

GENERAL LOCATION OF CONTRACT

THE STATE OF DELAWARE DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY
UNITS



CONSTRUCTION PLANS FOR:

SOUTHBRIDGE STREETScape IMPROVEMENTS, PHASE II

CONTRACT NUMBER: T201620011

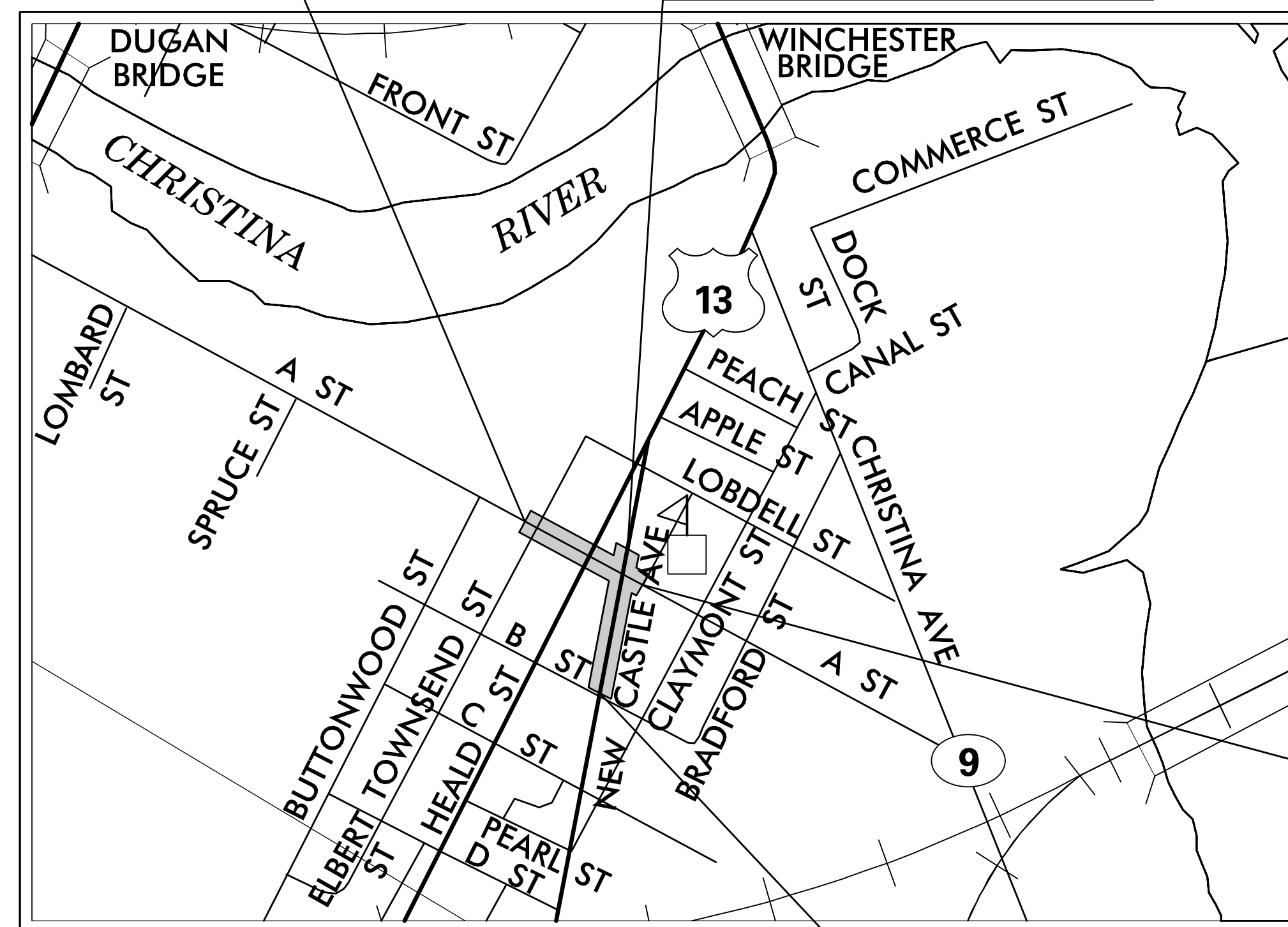
FEDERAL AID PROJECT NUMBER: ETA-2015(49)

COUNTY: NEW CASTLE

M.R. #: NA

**BEGIN CONTRACT
STATION 497 + 00**

**LIMIT OF CONTRACT
STATION 302 + 00**



**END CONTRACT
STATION 503 + 25**

**LOCATION MAP
NOT TO SCALE**

**LIMIT OF CONTRACT
STATION 296 + 90**

DESIGN DESIGNATION			
MRD #:	ROAD NAME:	D.H.V. PROJECTED: N/A	YEAR: N/A
FUNCTIONAL CLASS: LOCAL ROAD	TYPE OF CONSTRUCTION: ENHANCEMENT	DESIGN SPEED: 30 M.P.H.	TRUCKS: N/A
A.A.D.T. CURRENT: N/A	YEAR: N/A	DIRECTION OF DISTRIBUTION: N/A	
A.A.D.T. PROJECTED: N/A	YEAR: N/A		
APPROVED DESIGN EXCEPTIONS			
DESIGN PARAMETER	REQUIRED	PROVIDED	DATE
ADDENDA & REVISIONS			
DESCRIPTION	NAME & DATE		
ASSOCIATED CONTRACTS			
CONTRACT NO.	CONTRACT NAME		
20100308-0011360	MAJOR SUBDIVISION PLAN-HABITAT FOR HUMANITY OF NEW CASTLE COUNTY		
T201206101	PAVEMENT AND REHABILITATION, NORTH I, 2012		
65-07-011	NEW CASTLE AVENUE - ROGERS ROAD TO SOUTH HEALD STREET		

APPROVED FOR ADVERTISEMENT

Jeff Nizgoda on behalf of 9/19/2024
DIRECTOR OF PLANNING DATE
Pamela Steinebach

PREPARED BY
**McCORMICK
TAYLOR**

Kevin Paul Murphy

9/17/2024

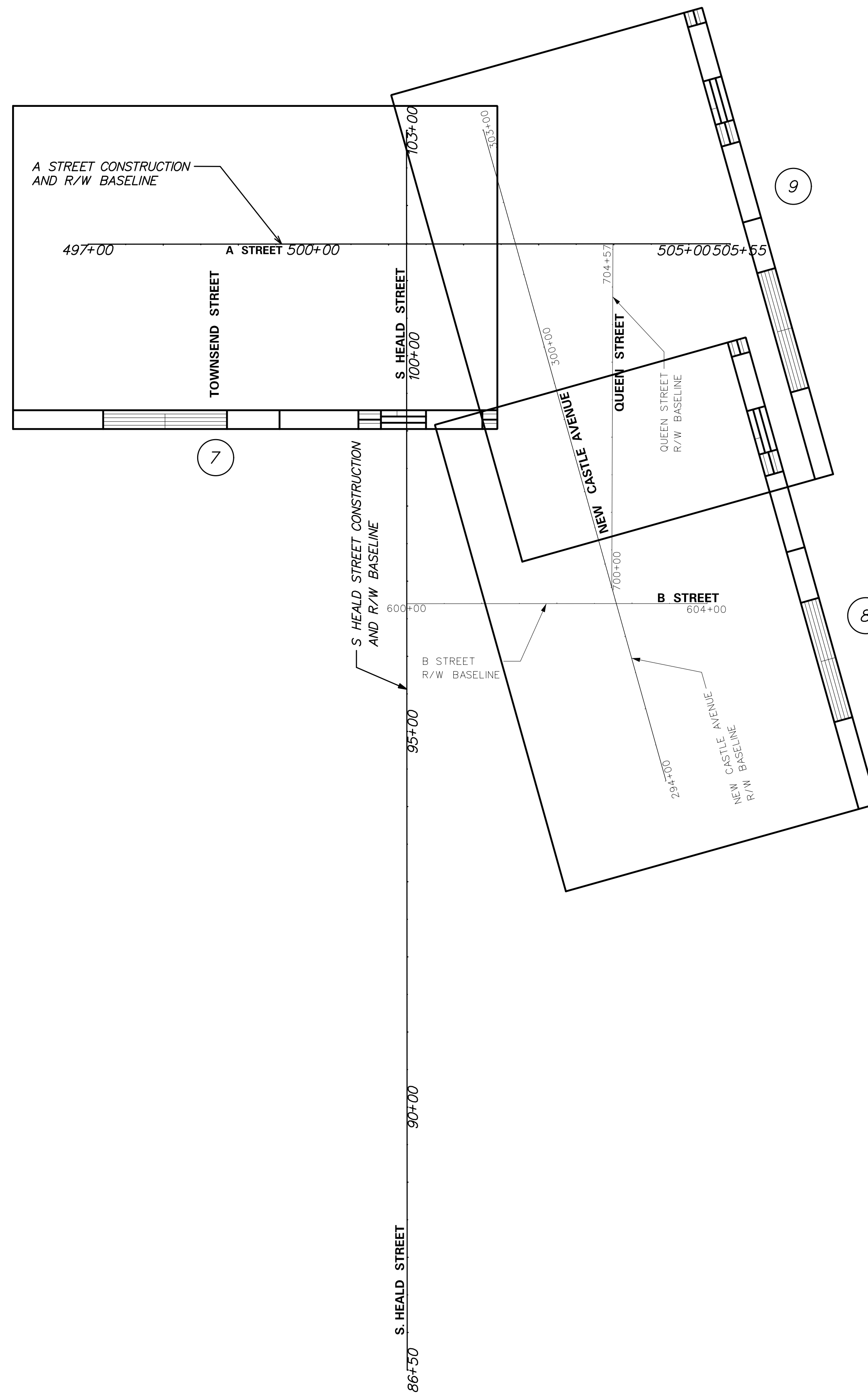
DATE

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



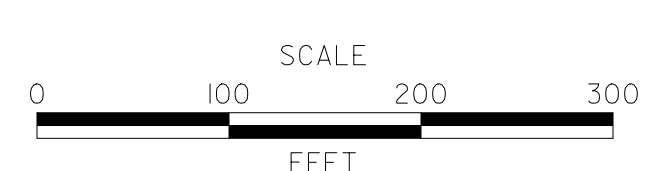
SEAL

INDEX OF SHEETS		
SECTION	SHEET DESCRIPTION	SHEET NO(S)
McT	TITLE	1
McT	INDEX OF SHEETS	2
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McT	LIGHTING PLANS	23-25
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ADDENDA / REVISIONS



**SOUTHBRIDGE
 STREETScape IMPROVEMENTS,
 PHASE II**

CONTRACT	BRIDGE NO.	N/A
T201620011	DESIGNED BY:	F. ATIQUE
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

INDEX OF SHEETS	
SECTION	IS-01
SHEET NO.	2

EXISTING SYMBOLS

DRAINAGE	
	DITCH OR STREAM CENTERLINE
	DIRECTIONAL STREAM FLOW ARROW
	DRAINAGE INLET
	DRAINAGE JUNCTION BOX
	DRAINAGE MANHOLE
	DRAINAGE PIPE AND FLOW ARROW
	DRAINAGE PIPE HEADWALL
	RIPRAP - AREA FEATURE
	RIPRAP - LINEAR FEATURE

MANMADE ROADSIDE FEATURES	
	BOLLARD - STEEL POLE
	BOLLARD - WOOD POST
	CURB
	CURB AND GUTTER
	FENCE - CHAINLINK OR STRANDED
	FENCE - STOCKADE OR SPLIT RAIL
	FLAG POLE
	GUARDRAIL - STEEL BEAM
	GUARDRAIL - WIRE ROPE
	LAMP AND POST - RESIDENTIAL
	MAILBOX
	PARKING METER AND POST
	PAVEMENT - FLEXIBLE
	PAVEMENT - RIGID
	PILE - BRIDGE
	PILLAR OR MISCELLANEOUS POST
	TRAFFIC SIGN AND POST
	WALL - BRICK OR BLOCK
	WALL - STONE

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

RIGHT-OF-WAY SYMBOLS	
	PROPERTY MARKER - CONCRETE MON.
	PROPERTY MARKER - IRON PIPE
	HISTORIC RIGHT-OF-WAY BASELINE
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	EXISTING DENIAL OF ACCESS
	EXISTING R/W & DENIAL OF ACCESS

SURVEY CONTROL & MONUMENTATION	
	SURVEY BENCHMARK LOCATION
	SURVEY TIE POINT LOCATION
	SURVEY TRAVERSE POINT
	POINT OF CURVATURE OR TANGENCY
	POINT OF INTERSECTING TANGENTS

UTILITY	
	SOIL BORING LOCATION
	UTILITY TEST HOLE LOCATION
	CABLE TV DISTRIBUTION BOX
	ELECTRIC MANHOLE
	ELECTRIC METER
	ELECTRIC TRANSFORMER
	POLE MOUNTED LUMINAIRE
	GAS MANHOLE
	GAS METER
	GAS VALVE
	GAS PUMP - SERVICE STATION
	RAILROAD TRACKS
	SANITARY SEWER MANHOLE
	SANITARY SEWER VALVE
	SANITARY SEWER CLEANOUT OR VENT
	SEPTIC DRAIN FIELD
	TELEPHONE BOOTH
	TELEPHONE MANHOLE
	TELEPHONE TEST POINT
	TRAFFIC - CONDUIT JUNCTION WELL
	TRAFFIC - LIGHT POLE AND BASE
	TRAFFIC - PEDESTRIAN POLE & BASE
	TRAFFIC - SIGNAL CABINET & BASE
	TRAFFIC - SIGNAL POLE AND BASE
	UTILITY BOX
	UTILITY POLE GUY WIRE ANCHOR
	UTILITY POLE
	WATER - FIRE HYDRANT
	WATER METER
	WATER VALVE
	WELL HEAD
	MANHOLE - UNDETERMINED OWNER

UTILITY COMPANY FACILITIES	
	AT&T TELEPHONE
	CITY OF WILMINGTON-WATER
	CITY OF WILMINGTON-SEWER
	DELMARVA POWER ELECTRIC
	DELMARVA POWER ELECTRIC AERIAL
	DELMARVA POWER GAS
	FIBERTECH(CROWN CASTLE) AERIAL
	LEVEL 3 COMMUNICATIONS
	VERIZON CABLE
	VERIZON CABLE AERIAL
	FIBERTECH(CROWN CASTLE) CABLE

CONSTRUCTION	
	CONCRETE SAFETY BARRIER - PERMANENT
	BIOFILTRATION SWALE
	BRICK PATTERNED SURFACE
	BUTT JOINT
	CLEAR ZONE
	CONSTRUCTION BASELINE
	CONSTRUCTION SAFETY FENCE
	CURB, TYPE 1 & TYPE 3
	CURB, TYPE 2
	CURB & GUTTER, TYPE 1
	CURB & GUTTER, TYPE 2
	CURB & GUTTER, TYPE 3
	CURB & GUTTER, TYPE 4
	CURB OPENING
	DRAINAGE INLET
	DITCH
	FENCE - METAL
	FENCE - WOOD
	FLARED END SECTION
	GUARDRAIL, TYPE 1
	GUARDRAIL, TYPE 2
	GUARDRAIL, TYPE 3
	GUARDRAIL END ANCHORAGE
	GUARDRAIL END TREATMENT, TYPE 1
	GUARDRAIL END TREATMENT, TYPE 2
	GUARDRAIL END TREATMENT, TYPE 3
	IMPACT ATTENUATOR
	JUNCTION BOX - DRAINAGE
	LATERAL OFFSET
	LIMIT OF CONSTRUCTION
	MAILBOX
	MANHOLE
	PAVEMENT PATCH
	PAVEMENT REMOVAL - TOPSOIL, SEED AND MULCH
	PIPE & DIRECTIONAL FLOW ARROW
	RIPRAP
	P.C.C. SIDEWALK - 4"
	P.C.C. SIDEWALK - 6" (USE 8" DEPTH FOR CHANNELIZATION ISLANDS.)
	UNDERDRAIN
	UNDERDRAIN OUTLET

RIGHT-OF-WAY SYMBOLS	
	PROPOSED RIGHT-OF-WAY MONUMENT
	PROPOSED DENIAL OF ACCESS
	PROPOSED PERMANENT EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED R/W & DENIAL OF ACCESS
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED RIGHT-OF-WAY BASELINE
	PROPOSED RIGHT-TO-ENTER

PROPOSED SYMBOLS

IDENTIFIERS	
	ADJUST BY CONTRACTOR
	ADJUST BY OTHERS
	CONCRETE SAFETY BARRIER
	CURB OR CURB & GUTTER
	CONVERT TO JUNCTION BOX
	CONVERT TO DRAINAGE MANHOLE
	CURB OPENING
	CURB RAMP / TYPE
	CURB RAMP / TYPE - WITHOUT SIDEWALK SURFACE DETECTABLE WARNING SYSTEM
	CONSTRUCTION SAFETY FENCE
	DRAINAGE INLET
	DO NOT DISTURB
	ENERGY DISSIPATOR
	FENCE
	FLARED END SECTION
	FILL WITH FLOWABLE FILL
	FILTRATION STRUCTURE
	GUARDRAIL
	MONUMENT - RIGHT-OF-WAY
	PIPE
	RELOCATE BY CONTRACTOR
	RELOCATE BY OTHERS
	RELOCATE BY PROPERTY OWNER
	REMOVE BY CONTRACTOR
	REMOVE BY TRAFFIC CONTRACTOR
	REMOVE BY OTHERS
	UNDERDRAIN / LENGTH
	UNDERDRAIN OUTLET PIPE

TRAFFIC	
	ITMS CONDUIT
	SIGNAL CONDUIT
	CONDUIT JUNCTION WELL
	LUMINAIRE
	PAVEMENT MARKINGS
	PAVEMENT STRIPING
	TRAFFIC SIGN

PAVEMENT SECTION(S)	
	HOT-MIX PAVEMENT PATCHING - SEE TYPICAL SECTIONS FOR MATERIALS AND DEPTHS
	CONCRETE PAVEMENT PATCHING
	ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK (SEE CONSTRUCTION DETAILS)

LANDSCAPING	
	LANDSCAPE PLANTINGS
	SHRUBBERY
	CONIFEROUS TREE
	DECIDUOUS TREE

CONSTRUCTION PHASING & M.O.T	
	WORK AREA - ACTIVE PHASE
	WORK AREA - ACTIVE PHASE
	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
	INLET SEDIMENT CONTROL
	CHANNELIZING DEVICE - TRAFFIC CONTROL
	SILT FENCE/SILT FENCE IDENTIFIER
	REINFORCED SILT FENCE/ REINFORCED SILT FENCE IDENTIFIER

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

MISCELLANEOUS IDENTIFIERS	
	CURB RAMP DETAIL

ADDENDA / REVISIONS

NOT TO SCALE

SOUTHBRIDGE STREETScape IMPROVEMENTS, PHASE II

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY: F. ATIQUE	
COUNTY	CHECKED BY: K. MURPHY	
NEW CASTLE		

LEGEND

LG-01

SECTION	McT
SHEET NO.	3

GENERAL NOTES

- THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", DATED AUGUST 2020 AND THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS", DATED JANUARY 2024, INCLUDING ALL THE REVISIONS UP TO THE DATE OF ADVERTISEMENT.
- ELECTRONIC PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE AWARDED CONTRACTOR, INCLUDE:

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

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

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

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

- THE DISTURBED AREA FOR THIS PROJECT IS 0.19 ACRES.
- THERE IS NO ADDITIONAL IMPERVIOUS AREA FOR THIS PROJECT.
- THE SEDIMENT AND STORMWATER MANAGEMENT PLANS HAVE BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. THE SEDIMENT AND STORMWATER MANAGEMENT PLANS ARE VALID FOR A FIVE YEAR PERIOD, BEGINNING ON THE DATE THE STORMWATER ENGINEER SIGNED THE CONSTRUCTION TITLE SHEET. IF THE FINAL ACCEPTANCE OF THE PROJECT IS ANTICIPATED TO EXTEND BEYOND THE FIVE YEARS, THE CONTRACTOR WILL INFORM THE ENGINEER THREE MONTHS PRIOR TO THE EXPIRATION OF THE APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS. THE STORMWATER ENGINEER WILL REVIEW THE CURRENT SEDIMENT AND STORMWATER MANAGEMENT PLAN AND ISSUE AN EXTENSION WITH ANY APPROPRIATE MODIFICATIONS.

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.
- NIGHT WORK IS NOT PERMITTED ON THIS PROJECT UNLESS THE CONTRACTOR OBTAINS APPROVAL OF THE ENGINEER, ACCEPTABLE RESPONSES ON NIGHT WORK SURVEYS, AND ACCEPTANCE FROM THE MUNICIPALITY. METHOD AND FORMAT OF THE NIGHT WORK SURVEYS WILL BE PROVIDED BY THE ENGINEER UPON REQUEST. NIGHT WORKS, SURVEYS, AND COORDINATION WITH MUNICIPALITIES IS NOT COMPENSABLE AND THE TIME TO COMPLETE THE SURVEY 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:
 - DRAINAGE INLETS
 - STONE CURB

SECTION 600

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

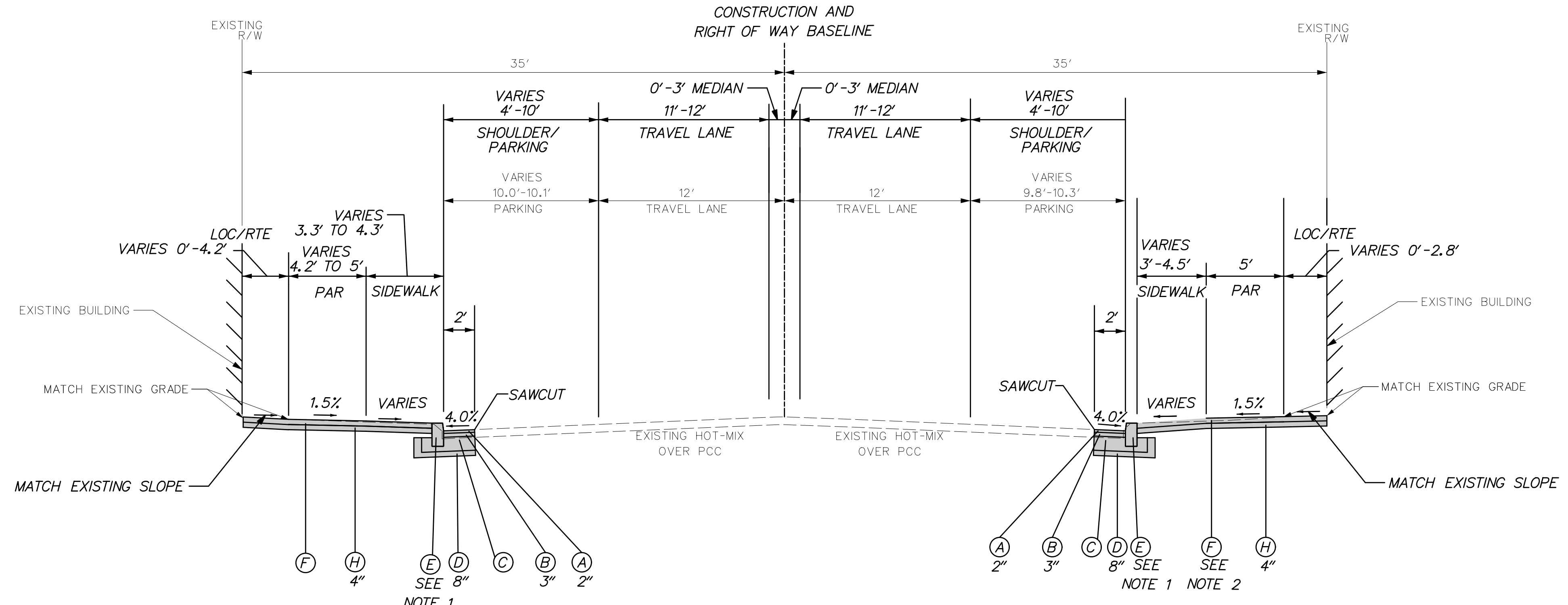
SECTION 700

- 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.
- WATER METER ADJUSTMENTS ARE TO BE PAID FOR UNDER ITEM 710002 - ADJUST WATER VALVE BOXES.

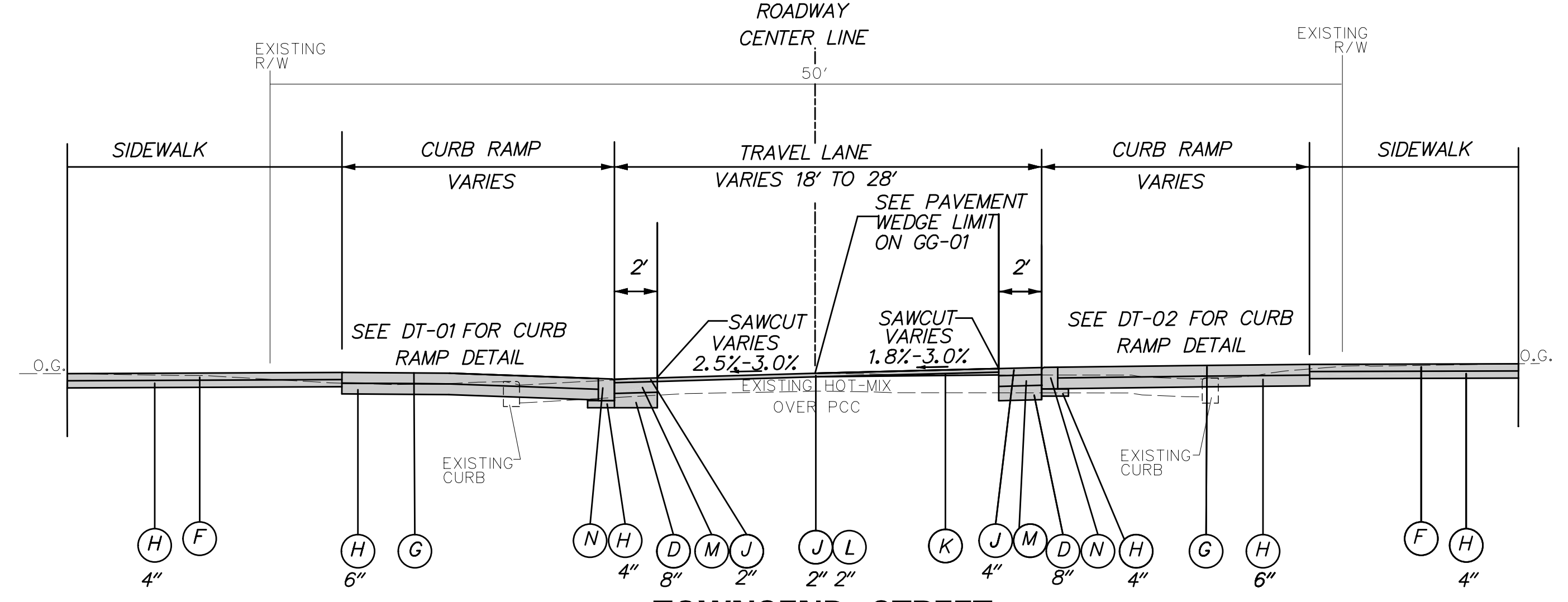
MISCELLANEOUS

- THE CONTRACTOR SHALL NOTIFY DART FIRST STATE AT DOT_DETOURS@DELAWARE.GOV AT LEAST 14 DAYS PRIOR TO THE START OF ANY DETOURS OR CONSTRUCTION, AND DOT_DTC_PROJECTDEVELOPMENT@DELAWARE.GOV AT SUCH TIME THE FACILITY IS COMPLETED AND OPERABLE FOR TRANSIT OPERATIONS. FOR EMERGENCY DETOUR INFORMATION ONLY, PLEASE CONTACT DTC'S CHIEF SCHEDULER AT 302-576-6019.
- THIS PROJECT IS CONSISTENT WITH STIPULATION 11.B.2 OF DELDOT'S PROGRAMATIC AGREEMENT WITH FHWA (FEDERAL HIGHWAY ADMINISTRATION) AND DE SHPO (STATE HISTORIC PRESERVATION OFFICE). THERE ARE NO CULTURAL RESOURCE CONCERNS AS LONG AS THE PROJECT SCOPE IS NOT MODIFIED AND ALL STAGING AND STOCKPILING REMAINS WITHIN THE EXISTING ROADWAY FOOTPRINT. SHOULD THE SCOPE OF THE WORK BE MODIFIED, DELDOT ENVIRONMENTAL STUDIES STAFF WILL NEED TO REVIEW THESE AREAS FOR POTENTIAL CULTURAL RESOURCE CONCERNS.
- COORDINATE WITH PROPERTY OWNERS PRIOR TO CONSTRUCTION FOR TEMPORARY RELOCATION OF PRIVATELY OWNED ITEMS (TRASH CANS, PLANTERS, ETC.). PAYMENT TO BE INCIDENTAL TO ITEM 201000 - CLEARING AND GRUBBING.
- THE CONTRACTOR SHALL MARK THEIR NAME IN THE SIDEWALK, EITHER BY STAMPING OR BY LAYING AN APPROVED METAL PLATE. THE STAMPED LETTERS SHALL BE ONE INCH TALL AND ONE QUARTER INCH DEPTH. IF A METAL PLATE IS USED, THE TOP PLATE SHALL BE FLUSH WITH THE TOP OF THE SIDEWALK. THE CONTRACTOR'S NAME SHALL BE PLACED IN ACCORDANCE WITH THE WILMINGTON CODE OF ORDINANCES.
- THE CONTRACTOR SHALL SALVAGE ANY GRANITE OR STONE CURB WITHIN THE PROJECT LIMITS AS DIRECTED BY THE ENGINEER. SALVAGED GRANITE OR STONE CURB SHALL BE DELIVERED TO THE CITY OF WILMINGTON'S DEPARTMENT OF PUBLIC WORKS CITY YARD ON 1200 NORTHEAST BOULEVARD. ANY WORK ASSOCIATED WITH THE SALVAGING OF GRANITE OR STONE CURB SHALL BE INCIDENTAL TO ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS.

ADDENDA / REVISIONS		NOT TO SCALE	SOUTHBRIDGE STREETSCAPE IMPROVEMENTS, PHASE II	CONTRACT	BRIDGE NO.	NA	NOTES	PN-01
				T201620011	DESIGNED BY: F. ATIQUE			SECTION
				COUNTY	CHECKED BY: K. MURPHY			McT
				NEW CASTLE				SHEET NO.
								4



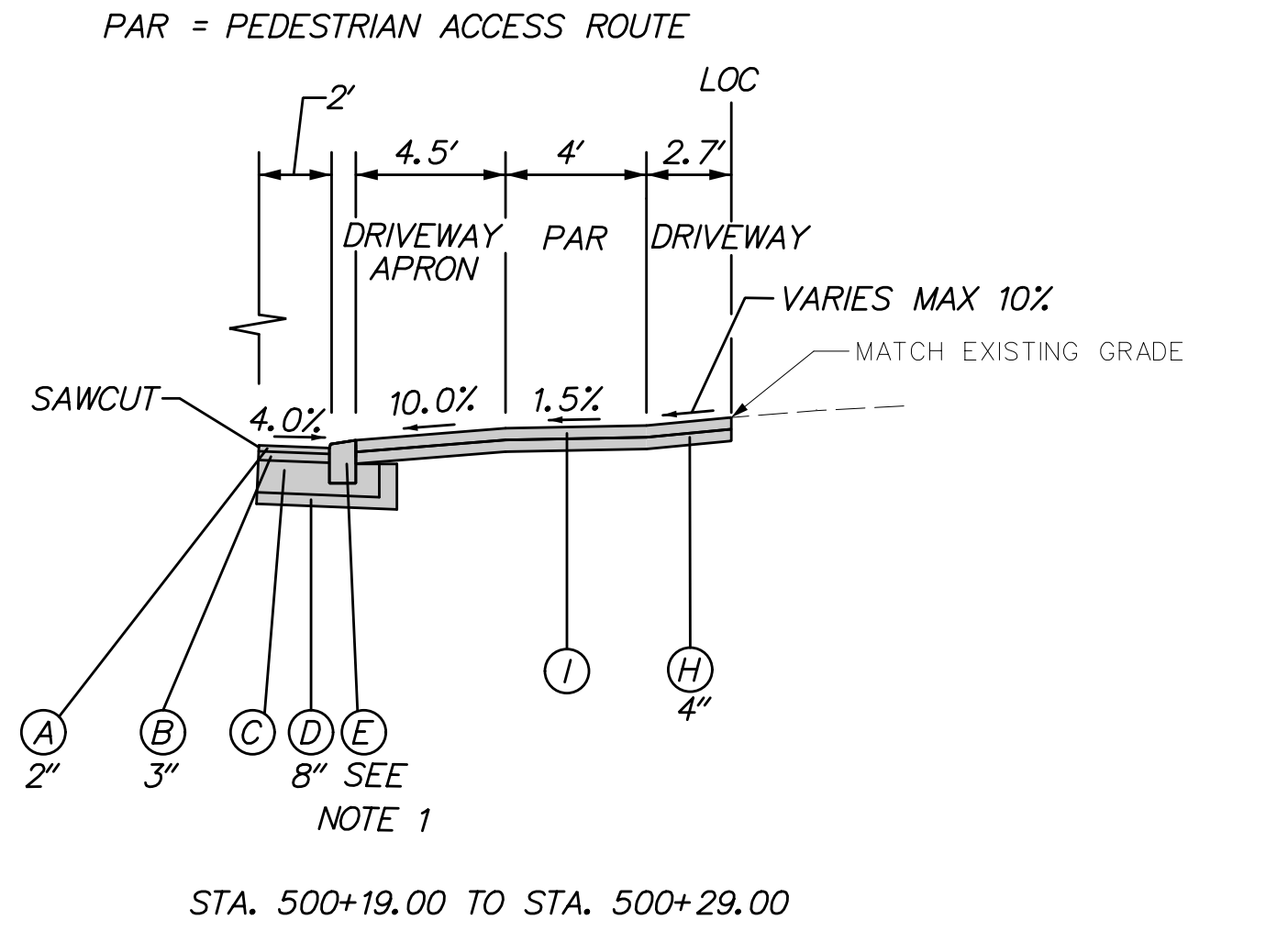
A STREET
STA. 499+02.82 TO STA. 500+79.00



TOWNSEND STREET
25' LT OF "A" STREET AT STA 498+68

LEGEND	
(A)	ITEM 401029 - SUPERPAVE TYPE C, PG 64-22, PATCHING
(B)	ITEM 401030 - SUPERPAVE TYPE B, PG 64-22, PATCHING
(C)	CLASS C CONCRETE, INCIDENTAL TO ITEM 701502 (SEE STONE CURB PAVEMENT PATCH DETAIL ON DT-01 FOR DEPTHS)
(D)	ITEM 301002 - GABC PATCHING
(E)	ITEM 701502 - STONE CURB
(F)	ITEM 705001 - PCC SIDEWALK, 4"
(G)	ITEM 705002 - PCC SIDEWALK, 6"
(H)	ITEM 301001 - GABC
(I)	ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK
(J)	ITEM 401007 - SUPERPAVE TYPE C PG 76-22 (CARBONATE STONE)
(K)	ITEM 401036 - SUPERPAVE TYPE C, PG 664-22, WEDGE
(L)	ITEM 760010- PAVEMENT MILLING BITUMINOUS CONCRETE PAVEMENT
(M)	ITEM 503001- PATCHING PCC PAVEMENT, 6' TO 15', TYPE A
(N)	ITEM 701011- P.C.C. CURB TYPE 1-4

THE LIFTS FOR INDIVIDUAL PAVING MATERIALS ARE:		
	MINIMUM	MAXIMUM
BITUMINOUS CONCRETE, TYPE 'C'	1.25"	2"
BITUMINOUS CONCRETE, TYPE 'B'	2.25"	6"
BITUMINOUS CONCRETE BASE COURSE	3"	6"



- NOTES:
1. REVEAL VARIES (SEE CP-01)
 2. START BRICK SIDEWALK AT STA. 500+14. REFER TO BRICK SIDEWALK DETAIL ON DT-01.

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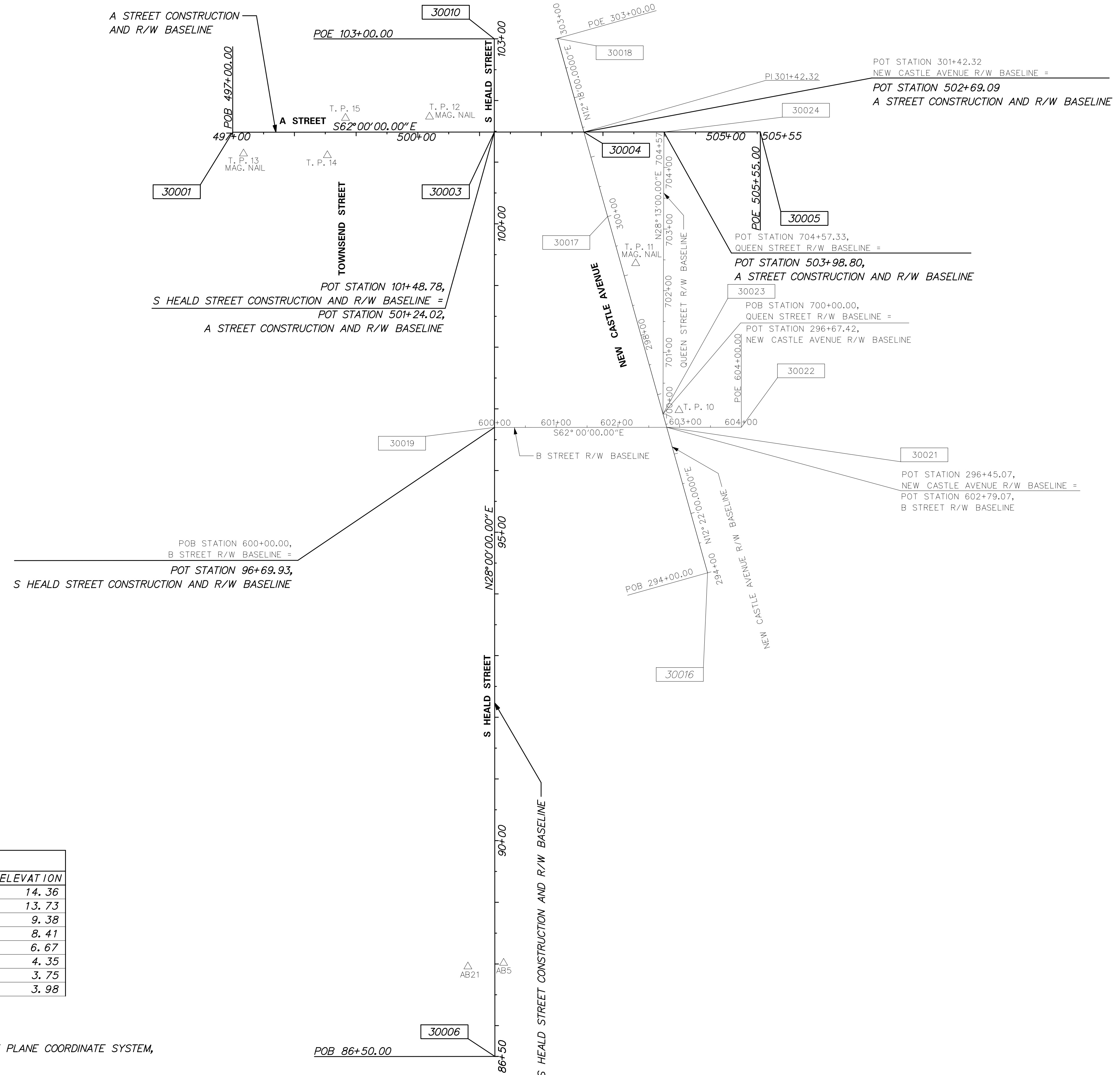
ADDENDA / REVISIONS	NOT TO SCALE	SOUTHBRIDGE STREETSCAPE IMPROVEMENTS, PHASE II	CONTRACT T201620011 COUNTY NEW CASTLE	BRIDGE NO. NA DESIGNED BY: F. ATIQUE CHECKED BY: K. MURPHY	TYPICAL SECTIONS	TS-01 SECTION McT SHEET NO. 5
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CONSTRUCTION ALIGNMENT CONTROL				
POINT	STATION	OFFSET	NORTHING	EASTING
30001	497+00.00	0.00	630409.6471	620216.4129
30002	500+00.00	0.00	630268.8056	620481.2972
30003	501+24.02	0.00	630210.5812	620590.8014
30004	502+69.09	0.00	630142.4736	620718.8933
30005	505+55.00	0.00	630008.2489	620971.3331
30006	86+50.00	0.00	628887.2336	619887.1650
30007	90+00.00	0.00	629196.2653	620051.4801
30008	95+00.00	0.00	629637.7391	620286.2158
30009	100+00.00	0.00	630079.2129	620520.9516
30010	103+00.00	0.00	630344.0972	620661.7931
30016	294+00.00	0.00	629417.3776	620559.9128
30017	300+00.00	0.00	630003.4558	620688.4130
30018	303+00.00	0.00	630296.5341	620752.4839
30019	600+00.00	0.00	629787.7776	620365.9927
30021	602+79.07	0.00	629656.7612	620612.3987
30022	604+00.00	0.00	629599.9890	620719.1718
30023	700+00.00	0.00	629678.5927	620617.1853
30024	704+57.33	0.00	630081.5805	620833.4165

HORIZONTAL / VERTICAL CONTROL DATA					
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
AB5	88+01.57	14.25'	629014.3768	619970.9031	14.36
AB21	87+95.70	-43.64'	629036.3694	619917.0398	13.73
10	1296+66.20	30.58'	629671.7048	620642.8850	9.38
11	1299+14.59	27.31'	629915.0324	620692.8859	8.41
12	500+18.95	-24.84'	630281.8377	620509.6927	6.67
13	497+17.51	34.75'	630370.7473	620215.5609	4.35
14	498+53.36	37.53'	630304.5096	620334.2046	3.75
15	498+82.71	-22.88'	630344.0736	620388.4735	3.98

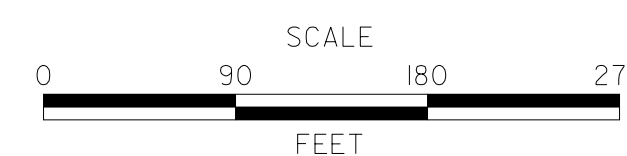
DATUM REFERENCE:
HORIZONTAL - THIS PROJECT IS REFERENCED TO THE DELAWARE STATE PLANE COORDINATE SYSTEM,
NORTH AMERICAN DATUM OF 1983 (NAD 83).

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



9/11/2024 9:28:31 AM ...\\Roadway\HVC01_Southbridge.dgn

ADDENDA / REVISIONS



**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY: F. ATIQUE	
COUNTY	CHECKED BY: K. MURPHY	
NEW CASTLE		

**HORIZONTAL AND
VERTICAL CONTROL**

HVC-01
SECTION
McT
SHEET NO.
6

CURB SCHEDULE

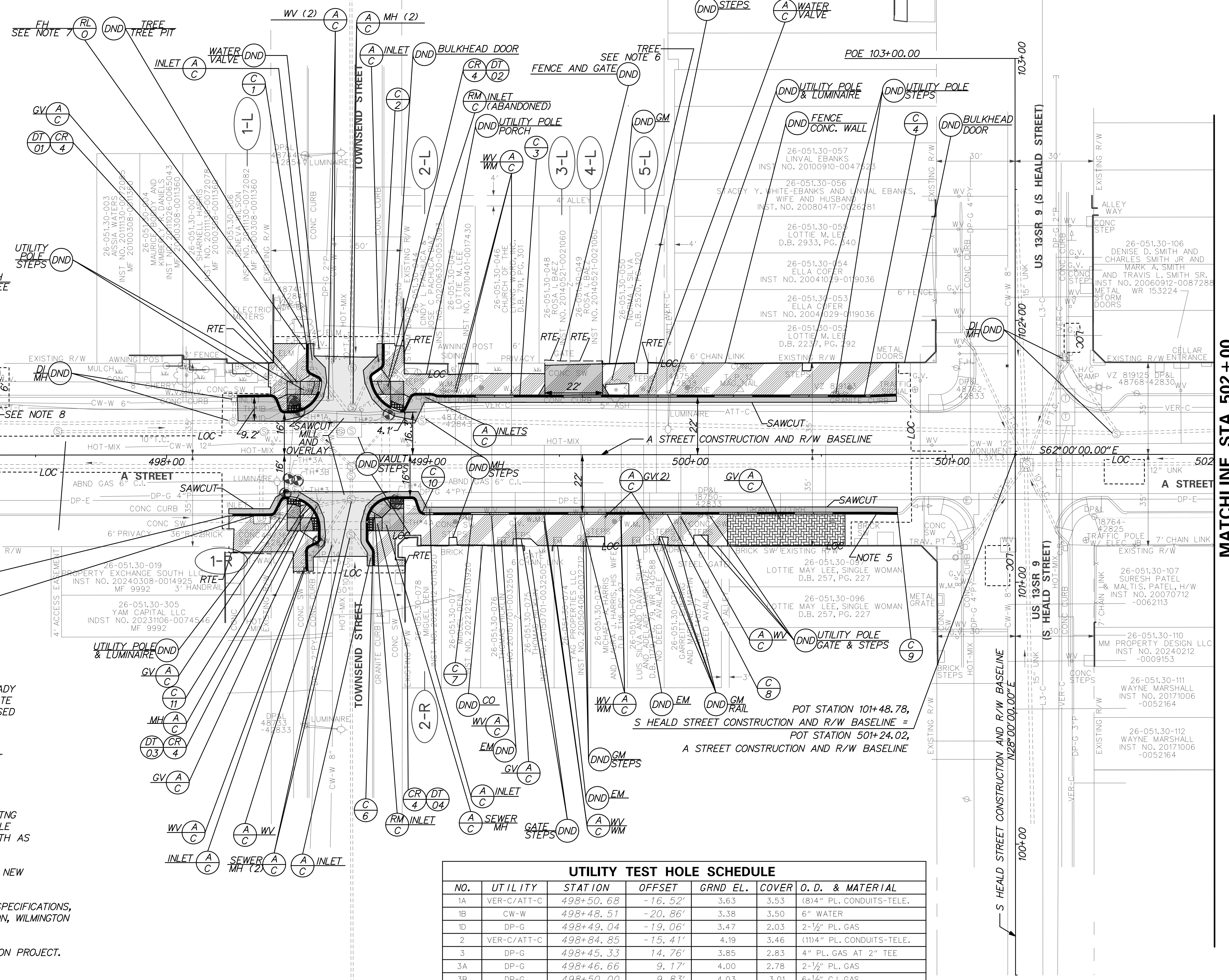
NO.	ITEM DESCRIPTION / TYPE	LENGTH
1	P. C. C. CURB, TYPE 1-4	60'
2	P. C. C. CURB, TYPE 1-4	52'
3	STONE CURB, 3" REVEAL	39'
4	STONE CURB, 6" REVEAL	137'
5	P. C. C. CURB, TYPE 1-6	16'
6	P. C. C. CURB, TYPE 1-2	41'
7	STONE CURB, 4" REVEAL	63'
8	STONE CURB, 6" REVEAL	94'
9	STONE CURB, 3" REVEAL	20'
10	P. C. C. CURB, TYPE 1-4	9'
11	P. C. C. CURB, TYPE 1-2	49'
14	P. C. C. CURB, TYPE 1-4	22'

CURB NOTES:

- CURB 8 TRANSITIONS FROM 4" REVEAL TO 6" REVEAL FROM STA. 499+65 TO STA. 499+75
- CURB 8 TRANSITIONS FROM 6" REVEAL TO 3" REVEAL FROM STA. 500+49 TO STA. 500+59
- CURB 8 IS DEPRESSED CURB FROM STA. 500+19 TO STA. 500+29
- CURB 11 TRANSITIONS FROM 2" TO 6" FROM STA. 498+40 TO STA. 498+46
- CURB 2 TRANSITIONS FROM 4" REVEAL TO 3" REVEAL FROM STA. 499+00 TO STA. 499+04
- CURB 4 IS DEPRESSED CURB FROM STA. 499+42 TO STA. 499+69

NOTES:

- 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.
- SEWER MANHOLES, GAS VALVES, AND WATER VALVES IN THE ROADWAY THAT ARE NOT LABELED "TO BE ADJUSTED" ARE NOT TO BE DISTURBED.
- CO-CLEANOUT
- EXISTING DELMARVA GAS LINE IS APPROXIMATELY 2' FROM EXISTING GROUND AT STATION 498+49, 19.1' LEFT ACCORDING TO TEST HOLE INFORMATION (TH 1D). FIELD ADJUST CURB AND PATCHING DEPTH AS NECESSARY TO AVOID CONFLICT WITH EXISTING GAS LINE.
- RESET/REPLACE THE BRICKS AS NEEDED ALONG THE BACK OF NEW STONE CURB INCIDENTAL TO ITEM 705505.
- PRUNE TREE TO MEET PAS CLEARANCE IN ACCORDANCE WITH SPECIFICATIONS, RULES AND STANDARDS SET FORTH IN CHAPTER 46, VEGETATION, WILMINGTON CODE. ITEM PAID UNDER 201000.
- REMOVED AS PART OF CITY OF WILMINGTON'S SEWER SEPARATION PROJECT.
- MATCH PROPOSED SIDEWALK AT THE EXISTING JOINT.



UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O. D. & MATERIAL
1A	VER-C/ATT-C	498+50.68	-16.52'	3.63	3.53	(8)4" PL. CONDUITS-TELE.
1B	CW-W	498+48.51	-20.86'	3.38	3.50	6" WATER
1D	DP-G	498+49.04	-19.06'	3.47	2.03	2-1/2" PL. GAS
2	VER-C/ATT-C	498+84.85	-15.41'	4.19	3.46	(11)4" PL. CONDUITS-TELE.
3	DP-G	498+45.33	14.76'	3.85	2.83	4" PL. GAS AT 2" TEE
3A	DP-G	498+46.66	9.17'	4.00	2.78	2-1/2" PL. GAS
3B	DP-G	498+50.00	9.83'	4.03	3.01	6-1/2" C.I. GAS
4	DP-E	498+87.81	17.31'	4.05	4.19	41" W/RPC DUCT-ELEC.
4A	DP-E	498+87.46	18.95'	3.95	4.11	S. EDGE OF RPC DUCT-ELEC.
5	DP-G	498+58.03	33.15'	3.77	2.68	2-1/2" PL. GAS

ADDENDA / REVISIONS

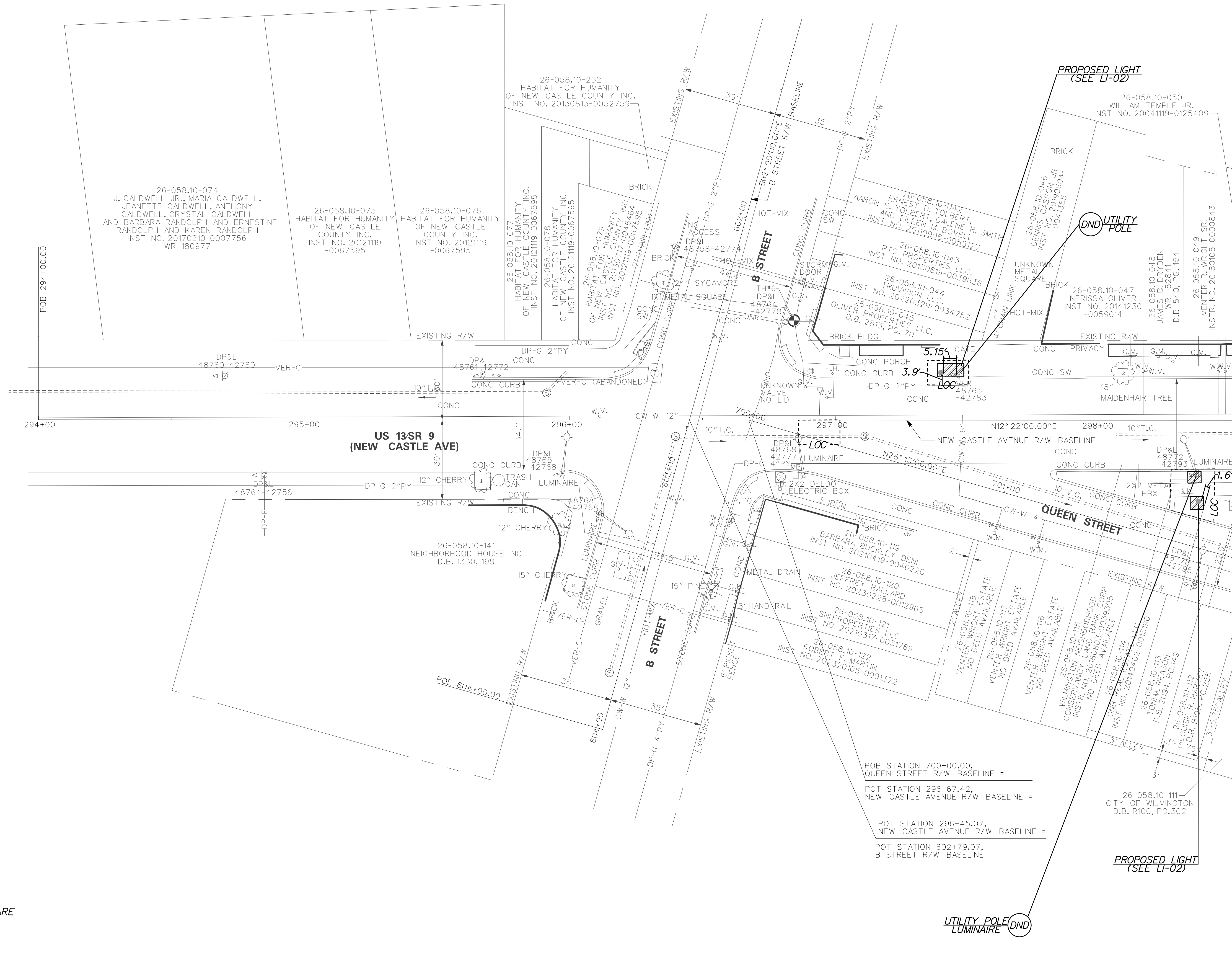
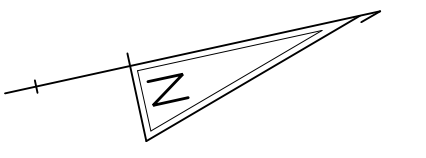


SOUTHBRIDGE STREETScape IMPROVEMENTS, PHASE II

CONTRACT	T201620011	BRIDGE NO.	NA
COUNTY	NEW CASTLE	DESIGNED BY:	F. ATIQUE
		CHECKED BY:	K. MURPHY

CONSTRUCTION PLAN

CP-01	SECTION
	McT
	SHEET NO.
	7



MATCHLINE STA. 298 + 50

NOTES:
 1. DIMENSIONS TO UNDERGROUND UTILITIES ARE APPROXIMATE BASED ON EXISTING PLANS.

UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O. D. & MATERIAL
6	DP-G	296+84.38	-37.48'	10.24	3.16	2" PL. GAS AT 3/4" TEE

ADDENDA / REVISIONS



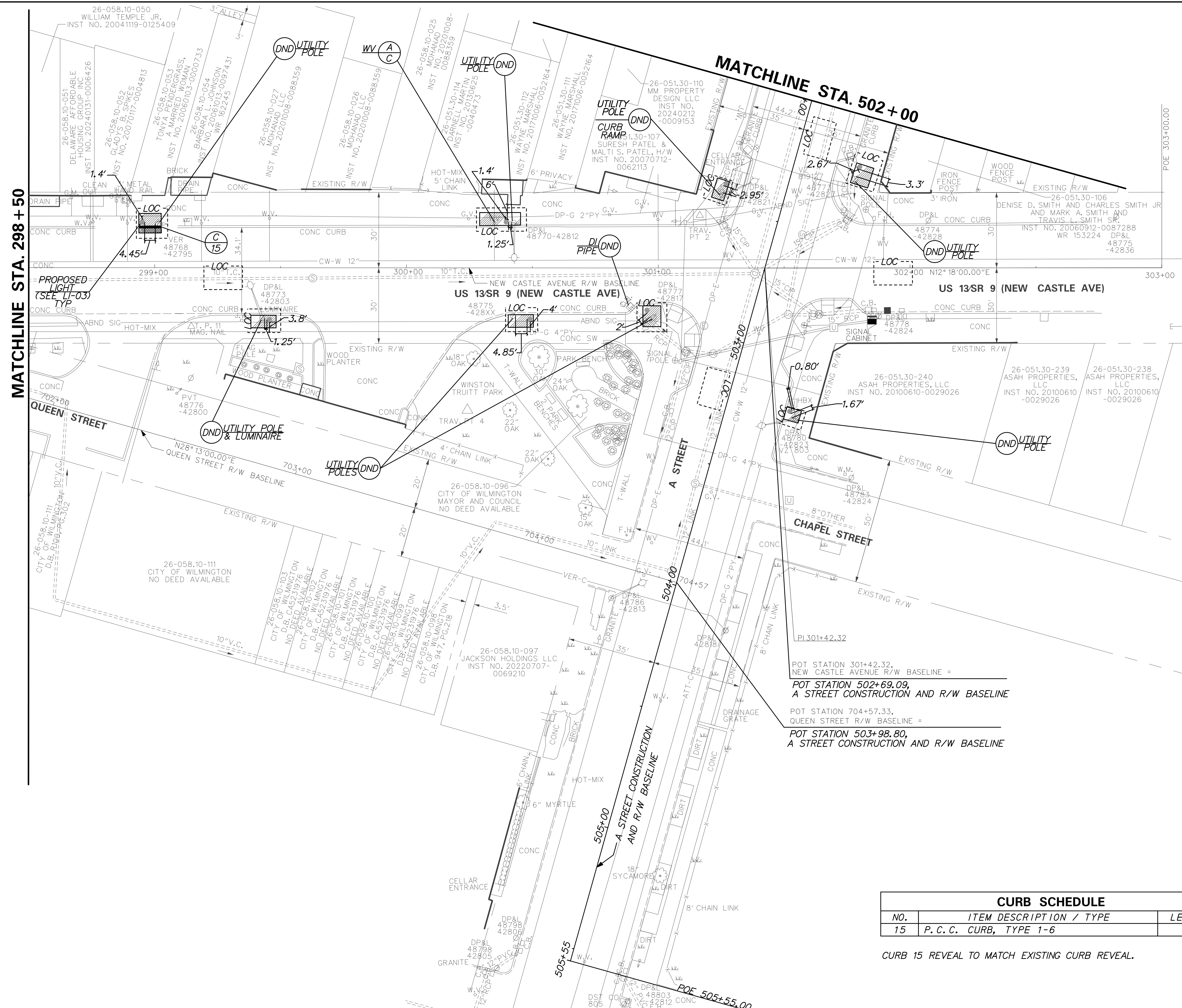
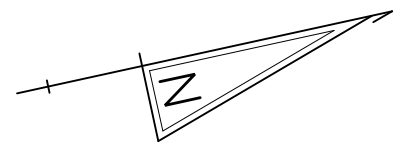
**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	F. ATIQUE
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

CONSTRUCTION PLAN

CP-02
SECTION
McT
SHEET NO.
8

9/11/2024 9:29:15 AM ...Roadway_CPO2_Southbridge.dgn



MATCHLINE STA. 298+50

MATCHLINE STA. 502+00

US 13SR 9 (NEW CASTLE AVE)

QUEEN STREET

A STREET

CHAPEL STREET

POT STATION 301+42.32,
NEW CASTLE AVENUE R/W BASELINE =
POT STATION 502+69.09,
A STREET CONSTRUCTION AND R/W BASELINE =
POT STATION 704+57.33,
QUEEN STREET R/W BASELINE =
POT STATION 503+98.80,
A STREET CONSTRUCTION AND R/W BASELINE =

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
15	P. C. C. CURB, TYPE 1-6	9'

CURB 15 REVEAL TO MATCH EXISTING CURB REVEAL.

NOTES:
1. DIMENSIONS TO UNDERGROUND UTILITIES ARE APPROXIMATE BASED ON EXISTING PLANS.

ADDENDA / REVISIONS



**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	F. ATIQUE
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

CONSTRUCTION PLAN

CP-03

SECTION
McT
SHEET NO.
9

9/11/2024 9:25:25 AM ...Roadway_CPO3_Southbridge.dgn

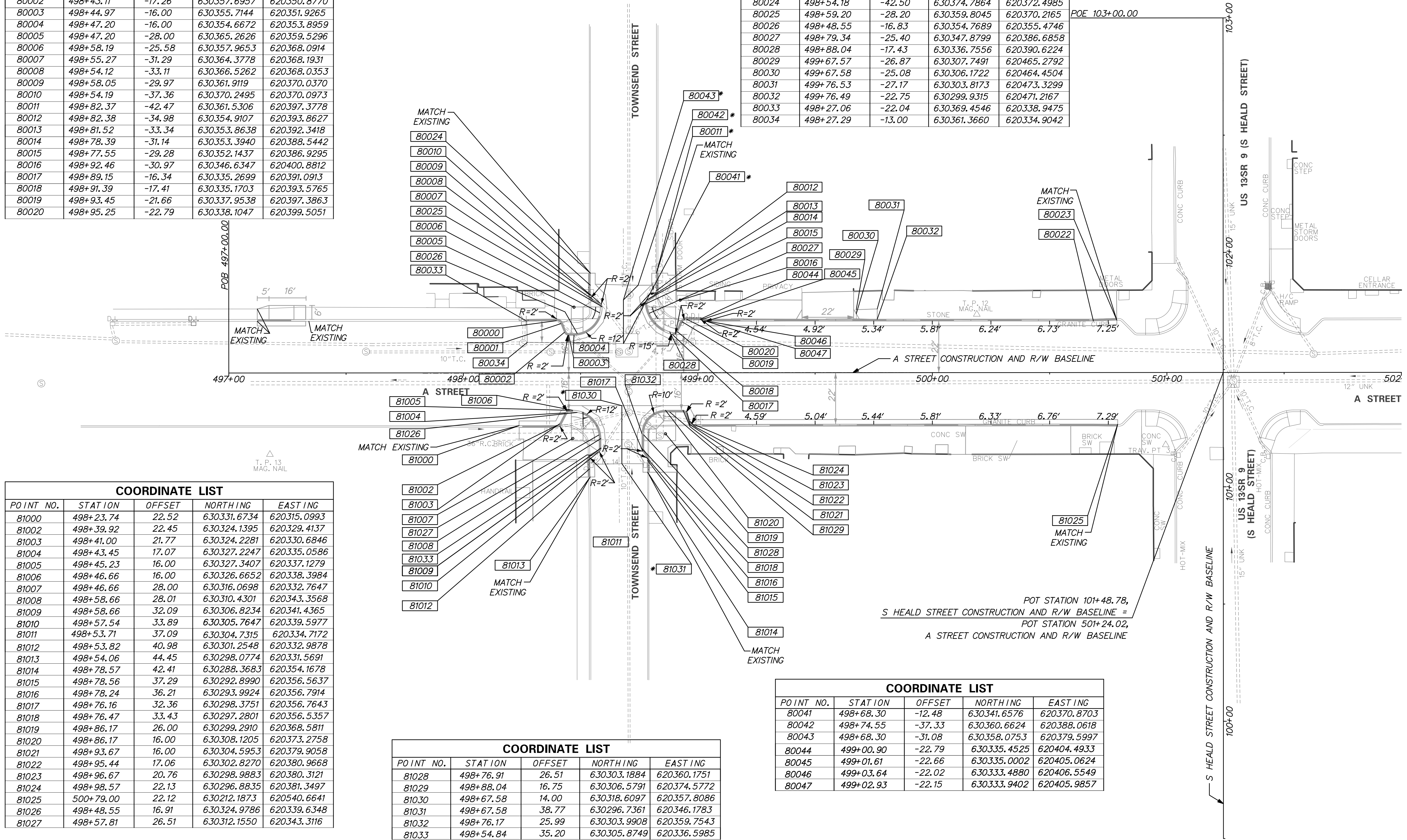
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
80000	498+39.70	-22.23	630363.6919	620350.2005
80001	498+41.63	-20.98	630361.6794	620351.3086
80002	498+43.11	-17.26	630357.6957	620350.8770
80003	498+44.97	-16.00	630355.7144	620351.9265
80004	498+47.20	-16.00	630354.6672	620353.8959
80005	498+47.20	-28.00	630365.2626	620359.5296
80006	498+58.19	-25.58	630357.9653	620368.0914
80007	498+55.27	-31.29	630364.3778	620368.1931
80008	498+54.12	-33.11	630366.5262	620368.0353
80009	498+58.05	-29.97	630361.9119	620370.0370
80010	498+54.19	-37.36	630370.2495	620370.0973
80011	498+82.37	-42.47	630361.5306	620397.3778
80012	498+82.38	-34.98	630354.9107	620393.8627
80013	498+81.52	-33.34	630353.8638	620392.3418
80014	498+78.39	-31.14	630353.3940	620388.5442
80015	498+77.55	-29.28	630352.1437	620386.9295
80016	498+92.46	-30.97	630346.6347	620400.8812
80017	498+89.15	-16.34	630335.2699	620391.0913
80018	498+91.39	-17.41	630335.1703	620393.5765
80019	498+93.45	-21.66	630337.9538	620397.3863
80020	498+95.25	-22.79	630338.1047	620399.5051

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
80022	500+68.66	-22.00	630255.9982	620552.2456
80023	500+78.66	-22.34	630251.6072	620561.2366
80024	498+54.18	-42.50	630374.7864	620372.4985
80025	498+59.20	-28.20	630359.8045	620370.2165
80026	498+48.55	-16.83	630354.7689	620355.4746
80027	498+79.34	-25.40	630347.8799	620386.6858
80028	498+88.04	-17.43	630336.7556	620390.6224
80029	499+67.57	-26.87	630307.7491	620465.2792
80030	499+67.58	-25.08	630306.1722	620464.4504
80031	499+76.53	-27.17	630303.8173	620473.3299
80032	499+76.49	-22.75	630299.9315	620471.2167
80033	498+27.06	-22.04	630369.4546	620338.9475
80034	498+27.29	-13.00	630361.3660	620334.9042

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
81000	498+23.74	22.52	630331.6734	620315.0993
81002	498+39.92	22.45	630324.1395	620329.4137
81003	498+41.00	21.77	630324.2281	620330.6846
81004	498+43.45	17.07	630327.2247	620335.0586
81005	498+45.23	16.00	630327.3407	620337.1279
81006	498+46.66	16.00	630326.6652	620338.3984
81007	498+46.66	28.00	630316.0698	620332.7647
81008	498+58.66	28.01	630310.4301	620343.3568
81009	498+58.66	32.09	630306.8234	620341.4365
81010	498+57.54	33.89	630305.7647	620339.5977
81011	498+53.71	37.09	630304.7315	620334.7172
81012	498+53.82	40.98	630301.2548	620332.9878
81013	498+54.06	44.45	630298.0774	620331.5691
81014	498+78.57	42.41	630288.3683	620354.1678
81015	498+78.56	37.29	630292.8990	620356.5637
81016	498+78.24	36.21	630293.9924	620356.7914
81017	498+76.16	32.36	630298.3751	620356.7643
81018	498+76.47	33.43	630297.2801	620356.5357
81019	498+86.17	26.00	630299.2910	620368.5811
81020	498+86.17	16.00	630308.1205	620373.2758
81021	498+93.67	16.00	630304.5953	620379.9058
81022	498+95.44	17.06	630302.8270	620380.9668
81023	498+96.67	20.76	630298.9883	620380.3121
81024	498+98.57	22.13	630296.8835	620381.3497
81025	500+79.00	22.12	630212.1873	620540.6641
81026	498+48.55	16.91	630324.9786	620339.6348
81027	498+57.81	26.51	630312.1550	620343.3116

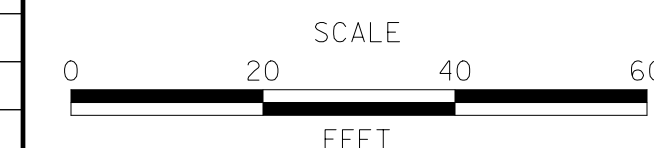
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
81028	498+76.91	26.51	630303.1884	620360.1751
81029	498+88.04	16.75	630306.5791	620374.5772
81030	498+67.58	14.00	630318.6097	620357.8086
81031	498+67.58	38.77	630296.7361	620346.1783
81032	498+76.17	25.99	630303.9908	620359.7543
81033	498+54.84	35.20	630305.8749	620336.5985

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
80041	498+68.30	-12.48	630341.6576	620370.8703
80042	498+74.55	-37.33	630360.6624	620388.0618
80043	498+68.30	-31.08	630358.0753	620379.5997
80044	499+00.90	-22.79	630335.4525	620404.4933
80045	499+01.61	-22.66	630335.0002	620405.0624
80046	499+03.64	-22.02	630333.4880	620406.5549
80047	499+02.93	-22.15	630333.9402	620405.9857



NOTE: *LIMIT FOR PAVEMENT WEDGE SECTION

ADDENDA / REVISIONS



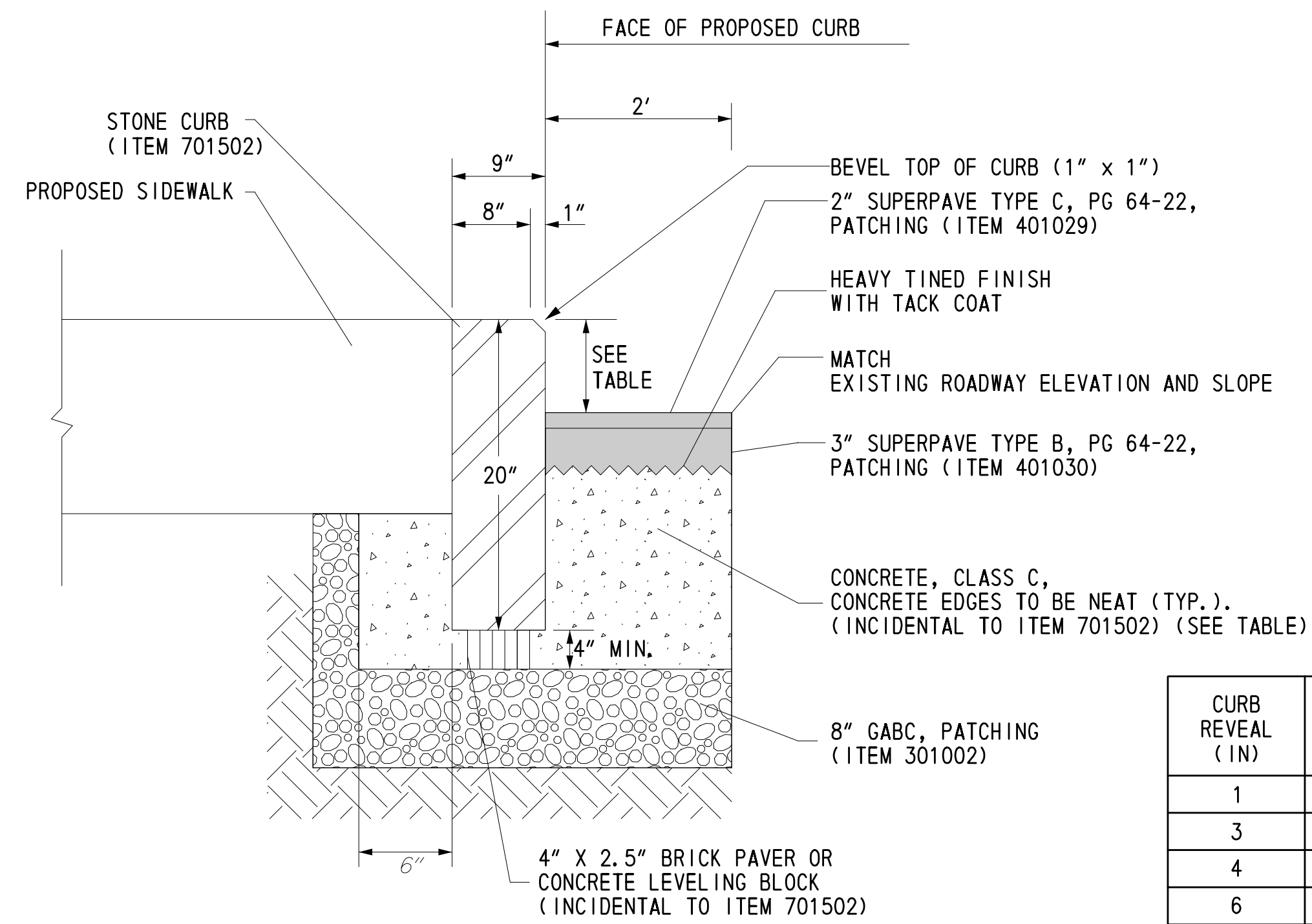
**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	F. ATIQUE
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

**GRADES AND
GEOMETRICS**

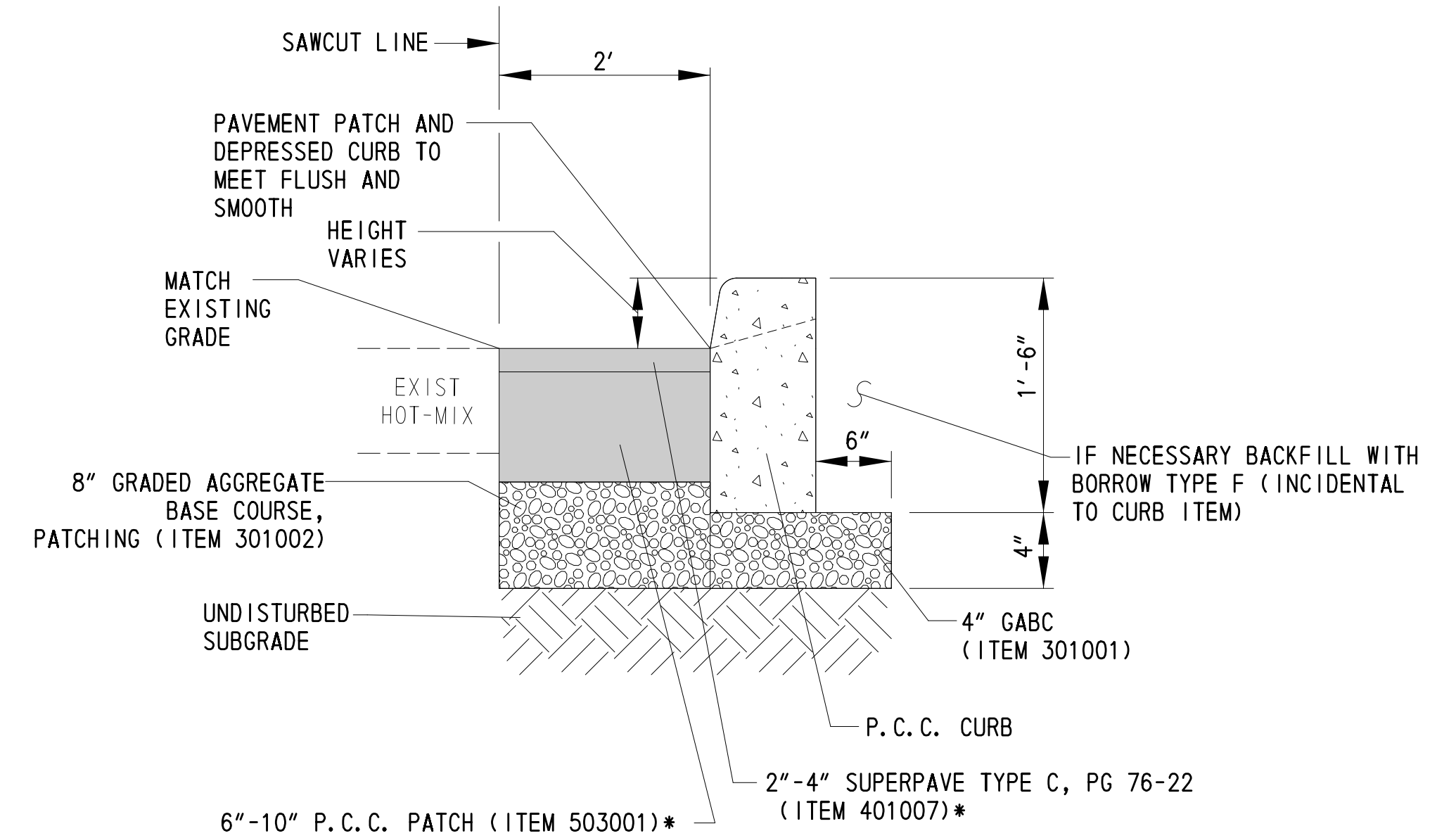
GG-01
SECTION
McT
SHEET NO.
10

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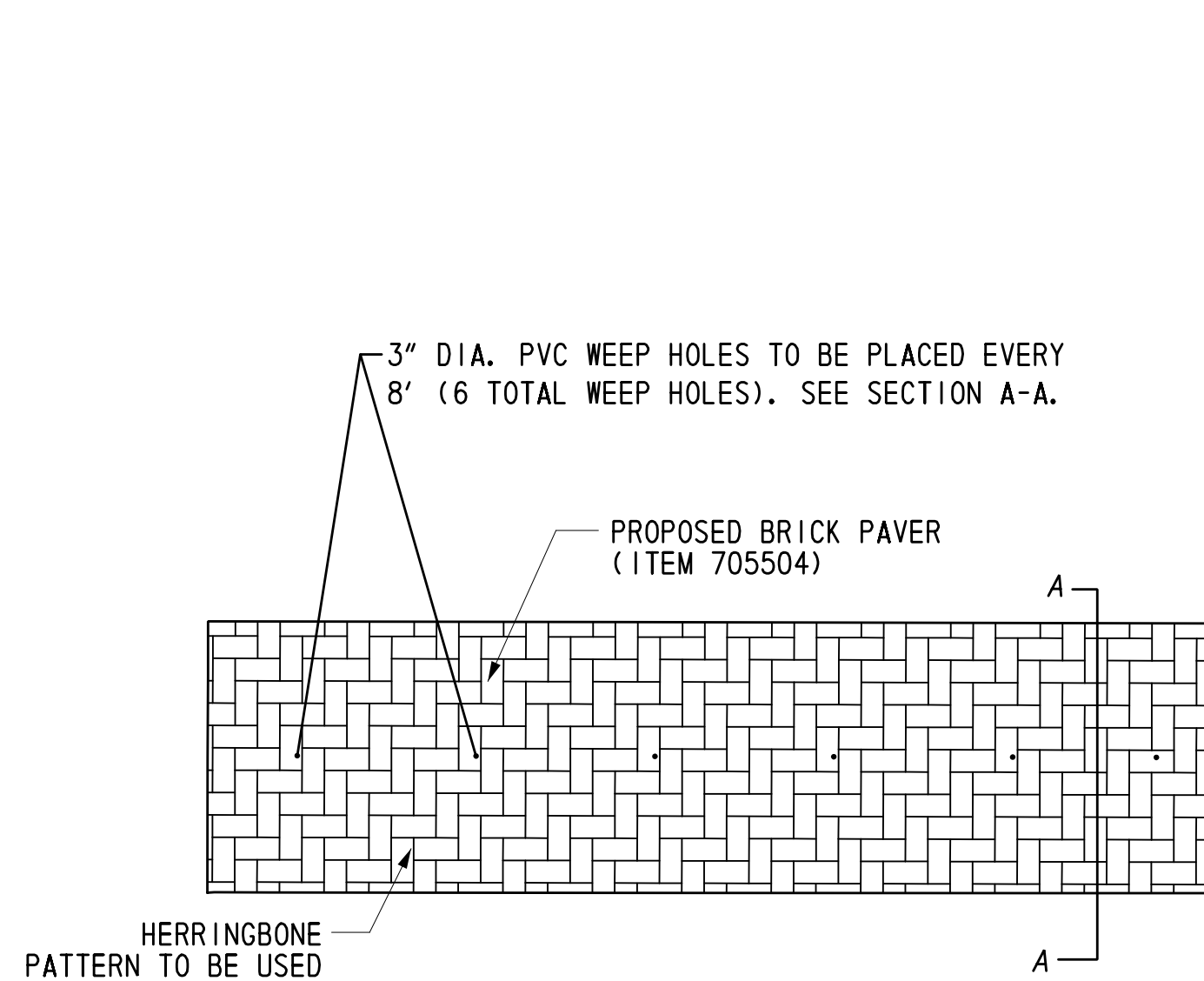
CURB REVEAL (IN)	CONCRETE, CLASS C DEPTH (MIN) (IN)
1	18
3	16
4	15
6	13

STONE CURB PAVEMENT PATCH DETAIL - ITEM 701502
NOT TO SCALE

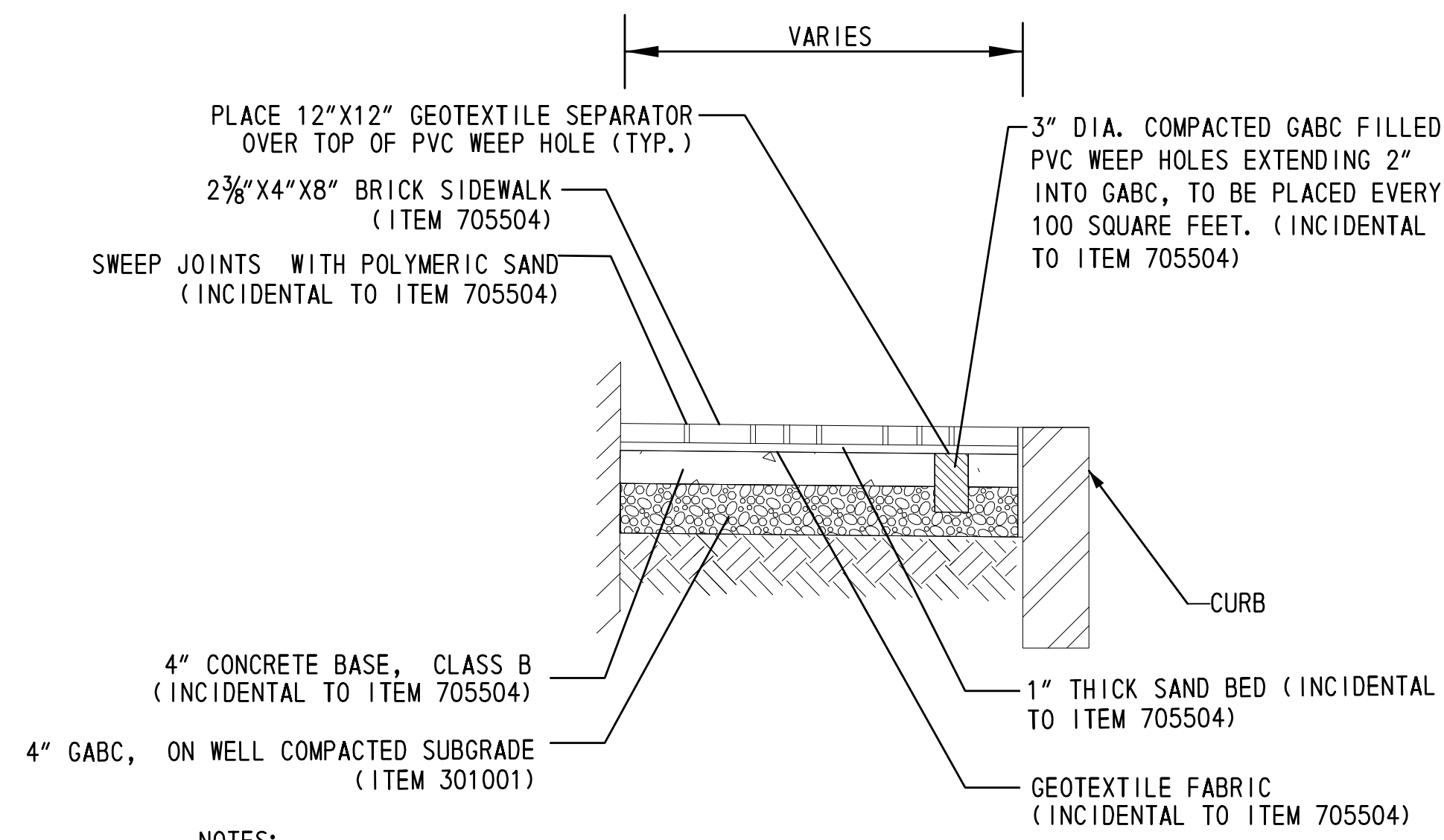


NOTES:
* MATCH EXISTING PAVEMENT DEPTH

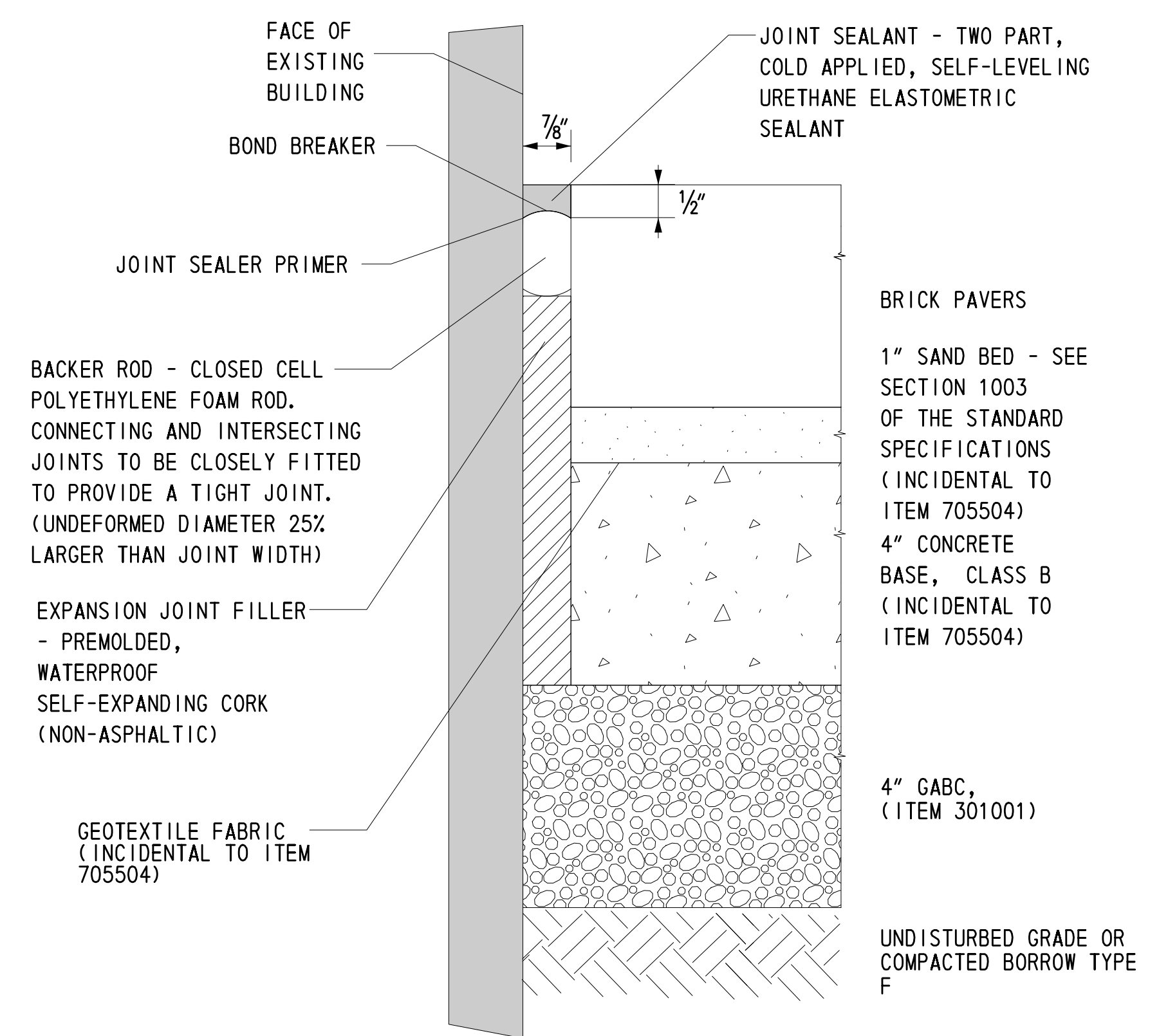
P.C.C. CURB PAVEMENT PATCH DETAIL
NOT TO SCALE



SAMPLE BRICK PATTERN
NOT TO SCALE



SECTION A-A
BRICK SIDEWALK DETAIL
NOT TO SCALE



EXPANSION JOINT DETAIL
INCIDENTAL TO ITEM 705504 - BRICK SIDEWALK

ADDENDA / REVISIONS

NOT TO SCALE

**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	F. ATIQUE
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

CONSTRUCTION DETAILS

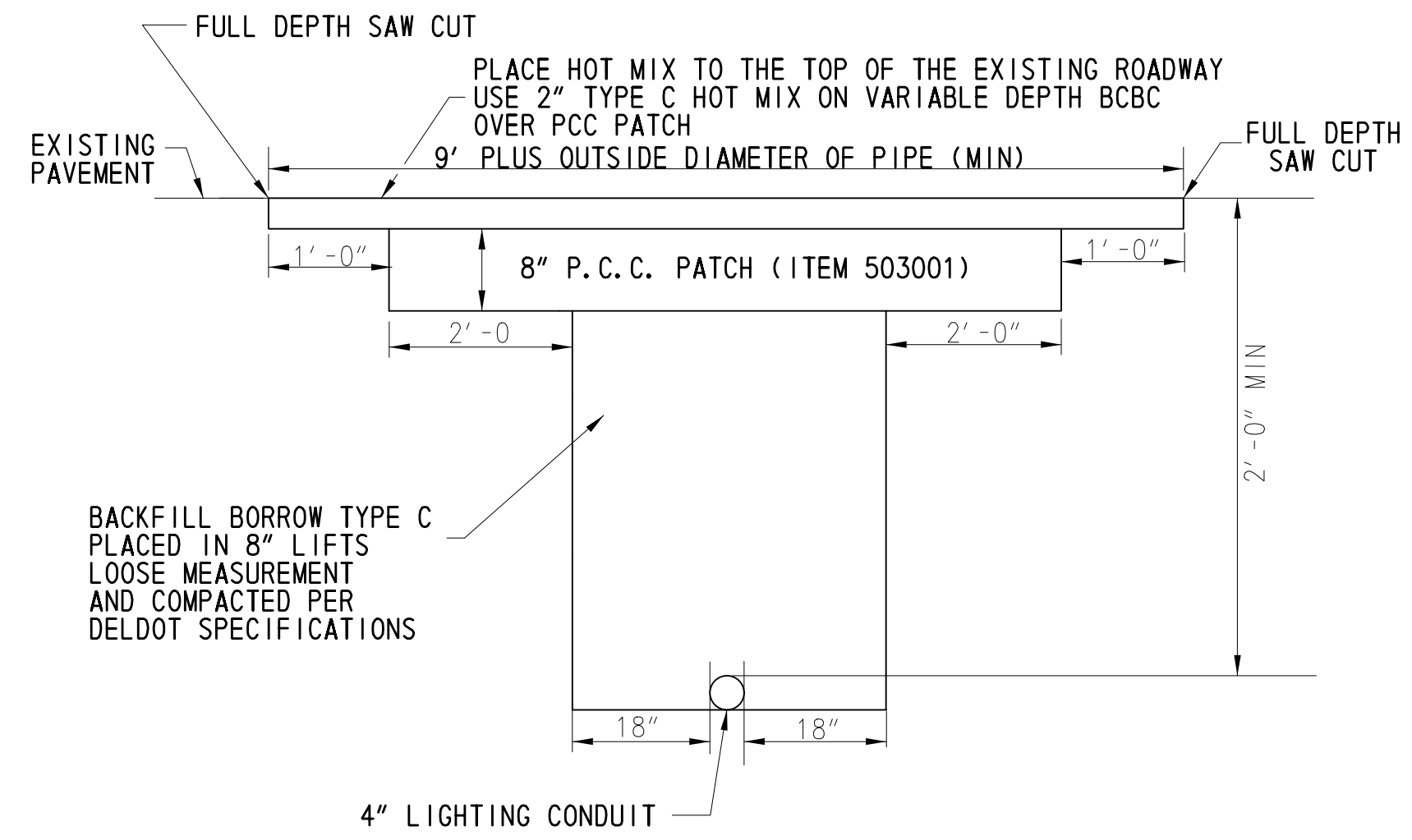
DT-01

SECTION

McT

SHEET NO.

11



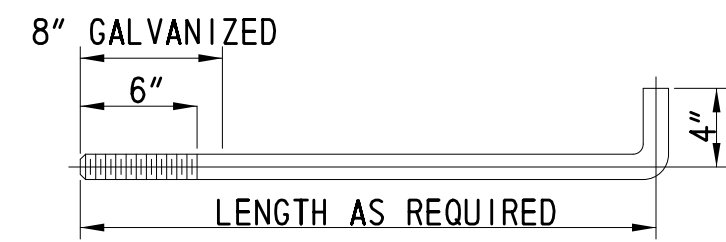
PERMANENT CROSS-ROAD PATCH DETAIL
NOT TO SCALE

NOTES:

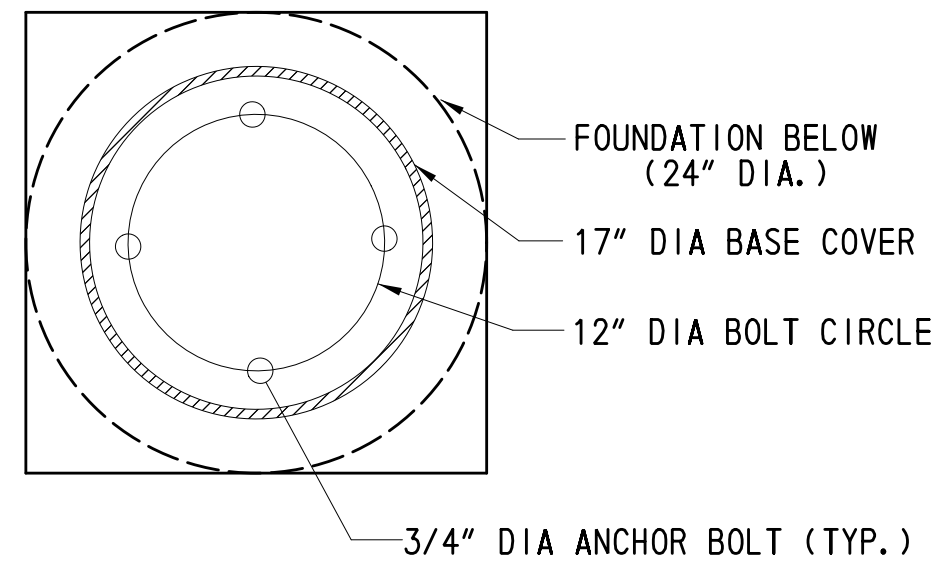
- 1). PATCH WIDTHS ARE MEASURED ALONG THE ROADWAY CENTERLINE AND SHALL BE THE FULL WIDTH OF THE LANE OR LANES DISTURBED.
- 2). THIS IS A MINIMUM PATCH. IF THE EXISTING ROADWAY HAS A HEAVIER CROSS SECTION THAN SHOWN HERE, IT WILL BE REPLACED WITH THAT CROSS SECTION, OR AS DIRECTED BY THE ENGINEER.

8/11/2024 9:29:58 AM ...\\Roadway\DT02_Southbridge.dgn

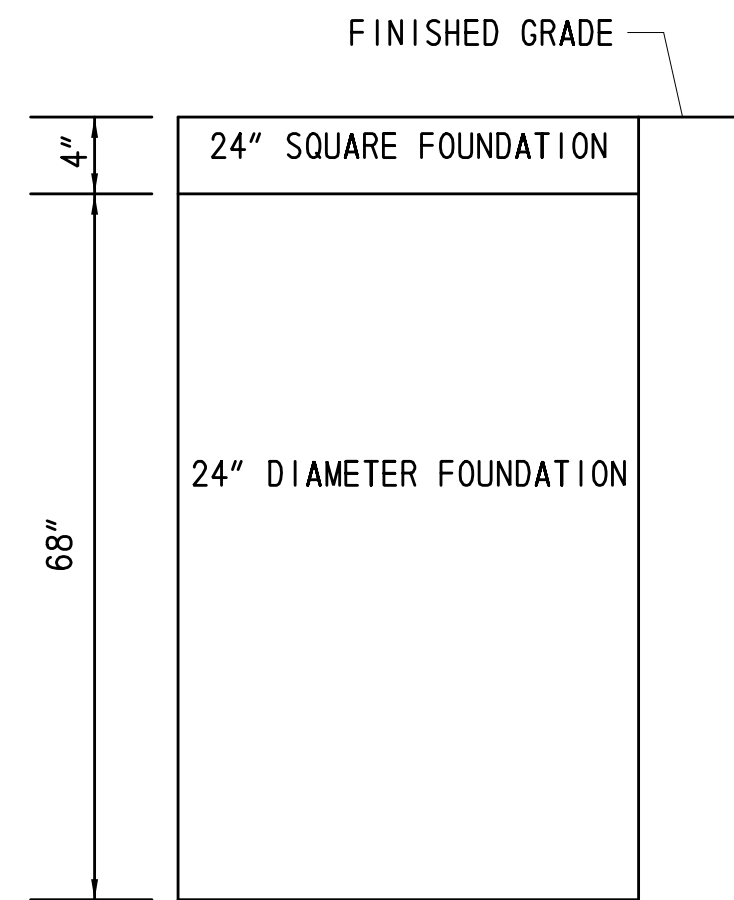
ADDENDA / REVISIONS		NOT TO SCALE	SOUTHBRIDGE STREETSCAPE IMPROVEMENTS, PHASE II	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">CONTRACT</td> <td style="font-size: small;">BRIDGE NO.</td> <td style="text-align: center;">NA</td> </tr> <tr> <td style="font-size: small;">T201620011</td> <td colspan="2" style="font-size: small;">DESIGNED BY: F. ATIQUE</td> </tr> <tr> <td style="font-size: small;">COUNTY</td> <td colspan="2" style="font-size: small;">CHECKED BY: K. MURPHY</td> </tr> <tr> <td style="font-size: small;">NEW CASTLE</td> <td colspan="2"></td> </tr> </table>	CONTRACT	BRIDGE NO.	NA	T201620011	DESIGNED BY: F. ATIQUE		COUNTY	CHECKED BY: K. MURPHY		NEW CASTLE			CONSTRUCTION DETAILS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">DT-02</td> </tr> <tr> <td style="font-size: x-small;">SECTION</td> </tr> <tr> <td style="text-align: center;">McT</td> </tr> <tr> <td style="font-size: x-small;">SHEET NO.</td> </tr> <tr> <td style="text-align: center;">12</td> </tr> </table>	DT-02	SECTION	McT	SHEET NO.	12
CONTRACT	BRIDGE NO.	NA																					
T201620011	DESIGNED BY: F. ATIQUE																						
COUNTY	CHECKED BY: K. MURPHY																						
NEW CASTLE																							
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McT																							
SHEET NO.																							
12																							



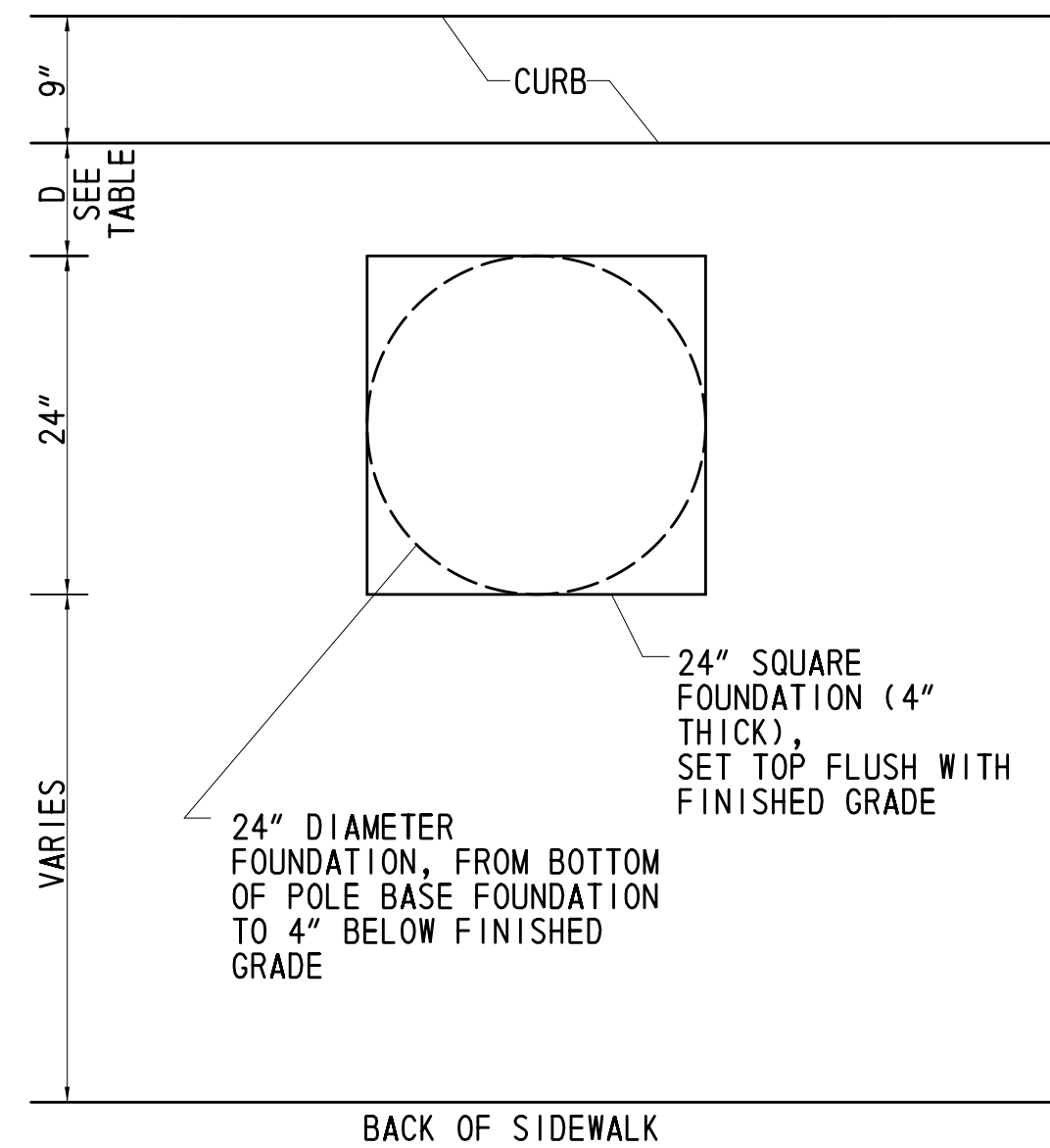
ANCHOR BOLT DETAIL
NOT TO SCALE



LIGHTING POLE BASE
BOLT PATTERN



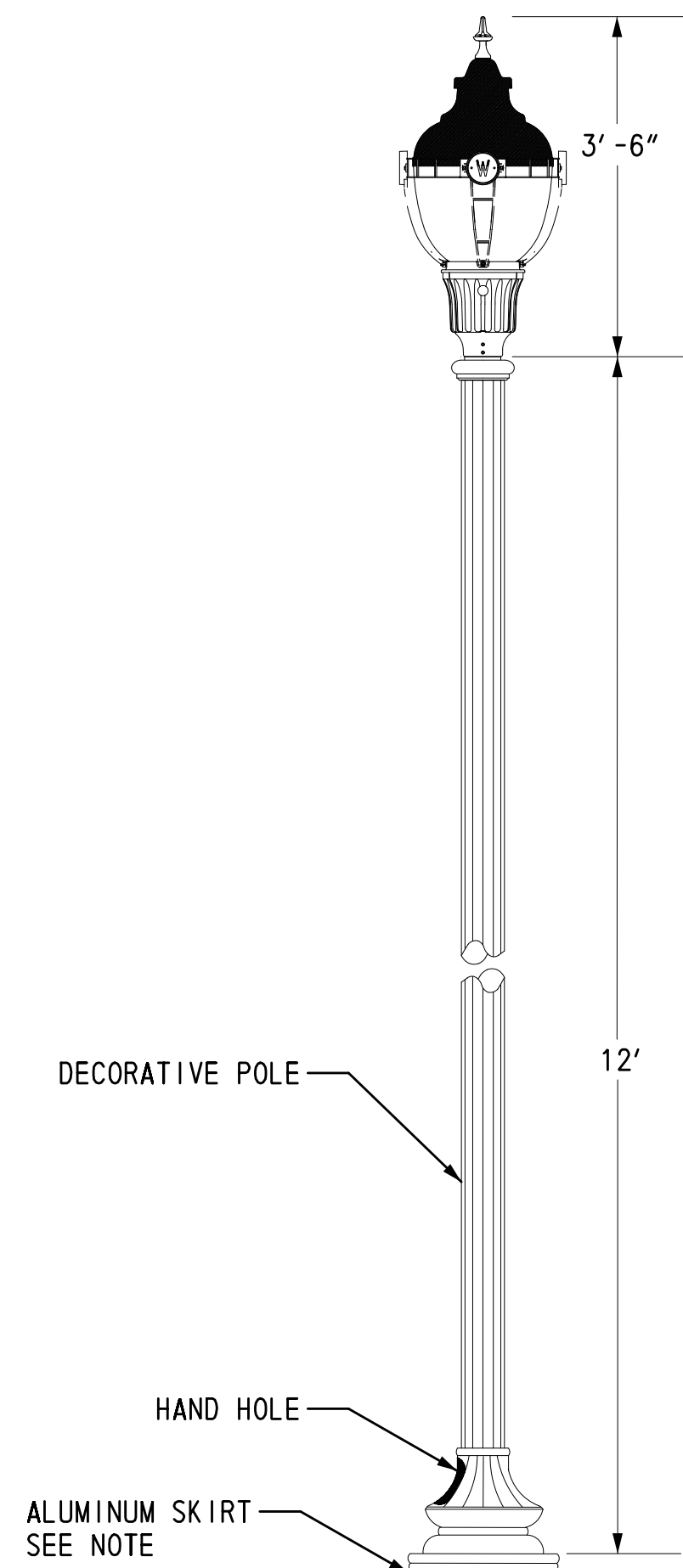
ELEVATION VIEW



PLAN VIEW

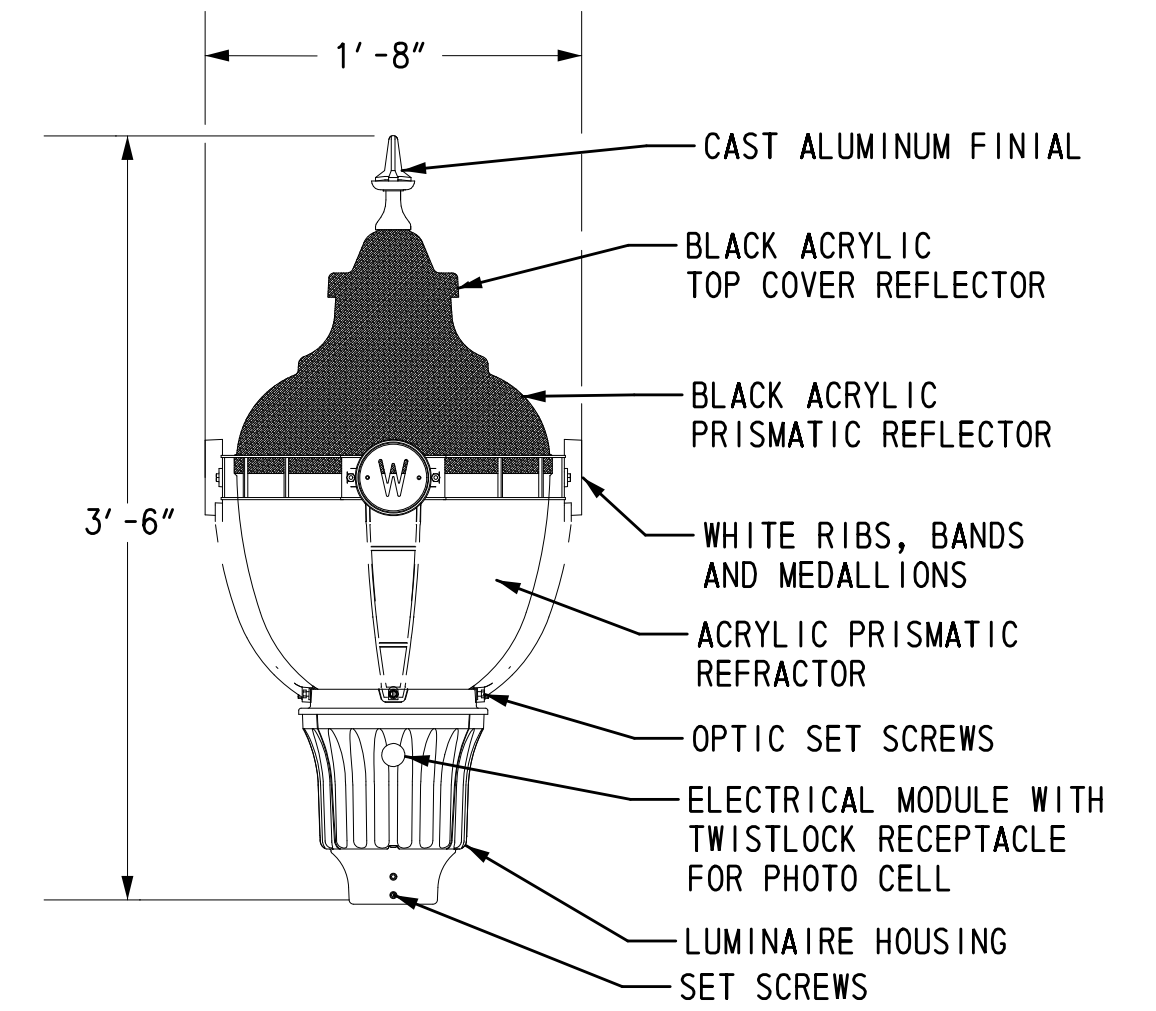
LIGHTING STANDARD NO.	D (IN)
LST-7	0"
LST-8	7"
LST-10	7"
LST-11	8"
LST-12	8"
LST-13	4"
LST-14	18"
LST-17	6"

LIGHT POLE FOUNDATION
ITEM 834006
NOT TO SCALE



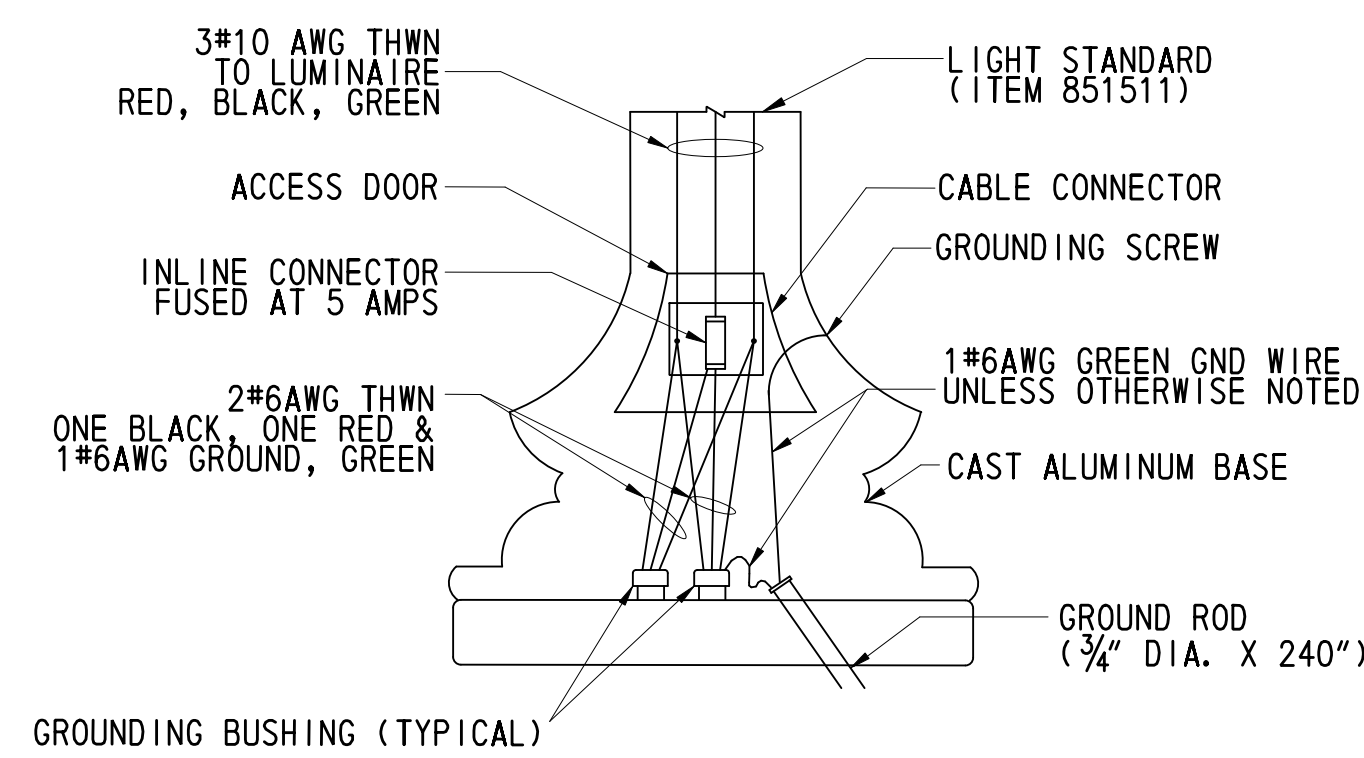
LIGHTING STANDARD

DECORATIVE LIGHT STANDARD AND FIXTURE, LED, SINGLE
ITEM 851511
NOT TO SCALE



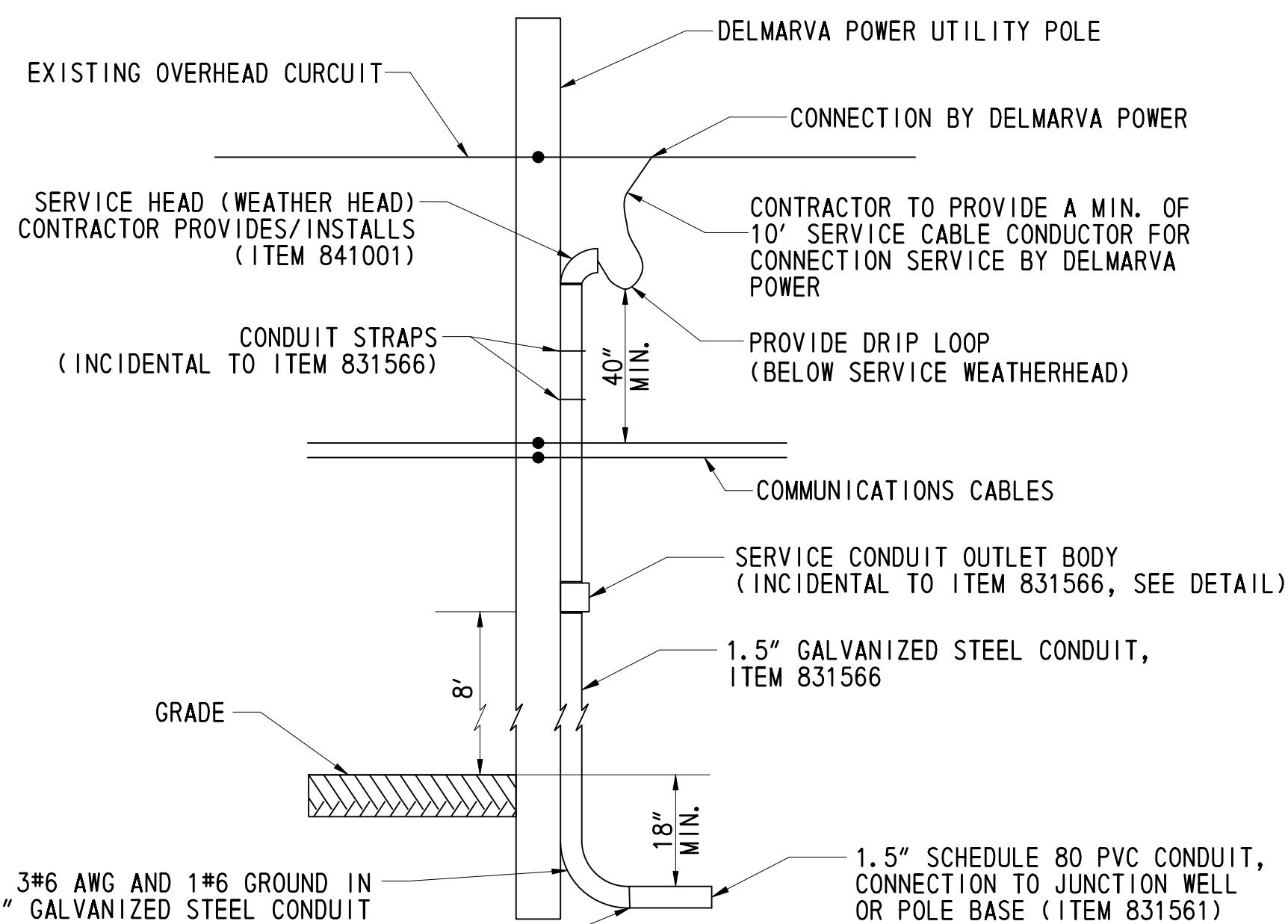
LUMINAIRE DETAILS

NOTE:
AN ALUMINUM SKIRT, OF THE SAME COLOR AS THE POLE, SHALL BE INSTALLED TO COVER THE GAP BETWEEN THE BOTTOM OF THE LIGHT POLE BASE AND THE TOP OF THE LIGHT POLE FOUNDATION CREATED BY THE BREAKAWAY COUPLINGS.

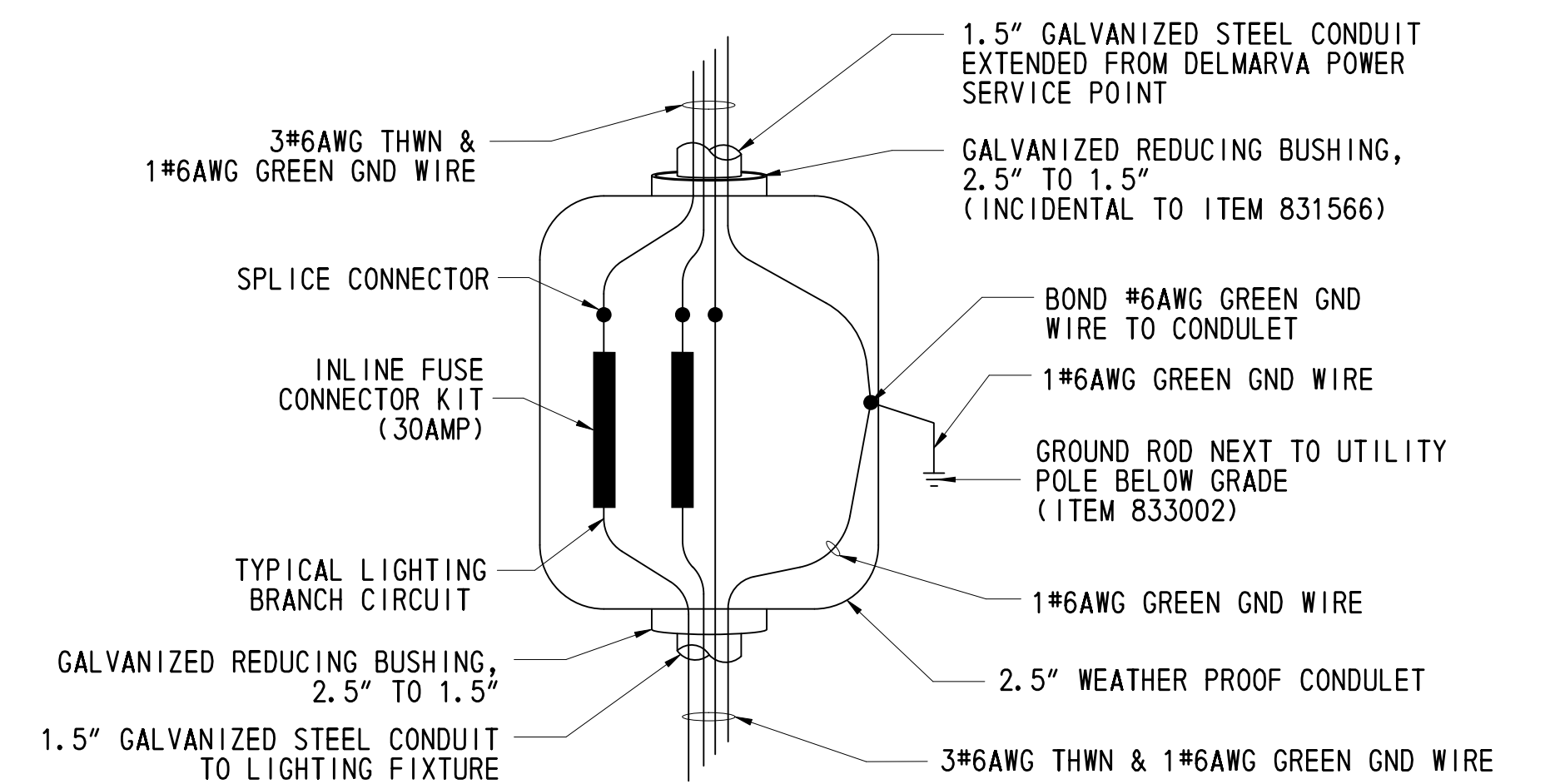


NOTE:
ALL LIGHTING STANDARD SHALL BE INSTALLED ON DELDOT STANDARD POLE BASE, TYPE 6.

TYPICAL LUMINAIRE CONNECTION
NOT TO SCALE



POLE SERVICE DETAIL
NOT TO SCALE



NOTE:
GENERIC WIRING DIAGRAM SHOWN. THE CONTRACTOR SHALL COORDINATE WITH DELMARVA POWER TO DETERMINE THE NUMBER AND VOLTAGE OF OVERHEAD LIGHTING CIRCUITS AVAILABLE TO PROVIDE POWER FOR DECORATIVE LIGHT POLES. THE CONTRACTOR SHALL INSTALL FOUR CONDUCTORS TO PROVIDE TWO HOTS, ONE NEUTRAL, AND ONE GROUND TO THE LIGHTING JUNCTION WELL CLOSEST TO THE UTILITY POLE. IF ONLY ONE CIRCUIT IS AVAILABLE OR REQUIRED, THE SPARE CONDUCTOR SHALL BE COILED, SECURED AND LEFT FOR FUTURE USE. IF THERE IS ONLY ONE DECORATIVE LIGHT POLE ON THE CIRCUIT, THE CONTRACTOR SHALL RUN THE FOUR CONDUCTORS INTO THE POLE BASE.

SERVICE CONDUIT OUTLET BODY
NOT TO SCALE

ADDENDA / REVISIONS

NOT TO SCALE

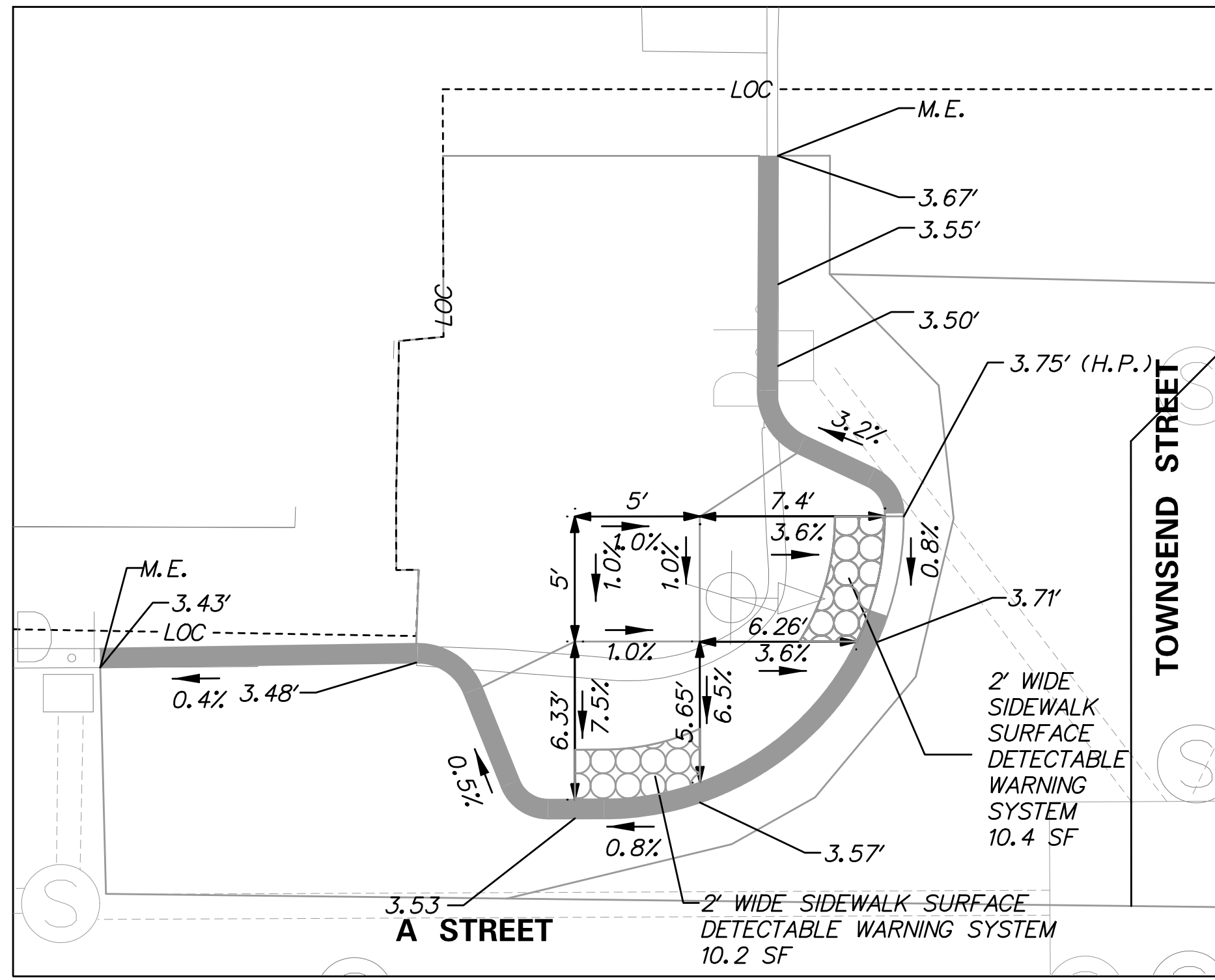
SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY: F. ATIQUE	
COUNTY	CHECKED BY: K. MURPHY	
NEW CASTLE		

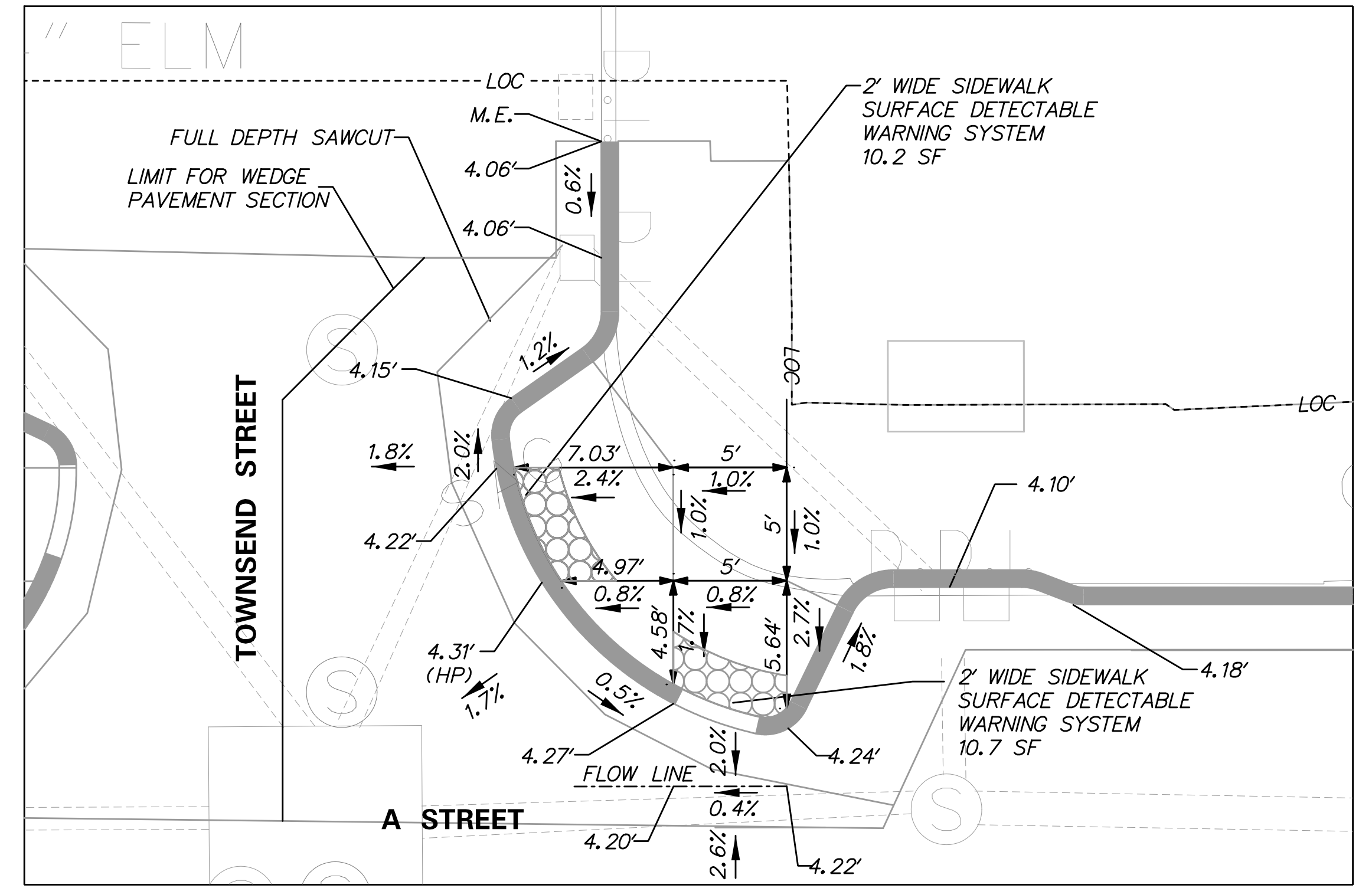
CONSTRUCTION DETAILS

DT-03

SECTION
McT
SHEET NO.
13

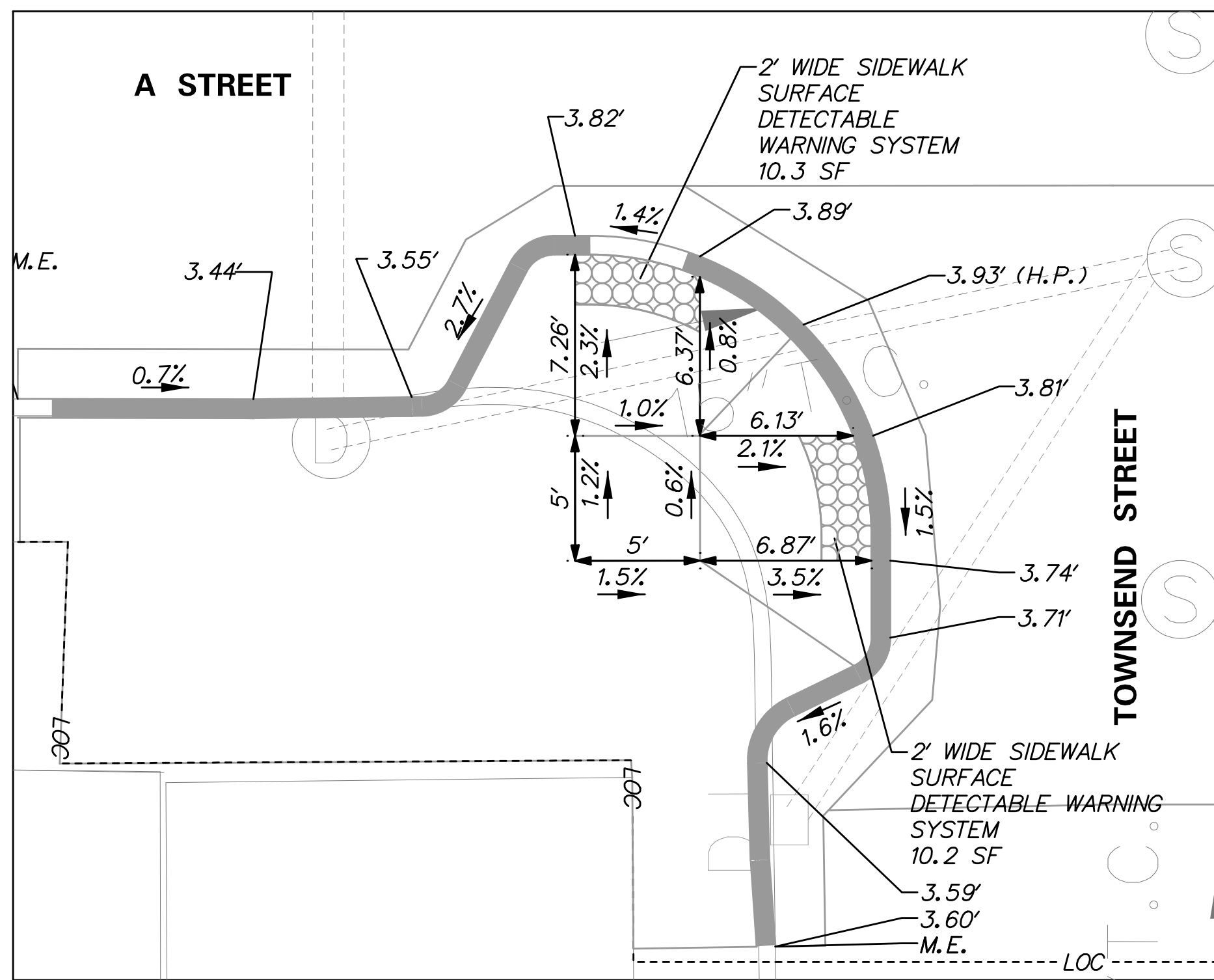


DT 01 CURB RAMP CONSTRUCTION DETAIL
STA. 498+50.00 LT

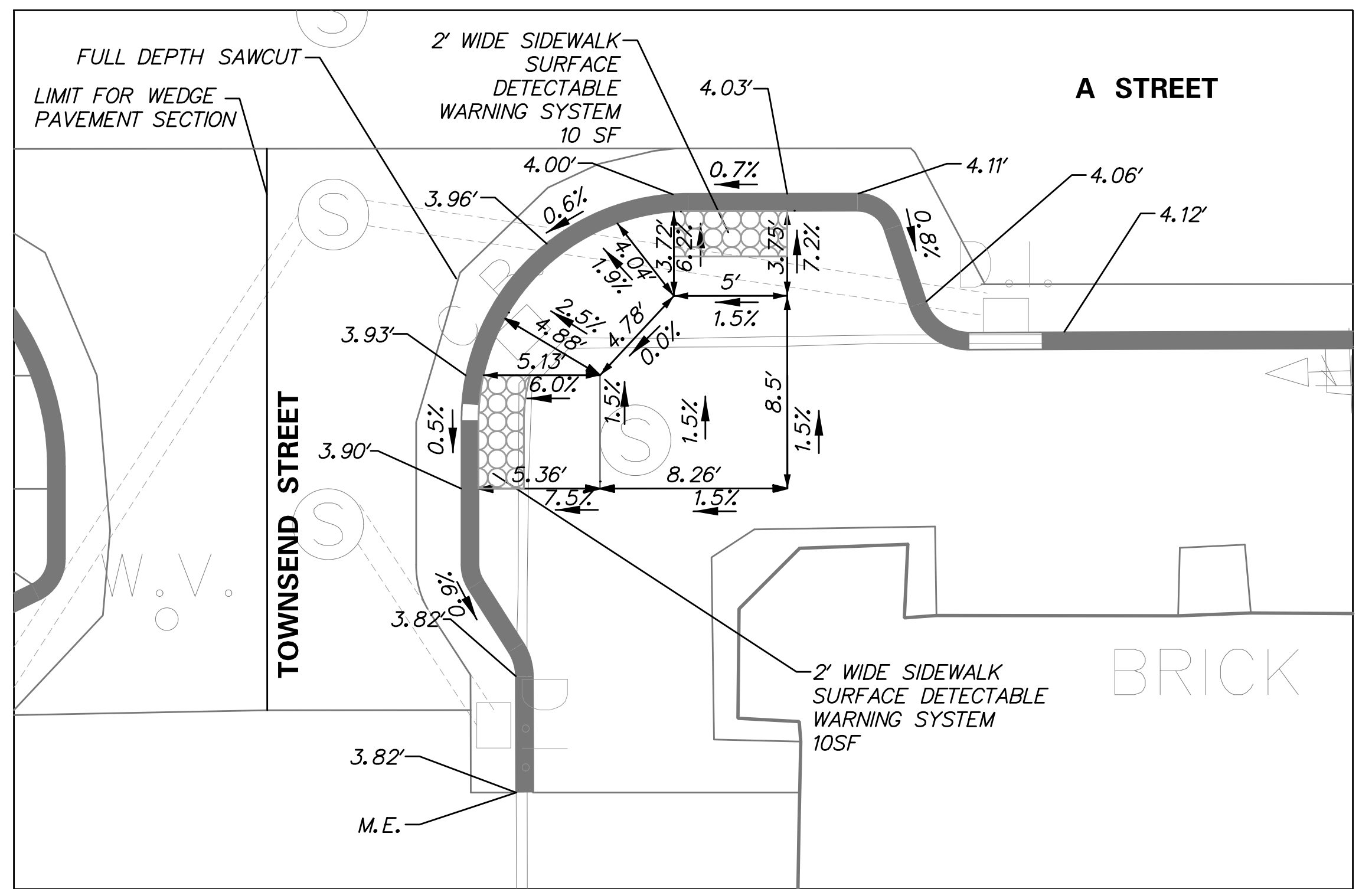


DT 02 CURB RAMP CONSTRUCTION DETAIL
STA. 498+75.00 LT

- NOTES:
1. LANDING AREAS SHALL NOT EXCEED A 2% CROSS SLOPE AND A 2% RUNNING SLOPE.
 2. DETECTABLE WARNING SURFACES SHALL BE PLANAR AND FLUSH WITH ADJACENT SURFACES.
 3. REFER TO GRADES AND GEOMETRIC PLANS FOR ADDITIONAL GRADES.
 4. ELEVATIONS SHOWN ARE FOR THE LIMITS OF DEPRESSED CURB AND GUTTER.
 5. THE CONTRACTOR SHALL TIE-IN BACK TO THE EXISTING SURFACE AT THE LOCATIONS THAT ARE SHOWN AS "MATCH EXISTING" OR "M.E."



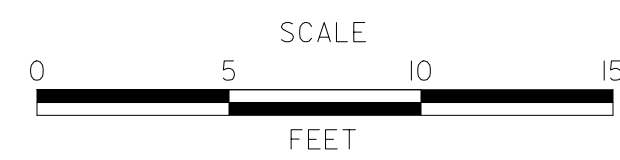
DT 03 CURB RAMP CONSTRUCTION DETAIL
STA. 498+50.00 RT



DT 04 CURB RAMP CONSTRUCTION DETAIL
STA. 498+75.00 RT

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ADDENDA / REVISIONS



**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	F. ATIQUE
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

CONSTRUCTION DETAILS

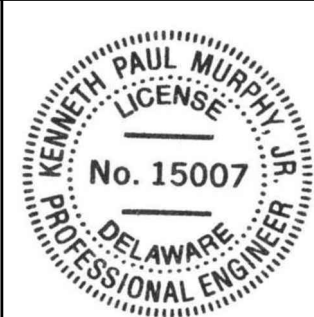
DT-04

SECTION
McT
SHEET NO.
14

Handwritten Signature

9/17/2024

DATE

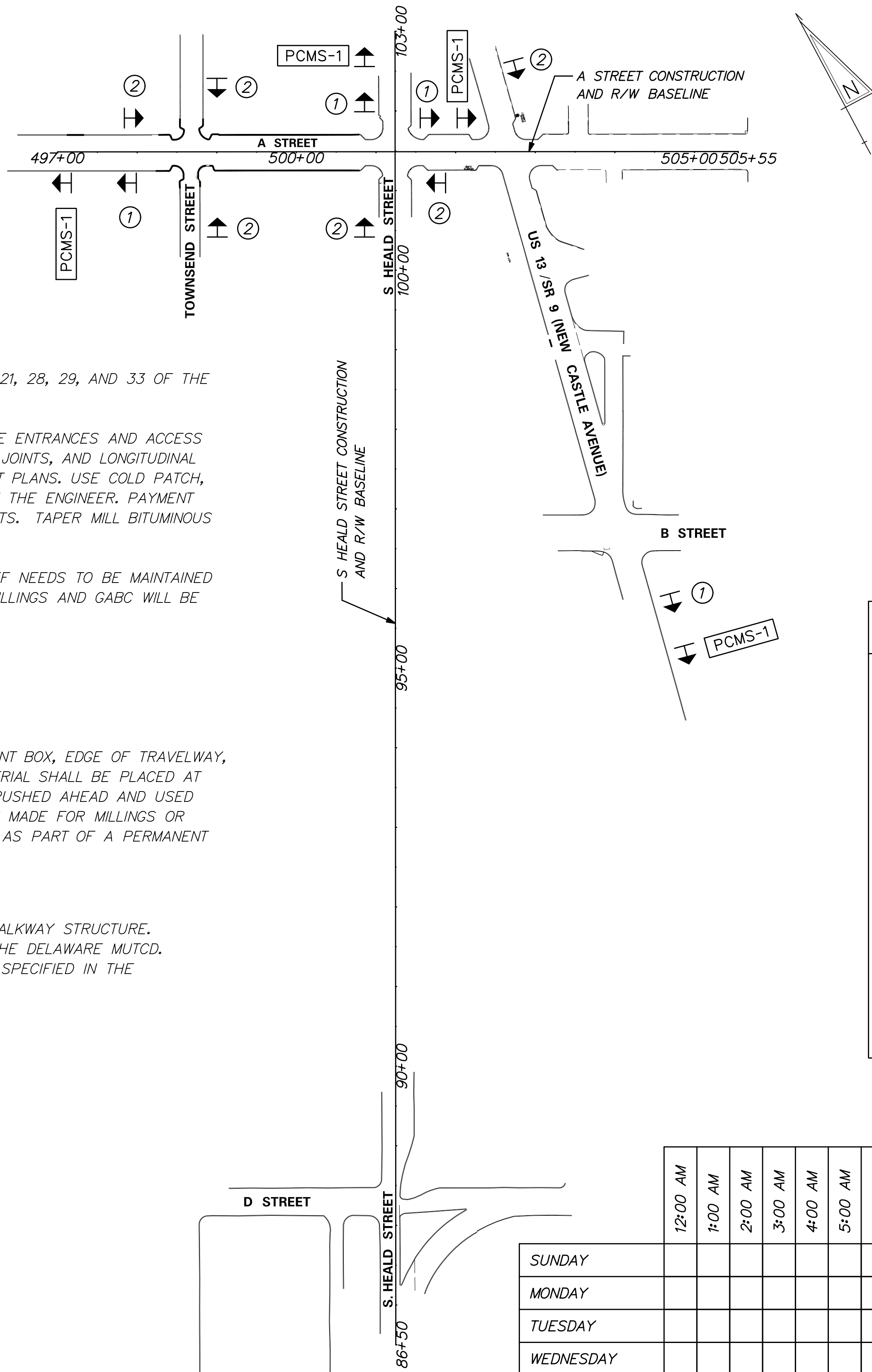


SEAL

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

"I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN OF THESE PLANS MEETS THE REQUIREMENTS OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS."

ADVANCE WARNING SIGN LAYOUT



GENERAL MOT NOTES:

- MAINTENANCE OF TRAFFIC DURING LANE CLOSURES AND LANE SHIFTS SHALL CONFORM TO TYPICAL APPLICATIONS 10, 11B, 17B, MODIFIED 21, 28, 29, AND 33 OF THE DELAWARE MUTCD.
- 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:
 - DRIVEWAYS
 - ENTRANCES
 - LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
 - EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY (LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
 - EDGE OF ROADWAY DROP-OFF

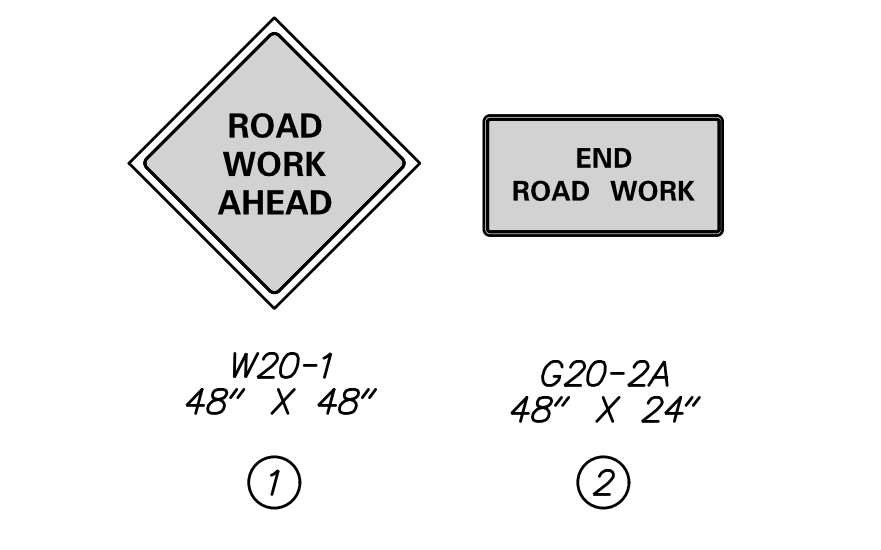
GRADING AND MAINTAINING BASE COURSE THAT IS BEING USED FOR ROADWAY WEDGE/FILLET BETWEEN TRAVEL LANES AND PAVEMENT BOX, EDGE OF TRAVELWAY, DRIVEWAY OR ENTRANCE ACCESS SHALL BE INCIDENTAL TO ITEM NO. 801000 - MAINTENANCE OF TRAFFIC. THE BASE COURSE MATERIAL SHALL BE PLACED AT NO GREATER THAN THE SLOPE 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.

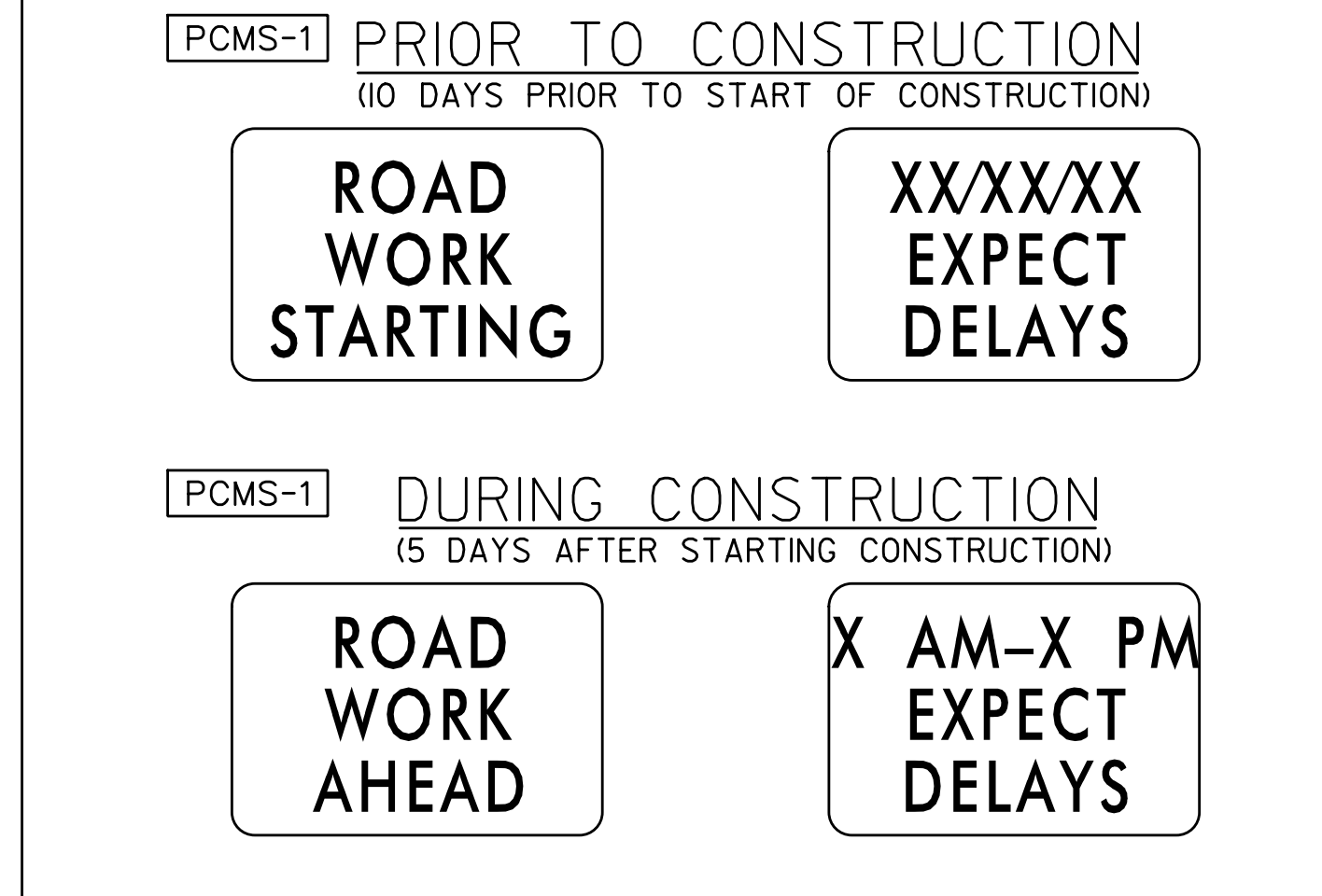
- ACCEPTABLE MATERIALS FOR TEMPORARY PEDESTRIAN PATHS SHALL INCLUDE CONCRETE, HOT-MIX, COMPACTED MILLINGS OR PLYWOOD WALKWAY STRUCTURE. PLYWOOD WALKWAY STRUCTURES SHALL ALSO INCLUDE DETECTABLE EDGING AND RAILINGS IN ACCORDANCE WITH ADA GUIDELINES AND THE DELAWARE MUTCD. TEMPORARY PEDESTRIAN PATHS SHALL BE INCIDENTAL TO ITEM 801500 - MAINTENANCE OF TRAFFIC, ALL INCLUSIVE UNLESS OTHERWISE SPECIFIED IN THE PLANS. STONE OR GRADED AGGREGATE BASE COURSE SHALL NOT BE USED FOR TEMPORARY PEDESTRIAN PATHS.
- OBTAIN "NO PARKING" PLAQUES FROM THE CITY OF WILMINGTON AND INSTALL IN LOCATIONS WHERE EXISTING PARKING LANE IS CLOSED.
- CONTRACTOR TO MAINTAIN ACCESS TO RESIDENCES AT ALL TIMES AND COORDINATE CONSTRUCTION WITH HOMEOWNERS.
- AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED TRAFFIC CONTROL SUPERVISOR REQUIREMENT FOR THIS PROJECT.

(X)	THE CONTRACTOR SHALL NOT BE REQUIRED TO HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT.
()	THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE CONTRACTOR'S GENERAL SUPERINTENDENT FOR THIS PROJECT OR ANOTHER ATSSA CERTIFIED MEMBER OF THE CONTRACTOR'S PROJECT STAFF MAY BE THE ATSSA SUPERVISOR. PAYMENT FOR ATSSA SUPERVISOR IS INCIDENTAL TO ITEM 801000.

WARNING SIGN LEGEND



PORTABLE CHANGEABLE MESSAGE SIGNS



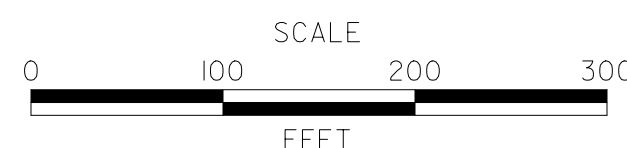
ALLOWABLE LANE CLOSURE HOURS: A STREET

	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																								

LANE CLOSED LANE OPEN

9/17/2024 9:50:49 AM ...\\Roadway\CS01_Southbridge.dgn

ADDENDA / REVISIONS



**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

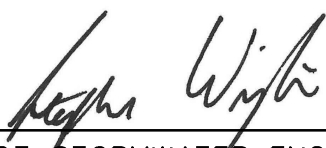
CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	Z. NERWINSKI
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

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

CS-01
SECTION
McT
SHEET NO.
15

GENERAL EROSION AND SEDIMENT CONTROL (E&S) NOTES

1. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. PLAN APPROVAL IS VALID FOR A FIVE YEAR PERIOD BEGINNING ON THE DATE OF THE STORMWATER ENGINEER'S SIGNATURE. IF THE FINAL ACCEPTANCE OF THE PROJECT IS ANTICIPATED TO EXTEND BEYOND THE FIVE YEARS, NOTIFY THE ENGINEER THREE MONTHS PRIOR TO THE EXPIRATION. ANY DEVIATIONS TO THE SWPPP NEED APPROVAL FROM THE ENGINEER.


 _____ 9/17/24
 DELDOT STORMWATER ENGINEER DATE
 "I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THESE PLANS MEET THE REQUIREMENTS OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS." per Standard Plan application

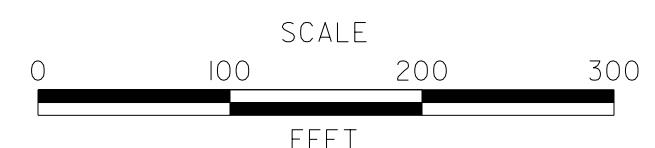
AMOUNT OF DISTURBED AREA FOR THE PROJECT	0.5 AC
ADDED IMPERVIOUS FOR THE PROJECT	19 SF
HUC-10 WATERSHED	CHRISTINA RIVER

2. 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.
3. FILE AS A CO-PERMITTEE IN ACCORDANCE WITH SECTION 901 OF THE STANDARD SPECIFICATIONS. POSTING AND MAINTENANCE OF THE NOIPERMIT COVERAGE IS INCIDENTAL TO THE CONTRACT.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. ALL TEMPORARY CONCENTRATED FLOW AREAS INCLUDING CHANNEL SIDE SLOPES SHALL HAVE EROSION CONTROL BLANKET MULCH AS DIRECTED BY THE ENGINEER. INSTALL WITHIN SEVEN CALENDAR DAYS UPON CONSTRUCTION INITIATION. A TEMPORARY CONCENTRATED FLOW AREA MAY INCLUDE DITCHES, SWALES, BERMS, CONCENTRATED RUNOFF AREAS, ETC.
10. FOR ANY PERMANENT STORMWATER MANAGEMENT FACILITY, FOLLOW THAT FACILITY'S SEQUENCE OF CONSTRUCTION AS NOTED ON THE STORMWATER MANAGEMENT SHEETS.
11. NO MORE THAN 20 ACRES MAY BE DISTURBED AT ANY TIME. DISTURBANCE OF A SECOND 20 ACRE SECTION MAY NOT PROCEED UNTIL TEMPORARY OR PERMANENT STABILIZATION OF THE FIRST 20 ACRE SECTION IS ACCOMPLISHED AS APPROVED BY THE ENGINEER.
12. MAINTAIN POSITIVE DRAINAGE IN EXISTING AND PROPOSED DRAINAGE SYSTEMS BY EXECUTING CONSTRUCTION, CLEANING EXISTING DRAINAGE SYSTEMS, AND PROPERLY DISPOSING OF SEDIMENT THROUGHOUT THE DURATION OF THE PROJECT.

GENERAL E&S SEQUENCE NOTES (FOR ALL PHASES)

1. POST NOIPERMIT 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.
2. 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.
3. ESTABLISH CONSTRUCTION STAGING AREAS AND INSTALL E&S CONTROLS.
4. ONCE PERIMETER E&S CONTROLS ARE INSTALLED, THEY SHALL BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE ANY OTHER LAND DISTURBING ACTIVITIES CAN BEGIN.
5. INTERIOR EROSION AND SEDIMENT CONTROL ITEMS SHALL BE PLACED AS PER PLAN.
6. NOTIFY THE ENGINEER 48 HOURS BEFORE CONSTRUCTION OF ALL STORMWATER MANAGEMENT FACILITY COMPONENTS IN ACCORDANCE WITH THE STORMWATER MANAGEMENT SHEET FACILITY CONSTRUCTION SEQUENCE.
7. 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.
8. 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.
9. DO NOT REMOVE E&S DEVICES UNLESS DIRECTED BY THE ENGINEER.

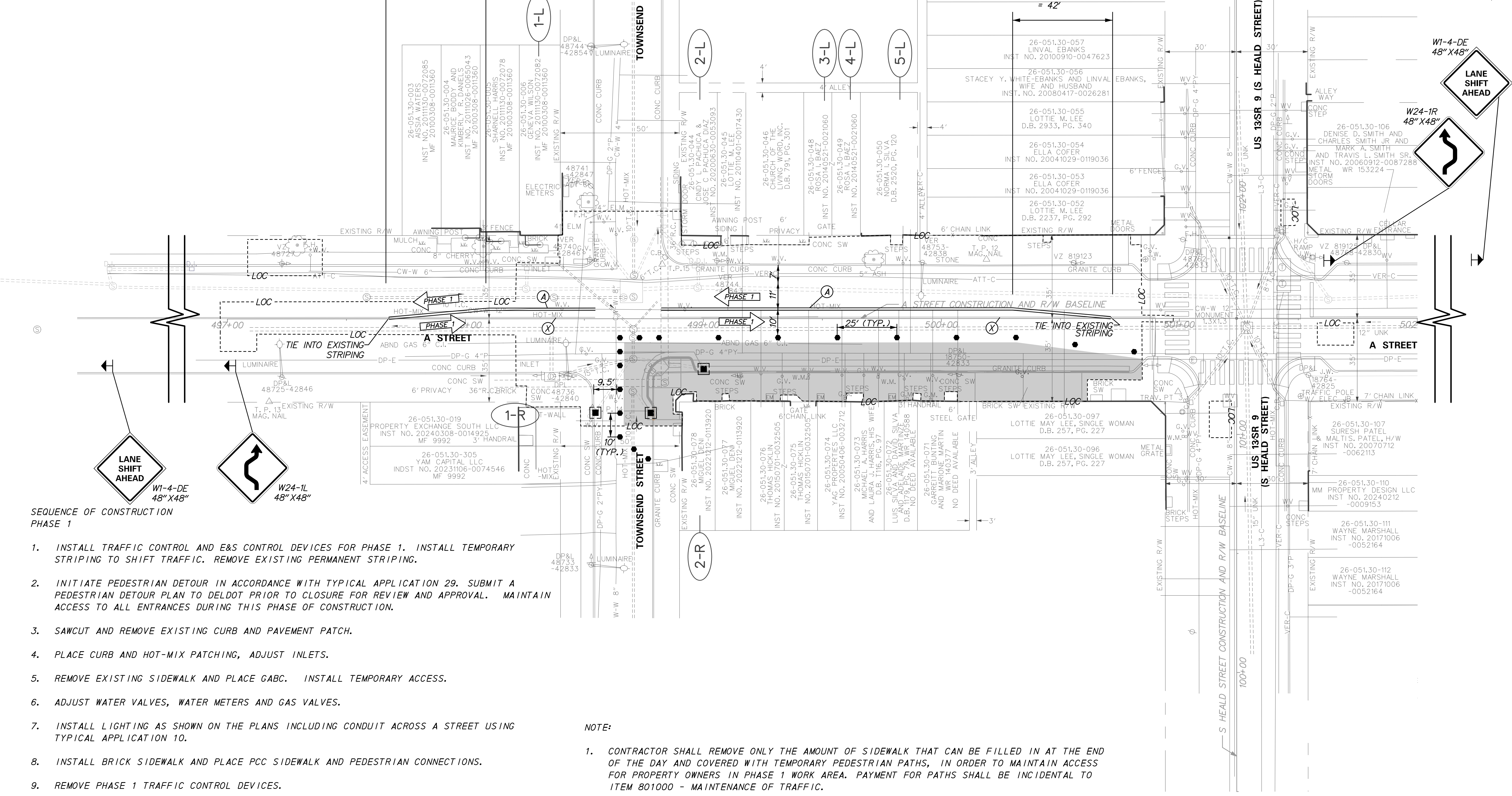
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ADDENDA / REVISIONS			<p>SOUTHBRIDGE STREETSCAPE IMPROVEMENTS, PHASE II</p>	CONTRACT	BRIDGE NO.	N/A	<p>CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN</p>	CS-02
				T201620011	DESIGNED BY: Z. NERWINSKI	SECTION		McT
			COUNTY	CHECKED BY: K. MURPHY	SHEET NO.	16		
			NEW CASTLE					

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID DOUBLE YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 817003)	275 LF
(X)	REMOVAL OF PAVEMENT STRIPING (ITEM 817031)	275 LF

TAPER LENGTH
 $L = 42'$
 $L = (WS^2)/60$
 $= ((4')*(25 \text{ MPH})^2)/60$
 $= 42'$

TAPER LENGTH
 $L = 42'$
 $L = (WS^2)/60$
 $= ((4')*(25 \text{ MPH})^2)/60$
 $= 42'$



SEQUENCE OF CONSTRUCTION PHASE 1

1. INSTALL TRAFFIC CONTROL AND E&S CONTROL DEVICES FOR PHASE 1. INSTALL TEMPORARY STRIPING TO SHIFT TRAFFIC. REMOVE EXISTING PERMANENT STRIPING.
2. INITIATE PEDESTRIAN DETOUR IN ACCORDANCE WITH TYPICAL APPLICATION 29. SUBMIT A PEDESTRIAN DETOUR PLAN TO DELDOT PRIOR TO CLOSURE FOR REVIEW AND APPROVAL. MAINTAIN ACCESS TO ALL ENTRANCES DURING THIS PHASE OF CONSTRUCTION.
3. SAWCUT AND REMOVE EXISTING CURB AND PAVEMENT PATCH.
4. PLACE CURB AND HOT-MIX PATCHING, ADJUST INLETS.
5. REMOVE EXISTING SIDEWALK AND PLACE GABC. INSTALL TEMPORARY ACCESS.
6. ADJUST WATER VALVES, WATER METERS AND GAS VALVES.
7. INSTALL LIGHTING AS SHOWN ON THE PLANS INCLUDING CONDUIT ACROSS A STREET USING TYPICAL APPLICATION 10.
8. INSTALL BRICK SIDEWALK AND PLACE PCC SIDEWALK AND PEDESTRIAN CONNECTIONS.
9. REMOVE PHASE 1 TRAFFIC CONTROL DEVICES.

NOTE:

1. CONTRACTOR SHALL REMOVE ONLY THE AMOUNT OF SIDEWALK THAT CAN BE FILLED IN AT THE END OF THE DAY AND COVERED WITH TEMPORARY PEDESTRIAN PATHS, IN ORDER TO MAINTAIN ACCESS FOR PROPERTY OWNERS IN PHASE 1 WORK AREA. PAYMENT FOR PATHS SHALL BE INCIDENTAL TO ITEM 801000 - MAINTENANCE OF TRAFFIC.
2. POST "NO PARKING" SIGNS ON SOUTH SIDE OF A STREET WITHIN LIMITS OF WORK ZONE

ADDENDA / REVISIONS



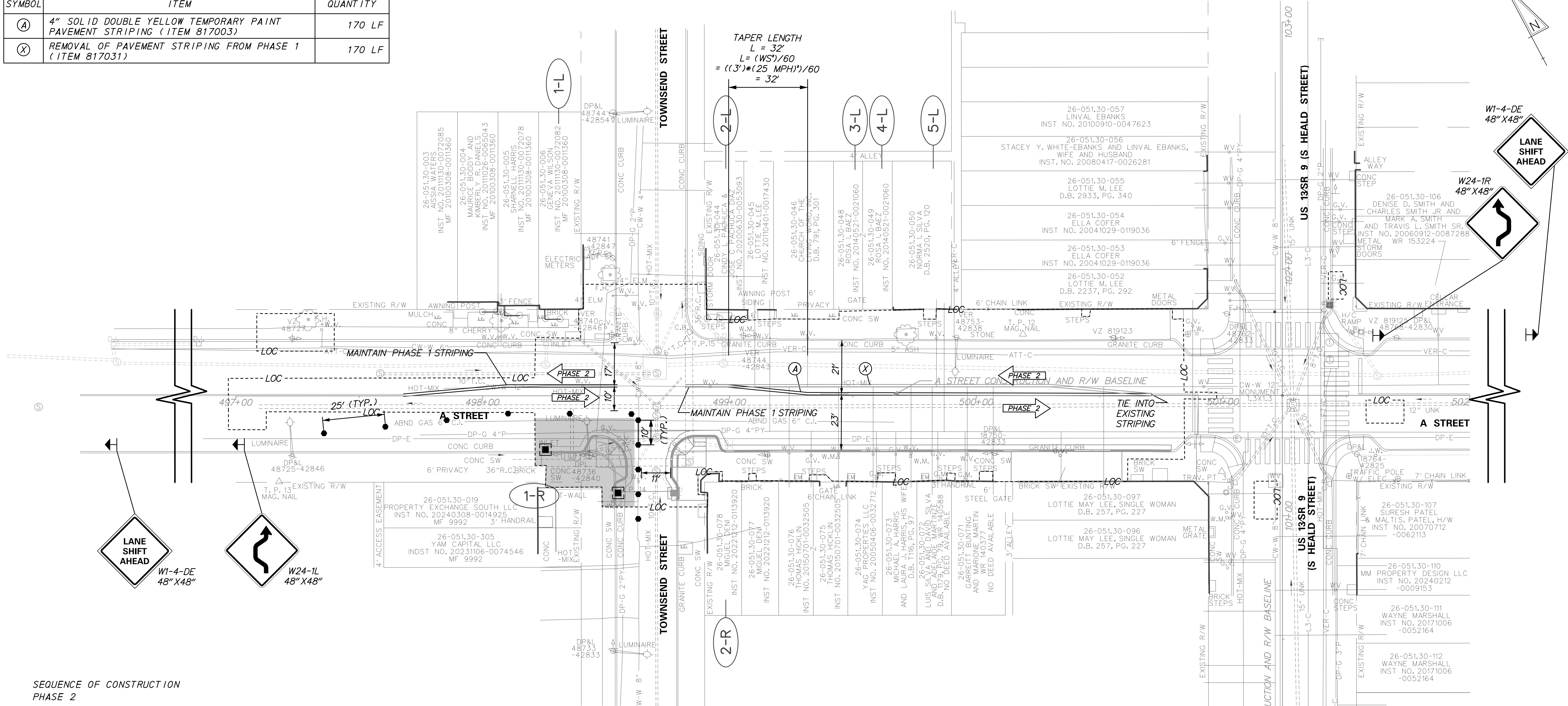
SOUTHBRIDGE STREETScape IMPROVEMENTS, PHASE II

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	Z. NERWINSKI
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

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

CS-03	SECTION
	McT
	SHEET NO.
	17

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID DOUBLE YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 817003)	170 LF
(X)	REMOVAL OF PAVEMENT STRIPING FROM PHASE 1 (ITEM 817031)	170 LF



SEQUENCE OF CONSTRUCTION
PHASE 2

1. REMOVE PORTION OF TEMPORARY STRIPING FROM PHASE 1. INSTALL NEW STRIPING FOR PHASE 2.
2. INSTALL TRAFFIC CONTROL AND E&S CONTROL DEVICES FOR PHASE.
3. INITIATE PEDESTRIAN DETOUR IN ACCORDANCE WITH TYPICAL APPLICATION 29. MAINTAIN ACCESS TO ALL ENTRANCES DURING THIS PHASE OF CONSTRUCTION.
4. SAWCUT AND REMOVE EXISTING CURB AND PAVEMENT PATCH.
5. PLACE CURB AND HOT-MIX PATCHING, ADJUST INLETS.
6. REMOVE EXISTING SIDEWALK AND PLACE GABC. INSTALL TEMPORARY ACCESS.
7. PLACE PCC SIDEWALK AND PEDESTRIAN CONNECTIONS.
8. REMOVE PHASE 2 TRAFFIC CONTROL DEVICES.

NOTE:

1. CONTRACTOR SHALL REMOVE ONLY THE AMOUNT OF SIDEWALK THAT CAN BE FILLED IN AT THE END OF THE DAY AND COVERED WITH TEMPORARY PEDESTRIAN PATHS, IN ORDER TO MAINTAIN ACCESS FOR PROPERTY OWNERS IN PHASE 2 WORK AREA. PAYMENT FOR PATHS SHALL BE INCIDENTAL TO ITEM 801000 - MAINTENANCE OF TRAFFIC.
2. POST "NO PARKING" SIGNS ON SOUTH SIDE OF A STREET WITHIN LIMITS OF WORK ZONE

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ADDENDA / REVISIONS



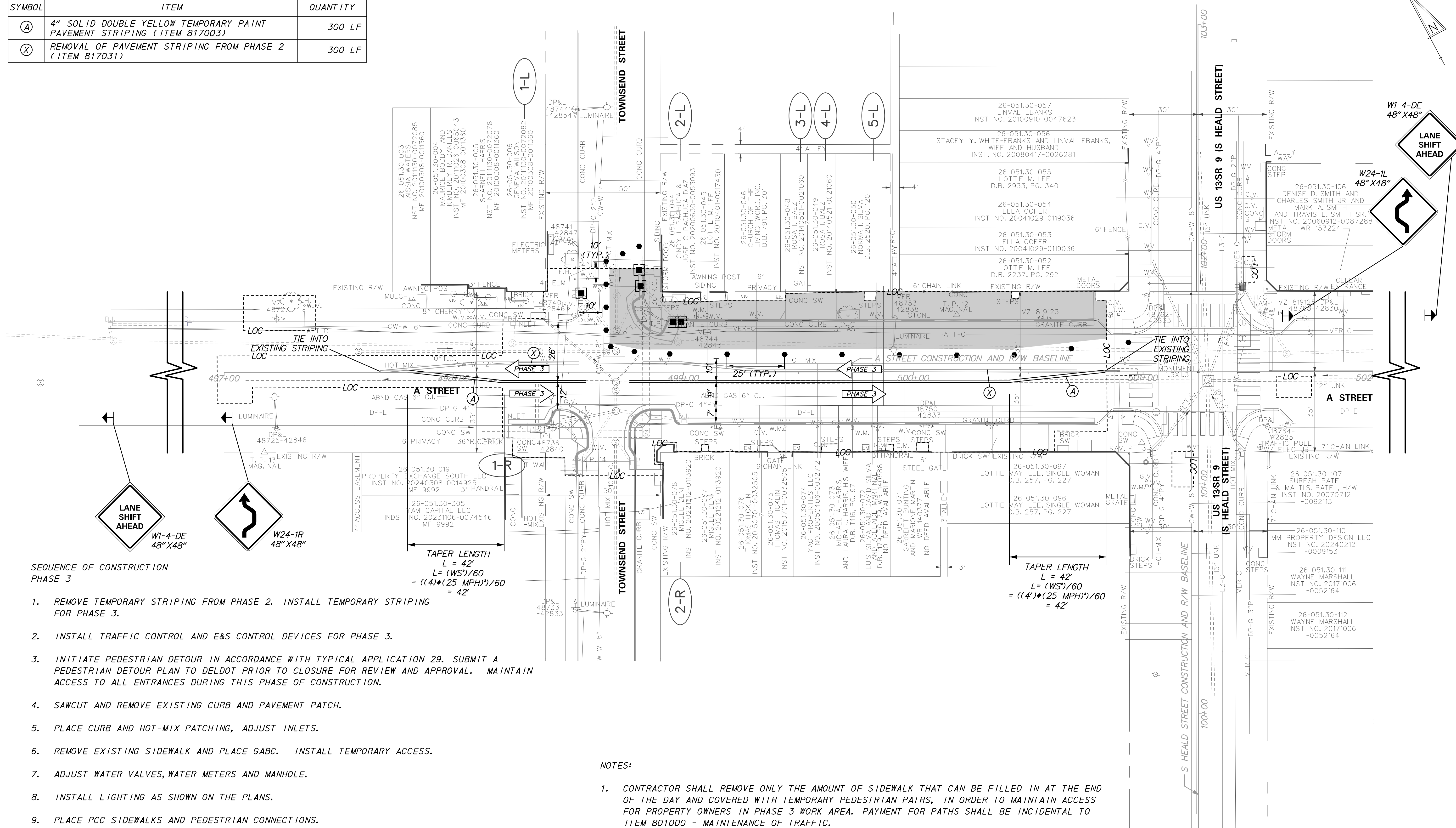
**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	Z. NERWINSKI
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

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

CS-04	SECTION
	McT
	SHEET NO.
	18

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID DOUBLE YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 817003)	300 LF
(X)	REMOVAL OF PAVEMENT STRIPING FROM PHASE 2 (ITEM 817031)	300 LF



SEQUENCE OF CONSTRUCTION PHASE 3

1. REMOVE TEMPORARY STRIPING FROM PHASE 2. INSTALL TEMPORARY STRIPING FOR PHASE 3.
2. INSTALL TRAFFIC CONTROL AND E&S CONTROL DEVICES FOR PHASE 3.
3. INITIATE PEDESTRIAN DETOUR IN ACCORDANCE WITH TYPICAL APPLICATION 29. SUBMIT A PEDESTRIAN DETOUR PLAN TO DELDOT PRIOR TO CLOSURE FOR REVIEW AND APPROVAL. MAINTAIN ACCESS TO ALL ENTRANCES DURING THIS PHASE OF CONSTRUCTION.
4. SAWCUT AND REMOVE EXISTING CURB AND PAVEMENT PATCH.
5. PLACE CURB AND HOT-MIX PATCHING, ADJUST INLETS.
6. REMOVE EXISTING SIDEWALK AND PLACE GABC. INSTALL TEMPORARY ACCESS.
7. ADJUST WATER VALVES, WATER METERS AND MANHOLE.
8. INSTALL LIGHTING AS SHOWN ON THE PLANS.
9. PLACE PCC SIDEWALKS AND PEDESTRIAN CONNECTIONS.
10. REMOVE PHASE 3 TRAFFIC CONTROL DEVICES.

TAPER LENGTH
 $L = 42'$
 $L = (WS)/60$
 $= ((4') * (25 \text{ MPH}))/60$
 $= 42'$

TAPER LENGTH
 $L = 42'$
 $L = (WS)/60$
 $= ((4') * (25 \text{ MPH}))/60$
 $= 42'$

NOTES:

1. CONTRACTOR SHALL REMOVE ONLY THE AMOUNT OF SIDEWALK THAT CAN BE FILLED IN AT THE END OF THE DAY AND COVERED WITH TEMPORARY PEDESTRIAN PATHS, IN ORDER TO MAINTAIN ACCESS FOR PROPERTY OWNERS IN PHASE 3 WORK AREA. PAYMENT FOR PATHS SHALL BE INCIDENTAL TO ITEM 801000 - MAINTENANCE OF TRAFFIC.
2. POST "NO PARKING" SIGNS ON NORTH SIDE OF A STREET WITHIN LIMITS OF WORK ZONE.

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ADDENDA / REVISIONS



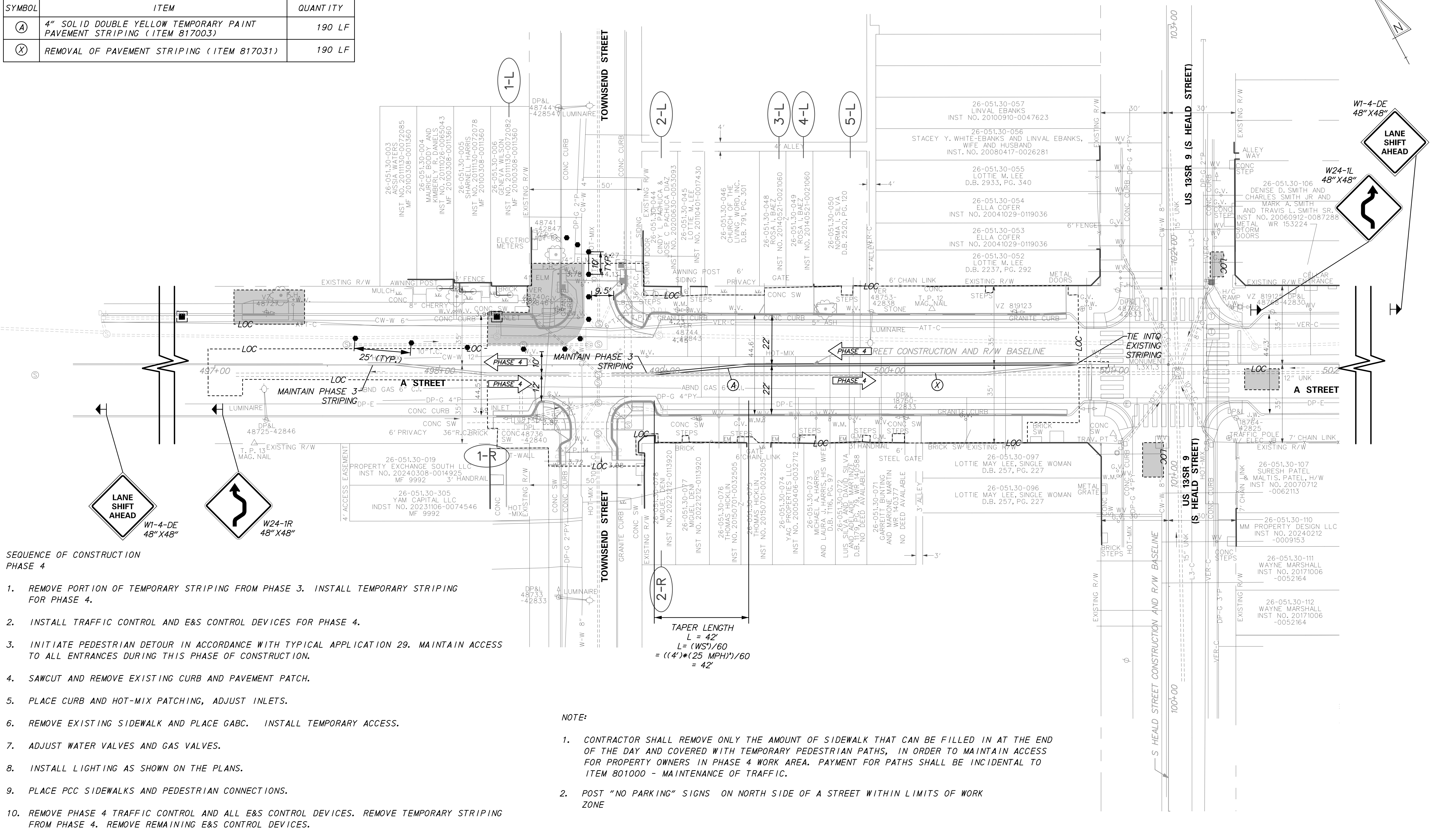
SOUTHBRIDGE STREETScape IMPROVEMENTS, PHASE II

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	Z. NERWINSKI
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3

CS-05	SECTION
	McT
	SHEET NO.
	19

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID DOUBLE YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 817003)	190 LF
(X)	REMOVAL OF PAVEMENT STRIPING (ITEM 817031)	190 LF



SEQUENCE OF CONSTRUCTION
PHASE 4

1. REMOVE PORTION OF TEMPORARY STRIPING FROM PHASE 3. INSTALL TEMPORARY STRIPING FOR PHASE 4.
2. INSTALL TRAFFIC CONTROL AND E&S CONTROL DEVICES FOR PHASE 4.
3. INITIATE PEDESTRIAN DETOUR IN ACCORDANCE WITH TYPICAL APPLICATION 29. MAINTAIN ACCESS TO ALL ENTRANCES DURING THIS PHASE OF CONSTRUCTION.
4. SAWCUT AND REMOVE EXISTING CURB AND PAVEMENT PATCH.
5. PLACE CURB AND HOT-MIX PATCHING, ADJUST INLETS.
6. REMOVE EXISTING SIDEWALK AND PLACE GABC. INSTALL TEMPORARY ACCESS.
7. ADJUST WATER VALVES AND GAS VALVES.
8. INSTALL LIGHTING AS SHOWN ON THE PLANS.
9. PLACE PCC SIDEWALKS AND PEDESTRIAN CONNECTIONS.
10. REMOVE PHASE 4 TRAFFIC CONTROL AND ALL E&S CONTROL DEVICES. REMOVE TEMPORARY STRIPING FROM PHASE 4. REMOVE REMAINING E&S CONTROL DEVICES.
11. INSTALL TEMPORARY CENTERLINE STRIPING ALONG A STREET TO MATCH ORIGINAL CONFIGURATION.

NOTE:

1. CONTRACTOR SHALL REMOVE ONLY THE AMOUNT OF SIDEWALK THAT CAN BE FILLED IN AT THE END OF THE DAY AND COVERED WITH TEMPORARY PEDESTRIAN PATHS, IN ORDER TO MAINTAIN ACCESS FOR PROPERTY OWNERS IN PHASE 4 WORK AREA. PAYMENT FOR PATHS SHALL BE INCIDENTAL TO ITEM 801000 - MAINTENANCE OF TRAFFIC.
2. POST "NO PARKING" SIGNS ON NORTH SIDE OF A STREET WITHIN LIMITS OF WORK ZONE

ADDENDA / REVISIONS

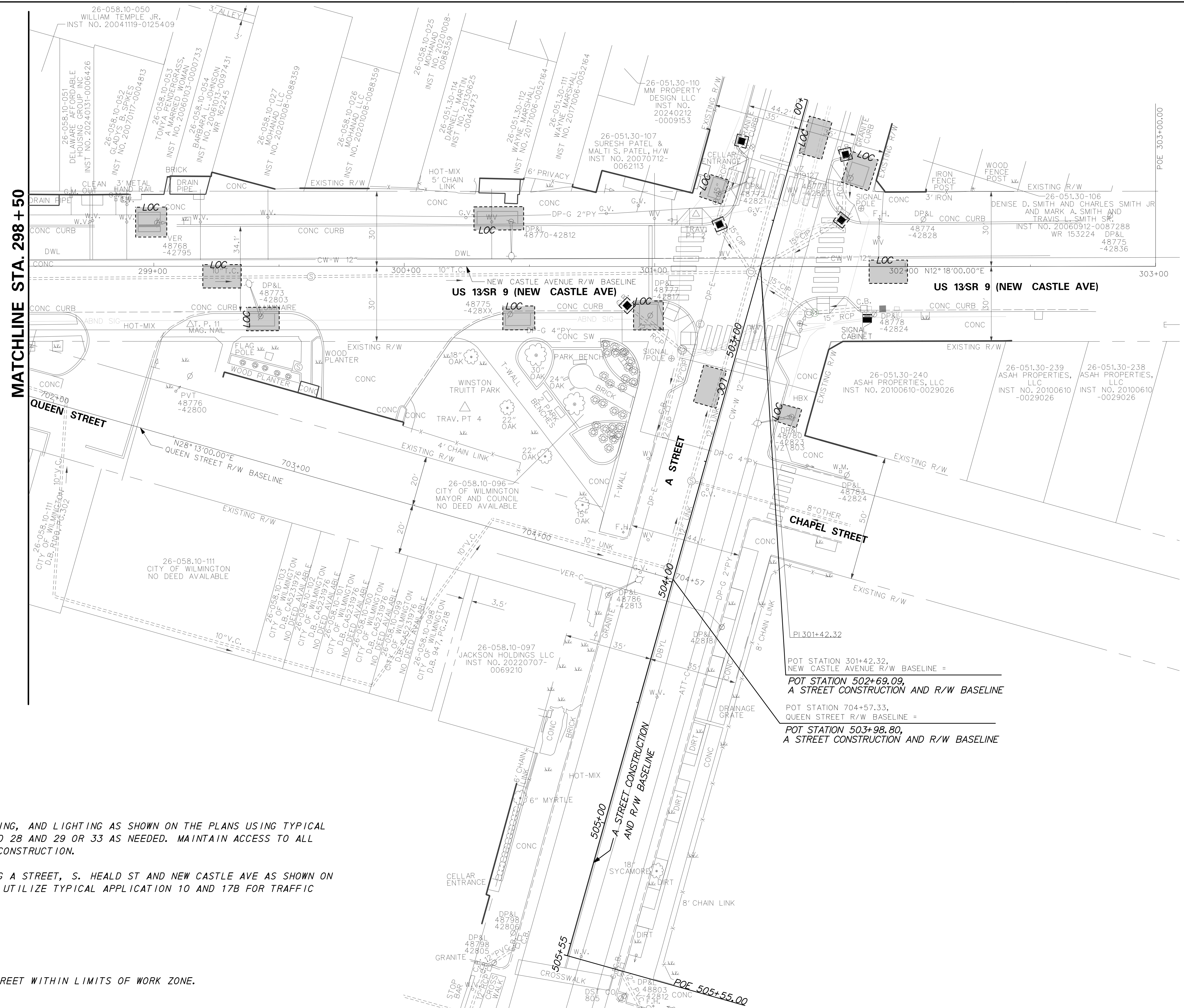
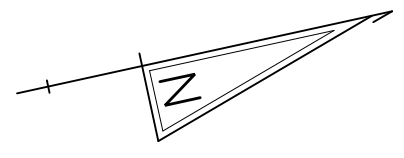


**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	Z. NERWINSKI
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

**CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 4**

CS-06	SECTION
	McT
	SHEET NO.
	20



**SEQUENCE OF CONSTRUCTION
PHASE 5**

1. CONSTRUCT SIDEWALK, CURB, PATCHING, AND LIGHTING AS SHOWN ON THE PLANS USING TYPICAL APPLICATION 11B, MODIFIED 21 AND 28 AND 29 OR 33 AS NEEDED. MAINTAIN ACCESS TO ALL ENTRANCES DURING THIS PHASE OF CONSTRUCTION.
2. INSTALL PERMANENT STRIPING ALONG A STREET, S. HEALD ST AND NEW CASTLE AVE AS SHOWN ON THE SIGNING AND STRIPING PLANS. UTILIZE TYPICAL APPLICATION 10 AND 17B FOR TRAFFIC CONTROL.
3. REMOVE TRAFFIC CONTROL DEVICES.

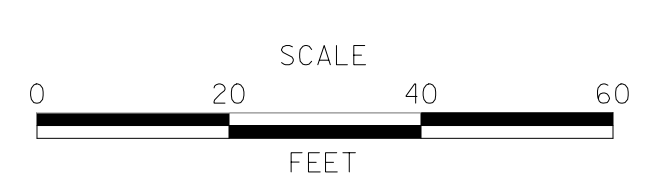
NOTE:

1. POST "NO PARKING" SIGNS ON A STREET WITHIN LIMITS OF WORK ZONE.

POT STATION 301+42.32,
NEW CASTLE AVENUE R/W BASELINE =
**POT STATION 502+69.09,
A STREET CONSTRUCTION AND R/W BASELINE**
POT STATION 704+57.33,
QUEEN STREET R/W BASELINE =
**POT STATION 503+98.80,
A STREET CONSTRUCTION AND R/W BASELINE**

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ADDENDA / REVISIONS

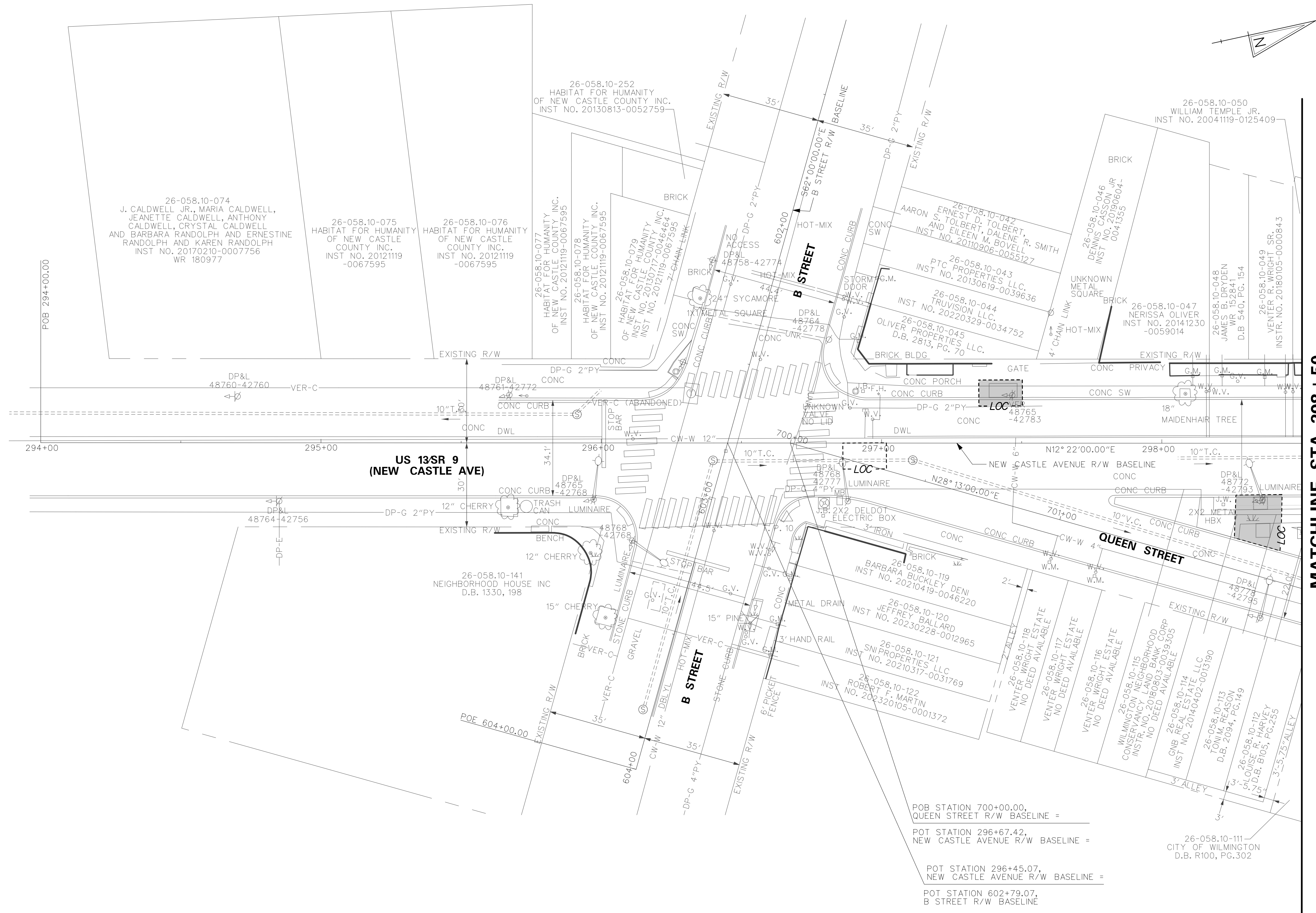
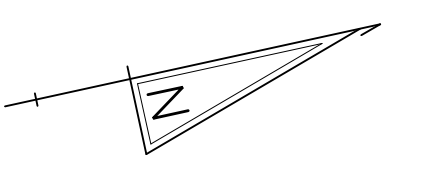


**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	Z. NERWINSKI
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

**CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 5**

CS-07
SECTION
McT
SHEET NO.
21



MATCHLINE STA. 298 + 50

**SEQUENCE OF CONSTRUCTION
PHASE 5**

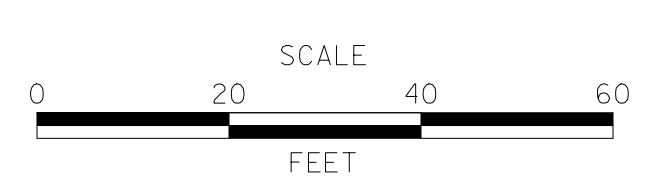
1. CONSTRUCT SIDEWALK, CURB, PATCHING, AND LIGHTING AS SHOWN ON THE PLANS USING TYPICAL APPLICATION 11B, MODIFIED 21, OR 33 AS NEEDED. MAINTAIN ACCESS TO ALL ENTRANCES DURING THIS PHASE OF CONSTRUCTION.
2. INSTALL PERMANENT STRIPING ALONG A STREET, S. HEALD ST AND NEW CASTLE AVE AS SHOWN ON THE SIGNING AND STRIPING PLANS. UTILIZE TYPICAL APPLICATION 17B FOR TRAFFIC CONTROL.
3. REMOVE TRAFFIC CONTROL DEVICES.

NOTE:

1. CONTRACTOR SHALL REMOVE ONLY THE AMOUNT OF SIDEWALK THAT CAN BE FILLED IN AT THE END OF THE DAY AND COVERED WITH TEMPORARY PEDESTRIAN PATHS, IN ORDER TO MAINTAIN ACCESS FOR PROPERTY OWNERS IN PHASE 5 WORK AREA. PAYMENT FOR PATHS SHALL BE INCIDENTAL TO ITEM 801000 - MAINTENANCE OF TRAFFIC.

9/11/2024 9:31:51 AM ...\\Roadway\CS07_Southbridge.dgn

ADDENDA / REVISIONS



**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	Z. NERWINSKI
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

**CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 5**

CS-08
SECTION
McT
SHEET NO.
22

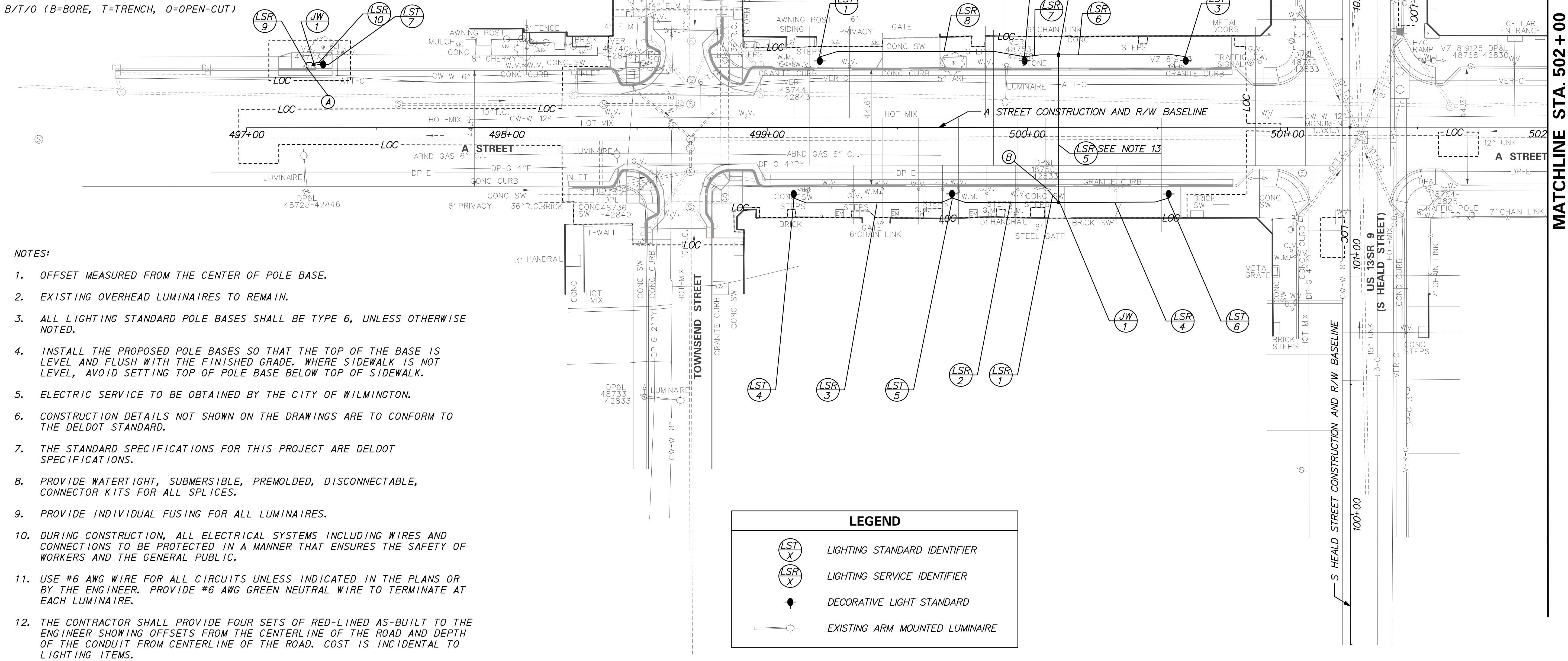
DECORATIVE LIGHTING STANDARD SCHEDULE					
NO.	CIRCUIT NO.	STATION	OFFSET	POLE	LIGHT STANDARD
1	-	499+20	-25.5'	12'	150 WATT LED LUMINAIRE
2	-	499+99	-25.5'	12'	150 WATT LED LUMINAIRE
3	-	500+61	-25.5'	12'	150 WATT LED LUMINAIRE
4	-	499+10	25.5'	12'	150 WATT LED LUMINAIRE
5*	-	499+71	25.5'	12'	150 WATT LED LUMINAIRE
6	-	500+54	25.5'	12'	150 WATT LED LUMINAIRE
7	-	497+29	-24.3'	12'	150 WATT LED LUMINAIRE

* PERFORM TEST HOLES AT STA. 499+67, 25.5' RT AND STA. 499+73, 25.5' RT TO CONFIRM LOCATION OF GAS AND WATER LINES PRIOR TO EXCAVATION FOR POLE BASE.

POWER SOURCE SCHEDULE			
ID	STATION	OFFSET	DESCRIPTION
(A)	497+22.90	-23.3'	DPL POLE 48727
(B)	500+07.40	23.4'	DPL POLE 18750-42833

LIGHTING SERVICE SCHEDULE					
ID	TYPE	DIA.	LENGTH	B/T/O	CONTENTS
1	SCHEDULE 80 PVC	1.5"	10'	T	(3) #6 + (1) #6 GROUND
2	SCHEDULE 80 PVC	1.5"	41'	T	(3) #6 + (1) #6 GROUND
3	SCHEDULE 80 PVC	1.5"	61'	T	(3) #6 + (1) #6 GROUND
4	SCHEDULE 80 PVC	1.5"	43'	T	(3) #6 + (1) #6 GROUND
5	SCHEDULE 80 PVC	4"	57'	O	(3) #6 + (1) #6 GROUND
6	SCHEDULE 80 PVC	1.5"	49'	T	(3) #6 + (1) #6 GROUND
7	SCHEDULE 80 PVC	1.5"	13'	T	(3) #6 + (1) #6 GROUND
8	SCHEDULE 80 PVC	1.5"	79'	T	(3) #6 + (1) #6 GROUND
9	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
10	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND

B/T/O (B=BORE, T=TRENCH, O=OPEN-CUT)



- NOTES:
1. OFFSET MEASURED FROM THE CENTER OF POLE BASE.
 2. EXISTING OVERHEAD LUMINAIRES TO REMAIN.
 3. ALL LIGHTING STANDARD POLE BASES SHALL BE TYPE 6, UNLESS OTHERWISE NOTED.
 4. INSTALL THE PROPOSED POLE BASES SO THAT THE TOP OF THE BASE IS LEVEL AND FLUSH WITH THE FINISHED GRADE. WHERE SIDEWALK IS NOT LEVEL, AVOID SETTING TOP OF POLE BASE BELOW TOP OF SIDEWALK.
 5. ELECTRIC SERVICE TO BE OBTAINED BY THE CITY OF WILMINGTON.
 6. CONSTRUCTION DETAILS NOT SHOWN ON THE DRAWINGS ARE TO CONFORM TO THE DELDOT STANDARD.
 7. THE STANDARD SPECIFICATIONS FOR THIS PROJECT ARE DELDOT SPECIFICATIONS.
 8. PROVIDE WATERTIGHT, SUBMERSIBLE, PREMOLDED, DISCONNECTABLE, CONNECTOR KITS FOR ALL SPLICES.
 9. PROVIDE INDIVIDUAL FUSING FOR ALL LUMINAIRES.
 10. DURING CONSTRUCTION, ALL ELECTRICAL SYSTEMS INCLUDING WIRES AND CONNECTIONS TO BE PROTECTED IN A MANNER THAT ENSURES THE SAFETY OF WORKERS AND THE GENERAL PUBLIC.
 11. USE #6 AWG WIRE FOR ALL CIRCUITS UNLESS INDICATED IN THE PLANS OR BY THE ENGINEER. PROVIDE #6 AWG GREEN NEUTRAL WIRE TO TERMINATE AT EACH LUMINAIRE.
 12. THE CONTRACTOR SHALL PROVIDE FOUR SETS OF RED-LINED AS-BUILT TO THE ENGINEER SHOWING OFFSETS FROM THE CENTERLINE OF THE ROAD AND DEPTH OF THE CONDUIT FROM CENTERLINE OF THE ROAD. COST IS INCIDENTAL TO LIGHTING ITEMS.
 13. SEE PERMANENT CROSS-ROAD PATCH DETAIL ON DT-02.

LEGEND	
(LST X)	LIGHTING STANDARD IDENTIFIER
(LSR X)	LIGHTING SERVICE IDENTIFIER
●	DECORATIVE LIGHT STANDARD
○	EXISTING ARM MOUNTED LUMINAIRE



**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**



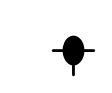
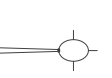
CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	T. SMITH
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

LIGHTING PLAN

LI-01
SECTION
McT
SHEET NO.
23

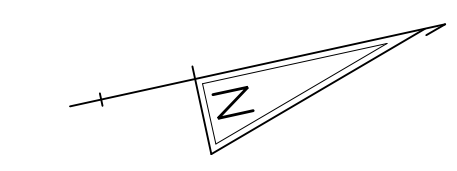
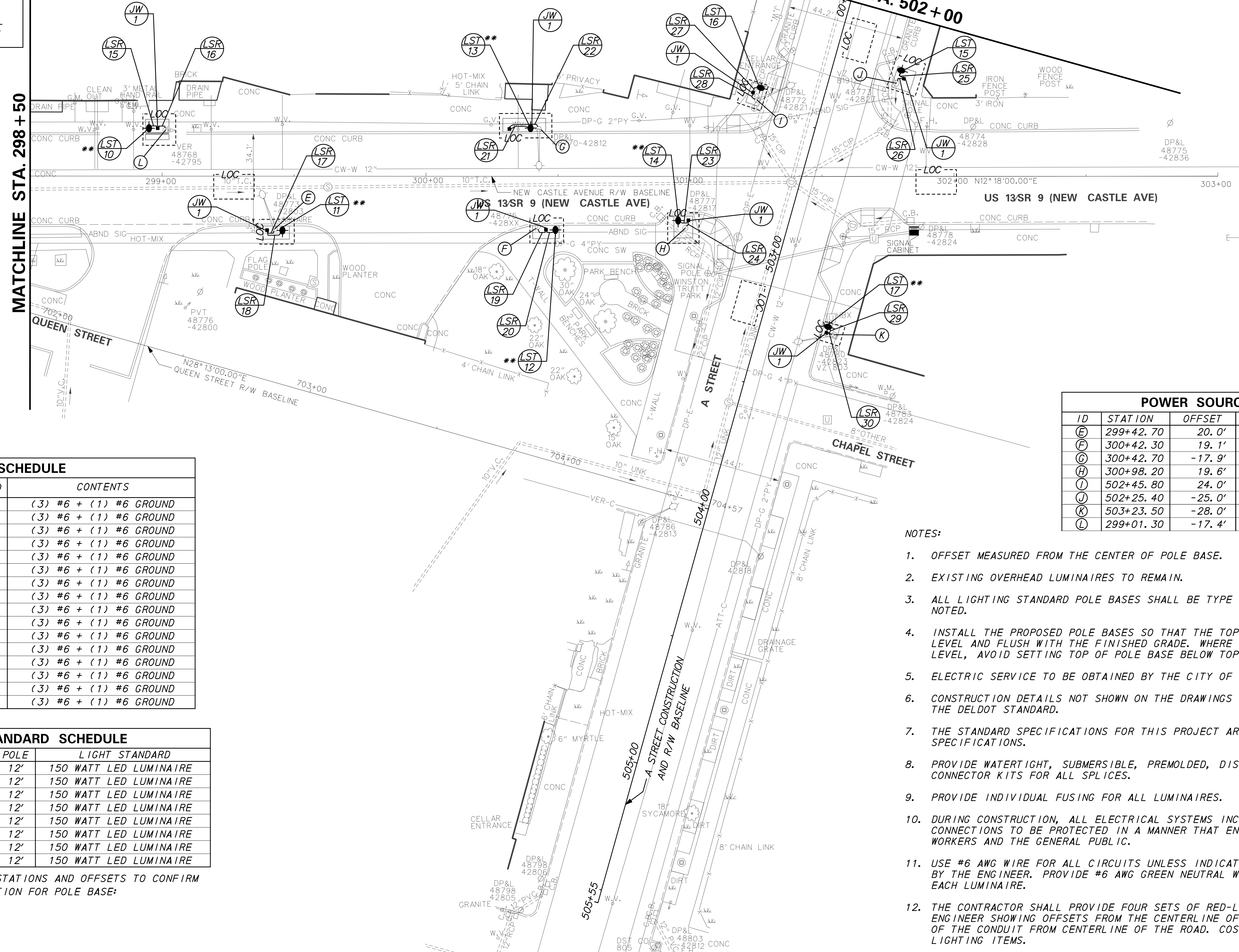
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LEGEND

-  LIGHTING STANDARD IDENTIFIER
-  LIGHTING SERVICE IDENTIFIER
-  DECORATIVE LIGHT STANDARD
-  EXISTING ARM MOUNTED LUMINAIRE

MATCHLINE STA. 298+50

MATCHLINE STA. 502+00



LIGHTING SERVICE SCHEDULE

ID	TYPE	DIA.	LENGTH	B/T/O	CONTENTS
15	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
16	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
17	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
18	SCHEDULE 80 PVC	1.5"	10'	T	(3) #6 + (1) #6 GROUND
19	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
20	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
21	SCHEDULE 80 PVC	1.5"	10'	T	(3) #6 + (1) #6 GROUND
22	SCHEDULE 80 PVC	1.5"	15'	T	(3) #6 + (1) #6 GROUND
23	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
24	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
25	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
26	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
27	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
28	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
29	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND
30	SCHEDULE 80 PVC	1.5"	5'	T	(3) #6 + (1) #6 GROUND

B/T/O (B=BORE, T=TRENCH, O=OPEN-CUT)

DECORATIVE LIGHTING STANDARD SCHEDULE

NO.	CIRCUIT NO.	STATION	OFFSET	POLE	LIGHT STANDARD
10*	-	298+95	-18.1'	12'	150 WATT LED LUMINAIRE
11*	-	299+46	20.5'	12'	150 WATT LED LUMINAIRE
12*	-	300+49	20.3'	12'	150 WATT LED LUMINAIRE
13*	-	300+40	-18.3'	12'	150 WATT LED LUMINAIRE
14	-	300+96	16.7'	12'	150 WATT LED LUMINAIRE
15	-	502+20	-25.4'	12'	150 WATT LED LUMINAIRE
16	-	502+41	23.8'	12'	150 WATT LED LUMINAIRE
17	-	503+21	-25.0'	12'	150 WATT LED LUMINAIRE

* PERFORM TEST HOLES AT THE FOLLOWING STATIONS AND OFFSETS TO CONFIRM LOCATION OF GAS LINE PRIOR TO EXCAVATION FOR POLE BASE:

- STA. 298+97, 20.5' LT
- STA. 299+46, 24.8' RT
- STA. 300+39, 20.2' LT
- STA. 300+45, 24.8' RT

** SEE DT- 03 FOR POLE BASE OFFSET DISTANCE FROM THE BACK OF CURB

POWER SOURCE SCHEDULE

ID	STATION	OFFSET	DESCRIPTION
E	299+42.70	20.0'	DPL POLE 48773-42803
F	300+42.30	19.1'	DPL POLE 48775-428XX
G	300+42.70	-17.9'	DPL POLE 48770-42812
H	300+98.20	19.6'	DPL POLE 48777-42817
I	502+45.80	24.0'	DPL POLE 48772-42821
J	502+25.40	-25.0'	DPL POLE 48773-42827
K	503+23.50	-28.0'	DPL POLE 48780-42823
L	299+01.30	-17.4'	DPL POLE 48768-42795

NOTES:

1. OFFSET MEASURED FROM THE CENTER OF POLE BASE.
2. EXISTING OVERHEAD LUMINAIRES TO REMAIN.
3. ALL LIGHTING STANDARD POLE BASES SHALL BE TYPE 6, UNLESS OTHERWISE NOTED.
4. INSTALL THE PROPOSED POLE BASES SO THAT THE TOP OF THE BASE IS LEVEL AND FLUSH WITH THE FINISHED GRADE. WHERE SIDEWALK IS NOT LEVEL, AVOID SETTING TOP OF POLE BASE BELOW TOP OF SIDEWALK.
5. ELECTRIC SERVICE TO BE OBTAINED BY THE CITY OF WILMINGTON.
6. CONSTRUCTION DETAILS NOT SHOWN ON THE DRAWINGS ARE TO CONFORM TO THE DELDOT STANDARD.
7. THE STANDARD SPECIFICATIONS FOR THIS PROJECT ARE DELDOT SPECIFICATIONS.
8. PROVIDE WATERTIGHT, SUBMERSIBLE, PREMOLDED, DISCONNECTABLE, CONNECTOR KITS FOR ALL SPLICES.
9. PROVIDE INDIVIDUAL FUSING FOR ALL LUMINAIRES.
10. DURING CONSTRUCTION, ALL ELECTRICAL SYSTEMS INCLUDING WIRES AND CONNECTIONS TO BE PROTECTED IN A MANNER THAT ENSURES THE SAFETY OF WORKERS AND THE GENERAL PUBLIC.
11. USE #6 AWG WIRE FOR ALL CIRCUITS UNLESS INDICATED IN THE PLANS OR BY THE ENGINEER. PROVIDE #6 AWG GREEN NEUTRAL WIRE TO TERMINATE AT EACH LUMINAIRE.
12. THE CONTRACTOR SHALL PROVIDE FOUR SETS OF RED-LINED AS-BUILT TO THE ENGINEER SHOWING OFFSETS FROM THE CENTERLINE OF THE ROAD AND DEPTH OF THE CONDUIT FROM CENTERLINE OF THE ROAD. COST IS INCIDENTAL TO LIGHTING ITEMS.

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ADDENDA / REVISIONS



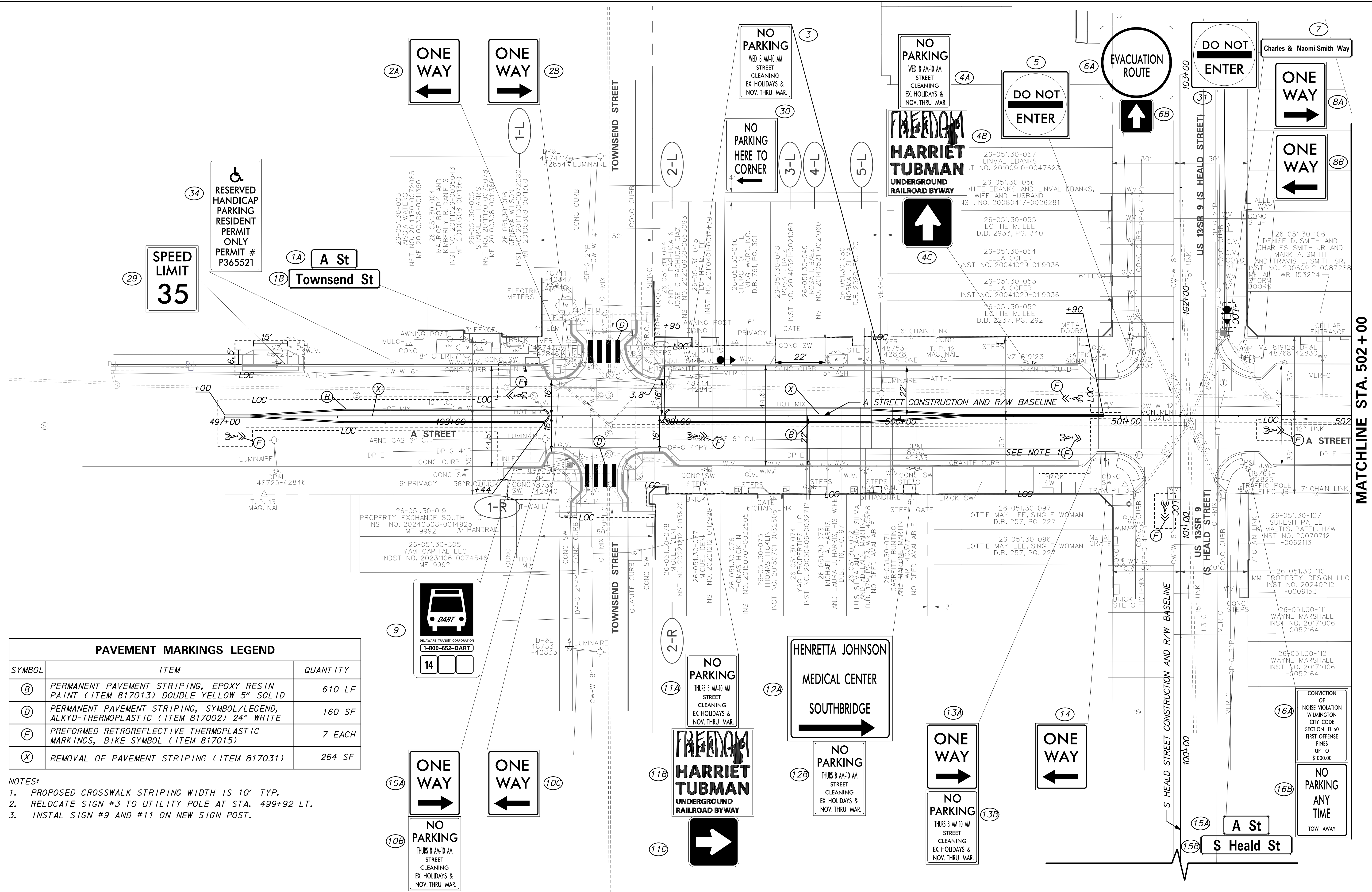
**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY: T. SMITH	
COUNTY	CHECKED BY: K. MURPHY	
NEW CASTLE		

LIGHTING PLAN

LI-03
SECTION
McT
SHEET NO.
25

9/11/2024
9:52:23 AM
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MATCHLINE STA. 502 + 00

PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
(B)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT (ITEM 817013) DOUBLE YELLOW 5" SOLID	610 LF
(D)	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND, ALKYD-THERMOPLASTIC (ITEM 817002) 24" WHITE	160 SF
(F)	PREFORMED RETROREFLECTIVE THERMOPLASTIC MARKINGS, BIKE SYMBOL (ITEM 817015)	7 EACH
(X)	REMOVAL OF PAVEMENT STRIPING (ITEM 817031)	264 SF

- NOTES:**
- PROPOSED CROSSWALK STRIPING WIDTH IS 10' TYP.
 - RELOCATE SIGN #3 TO UTILITY POLE AT STA. 499+92 LT.
 - INSTAL SIGN #9 AND #11 ON NEW SIGN POST.

ADDENDA / REVISIONS

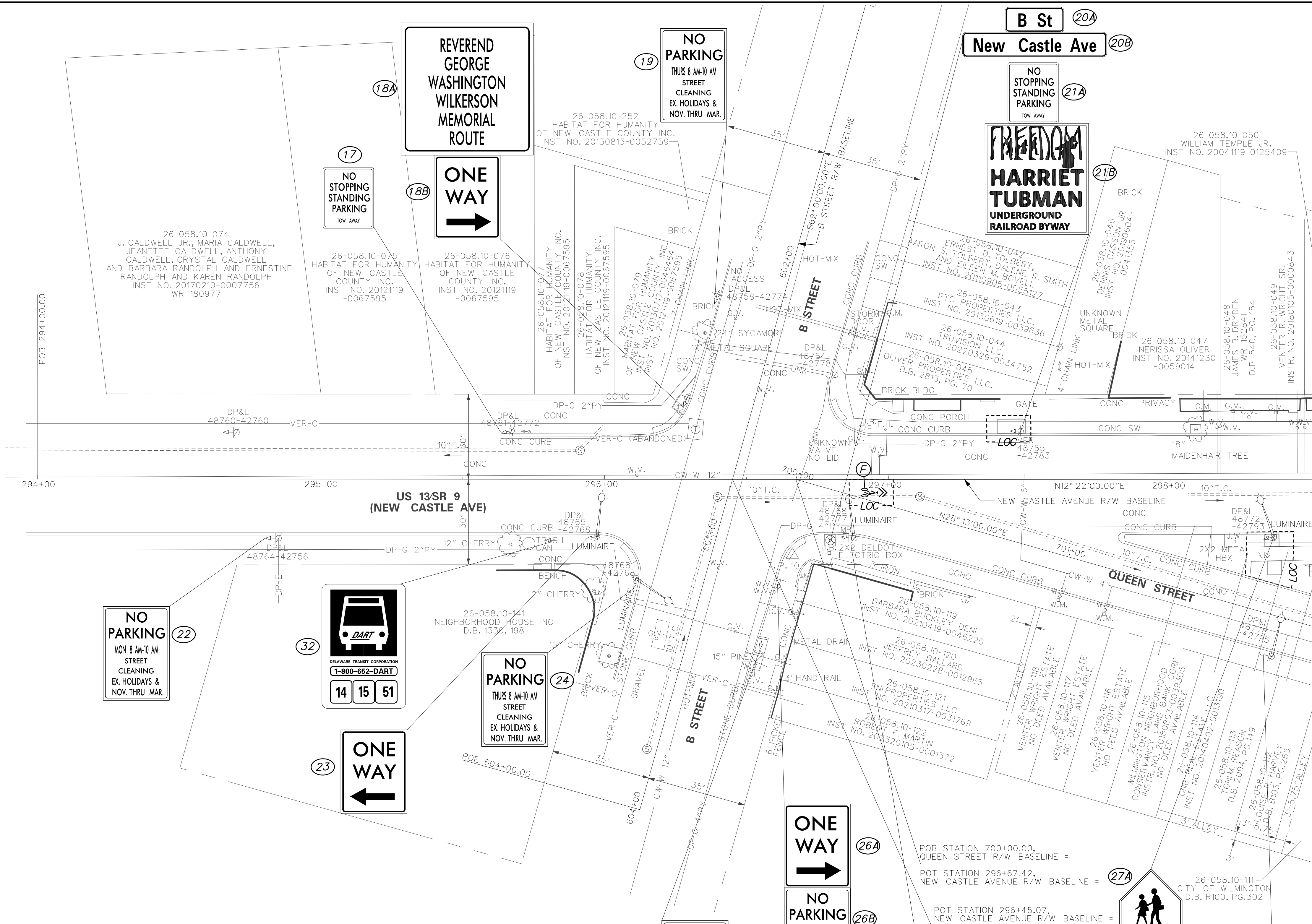
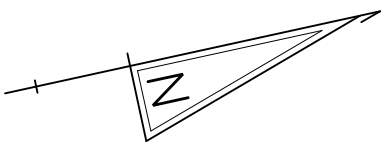


**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	Z. NERWINSKI
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

**SIGNING, STRIPING
AND CONDUIT PLAN**

SS-01	SECTION
	McT
	SHEET NO.
	26



MATCHLINE STA. 298 + 50

PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(F)	PREFORMED RETROREFLECTIVE THERMOPLASTIC MARKINGS, BIKE SYMBOL (ITEM 817015)	1 EACH

ADDENDA / REVISIONS



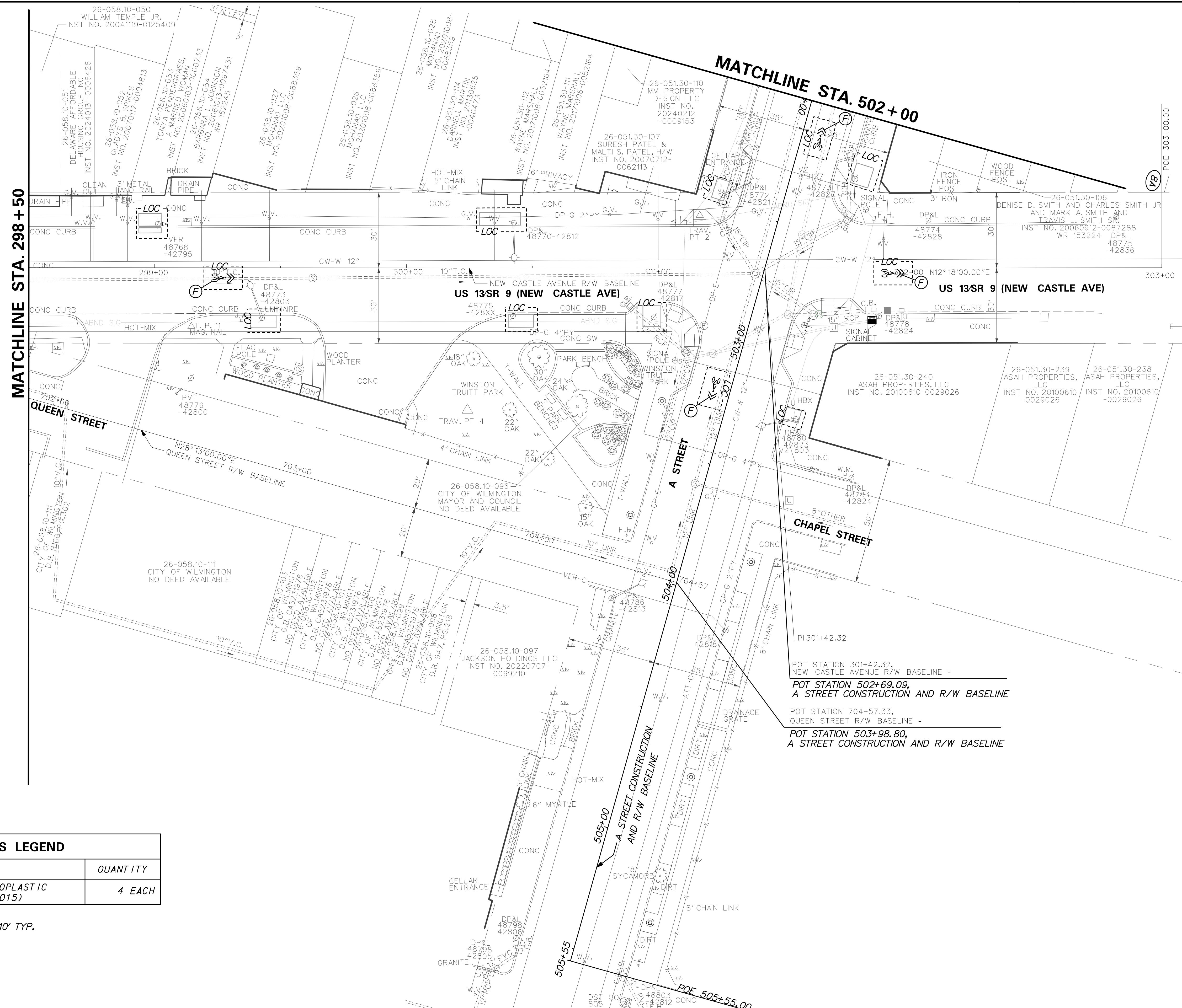
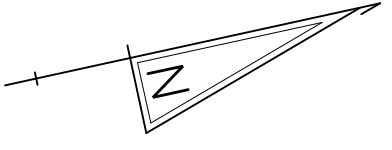
**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	Z. NERWINSKI
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

**SIGNING, STRIPING
AND CONDUIT PLAN**

SS-02
SECTION
McT
SHEET NO.
27

9/11/2024 9:52:39 AM ...Roadway\SS02_Southbridge.dgn



MATCHLINE STA. 298+50

MATCHLINE STA. 502+00

US 13SR 9 (NEW CASTLE AVE)

QUEEN STREET

A STREET

CHAPEL STREET

POT STATION 301+42.32,
NEW CASTLE AVENUE R/W BASELINE =
POT STATION 502+69.09,
A STREET CONSTRUCTION AND R/W BASELINE =
POT STATION 704+57.33,
QUEEN STREET R/W BASELINE =
POT STATION 503+98.80,
A STREET CONSTRUCTION AND R/W BASELINE =

PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(F)	PREFORMED RETROREFLECTIVE THERMOPLASTIC MARKINGS, BIKE SYMBOL (ITEM 817015)	4 EACH

- NOTES:
- PROPOSED CROSSWALK STRIPING WIDTH IS 10' TYP.
 - ALL EXISTING SIGNS TO REMAIN.

ADDENDA / REVISIONS



**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT	BRIDGE NO.	NA
T201620011	DESIGNED BY:	Z. NERWINSKI
COUNTY	CHECKED BY:	K. MURPHY
NEW CASTLE		

**SIGNING, STRIPING
AND CONDUIT PLAN**

SS-03
SECTION
McT
SHEET NO.
28

PERMANENT SIGN SCHEDULE - ROADWAY

SHEET NO.	PLAN IDENTIFIER	SIGN DESIGNATION	QTY.	DESCRIPTION	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	X13 / ITEM 818001 SUPPLY OF FLAT SHEET ALUMINUM, TYPE IV, RETROREFLECTIVE SHEETING (SF)	X14 / ITEM 818003 SUPPLY OF FLAT SHEET ALUMINUM, TYPE XI, RETROREFLECTIVE SHEETING (SF)	X15 / ITEM 819512 SIGN POST REFLECTIVE PANEL (EA)	ITEM 819018 INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE POST (EACH)			ITEM 819019 INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON MULTIPLE SIGN POSTS (SF)			POST INSTALLATION TYPE	X16 / ITEM 819011 12' SIGNPOSTS W/ BASEPOSTS & HARDWARE (EACH)	X17 / ITEM 819023 15' SIGNPOSTS W/ BASEPOSTS & HARDWARE (EACH)	ITEM 819016 4" HOLE, 0-6" (EACH)	ITEM 819017 4" HOLE, >6" (EACH)	SIGN DISPOSITION	ITEM 822500 INSTALL OVERHEAD SIGN (SF) ON SIGNAL POLES TRAFFIC CONTRACTOR ITEM, EXCEPT FOR PILOT PROJECTS	ITEM 823003 REMOVAL OF SIGN ON SPAN WIRE OR MAST ARM (EA) TRAFFIC CONTRACTOR ITEM, EXCEPT FOR PILOT PROJECTS	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 DISPOSITION	REMOVE	INSTALL										
SS-01	1A	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMAIN													A St		
SS-01	1B	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMAIN													Townsend St		
SS-01	2A	R6-2_L(18)	1	ONE WAY (LEFT ARROW) - 18x24	18	24				REMAIN															
SS-01	2B	R6-2_R(18)	1	ONE WAY (RIGHT ARROW) - 18x24	18	24				REMAIN															
SS-01	3	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REPOSITION	1	1												NO PARKING WED 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-01	4A	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REMAIN														NO PARKING WED 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-01	4B	Special	1	Hamlet Tubman Underground Railroad Byway						REMAIN															
SS-01	4C	M6-1_R(B)	1	DIRECTIONAL ARROW (Right) - 12x9	12	9				REMAIN															
SS-01	5	R5-1(30)	1	DO NOT ENTER - 30x30	30	30				REMAIN															
SS-01	6A	EW-1-DE	1	EVACUATION ROUTE	24	24				REMAIN															
SS-01	6B	R3-17aP	1	AHEAD (plaque)	24	8				REMAIN															
SS-01	7	Special	1							REMAIN															
SS-01	8A	R6-2_R(18)	1	ONE WAY (RIGHT ARROW) - 18x24	18	24				REMAIN															
SS-01	8B	R6-2_L(18)	1	ONE WAY (LEFT ARROW) - 18x24	18	24				REMAIN															
SS-01	9	D4-3-DE	1	BUS STOP (REQUESTS FOR FABRICATION THRU DART TRANSIT AT 302-576-6132)	12	18				REPOSITION	1	1		NEW CONCRETE	1										
SS-01	10A	R6-2_R(18)	1	ONE WAY (RIGHT ARROW) - 18x24	18	24				REMAIN															
SS-01	10B	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REMAIN														NO PARKING THURS 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-01	10C	R6-2_L(18)	1	ONE WAY (LEFT ARROW) - 18x24	18	24				REMAIN															
SS-01	11A	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REPOSITION	1	1		NEW CONCRETE	1									NO PARKING THURS 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-01	11B	Special	1	Hamlet Tubman Underground Railroad Byway						REPOSITION	1	1													
SS-01	11C	M6-1_R(B)	1	DIRECTIONAL ARROW (Right) - 12x9	12	9				REPOSITION	1	1													
SS-01	12A	Special	1	Medical Center Sign						REMAIN														HENRIETTA JOHNSON MEDICAL CENTER SOUTHBRIDGE	
SS-01	12B	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REMAIN														NO PARKING THURS 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-01	13A	R6-2_R(18)	1	ONE WAY (RIGHT ARROW) - 18x24	18	24				REMAIN														WAWASET ST	
SS-01	13B	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REMAIN														NO PARKING THURS 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-01	14	R6-2_L(18)	1	ONE WAY (LEFT ARROW) - 18x24	18	24				REMAIN															
SS-01	15A	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMAIN														A St	
SS-01	15B	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMAIN														S Heald St	
SS-01	16A	Special	1	Noise Violation						REMAIN														CONVICTION OF NOISE VIOLATION WILMINGTON CITY CODE SECTION 11-60 FIRST OFFENSE FINES UP TO \$1000.00	
SS-01	16B	R7-1	1	NO PARKING ANY TIME	12	18				REMAIN															
SS-01	29	R2-1-35(24)	1	SPEED LIMIT (35 MPH - 24x30)	24	30				REMAIN															
SS-01	30	R7-1	1	NO PARKING ANY TIME	12	18	1.5			NEW		1		NEW CONCRETE	1									NO PARKING HERE TO CORNER	
SS-01	31	R5-1(30)	1	DO NOT ENTER - 30x30	30	30		6.3		NEW		1		EX CONCRETE	1			1							
SS-01	34	Special	1	RESERVED HANDICAP PARKING	12	18				REMAIN															
SS-02	17	R7-4-DE(12)	1	NO STOPPING, STANDING, OR PARKING - 12x18	12	18				REMAIN															
SS-02	18A	Special	1	Memorial Route						REMAIN														REVEREND GEORGE WASHINGTON WILKERSON MEMORIAL ROUTE	
SS-02	18B	R6-2_R(18)	1	ONE WAY (RIGHT ARROW) - 18x24	18	24				REMAIN														NO PARKING THURS 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-02	19	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REMAIN														NO PARKING THURS 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-02	20A	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMAIN														B St	
SS-02	20B	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	30	8				REMAIN														New Castle Ave	
SS-02	21A	R7-4-DE(12)	1	NO STOPPING, STANDING, OR PARKING - 12x18	12	18				REMAIN															
SS-02	21B	Special	1	Hamlet Tubman Underground Railroad Byway						REMAIN															
SS-02	22	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REMAIN														NO PARKING MON 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-02	23	R6-2_L(18)	1	ONE WAY (LEFT ARROW) - 18x24	18	24				REMAIN														NO PARKING THURS 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-02	24	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REMAIN														NO PARKING THURS 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-02	25	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REMAIN														NO PARKING WED 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-02	26A	R6-2_R(18)	1	ONE WAY (RIGHT ARROW) - 18x24	18	24				REMAIN															
SS-02	26B	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REMAIN															NO PARKING WED 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.
SS-02	27A	S1-1(36)	1	SCHOOL SIGN (Symbol) - 36x36	36	36				REMAIN															
SS-02	27B	R3-17aP	1	AHEAD (plaque)	24	8				REMAIN															
SS-02	27C	R7-2a	1	NO PARKING XXXAM TO XXXPM	12	18				REMAIN														NO PARKING THURS 8AM-10AM STREET CLEANING EX HOLIDAYS & NOV. THRU MAR.	
SS-02	28	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMAIN														Queen St	
SS-02	32	D4-3-DE	1	BUS STOP (REQUESTS FOR FABRICATION THRU DART TRANSIT AT 302-576-6132)	12	18				REMAIN															
SS-02	33A	Special	1	Hamlet Tubman Underground Railroad Byway						REMAIN															
SS-02	33B	M6-1_R(B)	1	DIRECTIONAL ARROW (Right) - 12x9	12	9				REMAIN															
PAGE TOTALS							2	6	0		5	7		0	0		4	0	1	0		0	0	0	
JOB TOTALS							2	6	0		5	7		0	0		4	0	1	0		0	0	0	

ADDENDA / REVISIONS

NOT TO SCALE

**SOUTHBRIDGE
STREETSCAPE IMPROVEMENTS,
PHASE II**

CONTRACT
T201620011
COUNTY
NEW CASTLE

BRIDGE NO. **NA**
DESIGNED BY: Z. NERWINSKI
CHECKED BY: K. MURPHY

**PERMANENT
SIGN SCHEDULE**

SS-04

SECTION
McT
SHEET NO.
29