



CONTRACT NUMBER: T202120003
FEDERAL AID PROJECT NUMBER: ETA-2021(15)

M.R. #: N4, N24, N51333, N51142

**LIMIT CONTRACT
STATION 1300+25**

**LIMIT CONTRACT
STATION 1400+58**

LOCATION MAP
SCALE: 1" = 450'

**BEGIN CONTRACT
STATION 1211+50**

**U.S. CUSTOMARY
UNITS**

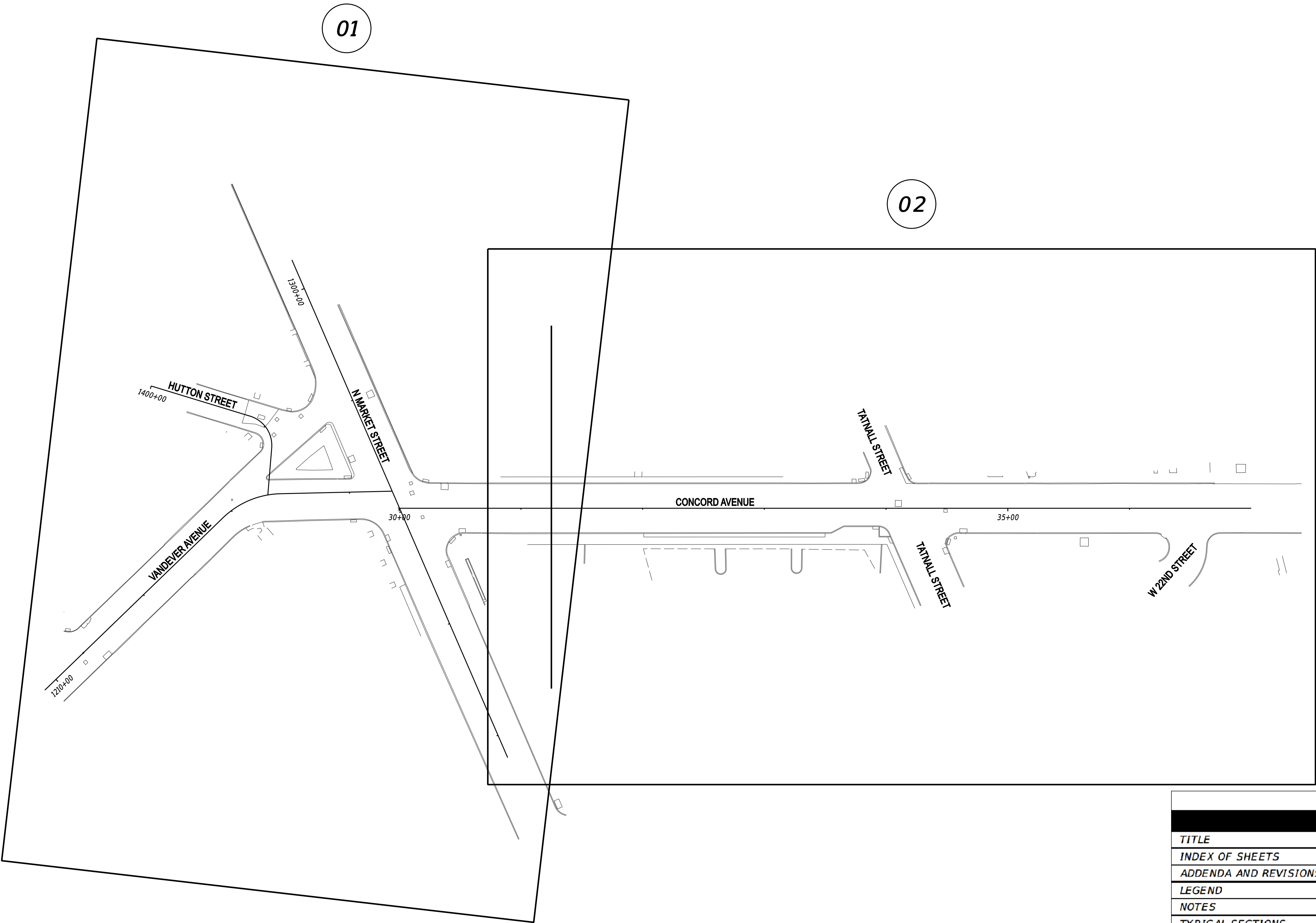
CONTRACT NO.	CONTRACT NAME
800	CONCORD AVENUE WILMINGTON, MARKET ST. TO BROOM ST.
23-200-16	GREATER BRANDYWINE VILLAGE, PHASE III
99-200-03	MARKET ST. (N) WILMINGTON BRANDYWINE VILLAGE GATEWAY



0/10/25
DATE

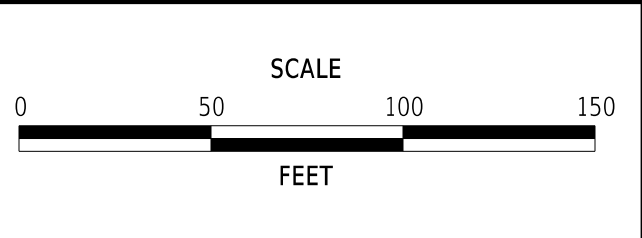
**LIMIT CONTRACT
STATION 1302+98**

12-JUN-2026
12:18
N:\32247-011\CADD\501_OBV2.dgn



INDEX OF SHEETS	
SHEET DESCRIPTION	SHEET NO(S)
TITLE	1
INDEX OF SHEETS	2
ADDENDA AND REVISIONS	3
LEGEND	4
NOTES	5
TYPICAL SECTIONS	6 - 9
HORIZONTAL AND VERTICAL CONTROL	10
CONSTRUCTION PLANS (CP)	11 - 12
PROFILES	13 - 16
GRADES AND GEOMETRICS (GG)	17 - 18
CONSTRUCTION DETAILS	19 - 20
CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLANS	21 - 29
DETOUR PLAN	30 - 34
SIGNING AND STRIPING PLANS (SS)	35 - 37
SIGNALIZATION PLAN	38
RIGHT-OF-WAY PLANS	39 - 40

ADDENDA / REVISIONS	



OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

INDEX OF SHEETS		SECTION
		WRA
		SHEET NO.
		2

WRAP

ADDENDUM PREPARED BY

Whitman, Requardt and Associates, LLP

Engineers • Architects • Environmental Planners Est. 1915

THIS SEAL APPLIES TO THE FOLLOWING SHEETS

CHANGED UNDER ADDENDUM #X:

XX, XX-XX, XX

DATE

SEAL

WRAP

REVISION PREPARED BY

Whitman, Requardt and Associates, LLP

Engineers • Architects • Environmental Planners Est. 1915

THIS SEAL APPLIES TO THE FOLLOWING SHEETS

CHANGED UNDER REVISION #X:

XX, XX-XX, XX

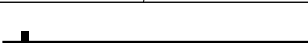
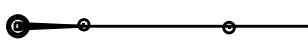
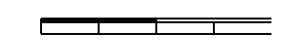
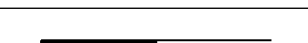
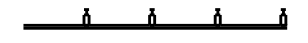
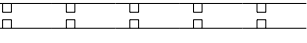
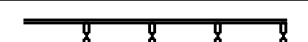
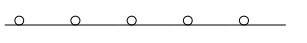
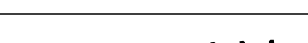
DATE

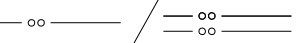
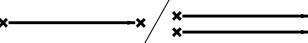
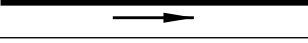
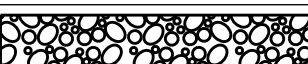
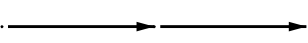
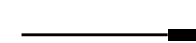
SEAL

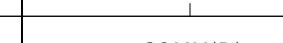
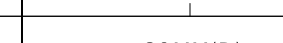
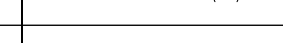
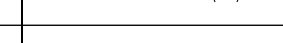
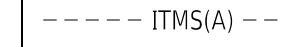
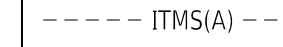
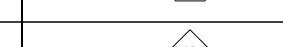
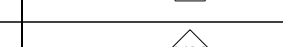
ADDENDA / REVISIONS		NOT TO SCALE	OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2	CONTRACT	BRIDGE NO.	N/A	ADDENDA AND REVISIONS	SECTION	
				T202120003	DESIGNED BY: J. SINCLAIR			WRA	
				COUNTY	CHECKED BY: V. KOWALSKI			SHEET NO.	
				NEW CASTLE				3	

12-JUN-2026
12:18
N:\32147-011\CAD\A\A01_C0B\2.dgn

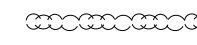
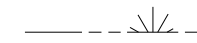
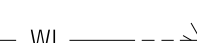
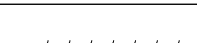
12-JUN-2026
12:18
N:\32147-011\CAD\DLG01_OBV2.dgn

MANMADE ROADSIDE FEATURES			
FEATURE DESCRIPTION	EXISTING	PROPOSED	ID
BARRIER - DOUBLE-FACED, PERMANENT	BARRIER, TYPE "X"		
BARRIER - SINGLE-FACED, PERMANENT, TEST LEVEL 4 / TEST LEVEL 5			
BARRIER - HIGH TENSION CABLE (HTCB)			
BARRIER - HTCB END TERMINAL			
BOLLARD - STEEL POLE			
BOLLARD - WOOD POST			
CURB, TYPE 1 AND TYPE 3	CURB, TYPE "X"		
CURB, TYPE 2			
CURB & GUTTER, TYPE 1			
CURB & GUTTER, TYPE 2			
CURB & GUTTER, TYPE 3	C&G, TYPE "X"		
CURB OPENING - SUMP / ON GRADE			
CURB/SW OPENING - ADJACENT CURB			
CURB/SW OPENING - NON-ADJACENT CURB			
FENCE - CHAINLINK OR STRANDED			
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			
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	T 		
WALL - BRICK OR BLOCK	oooo		
WALL - STONE	oooooo		

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. 	
DRAINAGE JUNCTION BOX	J.B. 		
DRAINAGE MANHOLE	Ⓢ	●	
DRAINAGE PIPE AND FLOW ARROW	SIZE/TYPE LABEL ----->		
FLARED END SECTION			
RIPRAP - AREA FEATURE			
RIPRAP - LINEAR FEATURE			
SAFETY END STRUCTURE			
UNDERDRAIN			
UNDERDRAIN OUTLET			

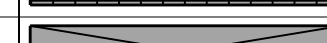
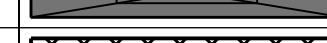
UTILITY FEATURES			
FEATURE DESCRIPTION	EXISTING		PROPOSED
COMMUNICATIONS DISTRIBUTION BOX			
COMMUNICATIONS MANHOLE			
COMMUNICATIONS TEST POINT			
COMMUNICATIONS - UNDERGROUND			
ELECTRIC - UNDERGROUND			
ELECTRIC MANHOLE			
ELECTRIC METER			
ELECTRIC TRANSFORMER			
GAS - UNDERGROUND			
GAS MANHOLE			
GAS METER			
GAS VALVE			
GAS PUMP - SERVICE STATION			
IRRIGATION - UNDERGROUND			
ITMS - UNDERGROUND			
LIGHTING - UNDERGROUND			
LUMINAIRE - POLE MOUNTED			
MANHOLE - UNDETERMINED OWNER			
RAILROAD TRACKS			
SANITARY - UNDERGROUND			
SANITARY SEWER MANHOLE			
SANITARY SEWER VALVE			
SANITARY SEWER CLEANOUT OR VENT			
SEPTIC DRAIN FIELD			
SIGNALIZATION - UNDERGROUND			
SOIL BORING LOCATION			
TELEPHONE BOOTH			
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 MARKER			
UTILITY POLE GUY WIRE ANCHOR			
UTILITY POLE			
UTILITY TEST HOLE LOCATION			
WATER - UNDERGROUND			
WATER - FIRE HYDRANT			
WATER METER			
WATER VALVE			
WELL HEAD			

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/BLOCK SURFACE	
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.)	
TURF REINFORCEMENT MAT, TYPE 1	

IDENTIFIERS	
FEATURE DESCRIPTION	ID
ABANDON BY CONTRACTOR	
ABANDON BY OTHERS	
ADJUST BY CONTRACTOR	
ADJUST BY OTHERS	
BEST MANAGEMENT PRACTICE	
BUS STOP PAD / TYPE	
BUS STOP WITH SHELTER PAD / TYPE	
CONCRETE SAFETY BARRIER	
CONVERT TO JUNCTION BOX	
CONVERT TO DRAINAGE MANHOLE	
DO NOT DISTURB	
ENERGY DISSIPATOR	
FILL WITH FLOWABLE FILL	
LANDSCAPE PLANTINGS	
PEDESTRIAN CONNECTION / TYPE	
PEDESTRIAN CONNECTION / TYPE WITHOUT DETECTABLE WARNING SYSTEM	
RELOCATE BY CONTRACTOR	
RELOCATE BY OTHERS	
RELOCATE BY PROPERTY OWNER	
REMOVE BY CONTRACTOR	
REMOVE BY OTHERS	
REMOVE BY TRAFFIC CONTRACTOR	
RIGHT-OF-WAY MONUMENT	

ADDENDA / REVISIONS	

NOT TO SCALE

OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2
--

CONTRACT T202120003	BRIDGE NO. 	N/A
COUNTY NEW CASTLE	DESIGNED BY: J. SINCLAIR	
	CHECKED BY: V. KOWALSKI	

LEGEND

SECTION WRA
SHEET NO. 4

GENERAL NOTES

1.

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", DATED JANUARY 2026 AND THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS", DATED 2026.
2.

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

(X)	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.
()	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.

3.

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

()	CROSS SECTIONS
X	RIGHT-OF-WAY PLANS (INCLUDED IN PLANS)
- PROJECT NOTES
- SECTION 100
1.

ANY DAMAGE TO ITEMS NOTED TO BE RELOCATED OR RESET BY THE CONTRACTOR, AT THE DISCRETION OF THE ENGINEER, SHALL BE REPAIRED AND/OR REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.

2.

THE CONTRACTOR WILL CONTACT THE DELAWARE TMC AT 302-659-4600 PRIOR TO ANY UNMANNED 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.

3.

A NIGHT WORK SURVEY OF ADJACENT PROPERTY OWNERS WAS CONDUCTED AND LOCAL NOISE ORDINANCES HAVE BEEN VERIFIED. NIGHT WORK IS PERMITTED ON THIS CONTRACT.
- SECTION 200
4.

ITEMS TO BE REMOVED UNDER ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:

a.

CONCRETE SUPPORT FOUNDATIONS FOR MISCELLANEOUS SMALL STRUCTURES NOT COVERED UNDER OTHER PAY ITEMS

b.

POLE BASES

c.

BRICK PAVERS

d.

GRANITE CURB

e.

LANDSCAPING ROCKS

5.

UNLESS OTHERWISE NOTED AS DO NOT DISTURB OR ADJUST BY CONTRACTOR/OTHERS, ALL EXISTING FEATURES, INCLUDING TREES, WITHIN THE PROPOSED LOC SHALL BE REMOVED BY THE CONTRACTOR AND PAID FOR UNDER THE RESPECTIVE BID ITEM. REMOVAL OF EXISTING STORM DRAIN PIPE SHALL BE PAID UNDER ITEM 202000 UNLESS NOTED WITH A FLOWABLE FILL IDENTIFIER, REMOVAL OF TREES AND SHRUBS SHALL BE PAID FOR UNDER 201000, AND REMOVAL OF ADDITIONAL EXISTING FEATURES SHALL BE PAID FOR UNDER ITEM 211000 AS NOTED IN SECTION 200 OF THE PROJECT NOTES.
- SECTION 600
6.

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 DELAWARE DEPARTMENT OF TRANSPORTATION'S TALLEY 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.

7.

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
8.

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.

9.

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.

10.

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
11.

THIS PROJECT IS COVERED UNDER AN NPDES GENERAL PERMIT FOR CONSTRUCTION. UNDER THE GENERAL PERMIT, COMPLIANCE WITH DELDOT'S APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS WILL CONSTITUTE COMPLIANCE WITH THE NPDES INDUSTRIAL PERMITTING REQUIREMENTS FOR THIS CONSTRUCTION PROJECT. A COPY OF THE NPDES GENERAL PERMIT AND NOI IS KEPT ON FILE IN EACH OF THE CONSTRUCTION OFFICES AND THE DEPARTMENT'S STORMWATER SECTION. A COPY OF THE GENERAL PERMIT OR THE NOI CAN BE OBTAINED UPON REQUEST FROM EITHER THE DEPARTMENT'S STORMWATER ENGINEER OR THE APPROPRIATE CONSTRUCTION ENGINEER.
- MISCELLANEOUS
12.

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.

13.

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.

14.

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;

1)

APPROVE THE USE OF THE PROPOSED STAGING AND STOCKPILE AREA(S);

2)

REJECT THE REQUEST; OR

3)

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.

15.

THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING CONDITIONS, LAYOUT DIMENSIONS, AND CLEARANCES THAT ARE SHOWN ON THE DRAWINGS PRIOR TO ANY CONSTRUCTION WORK. THE COST OF THIS ITEM SHALL BE INCIDENTAL TO ITEM 763501-CONSTRUCTION ENGINEERING.

16.

THE CONTRACTOR SHALL MARK THEIR NAME IN THE SIDEWALK, EITHER BY STAMPING OR BY IN 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 AT IN ACCORDANCE WITH THE WILMINGTON CODE OF ORDINANCES.

17.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL RESIDENTS AND BUSINESSES DURING CONSTRUCTION ACTIVITIES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL COSTS ARE INCIDENTAL TO THE CONTRACT.

18.

THE TIE-IN LIMITS FOR PRIVATE WALKWAY TRANSITION SLABS SHALL BE CONFIRMED BY THE ENGINEER IN THE FIELD. WHEN ADJACENT TO EXISTING STEPS, THE BOTTOM LANDING AREA SHALL REMAIN AND THE PROPOSED SIDEWALK SHALL TIE INTO A SAW CUT INTERFACE. ALL WALKWAY AND STAIR TIE-INS SHALL BE CONSTRUCTED TO PROVIDE A LANDING AREA IN ACCORDANCE WITH ADA GUIDELINES AND TO DRAIN PROPERLY. ALL EXISTING SIDEWALK REMOVAL REQUIRED TO INSTALL THE WALKWAY TRANSITION SLAB SHALL BE INCIDENTAL TO ITEM 211001. ALL EQUIPMENT AND MATERIALS REQUIRED TO INSTALL THE WALKWAY TRANSITION SLAB SHALL BE INCIDENTAL TO ITEM 705001.
19.

THE CONTRACTOR SHALL SAW CUT A MINIMUM 4" FROM THE FACE OF EXISTING STRUCTURES OR CURBS. THE REMAINING MATERIAL SHALL BE REMOVED BY HAND OR LEFT IN PLACE AS DIRECTED BY THE ENGINEER IN THE FIELD. CONTRACTOR SHALL PLACE AN EXPANSION JOINT BETWEEN THE EXISTING STRUCTURE OR CURB AND THE PROPOSED SIDEWALK. ALL COSTS ARE INCIDENTAL TO THE ITEMS BEING INSTALLED.

20.

THE CONTRACTOR SHOULD BE AWARE THAT THIS PROJECT FALLS WITHIN THE NATIONALLY REGISTERED BRANDYWINE VILLAGE HISTORIC DISTRICT.

21.

SIGNAL POLE BASE INSTALLATION AT THE INTERSECTION WITH N. MARKET ST. AND CONCORD AVE. MAY ENCOUNTER CONTAMINATED MATERIALS. OVERSIGHT DURING EXCAVATION MAY BE REQUIRED BY DELDOT'S ENVIRONMENTAL REPRESENTATIVE. PLEASE SEE ITEM 202560 FOR ADDITIONAL INFORMATION.

- PARCEL 26-022.30-302 - DNREC BROWNFIELD SITE

- PARCEL 26-022.30-270 - DNREC HSCA SITE

22.

WORKER SAFETY TRAINING AND PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS FOR EXCAVATION CONTRACTORS ARE:

a.

24-HOUR OSHA HAZWOPER TRAINING

b.

MODIFIED LEVEL D PERSONAL PROTECTIVE EQUIPMENT (HARD HATS, STEEL TOE BOOTS, NITRILE GLOVES, SAFETY VESTS).

23.

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 BY THE ENVIRONMENTAL REPRESENTATIVE 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.
24.

FIRE HYDRANTS AND WATER VALVES MARKED FOR RELOCATION SHALL BE POSITIONED AS DIRECTED BY THE CITY OF WILMINGTON WATER MAINTENANCE DEPARTMENT AND IN ACCORDANCE WITH CITY OF WILMINGTON WATER DIVISION STANDARD DETAILS AND SPECIFICATIONS. ALL WORK ASSOCIATED WITH RELOCATING EXISTING FIRE HYDRANTS SHALL BE INCIDENTAL TO ITEM 710041 - RELOCATING FIRE HYDRANT.

25.

BASED ON ARCHIVE PLANS THE EXSITNG PAVEMENT IS COMPOSITE.

26.

THE ADJUSTMENT OF VERIZON MANHOLES SHOULD BE PAID FOR UNDER 711500 - ADJUST AND REPAIR EXISTING SANITARY MANHOLE.
27.

VERIZON IS REQUESTING THAT THE CONTRACTOR CONDUCT THE FOLLOWING TEST HOLES ON VERIZON DUCT BANKS AND MANHOLES LISTED BELOW, PRIOR TO EXCAVATION. THESE TEST HOLES SHOULD BE PERFORMED IN ACCORDANCE WITH ASCE 38-22 USING NON-DESTRUCTIVE METHODS. THE TEST HOLES ARE ESSENTIAL TO DETERMINE WHETHER THE PROPOSED IMPROVEMENTS CONFLICT WITH EXISTING VERIZON FACILITIES.

a.

TEST HOLE #1 AT STA. 1301+24 16' LT. (18-WAY DUCT BANK CROSSING PROPOSED CURB & GUTTER)

b.

TEST HOLE #2 AT STA. 1301+72 18' LT. (18-WAY DUCT BANK CROSSING PROPOSED CURB & GUTTER)

c.

TEST HOLE #3 AT STA. 1301+14 20' RT. (10-WAY DUCT BANK CROSSING PROPOSED CURB & GUTTER)

d.

TEST HOLE #4 AT STA. 1212+50 16' LT. (10-WAY DUCT BANK CROSSING PROPOSED CURB & GUTTER)

e.

TEST HOLE #5 AT STA. 30+55 19' RT. (CORNER OF MANHOLE 184 AND PROPOSED CURB & GUTTER)

CONTRACTOR SHALL PERFORM THIS WORK AT THE START OF CONSTRUCTION AND RETURN THE TEST HOLE DATA TO THE ENGINEER FOR REVIEW.
28.

PRIOR TO WORK, THE CONTRACTOR SHALL CHECK COMMUNICATIONS MANHOLES WITHIN PROJECT LIMITS TO VERIFY UTILITY DEPTHS. CONTRACTOR SHALL NOTIFY THE ENGINEER IF POTENTIAL CONFLICTS WITH PROPOSED CURB WORK ARE IDENTIFIED. COST IS INCIDENTAL TO ITEM 763597 - UTILITY CONSTRUCTION ENGINEERING.

29.

THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF WILMINGTON FOR THE REMOVAL OF THE PRIVATE NORTHEAST WILMINGTON SIGN PRIOR TO THE START OF CONSTRUCTION.
- | ADDENDA / REVISIONS | | NOT TO SCALE | OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2 | CONTRACT
T202120003
COUNTY
NEW CASTLE | BRIDGE NO.
DESIGNED BY: J. SINCLAIR
CHECKED BY: V. KOWALSKI | N/A | NOTES | SECTION
WRA
SHEET NO.
5 |
|---------------------|--|--------------|--|--|---|-----|-------|----------------------------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
- 12-JUN-2026
12:18
N:\32147-011\CADDPW01_OBV2.dgn

LEGEND

(A)

ITEM 209006 - BORROW, TYPE F

(B)

ITEM 301001 - GABC

(C)

ITEM 301002- GABC, PATCHING

(D)

ITEM 401044 - SUPERPAVE, TYPE C, PG 64-22 (NON-CARBONATE STONE)

(E)

ITEM 401014 - SUPERPAVE, TYPE B, PG 64-22

(F)

ITEM 401029 - SUPERPAVE TYPE C, PG 64-22, PATCHING

(G)

ITEM 401030 - SUPERPAVE, TYPE B, PG 64-22, PATCHING

(H)

ITEM 701011- PCC CURB, TYPE 1-4

(I)

ITEM 701012- PCC CURB, TYPE 1-6

(J)

ITEM 701014 - PCC CURB, TYPE 2

(K)

ITEM 705001 - PCC SIDEWALK, 4"

(L)

ITEM 705005 - PCC SIDEWALK, 8"

(M)

ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT

(N)

ITEM 908004 - TOPSOIL, 6" DEPTH
ITEM 908016 - PERMANENT GRASS SEEDING, SUBDIVISION
ITEM 908026 - EROSION CONTROL MULCH

(P)

ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK

(Q)

ITEM 705521 - PATTERNED PCC SIDEWALK, 8"

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

NOTES:

1.

LATERAL OFFSET IS A MINIMUM OF 4' BEHIND THE FACE OF CURB ALONG THE ROADWAY AND 6' BEHIND THE FACE OF CURB AT INTERSECTIONS AND ENTRANCES.

2.

SEE CP AND GG SHEETS FOR CURB LAYOUT AND LOCATIONS OF SIDEWALK.

3.

SEE CONSTRUCTION DETAILS FOR BRICK BUFFER DETAILS.

4.

BUFFER SLOPE VARIES (6:1 MAX) IN LOCATIONS OF CURB EXTENSION TRANSITIONS.

5.

WHEN PROPOSED PAVEMENT WIDTH IS LESS THAN 4', USE PROPOSED PATCHING PAVEMENT ITEMS AT THE SAME DEPTH AS INDICATED ON TYPICAL SECTION.

12-JUN-2026
12:19
N:\322147-011\CAD\DT501_OBV2.dgn

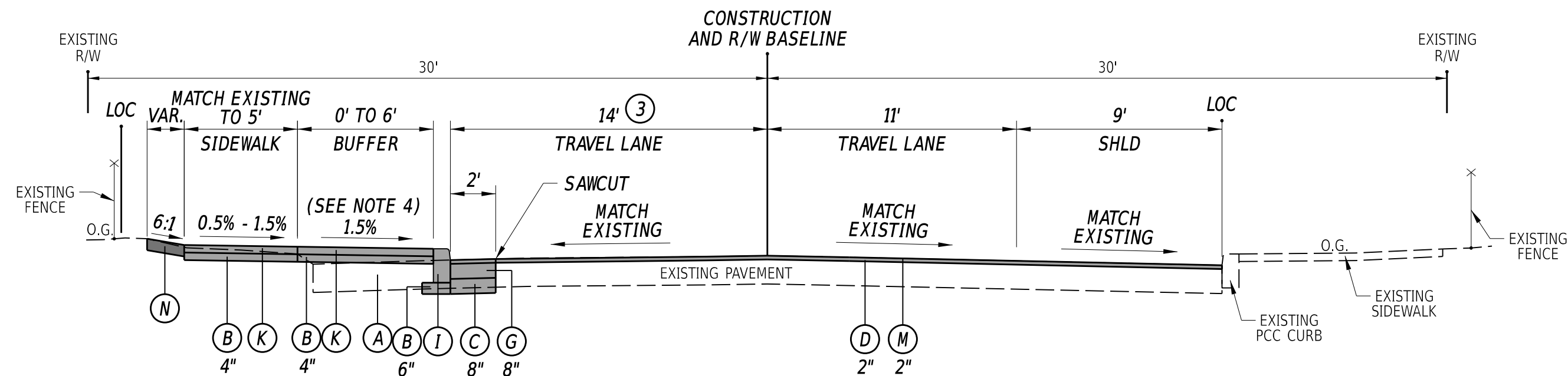
ADDENDA / REVISIONS	

NOT TO SCALE

OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2
--

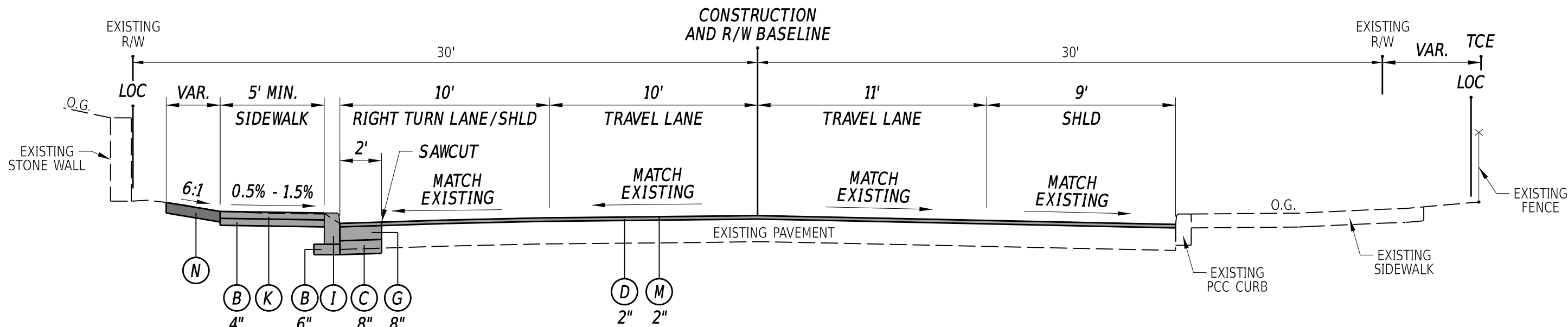
CONTRACT T202120003 COUNTY NEW CASTLE	BRIDGE NO. DESIGNED BY: J. SINCLAIR CHECKED BY: V. KOWALSKI	N/A
--	---	-----

TYPICAL SECTIONS
SECTION WRA SHEET NO. 6

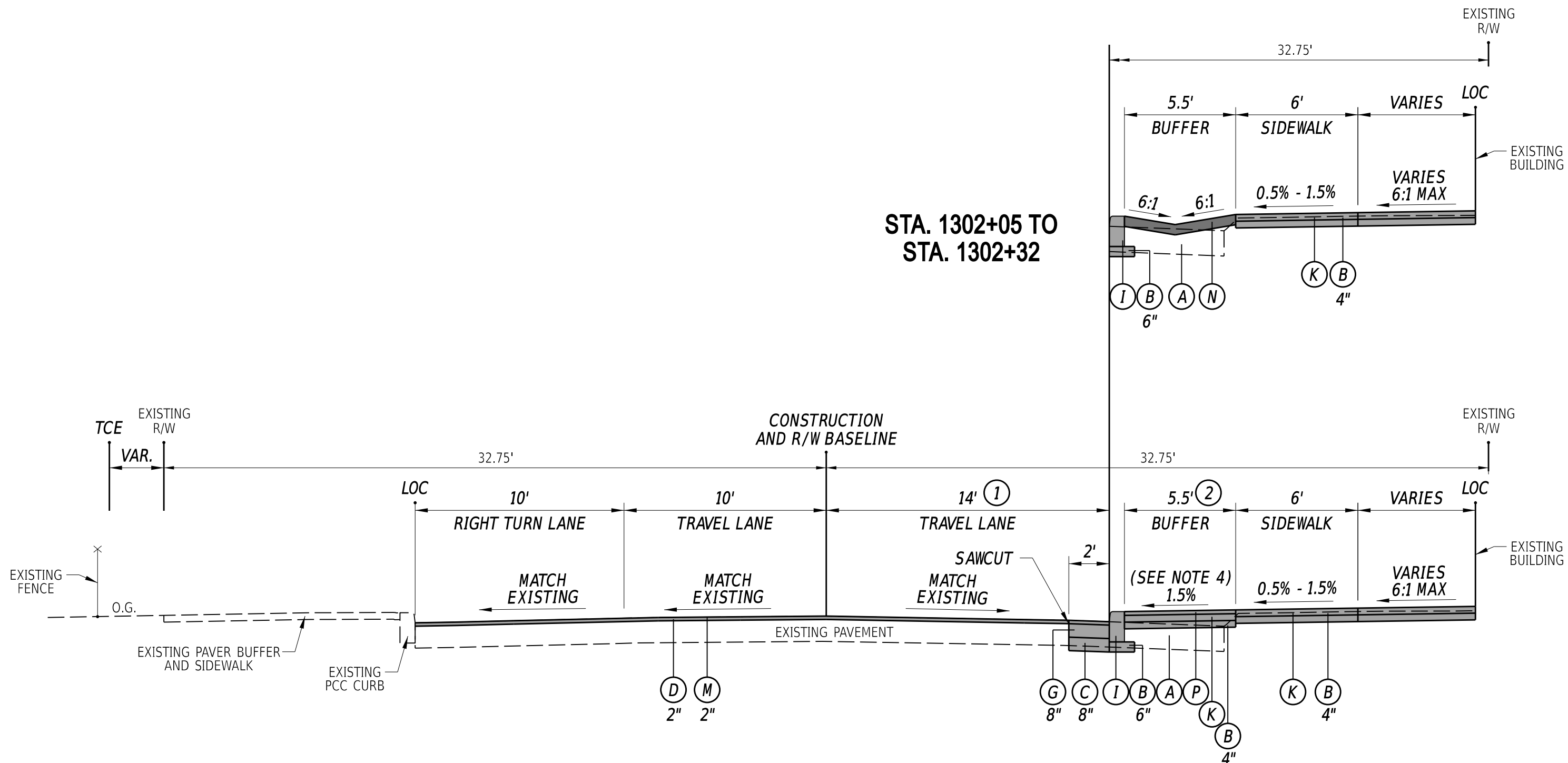


- ③ CURB MATCHES EXISTING FROM STA. 33+17 TO STA. 33+24.
CURB VARIES FROM MATCHING EXISTING TO 14' FROM STA. 33+24 TO STA. 33+34.

CONCORD AVE TYPICAL SECTION
STATION 33+17 TO STATION 33+94



CONCORD AVE TYPICAL SECTION
STATION 30+11 TO STATION 30+34



N MARKET ST TYPICAL SECTION
STATION 1302+00 TO STATION 1302+56

- ① CURB VARIES FROM TO 14' TO 20' FROM STA. 1302+44 TO STA. 1302+54.
② BUFFER TAPERS FROM 5.5' TO 5' FROM STA. 1302+44 TO STA. 1302+54.

LEGEND

- (A) ITEM 209006 - BORROW, TYPE F
(B) ITEM 301001 - GABC
(C) ITEM 301002- GABC, PATCHING
(D) ITEM 401044 - SUPERPAVE, TYPE C, PG 64-22 (NON-CARBONATE STONE)
(E) ITEM 401014 - SUPERPAVE, TYPE B, PG 64-22
(F) ITEM 401029 - SUPERPAVE TYPE C, PG 64-22, PATCHING
(G) ITEM 401030 - SUPERPAVE, TYPE B, PG 64-22, PATCHING
(H) ITEM 701011- PCC CURB, TYPE 1-4
(I) ITEM 701012- PCC CURB, TYPE 1-6
(J) ITEM 701014 - PCC CURB, TYPE 2
(K) ITEM 705001 - PCC SIDEWALK, 4"
(L) ITEM 705005 - PCC SIDEWALK, 8"
(M) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
(N) ITEM 908004 - TOPSOIL, 6" DEPTH
ITEM 908016 - PERMANENT GRASS SEEDING, SUBDIVISION
ITEM 908026 - EROSION CONTROL MULCH
(P) ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK
(Q) ITEM 705521 - PATTERNED PCC SIDEWALK, 8"

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

NOTES:

- LATERAL OFFSET IS A MINIMUM OF 4' BEHIND THE FACE OF CURB ALONG THE ROADWAY AND 6' BEHIND THE FACE OF CURB AT INTERSECTIONS AND ENTRANCES.
- SEE CP AND GG SHEETS FOR CURB LAYOUT AND LOCATIONS OF SIDEWALK.
- SEE CONSTRUCTION DETAILS FOR BRICK BUFFER DETAILS.
- BUFFER SLOPE VARIES (6:1 MAX) IN LOCATIONS OF CURB EXTENSION TRANSITIONS.
- WHEN PROPOSED PAVEMENT WIDTH IS LESS THAN 4', USE PROPOSED PATCHING PAVEMENT ITEMS AT THE SAME DEPTH AS INDICATED ON TYPICAL SECTION.

ADDENDA / REVISIONS

NOT TO SCALE

OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT

T202120003

COUNTY

NEW CASTLE

BRIDGE NO.

N/A

DESIGNED BY:

J. SINCLAIR

CHECKED BY:

V. KOWALSKI

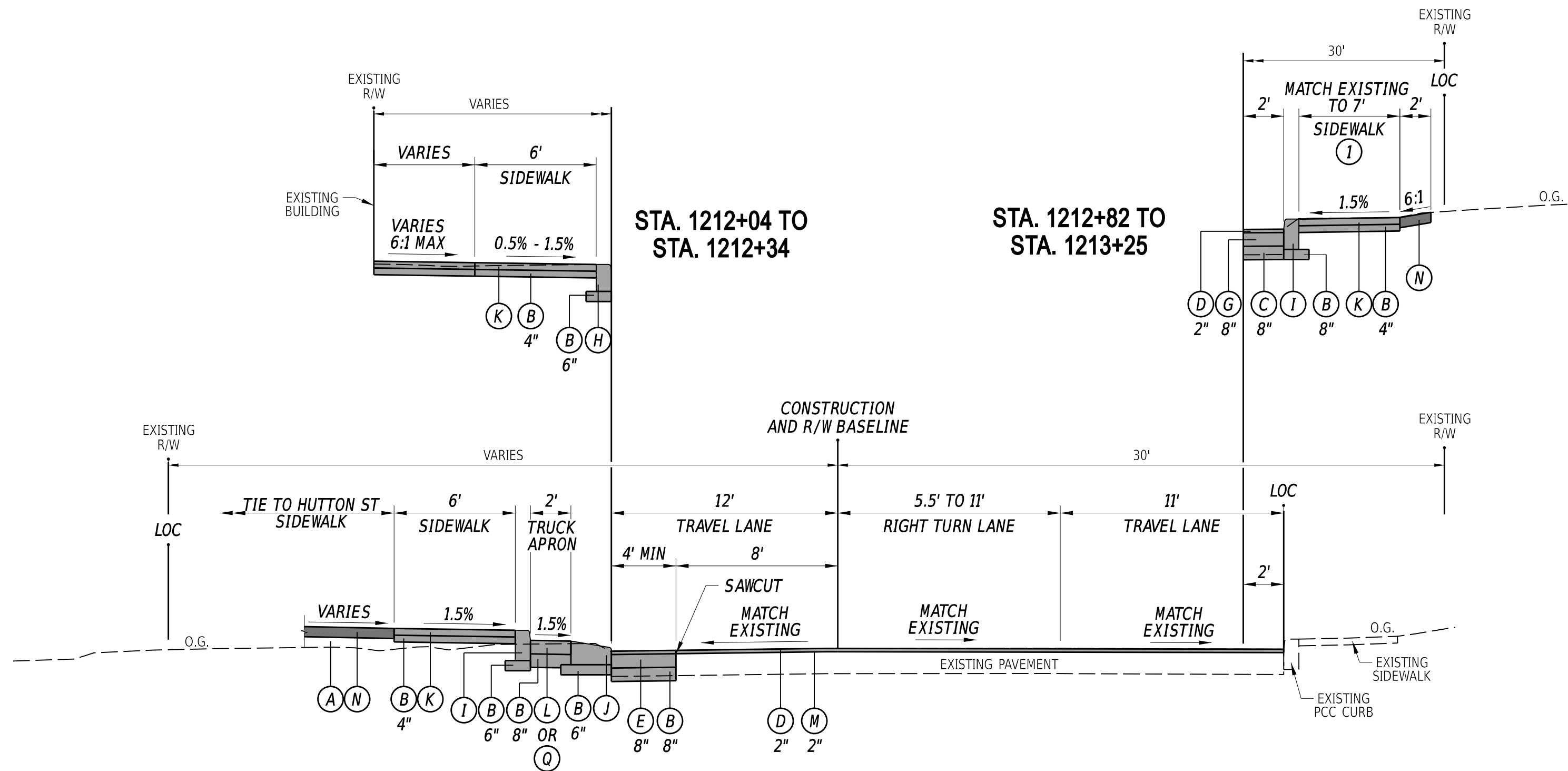
TYPICAL SECTIONS

SECTION

WRA

SHEET NO.

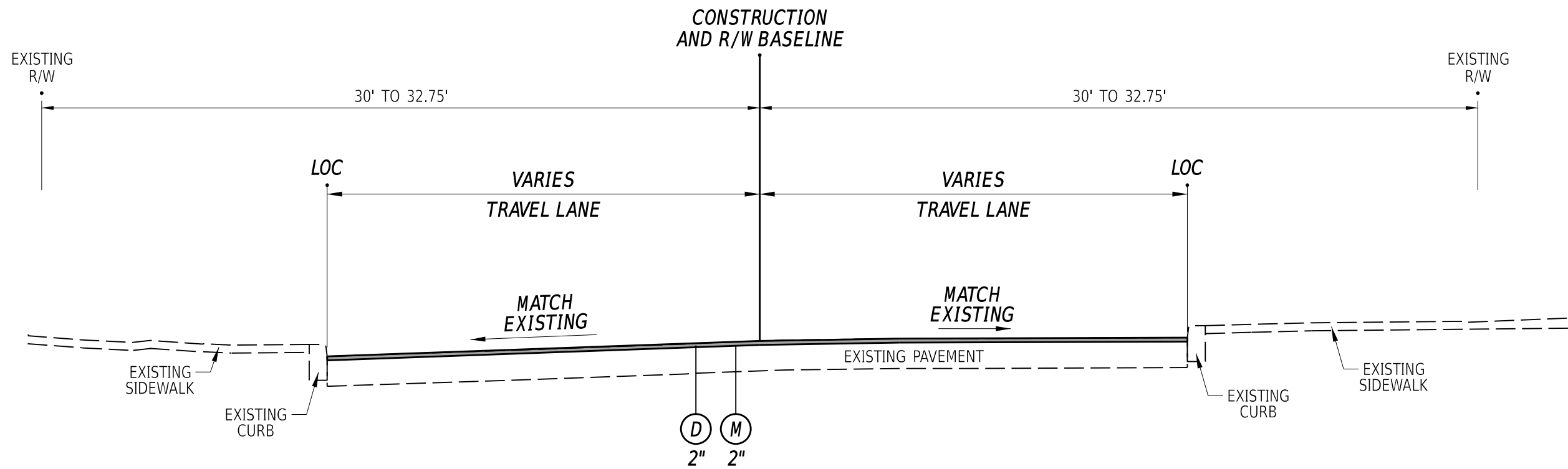
7



VANDEVER AVE TYPICAL SECTION
STATION 1212+04 TO STATION 1213+25

① SIDEWALK TIES TO EXISTING BUILDING FROM STA. 1213+06 TO STA. 1213+12.

SIDEWALK HAS 4.5' WIDE PINCH POINT AT CORNER OF EXISTING BUILDING.



MILL AND OVERLAY - TYPICAL SECTION
VANDEVER AVE - STATION 1211+50 TO STATION 1212+04
N MARKET ST - STATION 1300+25 TO STATION 1300+64
N MARKET ST - STATION 1302+56 TO STATION 1302+97
CONCORD AVE - STATION 30+34 TO STATION 33+17
CONCORD AVE - STATION 33+94 TO STATION 35+00

LEGEND

- (A) ITEM 209006 - BORROW, TYPE F
- (B) ITEM 301001 - GABC
- (C) ITEM 301002- GABC, PATCHING
- (D) ITEM 401044 - SUPERPAVE, TYPE C, PG 64-22 (NON-CARBONATE STONE)
- (E) ITEM 401014 - SUPERPAVE, TYPE B, PG 64-22
- (F) ITEM 401029 - SUPERPAVE TYPE C, PG 64-22, PATCHING
- (G) ITEM 401030 - SUPERPAVE, TYPE B, PG 64-22, PATCHING
- (H) ITEM 701011- PCC CURB, TYPE 1-4
- (I) ITEM 701012- PCC CURB, TYPE 1-6
- (J) ITEM 701014 - PCC CURB, TYPE 2
- (K) ITEM 705001 - PCC SIDEWALK, 4"
- (L) ITEM 705005 - PCC SIDEWALK, 8"
- (M) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (N) ITEM 908004 - TOPSOIL, 6" DEPTH
ITEM 908016 - PERMANENT GRASS SEEDING, SUBDIVISION
ITEM 908026 - EROSION CONTROL MULCH
- (P) ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK
- (Q) ITEM 705521 - PATTERNED PCC SIDEWALK, 8"

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

NOTES:

- LATERAL OFFSET IS A MINIMUM OF 4' BEHIND THE FACE OF CURB ALONG THE ROADWAY AND 6' BEHIND THE FACE OF CURB AT INTERSECTIONS AND ENTRANCES.
- SEE CP AND GG SHEETS FOR CURB LAYOUT AND LOCATIONS OF SIDEWALK.
- SEE CONSTRUCTION DETAILS FOR BRICK BUFFER DETAILS.
- BUFFER SLOPE VARIES (6:1 MAX) IN LOCATIONS OF CURB EXTENSION TRANSITIONS.
- WHEN PROPOSED PAVEMENT WIDTH IS LESS THAN 4', USE PROPOSED PATCHING PAVEMENT ITEMS AT THE SAME DEPTH AS INDICATED ON TYPICAL SECTION.

ADDENDA / REVISIONS

NOT TO SCALE

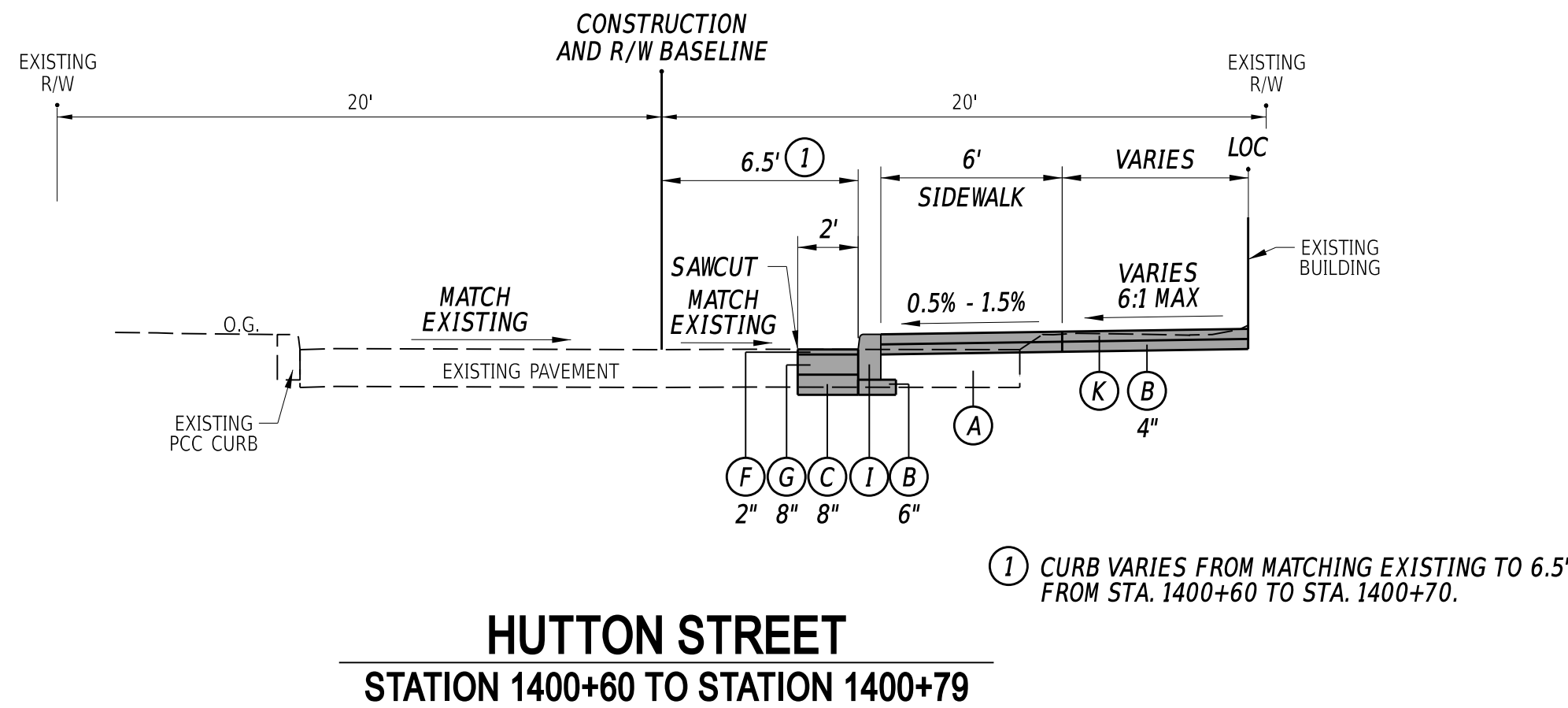
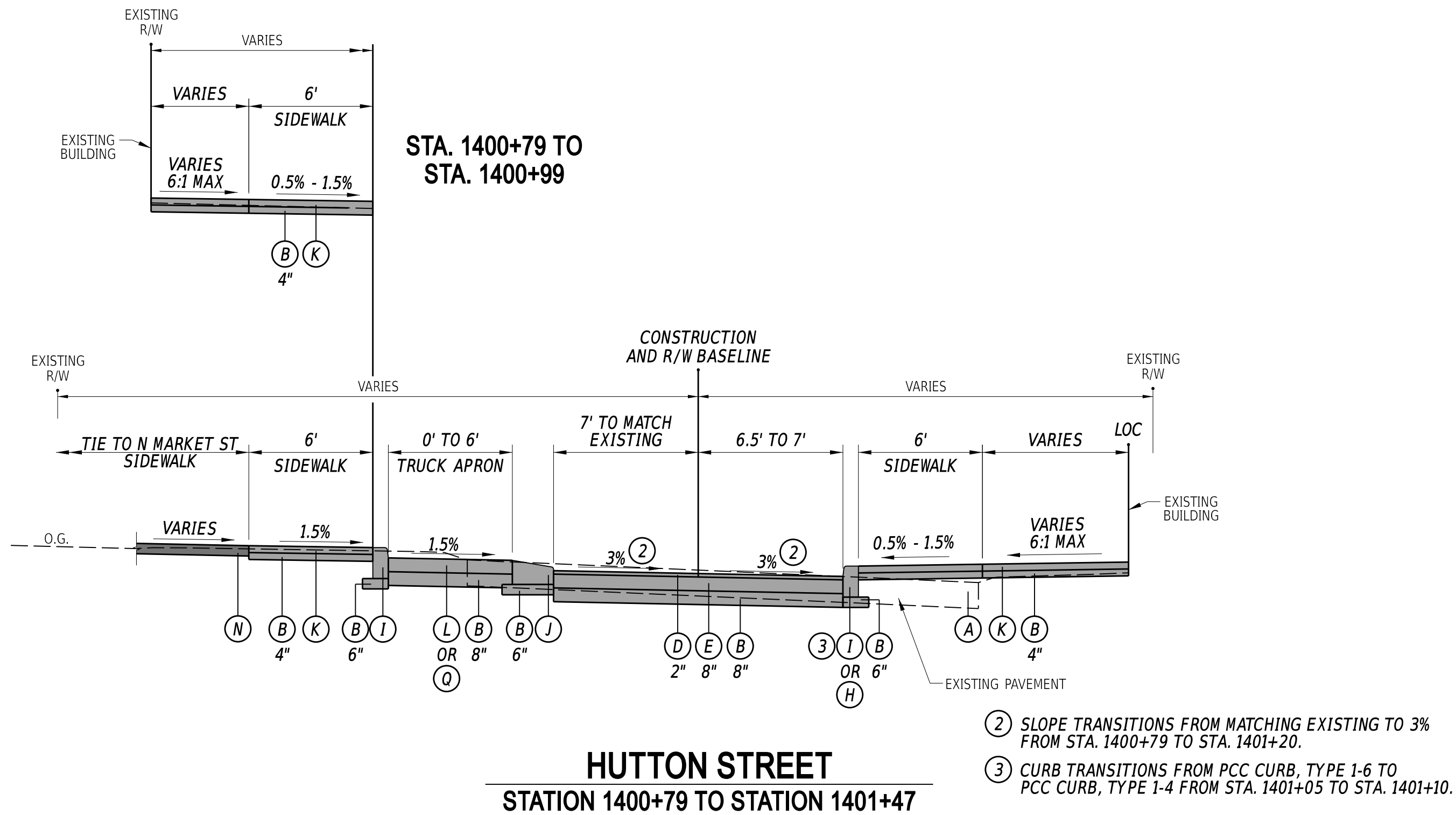
**OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2**

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

TYPICAL SECTIONS

SECTION
WRA
SHEET NO.
8

12-JUN-2026
12:19
N:\322147-011\CAADD\T504_OBV2.dgn



LEGEND

- (A) ITEM 209006 - BORROW, TYPE F
- (B) ITEM 301001 - GABC
- (C) ITEM 301002- GABC, PATCHING
- (D) ITEM 401044 - SUPERPAVE, TYPE C, PG 64-22 (NON-CARBONATE STONE)
- (E) ITEM 401014 - SUPERPAVE, TYPE B, PG 64-22
- (F) ITEM 401029 - SUPERPAVE TYPE C, PG 64-22, PATCHING
- (G) ITEM 401030 - SUPERPAVE, TYPE B, PG 64-22, PATCHING
- (H) ITEM 701011- PCC CURB, TYPE 1-4
- (I) ITEM 701012- PCC CURB, TYPE 1-6
- (J) ITEM 701014 - PCC CURB, TYPE 2
- (K) ITEM 705001 - PCC SIDEWALK, 4"
- (L) ITEM 705005 - PCC SIDEWALK, 8"
- (M) ITEM 760010 - PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT
- (N) ITEM 908004 - TOPSOIL, 6" DEPTH
- (O) ITEM 908016 - PERMANENT GRASS SEEDING, SUBDIVISION
- (P) ITEM 908026 - EROSION CONTROL MULCH
- (Q) ITEM 705504 - BRICK AND/OR BLOCK SIDEWALK
- (R) ITEM 705521 - PATTERNED PCC SIDEWALK, 8"

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

- NOTES:**
- LATERAL OFFSET IS A MINIMUM OF 4' BEHIND THE FACE OF CURB ALONG THE ROADWAY AND 6' BEHIND THE FACE OF CURB AT INTERSECTIONS AND ENTRANCES.
 - SEE CP AND GG SHEETS FOR CURB LAYOUT AND LOCATIONS OF SIDEWALK.
 - SEE CONSTRUCTION DETAILS FOR BRICK BUFFER DETAILS.
 - BUFFER SLOPE VARIES (6:1 MAX) IN LOCATIONS OF CURB EXTENSION TRANSITIONS.
 - WHEN PROPOSED PAVEMENT WIDTH IS LESS THAN 4', USE PROPOSED PATCHING PAVEMENT ITEMS AT THE SAME DEPTH AS INDICATED ON TYPICAL SECTION.

ADDENDA / REVISIONS

NOT TO SCALE

OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

TYPICAL SECTIONS

SECTION
WRA
SHEET NO.
9

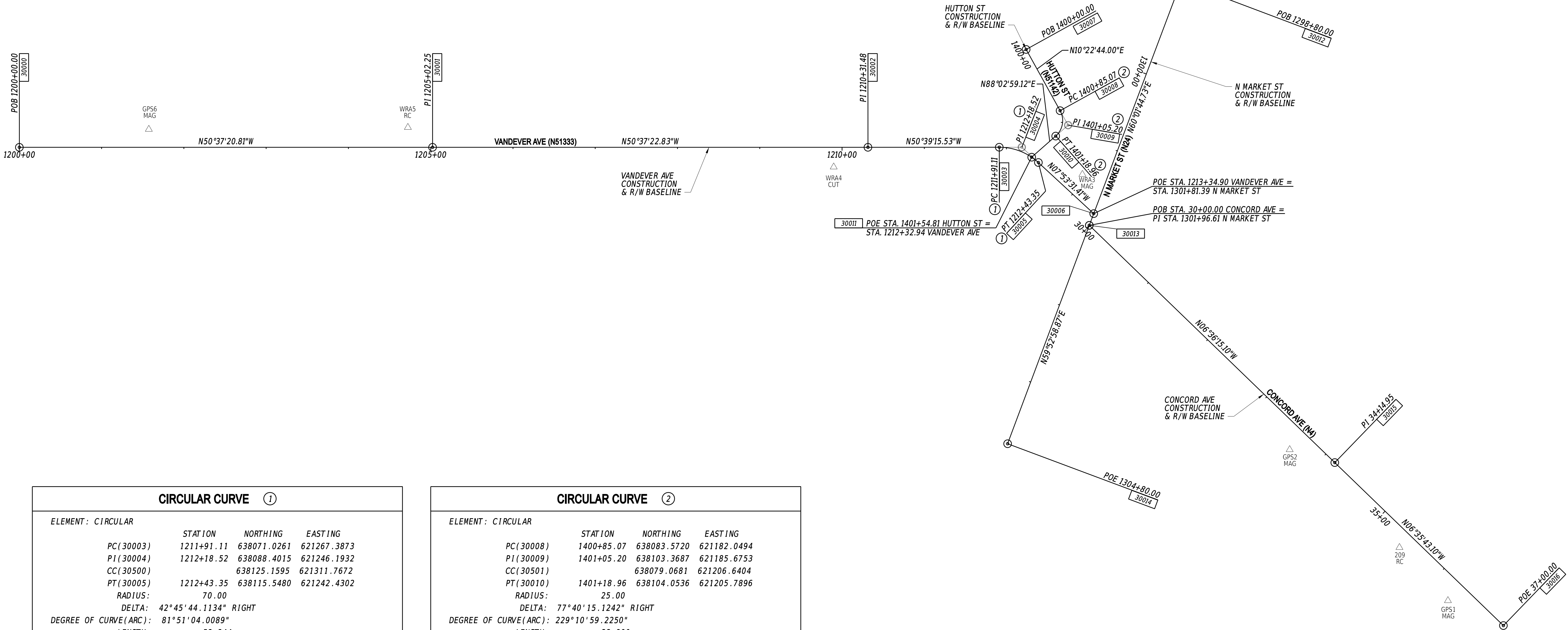
HORIZONTAL / VERTICAL CONTROL DATA					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEV.
GPS6	1201+57.36	-21.86'	637398.3601	622052.6457	33.59'
WRA5	1204+72.30	-24.14'	637596.4088	621807.7566	36.94'
WRA4	1209+89.86	23.96'	637961.9419	621438.2059	43.37'
WRA3	1212+92.12	33.09'	638160.6590	621210.2485	48.74'
GPS2	33+64.58	26.81'	638579.0690	621227.7484	68.24'
209	35+43.22	19.57'	638755.6863	621200.0241	77.11'
GPS1	36+30.46	25.06'	638842.9841	621195.4541	81.86'

CONSTRUCTION ALIGNMENT CONTROL VANDEVER AVE				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
30000	1200+00.00	0.00'	637315.4255	622188.1537
30001	1205+02.25	0.00'	637634.0672	621799.9230
30002	1210+31.48	0.00'	637969.8219	621390.8337
30006	1213+34.90	0.00'	638206.2232	621229.8608

CONSTRUCTION ALIGNMENT CONTROL HUTTON ST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
30007	1400+00.00	0.00'	637999.8938	621166.7235
30011	1401+54.81	0.00'	638105.3759	621244.6210

CONSTRUCTION ALIGNMENT CONTROL N MARKET ST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
30012	1298+80.00	0.00'	638055.6603	620968.7721
30013	1301.96.61	0.00'	638213.8256	621243.0439
30014	1304+80.00	0.00'	638356.0219	621488.1778

CONSTRUCTION ALIGNMENT CONTROL CONCORD AVE				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
30015	34+14.95	0.00'	638626.0243	621195.3203
30016	37+00.00	0.00'	638909.1857	621162.5809



CIRCULAR CURVE ①				
ELEMENT: CIRCULAR				
	STATION	NORTHING	EASTING	
PC(30003)	1211+91.11	638071.0261	621267.3873	
PI(30004)	1212+18.52	638088.4015	621246.1932	
CC(30500)		638125.1595	621311.7672	
PT(30005)	1212+43.35	638115.5480	621242.4302	
RADIUS:	70.00			
DELTA:	42°45'44.1134" RIGHT			
DEGREE OF CURVE(ARC):	81°51'04.0089"			
LENGTH:	52.244			
TANGENT:	27.406			
CHORD:	51.040			
MIDDLE ORDINATE:	4.818			
EXTERNAL:	5.174			
TANGENT DIRECTION:	N50°39'15.53"W			
RADIAL DIRECTION:	N39°20'44.47"E			
CHORD DIRECTION:	N29°16'23.47"W			
RADIAL DIRECTION:	N82°06'28.59"E			
TANGENT DIRECTION:	N07°53'31.41"W			

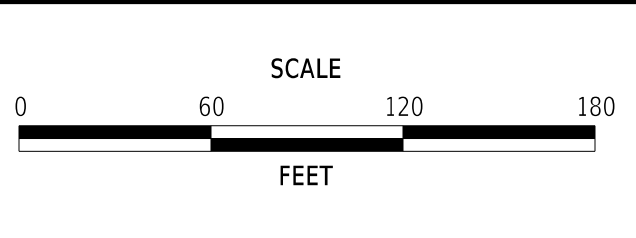
CIRCULAR CURVE ②				
ELEMENT: CIRCULAR				
	STATION	NORTHING	EASTING	
PC(30008)	1400+85.07	638083.5720	621182.0494	
PI(30009)	1401+05.20	638103.3687	621185.6753	
CC(30501)		638079.0681	621206.6404	
PT(30010)	1401+18.96	638104.0536	621205.7896	
RADIUS:	25.00			
DELTA:	77°40'15.1242" RIGHT			
DEGREE OF CURVE(ARC):	229°10'59.2250"			
LENGTH:	33.890			
TANGENT:	20.126			
CHORD:	31.354			
MIDDLE ORDINATE:	5.526			
EXTERNAL:	7.094			
TANGENT DIRECTION:	N10°22'44.00"E			
RADIAL DIRECTION:	S79°37'16.00"E			
CHORD DIRECTION:	N49°12'51.56"E			
RADIAL DIRECTION:	S01°57'00.88"E			
TANGENT DIRECTION:	N88°02'59.12"E			

DATUM REFERENCE:
THIS PROJECT IS REFERENCED TO THE DELAWARE STATE
PLANE COORDINATE SYSTEM NAD'83 (NSRS2007) NAVD'88.
(THIS TRAVERSE TIED TO THE CONCORD AVENUE PROJECT T201020009)

JU0786 - ELEV. 17.4214 FEET.
JU4140 - ELEV. 177.240 FEET.

12-JUN-2026
12:19
N:\322147-011\ICADD\HW01_C0B\2.dgn

ADDENDA / REVISIONS	



OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

HORIZONTAL AND VERTICAL CONTROL	
SECTION	WRA
SHEET NO.	10

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
100	PCC CURB, TYPE 1-6	39'
101	PCC CURB, TYPE 1-6	192'
102	PCC CURB, TYPE 1-6	96'
103	PCC CURB, TYPE 1-4	66'
104	PCC CURB, TYPE 1-6	100'
105	PCC CURB, TYPE 2	165'

- NOTES:
- LATERAL OFFSET IS A MINIMUM OF 4' BEHIND THE FACE OF CURB ALONG THE ROADWAY AND 6' BEHIND THE FACE OF CURB AT INTERSECTIONS AND ENTRANCES.
 - CONTRACTOR SHALL PROTECT EXISTING STAIRS, FENCES, BILCO DOORS, AND STONE OR CONCRETE WALLS NOTED WITH DND DURING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGES.
 - CURB OPENINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS AND DELDOT STANDARD NO. C-4. PAYMENT SHALL BE MADE UNDER ITEM NO. 701031 - CURB OPENING, 2' OPENING. TURF REINFORCEMENT MAT SHALL BE PLACED WHERE APRON IS SHOWN IN DELDOT STANDARD NO. C-4.
 - CONTRACTOR SHALL ENSURE THAT POSITIVE CONVEYANCE FROM CURB OPENING TO DRAINAGE INLET IS ACHIEVED. ALL OPEN AREAS ENCOMPASSED BETWEEN THE BACK OF CURB AND SIDEWALK SHALL ALSO BE GRADED TO DRAIN TO THE INLET WITH A MAXIMUM DROP OF 6" FROM SIDEWALK OR TOP OF CURB TO TOP OF GRADE.
 - SEE CONSTRUCTION DETAILS FOR GUIDANCE TO INSTALL PROPOSED SIDEWALK AROUND EXISTING STREET LAMPS AND UTILITY POLES MARKED AS DND.
 - DEPRESS PROPOSED TYPE 2 CURB WITHIN LIMITS OF PEDESTRIAN CROSSING.
 - REPLACE SIDEWALK PANELS IN KIND AS REQUIRED FOR CONDUIT INSTALLATION.

ADDENDA / REVISIONS

MATCH LINE STA. 31+25

26-022.30-302
MINISTRY OF CARING, INC.
DR 20171211-0064477
PB 20171106-0058030

26-022.30-459
MINISTRY OF CARING, INC.
DR 20171211-0064478
PB 20171106-0058030

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

ACCESS EASEMENT PER
MT. 10171024-005164

SCALE
0 20 40 60
FEET

OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2

CONTRACT
T202120003
COUNTY
NEW CASTLE

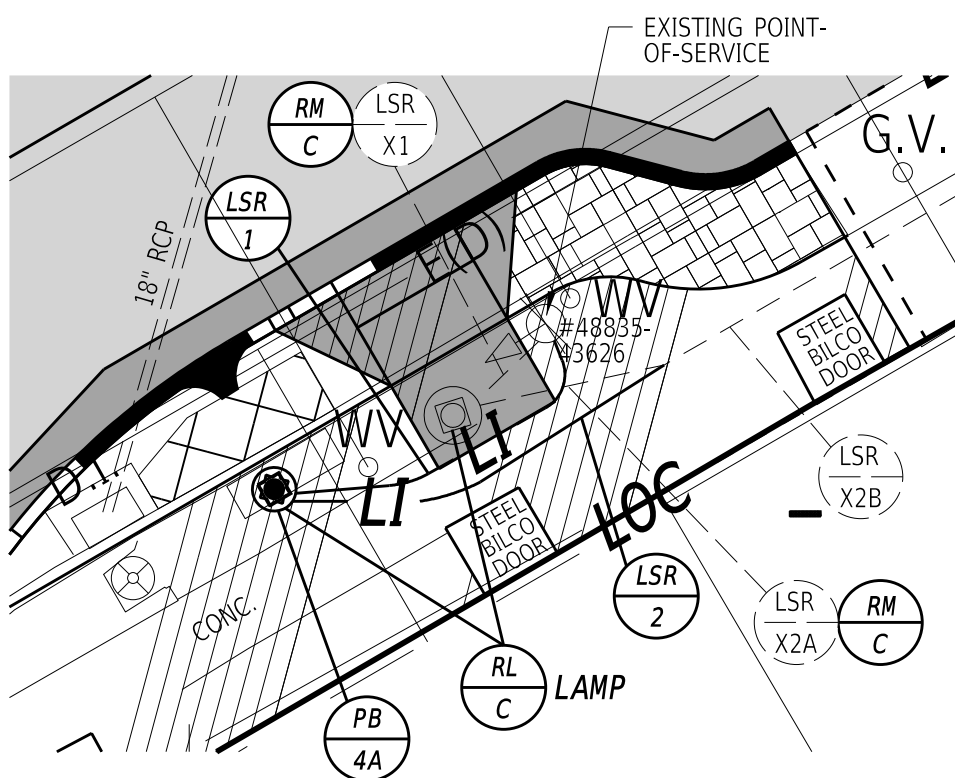
BRIDGE NO.
N/A
DESIGNED BY: J. SINCLAIR
CHECKED BY: V. KOWALSKI

CONSTRUCTION PLANS

CP-01
SECTION
WRA
SHEET NO.
11

LAMP RELOCATION DETAIL

SCALE: 1" = 10'



LIGHTING SERVICE SCHEDULE

CO NO.	NO. OF CONDUITS	SIZE/TYPE	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF CABLE / WIRE
1	1	2" -RGS	18'	TRENCH	(2) #6, (1) #6 GROUND
2	1	2" -RGS	22'	TRENCH	(2) #6, (1) #6 GROUND
X2B*	1	2" -RGS	70'	-	(2) #6, (1) #6 GROUND

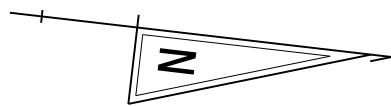
* DENOTES EXISTING CONDUIT

LAMP RELOCATION NOTES:

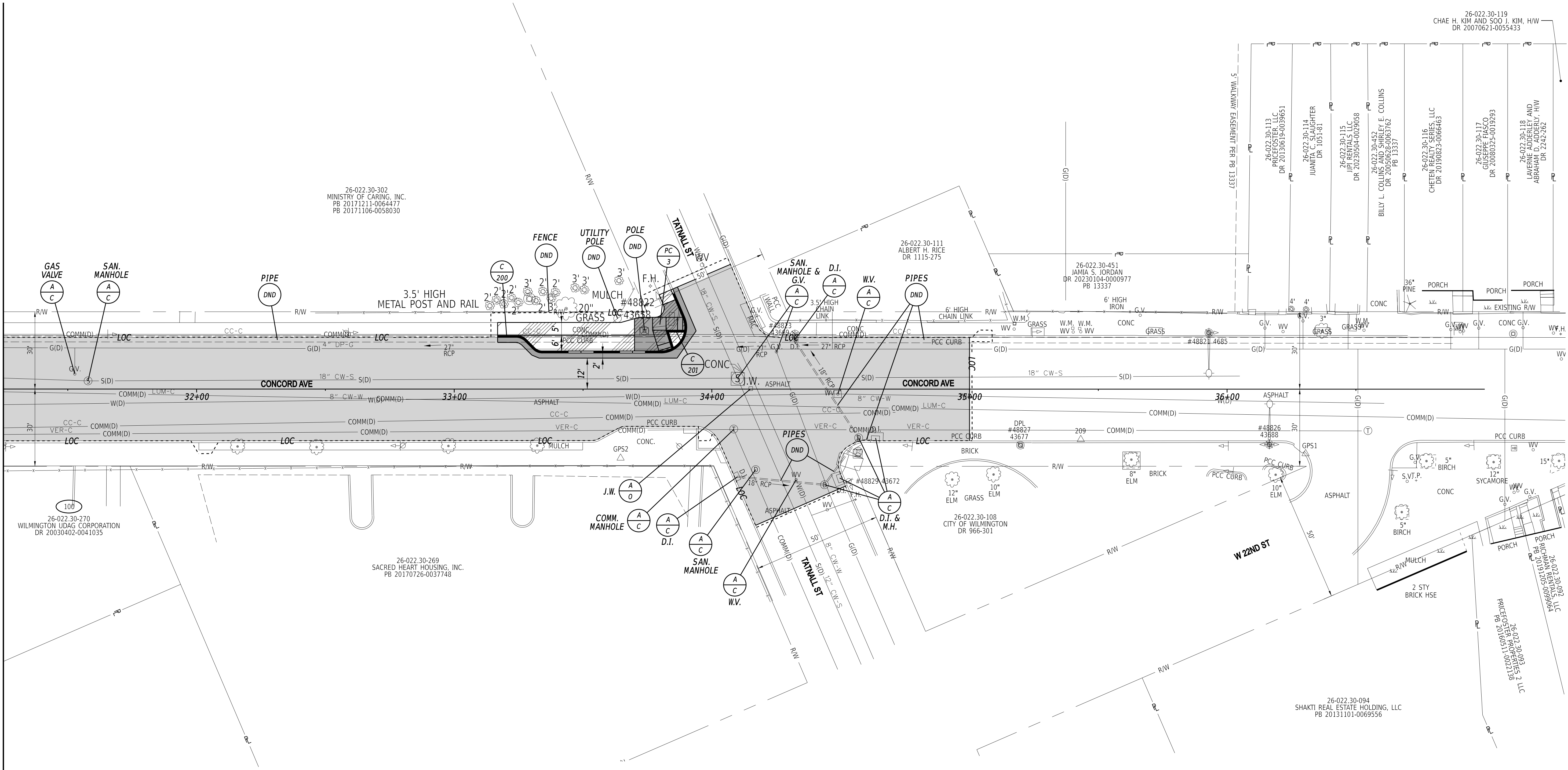
- SEE POLE BASE DETAILS ON SHEET DT-02. THE CONTRACTOR SHALL VERIFY THE PROPOSED ANCHOR BOLTS AND BOLT PATTERN ARE COMPATIBLE WITH THE EXISTING LIGHT POST PRIOR TO POURING THE POLE BASE.
- THE CONTRACTOR SHALL REMOVE THE EXISTING WIRING IN LSR-X1 AND LSR-X2A/X2B BETWEEN THE POLE-MOUNTED CONDUIT AT THE SERVICE POINT AND THE ADJACENT LIGHT POST NEAR STA. 1303+08. THE CONTRACTOR SHALL INTERCEPT THE POLE-MOUNTED SERVICE DROP WITH PROPOSED LSR-1. THE CONTRACTOR SHALL INTERCEPT EXISTING LSR-X2A/X2B WITH PROPOSED LSR-1 AND INSTALL NEW WIRING FROM THE CONDUIT, TO THE RELOCATED LIGHT POST, TO THE EXISTING LIGHT POST NEAR STA. 1303+08. ALL SPLICES ARE INCIDENTAL TO THE WIRING ITEMS.
- THE CONTRACTOR SHALL RELOCATE THE EXISTING LIGHT POST AND LUMINAIRE TO THE NEW POLE BASE IN ACCORDANCE WITH ITEM 831007. THE EXISTING POLE BASE AND CONDUITS (LSR-X1 AND LSR-X2A) SHALL BE REMOVED IN ACCORDANCE WITH ITEM 211000.

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
200	PCC CURB, TYPE 1-6	97'
201	PCC CURB, TYPE 1-6	17'

- NOTES:
1. LATERAL OFFSET IS A MINIMUM OF 4' BEHIND THE FACE OF CURB ALONG THE ROADWAY AND 6' BEHIND THE FACE OF CURB AT INTERSECTIONS AND ENTRANCES.
 2. CONTRACTOR SHALL PROTECT EXISTING STAIRS, FENCES AND STONE OR CONCRETE WALLS NOTED WITH DND DURING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGES.

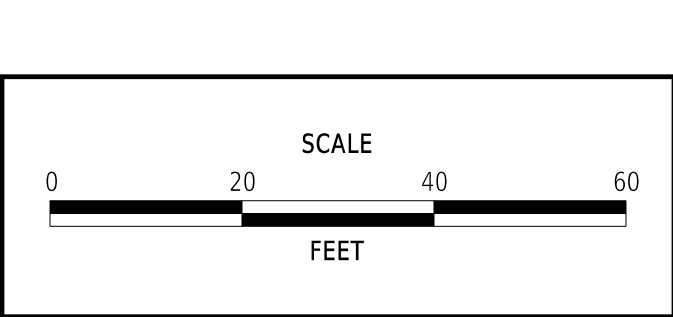


MATCH LINE STA. 31+25



12-JUN-2026
12:19
N:\322147-011\CADD\CP02_OBV2.dgn

ADDENDA / REVISIONS	

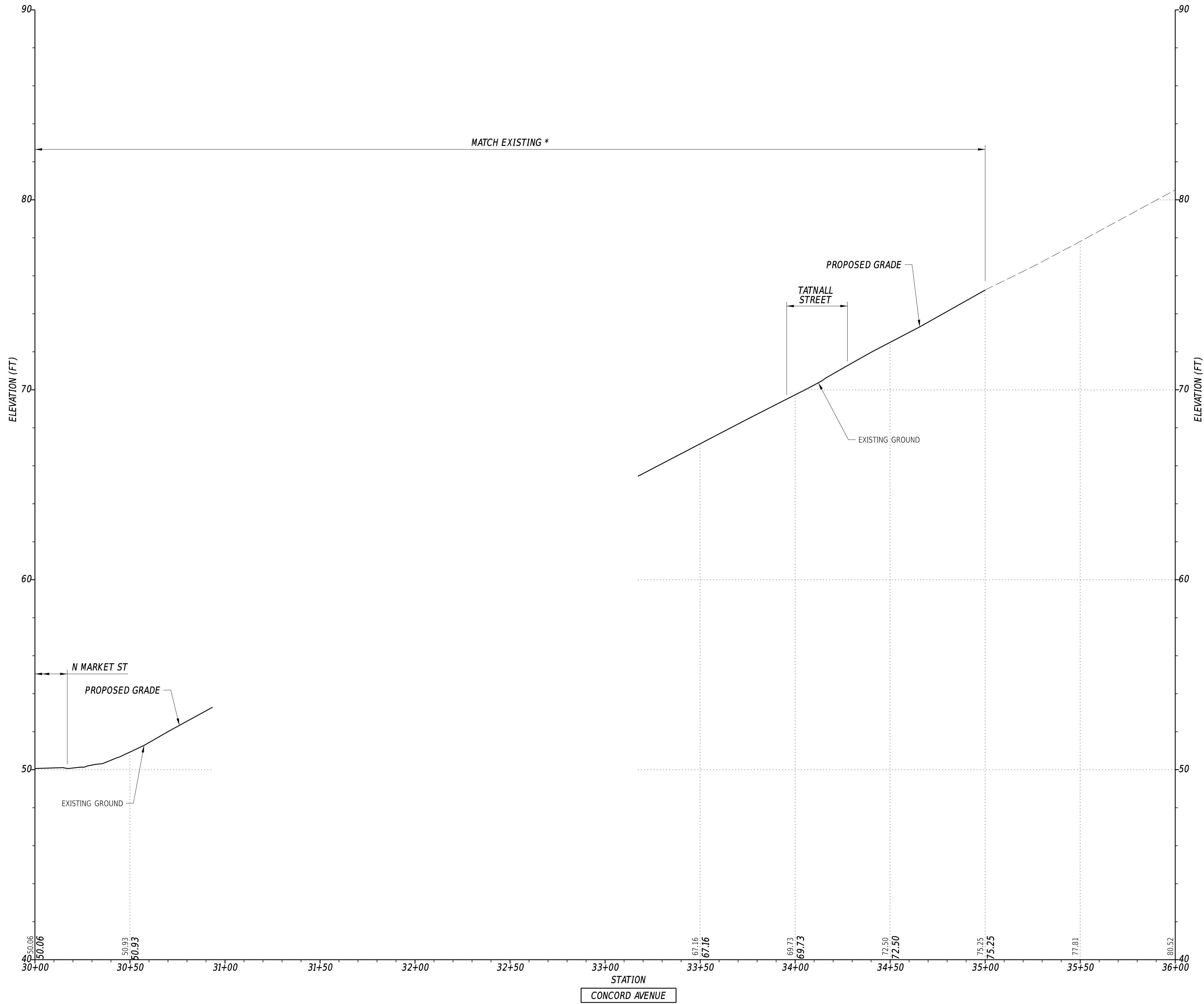


OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

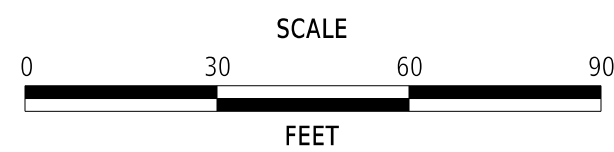
CONSTRUCTION PLANS	
SECTION	CP-02
WRA	
SHEET NO.	12

6/12/2026
12:19:09 PM
N:\32147-011\CADD\PF01_OBV2.dgn



*ENTIRE LIMITS OF CONCORD AVENUE ROADWAY NOT SURVEYED FOR DESIGN.
MATCH EXISTING SURFACE ELEVATIONS THROUGH LIMITS OF MILL AND OVERLAY,
AS SHOWN ON PLANS

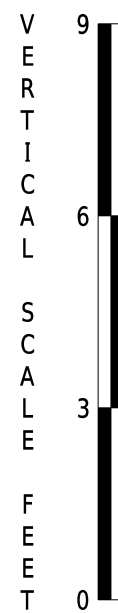
ADDENDA / REVISIONS



**OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2**

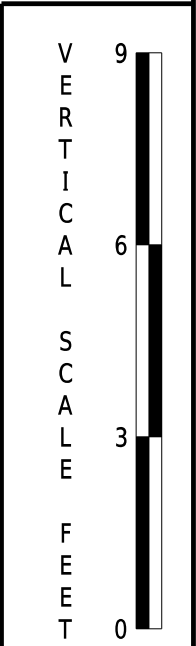
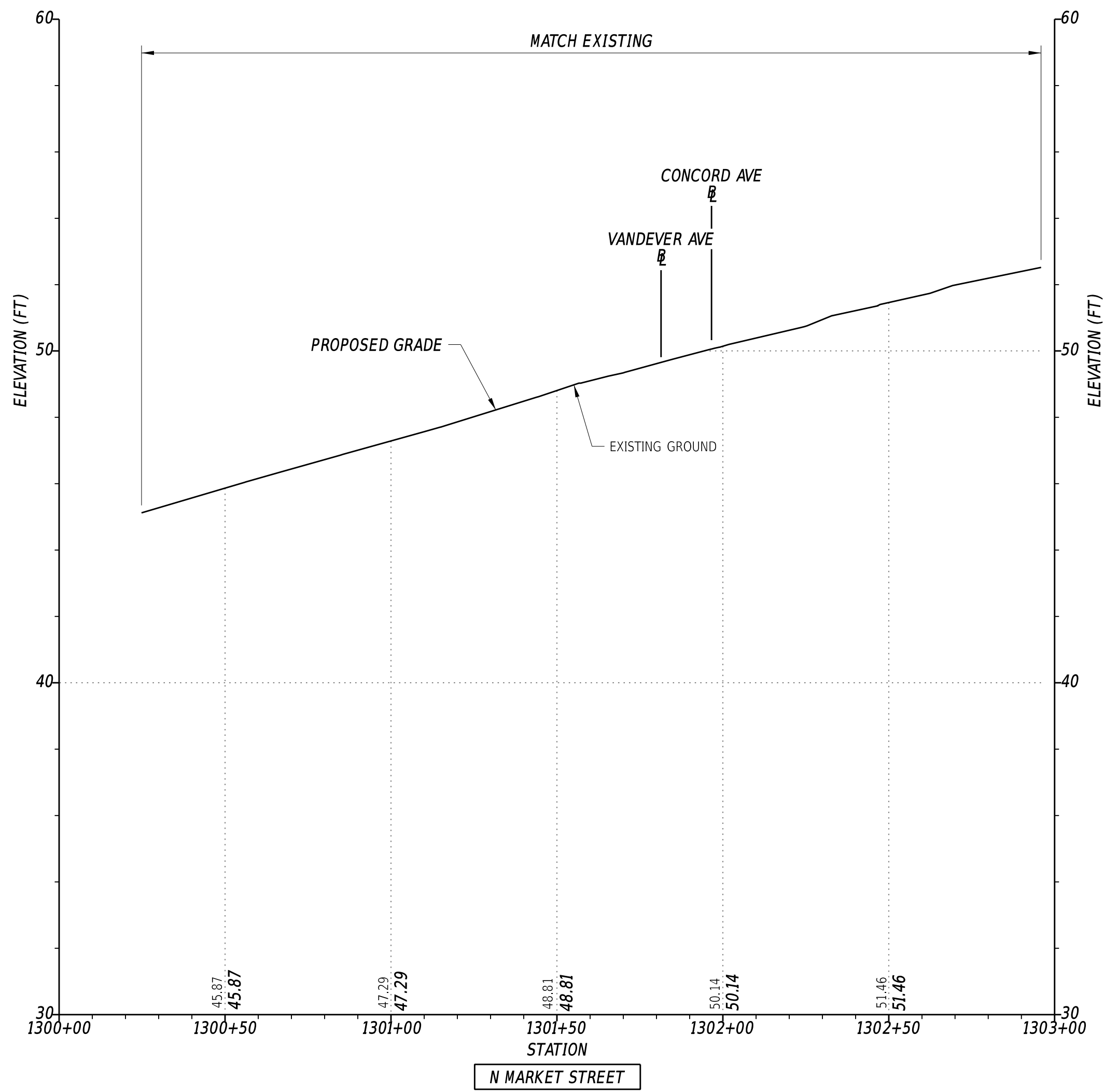
CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

PROFILES

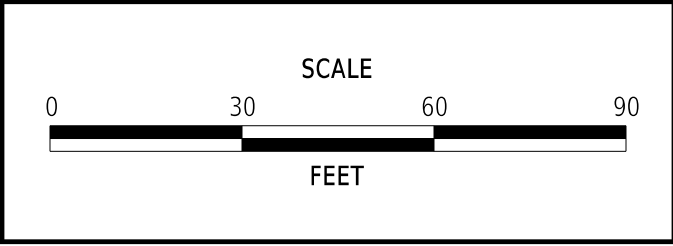


SECTION
WRA
SHEET NO.
13

12-JUN-2026
12:19
N:\32147-011\CADD\PF02_OBV2.dgn



ADDENDA / REVISIONS	

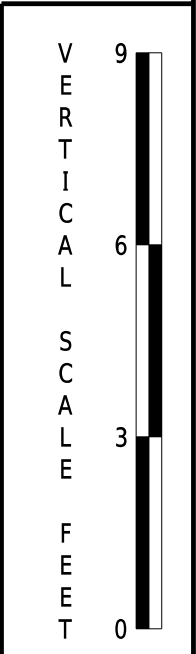
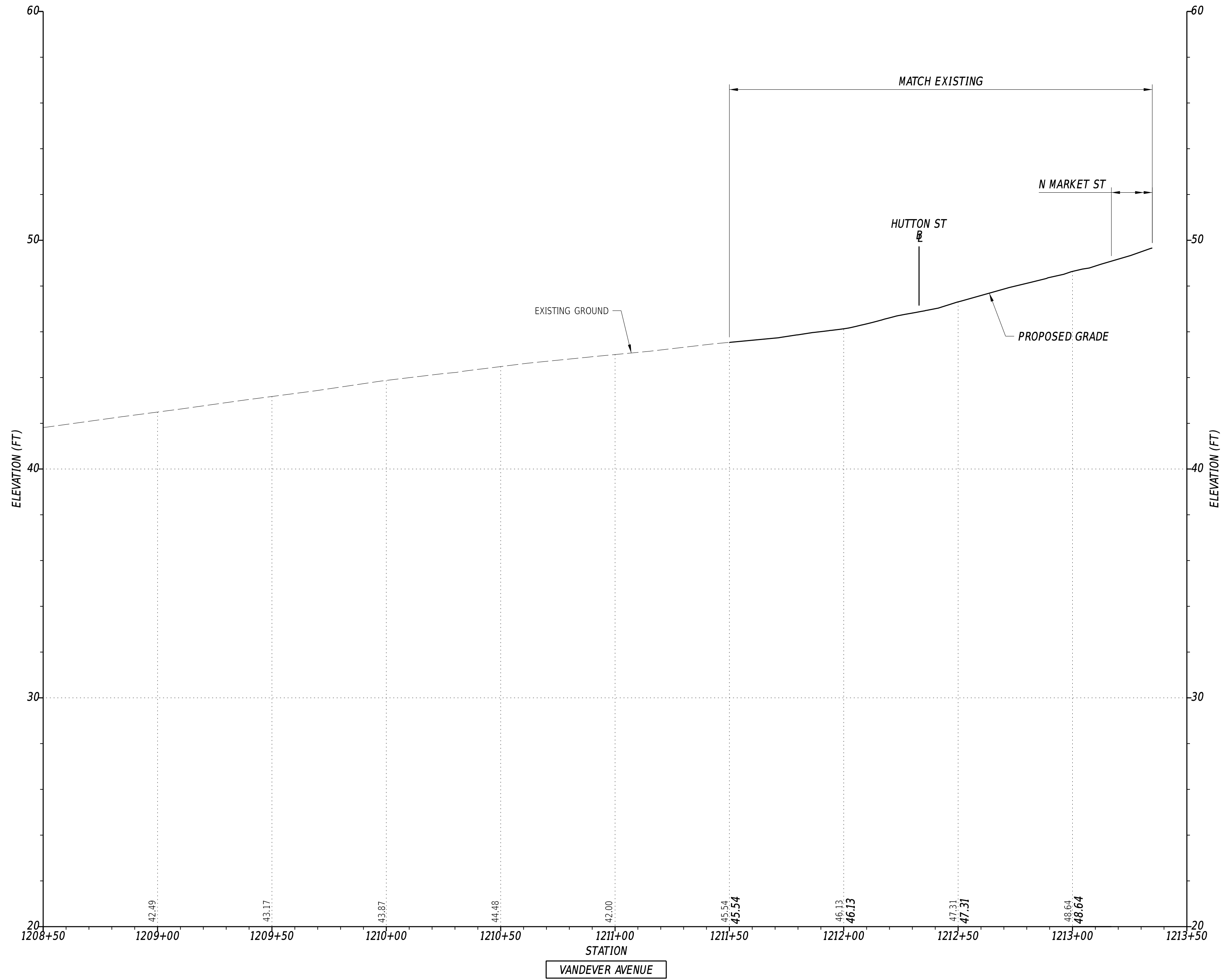


OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2

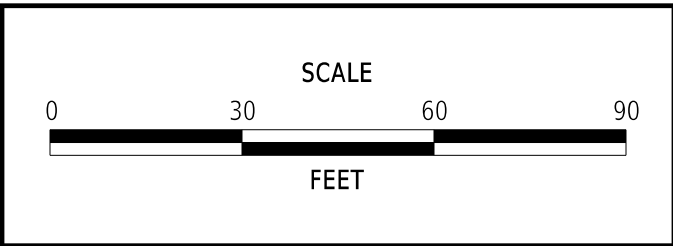
CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

PROFILES	SECTION
	WRA
	SHEET NO. 14

12-JUN-2026
12:19
N:\322147-011\CADD\PF03_OBV2.dgn



ADDENDA / REVISIONS	

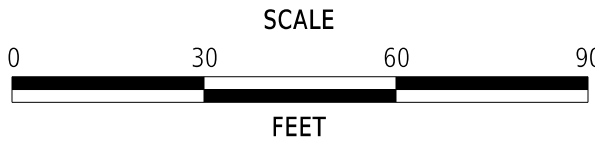
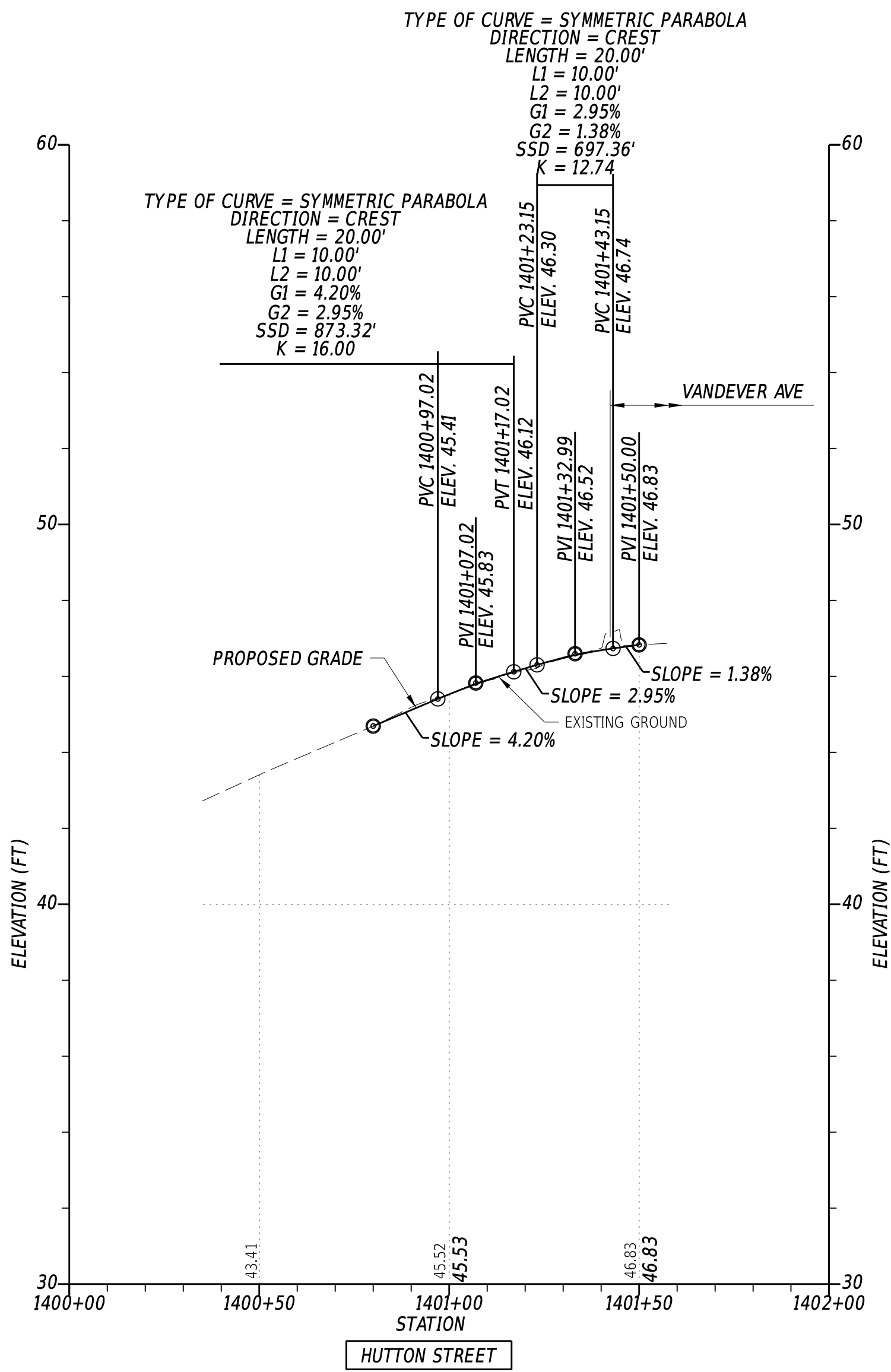


OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

PROFILES	SECTION
	WRA
	SHEET NO.
	15

12-JUN-2026
12:19
N:\322147-011\CADD\PF04_OBV2.dgn

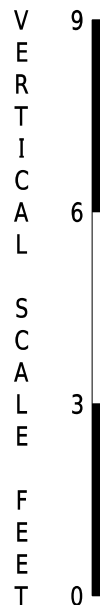


OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

PROFILES

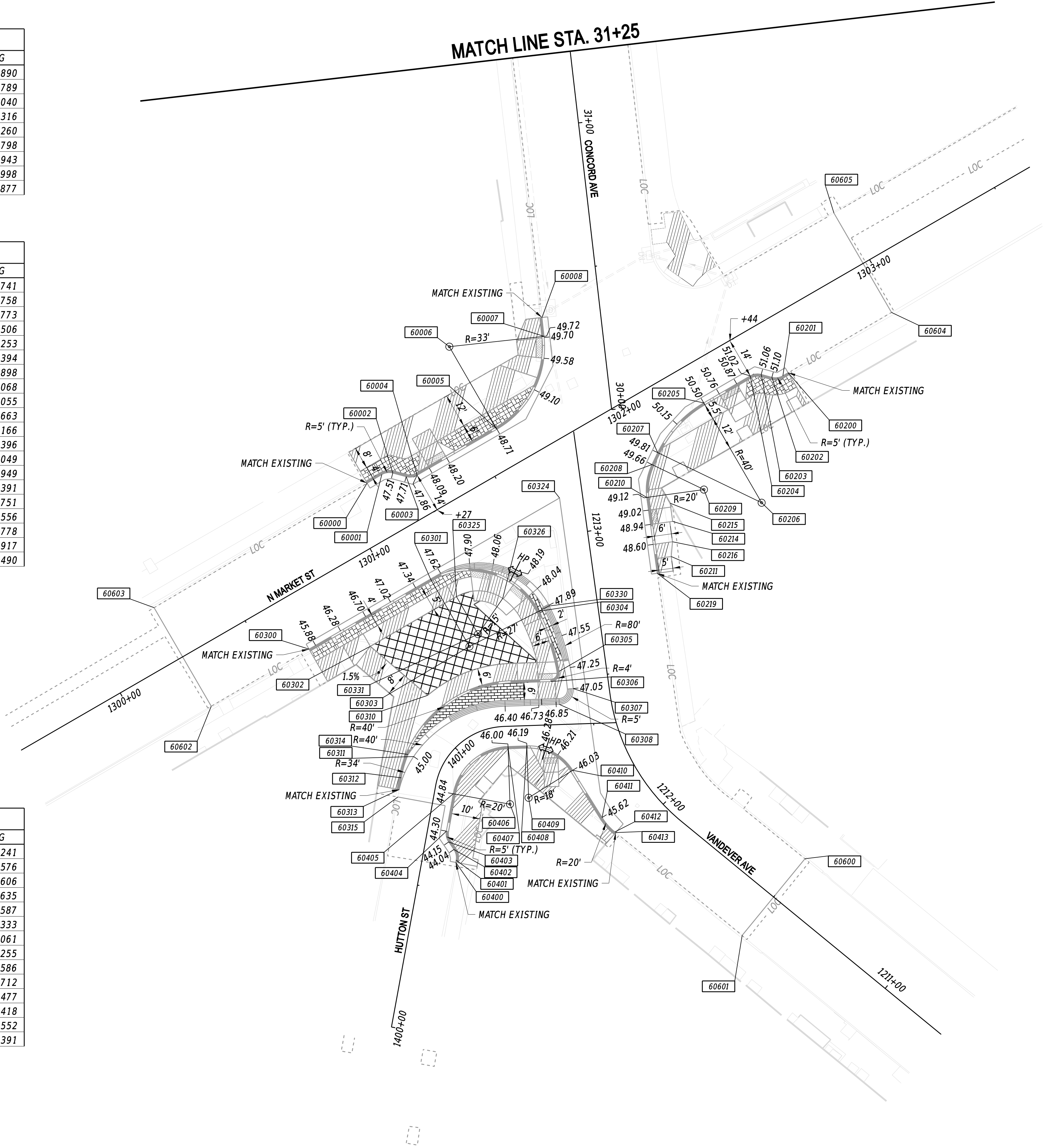
SECTION
WRA
SHEET NO.
16



COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60000	1301+10.46	-20.27'	638188.3543	621158.2890
60001	1301+16.36	-20.32'	638191.3380	621163.3789
60002	1301+19.93	-18.85'	638191.8535	621167.2040
60003	1301+23.32	-15.46'	638190.6110	621171.8316
60004	1301+26.86	-14.00'	638191.1086	621175.6260
60005	1301+58.78	-14.00'	638207.0558	621203.2798
60006	1301+58.78	-47.00'	638235.6430	621186.7943
60007	30+27.92	-20.37'	638239.2204	621219.5998
60008	30+34.49	-20.32'	638245.7502	621218.8877

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60300	1300+64.31	19.50'	638130.8399	621138.1741
60301	1301+12.91	19.50'	638155.1188	621180.2758
60302	1300+83.16	29.25'	638131.8122	621159.3773
60303	1212+66.09	-45.99'	638131.7524	621193.7506
60304	1212+74.89	-20.47'	638143.9788	621217.8253
60305	1212+53.30	-16.38'	638123.1484	621224.8394
60306	1212+50.19	-19.69'	638119.6140	621221.9898
60307	1212+46.72	-12.38'	638117.1790	621229.7068
60308	1212+42.24	-17.90'	638111.7024	621224.9055
60310	1401+03.47	-20.02'	638114.8037	621179.2663
60311	1400+91.14	-10.35'	638093.6047	621174.4166
60312	1400+85.40	-12.20'	638086.2542	621170.1396
60313	1400+81.42	-12.19'	638082.1738	621169.4049
60314	1400+91.05	-12.40'	638094.3361	621172.4949
60315	1400+78.81	-12.18'	638079.6051	621168.9391
60324	1213+12.77	-8.00'	638183.2045	621224.9751
60325	1212+83.83	-48.07'	638149.0422	621189.2556
60326	1212+80.98	-32.29'	638148.3873	621205.2778
60330	1212+76.20	-16.69'	638145.7900	621221.3917
60331	1212+69.93	-42.43'	638136.0480	621196.7490

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60400	1400+60.14	11.66'	638056.9514	621189.0241
60401	1400+60.91	11.65'	638057.7070	621189.1576
60402	1400+64.40	10.20'	638061.3995	621188.3606
60403	1400+66.66	7.96'	638064.0267	621186.5635
60404	1400+70.18	6.50'	638067.7553	621185.7587
60405	1400+83.35	6.50'	638080.7098	621188.1333
60406	1400+83.35	26.50'	638077.1067	621207.8061
60407	1401+20.06	7.00'	638097.0951	621207.1255
60408	1401+26.60	7.00'	638097.3175	621213.6586
60409	1401+26.60	25.00'	638079.3280	621214.2712
60410	1212+23.88	-19.88'	638088.8479	621229.5477
60411	1212+08.80	-19.23'	638072.4894	621239.7418
60412	1212+03.57	-18.86'	638067.5033	621244.1552
60413	1212+03.29	-18.79'	638067.2742	621244.4391



COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60200	1302+55.92	19.63'	638226.6081	621304.1926
60201	1302+53.81	19.63'	638225.5465	621302.3739
60202	1302+50.26	18.17'	638225.0324	621298.5691
60203	1302+47.56	15.46'	638226.0140	621294.8756
60204	1302+44.02	14.00'	638225.5067	621291.0826
60205	1302+25.39	14.00'	638216.1564	621274.9634
60206	1302+25.39	54.00'	638181.5563	621295.0341
60207	1302+02.94	20.90'	638198.9249	621259.0017
60208	1301+99.15	23.46'	638194.8029	621257.0148
60209	1302+10.38	40.02'	638186.1186	621275.0310
60210	1213+08.81	21.98'	638183.3996	621255.2167
60211	1212+87.36	27.55'	638162.9187	621263.6799
60214	1212+99.36	29.72'	638175.0995	621264.1783
60215	1213+05.72	29.73'	638181.4022	621263.3134
60216	1212+92.36	28.71'	638168.0285	621264.1392
60219	1212+82.29	21.95'	638157.1238	621258.8223

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60600	1211+50.00	17.13'	638058.2101	621310.0399
60601	1211+50.00	-17.21'	638031.6539	621288.2685
60602	1300+25.05	19.69'	638111.0688	621104.2600
60603	1300+24.95	-19.76'	638145.1918	621084.4661
60604	1302+97.40	19.54'	638247.4957	621340.0295
60605	1302+97.40	-20.24'	638281.9061	621320.0689

- NOTES:
- OFFSETS SHOWN IN THE GEOMETRY TABLES WITH A MINUS SIGN ARE TO THE LEFT OF THE CONSTRUCTION BASELINE.
 - UNLESS OTHERWISE NOTED, POINT GEOMETRY ADJACENT TO CURB AND CURB AND GUTTER IS GIVEN AT THE EDGE OF PAVEMENT.
 - UNLESS OTHERWISE NOTED, EDGE OF PAVEMENT ELEVATIONS ALONG INTERSECTION CURVES ARE GIVEN AT 10 FOOT INTERVALS.
 - RADII ARE GIVEN AT THE EDGE OF PAVEMENT.
 - PROPOSED PAVEMENT OR CURBS THAT TIE INTO EXISTING PAVEMENT OR EXISTING CURBS SHALL MATCH THE EXISTING PAVEMENT OR EXISTING CURB ELEVATIONS.
 - ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE PAID FOR UNDER ITEM 763501 - CONSTRUCTION ENGINEERING.
 - SEE SHEET 19 FOR CURB RAMP DETAILS.

12-JUN-2026
12:19
N:\32147-011\CADD\G601_OBV2.dgn

ADDENDA / REVISIONS										SCALE 0 20 40 60 FEET		OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2		CONTRACT	BRIDGE NO.	N/A	GRADES AND GEOMETRICS		GG-01
											T202120003	DESIGNED BY:	J. SINCLAIR	SECTION					
											COUNTY	CHECKED BY:	V. KOWALSKI	WRA					
											NEW CASTLE			SHEET NO.					
																17			

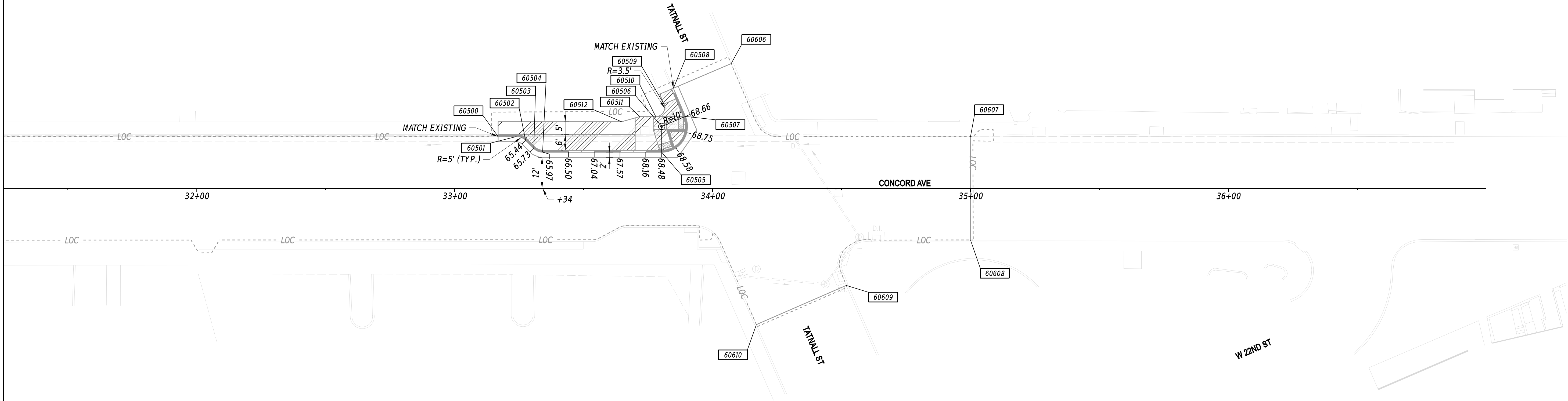
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60500	33+16.84	-20.10'	638526.2495	621186.6348
60501	33+23.95	-20.10'	638533.3185	621185.8163
60502	33+27.49	-18.64'	638536.9990	621186.8645
60503	33+30.66	-15.46'	638540.5170	621189.6524
60504	33+34.20	-14.00'	638544.1975	621190.7005
60505	33+80.26	-14.00'	638589.9497	621185.4034
60506	33+80.26	-24.00'	638588.7996	621175.4698
60507	33+89.46	-27.91'	638597.4923	621170.5265
60508	33+84.82	-38.83'	638591.6299	621160.2175
60509	33+81.17	-32.73'	638588.6975	621166.6952
60510	33+77.95	-27.85'	638586.0610	621171.9081
60511	33+71.81	-27.85'	638579.9615	621172.6143
60512	33+64.71	-25.85'	638573.1456	621175.4168

- NOTES:
- OFFSETS SHOWN IN THE GEOMETRY TABLES WITH A MINUS SIGN ARE TO THE LEFT OF THE CONSTRUCTION BASELINE.
 - UNLESS OTHERWISE NOTED, POINT GEOMETRY ADJACENT TO CURB AND CURB AND GUTTER IS GIVEN AT THE EDGE OF PAVEMENT.
 - UNLESS OTHERWISE NOTED, EDGE OF PAVEMENT ELEVATIONS ALONG INTERSECTION CURVES ARE GIVEN AT 10 FOOT INTERVALS.
 - RADII ARE GIVEN AT THE EDGE OF PAVEMENT.
 - PROPOSED PAVEMENT OR CURBS THAT TIE INTO EXISTING PAVEMENT OR EXISTING CURBS SHALL MATCH THE EXISTING PAVEMENT OR EXISTING CURB ELEVATIONS.
 - ALL WORK REQUIRED FOR CALCULATING AND STAKING OF GRADES SHALL BE PAID FOR UNDER ITEM 763501 - CONSTRUCTION ENGINEERING.
 - SEE SHEET 19 FOR CURB RAMP DETAILS.

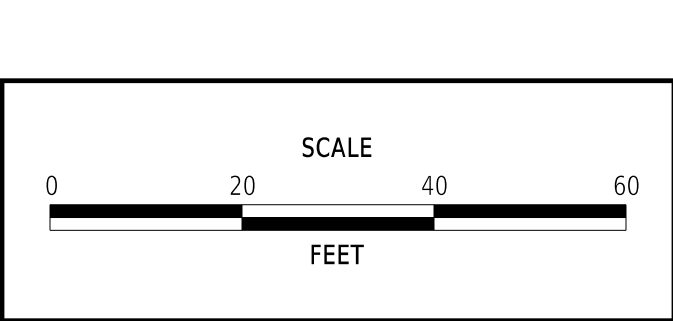
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60606	34+07.21	-48.39'	638612.7675	621148.1422
60607	35+00.00	-20.04'	638708.2075	621165.6441
60608	35+00.00	20.05'	638712.8123	621205.4705
60609	34+51.83	37.70'	638666.9833	621228.5327
60610	34+16.99	52.89'	638634.1261	621247.6219



MATCH LINE STA. 31+25



ADDENDA / REVISIONS	

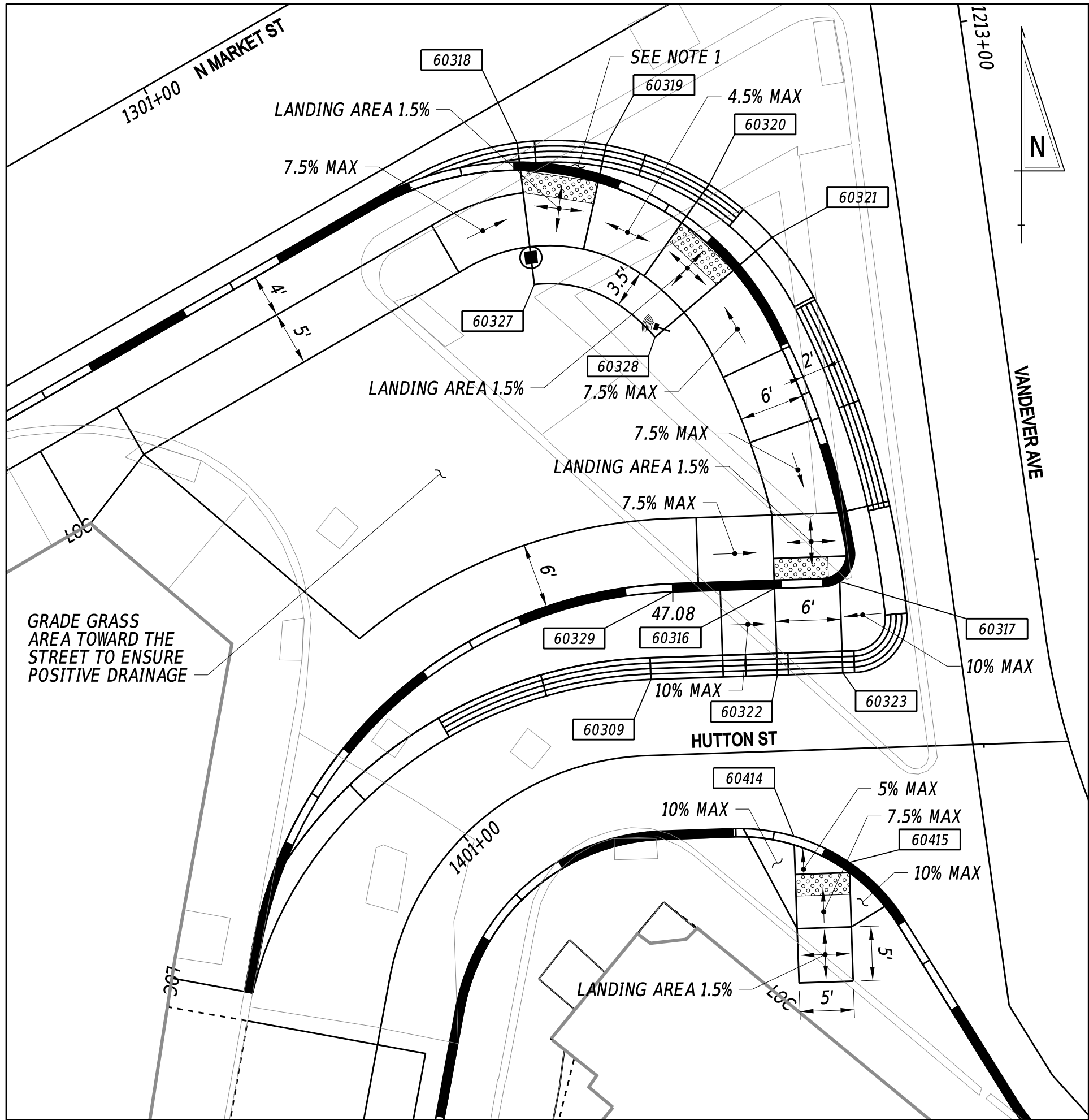


OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

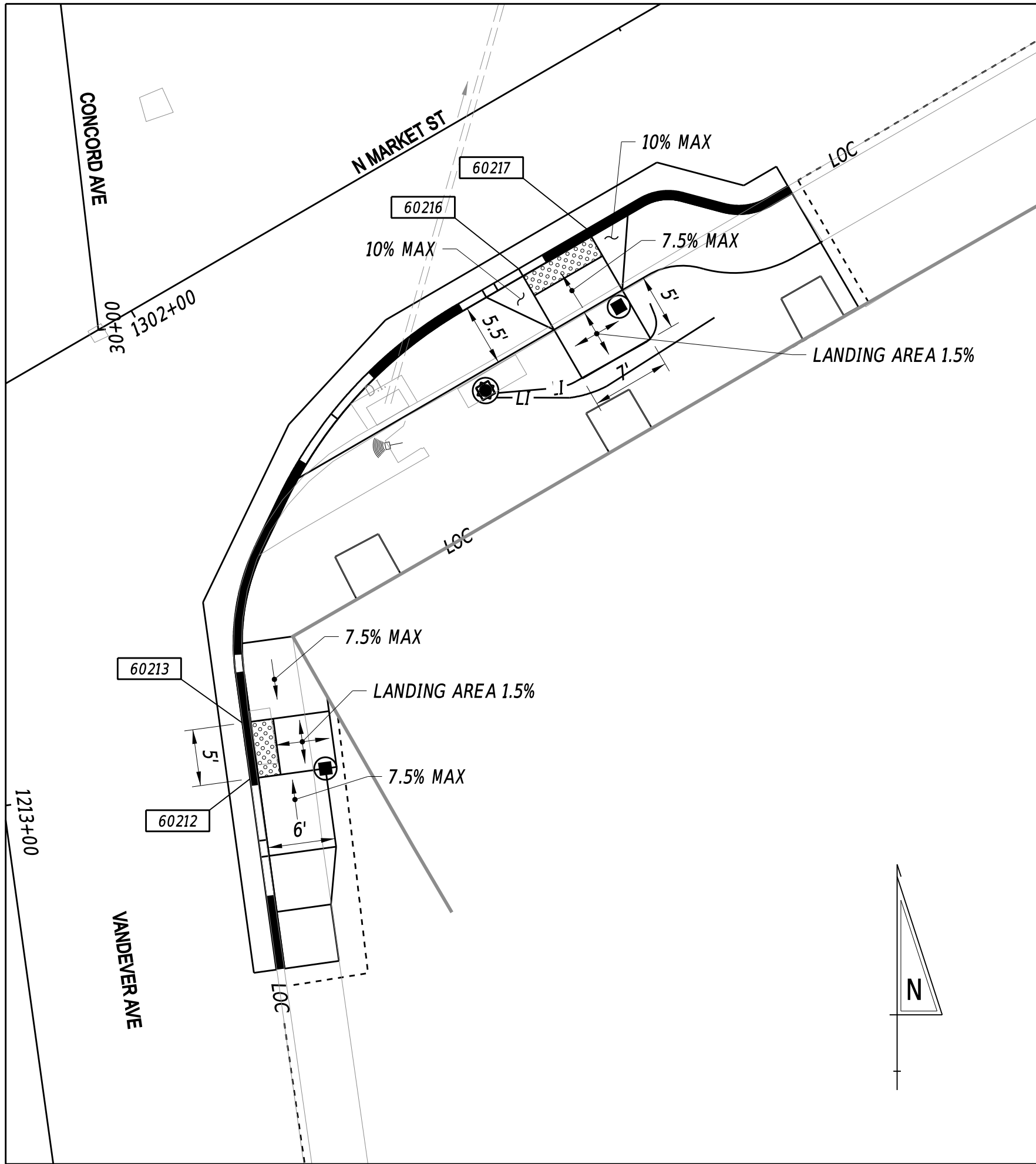
GRADES AND GEOMETRICS	
SECTION	WRA
SHEET NO.	18

GG-02
SECTION
WRA
SHEET NO.
18



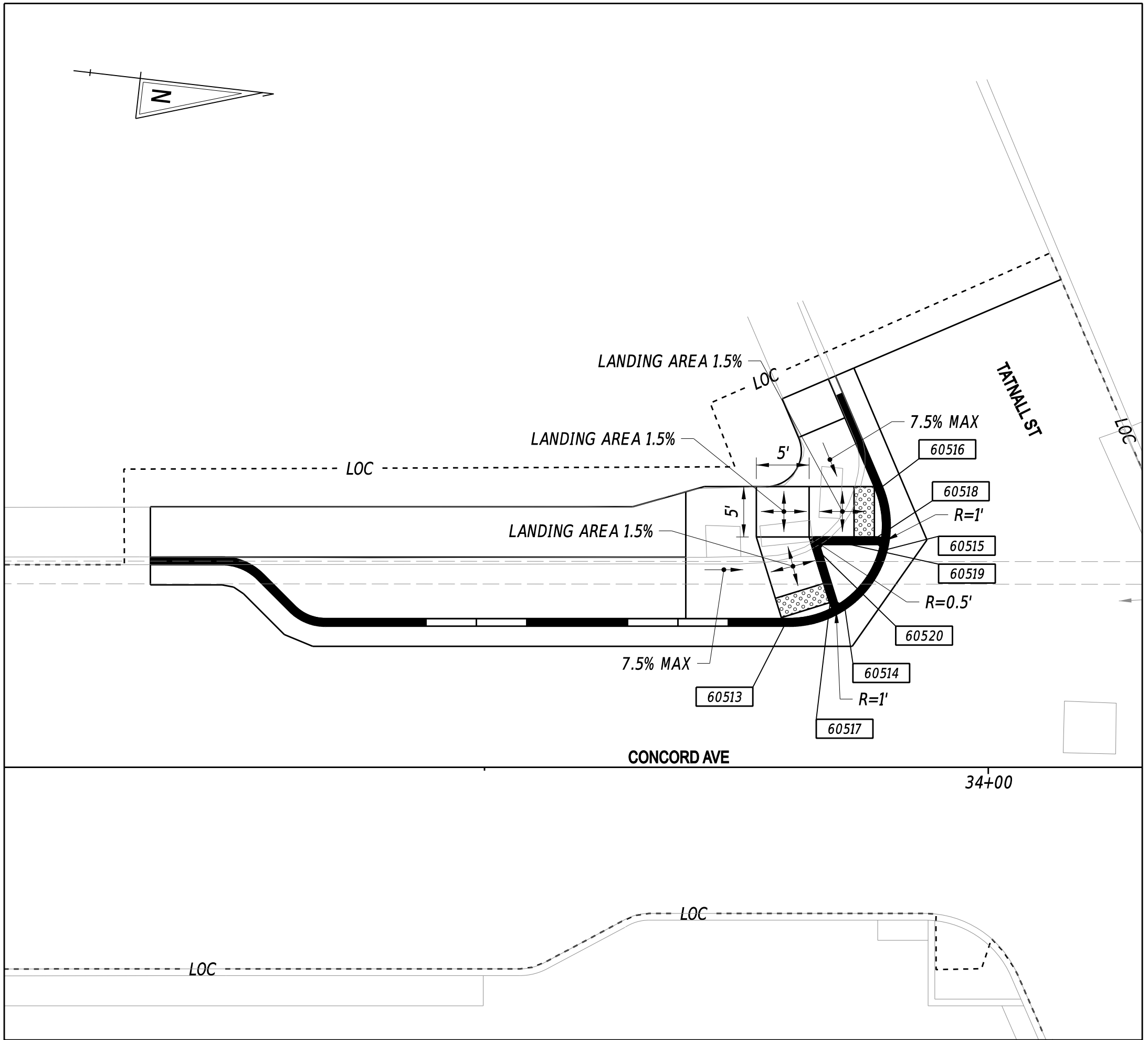
DETAIL A

SCALE AS NOTED



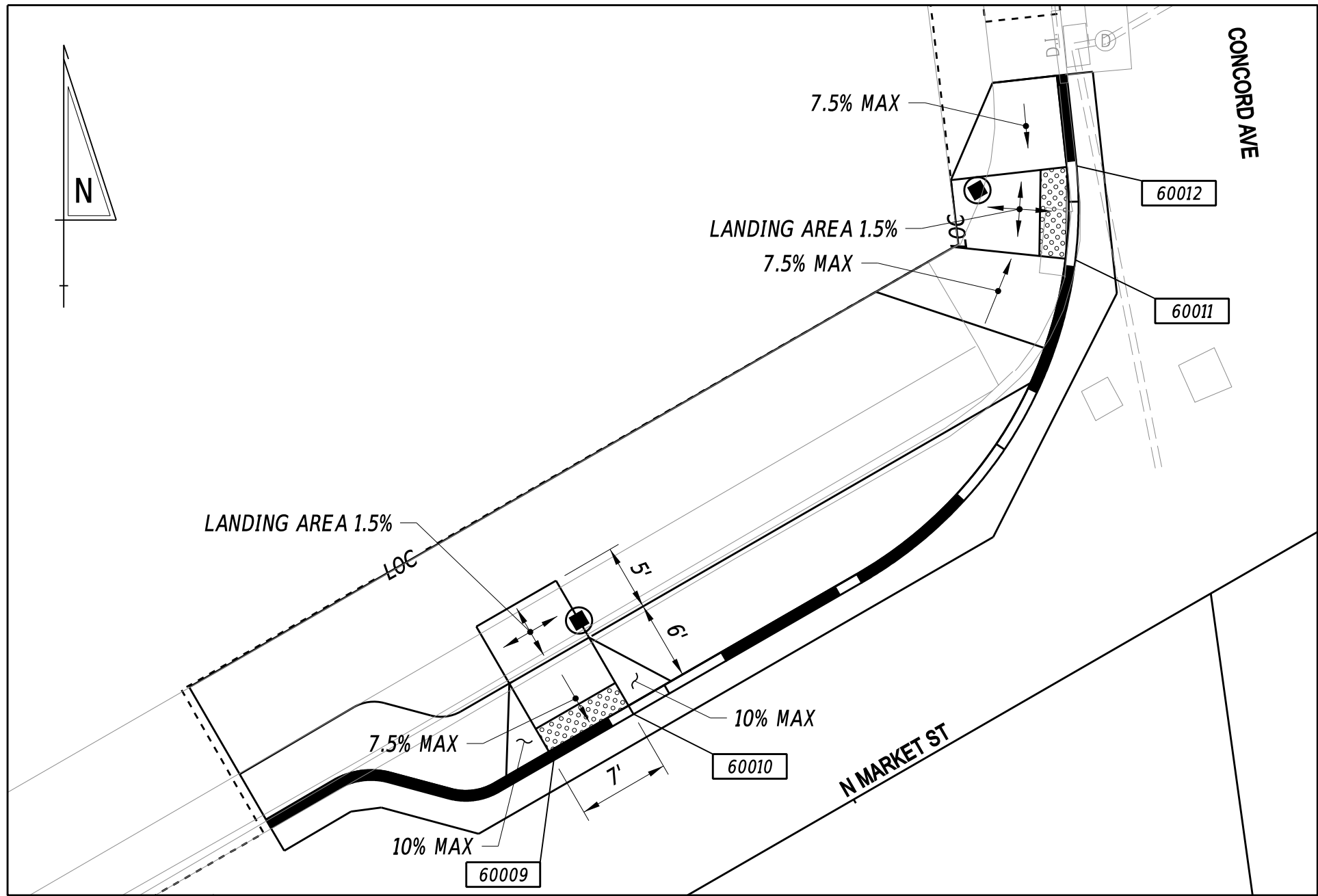
DETAIL C

SCALE AS NOTED



DETAIL D

SCALE AS NOTED



DETAIL B

SCALE AS NOTED

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60009	1301+31.71	-14.00'	638193.5337	621179.8315
60010	1301+38.71	-14.02'	638197.0461	621185.8865
60011	1301+85.16	-27.17'	638231.6429	621219.5510
60012	1301+88.81	-33.32'	638238.7910	621219.6438

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60212	1212+99.37	21.97'	638174.0459	621256.5002
60213	1213+04.37	21.98'	638178.9995	621255.8205
60217	1302+38.59	14.00'	638222.7802	621286.3823
60218	1302+31.59	14.00'	638219.2679	621280.3273

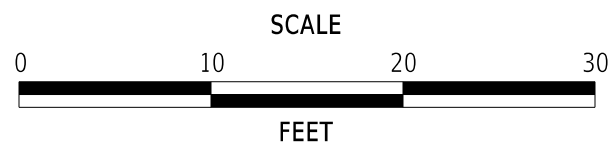
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60322	1401+31.20	-7.00'	638111.4662	621217.7856
60323	1401+37.22	-7.00'	638111.6711	621223.8039

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60309	1401+19.53	-7.00'	638111.0689	621206.1186
60316	1401+31.20	-15.00'	638119.4615	621217.5133
60317	1212+50.45	-18.11'	638120.0930	621223.5166
60318	1212+94.57	-42.00'	638160.5097	621193.7915
60319	1212+93.24	-33.91'	638160.3068	621201.9960
60320	1212+88.34	-25.02'	638156.6685	621211.4755
60321	1212+82.71	-19.92'	638151.8002	621217.2954
60327	1212+81.43	-42.23'	638147.4649	621195.3686
60328	1212+75.08	-31.87'	638142.6010	621206.5062
60329	1401+21.72	-15.00'	638119.1387	621208.0354

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60414	1401+32.22	7.90'	638096.6072	621219.3140
60415	1401+37.22	10.47'	638094.2087	621224.3985

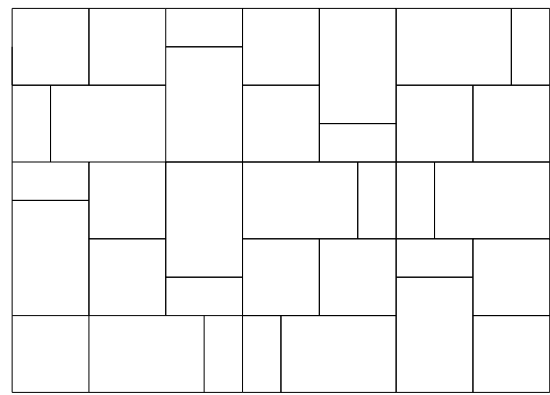
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60513	33+79.73	-14.00'	638589.4236	621185.4643
60514	33+85.79	-15.67'	638595.2500	621183.1113
60515	33+89.97	-21.61'	638598.7208	621176.7226
60516	33+89.49	-27.85'	638597.5231	621170.5811
60517	33+84.28	-16.20'	638593.6904	621182.7515
60518	33+89.00	-22.85'	638597.6137	621175.6040
60519	33+82.89	-22.85'	638591.5491	621176.3061
60520	33+82.42	-22.20'	638591.1493	621177.0050

ADDENDA / REVISIONS



OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

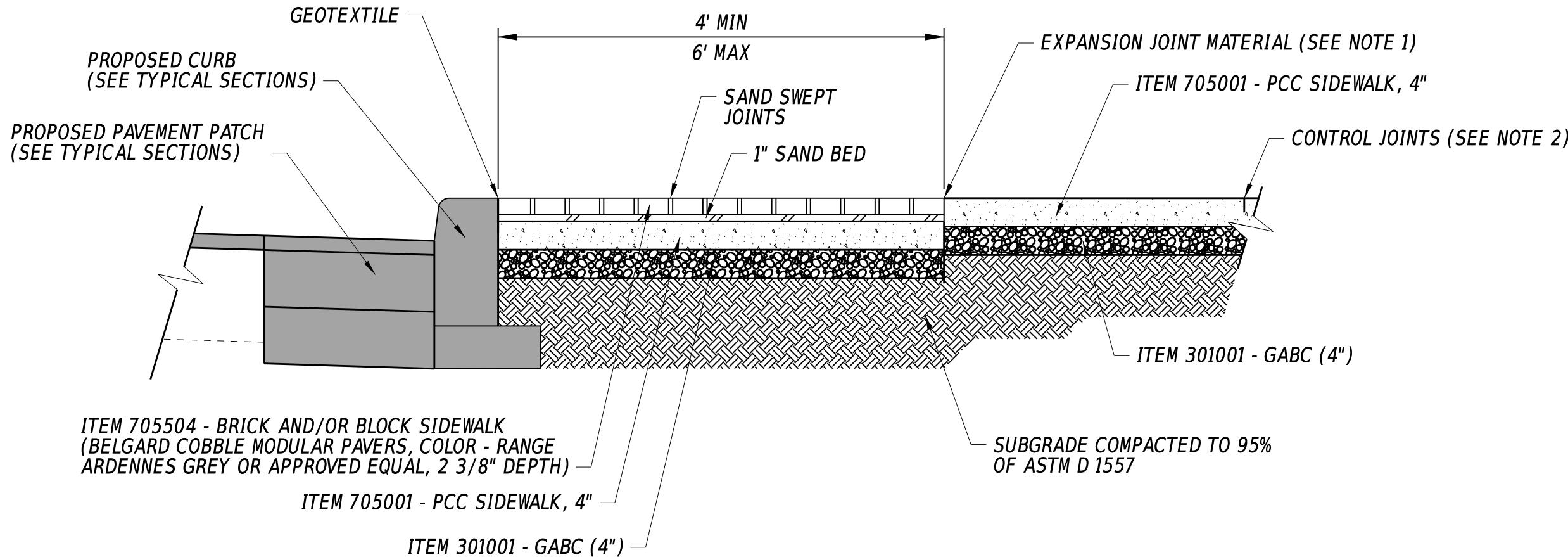
CONTRACT T202120003	BRIDGE NO. N/A	CONSTRUCTION DETAILS	SECTION WRA
COUNTY NEW CASTLE	DESIGNED BY: J. SINCLAIR		SHEET NO. 19
	CHECKED BY: V. KOWALSKI		



BOX PATTERN

BRICK PATTERN DETAIL

NOT TO SCALE

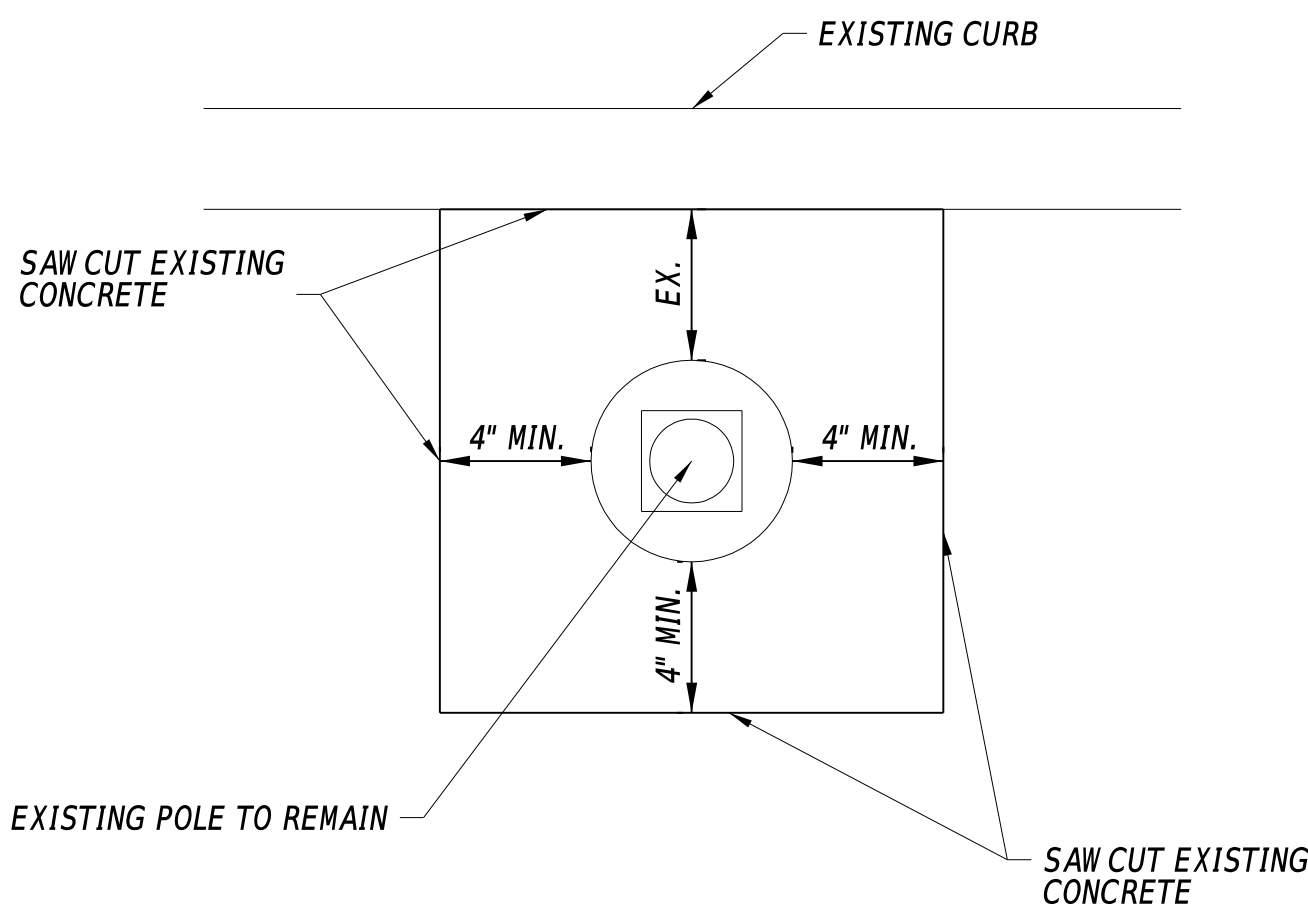


SECTION VIEW

NOT TO SCALE

NOTES:

- 1. PLACE EXPANSION JOINT MATERIAL FROM TOP OF BRICK TO BOTTOM OF CONCRETE BASE UNDER BRICK PAVERS.
- 2. CONTROL JOINTS IN THE PCC SHALL BE SPACED A MAXIMUM OF 12' APART.

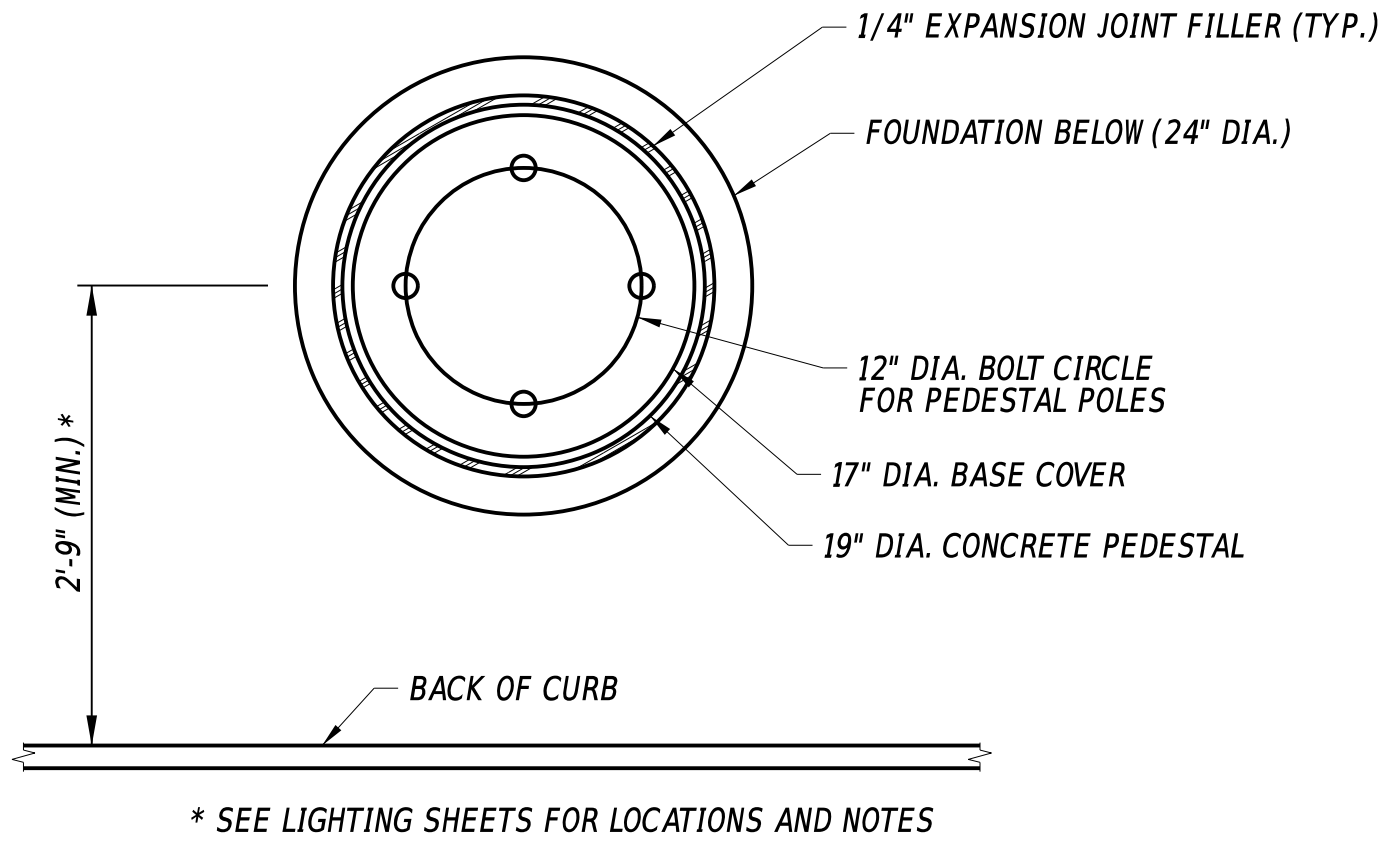


CONSTRUCTION AROUND EXISTING UTILITY POLE AND LIGHT POLE

NOT TO SCALE

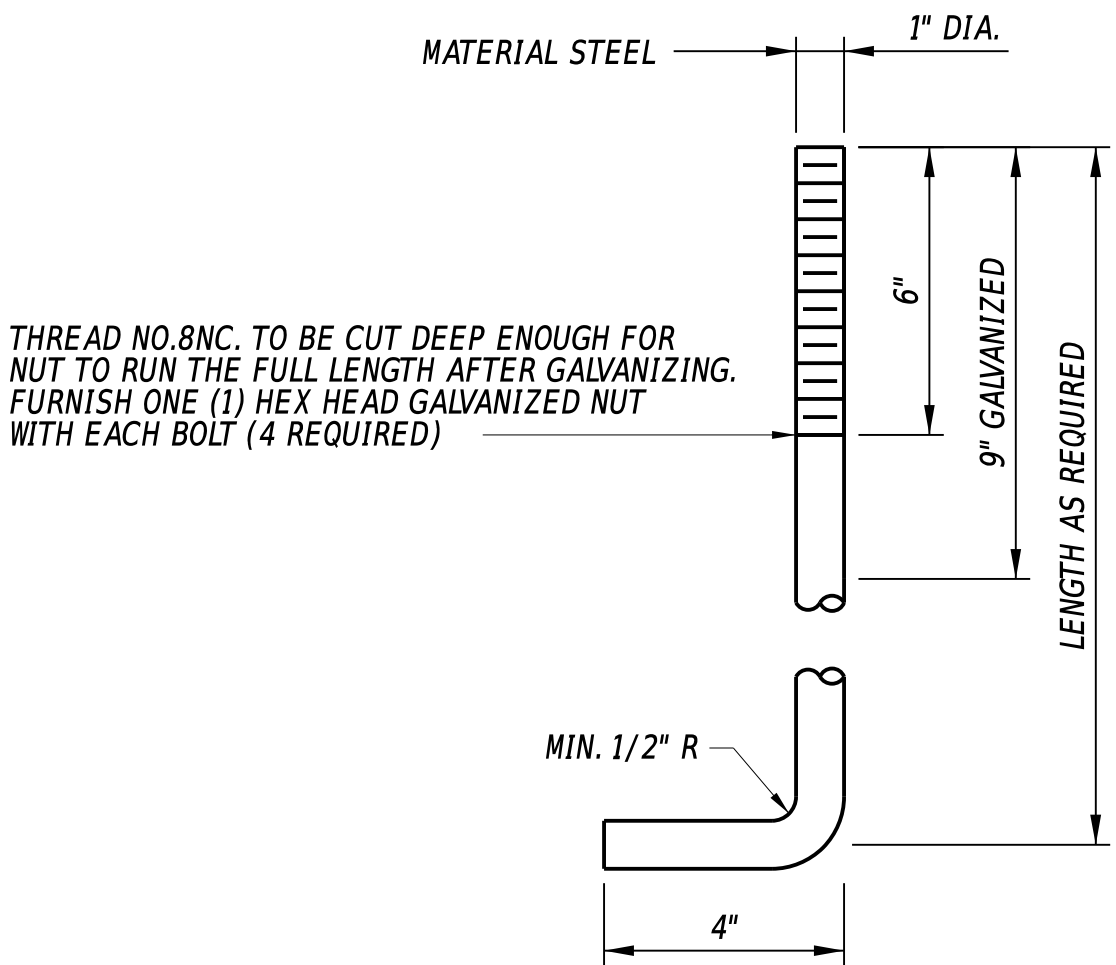
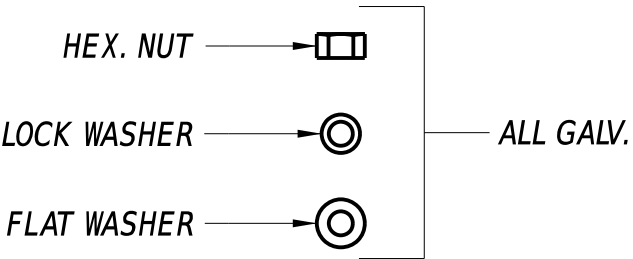
NOTES:

- 1. SAWCUT EXISTING SIDEWALK AND CURB AROUND SIGNAL POLE BASE. SAWCUT LINES SHALL BE ALONG EXISTING SIDEWALK JOINTS OR A MINIMUM OF 4" FROM THE BOTTOM OF THE POLE BASE.
- 2. PROTECT EXISTING SIGNAL POLE AND EXISTING SIDEWALK SLAB DURING REMOVAL OF CONCRETE OUTSIDE OF SLAB AND CONSTRUCTION OF PROPOSED CURB AND SIDEWALK.
- 3. CONSTRUCT PROPOSED SIDEWALK AS SHOWN ON PLANS. PLACE A 1/2" POLYURETHANE-BONDED RECYCLED RUBBER (TYPE IV) EXPANSION JOINT FULL DEPTH OF SIDEWALK WHERE PROPOSED SIDEWALK BORDERS EXISTING SIDEWALK SLAB AND SIGNAL POLE. THIS COST IS INCIDENTAL TO THE PROPOSED SIDEWALK.
- 4. IF EXISTING SIDEWALK SLAB AND SIGNAL POLE IS NOT ADJACENT TO PROPOSED SIDEWALK, BACKFILL AROUND EXISTING SIDEWALK WITH BORROW, TYPE F AND TOPSOIL, GRADED TOWARD THE STREET AND PLACE PERMANENT GRASS SEEDING. ITEMS PAID FOR UNDER:
ITEM 209006 - BORROW, TYPE F
ITEM 908004 - TOPSOIL, 6" DEPTH
ITEM 908016 - PERMANENT GRASS SEEDING, SUBDIVISION.
ITEM 908026 - EROSION CONTROL MULCH



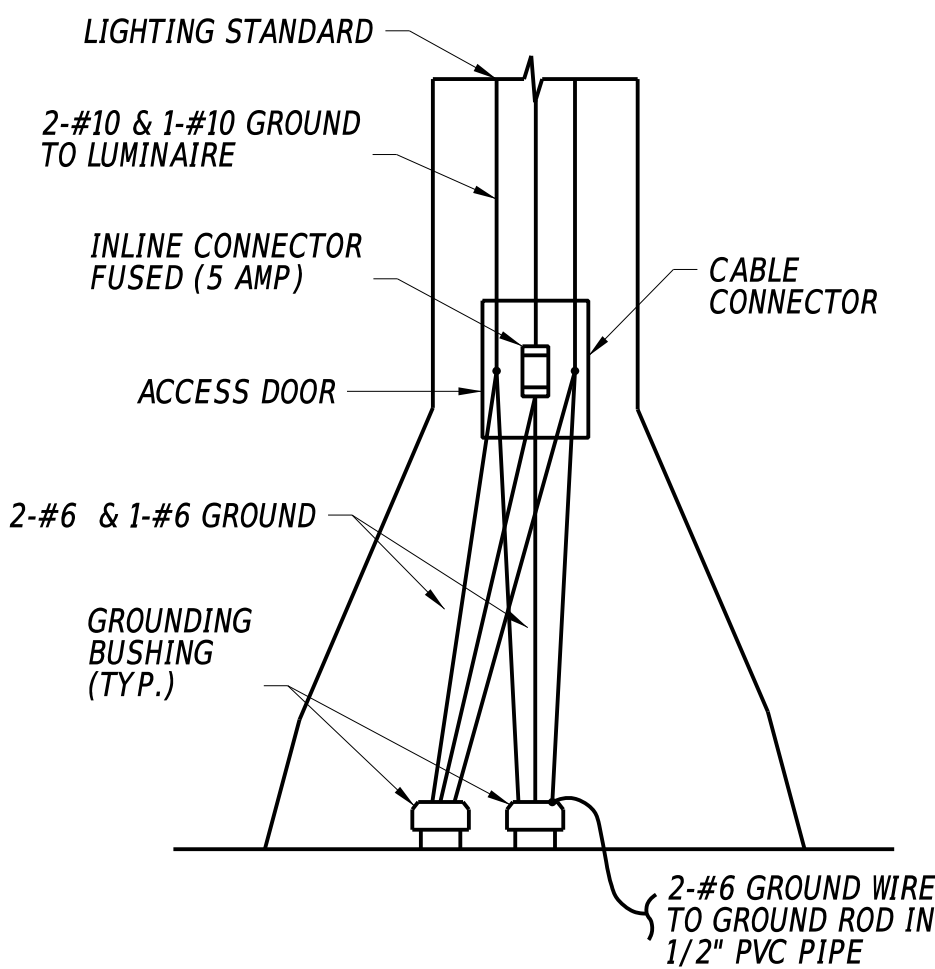
POLE BASE, SPECIAL-PLAN

NOT TO SCALE



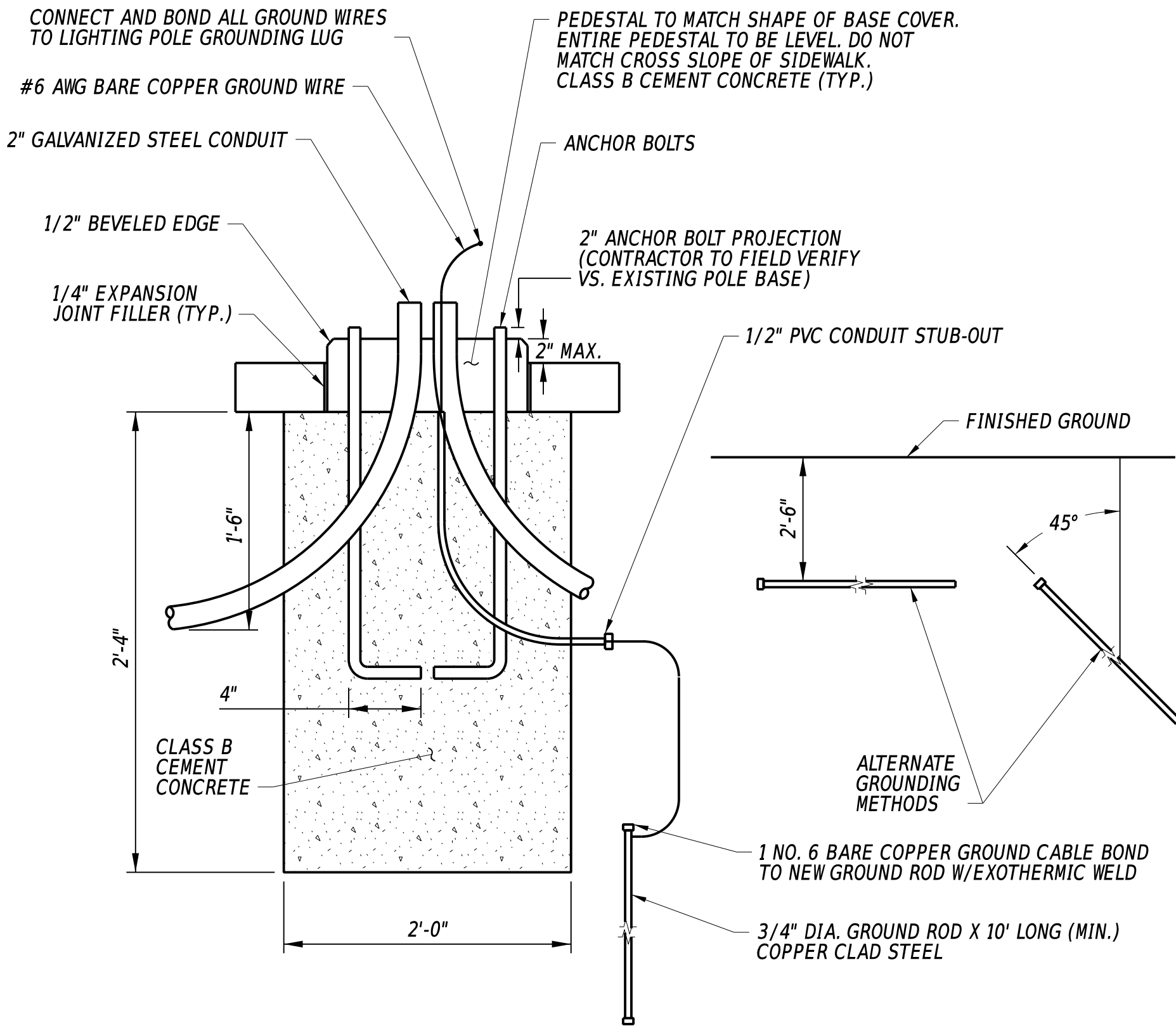
ANCHOR BOLT DETAIL

NOT TO SCALE



TYPICAL LUMINAIRE CONNECTION DETAIL

NOT TO SCALE



POLE BASE, SPECIAL-SECTION

NOT TO SCALE

ADDENDA / REVISIONS

NOT TO SCALE

OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	J. SINCLAIR
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

CONSTRUCTION DETAILS

SECTION
WRA
SHEET NO.
20

GENERAL TRAFFIC CONTROL NOTES

1. 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.

2. MAINTENANCE OF TRAFFIC SHALL CONFORM TO THE FOLLOWING TYPICAL APPLICATIONS OF THE DELAWARE MUTCD:

TYPICAL APPLICATION 3 - WORK ON THE SHOULDER OF A TWO-LANE ROAD
TYPICAL APPLICATION 10 - LANE CLOSURE ON A TWO-LANE ROAD USING FLAGGERS
TYPICAL APPLICATION 11B - LANE DIVERSION ON A TWO-LANE ROAD WITH LOW TRAFFIC VOLUMES
TYPICAL APPLICATION 21 - LANE CLOSURE ON THE NEAR SIDE OF AN INTERSECTION ON AN UNDIVIDED, LOW-SPEED ROAD (40 MPH OR LESS)
TYPICAL APPLICATION 23 - LANE CLOSURE ON THE FAR SIDE OF AN INTERSECTION ON AN UNDIVIDED, LOW-SPEED ROAD (40 MPH OR LESS)
TYPICAL APPLICATION 27 - CLOSURE AT THE SIDE OR CENTER OF AN INTERSECTION

3. ALL FIRE HYDRANTS SHALL BE CLEAR OF EQUIPMENT AT ALL TIMES.

4. TRAFFIC IMPACTS DUE TO CONSTRUCTION ACTIVITIES SHALL BE GOVERNED BY THE FOLLOWING RESTRICTIONS. LANE CLOSURES FOR ALL STREETS (INCLUDING TURN LANES) SHALL CONFORM TO ALLOWABLE LANE CLOSURE TABLE. ROAD USER COSTS WILL BE ASSESSED FOR FAILURE TO OPEN TEMPORARY LANE CLOSURES ON TIME IN ACCORDANCE WITH GERNERAL DESCRIPTION AND ITEM 763525.

	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																								
Flagger operations allowed, as necessary All lanes open																								

5. ALL TEMPORARY PEDESTRIAN PATHWAYS SHALL CONFORM TO STANDARD DETAIL M-13, ADA GUIDELINES, AND THE DELAWARE MUTCD. TEMPORARY PEDESTRIAN PATHS SHALL BE INCIDENTAL TO ITEM 801000 UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

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

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

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

VERTICAL DIFFERENCES SHALL BE CORRECTED IN ACCORDANCE WITH TABLE 6G-1 OF THE DELAWARE MUTCD.

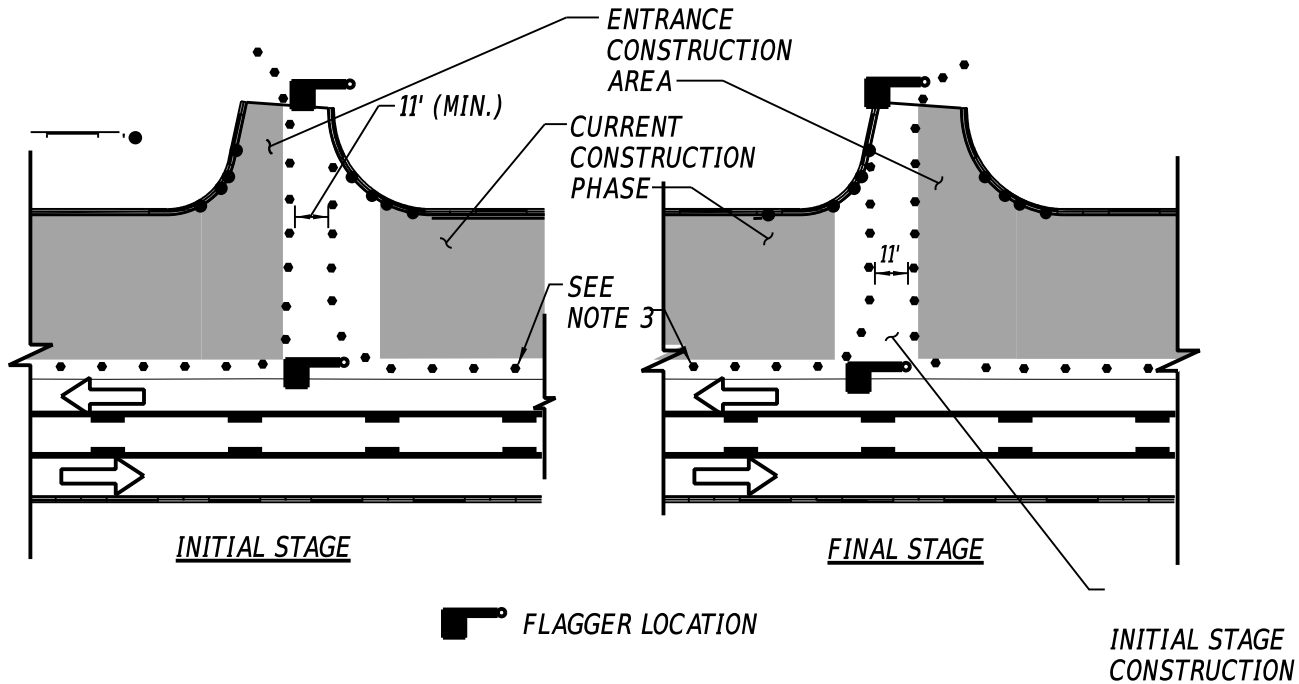
7. THE CONTRACTOR SHALL PROVIDE ONE TRAFFIC OFFICER FOR ANY OPERATION WHERE AN EXISTING SIGNALAIZED INTERSECTION IS PLACED IN FLASH MODE. THE TRAFFIC OFFICER IS THE ONLY INDIVIDUAL THAT CAN PLACE A TRAFFIC SIGNAL IN FLASH MODE, AND THE TRAFFIC OFFICER SHALL STAY ON LOCATION UNTIL THE SIGNAL IS PLACE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

8. THE CONTRACTOR SHALL COORDINATE PLACEMENT OF WARNING SIGNS WITH THE ENGINEER TO ENSURE THAT SIGNS ARE PLACED IN AN APPROPRIATE LOCATION. TEMPORARY TRAFFIC CONTROL DEVICES, INCLUDING SIGNS, SHALL NOT OBSTRUCT THE SIDEWALK, UNLESS SPECIFIED ON THE CONSTRUCTION PHASING OR DETOUR PLANS.

9. THE CONTRACTOR SHALL NOTIFY RESIDENTS AT LEAST TWO DAYS IN ADVANCE WHEN PARKING OR ACCESS WILL BE RESTRICTED IN FRONT OF THEIR PROPERTY. CONTRACTOR SHALL COORDINATE WITH RESIDENTS ON THE BEST MEANS TO MAINTAIN TEMPORARY ACCESS DURING CONSTRUCTION.

10. A MINIMUM TRAVEL LANE WIDTH OF 10 FEET SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

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



TYPICAL DRIVEWAY/ ENTRANCE RECONSTRUCTION
NOT TO SCALE

- NOTES:
- THIS DETAIL PROVIDES THE PROPER TRAFFIC CONTROL DEVICES AT DRIVEWAYS AND ENTRANCES THAT ARE TO BE BUILT IN HALF-SECTION UNDER FLAGGER CONTROL. APPLICATION OF THIS DETAIL SHALL BE AS INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER. TRAFFIC CONTROL DEVICES AT ENTRANCES SHALL BE RESET TO MAIN PHASE AT END OF EACH WORKING DAY.
 - CHANNELIZATION THROUGH ENTRANCE AREA SHALL BE ACCOMPLISHED WITH DRUMS PLACED AT 11' ON EDGE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. DRUM LAYOUT SHALL ACCOMMODATE LARGEST DESIGN VEHICLE EXPECTED TO USE ENTRANCE.
 - TRAFFIC CONTROL DEVICES ALONG MAINLINE ROADWAY SHALL BE AS SHOWN ON CONSTRUCTION PHASING PLANS.
 - DEPENDING ON TRAFFIC VOLUME UTILIZING ENTRANCE AND OTHER SITE-SPECIFIC CONDITIONS, THE NUMBER OF FLAGGERS USED DURING ENTRANCE CONSTRUCTION MAY BE REDUCED FROM 2 TO 1, SUBJECT TO APPROVAL OF DELDOT TRAFFIC ENGINEER OR DESIGNEE.

ADDENDA / REVISIONS		NOT TO SCALE	OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2	CONTRACT	BRIDGE NO.	N/A	GENERAL TRAFFIC CONTROL NOTES	SECTION
				T202120003	DESIGNED BY:	D.WARING		WRA
				COUNTY	CHECKED BY:	V. KOWALSKI		SHEET NO.
				NEW CASTLE				21

GENERAL E&S SEQUENCE NOTES (FOR ALL PHASES)

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 YEAR PERIOD BEGINNING ON THE DATE OF THE STORMWATER ENGINEER'S SIGNATURE. ANY DEVIATIONS TO THE SWPPP NEED APPROVAL FROM THE ENGINEER.



07/31/2025

DELDOT STORMWATER ENGINEER

DATE

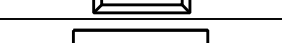
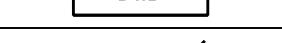
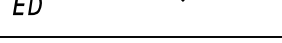
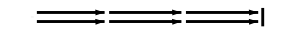
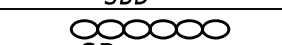
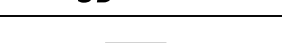
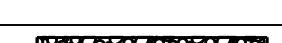
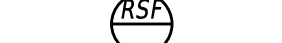
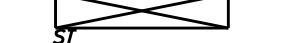
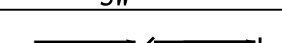
"I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS MEET THE REQUIREMENTS OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS." Expires 07/31/2030

AMOUNT OF DISTURBED AREA FOR THE PROJECT	0.25 AC
ADDED IMPERVIOUS FOR THE PROJECT	871.00 SF (0.02 AC)
HUC-10 WATERSHED	BRANDYWINE CREEK

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 NOI PERMIT 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. PER SIDEWALK, TRAIL, OR OTHER LINEAR IMPERVIOUS SURFACES STANDARD PLAN APPROVAL, NO MORE THAN 1.0 ACRE 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.
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 EROSION AND SEDIMENT CONTROL (E&S) NOTES

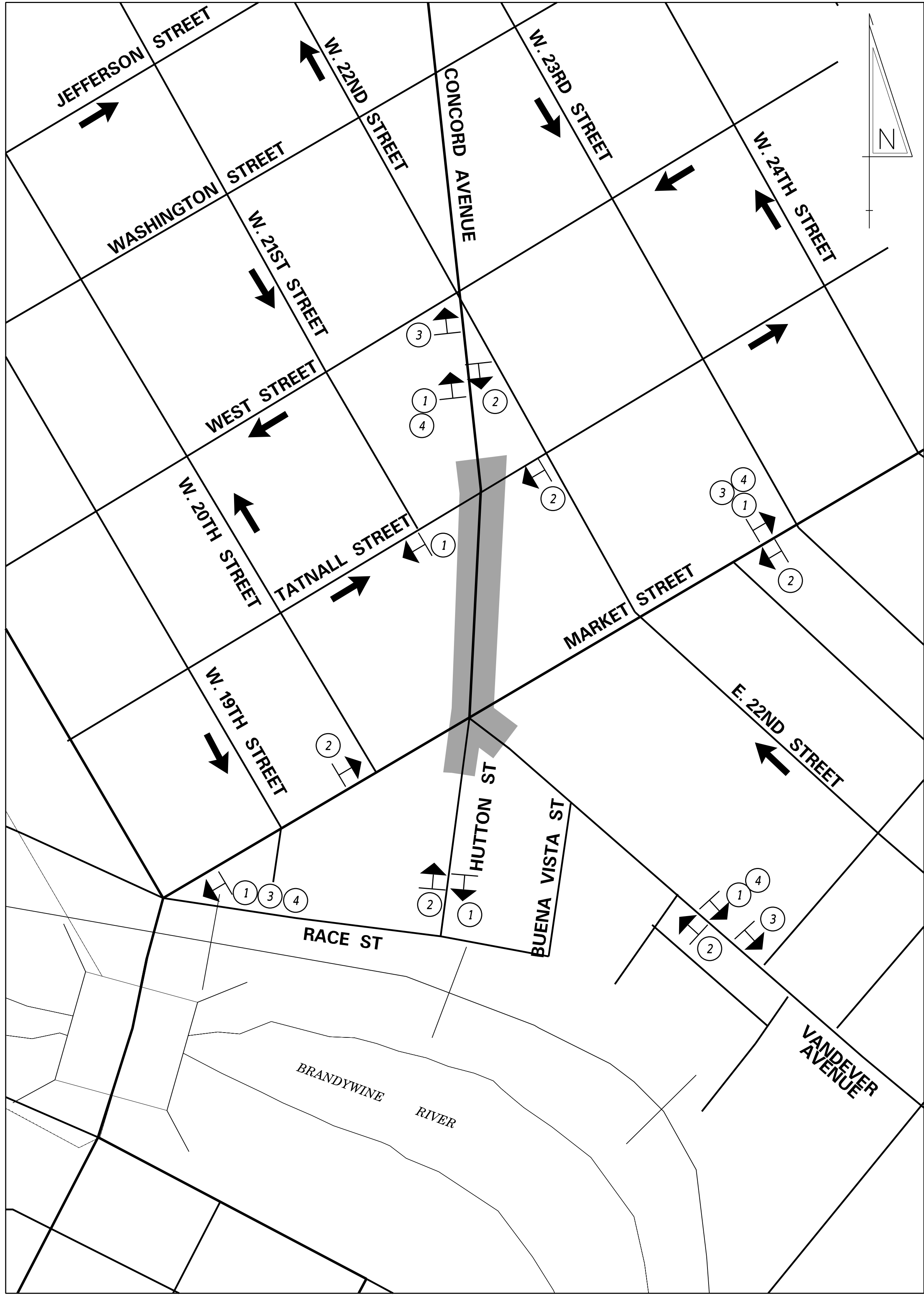
1. POST NOI PERMIT COVERAGE SO THAT IT IS VISIBLE IN CLOSE PROXIMITY TO THE CONSTRUCTION SITE AS DIRECTED BY THE ENGINEER. THE NOTICE MUST BE IN ACCORDANCE WITH DELDOT GUIDANCE.
2. INSTALL ALL PERIMETER E&S ITEMS AND SENSITIVE AREA PROTECTIONS PRIOR TO ANY LAND DISTURBING ACTIVITIES. THE ONLY LAND DISTURBANCE 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. COMPLETE PERMANENT STABILIZATION WITHIN SEVEN (7) CALENDAR DAYS UPON REACHING FINAL GRADE.
9. DO NOT REMOVE E&S DEVICES UNLESS DIRECTED 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

6/13/2025 7:21:18 AM N:\32147-011\CADD\CS02_OBV2.dgn

ADDENDA / REVISIONS		NOT TO SCALE	OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2	CONTRACT	BRIDGE NO.	N/A	EROSION CONTROL NOTES
				T202120003	DESIGNED BY: J. SINCLAIR		
				COUNTY	CHECKED BY: J. KELLEY		
				NEW CASTLE			

6/12/2026
12:19:25 PM
N:\322147-011\CAADD\CS03_OBV2.dgn



LEGEND

ROAD
WORK
AHEAD

1

W20-1
48"x48"

END
ROAD WORK

2

G20-2
48"x24"

ROADWORK
STARTING
MMDDYY

3

36" x 36"
*SEE NOTE 4

NEW
TRAFFIC
PATTERN

4

W23-2P-DE
30"x24"
*SEE NOTE 5

TRAFFIC CONTROL NOTES:

- ALL WARNING SIGNS SHOWN ON THIS SHEET ARE TO BE DISPLAYED THROUGHOUT THE DURATION OF THE CONTRACT AND ARE TO BE PAID UNDER ITEM 810001 - TEMPORARY WARNING SIGNS AND PLAQUES.
- SEE INDIVIDUAL PHASING PLANS FOR PLACEMENT OF TEMPORARY WARNING SIGNS. THE CONTRACTOR SHALL LAY OUT SIGN LOCATIONS FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION. THE COVERING OF ANY CONFLICT SIGNS SHALL BE INCIDENTAL TO ITEM 810001 - TEMPORARY WARNING SIGNS AND PLAQUES.
- DELDOT TRAFFIC RESERVES THE RIGHT TO MODIFY THE TRAFFIC CONTROL AS FIELD CONDITIONS DICTATE.
- SIGN SHALL BE ON RETROREFLECTIVE PRISMATIC FLORESCENT ORANGE; BLACK LEGEND. THE CONTRACTOR SHALL INSTALL SIGN #3 10 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MAINTAIN FOR 5 DAYS AFTER COMMENCEMENT OF CONSTRUCTION.
- SIGN SHALL BE ON RETROREFLECTIVE PRISMATIC FLORESCENT ORANGE; BLACK LEGEND. CONTRACTOR SHALL INSTALL SIGN #4 BELOW SIGN #0 PRIOR TO ANY PHASE CHANGE AND MAINTAIN FOR 5 DAYS AFTER CHANGE.

ADDENDA / REVISIONS	

OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	D. WARING
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

WARNING SIGN LOCATION MAP	
SECTION	WRA
SHEET NO.	23

- PHASE 1 - SEQUENCE OF CONSTRUCTION
- 1

INSTALL PEDESTRIAN DETOUR PLAN PHASE 1.
- 2

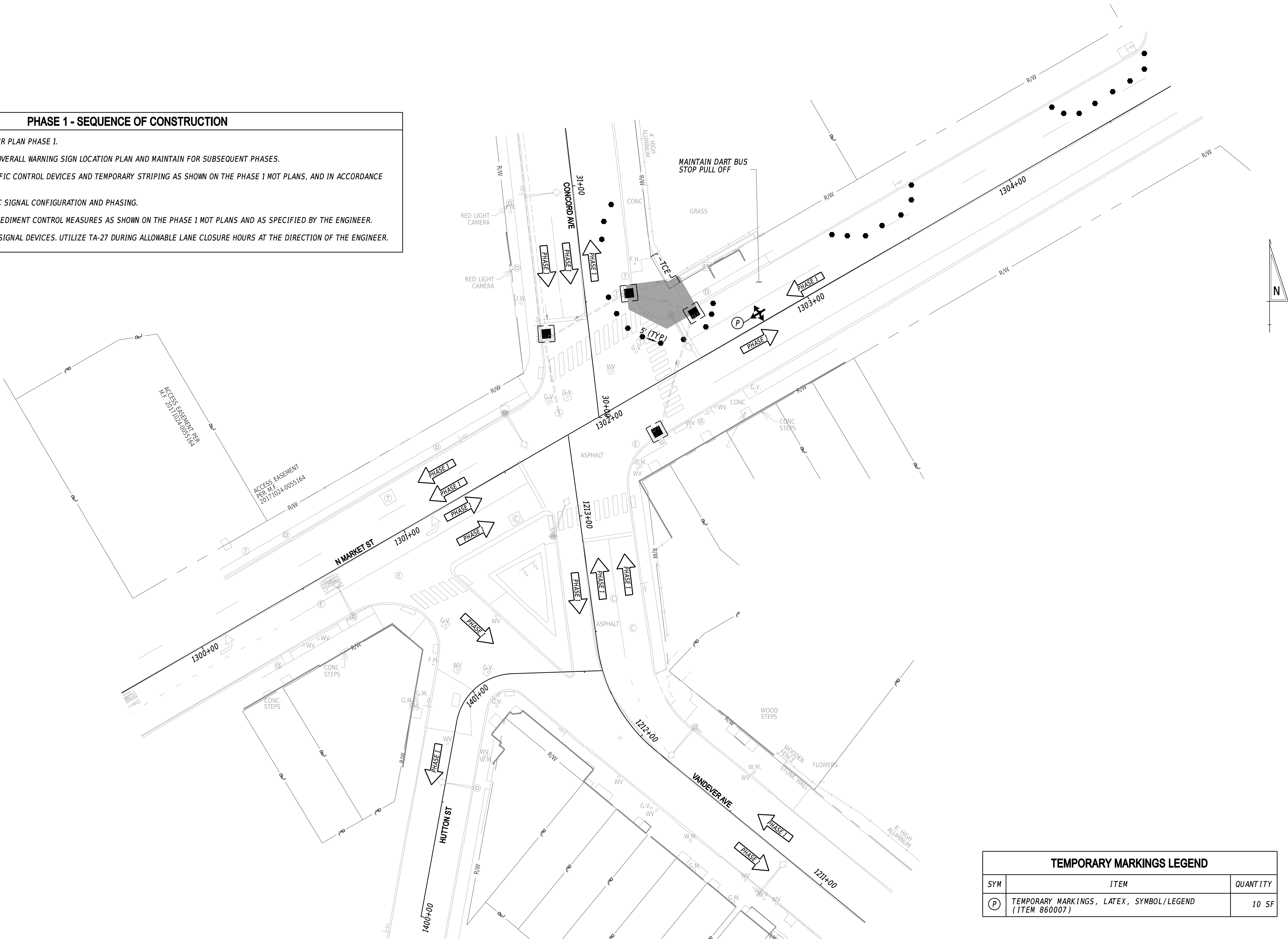
INSTALL SIGNAGE PER THE OVERALL WARNING SIGN LOCATION PLAN AND MAINTAIN FOR SUBSEQUENT PHASES.
- 3

PLACE ALL PERTINENT TRAFFIC CONTROL DEVICES AND TEMPORARY STRIPING AS SHOWN ON THE PHASE 1 MOT PLANS, AND IN ACCORDANCE WITH THE DE MUTCD.
- 4

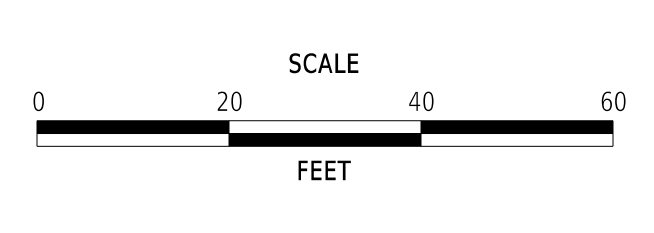
MAINTAIN EXISTING TRAFFIC SIGNAL CONFIGURATION AND PHASING.
- 5

INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PHASE 1 MOT PLANS AND AS SPECIFIED BY THE ENGINEER.
- 6

EXCAVATE AND CONSTRUCT SIGNAL DEVICES. UTILIZE TA-27 DURING ALLOWABLE LANE CLOSURE HOURS AT THE DIRECTION OF THE ENGINEER.



TEMPORARY MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(P)	TEMPORARY MARKINGS, LATEX, SYMBOL/LEGEND (ITEM 860007)	10 SF



OLD BRANDYWINE VILLAGE

STREETSCAPE IMPROVEMENTS,

PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	D.WARING
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

CONSTRUCTION PHASING,

M.O.T. AND EROSION

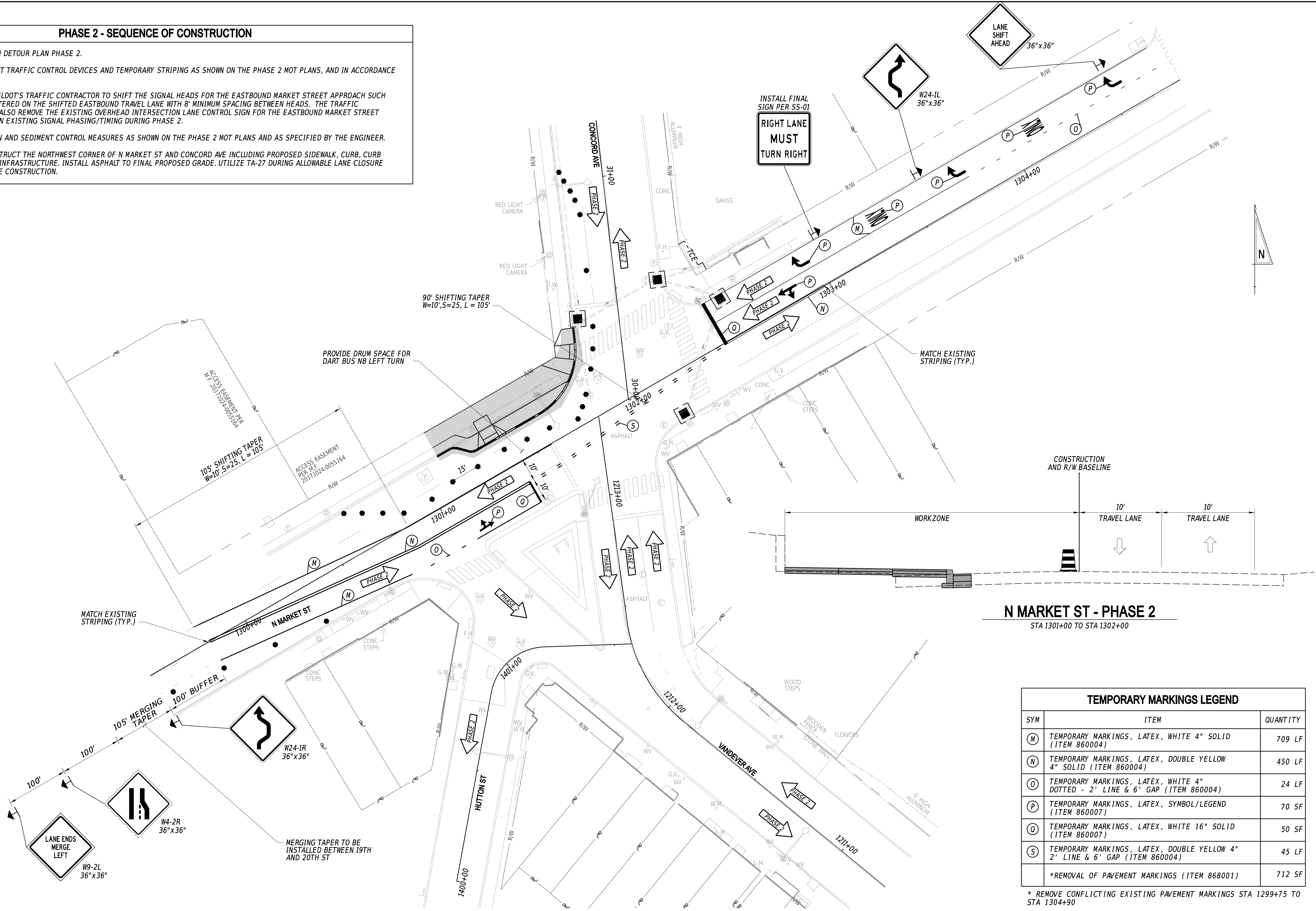
CONTROL PLANS - PHASE 1

SECTION
WRA
SHEET NO.
24

ADDENDA / REVISIONS	

PHASE 2 - SEQUENCE OF CONSTRUCTION

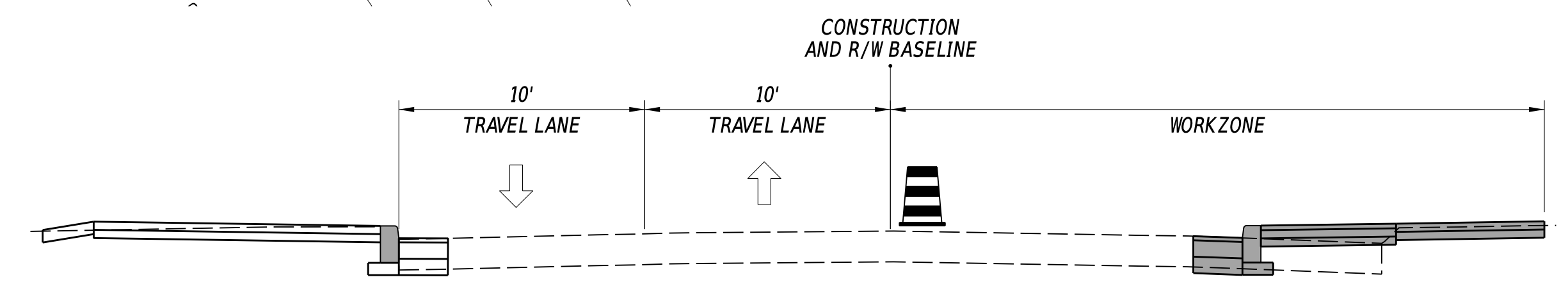
- 1 INSTALL PEDESTRIAN DETOUR PLAN PHASE 2.
- 2 PLACE ALL PERTINENT TRAFFIC CONTROL DEVICES AND TEMPORARY STRIPING AS SHOWN ON THE PHASE 2 MOT PLANS, AND IN ACCORDANCE WITH THE DE MUTCD.
- 3 COORDINATE WITH DELDOT'S TRAFFIC CONTRACTOR TO SHIFT THE SIGNAL HEADS FOR THE EASTBOUND MARKET STREET APPROACH SUCH THAT THEY ARE CENTERED ON THE SHIFTED EASTBOUND TRAVEL LANE WITH 8' MINIMUM SPACING BETWEEN HEADS. THE TRAFFIC CONTRACTOR SHALL ALSO REMOVE THE EXISTING OVERHEAD INTERSECTION LANE CONTROL SIGN FOR THE EASTBOUND MARKET STREET APPROACH. MAINTAIN EXISTING SIGNAL PHASING/TIMING DURING PHASE 2.
- 4 INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PHASE 2 MOT PLANS AND AS SPECIFIED BY THE ENGINEER.
- 5 EXCAVATE AND CONSTRUCT THE NORTHWEST CORNER OF N MARKET ST AND CONCORD AVE INCLUDING PROPOSED SIDEWALK, CURB, CURB RAMPS, AND SIGNAL INFRASTRUCTURE. UTILIZE TA-27 DURING ALLOWABLE LANE CLOSURE HOURS TO FACILITATE CONSTRUCTION.



- ① REOPEN PEDESTRIAN CROSSWALK ON THE CONCORD AVE LEG OF THE INTERSECTION. BAG PEDESTRIAN SIGNAL HEADS UNTIL FULL SIGNAL IS CONSTRUCTED.
- ② INSTALL PEDESTRIAN DETOUR PLAN PHASE 3.
- ③ CONTRACTOR SHALL EMAIL DOTDETOURS@DELAWARE.GOV TWO WEEKS BEFORE BUS STOP #816 WILL BE CLOSED FOR CONSTRUCTION DURING PHASE 3, NOTIFYING DART WHEN THE STOP WILL BE CLOSED AND ESTIMATED DATE FOR REOPENING.
- ④ PLACE ALL PERTINENT TRAFFIC CONTROL DEVICES AND TEMPORARY STRIPING AS SHOWN ON THE PHASE 3 MOT PLANS, AND IN ACCORDANCE WITH THE DE MUTCD.
- ⑤ COORDINATE WITH DELDOT'S TRAFFIC CONTRACTOR TO SHIFT THE SIGNAL HEADS FOR THE EASTBOUND AND WESTBOUND MARKET STREET APPROACHES AND NORTHBOUND VANDEVER AVENUE APPROACH SUCH THAT THE SIGNAL HEADS ARE CENTERED OVER EACH APPROACH LANE WITH 8' MINIMUM SPACING BETWEEN SIGNAL HEADS. MAINTAIN EXISTING SIGNAL PHASING/TIMING AND MAINTAIN THE EXISTING SPAN WIRE POLE ON THE SOUTHEAST CORNER DURING PHASE 3.
- ⑥ INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PHASE 3 MOT PLANS AND AS SPECIFIED BY THE ENGINEER.
- ⑦ EXCAVATE AND CONSTRUCT THE SOUTHEAST CORNER OF N MARKET ST AND CONCORD AVE INCLUDING PROPOSED LIGHTING, SIDEWALK, CURB, PEDESTRIAN CONNECTIONS, AND SIGNAL DEVICES. INSTALL ASPHALT TO FINAL PROPOSED GRADE. UTILIZE TA-27 DURING ALLOWABLE LANE CLOSURE HOURS TO FACILITATE CONSTRUCTION.

* REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS STA 1299+75 TO STA 1304+90, AND STA 30+40 TO STA 31+40.

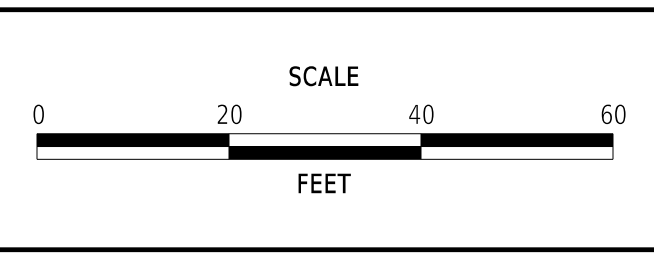
* REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS STA 1299+75 TO STA 1304+90, AND STA 30+40 TO STA 31+40.



N MARKET ST - PHASE 3

STA 1302+00 TO STA 1303+00

ADDENDA / REVISIONS	



**OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2**

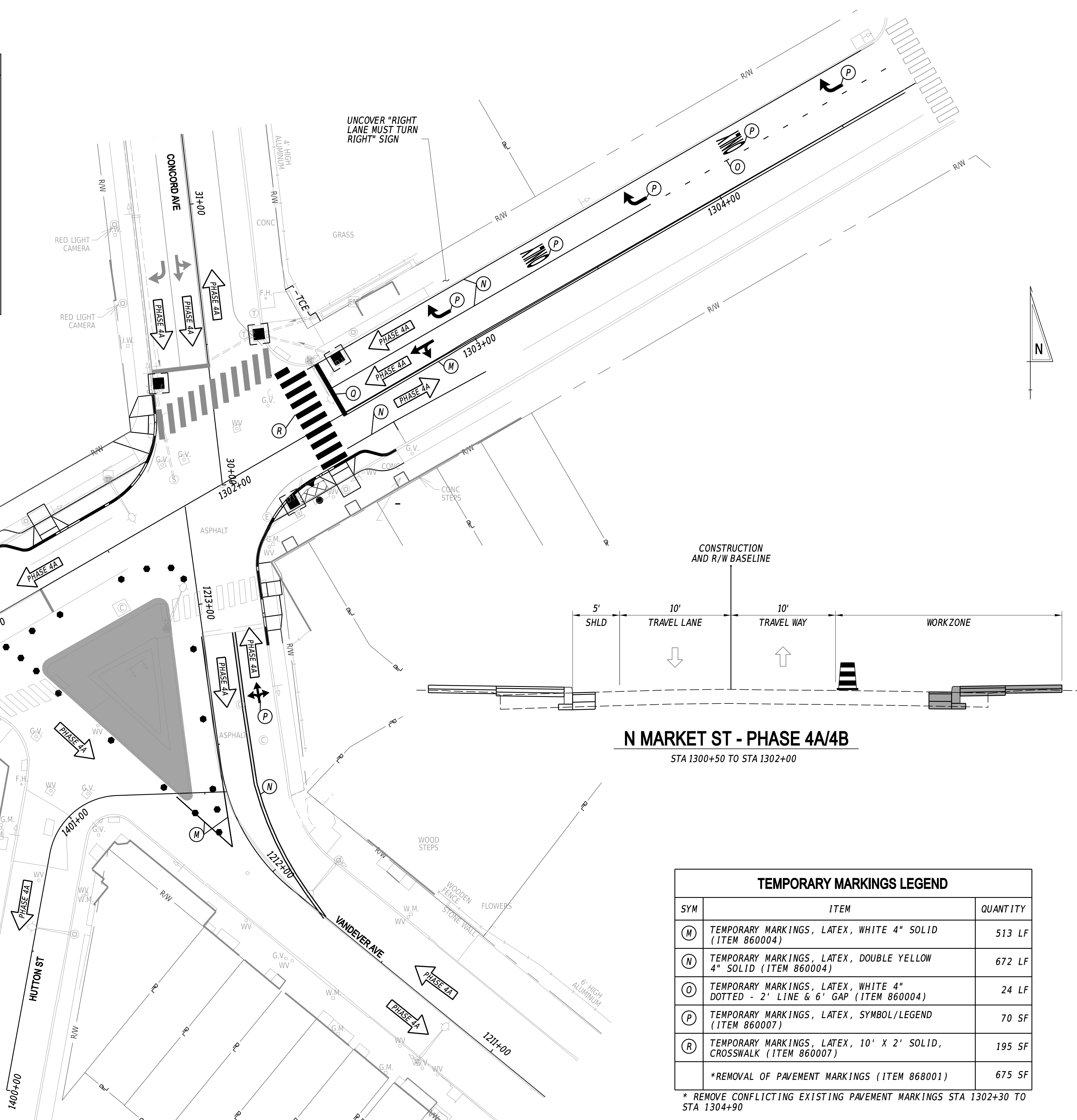
CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	D.WARING
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

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

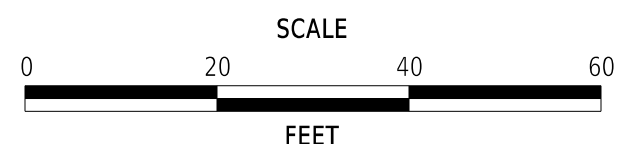
SECTION
WRA
SHEET NO.
26

PHASE 4A - SEQUENCE OF CONSTRUCTION

- 1 COMPLETE CONSTRUCTION OF PROPOSED TRAFFIC SIGNAL INFRASTRUCTURE, INCLUDING NEW CABINET, SERVICE FEED AND MAST ARM POLE BASE IN THE SOUTHWEST CORNER ISLAND. COORDINATE WITH DELDOT'S TRAFFIC CONTRACTOR TO INSTALL ALL ABOVE-GROUND SIGNAL EQUIPMENT, ACTIVATE THE NEW TRAFFIC SIGNAL, AND REMOVE ALL EXISTING SIGNAL EQUIPMENT. THE TRAFFIC CONTRACTOR SHALL SHIFT THE SIGNAL HEADS FOR THE NORTHBOUND VANDEVER AVENUE APPROACH SUCH THAT THEY ARE CENTERED OVER THE NORTHBOUND APPROACH LANE WITH 8' MINIMUM SPACING BETWEEN SIGNAL HEADS, AND SHIFT THE WESTBOUND MARKET STREET SIGNAL HEADS SUCH THAT ONE SIGNAL HEAD IS CENTERED OVER EACH WESTBOUND APPROACH LANE. BAG ALL PEDESTRIAN SIGNAL HEADS UNTIL PROJECT IS SUBSTANTIALLY COMPLETE.
- 2 REOPEN PEDESTRIAN CROSSWALK ON EASTERN LEG OF MARKET ST AND CONCORD AVE INTERSECTION. BAG PEDESTRIAN SIGNAL HEADS UNTIL FULL SIGNAL IS CONSTRUCTED.
- 3 INSTALL PEDESTRIAN DETOUR PLAN PHASE 4.
- 4 PLACE ALL PERTINENT TRAFFIC CONTROL DVEICES AND TEMPORARY STRIPING AS SHOWN ON THE PHASE 4A MOT PLANS, AND IN ACCORDANCE WITH THE DE MUTCD.
- 5 INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PHASE 4A MOT PLANS AND AS SPECIFIED BY THE ENGINEER.
- 6 COORDINATE WITH DELMARVA POWER TO REMOVE IMPACTED UTILITY POLE IN THE SOUTHWEST CHANNELIZING ISLAND. PARTIALLY DEMOLISH AND PAVE THE EXISTING CHANELZING ISLAND ON THE SOUTHWEST CORNER OF N MARKET ST AND CONCORD AVE TO FACILIATE RIGHT TURNS DURING PHASE 4B. INSTALL ASPHALT TO FINAL PROPOSED GRADE.



ADDENDA / REVISIONS



OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT
T202120003
COUNTY
NEW CASTLE

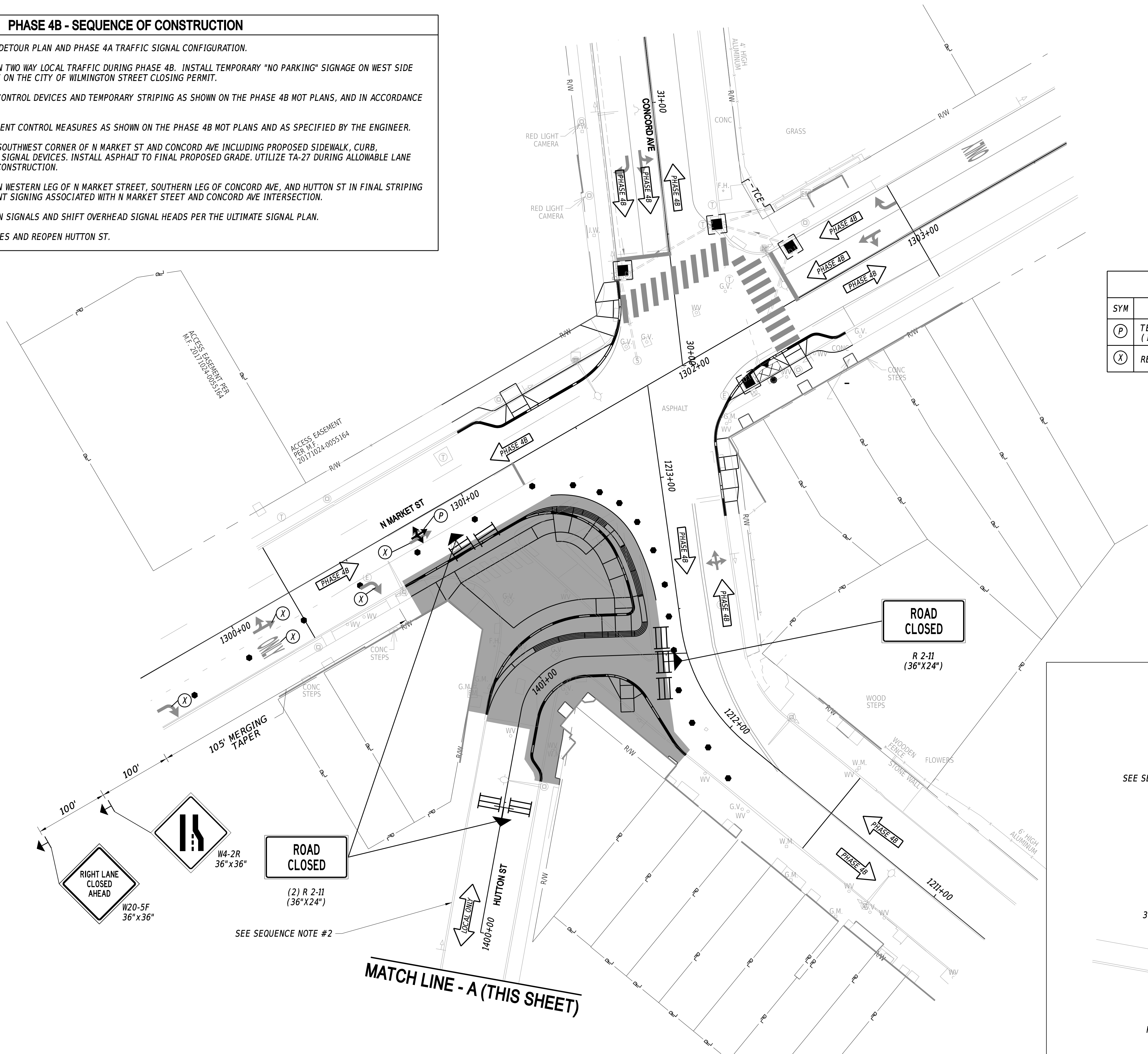
BRIDGE NO. N/A
DESIGNED BY: D. WARING
CHECKED BY: V. KOWALSKI

CONSTRUCTION PHASING,
M.O.T. AND EROSION
CONTROL PLANS - PHASE 4A

SECTION
WRA
SHEET NO.
27

PHASE 4B - SEQUENCE OF CONSTRUCTION

- 1 MAINTAIN PHASE 4 PEDESTRIAN DETOUR PLAN AND PHASE 4A TRAFFIC SIGNAL CONFIGURATION.
- 2 CLOSE HUTTON STREET, MAINTAIN TWO WAY LOCAL TRAFFIC DURING PHASE 4B. INSTALL TEMPORARY "NO PARKING" SIGNAGE ON WEST SIDE OF HUTTON STREET PER NOTE #7 ON THE CITY OF WILMINGTON STREET CLOSING PERMIT.
- 3 PLACE ALL PERTINENT TRAFFIC CONTROL DEVICES AND TEMPORARY STRIPING AS SHOWN ON THE PHASE 4B MOT PLANS, AND IN ACCORDANCE WITH THE DE MUTCD.
- 4 INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PHASE 4B MOT PLANS AND AS SPECIFIED BY THE ENGINEER.
- 5 EXCAVATE AND CONSTRUCT THE SOUTHWEST CORNER OF N MARKET ST AND CONCORD AVE INCLUDING PROPOSED SIDEWALK, CURB, PEDESTRIAN CONNECTIONS, AND SIGNAL DEVICES. INSTALL ASPHALT TO FINAL PROPOSED GRADE. UTILIZE TA-27 DURING ALLOWABLE LANE CLOSURE HOURS TO FACILITATE CONSTRUCTION.
- 6 INSTALL TEMPORARY STRIPING ON WESTERN LEG OF N MARKET STREET, SOUTHERN LEG OF CONCORD AVE, AND HUTTON ST IN FINAL STRIPING CONFIGURATION. INSTALL PERMANT SIGNING ASSOCIATED WITH N MARKET STEET AND CONCORD AVE INTERSECTION.
- 7 ACTIVATE PROPOSED PEDESTRIAN SIGNALS AND SHIFT OVERHEAD SIGNAL HEADS PER THE ULTIMATE SIGNAL PLAN.
- 8 REMOVE TRAFFIC CONTROL DEVICES AND REOPEN HUTTON ST.

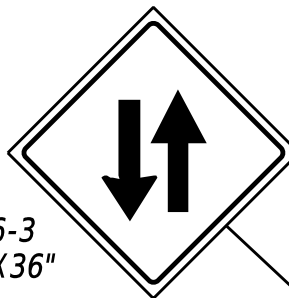


TEMPORARY MARKINGS LEGEND

SYM	ITEM	QUANTITY
(P)	TEMPORARY MARKINGS, LATEX, SYMBOL/LEGEND (ITEM 860007)	10 SF
(X)	REMOVAL OF PAVEMENT MARKINGS (ITEM 868001)	50 SF

MATCH LINE - A (THIS SHEET)

SEE SEQUENCE NOTE #2



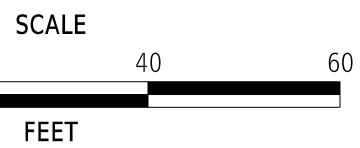
HUTTON ST

ROAD CLOSED
LOCAL TRAFFIC ONLY
R 11-3A
(36\"/>

REMOVE ONE-WAY SIGN

RACE ST

ADDENDA / REVISIONS



OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT

T202120003

COUNTY

NEW CASTLE

BRIDGE NO.

N/A

DESIGNED BY:

D. WARIING

CHECKED BY:

V. KOWALSKI

CONSTRUCTION PHASING,
M.O.T. AND EROSION
CONTROL PLANS - PHASE 4B

SECTION

WRA

SHEET NO.

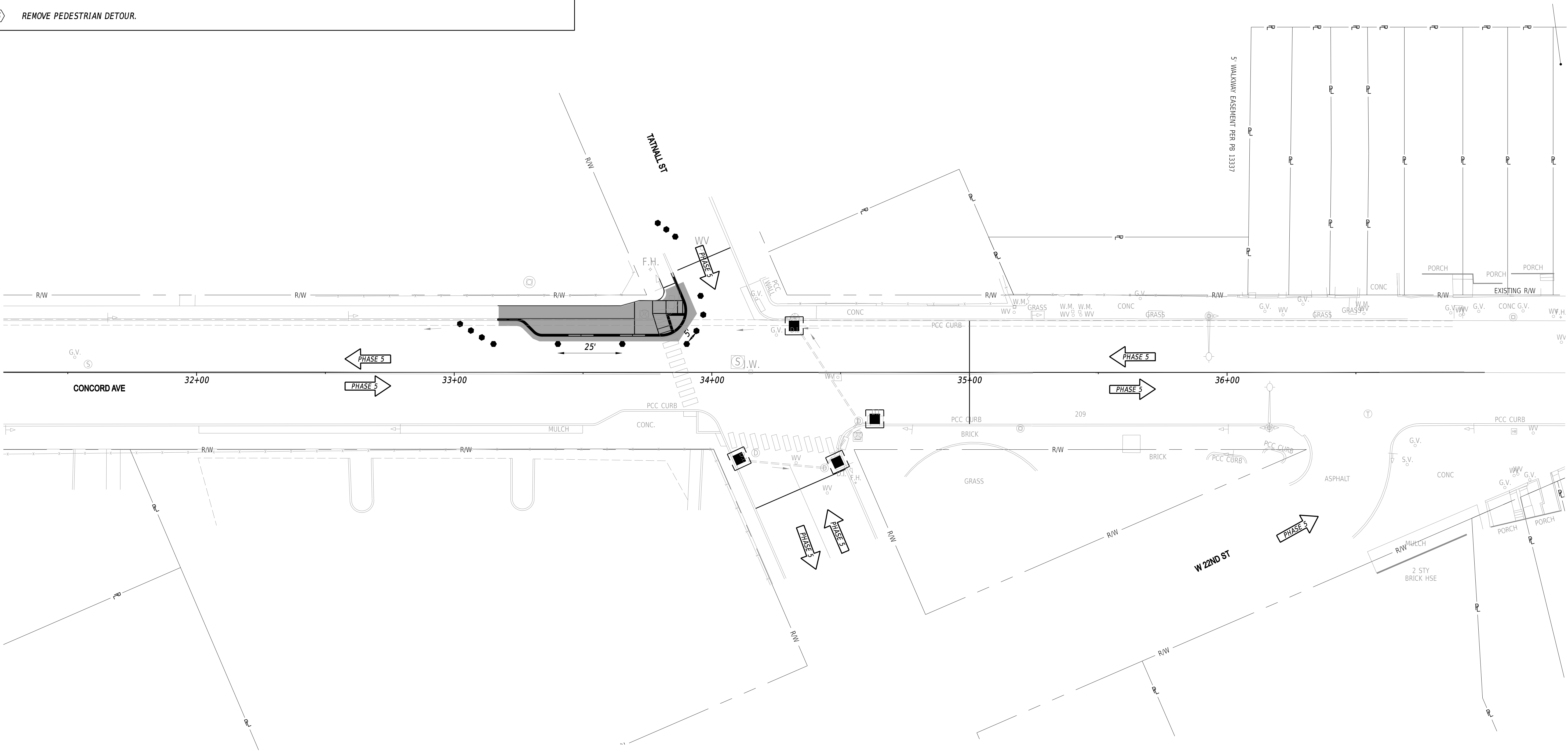
28

PHASE 5 - SEQUENCE OF CONSTRUCTION

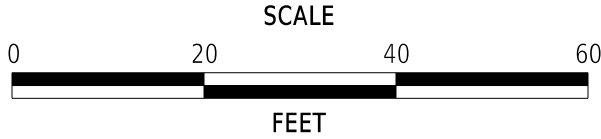
- 1
- INSTALL PEDESTRIAN DETOUR PLAN PHASE 5.
- 2
- PLACE ALL PERTINENT TRAFFIC CONTROL DVEICES AND TEMPORARY STRIPING AS SHOWN ON THE PHASE 5 MOT PLANS, AND IN ACCORDANCE WITH THE DE MUTCD.
- 3
- INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PHASE 5 MOT PLANS AND AS SPECIFIED BY THE ENGINEER.
- 4
- EXCAVATE AND CONSTRUCT THE NORTHWEST CORNER OF TATNALL ST AND CONCORD AVE INCLUDING PROPOSED SIDEWALK, CURB, AND CURB RAMPS. INSTALL ASPHALT TO FINAL PROPOSED GRADE. UTILIZE TA-27 DURING ALLOWABLE LANE CLOSURE HOURS TO FACILIATE CONSTRUCTION.
- 5
- REMOVE PEDESTRIAN DETOUR.

PHASE 6 - SEQUENCE OF CONSTRUCTION

- 1
- MILL AND OVERLAY THE PROJECT LIMITS AND INSTALL FINAL STRIPING. UTILIZE TYPICAL APPLICATIONS NOTED WITH THE GENERAL TRAFFIC CONTROL NOTES AS DIRECTED BY THE ENGINEER.



ADDENDA / REVISIONS



OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	D. WARING
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

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

SECTION
WRA
SHEET NO.
29

[illegible]

SEAL

NOT TO SCALE

SECTION
WRA
SHEET NO.
30

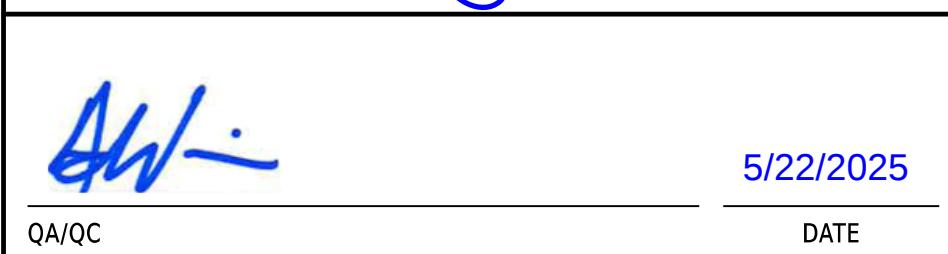
Q

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.

DATE _____

[illegible][illegible]

Kyle Clever 5/23/2025
THIS SEAL ONLY APPLIES TO THIS DETOUR SHEET DATE



ADDENDA / REVISIONS	

NOT TO SCALE

OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2

CONTRACT
T202120003
COUNTY
NEW CASTLE

DP-02		TRAFFIC SAFETY
PERMIT NO.	N/A	
DESIGNED BY:	D. WARING	
CHECKED BY:	V. KOWALSKI	

PEDESTRIAN DETOUR PLAN
PHASE 2

SECTION
WRA
SHEET NO.
31

LEGEND

 M4-9b-DE	 M4-9b-DE	 M4-9b-DE
 M4-9b-DE	 M4-9b-DE	 M4-9b-DE1

 R9-8 G	 R9-10 H		
 R9-11(L) I	 R9-11(R) J		
 R9-11a(L) K	 R9-11a(R) L	 R9-9(MOD) M	
 R9-9 N	 R9-9(MOD) O	 R9-9(MOD) P	 Q

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.

5/30/2025

TRAFFIC SAFETY _____ DATE _____

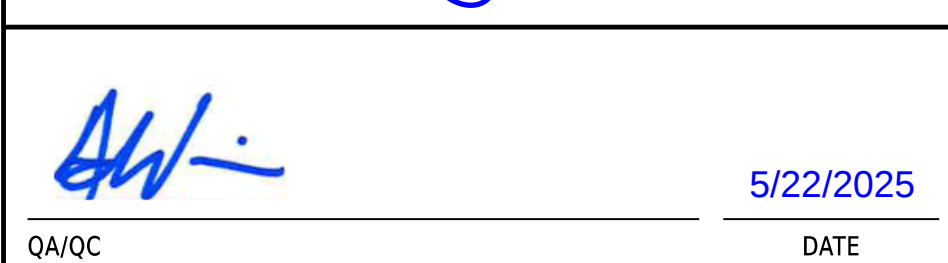
TRAFFIC SAFETY _____ DATE _____

DATE _____

LAST REVISED: 9/11/2018
5/19/2025
1:28:01 PM
N:\32147-011\CADD\DP02

[illegible][illegible]

5/23/2025
DATE



ADDENDA / REVISIONS	

NOT TO SCALE

OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2

CONTRACT
T202120003
COUNTY
NEW CASTLE

PERMIT NO.	N/A
DESIGNED BY:	D. WARING
CHECKED BY:	V. KOWALSKI

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) 	

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.

	5/30/2025
TRAFFIC SAFETY	DATE

N/A	PEDESTRIAN DETOUR PLAN PHASE 5	SECTION
D. WARING		WRA
V. KOWALSKI		SHEET NO.
		34

PEDESTRIAN DETOUR PLAN PHASE 5	SECTION
	WRA
	SHEET NO.
	34

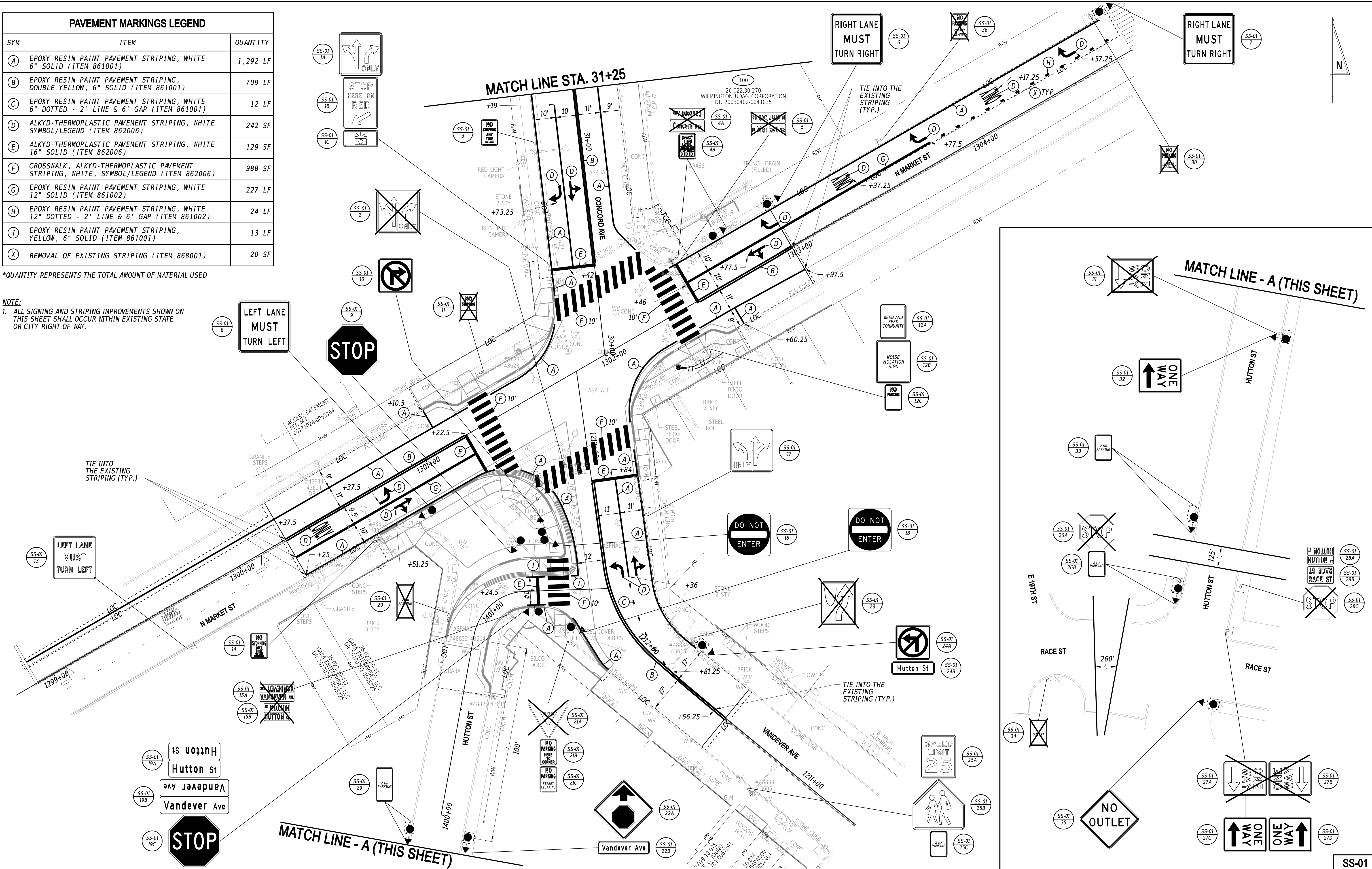
SECTION
WRA
SHEET NO.
34

LAST REVISED: 9/11/2018
5/19/2025
1:28:04 PM
N:\32147-011\CADD\DP05_OBV2.dgn

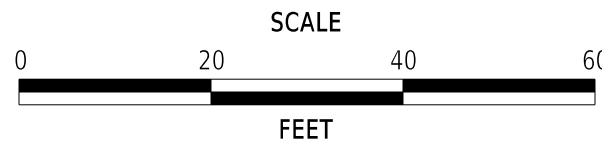
PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	1,292 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, DOUBLE YELLOW, 6" SOLID (ITEM 861001)	709 LF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	12 LF
(D)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND (ITEM 862006)	242 SF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	129 SF
(F)	CROSSWALK, ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE, SYMBOL/LEGEND (ITEM 862006)	988 SF
(G)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" SOLID (ITEM 861002)	227 LF
(H)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 12" DOTTED - 2' LINE & 6' GAP (ITEM 861002)	24 LF
(I)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW, 6" SOLID (ITEM 861001)	13 LF
(X)	REMOVAL OF EXISTING STRIPING (ITEM 868001)	20 SF

*QUANTITY REPRESENTS THE TOTAL AMOUNT OF MATERIAL USED

NOTE:
1. ALL SIGNING AND STRIPING IMPROVEMENTS SHOWN ON THIS SHEET SHALL OCCUR WITHIN EXISTING STATE OR CITY RIGHT-OF-WAY.



ADDENDA / REVISIONS



OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT
T202120003
COUNTY
NEW CASTLE

BRIDGE NO.
N/A
DESIGNED BY:
D. GUNYUZLU
CHECKED BY:
V. KOWALSKI

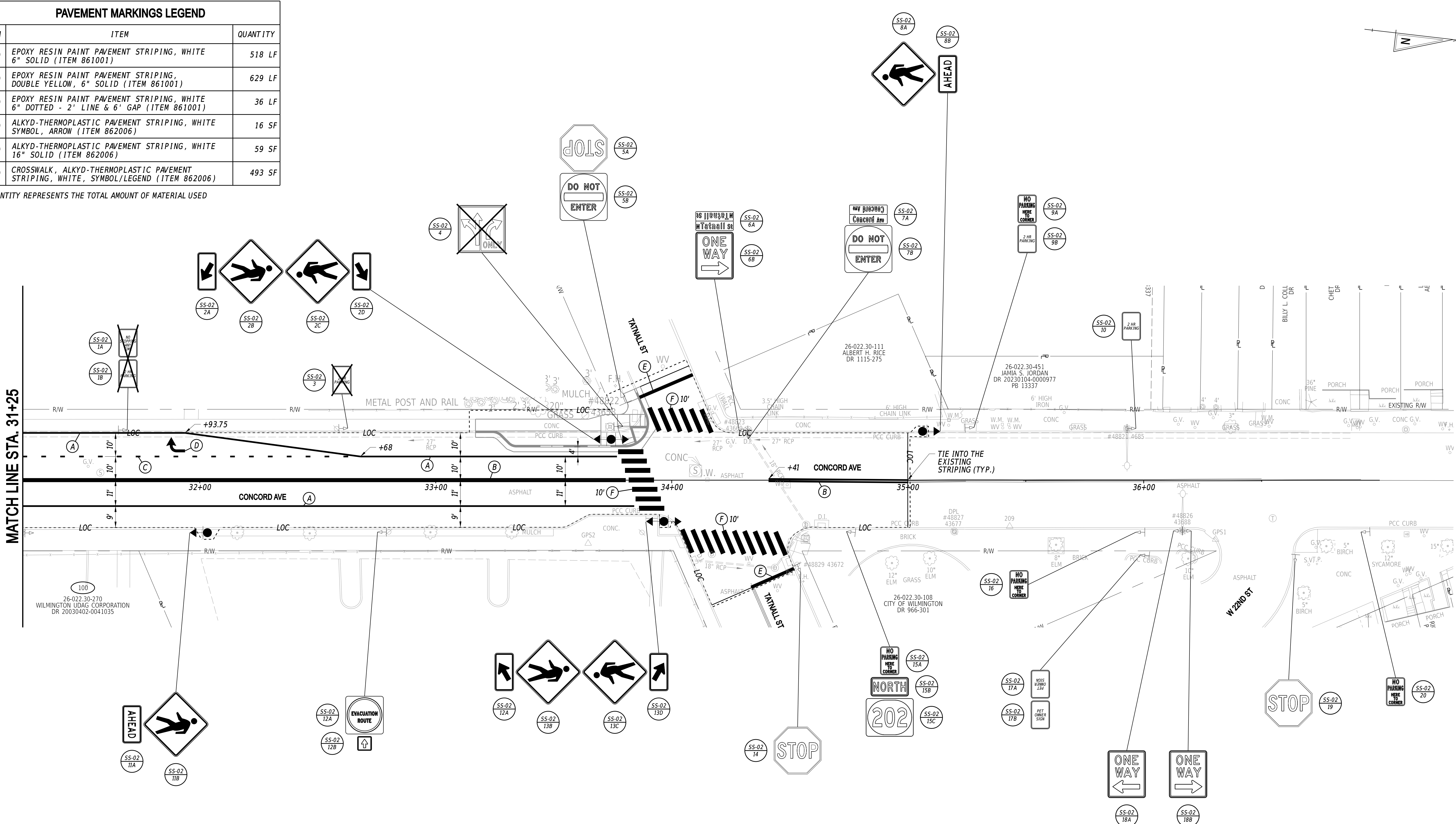
SIGNING AND STRIPING PLANS

SS-01
SECTION
WRA
SHEET NO.
35

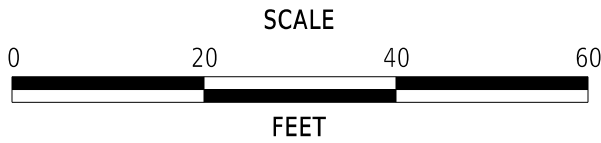
PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 861001)	518 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, DOUBLE YELLOW, 6" SOLID (ITEM 861001)	629 LF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" DOTTED - 2' LINE & 6' GAP (ITEM 861001)	36 LF
(D)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL, ARROW (ITEM 862006)	16 SF
(E)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 862006)	59 SF
(F)	CROSSWALK, ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE, SYMBOL/LEGEND (ITEM 862006)	493 SF

*QUANTITY REPRESENTS THE TOTAL AMOUNT OF MATERIAL USED

MATCH LINE STA. 31+25



ADDENDA / REVISIONS



OLD BRANDYWINE VILLAGE
STREETSCAPE IMPROVEMENTS,
PHASE 2

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY:	D. GUNYUZLU
COUNTY	CHECKED BY:	V. KOWALSKI
NEW CASTLE		

SIGNING AND STRIPING PLANS

SS-02
SECTION
WRA
SHEET NO.
36

A horizontal scale bar with a black top line and a white bottom line. The word "SCALE" is centered above the bar, and "FEET" is centered below it. Numerical markings are placed at 0, 20, 40, and 60 along the top line. The bar is divided into four equal segments by vertical tick marks at these values.

CONTRACT	BRIDGE NO.	N/A
T202120003		
COUNTY	DESIGNED BY: D. GUNYUZLU	
NEW CASTLE	CHECKED BY: V. KOWALSKI	

SECTION
WRA
SHEET NO.
37

NOTE: NO EXISTING CONDUIT. REMOVE ALL (AERIAL) SIGNAL EQUIPMENT.
TYPES: HDPE, PVC, RGS
INSTALL METHODS: B=BORE, IB=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH
**SEE NOTE 14

STAY CROSSING
Watch For
Vehicles

DON'T STAY
Watch Crossing

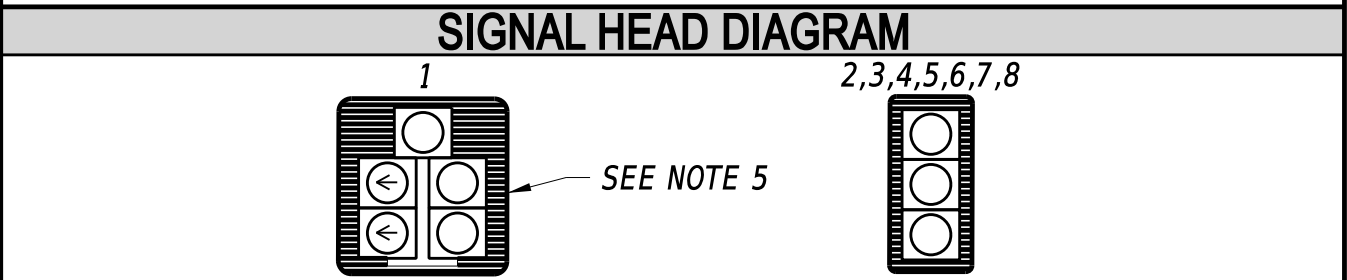
DON'T CROSS

TO CROSS
PUSH BUTTON

CONCORD
(BRAILLE)

ROLLING ROAD
SSORS OIL

INSTALL APS STATION
(SEE NOTES 6 & 7)



	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		

1. ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MSU 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.


Whitman, Reardon and Associates, LLP
 Engineers • Architects • Environmental Planners Est. 1915


 10/23/2025

DATE


 SEAL

CHIEF OF TRAFFIC ENGINEERING

SECTION
WRA
SHEET NO.
20

A horizontal scale bar with a black border. The word "SCALE" is centered above the bar, and "FEET" is centered below it. The bar has four major tick marks labeled "0", "20", "40", and "60" from left to right. The bar is divided into segments: a white segment from 0 to 20, a black segment from 20 to 40, and a white segment from 40 to 60.

CONTRACT	PERMIT NO.	W683, NCAM207, NBT0091
T202120003	DESIGNED BY:	D. GUNYUZLU
COUNTY	CHECKED BY:	D. HEHMAN
NEW CASTLE		

SECTION
WRA
SHEET NO.
20

V:\JZ\7-011\CAD\01001_00VZ.VG

VALERIE SKELLIE
LICENSE
No. 20156
DELAWARE
PROFESSIONAL ENGINEER
SEAL



RIGHT-OF-WAY FEATURES		
FEATURE DESCRIPTION	EXISTING	PROPOSED
DENIAL OF ACCESS	 DA	 DA
EASEMENT - OTHERS	 EASEMENT TYPE	
PERMANENT EASEMENT	 PE	 PE
PROPERTY LINE	 PL	
PROPERTY MARKER - CONCRETE		
PROPERTY MARKER - IRON PIPE		
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

ADDENDA / REVISIONS			OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2	CONTRACT	BRIDGE NO.	N/A	RIGHT-OF-WAY PLAN	SECTION
				T202120003	DESIGNED BY: J. SINCLAIR			WRA
				COUNTY	CHECKED BY: V. KOWALSKI			SHEET N
				NEW CASTLE				39

6/12/2026
12:20:01 PM
N:\32147-011\CADD\R801_OBV2.dgn

ASSESSMENT NUMBER		OWNERSHIP OF RECORD						TYPE OF ACQUISITION	TITLE SOURCE	PARCEL AREA (ACRES)	PAGE NUMBER
26-022.30-270		(100) WILMINGTON UDAG CORPORATION						TCE	DR 20030402-0041035	C - 0.196	39
PT. NO.	ALIGN. NO.	STATION	OFFSET*	NORTH	EAST	BEARING	DISTANCE	CHORD BEARING	CHORD LENGTH	ARC LENGTH	RADIUS**
60000	Concord Ave	30+51.51	36.292	638269.1630	621273.1715	N 30°01'20" W	15.831				
60001	Concord Ave	30+66.03	30.000	638282.8704	621265.2504	N 59°58'40" E	3.000				
60002	Concord Ave	30+67.22	32.753	638284.3714	621267.8479	S 30°01'20" E	12.327				
60003	Concord Ave	30+55.91	37.652	638273.6988	621274.0153	N 59°52'59" E	2.279				
60004	Concord Ave	30+56.82	39.742	638274.8423	621275.9868	S 30°07'01" E	3.500				
60005	Concord Ave	30+53.61	41.138	638271.8148	621277.7429	S 59°52'59" W	5.285				
60000	Concord Ave	30+51.51	36.292	638269.1630	621273.1715						
FIGURE 50000 AREA = 55.47 SQ. FT. (0.001 ACRES).											
DEED RECORD OF ACQUISITION:											

LEGEND			
R/W	AREA OF ACQUISITION	RW/PE	RIGHT-OF-WAY BY PE
PE	PERMANENT EASEMENT	*	* - * OFFSET IS LEFT OF BASELINE
TCE	TEMPORARY CONSTRUCTION EASEMENT	**	* - * CURVE TURNS TO THE LEFT

ADDENDA / REVISIONS	

NOT TO SCALE

OLD BRANDYWINE VILLAGE STREETSCAPE IMPROVEMENTS, PHASE 2
--

CONTRACT	BRIDGE NO.	N/A
T202120003	DESIGNED BY: J. SINCLAIR	
COUNTY	CHECKED BY: V. KOWALSKI	
NEW CASTLE		

RIGHT-OF-WAY DATA TABLE	SECTION
	WRA
	SHEET NO.
	40