UTILITIES

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, OHIO811, THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 4 HEADQUARTERS (MICHELLE CHANEY AT 330-786-2267) AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN ALL AREAS.

SHOWN ON THE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE NOT

PAVEMENT MARKING DETAILS

THE PAVEMENT MARKING DETAIL SHEETS HAVE BEEN SUPPLIED AS REFERENCE DOCUMENTS FOR THIS PROJECT AND ARE AVAILABLE ON THE ODOT FTP SITE AT https://ftp.dot.state.oh.us/pub/contracts/Attach/ FOR THIS PROJECT. FOR ANY LOCATIONS THAT PAVEMENT MARKING DETAILS HAVE NOT BEEN MADE AVAILABLE TO THE CONTRACTOR, IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PUT BACK NEW PAVEMENT MARKINGS IN THE ORIGINAL LOCATIONS.

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE PROPOSED ASPHALT CONCRETE OVERLAY AS SHOWN ON THE TYPICAL LOCATIONS.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

CURB RAMPS/ DETECTABLE WARNINGS

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, INSTALLATION OF THE CURB RAMPS/ DETECTABLE WARNINGS WILL BE PERFORMED PRIOR TO MAINLINE RESURFACING.

URBAN INTERSECTIONS

INTERSECTIONS WITHIN URBAN SECTIONS WITH CURB WILL BE RESURFACED STRAIGHT THRU FROM CURB LINE TO CURB LINE WITH NO ADDITIONAL WIDTH PROVIDED.

REVIEW OF CURB RAMPS

PRIOR TO THE START OF WORK, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT AND CONTRACTOR OF ALL CURB RAMPS INCLUDED IN THE PROJECT LIMITS. PRIOR TO THE INSPECTION, THE CONTRACTOR SHALL MARK THE WORK LIMITS OF ALL CURB RAMPS AND ASSOCIATED WORK TO IDENTIFY ANY CONDITIONS THE CONTRACTOR CANNOT BRING INTO ADA COMPLIANCE PER BP-7.1. THE DEPARTMENT SHALL HAVE TEN (10) BUSINESS DAYS TO RESOLVE ANY SUCH ANTICIPATED NON-COMPLIANCE WITH AN ADA WAIVER, QUANTITY CHANGE OR DESIGN REVISION PRIOR TO THE START OF WORK.

IMMEDIATELY FOLLOWING INSTALLATION OF FORMWORK FOR CURB RAMP CONCRETE PLACEMENT AND PRIOR TO PLACEMENT OF CONCRETE, THE CONTRACTOR SHALL VERIFY ADA COMPLIANCE BASED UPON MEASUREMENT OF THE FORMS. THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY NON-COMPLIANT ADA CONDITIONS MEASURED BY THE CONTRACTOR WITHIN THE WORK LIMITS. THE ENGINEER SHALL HAVE THREE (3) BUSINESS DAYS TO RESOLVE ANY SUCH NON-COMPLIANCE WITH A CORRECTIVE FORM LAYOUT, ADA WAIVER, QUANTITY CHANGE OR DESIGN CHANGE PRIOR TO THE PLACEMENT OF CONCRETE.

THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY ADA NON-COMPLIANCE FOR ALL ISSUES NOT REPORTED TO THE ENGINEER IN THE INITIAL INSPECTION AND/OR THE FORM INSTALLATION MEASUREMENT. MODIFICATION OF FORMS INTO A COMPLIANT CONFIGURATION AND/OR REMOVAL AND RECONSTRUCTION OF FINISHED WORK SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 608 CURB RAMP ITEMS.

RESURFACING PAVEMENT ADJACENT TO APPROACH SLABS

AT ALL LOCATIONS WHERE THE RESURFACING ABUTS TO THE END OF AN APPROACH SLAB THE CONTRACTOR SHALL APPLY A JOINT SEALER AS SHOWN IN STANDARD CONSTRUCTION DRAWING AS-15-15, SHEET 2, DETAIL C. THE COST FOR THIS WORK SHALL BE INCIDENTAL TO THE ASPHALT PAY ITEMS.

REMOVED

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR 441

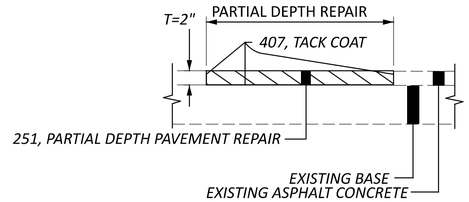
A QUANTITY OF THIS ITEM SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THE ITEM SHALL CONSIST OF REPAIRING EXISTING LOCATIONS EXHIBITING SURFACE DETERIORATION AND PLACING ITEM 441 ASPHALT CONCRETE, TYPE 2 IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. PAVEMENT REPAIRS WILL BE MARKED IN THE FIELD BY THE PROJECT ENGINEER ACCORDING TO CMS 251.02. MINIMUM WIDTH IS 2'. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THIS ITEM SHALL BE PERFORMED AFTER MAINLINE PAVEMENT PLANING AND PRIOR TO THE PLACEMENT OF ASPHALT ON THE MILLED SURFACE. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REPAIR.

CURB AND EXPANSION JOINTS WITHIN THE CURB RAMP LIMITS AS WELL AS

TO THE GENERAL SUMMARY:

251, PARTIAL DEPTH PAVEMENT REPAIR (441), LONGITUDINAL, 1450 SQ. YD.

251, PARTIAL DEPTH PAVEMENT REPAIR (441), TRANSVERSE, 550 SQ. YD.



ITEM 253 - PAVEMENT REPAIR

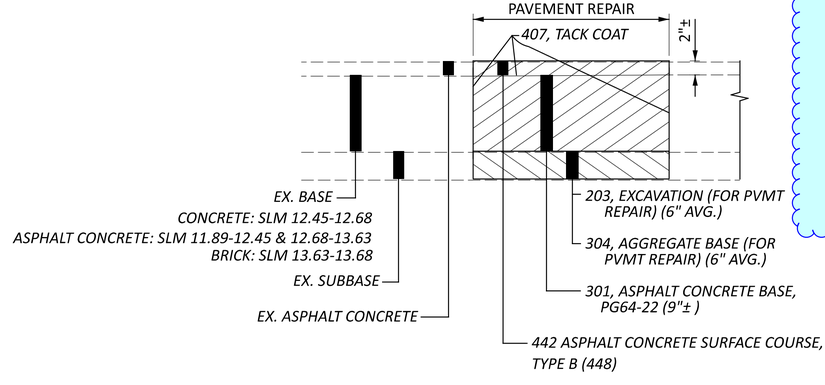
A QUANTITY OF THIS ITEM SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THIS ITEM SHALL CONSIST OF CUTTING AND REMOVING DETERIORATED PAVEMENT FULL DEPTH AND PLACING 9" OF 301 ASPHALT CONCRETE BASE, PG64-22. THE MAXIMUM COMPACTED DEPTH OF ANY ONE LAYER SHALL BE 6 INCHES. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THIS ITEM SHALL BE PERFORMED BEFORE MAINLINE PAVEMENT PLANING AND PRIOR TO THE PLACEMENT OF ASPHALT ON THE MILLED SURFACE.

IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. THE ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REMOVED AND REPLACED TO THE LIMITS DESIGNATED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

253, PAVEMENT REPAIR, 200 SQ YD

252, FULL DEPTH PAVEMENT SAWING, 100 FT



ITEM 608 CURB RAMP, AS PER PLAN

UNLESS OTHERWISE DIRECTED BY THE ENGINEER, INSTALLATION OF THE CURB RAMPS / DETECTABLE WARNINGS WILL BE PERFORMED PRIOR TO MAINLINE RESURFACING.

IN ADDITION TO THE CMS REQUIREMENTS OF ITEM 608 CURB RAMP, THIS ITEM SHALL INCLUDE THE RESTORATION OF THE ADJACENT AREAS DISTURBED FOR THE INSTALLATION OF CURB RAMPS AND IMMEDIATELY ADJACENT CONCRETE WALK. RESTORATION SHALL INCLUDE PLACEMENT OF ITEM 659 TOPSOIL, ITEM 659 COMMERCIAL FERTILIZER, ITEM 659 SEEDING AND MULCHING, AND ITEM 659 WATER, ALL PER CMS.

MATERIAL: ALL CURB RAMPS SHALL BE CONSTRUCTED WITH FIBER REINFORCEMENT IN THE CONCRETE, PLACING AND FINISHING AND CURING SHALL CONFORM TO 608.03. THE FINAL SURFACE TEXTURE SHALL BE OBTAINED BY COARSE BROOMING OR OTHER METHOD APPROVED BY THE ENGINEER. THIS ITEM INCLUDES FURNISHING AND INSTALLING APPROVED DETECTABLE WARNINGS, UNLESS PAID FOR UNDER A SEPARATE ITEM. ALL CURB RAMPS SHALL CONFORM TO ALL REQUIREMENTS OF THE AMERICAN DISABILITIES ACT (ADA). SYNTHETIC MACRO FIBER REINFORCEMENT SHALL BE ADDED TO CLASS QCMISC OR QC1 CONCRETE USED FOR THE PURPOSE OF CONTROLLING TEMPERATURE AND DRYING SHRINKAGE CRACKING. FIBERS SHALL PROVIDE A MINIMUM POST-CRACK RESIDUAL STRENGTH CAPACITY OF 250 PSI AS MEASURED BY ASTM C1399 AND SHALL MEET THE REQUIREMENTS OF ASTM C 1116 FOR TYPE III SYNTHETIC FIBERS. FIBERS SHALL BE 100 PERCENT VIRGIN POLYPROPYLENE FIBRILLATED FIBERS CONTAINING NO REPROCESSED OLEFIN MATERIALS AND SPECIFICALLY MANUFACTURED TO AN OPTIMUM GRADATION FOR USE AS CONCRETE SECONDARY REINFORCEMENT. FIBERS SHALL HAVE A SPECIFIC GRAVITY: 0.91, TENSILE STRENGTH: 70,000 TO 110,000 POUNDS PER SQUARE INCH IN ACCORDANCE WITH ASTM D2256, FIBER LENGTH: 1-1/2 INCH MINIMUM, AND ASPECT RATIO: 0.7 MINIMUM. VOLUME OF FIBERS SHALL BE AS RECOMMENDED BY THE FIBER MANUFACTURER, OR MINIMUM 4 LBS./C.Y.

ALL COST ASSOCIATED WITH ADDING FIBER REINFORCING, PLACING, AND FINISHING, IN THE RAMP AREA IS TO BE INCLUDED IN THE COST OF THE CURB RAMP.

PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO PERFORM THE WORK DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PID PRICE FOR ITEM 608 CURB RAMP, AS PER PLAN.

ITEM 423 - CRACK SEALING, MISC.: APPROACH SLAB JOINTS

AT ALL LOCATIONS WHERE THE RESURFACING ABUTS TO THE END OF AN APPROACH SLAB THE CONTRACTOR SHALL PREPARE THE JOINT BETWEEN THE APPROACH SLAB AND THE ABUTTING PAVEMENT AS SHOWN IN STANDARD CONSTRUCTION DRAWING AS-1-15, SHEET 2, DETAIL C. THE CONTRACTOR WILL FOLLOW THE REQUIREMENTS OF 423 AND APPLY TYPE 1 CRACK SEAL MATERIAL TO THE JOINT CREATED. PAYMENT WILL BE MADE FOR THE ACCEPTED QUANTITIES AT THE CONTRACT PRICE PER FOOT.

SR 261: SLM 11.90 65 FT

SR 261: SLM 12.45 202 FT

THE FOLLOWING HAS BEEN CARRIED TO THE GENERAL SUMMARY:
ITEM 423 CRACK SEALING MISC.: APPROACH SLAB JOINTS 267 FT

ADDED

GENERAL NOTES

DESIGN AGENCY

DESIGNER ZDT

REVIEWER RMM 07-22-26

PROJECT ID 116804

SHEET P.3 TOTAL 19

SUM-261-11.89

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SHEET NUMBER												PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.3	P.4	P.5	P.6	P.8	P.9	P.19						01/NHS/ AKRO	02/S>2/ AKRO						
																		ROADWAY	
					4,820								4,820	202	30000	4,820	SF	WALK REMOVED	
					427								427	202	32000	427	FT	CURB REMOVED	
					1,491								1,491	608	10000	1,491	SF	4" CONCRETE WALK	
					3,329								3,329	608	52001	3,329	SF	CURB RAMP, AS PER PLAN	P.3
	14											14		623	39501	14	EACH	MONUMENT ASSEMBLY ADJUSTED TO GRADE, AS PER PLAN	P.4
	LS											LS		SPECIAL	69091000	LS		AS-BUILT CONSTRUCTION PLANS	P.3
																		EROSION CONTROL	
												3,000		832	30000	3,000	EACH	EROSION CONTROL	
																		DRAINAGE	
	5											5		611	98630	5	EACH	CATCH BASIN ADJUSTED TO GRADE	
	1												1	611	98634	1	EACH	CATCH BASIN RECONSTRUCTED TO GRADE	
	50											50		611	99655	50	EACH	MANHOLE ADJUSTED TO GRADE, AS PER PLAN	P.4
	800											400	400	SPECIAL	61199820	800	LB	MISCELLANEOUS METAL	P.4
																		PAVEMENT	
1,450													1,450	251	01000	1,450	SY	PARTIAL DEPTH PAVEMENT REPAIR (441), (LONGITUDINAL)	
550													550	251	01000	550	SY	PARTIAL DEPTH PAVEMENT REPAIR (441), (TRANSVERSE)	
100													100	252	01500	100	FT	FULL DEPTH PAVEMENT SAWING	
200													200	253	01000	200	SY	PAVEMENT REPAIR	
				60,870								60,870		254	01000	60,870	SY	PAVEMENT PLANING, ASPHALT CONCRETE (T=2")	
													revised			revised			
				5,479								5,479		407	20000	5,479	GAL	NON-TRACKING TACK COAT @ 0.09 GAL/SY	
267													267	423	98200	267	FT	CRACK SEALING, MISC.; APPROACH SLAB JOINTS	P.3
				3,382								3,382		442	20050	3,382	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE B (448) (T=2")	
					84								84	609	26000	84	FT	CURB, TYPE 6	
													revised			revised			
					revised														
																		WATER WORK	
	30											30		638	10800	30	EACH	VALVE BOX ADJUSTED TO GRADE	
																		TRAFFIC CONTROL	
						0.08						0.08		646	10010	0.08	MILE	EDGE LINE, 6"	
						3.41						3.41		646	10110	3.41	MILE	LANE LINE, 6"	
						2.69						2.69		646	10200	2.69	MILE	CENTER LINE	
						2,199						2,199		646	10310	2,199	FT	CHANNELIZING LINE, 12"	
						420						420		646	10400	420	FT	STOP LINE	
						1,150						1,150		646	10520	1,150	FT	CROSSWALK LINE, 24"	
						181						181		646	10600	181	FT	TRANSVERSE/DIAGONAL LINE	
						37						37		646	10800	37	SF	ISLAND MARKING	
						81						81		646	20300	81	EACH	LANE ARROW	
						371						371		646	20504	371	FT	DOTTED LINE, 6"	
						1						1		646	20600	1	EACH	BIKE LANE SYMBOL MARKING	
																		MAINTENANCE OF TRAFFIC	
			40									40		614	11110	40	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
		4										4		614	12460	4	EACH	WORK ZONE MARKING SIGN	
		10										10		614	13000	10	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
		4										4		614	18601	4	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.5
		3.41										3.41		614	20110	3.41	MILE	WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT	
		3.41										3.41		614	20560	3.41	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	
		2.69										2.69		614	21100	2.69	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
		2.69										2.69		614	21550	2.69	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
		0.08										0.08		614	22360	0.08	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	
		2,199										2,199		614	23210	2,199	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT	
		2,199										2,199		614	23690	2,199	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT	
		420										420		614	26200	420	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
		420										420		614	26610	420	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
																		INCIDENTALS	
												LS		614	11000	LS		MAINTAINING TRAFFIC	
												6		619	16010	6	MNTH	FIELD OFFICE, TYPE B	
												LS		623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
												LS		624	10000	LS		MOBILIZATION	

ADDED

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER REP

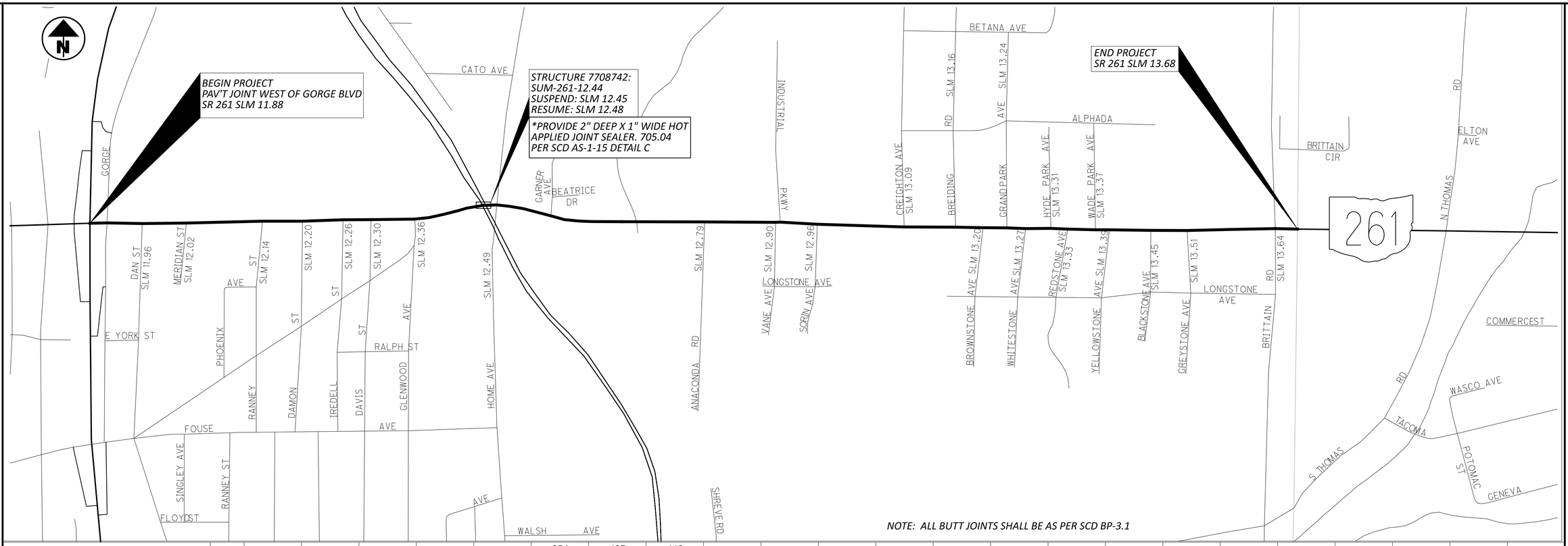
REVIEWER RMM 07-22-26

PROJECT ID 116804

SHEET P.7 TOTAL 19

SUM-261-11.89

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NOTE: ALL BUTT JOINTS SHALL BE AS PER SCD BP-3.1

SLM RANGE			TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	PAVEMENT PLANING, ASPHALT CONCRETE (T=2")	NON-TRACKING TACK COAT @ 0.09 GAL/SY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE B (448) (T=2")															
									254	407	442															
					FT	FT	SY	SY	SY	GAL	CY															
SR 261																										
11.89	TO	11.90	1	L/R	52.80	67.00	393.07		393.07	35.38	21.84															
11.90	TO	11.94	1	L/R	211.20	78.00	1830.40		1830.40	164.74	101.69															
11.94	TO	11.97	1	L/R	158.40	72.00	1267.20		1267.20	114.05	70.40															
11.97	TO	11.99	1	L/R	105.60	65.00	762.67		762.67	68.64	42.37															
11.99	TO	12.34	1	L/R	1848.00	52.00	10677.33		10677.33	960.96	593.19															
12.34	TO	12.40	1	L/R	316.80	59.00	2076.80		2076.80	186.91	115.38															
12.40	TO	12.45	1	L/R	264.00	62.00	1818.67		1818.67	163.68	101.04															
12.48	TO	13.69	1	L/R	6388.80	59.00	42043.13		42043.13	3783.88	2335.73	(INCLUDES HOME AVE)														
								SUBTOTALS	60869.27	5478.23	3381.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								TOTALS CARRIED TO GENERAL SUMMARY	60870	5479	3382	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

revised, added Home Ave

revised

PAVEMENT CALCULATIONS

DESIGN AGENCY

DESIGNER REP

REVIEWER RMM 07-22-26

PROJECT ID 116804

SHEET P.8 | TOTAL 19

SUM-261-11.89

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