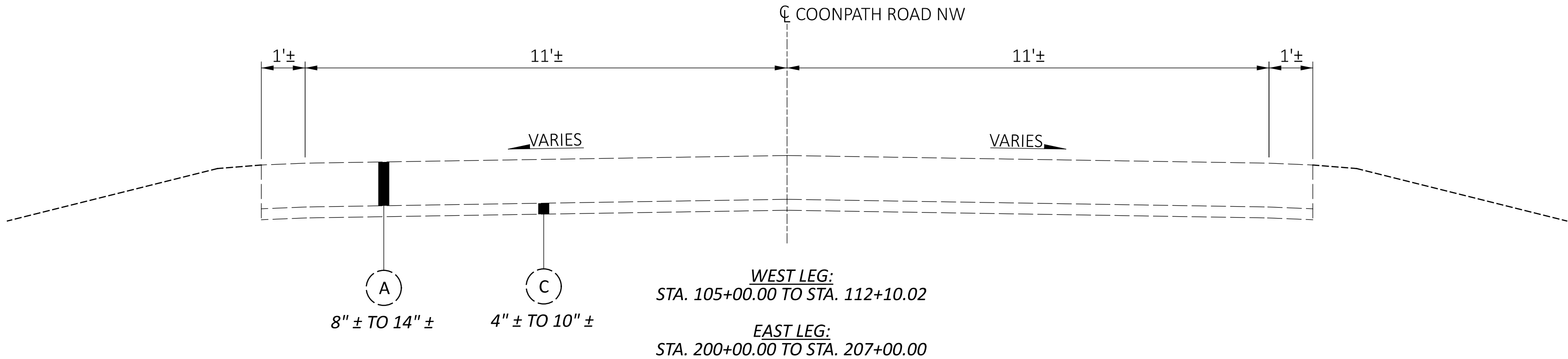
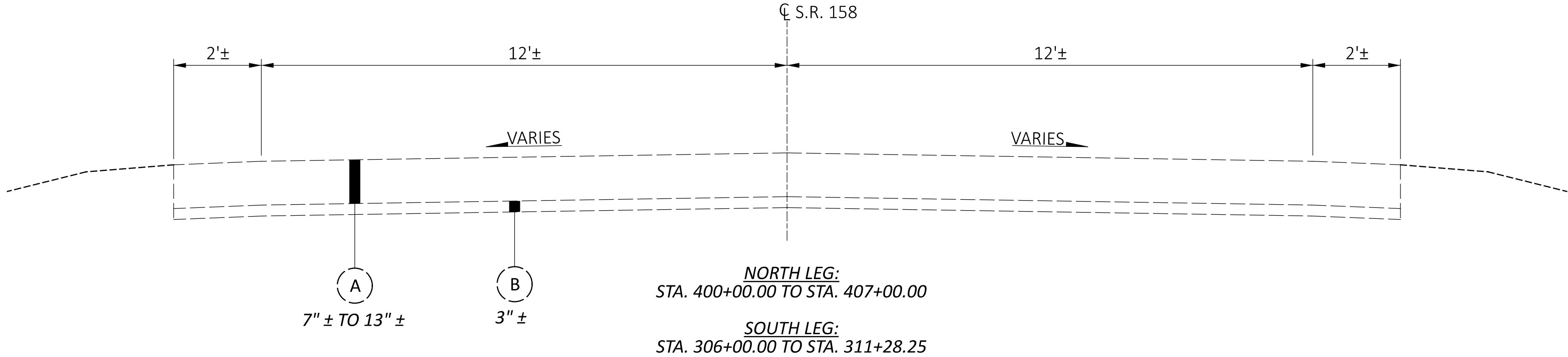


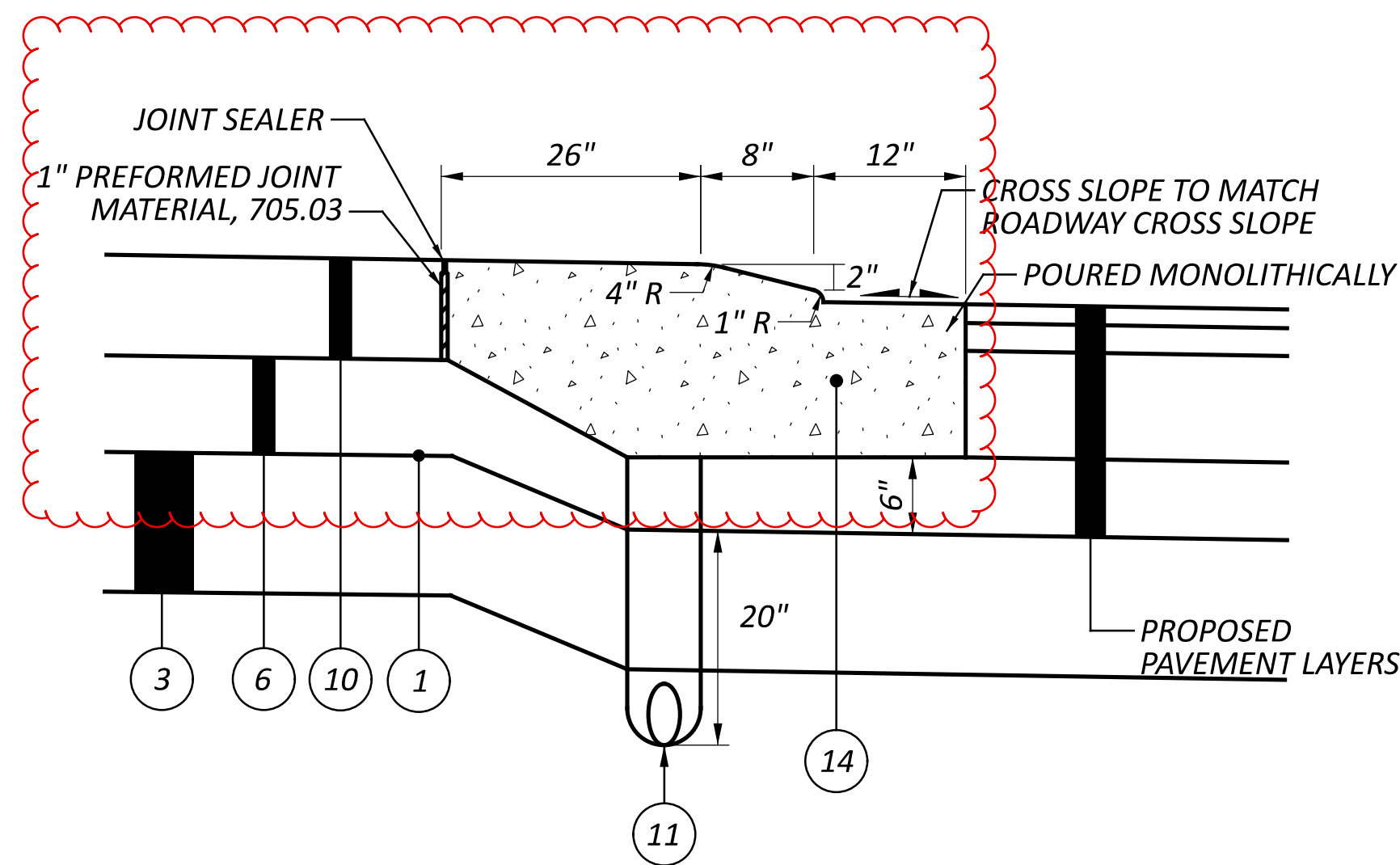
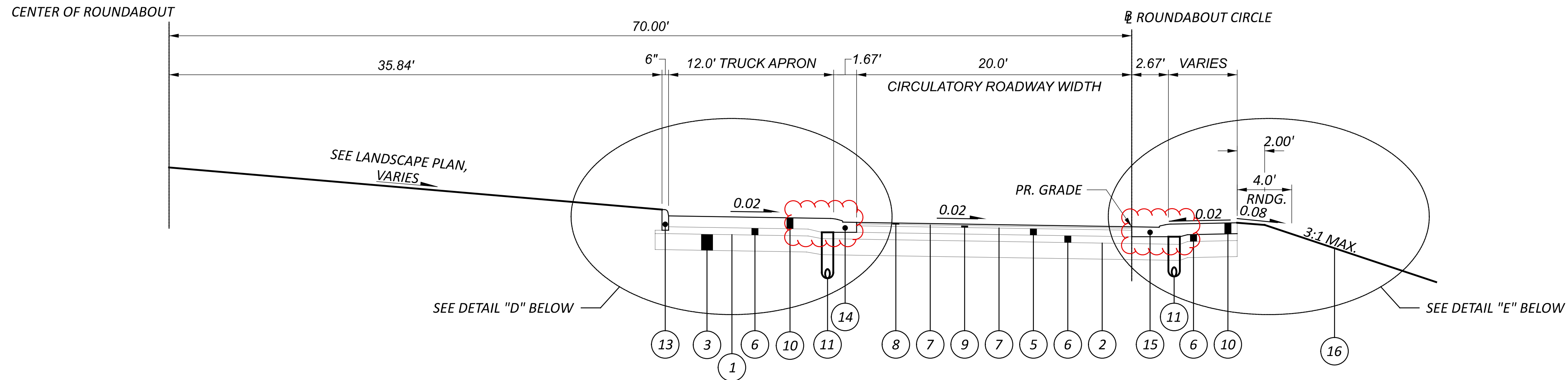
EXISTING LEGEND

- (A) EX. ASPHALT CONCRETE
- (B) EX. BRICK BASE
- (C) EX. AGGREGATE BASE

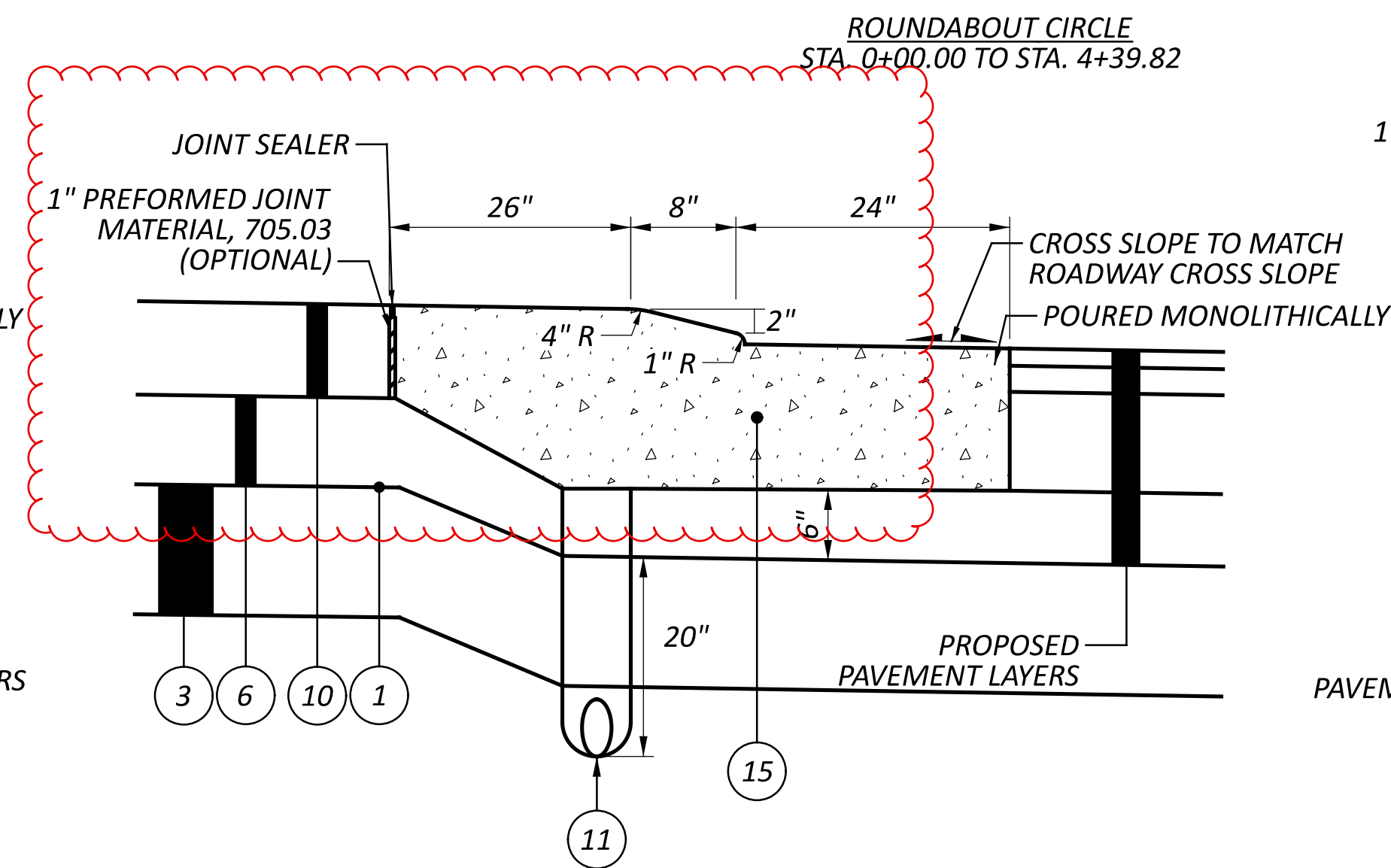
PROPOSED LEGEND

- (1) ITEM 204 - PROOF ROLLING
- (2) ITEM 204 - SUBGRADE COMPACTION
- (3) ITEM 206 - CEMENT STABILIZED SUBGRADE, 14" DEPTH
- (4) ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE, 3.0"
- (5) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22, (449)
- (6) ITEM 304 - 6" AGGREGATE BASE
- (7) ITEM 407 - NON-TRACKING TACK COAT
- (8) ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449) PG70-22M
- (9) ITEM 441 - 1.75" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
- (10) ITEM 452 - 9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, (SEE DETAIL "D" AND DETAIL "E" ON SHEET P.6)
- (11) ITEM 605 - 6" BASE PIPE UNDERDRAIN
- (12) ITEM 609 - 6" CONCRETE TRAFFIC ISLAND, CLASS QC1P, (SEE DETAIL "C" ON SHEET P.6)
- (13) ITEM 609 - CURB, TYPE 6
- (14) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 9, AS PER PLAN - 1, (SEE DETAIL "A" ON SHEET P.6)
- (15) ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 9, AS PER PLAN - 2, (SEE DETAIL "B" ON SHEET P.6)
- (16) ITEM 659 - SEEDING AND MULCHING, CLASS 1
- (17) ITEM 617 - 4" COMPACTED AGGREGATE, AS PER PLAN

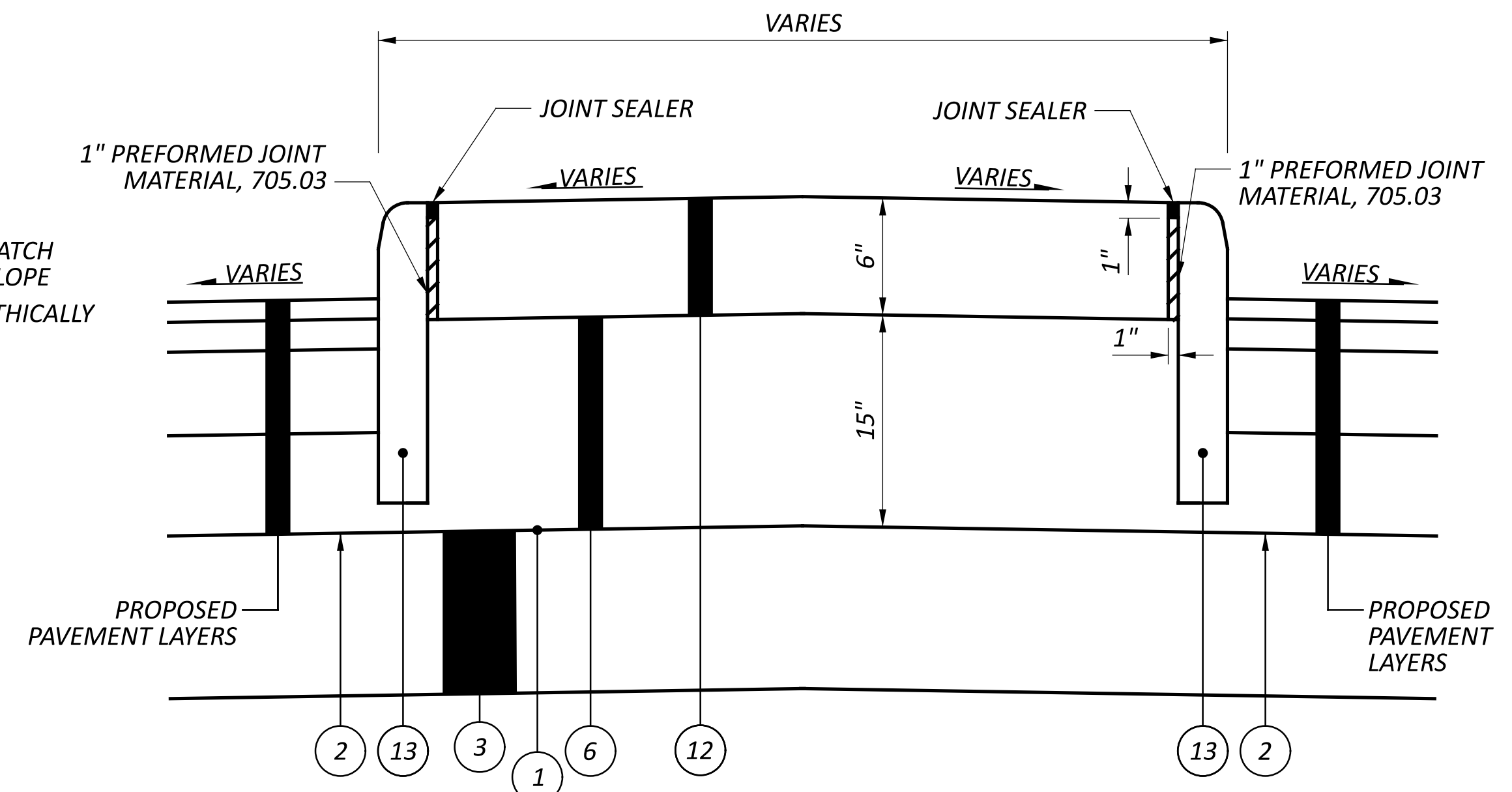




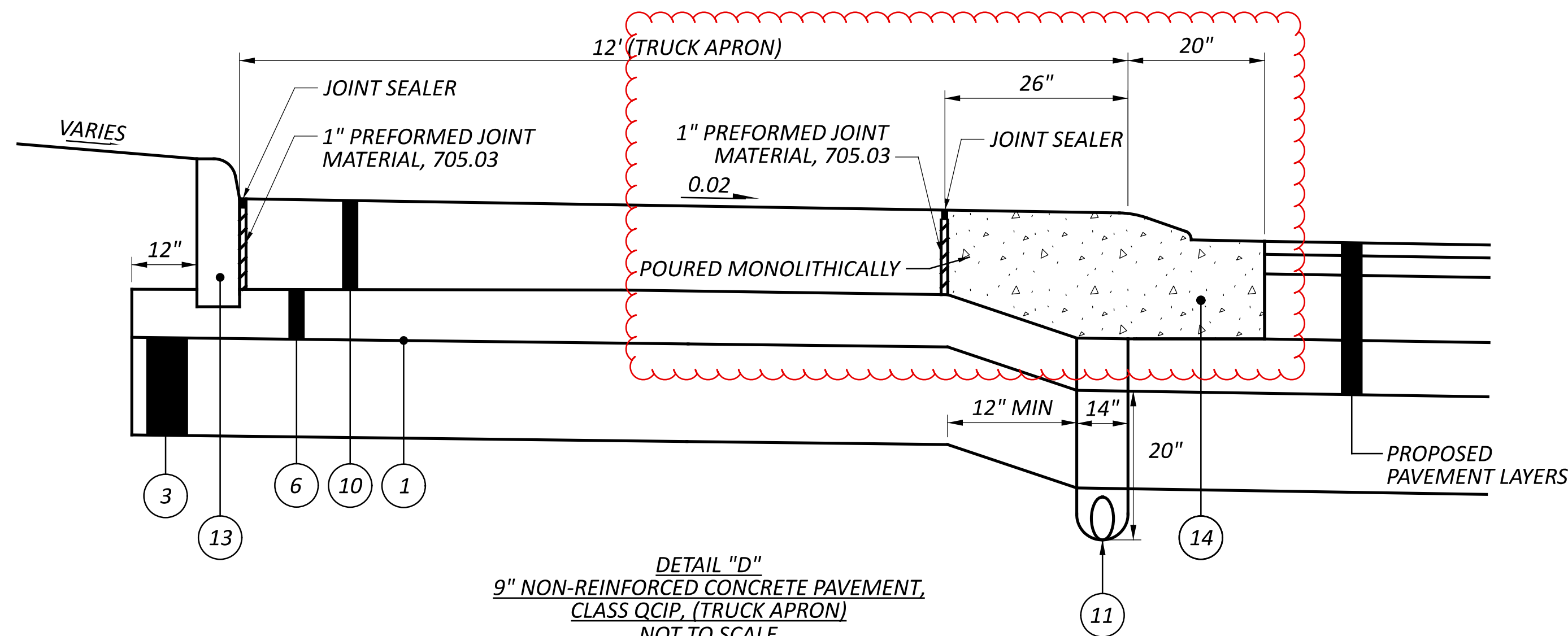
DETAIL "A"
CURB, TYPE 9, AS PER PLAN - 1
NOT TO SCALE
(FOR INSIDE TRUCK APRON)



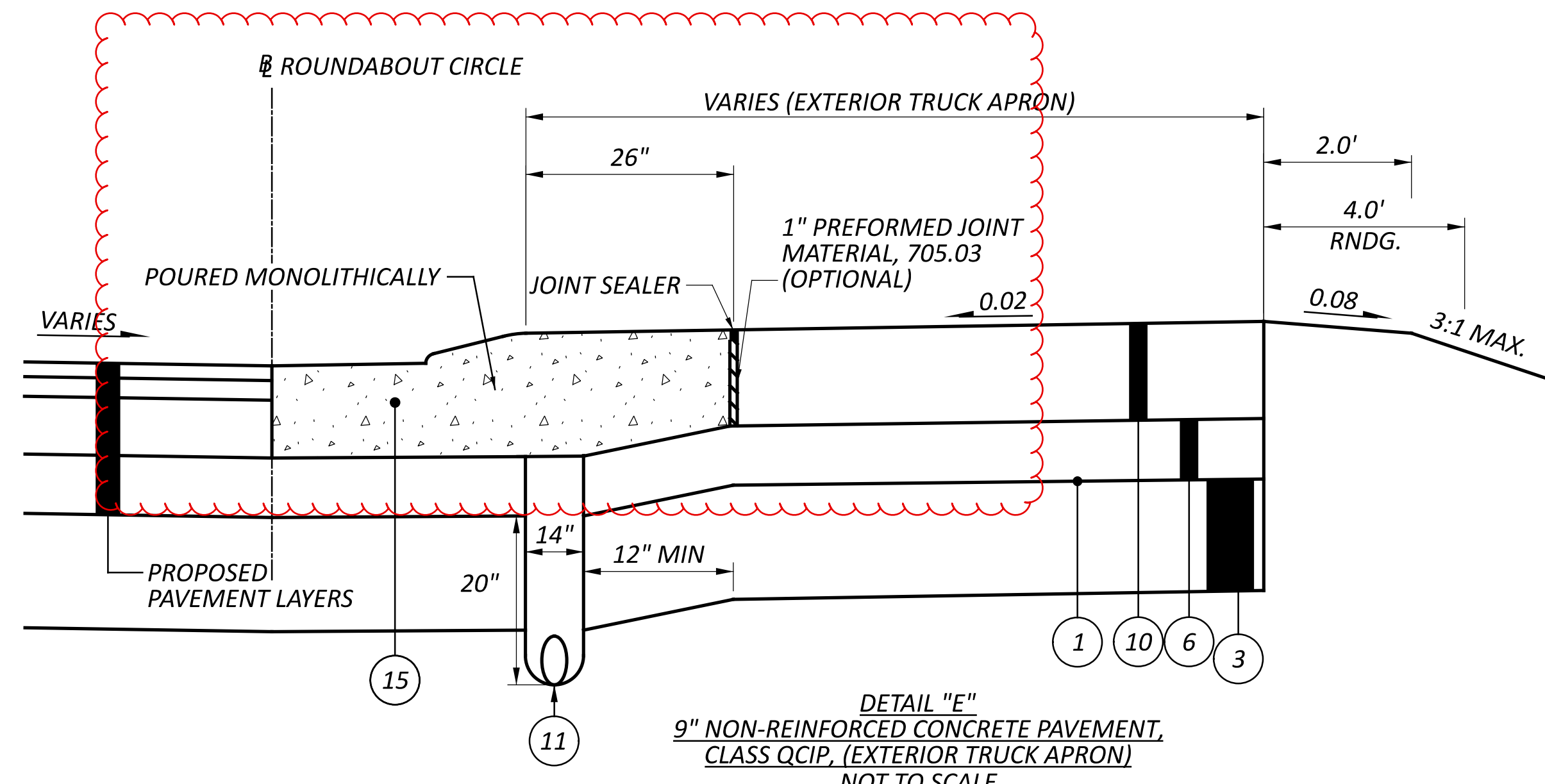
DETAIL "B"
CURB, TYPE 9, AS PER PLAN - 2
NOT TO SCALE
(FOR OUTSIDE TRUCK APRON)



DETAIL "C"
6" CONCRETE TRAFFIC ISLAND, CLASS QC1P
(SPLITTER ISLAND)
(SEE SCD, RM-3.1 FOR ADDITIONAL DETAILS)
NOT TO SCALE



DETAIL "D"
9" NON-REINFORCED CONCRETE PAVEMENT,
CLASS QCIP, (TRUCK APRON)
NOT TO SCALE



DETAIL "E"
9" NON-REINFORCED CONCRETE PAVEMENT,
CLASS QCIP, (EXTERIOR TRUCK APRON)
NOT TO SCALE

A
NORTH LEG:
16.00' FROM STA. 401+75.00 TO STA. 402+00.00
TAPERS FROM 16.00' @ STA. 402+00.00 TO 12.00' @ STA. 403+70.00

SOUTH LEG:
TAPERS FROM 12.00' @ STA. 307+55.00 TO 16.00' @ STA. 308+90.00
16.00' FROM STA. 308+90.00 TO STA. 309+50.00

B
NORTH LEG:
4.00' FROM STA. 401+75.00 TO STA. 403+20.00
TAPERS FROM 4.00' @ STA. 403+20.00 TO 2.00' @ STA. 403+70.00

SOUTH LEG:
TAPERS FROM 2.00' @ STA. 307+55.00 TO 4.00' @ STA. 308+05.00
4.00' FROM STA. 308+05.00 TO STA. 309+50.00

C
NORTH LEG:
4.00' FROM STA. 401+75.00 TO STA. 403+20.00
TAPERS FROM 4.00' @ STA. 403+20.00 TO 1.50' @ STA. 403+70.00

SOUTH LEG:
TAPERS FROM 2.00' @ STA. 307+55.00 TO 4.00' @ STA. 308+05.00
4.00' FROM STA. 308+05.00 TO STA. 309+50.00

D
NORTH LEG:
VARIES FROM 28.78' @ STA. 400+70.00 TO 16.00' @ STA. 401+75.00

SOUTH LEG:
VARIES FROM 16.00' @ STA. 309+50.00 TO 32.35' @ STA. 310+58.25

E
NORTH LEG:
VARIES FROM 31.37' @ STA. 400+70.00 TO 16.00' @ STA. 401+75.00

SOUTH LEG:
VARIES FROM 16.00' @ STA. 309+50.00 TO 28.53' @ STA. 310+58.25

F
NORTH LEG:
VARIES FROM 10.27' @ STA. 400+70.00 TO 2.00' @ STA. 401+75.00

SOUTH LEG:
VARIES FROM 2.00' @ STA. 309+50.00 TO 6.56' @ STA. 310+58.25

G
NORTH LEG:
VARIES FROM 5.56' @ STA. 400+70.00 TO 2.00' @ STA. 401+75.00

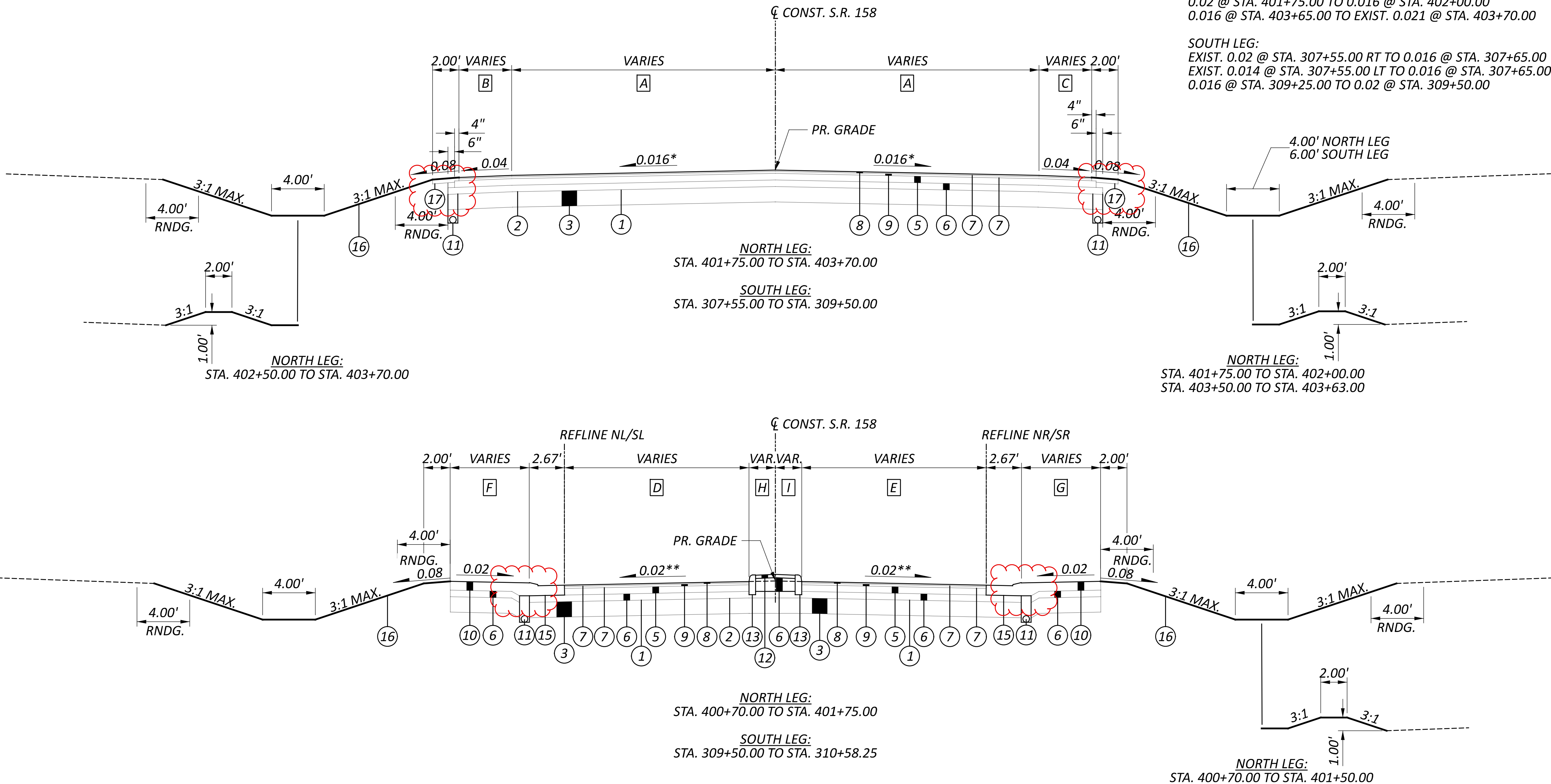
SOUTH LEG:
VARIES FROM 2.00' @ STA. 309+50.00 TO 10.36' @ STA. 310+58.25

H
NORTH LEG:
VARIES FROM 8.69' @ STA. 400+70.98 TO 0.00' @ STA. 401+75.00

SOUTH LEG:
VARIES FROM 0.00' @ STA. 309+50.00 TO 6.12' @ STA. 310+55.50

I
NORTH LEG:
VARIES FROM 4.86' @ STA. 400+72.85 TO 0.00' @ STA. 401+75.00

SOUTH LEG:
VARIES FROM 0.00' @ STA. 309+50.00 TO 7.69' @ STA. 310+57.16



* PAVEMENT CROSS SLOPE TRANSITIONS:

NORTH LEG:
0.02 @ STA. 401+75.00 TO 0.016 @ STA. 402+00.00
0.016 @ STA. 403+65.00 TO EXIST. 0.021 @ STA. 403+70.00

SOUTH LEG:
EXIST. 0.02 @ STA. 307+55.00 RT TO 0.016 @ STA. 307+65.00
EXIST. 0.014 @ STA. 307+55.00 LT TO 0.016 @ STA. 307+65.00
0.016 @ STA. 309+25.00 TO 0.02 @ STA. 309+50.00

**PAVEMENT CROSS SLOPE TRANSITIONS APPROACHING AND DEPARTING THE ROUNDABOUT:

NORTH LEG:
VARIES AT STA. 401+70.00 TO 0.02 @ STA. 401+17.21 RT
VARIES AT STA. 401+70.00 TO 0.02 @ STA. 401+13.33 LT

SOUTH LEG:
0.02 @ STA. 310+21.27 RT TO VARIES AT STA. 310+58.25
0.02 @ STA. 310+01.26 LT TO VARIES AT STA. 310+58.25

NOTE: SLOPE VARIES AS THE PAVEMENT APPROACHES AND DEPARTS THE ROUNDABOUT.
SEE PAVEMENT DETAILS P.84 - P.86 AND ROUNDABOUT PROFILES P.88 - P.91.

WEST LEG:
VARIES FROM 0.00' @ STA. 110+30.00 TO 7.93' @ STA. 111+38.96



PAVEMENT

ITEM 407 - NON-TRACKING TACK COAT

THE RATE OF APPLICATION OF THE ITEM 407, NON-TRACKING TACK COAT, SHALL BE PER CMS TABLE 407.06-1 AND SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.08 GAL/SY FOR TACK COAT OVER MILLED ASPHALT AND 0.05 GAL/SY OVER NEW ASPHALT (FOR ESTIMATING PURPOSES ONLY).

ITEM 408 - PRIME COAT

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING A PRIME COAT.

ITEM 408, PRIME COAT	50 GAL.
----------------------	---------

EROSION CONTROL

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

659, SOIL ANALYSIS TEST	2 EACH
659, TOPSOIL, AS PER PLAN	1422 CU. YD.
659, REPAIR SEEDING AND MULCHING	660 SQ. YD.
659, INTER-SEEDING	660 SQ. YD.
659, COMMERCIAL FERTILIZER	1.82 TON
659, LIME	2.69 ACRES
659, WATER	72 M. GAL.
659, MOWING	29 M. SQ.FT.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY THE WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

ITEM 653 - TOPSOIL, AS PER PLAN

ON-SITE TOPSOIL MEETING THE REQUIREMENTS OF CMS 659.05 IS ALLOWED FOR USE ON THIS PROJECT, AS DIRECTED BY THE ENGINEER.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN

ALL AGGREGATE SHALL BE 100% CHRUSHED LIMESTONE. ALL QUALITY REQUIREMENTS EXCEPT SHALE SHALL BE WAIVED. OTHER GRADATION REQUIREMENTS SHALL BE AS SPECIFIED EXCEPT THE INDEX SHALL BE WAIVED. IF SO PERMITTED, THE CONTRACTOR MAY USE RECYCLED ASPHALT CONCRETE PAVEMENT (RACP MEETING REQUIREMENTS OF 716.02) IN LIEU OF LIMESTONE.

LANDSCAPING

ITEM 657 - RIPRAP FOR TREE PROTECTION, AS PER PLAN

THIS WORK CONSISTS OF FURNISHING AND PLACING RIPRAP ON TOP OF THE GEOTEXTILE FABRIC WITHIN THE CIRCLE AREA OF THE ROUNDABOUT AS SHOWN IN THE PLANS.

MATERIALS:
USE A NON-CRUSHED NATURAL ROCK GRAVEL. LIMESTONE IS NOT ACCEPTABLE. THE SOUNDNESS REQUIREMENTS OF 657.02 ARE WAIVED. THE GRADATION REQUIRED WILL BE 100% PASSING A 6" SIEVE AND 0% PASSING A 3" SIEVE. PLACE STONES IN A 6" LIFT. MANUAL PLACING REQUIREMENTS PER 657.05 IS WAIVED.

METHOD OF MEASUREMENT AND PAYMENT:
THE GEOTEXTILE FABRIC IS PAID SEPARATELY UNDER ITEM 204 GEOTEXTILE FABRIC. MEASUREMENT AND PAYMENT FOR THE GRAVEL MATERIAL SHALL BE BY THE SQUARE YARD, COMPLETE IN PLACE AND ACCEPTED BY THE ENGINEER AS PER ITEM 657, RIPRAP FOR TREE PROTECTION, AS PER PLAN.

ENVIRONMENTAL

ENVIRONMENTAL RESTRICTIONS

THE CONTRACTOR SHALL NOT PERFORM ANY WORK WITHIN THE JURISDICTIONAL BOUNDARIES OF ANY WATERWAY, INCLUDING WETLANDS, UNLESS THE NECESSARY WATERWAY PERMIT(S) ARE OBTAINED BY THE OHIO DEPARTMENT OF TRANSPORTATION. THIS INCLUDES THE PLACEMENT OF ANY TEMPORARY OR PERMANENT FILLS.

ENDANGERED SPECIES HABITAT

THIS PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT, NORTHERN LONG-EARED BAT, AND TRICOLORED BAT; AND THE STATE-LISTED LITTLE BROWN BAT. NO TREES SHALL BE REMOVED TO CONSTRUCT THE PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

WATER QUALITY

POST CONSTRUCTION STORM WATER TREATMENT

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

VEGETATED FILTER STRIP

THIS PLAN UTILIZES VEGETATED FILTER STRIP(S) FOR POST CONSTRUCTION STORM WATER TREATMENT. PLACE EITHER ITEM 660 SODDING ITEM 659 SEEDING AND MULCHING WITH A 4-INCH LIFT OF TOPSOIL AND ITEM 670, SLOPE EROSION PROTECTION TO ALL DISTURBED AREAS DESIGNATED AS VEGETATED FILTER STRIPS, THE EDGE OF SHOULDER, AND THE FORESLOPE AS SPECIFIED IN THE PLANS.

VEGETATED BIOFILTER

THIS PLAN UTILIZES VEGETATED BIOFILTER(S) FOR POST CONSTRUCTION STORM WATER TREATMENT. PLACE EITHER ITEM 660 SODDING OR ITEM 659 SEEDING AND MULCHING WITH A 4-INCH LIFT OF TOPSOIL AS SHOWN IN THE PLANS TO ANY DISTURBED AREA ON THE SHOULDER AND FORESLOPE DRAINING TO A VEGETATED BIOFILTER. THE DITCH FOR EACH VEGETATED BIOFILTER IS TRAPEZOIDAL, AS SHOWN IN THE PLAN CROSS SECTIONS. PROVIDE ITEM 670 AS SPECIFIED IN THE PLANS.

DRAINAGE

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

EXISTING SUBSURFACE DRAINAGE

PROVIDE UNOBSTRUCTED OUTLETS FOR ALL EXISTING UNDERDRAINS OR AGGREGATE DRAINS ENCOUNTERED DURING CONSTRUCTION.

PROVIDE AN OUTLET PER STANDARD CONSTRUCTION DRAWING DM-1.1 FOR ALL UNDERDRAINS THAT OUTLET TO A SLOPE.

UNDERDRAINS THAT CAN BE CONNECTED TO THE NEW OR EXISTING UNDERDRAINS AT THE END OF THE PROJECT LIMITS AS WELL AS ALL NECESSARY BENDS OR BRANCHES REQUIRED FOR CONNECTION ARE INCLUDED IN THE BASIS OR PAYMENT FOR UNCLASSIFIED PIPE UNDERDRAINS.

THE FOLLOWING ESTIMATED QUANTITES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM 601, TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	2 SY
ITEM 605, 6" UNCLASSIFIED PIPE UNDERDRAINS	20 FT
ITEM 605, AGGREGATE DRAINS	20 FT
ITEM 611, 6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	10 FT
ITEM 611 , PRECAST REINFORCED CONCRETE OUTLET	1 EACH

FARM DRAINS

PROVIDE UNOBSTRUCTED OUTLETS TO ALL FARM DRAINS ENCOUNTERED DURING CONSTRUCTION. REPLACE EXISTING COLLECTORS WHICH ARE LOCATED BELOW THE ROADWAY DITCH ELEVATIONS, AND WHICH CROSS THE ROADWAY WITHIN THE CONSTRUCTION LIMITS WITH ITEM 611, CONDUIT, TYPE B, ONE COMMERCIAL SIZE LARGER THAN THE EXISTING CONDUIT.

OUTLET EXISTING COLLECTORS AND ISOLATED FARM DRAINS, WHICH AREA ENCOUNTERED ABOVE THE ELEVATION OF ROADWAY DITCHES INTO THE ROADWAY.

DITCH USING ITEM 611, TYPE F CONDUIT, THE OPTIMUM OUTLET ELEVATION IS ONE FOOT ABOVE THE FLOWLINE ELEVATION OF THE DITCH. INTERCEPT LATERAL FIELD TILES WHICH CROSS THE ROADWAY WITH ITEM 611, TYPE E CONDUIT, AND CARRY IN A LONGITUDINAL DIRECTION TO AN ADEQUATE OUTLET OR ROADWAY CROSSING.

THE LOCATION, TYPE, SIZE AND GRADE OF REPLACEMENTS IS DETERMINED BY THE ENGINEER AND PAYMENT MADE ON FINAL MEASUREMENTS.

PROVIDE EROSION CONTROL PADS AT THE OUTLET END OF ALL FARMS DRAINS PER STANDARD CONSTRUCTION DRAWING DM-1.1, EXCEPT WHEN THEY OUTLET INTO A DRAINAGE STRUCTURE.

PAYMENT FOR THE EROSION CONTROL PADS AND ANY NECESSARY BENDS OR BRANCHES IS INCLUDED FOR PAYMENT IN THE PERTINENT CONDUIT ITEMS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

611, 10" CONDUIT, TYPE B	75 FT.
611, 10" CONDUIT, TYPE E	75 FT.
611, 10" CONDUIT, TYPE F	75 FT.
601, ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	1 CU. YD.

ITEM SPECIAL - DRILLED WATER WELL ABANDONED

ALL WELLS SHALL BE REMOVED AND PROPERLY ABANDONED IN ACCORDANCE WITH THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR) TECHNICAL GUIDANCE FOR SEALING UNUSED WELLS. PAYMENT FOR THIS WORK SHALL BE AS PER ITEM SPECIAL, DRINKING WATER WELL ABANDONMENT.

DESIGN AGENCY

AECOM

DESIGNER

VHP

REVIEWER

NSP 06/03/25

PROJECT ID

111621

SHEET

P.10

TOTAL

127

SHEET NUM.													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.9	P.10	P.11	P.13	P.14	P.24	P.25	P.27	P.28	P.29	P.30	P.31	P.111							
													01/STR					EROSION CONTROL CONTINUED	
											LS		LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
											LS		LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
											LS		LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
											50,000		50,000	832	30000	50,000	EACH	EROSION CONTROL	
								203					203	836	10000	203	SY	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1	
																		DRAINAGE	
								5.9					5.9	602	20000	5.9	CY	CONCRETE MASONRY	
	20									739			759	605	13300	759	FT	6" UNCLASSIFIED PIPE UNDERDRAINS	
										2,202			2,202	605	14020	2,202	FT	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
	20												20	605	31100	20	FT	AGGREGATE DRAINS	
												140	140	611	00400	140	FT	4" CONDUIT, TYPE E	
	10									323			333	611	00510	333	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
							24						24	611	02000	24	FT	8" CONDUIT, TYPE C	
	75												75	611	03100	75	FT	10" CONDUIT, TYPE B	
	75												75	611	03600	75	FT	10" CONDUIT, TYPE E	
	75												75	611	03700	75	FT	10" CONDUIT, TYPE F	
								325					325	611	04400	325	FT	12" CONDUIT, TYPE B	
								139					139	611	04900	139	FT	12" CONDUIT, TYPE D	
								99					99	611	05700	99	FT	15" CONDUIT, TYPE A, 706.01, 707.04 (0.079), 707.33	
								122					122	611	06400	122	FT	15" CONDUIT, TYPE D	
								8					8	611	07600	8	FT	18" CONDUIT, TYPE C	
								62					62	611	10900	62	FT	24" CONDUIT, TYPE D	
								81					81	611	13200	81	FT	30" CONDUIT, TYPE A, 706.02, 707.04 (0.109), 707.33	
								85					85	611	13400	85	FT	30" CONDUIT, TYPE B	
								417					417	611	16600	417	FT	36" CONDUIT, TYPE C	
		50											50	611	97400	50	FT	CONDUIT, MISC.:TYPE B FOR DRAINAGE DISCHARGE CONTINUANCE	P.11
		50											50	611	97400	50	FT	CONDUIT, MISC.:TYPE C FOR DRAINAGE DISCHARGE CONTINUANCE	P.11
		25											25	611	97400	25	FT	CONDUIT, MISC.:TYPE E FOR DRAINAGE DISCHARGE CONTINUANCE	P.11
		25											25	611	97400	25	FT	CONDUIT, MISC.:TYPE F FOR DRAINAGE DISCHARGE CONTINUANCE	P.11
								10					10	611	98370	10	EACH	CATCH BASIN, NO. 6	
	1							4					4	611	99574	4	EACH	MANHOLE, NO. 3	
													1	611	99710	1	EACH	PRECAST REINFORCED CONCRETE OUTLET	
		1											1	611	99720	1	EACH	INSPECTION WELL	
																		PAVEMENT	
				200									200	251	01011	200	CY	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN	P.14
				200			104						104	252	01500	104	FT	FULL DEPTH PAVEMENT SAWING	
						231							200	253	01001	200	SY	PAVEMENT REPAIR, AS PER PLAN	P.14
							968						231	254	01000	231	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 2"	
													968	254	01000	968	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	
							969						969	301	56000	969	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
						78	1,324						1,402	304	20000	1,402	CY	AGGREGATE BASE	
			580				705						1,285	407	20000	1,285	GAL	NON-TRACKING TACK COAT	P.10
	50												50	408	10000	50	GAL	PRIME COAT	
			67,600										67,600	422	11001	67,600	SY	AGGREGATE, SINGLE CHIP SEAL, TYPE A, AS PER PLAN	P.13
			250				235						250	441	70000	250	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22	
				50			327						235	441	70100	235	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M, 1.25"	
													50	441	70101	50	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), AS PER PLAN, PG64-22	P.14
						22							327	441	70300	327	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), 1.75"	
													22	441	70500	22	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)	
						340							340	452	10010	340	SY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
							915						915	452	13010	915	SY	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

VHP

REVIEWER

NSP 06/03/25

PROJECT ID

111621

SHEET

P.20

TOTAL

127

SHEET NUM.													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.23	P.24	P.25	P.27	P.12	P.13	P.14	P.107	P.108	P.112	P.115			01/STR						
																		PAVEMENT	
	1,159												1,159	609	26000	1,159	FT	CURB, TYPE 6	
	308												308	609	31001	308	FT	COMBINATION CURB AND GUTTER, TYPE 9, AS PER PLAN - 1	P.9
	1,103												1,103	609	31001	1,103	FT	COMBINATION CURB AND GUTTER, TYPE 9, AS PER PLAN - 2	P.9
			269										269	609	54000	269	SY	6" CONCRETE TRAFFIC ISLAND	
						40							40	617	10100	40	CY	COMPACTED AGGREGATE	
			47										47	617	10101	47	CY	COMPACTED AGGREGATE, AS PER PLAN	P.10
																		LIGHTING	
									16				16	625	00450	16	EACH	CONNECTION, FUSED PULL APART	
									24				24	625	00480	24	EACH	CONNECTION, UNFUSED PERMANENT	
									1				1	625	02500	1	EACH	TRANSFORMER BASE, TYPE AT-A	
									3				3	625	10490	3	EACH	LIGHT POLE, CONVENTIONAL, AT12B35	P.111
									5				5	625	10490	5	EACH	LIGHT POLE, CONVENTIONAL, AT15B35	P.111
									8				8	625	14000	8	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP	
									738				738	625	23302	738	FT	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE	
									782				782	625	23400	782	FT	NO. 10 AWG POLE AND BRACKET CABLE	
									1,375				1,375	625	24324	1,375	FT	1-1/2" DUCT CABLE WITH THREE NO. 6 AWG 2400 VOLT CABLES	
									177				177	625	25500	177	FT	CONDUIT, 3", 725.04	
									8				8	625	26253	8	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN	P.111
									1,270				1,270	625	29000	1,270	FT	TRENCH	
									6				6	625	30700	6	EACH	PULL BOX, 725.08, 18"	
									1				1	625	30706	1	EACH	PULL BOX, 725.08, 24"	
									8				8	625	32000	8	EACH	GROUND ROD	
									1				1	625	34001	1	EACH	POWER SERVICE, AS PER PLAN	P.111
									1				1	625	34300	1	EACH	TRANSFORMER PAD, CONCRETE	
									1,270				1,270	625	36010	1,270	FT	UNDERGROUND WARNING/MARKING TAPE	
									1				1.0	625	76000	1.0	EACH	ARC FLASH CALCULATIONS AND LABEL (S.R. 158/COONPATH ROAD)	P.111
																		TRAFFIC CONTROL	
								121					121	621	00100	121	EACH	RPM	
								27					27	621	54000	27	EACH	RAISED PAVEMENT MARKER REMOVED	
								4					4	630	08600	4	EACH	SIGN POST REFLECTOR	
								275.0					275.0	630	03101	275.0	FT	GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN	P.9
								195.2					195.2	630	80100	195.2	SF	SIGN, FLAT SHEET	
								27					27	630	84900	27	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
								15					15	630	86002	15	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
								0.9					0.9	644	00104	0.9	MILE	EDGE LINE, 6"	
								0.37					0.37	644	00300	0.37	MILE	CENTER LINE, DOUBLE YELLOW	
								257					257	644	00700	257	FT	TRANSVERSE/DIAGONAL LINE, YELLOW	
								137					137	644	01514	137	FT	DOTTED LINE, 8", WHITE	
								132					132	644	00400	132	FT	CHANNELIZING LINE, 8"	
								60					60	644	20800	60	FT	YIELD LINE	
																		LANDSCAPING	
										896			896	204	50000	896	SY	GEOTEXTILE FABRIC	
										448			448	657	10001	448	SY	RIPRAP FOR TREE PROTECTION, AS PER PLAN	P.10
										27			27	661	19000	27	EACH	DECIDUOUS SHRUB, 12" HEIGHT (RHUS AROMATICA, B&B 5" MIN.)	
										5			5	661	50040	5	EACH	EVERGREEN TREE, 2' HEIGHT (PINUS MUGO, B&B 8" MIN.)	
																		BUILDING DEMOLITION	
LS													LS	202	56000	LS		BUILDING DEMOLISHED, PARCEL 18, 2-STORY FRAMED HOUSE,PORCHES, DECK, DETACHED GARAGE	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

VHP

REVIEWER

NSP 06/03/25

PROJECT ID

111621

SHEET

P.21

TOTAL

127

STATION RANGE			TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	204	204	206	206	206	252	254	301	304	304	407	407	441	441	452	609	617
									SUBGRADE COMPACTION	PROOF ROLLING	CEMENT	CURING COAT	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	FULL DEPTH PAVEMENT SAWING	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	ASPHALT CONCRETE BASE, PG64-22, (449), 6"	AGGREGATE BASE, 6"	AGGREGATE BASE, 15"	NON-TRACKING TACK COAT	NON-TRACKING TACK COAT	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M, 1.25"	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), 1.75"	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	6" CONCRETE TRAFFIC ISLAND	COMPACTED AGGREGATE, AS PER PLAN, 4"
					FT	FT	SQ YD	SQ YD	SY	HR	TON	SY	SY	FT	SY	CY	CY	CY	GAL	GAL	CY	CY	SY	SY	CY
S.R. 158 (NORTH LEG)									A	1 HR/2000 SY		A	A		A	0.1667A	0.1667A	0.4167A	0.05AxNO.	0.08A	0.03472A	0.04861A	A		
400+70.00	TO	401+75.00		LT	105.00			177.23		A(.75*14*115*.05)/2000						29.54			17.72		6.15	8.62			
400+70.00	TO	401+75.00		LT	105.00			332.80	332.80	0.17	10.05	332.80	332.80												
400+70.00	TO	401+75.00		LT/RT	105.00			602.73									100.45								
400+70.00	TO	401+75.00		LT/RT	105.00			65.01										27.09					65.01		
400+70.00	TO	401+75.00		LT	105.00			69.03														69.03			
401+75.00	TO	403+70.00		LT	195.00			391.74											19.59		13.60	19.04			
401+75.00	TO	403+70.00		LT	195.00			402.67	402.67	0.20	12.16	402.67	402.67				67.11								
401+75.00	TO	403+70.00		LT	195.00			399.03								66.50			19.95						
401+75.00	TO	403+70.00		LT/RT	195.00			75.40																	8.38
400+70.00	TO	401+75.00		RT	105.00			186.64								31.11			18.66		6.48	9.07			
400+70.00	TO	401+75.00		RT	105.00			60.56														60.56			
400+70.00	TO	401+75.00		RT	105.00			338.96	338.96	0.17	10.23	338.96	338.96												
401+75.00	TO	403+70.00		RT	195.00			387.03											19.35		13.44	18.81			
401+75.00	TO	403+70.00		RT	195.00			397.78	397.78	0.20	12.01	397.78	397.78				66.30								
401+75.00	TO	403+70.00		RT	195.00			394.20								65.70			19.71						
403+70.00				LT/RT										27.50											
S.R. 158 (SOUTH LEG)																									
307+55.00	TO	309+50.00		LT	195.00			399.09											19.95		13.86	19.40			
307+55.00	TO	309+50.00		LT	195.00			409.99	409.99	0.20	12.38	409.99	409.99				68.33								
307+55.00	TO	309+50.00		LT	195.00			406.35								67.73			20.32						
307+55.00	TO	309+50.00		LT/RT	195.00			59.00																	6.56
309+50.00	TO	310+58.25		LT	108.25			193.88								32.31			19.39		6.73	9.42			
309+50.00	TO	310+58.25		LT	108.25			372.85	372.85	0.19	11.26	372.85	372.85												
309+50.00	TO	310+58.25		LT/RT	108.25			645.75									107.62								
309+50.00	TO	310+58.25		LT/RT	108.25			67.03										27.93					67.03		
309+50.00	TO	310+58.25		LT	108.25			82.62														82.62			
307+55.00	TO	309+50.00		RT	195.00			396.96											19.85		13.78	19.30			
307+55.00	TO	309+50.00		RT	195.00			407.75	407.75	0.20	12.31	407.75	407.75				67.96								
307+55.00	TO	309+50.00		RT	195.00			404.15								67.36			20.21						
307+55.00				LT/RT										28.00											
309+50.00	TO	310+58.25		RT	108.25			184.83								30.81			18.48		6.42	8.98			
309+50.00	TO	310+58.25		RT	108.25			339.94	339.94	0.17	10.26	339.94	339.94									67.53			
309+50.00	TO	310+58.25		RT	108.25			67.53																	
COONPATH RD (EAST LEG)																									
200+70.00	TO	201+80.00		LT	110.00			186.75								31.12			18.67		6.48	9.08			
200+70.00	TO	201+80.00		LT	110.00			328.85	328.85	0.16	9.93	328.85	328.85												
200+70.00	TO	201+80.00		LT/RT	110.00			619.20									103.20								
200+70.00	TO	201+80.00		LT/RT	110.00			69.59										28.99							
200+70.00	TO	201+80.00		LT	110.00			55.96														55.96		69.59	
201+80.00	TO	203+70.00		LT	190.00			365.82											18.29		12.70	17.78			
201+80.00	TO	203+70.00		LT	190.00			376.39	376.39	0.19	11.36	376.39	376.39				62.73								
201+80.00	TO	203+70.00		LT/RT	190.00			372.87								62.14			18.64						
201+80.00	TO	203+70.00		LT	190.00			77.25																	8.58
203+70.00	TO	206+00.00		LT	230.00			284.18							284.18				14.21	22.73	9.87	13.81			
SUBTOTALS CARRIED TO SHEET P.27									3708	2	112	3708	3708	56	285	485	644	85	303	23	110	154	336	202	24

PAVEMENT SUBSUMMARY

DESIGN AGENCY



DESIGNER

HMP

REVIEWER

NSP 06/03/25

PROJECT ID

111621

SHEET

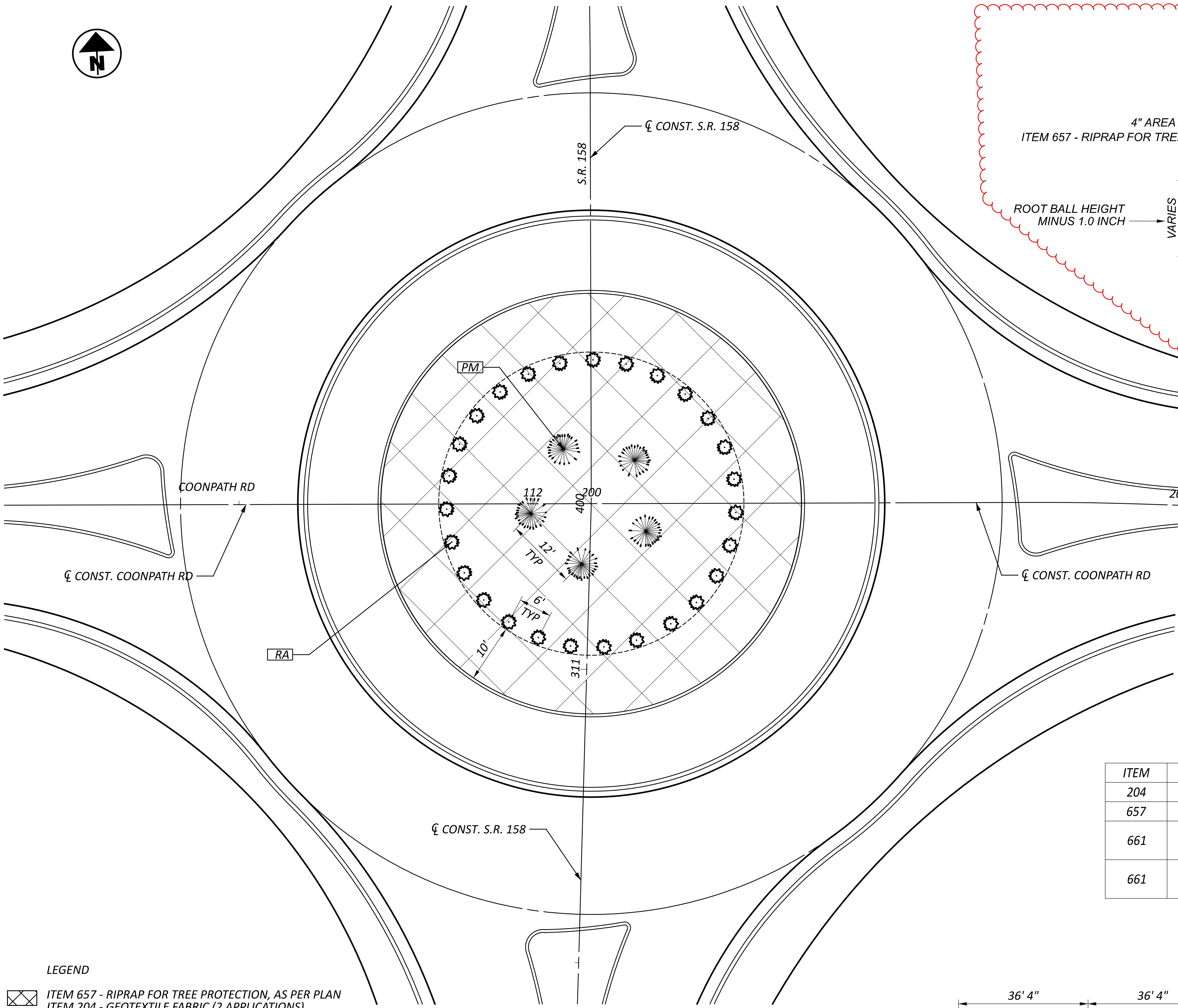
P.26

TOTAL

127

STATION RANGE			TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	204	204	206	206	206	252	254	301	304	304	407	407	441	441	452	609	617
									SUBGRADE COMPACTION	PROOF ROLLING	CEMENT	CURING COAT	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	FULL DEPTH PAVEMENT SAWING	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	ASPHALT CONCRETE BASE, PG64-22, (449), 6"	AGGREGATE BASE, 6"	AGGREGATE BASE, 15"	NON-TRACKING TACK COAT	NON-TRACKING TACK COAT	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M, 1.25"	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), 1.75"	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	6" CONCRETE TRAFFIC ISLAND	COMPACTED AGGREGATE, AS PER PLAN, 4"
					FT	FT	SQ YD	SQ YD	SY	HR/2000 SY	TON	SY	SY	FT	SY	CY	CY	CY	GAL	GAL	CY	CY	SY	SY	CY
COONPATH RD (EAST LEG)									A	A(.75*14*115*.05)/2000					A	0.1667A	0.1667A	0.4167A	0.05AxNO.	0.08A	0.03472A	0.04861A	A		
200+70.00	TO	201+80.00		RT	110.00			190.40								31.73			19.04		6.61	9.26			
200+70.00	TO	201+80.00		RT	110.00			359.94	359.94	0.18	10.87	359.94	359.94												
200+70.00	TO	201+80.00		RT	110.00			68.70															68.70		
201+80.00	TO	203+70.00		RT	190.00			367.62											18.38		12.76	17.87			
201+80.00	TO	203+70.00		RT	190.00			378.19	378.19	0.19	11.42	378.19	378.19				63.03								
201+80.00	TO	203+70.00		RT	190.00			374.67								62.44			18.73						
203+70.00				LT/RT										24.24											
203+70.00	TO	206+00.00		RT	230.00			338.25							338.25				16.91	27.06	11.74	16.44			
COONPATH RD (WEST LEG)															167.30				8.37	13.38	5.81	8.13			
106+00.00	TO	107+35.00		LT	135.00			167.30																	
107+35.00	TO	108+65.00		LT	130.00			211.24											10.56		7.33	10.27			
107+35.00	TO	108+65.00		LT	130.00			218.47	218.47	0.11	6.59	218.47	218.47				36.41								
107+35.00	TO	108+65.00		LT	130.00			216.06								36.01			10.80						
107+35.00				LT/RT										23.77											
108+65.00		110+30.00		LT	165.00			337.09											16.85		11.70	16.39			
108+65.00		110+30.00		LT	165.00			346.37	346.37	0.17	10.46	346.37	346.37				57.73								
108+65.00		110+30.00		LT	165.00			343.21								57.20			17.16						
110+30.00	TO	111+40.02		LT	110.02			194.14								32.36			19.41		6.74	9.44			
110+30.00	TO	111+40.02		LT	110.02			369.31	369.31	0.18	11.15	369.31	369.31												
110+30.00	TO	111+40.02		LT/RT	110.02			628.19									104.70								
110+30.00	TO	111+40.02		LT/RT	110.02			66.11										27.54							
110+30.00	TO	111+40.02		LT	110.02			77.47															77.47	66.11	
106+00.00	TO	107+35.00		RT	135.00			176.97							176.97				8.85	14.16	6.14	8.60			
107+35.00	TO	108+65.00		RT	130.00			212.50											10.62		7.38	10.33			
107+35.00	TO	108+65.00		RT	130.00			219.71	219.71	0.11	6.63	219.71	219.71				36.62								
107+35.00	TO	108+65.00		RT	130.00			217.32								36.22			10.87						
107+35.00	TO	108+65.00		LT/RT	130.00			25.26																	2.81
108+65.00	TO	110+30.00		RT	165.00			336.38											16.82		11.68	16.35			
108+65.00	TO	110+30.00		RT	165.00			345.55	345.55	0.17	10.43	345.55	345.55				57.59								
108+65.00	TO	110+30.00		RT	165.00			342.47								57.08			17.12						
108+65.00	TO	110+30.00		LT/RT	165.00			182.08																	20.23
110+30.00	TO	111+40.02		RT	110.02			189.04								31.51			18.90		6.56	9.19			
110+30.00	TO	111+40.02		RT	110.02			324.99	324.99	0.16	9.81	324.99	324.99										51.38		
110+30.00	TO	111+40.02		RT	110.02			51.38																	
ROUNDBOUT																									
0+00.00	TO	4+39.82		LT	439.82			837.76								139.63			83.78		29.09	40.72			
0+00.00	TO	4+39.82		LT	439.82			1262.21	1262.21	0.63	38.10	1262.21	1262.21				210.37								
0+00.00	TO	4+39.82		LT	439.82			381.43															381.43		
SUBTOTALS CARRIED FROM P.26									3708	2	112	3708	3708	56	285	485	644	85	303	23	110	154	336	202	24
SUBTOTALS									3825	2	116	3825	3825	48	683	484	567	28	324	55	125	173	579	67	23
TOTALS CARRIED TO GENERAL SUMMARY									7533	4	228	7533	7533	104	968	969	1324		705		235	327	915	269	47

PAVEMENT SUBSUMMARY	
DESIGN AGENCY	
AECOM	
DESIGNER	
HMP	
REVIEWER	
NSP 06/03/25	
PROJECT ID	
111621	
SHEET	
P.27	TOTAL 127



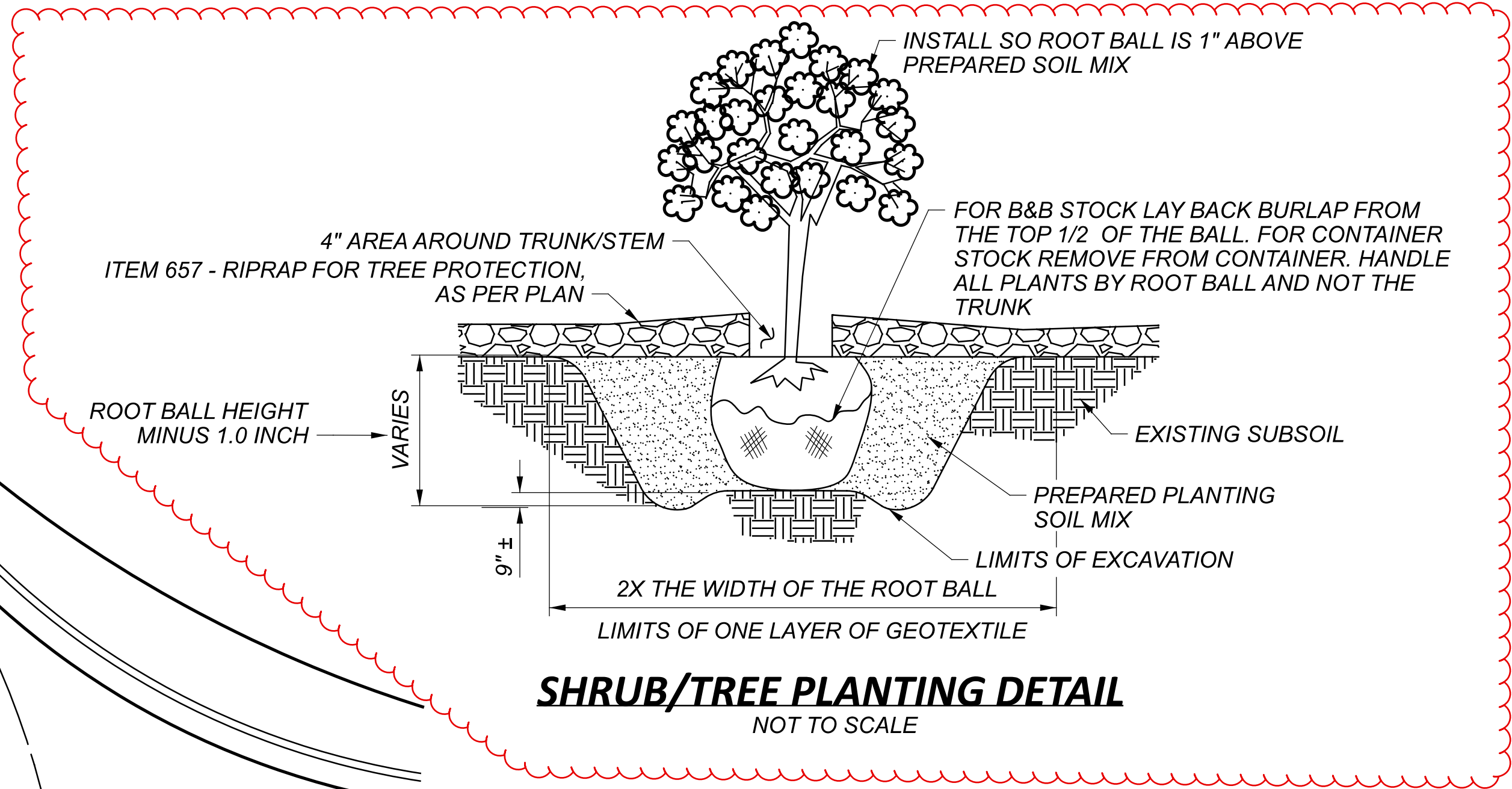
LEGEND

ITEM 657 - RIPRAP FOR TREE PROTECTION, AS PER PLAN
ITEM 204 - GEOTEXTILE FABRIC (2 APPLICATIONS)

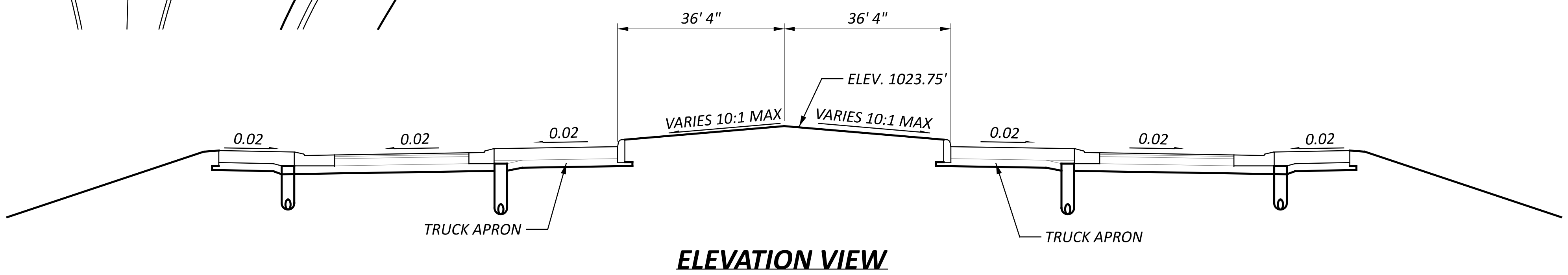
ITEM 661 - DECIDUOUS SHRUB, 12" HEIGHT (RHUS AROMATICA, B&B 5" MIN.)

ITEM 661 - EVERGREEN TREE, 2' HEIGHT (PINUS MUGO, B&B 8" MIN.)

NOTE: FOR ALIGNMENT DATA, SEE SCHEMATIC PLAN



ITEM	UNIT	DESCRIPTION	QTY.	KEY	COMMON NAME
204	SY	GEOTEXTILE FABRIC	896		
657	SY	RIPRAP FOR TREE PROTECTION, AS PER PLAN	448		
661	EACH	DECIDUOUS, SHRUB, 12" HEIGHT (RHUS AROMATICA, B&B 5" MIN.)	27	RA	FRAGRANT SUMAC
661	EACH	EVERGREEN TREE, 2' HEIGHT (PINUS MUGO, B&B 8" MIN.)	5	PM	MUGO PINE



HORIZONTAL SCALE IN FEET

0 5 10 20

LANDSCAPE PLAN
ROUNDBOUT

DESIGN AGENCY

AECOM

DESIGNER
VHP

REVIEWER
NSP 06/03/25

PROJECT ID
111621

SHEET TOTAL
P.115 127

LANDSCAPING PLAN NOTES

1. ALL LANDSCAPING WORK SHALL BE PERFORMED BY LICENSED CONTRACTORS AND EXPERIENCED WORKERS FOLLOWING THE REQUIREMENTS SET FORTH IN CMS 661 AND 662.
2. SECURE PLANT MATERIAL AS SPECIFIED FROM AVAILABLE SOURCES. ALL PLANTS WILL BE NURSERY GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR A MINIMUM OF 2 YEARS. IN THE EVENT THAT PLANT MATERIALS ARE NOT AVAILABLE, CONTACT THE ENGINEER FOR APPROVED SUBSTITUTIONS. NO SUBSTITUTIONS FOR PLANT MATERIALS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE ENGINEER.
3. SUPPLY PLANTS THAT ARE SOURCED FROM NURSERIES LICENSED BY THE OHIO DEPARTMENT OF AGRICULTURE OR STATE EQUIVALENT. PLANTS SHALL BE HEALTHY, MEETING THE REQUIREMENTS SET FORTH IN CMS 661.02 AND THE CURRENT ADDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60).
4. ALL PLANT MATERIAL SHALL BE APPROVED BY THE ENGINEER UPON DELIVERY TO THE JOB SITE. PRIOR TO INSTALLATION, LABEL ALL PLANT SPECIMENS WITH BOTANICAL GENUS AND SPECIES NAMES.
5. THE CONTRACTOR SHALL MAKE CERTAIN THAT PROPOSED PLANTS ARE PROPERLY MAINTAINED AND WATERED DURING TRANSPORTATION AND STORAGE.
6. SEE THE SHRUB/TREE PLANTING DETAIL ON SHEET XX FOR LIMITS OF EXCAVATION (WIDTH, DEPTH & SHAPE FOR DRAINAGE), PLACEMENT OF ROOT BALL, SOIL MIX AND RIPRAP.
7. FINAL LOCATION OF ALL PLANT MATERIALS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
8. THE CONTRACTOR SHALL ENSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION OF PLANTS.
9. PREPARE A PLANT SOIL MIX AS PER CMS 661.09. FOR QUANTITY CALCULATION PURPOSES ASSUME 3 CUBIC YARDS PER SHRUB OF PREAPARED PLANTING SOIL MIX.
10. SUPPLY SAMPLE (APPROX. ONE GALLON) OF PLANTING SOIL MIX 15 DAYS PRIOR TO PLANTING.
11. PLANTING OPERATIONS SHALL STOP WHEN SOIL IS FROZEN OR WHEN TOPSOIL IS MUDDY.
12. LIFT PROPOSED PLANTS ONLY FROM THE BOTTOM OF THE ROOT BALL OR CONTAINERS.
13. SET PLANTS PLUMB IN PLANTING PIT.
14. PRIOR TO PLANTING, PRUNE OFF ANY SECONDARY / ADVENTITIOUS, GIRDING, AND POTENTIAL GIRDING ROOTS WITH CLEAN, SHARP PRUNING TOOLS.
15. INSTALL ALL PLANT MATERIALS AFTER MARCH 15 AND BEFORE JUNE 1 OR AFTER SEPTEMBER 15 AND BEFORE NOVEMBER 30. ENSURE A SUFFICIENT WATER SUPPLY IS AVAILABLE TO SATISY THE REQUIREMENTS OF THE PLANT MATERIALS AND ITEM 662.
16. DO NOT USE PLANTING SOIL MIX THAT IS MUDDY OR FROZEN.
17. AFTER THE SOIL AROUND THE ROOT BALL HAS BEEN TAMPED INTO PLACE, ALL EXCESS SOIL SHALL BE REMOVED AND THE SURROUNDING AREA ADJACENT TO THE PLANTINGS SHALL BE REPAIRED OR REGRADED.

LANDSCAPING PLAN NOTES (CONT.)

18. THE PLACEMENT OF THE GETOECTILE FABRIC LAYERS SHALL TAKE PLACE AFTER ALL PLANTINGS ARE COMPLETED. INSTEAD OF PLACING LANDSCAPE MULCH AROUND THE BASE OF THE PLANTING AS STATED IN CMS 661.11, COVER THIS MULCHED AREA WITH ONE LAYER OF GEOTEXTILE FABRIC AND RIPRAP. DO NOT PLACE THE GEOTEXTILE FABRIC OR RIPRAP WITHIN 4-INCHES OF THE PLANTING TRUNK/STEM.
19. ALL TAGS, ETC. SHALL BE REMOVED FROM THE PLANTS PRIOR TO THE END OF THE **PERIOD OF ESTABLISHMENT**.

PLANT MAINTENANCE AND GUARANTEE

1. THE CONTRACTOR SHALL ENSURE PLANTS ARE PROPERLY MAINTAINED THROUGHOUT THE **PERIOD OF ESTABLISHMENT** AS DETAILED IN CMS 661.14. THE MINIMUM **PERIOD OF ESTABLISHMENT** IS ONE COMPLETE GROWING SEASON, BEGINNING JUNE 1 AND ENDING OCTOBER 1.
2. THE **PERIOD OF ESTABLISHMENT** BEGINS IMMEDIATELY UPON COMPLETION OF THE PLANTING OPERATIONS.
3. DURING THE **PERIOD OF ESTABLISHMENT**, FOLLOW STANDARD HORTICULTURAL PRACTICES TO ENSURE THE VIGOR AND GROWTH OF THE PLANTINGS, INCLUDING WATERING (PER ITEM 662), RE-STAKING, CULTIVATING AND WEED REMOVAL AS NOTED IN CMS 661.14.
4. DURING THE FINAL ACCEPTANCE, ANY PLANT THAT IS UNHEALTHY, DYING (DEAD BRANCHES), COMPLETELY DEAD, OR HAS LOST ITS NATURAL SHAPE DUE TO EXCESSIVE PRUNING OR INADEQUATE MAINTENANCE, SHALL BE REPLACED IN THE NEXT PLANTING SEASON. REPLACEMENT PLANTS ARE SUBJECT TO A NEW ESTABLISHMENT PERIOD. THE CARE AND MAINTENANCE OF THE REPLACEMENT PLANTS SHALL BE AS PER CMS 661.14. THE REPLACEMENT PLANTS, THEIR INSTALLATION, AND MAINTENANCE DURING THE **NEW PERIOD OF ESTABLISHMENT** SHALL BE AT NO ADDITIONAL COST TO THE STATE. ALL REPLACEMENT PLANTS SHALL BE DOCUMENTED AND WILL BE SUBJECT TO AN INSPECTION AT THE END OF THE **NEW PERIOD OF ESTABLISHMENT**.
5. ALL REPLACEMENT PLANTS SUBJECT TO THIS CONTRACT SHALL BE INSPECTED AT THE END OF THEIR ONE YEAR ESTABLISHMENT PERIOD. THE DEPARTMENT WILL NOTIFY THE CONTRACTOR OF THE INSPECTION FINDINGS. AS A FINAL REMEDY, THE CONTRACTOR SHALL INSTALL REPLACEMENT PLANTINGS FOR ANY REPLANTINGS THAT DID NOT SURVIVE THE **NEW PERIOD OF ESTABLISHMENT** AT NO ADDITIONAL COST TO THE STATE.

LANDSCAPE NOTES

DESIGN AGENCY



DESIGNER

VHP

REVIEWER

NSP 10-22-25

PROJECT ID

111621

SHEET

115A

TOTAL

127