THE STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY UNITS

CONSTRUCTION PLANS FOR:

OPEN-END CONSTRUCTION SERVICES, KENT & SUSSEX COUNTY TASK 5 - US 113 AT WOOD BRANCH RD INTERSECTION IMPROVEMENTS

CONTRACT NUMBER: T201904003

FEDERAL AID PROJECT NUMBER: ESTP-2019(10)

COUNTY: SUSSEX M.R. #: 113

UNOFICIAL WEBSITE COPY

DESIGN DESIGNATION

MRD #: 113	ROAD NAME: DUPONT BOULEVARD		
FUNCTIONAL CLASS: PRINCIPAL ARTERIAL		D.H.V. PROJECTED: 5900	YEAR: 2050
TYPE OF CONSTRUCTION: INTERSECTION IMPROV.		DESIGN SPEED: 60 M.P.H.	
A.A.D.T. CURRENT: 27300	YEAR: 2018	TRUCKS: 9.00 %	
A.A.D.T. PROJECTED: 55100	YEAR: 2050	DIRECTION OF DISTRIBUTION: 57.00 %	

APPROVED DESIGN EXCEPTIONS

DESIGN PARAMETER	REQUIRED	PROVIDED	DATE

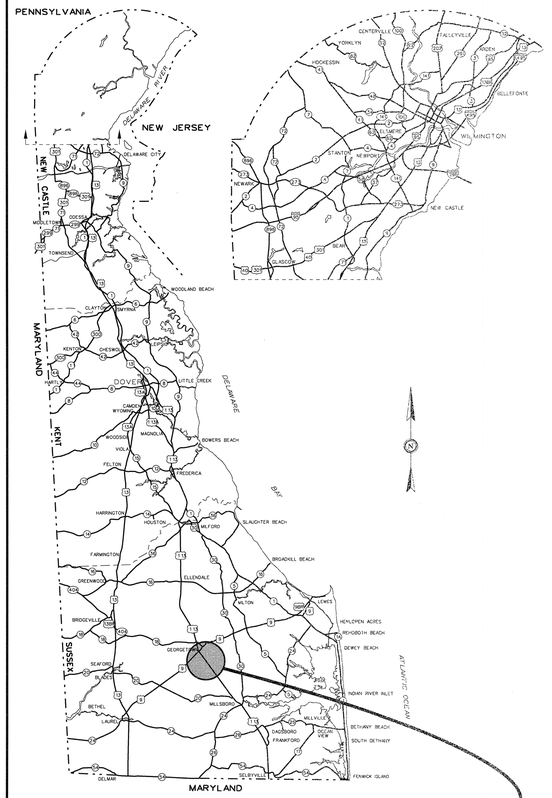
ADDENDA / REVISIONS

ASSOCIATED CONTRACTS

CONTRACT NO.	CONTRACT NAME
145	US113, SELBYVILLE TO GEORGETOWN WIDENING
845	US113, DAGSBORO CUTOFF TO GEORGETOWN WIDENING
1727	SR325
65-07-012	US113, ROAD 432 TO GEORGETOWN
RM1	COLEMAN DUPONT ROAD
90-063-04	US113 GEORGETOWN, SR321 TO SR 404

APPROVED FOR ADVERTISEMENT

DIRECTOR OF TRANSPORTATION SOLUTIONS — DATE: 09/04/2019



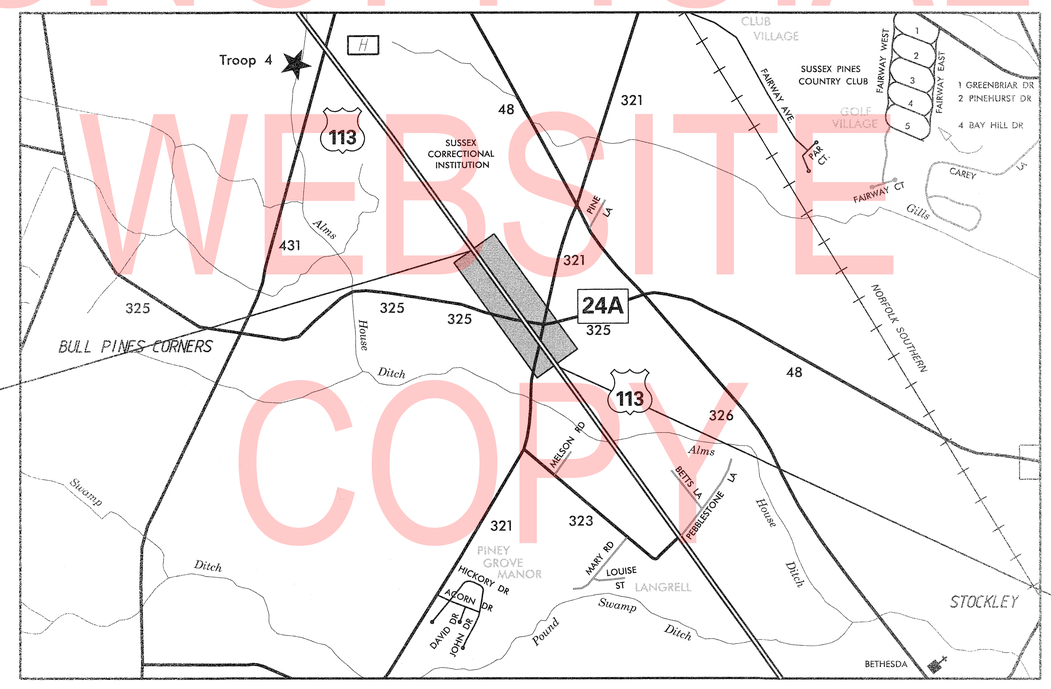
GENERAL LOCATION OF CONTRACT

PREPARED BY
DELDOT – TRANSPORTATION SOLUTIONS
PROJECT DEVELOPMENT

THIS SEAL APPLIES TO ALL SHEETS BEARING THE "PD" SECTION DESIGNATION. — DATE: 9/4/19

MARK WHITESIDE — LICENSED — No. 20135 — DELAWARE — PROFESSIONAL ENGINEER — SEAL

BEGIN TASK
STATION 102+50.00



LOCATION MAP
NOT TO SCALE

END TASK
STATION 113+00.00

LAST REVISED: 09/11/2018
21-AUG-2019
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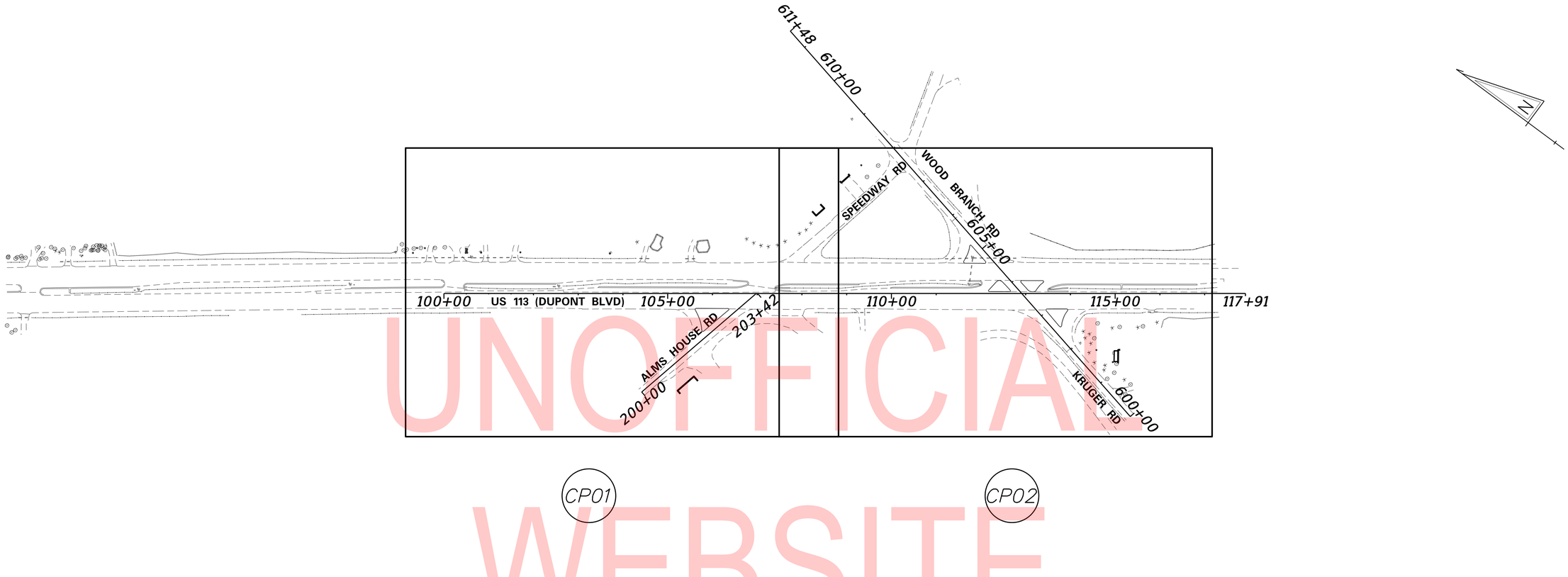

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ADDENDA / REVISIONS

SCALE 0 120 240 360 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT T201904003
COUNTY SUSSEX
BRIDGE NO. N/A
DESIGNED BY: ASH
CHECKED BY: MSW

INDEX OF SHEETS

IS-01
SECTION PD
SHEET NO. 2

04-SEP-2019
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ADDENDUM PREPARED BY
DELDOT – TRANSPORTATION SOLUTIONS
XXXXXXXXXXXXXXXXXXXXX

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

DATE

SEAL

REVISION PREPARED BY
DELDOT – TRANSPORTATION SOLUTIONS
XXXXXXXXXXXXXXXXXXXXX

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

DATE

SEAL

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21-AUG-2019
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ADDENDA / REVISIONS		NOT TO SCALE	US 113 AT WOOD BRANCH RD INTERSECTION IMPROVEMENTS	CONTRACT T201904003	BRIDGE NO. N/A	ADDENDA AND REVISIONS	AR-01
				COUNTY SUSSEX	DESIGNED BY: ASH		SECTION PD
					CHECKED BY: MSW		SHEET NO. 3

EXISTING SYMBOLS

DRAINAGE

	DITCH OR STREAM CENTERLINE
	DIRECTIONAL STREAM FLOW ARROW
C.B. / D.I.	DRAINAGE INLET
J.B.	DRAINAGE JUNCTION BOX
D	DRAINAGE MANHOLE
SIZE/TYPE LABEL	DRAINAGE PIPE AND FLOW ARROW
	DRAINAGE PIPE HEADWALL
	RIPRAP - AREA FEATURE
	RIPRAP - LINEAR FEATURE

MANMADE ROADSIDE FEATURES

	BOLLARD - STEEL POLE
	BOLLARD - WOOD POST
(TYPE LABEL)	CURB
(TYPE LABEL)	CURB AND GUTTER
	FENCE - CHAINLINK OR STRANDED
	FENCE - STOCKADE OR SPLIT RAIL
F.P.	FLAG POLE
	GUARDRAIL - STEEL BEAM
	GUARDRAIL - WIRE ROPE
LAMP	LAMP AND POST - RESIDENTIAL
MB	MAILBOX
P.M.	PARKING METER AND POST
	PAVEMENT - FLEXIBLE
	PAVEMENT - RIGID
	PILE - BRIDGE
	PILLAR OR MISCELLANEOUS POST
	TRAFFIC SIGN AND POST
	WALL - BRICK OR BLOCK
	WALL - STONE

NATURAL ROADSIDE FEATURES

	GRASS LAWN
	HEDGEROW OR THICKET
	MARSH BOUNDARY LINE
	TREE - CONIFEROUS
	TREE - DECIDUOUS
	TREE STUMP
	SHRUBBERY
WL	DELINEATED WETLAND BOUNDARY LINE
	WOODS LINE BOUNDARY

RIGHT-OF-WAY SYMBOLS

C.M.	PROPERTY MARKER - CONCRETE MON.
I.P.	PROPERTY MARKER - IRON PIPE
100+00	HISTORIC RIGHT-OF-WAY BASELINE
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
EASEMENT TYPE	EXISTING EASEMENT
DA	EXISTING DENIAL OF ACCESS
R/W-DA	EXISTING R/W & DENIAL OF ACCESS

SURVEY CONTROL & MONUMENTATION

B.M.	SURVEY BENCHMARK LOCATION
T.P.	SURVEY TIE POINT LOCATION
	SURVEY TRAVERSE POINT
	POINT OF CURVATURE OR TANGENCY
	POINT OF INTERSECTING TANGENTS

UTILITY

	SOIL BORING LOCATION
	UTILITY TEST HOLE LOCATION
TV	CABLE TV DISTRIBUTION BOX
E	ELECTRIC MANHOLE
EM	ELECTRIC METER
E	ELECTRIC TRANSFORMER
	POLE MOUNTED LUMINAIRE
G	GAS MANHOLE
G.M.	GAS METER
G.V.	GAS VALVE
G.P.	GAS PUMP - SERVICE STATION
	RAILROAD TRACKS
S	SANITARY SEWER MANHOLE
S.V.	SANITARY SEWER VALVE
S.C.O.	SANITARY SEWER CLEANOUT OR VENT
S.D.F.	SEPTIC DRAIN FIELD
B	TELEPHONE BOOTH
T	TELEPHONE MANHOLE
T	TELEPHONE TEST POINT
J.W.	TRAFFIC - CONDUIT JUNCTION WELL
	TRAFFIC - LIGHT POLE AND BASE
	TRAFFIC - PEDESTRIAN POLE & BASE
	TRAFFIC - SIGNAL CABINET & BASE
	TRAFFIC - SIGNAL POLE AND BASE
U	UTILITY BOX
	UTILITY POLE GUY WIRE ANCHOR
	UTILITY POLE
F.H.	WATER - FIRE HYDRANT
W.M.	WATER METER
WV	WATER VALVE
WELL	WELL HEAD
?	MANHOLE - UNDETERMINED OWNER

PROPOSED SYMBOLS

CONSTRUCTION

	CONCRETE SAFETY BARRIER - PERMANENT
BFS	BIOFILTRATION SWALE
	TURF REINFORCEMENT MAT, TYPE 1
	BUTT JOINT
CZ	CLEAR ZONE
100+00	CONSTRUCTION BASELINE
CSF	CONSTRUCTION SAFETY FENCE
	CURB, TYPE 1 & TYPE 3
	CURB, TYPE 2
	CURB & GUTTER, TYPE 1
	CURB & GUTTER, TYPE 2
	CURB & GUTTER, TYPE 3
	CURB & GUTTER, TYPE 4
	CURB OPENING - SUMP / ON GRADE
	CURB OPENING WITH SIDEWALK
	DRAINAGE INLET
	DITCH
	FENCE - METAL / FENCE - WOOD
	FLARED END / SAFETY END SECTION
	GUARDRAIL, TYPE 1
	GUARDRAIL, TYPE 2
	GUARDRAIL, TYPE 3
	GUARDRAIL END ANCHORAGE
	GUARDRAIL END TREATMENT, TYPE 1
	GUARDRAIL END TREATMENT, TYPE 2
	GUARDRAIL END TREATMENT, TYPE 3
	IMPACT ATTENUATOR
	JUNCTION BOX - DRAINAGE
LO	LATERAL OFFSET
LOC	LIMIT OF CONSTRUCTION
MB	MAILBOX
	MANHOLE
	PAVEMENT PATCH
	PAVEMENT REMOVAL - TOPSOIL, SEED AND MULCH
	PIPE & DIRECTIONAL FLOW ARROW
	RIPRAP
	P.C.C. SIDEWALK - 4"
	P.C.C. SIDEWALK - 6" (USE 8" DEPTH FOR CHANNELIZATION ISLANDS.)
	UNDERDRAIN
	UNDERDRAIN OUTLET

RIGHT-OF-WAY SYMBOLS

	PROPOSED RIGHT-OF-WAY MONUMENT
DA	PROPOSED DENIAL OF ACCESS
PE	PROPOSED PERMANENT EASEMENT
R/W	PROPOSED RIGHT-OF-WAY
R/W-DA	PROPOSED R/W & DENIAL OF ACCESS
RTE	RIGHT-TO-ENTER
TCE	TEMPORARY CONSTRUCTION EASEMENT
100+00	PROPOSED RIGHT-OF-WAY BASELINE

IDENTIFIERS

A / C	ADJUST BY CONTRACTOR
A / C	ADJUST BY OTHERS
B / XXX	CONCRETE SAFETY BARRIER
C / XXX	CURB OR CURB & GUTTER
CJB / XXX	CONVERT TO JUNCTION BOX
CMH / XXX	CONVERT TO DRAINAGE MANHOLE
C / O	CURB OPENING - SUMP / ON GRADE
CO / SW	CURB OPENING WITH SIDEWALK
PC / XX	PEDESTRIAN CONNECTION / TYPE
PC-N / XXX	PEDESTRIAN CONNECTION / TYPE WITHOUT SIDEWALK SURFACE DETECTABLE WARNING SYSTEM
CSF / XXX	CONSTRUCTION SAFETY FENCE
DI / XXX	DRAINAGE INLET
DND	DO NOT DISTURB
ED / XXX	ENERGY DISSIPATOR
F / XXX	FENCE
FES / XXX	FLARED END SECTION
FF / C	FILL WITH FLOWABLE FILL
FS	FILTRATION STRUCTURE
GR / XXX	GUARDRAIL
JB / XXX	JUNCTION BOX
MH / XXX	MANHOLE
M / XXX	MONUMENT - RIGHT-OF-WAY
P / XXX	PIPE
RL / C	RELOCATE BY CONTRACTOR
RL / O	RELOCATE BY OTHERS
RL / PO	RELOCATE BY PROPERTY OWNER
RM / C	REMOVE BY CONTRACTOR
RM / TC	REMOVE BY TRAFFIC CONTRACTOR
RM / O	REMOVE BY OTHERS
SES / XXX	SAFETY END SECTION
UD / XXX	UNDERDRAIN / LENGTH
UDO / XXX	UNDERDRAIN OUTLET PIPE

LANDSCAPING

LS / XXX	LANDSCAPE PLANTINGS
	SHRUBBERY
	CONIFEROUS TREE
	DECIDUOUS TREE

TRAFFIC

ITMS-CON	ITMS CONDUIT
SIG-CON	SIGNAL CONDUIT
	CONDUIT JUNCTION WELL
	LUMINAIRE
	PAVEMENT MARKINGS
	PAVEMENT STRIPING
	TRAFFIC SIGN

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

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ADDENDA / REVISIONS

US 113 AT WOOD BRANCH RD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY		
SUSSEX	CHECKED BY: MSW	

LEGEND

LG-01

SECTION	SHEET NO.
PD	4

21-AUG-2019
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GENERAL NOTES

1. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", DATED AUGUST 2016 AND THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS", DATED 2014, INCLUDING ALL REVISIONS UP TO THE DATE OF ADVERTISEMENT.

2. ELECTRONIC PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE AWARDED CONTRACTOR, INCLUDE:

( )	NONE
(X)	ASCII DATA FILES WITH COORDINATES AND ELEVATIONS FOR PROPOSED POINTS AS SELECTED BY THE ENGINEER.
(X)	ALL PLAN SHEETS, IN PDF FORMAT.
( )	EXISTING DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
( )	PROPOSED DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
( )	DESIGN FILE, IN .DGN FILE FORMAT, CONTAINING ONLY THE PROPOSED 3D TRIANGLES OF THE PROPOSED DIGITAL TERRAIN MODEL (DTM).

NOTE: THE DOCUMENT ENTITLED "RELEASE FOR DELIVERY OF DOCUMENTS IN ELECTRONIC FORM TO A CONTRACTOR" MUST BE SIGNED BY ALL PARTIES PRIOR TO THE DELIVERY OF ANY ELECTRONIC PROJECT FILES.

3. PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE CONTRACTOR, INCLUDE:

(X)	CROSS SECTIONS
( )	RIGHT-OF-WAY PLANS (WILL BE MADE AVAILABLE TO THE AWARDED CONTRACTOR)

4. THE DISTURBED AREA FOR THIS PROJECT IS 1.20 ACRES.

PROJECT NOTES

SECTION 100

1. 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.

2. THE CONTRACTOR WILL CONTACT THE DELAWARE TMC AT 302-659-4600 PRIOR TO ANY UNMANNED AIRCRAFT VEHICLE (UAV) FLIGHTS. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE THE FOLLOWING INFORMATION: THE REGISTRATION NUMBER OF THE UAV, THE FLIGHT TIME, LOCATION OF THE FLIGHT, THE PILOT'S NAME AND THE PILOT'S CONTACT NUMBER DURING THE FLIGHT.

SECTION 200

3. ITEMS TO BE REMOVED UNDER ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
   a. DRAINAGE INLET LOCATED AT 111+73.81.

SECTION 400

4. ALL ROADWAY WORK BEING DONE ON ALMS HOUSE RD AND WOOD BRANCH RD IS TO BE BUILT ACCORDING TO THE PROPOSED PAVEMENT BOX DESIGN BEING IMPLEMENTED ON US 113.

SECTION 600

5. DRAINAGE INLET GRATES ADJACENT TO THE CURB OR EDGE PAVING, WITHIN THE PROJECT LIMITS, WHICH ARE NOT TYPE 1 OR TYPE 4, SHALL BE REPLACED WITH TYPE 1. INLET GRATES WITHIN THE PAVING, NOT ADJACENT TO THE CURB OR EDGE OF PAVING SHALL BE REPLACED WITH TYPE 3. THE ACTUAL LOCATIONS, THE NEED FOR ANY GRATE MODIFICATIONS OR FOR NEW FRAMES SHALL BE DETERMINED BY THE ENGINEER. ALL REPLACED GRATES/FRAMES SHALL BE DELIVERED TO THE NEAREST DISTRICT MAINTENANCE YARD WITH THE COST OF DELIVERY INCIDENTAL TO ITEM 602100 - REPLACING DRAINAGE INLET GRATE(S) & ITEM 602101 - REPLACING DRAINAGE INLET FARME(S). FINAL PAYMENT FOR REPLACED GRATES/FRAMES SHALL NOT BE MADE UNTIL RECEIPT OF DELIVERED MATERIALS IS PRODUCED, SIGNED BY A DELDOT MAINTENANCE YARD SUPERVISOR.

6. STATION AND ELEVATION DATA GIVEN FOR DRAINAGE STRUCTURES ARE TO BE APPLIED TO THE CENTER OF THE GRATE FOR INLETS AND TO THE CENTER OF THE STRUCTURE FOR JUNCTION BOXES AND MANHOLES.

SECTION 700

7. ALL PAVED AREAS TO BE RECONSTRUCTED OR WIDENED SHALL BE SAWCUT AT THE POINT WHERE THE NEW PAVEMENT IS TO TIE INTO THE EXISTING PAVEMENT.

8. ALL WORK REQUIRED FOR CALCULATING AND STAKING OUT OF GRADES SHALL BE PAID FOR UNDER ITEM 763501 - CONSTRUCTION ENGINEERING.

9. PORTLAND CEMENT CONCRETE CHANNELIZING ISLANDS THAT ARE LESS THAN 75 SQ FT MAY BE POURED MONOLITHICALLY, OR AS DIRECTED BY THE ENGINEER.

SECTION 900

10. THIS PROJECT IS COVERED UNDER AN NPDES GENERAL PERMIT FOR CONSTRUCTION. UNDER THE GENERAL PERMIT, COMPLIANCE WITH DELDOT'S APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS WILL CONSTITUTE COMPLIANCE WITH THE NPDES INDUSTRIAL PERMITTING REQUIREMENTS FOR THIS CONSTRUCTION PROJECT. A COPY OF THE NPDES GENERAL PERMIT AND NOI IS KEPT ON FILE IN EACH OF THE CONSTRUCTION OFFICES AND THE DEPARTMENT'S STORMWATER SECTION. A COPY OF THE GENERAL PERMIT OR THE NOI CAN BE OBTAINED UPON REQUEST FROM EITHER THE DEPARTMENT'S STORMWATER ENGINEER OR THE APPROPRIATE CONSTRUCTION ENGINEER.

MISCELLANEOUS

11. 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 A 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.

12. ALL DART SIGNS HAVE BEEN UPDATED TO A NEW DESIGN. THE DELDOT SIGN SHOP DOES NOT FABRICATE THE UPDATED SIGN OR ANY SUPPLEMENTAL LAQUES TO ALLOW FOR ADDITIONAL ROUTE NUMBERS. ALL REQUESTS FOR FABRICATION OF THESE SIGNS MUST BE MADE THROUGH DART TRANSIT AT (302) 576-6132.

13. THERE ARE NO ENVIRONMENTAL PERMITS ASSOCIATED WITH THIS PROJECT. AS SUCH, AN ENVIRONMENTAL COMPLIANCE SHEET WAS NOT PROVIDED.

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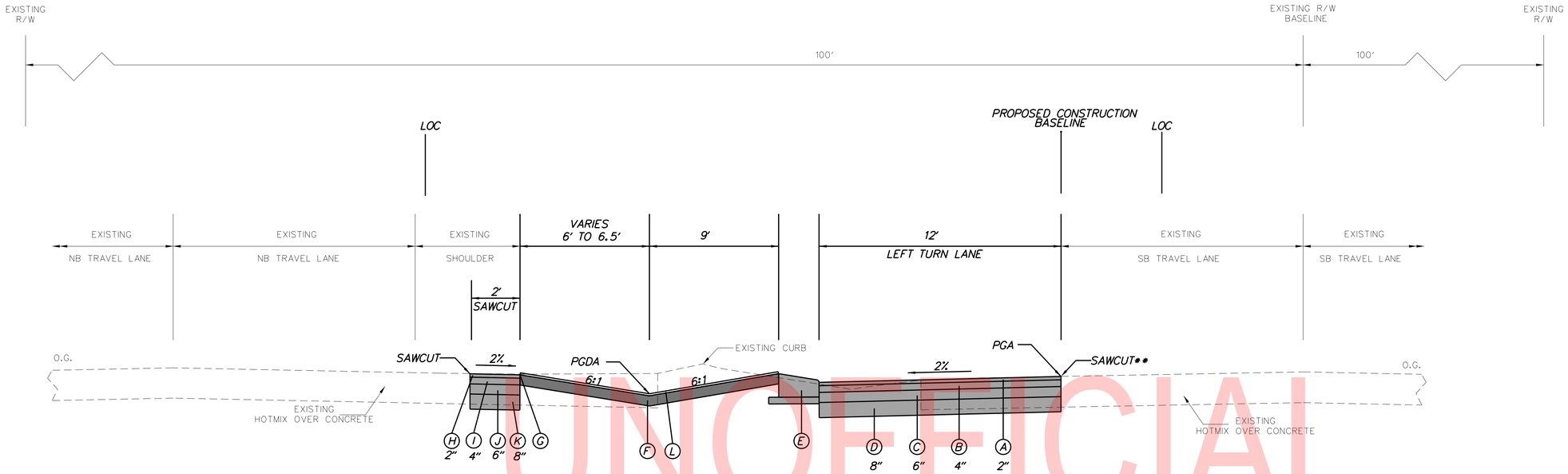
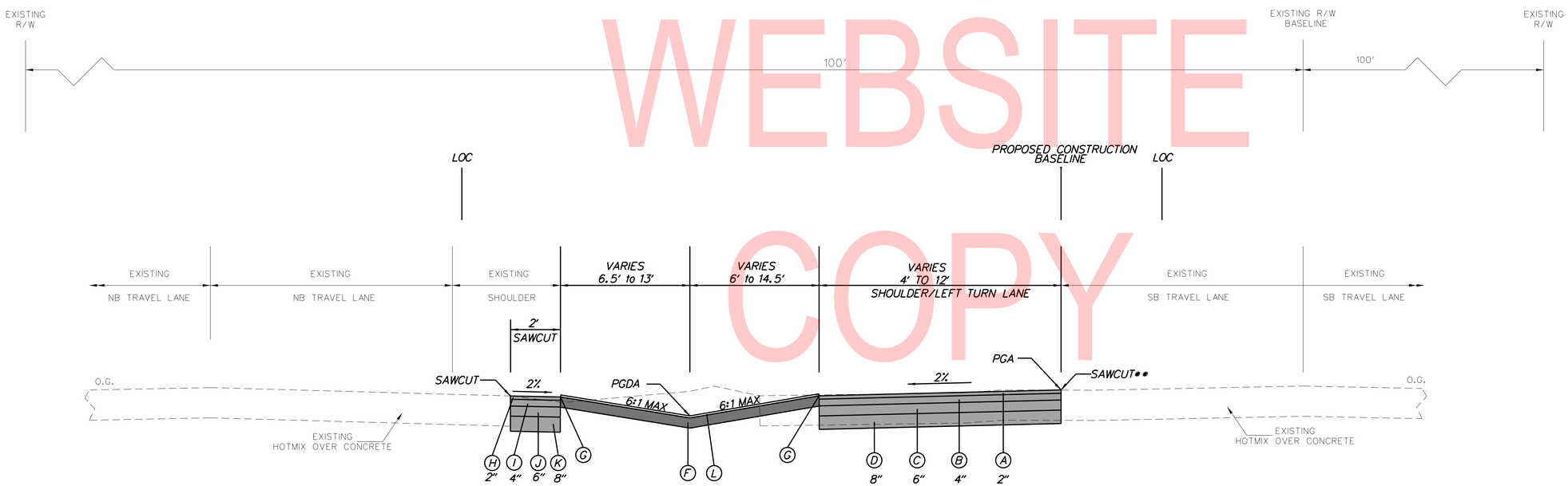


TYPICAL NORMAL SECTION – US 113
STATION 107+42.00 TO STATION 111+70.00



TYPICAL NORMAL SECTION – US 113
STATION 102+50.00 TO STATION 107+42.00

LEGEND

- (A) ITEM 401045 - SUPERPAVE, TYPE C, PG 70-22 (NON CARBONATE STONE)
- (B) ITEM 401015 - SUPERPAVE, TYPE B, PG 70-22
- (C) ITEM 401021 - SUPERPAVE, BCBC, PG 64-22
- (D) ITEM 301001 - GRADED AGGREGATE BASE COURSE, TYPE B
- (E) ITEM 701014 - P.C.C. CURB, TYPE 2 OVER 4" GABC, TYPE B
- (F) ITEM 908004 - TOPSOIL, 6" DEPTH; ITEM 908014- PERMANENT GRASS SEEDING, DRY GROUND
- (G) SAFETY EDGE FOR ROADWAY PAVEMENT
- (H) ITEM 401029 - SUPERPAVE TYPE C, PG 64-22, PATCHING
- (I) ITEM 401030 - SUPERPAVE TYPE B, PG 64-22, PATCHING
- (J) ITEM 401031 - SUPERPAVE, TYPE BCBC, PG 64-22, PATCHING
- (K) ITEM 301002 - GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING
- (L) ITEM 908020 - EROSION CONTROL BLANKET MULCH

** SAWCUT AT EXISTING EDGE OF SB TRAVEL LANE

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ADDENDA / REVISIONS	NOT TO SCALE	US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS	CONTRACT T201904003	BRIDGE NO. N/A	TYPICAL SECTIONS	TS-01
			COUNTY SUSSEX	DESIGNED BY: ASH		SECTION PD
				CHECKED BY: MSW		SHEET NO. 6

CONSTRUCTION ALIGNMENT CONTROL

POINT NO.	STATION	OFFSET	NORTHING	EASTING
10000	100+00.00	0.00	238353.4343	669638.2834
10001	105+00.00	0.00	237951.9265	669936.2624
10002	110+00.00	0.00	237550.4188	670234.2414
10003	115+00.00	0.00	237148.9110	670532.2204
10004	117+91.15	0.00	236915.1103	670705.7355
20000	200+00.00	0.00	237867.2983	669724.8079
20001	203+37.75	0.00	237792.9268	670054.2640
60000	600+00.00	0.00	236957.8676	670331.4570
60001	605+00.00	0.00	237446.9374	670435.4317
60002	610+00.00	0.00	237936.0072	670539.4065
60003	611+48.39	0.00	238081.1566	670570.2648

EXISTING R/W ALIGNMENT CONTROL

POINT NO.	STATION	OFFSET	NORTHING	EASTING
50000	500+00.00	0.00	238347.1768	669629.8517
50001	505+00.00	0.00	237945.6690	669927.8307
50002	510+00.00	0.00	237544.1612	670225.8097
50003	515+00.00	0.00	237142.6534	670523.7887
50004	517+91.00	0.00	236908.8528	670697.3038

HORIZONTAL / VERTICAL CONTROL DATA

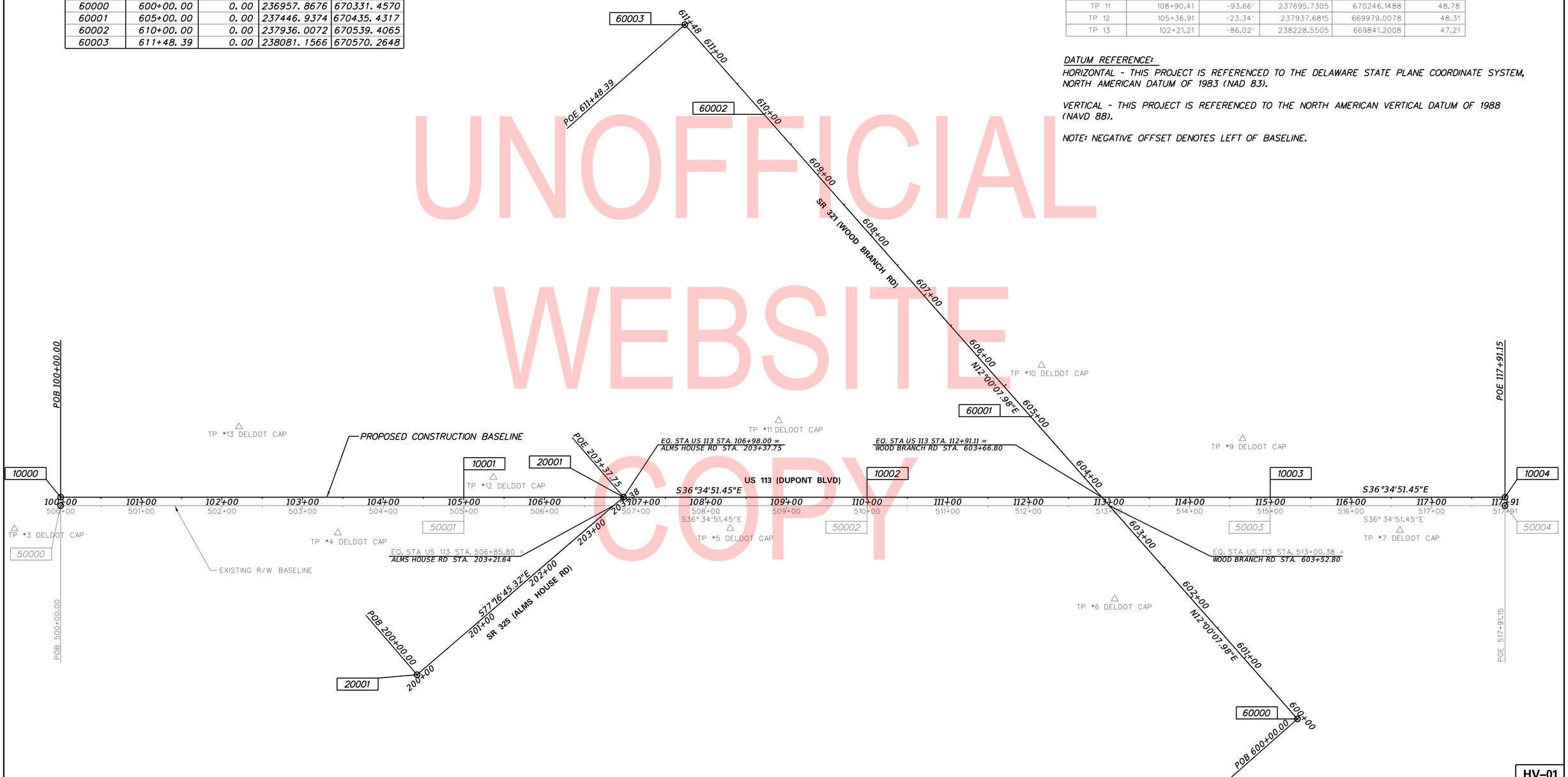
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION
TP 3	N/A	N/A	238376.8545	669573.5148	46.93
TP 4	103+43.76	45.58'	238051.7185	669808.5558	46.46
TP 5	108+30.29	40.12'	237664.2755	670102.8898	47.59
TP 6	113+07.10	127.50'	237229.3215	670316.8848	45.94
TP 7	116+60.87	42.38'	236995.9645	670596.0638	42.56
TP 9	114+65.78	-71.20'	237220.3105	670571.0048	44.52
TP 10	112+16.38	-162.22'	237474.8255	670495.4668	48.45
TP 11	108+90.41	-93.66'	237695.7305	670246.1488	48.78
TP 12	105+36.91	-23.34'	237937.6815	669979.0078	48.31
TP 13	102+21.21	-86.02'	238228.5505	669841.2008	47.21

DATUM REFERENCE:

HORIZONTAL - THIS PROJECT IS REFERENCED TO THE DELAWARE STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (NAD 83).

VERTICAL - THIS PROJECT IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

NOTE: NEGATIVE OFFSET DENOTES LEFT OF BASELINE.



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ADDENDA / REVISIONS

SCALE 0 60 120 180 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY		
SUSSEX	CHECKED BY: MSW	

HORIZONTAL AND VERTICAL CONTROL

HV-01

SECTION PD

SHEET NO. 7

21-AUG-2019
16:20
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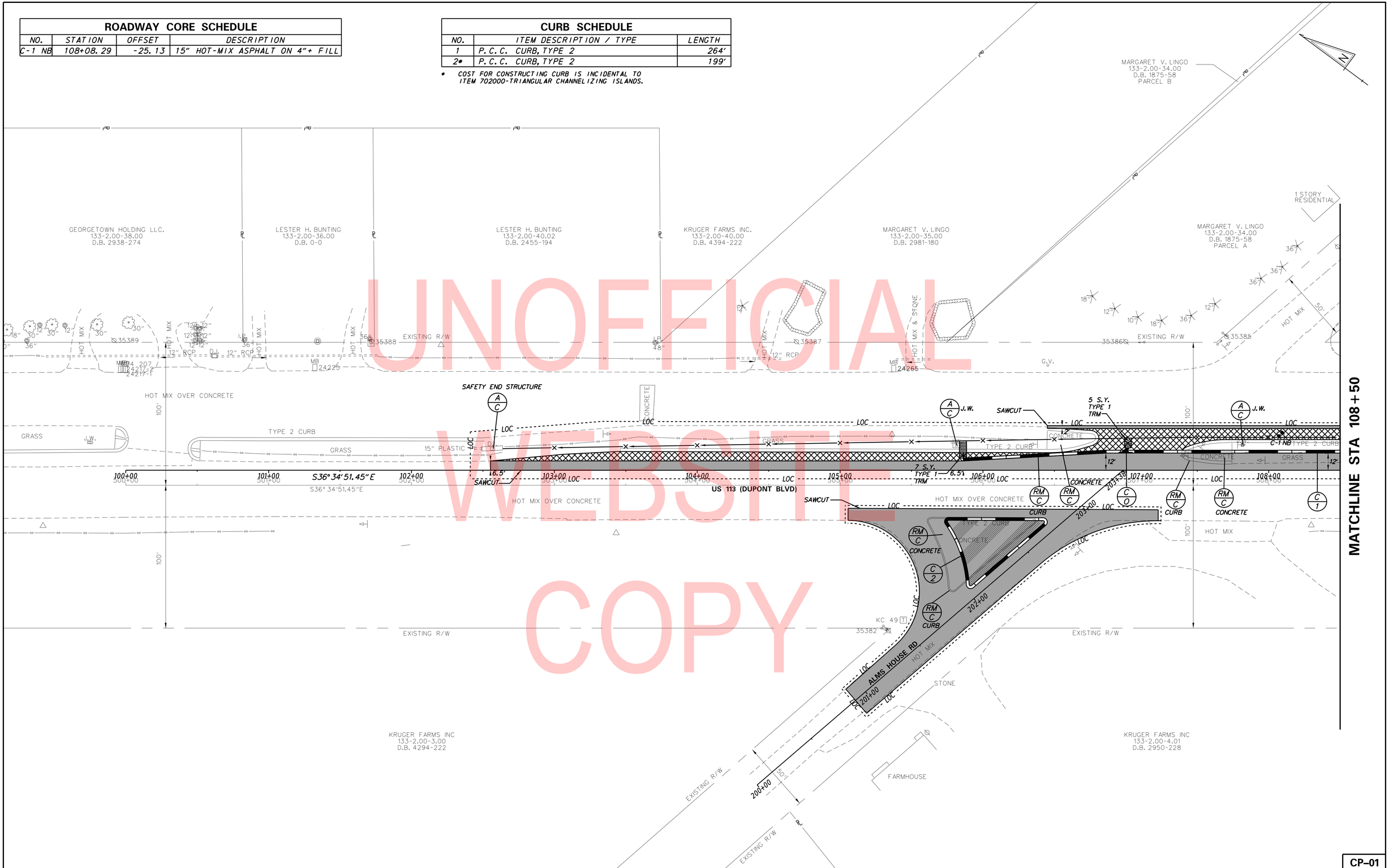
ROADWAY CORE SCHEDULE			
NO.	STATION	OFFSET	DESCRIPTION
C-1 NB	108+08.29	-25.13	15" HOT-MIX ASPHALT ON 4"+ FILL

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
1	P.C.C. CURB, TYPE 2	264'
2*	P.C.C. CURB, TYPE 2	199'

* COST FOR CONSTRUCTING CURB IS INCIDENTAL TO ITEM 702000-TRIANGULAR CHANNELIZING ISLANDS.



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ADDENDA / REVISIONS	

SCALE 0 30 60 90 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY	CHECKED BY: MSW	
SUSSEX		

CONSTRUCTION PLAN

CP-01	
SECTION	PD
SHEET NO.	8

21-AUG-2019
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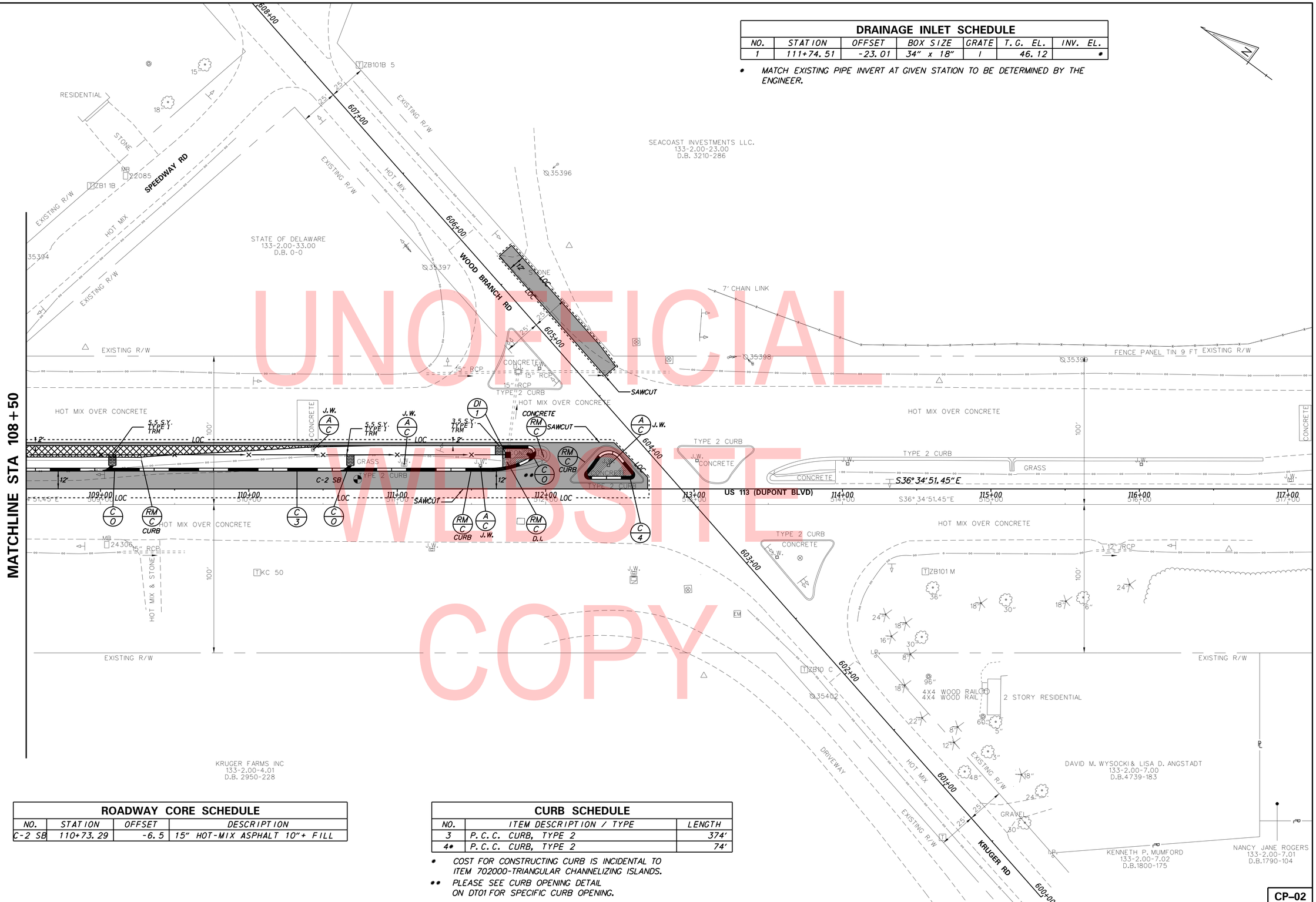
DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T. G. EL.	INV. EL.
1	111+74.51	-23.01	34" x 18"	I	46.12	*

* MATCH EXISTING PIPE INVERT AT GIVEN STATION TO BE DETERMINED BY THE ENGINEER.



UNOFFICIAL WEBSITE COPY

ROADWAY CORE SCHEDULE			
NO.	STATION	OFFSET	DESCRIPTION
C-2 SB	110+73.29	-6.5	15" HOT-MIX ASPHALT 10"+ FILL

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
3	P.C.C. CURB, TYPE 2	374'
4*	P.C.C. CURB, TYPE 2	74'

* COST FOR CONSTRUCTING CURB IS INCIDENTAL TO ITEM 702000-TRIANGULAR CHANNELIZING ISLANDS.

** PLEASE SEE CURB OPENING DETAIL ON DT01 FOR SPECIFIC CURB OPENING.

ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY	CHECKED BY: MSW	
SUSSEX		

CONSTRUCTION PLAN

CP-02
SECTION
PD
SHEET NO.
9

21-AUG-2019
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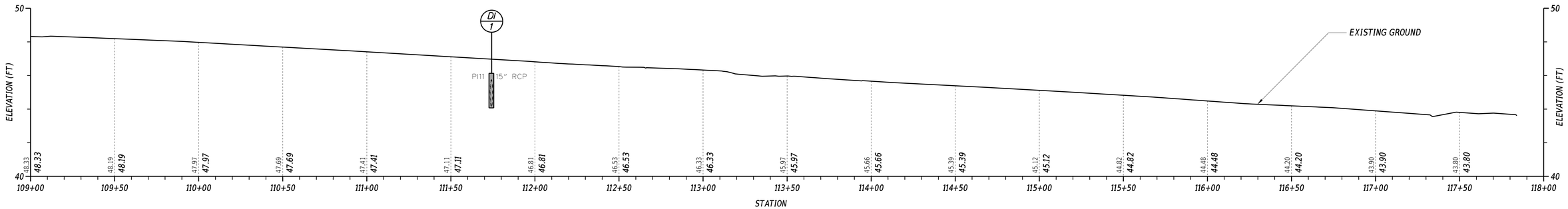
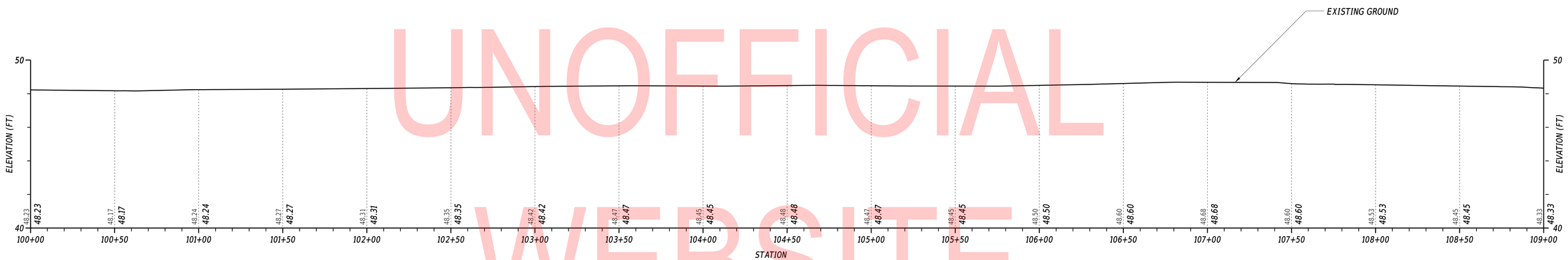
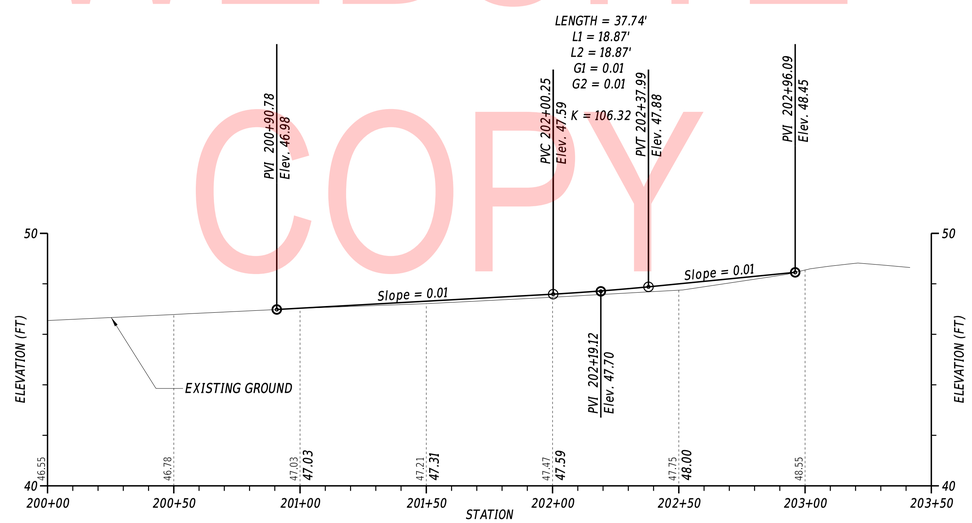


US 113 (DUPONT BLVD) SB



US 113 (DUPONT BLVD) SB



ALMS HOUSE RD (SR 325)

UNOFFICIAL WEBSITE COPY

NOTE: THE BORING DATA PROVIDED ON THE PROFILE SHEETS INDICATES THE SOIL CONDITION ONLY AT THE SPECIFIC LOCATION EACH BORING WAS PERFORMED AND ONLY TO THE DEPTH PENETRATED.

VERTICAL SCALE FEET 9 6 3 0

PF-01

ADDENDA / REVISIONS	SCALE 0 30 60 90 FEET	US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS	CONTRACT T201904003	BRIDGE NO. N/A	PROFILES	SECTION PD
			COUNTY SUSSEX	DESIGNED BY: ASH		SHEET NO. 10
				CHECKED BY: MSW		

21-AUG-2019
KEVIN
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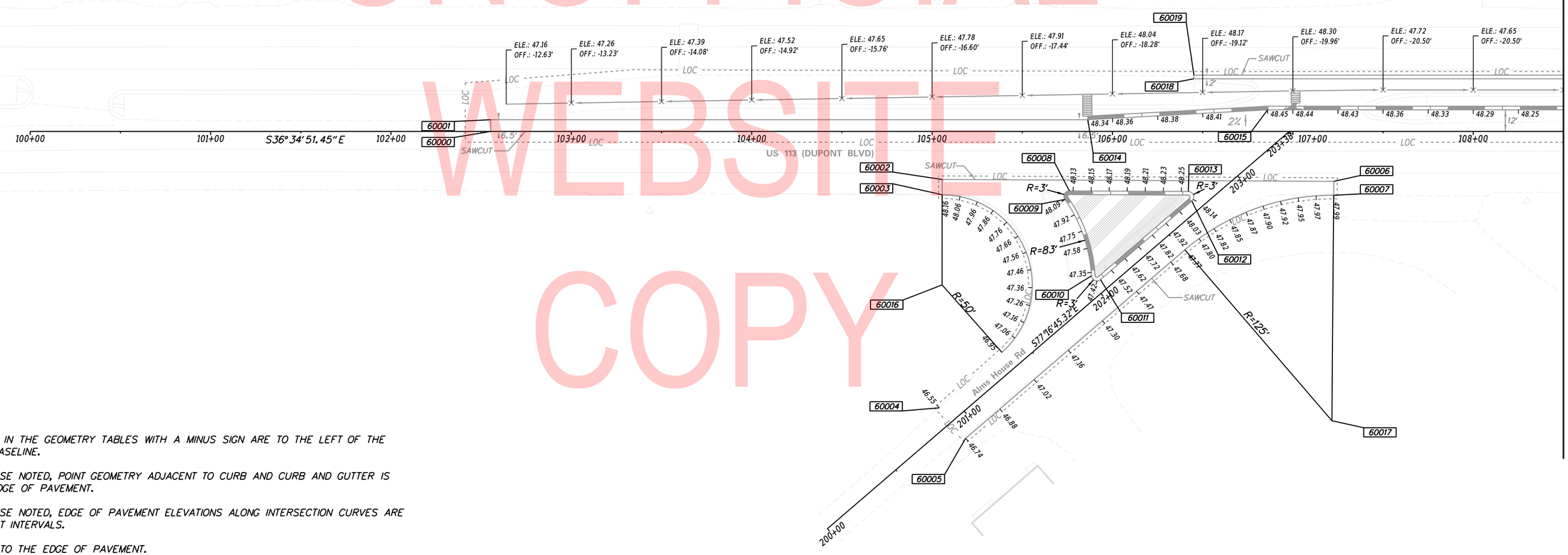
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60000	102+55.29	0.00	238148.4340	669790.4243
60001	102+55.29	-4.00	238152.3078	669795.6439
60002	105+05.59	26.64	237931.5577	669918.2040
60003	105+05.55	35.08	237926.5575	669911.4000
60004	200+90.78	10.31	237857.3668	669815.6276
60005	200+90.78	12.00	237835.6037	669810.7148
60006	107+22.65	27.66	237756.6501	670046.7413
60007	107+22.61	35.38	237752.0795	670040.5218
60008	105+76.12	32.97	237871.1476	669955.1526
60009	105+73.65	37.68	237870.3276	669949.8918
60010	202+02.43	-10.81	237833.2727	669924.6485
60011	202+04.82	-6.00	237828.0504	669925.9189
60012	202+71.64	-6.00	237813.3356	669991.1038
60013	202+73.61	-11.27	237818.0385	669994.1818
60014	105+86.34	-6.50	237886.4705	669992.9350
60015	106+86.02	-12.00	237809.7041	670056.7564
60016	201+36.33	-61.01	237896.7932	669871.2243
60017	106+45.11	-28.70	237853.9917	670047.7982
60018	106+45.11	-29.20	237853.9917	670047.7982
60019	106+45.11	-31.20	237853.9917	670047.7982

UNOFFICIAL WEBSITE COPY



NOTES:

1. OFFSETS SHOWN IN THE GEOMETRY TABLES WITH A MINUS SIGN ARE TO THE LEFT OF THE CONSTRUCTION BASELINE.
2. UNLESS OTHERWISE NOTED, POINT GEOMETRY ADJACENT TO CURB AND CURB AND GUTTER IS GIVEN AT THE EDGE OF PAVEMENT.
3. UNLESS OTHERWISE NOTED, EDGE OF PAVEMENT ELEVATIONS ALONG INTERSECTION CURVES ARE GIVEN AT 10 FOOT INTERVALS.
4. RADII ARE GIVEN TO THE EDGE OF PAVEMENT.
5. PROPOSED PAVEMENT OR CURBS THAT TIE INTO EXISTING PAVEMENT OR EXISTING CURBS SHALL MATCH THE EXISTING PAVEMENT OR EXISTING CURB ELEVATIONS.
6. ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE PAID FOR UNDER ITEM 763501 - CONSTRUCTION ENGINEERING.

ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT T201904003 | COUNTY SUSSEX | BRIDGE NO. N/A | DESIGNED BY: ASH | CHECKED BY: MSW

GRADES AND GEOMETRICS

GG-01 | SECTION PD | SHEET NO. 11

21-AUG-2019
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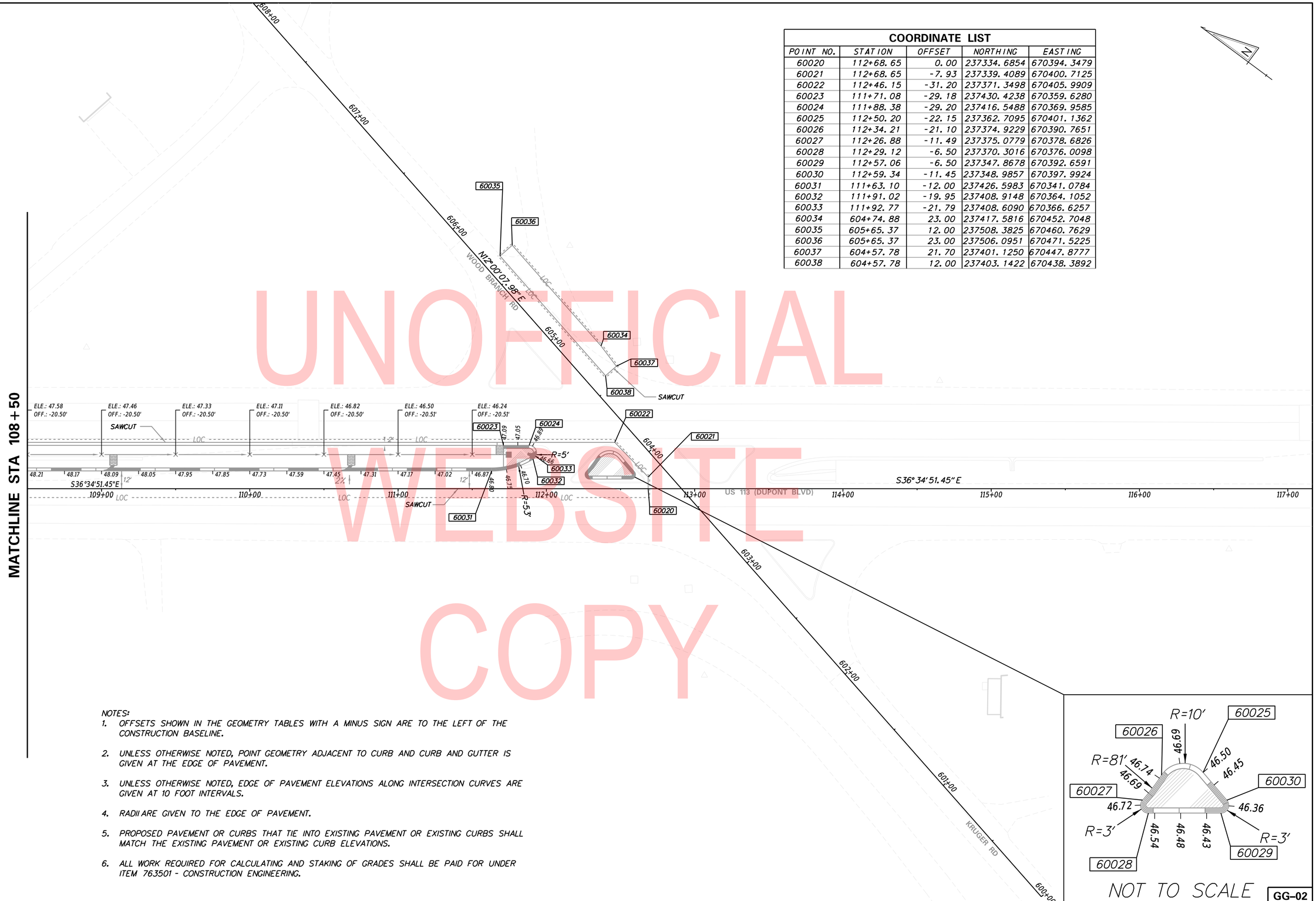
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60020	112+68.65	0.00	237334.6854	670394.3479
60021	112+68.65	-7.93	237339.4089	670400.7125
60022	112+46.15	-31.20	237371.3498	670405.9909
60023	111+71.08	-29.18	237430.4238	670359.6280
60024	111+88.38	-29.20	237416.5488	670369.9585
60025	112+50.20	-22.15	237362.7095	670401.1362
60026	112+34.21	-21.10	237374.9229	670390.7651
60027	112+26.88	-11.49	237375.0779	670378.6826
60028	112+29.12	-6.50	237370.3016	670376.0098
60029	112+57.06	-6.50	237347.8678	670392.6591
60030	112+59.34	-11.45	237348.9857	670397.9924
60031	111+63.10	-12.00	237426.5983	670341.0784
60032	111+91.02	-19.95	237408.9148	670364.1052
60033	111+92.77	-21.79	237408.6090	670366.6257
60034	604+74.88	23.00	237417.5816	670452.7048
60035	605+65.37	12.00	237508.3825	670460.7629
60036	605+65.37	23.00	237506.0951	670471.5225
60037	604+57.78	21.70	237401.1250	670447.8777
60038	604+57.78	12.00	237403.1422	670438.3892



UNOFFICIAL WEBSITE COPY

NOTES:

1. OFFSETS SHOWN IN THE GEOMETRY TABLES WITH A MINUS SIGN ARE TO THE LEFT OF THE CONSTRUCTION BASELINE.
2. UNLESS OTHERWISE NOTED, POINT GEOMETRY ADJACENT TO CURB AND CURB AND GUTTER IS GIVEN AT THE EDGE OF PAVEMENT.
3. UNLESS OTHERWISE NOTED, EDGE OF PAVEMENT ELEVATIONS ALONG INTERSECTION CURVES ARE GIVEN AT 10 FOOT INTERVALS.
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6. ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE PAID FOR UNDER ITEM 763501 - CONSTRUCTION ENGINEERING.

ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY		
SUSSEX	CHECKED BY: MSW	

GRADES AND GEOMETRICS

GG-02
SECTION
PD
SHEET NO.
12

21-AUG-2019
16:21
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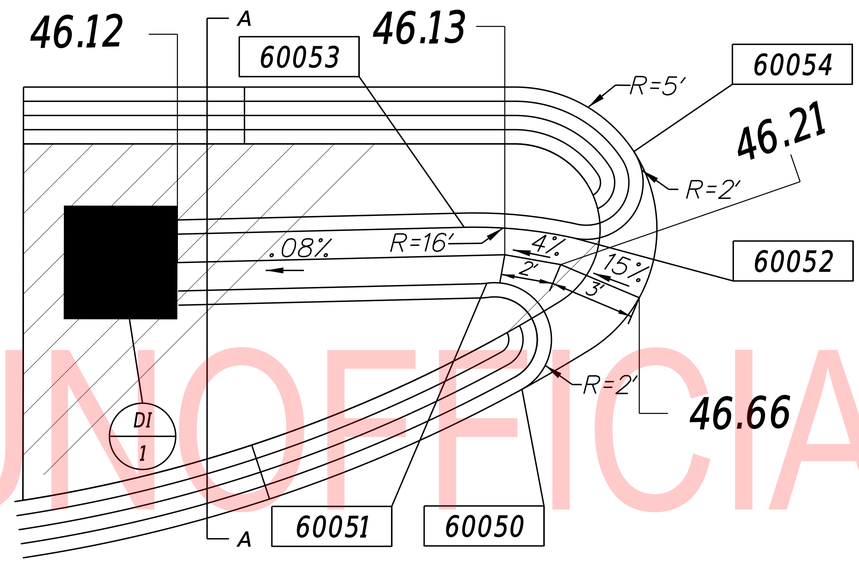
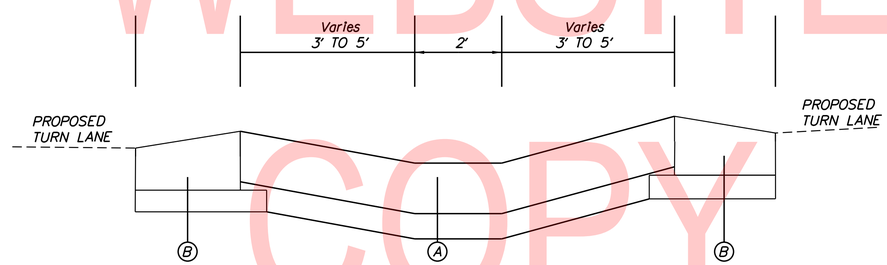
COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
60050	111+88.65	-18.56	237409.9957	670361.5732
60051	111+87.40	-22.30	237413.2178	670363.8305
60052	111+90.47	-23.89	237411.7082	670366.9372
60053	111+85.89	-25.38	237416.2696	670365.4043
60054	111+92.57	-26.94	237411.8334	670370.6392



LEGEND
(A) ITEM 705005 - P.C.C. SIDEWALK, 8" OVER 4" GABC
(B) ITEM 701014 - P.C.C. CURB, TYPE 2 OVER 4" GABC



TYPICAL SECTION A
NOT TO SCALE

NOTES:
1. OFFSETS SHOWN IN THE GEOMETRY TABLES WITH A MINUS SIGN ARE TO THE LEFT OF THE CONSTRUCTION BASELINE.
2. UNLESS OTHERWISE NOTED, POINT GEOMETRY ADJACENT TO CURB AND CURB AND GUTTER IS GIVEN AT THE EDGE OF PAVEMENT.
3. RADII ARE GIVEN TO THE EDGE OF PAVEMENT.
4. ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE PAID FOR UNDER ITEM 763501 - CONSTRUCTION ENGINEERING.

UNOFFICIAL WEBSITE COPY

ADDENDA / REVISIONS	

NOT TO SCALE

US 113 AT WOOD BRANCH RD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY:	ASH
COUNTY		
SUSSEX	CHECKED BY:	MSW

CONSTRUCTION DETAILS

DT-01

SECTION
PD
SHEET NO.
13

05-SEP-2019
09:17
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GENERAL MOT NOTES

1. MAINTENANCE OF TRAFFIC DURING LANE CLOSURES AND LANE SHIFTS SHALL CONFORM TO TYPICAL APPLICATION 3A AND 33 OF THE DELAWARE MUTCD.

2. THE USE OF MILLINGS AND GRADED AGGREGATE BASE COURSE (GABC) IN THE TRAVEL WAY, TEMPORARY TRAVEL WAY, HIGH VOLUME ENTRANCES AND ACCESS RAMP FOR THE PURPOSE OF PROVIDING A TEMPORARY ROADWAY SURFACE, POTHOLE REPAIR, TAPERED EDGE FOR UTILITIES, BUTT JOINTS, AND LONGITUDINAL DROP-OFFS (MILLING AND PAVING OPERATIONS) IS PROHIBITED UNLESS IT IS OTHERWISE DESIGNATED TO BE USED IN THE CONTRACT PLANS. USE COLD PATCH, BITUMINOUS CONCRETE, BITUMINOUS CONCRETE WEDGE, OR TAPER MILL, AS NOTED IN THE CONTRACT DOCUMENTS OR APPROVED BY THE ENGINEER. PAYMENT FOR COLD PATCH, BITUMINOUS CONCRETE OR BITUMINOUS CONCRETE WEDGE SHALL BE PAID AS NOTED IN THE CONTRACT DOCUMENTS. TAPER MILL BITUMINOUS CONCRETE SHALL BE PAID UNDER THE BITUMINOUS CONCRETE MILLING ITEM.

   MILLINGS OR GABC SHALL BE USED AT THE FOLLOWING LOCATIONS WHERE ACCESS TO A BUSINESS, RESIDENCE, OR EDGE DROP OFF NEEDS TO BE MAINTAINED UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER TO USE BITUMINOUS CONCRETE OR COLD PATCH. ALL MILLINGS AND GABC WILL BE ROLLED AND COMPACTED TO HELP PREVENT THE MATERIAL FROM UNRAVELLING:

   a. DRIVEWAYS
   b. ENTRANCES
   c. LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
   d. EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY(LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
   e. EDGE OF ROADWAY DROP-OFF

   GRADING AND MAINTAINING BASE COURSE THAT IS BEING USED FOR ROADWAY WEDGE/FILLET BETWEEN TRAVEL LANES AND PAVEMENT BOX, EDGE OF TRAVELWAY, DRIVEWAY OR ENTRANCE ACCESS SHALL BE INCIDENTAL TO ITEM NO. 801000 - MAINTENANCE OF TRAFFIC. THE BASE COURSE MATERIAL SHALL BE PLACED AT NO GREATER THAN THE SLOPE SPECIFIED IN TABLE 6G-1 AND SHALL BE COMPACTED. EXCESS BASE COURSE MATERIAL SHALL BE PUSHED AHEAD AND USED IN THE NEXT SEGMENT AND SHALL BE INCIDENTAL TO THE PARTICULAR BASE COURSE PAY ITEM. NO SEPARATE PAYMENT SHALL BE MADE FOR MILLINGS OR GABC TEMPORARY ROADWAY MATERIAL (TRM) USED TO PROTECT EDGE DROP-OFFS, UNLESS THE MATERIAL IS EVENTUALLY UTILIZED AS PART OF A PERMANENT ROADWAY AT WHICH TIME THE MATERIAL WOULD BE PAID FOR UNDER THE RESPECTIVE CONTRACT MATERIAL ITEM. VERTICAL DIFFERENCES SHALL BE CORRECTED IN ACCORDANCE WITH TABLE 6G-1 OF THE DELAWARE MUTCD.

3. A TYPE II TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE REQUIRED ON THIS PROJECT DURING THE FOLLOWING PAVEMENT OPERATIONS: TEMPORARY/PERMANENT PAVEMENT MARKINGS, ROADSIDE SPRAYING, PATCHING, MILLING, SWEEPING, TEMPORARY TRAFFIC BARRIER PLACEMENT OR AS DIRECTED BY THE ENGINEER. THE ROLL AHEAD DISTANCE SHALL BE AS PER THE MANUFACTURER'S RECOMMENDATIONS. THE TMA SHALL CONFORM TO THE REQUIREMENTS OF SECTION 6F OF THE DELAWARE MUTCD.

4. THE CONTRACTOR SHALL SUPPLY PORTABLE MESSAGE BOARDS (PCMS) UNDER ITEM 803001. THREE PCMS WILL BE PLACED ALONG US 113 NORTHBOUND AND SOUTHBOUND DIRECTIONS PRIOR TO THE WORK AREA. PLACEMENT SHALL BE COORDINATED WITH THE DISTRICT SAFETY OFFICER . THE PCMS SHOULD BE PLACED A MINIMUM OF TEN (10) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION AND 5 DAYS AFTER ANY TRAFFIC PATTERN CHANGE. DISPLAY MESSAGE A FOR 10 DAYS PRIOR TO WORK. THE PCMS SHALL HAVE THE FOLLOWING MESSAGE.

ROAD WORK	STARTING XX/XX/XX	EXPECT DELAYS

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF EXISTING PAVEMENT WITHIN THE PROJECT LIMITS FOR THE DURATION OF THE CONTRACT AS DIRECTED BY THE ENGINEER. ALL REPAIRS ARE AT THE CONTRACTORS EXPENSE AS DIRECTED BY THE ENGINEER.

6. THE ROADWAY AND SHOULDER WORK SHALL BE PERFORMED IN A MANNER SUCH THAT POSITIVE DRAINAGE OF THE ROADWAY SURFACE IS MAINTAINED THROUGHOUT CONSTRUCTION. ALL WORK AND MATERIALS TO PROVIDE AND MAINTAIN THIS DRAINAGE SHALL BE INCIDENTAL TO ITEM 801000 - MAINTENANCE OF TRAFFIC.

7. CONTRACTOR SHALL RESTORE EXISTING TRAFFIC PATTERNS ON US 113 AT THE END OF EACH WORKING DAY.

8. THE SEDIMENT AND STORMWATER MANAGEMENT PLANS HAVE BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. THE SEDIMENT AND STORMWATER MANAGEMENT PLANS ARE VALID FOR A FIVE YEAR PERIOD, BEGINNING ON THE DATE THE STORMWATER ENGINEER SIGNED THE CONSTRUCTION TITLE SHEET. IF THE FINAL ACCEPTANCE OF THE PROJECT IS ANTICIPATED TO EXTEND BEYOND THE FIVE YEARS, THE CONTRACTOR WILL INFORM THE ENGINEER THREE MONTHS PRIOR TO THE EXPIRATION OF THE APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS. THE STORMWATER ENGINEER WILL REVIEW THE CURRENT SEDIMENT AND STORMWATER MANAGEMENT PLAN AND ISSUE AN EXTENSION WITH ANY APPROPRIATE MODIFICATIONS.

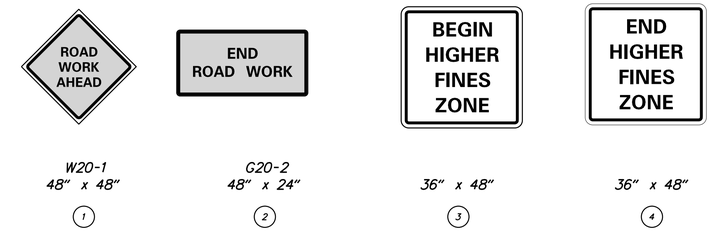
9.

EROSION POTENTIAL FOR THIS PROJECT	CONTRACTOR EROSION AND SEDIMENT CONTROL SUPERVISOR REQUIREMENT
( ) INSIGNIFICANT	NONE
(X) 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.

10. THE DISTURBED AREA FOR THIS PROJECT IS 1.20 ACRES.

11. LANE CLOSURE RESTRICTIONS FOR US 113 SB SHALL COMPLY WITH TABLE 1.

WARNING SIGN LEGEND



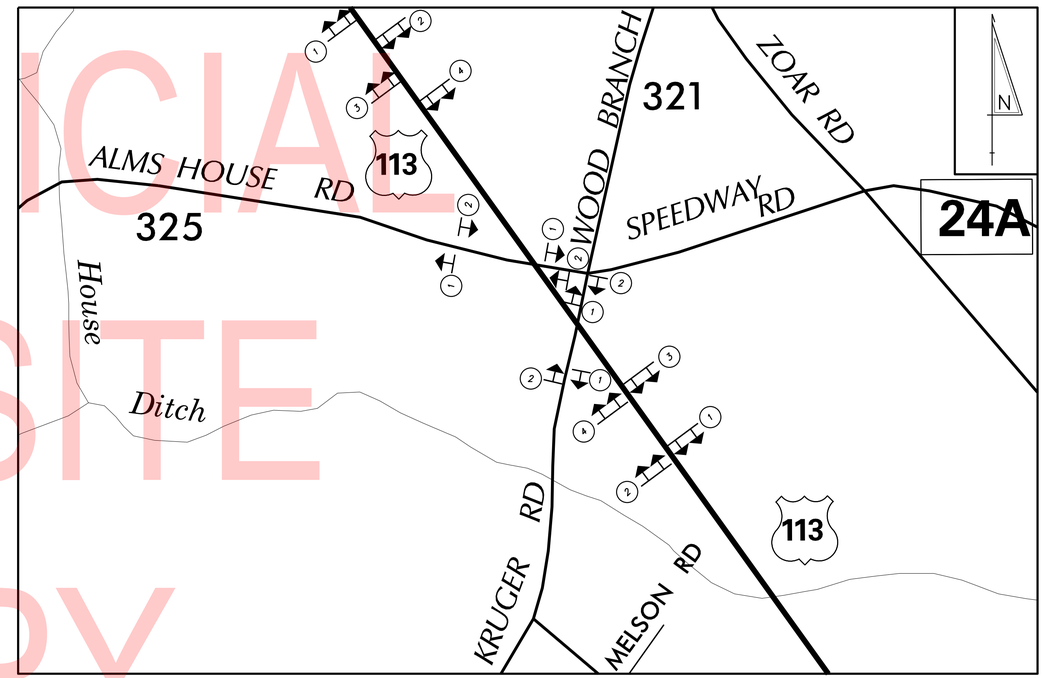


Table 1: Allowable Lane Closure Hours

ALLOWABLE CLOSURES TIMES - US113 SB

	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	■	■	■	■	■	■	■													■	■	■	■	■
MONDAY	■	■	■	■	■	■	■														■	■	■	■
TUESDAY	■	■	■	■	■	■	■														■	■	■	■
WEDNESDAY	■	■	■	■	■	■	■														■	■	■	■
THURSDAY	■	■	■	■	■	■	■														■	■	■	■
FRIDAY	■	■	■	■	■	■	■														■	■	■	■
SATURDAY	■	■	■	■	■	■	■													■	■	■	■	■

■ ONE LANE CLOSURE
□ ALL LANES OPEN

Vincent W. Davis 08/30/2019
DELDOT STORMWATER ENGINEER — DATE

"I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THESE PLANS MEET THE REQUIREMENTS OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS AND THAT ALL CLEARING, GRADING, AND CONSTRUCTION WILL BE ACCOMPLISHED PURSUANT TO THE PLAN."

UNOFFICIAL WEBSITE COPY

ADDENDA / REVISIONS	

NOT TO SCALE

US 113 AT WOOD BRANCH RD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO. N/A
T201904003	DESIGNED BY: ASH
COUNTY	
SUSSEX	CHECKED BY: ASW

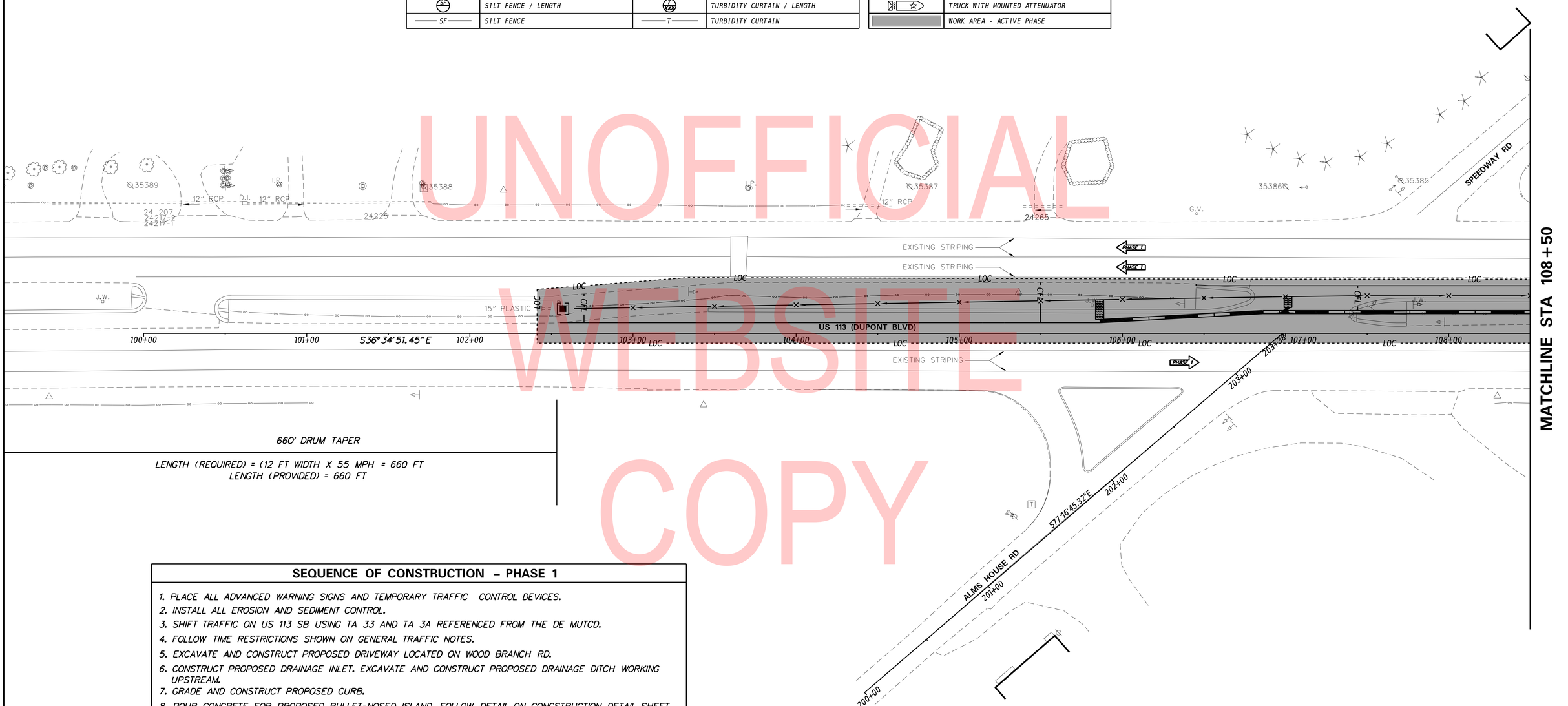
CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 1

CS–01
SECTION PD
SHEET NO. 14

28-AUG-2019
08:47
\\DOTFS08\cadd\Active_Designs\SUSSEX\113\road\T201904003_05\Plans\CurbShift\CS01(Shift).dgn

EROSION & SEDIMENT CONTROL			
CFL	COMPOST FILTER LOG	RSF	REINFORCED SILT FENCE / LENGTH
CFL	COMPOST FILTER LOG / LENGTH	RSF	REINFORCED SILT FENCE
DWBAG	DEWATERING BAG	SSF	SUPER SILT FENCE / LENGTH
DWB	DEWATERING BASIN	SSF	SUPER SILT FENCE
ED	EARTH DIKE	SP	SUMP PIT
	INLET SEDIMENT CONTROL	ST	SEDIMENT TRAP / NUMBER
	PERIMETER DIKE/SWALE	ST	SEDIMENT TRAP
PST	PORTABLE SEDIMENT TANK	ST	SEDIMENT TRAP WITH INLET AS OUTLET
SBD	SANDBAG DIKE	ST	SEDIMENT TRAP PIPE OUTLET
SB	SANDBAG DIVERSION	SW	STILLING WELL
SCD	STONE CHECK DAM		TEMPORARY SWALE
SCE	STABILIZED CONSTRUCTION ENTRANCE	TSD	TEMPORARY SLOPE DRAIN
SF	SILT FENCE / LENGTH	T	TURBIDITY CURTAIN / LENGTH
SF	SILT FENCE	T	TURBIDITY CURTAIN

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
CSF	CONSTRUCTION SAFETY FENCE / LENGTH
CSF	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
END ROAD WORK	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE



660' DRUM TAPER

LENGTH (REQUIRED) = (12 FT WIDTH X 55 MPH = 660 FT
LENGTH (PROVIDED) = 660 FT

UNOFFICIAL WEBSITE COPY

SEQUENCE OF CONSTRUCTION – PHASE 1

1. PLACE ALL ADVANCED WARNING SIGNS AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. INSTALL ALL EROSION AND SEDIMENT CONTROL.
3. SHIFT TRAFFIC ON US 113 SB USING TA 33 AND TA 3A REFERENCED FROM THE DE MUTCD.
4. FOLLOW TIME RESTRICTIONS SHOWN ON GENERAL TRAFFIC NOTES.
5. EXCAVATE AND CONSTRUCT PROPOSED DRIVEWAY LOCATED ON WOOD BRANCH RD.
6. CONSTRUCT PROPOSED DRAINAGE INLET. EXCAVATE AND CONSTRUCT PROPOSED DRAINAGE DITCH WORKING UPSTREAM.
7. GRADE AND CONSTRUCT PROPOSED CURB.
8. POUR CONCRETE FOR PROPOSED BULLET-NOSED ISLAND. FOLLOW DETAIL ON CONCSTRUCTION DETAIL SHEET.
9. POUR CONCRETE FOR PROPOSED CHANNELIZING ISLAND.
10. EXCAVATE AND CONSTRUCT PROPOSED ROAD BOX.
11. INSTALL PERMANENT SIGNING AND STRIPING. OPEN TO TRAFFIC.
12. REMOVE ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER PERMANENT STABILIZATION.

ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY		
SUSSEX	CHECKED BY: MSW	

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

CS-02

SECTION	SHEET NO.
PD	15

05-SEP-2019
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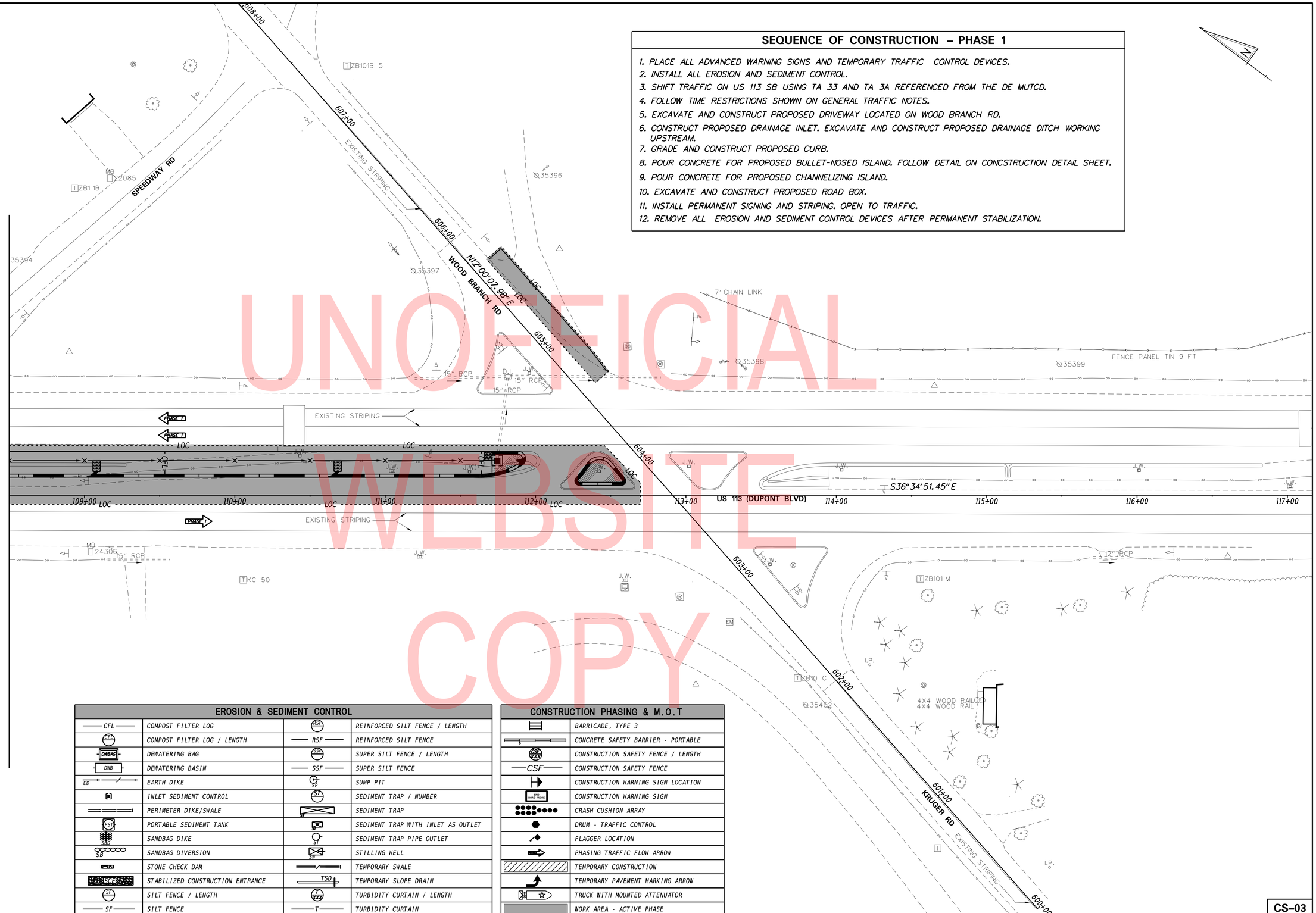
SEQUENCE OF CONSTRUCTION – PHASE 1

1. PLACE ALL ADVANCED WARNING SIGNS AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. INSTALL ALL EROSION AND SEDIMENT CONTROL.
3. SHIFT TRAFFIC ON US 113 SB USING TA 33 AND TA 3A REFERENCED FROM THE DE MUTCD.
4. FOLLOW TIME RESTRICTIONS SHOWN ON GENERAL TRAFFIC NOTES.
5. EXCAVATE AND CONSTRUCT PROPOSED DRIVEWAY LOCATED ON WOOD BRANCH RD.
6. CONSTRUCT PROPOSED DRAINAGE INLET. EXCAVATE AND CONSTRUCT PROPOSED DRAINAGE DITCH WORKING UPSTREAM.
7. GRADE AND CONSTRUCT PROPOSED CURB.
8. POUR CONCRETE FOR PROPOSED BULLET-NOSED ISLAND. FOLLOW DETAIL ON CONCSTRUCTION DETAIL SHEET.
9. POUR CONCRETE FOR PROPOSED CHANNELIZING ISLAND.
10. EXCAVATE AND CONSTRUCT PROPOSED ROAD BOX.
11. INSTALL PERMANENT SIGNING AND STRIPING. OPEN TO TRAFFIC.
12. REMOVE ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER PERMANENT STABILIZATION.



UNOFFICIAL WEBSITE COPY

EROSION & SEDIMENT CONTROL			
CFL	COMPOST FILTER LOG	RSF	REINFORCED SILT FENCE / LENGTH
CFL	COMPOST FILTER LOG / LENGTH	RSF	REINFORCED SILT FENCE
DWBAG	DEWATERING BAG	SSF	SUPER SILT FENCE / LENGTH
DWB	DEWATERING BASIN	SSF	SUPER SILT FENCE
ED	EARTH DIKE	SP	SUMP PIT
	INLET SEDIMENT CONTROL	ST	SEDIMENT TRAP / NUMBER
	PERIMETER DIKE/SWALE	ST	SEDIMENT TRAP
PST	PORTABLE SEDIMENT TANK	ST	SEDIMENT TRAP WITH INLET AS OUTLET
SBD	SANDBAG DIKE	ST	SEDIMENT TRAP PIPE OUTLET
SB	SANDBAG DIVERSION	SW	STILLING WELL
SCD	STONE CHECK DAM		TEMPORARY SWALE
SCE	STABILIZED CONSTRUCTION ENTRANCE	TSD	TEMPORARY SLOPE DRAIN
SF	SILT FENCE / LENGTH	T	TURBIDITY CURTAIN / LENGTH
SF	SILT FENCE	T	TURBIDITY CURTAIN

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
CSF	CONSTRUCTION SAFETY FENCE / LENGTH
CSF	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
END ROAD WORK	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
PHASE I	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY		
SUSSEX	CHECKED BY: MSW	

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

CS-03
SECTION
PD
SHEET NO.
16

05-SEP-2019
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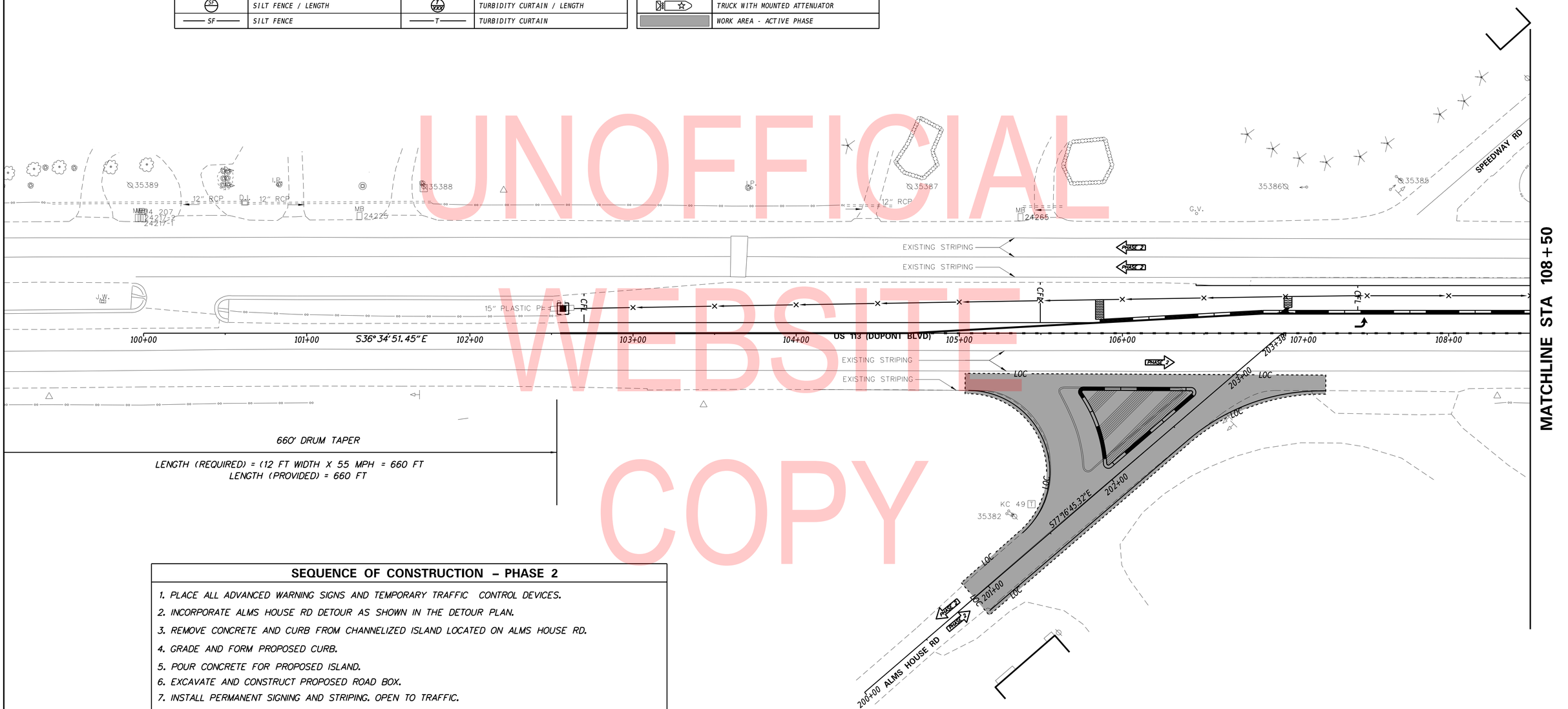
EROSION & SEDIMENT CONTROL			
CFL	COMPOST FILTER LOG	RSF	REINFORCED SILT FENCE / LENGTH
CFL	COMPOST FILTER LOG / LENGTH	RSF	REINFORCED SILT FENCE
DWBAG	DEWATERING BAG	SSF	SUPER SILT FENCE / LENGTH
DWB	DEWATERING BASIN	SSF	SUPER SILT FENCE
ED	EARTH DIKE	SP	SUMP PIT
	INLET SEDIMENT CONTROL	ST	SEDIMENT TRAP / NUMBER
	PERIMETER DIKE/SWALE	ST	SEDIMENT TRAP
PST	PORTABLE SEDIMENT TANK	ST	SEDIMENT TRAP WITH INLET AS OUTLET
SBD	SANDBAG DIKE	ST	SEDIMENT TRAP PIPE OUTLET
SB	SANDBAG DIVERSION	SW	STILLING WELL
SCD	STONE CHECK DAM		TEMPORARY SWALE
SCE	STABILIZED CONSTRUCTION ENTRANCE	TSD	TEMPORARY SLOPE DRAIN
SF	SILT FENCE / LENGTH	T	TURBIDITY CURTAIN / LENGTH
SF	SILT FENCE	T	TURBIDITY CURTAIN

CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
CSF	CONSTRUCTION SAFETY FENCE / LENGTH
CSF	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
END ROAD WORK	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE



660' DRUM TAPER

LENGTH (REQUIRED) = (12 FT WIDTH X 55 MPH = 660 FT
LENGTH (PROVIDED) = 660 FT

SEQUENCE OF CONSTRUCTION – PHASE 2

1. PLACE ALL ADVANCED WARNING SIGNS AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. INCORPORATE ALMS HOUSE RD DETOUR AS SHOWN IN THE DETOUR PLAN.
3. REMOVE CONCRETE AND CURB FROM CHANNELIZED ISLAND LOCATED ON ALMS HOUSE RD.
4. GRADE AND FORM PROPOSED CURB.
5. POUR CONCRETE FOR PROPOSED ISLAND.
6. EXCAVATE AND CONSTRUCT PROPOSED ROAD BOX.
7. INSTALL PERMANENT SIGNING AND STRIPING. OPEN TO TRAFFIC.

UNOFFICIAL WEBSITE COPY

ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY		
SUSSEX	CHECKED BY: MSW	

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2

CS-04

SECTION	SHEET NO.
PD	17

05-SEP-2019
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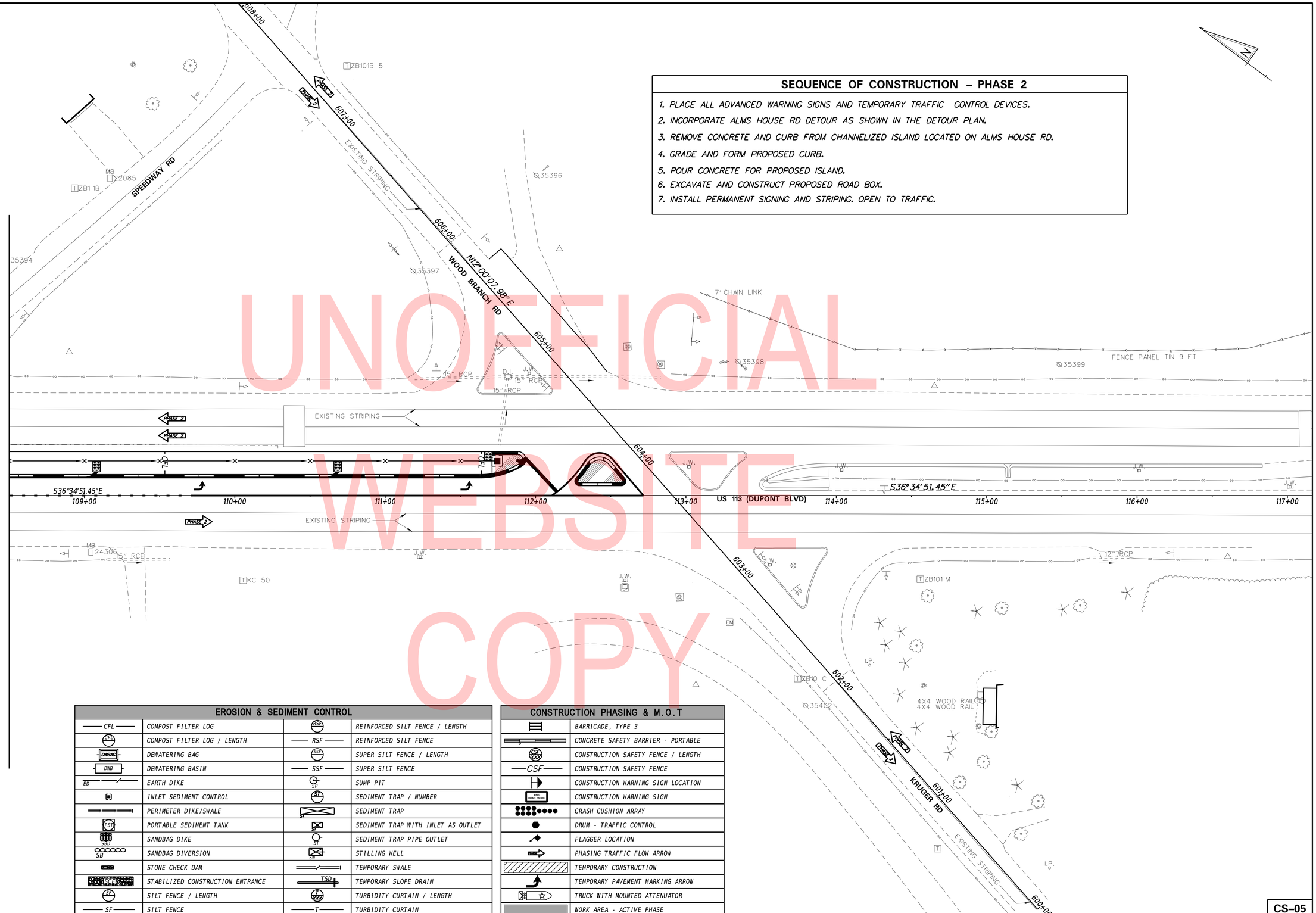
SEQUENCE OF CONSTRUCTION – PHASE 2

1. PLACE ALL ADVANCED WARNING SIGNS AND TEMPORARY TRAFFIC CONTROL DEVICES.
2. INCORPORATE ALMS HOUSE RD DETOUR AS SHOWN IN THE DETOUR PLAN.
3. REMOVE CONCRETE AND CURB FROM CHANNELIZED ISLAND LOCATED ON ALMS HOUSE RD.
4. GRADE AND FORM PROPOSED CURB.
5. POUR CONCRETE FOR PROPOSED ISLAND.
6. EXCAVATE AND CONSTRUCT PROPOSED ROAD BOX.
7. INSTALL PERMANENT SIGNING AND STRIPING. OPEN TO TRAFFIC.



UNOFFICIAL WEBSITE COPY

EROSION & SEDIMENT CONTROL

CFL	COMPOST FILTER LOG	RSF	REINFORCED SILT FENCE / LENGTH
CFL	COMPOST FILTER LOG / LENGTH	RSF	REINFORCED SILT FENCE
DWBAG	DEWATERING BAG	SSF	SUPER SILT FENCE / LENGTH
DWB	DEWATERING BASIN	SSF	SUPER SILT FENCE
ED	EARTH DIKE	SP	SUMP PIT
	INLET SEDIMENT CONTROL	ST	SEDIMENT TRAP / NUMBER
	PERIMETER DIKE/SWALE	ST	SEDIMENT TRAP
PST	PORTABLE SEDIMENT TANK	ST	SEDIMENT TRAP WITH INLET AS OUTLET
SBD	SANDBAG DIKE	ST	SEDIMENT TRAP PIPE OUTLET
SB	SANDBAG DIVERSION	ST	STILLING WELL
SCD	STONE CHECK DAM		TEMPORARY SWALE
SCE	STABILIZED CONSTRUCTION ENTRANCE	TSD	TEMPORARY SLOPE DRAIN
SF	SILT FENCE / LENGTH	T	TURBIDITY CURTAIN / LENGTH
SF	SILT FENCE	T	TURBIDITY CURTAIN

CONSTRUCTION PHASING & M.O.T

	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
CSF	CONSTRUCTION SAFETY FENCE / LENGTH
CSF	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
ENG ROAD WORK	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE

ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A	
T201904003	DESIGNED BY: ASH		
COUNTY			
SUSSEX	CHECKED BY: MSW		

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN – PHASE 2

	CS-05
SECTION	PD
SHEET NO.	18

05-SEP-2019
13:34
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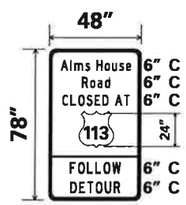
PORTABLE CHANGEABLE MESSAGE SIGNS

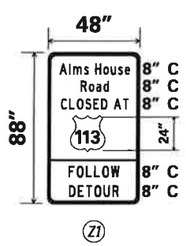
PRIOR TO DETOUR
(10 DAYS PRIOR TO BEGINNING OF DETOUR)

PCMS-1

ALMS HOUSE ROAD	TO CLOSE STARTING XX/XX/XX

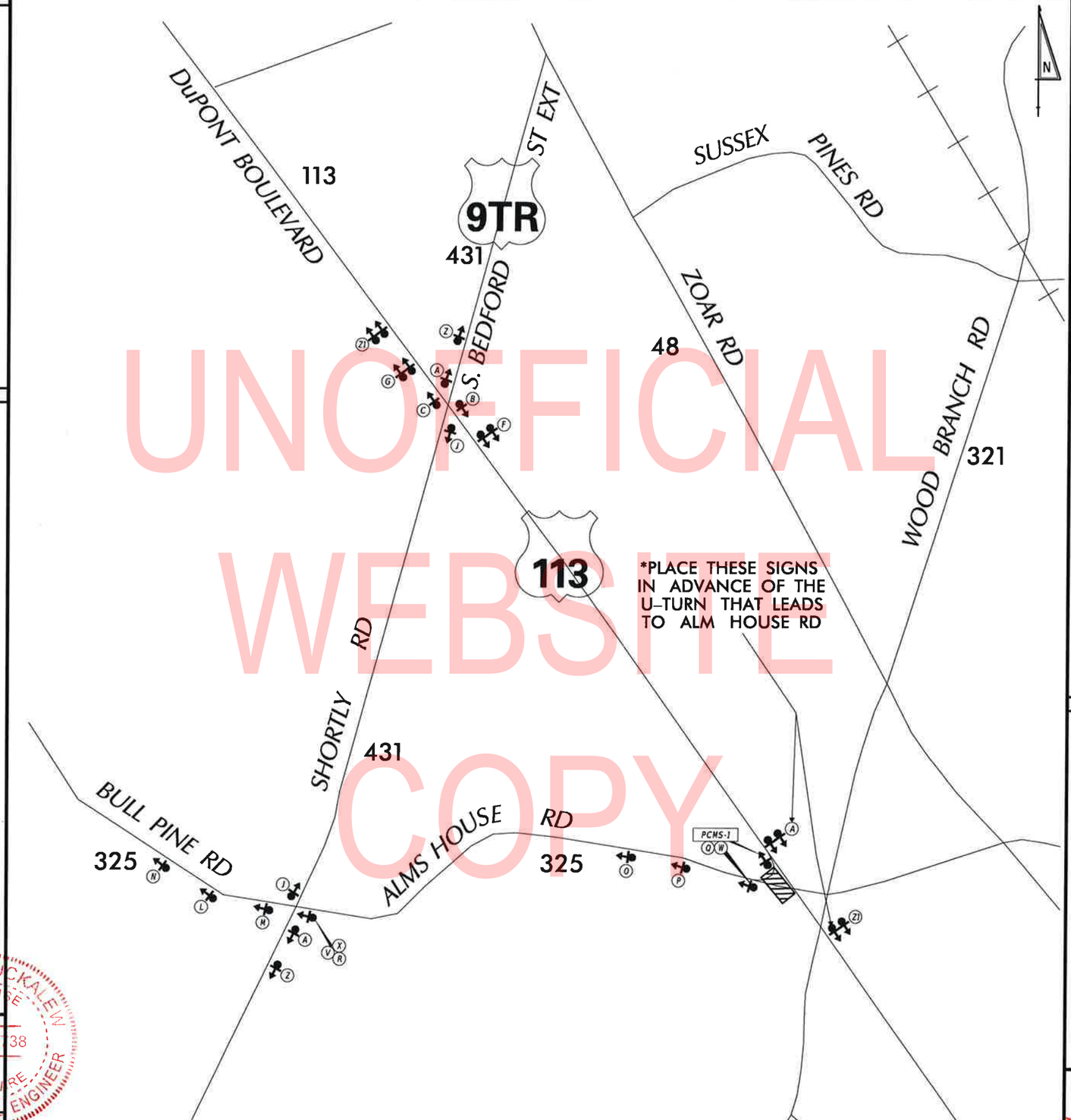
SPECIAL SIGNS



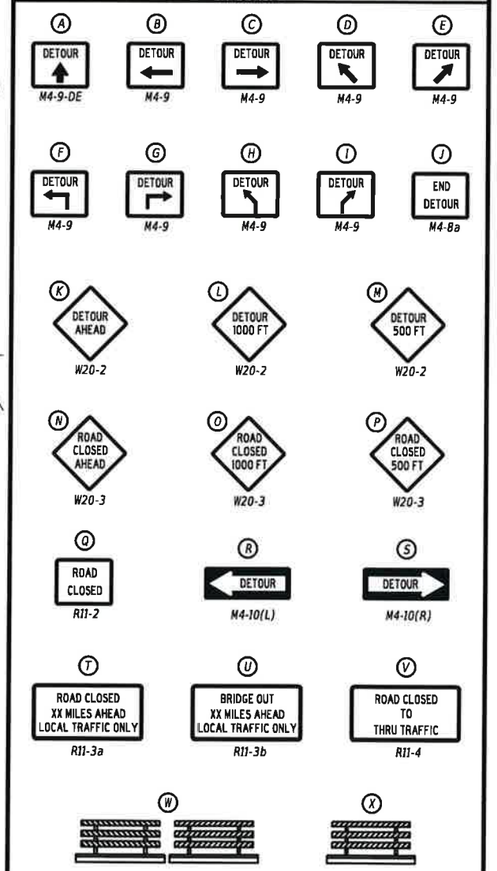


*D/G RETROREFLECTIVE ORANGE BACKGROUND; BLACK LEGEND

*ROUTE SHIELD – WHITE BACKGROUND; BLACK LEGEND



LEGEND



GENERAL NOTES

1. ALL TEMPORARY TRAFFIC CONTROL DEVICES ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR AND SHALL BE IN COMPLIANCE WITH THIS PLAN AND THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE MUTCD) LATEST EDITION.
2. SIGNS "N" THROUGH "Q" AND "T" AND "V", THE WORD "ROAD" SHALL BE CHANGED TO "RAMP", "RR XING" OR "BRIDGE" WHERE APPLICABLE.
3. "W" TYPE 3 BARRICADES AT A ROAD CLOSURE SHALL BE PLACED COMPLETELY ACROSS THE ROADWAY, FROM CURB TO CURB, OR FROM EDGE OF ROAD TO EDGE OF ROAD, WITH THE STRIPES POSITIONED DOWNWARD TOWARD THE CENTER OF THE ROADWAY.
4. BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

PREPARED BY
DELDOT - TRANSPORTATION SOLUTIONS
TRAFFIC SAFETY

9/4/19
DATE

THIS SEAL APPLIES TO ALL SHEETS BEARING THE "TS" SECTION DESIGNATION.

MARK S. BUCKALEW
LICENSE
No. 16738
DELAWARE
PROFESSIONAL ENGINEER
SEAL

CONCURRENCE FOR IMPLEMENTATION

TRAFFIC SAFETY — 9-4-19 DATE

ADDENDA / REVISIONS

NOT TO SCALE

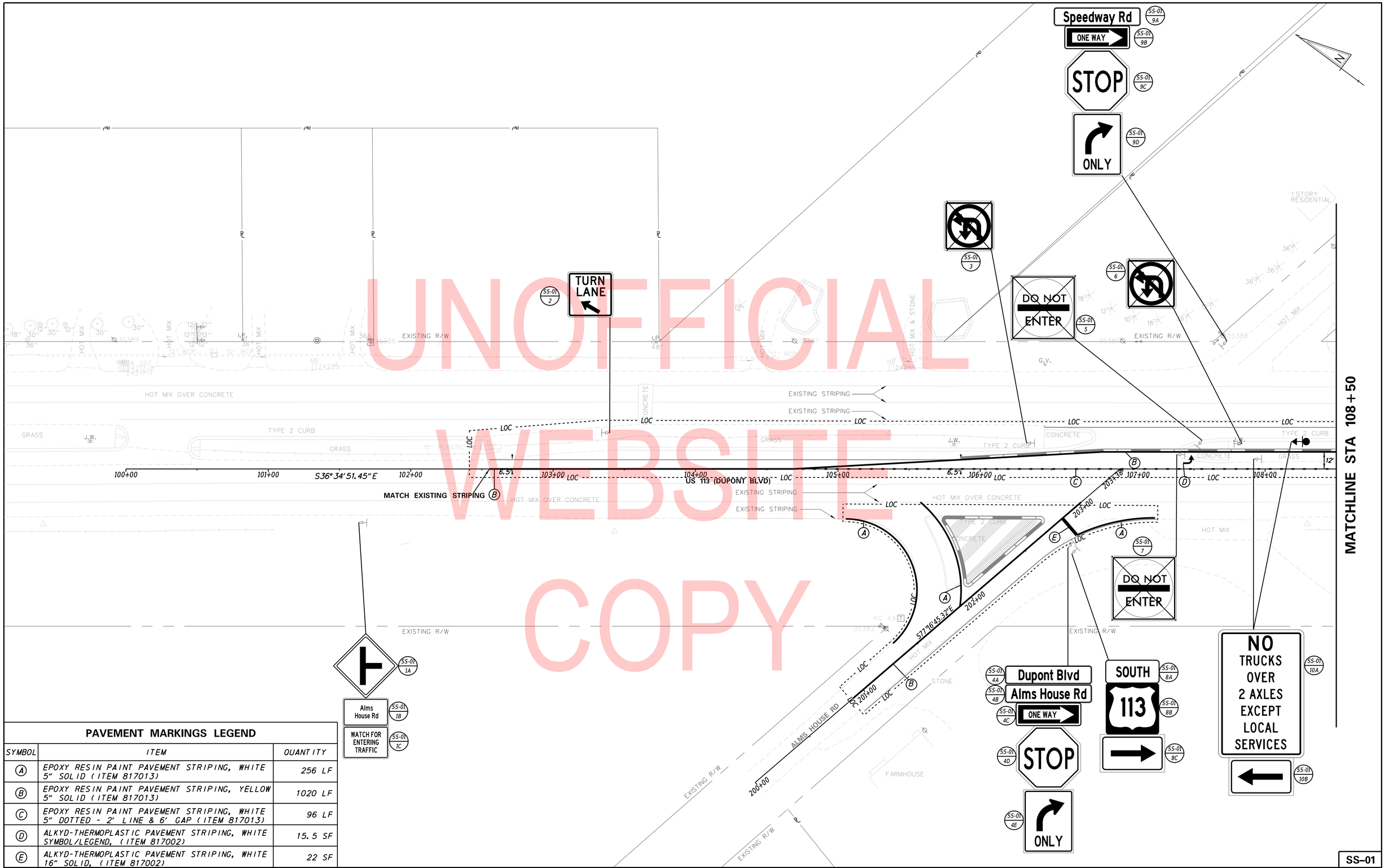
US 113 AT WOOD BRANCH RD
INTERSECTION IMPROVEMENTS

CONTRACT	PERMIT NO.	X
T201904003	DESIGNED BY:	DBW
COUNTY	CHECKED BY:	MSB
SUSSEX		

DETOUR PLAN - VEHICULAR
ALMS HOUSE ROAD @ US 113

SECTION: TS
SHEET NO.: X

UNOFFICIAL WEBSITE COPY



UNOFFICIAL WEBSITE COPY

PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
A	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 817013)	256 LF
B	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 817013)	1020 LF
C	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 817013)	96 LF
D	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 817002)	15.5 SF
E	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID, (ITEM 817002)	22 SF

ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY		
SUSSEX	CHECKED BY: MSW	

SIGNING, STRIPING AND CONDUIT PLAN

SS-01
SECTION
PD
SHEET NO.
20

04-SEP-2019
11:04
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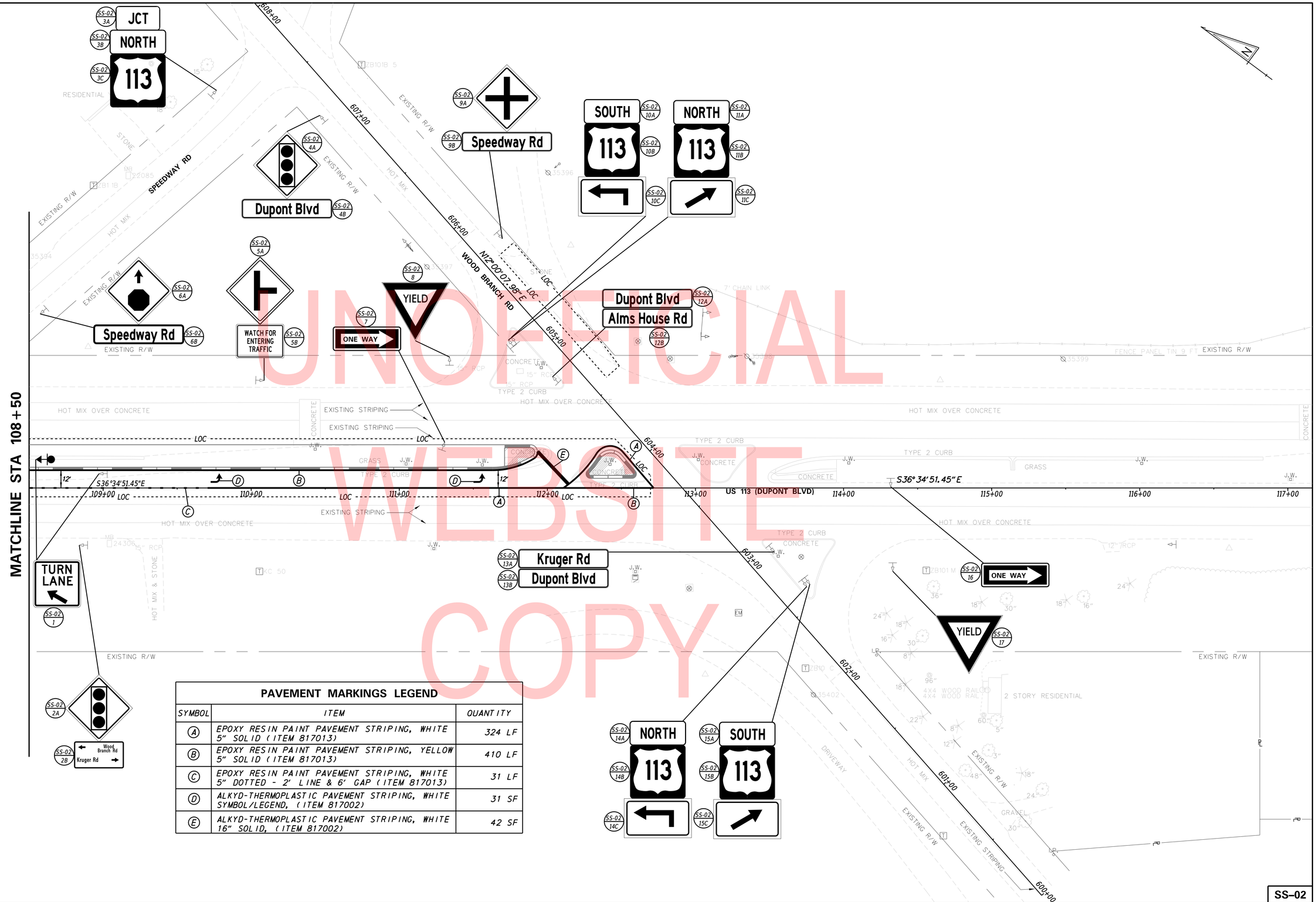

PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
A	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 817013)	324 LF
B	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 817013)	410 LF
C	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 817013)	31 LF
D	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 817002)	31 SF
E	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID, (ITEM 817002)	42 SF

UNOFFICIAL WEBSITE COPY

ADDENDA / REVISIONS

SCALE 0 30 60 90 FEET

US 113 AT WOOD BRANCH ROAD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY		
SUSSEX	CHECKED BY: MSW	

SIGNING, STRIPING AND CONDUIT PLAN

SS-02

SECTION	SHEET NO.
PD	21

04-SEP-2019
TIME
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PERMANENT SIGN SCHEDULE

SHEET NO.	PLAN IDENTIFIER	SIGN DESIGNATION	QTY.	DESCRIPTION	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SF)	ITEM 819018 SINGLE POST (EACH)			ITEM 819019 INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON MULTIPLE SIGN POSTS (SF)			POST INSTALLATION TYPE	Code X11 12' Post (W/Basepost) (EACH)	ITEM 819016 4"HOLE, 0-6" (EACH)	ITEM 819017 4"HOLE, >6" (EACH)	REMARKS
								SIGN DISPOSITION	REMOVE	INSTALL	SIGN DISPOSITION	REMOVE	INSTALL					
SS-1	1A	W2-2_R(48)	1	SIDE ROAD (Perpendicular - Right) - 48x48	48	48		REMAIN										
SS-1	1B	W16-8aP	1	ADVANCE STREET NAME (2 - line plaque)	30	18		REMAIN										Alms House Rd
SS-1	1C	W21-10-DE(48)	1	WATCH FOR ENTERING TRAFFIC - 48x48	48	48		REMAIN										
SS-1	2	R3-20-DE	1	TURN LANE	18	18		REMAIN										
SS-1	3	R3-18(36)	1	MBINATION U-TURN AND LEFT TURN PROHIBITION (Symbol) - 36	36	36		REMOVE	1									
SS-1	4A	D3-1(9)	2	STREET NAME (1 Line)	36	9		REMAIN										Dupont Blvd
SS-1	4B	D3-1(9)	2	STREET NAME (1 Line)	36	9		REMAIN										Alms House Rd
SS-1	4C	R6-1_R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12		REMAIN										
SS-1	4D	R1-1(36)	1	STOP	36	36		REMAIN										
SS-1	4E	R3-5_R	1	MANDATORY MOVEMENT LANE CONTROL (Right)	30	36		REMAIN										
SS-1	5	R5-1(36)	1	DO NOT ENTER - 36x36	36	36		REMOVE	1									
SS-1	6	R3-18(36)	1	MBINATION U-TURN AND LEFT TURN PROHIBITION (Symbol) - 36	36	36		REMOVE	1									
SS-1	7	R5-1(36)	1	DO NOT ENTER - 36x36	36	36		REMOVE	1									
SS-1	8A	M3-3(24)	1	CARDINAL DIRECTION - SOUTH - 24x12	24	12		REMAIN										
SS-1	8B	M1-4(30)	1	US ROUTE (3 - Digit Sign) - 30x24	30	24		REMAIN										US 113
SS-1	8C	M6-1_R(21)	1	DIRECTIONAL ARROW (Right) - 21x15	21	15		REMAIN										
SS-1	9A	D3-1(9)	2	STREET NAME (1 Line)	36	9		REMAIN										Speedway Rd
SS-1	9B	R6-1_R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12		REMAIN										
SS-1	9C	R1-1(36)	1	STOP	36	36		REMAIN										
SS-1	9D	R3-5_R	1	MANDATORY MOVEMENT LANE CONTROL (Right)	30	36		REMAIN										
SS-1	10A	R12-3-DE	1	NO TRUCKS OVER 2 AXLES EXCEPT LOCAL SERVICES	24	36		REPOSITION	1	1				SOIL	1			
SS-1	10B	M6-1_L(21)	1	DIRECTIONAL ARROW (Left) - 21x15	21	15		REPOSITION	1	1								
SS-2	1	R3-20-DE	1	TURN LANE	18	18		REPOSITION	1	1				SOIL	1			
SS-2	2A	W3-3(48)	1	SIGNAL AHEAD (Symbol) - 48x48	48	48		REMAIN										
SS-2	2B	W16-8aP	1	ADVANCE STREET NAME (3 - line plaque)	36	24		REMAIN										Wood Branch Rd /Kruger Rd
SS-2	3A	M2-1(21)	1	JUNCTION - 21x15	21	15		REMAIN										
SS-2	3B	M3-1(24)	1	CARDINAL DIRECTION - NORTH - 24x12	24	12		REMAIN										
SS-2	3C	M1-4(30)	1	US ROUTE (3 - Digit Sign) - 30x24	30	24		REMAIN										US 113
SS-2	4A	W3-3(48)	1	SIGNAL AHEAD (Symbol) - 48x48	48	48		REMAIN										
SS-2	4B	W16-8P	1	ADVANCE STREET NAME (1 - line plaque)	36	9		REMAIN										Speedway Rd
SS-2	5A	W2-2_R(48)	1	SIDE ROAD (Perpendicular - Right) - 48x48	48	48		REMAIN										
SS-2	5B	W21-10-DE(48)	1	WATCH FOR ENTERING TRAFFIC - 48x48	48	48		REMAIN										
SS-2	6A	W3-1(48)	1	STOP AHEAD (Symbol) - 48x48	48	48		REMAIN										
SS-2	6B	W16-8P	1	ADVANCE STREET NAME (1 - line plaque)	36	9		REMAIN										Speedway Rd
SS-2	7	R6-1_R(54)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18	54	18		REMAIN										
SS-2	8	R1-2(36)	1	YIELD	36	36		REMAIN										
SS-2	9A	W2-1(36)	1	CROSS ROAD - 36x36	36	36		REMAIN										
SS-2	9B	W16-8P	1	ADVANCE STREET NAME (1 - line plaque)	36	9		REMAIN										Speedway Rd
SS-2	10A	M3-3(24)	1	CARDINAL DIRECTION - SOUTH - 24x12	24	12		REMAIN										
SS-2	10B	M1-4(30)	1	US ROUTE (3 - Digit Sign) - 30x24	30	24		REMAIN										US 113
SS-2	10C	M6-6_L(21)	1	DIRECTIONAL ARROW AUXILIARY (Up - Left) - 21x15	21	15		REMAIN										
SS-2	11A	M3-1(24)	1	CARDINAL DIRECTION - NORTH - 24x12	24	12		REMAIN										
SS-2	11B	M1-4(30)	1	US ROUTE (3 - Digit Sign) - 30x24	30	24		REMAIN										US 113
SS-2	11C	M6-2_R(21)	1	DIRECTIONAL ARROW (Right - upward 45) - 21x15	21	15		REMAIN										
SS-2	12A	D3-1(9)	2	STREET NAME (1 Line)	36	9		REMAIN										Dupont Blvd
SS-2	12B	D3-1(9)	2	STREET NAME (1 Line)	36	9		REMAIN										Alms House Rd
SS-2	13A	D3-1(9)	2	STREET NAME (1 Line)	36	9		REMAIN										Kruger Rd
SS-2	13B	D3-1(9)	2	STREET NAME (1 Line)	36	9		REMAIN										Dupont Blvd
SS-2	14A	M3-1(24)	1	CARDINAL DIRECTION - NORTH - 24x12	24	12		REMAIN										
SS-2	14B	M1-4(30)	1	US ROUTE (3 - Digit Sign) - 30x24	30	24		REMAIN										US 113
SS-2	14C	M6-6_L(21)	1	DIRECTIONAL ARROW AUXILIARY (Up - Left) - 21x15	21	15		REMAIN										
SS-2	15A	M3-3(24)	1	CARDINAL DIRECTION - SOUTH - 24x12	24	12		REMAIN										
SS-2	15B	M1-4(30)	1	US ROUTE (3 - Digit Sign) - 30x24	30	24		REMAIN										US 113
SS-2	15C	M6-2_R(21)	1	DIRECTIONAL ARROW (Right - upward 45) - 21x15	21	15		REMAIN										
SS-2	16	R6-1_R(54)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18	54	18		REMAIN										
SS-2	17	R1-2(36)	1	YIELD	36	36		REMAIN										
				JOB TOTALS			0		7	3		0	0		2	0	0	

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ADDENDA / REVISIONS

NOT TO SCALE

US 113 AT WOOD BRANCH RD INTERSECTION IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T201904003	DESIGNED BY: ASH	
COUNTY		
SUSSEX	CHECKED BY: MSW	

SIGNING, STRIPING AND CONDUIT PLAN

SS-03

SECTION: TR

SHEET NO. 22