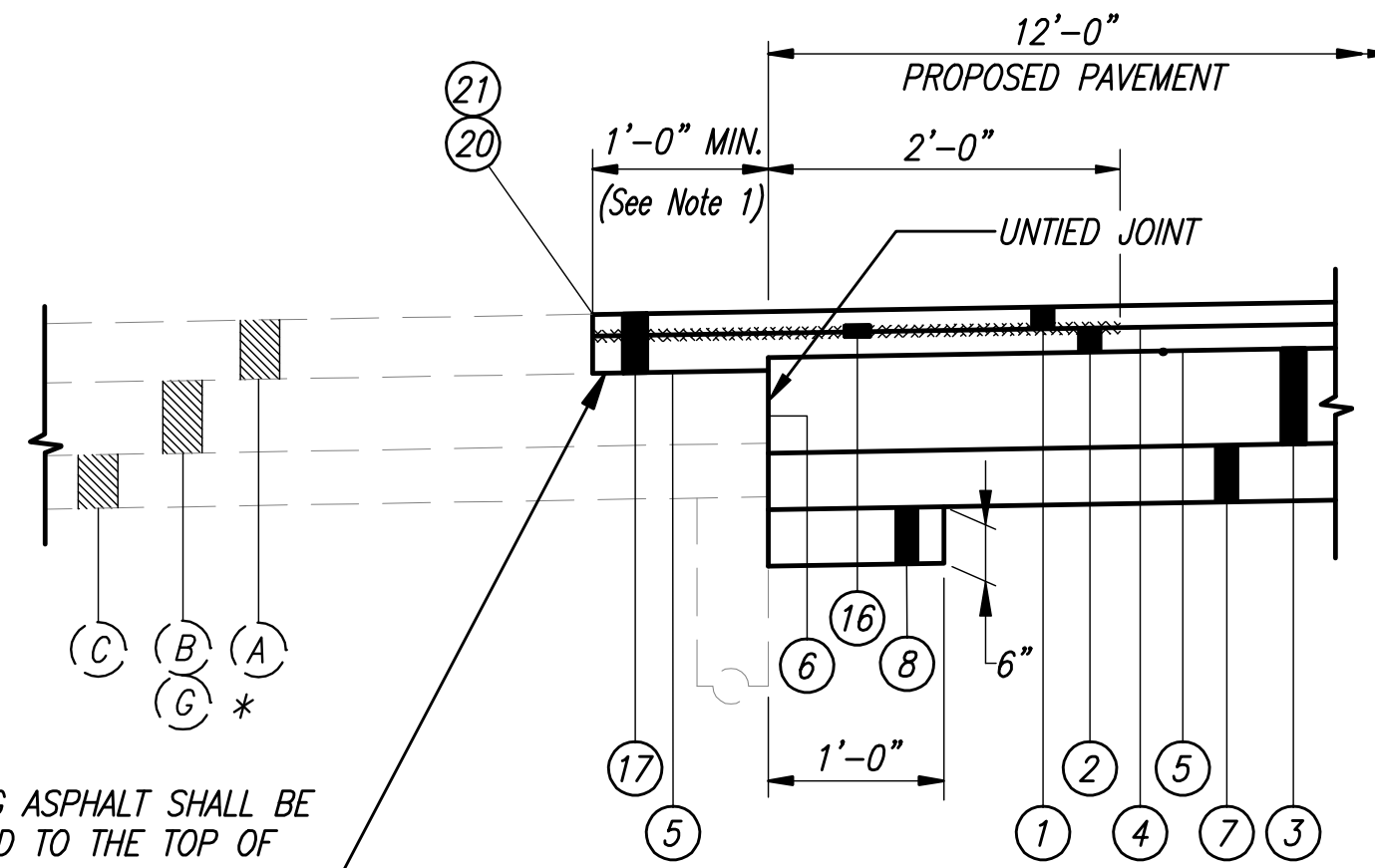


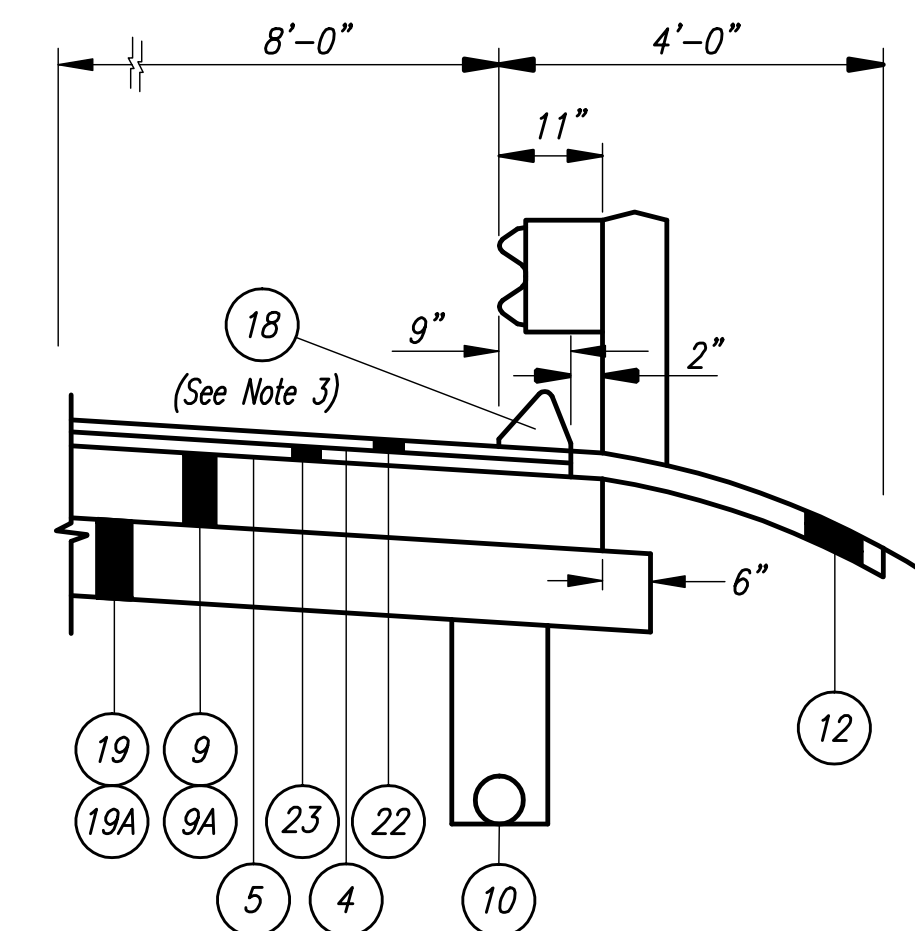
NOTE: CONSTRUCT LONGITUDINAL JOINTS BETWEEN SIMULTANEOUSLY PLACED LANES BY SAWING PER ODOT SPECIFICATION 451.08.

LONGITUDINAL JOINT DETAIL
NOT TO SCALE



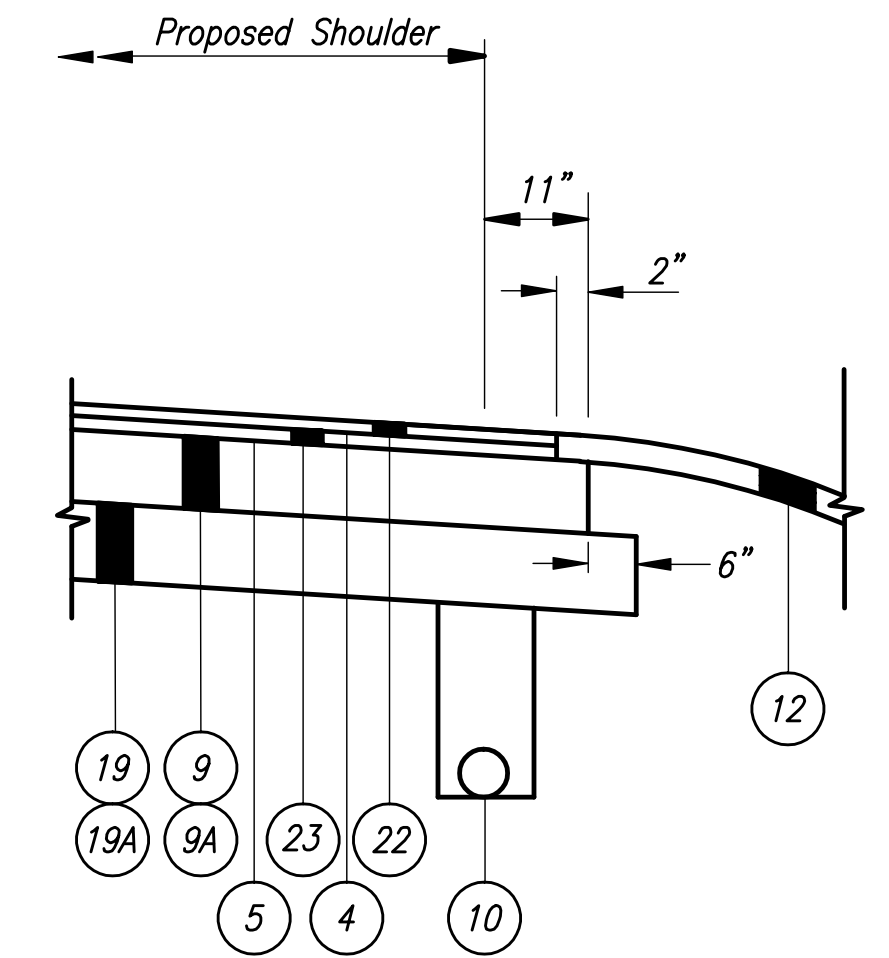
EXISTING ASPHALT SHALL BE REMOVED TO THE TOP OF EXISTING CONCRETE BASE (REDUCE MILL DEPTH TO 3.25" WHERE BASE PAVEMENT IS ASPHALT)

PAVEMENT JOINT DETAIL
NOT TO SCALE

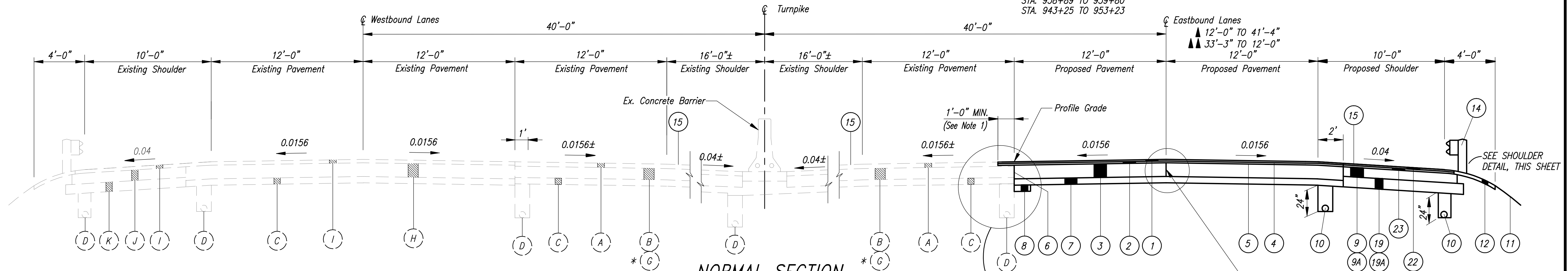


ASPHALT CURB SHOULDER DETAIL

SCALE: 1" = 2'
 STA. 797+06 TO 803+74
 STA. 805+91 TO 814+50
 STA. 846+45 TO 846+61
 STA. 846+96 TO 849+35
 STA. 882+34 TO 897+91
 STA. 900+49 TO 913+76
 STA. 915+32 TO 916+54
 STA. 938+89 TO 939+80
 STA. 943+25 TO 953+23



SHOULDER DETAIL
SCALE: 1" = 2'



* PAVEMENT BASE MATERIAL CHANGES TO ASPHALT WITHIN THESE LIMITS

NORMAL SECTION

BEGIN PROJECT TO STA. 756+28.40
 STA. 782+17.57 TO STA. 788+49.28
 STA. 790+20.03 TO STA. 803+63.67
 STA. 805+81.61 TO STA. 815+15.75
 STA. 845+56.73 TO STA. 846+94.59
 STA. 849+29.38 TO STA. 898+82.47
 STA. 901+42.99 TO STA. 913+55.59
 STA. 915+12.27 TO STA. 941+08.13
 STA. 944+44.73 TO STA. 972+30.39
 STA. 990+50.00 TO STA. 985+93.00
 * STA. 985+93.00 TO STA. 995+00.00

ITEM LEGEND

- | | |
|---|---|
| 1 ITEM SP 404 1-1/2" ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 70-22 (FR) | 13 ITEM SP 611 CLASS C CONCRETE, APPROACH SLAB, USING TYPE I CEMENT (T=12") |
| 2 ITEM SP 402 1-3/4" ASPHALT CONCRETE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE, PG 70-22 (FR) | 14 ITEM 606 GUARDRAIL, TYPE 5, USING STEEL POSTS |
| 3 ITEM 452 NON-REINFORCED CONCRETE PAVEMENT (T=13") | 15 ITEM SPECIAL SONIC NAP ALERT PATTERN (SNAP) |
| 4 ITEM SP 407 TACK COAT FOR INTERMEDIATE COURSE, APPLIED @ 0.06 GAL./S.Y. | 16 ITEM SPECIAL ASPHALT PAVEMENT REINFORCEMENT |
| 5 ITEM SP 407 TACK COAT, APPLIED @ 0.075 GAL./S.Y. | 17 ITEM 254 5" PAVEMENT PLANING, ASPHALT CONCRETE (REDUCE MILL DEPTH TO 3.25" WHERE BASE PAVEMENT IS ASPHALT) |
| 6 ITEM 252 FULL DEPTH PAVEMENT SAWING | 18 ITEM 609 ASPHALT CONCRETE CURB, PG 64-22, STANDARD TYPE 1 |
| 7 ITEM SP 304 6" AGGREGATE BASE | 19 ITEM SP 304 10" AGGREGATE BASE (SHOULDER) |
| 8 ITEM 605 AGGREGATE DRAIN, AS PER PLAN | 19A ITEM SP 304 10" RECYCLED AGGREGATE BASE, AS PER PLAN (SHOULDER) (ALTERNATE BID ITEM) |
| 9 ITEM SPECIAL ROLLER COMPACTED CONCRETE (SHOULDER T=9") | 20 ITEM SP 404A JOINT SEALER - (APPLIED TO VERTICAL FACE) |
| 9A ITEM SP 302 9" BITUMINOUS AGGREGATE BASE COURSE, PG 64-22 (ALTERNATE BID ITEM) | 21 ITEM SPECIAL SAW CUT JOINT (SEE NOTE 2) |
| 10 ITEM SP 605 6" SHALLOW PIPE UNDERDRAIN WITH FABRIC WRAP | 22 ITEM SP 404 1-1/2" ASPHALT CONCRETE SURFACE COURSE USING CRUSHED SLAG, PG 64-22 |
| 11 ITEM 659 SEEDING AND MULCHING | 23 ITEM SP 402 1-3/4" ASPHALT CONCRETE SURFACE COURSE USING ASPHALT CONCRETE BASE COURSE, PR 64-22 |
| 12 ITEM SP 617 COMPACTED AGGREGATE (T=3") (WITHOUT GUARDRAIL) | |
| ITEM SP 627 STONE SHOULDER PROTECTION (T=3") (WITH GUARDRAIL) | |

- ▲ PAVEMENT WIDTH INCREASES FOR SERVICE PLAZA FROM STA. 940+01.10 TO STA. 952+96.56.
 ▲▲ PAVEMENT WIDTH DECREASES FOR SERVICE PLAZA FROM STA. 969+34.44 TO STA. 978+97.56.

EX. ITEM LEGEND

- | | |
|--|--|
| (A) ASPHALT CONCRETE (T=5"±) | (G) 10"± BITUMINOUS AGGREGATE BASE FROM STA. 985+93 TO STA. 995+00 |
| (B) 10"± REINFORCED CONCRETE PAVEMENT | (H) 13"± NON-REINFORCED CONCRETE PAVEMENT |
| (C) 6"± AGGREGATE BASE | (I) 3"± ASPHALT CONCRETE |
| (D) 6" UNDERDRAIN | (J) 10"± ROLLER COMPACTED CONCRETE |
| (E) REINFORCED CONCRETE APPROACH SLAB (T=10"±) | (K) 9"± AGGREGATE BASE |
| (F) 6"± SUBBASE, TYPE J | (L) REINFORCED CONCRETE APPROACH SLAB (T=12"±) |

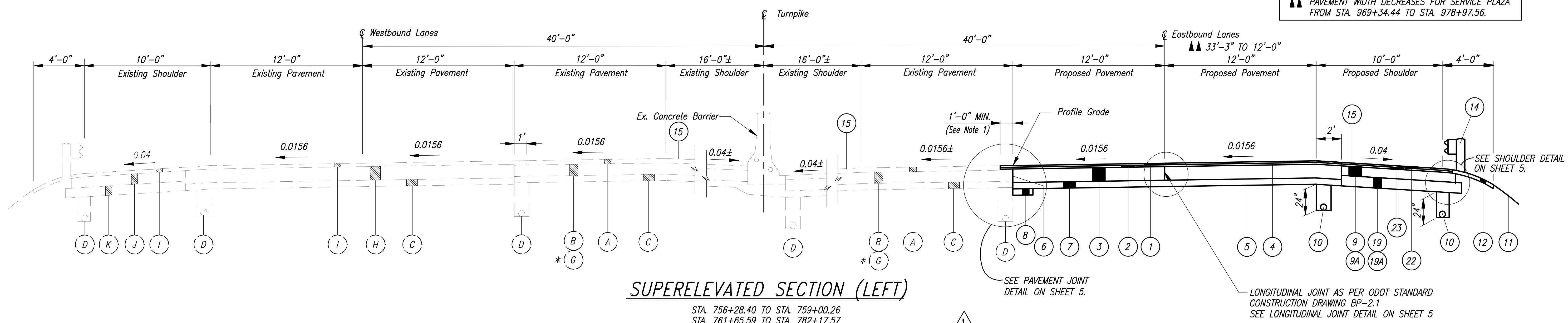
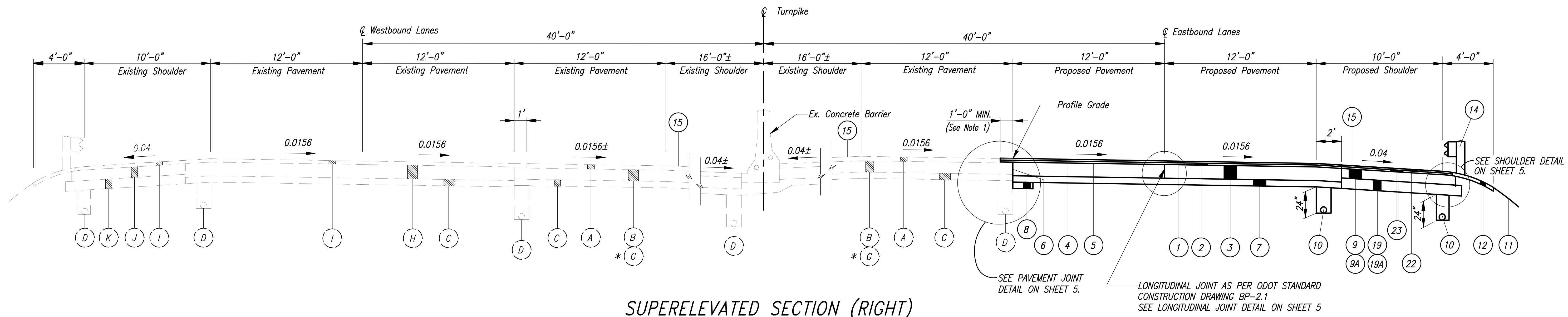
NOTE 1: ASPHALT PAVEMENT PLANING OPERATION WITHIN THIS ONE-FOOT AREA MAY OCCUR BEFORE OR AFTER PLACEMENT OF ITEM 452-NON-REINFORCED CONCRETE PAVEMENT (T=13"). REQUIREMENTS FOR ASPHALT PLACED WITHIN THIS ONE-FOOT AREA SHALL BE IN STRICT COMPLIANCE WITH SP 400.

NOTE 2: SAW CUT IS REQUIRED. SAW CUT MAY BE WAIVED BY CHIEF ENGINEER PROVIDED CONTRACTOR DEMONSTRATES ABILITY TO PROVIDE A STRAIGHT, VERTICAL FACE CUT WITH NO DAMAGE TO ADJACENT PAVEMENT. SEE SHEET 9 FOR SAW CUTTING DETAILS.

NOTE 3: ASPHALT CURB TO BE SEALED AS PER THE REQUIREMENTS OF SP 400.

DESIGNED BY: J.M.P.	CHECKED BY:
DATE: OCT. 2011	DATE:
DRAWN BY: J.J.C.	REVISED BY:
DATE: OCT. 2011	DATE:
CAD FILE NAME: 11317/GY002.DWG	

ADDENDUM NO. 3		PSL	1/12
NO.	REVISIONS	BY	DATE
OHIO TURNPIKE COMMISSION			
TYPICAL SECTIONS			
CT Consultants engineers architects planners			
DESIGNED: J.M.P.	CHECKED: J.M.P.	DATE: OCT. 2011	
DRAWN: M.L.M.	IN CHARGE: W.D.B.	SCALE: 1:4	
CONTRACT 39-12-01 SHEET 5 OF 136			



DESIGNED BY: J.M.P. CHECKED BY: J.M.P. DATE: NOV. 2010
 DRAWN BY: M.L.M. REVISIONS: DATE: NOV. 2010
 CAD FILE NAME: GY002.DWG

FOR LEGEND(S) SEE SHEET 5

NOTE 1: ASPHALT PAVEMENT PLANING OPERATION WITHIN THIS ONE-FOOT AREA MAY OCCUR BEFORE OR AFTER PLACEMENT OF ITEM 452-NON-REINFORCED CONCRETE PAVEMENT (T=13"). REQUIREMENTS FOR ASPHALT PLACED WITHIN THIS ONE-FOOT AREA SHALL BE IN STRICT COMPLIANCE WITH SP 400.

NOTE 2: SAW CUT IS REQUIRED. SAW CUT MAY BE WAIVED BY CHIEF ENGINEER PROVIDED CONTRACTOR DEMONSTRATES ABILITY TO PROVIDE A STRAIGHT, VERTICAL FACE CUT WITH NO DAMAGE TO ADJACENT PAVEMENT. SEE SHEET 9 FOR SAW CUTTING DETAILS.

ADDENDUM NO. 3		PSL	1/12
NO.	REVISIONS	BY	DATE
OHIO TURNPIKE COMMISSION			
TYPICAL SECTIONS			
CT Consultants engineers architects planners			
DESIGNED:	J.M.P.	CHECKED:	J.M.P.
DRAWN:	J.J.C.	IN CHARGE:	W.D.B.
DATE:	OCT. 2011	SCALE:	1:4
CONTRACT 39-12-01 SHEET 6 OF 136			

CONTRACTION AND/OR EXPANSION JOINTS

ALTHOUGH SPECIFIC LOCATIONS OF CERTAIN CONTRACTION AND EXPANSION JOINTS HAVE BEEN DETAILED ON THIS PLAN, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. PROVISIONS OF EXPANSION JOINTS AT ALL MAJOR STRUCTURES AND THE MAXIMUM SPACING BETWEEN CONTRACTION JOINTS SHALL, IN ALL CASES, BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING BP-2.2 AND THE SPECIFICATIONS.

CONTRACTION JOINTS IN CONCRETE PAVEMENT OR BASE WIDENING

CONTRACTION JOINTS SHALL BE CONSTRUCTED AS PER STANDARD CONSTRUCTION DRAWING BP-2.2, EXCEPT THAT THE SPACING SHALL BE 14 FOOT MAXIMUM.

ADDITIONAL SOIL INFORMATION

THE SOIL BORING LOGS ARE SHOWN ON SHEETS 73 THROUGH 101 AND CONTAIN ALL AVAILABLE SOIL AND BEDROCK INFORMATION WHICH CAN BE CONVENIENTLY SHOWN. ADDITIONAL INFORMATION MAY ALSO BE AVAILABLE FROM THE FOLLOWING:

- 1) SUBSURFACE INVESTIGATION REPORT(S) PREPARED FOR THE PROJECT.
- 2) ADDITIONAL SUBSURFACE INVESTIGATIONS MADE TO STUDY SOME ASPECT OF THE PROJECT.
- 3) SOIL PROFILE AND/OR STRUCTURE FOUNDATION INVESTIGATION SHEETS FROM THE CONSTRUCTION PLANS FOR THE EXISTING FACILITY AND/OR STRUCTURES.

ADDITIONAL INFORMATION, IF ANY, MAY BE EXAMINED BY PROSPECTIVE BIDDERS AT THE OHIO TURNPIKE OFFICE, 682 PROSPECT STREET, BEREA, OHIO 44017.

ITEM SP604 - CATCH BASIN, TYPE CB-1

EXISTING TOP OF GRATE ELEVATIONS AND INVERT ELEVATIONS FOR ALL STORM STRUCTURES SHALL BE FIELD MEASURED AND RECORDED BY THE CONTRACTOR PRIOR TO REMOVAL OF THE STRUCTURES. PROPOSED CATCH BASINS SHALL BE INSTALLED AT THE SAME TOP OF GRATE AND INVERT ELEVATIONS AS EXISTING. PROPOSED DRAINAGE PIPES SHALL BE CONNECTED TO EXISTING PIPES USING MASONRY COLLAR AS PER STANDARD DRAWING DM-1.1. ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED WITH ITEM SP604 - CATCH BASIN, TYPE CB-1.

CONSTRUCTION SEQUENCE

PART A OF THIS PROJECT SHALL START PRIOR TO ANY MAINTENANCE OF TRAFFIC SETUP FOR PART B. CONSTRUCTION FOR PART B SHALL NOT BEGIN UNTIL ALL MAINTENANCE WORK FOR PART A IS COMPLETE.

SEEDING & MULCHING

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

659, SOIL ANALYSIS TEST	2 EACH
659, TOPSOIL	3,288 CU. YD.
659, SEEDING AND MULCHING	29,613 SQ. YD.
659, REPAIR SEEDING AND MULCHING	1,481 SQ. YD.
659, INTER-SEEDING	1,481 SQ. YD.
659, COMMERCIAL FERTILIZER	4.0 TON
659, LIME	6.1 ACRES
659, WATER	160 M. GAL.

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 WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON AN ASSUMED LIMIT 10' BEYOND THE SHOULDER.

PAVEMENT REPAIRS

THE FOLLOWING QUANTITIES, ARE INCLUDED AS A CONTINGENCY, TO BE USED AS DIRECTED BY THE CHIEF ENGINEER FOR PAVEMENT REPAIR MEASURES TO MAINTAIN TRAFFIC. **CONTRACTOR SHALL FOLLOW ODOT CMS FOR ITEM 255, EXCEPT THAT PLACEMENT OF THE DOWEL BARS ARE NOT REQUIRED AND CONCRETE SHALL BE CLASS FS.**

ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR	500 SQ. YD.
ITEM 255, FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT	500 SQ. YD.
ITEM 255, FULL DEPTH PAVEMENT SAWING	200 FT.

COATED DOWEL BARS

DOWEL BARS REQUIRED ON STANDARD DRAWING BP-2.2 SHALL BE COATED IN ACCORDANCE WITH 709.13.

ITEM 622 - CONCRETE BARRIER, TYPE B-50, AS PER PLAN

THIS ITEM SHALL BE IN ACCORDANCE WITH OTC STANDARD DRAWING CBR-3 AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIAL AND INCIDENTALS TO COMPLETE THIS ITEM.

ITEM SPECIAL - ROLLER COMPACTED CONCRETE (T=9")

THIS ITEM SHALL COMPLY WITH OTC SPECIFICATION FOR ROLLER COMPACTED CONCRETE AND SHALL INCLUDE ALL EQUIPMENT, MATERIAL, LABOR AND OTHER INCIDENTALS NECESSARY TO COMPLETE THIS ITEM OF WORK. SAW CUT JOINTS SHALL BE INSTALLED TO MATCH ADJACENT JOINTS IN ITEM 452.

PROJECT BASELINE

THE CONTRACTOR SHALL ESTABLISH THE PROJECT BASELINE IN THE FIELD AND USE THIS BASELINE FOR CONSTRUCTION LAYOUT. THE LOCATION OF THE BASELINE SHALL BE AT THE RIGHT EDGE OF THE THIRD LANE BASE PAVEMENT JOINT OF THE EASTBOUND LANES. THE CONTRACTOR SHALL USE POTHOLES AT EVERY 500 FEET ON TANGENTS AND EVERY 100 FEET ON CURVES, OR USE OTHER METHODS AS APPROVED BY THE CHIEF ENGINEER, TO FIND AND VERIFY THE LOCATION OF THIS JOINT.

ITEM SPECIAL - PRESSURE RELIEF JOINT, TYPE A

THIS ITEM OF WORK SHALL CONSIST OF INSTALLING PRESSURE RELIEF JOINT, TYPE A, AT EACH APPROACH TO EACH MAINLINE BRIDGE ACROSS THE NEW PAVEMENT AND OUTSIDE SHOULDER IN ACCORDANCE WITH THE DETAIL SHOWN ON OHIO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING BP-2.3 (07-16-04).

PRESSURE RELIEF JOINT LOCATIONS WILL BE FIELD LOCATED BY THE CHIEF ENGINEER. APPROXIMATE LOCATIONS FOR WESTBOUND LANES ARE AS FOLLOWS: STA. 758+92, STA. 761+62, STA. 788+42, STA. 790+17, STA. 803+64, STA. 805+88, STA. 846+80, STA. 849+19, STA. 898+44, STA. 901+11, STA. 913+62, STA. 915+22, STA. 940+56, STA. 944+08.

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY:

ITEM SPECIAL - PRESSURE RELIEF JOINT, TYPE A	765 FT.
ITEM SP 605 - 6" SHALLOW PIPE UNDERDRAIN WITH FABRIC WRAP	765 FT.
ITEM 603 - 6" CONDUIT TYPE F, NON-PERFORATED ASTM 3034 SDR 35, SS931 OR SS944	170 FT.

ITEM SPECIAL - SAW CUT JOINT

THIS ITEM SHALL CONSIST OF SAW CUTTING WITH A DIAMOND BLADE AT JOINTS WHERE EXISTING ASPHALT AND PROPOSED ASPHALT MEET. THE LOCATION AND DEPTH SHALL BE AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE CHIEF ENGINEER. PAYMENT FOR THIS ITEM WILL BE AT UNIT BID PRICE PER LINEAR FOOT FOR ITEM SPECIAL - SAW CUT JOINT AND SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE THIS ITEM. THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY:

ITEM SPECIAL - SAW CUT JOINT	26,900 FT.
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ALL MAINTENANCE OF TRAFFIC NECESSARY TO COMPLETE THIS ITEM SHALL BE CONSIDERED INCIDENTAL TO ITEM SP 614 - MAINTAINING TRAFFIC.

ITEM 605 - AGGREGATE DRAIN, AS PER PLAN

THE ENTIRE OUTSIDE PERIMETER OF THE AGGREGATE DRAIN SHALL BE WRAPPED WITH FILTER FABRIC, TYPE A, AS PER ODOT SPECIFICATION 712.09 PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM 605 AGGREGATE DRAIN, AS PER PLAN.

ITEM 206 - CHEMICALLY STABILIZED SUBGRADE, AS PER PLAN

THIS WORK SHALL COMPLY WITH ALL REQUIREMENTS SPECIFIED IN ITEM 206 - CHEMICALLY STABILIZED SUBGRADE OF ODOT 2010 CMS EXCEPT AS NOTED BELOW:

ITEM 206.02 MATERIALS: CURING COAT SUBMITTAL NOT REQUIRED

ITEM 206.03 SUBMITTALS: MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS IS NOT REQUIRED BY THE CONTRACTOR.

ITEM 206.05 CONSTRUCTION:

A. SPREADING - USE AN APPLICATION RATE OF 5% QUICKLIME BY DRY UNIT WEIGHT. THE APPLICATION RATE WILL VARY DEPENDING ON THE IN-SITU DRY UNIT WEIGHT OF THE SOIL. QUANTITY OF PORTLAND LIME IS BASED ON A IN-SITU DRY UNIT WEIGHT OF 105 LBS/FT³.

D. CURING - THE TREATED AREA SHOULD BE SHAPED TO THE REQUIRED LINES, GRADES AND CROSS SECTIONS AND FINAL COMPACTION, BY WAY OF SMOOTH DRUM ROLLER WEIGHING AT LEAST 10 TONS, SHOULD CONTINUE UNTIL UNIFORM AND ADEQUATE COMPACTION IS OBTAINED. THE CONTRACTOR SHALL MAINTAIN THE SURFACE OF THE LIME STABILIZED SOIL SUBGRADE IN A MOIST CONDITION DURING THE CURING PERIOD. FINISHED PORTIONS OF THE STABILIZED SUBGRADE THAT ARE TRAVELED ON BY EQUIPMENT USED IN CONSTRUCTING AN ADJOINING SECTION SHALL BE PROTECTED IN SUCH A MANNER AS TO PREVENT EQUIPMENT FROM MARRING OR DAMAGING COMPLETED WORK. DURING THE CURING PERIOD, NO TRAFFIC SHALL BE PERMITTED ON THE COMPLETED WORK BEYOND THAT REQUIRED FOR MAINTAINING MOIST CONDITIONS. THE LENGTH OF THE CURING PERIOD WILL DEPEND ON THE ACCEPTANCE OF THE LIME STABILIZED SOIL SUBGRADE. THE ACCEPTANCE OF THE LIME STABILIZED SOIL SUBGRADE WILL BE EVALUATED AFTER 72 HOURS OF CURING. DEPENDING ON THE ACCEPTANCE OF THE LIME STABILIZED SOIL SUBGRADE, ADDITIONAL CURING MAY BE REQUIRED. SUFFICIENT PROTECTION FROM FREEZING SHALL BE GIVEN THE CHEMICALLY STABILIZED MATERIAL FOR 7 DAYS AFTER ITS CONSTRUCTION OR AS APPROVED BY THE CHIEF ENGINEER.

E. PROOF ROLLING - ACCEPTANCE TESTING OF THE LIME STABILIZED SOIL SUBGRADE WILL BE PERFORMED AFTER 72 HOURS OF CURING. AN AUTOMATIC DYNAMIC CONE PENETROMETER (ADCP) WILL BE USED AS THE INITIAL ACCEPTANCE TEST FOR THE LIME STABILIZED SOIL SUBGRADE. THE ADCP WILL MEASURE THE PENETRATION RATE (PR) IN MM/BLOW FOR THE LIME STABILIZED SOIL SUBGRADE THROUGH THE TREATMENT DEPTH. THE MAXIMUM PENETRATION RATE THROUGHOUT THE CEMENT STABILIZED SOIL SUBGRADE MUST AVERAGE 8.0 MM/BLOW. TESTS WILL BE PERFORMED EVERY 200 LINEAR FEET OF ROADWAY. IF THE AVERAGE PR OF THE LIME STABILIZED SOIL SUBGRADE IS BELOW 8.0 MM/BLOW, THEN THE CONTRACTOR CAN PROCEED WITH CONSTRUCTION OF THE PAVEMENT STRUCTURE.

IF THE AVERAGE PR OF THE LIME STABILIZED SOIL SUBGRADE IS ABOVE 8.0 MM/BLOW, THEN THE LIME STABILIZED SOIL SUBGRADE MUST CONTINUE TO CURE FOR TWO ADDITIONAL DAYS AND THEN BE PROOF ROLLED IN ACCORDANCE WITH ODOT ITEM 204.

LOCATION	BEGIN STATION	END STATION	STABILIZATION DEPTH (INCHES)	LENGTH	WIDTH	TREATMENT AREA	TREATMENT AREA	QUICKLIME APPLICATION RATE	TOTAL WEIGHT OF QUICKLIME	TOTAL WEIGHT OF QUICKLIME
				FT.	FT.	S.F.	S.Y.	LBS./S.Y.	LBS.	TONS
MAINLINE	740+00	750+00	16	1,000	26	26,000	2,889	66	190,667	95
	750+50	788+50	12	3,800	26	98,800	10,978	49	537,911	269
	790+00	899+00	16	10,900	26	283,400	31,489	66	2,078,267	1,039
	901+50	913+50	16	1,200	26	31,200	3,467	66	228,800	114
	914+50	941+00	16	2,650	26	68,900	7,656	66	505,267	253
	944+50	969+50	12	2,500	26	65,000	7,222	49	353,889	177
SHOULDER	740+00	750+00	12	1,000	10	10,000	1,111	40	44,444	22
	750+50	788+50	12	3,800	10	38,000	4,222	40	168,889	84
	790+00	899+00	12	10,900	10	109,000	12,111	40	484,444	242
	901+50	913+50	12	1,200	10	12,000	1,333	40	53,333	27
	914+50	941+00	12	2,650	10	26,500	2,944	40	117,778	59
	944+50	969+50	12	2,500	10	25,000	2,778	40	111,111	56
TOTALS							109,400		6,120,889	3,060

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK UNDER ITEM 206 - CHEMICALLY STABILIZED SUBGRADE, AS PER PLAN:

206 - LIME STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN	48,588 SQ. YD.
206 - LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN	60,812 SQ. YD.
206 - LIME	3,060 TON
206 - WATER FOR CURING	1.4 M GAL
206 - TEST ROLLING	37 HOURS

ITEM SP626 - RAISED PAVEMENT MARKER

THIS ITEM SHALL BE INSTALLED IN ACCORDANCE WITH SP626 WITH THE FOLLOWING CHANGES IN SPACING: 120' FOR ALL TANGENT SECTIONS AND 80' FOR ALL CURVES.

ITEM SPECIAL - ASPHALT PAVEMENT REINFORCEMENT

THIS ITEM SHALL INCLUDE FURNISHING AND PLACING AN ASPHALT PAVEMENT REINFORCEMENT GRID AT THE LOCATIONS AS SHOWN ON THE PLANS. THE ASPHALT PAVEMENT REINFORCEMENT GRID SHALL BE "GLASGRID - 8502" AS MANUFACTURED BY SAINT-GOBAIN TECHNICAL FABRICS OR APPROVED EQUAL. THE ASPHALT PAVEMENT REINFORCEMENT GRID SHALL BE INSTALLED AS PER THE RECOMMENDATIONS OF THE MANUFACTURER. THE UNIT PRICE BID PER SQUARE YARD FOR ITEM SPECIAL - ASPHALT PAVEMENT REINFORCEMENT SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND OTHER INCIDENTALS NECESSARY TO COMPLETE THIS ITEM OF WORK.

ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT (T=13")

WHEN THIS ITEM IS TO BE OVERLAID WITH ASPHALT, COMPOUNDS FOR CURING CONCRETE AS DESCRIBED IN 705.07 SHALL NOT BE USED EXCEPT THAT CURING COMPOUNDS SHALL MEET THE REQUIREMENTS OF ASTM C309 AND SHALL BE COMPATIBLE WITH SP407 TACK COAT. CURING SHALL BE IN ACCORDANCE WITH ALTERNATE METHODS SPECIFIED IN ODOT SPECIFICATION 451.10 AND SUPPLEMENTED WITH SPECIFICATION 305.02. CONTRACTOR MAY USE OTHER WATER BASED CURING COMPOUNDS AS AN ALTERNATIVE METHOD WHICH RESULT IN A SURFACE THAT PREVENTS DE BONDING BETWEEN CONCRETE BASE AND ASPHALT OVERLAY. THE SPECIFICATIONS FOR ALTERNATIVE CURING COMPOUNDS SHALL BE SUBMITTED TO THE CHIEF ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ANY APPLICATION OR PURCHASE.

ITEM 642 - PERMANENT PAVEMENT MARKINGS

PERMANENT PAVEMENT MARKING LOCATIONS SHALL BE DETERMINED BY REFERENCING THE BASE PAVEMENT JOINTS, AS SHOWN ON OTC STANDARD DRAWING RPM-1.

SLOPE DRAINS

THE FOLLOWING QUANTITIES, ARE INCLUDED AS CONTINGENCY, TO BE USED AS DIRECTED BY THE CHIEF ENGINEER TO REPLACE ANY DAMAGED, RUSTED, OR NON-FUNCTIONAL SLOPE DRAIN PIPES. REMOVE AND REPLACE HEADWALLS AND ROCK CHANNEL PROTECTIONS WHERE NEW SLOPE DRAIN PIPES ARE INSTALLED.

ITEM 603 - 12" CONDUIT, TYPE C	400 FT.
ITEM 603 - 15" CONDUIT, TYPE C	100 FT.
ITEM 601 - ROCK CHANNEL PROTECTION, TYPE C, WITH FABRIC FILTER	10 CU. YD.
ITEM 602 - CONCRETE MASONRY	5 CU. YD.

ITEM SPECIAL - DOWEL BAR VERIFICATION

NOTE DELETED

ADDENDUM NO. 3	NLC	1/3/12
ADDENDUM NO. 2	NLC	12/27/11
ADDENDUM NO. 1	NLC	12/22/11
NO.	REVISIONS	BY DATE

OHIO TURNPIKE COMMISSION

OHIO TURNPIKE EASTBOUND RIGHT TWO LANES & SHOULDER RECONSTRUCTION GENERAL NOTES


RESOURCE INTERNATIONAL, INC.
6350 PRESIDENTIAL GATEWAY
COLUMBUS, OH 43231

DESIGNED: NLC CHECKED: SSK DATE: 1/3/2012
DRAWN: NLC IN CHARGE: SSK SCALE: N/A

CONTRACT 39-12-01 SHEET 9 OF 136

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SHEET NUMBER																	ITEM	GRAND TOTAL		UNIT	DESCRIPTION	REF. NO.
8	9	10	11	12	18	19	62	63	64	65	66	103	114	115	134	135		PART A	PART B			
																	DRAINAGE					
10																	601	10	CU YD	ROCK CHANNEL PROTECTION, TYPE C, WITH FABRIC FILTER		
5																	602	5	CU YD	CONCRETE MASONRY		
	170								1215								603	1385	FT	6" CONDUIT TYPE F, NON-PERFORATED ASTM 3034 SDR 35 SS931 OR SS944		
400							66										603	466	FT	12" CONDUIT, TYPE C		
100							12										603	112	FT	15" CONDUIT, TYPE C		
							27										SP604	27	EACH	CATCH BASIN TYPE CB-1		
										26651							605	26651	FT	AGGREGATE DRAIN, AS PER PLAN	9	
	765								50685								SP605	51450	FT	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC FILTER WRAP	9	
									2528								SP605	2528	FT	6" UNCLASSIFIED PIPE UNDERDRAIN, WITH FABRIC FILTER WRAP		
									45								SPECIAL	45	EACH	PRECAST REINFORCED CONCRETE OUTLET	8	
																	PAVEMENT					
																	206	48588	SQ YD	LIME STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN	9	
																	206	60812	SQ YD	LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN	9	
																	206	3060	TON	LIME		
																	206	1.4	M GAL	WATER FOR CURING		
																	206	37	HOUR	TEST ROLLING		
																	251	500	SQ YD	PARTIAL DEPTH PAVEMENT REPAIR		
										26651							252	26651	FT	FULL DEPTH PAVEMENT SAWING		
																	255	200	FT	FULL DEPTH PAVEMENT SAWING		
																	255	500	SQ YD	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT		
							20										SP302	20	CU YD	BITUMINOUS AGGREGATE BASE COURSE, PG64-22		
										13443							SP304	13443	CU YD	AGGREGATE BASE		
										7762							SP304	7762	CU YD	AGGREGATE BASE (SHOULDER)		
										1262							SP402	1514	CU YD	ASPHALT CONC. BASE COURSE, OR RECYCLED ASPHALT CONC. BASE COURSE, PG64-22		
										4130							SP402	4130	CU YD	ASPHALT CONC. BASE COURSE, OR RECYCLED ASPHALT CONC. BASE COURSE, PG70-22 (FR)		
																	SP404	1082	CU YD	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG64-22		
										3434		135				7978	SP404	7978	CU YD	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG70-22 (FR)		
																	SP404	81	CU YD	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22		
							81										SP404A	84480	FT	JOINT SEALER		
							1536										SP407	14080	GALLON	TACK COAT		
							173										SP407	6836	GALLON	TACK COAT FOR INTERMEDIATE COURSE		
																	452	79449	SQ YD	NON-REINFORCED CONCRETE PAVEMENT (T=13")	9	
																	SPECIAL	26462	SQ YD	ROLLER COMPACTED CONCRETE (SHOULDER, T=9")	9	
																	SP617	4615	SQ YD	SHOULDER PREPARATION		
																	SP617	385	CU YD	COMPACTED AGGREGATE		
																	SP627	426	CU YD	STONE SHOULDER PROTECTION		
																	SPECIAL	14806	SQ YD	ASPHALT PAVEMENT REINFORCEMENT	9	
																	SPECIAL	765	FT	PRESSURE RELIEF JOINT, TYPE A	9	
																	SPECIAL	5.45	MILE	SONIC NAP ALERT PATTERN (SNAP)		
																	SPECIAL	31076	FT	SAW CUT JOINT	9	
																	ALTERNATE BID					
																	SP302	6615	CU YD	BITUMINOUS AGGREGATE BASE COURSE PG64-22 (SHOULDER)		
																	SP304	7762	CU YD	10" RECYCLED AGGREGATE BASE, AS PER PLAN (SHOULDER)	8	
																	SPECIAL	10000	CU YD	CRUSHED MATERIAL STOCKPILE		
																	BRIDGE MAINTENANCE					
																	SP516B	3306	FT	SEALING OF CONSTRUCTION JOINTS		
																	SP519	340	SQ FT	PATCHING CONCRETE STRUCTURES		
																	SP533E	353	FT	CONTINUOUS ELASTOMER SEAL IN ELASTOMERIC CONCRETE JOINT		
																	SP533F	261	FT	REPLACEMENT OF COMPRESSION SEAL WITH CONTINUOUS ELASTOMER SEAL		
																	SP536	3159	SQ YD	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS		
																	SP536	10997	SQ YD	CONCRETE WEATHERPROOFING, DECK AND APPROACH SLABS		
																	TRAFFIC CONTROL					
																	620	97	EACH	REMOVAL OF DELINEATOR, USING STEEL POST		
																	620	106	EACH	DELINEATOR, POST MOUNTED, AS PER PLAN	116	
																	SP626	620	EACH	RAISED PAVEMENT MARKER STIMSONITE MODEL 101 LPCR (WHITE)	9	
																	SP626	10	EACH	RAISED PAVEMENT MARKER STIMSONITE MODEL 101 LPCR (YELLOW)	9	
																	SP626	42	EACH	REPLACEMENT PRISMATIC RETRO-REFLECTOR (WHITE)	9	

ADDENDUM NO. 3	NLC	1/3/12
ADDENDUM NO. 2	NLC	12/27/11
ADDENDUM NO. 1	NLC	12/22/11
No.	REVISIONS	BY DATE
OHIO TURNPIKE COMMISSION		
OHIO TURNPIKE EASTBOUND RIGHT TWO LANES & SHOULDER RECONSTRUCTION GENERAL SUMMARY		
 RESOURCE INTERNATIONAL, INC. 6350 PRESIDENTIAL GATEWAY COLUMBUS, OH 43221		
DESIGNED: NLC	CHECKED: SSK	DATE: 1/3/2012
DRAWN: NLC	IN CHARGE: SSK	SCALE: N/A
CONTRACT 39-12-01		SHEET 59 OF 136