

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

# DEL-257-1.53

## LIBERTY TOWNSHIP CONCORD TOWNSHIP DELAWARE COUNTY

**PROJECT DESCRIPTION**

RESURFACING PROJECT TO INCLUDE:  
PLANING AND ASPHALT OVERLAY OF 5.8 MILES OF  
SR 257 FROM 0.5 MILES NORTH OF SR 750 (SLM 1.53)  
TO 250' SOUTH OF US 42 (SLM 7.77) IN DELAWARE COUNTY.

SUSPEND PAVING AT SLM 4.12 AND RESUME AT SLM 4.56,  
SKIPPING THE ROUNDABOUT AT HOME ROAD.

PAVEMENT REPAIRS IN VARIOUS LOCATIONS FROM  
0.3 MILES NORTH OF SR 750 (SLM 1.35) TO US 42 (7.77).

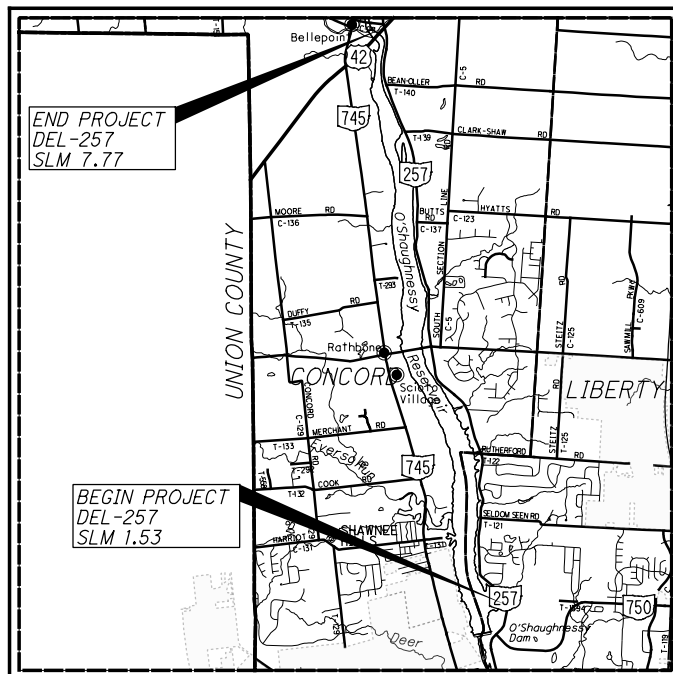
PAVEMENT MARKING/LANE USE CHANGES FROM 0.14 MILES  
NORTH OF SR 750 (SLM 1.19) TO BEGIN PROJECT (SLM 1.53).

VARIOUS GUARDRAIL UPGRADES IN VARIOUS LOCATIONS.

SEALING OF STRUCTURE DEL-257-3.08 WITH  
GRAVITY FED RESIN.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: N/A\*  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A\*  
NOTICE OF INTENT EARTH DISTURBED AREA: N/A\*  
\*MAINTENANCE PROJECT



LOCATION MAP

LATITUDE: 40°12'05" LONGITUDE: 83°08'10"



PORTION TO BE IMPROVED	-----	=====
INTERSTATE HIGHWAY	-----	=====
FEDERAL ROUTES	-----	=====
STATE ROUTES	-----	=====
COUNTY & TOWNSHIP ROADS	-----	=====
OTHER ROADS	-----	=====

**DESIGN DESIGNATION**

CURRENT ADT (2020)	9,200	
DESIGN YEAR ADT (2032)	11,000	
DESIGN HOURLY VOLUME (2032)	990	
DIRECTIONAL DISTRIBUTION	56%	
TRUCKS (24 HOUR B&C)	7%	
DESIGN SPEED	55 MPH	
LEGAL SPEED	55 MPH	
DESIGN FUNCTIONAL CLASSIFICATION:	SLM 1.05-4.35	04 MINOR ARTERIAL (URBAN)
	SLM 4.35-5.69	05 MAJOR COLLECTOR (URBAN)
	SLM 5.69-7.80	05 MAJOR COLLECTOR (RURAL)
NHS PROJECT	NO	

**DESIGN EXCEPTIONS**

NONE

**UNDERGROUND UTILITIES**  
Contact Two Working Days  
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764  
(Non-members must be called directly)

PLAN PREPARED BY:

ENGINEERS SEAL:

SIGNED: *Katherine Montoya*  
DATE: 10/24/19

**INDEX OF SHEETS:**

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STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	10/18/19	MGS-1.1	01/19/18	MT-97.10	04/19/19	TC-41.20	10/18/13	800	10/18/19
BP-3.2	01/18/19	MGS-2.1	01/19/18	MT-97.12	01/20/17	TC-42.20	10/18/13	821	04/20/12
BP-4.1	07/19/13	MGS-4.1	01/20/17	MT-101.90	07/21/17	TC-52.10	10/18/13	832	10/19/18
		MGS-4.2	07/19/13	MT-105.10	07/19/13	TC-52.20	07/20/18		
		MGS-4.3	01/18/13			TC-61.30	01/20/17		
DBR-2-73	07/19/02	MGS-5.2	07/15/16			TC-65.10	01/17/14		
DBR-3-11	07/15/11	MGS-5.3	07/15/16			TC-65.11	07/21/17		
		RM-1.1	07/18/14						
									SPECIAL PROVISIONS

**2019 SPECIFICATIONS**

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED: *[Signature]*  
DISTRICT DEPUTY DIRECTOR

DATE: 10/24/19

APPROVED: \_\_\_\_\_  
DIRECTOR, DEPARTMENT OF TRANSPORTATION

DATE: \_\_\_\_\_

FEDERAL PROJECT NO.  
E190(141)

PID NO.  
107793

CONSTRUCTION PROJECT NO.  
-

RAILROAD INVOLVEMENT  
NONE

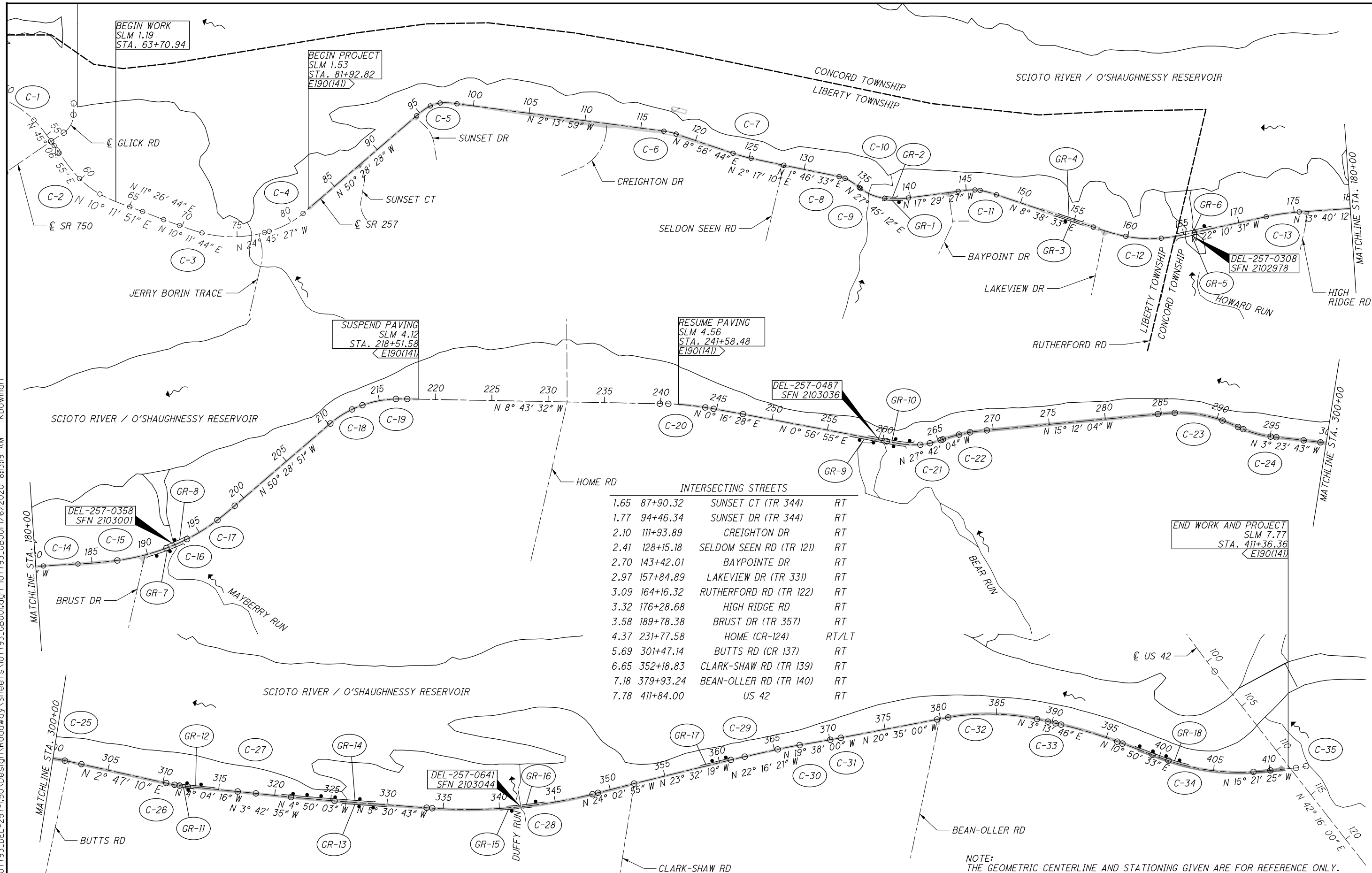
DEL-257-1.53



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**SCHEMATIC PLAN**

**DEL-257-1.53**



**INTERSECTING STREETS**

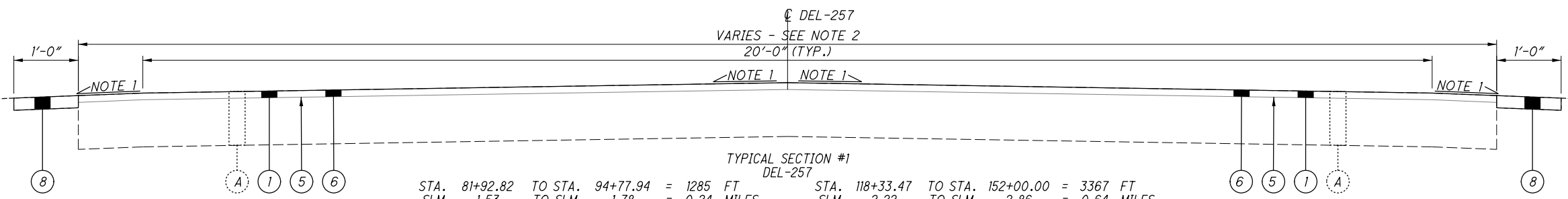
1.65	87+90.32	SUNSET CT (TR 344)	RT
1.77	94+46.34	SUNSET DR (TR 344)	RT
2.10	111+93.89	CREIGHTON DR	RT
2.41	128+15.18	SELDON SEEN RD (TR 121)	RT
2.70	143+42.01	BAYPOINTE DR	RT
2.97	157+84.89	LAKEVIEW DR (TR 331)	RT
3.09	164+16.32	RUTHERFORD RD (TR 122)	RT
3.32	176+28.68	HIGH RIDGE RD	RT
3.58	189+78.38	BRUST DR (TR 357)	RT
4.37	231+77.58	HOME (CR-124)	RT/LT
5.69	301+47.14	BUTTS RD (CR 137)	RT
6.65	352+18.83	CLARK-SHAW RD (TR 139)	RT
7.18	379+93.24	BEAN-OLLER RD (TR 140)	RT
7.78	411+84.00	US 42	RT

CATEGORY	GROUP	RESPONSIBLE ENTITY	PLAN SPLIT CODE	DESCRIPTION
STP > 200000	PAVEMENT	STATE	01/S>2/PV	DEL-257 1.53 TO 5.69
STP > 200000	BRIDGE	STATE	02/S>2/BR	Minor work on 2102978, DEL-257-3.08
STP RURAL	PAVEMENT	STATE	03/STR/PV	DEL-257 5.69 TO 7.77

**NOTE:**  
THE GEOMETRIC CENTERLINE AND STATIONING GIVEN ARE FOR REFERENCE ONLY. THIS CENTERLINE SHOULD NOT BE USED TO TIE DOWN RIGHT-OF-WAY, CENTERLINE MONUMENTS, OR EXISTING PAVEMENT GEOMETRY. THIS CENTERLINE CAN BE USED FOR THE PURPOSE OF CONSTRUCTION LAYOUT STAKES AND SURVEYING.

THERE ARE NO EXISTING LANDSCAPED AREAS WITHIN THE WORK LIMITS.  
FOR CURVE DATA, SEE SHEET 3.

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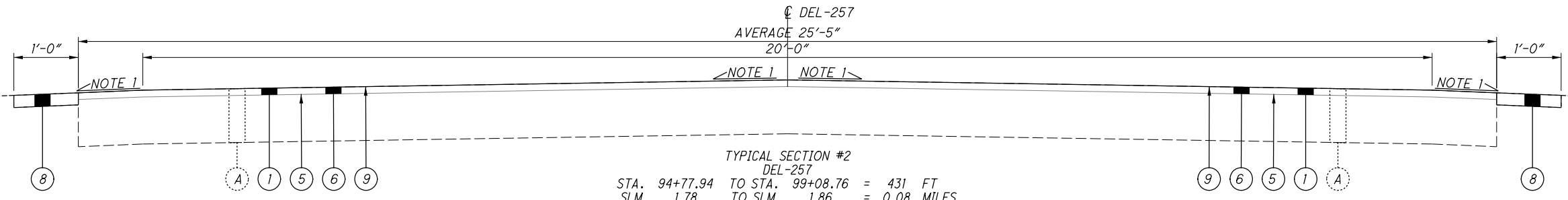
TYPICAL SECTION #1  
DEL-257

STA. 81+92.82 TO STA. 94+77.94 = 1285 FT	STA. 118+33.47 TO STA. 152+00.00 = 3367 FT
SLM 1.53 TO SLM 1.78 = 0.24 MILES	SLM 2.22 TO SLM 2.86 = 0.64 MILES
STA. 99+08.76 TO STA. 117+00.00 = 1791 FT	STA. 157+31.13 TO STA. 218+51.58 = 6120 FT
SLM 1.86 TO SLM 2.20 = 0.34 MILES	SLM 2.96 TO SLM 4.12 = 1.16 MILES

SEE SHEET 5 FOR STA. 117+00.00 TO 118+33.47

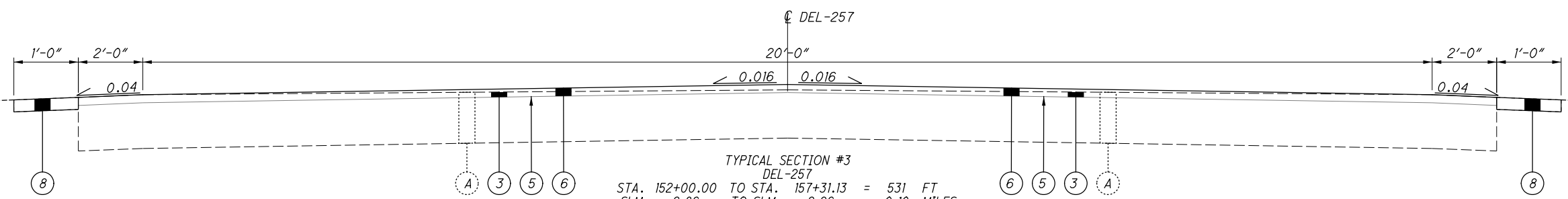
SUSPEND STA. 218+51.58 / RESUME STA. 241+58.48

STA. 241+58.48 TO STA. 408+86.36 = 16728 FT
SLM 4.56 TO SLM 7.73 = 3.17 MILES



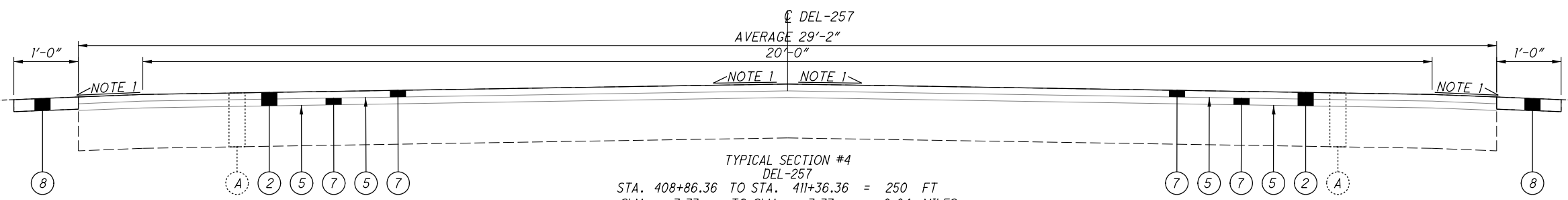
TYPICAL SECTION #2  
DEL-257

STA. 94+77.94 TO STA. 99+08.76 = 431 FT
SLM 1.78 TO SLM 1.86 = 0.08 MILES



TYPICAL SECTION #3  
DEL-257

STA. 152+00.00 TO STA. 157+31.13 = 531 FT
SLM 2.86 TO SLM 2.96 = 0.10 MILES



TYPICAL SECTION #4  
DEL-257

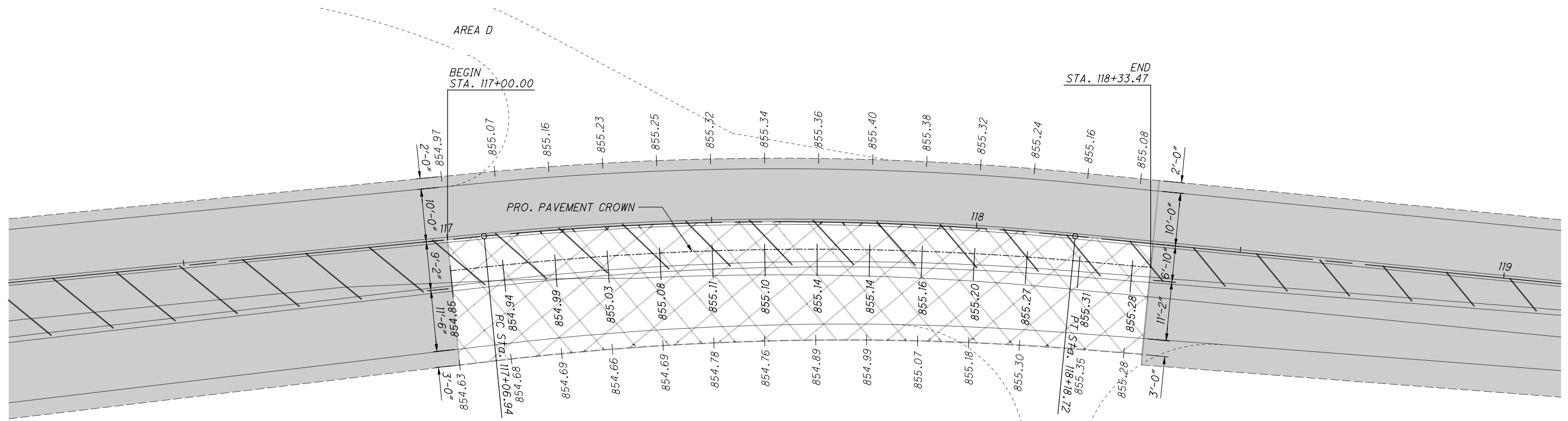
STA. 408+86.36 TO STA. 411+36.36 = 250 FT
SLM 7.73 TO SLM 7.77 = 0.04 MILES

**LEGEND**

- (A) EXISTING PAVEMENT
- (1) ITEM 254 - 1.50" PAVEMENT PLANING, ASPHALT CONCRETE
- (2) ITEM 254 - 3.00" PAVEMENT PLANING, ASPHALT CONCRETE
- (3) ITEM 254 - VARIABLE DEPTH (AVG. 1.0") PAVEMENT PLANING, ASPHALT CONCRETE (MIN. 0.5")
- (4) ITEM 254 - VARIABLE DEPTH (AVG. 2.0") PAVEMENT PLANING, ASPHALT CONCRETE (MIN 0.5")
- (5) ITEM 407 - NON-TRACKING TACK COAT (PER CMS TABLE 407.06-1)
- (6) ITEM 441 - 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22
- (7) ITEM 442 - 1.50" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)
- (8) ITEM 617 - 2.00" COMPACTED AGGREGATE
- (9) ITEM 888 - HIGH FRICTION SURFACE COURSE, SINGLE LIFT


NOTES:  
1. MAINTAIN EXISTING CROSS SLOPES  
2. SEE PAVEMENT SUBSUMMARY FOR DETAILED WIDTHS

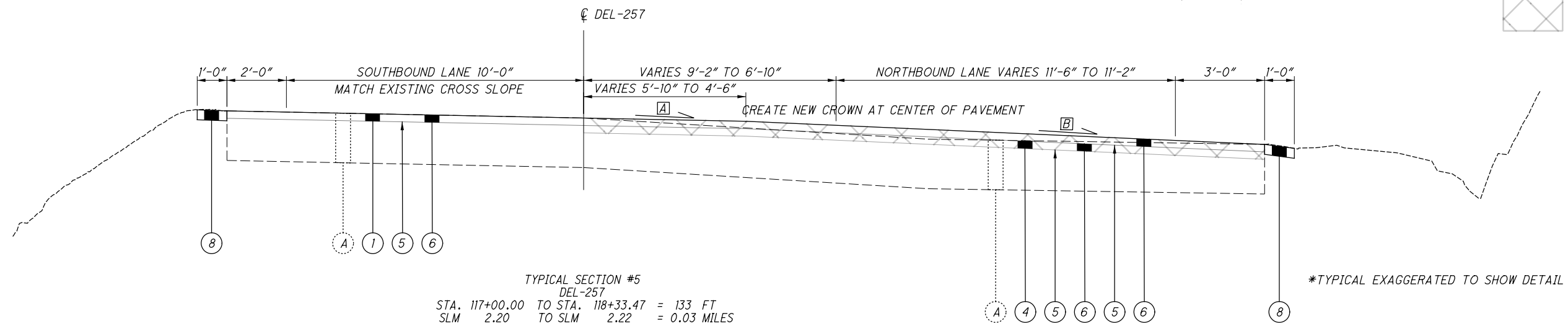
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THE INTENT OF THIS WORK IS TO CREATE POSITIVE DRAINAGE OFF OF THE ROADWAY SURFACE.

9241 RIVERSIDE DR


 CROWN CORRECTION WITH VARIABLE DEPTH MILL AND 3.0" ITEM 441 - ASPHALT CONCRETE SURFACE COURSE



TYPICAL SECTION #5  
 DEL-257  
 STA. 117+00.00 TO STA. 118+33.47 = 133 FT  
 SLM 2.20 TO SLM 2.22 = 0.03 MILES

\*TYPICAL EXAGGERATED TO SHOW DETAIL

**LEGEND**

- (A) EXISTING PAVEMENT
- (1) ITEM 254 - 1.50" PAVEMENT PLANING, ASPHALT CONCRETE
- (2) ITEM 254 - 3.00" PAVEMENT PLANING, ASPHALT CONCRETE
- (3) ITEM 254 - VARIABLE DEPTH (AVG. 1.0") PAVEMENT PLANING, ASPHALT CONCRETE (MIN. 0.5")
- (4) ITEM 254 - VARIABLE DEPTH (AVG. 2.0") PAVEMENT PLANING, ASPHALT CONCRETE (MIN 0.5")
- (5) ITEM 407 - NON-TRACKING TACK COAT (PER CMS TABLE 407.06-1)
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- (7) ITEM 442 - 1.50" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)
- (8) ITEM 617 - 2.00" COMPACTED AGGREGATE
- (9) ITEM 888 - HIGH FRICTION SURFACE COURSE, SINGLE LIFT

STATION	(A)	(B)	COMMENTS
117+00.00	-0.004	-0.013	MATCH EXISTING
117+10.00	-0.007	-0.014	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
117+20.00	-0.010	-0.017	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
117+30.00	-0.011	-0.021	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
117+40.00	-0.010	-0.022	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
117+50.00	-0.012	-0.019	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
117+60.00	-0.014	-0.020	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
117+70.00	-0.013	-0.015	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
117+80.00	-0.015	-0.009	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
117+90.00	-0.013	-0.005	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
118+00.00	-0.007	-0.001	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
118+10.00	0.002	0.002	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
118+20.00	0.009	0.002	CROSS SLOPE (A) TO MATCH EXISTING SOUTHBOUND CROSS SLOPE
118+30.00	0.016	0.000	MATCH EXISTING

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**ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE:**

THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE CONTRACTORS EQUIPMENT THAT MAY RESULT FROM THE PLANING OPERATION, INCLUDING DAMAGE CAUSED BY CASTINGS AND LOOP DETECTORS. THE DEPTH OF PLANING CLOSE TO THE CASTINGS SHALL BE AS DIRECTED; TO ACHIEVE A SMOOTH RIDING FINISHED PAVEMENT. GREAT CARE SHALL BE TAKEN TO PREVENT THE REMOVAL OF THE EXISTING PAVEMENT CROSS-SLOPE (CROWN) DURING THE PLANING OPERATIONS.

THE CONTRACTOR SHALL LIMIT THE PLANING OPERATION TO ONE LANE AT A TIME AS TO ENSURE THAT THE PROPOSED SURFACE COURSE IS BUTTING UP TO EITHER PROPOSED OR EXISTING ASPHALT.

PLANED PAVEMENT SHALL NOT BE EXPOSED TO TRAFFIC FOR MORE THAN 7 CALENDAR DAYS. FAILURE TO MEET THIS REQUIREMENT WILL SUBJECT THE CONTRACTOR TO A DISINCENTIVE OF \$600/DAY FOR EACH DAY THE PLANED SURFACE IS NOT RESURFACED.

BUTT JOINTS SHALL BE PROVIDED AT THE BEGINNING AND END OF PAVING LIMITS AND AT THE APPROACH SLABS OF ALL STRUCTURES NOT BEING PAVED.

**ITEM 617 - WATER:**

THE FOLLOWING QUANTITY HAS BEEN PROVIDED AND THE TOTAL HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 617 - WATER = 2 MGAL

**ITEM 630 - SIGNING, MISC.: REMOVAL OF WOOD ADDRESS POST AND REERECTION:**

THIS ITEM SHALL INCLUDE THE REMOVAL AND REERECTION OF THE ADDRESS AND PARK AREA WOODEN MARKER POSTS. FOLLOW C&MS 630.12.

THIS ITEM IS NOT INTENDED FOR POSTS WHICH BECOME DAMAGED BY THE CONTRACTOR. GREAT CARE SHALL BE TAKEN TO PREVENT DAMAGE TO ANY OF THE EXISTING POSTS DURING THE CONSTRUCTION OPERATIONS. ANY POST WHICH BECOMES DAMAGED BY THE CONTRACTOR'S CONSTRUCTION OPERATIONS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

THIS ITEM SHALL INCLUDE THE COST OF ALL MATERIAL, LABOR AND EQUIPMENT NECESSARY TO COMPLETE THE REMOVAL AND REERECTION.

**ITEM 621 - RPM:**

THE RPMs FROM STA. 94+77.94 TO STA. 99+08.76 SHALL BE INSTALLED AFTER THE PLACEMENT OF ITEM 888, HIGH FRICTION SURFACE COURSE.

**ITEM 642 - REMOVAL OF PAVEMENT MARKING:**

THIS ITEM IS TO BE USED TO REMOVE THE WORK ZONE PAVEMENT MARKINGS FROM STA. 94+77.94 TO STA. 99+08.76, WHERE ITEM 888, HIGH FRICTION SURFACE COURSE IS USED, AS PER SS888.03.

THE FOLLOWING QUANTITY HAS BEEN PROVIDED AND THE TOTAL HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 642 - REMOVAL OF PAVEMENT MARKINGS = 0.25 MILE

**PROPOSED NO PASSING ZONES:**

THE PROPER PLACEMENT OF THE PASSING AND NO PASSING ZONES AS SHOWN ON PLAN SHEETS 44-47 SHALL BE CONFIRMED BY THE CONTRACTOR AND PLACED BY USING THE CONTROL POINTS SHOWN ON THE PLAN SHEETS.

SLM'S ON THE PASSING ZONE SHEETS COULD BE DIFFERENT THAN THE SLM'S SHOWN ON THE PAVING PLAN. ALL START AND STOP SLM LOCATIONS SHALL BE WITHIN 0.005 MILES OF THE LOCATIONS SHOWN ON THE PLAN SHEETS LISTED ABOVE. A LETTER OF VERIFICATION OF ALL PASSING AND NO PASSING ZONES SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR PLACEMENT IN THE PROJECT RECORDS. ANY IMPROPERLY PLACED PASSING OR NO PASSING ZONES SHALL BE IMMEDIATELY CORRECTED.

**ITEM 644 - PAVEMENT MARKING**

**ITEM 646 - PAVEMENT MARKING:**

WITH THE EXCEPTION OF THE PROPOSED PASSING ZONES, IT IS THE INTENT OF THE PROPOSED PAVEMENT MARKINGS TO BE THE SAME AS EXISTING. ANY DEVIATION FROM EXISTING WILL BE IDENTIFIED WITHIN THIS PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION, SIZE AND SHAPE OF THESE EXISTING PAVEMENT MARKINGS BEFORE THE RESURFACING WORK OBLITERATES THEM. ANY PAVEMENT MARKING WHICH IS PLACED AT THE WRONG LOCATION SHALL BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

THE FOLLOWING CONTINGENCY QUANTITIES HAVE BEEN PROVIDED FOR USE AS DIRECTED BY THE ENGINEER IN AREAS DISTURBED BY PAVEMENT REPAIRS OUTSIDE OF THE RESURFACING LIMITS. THE TOTALS HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 644 - EDGE LINE, 6" = 0.10 MILE

ITEM 644 - CENTER LINE = 0.10 MILE

ITEM 644 - DOTTED LINE, 6" = 500 FT

**ITEM 623 - CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN:**

THE ITEM SHALL CONSIST OF STATION USING 3 FT LATH STAKES OR PAINT MARKINGS. THE STAKES OR PAINT MARKINGS SHALL BE SPACED EVERY 200' FOR THE ENTIRE LENGTH. PLACEMENT OF THE STAKES OR PAINT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY DAMAGED, MISSING STAKES, OR PAINT MARKINGS. PAINT MARKINGS SHALL BE PLACED ON CURBS AND USED IN AREAS WERE THE PLACEMENT OF STAKES IS NOT POSSIBLE AND APPROVED BY THE PROJECT ENGINEER.

THIS ITEM SHALL ALSO BE USED TO ESTABLISH THE EXISTING RIGHT OF WAY TO VERIFY THAT ALL WORK (OUTSIDE THE ROADWAY) IS CONTAINED WITHIN THE EXISTING RIGHT OF WAY LIMITS.

**STREAM IMPACTS:**

THE CONTRACTOR SHALL NOT IMPACT ANY STREAMS/RIVERS WITH THIS PROJECT (SCIOTO RIVER OR O'SHAUGHNESSY RESERVOIR). THE CONTRACTOR SHALL UTILIZE APPROPRIATE BMPS TO AVOID ANY IMPACTS TO RESOURCES SUCH AS, INCORPORATE BUFFERS AND CATCHMENT MECHANISMS TO ENSURE NO DEBRIS OR HAZARDOUS WASTE ENTERS THE AFOREMENTIONED WATER BODIES.

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GENERAL NOTES

DEL-257-1.53

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SHEET NUMBER										PARTICIPATION				ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
9-12	13-15	18	19	20	21	42	43	48		01/ST/PV	02/S2/BR	03/STR/PV							
					3131.25					1568.75		1562.50		202	38001	3131.25	FT	ROADWAY	
					32					18		14		202	42001	32	EACH	GUARDRAIL REMOVED, AS PER PLAN	9
					3					1		2		202	42041	3	EACH	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN	9
					18					12		6		202	47001	18	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T, AS PER PLAN	9
1												1		202	53101	1	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED, AS PER PLAN	9
																		MAILBOX REMOVED, AS PER PLAN	
					1							1		202	98100	1	EACH	REMOVAL MISC.: ANCHOR ASSEMBLY FOUNDATION	9
1										1				202	98100	1	EACH	REMOVAL MISC.: BUSH	10
52										52				202	98200	52	FT	REMOVAL MISC.: STONE WALL	10
5										5				202	98200	5	FT	REMOVAL MISC.: WOOD FENCE	10
28												28		202	98300	28	SY	REMOVAL MISC.: LANDSCAPING	10
					2137					1191		946		203	20001	2137	CY	EMBANKMENT, AS PER PLAN	10
					70					33		37		209	60200	70	STA	LINEAR GRADING	
					1881.25					418.75		1462.50		606	15050	1881.25	FT	GUARDRAIL, TYPE MGS	
					2975					1687.5		1287.5		606	15100	2975	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
					1					1				606	25550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE A	
					20					8		12		606	26151	20	EACH	ANCHOR ASSEMBLY, MGS TYPE E, AS PER PLAN (NCHRP350 OR MASH 2016)	10
					14					11		3		606	26550	14	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
					19					12		7		606	35141	19	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN	10
					1							1		606	35141	1	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN, RADIUS	10
150										62.5		87.5		606	98000	150	FT	GUARDRAIL MISC.: ALTERNATE GUARDRAIL PLACEMENT	10
					137.5					112.5		25.0		606	98000	137.5	FT	GUARDRAIL MISC.: PANELS REMOVED AND REPLACED	10
3										1		2		623	39500	3	EACH	MONUMENT BOX ADJUSTED TO GRADE	
1												1		623	39600	1	EACH	MONUMENT BOX RECONSTRUCTED TO GRADE	
1												1		SPECIAL	69050000	1	EACH	MAILBOX SUPPORT	11
					1							1		SPECIAL	69050350	1	EACH	MAILBOX REMOVED AND RESET	11
																		EROSION CONTROL	
711										400		311		659	00300	711	CY	TOPSOIL	
6404										3575		2829		659	10000	6404	SY	SEEDING AND MULCHING	
320										179		141		659	14000	320	SY	REPAIR SEEDING AND MULCHING	
320										179		141		659	15000	320	SY	INTER-SEEDING	
0.86										0.48		0.38		659	20000	0.86	TON	COMMERCIAL FERTILIZER	
1.32										0.74		0.58		659	31000	1.32	ACRE	LIME	
34										19		15		659	35000	34	MGAL	WATER	
										668		332		832	30000	1000	EACH	EROSION CONTROL	
																		PAVEMENT	
63		602	22							579		108		251	01041	687	SY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 3.0"	11
461		2004	2690							3839		1316		251	01041	5155	SY	PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 4.0"	11
171		1141	513							1768		57		253	01001	1825	SY	PAVEMENT REPAIR, AS PER PLAN, 7.5"	11
					86324					56633		29691		254	01000	86324	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.50"	
					812							812		254	01000	812	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3.00"	
					1416					1416				254	01000	1416	SY	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (1.00" AVG.)	
					325					325				254	01000	325	SY	PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH (2.00" AVG.)	
					7758					5069		2689		407	20000	7758	GAL	NON-TRACKING TACK COAT	
					3708					2464		1244		441	10000	3708	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22	
					68							68		442	10000	68	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
					404					264		140		617	10100	404	CY	COMPACTED AGGREGATE	
2										1		1		617	25000	2	MGAL	WATER	
					1215					1215				888	10000	1215	SY	HIGH FRICTION SURFACE COURSE, SINGLE LIFT	

CALCULATED	KLM	CHECKED	XXX
<b>GENERAL SUMMARY</b>			
<b>DEL-257-1.53</b>			
16			
54			

