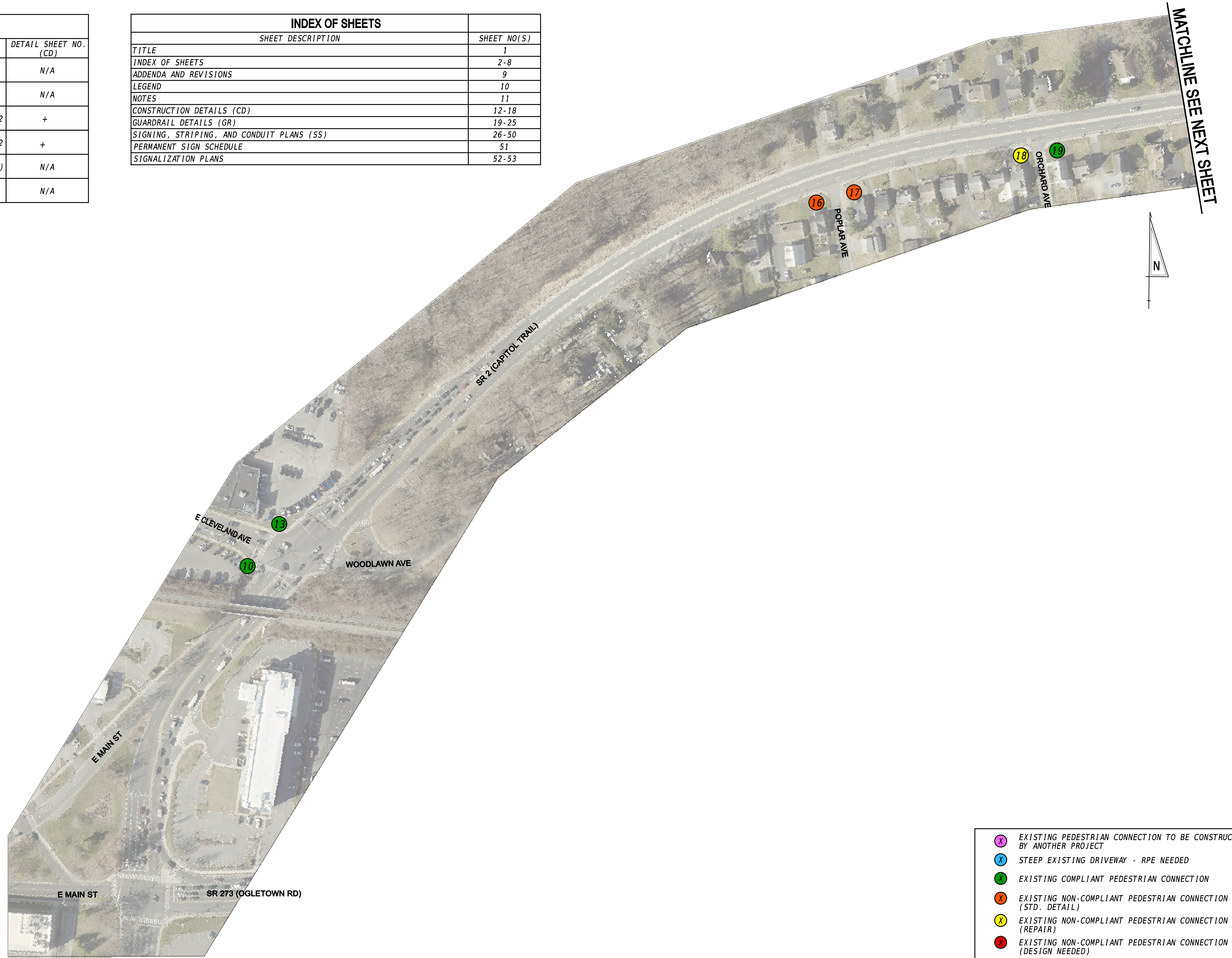




PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
10	COMPLIANT	N/A
13	COMPLIANT	N/A
16	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
17	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
18	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
19	COMPLIANT	N/A

- # PEDESTRIAN CONNECTION, TYPE 1
- + PEDESTRIAN CONNECTION, TYPE 2
- @ PEDESTRIAN CONNECTION, TYPE 3
- \$ PEDESTRIAN CONNECTION, TYPE 5

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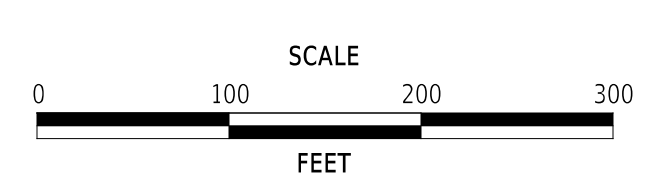


MATCHLINE SEE NEXT SHEET



<span style="color: magenta;">X</span>	EXISTING PEDESTRIAN CONNECTION TO BE CONSTRUCTED BY ANOTHER PROJECT
<span style="color: blue;">X</span>	STEEP EXISTING DRIVEWAY - RPE NEEDED
<span style="color: green;">X</span>	EXISTING COMPLIANT PEDESTRIAN CONNECTION
<span style="color: orange;">X</span>	EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (STD. DETAIL)
<span style="color: yellow;">X</span>	EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (REPAIR)
<span style="color: red;">X</span>	EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (DESIGN NEEDED)

ADDENDA / REVISIONS



PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	Z. BRANDER
NEW CASTLE		

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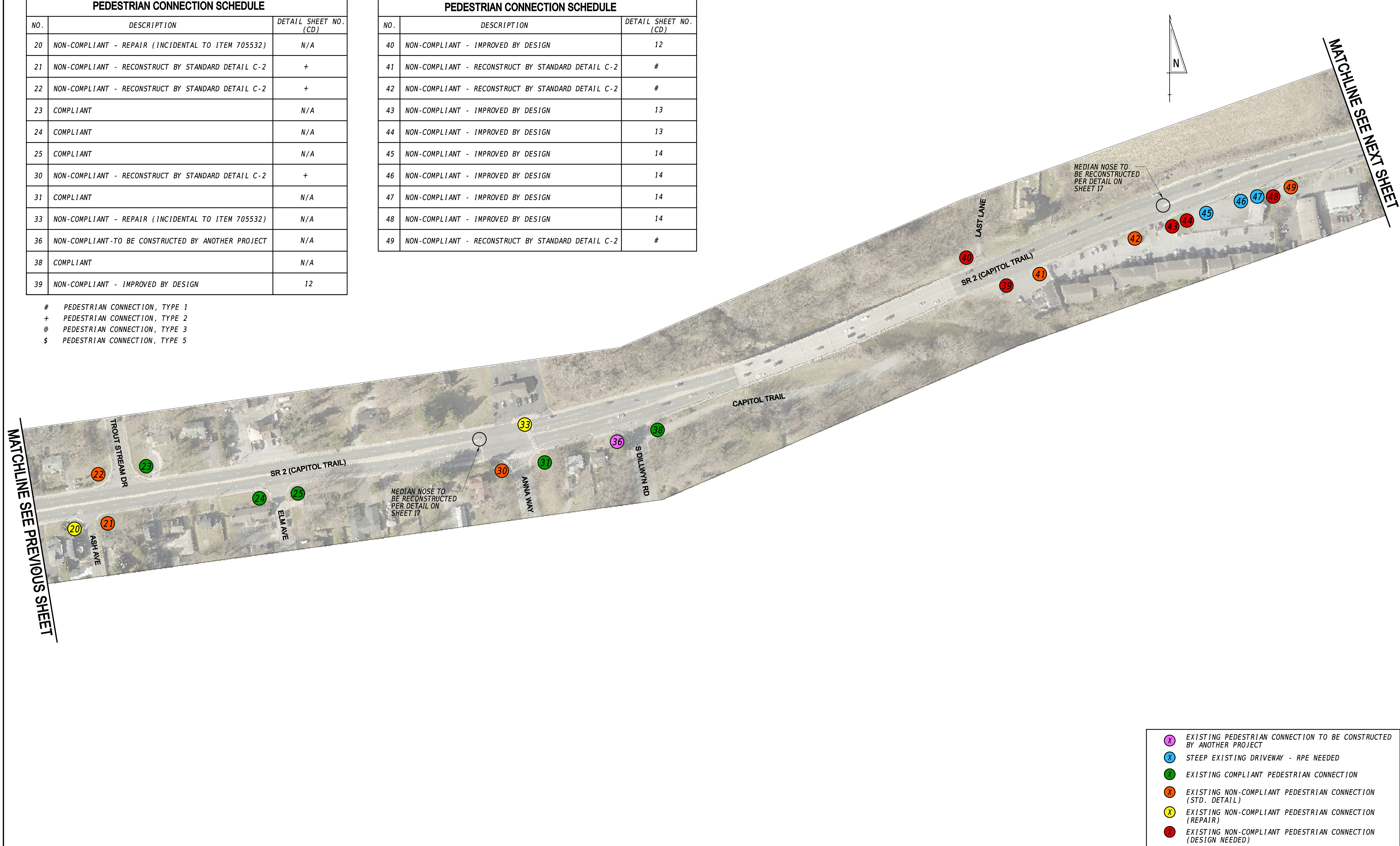
PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
20	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
21	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
22	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
23	COMPLIANT	N/A
24	COMPLIANT	N/A
25	COMPLIANT	N/A
30	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
31	COMPLIANT	N/A
33	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
36	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
38	COMPLIANT	N/A
39	NON-COMPLIANT - IMPROVED BY DESIGN	12

- # PEDESTRIAN CONNECTION, TYPE 1
- + PEDESTRIAN CONNECTION, TYPE 2
- @ PEDESTRIAN CONNECTION, TYPE 3
- \$ PEDESTRIAN CONNECTION, TYPE 5

PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
40	NON-COMPLIANT - IMPROVED BY DESIGN	12
41	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
42	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
43	NON-COMPLIANT - IMPROVED BY DESIGN	13
44	NON-COMPLIANT - IMPROVED BY DESIGN	13
45	NON-COMPLIANT - IMPROVED BY DESIGN	14
46	NON-COMPLIANT - IMPROVED BY DESIGN	14
47	NON-COMPLIANT - IMPROVED BY DESIGN	14
48	NON-COMPLIANT - IMPROVED BY DESIGN	14
49	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#

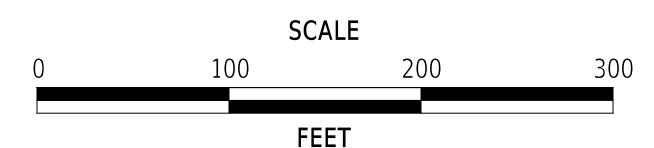
MATCHLINE SEE PREVIOUS SHEET

MATCHLINE SEE NEXT SHEET



	EXISTING PEDESTRIAN CONNECTION TO BE CONSTRUCTED BY ANOTHER PROJECT
	STEEP EXISTING DRIVEWAY - RPE NEEDED
	EXISTING COMPLIANT PEDESTRIAN CONNECTION
	EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (STD. DETAIL)
	EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (REPAIR)
	EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (DESIGN NEEDED)

ADDENDA / REVISIONS



PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	Z. BRANDER
NEW CASTLE		

INDEX OF SHEETS

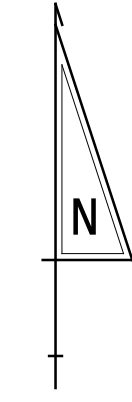
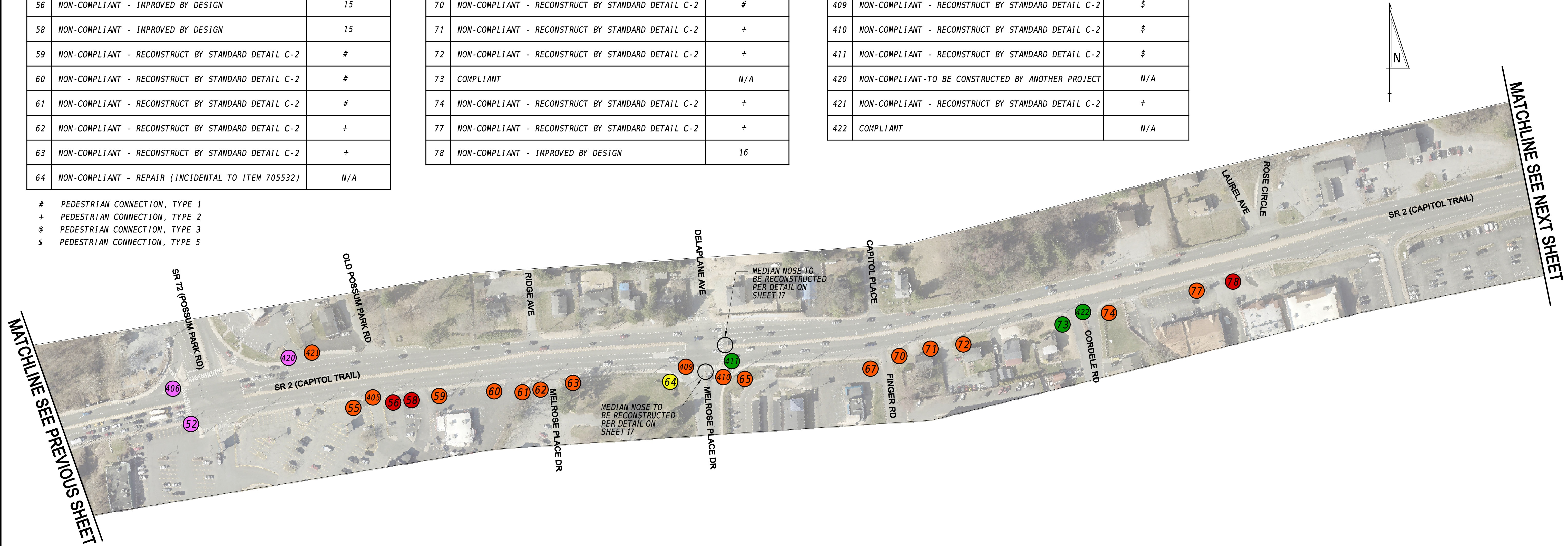
SECTION	PAI
SHEET NO.	3

PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
52	NON-COMPLIANT - TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
55	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
56	NON-COMPLIANT - IMPROVED BY DESIGN	15
58	NON-COMPLIANT - IMPROVED BY DESIGN	15
59	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
60	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
61	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
62	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
63	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
64	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A

PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
65	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
67	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
70	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
71	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
72	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
73	COMPLIANT	N/A
74	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
77	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
78	NON-COMPLIANT - IMPROVED BY DESIGN	16

PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
405	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	\$
406	NON-COMPLIANT - TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
409	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	\$
410	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	\$
411	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	\$
420	NON-COMPLIANT - TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
421	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
422	COMPLIANT	N/A

- # PEDESTRIAN CONNECTION, TYPE 1
- + PEDESTRIAN CONNECTION, TYPE 2
- @ PEDESTRIAN CONNECTION, TYPE 3
- \$ PEDESTRIAN CONNECTION, TYPE 5

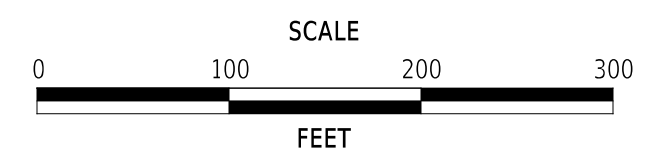


MATCHLINE SEE PREVIOUS SHEET

MATCHLINE SEE NEXT SHEET

- X EXISTING PEDESTRIAN CONNECTION TO BE CONSTRUCTED BY ANOTHER PROJECT
- X STEEP EXISTING DRIVEWAY - RPE NEEDED
- X EXISTING COMPLIANT PEDESTRIAN CONNECTION
- X EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (STD. DETAIL)
- X EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (REPAIR)
- X EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (DESIGN NEEDED)

ADDENDA / REVISIONS



PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)

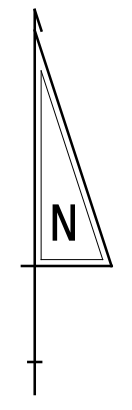
CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	Z. BRANDER
NEW CASTLE		

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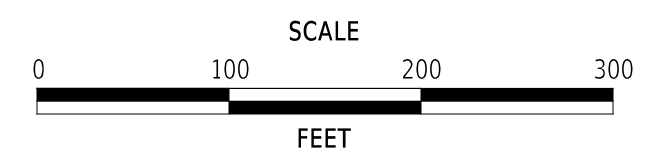
PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
85	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
86	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
91	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
92	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
94	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
96	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
423	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
424	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A

- # PEDESTRIAN CONNECTION, TYPE 1
- + PEDESTRIAN CONNECTION, TYPE 2
- @ PEDESTRIAN CONNECTION, TYPE 3
- \$ PEDESTRIAN CONNECTION, TYPE 5



<span style="color: purple;">X</span>	EXISTING PEDESTRIAN CONNECTION TO BE CONSTRUCTED BY ANOTHER PROJECT
<span style="color: blue;">X</span>	STEEP EXISTING DRIVEWAY - RPE NEEDED
<span style="color: green;">X</span>	EXISTING COMPLIANT PEDESTRIAN CONNECTION
<span style="color: orange;">X</span>	EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (STD. DETAIL)
<span style="color: yellow;">X</span>	EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (REPAIR)
<span style="color: red;">X</span>	EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (DESIGN NEEDED)

ADDENDA / REVISIONS



PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	Z. BRANDER
NEW CASTLE		

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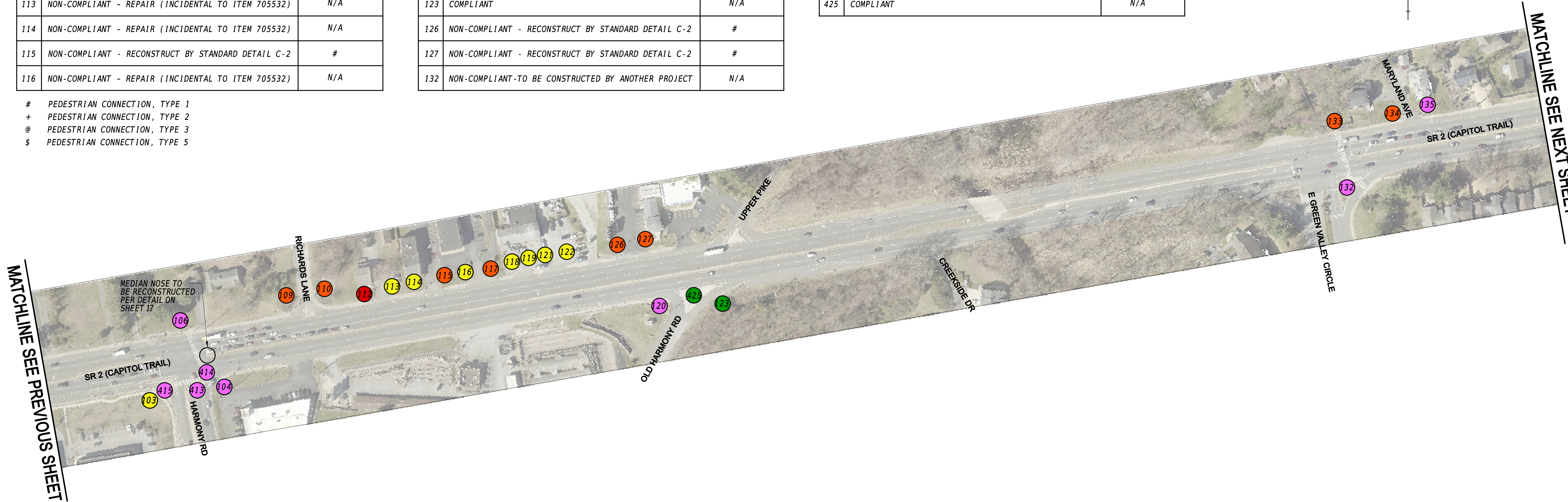
STATES  
TIMES  
FILES

PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
103	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
104	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
106	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
109	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
110	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
112	NON-COMPLIANT - IMPROVED BY DESIGN	17
113	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
114	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
115	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
116	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A

PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
117	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
118	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
119	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
120	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
121	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
122	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
123	COMPLIANT	N/A
126	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
127	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
132	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A

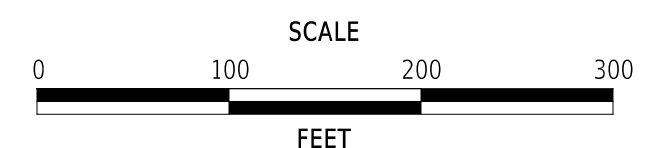
PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
133	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
134	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
135	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
413	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
414	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
415	NON-COMPLIANT-TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
425	COMPLIANT	N/A

- # PEDESTRIAN CONNECTION, TYPE 1
- + PEDESTRIAN CONNECTION, TYPE 2
- @ PEDESTRIAN CONNECTION, TYPE 3
- \$ PEDESTRIAN CONNECTION, TYPE 5



- (X) EXISTING PEDESTRIAN CONNECTION TO BE CONSTRUCTED BY ANOTHER PROJECT
- (X) STEEP EXISTING DRIVEWAY - RPE NEEDED
- (X) EXISTING COMPLIANT PEDESTRIAN CONNECTION
- (X) EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (STD. DETAIL)
- (X) EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (REPAIR)
- (X) EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (DESIGN NEEDED)

ADDENDA / REVISIONS



PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	Z. BRANDER
NEW CASTLE		

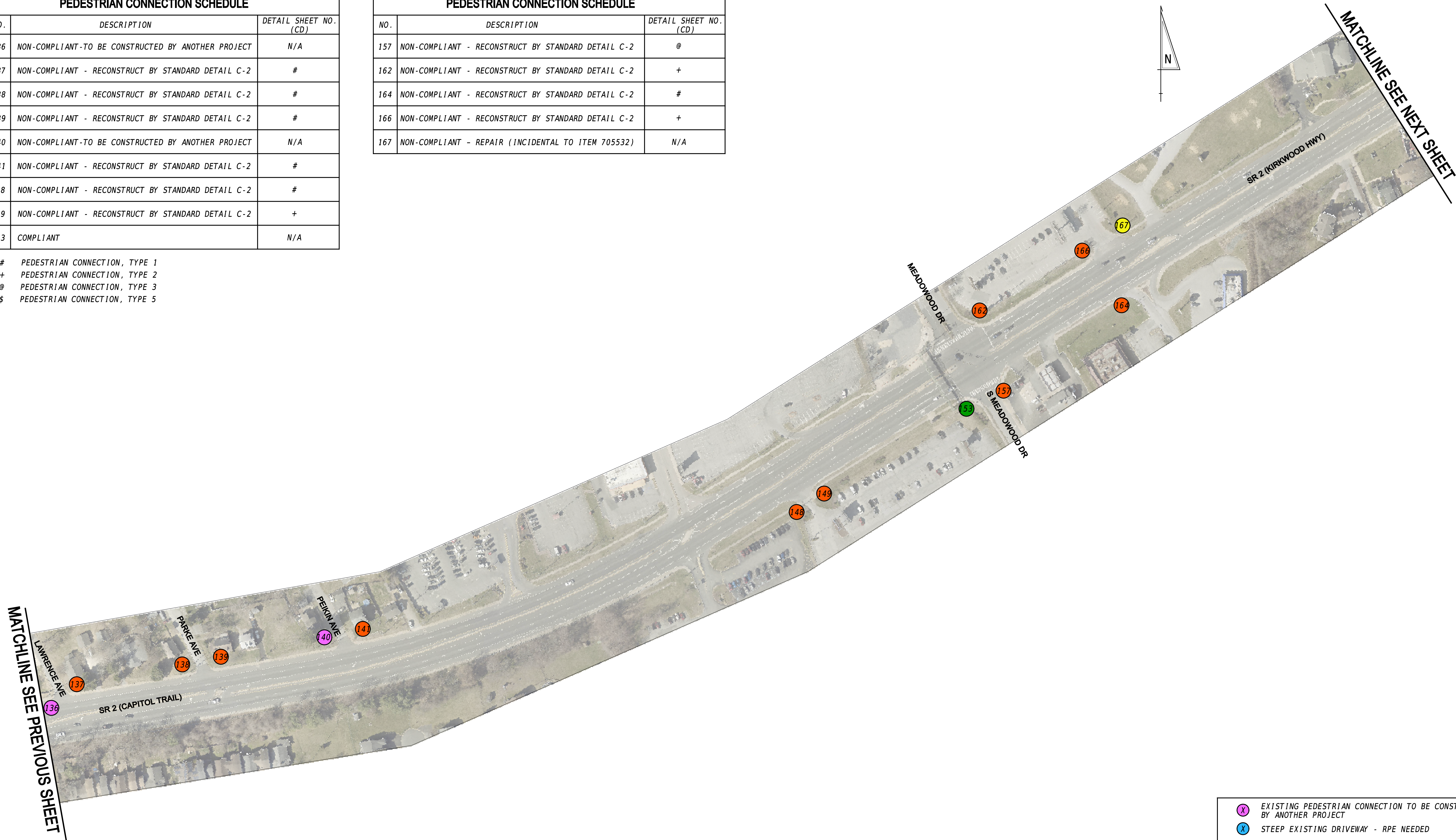
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PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
136	NON-COMPLIANT - TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
137	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
138	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
139	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
140	NON-COMPLIANT - TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
141	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
148	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
149	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
153	COMPLIANT	N/A

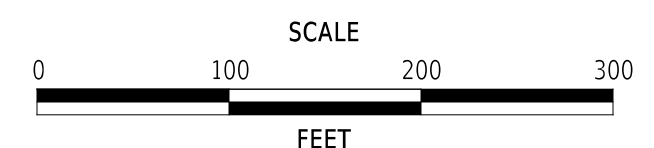
- # PEDESTRIAN CONNECTION, TYPE 1
- + PEDESTRIAN CONNECTION, TYPE 2
- @ PEDESTRIAN CONNECTION, TYPE 3
- \$ PEDESTRIAN CONNECTION, TYPE 5

PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
157	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	@
162	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
164	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
166	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
167	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A



- X EXISTING PEDESTRIAN CONNECTION TO BE CONSTRUCTED BY ANOTHER PROJECT
- X STEEP EXISTING DRIVEWAY - RPE NEEDED
- X EXISTING COMPLIANT PEDESTRIAN CONNECTION
- X EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (STD. DETAIL)
- X EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (REPAIR)
- X EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (DESIGN NEEDED)

ADDENDA / REVISIONS



PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	Z. BRANDER
NEW CASTLE		

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7

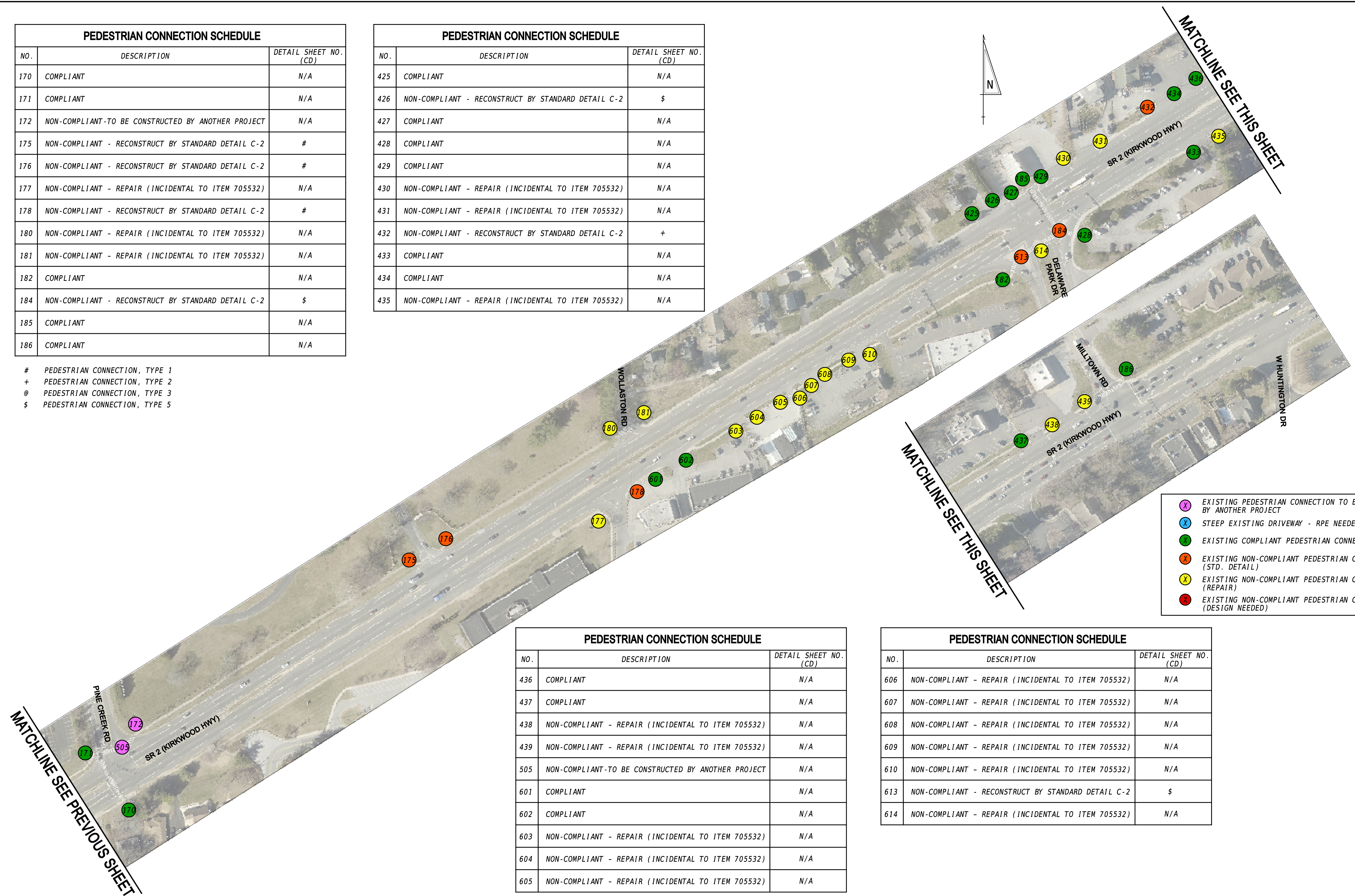
PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
170	COMPLIANT	N/A
171	COMPLIANT	N/A
172	NON-COMPLIANT - TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
175	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
176	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
177	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
178	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	#
180	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
181	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
182	COMPLIANT	N/A
184	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	\$
185	COMPLIANT	N/A
186	COMPLIANT	N/A

# PEDESTRIAN CONNECTION, TYPE 1  
 + PEDESTRIAN CONNECTION, TYPE 2  
 @ PEDESTRIAN CONNECTION, TYPE 3  
 \$ PEDESTRIAN CONNECTION, TYPE 5

PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
425	COMPLIANT	N/A
426	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	\$
427	COMPLIANT	N/A
428	COMPLIANT	N/A
429	COMPLIANT	N/A
430	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
431	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
432	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	+
433	COMPLIANT	N/A
434	COMPLIANT	N/A
435	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A

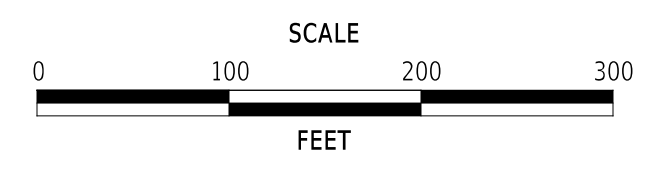
PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
436	COMPLIANT	N/A
437	COMPLIANT	N/A
438	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
439	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
505	NON-COMPLIANT - TO BE CONSTRUCTED BY ANOTHER PROJECT	N/A
601	COMPLIANT	N/A
602	COMPLIANT	N/A
603	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
604	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
605	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A

PEDESTRIAN CONNECTION SCHEDULE		
NO.	DESCRIPTION	DETAIL SHEET NO. (CD)
606	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
607	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
608	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
609	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
610	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A
613	NON-COMPLIANT - RECONSTRUCT BY STANDARD DETAIL C-2	\$
614	NON-COMPLIANT - REPAIR (INCIDENTAL TO ITEM 705532)	N/A



- EXISTING PEDESTRIAN CONNECTION TO BE CONSTRUCTED BY ANOTHER PROJECT
- STEEP EXISTING DRIVEWAY - RPE NEEDED
- EXISTING COMPLIANT PEDESTRIAN CONNECTION
- EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (STD. DETAIL)
- EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (REPAIR)
- EXISTING NON-COMPLIANT PEDESTRIAN CONNECTION (DESIGN NEEDED)

ADDENDA / REVISIONS



PAVEMENT REHABILITATION,  
 NEW CASTLE 5A,  
 (KIRKWOOD HIGHWAY)

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	Z. BRANDER
NEW CASTLE		

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STATES  
 TIMES  
 \$FILES

**ADDENDUM PREPARED BY**  
PENNONI ASSOCIATES, INC.

THIS SEAL APPLIES TO THE FOLLOWING SHEETS  
CHANGED UNDER ADDENDUM #X:  
XX, XX-XX, XX

DATE

SEAL

**REVISION PREPARED BY**  
PENNONI ASSOCIATES, INC.

THIS SEAL APPLIES TO THE FOLLOWING SHEETS  
CHANGED UNDER REVISION #X:  
XX, XX-XX, XX

DATE

SEAL

ADDENDA / REVISIONS

NOT TO SCALE

**PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT
T202506101
COUNTY
NEW CASTLE

BRIDGE NO.

**N/A**

DESIGNED BY: C. ZIVKOVICH

CHECKED BY: Z. BRANDER

**ADDENDA AND  
REVISIONS**

SECTION

PAI

SHEET NO.

9

MANMADE ROADSIDE FEATURES			
FEATURE DESCRIPTION	EXISTING	PROPOSED	ID
BOLLARD - STEEL POLE	⊙		
BOLLARD - WOOD POST	⊗		
CURB, TYPE 1 AND TYPE 3		=====	
CURB, TYPE 2	CURB, TYPE "X"	=====	
CURB & GUTTER, TYPE 1		=====	(C/XXX)
CURB & GUTTER, TYPE 2		=====	
CURB & GUTTER, TYPE 3	C&G, TYPE "X"	=====	
CURB OPENING - SUMP / ON GRADE			(C/D)
CURB OPENING WITH SIDEWALK			(C/SW)
FENCE - CHAINLINK OR STRANDED	—x—	—o—o—o—	(F/XXX)
FENCE - STOCKADE OR SPLIT RAIL	—o—	—●—●—●—	
FLAG POLE	F.P.		
GUARDRAIL - STEEL BEAM, TYPE 1		=====	
GUARDRAIL - STEEL BEAM, TYPE 2		=====	
GUARDRAIL - STEEL BEAM, TYPE 3		=====	
GUARDRAIL - WIRE ROPE		—o—o—o—	
GUARDRAIL - END ANCHORAGE			(OR/XXX)
GUARDRAIL - END TREATMENT, TYPE 1		=====	
GUARDRAIL - END TREATMENT, TYPE 2		=====	
GUARDRAIL - END TREATMENT, TYPE 3		=====	
GUARDRAIL - IMPACT ATTENUATOR		=====	
LAMP AND POST - RESIDENTIAL	LAMP ⊙		
MAILBOX	MB	MB	
PARKING METER AND POST	P.M.		
PAVEMENT - FLEXIBLE	-----		
PAVEMENT - RIGID	=====		
PILE - BRIDGE	□		
PILLAR OR MISCELLANEOUS POST	○		
TRAFFIC SIGN AND POST	▽	●→	
WALL - BRICK OR BLOCK	□□□□		
WALL - STONE	□□□□		

DRAINAGE FEATURES			
FEATURE DESCRIPTION	EXISTING	PROPOSED	ID
BIOFILTRATION SWALE		←BFS→x	
DITCH OR STREAM CENTERLINE	—∞—	x→→→x	
DIRECTIONAL STREAM FLOW ARROW		→	
DRAINAGE INLET	C.B. / D.I.	■	(DI/XXX)
DRAINAGE JUNCTION BOX	J.B.	■	(JB/XXX)
DRAINAGE MANHOLE	⊙	●	(MH/XXX)
DRAINAGE PIPE AND FLOW ARROW	—SIZE/TYPE LABEL—	→	(P/XXX)
FLARED END SECTION			(FES/XXX)
RIPRAP - AREA FEATURE			(RR/XXX)
RIPRAP - LINEAR FEATURE		—o—o—o—	
SAFETY END SECTION		←	(SES/XXX)
UNDERDRAIN		→	(UD/XXX)
UNDERDRAIN OUTLET		→	(UDO/XXX)

UTILITY FEATURES		
FEATURE DESCRIPTION	EXISTING	PROPOSED
COMMUNICATIONS DISTRIBUTION BOX	CD TV	
COMMUNICATIONS MANHOLE	C T	
COMMUNICATIONS TEST POINT	CT T	
COMMUNICATIONS - UNDERGROUND		=====
ELECTRIC - UNDERGROUND		=====
ELECTRIC MANHOLE	E	
ELECTRIC METER	EM	
ELECTRIC TRANSFORMER	E	
GAS - UNDERGROUND		=====
GAS MANHOLE	G	
GAS METER	G.M.	
GAS VALVE	G.V.	
GAS PUMP - SERVICE STATION	G.P.	
IRRIGATION - UNDERGROUND		=====
ITMS - UNDERGROUND		=====
LIGHTING - UNDERGROUND		=====
LUMINAIRE - POLE MOUNTED		
MANHOLE - UNDETERMINED OWNER	⊙	
RAILROAD TRACKS	=====	=====
SANITARY - UNDERGROUND		=====
SANITARY SEWER MANHOLE	S	
SANITARY SEWER VALVE	S.V.	
SANITARY SEWER CLEANOUT OR VENT	S.C.O.	
SEPTIC DRAIN FIELD	S.D.F.	
SIGNALIZATION - UNDERGROUND		=====
SOIL BORING LOCATION	⊕	
TELEPHONE BOOTH	B	
TRAFFIC - CONDUIT JUNCTION WELL	J.W.	
TRAFFIC - LIGHT POLE AND BASE	⊙	
TRAFFIC - PEDESTRIAN POLE & BASE	⊙	■
TRAFFIC - SIGNAL CABINET & BASE	⊙	■
TRAFFIC - SIGNAL POLE AND BASE	⊙	⊙
UTILITY BOX	U	
UTILITY MARKER	⊕	
UTILITY POLE GUY WIRE ANCHOR	→	→
UTILITY POLE	⊕	⊕
UTILITY TEST HOLE LOCATION	⊕	
WATER - UNDERGROUND		=====
WATER - FIRE HYDRANT	F.H.	F.H.
WATER METER	W.M.	
WATER VALVE	W.V.	W.V.
WELL HEAD	WELL	

PAVEMENT SECTION(S)	
OVERLAY PAVEMENT - SEE TYPICAL SECTIONS FOR MATERIALS AND DEPTHS	
RECONSTRUCTED PAVEMENT - SEE TYPICAL SECTIONS FOR MATERIALS AND DEPTHS	
DRIVEWAY AND ENTRANCE PAVEMENT - SEE NOTES FOR MATERIALS AND DEPTHS	

NATURAL ROADSIDE FEATURES		
FEATURE DESCRIPTION	EXISTING	PROPOSED
HEDGEROW OR THICKET		
MARSH BOUNDARY LINE		
TREE - CONIFEROUS		
TREE - DECIDUOUS		
TREE STUMP		
SHRUBBERY		
WETLAND BOUNDARY - DELINEATED	WL	
WOODS LINE BOUNDARY		

RIGHT-OF-WAY FEATURES		
FEATURE DESCRIPTION	EXISTING	PROPOSED
DENIAL OF ACCESS	DA	DA
EASEMENT - OTHERS	EASEMENT TYPE	
PERMANENT EASEMENT	PE	PE
PROPERTY LINE		
PROPERTY MARKER - CONCRETE	C.M.	■
PROPERTY MARKER - IRON PIPE	I.P.	■
RIGHT-OF-WAY BASELINE	100+00	100+00
RIGHT-OF-WAY LINE		R/W
RIGHT-OF-WAY BY PE		
RIGHT-OF-WAY & DENIAL OF ACCESS	R/W-DA	R/W-DA
RIGHT-TO-ENTER		RTE
TEMPORARY CONSTRUCTION EASEMENT		TCE

SURVEY CONTROL & MONUMENTATION	
FEATURE DESCRIPTION	EXISTING
POINT OF CURVATURE OR TANGENCY	⊙
POINT OF INTERSECTING TANGENTS	⊙
SURVEY BENCHMARK LOCATION	B.M.
SURVEY NGS POINT LOCATION	⊙
SURVEY TIE POINT LOCATION	T.P.
SURVEY TRAVERSE POINT	△

MISCELLANEOUS FEATURES	
FEATURE DESCRIPTION	PROPOSED
BARRIER, DOUBLE-FACED, PERMANENT	
BARRIER, SINGLE-FACED, PERMANENT, TEST LEVEL 4 / TEST LEVEL 5	
BRICK PATTERNED SURFACE	
BUTT JOINT	
CLEAR ZONE	CZ
CONSTRUCTION BASELINE	100+00
LATERAL OFFSET	LO
LIMIT OF CONSTRUCTION	LOC
PAVEMENT PATCH	
PAVEMENT REMOVAL - TOPSOIL, SEED AND MULCH	
P.C.C. SIDEWALK - 4"	
P.C.C. SIDEWALK - 6" (USE 8" DEPTH FOR CHANNELIZATION ISLANDS.)	

IDENTIFIERS	
FEATURE DESCRIPTION	ID
ABANDON BY CONTRACTOR	AB C
ABANDON BY OTHERS	AB O
ADJUST BY CONTRACTOR	A C
ADJUST BY OTHERS	A O
BEST MANAGEMENT PRACTICE	BMP XXX
BUS STOP PAD / TYPE	BSP X
BUS STOP WITH SHELTER PAD / TYPE	BSSP X
CONCRETE SAFETY BARRIER	B XXX
CONVERT TO JUNCTION BOX	CJB XXX
CONVERT TO DRAINAGE MANHOLE	CMB XXX
DO NOT DISTURB	DND
ENERGY DISSIPATOR	ED XXX
FILL WITH FLOWABLE FILL	FF C
LANDSCAPE PLANTINGS	LS XXX
PEDESTRIAN CONNECTION / TYPE	PC XX
PEDESTRIAN CONNECTION / TYPE WITHOUT DETECTABLE WARNING SYSTEM	PC-A XXX
RELOCATE BY CONTRACTOR	RL C
RELOCATE BY OTHERS	RL O
RELOCATE BY PROPERTY OWNER	RL PO
REMOVE BY CONTRACTOR	RM C
REMOVE BY OTHERS	RM O
REMOVE BY TRAFFIC CONTRACTOR	RM TC
RIGHT-OF-WAY MONUMENT	R XXX

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ADDENDA / REVISIONS

NOT TO SCALE

PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	Z. BRANDER
NEW CASTLE		

LEGEND

SECTION	PAI
SHEET NO.	10

## GENERAL NOTES

- THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", DATED JANUARY 2025 AND THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS", DATED 2025, INCLUDING ALL REVISIONS UP TO DATE OF ADVERTISEMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO THE CONSTRUCTION SITE POLLUTION PREVENTION SPECIFICATIONS DETAILED IN SECTION 3.6 OF THE "DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK". ALL COSTS ASSOCIATED WITH ADHERING TO THE STANDARDS SHALL BE INCIDENTAL TO THE OVERALL CONTRACT COSTS.
- EXISTING RIGHT-OF-WAY SHOWN ON THE PLANS IS APPROXIMATE AND FOR INFORMATIONAL PURPOSES ONLY.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED CONSTRUCTION GRADES AND COORDINATES PROVIDED BY THE ENGINEER FOR COMPLIANCE WITH THE CONTRACT REQUIREMENTS PRIOR TO FIELD LAYOUT. THE CONTRACTOR SHALL IMMEDIATELY BRING TO THE ATTENTION OF THE ENGINEER ANY DISCOVERED DISCREPANCIES OR OTHER ELEMENTS WHICH WOULD PROHIBIT THE CONTRACTOR FROM MEETING THE REQUIREMENTS OF THE CONTRACT. WHEN THE ENGINEER DOES NOT PROVIDE PROPOSED GRADES AND COORDINATE INFORMATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPUTING AND ESTABLISHING THIS INFORMATION SUCH THAT IT MEETS ALL CONTRACT REQUIREMENTS. IN ALL CASES, THE CONTRACTOR SHALL ENSURE THAT ALL PROPOSED WORK INCLUDING PEDESTRIAN CONNECTIONS, ROADWAYS OR DITCHES, DRAINAGE STRUCTURES, OR OTHER ITEMS OF WORK AS DETERMINED BY THE ENGINEER, HAVE POSITIVE DRAINAGE. ALL COSTS INCIDENTAL TO ITEM 763622 - CONSTRUCTION ENGINEERING, PAR REHABILITATION.

## PROJECT NOTES

### SECTION 100

- ANY DAMAGE TO ITEMS NOTED TO BE RELOCATED OR RESET BY THE CONTRACTOR, AT THE DISCRETION OF THE ENGINEER, SHALL BE REPAIRED AND/OR REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- UNSUITABLE MATERIALS FROM ROADWAY AND UNDERCUT EXCAVATION SHALL NOT BE USED AS FILL AND SHALL BE LEGALLY DISPOSED OF OUTSIDE THE PROJECT AREA. ALL COSTS ASSOCIATED WITH THE REMOVAL AND DISPOSAL OF THIS MATERIAL SHALL BE INCIDENTAL TO THE ITEM BEING REMOVED.
- THE CONTRACTOR, WITH THE APPROVAL OF THE ENGINEER, SHALL BE DIRECTED TO USE ON THE PROJECT BORROW MATERIALS AS MAY BE FOUND IN THE EXCAVATIONS THAT ARE DETERMINED BY THE ENGINEER TO BE SUITABLE FOR USE ELSEWHERE WITHIN THE PROJECT. PAYMENT FOR PLACING THESE BORROW MATERIALS AT LOCATIONS AS DIRECTED BY THE ENGINEER SHALL BE INCIDENTAL TO THE ITEM THAT GENERATED THE MATERIAL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DRY OR WET THE MATERIALS, IF NEEDED, SO THAT THE MATERIALS WILL MEET THE REQUIREMENTS OF ITS INTENDED USE. THE CONTRACTOR MAY, WITH APPROVAL OF THE ENGINEER, STOCKPILE MATERIALS TO MEET THESE REQUIREMENTS. HOWEVER, MOVING THE MATERIAL FROM THE STOCKPILE AND THEN UTILIZING THE MATERIALS SHALL NOT BE MEASURED FOR PAYMENT. ALL MATERIALS ENCOUNTERED IN THE EXCAVATIONS OF THE PROJECT THAT ARE NOT USED ELSEWHERE ON THE PROJECT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. ALL COSTS ASSOCIATED WITH STOCKPILING MATERIAL, MOVING ANY MATERIAL FROM ANY STOCKPILES, WETTING AND/OR DRYING THE MATERIAL, OR REMOVAL AND FINAL DISPOSAL SHALL BE INCIDENTAL TO THE ITEM THAT GENERATED THAT MATERIAL.
- A NIGHT WORK SURVEY OF ADJACENT PROPERTY OWNERS WAS CONDUCTED AND LOCAL NOISE ORDINANCES HAVE BEEN VERIFIED. NIGHT WORK IS/IS NOT PERMITTED ON THIS CONTRACT.

### SECTION 700

- ALL DISTURBED AREAS WITHIN THE LIMIT OF CONSTRUCTION, SHALL BE TOPSOILED (6" MINIMUM), AND SEEDED AS DIRECTED BY THE ENGINEER.
- ALL PAVED AREAS (INCLUDING DRIVEWAYS) TO BE RECONSTRUCTED OR WIDENED SHALL BE SAWCUT AT THE POINT WHERE THE NEW PAVEMENT IS TO TIE INTO THE EXISTING PAVEMENT.
- WHERE PROPOSED CONCRETE SIDEWALK IS CONSTRUCTED TO MEET EXISTING SIDEWALK, THE EXISTING SIDEWALK SHALL BE SAWCUT AT THE TIE-IN POINT OR MEET THE NEAREST EXISTING SIDEWALK JOINT. ALL SAW CUTTING SHALL BE FULL DEPTH, UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 762001 - SAW CUTTING, CONCRETE, FULL DEPTH.

## MISCELLANEOUS NOTES

- THE LOCATIONS OF ALL ABOVE GROUND ITEMS TO BE INSTALLED, SUCH AS SIGNS, ETC. SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION. ALL COSTS INCIDENTAL TO ITEM 763622 - CONSTRUCTION ENGINEERING, PAR REHABILITATION.
- THE CONTRACTOR SHALL STAKE ALL GRADES TO ENSURE POSITIVE DRAINAGE PRIOR TO CONSTRUCTION. ALL GRADES MUST BE APPROVED BY THE ENGINEER IN THE FIELD PRIOR TO CONSTRUCTION. ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE PAID UNDER ITEM 763622 - CONSTRUCTION ENGINEERING, PAR REHABILITATION.
- PROPOSED CURBS OR PAVEMENT THAT TIE INTO EXISTING PAVEMENT OR CURB SHALL MATCH THE EXISTING PAVEMENT OR CURB ELEVATIONS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE THE PROPER CONSTRUCTION EQUIPMENT AS NECESSARY TO MEET ACCESSIBILITY REQUIREMENTS AS SET FORTH IN DELDOT'S PEDESTRIAN ACCESSIBILITY STANDARDS FOR FACILITIES IN THE PUBLIC RIGHT-OF-WAY.
- IF UNFORSEEN PHYSICAL LIMITATIONS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ENGINEER. THE CONTRACTOR SHALL RESUME WORK ACTIVITIES AFTER THE ENGINEER DETERMINES IF THE PLAN NEEDS TO BE MODIFIED OR REVISED.
- REFER TO STANDARD PLAN SHEETS FOR THE CONSTRUCTION OF INTEGRAL P.C.C. CURB & GUTTER, INCLUDING I.P.C.C. CURB & GUTTER DETAILS FOR TRANSITIONS FROM STANDARD GUTTER SLOPE TO SLOPE ON SECTIONS THAT ARE DIRECTLY IN FRONT OF PEDESTRIAN CONNECTIONS.
- IN AREAS WHERE WHITE EDGE LINES WILL BE REMOVED BECAUSE OF NEW CONSTRUCTION, THE CONTRACTOR SHALL REPLACE THE WHITE LINES IN KIND IN ORDER TO MATCH EXISTING CONDITIONS. THE CONTRACTOR MUST DOCUMENT EXISTING DELINEATION PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY DART FIRST STATE AT DOT\_DETOURS@DELAWARE.GOV AT LEAST 14 DAYS PRIOR TO THE START OF ANY DETOURS OR CONSTRUCTION, AND DOT\_DTC\_PROJECTDEVELOPMENT@DELAWARE.GOV AT SUCH TIME THE FACILITY IS COMPLETED AND OPERABLE FOR TRANSIT OPERATIONS. FOR EMERGENCY DETOUR INFORMATION ONLY, PLEASE CONTACT DTC'S CHIEF SCHEDULER AT 302-576-6019.

## GENERAL EROSION AND SEDIMENT CONTROL NOTES:

EROSION POTENTIAL FOR THIS PROJECT	CONTRACTOR EROSION AND SEDIMENT CONTROL SUPERVISOR REQUIREMENT
( X ) INSIGNIFICANT	NONE
( ) MINOR	CONTRACTOR TRAINING PROGRAM, AS DEFINED IN SECTION 6.2 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
( ) MAJOR	CERTIFIED CONSTRUCTION REVIEWER (CCR), AS DEFINED IN SECTION 6.3 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.

- THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. PLAN APPROVAL IS VALID FOR A FIVE YEAR PERIOD BEGINNING ON THE DATE OF THE STORMWATER ENGINEER'S SIGNATURE. IF THE FINAL ACCEPTANCE OF THE PROJECT IS ANTICIPATED TO EXTEND BEYOND THE FIVE YEARS, NOTIFY THE ENGINEER THREE MONTHS PRIOR TO THE EXPIRATION. ANY DEVIATIONS TO THE SWPPP NEED APPROVAL FROM THE ENGINEER.
- ASSIGN A RESPONSIBLE PERSON TO BE ON SITE DURING ALL EARTH DISTURBING ACTIVITIES AND BE AN ACTIVE DNREC BLUE CARD HOLDER AS DEFINED IN SECTION 6.2 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS (DSSR). BE FAMILIAR WITH AND COMPLY WITH ALL ASPECTS OF THE NPDES CONSTRUCTION GENERAL PERMIT.
- FILE AS A CO-PERMITTEE IN ACCORDANCE WITH SECTION 901 OF THE STANDARD SPECIFICATIONS. POSTING AND MAINTENANCE OF THE NOI PERMIT COVERAGE IS INCIDENTAL TO THE CONTRACT.
- REVISIONS TO THE SWPPP OR ENVIRONMENTAL COMPLIANCE PLAN SHEET(S) SHALL BE APPROVED PRIOR TO INITIATION IN THE FIELD. THE ENGINEER IS RESPONSIBLE FOR APPROVING ALL REDLINES AND REVISIONS TO THE SWPPP.
- IMPLEMENTING AND MAINTAINING POLLUTION PREVENTION DEVICES AND PRACTICES IS REQUIRED UNDER THE DELAWARE CONSTRUCTION GENERAL PERMIT AND THE DSSR AND ARE INCIDENTAL TO THE CONTRACT.
- A SOIL STOCKPILE, AS DESCRIBE IN DELDOT STANDARD SPECIFICATIONS AND DEFINED IN THE DELAWARE EROSION & SEDIMENT CONTROL HANDBOOK, IS ANY LOCATION WITHIN THE LIMITS OF CONSTRUCTION WHERE A TEMPORARY DEPOSIT OF EXCAVATED SOIL IS BEING RESERVED FOR FUTURE USE. A SOIL STOCKPILE SHALL BE LOCATED A MINIMUM OF 50 FEET FROM A STORM DRAIN INLET, OPEN CHANNEL, WETLAND, OR WATERBODY. A REQUEST MAY BE MADE TO THE ENGINEER TO PERMIT LOCATING A SOIL STOCKPILE LESS THAN 50 FEET FROM A STORM DRAIN INLET OR OPEN CHANNEL. UPON APPROVAL, IF ANY PART OF A SOIL STOCKPILE IS LESS THAN 50 FEET FROM A STORM DRAIN INLET OR OPEN CHANNEL, INSTALL A SUPER SILT FENCE PERIMETER TO PROTECT THE SOIL STOCKPILE. THE SUPER SILT FENCE MUST BE CONSTRUCTED IN ACCORDANCE WITH 905.3.B.3 OF THE STANDARD SPECIFICATIONS. THE COST FOR INSTALLATION AND MAINTENANCE OF THE STOCKPILE SUPER SILT FENCE IS INCIDENTAL TO THE CONTRACT.
- PROTECT AGAINST SEDIMENT OR DEBRIS LADEN RUNOFF FROM LEAVING THE SITE. CHECK PERIMETER CONTROLS DAILY AND ADJUST OR REPAIR TO FULLY CONTAIN AND CONTROL SEDIMENT FROM LEAVING THE SITE. REMOVE ACCUMULATED SEDIMENT BEFORE IT HAS REACHED HALF OF THE EFFECTIVE CAPACITY OF THE CONTROL. ADJUST OR ALTER MEASURES IN TIMES OF ADVERSE WEATHER CONDITIONS, OR AS DIRECTED BY THE ENGINEER.
- ANY SEDIMENT LADEN DISCHARGE LEAVING THE LIMIT OF CONSTRUCTION SHALL IMMEDIATELY BE ADDRESSED THROUGH BEST AVAILABLE TECHNOLOGIES TO CONTROL ANY FURTHER SEDIMENT LADEN DISCHARGE. REMEDIATION MAY INCLUDE STANDARD E&S PRACTICES OR OTHER METHODS AS APPROVED BY THE ENGINEER.
- ALL TEMPORARY CONCENTRATED FLOW AREAS INCLUDING CHANNEL SIDE SLOPES SHALL HAVE EROSION CONTROL BLANKET MULCH AS DIRECTED BY THE ENGINEER. INSTALL WITHIN SEVEN CALENDAR DAYS UPON CONSTRUCTION INITIATION. A TEMPORARY CONCENTRATED FLOW AREA MAY INCLUDE DITCHES, SWALES, BERMS, CONCENTRATED RUNOFF AREAS, ETC.
- FOR ANY PERMANENT STORMWATER MANAGEMENT FACILITY, FOLLOW THAT FACILITY'S SEQUENCE OF CONSTRUCTION AS NOTED ON THE STORMWATER MANAGEMENT SHEETS.
- NO MORE THAN 20 ACRES MAY BE DISTURBED AT ANY TIME. DISTURBANCE OF A SECOND 20 ACRE SECTION MAY NOT PROCEED UNTIL TEMPORARY OR PERMANENT STABILIZATION OF THE FIRST 20 ACRE SECTION IS ACCOMPLISHED AS APPROVED BY THE ENGINEER.
- MAINTAIN POSITIVE DRAINAGE IN EXISTING AND PROPOSED DRAINAGE SYSTEMS BY EXECUTING CONSTRUCTION, CLEANING EXISTING DRAINAGE SYSTEMS, AND PROPERLY DISPOSING OF SEDIMENT THROUGHOUT THE DURATION OF THE PROJECT.

## GENERAL MOT NOTES

- SEE GENERAL CONTRACT PLAN NOTES FOR MAINTENANCE OF TRAFFIC NOTES.
- THE FOLLOWING MATRICES PROVIDE TIME RESTRICTION FOR ALLOWABLE LANE CLOSURES:

SR 2 EASTBOUND THROUGH/TURN LANES AND SIDE STREETS

	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM
SUNDAY	1	1	1	1	1	1	1	1	1	1	1	1						1	1	1	1	1	1	1
MONDAY	1	1	1	1	1	1	1				1	1									1	1	1	1
TUESDAY	1	1	1	1	1	1	1				1	1									1	1	1	1
WEDNESDAY	1	1	1	1	1	1	1				1	1									1	1	1	1
THURSDAY	1	1	1	1	1	1	1				1	1									1	1	1	1
FRIDAY	1	1	1	1	1	1	1				1	1									1	1	1	1
SATURDAY	1	1	1	1	1	1	1	1	1	1	1	1						1	1	1	1	1	1	1

	One Lane Closure
	No Lane Closure

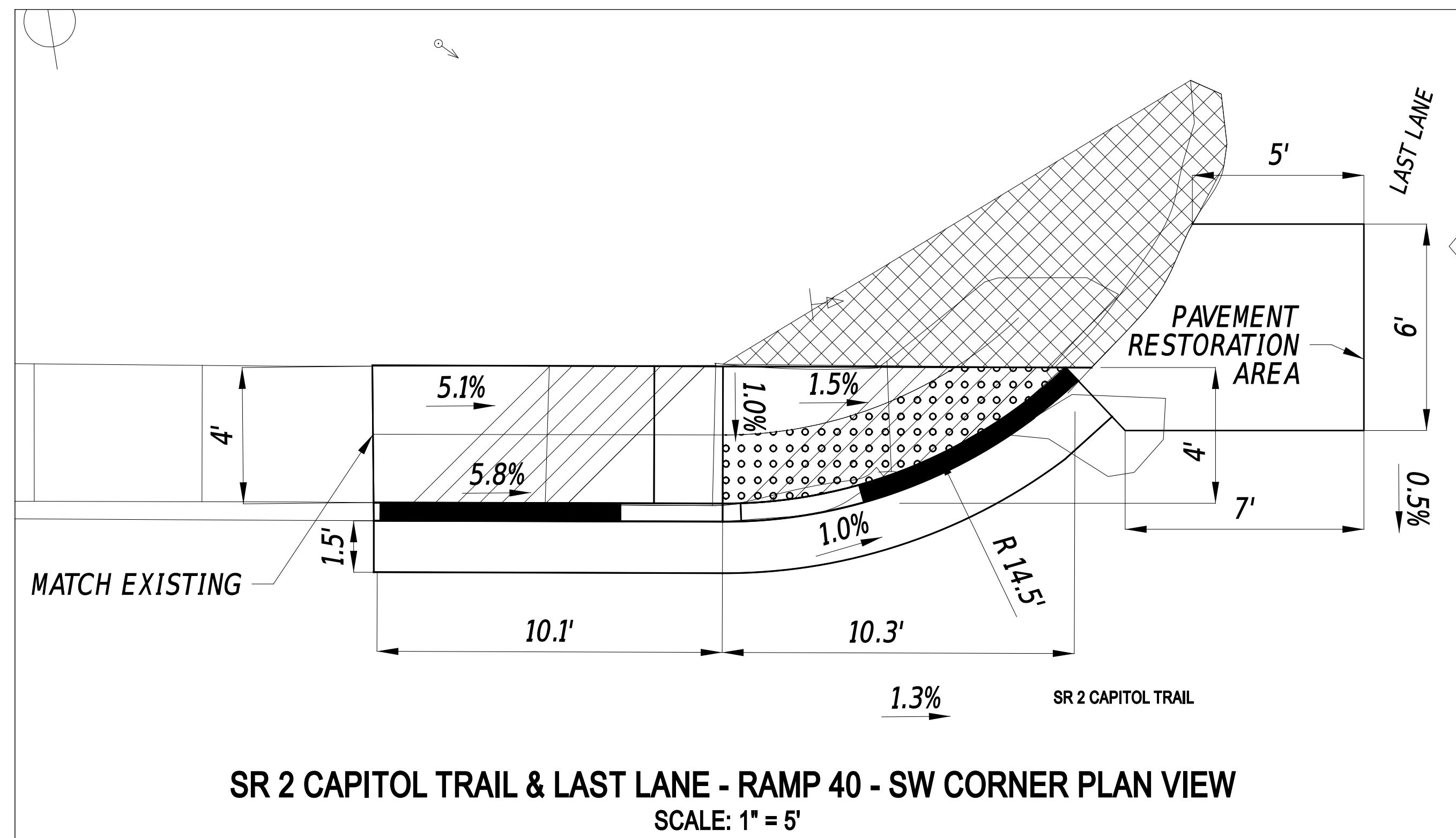
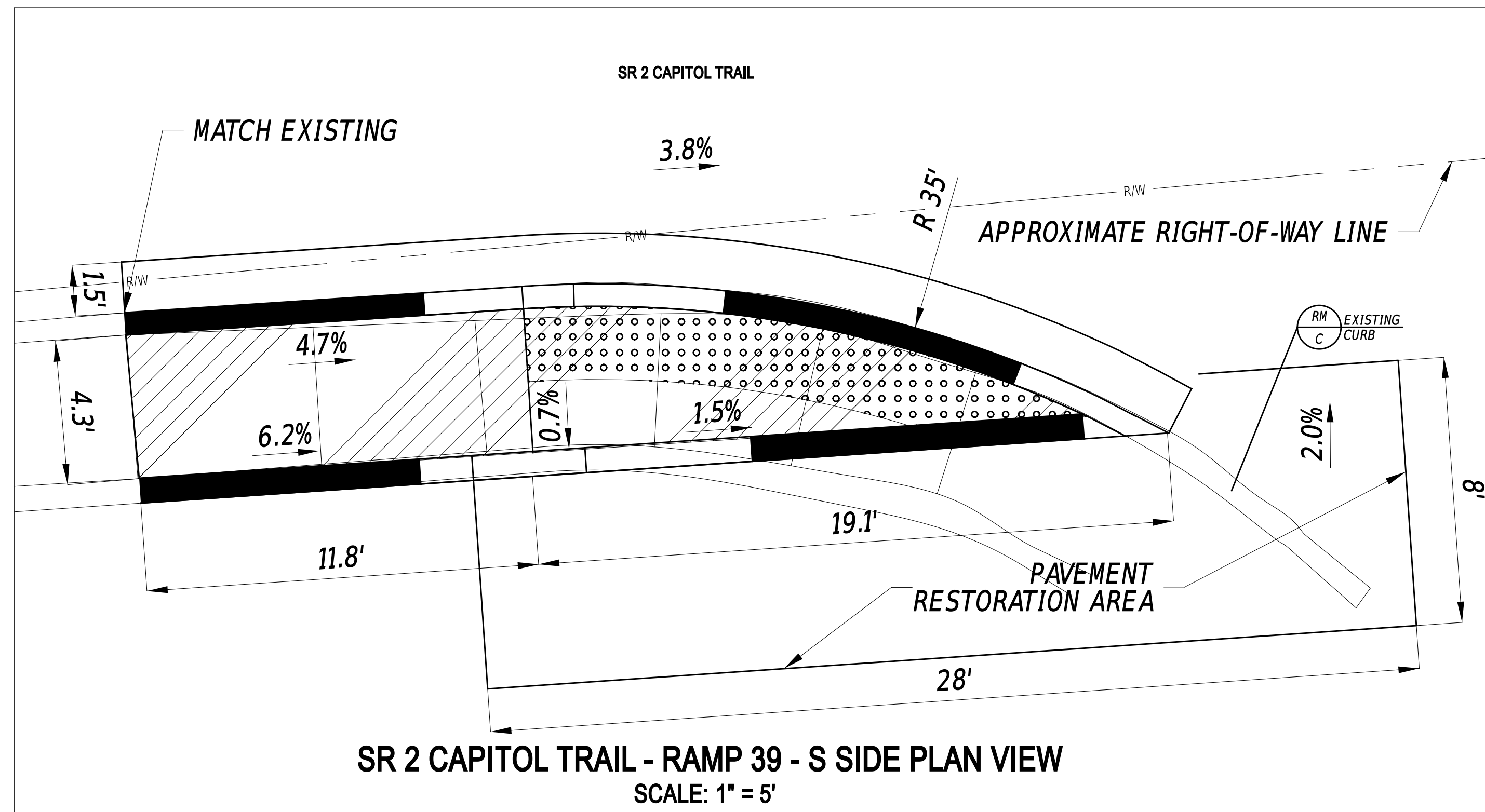
SR 2 WESTBOUND THROUGH/TURN LANES AND SIDE STREETS

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SUNDAY	1	1	1	1	1	1	1	1											1	1	1	1	1	1
MONDAY	1	1	1	1	1	1	1														1	1	1	1
TUESDAY	1	1	1	1	1	1	1														1	1	1	1
WEDNESDAY	1	1	1	1	1	1	1														1	1	1	1
THURSDAY	1	1	1	1	1	1	1														1	1	1	1
FRIDAY	1	1	1	1	1	1	1														1	1	1	1
SATURDAY	1	1	1	1	1	1	1	1											1	1	1	1	1	1

	One Lane Closure
	No Lane Closure

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ADDENDA / REVISIONS		NOT TO SCALE	PAVEMENT REHABILITATION, NEW CASTLE 5A, (KIRKWOOD HIGHWAY)	CONTRACT	BRIDGE NO.	N/A	NOTES	SECTION
				T202506101	DESIGNED BY: C. ZIVKOVICH			
				COUNTY	CHECKED BY: Z. BRANDER			
				NEW CASTLE		SHEET NO. 11		



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ADDENDA / REVISIONS	

SCALE AS NOTED

**PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

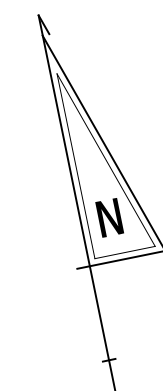
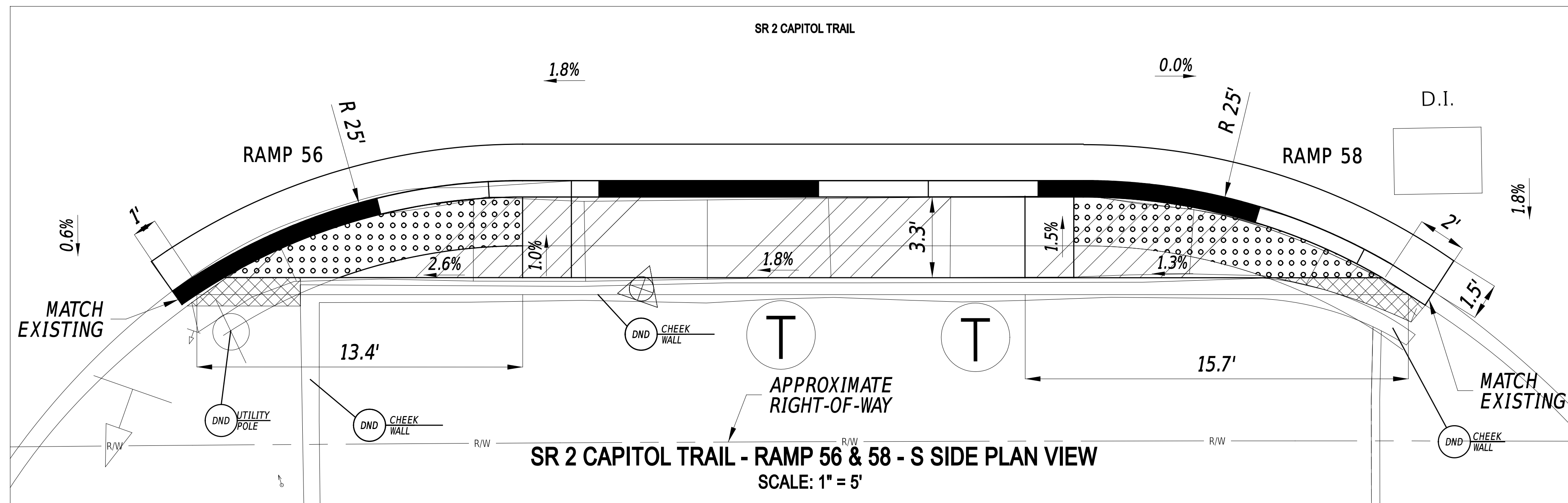
CONTRACT	BRIDGE NO.	<b>N/A</b>
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	Z. BRANDER
NEW CASTLE		

**CONSTRUCTION DETAILS**

SECTION	PAI
SHEET NO.	12

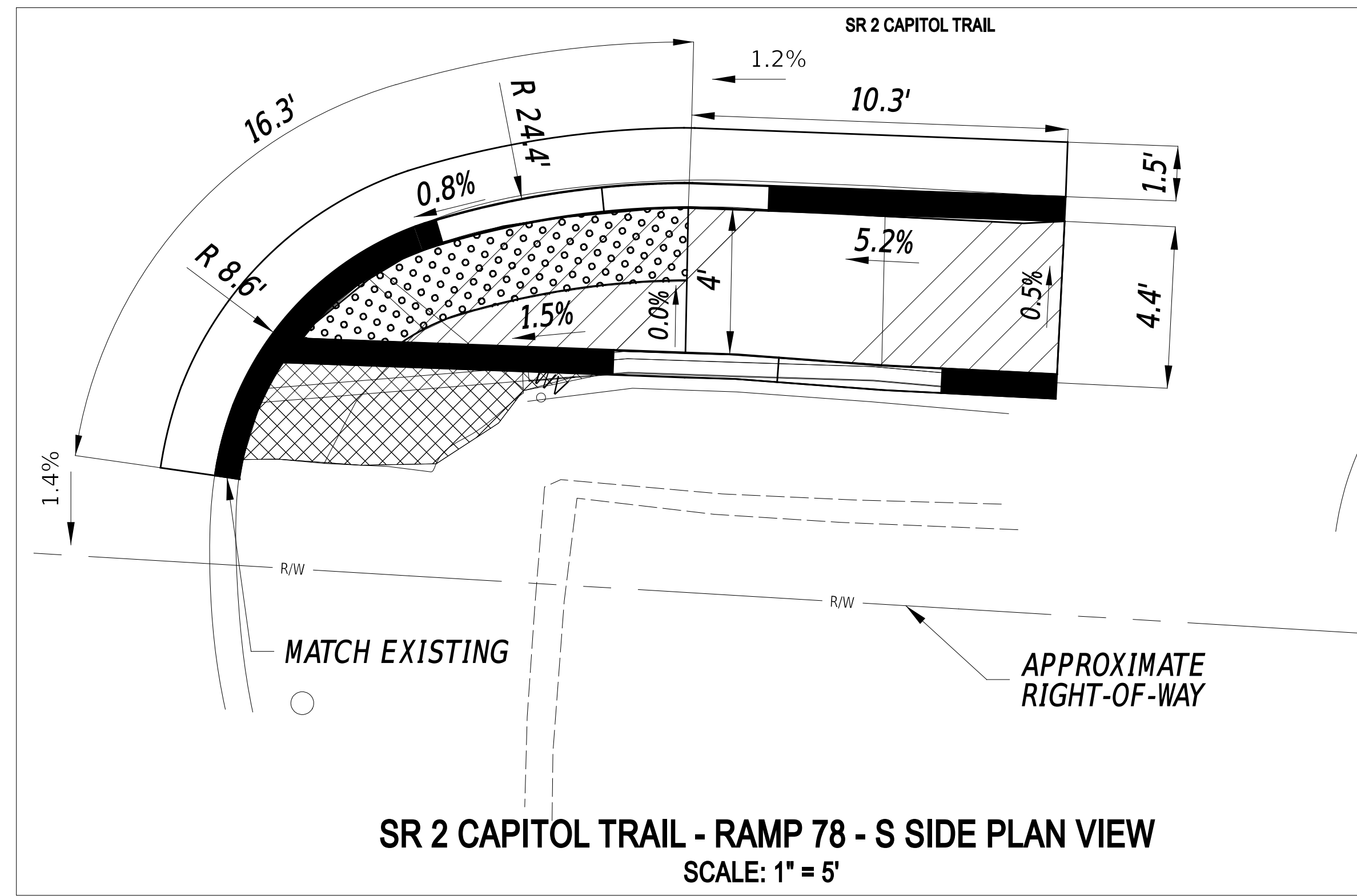






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ADDENDA / REVISIONS	SCALE AS NOTED	<b>PAVEMENT REHABILITATION,          NEW CASTLE 5A,          (KIRKWOOD HIGHWAY)</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">CONTRACT</td> <td style="font-size: small;">BRIDGE NO.</td> <td style="text-align: center;"><b>N/A</b></td> </tr> <tr> <td style="font-size: small;">T202506101</td> <td style="font-size: small;">DESIGNED BY:</td> <td>C. ZIVKOVICH</td> </tr> <tr> <td style="font-size: small;">COUNTY</td> <td style="font-size: small;">CHECKED BY:</td> <td>Z. BRANDER</td> </tr> <tr> <td style="font-size: small;">NEW CASTLE</td> <td></td> <td></td> </tr> </table>	CONTRACT	BRIDGE NO.	<b>N/A</b>	T202506101	DESIGNED BY:	C. ZIVKOVICH	COUNTY	CHECKED BY:	Z. BRANDER	NEW CASTLE			<b>CONSTRUCTION DETAILS</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: x-small;">SECTION</td> </tr> <tr> <td style="font-size: x-small;">PAI</td> </tr> <tr> <td style="font-size: x-small;">SHEET NO.</td> </tr> <tr> <td style="text-align: center;">15</td> </tr> </table>	SECTION	PAI	SHEET NO.	15
CONTRACT	BRIDGE NO.	<b>N/A</b>																			
T202506101	DESIGNED BY:	C. ZIVKOVICH																			
COUNTY	CHECKED BY:	Z. BRANDER																			
NEW CASTLE																					
SECTION																					
PAI																					
SHEET NO.																					
15																					



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ADDENDA / REVISIONS	

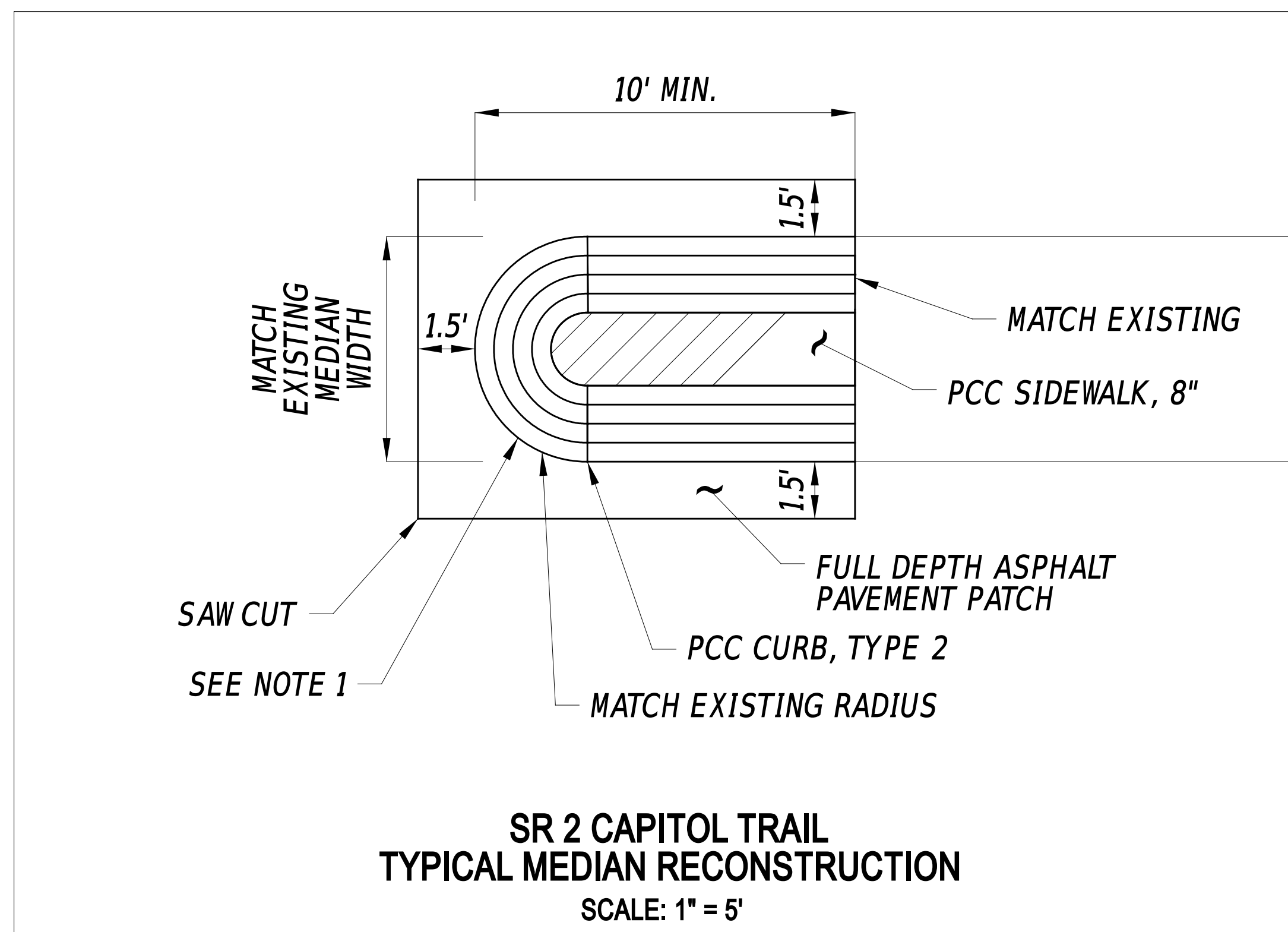
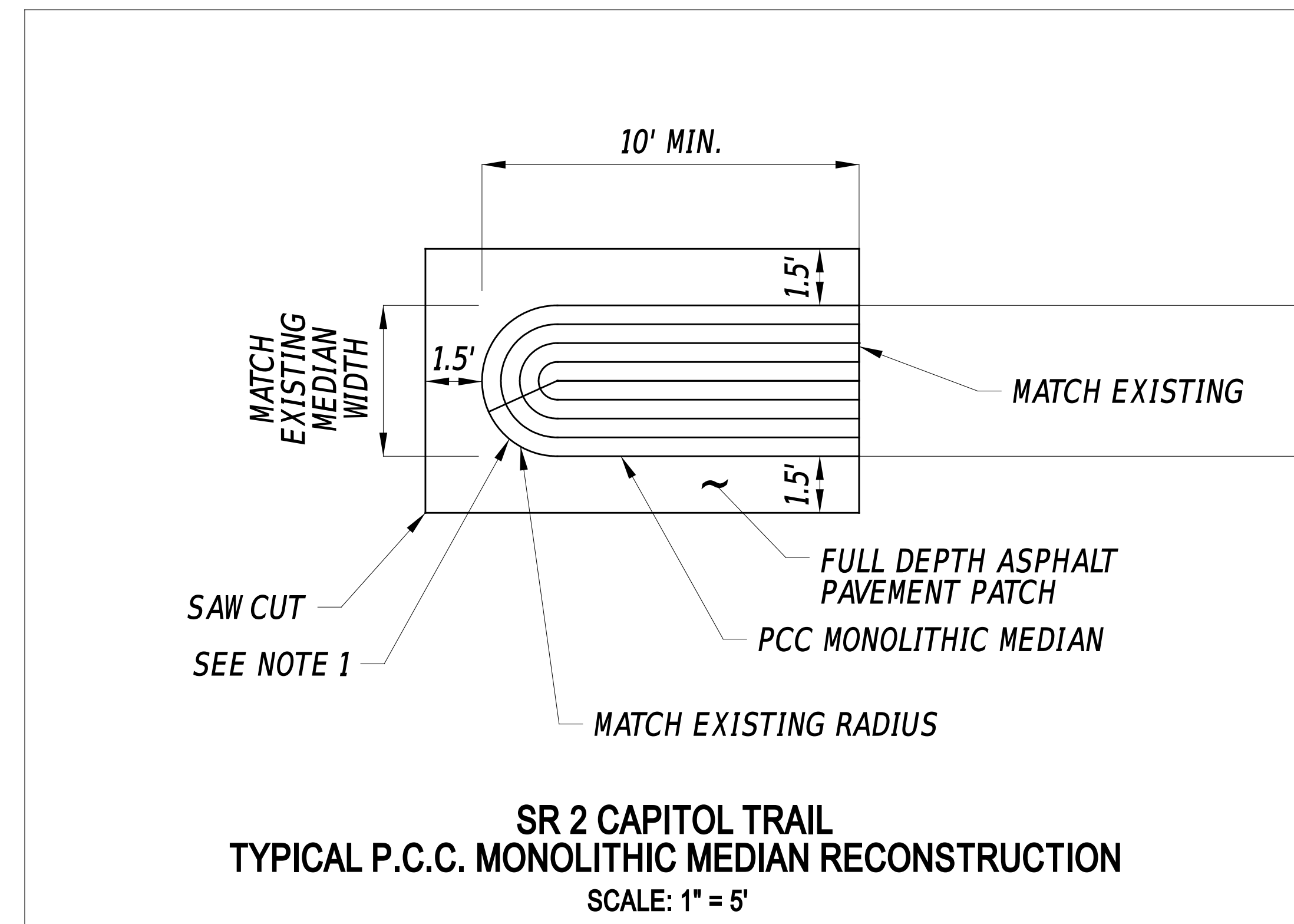
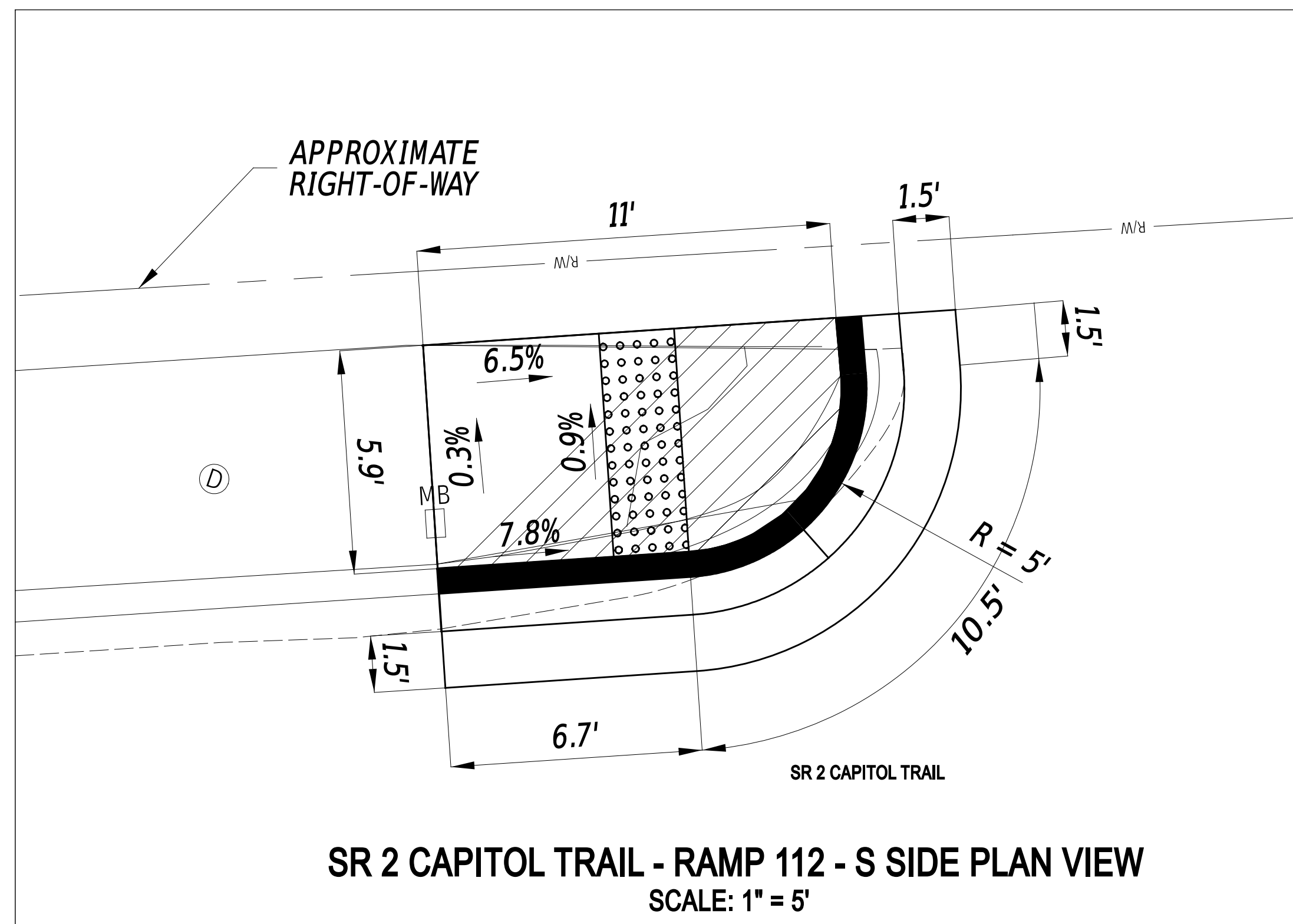
SCALE AS NOTED

**PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	<b>N/A</b>
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	Z. BRANDER
NEW CASTLE		

**CONSTRUCTION DETAILS**

SECTION
PAI
SHEET NO.
16



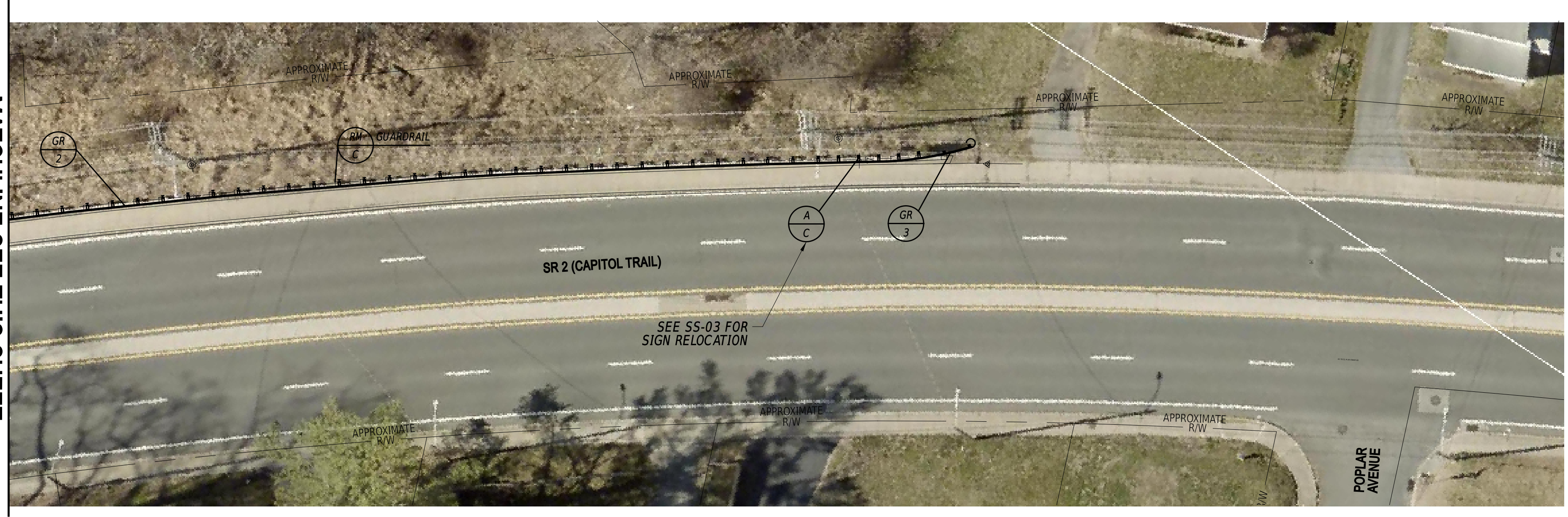
NOTE:  
1. CONTRACTOR SHALL RECONSTRUCT NOSE MEDIANS AT THE LOCATIONS SHOWN ON THE INDEX OF SHEETS AND IN ACCORDANCE WITH DELDOT STANDARD CONSTRUCTION DETAIL C-1: TYPICAL TAPER SECTION AT NOSE OF MEDIANS.

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ADDENDA / REVISIONS		SCALE AS NOTED	PAVEMENT REHABILITATION, NEW CASTLE 5A, (KIRKWOOD HIGHWAY)	CONTRACT	BRIDGE NO.	N/A	CONSTRUCTION DETAILS	SECTION
				T202506101	DESIGNED BY:	C. ZIVKOVICH		PAI
		NEW CASTLE	CHECKED BY:	Z. BRANDER		SHEET NO.		17



MATCHLINE SEE THIS SHEET



MATCHLINE SEE THIS SHEET

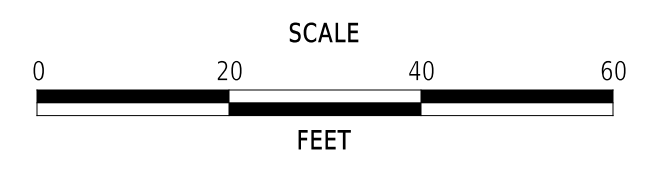
**GUARDRAIL SCHEDULE**

NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
1	END ANCHORAGE 31 (ITEM 721006)	N/A	N/A	15 LF
2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31 (ITEM 720021)	N/A	N/A	724 LF
3	GUARDRAIL END TREATMENT, TYPE 2-31, TEST LEVEL 3 (ITEM 721003)	N/A	N/A	50 LF

**NOTES**

- REMOVE GUARDRAIL UNDER ITEM 211002. REPLACE GUARDRAIL IN ACCORDANCE WITH THE GUARDRAIL SCHEDULE AND IN CONFORMANCE WITH THE CURRENT DELDOT STANDARD CONSTRUCTION DETAILS. CONSTRUCTION ACTIVITIES SHALL BE MANAGED IN SUCH A MANNER THAT EXISTING GUARDRAIL FOR A GIVEN SEGMENT SHALL BE REMOVED AND COMPLETELY REPLACED WITH NEW GUARDRAIL AT THE END OF EACH WORK DAY. NO AREA SHALL BE LEFT UNPROTECTED AFTER WORK HOURS.
- REMOVE BITUMINOUS SECTION OF EXISTING MAINTENANCE PAVEMENT (ITEM 202000). MAINTAIN EXISTING GABC AND INSTALL NEW BITUMINOUS SURFACE FOR MAINTENANCE PAVEMENT IN ACCORDANCE WITH MAINTENANCE PAVEMENT DETAIL BEHIND CURB.
- THE POSTED SPEED LIMIT IS 35 MPH ON SR 2 CAPITOL TRAIL.

ADDENDA / REVISIONS



**PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

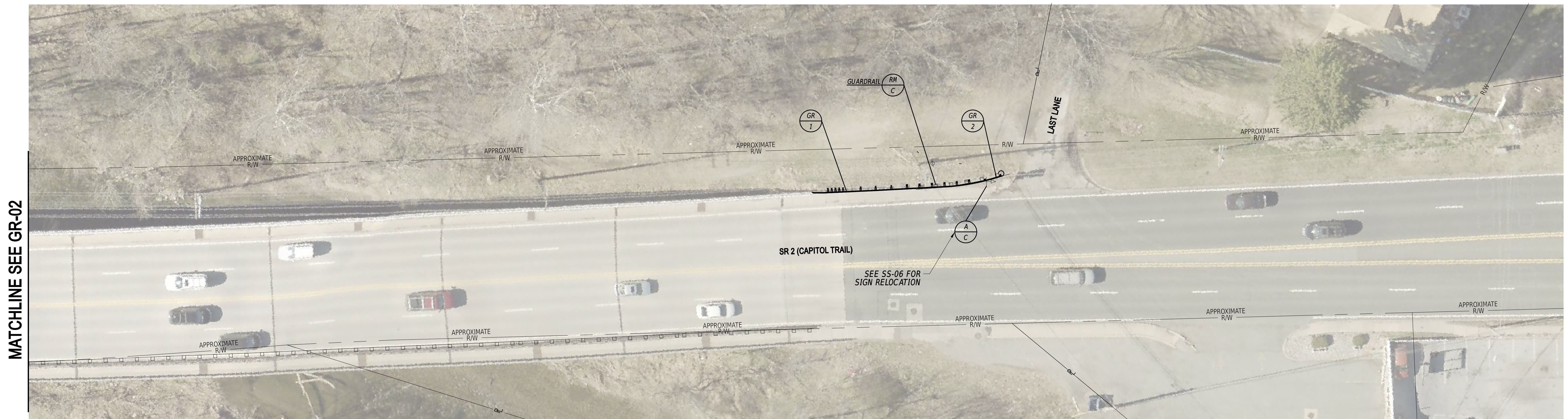
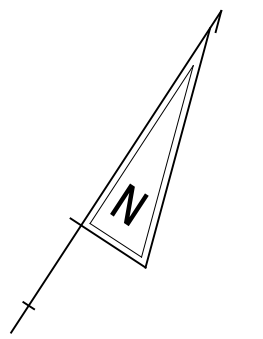
CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	O. GREEN
NEW CASTLE		

**GUARDRAIL  
CONSTRUCTION PLAN**

SECTION
PAI
SHEET NO.
18

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GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
1	GUARDRAIL TO BARRIER CONNECTION - APPROACH TYPE 1-31 (ITEM 721010)	N/A	N/A	26 LF
2	GUARDRAIL END TREATMENT, TYPE 2-31, TEST LEVEL 3 (ITEM 721003)	N/A	N/A	50 LF

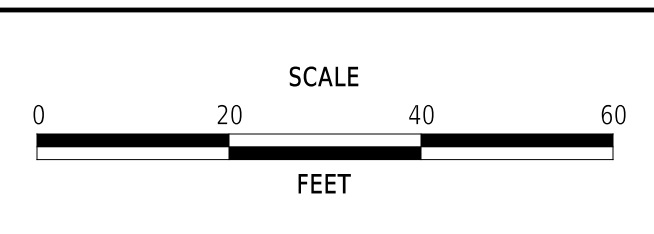


**NOTES**

1. REMOVE GUARDRAIL UNDER ITEM 211002. REPLACE GUARDRAIL IN ACCORDANCE WITH THE GUARDRAIL SCHEDULE AND IN CONFORMANCE WITH THE CURRENT DELDOT STANDARD CONSTRUCTION DETAILS. CONSTRUCTION ACTIVITIES SHALL BE MANAGED IN SUCH A MANNER THAT EXISTING GUARDRAIL FOR A GIVEN SEGMENT SHALL BE REMOVED AND COMPLETELY REPLACED WITH NEW GUARDRAIL AT THE END OF EACH WORK DAY. NO AREA SHALL BE LEFT UNPROTECTED AFTER WORK HOURS.
2. REMOVE BITUMINOUS SECTION OF EXISTING MAINTENANCE PAVEMENT (ITEM 202000). MAINTAIN EXISTING GABC AND INSTALL NEW BITUMINOUS SURFACE FOR MAINTENANCE PAVEMENT IN ACCORDANCE WITH MAINTENANCE PAVEMENT DETAIL BEHIND CURB.
3. THE POSTED SPEED LIMIT IS 35 MPH ON SR 2 CAPITOL TRAIL.

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ADDENDA / REVISIONS

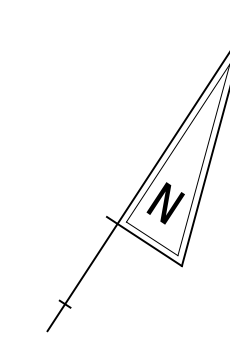


**PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	<b>N/A</b>
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	O. GREEN
NEW CASTLE		

<b>GUARDRAIL CONSTRUCTION PLAN</b>	SECTION
	PAI
	SHEET NO.
	19

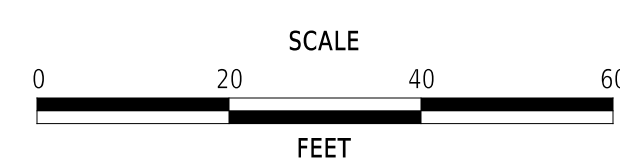
GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
1	GUARDRAIL TO BARRIER CONNECTION - APPROACH TYPE 1-31 (ITEM 721010)	N/A	N/A	14 LF
2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31 (ITEM 720021)	N/A	N/A	38 LF
3	GUARDRAIL END TREATMENT, TYPE 1-31, TEST LEVEL 2 (ITEM 721000)	N/A	N/A	55 LF



**NOTES**

1. REMOVE GUARDRAIL UNDER ITEM 211002. REPLACE GUARDRAIL IN ACCORDANCE WITH THE GUARDRAIL SCHEDULE AND IN CONFORMANCE WITH THE CURRENT DELDOT STANDARD CONSTRUCTION DETAILS. CONSTRUCTION ACTIVITIES SHALL BE MANAGED IN SUCH A MANNER THAT EXISTING GUARDRAIL FOR A GIVEN SEGMENT SHALL BE REMOVED AND COMPLETELY REPLACED WITH NEW GUARDRAIL AT THE END OF EACH WORK DAY. NO AREA SHALL BE LEFT UNPROTECTED AFTER WORK HOURS.
2. REMOVE BITUMINOUS SECTION OF EXISTING MAINTENANCE PAVEMENT (ITEM 202000). MAINTAIN EXISTING GABC AND INSTALL NEW BITUMINOUS SURFACE FOR MAINTENANCE PAVEMENT IN ACCORDANCE WITH MAINTENANCE PAVEMENT DETAIL BEHIND CURB.
3. THE POSTED SPEED LIMIT IS 35 MPH ON SR 2 CAPITOL TRAIL.

ADDENDA / REVISIONS



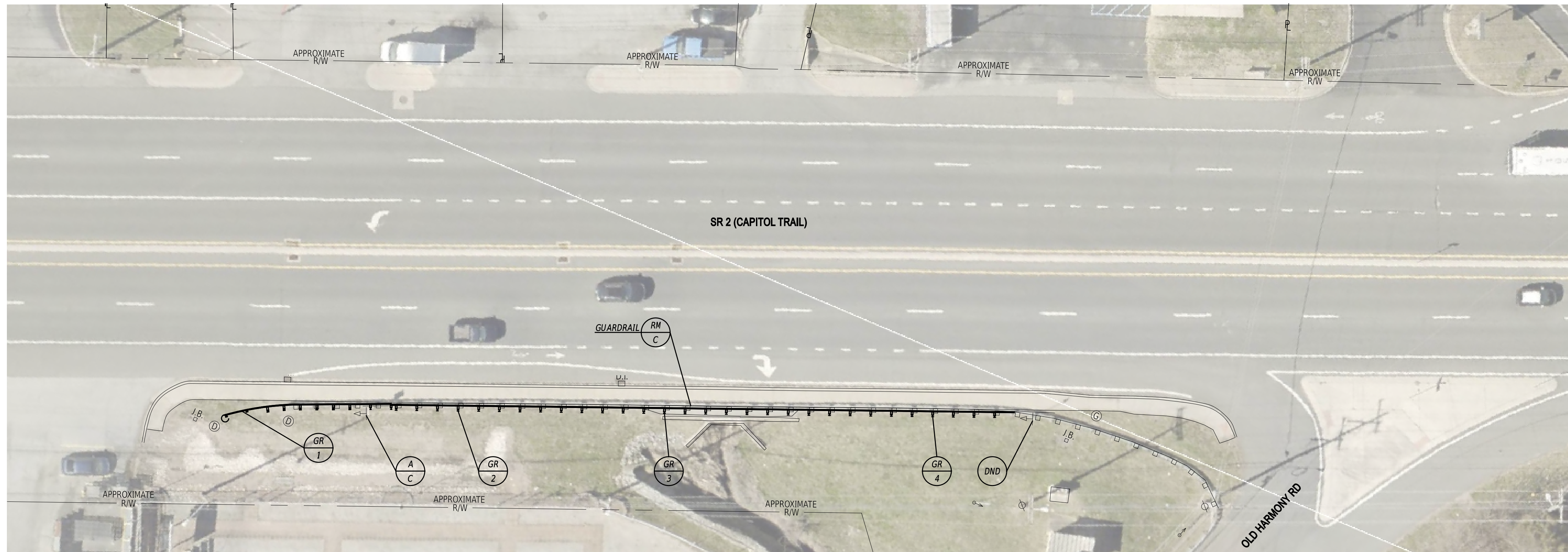
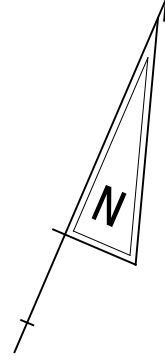
**PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	<b>N/A</b>
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	O. GREEN
NEW CASTLE		

**GUARDRAIL  
CONSTRUCTION PLAN**

SECTION
PAI
SHEET NO.
20

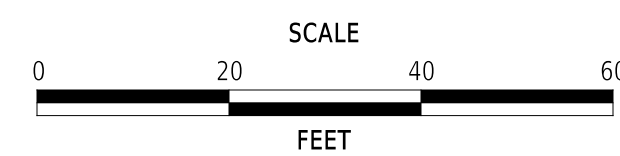
GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
1	GUARDRAIL END TREATMENT, TYPE 2-31, TEST LEVEL 3 (ITEM 721003)	N/A	N/A	50 LF
2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31 (ITEM 720021)	N/A	N/A	68 LF
3	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31, STEEP SLOPE (ITEM 720037)	N/A <td N/A	69 LF	
4	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31 (ITEM 720021)	N/A	N/A	53 LF



**NOTES**

1. REMOVE GUARDRAIL UNDER ITEM 211002. REPLACE GUARDRAIL IN ACCORDANCE WITH THE GUARDRAIL SCHEDULE AND IN CONFORMANCE WITH THE CURRENT DELDOT STANDARD CONSTRUCTION DETAILS. CONSTRUCTION ACTIVITIES SHALL BE MANAGED IN SUCH A MANNER THAT EXISTING GUARDRAIL FOR A GIVEN SEGMENT SHALL BE REMOVED AND COMPLETELY REPLACED WITH NEW GUARDRAIL AT THE END OF EACH WORK DAY. NO AREA SHALL BE LEFT UNPROTECTED AFTER WORK HOURS.
2. REMOVE BITUMINOUS SECTION OF EXISTING MAINTENANCE PAVEMENT (ITEM 202000). MAINTAIN EXISTING GABC AND INSTALL NEW BITUMINOUS SURFACE FOR MAINTENANCE PAVEMENT IN ACCORDANCE WITH MAINTENANCE PAVEMENT DETAIL BEHIND CURB.
3. THE POSTED SPEED LIMIT IS 45 MPH ON SR 2 CAPITOL TRAIL.

ADDENDA / REVISIONS

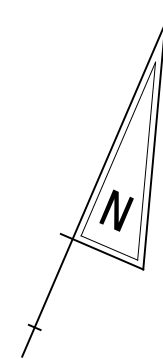


**PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

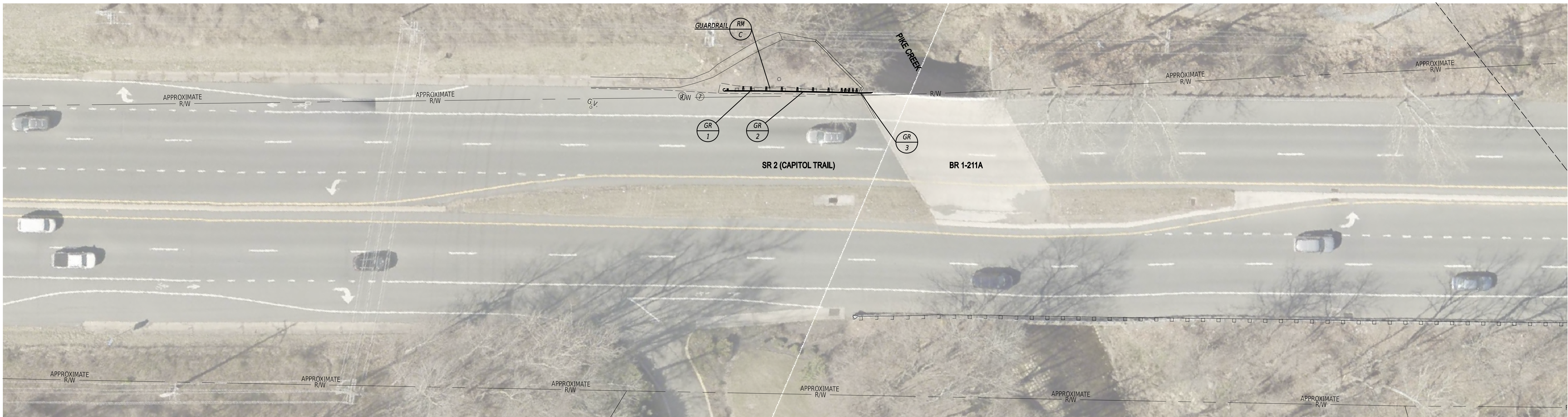
CONTRACT	BRIDGE NO.	<b>N/A</b>
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	O. GREEN
NEW CASTLE		

**GUARDRAIL  
CONSTRUCTION PLAN**

SECTION
PAI
SHEET NO.
21



GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
1	END ANCHORAGE 31 (ITEM 721006)	N/A	N/A	15 LF
2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31 (ITEM 720021)	N/A	N/A	32 LF
3	GUARDRAIL TO BARRIER CONNECTION - APPROACH TYPE 1-31 (ITEM 721010)	N/A	N/A	13 LF



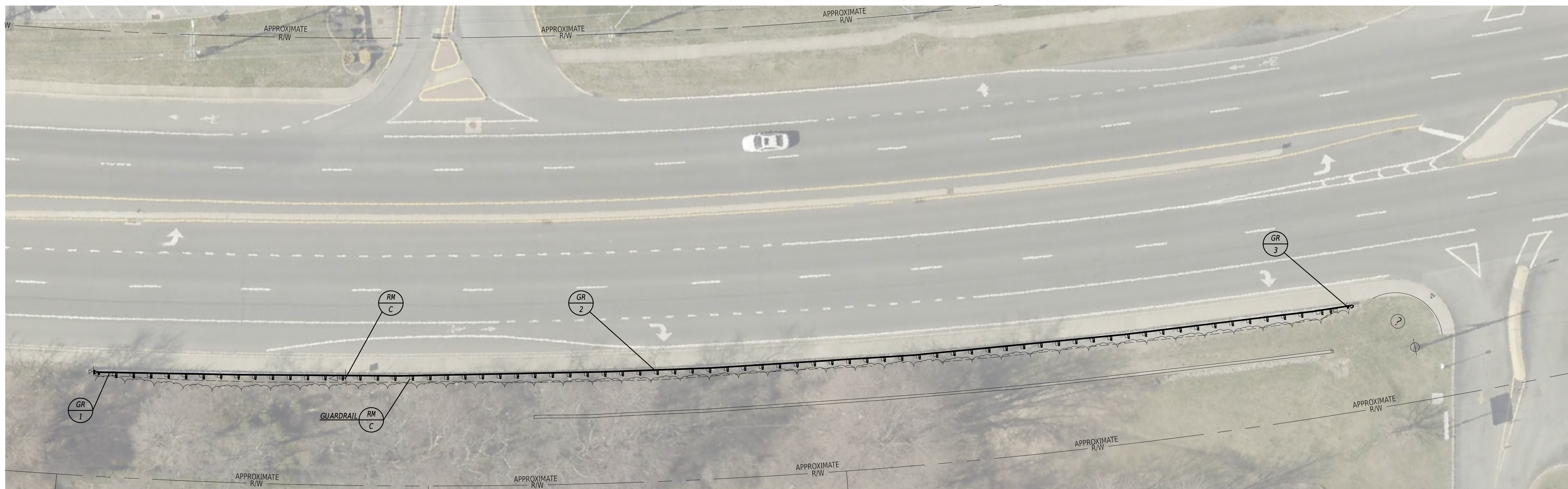
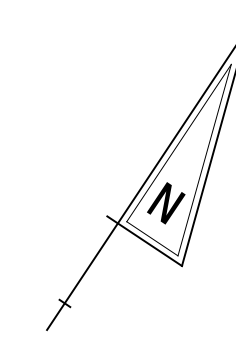
**NOTES**

1. REMOVE GUARDRAIL UNDER ITEM 211002. REPLACE GUARDRAIL IN ACCORDANCE WITH THE GUARDRAIL SCHEDULE AND IN CONFORMANCE WITH THE CURRENT DELDOT STANDARD CONSTRUCTION DETAILS. CONSTRUCTION ACTIVITIES SHALL BE MANAGED IN SUCH A MANNER THAT EXISTING GUARDRAIL FOR A GIVEN SEGMENT SHALL BE REMOVED AND COMPLETELY REPLACED WITH NEW GUARDRAIL AT THE END OF EACH WORK DAY. NO AREA SHALL BE LEFT UNPROTECTED AFTER WORK HOURS.
2. REMOVE BITUMINOUS SECTION OF EXISTING MAINTENANCE PAVEMENT (ITEM 202000). MAINTAIN EXISTING GABC AND INSTALL NEW BITUMINOUS SURFACE FOR MAINTENANCE PAVEMENT IN ACCORDANCE WITH MAINTENANCE PAVEMENT DETAIL BEHIND CURB.
3. THE POSTED SPEED LIMIT IS 45 MPH ON SR 2 CAPITOL TRAIL.

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ADDENDA / REVISIONS			<b>PAVEMENT REHABILITATION, NEW CASTLE 5A, (KIRKWOOD HIGHWAY)</b>	CONTRACT	BRIDGE NO.	<b>1-211A</b>	<b>GUARDRAIL CONSTRUCTION PLAN</b>	SECTION
				T202506101	DESIGNED BY:	C. ZIVKOVICH		PAI
		NEW CASTLE	CHECKED BY:	O. GREEN	SHEET NO.	22		

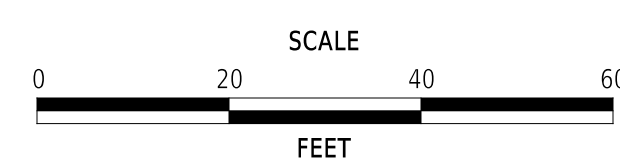
GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
1	GUARDRAIL END TREATMENT, TYPE 1-31, TEST LEVEL 3 (ITEM 721001)	N/A	N/A	50 LF
2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31 (ITEM 720021)	N/A	N/A	385 LF
3	END ANCHORAGE 31 (ITEM 721006)	N/A	N/A	15 LF



**NOTES**

1. REMOVE GUARDRAIL UNDER ITEM 211002. REPLACE GUARDRAIL IN ACCORDANCE WITH THE GUARDRAIL SCHEDULE AND IN CONFORMANCE WITH THE CURRENT DELDOT STANDARD CONSTRUCTION DETAILS. CONSTRUCTION ACTIVITIES SHALL BE MANAGED IN SUCH A MANNER THAT EXISTING GUARDRAIL FOR A GIVEN SEGMENT SHALL BE REMOVED AND COMPLETELY REPLACED WITH NEW GUARDRAIL AT THE END OF EACH WORK DAY. NO AREA SHALL BE LEFT UNPROTECTED AFTER WORK HOURS.
2. REMOVE BITUMINOUS SECTION OF EXISTING MAINTENANCE PAVEMENT (ITEM 202000). MAINTAIN EXISTING GABC AND INSTALL NEW BITUMINOUS SURFACE FOR MAINTENANCE PAVEMENT IN ACCORDANCE WITH MAINTENANCE PAVEMENT DETAIL BEHIND CURB.
3. THE POSTED SPEED LIMIT IS 45 MPH ON SR 2 CAPITOL TRAIL.

ADDENDA / REVISIONS



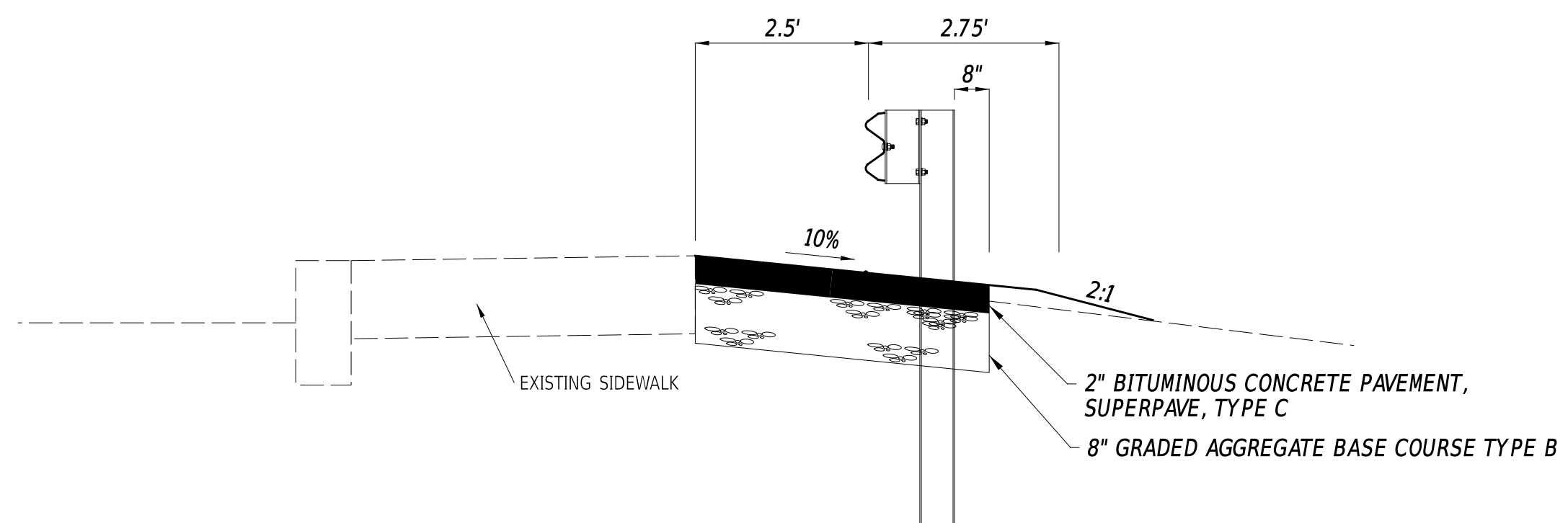
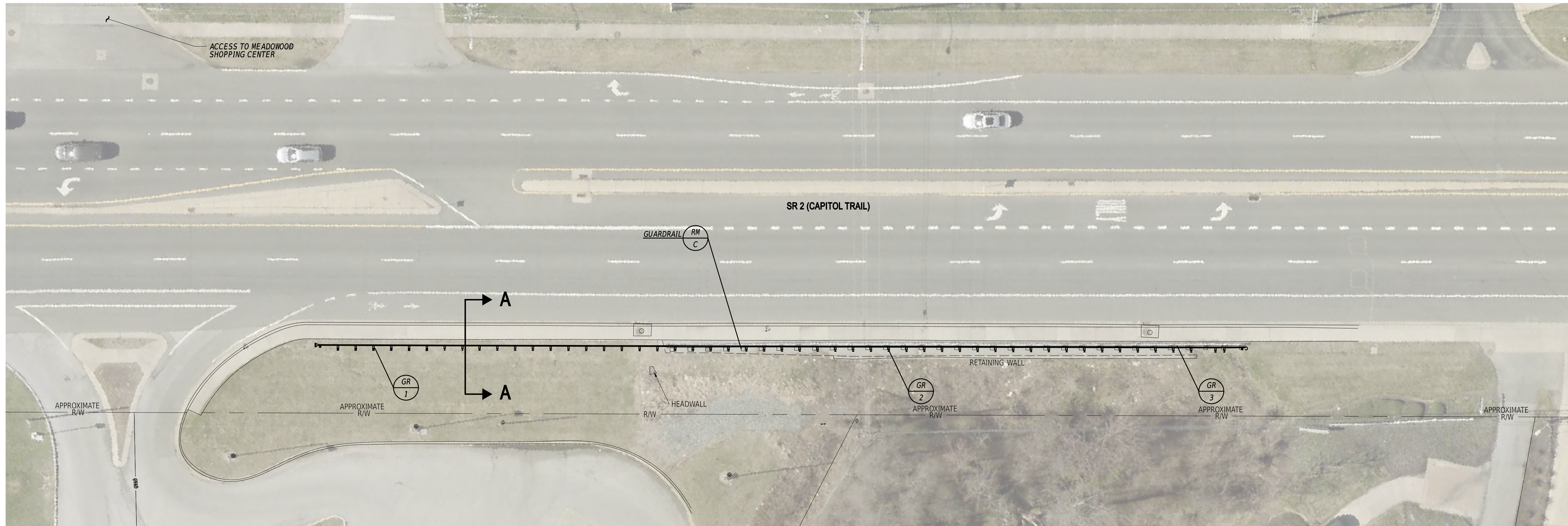
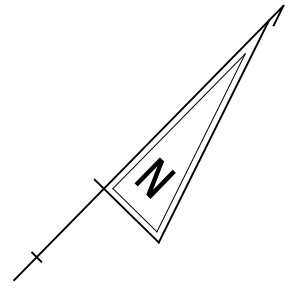
**PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	<b>N/A</b>
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	O. GREEN
NEW CASTLE		

**GUARDRAIL  
CONSTRUCTION PLAN**

SECTION	PAI
SHEET NO.	23

GUARDRAIL SCHEDULE				
NO.	ITEM DESCRIPTION / TYPE	BEGIN STA.	OFFSET	LENGTH
1	GUARDRAIL END TREATMENT, TYPE 1-31, TEST LEVEL 3 (ITEM 721001)	N/A	N/A	50 LF
2	GALVANIZED STEEL BEAM GUARDRAIL, TYPE 1-31 (ITEM 720021)	N/A	N/A	261 LF
3	END ANCHORAGE 31 (ITEM 721006)	N/A	N/A	15 LF

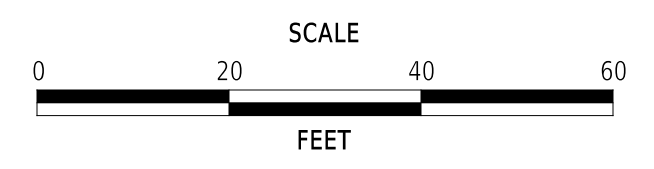


**SECTION A-A**  
NOT TO SCALE

**NOTES**

1. REMOVE GUARDRAIL UNDER ITEM 211002. REPLACE GUARDRAIL IN ACCORDANCE WITH THE GUARDRAIL SCHEDULE AND IN CONFORMANCE WITH THE CURRENT DELDOT STANDARD CONSTRUCTION DETAILS. CONSTRUCTION ACTIVITIES SHALL BE MANAGED IN SUCH A MANNER THAT EXISTING GUARDRAIL FOR A GIVEN SEGMENT SHALL BE REMOVED AND COMPLETELY REPLACED WITH NEW GUARDRAIL AT THE END OF EACH WORK DAY. NO AREA SHALL BE LEFT UNPROTECTED AFTER WORK HOURS.
2. REMOVE BITUMINOUS SECTION OF EXISTING MAINTENANCE PAVEMENT (ITEM 202000). MAINTAIN EXISTING GABC AND INSTALL NEW BITUMINOUS SURFACE FOR MAINTENANCE PAVEMENT IN ACCORDANCE WITH MAINTENANCE PAVEMENT DETAIL BEHIND CURB.
3. THE POSTED SPEED LIMIT IS 45 MPH ON SR 2 CAPITOL TRAIL.

ADDENDA / REVISIONS



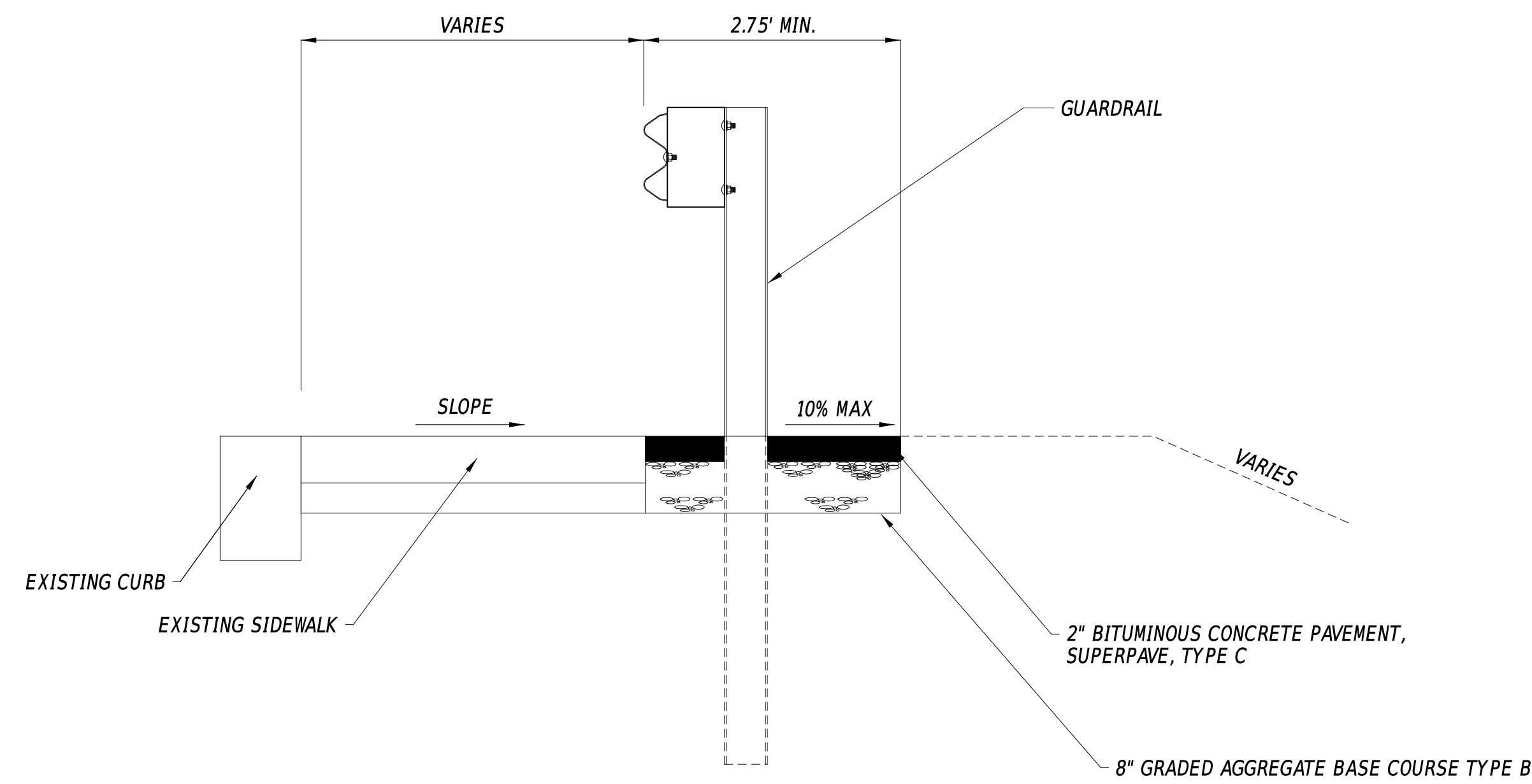
**PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	O. GREEN
NEW CASTLE		

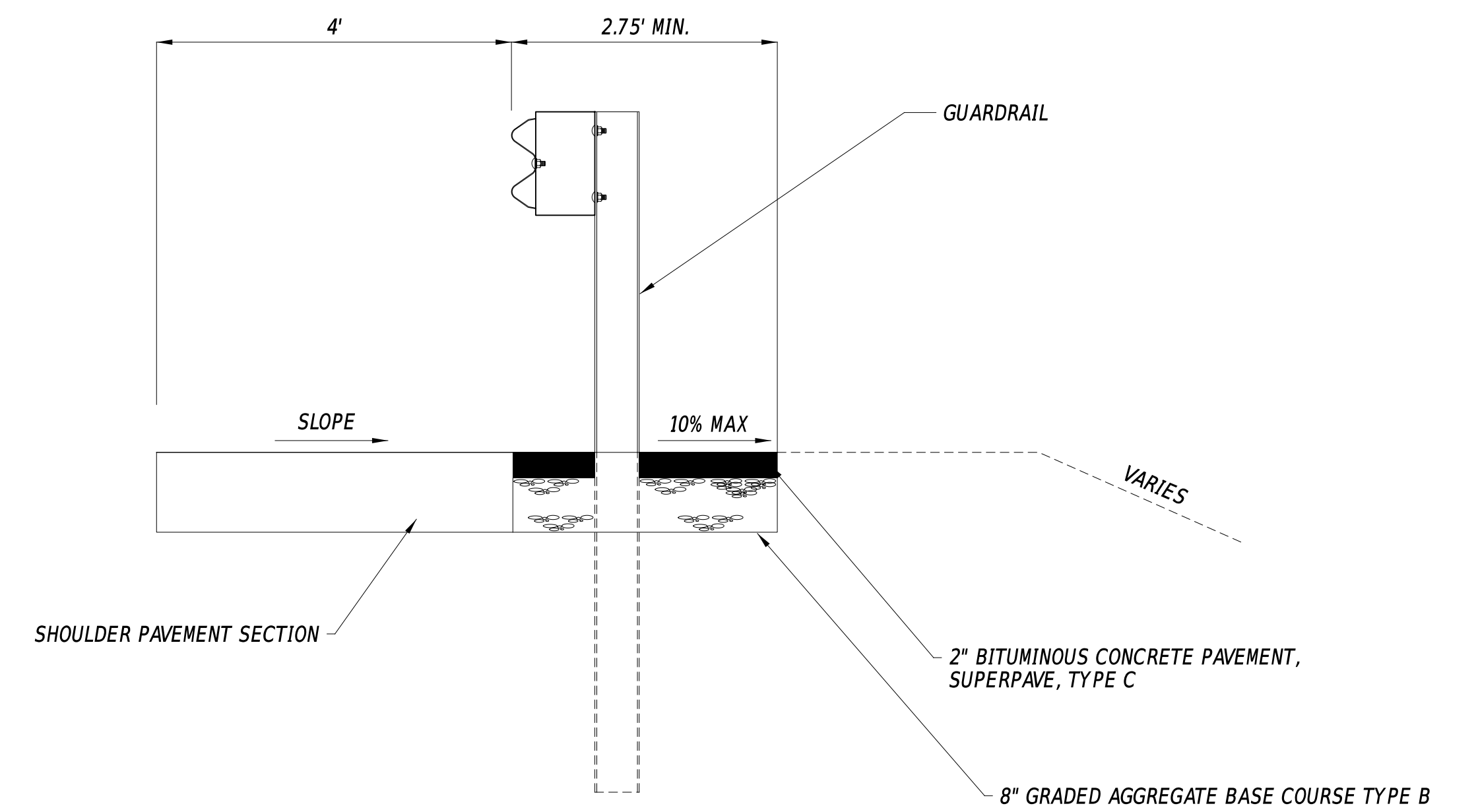
**GUARDRAIL  
CONSTRUCTION PLAN**

SECTION
PAI
SHEET NO.
24

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**BITUMINOUS CONCRETE MAINTENANCE STRIP DETAIL BEHIND CURB AND SIDEWALK**



**BITUMINOUS CONCRETE MAINTENANCE STRIP DETAIL WITHOUT CURB**

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NOT TO SCALE

PAVEMENT REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	O. GREEN
NEW CASTLE		

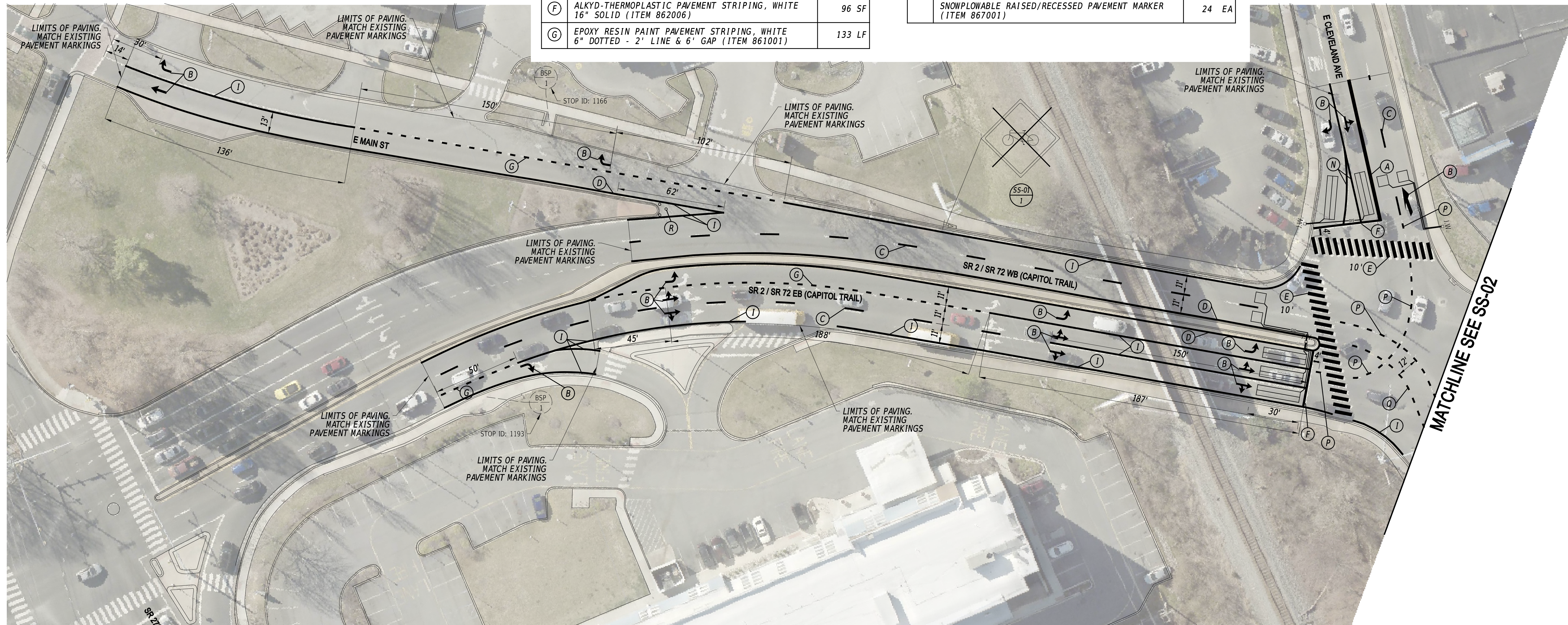
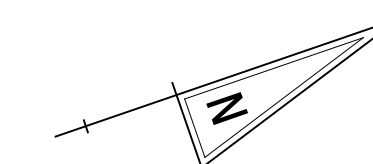
GUARDRAIL DETAILS

SECTION
PAI
SHEET NO.
25

EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1193	6	1	WITHOUT
1166	6	1	WITHOUT

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID DOUBLE LINE (ITEM 861001)	165 LF
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	302 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	211 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,234 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	760 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	96 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	133 LF

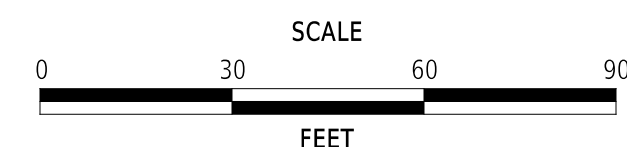
PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,473 LF
(N)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 861002)	126 LF
(P)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	47 LF
(Q)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, YELLOW 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	18 LF
(R)	FLEXIBLE DELINEATOR, WHITE, PERMANENT (ITEM 824003)	3 EA
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	24 EA



**NOTES**

1. THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

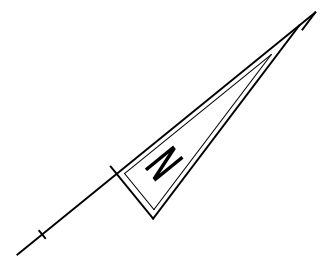
**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-01</b>
SECTION
PAI
SHEET NO.
26

EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1194	6	1	WITHOUT
1165	6	1	WITH

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	87 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	348 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,556 LF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	67 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	104 LF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,018 LF
(P)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	26 LF
(Q)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, YELLOW 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	2 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	29 EA



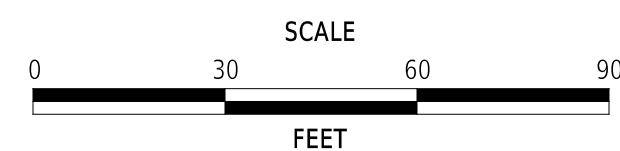
MATCHLINE SEE SS-01

MATCHLINE SEE SS-03

**NOTES**

1. THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

ADDENDA / REVISIONS



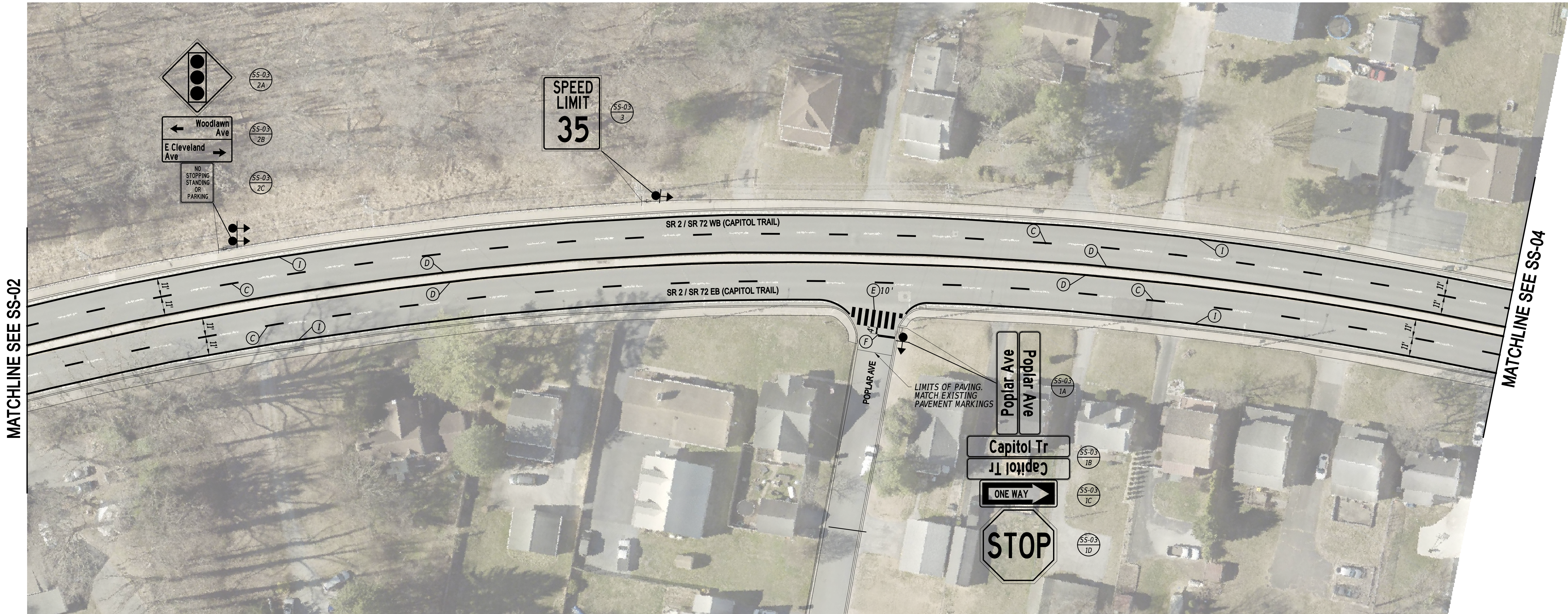
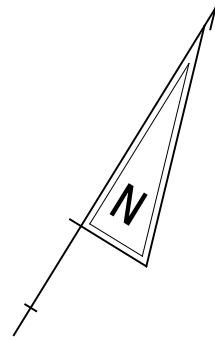
**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	<b>N/A</b>
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-02</b>
SECTION
PAI
SHEET NO.
27

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	439 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,752 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	160 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	13 SF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,723 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	22 EA



MATCHLINE SEE SS-02

MATCHLINE SEE SS-04

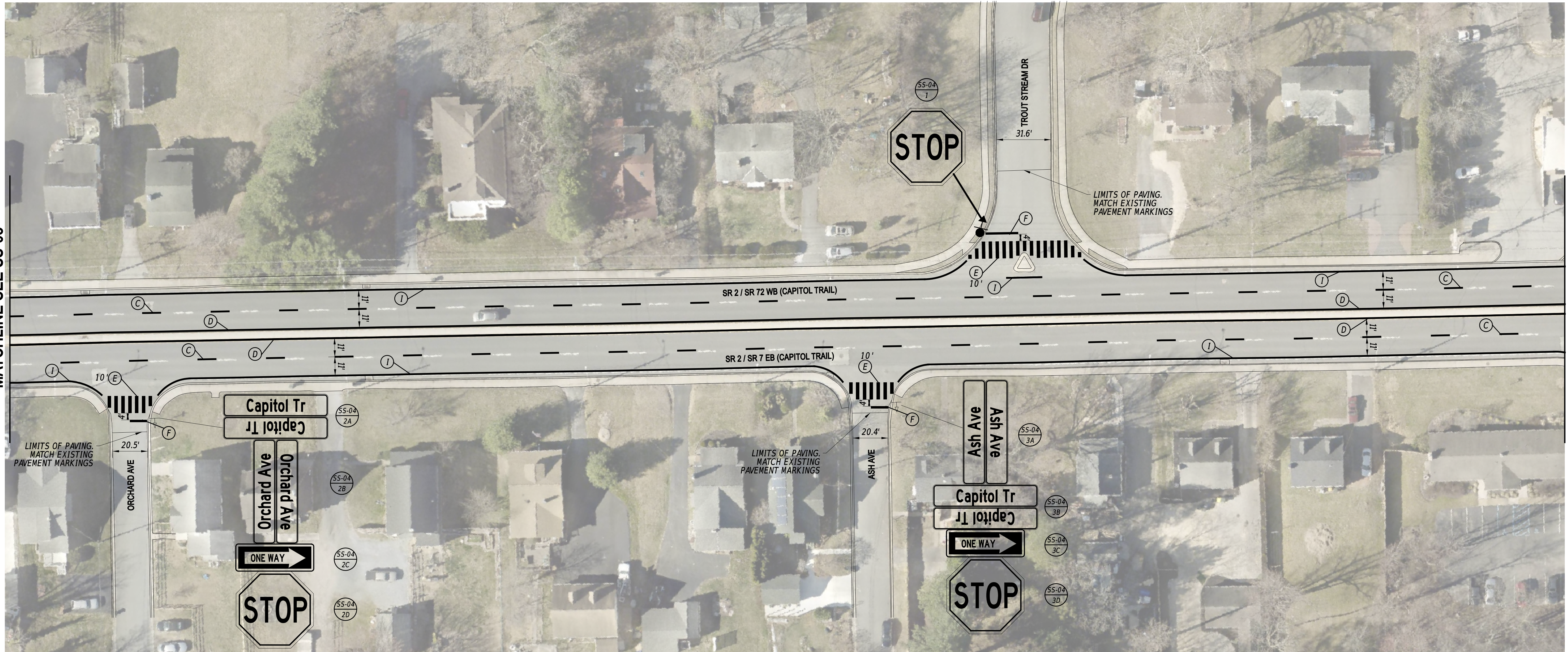
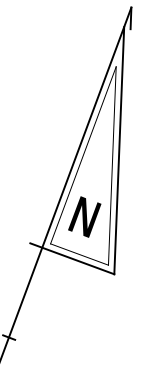
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ADDENDA / REVISIONS			<b>PAVEMENT &amp; REHABILITATION, NEW CASTLE 5A, (KIRKWOOD HIGHWAY)</b>	CONTRACT	BRIDGE NO.	N/A	<b>SIGNING, STRIPING AND CONDUIT PLAN</b>	SECTION
				T202506101	DESIGNED BY:			C. ZIVKOVICH
			COUNTY	CHECKED BY:	T. SCROCCA		SHEET NO.	
			NEW CASTLE				28	

SS-03

**PAVEMENT MARKINGS LEGEND**

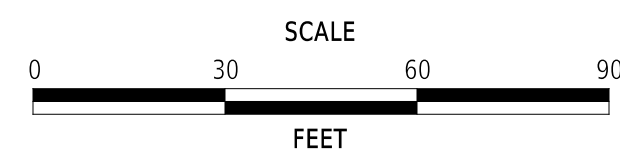
SYM	ITEM	QUANTITY
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	454 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,349 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	620 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	52 SF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,719 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	23 EA



MATCHLINE SEE SS-03

MATCHLINE SEE SS-05

ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	<b>N/A</b>
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

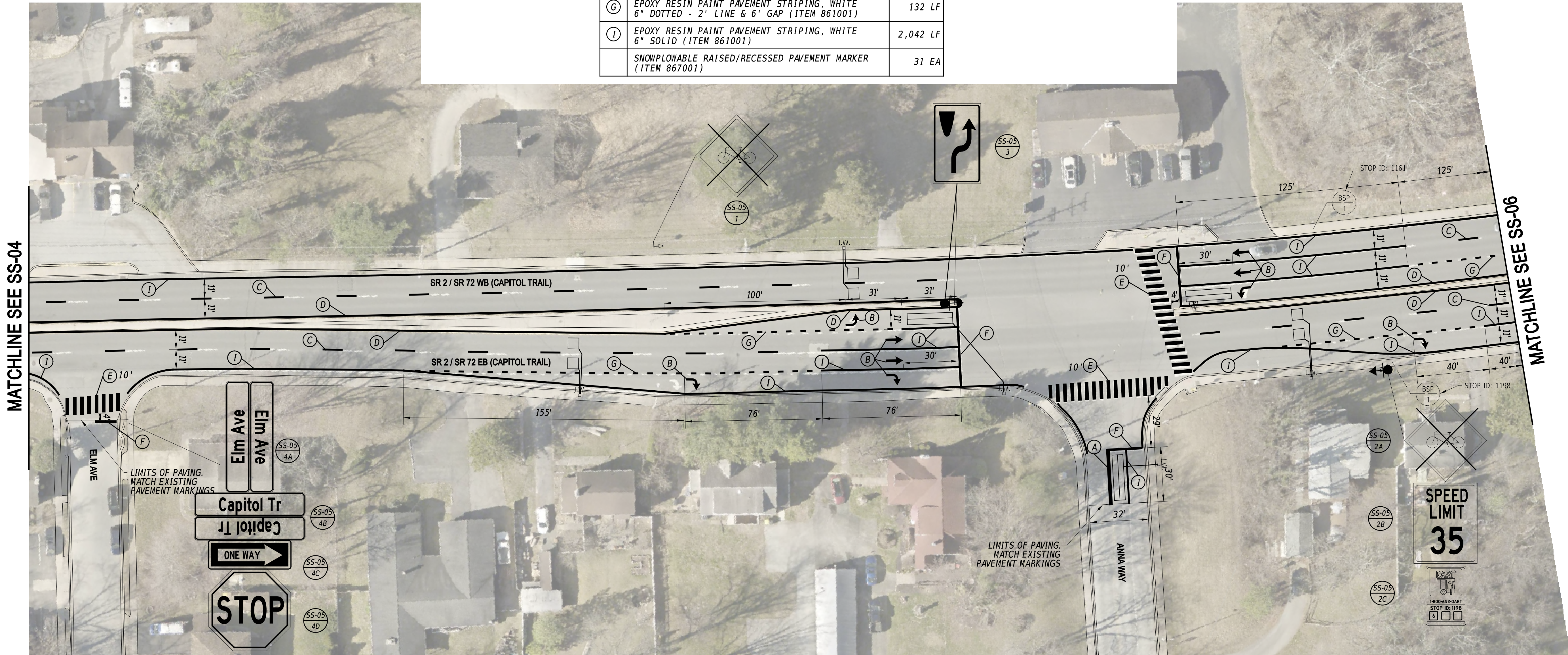
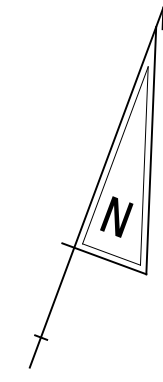
**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-04</b>
SECTION
PAI
SHEET NO.
29

21-JUL-2025 14:28 U:\Accounts\DETD\DEDOT3013 - FY 24 P&R Location Design AGR1955F Task\DESIGN\CT\GMIN\CS\SS\Sheets\SS04.dgn

EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1198	6	1	WITHOUT
1161	6	1	WITHOUT

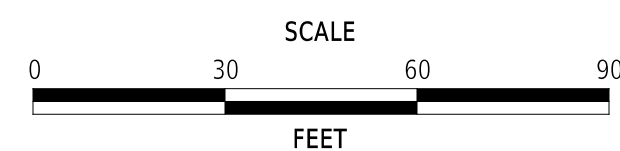
PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID DOUBLE LINE (ITEM 861001)	60 LF
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	128 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	295 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,394 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	860 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	146 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	132 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,042 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	31 EA



**NOTES**

1. THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

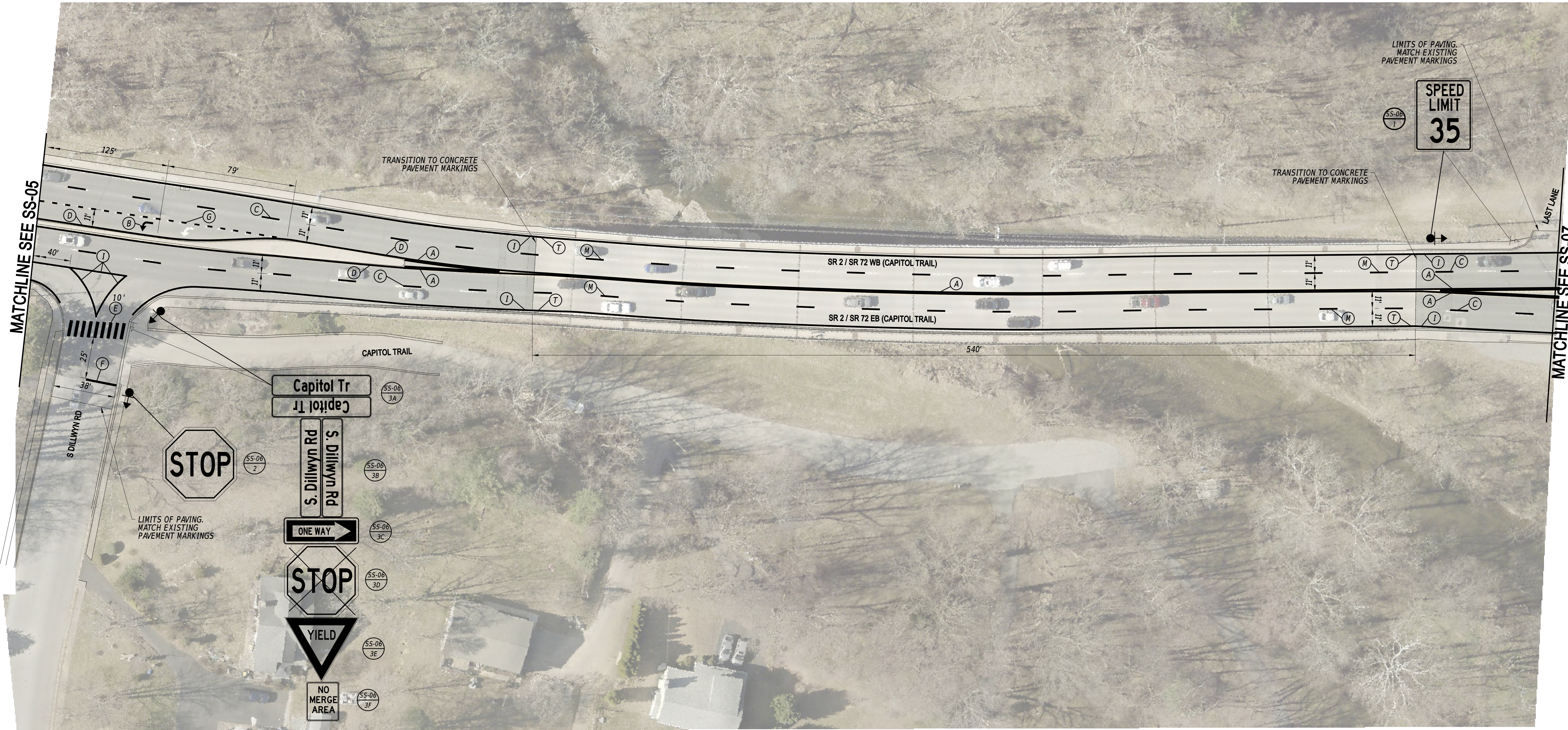
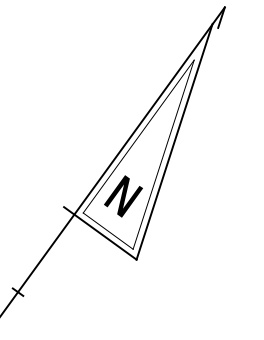
**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-05</b>
SECTION
PAI
SHEET NO.
30

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID DOUBLE LINE (ITEM 861001)	1,670 LF
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	16 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	196 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	454 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	180 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	25 SF

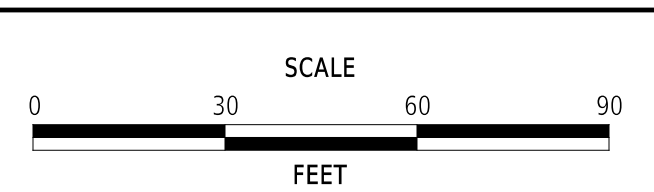
PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	38 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	873 LF
(M)	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 6" BROKEN - 10' LINE & 30' GAP (ITEM 861004)	270 LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	270 LF
(T)	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 3" SOLID (ITEM 861003)	1,079 LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,079 LF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	36 EA



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ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
 NEW CASTLE 5A,  
 (KIRKWOOD HIGHWAY)**

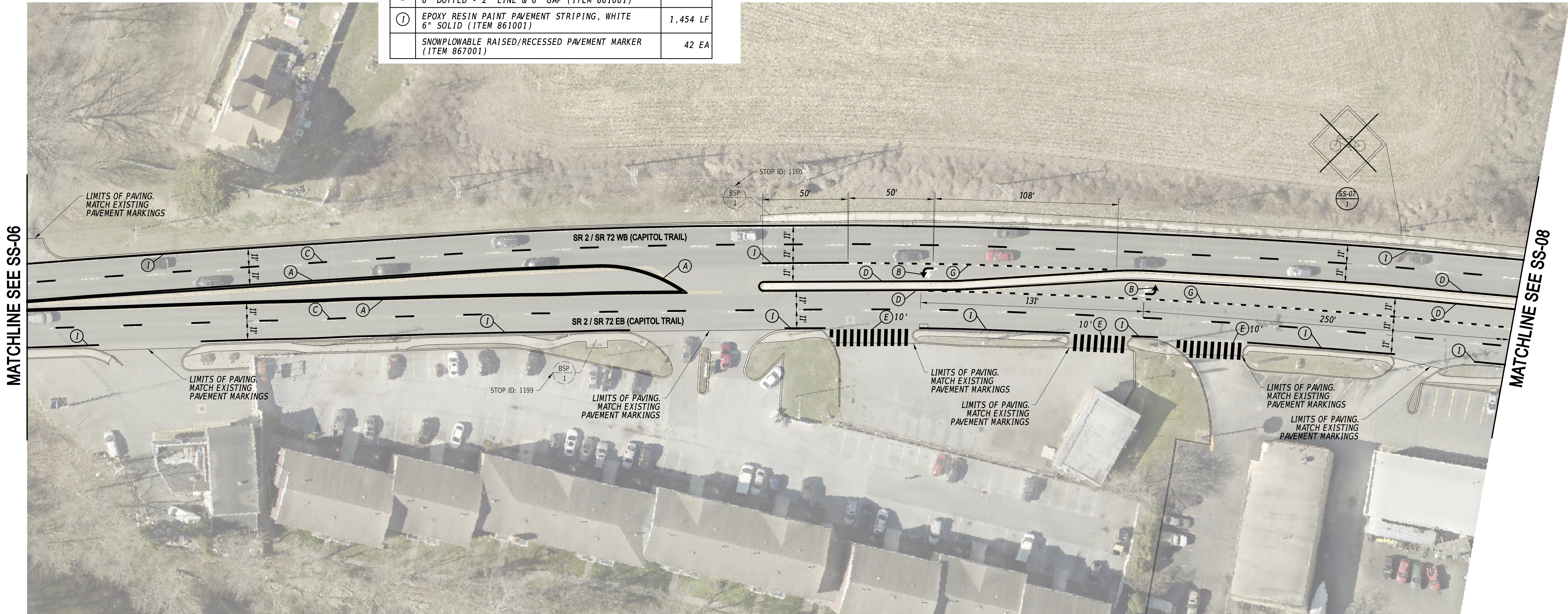
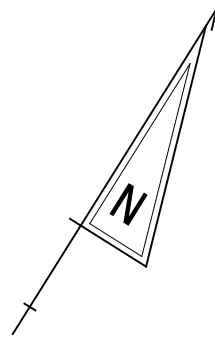
CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

**SIGNING, STRIPING  
 AND CONDUIT PLAN**

<b>SS-06</b>
SECTION
PAI
SHEET NO.
31

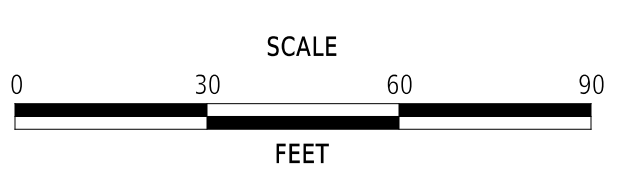
EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1199	6	1	WITHOUT
1160	6	1	WITHOUT

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID DOUBLE LINE (ITEM 861001)	1,561 LF
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	31 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	438 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	891 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	600 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	126 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,454 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	42 EA



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ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

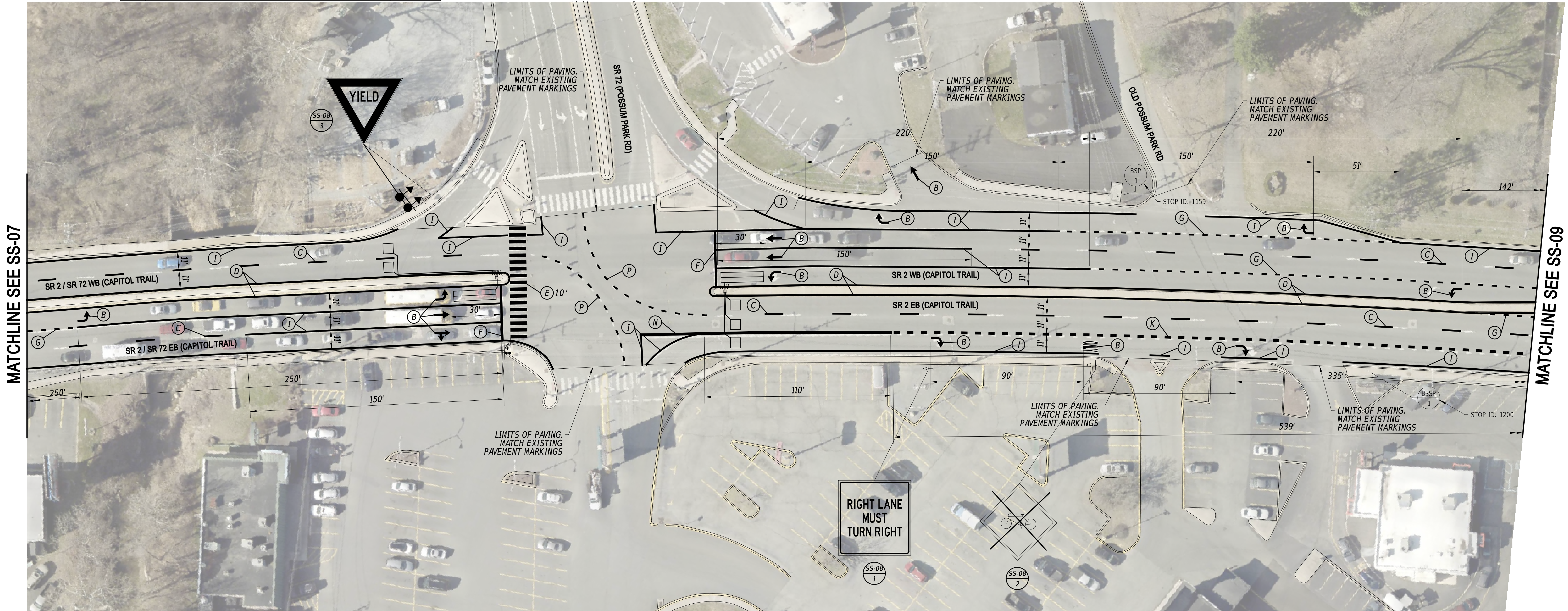
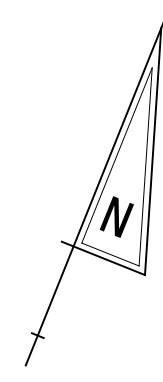
**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-07</b>
SECTION
PAI
SHEET NO.
32

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	217 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	307 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,552 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	340 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	88 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	124 LF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,517 LF
(K)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" DOTTED - 2' LINE & 6' GAP (ITEM 861002)	94 LF
(N)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 861002)	147 LF
(P)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	51 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	34 EA

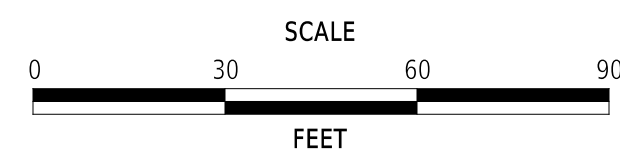
EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1200	6	1	WITH
1159	6	1	WITHOUT



**NOTES**

1. THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

**SIGNING, STRIPING  
AND CONDUIT PLAN**

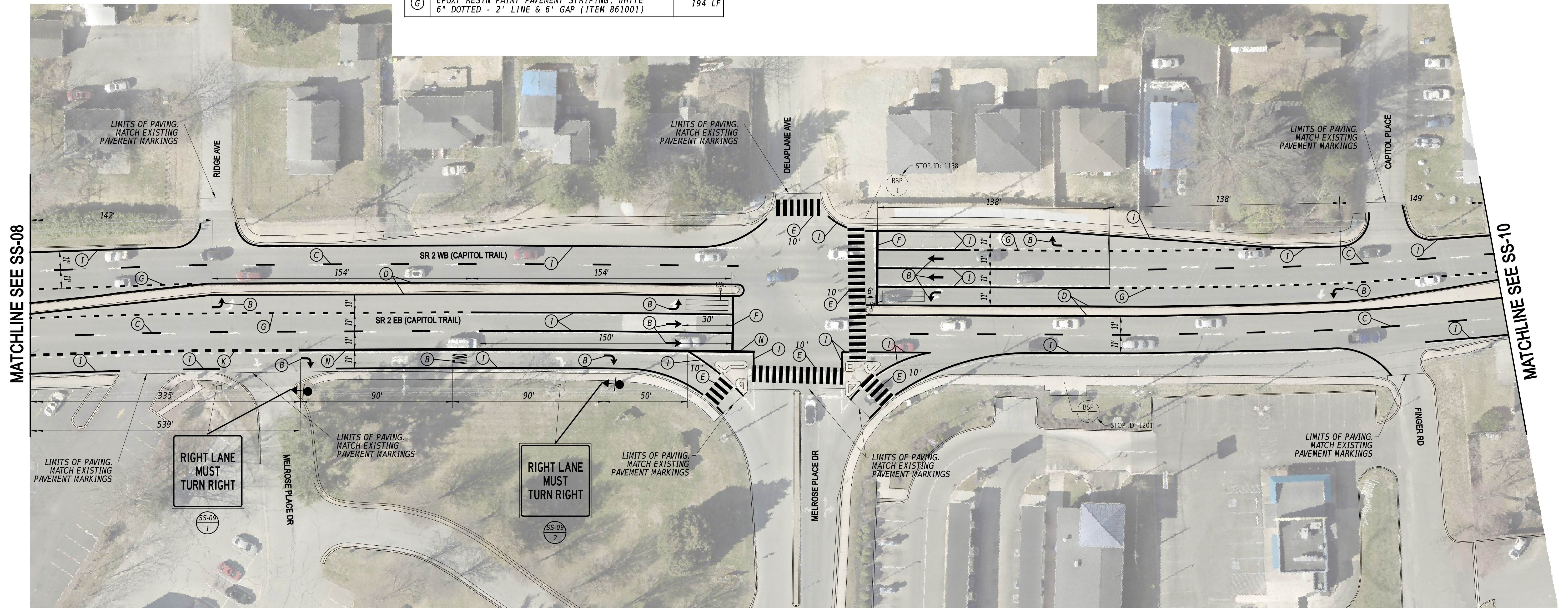
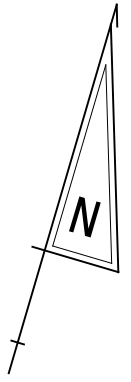
<b>SS-08</b>
SECTION
PAI
SHEET NO.
33

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EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1201	6	1	WITHOUT
1158	6	1	WITHOUT

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	182 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	324 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,607 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	1,000 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	103 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	194 LF

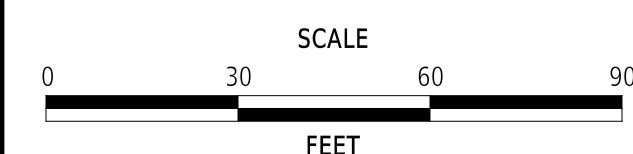
PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,248 LF
(K)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" DOTTED - 2' LINE & 6' GAP (ITEM 861002)	40 LF
(N)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 861002)	269 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	40 EA



NOTES

1. THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

ADDENDA / REVISIONS



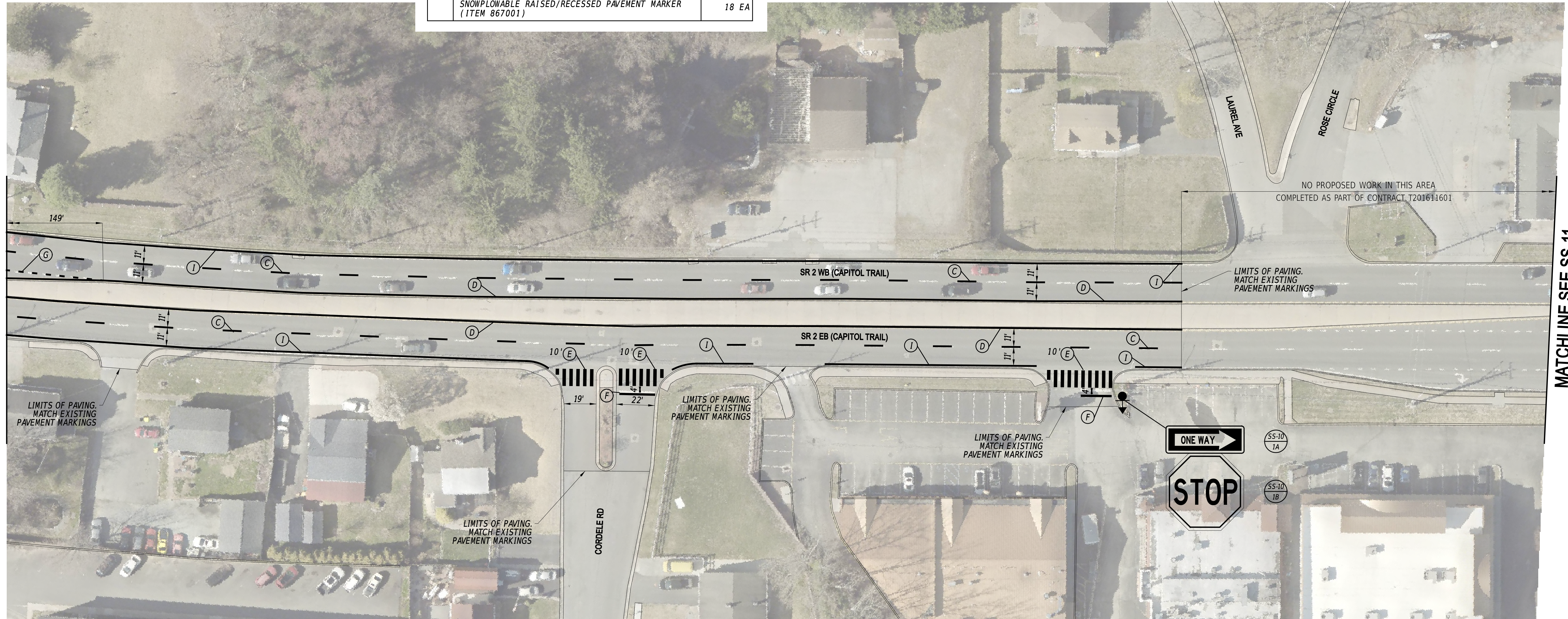
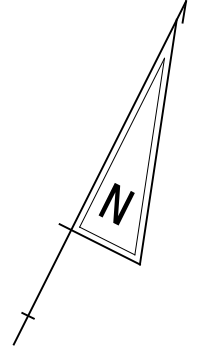
PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

SIGNING, STRIPING  
AND CONDUIT PLAN

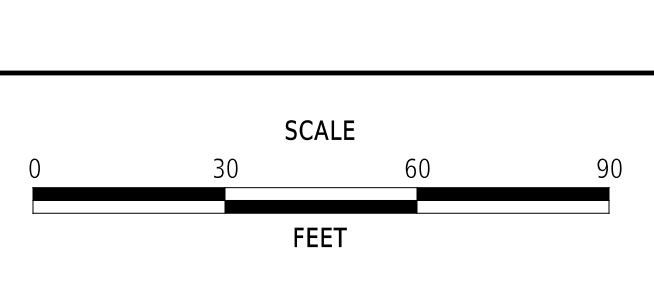
SS-09
SECTION
PAI
SHEET NO.
34

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	342 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,369 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	460 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	52 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	14 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,193 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	18 EA



21-JUL-2025  
 14:28  
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ADDENDA / REVISIONS	



**PAVEMENT & REHABILITATION,  
 NEW CASTLE 5A,  
 (KIRKWOOD HIGHWAY)**

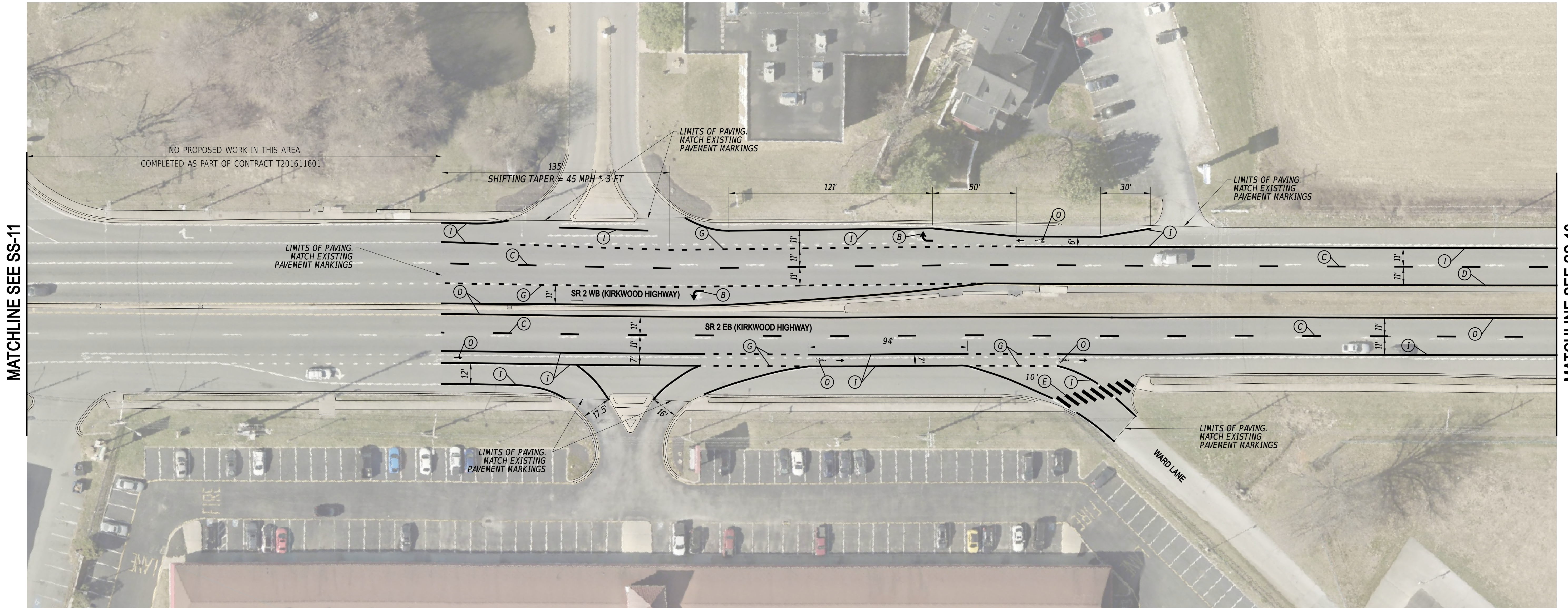
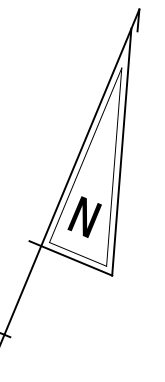
CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

SIGNING, STRIPING AND CONDUIT PLAN		SS-10
		SECTION
		PAI
		SHEET NO.
		35



PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	31 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	331 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,323 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	180 SF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	215 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,842 LF
(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	4 EACH
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	34 EA



MATCHLINE SEE SS-11

MATCHLINE SEE SS-13

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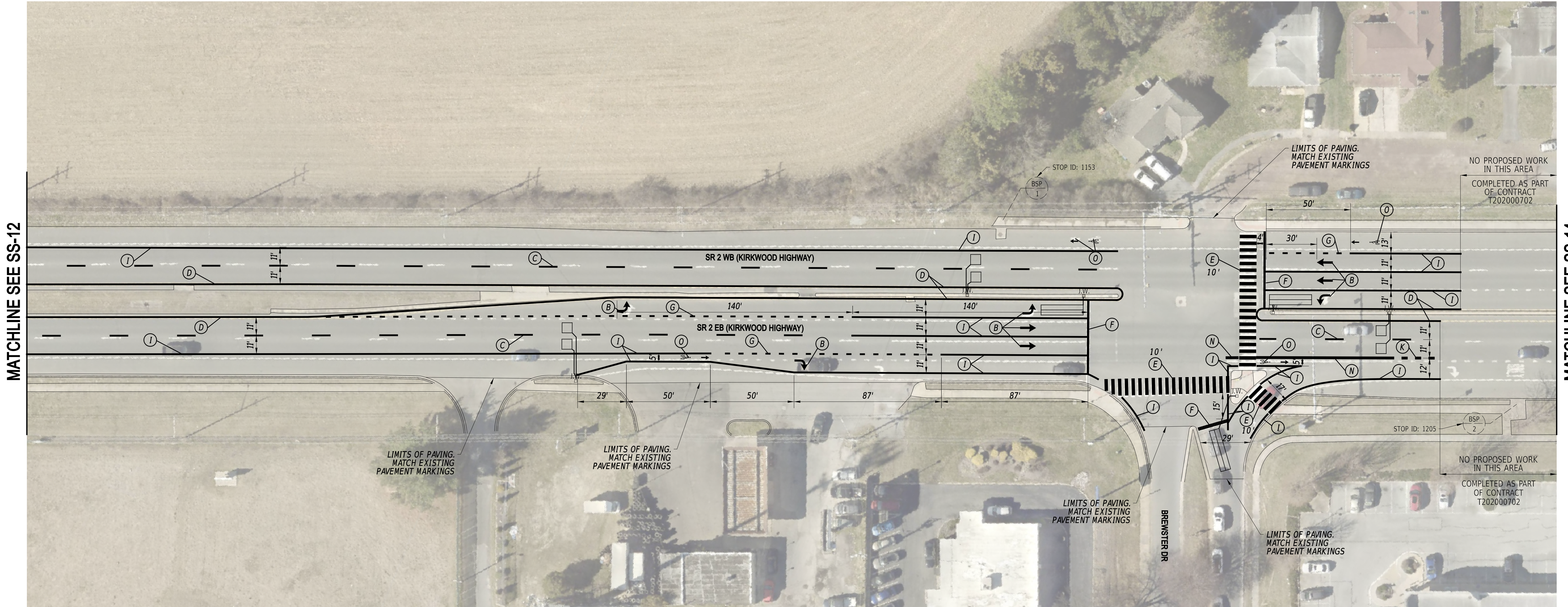
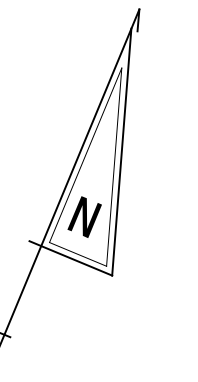
ADDENDA / REVISIONS		SCALE  FEET	<b>PAVEMENT &amp; REHABILITATION,          NEW CASTLE 5A,          (KIRKWOOD HIGHWAY)</b>	CONTRACT	BRIDGE NO.	N/A	<b>SIGNING, STRIPING          AND CONDUIT PLAN</b>	SECTION
				T202506101	DESIGNED BY: C. ZIVKOVICH			PAI
		NEW CASTLE	CHECKED BY: T. SCROCCA	SHEET NO.				
					37			

SS-12
SECTION
PAI
SHEET NO.
37

EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1205	6	2	WITHOUT
1153	6	1	WITHOUT

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	112 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	310 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,537 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	880 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	145 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	125 LF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,267 LF
(K)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" DOTTED - 2' LINE & 6' GAP (ITEM 861002)	7 LF
(N)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 861002)	87 LF
(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	4 EACH
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	33 EA



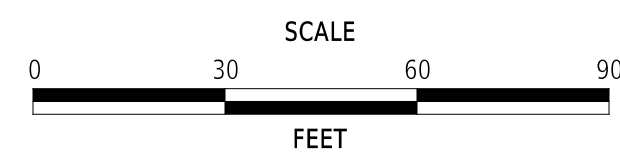
MATCHLINE SEE SS-12

MATCHLINE SEE SS-14

**NOTES**

1. THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

ADDENDA / REVISIONS

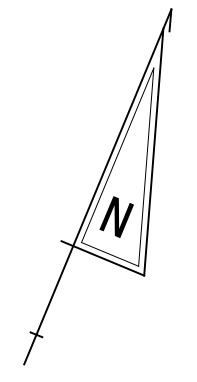


**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-13</b>
SECTION
PAI
SHEET NO.
38

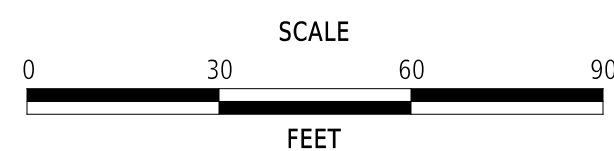


MATCHLINE SEE SS-13

MATCHLINE SEE SS-15

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ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT  
T202506101  
COUNTY  
NEW CASTLE

BRIDGE NO. **N/A**  
DESIGNED BY: C. ZIVKOVICH  
CHECKED BY: T. SCROCCA

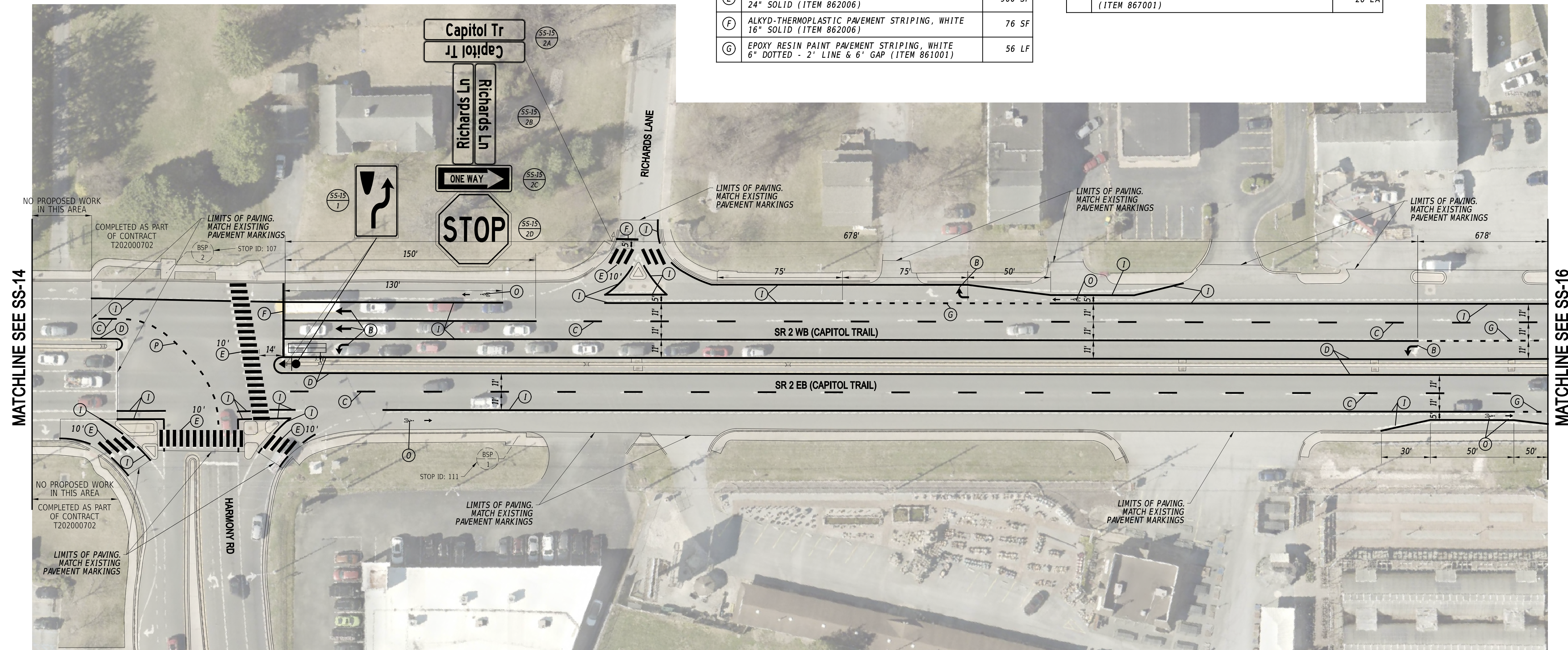
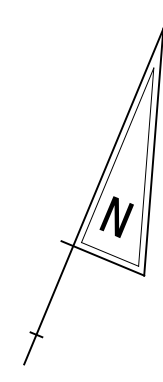
**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-14</b>
SECTION
PAI
SHEET NO.
39

EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
111	6	1	WITHOUT
107	6	2	WITHOUT

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	72 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	344 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,555 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	960 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	76 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	56 LF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,885 LF
(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	4 EACH
(P)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	24 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	26 EA



MATCHLINE SEE SS-14

MATCHLINE SEE SS-16

- NOTES**
1. THE CONTRACTOR SHALL CONTACT DELDOT'S ERLSP VENDOR AT 971-221-2690 A MINIMUM OF FIVE (5) DAYS PRIOR TO PAVEMENT MILLING TO COORDINATE THE TEMPORARY DECOMMISSIONING OF THE EXISTING RED LIGHT RUNNING CAMERAS (SITE NCAM164 - SR 2 AT DELAWARE PARK DRIVE) WHILE THE INTERSECTION APPROACHES ARE AWAITING FINAL (PERMANENT) STRIPING.
  2. THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

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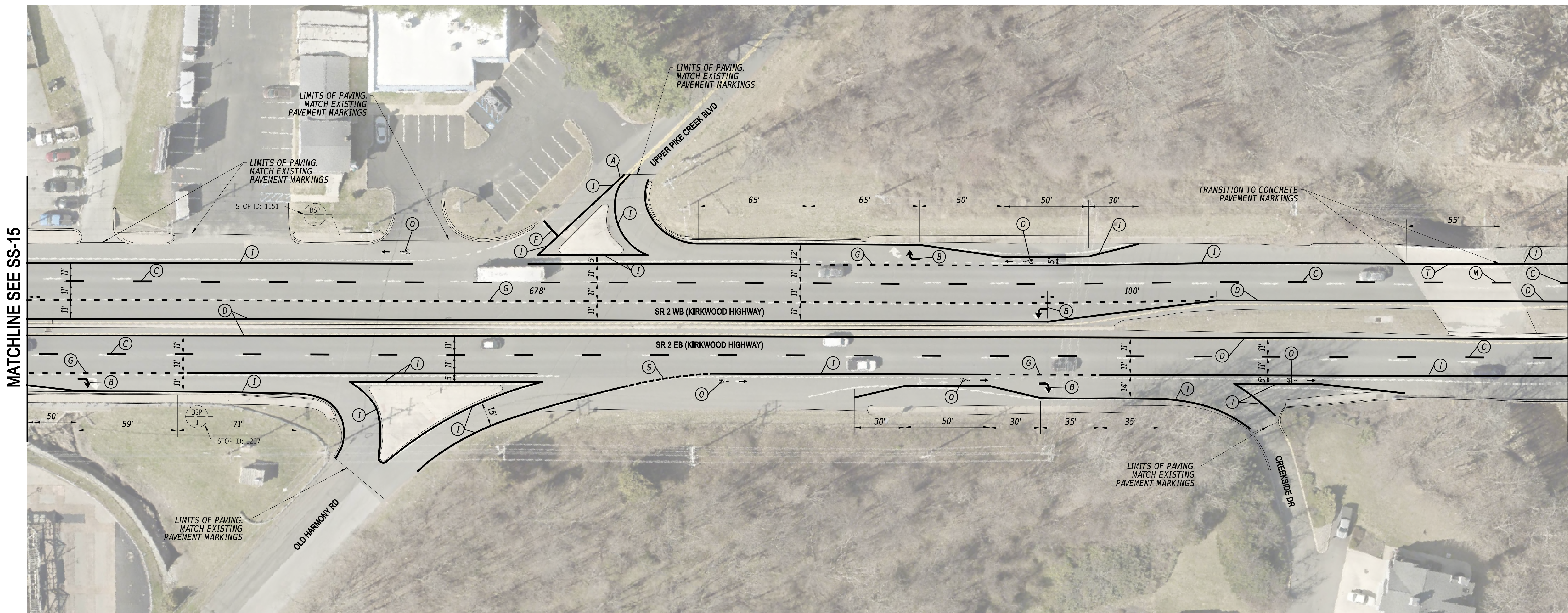
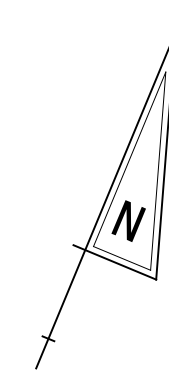
ADDENDA / REVISIONS		SCALE 	<b>PAVEMENT &amp; REHABILITATION,          NEW CASTLE 5A,          (KIRKWOOD HIGHWAY)</b>	CONTRACT	BRIDGE NO.	N/A	<b>SIGNING, STRIPING          AND CONDUIT PLAN</b>	SS-15
				T202506101	DESIGNED BY:			C. ZIVKOVICH
				COUNTY	CHECKED BY:	T. SCROCCA	SHEET NO.	40
				NEW CASTLE				

EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1151	6	1	WITHOUT
1207	6	1	WITHOUT

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID DOUBLE LINE (ITEM 861001)	15 LF
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	62 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	439 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,816 LF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	17 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	244 LF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,863 LF
(M)	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 6" BROKEN - 10' LINE & 30' GAP (ITEM 861004)	14 LF
(M)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	14 LF
(T)	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 3" SOLID (ITEM 861003)	55 LF
(T)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	55 LF
(S)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 2' GAP (ITEM 861001)	25 LF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	5 EACH
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	42 EA

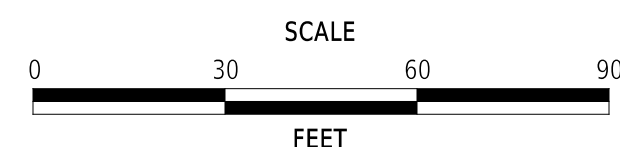


MATCHLINE SEE SS-15

MATCHLINE SEE SS-17

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ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

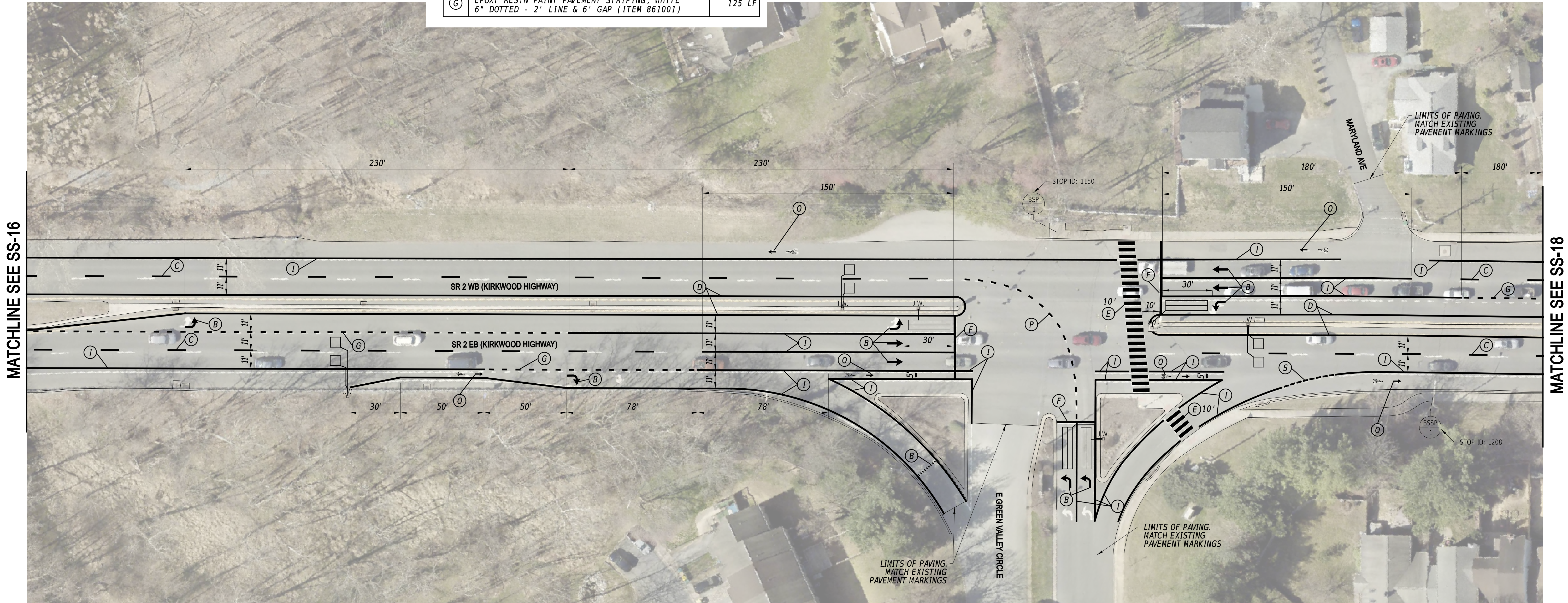
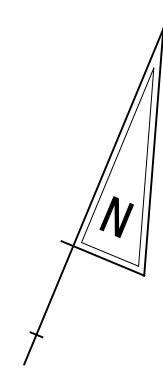
**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-16</b>
SECTION
PAI
SHEET NO.
41

EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1208	6	1	WITH
1150	6	1	WITHOUT

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	150 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	319 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,600 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	540 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	140 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	125 LF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	3,138 LF
(D)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	6 EACH
(P)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	33 LF
(S)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 2' GAP (ITEM 861001)	17 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	35 EA



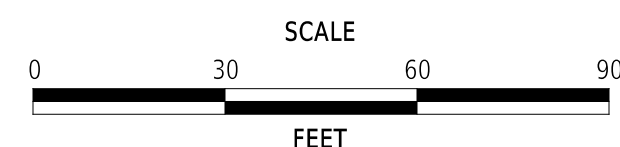
MATCHLINE SEE SS-16

MATCHLINE SEE SS-18

**NOTES**

- THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

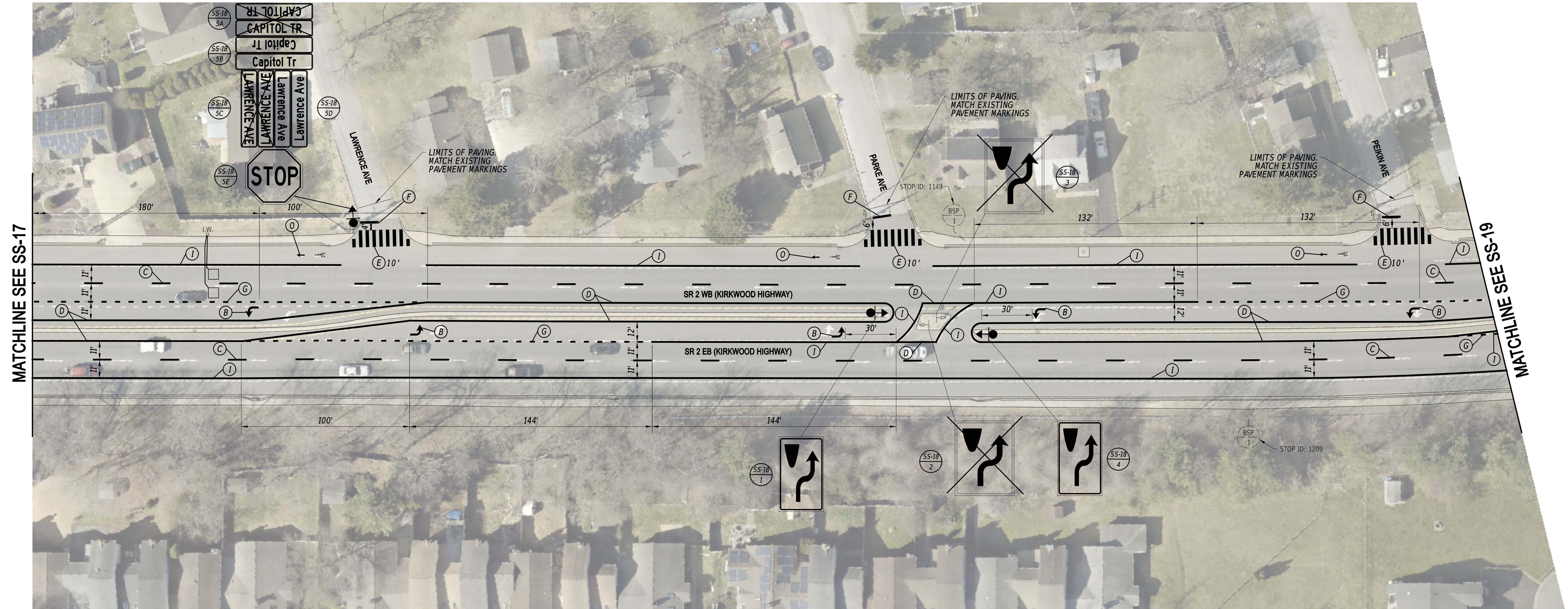
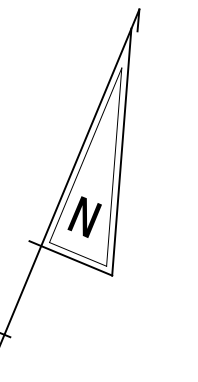
**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-17</b>
SECTION
PAI
SHEET NO.
42

EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1209	6	1	WITHOUT
1149	6	1	WITHOUT

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	78 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	433 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,655 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	540 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	44 SF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	170 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,921 LF
(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	3 EACH
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	36 EA



MATCHLINE SEE SS-17

MATCHLINE SEE SS-19

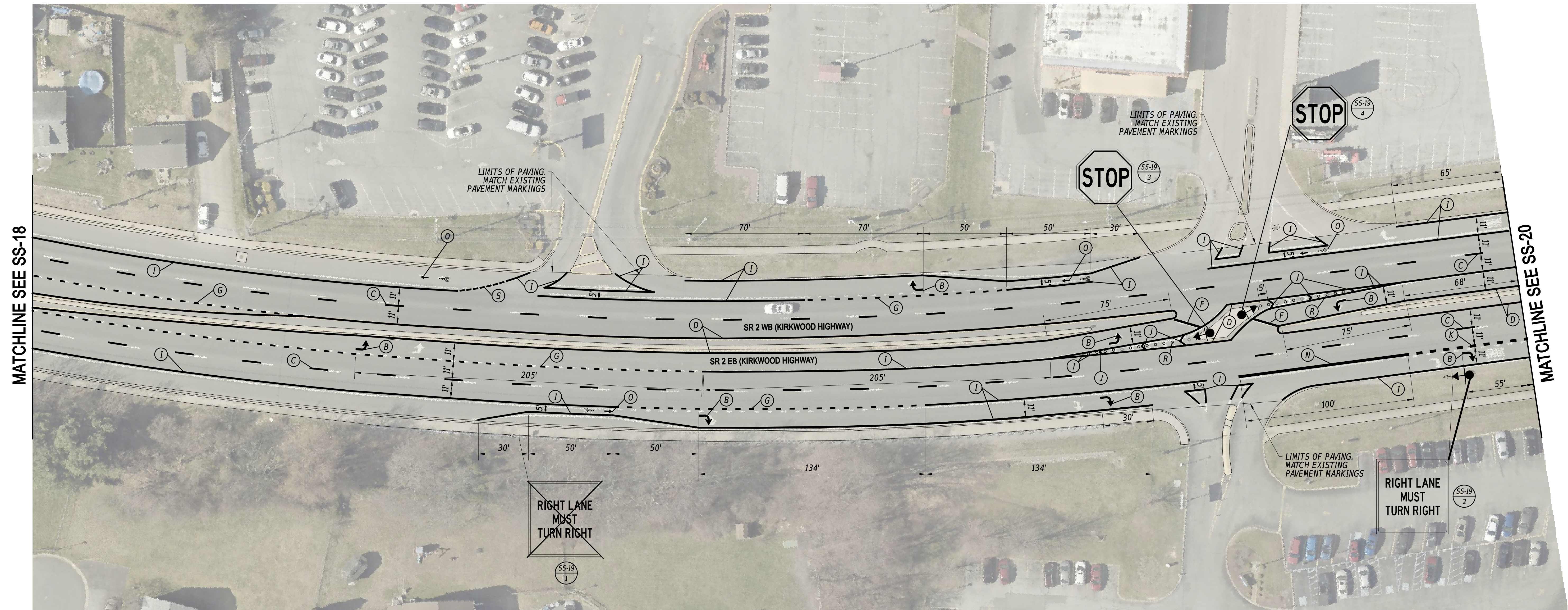
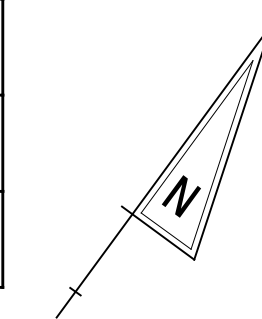
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ADDENDA / REVISIONS																								
CONTRACT T202506101	BRIDGE NO. <b>N/A</b>																							
COUNTY NEW CASTLE	DESIGNED BY: C. ZIVKOVICH																							
	CHECKED BY: T. SCROCCA																							
<b>SS-18</b>																								
SECTION PAI																								
SHEET NO. 43																								

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	109 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	441 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,697 LF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	43 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	216 LF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,954 LF
(J)	ALKYD - THERMOPLASTIC PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 862004)	35 LF
(K)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" DOTTED - 2' LINE & 6' GAP (ITEM 861002)	18 LF
(N)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 861002)	100 LF
(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	4 EACH

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(R)	FLEXIBLE DELINEATOR, WHITE, PERMANENT (ITEM 824003)	26 EA
(S)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 2' GAP (ITEM 861001)	15 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	40 EA

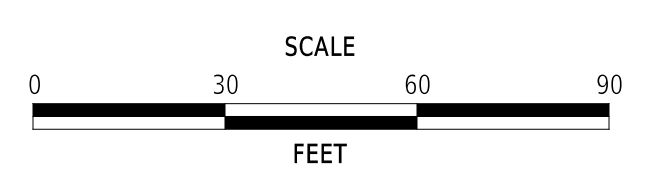


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ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

**SIGNING, STRIPING  
AND CONDUIT PLAN**

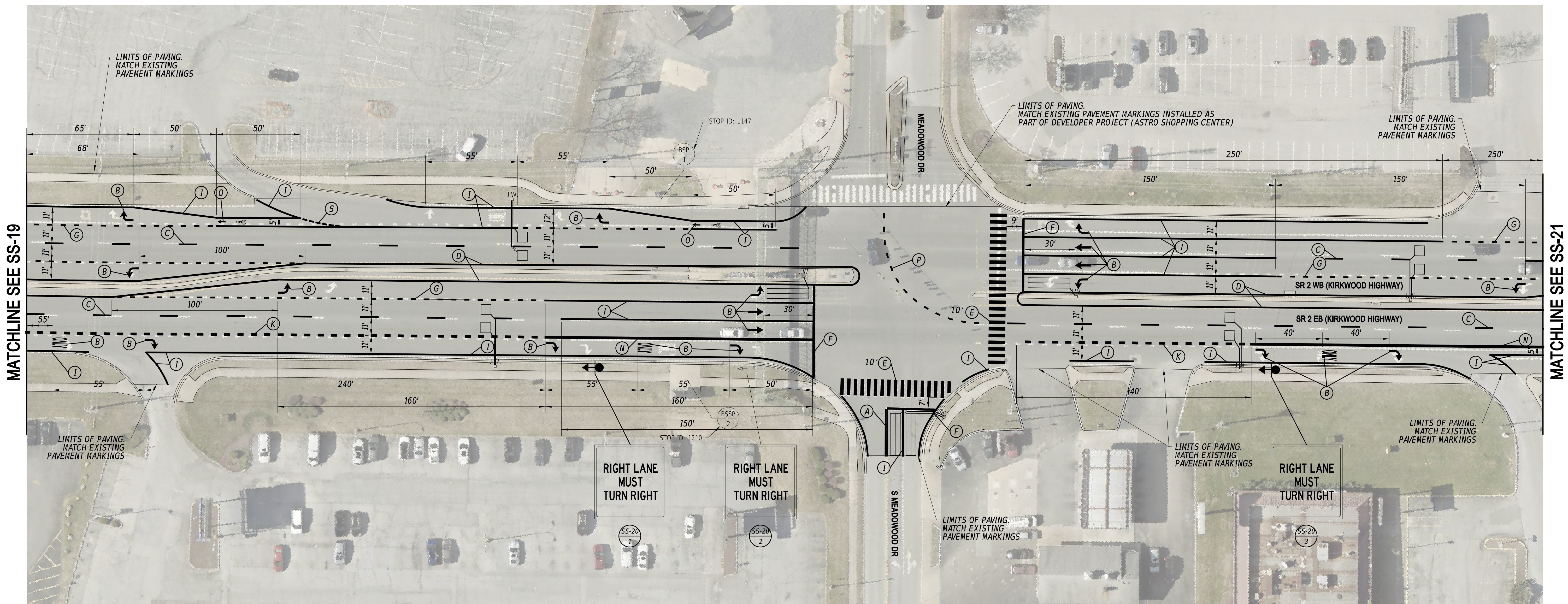
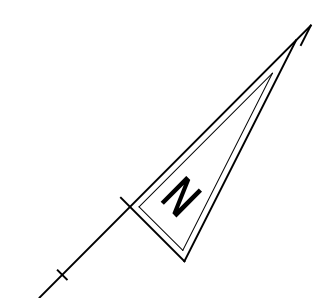
<b>SS-19</b>
SECTION
PAI
SHEET NO.
44

EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1210	6	1	WITHOUT
1147	6	2	WITH

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 16" SOLID DOUBLE LINE (ITEM 861001)	55 LF
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	321 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	322 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,638 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	800 SF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	172 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	216 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,609 LF
(K)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" DOTTED - 2' LINE & 6' GAP (ITEM 861002)	113 LF
(N)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 861002)	335 LF

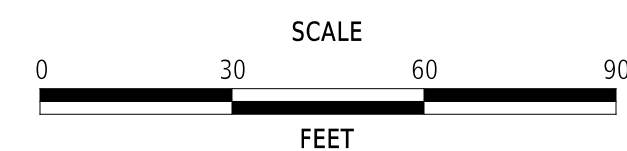
PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(O)	PERFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	2 EACH
(P)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	27 LF
(S)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 2' GAP (ITEM 861001)	15 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	42 EA



**NOTES**

1. THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

ADDENDA / REVISIONS



PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)

CONTRACT	BRIDGE NO.	N/A
T202506101	DESIGNED BY:	C. ZIVKOVICH
COUNTY	CHECKED BY:	T. SCROCCA
NEW CASTLE		

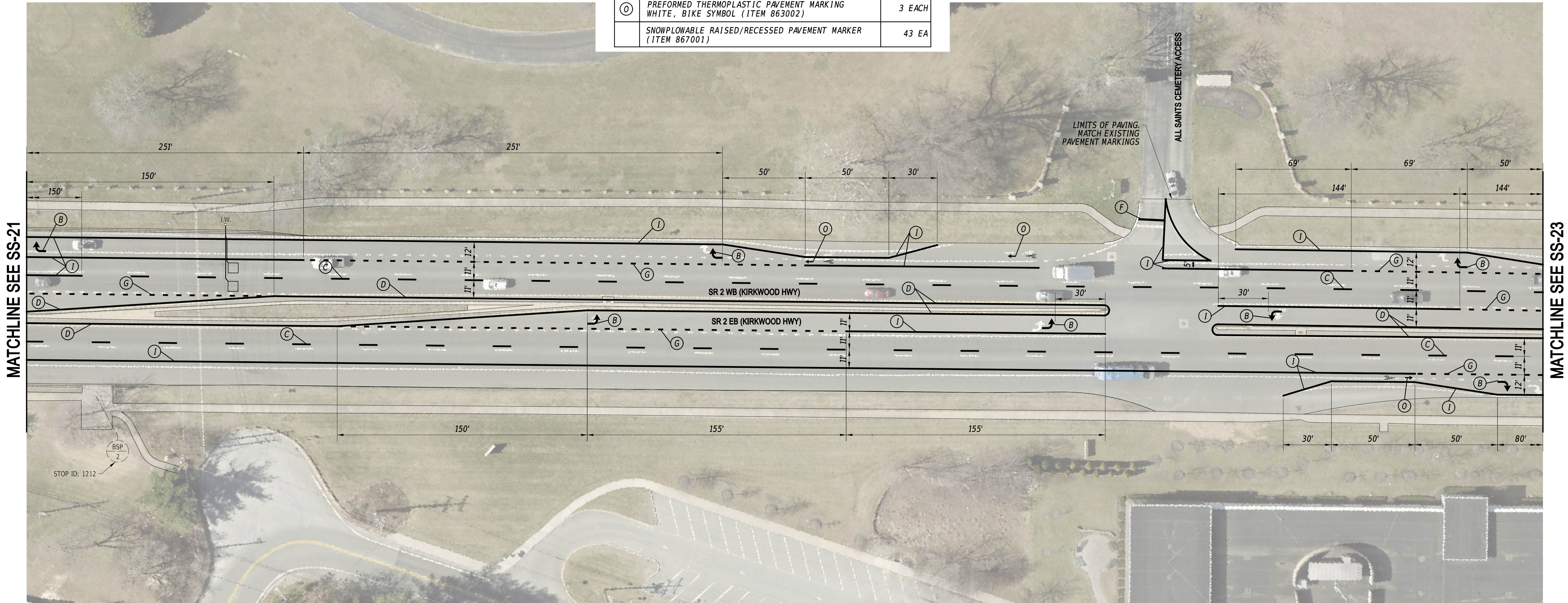
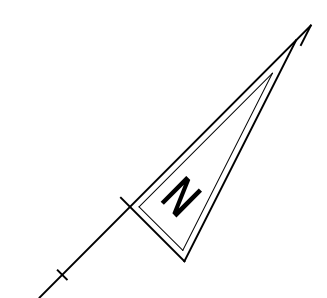
**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-20</b>
SECTION
PAI
SHEET NO.
45



EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1212	6	2	WITHOUT

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	109 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10" LINE & 30' GAP (ITEM 861001)	446 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,699 LF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	21 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	248 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,583 LF
(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	3 EACH
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	43 EA



MATCHLINE SEE SS-21

MATCHLINE SEE SS-23

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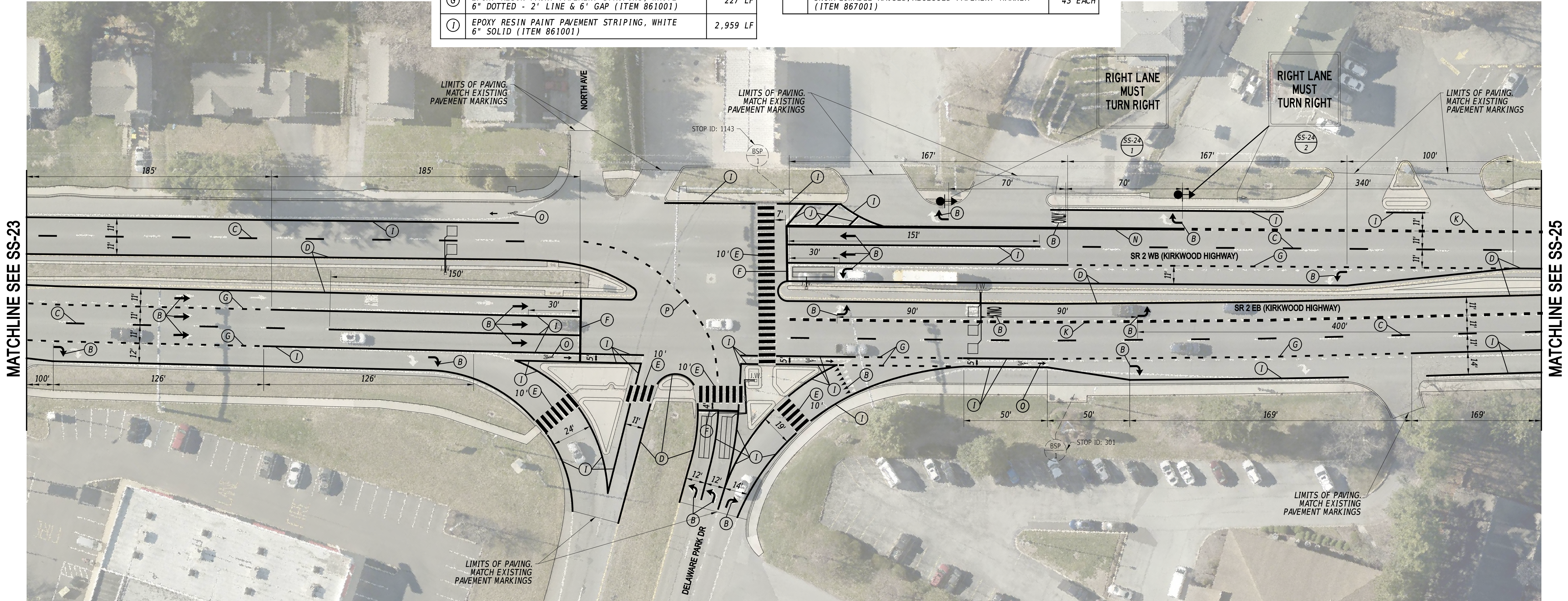
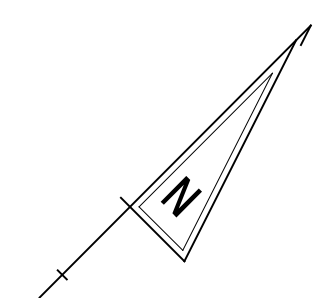
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">ADDENDA / REVISIONS</th> <th style="width: 50%;"></th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	ADDENDA / REVISIONS										<p>SCALE 0 30 60 90 FEET</p>	<p><b>PAVEMENT &amp; REHABILITATION, NEW CASTLE 5A, (KIRKWOOD HIGHWAY)</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CONTRACT T202506101</td> <td>BRIDGE NO. N/A</td> </tr> <tr> <td>COUNTY NEW CASTLE</td> <td>DESIGNED BY: C. ZIVKOVICH</td> </tr> <tr> <td></td> <td>CHECKED BY: T. SCROCCA</td> </tr> </table>	CONTRACT T202506101	BRIDGE NO. N/A	COUNTY NEW CASTLE	DESIGNED BY: C. ZIVKOVICH		CHECKED BY: T. SCROCCA	<p><b>SIGNING, STRIPING AND CONDUIT PLAN</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><b>SS-22</b></td> </tr> <tr> <td>SECTION PAI</td> </tr> <tr> <td>SHEET NO. 47</td> </tr> </table>	<b>SS-22</b>	SECTION PAI	SHEET NO. 47
ADDENDA / REVISIONS																								
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COUNTY NEW CASTLE	DESIGNED BY: C. ZIVKOVICH																							
	CHECKED BY: T. SCROCCA																							
<b>SS-22</b>																								
SECTION PAI																								
SHEET NO. 47																								



EXISTING DART BUS STOP SCHEDULE			
BUS STOP ID	ROUTES	BUS STOP PAD TYPE	WITHOUT/WITH SHELTER
1143	6	1	WITHOUT
301	6	1	WITHOUT

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	341 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	315 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	1,817 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	940 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	127 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	227 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	2,959 LF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(J)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 862004)	45 SF
(K)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" DOTTED - 2' LINE & 6' GAP (ITEM 861002)	167 LF
(N)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 861002)	237 LF
(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	4 EACH
(P)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	33 LF
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	43 EACH



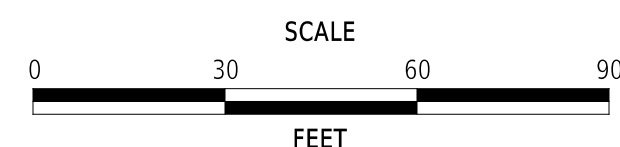
MATCHLINE SEE SS-23

MATCHLINE SEE SS-25

**NOTES**

1. THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

ADDENDA / REVISIONS



**PAVEMENT & REHABILITATION,  
NEW CASTLE 5A,  
(KIRKWOOD HIGHWAY)**

CONTRACT  
T202506101  
COUNTY  
NEW CASTLE

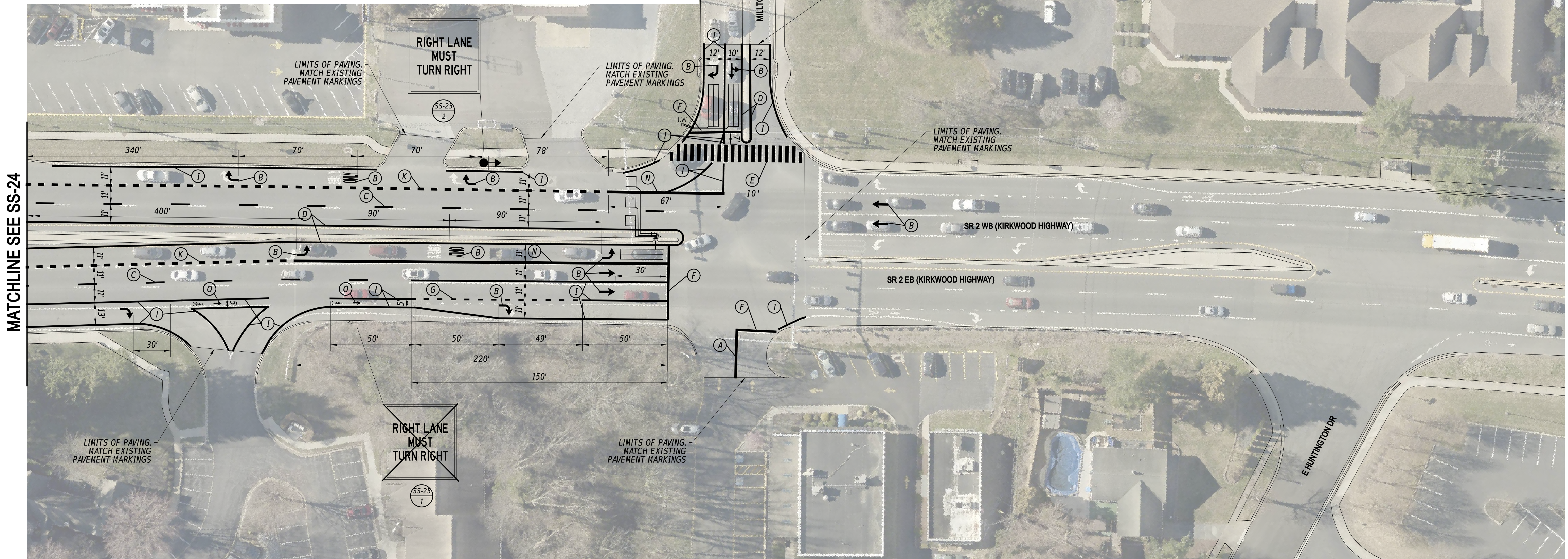
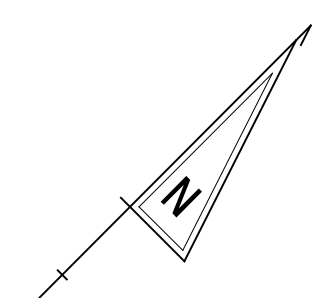
BRIDGE NO.	N/A
DESIGNED BY:	C. ZIVKOVICH
CHECKED BY:	T. SCROCCA

**SIGNING, STRIPING  
AND CONDUIT PLAN**

<b>SS-24</b>
SECTION
PAI
SHEET NO.
49

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID DOUBLE LINE (ITEM 861001)	57 SF
(B)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	225 SF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 861001)	153 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	899 LF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	400 SF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	131 SF

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	25 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,320 LF
(K)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" DOTTED - 2' LINE & 6' GAP (ITEM 861002)	125 LF
(N)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 861002)	286 LF
(O)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 863002)	2 EACH
	SNOWPLOWABLE RAISED/RECESSED PAVEMENT MARKER (ITEM 867001)	14 EA



- NOTES
1. THE CONTRACTOR SHALL INSTALL ALL DETECTION LOOPS WITHIN THE PROJECT LIMITS INTO THE MILLED PAVEMENT SURFACE.

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ADDENDA / REVISIONS			<b>PAVEMENT &amp; REHABILITATION, NEW CASTLE 5A, (KIRKWOOD HIGHWAY)</b>	CONTRACT	BRIDGE NO.	N/A	<b>SIGNING, STRIPING AND CONDUIT PLAN</b>	SS-25
				T202506101	DESIGNED BY:	C. ZIVKOVICH		SECTION
		NEW CASTLE	CHECKED BY:	T. SCROCCA		SHEET NO.		50

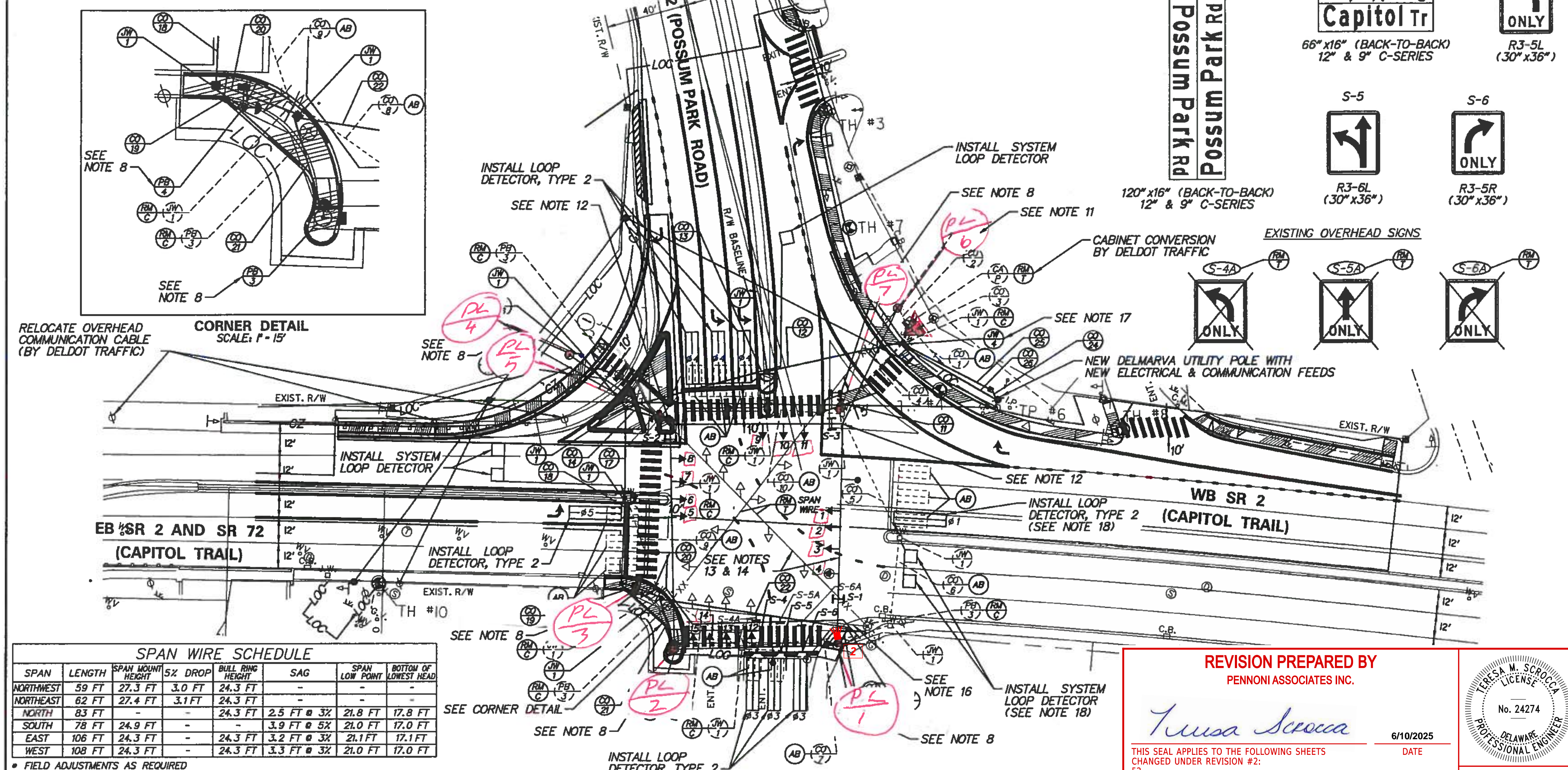
PERMANENT SIGN SCHEDULE - ROADWAY

SHEET NO.	PLAN IDENTIFIER	SIGN DESIGNATION	QTY.	DESCRIPTION	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	X13 / ITEM 818001 SUPPLY OF ROADSIDE FLAT SHEET ALUMINUM, TYPE IV, RETROREFLECTIVE SHEETING (SF)	X14 / ITEM 818003 SUPPLY OF ROADSIDE FLAT SHEET ALUMINUM, TYPE XI, RETROREFLECTIVE SHEETING (SF)	X15 / ITEM 819512 SIGN POST REFLECTIVE PANEL (EA)	ITEM 819003 INSTALL OR REMOVE TRAFFIC SIGNS (EACH)			ITEM 819001 PROVIDE GALVANIZED TELESCOPING SIGN POST (EACH) TO BE USED FOR NEW SIGN POSTS, CONTRACTOR TO DETERMINE LENGTH	ITEM 819002 INSTALL OR REMOVE GALVANIZED TELESCOPING SIGN POST (EACH)			POST INSTALLATION TYPE	ITEM 819010 4" HOLE, 0-6" (EACH)	ITEM 819011 4" HOLE, >6" (EACH)	REMARKS
										SIGN DISPOSITION	REMOVE	INSTALL		SIGN POST DISPOSITION	REMOVE	INSTALL				
SS-01	1	W1-1(30)	1	BICYCLE (Symbol) - 30x30	30	30				REMOVE	1									
SS-02	1	W1-1(30)	1	BICYCLE (Symbol) - 30x30	30	30				REMOVE	1									
SS-03	1A	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12	6.0			RENEW	2	2	1	REPOSITION	1	1	SOIL		Poplar Ave (Highway C, 6"/4", Narrow Kearing)	
SS-03	1B	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12	6.0			RENEW	2	2							Capitol Tr (Highway C, 6"/4", Narrow Kearing)	
SS-03	1C	R6-1 R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12	3.0			RENEW	1	1								
SS-03	1D	R1-1(36)	1	STOP	36	36		7.5		RENEW	1	1								
SS-03	2A	W3-3(48)	1	SIGNAL AHEAD (Symbol) - 48x48	48	48	16.0			RENEW	1	1	2	REPOSITION	1	2	SOIL			
SS-03	2B	W6-8aP	1	ADVANCE STREET NAME (2 - line plaque) (Oversized)	48	18	6.0			RENEW	1	1							<- Woodlawn Ave E Cleveland Ave -> Ave (Highway C, 4")	
SS-03	2C	R7-4-DE(12)	1	NO STOPPING, STANDING, OR PARKING - 12x18	12	18	1.5			RENEW	1	1								
SS-03	3	R2-1-35(30)	1	SPEED LIMIT (35 MPH - 30x36)	30	36				REPOSITION	1	1	1	REPOSITION	1	1	SOIL			
SS-04	1	R1-1(36)	1	STOP	36	36		7.5		NEW W/ POST		1	1	NEW		1	SOIL			
SS-04	2A	D3-1(12)	1	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12				REMAIN									Capitol Tr	
SS-04	2B	D3-1(12)	1	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12				REMAIN									Orchard Ave	
SS-04	2C	R6-1 R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12				REMAIN										
SS-04	2D	R1-1(36)	1	STOP	36	36				REMAIN										
SS-04	3A	D3-1(12)	1	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12				REMAIN									Ash Ave	
SS-04	3B	D3-1(12)	1	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12				REMAIN									Capitol Tr	
SS-04	3C	R6-1 R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12				REMAIN										
SS-04	3D	R1-1(36)	1	STOP	36	36				REMAIN										
SS-05	1	W1-1(30)	1	BICYCLE (Symbol) - 30x30	30	30				REMOVE	1			REMOVE	1					
SS-05	2A	W1-1(30)	1	BICYCLE (Symbol) - 30x30	30	30				REMOVE	1			REMOVE	1					
SS-05	2B	R2-1-35(30)	1	SPEED LIMIT (35 MPH - 30x36)	30	36	7.5			RENEW	1	1	1	REPOSITION	1	1	SOIL		35 MPH (REPOSITION TO TOP OF SIGN POST)	
SS-05	2C	D4-3-DE	1	BUS STOP (REQUESTS FOR FABRICATION THRU DART TRANSIT AT 302-576-6132)	12	18				RENEW	1	1							Bus Stop 1198 Route 6 (REPOSITION TO BOTTOM OF R2-1 SIGN)	
SS-05	3	R4-7c	1	NARROW KEEP RIGHT	18	30	3.8			RENEW	1	1	1	REPOSITION	1	1				
SS-05	4A	D3-1(12)	1	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12				REMAIN									Elm Ave	
SS-05	4B	D3-1(12)	1	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12				REMAIN									Capitol Tr	
SS-05	4C	R6-1 R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12				REMAIN										
SS-05	4D	R1-1(36)	1	STOP	36	36				REMAIN										
SS-06	1	R2-1-35(30)	1	SPEED LIMIT (35 MPH - 30x36)	30	36	7.5			RENEW	1	1	1	REPOSITION	1	1	SOIL			
SS-06	2	R1-1(36)	1	STOP	36	36		7.5		NEW W/ POST		1	1	NEW		1	SOIL			
SS-06	3A	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12	6.0			RENEW	2	2	1	NEW		1	SOIL		Capitol Tr (Highway C, 6"/4", Narrow Kearing)	
SS-06	3B	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12	6.0			RENEW	2	2							S. Dilwyn Rd (Highway C, 6"/4", Narrow Kearing)	
SS-06	3C	R6-1 R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12	3.0			RENEW	1	1								
SS-06	3D	R1-1(36)	1	STOP	36	36				REMOVE	1									
SS-06	3E	R1-2(36)	1	YIELD	36	36		3.9		NEW		1								
SS-06	3F	W4-5P(24)	1	NO MERGE AREA (plaque) - 24x30	24	30	5.0			NEW		1								
SS-07	1	W1-1(30)	1	BICYCLE (Symbol) - 30x30	30	30				REMOVE	1			REMOVE	1					
SS-08	1	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36				REMAIN										
SS-08	2	W1-1(30)	1	BICYCLE (Symbol) - 30x30	30	30				REMOVE	1			REMOVE	1					
SS-08	3	R1-2(48)	1	YIELD	48	48		6.9		RENEW	1	1	1	REPOSITION	1	1	SOIL			
SS-09	1	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9.0			RENEW	1	1	1	REPOSITION	1	1	SOIL			
SS-09	2	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9.0			RENEW	1	1	1	REPOSITION	1	1	SOIL			
SS-10	1A	R6-1 R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12	3.0			NEW W/ POST		1	1	NEW		1	SOIL			
SS-10	1B	R1-1(36)	1	STOP	36	36		7.5		NEW		1								
SS-15	1	R4-7c	1	NARROW KEEP RIGHT	18	30	3.8			RENEW	1	1	1	REPOSITION	1	1	NEW CONCRETE			
SS-15	2A	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12				REMAIN									Capitol Tr	
SS-15	2B	D3-1(12)	3	STREET NAME (1 Line) Posted speed ≤ 40 MPH	36	12				REMAIN									Richards Ln	
SS-15	2C	R6-1 R(36)	4	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12				REMAIN										
SS-15	2D	R1-1(36)	5	STOP	36	36				REMAIN										
SS-18	1	R4-7c	1	NARROW KEEP RIGHT	18	30	3.8			NEW W/ POST		1	1	NEW		1	EX. CONCRETE	1		
SS-18	2	R4-7(18)	1	KEEP RIGHT (Symbol) - 18x24	18	24				REMOVE	1			REMOVE	1					
SS-18	3	R4-7c	1	NARROW KEEP RIGHT	18	30	3.8			NEW W/ POST		1	1	NEW		1	EX. CONCRETE	1		
SS-18	4	R4-7(18)	1	KEEP RIGHT (Symbol) - 18x24	18	24				REMOVE	1			REMOVE	1					
SS-18	5A	D3-1(18)	1	STREET NAME (1 Line) Posted speed > 40 MPH	48	18				REMOVE	1								CAPITOL TR	
SS-18	5B	D3-1(18)	1	STREET NAME (1 Line) Posted speed > 40 MPH	48	18	6.0			ADD TO ASSEMBLY		1							Capitol Tr (Highway C, 8"/6")	
SS-18	5C	D3-1(18)	1	STREET NAME (1 Line) Posted speed > 40 MPH	48	18				REMOVE	1								LAWRENCE AVE Lawrence Ave (Highway B, 7"/5")	
SS-18	5D	D3-1(18)	1	STREET NAME (1 Line) Posted speed > 40 MPH	48	18	6.0			ADD TO ASSEMBLY		1								
SS-18	5E	R1-1(36)	1	STOP	36	36		7.5		RENEW	1	1	1	REPOSITION	1	1	SOIL			
SS-19	1	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36				REMOVE	1			REMOVE	1					
SS-19	2	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9.0			RENEW	1	1	1	REPOSITION	1	1	SOIL			
SS-19	3	R1-1(36)	1	STOP	36	36		7.5		NEW W/ POST		1	1	NEW		1	EX. CONCRETE	1		
SS-19	4	R1-1(36)	1	STOP	36	36		7.5		NEW W/ POST		1	1	NEW		1	EX. CONCRETE	1		
SS-20	1	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9.0			NEW W/ POST		1	1	NEW		1	SOIL			
SS-20	2	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36				REMAIN										
SS-20	3	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9.0			NEW W/ POST		1	1	NEW		1	SOIL			
SS-21	1	R3-4(36)	1	U - TURN PROHIBITION (Symbol) - 36x36	36	36	9.0			NEW W/ POST		1	1	NEW		1	EX. CONCRETE	1		
SS-21	2	R3-7 L(36)	1	LEFT LANE MUST TURN LEFT - 36"x36"	36	36	9.0			NEW W/ POST		1	1	NEW		1	EX. CONCRETE	1		
SS-21	3	R3-7 L(36)	1	LEFT LANE MUST TURN LEFT - 36"x36"	36	36				REMOVE	1			REMOVE	1					
SS-21	4	R3-7 L(36)	1	LEFT LANE MUST TURN LEFT - 36"x36"	36	36				REMAIN										
SS-23	1A	R6-1 R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12	3.0			RENEW	1	1	1	REPOSITION	1	1	SOIL			
SS-23	1B	R1-1(36)	1	STOP	36	36		7.5		RENEW	1	1								
SS-24	1	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9.0			NEW W/ POST		1	1	NEW		1	SOIL			
SS-24	2	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9.0			RENEW	1	1	1	REPOSITION	1	1	SOIL			
SS-25	1	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36				REMOVE	1			REMOVE	1					
SS-25	2	R3-7 R(36)	1	RIGHT LANE MUST TURN RIGHT - 36"x36"	36	36	9.0			NEW W/ POST		1	1	NEW		1	SOIL			
JOB TOTALS																				

CO#	# OF CONDUITS	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/ WIRE
1*	1	2.0 IN	XX FT	-	<REMOVE EX. (1) 2"Ø U.F. W/GROUND>
2*	1	2.5 IN	6 FT	-	<REMOVE EX. (2) 16"Ø 14, EX. (2) 4"Ø 18> <NEW (2) 16"Ø 14, <NEW (4) 4"Ø 18> INSTALL (1) CAT 5e CABLE [2]
3*	2	2.5 IN	7 FT	-	EX. (2) 4"Ø 18- TO REMAIN, <REMOVE EX. (5) 4"Ø 18> <NEW (4) 9"Ø 14, <NEW (6) 4"Ø 18, <NEW (1) COMM. CABLE> <NEW (1) 2"Ø U.F. W/GROUND - LOAD SIDE> <NEW (1) 9"Ø 14>
4*	2	2.5 IN	44 FT	-	EX. (2) 4"Ø 18- TO REMAIN, <REMOVE EX. (5) 4"Ø 18> <NEW (1) 9"Ø 14>
5*	1	2.5 IN	63 FT	-	EX. (2) 4"Ø 18- TO REMAIN, <REMOVE EX. (3) 4"Ø 18>
6*	1	2.5 IN	41 FT	-	<REMOVE EX. (3) 4"Ø 18>
7*	1	2.5 IN	70 FT	-	<REMOVE EX. (3) 4"Ø 18>
8*	1	2.5 IN	47 FT	-	<REMOVE EX. (2) 4"Ø 18>
9*	1	1.5 IN	47 FT	-	<REMOVE EX. (2) 4"Ø 18>
10*	1	2.5 IN	34 FT	-	<REMOVE EX. (2) 4"Ø 18>
11	1	2.5 IN	9 FT	T	<NEW (1) 9"Ø 14>
12	1	2.5 IN	65 FT	B	<NEW (3) 9"Ø 14, <NEW (6) 4"Ø 18>
13	1	2.5 IN	69 FT	B	<NEW (3) 9"Ø 14, <NEW (4) 4"Ø 18>
14	1	2.5 IN	16 FT	T	<NEW (1) 9"Ø 14>
15	1	2.5 IN	31 FT	T	EMPTY
16	1	2.5 IN	3 FT	T	EMPTY
17	1	2.5 IN	41 FT	B	<NEW (2) 9"Ø 14, <NEW (4) 4"Ø 18>
18	1	2.5 IN	39 FT	B	<NEW (2) 9"Ø 14, <NEW (2) 4"Ø 18>
19	1	2.5 IN	7 FT	T	<NEW (2) 9"Ø 14>
20	1	2.5 IN	19 FT	T	<NEW (2) 9"Ø 14, <NEW (2) 4"Ø 18>
21	1	2.5 IN	23 FT	T	<NEW (1) 9"Ø 14>
22	1	2.5 IN	89 FT	B	<NEW (1) 9"Ø 14, <NEW (2) 4"Ø 18>
23	1	2.5 IN	7 FT	T	<NEW (1) 9"Ø 14>
24	1	2.0 IN	4 FT	T	<NEW (1) 2"Ø U.F. W/GROUND - LINE SIDE>
25	1	2.0 IN	44 FT	T	<NEW (1) 2"Ø U.F. W/GROUND - LOAD SIDE>
26	1	2.0 IN	49 FT	T	<NEW (1) COMM. CABLE>

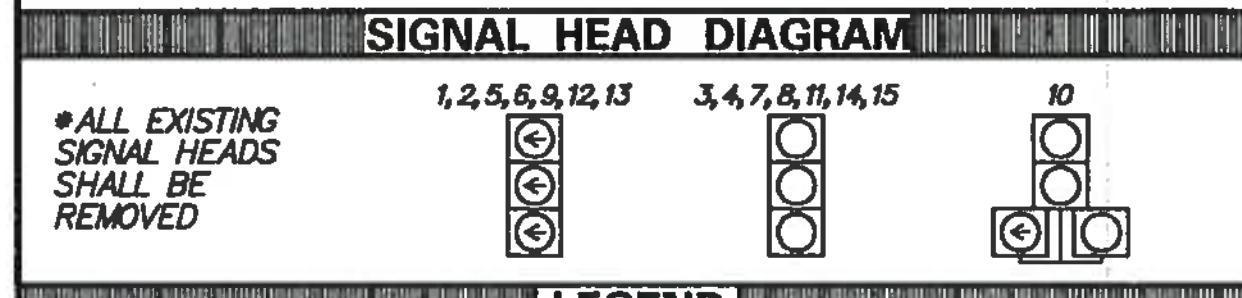
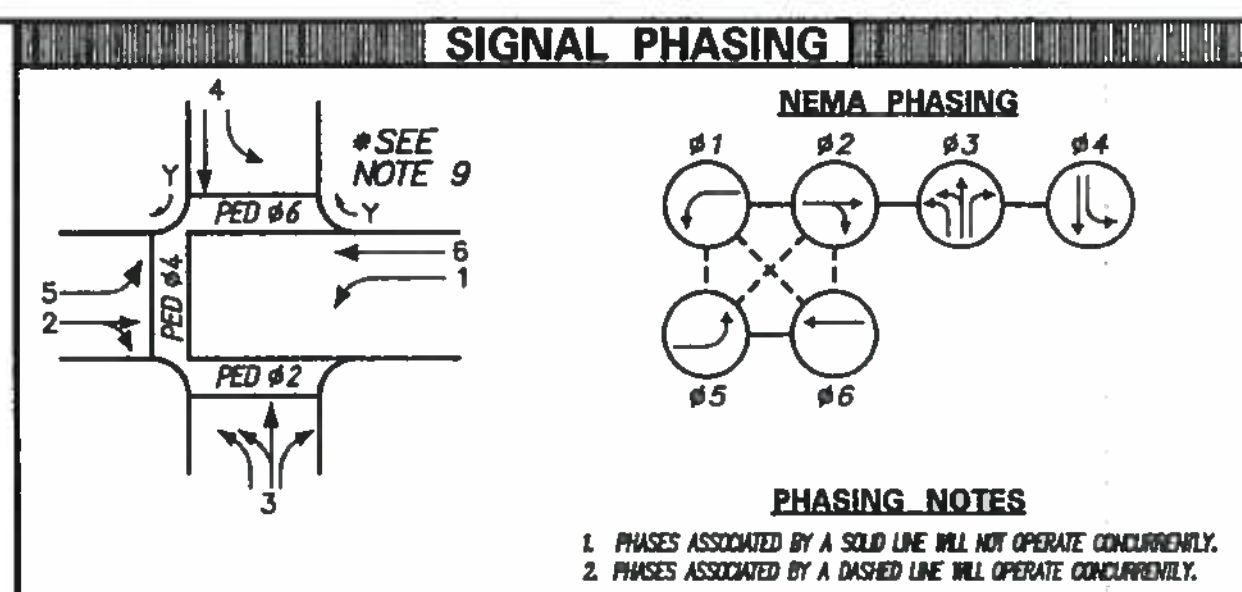
\* DENOTES EXISTING CONDUIT B = BORE, T = TRENCH, O = OPEN CUT

- NOTES:**
- PROPOSED POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (50:1 FLATTER) LANDING AREA OF THE CURB RAMP OR SIDEWALK IN ACCORDANCE WITH CURRENT ADA BEST PRACTICES. THESE POLE BASES SHALL BE FLUSH WITH THE ADJOINING LANDING AREA. THE PEDESTRIAN PUSHBUTTON SHOULD BE INSTALLED AT A HEIGHT OF 42 TO 48 INCHES ABOVE THE LANDING AREA/SIDEWALK AND SHALL BE LOCATED SUCH THAT THE MAXIMUM REACH DISTANCE IS 10 INCHES FROM THE LANDING AREA TO THE FACE OF THE PUSHBUTTON. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 7 FEET OR MORE THAN 10 FEET ABOVE SIDEWALK LEVEL.
  - DELDOT TRAFFIC/TMC SHALL MODIFY THE SIGNAL PHASING, AS SHOWN, AND SO THAT PHASES 1 AND 5 OPERATE PROTECTED-ONLY.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND REMOVAL OF ALL UNDERGROUND SIGNAL EQUIPMENT - E.G., JUNCTION WELLS, POLE BASES, AND CONDUIT. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND REMOVAL OF ALL ELECTRICAL CABLES AND ABOVE GROUND SIGNAL EQUIPMENT - E.G., HEADS, OPTICOM RECEIVERS, SPAN WIRES, AND POLES.
  - THE TRAFFIC CONTRACTOR SHALL INSTALL BACK GUYS, IN ACCORDANCE WITH ITEM 746501, ON THE EXISTING SIGNAL POLES PRIOR TO INSTALLING THE PROPOSED SPAN WIRES. THE BACK GUYS SHALL BE REMOVED, IN ACCORDANCE WITH ITEM 746710, WHEN THE EXISTING SPAN WIRES ARE REMOVED FROM THE EXISTING SIGNAL POLES.
  - THE TRAFFIC CONTRACTOR SHALL ATTACH THE PROPOSED SPAN WIRES USING A GALVANIZED STEEL BULL RING. THE BULL RING SHALL HAVE A 4-INCH INSIDE DIAMETER AND BE FABRICATED FROM STEEL CONFORMING TO A688, QUENCHED AND TEMPERED. THE BAR DIAMETER SHALL NOT BE LESS THAN 3/4 INCHES. THE WELDLESS RINGS SHALL MEET FEDERAL SPECIFICATION RR-C2718 TYPE VL. THE RINGS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH AISI3 SPECIFICATIONS. TWO GALVANIZED 3-BOLT GUY CLAMPS AND A SERVICE SLEEVE SHALL BE INSTALLED FOR EACH SPAN WIRE ATTACHMENT IN ACCORDANCE WITH STANDARD NO. 1-12 (2005).
  - THE TRAFFIC CONTRACTOR SHALL REMOVE THE EXISTING SPAN WIRES, SIGNAL HEADS, AND ELECTRICAL CABLES.
  - THE TRAFFIC CONTRACTOR SHALL INSTALL THE PROPOSED SPAN WIRES, (2) 16"Ø 14 HEAD CABLES, (4) 4"Ø 18 OPTICOM CABLES, SIGNAL HEADS, OPTICOM RECEIVERS, AND OVERHEAD SIGNS, AS SHOWN.
  - ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN DISPLAYS.
  - THE TRAFFIC CONTRACTOR SHALL REMOVE EXISTING OVERHEAD SIGNS S-4A, S-5A, AND S-6A AND TETHER SPAN WIRES AND INSTALL THE PROPOSED OVERHEAD SIGNS ON THE PROPOSED SPAN WIRE, AS SHOWN.
  - THE CONTRACTOR SHALL REMOVE THE EXISTING JUNCTION WELL, TYPE 1, AND INSTALL THE PROPOSED JUNCTION WELL, TYPE 4 SO THAT IT INTERCEPTS CONDUIT RUNS NOS. 3 AND 4 AND PROPOSED CONDUIT RUN NO. 12.
  - THE CONTRACTOR SHALL SPLICE THE LEAD-IN CABLES FOR THE PROPOSED LOOP DETECTOR TO THE EXISTING 4"Ø 18 'HOME RUN' CABLE.
  - THE TRAFFIC CONTRACTOR SHALL INSTALL THE CAT5e CABLE ALONG THE EAST AND NORTHEAST SPAN WIRES.



SPAN	LENGTH	SPAN MOUNT HEIGHT	5% DROP	BULL RING HEIGHT	SAG	SPAN LOW POINT	BOTTOM OF LOWEST HEAD
NORTHWEST	59 FT	27.3 FT	3.0 FT	24.3 FT	-	-	-
NORTHEAST	62 FT	27.4 FT	3.1 FT	24.3 FT	-	-	-
NORTH	83 FT	-	-	24.3 FT	2.5 FT @ 3X	21.8 FT	17.8 FT
SOUTH	78 FT	24.9 FT	-	-	3.9 FT @ 5X	21.0 FT	17.0 FT
EAST	106 FT	24.3 FT	-	24.3 FT	3.2 FT @ 3X	21.1 FT	17.1 FT
WEST	108 FT	24.3 FT	-	24.3 FT	3.3 FT @ 3X	21.0 FT	17.0 FT

\* FIELD ADJUSTMENTS AS REQUIRED  
 \*\* EXISTING NE SIGNAL POLE IS 28 FEET  
 \*\*\* PROPOSED NW, SW, & SE SIGNAL POLES ARE 28 FEET



LEGEND	
PROPOSED SIGNAL CABINET	REMOVE BY CONTRACTOR
EXISTING SIGNAL CABINET	REMOVE BY DELDOT TRAFFIC
PROPOSED SIGNAL POLE BASE	ABANDON
EXISTING SIGNAL POLE BASE	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
PROPOSED PEDESTRIAN POLE BASE	EXISTING PEDESTRIAN POLE BASE IDENTIFIER (TYPE OF POLE BASE)
EXISTING PEDESTRIAN POLE BASE	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
PROPOSED WOOD POLE	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
EXISTING UTILITY POLE	PROPOSED CONDUIT RUN IDENTIFIER (NO. OF CONDUIT RUN)
PROPOSED JUNCTION WELL	EXISTING CONDUIT RUN IDENTIFIER (NO. OF CONDUIT RUN)
EXISTING JUNCTION WELL	PROPOSED OVERHEAD RUN IDENTIFIER (NO. OF OVERHEAD RUN)
PROPOSED SIGNAL HEAD	EXISTING OVERHEAD RUN IDENTIFIER (NO. OF OVERHEAD RUN)
EXISTING SIGNAL HEAD	PROPOSED PEDESTRIAN SIGNAL HEAD
PROPOSED PEDESTRIAN SIGNAL HEAD	EXISTING PEDESTRIAN SIGNAL HEAD
EXISTING PEDESTRIAN SIGNAL HEAD	PROPOSED PEDESTRIAN PUSHBUTTON (LENGTH OF ARM)
PROPOSED PEDESTRIAN PUSHBUTTON	EXISTING PEDESTRIAN PUSHBUTTON (LENGTH OF ARM)
EXISTING PEDESTRIAN PUSHBUTTON	PROPOSED VIDEO DETECTION (TYPE OF CABINET)
PROPOSED VIDEO DETECTION	EXISTING VIDEO DETECTION (TYPE OF CABINET)
EXISTING VIDEO DETECTION	PROPOSED MICROWAVE DETECTION
PROPOSED MICROWAVE DETECTION	EXISTING MICROWAVE DETECTION
EXISTING MICROWAVE DETECTION	PROPOSED SPAN WIRE
PROPOSED SPAN WIRE	EXISTING SPAN WIRE
EXISTING SPAN WIRE	RIGHT-OF-WAY OR PROPERTY LINE
PROPOSED OPTICOM RECEIVER	PROPOSED SPAN INSULATOR
EXISTING OPTICOM RECEIVER	EXISTING SPAN INSULATOR
PROPOSED MAST ARM	SERVICE PEDESTAL
EXISTING MAST ARM	
PROPOSED LUMINAIRE	
EXISTING LUMINAIRE	
PROPOSED LOOP DETECTOR (TYPE 1 OR 2)	
EXISTING LOOP DETECTOR (TYPE 1 OR 2)	

- GENERAL SIGNAL NOTES**
- PROPOSED LOOP DETECTORS: TYPE #2 - 6' x 25' - TO BE INSTALLED ON EB AND WB SR 2 LEFT-TURN MOVEMENTS. TYPE #3 - 6' x 25' - TO BE INSTALLED ON SB POSSUM PARK RD AND NB SHOPPING CENTER MOVEMENTS. SYSTEM - 6' x 6' - TO BE INSTALLED IN SR 2 AND PARK POSSUM RD RECEIVING LANES, AS SHOWN.
  - PROPOSED SIGNAL POLES ARE 28 FEET.
  - CO #1 IS NOT DRAWN TO SCALE, NOR IS THE DIRECTION NECESSARILY CORRECT.
  - ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
  - ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
  - ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY. AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.
  - POLE BASES AND CONDUIT JUNCTION WELLS ARE TO BE REMOVED IN ACCORDANCE WITH SECTION 201 AND 202 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.

REVISION PREPARED BY PENNONI ASSOCIATES INC.

*Teresa Scrocca* 6/10/2025

THIS SEAL APPLIES TO THE FOLLOWING SHEETS CHANGED UNDER REVISION #2: 52

TERESA M. SCROCCA LICENSE No. 24274 DELAWARE PROFESSIONAL ENGINEER SEAL

RECOMMENDED \_\_\_\_\_ DATE: \_\_\_\_\_

RECOMMENDED \_\_\_\_\_ DATE: \_\_\_\_\_

RECOMMENDED *[Signature]* DATE: 3/23/12

APPROVED TRAFFIC ENGINEER *[Signature]* DATE: 3/23/12

APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER *[Signature]* DATE: *[Signature]*

CONTRACT	PERMIT NO.	N166	SIGNAL PLAN	SHEET NO.
T200800705	DESIGNED BY: D.W.C. (WR&A)		SR 2 @ SR 72	52
COUNTY	CHECKED BY: M.J.B. (WR&A)		(POSSUM PARK ROAD)	TOTAL SHTS.
NEW CASTLE				53

ADDENDUM / REVISIONS

- RELOCATED NW CORNER POLE BASE, TYPE 3 AND POWER AND COMMUNICATION FEEDS AND REPLACED POLE BASE.
- TYPE 4 ON SE & SW CORNERS WITH POLE BASE, TYPE 3.
- D.W.C. (WR&A) 103-121 (CONTRACT # T200800705)
- INSTALLATION OF CCTV CAMERA (PA) (CONTRACT T202506101)

SCALE 0 30 60 90 FEET

As Built Revised 9-3-13 *[Signature]*

**NOTES:**

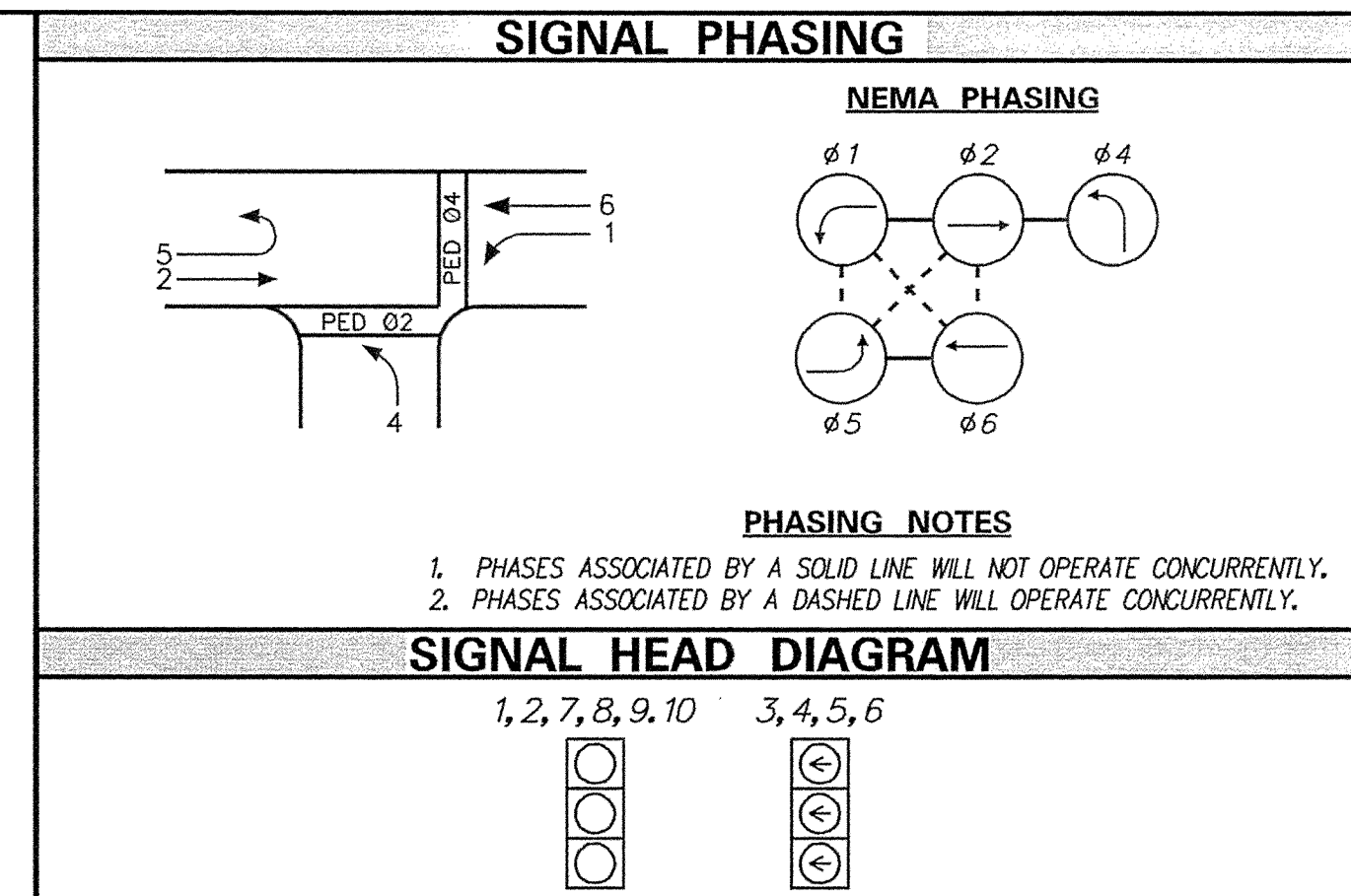
- ALL EXISTING SIGNAL HEADS AND SPAN WIRE TO BE REMOVED BY DELDOT TRAFFIC FORCES. DELDOT TRAFFIC FORCES TO INSTALL NEW BOX SPAN DESIGN AND SIGNAL HEADS.
- SEE SIGNING, STRIPING AND CONDUIT PLANS FOR COMMUNICATION REROUTING.
- CONTRACTOR TO REMOVE EXISTING TYPE 1 JUNCTION WELL (744525) AND REPLACE IN KIND WITH NEW TYPE 4 JUNCTION WELL. ALL COSTS ASSOCIATED WITH REPAIRING THE SIDEWALK SHALL BE INCIDENTAL TO THE JUNCTION WELL ITEM BEING INSTALLED.
- DELDOT TRAFFIC FORCES TO REMOVE EXISTING PEDESTRIAN SIGNAL HEADS AND INSTALL PEDESTRIAN COUNTDOWN DISPLAYS.
- DELDOT TRAFFIC FORCES TO INSTALL TEMPORARY BACK GUYS WHILE EXISTING SIGNAL POLES ARE DOUBLE-LOADED PRIOR TO REMOVAL OF EXISTING X-SPAN.
- DELDOT TMC TO MODIFY EXISTING SIGNAL PHASING TO ACCOMMODATE NEW SIGNAL OPERATION.
- ALL CABLE REMOVAL AND INSTALLATION TO BE COMPLETED BY DELDOT TRAFFIC FORCES. THE CONTRACTOR SHALL CONTACT DELDOT'S SIGNAL CONSTRUCTION MANAGER AT (302)222-5920 A MINIMUM OF TEN (10) DAYS PRIOR TO ANY REQUIRED WORK.
- DELDOT SIGN SHOP TO FURNISH OVERHEAD SIGNS TO DELDOT SIGNAL FORCES FOR INSTALLATION.

**REVISION PREPARED BY**  
**PENNONI ASSOCIATES INC.**

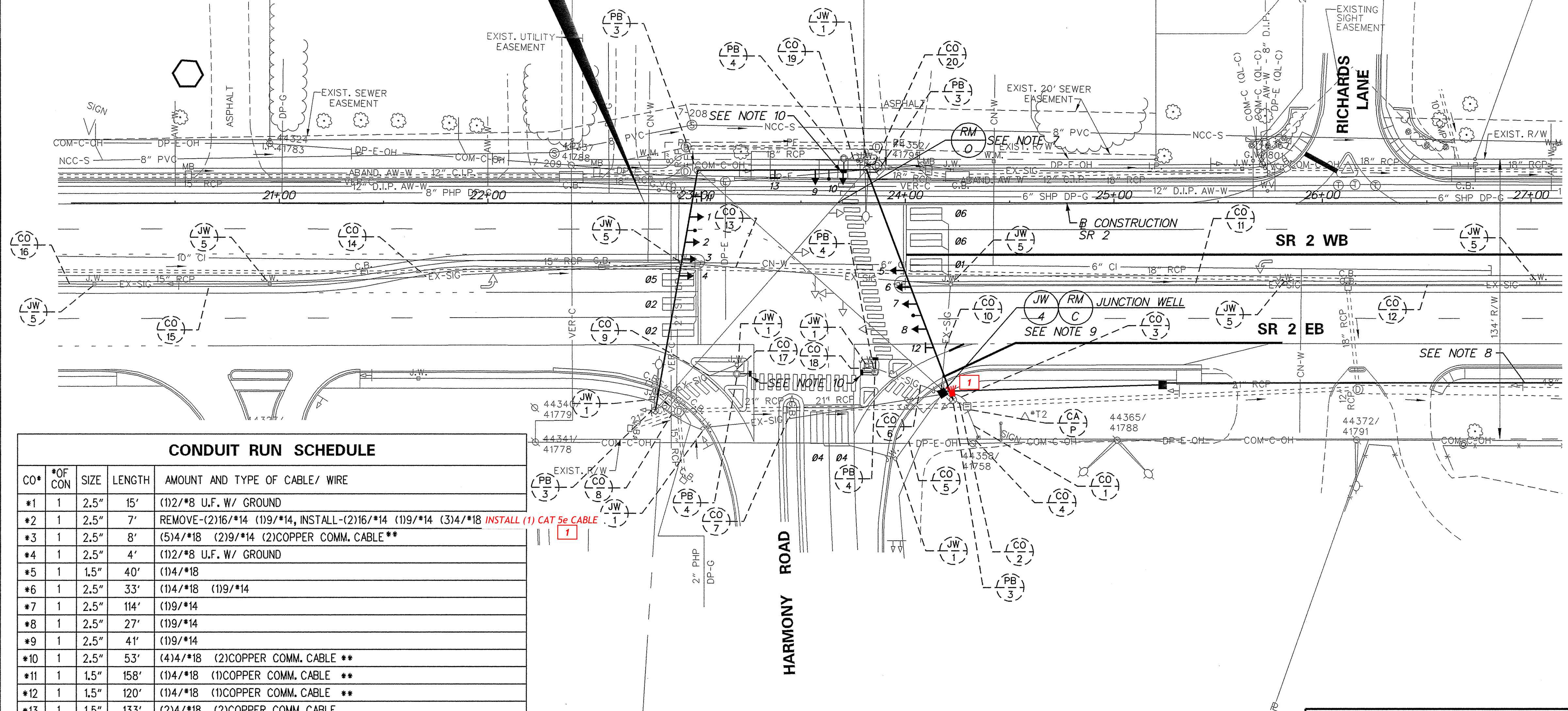
*Teresa Scrocca*      6/10/2025  
 DATE

THIS SEAL APPLIES TO THE FOLLOWING SHEETS  
 CHANGED UNDER REVISION #1:  
 53

TERESA M. SCROCCA  
 LICENSE  
 No. 24274  
 DELAWARE  
 PROFESSIONAL ENGINEER  
 SEAL



**BEGIN  
 CONTRACT T200800712  
 STATION 22+75**



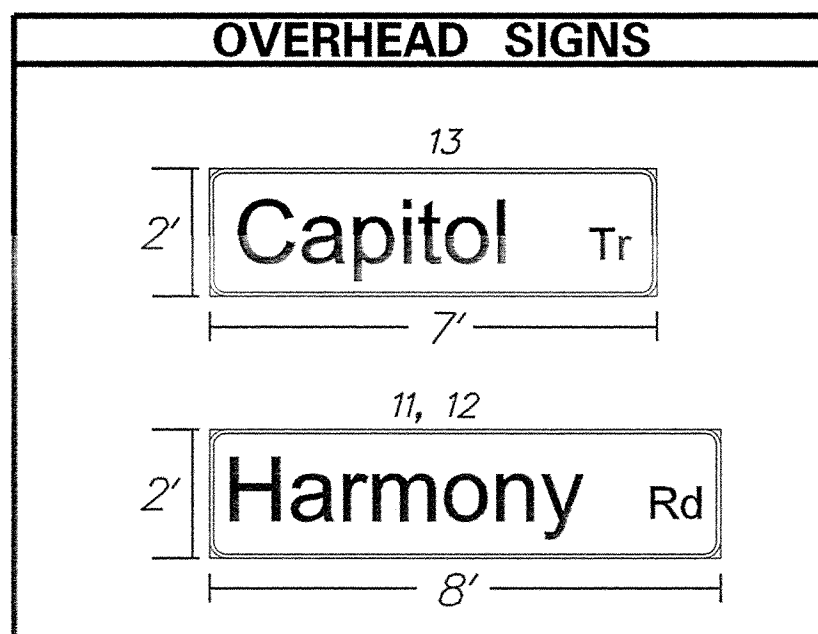
**CONDUIT RUN SCHEDULE**

CO*	# OF CON	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE/ WIRE
*1	1	2.5"	15'	(1)2/*8 U.F. W/ GROUND
*2	1	2.5"	7'	REMOVE-(2)16/*14 (1)19/*14, INSTALL-(2)16/*14 (1)19/*14 (3)14/*18 INSTALL (1) CAT 5e CABLE
*3	1	2.5"	8'	(5)4/*18 (2)19/*14 (2)COPPER COMM. CABLE**
*4	1	2.5"	4'	(1)2/*8 U.F. W/ GROUND
*5	1	1.5"	40'	(1)4/*18
*6	1	2.5"	33'	(1)4/*18 (1)9/*14
*7	1	2.5"	114'	(1)9/*14
*8	1	2.5"	27'	(1)9/*14
*9	1	2.5"	41'	(1)9/*14
*10	1	2.5"	53'	(4)4/*18 (2)COPPER COMM. CABLE**
*11	1	1.5"	158'	(1)4/*18 (1)COPPER COMM. CABLE**
*12	1	1.5"	120'	(1)4/*18 (1)COPPER COMM. CABLE**
*13	1	1.5"	133'	(2)4/*18 (2)COPPER COMM. CABLE
*14	1	1.5"	199'	(1)4/*18 (1)COPPER COMM. CABLE
*15	1	1.5"	85'	(1)4/*18 (1)COPPER COMM. CABLE
*16	1	1.5"	--	(1)COPPER COMM. CABLE
*17	1	2.5"	4'	(1)9/*14
*18	1	2.5"	4'	(1)9/*14
*19	1	2.5"	12'	REMOVE-(1)9/*14 INSTALL-(1)9/*14
*20	1	2.5"	5'	REMOVE-(1)9/*14 INSTALL-(1)9/*14

**SPAN WIRE SCHEDULE**

SPAN	LENGTH	SPAN MOUNT HEIGHT #	* SAG	SPAN LOW POINT	BOTTOM OF LOWEST HEAD
NW - NE	82 FT	24 FT	4 FT @ 5%	20 FT	16 FT
NW - SW	116 FT	26 FT	6 FT @ 5%	20 FT	16 FT
NE - SE	118 FT	26 FT	6 FT @ 5%	20 FT	16 FT

\* FIELD ADJUST AS NEEDED.



**LEGEND**

■ PROPOSED SIGNAL CABINET	○ RM C	REMOVE BY CONTRACTOR
□ EXISTING SIGNAL CABINET	○ RM O	REMOVE BY OTHERS
○ PROPOSED SIGNAL POLE BASE	○ AB	ABANDON
⊗ EXISTING SIGNAL POLE BASE	○ PB X	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
⊙ PROPOSED PEDESTRIAN POLE BASE	○ PB X	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
⊕ EXISTING PEDESTRIAN POLE BASE	○ JW X	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
⊗ PROPOSED WOOD POLE	○ JW X	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
⊕ EXISTING WOOD POLE	○ CO *	PROPOSED CONDUIT RUN IDENTIFIER (* OF CONDUIT RUN)
■ PROPOSED JUNCTION WELL	○ CO *	EXISTING CONDUIT RUN IDENTIFIER (* OF CONDUIT RUN)
J.W. EXISTING JUNCTION WELL	○ OH *	PROPOSED OVERHEAD RUN IDENTIFIER (* OF OVERHEAD RUN)
➔ PROPOSED SIGNAL HEAD	○ OH *	EXISTING OVERHEAD RUN IDENTIFIER (* OF OVERHEAD RUN)
➔ EXISTING SIGNAL HEAD	○ MA XX	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)
➔ PROPOSED PEDESTRIAN SIGNAL HEAD	○ MA XX	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)
➔ EXISTING PEDESTRIAN SIGNAL HEAD	○ CA X	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)
➔ PROPOSED PEDESTRIAN PUSHBUTTON	○ CA X	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)
➔ EXISTING PEDESTRIAN PUSHBUTTON	—	PROPOSED SPAN WIRE
➔ PROPOSED VIDEO DETECTION	— XX	EXISTING SPAN WIRE
➔ EXISTING VIDEO DETECTION	---	RIGHT-OF-WAY OR PROPERTY LINE
➔ PROPOSED MICROWAVE DETECTION	◆	PROPOSED SPAN INSULATOR
➔ EXISTING MICROWAVE DETECTION	◇	EXISTING SPAN INSULATOR
➔ OVERHEAD SIGNING	□	SERVICE PEDESTAL
➔ PROPOSED OPTICOM RECEIVER	□	
➔ EXISTING OPTICOM RECEIVER		
➔ PROPOSED MAST ARM		
➔ EXISTING MAST ARM		
➔ PROPOSED LUMINAIRE		
➔ EXISTING LUMINAIRE		
➔ PROPOSED LOOP DETECTOR (TYPE TOR 2)		
➔ EXISTING LOOP DETECTOR (TYPE TOR 2)		

- GENERAL SIGNAL NOTES**
- DETECTION - S.C.A.T.S.
  - LOOP DETECTORS: S.C.A.T.S - 6' x 15' - ALL APPROACHES.
  - ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
  - CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTIONS 201 AND 202 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
  - ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS, SET SCREW, BOLTED, AND COMPRESSION FITTINGS ARE NOT ACCEPTABLE.
  - ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY, AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.

RECOMMENDED _____ DATE: _____	RECOMMENDED _____ DATE: _____	RECOMMENDED <i>[Signature]</i> DATE: 8/5/10	APPROVED TRAFFIC ENGINEER <i>[Signature]</i> DATE: 8/5/10		
ADDENDUM / REVISIONS					
<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">1 INSTALLATION OF CCTV CAMERA (PAI) (CONTRACT T202506101)</td> <td style="width: 50%;"></td> </tr> </table>				1 INSTALLATION OF CCTV CAMERA (PAI) (CONTRACT T202506101)	
1 INSTALLATION OF CCTV CAMERA (PAI) (CONTRACT T202506101)					
<p><b>DELAWARE DEPARTMENT OF TRANSPORTATION</b></p>		<p>SCALE</p> <p>0 30 60 90 FEET</p>	<p><b>HSIP NCC-SR 2 AND UPPER PIKE CREEK ROAD INTERSECTION IMPROVEMENTS</b></p>		
<p>CONTRACT T200800712</p> <p>COUNTY NEW CASTLE</p>		<p>PERMIT NO. N-301</p> <p>DESIGNED BY: JCR</p> <p>CHECKED BY: CDW</p>	<p><b>SIGNAL PLAN</b></p> <p><b>SR 2 (KIRKWOOD HWY) @ HARMONY ROAD</b></p> <p>SHEET NO. 53</p> <p>TOTAL SHTS. 53</p>		

8/4/2010 3:19:32 PM \\RRK\N\2008\2008\0813\_SR2HSIP\_CADD\2800712\_PLANS\SC01\_SR2.DGN