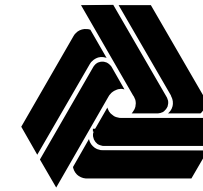


GENERAL LOCATION OF CONTRACT

THE STATE OF DELAWARE DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY
UNITS

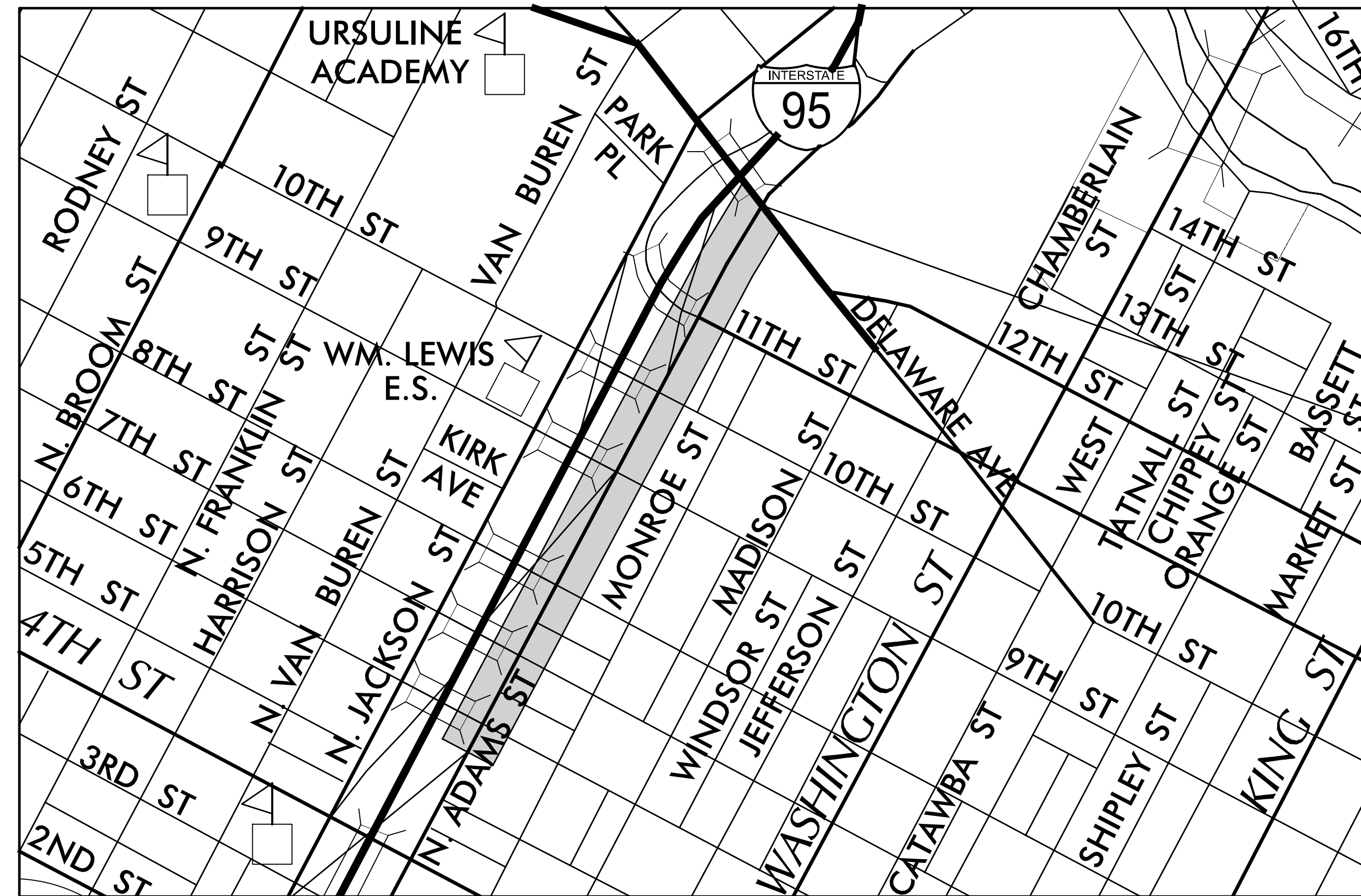


CONSTRUCTION PLANS FOR:

ADAMS STREET SIDEWALK IMPROVEMENTS

CONTRACT NUMBER: **T202301103**
FEDERAL AID PROJECT NUMBER: **ESTP-2023(40)**

COUNTY: NEW CASTLE M.R. #: N505

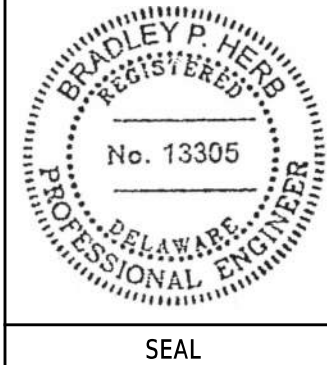
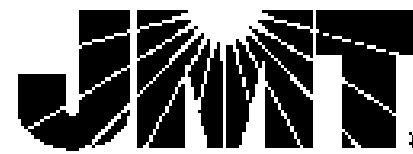


BEGIN CONTRACT
STATION 103+00.00

LOCATION MAP
NOT TO SCALE

END CONTRACT
STATION 14+48.75

PREPARED BY



Bradley P. Neis
THIS SEAL APPLIES TO ALL SHEETS
BEARING THE "JMT" SECTION DESIGNATION.

05/07/2025
DATE

SEAL

APPROVED FOR ADVERTISEMENT

William J. ...
DIRECTOR OF PLANNING

05/22/25
DATE

DESIGN DESIGNATION			
MRD #: N505	ROAD NAME: NORTH ADAMS STREET		
FUNCTIONAL CLASS: MINOR ARTERIAL	D.H.V. PROJECTED: 541	YEAR: 2050	
TYPE OF CONSTRUCTION: RECONSTRUCTION	DESIGN SPEED: 35 M.P.H.		
A.A.D.T. CURRENT: 4,401	YEAR: 2024	TRUCKS: 7.6%	
A.A.D.T. PROJECTED: 5,010	YEAR: 2050	DIRECTION OF DISTRIBUTION: 100%	
APPROVED DESIGN EXCEPTIONS			
DESIGN PARAMETER	REQUIRED	PROVIDED	DATE
ADDENDA/ REVISIONS			
ASSOCIATED CONTRACTS			
CONTRACT NO.	CONTRACT NAME		
64-03-004	INTERSTATE HIGHWAY ROUTE I-95 SOUTH WILMINGTON VIADUCT		
64-04-020 (PART A)	I-95 PART A, FOURTH STREET TO NINTH STREET		
64-04-020 (PART B)	I-95 PART B, NINTH STREET TO ELEVENTH STREET		
64-04-020 (PART C)	I-95 PART C, ELEVENTH STREET TO DELAWARE AVENUE		
65-05-001	DELAWARE AVE. - 12TH STREET (WILMINGTON)		
69-11-002	MLK BOULEVARD (WILMINGTON BOULEVARD), ADAMS ST. TO JEFFERSON ST.		
70-10-001	11TH STREET - WILMINGTON, ADAMS STREET TO JEFFERSON STREET		
80-064-10	DELAWARE AVENUE - WILMINGTON, MADISON ST. TO ADAMS ST.		
96-200-16	TRINITY VICINITY, ADAMS STREET, WILMINGTON		
T201701102	CURB RAMP ADA IMPROVEMENTS, CITY OF WILMINGTON		
T201407404	REHABILITATION OF I-95 FROM I-495 TO NORTH OF BRANDYWINE RIVER		

INDEX OF SHEETS	
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ADDENDA / REVISIONS

NOT TO SCALE

**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

INDEX OF SHEETS	SECTION
	JMT
	SHEET NO.
	2

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ADDENDUM PREPARED BY JMT ENGINEERING - HIGHWAYS DEPARTMENT		
THIS SEAL APPLIES TO THE FOLLOWING SHEETS CHANGED UNDER ADDENDUM #1:	DATE	SEAL

REVISION PREPARED BY JMT ENGINEERING - HIGHWAYS DEPARTMENT		
THIS SEAL APPLIES TO THE FOLLOWING SHEETS CHANGED UNDER REVISION #1:	DATE	SEAL

ADDENDA / REVISIONS		NOT TO SCALE	ADAMS STREET SIDEWALK IMPROVEMENTS	CONTRACT	BRIDGE NO.	N/A	ADDENDA AND REVISIONS	SECTION
				T202301103	DESIGNED BY: J.IORIO			JMT
				COUNTY	CHECKED BY: B.DOUGHERTY	SHEET NO.		
				NEW CASTLE		3		

LAST REVISED: 07/22/2021
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MANMADE ROADSIDE FEATURES			
FEATURE DESCRIPTION	EXISTING	PROPOSED	ID
BARRIER - DOUBLE-FACED, PERMANENT			
BARRIER - SINGLE-FACED, PERMANENT, TEST LEVEL 4 / TEST LEVEL 5	BARRIER, TYPE "X"		B XXX
BARRIER - HIGH TENSION CABLE (HTCB)			
BARRIER - HTCB END TERMINAL			
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 O
CURB/SW OPENING - ADJACENT CURB			CO SW
CURB/SW OPENING - NON-ADJACENT CURB			
FENCE - CHAINLINK OR STRANDED			F XXX
FENCE - STOCKADE OR SPLIT RAIL			
FLAG POLE	F.P.		
GUARDRAIL - STEEL BEAM, TYPE 1			
GUARDRAIL - STEEL BEAM, TYPE 2			
GUARDRAIL - STEEL BEAM, TYPE 3			
GUARDRAIL - WIRE ROPE			
GUARDRAIL - END ANCHORAGE			OR XXX
GUARDRAIL - END TREATMENT, TYPE 1			
GUARDRAIL - END TREATMENT, TYPE 2			
GUARDRAIL - END TREATMENT, TYPE 3			
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			
DITCH OR STREAM (V-SHAPE / TRAPEZOIDAL)			
DIRECTIONAL STREAM FLOW ARROW			
DRAINAGE INLET	C.B. 	D.I. 	DI XXX
DRAINAGE JUNCTION BOX	J.B. 		JB XXX
DRAINAGE MANHOLE			RM XXX
DRAINAGE PIPE AND FLOW ARROW	SIZE/TYPE LABEL 		P XXX
FLARED END SECTION			FES XXX
RIPRAP - AREA FEATURE			RR XXX
RIPRAP - LINEAR FEATURE			
SAFETY END STRUCTURE			SES XXX
UNDERDRAIN			UD XXX
UNDERDRAIN OUTLET			UDO XXX

UTILITY FEATURES		
FEATURE DESCRIPTION	EXISTING	PROPOSED
COMMUNICATIONS DISTRIBUTION BOX		
COMMUNICATIONS MANHOLE	C 	Ⓢ
COMMUNICATIONS TEST POINT	CT 	T
COMMUNICATIONS - UNDERGROUND	COMM(A) 	COMM
ELECTRIC - UNDERGROUND	E(A) 	E
ELECTRIC MANHOLE	E 	Ⓢ
ELECTRIC METER	EM 	
ELECTRIC TRANSFORMER	E 	
GAS - UNDERGROUND	G(A) 	G
GAS MANHOLE	G 	Ⓢ
GAS METER	G.M. 	
GAS VALVE	G.V. 	
GAS PUMP - SERVICE STATION	G.P. 	
IRRIGATION - UNDERGROUND	IR(A) 	IR
ITMS - UNDERGROUND	ITMS(A) 	ITMS
LIGHTING - UNDERGROUND	LI(A) 	LI
LUMINAIRE - POLE MOUNTED		
MANHOLE - UNDETERMINED OWNER	Ⓢ	
RAILROAD TRACKS		
SANITARY - UNDERGROUND	S(A) 	S
SANITARY SEWER MANHOLE	Ⓢ 	Ⓢ
SANITARY SEWER VALVE	S.V. 	
SANITARY SEWER CLEANOUT OR VENT	S.C.O. 	
SEPTIC DRAIN FIELD	S.D.F. 	
SIGNALIZATION - UNDERGROUND	SIG(A) 	SIG
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	UM 	
UTILITY POLE GUY WIRE ANCHOR		
UTILITY POLE		
UTILITY TEST HOLE LOCATION		
WATER - UNDERGROUND	W(A) 	W
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 	R/W
RIGHT-OF-WAY BY PE	R/W-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
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	CDM XXX
DO NOT DISTURB	DND XXX
ENERGY DISSIPATOR	ED XXX
FILL WITH FLOWABLE FILL	FF C
LANDSCAPE PLANTINGS	LS XXX
PEDESTRIAN CONNECTION / TYPE	PC X
PEDESTRIAN CONNECTION / TYPE WITHOUT DETECTABLE WARNING SYSTEM	PC-N 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	M XXX

ADDENDA / REVISIONS

NOT TO SCALE

**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

LEGEND

SECTION	JMT
SHEET NO.	4

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.
- ELECTRONIC DESIGN DATA FILES THAT WILL BE MADE AVAILABLE TO THE BIDDERS INCLUDE:

()	NONE
()	ASCII DATA FILES WITH COORDINATES AND ELEVATIONS FOR PROPOSED POINTS AS SELECTED BY THE ENGINEER.
()	DESIGN FILE, IN .DGN FILE FORMAT, THAT CONTAINS 3D TRIANGLES REPRESENTING THE EXISTING SURFACE.
(X)	DESIGN FILE, IN .DGN FILE FORMAT, THAT CONTAINS 3D FEATURE LINES FOR THE PROPOSED DESIGN. 3D FEATURE LINES ARE FOR THE PROPOSED TOP SURFACE ELEVATION ONLY.

NOTE: THE DOCUMENT ENTITLED "ELECTRONIC FILE SHARING RELEASE" MUST BE SIGNED BY ALL PARTIES PRIOR TO THE DELIVERY OF ANY ELECTRONIC PROJECT FILES.

NOTE: THERE MAY BE SOME AREAS OF THE PROJECT NOT INCLUDED IN THE ELECTRONIC DESIGN DATA FILE(S). IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE DESIGN DATA FILE AND DETERMINE THE LIMITS OF THE PROJECT INCLUDED.

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

(X)	CROSS SECTIONS
()	RIGHT-OF-WAY PLANS

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.
- THE CONTRACTOR WILL CONTACT THE DELAWARE TMC AT 302-659-4600 PRIOR TO ANY UNMANNED AERIAL 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.
- NIGHT WORK IS NOT PERMITTED ON THIS PROJECT UNLESS THE CONTRACTOR OBTAINS: APPROVAL FROM THE ENGINEER, ACCEPTABLE RESPONSES ON NIGHT WORK SURVEYS, AND ACCEPTANCE FROM THE MUNICIPALITY. METHOD AND FORMAT OF NIGHT WORK SURVEYS WILL BE PROVIDED BY THE ENGINEER UPON REQUEST. NIGHT WORK, SURVEYS, AND COORDINATION WITH MUNICIPALITIES IS NOT COMPENSABLE AND THE TIME TO COMPLETE THE SURVEYS IS NOT EXCUSABLE.

SECTION 200

- ITEMS TO BE REMOVED UNDER ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 - SIGNAL POLES AND BASES
 - DRAINAGE INLETS
 - JUNCTION WELLS
 - CONDUIT
 - WIRE
 - CABINET BASES
 - LIGHT POLES AND FOUNDATIONS
 - DRAINAGE PIPES
 - MANHOLES
 - UTILITY POLES
 - SIGN POSTS
 - BRICK PAVERS
- ONLY EXISTING FEATURES WITHIN THE LOC IDENTIFIED WITH REMOVE BY CONTRACTOR OR BY OTHER METHODS ARE TO BE REMOVED OR DISTURBED.

SECTION 400

- THE PAVEMENT SECTION FOR FLEXIBLE PAVEMENT RESIDENTIAL DRIVEWAYS SHALL BE 2" BITUMINOUS CONCRETE, TYPE 'C' OVER 8" GRADED AGGREGATE BASE COURSE, UNLESS OTHERWISE NOTED ON THE PLANS OR AS DETERMINED BY ENGINEER IN THE FIELD AS NEEDED TO MATCH EXISTING

SECTION 600

- 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 FRAME(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.
- 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.

PROJECT NOTES

SECTION 700

- IN AREAS WHERE PROPOSED CURB MEETS EXISTING CURB AND THE TWO CURB TYPES ARE NOT SIMILAR, THE PROPOSED CURB SHALL BE TRANSITIONED IN 10 LINEAR FEET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE TRANSITIONED CURB WORK SHALL BE MEASURED AND PAID FOR UNDER THE PROPOSED CURB ITEM. SAW CUTTING OF THE EXISTING CURB SHALL BE INCIDENTAL TO THE PROPOSED CURB ITEM.
- 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 - SAWCUTTING, CONCRETE, FULL DEPTH.
- 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.

SECTION 900

- 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.
- THE PRICE FOR ITEM 911000 INCLUDES MAINTAINING A WEED FREE LANDSCAPE BED THROUGH THE FINAL ACCEPTANCE OF ALL LANDSCAPE ITEMS.

MISCELLANEOUS NOTES

- 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, UNLESS OTHERWISE NOTED IN THE PLANS, 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.
- ALL DART SIGNS HAVE BEEN UPDATED TO A NEW DESIGN. THE DELDOT SIGN SHOP DOES NOT FABRICATE THE UPDATED SIGN OR ANY SUPPLEMENTAL PLAQUES TO ALLOW FOR ADDITIONAL ROUTE NUMBERS. ALL REQUESTS FOR FABRICATION OF THESE SIGNS MUST BE MADE THROUGH DART TRANSIT AT (302) 576-6132.
- ANY STAGING AND/OR STOCKPILE AREA(S) OUTSIDE THE PROJECT'S LIMIT OF CONSTRUCTION (LOC) THAT INDIVIDUALLY OR CUMULATIVELY ARE LARGER THAN 10,000 SQUARE FEET, MUST BE APPROVED BY DELDOT'S ARCHAEOLOGIST. CONTACT THE CONSTRUCTION AREA ENGINEER WHO WILL COORDINATE WITH DELDOT'S ARCHAEOLOGIST.

WITHIN 30 DAYS, DELDOT WILL:
 - APPROVE THE USE OF THE PROPOSED STAGING AND STOCKPILE AREA(S);
 - REJECT THE REQUEST; OR
 - PERFORM AN ARCHAEOLOGICAL SURVEY TO DETERMINE WHETHER TO APPROVE OR REJECT THE REQUEST, WHICH MAY TAKE UP TO 3 MONTHS. IF AN ARCHAEOLOGICAL SURVEY IS NECESSARY, DELDOT OR A CONSULTANT ON ITS BEHALF WILL UNDERTAKE THE SURVEY.

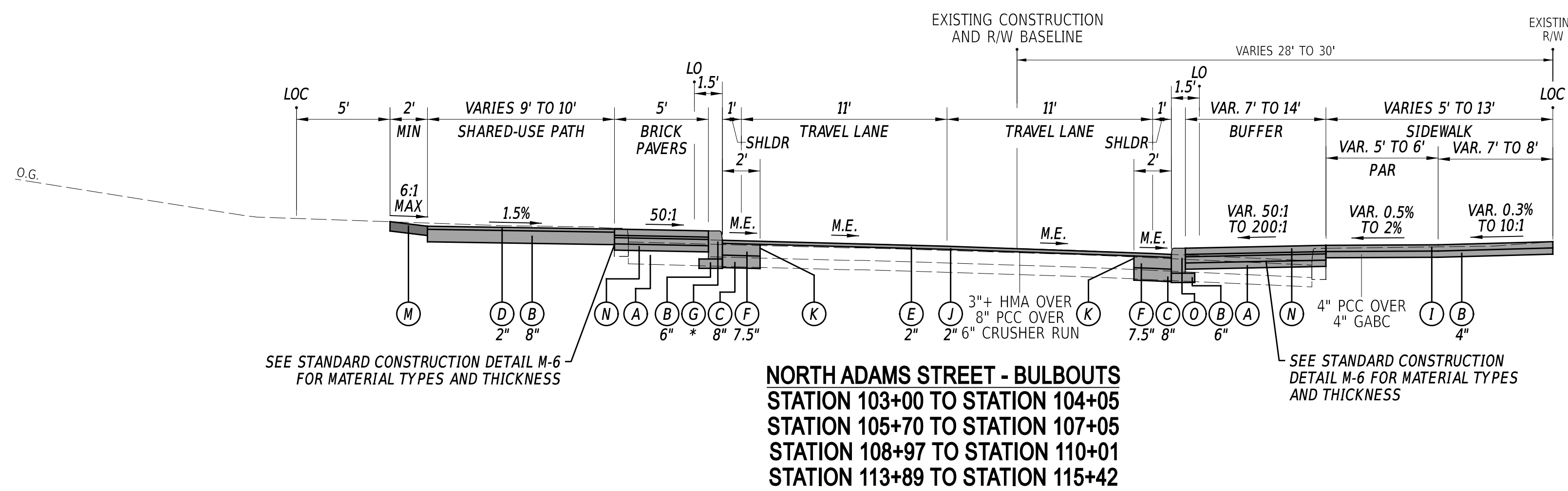
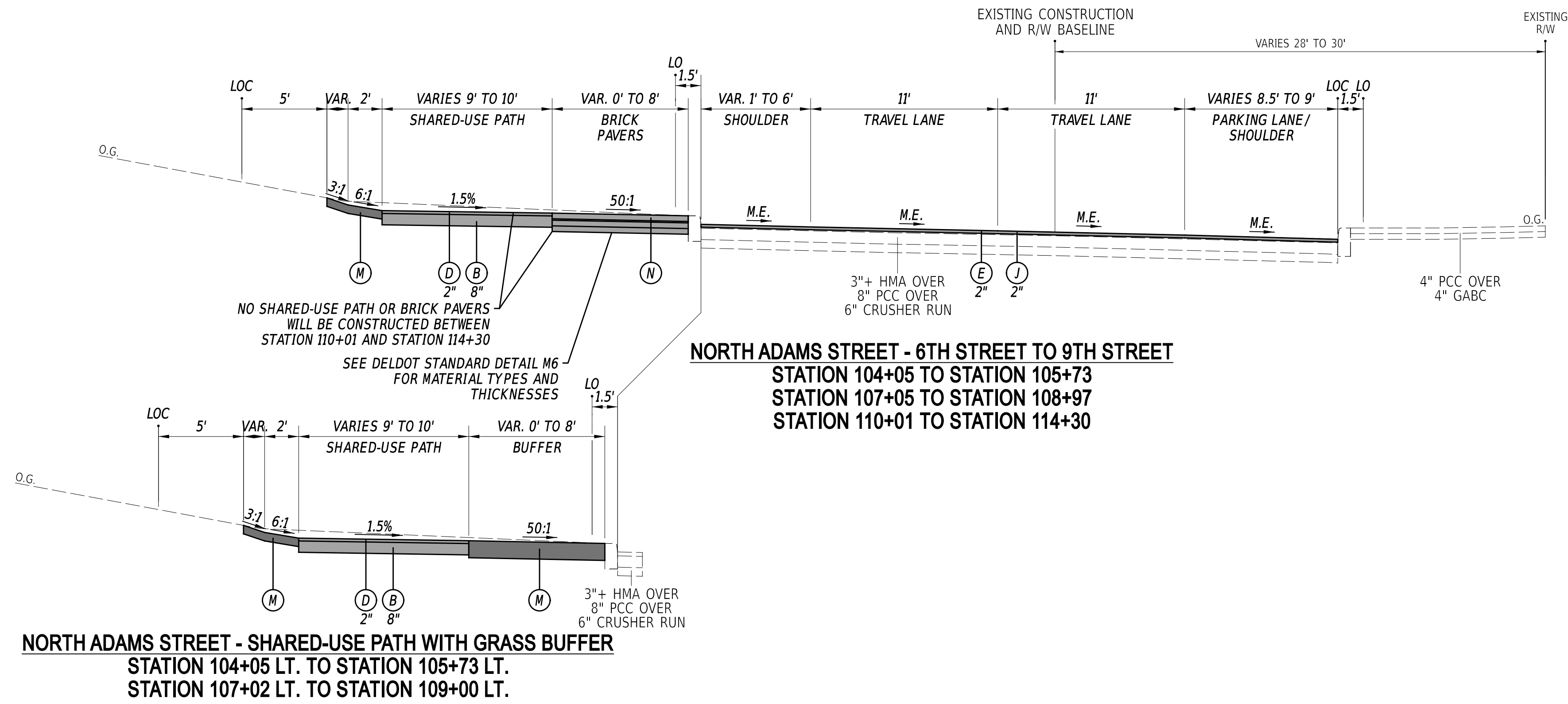
- A CONTAMINATED MATERIALS MANAGEMENT PLAN (CMMP) AND HEALTH AND SAFETY PLAN (HASP) HAVE BEEN PROVIDED AS PART OF THE CONTRACT. COOPERATION SHALL BE MAINTAINED WITH DNREC PERSONNEL AND THE DEPARTMENT'S ENVIRONMENTAL REPRESENTATIVE THROUGHOUT THE DURATION OF THE CONTRACT TO ENSURE THAT THE GOALS OF THE PROGRAM ARE ADDRESSED. EXCAVATION WORK WILL TAKE PLACE IN AREAS THAT MAY CONTAIN CONTAMINATED SOIL AND/OR GROUNDWATER.
- WORKER SAFETY TRAINING AND PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS FOR EXCAVATION CONTRACTORS OUTLINED IN THE HASP ARE:
 - 24-HOUR OSHA HAZWOPER TRAINING
 - MODIFIED LEVEL D PERSONAL PROTECTIVE EQUIPMENT (HARD HATS, STEEL TOE BOOTS, NITRILE GLOVES, SAFETY VESTS)
- NO SOIL CAN BE TAKEN OFF SITE WITHOUT APPROVAL OF THE ENGINEER. CONTAMINATED SOIL DISPOSAL WILL BE HANDLED BY THE DEPARTMENT'S ENVIRONMENTAL REPRESENTATIVE. ALL SOIL EXCAVATED DUE TO THE PROJECT'S CONSTRUCTION SHALL BE STOCKPILED IN THE DESIGNATED STOCKPILE AREAS, REUSED AS BACKFILL MATERIAL, OR DIRECT LOADED INTO THE ENVIRONMENTAL REPRESENTATIVE'S TRUCKS, AS DIRECTED IN ACCORDANCE WITH THE CONTAMINATED MATERIALS MANAGEMENT PLAN (CMMP) AND DELDOT STANDARD MATERIAL SPECIFICATIONS. SOIL THAT IS ENVIRONMENTALLY SUITABLE FOR REUSE WILL BE PAID FOR UNDER THE APPROPRIATE ITEM. THE CONTRACTOR SHALL REUSE CONTAMINATED SOIL AS EMBANKMENT, FILL OR OTHER APPROPRIATE ON-SITE USE AS DETERMINED AND APPROVED BY THE ENGINEER AND THE ENVIRONMENTAL REPRESENTATIVE, AND IN ACCORDANCE WITH THE CONTRACT. THE CONTRACTOR IS RESPONSIBLE TO IDENTIFY A STAGING AREA LOCATED WITHIN THE LIMITS OF CONSTRUCTION FOR PLACEMENT OF THE SOIL PENDING SAMPLING ANALYSIS AND OFFSITE REMOVAL

- THE CONTRACTOR SHALL DELIVER ANY EXCESS BRICK AND STONE CURB REMOVED FROM THE SITE TO THE CITY OF WILMINGTON'S THE CITY OF WILMINGTON'S 12TH STREET MAINTENANCE YARD. CONTACT GEORGE JOHNSON AT GJOHNSON@WILMINGTONDE.GOV TO COORDINATE DELIVERY. THE MATERIAL SHALL BE NEATLY STOCKPILED AT THE YARD. COSTS FOR THIS WORK SHALL BE INCIDENTAL TO THE REMOVAL ITEM UTILIZED FOR PAYMENT ON THE CONTRACT.
- ADJUSTMENTS TO ANY UTILITIES OWNED BY THE CITY OF WILMINGTON MUST BE PERFORMED BY A LICENSED CONTRACTOR APPROVED BY THE CITY OF WILMINGTON. THE LIST OF APPROVED WATER AND SEWER CONTRACTORS, ALONG WITH INSTRUCTIONS ON HOW TO BECOME AN APPROVED CITY OF WILMINGTON WATER AND SEWER CONTRACTOR, IS AVAILABLE AT <https://www.wilmingtonwater.gov/256/Approved-Water-Sewer-Contractors>.

EARTHWORK SUMMARY	
EXCAVATION	
EXCAVATION FROM CROSS SECTIONS	1,109 C.Y.
ROCK EXCAVATION FOR ROADWAY AND TRENCHES	0 C.Y.
TOPSOIL STRIPPING	0 C.Y.
TOTAL EXCAVATION	1,109 C.Y.
EXCAVATION AVAILABLE FOR EMBANKMENT	
EXCAVATION MEETING BORROW TYPE 'A'	0 C.Y.
EXCAVATION MEETING BORROW TYPE 'F'	0 C.Y.
EXCAVATION MEETING TOPSOIL	0 C.Y.
EMBANKMENT REQUIREMENTS	
BORROW TYPE 'A' REQUIRED (INCLUDING UNDERCUT)	0 C.Y.
BORROW TYPE 'F' REQUIRED	8 C.Y.
TOPSOIL REQUIRED	1,102 S.Y.
MATERIAL BALANCE ("+"=EXCESS, "-"=NEED)	
BORROW TYPE 'A'	0 C.Y.
BORROW TYPE 'F'	-8 C.Y.
TOPSOIL	-1,102 S.Y.
UNSUITABLE MATERIAL	1,109 C.Y.
NOTES:	
1) THE VALUES LISTED IN THE EARTHWORK SUMMARY ARE APPROXIMATE AND ARE NOT TO BE USED AS A BASIS OF PAYMENT. THE EARTHWORK SUMMARY IS CONSIDERED FOR INFORMATIONAL PURPOSED ONLY.	
2) OTHER SOURCES OF EXCAVATION MAY INCLUDE PIPE TRENCH EXCAVATION, STRUCTURE EXCAVATION, UNDERCUT EXCAVATION, STORMWATER MANAGEMENT POND EXCAVATION, ENVIRONMENTAL SITE EXCAVATION, MAINTENANCE OF TRAFFIC EXCAVATION, ETC.	
3) UNSUITABLE MATERIALS INCLUDE UNDERCUT SOILS, BITUMINOUS PAVEMENT, ETC.	

8-11-2025 08:54 pm://deldot-pw.bentley.com/deldot-pw-01/Documents/01_Active_Projects/DelDOT_Capital_Projects/T202301103_JMT400_CADD/420_ROAD/423_SHEET_DGN/PNO1_RD5F_T202301103_JMT

ADDENDA / REVISIONS		NOT TO SCALE	ADAMS STREET SIDEWALK IMPROVEMENTS	CONTRACT T202301103	BRIDGE NO. N/A	NOTES	SECTION JMT
				COUNTY NEW CASTLE	DESIGNED BY: J.IORIO		SHEET NO. 5
					CHECKED BY: B.DOUGHERTY		



*USE ITEM 701013 - PCC CURB TYPE 1-8 AT THE SOUTHWEST CORNER BULBOUT OF THE N. ADAMS STREET AND W. 6TH STREET INTERSECTION.

**WHEN BRICK SIDEWALK ABUTS A BUILDING, CONSTRUCT THE BRICK SIDEWALK IN ACCORDANCE WITH NOTE 1 OF DELDOT STANDARD CONSTRUCTION DETAIL M-6. OTHERWISE, PLACE 6" BUFFER OF TOPSOIL BETWEEN THE BRICK SIDEWALK AND LIMIT OF CONSTRUCTION AS SHOWN ON THE TYPICAL SECTION.

LEGEND

(A) ITEM 209006 - BORROW, TYPE F	(G) ITEM 701012 - PCC CURB, TYPE 1-6	(M) ITEM 908004 - TOPSOIL, 6" DEPTH OR ITEM 908005 - TOPSOIL, 12" DEPTH OR ITEM 908010 - TOPSOILING, 6" DEPTH OR ITEM 908014 - PERMANENT GRASS SEEDING, DRY GROUND OR ITEM 908026 - EROSION CONTROL MULCH
(B) ITEM 301001 - GABC	(I) ITEM 705001 - PCC SIDEWALK, 4"	(N) ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK
(C) ITEM 301002 - GABC, PATCHING	(J) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	(P) ITEM 705002 - PCC SIDEWALK, 6"
(D) ITEM 401005 - SUPERPAVE TYPE C, 9.5 mm, PG 64-22 (CARBONATE STONE)	(K) ITEM 762000 - SAW CUTTING, BITUMINOUS CONCRETE ITEM 762001 - SAW CUTTING, CONCRETE, FULL DEPTH	
(E) ITEM 401046 - SUPERPAVE TYPE C, 9.5 mm, PG 76-22 (NON-CARBONATE STONE)	(L) ITEM 701013 - PCC CURB, TYPE 1-8	
(F) ITEM 401030 - SUPERPAVE TYPE B, PG 64-22, PATCHING		

MATERIAL TYPE	BINDER GRADE	LIFT THICKNESS (IN)	
		MINIMUM	MAXIMUM
TYPE C (4.75 MM MIX)	ALL	0.5	1.0
TYPE C (9.5 MM MIX)	ALL	1.25	2.0
TYPE C (12.5 MM MIX)	ALL	1.5	2.0
TYPE B (19 MM MIX)	76-22, 70-22	2.25	4.0
TYPE B (19 MM MIX)	64-22	2.25	6.0
TYPE BCBC (25 MM MIX)	64-22	3.0	6.0
GABC	-	4.0	8.0

ADDENDA / REVISIONS

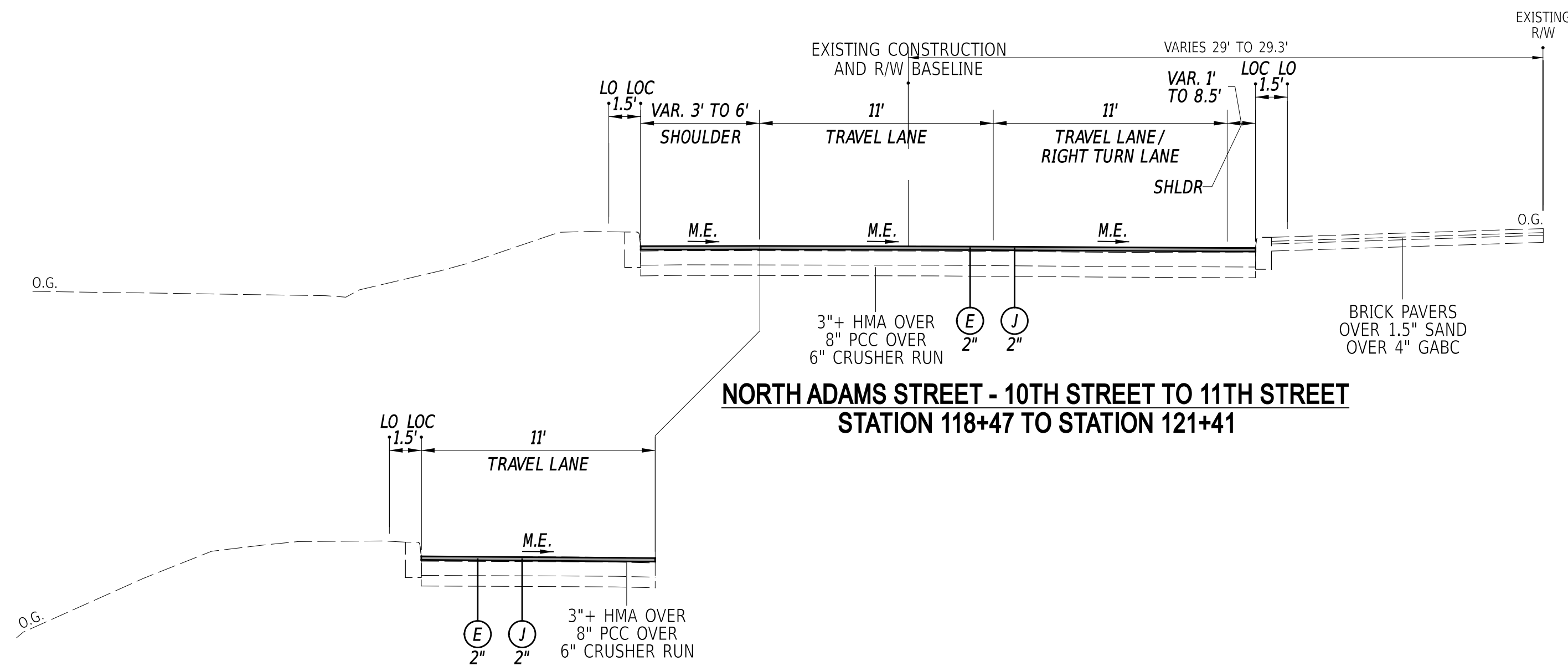
NOT TO SCALE

**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

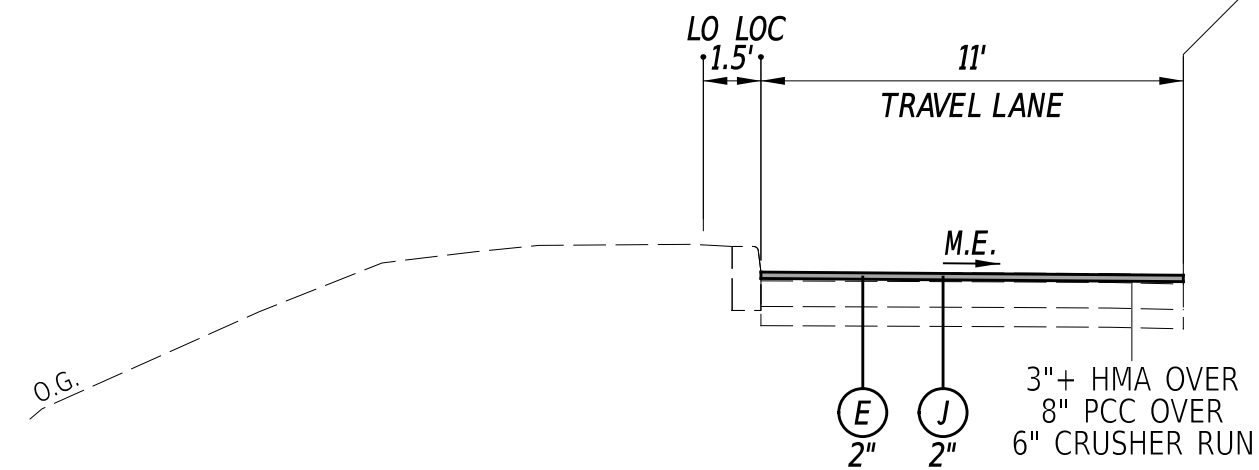
CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

TYPICAL SECTIONS

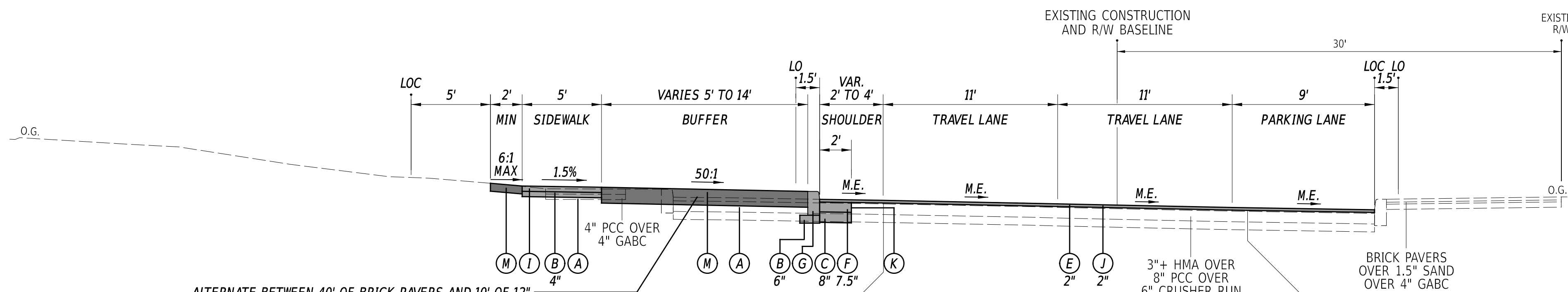
SECTION	JMT
SHEET NO.	6



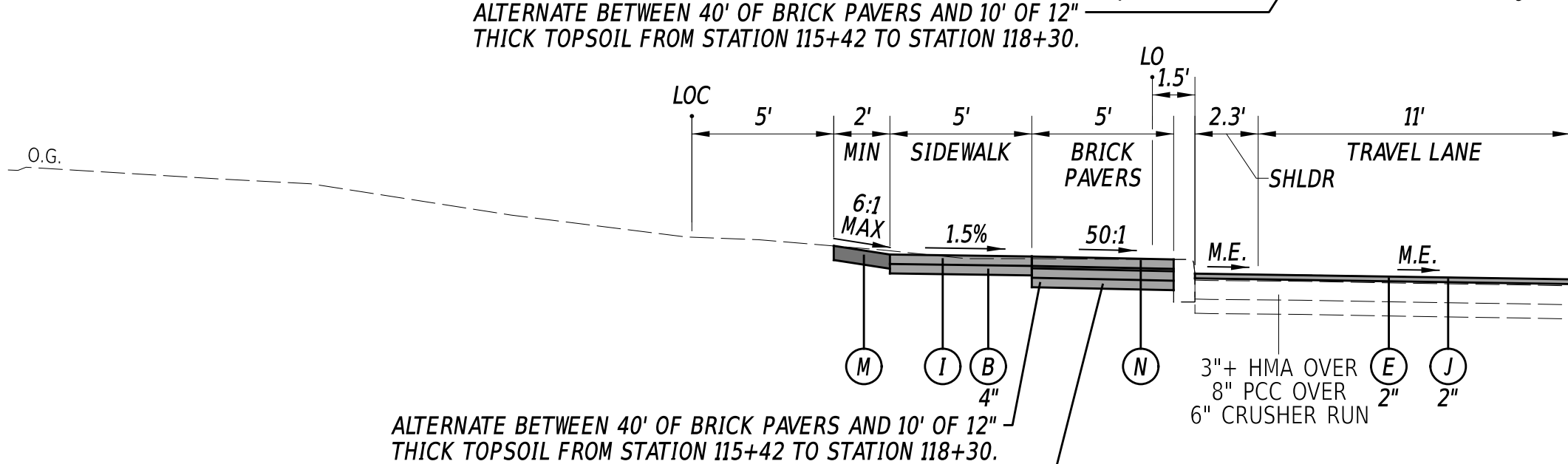
**NORTH ADAMS STREET - 10TH STREET TO 11TH STREET
STATION 118+47 TO STATION 121+41**



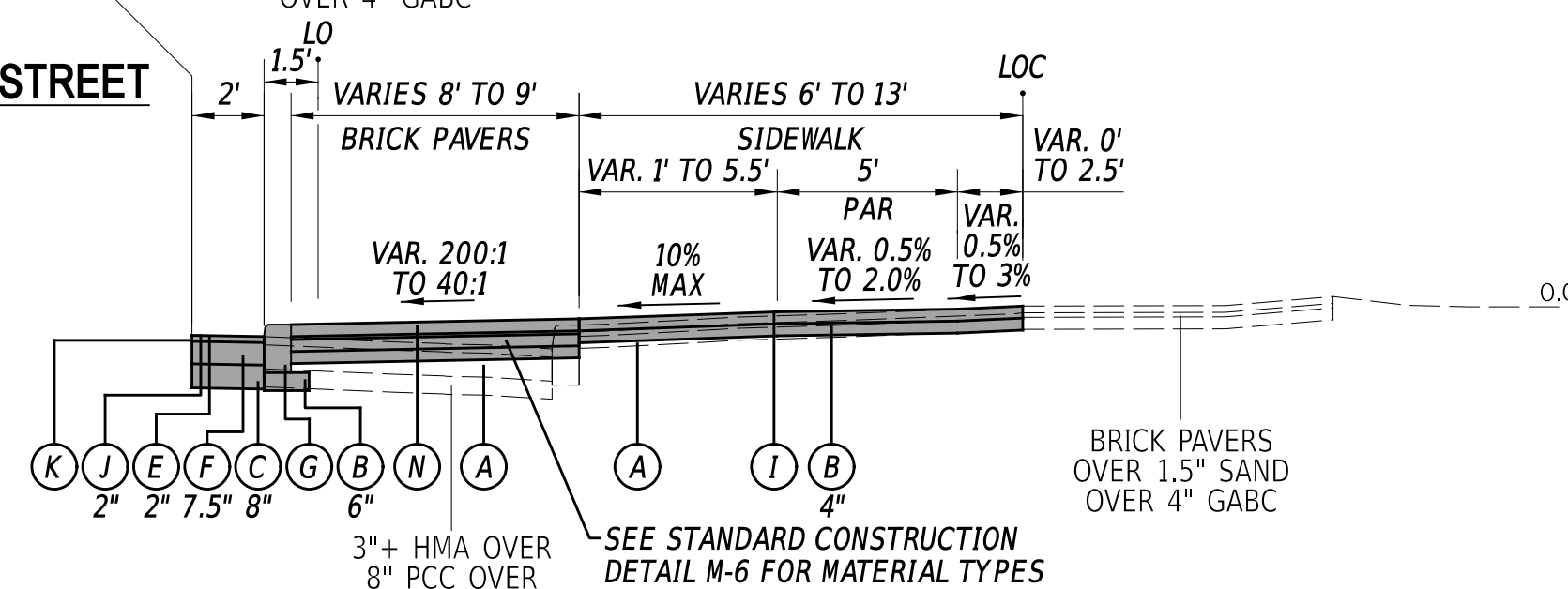
**NORTH ADAMS STREET - 10TH STREET TO 11TH STREET - LEFT TRAVEL LANE
STATION 120+28 LT. TO STATION 121+41 LT.**



**NORTH ADAMS STREET - 9TH STREET TO 10TH STREET
STATION 115+42 TO STATION 118+30**



**NORTH ADAMS STREET - 9TH STREET TO 10TH STREET - LEFT TURN LANE
STATION 116+20 LT. TO STATION 118+30 LT.**



**NORTH ADAMS STREET - 10TH STREET SOUTHEAST CORNER BULBOUT
STATION 117+75 RT. TO STATION 118+30 RT.**

**WHEN BRICK SIDEWALK ABUTS A BUILDING, CONSTRUCT THE BRICK SIDEWALK IN ACCORDANCE WITH NOTE 1 OF DELDOT STANDARD CONSTRUCTION DETAIL M-6. OTHERWISE, PLACE 6" BUFFER OF TOPSOIL BETWEEN THE BRICK SIDEWALK AND LIMIT OF CONSTRUCTION AS SHOWN ON THE TYPICAL SECTION.

LEGEND

(A) ITEM 209006 - BORROW, TYPE F	(G) ITEM 701012 - PCC CURB, TYPE 1-6	(M) ITEM 908004 - TOPSOIL, 6" DEPTH OR ITEM 908005 - TOPSOIL, 12" DEPTH OR ITEM 908010 - TOPSOILING, 6" DEPTH OR ITEM 908014 - PERMANENT GRASS SEEDING, DRY GROUND OR ITEM 908026 - EROSION CONTROL MULCH
(B) ITEM 301001 - GABC	(I) ITEM 705001 - PCC SIDEWALK, 4"	(N) ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK
(C) ITEM 301002 - GABC, PATCHING	(J) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	(O) ITEM 701011 - PCC CURB, TYPE 1-4
(D) ITEM 401005 - SUPERPAVE TYPE C, 9.5 mm, PG 64-22 (CARBONATE STONE)	(K) ITEM 762000 - SAW CUTTING, BITUMINOUS CONCRETE ITEM 762001 - SAW CUTTING, CONCRETE, FULL DEPTH	(P) ITEM 705002 - PCC SIDEWALK, 6"
(E) ITEM 401046 - SUPERPAVE TYPE C, 9.5 mm, PG 76-22 (NON-CARBONATE STONE)	(L) ITEM 701013 - PCC CURB, TYPE 1-8	
(F) ITEM 401030 - SUPERPAVE TYPE B, PG 64-22, PATCHING		

MATERIAL TYPE	BINDER GRADE	LIFT THICKNESS (IN)	
		MINIMUM	MAXIMUM
TYPE C (4.75 MM MIX)	ALL	0.5	1.0
TYPE C (9.5 MM MIX)	ALL	1.25	2.0
TYPE C (12.5 MM MIX)	ALL	1.5	2.0
TYPE B (19 MM MIX)	76-22, 70-22	2.25	4.0
TYPE B (19 MM MIX)	64-22	2.25	6.0
TYPE BCBC (25 MM MIX)	64-22	3.0	6.0
GABC	-	4.0	8.0

ADDENDA / REVISIONS

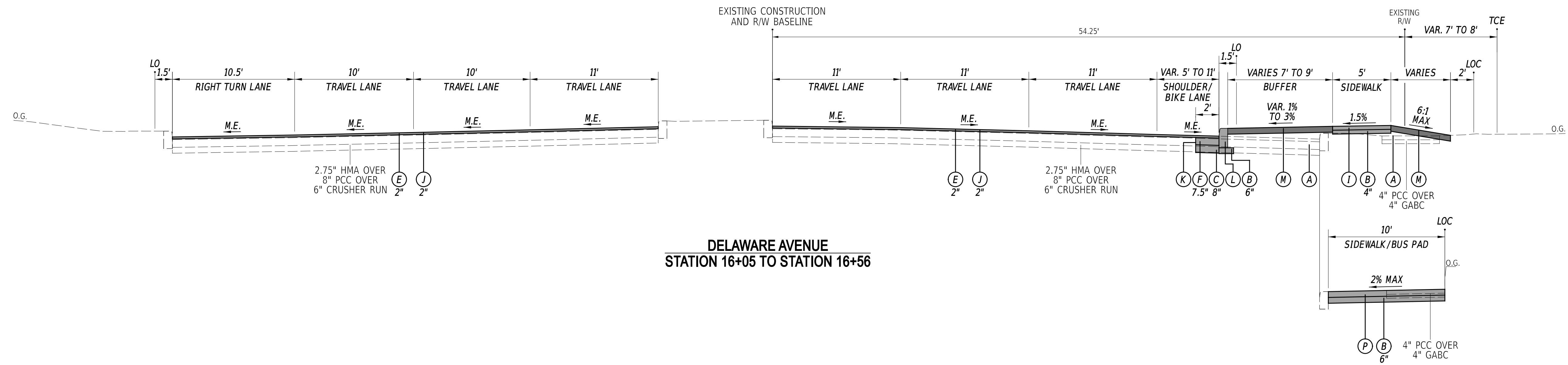
NOT TO SCALE

**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

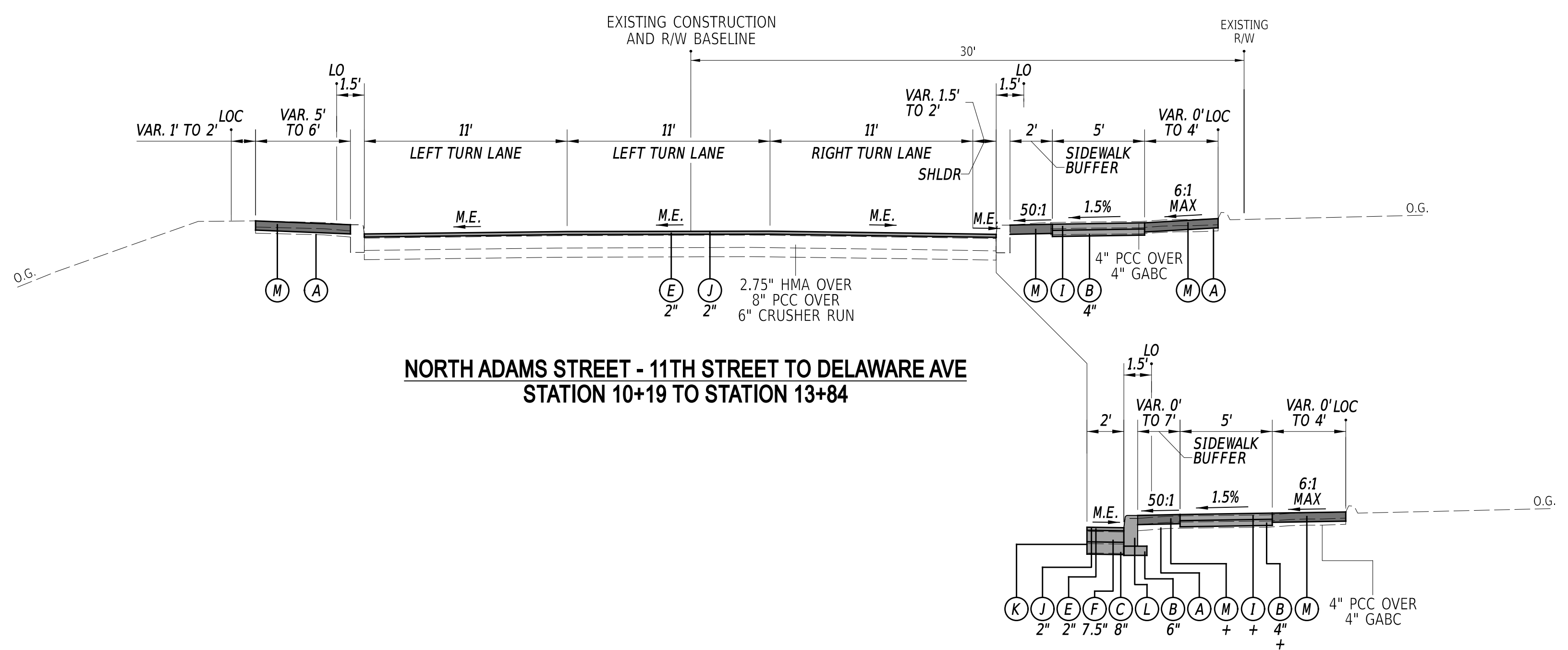
TYPICAL SECTIONS

SECTION	JMT
SHEET NO.	7

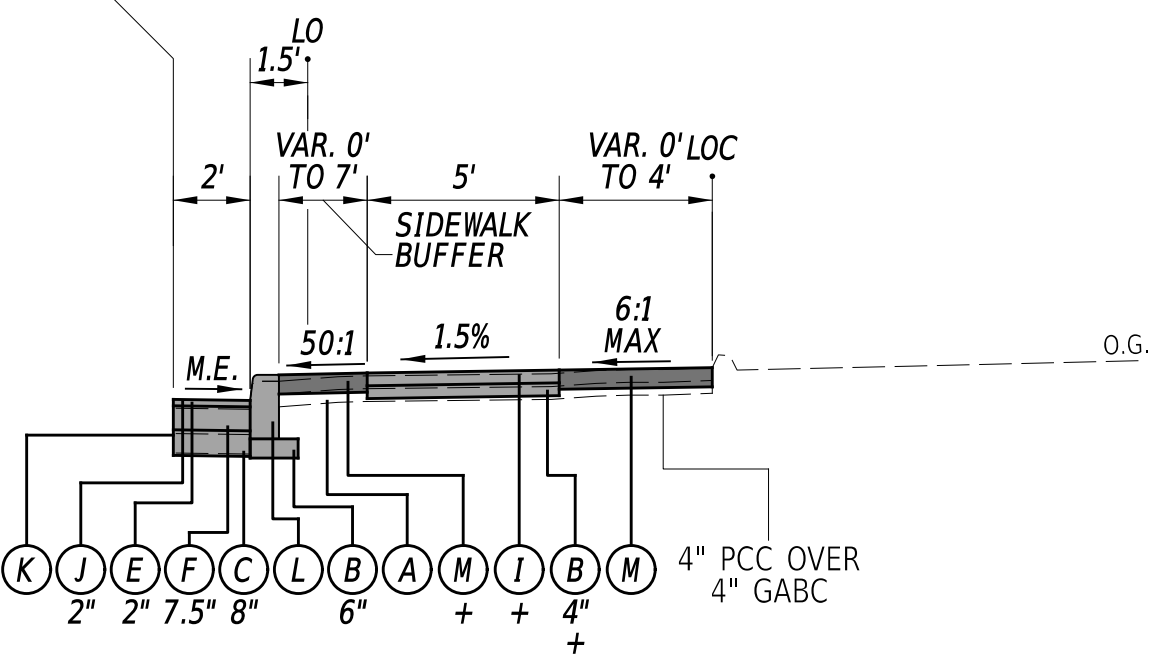


DELAWARE AVENUE
STATION 16+05 TO STATION 16+56

DELAWARE AVENUE - PROPOSED BUS STOP
STATION B 17+15 TO STATION B 17+66



NORTH ADAMS STREET - 11TH STREET TO DELAWARE AVE
STATION 10+19 TO STATION 13+84



NORTH ADAMS STREET - 11TH STREET TO DELAWARE AVE - SIDEWALK & DRIVEWAY
STATION 10+19 RT. TO STATION 10+86 RT.
STATION 12+64 RT. TO STATION 13+12 RT.
STATION 13+44 RT. TO STATION 13+84 RT.

+ FROM STA. 10+19 RT. TO STA. 10+86 RT. AND STA. 12+64 RT. TO STA. 13+12 RT. THE SIDEWALK AND BUFFER WILL CONSIST OF 6\"/>

LEGEND

(A) ITEM 209006 - BORROW, TYPE F	(G) ITEM 701012 - PCC CURB, TYPE 1-6	(M) ITEM 908004 - TOPSOIL, 6\"/>
(B) ITEM 301001 - GABC	(I) ITEM 705001 - PCC SIDEWALK, 4\"/>	
(C) ITEM 301002 - GABC, PATCHING	(J) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	(N) ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK
(D) ITEM 401005 - SUPERPAVE TYPE C, 9.5 mm, PG 64-22 (CARBONATE STONE)	(K) ITEM 762000 - SAW CUTTING, BITUMINOUS CONCRETE	(O) ITEM 701011 - PCC CURB, TYPE 1-4
(E) ITEM 401046 - SUPERPAVE TYPE C, 9.5 mm, PG 76-22 (NON-CARBONATE STONE)	(L) ITEM 762001 - SAW CUTTING, CONCRETE, FULL DEPTH	(P) ITEM 705002 - PCC SIDEWALK, 6\"/>
(F) ITEM 401030 - SUPERPAVE TYPE B, PG 64-22, PATCHING		

MATERIAL TYPE	BINDER GRADE	LIFT THICKNESS (IN)	
		MINIMUM	MAXIMUM
TYPE C (4.75 MM MIX)	ALL	0.5	1.0
TYPE C (9.5 MM MIX)	ALL	1.25	2.0
TYPE C (12.5 MM MIX)	ALL	1.5	2.0
TYPE B (19 MM MIX)	76-22, 70-22	2.25	4.0
TYPE B (19 MM MIX)	64-22	2.25	6.0
TYPE BCBC (25 MM MIX)	64-22	3.0	6.0
GABC	-	4.0	8.0

ADDENDA / REVISIONS

NOT TO SCALE

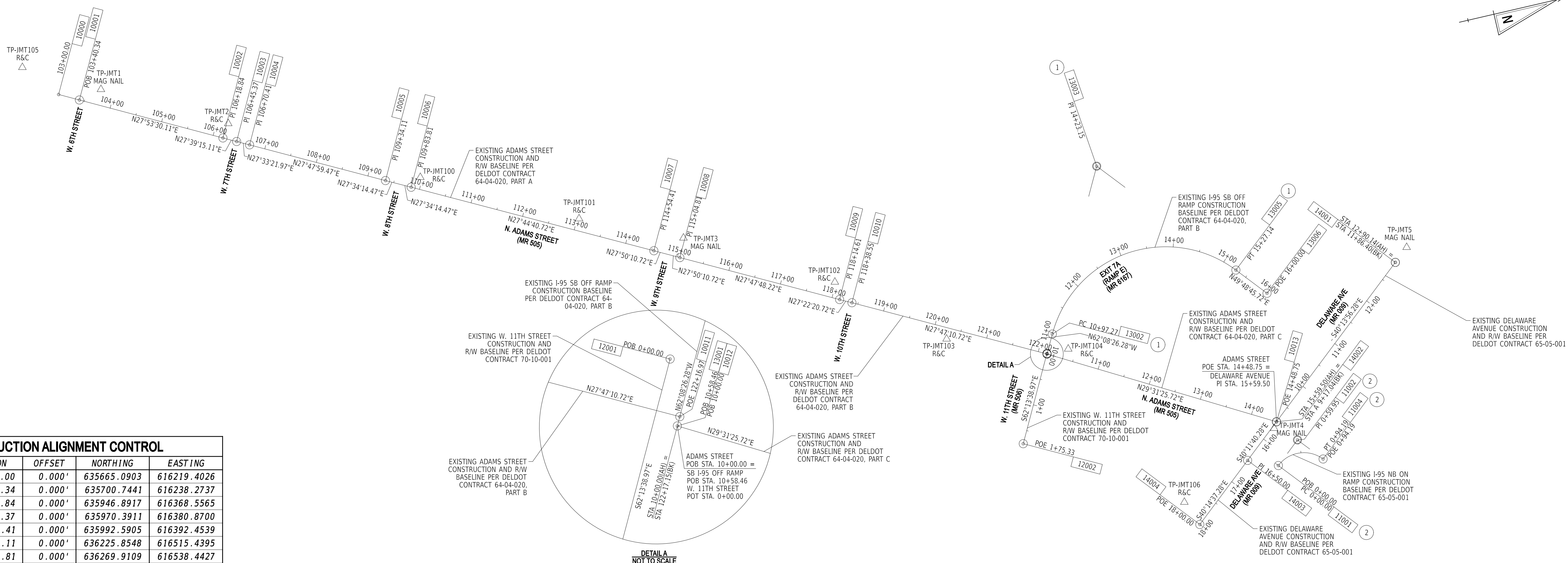
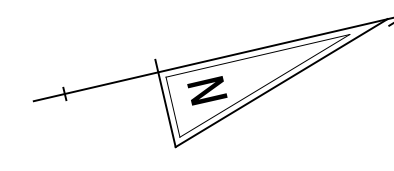
ADAMS STREET SIDEWALK IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

TYPICAL SECTIONS

SECTION	JMT
SHEET NO.	8

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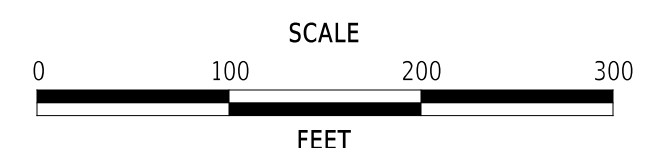


CONSTRUCTION ALIGNMENT CONTROL				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
10000	103+00.00	0.000'	635665.0903	616219.4026
10001	103+40.34	0.000'	635700.7441	616238.2737
10002	106+18.84	0.000'	635946.8917	616368.5565
10003	106+45.37	0.000'	635970.3911	616380.8700
10004	106+70.41	0.000'	635992.5905	616392.4539
10005	109+34.11	0.000'	636225.8548	616515.4395
10006	109+83.81	0.000'	636269.9109	616538.4427
10007	114+54.41	0.000'	636686.4066	616757.5220
10008	115+04.81	0.000'	636730.9745	616781.0561
10009	118+14.61	0.000'	637005.0260	616295.5271
10010	118+38.55	0.000'	637026.2856	616936.5340
10011	122+16.97	0.000'	637361.0709	617112.9441
10012	10+00.00	0.000'	637360.9867	617113.1032
10013	14+48.75	0.000'	637751.4670	617334.2406
12001	0+00.00	0.000'	637361.1443	617111.8468
12002	1+75.33	0.000'	637279.4471	617266.9796
13001	10+58.46	0.000'	637360.9867	617113.1032
13006	16+00.00	0.000'	637788.7065	617095.2953
14001	A 12+90.14	0.000'	638036.3035	617093.2597
14002	B 15+59.50	0.000'	637751.4670	617334.2406
14003	B 16+50.00	0.000'	637682.3379	617392.6479
14004	18+00.00	0.000'	637567.8423	617489.5539

HORIZONTAL / VERTICAL CONTROL DATA					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEV.
JMT1	103+74.33	-29.442	635744.5571	616228.1514	80.50
JMT100	109+95.67	-22.286	636290.7854	616524.2413	92.23
JMT101	113+03.41	-22.632	636563.3034	616667.1974	95.22
JMT102	117+97.68	-29.558	637003.8321	616891.4841	93.36
JMT103	120+27.65	20.642	637183.9572	617042.9495	97.65
JMT104	10+35.36	-20.324	637401.7680	617112.8421	103.88
JMT2	106+21.62	-28.601	635962.6250	616344.5109	87.38
JMT3	115+01.96	-37.433	636745.9317	616746.6230	94.88
JMT4	14+47.95	13.112	637744.3132	617345.2576	110.36
JMT105	N/A	N/A	635610.4399	616154.5470	69.41
JMT5	N/A	N/A	638063.2895	617070.5526	115.19
JMT106	17+83.75	48.340	637549.0136	617442.1602	109.40

DATUM REFERENCE:
 HORIZONTAL - THIS PROJECT IS REFERENCED TO THE DELAWARE STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (NAD 83 / 2011 / EPOCH 2010.00).
 VERTICAL - THIS PROJECT IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88 BASED ON MODELED GEOID 12A).

ADDENDA / REVISIONS



ADAMS STREET SIDEWALK IMPROVEMENTS

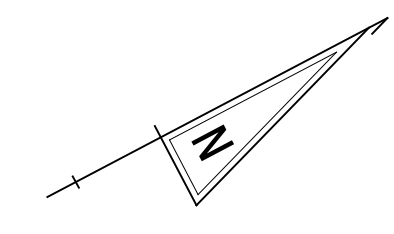
CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

HORIZONTAL AND VERTICAL CONTROL

SECTION	JMT
SHEET NO.	9

CIRCULAR CURVE NO. 1			
ELEMENT: CIRCULAR		NORTHING	EASTING
PC (13002)	10+97.27	637379.1228	617078.7914
PI (13003)	14+23.15	637531.4061	616790.6844
CC (13004)		637573.6242	617181.5981
PT (13005)	15+27.14	637741.6908	617039.6346
Radius:	220.00		
Delta:	111°57'12.00" RIGHT		
Degree of Curvature(Arc):	26°02'36.73"		
Length:	429.870		
Tangent:	325.877		
Chord:	364.676		
Middle Ordinate:	96.903		
External:	173.187		
Tangent Direction:	N62°08'26.28"W		
Radial Direction:	N27°51'33.72"E		
Chord Direction:	N06°09'50.28"W		
Radial Direction:	S40°11'14.28"E		
Tangent Direction:	N49°48'45.72"E		

CIRCULAR CURVE NO. 2			
ELEMENT: CIRCULAR		NORTHING	EASTING
PC (11001)	0+00.00	637736.3463	617415.0916
PI (11002)	0+59.95	637782.1033	617376.3641
CC (11003)		637775.1087	617460.8898
PT (11004)	0+94.19	637820.8720	617422.0861
Radius:	60.00		
Delta:	89°56'54.00" RIGHT		
Degree of Curvature(Arc):	95°29'34.68"		
Length:	94.194		
Tangent:	59.946		
Chord:	84.815		
Middle Ordinate:	17.554		
External:	24.815		
Tangent Direction:	N40°14'37.28"W		
Radial Direction:	N49°45'22.72"E		
Chord Direction:	N04°43'49.72"E		
Radial Direction:	S40°17'43.28"E		
Tangent Direction:	N49°42'16.72"E		



CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
1	PCC CURB, TYPE 1-4	77'
1A	PCC CURB, TYPE 1-4	16'
2	PCC CURB, TYPE 1-8	71'
3	PCC CURB, TYPE 1-4	95'
3A	PCC CURB, TYPE 1-4	31'
4	PCC CURB, TYPE 1-6	107'
5	PCC CURB, TYPE 1-4	107'
6	PCC CURB, TYPE 1-4	150'
7	PCC CURB, TYPE 1-4	67'
8	PCC CURB, TYPE 1-4	107'
9	PCC CURB, TYPE 1-6	69'
10	PCC CURB, TYPE 1-4	66'
11	PCC CURB, TYPE 1-6	46'
12	PCC CURB, TYPE 1-4	97'

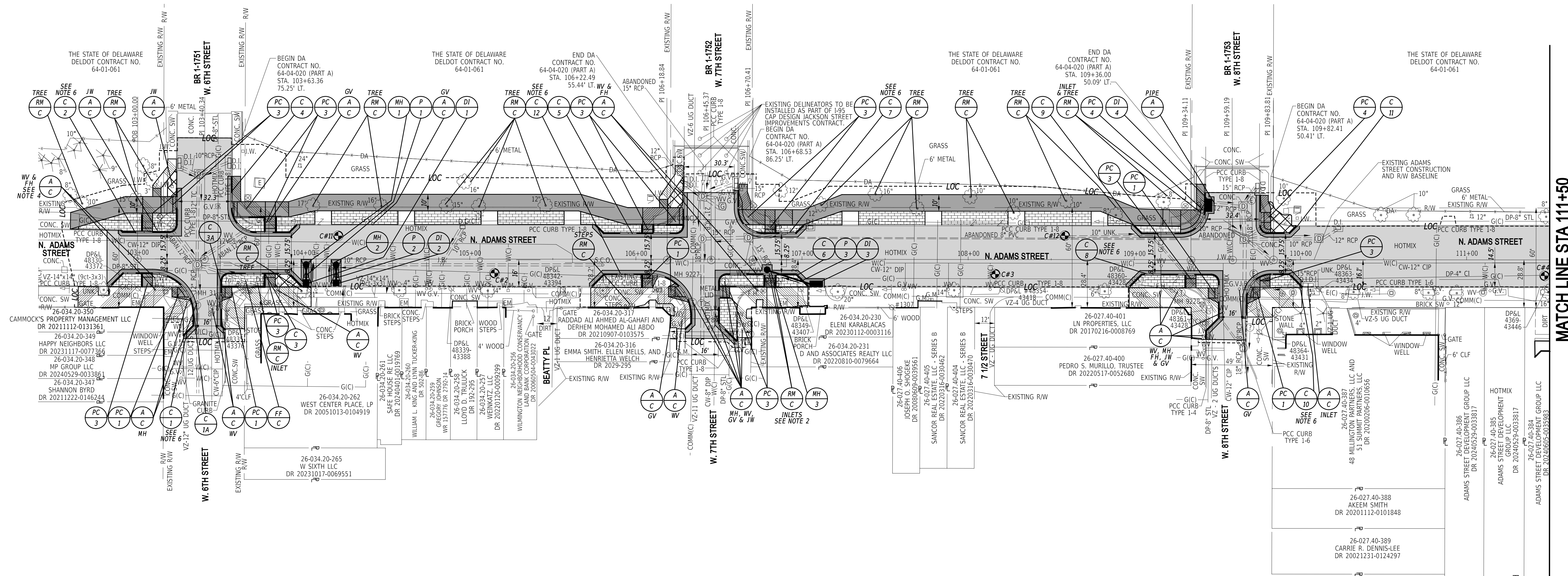
DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INVERT EL.	DIS. EL.
1	12" RCP	III	13	0.043	75.54	75.51
2	12" RCP	IV	13	0.020	76.00	75.54
3	15" RCP	III	31	0.027	81.00	80.18

MANHOLE SCHEDULE					
NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INVERT EL.
*1	104+01.53	3.18'	48" X 48"	79.18	74.95
*2	104+19.55	3.39'	48" X 48"	86.01	76.04
*3	106+78.97	5.93'	48" X 48"	86.01	80.18

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
1	104+02.11	14.24'	34" x 24"	1	79.21	75.54
2	104+19.59	14.22'	34" x 24"	4	79.22	76.00
3	107+06.49	14.42'	72" x 48"	1	86.48	81.00
*4	109+45.03	-34.11'	72" x 24"	4	93.33	89.67

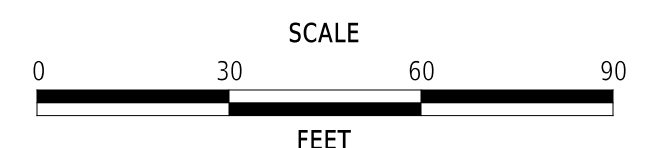
ROADWAY CORE SCHEDULE				
NO.	STATION	OFFSET	DESCRIPTION	
2	105+14.93	7.92'	3.5" OF HMA OVER 8" OF PCC	
3	108+16.33	8.46'	3.25" OF HMA OVER 8.25" OF PCC	
4	111+46.91	9.63'	2.5" OF HMA OVER 8" OF PCC	
11	104+20.84	-14.59'	3.75" OF HMA OVER 8.25" OF PCC	
12	108+58.21	-14.72'	2.25" OF HMA OVER 9.25" OF PCC	

* DOGHOUSE INLET BOX. SEE STANDARD DETAIL D-5 VERIFY AND MATCH EXISTING PIPE INVERT.



- NOTES:**
- LATERAL OFFSET IS NOT SHOWN FOR CLARITY. LATERAL OFFSET IS 1.5' FROM FACE OF CURB.
 - REMOVE EXISTING DRAINAGE INLET AND PIPE SEGMENTS UP TO MH-2.
 - SEE UTILITY RELOCATION PLANS FOR TEST HOLE LOCATIONS.
 - REMOVE CONCRETE COLLAR AS PART OF THE WATER VALVE ADJUSTMENT.
 - SEE UTILITY RELOCATION PLANS FOR UTILITY TEST HOLE SCHEDULE.
 - CONTINUE DEPRESSED CURB FOR THE AREA BETWEEN PEDESTRIAN CONNECTION RAMPS

ADDENDA / REVISIONS



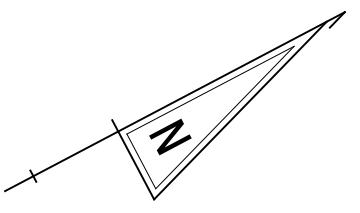
**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

CONSTRUCTION PLAN

CP-01
SECTION
JMT
SHEET NO.
10

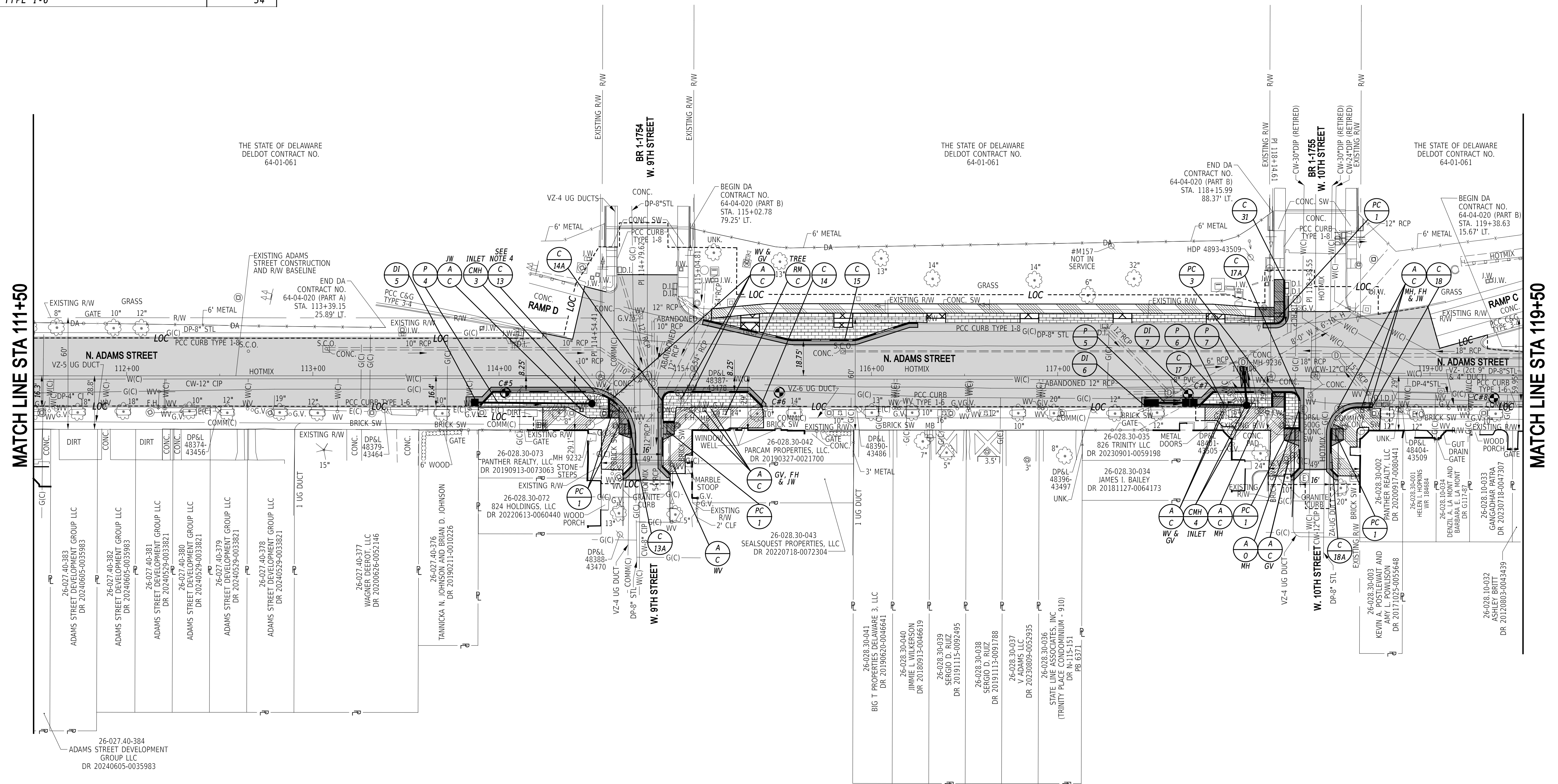
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CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
13	PCC CURB, TYPE 1-4	111'
13A	STONE CURB	23'
14	PCC CURB, TYPE 1-4	67'
14A	STONE CURB	42'
15	PCC CURB, TYPE 1-6	118'
17	PCC CURB, TYPE 1-4	97'
17A	STONE CURB	43'
18	PCC CURB, TYPE 1-4	32'
18A	STONE CURB	24'
31	PCC CURB, TYPE 1-6	34'

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INVERT EL.	DIS. EL.
*4	12" RCP	IV	63	0.004	89.48	89.25
5	12" RCP	IV	23	0.038	88.05	87.25
6	12" RCP	III	31	0.025	87.25	86.50
7	12" RCP	III	24	0.041	86.50	85.55

*12" RCP TO BE INSTALLED UNDER EXISTING SIGNAL CONDUIT. CONTRACTOR TO EXERCISE CAUTION AS TO NOT DISTURB EXISTING CONDUIT DURING INSTALLATION.



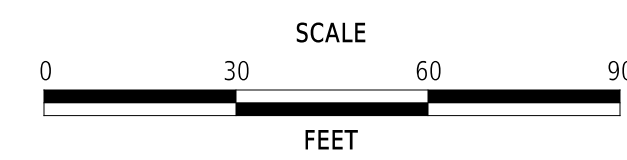
- NOTES:**
- LATERAL OFFSET IS NOT SHOWN FOR CLARITY. LATERAL OFFSET IS 1.5' FROM FACE OF CURB.
 - SEE UTILITY RELOCATION PLANS FOR TEST HOLE LOCATIONS.
 - SEE UTILITY RELOCATION PLANS FOR UTILITY TEST HOLE SCHEDULE.
 - CONTINUE DEPRESSED CURB FOR THE AREA BETWEEN PEDESTRIAN CONNECTION RAMPS

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
5	113+86.99	14.45'	34" x 24"	4	93.64	89.70
6	117+48.19	14.48'	72" x 48"	4	91.59	88.05
7	117+70.90	14.38'	72" x 48"	1	91.44	87.25

MANHOLE SCHEDULE					
NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INVERT EL.
4	114+49.88	15.06'	48" X 48"	92.72	88.78
5	118+01.57	15.75'	48" X 48"	91.41	86.50

ROADWAY CORE SCHEDULE			
NO.	STATION	OFFSET	DESCRIPTION
5	114+03.40	9.14'	2" OF HMA OVER 8.25" OF PCC
6	115+50.56	8.93'	4" OF HMA OVER 9.25" OF PCC
7	117+70.11	9.68'	2.5" OF HMA OVER 8.25" OF PCC
8	119+34.31	11.97'	4.25" OF HMA OVER 8.25" OF PCC

ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT T202301103	BRIDGE NO. N/A
COUNTY NEW CASTLE	DESIGNED BY: J.IORIO
	CHECKED BY: B.DOUGHERTY

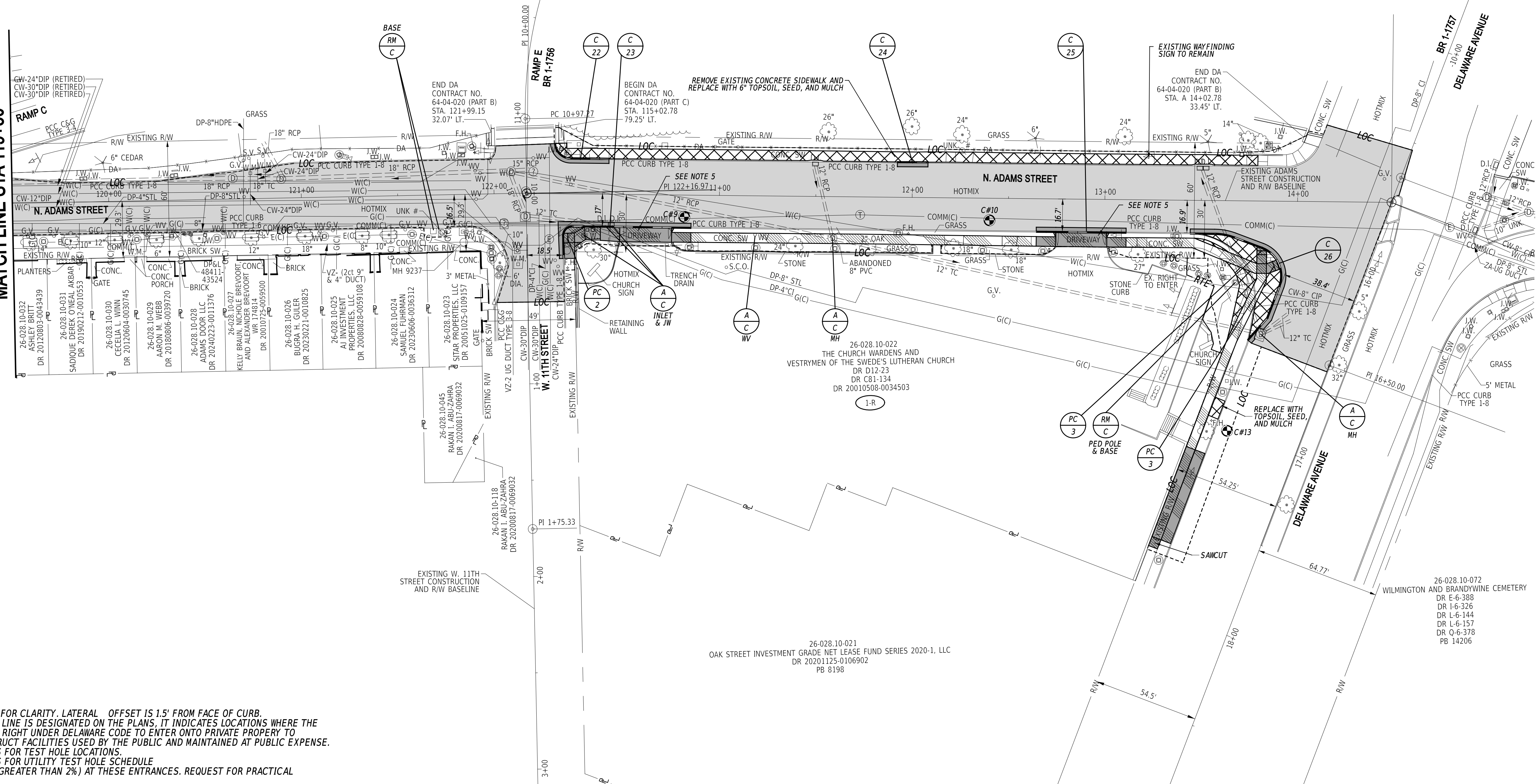
CONSTRUCTION PLAN

SECTION JMT
SHEET NO. 11

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
22	PCC CURB, TYPE 1-8	33'
23	PCC CURB, TYPE 1-6	80'
24	PCC CURB, TYPE 1-8	16'
25	PCC CURB, TYPE 1-8	33'
26	PCC CURB, TYPE 1-6	97'

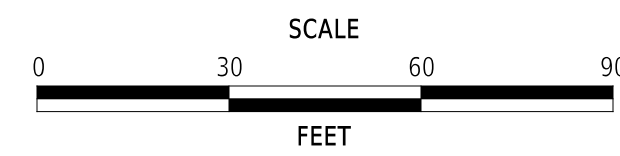
ROADWAY CORE SCHEDULE			
NO.	STATION	OFFSET	DESCRIPTION
9	10+81.84	11.32'	3.75" OF HMA OVER 8.25" OF PCC
10	12+40.22	11.46'	3.75" OF HMA OVER 8.5" OF PCC
13	13+64.61	119.44'	4" OF HMA OVER 8.25" OF PCC

MATCH LINE STA 119+50



- NOTES:
- LATERAL OFFSET IS NOT SHOWN FOR CLARITY. LATERAL OFFSET IS 15' FROM FACE OF CURB.
 - WHERE A RIGHT TO ENTER (RTE) LINE IS DESIGNATED ON THE PLANS, IT INDICATES LOCATIONS WHERE THE DEPARTMENT ALREADY HAS THE RIGHT UNDER DELAWARE CODE TO ENTER ONTO PRIVATE PROPERTY TO MAINTAIN, REPAIR OR RECONSTRUCT FACILITIES USED BY THE PUBLIC AND MAINTAINED AT PUBLIC EXPENSE.
 - SEE UTILITY RELOCATION PLANS FOR TEST HOLE LOCATIONS.
 - SEE UTILITY RELOCATION PLANS FOR UTILITY TEST HOLE SCHEDULE
 - NON-COMPLIANT CROSS SLOPE (GREATER THAN 2%) AT THESE ENTRANCES. REQUEST FOR PRACTICAL EXCEPTIONS ARE IN PROCESS.

ADDENDA / REVISIONS



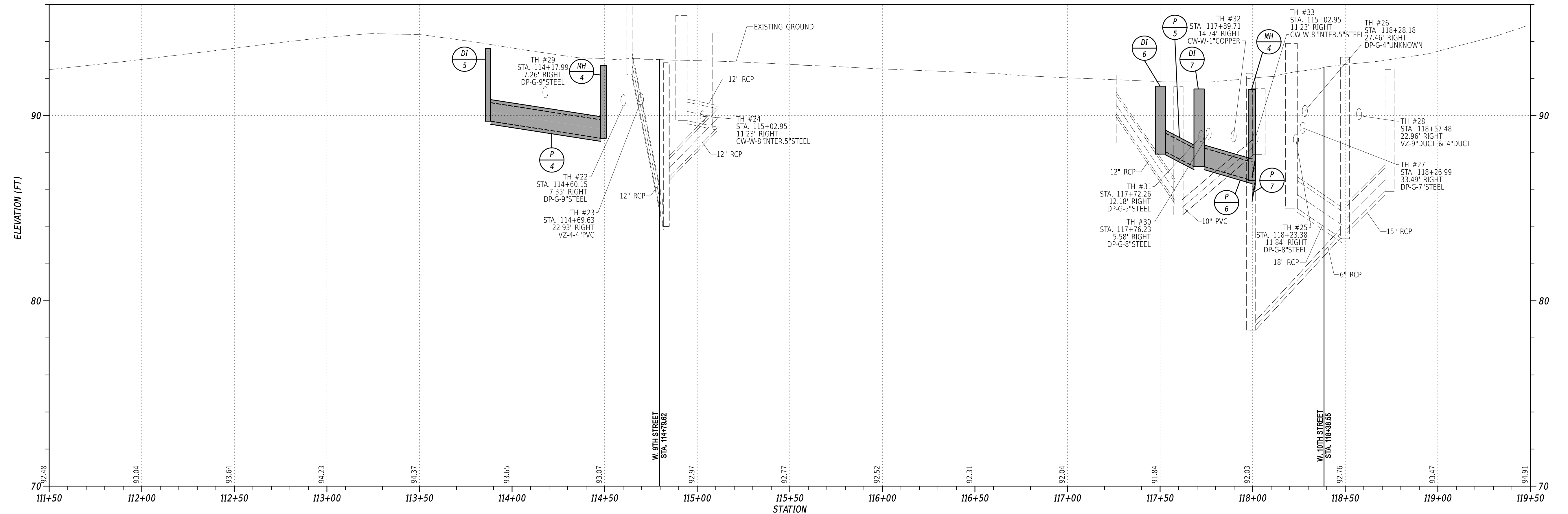
**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	T202301103	BRIDGE NO.	N/A
COUNTY	NEW CASTLE	DESIGNED BY:	J.IORIO
		CHECKED BY:	B.DOUGHERTY

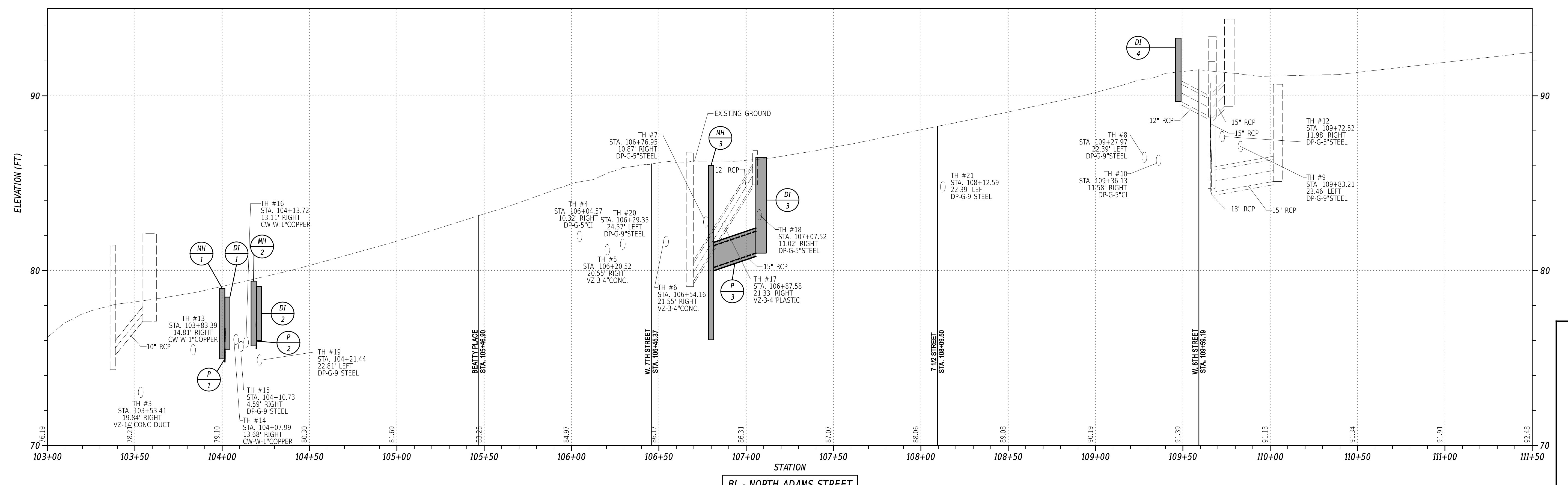
CONSTRUCTION PLAN

CP-03
SECTION
JMT
SHEET NO.
12

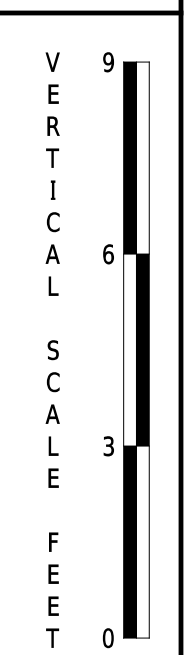
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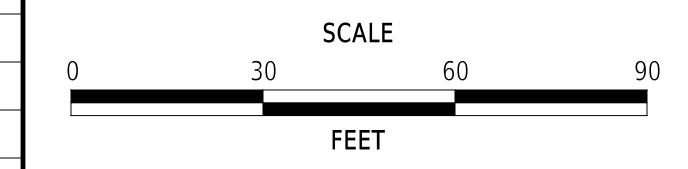
BL - NORTH ADAMS STREET



BL - NORTH ADAMS STREET



ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

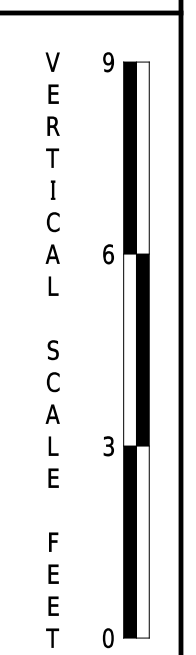
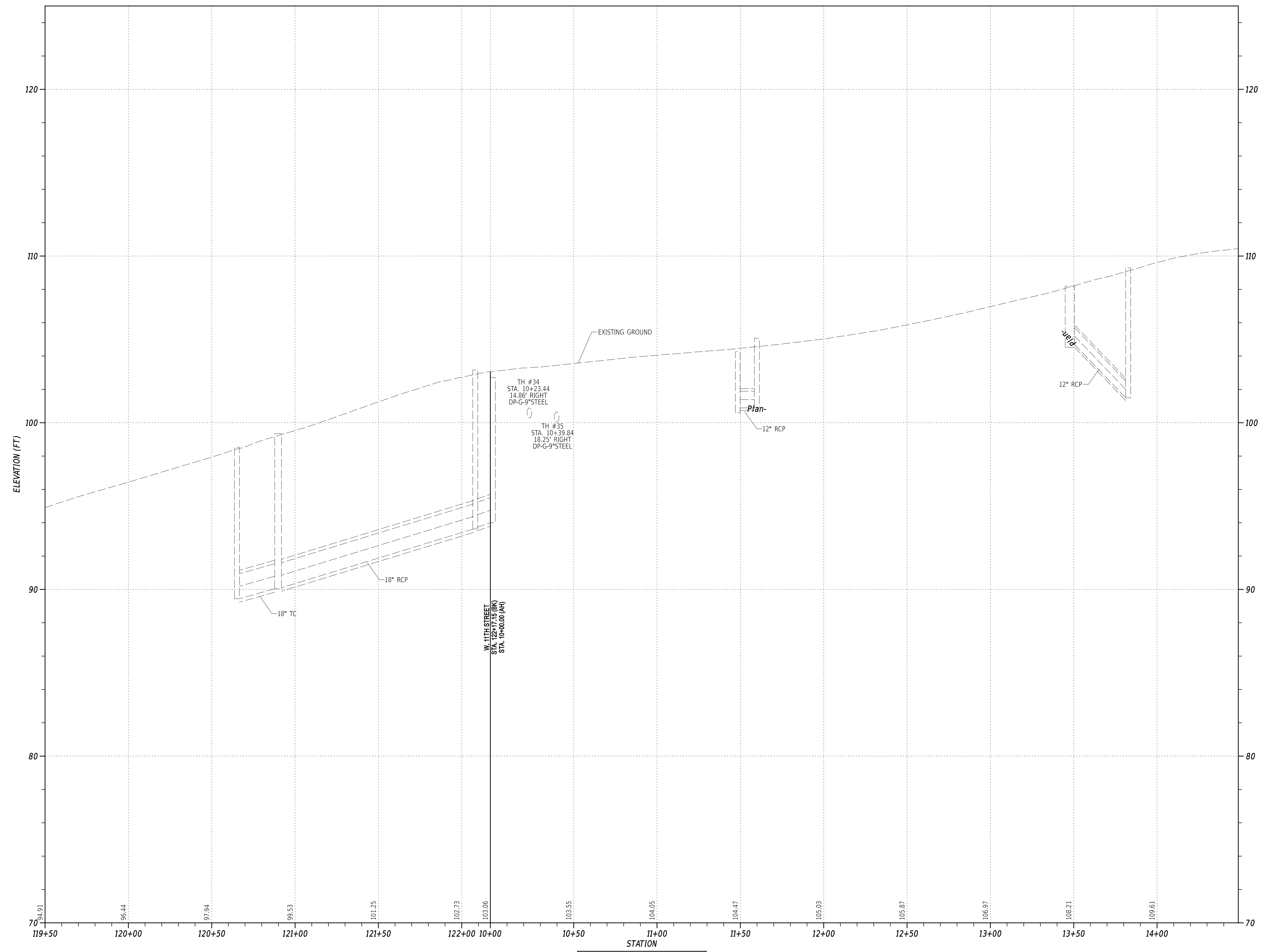
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T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

PROFILES

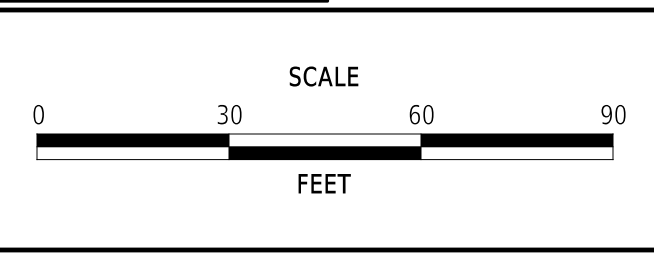
SECTION
JMT
SHEET NO.
13

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ADDENDA / REVISIONS	

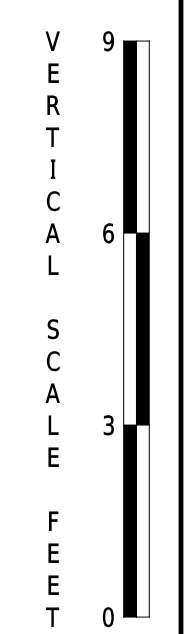
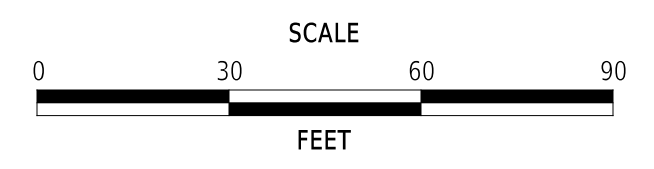
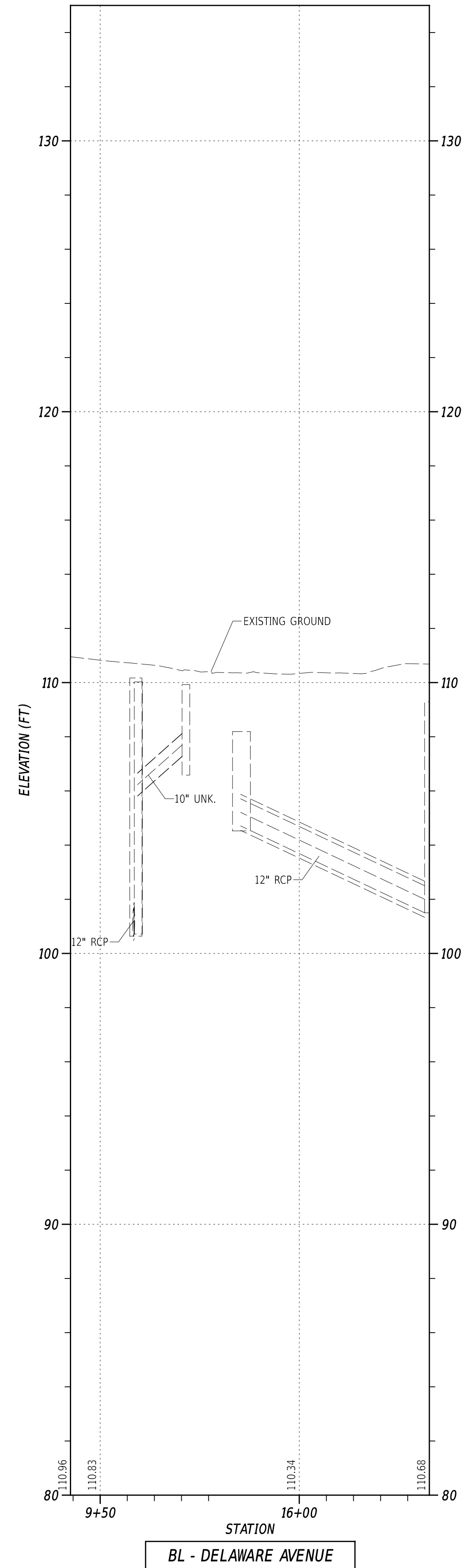


**ADAMS STREET
 SIDEWALK
 IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

PROFILES	SECTION
	JMT
	SHEET NO. 14

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ADDENDA / REVISIONS

**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

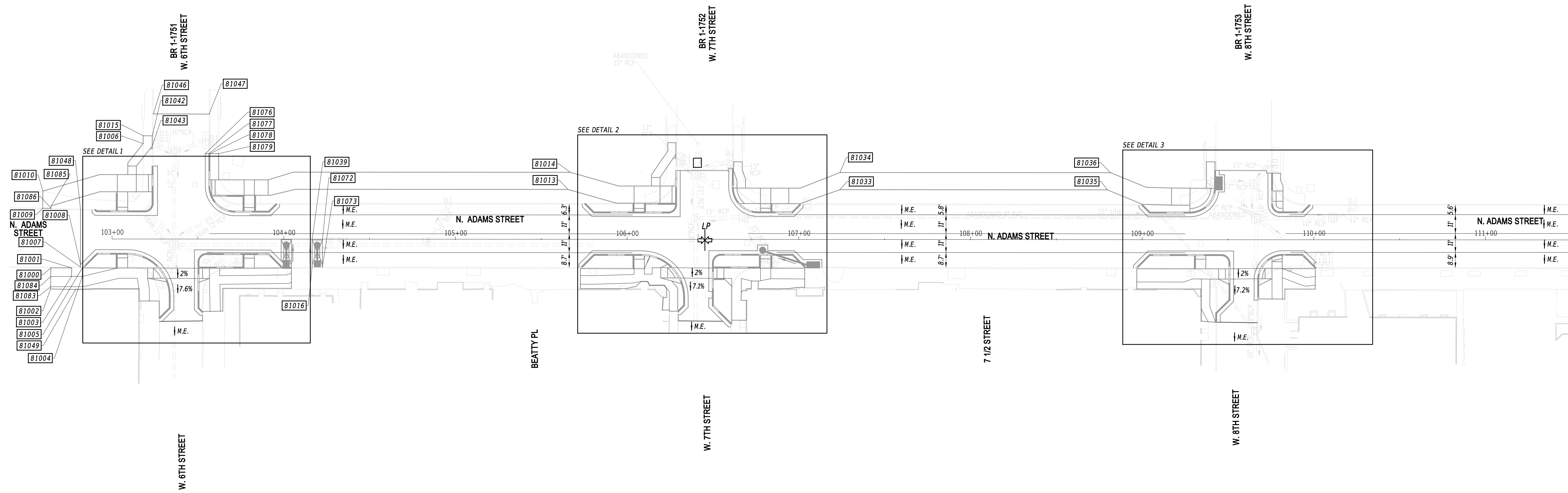
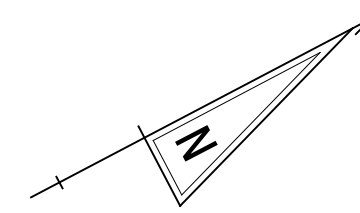
CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

PROFILES

SECTION
JMT
SHEET NO.
15

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
81000	102+64.44	39.371	635625.7566	616217.6980
81001	102+76.47	28.980	635636.3812	616223.3540
81002	102+64.28	46.129	635619.8663	616228.4950
81003	102+76.49	32.119	635634.0732	616227.7418
81005	102+82.74	24.123	635641.9536	616226.2301
81006	103+18.03	-55.617	635707.0429	616178.6800
81007	102+81.69	24.561	635641.2502	616225.3084
81008	102+81.70	23.642	635641.9148	616224.0756
81009	102+59.57	-44.188	635637.6949	616184.7317
81010	102+59.70	-48.988	635642.4957	616175.9367
81013	105+65.47	-29.456	635913.5036	616317.5566
81014	105+66.84	-39.459	635919.3898	616309.3550
81015	103+18.05	-60.206	635709.2104	616174.6358
81016	104+16.59	16.225	635760.5465	616288.2843
81033	107+24.00	-29.375	636053.6987	616391.4649
81034	107+24.00	-39.375	636058.3626	616382.6191
81035	108+79.60	-29.375	636191.3380	616464.0334

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
81036	108+81.57	-39.375	636197.7462	616456.1073
81039	104+16.56	0.321	635767.9617	616274.2144
81042	103+23.31	-60.156	635713.8377	616177.1409
81043	103+23.29	-54.216	635711.0375	616182.3795
81046	103+23.93	-72.970	635720.3744	616166.1031
81047	103+56.39	-72.891	635749.0301	616181.3597
81048	102+81.65	-24.981	635656.7987	616195.8381
81049	102+78.84	36.280	635632.6008	616235.5474
81072	104+22.56	0.310	635773.2696	616277.0118
81073	104+22.59	16.212	635765.8559	616291.0790
81076	103+54.23	-49.832	635736.3283	616200.7264
81077	103+56.23	-49.841	635738.1002	616201.6539
81078	103+56.98	-49.844	635738.7647	616202.0017
81079	103+61.98	-49.872	635743.1966	616204.3165
81083	102+64.30	45.317	635620.4796	616227.3709
81084	102+64.37	41.824	635623.3534	616222.1031
81085	102+64.50	-40.390	635642.7264	616185.7693
81086	102+64.48	-39.714	635642.0077	616187.0859



MATCH LINE STA 111+50

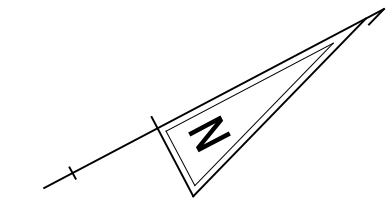
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">ADDENDA / REVISIONS</th> </tr> </thead> <tbody> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> <tr><td> </td></tr> </tbody> </table>	ADDENDA / REVISIONS					<p>SCALE</p> <p>FEET</p>	<h3>ADAMS STREET SIDEWALK IMPROVEMENTS</h3>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>CONTRACT</td> <td>BRIDGE NO.</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td>T202301103</td> <td>DESIGNED BY:</td> <td>J.IORIO</td> </tr> <tr> <td>COUNTY</td> <td>CHECKED BY:</td> <td>B.DOUGHERTY</td> </tr> <tr> <td>NEW CASTLE</td> <td></td> <td></td> </tr> </table>	CONTRACT	BRIDGE NO.	N/A	T202301103	DESIGNED BY:	J.IORIO	COUNTY	CHECKED BY:	B.DOUGHERTY	NEW CASTLE			<h3>GRADES AND GEOMETRICS</h3>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">GG-01</td> </tr> <tr> <td>SECTION</td> </tr> <tr> <td>JMT</td> </tr> <tr> <td>SHEET NO.</td> </tr> <tr> <td style="text-align: center;">16</td> </tr> </table>	GG-01	SECTION	JMT	SHEET NO.	16
ADDENDA / REVISIONS																											
CONTRACT	BRIDGE NO.	N/A																									
T202301103	DESIGNED BY:	J.IORIO																									
COUNTY	CHECKED BY:	B.DOUGHERTY																									
NEW CASTLE																											
GG-01																											
SECTION																											
JMT																											
SHEET NO.																											
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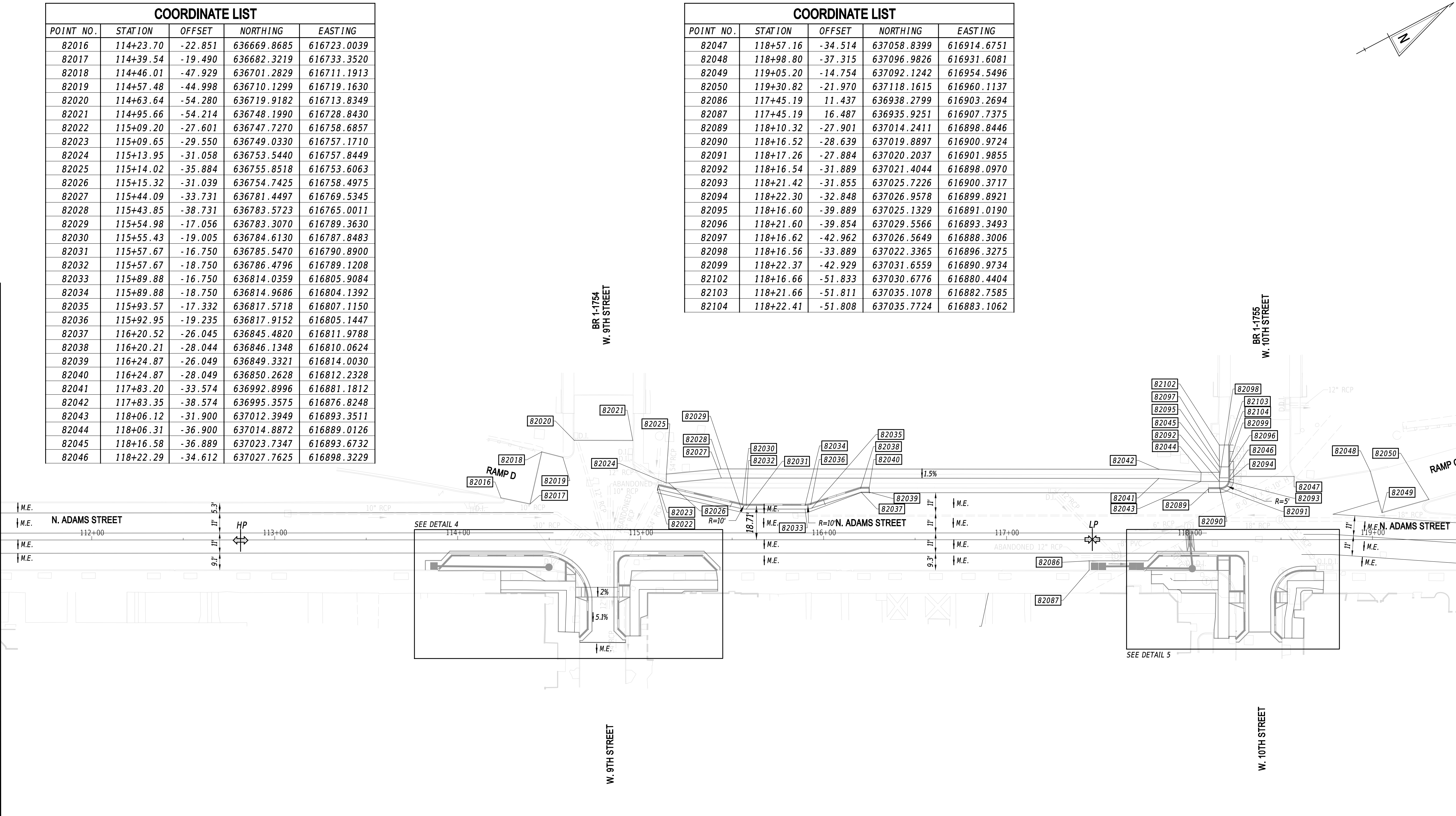
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
82016	114+23.70	-22.851	636669.8685	616723.0039
82017	114+39.54	-19.490	636682.3219	616733.3520
82018	114+46.01	-47.929	636701.2829	616711.1913
82019	114+57.48	-44.998	636710.1299	616719.1630
82020	114+63.64	-54.280	636719.9182	616713.8349
82021	114+95.66	-54.214	636748.1990	616728.8430
82022	115+09.20	-27.601	636747.7270	616758.6857
82023	115+09.65	-29.550	636749.0330	616757.1710
82024	115+13.95	-31.058	636753.5440	616757.8449
82025	115+14.02	-35.884	636755.8518	616753.6063
82026	115+15.32	-31.039	636754.7425	616758.4975
82027	115+44.09	-33.731	636781.4497	616769.5345
82028	115+43.85	-38.731	636783.5723	616765.0011
82029	115+54.98	-17.056	636783.3070	616789.3630
82030	115+55.43	-19.005	636784.6130	616787.8483
82031	115+57.67	-16.750	636785.5470	616790.8900
82032	115+57.67	-18.750	636786.4796	616789.1208
82033	115+89.88	-16.750	636814.0359	616805.9084
82034	115+89.88	-18.750	636814.9686	616804.1392
82035	115+93.57	-17.332	636817.5718	616807.1150
82036	115+92.95	-19.235	636817.9152	616805.1447
82037	116+20.52	-26.045	636845.4820	616811.9788
82038	116+20.21	-28.044	636846.1348	616810.0624
82039	116+24.87	-26.049	636849.3321	616814.0030
82040	116+24.87	-28.049	636850.2628	616812.2328
82041	117+83.20	-33.574	636992.8996	616881.1812
82042	117+83.35	-38.574	636995.3575	616876.8248
82043	118+06.12	-31.900	637012.3949	616893.3511
82044	118+06.31	-36.900	637014.8872	616889.0126
82045	118+16.58	-36.889	637023.7347	616893.6732
82046	118+22.29	-34.612	637027.7625	616898.3229

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
82047	118+57.16	-34.514	637058.8399	616914.6751
82048	118+98.80	-37.315	637096.9826	616931.6081
82049	119+05.20	-14.754	637092.1242	616954.5496
82050	119+30.82	-21.970	637118.1615	616960.1137
82086	117+45.19	11.437	636938.2799	616903.2694
82087	117+45.19	16.487	636935.9251	616907.7375
82089	118+10.32	-27.901	637014.2411	616898.8446
82090	118+16.52	-28.639	637019.8897	616900.9724
82091	118+17.26	-27.884	637020.2037	616901.9855
82092	118+16.54	-31.889	637021.4044	616898.0970
82093	118+21.42	-31.855	637025.7226	616900.3717
82094	118+22.30	-32.848	637026.9578	616899.8921
82095	118+16.60	-39.889	637025.1329	616891.0190
82096	118+21.60	-39.854	637029.5566	616893.3493
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82099	118+22.37	-42.929	637031.6559	616890.9734
82102	118+16.66	-51.833	637030.6776	616880.4404
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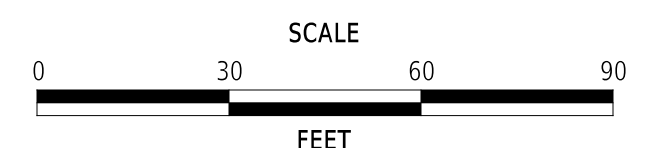


MATCH LINE STA 111+50

MATCH LINE STA 119+50



ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

**GRADES AND
GEOMETRICS**

GG-02
SECTION
JMT
SHEET NO.
17

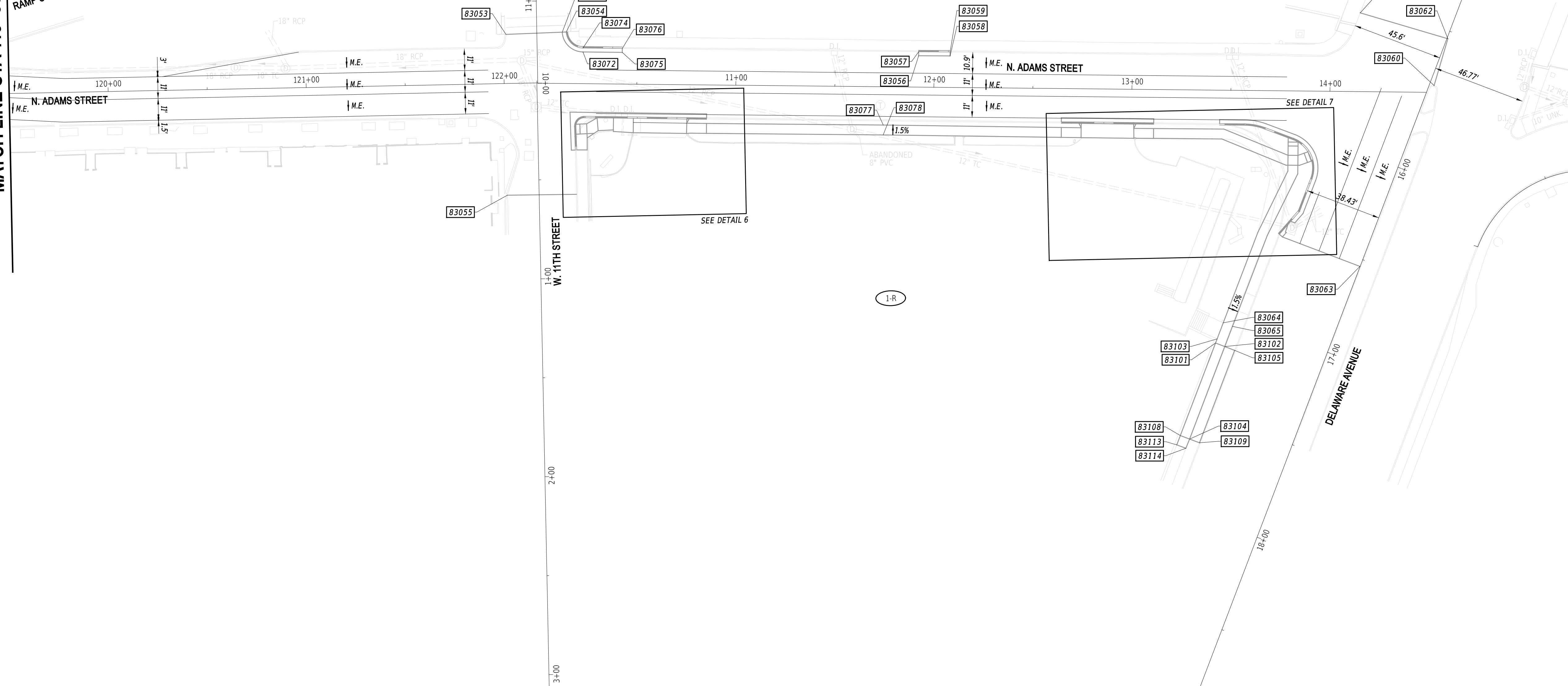
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83029	10+12.07	-25.928	637384.2697	617096.4920
83053	122+01.43	-24.820	637358.8898	617083.7397
83054	10+14.07	-26.027	637386.0571	617097.3901
83055	122+00.47	56.449	637320.1553	617155.1907
83056	11+92.16	-15.850	637536.0025	617194.0030
83057	11+92.15	-17.850	637536.9795	617192.2579
83058	12+08.03	-15.928	637549.8504	617201.7557
83059	12+08.02	-17.928	637550.8274	617200.0106
83060	-9+21.60	-2.345	637756.4667	617333.0828
83061	14+14.90	-39.803	637741.6301	617282.9276
83062	-9+46.16	-0.480	637774.0095	617315.7982
83063	16+53.65	0.077	637679.4997	617394.9485
83064	17+04.84	54.468	637605.2887	617386.5022
83065	17+04.85	49.468	637608.5153	617390.3219
83072	10+22.65	-16.031	637388.5941	617110.3148
83074	10+22.65	-18.031	637389.5797	617108.5745
83075	10+42.50	-16.031	637405.8701	617120.0986
83076	10+42.50	-18.031	637406.8556	617118.3583
83077	11+74.64	19.345	637503.4209	617215.9984
83078	11+74.64	24.345	637500.9522	617220.3465
83101	17+15.76	54.468	637596.9547	617393.5559
83102	17+15.76	49.468	637600.1849	617397.3725
83103	17+13.53	54.468	637598.6595	617392.1130
83104	17+65.76	49.468	637562.0197	617429.6745
83105	17+15.76	44.138	637603.6283	617401.4409
83108	17+65.76	54.468	637558.7895	617425.8579
83109	17+65.76	44.138	637565.4631	617433.7429
83113	17+70.78	54.468	637554.9577	617429.1011
83114	17+70.78	49.572	637558.1205	617432.8380

MATCH LINE STA 119+50

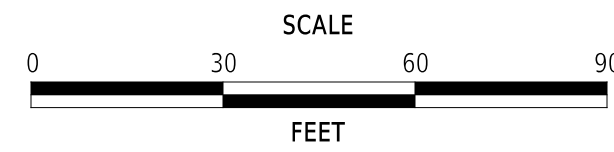
RAMP C
N. ADAMS STREET

RAMP E
BR 1-1756
W. 11TH STREET

BR 1-1757
DELAWARE AVENUE



ADDENDA / REVISIONS



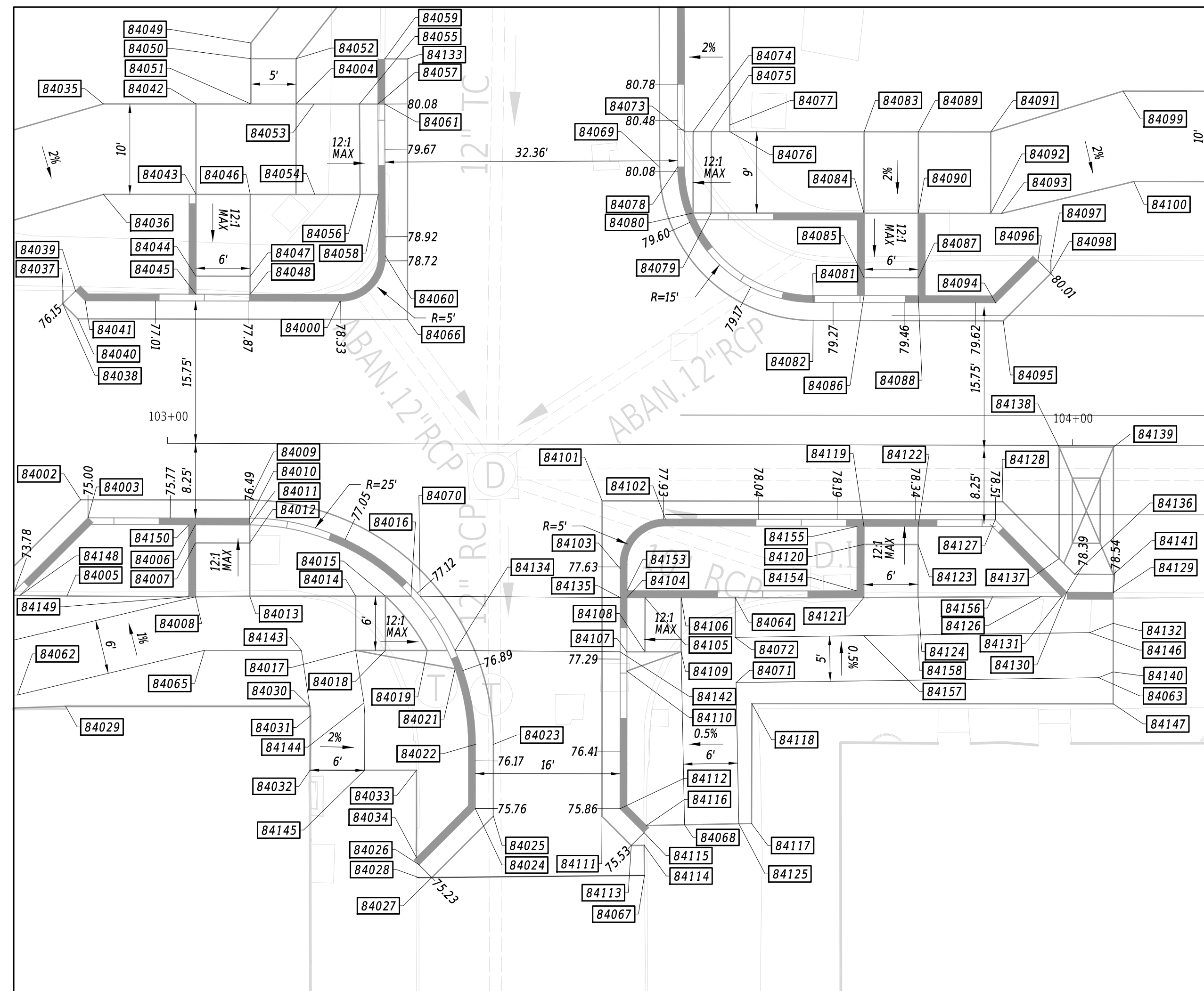
**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

**GRADES AND
GEOMETRICS**

GG-03
SECTION
JMT
SHEET NO.
18

DETAIL 1



ADAMS STREET AND W. 6TH STREET

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
84000	103+19.02	-15.750	635689.2718	616214.3815
84002	102+90.39	11.460	635653.6770	616220.4332
84003	102+91.23	12.044	635653.4754	616222.5893
84004	103+14.11	-37.556	635695.1337	616192.8118
84005	102+88.91	20.226	635647.3764	616229.1652
84006	103+03.11	9.000	635663.6275	616228.8113
84007	103+03.11	11.000	635662.6950	616230.5806
84008	103+03.12	16.957	635659.9175	616235.8499
84009	103+09.09	6.250	635670.1971	616229.1770
84010	103+09.09	8.250	635669.2615	616230.9447
84011	103+09.11	9.000	635668.9305	616231.6182
84012	103+09.09	11.000	635667.9750	616233.3752
84013	103+09.12	16.874	635665.2592	616238.5834
84014	103+20.83	16.854	635675.6142	616244.0415
84015	103+24.12	16.848	635678.5273	616245.5770
84016	103+26.94	16.843	635681.0244	616246.8932
84017	103+20.84	22.854	635672.8164	616249.3493
84018	103+24.13	22.848	635675.7296	616250.8848
84019	103+28.75	22.839	635679.8127	616253.0355
84020	103+30.99	22.836	635681.7942	616254.0814
84021	103+31.84	24.861	635681.6005	616256.2696
84022	103+34.09	33.207	635679.6823	616264.6977
84023	103+36.09	33.204	635681.4515	616265.6303
84024	103+34.10	40.312	635676.3693	616270.9831
84025	103+36.10	41.137	635677.7523	616272.6485
84026	103+27.90	46.534	635667.9786	616273.5814

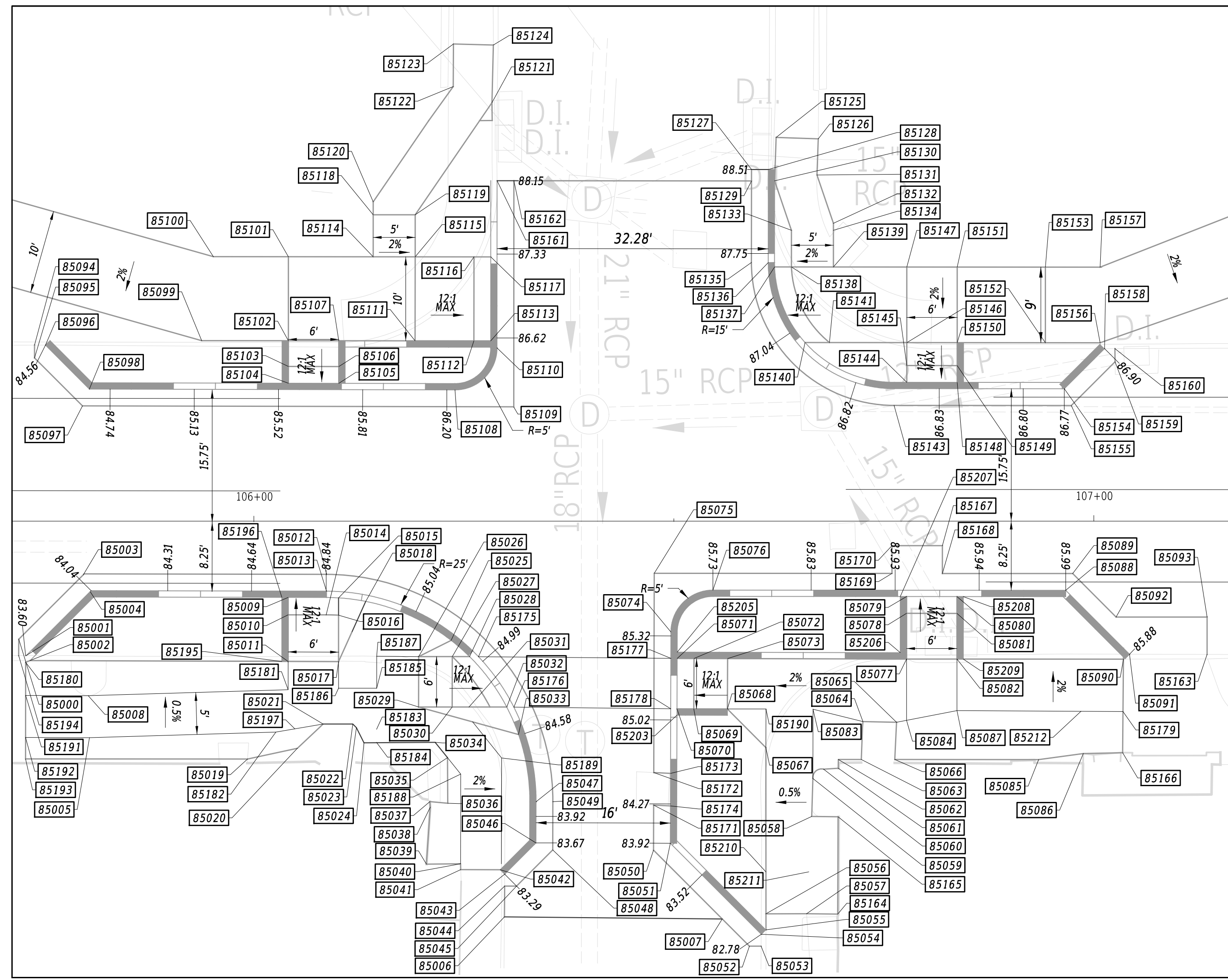
COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
84027	103+29.31	47.946	635668.5703	616275.4919
84028	103+27.91	47.954	635667.3217	616274.8405
84029	103+28.80	31.179	635641.5778	616239.8789
84030	103+15.78	29.049	635665.4495	616252.4603
84031	103+15.85	30.098	635665.0211	616253.4199
84032	103+15.83	36.110	635662.1910	616258.7236
84033	103+27.60	36.089	635672.5998	616264.2100
84034	103+27.62	45.747	635668.1036	616272.7576
84035	102+92.83	-38.198	635676.3078	616182.8887
84036	102+92.84	-28.435	635671.6381	616191.7315
84037	102+88.39	-20.458	635662.7138	616199.0832
84038	102+88.38	-19.305	635662.0272	616200.3423
84039	102+89.79	-19.686	635663.9377	616199.7506
84040	102+90.05	-16.975	635662.7242	616202.5931
84041	102+90.87	-18.204	635664.3903	616201.2120
84042	103+03.06	-37.537	635685.3527	616187.6563
84043	103+03.07	-27.551	635680.6962	616196.4907
84044	103+03.08	-18.500	635676.4699	616204.4942
84045	103+03.09	-16.500	635675.5361	616206.2627
84046	103+09.07	-27.557	635686.0019	616199.2924
84047	103+09.08	-18.500	635681.7729	616207.3010
84048	103+09.09	-16.500	635680.8391	616209.0695
84049	103+09.11	-44.290	635693.8591	616184.5178
84050	103+09.11	-42.555	635693.0488	616186.0523
84051	103+09.11	-37.548	635690.7106	616190.4804
84052	103+14.11	-42.560	635697.4702	616188.3870
84053	103+16.11	-37.563	635696.9047	616193.7410
84054	103+16.21	-27.555	635692.3080	616202.6321
84055	103+21.11	-37.568	635701.3263	616196.0759
84056	103+21.21	-27.568	635696.7335	616204.9592
84057	103+23.16	-37.568	635703.1304	616197.0313
84058	103+23.23	-27.572	635698.5162	616205.8988
84059	103+23.92	-42.573	635706.1477	616192.9653
84060	103+24.02	-20.785	635696.0462	616212.2703
84061	103+23.91	-37.573	635703.7957	616197.3775
84062	102+83.48	32.392	635637.4539	616236.2995
84063	104+02.96	25.676	635744.0796	616290.2609
84064	103+62.78	16.919	635712.6601	616263.7233
84065	103+04.14	22.882	635658.0411	616241.5613
84066	103+26.48	-13.750	635694.9278	616219.6380
84067	103+52.82	47.651	635689.4809	616286.2257
84068	103+57.24	42.054	635696.0038	616283.3460
84069	103+54.31	-30.672	635727.4427	616217.7011
84070	103+27.96	16.850	635681.9155	616247.3728
84071	103+62.89	26.309	635708.3703	616272.0771
84072	103+62.78	21.310	635710.6125	616267.6079
84073	103+57.04	-34.603	635731.6955	616215.5048
84074	103+58.02	-34.604	635732.5546	616215.9585
84075	103+60.02	-34.606	635734.3232	616216.8924
84076	103+62.05	-34.608	635736.1177	616217.8399
84077	103+62.04	-35.338	635736.4586	616217.1943
84078	103+56.31	-30.682	635729.2147	616218.6287
84079	103+60.02	-25.606	635730.1207	616224.8509
84080	103+58.02	-25.604	635728.3521	616223.9170
84081	103+71.31	-15.750	635735.4870	616238.8426
84082	103+71.31	-13.750	635734.5514	616240.6103
84083	103+76.91	-34.622	635749.2621	616224.7808
84084	103+76.92	-25.622	635745.0596	616232.7394
84085	103+76.93	-18.500	635741.7339	616239.0375
84086	103+76.93	-16.500	635740.8000	616240.8061
84087	103+82.93	-18.500	635747.0369	616241.8444
84088	103+82.93	-16.500	635746.1030	616243.6129
84089	103+82.91	-34.628	635754.5679	616227.5825
84090	103+82.92	-25.633	635750.3674	616235.5371
84091	103+90.91	-34.636	635761.6421	616231.3181
84092	103+90.92	-25.636	635757.4396	616239.2766

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
84093	103+92.11	-25.637	635758.4935	616239.8331
84094	103+91.50	-15.750	635753.3249	616248.2840
84095	103+92.33	-13.750	635753.1233	616250.4401
84096	103+96.15	-20.417	635759.6195	616246.3347
84097	103+97.56	-20.422	635760.8696	616246.9911
84098	103+97.56	-19.006	635760.2111	616248.2452
84099	104+05.51	-39.183	635776.6727	616234.1292
84100	104+06.72	-29.185	635773.0667	616243.5327
84101	103+48.04	6.250	635704.6258	616247.3997
84102	103+55.05	8.250	635709.8872	616252.4474
84103	103+50.05	13.756	635702.8937	616254.9750
84104	103+50.81	16.939	635702.0720	616258.1424
84105	103+52.81	16.936	635703.8413	616259.0750
84106	103+56.81	16.929	635707.3798	616260.9401
84107	103+50.82	22.939	635699.2743	616263.4502
84108	103+52.82	22.936	635701.0435	616264.3827
84109	103+56.82	22.929	635704.5821	616266.2479
84110	103+50.82	25.062	635698.2844	616265.3282
84111	103+48.10	41.117	635688.3679	616278.2439
84112	103+50.10	40.285	635690.5234	616278.4437
84113	103+51.35	44.353	635689.7240	616282.6231
84114	103+52.78	44.335	635690.9955	616283.2760
84115	103+52.76	42.936	635691.6345	616282.0315
84116	103+53.03	42.146	635692.2423	616281.4587
84117	103+64.63	41.893	635702.6179	616286.6643
84118	103+64.65	28.627	635708.8360	616274.9466
84119	103+76.97	9.000	635728.9114	616263.3652
84120	103+76.98	11.000	635727.9788	616265.1345
84121	103+76.99	16.874	635725.2396	616270.3312
84122	103+82.97	9.000	635734.2144	616266.1720
84123	103+82.98	11.000	635733.2818	616267.9413
84124	103+82.99	16.828	635730.5644	616273.0969
84125	103+63.23	41.923	635701.3667	616286.0366
84126	103+96.60	16.722	635742.6452	616279.3716
84127	103+91.50	8.250	635742.0977	616269.4960
84128	103+92.33	6.250	635743.7689	616268.1176
84129	104+04.56	16.252	635749.9016	616282.6806
84130	103+99.43	16.235	635745.3735	616280.2648
84131	103+98.87	16.736	635744.6444	616280.4451
84132	104+04.56	19.654	635748.3117	616285.6884
84133	103+26.43	-42.566	635708.3641	616194.1468
84134	103+31.82	22.842	635682.5252	616254.4754
84135	103+50.06	16.936	635701.4105	616257.7889
84136	104+00.26	14.238	635747.0458	616278.8902
84137	103+98.56	12.528	635746.3441	616276.5835
84138	103+98.54	0.188	635752.0976	616265.6667
84139	104+04.54	0.177	635757.4056	616268.4641
84140	104+04.57	25.034	635745.8028	616290.4468
84141	104+04.57	14.252	635750.8431	616280.9161
84142	103+50.07	22.936	635698.6132	616263.0959
84143	103+14.84	22.864	635667.5086	616246.5516
84144	103+21.77	28.649	635670.9281	616254.9068
84145	103+21.85	36.		

DETAIL 2



ADAMS STREET AND W. 7TH STREET

POINT NO.	STATION	OFFSET	NORTHING	EASTING
85000	105+72.04	14.053	635898.9581	616359.0864
85001	105+72.94	15.993	635898.8385	616361.2172
85002	105+73.39	16.596	635898.9609	616361.9644
85003	105+79.71	6.362	635909.3303	616355.8744
85004	105+80.54	8.361	635909.1306	616358.0300
85005	105+80.49	25.749	635900.9476	616373.3719
85006	106+29.74	47.020	635934.7261	616415.2663
85007	106+55.60	47.334	635957.5614	616427.5657
85008	105+80.33	20.751	635903.1439	616368.8801
85009	106+04.11	9.000	635929.6638	616369.6209
85010	106+04.11	11.071	635928.6981	616371.4526
85011	106+04.12	16.627	635926.1069	616376.3672
85012	106+08.68	6.250	635934.9882	616369.3276
85013	106+08.68	8.250	635934.0526	616371.0953
85014	106+08.64	11.063	635932.7031	616373.5636
85015	106+10.11	9.042	635934.9470	616372.4653
85016	106+10.11	11.109	635933.9831	616374.2934
85017	106+10.12	16.633	635931.4071	616379.1794
85018	106+13.35	9.453	635937.6132	616374.3412
85019	105+99.32	28.253	635916.4191	616384.3945
85020	106+05.24	26.963	635922.2602	616386.0261
85021	106+08.31	24.061	635926.3304	616384.8969
85022	106+11.83	24.052	635929.4489	616386.5374
85023	106+12.27	24.480	635929.6332	616387.1196
85024	106+13.17	26.293	635929.5803	616389.1430
85025	106+23.46	14.090	635944.4455	616383.1822
85026	106+19.59	16.013	635940.1267	616383.0901

POINT NO.	STATION	OFFSET	NORTHING	EASTING
85027	106+23.59	16.023	635943.6652	616384.9553
85028	106+25.66	16.027	635945.4906	616385.9166
85029	106+19.58	22.013	635937.3289	616388.3979
85030	106+23.58	22.023	635940.8675	616390.2631
85031	106+25.58	22.028	635942.6367	616391.1956
85032	106+30.07	22.039	635946.6073	616393.2885
85033	106+31.45	25.309	635946.3125	616396.8264
85034	106+21.53	26.226	635937.1065	616393.0369
85035	106+23.00	28.055	635937.5552	616395.3370
85036	106+23.02	33.475	635935.0581	616400.1478
85037	106+20.89	33.284	635933.2621	616398.9916
85038	106+20.94	33.942	635932.9968	616399.5953
85039	106+20.47	40.726	635929.4286	616405.3847
85040	106+24.53	40.691	635933.0500	616407.2424
85041	106+24.56	41.390	635932.7438	616407.8710
85042	106+29.26	41.401	635936.9062	616410.0650
85043	106+29.79	41.936	635937.1237	616410.7828
85044	106+29.78	43.348	635936.4631	616412.0301
85045	106+31.20	43.354	635937.7153	616412.6933
85046	106+33.52	38.221	635942.1555	616409.2246
85047	106+33.54	33.319	635944.4499	616404.8928
85048	106+35.52	39.056	635943.5362	616410.8907
85049	106+35.54	33.328	635946.2173	616405.8289
85050	106+47.45	39.117	635954.1383	616416.5117
85051	106+49.45	38.299	635956.2945	616416.7136
85052	106+58.82	50.582	635958.9150	616431.9365
85053	106+60.21	50.594	635960.1439	616432.5909

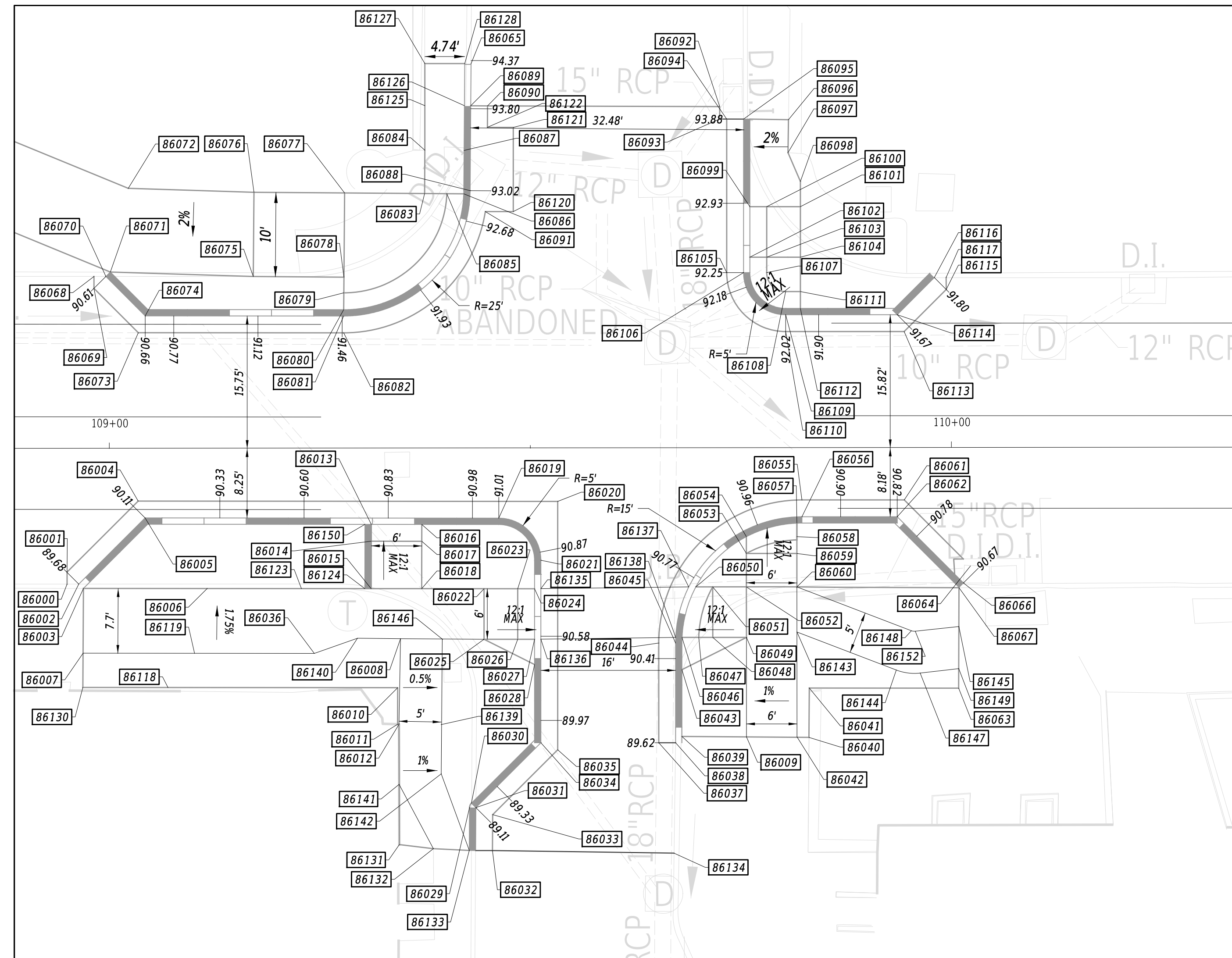
POINT NO.	STATION	OFFSET	NORTHING	EASTING
85054	106+60.24	49.174	635960.8254	616431.3448
85055	106+60.79	48.646	635961.5604	616431.1327
85056	106+60.80	46.738	635962.4481	616429.4443
85057	106+65.64	46.753	635966.7333	616431.6971
85058	106+66.29	35.172	635972.6643	616421.7289
85059	106+66.45	30.650	635974.8977	616417.7938
85060	106+67.73	29.547	635976.5467	616417.4101
85061	106+69.47	29.447	635978.1384	616418.1273
85062	106+69.48	28.393	635978.6324	616417.1964
85063	106+72.34	28.397	635981.0562	616418.4743
85064	106+72.53	23.893	635983.3211	616414.5774
85065	106+76.54	23.971	635986.8320	616416.5166
85066	106+76.33	28.397	635984.5830	616420.3338
85067	106+60.86	26.947	635971.6581	616411.9262
85068	106+56.30	22.333	635969.7521	616405.7273
85069	106+52.30	22.308	635966.2173	616403.8551
85070	106+50.30	22.296	635964.4499	616402.9189
85071	106+50.34	16.296	635967.2584	616397.6168
85072	106+52.34	16.309	635969.0257	616398.5529
85073	106+56.34	16.333	635972.5605	616400.4252
85074	106+49.61	13.152	635968.0651	616394.4913
85075	106+47.65	6.153	635969.5680	616387.3811
85076	106+54.63	8.183	635974.8155	616392.4087
85077	106+77.72	16.434	635991.3940	616410.4008
85078	106+77.72	11.000	635993.9281	616405.5944
85079	106+77.72	9.000	635994.8609	616403.8252
85080	106+83.72	9.000	636000.1684	616406.6236

POINT NO.	STATION	OFFSET	NORTHING	EASTING
85081	106+83.72	11.000	635999.2356	616408.3927
85082	106+83.72	16.434	635996.7015	616413.1991
85083	106+66.50	22.396	635978.7614	616410.4993
85084	106+77.72	23.741	635987.9860	616416.8647
85085	106+93.46	28.397	635999.7337	616428.3220
85086	106+98.77	27.670	636004.7759	616430.1586
85087	106+83.72	22.573	635993.8383	616418.6298
85088	106+96.67	8.250	636011.9680	616411.9969
85089	106+97.49	6.250	636013.6336	616410.6141
85090	107+03.55	16.434	636014.2378	616422.4449
85091	107+04.26	15.846	636015.1445	616422.2586
85092	107+02.66	11.420	636015.7955	616417.5980
85093	107+13.49	11.418	636025.3754	616422.6468
85094	105+73.84	-20.961	635916.9280	616328.9812
85095	105+73.85	-19.444	635916.2229	616330.3246
85096	105+75.16	-20.965	635918.0894	616329.5907
85097	105+79.56	-13.750	635918.6090	616338.0296
85098	105+80.39	-15.750	635920.2750	616336.6485
85099	105+93.75	-21.536	635934.7905	616337.7848
85100	105+95.12	-31.538	635940.6766	616329.5833
85101	106+04.04	-31.554	635948.5760	616333.7470
85102	106+04.06	-21.554	635943.9131	616342.5934
85103	106+04.07	-18.500	635942.4892	616345.2947
85104	106+04.07	-16.500	635941.5566	616347.0640
85105	106+10.07	-16.500	635946.8596	616349.8708
85106	106+10.07	-18.500	635947.7922	616348.1016
85107	106+10.06	-21.564	635949.2209	616345.3911
85108	106+23.97	-15.729	635958.7357	616357.0053
85109	106+30.97	-13.675	635963.9860	616362.0751
85110	106+28.99	-20.717	635965.4979	616354.9176
85111	106+19.24	-21.578	635957.2633	616349.6302
85112	106+26.24	-21.561	635963.4558	616352.8943
85113	106+28.24	-21.556	635965.2250	616353.8268
85114	106+14.14	-31.571	635957.5030	616338.4525
85115	106+19.27	-31.578	635961.9262	616340.7839
85116	106+26.27	-31.561	635968.1186	616344.0479
85117	106+28.27	-31.556	635969.8879	616344.9805
85118	106+14.13	-36.571	635959.8345	616334.0293
85119	106+19.28	-36.578	635964.2577	616336.3607
85120	106+14.12	-38.115	635960.5546	616332.6632
85121	106+28.44	-49.920	635978.5620	616328.7936
85122	106+23.84	-51.838	635975.3803	616324.9607
85123	106+23.87	-56.905	635977.7551	616320.4842
85124	106+28.63	-56.774	635981.9112	616322.8108
85125	106+62.34	-45.685	636006.5698	616348.2183
85126	106+67.35	-45.495	636010.9274	616350.7059
85127	106+59.40	-41.873	636002.2003	616350.2380
85128	106+61.40	-41.864	636003.9694	616351.1707
85129	106+59.39	-40.517	636001.5679	616351.4373
85130	106+62.14	-40.519	636004.0069	616352.7078
85131	106+67.19	-41.198	636008.7957	616354.4401
85132	106+69.13	-35.430	636007.8489	616360.4527
85133	106+64.13	-34.621	636003.0389	616358.8551
85134	106+69.13	-34.600	636007.4619	616361.1868
85135	106+59.35	-30.797	635997.0349	616360.0350
85136	106+61.35	-30.789	635998.8041	616360.9678
85137	106+62.11	-30.267	635999.2341	616361.7807
85138	106+64.11	-30.259	636001.0045	616362.7141
85139	106+69.11	-30.237	636005.4275	616365.0460
85140	106+65.71	-21.252	635998.2255	616371.4374
85141	106+68.60	-21.239	636000.8125	616372.7871
85142	106+76.22	-15.750	636005.0770	616381.2323
85143	106+76.22	-13.750	636004.1443	616383.0014
85144	106+77.72	-16.500	636006.7537	616381.2684
85145	106+77.72	-18.500	636007.6865	616379.4992
85146	106+77.72	-21.231	636008.9604	616377.0830
85147	106+77.72	-30.231	636013.1578	616369.1218

POINT NO.	STATION	OFFSET	NORTHING	EASTING
85148	106+83.72	-16.500	636012.0612	616384.0667
85149	106+83.72	-18.500	636012.9940	616382.2975
85150	106+83.72	-21.231	636014.2679	616379.8813
85151	106+83.72	-30.231	636018.4653	616371.9201
85152	106+94.22	-21.231	636023.5560	616384.7784
85153	106+94.22	-30.231	636027.7534	616376.8171
85154	106+96.48	-15.750	636022.9972	616390.6804
85155	106+97.31	-13.750	636022.7973	616392.8360
85156	107+00.74	-21.231	636029.3184	616387.8165
85157	107+00.74	-30.231	636033.5158	616379.8553
85158	107+01.27	-20.537	636029.4638	616388.6779
85159	107+02.52	-18.965	636029.8422	616390.6544
85160	107+02.51	-20.541	636030.5622	616389.2532
85161	106+29.04	-40.617	635974.7774	616337.3126
85				

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
86000	108+95.00	16.117	636183.7379	616511.4540
86001	108+95.00	14.683	636184.4067	616510.1856
86002	108+96.39	16.115	636184.9740	616512.1036
86003	108+96.94	16.629	636185.2184	616512.8131
86004	109+03.43	6.250	636195.7997	616506.6588
86005	109+04.26	8.250	636195.5998	616508.8143
86006	109+11.64	16.633	636198.2189	616519.6725
86007	108+96.90	24.329	636181.5941	616519.6070
86008	109+34.51	22.574	636215.7595	616535.6338
86009	109+75.55	34.376	636246.6778	616565.0923
86010	109+34.16	28.399	636212.7516	616540.6354
86011	109+34.13	32.736	636210.7191	616544.4658
86012	109+34.29	32.741	636210.8617	616544.5461
86013	109+31.11	9.000	636219.0077	616522.0037
86014	109+31.11	11.000	636218.0750	616523.7729
86015	109+31.11	16.634	636215.4475	616528.7563
86016	109+37.08	9.012	636224.3152	616524.8020
86017	109+37.07	11.012	636223.3825	616526.5712
86018	109+37.05	16.646	636220.7550	616531.5548
86019	109+46.22	8.299	636232.7522	616528.4025
86020	109+53.23	6.327	636239.8711	616529.8949
86021	109+51.20	13.314	636234.8455	616535.1530
86022	109+44.45	16.675	636227.3021	616535.0067
86023	109+48.45	16.691	636230.8405	616536.8722
86024	109+50.44	16.699	636232.6045	616537.8023
86025	109+44.43	22.675	636224.5038	616540.3142
86026	109+48.43	22.691	636228.0422	616542.1797
86027	109+50.43	22.699	636229.8113	616543.1125
86028	109+50.42	25.693	636228.4174	616545.7625
86029	109+42.64	42.664	636213.6734	616557.2087
86030	109+42.87	42.139	636214.1131	616556.8458
86031	109+43.39	42.671	636214.3349	616557.5623
86032	109+45.35	47.785	636213.6973	616562.9980
86033	109+45.39	43.512	636215.7114	616559.2298
86034	109+51.14	34.989	636224.7547	616554.3368
86035	109+53.14	35.825	636226.1386	616556.0020
86036	109+24.37	24.329	636205.8931	616532.4184
86037	109+65.14	35.032	636237.1451	616560.8542
86038	109+67.14	35.038	636238.9152	616561.7853
86039	109+67.89	34.298	636239.9246	616561.4774
86040	109+82.97	34.453	636253.2194	616568.5938
86041	109+83.03	28.595	636255.9837	616563.4295
86042	109+81.55	34.395	636251.9880	616567.8855
86043	109+67.91	26.363	636243.6184	616554.4550
86044	109+65.17	23.194	636242.6563	616550.3769
86045	109+67.17	23.200	636244.4263	616551.3080
86046	109+67.94	22.528	636245.4173	616551.0675
86047	109+69.93	22.534	636247.1740	616551.9916
86048	109+71.59	22.539	636248.6429	616552.7642
86049	109+75.59	22.551	636252.1830	616554.6263
86050	109+69.60	16.533	636249.6660	616546.5229
86051	109+71.60	16.539	636251.4361	616547.4540
86052	109+75.60	16.551	636254.9762	616549.3161
86053	109+75.62	12.591	636256.8199	616545.8111
86054	109+75.62	10.590	636257.7513	616544.0403
86055	109+82.23	6.245	636265.6158	616543.2454
86056	109+82.22	8.245	636264.6848	616545.0155
86057	109+81.63	8.993	636263.8132	616545.4044
86058	109+81.62	10.609	636263.0611	616546.8342
86059	109+81.62	12.609	636262.1301	616548.6042
86060	109+81.60	16.582	636260.2804	616552.1206
86061	109+94.40	6.250	636276.3694	616548.9019
86062	109+93.57	8.250	636274.7052	616550.2863
86063	110+00.86	28.615	636271.6783	616571.7044
86064	110+02.25	14.108	636279.6658	616559.5146
86065	109+43.10	-45.707	636254.9815	616479.0850
86066	110+01.43	16.114	636278.0042	616560.9072
86067	110+00.90	16.688	636277.2675	616561.1681
86068	108+98.16	-20.430	636203.5853	616480.6023
86069	108+98.16	-19.016	636202.9253	616481.8535
86070	108+99.58	-20.430	636204.8359	616481.2620
86071	109+00.11	-20.960	636205.5524	616481.0403
86072	109+02.23	-30.900	636212.0631	616473.2367
86073	109+03.43	-13.750	636205.1274	616488.9672
86074	109+04.26	-15.750	636206.7930	616487.5844
86075	109+17.09	-20.436	636220.3263	616489.4220
86076	109+17.15	-30.436	636225.0479	616480.6068

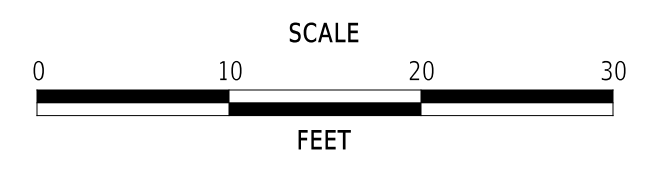
DETAIL 3



ADAMS STREET AND W. 8TH STREET

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
86077	109+27.92	-30.366	636234.5396	616485.6908
86078	109+27.85	-20.366	636229.8132	616494.5034
86079	109+27.82	-18.500	636228.9211	616496.1423
86080	109+27.82	-16.500	636227.9860	616497.9102
86081	109+27.82	-15.750	636227.6386	616498.5749
86082	109+27.82	-13.750	636226.7058	616500.3441
86083	109+37.54	-30.290	636242.9114	616490.1750
86084	109+37.59	-35.444	636245.3449	616485.6318
86085	109+40.18	-30.262	636245.2464	616491.4256
86086	109+42.19	-30.241	636247.0147	616492.3728
86087	109+42.25	-35.394	636249.4481	616487.8297
86088	109+42.94	-30.617	636247.8570	616492.3886
86089	109+43.05	-40.708	636252.6218	616483.4930
86090	109+45.05	-40.686	636254.3848	616484.4373
86091	109+44.74	-28.122	636248.2916	616495.4294
86092	109+72.62	-40.510	636278.7371	616497.3520
86093	109+72.61	-39.033	636278.0451	616498.6568
86094	109+73.44	-39.026	636278.7839	616499.0505
86095	109+75.44	-39.009	636280.5489	616499.9911
86096	109+80.78	-38.922	636285.2401	616502.5384
86097	109+80.71	-35.016	636283.3685	616505.9675
86098	109+82.17	-31.592	636283.0798	616509.6792
86099	109+76.16	-28.611	636276.3730	616509.5411
86100	109+78.16	-28.604	636278.1431	616510.4721
86101	109+82.16	-28.592	636281.6832	616512.3343
86102	109+76.14	-22.611	636273.5798	616514.8513
86103	109+78.14	-22.604	636275.3499	616515.7823
86104	109+82.14	-22.592	636278.8900	616517.6445
86105	109+73.39	-20.782	636270.2907	616515.1970
86106	109+75.39	-20.776	636272.0608	616516.1281
86107	109+78.14	-20.776	636274.4946	616517.4083
86108	109+80.38	-18.510	636275.4385	616520.4471
86109	109+80.37	-15.761	636274.1583	616522.8809
86110	109+80.37	-13.761	636273.2272	616524.6510
86111	109+82.13	-18.505	636276.9873	616521.2617
86112	109+82.12	-16.505	636276.0562	616523.0318
86113	109+94.40	-13.750	636285.6801	616531.2012
86114	109+93.57	-15.750	636285.8779	616529.0455
86115	109+99.39	-18.744	636292.4248	616529.1062
86116	109+97.97	-20.158	636291.8316	616527.1963
86117	109+99.38	-20.163	636293.0810	616527.8477
86118	109+06.99	28.399	636188.6202	616527.9122
86119	109+10.14	24.329	636193.3047	616525.7813
86120	109+48.06	-28.110	636251.2327	616496.9794
86121	109+48.10	-38.110	636255.8951	616488.1328
86122	109+45.02	-38.135	636253.1802	616486.6863
86123	109+22.83	16.634	636208.1191	616524.8925
86124	109+30.36	16.634	636214.7841	616528.4065
86125	109+37.60	-40.727	636247.8022	616480.9542
86126	109+42.30	-40.716	636251.9600	616483.1385
86127	109+37.62	-45.727	636250.1274	616476.5282
86128	109+42.35	-45.715	636254.3204	616478.7309
86129	109+76.19	-39.007	636281.2127	616500.3403
86130	108+96.88	28.399	636179.6786	616523.1977
86131	109+34.29	47.031	636204.2448	616557.2122
86132	109+38.33	47.528	636207.5942	616559.5215
86133	109+42.60	47.758	636211.2720	616561.7017
86134	109+66.90	48.152	636232.6384	616573.3018
86135	109+51.19	16.693	636233.2724	616538.1437
86136	109+51.18	22.692	636230.4796	616543.4531
86137	109+68.76	16.540	636248.9109	616546.1370
86138	109+67.19	22.535	636244.7488	616550.7268
86139	109+39.29	32.795	636215.2690	616546.9080
86140	109+29.48	22.517	636211.2587	616533.1993
86141	109+34.29	39.886	636207.5533	616550.8791
86142	109+39.29	38.647	636212.5591	616552.0953
86143	109+81.59	21.936	636257.7878	616556.8594
86144	109+93.45	26.462	636266.1226	616566.3495
86145	110+00.88	21.291	636275.1103	616565.2347
86146	109+39.51	22.680	636220.1414	616538.0419
86147	109+96.28	26.820	636268.4639	616567.9852
86148	109+95.24	21.793	636269.8794	616563.0501
86149	110+00.87	26.291	636272.7671	616569.6518
86150	109+30.36	9.000	636218.3443	616521.6540
86152	109+95.70	21.853	636270.2634	616563.3203

ADDENDA / REVISIONS



ADAMS STREET SIDEWALK IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J. IORIO
COUNTY	CHECKED BY:	B. DOUGHERTY
NEW CASTLE		

GRADES AND GEOMETRICS

GG-06

SECTION

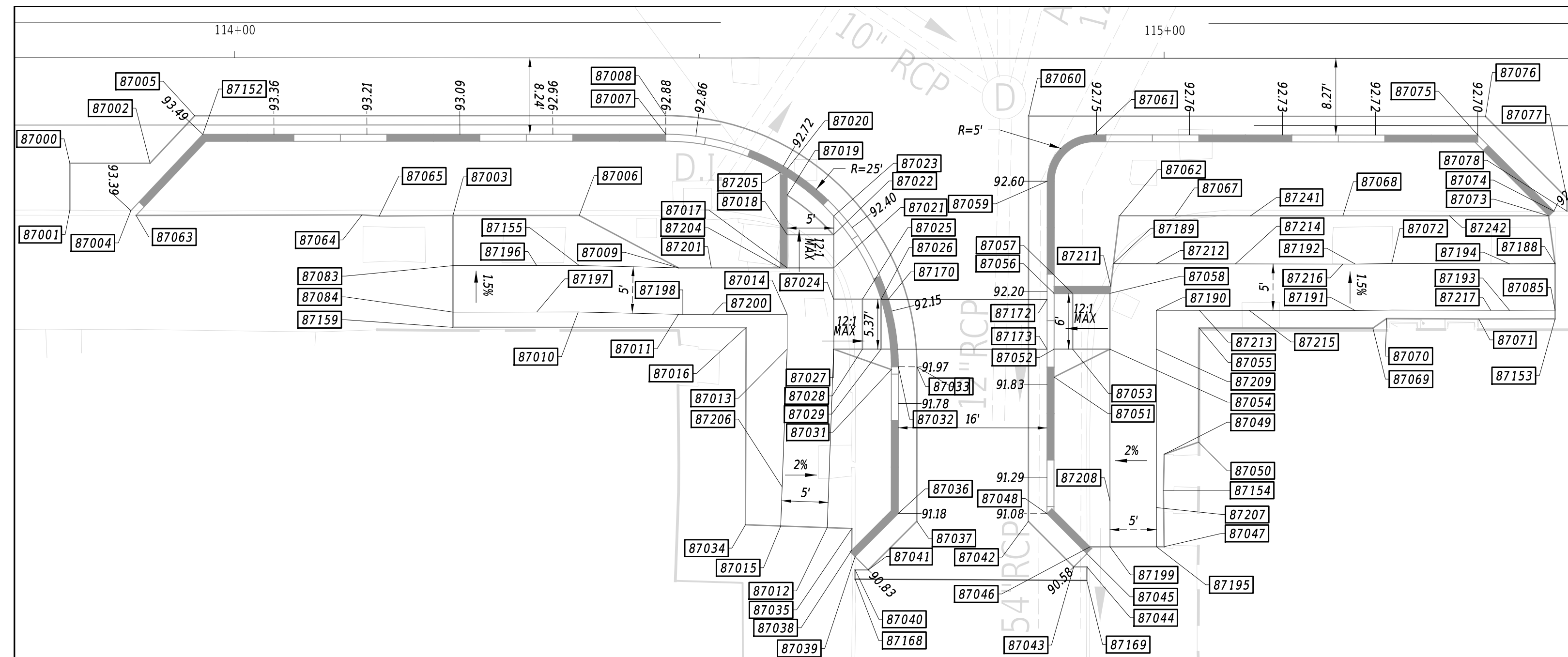
JMT

SHEET NO.

21

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DETAIL 4



POINT NO.	STATION	OFFSET	NORTHING	EASTING
87000	113+82.31	11.355	636617.3127	616734.0079
87001	113+82.31	16.406	636614.9576	616738.4766
87002	113+90.94	11.362	636624.9439	616738.0297
87003	114+23.52	16.997	636651.1539	616758.1844
87004	113+88.88	16.463	636620.7468	616741.5861
87005	113+95.76	6.250	636631.5863	616735.7481
87006	114+37.10	16.982	636663.1777	616764.4915
87007	114+46.41	8.250	636675.4868	616761.0998
87008	114+46.41	6.250	636676.4178	616759.3298
87009	114+47.77	22.617	636669.9991	616774.4461

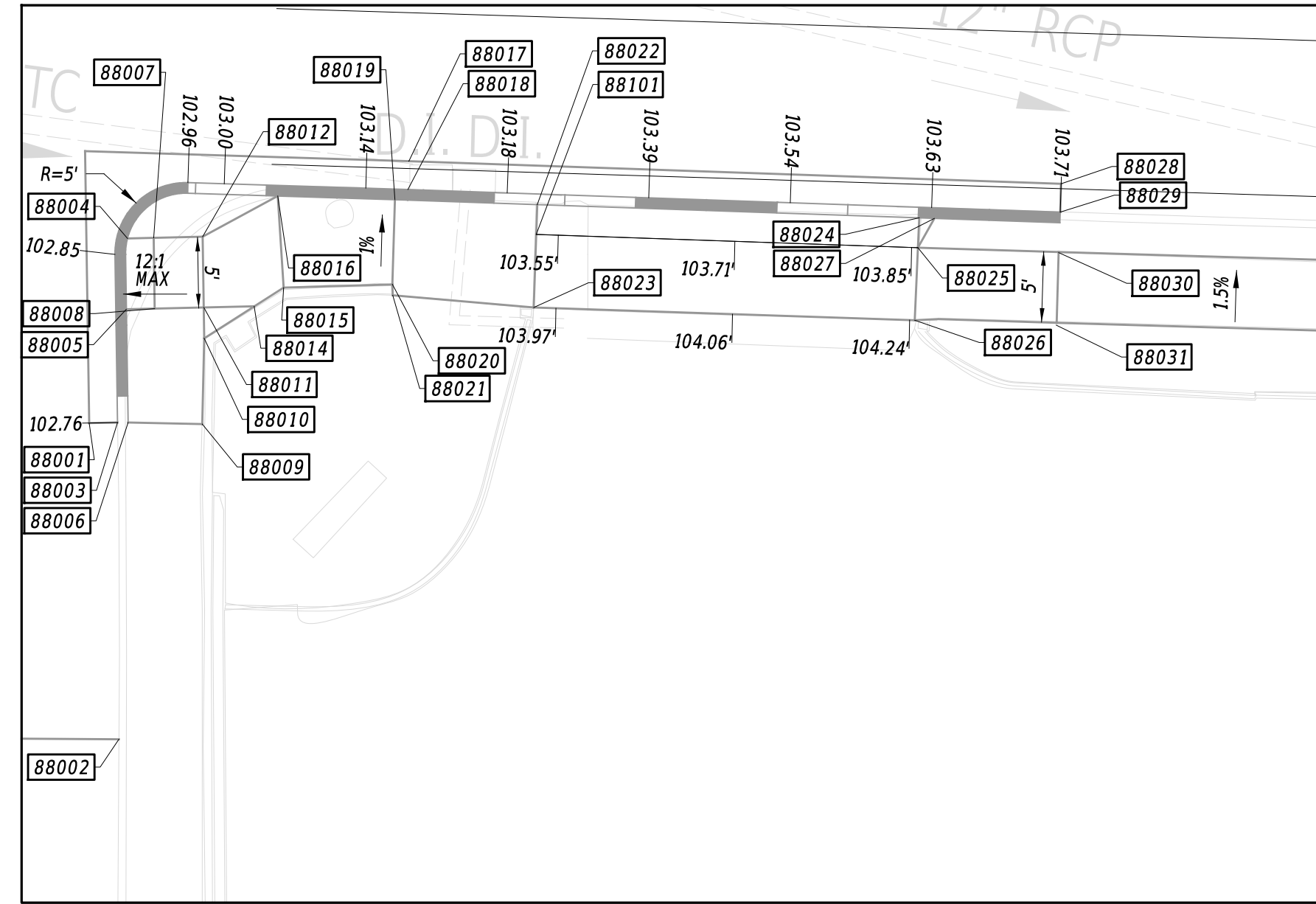
POINT NO.	STATION	OFFSET	NORTHING	EASTING
87010	114+36.99	27.367	636658.2456	616773.6312
87011	114+47.76	27.617	636667.6676	616778.8693
87012	114+63.84	50.561	636671.1343	616806.6351
87013	114+59.50	31.365	636676.2616	616787.6345
87014	114+59.50	27.618	636678.0086	616784.3200
87015	114+58.84	50.388	636666.7963	616804.1488
87016	114+55.09	29.056	636673.4390	616783.5322
87017	114+59.49	22.618	636680.3401	616779.8969
87018	114+59.49	19.044	636682.0067	616776.7350
87019	114+59.49	14.805	636683.9832	616772.9853
87020	114+59.49	11.994	636685.2941	616770.4983

POINT NO.	STATION	OFFSET	NORTHING	EASTING
87021	114+64.49	22.615	636684.7632	616782.2283
87022	114+64.49	19.041	636686.4299	616779.0664
87023	114+64.49	17.041	636687.3625	616777.2972
87024	114+64.50	25.988	636683.1902	616785.2127
87025	114+67.60	25.986	636685.9336	616786.6588
87026	114+69.60	25.985	636687.7028	616787.5913
87027	114+64.50	31.361	636680.6847	616789.9659
87028	114+67.60	31.359	636683.4283	616791.4116
87029	114+69.60	31.357	636685.1976	616792.3442
87030	114+70.64	31.352	636686.1180	616792.8238
87031	114+70.71	33.543	636685.1618	616794.7968
87032	114+71.46	33.245	636685.9636	616794.8840
87033	114+73.46	33.244	636687.7329	616795.8167
87034	114+55.05	50.257	636663.5068	616802.2634
87035	114+66.49	50.653	636673.4342	616807.9533
87036	114+71.48	49.033	636678.6012	616808.8500
87037	114+73.48	49.859	636679.9846	616810.5146
87038	114+66.48	52.980	636672.3436	616810.0083
87039	114+66.84	53.680	636672.3359	616810.7961
87040	114+66.84	55.092	636671.6766	616812.0446
87041	114+68.26	55.092	636672.9291	616812.7061
87042	114+85.48	49.852	636690.5994	616816.1115
87043	114+90.36	54.734	636692.6427	616822.7109
87044	114+91.77	54.739	636693.8848	616823.3731
87045	114+91.78	53.318	636694.5532	616822.1194
87046	114+92.10	52.583	636695.1838	616821.6202
87047	115+00.08	52.566	636702.2490	616825.3321
87048	114+87.48	49.022	636692.7550	616816.3114
87049	115+00.08	42.610	636706.8993	616816.5294
87050	115+03.78	41.312	636710.7692	616817.1045
87051	114+88.22	34.323	636700.2730	616803.6585
87052	114+88.21	31.323	636701.6720	616801.0047
87053	114+90.21	31.322	636703.4412	616801.9373
87054	114+94.21	31.319	636706.9796	616803.8027
87055	115+03.81	29.025	636716.5329	616806.2534
87056	114+88.21	25.323	636704.4700	616795.6970
87057	114+90.21	25.322	636706.2392	616796.6297
87058	114+94.21	25.319	636709.7777	616798.4950
87059	114+87.45	13.262	636709.4312	616784.6776
87060	114+85.45	6.263	636710.9264	616777.5527
87061	114+92.45	8.259	636716.1860	616782.5863
87062	114+95.24	16.956	636714.5977	616791.5834
87063	113+89.44	16.965	636621.0070	616742.2897
87064	114+13.73	16.926	636642.5263	616753.5658
87065	114+15.58	17.041	636644.1060	616754.5268
87066	117+79.18	16.561	636965.9630	616923.6560
87067	115+01.20	16.952	636719.8694	616794.3624

POINT NO.	STATION	OFFSET	NORTHING	EASTING
87068	115+19.26	16.950	636733.8482	616802.7868
87069	115+22.48	29.025	636733.0716	616814.9734
87070	115+23.95	27.995	636734.8520	616814.7475
87071	115+33.86	28.038	636743.5986	616819.4068
87072	115+24.50	22.080	636738.0969	616809.7711
87073	115+41.36	16.928	636755.4133	616813.0752
87074	115+41.93	16.436	636756.1459	616812.9056
87075	115+33.74	8.250	636752.7220	616801.8469
87076	115+34.57	6.250	636754.3875	616800.4640
87077	115+43.34	15.022	636758.0564	616812.3141
87078	115+43.35	16.433	636757.4008	616813.5636
87079	117+77.26	11.433	636966.6577	616918.2252
87080	117+98.77	6.250	636988.0967	616923.6678
87081	117+74.99	16.546	636962.2586	616921.6859
87082	117+76.04	16.553	636963.1871	616922.1828
87083	114+23.52	22.384	636648.6435	616762.9499
87084	114+23.51	27.384	636646.3131	616767.3737
87085	115+42.08	27.082	636751.3139	616822.3928
87086	117+79.16	23.957	636962.4960	616930.1888
87087	117+85.64	23.921	636968.2429	616933.1771
87088	117+88.57	27.142	636969.3360	616937.3955
87089	117+93.43	27.164	636973.6208	616939.6786
87090	117+95.57	29.043	636974.6350	616942.3373
87091	117+82.44	6.250	636973.6516	616916.0528
87092	117+83.27	8.250	636973.4527	616918.2089
87093	118+15.55	9.007	637001.7179	616933.9572
87094	118+15.53	11.007	637000.7852	616935.7264
87095	118+15.49	16.669	636998.1448	616940.7351
87096	118+21.49	16.730	637003.4447	616943.5478
87097	118+21.53	11.052	637006.0929	616938.5244
87098	118+21.55	9.052	637007.0255	616936.7552
87099	118+25.21	8.329	637010.6062	616937.7950
87100	118+32.19	6.380	637017.7019	616939.2747
87101	118+30.17	13.342	637012.7086	616944.5288
87102	118+73.05	29.231	637043.1761	616978.4755
87103	118+14.40	29.044	636991.2977	616951.1227
87104	118+21.40	28.495	636997.9583	616953.9551
87105	118+27.38	28.511	637003.2563	616956.7161
87106	118+29.38	28.516	637005.0299	616957.6404
87107	118+21.36	34.495	636995.1603	616959.2628
87108	118+27.36	34.511	637000.4834	616962.0369
87109	118+29.36	34.516	637002.2570	616962.9612
87110	118+29.35	37.533	637000.8629	616965.6365
87111	118+14.19	41.919	636985.1030	616962.4116
87112	118+13.42	49.119	636981.0696	616968.4248
87113	118+24.79	53.811	636989.3275	616977.9943
87114	118+25.16	54.505	636989.3328	616978.7789
87115	118+25.15	55.916	636988.6781	616980.0294
87116	118+26.57	55.923	636989.9334	616980.6866
87117	118+30.07	49.617	636995.9443	616976.6975
87118	118+32.07	50.450	636997.3351	616978.3565
87119	118+44.44	51.406	637007.5307	616984.7580
87120	118+44.43	50.441	637007.9767	616983.9022
87121	118+49.02	55.949	637009.4688	616990.9143
87122	118+50.43	55.955	637010.7069	616991.5728
87123	118+50.43	54.529	637011.3765	616990.3137
87124	118+46.43	50.569	637009.6872	616984.9476
87125	118+50.73	53.773	637011.9968	616989.7866
87126	118+60.78	34.147	637030.0373	616977.1085
87127	118+57.18	42.633	637022.8961	616982.9371
87128	118+47.13	37.713	637016.2920	616973.8156
87129	118+53.45	34.515	637023.3783	616974.0164
87130	118+49.45	34.533	637019.8311	616972.1669
87131	118+47.45	34.542	637018.0575	616971.2426
87132	118+47.11	34.544	637017.7568	616971.0859
87133	118+46.35	31.637	637018.4364	616968.1588
87134	118+44.35	31.646	637016.6628	616967.2345
87135	118+47.42	28.542	637020.8304	616965.9217
87136	118+49.42	28.533	637022.6040	616966.8460
87137	118+53.42	28.515	637026.1512	616968.6946
87138	118+48.25	25.957	637022.7663	616964.0201
87139	118+57.12	38.386	637024.8218	616979.1512
87140	118+60.83	38.290	637028.1477	616980.7957
87141	118+60.74	30.123	637031.8728	616973.5270
87142	118+63.17	27.754	637035.1313	616972.5667
87143	118+61.31	16.569	637038.7003	616961.8044
87144	118+61.31	14.569	637039.6286	616960.0329
87145	118+69.08	14.551	637046.5094	616963.6382

POINT NO.	STATION	OFFSET	NORTHING	EASTING
87146	118+69.08	16.551	637045.5811	616965.4098
87147	118+67.89	17.304	637044.1715	616965.5179
87148	118+69.08	17.301	637045.2331	616966.0741
87149	118+67.11	27.710	637038.6366	616974.3640
87150	118+67.15	29.230	637037.9616	616975.7262
87151	118+73.28	22.355	637046.5939	616972.5035
87152	113+96.62	8.250	636631.4194	616737.9202
87153	115+42.08	28.011	636750.8803	616823.2148
87154	115+00.00	46.491	636705.0109	616819.9209
87155	114+37.10	22.368	636660.6757	616769.2615
87156	118+69.39	17.396	637045.4645	616966.3029
87157	118+69.93	17.435	637045.9210	616966.5885
87158	118+73.29	17.426	637048.8934	616968.1439
87159	114+23.51	29.026	636645.5477	616768.8265
87160	118+02.78	6.250	636991.6501	616925.5410
87161	117+97.74	-4.952	636992.4096	616913.2785
87162	118+01.77	-4.778	636995.8959	616915.3131</

DETAIL 6



ADAMS STREET AND W. 11TH STREET

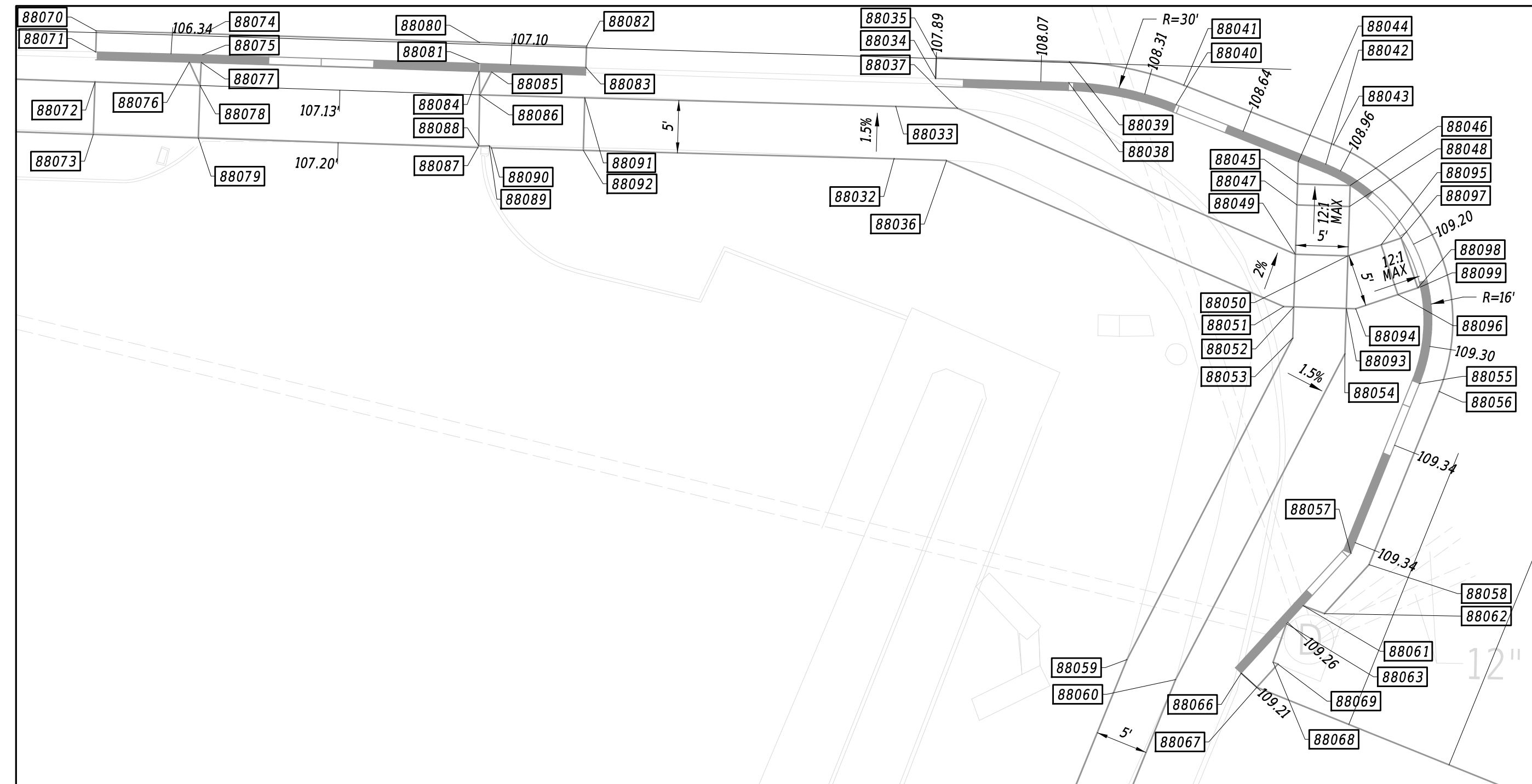
* COORDINATE LIST					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	
87223	117+90.52	21.858	636973.5254	616933.6300	
87224	117+91.21	27.154	636971.6616	616938.6347	
87225	117+91.19	22.182	636973.9628	616934.2268	
87226	117+95.59	22.216	636977.8383	616936.3091	
87227	117+95.57	27.173	636975.5145	616940.6877	
87228	118+08.83	27.232	636987.2111	616946.9201	
87229	118+15.45	22.080	636995.6212	616945.5221	
87230	118+15.31	40.895	636986.8469	616962.1665	
87231	118+21.31	40.940	636992.1545	616964.9645	
87232	118+14.80	9.002	637001.0544	616933.6074	
87233	118+14.74	16.661	636997.4823	616940.3835	
87234	118+22.30	9.057	637007.6890	616937.1049	
87235	118+22.16	27.747	636998.9732	616953.6383	
87236	118+29.38	27.766	637005.3765	616956.9753	
87237	118+55.99	49.800	637018.5019	616988.7231	
87238	118+58.42	28.492	637030.5852	616971.0053	
87239	118+58.40	22.422	637033.3903	616965.6226	
87240	118+62.76	22.403	637037.2584	616967.6384	
87241	115+09.32	16.950	636727.0564	616798.1516	
87242	115+30.71	16.939	636745.9909	616808.1204	

*POINT LOCATIONS CAN BE FOUND ON GG-07 SHEET

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING	
88000	10+16.41	14.443	637368.1471	617133.7571	
88001	10+17.30	33.629	637359.4652	617150.8887	
88002	10+20.07	55.893	637350.9092	617171.6298	
88003	10+19.29	33.536	637361.2492	617151.7928	
88004	10+19.59	20.516	637367.9239	617140.6098	
88005	10+19.67	25.519	637365.5306	617145.0037	
88006	10+20.04	33.502	637361.9182	617152.1318	
88007	10+21.44	20.417	637369.5816	617141.4342	
88008	10+21.67	25.412	637367.3214	617145.8943	
88009	10+25.27	33.459	637366.4908	617154.6719	
88010	10+25.23	27.398	637369.4373	617149.3752	
88011	10+25.13	25.226	637370.4203	617147.4356	
88012	10+24.90	20.231	637372.6805	617142.9755	
88013	10+23.74	16.443	637373.5409	617139.1102	
88014	10+28.69	25.034	637373.6136	617149.0238	
88015	10+30.73	23.642	637376.0722	617148.8169	
88016	10+30.12	17.193	637378.7208	617142.9056	
88017	10+39.29	14.443	637388.0607	617145.0346	
88018	10+39.29	16.443	637387.0717	617146.7730	
88019	10+38.39	17.193	637385.9202	617146.9828	
88020	10+38.39	23.168	637382.9744	617152.1808	
88021	10+38.44	23.956	637382.6333	617152.8927	
88022	10+48.46	17.229	637394.6611	617151.9743	
88023	10+48.43	24.510	637391.0483	617158.2958	
88024	10+75.45	17.336	637418.0964	617165.3681	
88025	10+75.42	19.448	637417.0326	617167.1929	
88026	10+75.36	24.575	637414.4502	617171.6224	
88027	10+76.53	17.349	637419.0311	617165.9130	
88028	10+85.40	14.625	637428.0890	617167.9116	
88029	10+85.39	16.625	637427.0966	617169.6480	
88030	10+85.38	19.486	637425.6767	617172.1323	
88031	10+85.36	24.614	637423.1323	617176.5844	
88032	13+40.74	24.600	637645.3629	617302.4223	
88033	13+40.74	19.627	637647.8133	617298.0954	
88034	13+44.46	16.859	637652.4104	617297.5179	
88035	13+44.46	14.859	637653.3960	617295.7776	
88036	13+45.74	24.627	637649.7001	617304.9101	
88037	13+46.62	19.627	637652.9279	617300.9919	
88038	13+57.11	16.859	637663.4178	617303.7516	
88039	13+57.11	14.859	637664.4034	617302.0113	
88040	13+67.38	18.654	637671.4710	617310.3744	
88041	13+68.06	16.773	637672.9905	617309.0740	
88042	13+81.78	23.872	637681.4312	617322.0119	
88043	13+82.46	21.991	637682.9506	617320.7114	
88044	13+79.17	23.721	637679.2284	617320.5917	
88045	13+79.17	25.831	637678.1890	617322.4272	
88046	13+84.17	25.831	637682.5397	617324.8911	
88047	13+79.17	27.831	637677.2034	617324.1675	
88048	13+84.17	27.831	637681.5541	617326.6314	
88049	13+79.17	32.528	637674.8887	617328.2547	

DETAIL 7

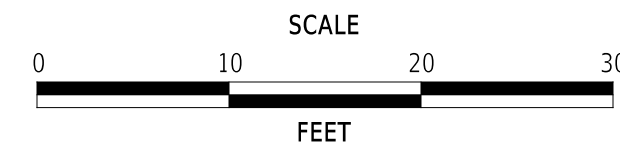


ADAMS STREET AND DELAWARE AVENUE - SOUTHEAST CORNER

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING	
88050	13+84.17	32.528	637679.2395	617330.7186	
88051	13+78.21	37.528	637671.5939	617332.1349	
88052	13+79.17	37.528	637672.4248	617332.6055	
88053	13+79.17	40.505	637670.9580	617335.1955	
88054	13+84.17	41.837	637674.6524	617338.8184	
88055	13+91.34	44.453	637679.6083	617344.6317	
88056	13+93.22	45.145	637680.8999	617346.1587	
88057	13+85.31	60.796	637666.3082	617355.8816	
88058	13+87.06	61.826	637667.3245	617357.6414	
88059	13+64.34	71.558	637642.7580	617354.9129	
88060	13+69.02	73.321	637645.9607	617358.7525	
88061	13+80.91	65.912	637659.9595	617358.1658	
88062	13+82.96	66.604	637661.3961	617359.7745	
88063	13+79.40	67.672	637657.7759	617358.9515	
88066	13+75.24	72.507	637651.7757	617361.1103	
88067	13+76.76	73.811	637652.4528	617362.9922	
88068	13+78.23	71.375	637654.9308	617361.5959	
88069	13+78.70	71.552	637655.2566	617361.9834	
88070	12+64.54	14.796	637583.8893	617256.3419	
88071	12+64.56	16.796	637582.9134	617258.0876	
88072	12+64.57	19.644	637581.5240	617260.5731	
88073	12+64.56	24.643	637579.0457	617264.9156	
88074	12+74.71	14.740	637592.7604	617261.3010	
88075	12+74.71	16.740	637591.7785	617263.0434	
88076	12+73.48	17.497	637590.3345	617263.0954	
88077	12+74.61	17.490	637591.3182	617263.6453	
88078	12+74.57	19.677	637590.2091	617265.5298	
88079	12+74.56	24.677	637587.7314	617269.8727	
88080	13+01.03	14.776	637615.6444	617274.3027	
88081	13+01.01	16.776	637614.6474	617276.0365	
88082	13+11.18	14.818	637624.4610	617279.3438	
88083	13+11.18	16.818	637623.4683	617281.0800	
88084	13+01.05	17.527	637614.3103	617276.7081	
88085	13+02.23	17.541	637615.3310	617277.3022	
88086	13+01.16	19.757	637613.3081	617278.7038	
88087	13+01.15	24.757	637610.8310	617283.0471	
88088	13+01.24	24.616	637610.9770	617282.9673	
88089	13+02.23	24.565	637611.8661	617283.4123	
88090	13+02.45	24.753	637611.9620	617283.6828	
88091	13+11.16	19.724	637622.0257	617283.6031	
88092	13+11.18	24.724	637619.5743	617287.9609	
88093	13+84.17	37.528	637676.7755	617335.0694	
88094	13+85.06	37.528	637677.5552	617335.5109	
88095	13+87.29	31.371	637682.5277	617331.2515	
88096	13+89.03	36.060	637681.7278	617336.1871	
88097	13+89.16	30.677	637684.5019	617331.5715	
88098	13+90.90	35.366	637683.7020	617336.5071	
88099	13+91.14	35.277	637683.9548	617336.5481	
88100	10+18.75	21.675	637366.6170	617141.2007	
88101	10+48.45	19.341	637393.6134	617153.8075	

ADDENDA / REVISIONS



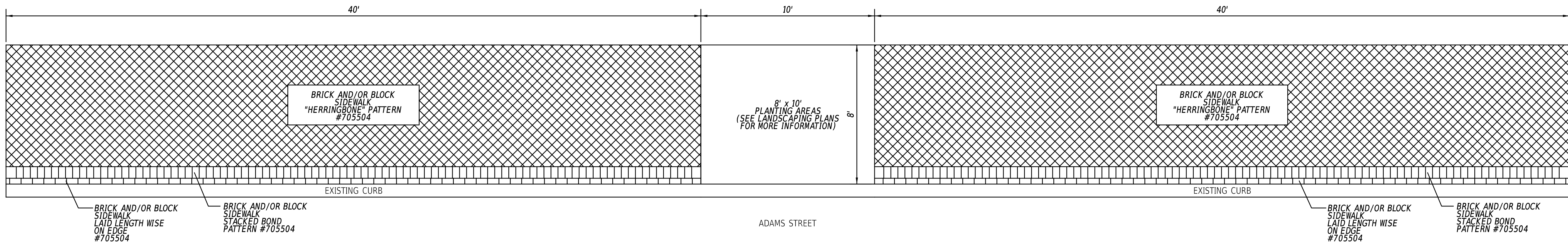
**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

**GRADES AND
GEOMETRICS**

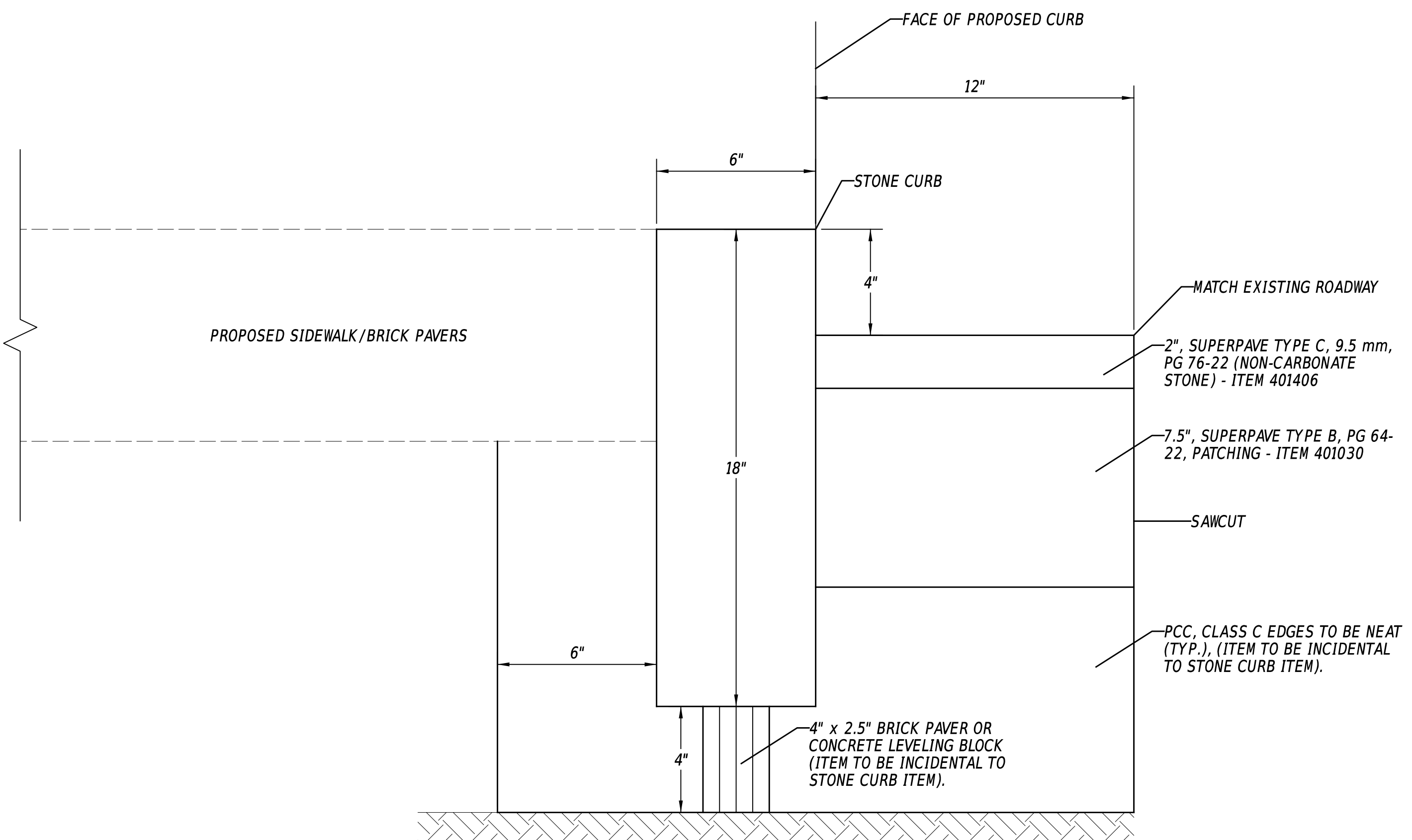
GG-08

SECTION
JMT
SHEET NO.
23



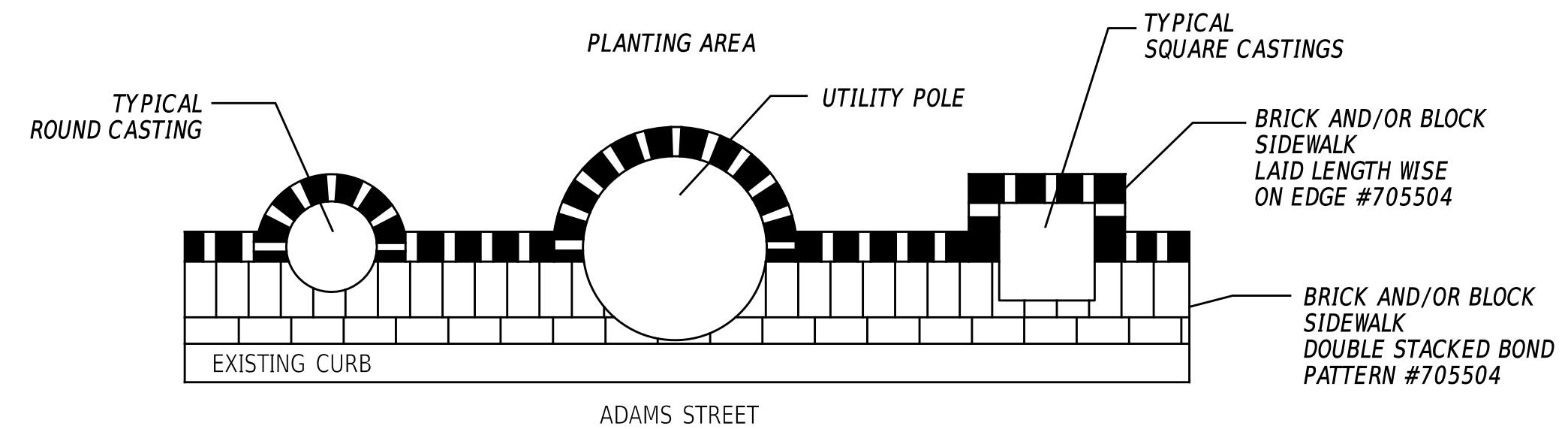
TYPICAL SIDEWALK BRICK PATTERN

NOT TO SCALE



STONE CURB - ITEM 701502

NOT TO SCALE



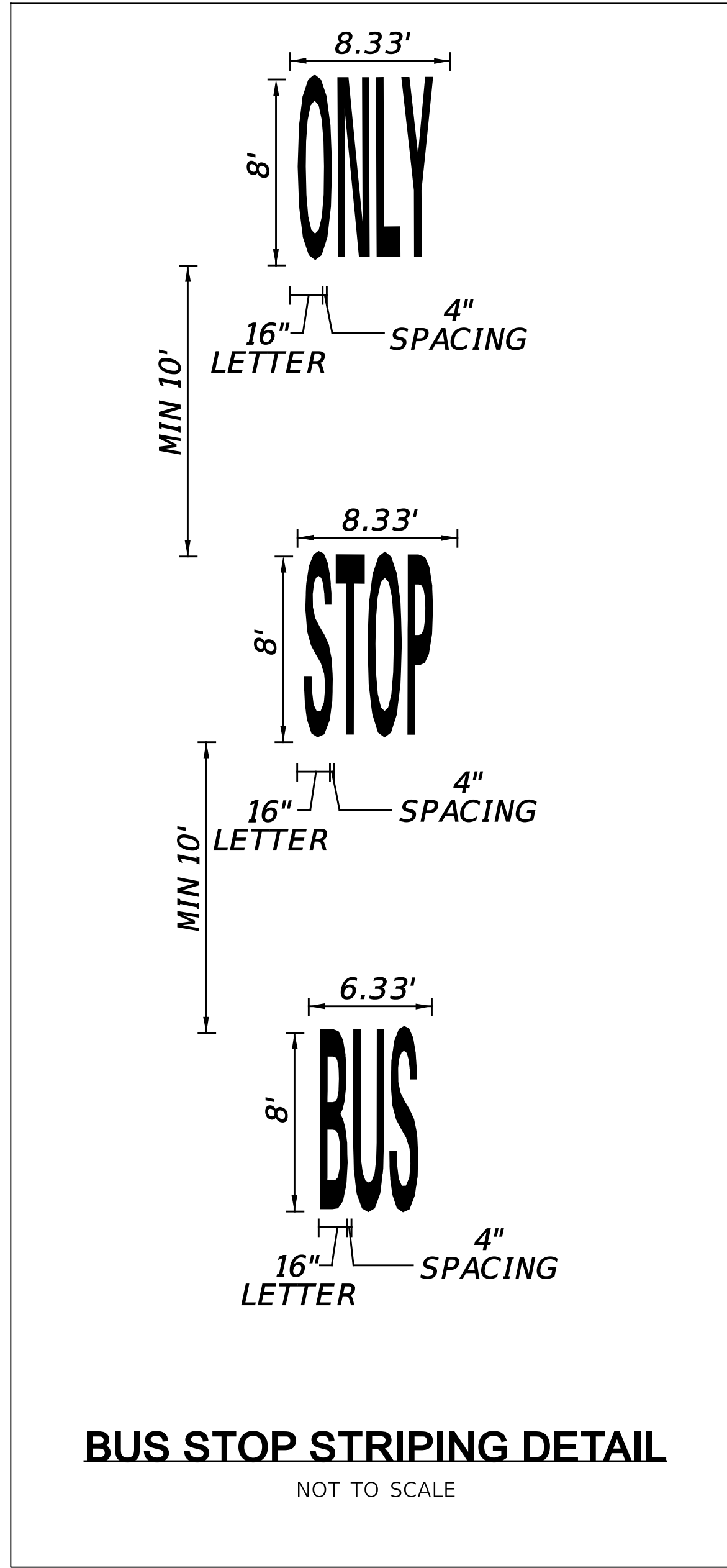
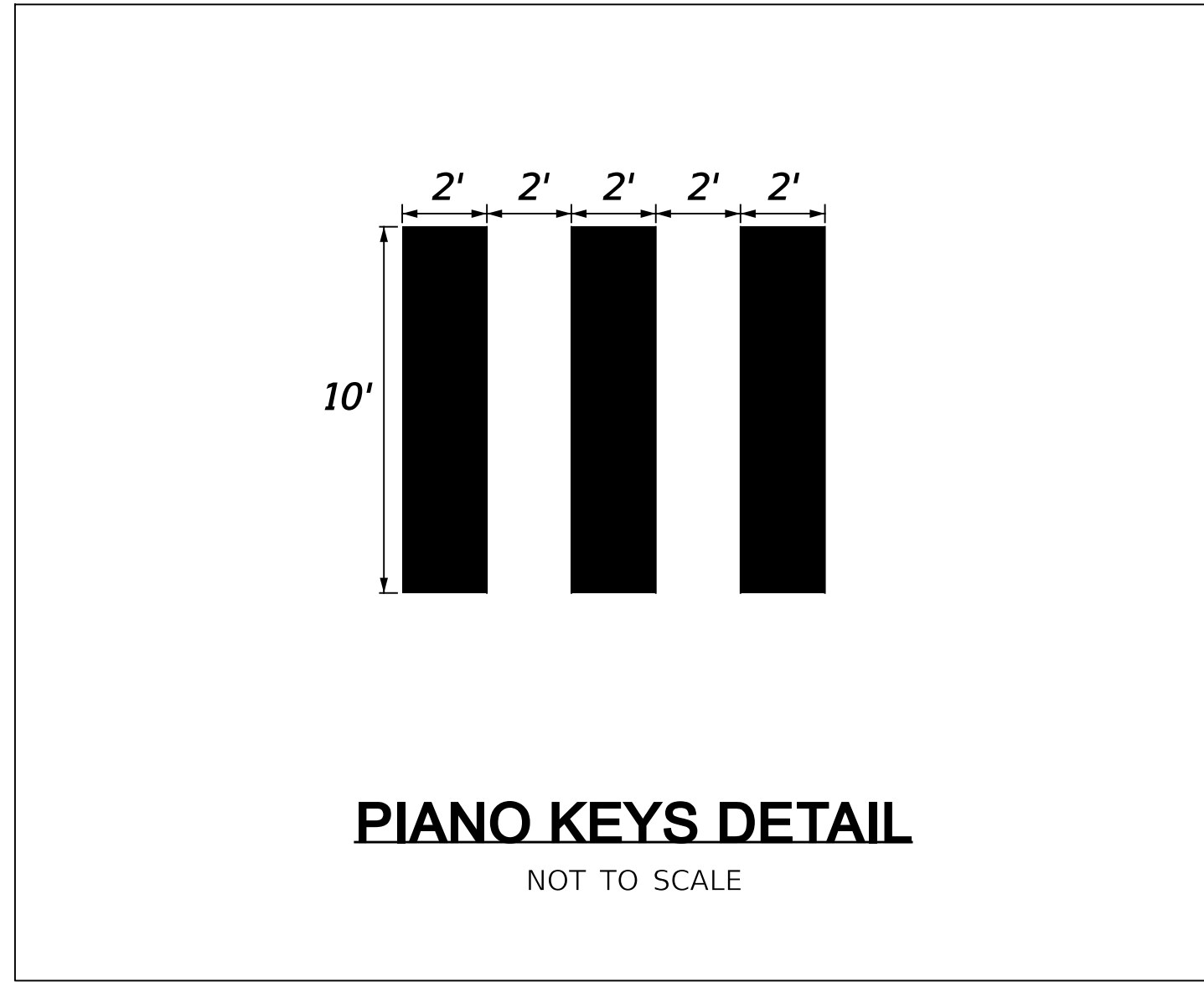
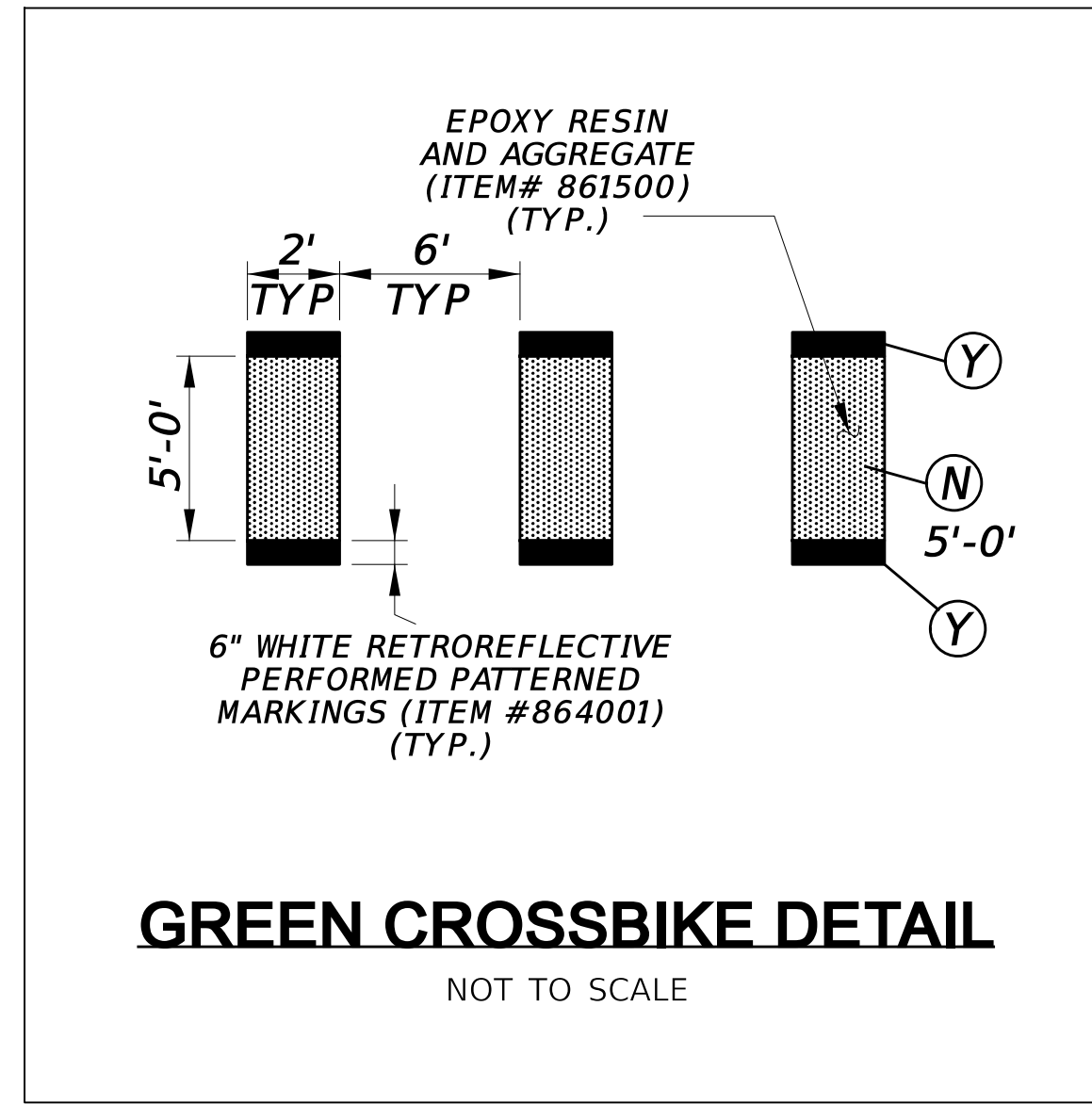
TYPICAL BRICK CURB LAYOUT FOR UTILITIES

NOT TO SCALE

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ADDENDA / REVISIONS		NOT TO SCALE	ADAMS STREET SIDEWALK IMPROVEMENTS	CONTRACT	BRIDGE NO.	N/A	CONSTRUCTION DETAILS	SECTION
				T202301103	DESIGNED BY:	J.IORIO		JMT
				COUNTY	CHECKED BY:	B.DOUGHERTY		SHEET NO.
				NEW CASTLE				24

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ADDENDA / REVISIONS	

NOT TO SCALE

**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

CONSTRUCTION DETAILS	SECTION
	JMT
	SHEET NO.
	25

GENERAL MOT NOTES

1. MAINTENANCE OF TRAFFIC DURING LANE CLOSURES AND LANE SHIFTS SHALL CONFORM TO TYPICAL APPLICATION 3A, 21, 21A, 23, AND 35B OF THE DELAWARE MUTCD.
2. AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED TRAFFIC CONTROL SUPERVISOR REQUIREMENT FOR THIS PROJECT.

()	THE CONTRACTOR SHALL NOT BE REQUIRED TO HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT.
(X)	THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT AND THAT PERSON'S SOLE RESPONSIBILITY SHALL BE THE MANAGEMENT AND SUPERVISION OF THE PROJECT'S TEMPORARY TRAFFIC CONTROL ACTIVITIES. THIS PERSON SHALL NOT HAVE ANY OTHER ROLE ON THE PROJECT. RESPONSIBILITIES AND REQUIREMENTS OF THE ATSSA SUPERVISOR ARE DEFINED IN SECTION 812 OF THE STANDARD SPECIFICATIONS. PAYMENT FOR ATSSA SUPERVISOR IS INCIDENTAL TO ITEM 801000.

3. 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, POT HOLE 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.

4. ACCEPTABLE MATERIALS FOR TEMPORARY PEDESTRIAN PATHS SHALL INCLUDE CONCRETE, HOT-MIX, COMPACTED MILLINGS OR PLYWOOD WALKWAY STRUCTURE. PLYWOOD WALKWAY STRUCTURES SHALL ALSO INCLUDE DETECTABLE EDGING AND RAILINGS IN ACCORDANCE WITH ADA GUIDELINES AND THE DELAWARE MUTCD. TEMPORARY PEDESTRIAN PATHS SHALL BE INCIDENTAL TO ITEM 801000 UNLESS OTHERWISE SPECIFIED IN THE PLANS. STONE OR GRADED AGGREGATE BASE COURSE SHALL NOT BE USED FOR TEMPORARY PEDESTRIAN PATHS. SEE STANDARD CONSTRUCTION DETAIL M-13 FOR MORE INFORMATION.
5. ALL NECESSARY SIGNS, PAVEMENT MARKINGS AND ROADSIDE APPURTENANCES SHALL BE INSTALLED PRIOR TO THE OPENING/REOPENING OF A ROADWAY OR RAMP. A WALKTHROUGH WITH THE ENGINEER, TRAFFIC SAFETY, TRAFFIC CONSTRUCTION AND OTHER PERSONNEL SHALL OCCUR NO LESS THAN 48 HOURS PRIOR TO THE OPENING/REOPENING OF ANY ROAD OR RAMP.
6. MAINTAIN ANY EXISTING PEDESTRIAN FACILITIES AT ALL TIMES UNTIL NEW PEDESTRIAN FACILITIES ARE INSTALLED OR ACTIVE. IF PEDESTRIAN FACILITIES CAN NOT BE MAINTAINED AT THEIR CURRENT ACCESSIBILITY AND DETECTABILITY DURING CONSTRUCTION, PROVIDE PEDESTRIAN FLAGGERS, AN APPROVED PEDESTRIAN DETOUR, OR AN APPROVED TEMPORARY PEDESTRIAN FACILITY, TO GUIDE PEDESTRIANS THROUGH OR AROUND THE WORK ZONE.
7. INSTALL TYPE III BARRICADES WITH SIDEWALK CLOSED OR SHARED USE PATH CLOSED SIGNS ON ALL NEW SIDEWALK OR SHARED USE PATH UNTIL IT IS OPEN TO THE PUBLIC.
8. INSTALL W11-1-DE "BICYCLE IN LANE" SIGN ON ALL APPROACHES OF THE INTERSECTION WHERE BICYCLE TRAFFIC IS IMPACTED.
9. UNLESS NOTED ELSEWHERE THE FOLLOWING LANE CLOSURE MATRICES INDICATES THE ALLOWABLE WORK TIMES FOR TRAVEL AND TURN LANE CLOSURES ON ALL ROADS WITHIN THE PROJECT LIMITS.

	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 TRAVEL LANE PERMITTED TO BE CLOSED
 NO TRAVEL OR TURN LANE CLOSURES PERMITTED

GENERAL MOT NOTES (CONTINUED)

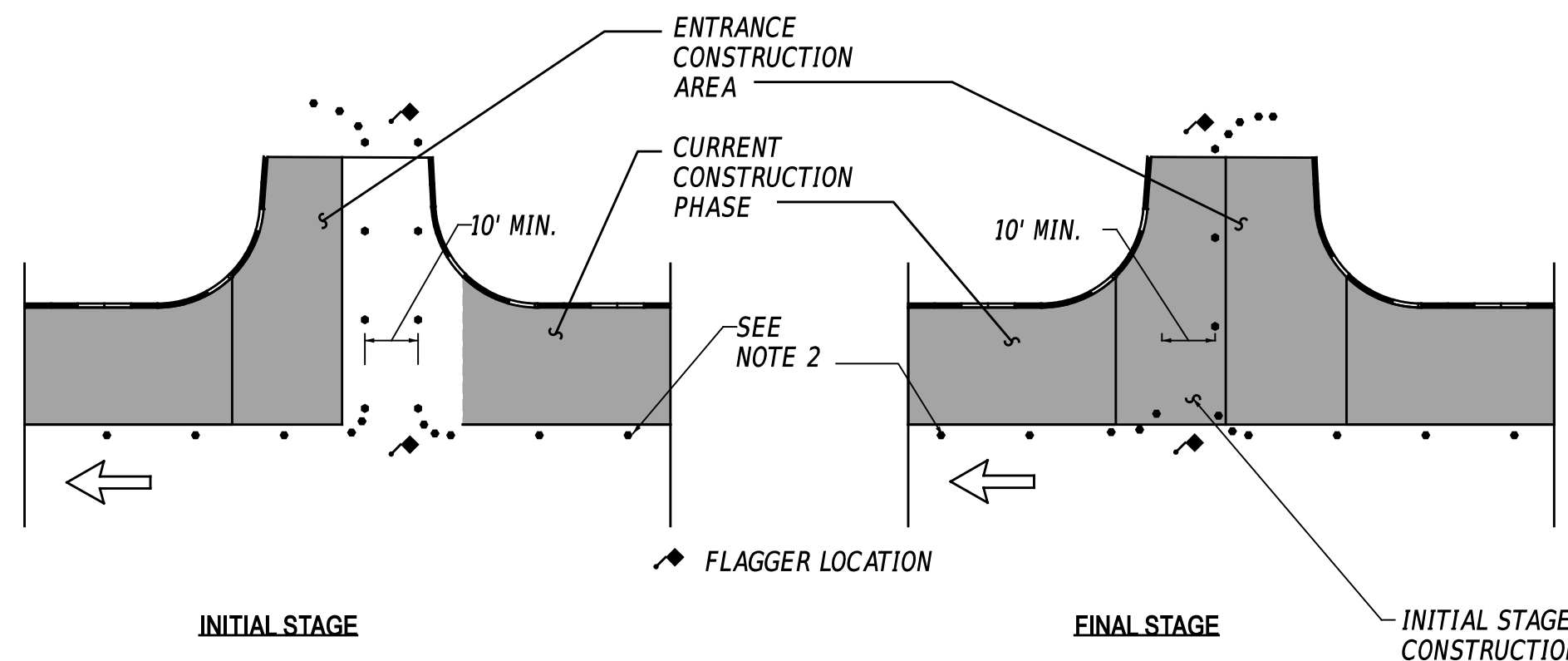
ALLOWABLE LANE CLOSURES ALONG NB I-95 OFF RAMP AT 9TH STREET

	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 TRAVEL LANE PERMITTED TO BE CLOSED
 NO TRAVEL OR TURN LANE CLOSURES PERMITTED

GUIDELINES FOR THE USE OF TRAFFIC OFFICERS

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



**TYPICAL DRIVEWAY/ ENTRANCE RECONSTRUCTION
NOT TO SCALE**

NOTES:

1. USE TRAFFIC CONTROL DEVICES AS SHOWN TO CONSTRUCT DRIVEWAYS AND ENTRANCES IN HALVES WITH FLAGGER CONTROL. RESET TRAFFIC CONTROL DEVICES TO MAIN PHASE AT THE END OF EACH WORKDAY.
2. PLACE DRUMS TO ACCOMMODATE THE DESIGN VEHICLE EXPECTED TO USE THE ENTRANCE. PROVIDE A MINIMUM 10' DRIVE AISLE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. DEPENDING ON ENTRANCE TRAFFIC VOLUMES AND OTHER SITE CONDITIONS IN THE VICINITY, THE NUMBER OF FLAGGERS USED DURING ENTRANCE CONSTRUCTION ACTIVITIES MAY BE REDUCED FROM 2 TO 1, SUBJECT TO APPROVAL OF DELDOT'S SAFETY OFFICER OR DESIGNEE.
4. PLACE TRAFFIC CONTROL DEVICES ALONG MAINLINE ROADWAY AS SHOWN ON CONSTRUCTION PHASING PLANS.

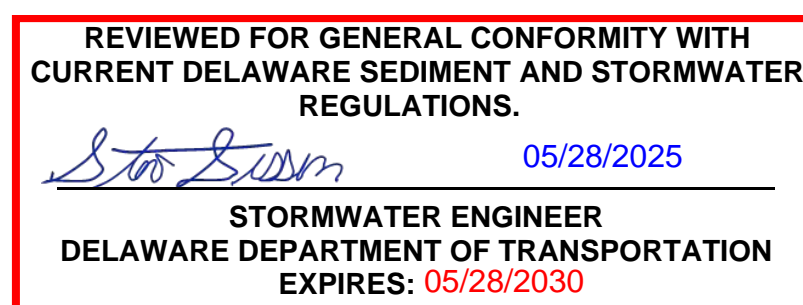
CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW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

GENERAL E&S SEQUENCE NOTES (FOR ALL PHASES)

- POST NOI PERMIT COVERAGE SO THAT IT IS VISIBLE IN CLOSE PROXIMITY TO THE CONSTRUCTION SITE AS DIRECTED BY THE ENGINEER. THE NOTICE MUST BE IN ACCORDANCE WITH DELDOT GUIDANCE.
- INSTALL ALL PERIMETER E&S ITEMS AND SENSITIVE AREA PROTECTIONS PRIOR TO ANY LAND DISTURBING ACTIVITIES. THE ONLY LAND DISTURBANCE ALLOWABLE IS WHAT IS NECESSARY TO INSTALL THE PERIMETER E&S ITEMS.
- ESTABLISH CONSTRUCTION STAGING AREAS AND INSTALL E&S CONTROLS.
- ONCE PERIMETER E&S CONTROLS ARE INSTALLED, THEY SHALL BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE ANY OTHER LAND DISTURBING ACTIVITIES CAN BEGIN.
- INTERIOR EROSION AND SEDIMENT CONTROL ITEMS SHALL BE PLACED AS PER PLAN.
- PRIOR TO COMMENCING A NEW PHASE OF CONSTRUCTION, APPROVAL IS REQUIRED FROM THE ENGINEER THAT THE AREAS WITHIN THE PREVIOUS PHASE HAVE BEEN SUFFICIENTLY STABILIZED.
- COMPLETE PERMANENT STABILIZATION WITHIN SEVEN (7) CALENDAR DAYS UPON REACHING FINAL GRADE.
- DO NOT REMOVE E&S DEVICES UNLESS DIRECTED BY THE ENGINEER.

GENERAL EROSION AND SEDIMENT CONTROL (E&S) NOTES

- THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. PLAN APPROVAL IS VALID FOR FIVE-YEAR PERIOD BEGINNING ON THE DATE OF THE STORMWATER ENGINEER'S SIGNATURE. ANY DEVIATIONS TO THE SWPPP NEED APPROVAL FROM THE ENGINEER.



AMOUNT OF DISTURBED AREA FOR THE PROJECT	1.1 AC
ADDED IMPERVIOUS FOR THE PROJECT	6,970 SF (0.16 AC)
HUC-10 WATERSHED	CHRISTINA RIVER

- 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 DESCRIBED 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.
- 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.
- PER SIDEWALK, TRAIL, OR OTHER LINEAR IMPERVIOUS SURFACES STANDARD PLAN APPROVAL, NO MORE THAN 1.0 ACRES MAY BE DISTURBED AT ANY TIME. FURTHER DISTURBANCE MAY NOT PROCEED UNTIL TEMPORARY OR PERMANENT STABILIZATION OF THE PREVIOUSLY DISTURBED AREA IS COMPLETED TO THE SATISFACTION OF AND AS APPROVED BY THE ENGINEER.

EROSION & SEDIMENT CONTROL	
	COMPOST FILTER LOG
	COMPOST FILTER LOG / LENGTH
	DEWATERING BAG
	DEWATERING BASIN
	EARTH DIKE
	INLET SEDIMENT CONTROL
	PERIMETER DIKE/SWALE
	PORTABLE SEDIMENT TANK
	SANDBAG DIKE
	SANDBAG DIVERSION
	STONE CHECK DAM
	STABILIZED CONSTRUCTION ENTRANCE
	SILT FENCE / LENGTH
	SILT FENCE
	REINFORCED SILT FENCE / LENGTH
	REINFORCED SILT FENCE
	SUPER SILT FENCE / LENGTH
	SUPER SILT FENCE
	SUMP PIT
	SEDIMENT TRAP / NUMBER
	SEDIMENT TRAP
	SEDIMENT TRAP WITH INLET AS OUTLET
	SEDIMENT TRAP PIPE OUTLET
	STILLING WELL
	TEMPORARY SWALE
	TEMPORARY SLOPE DRAIN
	TURBIDITY CURTAIN / LENGTH
	TURBIDITY CURTAIN

ADDENDA / REVISIONS

NOT TO SCALE

ADAMS STREET SIDEWALK IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN

SECTION
JMT
SHEET NO.
27

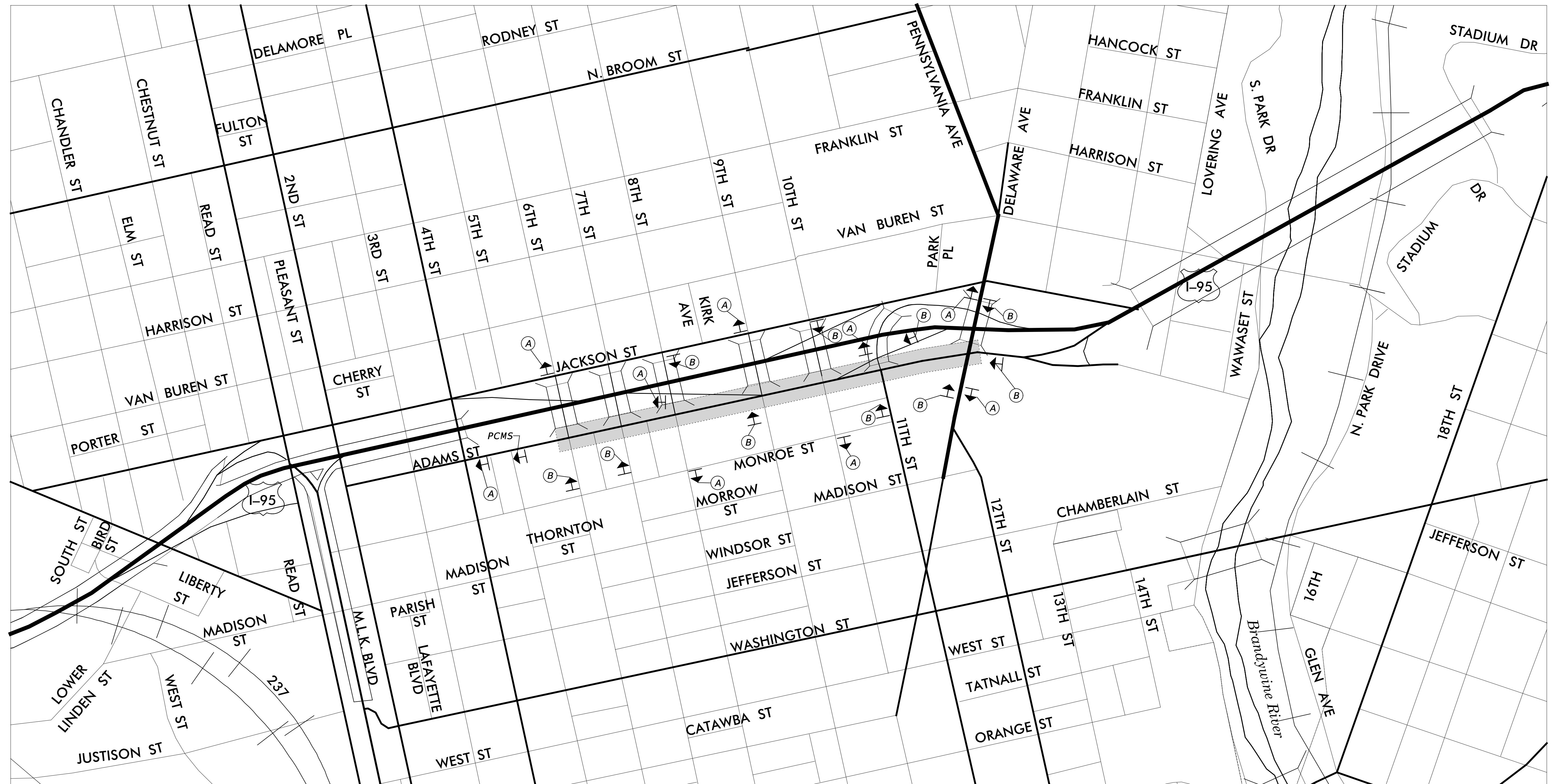
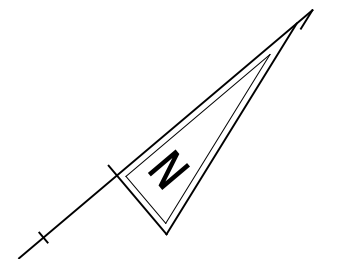


W20-1F
48" x 48"
A



G20-2A
48" x 24"
B

- NOTES:
1. PLACE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) 10 DAYS PRIOR AND 5 DAYS AFTER THE BEGINNING OF WORK ALONG ADAMS STREET. THE MESSAGE SHALL READ "ROAD WORK STARTING XX//XXXX EXPECT DELAYS" PRIOR TO CONSTRUCTION AND SHALL READ "ROAD WORK AHEAD EXPECT DELAYS" DURING CONSTRUCTION. THE ACTUAL MESSAGES ON THE CHANGEABLE MESSAGE SIGNS SHALL BE COORDINATED THROUGH THE DISTRICT SAFETY OFFICER.
 2. SEE INDIVIDUAL PHASING PLANS FOR PLACEMENT OF TEMPORARY WARNING SIGNS. FINAL LOCATION OF ALL PERMANENT WARNING SIGNS SHALL BE COORDINATED WITH THE ENGINEER.
 2. ALL WARNING SIGNS SHOWN ON THIS SHEET ARE TO BE DISPLAYED THROUGHOUT THE DURATION OF THE CONTRACT AND ARE TO BE PAID FOR UNDER ITEM 810001 - TEMPORARY WARNING SIGNS AND PLAQUES.
 3. ANY EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WARNING SIGNS SHALL BE COVERED AS NEEDED. AS DIRECTED BY THE ENGINEER.



ADVANCED WARNING SIGNS

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NOT TO SCALE

ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.LORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN

SECTION
JMT
SHEET NO.
28

PHASE 1 - SEQUENCE OF CONSTRUCTION

1. PLACE ALL PERMANENT WARNING SIGNS AS SHOWN ON THE CONSTRUCTION PHASING, MOT, AND EROSION CONTROL SHEETS.
2. STAGE 1: SOUTHWEST CORNER OF 6TH STREET/ADAMS STREET INTERSECTION
 - a. DETOUR PEDESTRIANS UTILIZING PEDESTRIAN DETOUR PLAN F.
 - b. PLACE TEMPORARY WARNING SIGNS, STRIPING, AND TRAFFIC CONTROL DEVICES TO CLOSE THE LEFT LANE ON ADAMS STREET FROM 5TH STREET TO 8TH STREET UTILIZING TA-21 OF THE DELAWARE MUTCD.
 - c. INSTALL EROSION AND SEDIMENT CONTROL PERIMETER CONTROL MEASURES AS NOTED IN THE PLANS FOR PHASE 1. AS NEEDED FOR CONSTRUCTION, PERFORM LANE CLOSURES ON 6TH STREET UTILIZING TA-21 OF THE DELAWARE MUTCD.
 - d. CLEAR AND GRUB AS NECESSARY AND STOCKPILE TOPSOIL.
 - e. SAWCUT AND REMOVE EXISTING CURB AND PAVEMENT. INSTALL SIGNALIZATION UPGRADES, GABC, CURB, SHARED-USE PATH, PEDESTRIAN CONNECTIONS, BRICK, AND SIDEWALK. ACTIVATE PEDESTRIAN SIGNAL FOR ADAMS STREET CROSSING, BAG PEDESTRIAN SIGNAL FOR 6TH STREET CROSSING.
 - f. INSTALL PROPOSED ASPHALT PATCHING UP TO THE TOP OF THE "C" COURSE.
 - g. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL, SEED, AND MULCH.
3. STAGE 2: WEST SIDE OF ADAMS STREET BETWEEN 6TH STREET AND 8TH STREET
 - a. AFTER COMPLETION OF STAGE 1 WORK, REMOVE STAGE 1 PEDESTRIAN DETOUR.
 - b. DETOUR PEDESTRIANS UTILIZING PEDESTRIAN DETOUR G.
 - c. MAINTAIN STAGE 1 WARNING SIGNS, STRIPING, AND TRAFFIC CONTROL DEVICES TO CLOSE THE LEFT LANE ON ADAMS STREET FROM 5TH STREET TO 8TH STREET.
 - d. MAINTAIN EROSION AND SEDIMENT CONTROL PERIMETER CONTROLS INSTALLED IN STAGE 1.
 - e. CLEAR AND GRUB AS NECESSARY AND STOCKPILE TOPSOIL. AS NEEDED FOR CONSTRUCTION, PERFORM LANE CLOSURE ON 6TH STREET AND 8TH STREET UTILIZING TA-21 OF THE DELAWARE MUTCD.
 - f. SAWCUT AND REMOVE EXISTING CURB AND PAVEMENT AS NOTED ON THE CONSTRUCTION PLANS. INSTALL SIGNALIZATION UPGRADES, GABC, PEDESTRIAN CONNECTIONS, CURB, SHARED USE PATH AND BRICK BUFFERS.
 - g. INSTALL PROPOSED ASPHALT PATCHING UP TO THE TOP OF THE "C" COURSE.
 - h. STABILIZE ALL AREAS WITH TOPSOIL, SEED, AND MULCH.
4. STAGE 3: WEST SIDE OF ADAMS STREET BETWEEN 9TH AND 10TH STREET, EAST SIDE OF ADAMS STREET BETWEEN 11TH STREET AND DELAWARE AVENUE INCLUDING THE SE CORNER OF THE DELAWARE AVENUE INTERSECTION.
 - a. RELOCATE THE DART BUS STOP ON DELAWARE AVENUE AS SHOWN ON THE PLAN FOR PHASE 1 STAGE 3. THE CONTRACTOR IS TO NOTIFY DART FIRST STATE VIA EMAIL AT DOT_DETOURS@DELAWARE.GOV 3 WEEKS PRIOR TO THE STOP RELOCATION TO NOTIFY DART OF THE RELOCATION.
 - b. AFTER COMPLETION OF STAGE 2 WORK, REMOVE STAGE 2 PEDESTRIAN DETOUR.
 - c. TEMPORARILY RELOCATE BUS STOP ON DELAWARE AVENUE AS SHOWN.
 - d. DETOUR PEDESTRIANS UTILIZING PEDESTRIAN DETOUR H.
 - e. AS NEEDED FOR STAGE 3 CONSTRUCTION, CLOSE THE LEFT LANE OF THE I-95 RAMP UTILIZING TA-21 OF THE MUTCD. I-95 RAMP LANE CLOSURES ARE ONLY PERMITTED ON WEEKENDS, AS PRESCRIBED IN THE ALLOWABLE LANE CLOSURE CHART AND WITH THE APPROVAL OF THE ENGINEER.
 - f. REMOVE ON-STREET PARKING FROM ADAMS STREET BETWEEN 9TH AND 10TH STREET AND PLACE TEMPORARY WARNING SIGNS, STRIPING, AND TRAFFIC CONTROL DEVICES AS SHOWN ON THE PHASING PLANS.
 - g. MAINTAIN EROSION AND SEDIMENT CONTROL PERIMETER CONTROL MEASURES AS NOTED IN THE PLANS FOR PHASE 1.
 - h. CLEAR AND GRUB AS NECESSARY AND STOCKPILE TOPSOIL.
 - i. SAWCUT AND REMOVE EXISTING CURB AND PAVEMENT. INSTALL SIGNALIZATION UPGRADES, GABC, CURB, PEDESTRIAN CONNECTIONS, BRICK, AND SIDEWALK.
 - j. INSTALL PROPOSED ASPHALT PATCHING UP TO THE TOP OF THE "C" COURSE.
 - k. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL, SEED, AND MULCH.
5. AFTER VEGETATION HAS STABILIZED ALL DISTURBED AREAS IN ACCORDANCE WITH THESE PLANS AND AS DIRECTED BY THE STORMWATER ENGINEER, REMOVE SEDIMENT CONTROL DEVICES.

NOTE:
DISINCENTIVES WILL BE UTILIZED FOR WEEKEND WORK PERIODS NOTED IN THE SEQUENCE OF CONSTRUCTION.

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	NOT TO SCALE	ADAMS STREET SIDEWALK IMPROVEMENTS	<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;">N/A</td> </tr> <tr> <td style="font-size: small;">T202301103</td> <td style="font-size: small;">DESIGNED BY:</td> <td>J.IORIO</td> </tr> <tr> <td style="font-size: small;">COUNTY</td> <td style="font-size: small;">CHECKED BY:</td> <td>B.DOUGHERTY</td> </tr> <tr> <td style="font-size: small;">NEW CASTLE</td> <td></td> <td></td> </tr> </table>	CONTRACT	BRIDGE NO.	N/A	T202301103	DESIGNED BY:	J.IORIO	COUNTY	CHECKED BY:	B.DOUGHERTY	NEW CASTLE			CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">SECTION</td> </tr> <tr> <td style="text-align: center;">JMT</td> </tr> <tr> <td style="font-size: small;">SHEET NO.</td> </tr> <tr> <td style="text-align: center;">29</td> </tr> </table>	SECTION	JMT	SHEET NO.	29
CONTRACT	BRIDGE NO.	N/A																			
T202301103	DESIGNED BY:	J.IORIO																			
COUNTY	CHECKED BY:	B.DOUGHERTY																			
NEW CASTLE																					
SECTION																					
JMT																					
SHEET NO.																					
29																					

MAINTENANCE OF TRAFFIC LEGEND

PLASTIC DRUMS



PORTABLE P.C.C. SAFETY BARRIER

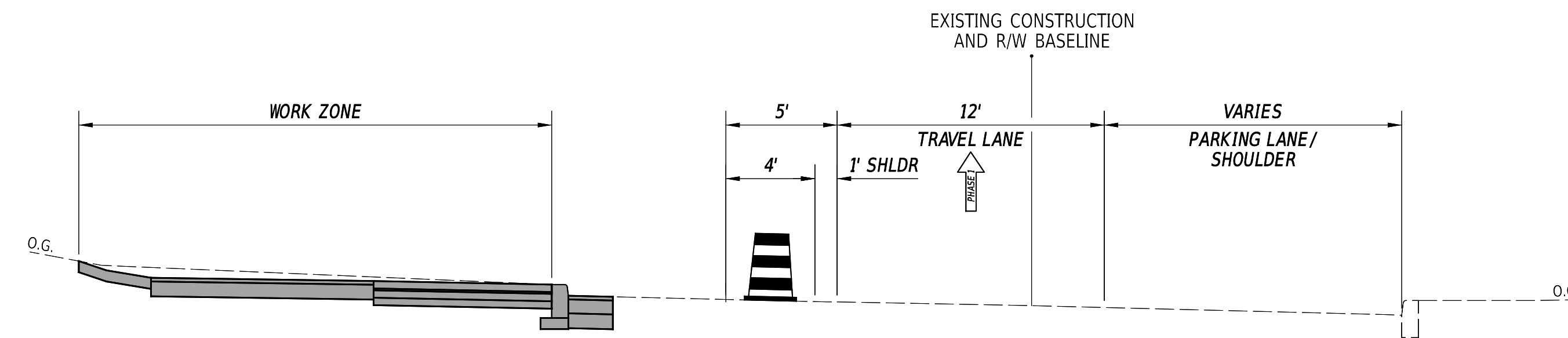
SECTION TO BE CONSTRUCTED IN PHASE

SECTION CONSTRUCTED IN PREVIOUS PHASE(S)

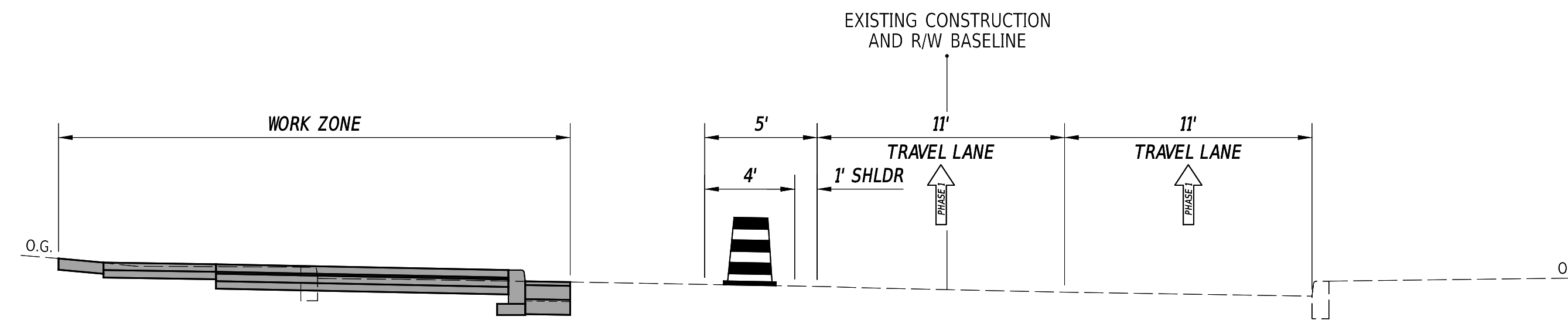
TRAFFIC DIRECTION ARROW

- (A) EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" SOLID (ITEM 861008)
- (B) EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" DASHED - 2' LINE & 6' GAP (ITEM 861008)
- (C) ALKYD -THERMOPLASTIC PAVEMENT STRIPING WHITE SYBMOL/LEGEND (ITEM 863005)
- (D) EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" BROKEN - 10' LINE & 30' GAP (ITEM 861008)
- (E) EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 4" SOLID (ITEM 861008)
- (F) ALKYD -THERMOPLASTIC PAVEMENT STRIPING WHITE 16" SOLID (ITEM 862005)

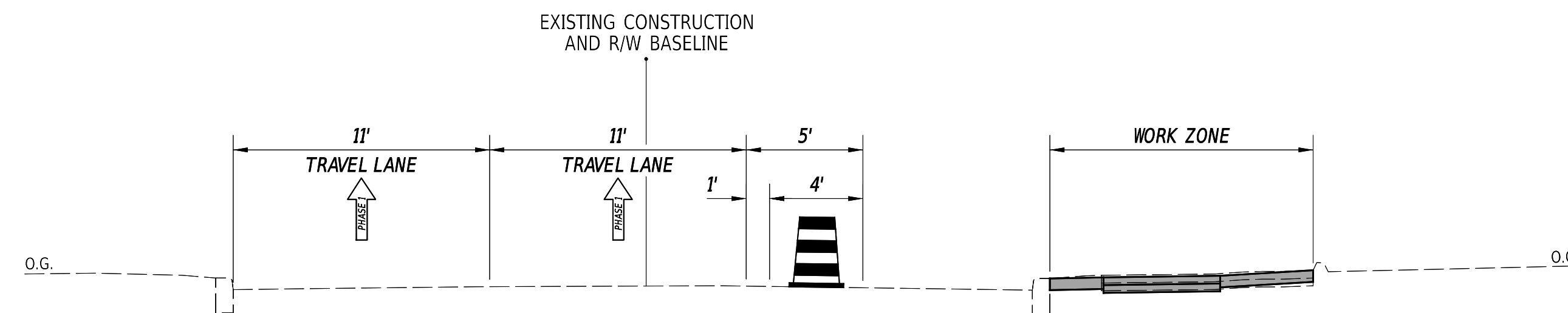
NOTE: MARKING TYPE SHALL MATCH PLAN SHEET SPECIFICATION



PHASE 1 - STAGE 1 & 2
STA. 103+00 TO STA. 111+26



PHASE 1 - STAGE 3
STA. 115+00 TO STA. 119+90



PHASE 1 - STAGE 3
STA. 115+00 TO STA. 119+90

ADDENDA / REVISIONS

NOT TO SCALE

**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT
T202301103
COUNTY
NEW CASTLE

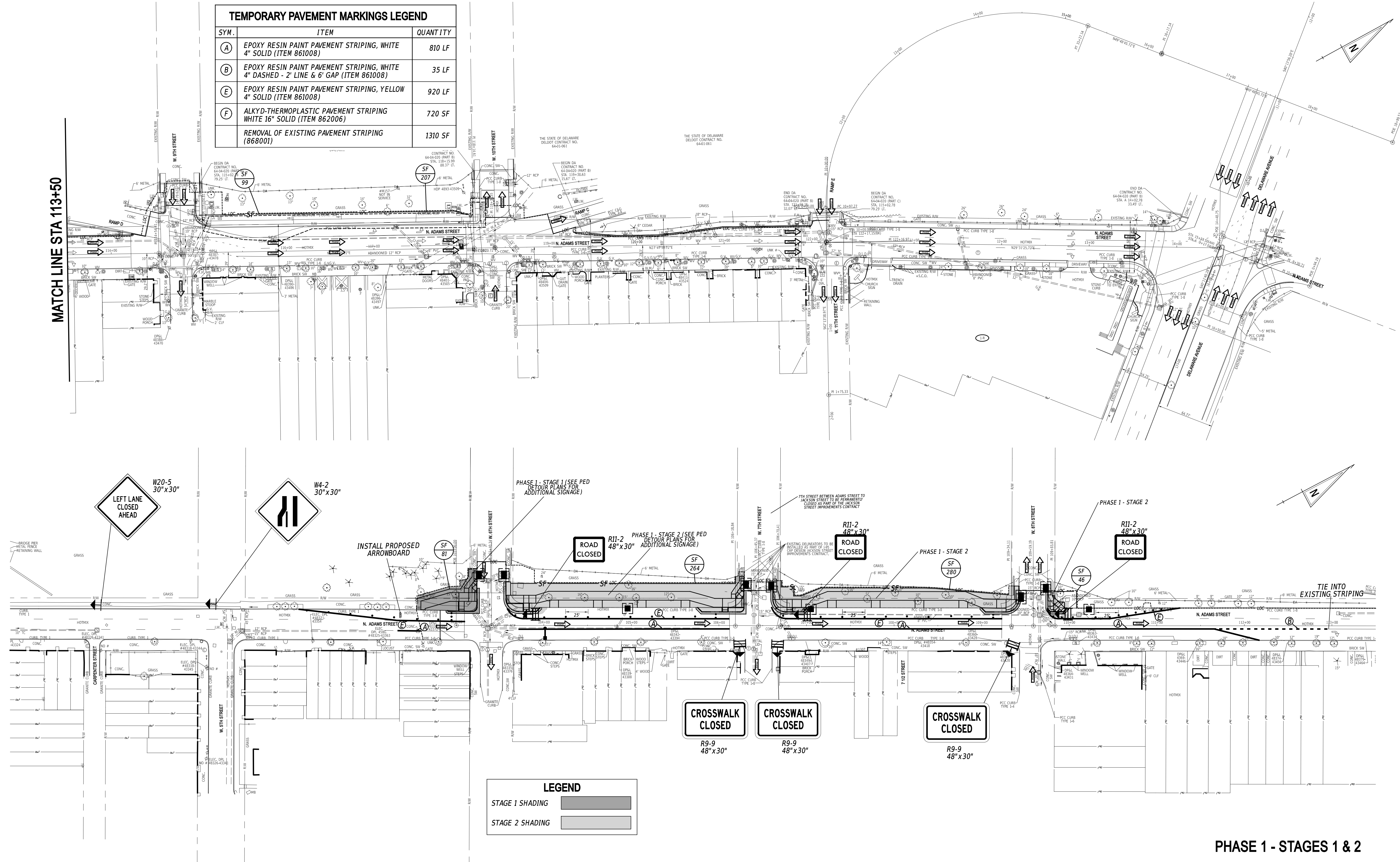
BRIDGE NO. N/A
DESIGNED BY: J.IORIO
CHECKED BY: B.DOUGHERTY

**CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN**

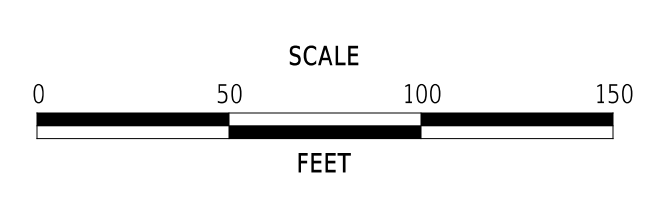
SECTION
JMT
SHEET NO.
30

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYM.	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" SOLID (ITEM 861008)	810 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" DASHED - 2' LINE & 6' GAP (ITEM 861008)	35 LF
(E)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 4" SOLID (ITEM 861008)	920 LF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING WHITE 16" SOLID (ITEM 862006)	720 SF
	REMOVAL OF EXISTING PAVEMENT STRIPING (868001)	1310 SF

MATCH LINE STA 113+50



LEGEND	
STAGE 1 SHADING	[Light Gray Box]
STAGE 2 SHADING	[Dark Gray Box]



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	T202301103	BRIDGE NO.	N/A
COUNTY	NEW CASTLE	DESIGNED BY:	J. IORIO
		CHECKED BY:	B. DOUGHERTY

PHASE 1 - STAGES 1 & 2

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1
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SECTION	JMT
SHEET NO.	31

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TEMPORARY PAVEMENT MARKINGS LEGEND

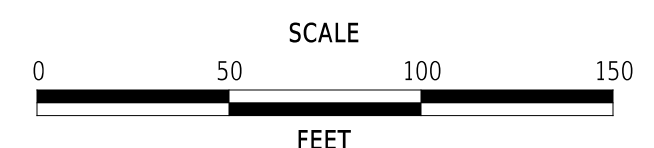
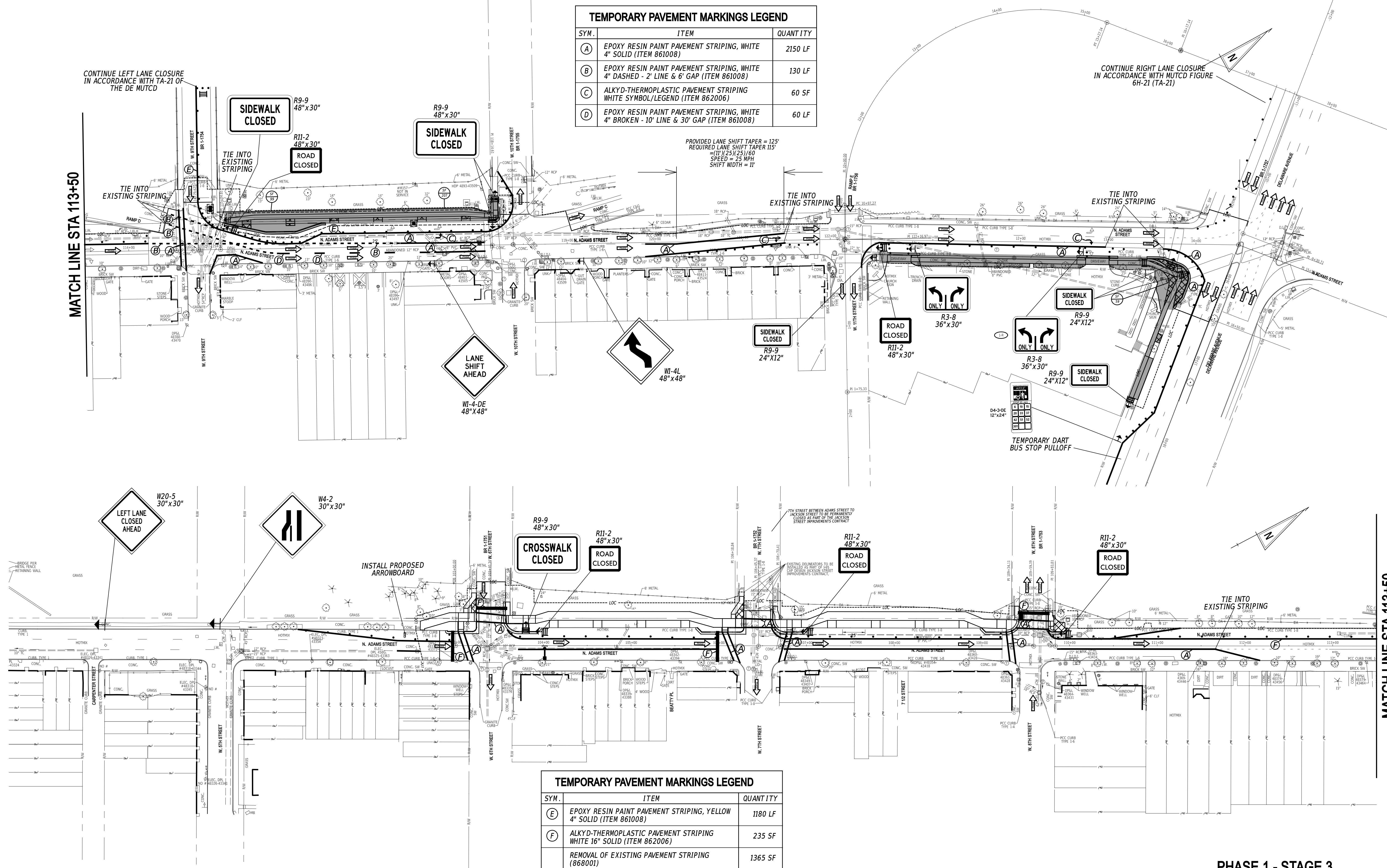
SYM.	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" SOLID (ITEM 861008)	2150 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" DASHED - 2' LINE & 6' GAP (ITEM 861008)	130 LF
(C)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING WHITE SYMBOL/LEGEND (ITEM 862006)	60 SF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" BROKEN - 10' LINE & 30' GAP (ITEM 861008)	60 LF

TEMPORARY PAVEMENT MARKINGS LEGEND

SYM.	ITEM	QUANTITY
(E)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 4" SOLID (ITEM 861008)	1180 LF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING WHITE 16" SOLID (ITEM 862006)	235 SF
	REMOVAL OF EXISTING PAVEMENT STRIPING (868001)	1365 SF

MATCH LINE STA 113+50

MATCH LINE STA 113+50



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	T202301103	BRIDGE NO.	N/A
COUNTY	NEW CASTLE	DESIGNED BY:	J.IORIO
		CHECKED BY:	B.DOUGHERTY

PHASE 1 - STAGE 3

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

SECTION	JMT
SHEET NO.	32

PHASE 2 - SEQUENCE OF CONSTRUCTION

1. COORDINATE WITH BUSINESS OWNERS AND RESIDENTS AND PERFORM IMPROVEMENTS NEAR RESIDENTIAL AND COMMERCIAL ENTRANCES DURING OFF-PEAK BUSINESS HOURS AS DIRECTED BY THE ENGINEER. INSTALL TEMPORARY MATERIAL OR STEEL PLATES TO REOPEN UNFINISHED ENTRANCES AT END OF SHIFT. UTILIZE PCBs TO ROUTE PEDESTRIANS THROUGH WORK AREAS AS NEEDED.
2. MAINTAIN ALL PERMANENT WARNING SIGNS AS SHOWN ON THE CONSTRUCTION PHASING, MOT AND EROSION CONTROL SHEETS AND INSTALLED IN PHASE 1.
3. INSTALL EROSION AND SEDIMENT CONTROL PERIMETER CONTROL MEASURES AS NOTED IN THE PLANS FOR PHASE 2. MAINT THE MEASURES THROUGHOUT PHASE 2 OPERATIONS.
4. AFTER THE COMPLETION OF PHASE ONE AND BEFORE THE COMMENCEMENT OF PHASE 2 STAGE 1, INSTALL PROPOSED DRAINAGE PIPES, INLETS AND MANHOLES UTILIZING TA-21 OF THE DELAWARE MUTCD. LANE CLOSURES ARE ONLY ALLOWED DURING THE TIMES SPECIFIED IN THE ALLOWABLE LANE CLOSURE CHART.
5. WHEN THE PEDESTRIAN CROSSING OF 6TH, 7TH, 8TH, 9TH, AND 10TH STREET ON THE EASTERN SIDE OF ADAMS STREET ARE NOT OPERATIONAL DUE TO LACK OF PEDESTRIAN SIGNALIZATION OR OTHER CONSTRUCTION ACTIVITY, INSTALL PEDESTRIAN DETOUR PLAN J, K, L, M, OR N.
6. STAGE 1: EASTERN SIDEWALK/CURB EXTENSIONS BETWEEN 9TH STREET AND NORTH OF 11TH STREET.
 - a. MAINTAIN PARKING RESTRICTION BETWEEN 9TH AND 10TH STREET.
 - b. PLACE TEMPORARY WARNING SIGNS AND TRAFFIC CONTROL DEVICES AS SHOWN FOR PHASE 2 STAGE 1.
7. STAGE 1A: CONSTRUCT PEDESTRIAN CONNECTION AND SIDEWALK AT THE NE AND SE CORNER OF ADAMS STREET AND 11TH STREET.
 - a. DETOUR PEDESTRIANS UTILIZING DETOUR PLAN I.
 - b. AS NEEDED FOR STAGE 3 CONSTRUCTION, CLOSE THE LEFT LANE OF THE I-95 RAMP UTILIZING TA-21 OF THE MUTCD. I-95 LANE CLOSURES ARE ONLY PERMITTED ON WEEKENDS, AS PRESCRIBED IN THE ALLOWABLE LANE CLOSURE CHART AND WITH THE APPROVAL OF THE ENGINEER.
 - c. PLACE TEMPORARY WARNING SIGNS, STRIPING, AND TRAFFIC CONTROL DEVICES AS SHOWN IN THE PHASING PLANS.
 - d. SAWCUT AND REMOVE EXISTING CURB SIDEWALK AND PAVEMENT. INSTALL SIGNALIZATION UPGRADES, SIDEWALK AND PEDESTRIAN CONNECTION.
 - e. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL SEED AND MULCH.
8. STAGE 1B: CONSTRUCT CURB EXTENSIONS AT THE CORNERS OF ADAMS STREET AND 9TH STREET.
 - a. REMOVE PEDESTRIAN DETOUR PLAN I AND UTILIZE TA-29 OF THE DELAWARE MUTCD TO DETOUR PEDESTRIANS AROUND THE WORK AREA.
 - b. AS NEEDED FOR STAGE 1B CONSTRUCTION, CLOSE 9TH STREET TO VEHICULAR TRAFFIC UTILIZING DETOUR PLAN D. THE DETOUR IS ONLY PERMITTED DURING THE TIMES PRESCRIBED IN THE ALLOWABLE LANE CLOSURE CHART AND WITH THE APPROVAL OF THE ENGINEER. THE CONTRACTOR IS TO NOTIFY DART FIRST STATE VIA EMAIL AT DOT_DETOURS@DELAWARE.GOV 3 WEEKS PRIOR TO INSTALLING DAILY DETOURS ON 9TH STREET TO ALLOW ADEQUATE TIME FOR DART TO NOTIFY RIDERS OF THE REQUIRED BUS DETOUR ROUTE. ONCE AN INITIAL DAILY CLOSURE OF 9TH STREET IS INSTALLED, THE CONTRACTOR HAS 3 WEEKS TO COMPLETE INTERSECTION WORK TO A POINT WHERE REGULAR, UNDETOURED TRAFFIC CAN TRAVEL THROUGH THE INTERSECTION
 - c. PLACE TEMPORARY WARNING SIGNS, STRIPING, AND TRAFFIC CONTROL DEVICES AS SHOWN IN THE PHASING PLANS.
 - d. AS NEEDED FOR STAGE 1B CONSTRUCTION, CLOSE THE RIGHT LANE OF THE I-95 RAMP UTILIZING TA-21 OF THE MUTCD. LANE CLOSURES ARE ONLY PERMITTED DURING THE TIMES PRESCRIBED IN THE ALLOWABLE LANE CLOSURE CHART AND WITH THE APPROVAL OF THE ENGINEER.
 - e. SAWCUT AND REMOVE EXISTING CURB, SIDEWALK, AND PAVEMENT. INSTALL SIGNALIZATION UPGRADES, GABC, CURB, PEDESTRIAN CONNECTIONS AND SIDEWALK.
 - f. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL SEED AND MULCH.
9. STAGE 1C: CONSTRUCT CURB EXTENSIONS AT THE CORNERS OF ADAMS STREET AND 10TH STREET.
 - a. REMOVE PEDESTRIAN DETOUR INSTALLED IN STAGE 1B AND UTILIZE TA-29 OF THE DELAWARE MUTCD TO DETOUR PEDESTRIANS AROUND THE WORK AREA.
 - b. AS NEEDED FOR STAGE 1C CONSTRUCTION, CLOSE 10TH STREET TO VEHICULAR TRAFFIC UTILIZING DETOUR PLAN E. THE DETOUR IS ONLY PERMITTED DURING THE TIMES PRESCRIBED IN THE ALLOWABLE LANE CLOSURE CHART AND WITH THE APPROVAL OF THE ENGINEER.
 - c. PLACE TEMPORARY WARNING SIGNS, STRIPING, AND TRAFFIC CONTROL DEVICES AS SHOWN IN THE PHASING PLANS.
 - d. AS NEEDED FOR STAGE 1C CONSTRUCTION, CLOSE THE RIGHT LANE OF THE I-95 RAMP UTILIZING TA-21 OF THE MUTCD. I-95 LANE CLOSURES ARE ONLY PERMITTED ON WEEKENDS, AS PRESCRIBED IN THE ALLOWABLE LANE CLOSURE CHART AND WITH THE APPROVAL OF THE ENGINEER.
 - e. SAWCUT AND REMOVE EXISTING CURB, SIDEWALK AND PAVEMENT. INSTALL SIGNALIZATION UPGRADES, GABC, CURB, PEDESTRIAN CONNECTIONS AND SIDEWALK.
 - f. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL SEED AND MULCH.
10. STAGE 2: EASTERN SIDEWALK/CURB EXTENSIONS BETWEEN 6TH STREET AND NORTH OF 8TH STREET.
 - a. AFTER THE COMPLETION OF STAGES 1A, 1B, AND 1C, REMOVE PEDESTRIAN DETOURS AND REMOVE PARKING RESTRICTIONS.
 - b. REDUCE ADAMS STREET TO ONE LANE BY PLACING TEMPORARY WARNING SIGNS AND TRAFFIC CONTROL DEVICES AS SHOWN FOR PHASE 2 STAGE 1

PHASE 2 - SEQUENCE OF CONSTRUCTION (CONTINUED)

11. STAGE 2A: NE CORNER OF THE ADAMS STREET INTERSECTION WITH 6TH, 7TH, AND THE NORTHEAST AND SOUTHEAST CORNER 8TH STREET.
 - a. DETOUR PEDESTRIANS AROUND WORK AREAS UTILIZING TA-29 OF THE DELAWARE MUTCD.
 - b. AS NEEDED FOR STAGE 2A CONSTRUCTION, CLOSE 6TH AND 7TH STREET TO VEHICULAR TRAFFIC UTILIZING DETOUR PLANS A, B, OR C. THE CLOSURE OF MORE THAN ONE ROAD TO VEHICULAR TRAFFIC IS NOT PERMITTED IN THE SAME DAY. THE DETOUR IS ONLY PERMITTED DURING THE TIMES PRESCRIBED IN THE ALLOWABLE LANE CLOSURE CHART AND WITH THE APPROVAL OF THE ENGINEER.
 - c. AS NEEDED FOR STAGE 2A CONSTRUCTION, CLOSE 8TH STREET TO VEHICULAR TRAFFIC UTILIZING DETOUR PLAN E. DART BUS TRAFFIC MUST BE MAINTAINED THROUGH THE WORK ZONE AT ALL TIMES, INCLUDING WHEN DETOUR PLAN E IS IN PLACE. THE CONTRACTOR IS TO NOTIFY DART FIRST STATE VIA EMAIL AT DOT_DETOURS@DELAWARE.GOV 3 WEEKS PRIOR TO INSTALLING THE INITIAL DETOUR TO NOTIFY DART OF THE PENDING DAILY CLOSURE. THE DETOUR IS ONLY PERMITTED DURING THE TIMES PRESCRIBED IN THE ALLOWABLE LANE CLOSURE CHART AND WITH THE APPROVAL OF THE ENGINEER. ONCE AN INITIAL DAILY CLOSURE OF 8TH STREET IS INSTALLED, THE CONTRACTOR HAS 3 WEEKS TO COMPLETE INTERSECTION WORK TO A POINT WHERE REGULAR, UNDETOURED TRAFFIC CAN TRAVERSE THE INTERSECTION
 - d. PLACE TEMPORARY WARNING SIGNS, STRIPING, AND TRAFFIC CONTROL DEVICES AS SHOWN IN THE PHASING PLANS.
 - e. SAWCUT AND REMOVE EXISTING CURB, SIDEWALK AND PAVEMENT. INSTALL SIGNALIZATION UPGRADES, GABC, CURB, PEDESTRIAN CONNECTIONS AND SIDEWALK.
 - f. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL SEED AND MULCH.
12. STAGE 2B: SE CORNER OF THE ADAMS STREET INTERSECTION WITH 6TH, 7TH, AND 8TH.
 - a. REMOVE PEDESTRIAN DETOURS INSTALLED IN PHASE 2 STAGE 2A. DETOUR PEDESTRIANS AROUND WORK AREAS UTILIZING TA-29 OF THE DELAWARE MUTCD.
 - b. AS NEEDED FOR STAGE 2A CONSTRUCTION, CLOSE STREET TO VEHICULAR TRAFFIC UTILIZING DETOUR PLANS A, B, C, OR D. THE CLOSURE OF MORE THAN ONE ROAD TO VEHICULAR TRAFFIC IS NOT PERMITTED IN THE SAME DAY. THE DETOUR IS ONLY PERMITTED DURING THE TIMES PRESCRIBED IN THE ALLOWABLE LANE CLOSURE CHART AND WITH THE APPROVAL OF THE ENGINEER.
 - c. PLACE TEMPORARY WARNING SIGNS, STRIPING, AND TRAFFIC CONTROL DEVICES AS SHOWN IN THE PHASING PLANS.
 - d. SAWCUT AND REMOVE EXISTING CURB, SIDEWALK AND PAVEMENT. INSTALL SIGNALIZATION UPGRADES, GABC, CURB, PEDESTRIAN CONNECTIONS AND SIDEWALK.
 - e. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL SEED AND MULCH.

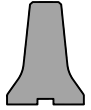



PHASE 3 - SEQUENCE OF CONSTRUCTION

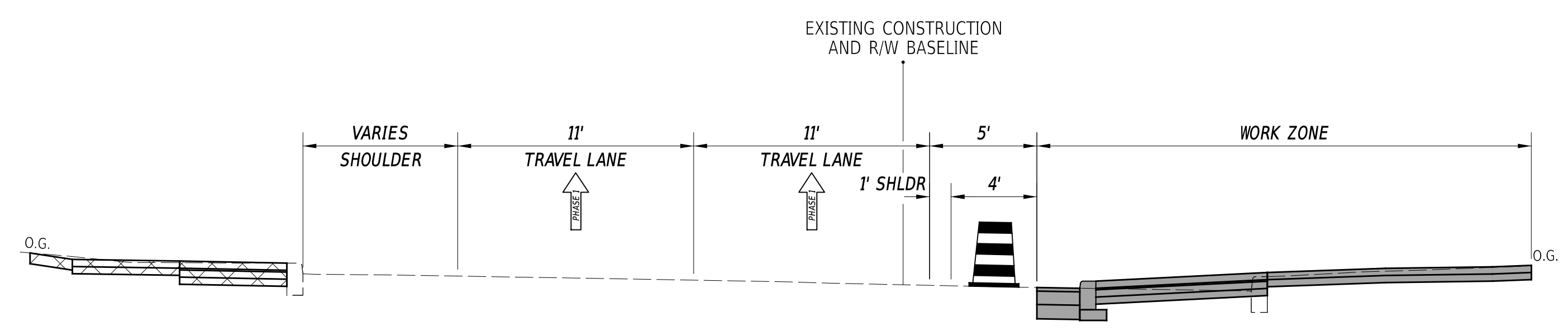
1. CLOSE THE LEFT LANE OF ADAMS STREET BETWEEN 11TH STREET AND DELAWARE AVENUE UTILIZING TA-21 OF THE DELAWARE MUTCD. REMOVE EXISTING CONCRETE SIDEWALK AS SHOWN ON THE CONSTRUCTION PLANS. REPLACE WITH TOPSOIL, SEED, AND MULCH.
2. DURING ALLOWABLE LANE CLOSURE HOURS UTILIZING TA-21 AND TA-23 OF THE DELAWARE MUTCD AND AS DIRECTED BY THE ENGINEER, MILL ASPHALT, INSTALL C COURSE AND TEMPORARY PAVEMENT MARKINGS. USE PEDESTRIAN FLAGGERS TO MAINTAIN PEDESTRIAN CROSSINGS AS DIRECTED BY THE ENGINEER.
3. DURING ALLOWABLE LANE CLOSURE HOURS USING TA-35B OF THE DELAWARE MUTCD, INSTALL PERMANENT SIGNS AND PAVEMENT MARKINGS.
4. ACTIVATE PEDESTRIAN SIGNALS.
5. DURING ALLOWABLE LANE CLOSURE HOURS USING TA-35B AND AS DIRECTED BY THE ENGINEER, INSTALL PLANTINGS AS SHOWN IN THE LANDSCAPING PLANS.
6. STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL NOTES. CONTACT DELDOT FOR INSPECTION PRIOR TO REMOVING SEDIMENT CONTROL DEVICES.
7. REMOVE MOT DEVICES AND PERMANENT WARNING SIGNS.

9-MAY-2025 14:25 pw://delDOT-pw.bentley.com:delDOT-pw-01/Documents/01_Active_Projects/DelDOT_Capital_Projects/T202301103_JMT400_CADD/420_ROAD/423_SHEET_DGN/C500_R05F_T200011101_JMT_CS_00

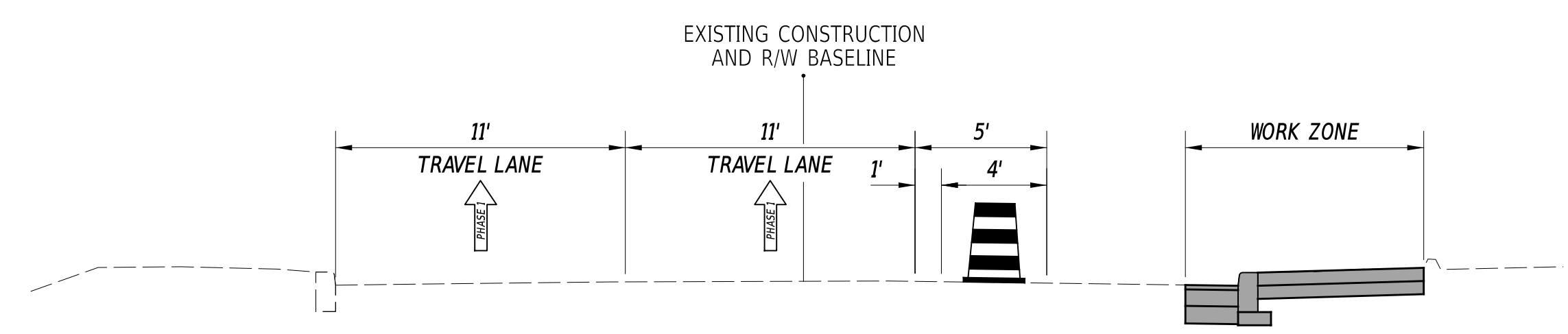
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CONTRACT	BRIDGE NO.	N/A																			
T202301103	DESIGNED BY:	J.IORIO																			
COUNTY	CHECKED BY:	B.DOUGHERTY																			
NEW CASTLE																					
SECTION																					
JMT																					
SHEET NO.																					
33																					

MAINTENANCE OF TRAFFIC LEGEND

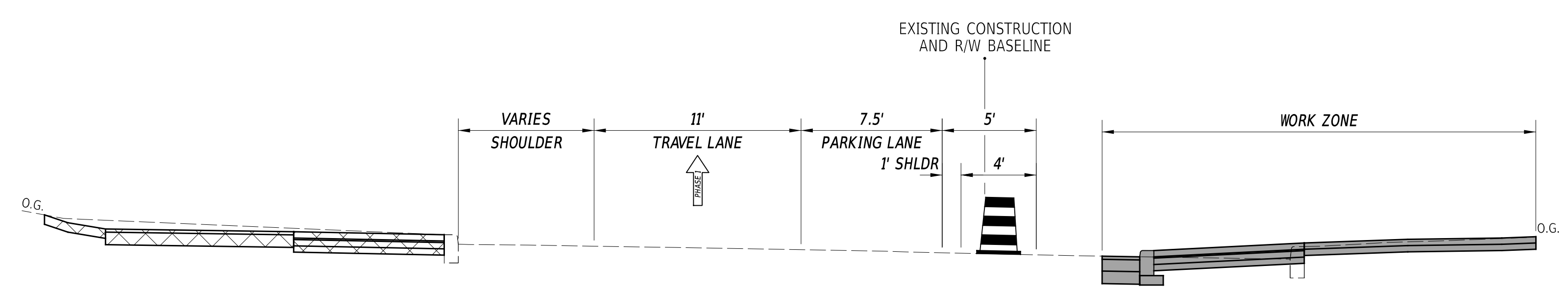
- PLASTIC DRUMS
 -  PORTABLE P.C.C. SAFETY BARRIER
 -  SECTION TO BE CONSTRUCTED IN PHASE
 -  SECTION CONSTRUCTED IN PREVIOUS PHASE(S)
 -  TRAFFIC DIRECTION ARROW
 - (A) EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" SOLID (ITEM 861008)
 - (B) EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" DASHED - 2' LINE & 6' GAP (ITEM 861008)
 - (C) ALKYD -THERMOPLASTIC PAVEMENT STRIPING WHITE SYMBOL/LEGEND (ITEM 863005)
 - (D) EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" BROKEN - 10' LINE & 30' GAP (ITEM 861008)
 - (E) EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 4" SOLID (ITEM 861008)
 - (F) ALKYD -THERMOPLASTIC PAVEMENT STRIPING WHITE 16" SOLID (ITEM 862005)
- NOTE: MARKING TYPE SHALL MATCH PLAN SHEET SPECIFICATION



PHASE 2 - STAGE 1
STA. 115+58 TO STA. 120+25



PHASE 2 - STAGE 1
STA. 121+47 TO STA. 10+93



PHASE 2 - STAGE 2
STA. 103+00 TO STA. 114+74

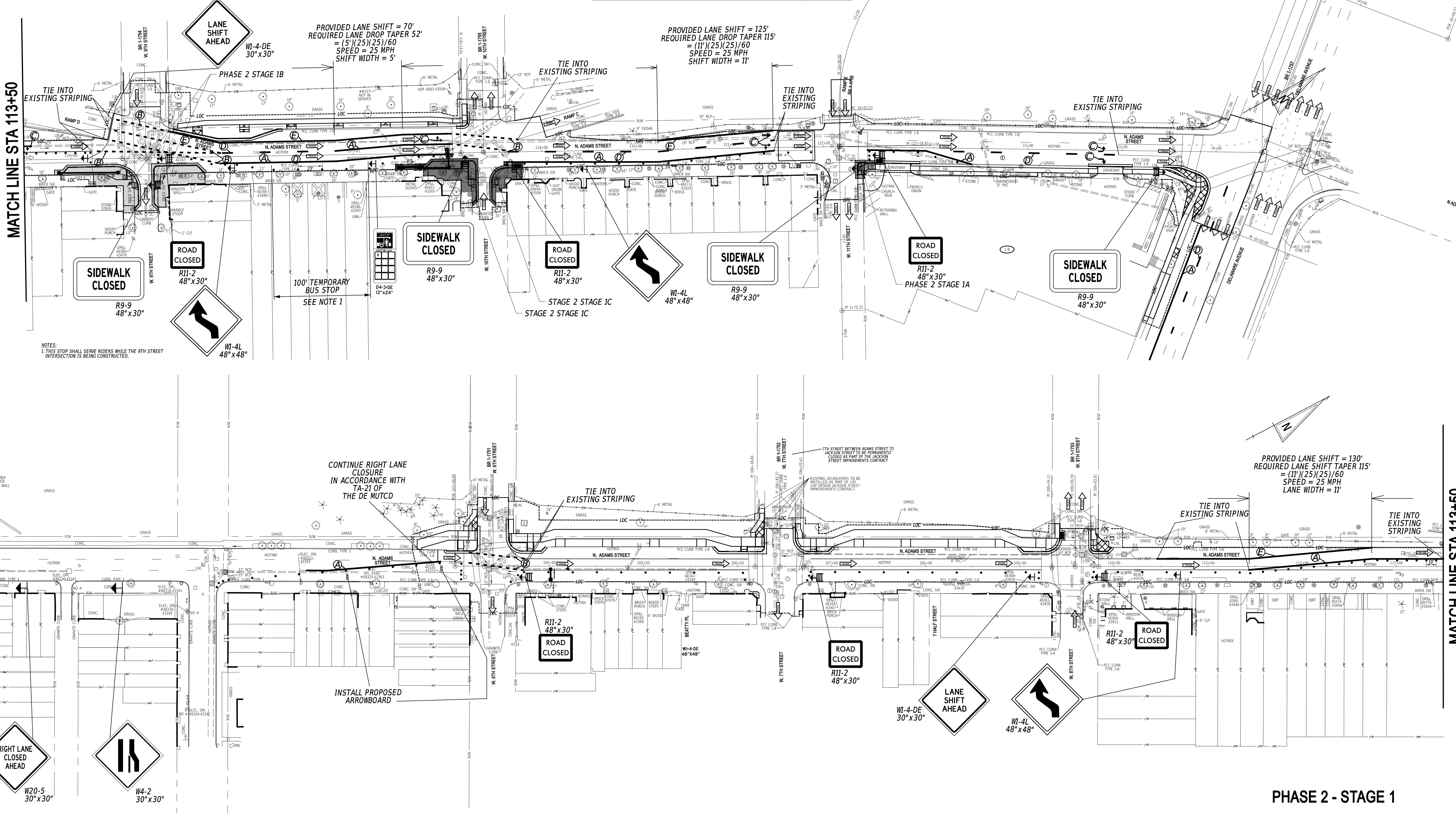
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ADDENDA / REVISIONS	NOT TO SCALE	ADAMS STREET SIDEWALK IMPROVEMENTS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">CONTRACT</td> <td style="font-size: small;">BRIDGE NO.</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td style="font-size: small;">T202301103</td> <td style="font-size: small;">DESIGNED BY:</td> <td>J.IORIO</td> </tr> <tr> <td style="font-size: small;">COUNTY</td> <td style="font-size: small;">CHECKED BY:</td> <td>B.DOUGHERTY</td> </tr> <tr> <td style="font-size: small;">NEW CASTLE</td> <td></td> <td></td> </tr> </table>	CONTRACT	BRIDGE NO.	N/A	T202301103	DESIGNED BY:	J.IORIO	COUNTY	CHECKED BY:	B.DOUGHERTY	NEW CASTLE			CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">SECTION</td> <td style="text-align: center;">JMT</td> </tr> <tr> <td style="font-size: small;">SHEET NO.</td> <td style="text-align: center;">34</td> </tr> </table>	SECTION	JMT	SHEET NO.	34
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COUNTY	CHECKED BY:	B.DOUGHERTY																			
NEW CASTLE																					
SECTION	JMT																				
SHEET NO.	34																				

LEGEND	
STAGE 1A SHADING	
STAGE 1B SHADING	
STAGE 1C SHADING	

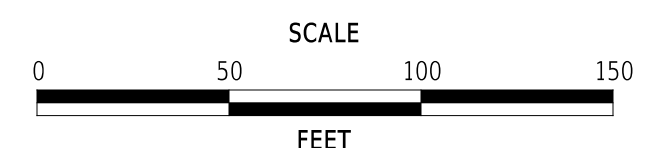
TEMPORARY PAVEMENT MARKINGS LEGEND		
SYM.	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" SOLID (ITEM 861008)	1310 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" DASHED - 2' LINE & 6' GAP (ITEM 861008)	200 LF
(C)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING WHITE SYMBOL/LEGEND (ITEM 862006)	120 SF

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYM.	ITEM	QUANTITY
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" BROKEN - 10' LINE & 30' GAP (ITEM 861008)	215 LF
(E)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 4" SOLID (ITEM 861008)	715 LF
	REMOVAL OF EXISTING PAVEMENT STRIPING (868001)	935 SF



NOTES:
1. THIS STOP SHALL SERVE RIDERS WHILE THE 9TH STREET INTERSECTION IS BEING CONSTRUCTED.

PROVIDED LANE SHIFT = 130'
REQUIRED LANE SHIFT TAPER 115'
= (11')(25)(25)/60
SPEED = 25 MPH
LANE WIDTH = 11'



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	T202301103	BRIDGE NO.	N/A
COUNTY	NEW CASTLE	DESIGNED BY:	J.IORIO
		CHECKED BY:	B.DOUGHERTY

PHASE 2 - STAGE 1
CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 2

SECTION	JMT
SHEET NO.	35

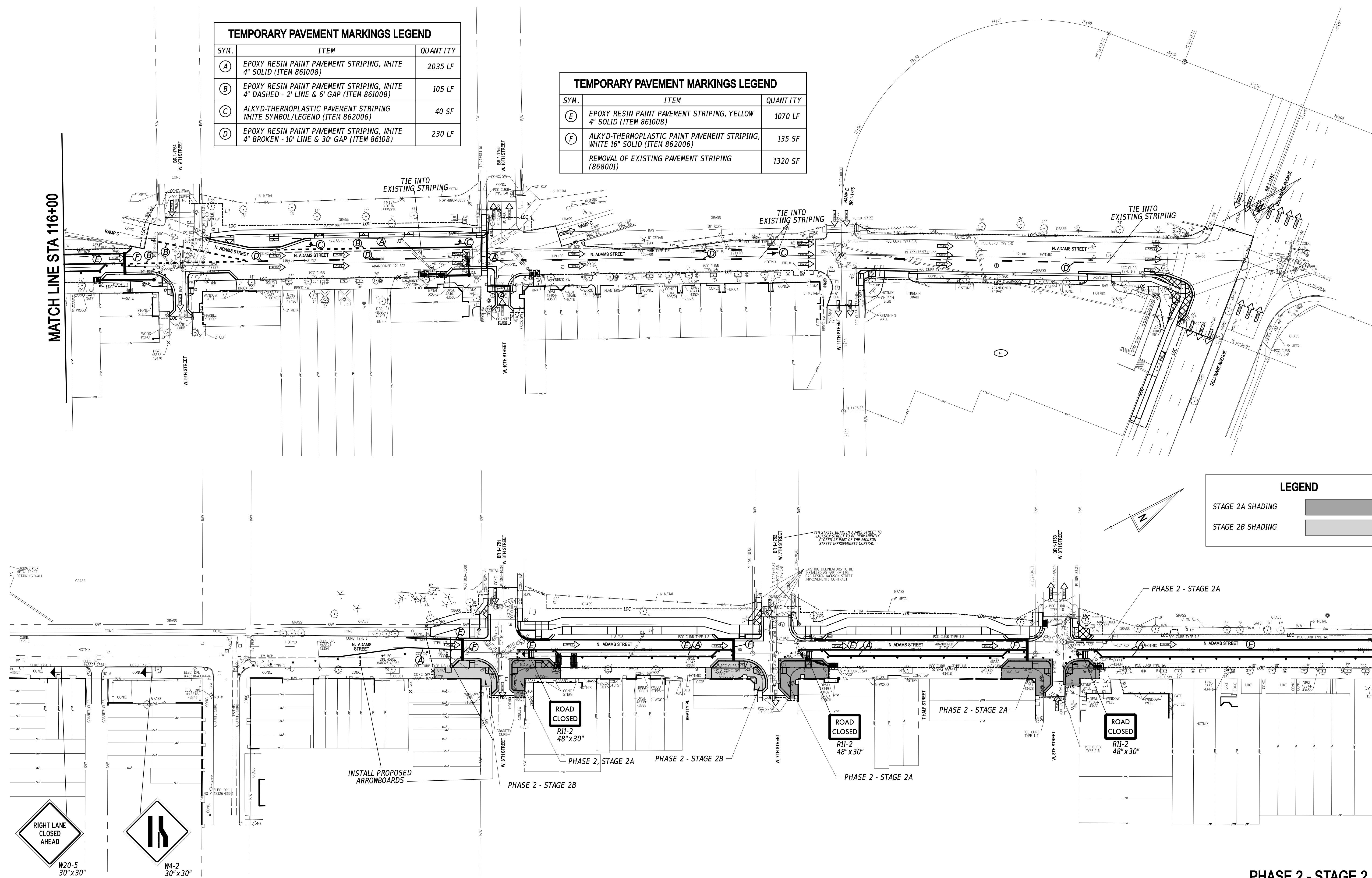
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TEMPORARY PAVEMENT MARKINGS LEGEND		
SYM.	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" SOLID (ITEM 861008)	2035 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" DASHED - 2' LINE & 6' GAP (ITEM 861008)	105 LF
(C)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING WHITE SYMBOL/LEGEND (ITEM 862006)	40 SF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 4" BROKEN - 10' LINE & 30' GAP (ITEM 861008)	230 LF

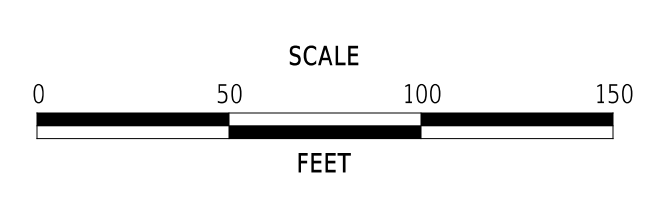
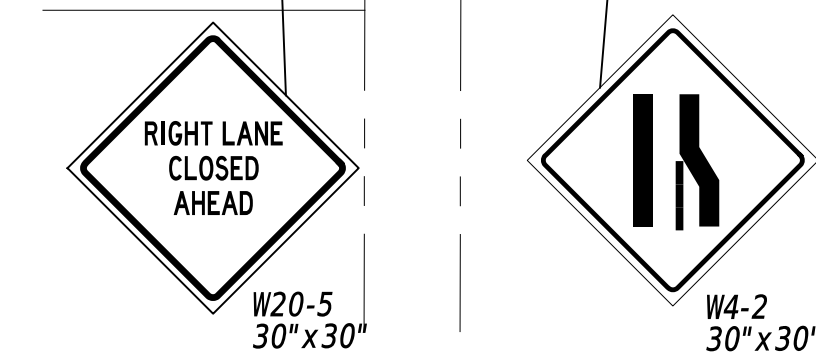
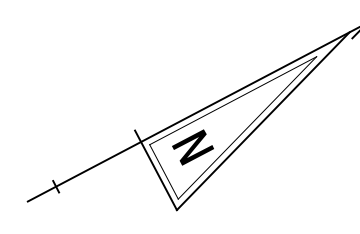
TEMPORARY PAVEMENT MARKINGS LEGEND		
SYM.	ITEM	QUANTITY
(E)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 4" SOLID (ITEM 861008)	1070 LF
(F)	ALKYD-THERMOPLASTIC PAINT PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	135 SF
	REMOVAL OF EXISTING PAVEMENT STRIPING (868001)	1320 SF

MATCH LINE STA 116+00

MATCH LINE STA 113+50



LEGEND	
STAGE 2A SHADING	
STAGE 2B SHADING	



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	T202301103	BRIDGE NO.	N/A
COUNTY	NEW CASTLE	DESIGNED BY:	J. IORIO
		CHECKED BY:	B. DOUGHERTY

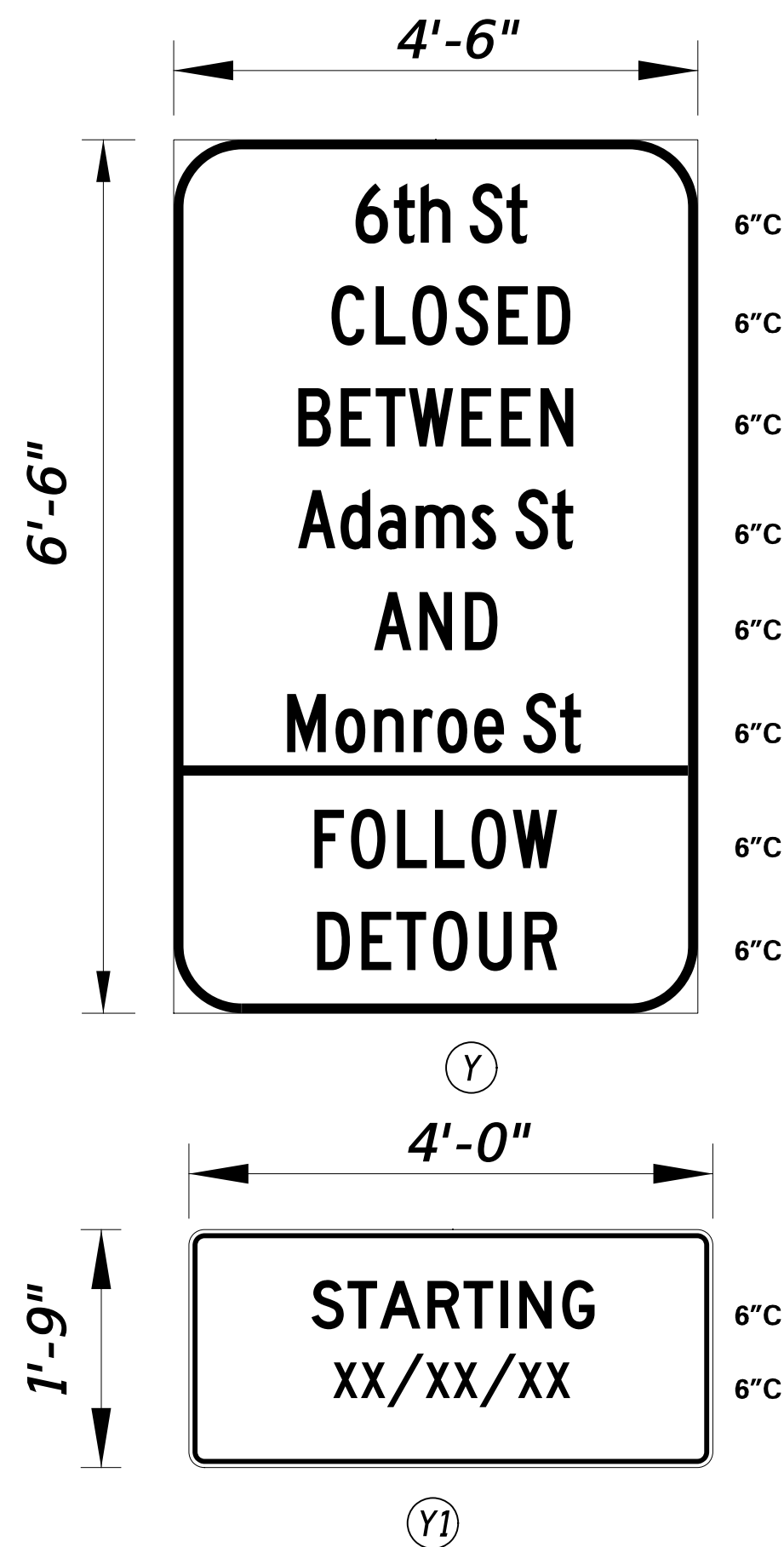
PHASE 2 - STAGE 2

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

SECTION	JMT
SHEET NO.	36

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SPECIAL SIGNS



- ALL SIGNS INCLUDING THE STREET NAME SIGNS ON SIGNS "A" THROUGH "J" SHALL BE BLACK ON RETROREFLECTIVE PRISMATIC FLUORESCENT ORANGE.
- DISPLAY SIGN "Y" THAT INCLUDES THE "YI" PLAQUES AT CLOSURE POINT LOCATIONS FOR 10 DAYS PRIOR TO IMPLEMENTATION OF DETOUR
- "YI" PLAQUE TO BE REMOVED AFTER IMPLEMENTATION OF DETOUR
- "YI" PLAQUE TO COMPLETELY COVER "FOLLOW DETOUR" LEGEND OF "Y" SIGN
- UPON IMPLEMENTATION OF DETOUR, RELOCATE "Y" SIGN TO A LOCATION OUTSIDE OF CLOSURE AREA.
- ALL DETOUR SIGNS SHALL BE PAID UNDER ITEM #810001.

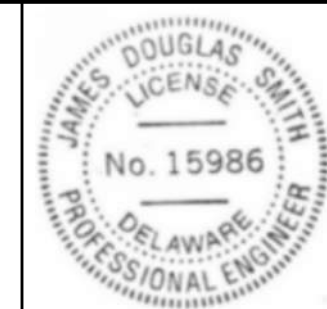
PREPARED BY
JMT

James D. Smith Jr.

05-30-2025

THIS SEAL ONLY APPLIES TO THIS DETOUR SHEET

DATE



SEAL

M. Wahed

05-30-2025

QA/QC

DATE

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ADDENDA / REVISIONS

NOT TO SCALE

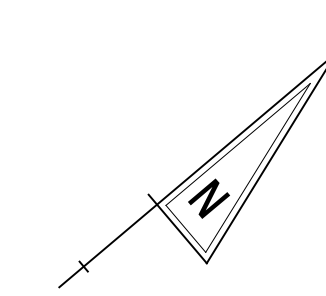
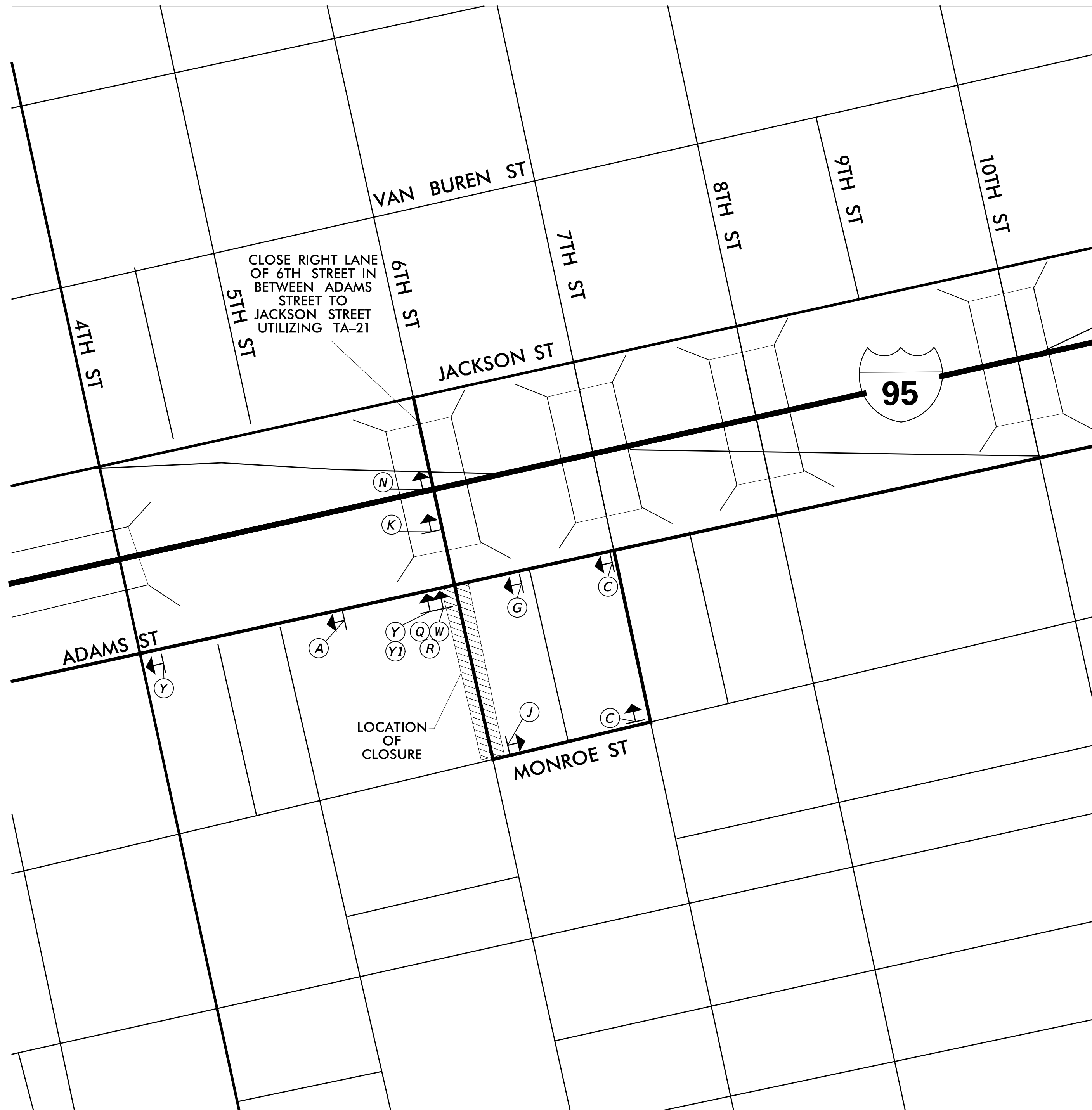
ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT
T202301103
COUNTY
NEW CASTLE

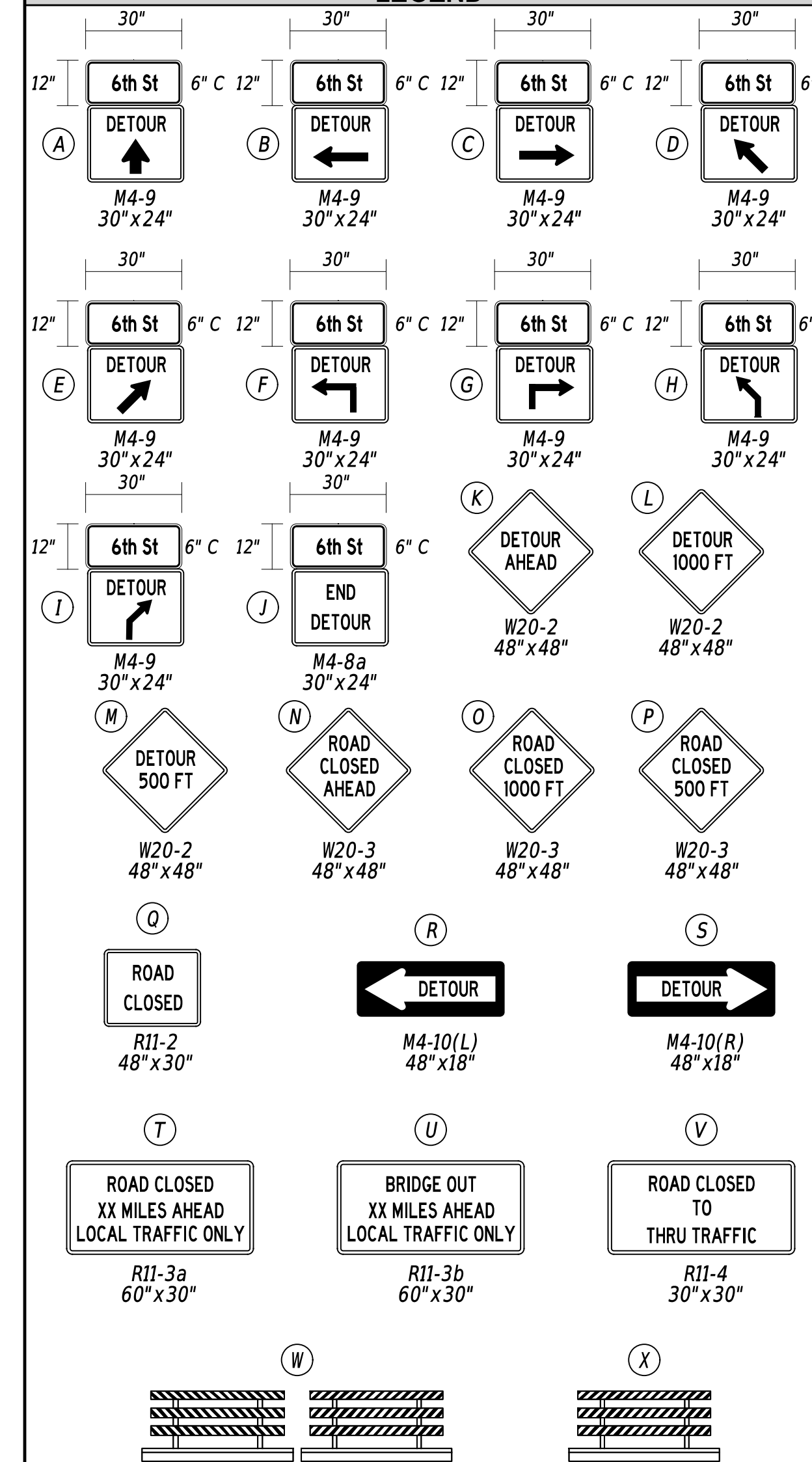
PERMIT NO. **X**
DESIGNED BY: J. CLEM / J. SMITH
CHECKED BY: M. WAHED

VEHICULAR DETOUR PLAN A
CLOSURE OF 6TH STREET

SECTION
JMT
SHEET NO.
37



LEGEND



GENERAL NOTES

- 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.
- SIGNS "N" THROUGH "O" AND "T" AND "V", THE WORD "ROAD" SHALL BE CHANGED TO "RAMP", "RR XING" OR "BRIDGE" WHERE APPLICABLE.
- "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.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

DETOUR DESCRIPTION:

MOTORISTS WANTING TO TRAVEL SOUTH ON 6TH STREET FROM ADAMS STREET WILL CONTINUE STRAIGHT, TURN RIGHT ON 7TH STREET, TURN RIGHT ONTO MONROE STREET, ARRIVING AT 6TH STREET.

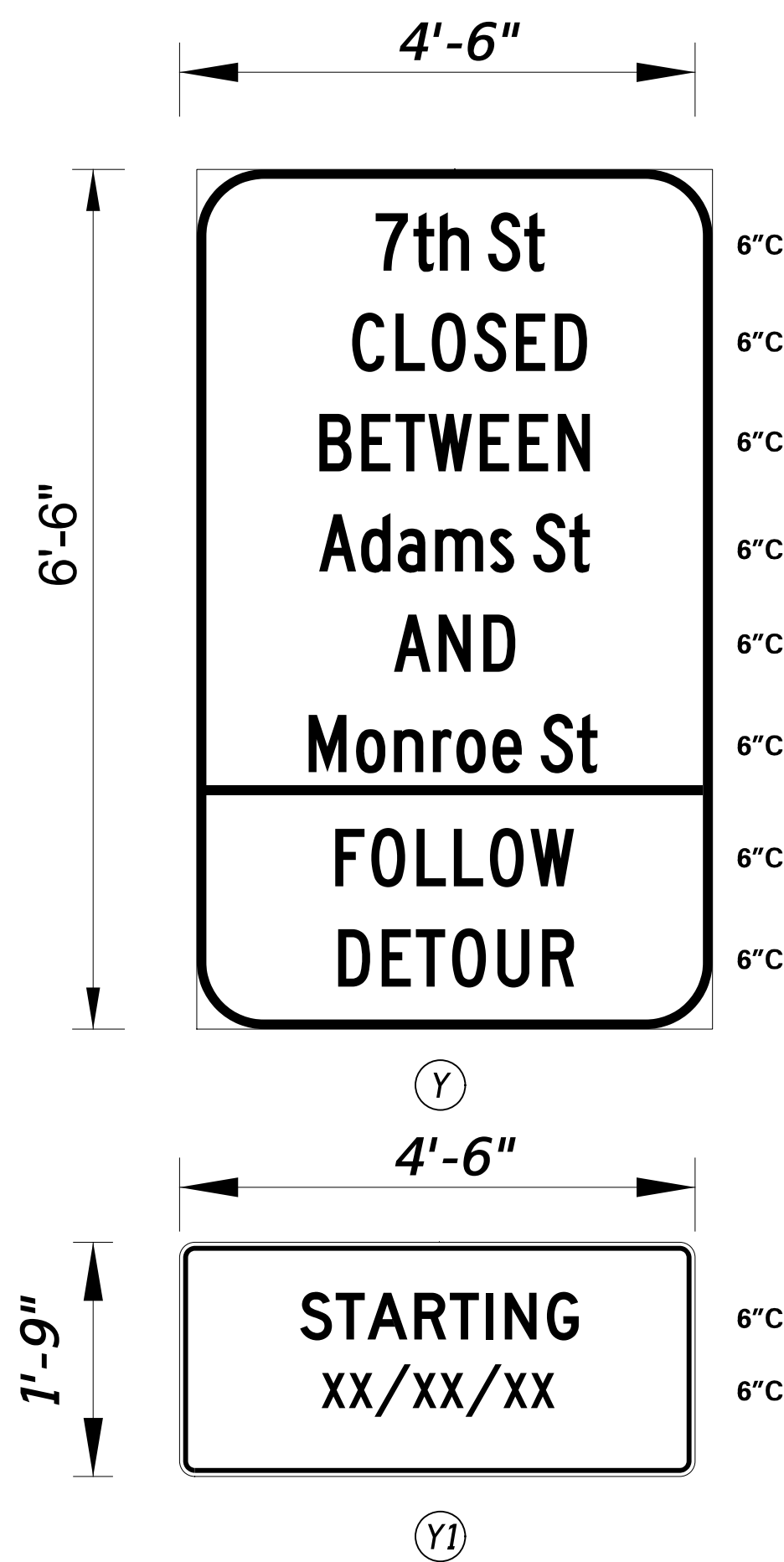
MOTORISTS WANTING TO TRAVEL SOUTH ON 6TH STREET FROM 6TH STREET WILL TURN LEFT AT ADAMS STREET, TURN RIGHT ONTO 7TH STREET, TURN RIGHT ONTO MONROE STREET, ARRIVING AT 6TH STREET.

CONCURRENCE FOR IMPLEMENTATION

James Wynn 6/3/2025
TRAFFIC SAFETY DATE

LAST REVISED: 9/11/2018 30-MAY-2025 15:24 p:\deido-pw-bentley.com\deido-pw-01\Documents\01_Active\Projects\DeIDOT_Capital_Projects\T202301103_JMT400_CADD\220_Road\422_DESIGN_DGN\DP01_RDSF_T202301103_JMT.dgn

SPECIAL SIGNS



- ALL SIGNS INCLUDING THE STREET NAME SIGNS ON SIGNS "A" THROUGH "J" SHALL BE BLACK ON RETROREFLECTIVE PRISMATIC FLUORESCENT ORANGE.
- DISPLAY SIGN "Y" THAT INCLUDES THE "Y1" PLAQUES AT CLOSURE POINT LOCATIONS FOR 10 DAYS PRIOR TO IMPLEMENTATION OF DETOUR
- "Y1" PLAQUE TO BE REMOVED AFTER IMPLEMENTATION OF DETOUR
- "Y1" PLAQUE TO COMPLETELY COVER 'FOLLOW DETOUR' LEGEND OF "Y" SIGN
- UPON IMPLEMENTATION OF DETOUR, RELOCATE "Y" SIGN TO A LOCATION OUTSIDE OF CLOSURE AREA.
- ALL DETOUR SIGNS SHALL BE PAID UNDER ITEM #810001.

PREPARED BY
JMT

James D. Smith Jr.

05-30-2025
DATE



SEAL

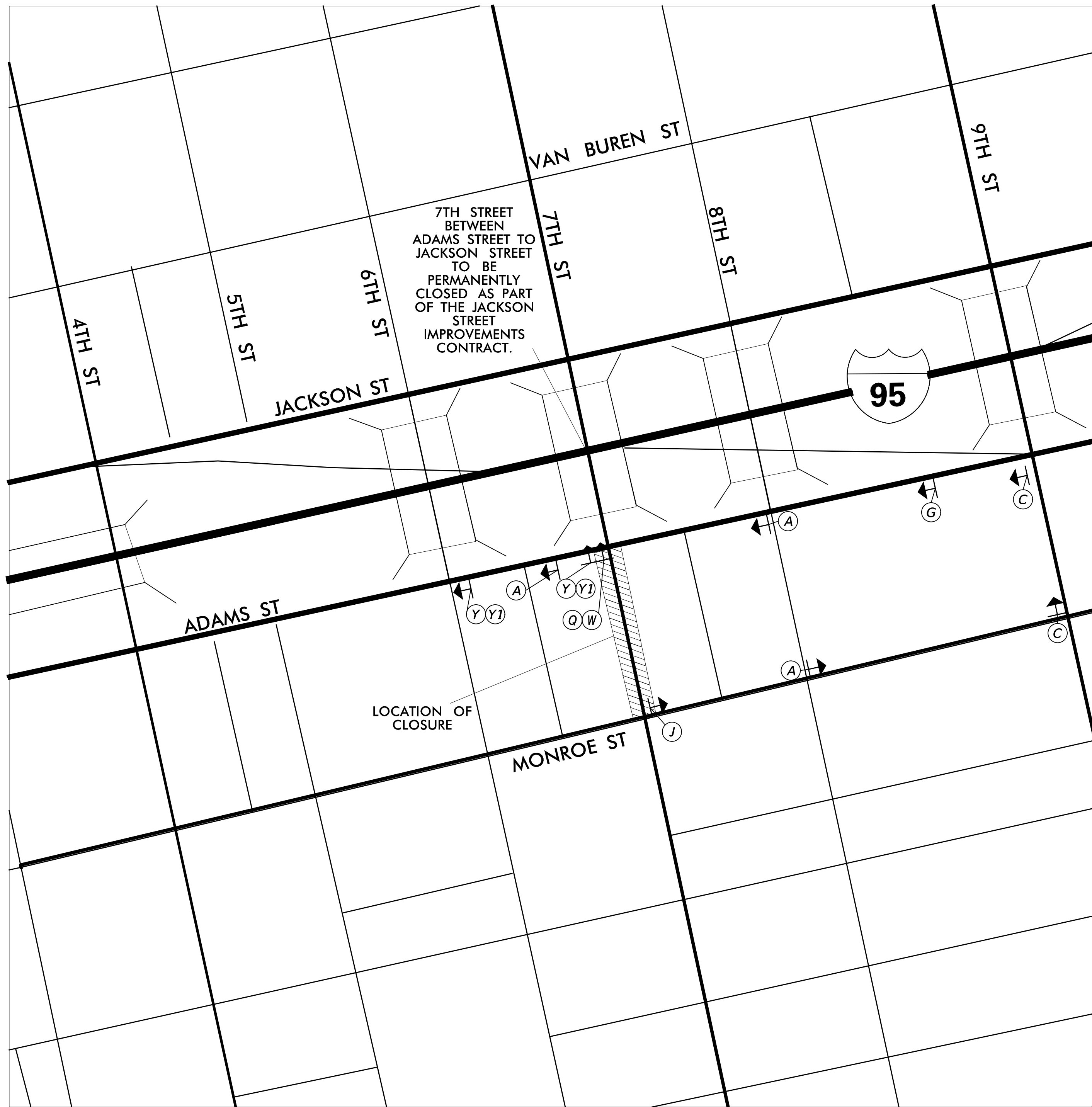
Mi Wahed

05-30-2025
DATE

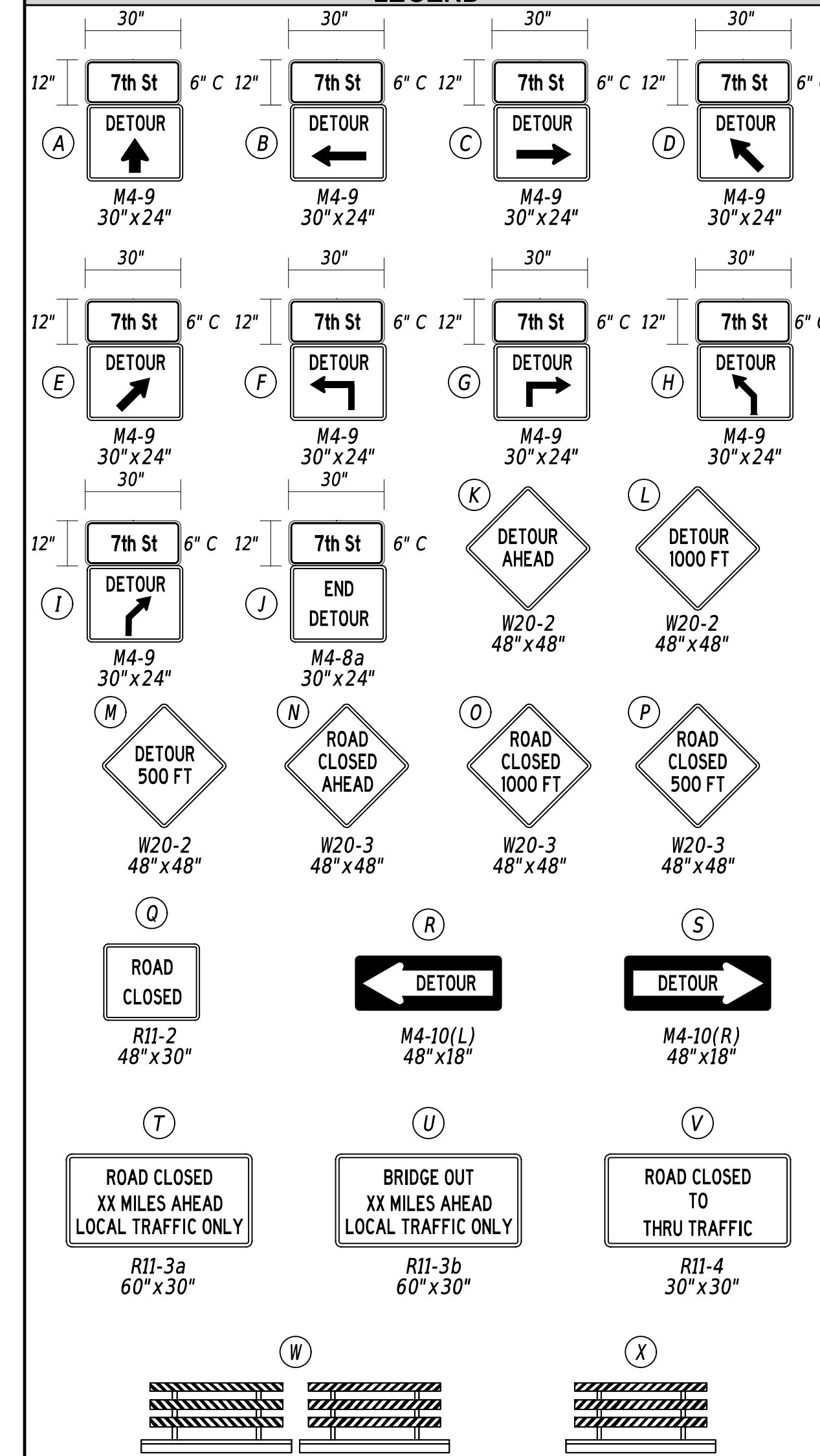
QA/QC

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ADDENDA / REVISIONS



LEGEND



GENERAL NOTES

- 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.
- SIGNS "N" THROUGH "Q" AND "T" AND "V", THE WORD "ROAD" SHALL BE CHANGED TO "RAMP", "RR XING" OR "BRIDGE" WHERE APPLICABLE.
- "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.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

DETOUR DESCRIPTION:

MOTORISTS WANTING TO TRAVEL SOUTH ON 7TH STREET FROM ADAMS STREET WILL CONTINUE STRAIGHT, TURN RIGHT ON 8TH STREET, TURN RIGHT ONTO MONROE STREET, ARRIVING AT 7TH STREET.

CONCURRENCE FOR IMPLEMENTATION

James Wynn

6/3/2025
DATE

TRAFFIC SAFETY

DATE

NOT TO SCALE

ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT
T202301103
COUNTY
NEW CASTLE

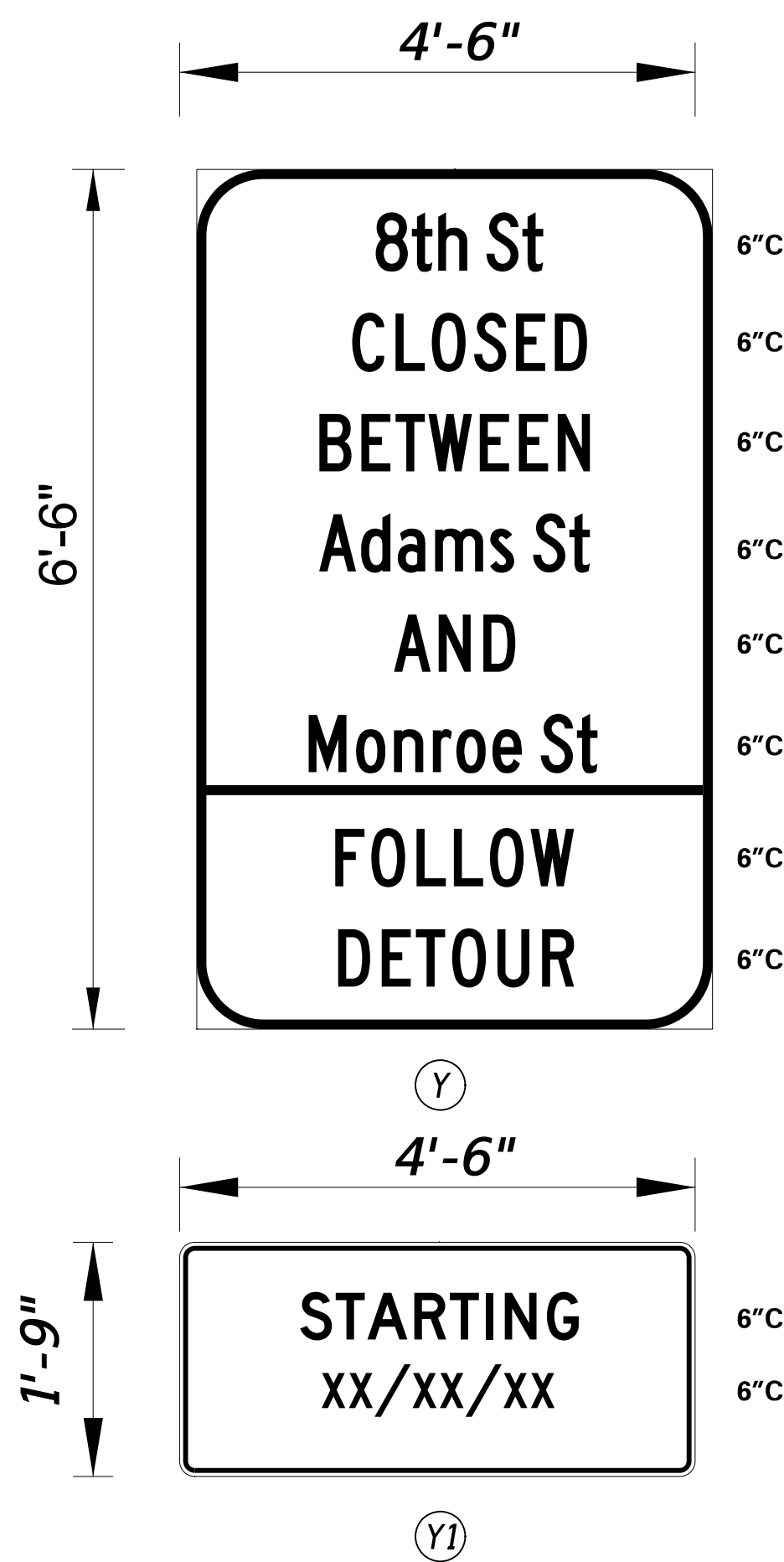
PERMIT NO. X
DESIGNED BY: J. CLEM / J. SMITH
CHECKED BY: M. WAHED

VEHICULAR DETOUR PLAN B
CLOSURE OF 7TH STREET

SECTION
JMT
SHEET NO.
38

LAST REVISED: 9/11/2018 30-MAY-2025 15:24 p:\deido-cpw-bj\Documents\01_Active\Projects\DeIDOT_Capital_Projects\T202301103_JMT\400_CADD\220_ROAD\422_DESIGN_DGN\DP01_RDSF_T202301103_JMT.dgn

SPECIAL SIGNS



- ALL SIGNS INCLUDING THE STREET NAME SIGNS ON SIGNS "A" THROUGH "J" SHALL BE BLACK ON RETROREFLECTIVE PRISMATIC FLUORESCENT ORANGE.
- DISPLAY SIGN "Y" THAT INCLUDES THE "Y1" PLAQUES AT CLOSURE POINT LOCATIONS FOR 10 DAYS PRIOR TO IMPLEMENTATION OF DETOUR
- "Y1" PLAQUE TO BE REMOVED AFTER IMPLEMENTATION OF DETOUR
- "Y1" PLAQUE TO COMPLETELY COVER "FOLLOW DETOUR" LEGEND OF "Y" SIGN
- UPON IMPLEMENTATION OF DETOUR, RELOCATE "Y" SIGN TO A LOCATION OUTSIDE OF CLOSURE AREA.
- ALL DETOUR SIGNS SHALL BE PAID UNDER ITEM #810001.

PREPARED BY
JMT

James D. Smith Jr.

05-30-2025

THIS SEAL ONLY APPLIES TO THIS DETOUR SHEET

DATE



SEAL

Mi Wahed

05-30-2025

QA/QC

DATE

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ADDENDA / REVISIONS

NOT TO SCALE

ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT
T202301103
COUNTY
NEW CASTLE

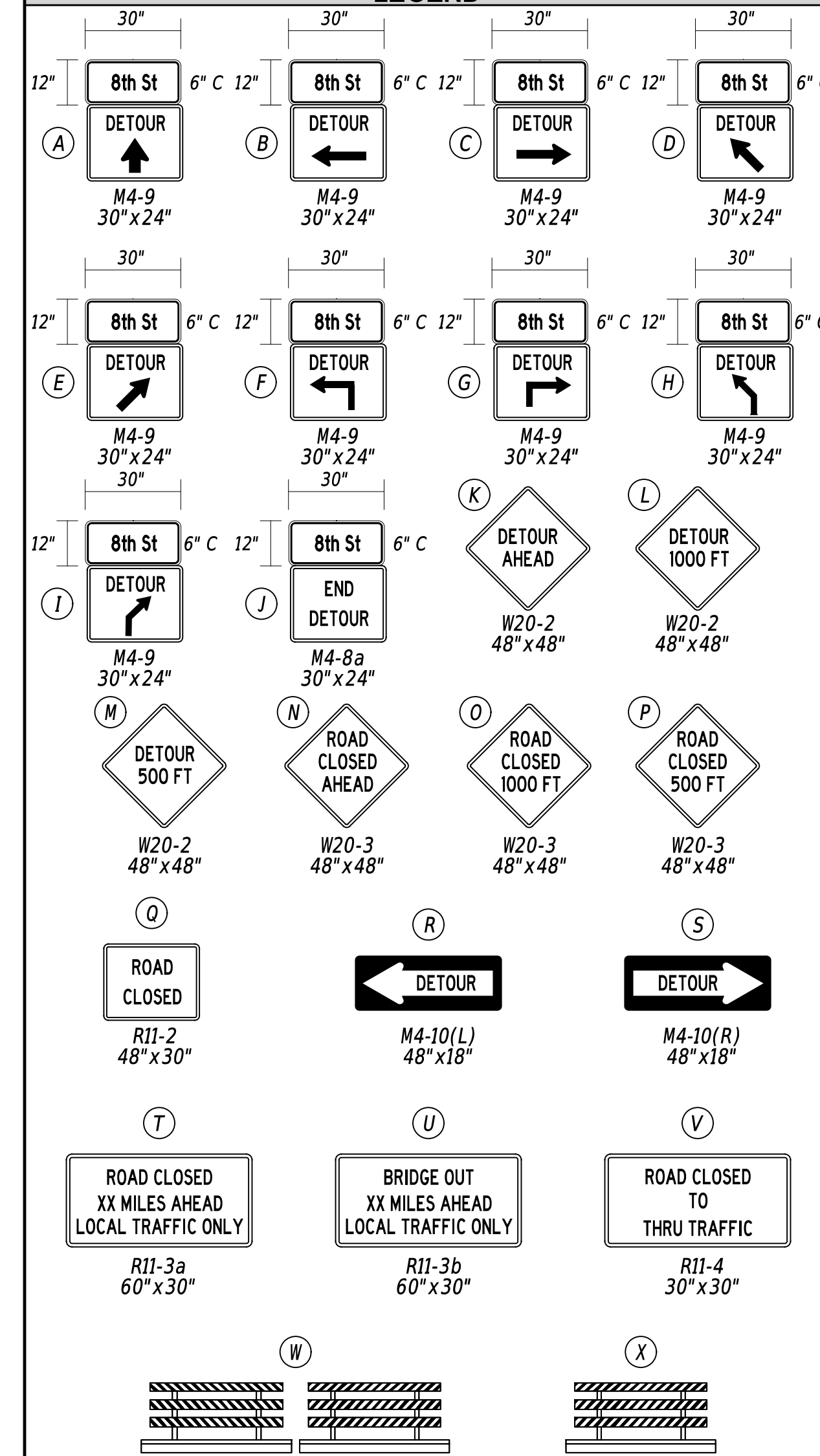
PERMIT NO. **X**
DESIGNED BY: J. CLEM / J. SMITH
CHECKED BY: M. WAHED

VEHICULAR DETOUR PLAN C
CLOSURE OF 8TH STREET

SECTION
JMT
SHEET NO.
39



LEGEND



GENERAL NOTES

- 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.
- SIGNS "N" THROUGH "Q" AND "T" AND "V", THE WORD "ROAD" SHALL BE CHANGED TO "RAMP", "RR XING" OR "BRIDGE" WHERE APPLICABLE.
- "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.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

DETOUR DESCRIPTION:

MOTORISTS WANTING TO TRAVEL NORTH ON 8TH STREET FROM MONROE STREET WILL CONTINUE STRAIGHT, TURN RIGHT ON 4TH STREET, TURN RIGHT ONTO ADAMS STREET, ARRIVING AT 8TH STREET.

MOTORISTS WANTING TO TRAVEL NORTH ON 8TH STREET FROM 8TH STREET WILL TURN LEFT AT MONROE STREET, TURN RIGHT ONTO 4TH STREET, TURN RIGHT ONTO ADAMS STREET, ARRIVING AT 8TH STREET.

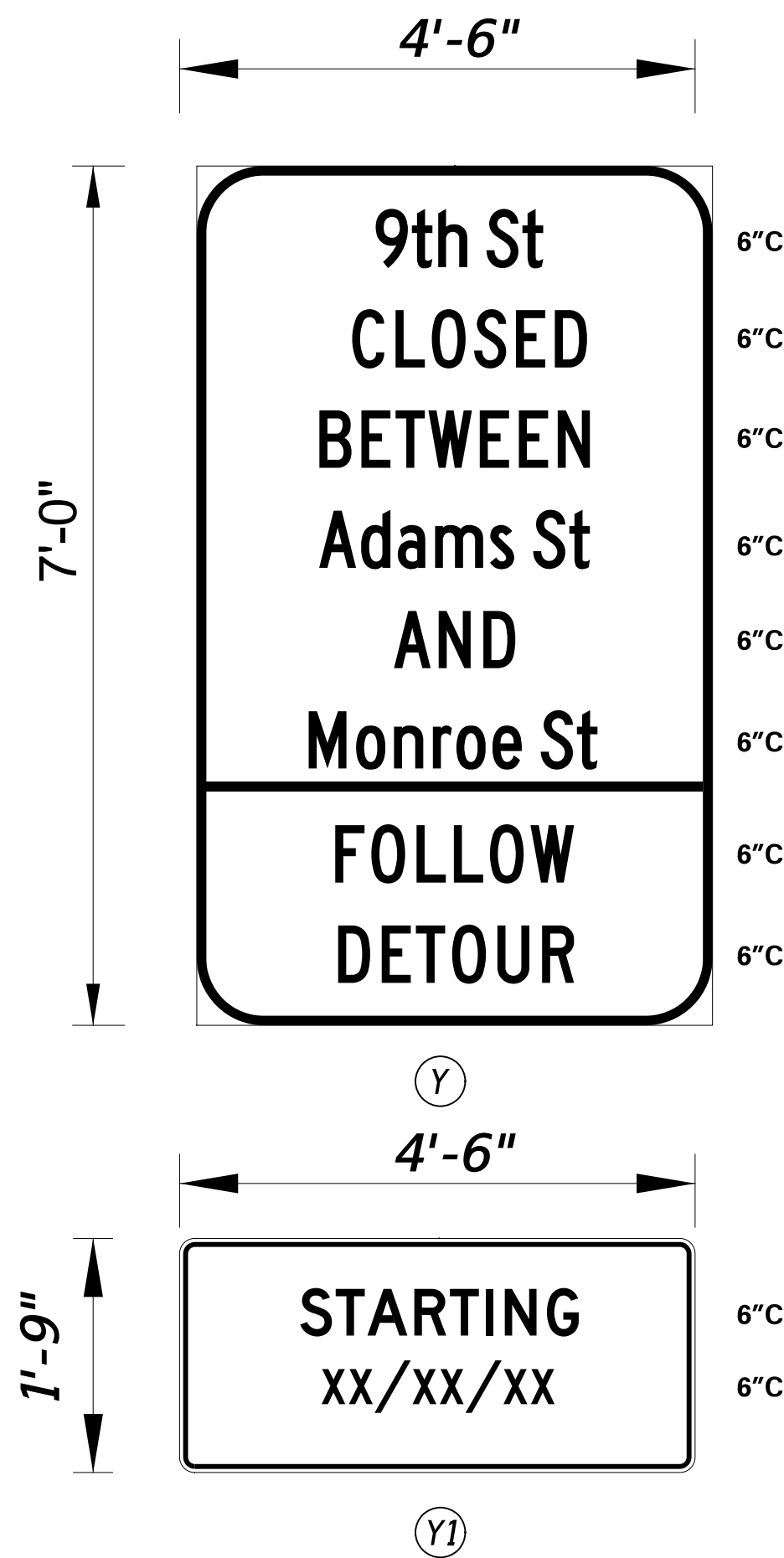
CONCURRENCE FOR IMPLEMENTATION

James Wynn 6/3/2025

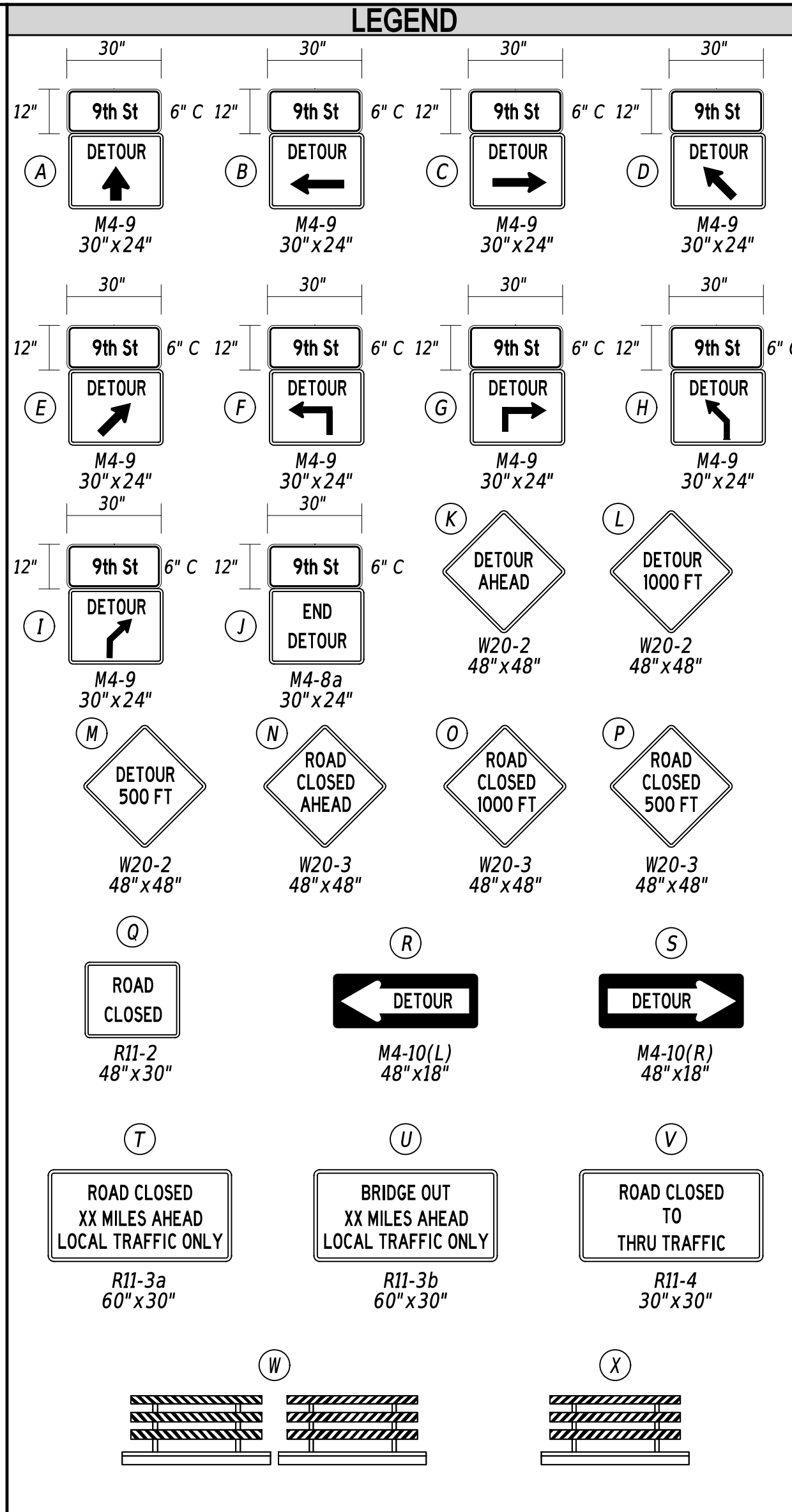
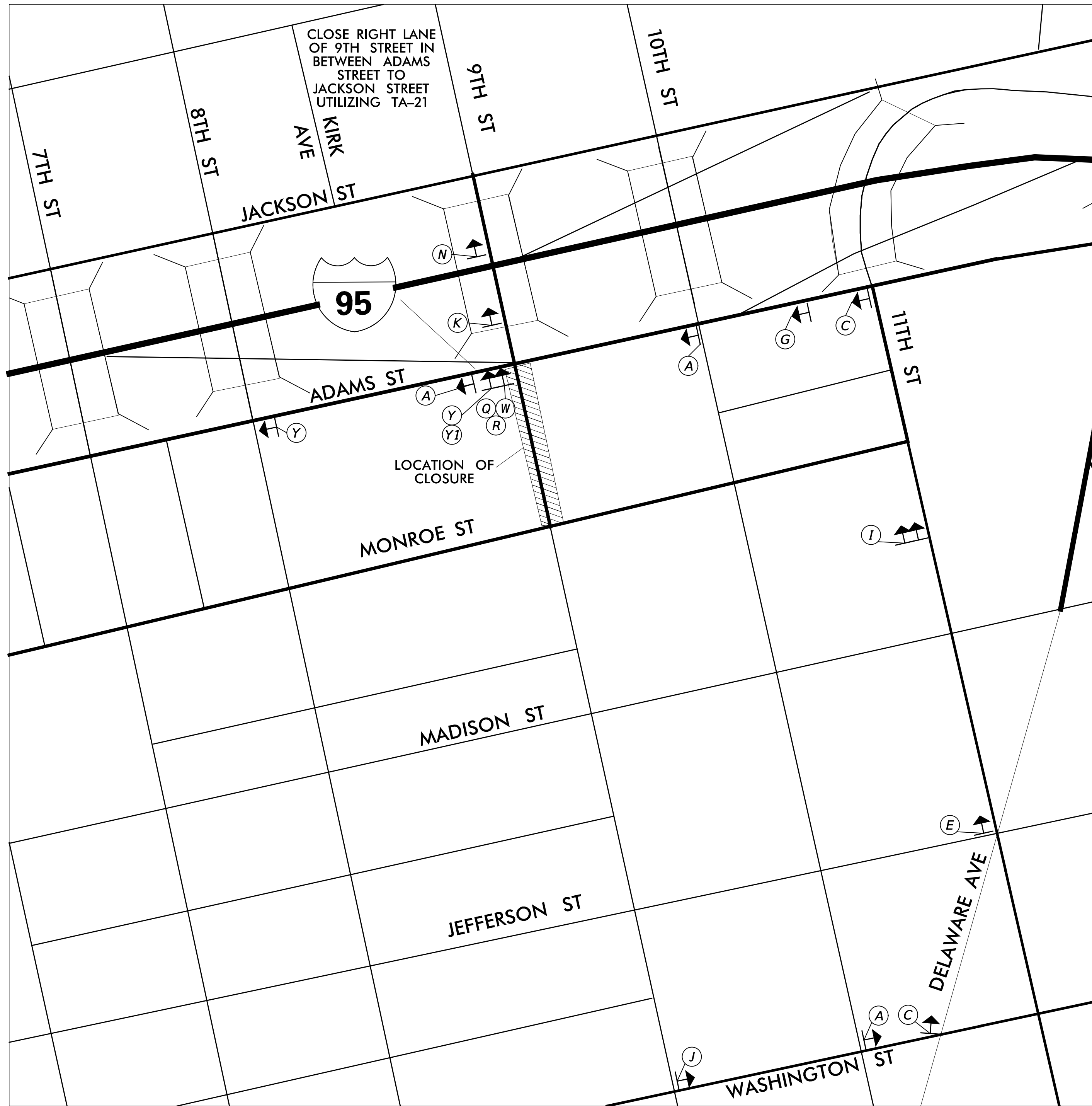
TRAFFIC SAFETY DATE

LAST REVISED: 9/11/2018 30-MAY-2025 15:24 p:\deidoc-pw-bentley.com\deidoc-pw-01\Documents\01_Active\Projects\Deidoc\Capital_Projects\T202301103_JMT.dgn

SPECIAL SIGNS



- ALL SIGNS INCLUDING THE STREET NAME SIGNS ON SIGNS "A" THROUGH "J" SHALL BE BLACK ON RETROREFLECTIVE PRISMATIC FLUORESCENT ORANGE.
- DISPLAY SIGN "Y" THAT INCLUDES THE "Y1" PLAQUES AT CLOSURE POINT LOCATIONS FOR 10 DAYS PRIOR TO IMPLEMENTATION OF DETOUR
- "Y1" PLAQUE TO BE REMOVED AFTER IMPLEMENTATION OF DETOUR
- "Y1" PLAQUE TO COMPLETELY COVER "FOLLOW DETOUR" LEGEND OF "Y" SIGN
- UPON IMPLEMENTATION OF DETOUR, RELOCATE "Y" SIGN TO A LOCATION OUTSIDE OF CLOSURE AREA.
- ALL DETOUR SIGNS SHALL BE PAID UNDER ITEM #810001.



GENERAL NOTES

- 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.
- SIGNS "N" THROUGH "O" AND "T" AND "V", THE WORD "ROAD" SHALL BE CHANGED TO "RAMP", "RR XING" OR "BRIDGE" WHERE APPLICABLE.
- "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.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

DETOUR DESCRIPTION:

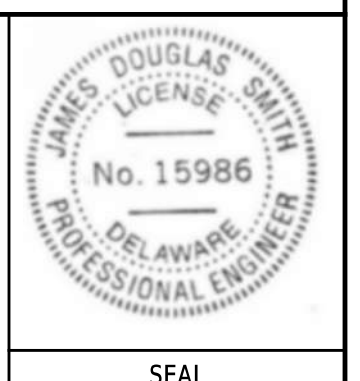
MOTORISTS WANTING TO TRAVEL SOUTH ON 9TH STREET FROM ADAMS STREET WILL CONTINUE STRAIGHT, TURN RIGHT ON 11TH STREET, BEAR RIGHT ON DELAWARE AVENUE, TURN RIGHT ONTO WASHINGTON STREET, ARRIVING AT 9TH STREET.

MOTORISTS WANTING TO TRAVEL SOUTH ON 9TH STREET FROM 9TH STREET WILL TURN LEFT AT ADAMS STREET, TURN RIGHT ONTO 11TH STREET, BEAR RIGHT ON DELAWARE AVENUE, TURN RIGHT ONTO WASHINGTON STREET, ARRIVING AT 9TH STREET.

CONCURRENCE FOR IMPLEMENTATION

TRAFFIC SAFETY *James Wynn* DATE 6/3/2025

PREPARED BY
JMT
James D. Smith Jr. 05-30-2025
DATE



QA/QC *M. Wahed* 05-30-2025
DATE

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ADDENDA / REVISIONS

NOT TO SCALE

**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

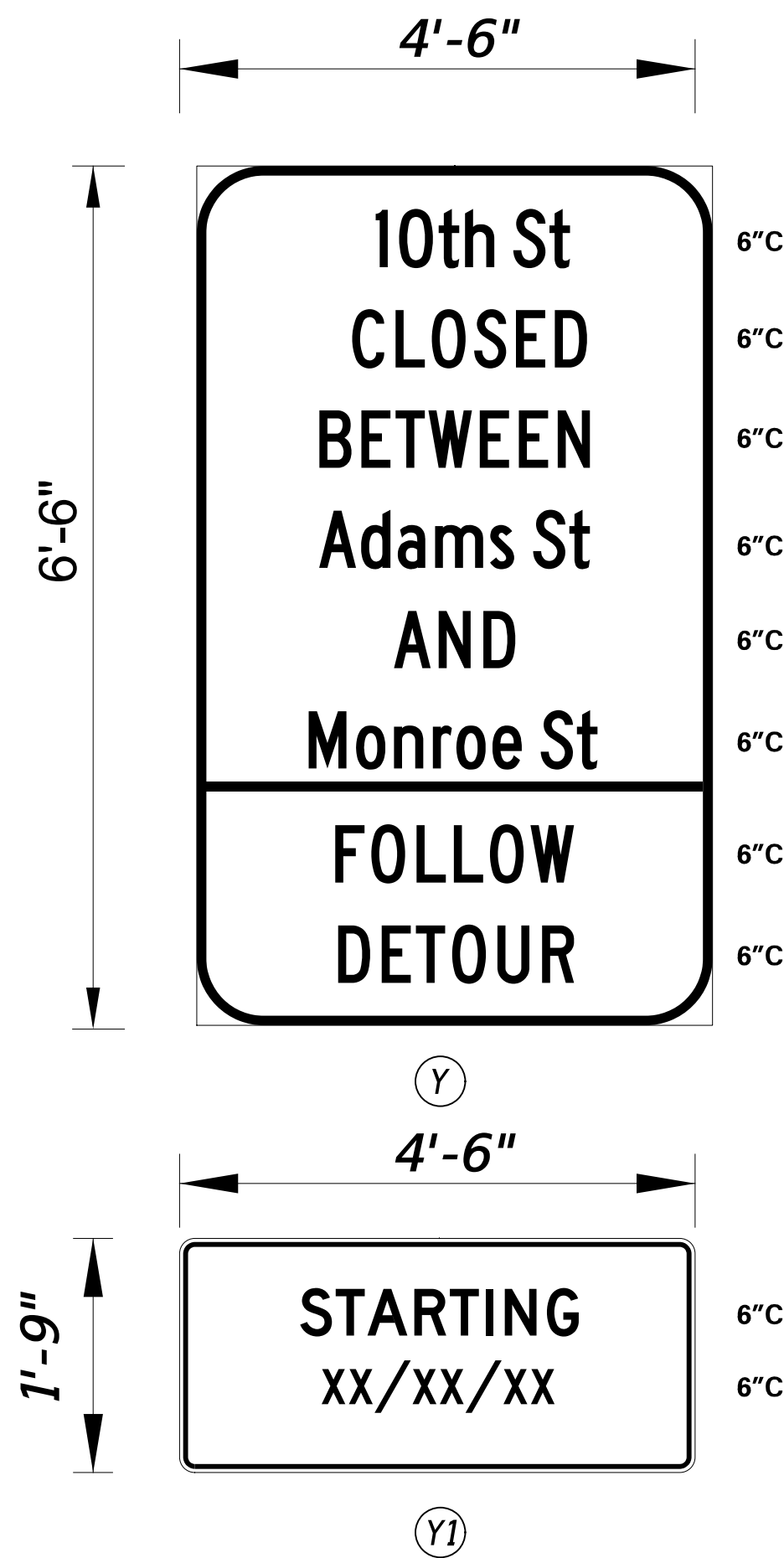
CONTRACT	PERMIT NO.	X
T202301103	DESIGNED BY:	J. CLEM / J. SMITH
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

**VEHICULAR DETOUR PLAN D
CLOSURE OF 9TH STREET**

SECTION	JMT
SHEET NO.	40

LAST REVISED: 9/11/2018
 30-MAY-2025
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SPECIAL SIGNS

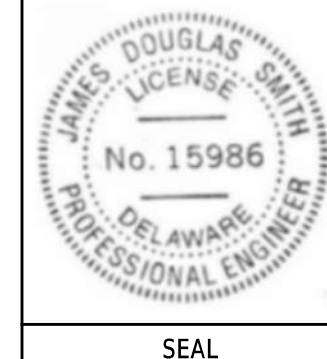


- ALL SIGNS INCLUDING THE STREET NAME SIGNS ON SIGNS "A" THROUGH "J" SHALL BE BLACK ON RETROREFLECTIVE PRISMATIC FLUORESCENT ORANGE.
- DISPLAY SIGN "Y" THAT INCLUDES THE "Y1" PLAQUES AT CLOSURE POINT LOCATIONS FOR 10 DAYS PRIOR TO IMPLEMENTATION OF DETOUR
- "Y1" PLAQUE TO BE REMOVED AFTER IMPLEMENTATION OF DETOUR
- "Y1" PLAQUE TO COMPLETELY COVER 'FOLLOW DETOUR' LEGEND OF "Y" SIGN
- UPON IMPLEMENTATION OF DETOUR, RELOCATE "Y" SIGN TO A LOCATION OUTSIDE OF CLOSURE AREA.
- ALL DETOUR SIGNS SHALL BE PAID UNDER ITEM #810001.

PREPARED BY
JMT

James D. Smith Jr.

05-30-2025
DATE



Mi Wahed

05-30-2025
DATE

QA/QC

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ADDENDA / REVISIONS

NOT TO SCALE

ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT
T202301103
COUNTY
NEW CASTLE

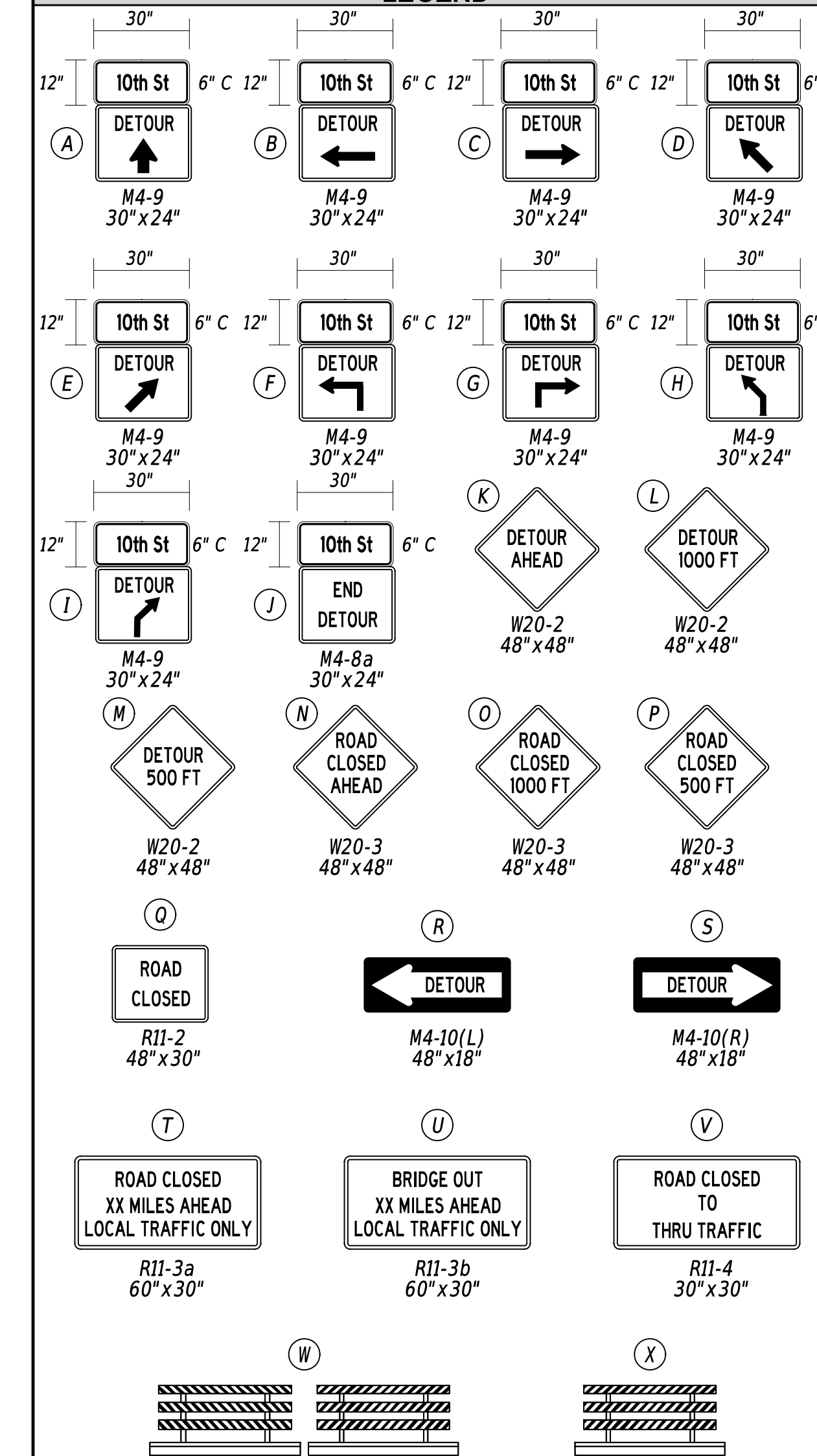
PERMIT NO. **X**
DESIGNED BY: J. CLEM / J. SMITH
CHECKED BY: M. WAHED

VEHICULAR DETOUR PLAN E
CLOSURE OF 10TH STREET

SECTION
JMT
SHEET NO.
41



LEGEND



GENERAL NOTES

- 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.
- SIGNS "N" THROUGH "Q" AND "T" AND "V", THE WORD "ROAD" SHALL BE CHANGED TO "RAMP", "RR XING" OR "BRIDGE" WHERE APPLICABLE.
- "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.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

DETOUR DESCRIPTION:

MOTORISTS WANTING TO TRAVEL NORTH ON 10TH STREET FROM 10TH STREET WILL TURN LEFT AT MONROE STREET, TURN RIGHT ONTO 8TH STREET, TURN RIGHT ONTO ADAMS STREET, ARRIVING AT 10TH STREET.

CONCURRENCE FOR IMPLEMENTATION

James Wynn 6/3/2025
TRAFFIC SAFETY DATE

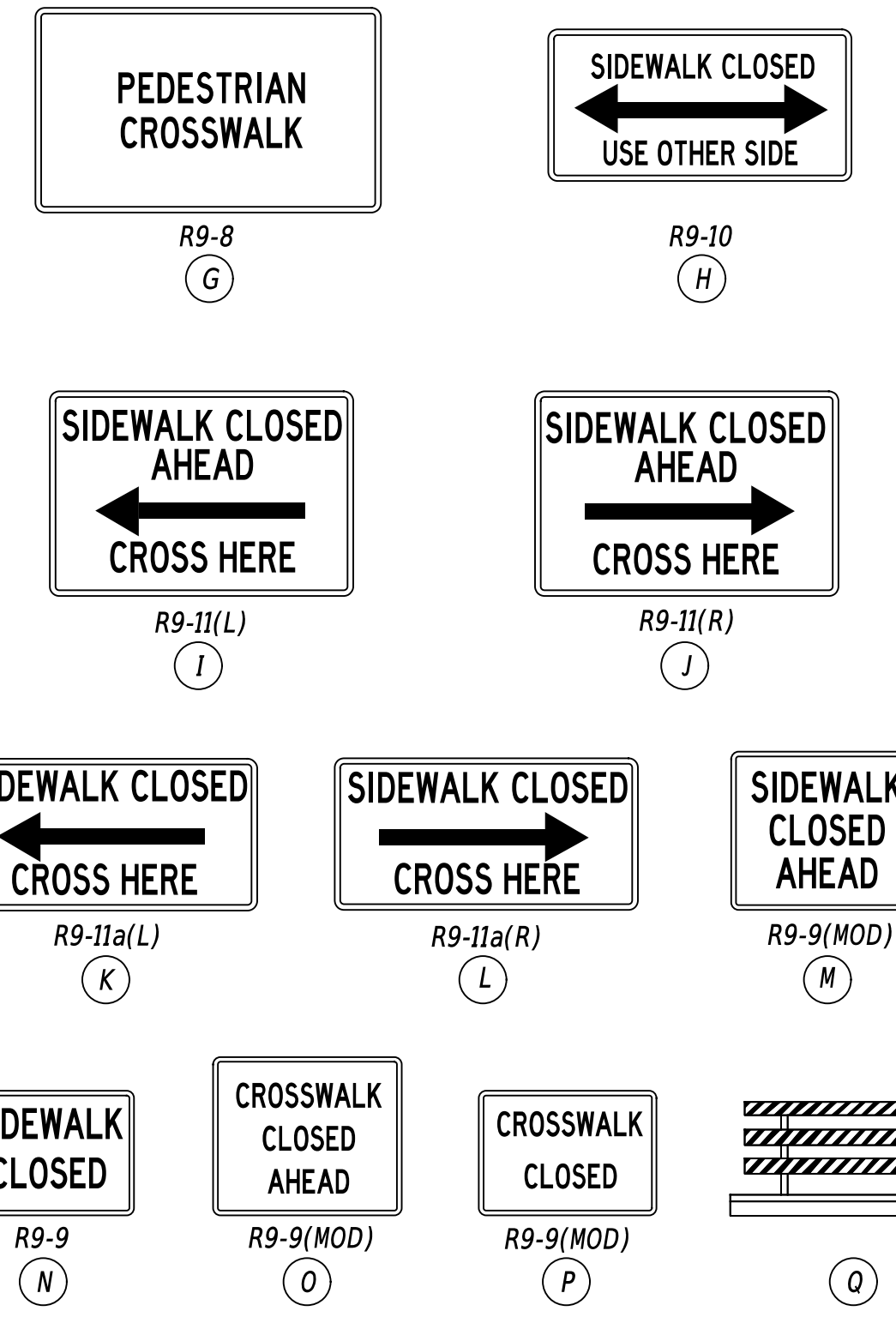
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30-MAY-2025
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PORTABLE CHANGEABLE MESSAGE SIGNS

SPECIAL SIGNS



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. BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

James Wynn

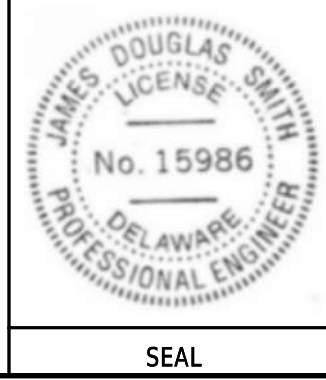
6/3/2025

TRAFFIC SAFETY DATE

PEDESTRIAN DETOUR
PLAN F
PHASE 1 STAGE 1

SECTION
JMT
SHEET NO.
42

PREPARED BY
JMT
James D. Smith Jr.
06-03-2025
DATE



QA/QC REVIEWER
Mi Wahed
06-03-2025
DATE

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ADDENDA / REVISIONS

NOT TO SCALE

ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT
T202301103
COUNTY
NEW CASTLE
PERMIT NO.
X
DESIGNED BY:
J.SMITH
CHECKED BY:
M. WAHED

LAST REVISED: 05/04/2018 C:\BMS\DELDOT-PW-01\JDSMITH\MT-COM\DWG79000\DP01_RDSF_T202301103_JMT.DGN

PORTABLE CHANGEABLE MESSAGE SIGNS

SPECIAL SIGNS



LEGEND

 M4-9b-DE	 M4-9b-DE	 M4-9b-DE
 M4-9b-DE	 M4-9b-DE	 M4-9b-DE1
 R9-8	 R9-10	
 R9-11(L)	 R9-11(R)	
 R9-11a(L)	 R9-11a(R)	 R9-9(MOD)
 R9-9	 R9-9(MOD)	 R9-9(MOD)
		 Q

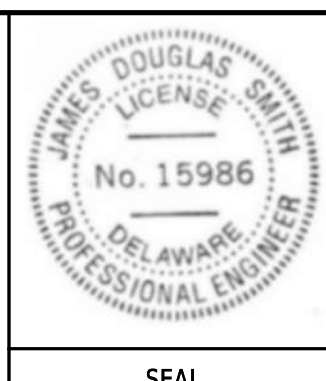
GENERAL NOTES

- 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.
- BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

James Wynn 6/3/2025

PREPARED BY
JMT
James D. Smith Jr.
05-30-2025
DATE



QA/QC REVIEWER
Mi Waked
05-30-2025
DATE

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ADDENDA / REVISIONS

NOT TO SCALE

ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT	PERMIT NO.	X
T202301103	DESIGNED BY:	J.SMITH
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

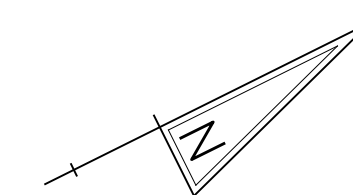
**PEDESTRIAN DETOUR
PLAN G
PHASE 1 STAGE 2**

SECTION	JMT
SHEET NO.	43

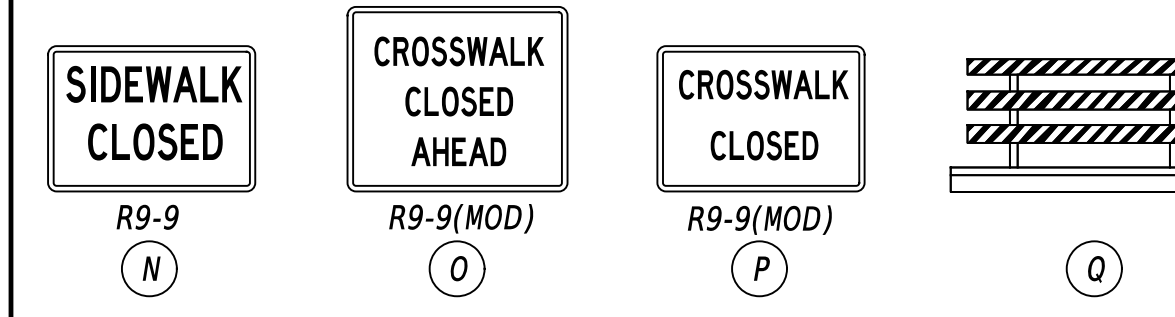
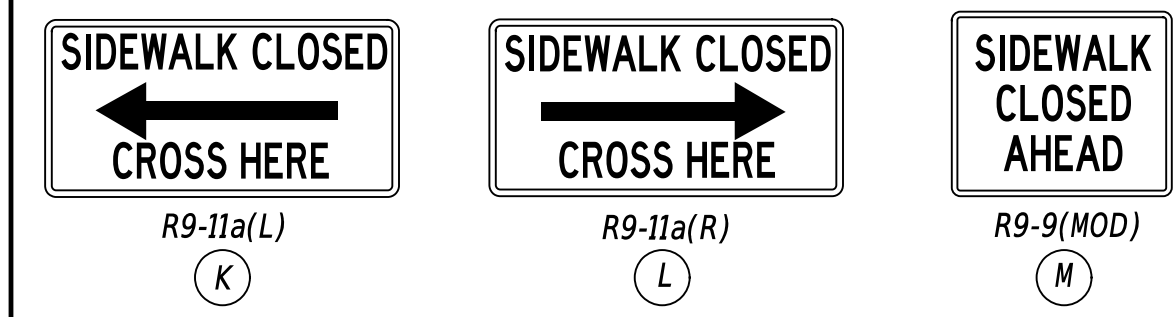
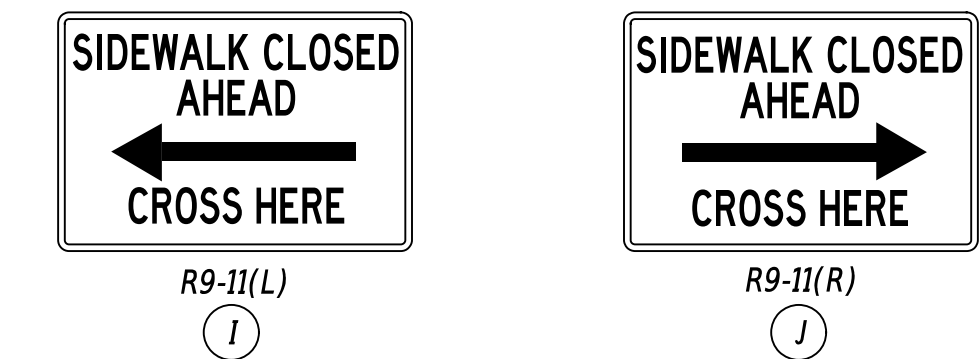
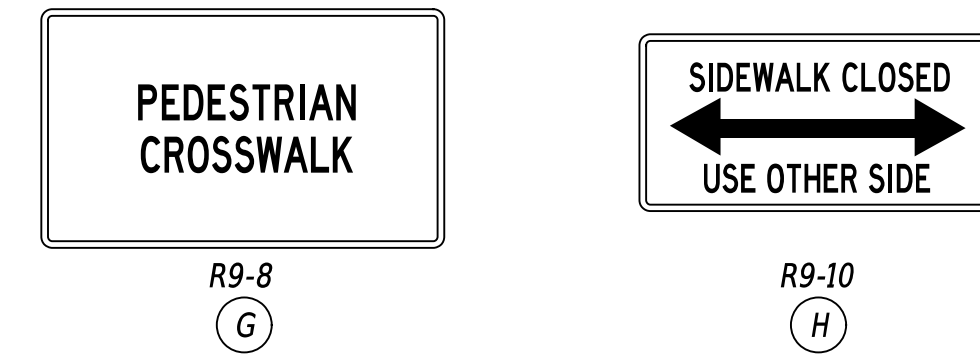
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PORTABLE CHANGEABLE MESSAGE SIGNS

SPECIAL SIGNS



LEGEND



GENERAL NOTES

- 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.
- BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

James Wynn

6/3/2025

TRAFFIC SAFETY DATE

SECTION
JMT
SHEET NO.
44

PEDESTRIAN DETOUR
PLAN H
PHASE 1 STAGE 3

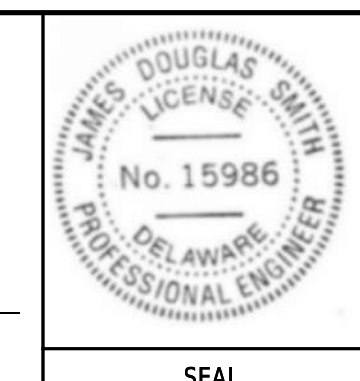
CONTRACT	PERMIT NO.	X
T202301103	DESIGNED BY:	J.SMITH
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

ADAMS STREET
SIDEWALK
IMPROVEMENTS

NOT TO SCALE

ADDENDA / REVISIONS

PREPARED BY
JMT
James D. Smith Jr.
06-03-2025
DATE



QA/QC REVIEWER
M. Wahed
06-03-2025
DATE

"I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

LAST REVISED: 05/04/2018 C:\BMS\DELDOT-PW-01\JDSMITH\MT-COM\DW579000\DP01_RDSF_T202301103_JMT.DGN

PORTABLE CHANGEABLE MESSAGE SIGNS

SPECIAL SIGNS



LEGEND

 M4-9b-DE	 M4-9b-DE	 M4-9b-DE
 M4-9b-DE	 M4-9b-DE	 M4-9b-DE1
 R9-8	 R9-10	
 R9-11(L)	 R9-11(R)	
 R9-11a(L)	 R9-11a(R)	 R9-9(MOD)
 R9-9	 R9-9(MOD)	 R9-9(MOD)
		 R9-9(MOD)

GENERAL NOTES

- 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.
- BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

James Wynn

6/3/2025

TRAFFIC SAFETY DATE

**PEDESTRIAN DETOUR
PLAN I
PHASE 2 STAGE 1**

SECTION
JMT
SHEET NO.
45

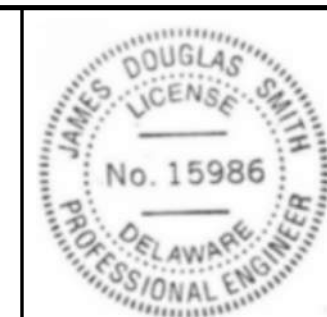
PREPARED BY
JMT

James D. Smith Jr.

06-03-2025

THIS SEAL ONLY APPLIES TO THIS DETOUR SHEET

DATE



SEAL

Mis Wahed

06-03-2025

QA/QC REVIEWER

DATE

"I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

ADDENDA / REVISIONS

NOT TO SCALE

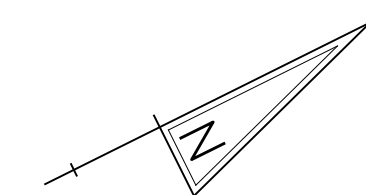
ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT
T202301103
COUNTY
NEW CASTLE

PERMIT NO. X
DESIGNED BY: J.SMITH
CHECKED BY: M. WAHED

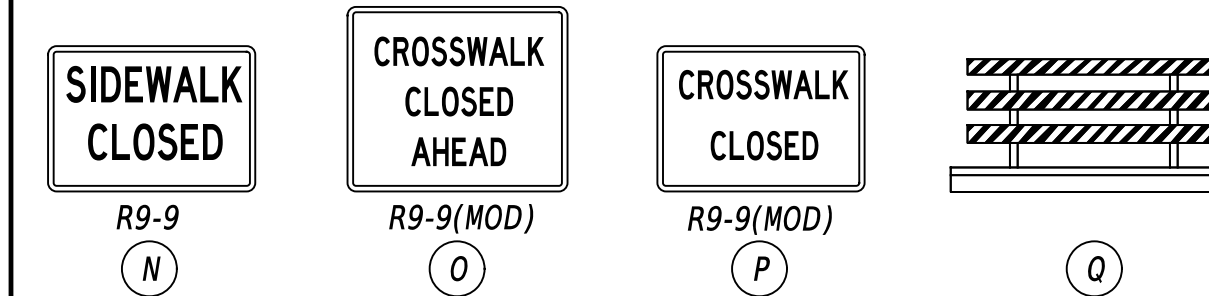
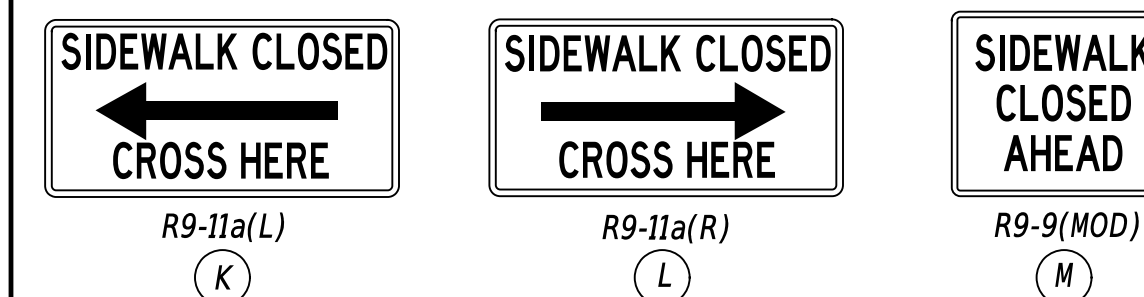
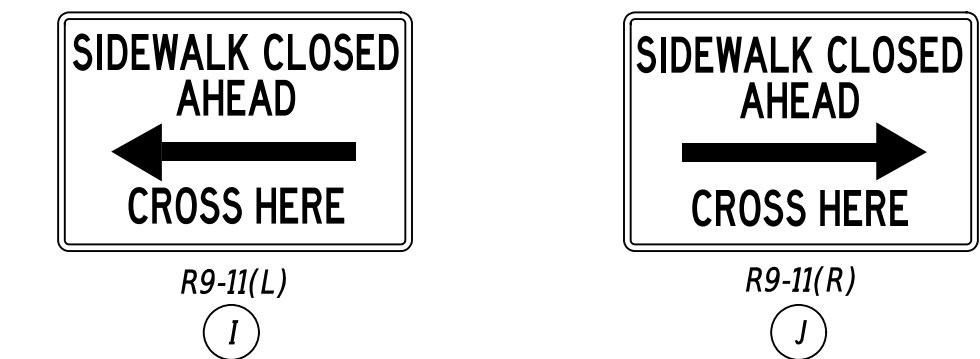
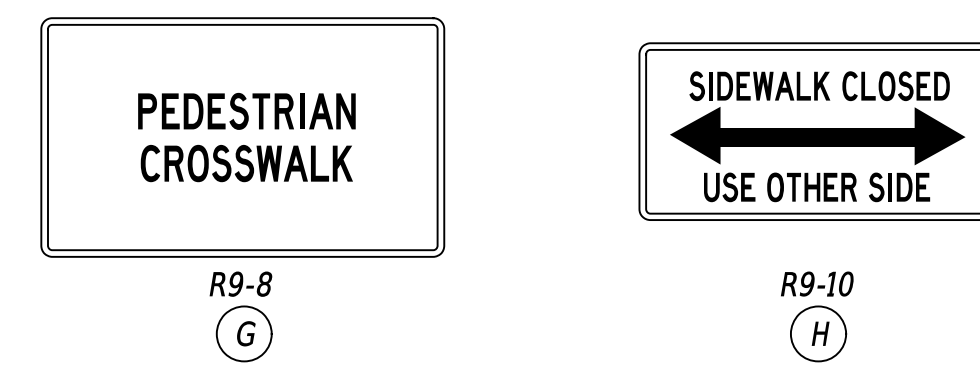
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PORTABLE CHANGEABLE MESSAGE SIGNS



SPECIAL SIGNS

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. BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

James Wynn _____ DATE **6/3/2025**

PREPARED BY
JMT
James D. Smith Jr.
05-30-2025
DATE



QA/QC REVIEWER
DATE
Mi Wahed
05-30-2025

"I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

ADDENDA / REVISIONS

NOT TO SCALE

ADAMS STREET
SIDEWALK
IMPROVEMENTS

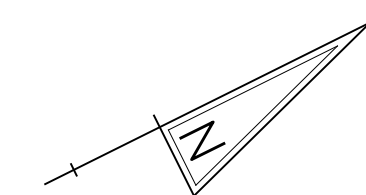
CONTRACT	PERMIT NO.	X
T202301103	DESIGNED BY:	J.SMITH
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

PEDESTRIAN DETOUR
PLAN J - CLOSURE OF 6TH
STREET CROSSWALK

SECTION	JMT
SHEET NO.	46

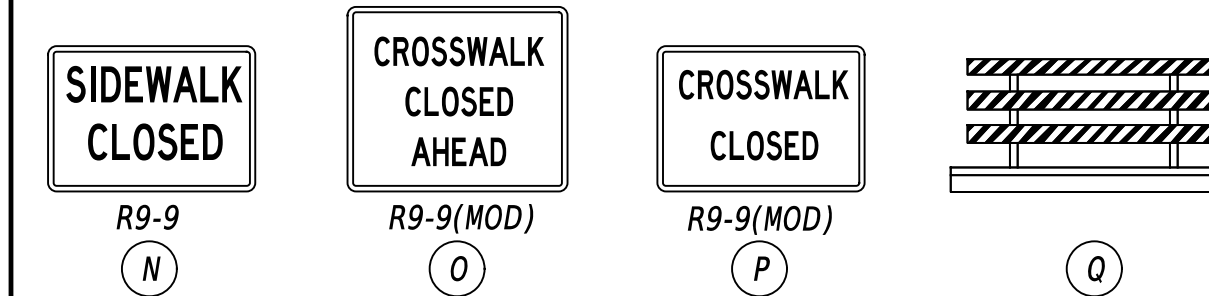
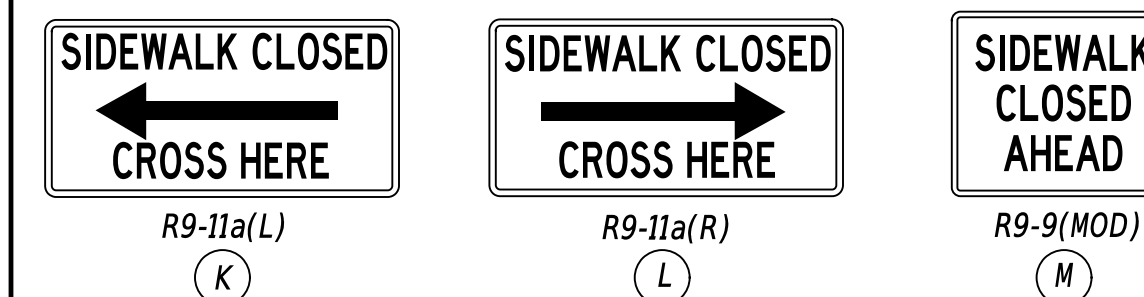
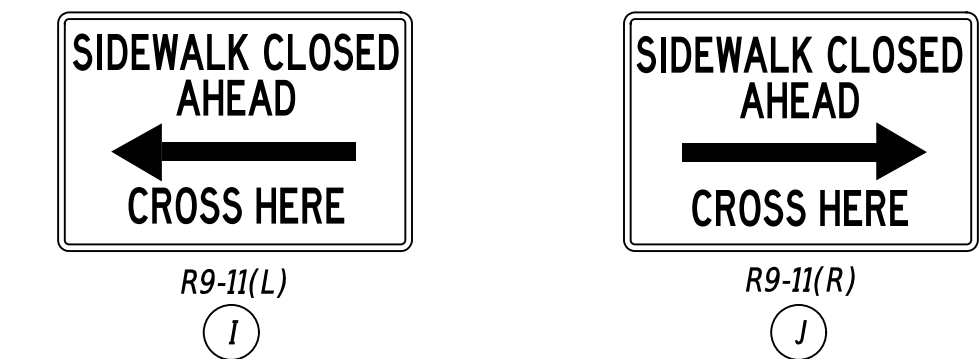
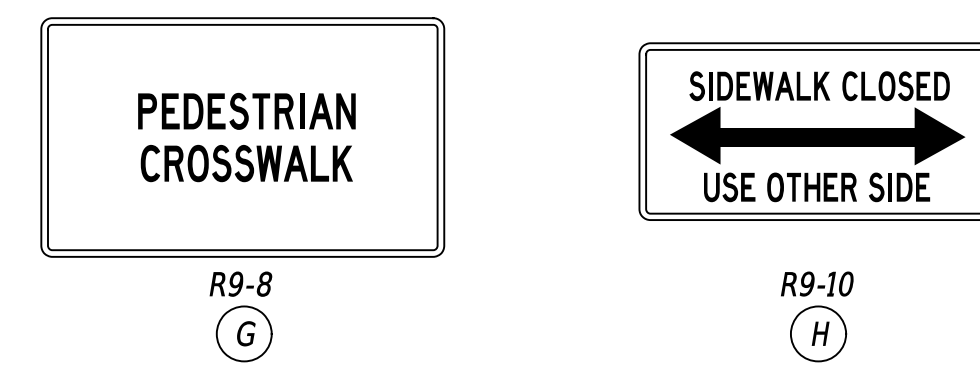
LAST REVISED: 05/04/2018 C:\BMS\DELDOT-PW-01\JDSMITH\MT-COM\DWG79000\DP01_RDSF_T202301103_JMT.DGN

PORTABLE CHANGEABLE MESSAGE SIGNS



SPECIAL SIGNS

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. BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

James Wynn

6/3/2025

TRAFFIC SAFETY DATE

PREPARED BY
JMT
James D. Smith Jr.
05-30-2025
DATE



QA/QC REVIEWER
Mi Waked
05-30-2025
DATE

"I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

ADDENDA / REVISIONS

NOT TO SCALE

ADAMS STREET
SIDEWALK
IMPROVEMENTS

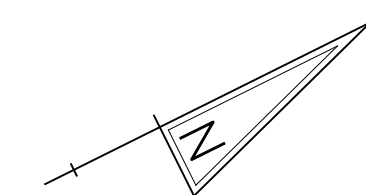
CONTRACT	PERMIT NO.	X
T202301103	DESIGNED BY:	J.SMITH
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

PEDESTRIAN DETOUR
PLAN K - CLOSURE OF 7TH
STREET CROSSWALK

SECTION	JMT
SHEET NO.	47

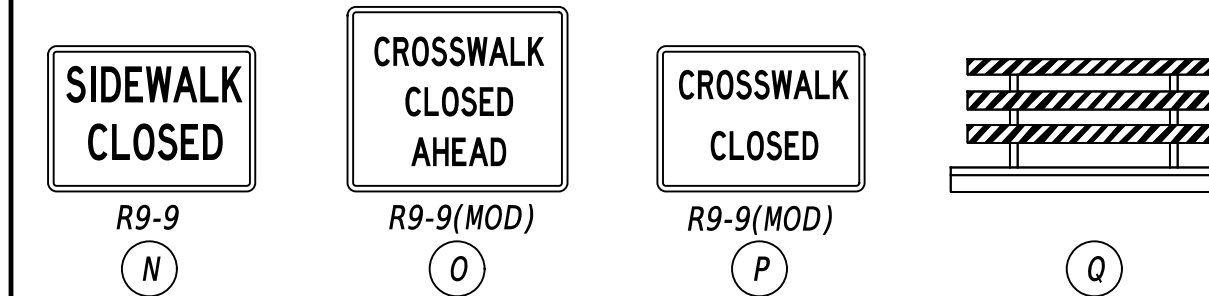
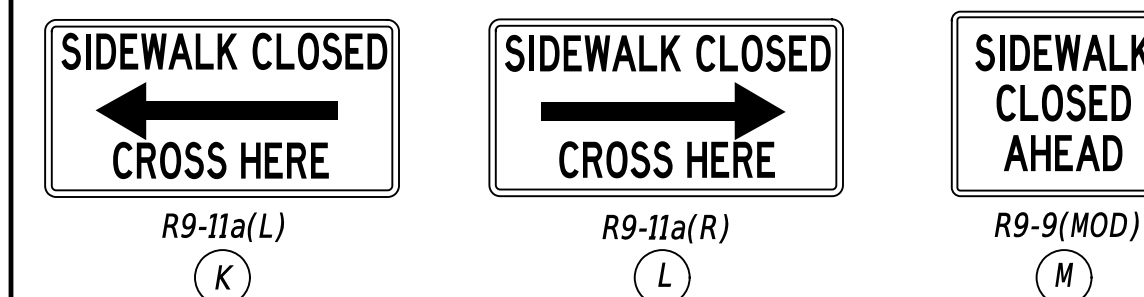
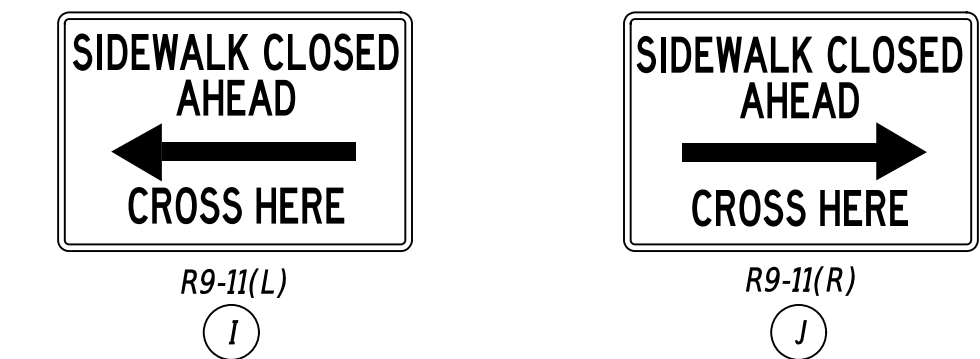
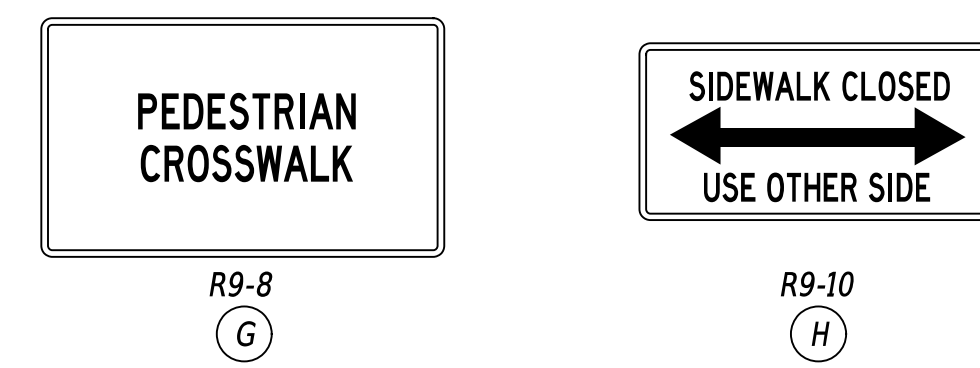
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PORTABLE CHANGEABLE MESSAGE SIGNS



SPECIAL SIGNS

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. BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

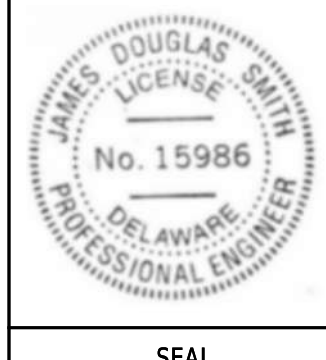
James W. Wayne 6/3/2025

TRAFFIC SAFETY DATE

**PEDESTRIAN DETOUR
PLAN L - CLOSURE OF 8TH
STREET CROSSWALK**

SECTION
JMT
SHEET NO.
48

PREPARED BY
JMT
James D. Smith Jr.
05-30-2025
DATE



QA/QC REVIEWER
Mi Wahed
05-30-2025
DATE

"I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

ADDENDA / REVISIONS

NOT TO SCALE

ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT	PERMIT NO.	X
T202301103	DESIGNED BY:	J.SMITH
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

LAST REVISED: 05/04/2018 C:\BMS\DELDOT-PW-01\JDSMITH\MT.COM\DWG79000.DP01_RDSF_T202301103_JMT.DGN

PORTABLE CHANGEABLE MESSAGE SIGNS

SPECIAL SIGNS



LEGEND

 M4-9b-DE	 M4-9b-DE	 M4-9b-DE
 M4-9b-DE	 M4-9b-DE	 M4-9b-DE1
 R9-8	 R9-10	
 R9-11(L)	 R9-11(R)	
 R9-11a(L)	 R9-11a(R)	 R9-9(MOD)
 R9-9	 R9-9(MOD)	 R9-9(MOD)
		 Q

GENERAL NOTES

- 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.
- BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

James Wynn 6/3/2025

TRAFFIC SAFETY DATE

**PEDESTRIAN DETOUR
PLAN M - CLOSURE OF 9TH
STREET CROSSWALK**

CONTRACT: T202301103
PERMIT NO.: X
DESIGNED BY: J.SMITH
COUNTY: NEW CASTLE
CHECKED BY: M. WAHED

NOT TO SCALE
ADAMS STREET
SIDEWALK
IMPROVEMENTS

ADDENDA / REVISIONS

PREPARED BY
JMT
James D. Smith Jr.
05-30-2025
DATE



QA/QC REVIEWER
Mis Wahed
05-30-2025
DATE

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

LAST REVISED: 05/04/2018 C:\BMS\DELDOT-PW-01\JDSMITH\MT-COM\DW579000\DP01_RDSF_T202301103_JMT.DGN

PORTABLE CHANGEABLE MESSAGE SIGNS

SPECIAL SIGNS



LEGEND

 M4-9b-DE	 M4-9b-DE	 M4-9b-DE
 M4-9b-DE	 M4-9b-DE	 M4-9b-DE1
 R9-8	 R9-10	
 R9-11(L)	 R9-11(R)	
 R9-11a(L)	 R9-11a(R)	 R9-9(MOD)
 R9-9	 R9-9(MOD)	 R9-9(MOD)
		 R9-9(MOD)

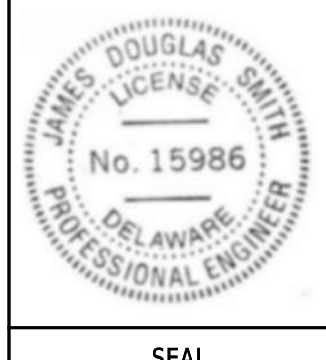
GENERAL NOTES

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- BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

James W. Wayne 6/3/2025

PREPARED BY
JMT
James D. Smith Jr.
05-30-2025
DATE



QA/QC REVIEWER
Mi Waked
05-30-2025
DATE

"I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

ADDENDA / REVISIONS

NOT TO SCALE

ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT	PERMIT NO.	X
T202301103	DESIGNED BY:	J.SMITH
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

**PEDESTRIAN DETOUR
PLAN N - CLOSURE OF 10TH
STREET CROSSWALK**

SECTION	JMT
SHEET NO.	50

LAST REVISED: 05/04/2018 C:\BMS\DELDOT-PW-01\JDSMITH\MT.COM\DWG79000\DP01_RDSF_T202301103_JMT.DGN

PORTABLE CHANGEABLE MESSAGE SIGNS

SPECIAL SIGNS



LEGEND

 M4-9b-DE	 M4-9b-DE	 M4-9b-DE
 M4-9b-DE	 M4-9b-DE	 M4-9b-DE1
 R9-8	 R9-10	
 R9-11(L)	 R9-11(R)	
 R9-11a(L)	 R9-11a(R)	 R9-9(MOD)
 R9-9	 R9-9(MOD)	 R9-9(MOD)
		 R9-9(MOD)

GENERAL NOTES

- 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.
- BARRICADES SHALL BE A MINIMUM OF 4 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

CONCURRENCE FOR IMPLEMENTATION

James Wynn 6/3/2025

PREPARED BY
JMT
James D. Smith Jr.
06-03-2025
DATE



QA/QC REVIEWER
Mu Waked
06-03-2025
DATE

"I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THIS DETOUR PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

ADDENDA / REVISIONS

NOT TO SCALE

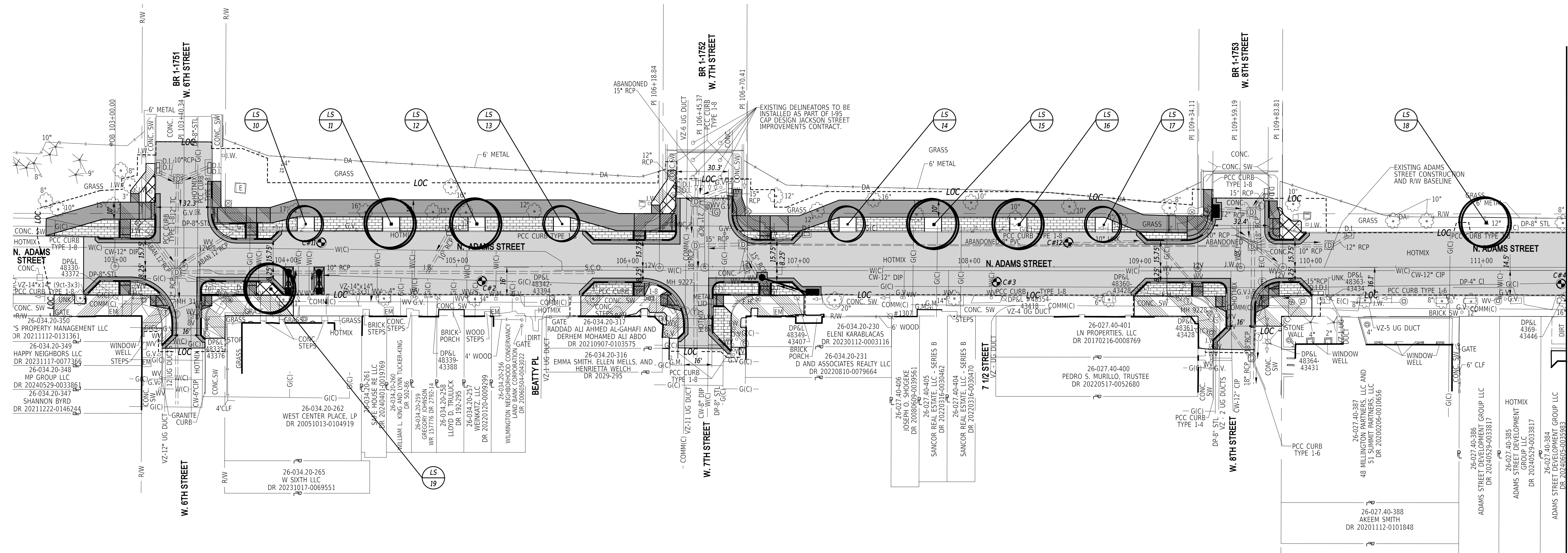
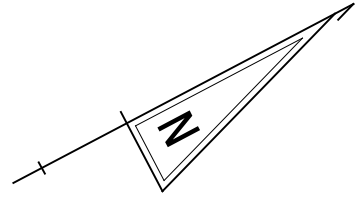
ADAMS STREET
SIDEWALK
IMPROVEMENTS

CONTRACT	PERMIT NO.	X
T202301103	DESIGNED BY:	J.SMITH
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

PEDESTRIAN DETOUR
PLAN O - CLOSURE OF 11TH STREET CROSSWALK

SECTION	JMT
SHEET NO.	51

LAST REVISED: 05/04/2018 C:\BMS\DELDOT-PW-01\JDSMITH\MT.COM\DWG79000\DP01_RDSF_T202301103_JMT.DGN



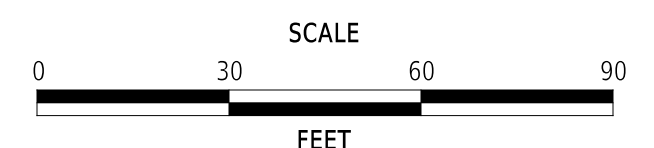
LANDSCAPE PLANTING SCHEDULE		
NO.	PLANTING DESCRIPTION	QTY
10	<i>Prunus 'Okame'</i>	1
11	<i>Nyssa sylvatica 'Haymanred'</i>	1
12	<i>Nyssa sylvatica 'Haymanred'</i>	1
13	<i>Prunus 'Okame'</i>	1
14	<i>Prunus 'Okame'</i>	1
15	<i>Nyssa sylvatica 'Haymanred'</i>	1
16	<i>Nyssa sylvatica 'Haymanred'</i>	1
17	<i>Prunus 'Okame'</i>	1
18	<i>Quercus acutissima</i>	1
19	<i>Quercus acutissima</i>	1

LANDSCAPE MAINTENANCE NOTE:

ALL PROPOSED TREES ARE LOCATED BETWEEN THE ROADWAY CURB AND SIDEWALK OR SHARED USE PATH WITHIN THE CITY OF WILMINGTON RIGHT-OF-WAY. AFTER FINAL ACCEPTANCE OF THE PROJECT, THE CITY SHALL ASSUME OWNERSHIP OF THE TREES AND SHALL PROVIDE ALL FUTURE MAINTENANCE. MAINTENANCE OPERATIONS SHALL INCLUDE, BUT NOT LIMITED TO; PRUNING, WEEDING, FERTILIZING, OR REMOVAL AND REPLACEMENT.

TREES THAT ARE LOCATED BETWEEN THE ROADWAY CURB AND SIDEWALK OR A SHARED USE PATH WITHIN THE CITY OF WILMINGTON RIGHT-OF-WAY ARE DESIGNATED AS STREET TREES AS PER [HTTPS://WWW.WILMINGTONDE.GOV/RESIDENTS/URBAN-FORESTRY-PROGRAM/PRIVATE-PROPERTY-VS-PUBLIC-RIGHT-OF-WAY](https://www.wilmingtonde.gov/residents/urban-forestry-program/private-property-vs-public-right-of-way)

ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

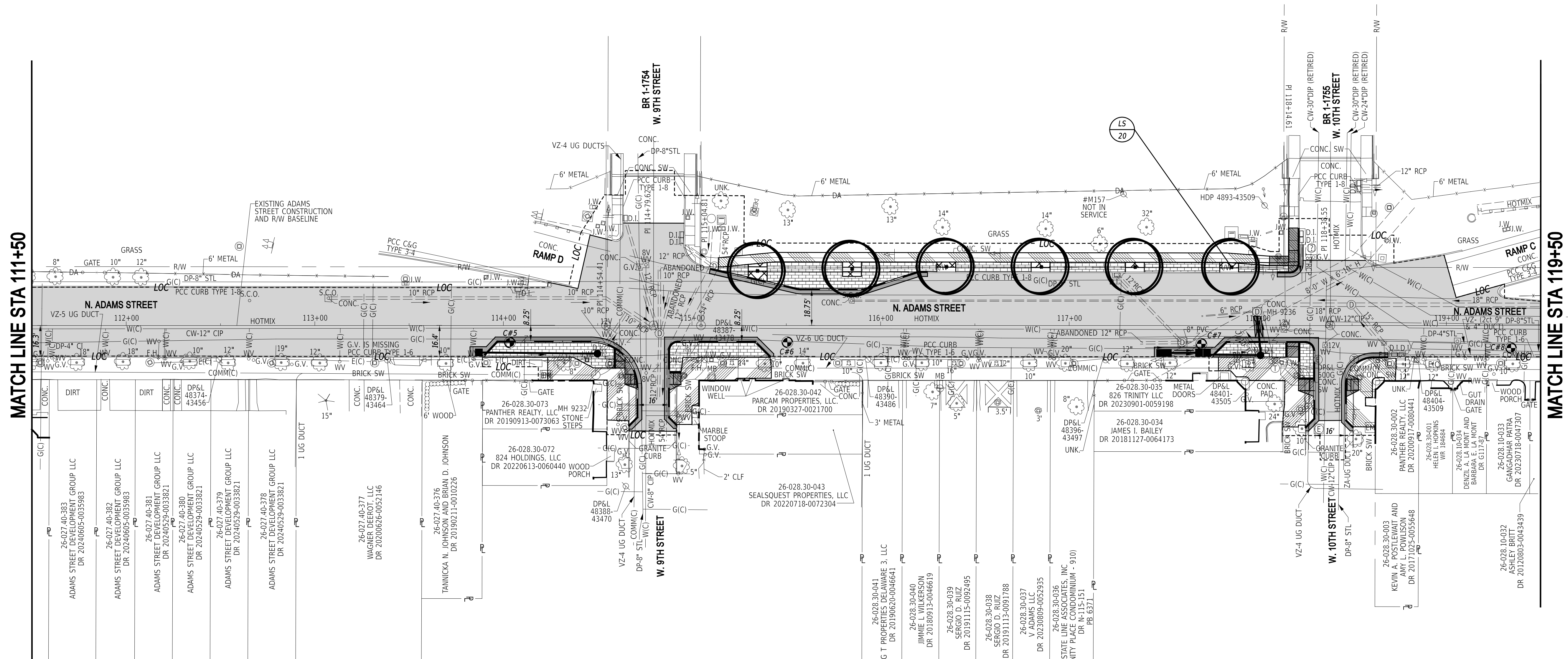
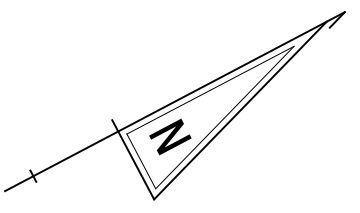
CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

LANDSCAPING PLAN

SECTION	JMT
SHEET NO.	52

8-MAY-2025
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MATCH LINE STA 111+50



MATCH LINE STA 111+50

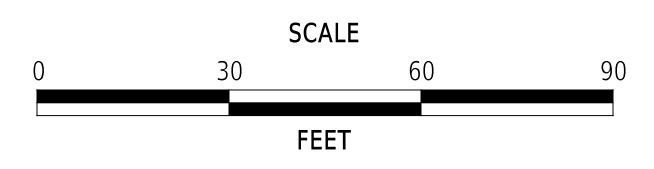
MATCH LINE STA 119+50

LANDSCAPE PLANTING SCHEDULE		
NO.	PLANTING DESCRIPTION	QTY
20	<i>Ulmus americana</i> 'Princeton'	6

LANDSCAPE MAINTENANCE NOTE:
 ALL PROPOSED TREES ARE LOCATED BETWEEN THE ROADWAY CURB AND SIDEWALK OR SHARED USE PATH WITHIN THE CITY OF WILMINGTON RIGHT-OF-WAY. AFTER FINAL ACCEPTANCE OF THE PROJECT, THE CITY SHALL ASSUME OWNERSHIP OF THE TREES AND SHALL PROVIDE ALL FUTURE MAINTENANCE. MAINTENANCE OPERATIONS SHALL INCLUDE, BUT NOT LIMITED TO; PRUNING, WEEDING, FERTILIZING, OR REMOVAL AND REPLACEMENT.

TREES THAT ARE LOCATED BETWEEN THE ROADWAY CURB AND SIDEWALK OR A SHARED USE PATH WITHIN THE CITY OF WILMINGTON RIGHT-OF-WAY ARE DESIGNATED AS STREET TREES AS PER
[HTTPS://WWW.WILMINGTONDE.GOV/RESOURCES/URBAN-FORESTRY-PROGRAM/PRIVATE-PROPERTY-VS-PUBLIC-RIGHT-OF-WAY](https://www.wilmingtonde.gov/resources/urban-forestry-program/private-property-vs-public-right-of-way)

ADDENDA / REVISIONS



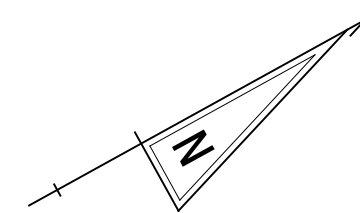
**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

LANDSCAPING PLAN

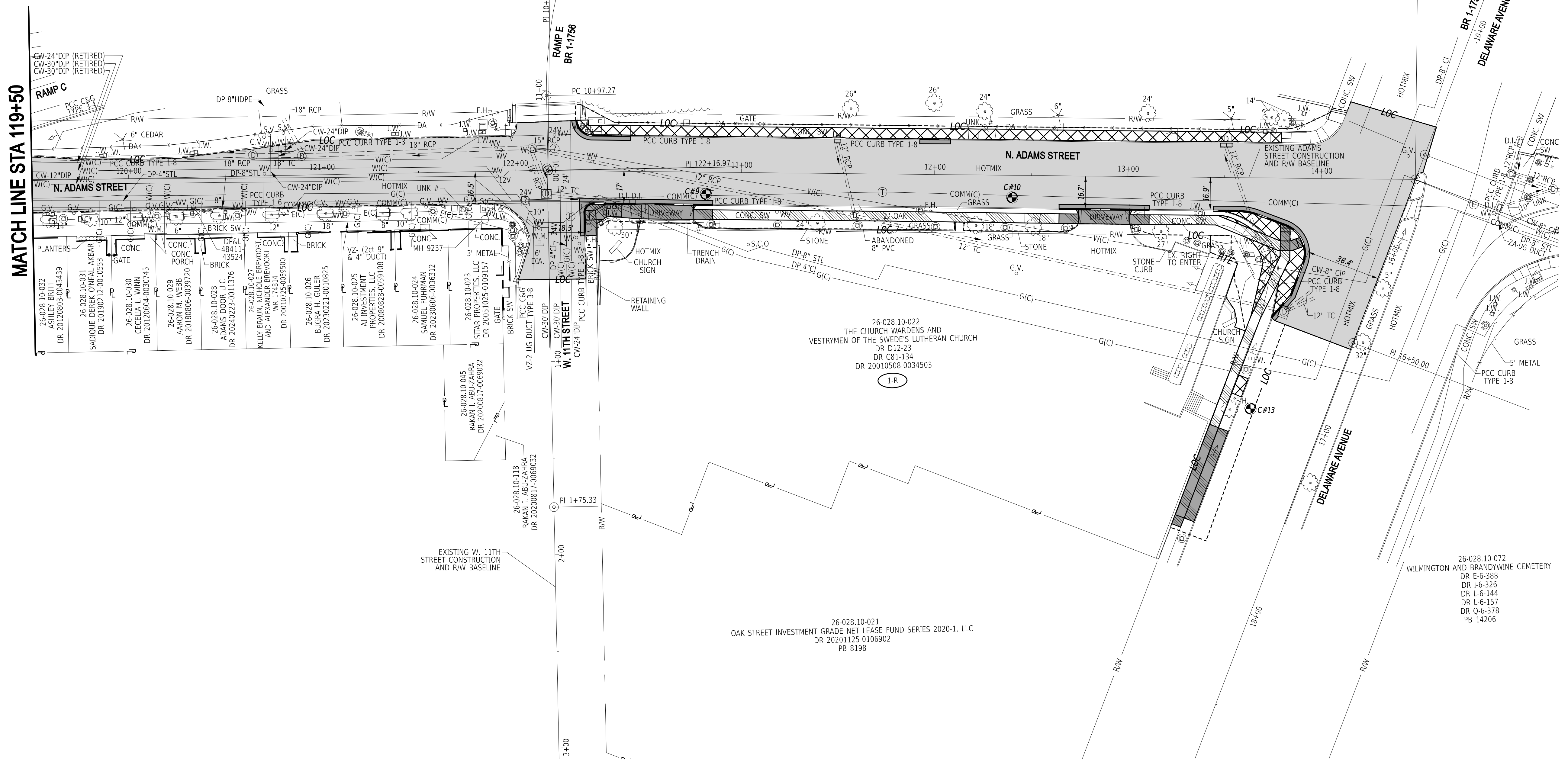
SECTION	JMT
SHEET NO.	53

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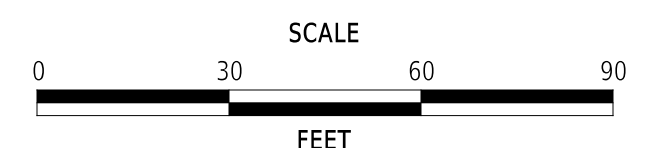
NO LANDSCAPE PLANTINGS THIS SHEET

MATCH LINE STA 119+50



8-MAY-2025
11:01
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ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

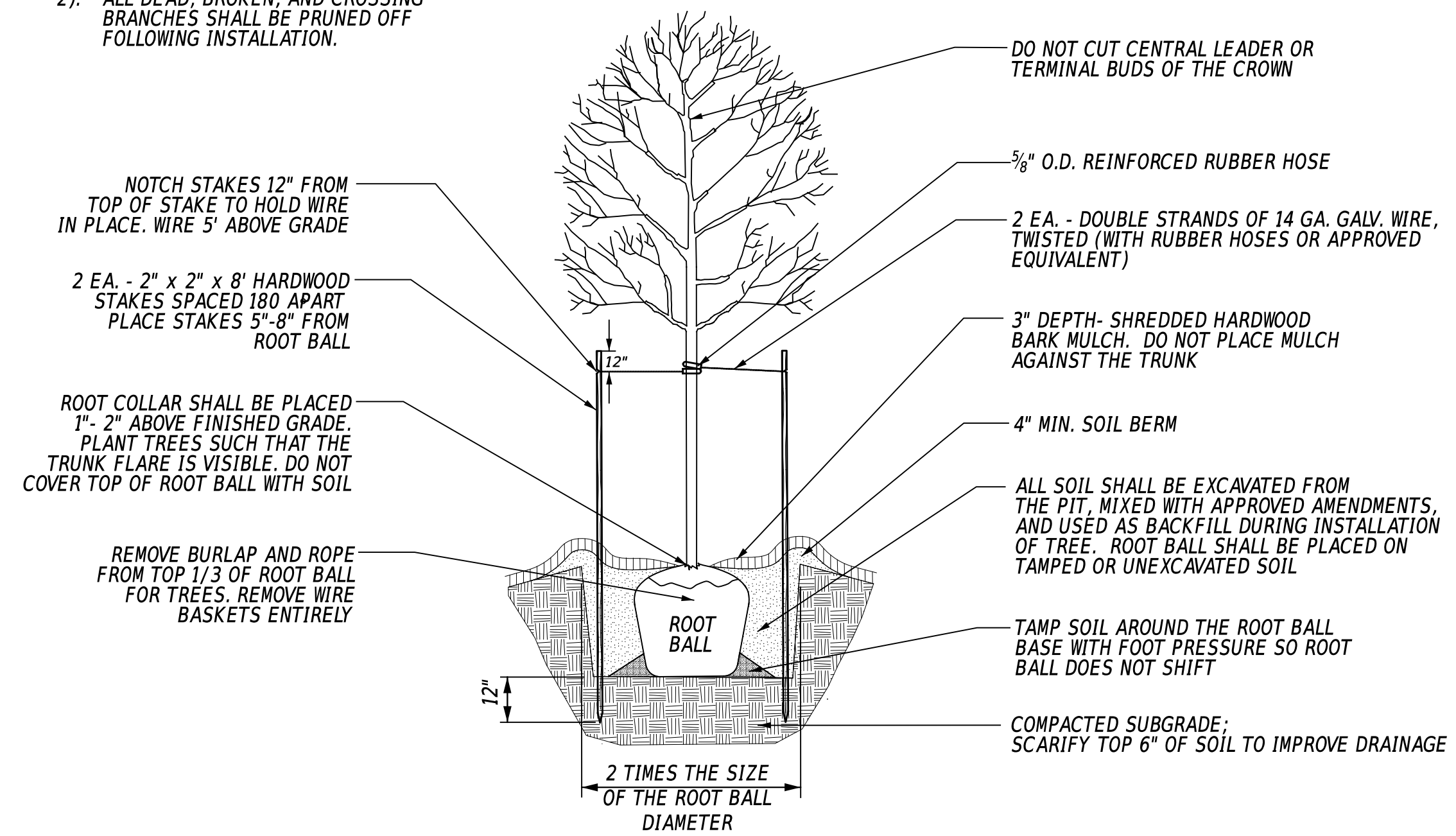
CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

LANDSCAPING PLAN

SECTION
JMT
SHEET NO.
54

NOTES:

- 1). ALL PRUNING SHALL BE DONE BY, OR UNDER THE DIRECTION OF, AN I.S.A. CERTIFIED ARBORIST. DO NOT HEAVILY PRUNE TREES AT PLANTING.
- 2). ALL DEAD, BROKEN, AND CROSSING BRANCHES SHALL BE PRUNED OFF FOLLOWING INSTALLATION.



DECIDUOUS SINGLE STEM TREE PLANTING DETAIL

NOT TO SCALE

LANDSCAPE SUMMARY

QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
4	<i>Nyssa sylvatica</i> 'Haymanred'	Red Rage Tupelo	1 1/2" - 1 3/4" cal.	B & B or 25 gal. cont.	as shown
4	<i>Prunus</i> 'Okame'	'Okame' Flowering Cherry	1 1/2" - 1 3/4" cal.	B & B or 25 gal. cont.	as shown
2	<i>Quercus acutissima</i>	Sawtooth Oak	1 1/2" - 1 3/4" cal.	B & B or 25 gal. cont.	as shown
6	<i>Ulmus americana</i> 'Princeton'	'Princeton' American Elm	1 1/2" - 1 3/4" cal.	B & B or 25 gal. cont.	as shown

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NOT TO SCALE

**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.LORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

LANDSCAPING PLAN

SECTION
JMT
SHEET NO.
55

LIGHTING SERVICE SCHEDULE					
SERVICE RUN	NO. OF CONDUITS	SIZE/TYPE	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF CABLE / WIRE
1	1	4" -HDPE	15'	B	(3)#10 + (1)#10 GND
2	1	4" -HDPE	70'	B	(3)#10 + (1)#10 GND
3	1	3" -PVC	15'	T	(2)#10 + (1)#10 GND
4	1	4" -HDPE	80'	B	(2)#10 + (1)#10 GND
5	1	3" -PVC	10'	T	(3)#10 + (1)#10 GND
6	1	3" -PVC	100'	T	(3)#10 + (1)#10 GND
7	1	3" -PVC	100'	T	(3)#10 + (1)#10 GND
8	1	3" -PVC	20'	T	(3)#10 + (1)#10 GND
9	1	4" -HDPE	100'	B	(3)#10 + (1)#10 GND
10	1	3" -PVC	15'	T	(3)#10 + (1)#10 GND
11	1	3" -PVC	95'	T	(3)#10 + (1)#10 GND
12	1	3" -PVC	105'	T	(2)#10 + (1)#10 GND

* DENOTES EXISTING SERVICE RUN. TYPES: HDPE, PVC, RGS. CB = CONDUIT IN BARRIER
INSTALL METHODS: B=BORE, IB=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH

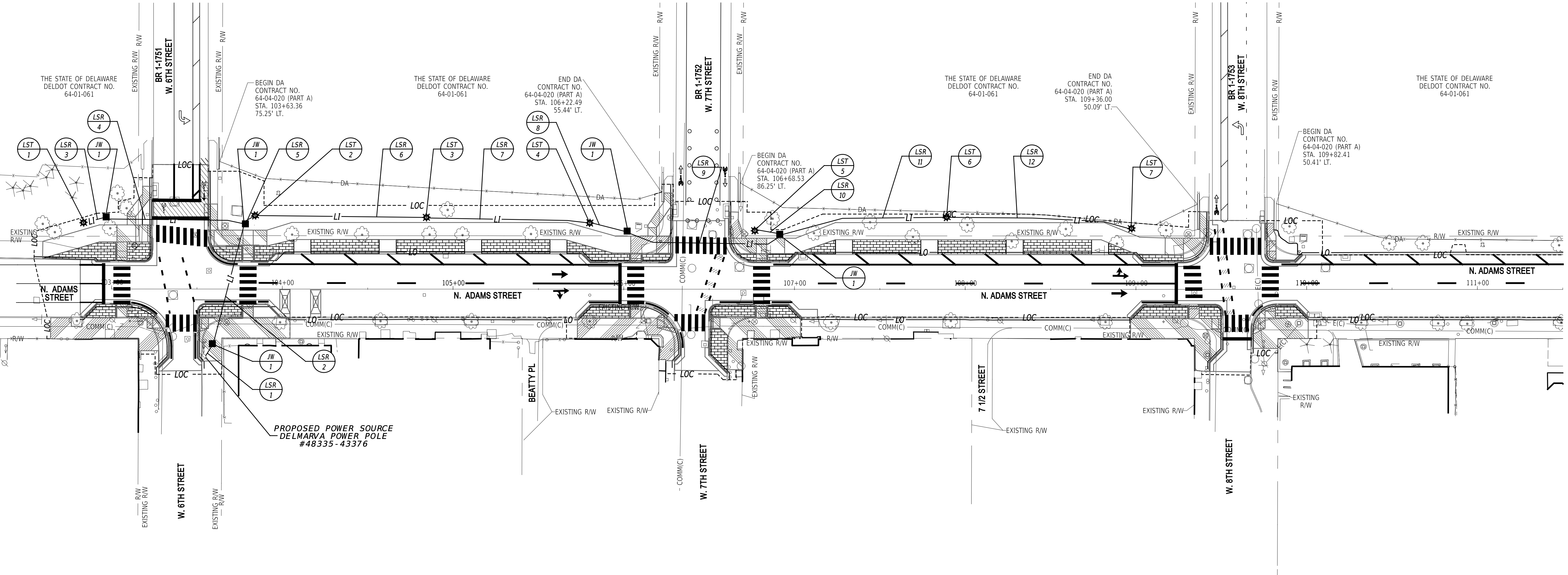
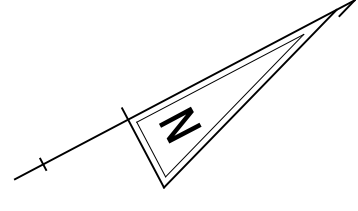
LIGHTING STANDARD SCHEDULE								
NO.	CIRCUIT NO.	STATION	OFFSET	ARM	LIGHT STANDARD	POLE BASE	LUMINAIRE	LIGHT DISTRIBUTION
1	A	102+83.64	38.90' LT	N/A	12' ORNAMENTAL PEDESTAL POLE	TYPE 4B	POST-TOP LED LUMINAIRE - 75W HPS EQUIVALENT	TYPE III
2	B	103+83.43	43.26' LT	N/A	12' ORNAMENTAL PEDESTAL POLE	TYPE 4B	POST-TOP LED LUMINAIRE - 75W HPS EQUIVALENT	TYPE III
3	A	104+84.37	43.41' LT	N/A	12' ORNAMENTAL PEDESTAL POLE	TYPE 4B	POST-TOP LED LUMINAIRE - 75W HPS EQUIVALENT	TYPE III
4	B	105+80.07	39.35' LT	N/A	12' ORNAMENTAL PEDESTAL POLE	TYPE 4B	POST-TOP LED LUMINAIRE - 75W HPS EQUIVALENT	TYPE III
5	A	106+75.77	34.80' LT	N/A	12' ORNAMENTAL PEDESTAL POLE	TYPE 4B	POST-TOP LED LUMINAIRE - 75W HPS EQUIVALENT	TYPE III
6	B	107+89.03	42.56' LT	N/A	12' ORNAMENTAL PEDESTAL POLE	TYPE 4B	POST-TOP LED LUMINAIRE - 75W HPS EQUIVALENT	TYPE III
7	A	108+97.39	36.08' LT	N/A	12' ORNAMENTAL PEDESTAL POLE	TYPE 4B	POST-TOP LED LUMINAIRE - 75W HPS EQUIVALENT	TYPE III

W = WATT
LED = LIGHT EMITTING DIODE
HPS = HIGH PRESSURE SODIUM

LEGEND



HAMILTON STYLE DECORATIVE LIGHT POLE WITH WASHINGTON STYLE LUMINAIRE



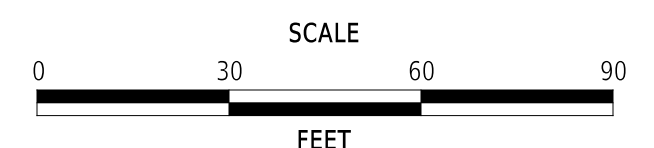
LIGHTING GENERAL NOTES:

- LOCATION OF CONDUIT MAY BE ADJUSTED IN FIELD TO AVOID EXISTING OR OTHER PROPOSED CONSTRUCTION FEATURES, SUBJECT TO APPROVAL BY THE ENGINEER. ALL CONDUITS AND POLES SHALL BE LOCATED WITHIN EXISTING/PROPOSED RIGHT-OF-WAY OR PERMANENT EASEMENT.
- UNLESS OTHERWISE NOTED, RUN UNSPLICED, CONTINUOUS CABLE FROM POINT OF SERVICE TO LIGHT POLE BASE, AND FROM LIGHT POLE BASE TO LIGHT POLE BASE.
- FOR ACCESS TO DELDOT OWNED LIGHTING EQUIPMENT, CONTACT THE NORTH DISTRICT MASTER ELECTRICIAN AT 302-894-6300 AT THE NORTH DISTRICT FACILITY AT LEAST 48 HOURS IN ADVANCE.
- BURIED ELECTRICAL CABLE AND CONDUIT, AND OTHER UTILITIES MAY EXIST THROUGHOUT THIS PROJECT. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. LOCATE AND PREVENT DAMAGE TO EXISTING UTILITIES AND MAINTAIN THEM IN SERVICE WHEN AND WHERE REQUIRED. VERIFY THE EXACT LOCATIONS PRIOR TO COMMENCING WORK. VERIFY THE LOCATION OF ALL EXISTING UTILITIES BY HAND EXCAVATION PRIOR TO TRENCHING BY MACHINE.

LIGHTING GENERAL NOTES (CONTD):

- ALL LIGHTING CONDUIT ENDS IN JUNCTION WELLS AND POLE BASES SHALL BE SEALED WITH PEST DETERRENT. USE BUBBLE WRAP IN CONDUITS AND AROUND THE WIRES WITH A 3/4 TO 1 INCH LAYER OF 3M FIRE BLOCK SEALANT (PART NO. FB136, GRAY IN COLOR) OR APPROVED EQUAL. THE FOAM SHALL BE INCIDENTAL TO THE ASSOCIATED CONDUIT.
- ALL LUMINAIRE DETAILS SHALL BE SUBMITTED TO THE ENGINEER FOR SHOP DRAWING REVIEW PRIOR TO CONSTRUCTION.
- HAMILTON STYLE PEDESTRIAN LIGHT POLES AND WASHINGTON POSTLITE LUMINAIRES (SEE PH1/ACE/DP DISTRIBUTION STANDARDS) WILL BE INSTALLED BY DELMARVA POWER. AFTER THEIR INSTALLATION, THE CITY OF WILMINGTON WILL ASSUME MAINTENANCE RESPONSIBILITY FOR THE LIGHT POLES AND LUMINAIRES. COORDINATE INSTALLATIONS WITH BILL GIBBONS (667-313-0921) AT DELMARVA POWER.
- DELMARVA WILL INSTALL HOLOPHANE WASHINGTON POSTLITE, TYPE III DISTRIBUTION, 3K COLOR TEMPERATURE LIGHT FIXTURES, OR APPROVED EQUAL.
- COORDINATE POLE BASE BOLT PATTERN WITH DELMARVA POWER PRIOR TO POLE BASE INSTALLATION.

ADDENDA / REVISIONS



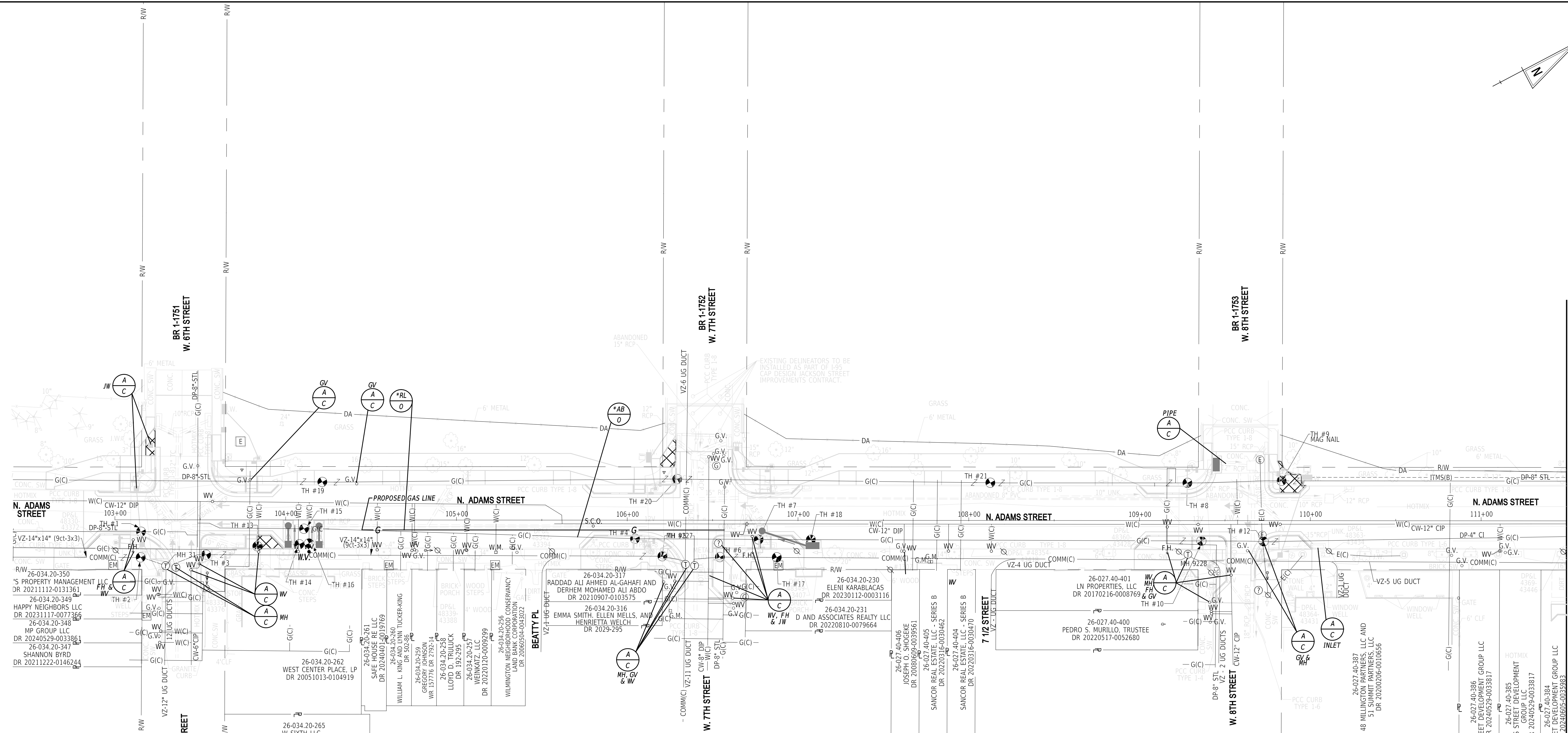
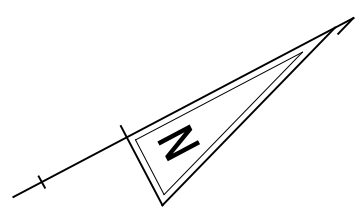
**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	S. MILLER
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

LIGHTING PLAN

LI-01
SECTION
JMT
SHEET NO.
56

27-MAY-2025
16:30
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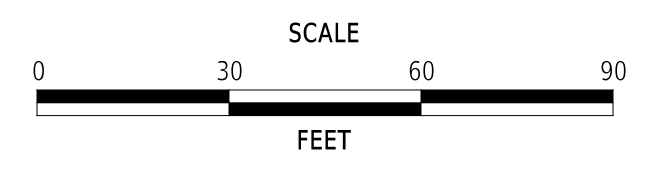


UTILITY TEST HOLE SCHEDULE

NO.	UTILITY	STATION	OFFSET	GROUND EL.	COVER	O. D. & MATERIAL
1	DP-G	102+58.35	6.38	76.94	4.49	8" STEEL
2	VZ	102+58.30	21.39	77.21	5.04	14" CONCRETE DUCT
3	VZ	103+53.41	19.84	77.24	4.92	14" CONCRETE DUCT
4	DP-G	106+04.57	10.32	84.66	2.82	5" CAST IRON
5	VZ	106+20.52	20.55	84.99	4.08	2 ROWS, 3-4" CONC.
6	VZ	106+54.16	21.15	84.98	4.25	2 ROWS, 3-4" CONC.
7	DP-G	106+76.95	10.87	85.82	3.18	5" STEEL
8	DP-G	109+27.97	-22.39	92.44	4.16	9" STEEL
9	DP-G	109+83.21	-23.46	92.31	3.84	9" STEEL
10	DP-G	109+36.13	11.58	90.79	4.51	5" CAST IRON
12	DP-G	109+72.52	11.98	90.89	3.39	5" STEEL
13	CW-W	103+83.39	14.81	78.03	2.96	1" COPPER
14	CW-W	104+07.99	13.68	78.71	2.92	1" COPPER
15	DP-G	104+10.73	4.59	79.12	3.39	9" STEEL
16	CW-W	104+13.72	13.11	78.91	3.20	1" COPPER
17	VZ	106+87.58	21.33	86.32	3.46	3-4" PLASTIC
18	DP-G	107+07.52	11.02	86.06	2.88	5" STEEL
19	DP-G	104+21.44	-22.81	81.06	4.41	9" STEEL
20	DP-G	106+29.35	-24.57	86.82	4.08	9" STEEL
21	DP-G	108+12.59	-22.39	89.22	3.23	9" STEEL

- NOTES:**
1. DELMARVA POWER GAS UPGRADE IN FY 2025. GAS MAIN WILL BE RETIRED IN PLACE ALONG ADAMS STREET FROM 4TH STREET TO DELAWARE AVENUE. WHERE IN CONFLICT CONTRACTOR SHALL CONFIRM GAS RETIREMENT WITH DELMARVA POWER GAS PRIOR TO REMOVAL.
 2. WATER SERVICE CROSSING THROUGH PROPOSED DRAINAGE PIPE P-2 IS IN CONFLICT. RELOCATE WATER SERVICE UNDER P-2.

ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

UTILITY RELOCATION PLAN

SECTION	JMT
SHEET NO.	57

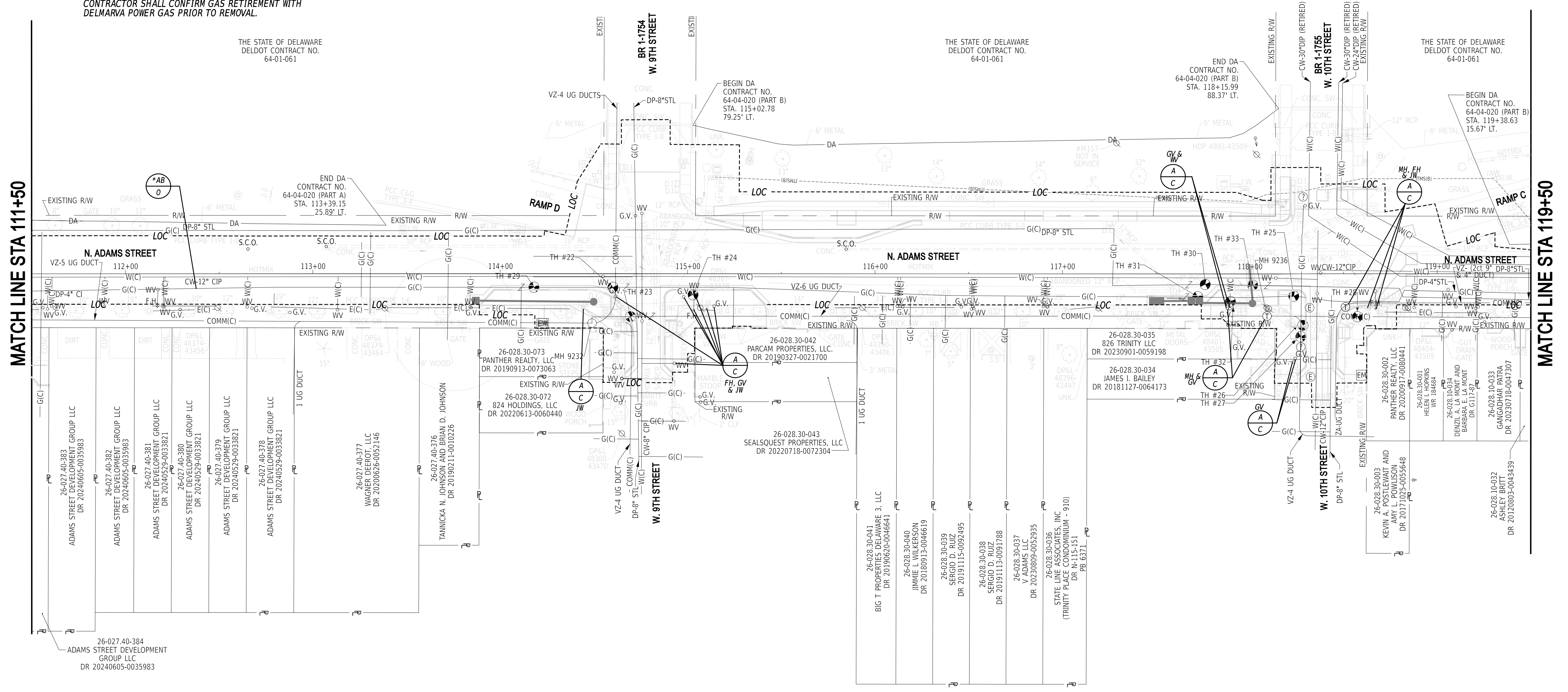
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MATCH LINE STA 111+50

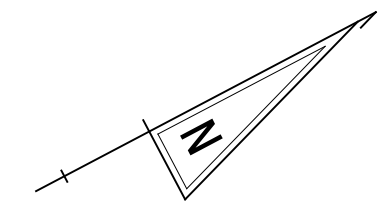
UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GROUND EL.	COVER	O.D. & MATERIAL
22	DP-G	114+60.15	7.35	92.83	1.92	9" STEEL
23	VZ	114+69.63	22.93	92.23	1.87	4-4" PVC
24	CW-W	115+02.95	11.23	92.63	2.70	8" INTER. 5" STEEL
25	DP-G	118+23.38	11.84	91.96	3.37	8" STEEL
26	DP-G	118+28.18	27.46	91.62	1.88	4" UNKNOWN
27	DP-G	118+26.99	33.49	91.54	2.78	7" STEEL
28	VZ	118+57.48	22.96	92.31	2.45	9" DUCT & 4" DUCT
29	DP-G	114+17.99	7.26	93.19	1.82	9" STEEL
30	DP-G	117+76.23	5.58	91.65	2.49	8" STEEL
31	DP-G	117+72.26	12.18	91.49	2.62	5" STEEL
32	CW-W	117+89.71	14.74	91.42	2.74	1" COPPER
33	DP-G	118+01.54	5.99	91.84	2.95	8" STEEL

NOTES:

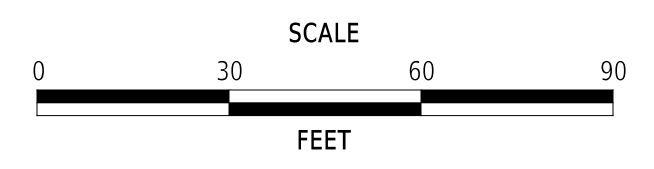
1. DELMARVA POWER GAS UPGRADE IN FY 2025. GAS MAIN WILL BE RETIRED IN PLACE ALONG ADAMS STREET FROM 4TH STREET TO DELAWARE AVENUE. WHERE IN CONFLICT CONTRACTOR SHALL CONFIRM GAS RETIREMENT WITH DELMARVA POWER GAS PRIOR TO REMOVAL.



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ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

UTILITY RELOCATION PLAN

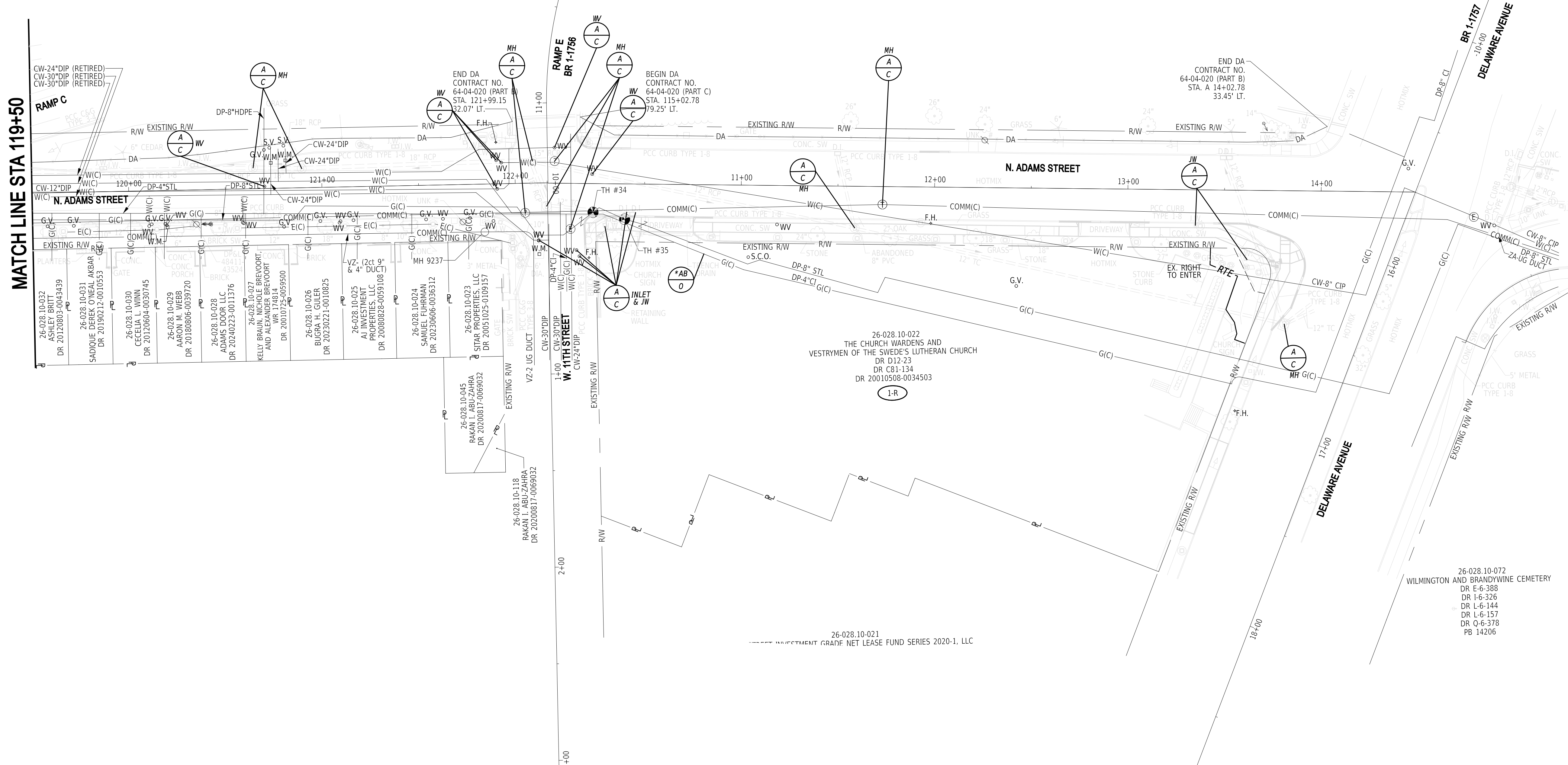
SECTION	JMT
SHEET NO.	58

UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GROUND EL.	COVER	O. D. & MATERIAL
34	DP-G	10+23.44	14.86	103.02	2.42	9" STEEL
35	DP-G	10+39.84	18.25	103.71	2.80	9" STEEL

NOTES:

- DELMARVA POWER GAS UPGRADE IN FY 2025. GAS MAIN WILL BE RETIRED IN PLACE ALONG ADAMS STREET FROM 4TH STREET TO DELAWARE AVENUE. WHERE IN CONFLICT CONTRACTOR SHALL CONFIRM GAS RETIREMENT WITH DELMARVA POWER GAS PRIOR TO REMOVAL.

MATCH LINE STA 119+50



THE STATE OF DELAWARE
DELDOT CONTRACT NO.
64-01-061

END DA
CONTRACT NO.
64-04-020 (PART B)
STA. A 14+02.78
33.45' LT.

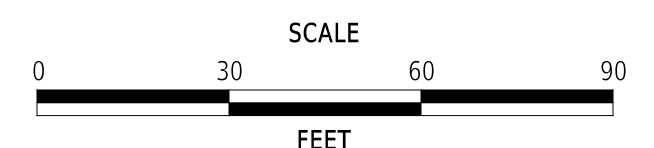
BEGIN DA
CONTRACT NO.
64-04-020 (PART C)
STA. A 115+02.78
79.25' LT.

END DA
CONTRACT NO.
64-04-020 (PART B)
STA. A 121+99.15
82.07' LT.

26-028.10-022
THE CHURCH WARDENS AND
VESTRYMEN OF THE SWEDEN'S LUTHERAN CHURCH
DR D12-23
DR C81-134
DR 20010508-0034503

26-028.10-072
WILMINGTON AND BRANDYWINE CEMETERY
DR E-6-388
DR I-6-326
DR L-6-144
DR L-6-157
DR Q-6-378
PB 14206

ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

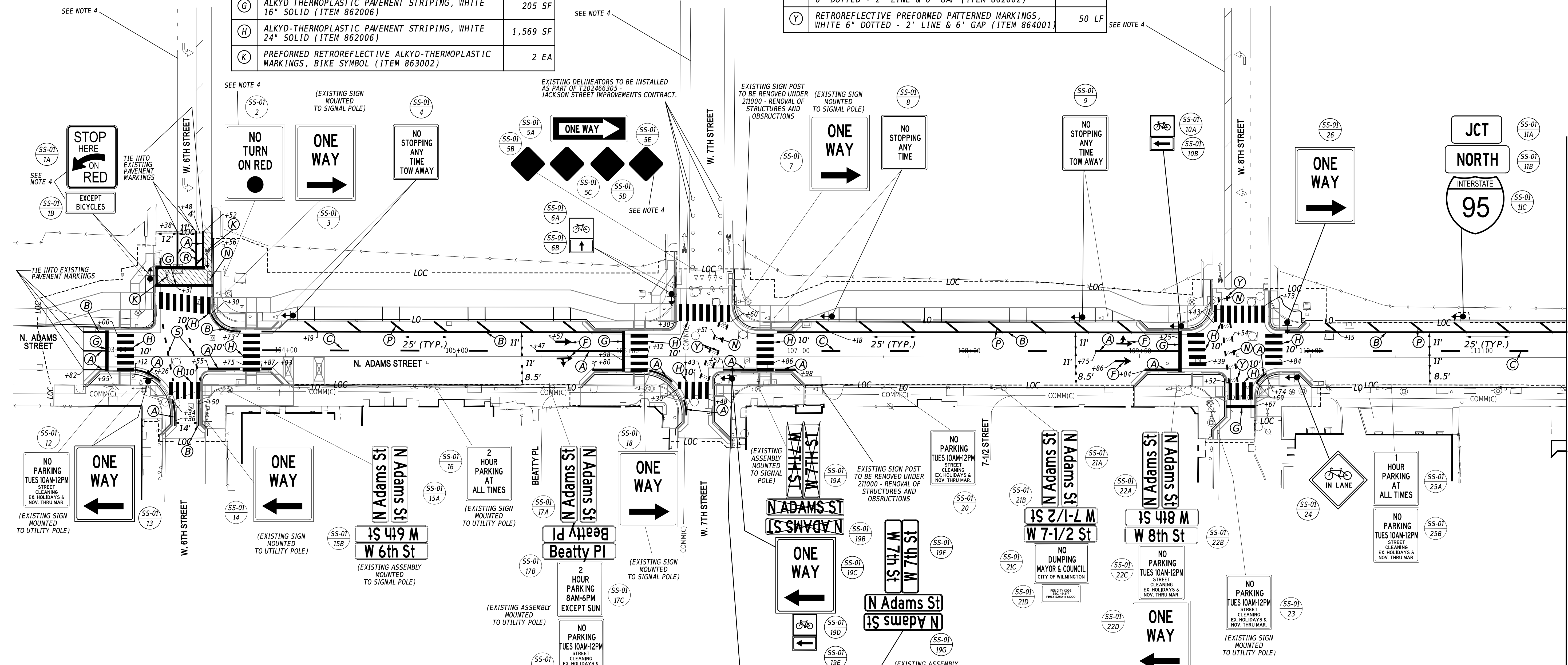
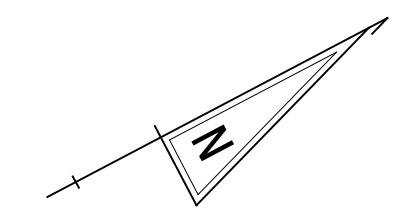
CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J.IORIO
COUNTY	CHECKED BY:	B.DOUGHERTY
NEW CASTLE		

UTILITY RELOCATION PLAN

SECTION
JMT
SHEET NO.
59

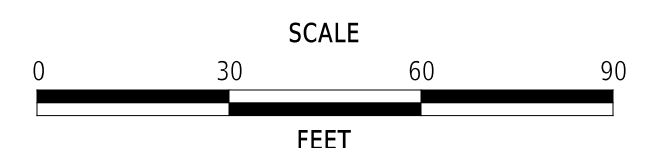
PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	340 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	725 LF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN 10" LINE & 30' GAP (ITEM 861001)	155 LF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	71 SF
(G)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	205 SF
(H)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	1,569 SF
(K)	PREFORMED RETROREFLECTIVE ALKYD-THERMOPLASTIC MARKINGS, BIKE SYMBOL (ITEM 863002)	2 EA

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(N)	EPOXY RESIN AND AGGREGATE (ITEM 861500)	70 SY
(P)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, YELLOW 12" SOLID (ITEM 862004)	230 LF
(R)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 862004)	10 LF
(S)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	20 LF
(Y)	RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 864001)	50 LF



- GENERAL SIGNING AND STRIPING NOTES:**
- INSTALL AND REMOVE ONLY THE REGULATORY, WARNING AND SPECIAL SIGNS AND POSTS NOTED IN THE PLANS WITHIN CONTRACT LIMITS. FURNISH ALL REGULATORY, WARNING AND SPECIAL SIGNS AND POSTS FOR INSTALLATION.
 - FIELD VERIFY THE LOCATIONS OF ALL EXISTING SIGNS BEFORE GIVING DIRECTION TO MANUFACTURE THE SIGNS.
 - ADDITIONAL STRIPING BEYOND CONTRACT LIMITS MAY BE REQUIRED TO REPLACE THE EXISTING STRIPING DUE TO MAINTENANCE OF TRAFFIC. ALL PROPOSED STRIPING SHALL TIE INTO EXISTING STRIPING. ACTUAL LIMITS TO BE DETERMINED BY THE ENGINEER.
 - EXISTING SIGNING AND STRIPING TO BE INSTALLED AS PART OF T2024066305 - JACKSON STREET IMPROVEMENTS CONTRACT.
 - STRIPING IDENTIFIER "N" - GREEN BICYCLE LANE PAVEMENT COATING IS ONLY SHOWN AS HATCHING FOR PRESENTATION PURPOSES. SOLID GREEN PAVEMENT MARKINGS WILL COVER THE ENTIRE AREA THAT IS MARKED AS HATCHING AS SHOWN ON THE PLANS.
 - REACH OUT TO DART TRANSIT AT 302-577-3278 FOR FABRICATION OF ALL DART BUS SIGNS (D4-3-DE).

ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J. CLEM/ S. BUNITSKY
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

**SIGNING, STRIPING
AND CONDUIT PLAN**

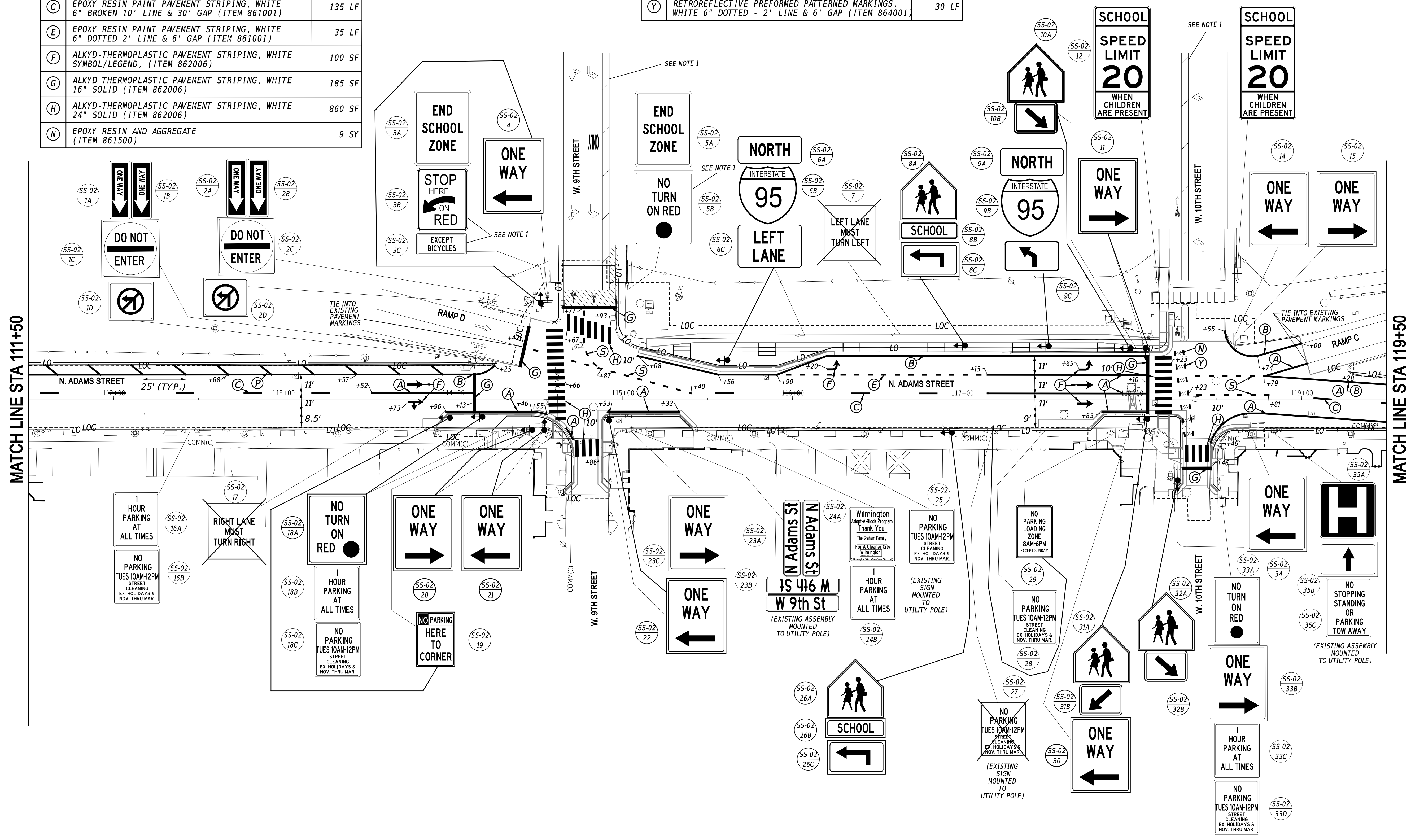
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SECTION
JMT
SHEET NO.
60

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MATCH LINE STA 111+50

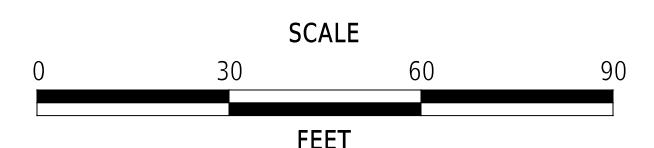
PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	620 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	795 LF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN 10' LINE & 30' GAP (ITEM 861001)	135 LF
(E)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED 2' LINE & 6' GAP (ITEM 861001)	35 LF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	100 SF
(G)	ALKYD THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	185 SF
(H)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	860 SF
(N)	EPOXY RESIN AND AGGREGATE (ITEM 861500)	9 SY

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(P)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, YELLOW 12" SOLID (ITEM 862004)	120 LF
(S)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	95 LF
(Y)	RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 864001)	30 LF



GENERAL SIGNING AND STRIPING NOTES:
 1. EXISTING SIGNING AND STRIPING TO BE INSTALLED AS PART OF T2024066305 - JACKSON STREET IMPROVEMENTS CONTRACT.

ADDENDA / REVISIONS



**ADAMS STREET
 SIDEWALK
 IMPROVEMENTS**

CONTRACT	BRIDGE NO.	N/A
T202301103	DESIGNED BY:	J. CLEM / S. BUNITSKY
COUNTY	CHECKED BY:	M. WAHED
NEW CASTLE		

**SIGNING, STRIPING
 AND CONDUIT PLAN**

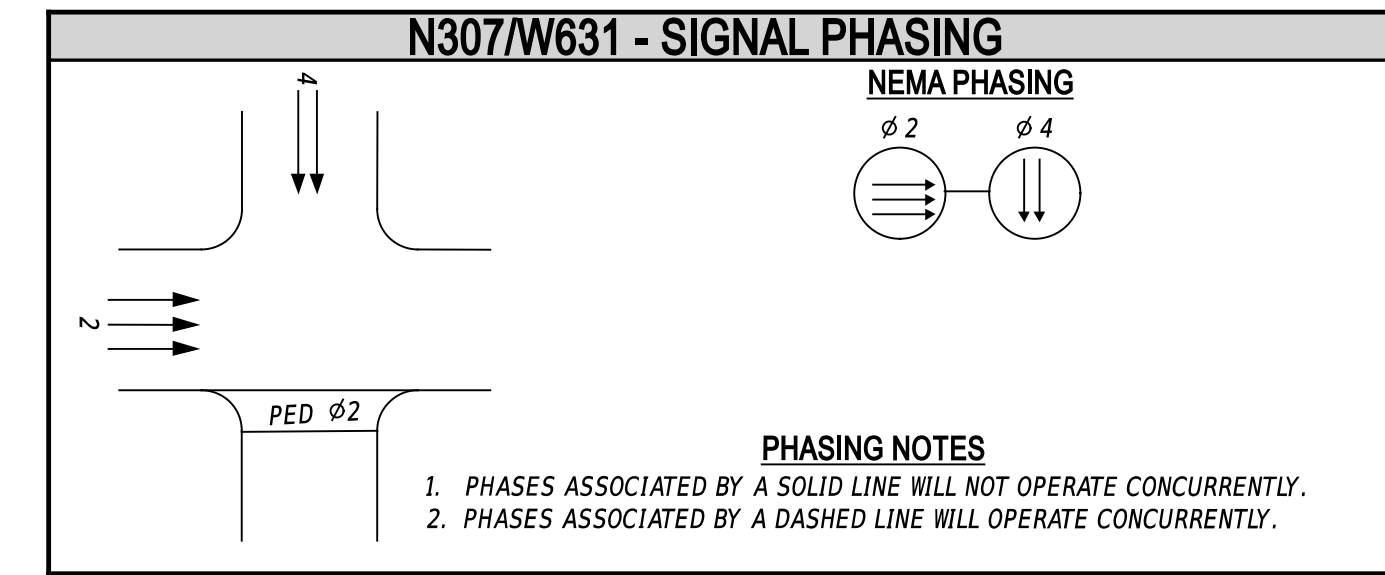
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PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,030 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID (ITEM 861001)	750 LF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN 10' LINE & 30' GAP (ITEM 861001)	180 LF
(F)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 862006)	275 SF
(G)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	103 SF
(H)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 862006)	660 SF
(S)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 862002)	50 LF

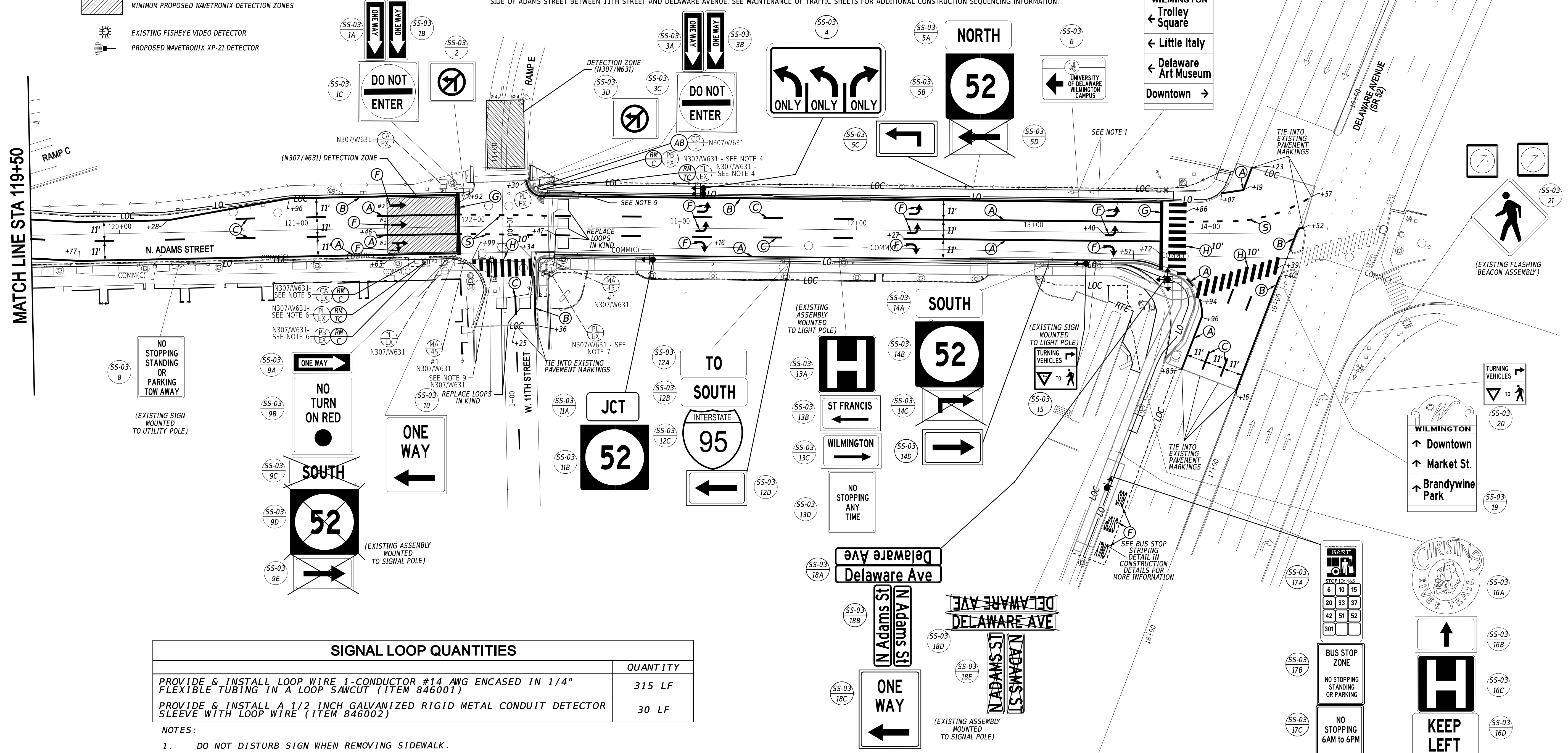
N307/W631 - GENERAL SIGNAL NOTES

- THE BELOW NOTES, AS WELL AS ANY CALLOUTS WITH THE "N307/W631" TAG, IS WORK TO BE COMPLETED TO THE N307/W631 - N. ADAMS STREET & 11TH STREET SIGNAL. THE TRAFFIC CONTRACTOR AND GENERAL CONTRACTOR SHALL REMOVE ANY SIGNAL EQUIPMENT ASSOCIATED WITH THE NORTHERLY CROSSWALK ACROSS ADAMS STREET. ONCE THE CROSSWALK HAS BEEN REMOVED, IMPLEMENT THE NEMA PHASING AS SHOWN IN THE DIAGRAM ON THIS SHEET.
- POLE BASES, CABINET BASES, AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER, AND SHALL BE PAID BY ITEM #211000. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE POLES, WIRING, AND ASSOCIATED SIGNAL EQUIPMENT, AND CABINET. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF THE POLE FOUNDATIONS. ABANDON EXISTING CONDUIT UNLESS LABELLED OTHERWISE. TRAFFIC CONTRACTOR SHALL REMOVE ANY CABLES IN EXISTING CONDUITS TO BE ABANDONED.
- THE RESIDENT ENGINEER SHALL NOTIFY DELDOT TRAFFIC/TMC, STEVE WEBER AT (302)576-2620, AND MARCUS POWEL AT (302)576-3086 AT LEAST 10 WORKING DAYS IN ADVANCE OF ANY SIGNAL WORK, CHANGES TO SIGNAL OPERATION, REMOVAL OF THE PHASE 4 PEDESTRIAN CROSSING, OR ACTIVATION OF THE WAVETRONIX SYSTEM/REMOVAL OF THE FISHEYE SYSTEM. THE RESIDENT ENGINEER SHALL NOTIFY STEVE WEBER AND MARCUS POWEL AT LEAST 10 WORKING DAYS IN ADVANCE OF THE CITY NEEDING TO DO ANY TIMING UPDATES.
- TRAFFIC CONTRACTOR SHALL REMOVE EXISTING PEDESTAL POLE AND ASSOCIATED PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON ASSOCIATED WITH THE NORTHERLY CROSSWALK ACROSS NORTH ADAMS STREET. ABANDON EXISTING CONDUIT #1. TRAFFIC CONTRACTOR SHALL REMOVE EXISTING 5/8" 14 CABLE BETWEEN CABINET AND PEDESTAL POLE. GENERAL CONTRACTOR SHALL REMOVE PEDESTAL POLE BASE.
- GENERAL CONTRACTOR SHALL REMOVE THE EXISTING CABINET FOUNDATION ASSOCIATED WITH PREVIOUS SPAN-WIRE SIGNAL.
- TRAFFIC CONTRACTOR SHALL REMOVE THE STRAIN POLE ASSOCIATED WITH PREVIOUS SPAN-WIRE SIGNAL, AND RETURN THE STRAIN POLE TO THE CITY OF WILMINGTON. TRAFFIC CONTRACTOR SHALL COORDINATE WITH THOMAS SMITH WITH DELMARVA AT 667-313-195 FOR THE REMOVAL OF THE OVERHEAD LINE AND METER PAN AT LEAST 30 DAYS IN ADVANCE OF THE REMOVAL OF THE STRAIN POLE. GENERAL CONTRACTOR SHALL REMOVE STRAIN POLE BASE AT LEAST 2 FEET BELOW PROPOSED GRADE.
- TRAFFIC CONTRACTOR SHALL REMOVE PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON ASSOCIATED WITH THE NORTHERLY CROSSWALK ACROSS NORTH ADAMS STREET, AND PLUG HOLE IN PEDESTAL POLE. TRAFFIC CONTRACTOR SHALL REMOVE EXISTING 5/8" 14 CABLE ASSOCIATED WITH THIS PEDESTRIAN SIGNAL HEAD BETWEEN CABINET AND PEDESTAL POLE. EXISTING PEDESTRIAN SIGNAL HEAD AND PUSH BUTTON ASSOCIATED WITH THE WESTERLY CROSSWALK ACROSS 11TH STREET TO REMAIN.
- GENERAL CONTRACTOR TO REPLACE SYSTEM LOOPS IN KIND AS SHOWN ON PLAN. SPLICE TRAFFIC SIGNAL DETECTION LOOP WIRES IN THE EXISTING JUNCTION WELLS. DO NOT DISTURB HOME RUN CABLES.
- INSTALL NEW WAVETRONIX XP-21 DETECTION SYSTEM WITH DETECTION ZONES AS SHOWN, FOLLOWING ALL MANUFACTURER RECOMMENDATIONS. MOUNT THE DEVICE TO MAST ARM #1 AS SHOWN. UTILIZE SUPPLIED WAVETRONIX XP-21 CABLES TO CONNECT THE DETECTOR TO THE CABINET USING CONDUITS ALONG WEST SIDE OF ADAMS STREET. ONCE THE WAVETRONIX SYSTEM IS OPERATIONAL, DEACTIVATE AND REMOVE THE EXISTING FISHEYE DETECTOR FROM MAST ARM #2, AND REMOVE FISHEYE SYSTEM FROM CABINET AND CABLES FROM CONDUITS.
- DEACTIVATE AND REMOVE NORTHERLY CROSSWALK SIGNAL EQUIPMENT AND CROSSWALK STRIPING CONCURRENTLY. REMOVE THESE ITEMS PRIOR TO REMOVING SIDEWALK ALONG THE WEST SIDE OF ADAMS STREET BETWEEN 11TH STREET AND DELAWARE AVENUE. SEE MAINTENANCE OF TRAFFIC SHEETS FOR ADDITIONAL CONSTRUCTION SEQUENCING INFORMATION.



ADDITIONAL LEGEND

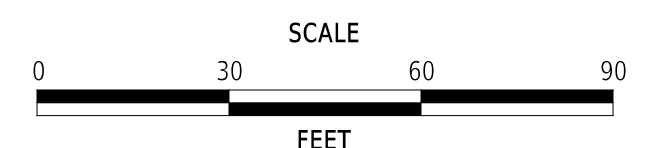
- MINIMUM PROPOSED WAVETRONIX DETECTION ZONES
- EXISTING FISHEYE VIDEO DETECTOR
- PROPOSED WAVETRONIX XP-21 DETECTOR



SIGNAL LOOP QUANTITIES	
	QUANTITY
PROVIDE & INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT (ITEM 846001)	315 LF
PROVIDE & INSTALL A 1/2 INCH GALVANIZED RIGID METAL CONDUIT DETECTOR SLEEVE WITH LOOP WIRE (ITEM 846002)	30 LF

- NOTES:
- DO NOT DISTURB SIGN WHEN REMOVING SIDEWALK.

ADDENDA / REVISIONS



ADAMS STREET SIDEWALK IMPROVEMENTS

CONTRACT	T202301103	BRIDGE NO.	N/A
COUNTY	NEW CASTLE	DESIGNED BY:	J. CLEM/ S. BUNITSKY
		CHECKED BY:	M. WAHED

SIGNING, STRIPING AND CONDUIT PLAN

SS-03	SECTION
	JMT
	SHEET NO.
	62

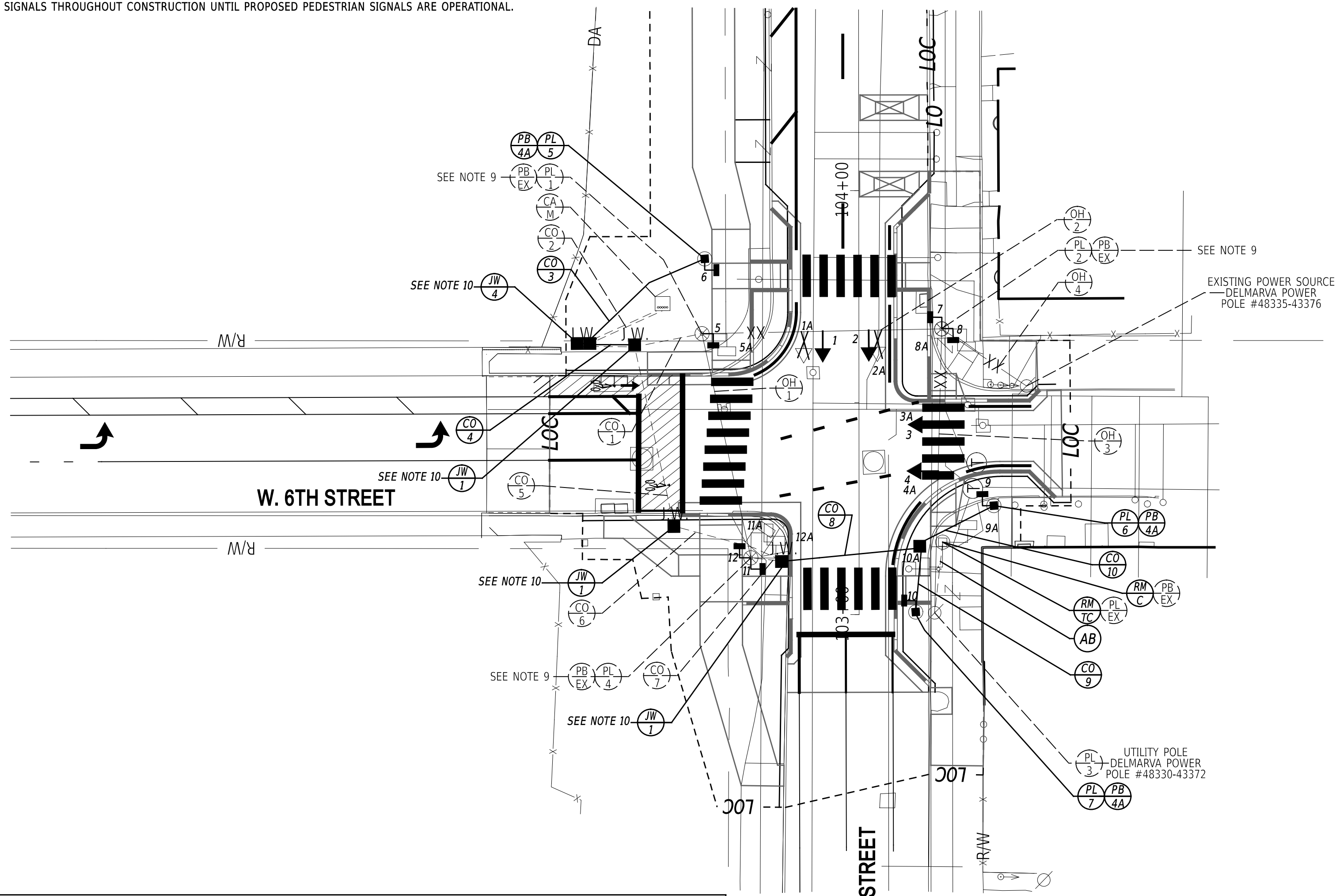
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PERMANENT SIGN SCHEDULE - NORTH ADAMS STREET

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)	SIGN DISPOSITION	X14A FLAT SHEET ALUMINUM SIGN PANELS (TYPE XI SHEETING) SIGNS ON POLES, SPAN WIRES, MAST ARMS (TRAFFIC SUPPLY)	ITEM 823001 INSTALLATION OF SIGN ON SPAN WIRE OR MAST ARM (SF) TRAFFIC CONTRACTOR ITEM, EXCEPT FOR PILOT PROJECTS	REMARKS
										SIGN DISPOSITION	REMOVE	INSTALL		SIGN POST DISPOSITION	REMOVE	INSTALL							
SS-01	1A	R10-6a(24)	1	STOP HERE ON RED (Curved Arrow) - 24x30	24	30	5.0																
SS-01	1B	R3-7bP	1	EXCEPT BICYCLES (PLAQUE)	24	12						1											
SS-01	2	R10-11(24)	1	NO TURN ON RED (Ball) - 24x30	24	30																	
SS-01	3	R6-2_R(18)	1	ONE WAY (RIGHT ARROW) - 18x24	18	24																	
SS-01	4	R7-4-DE(12)	1	NO STOPPING, STANDING, OR PARKING - 12x18	12	18	1.5																
SS-01	5A	R6-1_R(54)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 54x18	54	18																	
SS-01	5B	OM4-3	1	END OF ROAD OBJECT MARKER	18	18																	
SS-01	5C	OM4-3	1	END OF ROAD OBJECT MARKER	18	18																	
SS-01	5D	OM4-3	1	END OF ROAD OBJECT MARKER	18	18																	
SS-01	5E	OM4-3	1	END OF ROAD OBJECT MARKER	18	18																	
SS-01	6A	D11-1a	1	BIKE (Symbol)	18	18	2.3																
SS-01	6B	M6-3(B)	1	DIRECTIONAL ARROW (Up) - 12x9	12	9	0.8																
SS-01	7	R6-2_R(18)	1	ONE WAY (RIGHT ARROW) - 18x24	18	24																	
SS-01	8	R7-4	1	NO STANDING ANY TIME	12	18	1.5																
SS-01	9	R7-4	1	NO STANDING ANY TIME	12	18	1.5																
SS-01	10A	D11-1a	1	BIKE (Symbol)	18	18	2.3																
SS-01	10B	M6-1_L(B)	1	DIRECTIONAL ARROW (Left) - 12x9	12	9	0.8																
SS-01	11A	M2-1(21)	1	JUNCTION - 21x15	21	15	2.2															BLUE BACKGROUND, WHITE LETTERS	
SS-01	11B	M3-1(24)	1	CARDINAL DIRECTION - NORTH - 24x12	24	12	2.0															BLUE BACKGROUND, WHITE LETTERS	
SS-01	11C	M1-1(24)	1	INTERSTATE ROUTE (2 - Digit Sign) - 24x24	24	24	4.0															95 (BLUE BACKGROUND, WHITE LETTERS)	
SS-01	12	R7-108	1	XX HR PARKING X:XX AM TO X:XX PM	12	18																NO PARKING TUES 10AM-12PM STREET CLEANING EX. HOLIDAYS & NOV. THRU MAR.	
SS-01	13	R6-2_L(18)	1	ONE WAY (LEFT ARROW) - 18x24	18	24	3.0																
SS-01	14	R6-2_L(18)	1	ONE WAY (LEFT ARROW) - 18x24	18	24																	
SS-01	15A	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12																"N Adams St"	
SS-01	15B	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12																"W 8th St"	
SS-01	16	R7-108	1	XX HR PARKING X:XX AM TO X:XX PM	12	18																2 HOUR PARKING AT ALL TIMES	
SS-01	17A	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12																"N Adams St"	
SS-01	17B	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12																"Beatty Pl"	
SS-01	17C	R7-108	1	XX HR PARKING X:XX AM TO X:XX PM	12	18																2 HOUR PARKING 8AM-6PM EXCEPT SUN	
SS-01	17D	R7-108	1	XX HR PARKING X:XX AM TO X:XX PM	12	18																NO PARKING TUES 10A-12P STREET CLEANING	
SS-01	18	R6-2_R(18)	1	ONE WAY (RIGHT ARROW) - 18x24	18	24																	
SS-01	19A	D3-1(18)	1	STREET NAME (1 Line)	30	9																"W 7TH ST"	
SS-01	19B	D3-1(18)	1	STREET NAME (1 Line)	30	9																"N ADAMS ST"	
SS-01	19C	R6-2_L(18)	1	ONE WAY (LEFT ARROW) - 18x24	18	24	3.0																
SS-01	19D	D11-1a	1	BIKE (Symbol)	18	18	2.3																
SS-01	19E	M6-1_L(B)	1	DIRECTIONAL ARROW (Left) - 12x9	12	9	0.8																
SS-01	19F	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12	5.0															"W 7th St" (Highway Font C, 6 1/4", Normal Kerning)	
SS-01	19G	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12	5.0															"N Adams St" (Highway Font C, 6 1/4", Normal Kerning)	
SS-01	20	R7-108	1	XX HR PARKING X:XX AM TO X:XX PM	12	18																NO PARKING TUES 10A-12P STREET CLEANING	
SS-01	21A	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12																"N Adams St"	
SS-01	21B	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12																"W 7-1/2 St"	
SS-01	21C		1	NO DUMPING MAYOR & COUNCIL	24	18																	
SS-01	21D		1	PER CITY CODE SEC 45-317	12	6																	
SS-01	22A	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12																"N Adams St"	
SS-01	22B	D3-1(12)	2	STREET NAME (1 Line) Posted speed ≤ 40 MPH	30	12																"W 8th St"	
SS-01	22C	R7-108	1	XX HR PARKING X:XX AM TO X:XX PM	12	18																NO PARKING TUES 10A-12P STREET CLEANING	
SS-01	22D	R6-2_L(18)	1	ONE WAY (LEFT ARROW) - 18x24	18	24																	
SS-01	23	R7-108	1	XX HR PARKING X:XX AM TO X:XX PM	12	18																	
SS-01	24	W11-1-DE(30)	1	BICYCLE (Symbol) IN LANE - 30x30	30	30	6.3															NO PARKING TUES 10A-12P STREET CLEANING	
SS-01	25A	R7-108	1	XX HR PARKING X:XX AM TO X:XX PM	12	18																1 HOUR PARKING	
SS-01	25B	R7-108	1	XX HR PARKING X:XX AM TO X:XX PM	12	18																NO PARKING TUES 10A-12P STREET CLEANING	
SS-01	26	R6-2_R(18)	1	ONE WAY (RIGHT ARROW) - 18x24	18	24	3.0																
SS-02	1A	R6-1_R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12																	
SS-02	1B	R6-1_L(36)	1	ONE WAY (ENCLOSED IN LEFT ARROW) - 36x12	36	12																	
SS-02	1C	R5-1(36)	1	DO NOT ENTER - 36x36	36	36																	
SS-02	1D	R3-2(36)	1	LEFT TURN PROHIBITION (Symbol) - 36x36	36	36																	
SS-02	2A	R6-1_R(36)	1	ONE WAY (ENCLOSED IN RIGHT ARROW) - 36x12	36	12																	
SS-02	2B	R6-1_L(36)	1	ONE WAY (ENCLOSED IN LEFT ARROW) - 36x12	36	12																	
SS-02	2C	R5-1(36)	1	DO NOT ENTER - 36x36	36	36																	
SS-02	2D	R3-2(36)	1	LEFT TURN PROHIBITION (Symbol) - 36x36	36	36																	
SS-02	3A	S5-2(24)	1	END SCHOOL ZONE - 24x30	24	30																	
SS-02	3B	R10-6a(24)	1	STOP HERE ON RED (Curved Arrow) - 24x30	24	30																	
SS-02	3C	R3-7bP	1	EXCEPT BICYCLES (PLAQUE)	24	12																	
SS-02	4	R6-2_L(24)	1	ONE WAY (LEFT ARROW) - 24x30	24	30	5.0																
SS-02	5A	S5-2(24)	1	END SCHOOL ZONE - 24x30	24	30																	
SS-02	5B	R10-11(24)	1	NO TURN ON RED (Ball) - 24x30	24	30																	
SS-02	6A	M3-1(24)	1	CARDINAL DIRECTION - NORTH - 24x12	24	12	2.0															BLUE BACKGROUND, WHITE LETTERS	
SS-02	6B	M1-1(24)	1	INTERSTATE ROUTE (2 - Digit Sign) - 24x24	24	24	4.0															BLUE BACKGROUND, WHITE LETTERS	
SS-02	6C	M5-4(24)	1	LEFT LANE - 24x18	24	18	3.0															BLUE BACKGROUND, WHITE LETTERS	
SS-02	7	R3-7_L(36)	1	LEFT LANE MUST TURN LEFT - 36"x36"	36	36																	
SS-02	8A	S1-1(36)	1	SCHOOL SIGN (Symbol) - 36x36	36	36																	
SS-02	8B	S4-3P(36)	1	SCHOOL - 36x12	36	12																	

ADDITIONAL GENERAL SIGNAL NOTES

- POLE BASES, CABINET BASES, AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER, AND SHALL BE PAID BY ITEM #211000. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE POLES AND ASSOCIATED SIGNAL EQUIPMENT, AND CABINET. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF THE POLE FOUNDATIONS. ABANDON EXISTING CONDUIT AS NOTED. TRAFFIC CONTRACTOR SHALL REMOVE ANY CABLES IN EXISTING CONDUITS TO BE ABANDONED.
- EXISTING CONDUITS ARE SHOWN FOR GRAPHICAL PURPOSES ONLY. EXISTING CONDUITS SHOULD BE FIELD LOCATED WHERE SIGNAL WORK INVOLVES CONNECTION WITH EXISTING CONDUITS.
- MAINTAIN EXISTING POWER SOURCE FROM DELMARVA POWER POLE #48335-43376. MAINTAIN THE EXISTING PATHWAY FROM THE POWER SOURCE TO THE EXISTING TRAFFIC CONTROLLER CABINET INCLUDING CABLES AND OVERHEAD POWER RUN FROM POWER SOURCE POLE TO POLE 2.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL UNDERGROUND SIGNAL EQUIPMENT SUCH AS JUNCTION WELLS, CABINET FOUNDATIONS, POLE BASES, AND CONDUITS. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL ELECTRICAL CABLES AND ABOVE GROUND SIGNAL EQUIPMENT SUCH AS SPAN WIRES, POLES, CABINETS, SERVICE PEDESTAL, OVERHEAD SIGNS, AND SIGNAL HEADS, AS NECESSARY.
- ALL GALVANIZED CONDUIT (RGS) SHALL BE REAMED AND THREADED. ALL RGS SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- THE RESIDENT ENGINEER SHALL NOTIFY STEVE WEBER AT (302)576-2620 AND MARCUS POWEL AT (302)576-3086 AT LEAST 10 WORKING DAYS IN ADVANCE OF ANY SIGNAL WORK OR CHANGES TO SIGNAL OPERATION. THE RESIDENT ENGINEER SHALL NOTIFY STEVE WEBER AND MARCUS POWEL AT LEAST 10 WORKING DAYS IN ADVANCE OF THE CITY NEEDING TO DO ANY TIMING UPDATES.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEADS #5A, #8A-12A. INSTALL NEW PEDESTRIAN SIGNAL HEADS ON STRAIN POLES #1, #2, AND #4, AND PEDESTAL POLE #5, #6, AND #7 AS SHOWN. ALL PROPOSED PEDESTRIAN SIGNAL HEADS SHALL BE COUNTDOWN SIGNALS.
- INSTALL JUNCTION WELL IN SAME LOCATION AS EXISTING JUNCTION WELL AT PROPOSED GRADE. INSTALL PROPOSED JUNCTION WELL SUCH THAT THE JUNCTION WELL INTERCEPTS EXISTING CONDUITS THAT RUN INTO EXISTING JUNCTION WELL. ENSURE TO MAINTAIN CONTINUOUS SIGNAL OPERATION DURING JUNCTION WELL INSTALLATION.
- UTILIZE OVERHEAD RUN 2 TO CARRY 5/#14 CABLES TO PEDESTRIAN SIGNAL HEADS #7 & #8.
- MAINTAIN ALL EXISTING PEDESTRIAN SIGNALS THROUGHOUT CONSTRUCTION UNTIL PROPOSED PEDESTRIAN SIGNALS ARE OPERATIONAL.

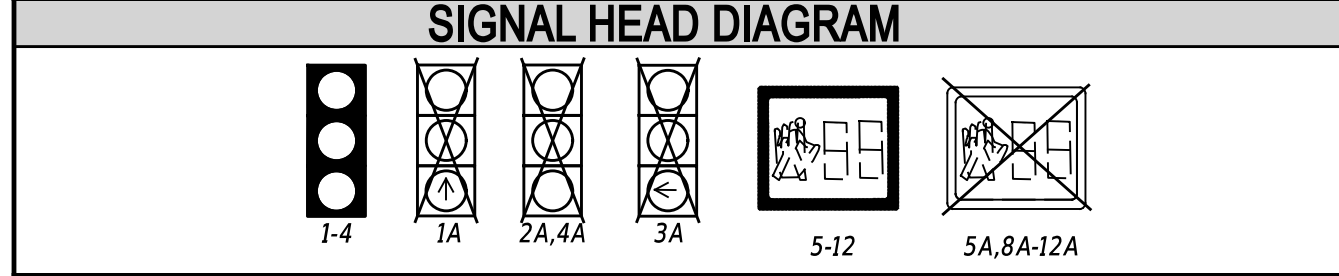
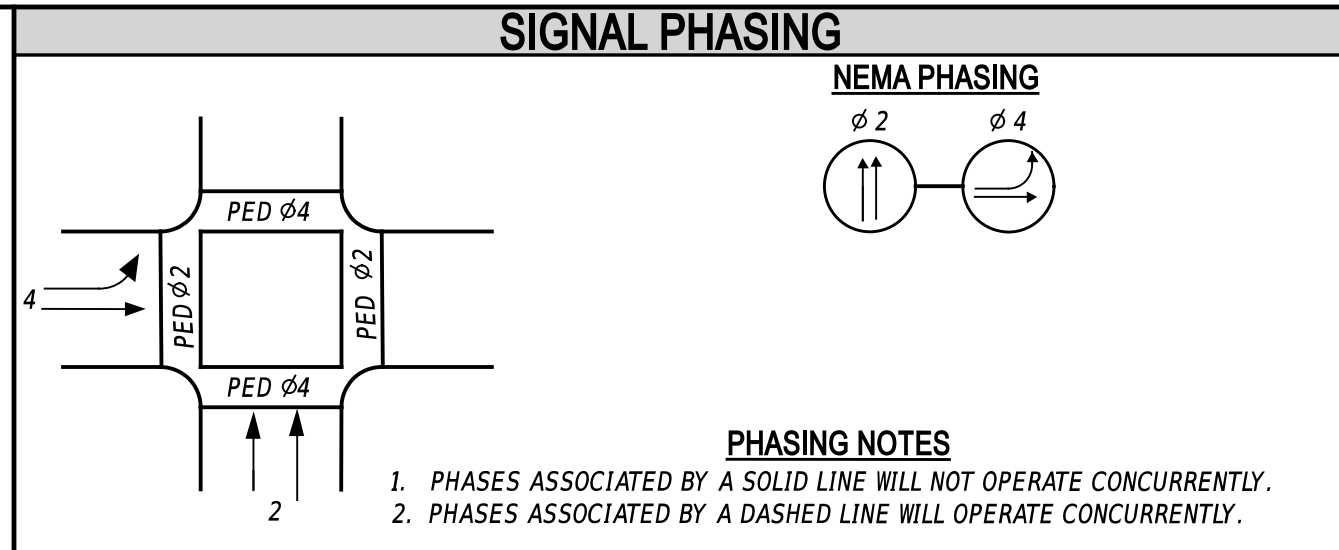


CONDUIT RUN SCHEDULE					
CO NO.	NO. OF CONDUITS	SIZE/TYPER	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF CABLE / WIRE
*1	1	2" -RGS	20'	EX	EXISTING [(1) 2/#8 U.F. W/ GROUND], REMOVE [(1)16/#14], (4)5/#14 NEW [(1)16/#14, (3)5/#14, (1)1/#6 GRD]
*2	2	2" -RGS	25'	EX	EXISTING [(1) 2/#8 U.F. W/ GROUND], REMOVE [(1)16/#14, (4)5/#14], NEW [(1)16/#14, (8)5/#14, (1)1/#6 GRD]
3	1	2.5" -PVC	40'	T	NEW [(1)5/#14, (1)1/#6 GRD]
4	*1	3" -RGS	15'	EX	EXISTING [(1) 2/#8 U.F. W/ GROUND], REMOVE [(4)5/#14, (1)16/#14]
	1	4" -PVC	15'	T	NEW [(1)16/#14, (7)5/#14, (1)1/#6 GRD]
*5	1	2" -RGS	45'	EX	REMOVE [(2)5/#14], NEW [(4)5/#14, (1)1/#6 GRD]
*6	1	2" -RGS	30'	EX	REMOVE [(2)5/#14], NEW [(4)5/#14, (1)1/#6 GRD]
*7	1	2" -RGS	10'	EX	REMOVE [(2)5/#14], NEW [(2)5/#14, (1)1/#6 GRD]
8	1	4" -HDPE	35'	B	NEW [(2)5/#14, (1)1/#6 GRD]
9	1	2.5" -PVC	20'	T	NEW [(1)5/#14, (1)1/#6 GRD]
10	1	2.5" -PVC	20'	T	NEW [(1)5/#14, (1)1/#6 GRD]

*DENOTES EXISTING CONDUIT
 TYPES: HDPE, PVC, RGS
 INSTALL METHODS: B=BORE, 1B=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH

POLE SCHEDULE			
POLE NO.	TYPE	STATION	OFFSET
*1	EX. STRAIN POLE W/ EX. POLE BASE	-	-
*2	EX. STRAIN POLE W/ EX. POLE BASE	-	-
*3	EX. UTILITY POLE	-	-
*4	EX. STRAIN POLE W/ EX. POLE BASE	-	-
5	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	103+83.95	36.33' LT
6	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	103+25.63	31.23' RT
7	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	103+00.61	13.33' RT

*DENOTES EXISTING OR CONSTRUCTED IN PREVIOUS PHASE



LEGEND			
(AB)	ABANDON	(OH 5)	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA X)	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	(OH 6)	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA)	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	(PB X)	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO 5)	EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PB)	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PL X)	EXISTING POLE IDENTIFIER (# OF POLE)
(JW X)	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(PL)	PROPOSED POLE IDENTIFIER (# OF POLE)
(JW)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(RM C)	REMOVE BY CONTRACTOR
(MA X)	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM O)	REMOVE BY OTHERS
(MA)	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM TC)	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.	■
LOOP DETECTOR, TYPE 1	□	□
LOOP DETECTOR, TYPE 2	□	□
LUMINAIRE	⚡	⚡
MAST ARM	⚡	⚡
MICROWAVE DETECTION	⚡	⚡
OPTICOM RECEIVER	⚡	⚡
OVERHEAD SIGNING	⚡	⚡
PEDESTRIAN POLE/BASE	⊙	⊙
PEDESTRIAN PUSHBUTTON	⚡	⚡
PEDESTRIAN SIGNAL HEAD	⚡	⚡
RIGHT-OF-WAY	---	---
SERVICE PEDESTAL	EM	EM
SIGNAL CABINET	□	□
SIGNAL HEAD	⚡	⚡
SIGNAL POLE/BASE	⊙	⊙
CCTV CAMERA	⚡	⚡
SPAN WIRE	XX	XX
UTILITY POLE	⊙	⊙
VIDEO DETECTION	⚡	⚡

GENERAL SIGNAL NOTES

- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO THE CITY OF WILMINGTON DEPARTMENT OF PUBLIC WORKS YARD - 500 WILMINGTON AVENUE, WILMINGTON, DE 19801.
- 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.

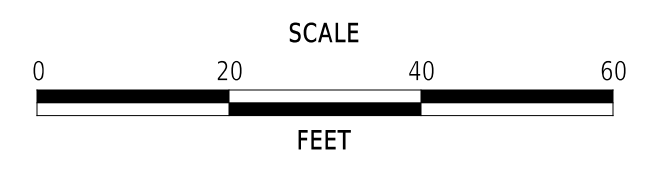
PREPARED BY
 JMT

 6/18/25
 THIS SEAL APPLIES TO ONLY THIS SHEET. DATE SEAL

CONCURRENCE FOR INSTALLATION

 STEVEN G. WEBER, DIRECTOR OF TRANSPORTATION
 6/24/25
 DATE

ADDENDA / REVISIONS



**ADAMS STREET
 SIDEWALK
 IMPROVEMENTS**

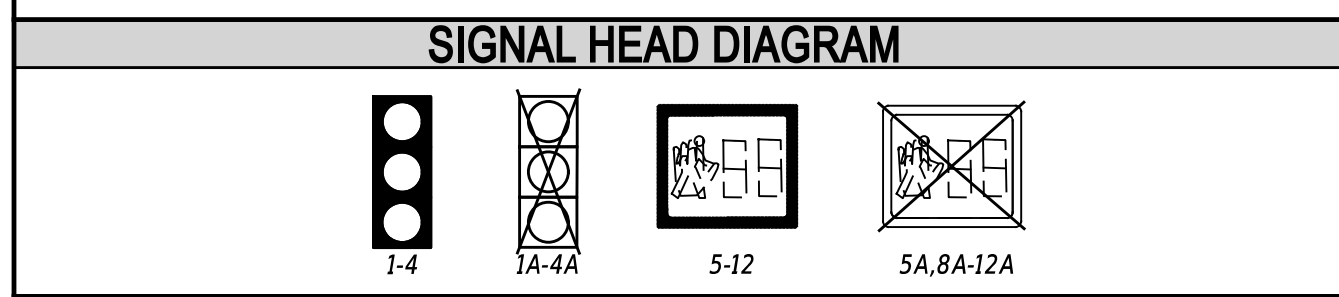
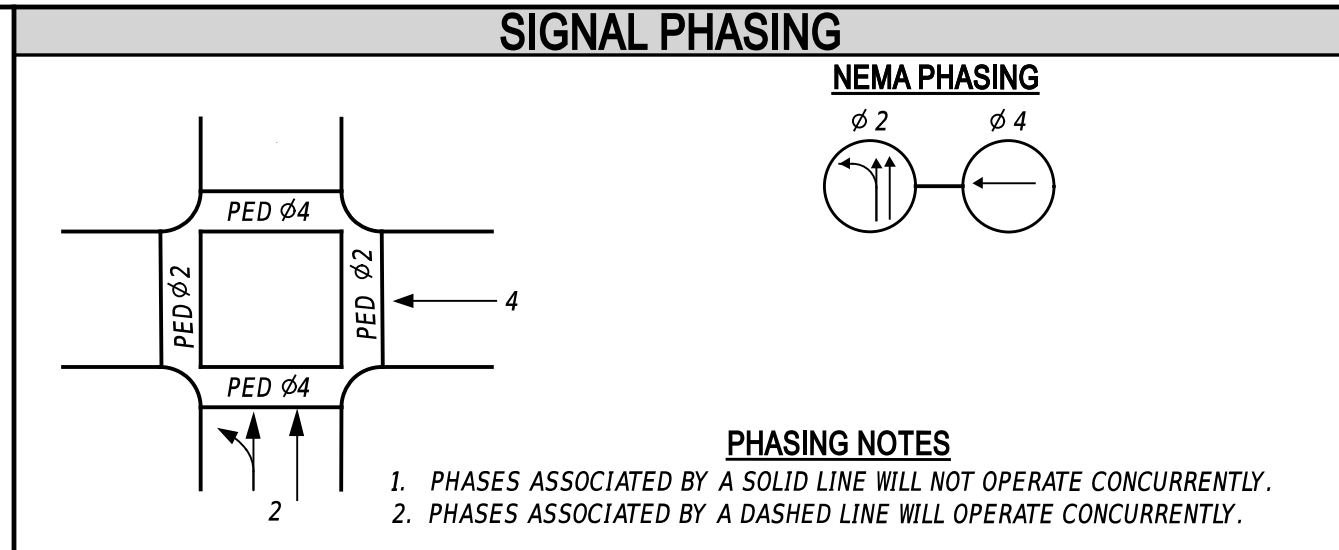
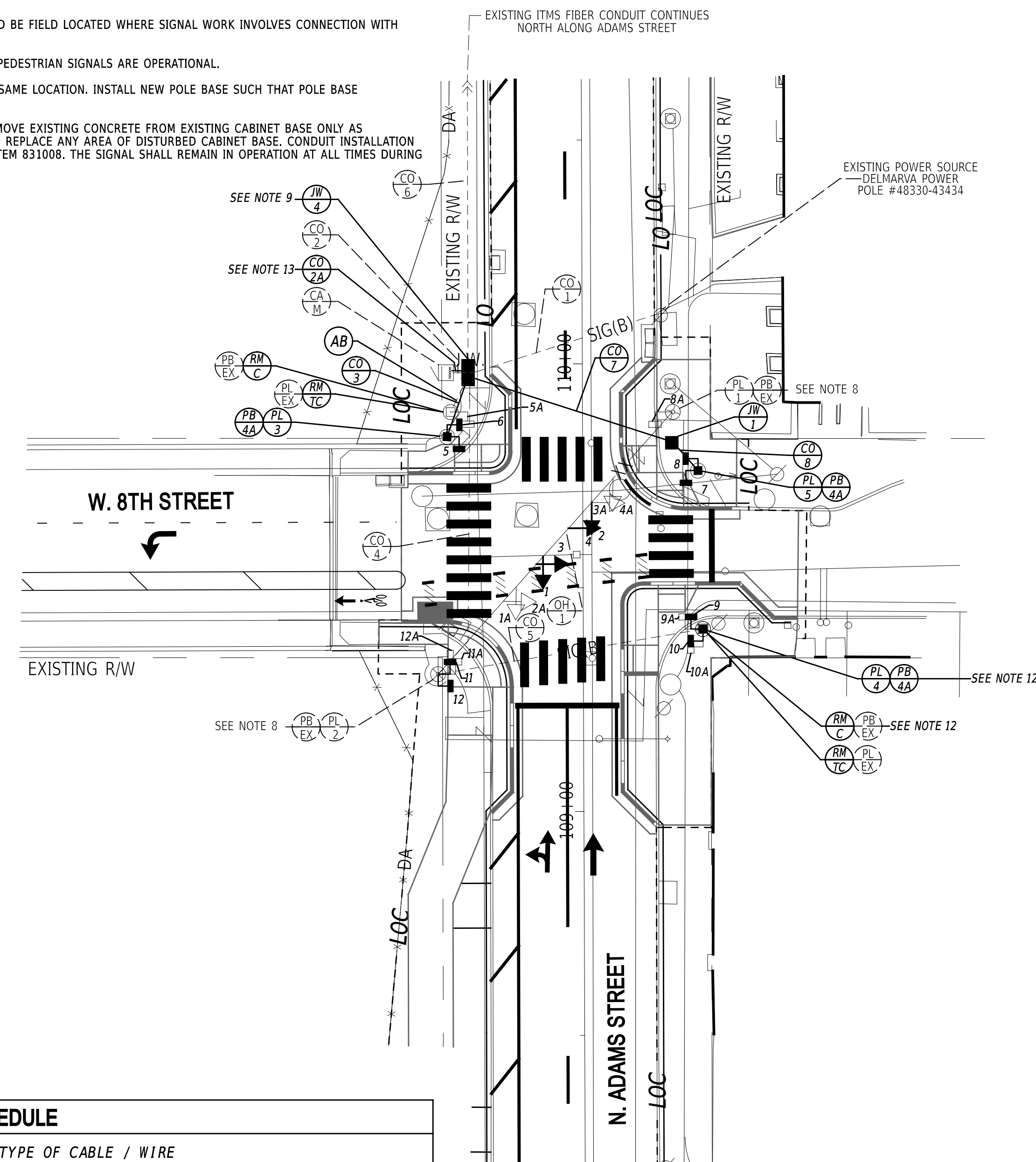
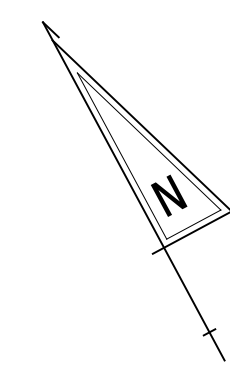
CONTRACT T202301103	PERMIT NO. W626
COUNTY NEW CASTLE	DESIGNED BY: S. BUNITSKY/J. SMITH
	CHECKED BY: M. WAHED

SIGNALIZATION PLAN NORTH ADAMS STREET @ WEST 6TH STREET	SECTION JMT
	SHEET NO. 65

LAST REVISED: 9/11/2018
 18-JUN-2025
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ADDITIONAL GENERAL SIGNAL NOTES

- POLE BASES, CABINET BASES, AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER, AND SHALL BE PAID BY ITEM #211000. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE POLES AND ASSOCIATED SIGNAL EQUIPMENT, AND CABINET. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF THE POLE FOUNDATIONS AS NOTED. ABANDON EXISTING CONDUIT. TRAFFIC CONTRACTOR SHALL REMOVE ANY CABLES IN EXISTING CONDUITS TO BE ABANDONED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL UNDERGROUND SIGNAL EQUIPMENT SUCH AS JUNCTION WELLS, CABINET FOUNDATIONS, POLE BASES, AND CONDUITS. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL ELECTRICAL CABLES AND ABOVE GROUND SIGNAL EQUIPMENT SUCH AS SPAN WIRES, POLES, CABINETS, SERVICE PEDESTAL, OVERHEAD SIGNS, AND SIGNAL HEADS, AS NECESSARY.
- ALL GALVANIZED CONDUIT (RGS) SHALL BE REAMED AND THREADED. ALL RGS SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- MAINTAIN EXISTING POWER SOURCE FROM DELMARVA POWER POLE #68363-43434. MAINTAIN EXISTING PATHWAY FROM POWER SOURCE TO THE EXISTING TRAFFIC CONTROLLER CABINET.
- THE RESIDENT ENGINEER SHALL NOTIFY STEVE WEBER AT (302)576-2620 AND MARCUS POWEL AT (302)576-3086 AT LEAST 10 WORKING DAYS IN ADVANCE OF ANY SIGNAL WORK OR CHANGES TO SIGNAL OPERATION. THE RESIDENT ENGINEER SHALL NOTIFY STEVE WEBER AND MARCUS POWEL AT LEAST 10 WORKING DAYS IN ADVANCE OF THE CITY NEEDING TO DO ANY TIMING UPDATES.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEADS. INSTALL NEW PEDESTRIAN SIGNAL HEADS ON EXISTING STRAIN POLE #2 AND PROPOSED PEDESTAL POLES #3, #4, AND #5 AS SHOWN. ALL PROPOSED PEDESTRIAN SIGNALS SHALL BE COUNTDOWN SIGNALS.
- INSTALL TYPE 4 JUNCTION WELL IN SAME LOCATION AS EXISTING TYPE 1 JUNCTION WELL. ENSURE TO MAINTAIN CONTINUOUS SIGNAL OPERATION DURING JUNCTION WELL INSTALLATION.
- EXISTING CONDUITS ARE SHOWN FOR GRAPHICAL PURPOSES ONLY. EXISTING CONDUITS SHOULD BE FIELD LOCATED WHERE SIGNAL WORK INVOLVES CONNECTION WITH EXISTING CONDUITS.
- MAINTAIN ALL EXISTING PEDESTRIAN SIGNALS THROUGHOUT CONSTRUCTION UNTIL PROPOSED PEDESTRIAN SIGNALS ARE OPERATIONAL.
- REMOVE EXISTING PEDESTAL POLE AND BASE AND INSTALL NEW PEDESTAL POLE AND BASE IN SAME LOCATION. INSTALL NEW POLE BASE SUCH THAT POLE BASE INTERCEPTS CONDUIT 5.
- INSTALL NEW CONDUIT #2A BETWEEN CABINET AND TYPE 4 JUNCTION WELL. SAWCUT AND REMOVE EXISTING CONCRETE FROM EXISTING CABINET BASE ONLY AS NECESSARY TO INSTALL NEW CONDUIT. AFTER CONDUIT INSTALLATION, INSTALL NEW CONCRETE TO REPLACE ANY AREA OF DISTURBED CABINET BASE. CONDUIT INSTALLATION AND ANY CONCRETE NEEDED TO REPLACE DISTURBED CABINET BASE SHALL BE PAID FOR UNDER ITEM 831008. THE SIGNAL SHALL REMAIN IN OPERATION AT ALL TIMES DURING CONDUIT INSTALLATION.



LEGEND

(AB)	ABANDON	(OH 1)	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA 1)	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	(OH 2)	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA 2)	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	(PB 1)	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO 1)	EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PB 2)	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO 2)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PL 1)	EXISTING POLE IDENTIFIER (# OF POLE)
(JW 1)	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(PL 2)	PROPOSED POLE IDENTIFIER (# OF POLE)
(JW 2)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(RM 1)	REMOVE BY CONTRACTOR
(MA 1)	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM 2)	REMOVE BY OTHERS
(MA 2)	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM 3)	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.	■
LOOP DETECTOR, TYPE 1	□	□
LOOP DETECTOR, TYPE 2	□	□
LUMINAIRE	⬤	⬤
MAST ARM	⬤	⬤
MICROWAVE DETECTION	⬤	⬤
OPTICOM RECEIVER	⬤	⬤
OVERHEAD SIGNING	⬤	⬤
PEDESTRIAN POLE/BASE	⊙	⊙
PEDESTRIAN PUSHBUTTON	⬤	⬤
PEDESTRIAN SIGNAL HEAD	⬤	⬤
RIGHT-OF-WAY	---	---
SERVICE PEDESTAL	EM	EM
SIGNAL CABINET	□	□
SIGNAL HEAD	⬤	⬤
SIGNAL POLE/BASE	⊙	⊙
CCTV CAMERA	⬤	⬤
SPAN WIRE	XX	XX
UTILITY POLE	⊙	⊙
VIDEO DETECTION	⬤	⬤

GENERAL SIGNAL NOTES

- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO THE CITY OF WILMINGTON DEPARTMENT OF PUBLIC WORKS YARD - 500 WILMINGTON AVENUE, WILMINGTON, DE 19801.
- 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.

CONDUIT RUN SCHEDULE

CO NO.	NO. OF CONDUITS	SIZE/TYPE	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF CABLE / WIRE
*1	1	2" -RGS	45'	EX	EXISTING [(1) 2/#8 U.F. W/ GROUND]
*2	1	2.5" -RGS	5'	EX	EXISTING [(1) 2/#8 U.F. W/ GROUND, (1) ITMS FIBER], REMOVE [(1)16/#14,(6)5/#14], NEW [(1)1/#6 GRD]
2A	1	4" -PVC	5'	OC	NEW [(1)16/#14,(8)5/#14,(1)1/#6 GRD]
3	1	2.5" -PVC	15'	T	NEW [(2)5/#14,(1)1/#6 GRD]
*4	1	2" -RGS	70'	EX	REMOVE [(1)16/#14,(5)5/#14], NEW [(1)16/#14,(4)5/#14,(1)1/#6 GRD]
*5	1	2" -RGS	65'	EX	REMOVE [(2)5/#14], NEW [(2)5/#14,(1)1/#6 GRD]
*6	1	4" -PVC	360'	EX	EXISTING [(1) ITMS FIBER]
7	1	4" -HDPE	50'	B	NEW [(2)5/#14,(1)1/#6 GRD]
8	1	2.5" -PVC	10'	T	NEW [(2)5/#14,(1)1/#6 GRD]

*DENOTES EXISTING CONDUIT
 TYPES: HDPE, PVC, RGS
 INSTALL METHODS: B=BORE, 1B=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH

POLE SCHEDULE

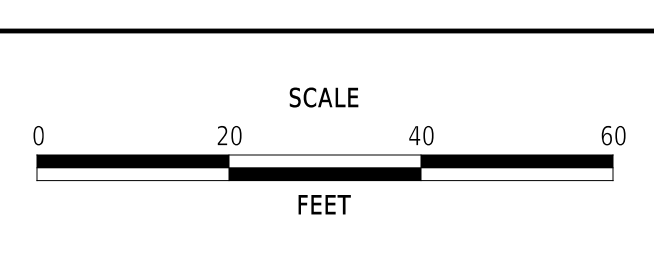
POLE NO.	TYPE	STATION	OFFSET
*1	EX. STRAIN POLE W/ EX. POLE BASE	-	-
*2	EX. STRAIN POLE W/ EX. POLE BASE	-	-
3	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	109+83.91	30.22' LT
4	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	109+40.58	26.65' RT
5	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	109+76.00	25.72' RT

*DENOTES EXISTING OR CONSTRUCTED IN PREVIOUS PHASE

LAST REVISED: 9/11/2018
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ADDENDA / REVISIONS

NO.	DESCRIPTION



ADAMS STREET SIDEWALK IMPROVEMENTS

CONTRACT	T202301103
COUNTY	NEW CASTLE
PERMIT NO.	W628
DESIGNED BY:	S. BUNITSKY/J. SMITH
CHECKED BY:	M. WAHED

SIGNALIZATION PLAN
 NORTH ADAMS STREET @
 WEST 8TH STREET

SECTION: JMT
 SHEET NO.: 67

PREPARED BY
 JMT

Mir A. Wahed 6/18/25

THIS SEAL APPLIES TO ONLY THIS SHEET. DATE SEAL

CONCURRENCE FOR INSTALLATION

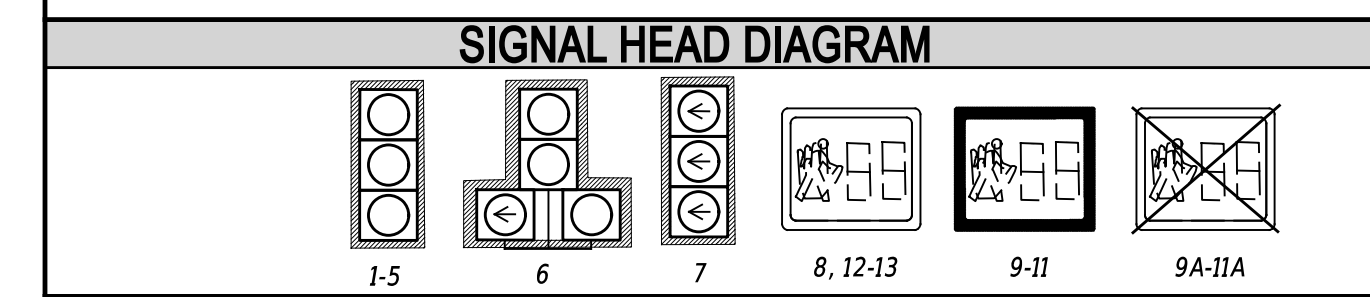
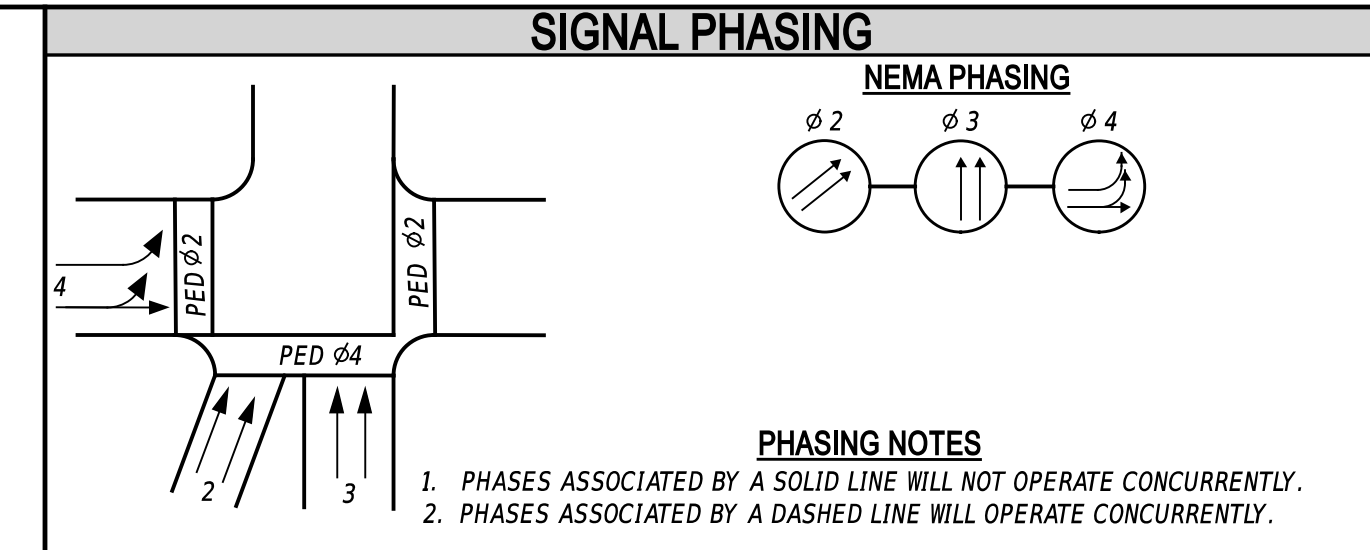
Steven G. Weber 6/24/25

STEVEN G. WEBER, DIRECTOR OF TRANSPORTATION DATE



ADDITIONAL GENERAL SIGNAL NOTES

- POLE BASES, CABINET BASES, AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER, AND SHALL BE PAID BY ITEM #211000. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE POLES AND ASSOCIATED SIGNAL EQUIPMENT, AND CABINET. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF THE POLE FOUNDATIONS. ABANDON EXISTING CONDUIT AS NOTED. TRAFFIC CONTRACTOR SHALL REMOVE ANY CABLES IN EXISTING CONDUITS TO BE ABANDONED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL UNDERGROUND SIGNAL EQUIPMENT SUCH AS JUNCTION WELLS, CABINET FOUNDATIONS, POLE BASES, AND CONDUITS. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL ELECTRICAL CABLES AND ABOVE GROUND SIGNAL EQUIPMENT SUCH AS MAST ARMS, SPAN WIRES, POLES, CABINETS, SERVICE PEDESTAL, PUSHBUTTONS, OVERHEAD SIGNS, AND SIGNAL HEADS, AS NECESSARY.
- ALL GALVANIZED CONDUIT (RGS) SHALL BE REAMED AND THREADED. ALL RGS SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- SHIFT EXISTING VEHICULAR SIGNAL HEADS 3 & 4 INTO ULTIMATE POSITIONS AS SHOWN.
- MAINTAIN EXISTING POWER SOURCE FROM DELMARVA POWER POLE #48390-43486. MAINTAIN EXISTING PATHWAY FROM POWER SOURCE TO THE EXISTING TRAFFIC CONTROLLER CABINET.
- THE RESIDENT ENGINEER SHALL NOTIFY DELDOT TRAFFIC/TMC, STEVE WEBER AT (302)576-2620, AND MARCUS POWEL AT (302)576-3086 AT LEAST 10 WORKING DAYS IN ADVANCE OF ANY SIGNAL WORK, CHANGES TO SIGNAL OPERATION, OR ACTIVATION OF THE WAVETRONIX SYSTEM/REMOVAL OF THE FISHEYE SYSTEM. THE RESIDENT ENGINEER SHALL NOTIFY STEVE WEBER AND MARCUS POWEL AT LEAST 10 WORKING DAYS IN ADVANCE OF THE CITY NEEDING TO DO ANY TIMING UPDATES.
- SHIFT EXISTING SIGNS S-3 & S-4 INTO ULTIMATE POSITIONS AS SHOWN. REMOVE SIGN S-8 AS SHOWN.
- INSTALL D-LOOPS ALONG W. 9TH STREET APPROACH WITHIN BIKE BOX AS SHOWN. THE D-LOOPS SHALL ACTIVATE PHASE 4.
- INSTALL NEW WAVETRONIX XP-21 DETECTION SYSTEM WITH DETECTION ZONES AS SHOWN. FOLLOWING ALL MANUFACTURER RECOMMENDATIONS, MOUNT THE DEVICE TO MAST ARM #1 AS SHOWN. UTILIZE SUPPLIED WAVETRONIX XP-21 CABLES TO CONNECT THE DETECTOR TO THE CABINET AS SHOWN IN THE CONDUIT RUN SCHEDULE. ONCE THE WAVETRONIX SYSTEM IS OPERATIONAL, DEACTIVATE AND REMOVE THE EXISTING FISHEYE DETECTOR FROM MAST ARM #2, REMOVE FISHEYE SYSTEM FROM CABINET, AND REMOVE CABLES FROM CONDUITS.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEADS #9A-#11A. INSTALL NEW PEDESTRIAN SIGNAL HEADS ON PROPOSED PEDESTAL POLES #4, #5, AND #6 AS SHOWN. ALL PROPOSED PEDESTRIAN SIGNALS SHALL BE COUNTDOWN SIGNALS. INSTALL R10-3E SIGNS ON POLES WITH ONE PEDESTRIAN SIGNAL HEAD.
- EXISTING CONDUITS ARE SHOWN FOR GRAPHICAL PURPOSES ONLY. EXISTING CONDUITS SHOULD BE FIELD LOCATED WHERE SIGNAL WORK INVOLVES CONNECTION WITH EXISTING CONDUITS.
- MAINTAIN ALL EXISTING PEDESTRIAN SIGNALS THROUGHOUT CONSTRUCTION UNTIL PROPOSED PEDESTRIAN SIGNALS ARE OPERATIONAL.
- HAND EXCAVATE THE FOUNDATION FOR POLE BASES #5 AND #6. USE CAUTION TO AVOID EXISTING UTILITIES IN THE VICINITY OF THESE POLE BASES.
- USE CAUTION WHEN INSTALLING NEW DRAINAGE PIPE ON SOUTHEAST CORNER TO AVOID IMPACTS TO EXISTING CONDUIT #13. BRACE EXISTING CONDUIT AS NEEDED WHILE TRENCH IS EXCAVATED. SIGNAL SHALL REMAIN IN OPERATION AT ALL TIMES DURING INSTALLATION. ANY COST TO BRACE CONDUIT SHALL BE INCIDENTAL TO INSTALLATION OF DRAINAGE PIPE.



LEGEND

(AB)	ABANDON	(OH)	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA)	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	(OH)	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA)	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	(PB)	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO)	EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PB)	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PL)	EXISTING POLE IDENTIFIER (# OF POLE)
(JW)	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(PL)	PROPOSED POLE IDENTIFIER (# OF POLE)
(JW)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(RM)	REMOVE BY CONTRACTOR
(MA)	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM)	REMOVE BY OTHERS
(MA)	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM)	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.	■
LOOP DETECTOR, TYPE 1	□	□
LOOP DETECTOR, TYPE 2	□	□
LUMINAIRE	⚡	⚡
MAST ARM	↗	↗
MICROWAVE DETECTION	⚡	⚡
OPTICOM RECEIVER	⚡	⚡
OVERHEAD SIGNING	+	+
PEDESTRIAN POLE/BASE	⊙	⊙
PEDESTRIAN PUSHBUTTON	→	→
PEDESTRIAN SIGNAL HEAD	⊞	⊞
RIGHT-OF-WAY	---	--- R/W ---
SERVICE PEDESTAL	EM	EM
SIGNAL CABINET	□	■
SIGNAL HEAD	→	→
SIGNAL POLE/BASE	⊙	⊙
CCTV CAMERA	Ⓜ	Ⓜ
SPAN WIRE	XX	XX
UTILITY POLE	⊙	⊙
VIDEO DETECTION	⚡	⚡

GENERAL SIGNAL NOTES

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- 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.

PREPARED BY
JMT
6/18/25

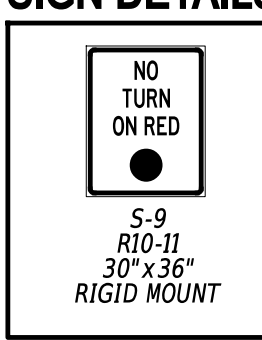
Mir A. Wahed
6/18/25

THIS SEAL APPLIES TO ONLY THIS SHEET. DATE SEAL

CONCURRENCE FOR INSTALLATION
6/24/25

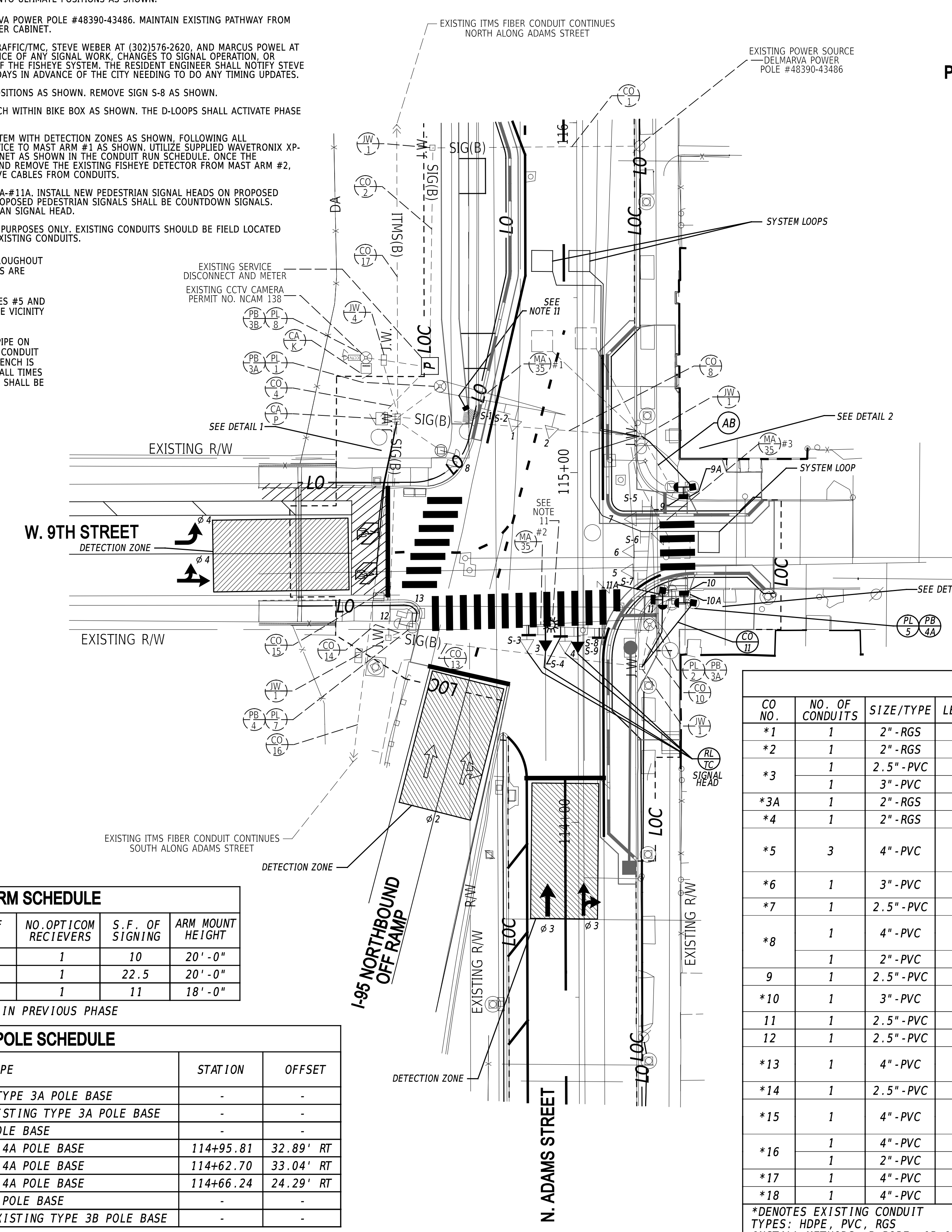
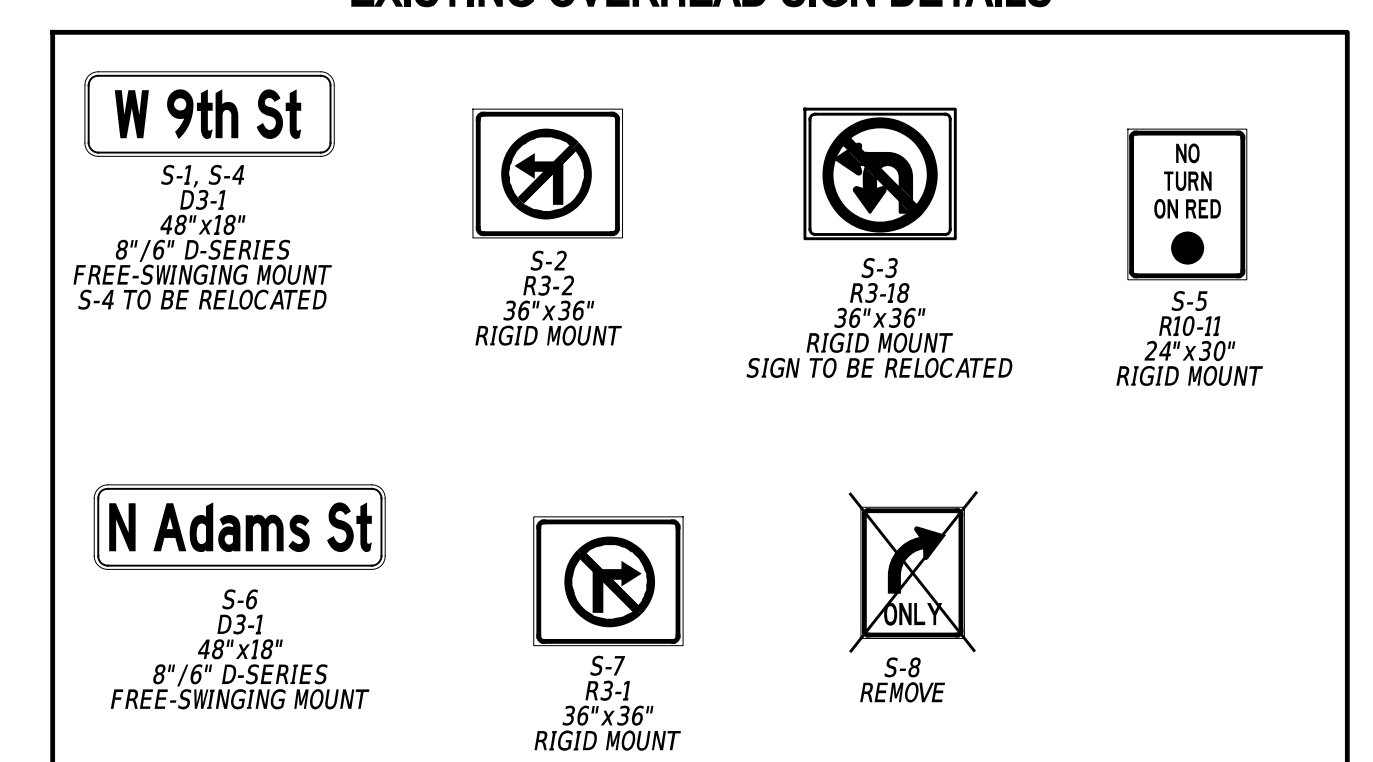
STEVEN G. WEBER, DIRECTOR OF TRANSPORTATION

PROPOSED OVERHEAD SIGN DETAILS



ADDITIONAL LEGEND

- MINIMUM PROPOSED WAVETRONIX DETECTION ZONES
- EXISTING FISHEYE VIDEO DETECTOR
- PROPOSED WAVETRONIX XP-21 DETECTOR



CONDUIT RUN SCHEDULE

CO NO.	NO. OF CONDUITS	SIZE/TYPER	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF CABLE / WIRE
*1	1	2" -RGS	60'	EX	EXISTING [(2) 2/#8 U.F. W/ GROUND]
*2	1	2" -RGS	60'	EX	EXISTING [(2) 2/#8 U.F. W/ GROUND]
*3	1	2.5" -PVC	5'	EX	EXISTING [(2) ITMS FIBER]
*3A	1	3" -PVC	5'	EX	EXISTING [(1) 2/#8 U.F. W/ GROUND]
*4	1	2" -RGS	20'	EX	EXISTING [(1) 2/#8 U.F. W/ GROUND]
*5	3	4" -PVC	5'	EX	EXISTING [(3)9/#14, (3)2/#14, (3)5/#14, (3)4/#18, (3)1/#6 GRD, ITMS FIBER], REMOVE (3)5/#14, (1) CAT5 CCTV CABLE], NEW [(3)5/#14, (2)2/#14, (1) WAVETRONIX XP21 CABLE]
*6	1	3" -PVC	15'	EX	EXISTING [(1)9/#14, (1)4/#18, (1)1/#6 GRD], NEW [(1) WAVETRONIX XP21 CABLE]
*7	1	2.5" -PVC	15'	EX	EXISTING [(1)5/#14, (1)1/#6 GRD]
*8	1	4" -PVC	70'	EX	EXISTING [(3)2/#14, (1)1/#6 GRD], REMOVE [(1)5/#14], NEW [(1)5/#14]
	1	2" -PVC	70'	EX	EMPTY
9	1	2.5" -PVC	25'	T	NEW [(1)5/#14, (1)1/#6 GRD]
*10	1	3" -PVC	15'	EX	EXISTING [(2)9/#14, (2)4/#18, (1)1/#6 GRD], REMOVE [(1) CAT5 CCTV CABLE]
11	1	2.5" -PVC	25'	T	NEW [(1)5/#14, (1)1/#6 GRD]
12	1	2.5" -PVC	25'	T	NEW [(1)5/#14, (1)1/#6 GRD]
*13	1	4" -PVC	75'	EX	EXISTING [(2)9/#14, (1)1/#6 GRD], REMOVE [(2)5/#14, (1) CAT5 CCTV CABLE], NEW [(2)5/#14, (2)4/#18]
*14	1	2.5" -PVC	10'	EX	EXISTING [(2)5/#14, (1)1/#6 GRD]
*15	1	4" -PVC	75'	EX	EXISTING [(2)9/#14, (2)5/#14, (2)4/#18, (1)1/#6 GRD], REMOVE [(2)5/#14, (1) CAT5 CCTV CABLE], NEW [(2)5/#14]
*16	1	4" -PVC	100'	EX	EXISTING [(1) ITMS FIBER]
	1	2" -PVC	100'	EX	EMPTY
*17	1	4" -PVC	300'	EX	EXISTING [(1) ITMS FIBER]
*18	1	4" -PVC	15'	EX	EXISTING [(2) ITMS FIBER]

*DENOTES EXISTING CONDUIT
TYPES: HDPE, PVC, RGS
INSTALL METHODS: B=BORE, IB=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH

MAST ARM SCHEDULE

MA NO.	HEIGHT OF POLE	LENGTH OF ARM	NO. OF HEADS	NO. OPTICOM RECIEVERS	S.F. OF SIGNING	ARM MOUNT HEIGHT
*1	21'-6"	35'	2	1	10	20'-0"
*2	21'-6"	35'	2	1	22.5	20'-0"
*3	21'-6"	35'	3	1	11	18'-0"

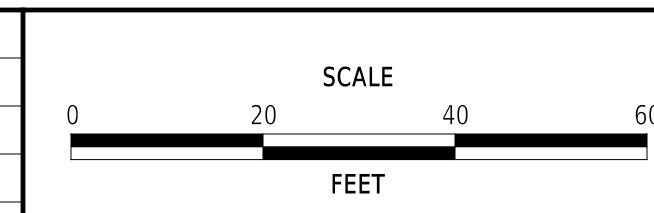
* DENOTES EXISTING OR CONSTRUCTED IN PREVIOUS PHASE

POLE SCHEDULE

POLE NO.	TYPE	STATION	OFFSET
*1	35' MAST ARM W/ EXISTING TYPE 3A POLE BASE	-	-
*2	35' & 35' MAST ARMS W/ EXISTING TYPE 3A POLE BASE	-	-
*3	10' PEDESTAL POLE W/ EX POLE BASE	-	-
4	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	114+95.81	32.89' RT
5	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	114+62.70	33.04' RT
6	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	114+66.24	24.29' RT
*7	PEDESTAL POLE W/ EXISTING POLE BASE	-	-
*8	75' CCTV CAMERA POLE W/ EXISTING TYPE 3B POLE BASE	-	-

*DENOTES EXISTING OR CONSTRUCTED IN PREVIOUS PHASE

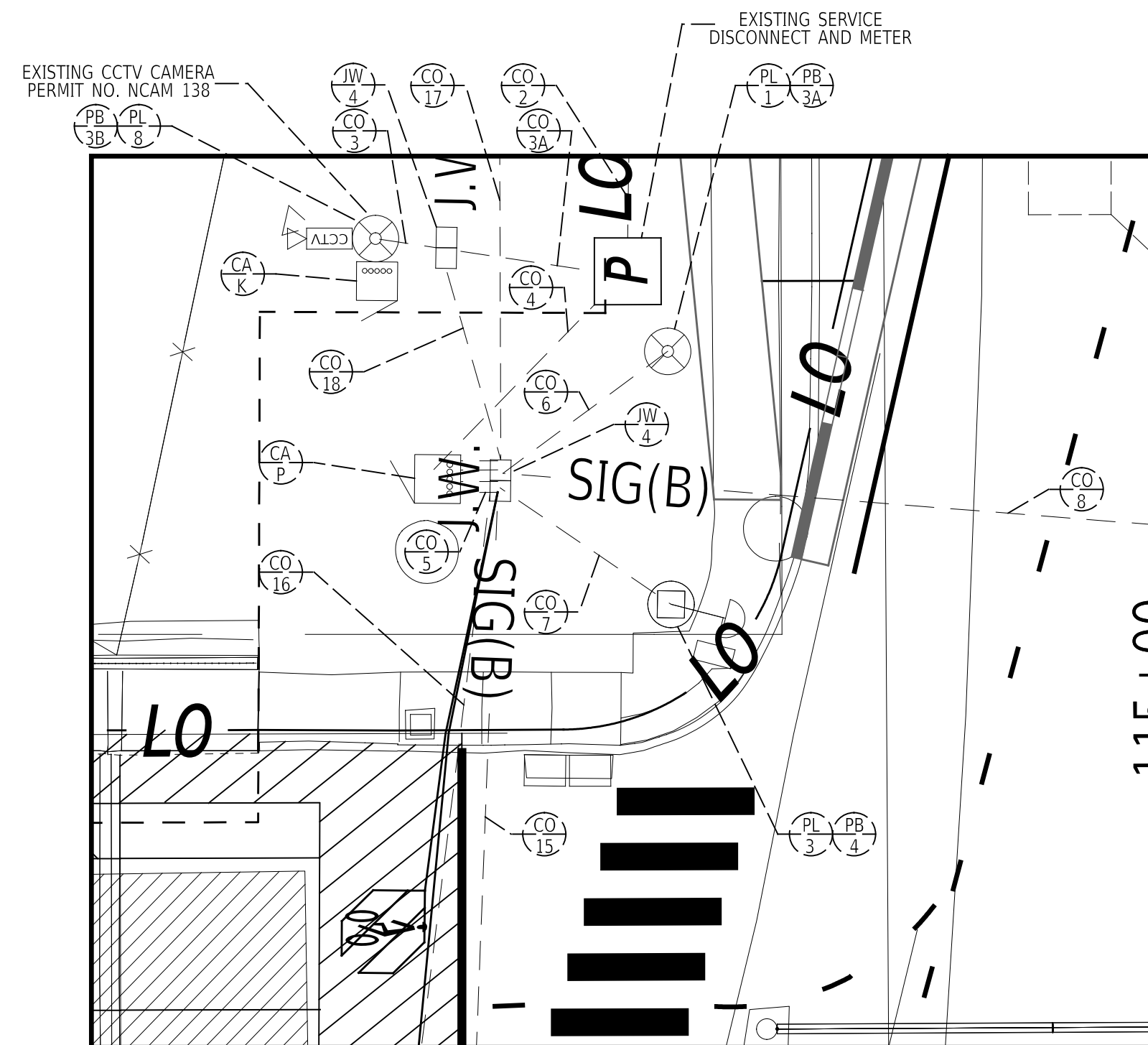
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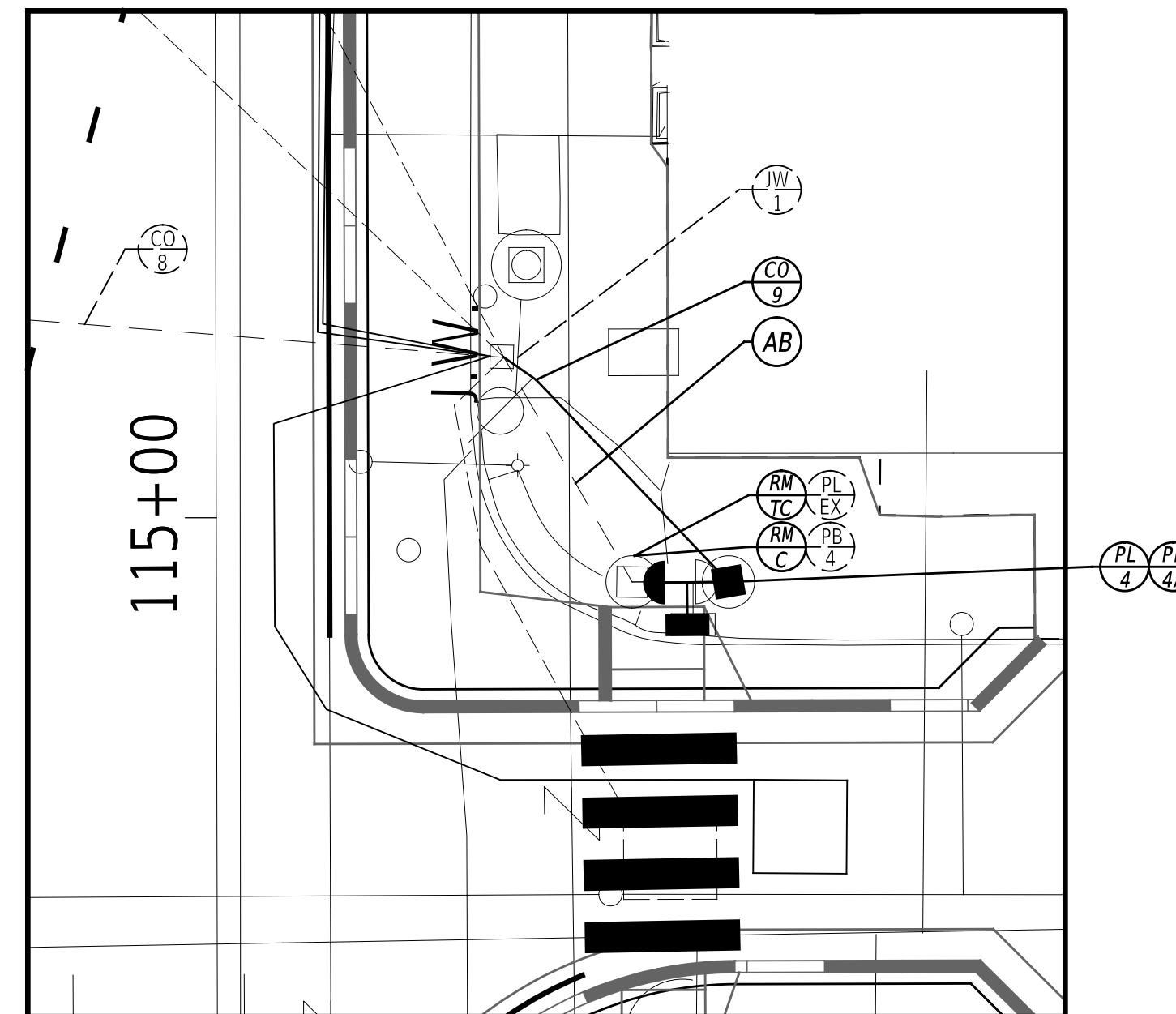
ADAMS STREET SIDEWALK IMPROVEMENTS

CONTRACT	T202301103	PERMIT NO.	N305 / W629, NCAM138
COUNTY	NEW CASTLE	DESIGNED BY:	S. BUNITSKY/J. SMITH
		CHECKED BY:	M. WAHED

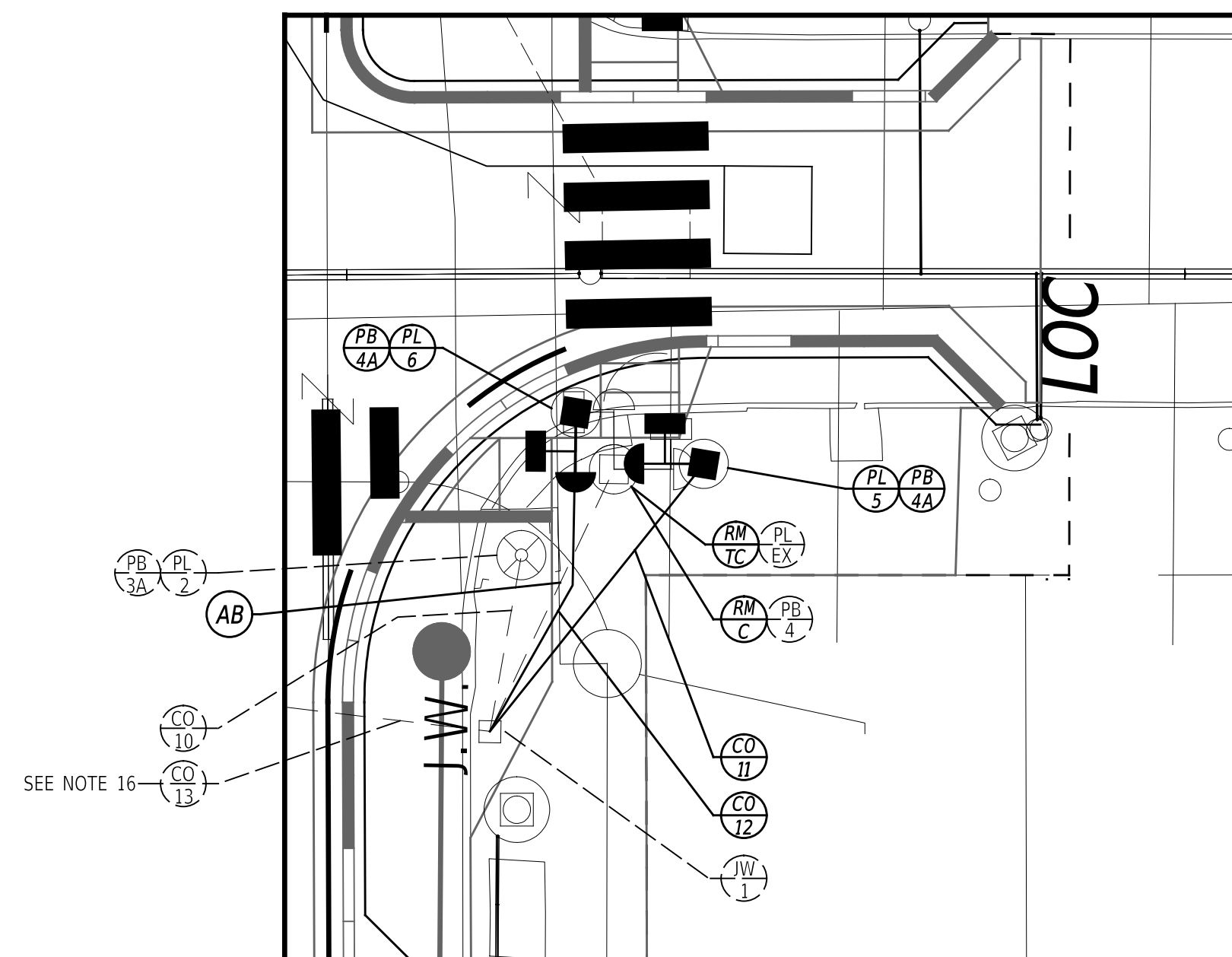
SIGNALIZATION PLAN		SECTION	JMT
N. ADAMS STREET @ W. 9TH STREET/I-95 OFF RAMP		SHEET NO.	68



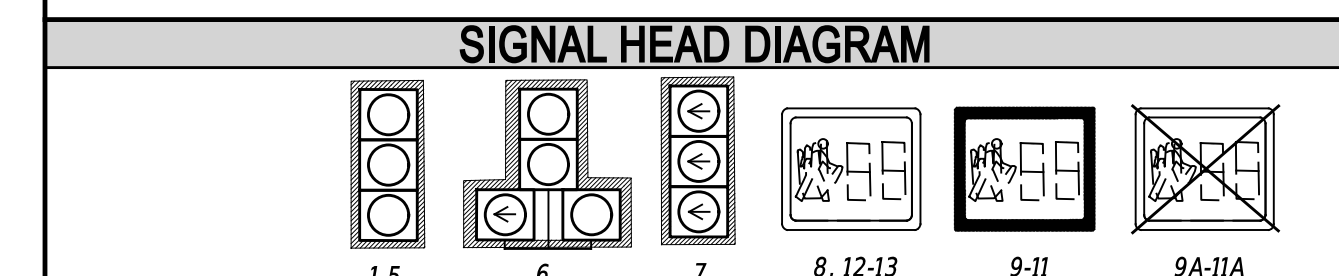
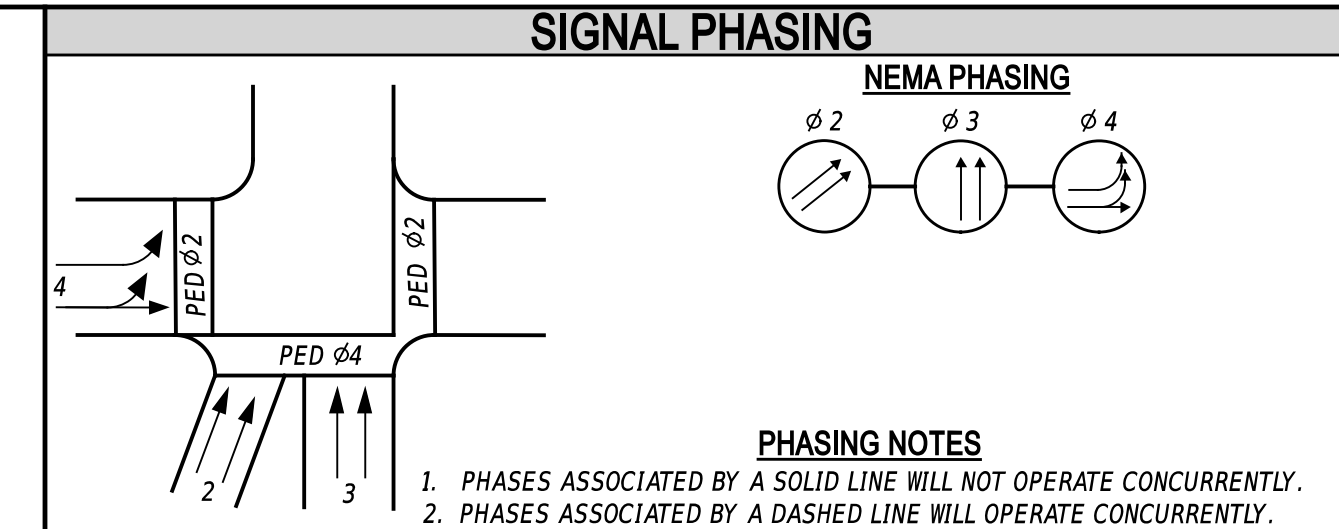
DETAIL 1 - NORTHWEST CORNER
SCALE: 1" = 10'



DETAIL 2 - NORTHEAST CORNER
SCALE: 1" = 10'



DETAIL 3 - SOUTHEAST CORNER
SCALE: 1" = 10'



LEGEND

(AB)	ABANDON	(OH 2)	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA X)	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	(OH 3)	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA Y)	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	(PB X)	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO 2)	EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PB Y)	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO 3)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PL X)	EXISTING POLE IDENTIFIER (# OF POLE)
(JW X)	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(PL Y)	PROPOSED POLE IDENTIFIER (# OF POLE)
(JW Y)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(RM C)	REMOVE BY CONTRACTOR
(MA XX)	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM D)	REMOVE BY OTHERS
(MA XY)	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM TC)	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.	■
LOOP DETECTOR, TYPE 1	□	□
LOOP DETECTOR, TYPE 2	□	□
LUMINAIRE	⊙	⊙
MAST ARM	↗	↗
MICROWAVE DETECTION	⊙	⊙
OPTICOM RECEIVER	⊙	⊙
OVERHEAD SIGNING	⊙	⊙
PEDESTRIAN POLE/BASE	⊙	⊙
PEDESTRIAN PUSHBUTTON	⊙	⊙
PEDESTRIAN SIGNAL HEAD	⊙	⊙
RIGHT-OF-WAY	---	R/W
SERVICE PEDESTAL	EM	EM
SIGNAL CABINET	□	□
SIGNAL HEAD	⊙	⊙
SIGNAL POLE/BASE	⊙	⊙
CCTV CAMERA	⊙	⊙
SPAN WIRE	XX	XX
UTILITY POLE	⊙	⊙
VIDEO DETECTION	⊙	⊙

GENERAL SIGNAL NOTES

- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO THE CITY OF WILMINGTON DEPARTMENT OF PUBLIC WORKS YARD - 500 WILMINGTON AVENUE, WILMINGTON, DE 19801.
- 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.

PREPARED BY
JMT

Mir A. Wahed
6/18/25

THIS SEAL APPLIES TO ONLY THIS SHEET. DATE

CONCURRENCE FOR INSTALLATION

Steven G. Weber
6/24/25

STEVEN G. WEBER, DIRECTOR OF TRANSPORTATION DATE

LAST REVISED: 9/11/2018
18-JUN-2025
pwz/deidoc-pw-bentley.com/deidoc-pw-01/Documents/01_Active_Projects/DelDOT_Capital_Projects/T202301103_JMT400_CADD/220_ROAD/422_DESIGN_DGN/5604_RDBF_T202301103_N305_JMT_Adams Street & W 9th Street.dgn

ADDENDA / REVISIONS

NOT TO SCALE

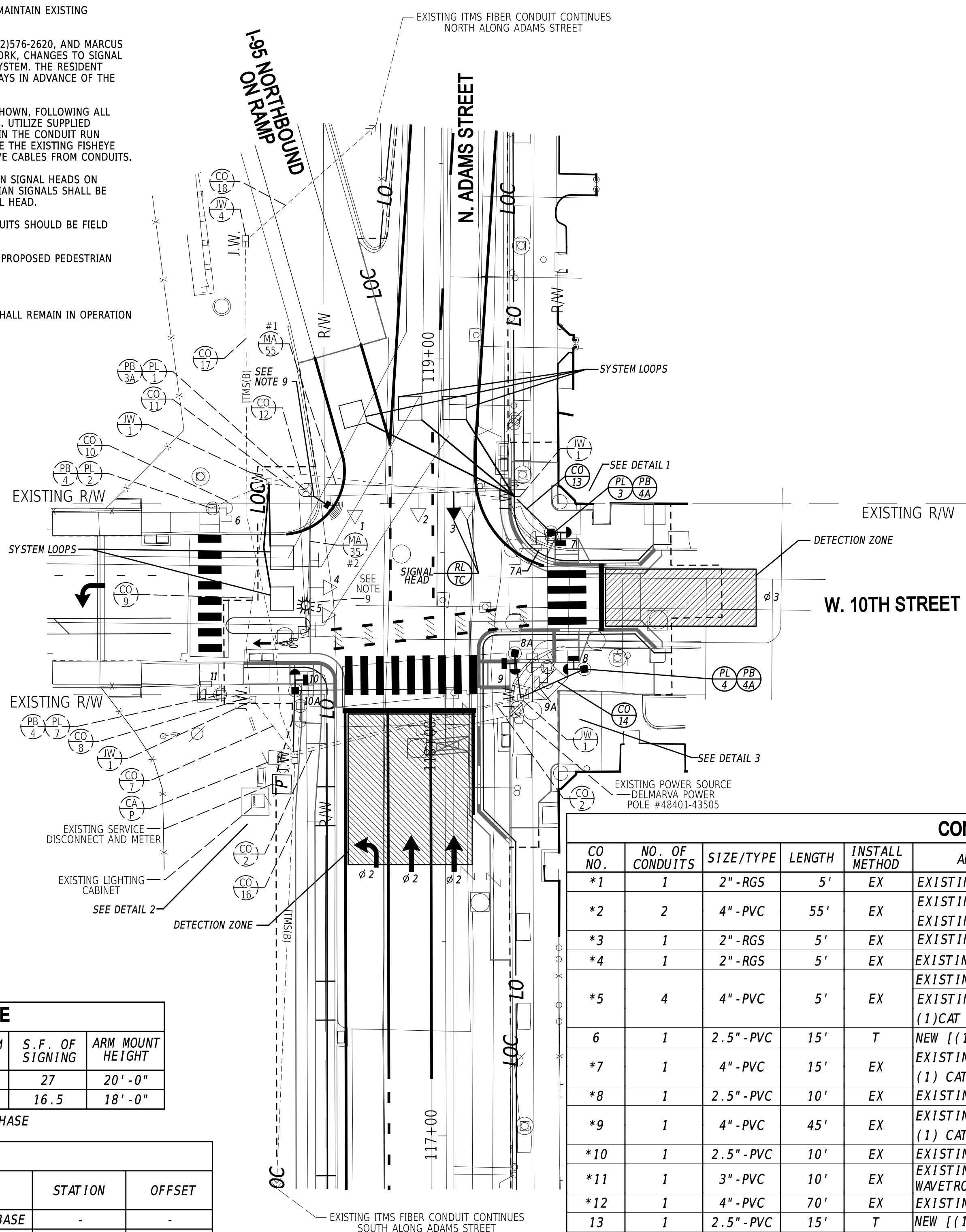
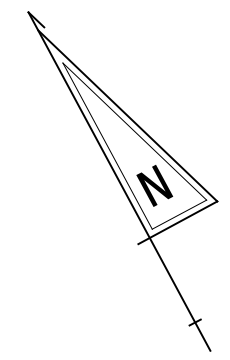
**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	T202301103	PERMIT NO.	N305 / W629, NCAM138
COUNTY	NEW CASTLE	DESIGNED BY:	S. BUNITSKY/J. SMITH
		CHECKED BY:	M. WAHED

SIGNALIZATION PLAN N. ADAMS STREET @ W. 9TH STREET/I-95 OFF RAMP		SECTION	JMT
		SHEET NO.	69

ADDITIONAL GENERAL SIGNAL NOTES

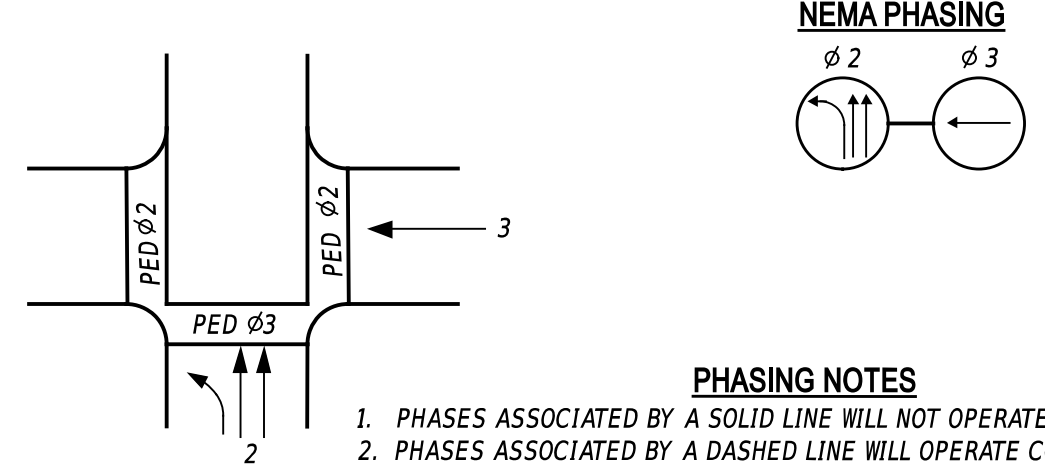
- POLE BASES, CABINET BASES, AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER, AND SHALL BE PAID BY ITEM #211000. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE POLES AND ASSOCIATED SIGNAL EQUIPMENT, AND CABINET. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF THE POLE FOUNDATIONS, ABANDON EXISTING CONDUIT AS NOTED, TRAFFIC CONTRACTOR SHALL REMOVE ANY CABLES IN EXISTING CONDUITS TO BE ABANDONED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL UNDERGROUND SIGNAL EQUIPMENT SUCH AS JUNCTION WELLS, CABINET FOUNDATIONS, POLE BASES, AND CONDUITS. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL ELECTRICAL CABLES AND ABOVE GROUND SIGNAL EQUIPMENT SUCH AS MAST ARMS, SPAN WIRES, POLES, CABINETS, SERVICE PEDESTAL, PUSHBUTTONS, OVERHEAD SIGNS, AND SIGNAL HEADS, AS NECESSARY.
- ALL GALVANIZED CONDUIT (RGS) SHALL BE REAMED AND THREADED. ALL RGS SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- SHIFT EXISTING SIGNAL HEAD 3 INTO ULTIMATE POSITION AS SHOWN.
- MAINTAIN EXISTING POWER SOURCE FROM DELMARVA POWER POLE #48401-43505. MAINTAIN EXISTING PATHWAY FROM POWER SOURCE TO THE EXISTING TRAFFIC CONTROLLER CABINET.
- THE RESIDENT ENGINEER SHALL NOTIFY DELDOT TRAFFIC/TMC, STEVE WEBER AT (302)576-2620, AND MARCUS POWEL AT (302)576-3086 AT LEAST 10 WORKING DAYS IN ADVANCE OF ANY SIGNAL WORK, CHANGES TO SIGNAL OPERATION, OR ACTIVATION OF THE WAVETRONIX SYSTEM/REMOVAL OF THE FISHEYE SYSTEM. THE RESIDENT ENGINEER SHALL NOTIFY STEVE WEBER AND MARCUS POWEL AT LEAST 10 WORKING DAYS IN ADVANCE OF THE CITY NEEDING TO DO ANY TIMING UPDATES.
- INSTALL NEW WAVETRONIX XP-21 DETECTION SYSTEM WITH DETECTION ZONES AS SHOWN. FOLLOWING ALL MANUFACTURER RECOMMENDATIONS, MOUNT THE DEVICE TO MAST ARM #1 AS SHOWN. UTILIZE SUPPLIED WAVETRONIX XP-21 CABLES TO CONNECT THE DETECTOR TO THE CABINET AS SHOWN IN THE CONDUIT RUN SCHEDULE. ONCE THE WAVETRONIX SYSTEM IS OPERATIONAL, DEACTIVATE AND REMOVE THE EXISTING FISHEYE DETECTOR FROM MAST ARM #2, REMOVE FISHEYE SYSTEM FROM CABINET, AND REMOVE CABLES FROM CONDUITS.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEADS #7A-#10A. INSTALL NEW PEDESTRIAN SIGNAL HEADS ON PROPOSED PEDESTAL POLES #3, #4, #5, AND #6 AS SHOWN. ALL PROPOSED PEDESTRIAN SIGNALS SHALL BE COUNTDOWN SIGNALS. INSTALL R10-3E SIGNS ON POLES WITH ONE PEDESTRIAN SIGNAL HEAD.
- EXISTING CONDUITS ARE SHOWN FOR GRAPHICAL PURPOSES ONLY. EXISTING CONDUITS SHOULD BE FIELD LOCATED WHERE SIGNAL WORK INVOLVES CONNECTION WITH EXISTING CONDUITS.
- MAINTAIN ALL EXISTING PEDESTRIAN SIGNALS THROUGHOUT CONSTRUCTION UNTIL PROPOSED PEDESTRIAN SIGNALS ARE OPERATIONAL.
- EXISTING OVERHEAD SIGNAGE MOUNTED TO MAST ARMS #1 AND #2 TO REMAIN.
- DO NOT DISTURB EXISTING BLUETOOTH DETECTOR PERMIT NO. NBT0142. DEVICE SHALL REMAIN IN OPERATION AT ALL TIMES DURING CONSTRUCTION.



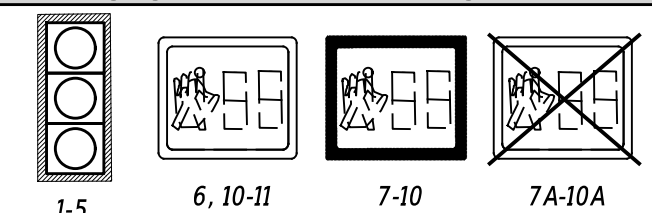
ADDITIONAL LEGEND

- MINIMUM PROPOSED WAVETRONIX DETECTION ZONES
- EXISTING FISHEYE VIDEO DETECTOR
- PROPOSED WAVETRONIX XP-21 DETECTOR

SIGNAL PHASING



SIGNAL HEAD DIAGRAM



LEGEND

ABANDON	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	EXISTING POLE IDENTIFIER (# OF POLE)
EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	PROPOSED POLE IDENTIFIER (# OF POLE)
PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	REMOVE BY CONTRACTOR
EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	REMOVE BY OTHERS
PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL		
LOOP DETECTOR, TYPE 1		
LOOP DETECTOR, TYPE 2		
LUMINAIRE		
MAST ARM		
MICROWAVE DETECTION		
OPTICOM RECEIVER		
OVERHEAD SIGNING		
PEDESTRIAN POLE/BASE		
PEDESTRIAN PUSHBUTTON		
PEDESTRIAN SIGNAL HEAD		
RIGHT-OF-WAY		
SERVICE PEDESTAL		
SIGNAL CABINET		
SIGNAL HEAD		
SIGNAL POLE/BASE		
CCTV CAMERA		
SPAN WIRE		
UTILITY POLE		
VIDEO DETECTION		

MAST ARM SCHEDULE

MA NO.	HEIGHT OF POLE	LENGTH OF ARM	NO. OF HEADS	NO. OPTICOM RECIEVERS	S.F. OF SIGNING	ARM MOUNT HEIGHT
*1	21'-6"	55'	3	1	27	20'-0"
*2	21'-6"	35'	2	1	16.5	18'-0"

* DENOTES EXISTING OR CONSTRUCTED IN PREVIOUS PHASE

POLE SCHEDULE

POLE NO.	TYPE	STATION	OFFSET
*1	35' & 55' / MAST ARMS W/ EXISTING POLE BASE	-	-
*2	PEDESTAL POLE W/ EXISTING POLE BASE	-	-
3	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	118+55.09	27.47' RT
4	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	118+19.67	35.81' RT
5	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	118+23.91	18.02' RT
6	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	118+14.95	38.60' LT
*7	PEDESTAL POLE W/ EXISTING POLE BASE	-	-

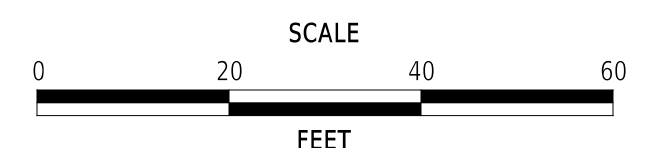
*DENOTES EXISTING OR CONSTRUCTED IN PREVIOUS PHASE

CONDUIT RUN SCHEDULE

CO NO.	NO. OF CONDUITS	SIZE/TYPE	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF CABLE / WIRE
*1	1	2" -RGS	5'	EX	EXISTING [(1)2/#8 U.F. W/ GROUND]
*2	2	4" -PVC	55'	EX	EXISTING [(1)2/#8 U.F. W/ GROUND] EXISTING [(1)1/#6 GRD], REMOVE [(2)5/#14], NEW [(2)5/#14]
*3	1	2" -RGS	5'	EX	EXISTING [(1)2/#8 U.F. W/ GROUND]
*4	1	2" -RGS	5'	EX	EXISTING [(1)2/#8 U.F. W/ GROUND]
*5	4	4" -PVC	5'	EX	EXISTING [(1) ITMS FIBER] EXISTING [(2)9/#14,(2)4/#18,(2)5/#14,(5)2/#14,(4)1/#6 GRD], REMOVE [(4)5/#14, (1)CAT 5E CABLE], NEW [(4)5/#14,(1) WAVETRONIX XP21 CABLE]
6	1	2.5" -PVC	15'	T	NEW [(1)5/#14,(1)1/#6 GRD]
*7	1	4" -PVC	15'	EX	EXISTING [(2)9/#14,(2)5/#14,(2)4/#18,(5)2/#14,(1)1/#6 GRD], REMOVE [(1)5/#14, (1) CAT 5E CABLE], NEW [(1)5/#14, (1) WAVETRONIX XP21 CABLE]
*8	1	2.5" -PVC	10'	EX	EXISTING [(1)5/#14,(1)1/#6 GRD]
*9	1	4" -PVC	45'	EX	EXISTING [(2)9/#14,(1)5/#14,(2)4/#18,(5)2/#14, (1)1/#6 GRD], REMOVE [(1)5/#14, (1) CAT 5E CABLE], NEW [(1)5/#14, (1) WAVETRONIX XP21 CABLE]
*10	1	2.5" -PVC	10'	EX	EXISTING [(1)5/#14,(1)1/#6 GRD]
*11	1	3" -PVC	10'	EX	EXISTING [(2)9/#14,(2)4/#18,(1)1/#6 GRD], REMOVE [(1) CAT 5E CABLE], NEW [(1) WAVETRONIX XP21 CABLE]
*12	1	4" -PVC	70'	EX	EXISTING [(3)2/#14,(1)1/#6 GRD], REMOVE [(1)5/#14], NEW [(1)5/#14]
13	1	2.5" -PVC	15'	T	NEW [(1)5/#14,(1)1/#6 GRD]
14	1	2.5" -PVC	20'	T	NEW [(1)5/#14,(1)1/#6 GRD]
15	1	2.5" -PVC	15'	T	NEW [(1)5/#14,(1)1/#6 GRD]
*16	1	4" -PVC	300'	EX	EXISTING [(1) ITMS FIBER]
*17	1	4" -PVC	140'	EX	EXISTING [(1) ITMS FIBER]
*18	1	4" -PVC	60'	EX	EXISTING [(1) ITMS FIBER]

*DENOTES EXISTING CONDUIT
TYPES: HDPE, PVC, RGS
INSTALL METHODS: B=BORE, 1B=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH

ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	T202301103
PERMIT NO.	N306/W630/NBT0142
DESIGNED BY:	S. BUNITSKY/J. SMITH
COUNTY	NEW CASTLE
CHECKED BY:	M. WAHED

**SIGNALIZATION PLAN
N. ADAMS STREET @ W. 10TH
STREET/I-95 NB ON-RAMP**

PREPARED BY
JMT

Mir A. Wahed 6/18/25

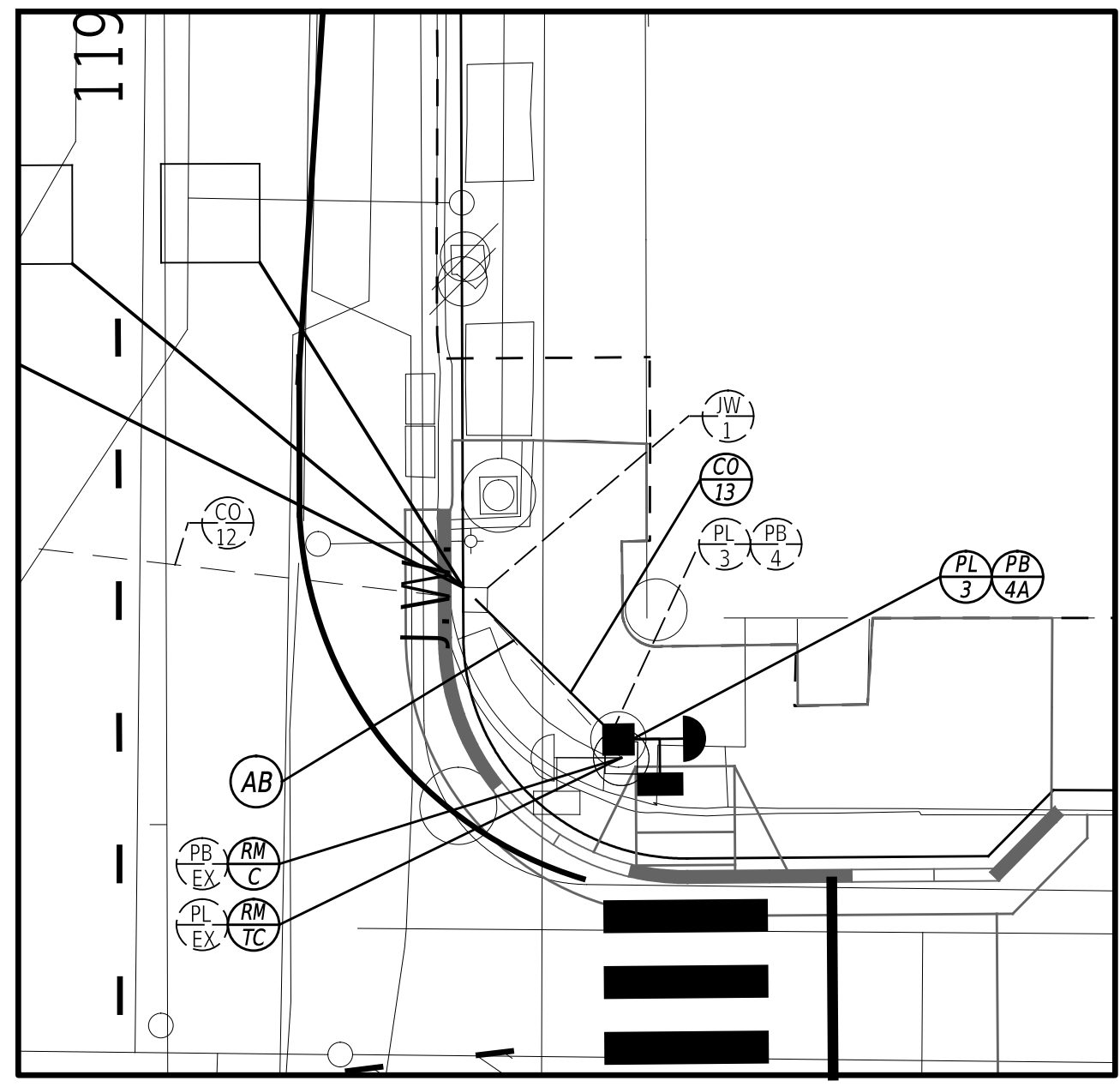
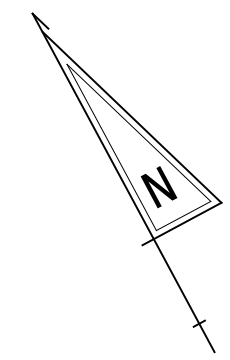
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CONCURRENCE FOR INSTALLATION
Steven G. Weber 6/24/25

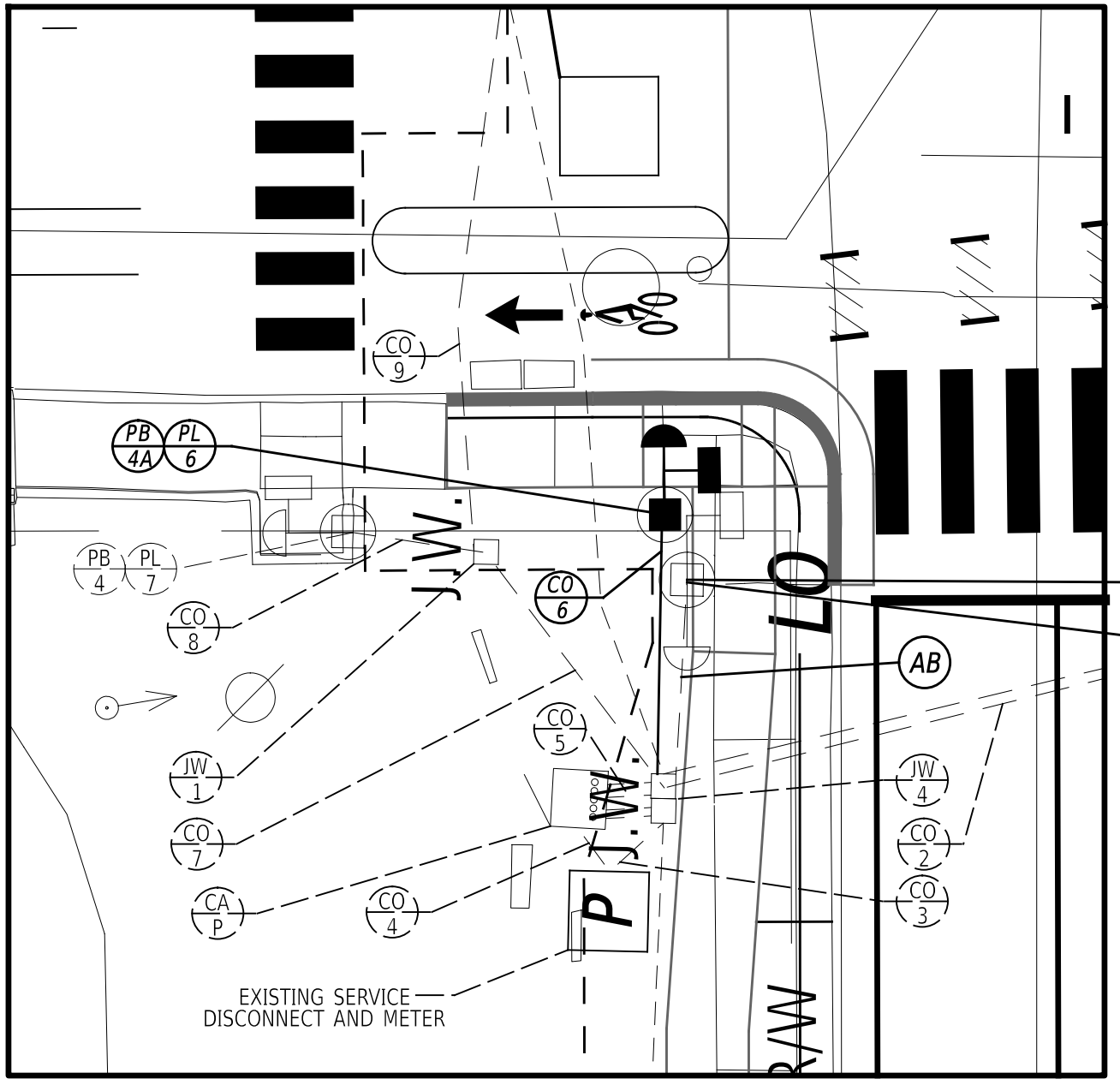
STEVEN G. WEBER, DIRECTOR OF TRANSPORTATION DATE



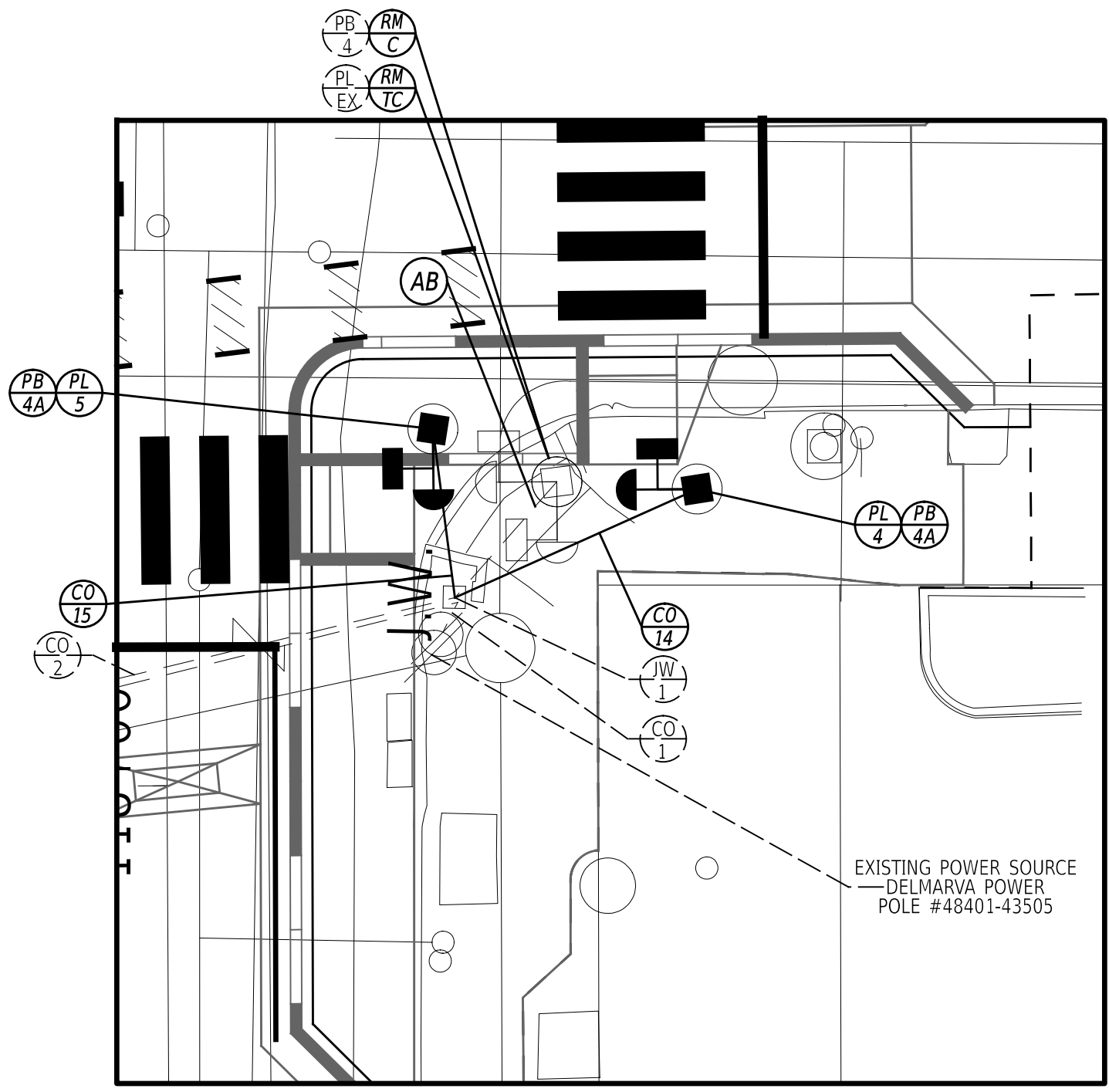
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18-JUN-2025
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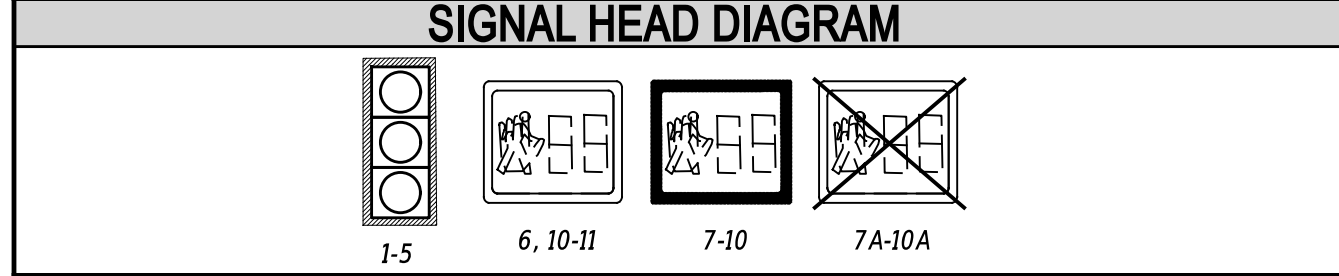
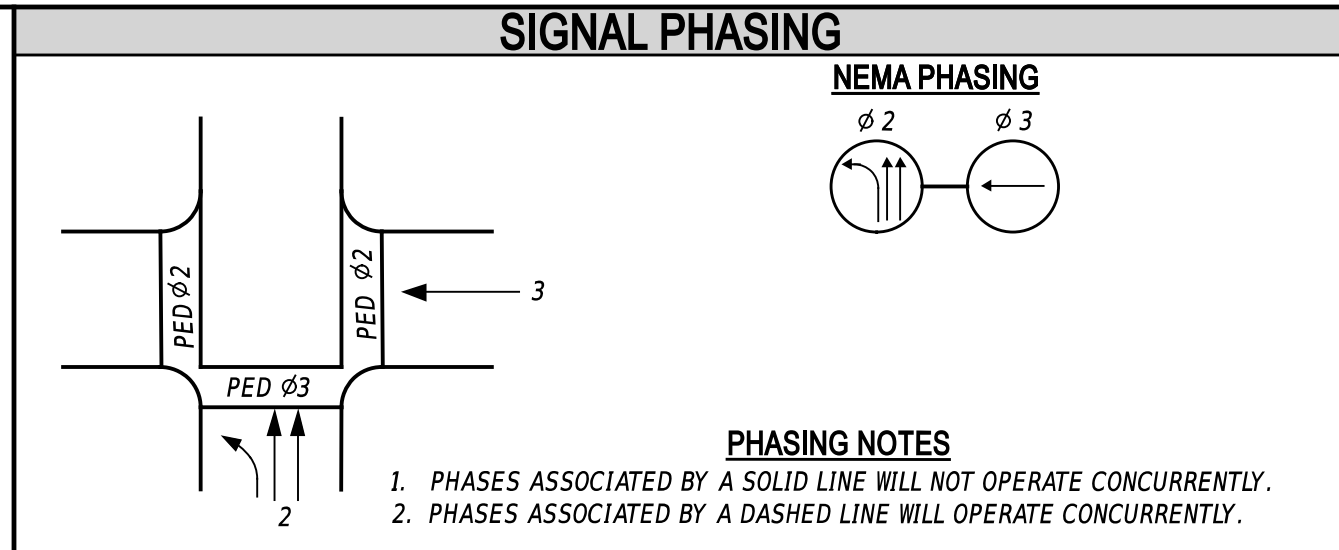
DETAIL 1 - NORTHEAST CORNER
SCALE: 1" = 10'



DETAIL 2 - SOUTHWEST CORNER
SCALE: 1" = 10'



DETAIL 3- SOUTHEAST CORNER
SCALE: 1" = 10'



LEGEND

(AB)	ABANDON	(OH 2)	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA X)	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	(OH 3)	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA)	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	(PB X)	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO 2)	EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PB X)	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO 3)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PL X)	EXISTING POLE IDENTIFIER (# OF POLE)
(JW X)	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(PL X)	PROPOSED POLE IDENTIFIER (# OF POLE)
(JW X)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(RM C)	REMOVE BY CONTRACTOR
(MA XX)	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM O)	REMOVE BY OTHERS
(MA XX)	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM TC)	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.	■
LOOP DETECTOR, TYPE 1	□	□
LOOP DETECTOR, TYPE 2	□	□
LUMINAIRE	⊙	⊙
MAST ARM	⊙	⊙
MICROWAVE DETECTION	⊙	⊙
OPTICOM RECEIVER	⊙	⊙
OVERHEAD SIGNING	⊙	⊙
PEDESTRIAN POLE/BASE	⊙	⊙
PEDESTRIAN PUSHBUTTON	⊙	⊙
PEDESTRIAN SIGNAL HEAD	⊙	⊙
RIGHT-OF-WAY	---	R/W
SERVICE PEDESTAL	EM	P
SIGNAL CABINET	□	■
SIGNAL HEAD	⊙	⊙
SIGNAL POLE/BASE	⊙	⊙
CCTV CAMERA	⊙	⊙
SPAN WIRE	XX	XX
UTILITY POLE	⊙	⊙
VIDEO DETECTION	⊙	⊙

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PREPARED BY
JMT

Mir A. Wahed
6/18/25

THIS SEAL APPLIES TO ONLY THIS SHEET. DATE

CONCURRENCE FOR INSTALLATION

Steven G. Weber
STEVEN G. WEBER, DIRECTOR OF TRANSPORTATION
6/24/25

DATE

ADDENDA / REVISIONS

NOT TO SCALE

ADAMS STREET SIDEWALK IMPROVEMENTS

CONTRACT	T202301103
COUNTY	NEW CASTLE
PERMIT NO.	N306/W630/NBT0142
DESIGNED BY:	S. BUNITSKY/J. SMITH
CHECKED BY:	M. WAHED

SIGNALIZATION PLAN
N. ADAMS STREET @ W. 10TH
STREET/I-95 NB ON-RAMP

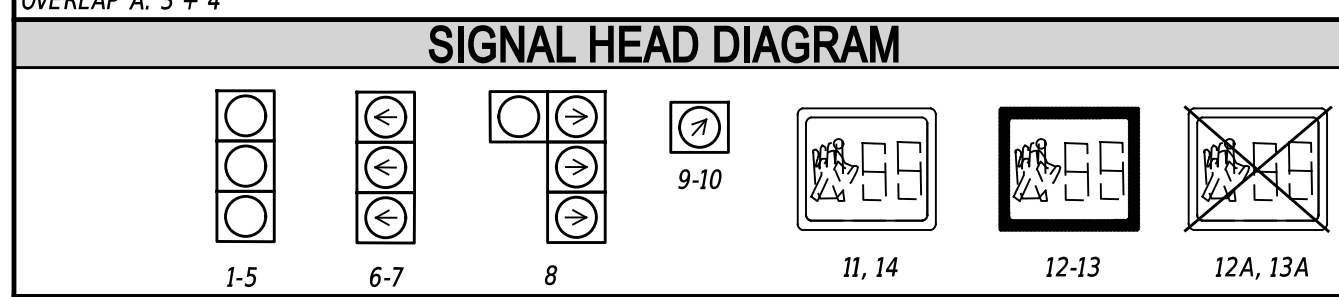
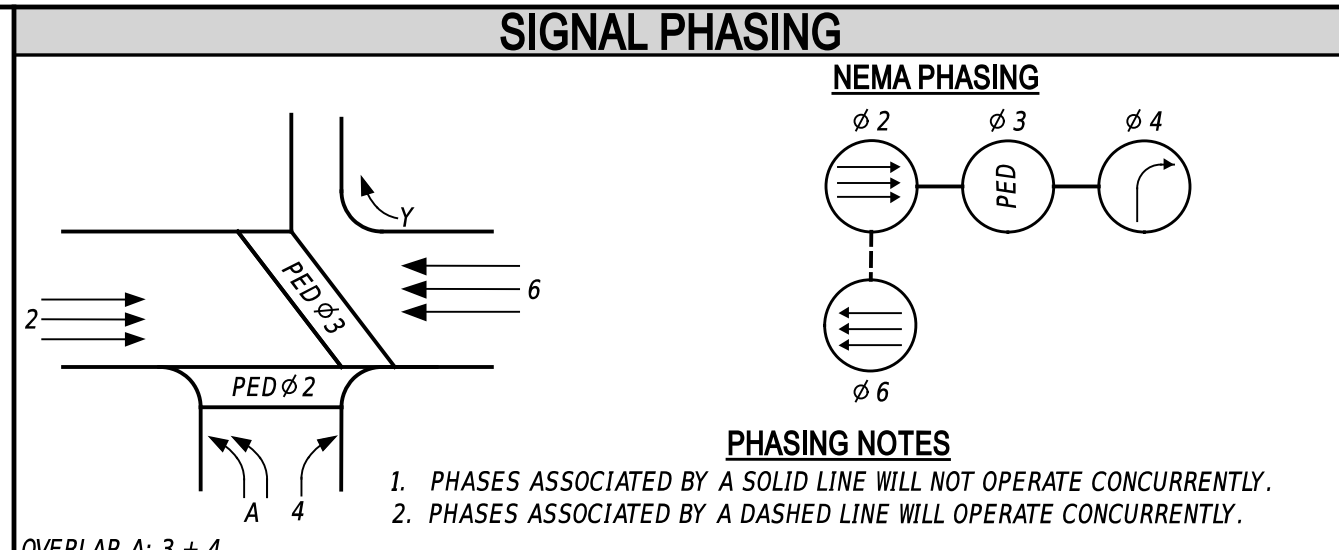
SECTION	JMT
SHEET NO.	71

ADDITIONAL GENERAL SIGNAL NOTES

- POLE BASES, CABINET BASES, AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER, AND SHALL BE PAID BY ITEM #211000. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE POLES AND ASSOCIATED SIGNAL EQUIPMENT, AND CABINET. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF THE POLE FOUNDATIONS. ABANDON EXISTING CONDUIT AS NOTED. TRAFFIC CONTRACTOR SHALL REMOVE ANY CABLES IN EXISTING CONDUITS TO BE ABANDONED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL UNDERGROUND SIGNAL EQUIPMENT SUCH AS JUNCTION WELLS, CABINET FOUNDATIONS, POLE BASES, AND CONDUITS. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL ELECTRICAL CABLES AND ABOVE GROUND SIGNAL EQUIPMENT SUCH AS MAST ARMS, SPAN WIRES, POLES, CABINETS, SERVICE PEDESTAL, PUSHBUTTONS, OVERHEAD SIGNS, AND SIGNAL HEADS, AS NECESSARY.
- ALL GALVANIZED CONDUIT (RGS) SHALL BE REAMED AND THREADED. ALL RGS SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- MAINTAIN EXISTING POWER SOURCE FROM DELMARVA POWER POLE #48454-43593. MAINTAIN EXISTING PATHWAY FROM POWER SOURCE TO THE EXISTING CONTROLLER CABINET.
- THE RESIDENT ENGINEER SHALL NOTIFY STEVE WEBER AT (302)576-2620 AND MARCUS POWEL AT (302)576-3086 AT LEAST 10 WORKING DAYS IN ADVANCE OF ANY SIGNAL WORK OR CHANGES TO SIGNAL OPERATION. THE RESIDENT ENGINEER SHALL NOTIFY STEVE WEBER AND MARCUS POWEL AT LEAST 10 WORKING DAYS IN ADVANCE OF THE CITY NEEDING TO DO ANY TIMING UPDATES.
- EXISTING PEDESTRIAN FLASHING BEACON ASSEMBLY TO REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION.
- EXISTING CONDUITS ARE SHOWN FOR GRAPHICAL PURPOSES ONLY. EXISTING CONDUITS SHOULD BE FIELD LOCATED WHERE SIGNAL WORK INVOLVES CONNECTION WITH EXISTING CONDUITS.
- REMOVE EXISTING PUSH BUTTON AND PLUG HOLE.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEADS #12A & #13A. INSTALL NEW PEDESTRIAN SIGNAL HEADS ON PROPOSED PEDESTAL POLE #7. ALL PROPOSED PEDESTRIAN SIGNALS SHALL BE COUNTDOWN SIGNALS.
- UTILIZE OVERHEAD RUNS #2 & #3 TO CARRY 5/#14 CABLES TO PEDESTRIAN SIGNAL HEADS #12 & #13.
- MAINTAIN ALL EXISTING PEDESTRIAN SIGNALS THROUGHOUT CONSTRUCTION UNTIL PROPOSED PEDESTRIAN SIGNALS ARE OPERATIONAL.
- INSTALL EMPTY CONDUIT AND TYPE 5 JUNCTION WELL FOR FUTURE PEDESTAL POLE INSTALLATION. INSTALL TYPE 5 JUNCTION WELL SUCH THAT THERE IS SPACE REMAINING FOR A FUTURE TYPE 4A POLE BASE TO BE INSTALLED AT THE CORNER BETWEEN THE TWO PEDESTRIAN CONNECTIONS.

CONDUIT RUN SCHEDULE						
CO NO.	NO. OF CONDUITS	SIZE/TYPE	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF CABLE / WIRE	
*1	1	2" -RGS	85'	EX	EXISTING [(1) 2/#8 U.F. W/ GROUND]	
*2	2	4" -PVC	10'	EX	EXISTING [(1)4/#14, (1)1/#6 GRD], REMOVE [(2)9/#14], NEW [(1)16/#14, (3)5/#14]	
*3	1	4" -PVC	25'	EX	EXISTING [(1)4/#14, (1)1/#6 GRD]	
*4	1	2.5" -RGS	20'	EX	EXISTING [(1)4/#14, (1)1/#6 GRD]	
*5	1	2" -RGS	10'	EX	EXISTING [(1)1/#6 GRD], REMOVE [(2)9/#14], NEW [(1)16/#14, (3)5/#14]	
*5A	1	2" -RGS	20'	EX	EXISTING [(4)4/#18, (1)1/#6 GRD], REMOVE [(2)16/#14, (4)9/#14], NEW [(1)16/#14]	
6	1	2.5" -PVC	20'	T	NEW [(2)5/#14, (1)1/#6 GRD]	
6A	1	4" -PVC	30'	T	EMPTY	
*7	1	1.5" -RGS	5'	EX	EXISTING [(1)1/#6 GRD], REMOVE [(2)9/#14], NEW [(3)5/#14]	
*8	1	4" -PVC	60'	EX	EXISTING [(1)1/#6 GRD], REMOVE [(1)9/#14], NEW [(1)5/#14]	
*9	1	2.5" -PVC	5'	EX	EXISTING [(1)1/#6 GRD], REMOVE [(1)9/#14], NEW [(1)5/#14]	
*10	1	2.5" -PVC	60'	EX	EXISTING [(1)9/#14], NEW [(1)1/#6 GRD]	
*11	1	2.5" -PVC	15'	EX	EXISTING [(1)9/#14], NEW [(1)1/#6 GRD]	

*DENOTES EXISTING CONDUIT
 TYPES: HDPE, PVC, RGS
 INSTALL METHODS: B=BORE, IB=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH



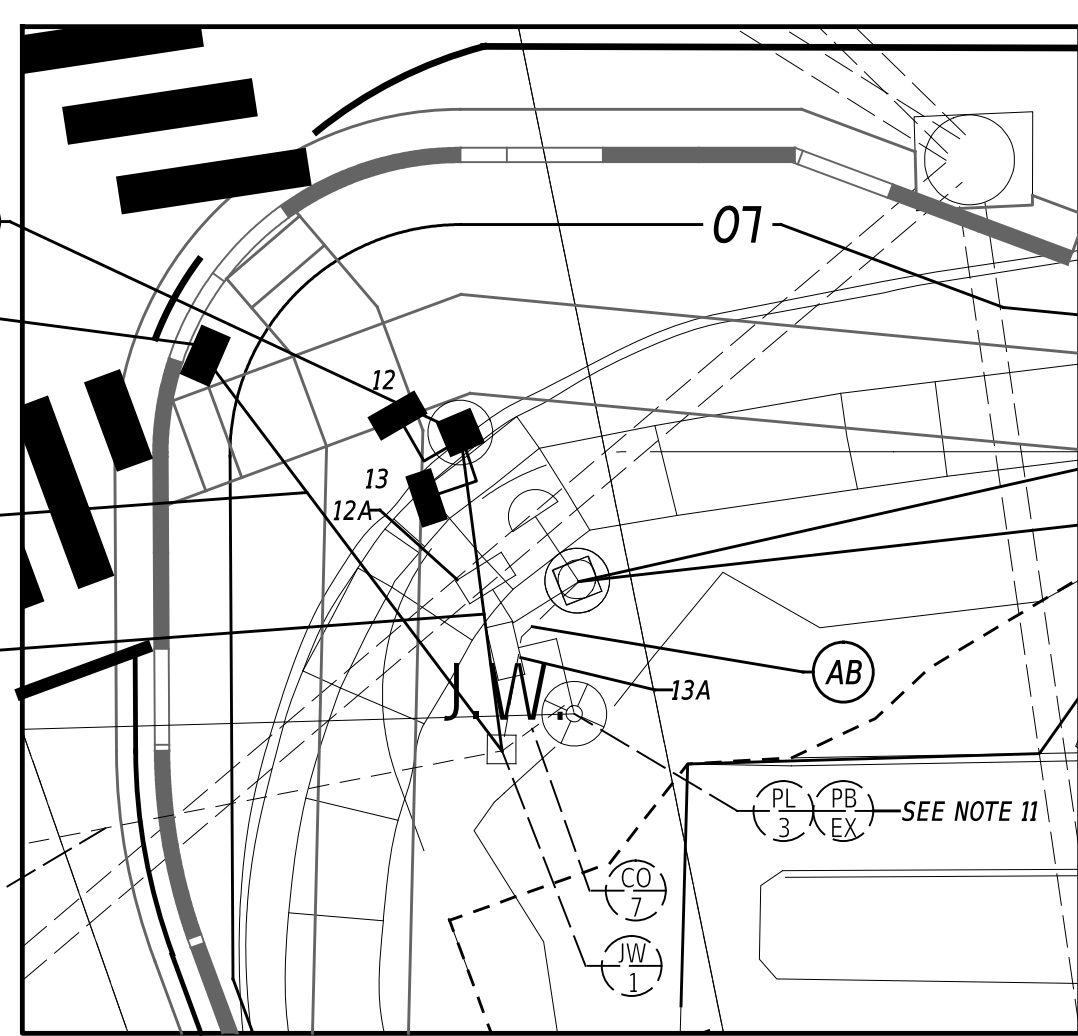
LEGEND			
(AB)	ABANDON	(OH 1)	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA 1)	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	(OH 2)	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA 2)	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	(PB 1)	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO 1)	EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PB 2)	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO 2)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PL 1)	EXISTING POLE IDENTIFIER (# OF POLE)
(JW 1)	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(PL 2)	PROPOSED POLE IDENTIFIER (# OF POLE)
(JW 2)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(RM 1)	REMOVE BY CONTRACTOR
(MA 1)	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM 2)	REMOVE BY OTHERS
(MA 2)	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM 3)	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.	■
LOOP DETECTOR, TYPE 1	□	□
LOOP DETECTOR, TYPE 2	□	□
LUMINAIRE	⤴	⤴
MAST ARM	⤴	⤴
MICROWAVE DETECTION	⤴	⤴
OPTICOM RECEIVER	⤴	⤴
OVERHEAD SIGNING	⤴	⤴
PEDESTRIAN POLE/BASE	⊙	⊙
PEDESTRIAN PUSHBUTTON	⤴	⤴
PEDESTRIAN SIGNAL HEAD	⤴	⤴
RIGHT-OF-WAY	---	---
SERVICE PEDESTAL	EM	EM
SIGNAL CABINET	□	□
SIGNAL HEAD	⤴	⤴
SIGNAL POLE/BASE	⊙	⊙
CCTV CAMERA	⤴	⤴
SPAN WIRE	XX	XX
UTILITY POLE	⊙	⊙
VIDEO DETECTION	⤴	⤴

- GENERAL SIGNAL NOTES**
- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO THE CITY OF WILMINGTON DEPARTMENT OF PUBLIC WORKS YARD - 500 WILMINGTON AVENUE, WILMINGTON, DE 19801.
 - 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.

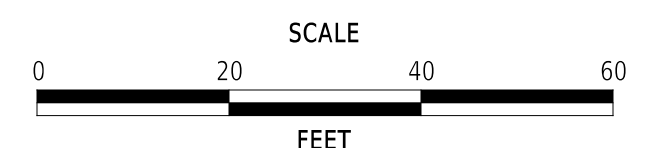
POLE SCHEDULE			
POLE NO.	TYPE	NORTHING	OFFSET
*1	EX. STRAIN POLE W/EX. POLE BASE	-	-
*2	EX. STRAIN POLE W/EX. POLE BASE	-	-
*3	EX. STRAIN POLE W/EX. POLE BASE	-	-
*4	EX. STRAIN POLE W/EX. POLE BASE	-	-
*5	EX. PEDESTAL POLE W/ EX. POLE BASE	-	-
*6	EX. PEDESTAL POLE W/ EX. POLE BASE	-	-
7	10' PEDESTAL POLE W/ TYPE 4A POLE BASE	13+77.43	39.31' RT
*8	PEDESTAL POLE W/ EXISTING POLE BASE	-	-

*DENOTES EXISTING OR CONSTRUCTED IN PREVIOUS PHASE



DETAIL 1 - SOUTHEAST CORNER
1"=10'

ADDENDA / REVISIONS



**ADAMS STREET
SIDEWALK
IMPROVEMENTS**

CONTRACT	T202301103	PERMIT NO.	W536
COUNTY	NEW CASTLE	DESIGNED BY:	S. BUNITSKY/J. SMITH
		CHECKED BY:	M. WAHED

**SIGNALIZATION PLAN
N. ADAMS STREET @
SR 52 (DELAWARE AVENUE)**

SECTION	JMT
SHEET NO.	72

PREPARED BY
JMT

Mir A. Wahed 6/18/25

THIS SEAL APPLIES TO ONLY THIS SHEET. DATE

CONCURRENCE FOR INSTALLATION

Steven G. Weber 6/24/25

STEVEN G. WEBER, DIRECTOR OF TRANSPORTATION DATE

LAST REVISED: 9/11/2018
 18-JUN-2025
 pw:/delDOT-pw-bentley.com/delDOT-pw-01/Documents/01_Active_Projects/DelDOT_Capital_Projects/T202301103_JMT400_CADD/422_DBSIGN_DGN/5607_RDBF_T202301103_W536_JMT_Adams Street & SR 52 Delaware Avenue