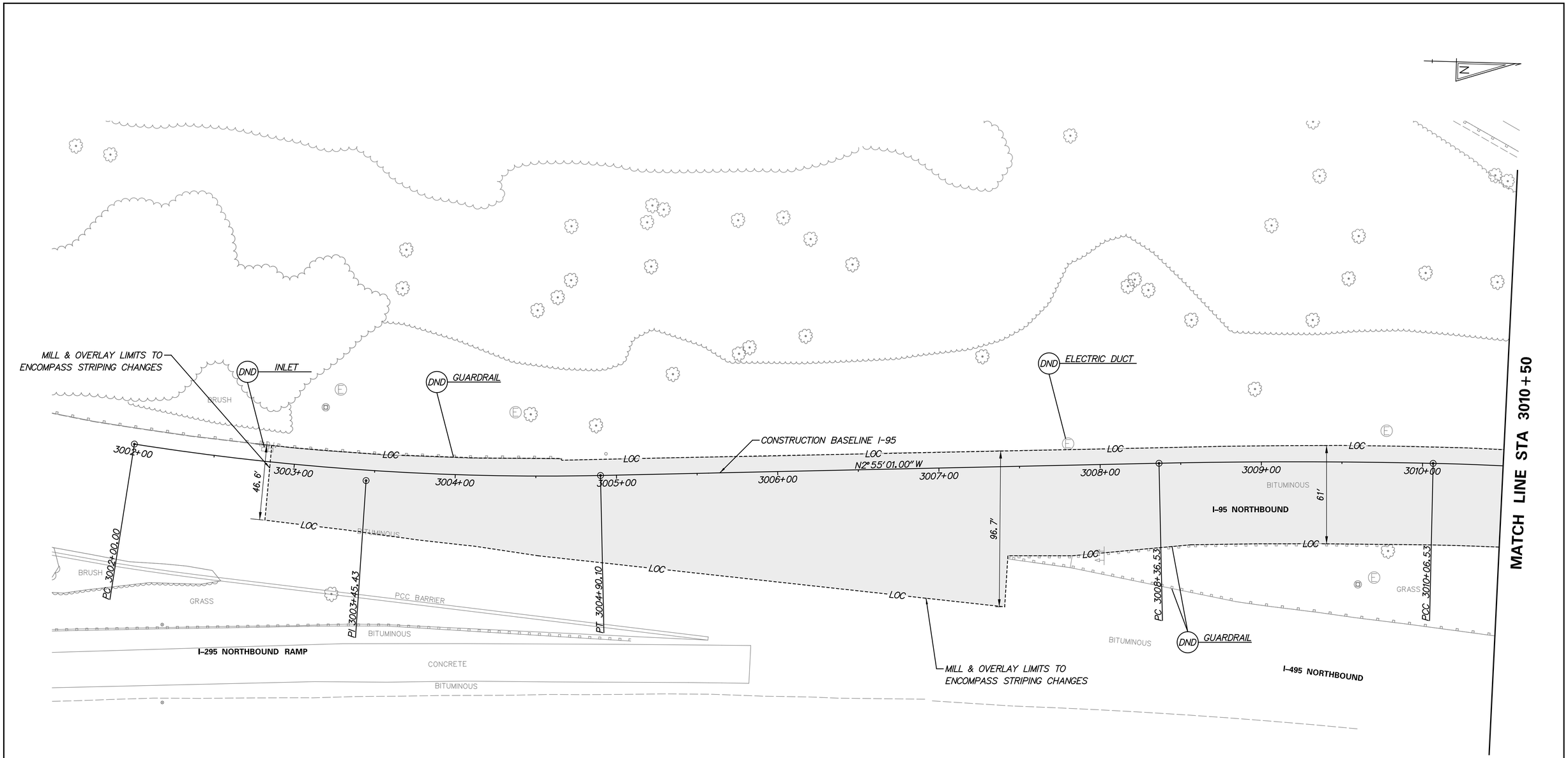
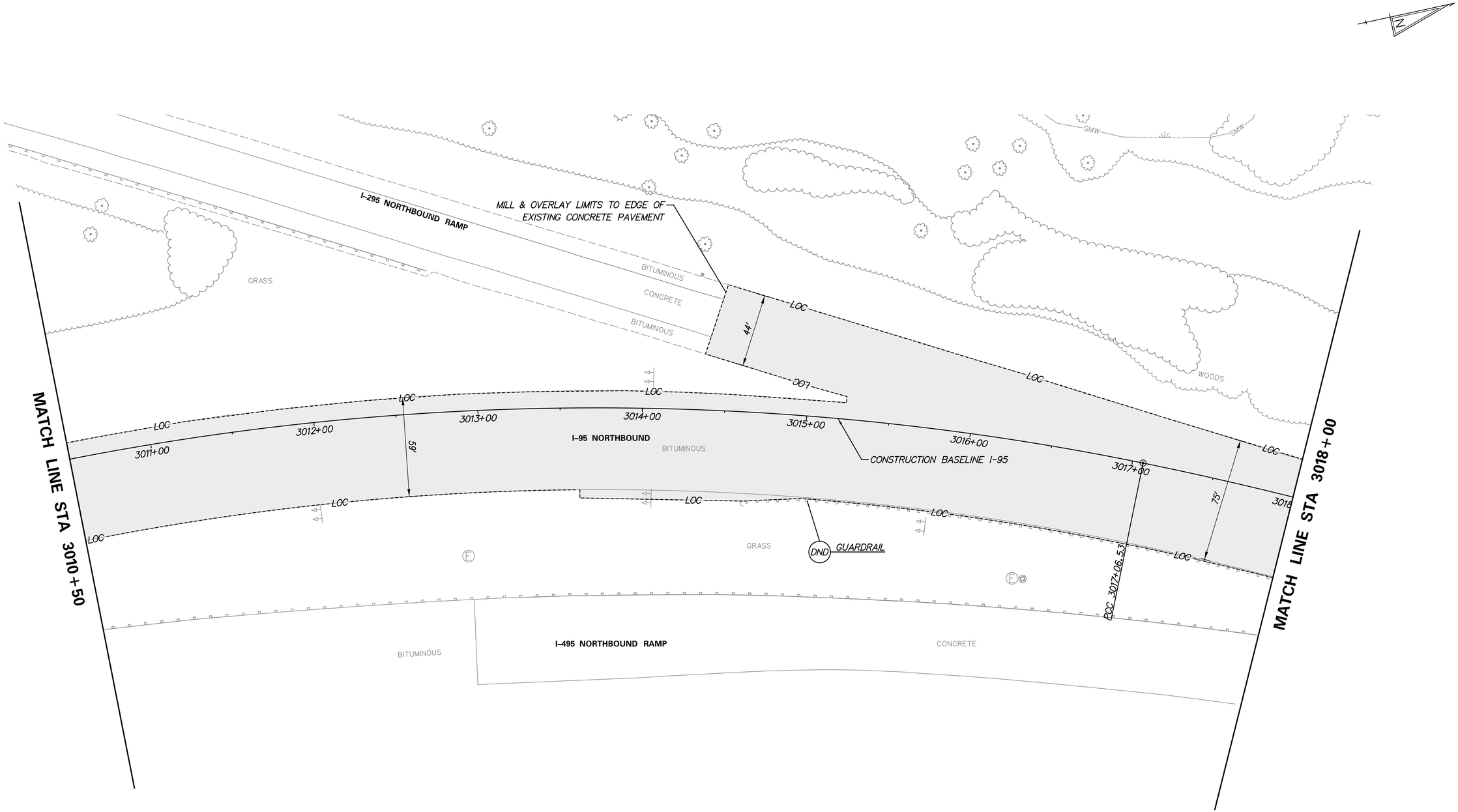


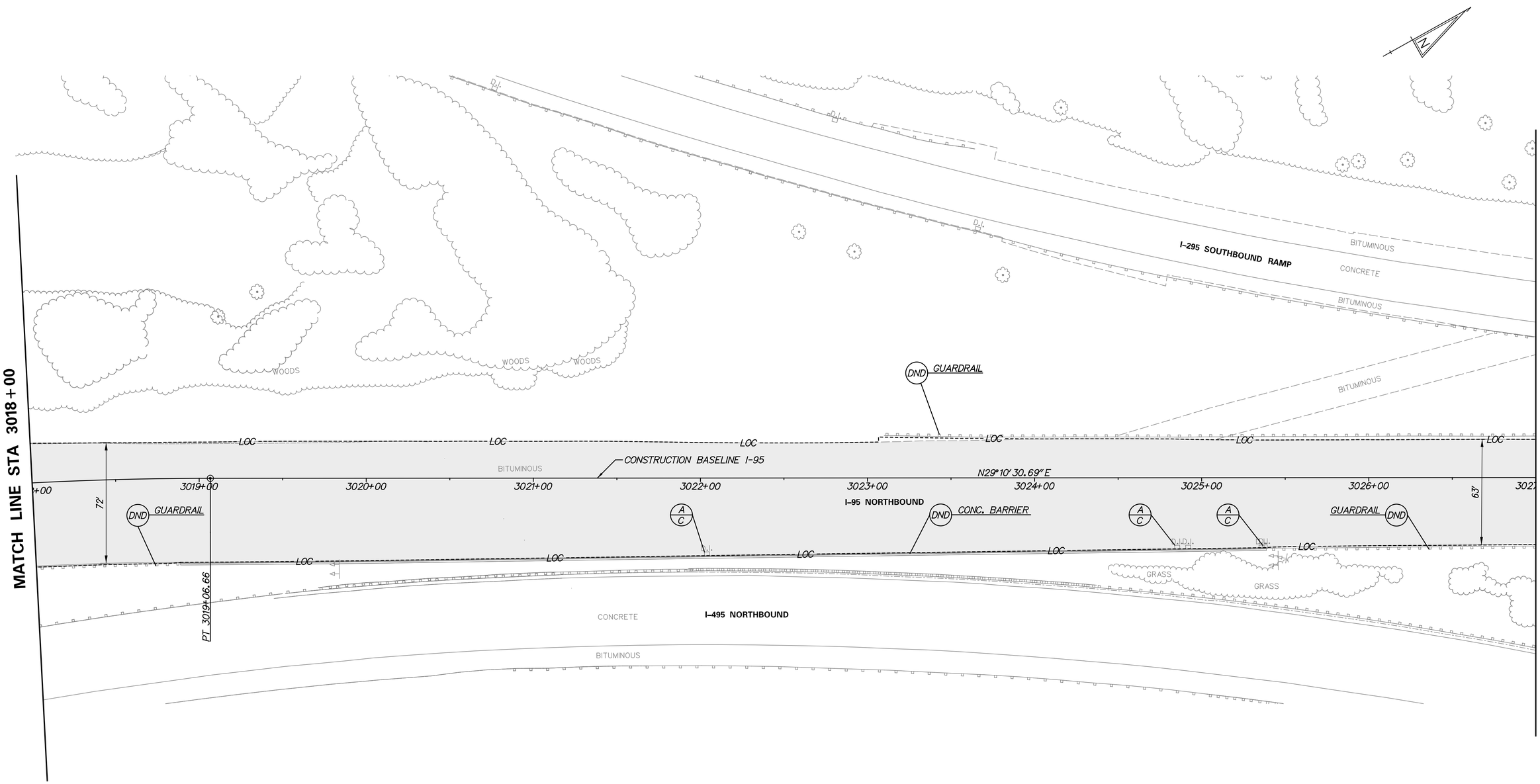
CP-01

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PLAN	SHEET NO. 1-52
				COUNTY NEW CASTLE	DESIGNED BY: DHW		TOTAL SHTS. 1-178
					CHECKED BY: PAH		

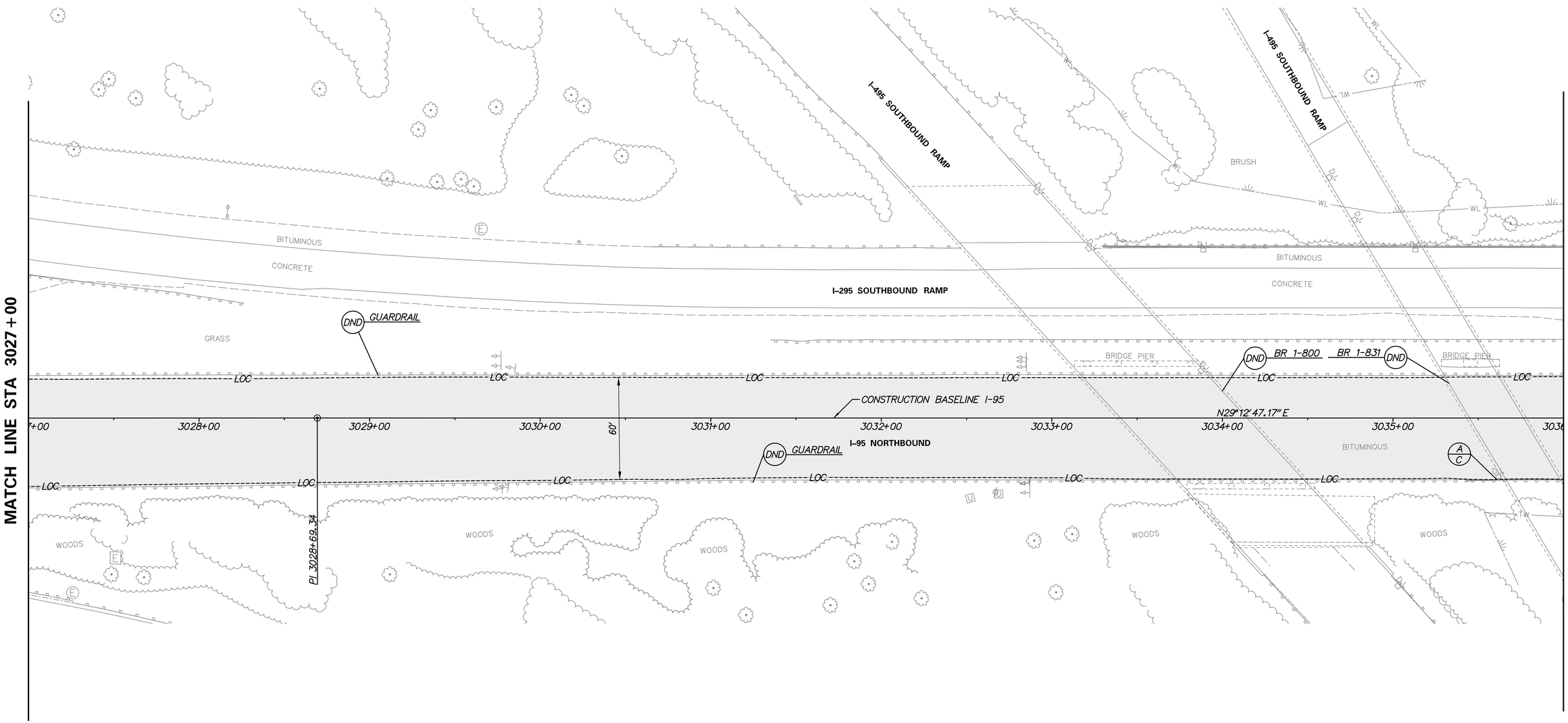


CP-02

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PLAN	SHEET NO. 1-53
				COUNTY NEW CASTLE	DESIGNED BY: DHW		TOTAL SHTS. 1-178
					CHECKED BY: PAH		



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PLAN	CP-03
				COUNTY NEW CASTLE	DESIGNED BY: DHW		SHEET NO. 1-54
					CHECKED BY: PAH		TOTAL SHTS. 1-178



CP-04

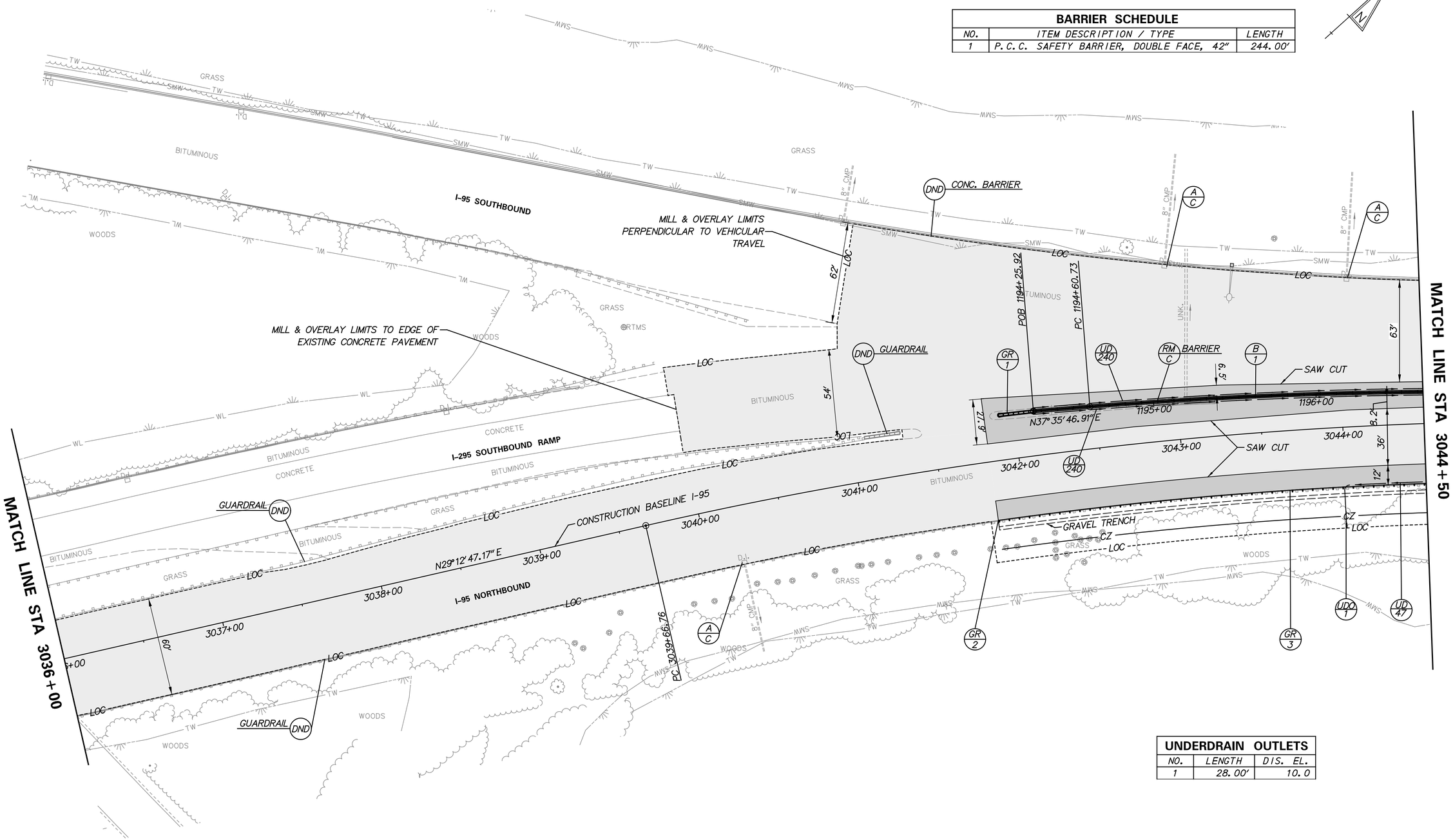
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: DHW / CHECKED BY: PAH	CONSTRUCTION PLAN

SHEET NO. 1-55
TOTAL SHTS. 1-178

GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
1	PERMANENT IMPACT ATTENUATOR, TYPE 4	3041+89	-27.68	N/A
2	GUARDRAIL 27" TO 31" TRANSITION	3042+82	36.50	*
3	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	3042+82	36.50	265.00'

*TO BE PAID FOR UNDER ITEM 720021

BARRIER SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
1	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42"	244.00'



UNDERDRAIN OUTLETS		
NO.	LENGTH	DIS. EL.
1	28.00'	10.0

CP-05

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: DHW
COUNTY	CHECKED BY: PAH
NEW CASTLE	

CONSTRUCTION PLAN

SHEET NO. 1-56

TOTAL SHTS. 1-178

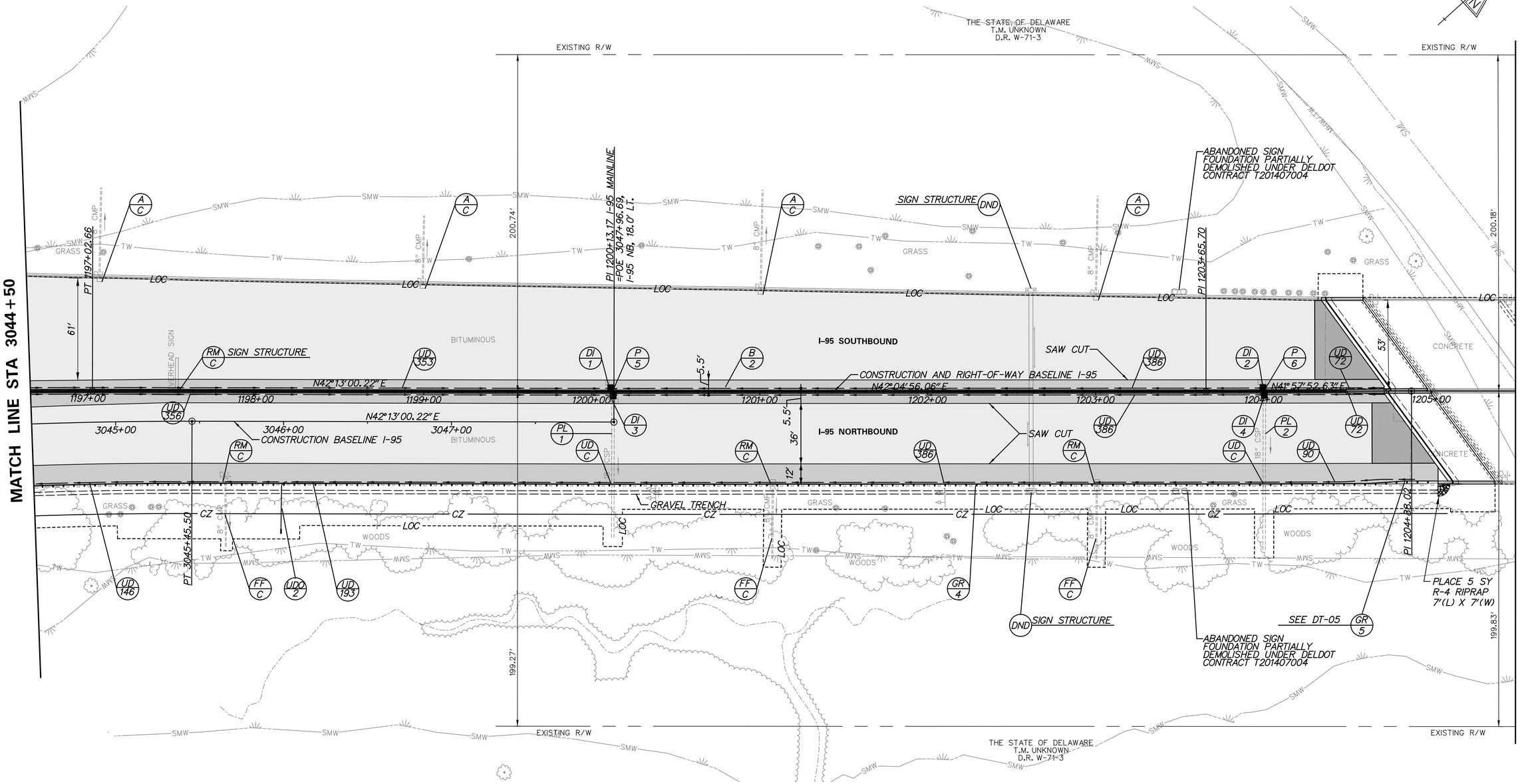
GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
4	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1196+67.26	44.34'	834.00'
5	GR TO BARRIER CONNECTION, APPROACH TYPE 1-31	1204+62.52	53.62'	27.00'

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.*	INV. EL.
1	1200+11	2' LT.	48" x 30"	1	20.73	14.75
3	1200+13	2' RT.	48" x 30"	1	20.82	14.65
2	1204+00	2' LT.	48" x 30"	1	26.54	19.68
4	1204+00	2' RT.	48" x 30"	1	26.45	19.58

*TOP OF GRATE ELEVATION SHALL MATCH BARRIER FLOW LINE.

BARRIER SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
2	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42"*	804.00'

* FOR BARRIER TRANSITION AT BRIDGE PARAPETS, SEE PN-02.



DRAINAGE PIPE LINING SCHEDULE			
NO.	SIZE / TYPE	CLASS	LENGTH
1	18" CSP	-	85'
2	18" CSP	-	91'

UNDERDRAIN OUTLETS		
NO.	LENGTH	DIS. EL.
2	32.00'	13.0

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
5	18" RCP	IV	2'	0.0050	14.75	14.75
6	18" RCP	IV	2'	0.0050	19.68	19.68

CP-06

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-744
T201407404	DESIGNED BY: DHW	
COUNTY		
NEW CASTLE	CHECKED BY: PAH	

CONSTRUCTION PLAN

SHEET NO. 1-57
TOTAL SHTS. 1-178

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
6	GR TO BARRIER CONNECTION, APPROACH TYPE 1-31	1210+56.34	53.79′ LT.	27.00′
7	GR TO BARRIER CONNECTION EXIT TYPE 31	1211+31.65	53.79′ RT.	24.00′
8	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1210+76.09	53.79′ LT.	374.00′
9	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1211+43.15	53.79′ RT.	307.00′

BARRIER SCHEDULE

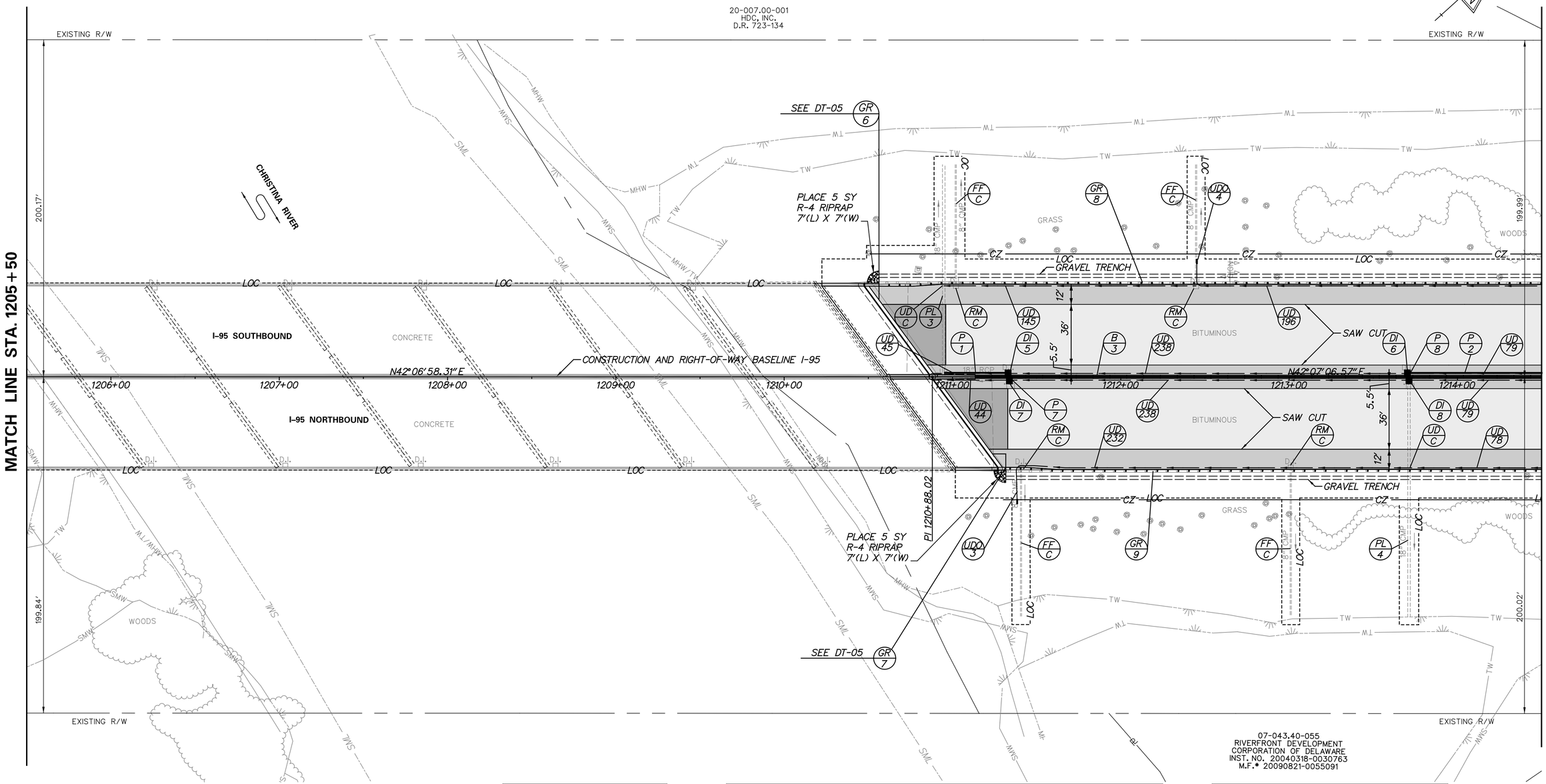
NO.	ITEM DESCRIPTION / TYPE	LENGTH
3	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42″*	364.00′

* FOR BARRIER TRANSITION AT BRIDGE PARAPETS, SEE PN-02.

DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.*	INV. EL.
5	1211+33	2′ LT.	48″ x 30″	1	37.58	32.19
7	1211+34	2′ RT.	48″ x 30″	1	37.56	32.29
6	1213+70	2′ LT.	48″ x 30″	1	41.10	35.58
8	1213+71	2′ RT.	48″ x 30″	1	40.95	35.55

*TOP OF GRATE ELEVATION SHALL MATCH BARRIER FLOW LINE.



UNDERDRAIN OUTLETS

NO.	LENGTH	DIS. EL.
3	23.00′	33.7
4	17.00′	35.5

DRAINAGE PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
1	18″ RCP	IV	36′	0.0050	32.19	*
7	18″ RCP	IV	2′	0.0050	32.29	32.29
2	18″ RCP	IV	248′	0.0150	39.41	35.68
8	18″ RCP	IV	2′	0.0050	35.58	35.58

*CONTRACTOR SHALL VERIFY ELEVATION AND CONNECT TO EXISTING STRUCTURE.

DRAINAGE PIPE LINING SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH
3	18″ CMP	-	125′
4	18″ CMP	-	140′

CP-07

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-744
T201407404	DESIGNED BY: DHW	
COUNTY		
NEW CASTLE	CHECKED BY: PAH	

CONSTRUCTION PLAN

SHEET NO. 1-58

TOTAL SHTS. 1-178

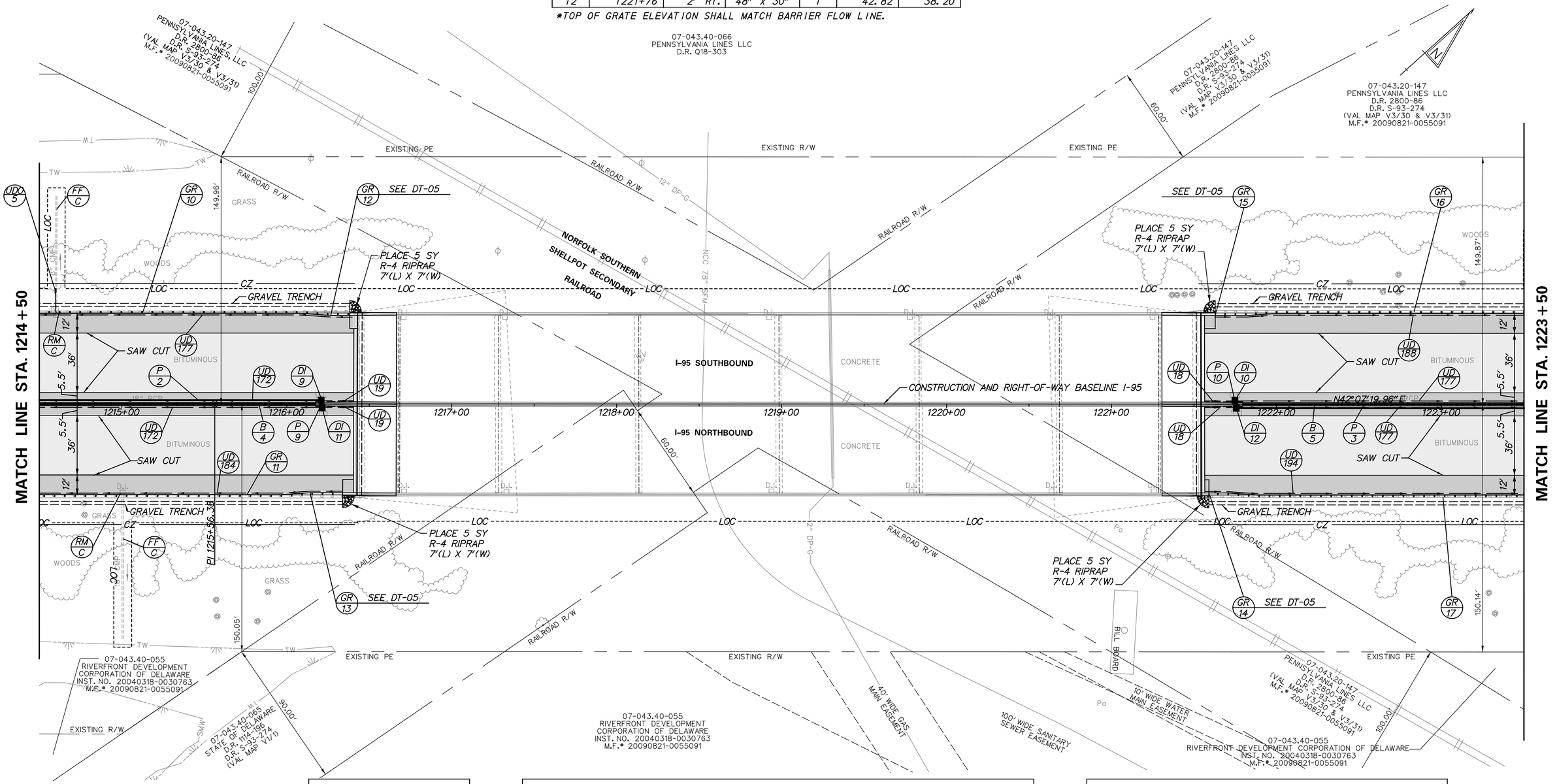
DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.*	INV. EL.
9	1216+21	2′ LT.	48″ x 30″	1	44.24	39.41
10	1221+75	2′ LT.	48″ x 30″	1	42.84	38.10
11	1216+21	2′ RT.	48″ x 30″	1	44.11	39.51
12	1221+76	2′ RT.	48″ x 30″	1	42.82	38.20

*TOP OF GRATE ELEVATION SHALL MATCH BARRIER FLOW LINE.

DRAINAGE PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
3	18″ RCP	IV	248′	0.0187	38.10	33.24
9	18″ RCP	IV	2′	0.0050	39.51	39.51
10	18″ RCP	IV	2′	0.0050	38.20	38.20



UNDERDRAIN OUTLETS

NO.	LENGTH	DIS. EL.
5	18.00′	38.7

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
10	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1214+50.00	55.00′ LT.	177.00′
11	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1214+50.00	55.00′ RT.	165.00′
12	GR TO BARRIER CONNECTION EXIT TYPE 31	1216+26.67	53.75′ LT.	14.00′
13	GR TO BARRIER CONNECTION, APPROACH TYPE 1-31	1216+14.17	53.75′ RT.	27.00′
14	GR TO BARRIER CONNECTION EXIT TYPE 31	1221+59.02	53.79′ RT.	14.00′
15	GR TO BARRIER CONNECTION, APPROACH TYPE 1-31	1221+62.84	53.83′ LT.	27.00′
16	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1221+82.59	53.83′ LT.	168.00′
17	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1221+70.52	53.79′ RT.	180.00′

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
4	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42″*	193.00′
5	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42″*	199.00′

* FOR BARRIER TRANSITION AT BRIDGE PARAPETS, SEE PN-02.

CP-08

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-745
T201407404	DESIGNED BY: DHW	
COUNTY		
NEW CASTLE	CHECKED BY: PAH	

CONSTRUCTION PLAN

SHEET NO. 1-59
TOTAL SHTS. 1-178

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
18	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1223+49.60	54.97′ LT.	233.00′
19	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1223+49.75	55.00′ RT.	238.00′
20	GR TO BARRIER CONNECTION EXIT TYPE 31	1225+82.51	53.75′ LT.	12.00′
21	GR TO BARRIER CONNECTION, APPROACH TYPE 1-31	1225+80.05	53.75′ RT.	20.00′
22	GR TO BARRIER CONNECTION, APPROACH TYPE 1-31	1228+68.20	53.75′ LT.	20.00′
23	GR TO BARRIER CONNECTION EXIT TYPE 1-31	1228+73.99	53.75′ RT.	12.00′
24	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1228+87.95	53.75′ LT.	370.00′
25	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1228+85.49	53.75′ RT.	363.00′

DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.*	INV. EL.
13	1224+31	2′ LT.	48″ x 30″	1	38.34	33.24
16	1224+32	2′ RT.	48″ x 30″	1	38.29	33.14
14	1225+85	2′ LT.	48″ x 30″	1	34.24	29.36
17	1225+86	2′ RT.	48″ x 30″	1	34.22	28.49
15	1231+51	2′ LT.	48″ x 30″	1	18.77	13.58
18	1231+52	2′ RT.	48″ x 30″	1	18.85	13.48

*TOP OF GRATE ELEVATION SHALL MATCH BARRIER FLOW LINE.

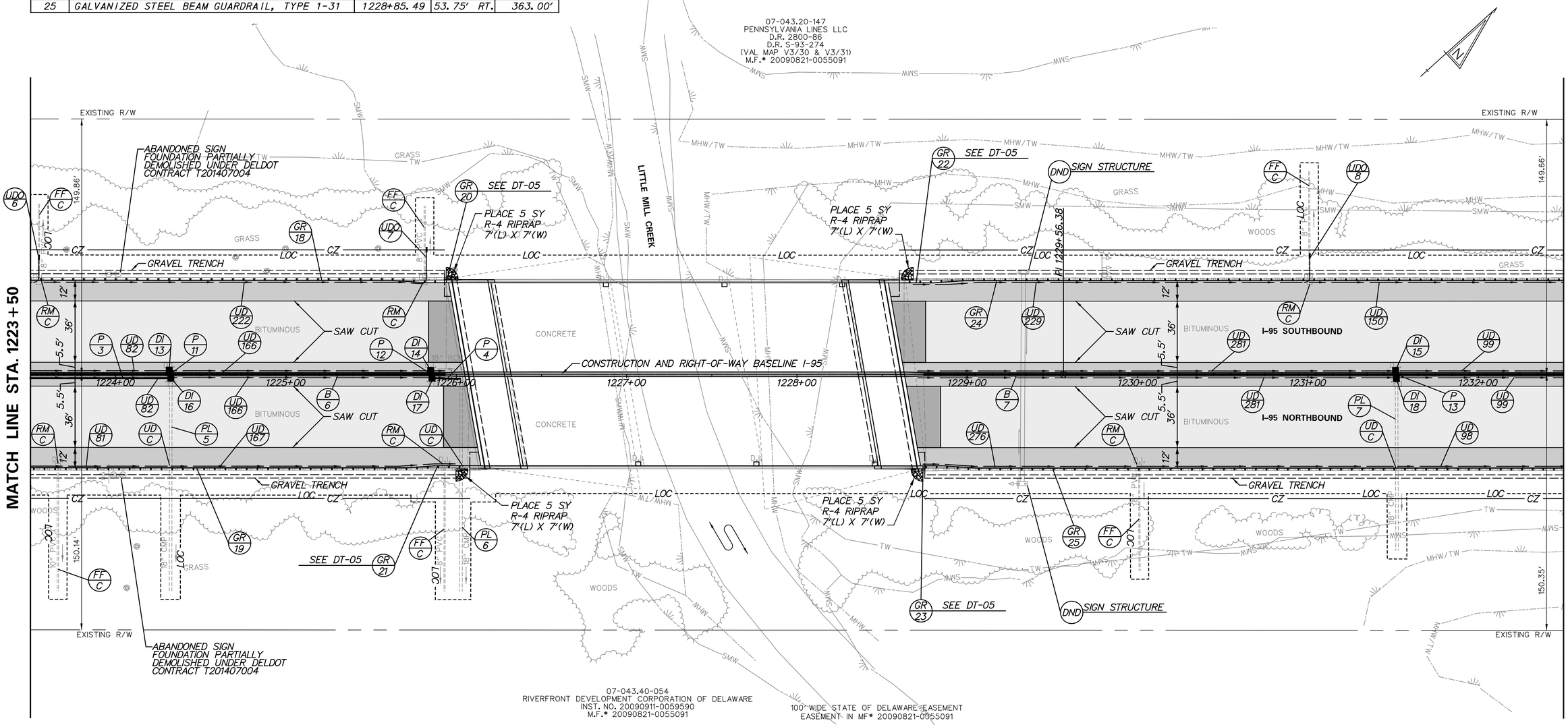
BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
6	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42″*	258.00′
7	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42″*	390.00′

* FOR BARRIER TRANSITION AT BRIDGE PARAPETS, SEE PN-02.

UNDERDRAIN OUTLETS

NO.	LENGTH	DIS. EL.
6	18.00′	36.0
7	22.00′	30.5
8	19.00′	16.0



DRAINAGE PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
4	18″ RCP	IV	15′	0.0050	28.49	*
11	18″ RCP	IV	2′	0.0050	33.24	33.24
12	18″ RCP	IV	2′	0.0050	29.36	29.36
13	18″ RCP	IV	2′	0.0050	13.58	13.58

*CONTRACTOR SHALL VERIFY ELEVATION AND CONNECT TO EXISTING STRUCTURE.

DRAINAGE PIPE LINING SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH
5	18″ CMP	-	124′
6	18″ CMP	-	127′
7	18″ CMP	-	100′

CP-09

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-746
T201407404	DESIGNED BY: DHW	
COUNTY		
NEW CASTLE	CHECKED BY: PAH	

CONSTRUCTION PLAN

SHEET NO. 1-60

TOTAL SHTS. 1-178

GUARDRAIL SCHEDULE

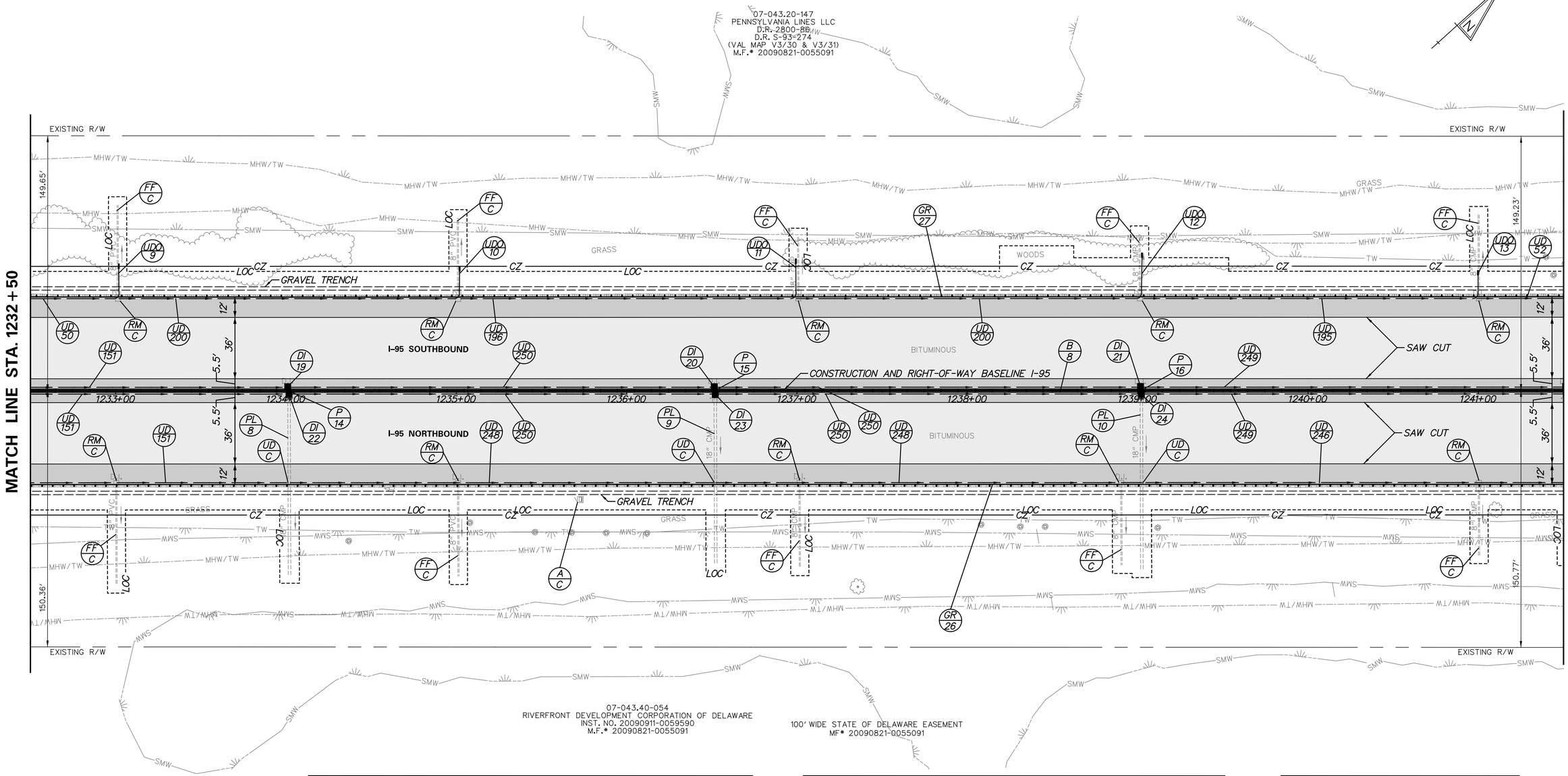
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
26	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1232+50.00	55.00′ RT.	900.00′
27	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1232+50.00	55.00′ LT.	900.00′

UNDERDRAIN OUTLETS

NO.	LENGTH	DIS. EL.
9	22.00′	13.4
10	20.00′	12.4
11	25.00′	11.4
12	28.00′	10.4
13	18.00′	9.4

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
8	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42″	900.00′



DRAINAGE PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
14	18″ RCP	IV	2′	0.0050	11.25	11.25
15	18″ RCP	IV	2′	0.0050	9.82	9.82
16	18″ RCP	IV	2′	0.0050	8.51	8.51

DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.*	INV. EL.
19	1234+01	2′ LT.	48″ x 30″	1	16.58	11.25
22	1234+02	2′ RT.	48″ x 30″	1	16.58	11.15
20	1236+51	2′ LT.	48″ x 30″	1	15.37	9.82
23	1236+52	2′ RT.	48″ x 30″	1	15.39	9.72
21	1239+02	2′ LT.	48″ x 30″	1	14.11	8.51
24	1329+02	2′ RT.	48″ x 30″	1	14.14	8.41

*TOP OF GRATE ELEVATION SHALL MATCH BARRIER FLOW LINE.

DRAINAGE PIPE LINING SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH
8	18″ CMP	-	105′
9	18″ CMP	-	99′
10	18″ CMP	-	101′

CP-10

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT T201407404 | COUNTY NEW CASTLE | BRIDGE NO. | DESIGNED BY: DHW | CHECKED BY: PAH

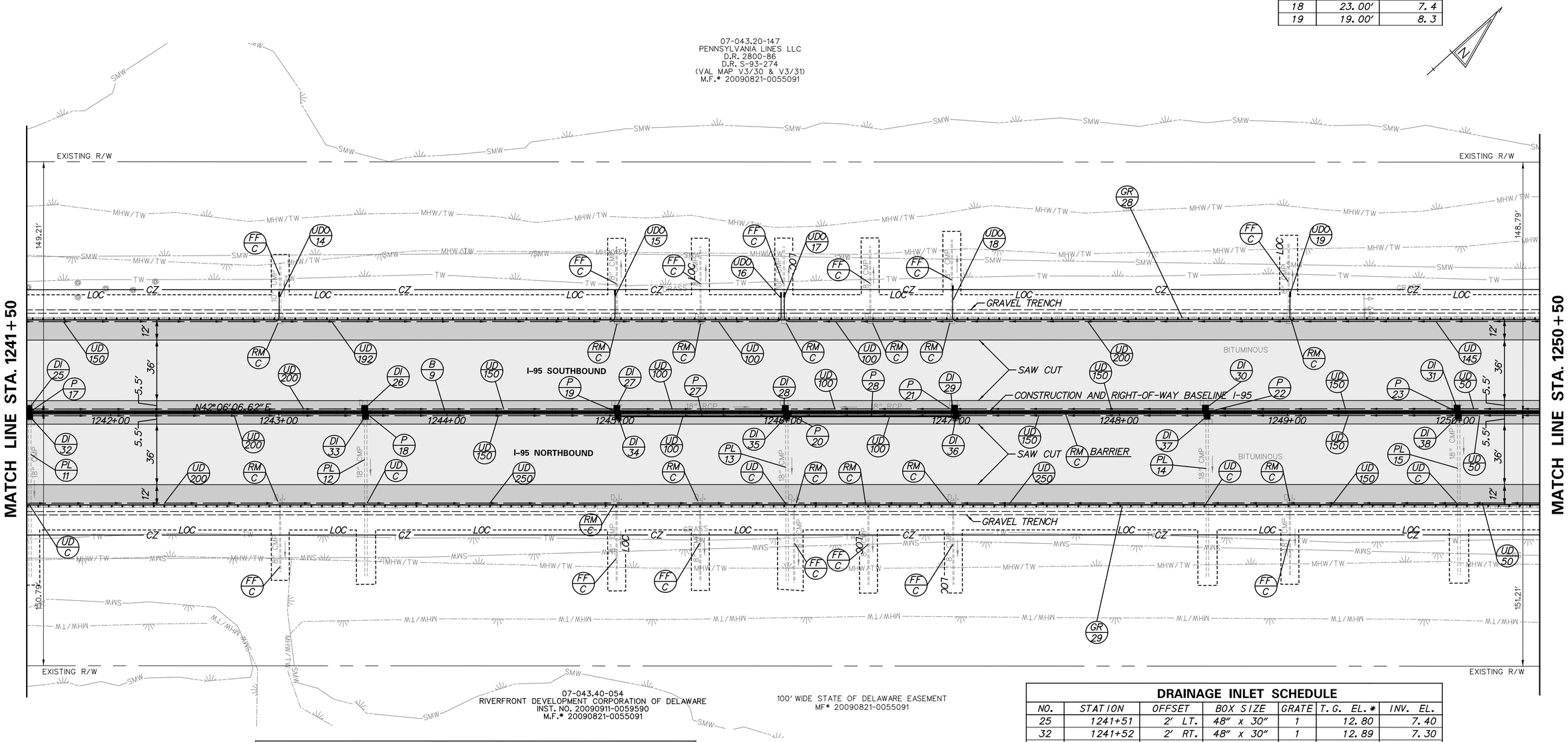
CONSTRUCTION PLAN

SHEET NO. 1-61 | TOTAL SHTS. 1-178

BARRIER SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
9	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42"	900.00'

GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
28	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1241+50.00	55.00' LT.	900.00'
29	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1241+50.00	55.00' RT.	900.00'

UNDERDRAIN OUTLETS		
NO.	LENGTH	DIS. EL.
14	19.00'	8.3
15	20.00'	7.5
16	19.00'	7.3
17	19.00'	7.3
18	23.00'	7.4
19	19.00'	8.3



DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
17	18" RCP	IV	2'	0.0050	7.40	7.40
18	18" RCP	IV	2'	0.0050	6.51	6.51
27	18" RCP	IV	98'	0.0160	5.77	4.20
19	18" RCP	IV	2'	0.0050	5.87	5.87
20	18" RCP	IV	2'	0.0050	4.20	4.20
21	18" RCP	IV	2'	0.0050	6.30	6.30
28	18" RCP	IV	98'	0.0204	6.20	4.20
22	18" RCP	IV	2'	0.0050	6.17	6.17
23	18" RCP	IV	2'	0.0050	6.90	6.90

DRAINAGE PIPE LINING SCHEDULE			
NO.	SIZE / TYPE	CLASS	LENGTH
11	18" CMP	-	94'
12	18" CMP	-	94'
13	18" CMP	-	97'
14	18" CMP	-	95'
15	18" CMP	-	93'

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.*	INV. EL.
25	1241+51	2' LT.	48" x 30"	1	12.80	7.40
32	1241+52	2' RT.	48" x 30"	1	12.89	7.30
26	1243+51	2' LT.	48" x 30"	1	11.90	6.51
33	1243+51	2' RT.	48" x 30"	1	11.86	6.41
27	1245+01	2' LT.	48" x 30"	1	11.28	5.87
34	1245+02	2' RT.	48" x 30"	1	11.22	5.77
28	1246+01	2' LT.	48" x 30"	1	11.14	4.20
35	1246+02	2' RT.	48" x 30"	1	11.18	4.10
29	1247+02	2' LT.	48" x 30"	1	11.22	6.30
36	1247+03	2' RT.	48" x 30"	1	11.30	6.20
30	1248+51	2' LT.	48" x 30"	1	11.80	6.17
37	1248+52	2' RT.	48" x 30"	1	11.87	6.07
31	1250+01	2' LT.	48" x 30"	1	12.52	6.90
38	1250+02	2' RT.	48" x 30"	1	12.61	6.80

*TOP OF GRATE ELEVATION SHALL MATCH BARRIER FLOW LINE.

CP-11

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: DHW
COUNTY	
NEW CASTLE	CHECKED BY: PAH

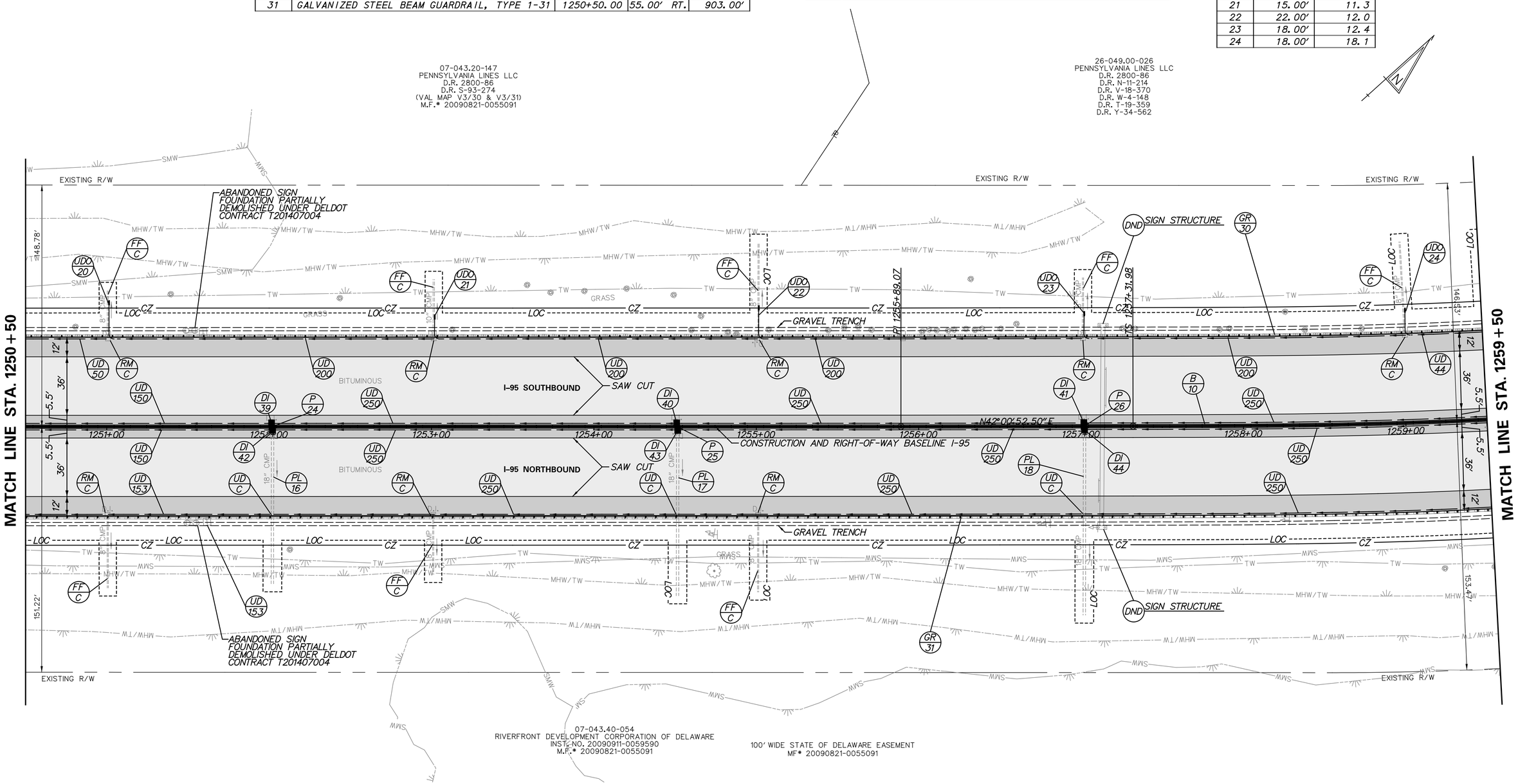
CONSTRUCTION PLAN

SHEET NO. 1-62
TOTAL SHTS. 1-178

GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
30	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1250+50.00	55.00' LT.	897.00'
31	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1250+50.00	55.00' RT.	903.00'

BARRIER SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
10	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42"	900.00'

UNDERDRAIN OUTLETS		
NO.	LENGTH	DIS. EL.
20	25.00'	9.3
21	15.00'	11.3
22	22.00'	12.0
23	18.00'	12.4
24	18.00'	18.1



DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
24	18" RCP	IV	2'	0.0050	7.76	7.76
25	18" RCP	IV	2'	0.0050	8.92	8.92
26	18" RCP	IV	2'	0.0050	10.08	10.08

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.*	INV. EL.
39	1251+01	2' LT.	48" x 30"	1	13.47	7.76
42	1252+02	2' RT.	48" x 30"	1	13.53	7.66
40	1254+51	2' LT.	48" x 30"	1	14.71	8.92
43	1254+52	2' RT.	48" x 30"	1	14.77	8.82
41	1257+02	2' LT.	48" x 30"	1	16.42	10.08
44	1257+02	2' RT.	48" x 30"	1	16.40	9.98

*TOP OF GRATE ELEVATION SHALL MATCH BARRIER FLOW LINE.

DRAINAGE PIPE LINING SCHEDULE			
NO.	SIZE / TYPE	CLASS	LENGTH
16	18" CMP	-	94'
17	18" CMP	-	102'
18	18" CMP	-	114'

CP-12

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: DHW
COUNTY	
NEW CASTLE	CHECKED BY: PAH

CONSTRUCTION PLAN

SHEET NO. 1-63
TOTAL SHTS. 1-178

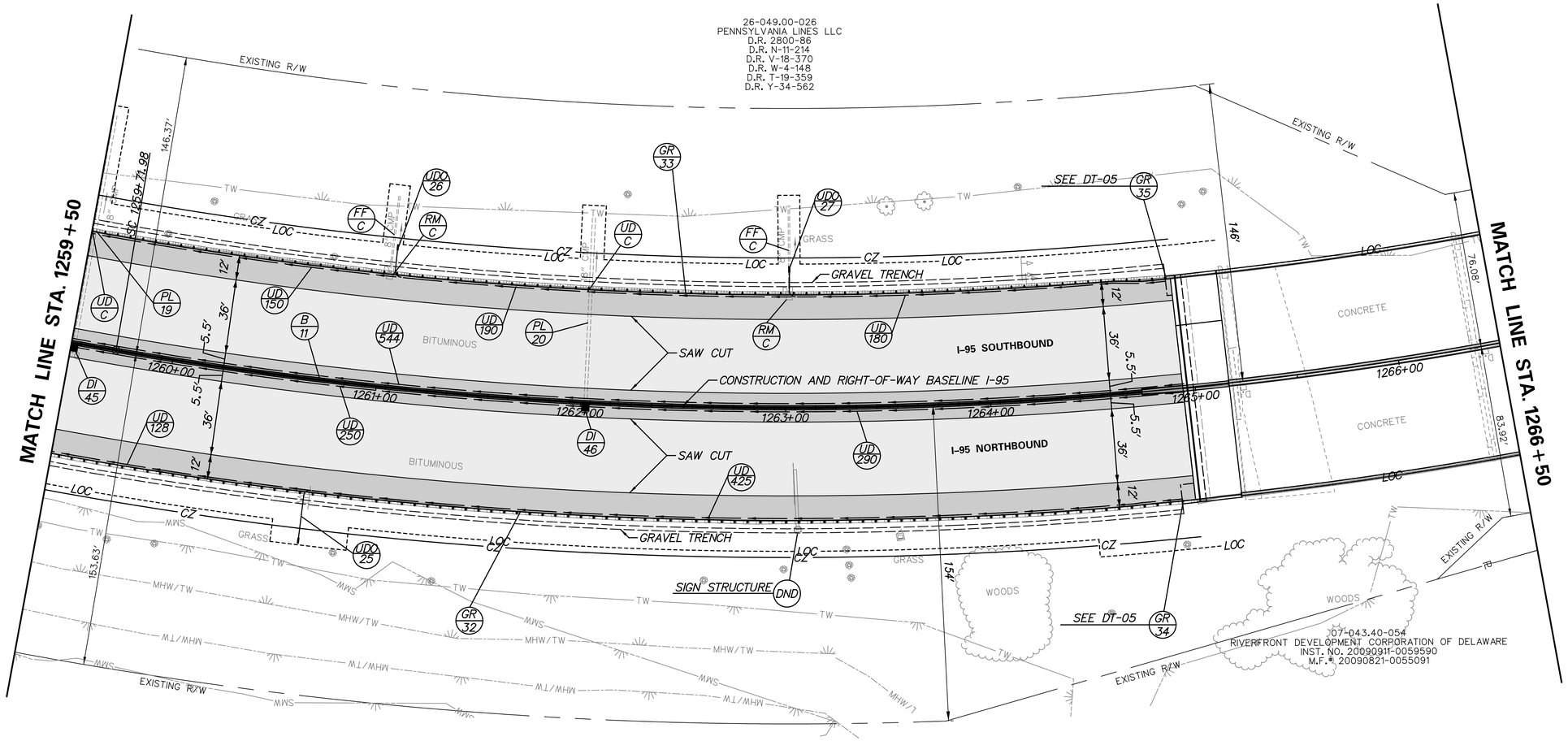
BARRIER SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
11	P.C.C. SAFETY BARRIER, DOUBLE FACE, 42"*	548.00'

* FOR BARRIER TRANSITION AT BRIDGE PARAPETS, SEE PN-02.

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.*	INV. EL.
45	1259+52	2' RT.	48" x 30"	1	18.63	12.83
46	1262+02	2' RT.	48" x 30"	1	20.79	15.48

*TOP OF GRATE ELEVATION SHALL MATCH BARRIER FLOW LINE.

DRAINAGE PIPE LINING SCHEDULE			
NO.	SIZE / TYPE	CLASS	LENGTH
19	18" CMP	-	114'
20	18" CMP	-	94'



UNDERDRAIN OUTLETS		
NO.	LENGTH	DIS. EL.
25	28.00'	18.1
26	17.00'	13.2
27	17.00'	16.1

GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
32	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1259+50.00	55.00' RT.	534.00'
33	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1259+50.00	55.00' LT.	514.00'
34	GR TO BARRIER CONNECTION, APPROACH TYPE 1-31	1264+69.21	54.82' RT.	27.00'
35	GR TO BARRIER CONNECTION, EXIT TYPE 1-31	1264+78.81	53.59' LT.	14.00'

CP-13

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

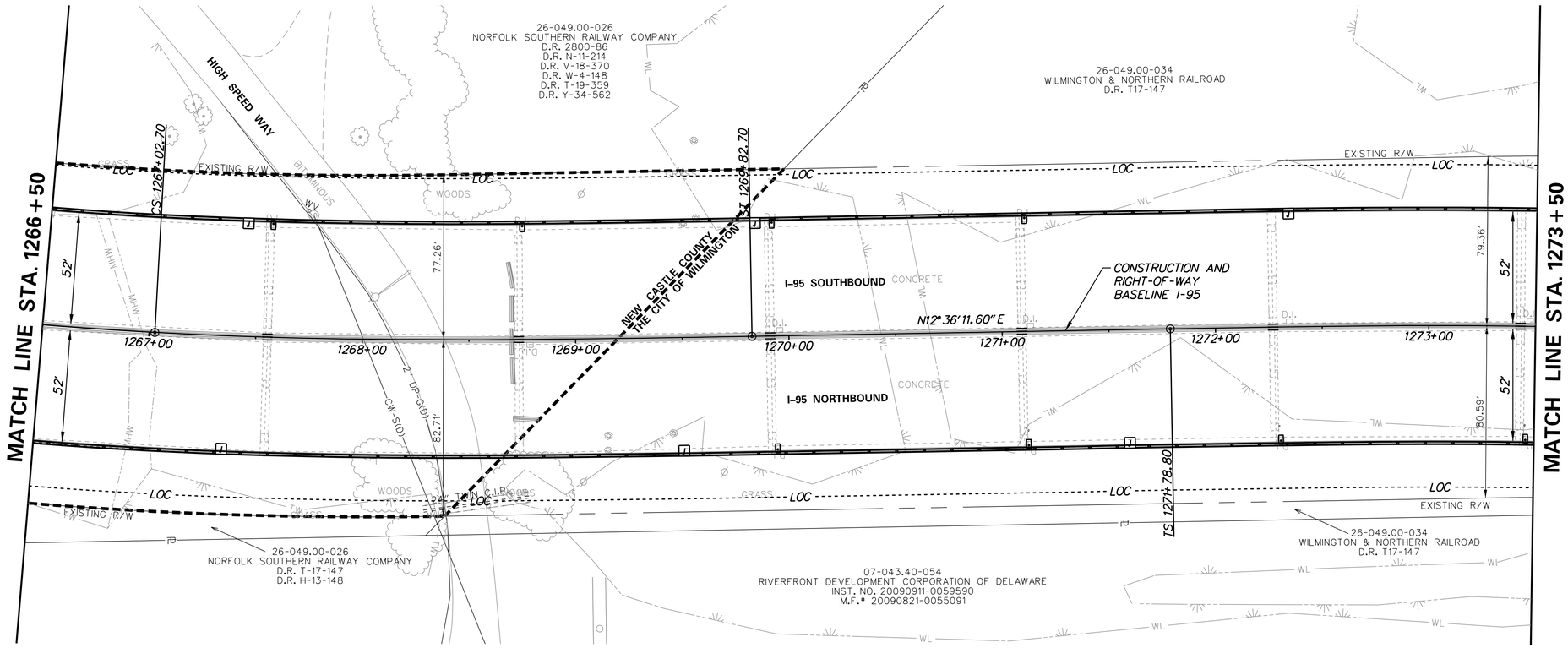
SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: DHW
COUNTY	
NEW CASTLE	CHECKED BY: PAH

CONSTRUCTION PLAN

SHEET NO. 1-64
TOTAL SHTS. 1-178



N:\31987-004\Contract_I-95\CADD\CP14.dgn
8/14/2019 8:52:46 AM

ADDENDA / REVISIONS	

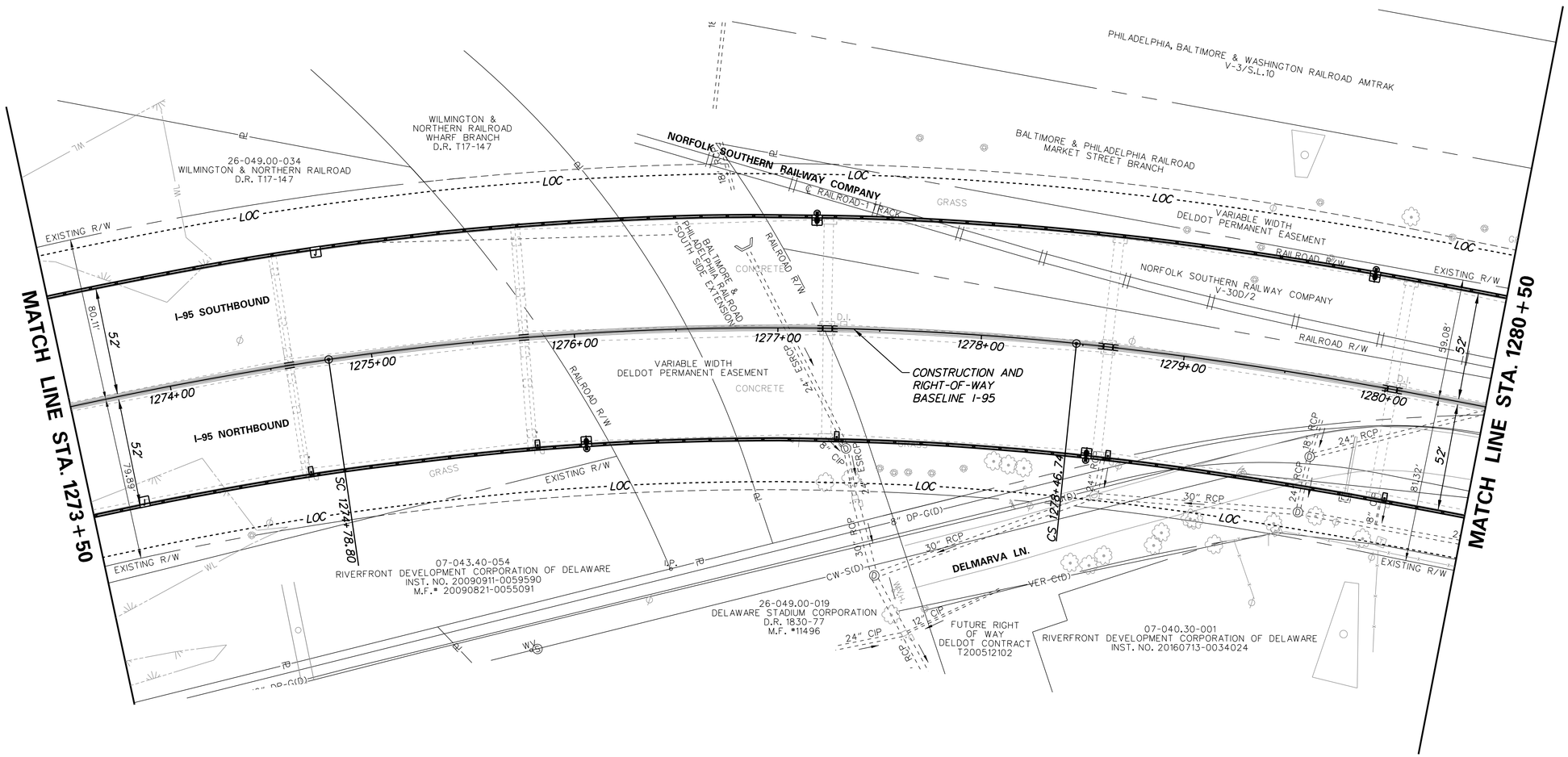
SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-748
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-14
SECTION
WRA
SHEET NO.
65



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

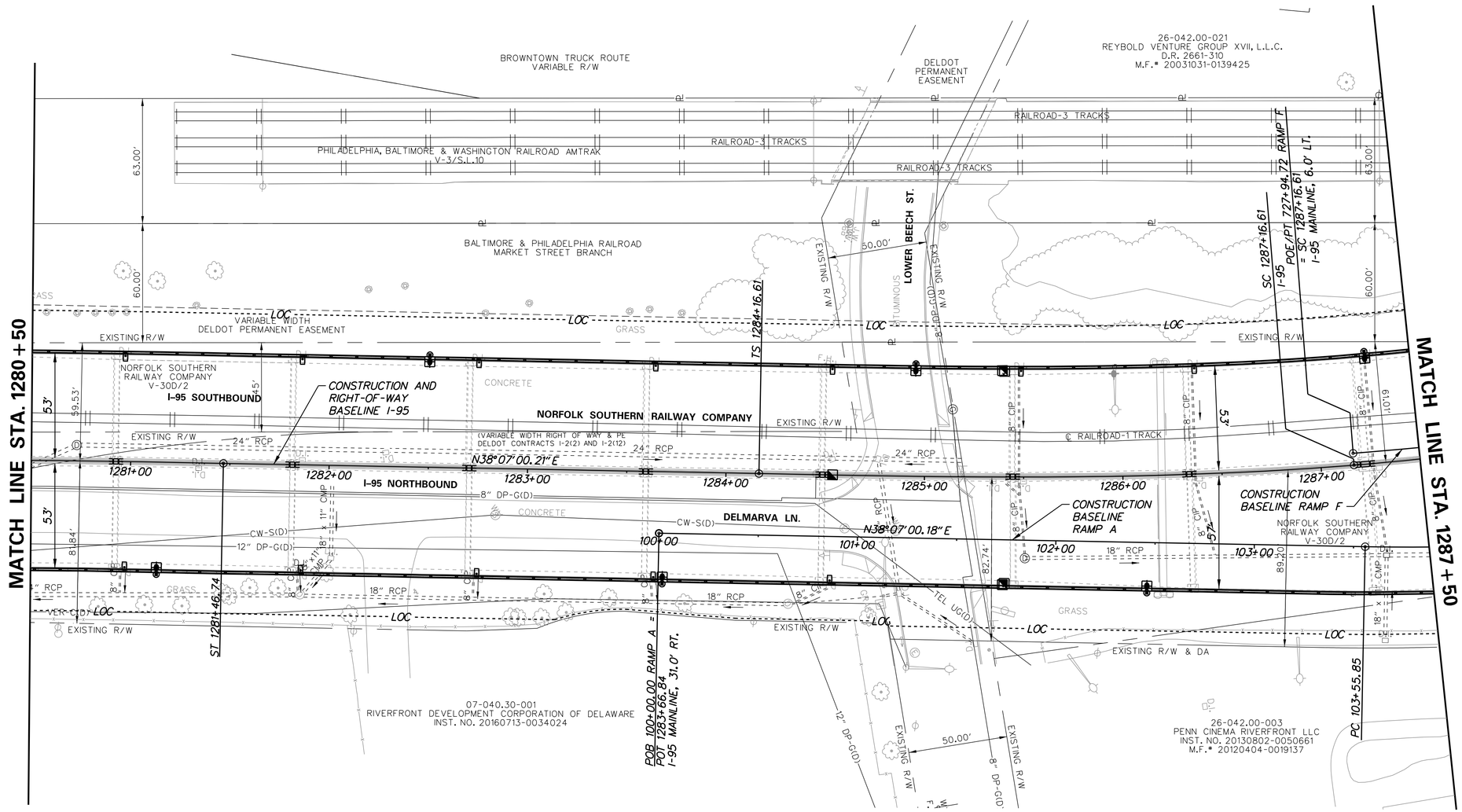
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-748
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-15
SECTION
WRA
SHEET NO.
66

N:\31987-004\Contract_I-95\CADD\CP15.dgn
8/14/2019 8:32:47 AM



N:\31987-004\Contract_I-95\CADD\CP16.dgn
8/14/2019 8:52:52 AM

ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

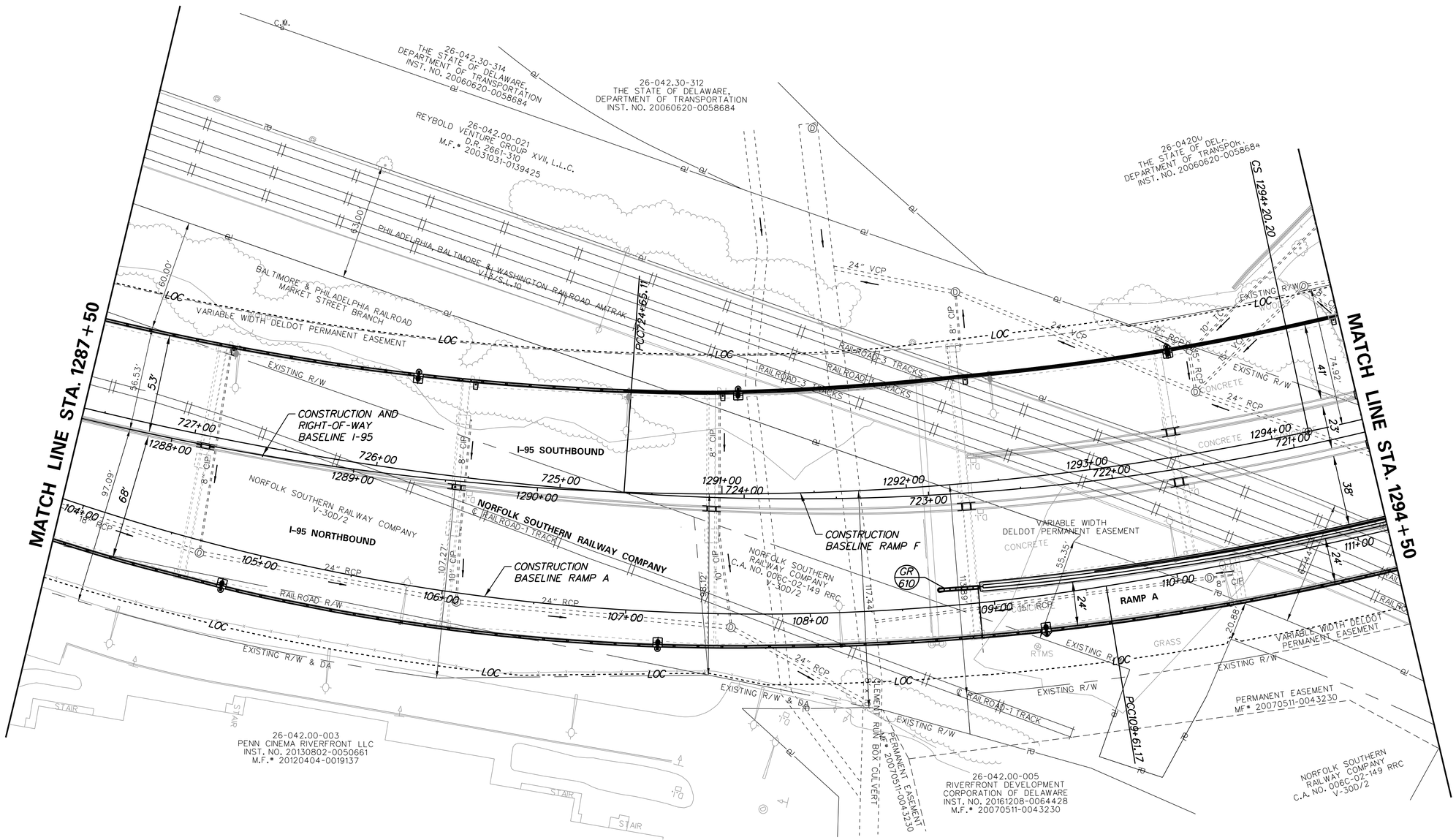
CONTRACT	BRIDGE NO.	1-748
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-16
SECTION
WRA
SHEET NO.
67

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
610	PERMANENT IMPACT ATTENUATOR, TYPE 4, TL-3	108+68.07	7.84'	24.92'



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-748,1-749
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-17
SECTION
WRA
SHEET NO.
68

N:\31987-004\Contract_I-95\CADD\CP17.dgn
8/14/2019 8:52:54 AM

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
500	GUARDRAIL TO BARRIER CONNECTION (EXIT TYPE 31)	115+21.54	-3.00'	11.5'
501	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	115+33.04	-3.00'	62.5'
502	END ANCHORAGE 31	115+95.54	-3.00'	12.5'
503	GUARDRAIL TO BARRIER CONNECTION (EXIT TYPE 31)	115+27.04	32.75'	11.5'
504	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	115+38.54	32.75'	25'
505	END ANCHORAGE 31	115+63.54	32.75'	12.5'

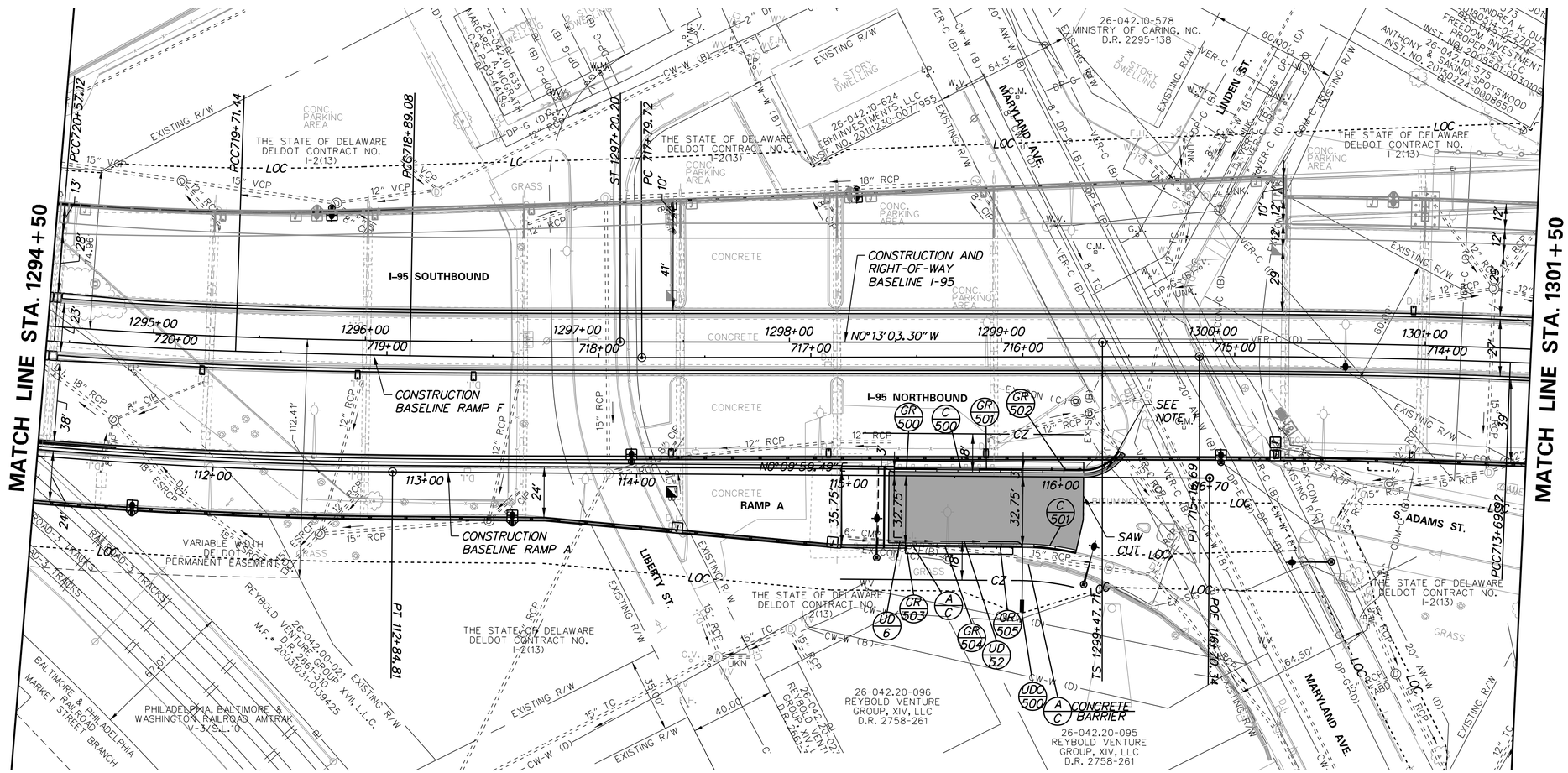
CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
500	I.P.C.C. CURB AND GUTTER, TYPE 3-4	110.55
501	I.P.C.C. CURB AND GUTTER, TYPE 3-4	80.87

UNDERDRAIN OUTLETS

NO.	LENGTH	DIS. EL.
500	32'	27.57

NOTES:
1. SEE CONSTRUCTION DETAIL DT-14 FOR CURB PATCH DETAIL.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

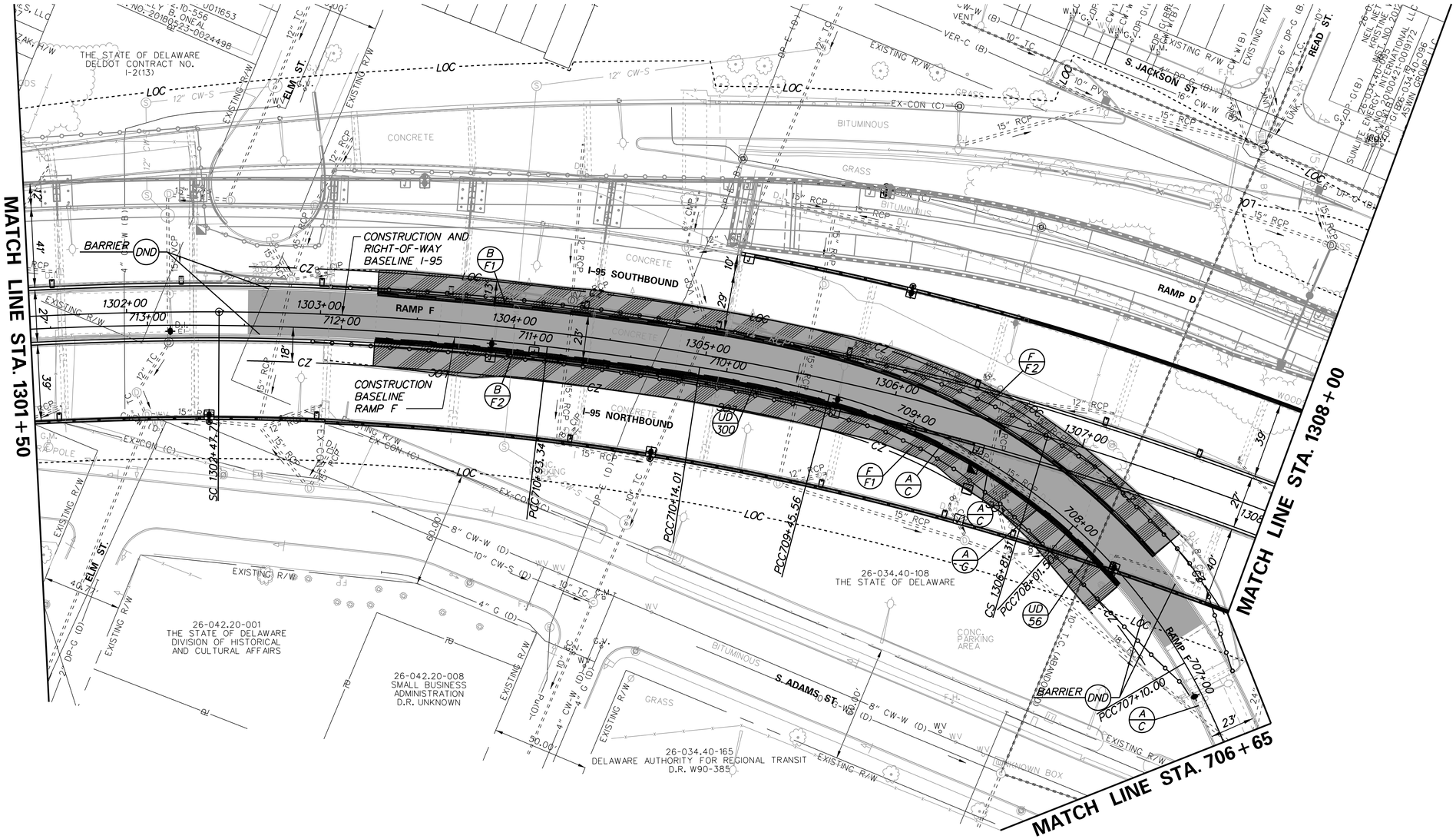
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-748, 1-749, 1-758, 1-758G
T201407404	DESIGNED BY: JAD	
COUNTY	CHECKED BY: BRT	
NEW CASTLE		

CONSTRUCTION PLAN

CP-18
SECTION
WRA
SHEET NO.
69

N:\31987-004\Contract_I-95\CADD\CP18.dgn
8/14/2019 8:52:55 AM



FENCE SCHEDULE

NO.	QTY.	DESCRIPTION	NOTES
F1	510′	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND BASED ON GRADING
F2	545′	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND BASED ON GRADING

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
F1*	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	436′
F2*	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	416′

* FOR BARRIER TRANSITION AT BRIDGE PARAPETS, SEE PN-02.

N:\31987-004\Contract_I-95\CADD\CP19.dgn
8/14/2019 8:52:56 AM

ADDENDA / REVISIONS	

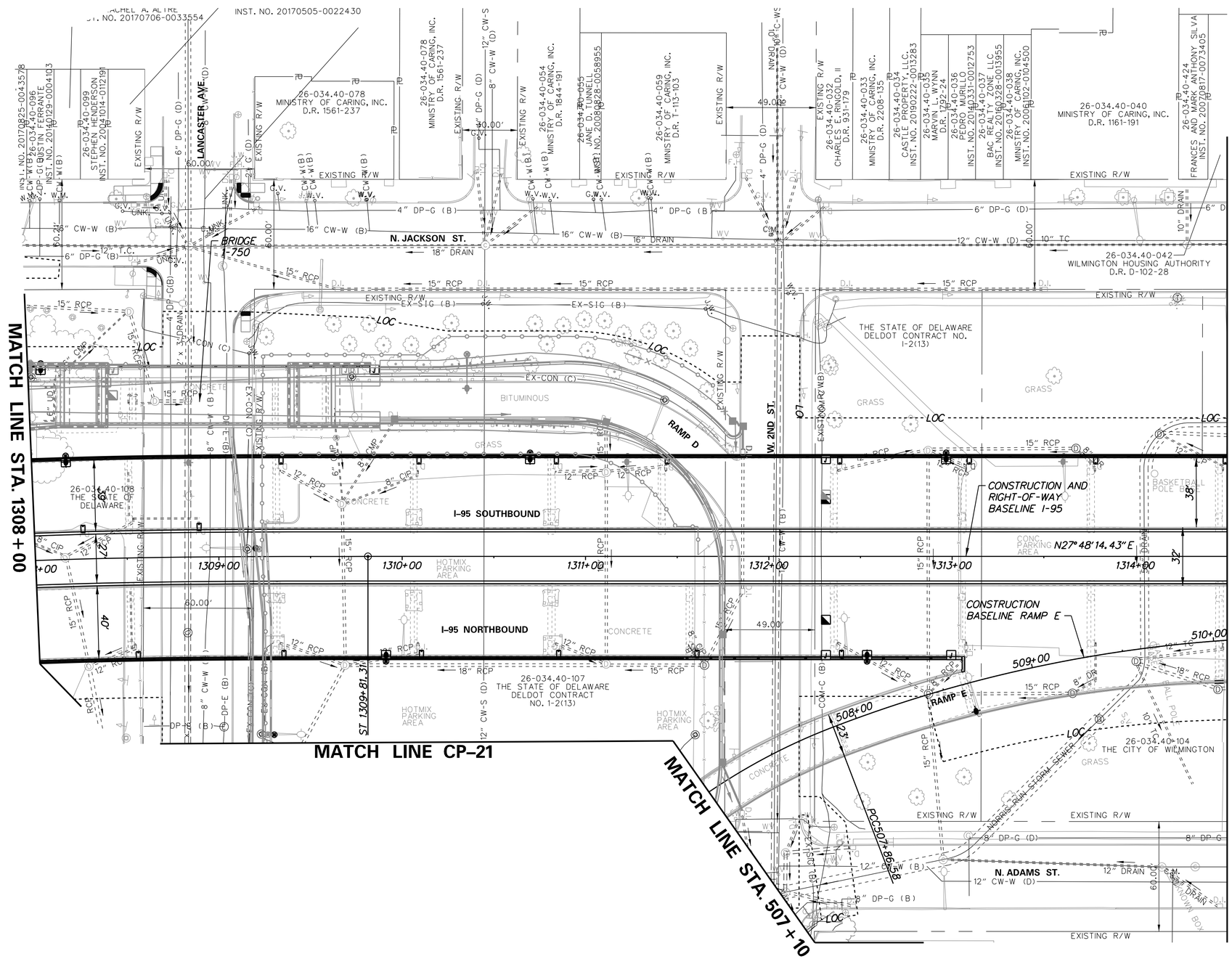
SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-748, 1-750, 1-758, 1-758F, 1-758G
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-19
SECTION
WRA
SHEET NO.
70



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

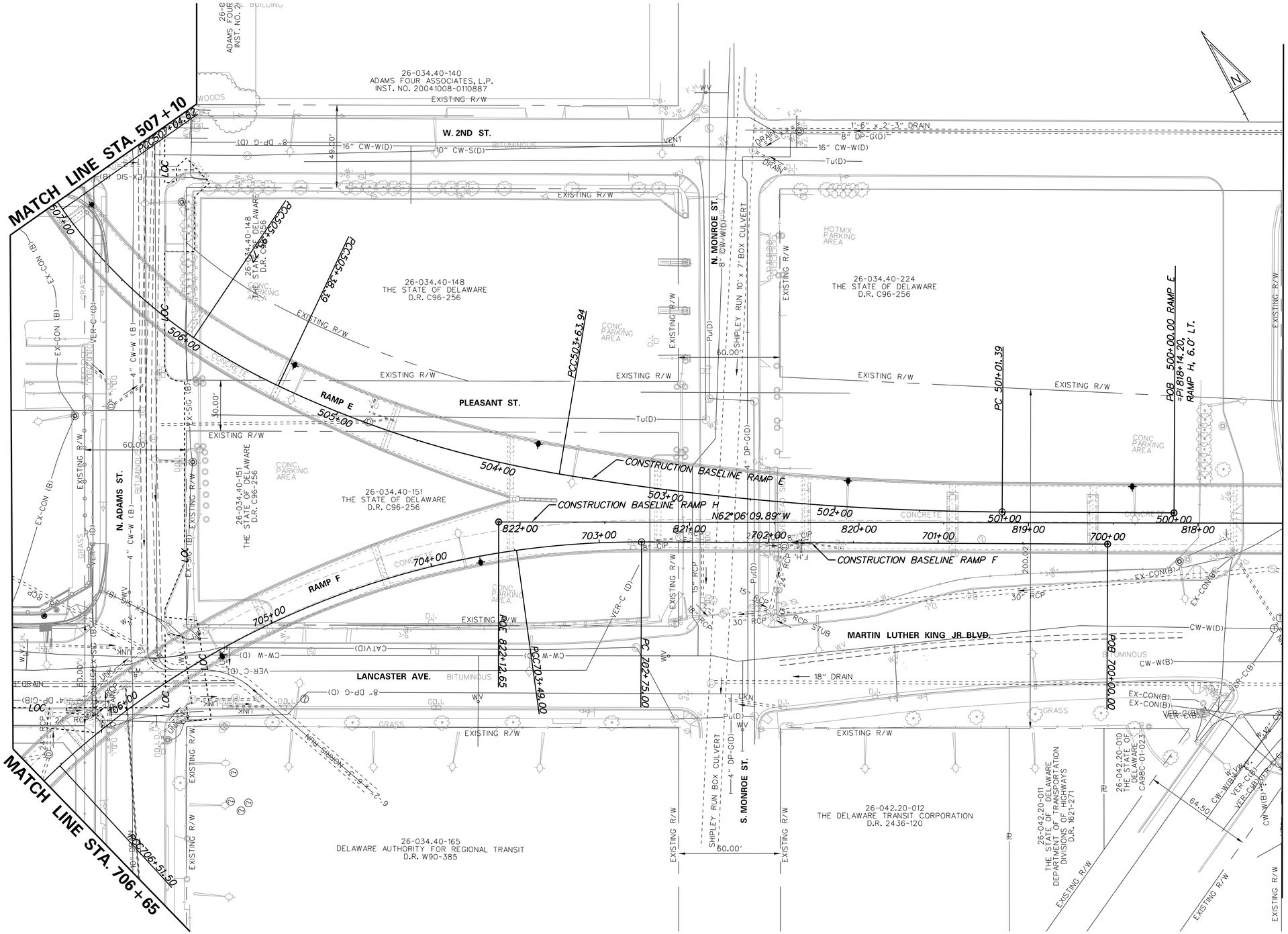
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-748, 1-750, 1-758E
T201407404	DESIGNED BY: JAD	
COUNTY	CHECKED BY: BRT	
NEW CASTLE		

CONSTRUCTION PLAN

CP-20
SECTION
WRA
SHEET NO.
71

N:\31987-004\Contract_I-95\CADD\CP20.dgn
8/14/2019 8:52:58 AM



ADDENDA / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO. 1-758 E, F ,H	CONSTRUCTION PLAN	CP-21
			COUNTY NEW CASTLE	DESIGNED BY: JAD		SECTION WRA
				CHECKED BY: BRT		SHEET NO. 72

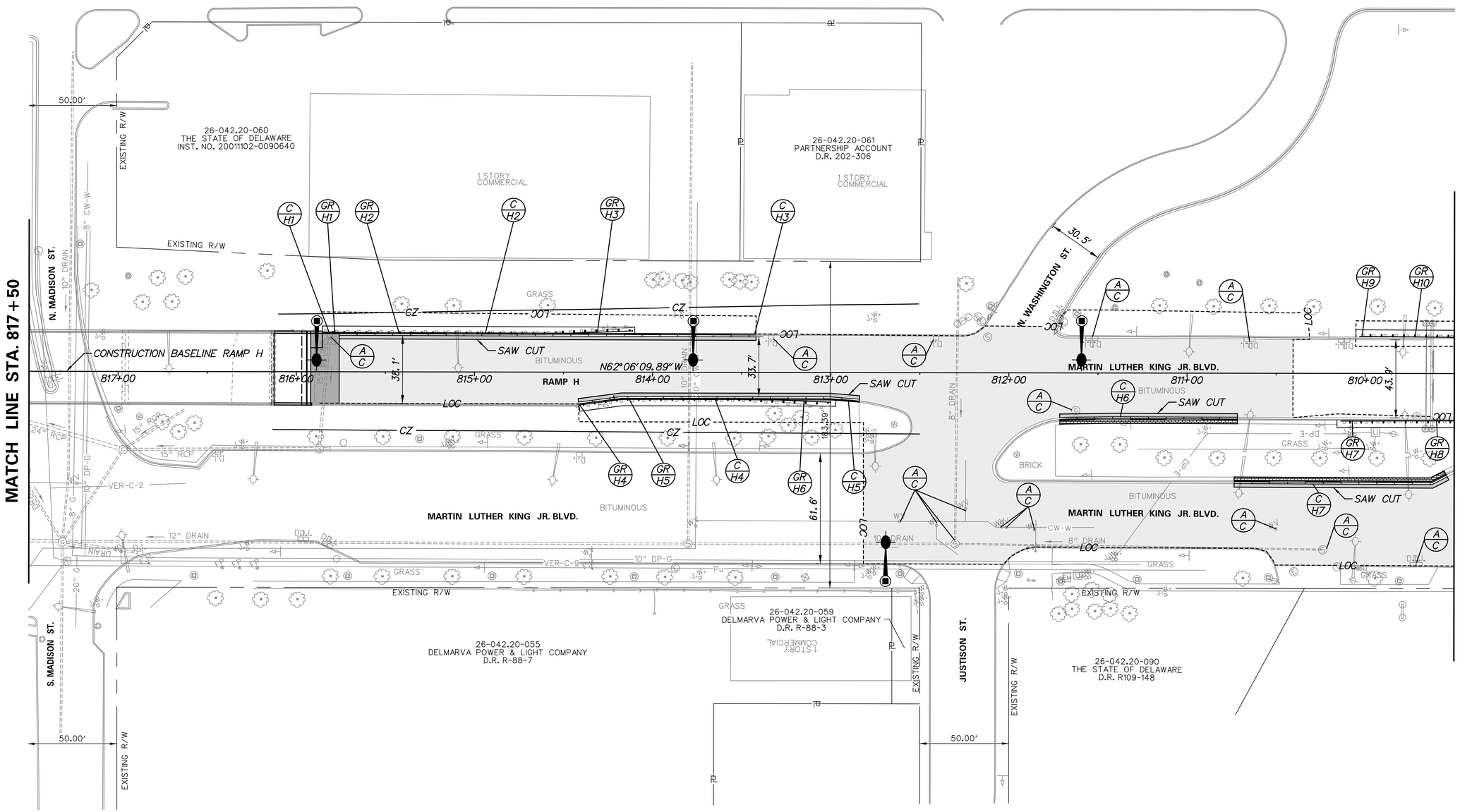
N:\31987-004\Contract_I-95\CADD\CP21.dgn
8/14/2019 8:32:59 AM

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
H1	TYPE 1-31 BARRIER CONNECTION	815+78.41	21.41	19.75′
H2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	815+58.66	21.20	98.00′
H3	TYPE 1 END TREATMENT	814+50.58	21.64	50.00′
H4	TYPE 1-31 BARRIER CONNECTION	814+41.33	-17.81	19.75′
H5	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	814+21.50	-15.20	92.00′
H6	TYPE 1 END TREATMENT	813+50.00	-14.64	50.00′
H7	END ANCHORAGE, TYPE 31	810+13.68	26.5′	12.00′
H8	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	810+01.68	26.5′	52.00′
H9	END ANCHORAGE, TYPE 31	810+03.08	20.5′	12.00′
H10	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	809+91.08	20.5′	42.00′

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
H1	PCC CURB, TYPE 1-4	9.75′
H2	I.P.C.C. CURB AND GUTTER, TYPE 3-4	108.00′
H3	I.P.C.C. CURB AND GUTTER, TYPE 3-2	120.00′
H4	I.P.C.C. CURB AND GUTTER, TYPE 3-4	92.00′
H5	I.P.C.C. CURB AND GUTTER, TYPE 3-2	66.00′
H6	I.P.C.C. CURB AND GUTTER, TYPE 3-6	100.00′
H7	I.P.C.C. CURB AND GUTTER, TYPE 3-6	121.00′

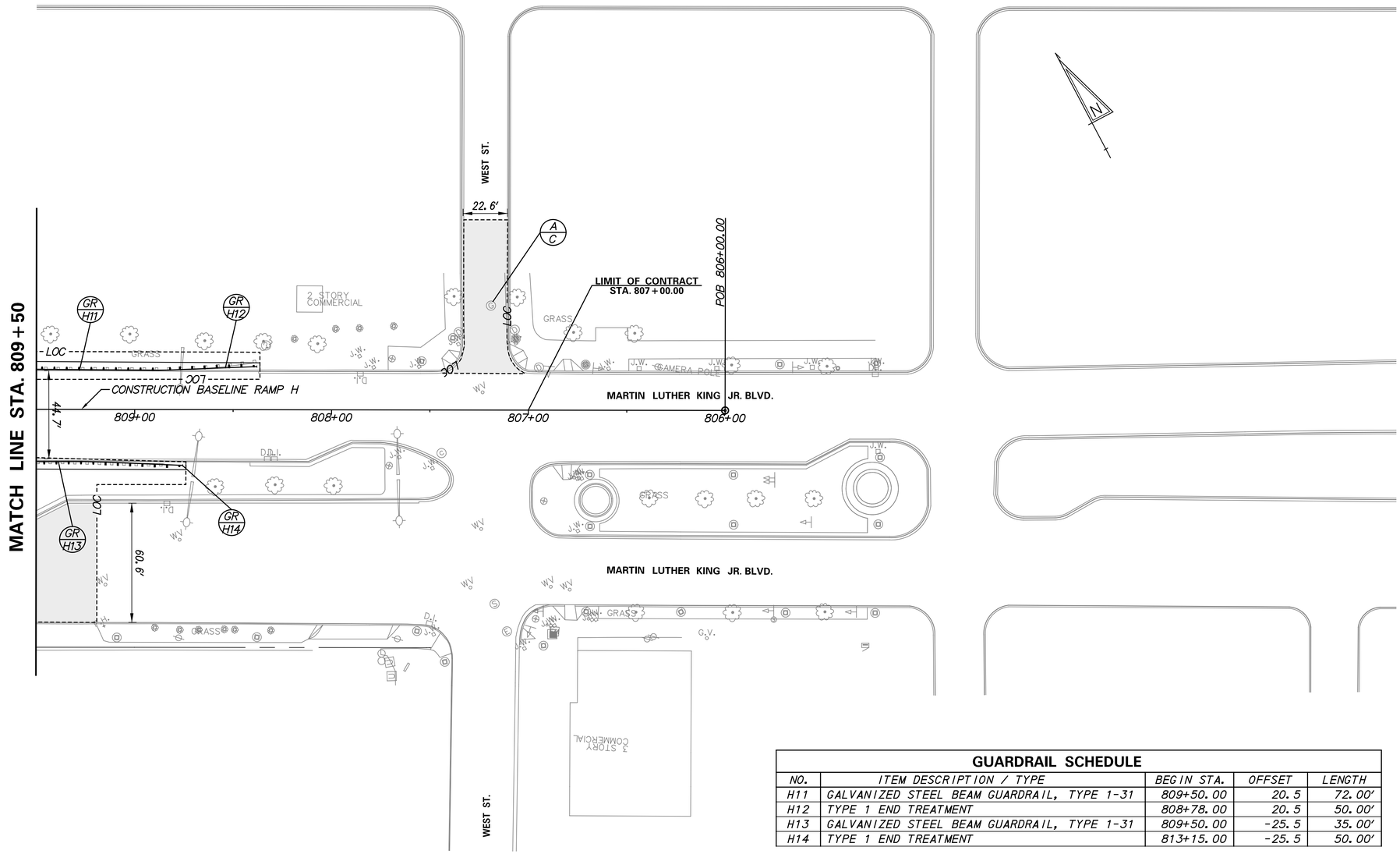


DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO. 1-758H	CONSTRUCTION PLAN
				COUNTY NEW CASTLE	DESIGNED BY: DHW	
					CHECKED BY: PAH	

CP-22

SHEET NO. 1-73

TOTAL SHTS. 1-178



GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
H11	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	809+50.00	20.5	72.00'
H12	TYPE 1 END TREATMENT	808+78.00	20.5	50.00'
H13	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	809+50.00	-25.5	35.00'
H14	TYPE 1 END TREATMENT	813+15.00	-25.5	50.00'

CP-23

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT T201407404 | BRIDGE NO. | DESIGNED BY: DHW | COUNTY NEW CASTLE | CHECKED BY: PAH

CONSTRUCTION PLAN

SHEET NO. 1-74 | TOTAL SHTS. 1-178

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
525	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31	1320+97.48	-53.91'	19.75'
526	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1321+17.23	-53.91'	32.77'
527	GUARDRAIL TO BARRIER CONNECTION (EXIT TYPE 31)	1320+93.44	65.06'	11.50'
528	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1321+04.94	65.06'	45.06'

FENCE SCHEDULE

NO.	QTY.	DESCRIPTION	NOTES
J1	144'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	CONSTRUCTION FENCE OUTSIDE OF CLEAR ZONE

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
502*	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	56.55
503*	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	56.55

*AT LIMITS OF BARRIER WHICH INTERFACE WITH A BRIDGE PARAPET, P.C.C. SAFETY BARRIER SHALL BE TRANSITIONED FROM A 42" F SHAPE FACE TO TIE INTO THE BRIDGE PARAPET'S HEIGHT, WIDTH, AND SHAPE OVER A DISTANCE OF TEN FEET. BARRIER FACE TRANSITION SHALL BE EVENLY DISTRIBUTED AND ALL COSTS OF LABOR, MATERIALS, FORMWORK, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCIDENTAL TO THE APPLICABLE P.C.C. SAFETY BARRIER ITEM.

ROADWAY CORE SCHEDULE

NO.	LOCATION	OFFSET	DESCRIPTION
PC-7	NB RT SHLDR	5.0' RT. EL	3" HMA, 6" STONE
PC-33	SB LT SHLDR	1.0' LT. EL	6.75" HMA, 8" CR

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
510	I.P.C.C. CURB AND GUTTER, TYPE 1-4	52.52
511	I.P.C.C. CURB AND GUTTER, TYPE 1-4	56.52
J1	INT. PCC CURB AND GUTTER, TYPE 3-4	151.00'
J2	INT. PCC CURB AND GUTTER, TYPE 3-4	170.00'

CONVERT TO JUNCTION BOX SCHEDULE

NO.	STATION	OFFSET	T.C. EL.	INV. EL.
504	910+10.18	-22.48	51.51	MATCH EX.

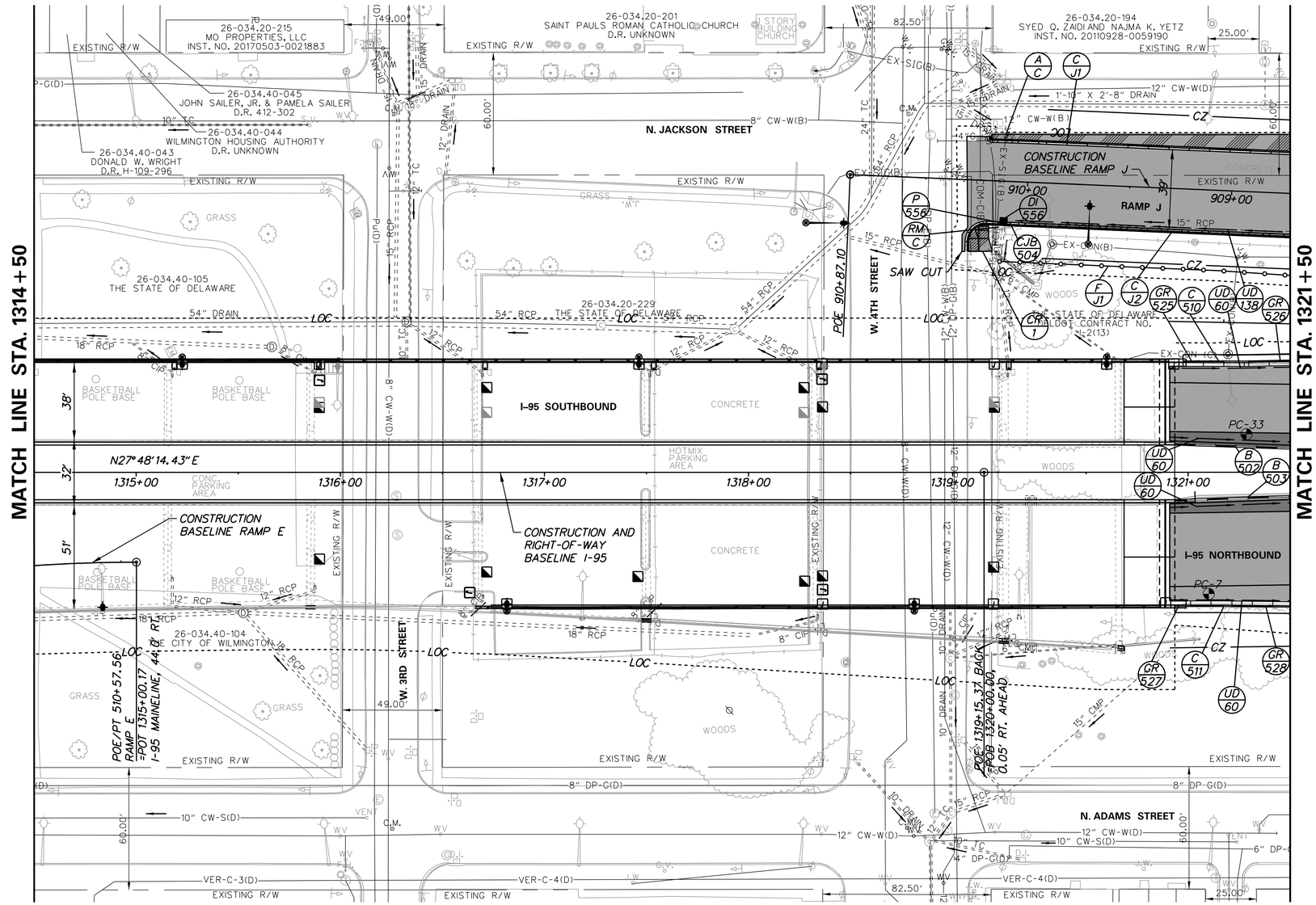
DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
*556	910+11.08	-21.01	34" x 24"	2	53.53	49.09

*INLET SHALL BE CAST IN PLACE AND CONNECTED TO CJB-504 WITH P-556

DRAINAGE PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
556	15" RCP	IV	1	0.0050	49.09	49.09



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-751
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-24
SECTION
WRA
SHEET NO.
75

N:\31987-004\Contract_I-95\CADD\CP24.dgn
8/14/2019 8:53:12 AM

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
533	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 3-31	1324+99.78	-60.31'	42.00'
534	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1321+50.00	-54.32'	349.92'
535	GUARDRAIL END TREATMENT, TYPE 3-31	1325+41.81	-61.60'	50.00'
536	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1321+50.00	65.49'	348.78'
J3	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	907+81.17	20.00'	502.50'
J4	END ANCHORAGE, TYPE 1-31	907+67.39	20.00'	14.00'
K1	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1000+00.00	26.00'	251.00'

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
504	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	600.13'
505	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	600.13'

DRAINAGE PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
526	15" RCP	IV	39'	0.0050	64.22	64.03
527	15" RCP	IV	37'	0.0050	64.51	64.32
528	15" RCP	IV	36'	0.0050	64.79	64.61
534	15" RCP	IV	2'	0.0100	64.34	64.33

ROADWAY CORE SCHEDULE

NO.	LOCATION	OFFSET	DESCRIPTION
PC-24	NB RT TRVL	5.0' RT. CL	2.75" HMA, 10.5" PCC, 4" SC

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
514	I.P.C.C. CURB AND GUTTER, TYPE 1-4	391.91'
606	I.P.C.C. CURB AND GUTTER, TYPE 1-2	44.27'
515	I.P.C.C. CURB AND GUTTER, TYPE 1-4	348.78'
J3	I.P.C.C. CURB AND GUTTER, TYPE 3-4	255.00'
J4	I.P.C.C. CURB AND GUTTER, TYPE 3-4	608.00'
K1	I.P.C.C. CURB AND GUTTER, TYPE 3-4	251.00'

CONVERT TO JUNCTION BOX SCHEDULE

NO.	STATION	OFFSET	T.C. EL.	INV. EL.
500	904+19.46	-10.42	66.76	MATCH EX.

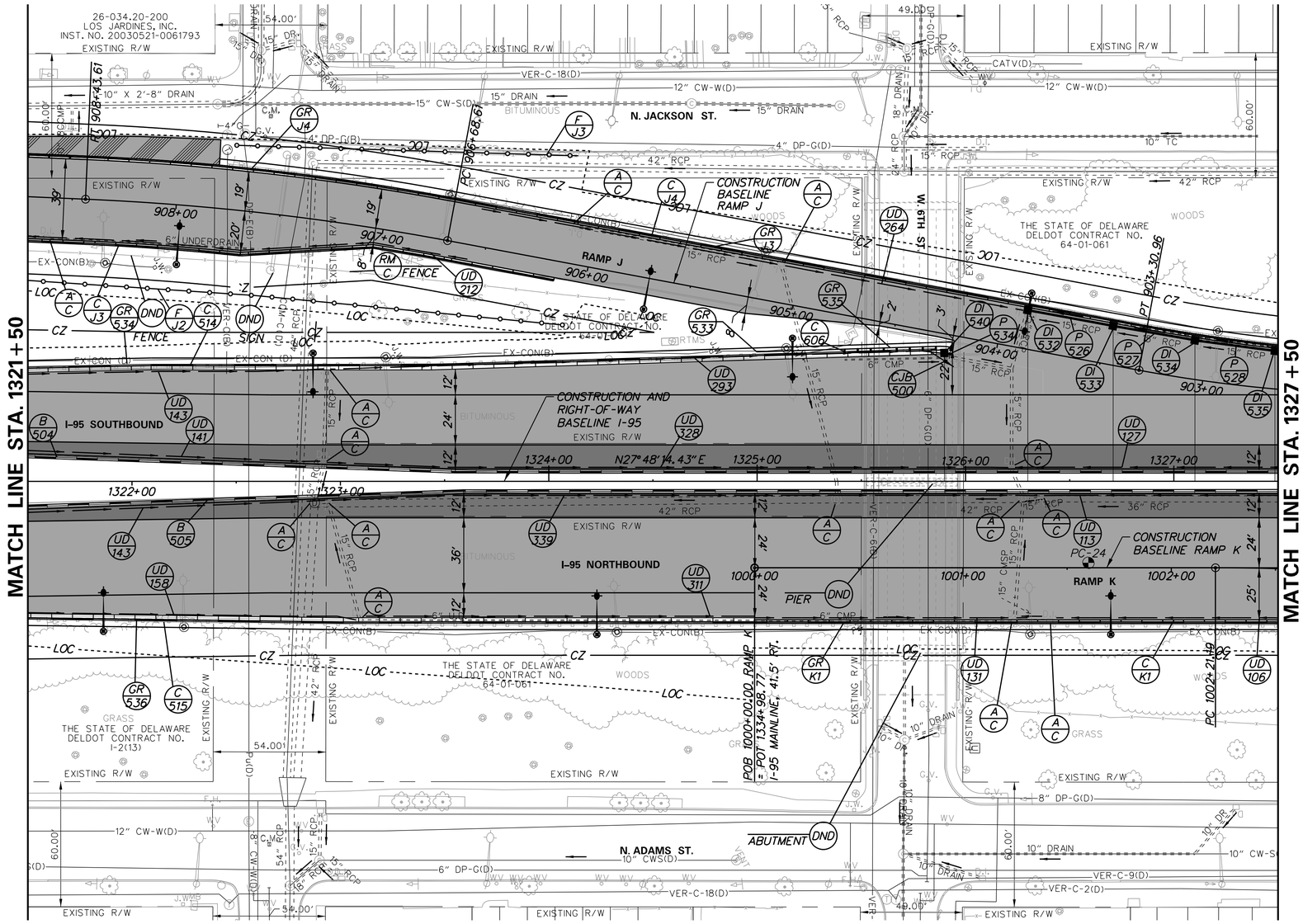
DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
532	903+88.66	19.83	34" x 24"	2	68.28	MATCH EX.
533	903+47.11	19.95	34" x 24"	2	68.08	64.22
534	903+06.55	20.01	34" x 24"	2	68.12	64.51
535	902+66.78	19.58	34" x 24"	2	68.39	64.79
*540	904+24.74	-7.08	34" x 24"	2	67.84	64.34

*INLET SHALL BE CAST IN PLACE AND CONNECTED TO CJB-500.

FENCE SCHEDULE

NO.	QTY.	DESCRIPTION	NOTES
J2	258'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	CONSTRUCT FENCE OUTSIDE OF CLEAR ZONE
J3	165'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND BASED ON GRADING



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-752, 1-753
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-25

SECTION WRA

SHEET NO. 76

N:\31987-004\Contrct_I-95\CADD\CP25.dgn
8/14/2019 8:53:14 AM

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
541	GUARDRAIL END TREATMENT, TYPE 3-31	1330+93.47	63.45'	50.00'
542	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1331+43.54	63.33'	23.13'
543	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1331+43.48	61.49'	206.61'
J1	GUARDRAIL TO BARRIER CONNECTION, EXIT TYPE 1-31	901+93.99	18.43'	12.00'
J2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	902+65.46	20.56'	70.00'
K2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1002+52.03	25.57'	602.00'
K3	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1006+69.15	-1.00'	185.00'

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
607	I.P.C.C. CURB AND GUTTER, TYPE 1-2	44.25'
517	I.P.C.C. CURB AND GUTTER, TYPE 1-4	206.61'
J5	I.P.C.C. CURB AND GUTTER, TYPE 3-4	82.00'
K2	I.P.C.C. CURB AND GUTTER, TYPE 3-4	602.00'

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
506	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	22.17'
507	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54"	55.50'
508	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	257.98'
509	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54"	55.50'
510	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	127.77'
511	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	600.00'
512	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	600.00'

DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
*500	1329+10.16	-57.50	34" x 18"	2	69.71	MATCH EX.
*501	1329+53.77	-57.50	34" x 18"	2	70.03	68.10
*502	1329+93.60	-57.50	34" x 18"	2	70.33	68.40
*503	1330+34.03	-57.50	34" x 18"	2	70.62	68.69
*504	1330+73.60	-57.50	34" x 18"	2	70.91	68.98
*505	1331+13.98	-57.50	34" x 18"	2	71.21	69.28
*506	1331+53.87	-57.50	34" x 18"	2	71.50	69.67
*507	1332+22.65	-57.50	34" x 18"	2	72.01	MATCH EX.
*508	1332+66.59	-57.50	34" x 18"	2	72.33	70.40
*509	1333+07.06	-57.50	34" x 18"	2	72.63	70.70
*510	1333+45.83	-57.50	34" x 18"	2	72.91	70.98
536	902+24.52	18.53	34" x 24"	2	68.70	65.10
537	901+84.47	17.18	34" x 24"	2	69.40	65.90
559	1329+10.15	-65.11	34" x 24"	2	72.23	66.26
560	1332+22.88	-62.13	34" x 24"	2	74.72	68.54

*INLET FRAME SHALL SIT DIRECTLY ON BOX WALLS

DRAINAGE PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
529	15" RCP	IV	38'	0.0055	65.10	64.89
530	15" RCP	IV	37'	0.0190	65.90	65.20
559	15" RCP	IV	5'	0.0100	66.26	66.21
560	15" RCP	IV	3'	0.0100	68.54	68.51

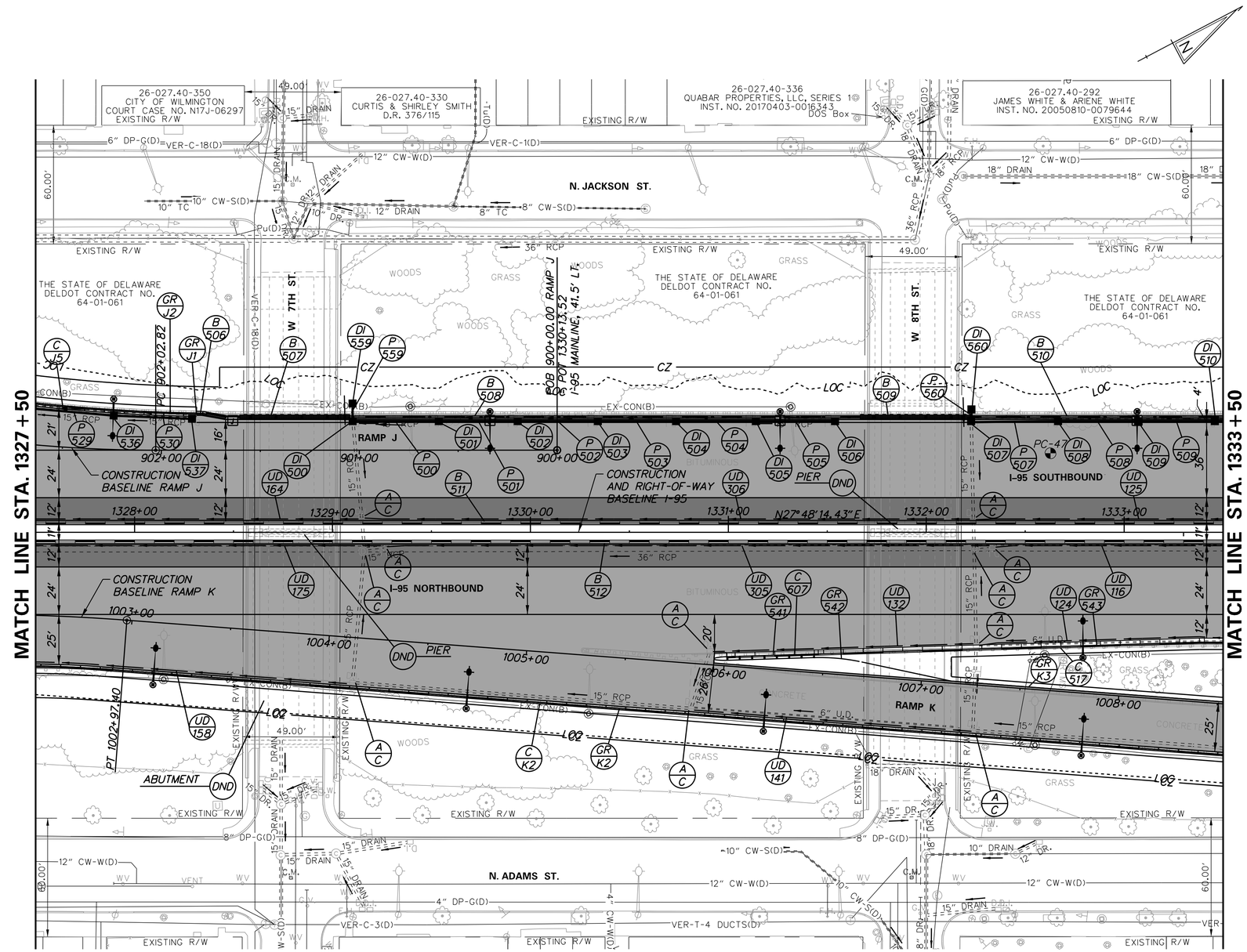
ROADWAY CORE SCHEDULE

NO.	LOCATION	OFFSET	DESCRIPTION
PC-47	SB RT TRVL	LT. EL	3.5" HMA, 10.3" PCC, 4" SC

*SLOTTED DRAIN PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
500	15" CPP-S	N/A	41'	0.0054	68.10	67.88
501	15" CPP-S	N/A	37'	0.0054	68.40	68.20
502	15" CPP-S	N/A	38'	0.0051	68.69	68.50
503	15" CPP-S	N/A	37'	0.0052	68.98	68.79
504	15" CPP-S	N/A	38'	0.0053	69.28	69.08
505	15" CPP-S	N/A	37'	0.0078	69.67	69.38
507	15" CPP-S	N/A	41'	0.0054	70.40	70.18
508	15" CPP-S	N/A	38'	0.0053	70.70	70.50
509	15" CPP-S	N/A	36'	0.0050	70.98	70.80

* SEE DETAILS, SHEET DT-11



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-754
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-26
SECTION WRA
SHEET NO. 77

N:\31987-004\Contract_I-95\CADD\CP26.dgn
8/14/2019 8:53:15 AM

UTILITY TEST HOLE SCHEDULE

NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O.D. & MATERIAL
48	SD-RCB	1337+46.28	65.93'	77.87	3.58'	--
49	SD-RCB	1337+46.28	56.07'	75.51	2.69'	--
50	SD-RCB	1337+47.74	-59.18'	75.82	2.79'	--

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
514	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	337.81'
515	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54"	54.50'
516	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	34.25'
517	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	600.00'
518	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	600.00'
519	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	579.75'
L1	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	175.00'

DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
*511	1333+85.97	-57.50	34" x 18"	1	73.21	71.28
*512	1334+26.45	-57.50	34" x 18"	1	73.51	71.58
*513	1334+65.72	-57.50	34" x 18"	1	73.80	71.87
*514	1335+45.89	-57.50	34" x 18"	1	74.38	72.45
*515	1335+86.61	-57.50	34" x 18"	1	74.68	72.75
*516	1336+25.92	-57.50	34" x 18"	1	74.97	73.04
*517	1336+65.69	-57.50	34" x 18"	1	75.26	73.43
518	1337+62.37	-57.50	34" x 24"	1	75.98	MATCH EX.
538	1338+02.10	-57.91	34" x 24"	1	76.26	71.09
539	1338+42.42	-60.21	34" x 24"	1	76.47	71.36
557	1012+00.76	-13.20	34" x 24"	1	96.47	92.97
*568	1335+07.19	-57.50	34" x 18"	1	74.10	72.17

*INLET FRAME SHALL SIT DIRECTLY ON BOX WALLS

DRAINAGE PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
531	15" RCP	IV	37'	0.0076	71.09	70.81
532	15" RCP	IV	38'	0.0066	71.36	71.11
533	15" RCP	IV	38'	0.0120	71.92	71.47
557	15" RCP	IV	30'	TBD	92.97	TBD

ROADWAY CORE SCHEDULE

NO.	LOCATION	OFFSET	DESCRIPTION
PC-25	NB RT TRVL	6.0' LT. EL	2.75" HMA, 9.75" PCC, 3.75" SC

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
608	I.P.C.C. CURB AND GUTTER, TYPE 3-2	19.75'
K3	I.P.C.C. CURB AND GUTTER, TYPE 3-4	313.00'
K4	P.C.C. CURB, TYPE 1-6	14.00'
K5	P.C.C. CURB, TYPE 1-8	29.00'

*SLOTTED DRAIN PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
510	15" CPP-S	N/A	37'	0.0054	71.28	71.08
511	15" CPP-S	N/A	38'	0.0053	71.58	71.38
512	15" CPP-S	N/A	36'	0.0052	71.87	71.68
513	15" CPP-S	N/A	39'	0.0052	72.17	71.97
561	15" CPP-S	N/A	36'	0.0050	72.45	72.27
514	15" CPP-S	N/A	38'	0.0053	72.75	72.55
515	15" CPP-S	N/A	36'	0.0052	73.04	72.85
516	15" CPP-S	N/A	37'	0.0078	73.43	73.14

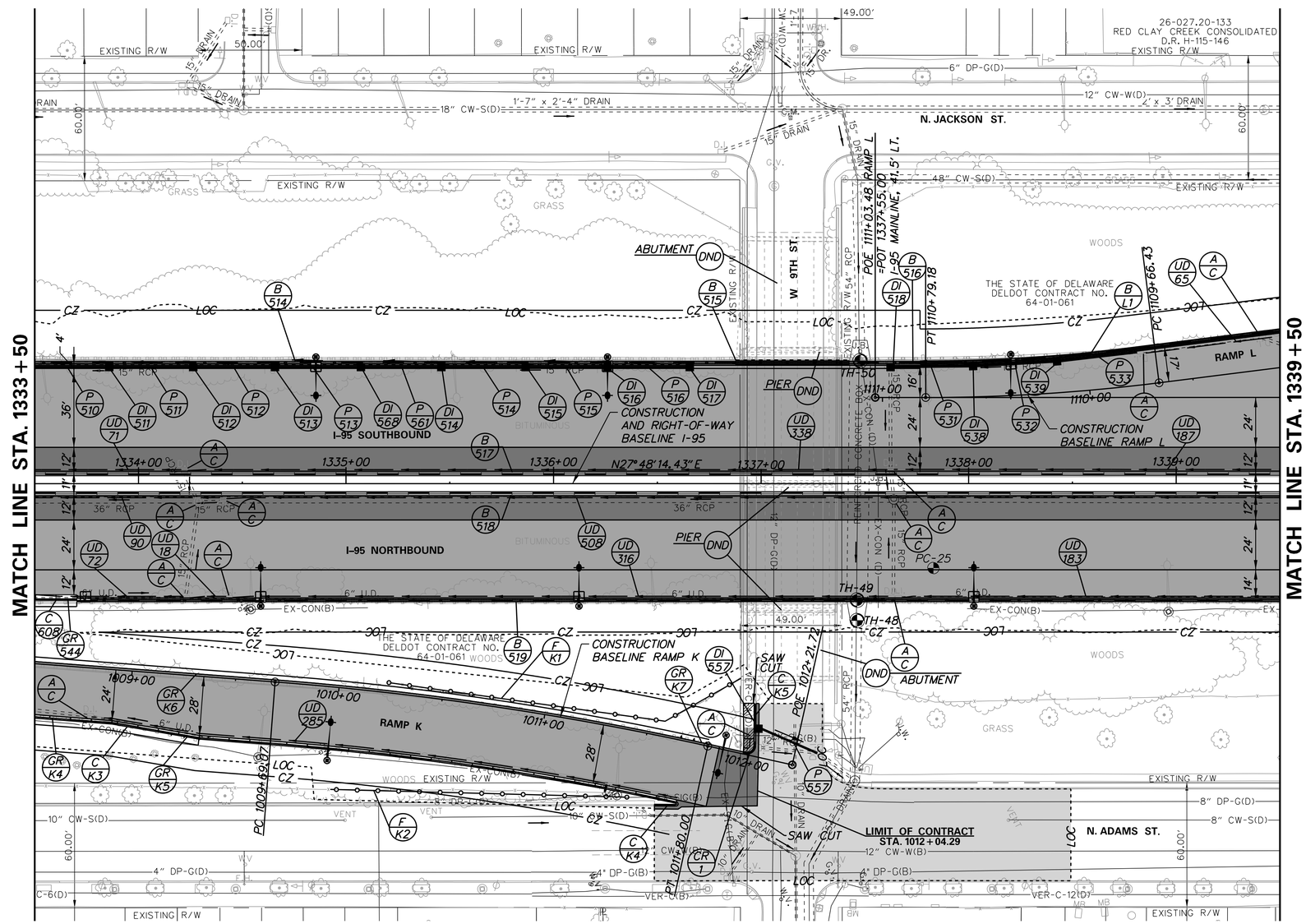
* SEE DETAILS, SHEET DT-11

FENCE SCHEDULE

NO.	QTY.	DESCRIPTION	NOTES
K1	177'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND BASED ON GRADING
K2	144'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND BASED ON GRADING

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
544	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31	1333+50.50	55.50'	19.75'
K4	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	100+54.87	25.50'	67.00'
K5	END ANCHORAGE 31	1009+21.02	28.22'	14.00'
K6	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	108+52.84	-1.00'	313.00'
K7	END ANCHORAGE 31	1011+66.38	-1.00'	14.00'



ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-755, 1-756
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-27

SECTION WRA

SHEET NO. 78

N:\31987-004\Contract I-95\CADD\CP27.dgn 8/14/2019 8:53:16 AM

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
555	GUARDRAIL TO BARRIER CONNECTION (EXIT TYPE 31)	1344+96.22	38.00′	11.50′
556	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 3-31	1345+07+97	38.00′	41.11′
L1	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31	1107+48.94	17.00′	20.00′
L2	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31	1107+49.25	-2.00′	20.00′
L3	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1107+28.94	17.00′	55.00′
L4	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1107+29.22	-2.00′	448.00′
L5	PERMANENT IMPACT ATTENUATOR, TYPE 1	1106+74.20	17.00′	50.00′
M1	PERMANENT IMPACT ATTENUATOR, TYPE 1	1202+01.19	23.35′	50.00′
M2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1202+52.32	20.00′	55.00′
M3	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31	1203+08.09	20.00′	20.00′
M4	PERMANENT IMPACT ATTENUATOR, TYPE 1	1200+72.80	-5.92′	50.00′
M5	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1201+22.49	-4.00′	210.00′
M6	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31	1203+41.64	-4.00′	20.00′

FENCE SCHEDULE

NO.	QTY.	DESCRIPTION	NOTES
M1	90′	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND FOR CONDUIT INSTALL
M2	124′	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	CONSTRUCT FENCE OUTSIDE OF CLEAR ZONE
M3	100′	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND FOR CONDUIT INSTALL
M4	66′	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND FOR CONDUIT INSTALL
L1	355′	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND BASED ON GRADING
L2	86′	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND BASED ON GRADING

BARRIER SCHEDULE

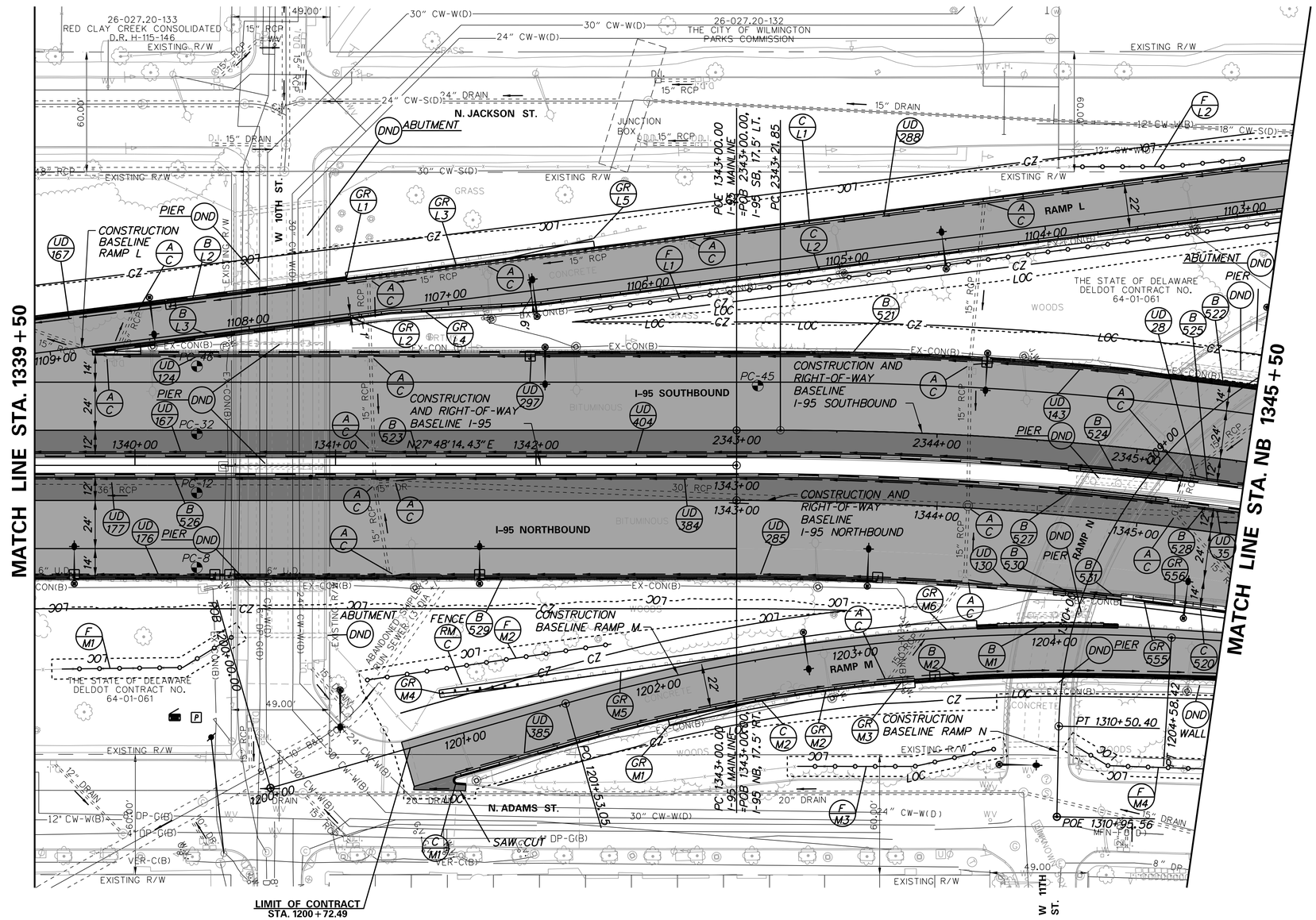
NO.	ITEM DESCRIPTION / TYPE	LENGTH
521	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42″ TYPE 1	513.60′
522	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54″	66.00′
523	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42″ TYPE 1	515.73′
524	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54″	55.00′
525	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42″ TYPE 1	32.65′
526	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42″ TYPE 1	510.88′
527	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54″	54.50′
528	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42″ TYPE 1	36.30′
529	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42″ TYPE 1	508.30′
530	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54″	26.50′
531	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42″ TYPE 1	7.25′
L2	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42″ TYPE 1	157.00′
L3	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42″ TYPE 1	129.00′
M1	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54″	71.00′
M2	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42″ TYPE 1	151.00′

ROADWAY CORE SCHEDULE

NO.	LOCATION	OFFSET	DESCRIPTION
PC-8	NB RT SHLDR	4.5′ RT. EL	7″ HMA
PC-12	NB LT SHLDR	9.0′ LT. EL	6.5″ HMA, 6.5+″ CR
PC-32	SB LT SHLDR	6.0′ LT. EL	7″ HMA, 7.5″ STONE
PC-45	SB RT TRVL	6.0′ LT. EL	3″ HMA, 10.5″ PCC, 3″ SC
PC-46	SB RT SHLDR	3.0′ RT. EL	8″ HMA, 5+″ SC

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
520	I.P.C.C. CURB AND GUTTER, TYPE 1-2	52.69′
L1	I.P.C.C. CURB AND GUTTER, TYPE 3-4	473.00′
L2	I.P.C.C. CURB AND GUTTER, TYPE 3-4	468.00′
M1	P.C.C. CURB, TYPE 1-6	10.00′
M2	I.P.C.C. CURB AND GUTTER, TYPE 3-4	234.00′



ADDENDA / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-756, 1-757
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-28

SECTION	SHEET NO.
WRA	79

N:\31987-004\Contract_I-95\CADD\CP28.dgn
8/14/2019 8:53:17 AM

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
557	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 3-31	1345+50.00	38.00'	39.79'
558*	END ANCHORAGE 31, DOUBLE FACE	1345+90.71	38.00'	12.50'
611	PERMANENT IMPACT ATTENUATOR, TYPE 4	2350+31.51	-43.51	50.00'
L5	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1102+81.69	-7.00'	134.00'
L6	PERMANENT IMPACT ATTENUATOR, TYPE 1	1101+14.04	-4.67'	40.00'
N1	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31	1308+14.81	24.00'	20.00'
N2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1307+97.09	24.00'	213.00'
N3	GUARDRAIL TO BARRIER CONNECTION (EXIT TYPE 31)	1306+20.51	24.00'	12.00'
N4	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31	1307+72.21	-6.00'	20.00'
N5	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1307+51.87	-6.00'	248.00'
N6	GUARDRAIL TO BARRIER CONNECTION (EXIT TYPE 31)	1305+00.07	-3.59'	12.00'

*SEE DRAWING DT-13

FENCE SCHEDULE

NO.	QTY.	DESCRIPTION	NOTES
L3	45'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND BASED ON GRADING
M5	324'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND FOR CONDUIT INSTALL
O1	47'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND FOR CONDUIT INSTALL

UNDERDRAIN OUTLETS

NO.	LENGTH	DIS. EL.
N1	32.00'	86.9

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
542	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	398.24'
543	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54"	46.50'
544	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	13.55'
545	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	333.66'
546	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54"	120.00'
547	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	147.95'
548	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	329.65'
549	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54"	122.50'
550	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	148.63'
551	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	270.51'
M3	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	327.00'
N1	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	371.00'
N2	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 54"	154.00'

DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
520	1349+29.94	-10.83	34" x 24"	1	82.63	75.96
522	1350+42.15	-11.26	72" x 24"	1	87.57	79.27
523	1351+11.21	-11.13	34" x 24"	1	88.37	81.10
541	2347+22.46	11.50	34" x 24"	1	83.24	MATCH EX.
542	2350+52.17	10.11	34" x 24"	1	86.75	MATCH EX.
551	1303+44.36	21.01	34" x 24"	1	85.23	81.73
552	1303+11.36	21.11	34" x 24"	1	85.11	MATCH EX.
553	1302+79.44	21.20	34" x 24"	1	85.21	81.71
558	1205+22.46	17.46	34" x 24"	1	79.33	75.84

DRAINAGE PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
519	24" RCP	IV	2'	0.0100	81.10	81.08
535	30" RCP	IV	81'	0.0088	76.78	76.06
536	30" RCP	IV	323'	0.0077	79.27	76.78
518	30" RCP	IV	2'	0.0088	75.96	75.95
551	15" RCP	IV	30'	0.0239	81.73	81.01
553	15" RCP	IV	29'	0.0240	81.71	81.01
558	15" RCP	IV	11'	0.0050	75.84	75.79
575	15" RCP	IV	3'	0.0183	80.12	80.07

ROADWAY CORE SCHEDULE

NO.	LOCATION	OFFSET	DESCRIPTION
PC-16	SB RT SHLDR	5.0' RT. EL	7" HMA
PC-22	NB LT SHLDR	4.0' LT. EL	8" HMA, 8" CR
PC-26	NB RT TRVL	6.0' LT. EL	2.75" HMA, 10" PCC, 4.25" SC
PC-27	NB RT TRVL	6.0' RT. CL	2.5" HMA, 10.3" PCC, 5.75" SC

CONVERT TO JUNCTION BOX SCHEDULE

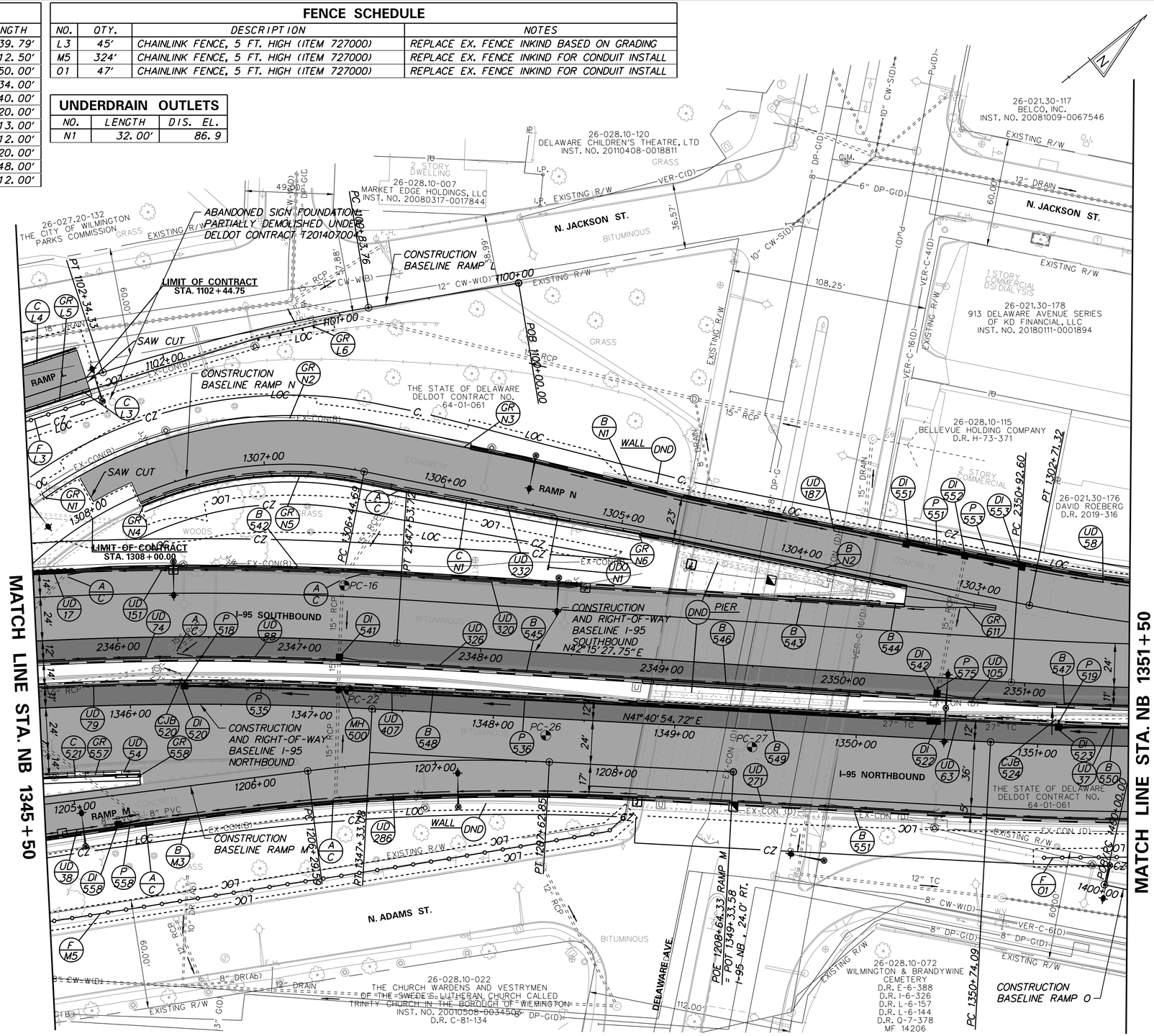
NO.	STATION	OFFSET	T.C. EL.	INV. EL.
520	1346+30.13	-14.44	79.81	MATCH EX.
524	1351+11.25	-14.96	84.50	MATCH EX.

MANHOLE SCHEDULE

NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INV. EL.
500	1347+14.17	-9.55	48" x 30"	83.57	76.78

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
521	I.P.C.C. CURB AND GUTTER, TYPE 1-2	53.50'
L3	I.P.C.C. CURB AND GUTTER, TYPE 3-4	38.00'
L4	I.P.C.C. CURB AND GUTTER, TYPE 3-4	32.00'
N1	I.P.C.C. CURB AND GUTTER, TYPE 3-4	281.00'



N:\31987-004\Contract_I-95\CADD\CP29.dgn
8/14/2019 8:53:18 AM

ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-29

SECTION: WRA

SHEET NO. 80

FENCE SCHEDULE

NO.	QTY.	DESCRIPTION	NOTES
02	512'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	CONSTRUCT FENCE OUTSIDE OF CLEAR ZONE
P1	194'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND BASED ON GRADING

CONVERT TO JUNCTION BOX SCHEDULE

NO.	STATION	OFFSET	T.C. EL.	INV. EL.
525	2352+68.13	15.98	85.94	MATCH EX.
526	1354+14.39	-10.26	87.14	MATCH EX.
529	1355+64.14	-8.10	88.20	MATCH EX.
531	1357+12.98	-6.19	94.30	MATCH EX.
532	1352+60.84	35.92	89.65	MATCH EX.
530	1355+66.16	41.36	93.84	MATCH EX.

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
576	GUARDRAIL TO BARRIER CONNECTION (EXIT TYPE 31)	1355+75.58	48.00'	11.50'
577	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 3-31	1355+86.76	48.00'	168.01
578	GUARDRAIL TO BARRIER CONNECTION (APPROACH TYPE 31)	2357+12.89	-50.00'	11.50'
579	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	2357+24.74	-50.00'	21.31'
01	PERMANENT IMPACT ATTENUATOR, TYPE 1	1404+51.65	21.70'	40.00'
02	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1404+90.33	17.00'	156.00'
P1	END ANCHORAGE 31	1503+85.98	21.05'	14.00'
P2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1503+53.40	20.37'	32.00'

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
552	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	381.64'
553	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	594.36'
554	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	597.23'
555	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	437.58'
N5	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	212.00'

DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
524	1352+62.27	-8.35	34" x 24"	1	89.26	82.54
525	1354+14.41	-6.65	34" x 24"	1	92.36	83.83
527	2355+58.52	-50.50	72" x 24"	1	90.22	86.51
528	1355+64.25	-5.42	34" x 24"	1	92.99	MATCH EX.
529	1355+66.20	47.50	34" x 24"	1	95.30	91.14
531	1352+63.61	43.28	34" x 24"	1	92.91	MATCH EX.
543	2352+67.60	9.92	34" x 24"	1	89.28	MATCH EX.
544	2355+64.29	8.65	34" x 24"	1	92.82	MATCH EX.
567	1351+92.70	39.83	34" x 24"	1	91.80	MATCH EX.
555	1405+65.54	-1.00	34" x 24"	1	99.15	92.90

DRAINAGE PIPE SCHEDULE

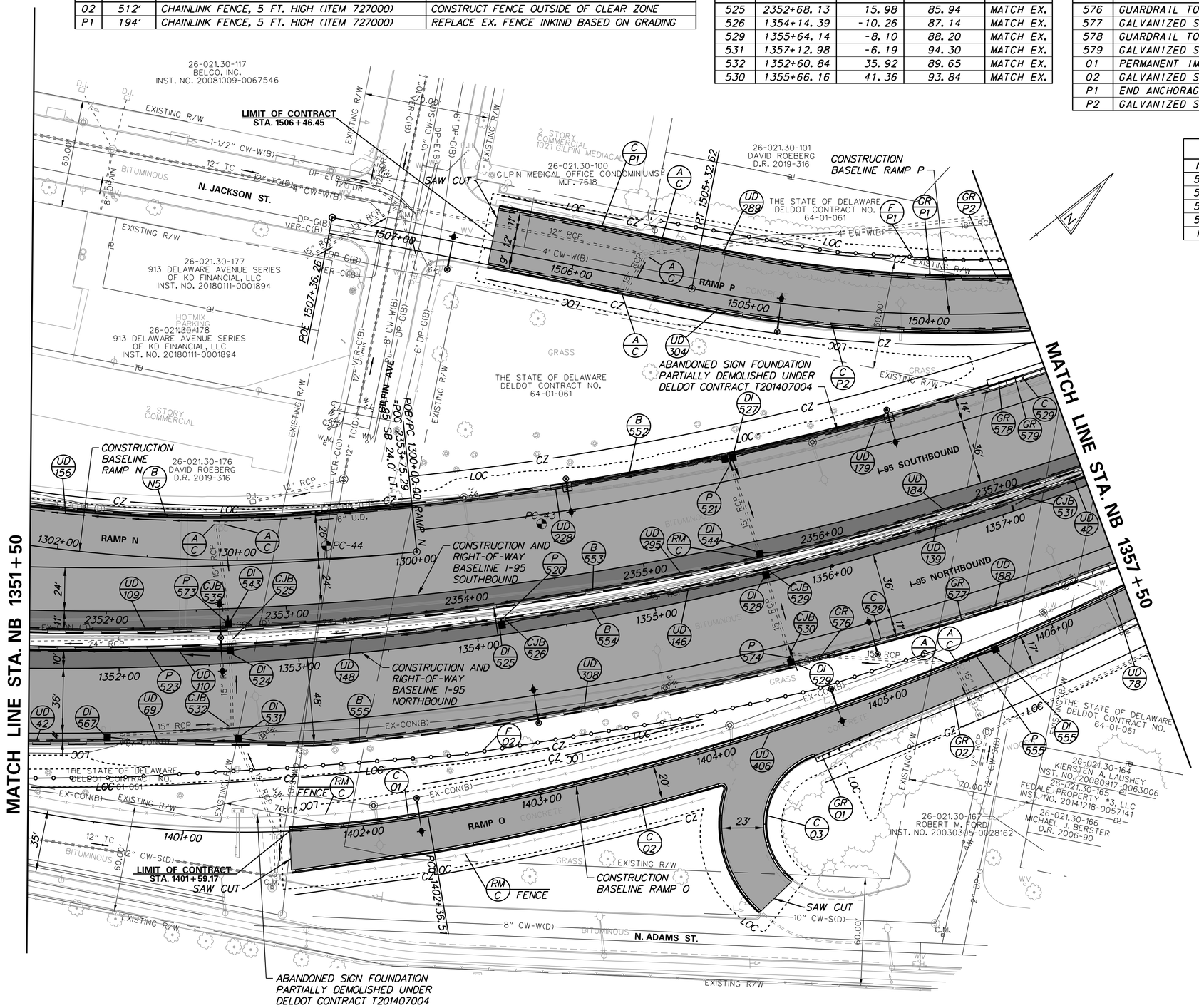
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
520	15" RCP	IV	2'	0.0100	83.83	83.81
521	15" RCP	IV	8'	0.0166	86.51	86.38
523	24" RCP	IV	147'	0.0091	82.54	81.20
555	15" RCP	IV	20'	0.0111	92.90	92.68
573	15" RCP	IV	7'	0.0040	82.73	82.70
574	15" RCP	IV	2'	0.0100	91.14	91.12

ROADWAY CORE SCHEDULE

NO.	LOCATION	OFFSET	DESCRIPTION
PC-43	SB RT TURN	4.0' LT. EL	2.5" HMA, 10.5" PCC
PC-44	SB RT TURN	5.0' LT. EL	2.75" HMA, 10" PCC, 3.5" SC

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
528	I.P.C.C. CURB AND GUTTER, TYPE 1-4	179.21'
529	I.P.C.C. CURB AND GUTTER, TYPE 1-4	32.90'
P1	I.P.C.C. CURB AND GUTTER, TYPE 3-4	288.00'
P2	I.P.C.C. CURB AND GUTTER, TYPE 3-4	305.00'
01	I.P.C.C. CURB AND GUTTER, TYPE 3-4	486.00'
02	I.P.C.C. CURB AND GUTTER, TYPE 3-4	323.00'
03	I.P.C.C. CURB AND GUTTER, TYPE 3-4	88.00'



ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-759
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-30

SECTION: WRA

SHEET NO. 81

N:\31987-004\Contract_I-95\CADD\CP30.dgn
8/14/2019 8:53:20 AM

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
587	GUARDRAIL TO BARRIER CONNECTION (EXIT TYPE 31)	2361+14.54	-50.00'	11.50'
588	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	2360+97.25	-50.00'	17.41'
590	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	2357+46.70	-50.00'	41.57'
591	GUARDRAIL END TREATMENT, TYPE 3-31	2357+89.55	-50.00'	50.00'
592	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 3-31	1357+50.00	48.00'	42.11'
593*	END ANCHORAGE 31, DOUBLE FACE	1357+90.92	48.00'	12.50'
P3	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1500+05.14	14.00'	345.00'
03	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	1406+43.71	17.00'	233.00'
04	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 31)	1408+68.18	18.50'	20.00'

*SEE DRAWING DT-13

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
556	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	118.00'
557	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	82.80'
558	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	118.26'
559	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	82.80'
560*	P.C.C. SAFETY BARRIER, PERMANENT, DOUBLE FACE, BIFURCATED	140.57'

*AT LIMITS OF BARRIER WHICH INTERFACE WITH TWO SEPARATE BRIDGE PARAPETS, P.C.C. SAFETY BARRIER SHALL BE TRANSITIONED FROM A 42" F SHAPE FACE TO THE TIE INTO THE BRIDGE PARAPET'S HEIGHT, WIDTH, AND SHAPE OVER A DISTANCE OF TWENTY FEET. BARRIER FACE TRANSITION SHALL BE EVENLY DISTRIBUTED AND ALL COSTS OF LABOR, MATERIALS, FORMWORK, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCIDENTAL TO THE APPLICABLE P.C.C. SAFETY BARRIER ITEM.

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
535	I.P.C.C. CURB AND GUTTER TYPE 1-4	41.58'
610	I.P.C.C. CURB AND GUTTER TYPE 1-2	44.31'
536	I.P.C.C. CURB AND GUTTER TYPE 1-4	55.66'
537	I.P.C.C. CURB AND GUTTER TYPE 3-4	28.92'
P3	I.P.C.C. CURB AND GUTTER TYPE 3-4	30.00'
P4	I.P.C.C. CURB AND GUTTER TYPE 3-4	345.00'
04	I.P.C.C. CURB AND GUTTER TYPE 3-4	14.00'
05	I.P.C.C. CURB AND GUTTER TYPE 3-2	42.00'

FENCE SCHEDULE

NO.	QTY.	DESCRIPTION	NOTES
P2	348'	CHAINLINK FENCE, 5 FT. HIGH (ITEM 727000)	REPLACE EX. FENCE INKIND BASED ON GRADING

DRAINAGE PIPE SCHEDULE

NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE (FT/FT)	INT. EL.	DIS. EL.
537	15" RCP	IV	144'	0.0130	94.88	93.01
550	15" RCP	IV	23'	0.0298	89.45	88.78
554	18" RCP	IV	9'	0.0100	90.33	90.24

DRAINAGE INLET SCHEDULE

NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
545	1358+63.84	-4.30	34" x 24"	1	97.15	MATCH EX.
546	1360+11.20	-4.29	34" x 24"	1	98.68	94.88
550	1502+74.57	18.76	72" x 24"	1	92.95	89.45
554	1503+17.91	-9.00	34" x 24"	1	93.83	90.33

ROADWAY CORE SCHEDULE

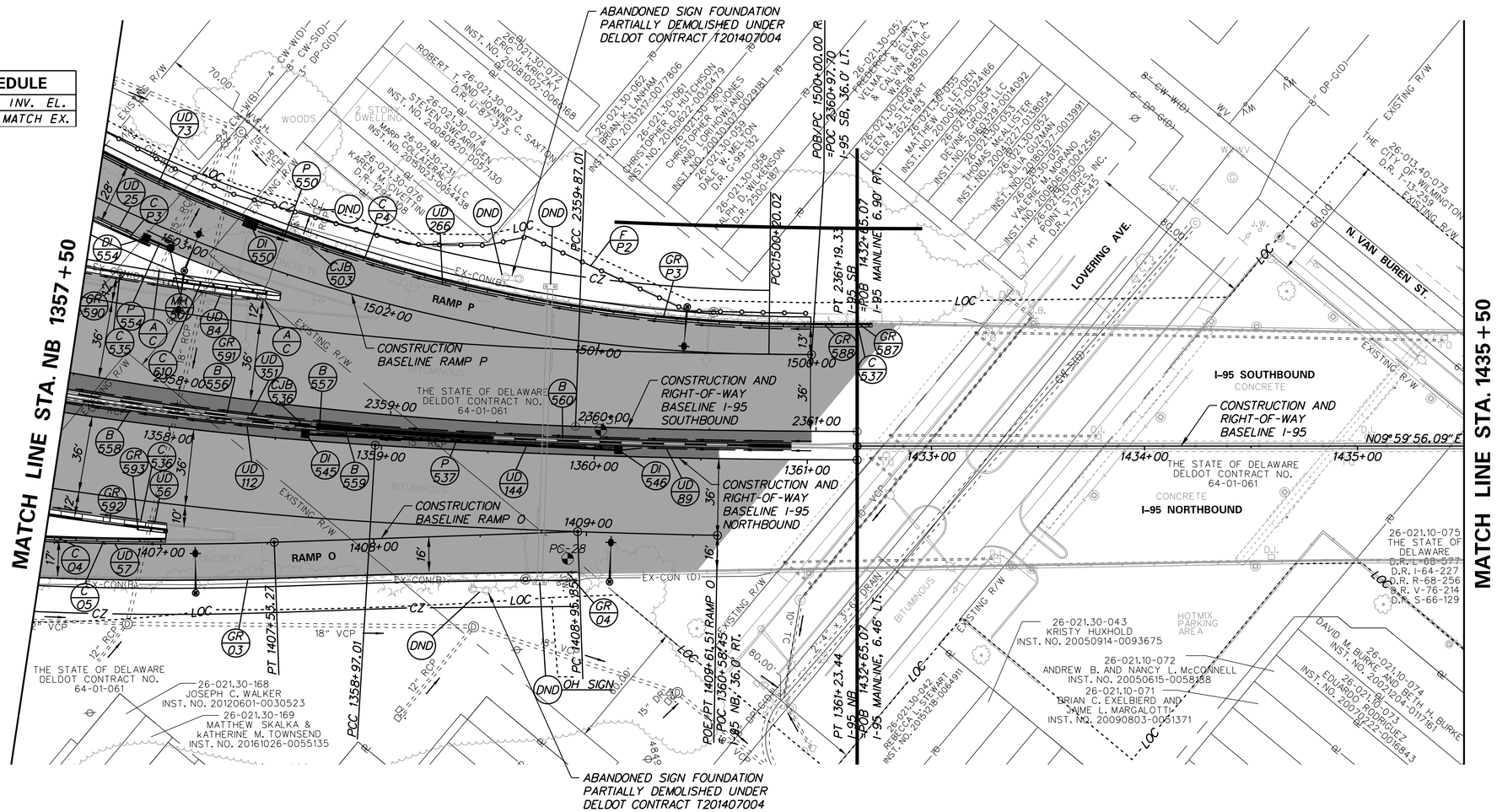
NO.	LOCATION	OFFSET	DESCRIPTION
PC-28	NB RT TRVL	1.0' LT. EL	2.5" HMA, 11.5" PCC, 3.75" SC
PC-31	SB LT SHLDR	1.0' LT. EL	6" HMA, 12" CR

MANHOLE SCHEDULE

NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INV. EL.
501	1503+05.64	-7.54	48" x 30"	93.76	85.57

CONVERT TO JUNCTION BOX SCHEDULE

NO.	STATION	OFFSET	T.C. EL.	INV. EL.
503	1502+46.46	16.81	91.22	MATCH EX.



N:\31987-004\Contract_I-95\CADD\CP31.dgn
8/14/2019 8:53:21 AM

ADDENDA / REVISIONS	

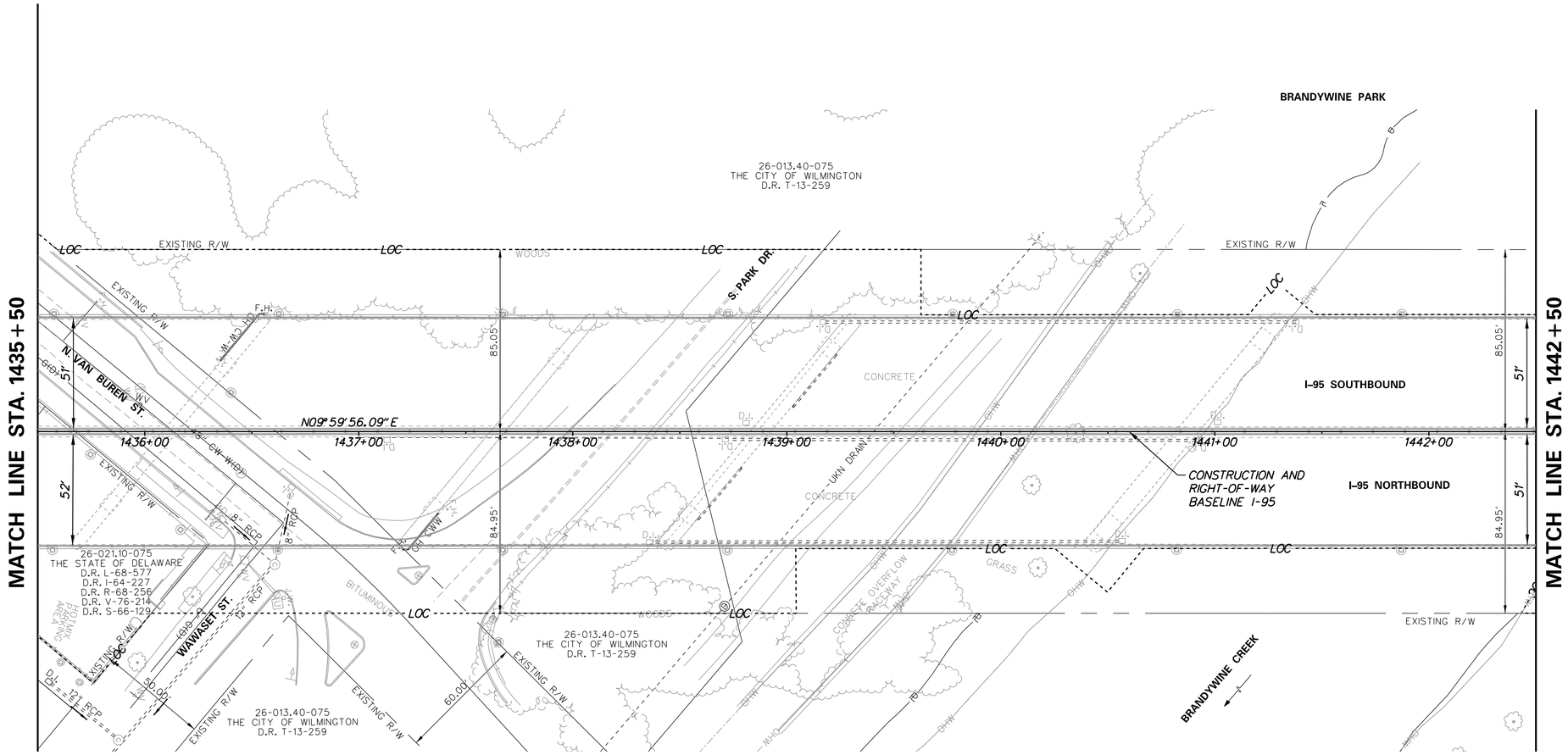
SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-759
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-31
SECTION
WRA
SHEET NO.
82



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

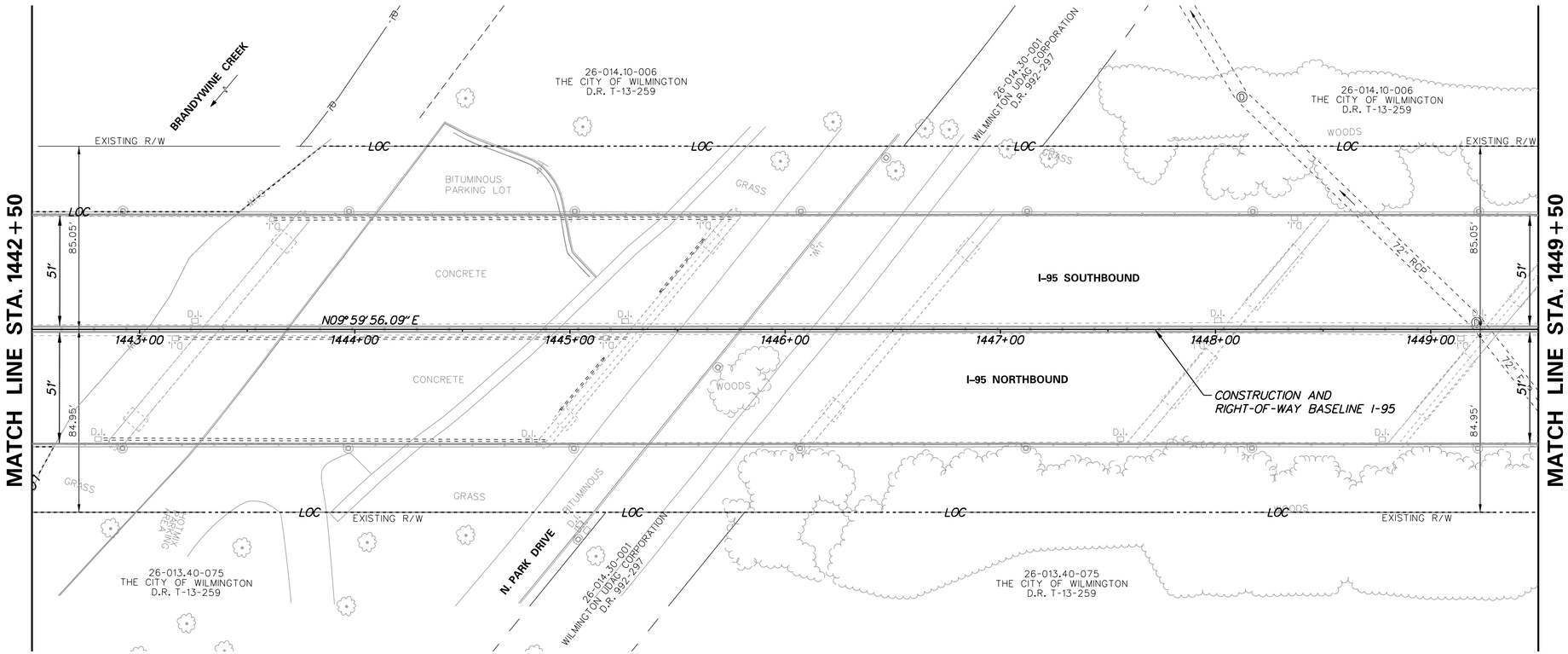
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-759
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-32
SECTION
WRA
SHEET NO.
83

N:\31987-094\Contract_I-95\CADD\CP32.dgn
8/14/2019 8:53:22 AM



N:\31987-004\Contract_I-95\CADD\CP33.dgn
8/14/2019 8:53:22 AM

ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	1-759
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-33
SECTION
WRA
SHEET NO.
84

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
598	GUARDRAIL TO BARRIER CONNECTION, APPROACH TYPE 1-31	2452+31.53	-47.36'	19.75'
599	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	2452+50.98	-47.58'	408.57

BARRIER SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
604*	P.C.C. SAFETY BARRIER, PERMANENT, DOUBLE FACE, BIFURCATED	225.27'
605	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	86.68'
606	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	149.62'
607	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	86.68'
608	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	149.22'

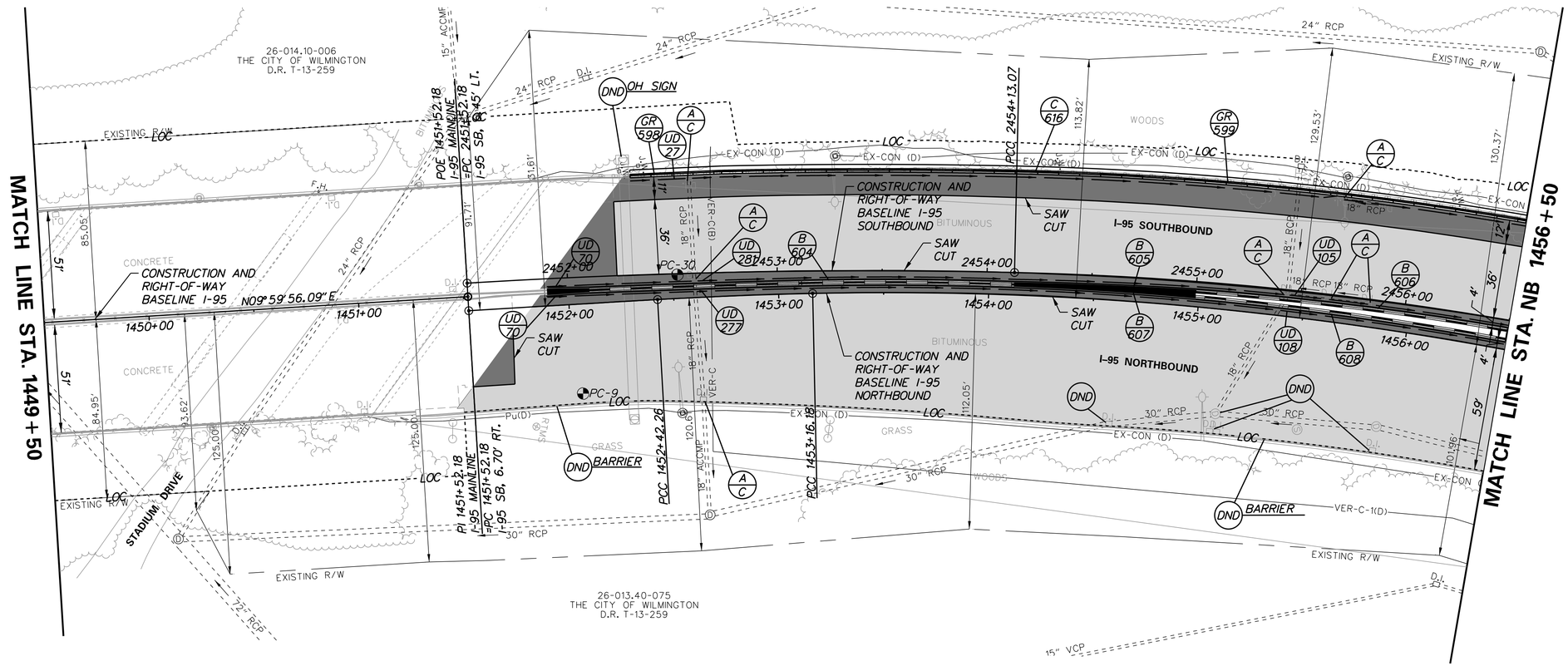
*AT LIMITS OF BARRIER WHICH INTERFACE WITH TWO SEPARATE BRIDGE PARAPETS, P.C.C. SAFETY BARRIER SHALL BE TRANSITIONED FROM A 42" F SHAPE FACE TO THE TIE INTO THE BRIDGE PARAPET'S HEIGHT, WIDTH, AND SHAPE OVER A DISTANCE OF TWENTY FEET. BARRIER FACE TRANSITION SHALL BE EVENLY DISTRIBUTED AND ALL COSTS OF LABOR, MATERIALS, FORMWORK, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCIDENTAL TO THE APPLICABLE P.C.C. SAFETY BARRIER ITEM.

ROADWAY CORE SCHEDULE

NO.	LOCATION	OFFSET	DESCRIPTION
PC-9	NB RT SHLDR	4.5' RT. EL	16.5" HMA
PC-30	SB LT SHLDR	0.5' LT. EL	2" HMA, 8.5" PCC, 7.5+" CR

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
616	I.P.C.C. CURB AND GUTTER, TYPE 3-4	428.32'



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: JAD
COUNTY	
NEW CASTLE	CHECKED BY: BRT

CONSTRUCTION PLAN

CP-34
SECTION
WRA
SHEET NO.
85

N:\31987-004\Contract_I-95\CADD\CP34.dgn
8/14/2019 8:53:23 AM

GUARDRAIL SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
601	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31	2456+50	-48.00'	103.00'

BARRIER SCHEDULE

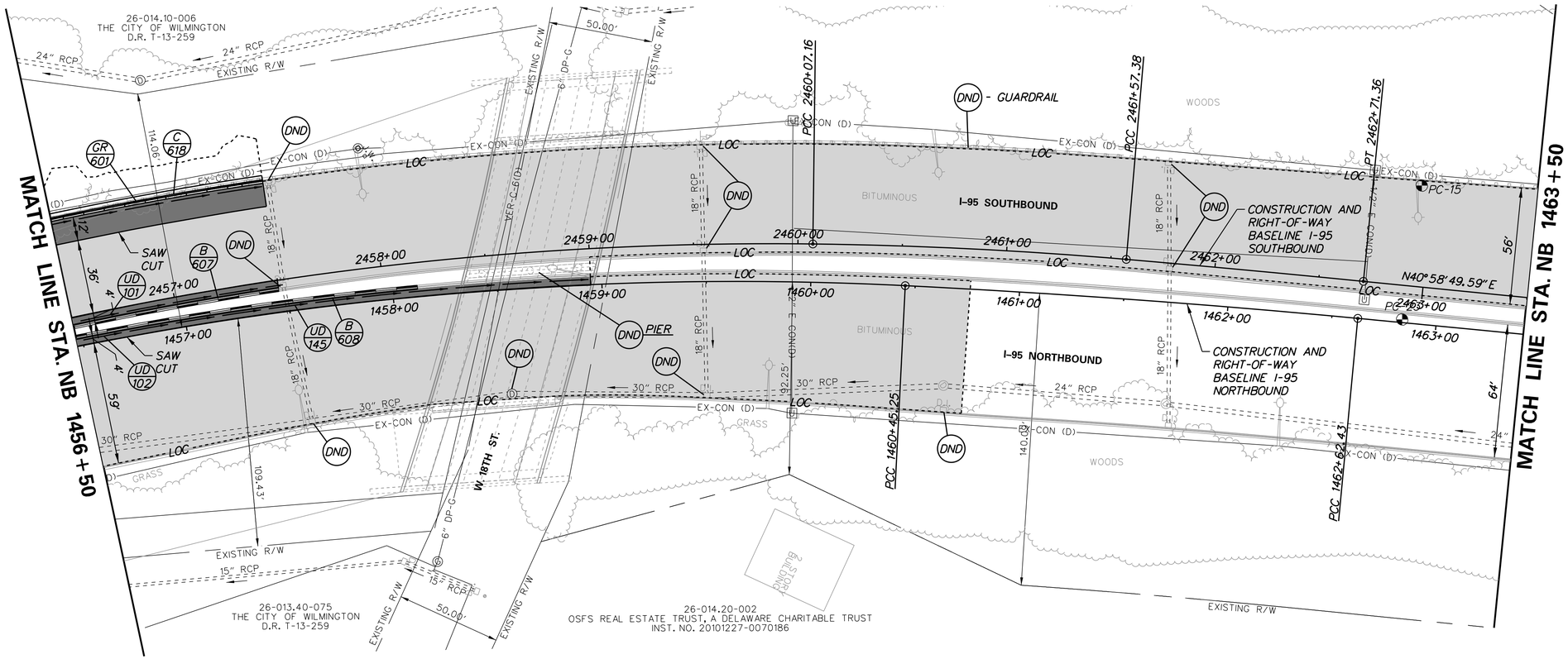
NO.	ITEM DESCRIPTION / TYPE	LENGTH
607	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	99.76'
608	P.C.C. SAFETY BARRIER, PERMANENT, SINGLE FACE, 42" TYPE 1	165.18'

ROADWAY CORE SCHEDULE

NO.	LOCATION	OFFSET	DESCRIPTION
PC-15	SB RT SHLDR	6.0' RT. EL	7.5' HMA, 8" CR
PC-23	NB LT SHLDR	1.5' LT. EL	1.75" HMA, 13" PCC, 1" STONE

CURB SCHEDULE

NO.	ITEM DESCRIPTION / TYPE	LENGTH
618	I.P.C.C. CURB AND GUTTER, TYPE 3-4	103.00'



N:\31987-004\Contract_I-95\CADD\CP35.dgn
8/14/2019 8:53:24 AM

ADDENDA / REVISIONS	

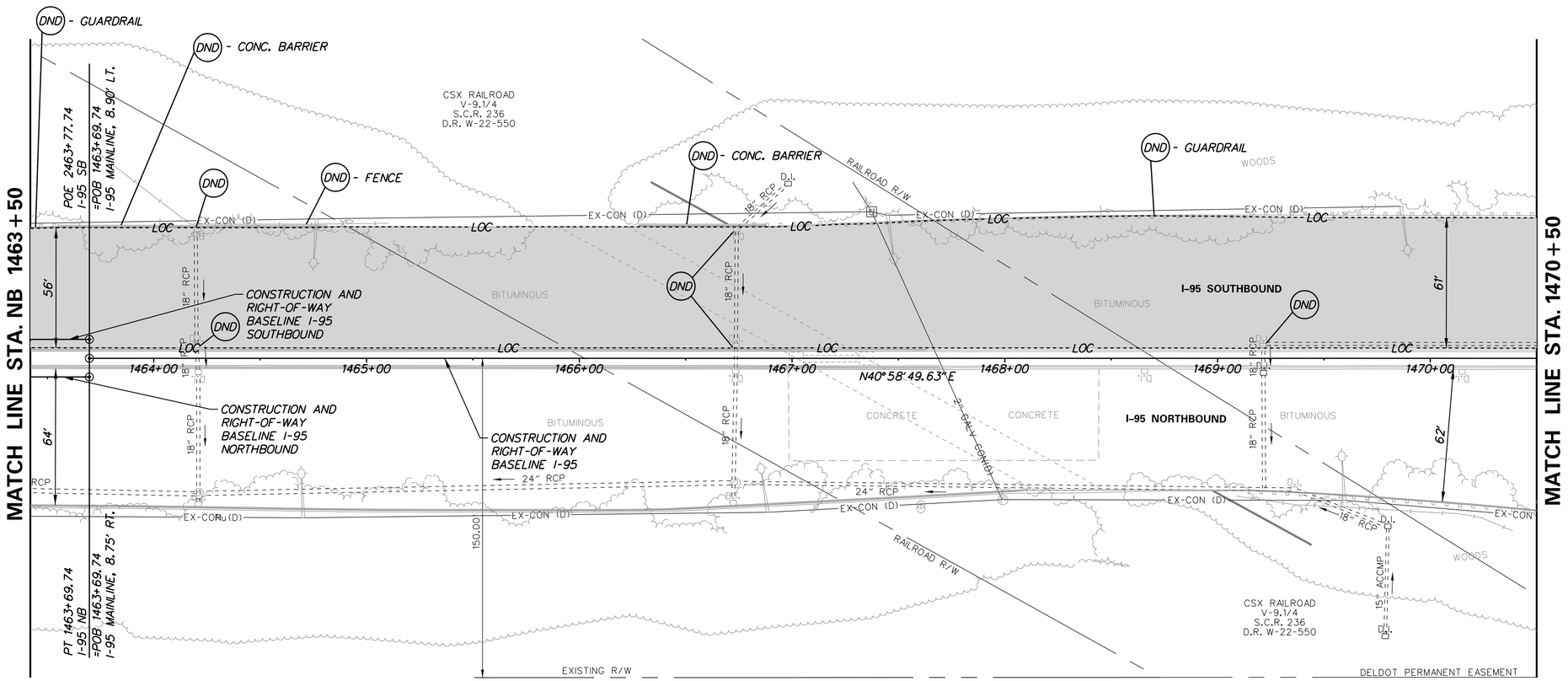
SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: JAD
COUNTY	
NEW CASTLE	CHECKED BY: BRT

CONSTRUCTION PLAN

CP-35
SECTION
WRA
SHEET NO.
86



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

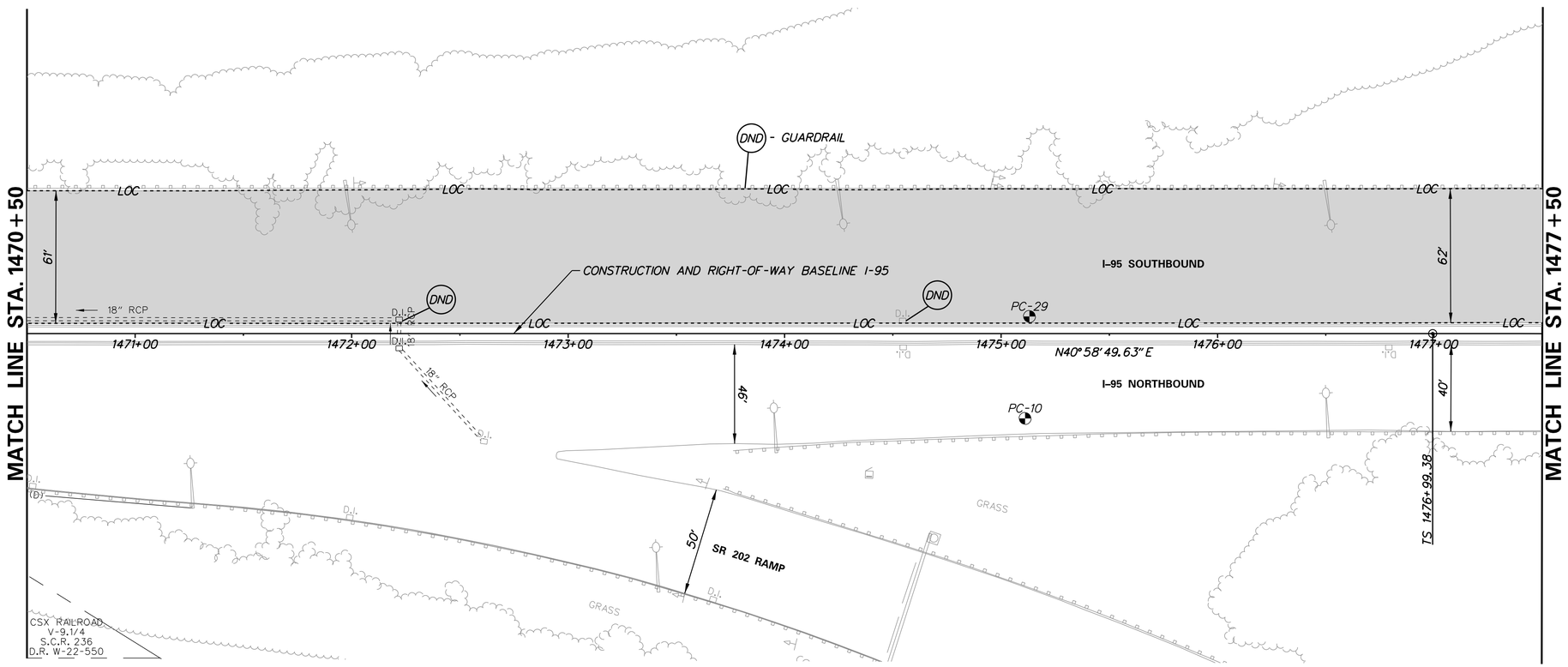
CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-36
SECTION
WRA
SHEET NO.
87

N:\31987-004\Contract_I-95\CADD\CP36.dgn
8/14/2019 8:53:25 AM

ROADWAY CORE SCHEDULE			
NO.	LOCATION	OFFSET	DESCRIPTION
PC-10	NB RT SHLDR	6.0' RT. EL	3" HMA, 12.5" PCC
PC-29	SB LT SHLDR	1.0' LT. EL	20" HMA



N:\31987-004\Contract_I-95\CADD\CP37.dgn
8/14/2019 8:53:26 AM

ADDENDA / REVISIONS	

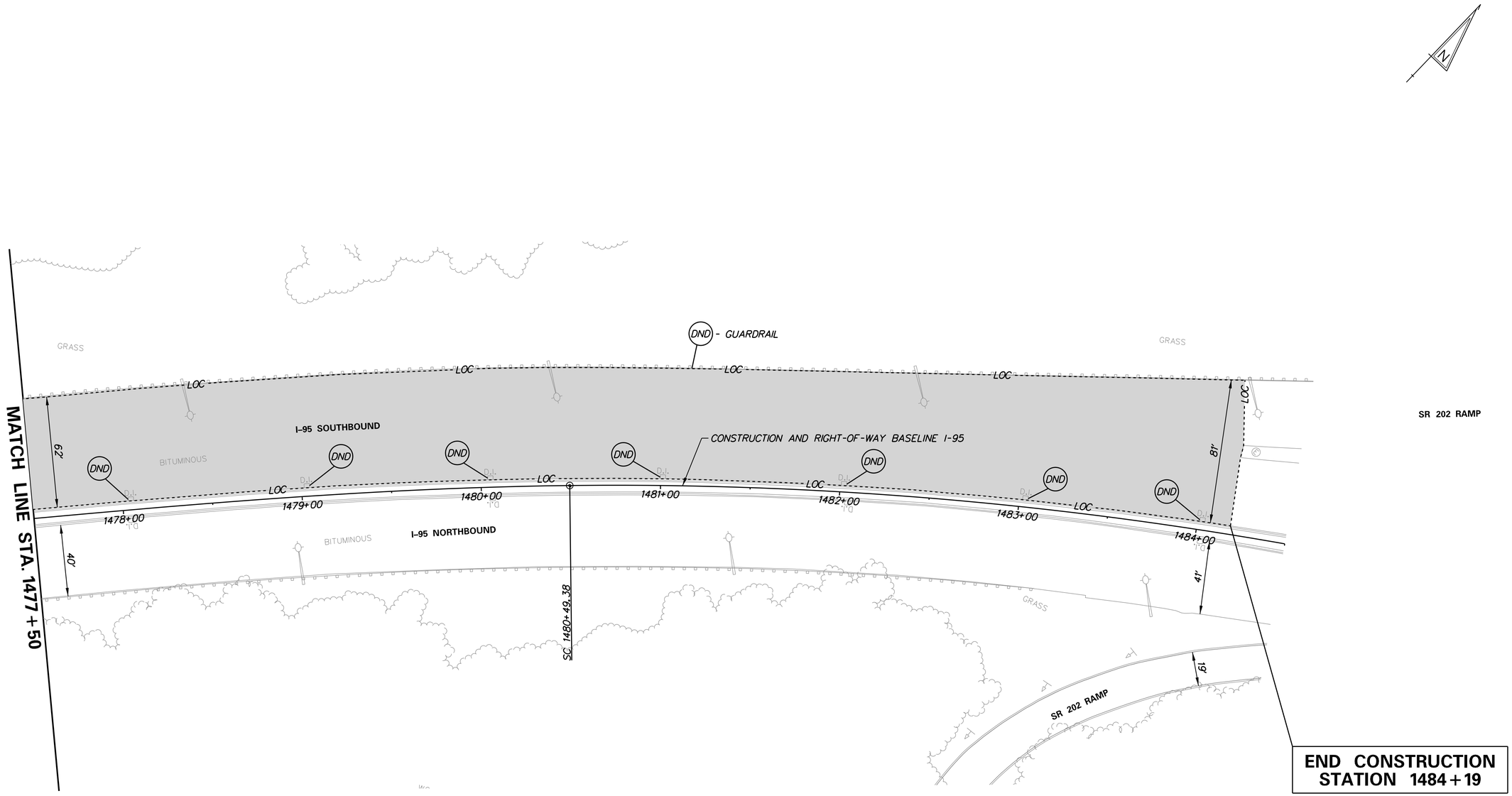
SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-37
SECTION
WRA
SHEET NO.
88



N:\31987-004\Contract_I-95\CADD\CP38.dgn
8/14/2019 8:53:26 AM

ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: JAD	
COUNTY		
NEW CASTLE	CHECKED BY: BRT	

CONSTRUCTION PLAN

CP-38
SECTION
WRA
SHEET NO.
89

TRAFFIC CONTROL NOTES

1) LANE SHIFTS ON I-95 SHALL BE INSTALLED IN ACCORDANCE WITH THE TEMPORARY SIGNING AND STRIPING SHOWN IN TYPICAL APPLICATION TA-36.

2) THIS PROJECT IS CONSIDERED A SIGNIFICANT PROJECT AS DEFINED BY DELDOT'S WORK ZONE MOBILIITY PROCEDURES AND GUIDELINES. A TYPE B TRANSPORTATION MANAGEMENT PLAN (TMP) HAS BEEN PREPARED AND IS AVAILABLE FOR VIEWING BY CONTACTING THE DEPARTMENT'S SAFETY PROGRAMS MANAGER AT (302) 659-4060. ALL MONITORING REQUIREMENTS OF THE TMP SHALL BE CONDUCTED BY DELDOT FORCES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL COMPLETE MODIFICATIONS TO THE TMP IF THE CONTRACTOR DESIRES TO CHANGE THE TIME RESTRICTIONS OR THE TRAFFIC CONTROL PLAN. THE MODIFIED TMP SHALL BE PREPARED BY A LICENSED PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF DELAWARE.

3) ALL NECESSARY SIGNS SHALL BE INSTALLED PRIOR TO THE OPENING/REOPENING/CLOSING OF A ROADWAY OR RAMP. THE CONTRACTOR SHALL SCHEDULE A WALKTHROUGH WITH THE ENGINEER, TRAFFIC SAFETY SECTION, TRAFFIC CONSTRUCTION SECTION, AND OTHER PERSONNEL SHALL OCCUR NO LESS THAN 48 HOURS PRIOR TO THE OPENING/REOPENING OF ANY ROAD OR RAMP.

4) DURING THE PERIOD BETWEEN PHASES, THE LIMITS OF THE WORK ZONE MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER IN THE FIELD. A WARNING SIGN SHALL NOT BE PAID WHILE THE SIGN IS NOT IN USE, INCLUDING DURATIONS WHEN THE CONTRACTOR CHOOSES TO BAG THE SIGN.

5) ALL WORK REQUIRING LANE CLOSURES IN ADDITION TO THE PERMANENT LANE CLOSURES SHOWN ON THE CONTRUCTION PHASING, MAINTENANCE OF TRAFFIC AND EROSION CONTROL PLANS SHALL BE COMPLETED DURING HOURS SHOWN IN TABLES ON DRAWING CS-02.

6) REMOVAL OF EXISTING PAVEMENT MARKINGS AS DIRECTED BY THE ENGINEER SHALL BE PAID UNDER ITEM 817031 - REMOVAL OF PAVEMENT STRIPING. ALL MARKINGS THAT ARE NO LONGER IN USE AND CONFLICT WITH THE TEMPORARY PAVEMENT MARKINGS IN USE DURING A GIVEN PHASE ARE TO BE REMOVED BY THE CONTRACTOR AND MUST BE COMPLETELY OBLITERATED BY WATERBLASTING. PAINTING OVER THE CONFLICTING STRIPING WILL NOT BE ACCEPTED AS A METHOD OF REMOVAL. THE CONTRACTOR SHALL HAVE AT LEAST 2 WATERBLASTING TRUCKS ON SITE ANYTIME PAVEMENT MARKING REMOVAL IS BEING PERFORMED. IF WEATHER CONDITIONS (FREEZING TEMPERATURES) PREVENT WATERBLASTING, THEN ALTERNATE REMOVAL METHODS MAY BE PERMITTED WITH APPROVAL OF THE ENGINEER.

7) THE CONTRACTOR SHALL SUPPLY PORTABLE CHANGEABLE MESSAGE SIGNS UNDER ITEM 803001 - FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN. THE CONTRACTOR MUST DESIGNATE A PERSON RESPONSIBLE FOR THESE MESSAGE BOARDS. RELOCATING THE MESSAGE BOARDS TO DIFFERENT LOCATIONS WILL BE INCIDENTAL TO ITEM 743004. IN ADDITION TO THE LOCATIONS DEPICTED ON THE TRAFFIC CONTROL PLANS, MESSAGE BOARDS SHALL BE POSTED ALONG I-95 NORTBOUND AND SOUTHBOUND INFORMING MOTORISTS OF CHANGES IN TRAFFIC PATTERNS ASSOCIATED WITH EACH PHASE OF CONSTRUCTION. THE PCMSs SHALL DISPLAY THE MESSAGE "NEW TRAFFIC PATTERN" (SCREEN 1) "ON OR ABOUT MM/DD" (SCREEN 2) FOR SEVEN DAYS PRIOR TO TRAFFIC PATTERN CHANGES AND THE MESSAGE "NEW TRAFFIC PATTERN" (SCREEN 1) "USE CAUTION" (SCREEN 2) FOR SEVEN DAYS AFTER THE TRAFFIC PATTERN HAS BEEN CHANGED. ALL LOCATIONS AND MESSAGES FOR THE MESSAGE BOARDS SHALL BE APPROVED BY THE DISTRICT SAFETY OFFICER.

8) TEMPORARY IMPACT ATTENUATORS ON I-95 SHALL BE DESIGNED FOR A 70 MPH DESIGN SPEED. TEMPORARY IMPACT ATTENUATORS IN USE ON OTHER ROADWAYS SHALL BE DESIGNED FOR THE DESIGN SPEED OF THE ROADWAY OR 85TH PERCENTILE PREVAILING SPEED, AS APPROVED BY THE ENGINEER.

9) THE REFLECTIVE LENSES ONLY OF ANY EXISTING RAISED/RECESSED PAVEMENT MARKERS IN CONFLICT WITH PROPOSED TEMPORARY STRIPING SHALL BE REMOVED. PAYMENT FOR REMOVAL OF THE REFLECTIVE LENSES WILL BE INCIDENTAL TO ITEM 801000 - MAINTENANCE OF TRAFFIC. REFER TO SIGNING, STRIPING AND CONDUIT PLANS FOR INSTALLATION OF PERMANENT PLOWABLE RAISED PAVEMENT MARKERS.

10) W11-10 (48"x48") TRUCK WARNING SIGNS SHALL BE INSTALLED 500 FEET IN ADVANCE OF ALL ACTIVE STABILIZED CONSTRUCTION ENTRANCES (SCEs). THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF THE TRUCK WARNING SIGNS WITH OTHER SIGNING AS APPROVED BY THE ENGINEER. SCEs SHALL BE DELINEATED BY TYPE III BARRICADES AT ALL TIMES.

11) WHEN THE LEADING END OF THE BARRIER IS OPEN FOR CONSTRUCTION ACCESS AND WORK IS OCCURRING WITHIN THE BARRIER LENGTH OF NEED (730 FEET OF THE LEADING END OF THE BARRIER FOR I-95), A TYPE 2 TRUCK MOUNTED ATTENUATOR SHALL BE PROVIDED AT THE LEADING END OF THE BARRIER TO PROTECT THE WORK AREA AND TO PREVENT ERRANT VEHICLES FROM TRAVELING BEHIND THE BARRIER.

12) 15 MINUTE INTERMITTENT ROAD CLOSURES FOLLOWING TA-35H MAY BE USED FOR THE INSTALLATION OR REMOVAL OF OVERHEAD SIGN STRUCTURES. THESE ROAD CLOSURES SHALL OCCUR BETWEEN 12 AM (MIDNIGHT) AND 4 AM MONDAY THROUGH THURSDAY AND SHALL LAST NO LONGER THAN 15 MINUTES. TRAFFIC OFFICERS SHALL BE USED TO ASSIST IN THE CLOSURES. THE CONTRACTOR SHALL COORDINATE WITH DELDOT'S TRAFFIC SAFETY SECTION AND TRANSPORTATION MANAGEMENT CENTER PRIOR TO IMPLEMENTING INTERMITTENT ROAD CLOSURES.

13) THE TYPICAL APPLICATIONS FROM PART 6 OF THE DELAWARE MUTCD SHALL BE UTILIZED FOR CONSTRUCTION ACTIVITIES WHICH OCCUR OUTSIDE OF THE WORK AREAS ESTABLISHED ON THE CONSTRUCTION PHASING, MOT AND EROSION CONTROL PLANS, OR AS DIRECTED BY THE ENGINEER:

    A. TYPICAL APPLICATIONS 5A, 42, 43, AND 44 - ALL LIGHTING, SIGNING AND TEMPORARY SIGNING WORK IN THE MEDIAN AND ON OR OFF THE SHOULDER

    B. TYPICAL APPLICATIONS 33, 42, 43, AND 44 - INSTALLATION OF LIGHT POLES OVER TRAVEL LANES

    C. TYPICAL APPLICATIONS 33, 37, 42 & 44 - ALL OVERHEAD SIGNING WORK

    D. TYPICAL APPLICATIONS 35D & 35F - INSTALLATION OF ALL LANE LINE, CENTERLINE, AND EDGE LINE PAVEMENT MARKINGS

    F. TYPICAL APPLICATIONS 5A, 33, 42, 43, AND 44 - INSTALLATION OF ITMS EQUIPMENT

    G. TYPICAL APPLICATIONS 5A, 33, AND 37 - PAVING & PATCHING

14) IN ADDITION TO THE TRAVEL LANE AND ROAD CLOSURE RESTRICTIONS NOTED IN THE STANDARD SPECIFICATIONS, TRAVEL LANE, TURN LANE, RAMP CLOSURES AND/OR ROAD CLOSURES ARE NOT PERMITTED DURING THE FOLLOWING HOLIDAY PERIODS (THE WORK DAY PRECEEDING, THE HOLIDAY, AND THE WORK DAY FOLLOWING), UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS:
    a. MARTIN LUTHER KING JR DAY
    b. PRESIDENTS DAY
    c. MOTHERS DAY

15. ALL DRUMS ON I-05 SHALL BE DOUBLE RINGED.

SEDIMENT AND STORMWATER MANAGEMENT NOTES

1) DUST CONTROL
DUST IS TO BE CONTROLLED EXCLUSIVELY THROUGH THE USE OF WATER. COSTS ASSOCIATED WITH THE FURNISHING AND APPLICATION OF WATER FOR DUST CONTROL SHALL BE INCIDENTAL TO ALL THE CONTRACT ITEMS.

2) SLOPE MAINTENANCE
PRIOR TO APPLYING TOPSOIL OR ANY SEEDING ITEM ON FINAL SLOPES, THE SLOPES SHALL BE TRACKED BY DRIVING A BULLDOZER UP AND DOWN THE SLOPES SUCH THAT THE CLEATS MAKE HORIZONTALLLY ORIENTED INDENTATIONS IN THE SLOPE. ALL COSTS ASSOCIATED WITH PERFORMING THIS WORK SHALL BE INCIDENTAL TO THE SEEDING ITEM BEING APPLIED TO THE FINAL SLOPE.

3) EXISTING INLETS AND PIPES
ALL EXISTING INLETS AND PIPES WITHIN THE PROJECT LIMITS TO REMAIN SHALL BE CLEANED OUT. THE COST OF CLEANING OUT THE EXISTING PIPES TO REMAIN IS INCIDENTAL TO ITEM 201000.

4) CHECKDAM REMOVAL
ALL CHECKDAMS ARE TO BE REMOVED AT THE COMPLETION OF THE JOB OR AS DIRECTED BY THE ENGINEER IN THE FIELD. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

5) HERBICIDE APPLICATION
THE CONTRACTOR SHALL APPLY AS DIRECTED BY ENGINEER IN THE FIELD. ALL WORK SHALL BE INCIDENTAL TO THE RESPECTIVE SEEDING ITEM.

6) REVIEW AND OR APPROVAL OF THE SEDIMENT AND STORMWATER MANAGEMENT PLAN SHALL NOT RELIEVE THE CONTRACTOR FROM HIS OR HER RESPONSIBILITIES FOR COMPLIANCE WITH THE REQUIREMENTS OF THE SEDIMENT AND STORMWATER REGULATIONS, NOR SHALL IT RELIEVE THE CONTRACTOR FROM ERRORS OR OMISSIONS IN THE APPROVED PLAN.

7) SOIL DISTURBANCE
FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS.

8) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIR OF ALL EROSION AND SEDIMENT CONTROLS AND STORMWATER MANAGEMENT PRACTICES DURING THE PROJECT.

9) SLOPE DRAINS
THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SLOPE DRAINS DURING THE CONSTRUCTION OF THE EMBANKMENT, LOCATIONS TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE ENGINEER. ALL COSTS SHALL BE INCLUDED IN ITEM #907012, TEMPORARY SLOPE DRAIN, 12".

10) EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS OR AS DIRECTED BY ENGINEER IN THE FIELD.

11) CONTRACTOR SHALL MOW GRASS AREAS AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE INCIDENTAL TO THE RESPECTIVE SEEDING ITEM.

TRAFFIC OFFICER NOTES

1) THE CONTRACTOR SHALL PROVIDE THREE TRAFFIC OFFICERS FOR A FOUR-HOUR PERIOD TWICE PER MONTH TO PERFORM SPEED ENFORCEMENT ALONG ROADWAYS WITHIN THE PROJECT LIMITS. AT THE END OF THE DAY'S ENFORCEMENT ACTIVITY, THE TRAFFIC OFFICERS SHALL PROVIDE A REPORT TO THE ENGINEER IDENTIFYING THE NUMBER OF VEHICLES STOPPED, NUMBER AND TYPE OF CITATIONS GIVEN AND THE RANGE OF SPEEDS OF THOSE VEHICLES STOPPED. ENFORCEMENT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.

2) THE CONTRACTOR SHALL PROVIDE TWO TRAFFIC OFFICERS FOR NIGHTTIME MOBILE PAVEMENT MARKING OPERATIONS ON I-95.

3) THE CONTRACTOR SHALL PROVIDE TWO TRAFFIC OFFICERS FOR MAJOR PHASE CHANGE TRAFFIC SWITCHES ON I-95. THE TRAFFIC OFFICERS SHALL BE ON-SITE DURING THE TRAFFIC SWITCH AND DURING THE FIRST MORNING PEAK PERIOD (6AM - 9AM) AND THE FIRST AFTERNOON PEAK PERIOD (3PM - 7PM) AFTER THE TRAFFIC SWITCH HAS BEEN IMPLEMENTED.

4) THE CONTRACTOR SHALL PROVIDE TWO TRAFFIC OFFICERS FOR ANY ROLLING ROAD BLOCK OPERATIONS IN ACCORDANCE WITH TA-35H.

5) SEE DETOUR PLANS FOR ADDITIONAL TRAFFIC OFFICER REQUIREMENTS.

6) THE CONTRACTOR SHALL PROVIDE ONE TRAFFIC OFFICER FOR ANY OPERATION WHERE AN EXISTING SIGNALIZED INTERSECTION IS PLACED IN FLASH-MODE. THE TRAFFIC OFFICER IS THE ONLY INDIVIDUAL THAT CAN PLACE A TRAFFIC SIGNAL IN FLASH-MODE AND THE TRAFFIC OFFICER MUST STAY ON LOCATION UNTIL THE SIGNAL IS PLACED BACK IN FULL COLOR OPERATION IN ACCORDANCE WITH DELDOT'S TEMPORARY TRAFFIC CONTROL WITHIN INTERSECTIONS MEMORANDUM (WWW.MUTCD.DELDOT.GOV).

7) FOR TEMPORARY NIGHTTIME CLOSURES OF ANY ROAD OR RAMP, THE CONTRACTOR SHALL PROVIDE ONE TRAFFIC OFFICER AT EACH CLOSURE POINT SHOWN IN THE APPLICABLE DETOUR PLANS. THE TRAFFIC OFFICER SHALL BE POSITIONED BEHIND THE CLOSURE BARRICADE WITH THE FRONT OF THE VEHICLE FACING PPROACHING TRAFFIC AND ALL EMERGENCY LIGHTS SHALL BE ACTIVATED. THE TRAFFIC OFFICER SHALL PROVIDE A REPORT TO THE ENGINEER AT THE END OF THE DAY'S ACTIVITY IDENTIFYING THE NUMBER OF VEHICLES THAT ATTEMPTED TO NOT FOLLOW THE DETOUR.

8) ADDITIONAL USAGE OF TRAFFIC OFFICERS OUTSIDE OF THE ABOVE REQUIREMENTS SHALL BE APPROVED BY THE ENGINEER IN CONSULTATION WITH THE TRAFFIC SAFETY SECTION.

ROADWAY NOTES

1) THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF EXISTING PAVEMENT WITHIN THE PROJECT LIMITS FOR THE DURATION OF THE CONTRACT OR AS DIRECTED BY THE ENGINEER OR DESIGNER. ALL REPAIRS ARE AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER.

WORK HOUR RESTRICTION NOTES

1) ALL WORK REQUIRING LANE CLOSURES IN ADDITION TO THE PERMANENT LANE CLOSURES SHOWN ON THE CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLANS SHALL BE COMPLETED DURING THE HOURS PERMITTED IN THE FOLLOWING TABLES.

SINGLE LANE CLOSURE MATRIX FOR I-95

HOUR	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
0	X	X					X
1	X	X					X
2	X	X					X
3	X	X					X
4	X	X					X
5	X	X					X
6	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X
9	X					X	X
10	X					X	X
11	X					X	X
12	X					X	X
13	X					X	X
14	X					X	X
15	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X
21	X					X	X
22	X					X	X
23	X					X	X

DOUBLE LANE CLOSURE MATRIX FOR I-95

HOUR	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
0	X	X					X
1	X	X					X
2	X	X					X
3	X	X					X
4	X	X					X
5	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X
9	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X
23	X					X	X

X LANE CLOSURES NOT PERMITTED

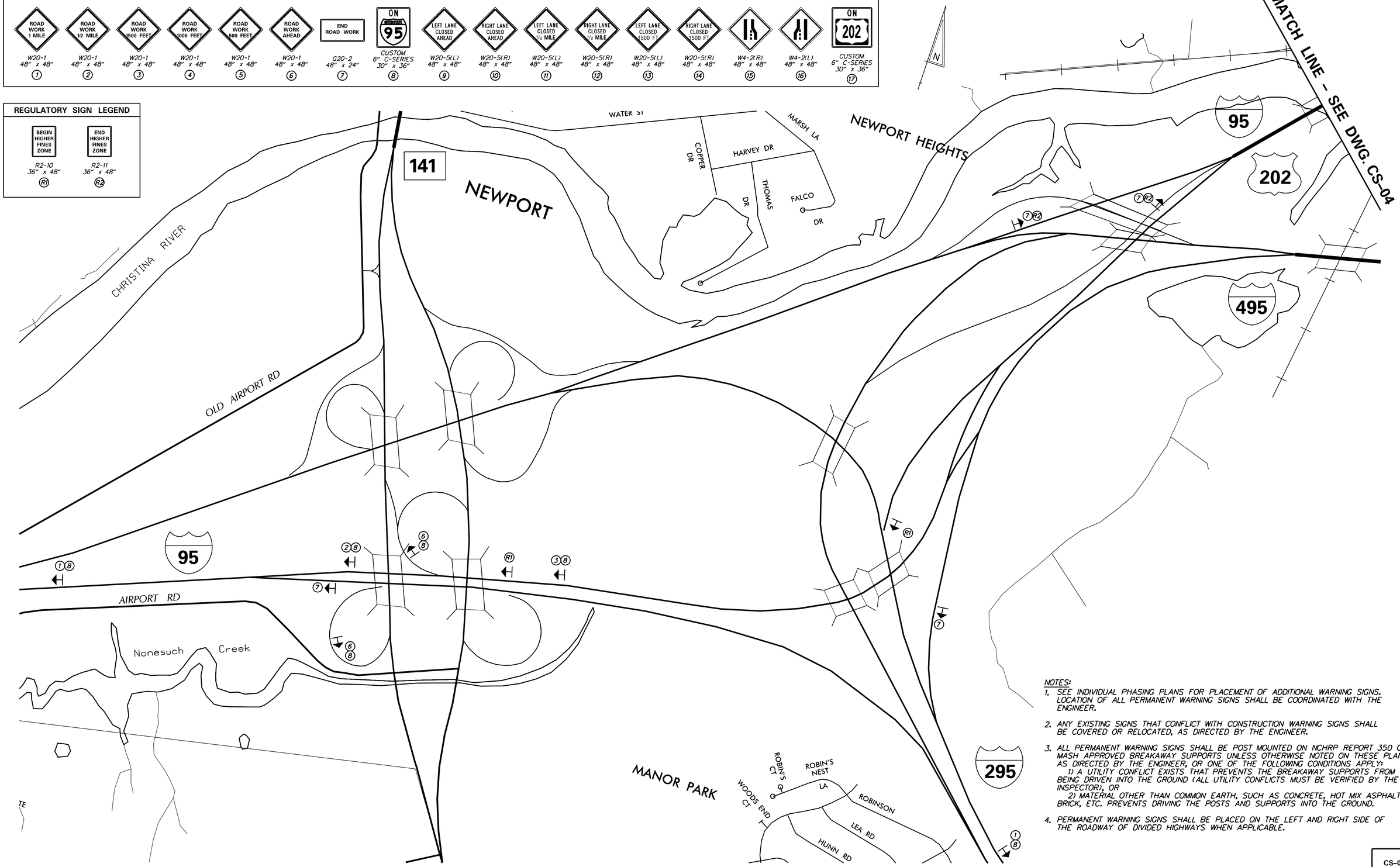
LANE CLOSURES PERMITTED

WARNING SIGN LEGEND

Sign	Size	Location
ROAD WORK 1 MILE	W20-1 48" x 48"	1
ROAD WORK 1/2 MILE	W20-1 48" x 48"	2
ROAD WORK 1500 FEET	W20-1 48" x 48"	3
ROAD WORK 1000 FEET	W20-1 48" x 48"	4
ROAD WORK 500 FEET	W20-1 48" x 48"	5
ROAD WORK AHEAD	W20-1 48" x 48"	6
END ROAD WORK	G20-2 48" x 24"	7
ON INTERSTATE 95	CUSTOM 6" C-SERIES 30" x 36"	8
LEFT LANE CLOSED AHEAD	W20-5(L) 48" x 48"	9
RIGHT LANE CLOSED AHEAD	W20-5(R) 48" x 48"	10
LEFT LANE CLOSED 1/2 MILE	W20-5(L) 48" x 48"	11
RIGHT LANE CLOSED 1/2 MILE	W20-5(R) 48" x 48"	12
LEFT LANE CLOSED 1500 FT	W20-5(L) 48" x 48"	13
RIGHT LANE CLOSED 1500 FT	W20-5(R) 48" x 48"	14
	W4-2(R) 48" x 48"	15
	W4-2(L) 48" x 48"	16
ON 202	CUSTOM 6" C-SERIES 30" x 36"	17

REGULATORY SIGN LEGEND

Sign	Size	Location
BEGIN HIGHER FINES ZONE	R2-10 36" x 48"	R1
END HIGHER FINES ZONE	R2-11 36" x 48"	R2



NOTES:

1. SEE INDIVIDUAL PHASING PLANS FOR PLACEMENT OF ADDITIONAL WARNING SIGNS. LOCATION OF ALL PERMANENT WARNING SIGNS SHALL BE COORDINATED WITH THE ENGINEER.
2. ANY EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WARNING SIGNS SHALL BE COVERED OR RELOCATED, AS DIRECTED BY THE ENGINEER.
3. ALL PERMANENT WARNING SIGNS SHALL BE POST MOUNTED ON NCHRP REPORT 350 OR MASH APPROVED BREAKAWAY SUPPORTS UNLESS OTHERWISE NOTED ON THESE PLANS, AS DIRECTED BY THE ENGINEER, OR ONE OF THE FOLLOWING CONDITIONS APPLY:
   1) A UTILITY CONFLICT EXISTS THAT PREVENTS THE BREAKAWAY SUPPORTS FROM BEING DRIVEN INTO THE GROUND (ALL UTILITY CONFLICTS MUST BE VERIFIED BY THE INSPECTOR), OR
   2) MATERIAL OTHER THAN COMMON EARTH, SUCH AS CONCRETE, HOT MIX ASPHALT, BRICK, ETC. PREVENTS DRIVING THE POSTS AND SUPPORTS INTO THE GROUND.
4. PERMANENT WARNING SIGNS SHALL BE PLACED ON THE LEFT AND RIGHT SIDE OF THE ROADWAY OF DIVIDED HIGHWAYS WHEN APPLICABLE.

N:\31987-094\CADD\Traffic\CS0-03.dgn
2/11/2018 9:11:24 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 400 800 1200 FEET

REHABILITATION OF I-95 FROM WILMINGTON VIADUCT TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

PERMANENT WARNING SIGN LOCATION PLAN

CS-03
SHEET NO.
3-020
TOTAL SHTS.
3-420

WARNING SIGN LEGEND

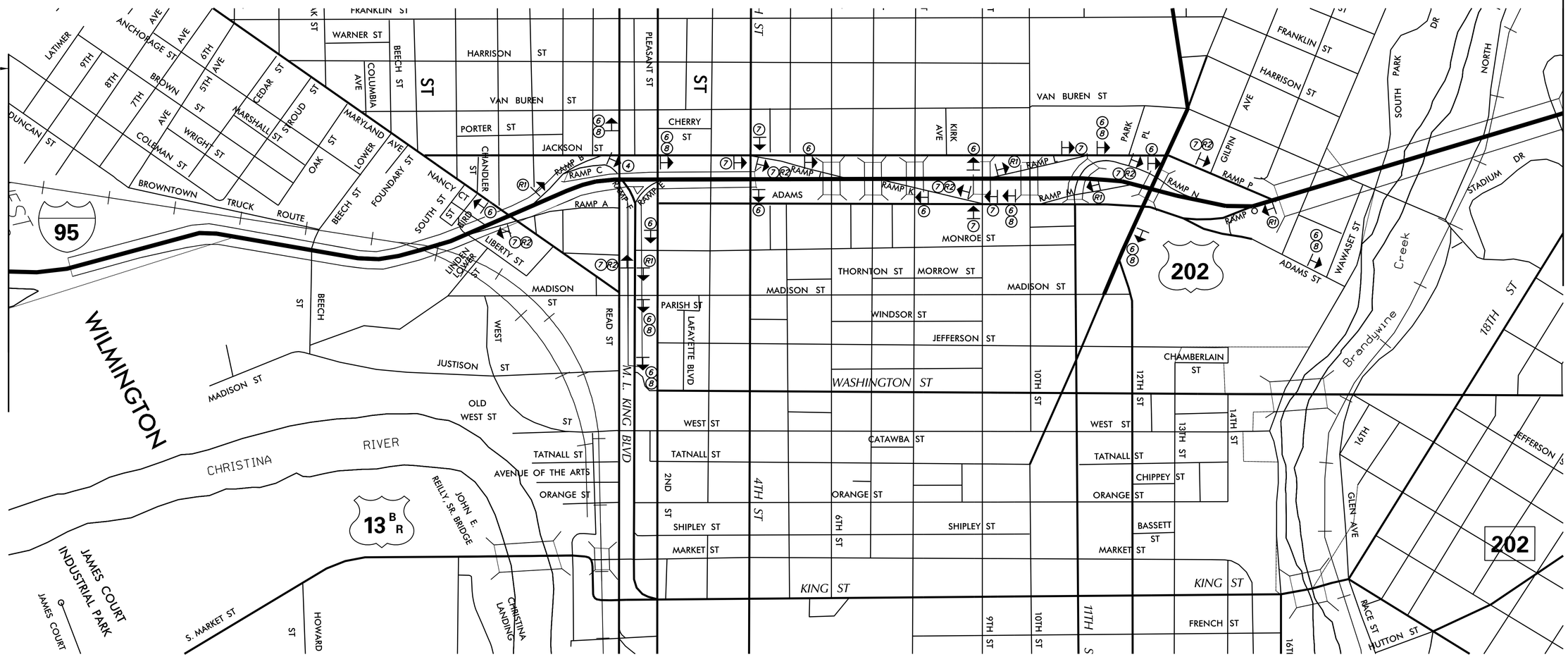
Sign	Size	Location
ROAD WORK 1 MILE	W20-1 48" x 48"	1
ROAD WORK 2 MILE	W20-1 48" x 48"	2
ROAD WORK 1500 FEET	W20-1 48" x 48"	3
ROAD WORK 1000 FEET	W20-1 48" x 48"	4
ROAD WORK 500 FEET	W20-1 48" x 48"	5
ROAD WORK AHEAD	W20-1 48" x 48"	6
END ROAD WORK	G20-2 48" x 24"	7
ON INTERSTATE 95	CUSTOM 6" C-SERIES 30" x 36"	8
LEFT LANE CLOSED AHEAD	W20-5(L) 48" x 48"	9
RIGHT LANE CLOSED AHEAD	W20-5(R) 48" x 48"	10
LEFT LANE CLOSED 1/2 MILE	W20-5(L) 48" x 48"	11
RIGHT LANE CLOSED 1/2 MILE	W20-5(R) 48" x 48"	12
LEFT LANE CLOSED 1500 FT	W20-5(L) 48" x 48"	13
RIGHT LANE CLOSED 1500 FT	W20-5(R) 48" x 48"	14
	W4-2(R) 48" x 48"	15
	W4-2(L) 48" x 48"	16
ON 202	CUSTOM 6" C-SERIES 30" x 36"	17

REGULATORY SIGN LEGEND

Sign	Size	Location
BEGIN HIGHER FINES ZONE	R2-10 36" x 48"	R1
END HIGHER FINES ZONE	R2-11 36" x 48"	R2

NOTES:

1. SEE INDIVIDUAL PHASING PLANS FOR PLACEMENT OF ADDITIONAL WARNING SIGNS. LOCATION OF ALL PERMANENT WARNING SIGNS SHALL BE COORDINATED WITH THE ENGINEER.
2. ANY EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WARNING SIGNS SHALL BE COVERED OR RELOCATED, AS DIRECTED BY THE ENGINEER.
3. ALL PERMANENT WARNING SIGNS SHALL BE POST MOUNTED ON NCHRP REPORT 350 OR MASH APPROVED BREAKAWAY SUPPORTS UNLESS OTHERWISE NOTED ON THESE PLANS, AS DIRECTED BY THE ENGINEER, OR ONE OF THE FOLLOWING CONDITIONS APPLY:
   1) A UTILITY CONFLICT EXISTS THAT PREVENTS THE BREAKAWAY SUPPORTS FROM BEING DRIVEN INTO THE GROUND (ALL UTILITY CONFLICTS MUST BE VERIFIED BY THE INSPECTOR), OR
   2) MATERIAL OTHER THAN COMMON EARTH, SUCH AS CONCRETE, HOT MIX ASPHALT, BRICK, ETC. PREVENTS DRIVING THE POSTS AND SUPPORTS INTO THE GROUND.
4. PERMANENT WARNING SIGNS SHALL BE PLACED ON THE LEFT AND RIGHT SIDE OF THE ROADWAY OF DIVIDED HIGHWAYS WHEN APPLICABLE.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 400 800 1200 FEET	REHABILITATION OF I-95 FROM WILMINGTON VIADUCT TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	PERMANENT WARNING SIGN LOCATION PLAN

CS-04

SHEET NO. 3-021

TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS0-04.dgn
2/11/2016 9:11:25 AM

WARNING SIGN LEGEND

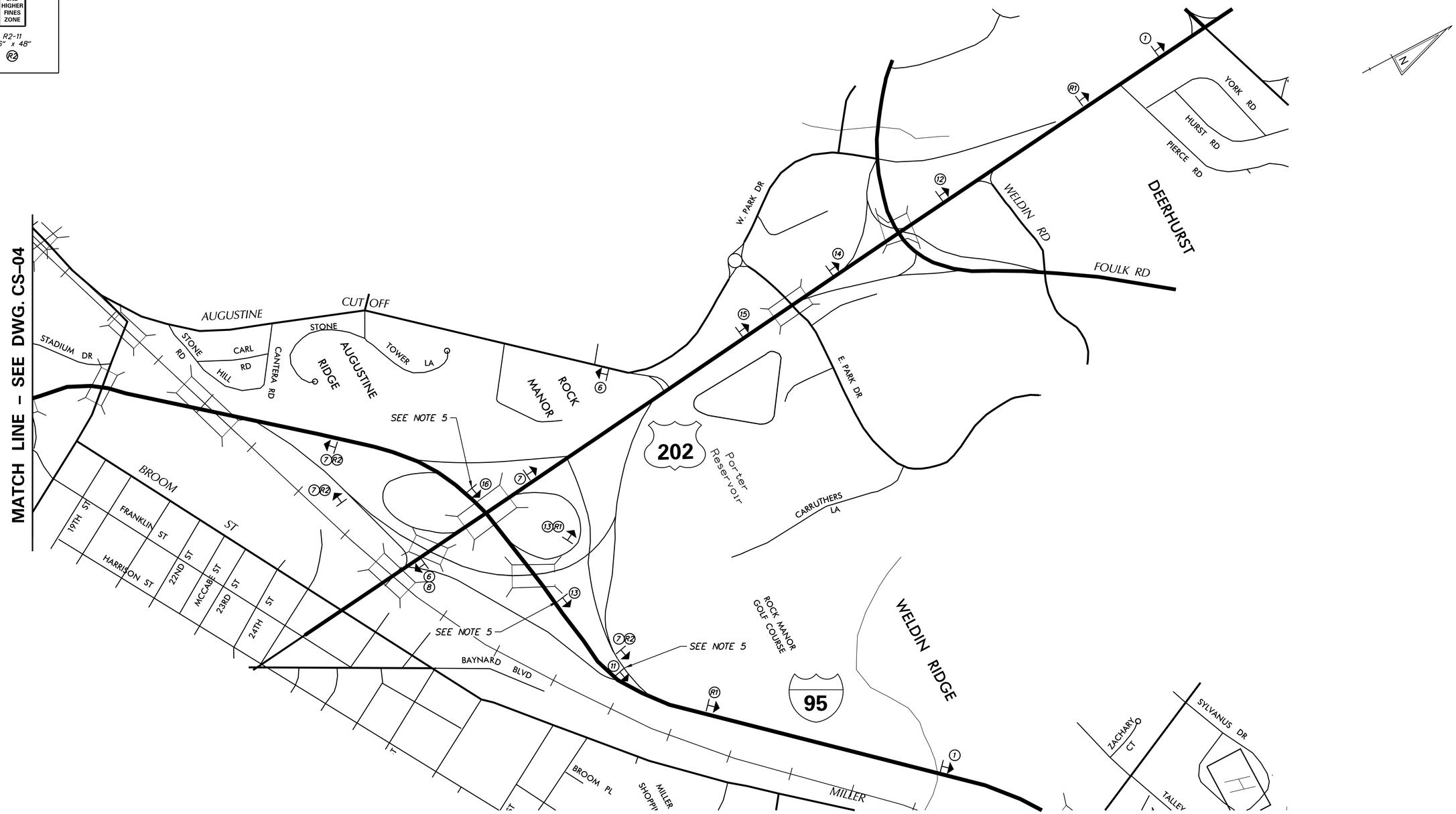
Sign	Designation	Size	Location
ROAD WORK 1 MILE	W20-1	48" x 48"	1
ROAD WORK 12 MILE	W20-1	48" x 48"	2
ROAD WORK 1500 FEET	W20-1	48" x 48"	3
ROAD WORK 1000 FEET	W20-1	48" x 48"	4
ROAD WORK 500 FEET	W20-1	48" x 48"	5
ROAD WORK AHEAD	W20-1	48" x 48"	6
END ROAD WORK	G20-2	48" x 24"	7
ON INTERSTATE 95	CUSTOM 6" C-SERIES	30" x 36"	8
LEFT LANE CLOSED AHEAD	W20-5(L)	48" x 48"	9
RIGHT LANE CLOSED AHEAD	W20-5(R)	48" x 48"	10
LEFT LANE CLOSED 1/2 MILE	W20-5(L)	48" x 48"	11
RIGHT LANE CLOSED 1/2 MILE	W20-5(R)	48" x 48"	12
LEFT LANE CLOSED 1500 FT	W20-5(L)	48" x 48"	13
RIGHT LANE CLOSED 1500 FT	W20-5(R)	48" x 48"	14
	W4-2(R)	48" x 48"	15
	W4-2(L)	48" x 48"	16
ON 202	CUSTOM 6" C-SERIES	30" x 36"	17

REGULATORY SIGN LEGEND

Sign	Designation	Size	Location
BEGIN HIGHER FINES ZONE	R2-10	36" x 48"	R1
END HIGHER FINES ZONE	R2-11	36" x 48"	R2

NOTES:

1. SEE INDIVIDUAL PHASING PLANS FOR PLACEMENT OF ADDITIONAL WARNING SIGNS. LOCATION OF ALL PERMANENT WARNING SIGNS SHALL BE COORDINATED WITH THE ENGINEER.
2. ANY EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WARNING SIGNS SHALL BE COVERED OR RELOCATED, AS DIRECTED BY THE ENGINEER.
3. ALL PERMANENT WARNING SIGNS SHALL BE POST MOUNTED ON NCHRP REPORT 350 OR MASH APPROVED BREAKAWAY SUPPORTS UNLESS OTHERWISE NOTED ON THESE PLANS, AS DIRECTED BY THE ENGINEER, OR ONE OF THE FOLLOWING CONDITIONS APPLY:
   1) A UTILITY CONFLICT EXISTS THAT PREVENTS THE BREAKAWAY SUPPORTS FROM BEING DRIVEN INTO THE GROUND (ALL UTILITY CONFLICTS MUST BE VERIFIED BY THE INSPECTOR), OR
   2) MATERIAL OTHER THAN COMMON EARTH, SUCH AS CONCRETE, HOT MIX ASPHALT, BRICK, ETC. PREVENTS DRIVING THE POSTS AND SUPPORTS INTO THE GROUND.
4. PERMANENT WARNING SIGNS SHALL BE PLACED ON THE LEFT AND RIGHT SIDE OF THE ROADWAY OF DIVDED HIGHWAYS WHEN APPLICABLE.
5. PERMANENT WARNING SIGN SHALL NOT BE DISPLAYED DURING STAGE 1B. SEE STAGE 1B PLANS FOR WARNING SIGNS IN USE DURING STAGE 1B.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 400 800 1200 FEET	REHABILITATION OF I-95 FROM WILMINGTON VIADUCT TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	PERMANENT WARNING SIGN LOCATION PLAN

CS–05

SHEET NO. 3-022

TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS0-05.dgn 2/11/2018 9:11:26 AM

CONSTRUCTION PHASING LEGEND

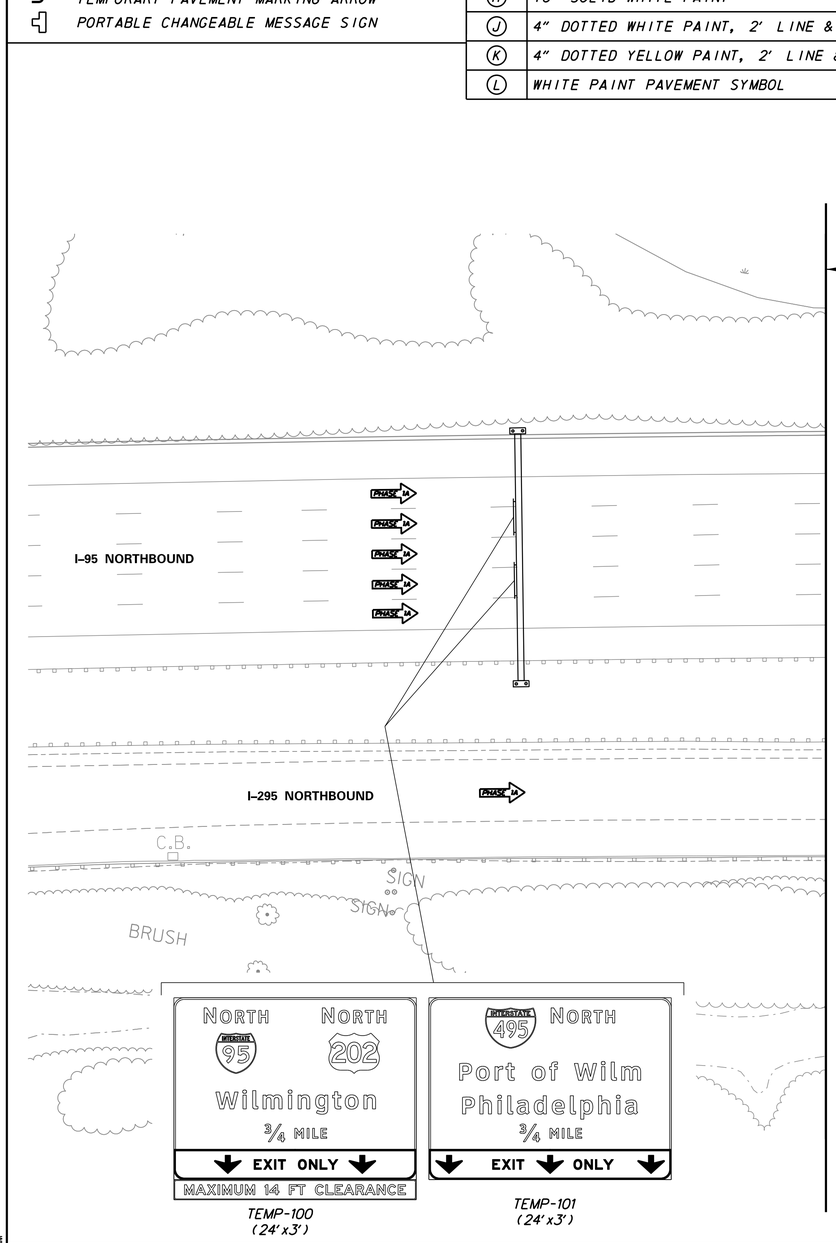
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

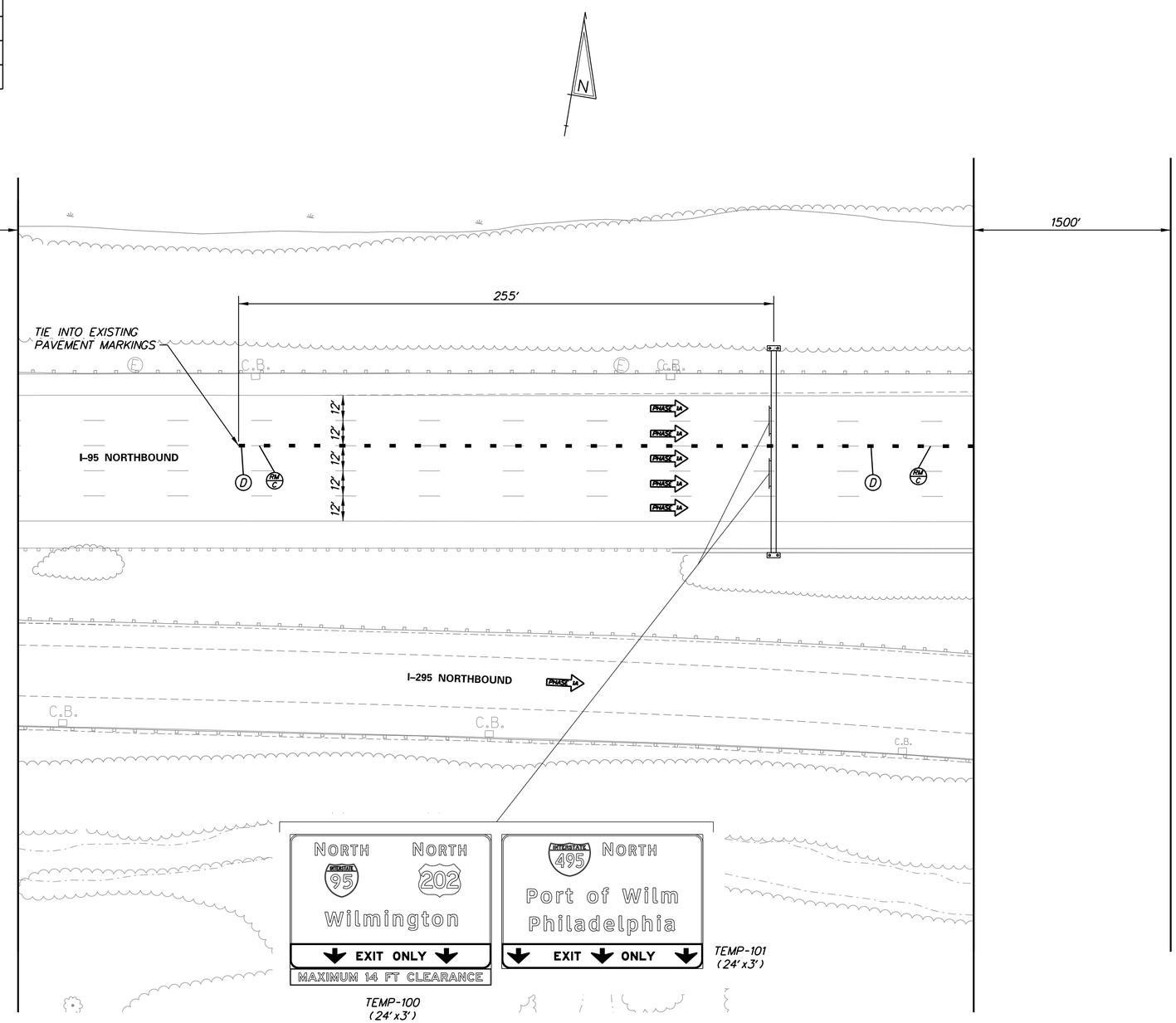
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.





N:\31987-004\CADD\Traffic\CS1A01.dgn
2/17/2018 9:11:31 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A

CS-1A01

SHEET NO.	TOTAL SHTS.
3-023	3-420

CONSTRUCTION PHASING LEGEND

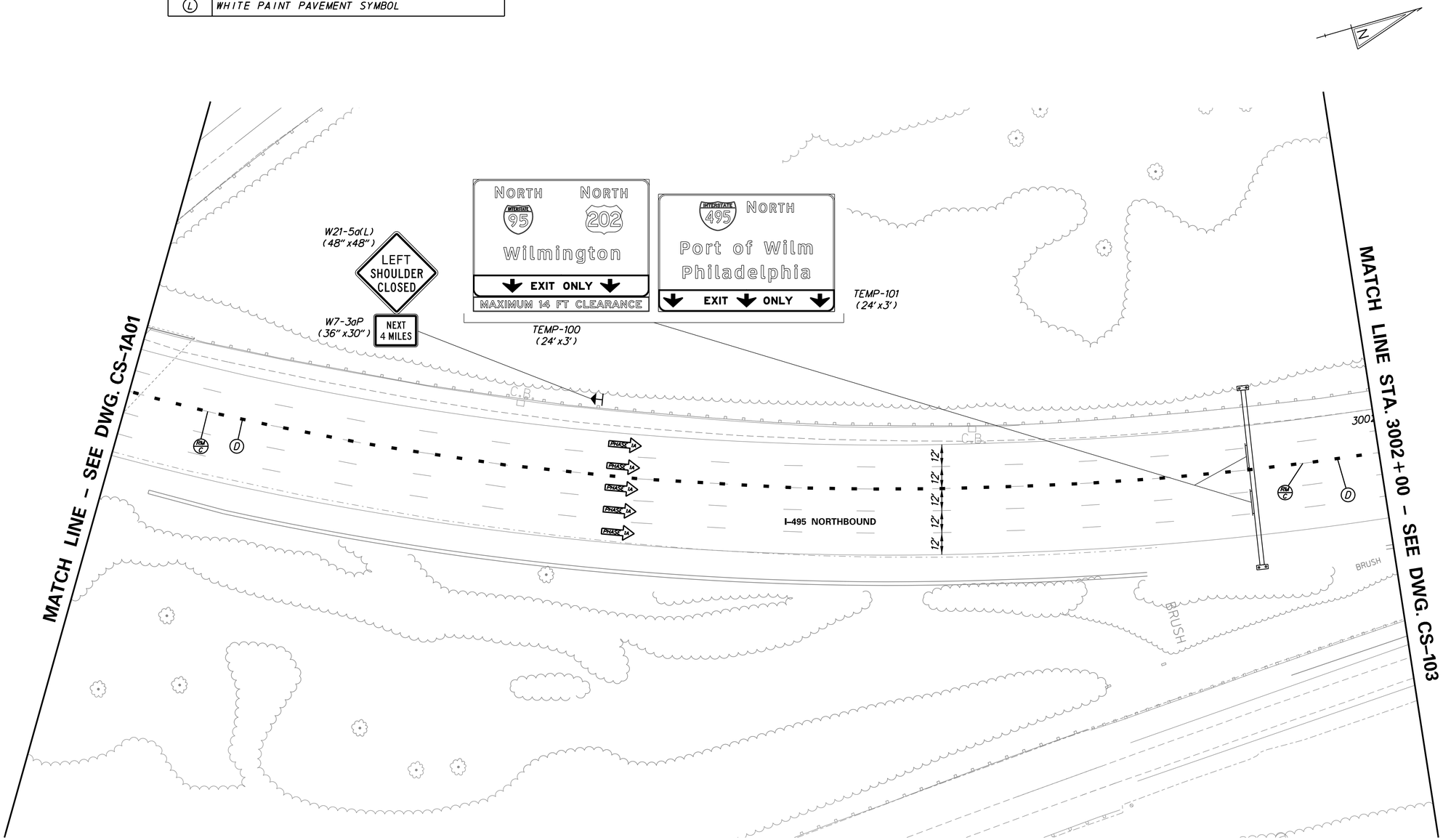
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A

CS-1A02

SHEET NO. 3-024

TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A02.dgn
2/11/2018 9:11:33 AM

CONSTRUCTION PHASING LEGEND

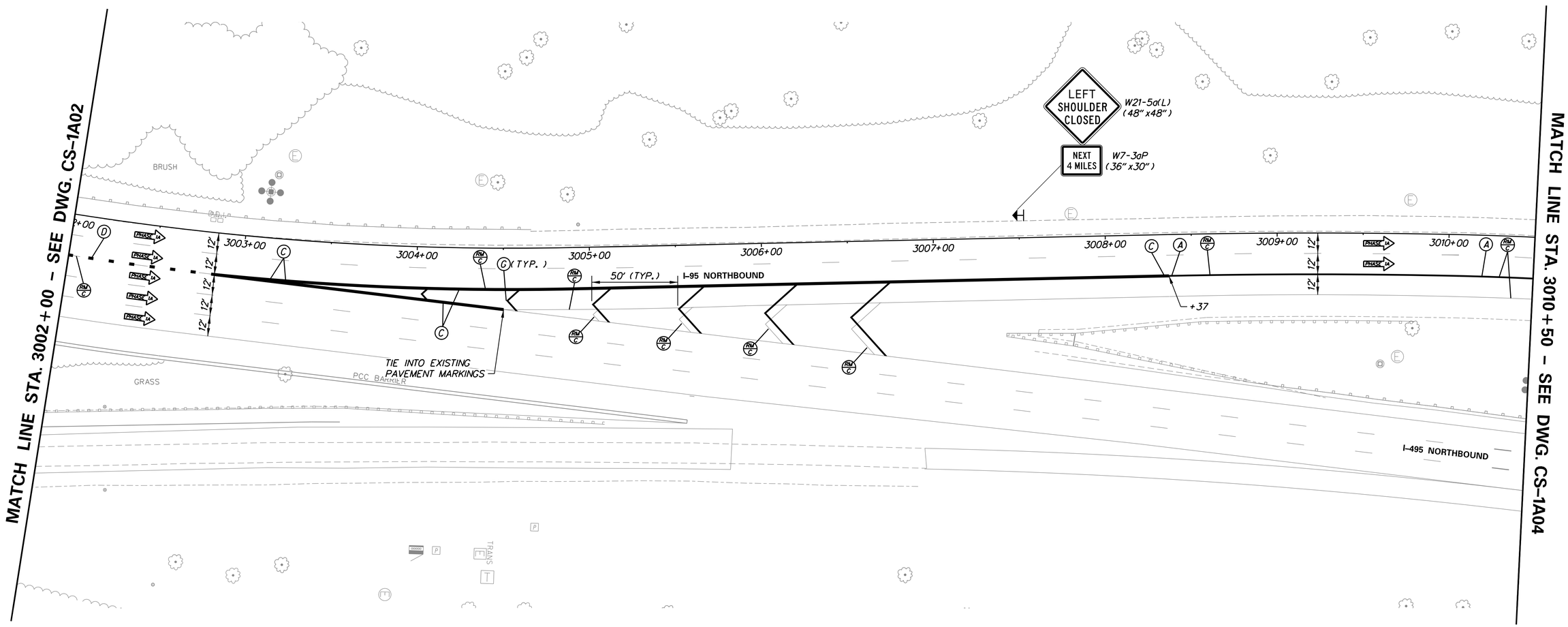
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



N:\31987-004\C400\Traffic\CS1A03.dgn
2/11/2019 9:11:54 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A03
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-025
					CHECKED BY: WRA		TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

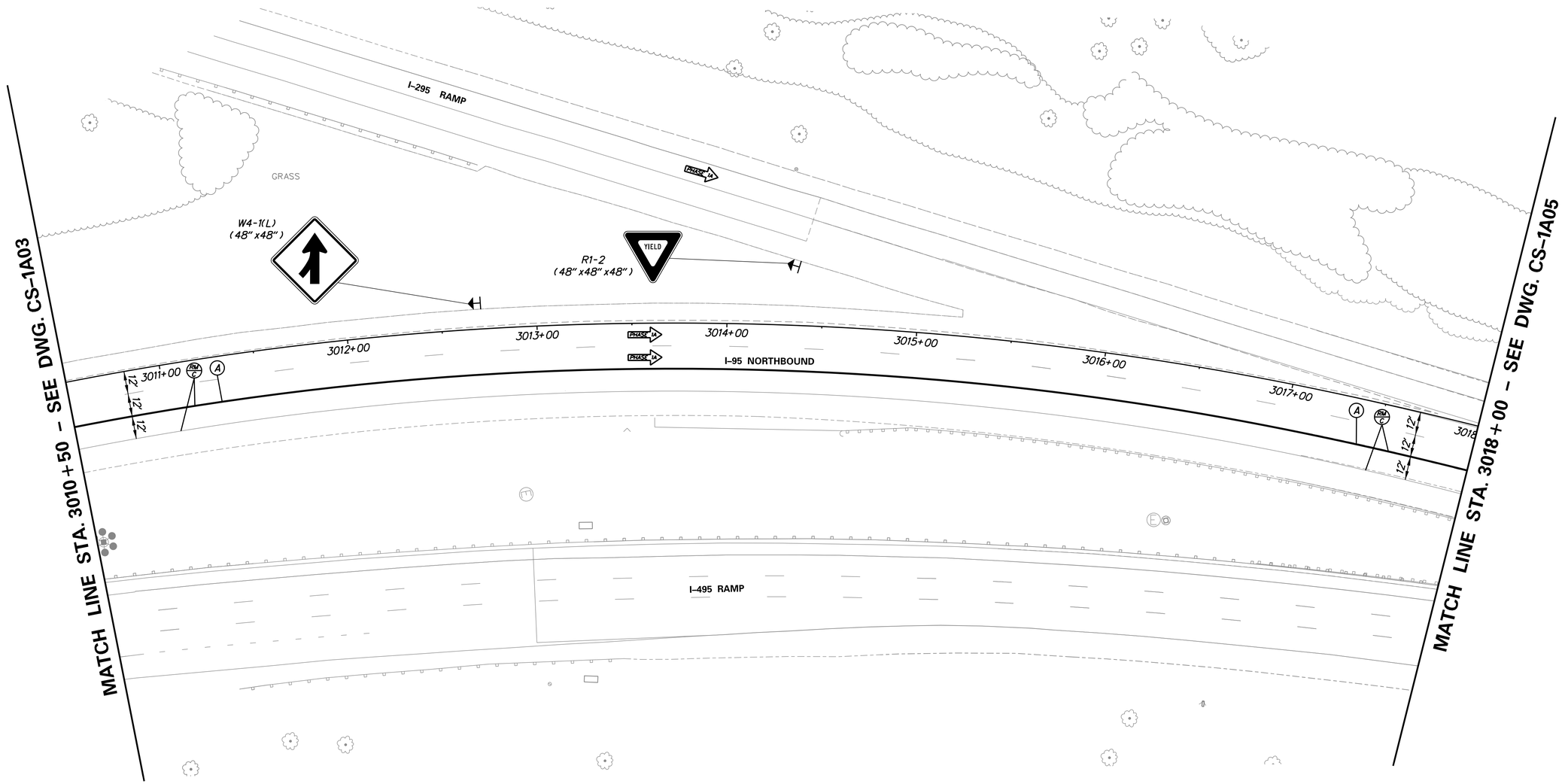
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



N:\31987-004\CADD\Traffic\CS1A04.dgn
2/17/2016 9:11:33 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A

CS-1A04
SHEET NO.
3-026
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

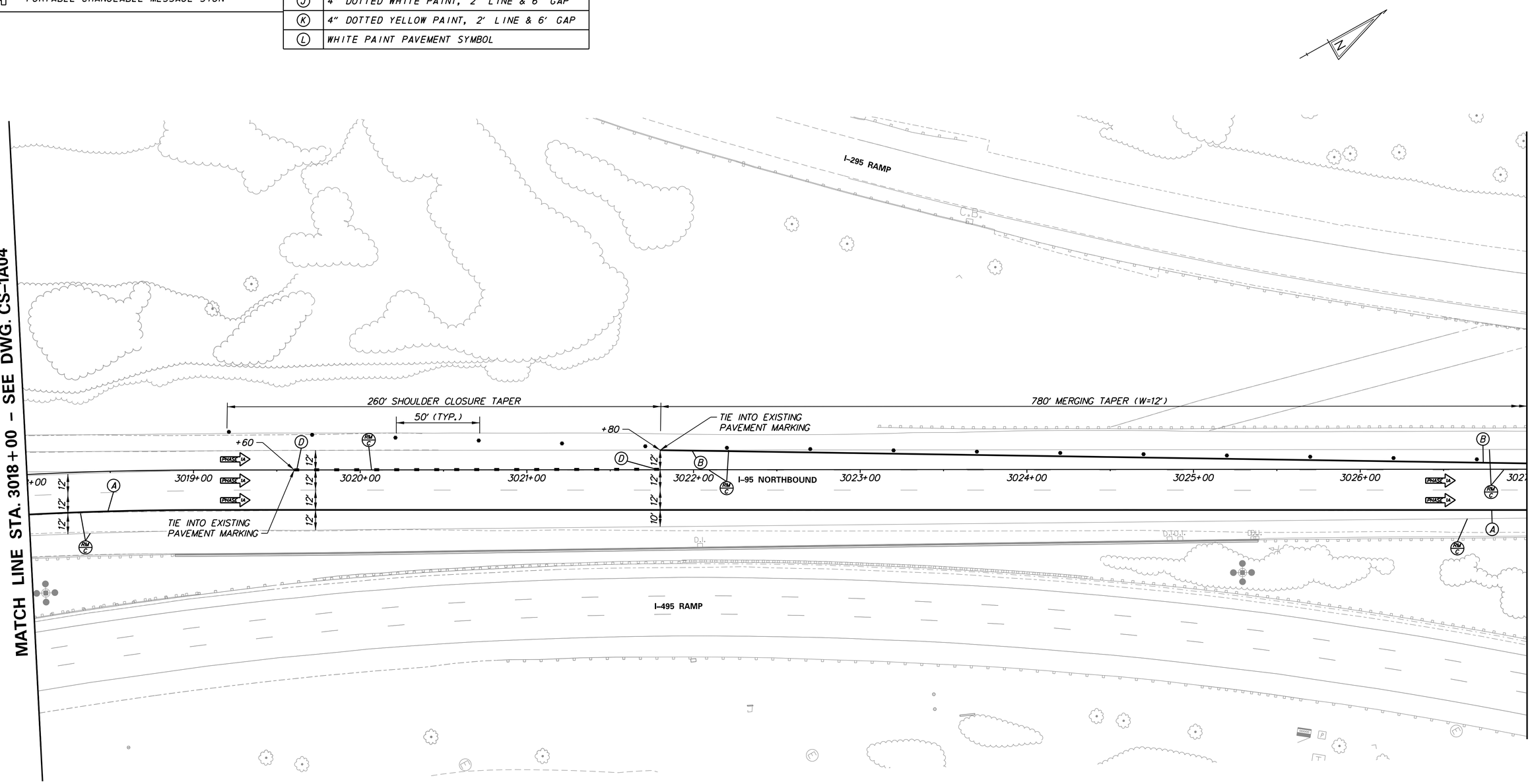
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



N:\31987-004\CADD\Traffic\CS1A05.dgn
2/11/2018 9:11:36 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A

CS-1A05

SHEET NO.	TOTAL SHTS.
3-027	3-420

CONSTRUCTION PHASING LEGEND

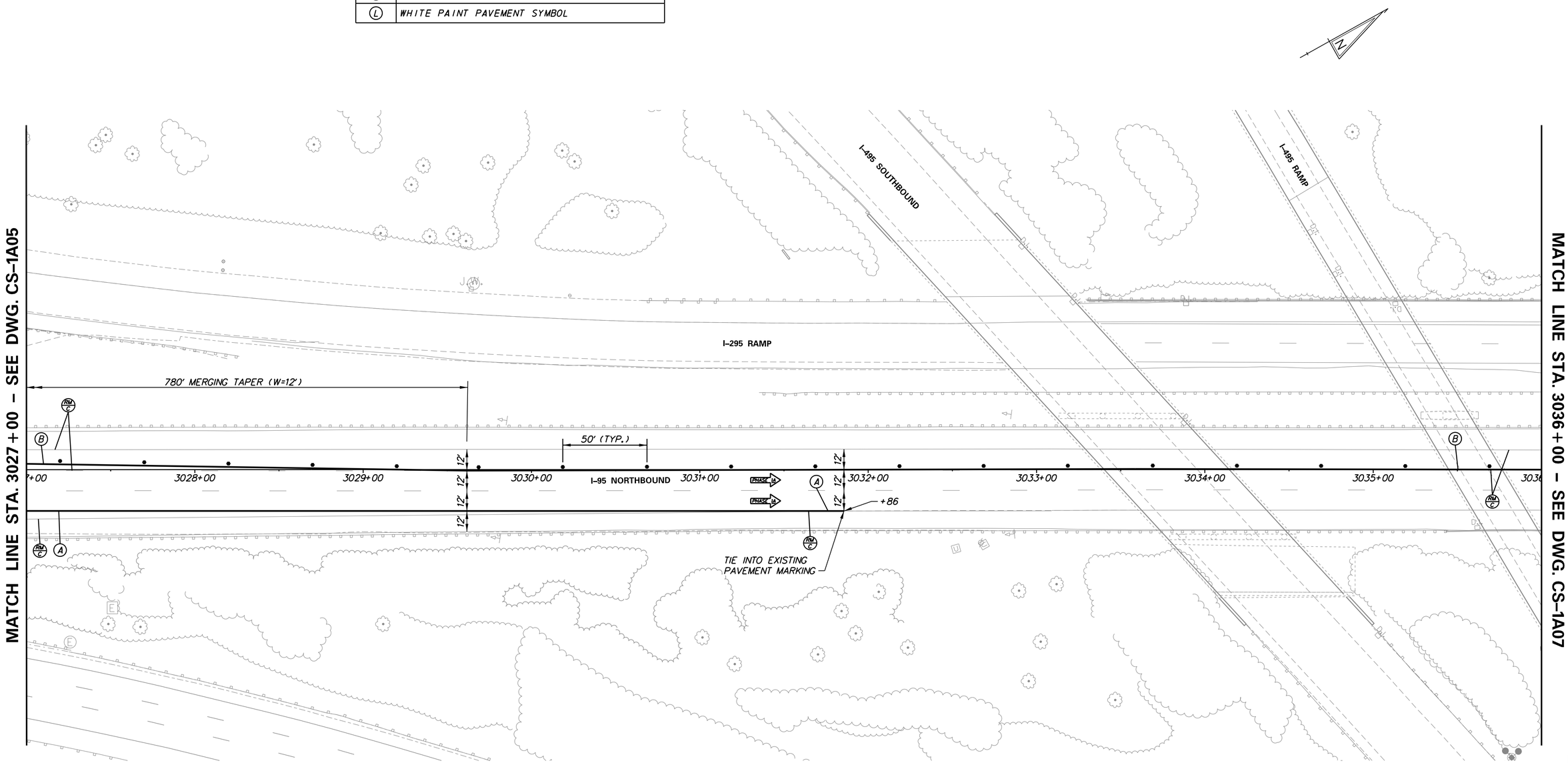
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS–1A06

SHEET NO. 3-028

TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A06.dgn
2/11/2018 9:11:37 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVING LEGEND

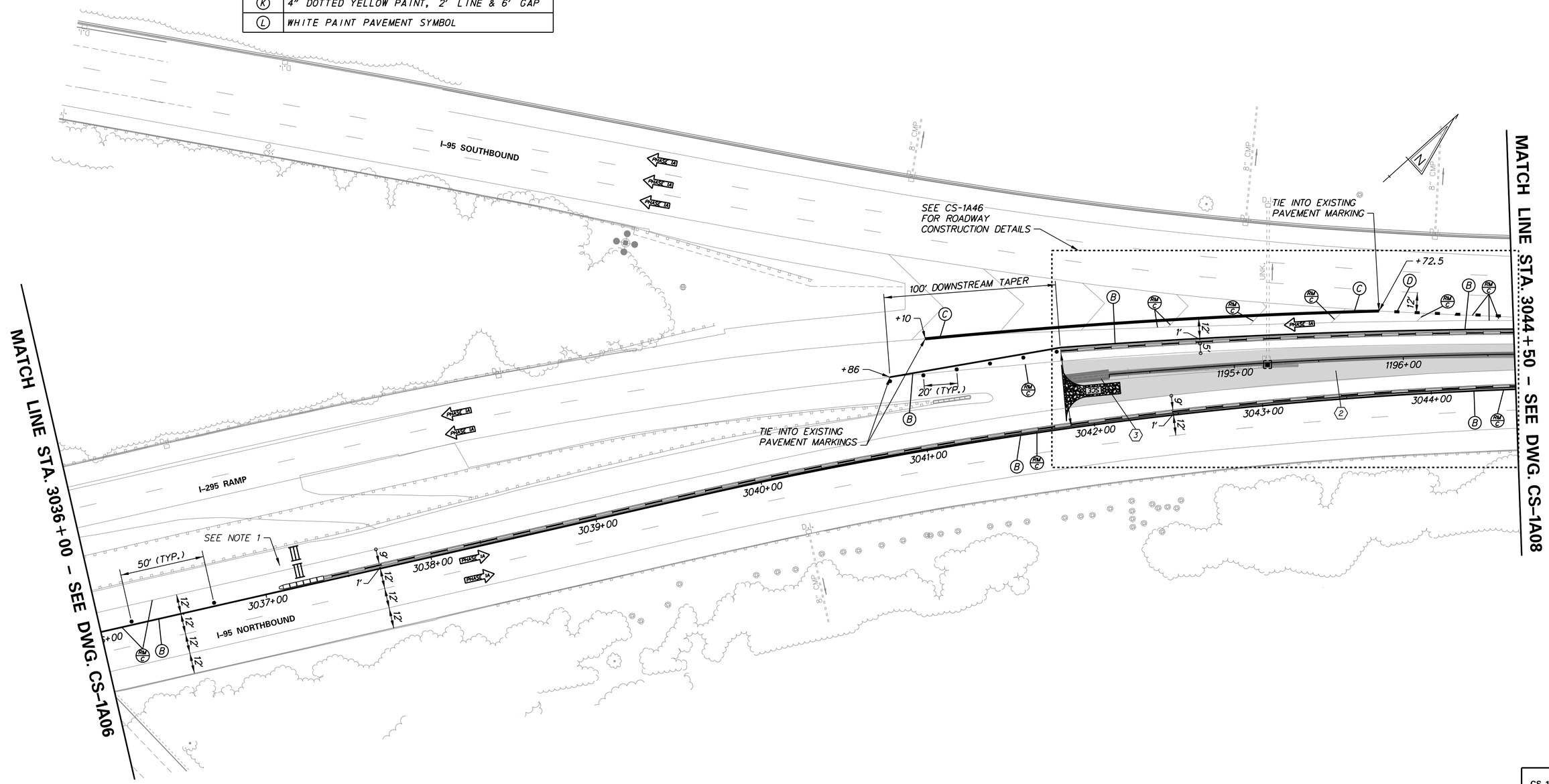
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 3037+10 AND STA. 3041+85.

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A07 SHEET NO. 3-029
				COUNTY NEW CASTLE	DESIGNED BY: WRA		TOTAL SHTS. 3-420
					CHECKED BY: WRA		

N:\31987-004\CADD\Traffic\CS1A07.dgn
2/17/2016 9:11:38 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

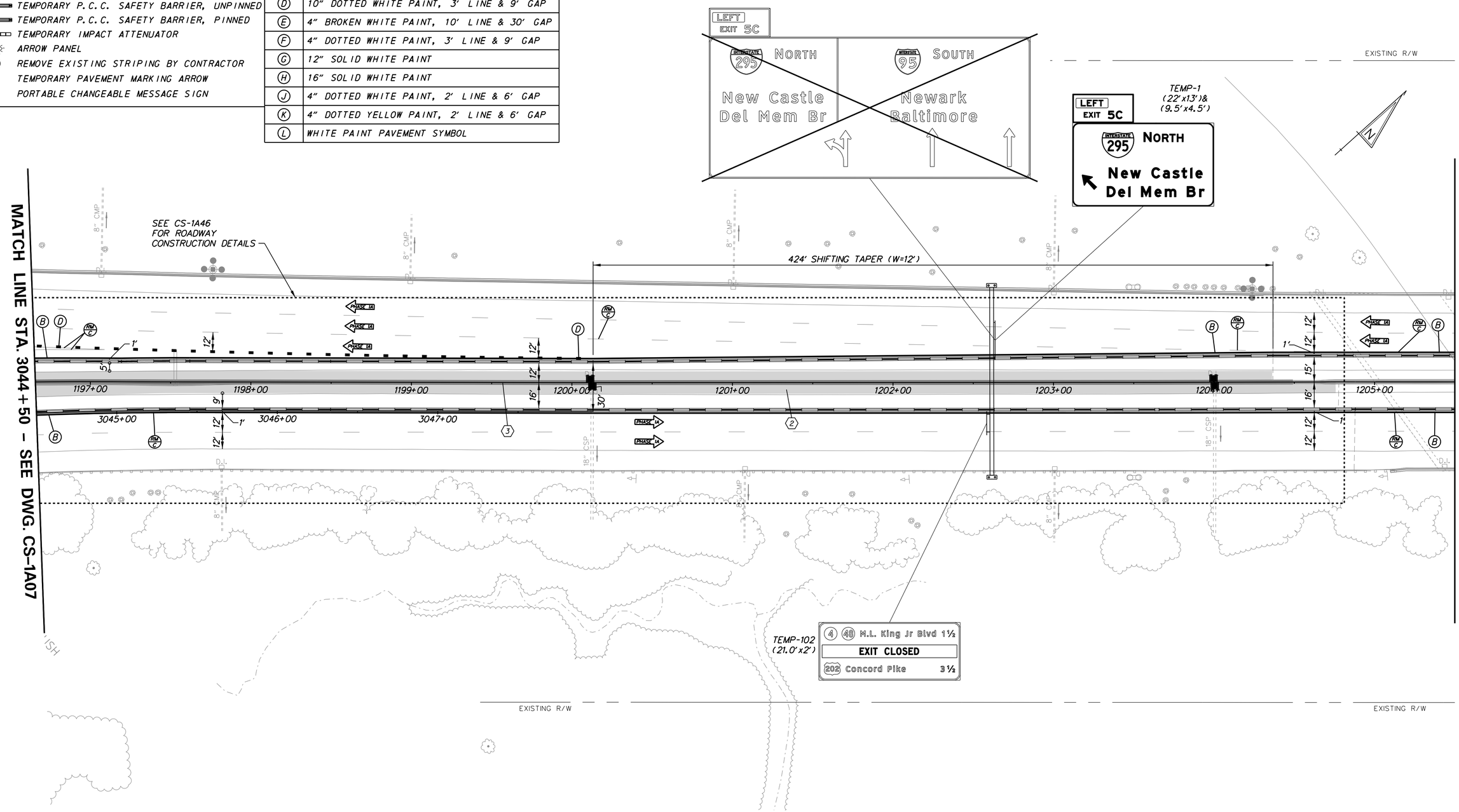
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.



N:\31987-004\CADD\Traffic\CS1A08.dgn
2/17/2016 9:15:39 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A08

SHEET NO. 3-030

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

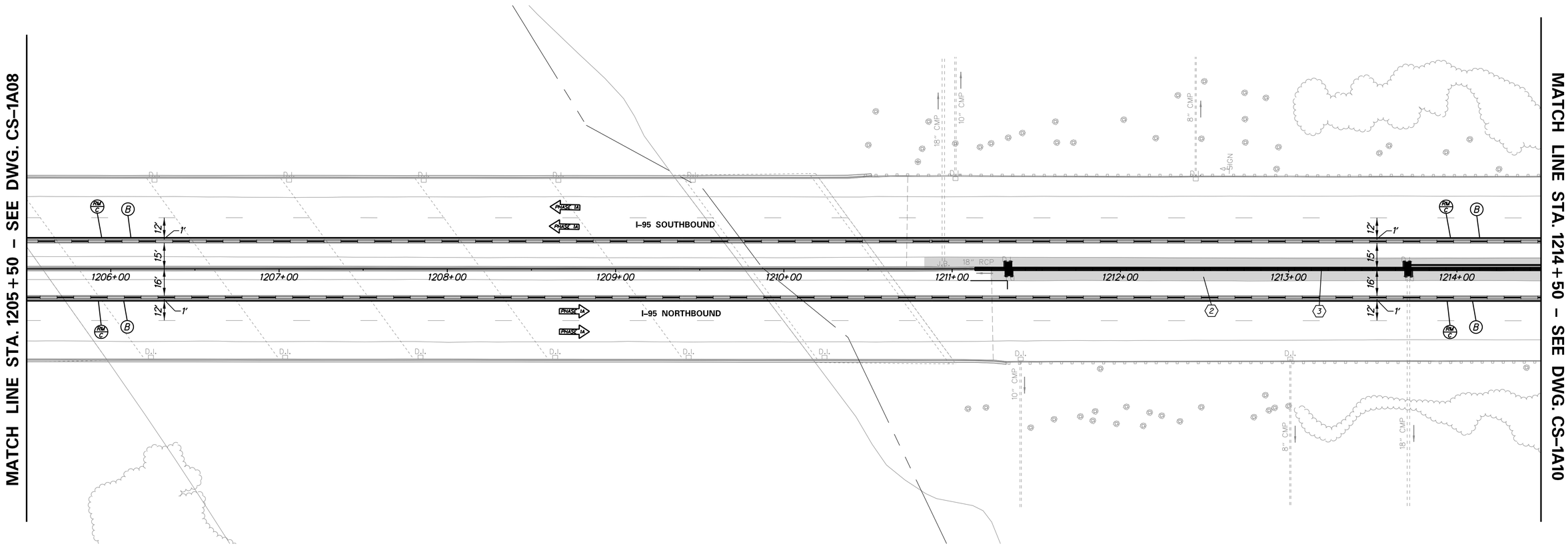
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS–1A09
SHEET NO.
3-031
TOTAL SHTS.
3-420

N:\31987-004\CADD\Traffic\CS1A09.dgn
2/17/2016 9:19:40 AM

CONSTRUCTION PHASING LEGEND

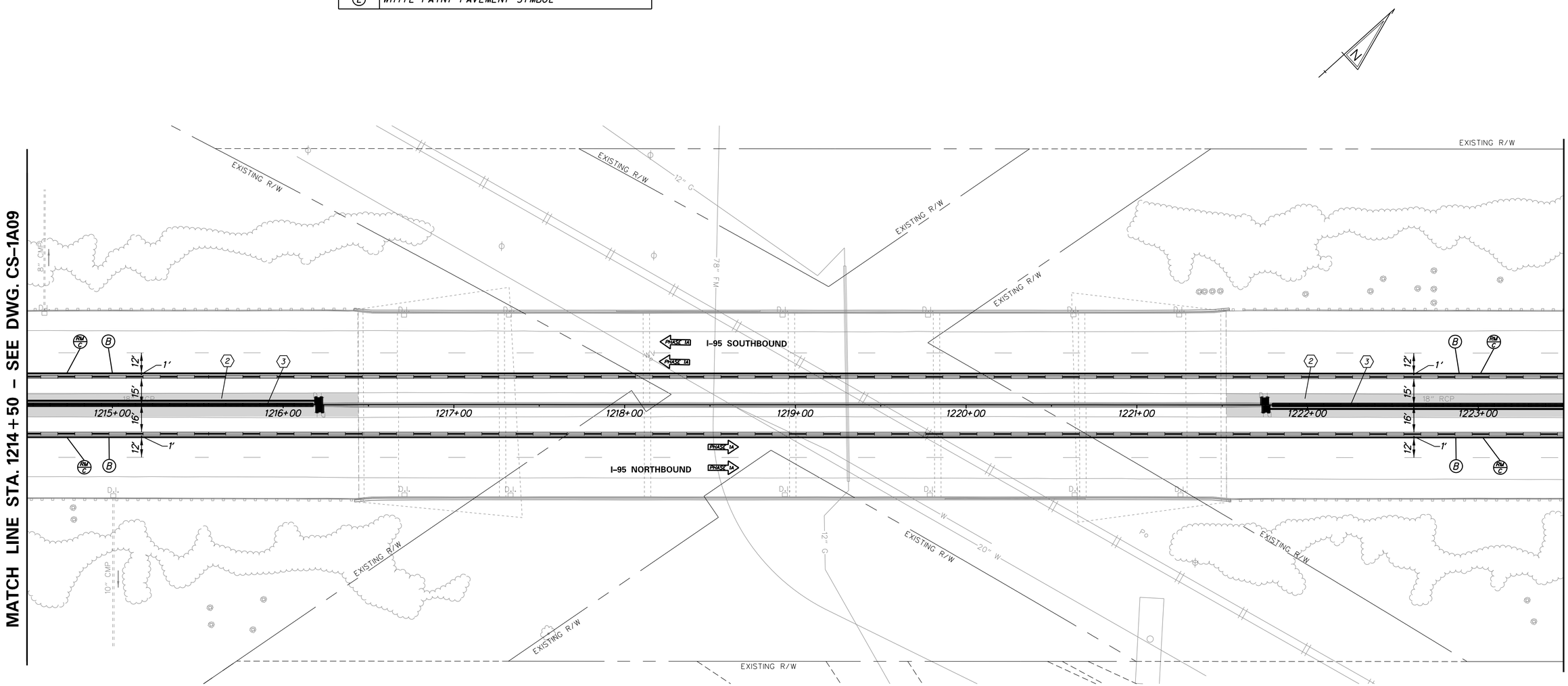
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.



N:\31987-004\CADD\Traffic\CS1A10.dgn
2/11/2016 9:11:41 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS–1A10
SHEET NO.
3-032
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

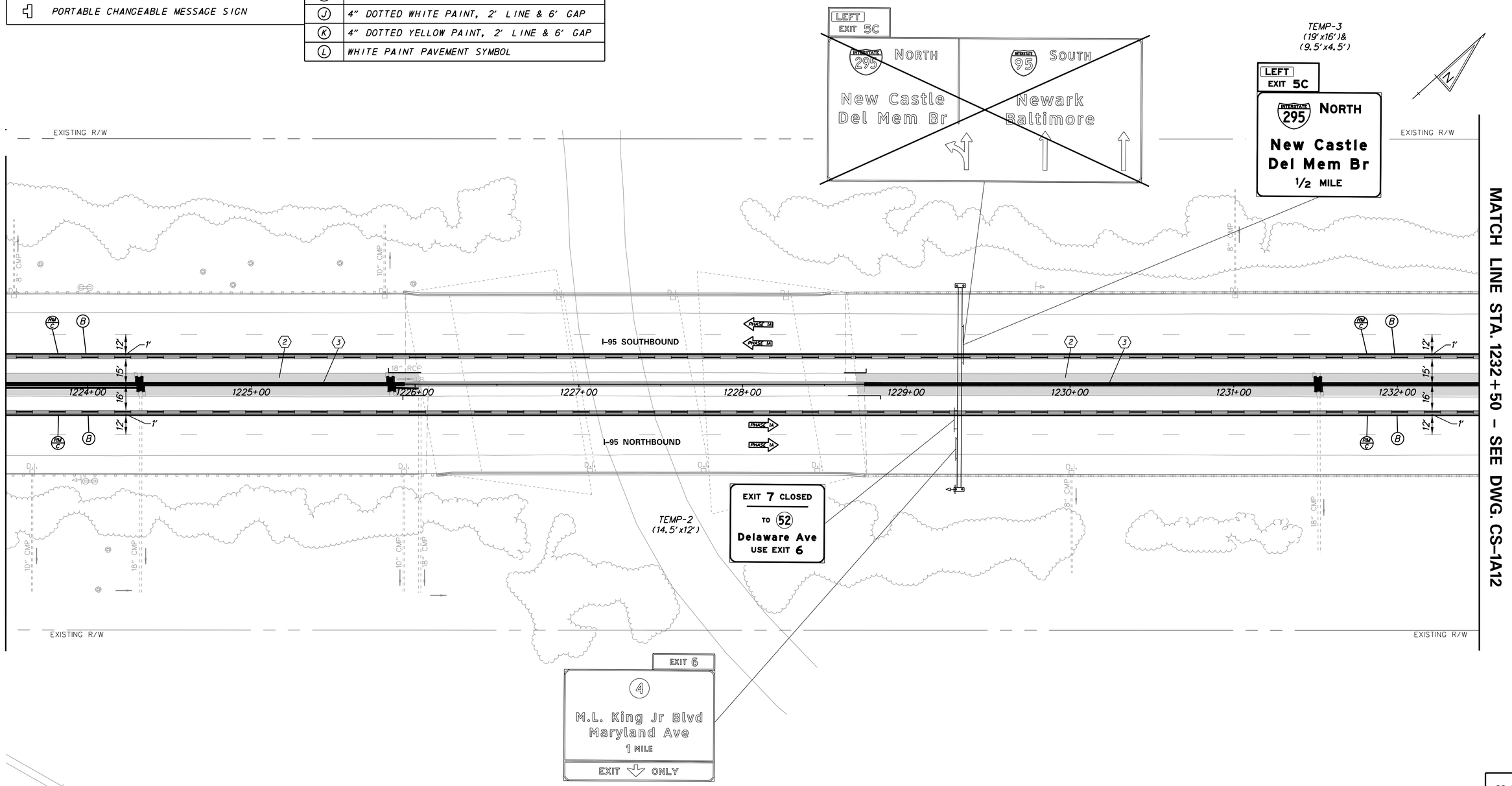
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.



N:\31987-004\CAD\Traffic\CS1A11.dgn
2/17/2016 9:11:42 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A11

SHEET NO. 3-033

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

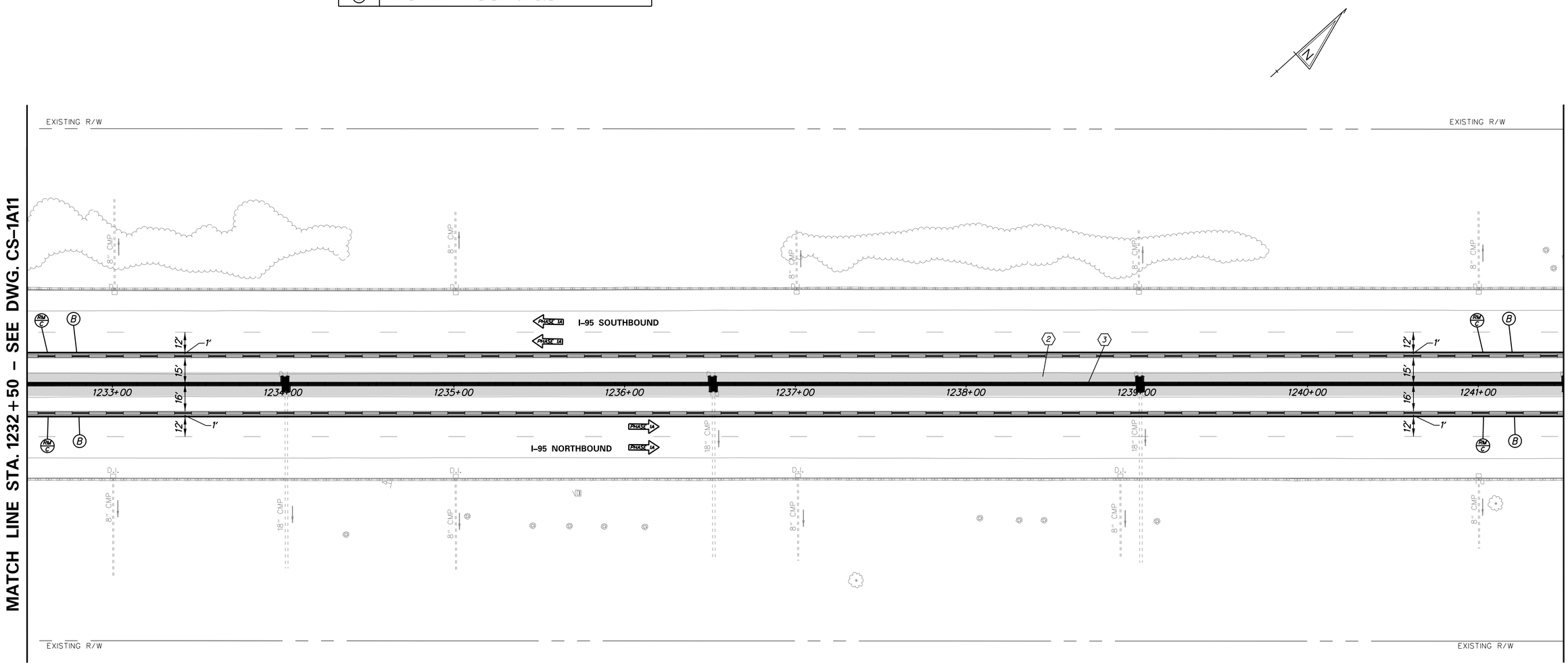
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A12
SHEET NO.
3-034
TOTAL SHTS.
3-420

N:\31987-004\CADD\Traffic\CS1A12.dgn
2/11/2016 9:11:44 AM

CONSTRUCTION PHASING LEGEND

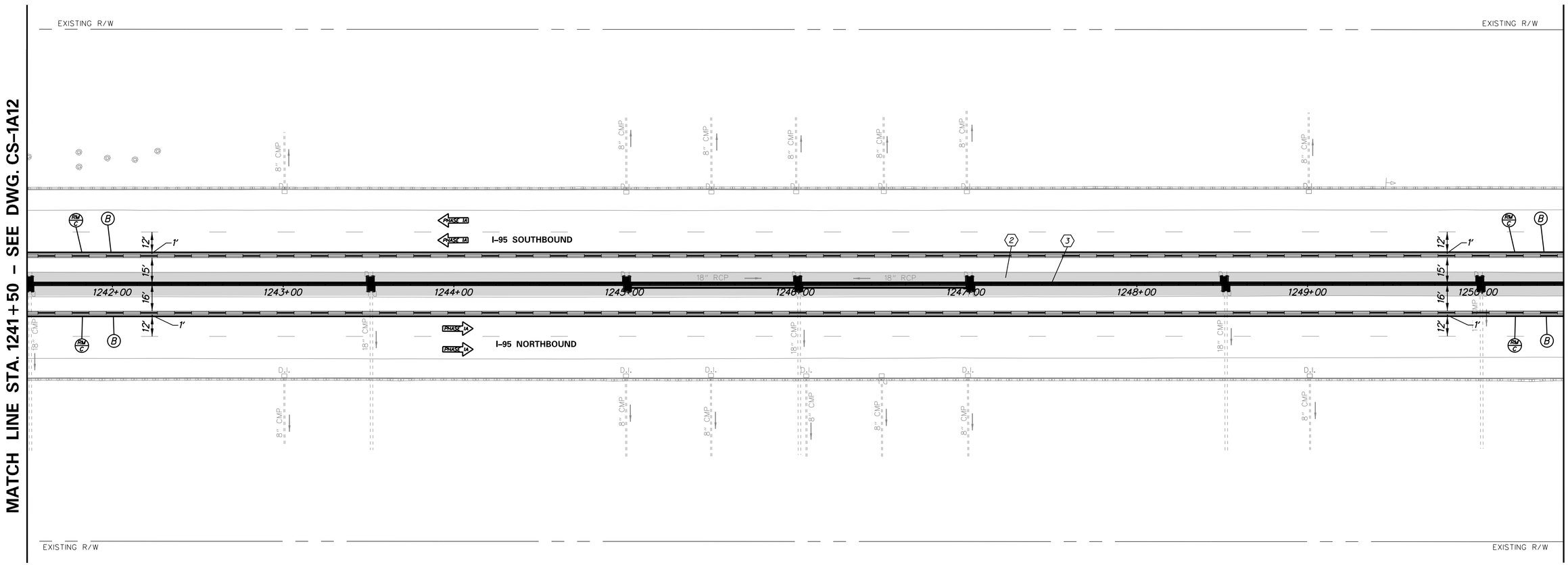
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.



N:\31987-004\CADD\Traffic\CS1A13.dgn
2/17/2016 9:19:49 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS–1A13 / SHEET NO. 3-035 / TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

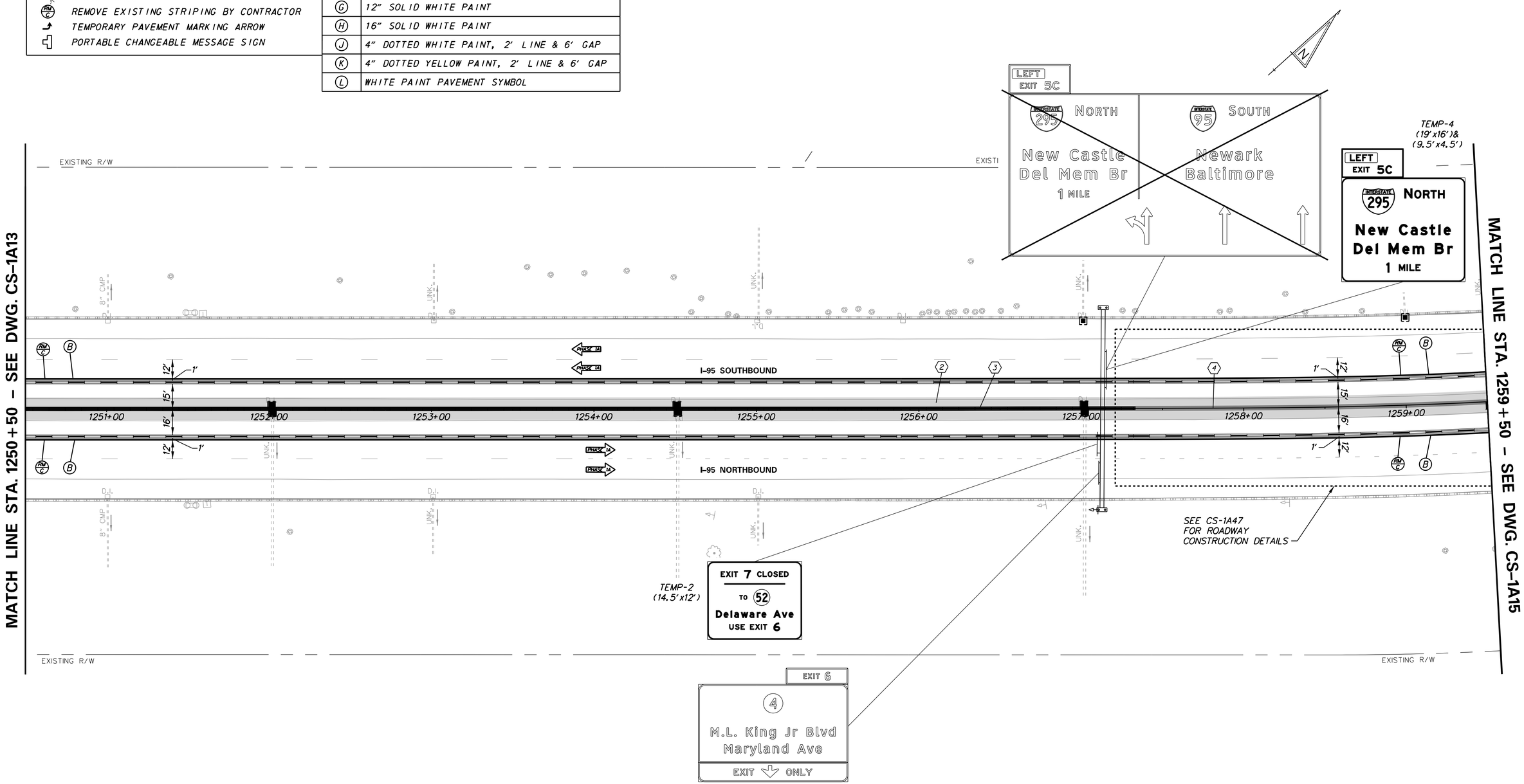
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.
4. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.



N:\31987-004\C&D\Traffic\CS1A14.dgn
2/11/2016 9:11:43 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A14 / SHEET NO. 3-036 / TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

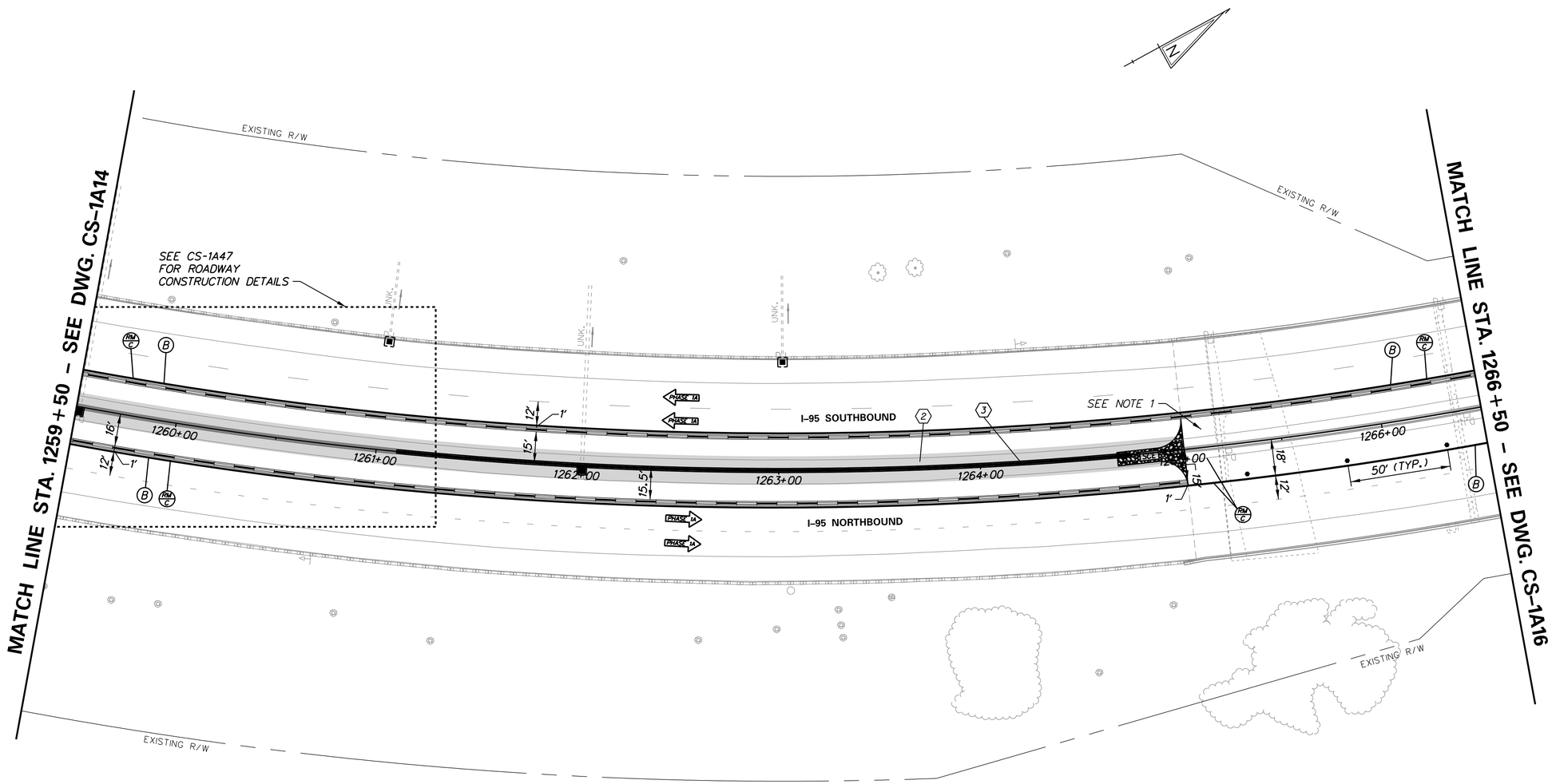
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER.
3. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1265+00 AND STA. 1269+15.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A15
T201407404	DESIGNED BY: WRA		SHEET NO. 3-037
COUNTY NEW CASTLE	CHECKED BY: WRA		TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A15.dgn
2/11/2018 9:11:48 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

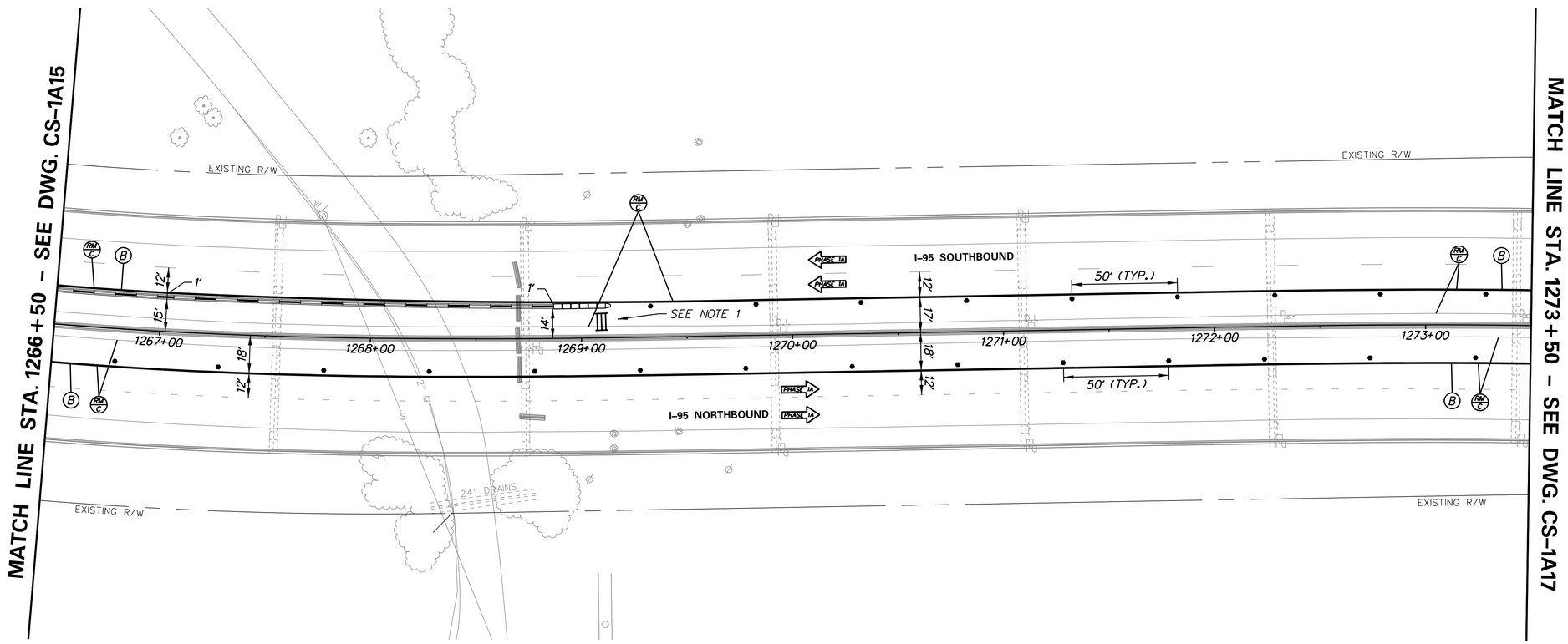
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1265+00 AND STA. 1269+15.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A	CS-1A16 / SHEET NO. 3-038 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A16.dgn
2/17/2016 9:19:49 AM

CONSTRUCTION PHASING LEGEND

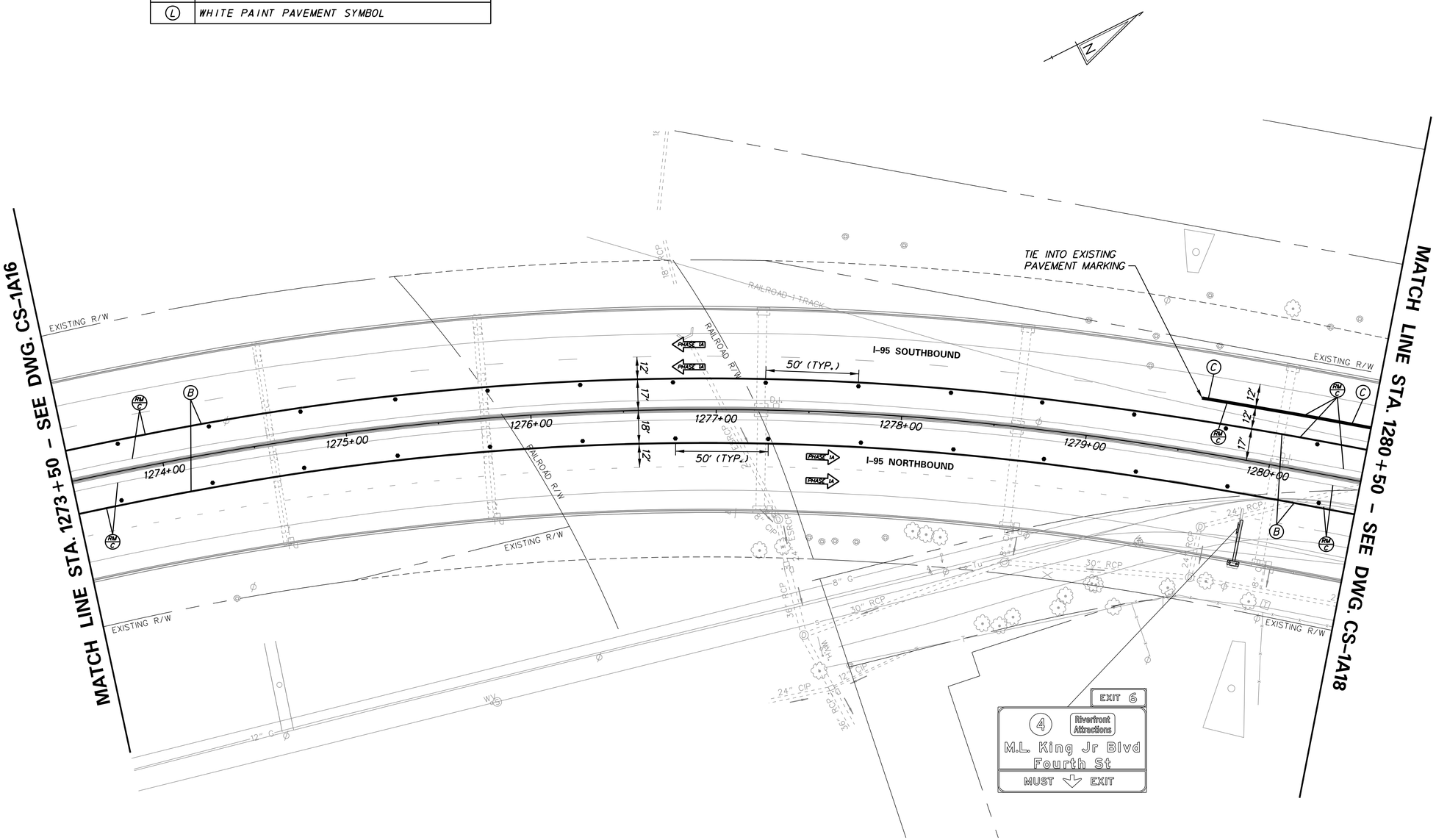
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



N:\31987-004\C&D\Traffic\CS1A17.dgn
2/11/2018 9:11:50 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A17

SHEET NO. 3-039

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

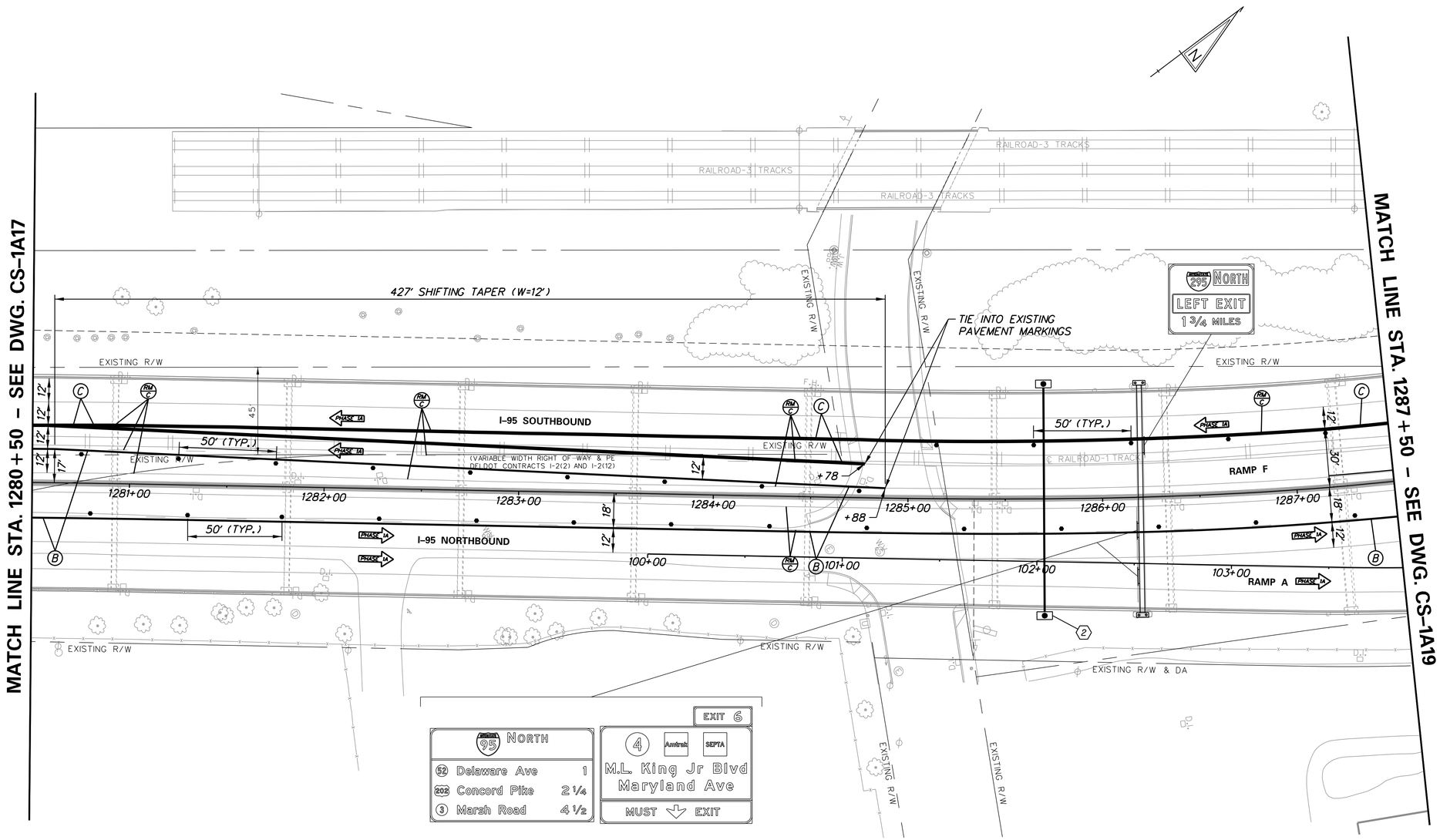
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. CONSTRUCT PROPOSED OVERHEAD SIGN STRUCTURE OH-3.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: WRA	
COUNTY		
NEW CASTLE	CHECKED BY: WRA	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A18
SECTION
WRA
SHEET NO.
3-040

N:\31987-004\Contract_I-95\CADD\Traffic\CS1A18.dgn
5/21/2019 9:49:56 AM

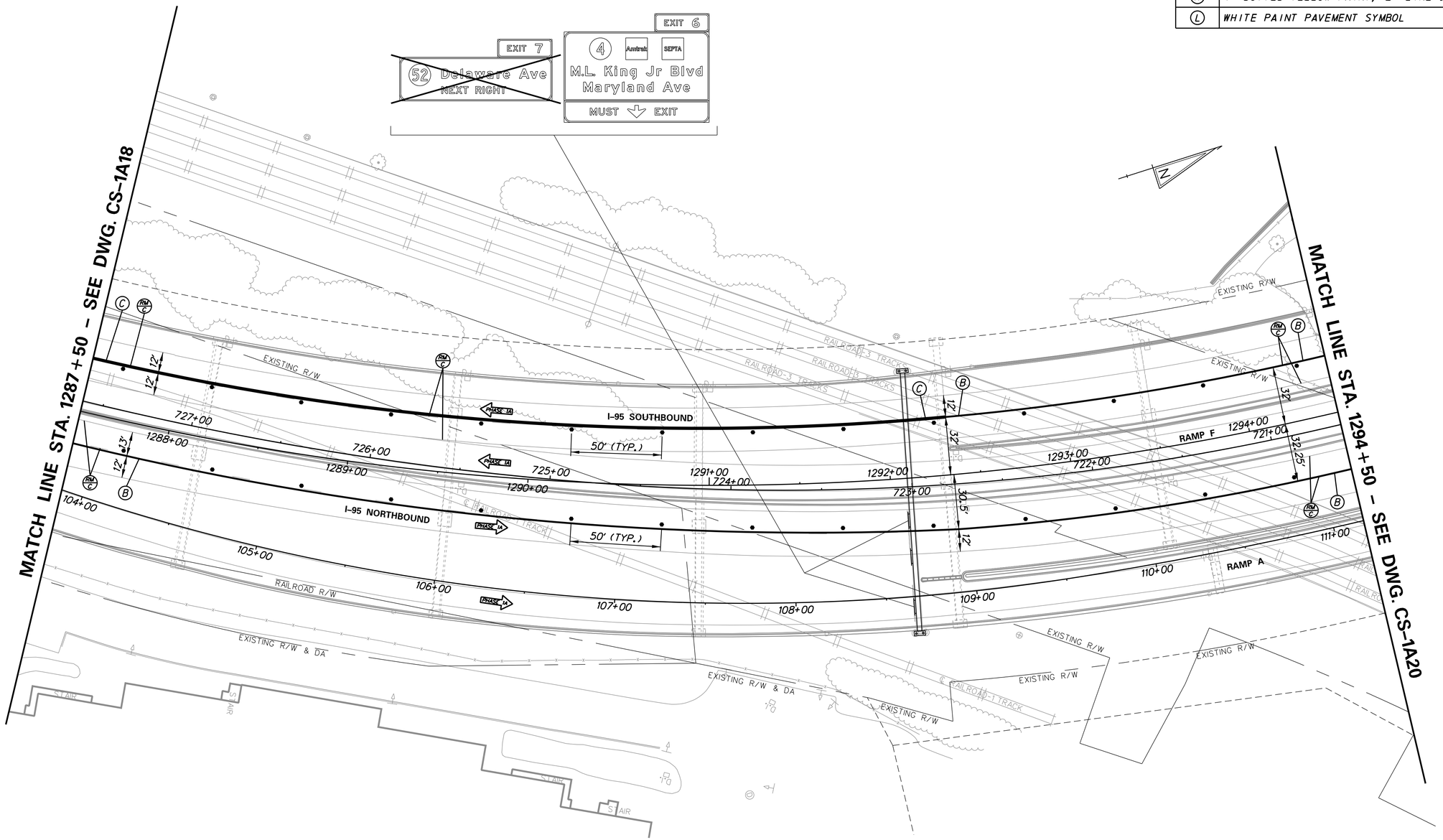
SEQUENCE OF CONSTRUCTION - PHASE 1A
(1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A19
SECTION
WRA
SHEET NO.
3-041

N:\31987-004\Contract_I-95\CADD\Traffic\CS1A19.dgn
5/21/2019 9:49:58 AM

CONSTRUCTION PHASING LEGEND

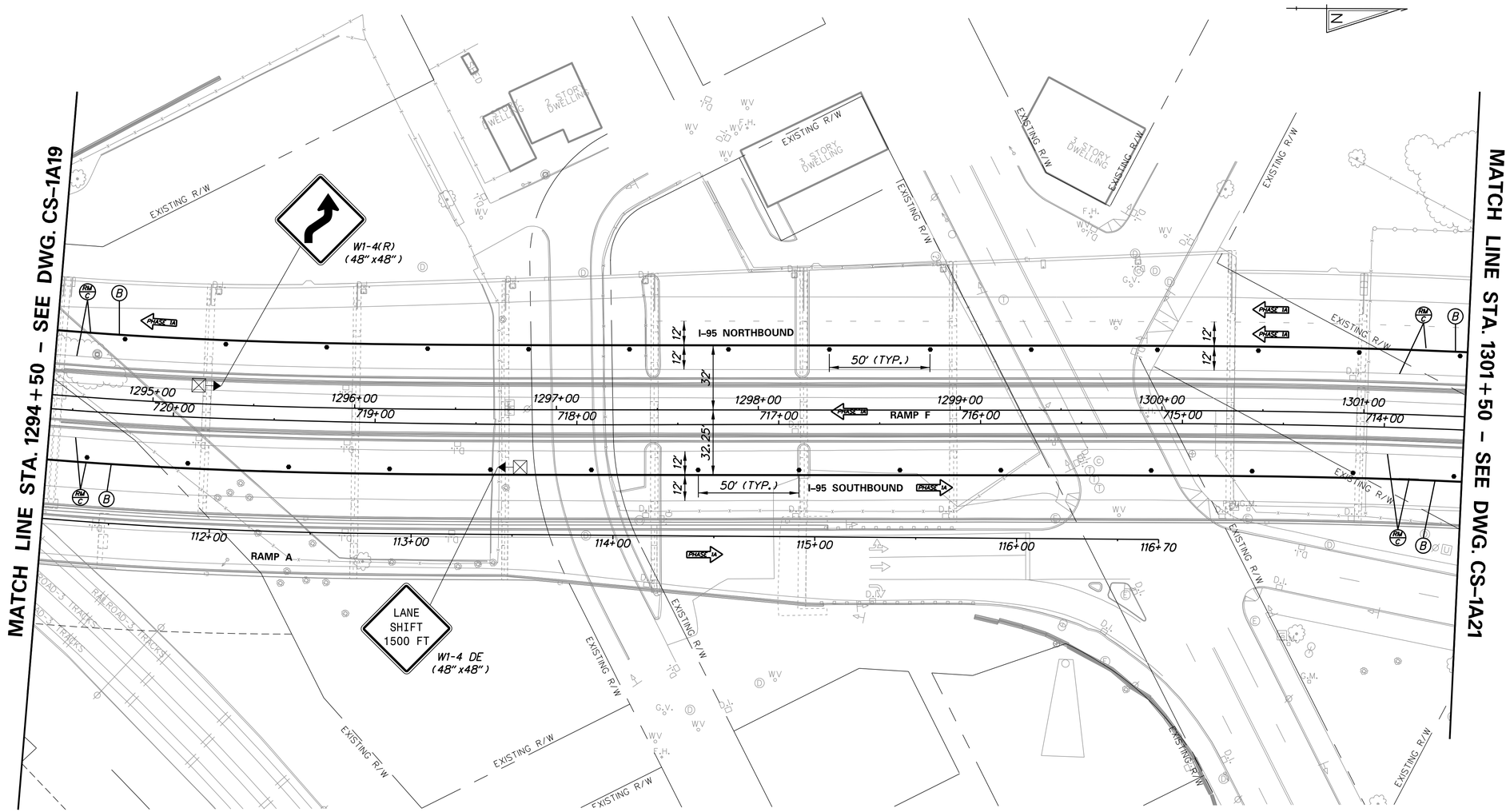
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A

CS-1A20
SECTION
WRA
SHEET NO.
3-042

N:\31987-004\Contract_I-95\CADD\Traffic\CS1A20.dgn
5/21/2019 9:49:58 AM

CONSTRUCTION PHASING LEGEND

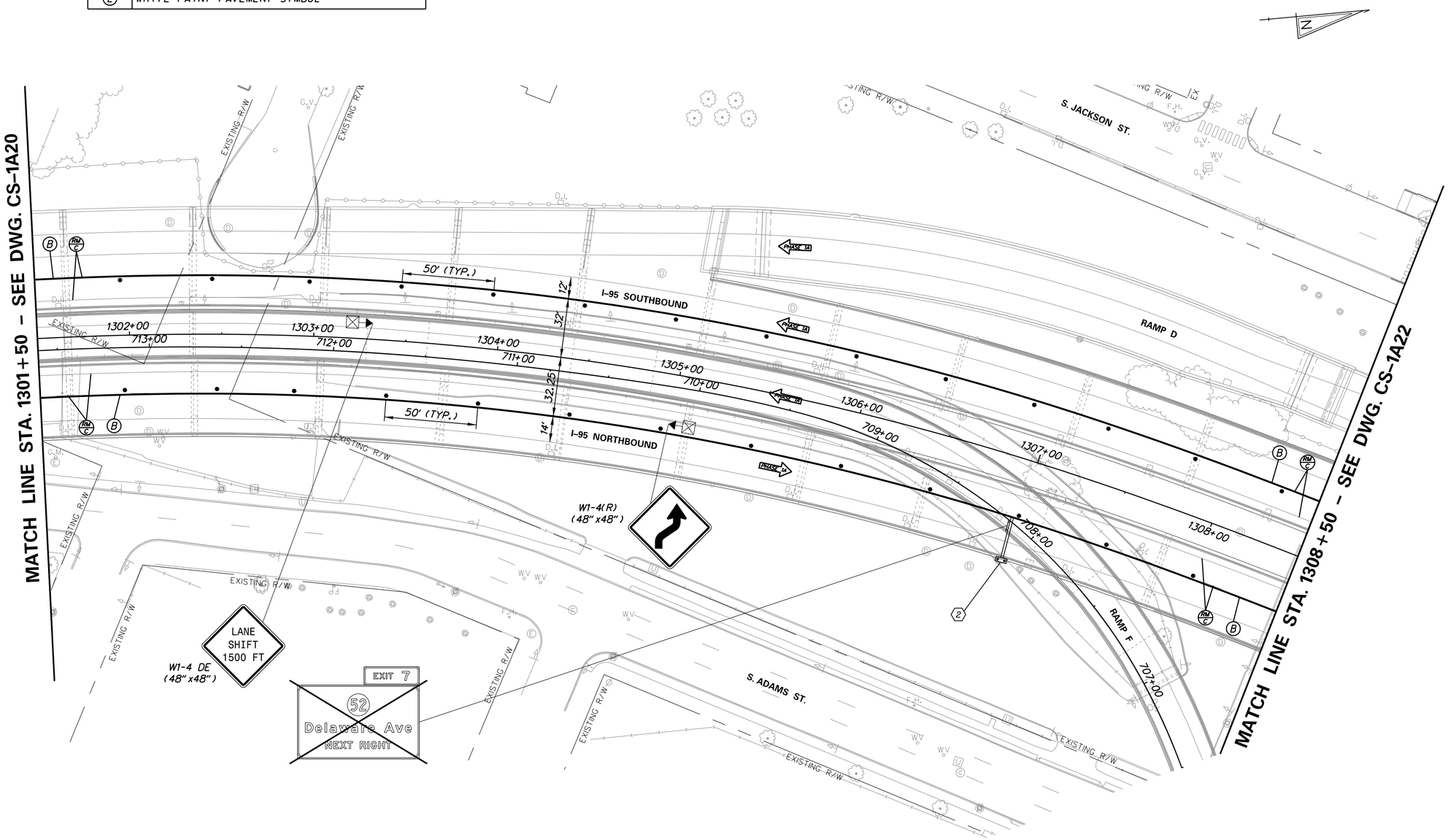
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. REMOVE EXISTING CANTILEVER SIGN STRUCTURE.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: WRA	
COUNTY		
NEW CASTLE	CHECKED BY: WRA	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS–1A21
SECTION
WRA
SHEET NO.
3-043

N:\3987-004\Contract_I-95\CADD\Traffic\CS1A21.dgn
5/21/2019 9:49:59 AM

CONSTRUCTION PHASING LEGEND

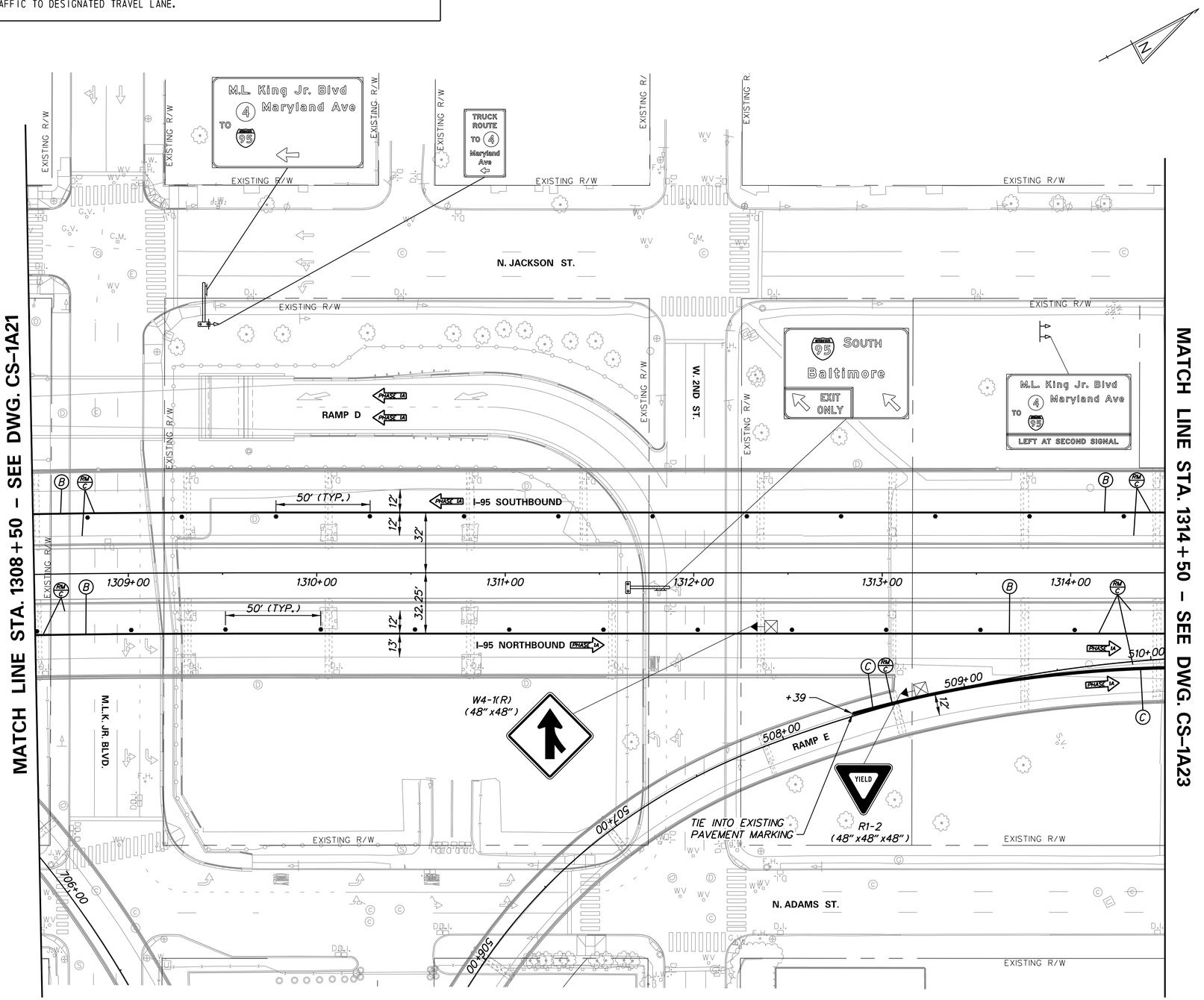
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: WRA	
COUNTY		
NEW CASTLE	CHECKED BY: WRA	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A22

SECTION	SHEET NO.
WRA	3-044

N:\31987-004\Contract_I-95\CADD\Traffic\CS1A22.dgn
5/21/2019 9:50:00 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

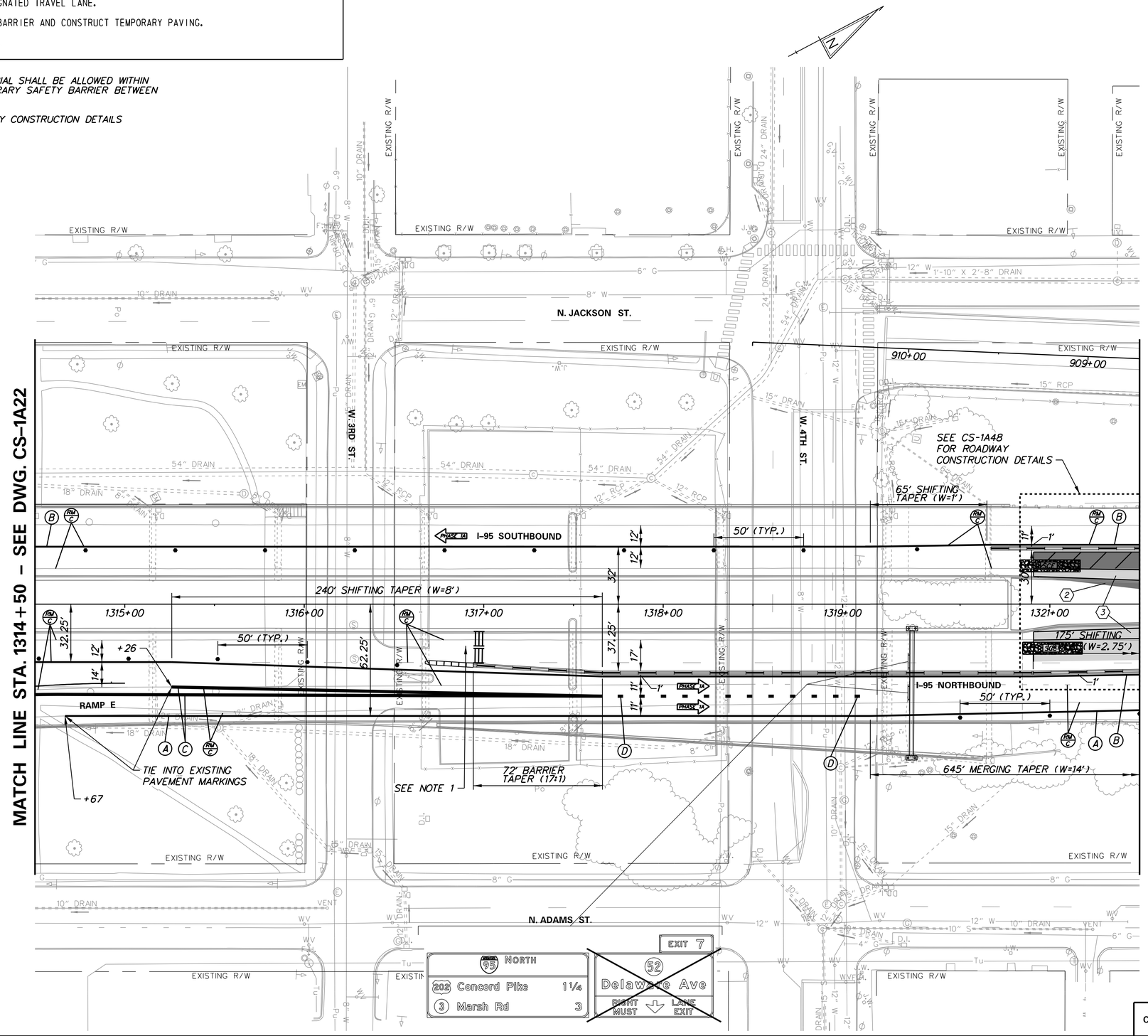
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.
3. RECONSTRUCT SHOULDER AND ROADWAY.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1316+65 AND STA. 1319+90.
2. SEE CS-1A50 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



N:\31987-004\CADD\Traffic\CS1A23.dgn
2/11/2016 9:11:58 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A23

SHEET NO.	TOTAL SHTS.
3-045	3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

TEMPORARY PAVEMENT MARKINGS LEGEND

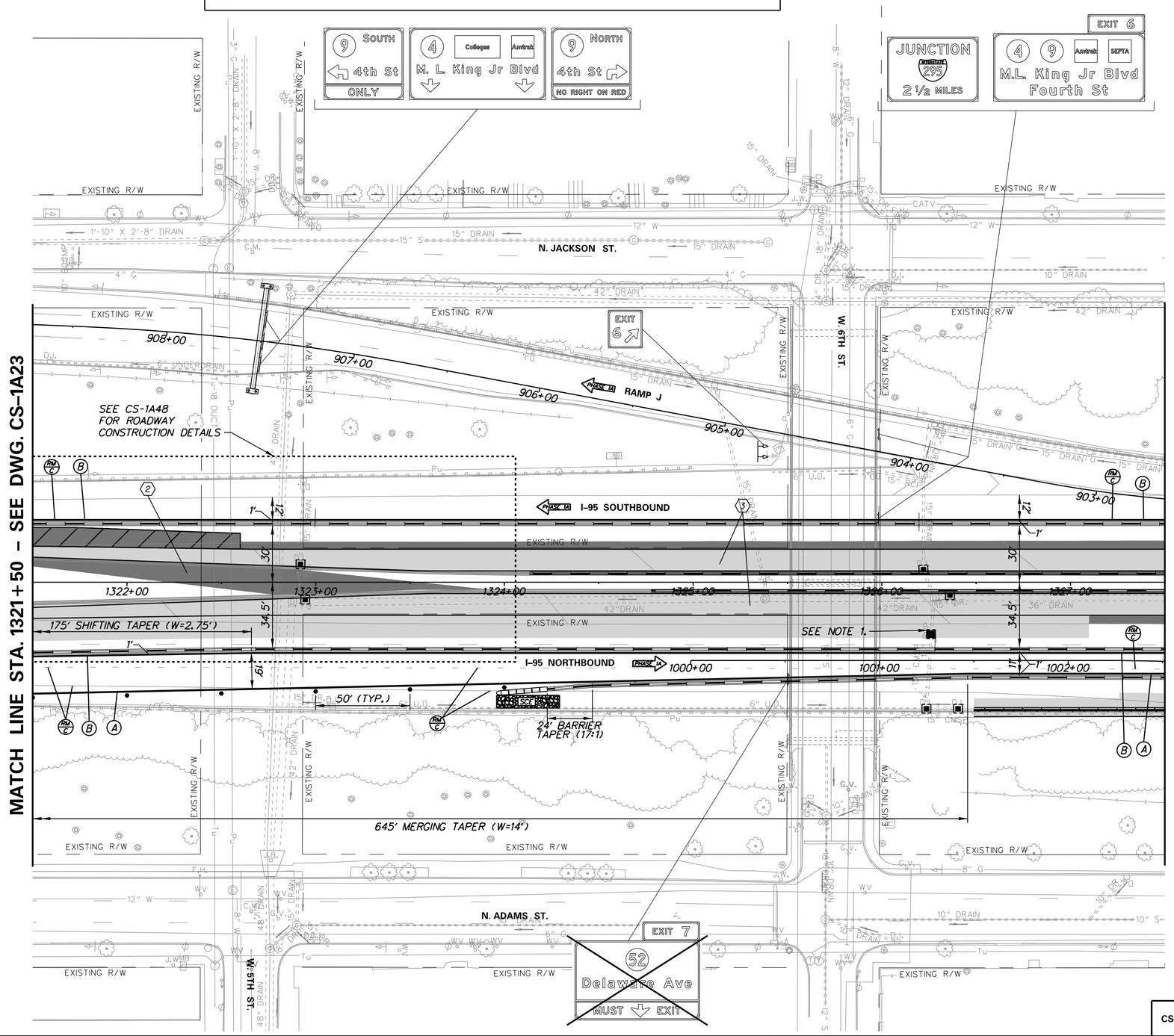
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:

1. TEMPORARY INLET, 34"X24" BOX INLET, GRATE 1, SHALL BE INSTALL AT STATION 1326+26, 29' RT. CONTRACTOR SHALL VARIFY TOP OF GRATE ELEVATION AND INVERT ELEVATION BASED OFF OF FLOW LINE AND EXISTING DRAINAGE SYSTEM. UNPON REMOVAL CONTRACT SHALL REPLACE EXISTING PIPE.COST SHALL BE INCIDENTAL.
2. SEE CS-1A50 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.
3. RECONSTRUCT SHOULDER AND ROADWAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A24
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-046
					CHECKED BY: WRA		TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A24.dgn
2/11/2016 9:12:00 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

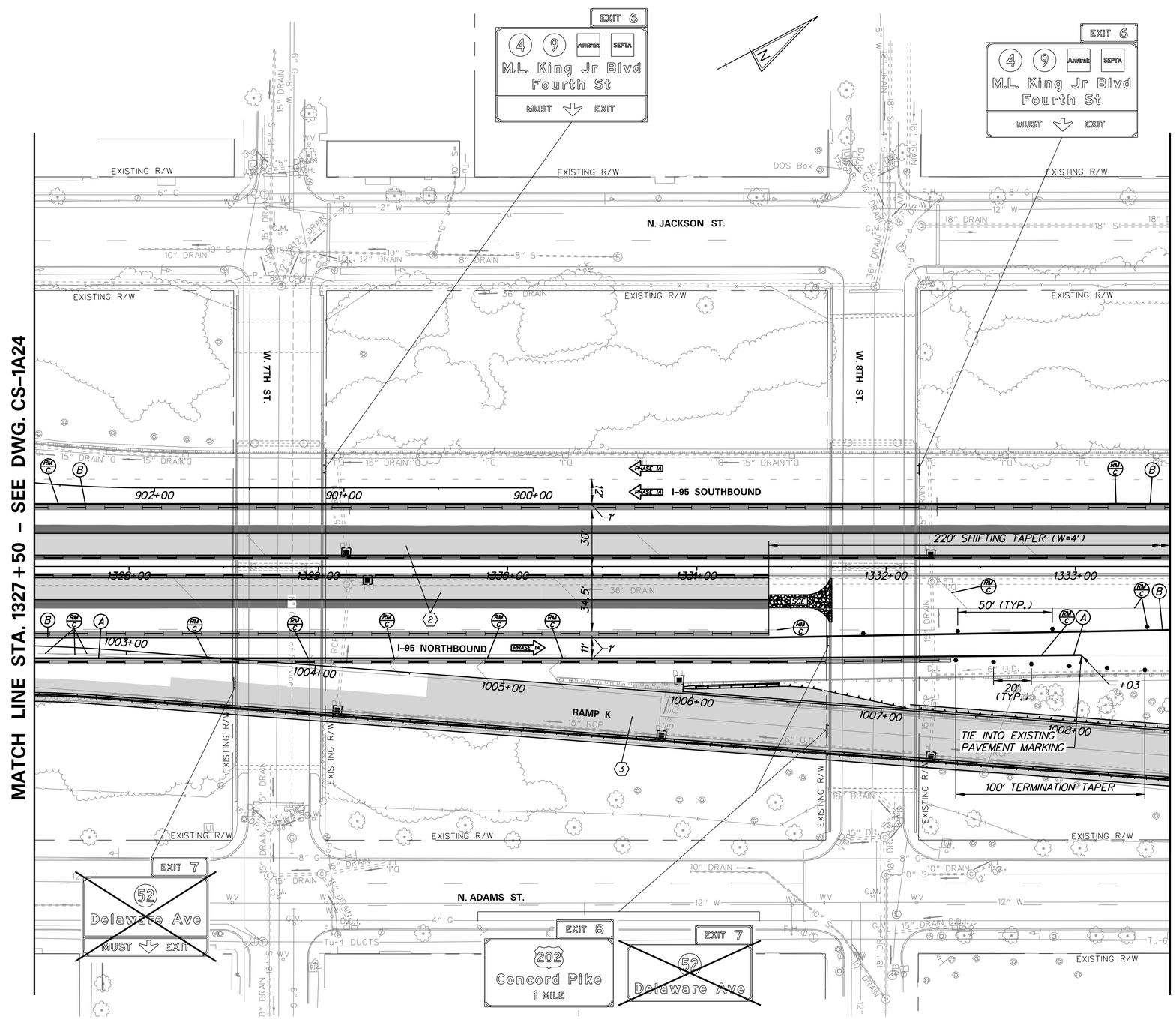
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-1A50 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER AND ROADWAY.
3. CLOSE RAMP K AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A25
SHEET NO. 3-047
TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A25.dgn
2/17/2016 9:12:01 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

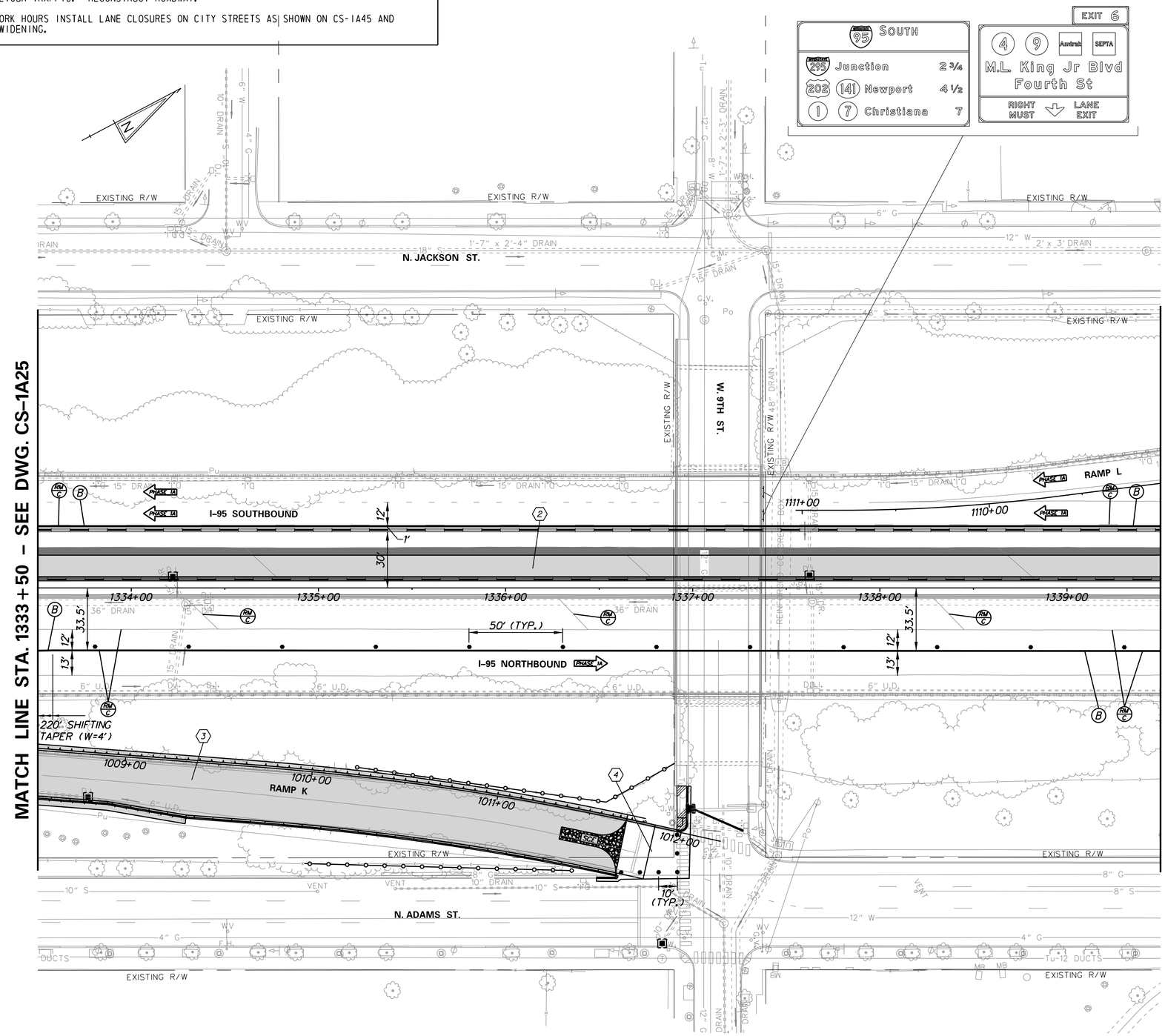
TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:
1. SEE CS-1A50 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER AND ROADWAY.
3. CLOSE RAMP K AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
4. DURING ALLOWABLE WORK HOURS INSTALL LANE CLOSURES ON CITY STREETS AS SHOWN ON CS-1A45 AND CONSTRUCT ROADWAY WIDENING.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A26 | SHEET NO. 3-048 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A26.dgn 2/17/2016 9:12:02 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

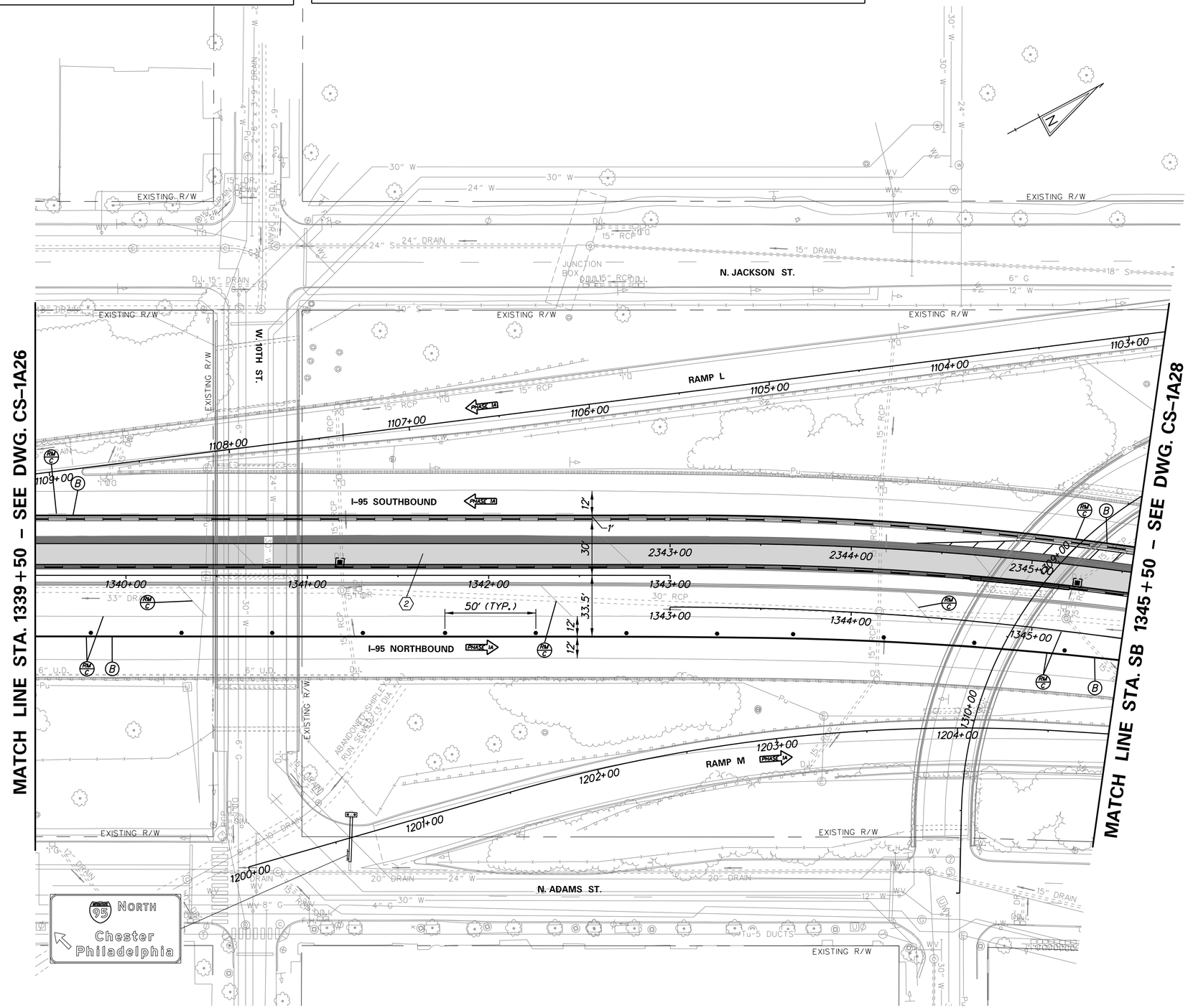
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-1A50 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER AND ROADWAY.



N:\31987-004\CADD\Traffic\CS1A27.dgn
2/11/2019 9:12:04 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A

CS-1A27

SHEET NO. 3-049

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

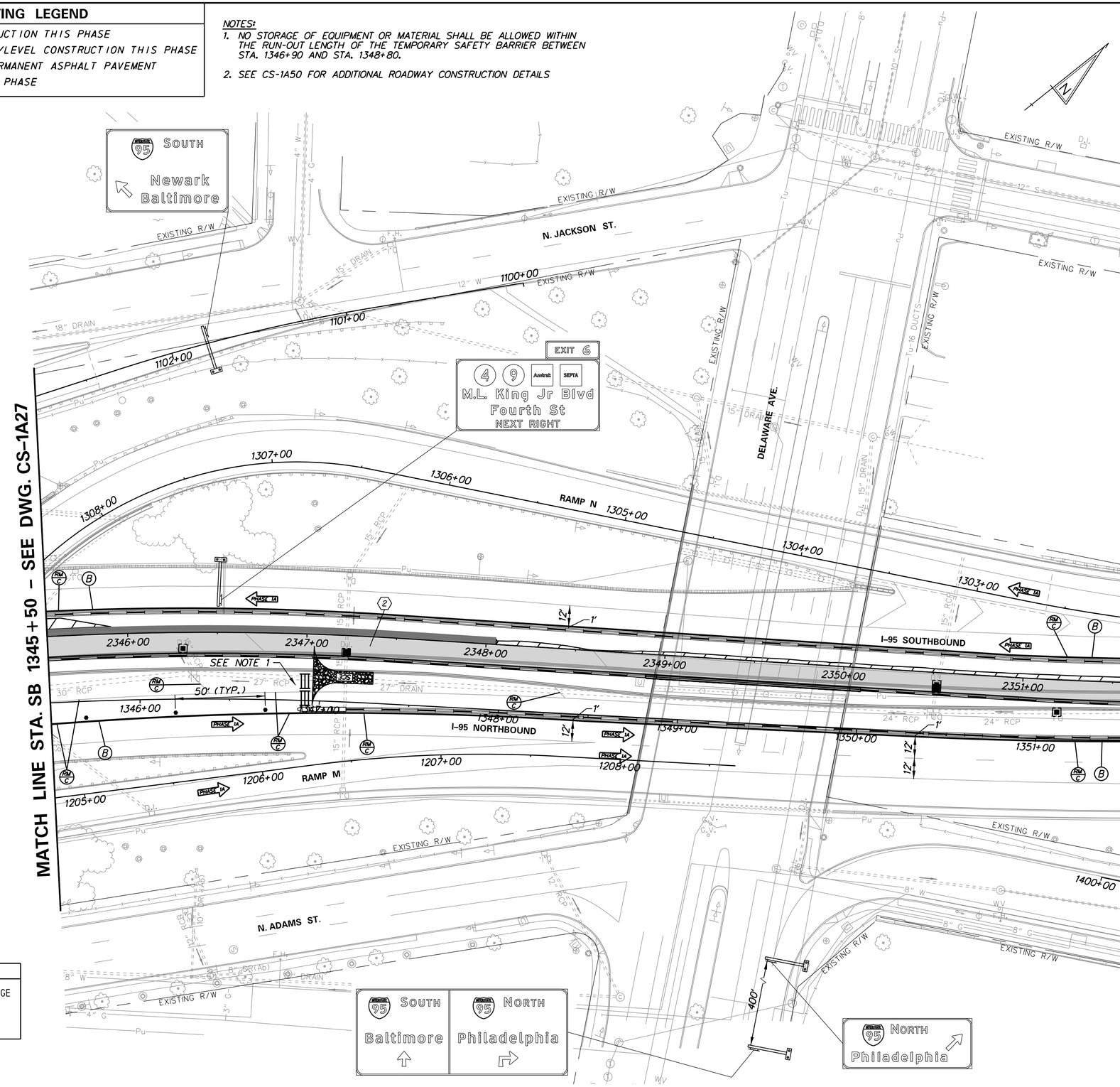
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1346+90 AND STA. 1348+80.
2. SEE CS-1A50 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. RECONSTRUCT SHOULDER AND ROADWAY.

N:\31987-004\CADD\Traffic\CS1A28.dgn
2/17/2016 9:12:06 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A28

SHEET NO. 3-050

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

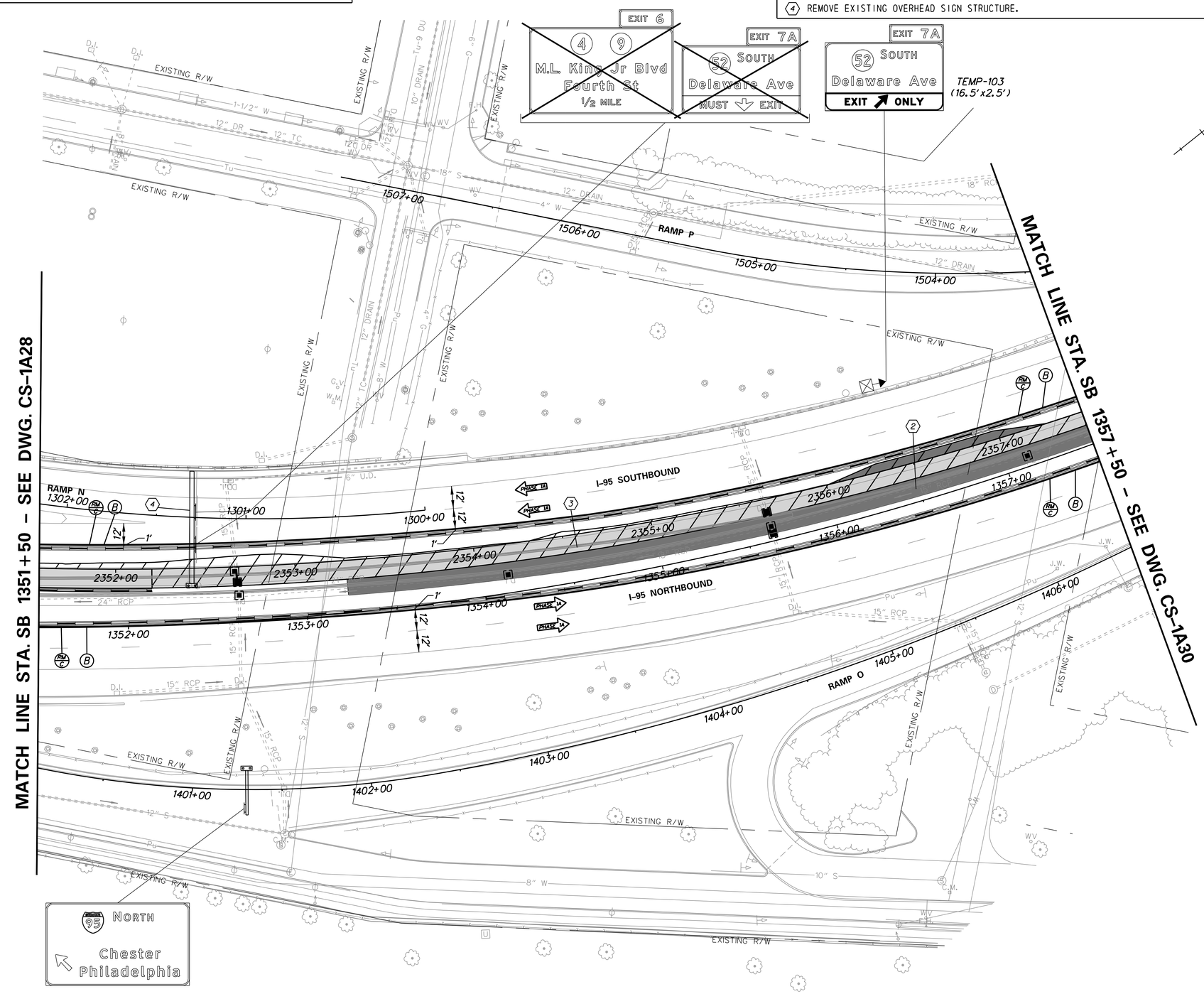
SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.
3. RECONSTRUCT SHOULDER AND ROADWAY.
4. REMOVE EXISTING OVERHEAD SIGN STRUCTURE.

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-1A50 AND CS-1A51 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A	CS-1A29 / SHEET NO. 3-051 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A29.dgn
2/17/2016 9:12:07 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVING LEGEND

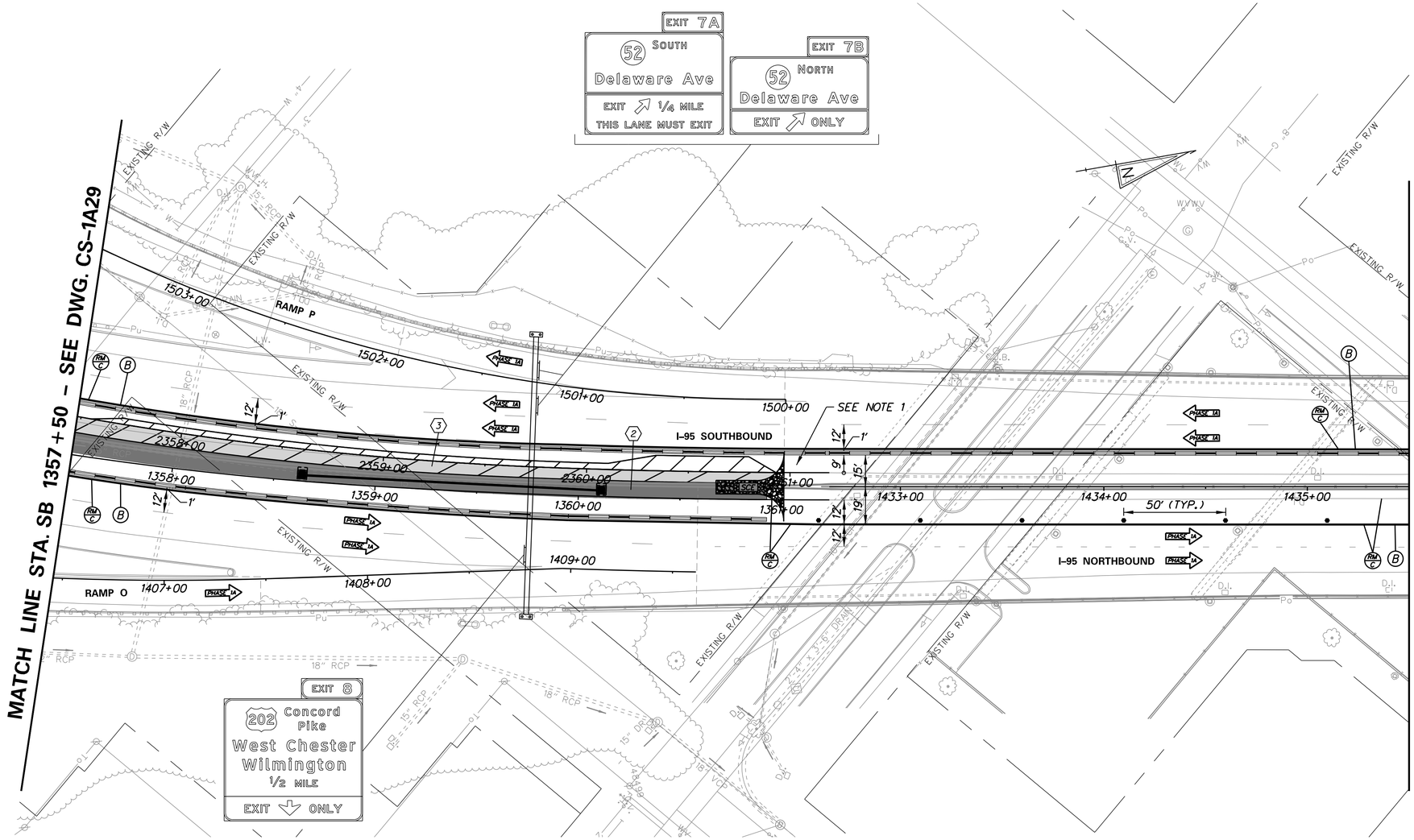
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.
3. RECONSTRUCT SHOULDER.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1432+40 AND STA. 1436+95.
2. SEE CS-1A51 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



N:\31987-094\CADD\Traffic\CS1A30.dgn
2/11/2016 9:12:08 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A30

SHEET NO. 3-052

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

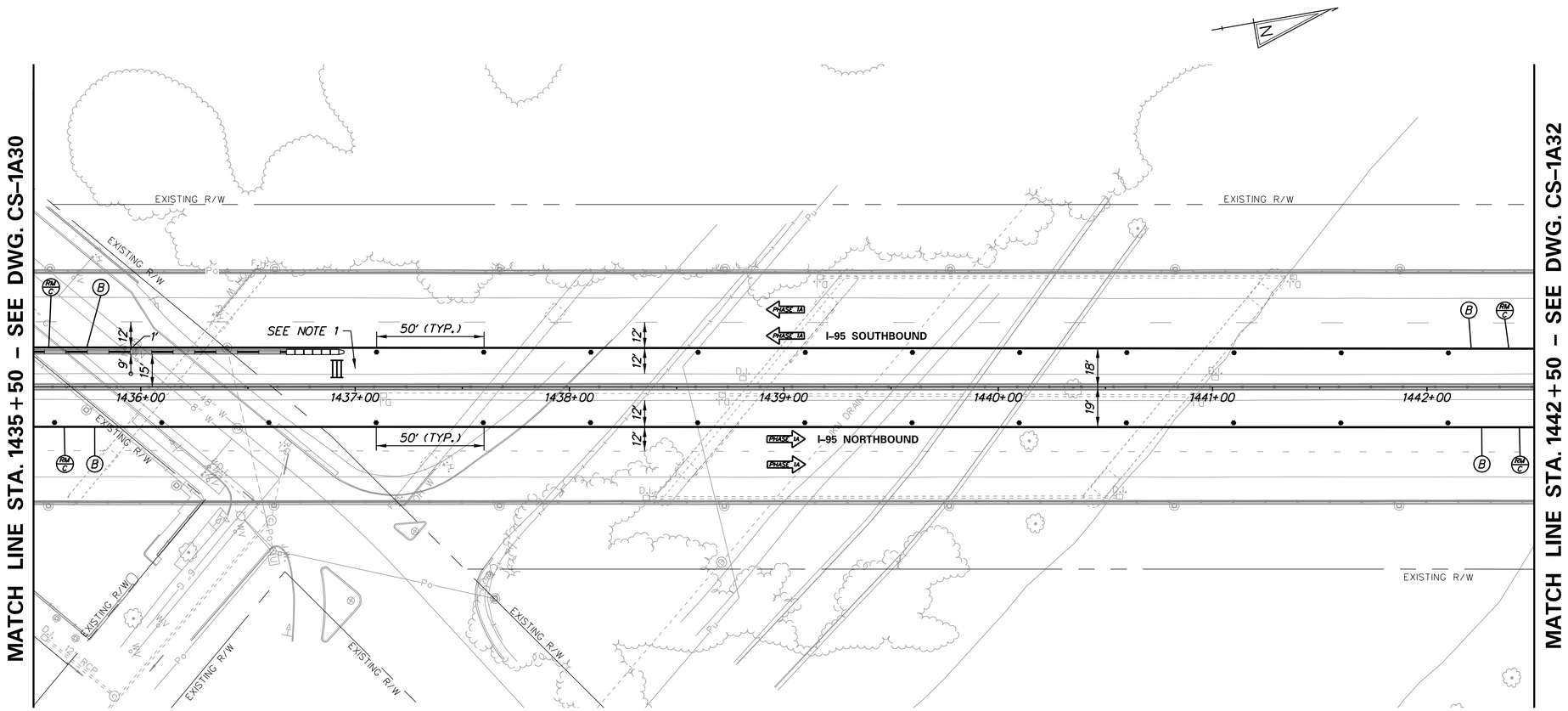
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1432+40 AND STA. 1436+95.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A31 / SHEET NO. 3-053 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A31.dgn
2/11/2018 9:12:10 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

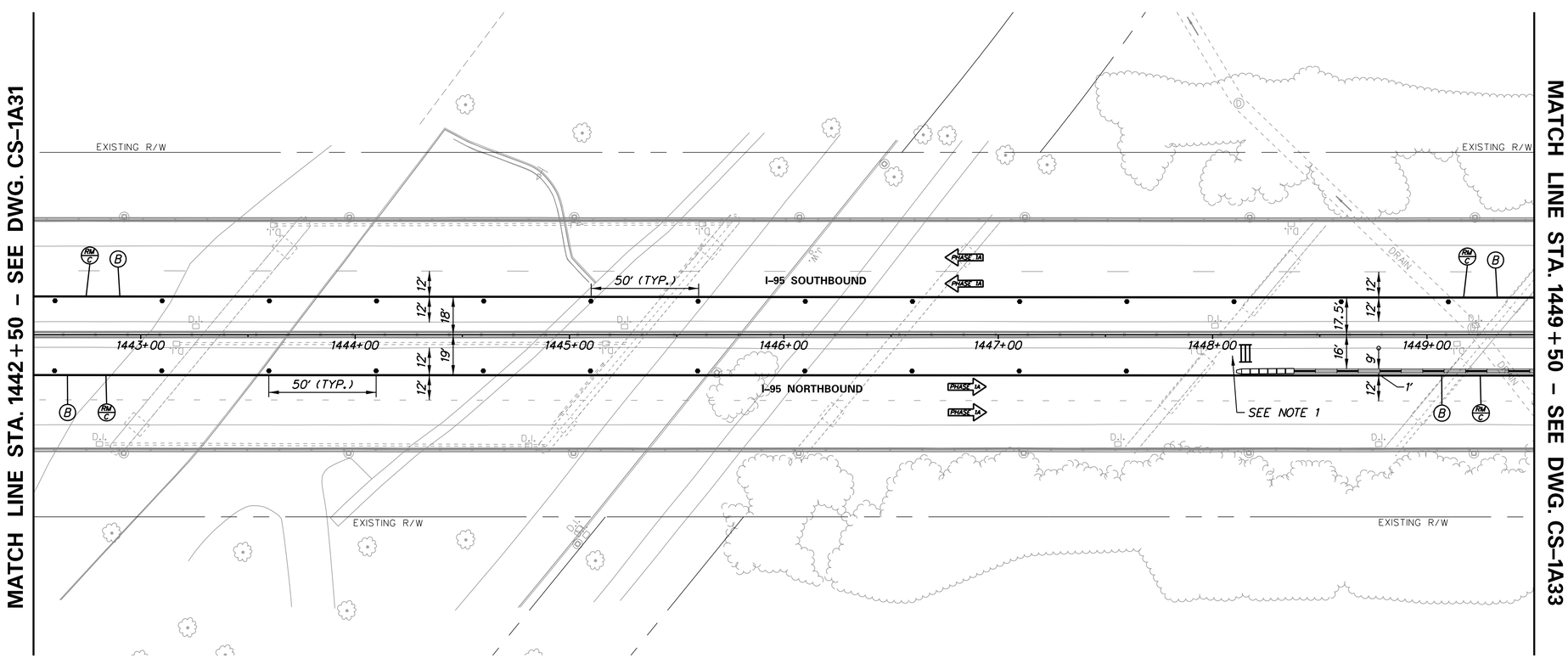
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1448+10 AND STA. 1451+45.



N:\31987-004\CADD\Traffic\CS1A32.dgn
2/11/2018 9:12:11 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A32

SHEET NO. 3-054

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVING LEGEND

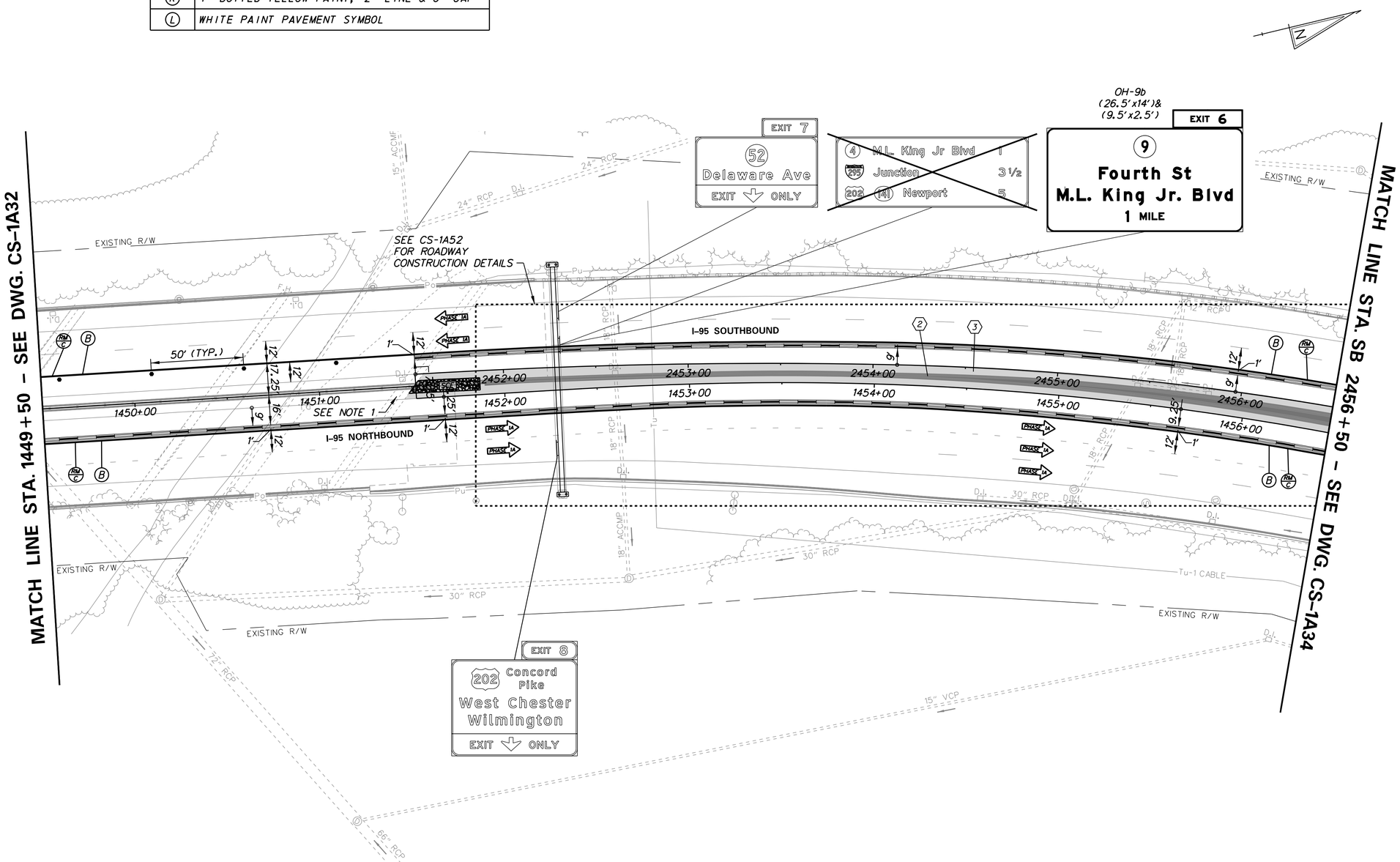
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1448+10 AND STA. 1451+45.

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.
3. RECONSTRUC SHOULDER.



N:\31987-004\CADD\Traffic\CS1A33.dgn
2/11/2018 9:12:12 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A33
SHEET NO.
3-055
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

TEMPORARY PAVING LEGEND

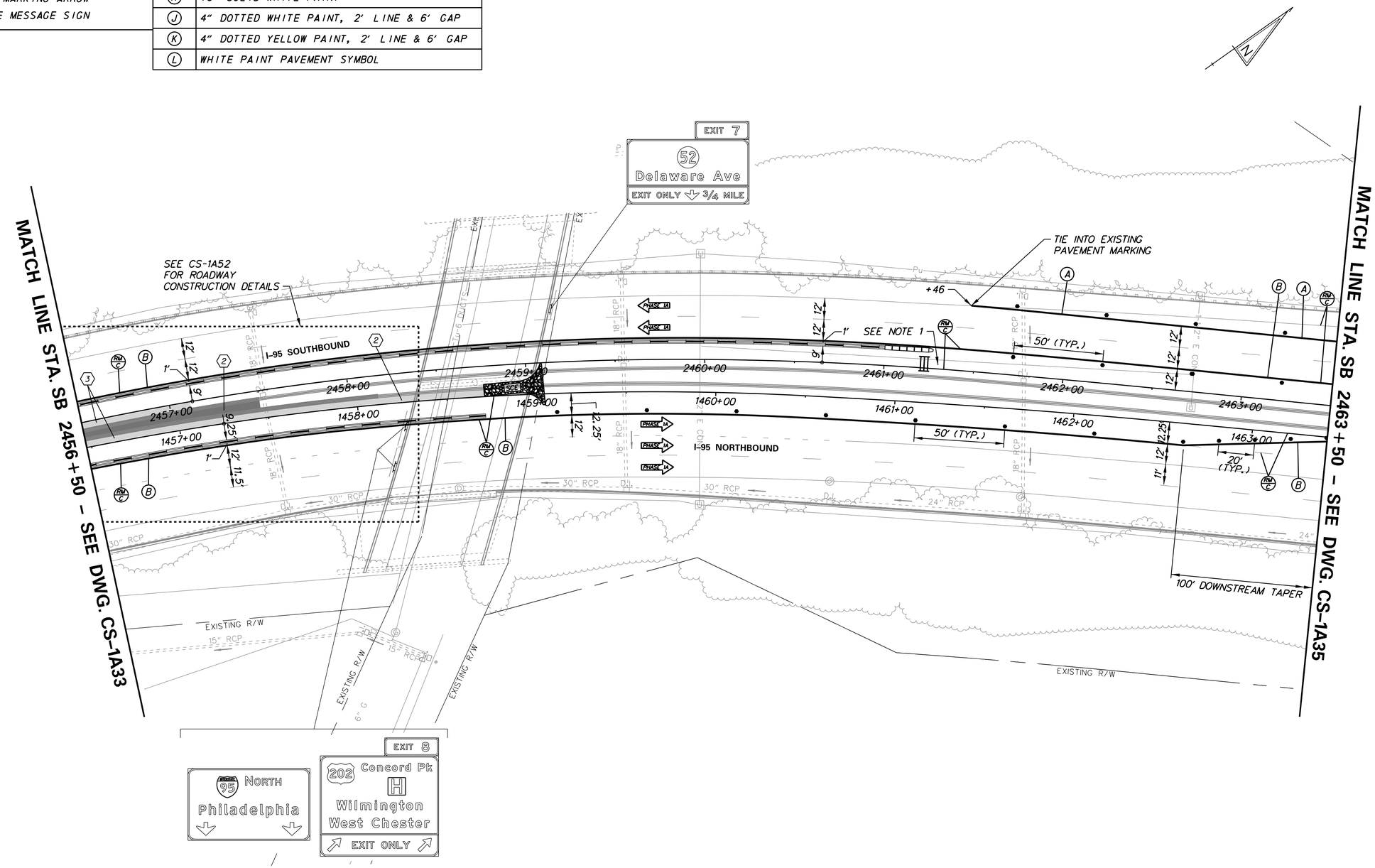
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 2458+75 AND STA. 2461+25.

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. REMOVE EXISTING CONCRETE MEDIAN BARRIER AND CONSTRUCT TEMPORARY PAVING.
3. RECONSTRUCT SHOULDER.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A34 / SHEET NO. 3-056 / TOTAL SHTS. 3-420

N:\31987-004\C400\Traffic\CS1A34.dgn
2/17/2016 9:12:15 AM

CONSTRUCTION PHASING LEGEND

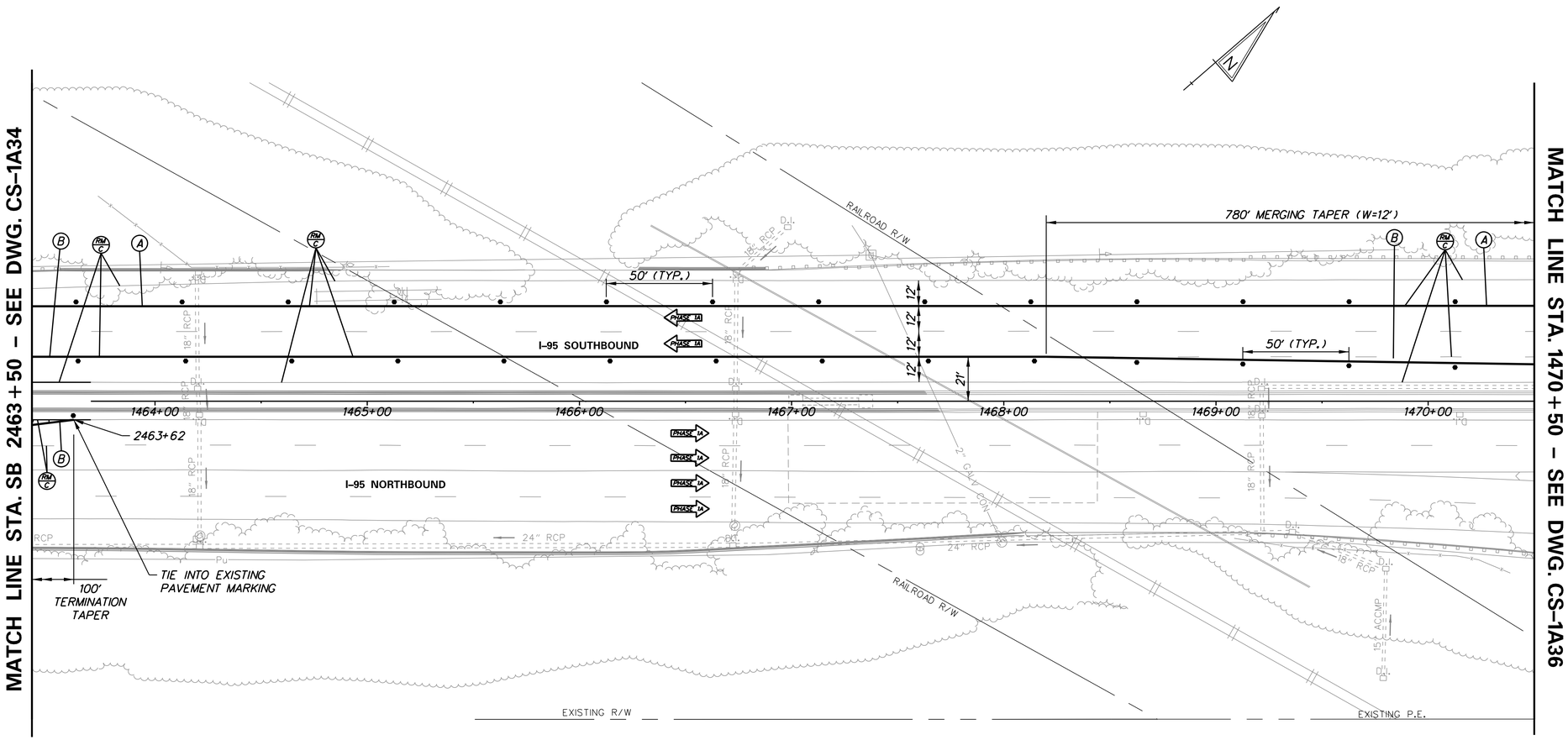
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



N:\31987-004\C400\Traffic\CS1A35.dgn
2/10/2016 9:21:15 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A35
SHEET NO. 3-057
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

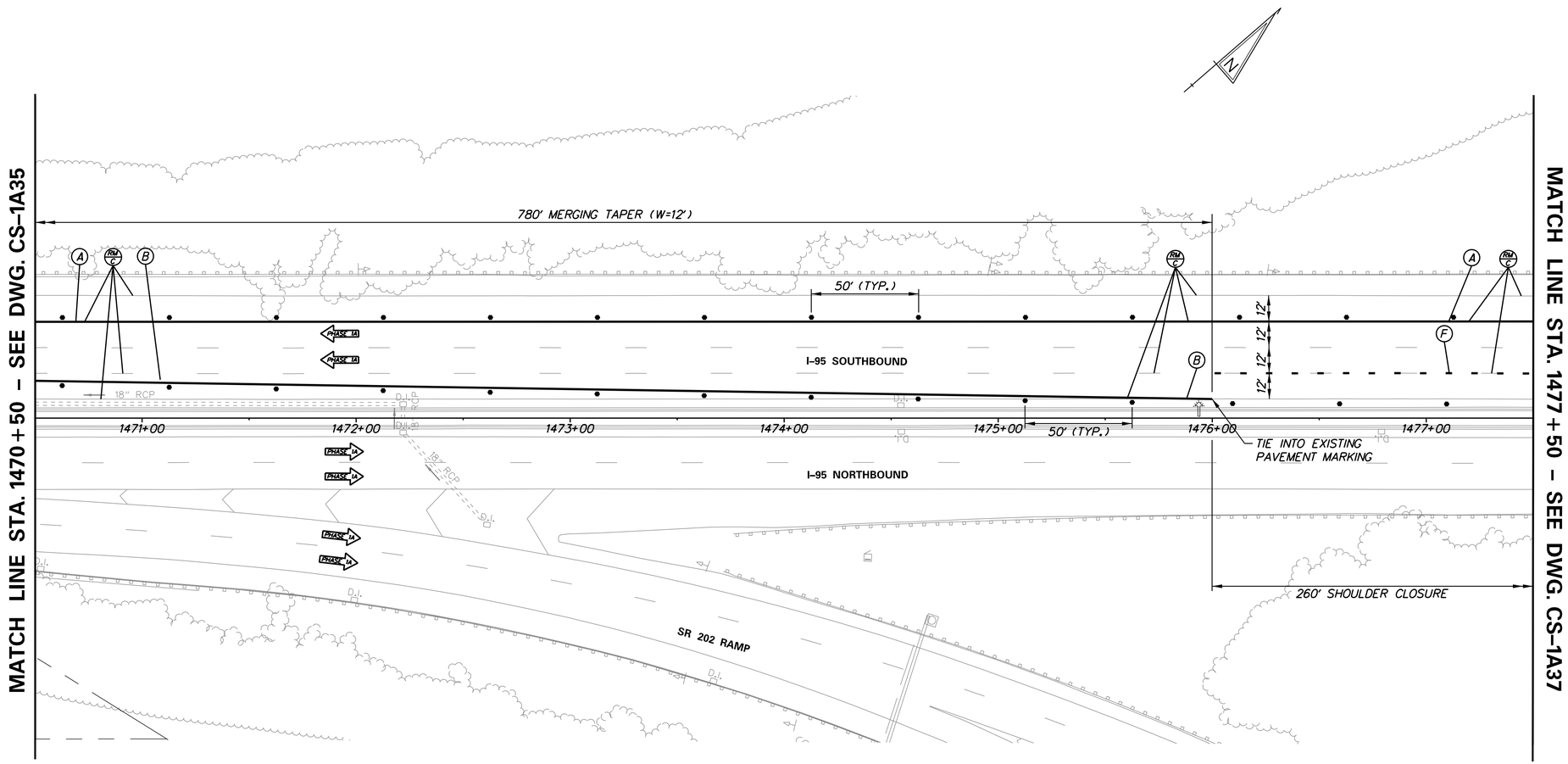
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



N:\31987-004\CADD\Traffic\CS1A36.dgn
2/11/2019 9:12:21 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A36 / SHEET NO. 3-058 / TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

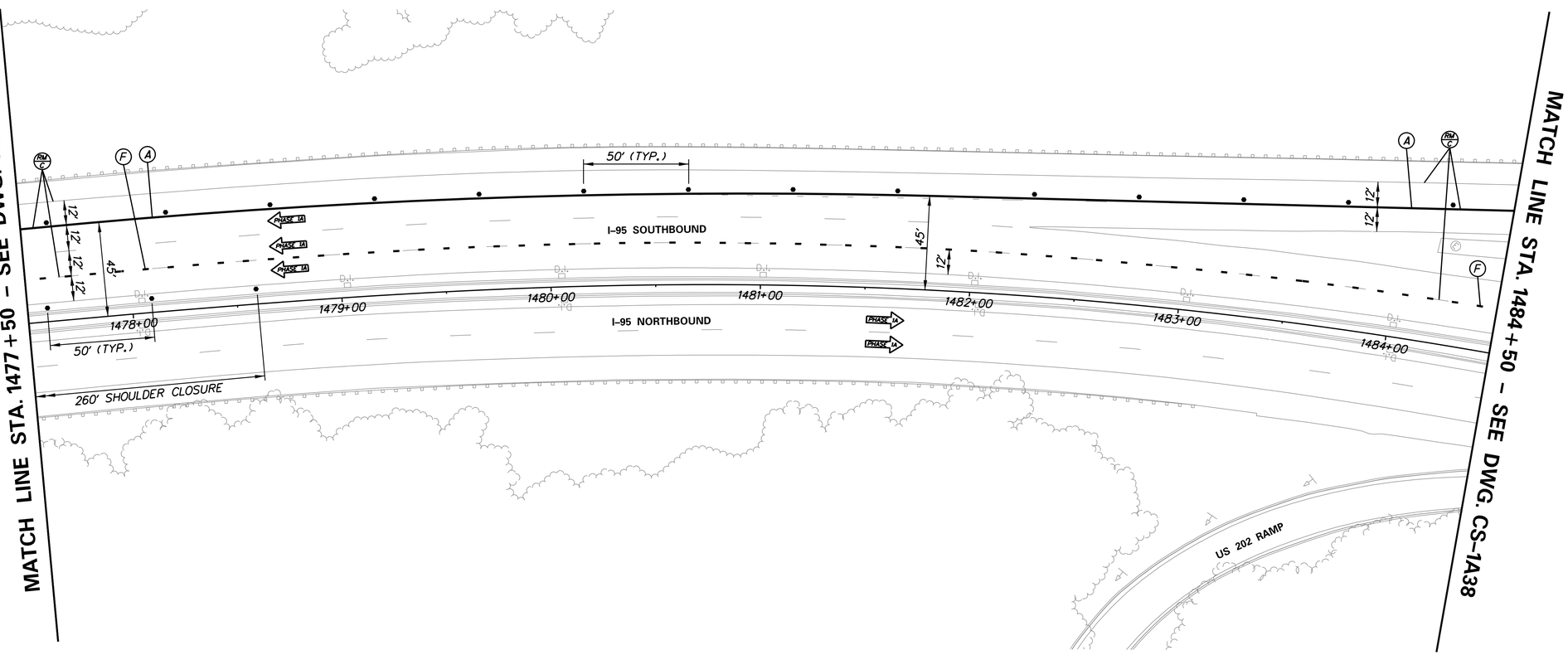
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A37 SHEET NO. 3-059
				COUNTY NEW CASTLE	DESIGNED BY: WRA		TOTAL SHTS. 3-420
					CHECKED BY: WRA		

N:\31987-004\CADD\Traffic\CS1A37.dgn
2/11/2018 9:12:22 AM

CONSTRUCTION PHASING LEGEND

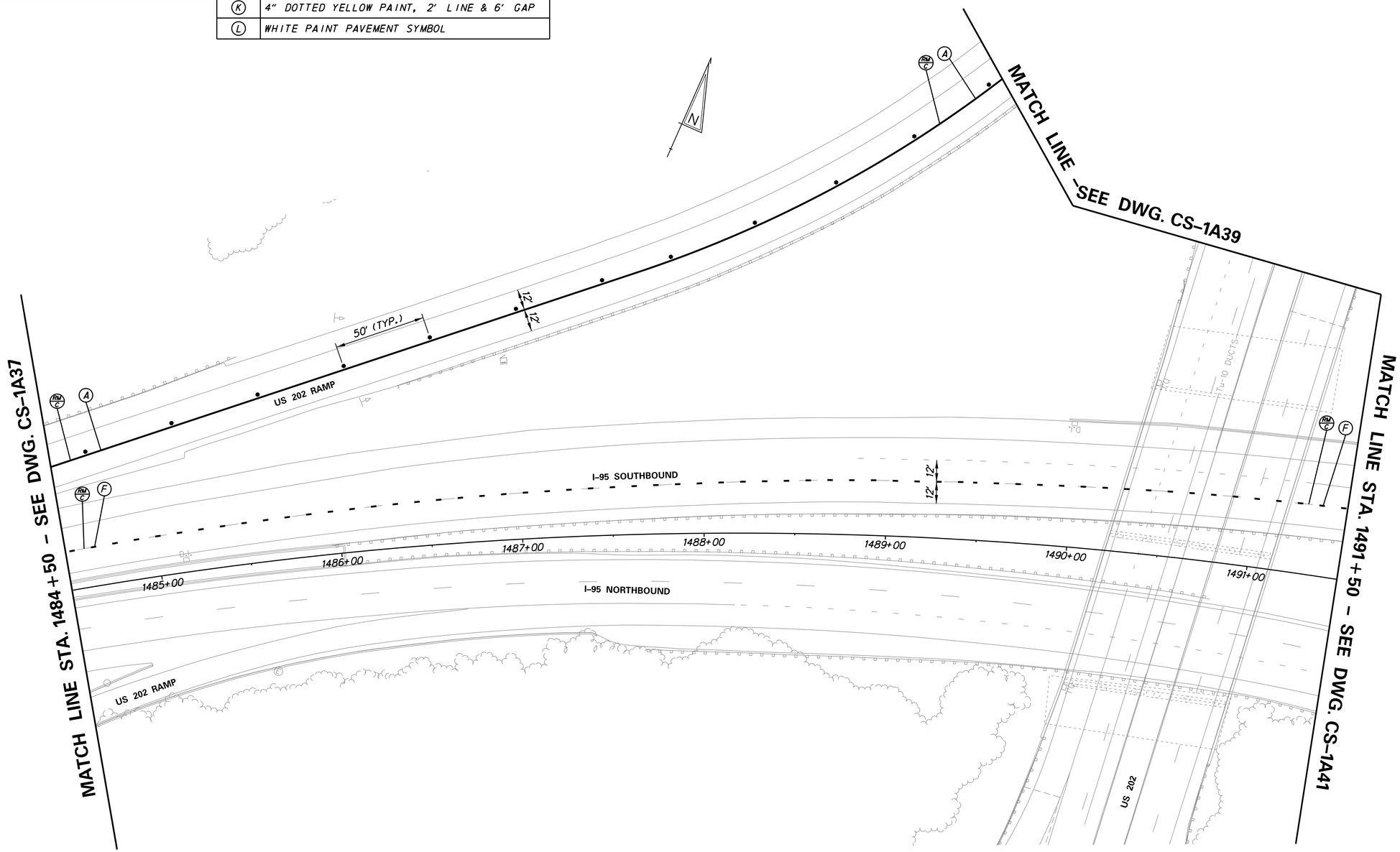
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



N:\31987-004\CADD\Traffic\CS1A38.dgn
2/11/2016 9:12:23 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A38
SHEET NO.
3-060
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

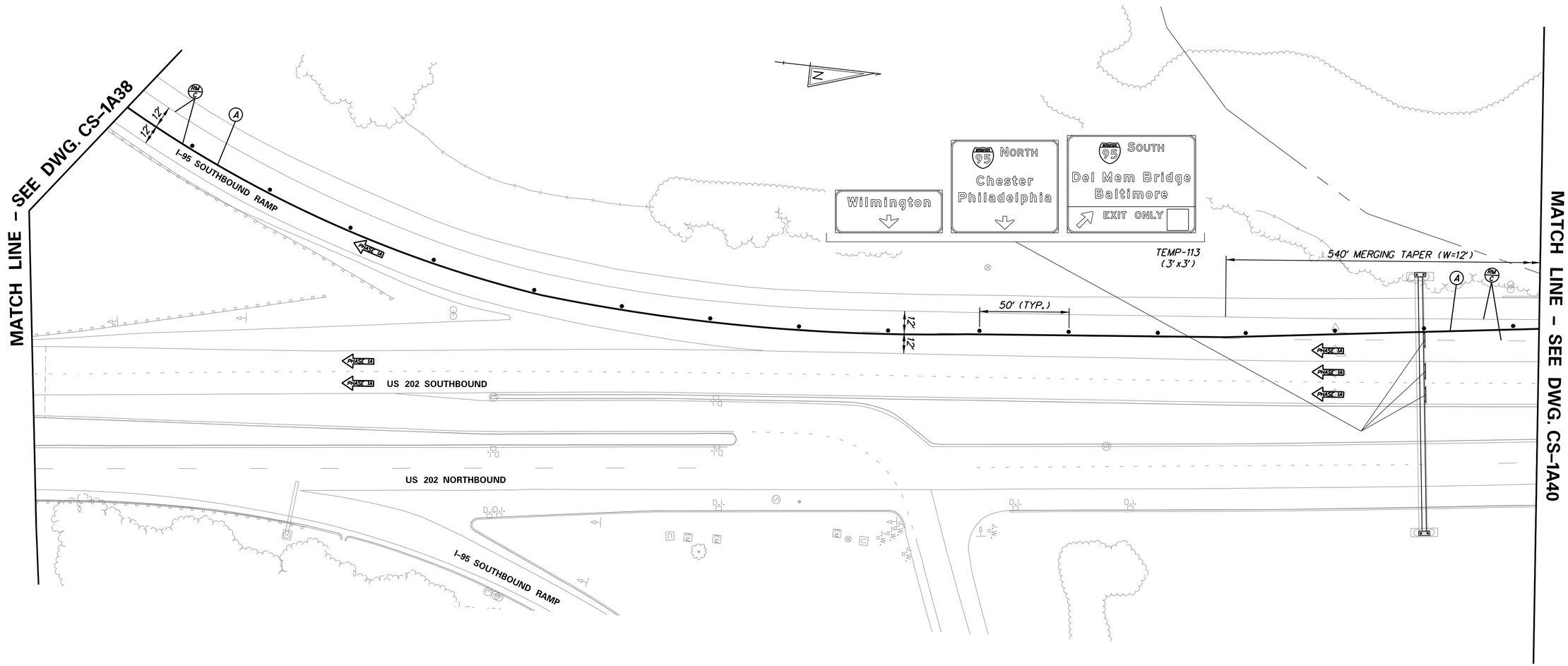
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



N:\31987-004\CADD\Traffic\CS1A39.dgn
2/11/2016 9:12:24 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A39 / SHEET NO. 3-061 / TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

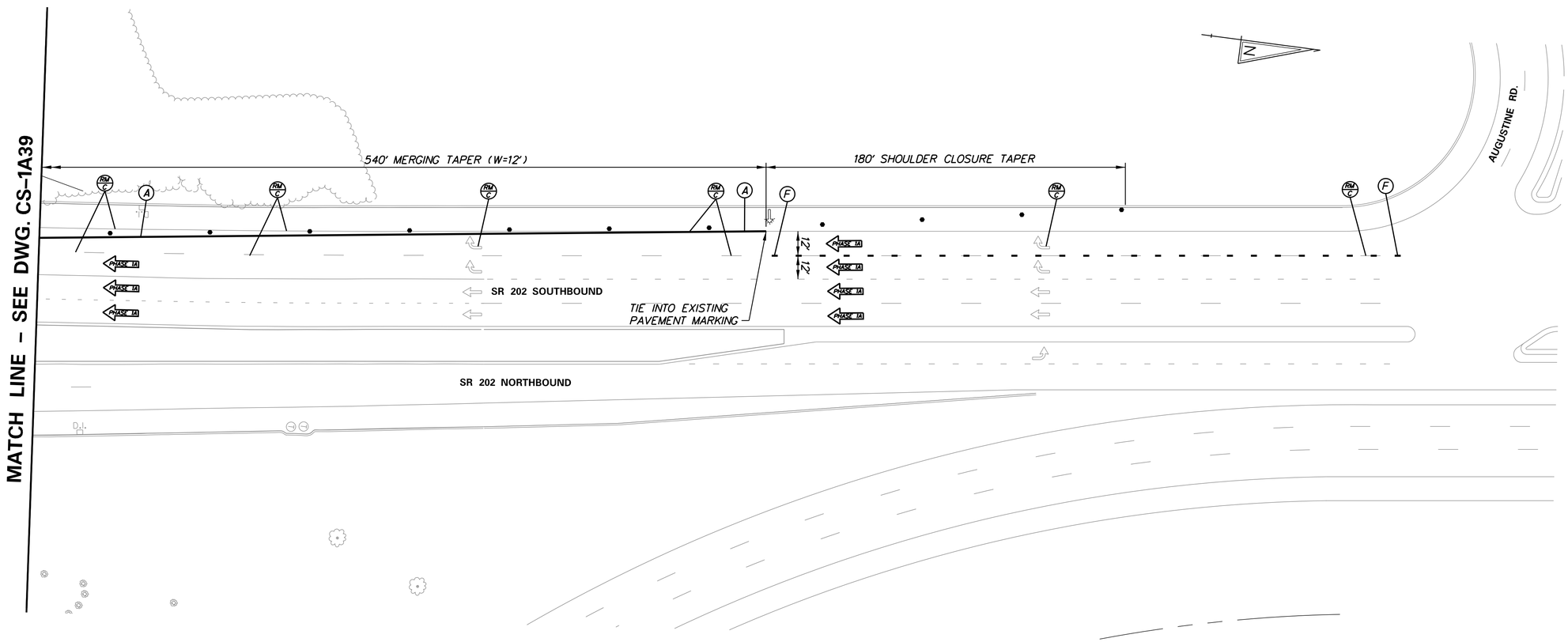
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



N:\31987-00A\CADD\Traffic\CS1A40.dgn
2/11/2018 9:12:25 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A40
SHEET NO.
3-062
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

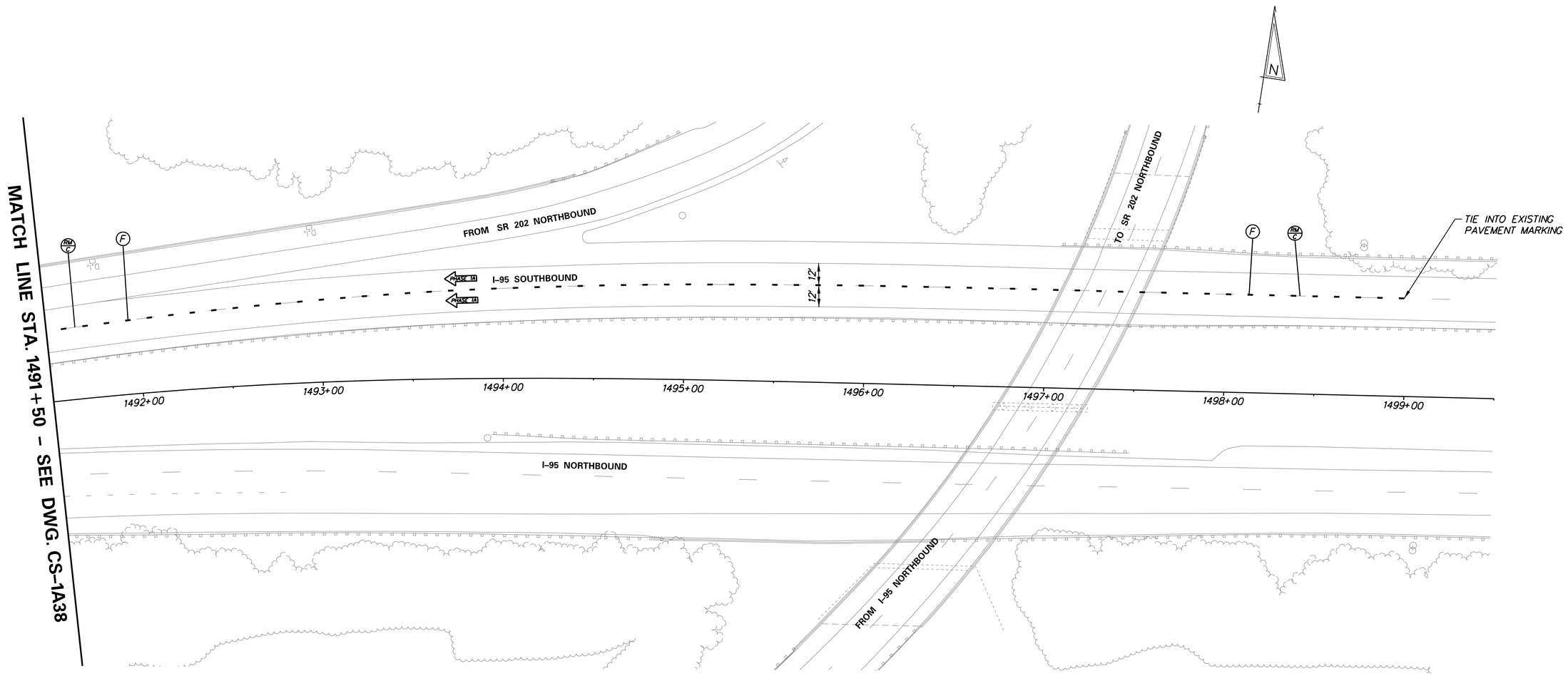
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IA

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IA PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.



N:\31987-004\CADD\Traffic\CS1A41.dgn
2/11/2016 9:12:26 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A41

SHEET NO. 3-063

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

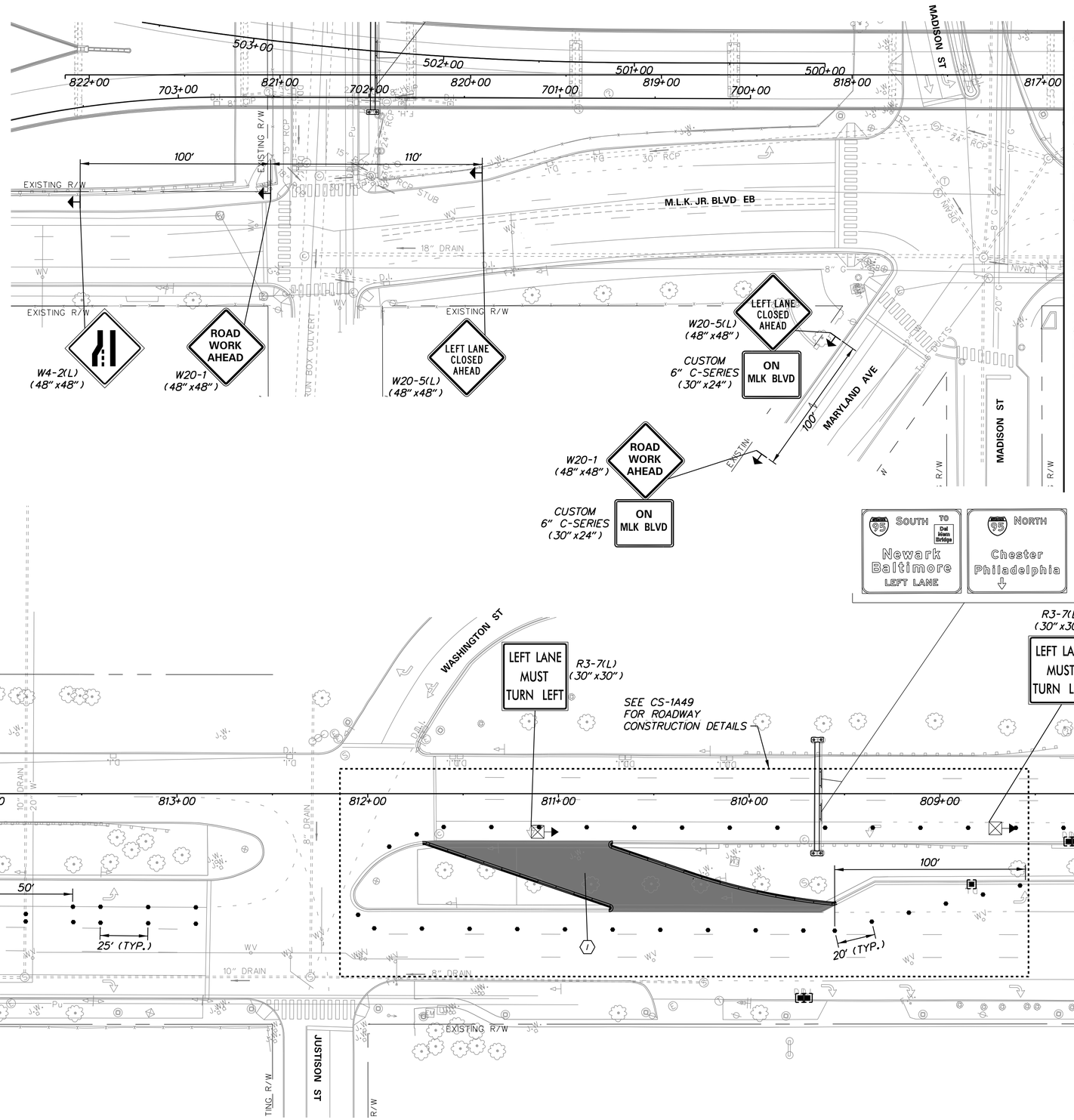
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. DURING ALLOWABLE WORK HOURS, CLOSE THE LEFT LANES ON MARTIN LUTHER KING JR BLVD AS SHOWN ON PLAN AND CONSTRUCT TEMPORARY ROADWAY LIGHTING AND ITMS RELOCATIONS AND TEMPORARY ROADWAY CONSTRUCTION FOR TEMPORARY CROSSOVER TO BE USED IN SUBSEQUENT STAGES

NOTES:

1. DURING NON-WORKING HOURS AND TIMES THAT THE CROSSOVER IS NOT IN USE BY TRAFFIC THE CONTRACTOR SHALL INSTALL DRUMS IN-LINE WITH THE EXISTING CURB TO REMAIN ALONG BOTH DIRECTIONS OF MARTIN LUTHER KING JR BLVD TO CLOSE OFF THE CROSSOVER.
2. THE CONTRACTOR SHALL COORDINATE WITH DELDOT FOR TEMPORARY SIGNAL PHASING ADJUSTMENTS DURING IMPLEMENTATION ON THE LANE CLOSURES SHOWN ON THIS PLAN.



N:\31987-004\CADD\Traffic\CS1A42.dgn
2/17/2018 9:12:27 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A42
SHEET NO. 3-064
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

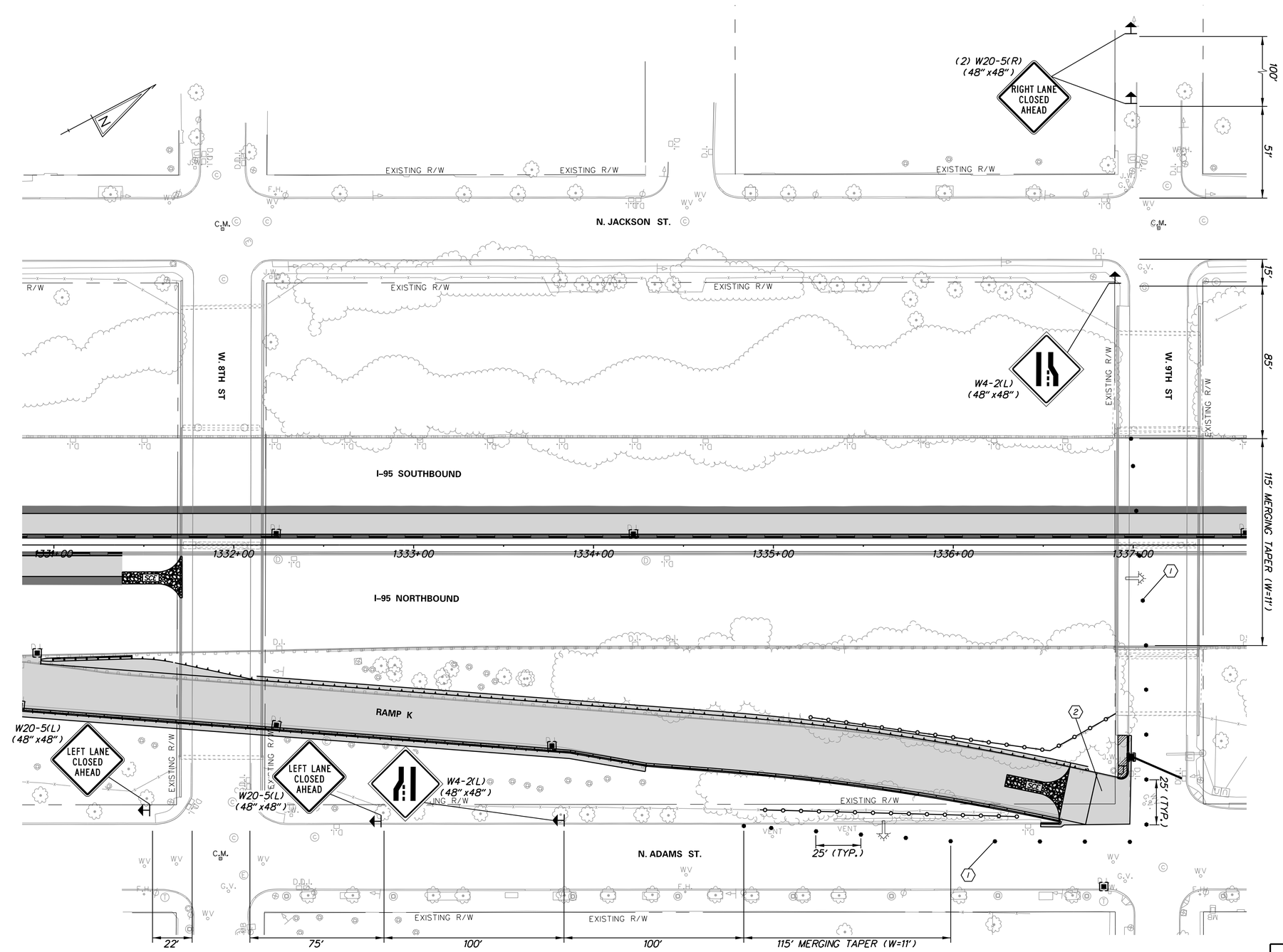
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1A

1. DURING ALLOWABLE WORK HOURS, INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THIS PLAN. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANE.
2. CONSTRUCT RAMP TIE-IN.



N:\31987-004\C400\Traffic\CS1A45.dgn
2/11/2016 9:12:32 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / BRIDGE NO. / COUNTY NEW CASTLE / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A45

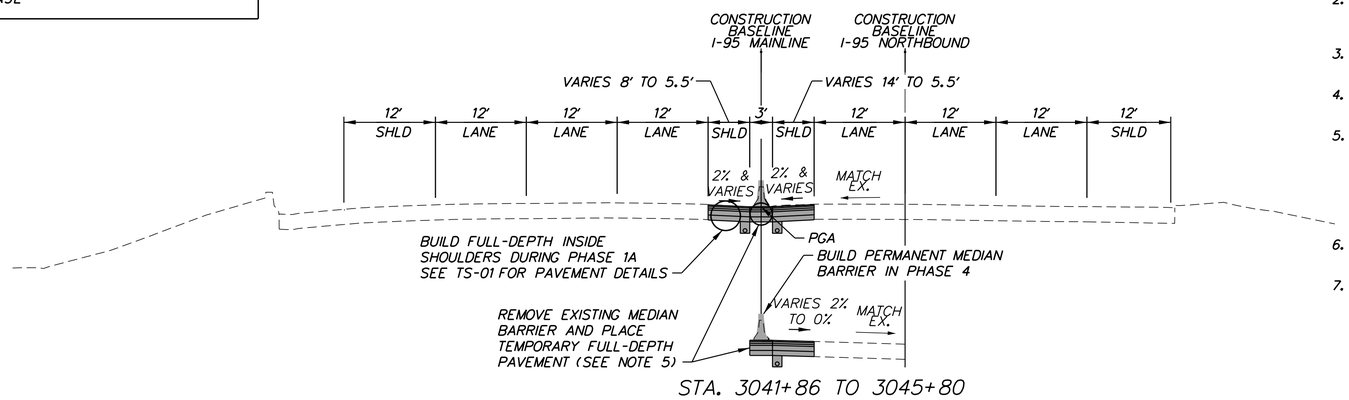
SHEET NO.	TOTAL SHTS.
3-067	3-420

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

BASELINE ELEVATIONS

STATION	PGA EL.
3042+00	14.31'
3042+50	14.65'
3043+00	14.75'
3043+50	15.19'
3044+00	15.49'
3044+50	15.86'
3045+00	16.41'
3045+50	17.18'
3046+00	17.90'
3046+50	18.68'
3047+00	19.42'
3047+50	20.20'
1200+00	20.68'
1200+50	21.37'
1201+00	22.15'
1201+50	22.87'
1202+00	23.69'
1202+50	24.40'
1203+00	25.10'
1203+50	25.85'
1204+00	26.54'



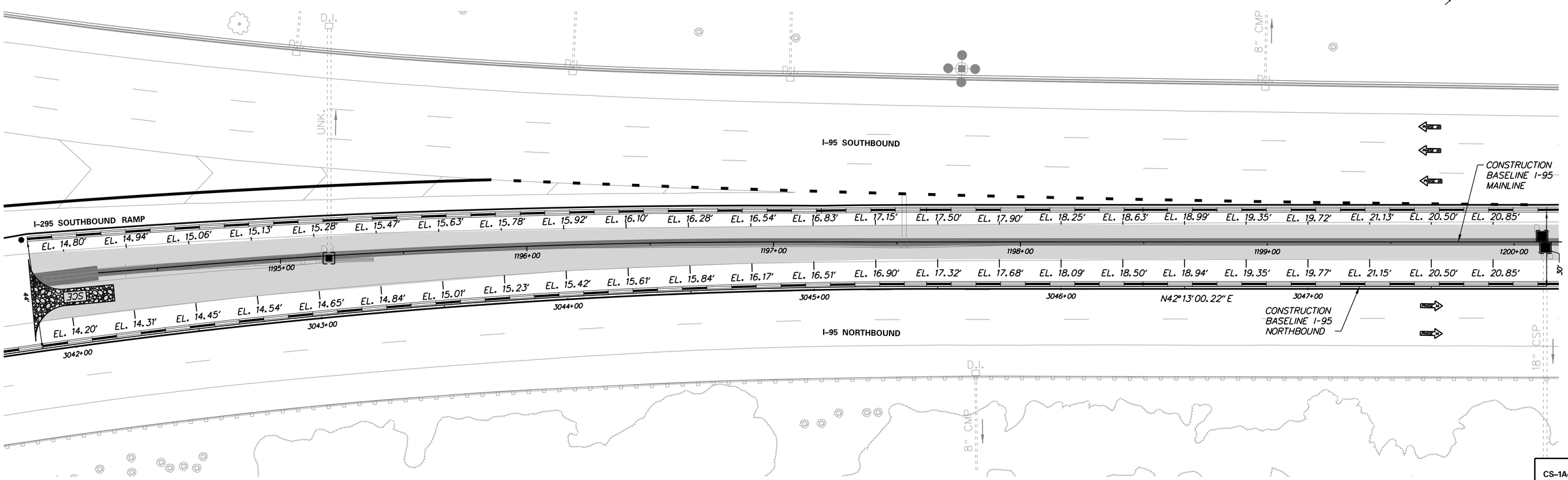
STA. 3041+86 TO 3045+80

I–95 PHASE 1A

STATION 3041+85.65 TO STATION 3047+96.69
STATION 1194+25.92 TO STATION 1204+49.15

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"



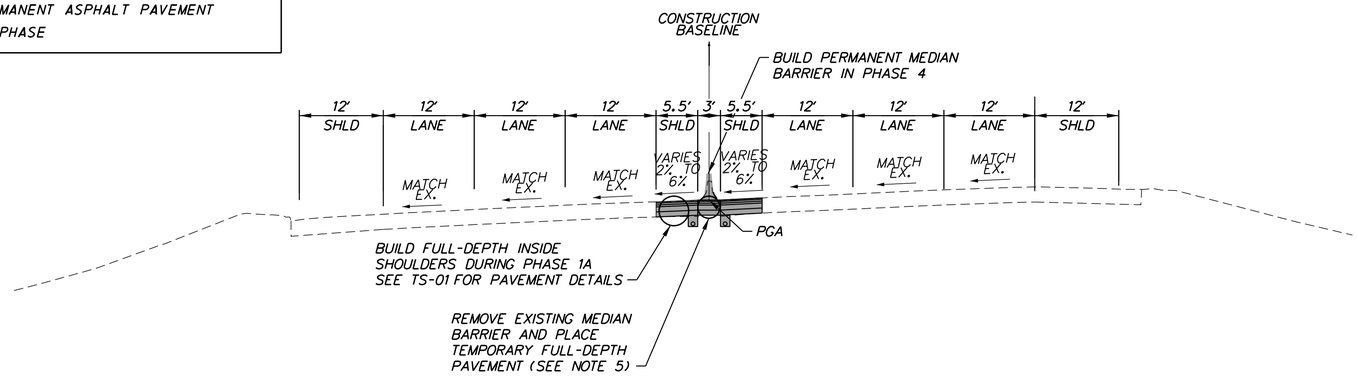
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 20 40 60 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS–1A46 / SHEET NO. 3-068 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A46.dgn
2/11/2018 9:12:33 AM

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

BASELINE ELEVATIONS	
STATION	PGA EL.
1257+50	16.78'
1258+00	17.19'
1258+50	17.51'
1259+00	17.87'
1259+50	18.24'
1260+00	18.65'
1260+50	19.01'
1261+00	19.35'

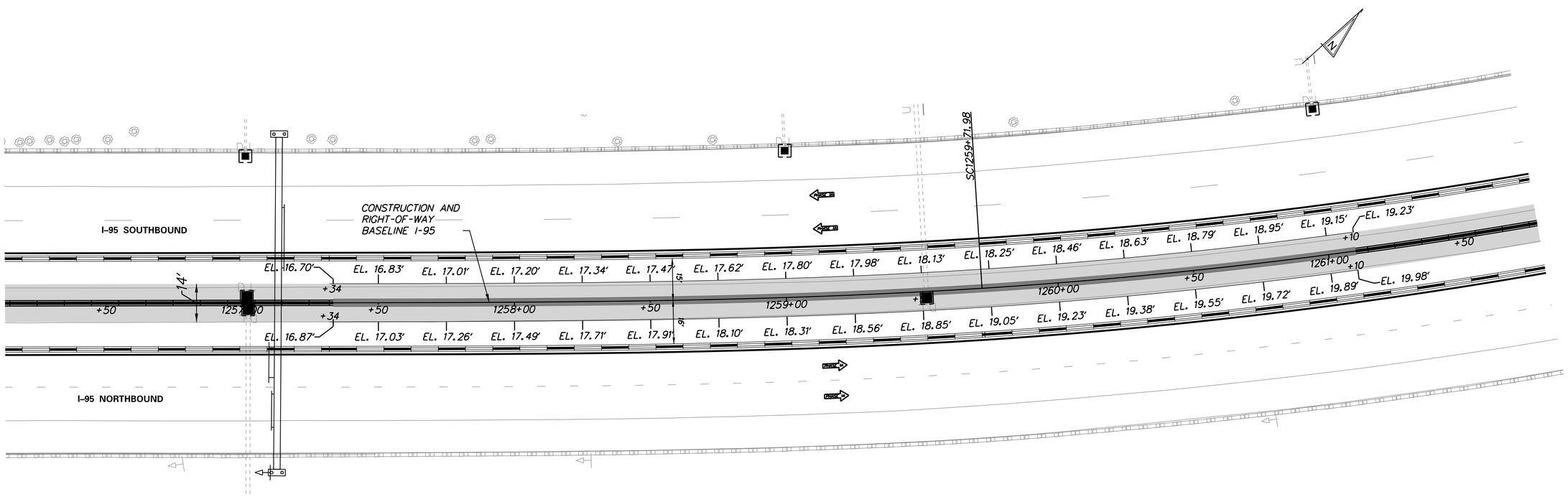


I-95 PHASE 1A

STATION 1257+34 TO STATION 1261+10

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 20 40 60 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A47 / SHEET NO. 3-069 / TOTAL SHTS. 3-420

N:\31987-094\C4D\Traffic\CS1A47.dgn
2/11/2016 9:12:34 AM

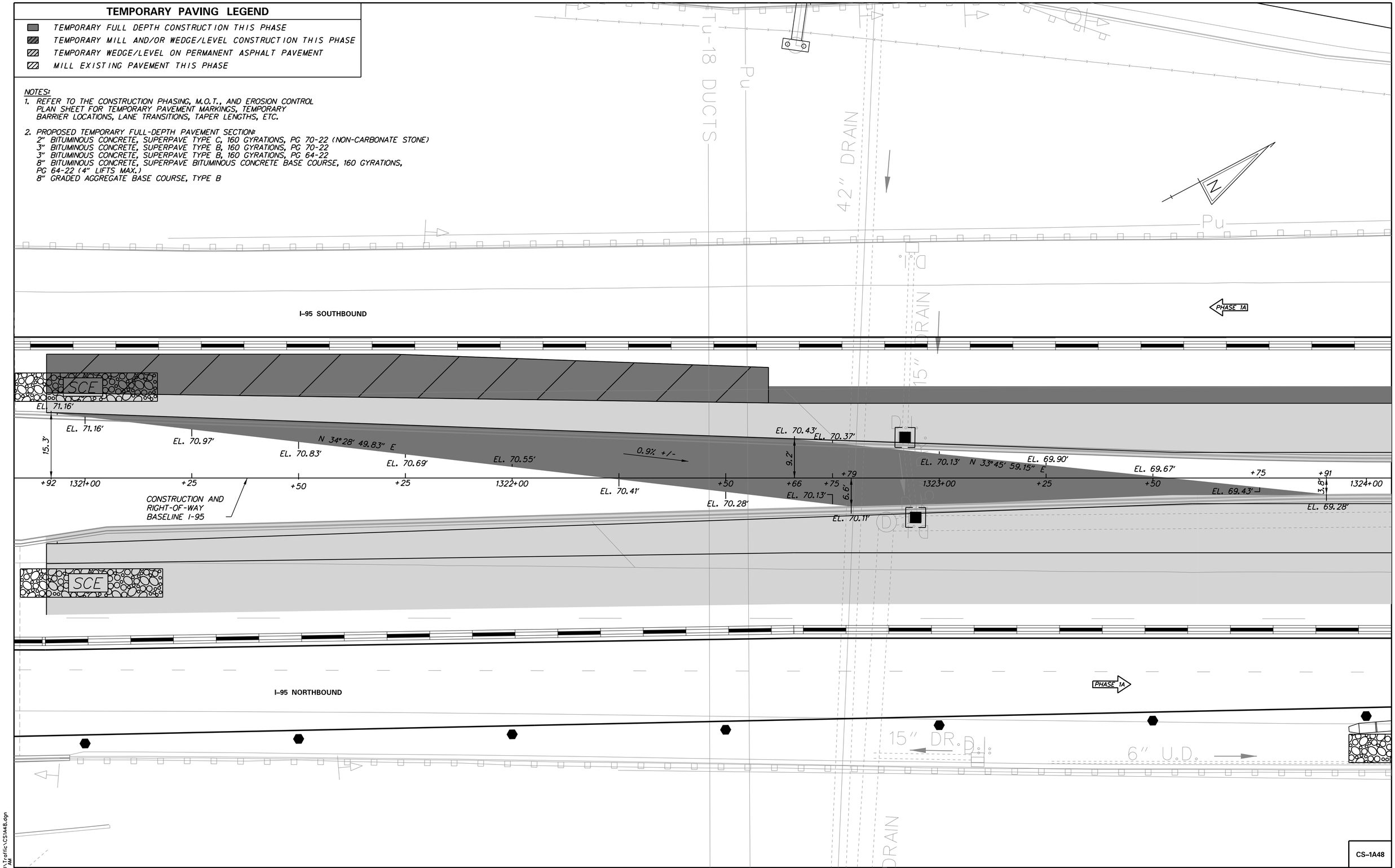
TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.

2. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B

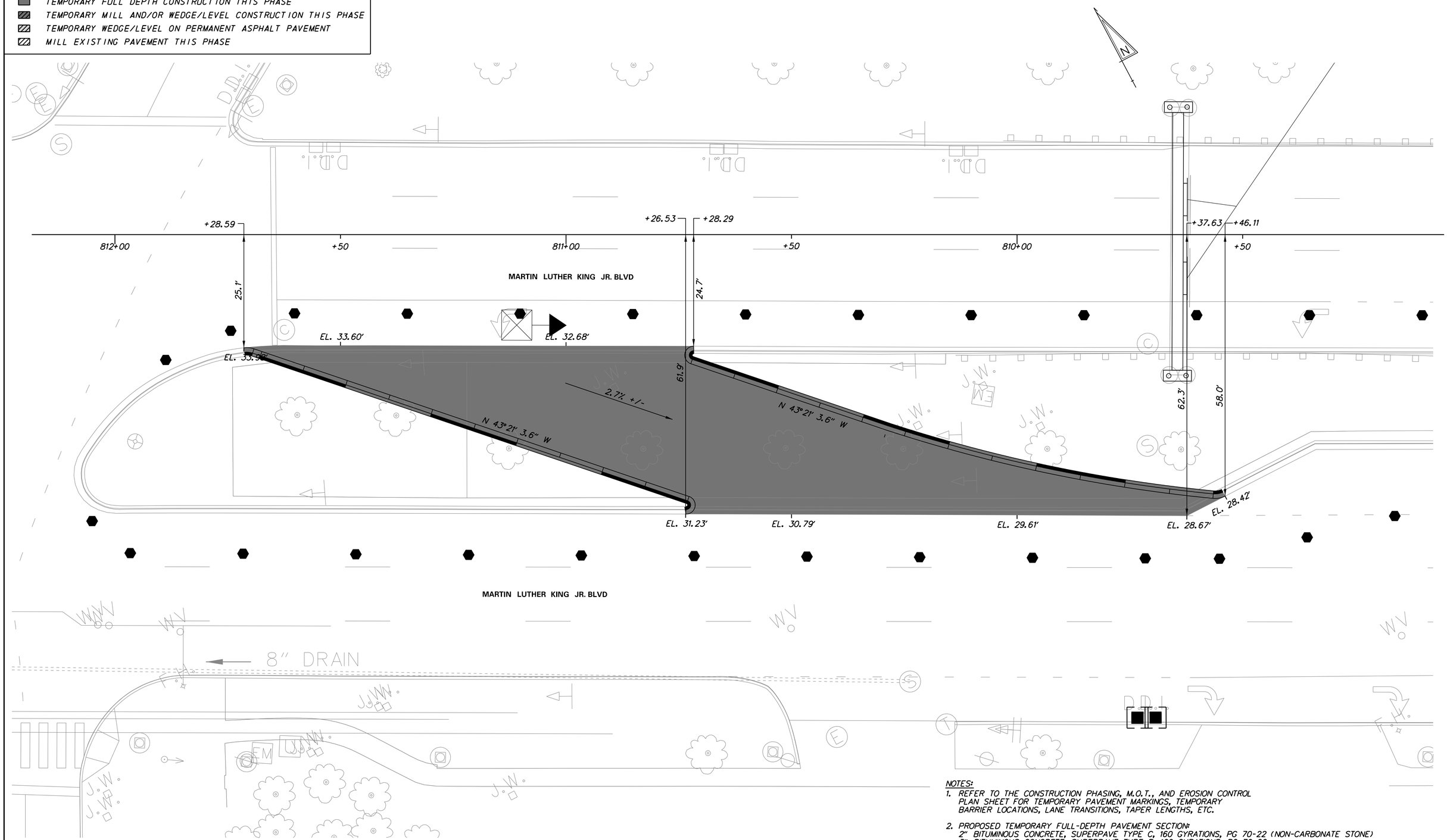


N:\31987-004\CADD\Traffic\CS1A48.dgn
2/11/2018 9:12:36 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 10 20 30 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-1A48
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-070
					CHECKED BY: WRA		TOTAL SHTS. 3-420

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE



NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.

2. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B

N:\31987-004\C4D\Traffic\CS1A49.dgn
2/11/2018 9:12:57 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 10 20 30 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

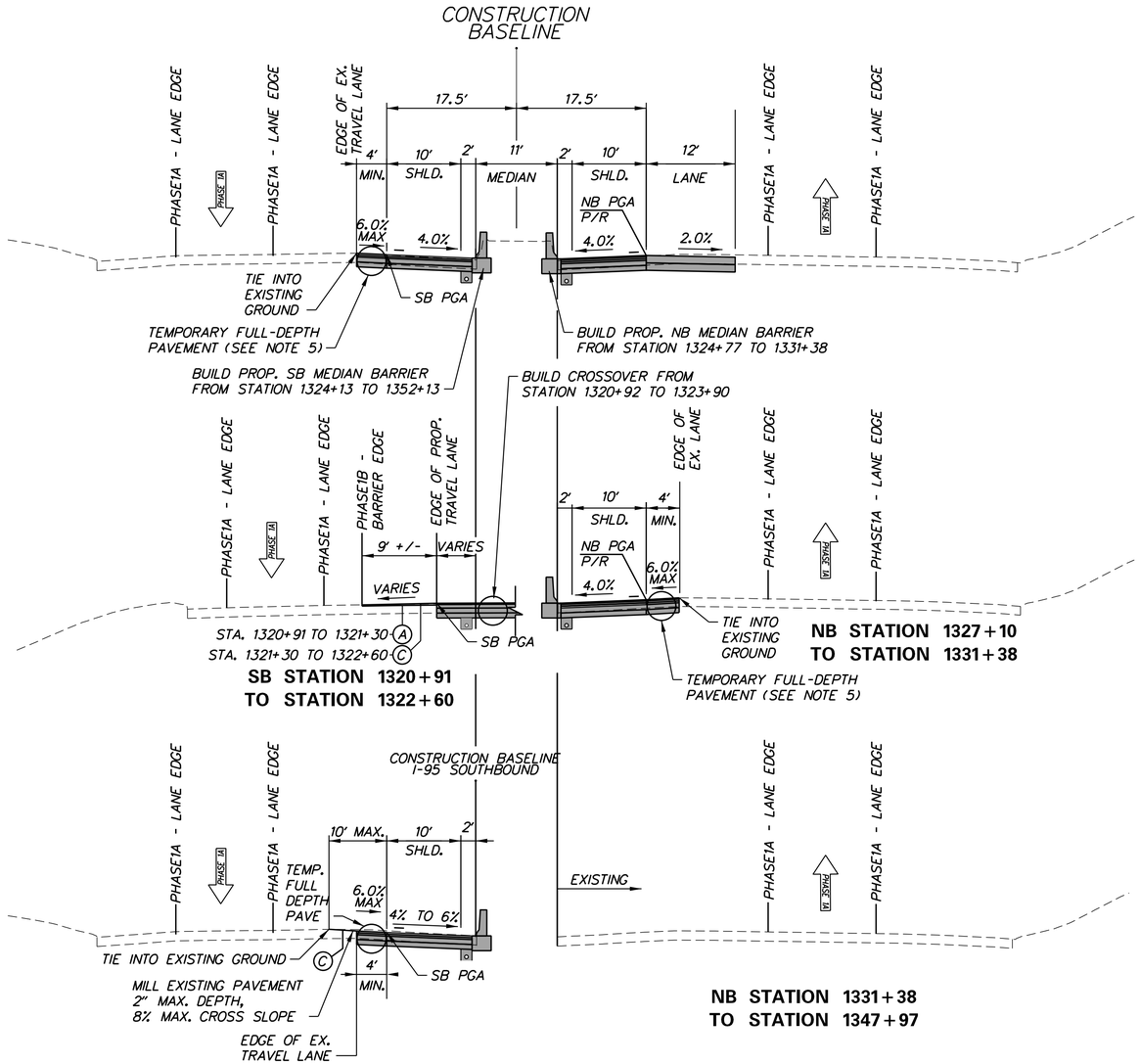
CS-1A49

SHEET NO. 3-071

TOTAL SHTS. 3-420

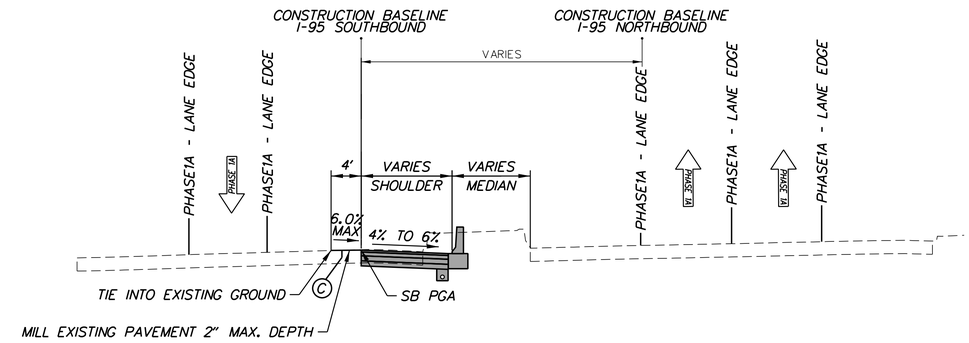
LEGEND

- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



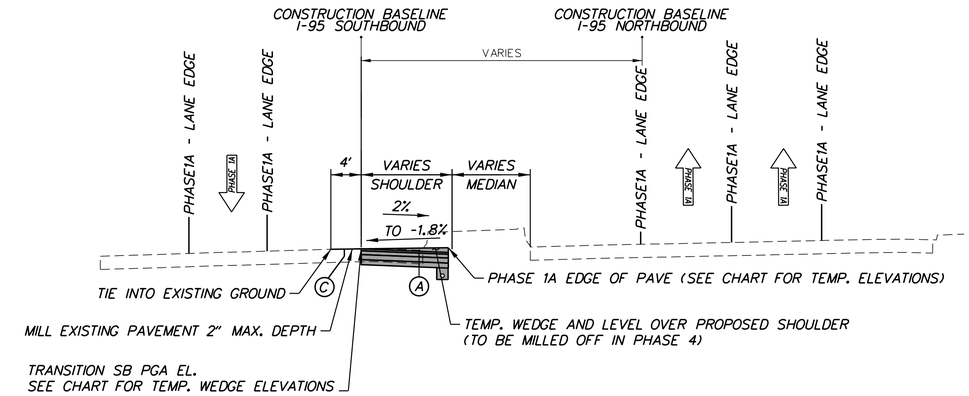
I–95 PHASE 1A

STATION 1320+91 TO NB STATION 1347+97
SB STATION 2343+00 TO STATION 2348+05



I–95 PHASE 1A

NB STATION 1347+97 TO NB STATION 1352+14
SB STATION 2348+05 TO SB STATION 2352+20



I–95 PHASE 1A

NB STATION 1352+14 TO NB STATION 1353+24
SB STATION 2352+20 TO SB STATION 2353+28

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

TEMPORARY WEDGE ELEVATIONS

STATION	SB PGA EL.	EDGE OF PAVE EL. /OFFSET
2352+20.00	89.21'	89.06' / 10.66' RT
2352+25.00	89.27'	89.08' / 10.65' RT
2352+50.00	89.56'	89.49' / 10.62' RT
2352+75.00	89.86'	89.90' / 10.57' RT
2353+00.00	90.19'	90.30' / 10.52' RT
2353+25.00	90.59'	90.71' / 10.45' RT

CS–1A50

N:\31987-004\CADD\Traffic\CS1A50_TS.dgn
2/17/2016 9:12:38 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

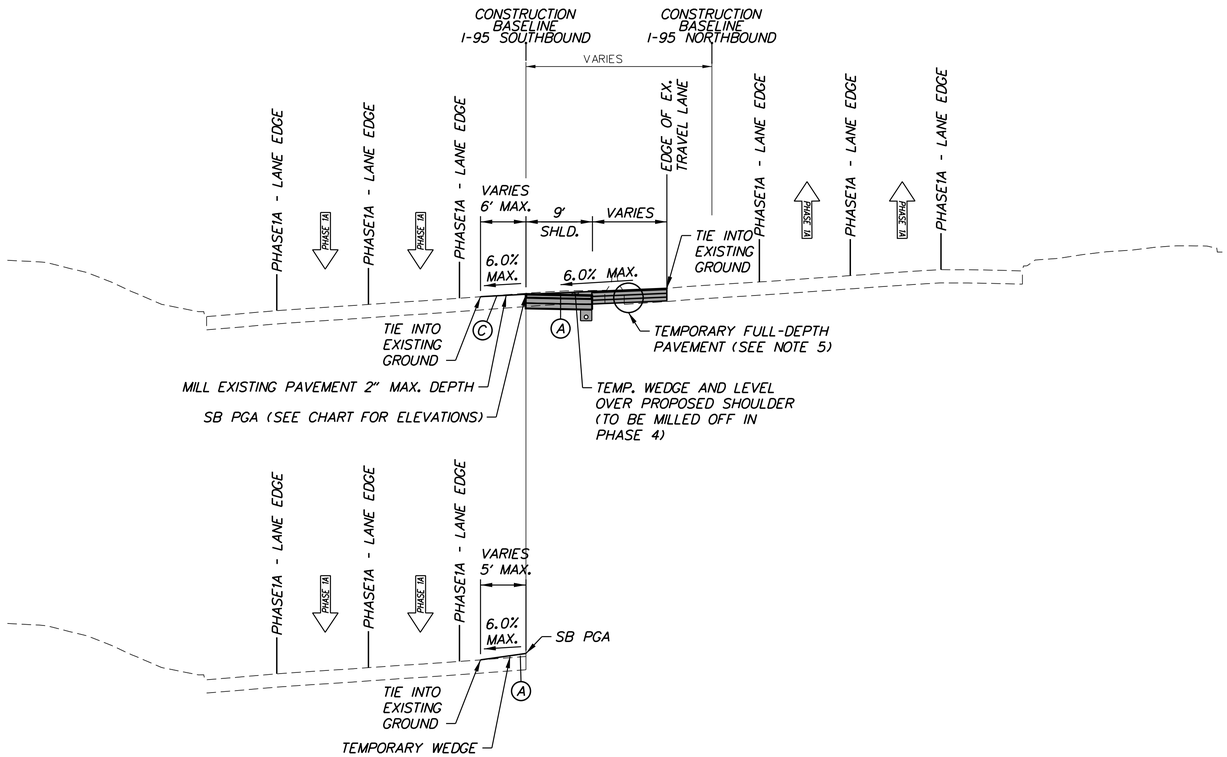
CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: WRA	
COUNTY		
NEW CASTLE	CHECKED BY: WRA	

M.O.T. TYPICAL SECTIONS

SHEET NO. 3-072
TOTAL SHTS. 3-420

LEGEND

- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



SB STATION 2356+00
TO STATION 2357+26

I-95 PHASE 1A

NB STATION 1353+24 TO NB STATION 1360+97
SB STATION 2353+28 TO SB STATION 2360+93

TEMPORARY WEDGE ELEVATIONS

STATION	SB PGA EL.	HEIGHT ABOVE PROPOSED GRADE
2353+50.00	90.91	2"
2353+75.00	91.20	2"
2354+00.00	91.48	2"
2354+25.00	91.79	2"
2354+50.00	91.91	1"
2354+75.00	92.21	0.5"
2355+00.00	92.50	0"
2355+25.00	92.80	0"
2355+50.00	93.09	0"
2355+75.00	93.38	0"
2356+00.00	93.68	0"
2356+25.00	93.97	0"
2356+50.00	94.27	0"
2356+75.00	94.56	0"
2357+00.00	94.85	0"
2357+25.00	95.15	0"
2357+50.00	95.44	0"
2357+75.00	95.73	0"
2358+00.00	96.03	0"
2358+25.00	96.32	0"
2358+50.00	96.62	0"
2358+75.00	96.91	0"
2359+00.00	97.20	0"
2359+25.00	97.56	0"
2359+50.00	97.79	0"
2359+75.00	98.09	0"
2360+00.00	98.39	0"
2360+25.00	98.67	0"
2360+50.00	99.00	0.5"
2360+75.00	99.35	1"

NOTES:

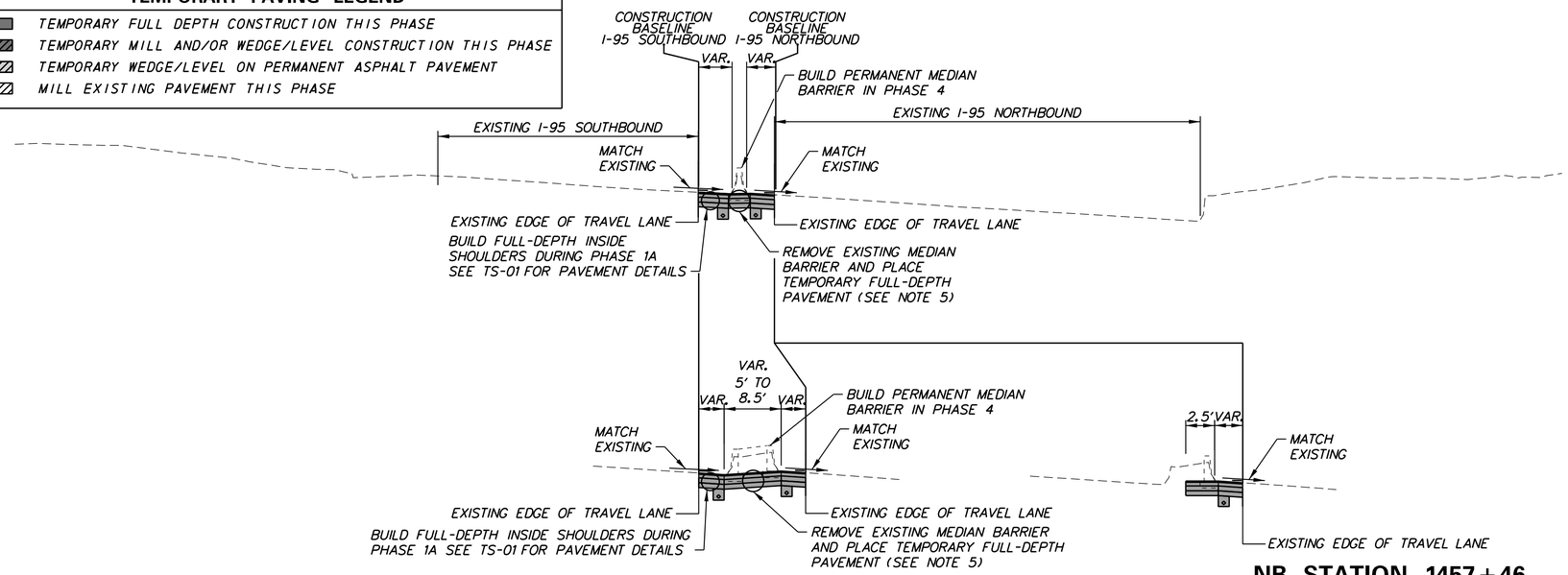
1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

N:\31987-004\CADD\Traffic\CS1A51_TS.dgn
2/11/2018 9:12:59 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	M.O.T. TYPICAL SECTIONS	CS-1A51 SHEET NO. 3-073
				COUNTY NEW CASTLE	DESIGNED BY: WRA		TOTAL SHTS. 3-420
					CHECKED BY: WRA		

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE



SB STATION 2455+00
TO STATION 2457+50

NB STATION 1454+98
TO STATION 1457+46

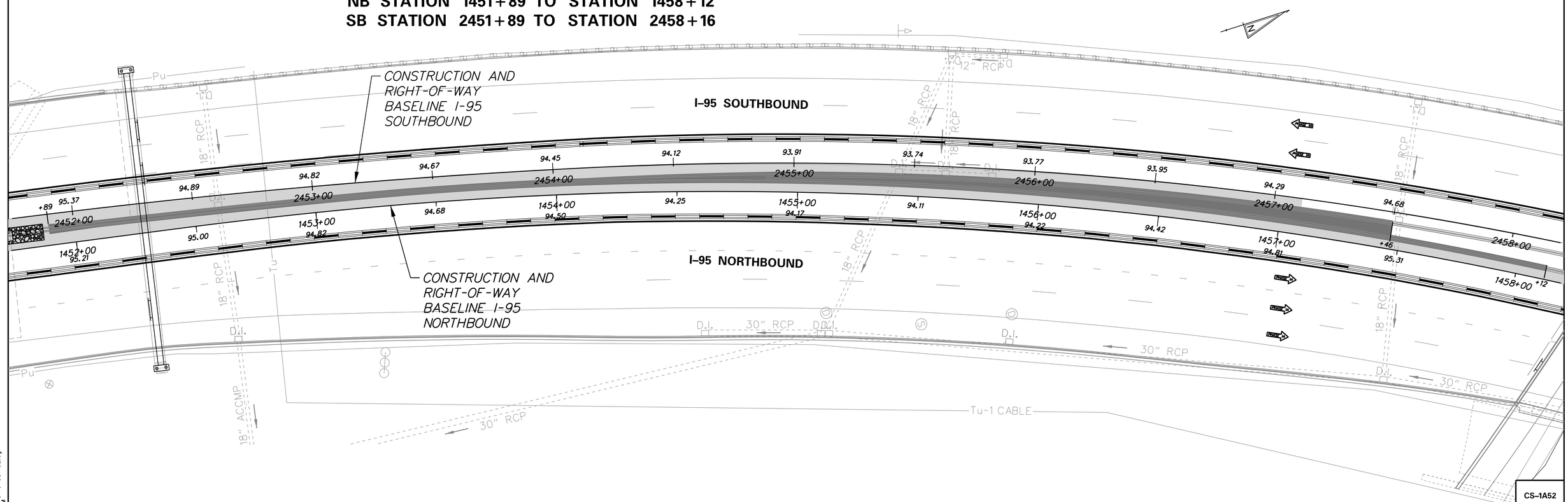
NB STATION 1457+46
TO STATION 1458+12

I-95 PHASE 1A

NB STATION 1451+89 TO STATION 1458+12
SB STATION 2451+89 TO STATION 2458+16

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 20 40 60 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-1A52
SHEET NO. 3-074
TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1A52.dgn
2/17/2018 9:12:42 AM

CONSTRUCTION PHASING LEGEND

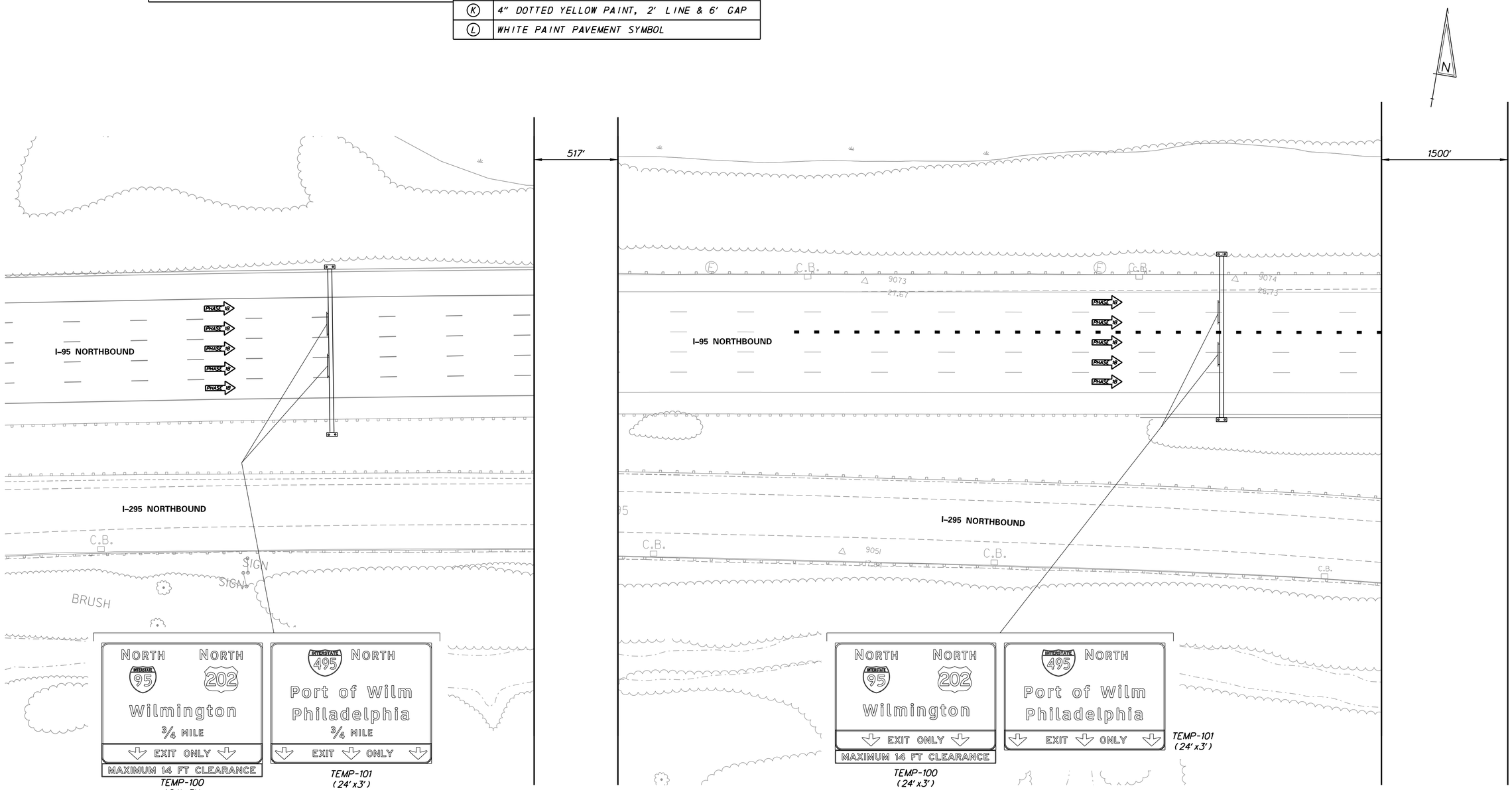
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.



N:\31987-004\CADD\Traffic\CS1B01.dgn
2/11/2018 9:12:44 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

CS-1B01
SHEET NO.
3-075
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

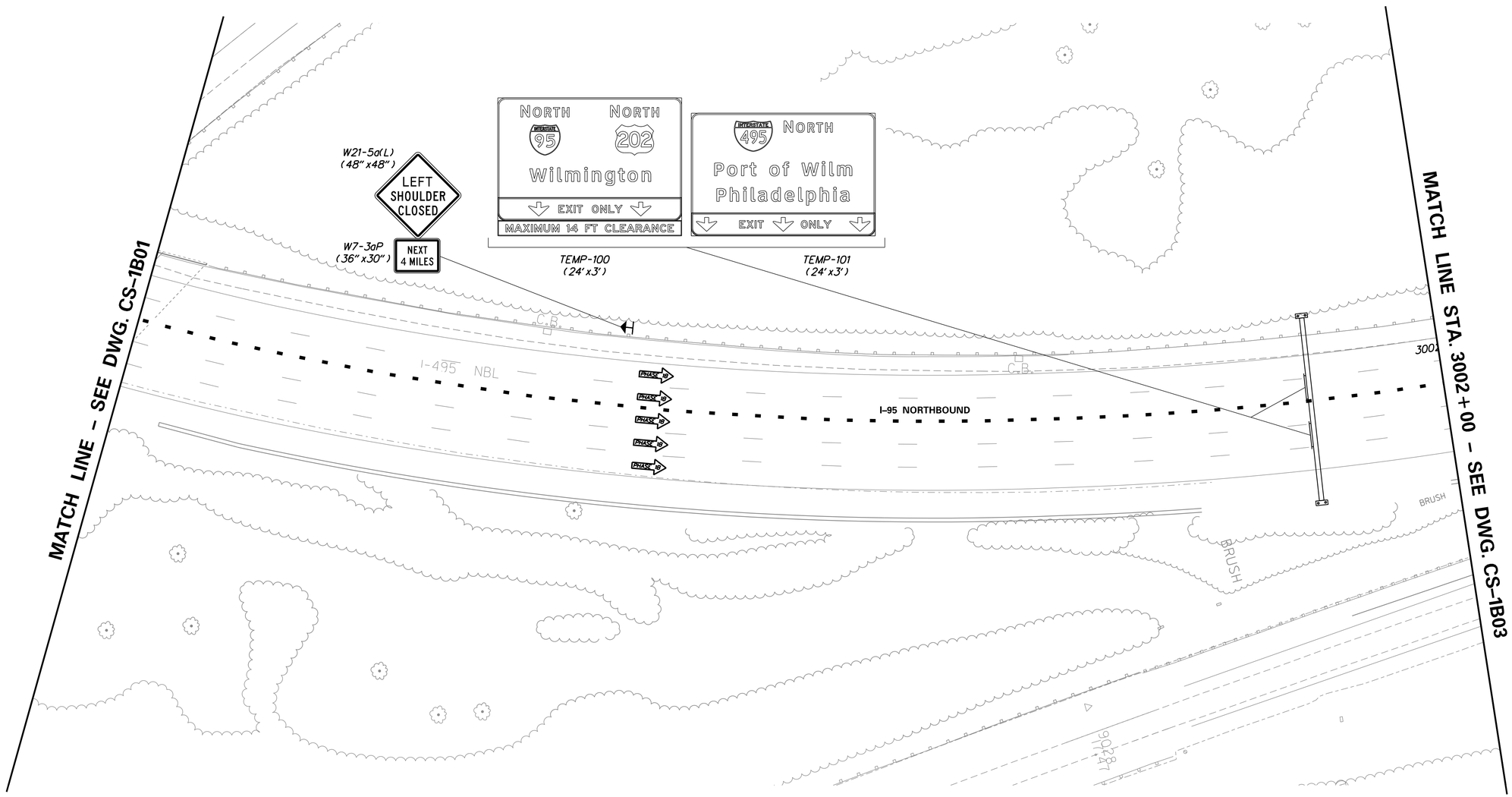
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.



N:\31987-004\CADD\Traffic\CS1B02.dgn
2/11/2016 9:12:45 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

CS-1B02
SHEET NO.
3-076
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

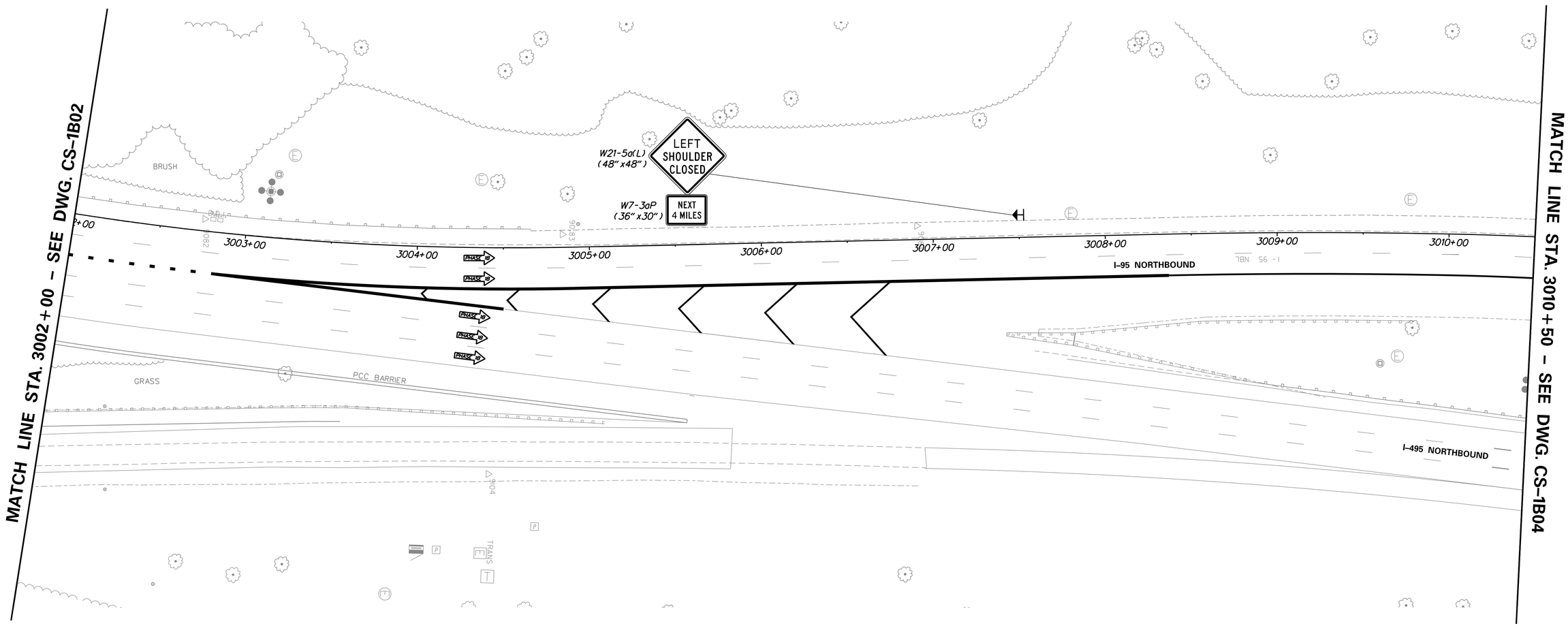
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B	CS-1B03
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-077
					CHECKED BY: WRA		TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1B03.dgn
2/11/2016 9:12:47 AM

CONSTRUCTION PHASING LEGEND

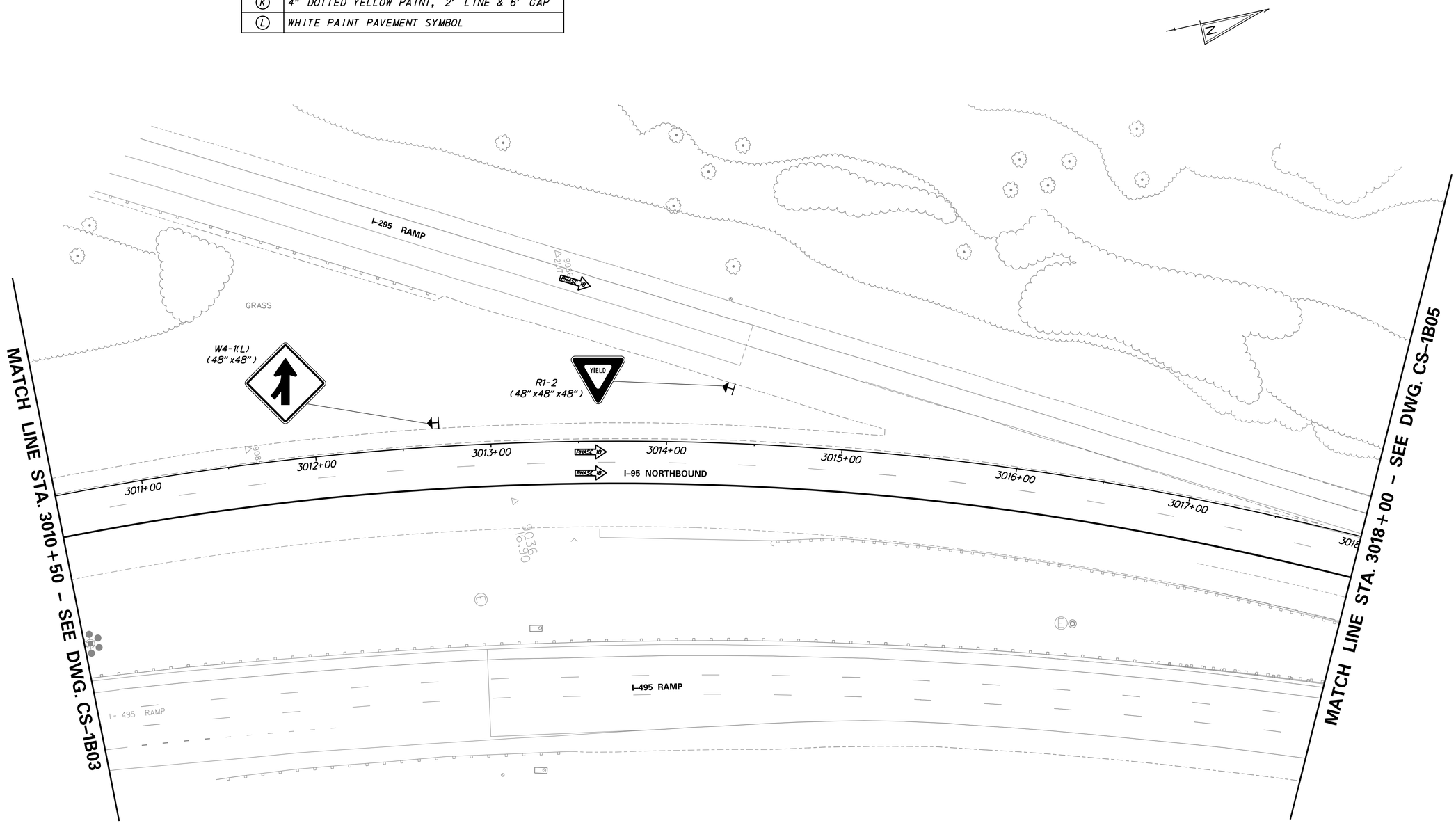
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B	CS-1B04 / SHEET NO. 3-078 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1B04.dgn
2/11/2016 9:12:48 AM

CONSTRUCTION PHASING LEGEND

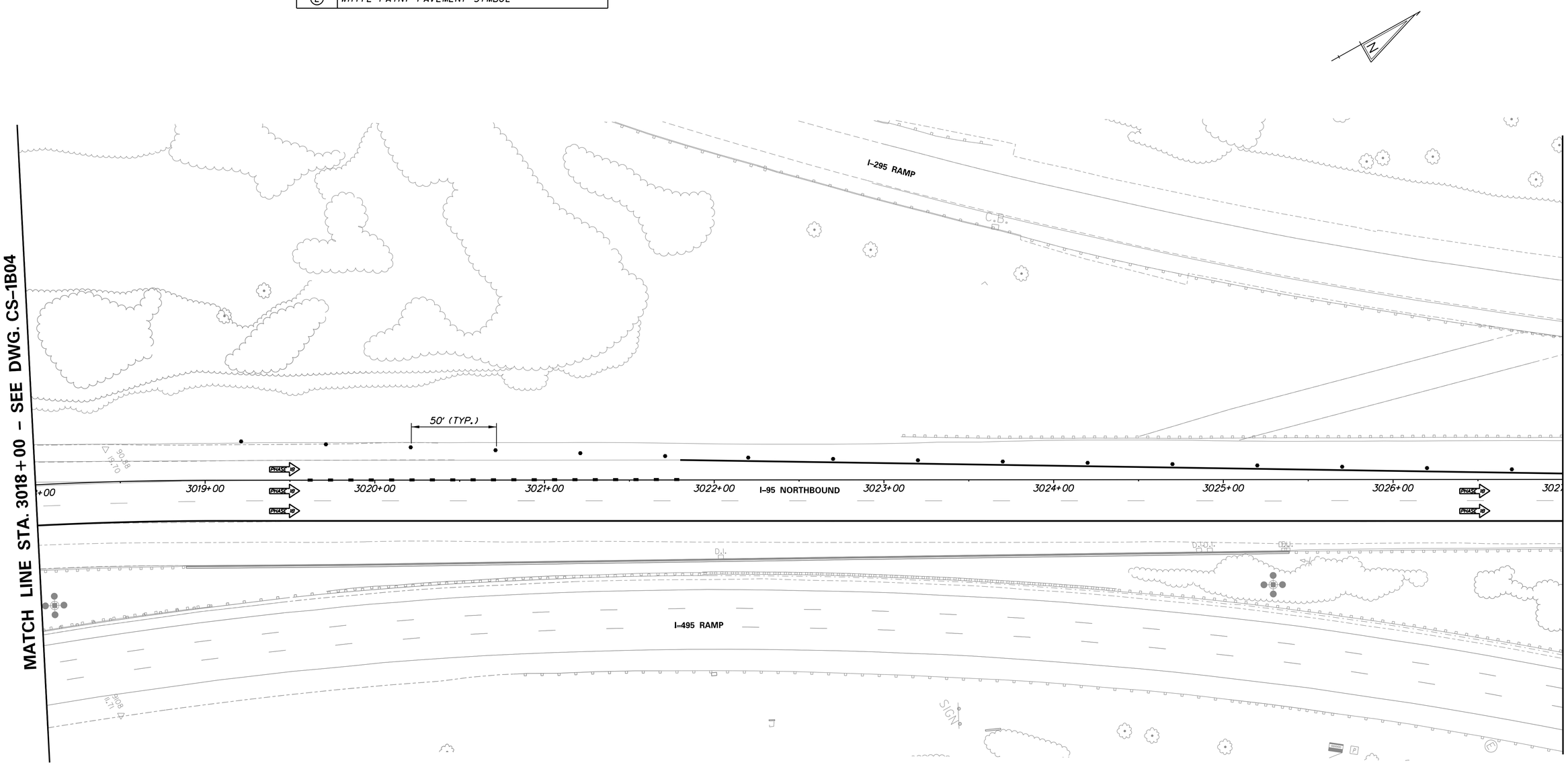
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.



N:\31987-004\CADD\Traffic\CS1B05.dgn
2/11/2018 9:12:49 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B05

SHEET NO. 3-079

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

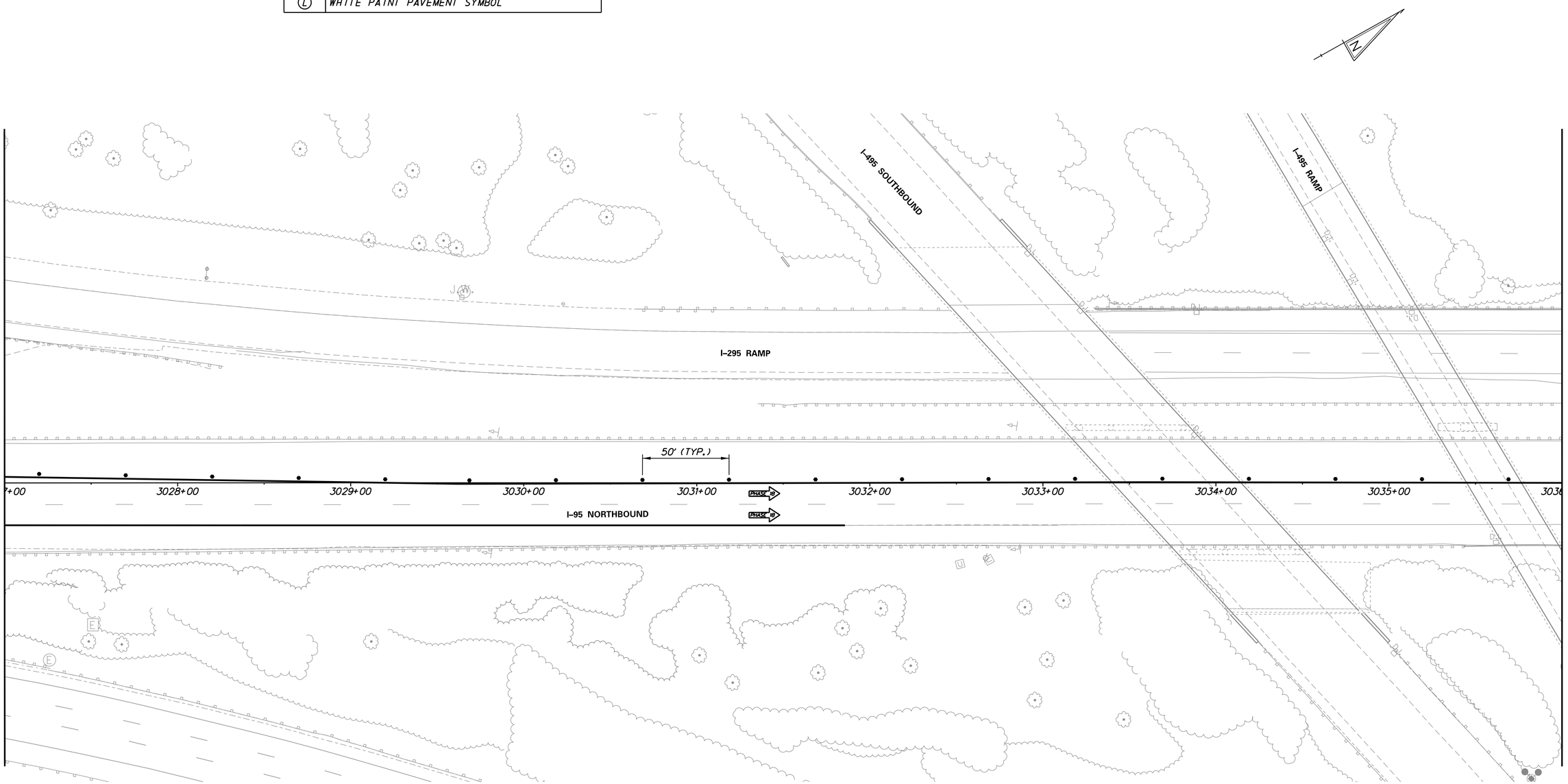
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.



N:\31987-094\C4D\Traffic\CS1B06.dgn
2/11/2016 9:12:50 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B06

SHEET NO. 3-080

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

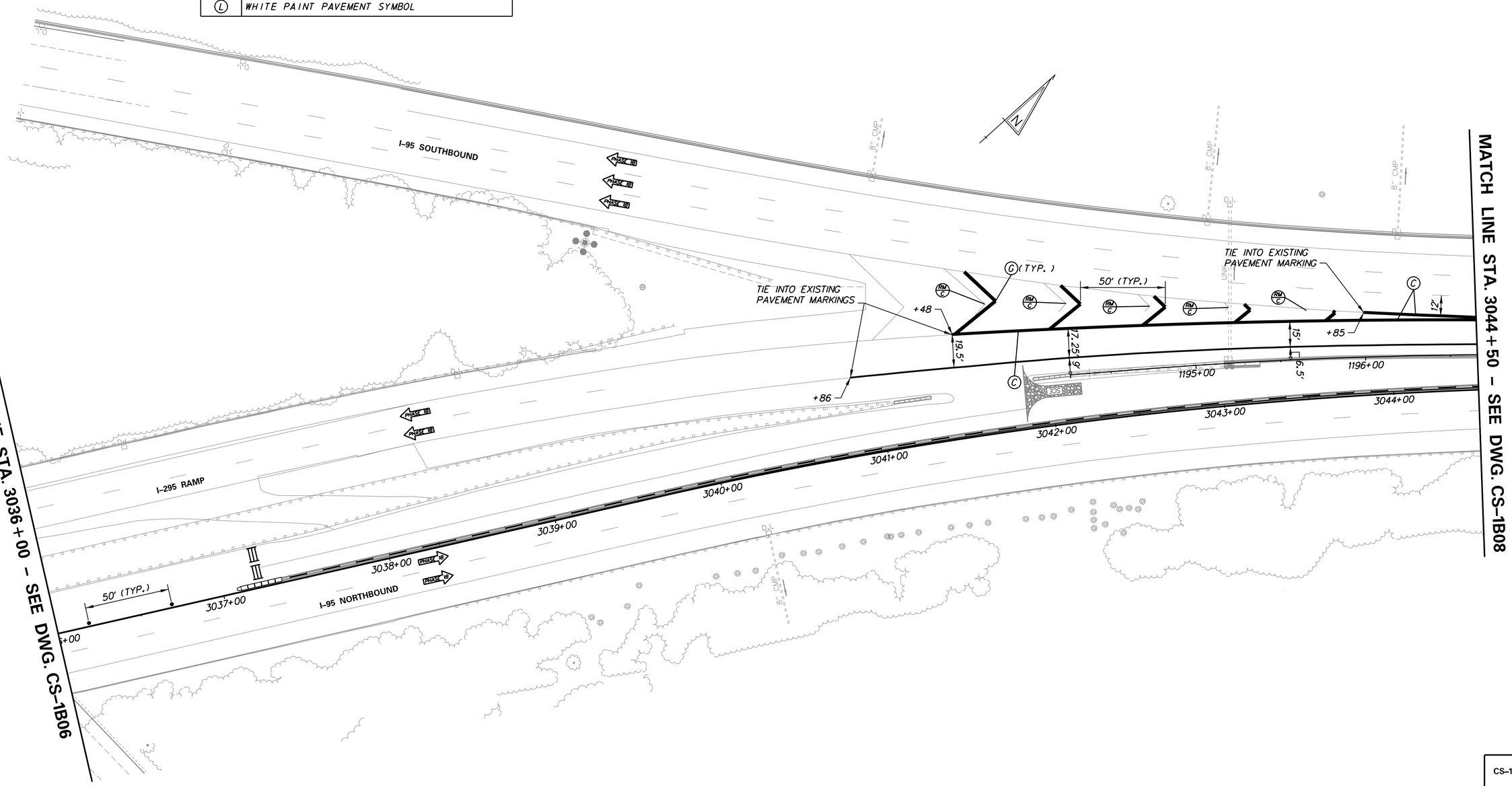
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B07

SHEET NO. 3-081

TOTAL SHTS. 3-420

N:\31987-004\C400\Traffic\CS1B07.dgn
2/10/2016 9:32:52 AM

CONSTRUCTION PHASING LEGEND

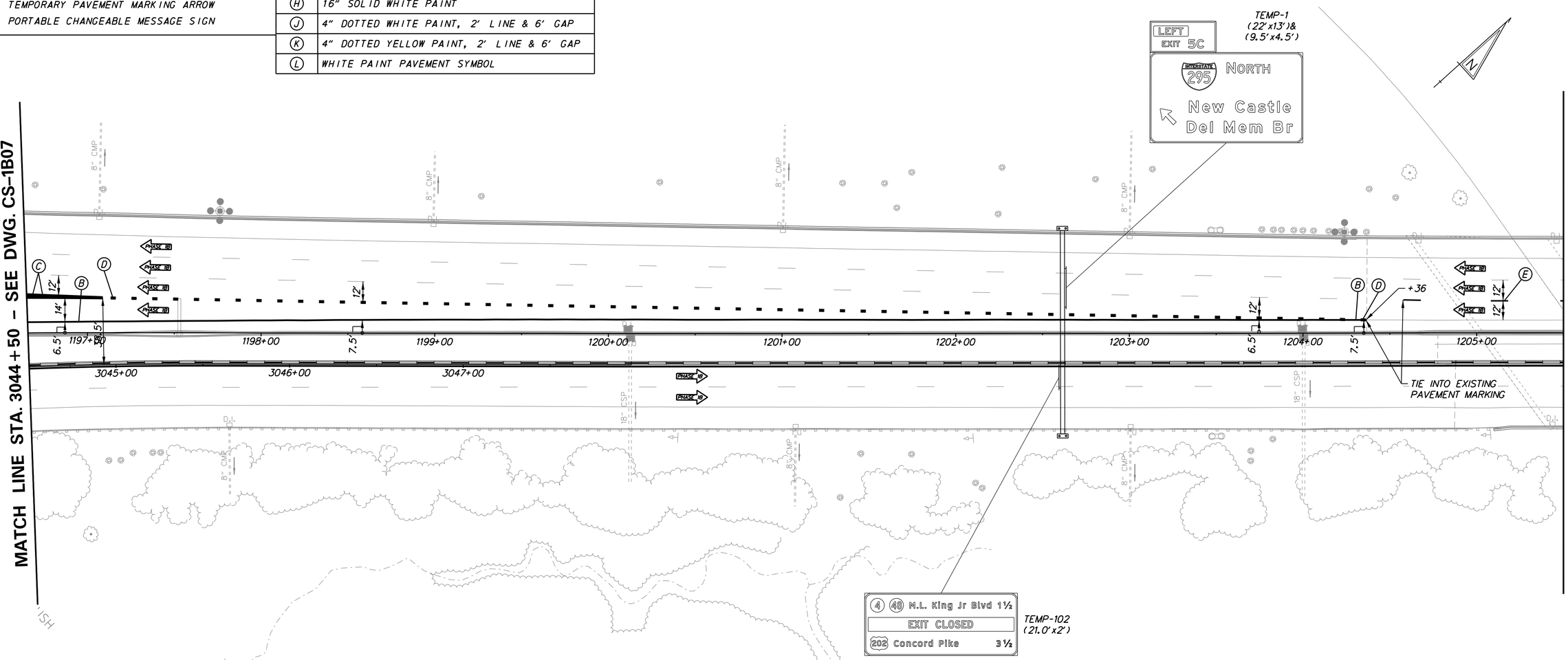
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS1B08.dgn
2/11/2016 9:12:53 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B	CS-1B08
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-082
					CHECKED BY: WRA		TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

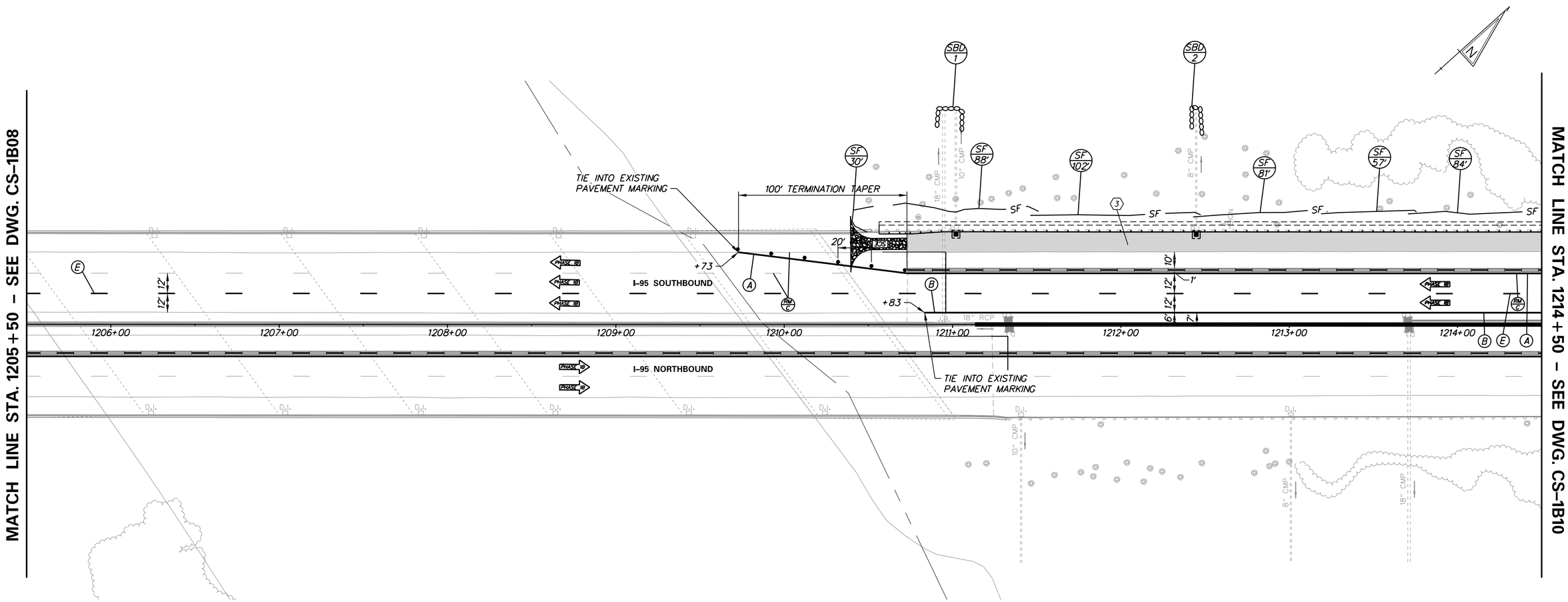
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1210+97	129' LT.	38'
2	1212+44	129' LT.	33'



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B09

SHEET NO. 3-083

TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1B09.dgn
2/11/2018 9:12:55 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

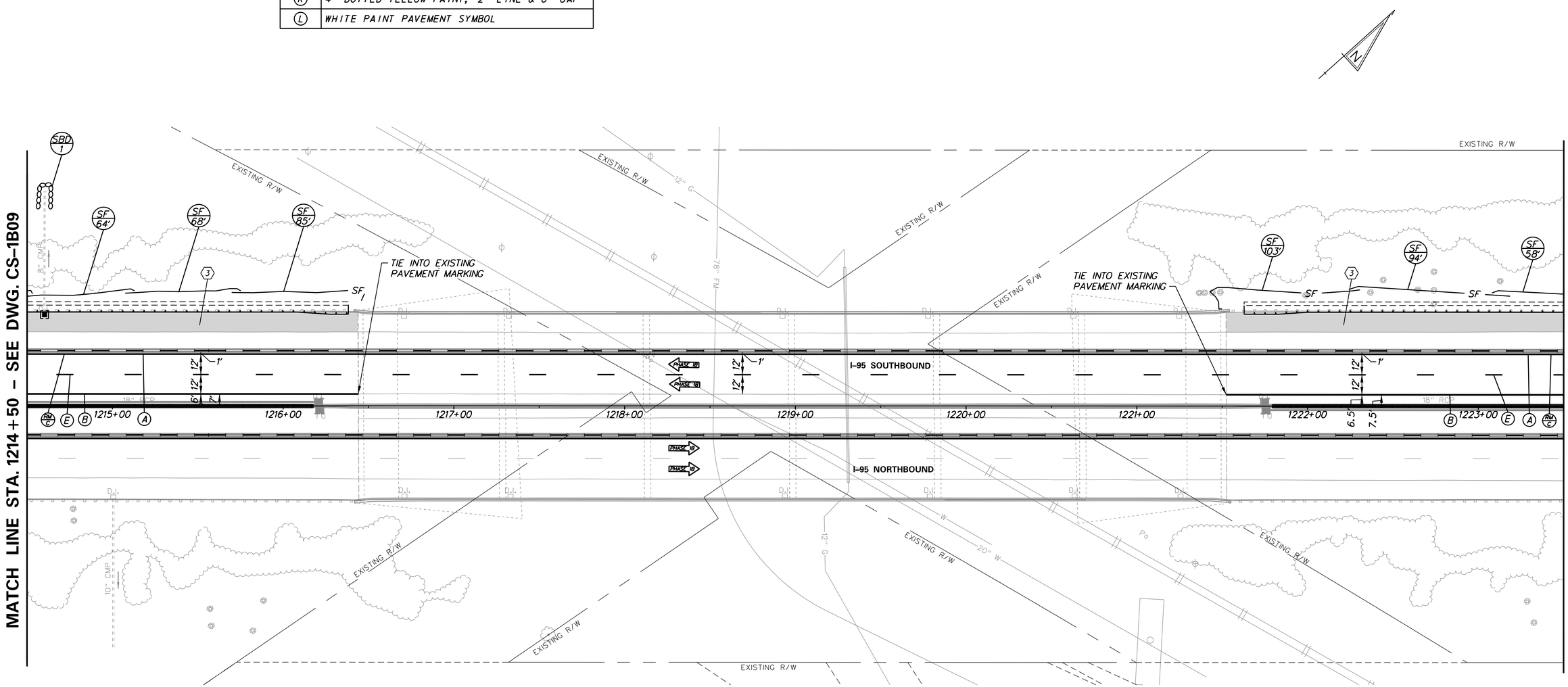
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1214+60	129' LT.	34'



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B	CS–1B10 / SHEET NO. 3-084 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1B10.dgn
2/11/2016 9:12:56 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

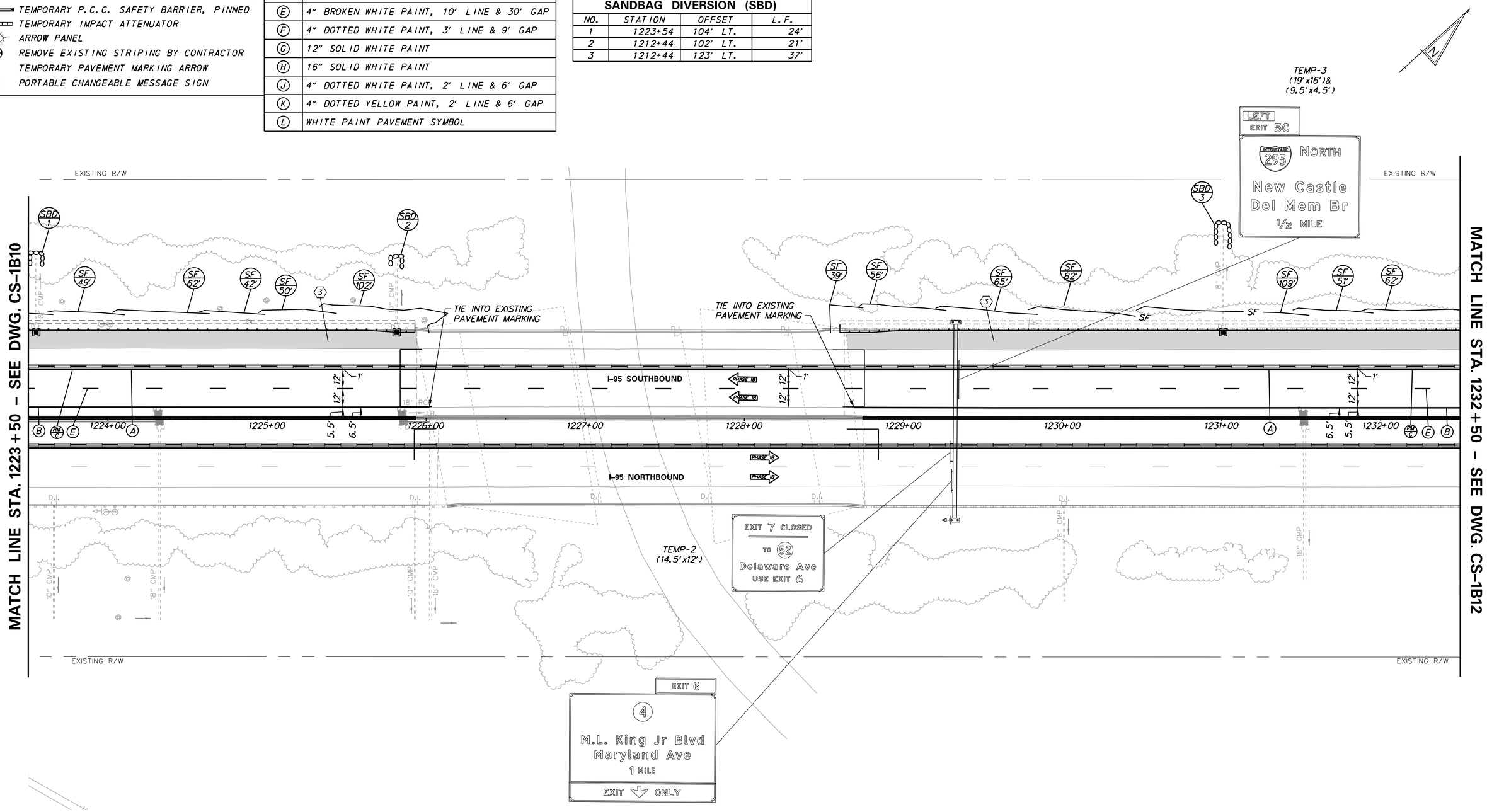
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1223+54	104' LT.	24'
2	1212+44	102' LT.	21'
3	1212+44	123' LT.	37'



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B	CS–1B11 / SHEET NO. 3-085 / TOTAL SHTS. 3-420

N:\31987-004\C400\Traffic\CS1B11.dgn
2/17/2016 9:12:57 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

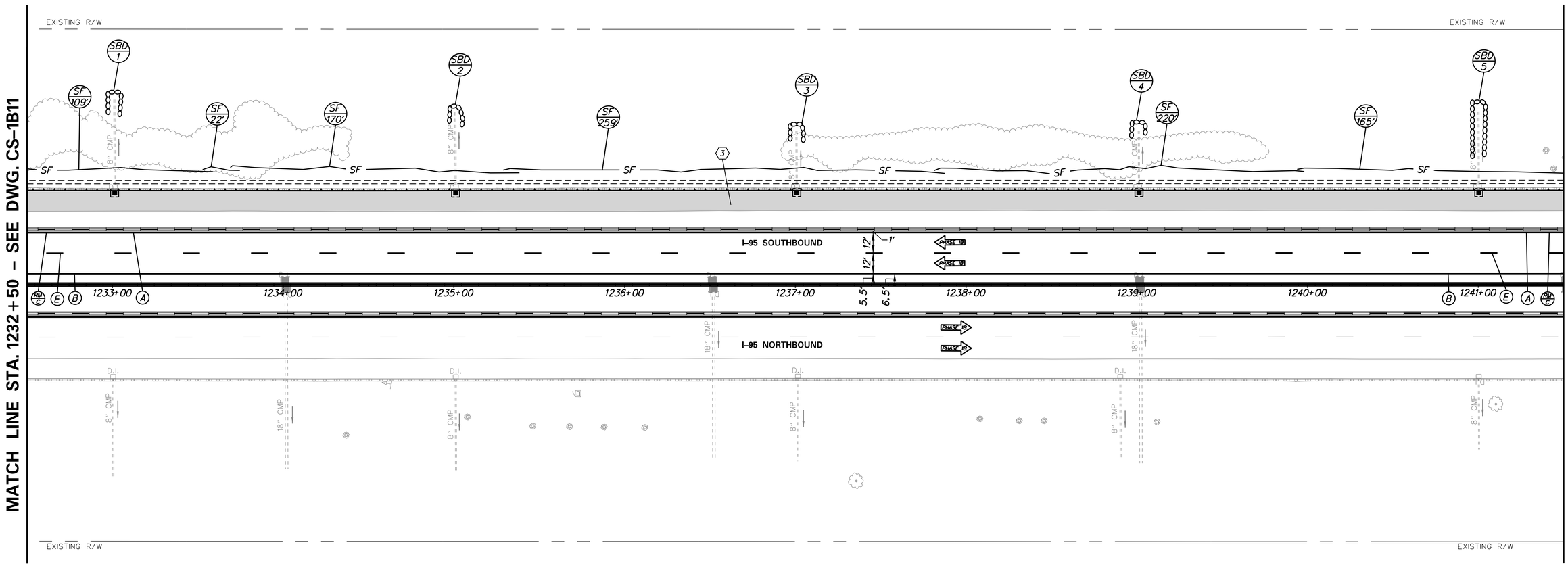
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1233+00	113' LT.	35
2	1235+00	104' LT.	28
3	1237+01	94' LT.	28
4	1239+01	95' LT.	26
5	1241+00	107' LT.	72



N:\31987-004\CADD\Traffic\CS1B12.dgn
2/17/2016 9:12:58 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

CS-1B12
SHEET NO.
3-086
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

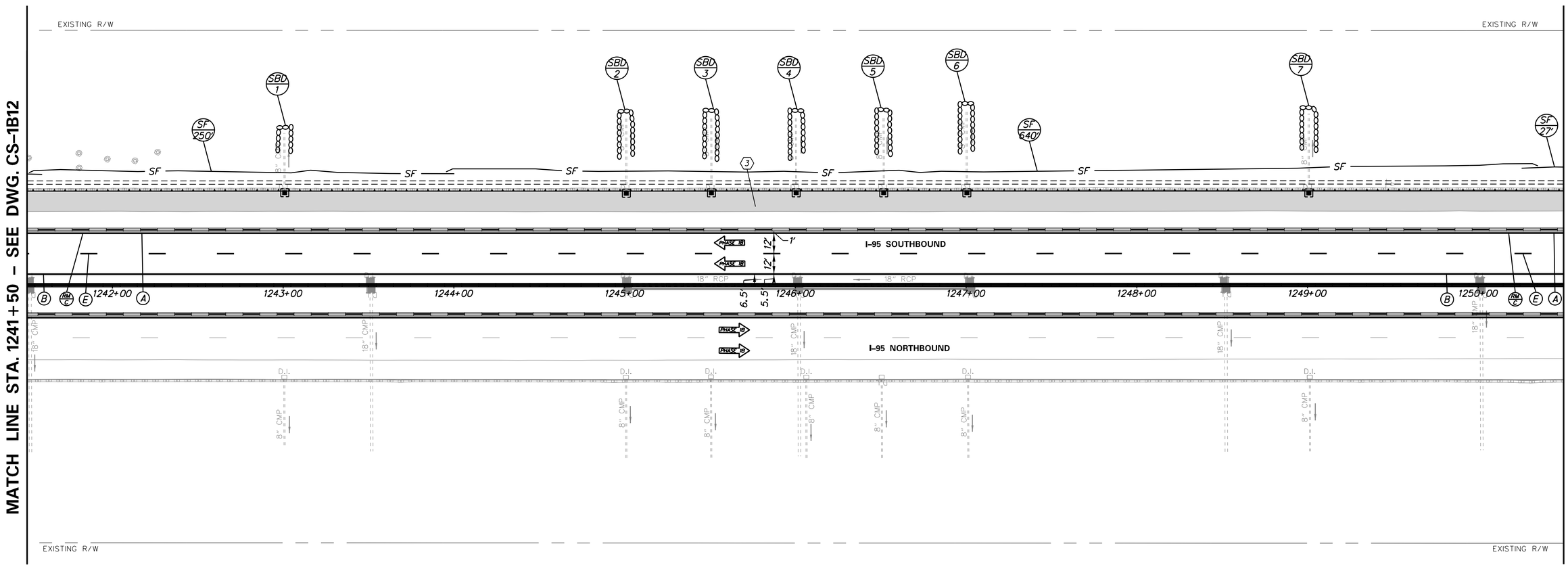
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1243+00	93' LT.	38
2	1245+00	102' LT.	63
3	1245+52	102' LT.	63
4	1246+00	102' LT.	63
5	1246+52	102' LT.	60
6	1247+02	102' LT.	65
7	1249+01	104' LT.	57



N:\31987-004\CADD\Traffic\CS1B13.dgn
2/11/2016 9:13:00 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

CS-1B13
SHEET NO.
3-087
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

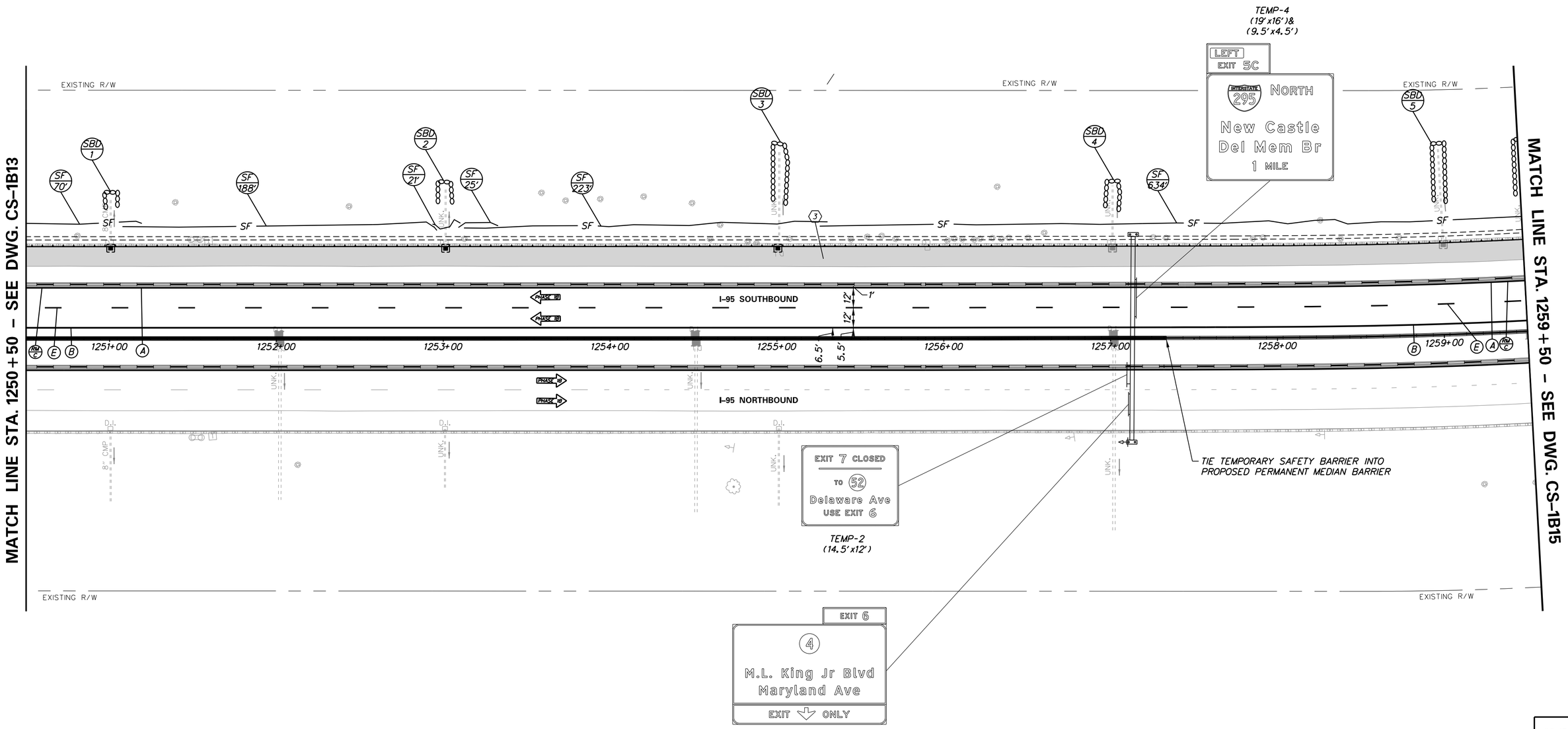
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1251+00	86' LT.	28
2	1253+00	94' LT.	36
3	1255+01	116' LT.	78
4	1258+00	94' LT.	40
5	1259+00	117' LT.	79



N:\31987-004\CADD\Traffic\CS1B14.dgn
2/11/2018 9:13:01 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B14
SHEET NO.
3-088
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

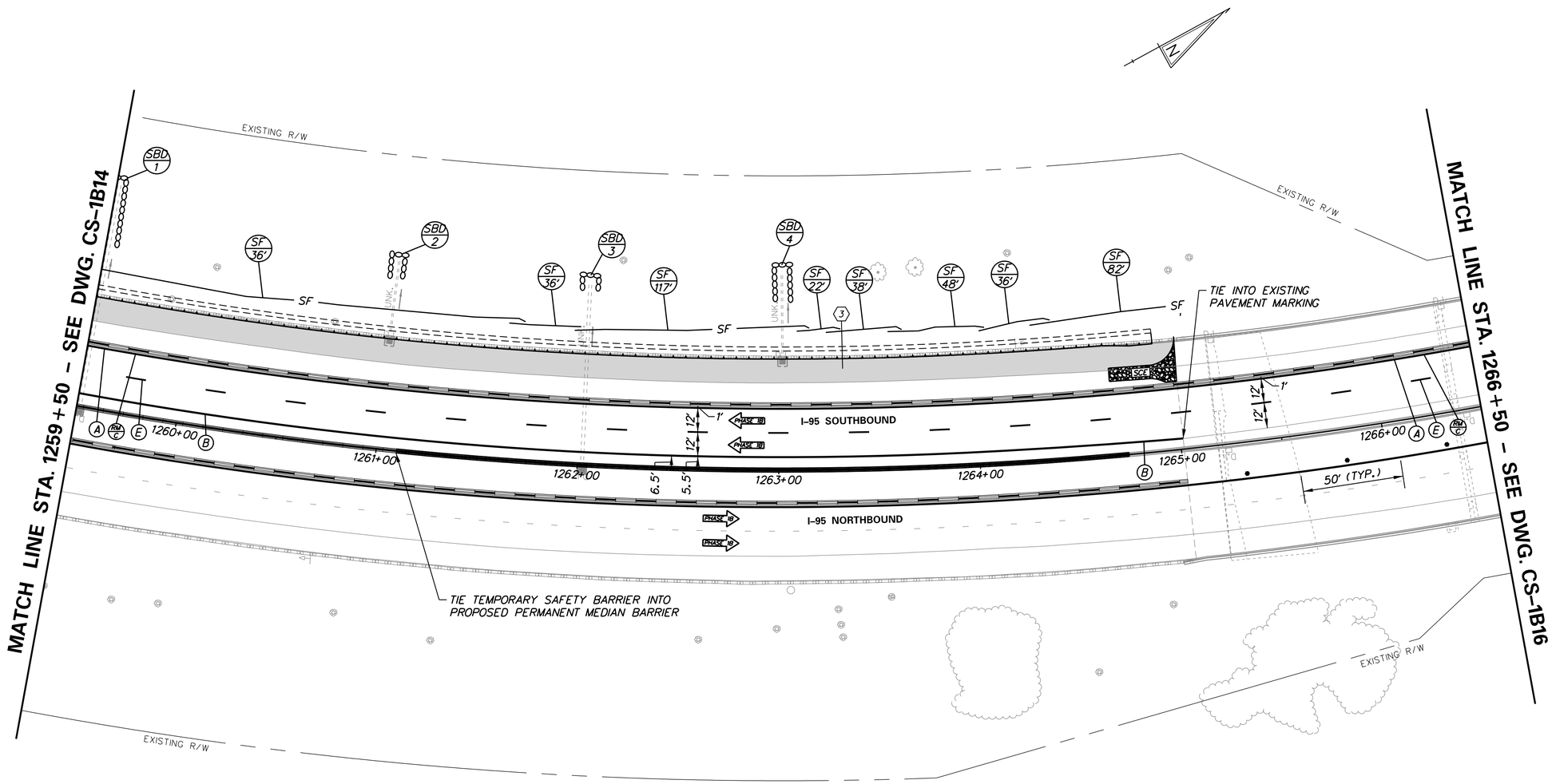
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1259+51	116' LT.	75
2	1261+00	96' LT.	31
3	1262+00	94' LT.	25
4	1263+00	102' LT.	44



N:\31987-004\C400\Traffic\CS1B15.dgn
2/17/2018 9:13:02 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

CS-1B15
SHEET NO.
3-089
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

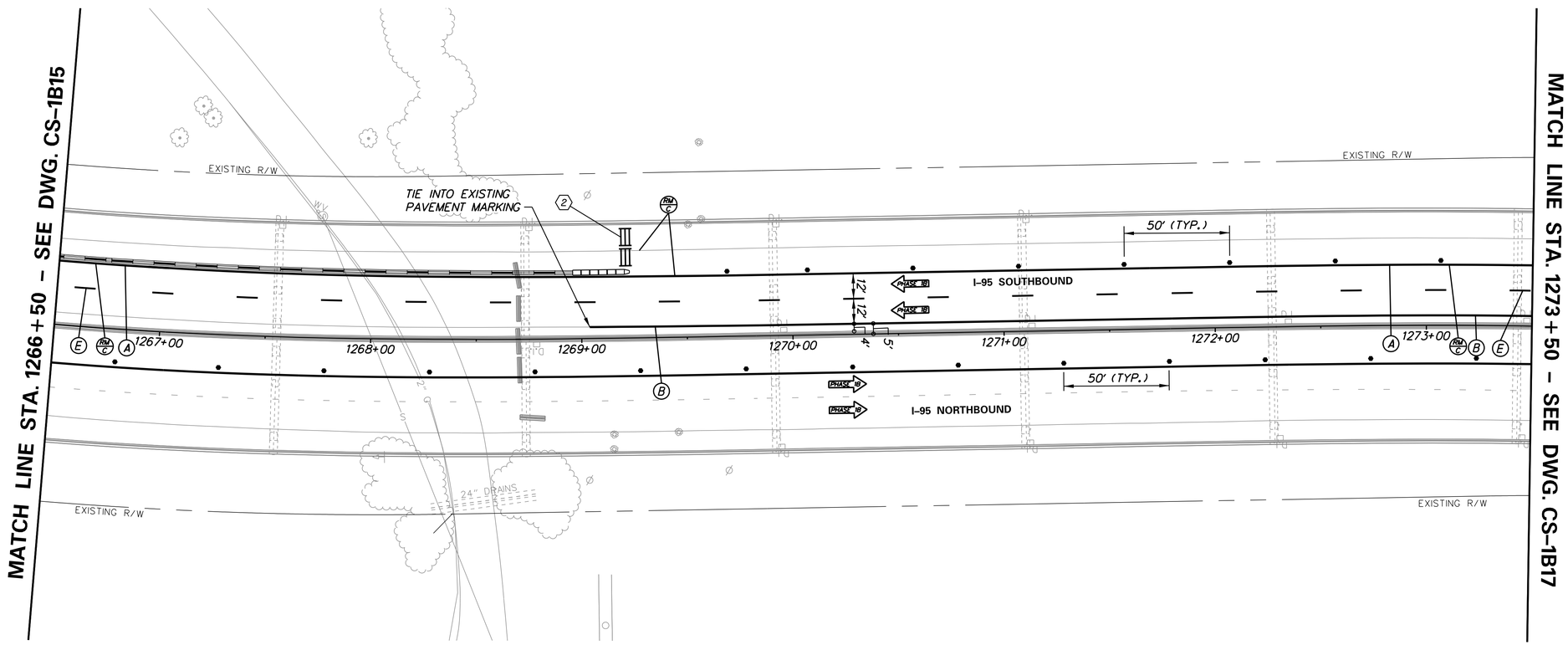
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B	CS-1B16 SHEET NO. 3-090 TOTAL SHTS. 3-420
				COUNTY NEW CASTLE	DESIGNED BY: WRA CHECKED BY: WRA		

N:\31987-004\CADD\Traffic\CS1B16.dgn 2/11/2016 9:13:03 AM

CONSTRUCTION PHASING LEGEND

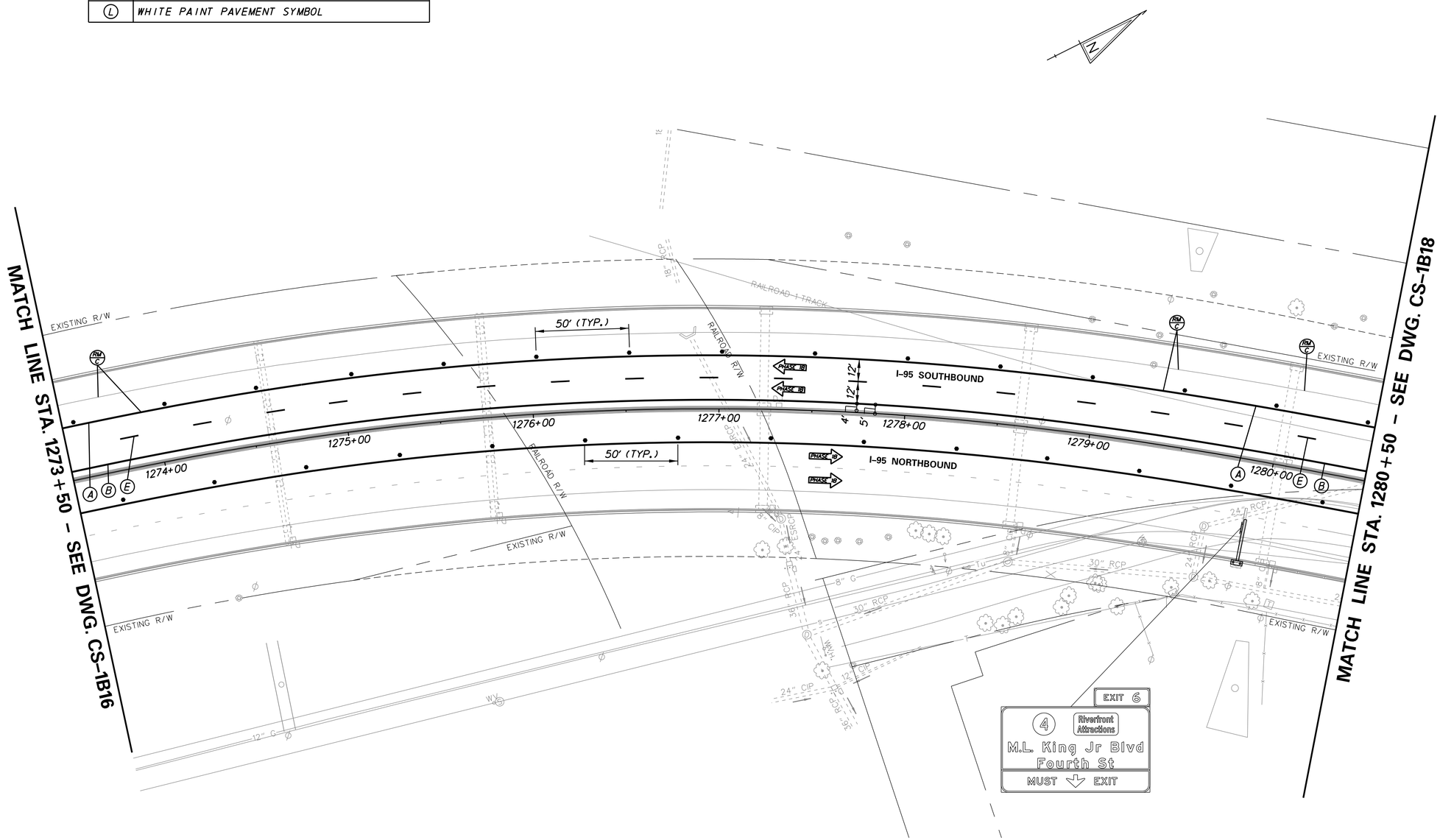
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS1B17.dgn
2/11/2018 9:13:04 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B17

SHEET NO. 3-091

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

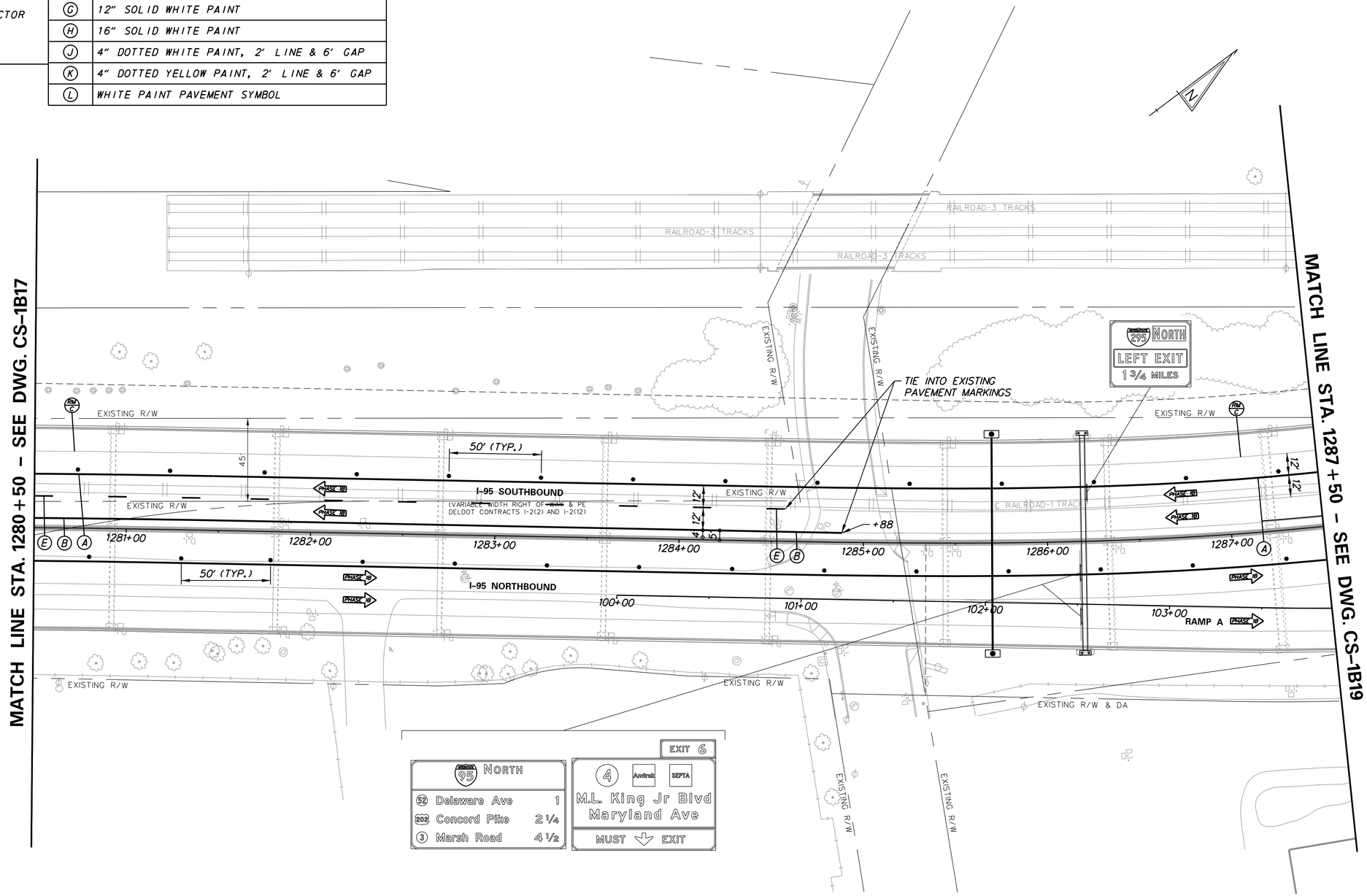
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B18

SECTION	SHEET NO.
WRA	3-092

N:\31987-004\Contract_I-95\CADD\Traffic\CS1B18.dgn
5/21/2019 9:50:02 AM

CONSTRUCTION PHASING LEGEND

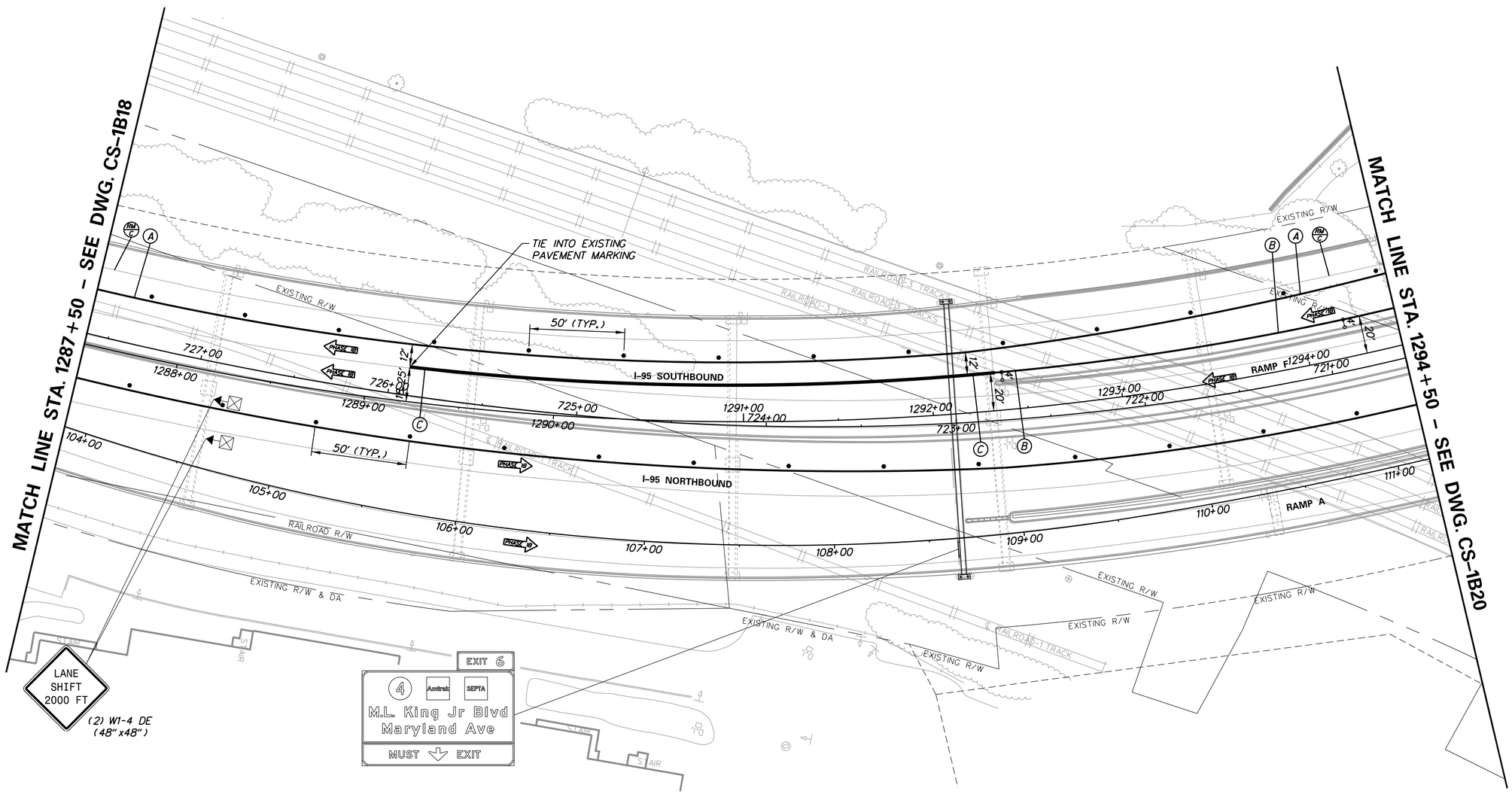
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

CS-1B19
SECTION
WRA
SHEET NO.
3-093

N:\31987-004\Contract_I-95\CADD\Traffic\CS1B19.dgn
5/21/2019 9:50:03 AM

CONSTRUCTION PHASING LEGEND

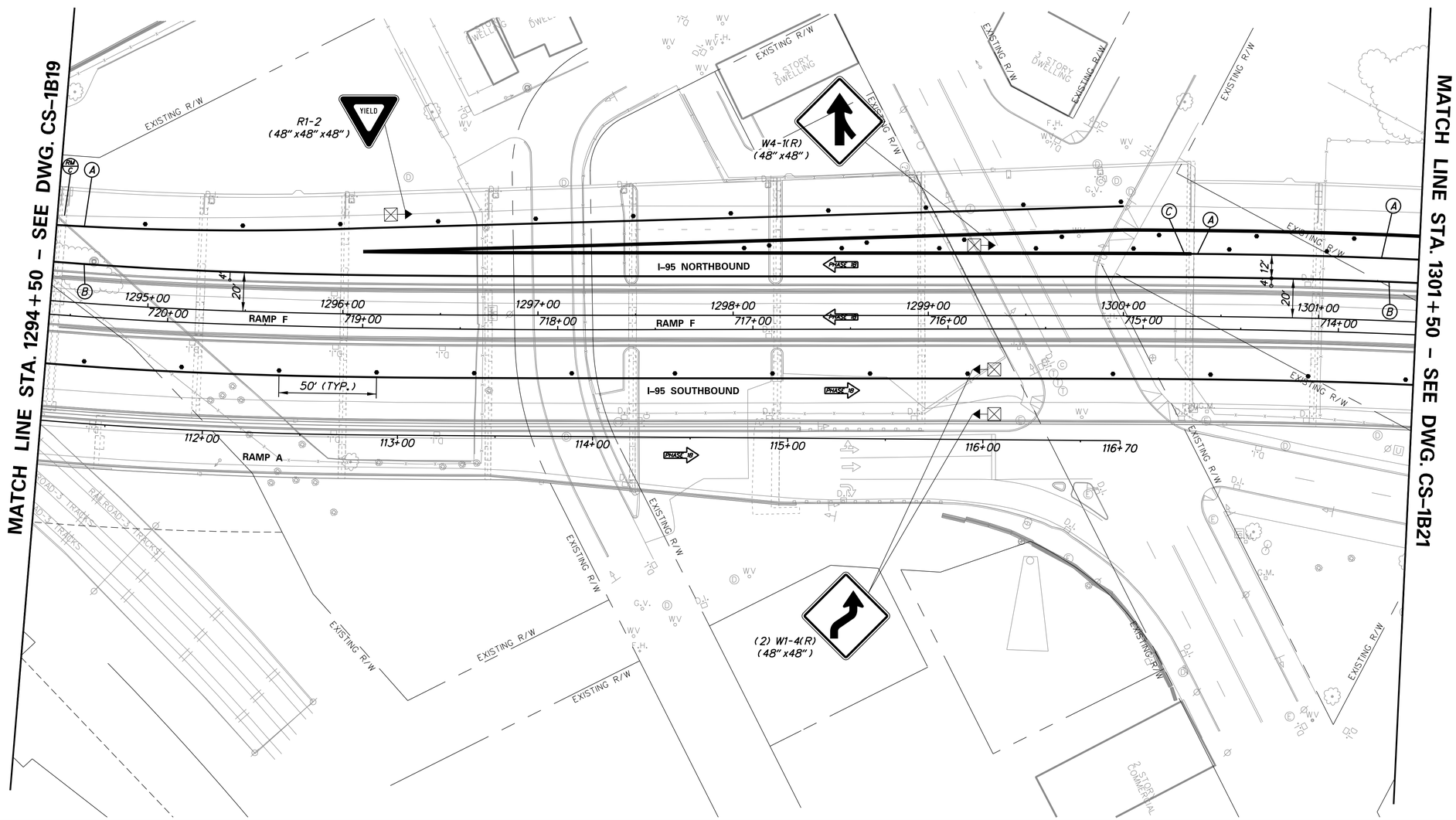
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



ADDENDA / REVISIONS	

SCALE: 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B20
SECTION
WRA
SHEET NO.
3-094

N:\31987-004\Contract_I-95\CADD\Traffic\CS1B20.dgn
5/21/2019 9:50:04 AM

CONSTRUCTION PHASING LEGEND

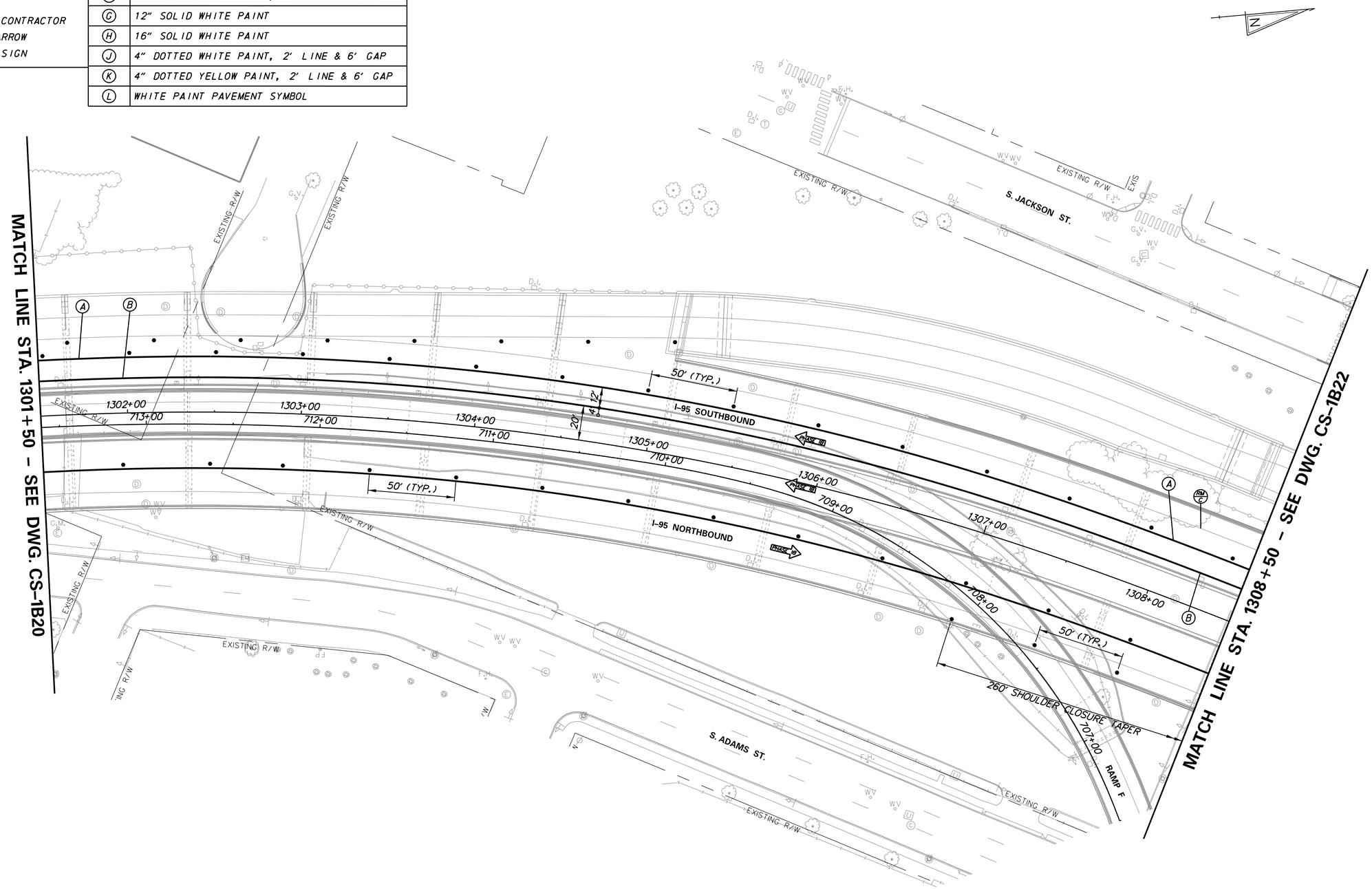
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB AND RAMP B, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

CS-1B21
SECTION WRA
SHEET NO. 3-095

N:\31987-004\Contract_I-95\CADD\Traffic\CS1B21.dgn
5/21/2019 9:50:05 AM

CONSTRUCTION PHASING LEGEND

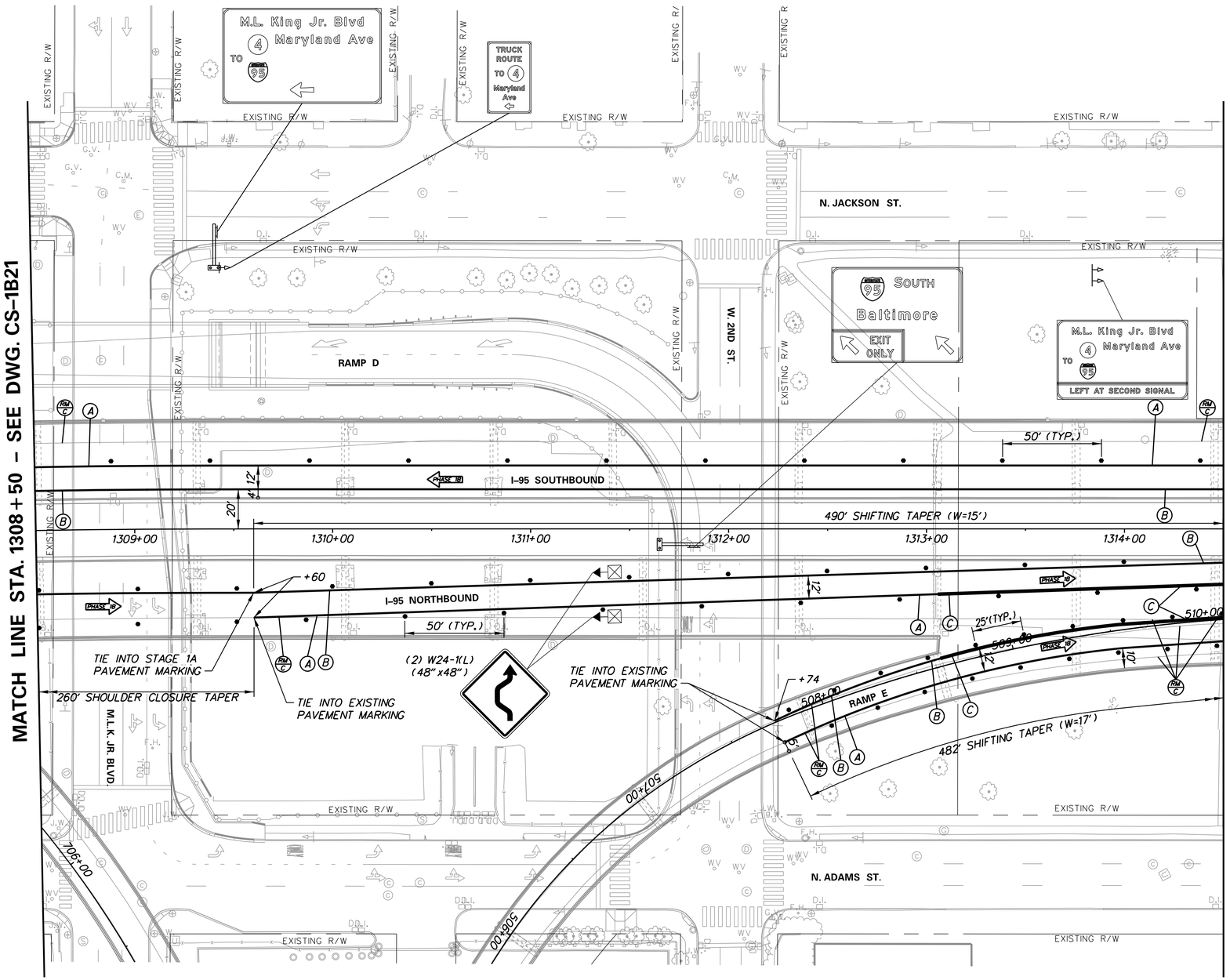
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

7. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B22

SECTION	SHEET NO.
WRA	3-096

N:\31987-004\Contract_I-95\CADD\Traffic\CS1B22.dgn
5/21/2019 9:50:06 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:

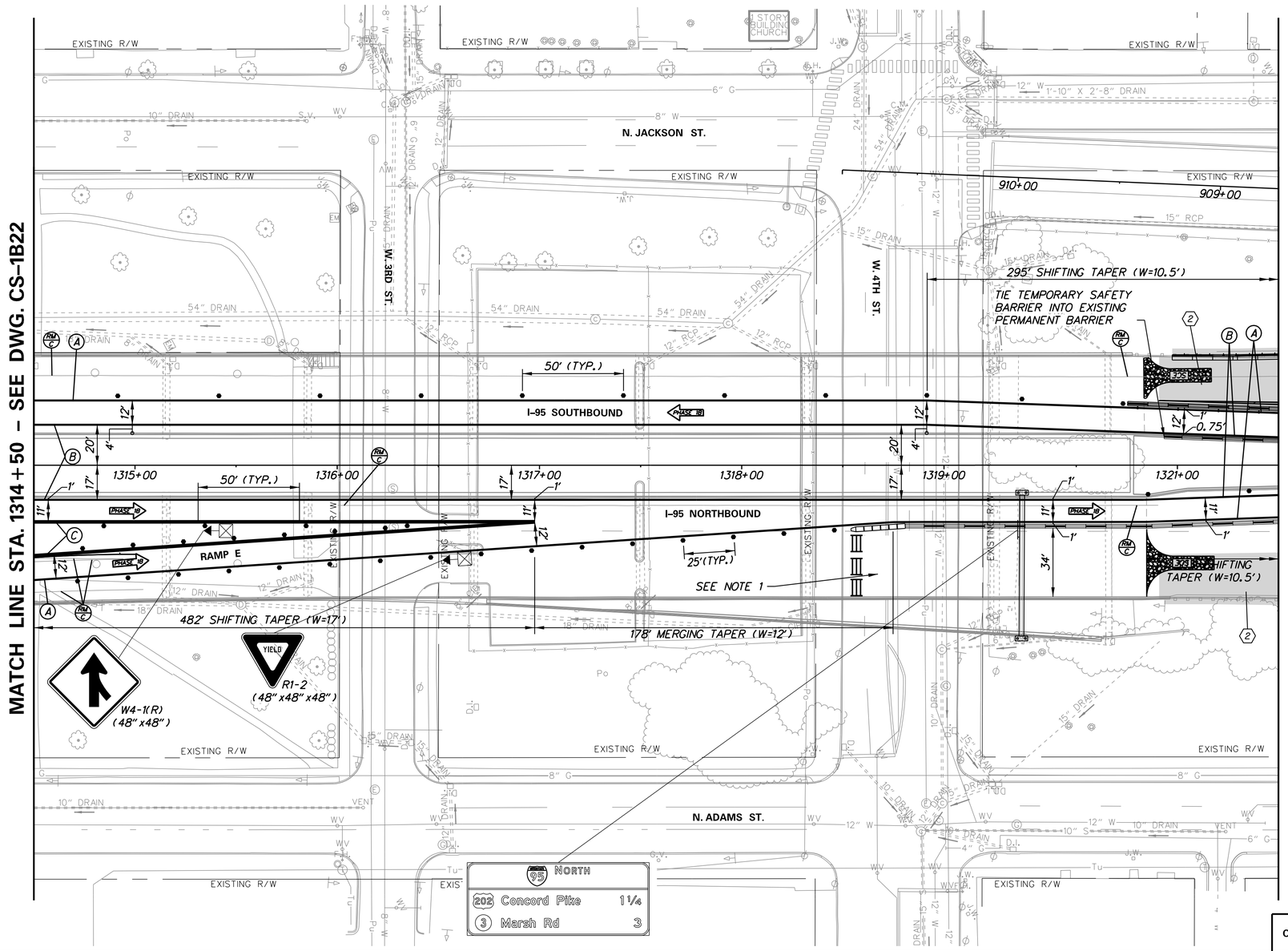
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1318+55 AND STA. 1323+60.
2. SEE CS-1B41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS.

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT SHOULDER AND ROADWAY.

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



N:\31987-004\C&D\Traffic\CS1B23.dgn
2/11/2018 9:13:29 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B23
SHEET NO.
3-097
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:

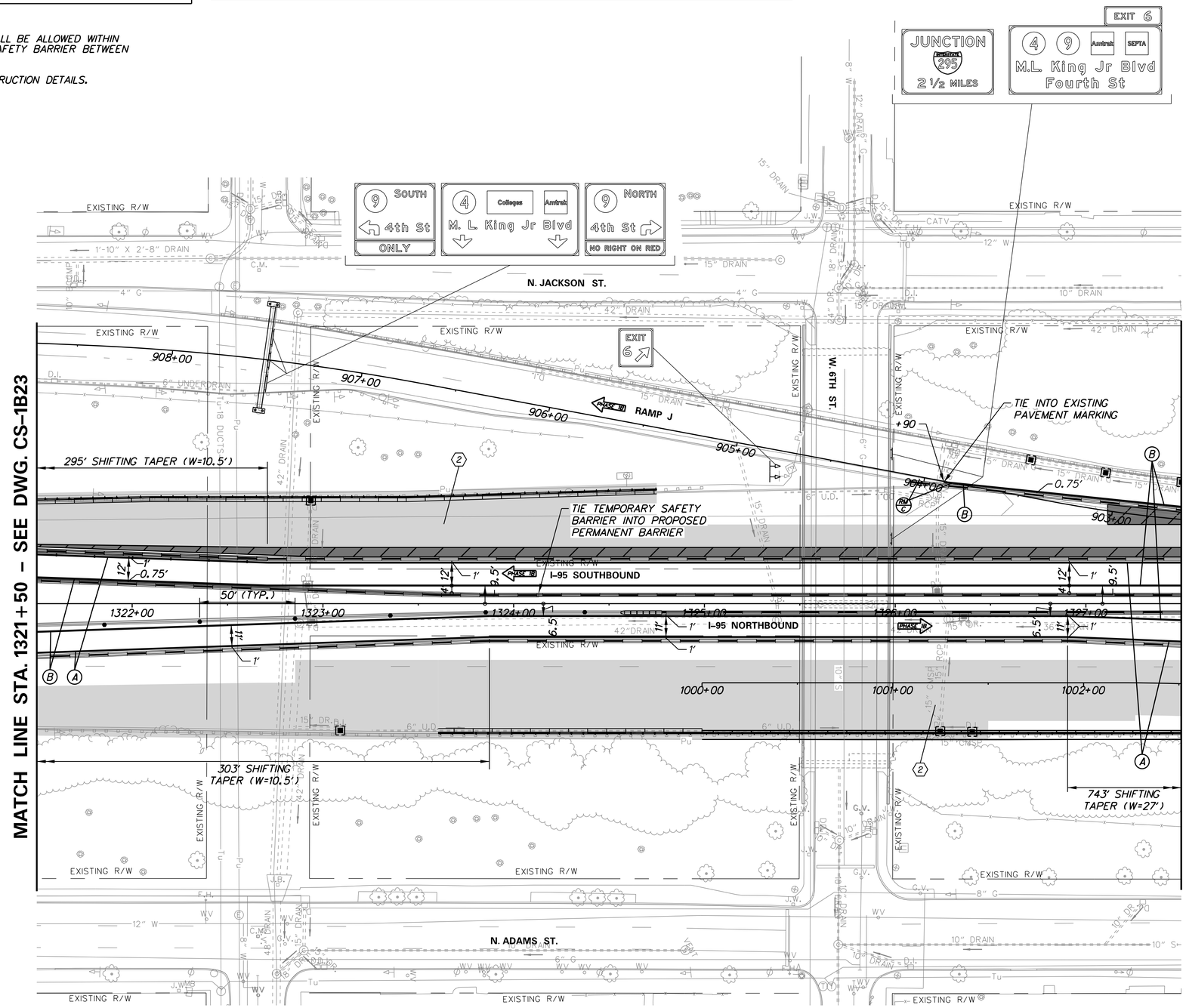
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1318+55 AND STA. 1323+60.
2. SEE CS-1B41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS.

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT SHOULDER AND ROADWAY.

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



N:\31987-004\CADD\Traffic\CS1B24.dgn
2/11/2016 9:15:30 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B24

SHEET NO.	TOTAL SHTS.
3-098	3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

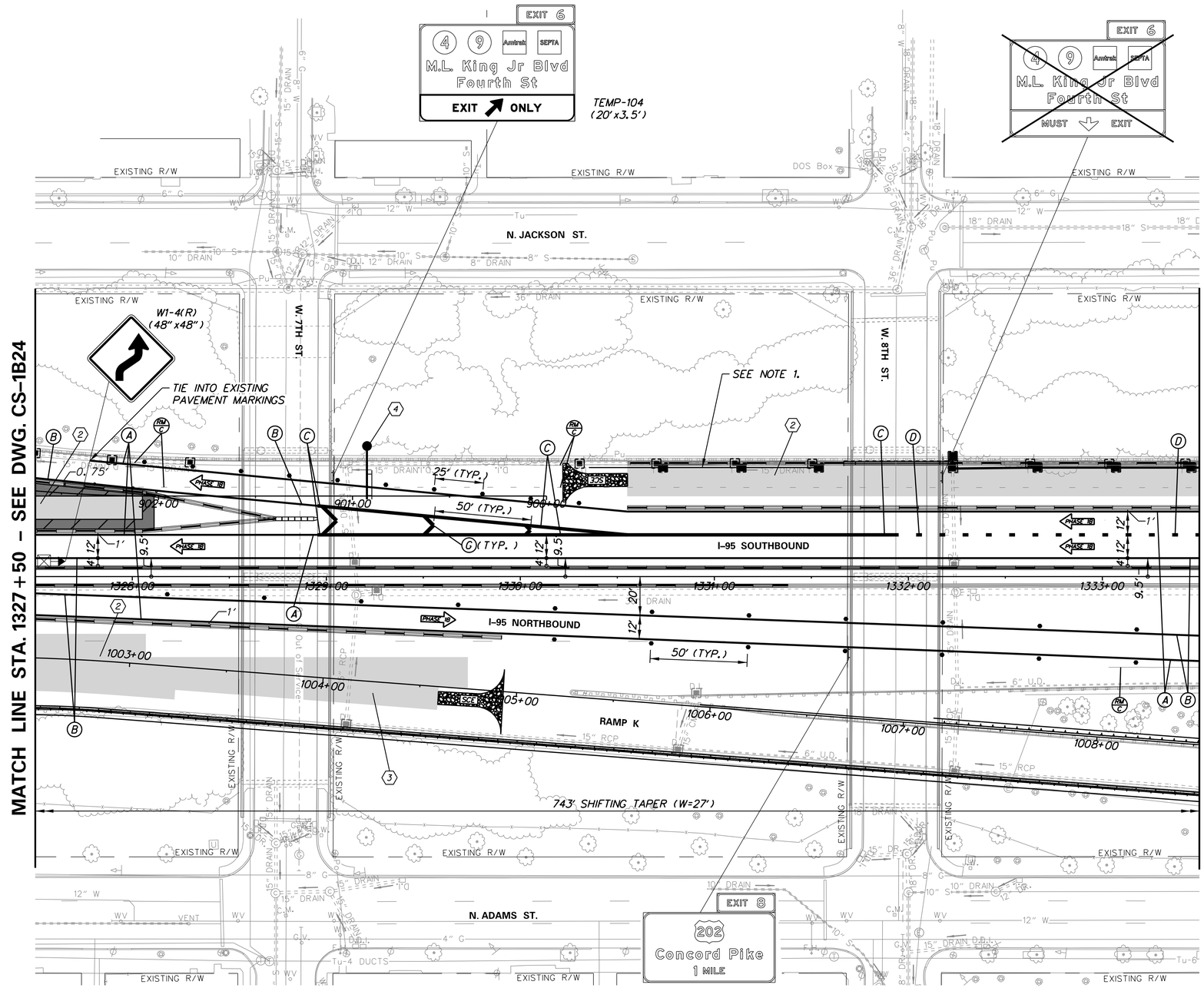
SEQUENCE OF CONSTRUCTION - PHASE 1B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT SHOULDER AND ROADWAY.
3. MAINTAIN CLOSURE OF RAMP K AND DETOUR TRAFFIC.
4. CONSTRUCT PROPOSED CANTILEVER SIGN STRUCTURE C-4.

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. PROPOSED DRAINAGE SYSTEM TO BE BLOCKED UNTIL PHASE 2B.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B	CS–1B25
T201407404	DESIGNED BY: WRA		SHEET NO. 3-099
COUNTY			TOTAL SHTS.
NEW CASTLE	CHECKED BY: WRA		3-420

N:\31987-004\C400\Traffic\CS1B25.dgn
2/17/2016 9:13:32 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

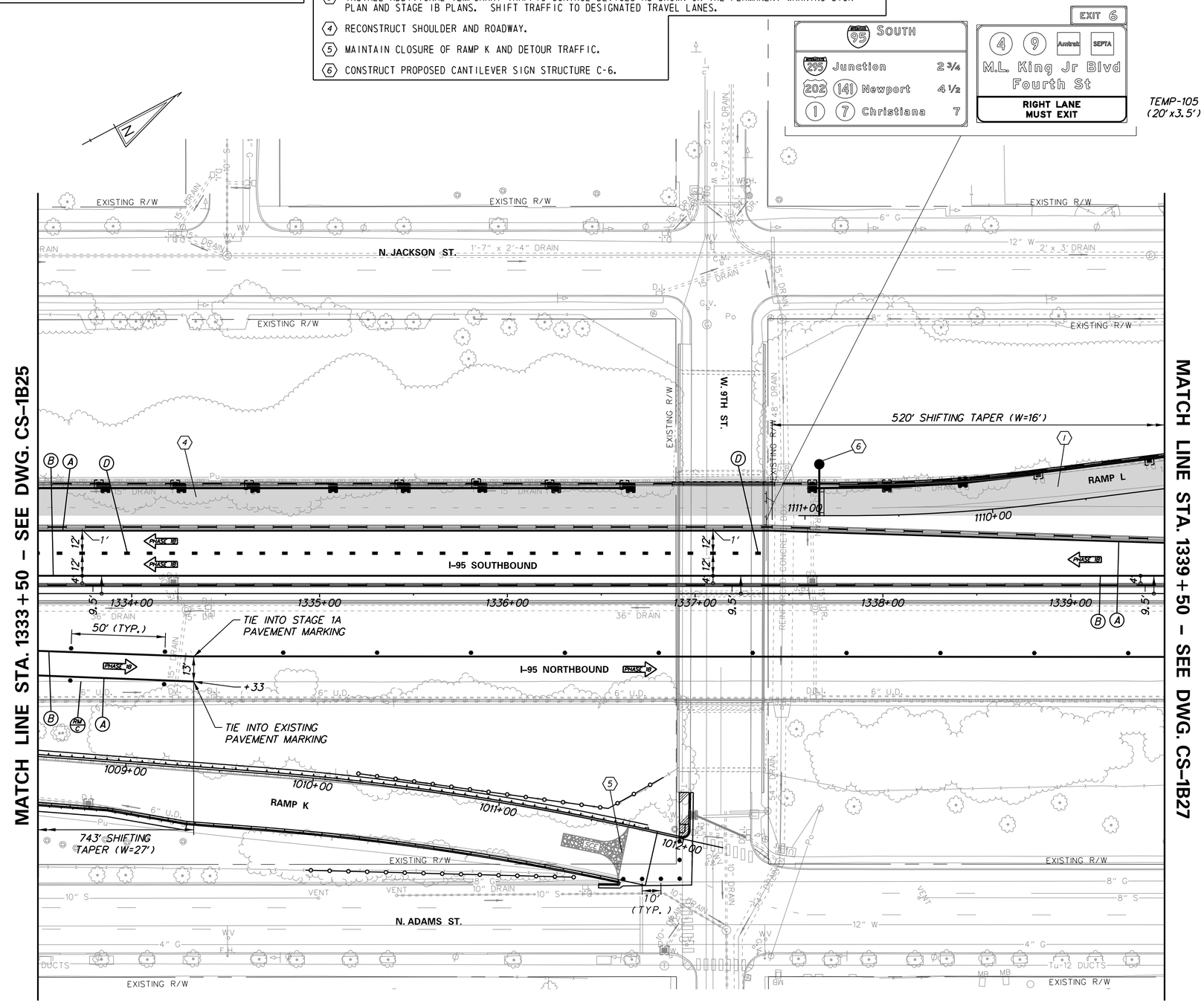
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-1B42 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE IB

1. CLOSE RAMP L AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
2. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE IA FOR I-95 NB, NORTH OF STA. 1334+33, AS SHOWN ON PLAN.
3. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IB PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
4. RECONSTRUCT SHOULDER AND ROADWAY.
5. MAINTAIN CLOSURE OF RAMP K AND DETOUR TRAFFIC.
6. CONSTRUCT PROPOSED CANTILEVER SIGN STRUCTURE C-6.



N:\31987-004\CADD\Traffic\CS1B26.dgn
2/11/2016 9:13:53 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B26

SHEET NO. 3-100

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

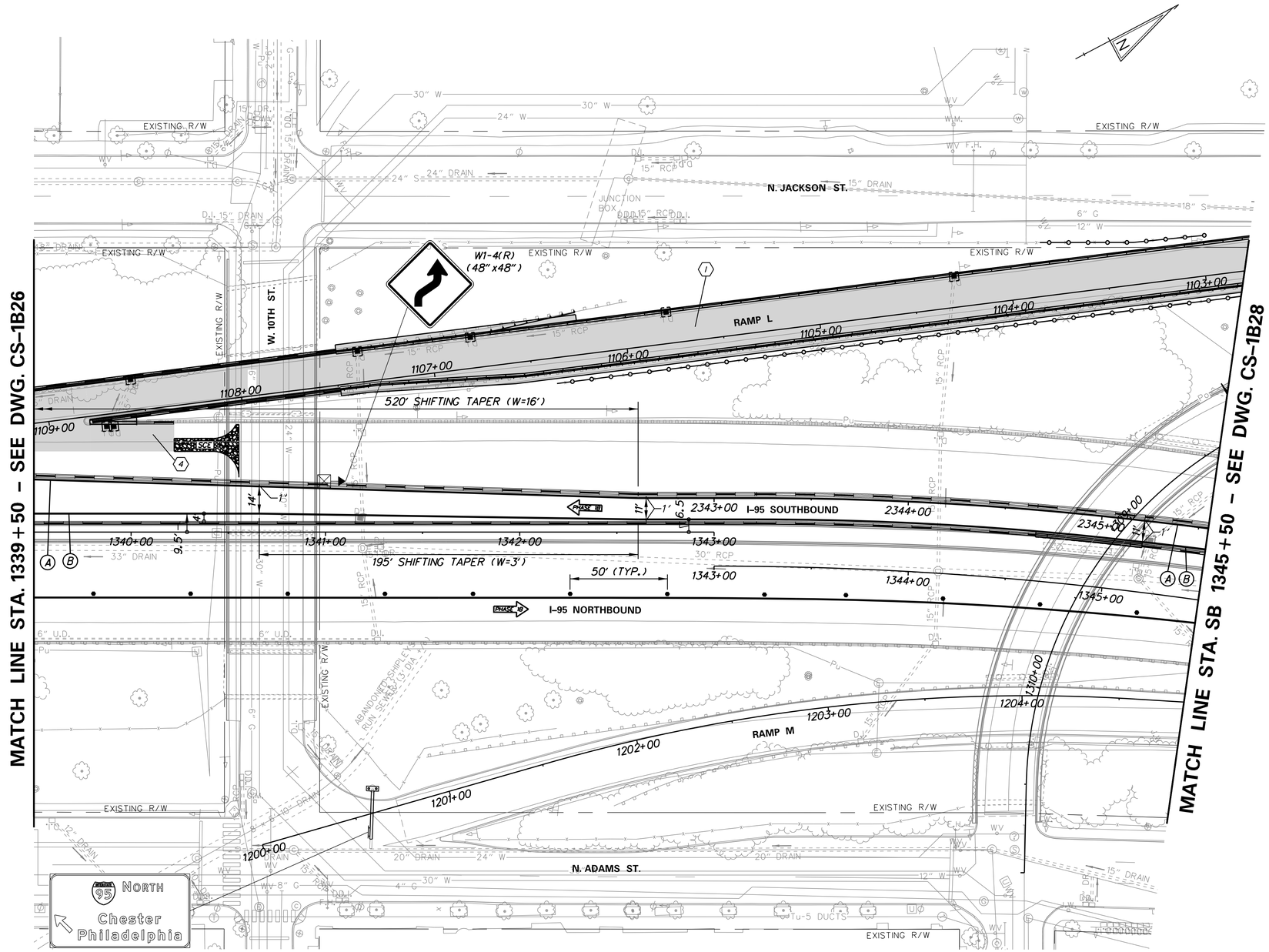
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-1B42 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. CLOSE RAMP L AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
2. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
3. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
4. RECONSTRUCT SHOULDER AND ROADWAY.



N:\31987-004\CADD\Traffic\CS1B27.dgn
2/11/2019 9:13:34 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	
COUNTY	DESIGNED BY: WRA
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B27

SHEET NO.	TOTAL SHTS.
3-101	3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

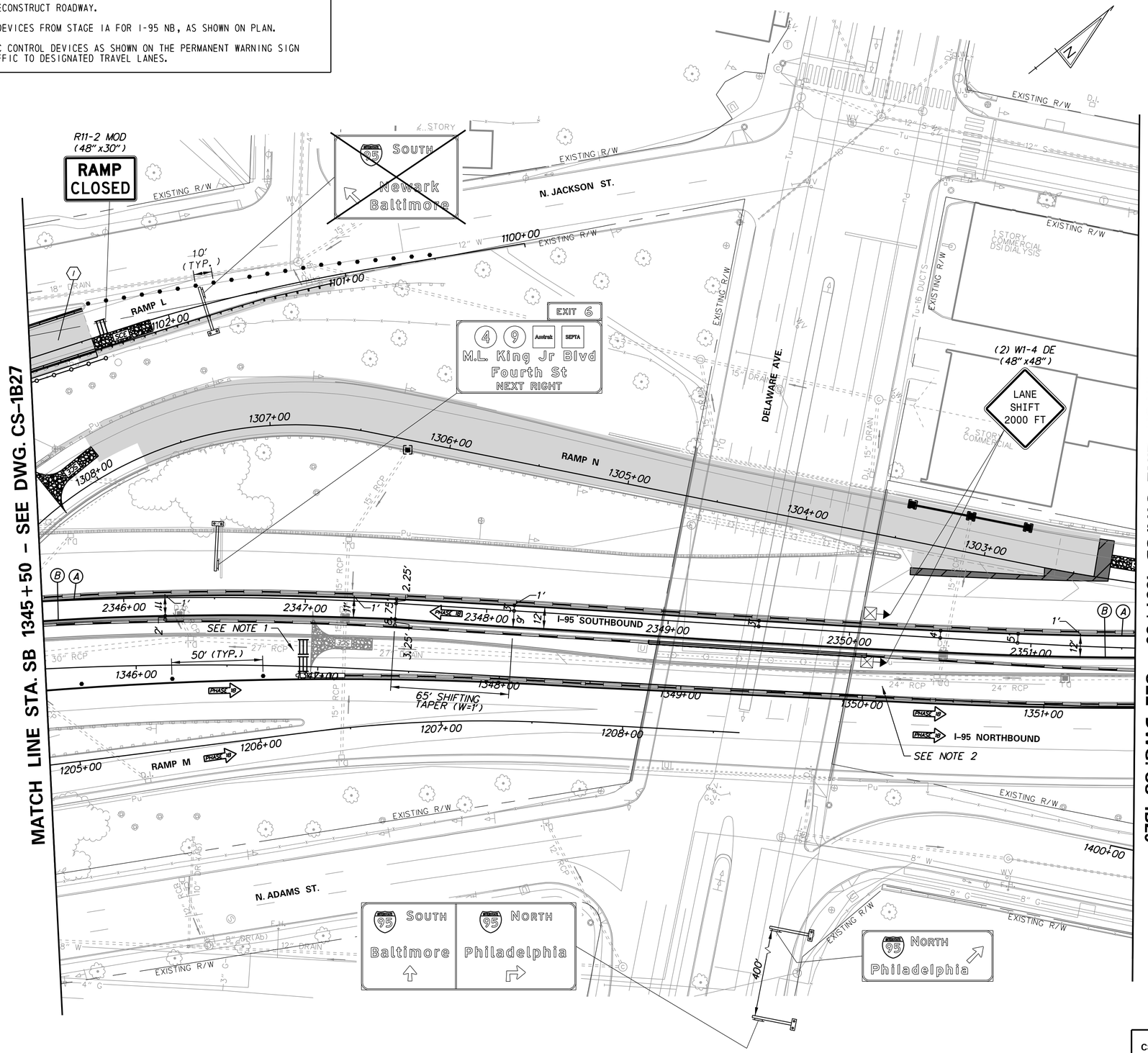
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1346+90 AND STA. 1348+80.
2. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 2350+10 AND STA. 2352+40.

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. CLOSE RAMP L AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
2. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
3. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS1B28.dgn
2/11/2016 9:13:35 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B	CS-1B28
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-102
					CHECKED BY: WRA		TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

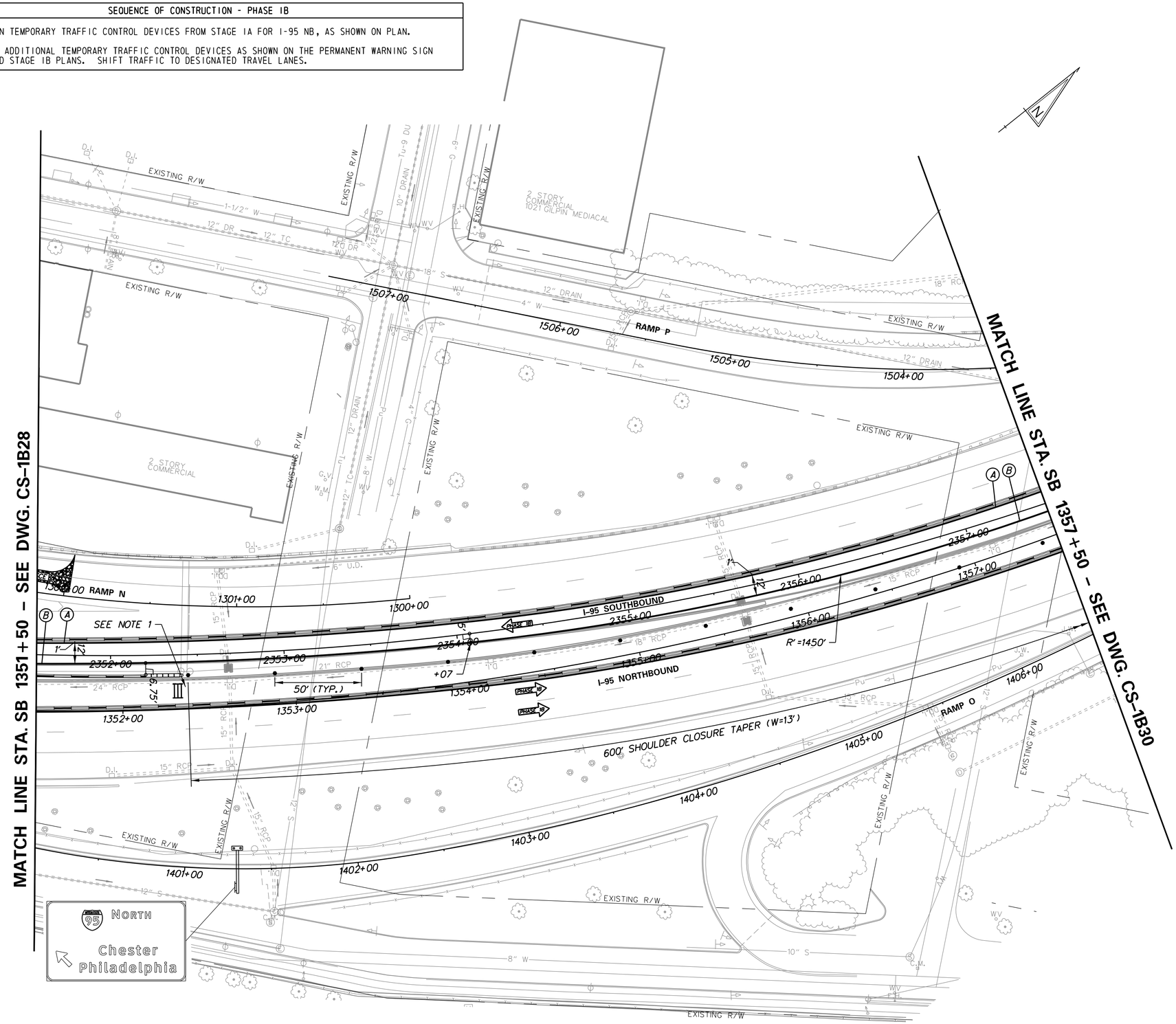
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 2350+10 AND STA. 2352+40.

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B	CS-1B29
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-103
					CHECKED BY: WRA		TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1B29.dgn
2/17/2018 9:13:37 AM

CONSTRUCTION PHASING LEGEND

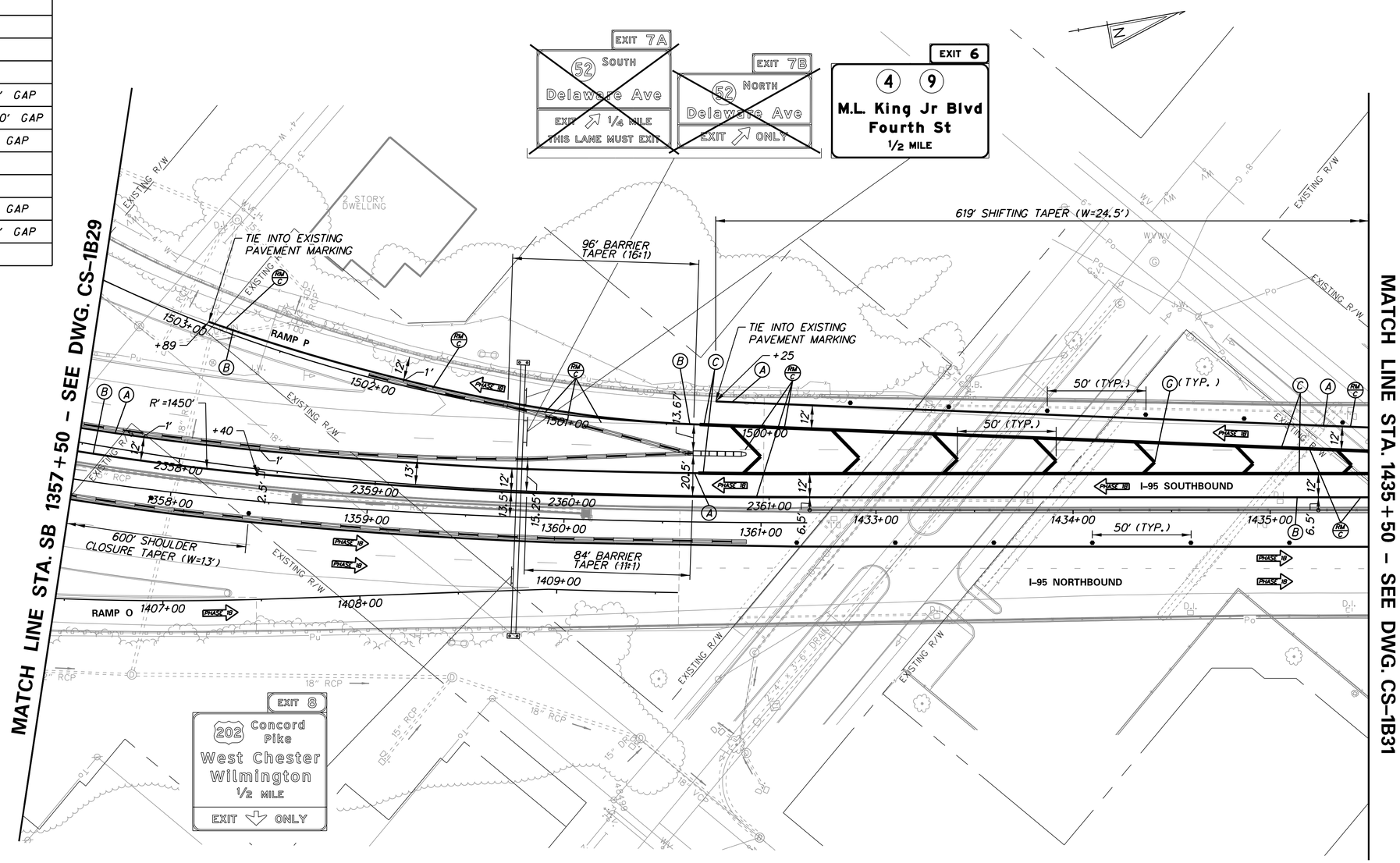
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- (RM C) REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
(A)	4" SOLID WHITE PAINT
(B)	4" SOLID YELLOW PAINT
(C)	10" SOLID WHITE PAINT
(D)	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(E)	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
(F)	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(G)	12" SOLID WHITE PAINT
(H)	16" SOLID WHITE PAINT
(J)	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
(K)	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
(L)	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B30

SHEET NO. 3-104

TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1B30.dgn
2/11/2016 9:15:38 AM

CONSTRUCTION PHASING LEGEND

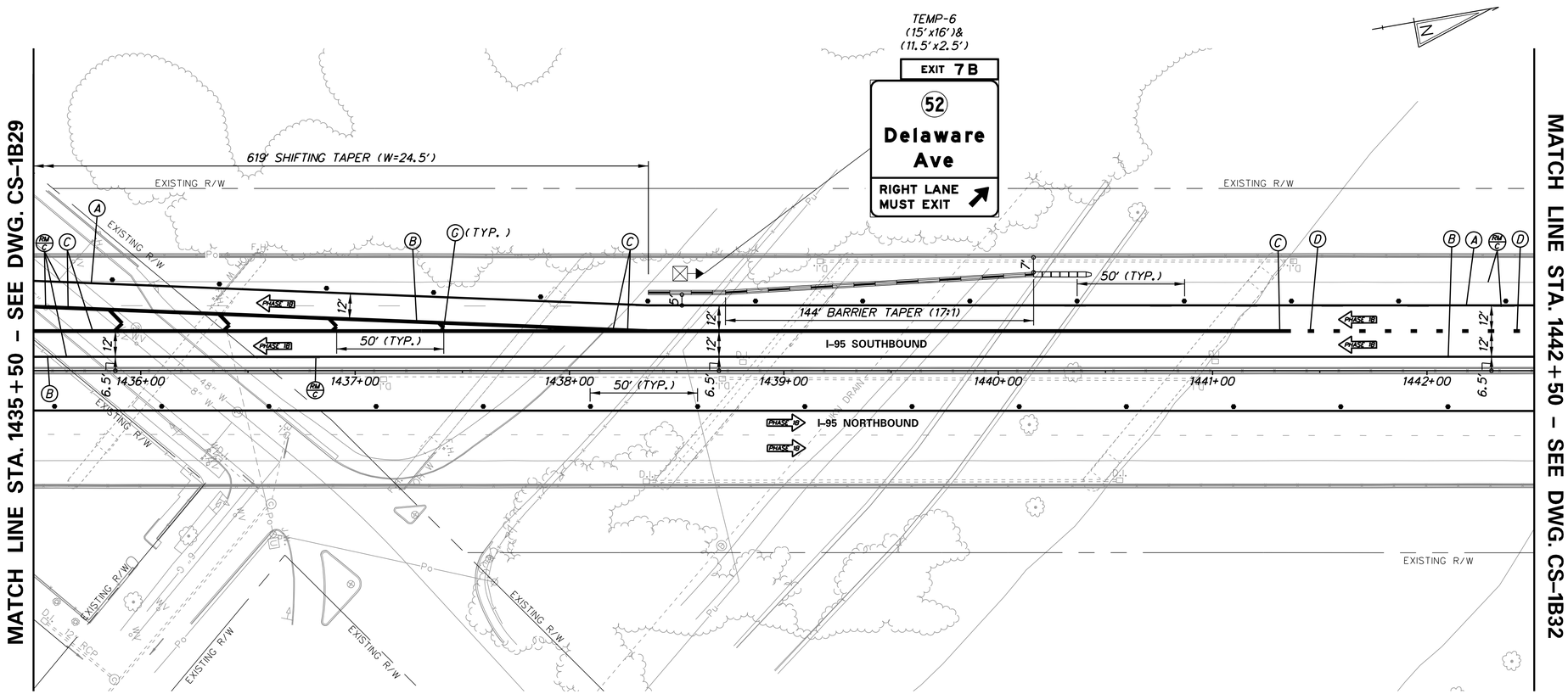
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS1B31.dgn
2/17/2016 9:13:39 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B31
SHEET NO. 3-105
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

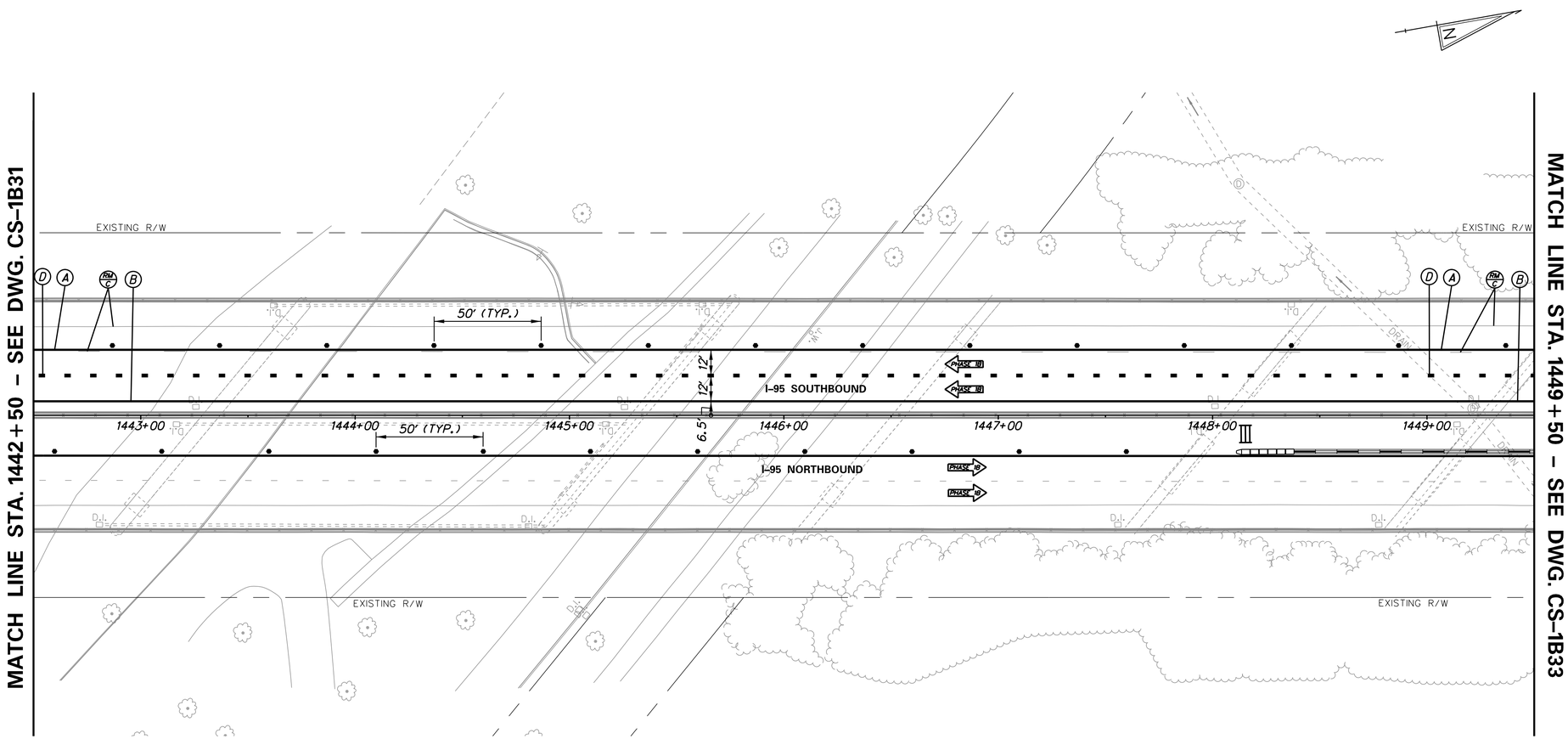
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IB

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE IA FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IB PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS1B32.dgn
2/11/2018 9:15:40 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B	CS-1B32
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-106
					CHECKED BY: WRA		TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

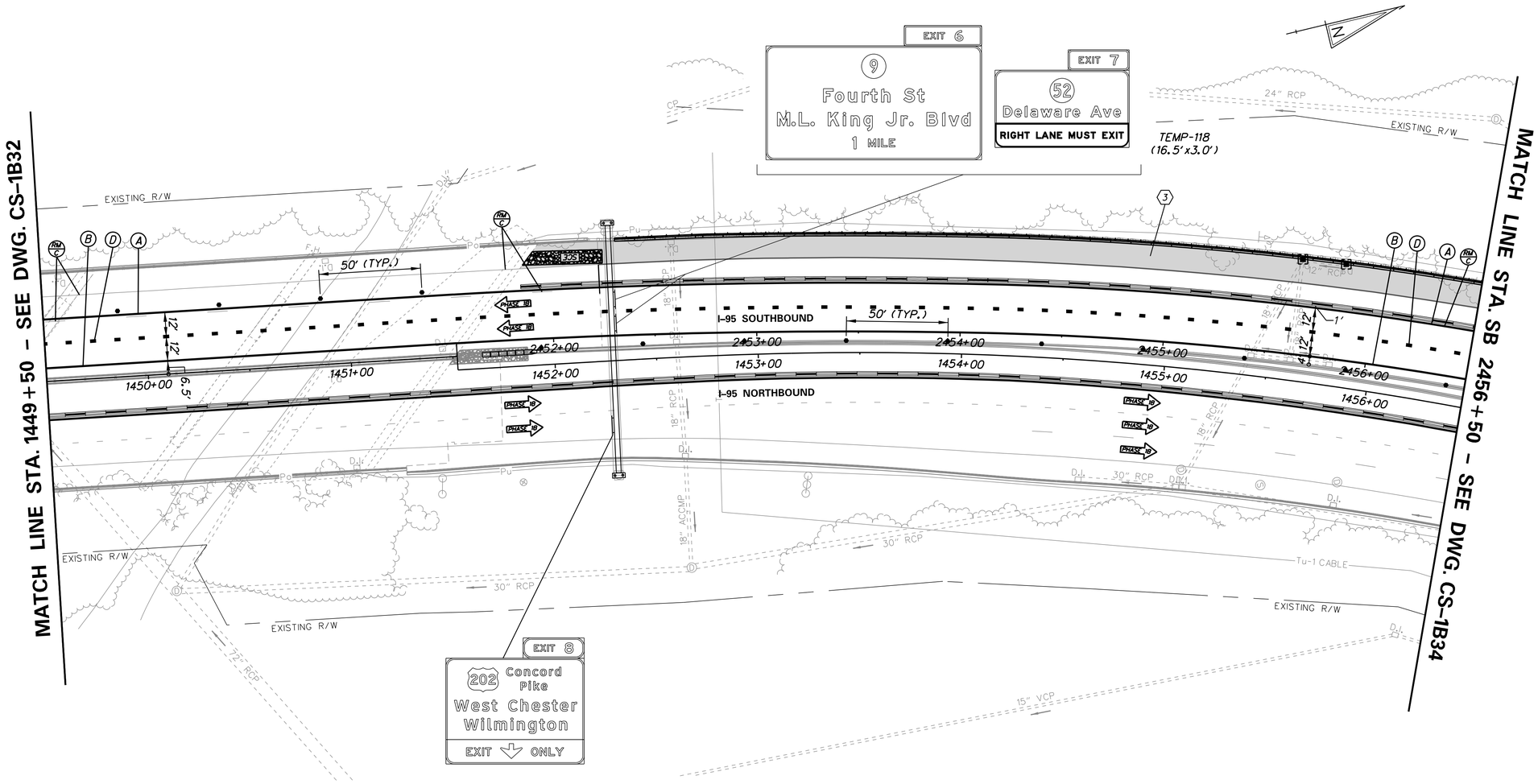
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER.



N:\31987-094\CADD\Traffic\CS1B33.dgn
2/11/2016 9:15:43 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B33

SHEET NO. 3-107

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

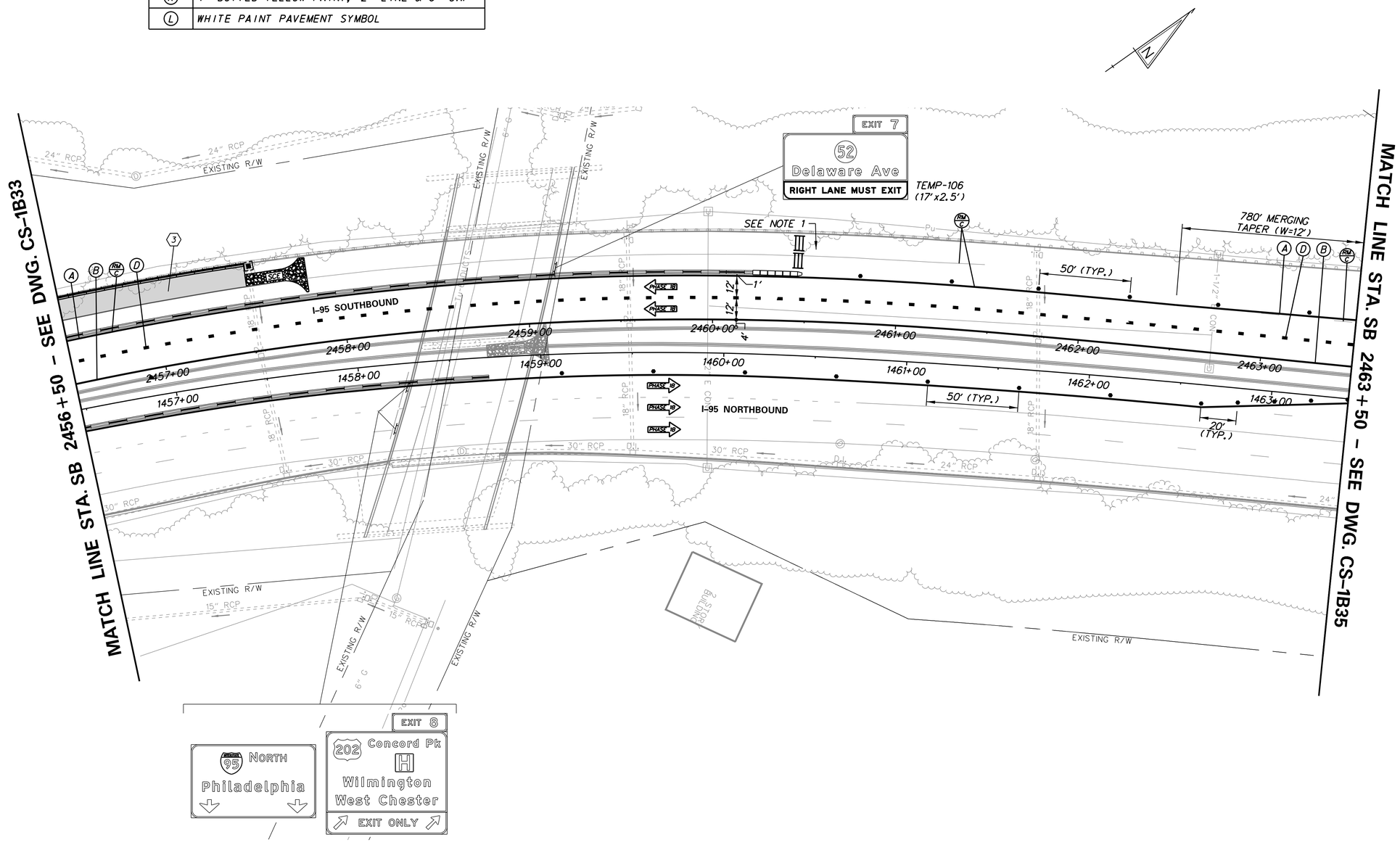
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 2457+50 AND STA. 2460+50.



N:\31987-094\C4D\Traffic\CS1B34.dgn
2/11/2018 9:15:44 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS–1B34

SHEET NO. 3-108

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

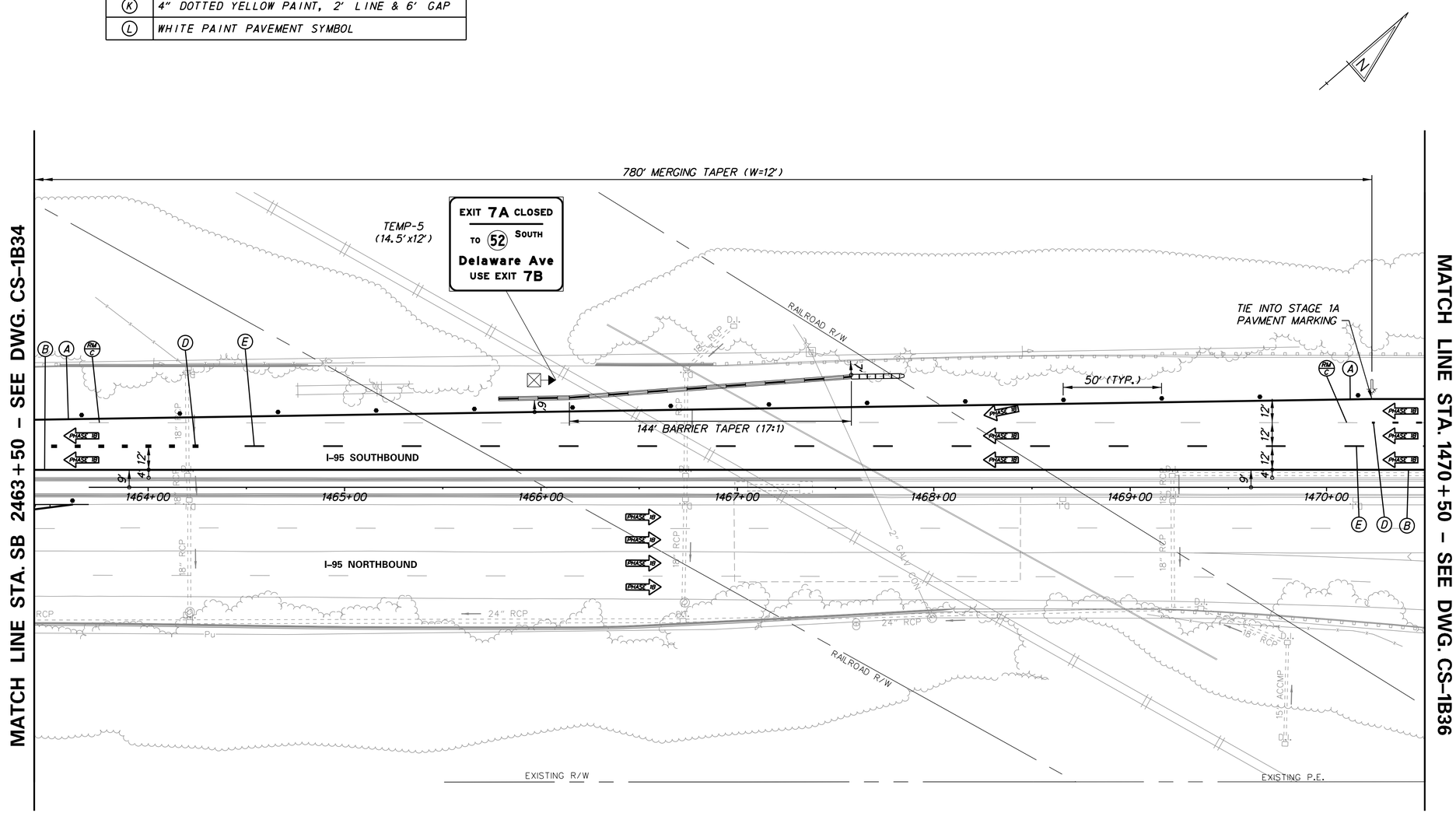
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB AND FOR I-95 SB FROM STA. 1470+23 TO THE NORTH, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS1B35.dgn
2/11/2016 9:13:45 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B35
SHEET NO. 3-109
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

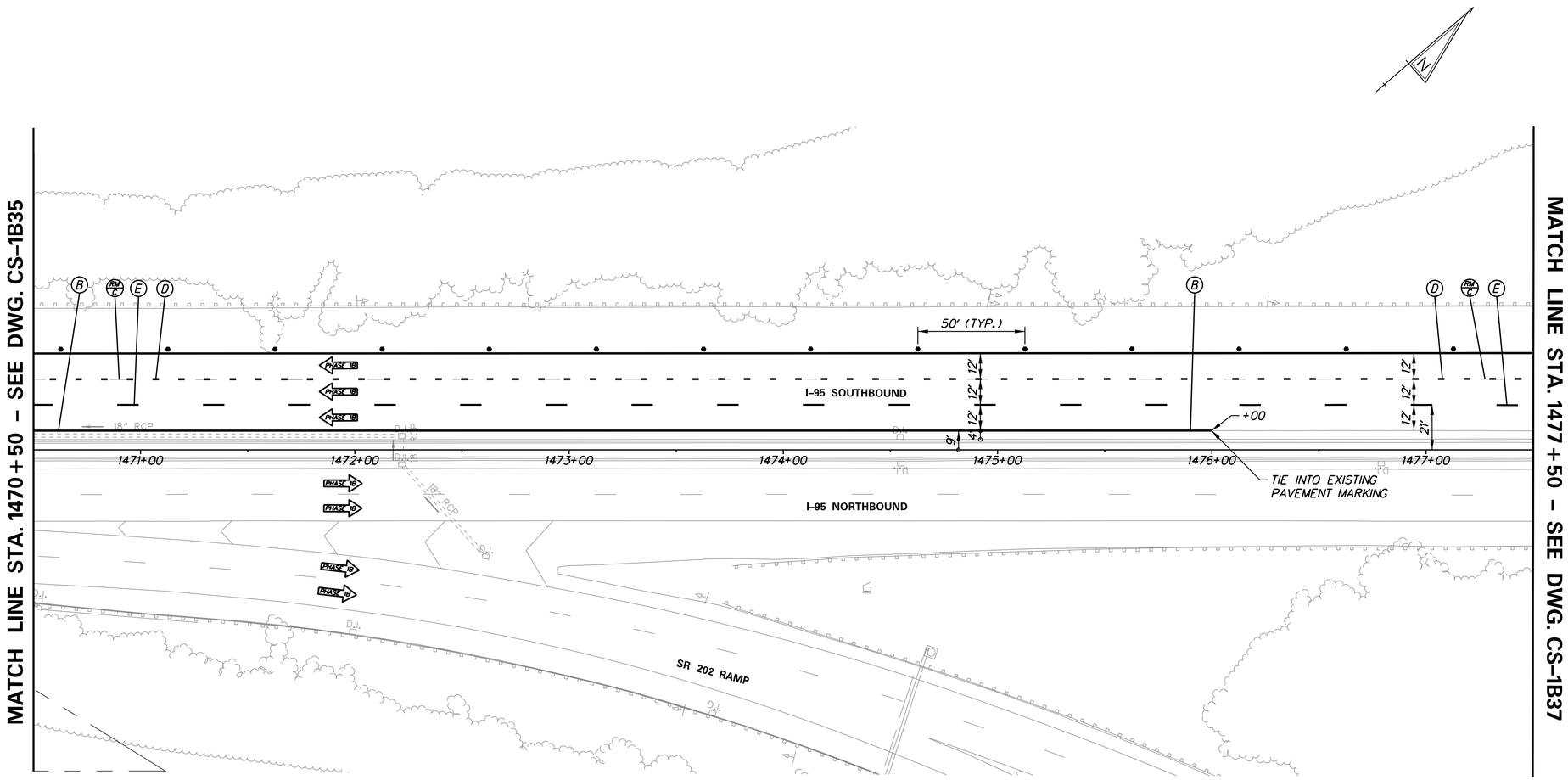
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS1B36.dgn
2/11/2016 9:13:46 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B	CS–1B36 SHEET NO. 3-110
				COUNTY NEW CASTLE	DESIGNED BY: WRA		TOTAL SHTS. 3-420
					CHECKED BY: WRA		

CONSTRUCTION PHASING LEGEND

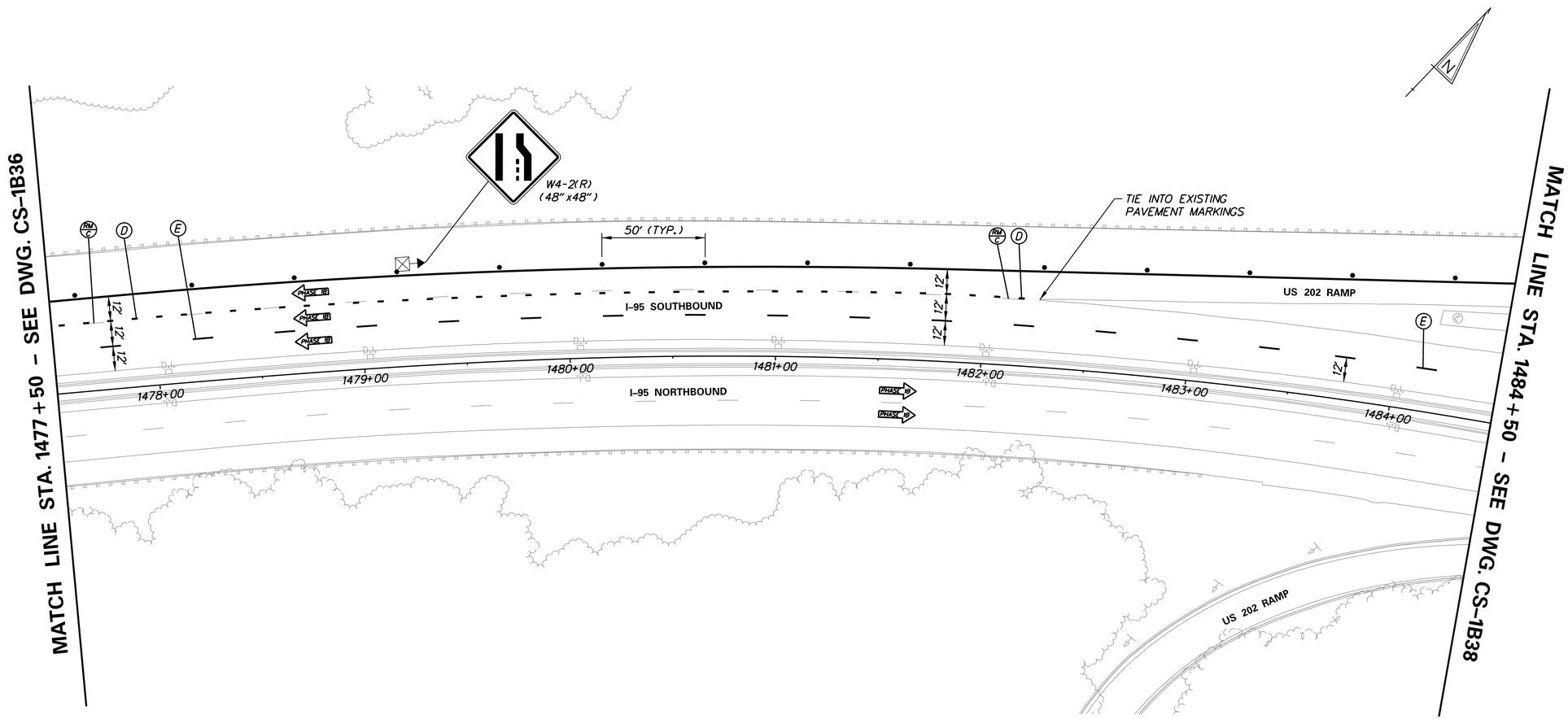
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- RM/C REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 SB TO US 202, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS1B37.dgn
2/17/2018 9:13:47 AM

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN – PHASE 1B

CS-1B37
SHEET NO.
3-111
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

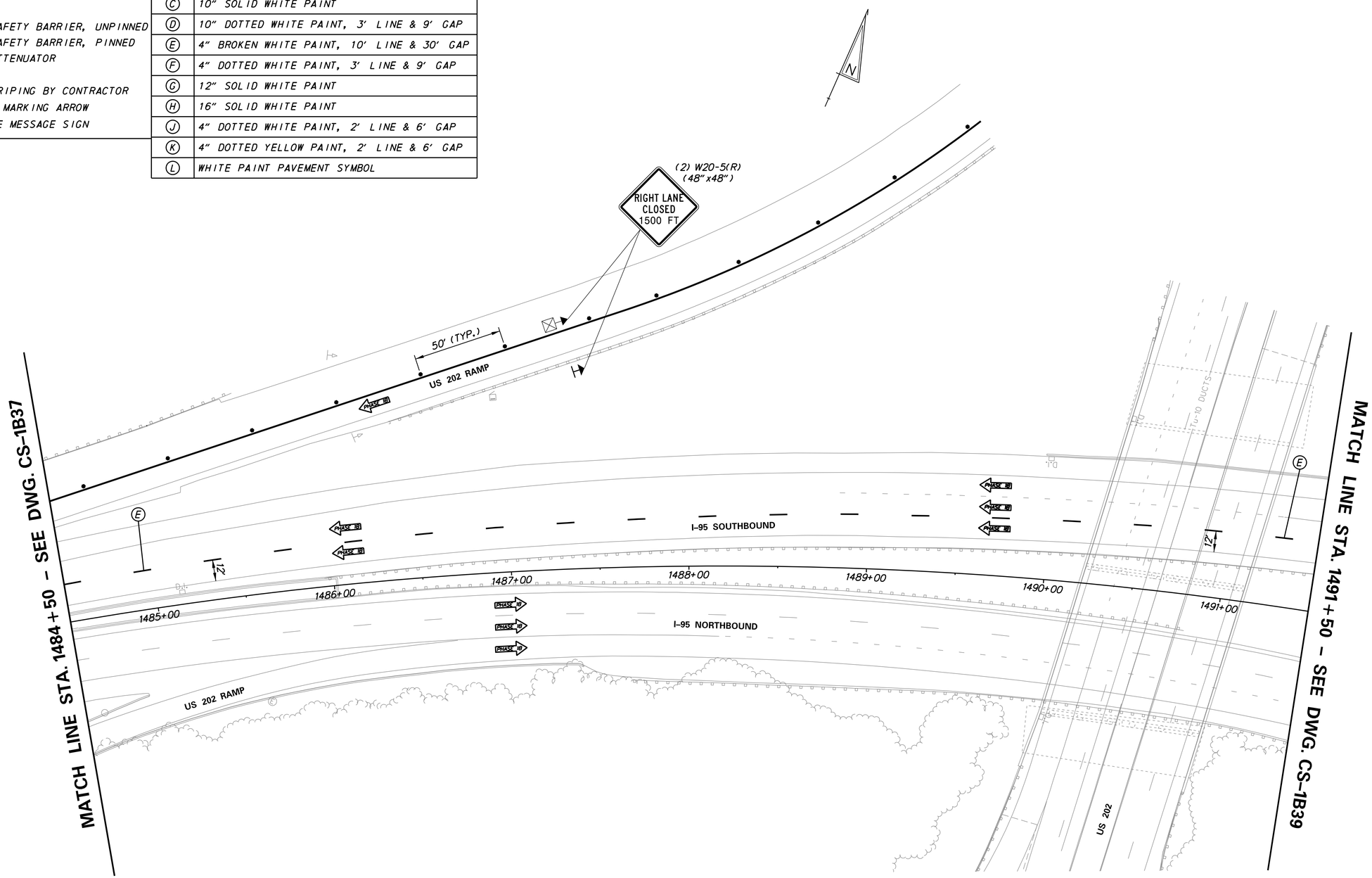
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A ON THE US 202 RAMP, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS1B38.dgn
2/11/2016 9:13:48 AM

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 1B

CS-1B38
SHEET NO.
3-112
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

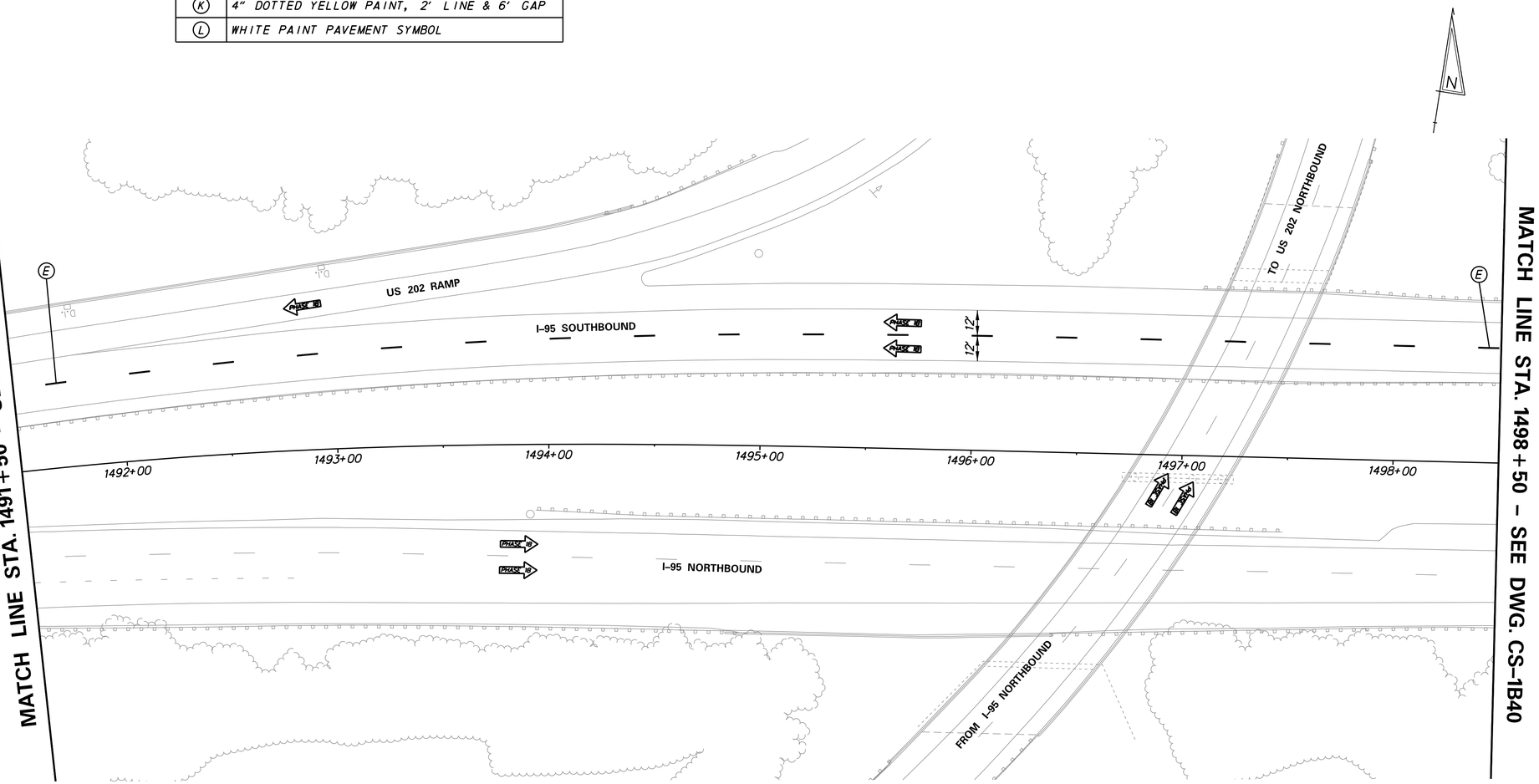
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS.



N:\31987-004\CADD\Traffic\CS1B39.dgn
2/17/2016 9:13:49 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1B

CS-1B39
SHEET NO.
3-113
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

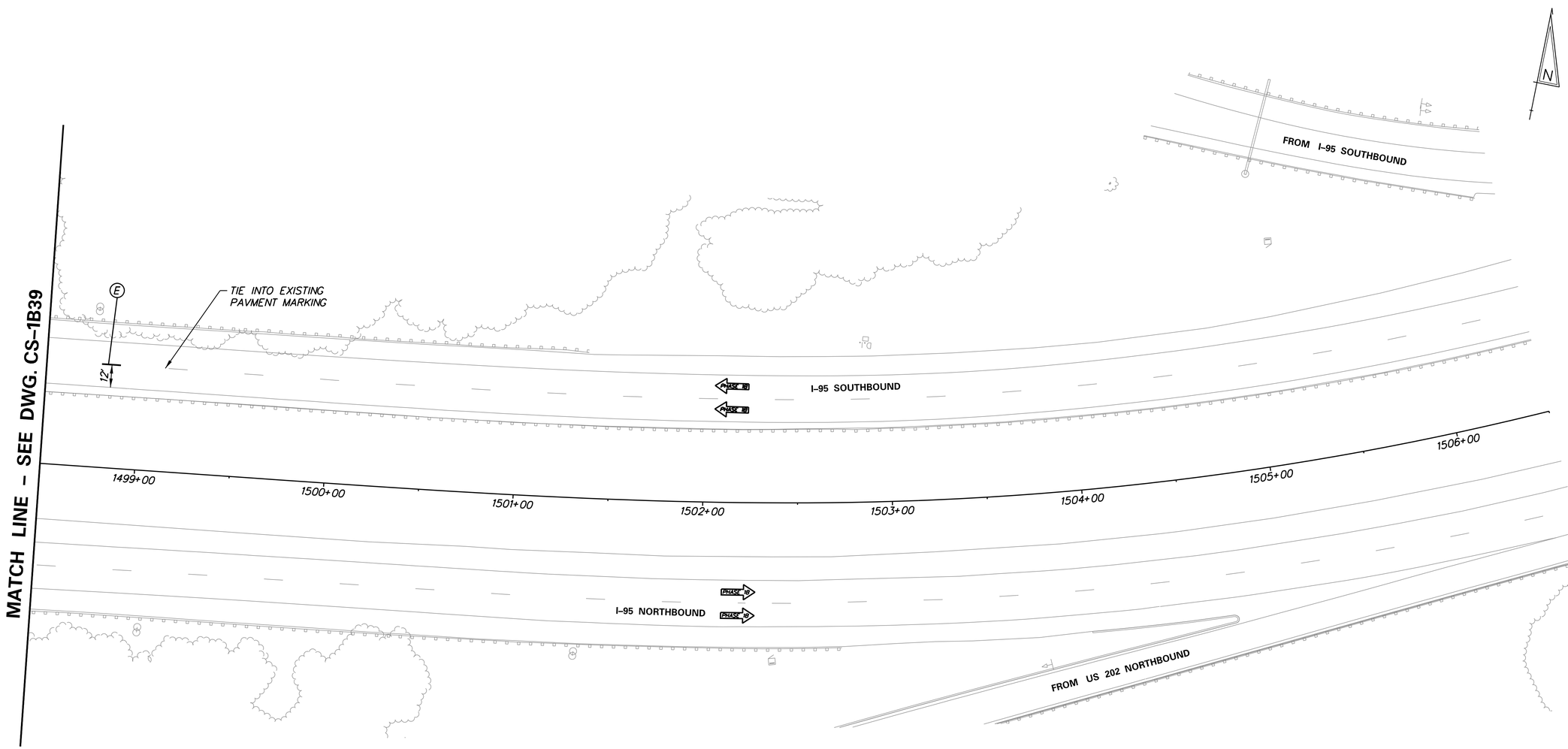
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1B PLANS.



N:\31987-004\CADD\Traffic\CS1B40.dgn
2/11/2016 9:13:50 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

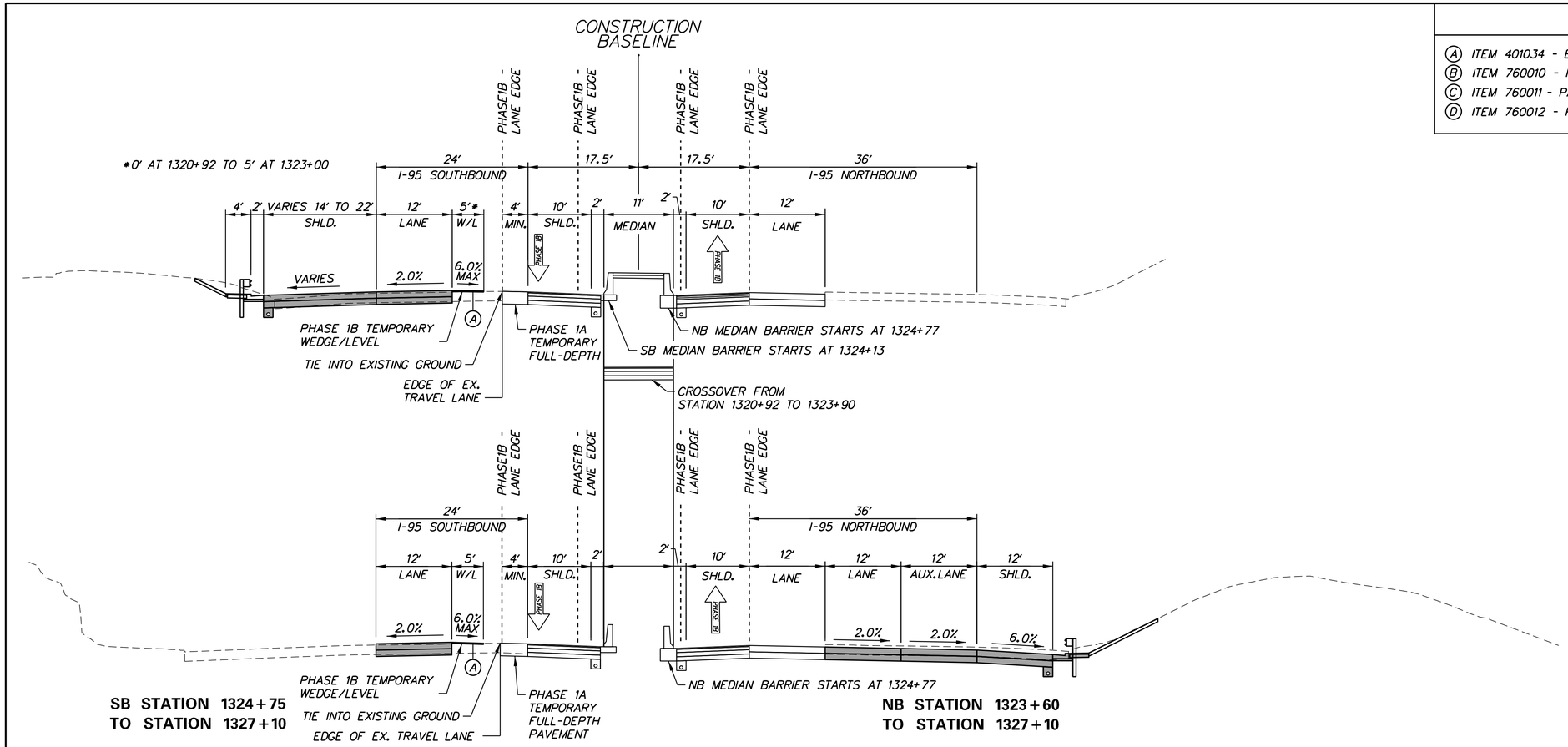
CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1B

CS-1B40
SHEET NO.
3-114
TOTAL SHTS.
3-420

LEGEND

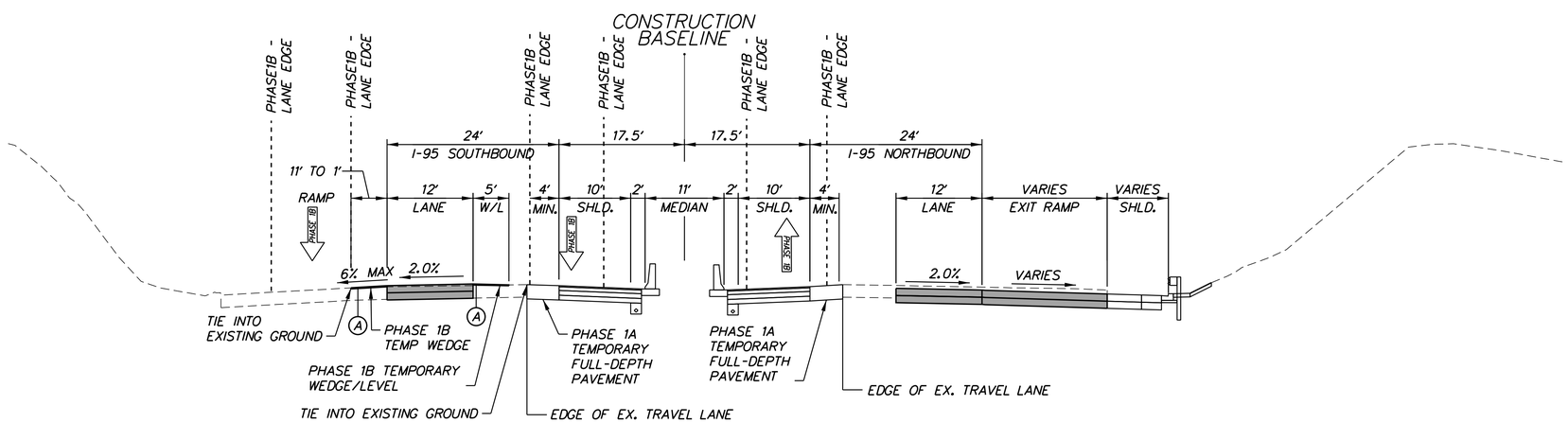
- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



SB STATION 1324+75 TO STATION 1327+10

NB STATION 1323+60 TO STATION 1327+10

I–95 PHASE 1B
STATION 1320+91 TO STATION 1327+10



I–95 PHASE 1B
STATION 1327+10 TO STATION 1328+05

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

CS–1B41

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: WRA	
COUNTY	CHECKED BY: WRA	
NEW CASTLE		

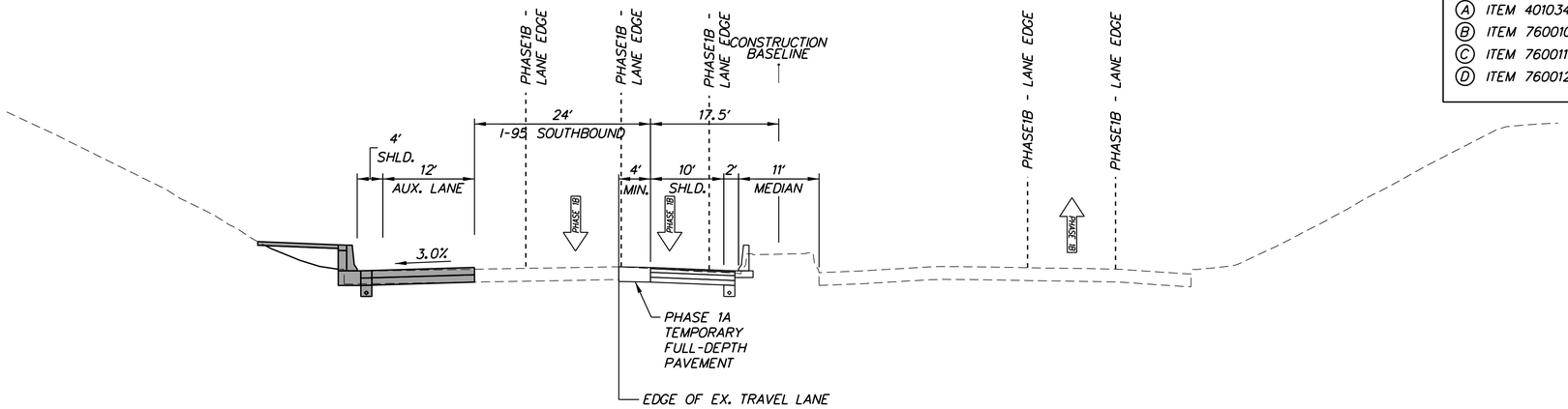
M.O.T. TYPICAL SECTIONS

SHEET NO. 3-115
TOTAL SHTS. 3-420

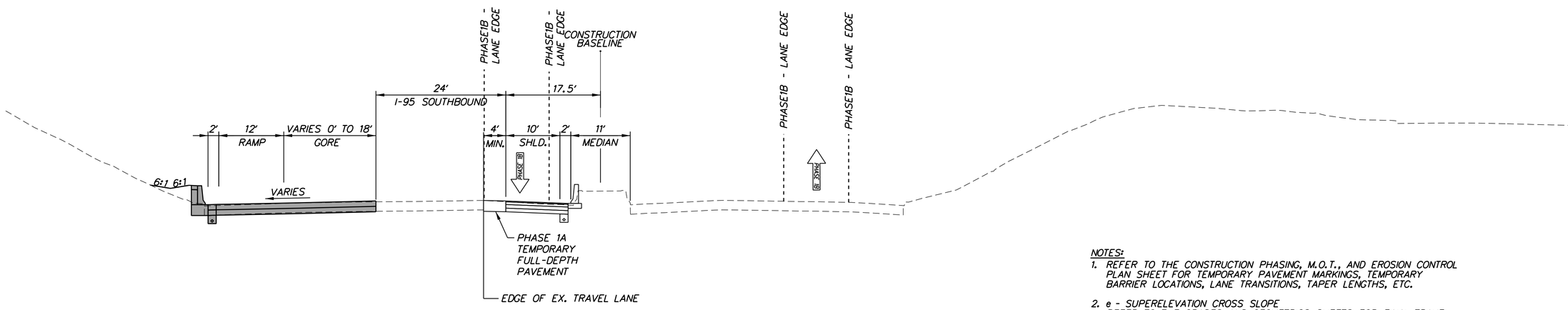
N:\31987-00A\CADD\Traffic\CS1B41_TS.dgn
2/11/2018 9:13:51 AM

LEGEND

- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



I–95 PHASE 1B
STATION 1330+55 TO STATION 1337+76



I–95 PHASE 1B
STATION 1337+76 TO STATION 1340+22

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

CS–1B42

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	M.O.T. TYPICAL SECTIONS	SHEET NO. 3-116 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1B42_TS.dgn
2/11/2016 9:13:52 AM

CONSTRUCTION PHASING LEGEND

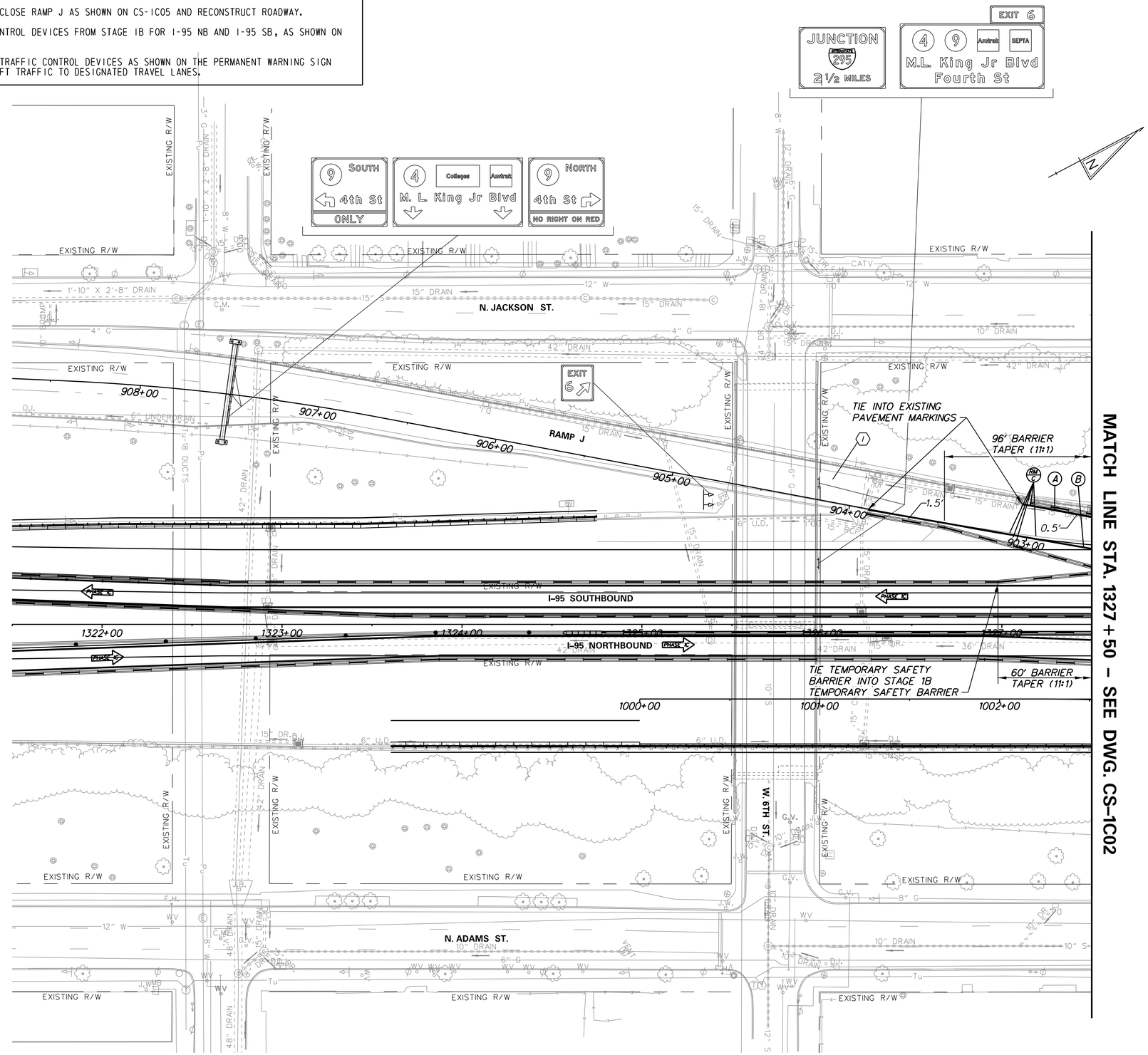
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1C

1. DURING ALLOWABLE WORK HOURS, CLOSE RAMP J AS SHOWN ON CS-1C05 AND RECONSTRUCT ROADWAY.
2. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1B FOR I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
3. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 1C PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\C&D\Traffic\CS1C01.dgn
2/11/2016 9:13:56 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1C

CS-1C01
SHEET NO. 3-117
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

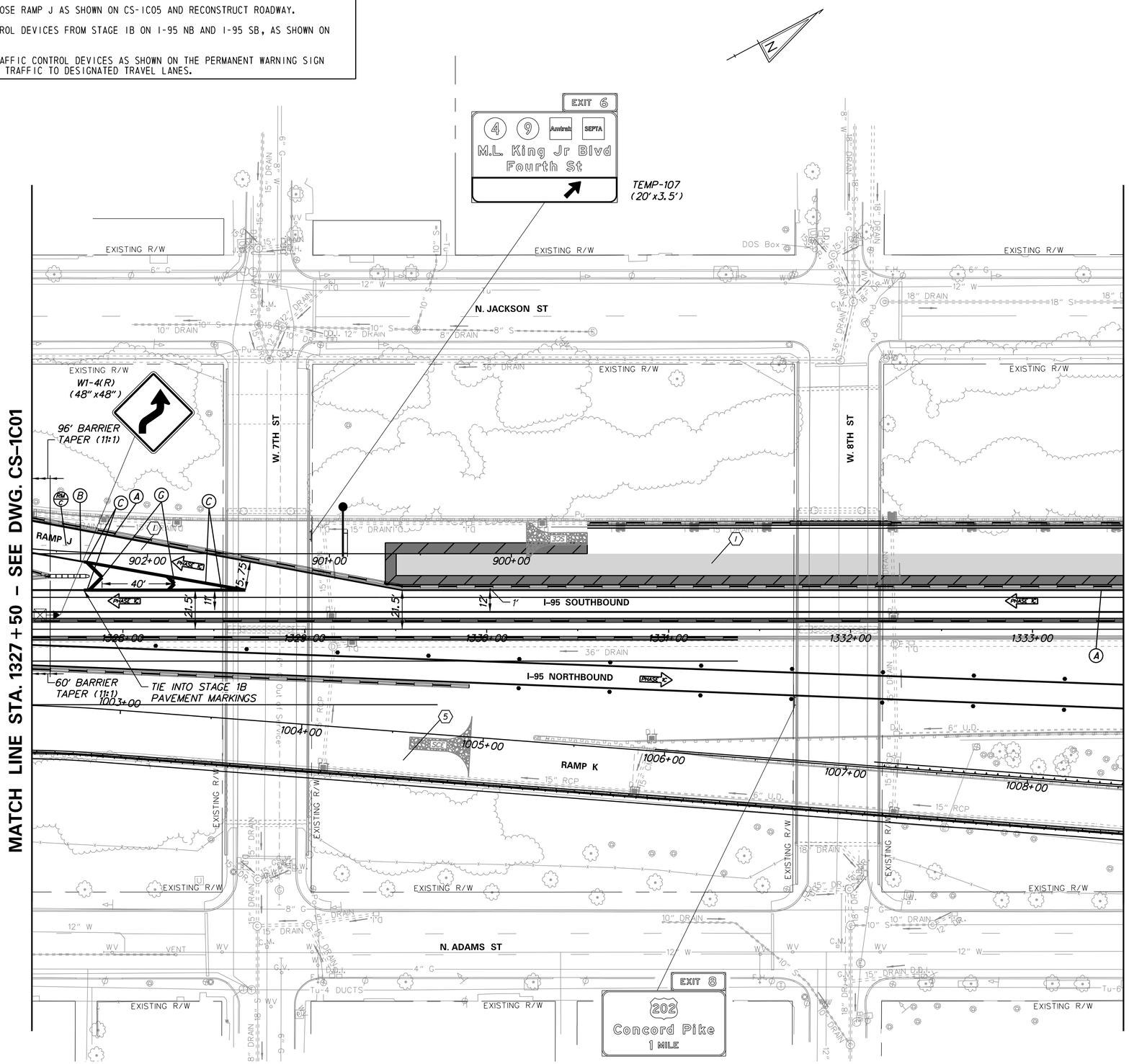
TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:
1. SEE CS-1C06 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE IC

1. DURING ALLOWABLE WORK HOURS, CLOSE RAMP J AS SHOWN ON CS-1C05 AND RECONSTRUCT ROADWAY.
2. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE IB ON I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
3. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IC PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1C

CS-1C02
SHEET NO. 3-118
TOTAL SHTS. 3-420

N:\31987-00\CAD\Traffic\CS1C02.dgn 2/12/2018 9:14:09 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

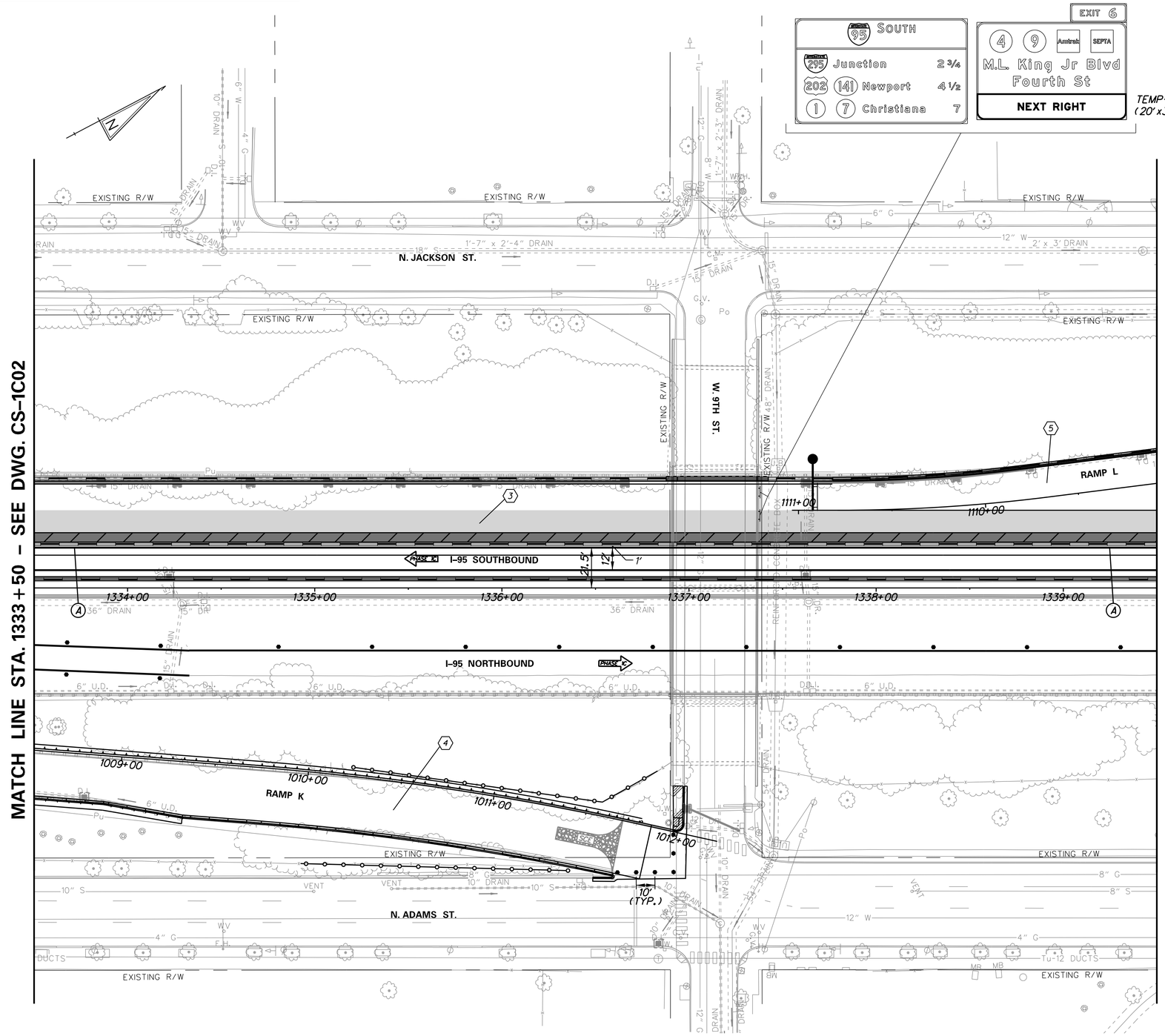
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE IC

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE IB ON I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IC PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT ROADWAY.
4. MAINTAIN CLOSURE OF RAMP K AND DETOUR TRAFFIC.
5. MAINTAIN CLOSURE OF RAMP L AND DETOUR TRAFFIC.

NOTES:
1. SEE CS-1C06 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1C

CS-1C03
SHEET NO. 3-119
TOTAL SHTS. 3-420

N:\31987-004\C&D\Traffic\CS1C03.dgn
2/17/2016 9:41:12 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

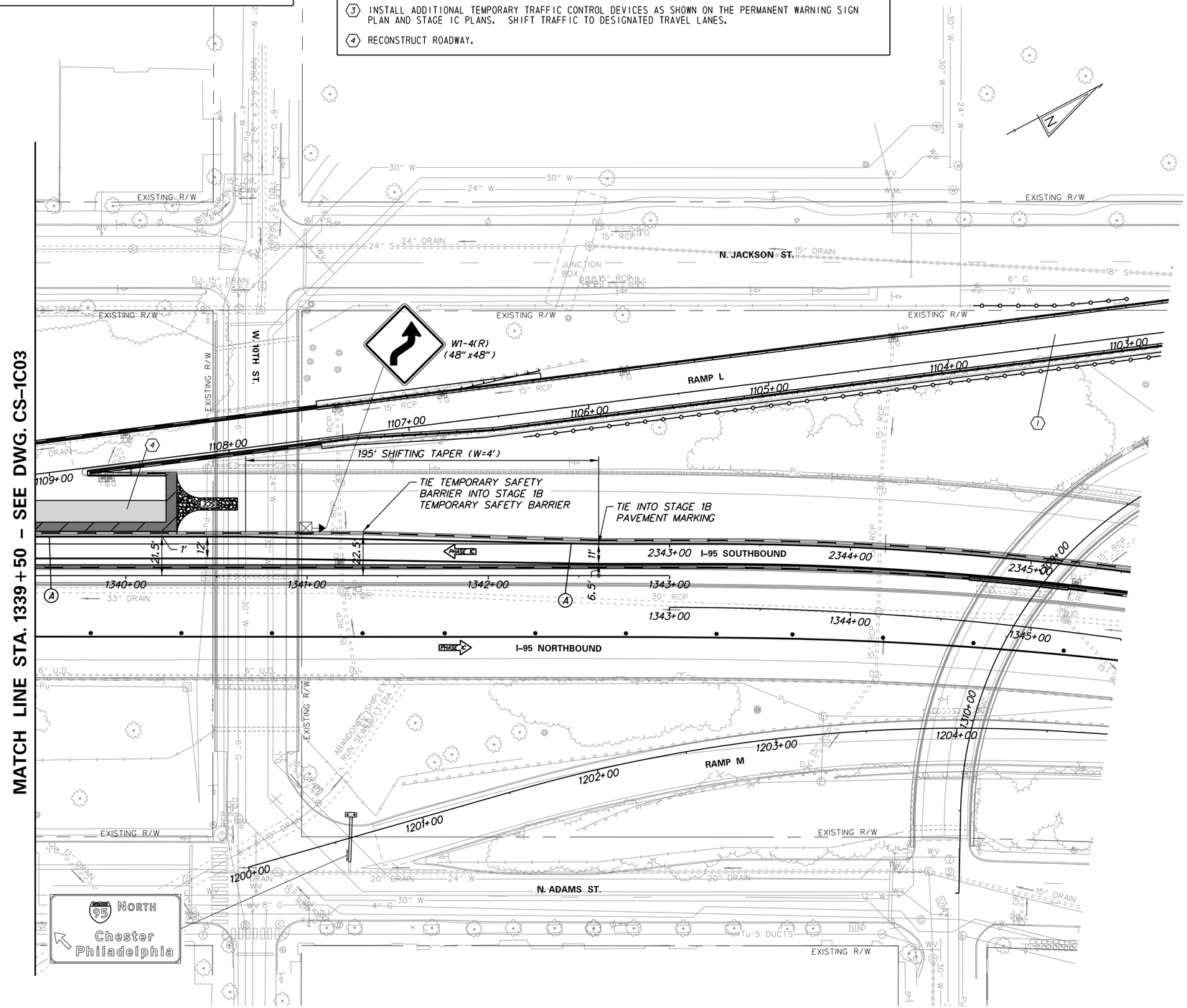
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-1C06 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE IC

1. MAINTAIN CLOSURE OF RAMP L AND DETOUR TRAFFIC.
2. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE IB ON I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
3. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE IC PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
4. RECONSTRUCT ROADWAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1C

CS-1C04 | SHEET NO. 3-120 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS1C04.dgn 2/11/2018 9:14:13 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVING LEGEND

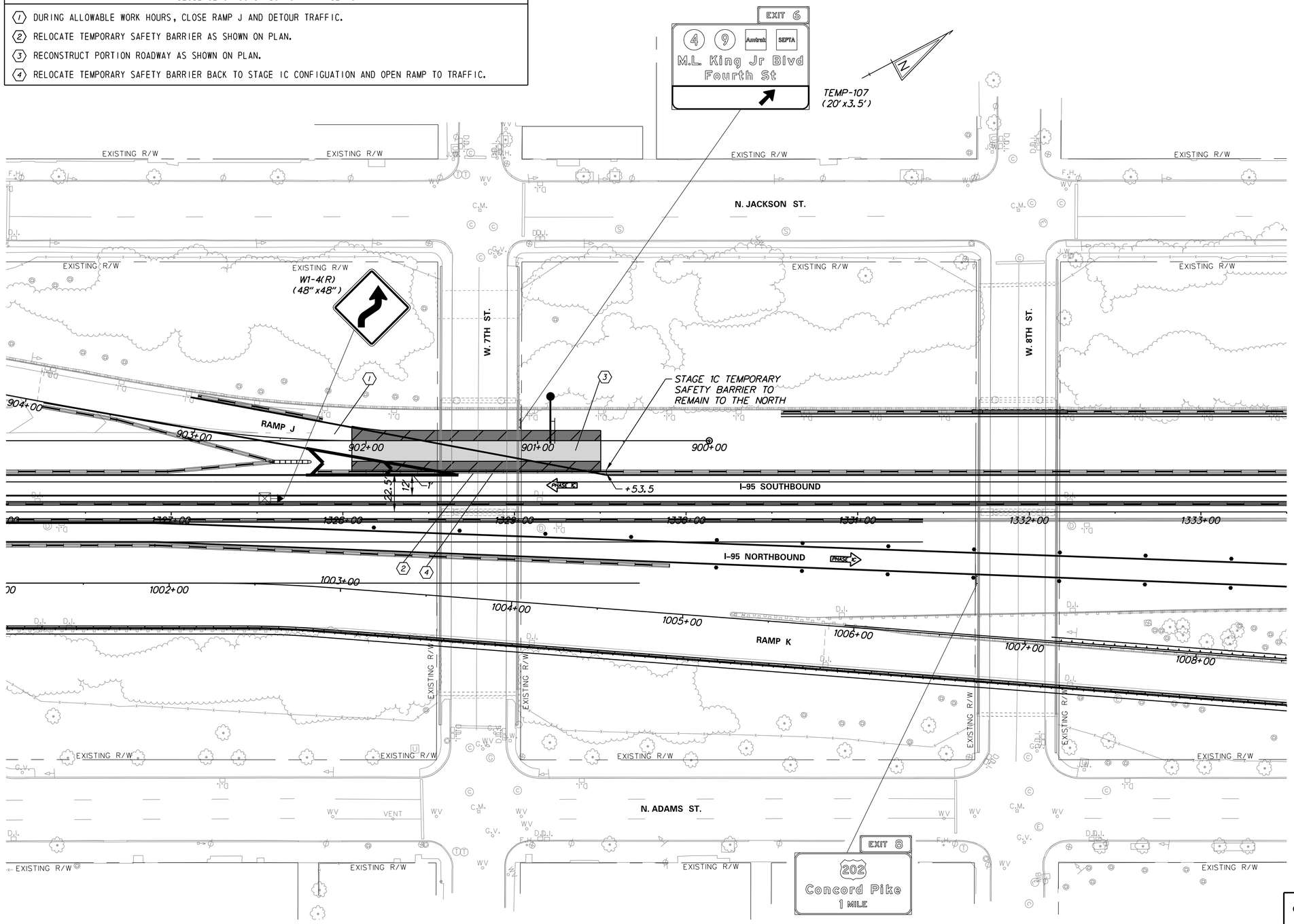
- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 1C

1. DURING ALLOWABLE WORK HOURS, CLOSE RAMP J AND DETOUR TRAFFIC.
2. RELOCATE TEMPORARY SAFETY BARRIER AS SHOWN ON PLAN.
3. RECONSTRUCT PORTION ROADWAY AS SHOWN ON PLAN.
4. RELOCATE TEMPORARY SAFETY BARRIER BACK TO STAGE 1C CONFIGUATION AND OPEN RAMP TO TRAFFIC.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

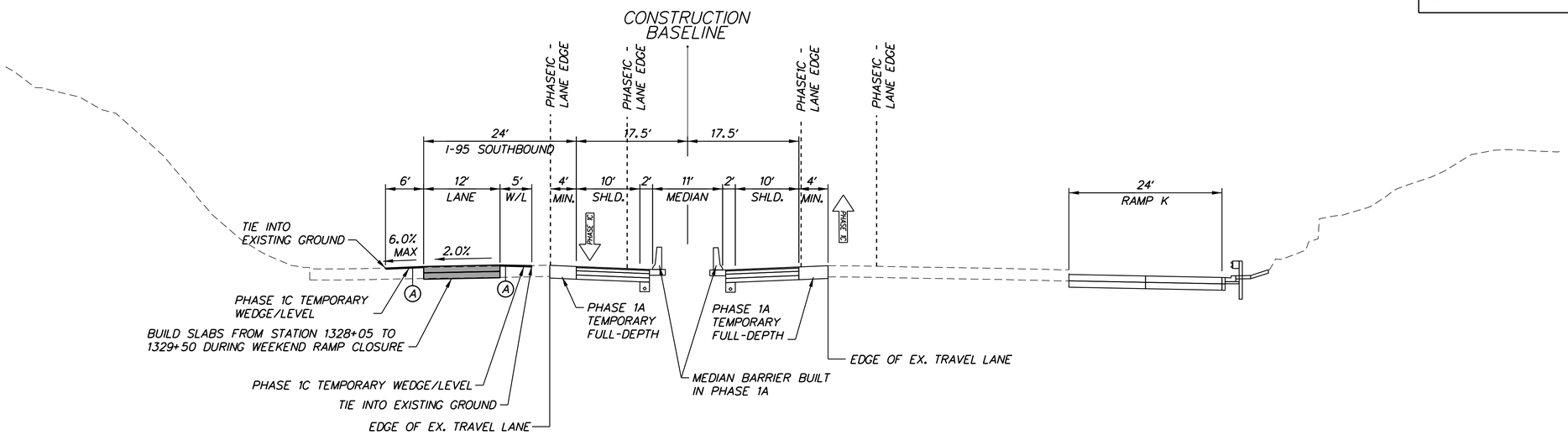
CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1C

CS-1C05
SHEET NO. 3-121
TOTAL SHTS. 3-420

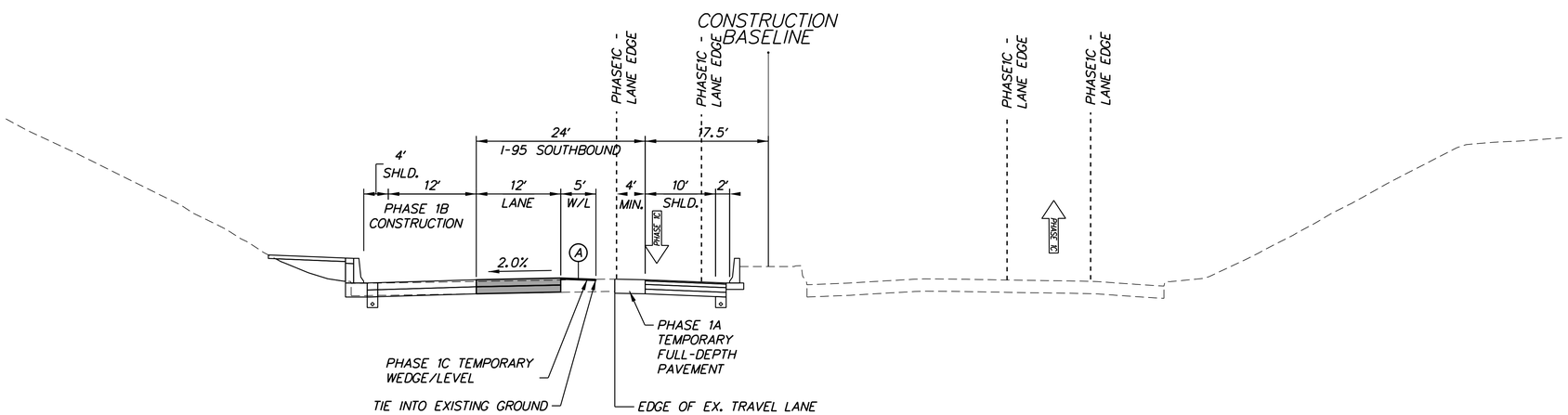
N:\31987-004\C&D\Traffic\CS1C05.dgn
2/17/2016 9:41:14 AM

LEGEND

- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



I–95 PHASE 1C
STATION 1329+50 TO STATION 1330+55
WEEKEND CLOSURE FROM STATION 1328+05 TO STATION 1329+50



I–95 PHASE 1C
STATION 1330+55 TO STATION 1340+22

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

CS–1C06

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	M.O.T. TYPICAL SECTIONS	SHEET NO. 3-122
				COUNTY NEW CASTLE	DESIGNED BY: WRA		TOTAL SHTS. 3-420
					CHECKED BY: WRA		

N:\31987-004\C4D\Traffic\CS1C06_TS.dgn
2/11/2018 9:14:15 AM

CONSTRUCTION PHASING LEGEND

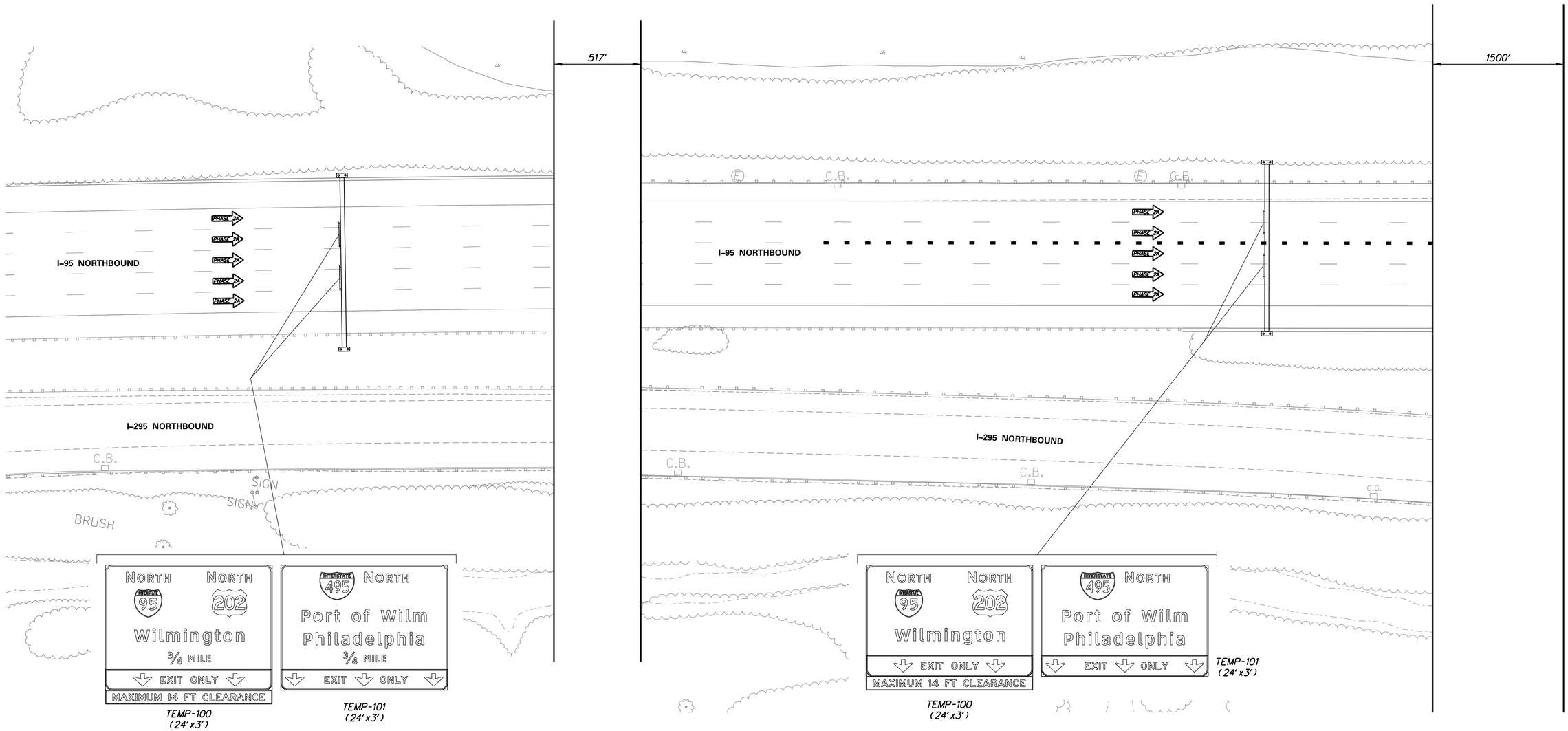
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.



N:\31987-004\C4D\Traffic\CS2A01.dgn
2/11/2018 9:14:19 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A

CS-2A01

SHEET NO. 3-123

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

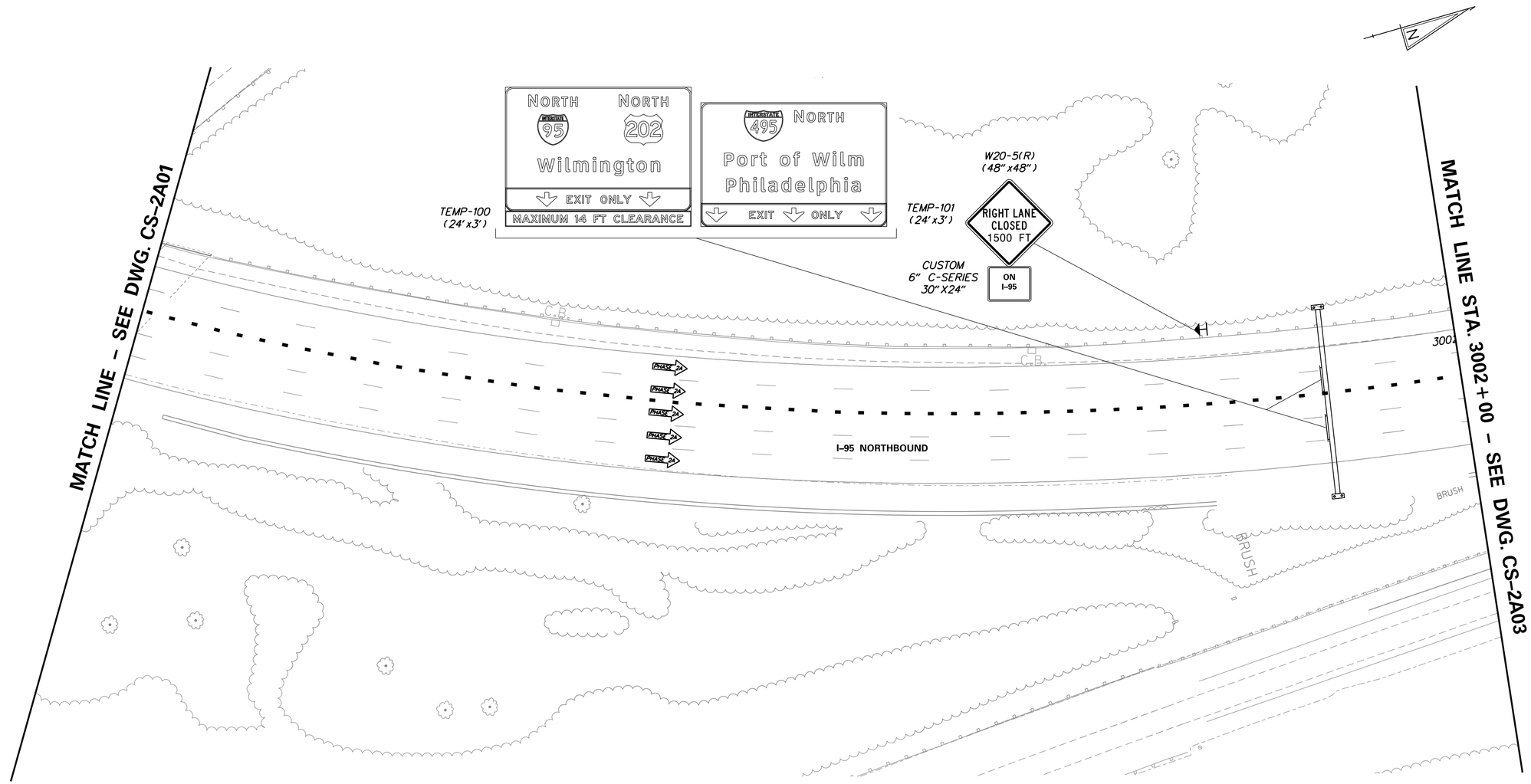
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.



N:\31987-004\CADD\Traffic\CS2A02.dgn
2/17/2016 9:14:20 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A

CS-2A02

SHEET NO.	TOTAL SHTS.
3-124	3-420

CONSTRUCTION PHASING LEGEND

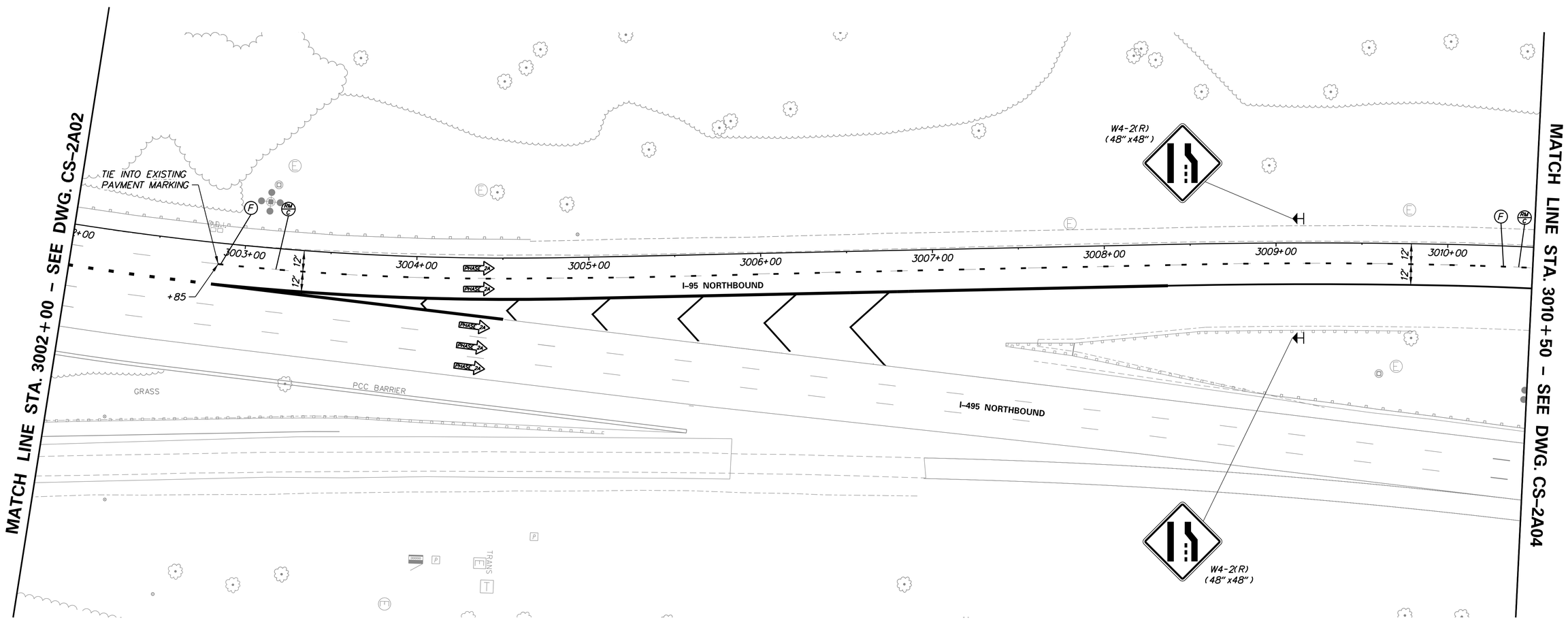
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.



N:\31987-004\CADD\Traffic\CS2A03.dgn
2/11/2019 9:14:21 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A	CS-2A03 / SHEET NO. 3-125 / TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

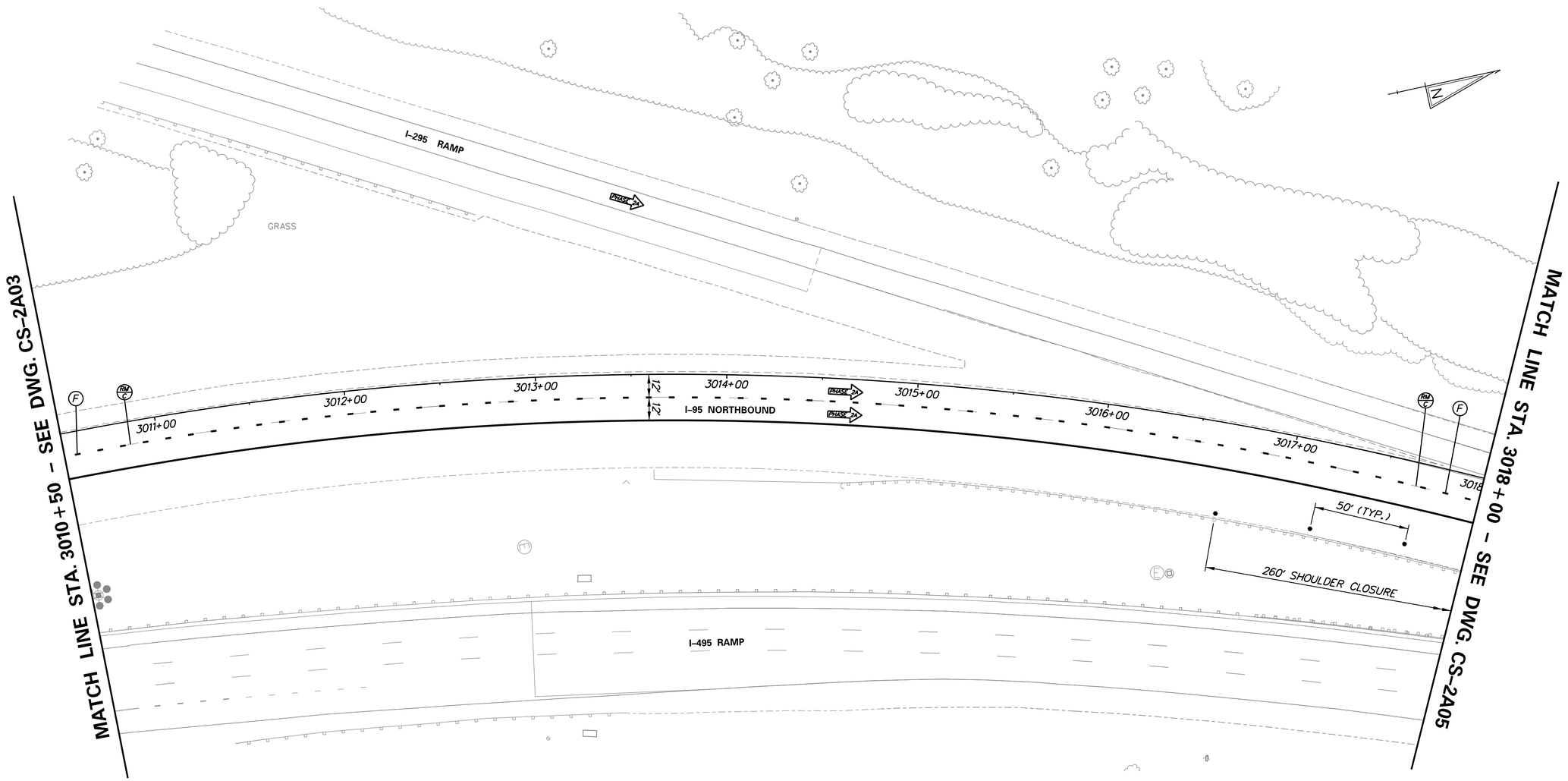
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.



N:\31987-004\C4D\Traffic\CS2A04.dgn
2/11/2018 9:14:22 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A

CS-2A04
SHEET NO. 3-126
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

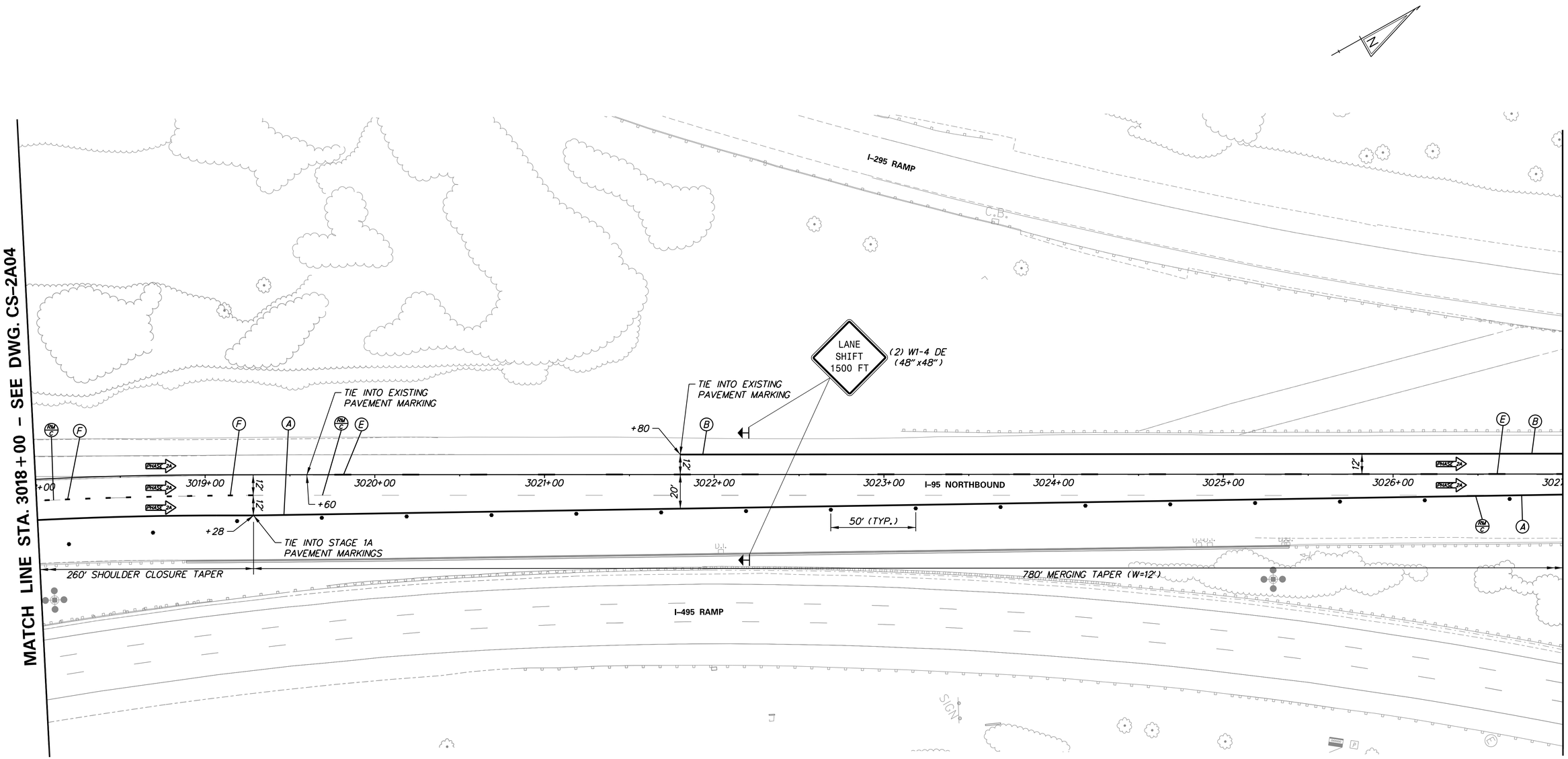
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A FOR I-95 NB, SOUTH OF STA. 3019+28, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.



N:\31987-00A\CADD\Traffic\CS2A05.dgn
2/11/2018 9:14:23 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A05

SHEET NO.	TOTAL SHTS.
3-127	3-420

CONSTRUCTION PHASING LEGEND

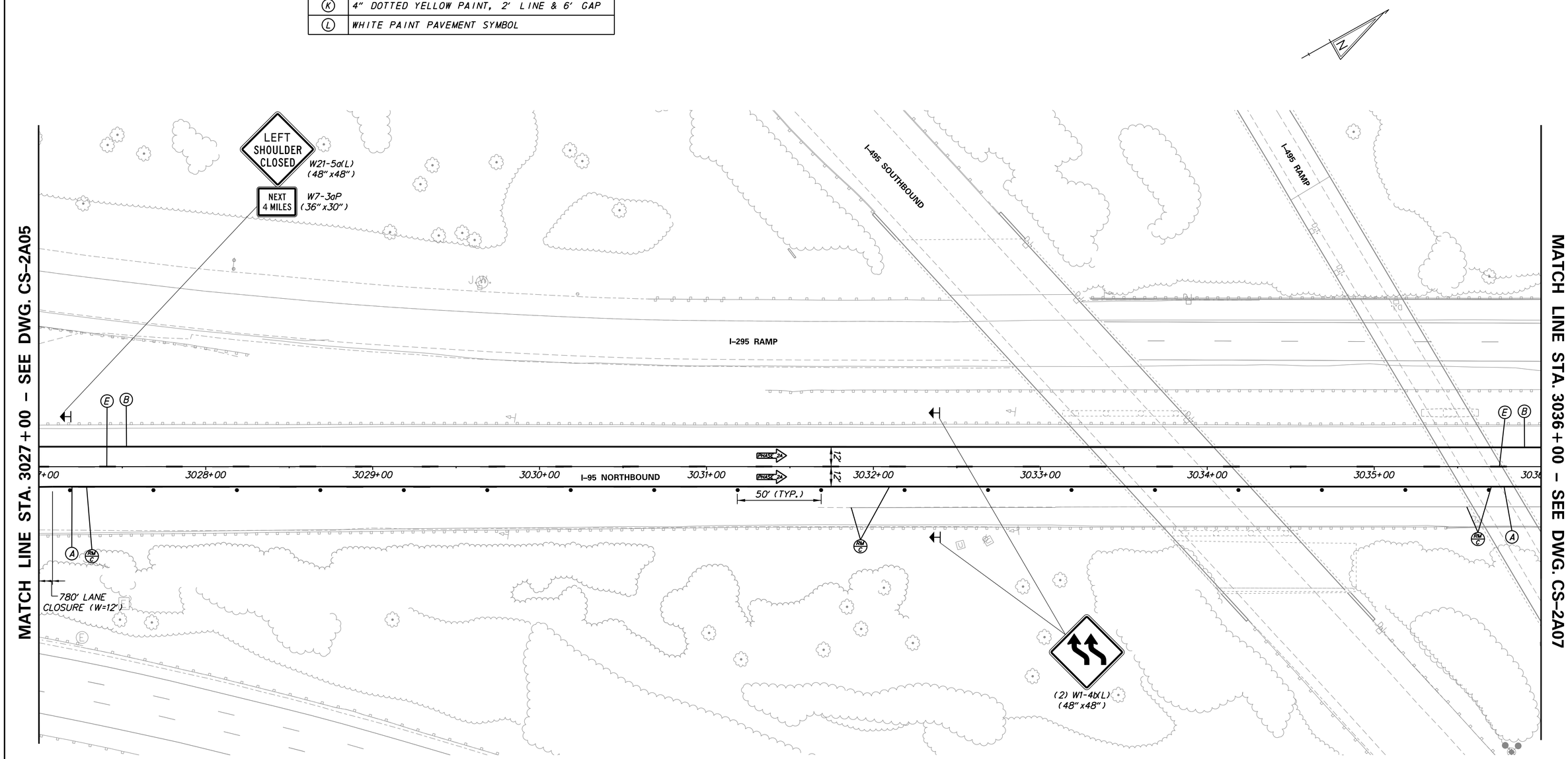
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.



N:\31987-004\CADD\Traffic\CS2A06.dgn
2/11/2016 9:14:25 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A	CS-2A06 / SHEET NO. 3-128 / TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

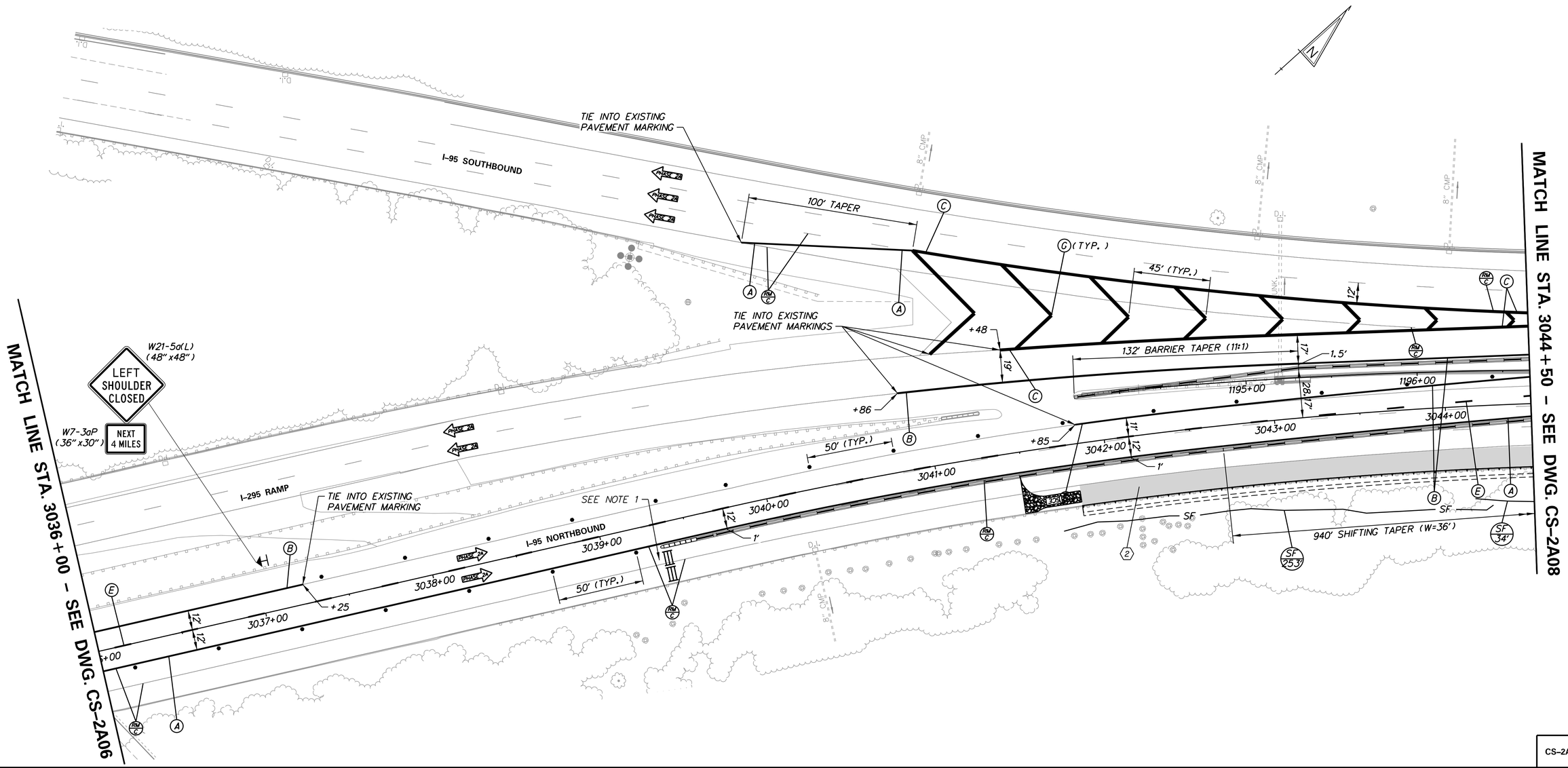
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
2. RECONSTRUCT SHOULDER.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 3039+30 AND STA. 3041+80.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 · BRIDGE NO. · COUNTY NEW CASTLE · DESIGNED BY: WRA · CHECKED BY: WRA · CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A · CS-2A07 · SHEET NO. 3-129 · TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS2A07.dgn 2/11/2019 9:14:26 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

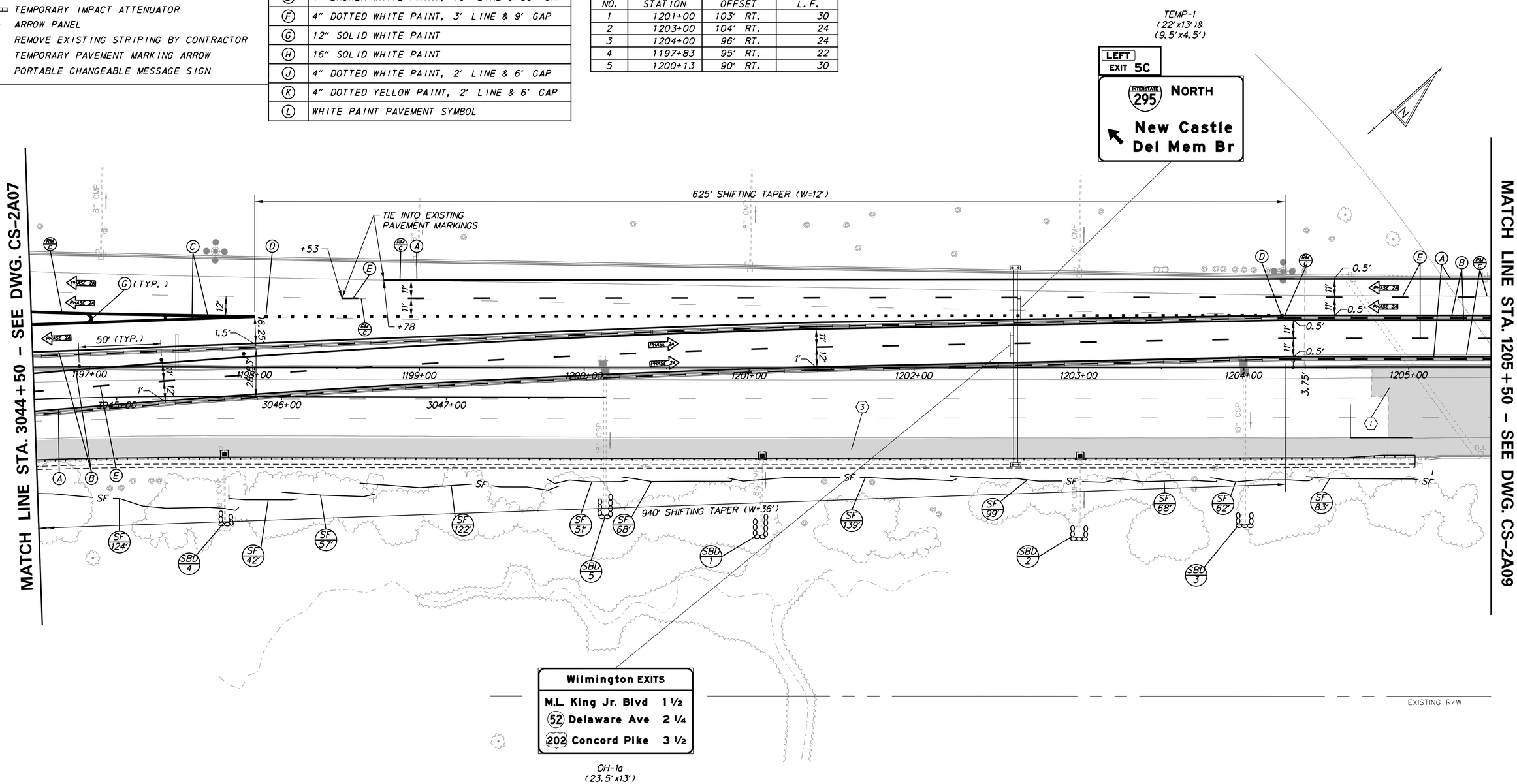
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1201+00	103' RT.	30
2	1203+00	104' RT.	24
3	1204+00	96' RT.	24
4	1197+83	95' RT.	22
5	1200+13	90' RT.	30



N:\31987-004\CADD\Traffic\CS2A08.dgn
2/11/2016 9:14:27 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A	CS-2A08
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-130
					CHECKED BY: WRA		TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

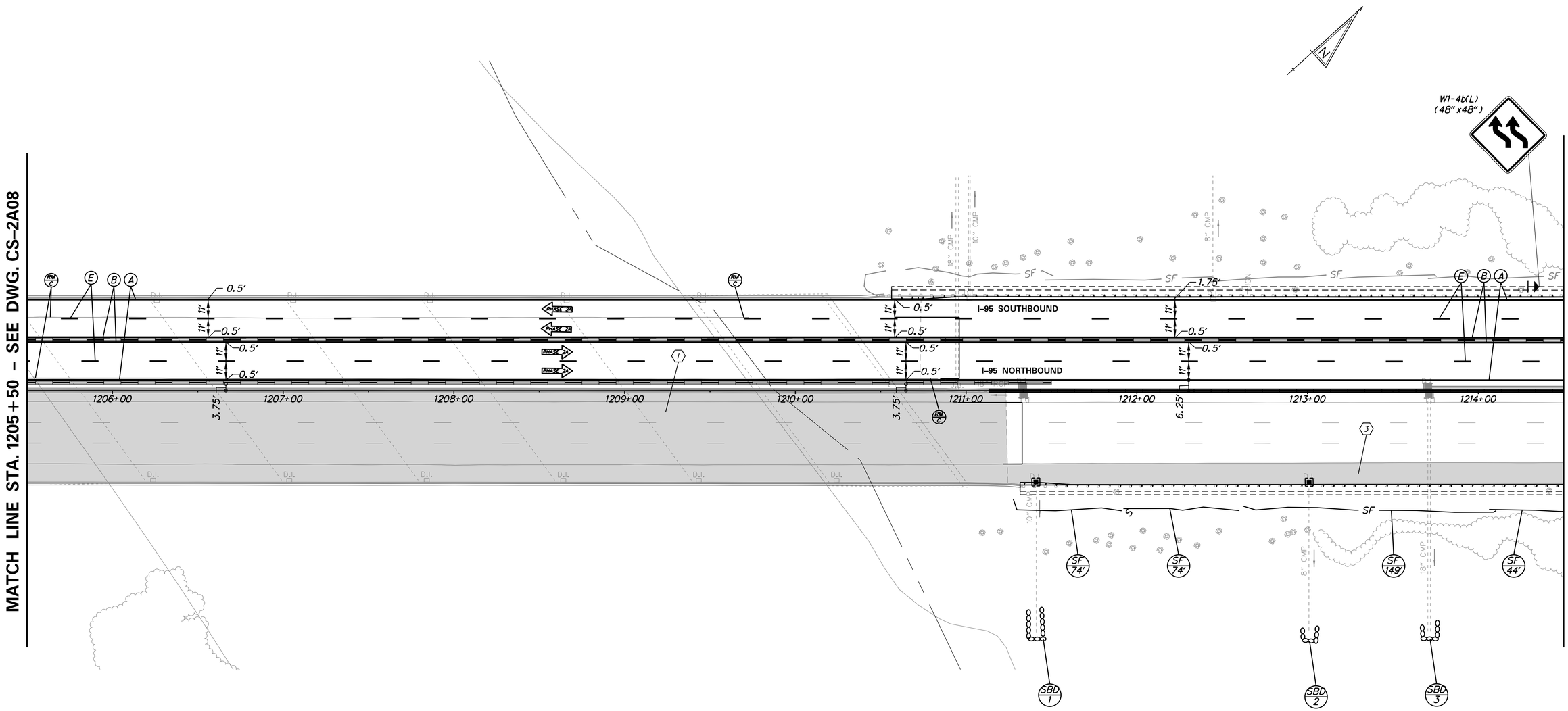
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1211+41	146' RT.	44
2	1213+01	147' RT.	25
3	1213+72	146' RT.	26



N:\31987-004\C400\Traffic\CS2A09.dgn
2/17/2016 9:42:18 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A09

SHEET NO. 3-131

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

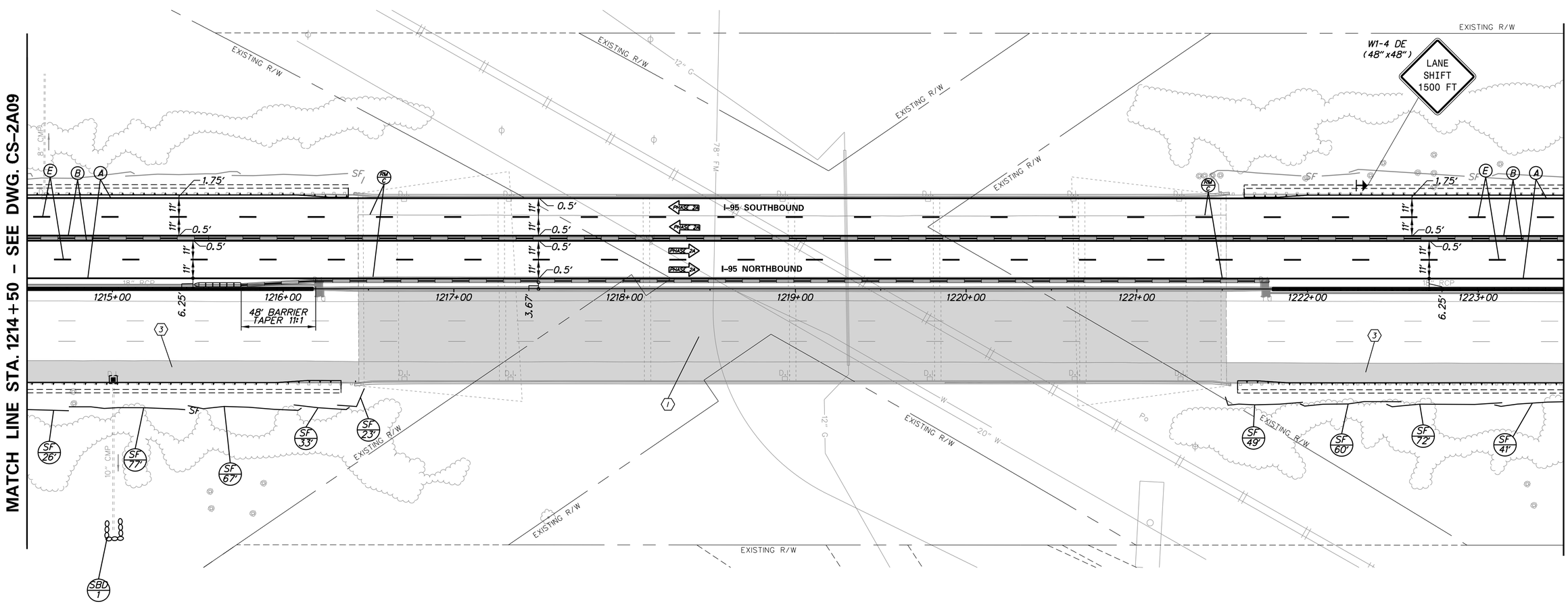
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1215+00	146' RT.	30



N:\31987-094\CADD\Traffic\CS2A10.dgn
2/11/2016 9:14:30 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A10

SHEET NO. 3-132

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

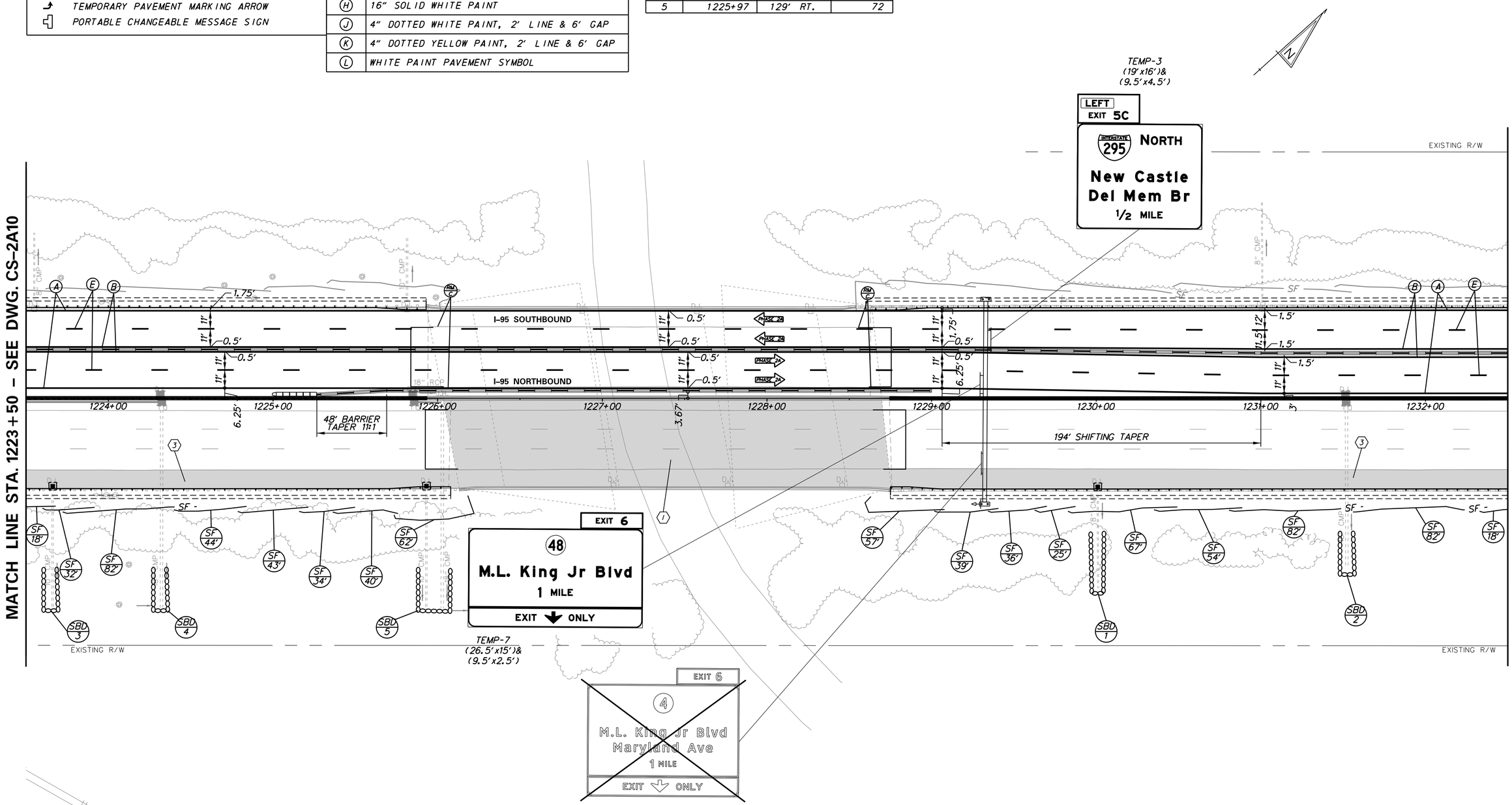
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1230+00	118' RT.	83
2	1231+52	107' RT.	61
3	1223+65	129' RT.	61
4	1224+32	129' RT.	61
5	1225+97	129' RT.	72



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A11
SHEET NO.
3-133
TOTAL SHTS.
3-420

N:\31987-004\CADD\Traffic\CS2A11.dgn
2/11/2018 9:14:31 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

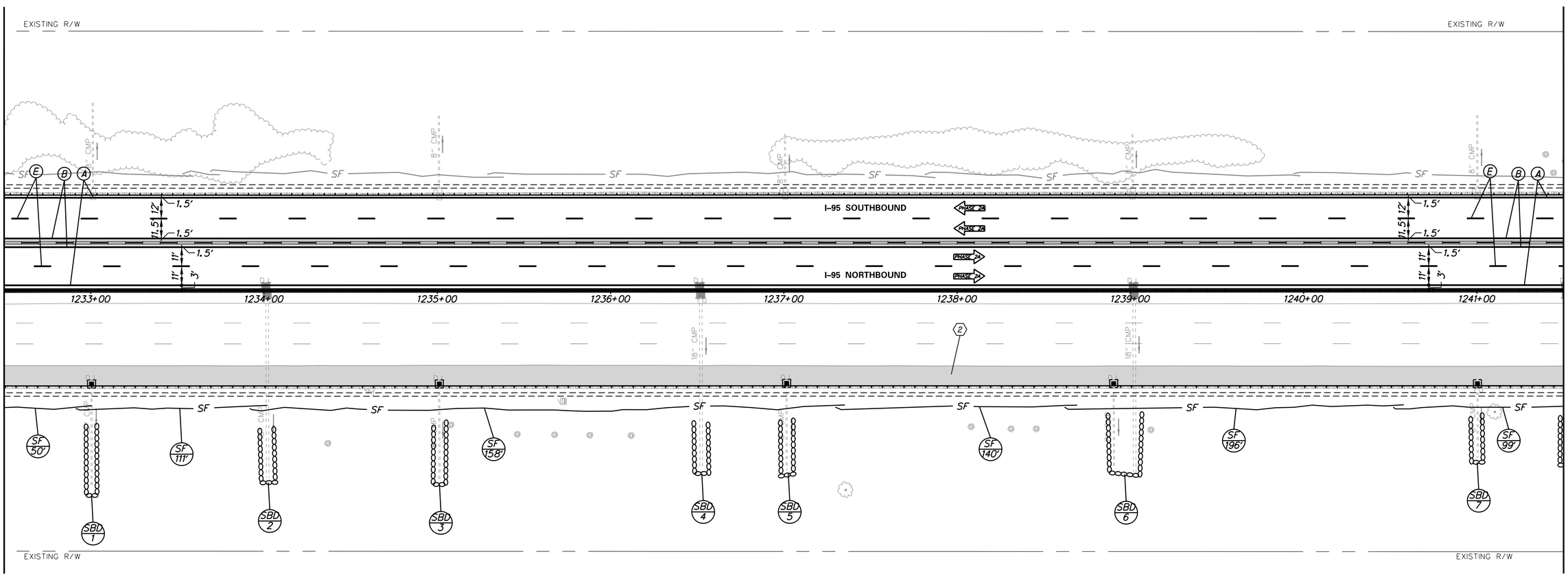
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
2. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1233+00	118' RT.	89
2	1234+00	111' RT.	72
3	1235+00	112' RT.	77
4	1236+50	106' RT.	69
5	1237+00	106' RT.	72
6	1238+97	106' RT.	88
7	1241+00	99' RT.	60



N:\31987-094\CADD\Traffic\CS2A12.dgn
2/11/2016 9:14:32 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS–2A12

SHEET NO. 3-134

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

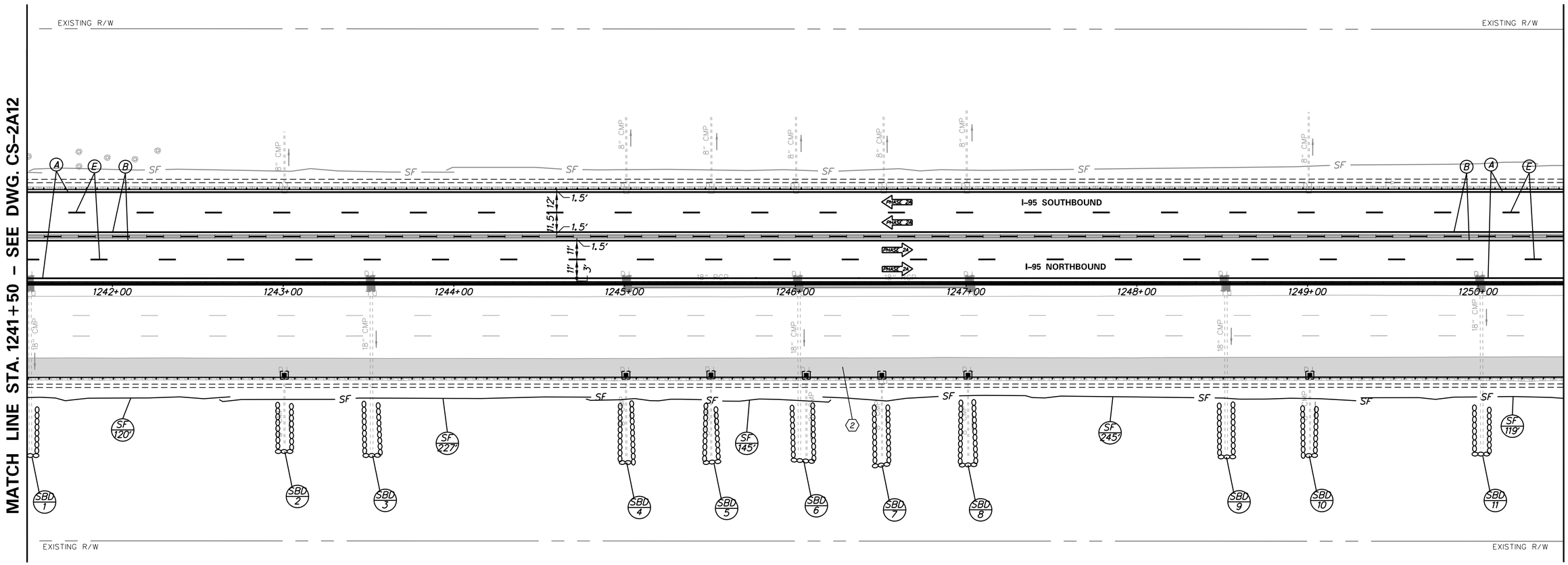
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
2. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1241+50	100' RT.	65
2	1243+00	98' RT.	65
3	1243+52	100' RT.	73
4	1245+00	105' RT.	78
5	1245+50	105' RT.	76
6	1246+04	104' RT.	77
7	1246+50	106' RT.	79
8	1247+00	106' RT.	84
9	1248+01	102' RT.	71
10	1249+00	101' RT.	67
11	1249+52	100' RT.	66



N:\31987-004\CADD\Traffic\CS2A13.dgn
2/11/2016 9:14:33 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS–2A13

SHEET NO. 3-135

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

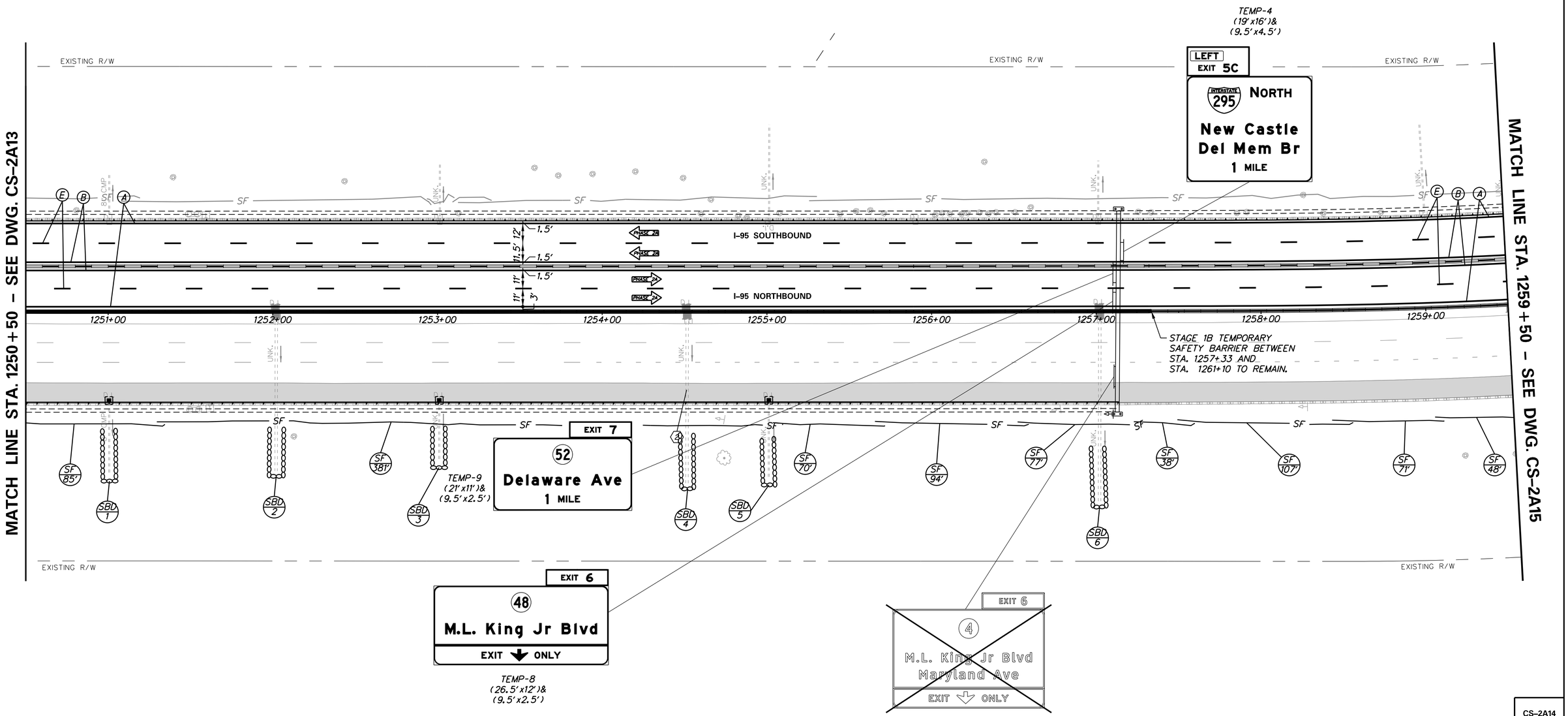
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
2. RECONSTRUCT SHOULDER.

SANDBAG DIVERSION (SBD)

NO.	STATION	OFFSET	L.F.
1	1251+00	103' RT.	71
2	1252+00	100' RT.	68
3	1253+00	95' RT.	57
4	1254+52	108' RT.	75
5	1255+00	105' RT.	65
6	1257+03	119' RT.	82



N:\31987-004\CADD\Traffic\CS2A14.dgn
2/11/2018 9:14:34 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A14

SHEET NO. 3-136

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

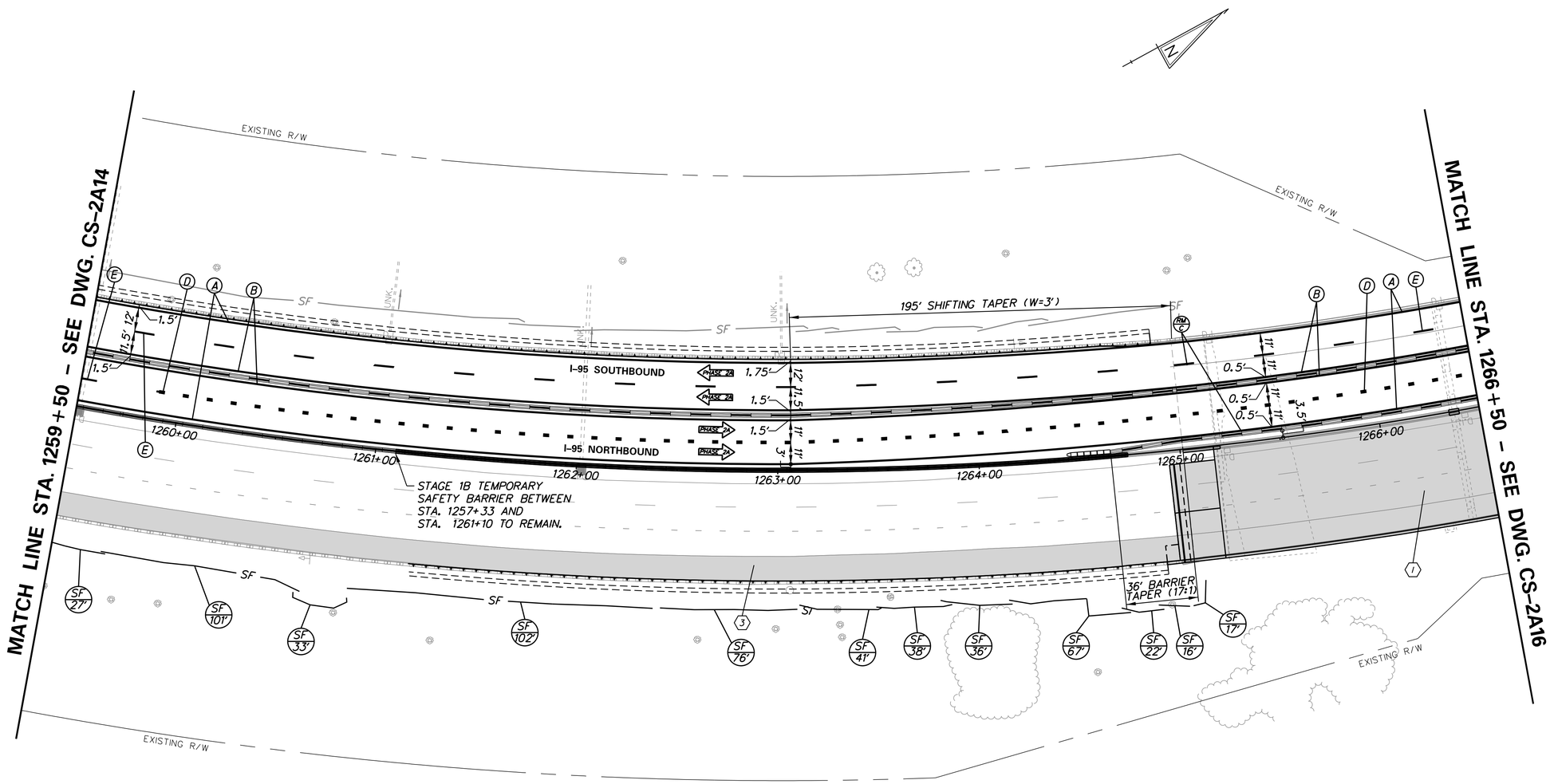
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A15
SHEET NO. 3-137
TOTAL SHTS. 3-420

N:\31987-004\C-00\Traffic\CS2A15.dgn
2/7/2018 9:45:16 AM

CONSTRUCTION PHASING LEGEND

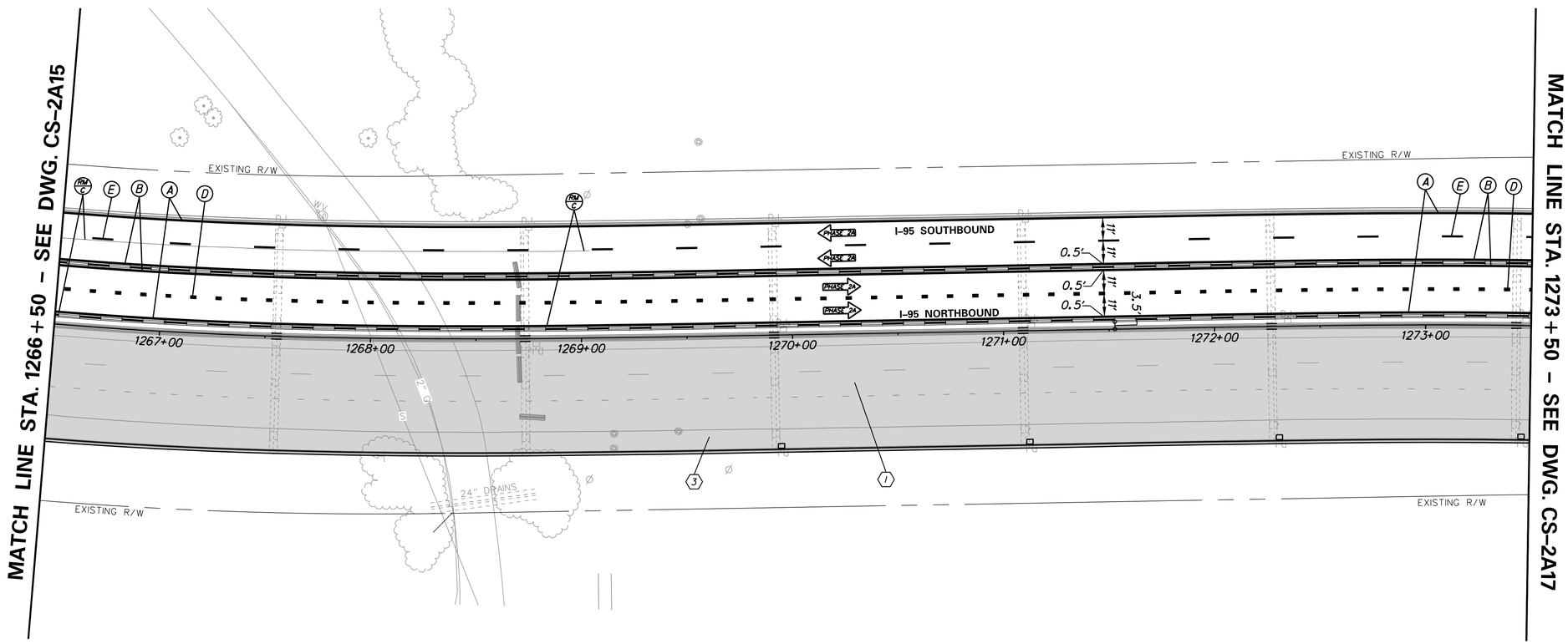
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.



N:\31987-004\CADD\Traffic\CS2A16.dgn
2/11/2018 9:14:37 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A16
SHEET NO.
3-138
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

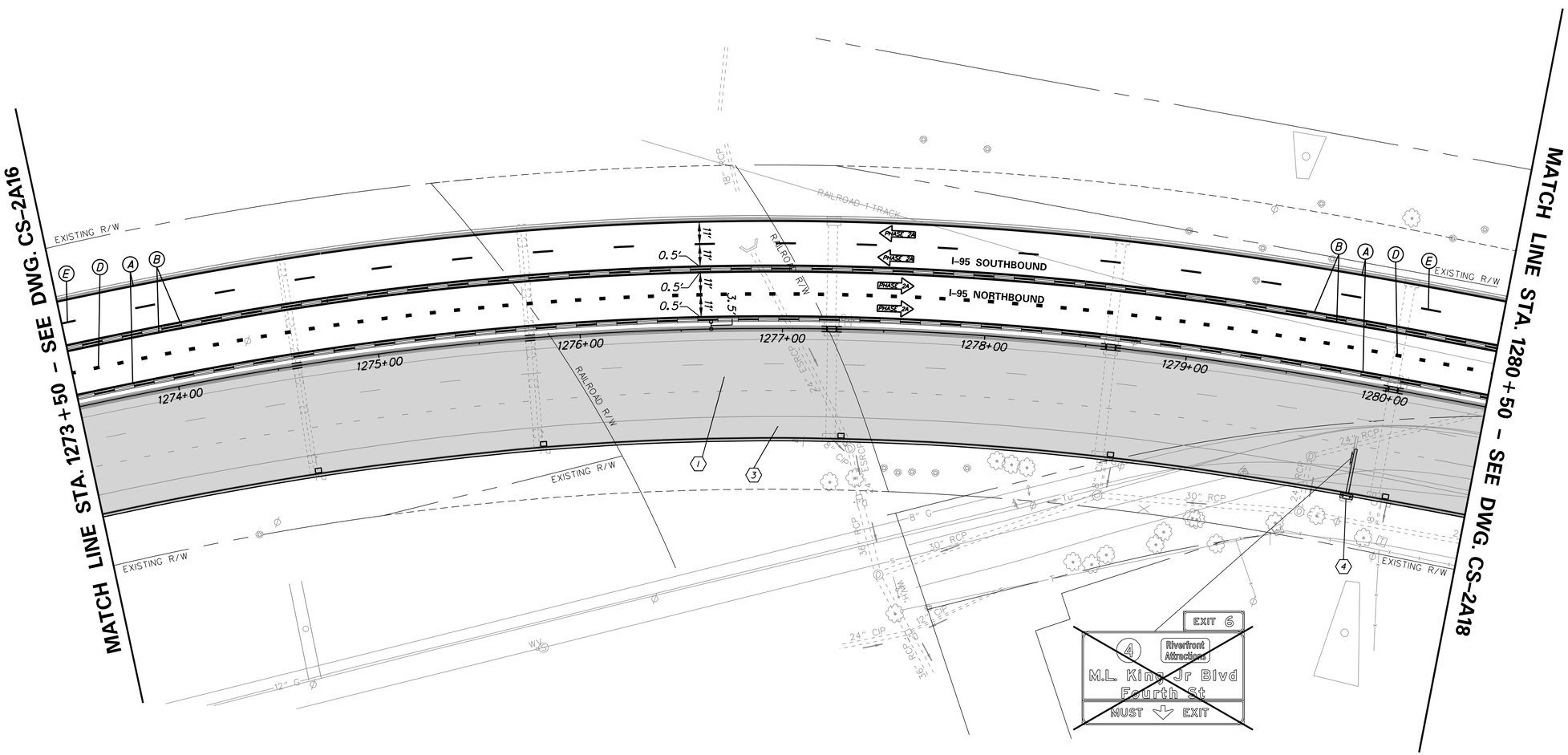
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.
4. REMOVE EXISTING CANTILEVER SIGN STRUCTURE.



N:\31987-004\CADD\Traffic\CS2A17.dgn
2/11/2016 9:14:38 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A17

SHEET NO. 3-139

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

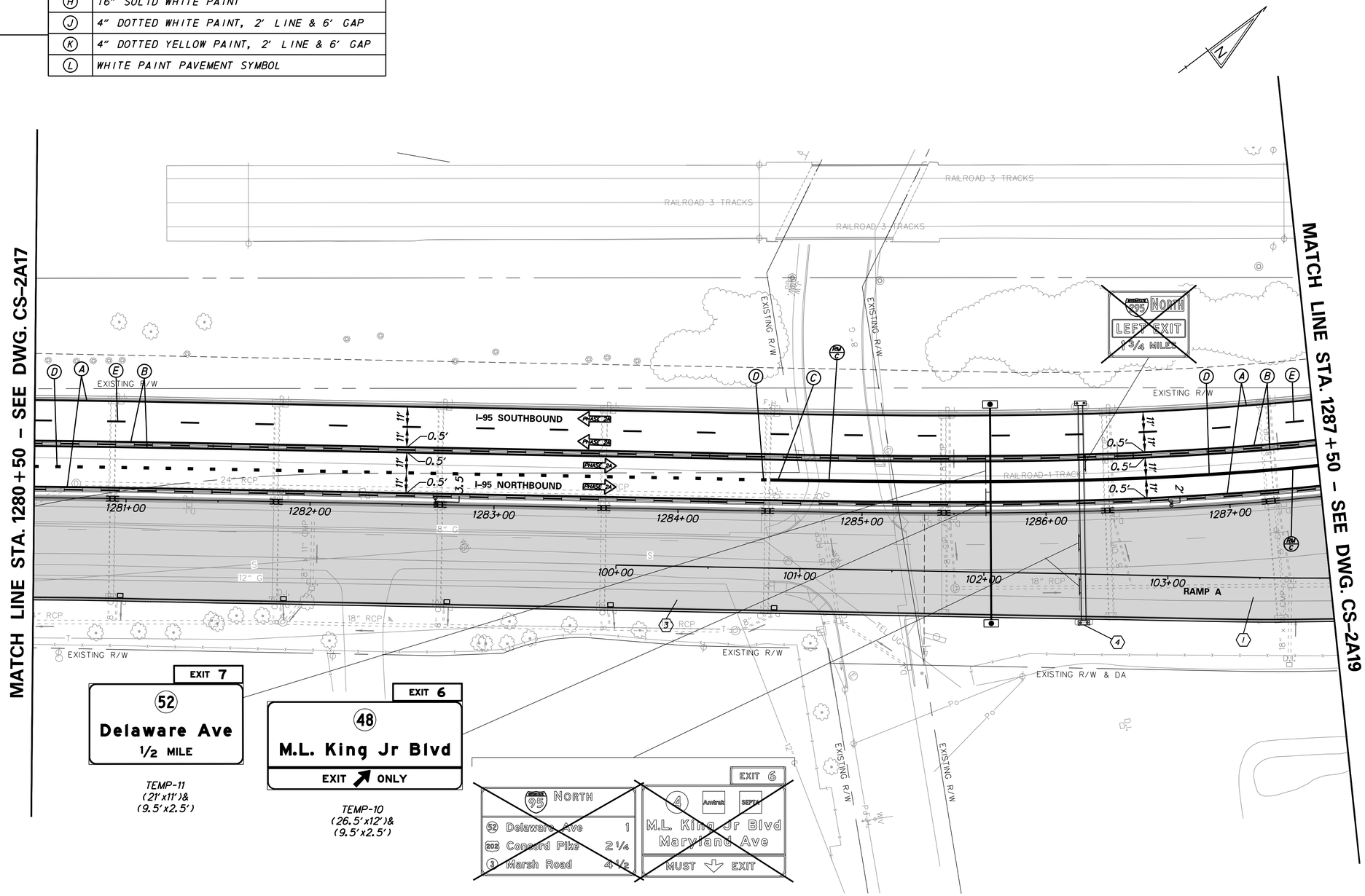
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. CLOSE RAMP A AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION, DECK OVERLAY, AND RECONSTRUCT ROADWAY.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
3. RECONSTRUCT SHOULDER.
4. REMOVE EXISTING OVERHEAD SIGN STRUCTURE.



DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	
COUNTY	DESIGNED BY: WRA
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A18
SHEET NO.
3-140
TOTAL SHTS.
3-420

N:\31987-004\CAD\Traffic\CS2A18.dgn
2/7/2018 9:41:39 AM

CONSTRUCTION PHASING LEGEND

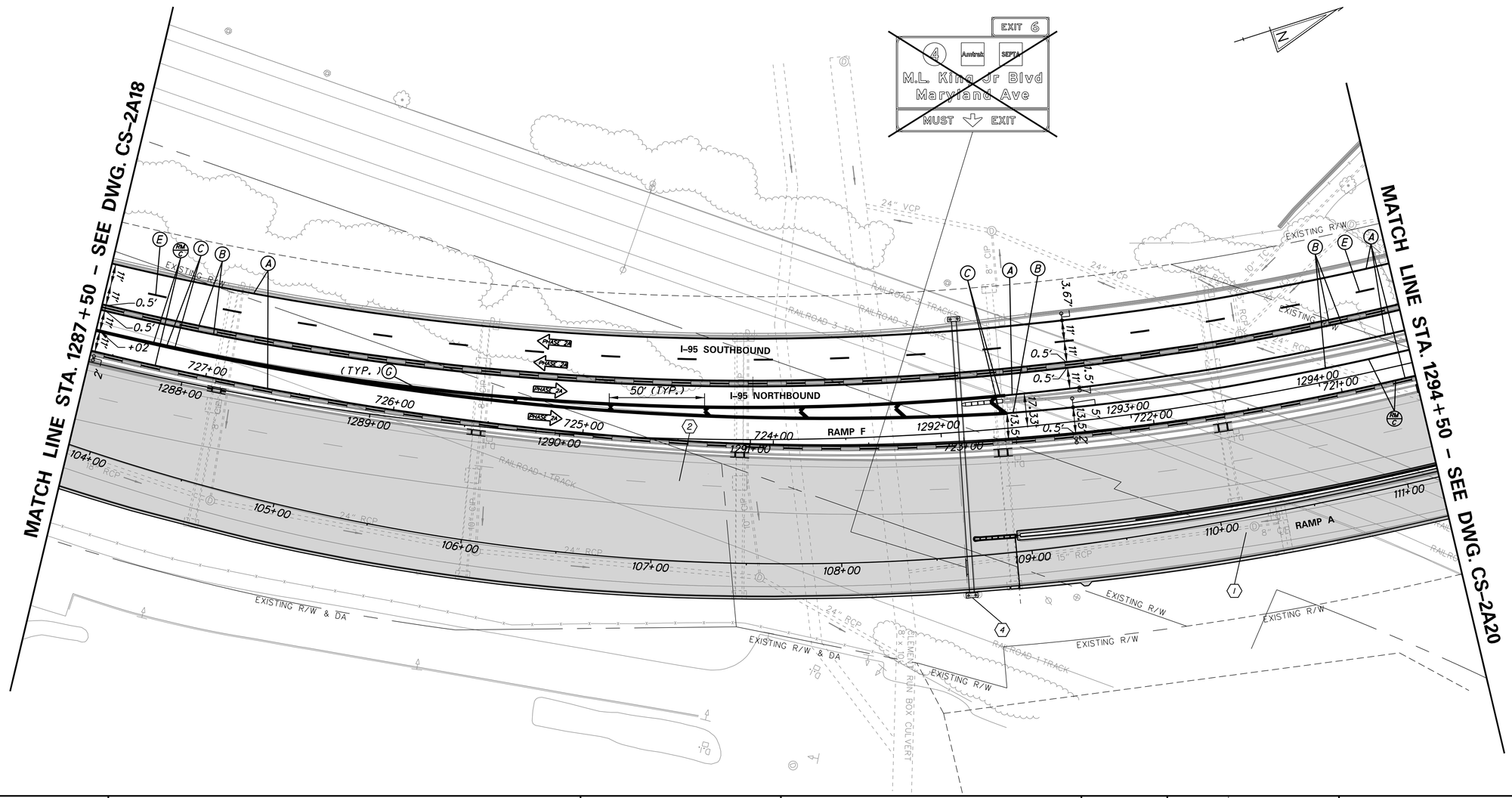
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. CLOSE RAMP A AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION, DECK OVERLAY, AND RECONSTRUCT ROADWAY.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION, DECK OVERLAY, AND RECONSTRUCT ROADWAY.
3. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
4. REMOVE EXISTING OVERHEAD SIGN STRUCTURE.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A19
SHEET NO. 3-141
TOTAL SHTS. 3-420

N:\31987-004\C400\Traffic\CS2A19.dgn
2/10/2016 9:14:41 AM

CONSTRUCTION PHASING LEGEND

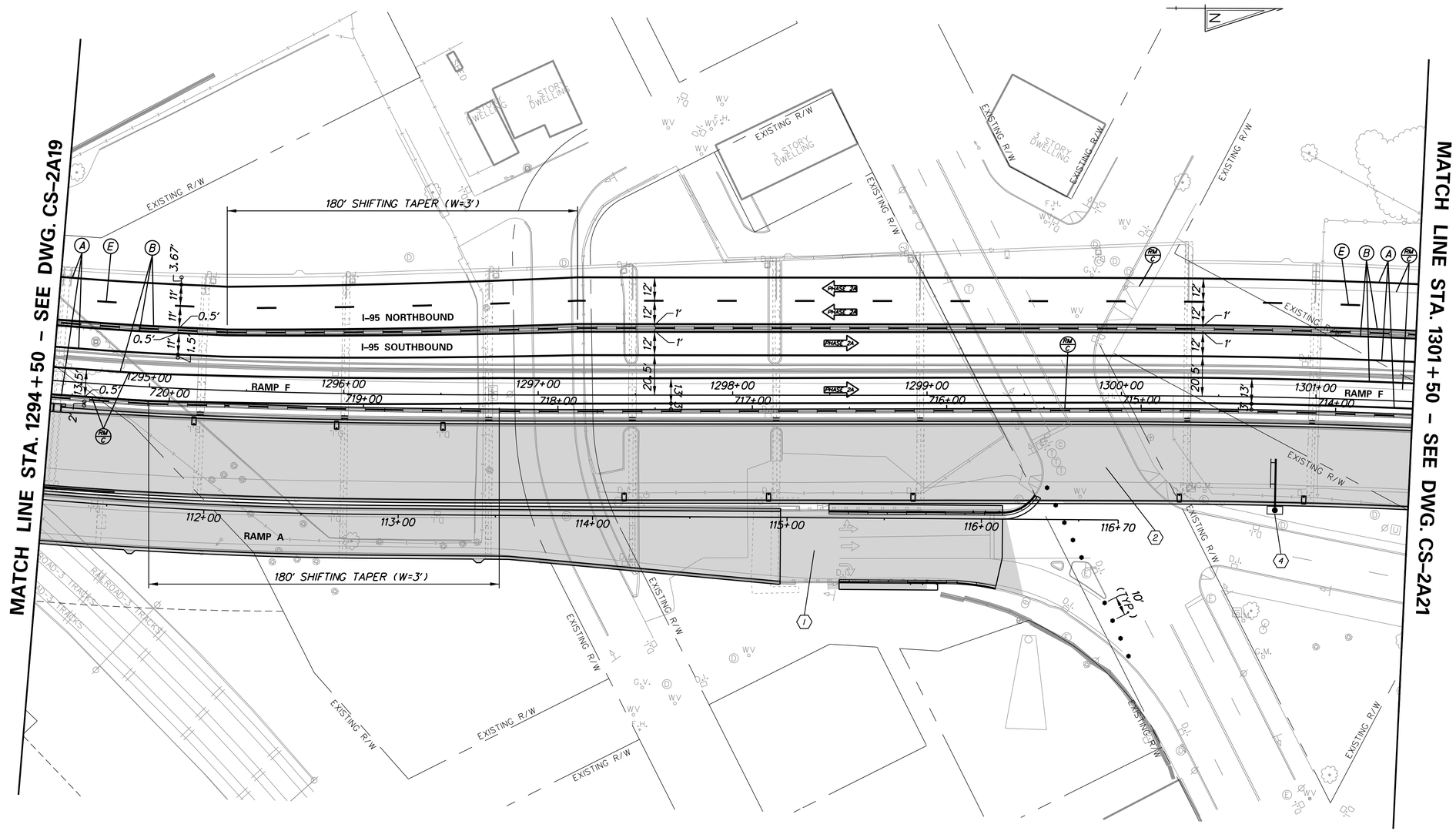
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. CLOSE RAMP A AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION, DECK OVERLAY, AND RECONSTRUCT ROADWAY.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION, DECK OVERLAY, AND RECONSTRUCT ROADWAY.
3. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS.
4. CONSTRUCT PROPOSED CANTILEVER SIGN STRUCTURE C-1.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A20

SECTION	SHEET NO.
WRA	3-142

N:\31987-004\Contract_I-95\CADD\Traffic\CS2A20.dgn
5/21/2019 9:50:07 AM

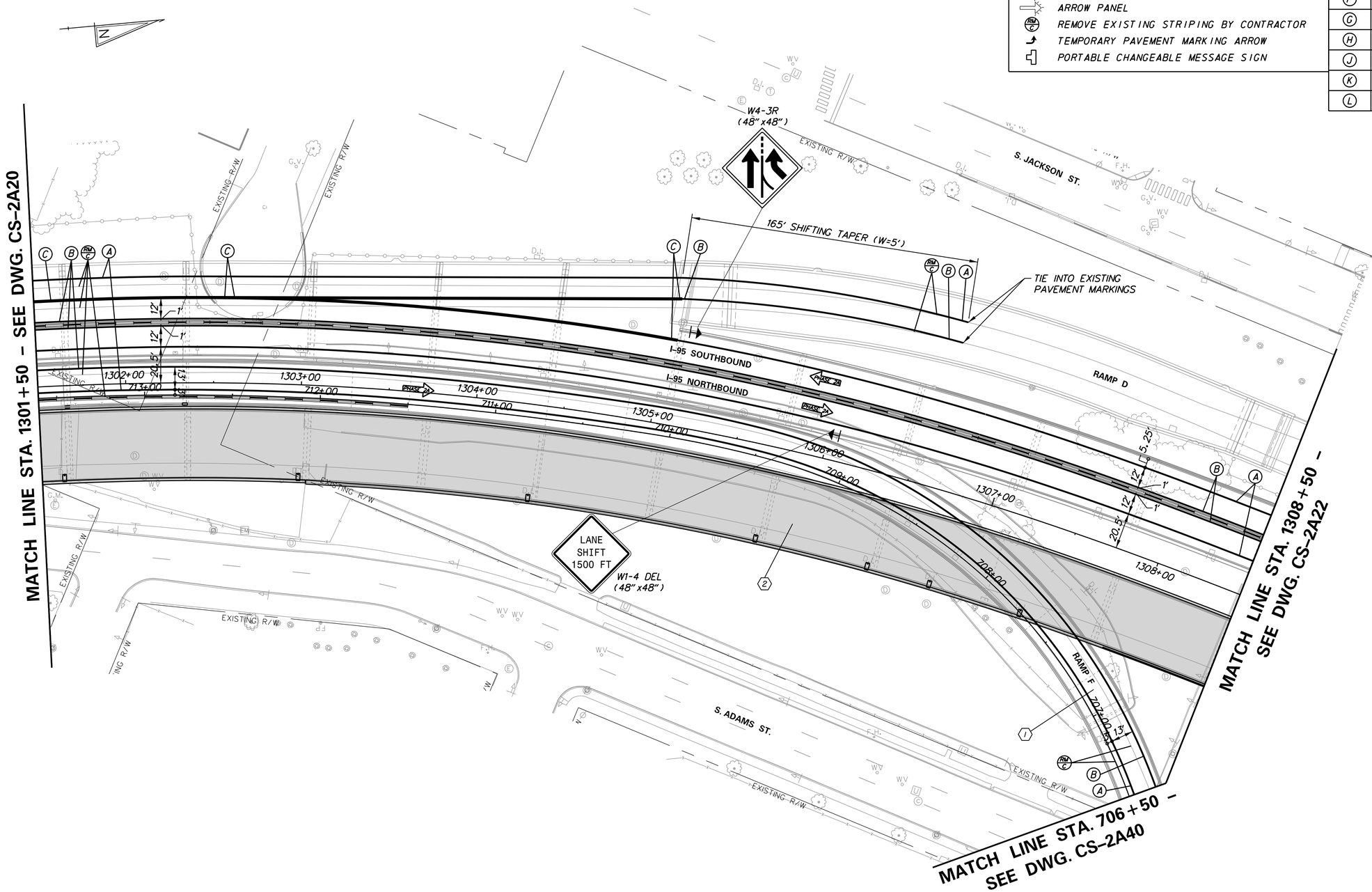
SEQUENCE OF CONSTRUCTION - PHASE 2A
(1) CLOSE RAMP E AND DETOUR TRAFFIC. SHIFT I-95 NB TRAFFIC TO MLK JR BLVD TO RAMP F.
(2) COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
(3) INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A21
SECTION
WRA
SHEET NO.
3-143

N:\31987-004\Control_I-95\CADD\Traffic\CS2A21.dgn
5/21/2019 9:50:09 AM

CONSTRUCTION PHASING LEGEND

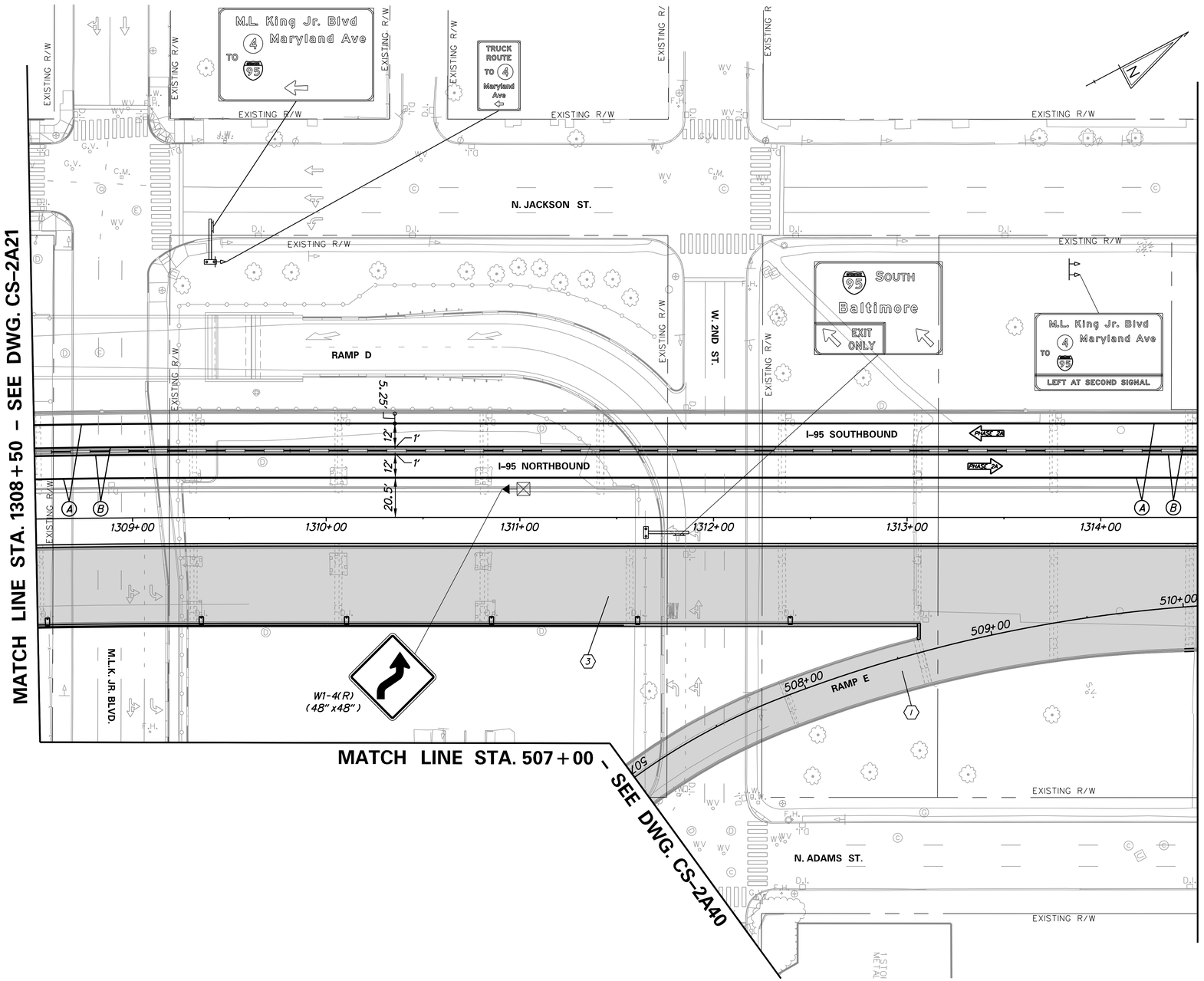
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. CLOSE RAMP E AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY ON RAMP E.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A22

SECTION	SHEET NO.
WRA	3-144

N:\31987-004\Contract_I-95\CADD\Traffic\CS2A22.dgn
5/21/2019 9:50:10 AM

CONSTRUCTION PHASING LEGEND

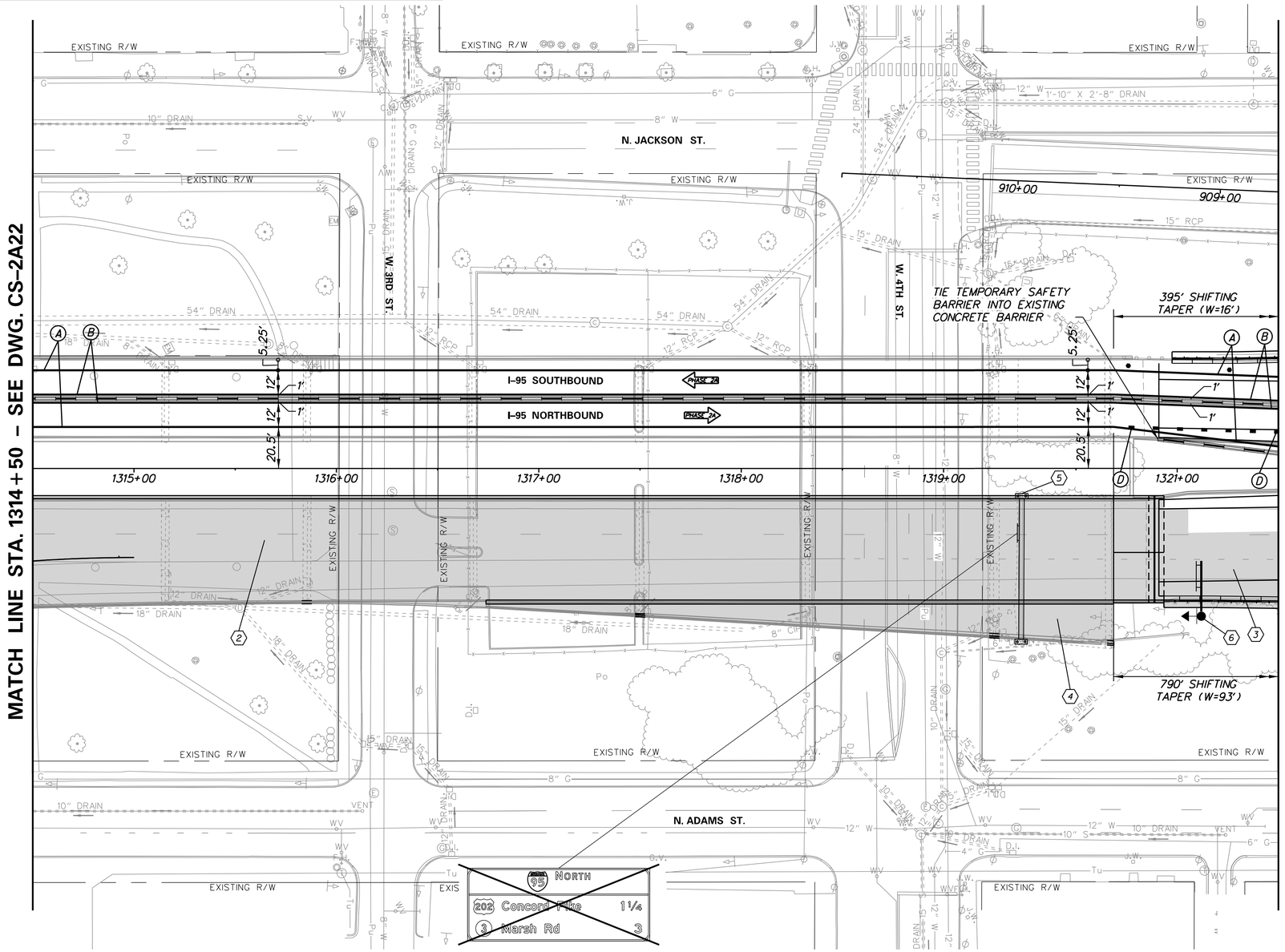
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
3. RECONSTRUCT SHOULDER AND ROADWAY.
4. RECONSTRUCT SHOULDER.
5. REMOVE EXISTING OVERHEAD SIGN STRUCTURE.
6. CONSTRUCT PROPOSED CANTILEVER SIGN STRUCTURE C-2.



N:\31987-004\CADD\Traffic\CS2A23.dgn
2/11/2019 9:14:46 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A23
SHEET NO. 3-145
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

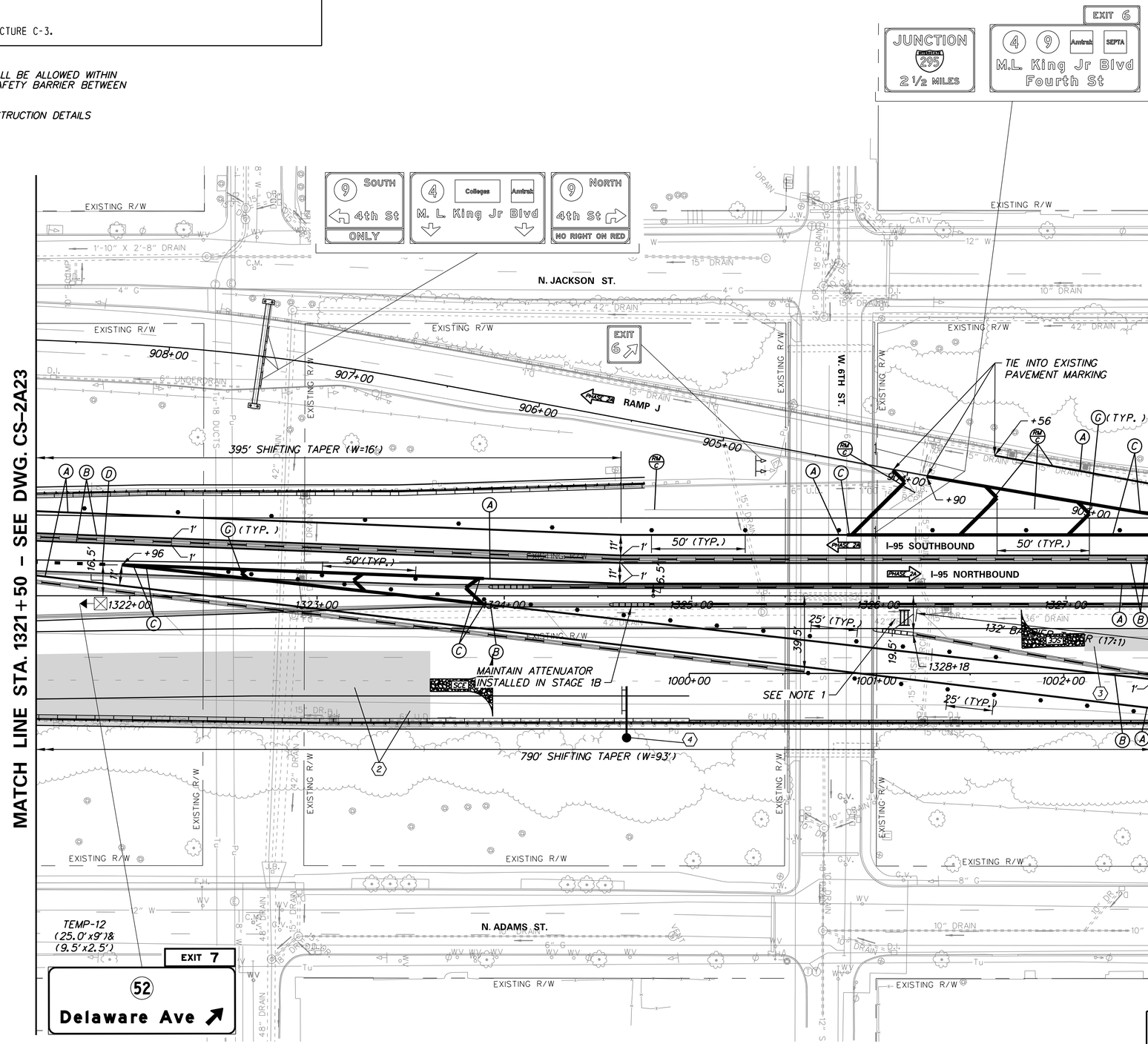
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT SHOULDER AND ROADWAY.
3. RECONSTRUCT ROADWAY.
4. CONSTRUCT PROPOSED CANTILEVER SIGN STRUCTURE C-3.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1326+00 AND STA. 1329+75.
2. SEE CS-2A43 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



N:\31987-004\CADD\Traffic\CS2A24.dgn
2/11/2019 9:14:48 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A	CS-2A24
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-146
					CHECKED BY: WRA		TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

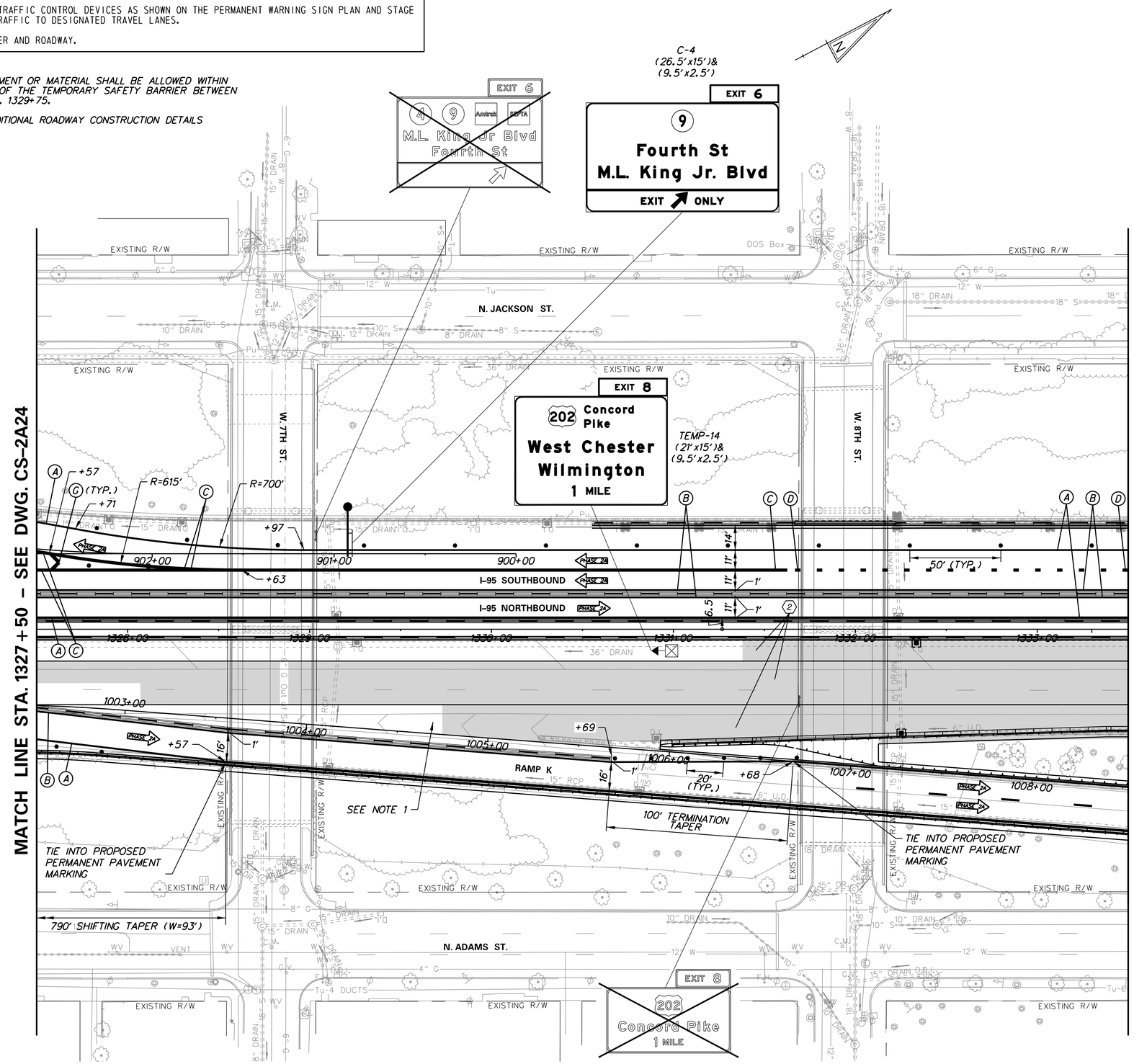
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT SHOULDER AND ROADWAY.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1326+00 AND STA. 1329+75.
2. SEE CS-2A43 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A	CS-2A25 / SHEET NO. 3-147 / TOTAL SHTS. 3-420

N:\31987-094\C4D\Traffic\CS2A25.dgn
2/11/2018 9:14:50 AM

CONSTRUCTION PHASING LEGEND

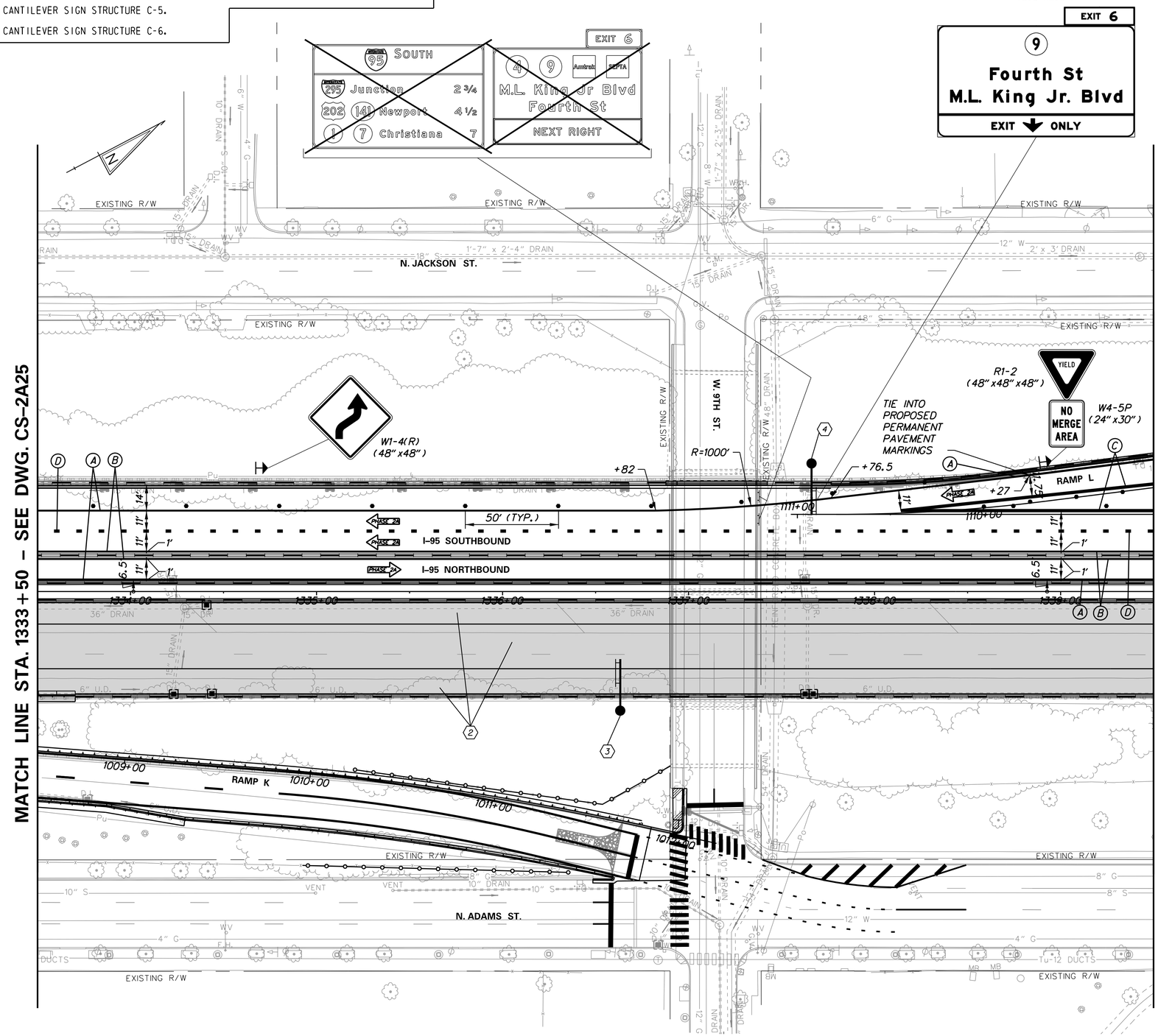
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT SHOULDER AND ROADWAY.
3. CONSTRUCT PROPOSED CANTILEVER SIGN STRUCTURE C-5.
4. CONSTRUCT PROPOSED CANTILEVER SIGN STRUCTURE C-6.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A	CS-2A26 / SHEET NO. 3-148 / TOTAL SHTS. 3-420

N:\39827-094\C400\Traffic\CS2A26.dgn 2/11/2016 9:14:51 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

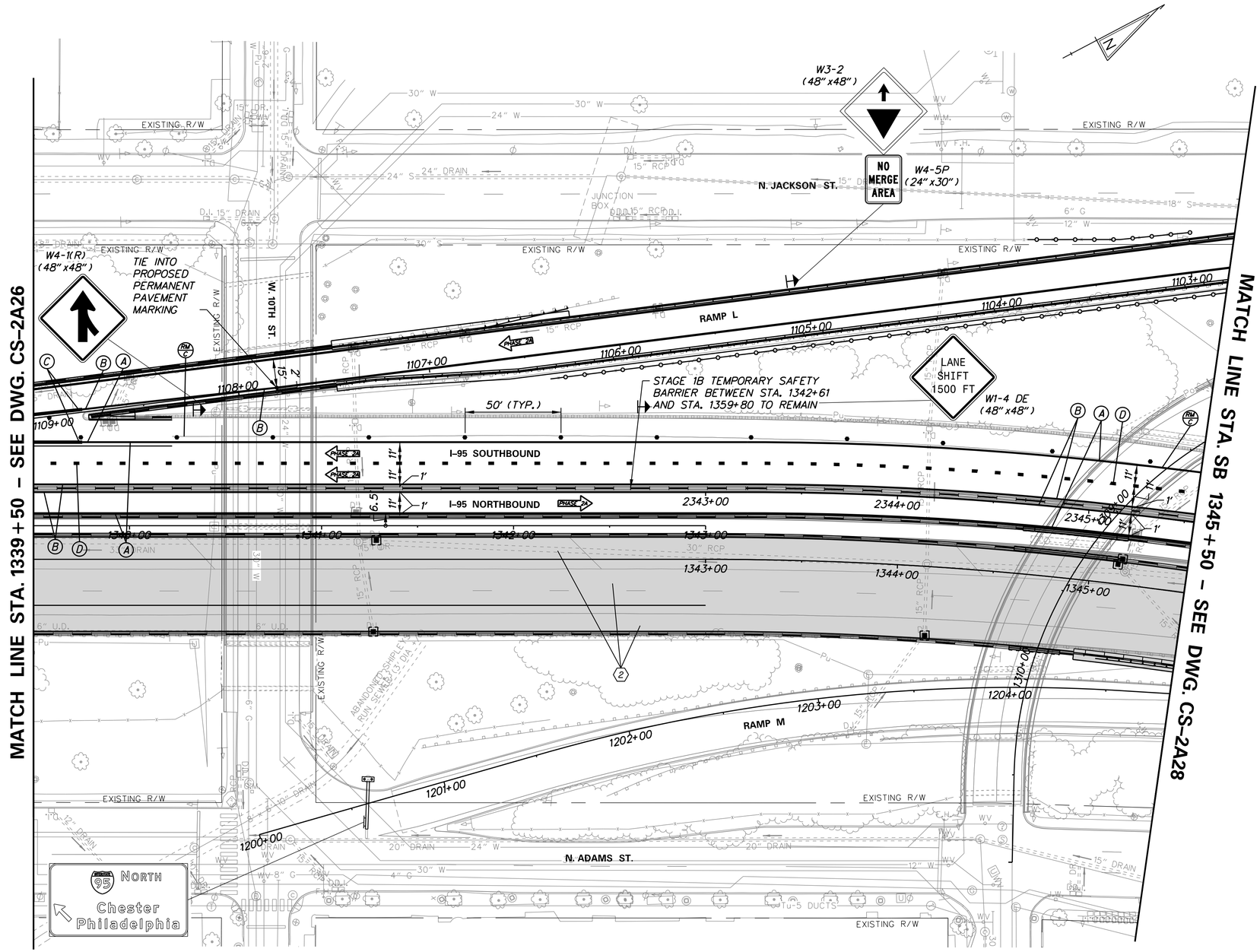
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT SHOULDER AND ROADWAY.

NOTES:
1. SEE CS-2A43 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A	CS-2A27 / SHEET NO. 3-149 / TOTAL SHTS. 3-420

N:\39827-094\CADD\Traffic\CS2A27.dgn
2/11/2016 9:14:52 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

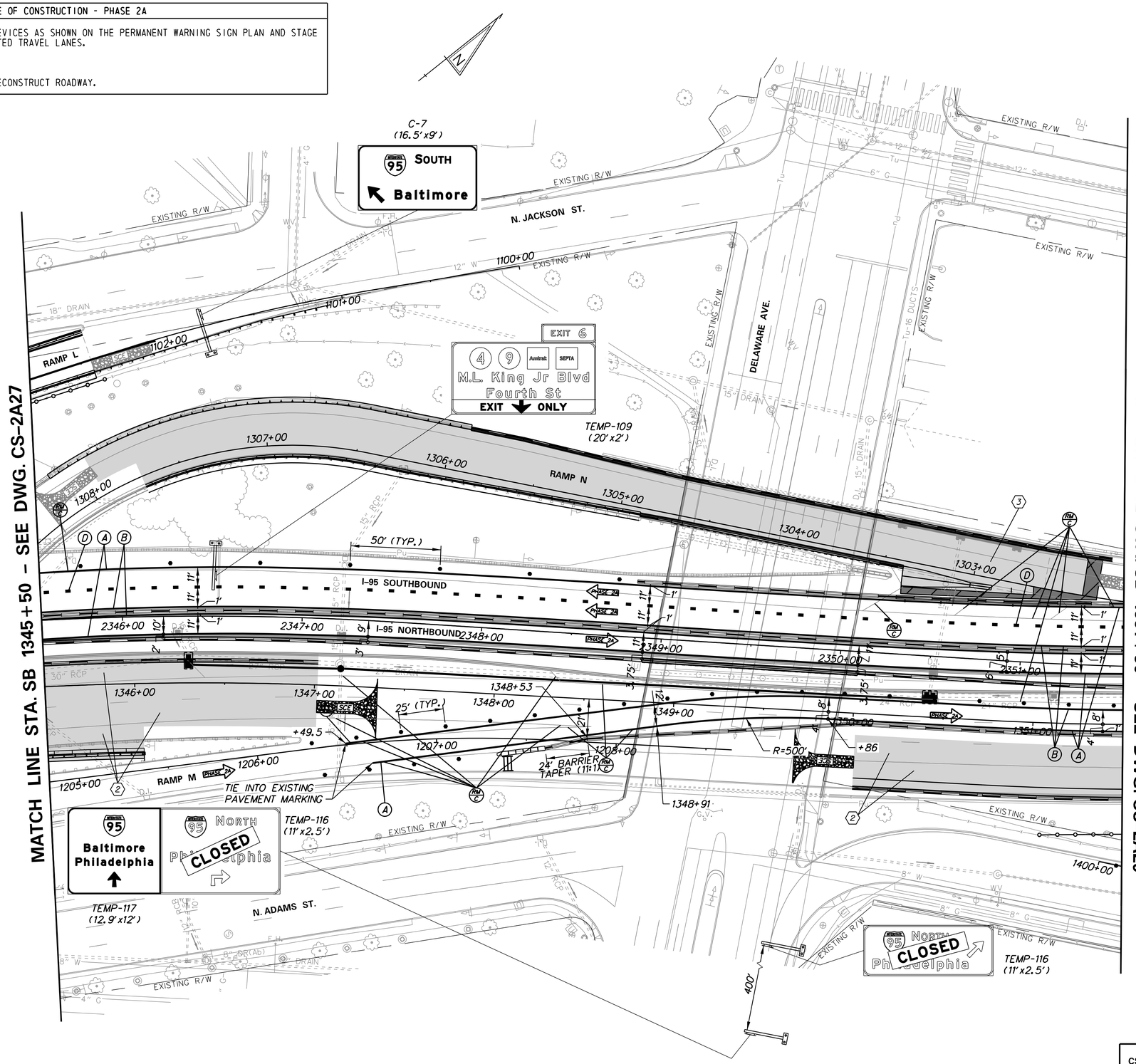
TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:
1. SEE CS-2A43 AND CS-2A44 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT SHOULDER AND ROADWAY.
3. CLOSE RAMP N AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A	CS-2A28 / SHEET NO. 3-150 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS2A28.dgn 2/11/2018 9:14:54 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- (RM C) REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
(A)	4" SOLID WHITE PAINT
(B)	4" SOLID YELLOW PAINT
(C)	10" SOLID WHITE PAINT
(D)	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(E)	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
(F)	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(G)	12" SOLID WHITE PAINT
(H)	16" SOLID WHITE PAINT
(J)	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
(K)	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
(L)	WHITE PAINT PAVEMENT SYMBOL

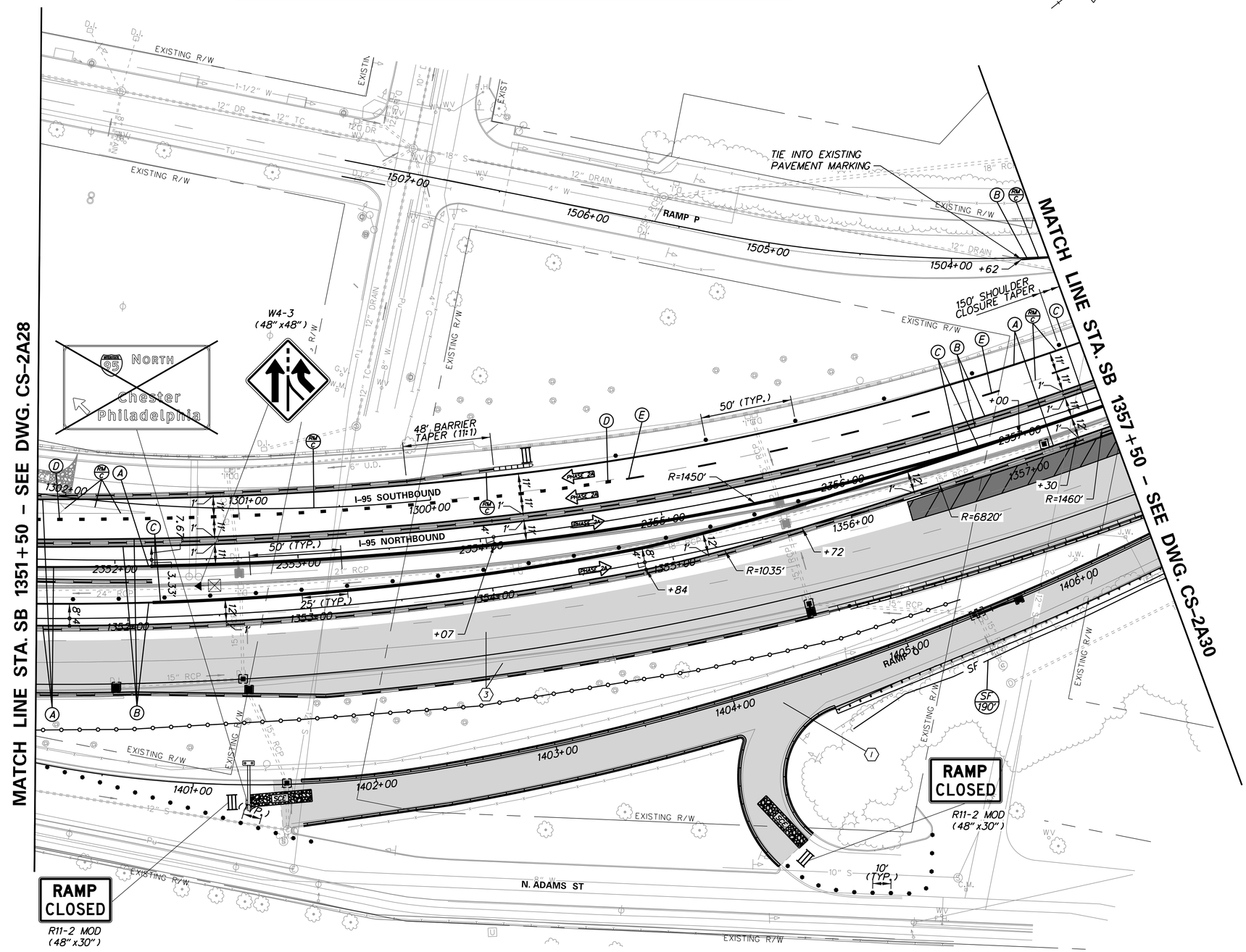
TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:
1. SEE CS-2A44 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. CLOSE RAMP O AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER AND ROADWAY.



N:\31987-004\CADD\Traffic\CS2A29.dgn
2/11/2018 9:14:55 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A	CS-2A29 / SHEET NO. 3-151 / TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- (RM/C) REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

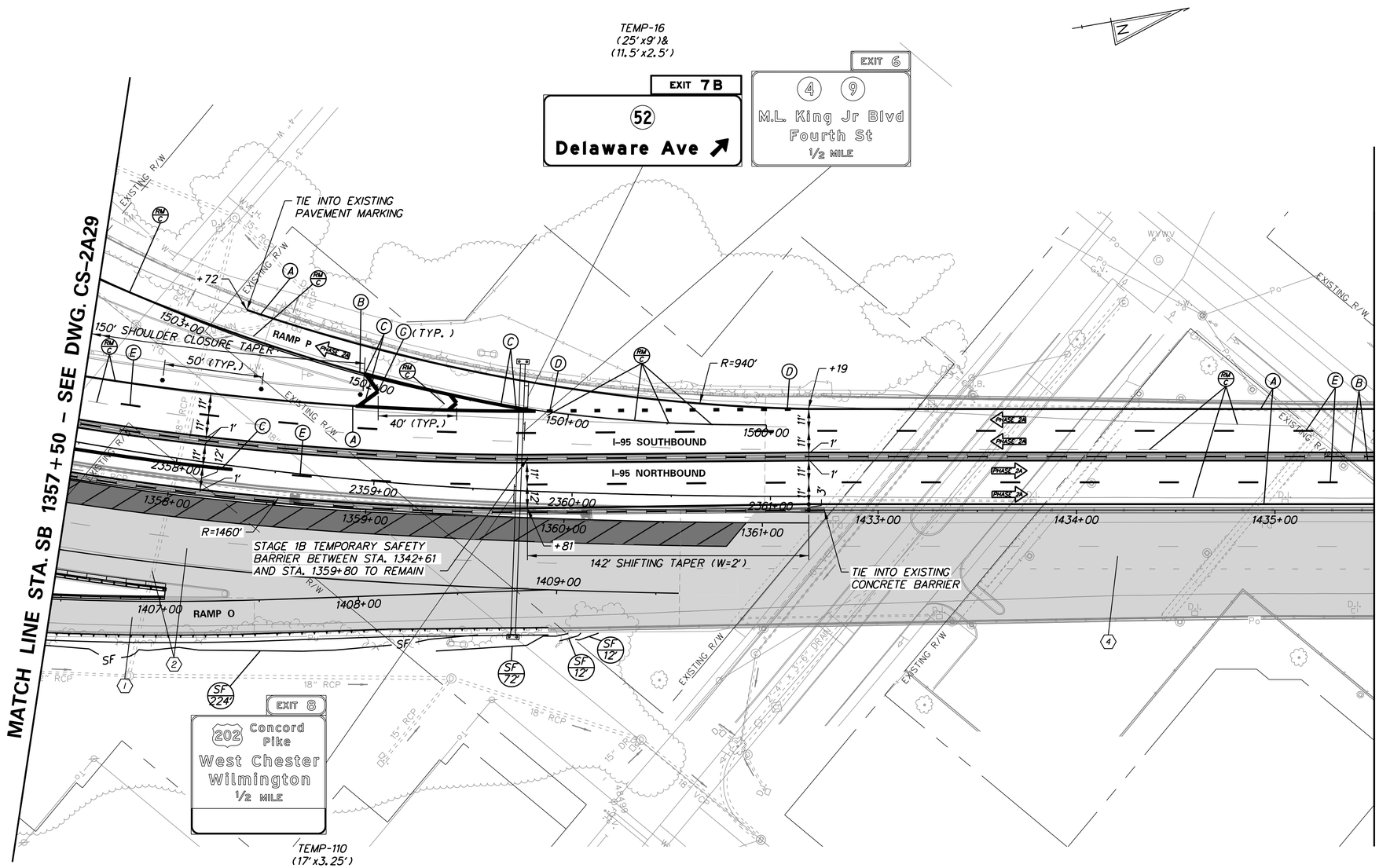
TEMPORARY PAVING LEGEND

- TEMPORARY FULL DEPTH CONSTRUCTION THIS PHASE
- TEMPORARY MILL AND/OR WEDGE/LEVEL CONSTRUCTION THIS PHASE
- TEMPORARY WEDGE/LEVEL ON PERMANENT ASPHALT PAVEMENT
- MILL EXISTING PAVEMENT THIS PHASE

NOTES:
1. SEE CS-2A44 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. CLOSE RAMP O AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER AND ROADWAY.
4. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\CADD\Traffic\CS2A30.dgn
2/17/2016 9:45:59 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A30
SHEET NO.
3-152
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

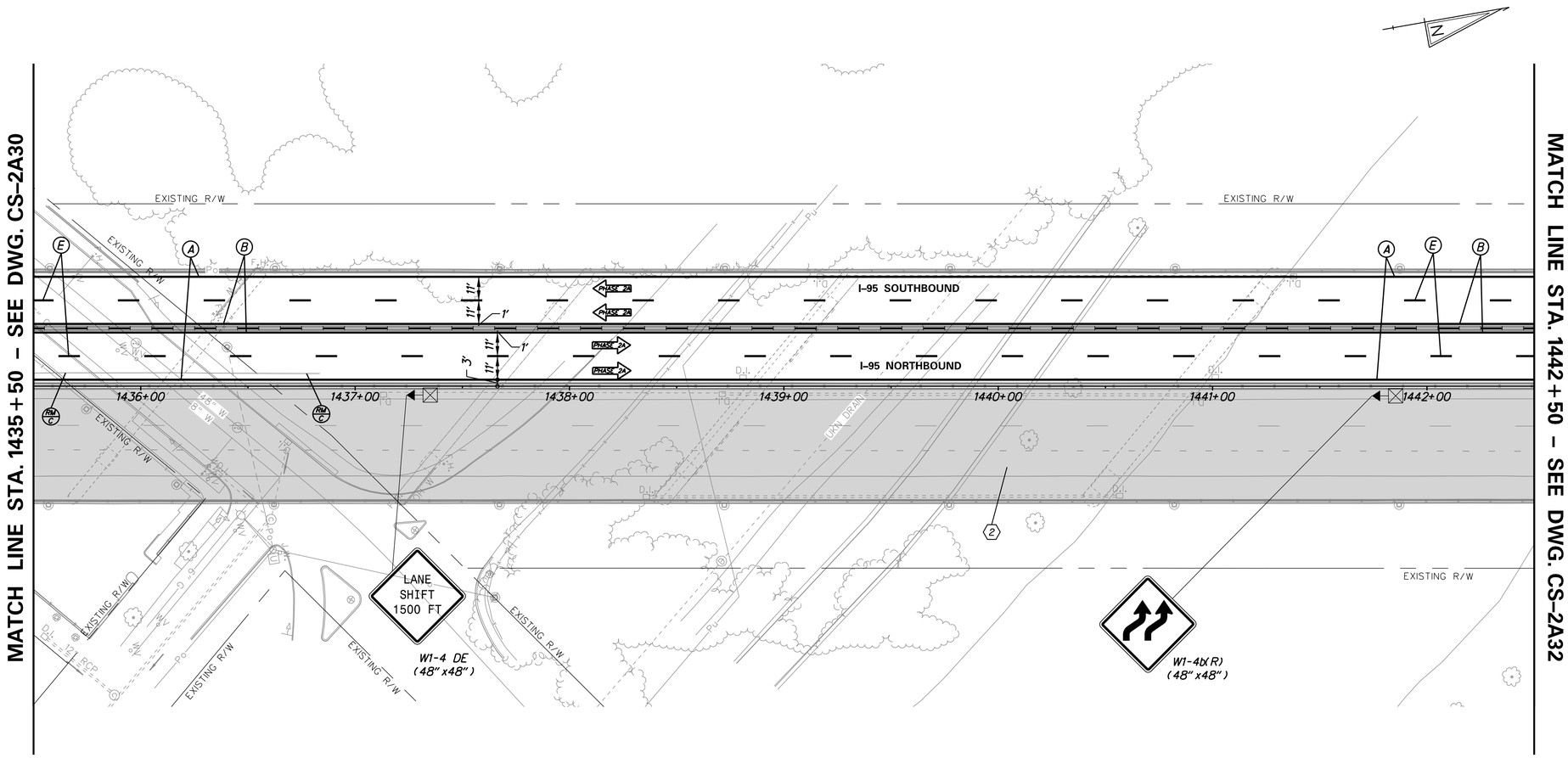
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\CADD\Traffic\CS2A31.dgn
2/17/2016 9:14:58 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A	CS–2A31 / SHEET NO. 3-153 / TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

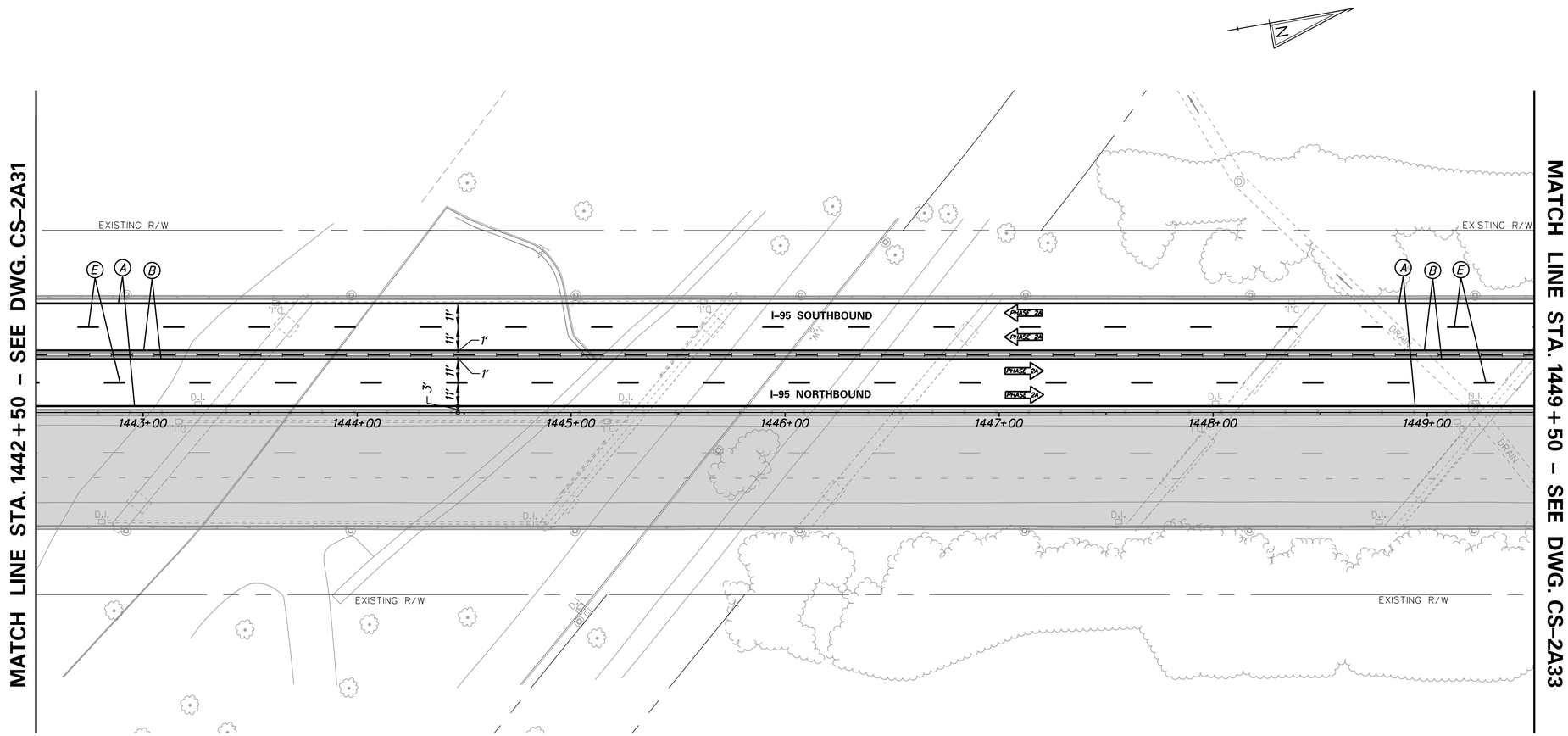
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\CADD\Traffic\CS2A32.dgn
2/17/2016 9:14:59 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS–2A32
SHEET NO. 3-154
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

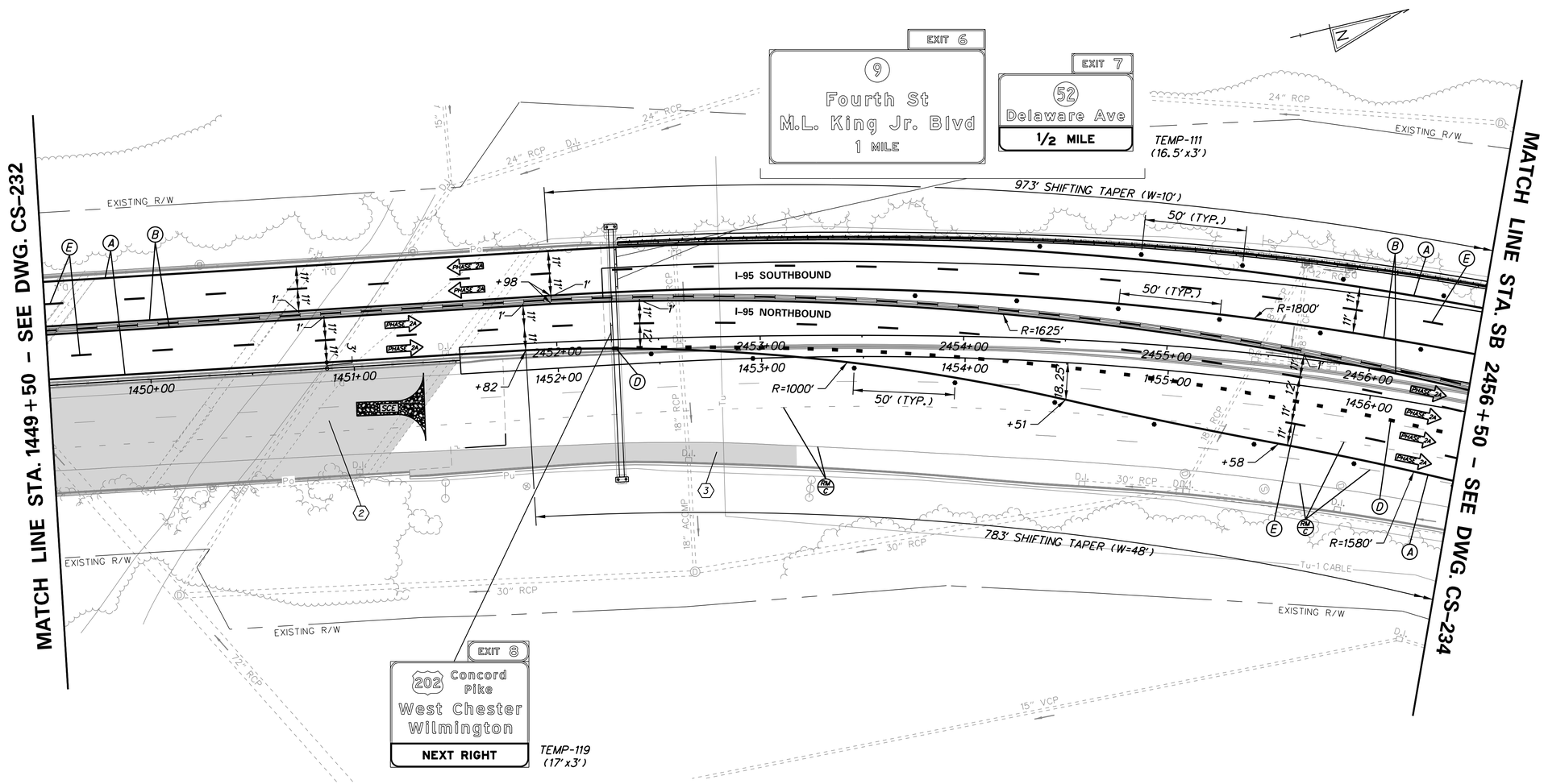
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
3. RECONSTRUCT SHOULDER.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A	CS-2A33 / SHEET NO. 3-155 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS2A33.dgn
2/11/2018 9:15:00 AM

CONSTRUCTION PHASING LEGEND

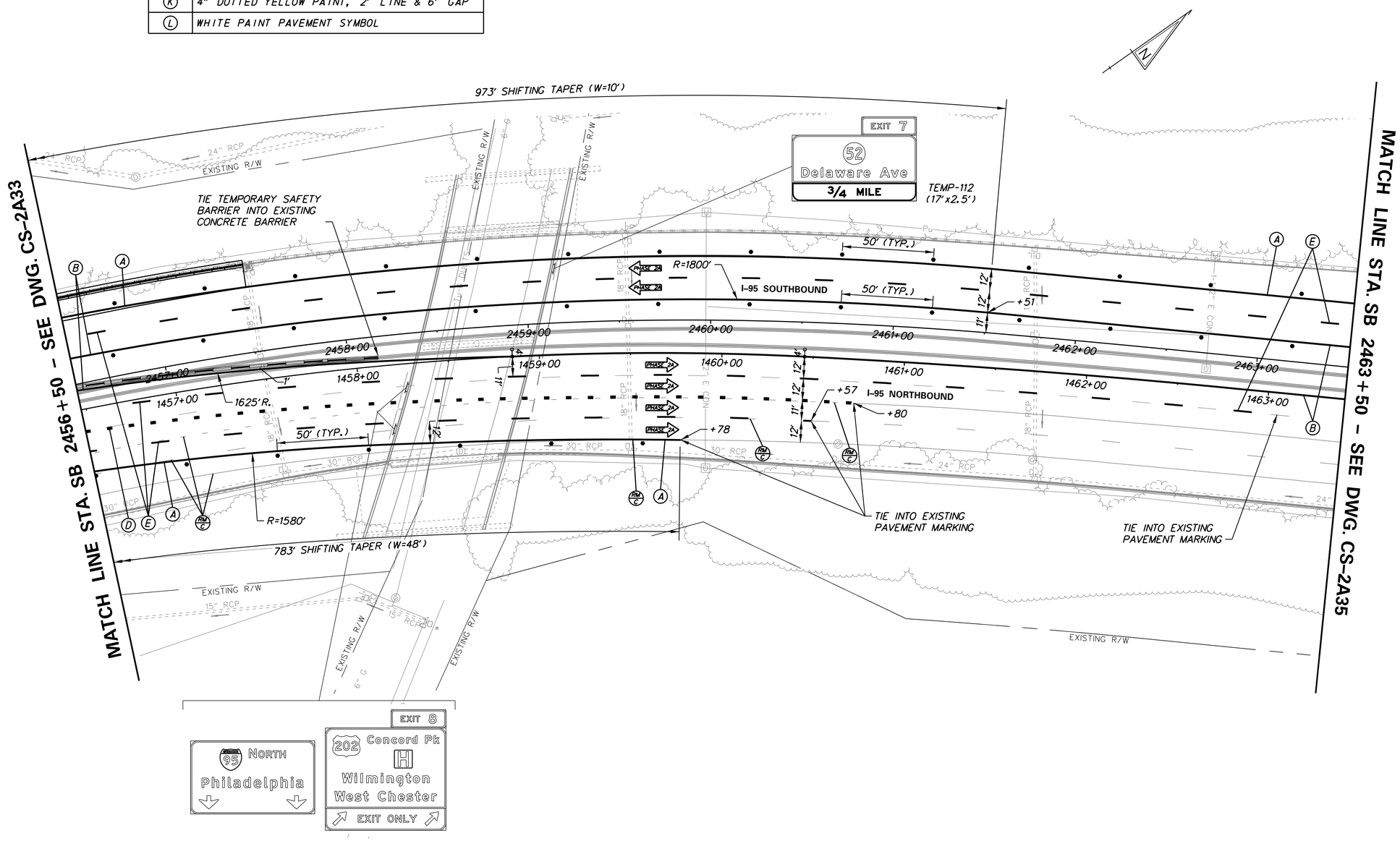
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\C400\Traffic\CS2A34.dgn
2/11/2019 9:15:02 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A34
SHEET NO.
3-156
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

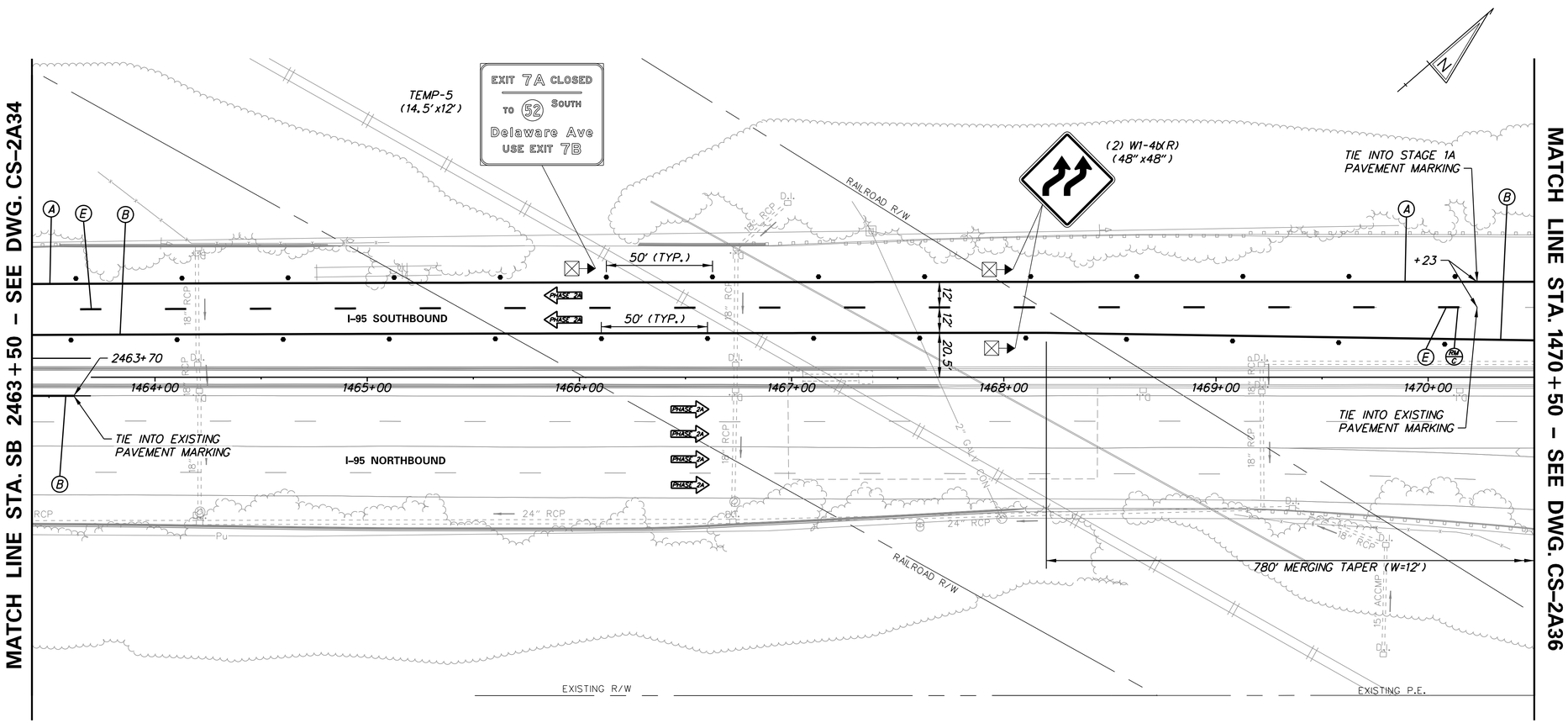
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A ON I-95 SB, NORTH OF STA. 1470+23, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS2A35.dgn
2/11/2016 9:15:03 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A35

SHEET NO.	TOTAL SHTS.
3-157	3-420

CONSTRUCTION PHASING LEGEND

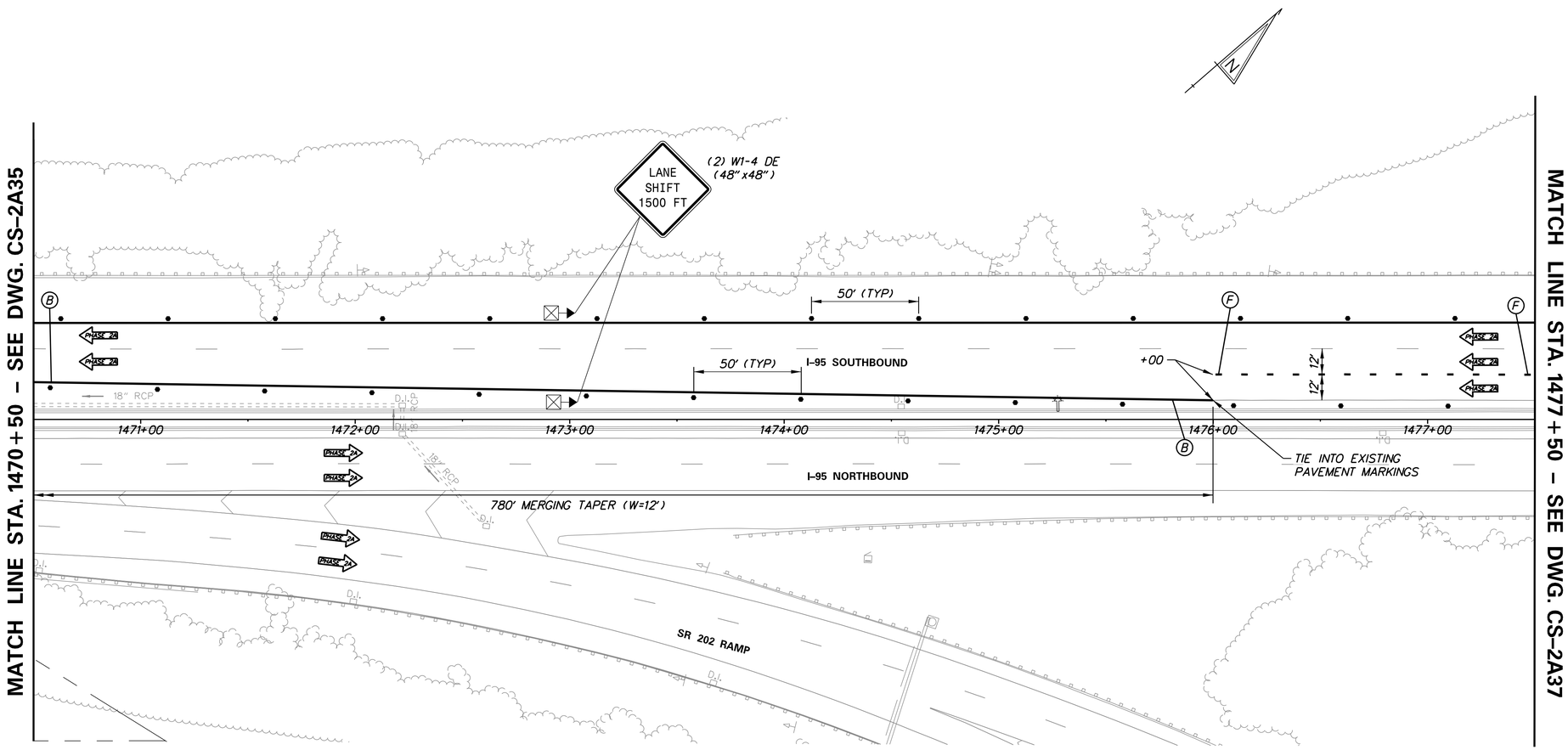
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A ON I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS2A36.dgn
2/17/2016 9:15:09 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A36
SHEET NO.
3-158
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

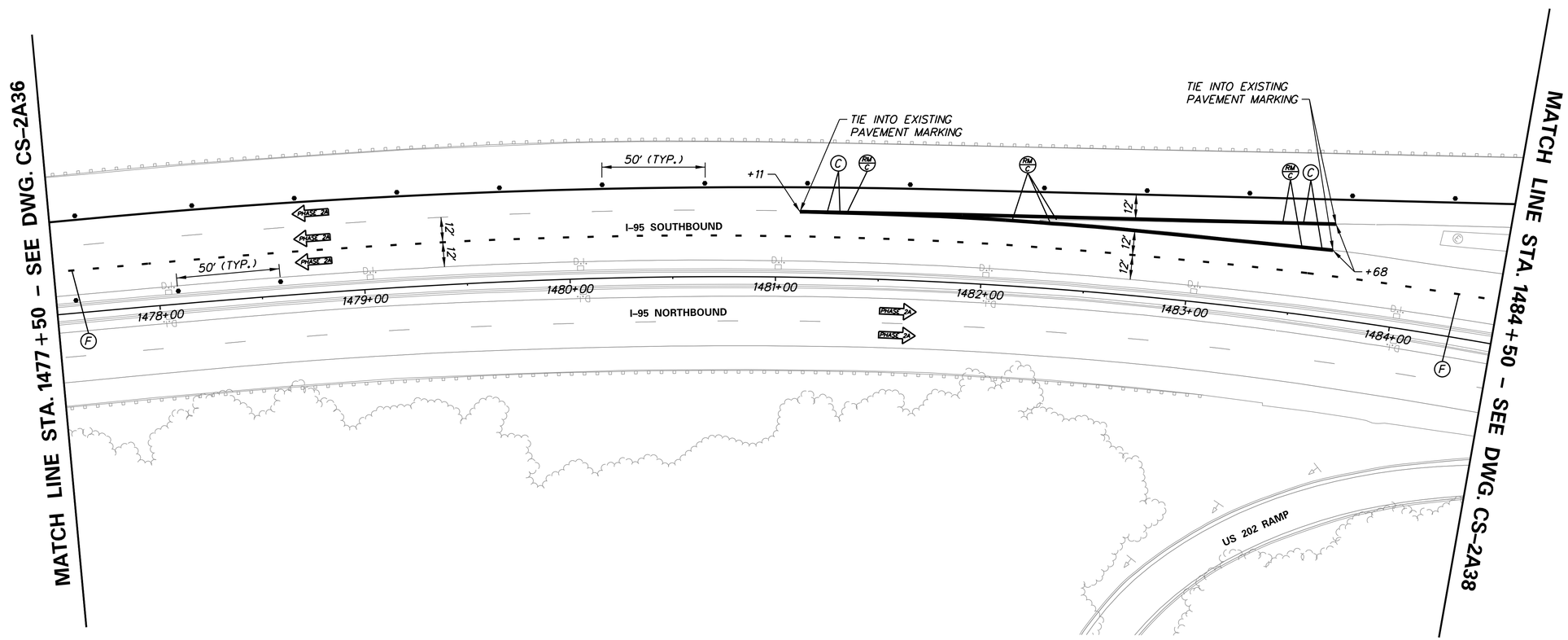
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 1A ON I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS2A37.dgn
2/11/2018 9:15:10 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A37
SHEET NO.
3-159
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

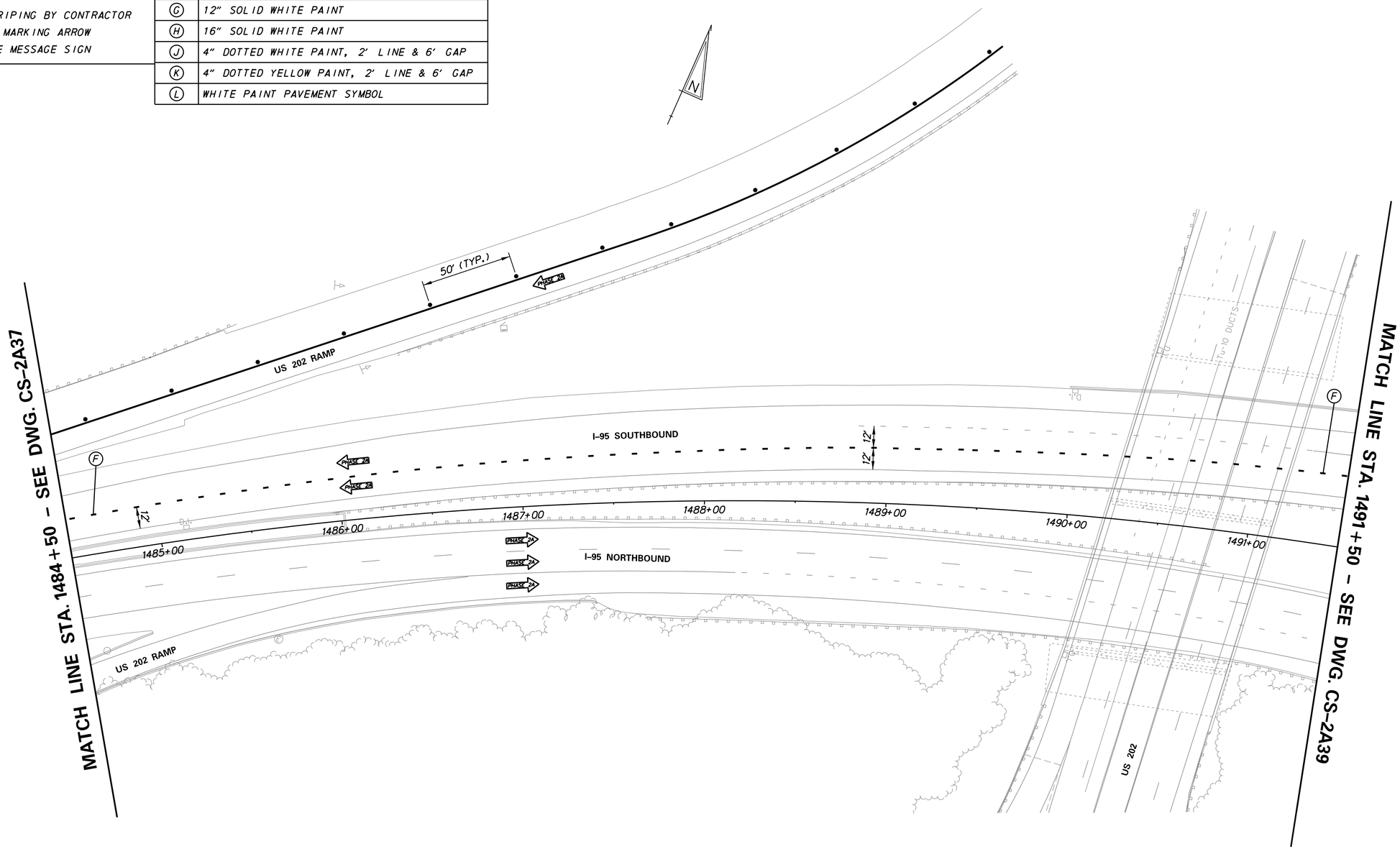
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS2A38.dgn
2/17/2018 9:15:11 AM

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 2A

CS-2A38
SHEET NO.
3-160
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

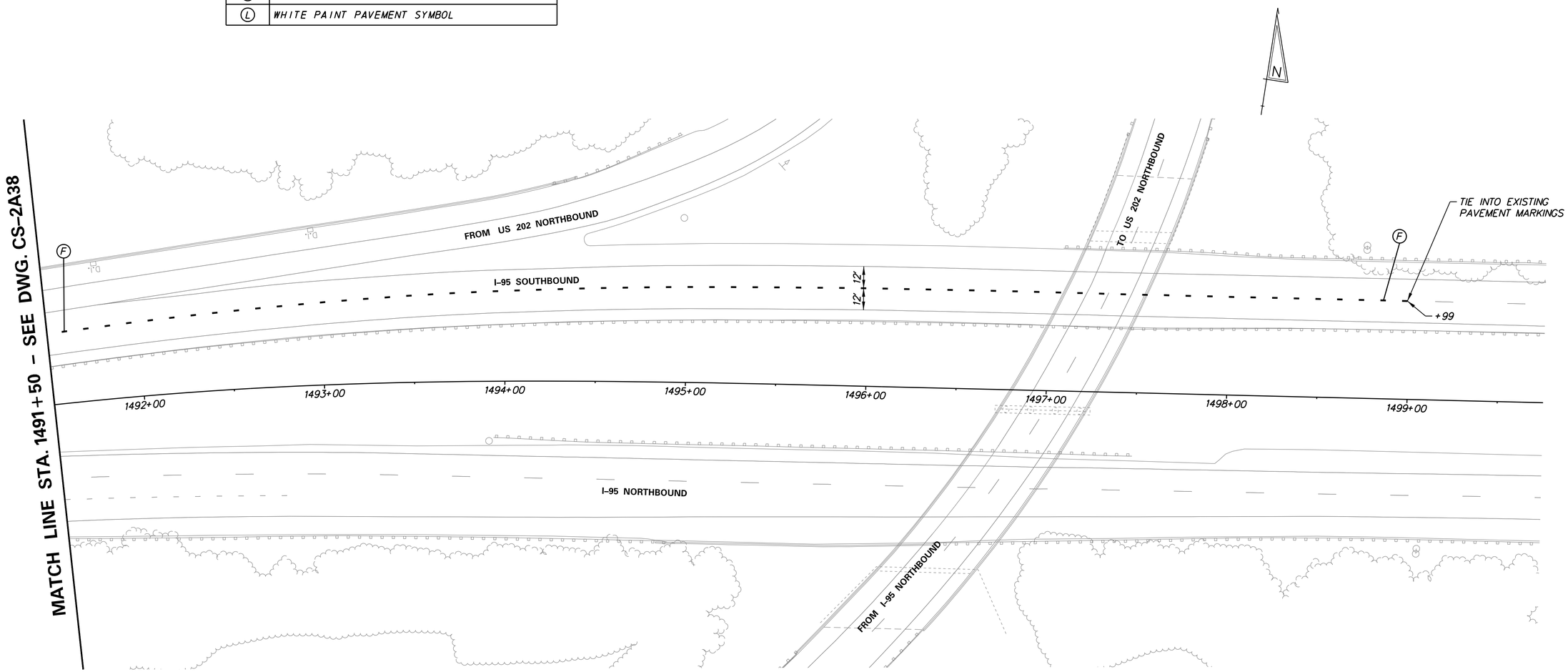
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-094\C400\Traffic\CS2A39.dgn
2/11/2016 9:15:13 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A39

SHEET NO. 3-161

TOTAL SHTS. 3-420

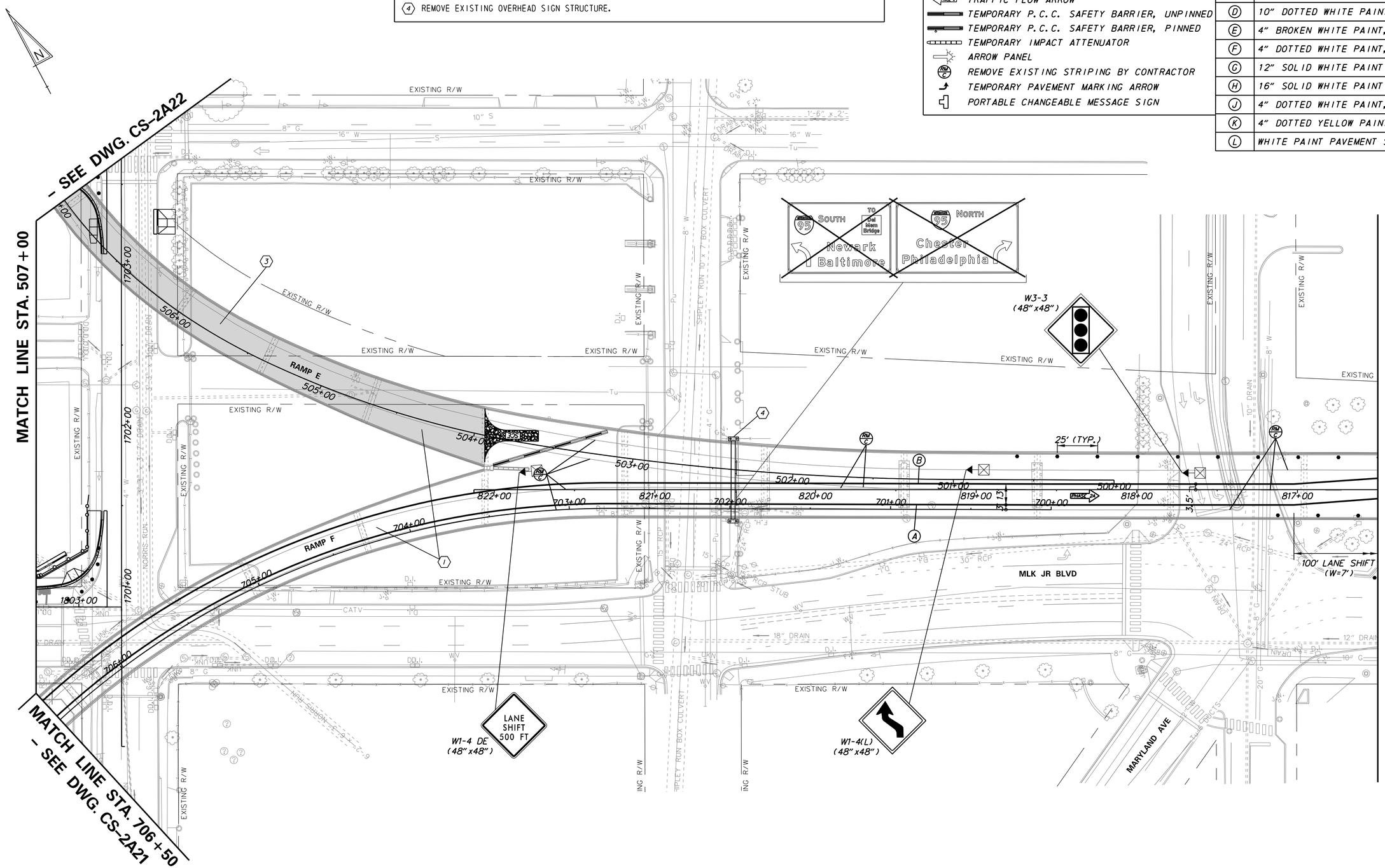
SEQUENCE OF CONSTRUCTION - PHASE 2A
(1) CLOSE RAMP E AND RAMP F AND DETOUR TRAFFIC. SHIFT I-95 NB TRAFFIC TO MLK JR BLVD TO RAMP F.
(2) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
(3) COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY ON RAMP E.
(4) REMOVE EXISTING OVERHEAD SIGN STRUCTURE.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
(A)	4" SOLID WHITE PAINT
(B)	4" SOLID YELLOW PAINT
(C)	10" SOLID WHITE PAINT
(D)	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(E)	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
(F)	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(G)	12" SOLID WHITE PAINT
(H)	16" SOLID WHITE PAINT
(J)	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
(K)	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
(L)	WHITE PAINT PAVEMENT SYMBOL



N:\31987-004\C4D\Traffic\CS2A40.dgn
2/11/2018 9:15:14 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2A

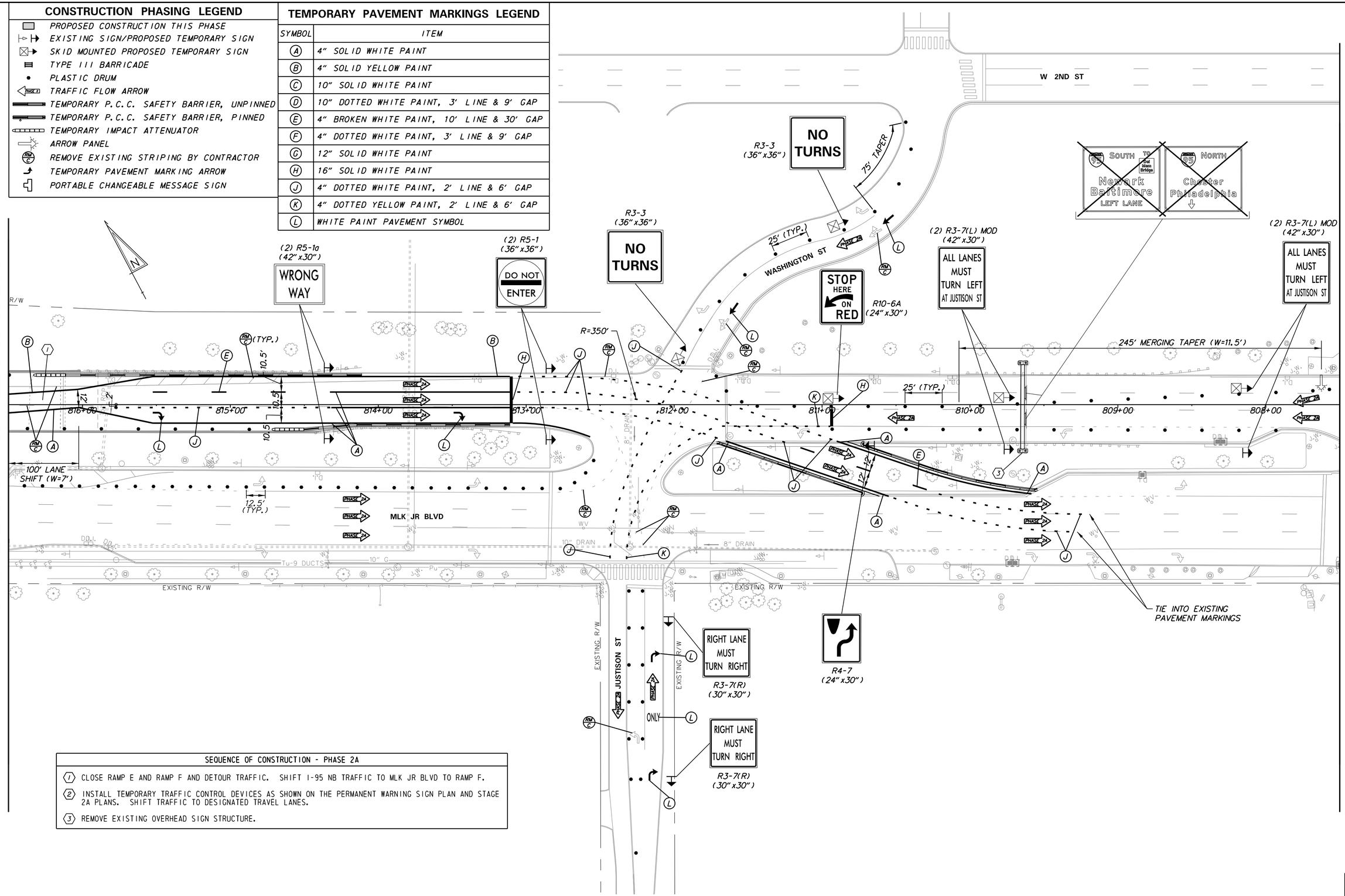
CS-2A40
SHEET NO.
3-162
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



SEQUENCE OF CONSTRUCTION - PHASE 2A

1. CLOSE RAMP E AND RAMP F AND DETOUR TRAFFIC. SHIFT I-95 NB TRAFFIC TO MLK JR BLVD TO RAMP F.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. REMOVE EXISTING OVERHEAD SIGN STRUCTURE.

N:\31987-094\CADD\Traffic\CS2A41.dgn
2/11/2018 9:15:15 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A41
SHEET NO. 3-163
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

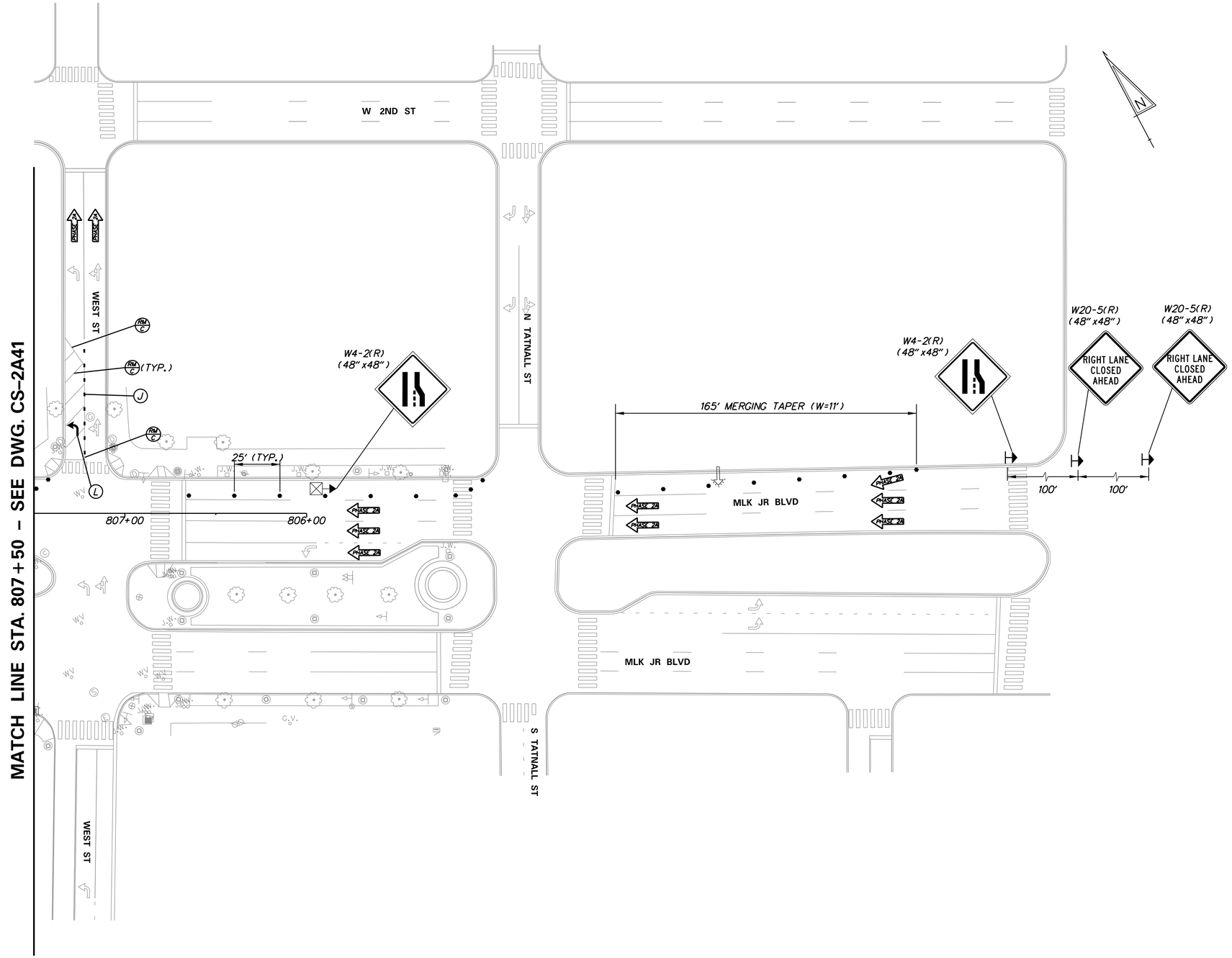
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

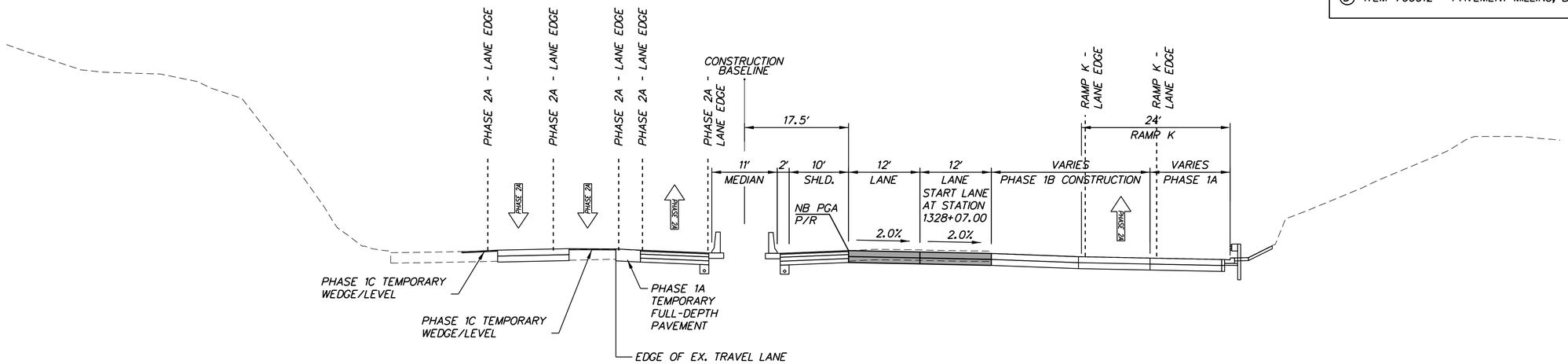
CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2A

CS-2A42
SHEET NO.
3-164
TOTAL SHTS.
3-420

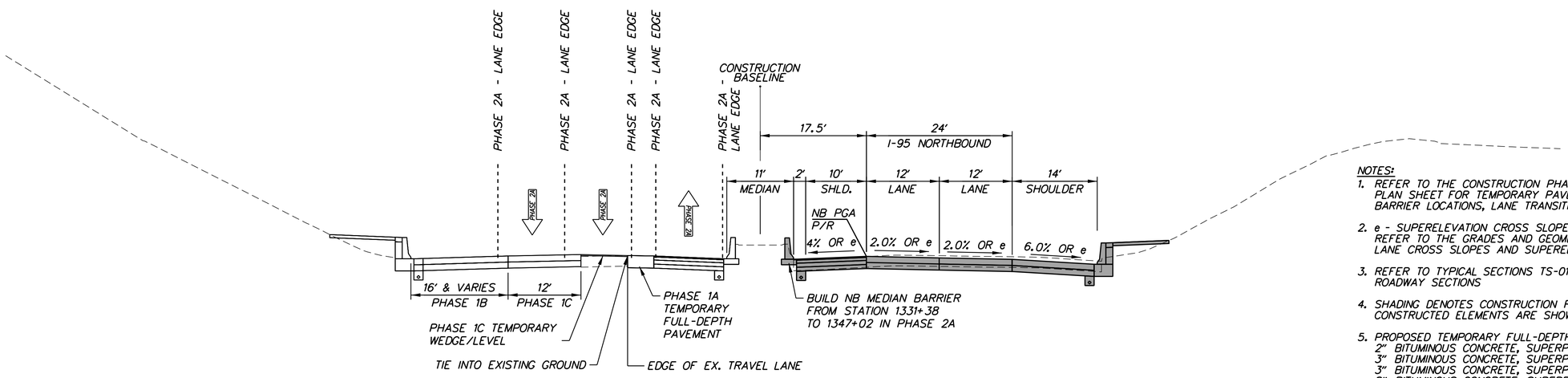
N:\31987-004\C&D\Traffic\CS2A42.dgn
2/17/2016 9:15:16 AM

LEGEND

- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



I-95 PHASE 2A
STATION 1327+10 TO STATION 1331+38



I-95 PHASE 2A
STATION 1331+38 TO STATION 1347+02

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

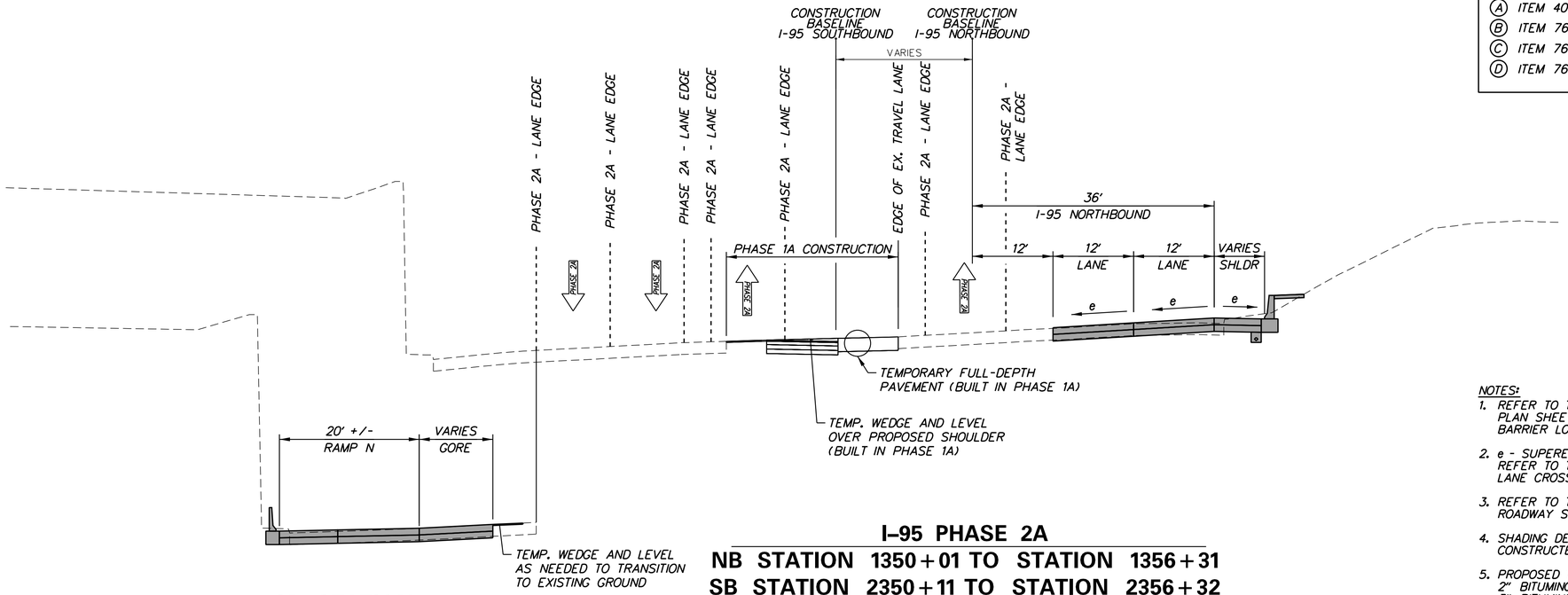
CS-2A43

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	M.O.T. TYPICAL SECTIONS	SHEET NO. 3-165
				COUNTY NEW CASTLE	DESIGNED BY: WRA		TOTAL SHTS. 3-420
					CHECKED BY: WRA		

N:\31987-004\C4D\Traffic\CS2A43_TS.dgn
2/11/2018 9:15:17 AM

LEGEND

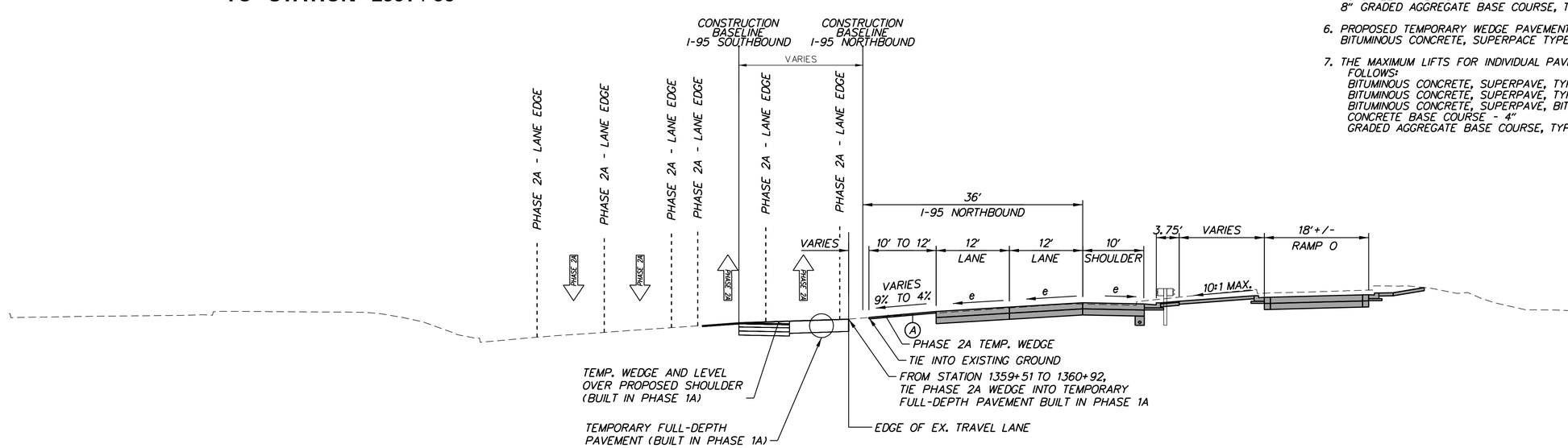
- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



I–95 PHASE 2A

NB STATION 1350+01 TO STATION 1356+31
SB STATION 2350+11 TO STATION 2356+32

SB STATION 2350+31
TO STATION 2351+33



I–95 PHASE 2A

NB STATION 1356+31 TO STATION 1360+92
SB STATION 2356+32 TO STATION 2360+88

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

N:\31987-004\CADD\Traffic\CS2A44_TS.dgn
2/11/2016 9:15:18 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	M.O.T. TYPICAL SECTIONS

CS-2A44

SHEET NO. 3-166
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

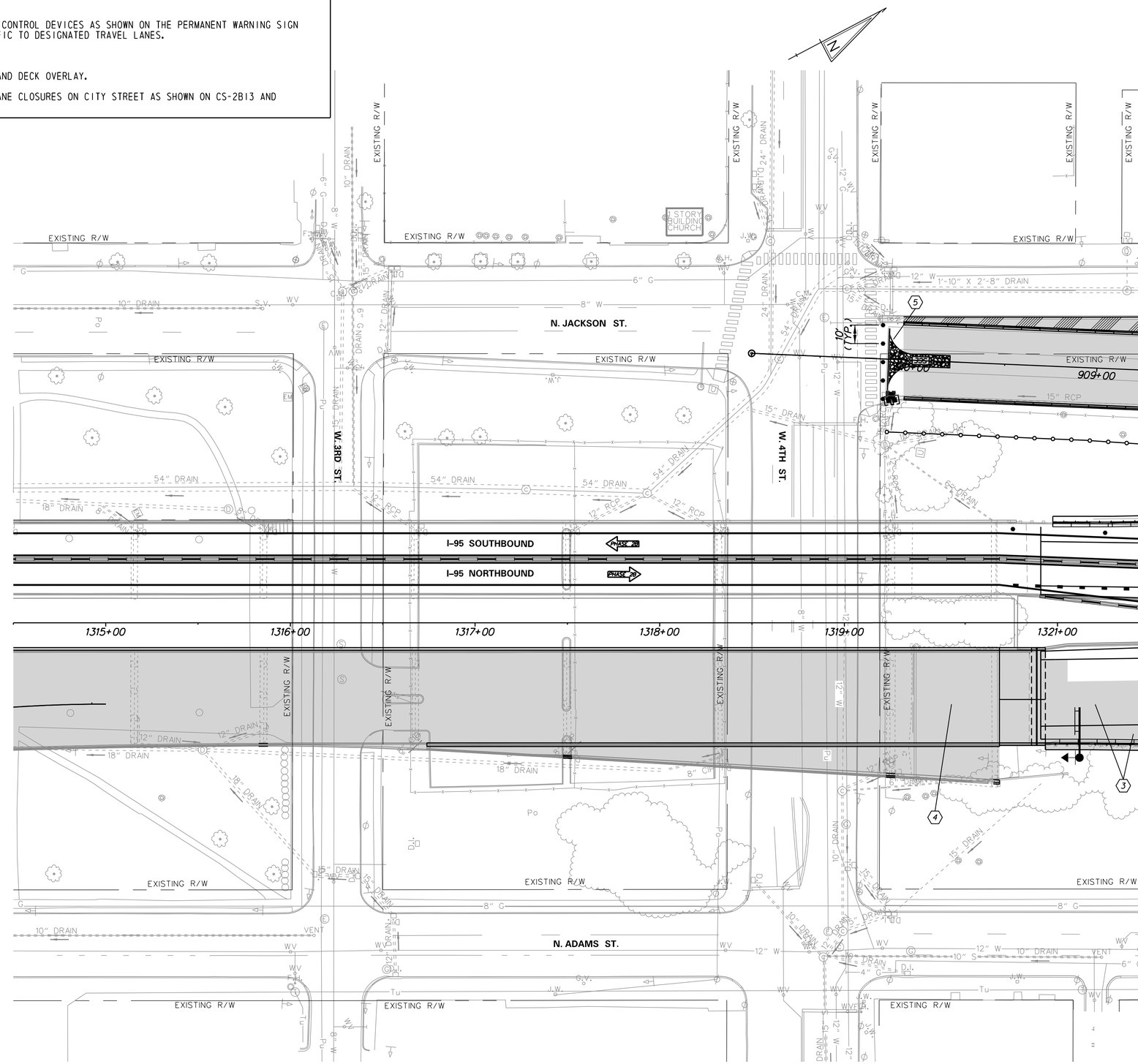
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER AND ROADWAY.
4. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
5. DURING ALLOWABE WORK HOURS INSTALL LANE CLOSURES ON CITY STREET AS SHOWN ON CS-2B13 AND CONSTRUCT RAMP J TIE-IN.



N:\31987-004\CAD\Traffic\CS2B01.dgn
2/11/2019 9:15:22 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2B

CS-2B01
SHEET NO.
3-167
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- (PM C) REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

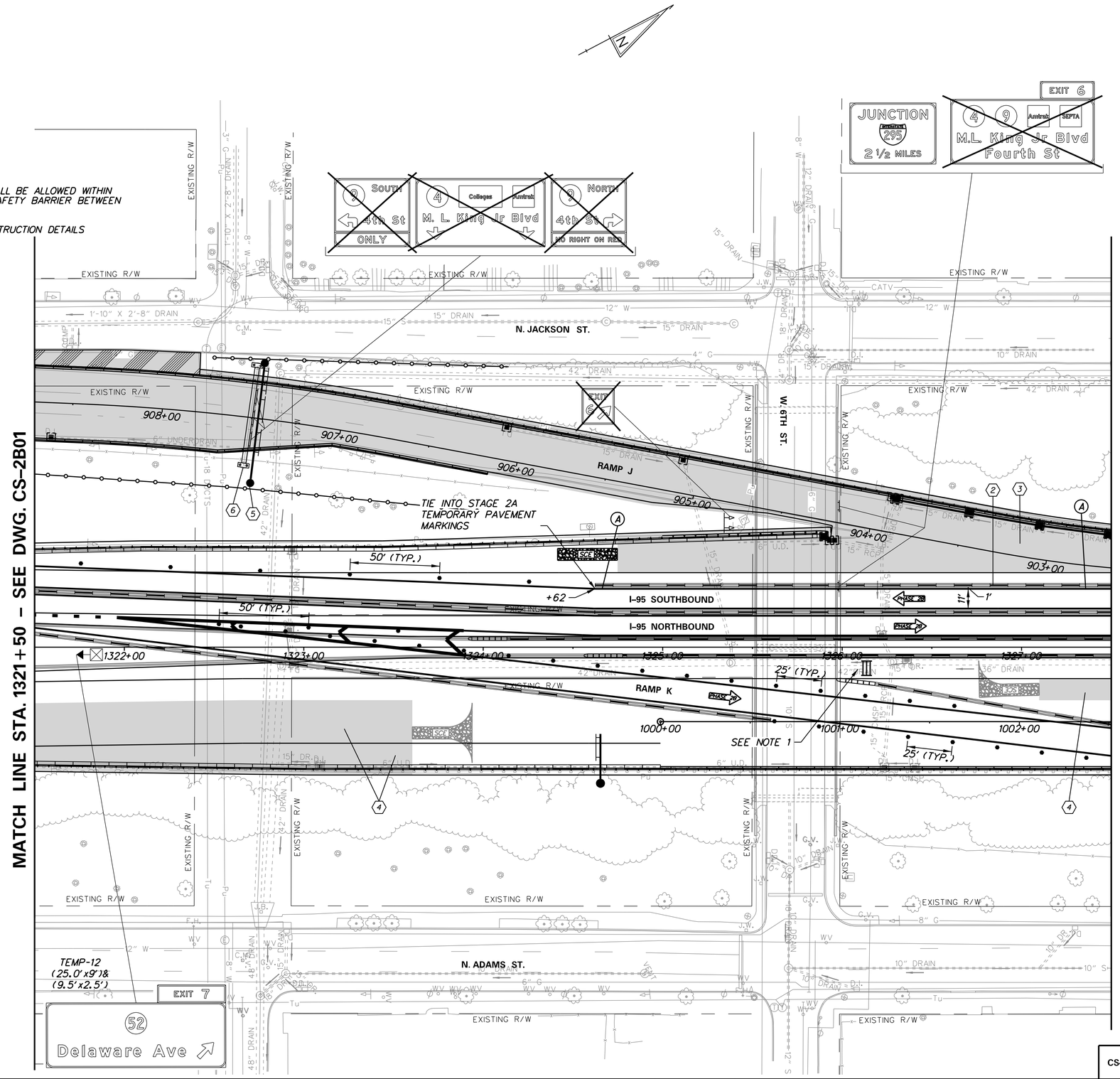
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1326+00 AND STA. 1328+10.
2. SEE CS-2B14 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB, I-95 SB AND RAMP K, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. CLOSE RAMP J AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
4. RECONSTRUCT SHOULDER AND ROADWAY.
5. CONSTRUCT PROPOSED CANTILEVER SIGN STRUCTURE OH-6.
6. REMOVE EXISTING OVERHEAD SIGN STRUCTURE.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B

CS-2B02
SHEET NO. 3-168
TOTAL SHTS. 3-420

N:\31987-004\C400\Traffic\CS2B02.dgn 2/11/2016 9:15:24 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

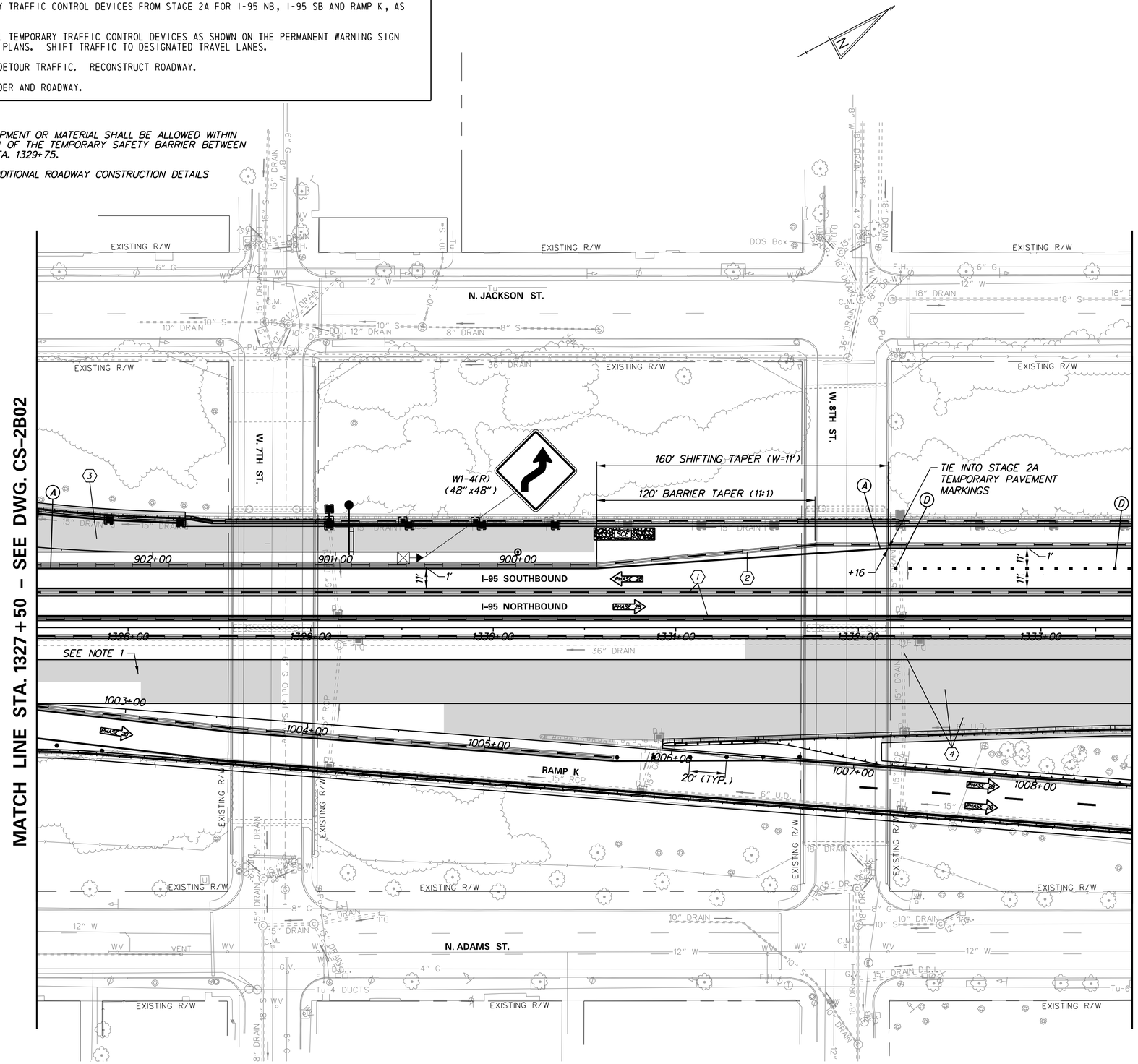
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB, I-95 SB AND RAMP K, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. CLOSE RAMP J AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
4. RECONSTRUCT SHOULDER AND ROADWAY.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1326+00 AND STA. 1329+75.
2. SEE CS-2B14 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



N:\31987-094\C&D\Traffic\CS2B03.dgn
2/11/2018 9:15:26 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B

CS–2B03

SHEET NO. 3-169

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

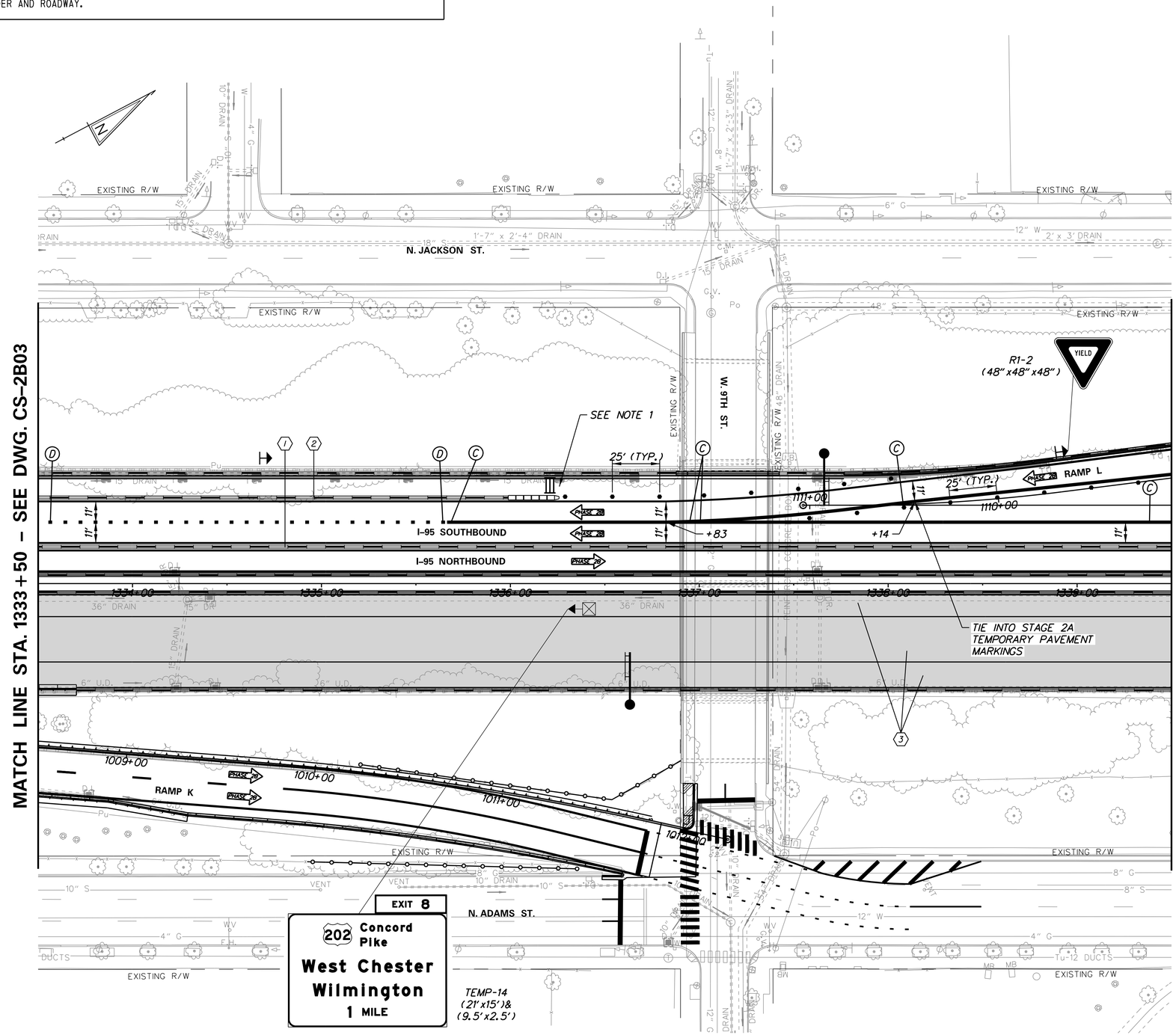
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB, I-95 SB AND RAMP L, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER AND ROADWAY.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1333+25 AND STA. 1336+25.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B

CS-2B04 | SHEET NO. 3-170 | TOTAL SHTS. 3-420

N:\39827-094\C4D\Traffic\CS2B04.dgn 2/11/2016 9:15:27 AM

CONSTRUCTION PHASING LEGEND

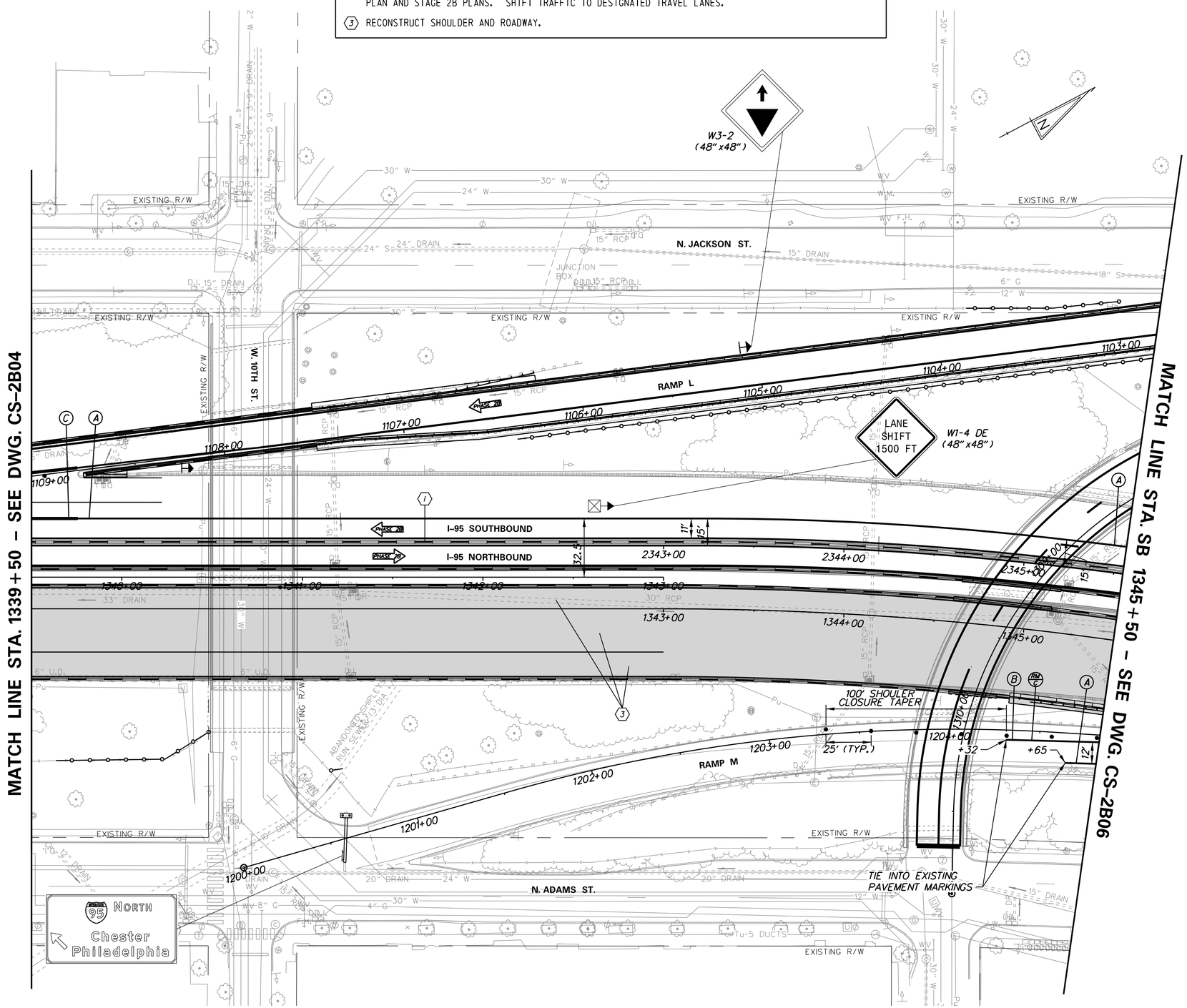
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB, I-95 SB AND RAMP L, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER AND ROADWAY.



N:\31987-004\C400\Traffic\CS2B05.dgn
2/17/2016 8:25:46 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B

CS-2B05
SHEET NO.
3-171
TOTAL SHTS.
3-420

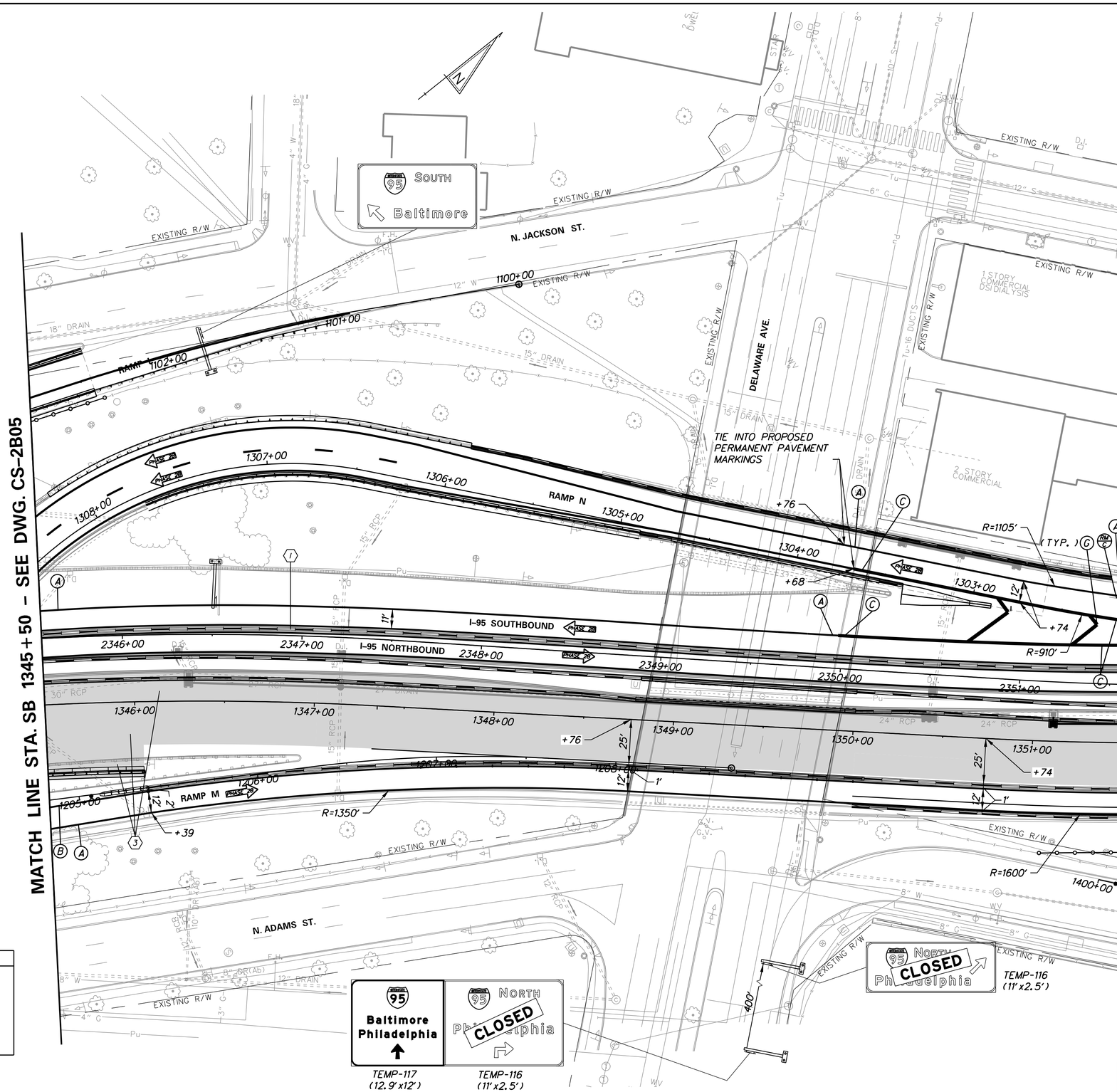
CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-2B15 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER AND ROADWAY.

N:\31987-004\CADD\Traffic\CS2B06.dgn
2/11/2016 9:15:30 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B

CS-2B06
SHEET NO.
3-172
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

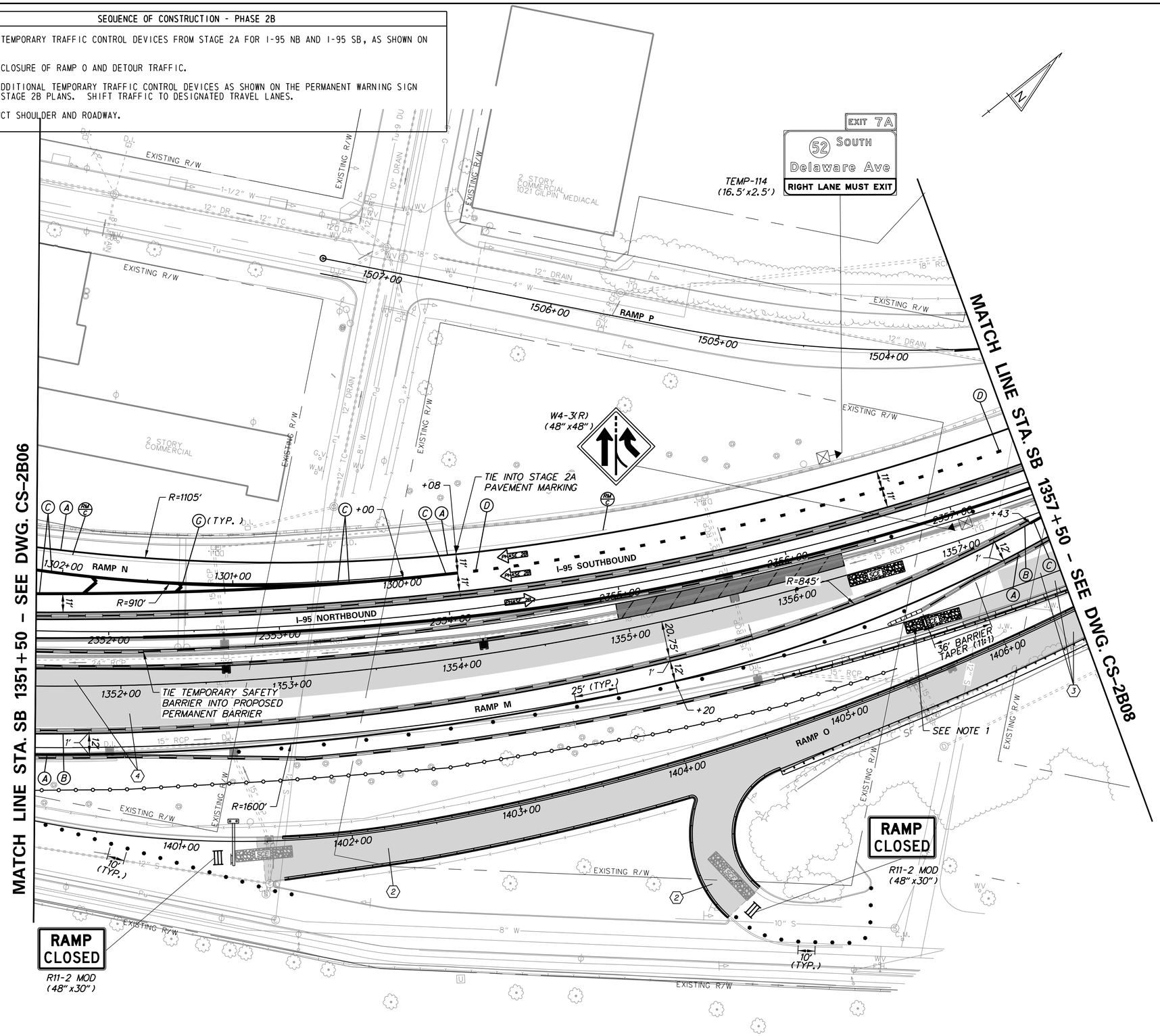
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1356+45 AND STA. 1358+05.
2. SEE CS-2B15 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
2. MAINTAIN CLOSURE OF RAMP O AND DETOUR TRAFFIC.
3. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
4. RECONSTRUCT SHOULDER AND ROADWAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B

CS-2B07 | SHEET NO. 3-173 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS2B07.dgn
2/11/2016 9:15:31 AM

CONSTRUCTION PHASING LEGEND

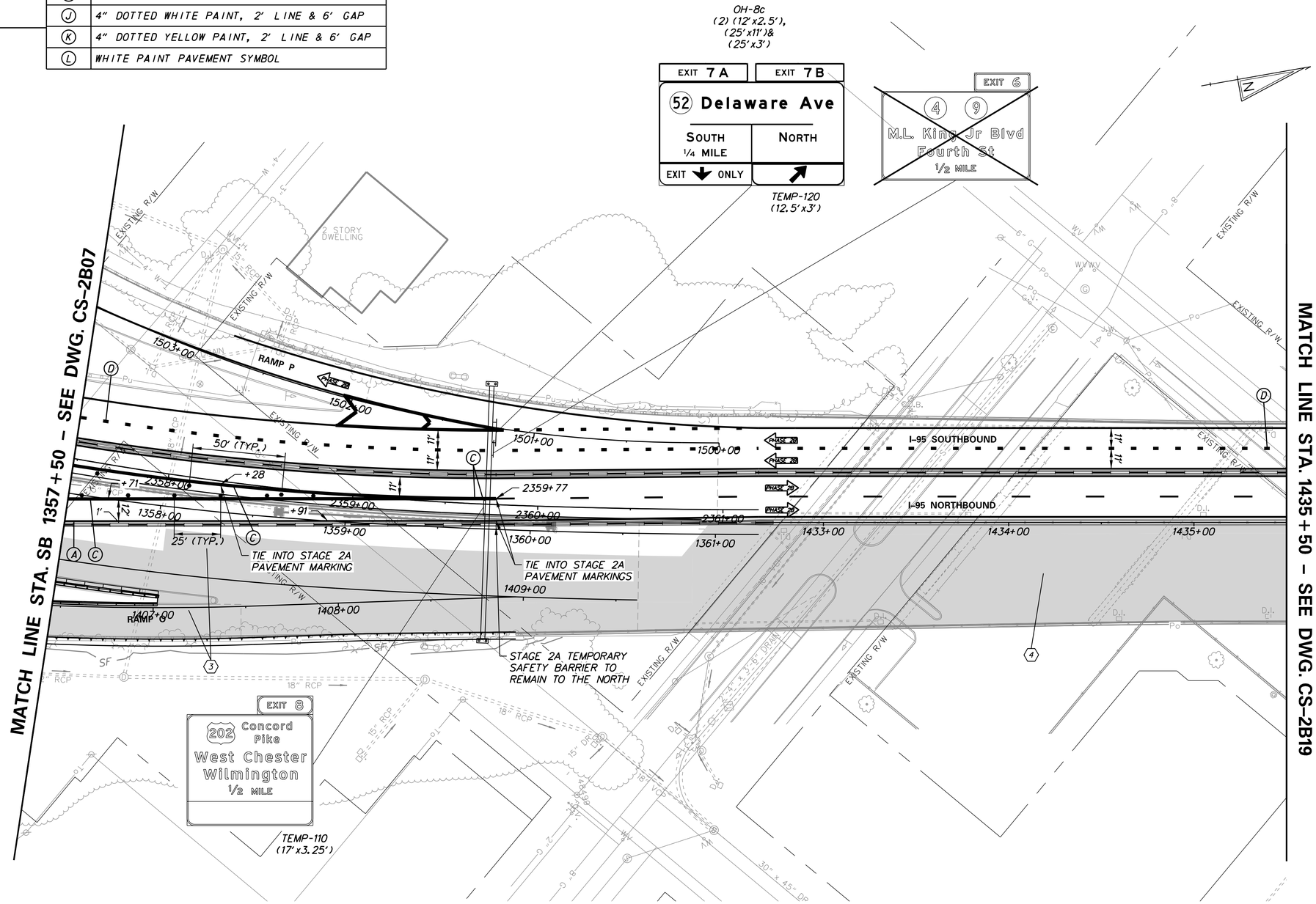
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER AND ROADWAY.
4. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B

CS-2B08
SHEET NO. 3-174
TOTAL SHTS. 3-420

N:\31987-004\C400\Traffic\CS2B08.dgn
2/11/2016 9:15:53 AM

CONSTRUCTION PHASING LEGEND

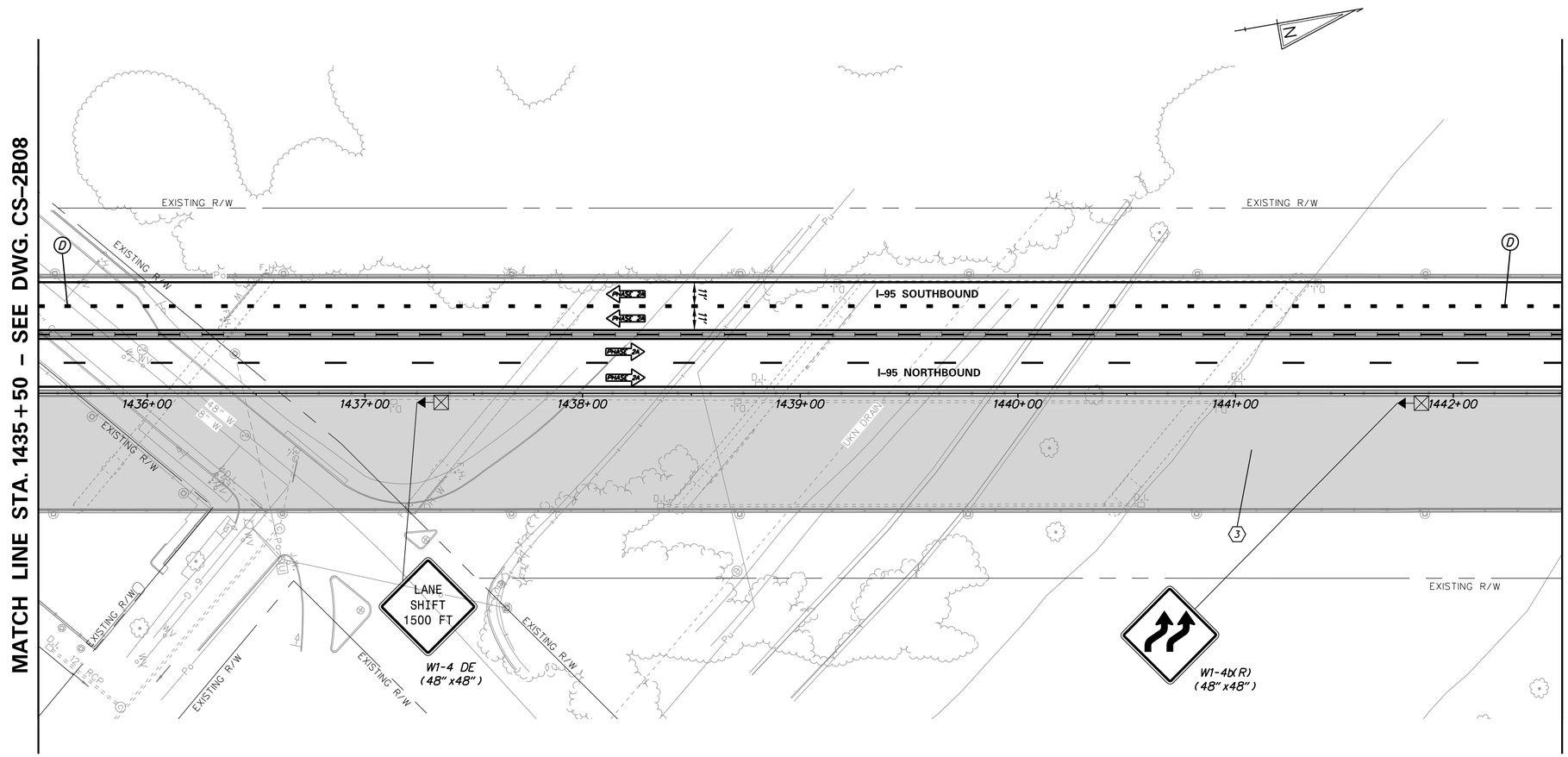
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\CADD\Traffic\CS2B09.dgn
2/11/2019 9:15:35 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B

CS–2B09
SHEET NO.
3-175
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

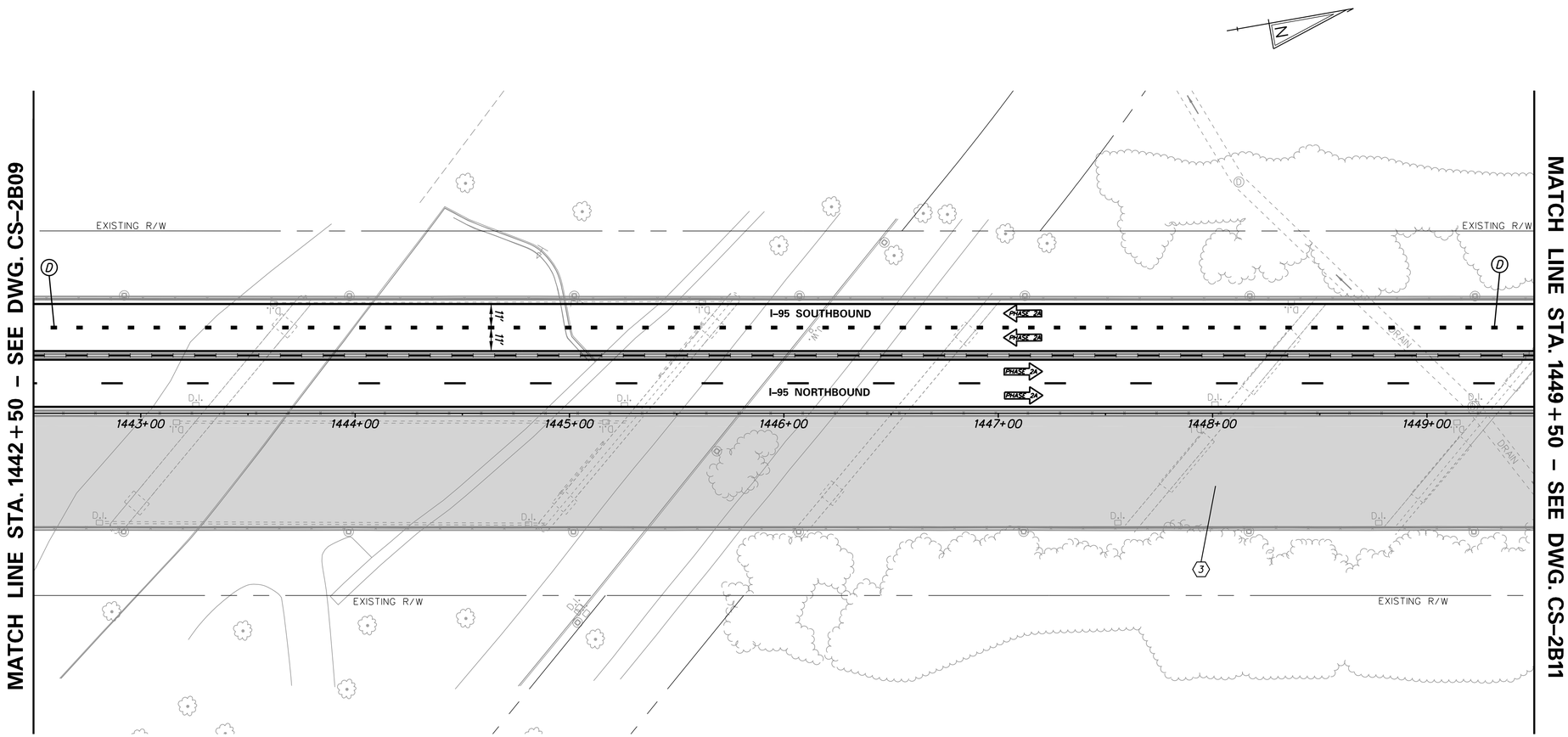
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\C400\Traffic\CS2B10.dgn
2/11/2016 9:15:37 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B	CS–2B10 / SHEET NO. 3-176 / TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

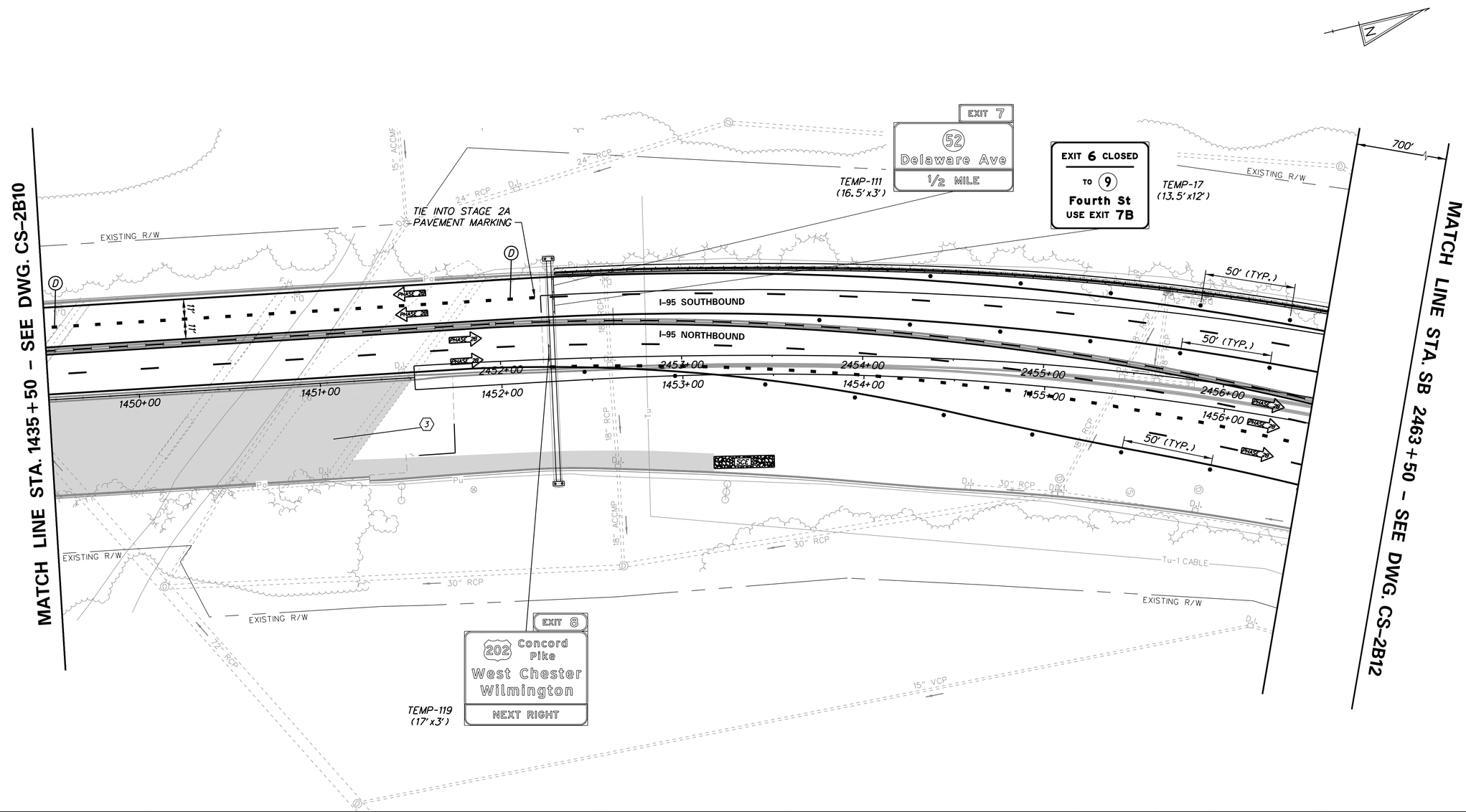
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\CADD\Traffic\CS2B11.dgn
2/17/2016 9:15:38 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B

CS-2B11

SHEET NO. 3-177

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

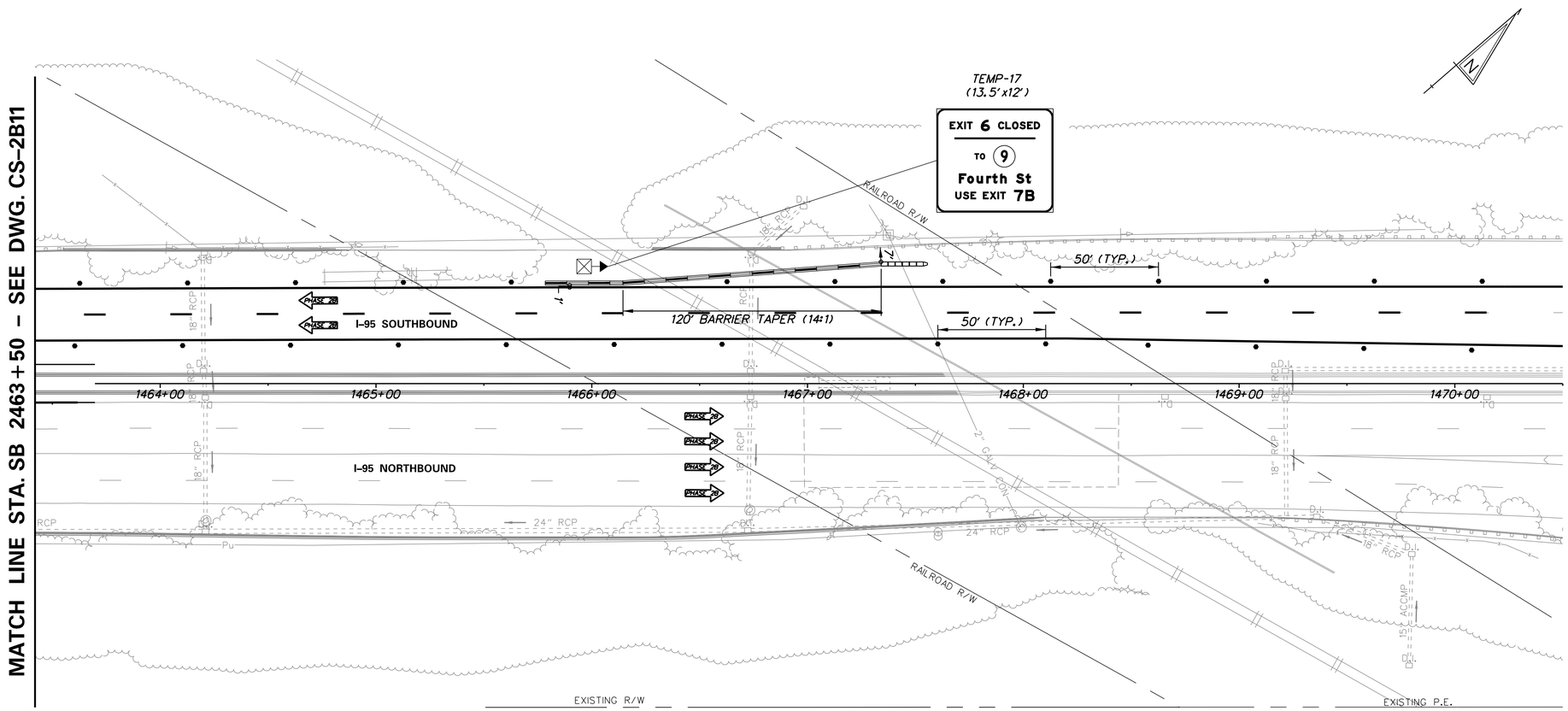
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

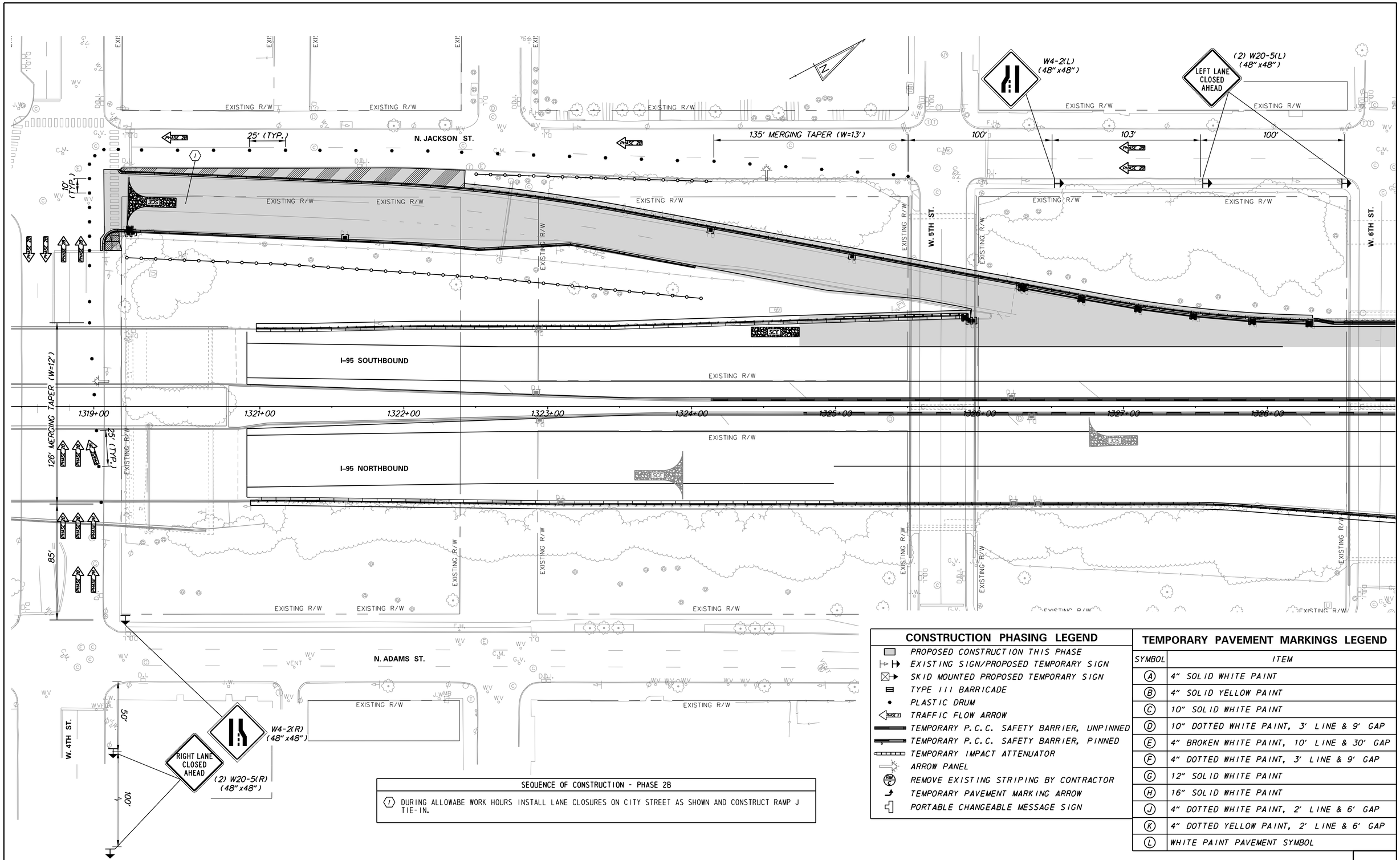
SEQUENCE OF CONSTRUCTION - PHASE 2B

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB AND I-95 SB, AS SHOWN ON PLAN.
2. INSTALL ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 2B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS2B12.dgn
2/11/2016 9:15:39 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B	CS-2B12 / SHEET NO. 3-178 / TOTAL SHTS. 3-420



SEQUENCE OF CONSTRUCTION - PHASE 2B

(1) DURING ALLOWABE WORK HOURS INSTALL LANE CLOSURES ON CITY STREET AS SHOWN AND CONSTRUCT RAMP J TIE-IN.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

CS-2B13

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2B

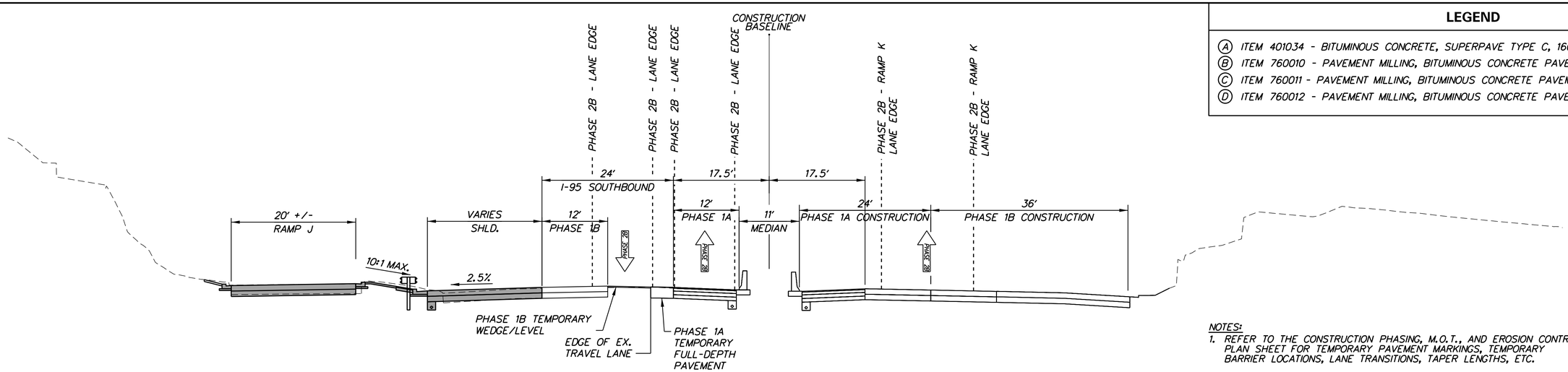
SHEET NO. 3-179

TOTAL SHTS. 3-420

N:\31987-004\C400\Traffic\CS2B13.dgn
2/17/2016 9:15:40 AM

LEGEND

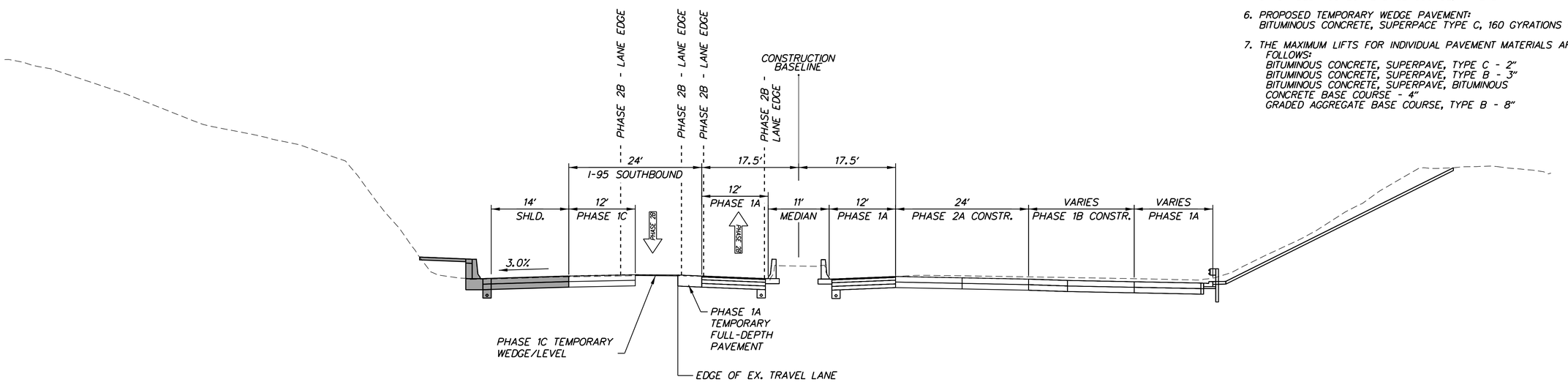
- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



I–95 PHASE 2B
STATION 1324+75 TO STATION 1328+05

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"



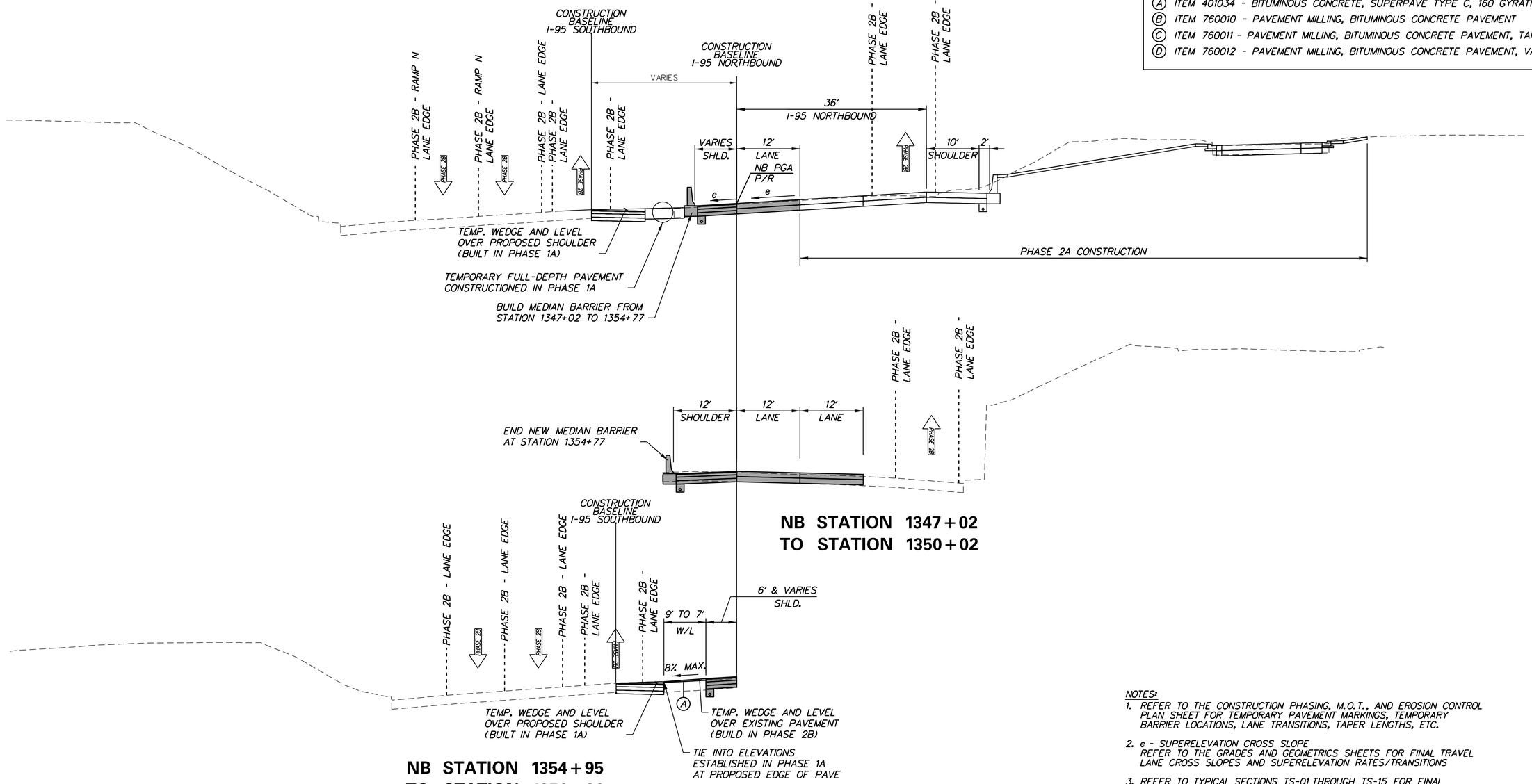
I–95 PHASE 2B
STATION 1328+05 TO STATION 1330+55

N:\31987-004\CADD\Traffic\CS2B14_TS.dgn
2/11/2018 9:15:41 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	M.O.T. TYPICAL SECTIONS	CS-2B14
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-180
					CHECKED BY: WRA		TOTAL SHTS. 3-420

LEGEND

- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



I-95 PHASE 2B

NB STATION 1347+02 TO NB STATION 1356+32
SB STATION 2347+10 TO SB STATION 2356+32

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

CS-2B15

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	M.O.T. TYPICAL SECTIONS	SHEET NO. 3-181
				COUNTY NEW CASTLE	DESIGNED BY: WRA		TOTAL SHTS. 3-420
					CHECKED BY: WRA		

N:\31987-004\CADD\Traffic\CS2B15_TS.dgn
2/11/2018 9:15:42 AM

CONSTRUCTION PHASING LEGEND

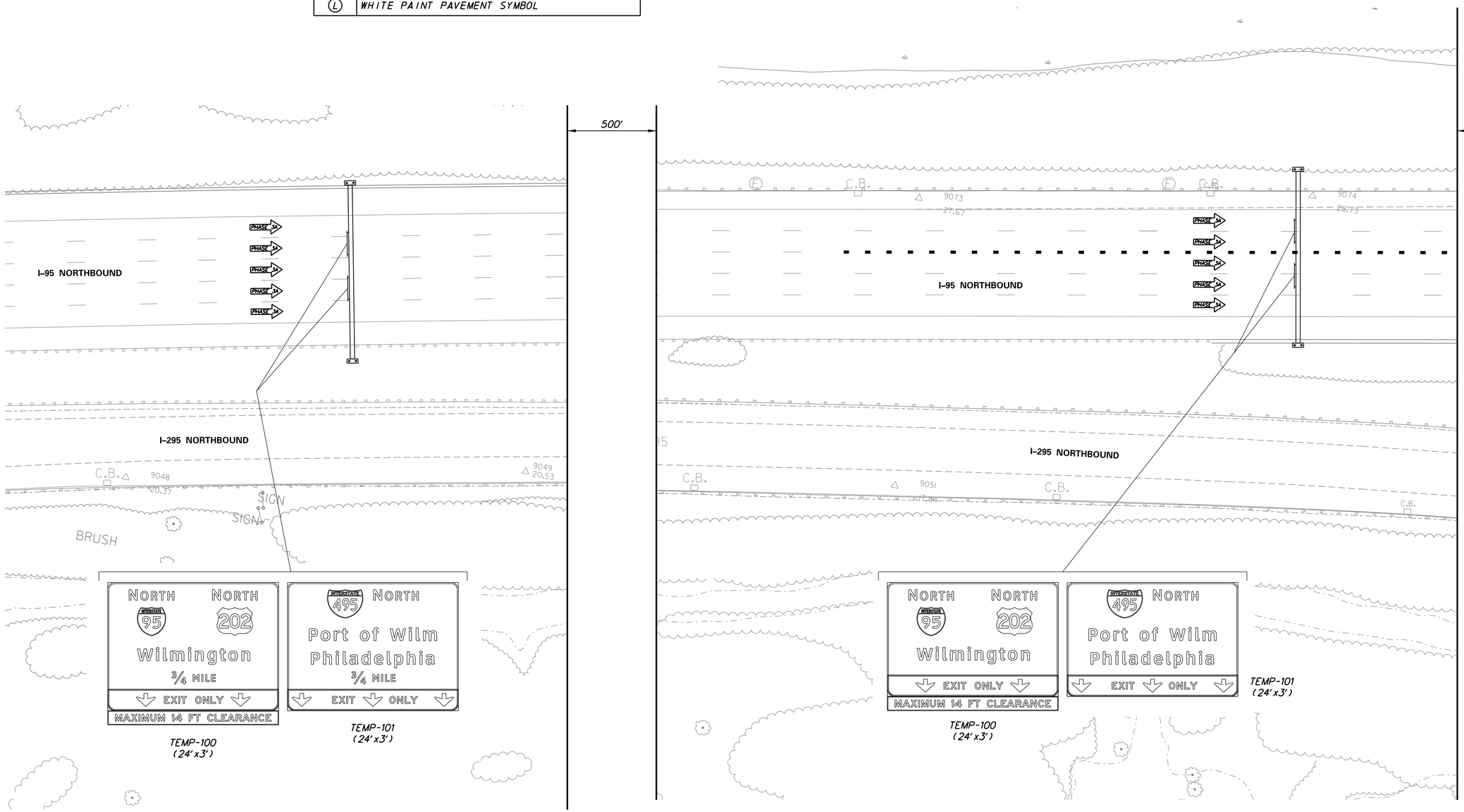
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. MAINTAIN TEMPORARY TRAFFIC CONTROL DEVICES FROM STAGE 2A FOR I-95 NB AND I-95 SB, AS SHOWN ON PLAN.



MATCH LINE - SEE DWG. CS-3A02

N:\31987-004\C&D\Traffic\CS3A01.dgn
2/17/2016 9:54:16 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

	CS-3A01
SHEET NO.	3-182
TOTAL SHTS.	3-420

CONSTRUCTION PHASING LEGEND

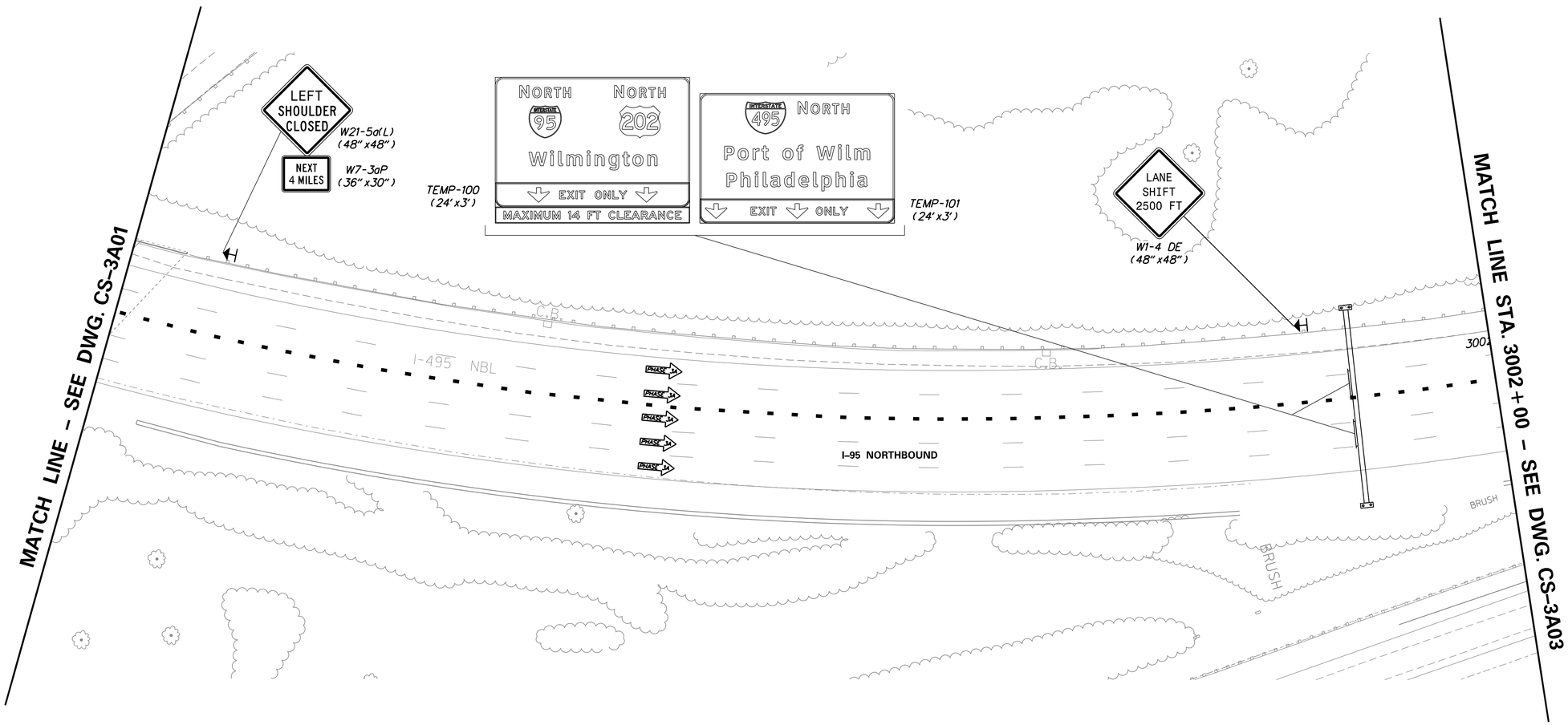
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3A02.dgn
2/11/2018 9:15:47 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1A

CS-3A02

SHEET NO. 3-183

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

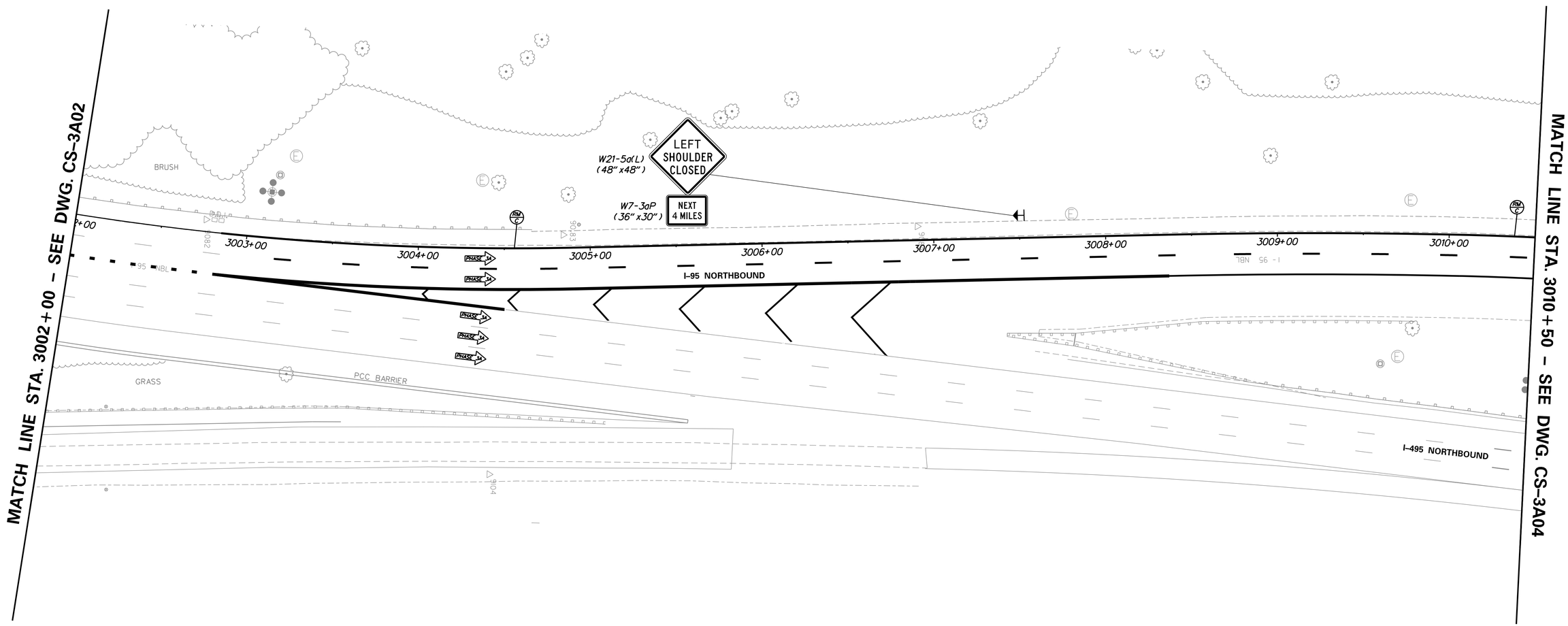
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A03

SHEET NO. 3-184

TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3A03.dgn
2/11/2016 9:15:48 AM

CONSTRUCTION PHASING LEGEND

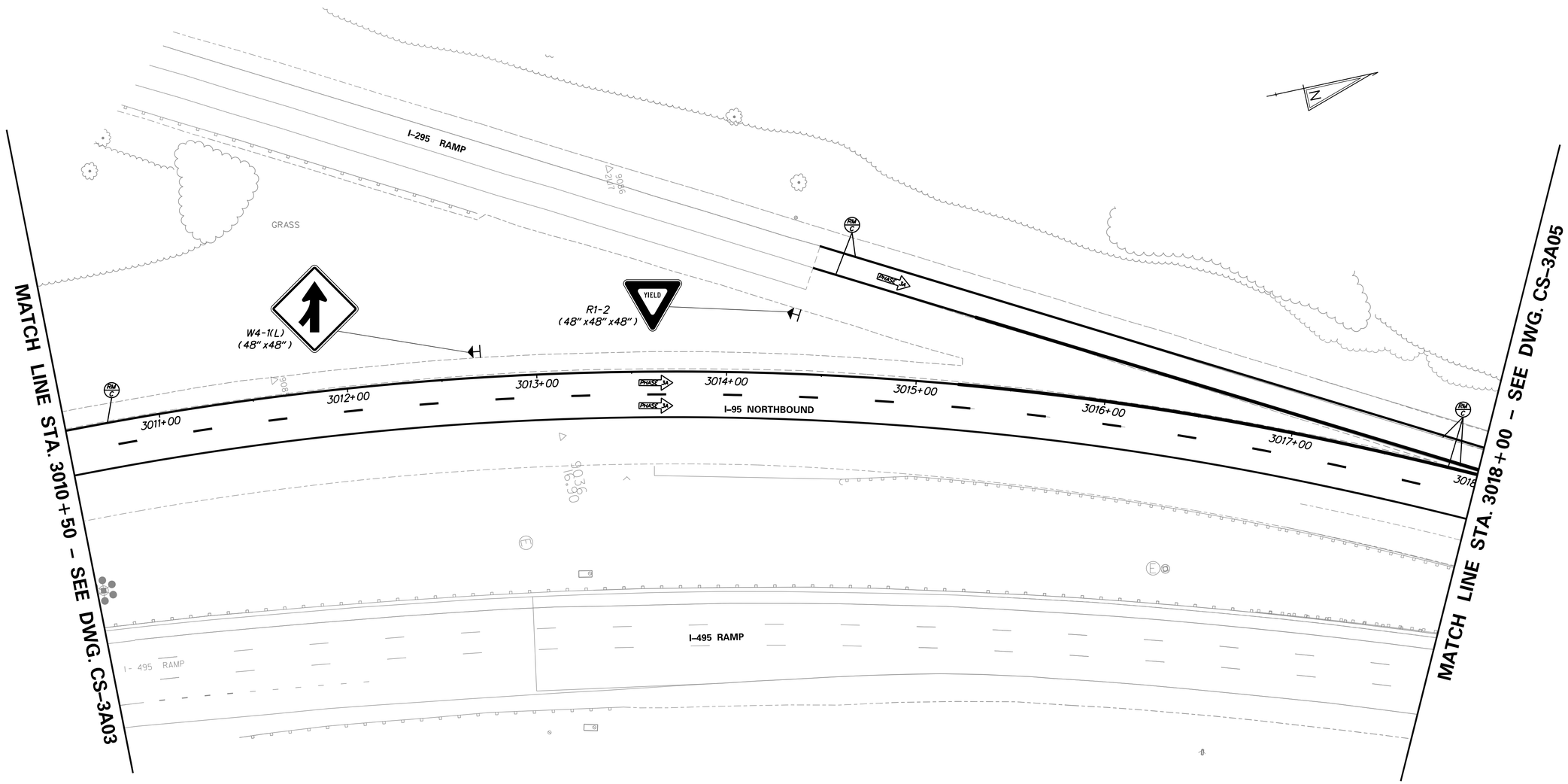
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3A04.dgn
2/11/2018 9:15:49 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

CS-3A04

SHEET NO. 3-185

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

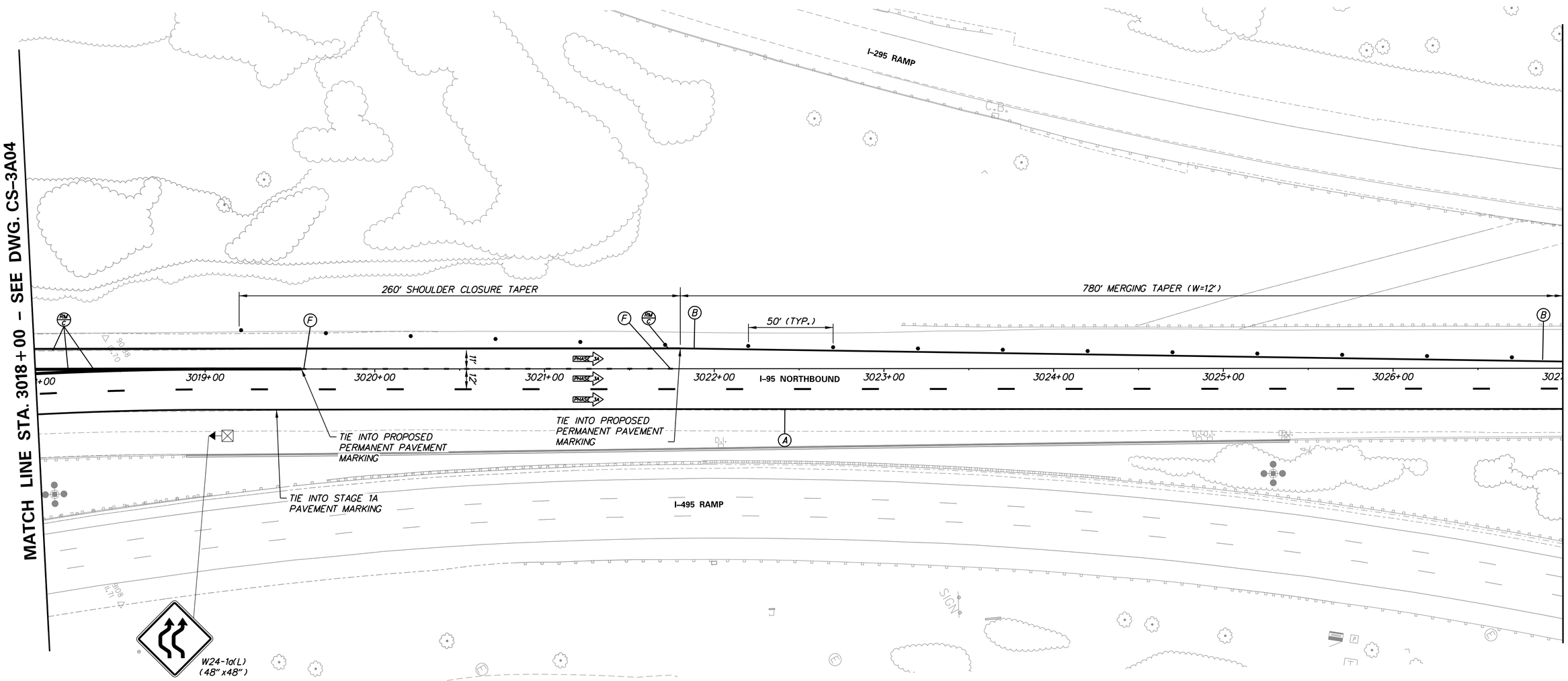
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3A05.dgn
2/11/2018 9:15:50 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A05

SHEET NO. 3-186

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

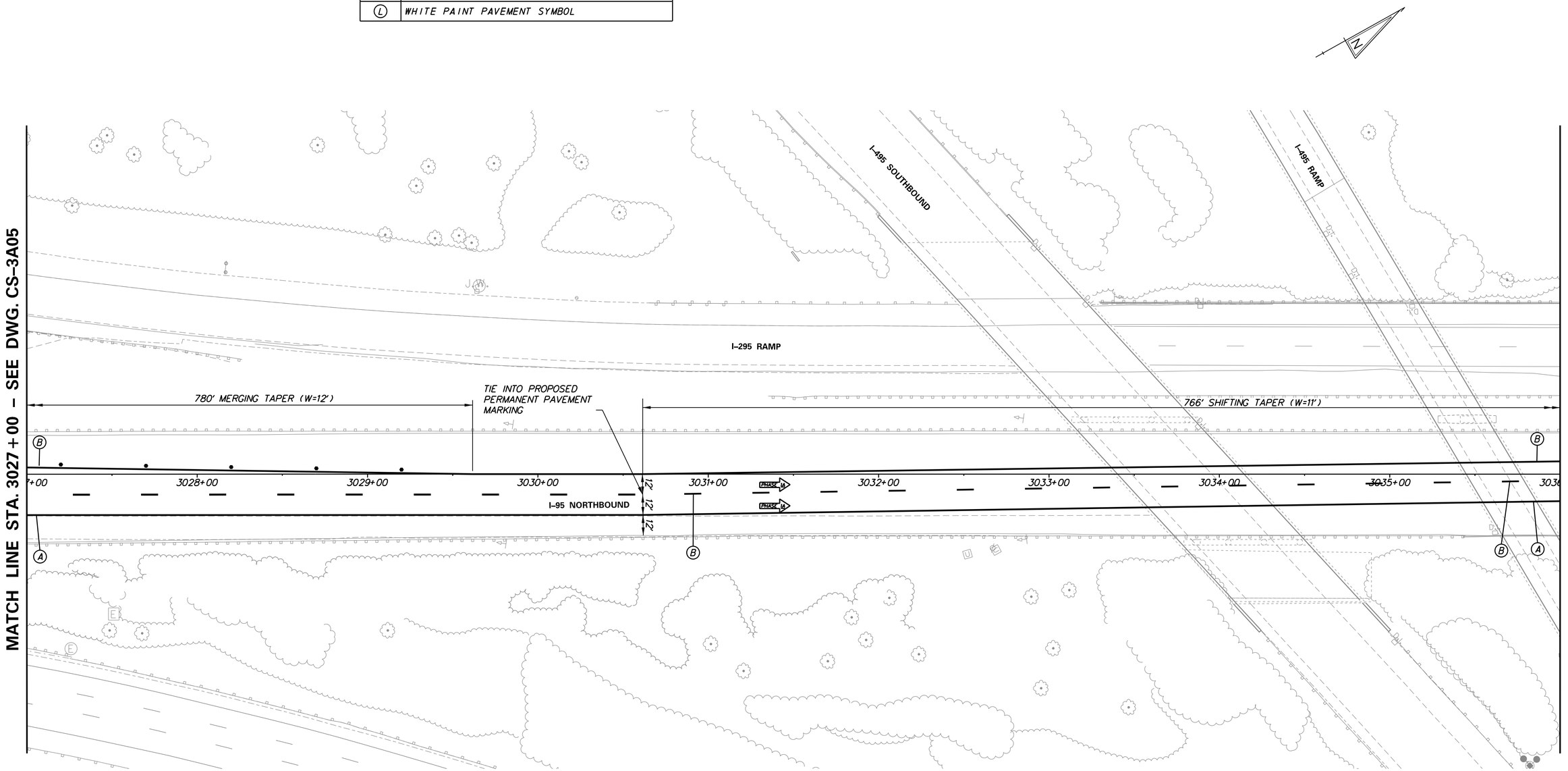
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3A06.dgn
2/11/2018 9:15:52 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A06

SHEET NO. 3-187

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

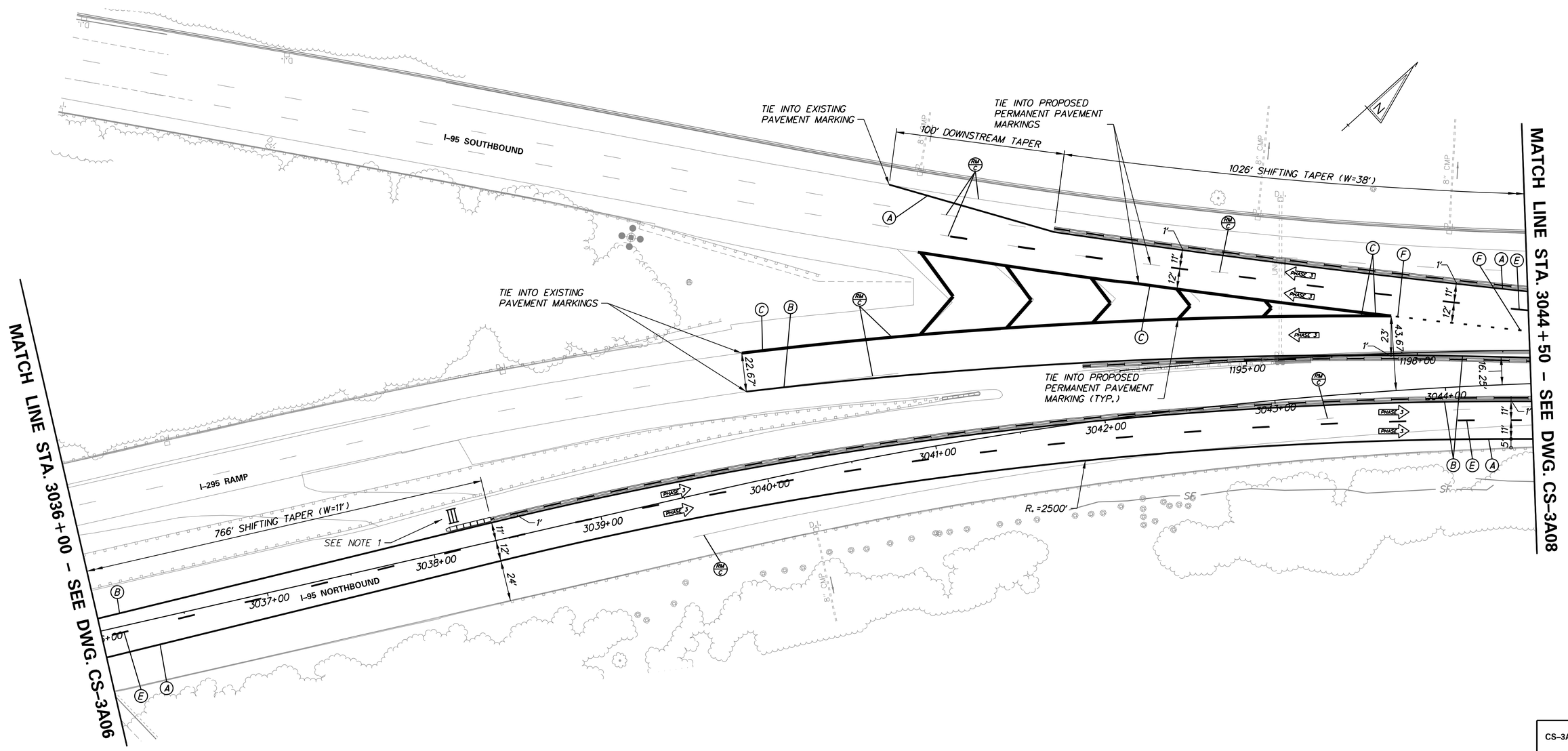
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 3038+10 AND STA. 3041+10.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A07 | SHEET NO. 3-188 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3A07.dgn
2/11/2016 9:15:53 AM

CONSTRUCTION PHASING LEGEND

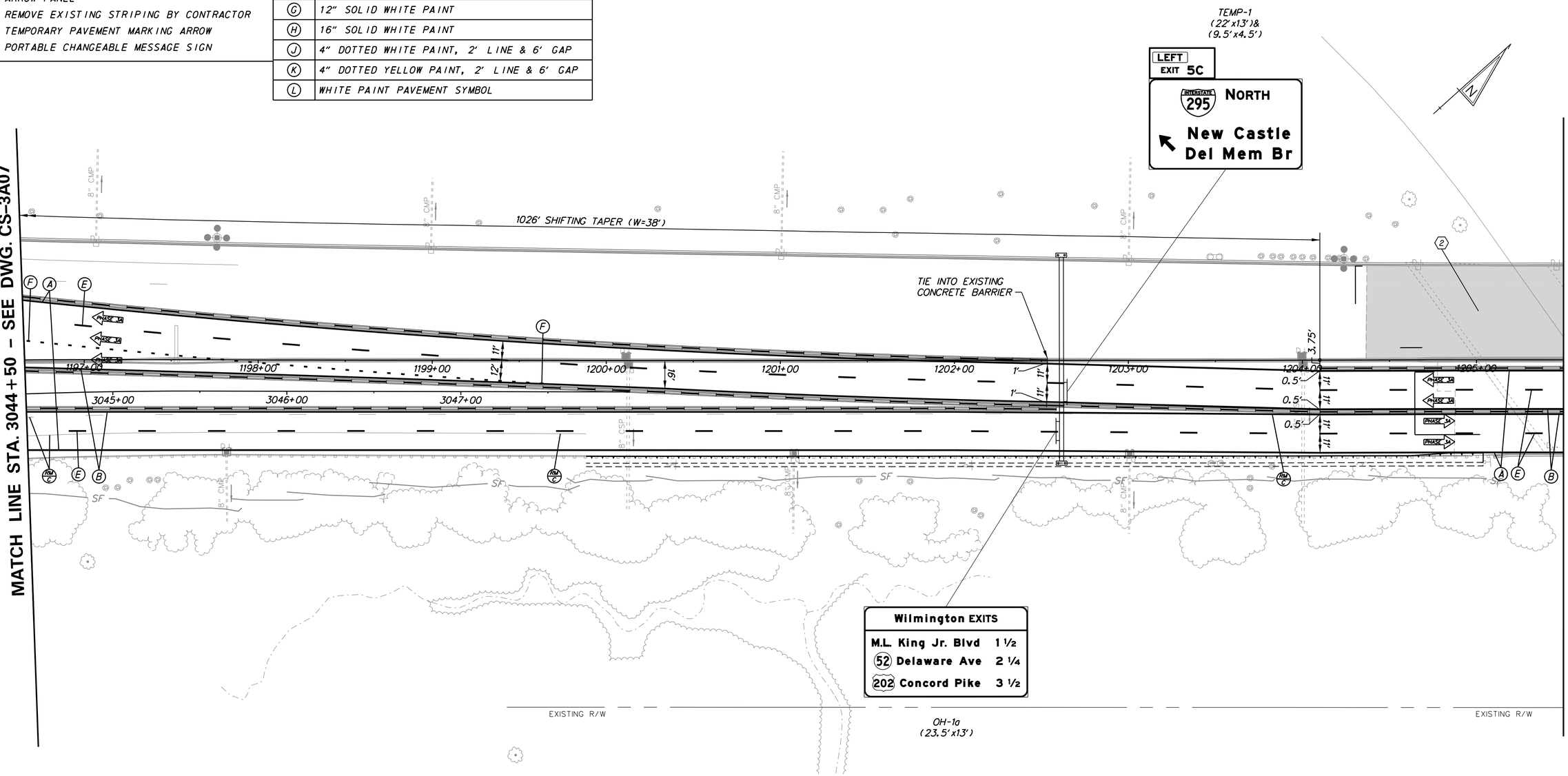
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A08 | SHEET NO. 3-189 | TOTAL SHTS. 3-420

N:\31987-004\C&D\Traffic\CS3A08.dgn 2/11/2018 9:15:54 AM

CONSTRUCTION PHASING LEGEND

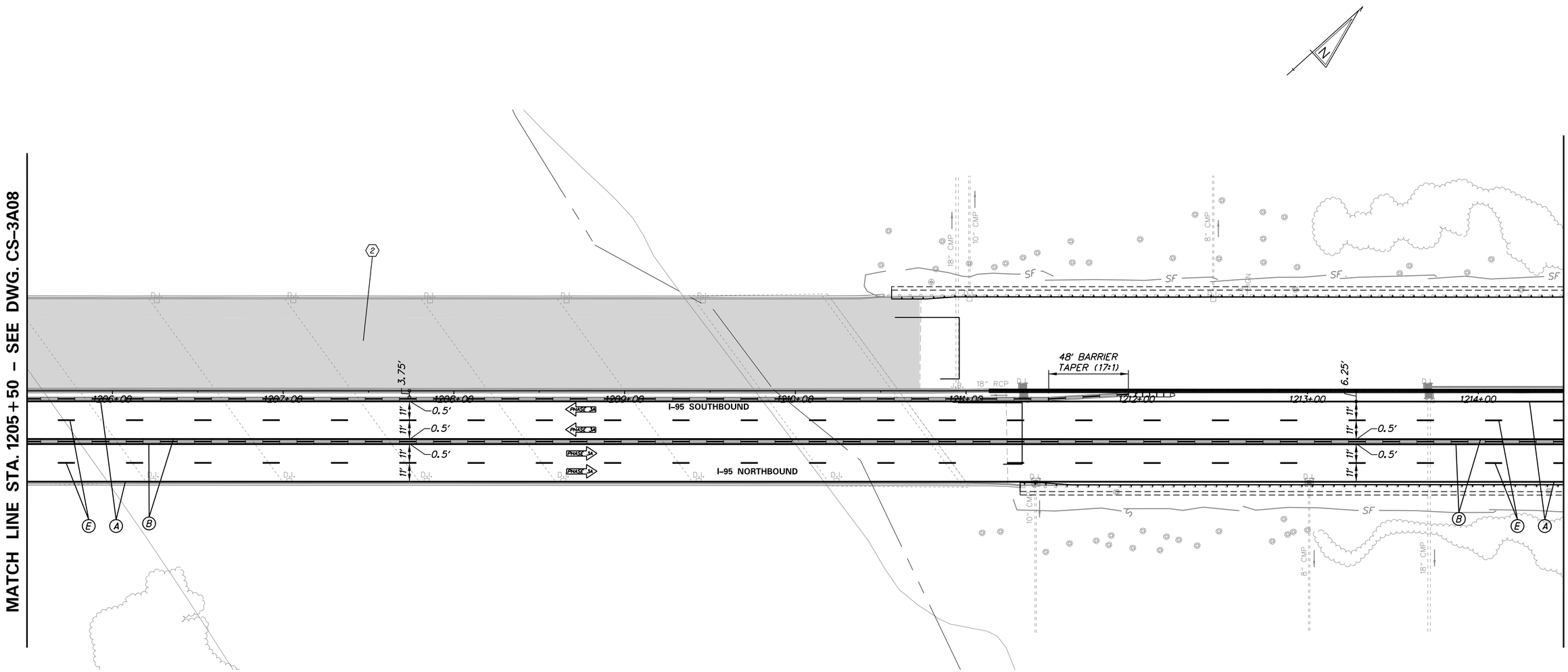
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\CADD\Traffic\CS3A09.dgn
2/11/2019 9:15:55 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS–3A09

SHEET NO. 3-190

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

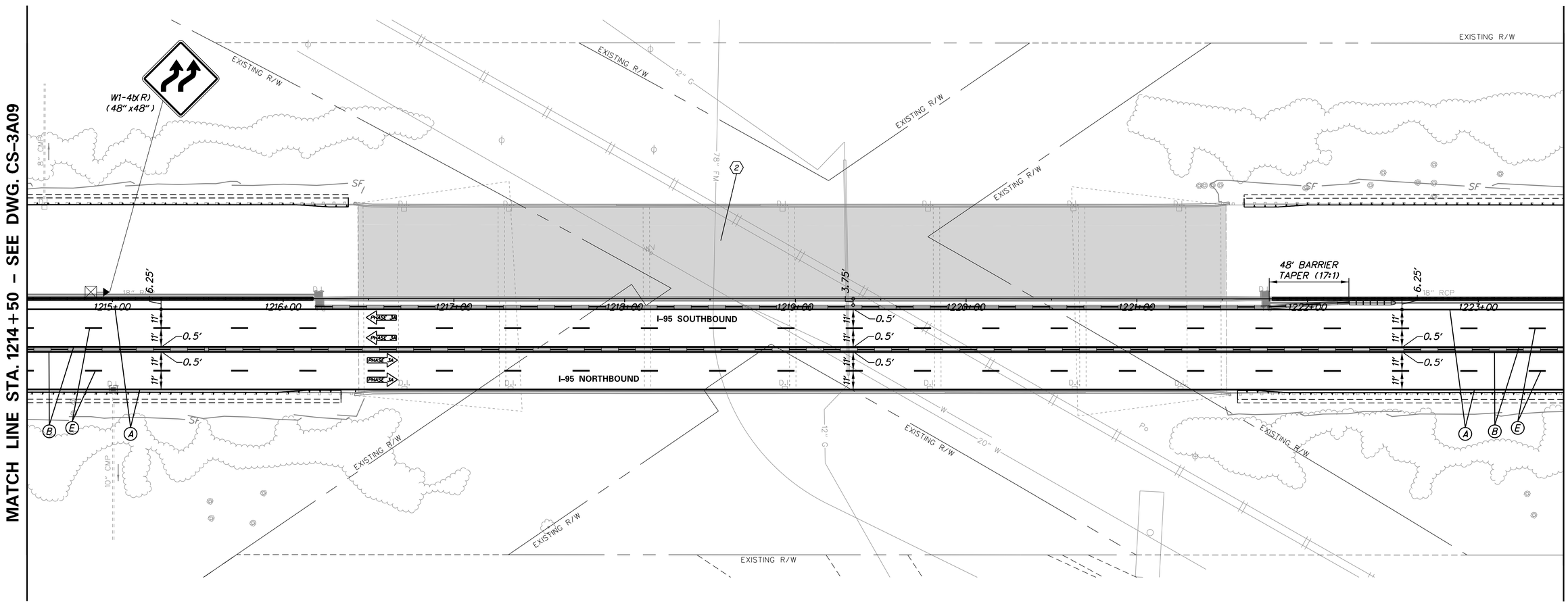
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A	CS-3A10
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-191
					CHECKED BY: WRA		TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3A10.dgn
2/11/2016 9:15:56 AM

CONSTRUCTION PHASING LEGEND

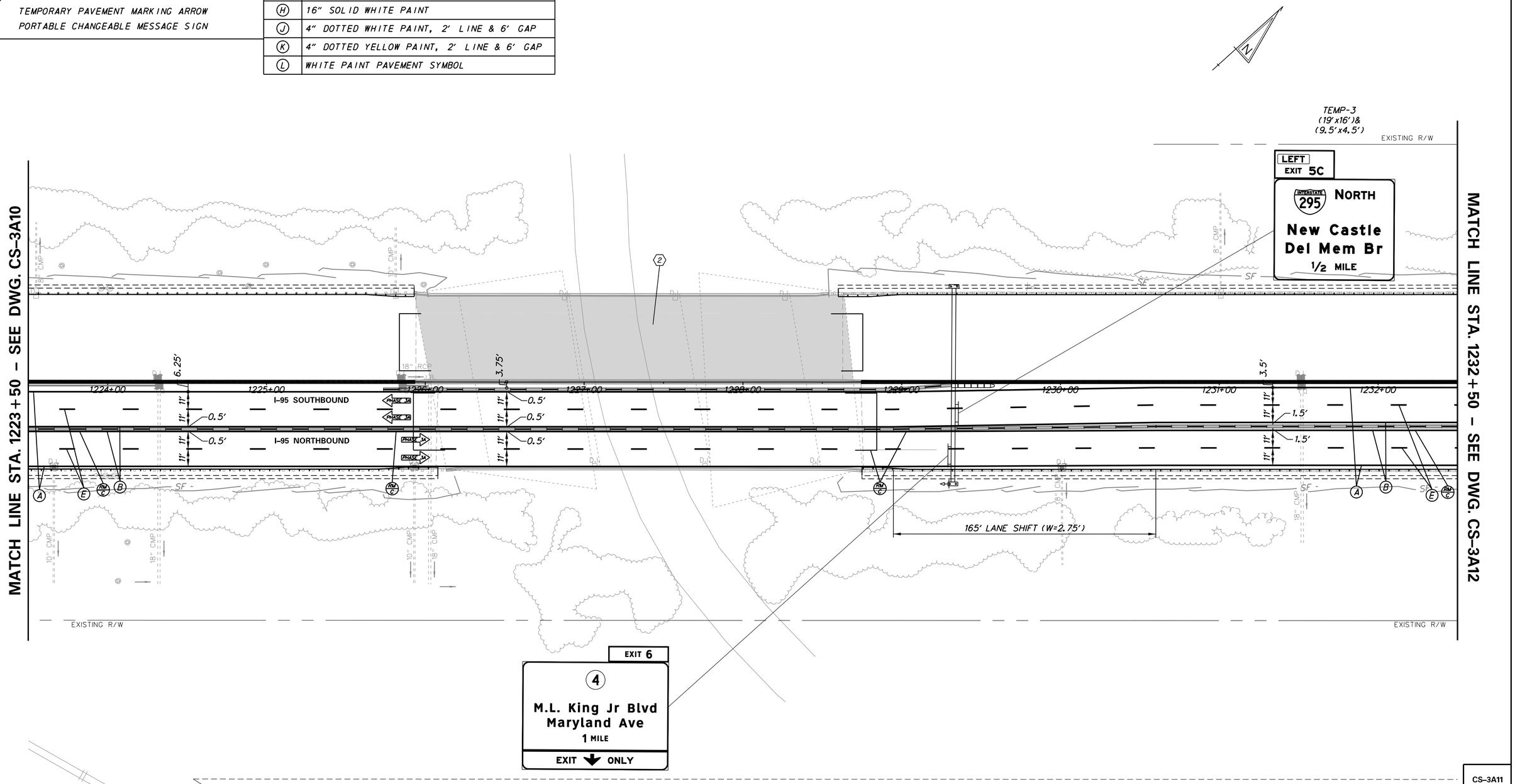
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\C400\Traffic\CS3A11.dgn
2/11/2018 9:15:57 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A	CS-3A11 / SHEET NO. 3-192 / TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

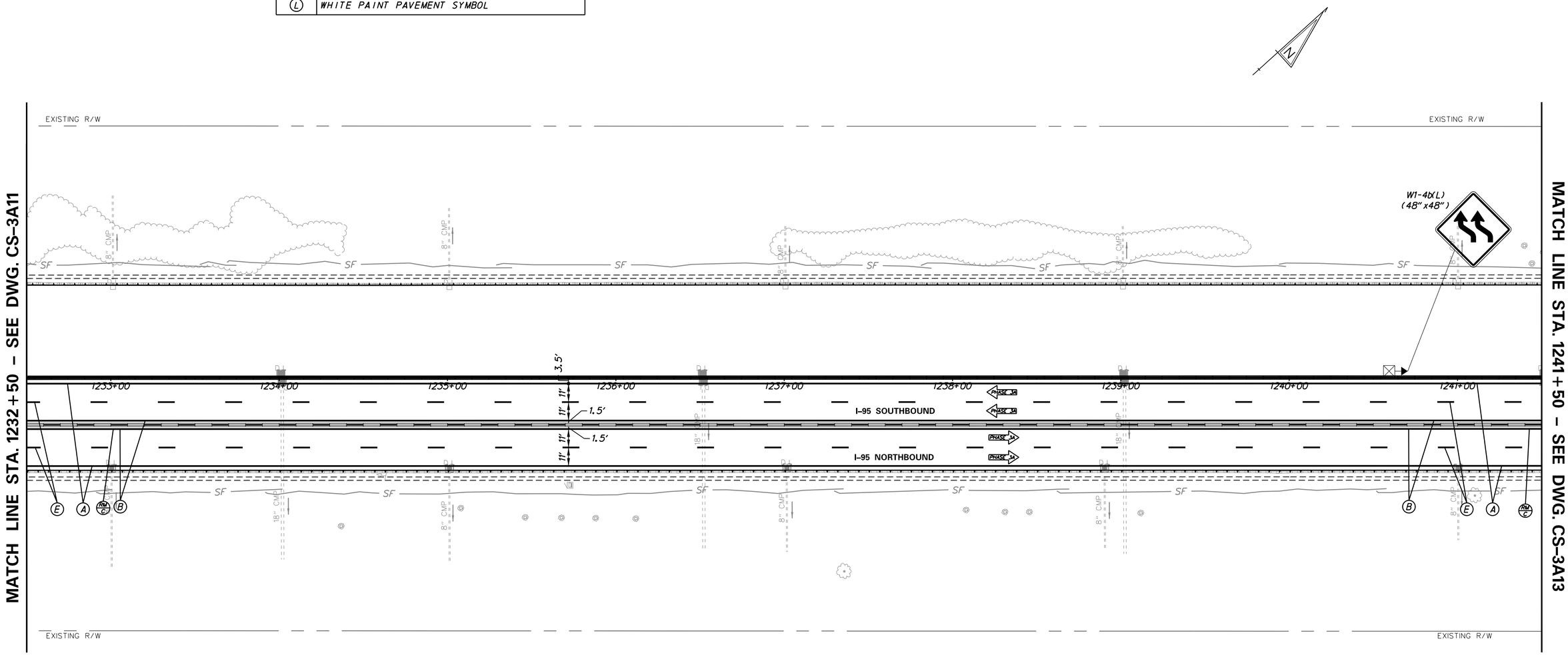
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\C&D\Traffic\CS3A12.dgn
2/11/2019 9:15:58 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A12	
SHEET NO.	3-193
TOTAL SHTS.	3-420

CONSTRUCTION PHASING LEGEND

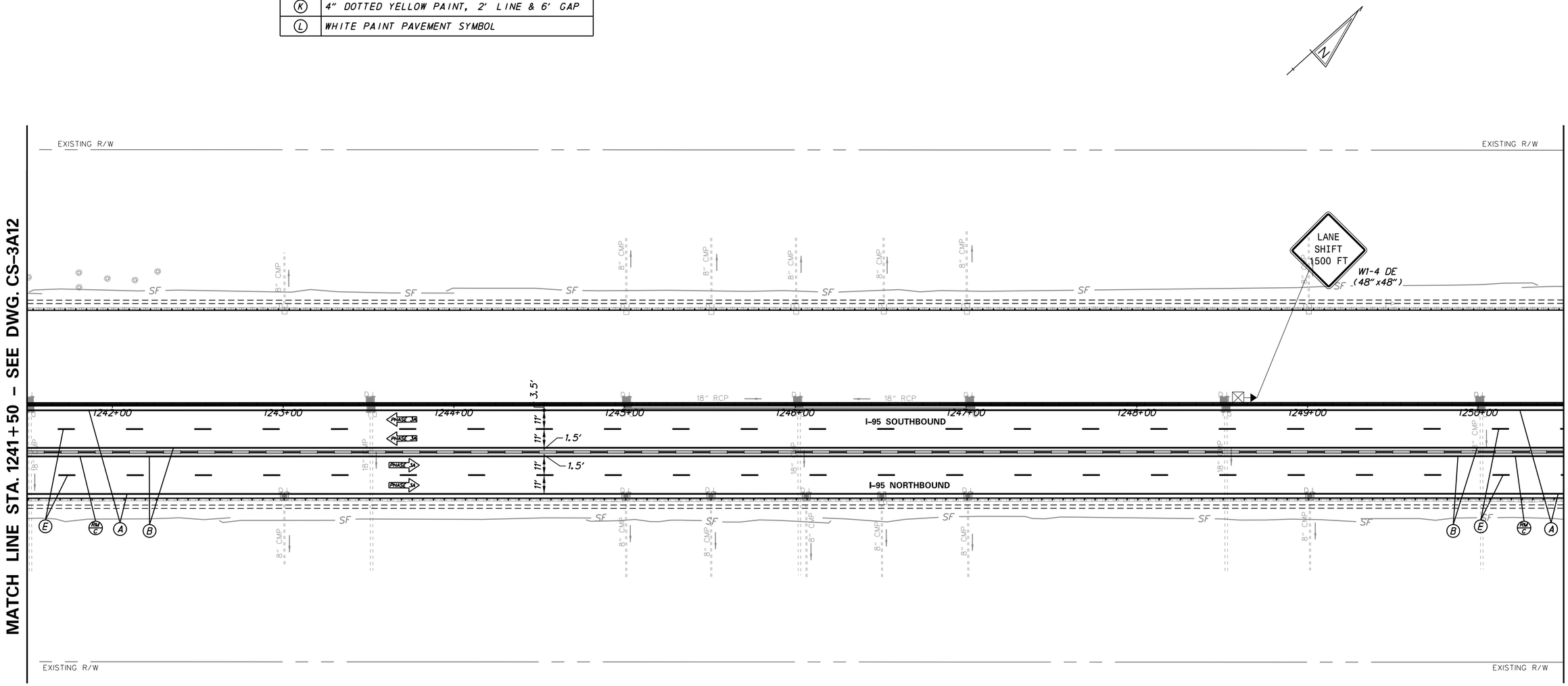
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-094\C&D\Traffic\CS3A13.dgn
2/11/2018 9:15:59 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: WRA	
COUNTY		
NEW CASTLE	CHECKED BY: WRA	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS–3A13
SHEET NO.
3-194
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

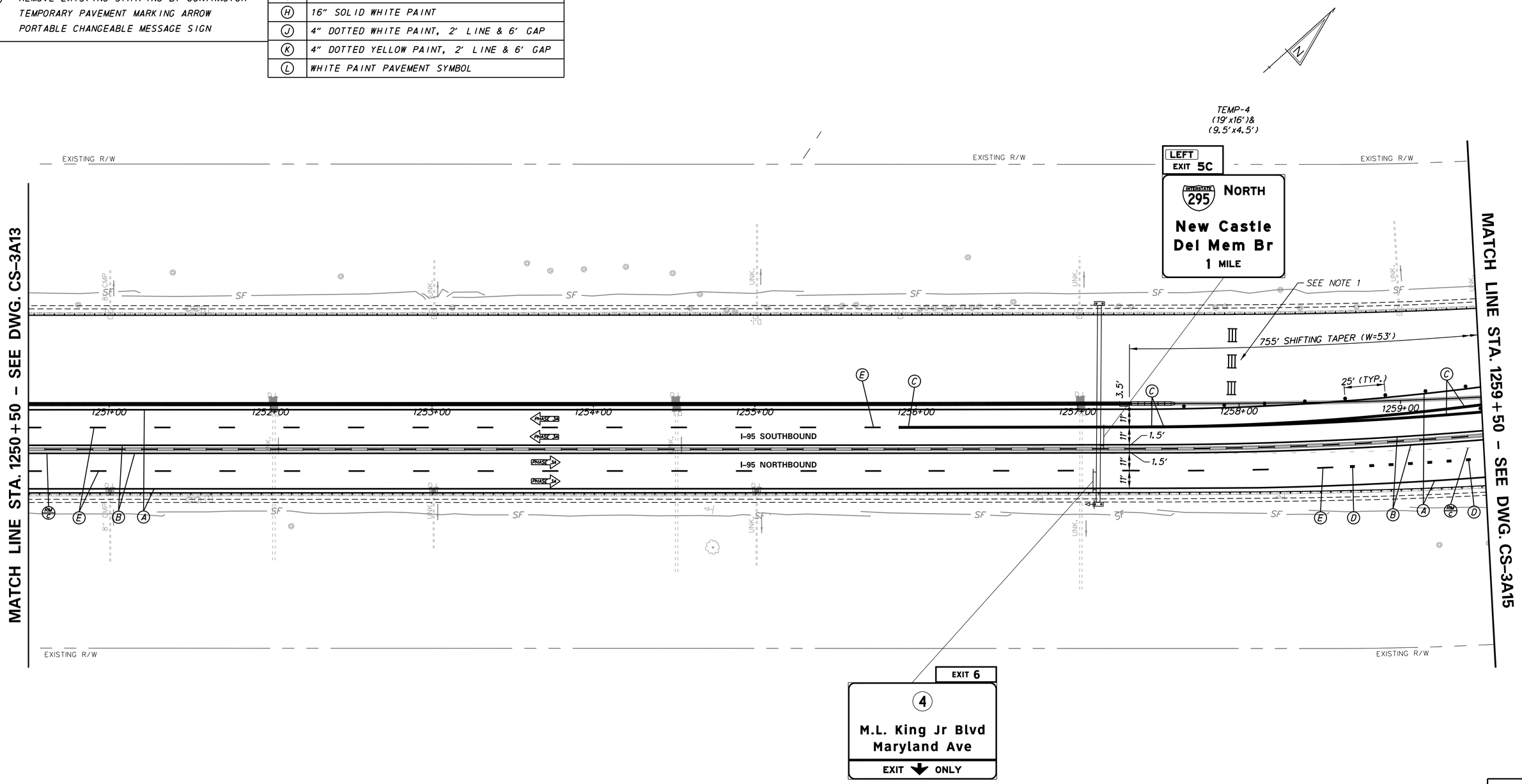
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE CONCRETE MEDIAN BARRIER BETWEEN STA. 1254+60 AND STA. 1257+60.



N:\31987-094\C&D\Traffic\CS3A14.dgn
2/11/2018 9:16:01 AM

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN – PHASE 3A

CS-3A14
SHEET NO.
3-195
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

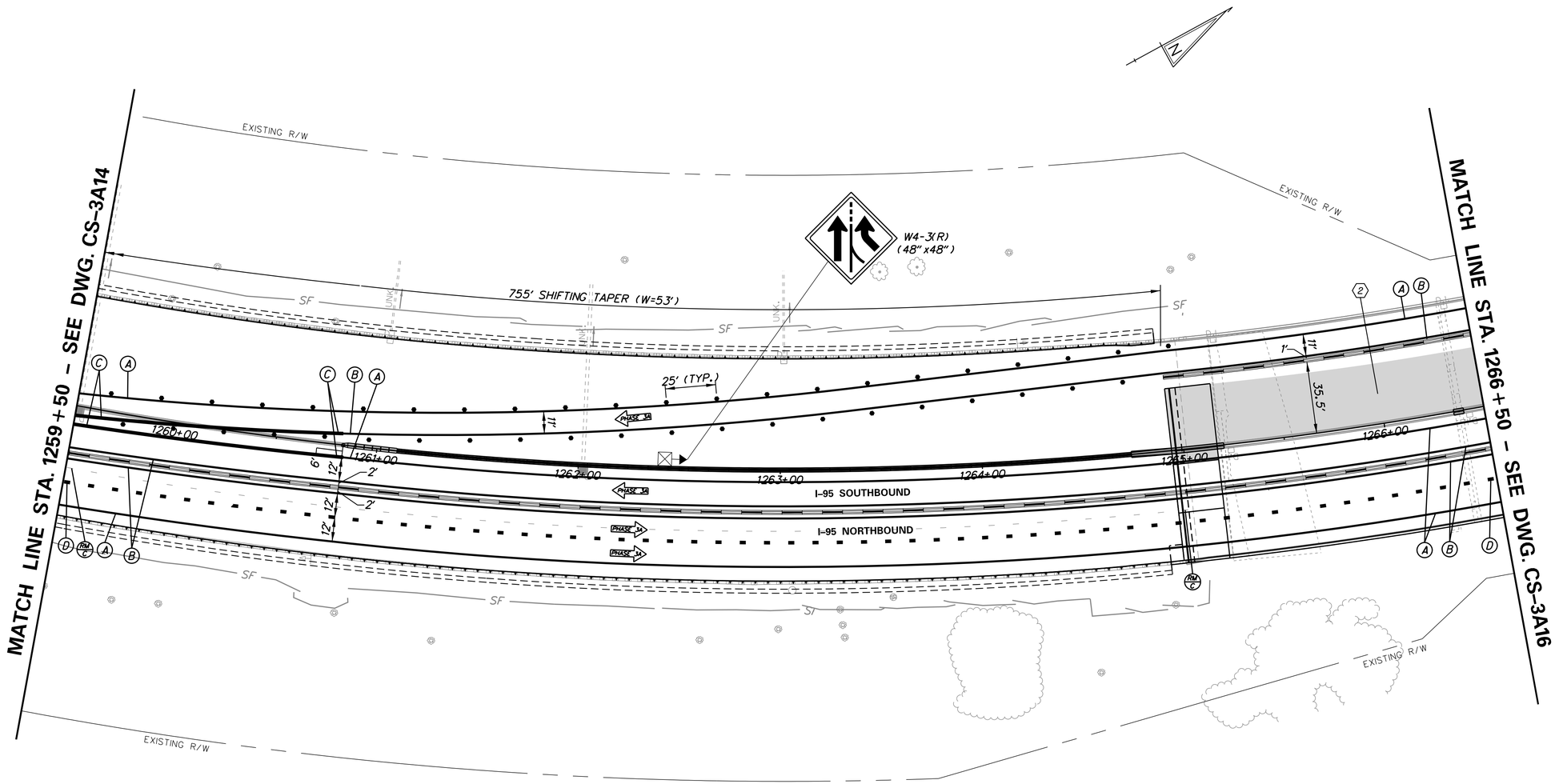
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

CS-3A15 | SHEET NO. 3-196 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3A15.dgn
2/11/2016 9:16:03 AM

CONSTRUCTION PHASING LEGEND

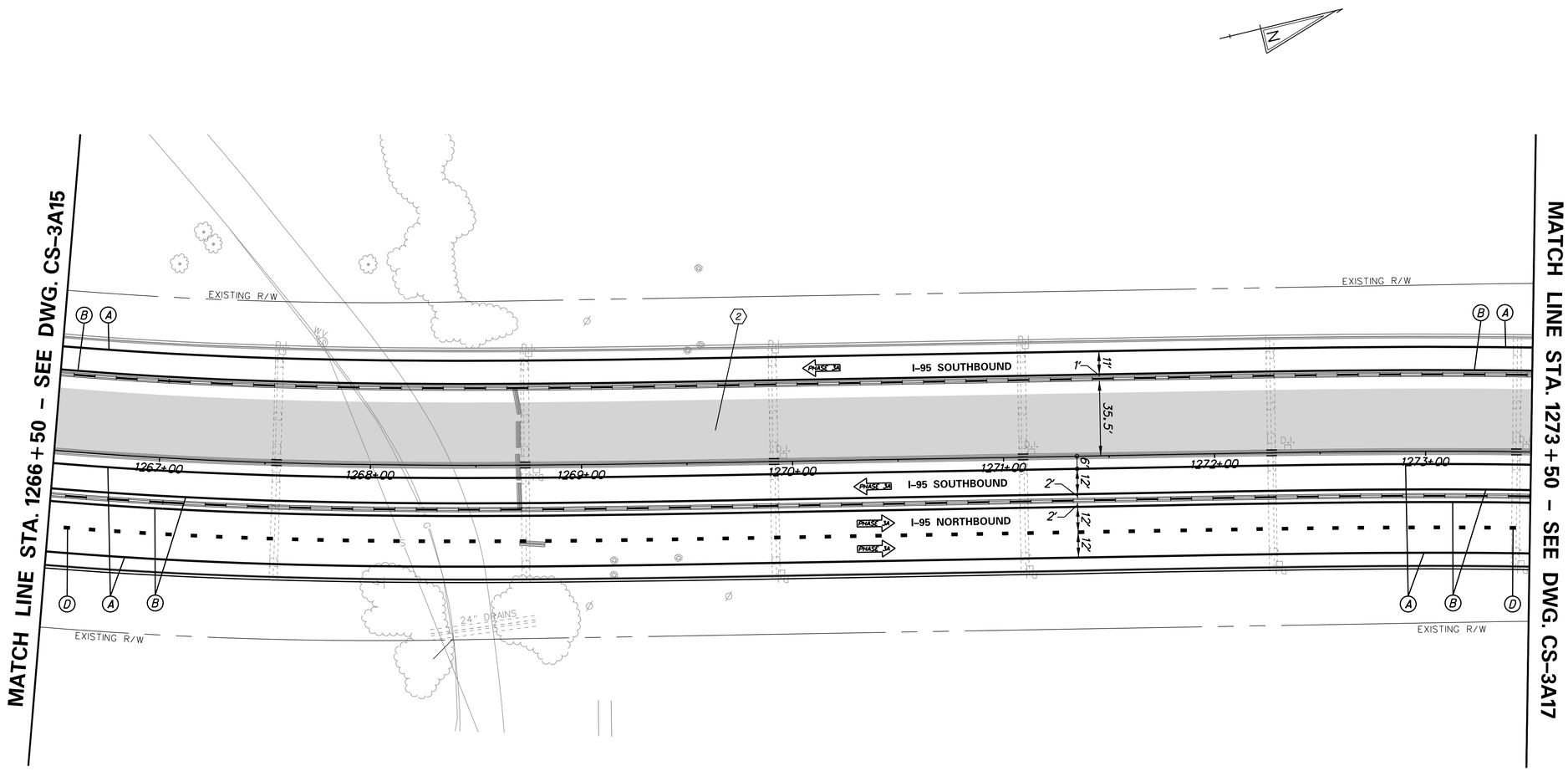
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

CS-3A16 | SHEET NO. 3-197 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3A16.dgn
2/11/2016 9:16:04 AM

CONSTRUCTION PHASING LEGEND

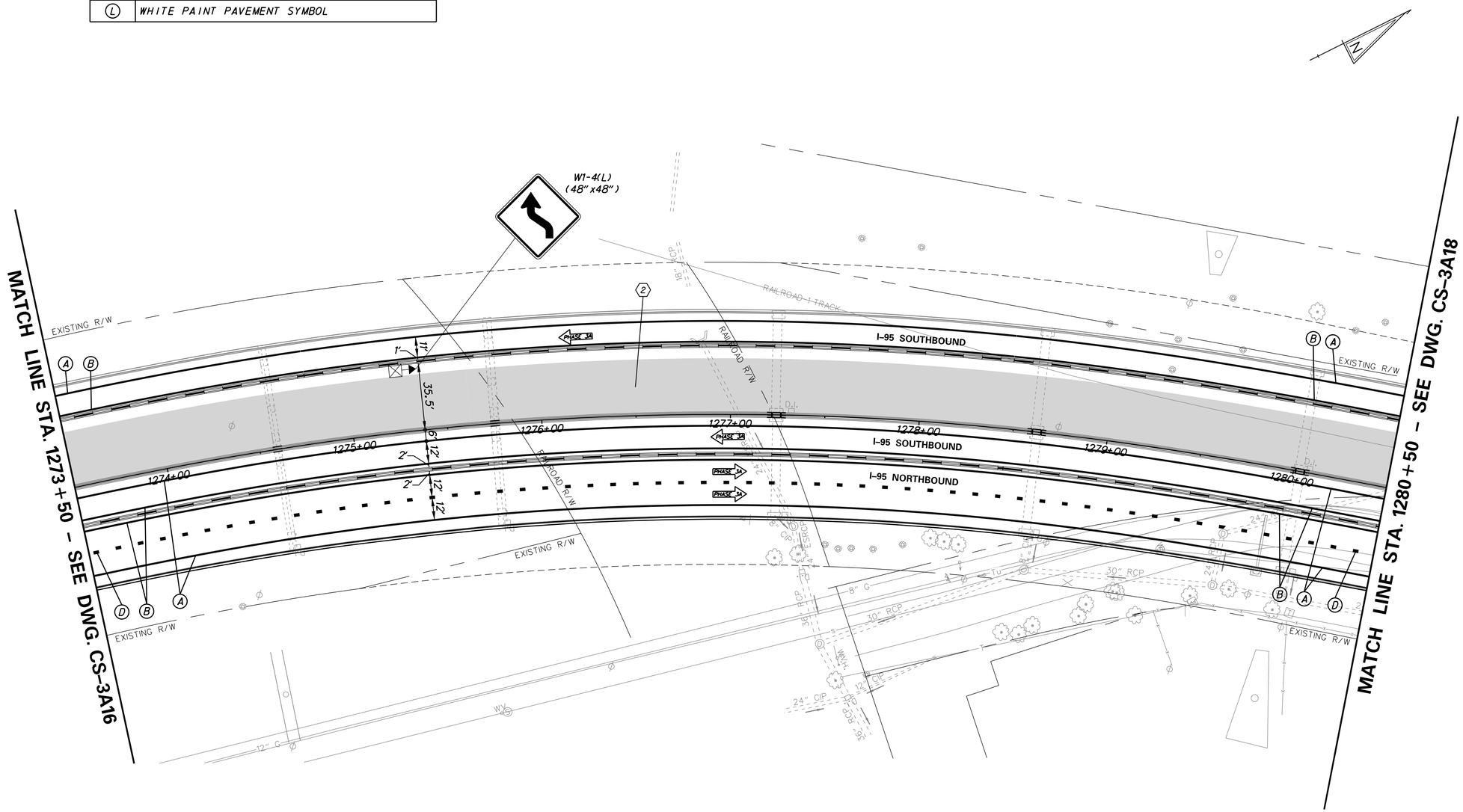
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A	CS-3A17
T201407404	DESIGNED BY: WRA		SHEET NO. 3-198
COUNTY NEW CASTLE	CHECKED BY: WRA		TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3A17.dgn
2/11/2018 9:16:09 AM

CONSTRUCTION PHASING LEGEND

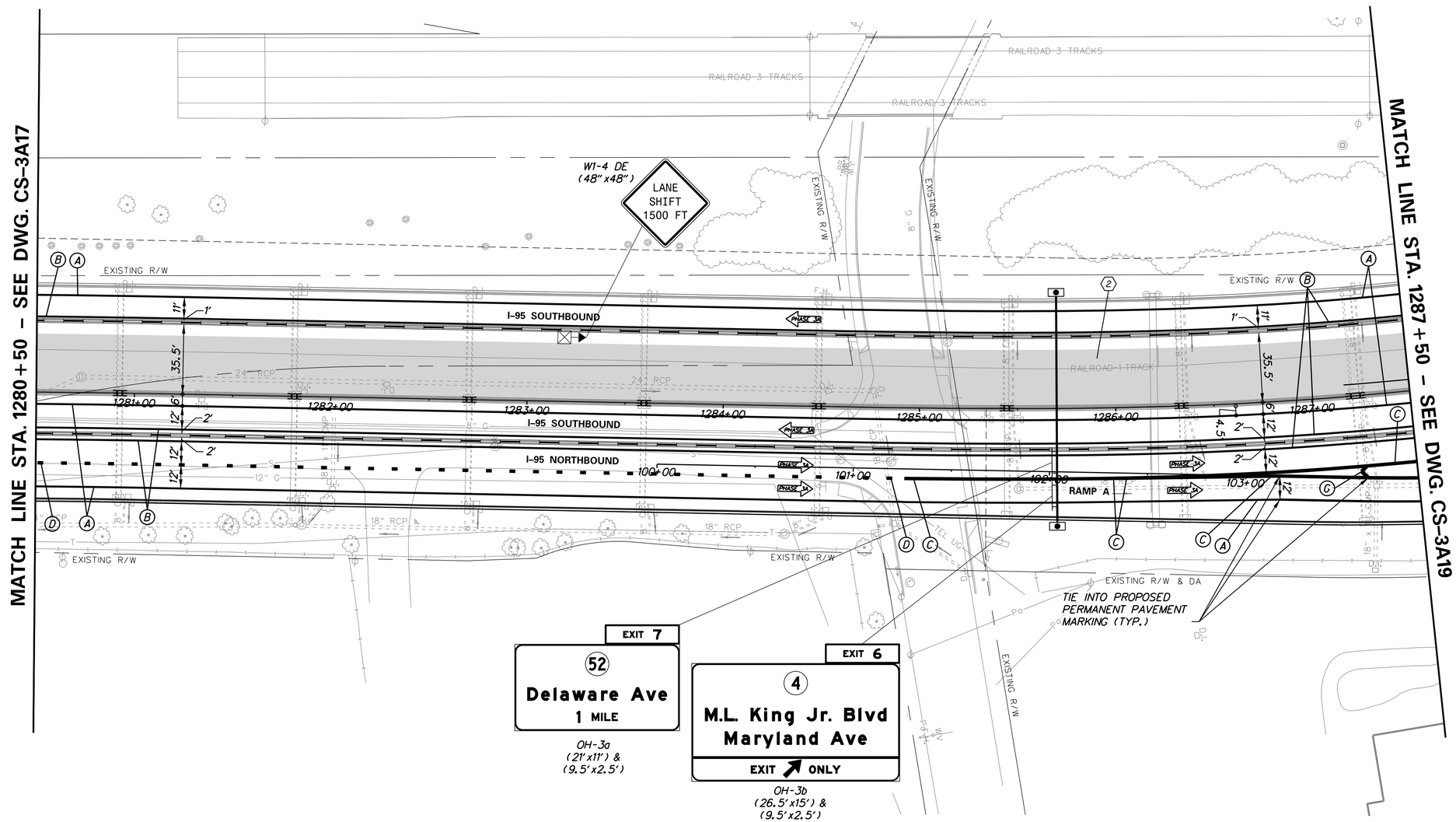
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-094\CADD\Traffic\CS3A18.dgn
2/11/2016 9:16:10 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A18

SHEET NO. 3-199

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

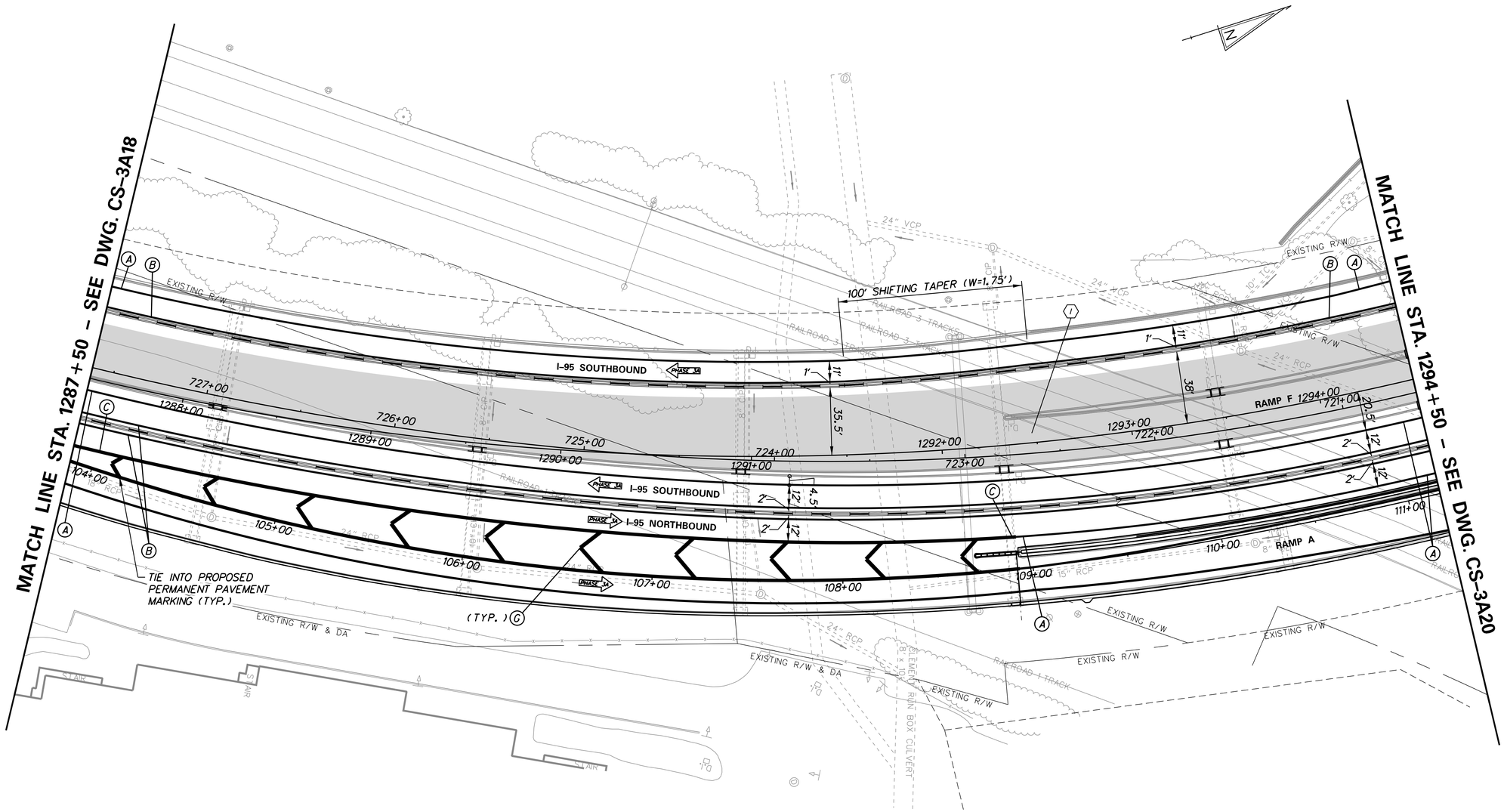
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. MAINTAIN CLOSURE OF RAMP F AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3A19.dgn
2/11/2019 9:16:11 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	
COUNTY	DESIGNED BY: WRA
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

CS-3A19

SHEET NO. 3-200

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

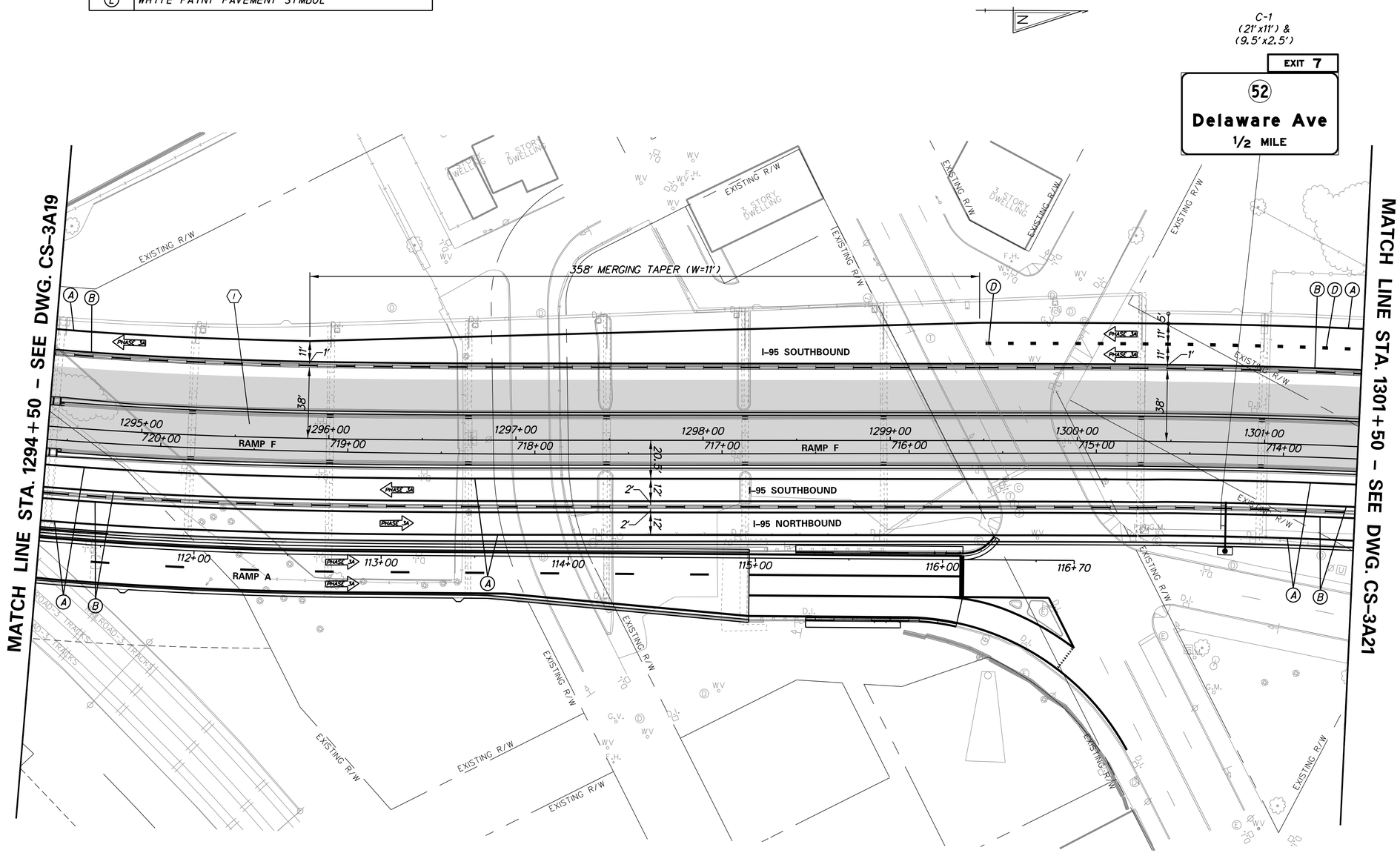
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. MAINTAIN CLOSURE OF RAMP F AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A20
SECTION
WRA
SHEET NO.
3-201

N:\31987-004\Contract_I-95\CADD\Traffic\CS3A20.dgn
5/21/2019 9:50:11 AM

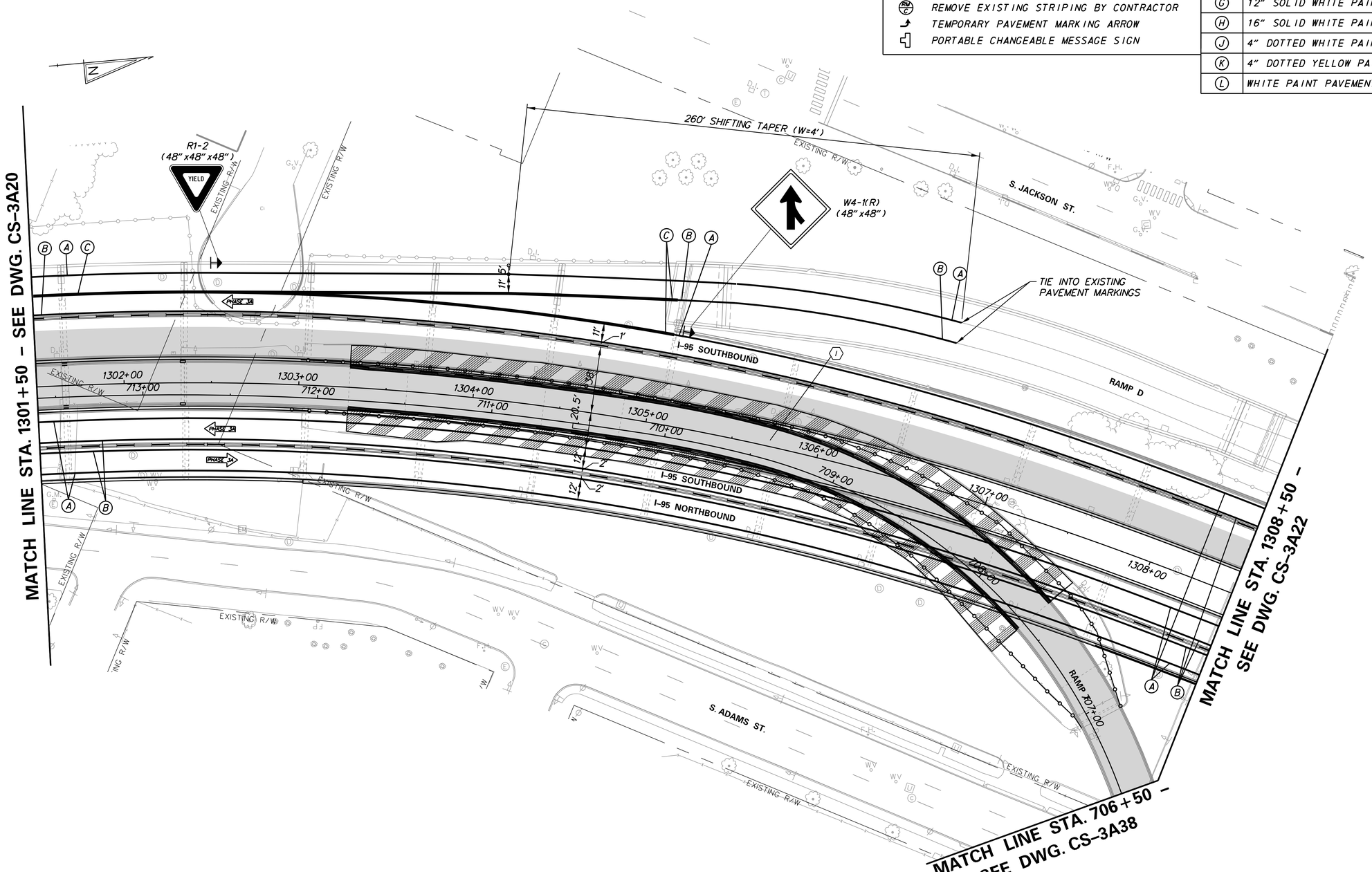
SEQUENCE OF CONSTRUCTION - PHASE 3A
(1) MAINTAIN CLOSURE OF RAMP F AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
(2) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A21
SECTION WRA
SHEET NO. 3-202

N:\31987-004\Contract_I-95\CADD\Traffic\CS3A21.dgn
5/21/2019 9:50:12 AM

CONSTRUCTION PHASING LEGEND

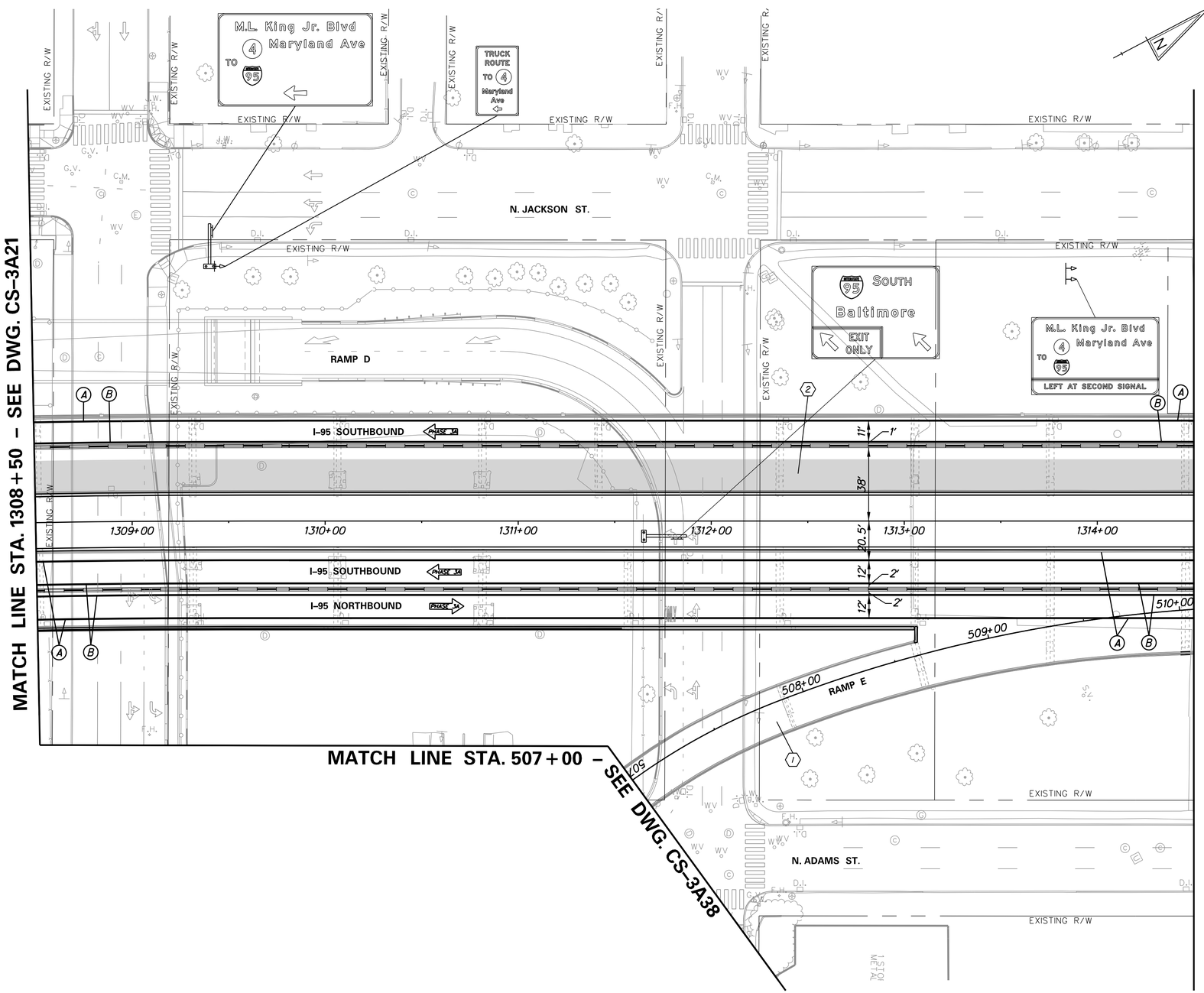
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. MAINTAIN CLOSURE OF RAMP E AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: WRA	
COUNTY		
NEW CASTLE	CHECKED BY: WRA	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A22

SECTION	SHEET NO.
WRA	3-203

N:\31987-004\Contract_I-95\CADD\Traffic\CS3A22.dgn
5/21/2019 9:50:13 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

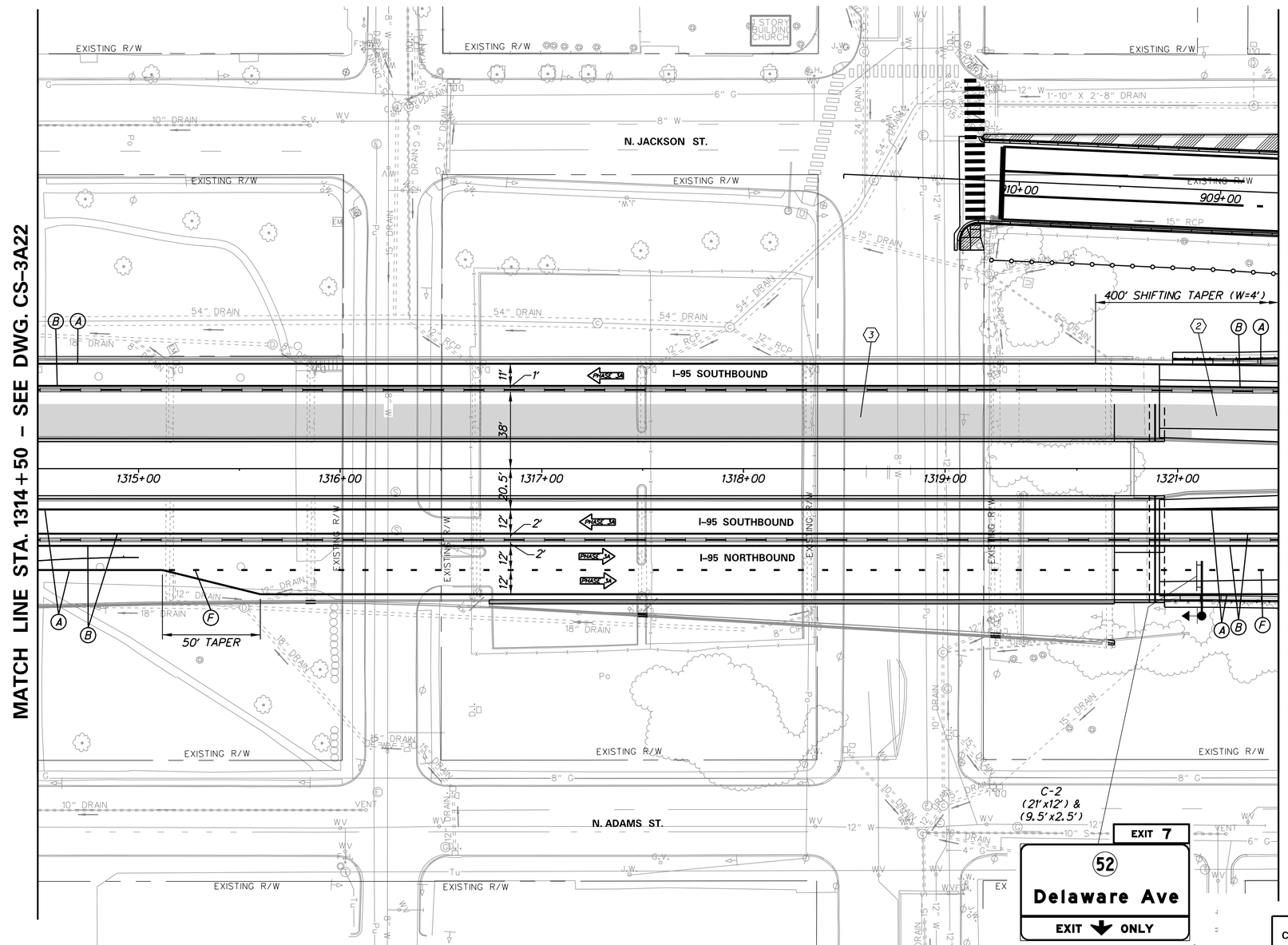
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-3A41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT ROADWAY.
3. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\CADD\Traffic\CS3A23.dgn
2/11/2019 9:16:17 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A23

SHEET NO. 3-204

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

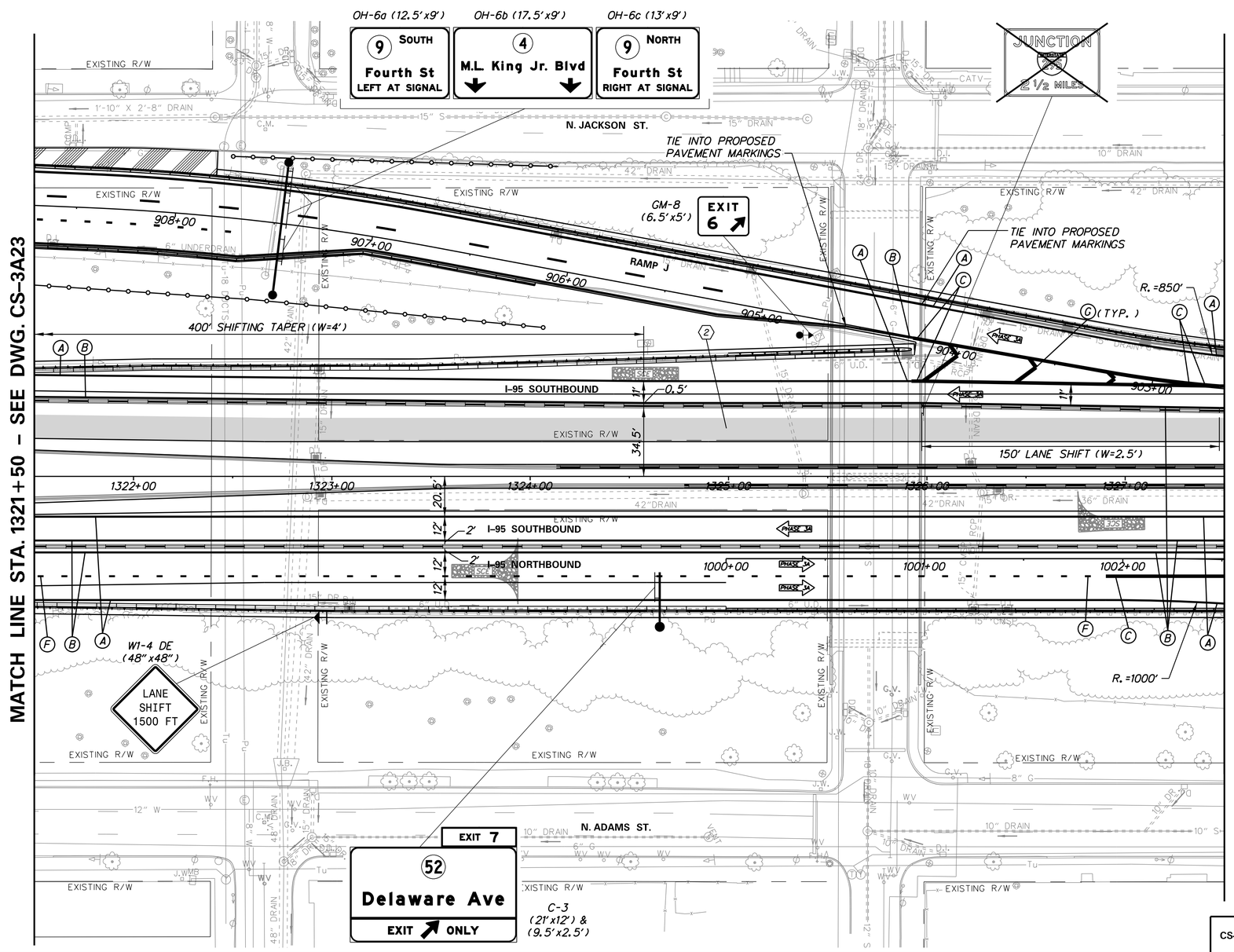
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-3A41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT ROADWAY.



N:\31987-004\CADD\Traffic\CS3A24.dgn
2/17/2016 9:16:19 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

CS-3A24
SHEET NO.
3-205
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

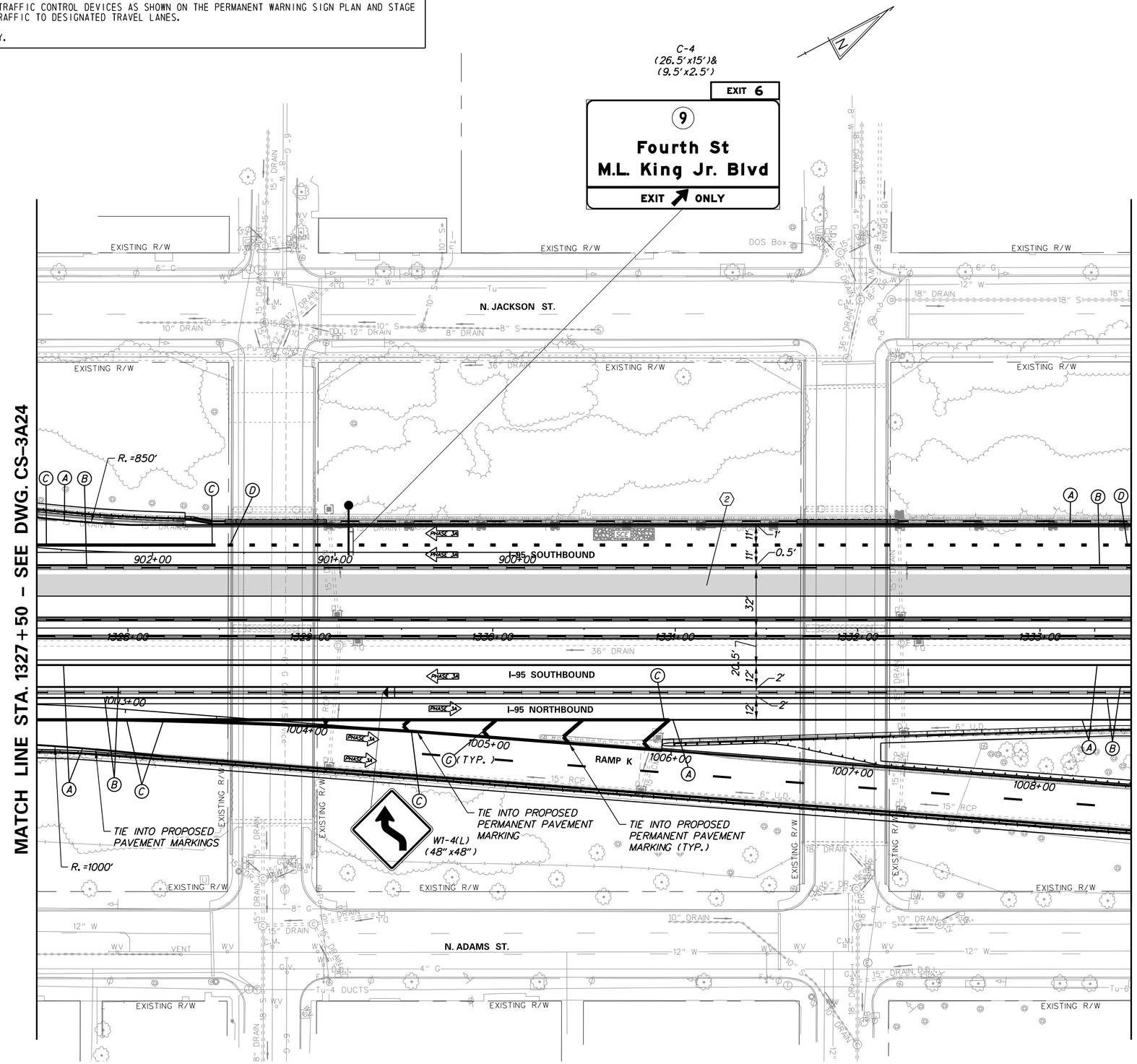
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-3A41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT ROADWAY.



N:\31987-004\CADD\Traffic\CS3A25.dgn
2/11/2018 9:16:20 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

CS-3A25

SHEET NO. 3-206

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

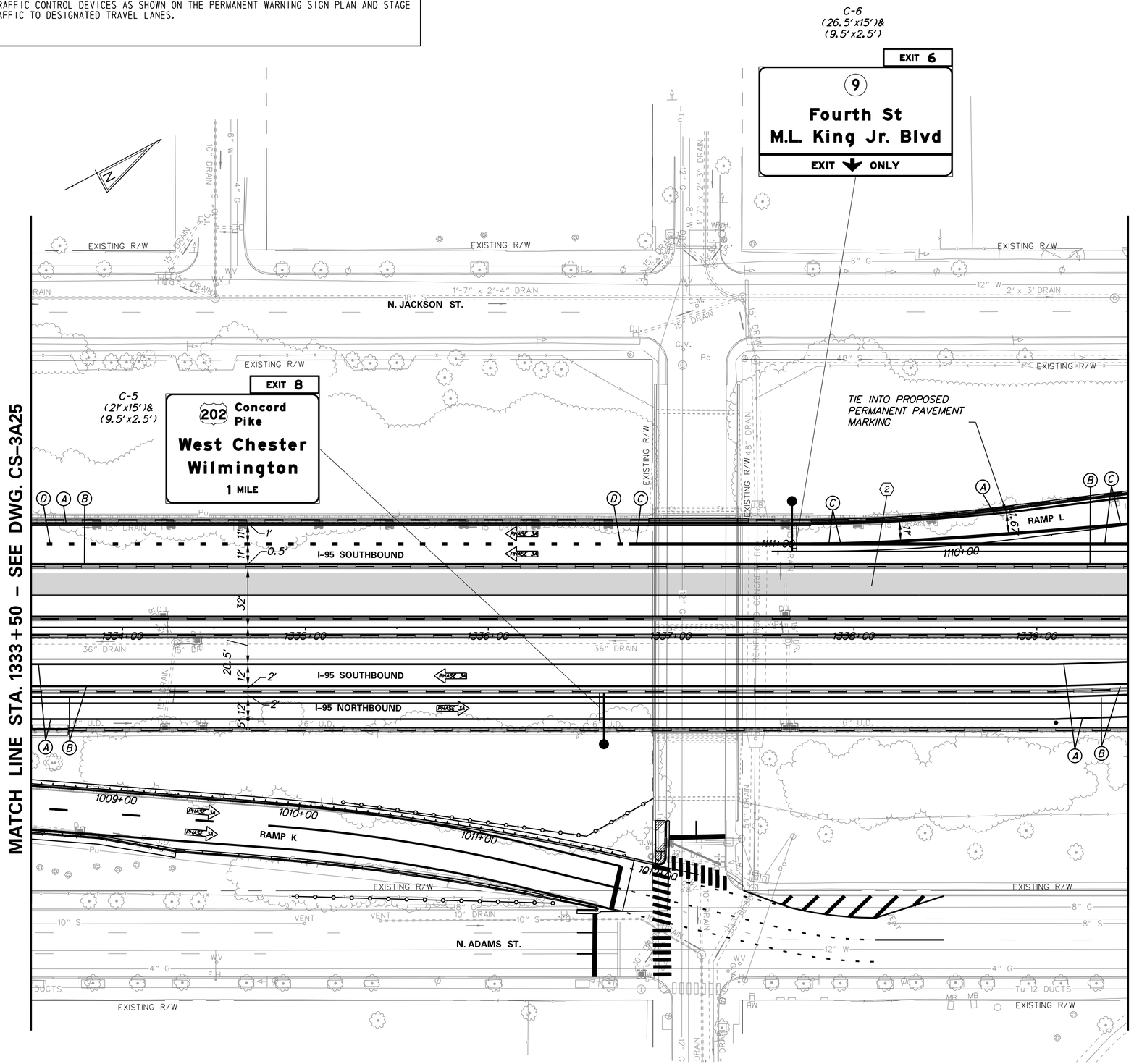
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-3A41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT ROADWAY.



N:\39827-094\C4D\Traffic\CS3A26.dgn
2/11/2016 9:16:21 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A26

SHEET NO. 3-207

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

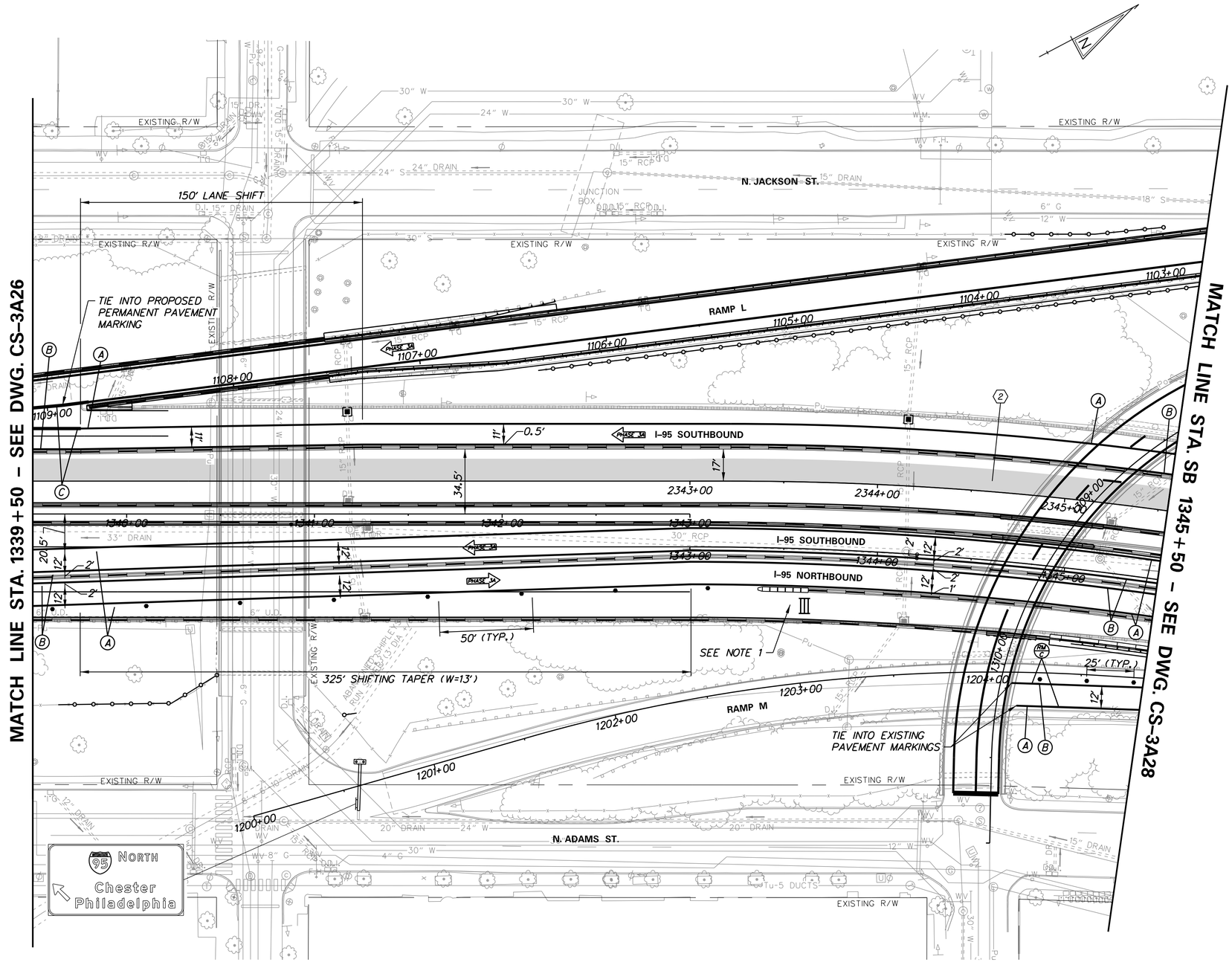
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-3A41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. RECONSTRUCT ROADWAY.

NOTES:
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1343+35 AND STA. 1344+90.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA
CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A	CS-3A27	SHEET NO. 3-208	TOTAL SHTS. 3-420		

N:\31987-004\CADD\Traffic\CS3A27.dgn
2/11/2016 9:16:23 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

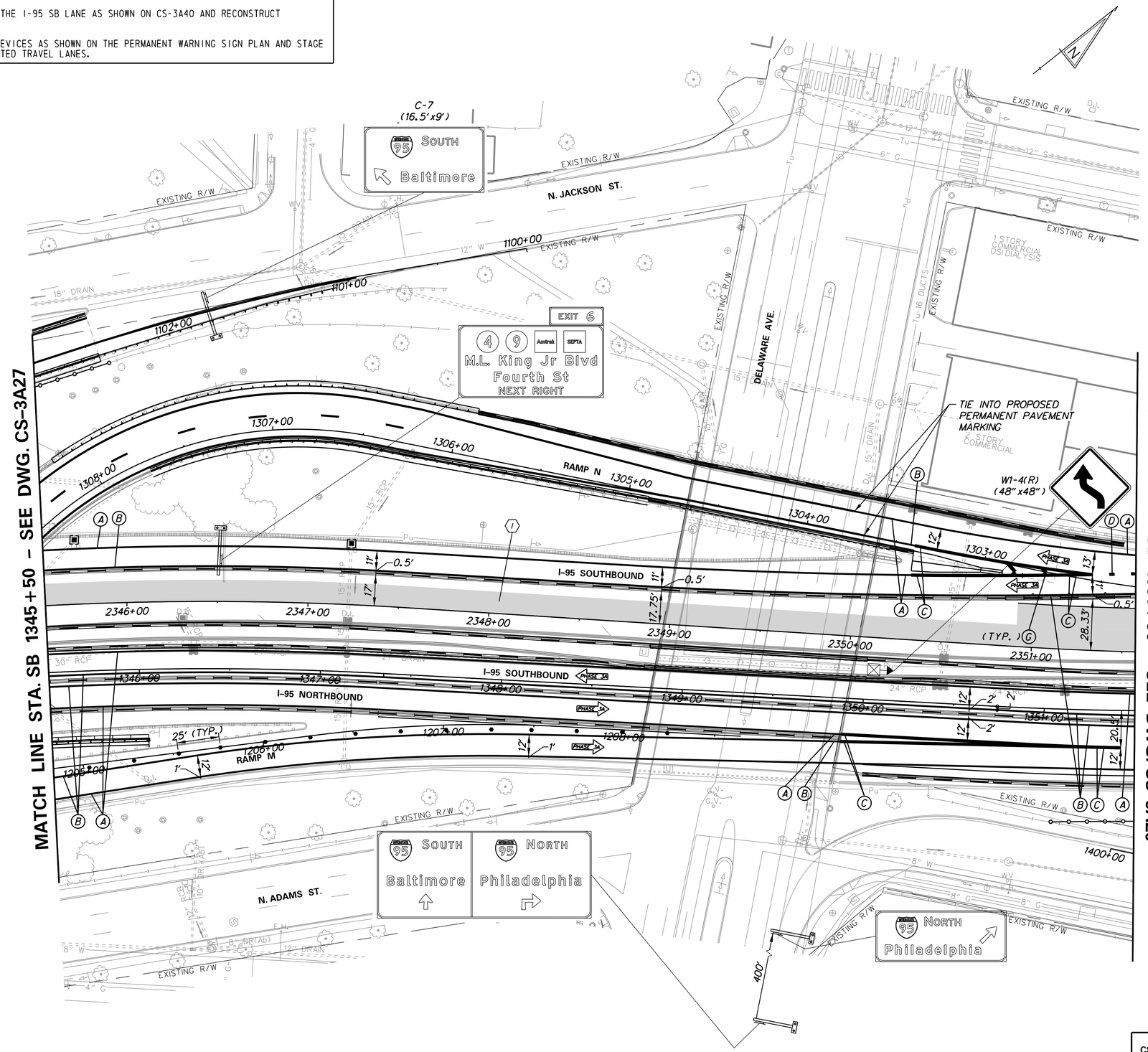
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-3A41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. DURING ALLOWABLE WORK HOURS, CLOSE THE I-95 SB LANE AS SHOWN ON CS-3A40 AND RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3A28.dgn
2/17/2018 9:16:24 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A28
SHEET NO.
3-209
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- (PM 6) REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

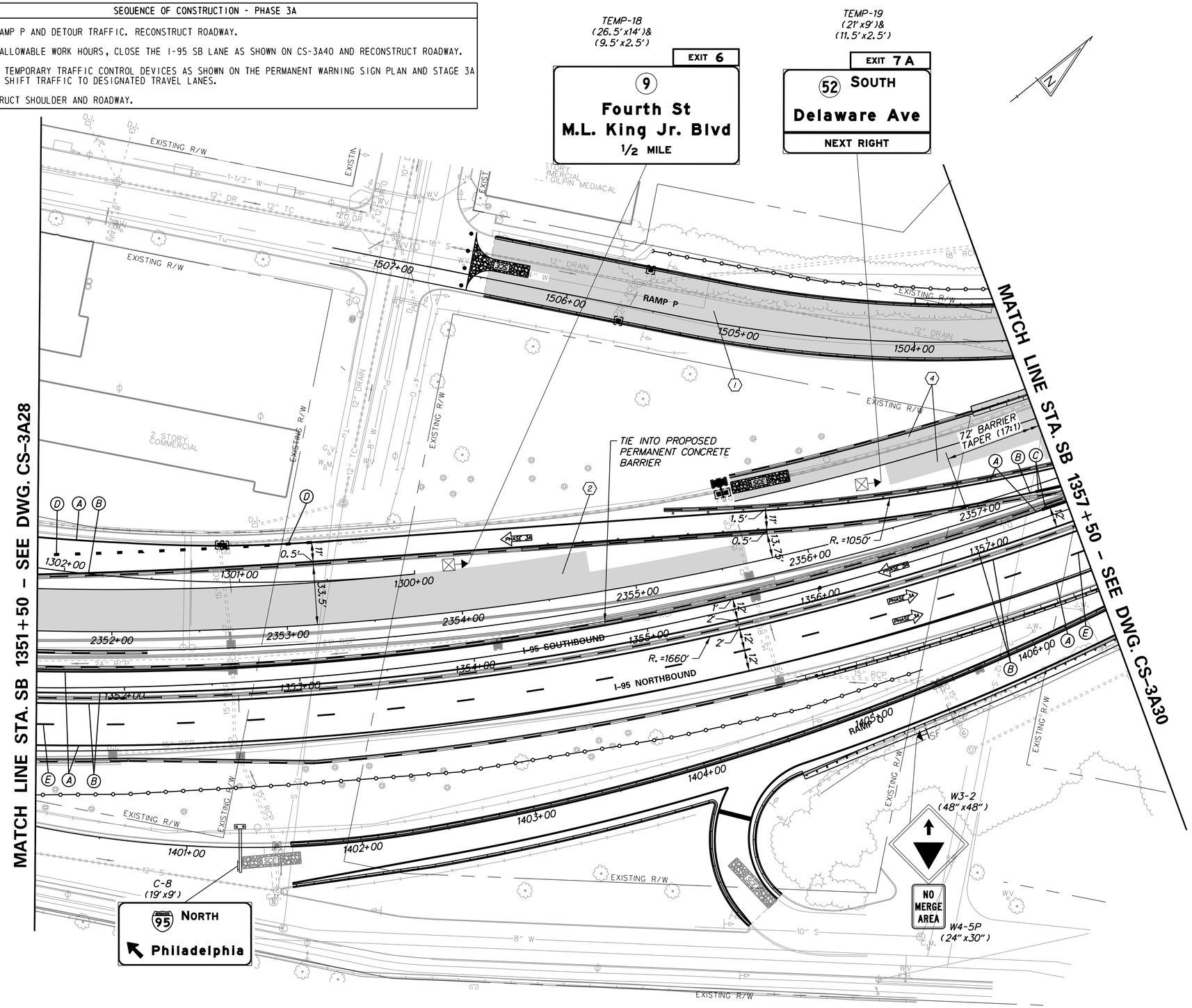
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-3A41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. CLOSE RAMP P AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
2. DURING ALLOWABLE WORK HOURS, CLOSE THE I-95 SB LANE AS SHOWN ON CS-3A40 AND RECONSTRUCT ROADWAY.
3. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
4. RECONSTRUCT SHOULDER AND ROADWAY.



N:\31987-004\CADD\Traffic\CS3A29.dgn
2/11/2016 9:16:25 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A29

SHEET NO. 3-210

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

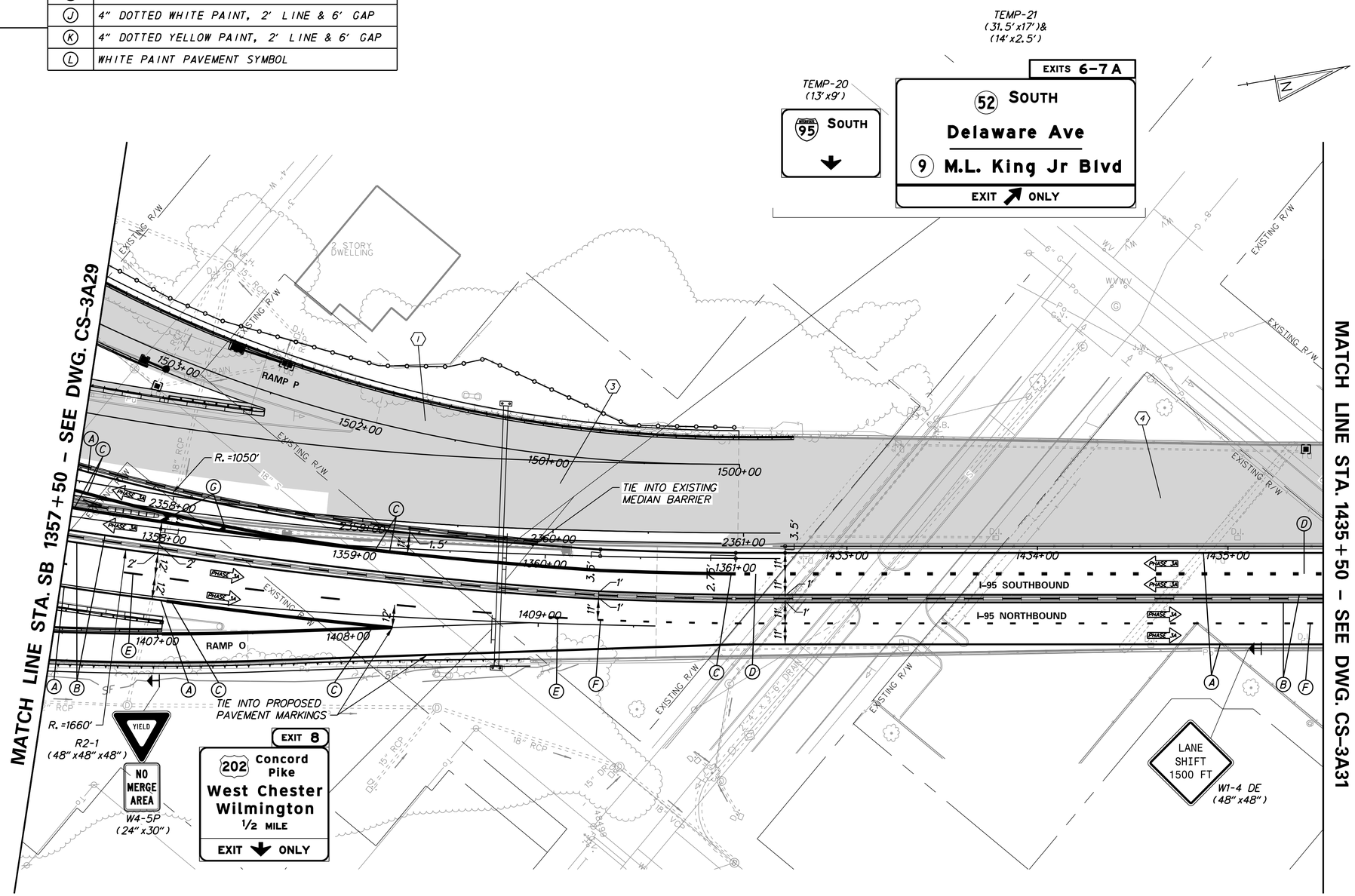
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. CLOSE RAMP P AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER AND ROADWAY.
4. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.

NOTES:
1. SEE CS-3A41 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A	CS-3A30 / SHEET NO. 3-211 / TOTAL SHTS. 3-420

N:\31987-004\C&D\Traffic\CS3A30.dgn
2/17/2016 9:16:27 AM

CONSTRUCTION PHASING LEGEND

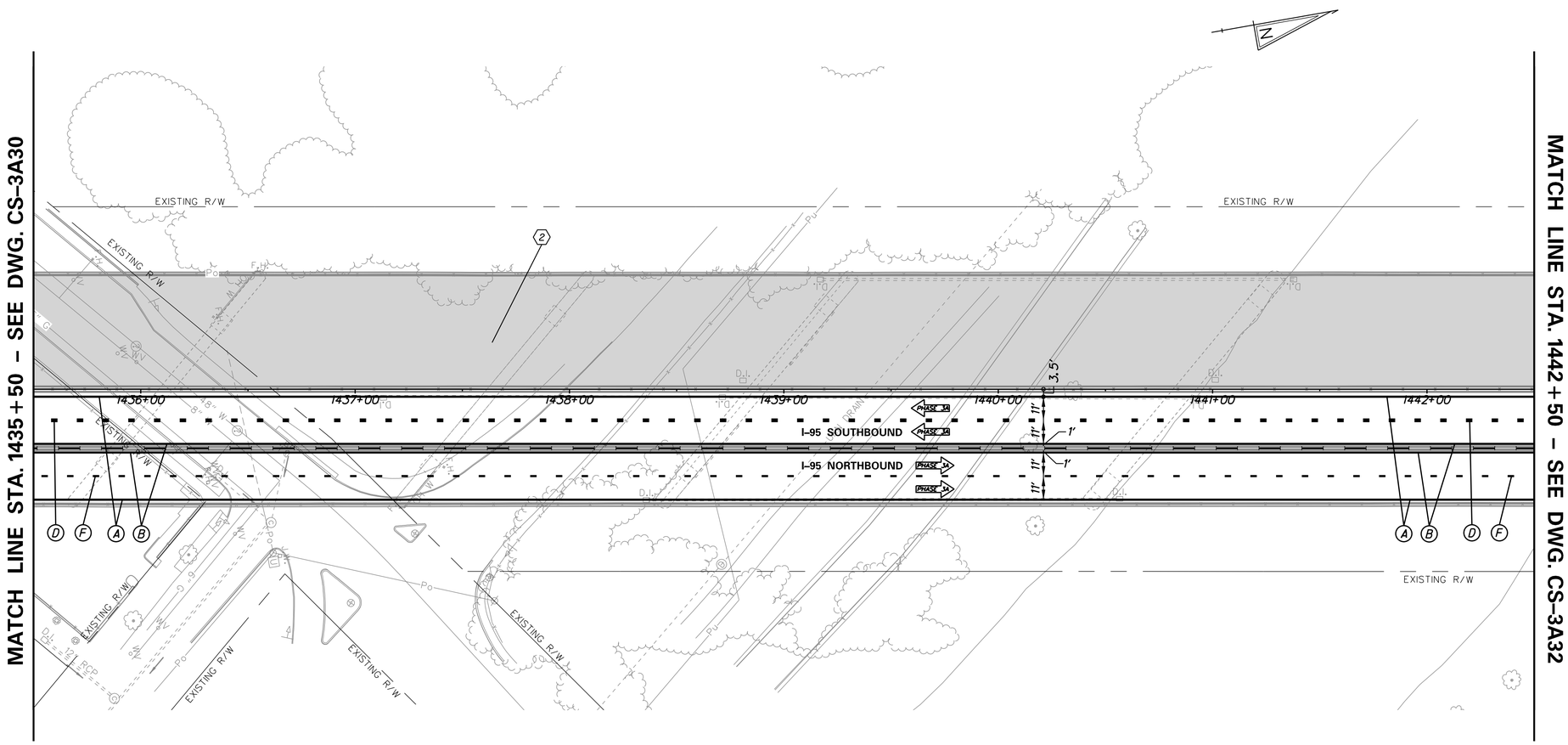
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A31 | SHEET NO. 3-212 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3A31.dgn
2/11/2016 9:16:28 AM

CONSTRUCTION PHASING LEGEND

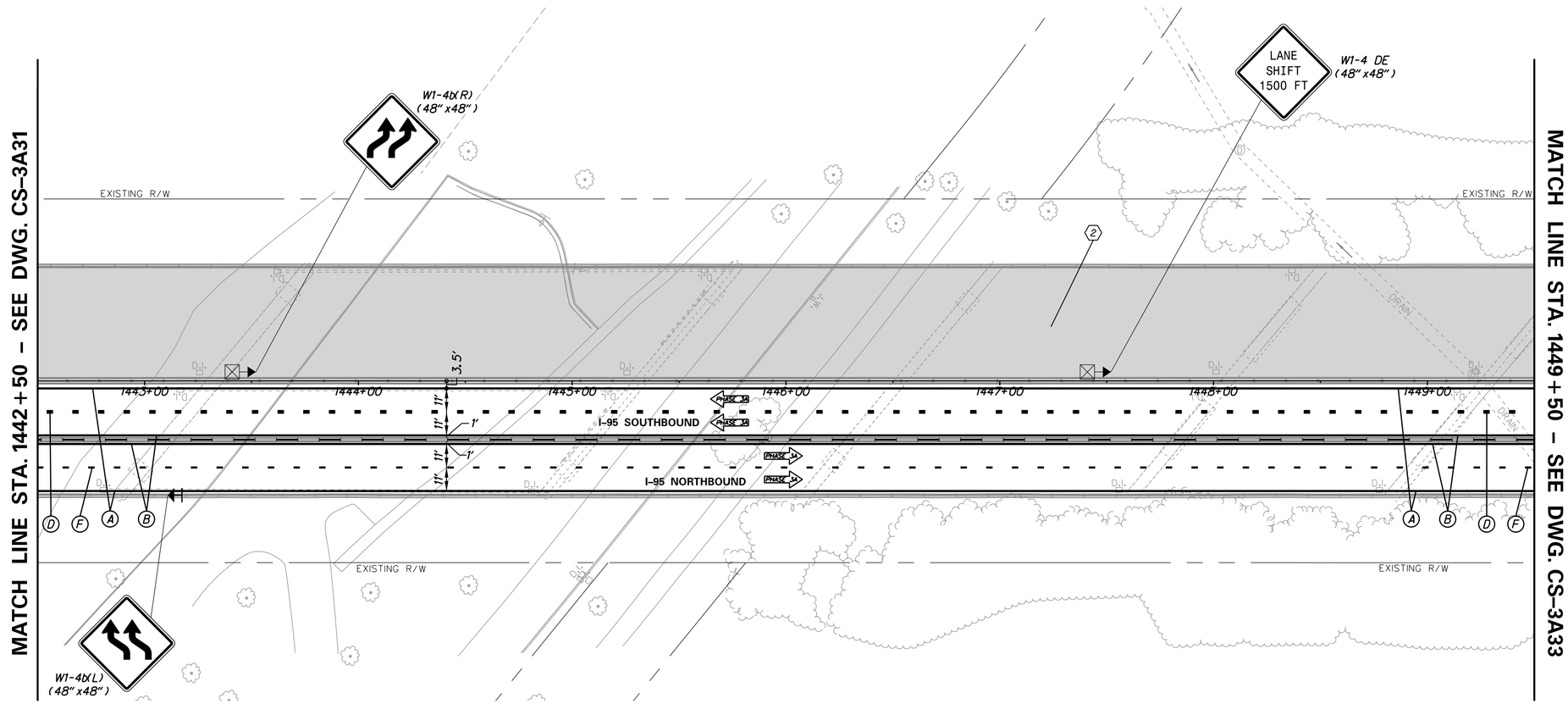
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\C400\Traffic\CS3A32.dgn
2/17/2018 9:16:30 AM

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN – PHASE 3A

	CS-3A32
SHEET NO.	3-213
TOTAL SHTS.	3-420

CONSTRUCTION PHASING LEGEND

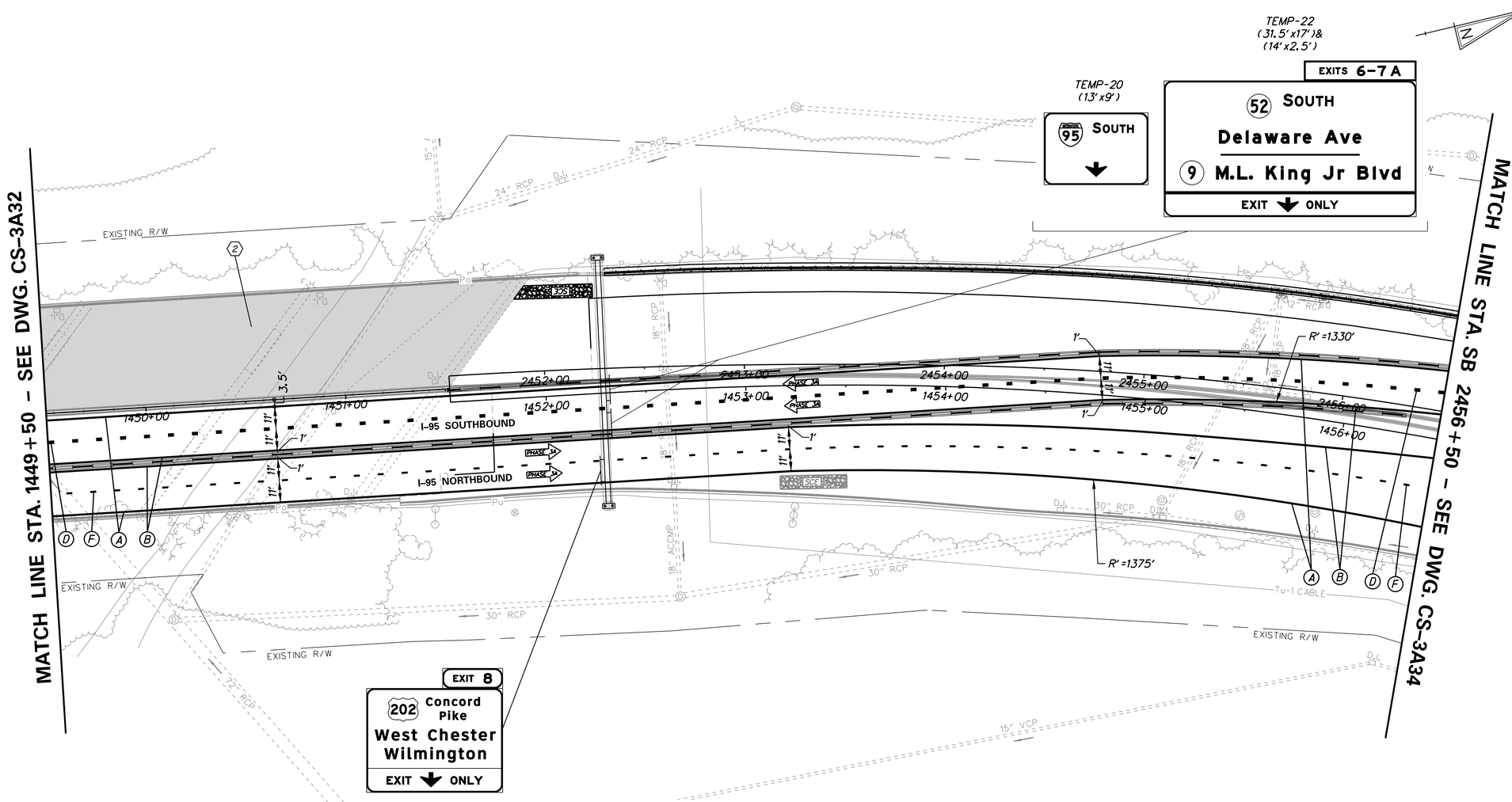
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-00A\CADD\Traffic\CS3A33.dgn
2/11/2018 9:16:31 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A33
SHEET NO.
3-214
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

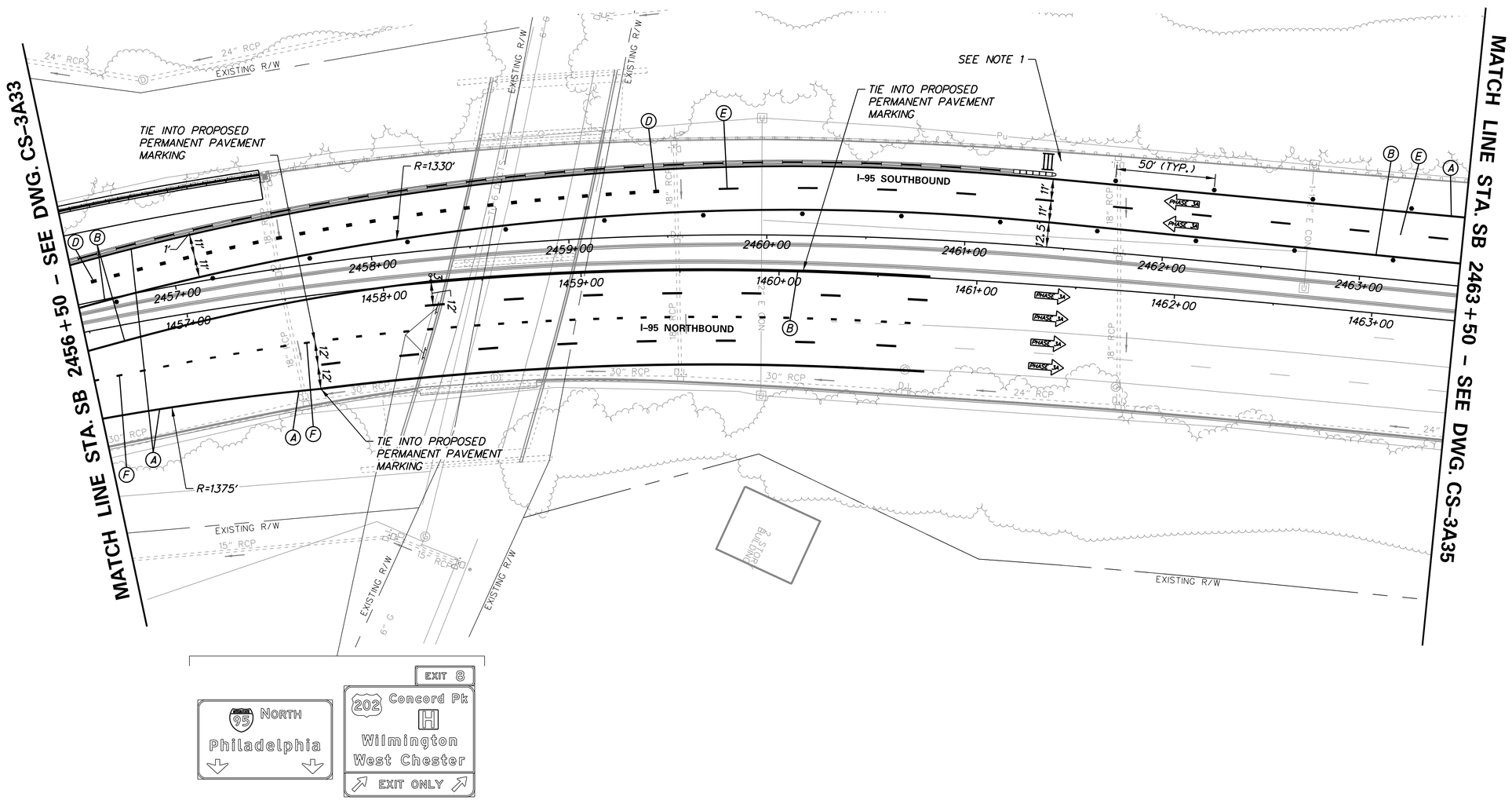
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 2458+75 AND STA. 2461+25.



N:\31987-004\CADD\Traffic\CS3A34.dgn
2/11/2016 9:16:32 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A34

SHEET NO.	TOTAL SHTS.
3-215	3-420

CONSTRUCTION PHASING LEGEND

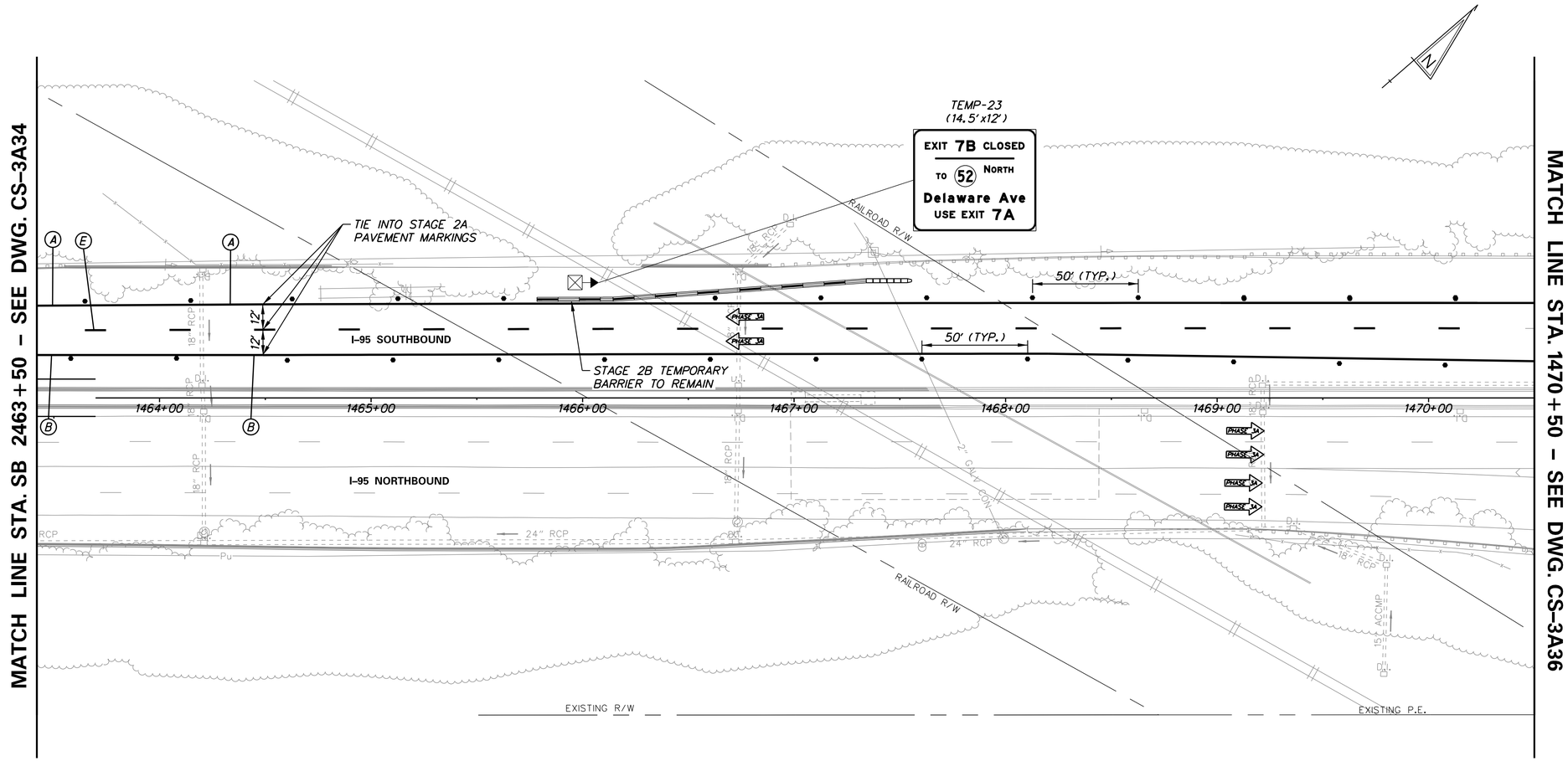
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3A35.dgn
2/11/2016 9:16:33 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A	CS-3A35 SHEET NO. 3-216
				COUNTY NEW CASTLE	DESIGNED BY: WRA CHECKED BY: WRA		TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

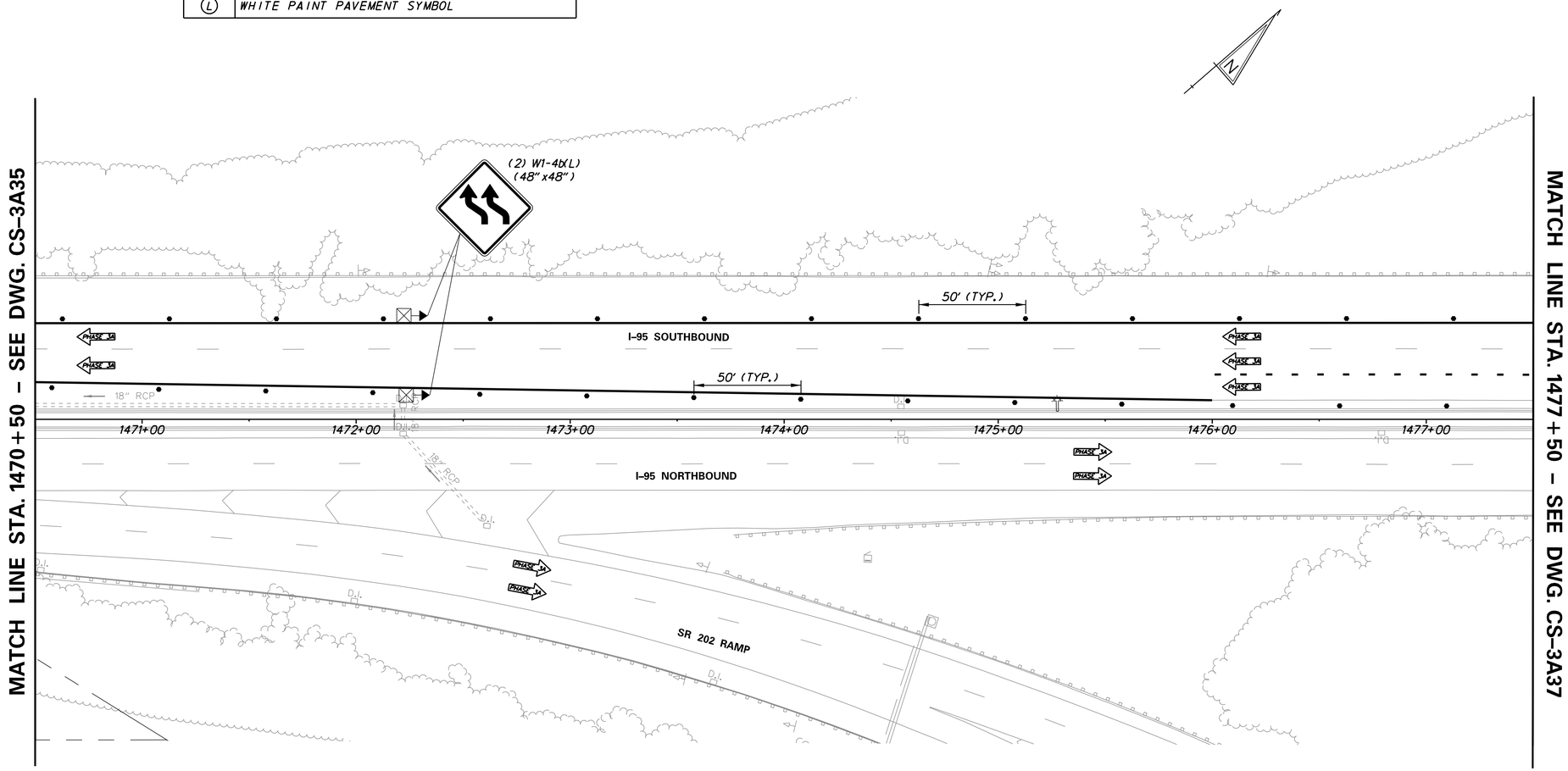
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3A36.dgn
2/11/2016 9:16:35 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A36
SHEET NO.
3-217
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

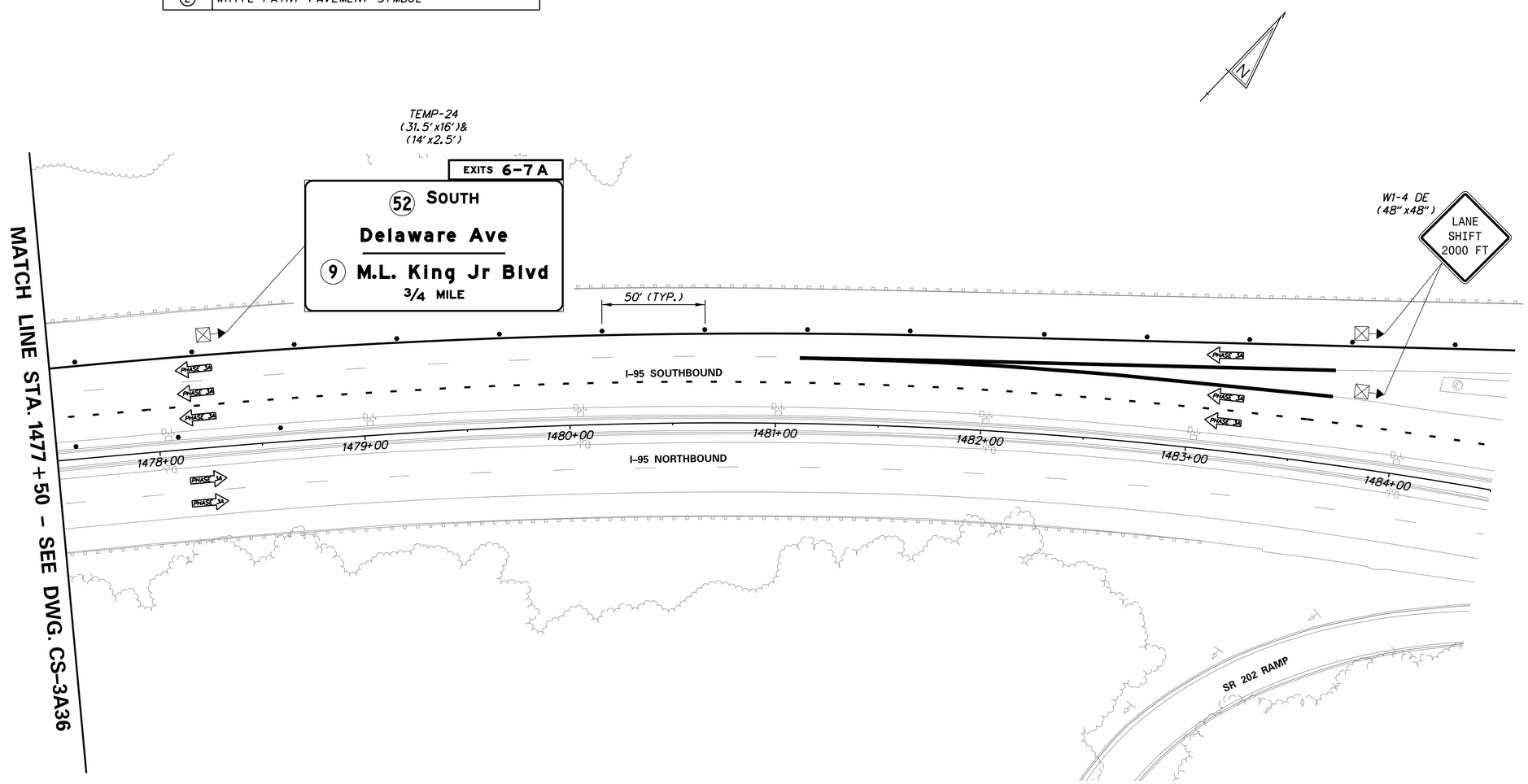
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3A

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3A37.dgn
2/11/2018 9:18:51 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3A

	CS-3A37
SHEET NO.	3-218
TOTAL SHTS.	3-420

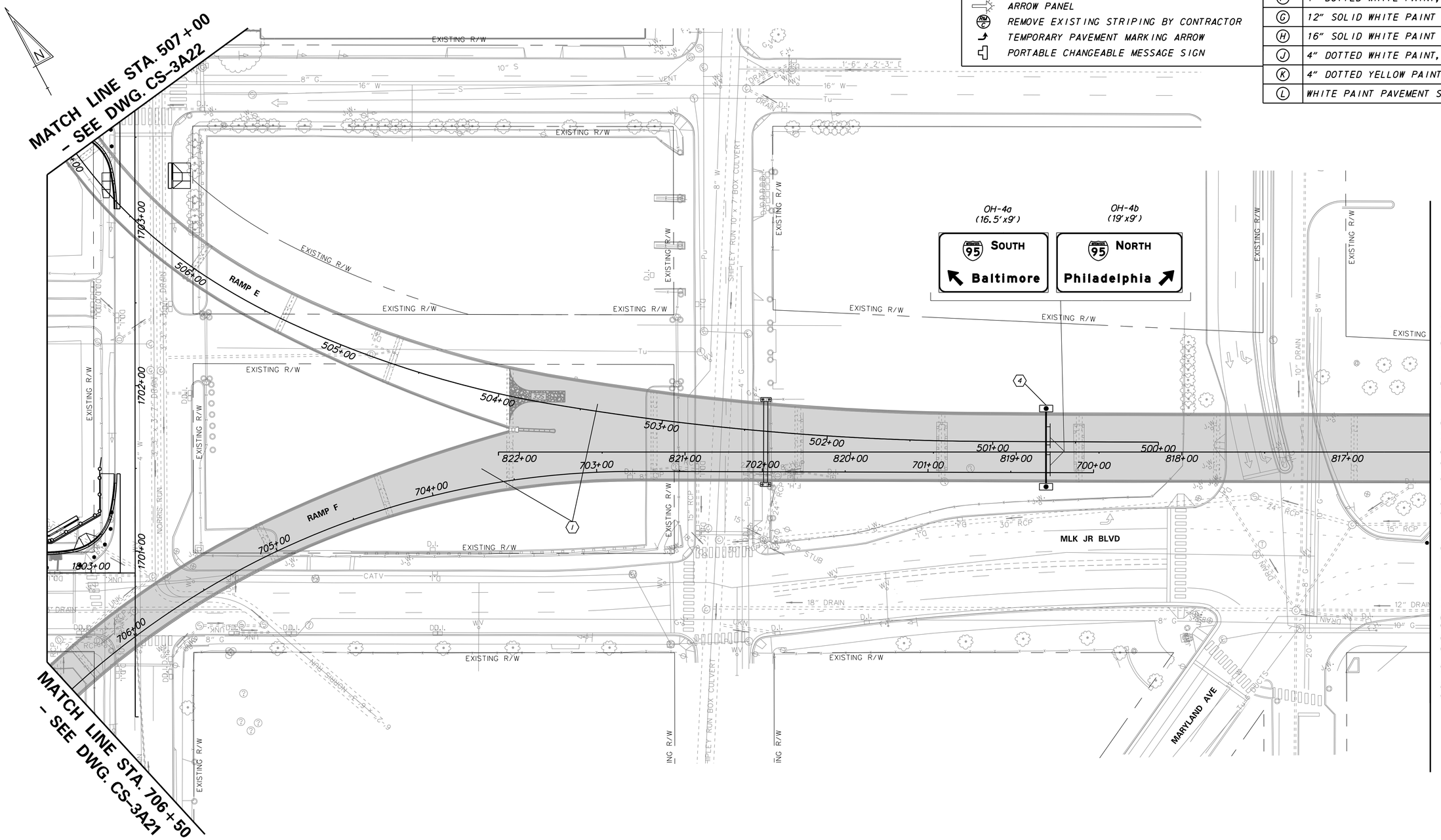
SEQUENCE OF CONSTRUCTION - PHASE 3A
(1) MAINTAIN CLOSURE OF RAMP E AND RAMP F AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
(2) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
(3) CONSTRUCT PROPOSED OVERHEAD SIGN STRUCTURE OH-4.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
(A)	4" SOLID WHITE PAINT
(B)	4" SOLID YELLOW PAINT
(C)	10" SOLID WHITE PAINT
(D)	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(E)	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
(F)	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(G)	12" SOLID WHITE PAINT
(H)	16" SOLID WHITE PAINT
(J)	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
(K)	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
(L)	WHITE PAINT PAVEMENT SYMBOL



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A	CS-3A38 SHEET NO. 3-219 TOTAL SHTS. 3-420
				COUNTY NEW CASTLE	DESIGNED BY: WRA CHECKED BY: WRA		

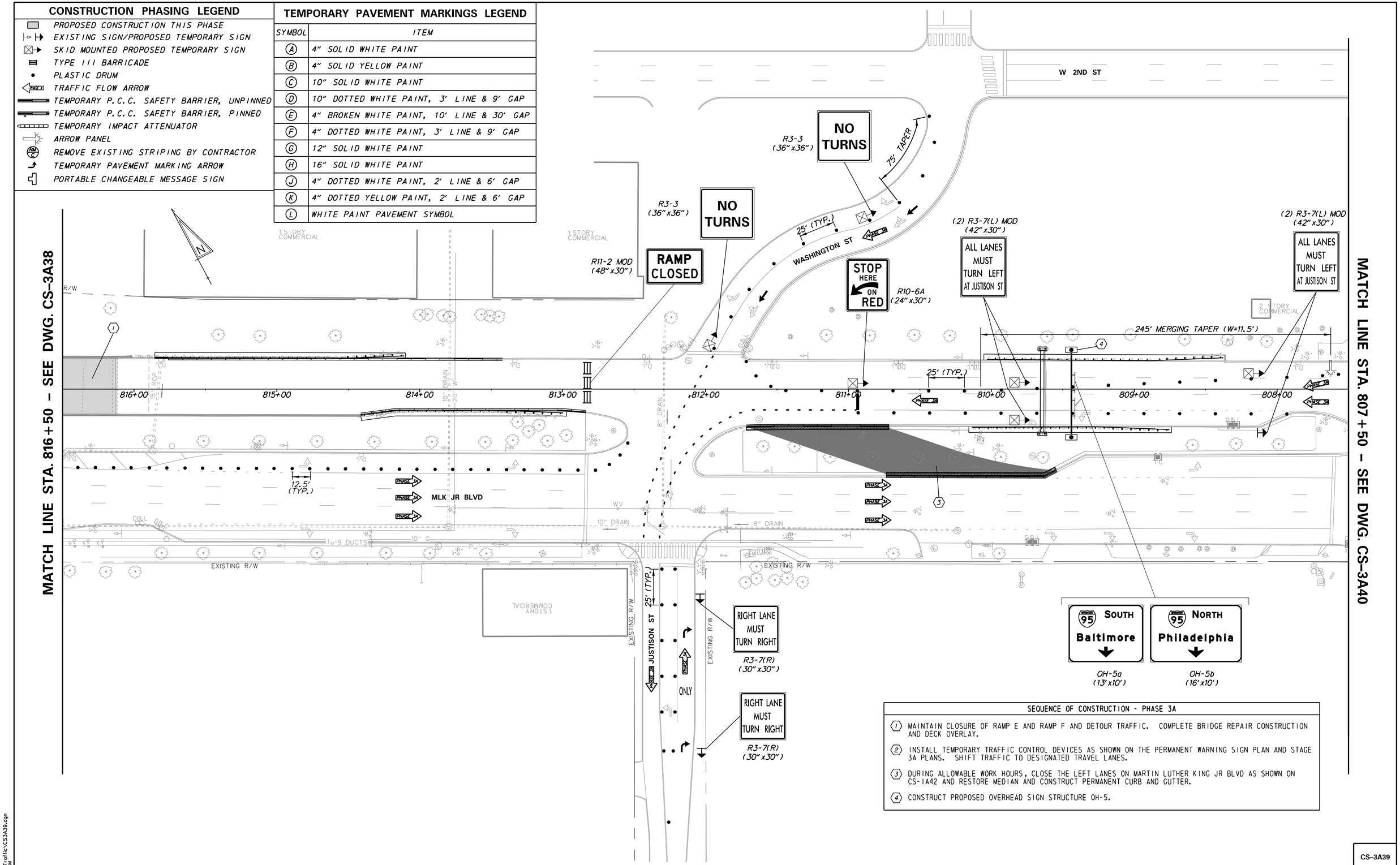
N:\31987-094\C4D\Traffic\CS3A38.dgn 2/11/2016 9:16:54 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



SEQUENCE OF CONSTRUCTION - PHASE 3A

1. MAINTAIN CLOSURE OF RAMP E AND RAMP F AND DETOUR TRAFFIC. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. DURING ALLOWABLE WORK HOURS, CLOSE THE LEFT LANES ON MARTIN LUTHER KING JR BLVD AS SHOWN ON CS-1A42 AND RESTORE MEDIAN AND CONSTRUCT PERMANENT CURB AND GUTTER.
4. CONSTRUCT PROPOSED OVERHEAD SIGN STRUCTURE OH-5.

N:\31987-004\CADD\Traffic\CS3A39.dgn
2/11/2018 9:16:55 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A39

SHEET NO. 3-220

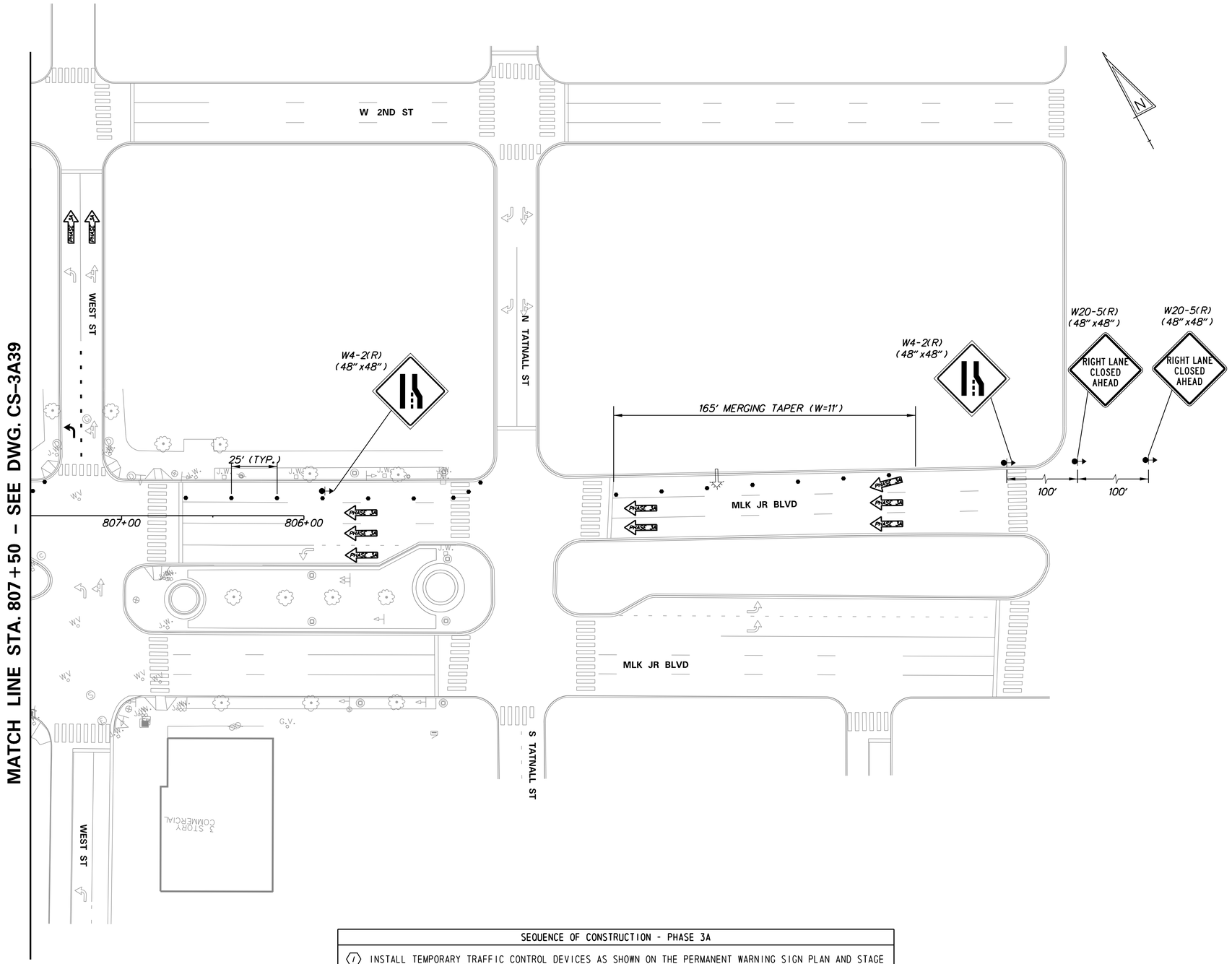
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



SEQUENCE OF CONSTRUCTION - PHASE 3A

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3A PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

N:\31987-004\CADD\Traffic\CS3A40.dgn
2/17/2016 9:16:56 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A40

SHEET NO. 3-221

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

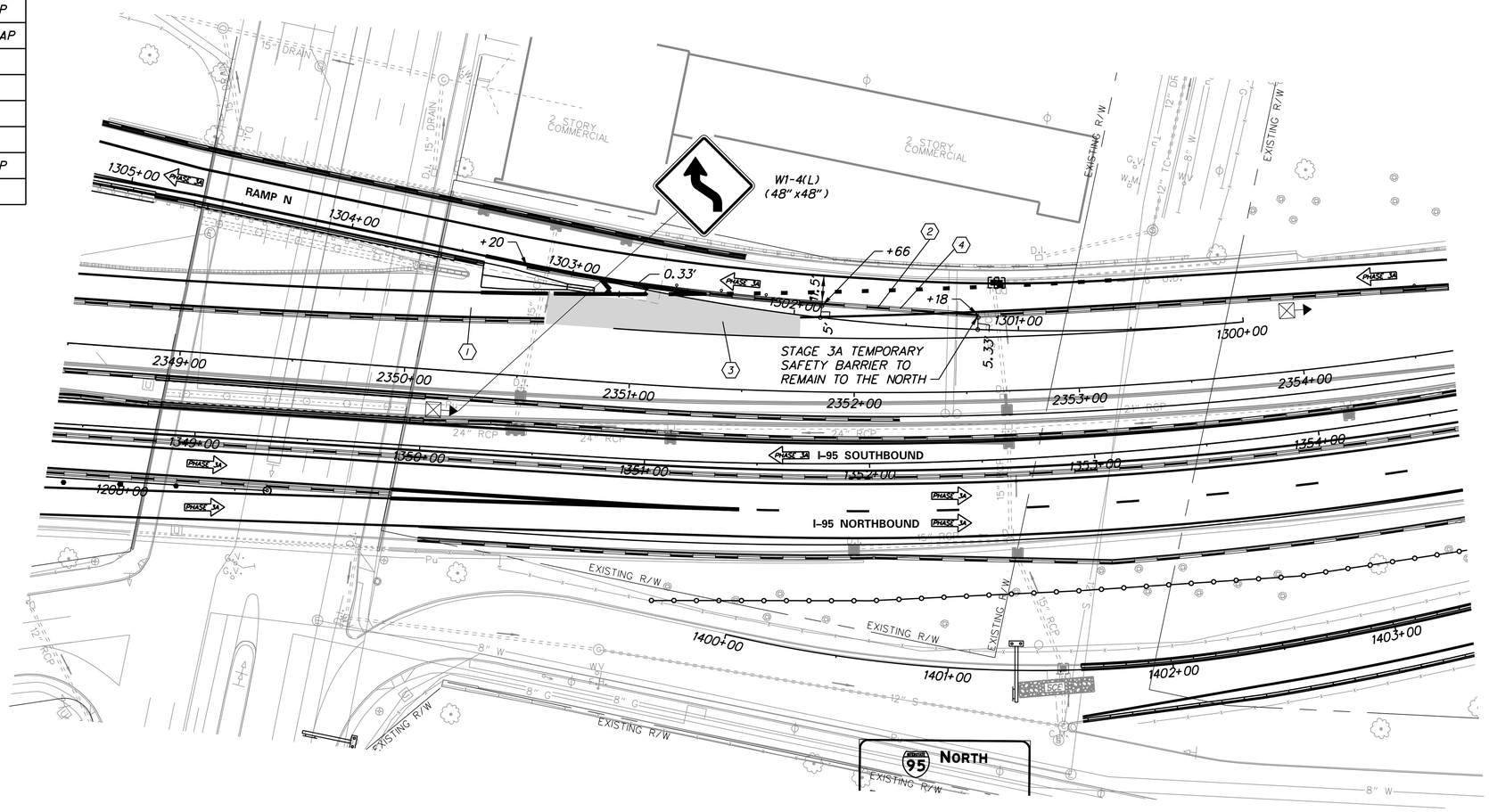
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 2A

1. DURING ALLOWABLE WORK HOURS, CLOSE THE I-95 SB CD LANE AND DETOUR TRAFFIC.
2. RELOCATE TEMPORARY SAFETY BARRIER AS SHOWN ON PLAN.
3. RECONSTRUCT PORTION ROADWAY AS SHOWN ON PLAN.
4. RELOCATE TEMPORARY SAFETY BARRIER BACK TO STAGE 3A CONFIGUATION AND OPEN I-95 SB CD LANE TO TRAFFIC.



N:\31987-004\CADD\Traffic\CS3A41.dgn
2/11/2016 9:16:57 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

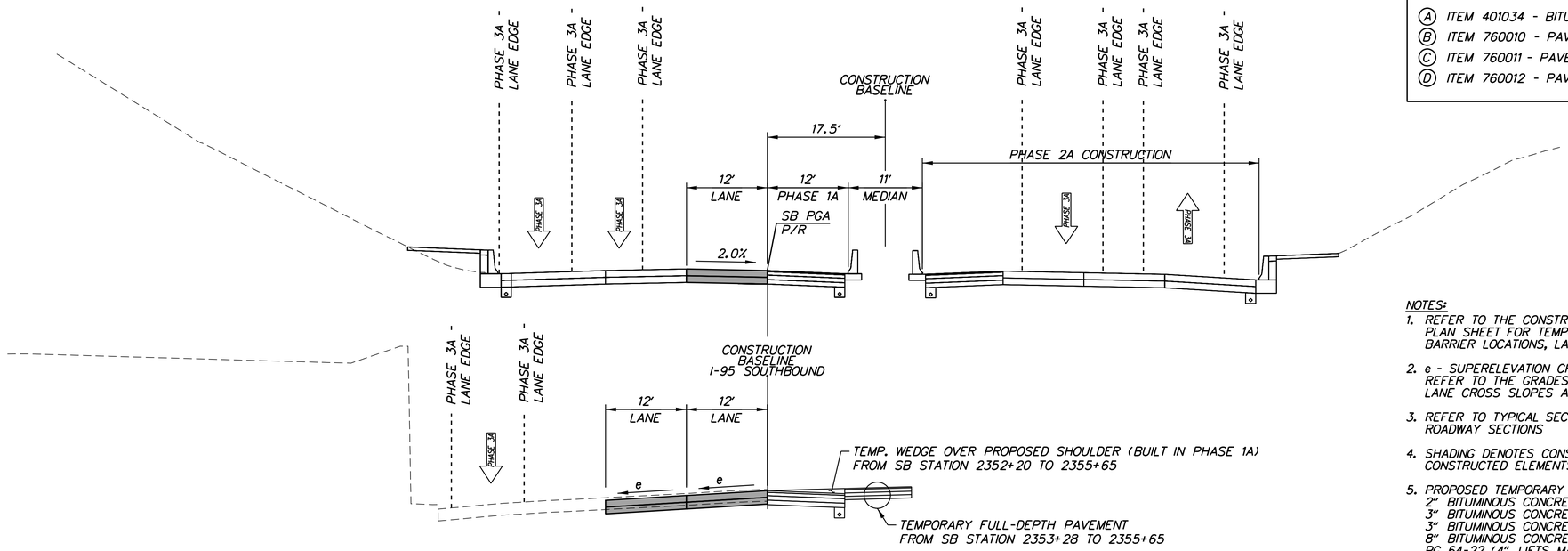
CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3A

CS-3A41
SHEET NO.
3-222
TOTAL SHTS.
3-420

LEGEND

- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



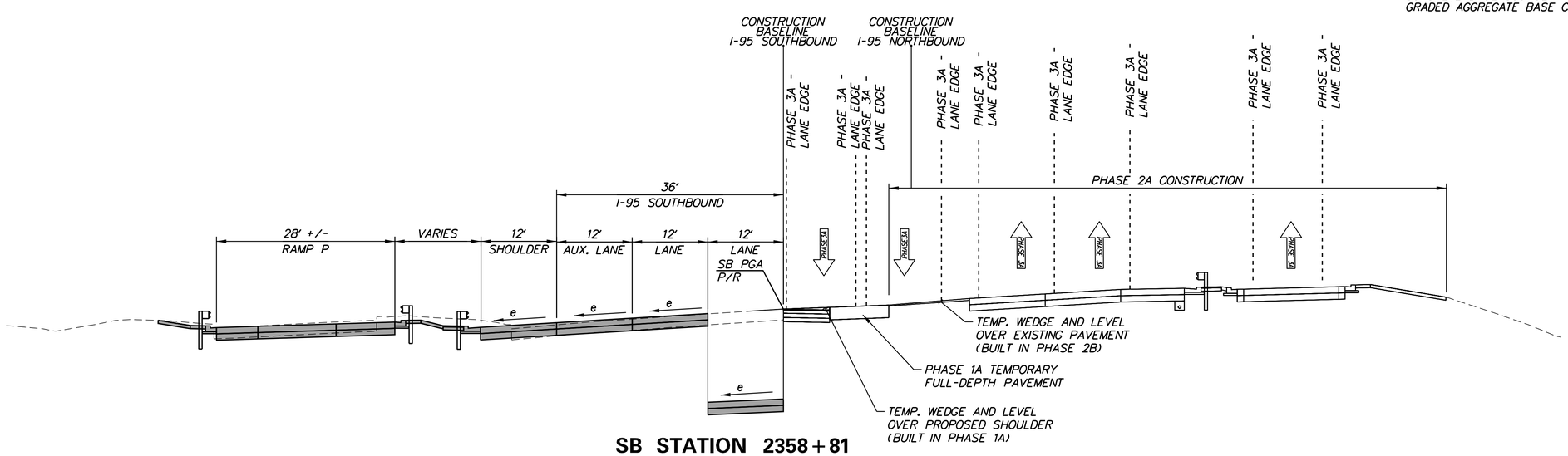
SB STATION 2350+91
TO STATION 2354+75

I-95 PHASE 3A

NB STATION 1320+91 TO NB STATION 1355+65
SB STATION 2343+00 TO SB STATION 2355+65

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"



SB STATION 2358+81
TO STATION 2360+98

I-95 PHASE 3A

NB STATION 1356+57 TO NB STATION 1360+58
SB STATION 2356+55 TO SB STATION 2360+98

N:\31987-004\CADD\Traffic\CS3A42_TS.dgn
2/17/2018 9:16:59 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	M.O.T. TYPICAL SECTIONS

CS-3A42
SHEET NO. 3-223
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

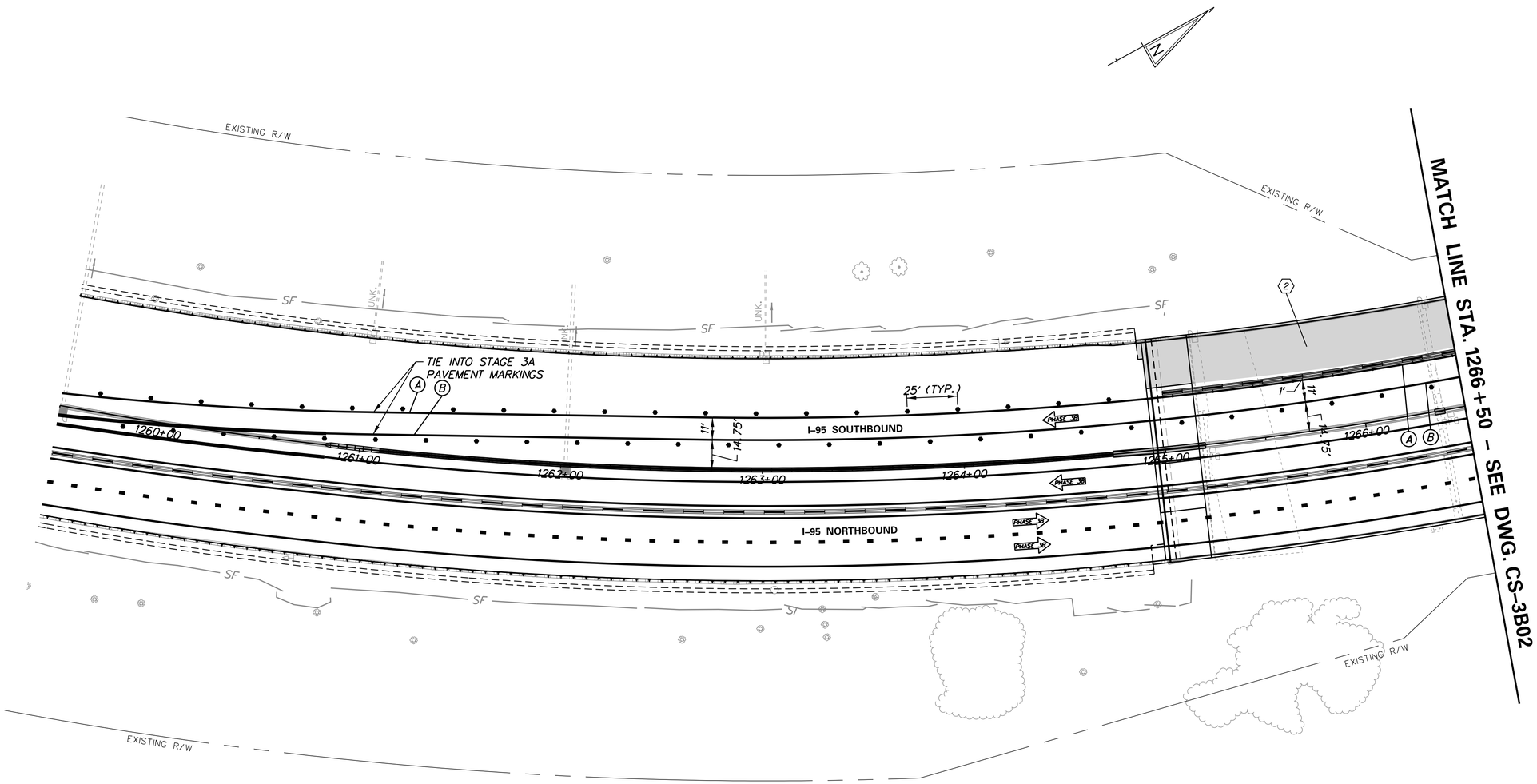
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B	CS-3B01 / SHEET NO. 3-224 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3B01.dgn
2/17/2016 9:17:03 AM

CONSTRUCTION PHASING LEGEND

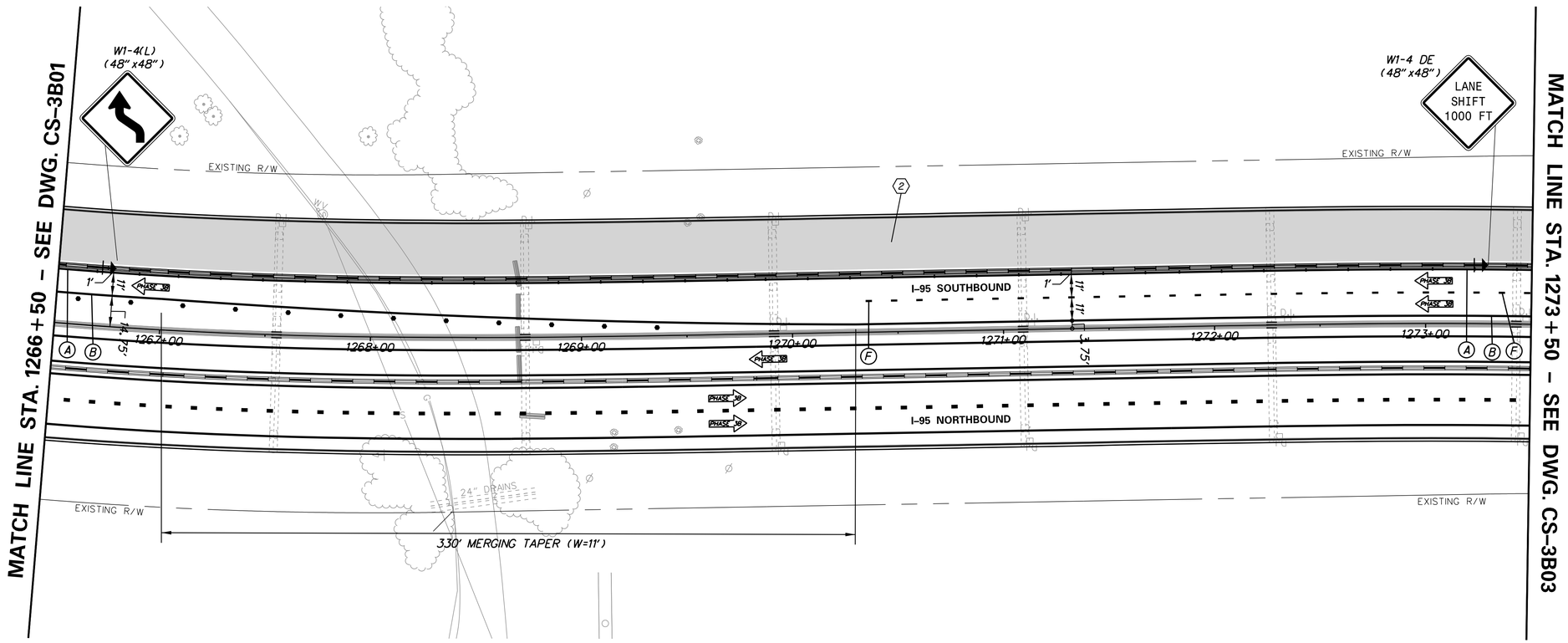
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\CADD\Traffic\CS3B02.dgn
2/11/2018 9:17:04 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B
				COUNTY NEW CASTLE	DESIGNED BY: WRA	
					CHECKED BY: WRA	

CS–3B02

SHEET NO. 3-225

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

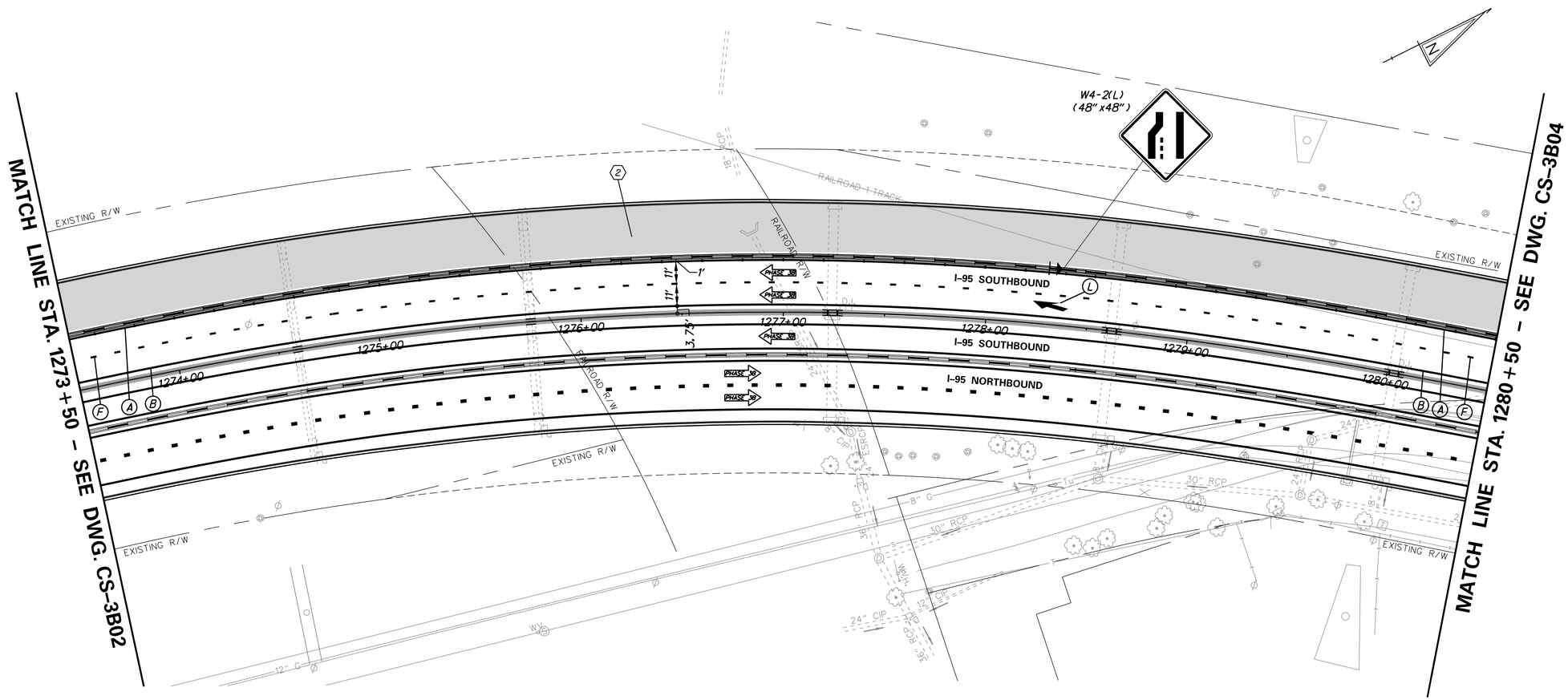
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B

CS–3B03 | SHEET NO. 3-226 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3B03.dgn
2/12/2019 9:17:40 AM

CONSTRUCTION PHASING LEGEND

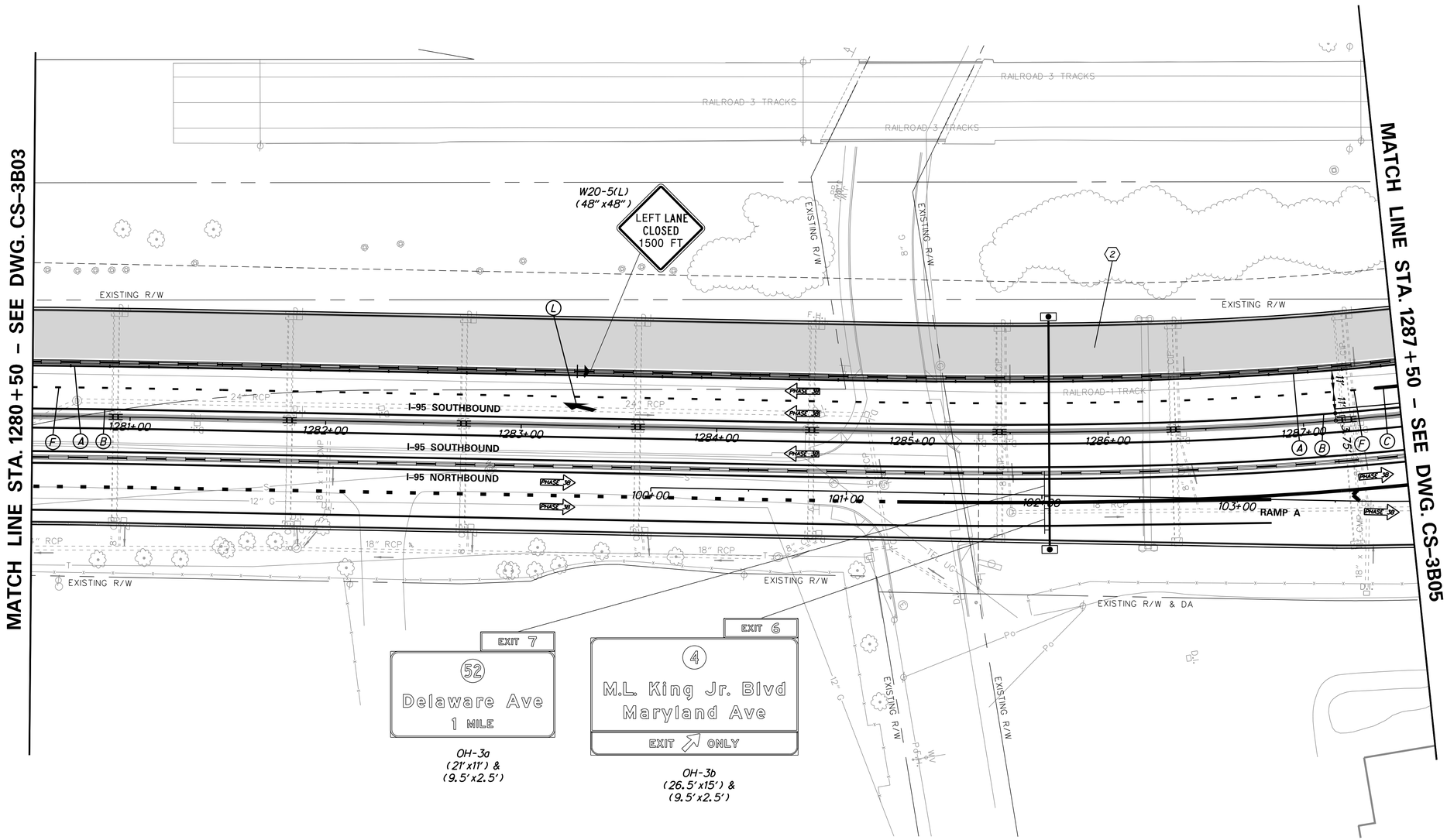
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\CADD\Traffic\CS3B04.dgn
2/11/2018 9:17:07 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B

CS-3B04

SHEET NO.	TOTAL SHTS.
3-227	3-420

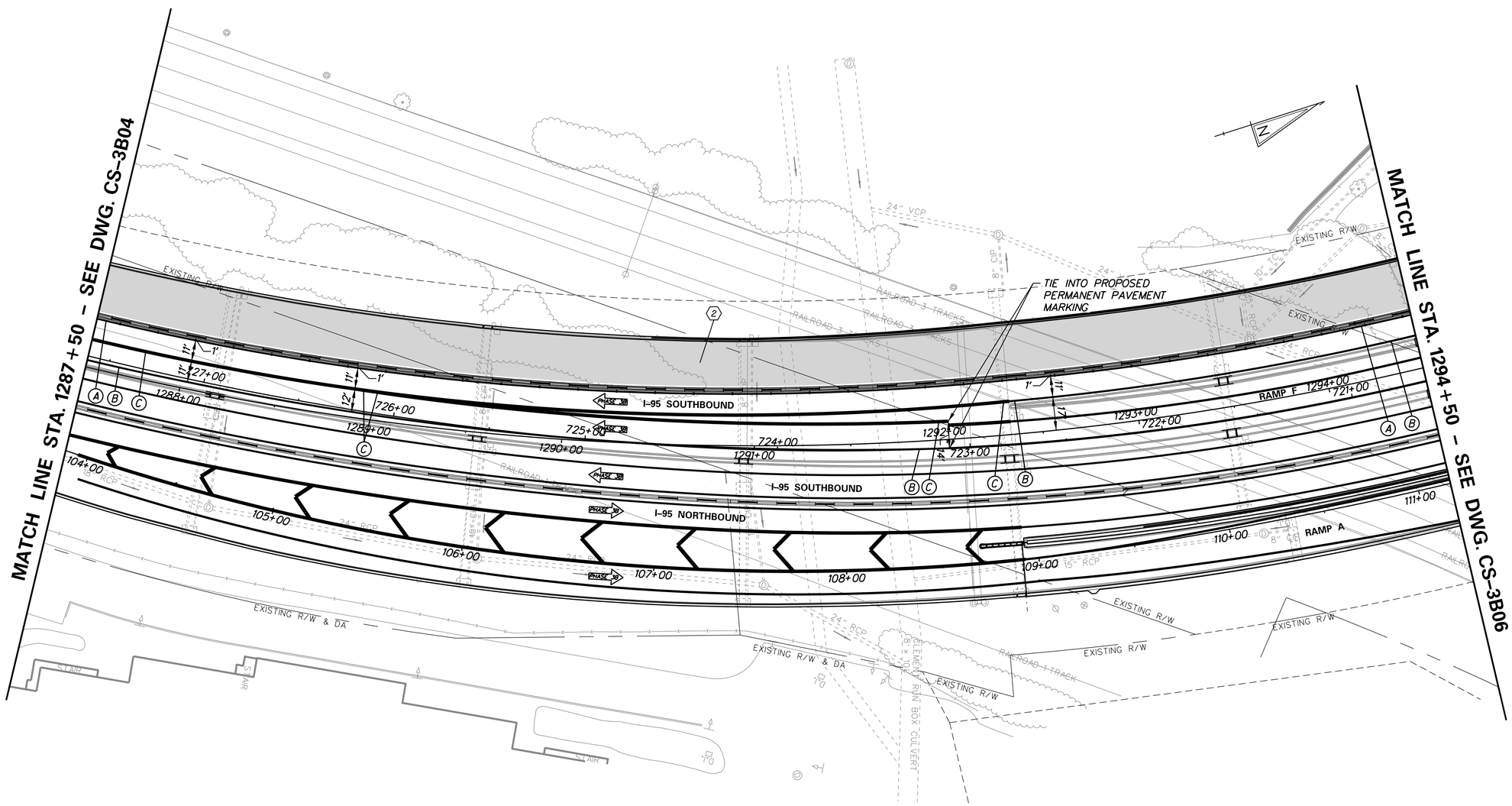
SEQUENCE OF CONSTRUCTION - PHASE 3B
(1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
(2) COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	DESIGNED BY: WRA	CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3B	CS-3B05 SHEET NO. 3-228 TOTAL SHTS. 3-420
				COUNTY NEW CASTLE					

N:\31987-004\CADD\Traffic\CS3B05.dgn
2/11/2016 9:17:08 AM

CONSTRUCTION PHASING LEGEND

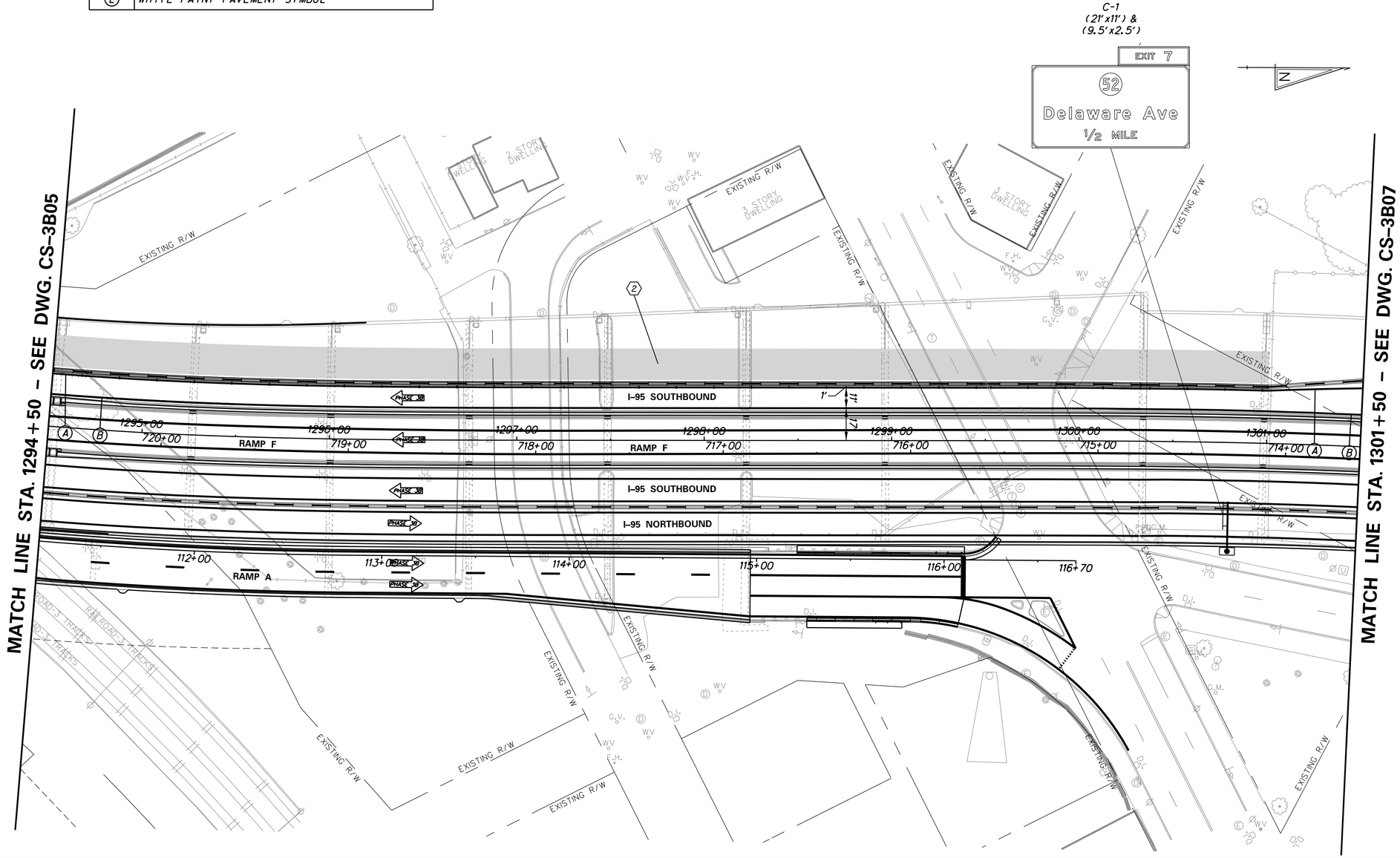
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3B

CS-3B06

SECTION	SHEET NO.
WRA	3-229

N:\31987-004\Contract_I-95\CADD\Traffic\CS3B06.dgn
5/21/2019 9:50:15 AM

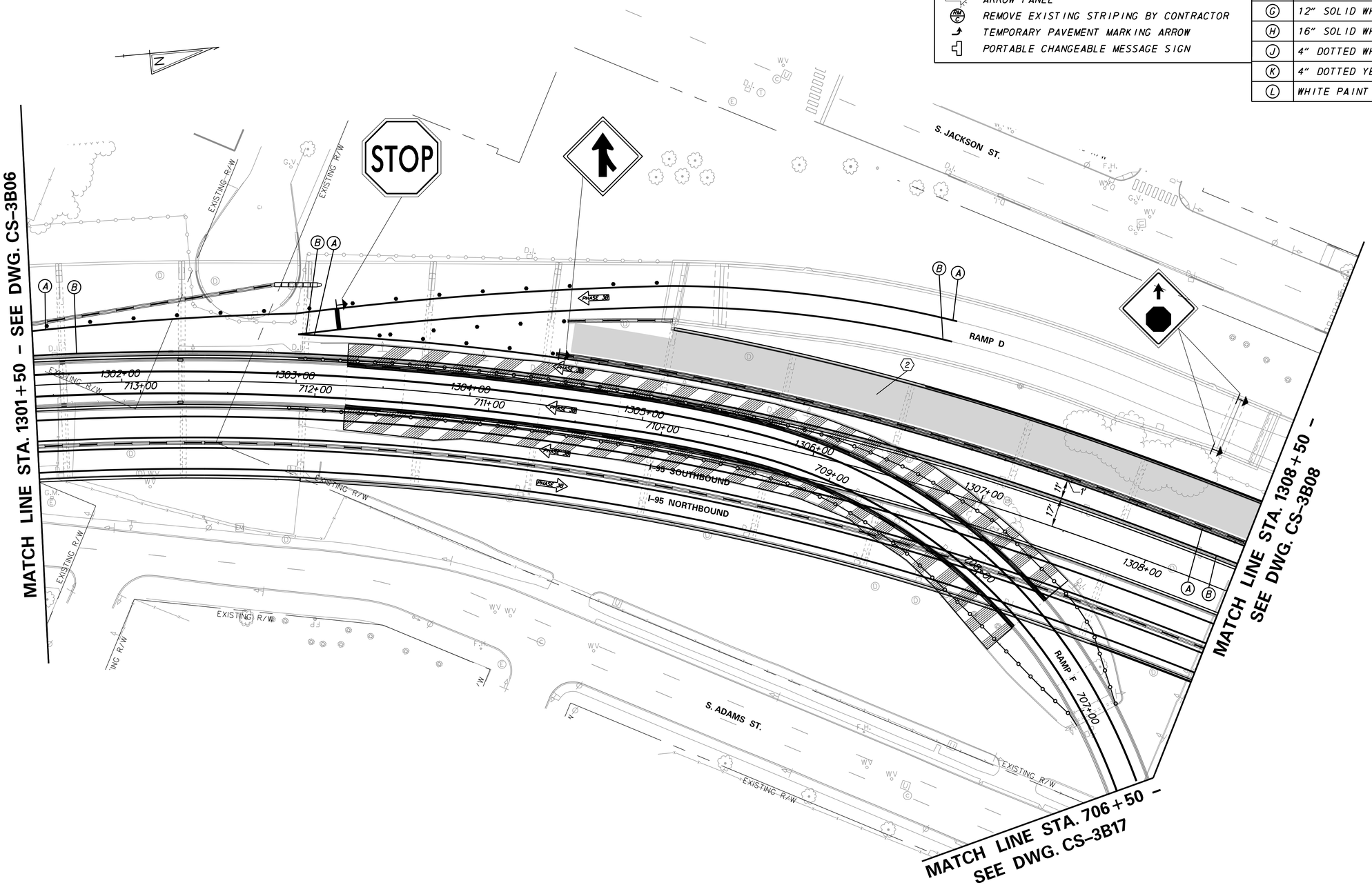
SEQUENCE OF CONSTRUCTION - PHASE 3B
(1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
(2) COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
(A)	4" SOLID WHITE PAINT
(B)	4" SOLID YELLOW PAINT
(C)	10" SOLID WHITE PAINT
(D)	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(E)	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
(F)	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(G)	12" SOLID WHITE PAINT
(H)	16" SOLID WHITE PAINT
(J)	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
(K)	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
(L)	WHITE PAINT PAVEMENT SYMBOL



ADDENDA / REVISIONS	

SCALE: 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B

CS-3B07
SECTION
WRA
SHEET NO.
3-230

N:\31987-004\Contract_I-95\CADD\Traffic\CS3B07.dgn
5/21/2019 9:50:16 AM

CONSTRUCTION PHASING LEGEND

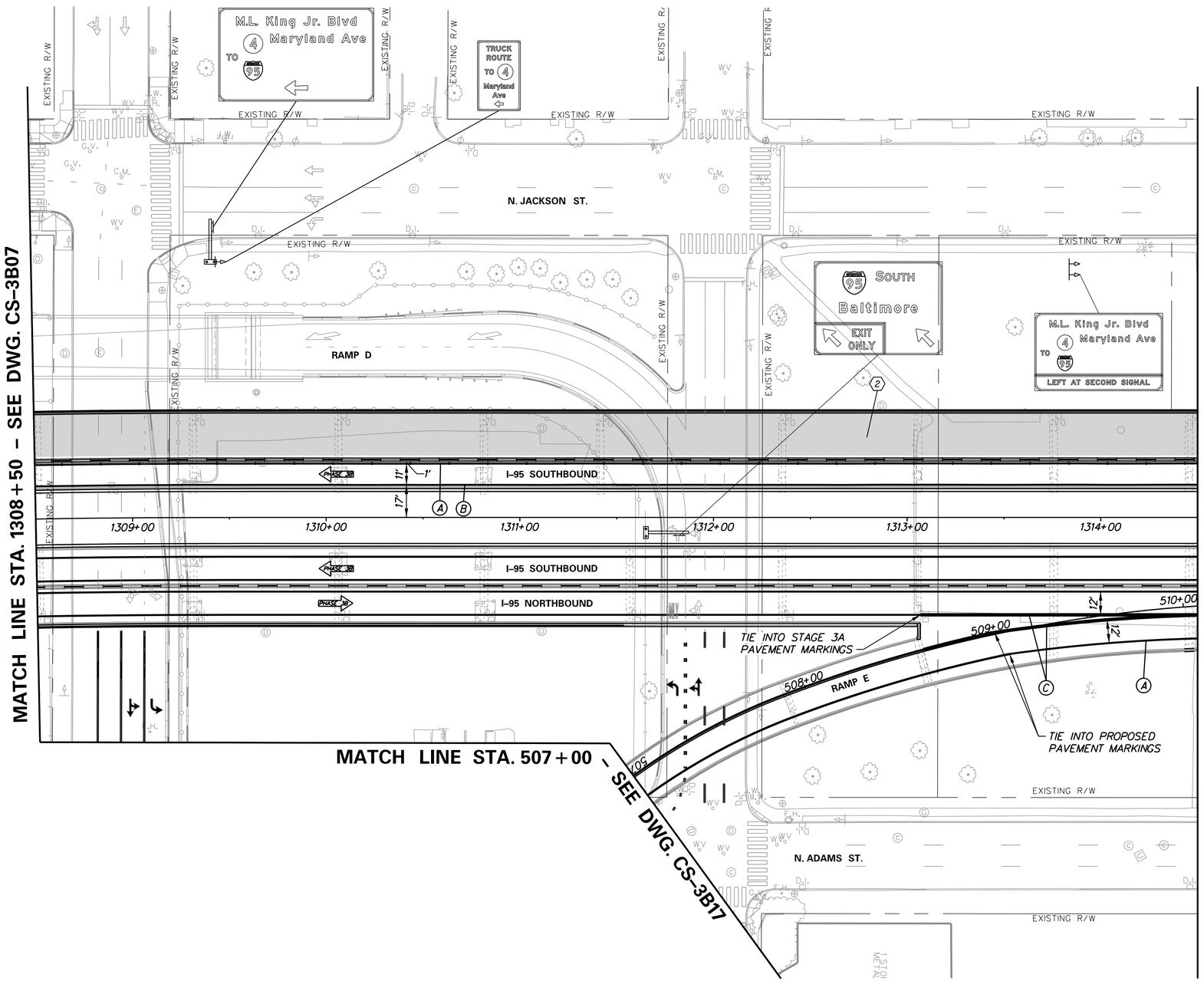
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\Contract_I-95\CADD\Traffic\CS3B08.dgn
5/21/2019 9:50:17 AM

ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3B

CS-3B08
SECTION
WRA
SHEET NO.
3-231

CONSTRUCTION PHASING LEGEND

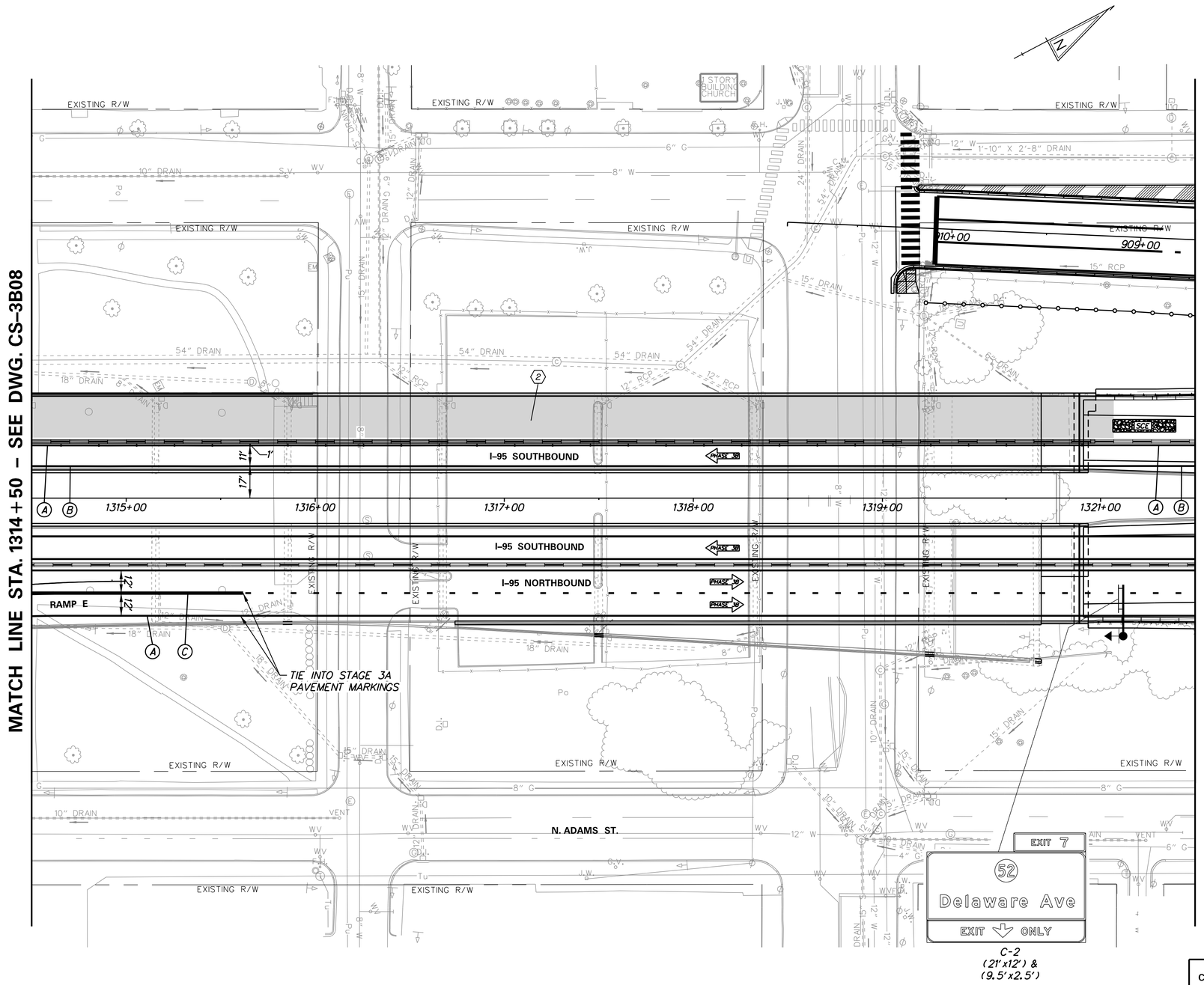
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\CADD\Traffic\CS3B09.dgn
2/11/2019 9:17:13 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B

CS-3B09

SHEET NO.	TOTAL SHTS.
3-232	3-420

CONSTRUCTION PHASING LEGEND

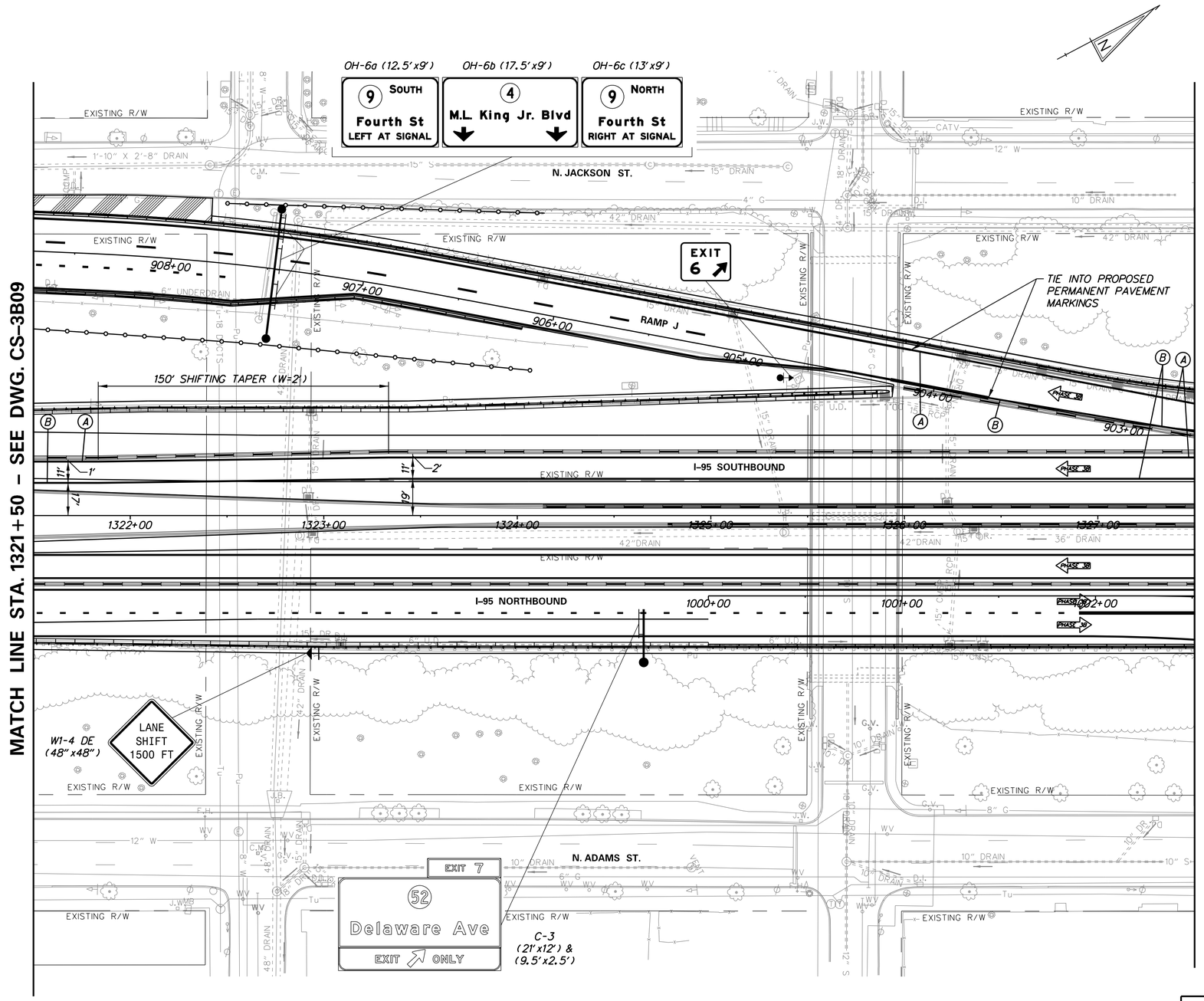
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3B10.dgn
2/17/2016 9:17:15 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B

CS-3B10
SHEET NO.
3-233
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

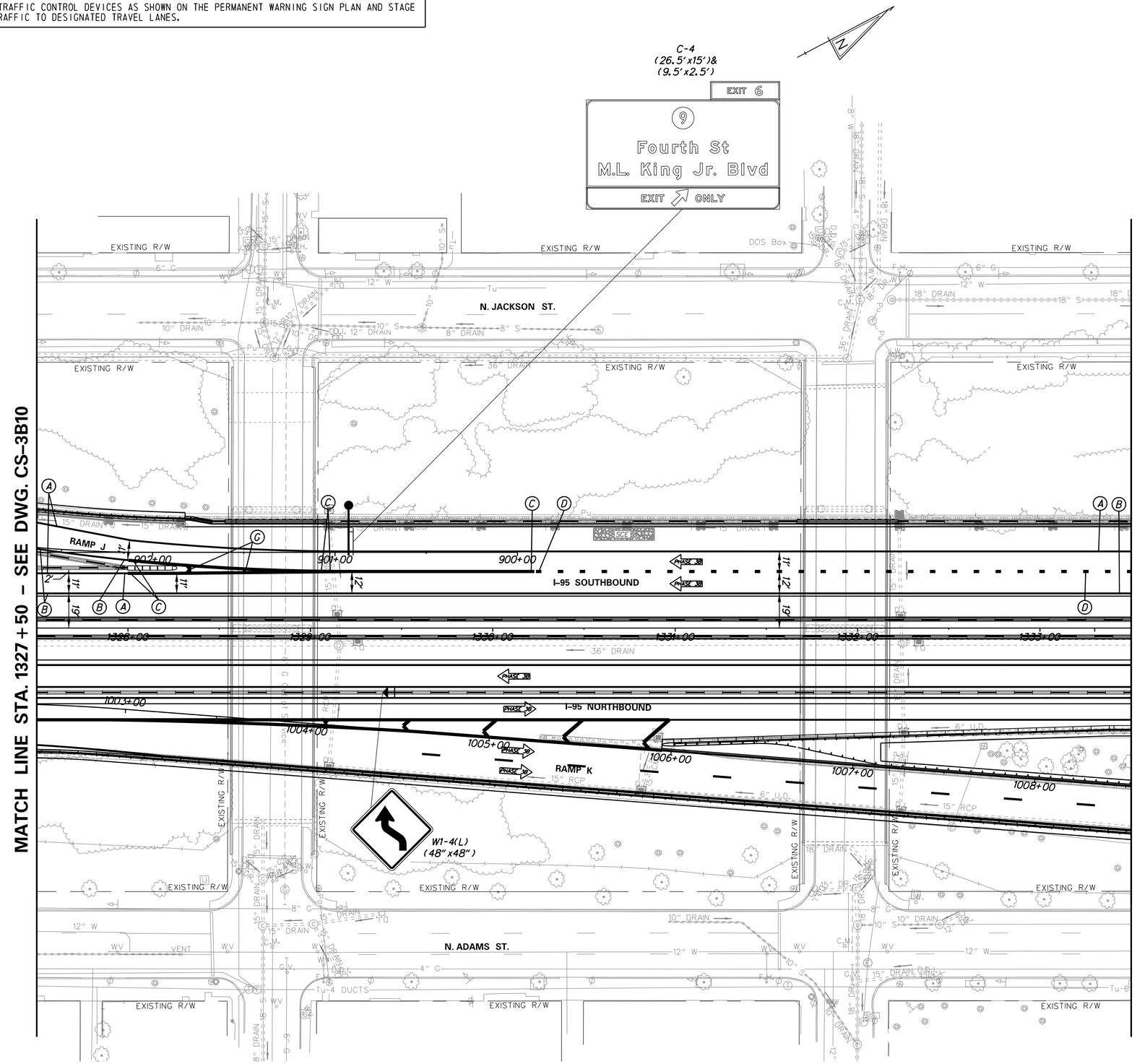
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3B11.dgn
2/11/2016 9:17:16 AM

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN – PHASE 3B

CS-3B11
SHEET NO.
3-234
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

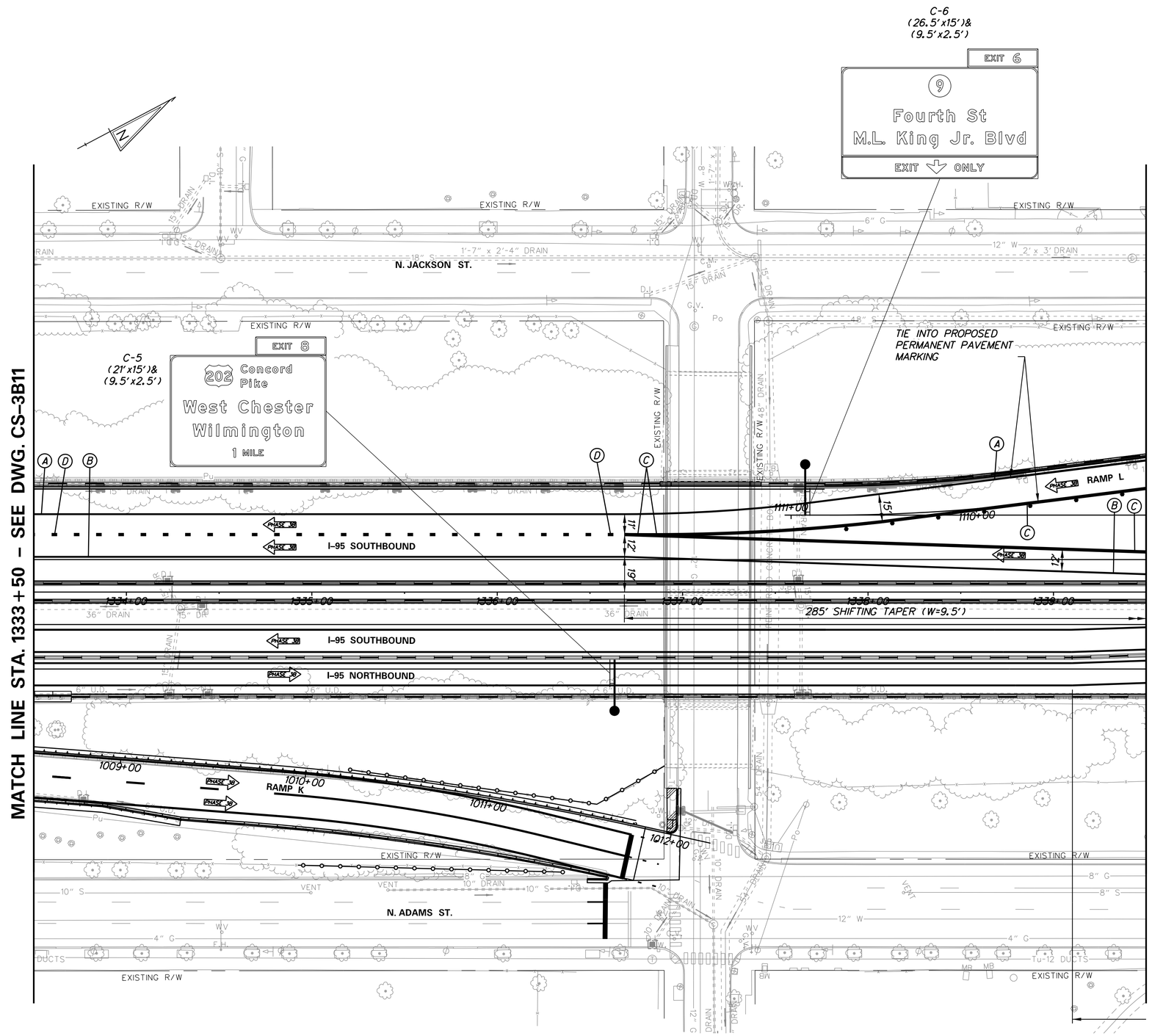
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B

CS-3B12
SHEET NO.
3-235
TOTAL SHTS.
3-420

N:\31987-004\CADD\Traffic\CS3B12.dgn
2/16/2018 9:17:18 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

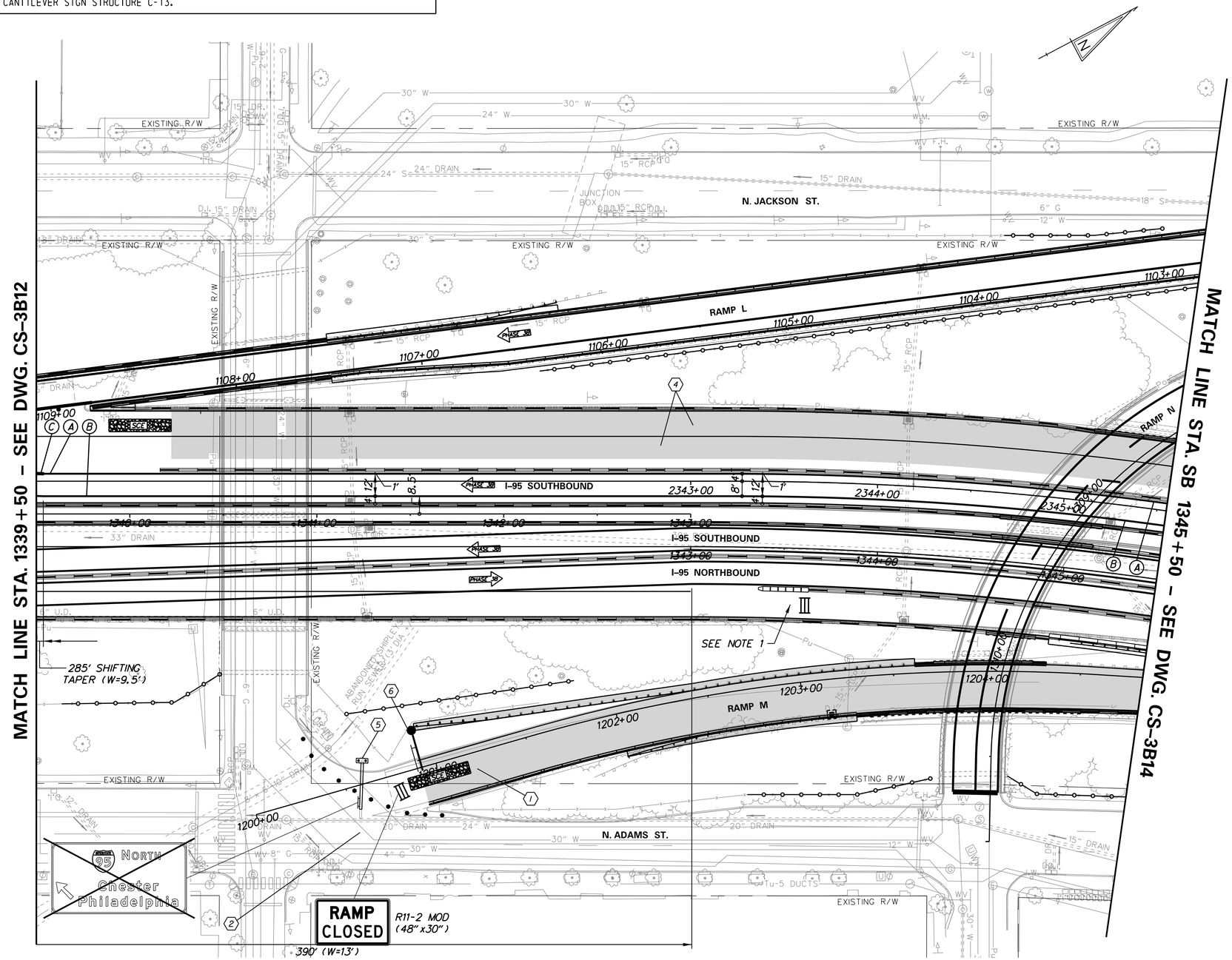
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. CLOSE RAMP M AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
2. DURING ALLOWABLE WORK HOURS, CLOSE THE LEFT LANE OF ADAMS STREET USING TA-23 AND RECONSTRUCT ROADWAY.
3. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
4. RECONSTRUCT SHOULDER AND ROADWAY.
5. REMOVE EXISTING CANTILEVER SIGN STRUCTURE.
6. CONSTRUCT PROPOSED CANTILEVER SIGN STRUCTURE C-13.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE CONCRETE BARRIER BETWEEN STA. 1343+35 AND STA. 1346+05.
2. SEE CS-3B19 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B

CS-3B13 | SHEET NO. 3-236 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3B13.dgn 2/17/2016 9:17:19 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

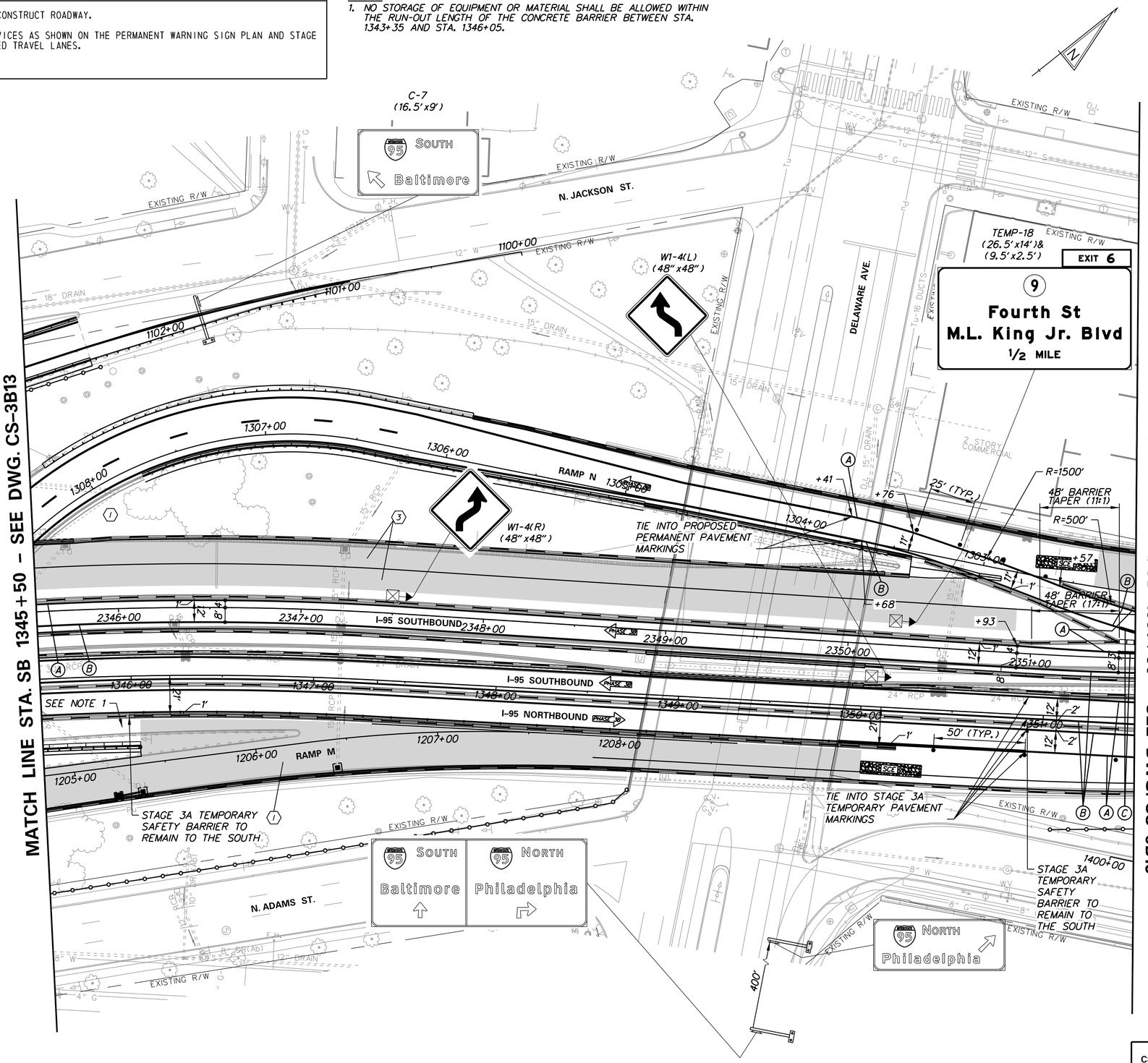
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-3B19 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. CLOSE RAMP M AND DETOUR TRAFFIC. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER AND ROADWAY.

NOTES:
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE CONCRETE BARRIER BETWEEN STA. 1343+35 AND STA. 1346+05.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B	CS-3B14 / SHEET NO. 3-237 / TOTAL SHTS. 3-420

N:\31987-004\C&D\Traffic\CS3B14.dgn
2/17/2016 9:17:21 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- (PM 6) REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

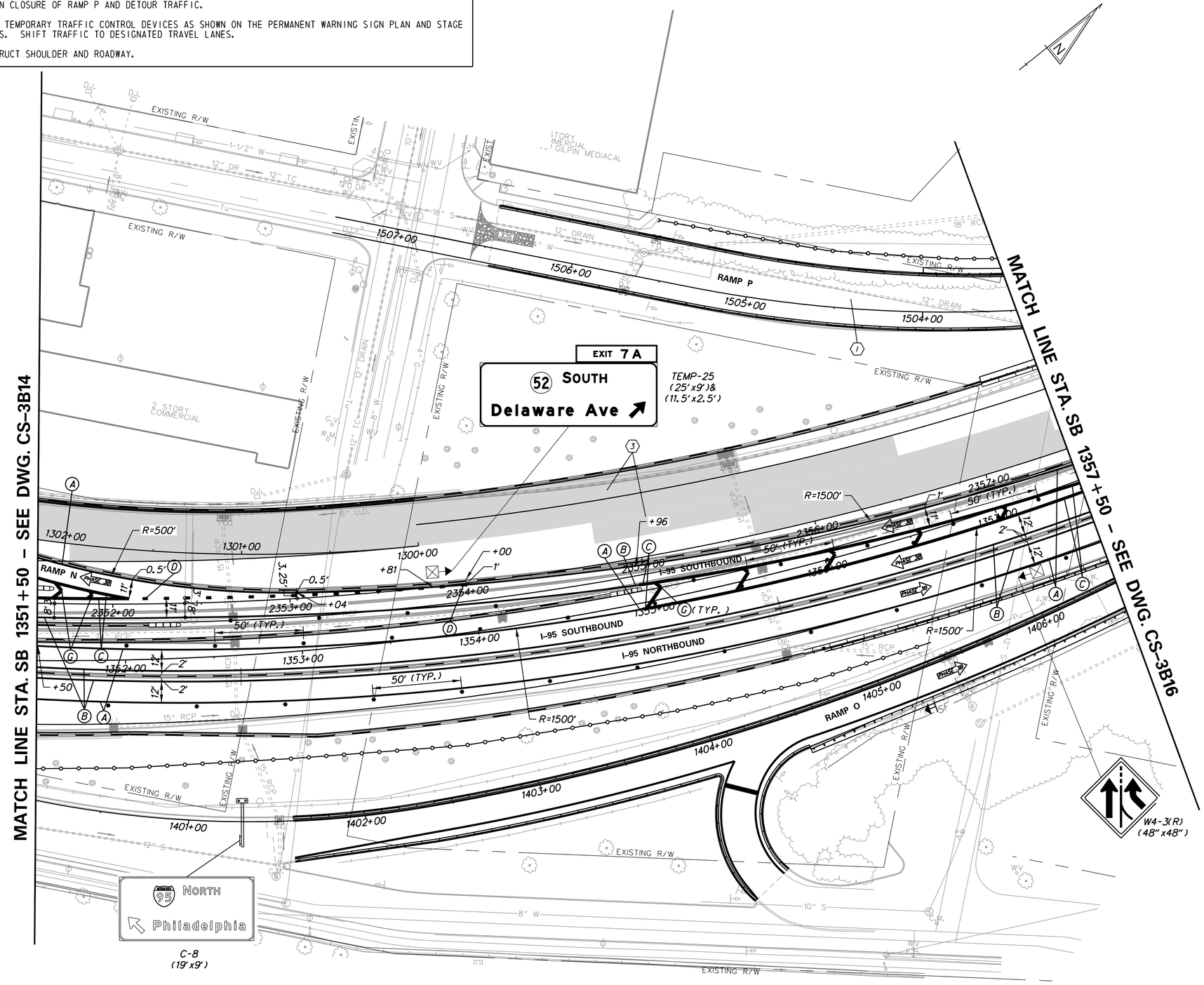
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-3B19 AND CS-3B20 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. MAINTAIN CLOSURE OF RAMP P AND DETOUR TRAFFIC.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER AND ROADWAY.



CS-3B15

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3B	SHEET NO. 3-238 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3B15.dgn
2/11/2016 9:17:23 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

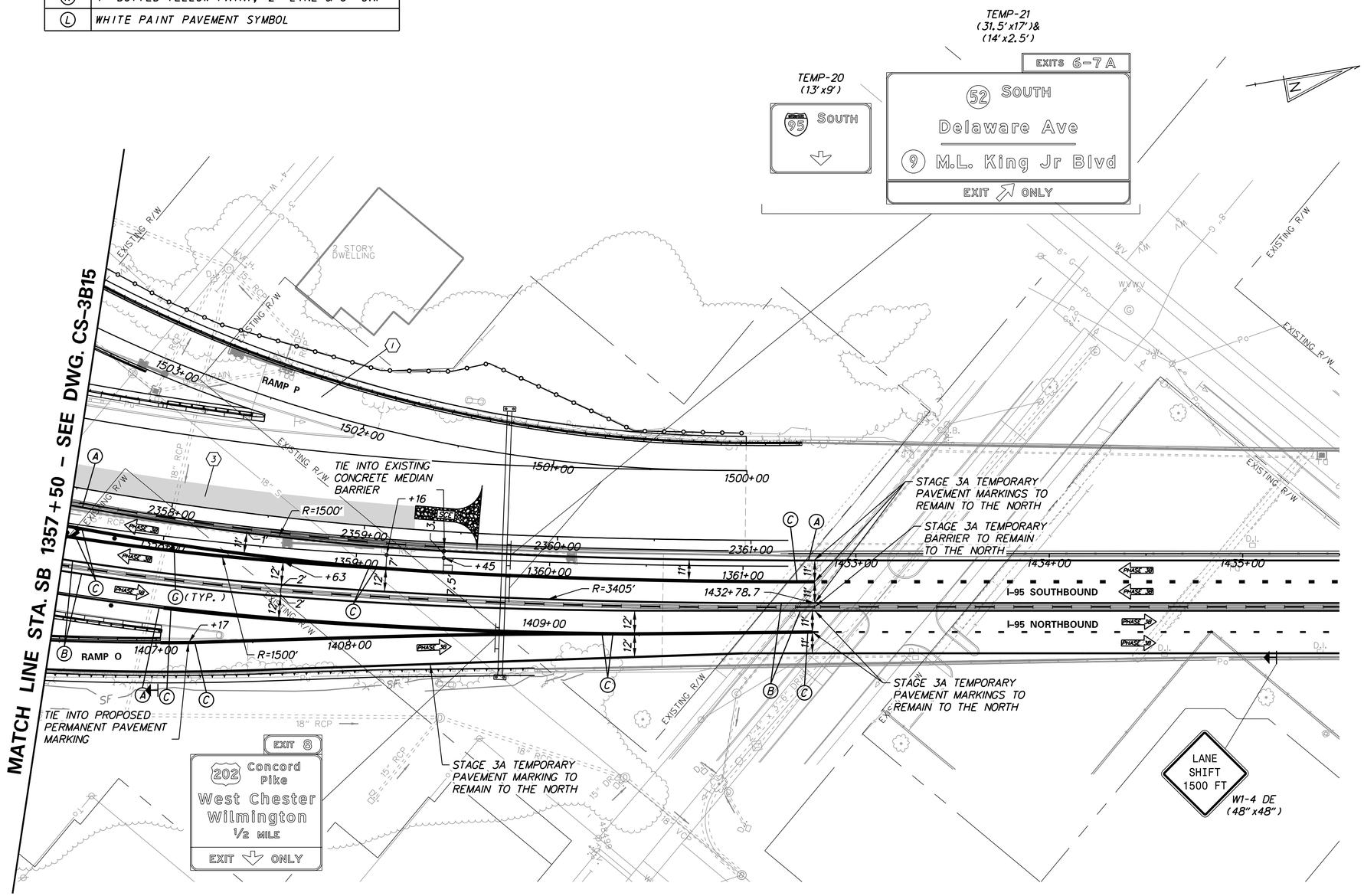
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. MAINTAIN CLOSURE OF RAMP P AND DETOUR TRAFFIC.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. RECONSTRUCT SHOULDER.

NOTES:
1. SEE CS-3B20 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3B

CS-3B16 | SHEET NO. 3-239 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3B16.dgn
2/11/2016 9:17:25 AM

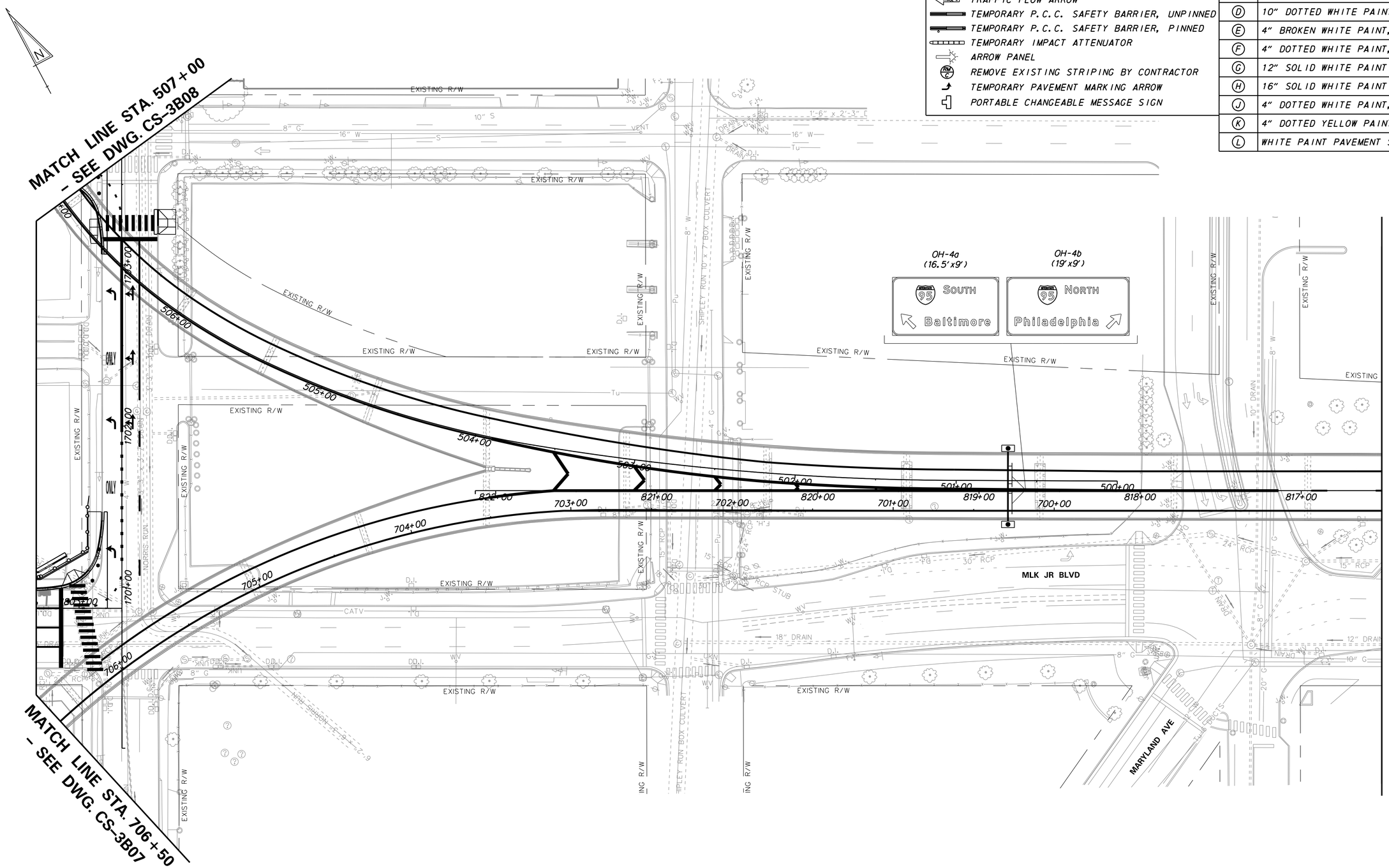
SEQUENCE OF CONSTRUCTION - PHASE 3B
7 INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



ADDENDUMS / REVISIONS	

SCALE 0 30 60 90 FEET

DELAWARE DEPARTMENT OF TRANSPORTATION

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B

CS-3B17
SHEET NO. 3-240
TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS3B17.dgn
2/11/2018 9:17:26 AM

CONSTRUCTION PHASING LEGEND

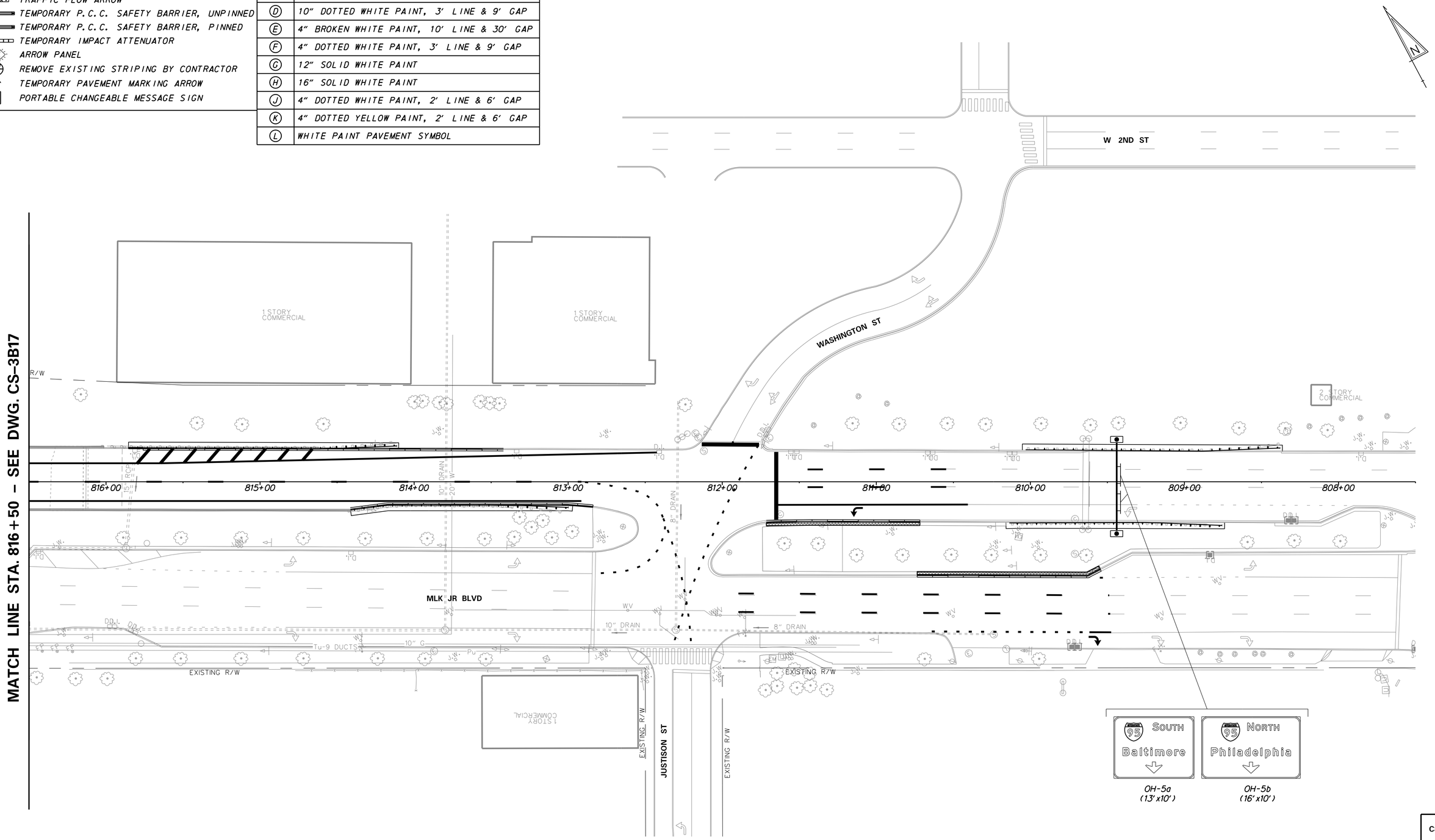
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS3B18.dgn
2/11/2016 9:17:27 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3B

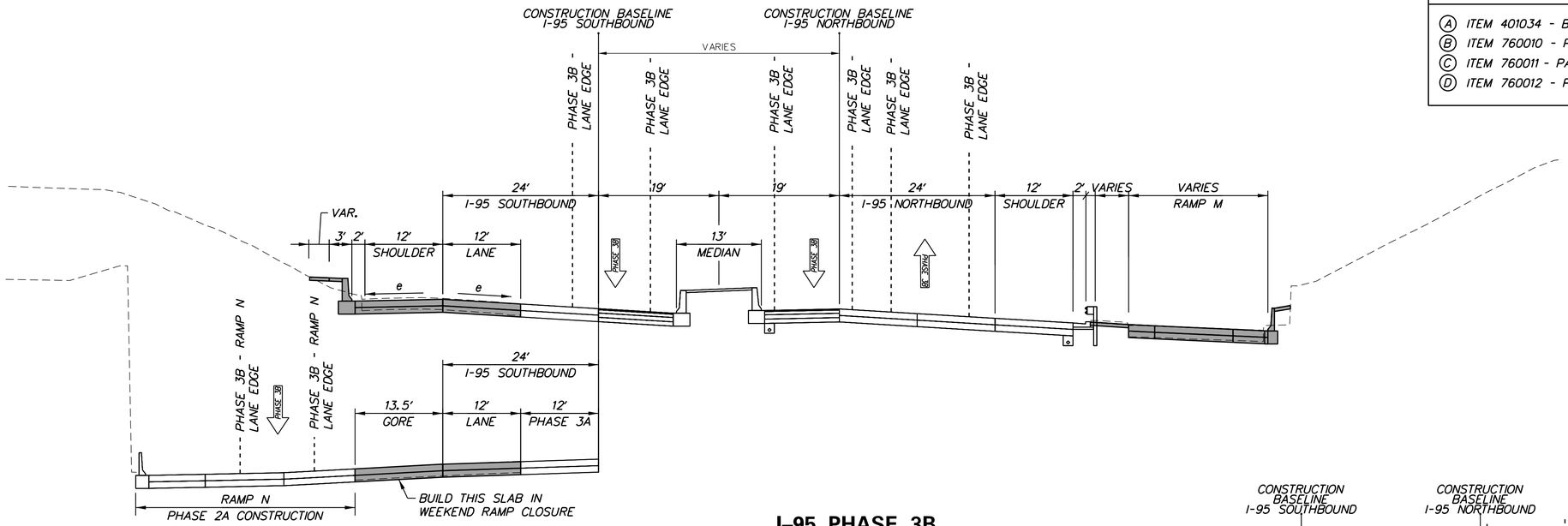
CS–3B18

SHEET NO. 3-241

TOTAL SHTS. 3-420

LEGEND

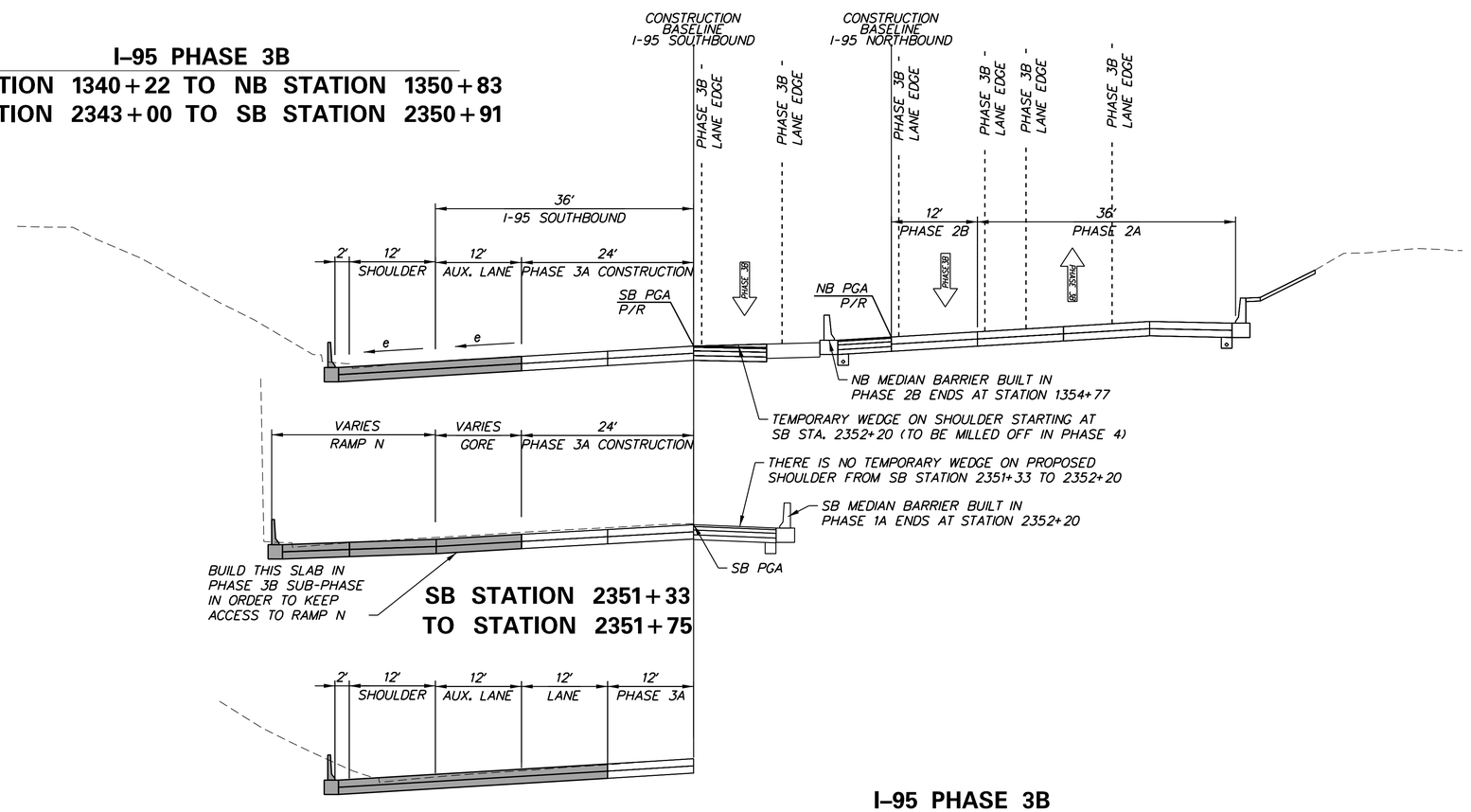
- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



SB STATION 2350+61
TO STATION 2350+91

I–95 PHASE 3B

NB STATION 1340+22 TO NB STATION 1350+83
SB STATION 2343+00 TO SB STATION 2350+91



SB STATION 2351+33
TO STATION 2351+75

SB STATION 2354+75
TO STATION 2355+65

I–95 PHASE 3B

NB STATION 1351+26 TO NB STATION 1355+65
SB STATION 2351+33 TO SB STATION 2355+65

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

N:\31987-004\CADD\Traffic\CS3B19_TS.dgn
2/17/2016 9:17:28 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / BRIDGE NO. / COUNTY NEW CASTLE / DESIGNED BY: WRA / CHECKED BY: WRA	M.O.T. TYPICAL SECTIONS

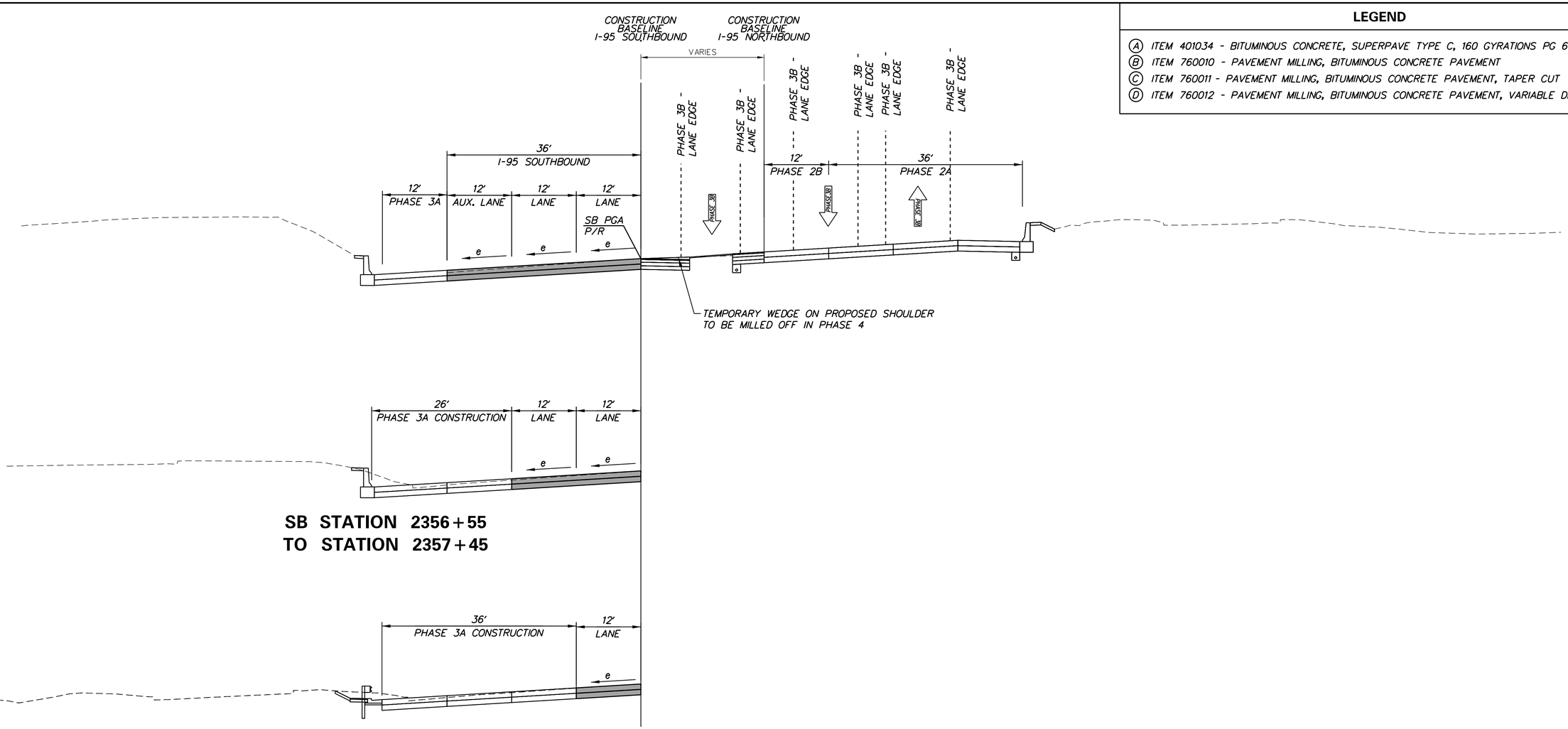
CS-3B19

SHEET NO. 3-242

TOTAL SHTS. 3-420

LEGEND

- (A) ITEM 401034 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 64-22 WEDGE
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



SB STATION 2356+55
TO STATION 2357+45

SB STATION 2357+45
TO STATION 2359+26

I-95 PHASE 3B

NB STATION 1355+65 TO NB STATION 1359+29
SB STATION 2355+65 TO SB STATION 2359+26

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

CS-3B20

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	M.O.T. TYPICAL SECTIONS	SHEET NO. 3-243
				COUNTY NEW CASTLE	DESIGNED BY: WRA		TOTAL SHTS. 3-420
					CHECKED BY: WRA		

N:\31987-004\C4D\Traffic\CS3B20_TS.dgn
2/11/2018 9:17:29 AM

CONSTRUCTION PHASING LEGEND

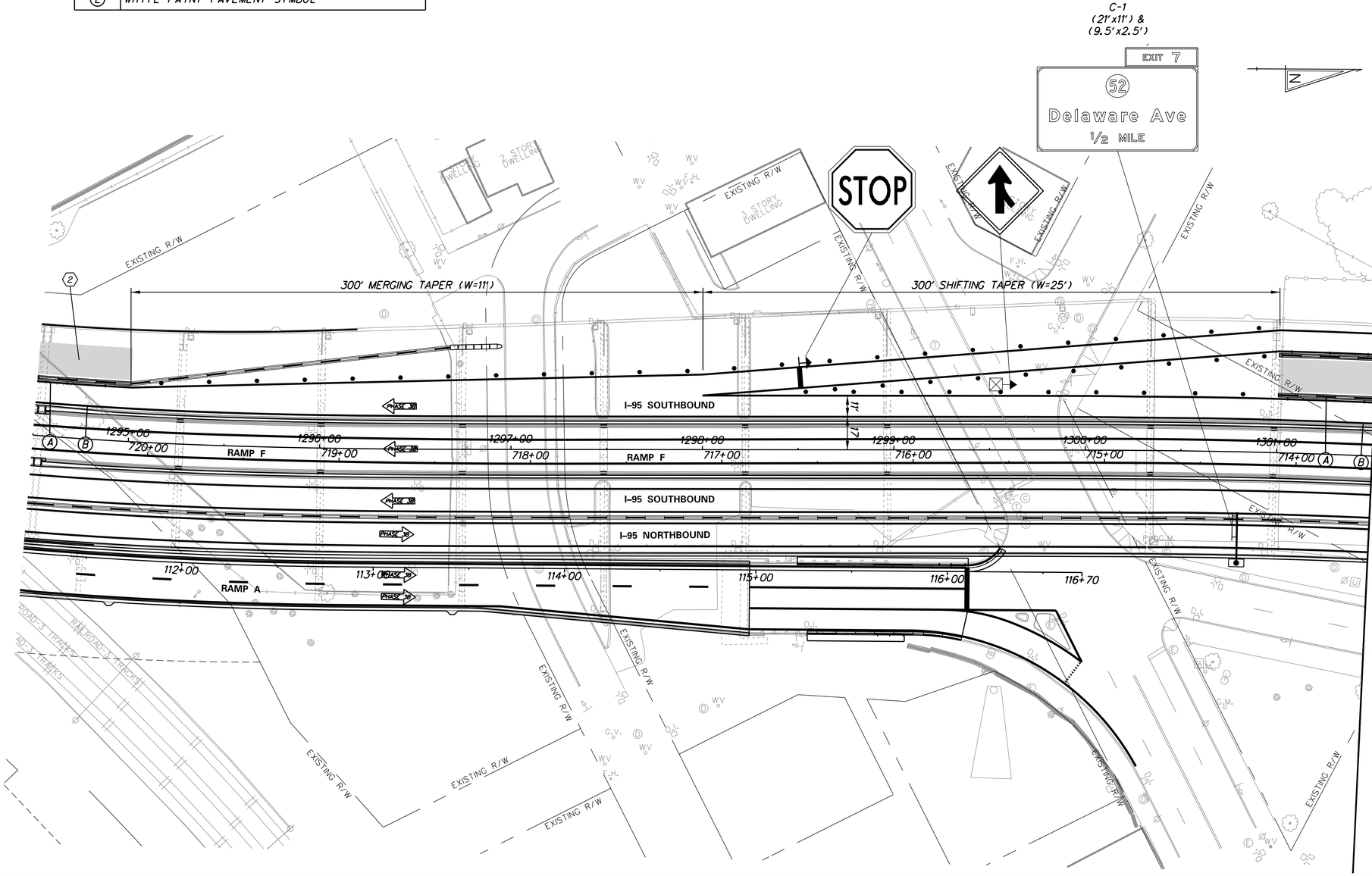
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 3B

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
2. COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.



N:\31987-004\Contract_I-95\CADD\Traffic\CS3C01.dgn
5/21/2019 9:50:18 AM

ADDENDA / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3C

CS-3C01
SECTION
WRA
SHEET NO.
3-243A

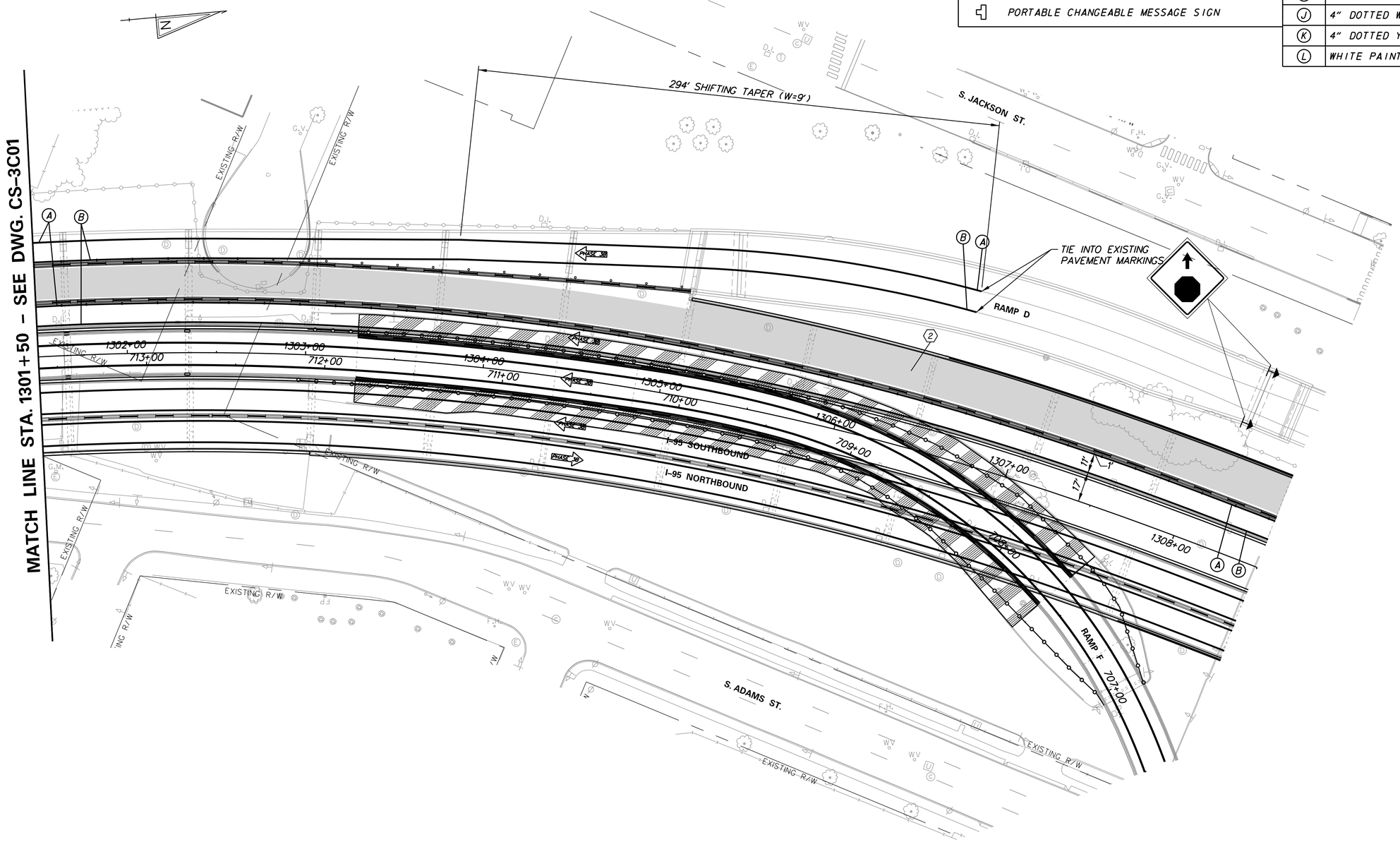
SEQUENCE OF CONSTRUCTION - PHASE 3B
(1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 3B PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
(2) COMPLETE BRIDGE REPAIR CONSTRUCTION AND DECK OVERLAY.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- (RM C) REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
(A)	4" SOLID WHITE PAINT
(B)	4" SOLID YELLOW PAINT
(C)	10" SOLID WHITE PAINT
(D)	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(E)	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
(F)	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
(G)	12" SOLID WHITE PAINT
(H)	16" SOLID WHITE PAINT
(J)	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
(K)	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
(L)	WHITE PAINT PAVEMENT SYMBOL



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: WRA	
COUNTY		
NEW CASTLE	CHECKED BY: WRA	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 3C

CS-3C02
SECTION
WRA
SHEET NO.
3-243B

N:\31987-004\Contract_I-95\CADD\Traffic\CS3C02.dgn
5/21/2019 9:50:19 AM

CONSTRUCTION PHASING LEGEND

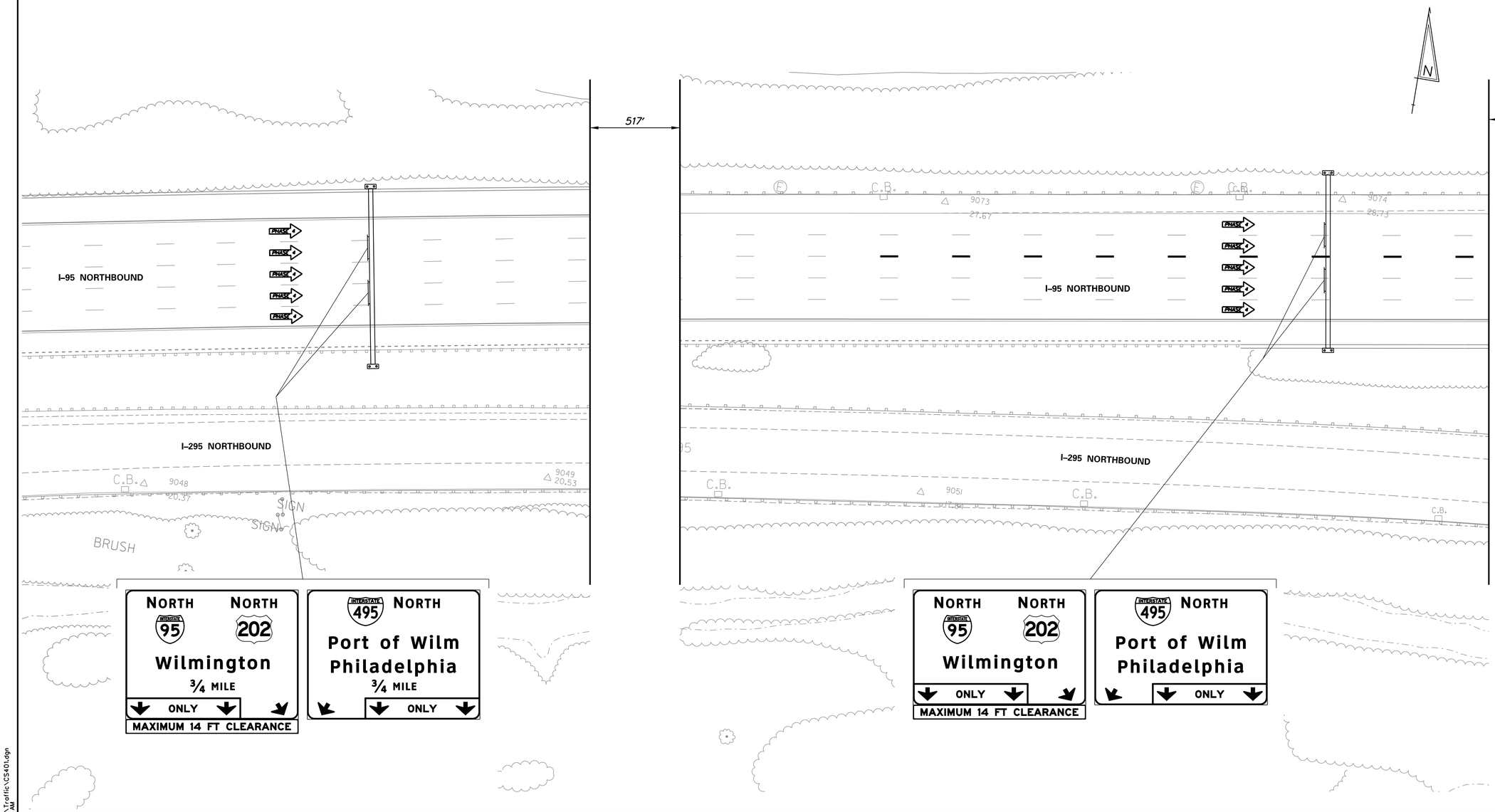
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



MATCH LINE – SEE DWG. CS-402

N:\31987-004\C400\Traffic\CS401.dgn
2/11/2019 9:17:53 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-401
SHEET NO.
3-244
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

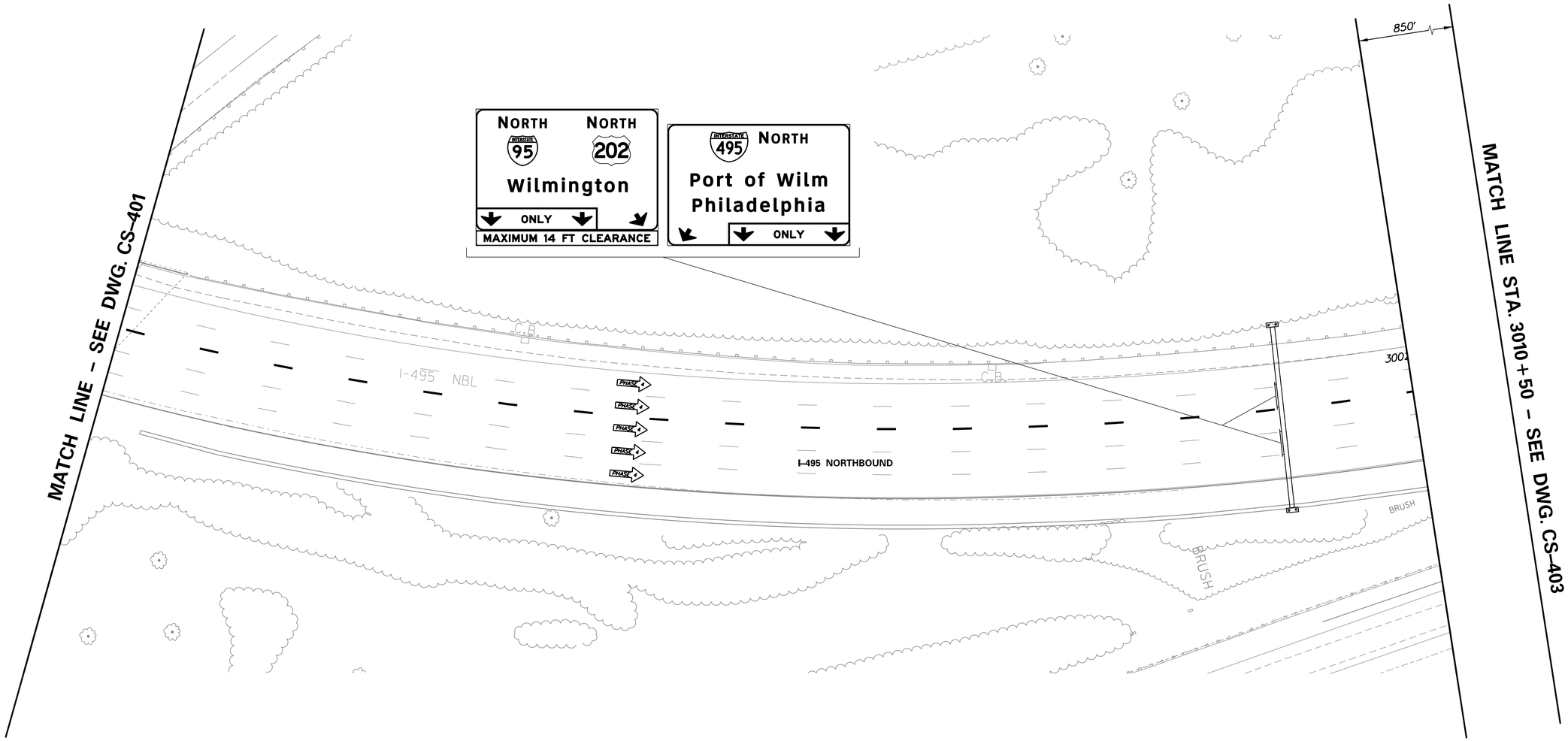
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-094\C40D\Traffic\CS402.dgn
2/11/2016 9:17:34 AM

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I–95
FROM I–495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN – PHASE 4

CS–402

SHEET NO.
3-245
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

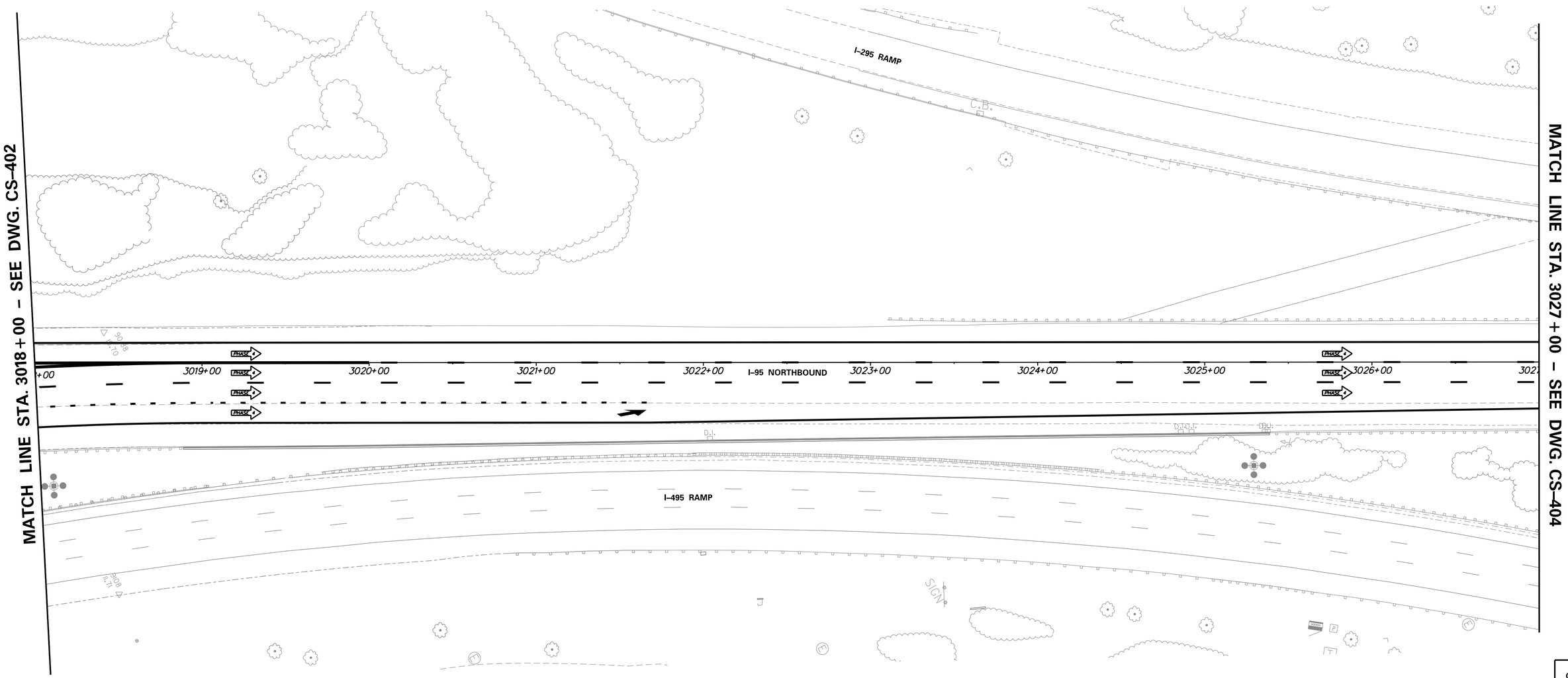
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS–403

SHEET NO. 3-246

TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS403.dgn
2/11/2018 9:17:35 AM

CONSTRUCTION PHASING LEGEND

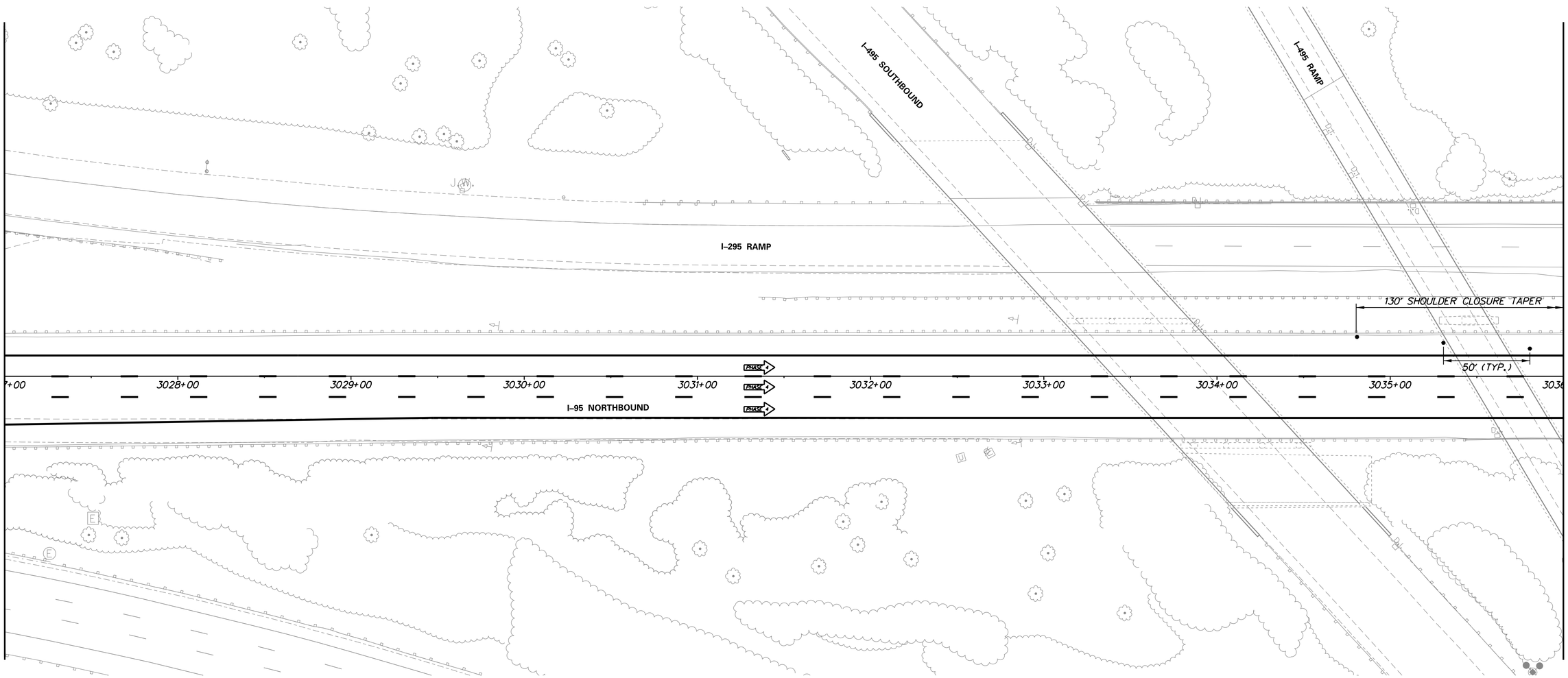
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS–404
SHEET NO.
3-247
TOTAL SHTS.
3-420

N:\31987-004\C400\Traffic\CS404.dgn
2/17/2018 9:17:37 AM

SEQUENCE OF CONSTRUCTION - PHASE 4
(1) REMOVE TEMPORARY PAVING AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.
(2) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

NOTES:

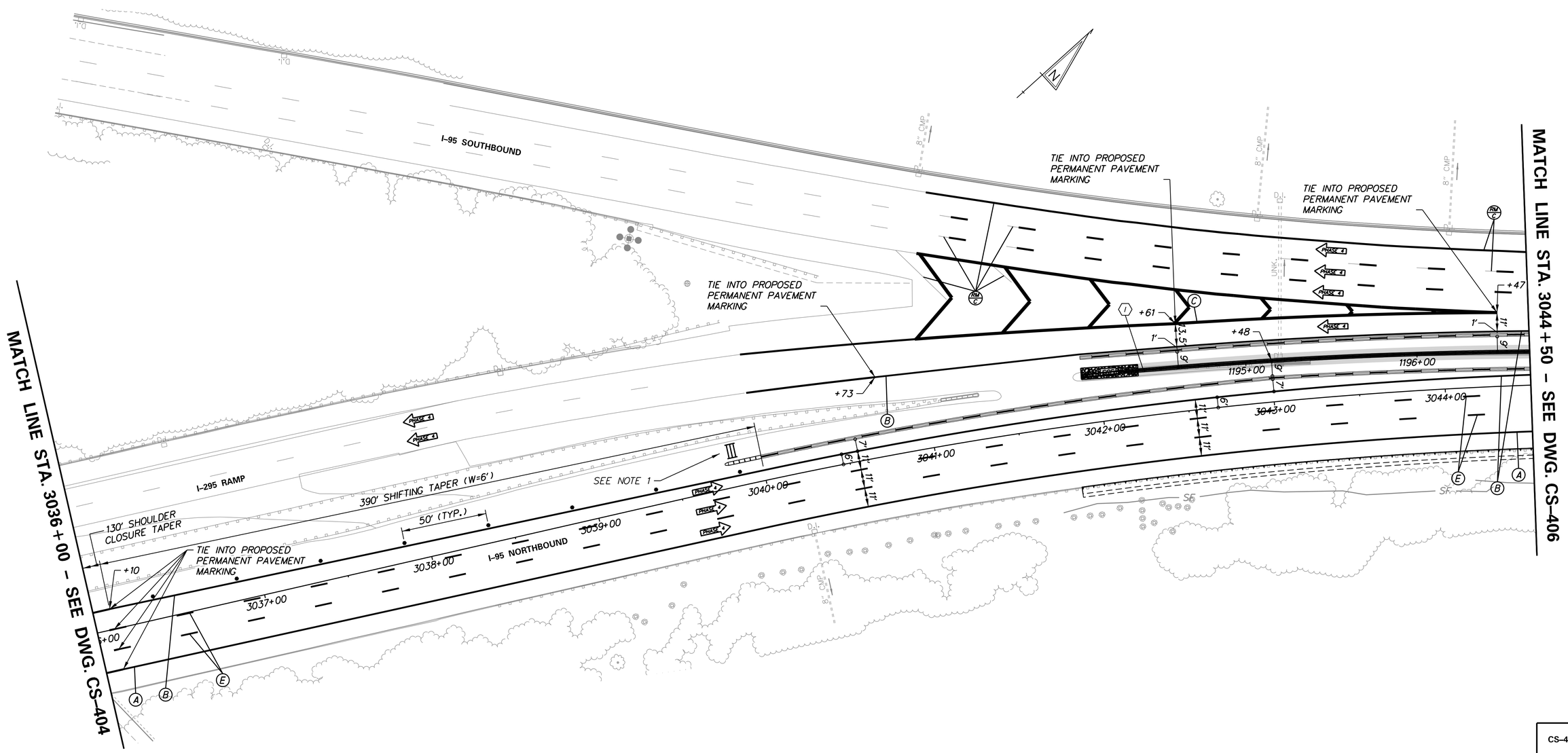
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 3039+80 AND STA. 3041+90.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4	CS-405 SHEET NO. 3-248 TOTAL SHTS. 3-420
				COUNTY NEW CASTLE	DESIGNED BY: WRA CHECKED BY: WRA		

N:\31987-004\CADD\Traffic\CS405.dgn
2/10/2016 9:17:38 AM

CONSTRUCTION PHASING LEGEND

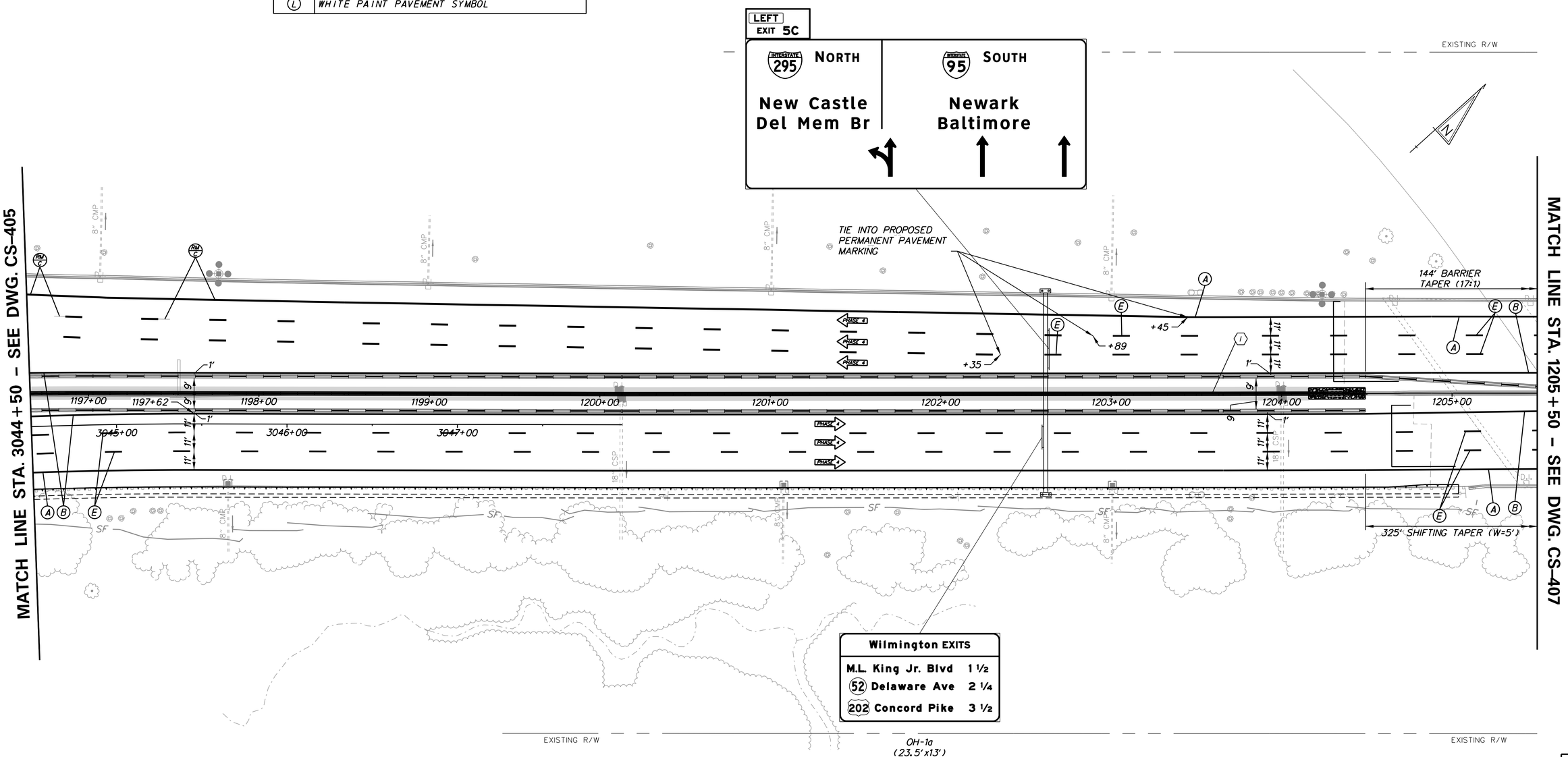
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. REMOVE TEMPORARY PAVING AND CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS–406
SHEET NO.
3-249
TOTAL SHTS.
3-420

N:\31987-004\CADD\Traffic\CS406.dgn
2/11/2016 9:17:40 AM

CONSTRUCTION PHASING LEGEND

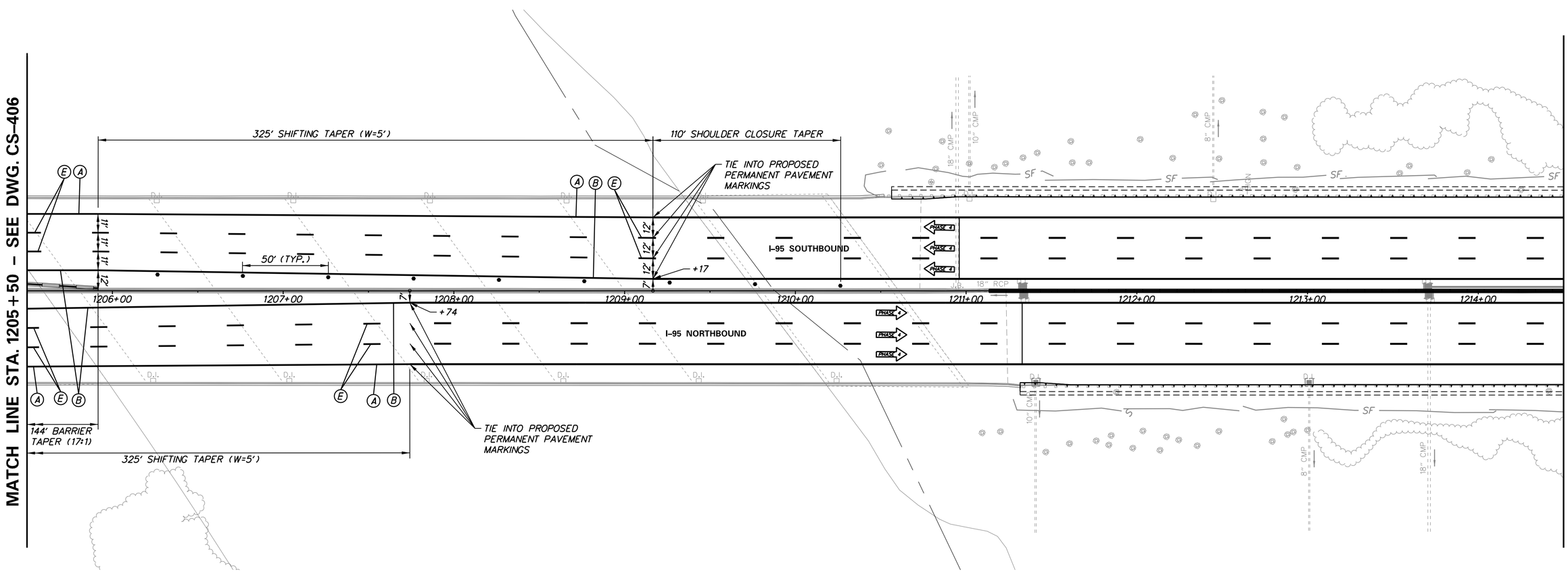
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-094\C4D\Traffic\CS407.dgn
2/11/2018 9:17:41 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS–407

SHEET NO. 3-250

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

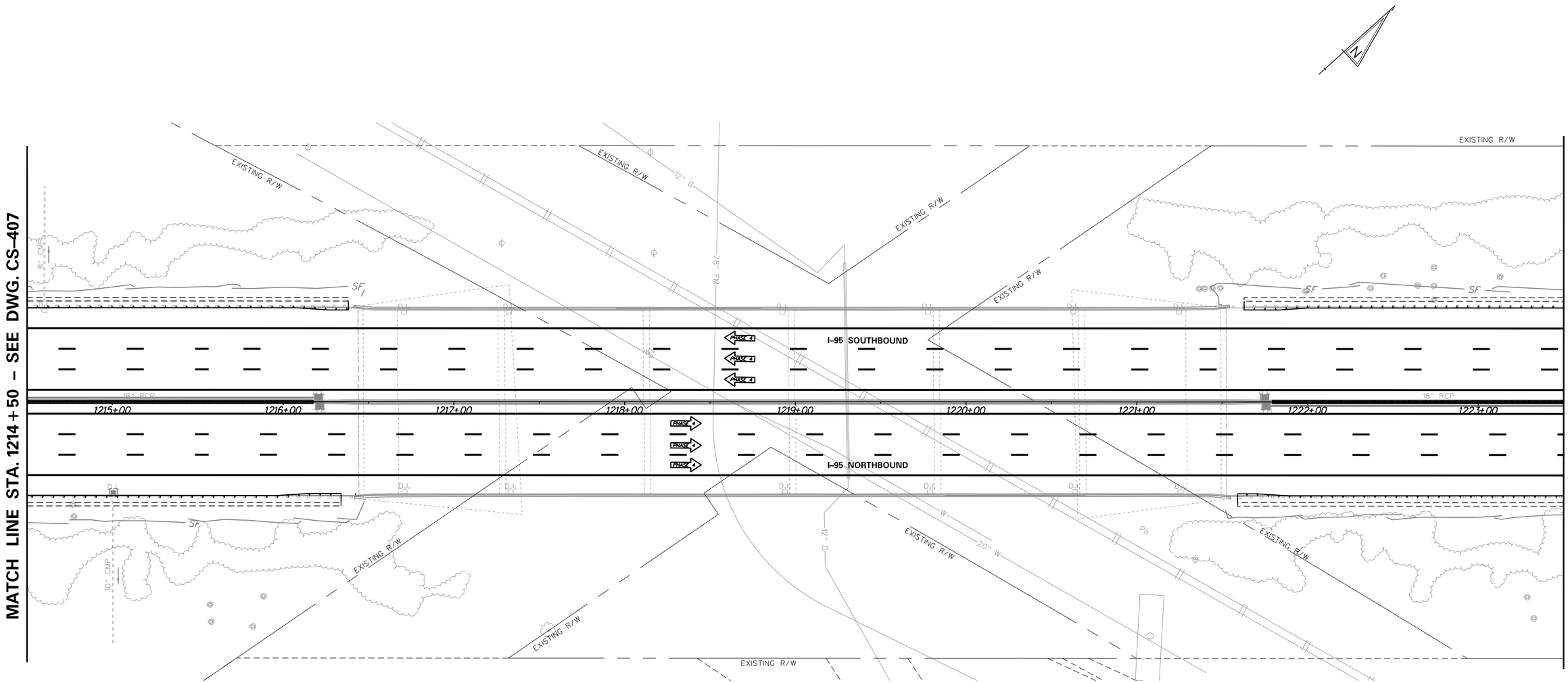
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS408.dgn
2/11/2016 9:17:42 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-408

SHEET NO. 3-251

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

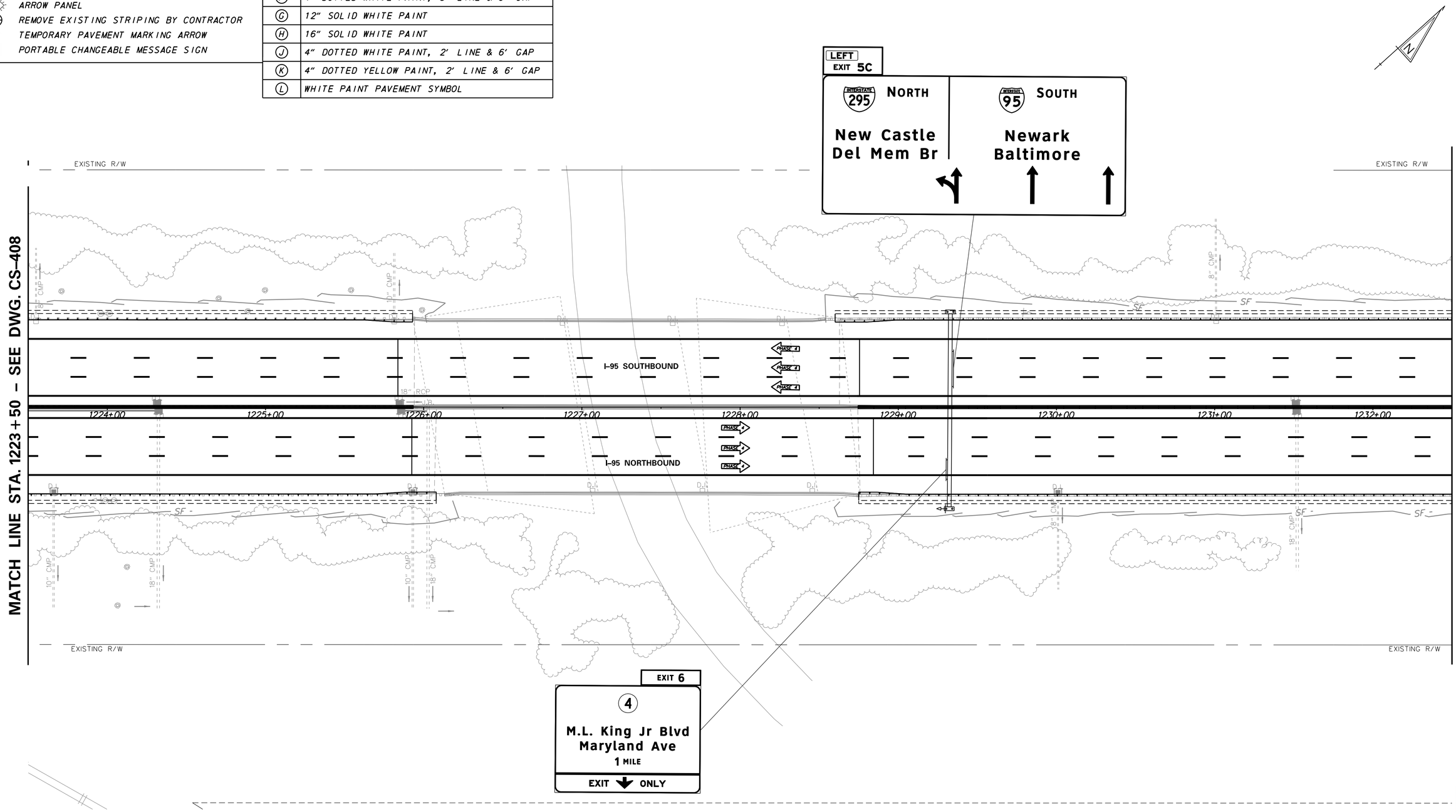
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS409.dgn
2/11/2016 9:17:43 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS–409

SHEET NO. 3-252

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

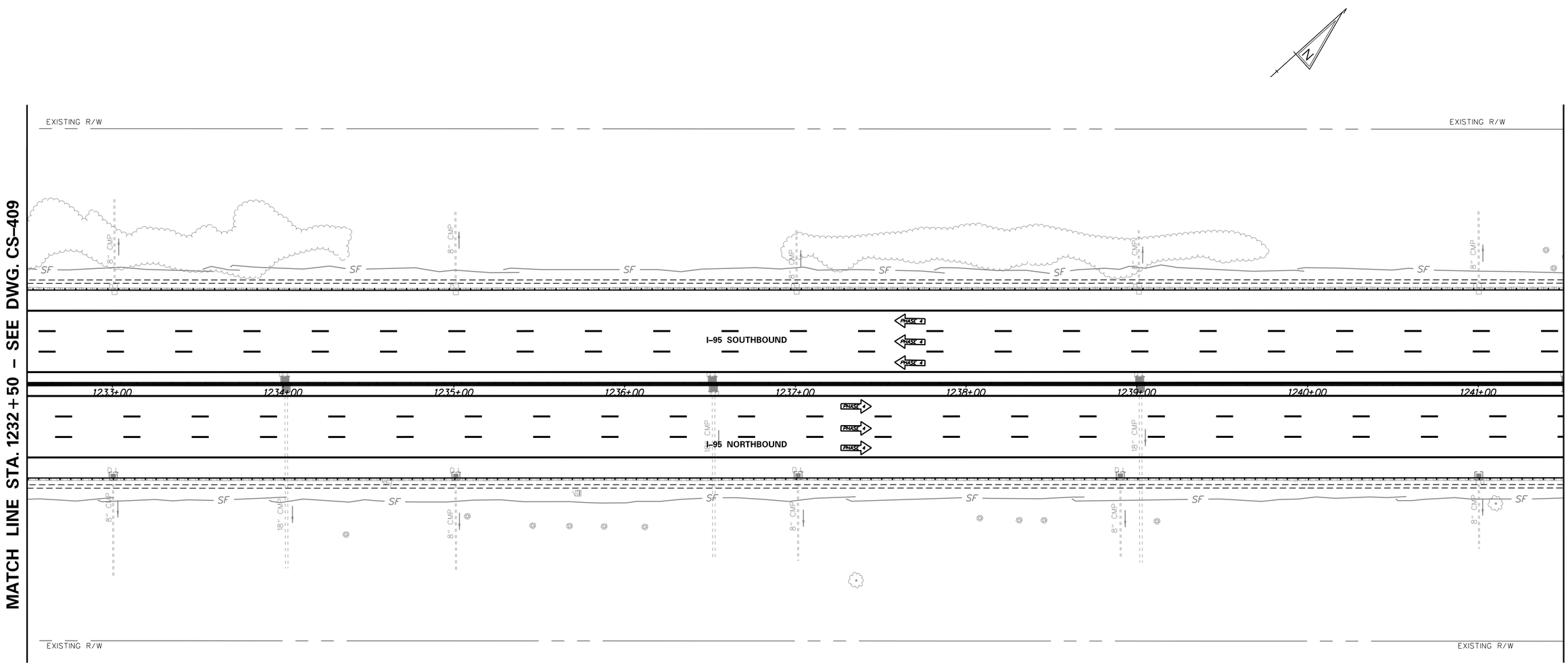
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS410.dgn
2/11/2016 9:17:44 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS–410

SHEET NO. 3-253

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

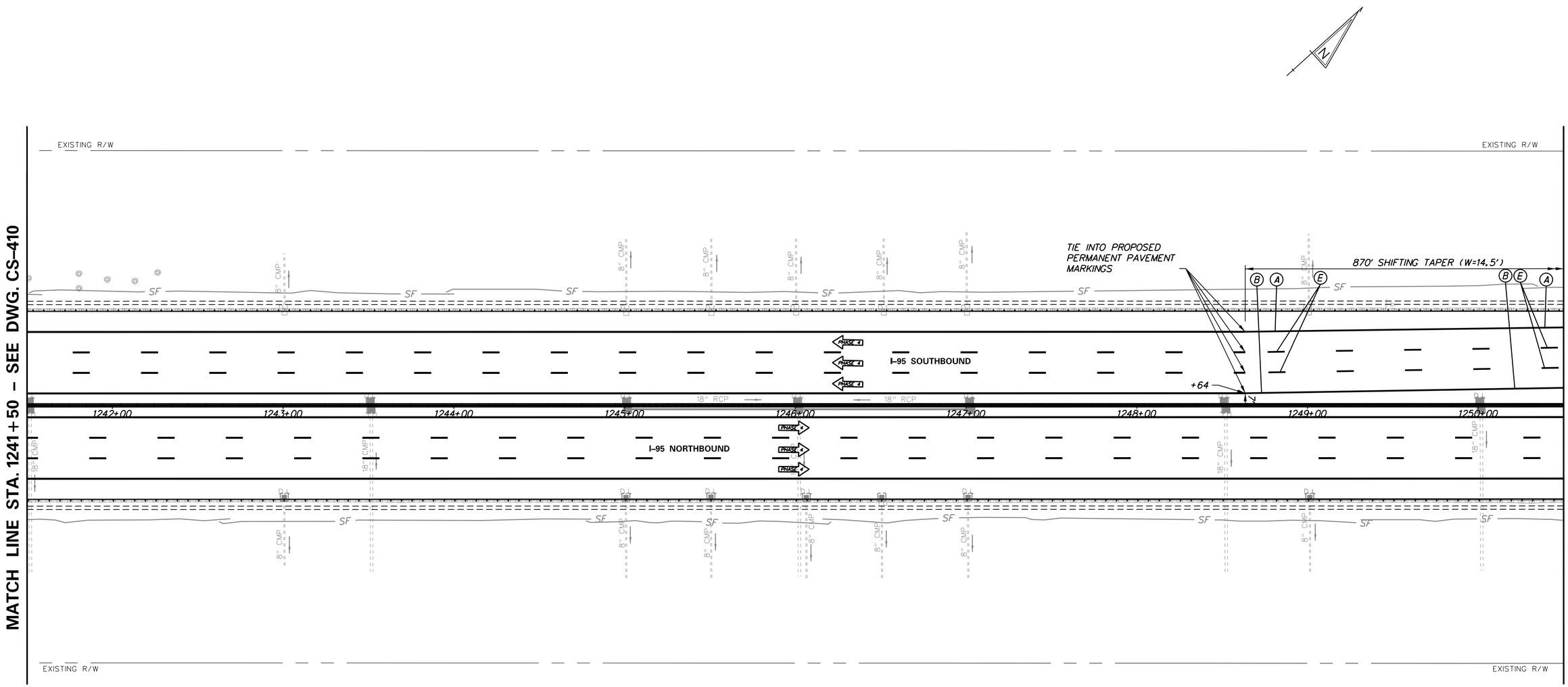
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS411.dgn
2/11/2018 9:17:45 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-411

SHEET NO.	TOTAL SHTS.
3-254	3-420

CONSTRUCTION PHASING LEGEND

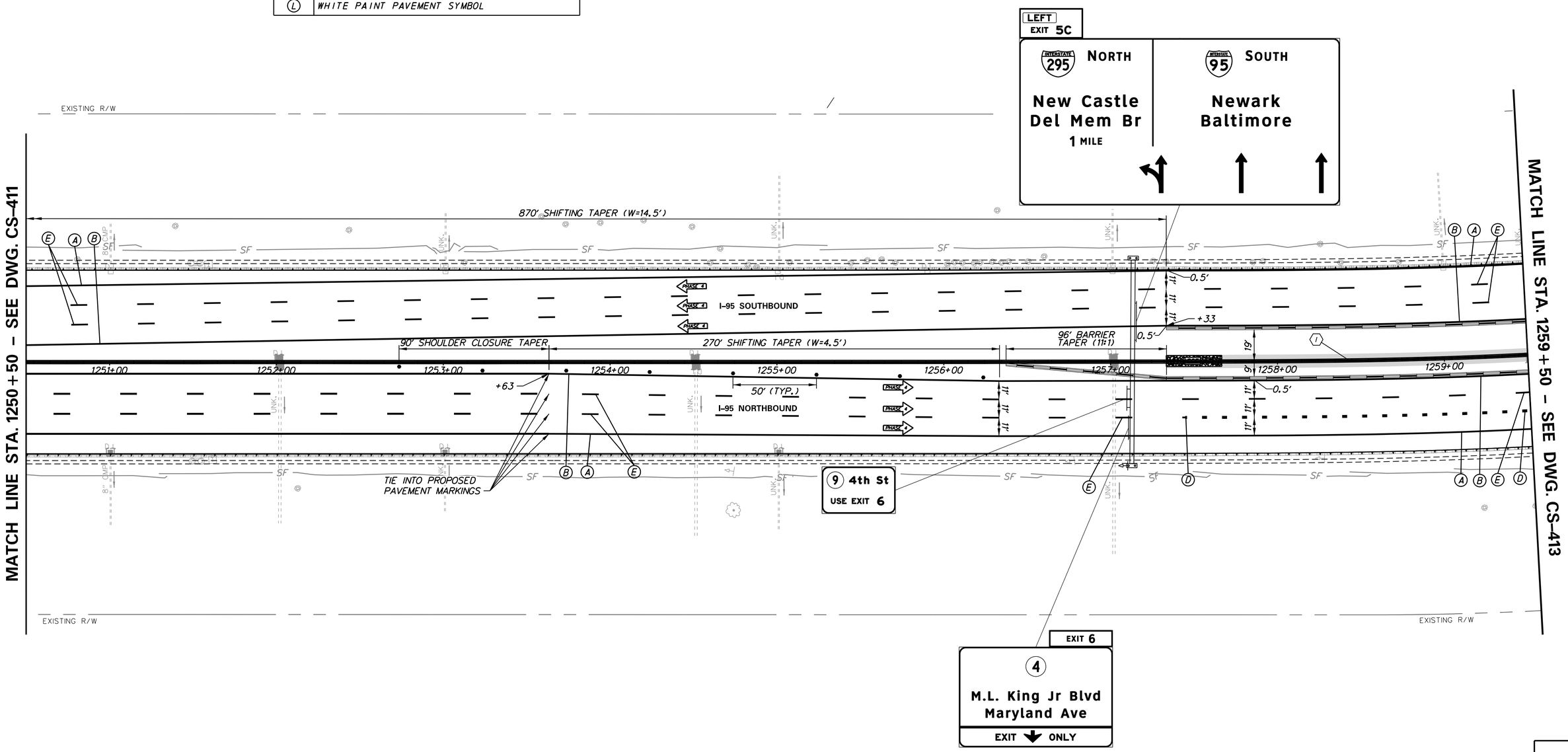
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\C&D\Traffic\CS412.dgn
2/17/2018 9:17:51 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 4

	CS-412
SHEET NO.	3-255
TOTAL SHTS.	3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

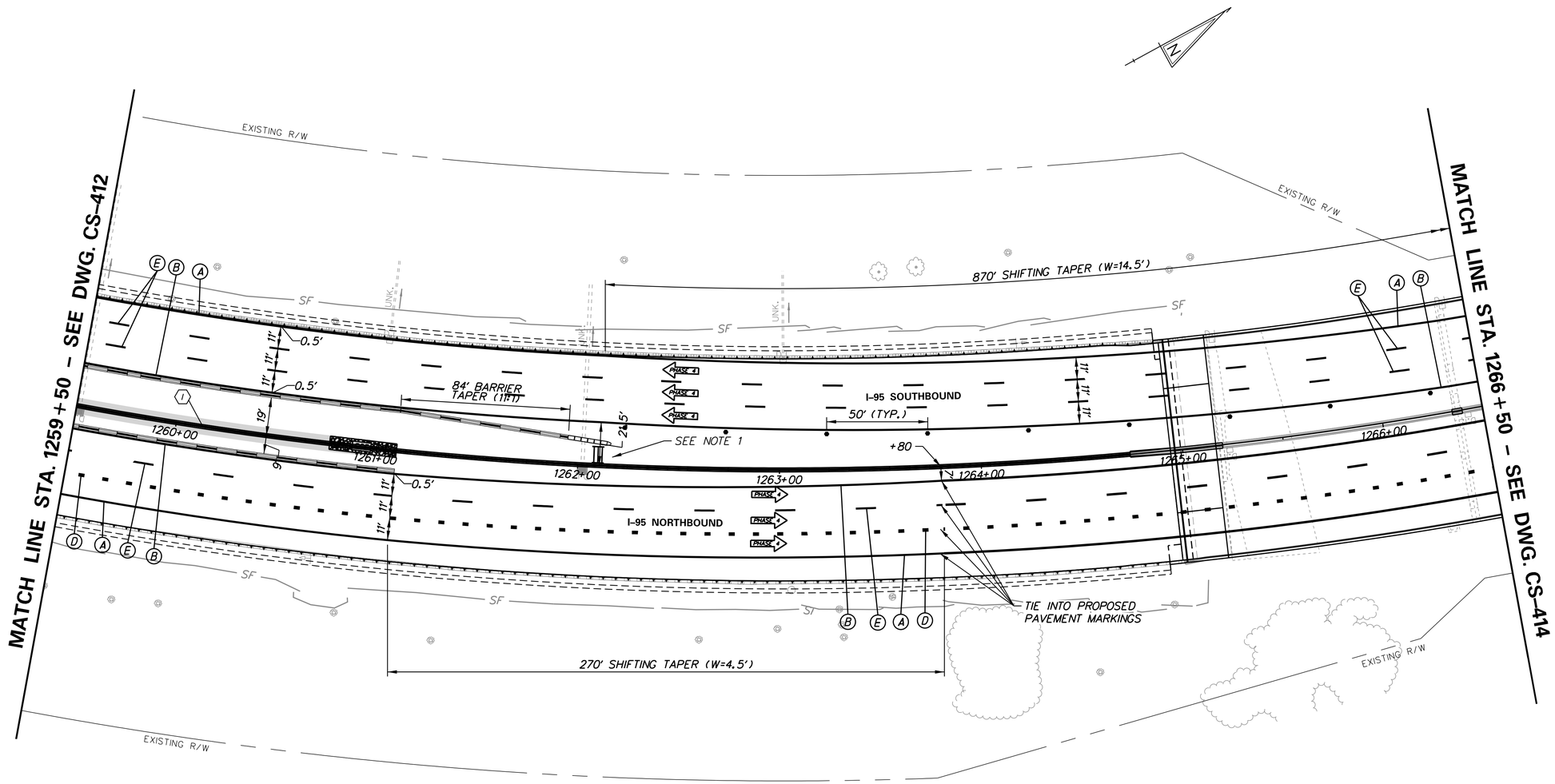
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. CONSTRUCT PROPOSED PERMANENT CONCRETE MEDIAN BARRIER.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1261+10 AND STA. 1262 +15.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A	CS-413 / SHEET NO. 3-256 / TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS413.dgn
2/11/2016 9:17:52 AM

CONSTRUCTION PHASING LEGEND

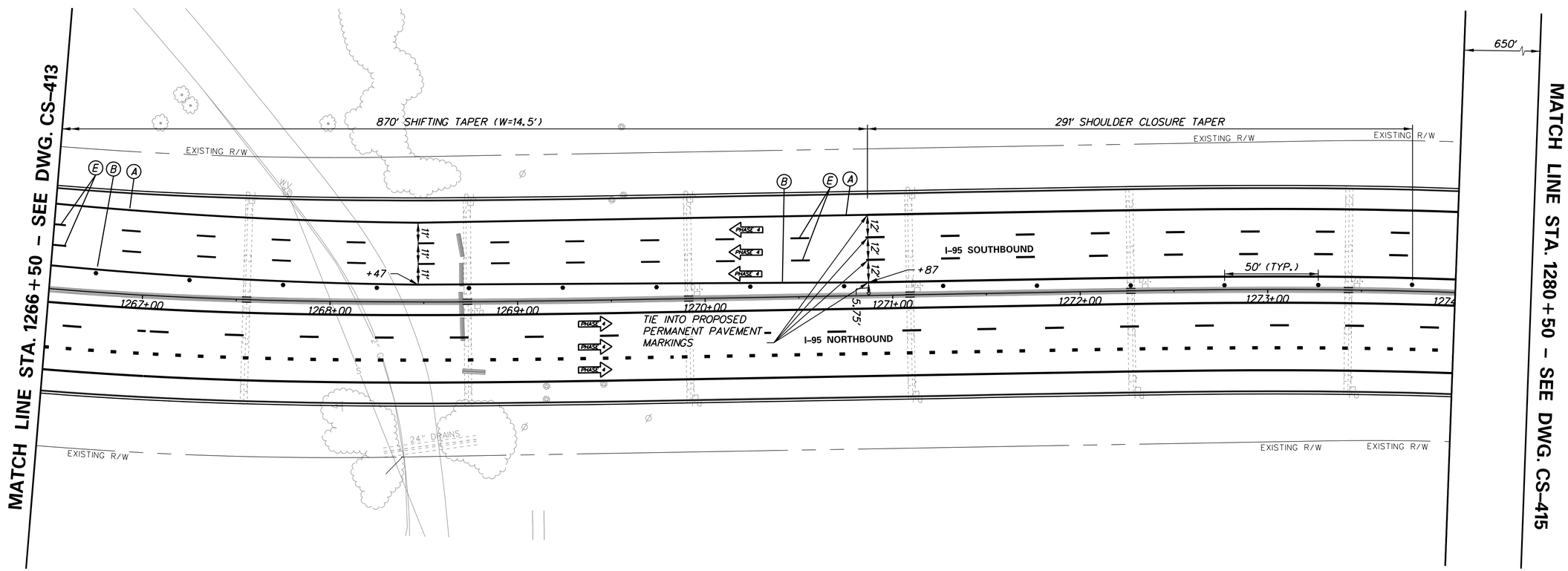
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-094\C&D\Traffic\CS414.dgn
2/11/2018 9:17:54 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS–414
SHEET NO.
3-257
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

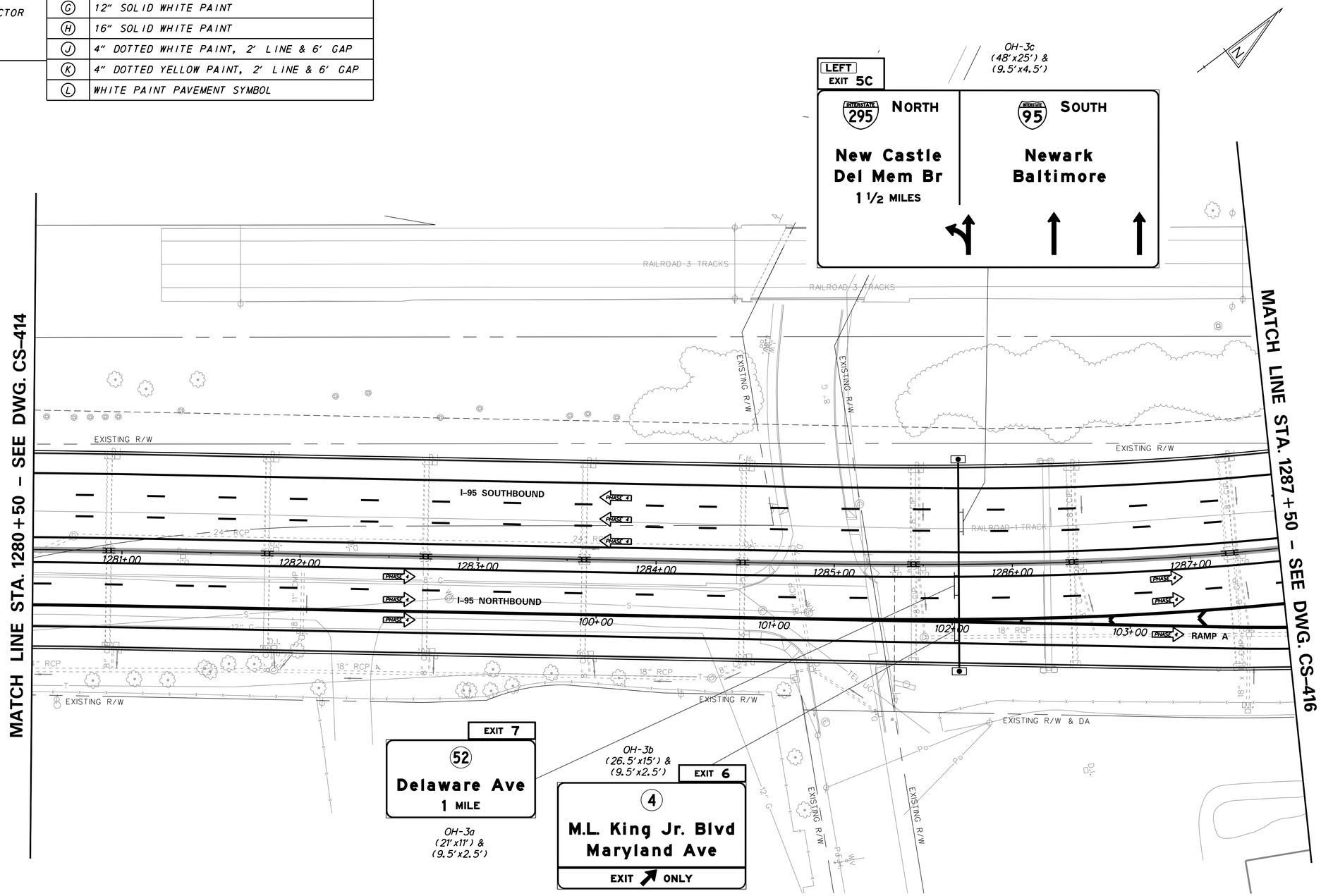
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-094\CADD\Traffic\CS415.dgn
2/11/2016 9:17:55 AM

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN – PHASE 4

CS-415
SHEET NO.
3-258
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

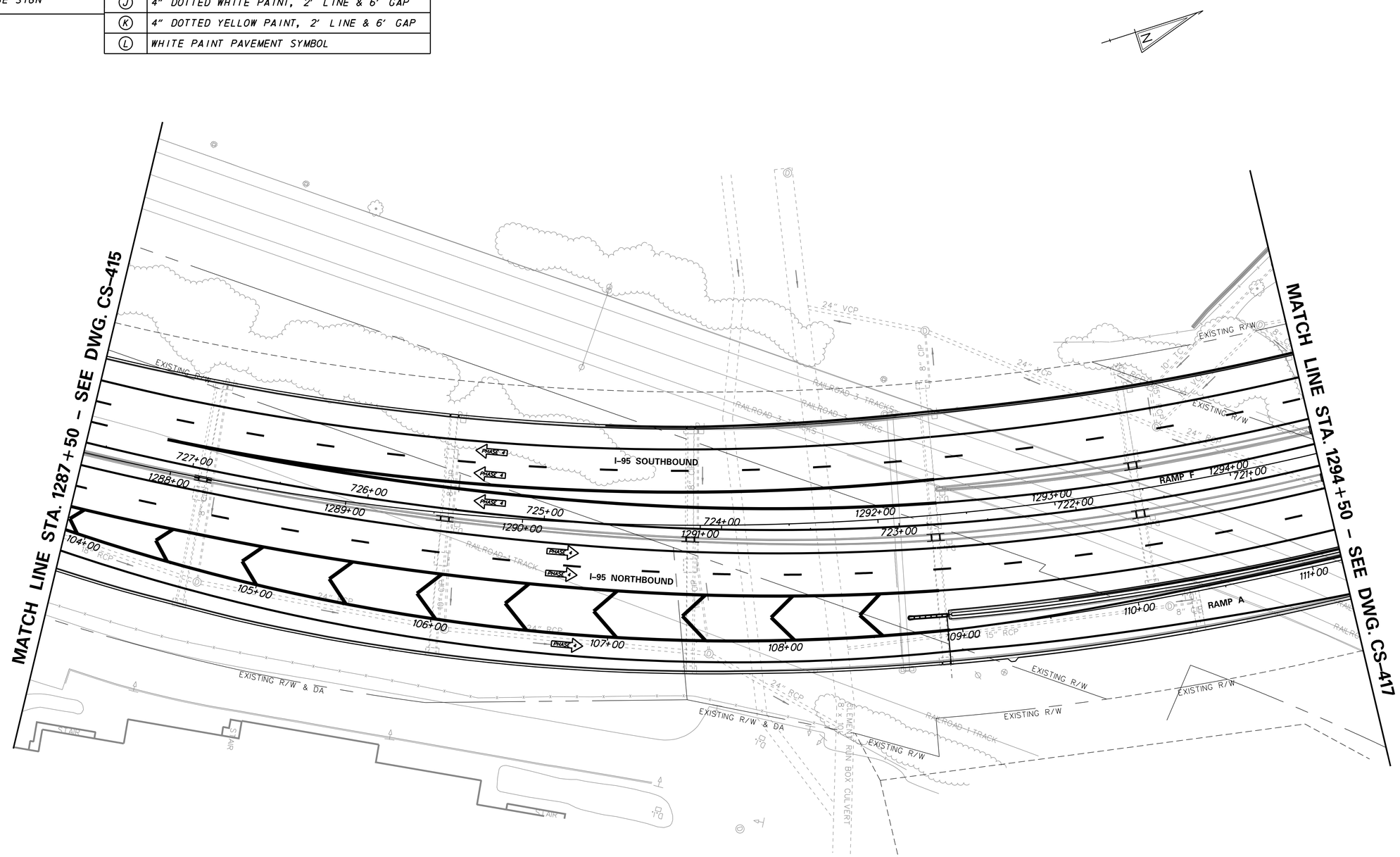
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE / BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1A

CS-416
SHEET NO. 3-259
TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS416.dgn
2/11/2016 9:17:56 AM

CONSTRUCTION PHASING LEGEND

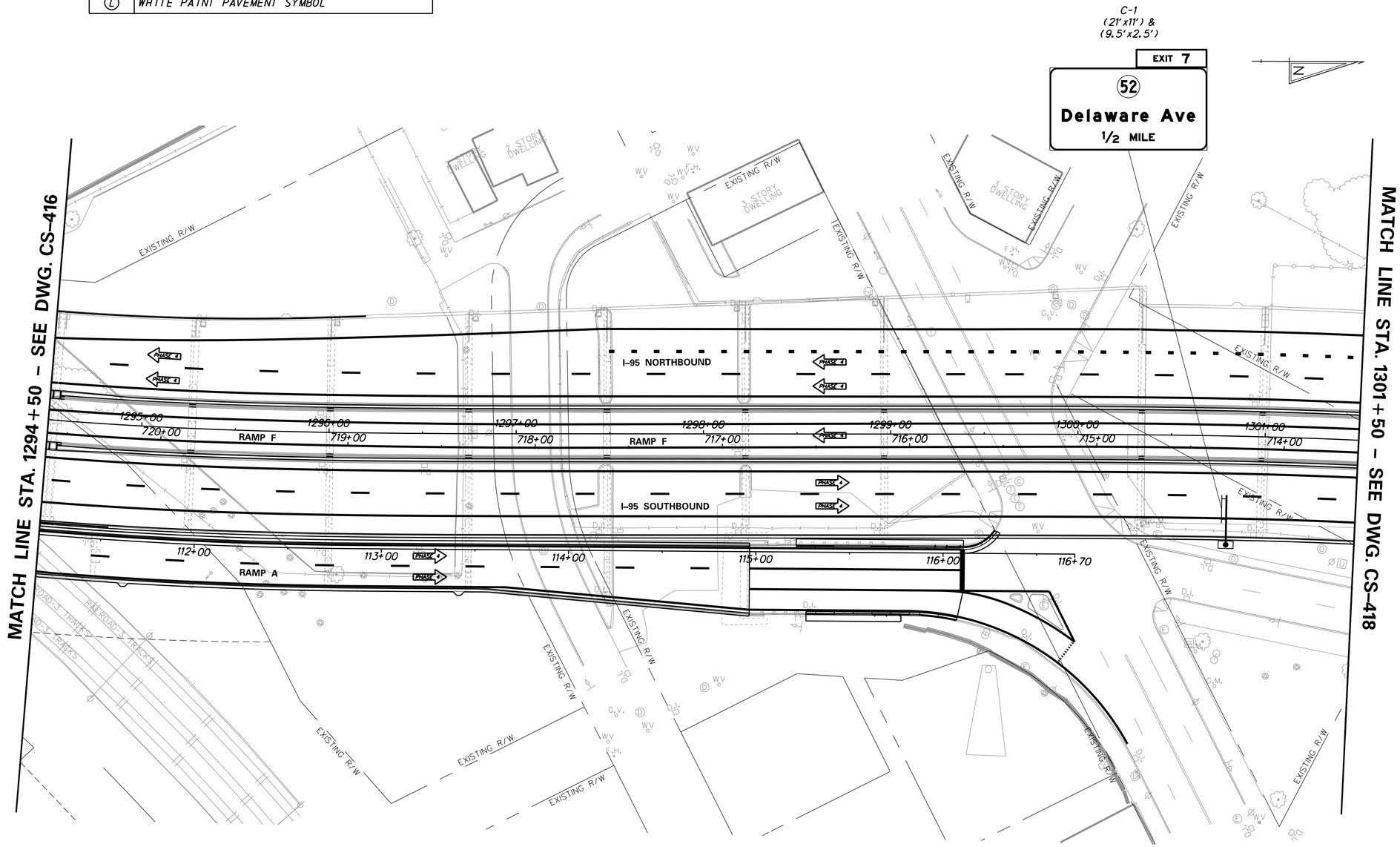
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



ADDENDA / REVISIONS	

SCALE
0 30 60 90
FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 4

CS-417
SECTION
WRA
SHEET NO.
3-260

N:\31987-004\Contract_I-95\CADD\Traffic\CS417.dgn
5/21/2019 9:50:21 AM

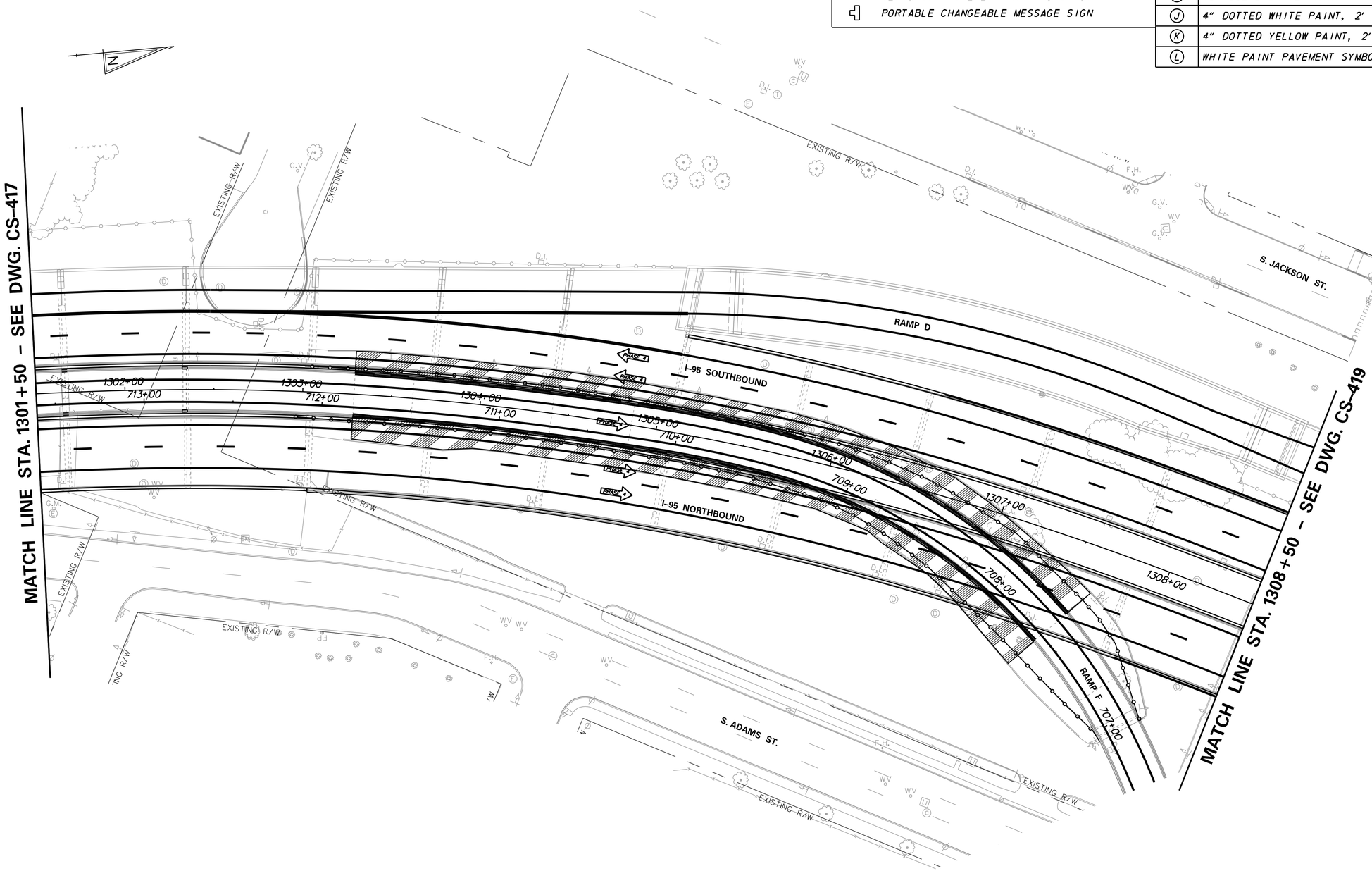
SEQUENCE OF CONSTRUCTION - PHASE 4
(1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL



ADDENDA / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4	CS-418
			COUNTY NEW CASTLE	DESIGNED BY: WRA		SECTION WRA
				CHECKED BY: WRA		SHEET NO. 3-261

N:\31687-00A\Contract_I-95\CADD\Traffic\CS418.dgn
5/2/2019 9:50:22 AM

CONSTRUCTION PHASING LEGEND

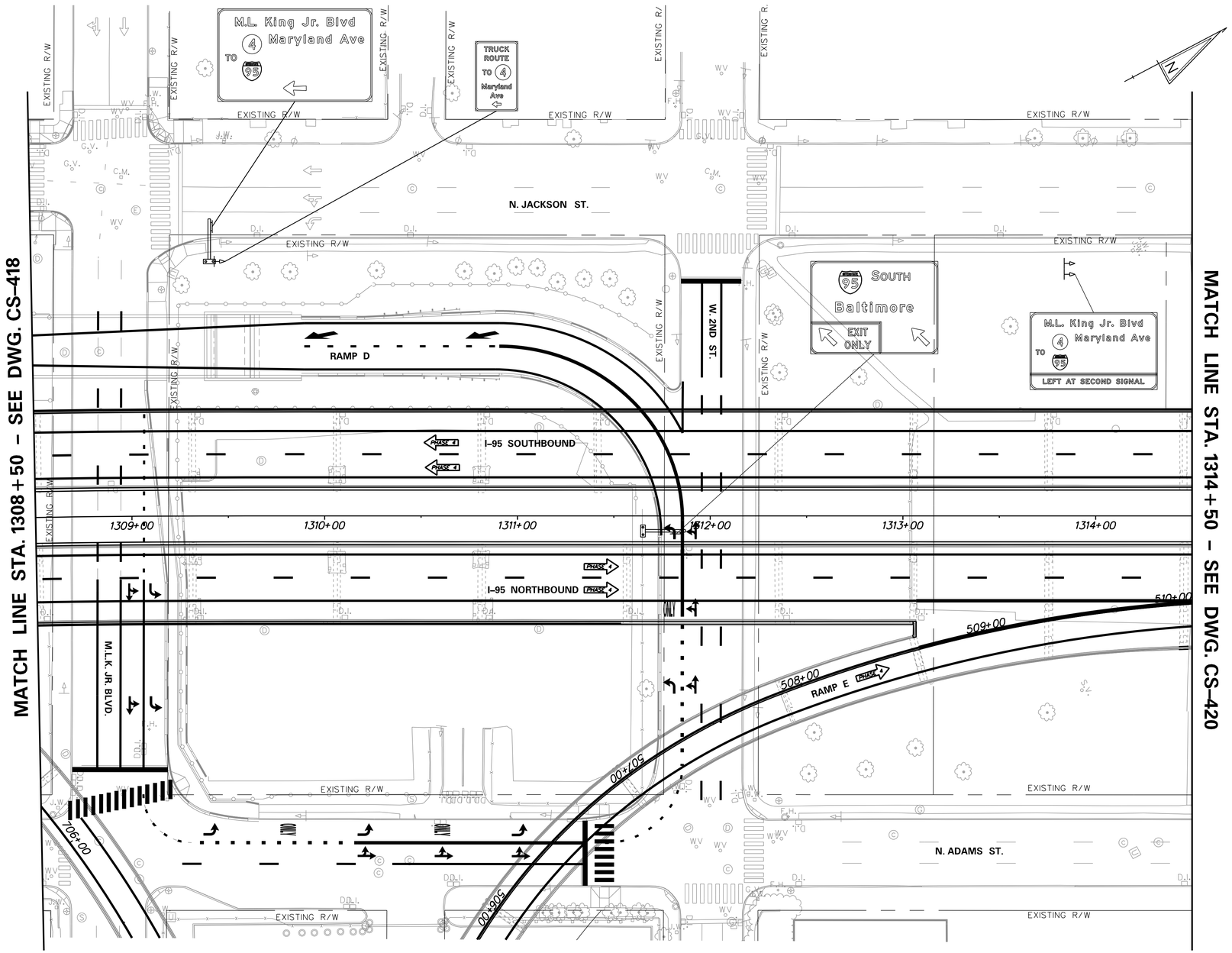
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.	
T201407404	DESIGNED BY: WRA	
COUNTY		
NEW CASTLE	CHECKED BY: WRA	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-419

SECTION	SHEET NO.
WRA	3-262

N:\31987-004\Contract_I-95\CADD\Traffic\CS419.dgn
5/21/2019 9:50:23 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

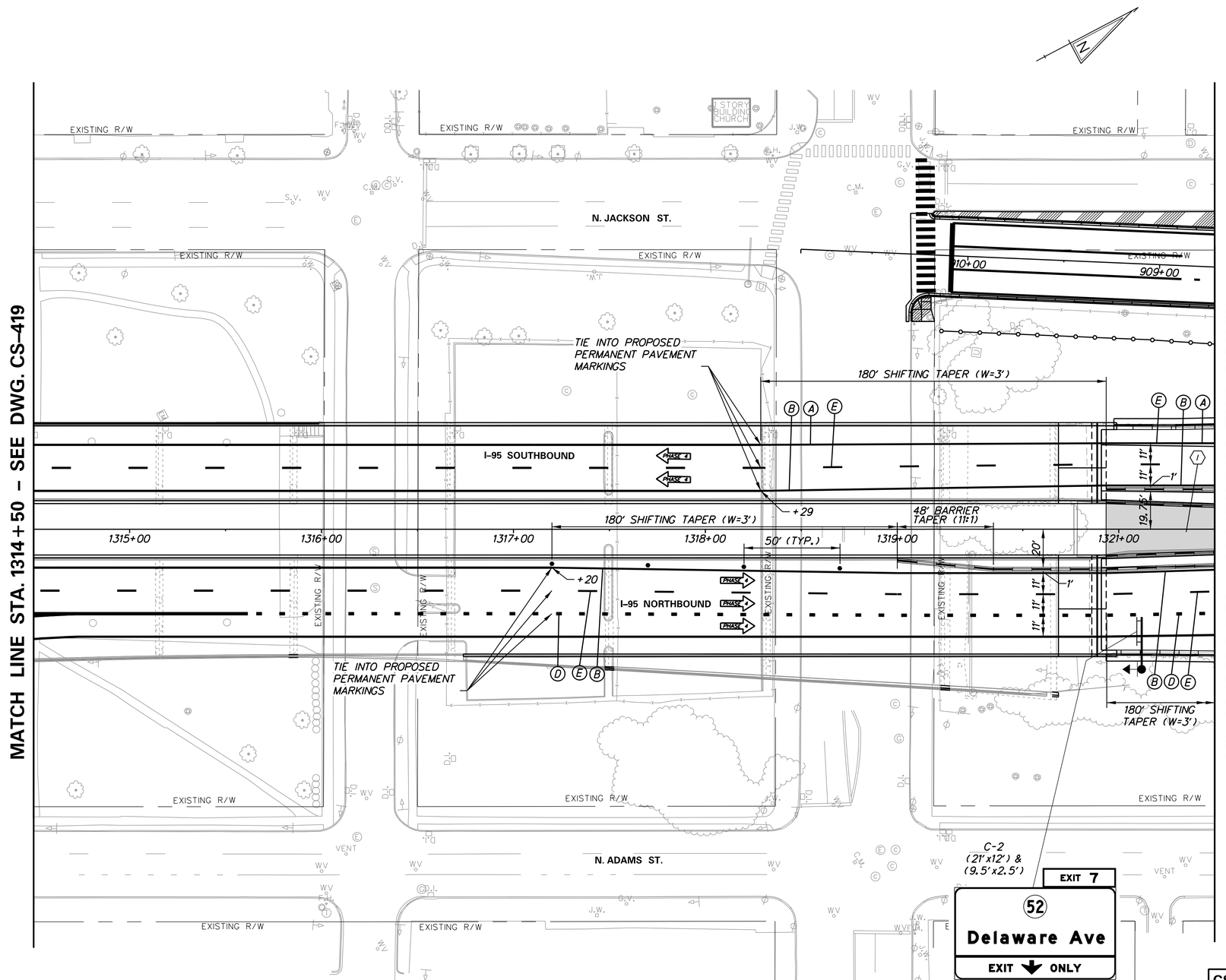
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

NOTES:
1. SEE CS-435 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-420

SECTION	SHEET NO.
WRA	3-263

N:\31987-004\Contract_I-95\CADD\Traffic\CS420.dgn
5/21/2019 9:50:24 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

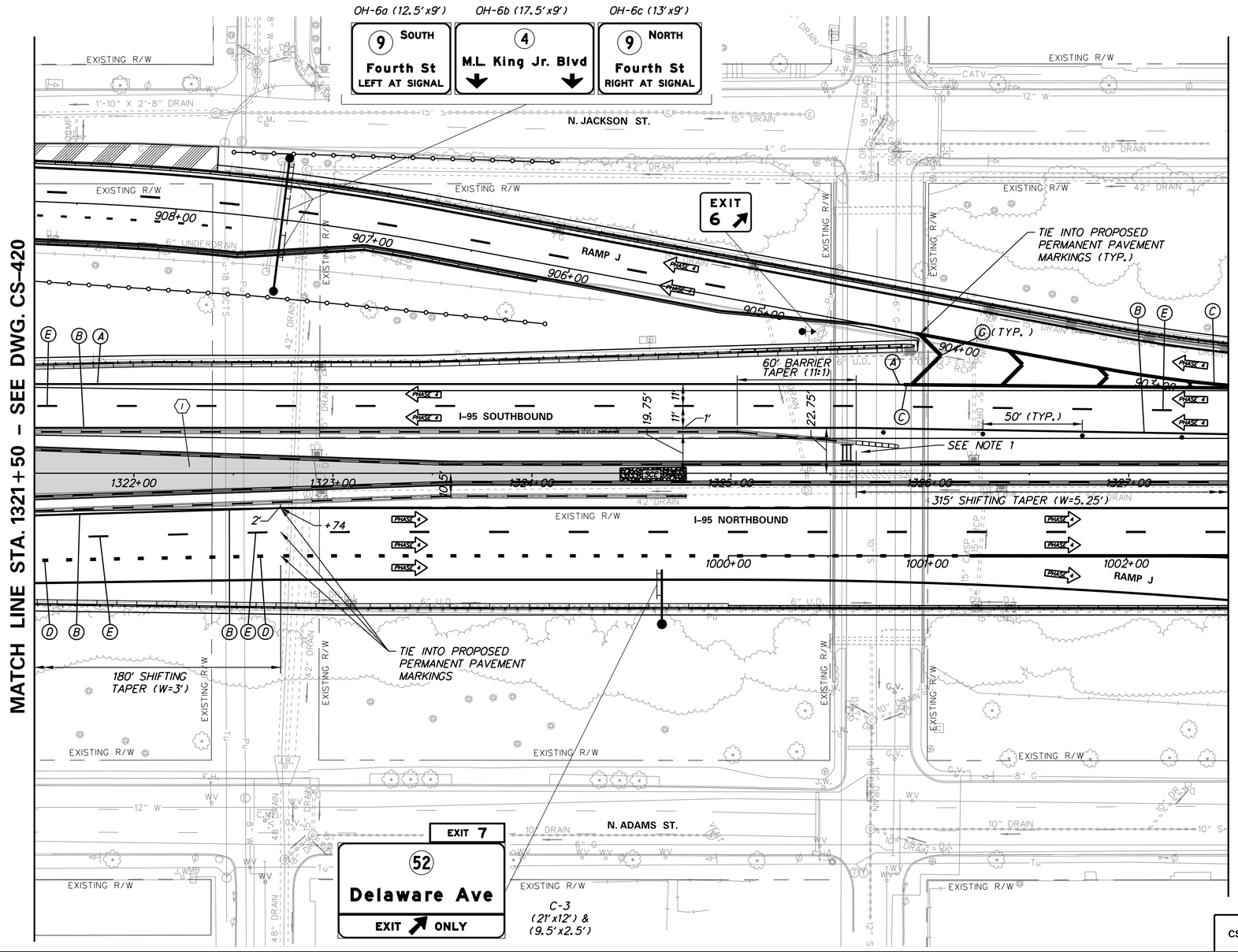
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-435 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 4

1. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

NOTES:
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1323+55 AND STA. 1325+85.



N:\31987-004\CADD\Traffic\CS421.dgn
2/11/2016 9:18:02 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-421
SHEET NO. 3-264
TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

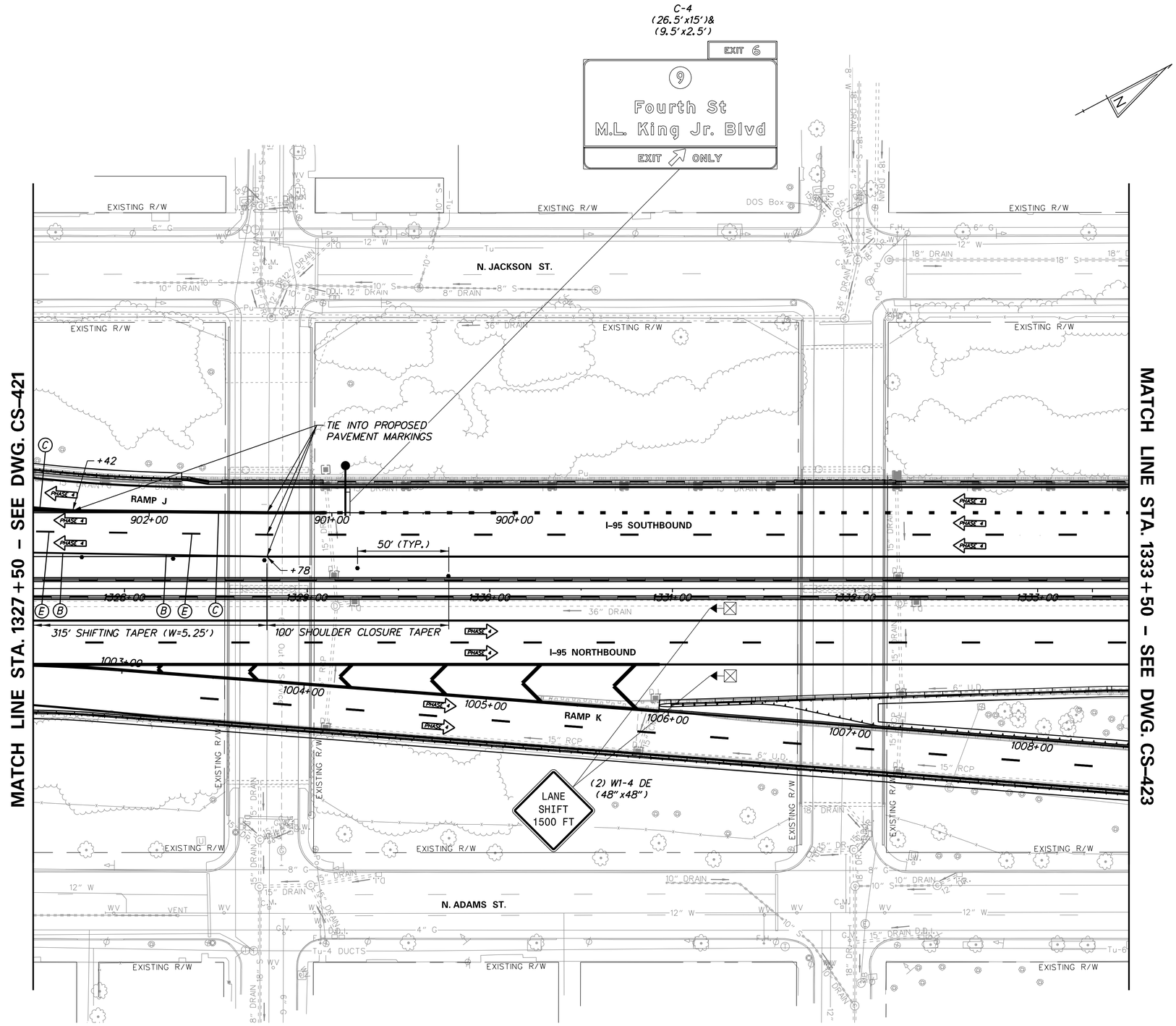
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-435 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 4

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS422.dgn
2/11/2016 9:18:04 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 4

CS-422

SHEET NO. 3-265

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

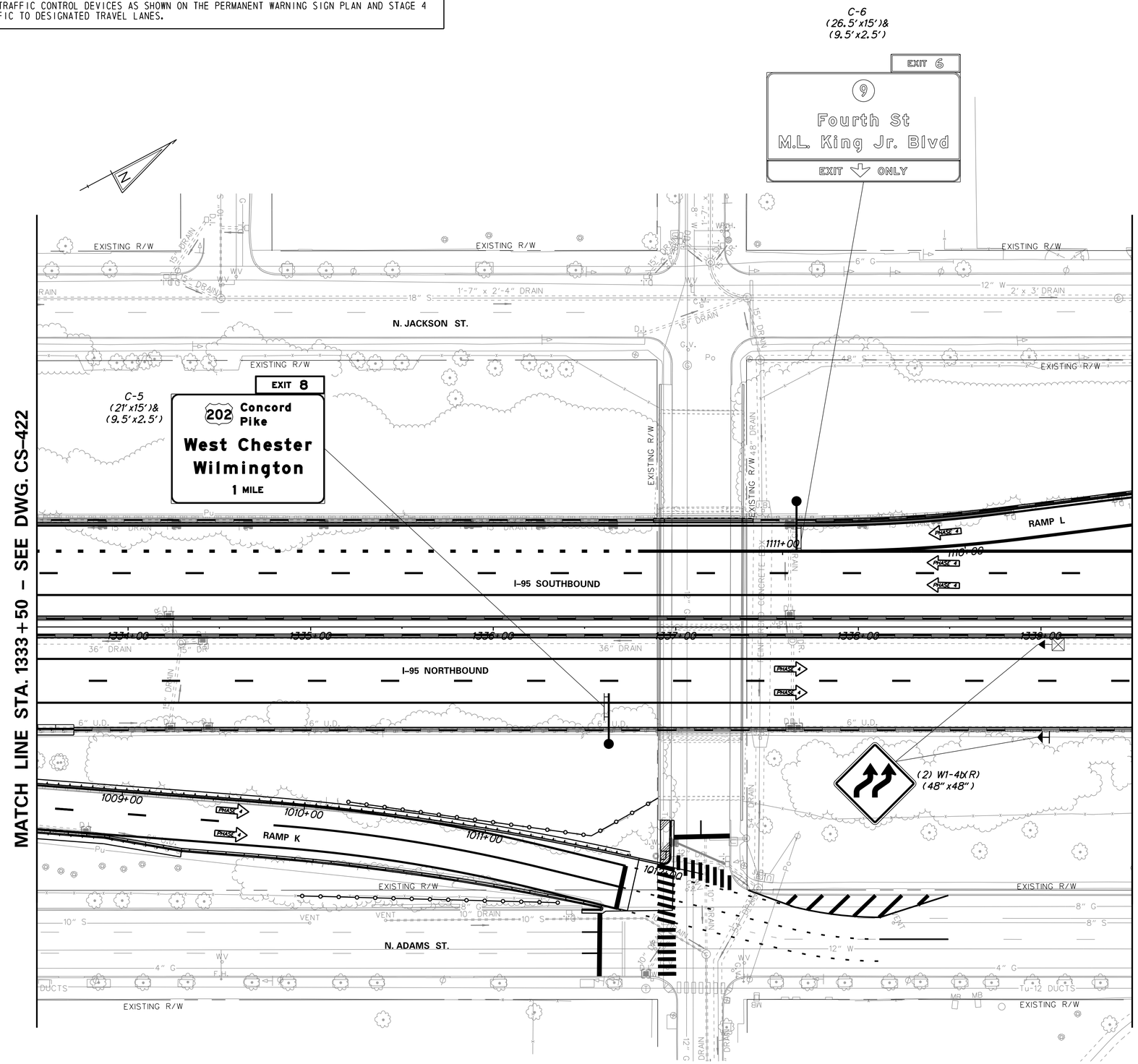
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-435 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 4

7 INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-094\CADD\Traffic\CS423.dgn
2/11/2016 9:18:06 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-423

SHEET NO. 3-266

TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

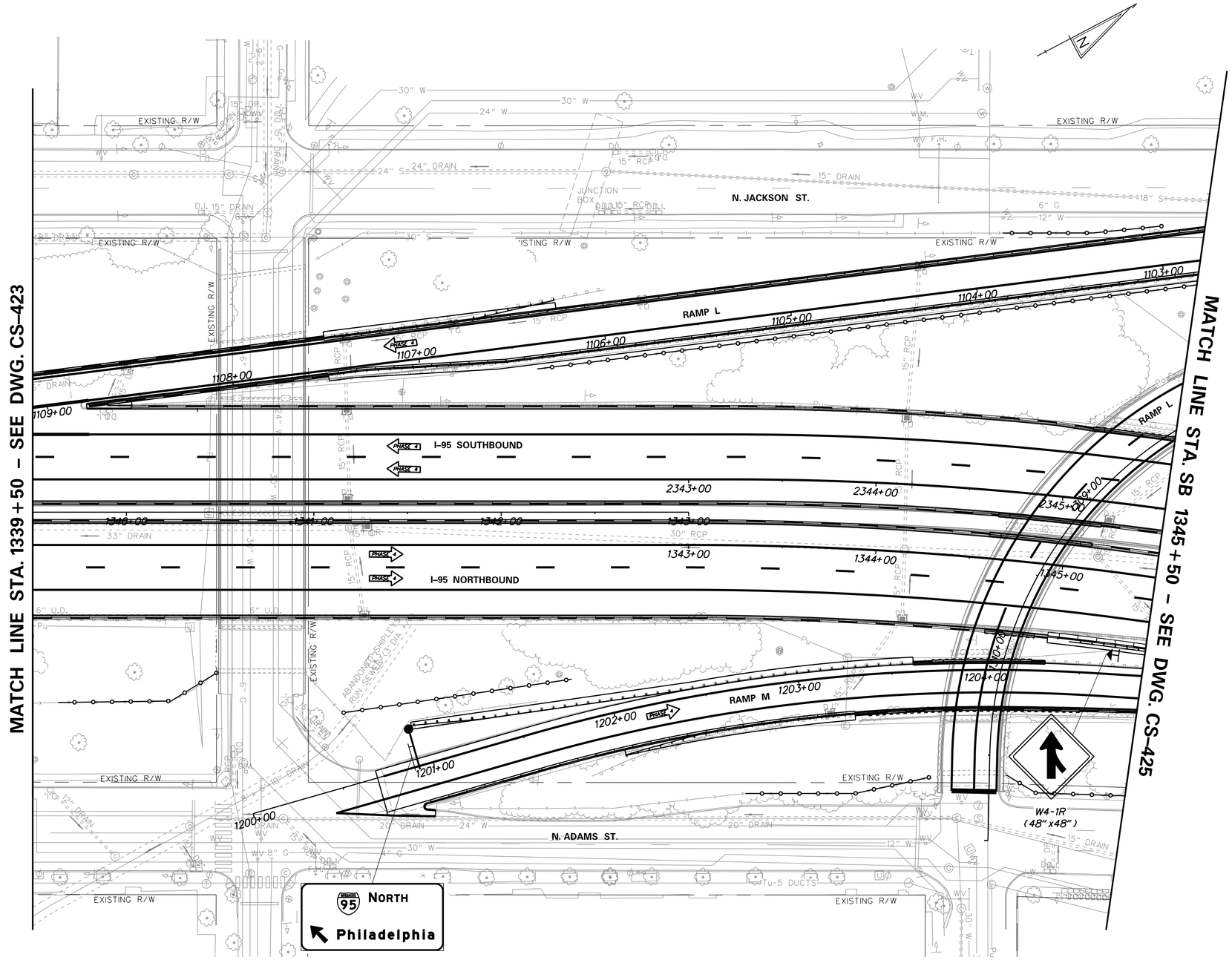
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-435 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 4

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	CHECKED BY: WRA
NEW CASTLE	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-424

SHEET NO. 3-267

TOTAL SHTS. 3-420

N:\31987-004\C400\Traffic\CS424.dgn 2/17/2016 9:18:07 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

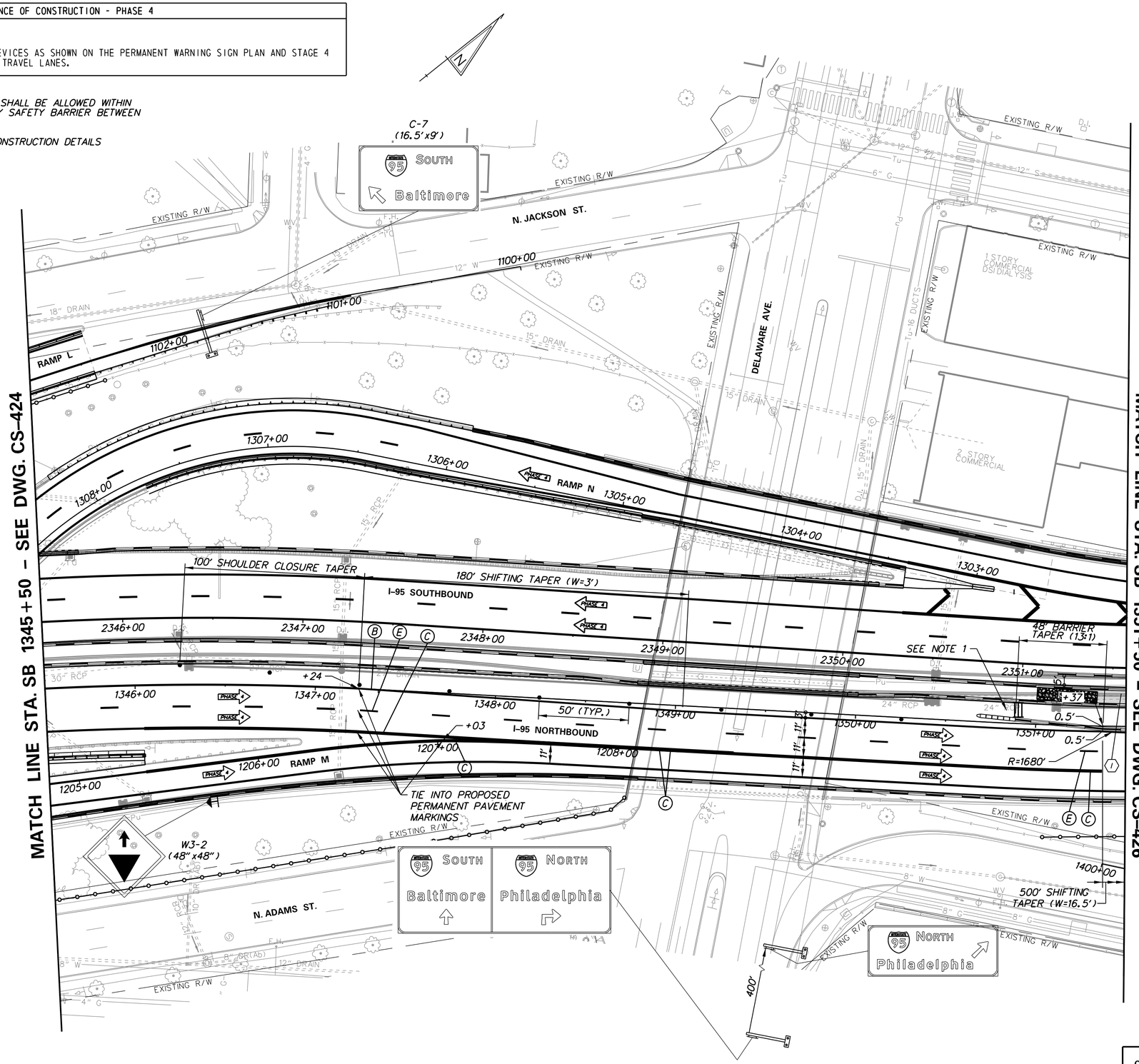
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1350+70 AND STA. 1353+70.
2. SEE CS-435 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-425 | SHEET NO. 3-268 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS425.dgn 2/17/2016 9:18:08 AM

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

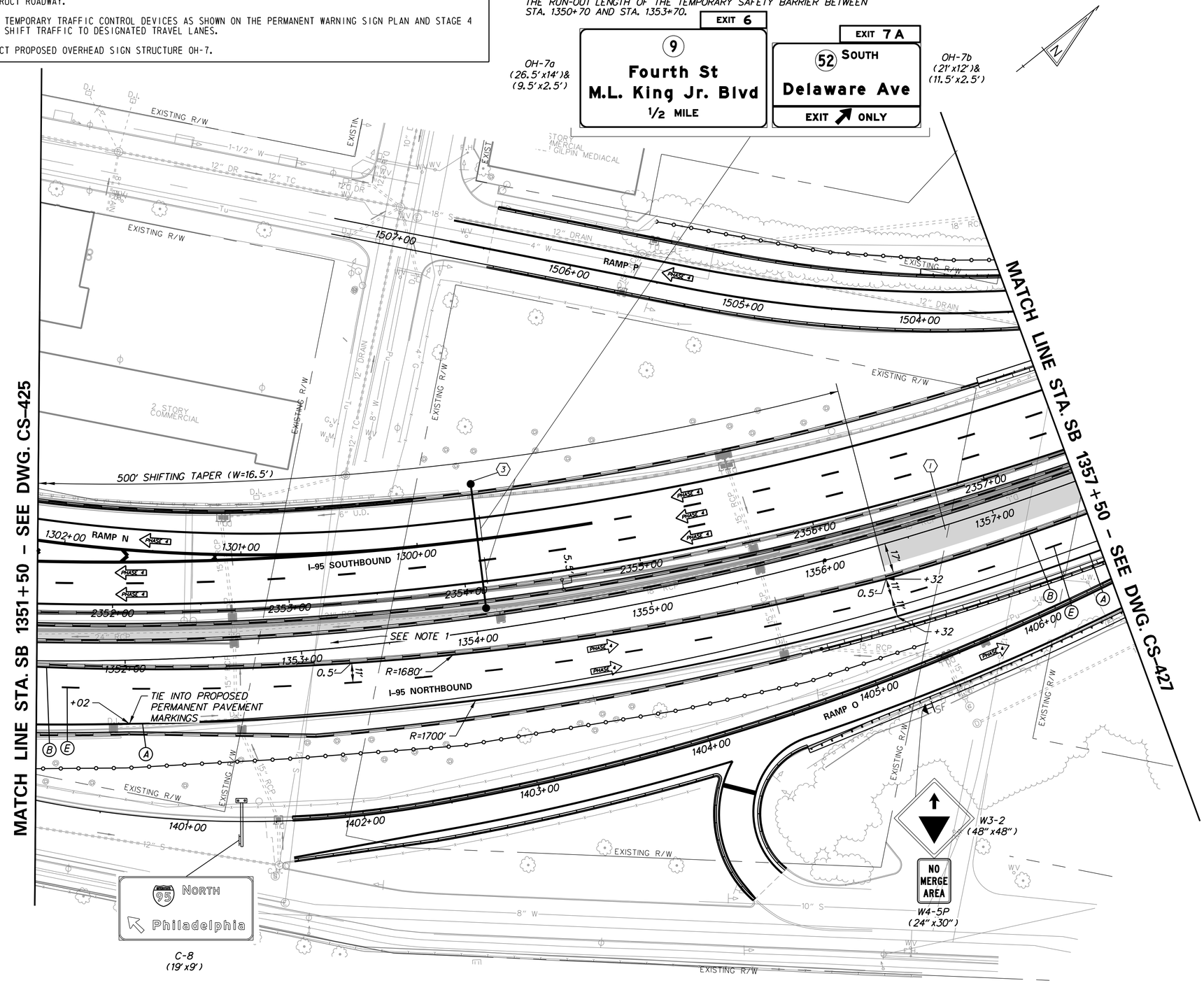
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

NOTES:
1. SEE CS-435 AND CS-436 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS

SEQUENCE OF CONSTRUCTION - PHASE 4

1. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.
3. CONSTRUCT PROPOSED OVERHEAD SIGN STRUCTURE OH-7.

NOTES:
1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1350+70 AND STA. 1353+70.



N:\31987-004\CADD\Traffic\CS426.dgn
2/11/2016 9:18:00 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 4

	CS-426
SHEET NO.	3-269
TOTAL SHTS.	3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

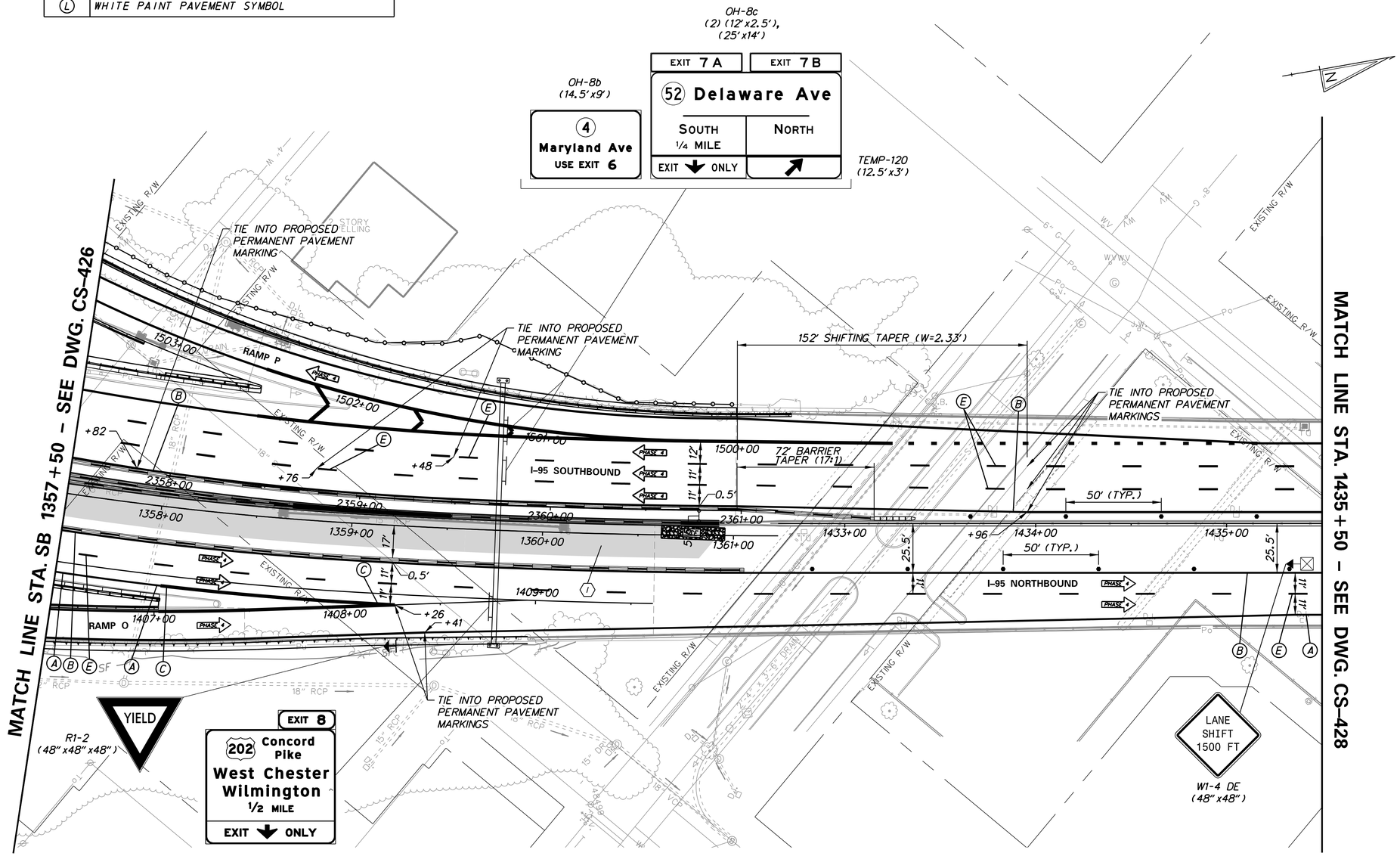
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

NOTES:
1. SEE CS-436 FOR ADDITIONAL ROADWAY CONSTRUCTION DETAILS



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 4

CS-427
SHEET NO. 3-270
TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS427.dgn
2/17/2016 9:18:11 AM

CONSTRUCTION PHASING LEGEND

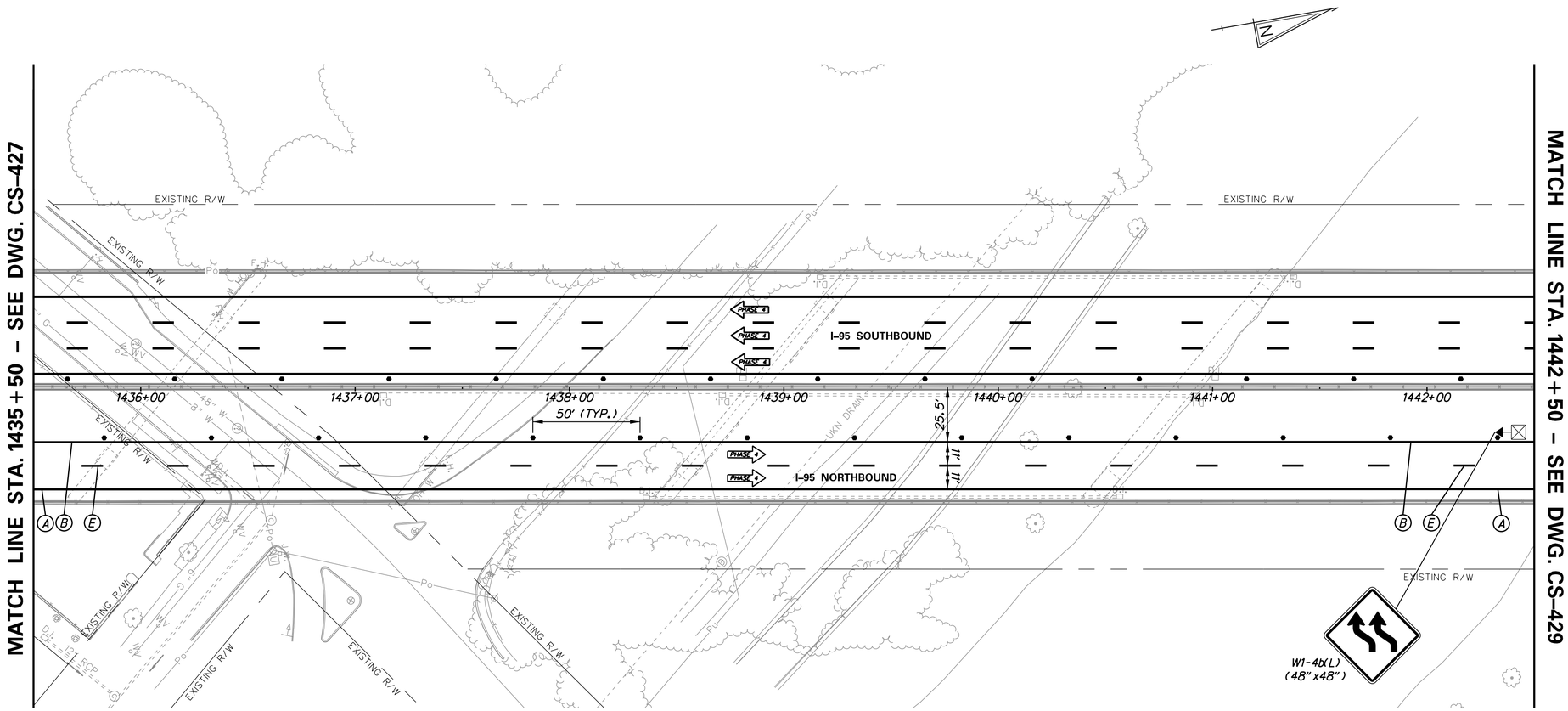
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS428.dgn
2/11/2018 9:18:13 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404	BRIDGE NO.	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4	CS-428
				COUNTY NEW CASTLE	DESIGNED BY: WRA		SHEET NO. 3-271
					CHECKED BY: WRA		TOTAL SHTS. 3-420

CONSTRUCTION PHASING LEGEND

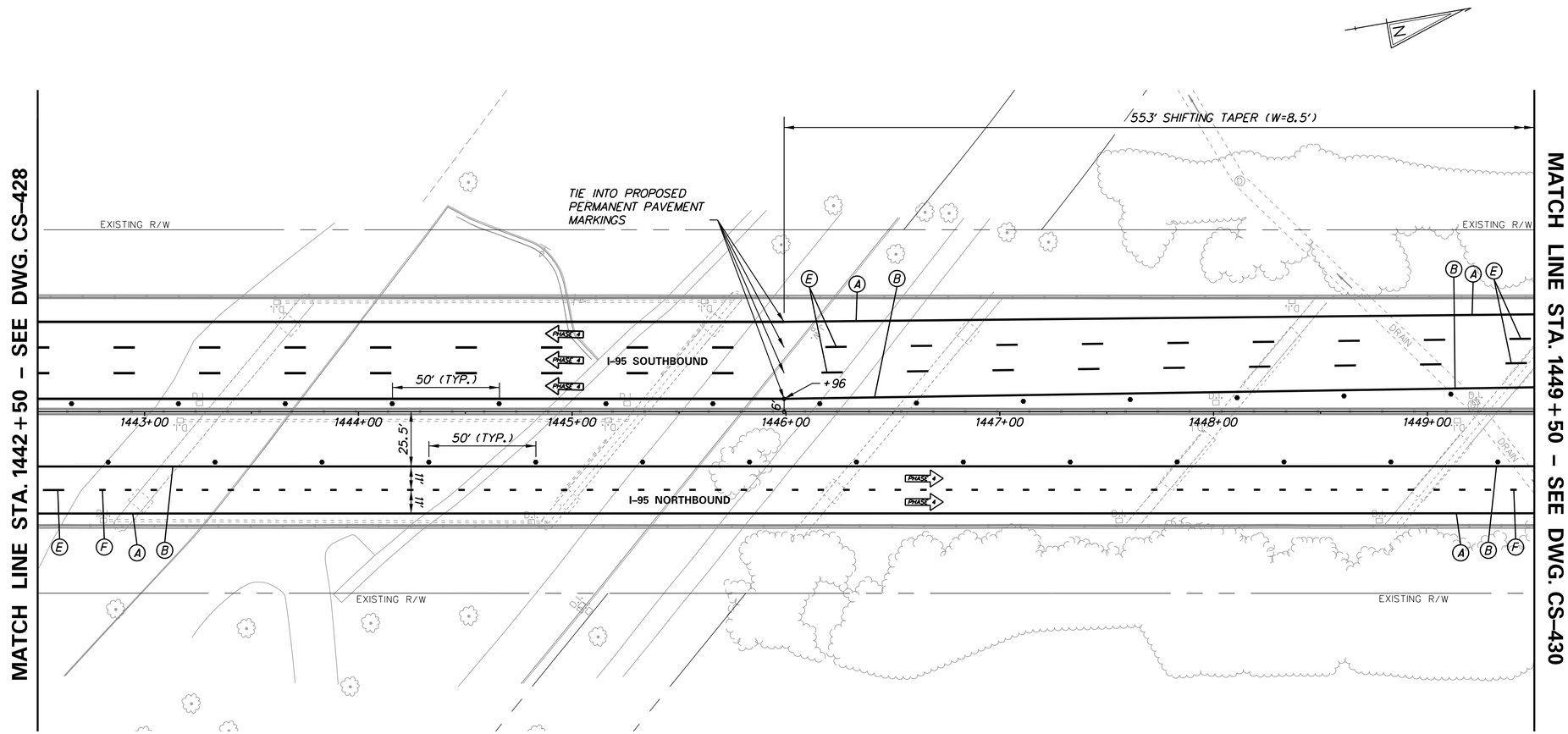
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

(1) INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS429.dgn
2/17/2018 9:18:14 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS–429
SHEET NO.
3-272
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

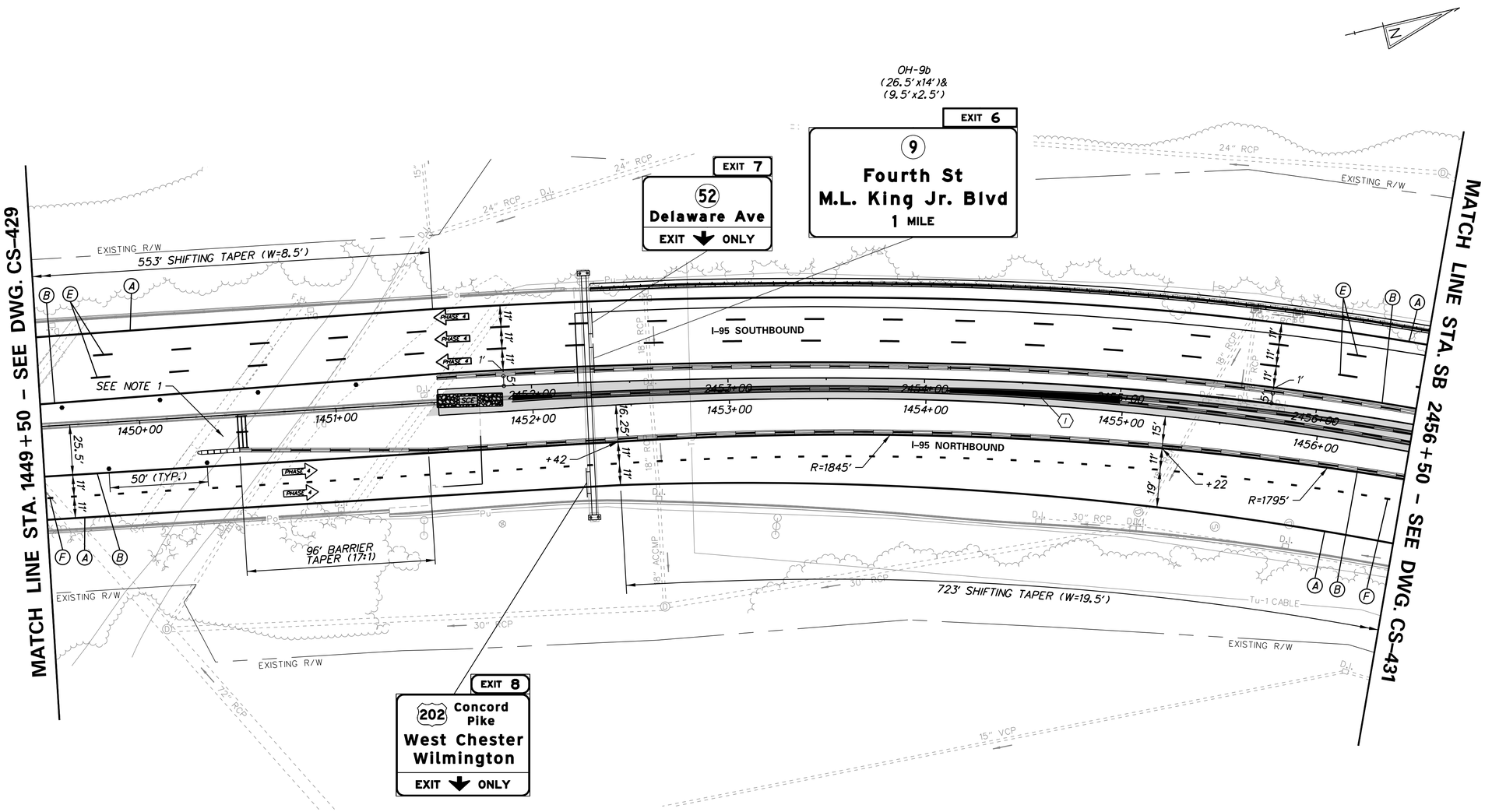
SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.

NOTES:

1. NO STORAGE OF EQUIPMENT OR MATERIAL SHALL BE ALLOWED WITHIN THE RUN-OUT LENGTH OF THE TEMPORARY SAFETY BARRIER BETWEEN STA. 1450+50 AND STA. 1456+25.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-430 | SHEET NO. 3-273 | TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS430.dgn
2/11/2016 9:18:15 AM

CONSTRUCTION PHASING LEGEND

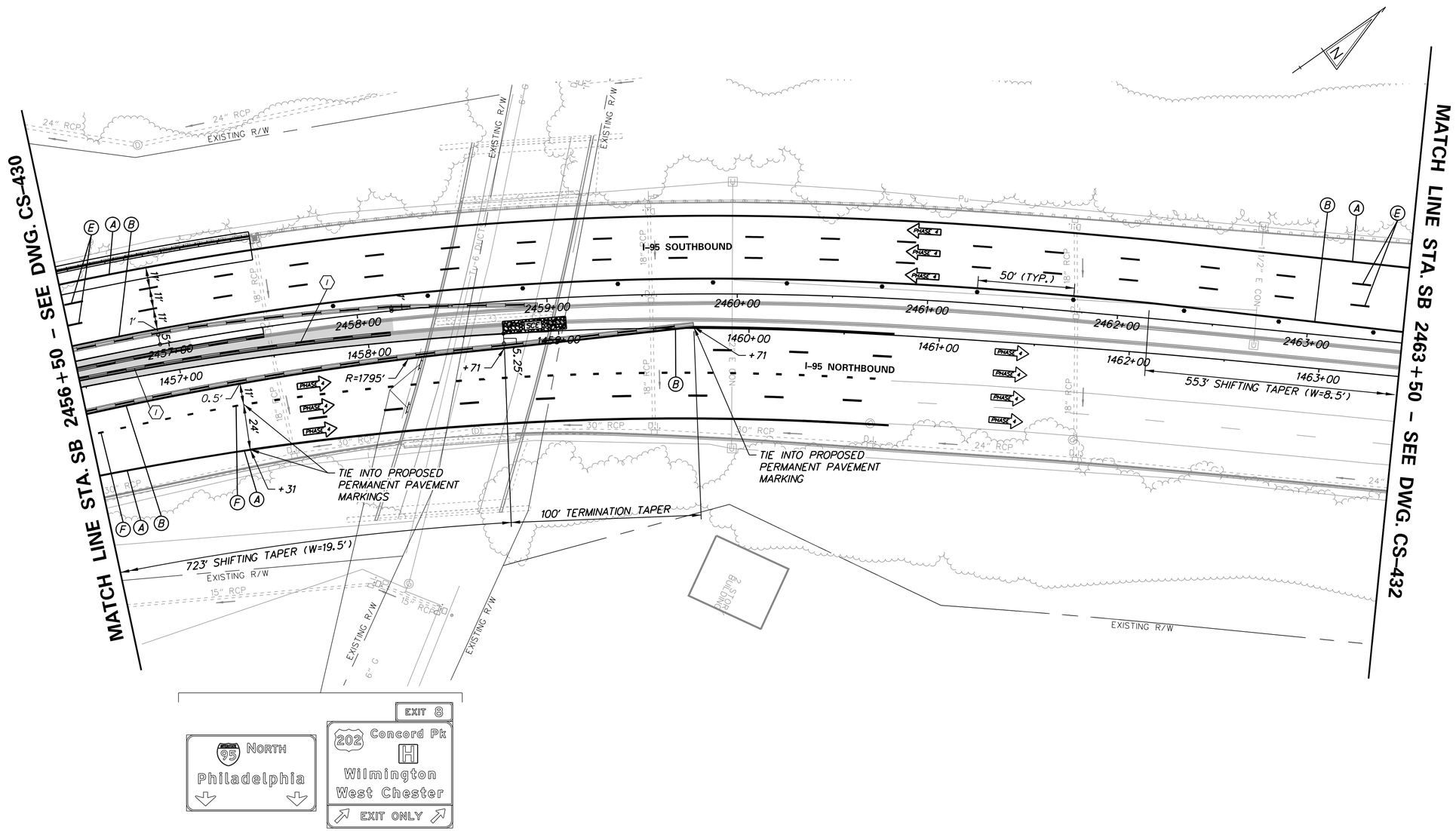
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. RECONSTRUCT ROADWAY.
2. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4	CS-431 / SHEET NO. 3-274 / TOTAL SHTS. 3-420

N:\31987-004\C-PD\Traffic\CS431.dgn
2/17/2016 9:18:16 AM

CONSTRUCTION PHASING LEGEND

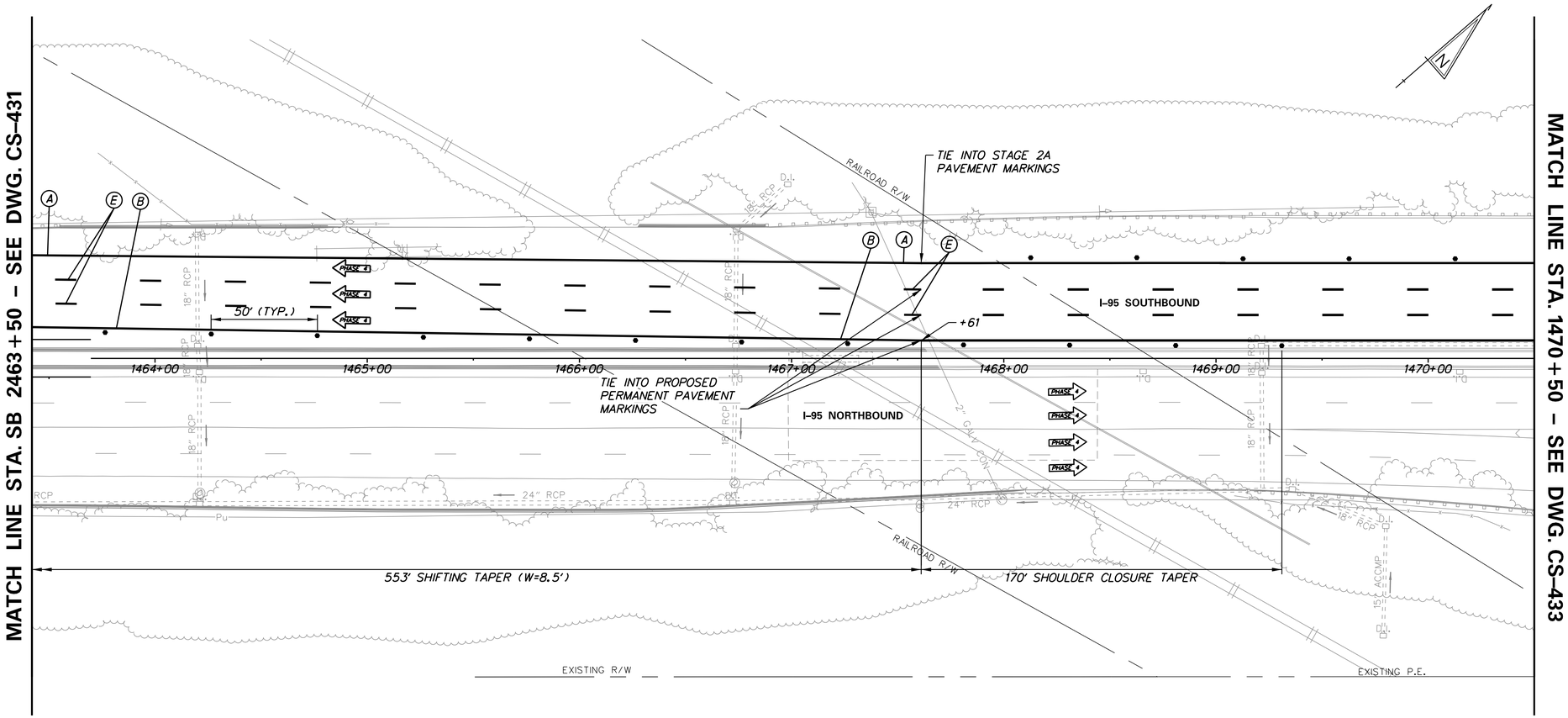
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS432.dgn
2/17/2016 9:18:17 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-432
SHEET NO.
3-275
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

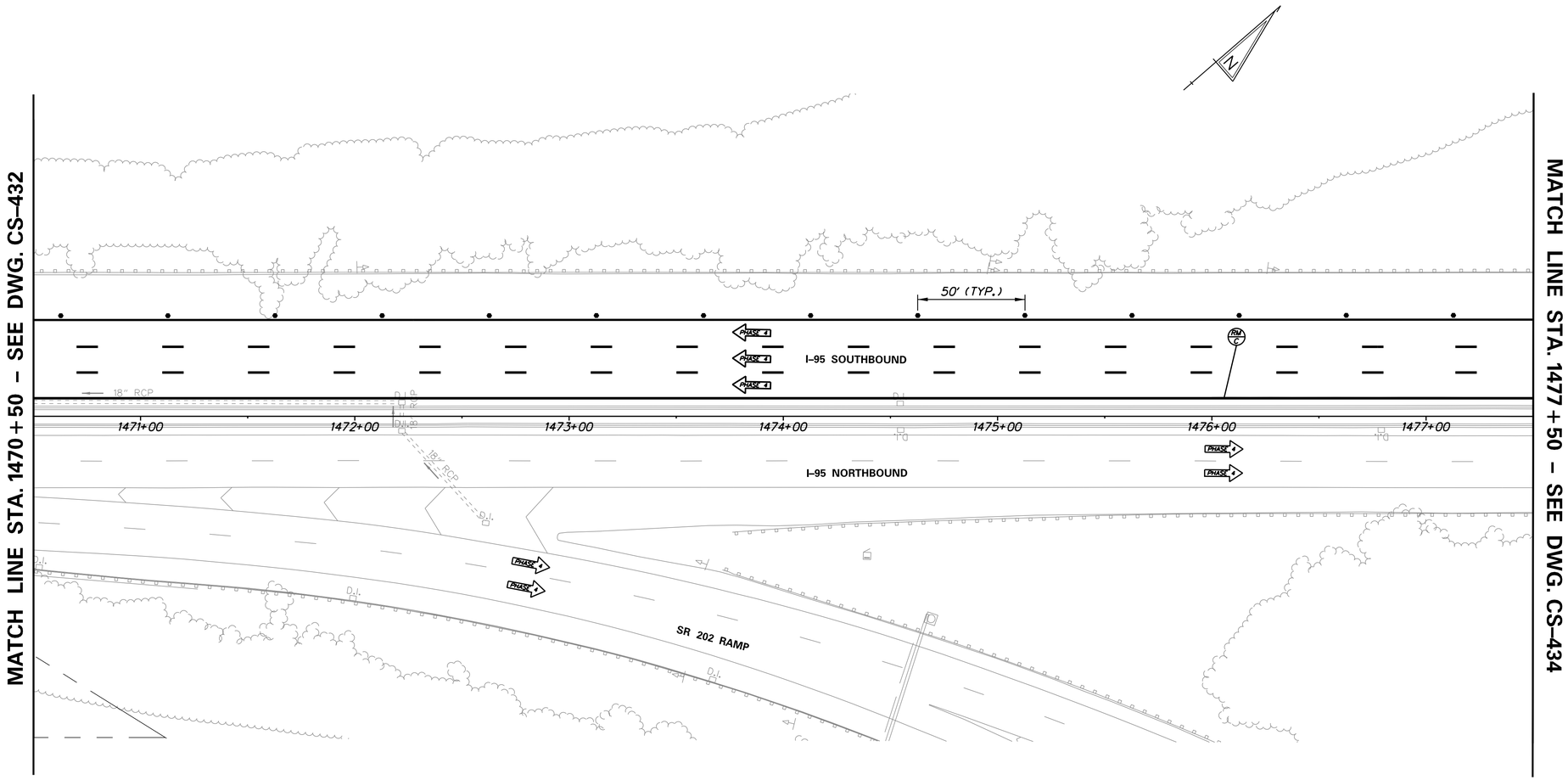
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

1. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS433.dgn
2/17/2018 9:18:18 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

CS-433
SHEET NO.
3-276
TOTAL SHTS.
3-420

CONSTRUCTION PHASING LEGEND

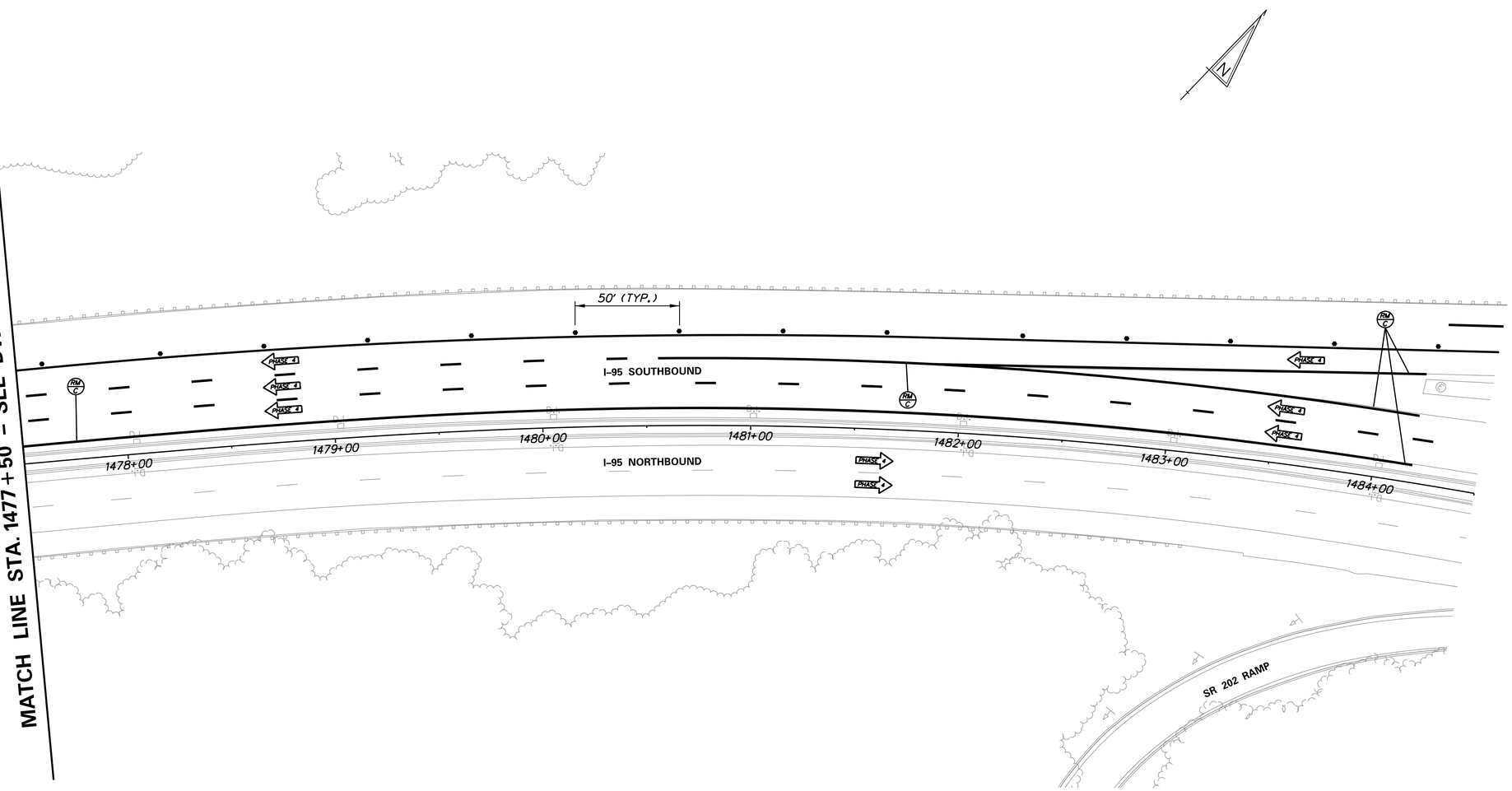
- PROPOSED CONSTRUCTION THIS PHASE
- EXISTING SIGN/PROPOSED TEMPORARY SIGN
- SKID MOUNTED PROPOSED TEMPORARY SIGN
- TYPE III BARRICADE
- PLASTIC DRUM
- TRAFFIC FLOW ARROW
- TEMPORARY P.C.C. SAFETY BARRIER, UNPINNED
- TEMPORARY P.C.C. SAFETY BARRIER, PINNED
- TEMPORARY IMPACT ATTENUATOR
- ARROW PANEL
- REMOVE EXISTING STRIPING BY CONTRACTOR
- TEMPORARY PAVEMENT MARKING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN

TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM
A	4" SOLID WHITE PAINT
B	4" SOLID YELLOW PAINT
C	10" SOLID WHITE PAINT
D	10" DOTTED WHITE PAINT, 3' LINE & 9' GAP
E	4" BROKEN WHITE PAINT, 10' LINE & 30' GAP
F	4" DOTTED WHITE PAINT, 3' LINE & 9' GAP
G	12" SOLID WHITE PAINT
H	16" SOLID WHITE PAINT
J	4" DOTTED WHITE PAINT, 2' LINE & 6' GAP
K	4" DOTTED YELLOW PAINT, 2' LINE & 6' GAP
L	WHITE PAINT PAVEMENT SYMBOL

SEQUENCE OF CONSTRUCTION - PHASE 4

7. INSTALL TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON THE PERMANENT WARNING SIGN PLAN AND STAGE 4 PLANS. SHIFT TRAFFIC TO DESIGNATED TRAVEL LANES.



N:\31987-004\CADD\Traffic\CS434.dgn
2/11/2019 9:18:19 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

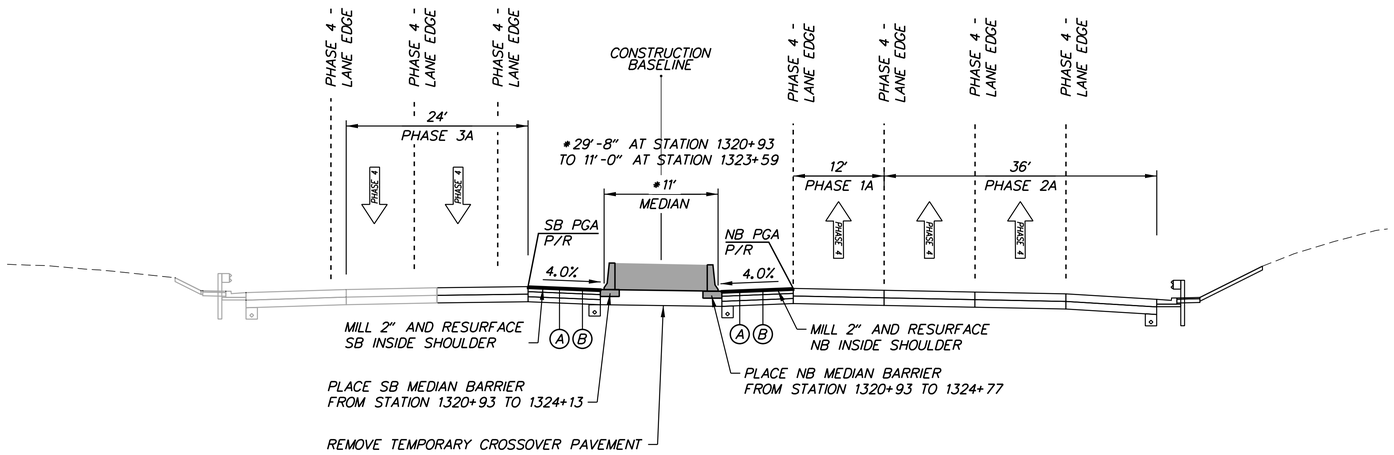
CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 4

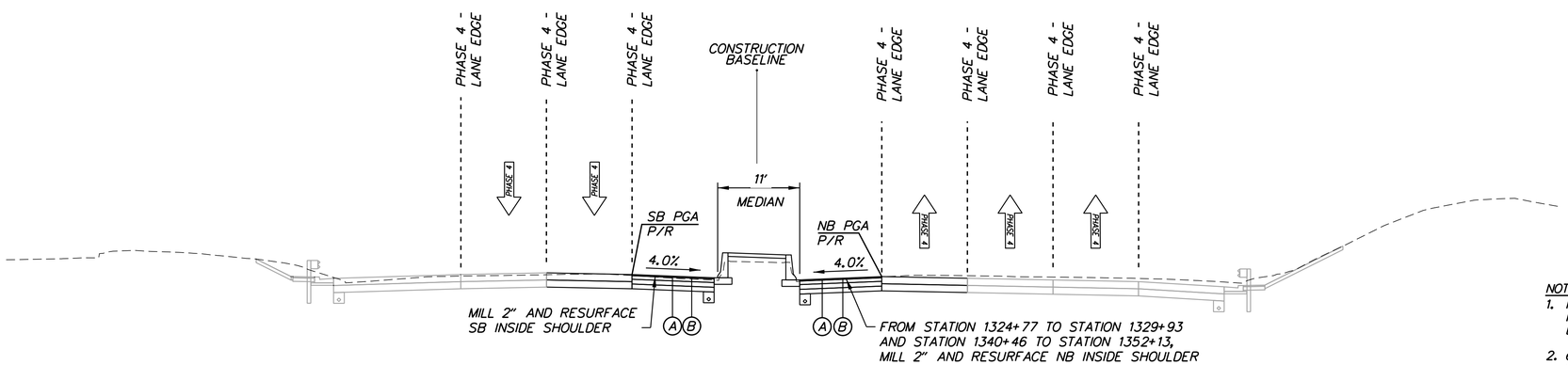
CS-434
SHEET NO.
3-277
TOTAL SHTS.
3-420

LEGEND

- (A) ITEM 401042 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 70-22
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



I–95 PHASE 4
STATION 1320+93 TO STATION 1324+77



I–95 PHASE 4
NB STATION 1324+77 TO NB STATION 1352+13
SB STATION 1324+77 TO SB STATION 2352+20

NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

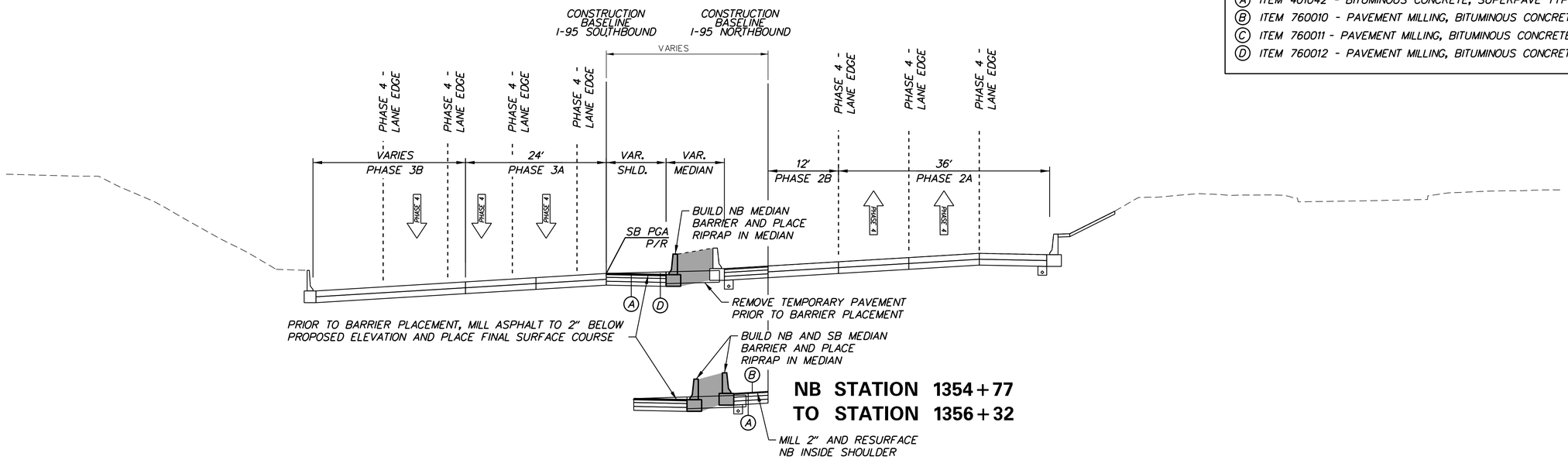
CS–435

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I–95 FROM I–495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / COUNTY NEW CASTLE	BRIDGE NO. / DESIGNED BY: WRA / CHECKED BY: WRA	M.O.T. TYPICAL SECTIONS	SHEET NO. 3-278 / TOTAL SHTS. 3-420

N:\31987-004\C4D\Traffic\CS435_TS.dgn
2/11/2018 9:18:20 AM

LEGEND

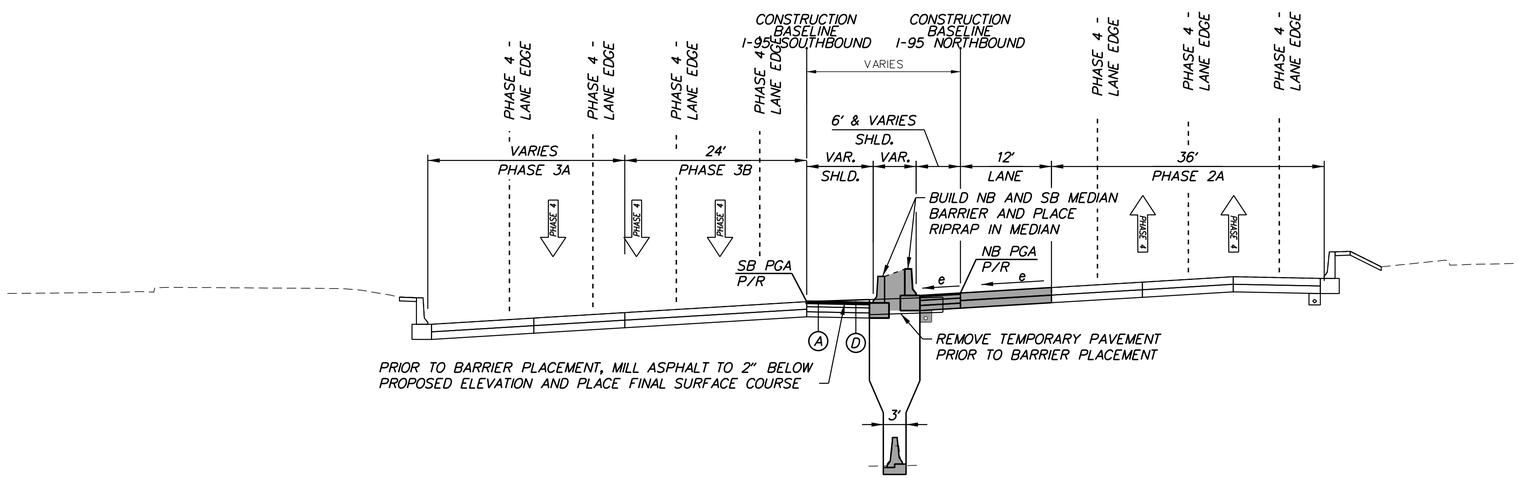
- (A) ITEM 401042 - BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS PG 70-22
- (B) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (C) ITEM 760011 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT
- (D) ITEM 760012 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, VARIABLE DEPTH



NB STATION 1354+77
TO STATION 1356+32

I-95 PHASE 4

NB STATION 1352+13 TO NB STATION 1356+32
SB STATION 2352+20 TO SB STATION 2356+32



STATION 1358+69
TO STATION 1360+96

I-95 PHASE 4

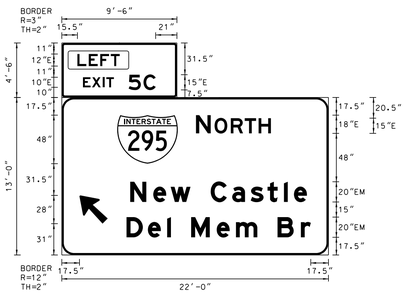
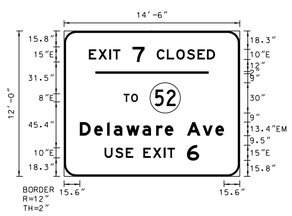
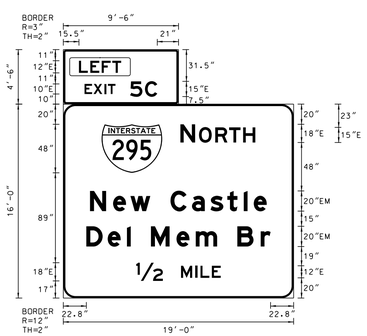
NB STATION 1356+32 TO NB STATION 1360+96
SB STATION 2356+32 TO SB STATION 2360+92

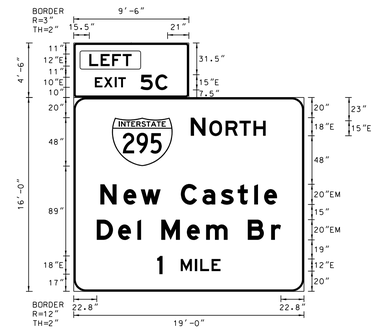
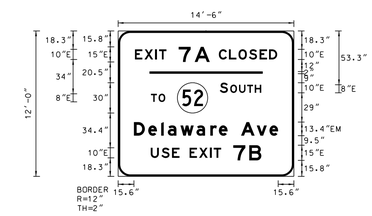
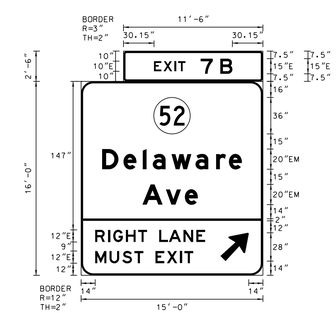
NOTES:

1. REFER TO THE CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN SHEET FOR TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER LOCATIONS, LANE TRANSITIONS, TAPER LENGTHS, ETC.
2. e - SUPERELEVATION CROSS SLOPE
   REFER TO THE GRADES AND GEOMETRICS SHEETS FOR FINAL TRAVEL LANE CROSS SLOPES AND SUPERELEVATION RATES/TRANSITIONS
3. REFER TO TYPICAL SECTIONS TS-01 THROUGH TS-15 FOR FINAL ROADWAY SECTIONS
4. SHADING DENOTES CONSTRUCTION FOR THIS PHASE. PREVIOUSLY CONSTRUCTED ELEMENTS ARE SHOWN BUT NOT SHADED.
5. PROPOSED TEMPORARY FULL-DEPTH PAVEMENT SECTION:
   2" BITUMINOUS CONCRETE, SUPERPAVE TYPE C, 160 GYRATIONS, PG 70-22 (NON-CARBONATE STONE)
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 70-22
   3" BITUMINOUS CONCRETE, SUPERPAVE TYPE B, 160 GYRATIONS, PG 64-22
   8" BITUMINOUS CONCRETE, SUPERPAVE BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22 (4" LIFTS MAX.)
   8" GRADED AGGREGATE BASE COURSE, TYPE B
6. PROPOSED TEMPORARY WEDGE PAVEMENT:
   BITUMINOUS CONCRETE, SUPERPACE TYPE C, 160 GYRATIONS PG 64-22 WEDGE (2" LIFTS MAX.)
7. THE MAXIMUM LIFTS FOR INDIVIDUAL PAVEMENT MATERIALS ARE AS FOLLOWS:
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE C - 2"
   BITUMINOUS CONCRETE, SUPERPAVE, TYPE B - 3"
   BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE - 4"
   GRADED AGGREGATE BASE COURSE, TYPE B - 8"

N:\31987-004\CADD\Traffic\CS436_TS.dgn
2/17/2018 9:18:21 AM

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE	CONTRACT T201407404 / BRIDGE NO. / DESIGNED BY: WRA / COUNTY NEW CASTLE / CHECKED BY: WRA	M.O.T. TYPICAL SECTIONS	CS-436 / SHEET NO. 3-279 / TOTAL SHTS. 3-420

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA (SF)	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP-1	CS-1A08	1		42.75	9'-6"	4'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				286.00	22'-0"	13'-0"	W	G	2"	12"	STD. UP ARROW @ 315°	M1-1 (60"x48")	EXTRUDED ALUMINUM
TEMP-2	CS-1A11 CS-1A14	2		174.0	14'-6"	12'-0"	BLK	FO	2"	12"	---	M1-5 (30"x30")	EXTRUDED ALUMINUM
TEMP-3	CS-1A11	1		42.75	9'-6"	4'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				304.00	19'-0"	16'-0"	W	G	2"	12"	---	M1-1 (60"x48")	EXTRUDED ALUMINUM

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP-4	CS-1A14	1		42.75	9'-6"	4'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				304.00	19'-0"	16'-0"	W	G	2"	12"	---	M1-1 (60"x48")	EXTRUDED ALUMINUM
TEMP-5	CS-1B35	1		174.00	14'-6"	12'-0"	BLK	FO	2"	12"	---	M1-5 (30"x30")	EXTRUDED ALUMINUM
TEMP-6	CS-1B31	1		28.75	11'-6"	2'-6"	BLK	FO	2"	3"	---	---	EXTRUDED ALUMINUM
				240.00	15'-0"	16'-0"	BLK	FO	2"	12"	STD. UP ARROW @ 45°	M1-5 (36"x36")	EXTRUDED ALUMINUM

COLORS: BLK=BLACK, BLU=BLUE, BRO=BROWN, G=GREEN, R=RED, W=WHITE, Y=YELLOW, FY=FLUORESCENT YELLOW, FYG=FLUORESCENT YELLOW GREEN, PUR=PURPLE, O=ORANGE, FO=FLUORESCENT ORANGE.

N:\31987-004\CADD\Traffic\CS501.dgn
2/11/2016 9:18:23 AM

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

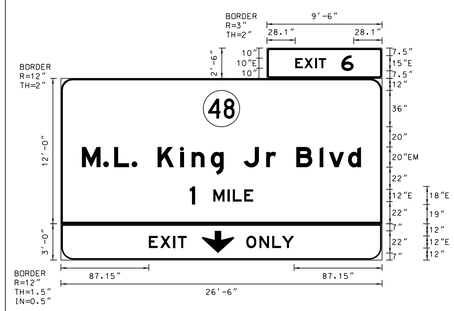
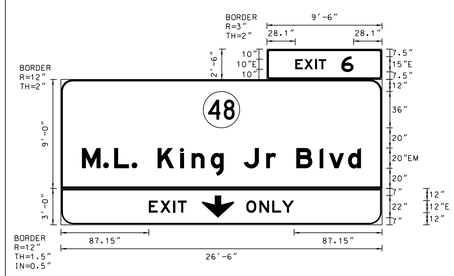
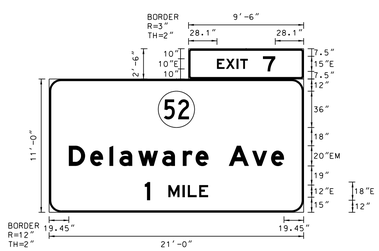
REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDYWINE RIVER BRIDGE

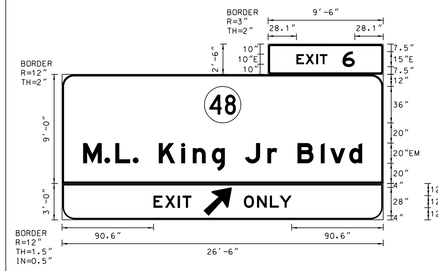
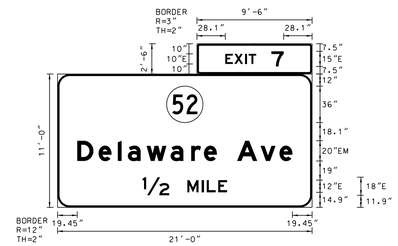
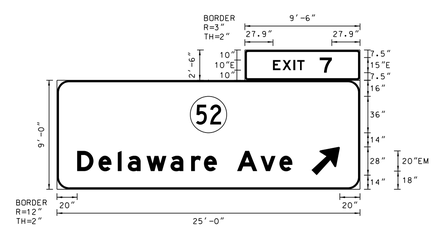
CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

GUIDE SIGN
DIMENSIONS & DETAILS

CS-501

SHEET NO.
3-280
TOTAL SHTS.
3-420

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA (SF)	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP-7	CS-2A11	1		23.75	9'-6"	2'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				318.00	26'-6"	12'-0"	W	G	2"	12"	---	M1-5 (36"x36")	EXTRUDED ALUMINUM
				79.50	26'-6"	3'-0"	BLK	FO	1.5"	12"	STD. DOWN ARROW @ 0°	---	EXTRUDED ALUMINUM
TEMP-8	CS-2A14	1		23.75	9'-6"	2'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				238.50	26'-6"	9'-0"	W	G	2"	12"	---	M1-5 (36"x36")	EXTRUDED ALUMINUM
				79.50	26'-6"	3'-0"	BLK	FO	1.5"	12"	STD. DOWN ARROW @ 0°	---	EXTRUDED ALUMINUM
TEMP-9	CS-2A14	1		23.75	9'-6"	2'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				231.00	21'-0"	11'-0"	W	G	2"	12"	---	M1-5 (36"x36")	EXTRUDED ALUMINUM

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP-10	CS-2A18	1		23.75	9'-6"	2'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				238.50	26'-6"	9'-0"	W	G	2"	12"	---	M1-5 (36"x36")	EXTRUDED ALUMINUM
				79.50	26'-6"	3'-0"	BLK	FO	1.5"	12"	STD. UP ARROW @ 315°	---	EXTRUDED ALUMINUM
TEMP-11	CS-2A18	1		23.75	9'-6"	2'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				231.00	21'-0"	11'-0"	W	G	2"	12"	---	M1-5 (36"x36")	EXTRUDED ALUMINUM
TEMP-12	CS-2A24	1		23.75	9'-6"	2'-6"	BLK	FO	2"	3"	---	---	EXTRUDED ALUMINUM
				225.00	25'-0"	9'-0"	BLK	FO	2"	12"	STD. UP ARROW @ 45°	M1-5 (36"x36")	EXTRUDED ALUMINUM

COLORS: BLK=BLACK, BLU=BLUE, BRO=BROWN, G=GREEN, R=RED, W=WHITE, Y=YELLOW, FY=FLUORESCENT YELLOW, FYG=FLUORESCENT YELLOW GREEN, PUR=PURPLE, O=ORANGE, FO= FLUORESCENT ORANGE.

N:\31987-004\CADD\Traffic\CS502.dgn
2/11/2018 9:18:24 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

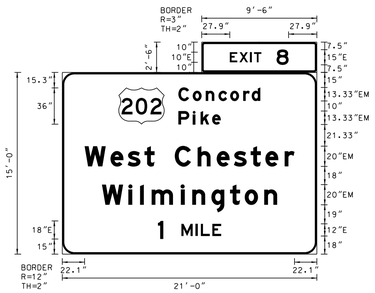
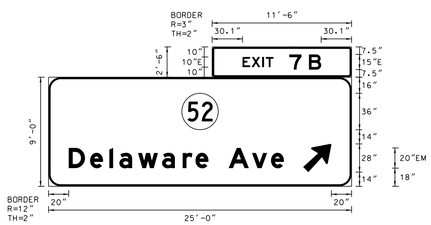
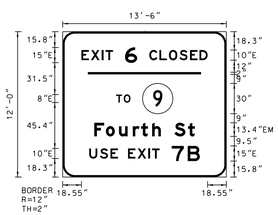
NOT TO SCALE

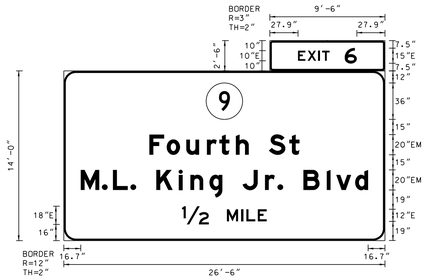
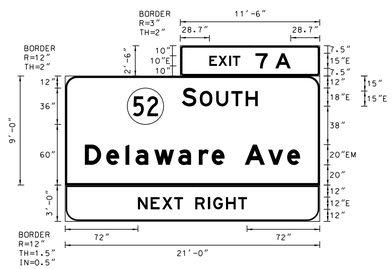
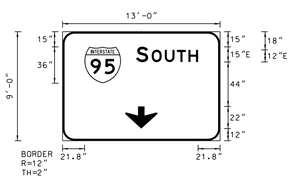
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT: T201407404
COUNTY: NEW CASTLE
BRIDGE NO.
DESIGNED BY: WRA
CHECKED BY: WRA

GUIDE SIGN DIMENSIONS & DETAILS

CS-502
SHEET NO. 3-281
TOTAL SHTS. 3-420

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA (SF)	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP-14	CS-2A25 CS-2B04	1		23.75	9'-6"	2'-6"	BLK	FO	2"	3"	---	---	EXTRUDED ALUMINUM
				315.00	21'-0"	15'-0"	BLK	FO	2"	12"	---	M1-4 (45"x36")	EXTRUDED ALUMINUM
TEMP-16	CS-2A30	1		28.75	11'-6"	2'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				225.00	25'-0"	9'-0"	W	G	2"	12"	STD. UP ARROW @ 45°	M1-5 (36"x36")	EXTRUDED ALUMINUM
TEMP-17	CS-2B11 CS-2B12	2		162.00	13'-6"	12'-0"	BLK	FO	2"	12"	---	M1-5 (30"x30")	EXTRUDED ALUMINUM

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP-18	CS-3A29 CS-3B14	1		23.75	9'-6"	2'-6"	BLK	FO	2"	3"	---	---	EXTRUDED ALUMINUM
				371.00	26'-6"	14'-0"	BLK	FO	2"	12"	---	M1-5 (36"x36")	EXTRUDED ALUMINUM
TEMP-19	CS-3A29	1		28.75	11'-6"	2'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				189.00	21'-0"	9'-0"	W	G	2"	12"	---	M1-5 (36"x36")	EXTRUDED ALUMINUM
				63.00	21'-0"	3'-0"	BLK	FO	1.5"	12"	---	---	EXTRUDED ALUMINUM
TEMP-20	CS-3A30 CS-3A33	2		117.00	13'-0"	9'-0"	W	G	2"	12"	STD. DOWN ARROW @ 0°	M1-1 (36"x36")	EXTRUDED ALUMINUM

COLORS: BLK=BLACK, BLU=BLUE, BRO=BROWN, G=GREEN, R=RED, W=WHITE, Y=YELLOW, FY=FLUORESCENT YELLOW, FYG=FLUORESCENT YELLOW GREEN, PUR=PURPLE, O=ORANGE, FO=FLUORESCENT ORANGE.

N:\31987-004\CADD\Traffic\CS503.dgn
2/11/2016 9:18:24 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

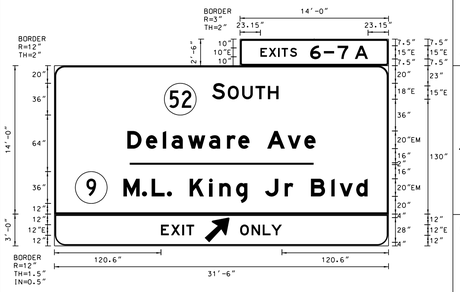
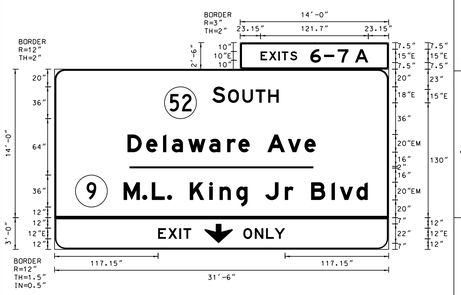
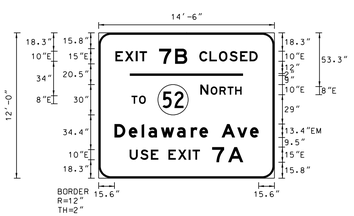
CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

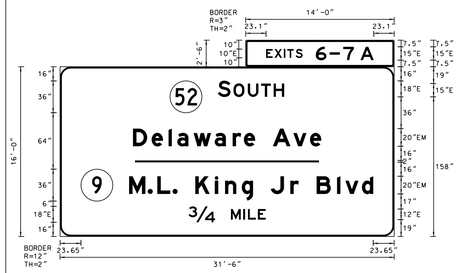
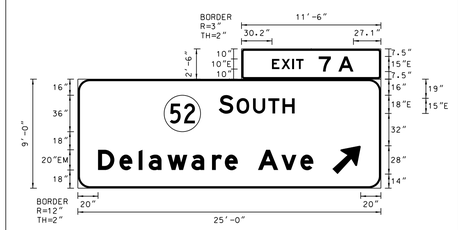
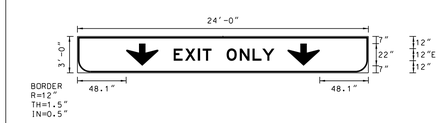
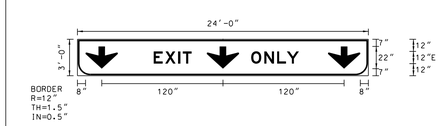
GUIDE SIGN DIMENSIONS & DETAILS

CS-503

SHEET NO. 3-282

TOTAL SHTS. 3-420

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA (SF)	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP-21	CS-3A30	1		35.00	14'-0"	2'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				441.00	31'-6"	14'-0"	W	G	2"	12"	---	M1-5 (36"x36")	EXTRUDED ALUMINUM
				94.50	31'-6"	3'-0"	BLK	FO	1.5"	12"	STD. UP ARROW @ 45°	---	EXTRUDED ALUMINUM
TEMP-22	CS-3A33	1		35.00	14'-0"	2'-6"	W	G	2"	3"	---	---	EXTRUDED ALUMINUM
				441.00	31'-6"	14'-0"	W	G	2"	12"	---	M1-5 (36"x36")	EXTRUDED ALUMINUM
				94.5	31'-6"	3'-0"	BLK	FO	1.5"	12"	STD. DOWN ARROW @ 0°	---	EXTRUDED ALUMINUM
TEMP-23	CS-3A35	1		174.00	14'-6"	12'-0"	BLK	FO	2"	12"	---	M1-5 (30"x30")	EXTRUDED ALUMINUM

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP-24	CS-3A37	1		35.00	14'-0"	2'-6"	BLK	FO	2"	3"	---	---	EXTRUDED ALUMINUM
				504.00	31'-6"	16'-0"	BLK	FO	2"	12"	---	M1-5 (36"x36")	EXTRUDED ALUMINUM
TEMP-25	CS-3B15	1		28.75	11'-6"	2'-6"	BLK	FO	2"	3"	---	---	EXTRUDED ALUMINUM
				225.00	25'-0"	9'-0"	BLK	FO	2"	12"	STD. UP ARROW @ 45°	M1-5 (36"x36")	EXTRUDED ALUMINUM
TEMP -100	CS-1A01 CS-1A02	3		72.00	24'-0"	3'-0"	BLK	FO	1.5"	12"	STD. DOWN ARROW @ 0°	---	SHEET ALUMINUM
TEMP -101	CS-1A01 CS-1A02	3		72.00	24'-0"	3'-0"	BLK	FO	1.5"	12"	STD. DOWN ARROW @ 0°	---	SHEET ALUMINUM

COLORS: BLK=BLACK, BLU=BLUE, BRO=BROWN, G=GREEN, R=RED, W=WHITE, Y=YELLOW, FY=FLUORESCENT YELLOW, FYG=FLUORESCENT YELLOW GREEN, PUR=PURPLE, O=ORANGE, FO=FLUORESCENT ORANGE.

N:\31987-004\CADD\Traffic\CS504.dgn
2/11/2016 9:18:26 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

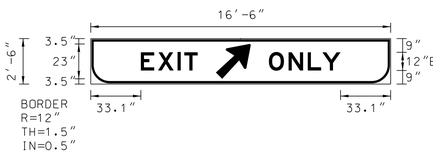
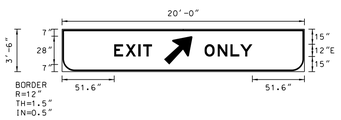
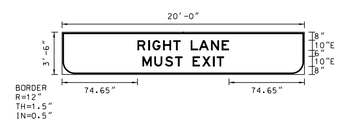
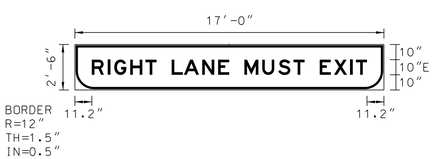
CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

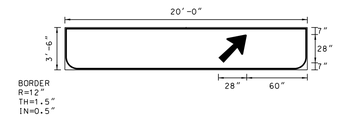
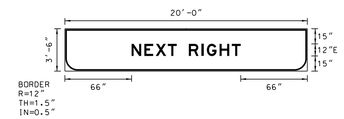
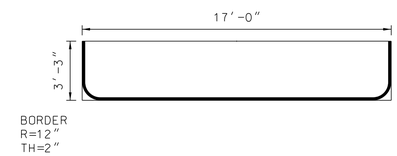
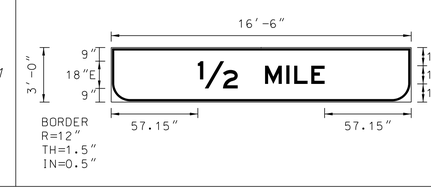
GUIDE SIGN DIMENSIONS & DETAILS

CS-504

SHEET NO. 3-283

TOTAL SHTS. 3-420

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA (SF)	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP -102	CS-1A08	1		42.00	21'-0"	2'-0"	BLK	FO	---	---	---	---	SHEET ALUMINUM
TEMP -103	CS-1A29	1		41.25	16'-6"	2'-6"	BLK	FO	1.5"	12"	STD. UP ARROW @ 45°	---	SHEET ALUMINUM
TEMP -104	CS-1B25	1		70.00	20'-0"	3'-6"	BLK	FO	1.5"	12"	STD. UP ARROW @ 45°	---	SHEET ALUMINUM
TEMP -105	CS-1B26	1		70.00	20'-0"	3'-6"	BLK	FO	1.5"	12"	---	---	SHEET ALUMINUM
TEMP -106	CS-1B34	1		42.50	17'-0"	2'-6"	BLK	FO	1.5"	12"	---	---	SHEET ALUMINUM

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP -107	CS-1C02	1		70.00	20'-0"	3'-6"	BLK	FO	1.5"	12"	STD. UP ARROW @ 45°	---	SHEET ALUMINUM
TEMP -108	CS-1C03	1		70.00	20'-0"	3'-6"	BLK	FO	1.5"	12"	---	---	SHEET ALUMINUM
TEMP -109	CS-2A28	1		40.00	20'-0"	2'-0"	BLK	FO	---	---	STD. DOWN ARROW @ 0°	---	SHEET ALUMINUM
TEMP -110	CS-2A30	1		55.25	17'-0"	3'-3"	W	G	2"	12"	---	---	SHEET ALUMINUM
TEMP -111	CS-2A33	1		49.50	16'-6"	3'-0"	BLK	FO	1.5"	12"	---	---	SHEET ALUMINUM

COLORS: BLK=BLACK, BLU=BLUE, BRO=BROWN, G=GREEN, R=RED, W=WHITE, Y=YELLOW, FY=FLUORESCENT YELLOW, FYG=FLUORESCENT YELLOW GREEN, PUR=PURPLE, O=ORANGE, FO=FLUORESCENT ORANGE.

N:\31987-004\C&D\Traffic\CS505.dgn
2/17/2018 9:18:27 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

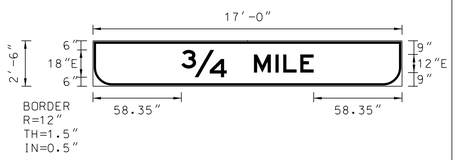
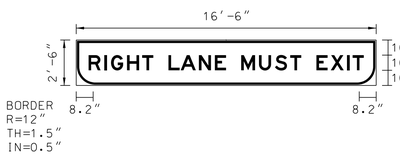
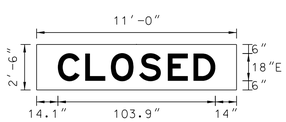
CONTRACT T201407404 | BRIDGE NO. | DESIGNED BY: WRA | COUNTY NEW CASTLE | CHECKED BY: WRA

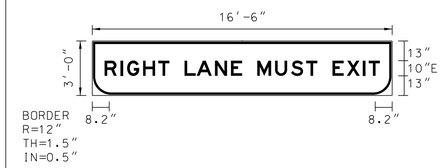
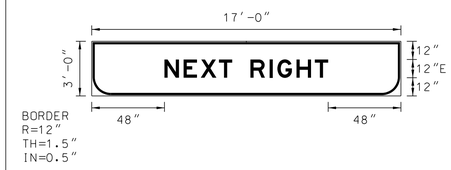
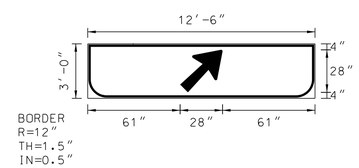
GUIDE SIGN DIMENSIONS & DETAILS

CS-505

SHEET NO. 3-284

TOTAL SHTS. 3-420

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA (SF)	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP -112	CS-2A34	1		42.50	17'-0"	2'-6"	BLK	FO	1.5"	12"	---	---	SHEET ALUMINUM
TEMP -113	CS-1A39	1		9.00	3'-0"	3'-0"	---	FY	---	---	---	---	SHEET ALUMINUM
TEMP -114	CS-2B07	1		41.25	16'-6"	2'-6"	BLK	FO	1.5"	12"	---	---	SHEET ALUMINUM
TEMP -116	CS-2A28	2		27.50	11'-0"	2'-6"	BLK	FO	---	---	---	---	SHEET ALUMINUM

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE AREA (SF)	SIZE WIDTH	SIZE HEIGHT	COLOR LEGEND	COLOR BCKGRND	BORDER THICKNESS	BORDER RADIUS	ARROW	SHEILD	REMARKS
TEMP -117	CS-2A28	1		155.00	12'-11"	12'-10"	BLK	FO	2"	12"	TYPE B UP ARROW @ 0°	M1-1 (36"x36")	EXTRUDED ALUMINUM
TEMP -118	CS-1B33	1		49.50	16'-6"	3'-0"	BLK	FO	1.5"	12"	---	---	SHEET ALUMINUM
TEMP -119	CS-2A33	1		51.00	17'-0"	3'-0"	BLK	FO	1.5"	12"	---	---	SHEET ALUMINUM
TEMP -120	CS-2B08	1		37.50	12'-6"	3'-0"	BLK	FO	1.5"	12"	STD. UP ARROW @ 45°	---	SHEET ALUMINUM

COLORS: BLK=BLACK, BLU=BLUE, BRO=BROWN, G=GREEN, R=RED, W=WHITE, Y=YELLOW, FY=FLUORESCENT YELLOW, FYG=FLUORESCENT YELLOW GREEN, PUR=PURPLE, O=ORANGE, FO=FLUORESCENT ORANGE.

N:\31987-004\Contract_I-95\CADD\Traffic\CS506.dgn
5/21/2019 9:50:26 AM

ADDENDA / REVISIONS	

NOT TO SCALE

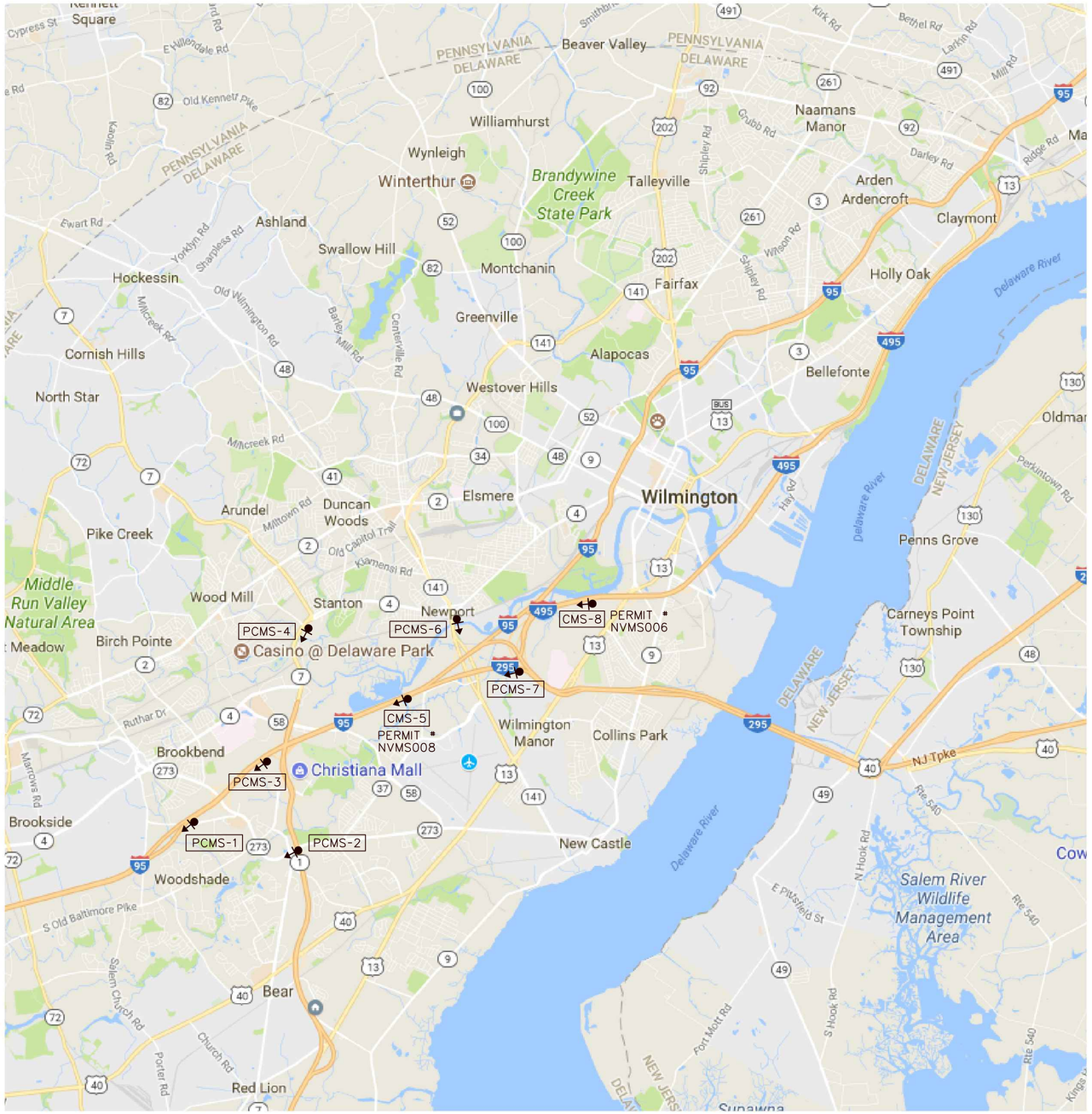
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER BRIDGE

CONTRACT	BRIDGE NO.
T201407404	DESIGNED BY: WRA
COUNTY	
NEW CASTLE	CHECKED BY: WRA

GUIDE SIGN DIMENSIONS & DETAILS

CS-506

SECTION
WRA
SHEET NO.
3-285



N

PCMS/CMS SCHEDULE	
NO.	LOCATION
PCMS-1	NB I-95, SOUTH OF SR 273 (EXIT 3A)
PCMS-2	EB SR 273 (FRENCHTOWN ROAD), WEST OF SR 1
PCMS-3	NB I-95, SOUTH OF SR 1 (EXIT 4B)
PCMS-4	NB SR 7 (STANTON CHRISTINA ROAD), SOUTH OF SR 4 (MITCH ROAD)
CMS-5	NB I-95, SOUTH OF SR 141 (EXIT 5B)
PCMS-6	NB SR 141 (BASIN ROAD), SOUTH OF SR 4 (E MARKET STREET)
PCMS-7	NB I-95, SOUTH OF I-95/I-295 SPLIT
CMS-8	NB I-495, SOUTH OF US 13 (N DUPONT PARKWAY)

NOTE:
1. *DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS TO BE DETERMINED IN SUBSEQUENT SUBMISSION.*

CS-601

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

NOT TO SCALE

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDWINE RIVER BRIDGE

CONTRACT: T201407404
COUNTY: NEW CASTLE
PERMIT NO.
DESIGNED BY: B.M.W. (WRA)
CHECKED BY: M.J.B. (WRA)

ATMS PLAN NB I-95 DIVERSIONS PCMS/CMS LAYOUT

SHEET NO. 3-286
TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS601_NB PCMS Plan.dgn
2/9/2018 10:56:24 AM

PCMS-1

MESSAGE SET 1

95 NORTH MAJOR DELAYS	USE SR 273 E EXIT 3A

PCMS-1 WILL ACTIVATE WHEN THE I-95 BACKUP REACHES SR 1 AND SR 7 N REACHES CAPACITY.

PCMS-2

MESSAGE SET 1

95 NORTH MAJOR DELAYS	FOLLOW SR 273 E TO US 13

PCMS-2 WILL ACTIVATE WHEN PCMS-1 HAS BEEN ACTIVATED.

PCMS-3

MESSAGE SET 1

95 NORTH DELAYS AHEAD	USE SR 7 N EXIT 4B

PCMS-3 WILL ACTIVATE WHEN THE I-95 BACKUP REACHES I-295 AND SR 141 & US 13 REACH CAPACITY.

PCMS-4

MESSAGE SET 1

95 NORTH BYPASS TRAFFIC	USE SR 4 E

PCMS-4 (MESSAGE SET 1) WILL ACTIVATE WHEN PCMS-3 HAS BEEN ACTIVATED.

MESSAGE SET 2

95 NORTH BYPASS TRAFFIC	USE SR 2 E

PCMS-4 (MESSAGE SET 2) WILL ACTIVATE WHEN PCMS-3 HAS BEEN ACTIVATED AND SR 4 E REACHES CAPACITY.

CMS-5 PERMIT #NVMS008

MESSAGE SET 1

95 NORTH DELAYS AHEAD	USE SR 141 N EXIT 5B

CMS-5 (MESSAGE SET 1) WILL ACTIVATE WHEN I-495 N REACHES CAPACITY.

MESSAGE SET 2

95 NORTH DELAYS AHEAD	USE I-295 N

CMS-5 (MESSAGE SET 2) WILL ACTIVATE WHEN I-495 N REACHES CAPACITY AND SR 141 N REACHES CAPACITY.

PCMS-6

MESSAGE SET 1

95 NORTH BYPASS TRAFFIC	USE SR 4 E

PCMS-6 (MESSAGE SET 1) WILL ACTIVATE WHEN CMS-5 HAS BEEN ACTIVATED.

MESSAGE SET 2

95 NORTH BYPASS TRAFFIC	USE SR 2 E

PCMS-6 (MESSAGE SET 2) WILL ACTIVATE WHEN CMS-5 HAS BEEN ACTIVATED AND SR 4 E REACHES CAPACITY.

MESSAGE SET 3

95 NORTH BYPASS TRAFFIC	USE SR 48 E

PCMS-6 (MESSAGE SET 3) WILL ACTIVATE WHEN CMS-5 HAS BEEN ACTIVATED AND SR 4 E & SR 2 E REACH CAPACITY.

MESSAGE SET 4

95 NORTH BYPASS TRAFFIC	USE SR 52 S

PCMS-6 (MESSAGE SET 4) WILL ACTIVATE WHEN CMS-5 HAS BEEN ACTIVATED AND SR 4 E,SR 2 E, & SR 48 E REACH CAPACITY.

PCMS-7

MESSAGE SET 1

95 NORTH DELAYS AHEAD	USE I-495 N

PCMS-7 WILL ACTIVATE WHEN I-95 REACHES CAPACITY IN WORK ZONE.

CMS-8 PERMIT #NVMS006

MESSAGE SET 1

TRAFFIC TO WILM	USE US 13 N EXIT 1

CMS-8 (MESSAGE SET 1) WILL ACTIVATE PCMS-7 HAS BEEN ACTIVATED.

MESSAGE SET 2

TRAFFIC TO WILM	USE TERM AVE EXIT 2

CMS-8 (MESSAGE SET 2) WILL ACTIVATE PCMS-7 HAS BEEN ACTIVATED AND US 13 REACHES CAPACITY.

MESSAGE SET 3

TRAFFIC TO WILM	USE 12TH ST EXIT 3

CMS-8 (MESSAGE SET 3) WILL ACTIVATE PCMS-7 HAS BEEN ACTIVATED AND US 13 & TERMINAL AVE REACH CAPACITY.

NOTE:

1. *DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS TO BE DETERMINED IN SUBSEQUENT SUBMISSION.*

CS-602

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

NOT TO SCALE

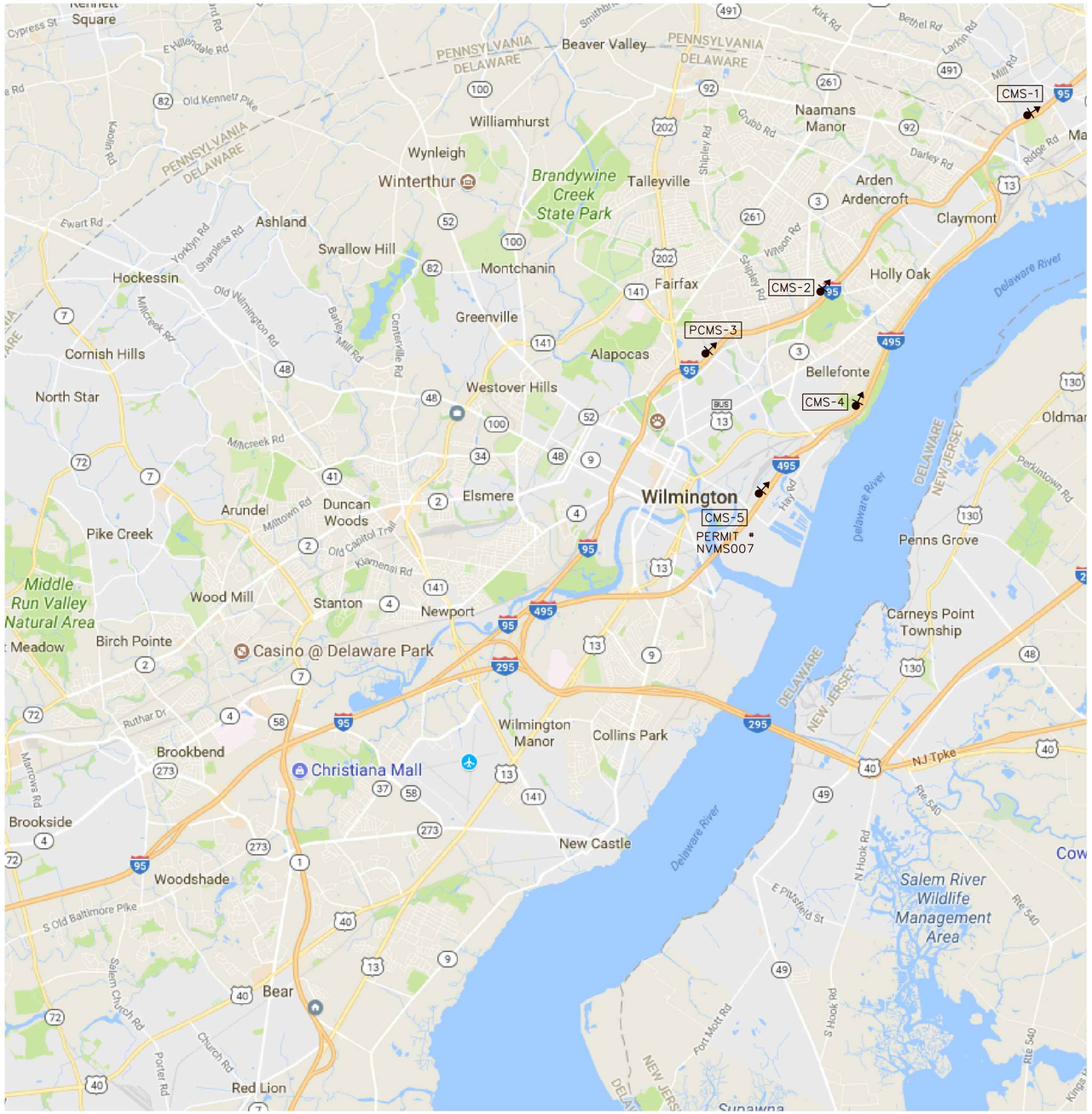
REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDWINE RIVER BRIDGE

CONTRACT T201407404 | COUNTY NEW CASTLE | PERMIT NO. | DESIGNED BY: B.M.W. (WRA) | CHECKED BY: M.J.B. (WRA)

ATMS PLAN
NB I-95 DIVERSIONS
PCMS/CMS DETAILS

SHEET NO. 3-287
TOTAL SHTS. 3-420

N:\31987-004\CADD\Traffic\CS602_NB PCMS Plan.dgn
2/9/2018 10:56:55 AM



PCMS/CMS SCHEDULE	
NO.	LOCATION
CMS-1	SB I-95, SOUTH OF CHICHESTER AVENUE (EXIT 1)
CMS-2	SB I-95, NORTH OF SR 3 (MARSH ROAD, EXIT 9)
PCMS-3	SB I-95, NORTH OF US 202 (CONCORD PIKE, EXIT 8)
CMS-4	SB I-495, NORTH OF US 13 (GOV PRINTZ BOULEVARD, EXIT 4A)
CMS-5	SB I-495, NORTH OF E 12TH STREET (EXIT 3)

NOTE:

1. *DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS TO BE DETERMINED IN SUBSEQUENT SUBMISSION.*

CS-603

N:\31987-004\CADD\Traffic\CS603_SB PCMS Plan.dgn
2/9/2018 10:57:19 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

NOT TO SCALE

REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDWINE RIVER BRIDGE

CONTRACT: T201407404
COUNTY: NEW CASTLE
PERMIT NO.
DESIGNED BY: B.M.W. (WRA)
CHECKED BY: M.J.B. (WRA)

ATMS PLAN SB I-95 DIVERSIONS PCMS/CMS LAYOUT

SHEET NO. 3-288
TOTAL SHTS. 3-420

CMS-1

MESSAGE SET 1

95 SOUTH DELAYS AHEAD	USE I-495 S

CMS-1 (MESSAGE SET 1) WILL ACTIVATE WHEN I-95 REACHES CAPACITY IN WORK ZONE.

MESSAGE SET 2

95 SOUTH MAJOR DELAYS	USE SR 92 W EXIT 6

CMS-1 (MESSAGE SET 2) WILL ACTIVATE WHEN I-95 BACKUP REACHES MARSH ROAD AND MARSH ROAD, 12TH STREET, & GOV. PRINTZ BOULEVARD REACH CAPACITY.

CMS-2 *PROPOSED FY19 INSTALL

MESSAGE SET 1

95 SOUTH DELAYS AHEAD	USE MARSH RD EXIT 9

CMS-2 WILL ACTIVATE WHEN I-95 BACKUP REACHES US 202 AND EXIT 8 REACHES CAPACITY.

PCMS-3

MESSAGE SET 1

95 SOUTH DELAYS AHEAD	USE EXIT 8

PCMS-3 WILL ACTIVATE WHEN CMS-1 HAS BEEN ACTIVATED.

CMS-4 *PROPOSED FY19 INSTALL

MESSAGE SET 1

TRAFFIC TO WILM	USE EXIT 4

CMS-4 WILL ACTIVATE WHEN US 13 N & 12TH STREET REACH CAPACITY.

CMS-5 PERMIT #NVMS007

MESSAGE SET 1

TRAFFIC TO WILM	USE 12TH ST EXIT 3

CMS-5 (MESSAGE SET 1) WILL ACTIVATE WHEN CMS-1 HAS BEEN ACTIVATED.

MESSAGE SET 2

TRAFFIC TO WILM	USE TERM AVE EXIT 2

CMS-5 (MESSAGE SET 2) WILL ACTIVATE WHEN CMS-1 HAS BEEN ACTIVATED AND 12TH STREET REACHES CAPACITY.

MESSAGE SET 3

TRAFFIC TO WILM	USE US 13 N EXIT 1

CMS-5 (MESSAGE SET 2) WILL ACTIVATE WHEN CMS-1 HAS BEEN ACTIVATED AND 12TH STREET & TERMINAL AVENUE REACH CAPACITY.

NOTE:

1. *DETERMINATION OF RESPONSIBILITY OF OPERATIONS AND MAINTENANCE OF THE EQUIPMENT FOR THE AUTOMATED TRAFFIC MANAGEMENT SYSTEM, WHETHER DELDOT OR THE PROJECT CONTRACTOR, IS TO BE DETERMINED IN SUBSEQUENT SUBMISSION.*

CS-604

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

NOT TO SCALE

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDWINE RIVER BRIDGE

CONTRACT	PERMIT NO.	
T201407404	DESIGNED BY: B.M.W. (WRA)	
COUNTY		
NEW CASTLE	CHECKED BY: M.J.B. (WRA)	

ATMS PLAN
SB I-95 DIVERSIONS
PCMS/CMS DETAILS

SHEET NO.	3-289
TOTAL SHTS.	3-420

N:\31987-004\CADD\Traffic\CS604_SB PCMS Plan.dgn
2/9/2018 10:57:38 AM

1

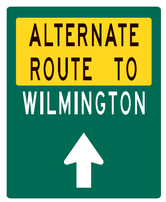
2

3

4

5

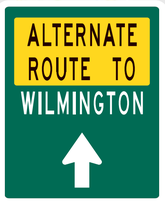
6



7

8

9



10

11

12

SIGN SCHEDULE

NO.	LOCATION
1	SB US 202 (CONCORD PIKE), NORTH OF I-95
2	WB SR 92 (NAAMANS ROAD), EAST OF US 202
3	WB SR 92 (NAAMANS ROAD), WEST OF I-95
4	SB SR 3 (MARSH ROAD), SOUTH OF I-95
5	NB SR 141 (E BASIN ROAD), SOUTH OF US 13
6	NB US 13 (N DUPONT HIGHWAY), SOUTH OF SR 141
7	EB SR 273 (FRENCHTOWN ROAD), WEST OF US 13
8	WB HAMBURG ROAD, EAST US US 13
9	NB SR 1 (DUPONT PARKWAY), SOUTH OF SR 1/US 13 SPLIT
10	EB US 40 (PULASKI HIGHWAY), WEST OF SR 1
11	EB SR 273 (FRENCHTOWN ROAD), WEST OF SR 1
12	EB SR 4 (OGLETOWN STANTON ROAD), WEST OF SR 7

N:\31987-004\CADD\Traffic\CS605_Static Signing.dgn
2/9/2018 10:58:16 AM

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

NOT TO SCALE

REHABILITATION OF I-95
FROM I-495 TO NORTH OF
BRANDWINE RIVER BRIDGE

CONTRACT	PERMIT NO.
T201407404	DESIGNED BY: B.M.W. (WRA)
COUNTY	
NEW CASTLE	CHECKED BY: M.J.B. (WRA)

ALTERNATE ROUTE
TO WILMINGTON
STATIC SIGNING LAYOUT

CS-605

SHEET NO. 3-290

TOTAL SHTS. 3-420