CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY 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 AT THE ENGINEER'S DIRECTION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THE PROJECT.

COOPERATION BETWEEN CONTRACTORS

AT ANY TIME, THE DEPARTMENT MAY CONTRACT FOR OTHER WORK ON OR NEAR THE PROJECT. SEPARATE CONTRACTORS WORKING WITHIN THE PROJECT SHALL WORK WITHOUT INTERFERING WITH OR HINDERING THE PROGRESS OR COMPLETION OF WORK BEING PERFORMED BY OTHER CONTRACTORS AND SHALL COOPERATE WITH EACH OTHER AS DIRECTED BY THE ENGINEER.

PERMANENT PAVEMENT MARKINGS

THE CONTRACTOR SHALL REFERENCE ALL PAVEMENT MARKINGS INCLUDING AUXILIARY PAVEMENT MARKINGS BEFORE THE START OF THE RESURFACING OPERATION. THIS WILL BE NECESSARY TO ASSURE THE CORRECT PLACEMENT OF MARKINGS IN ORIGINAL LOCATIONS (EXCEPT WHERE NOTED). FOR CENTER LINE MARKINGS, THE CONTRACTOR SHALL INSTALL THE PASSING/NO PASSING ZONE MARKINGS ACCORDING TO THE CURRENT CENTER LINE LOGS AVAILBLE AT

http://www.dot.state.oh.us/Divisions/Operations/Traffic/miscellaneous/Pages/CenterlinePassingandNoPassingZoneLogs.aspx

PAYMENT FOR THIS OPERATION SHALL BE INCLUDED WITH EACH RESPECTIVE PAVEMENT MARKING ITEM.

ITEM 623- CONSTRUCTION LAYOUT STAKES, AS PER PLAN

PRIOR TO THE START OF ROADWAY OPERATION, THE CONTRACTOR SHALL REFERENCE THE LENGTH OF THE PROJECT ON BOTH SIDES OF THE ROADWAY, IN A MANNER SATISFACTORY TO THE ENGINEER. THE PAVEMENT SHALL BE REFERENCED IN 1000' FEET INCREMENTS, OR IN INCREMENTS ACCEPTABLE TO THE ENGINEER, IN A SEMIPERMANENT CONDITION.

GUARDRAIL INSTALLATION

THIS PROJECT REQUIRES THE INSTALLATION OF NEW GUARDRAIL POSTS. SURVEY WORK HAS NOT BEEN PERFORMED EVERYWHERE ON THIS PROJECT, NOR HAVE THE UTILITY LOCATIONS BEEN CONFIRMED IN THE FIELD. IN ADDITION TO CMS 105.07, IF, DURING THE COURSE OF INSTALLING ANY NEW GUARDRAIL COMPONENT, IT IS DETERMINED THAT A UTILITY CONFLICT MAY RESULT, THE CONTRACTOR IS TO NOTIFY THE PROJECT ENGINEER IMMEDIATELY. UTILITIES ARE NOT TO BE RELOCATED AS A RESULT OF THIS OPERATION. ADJUSTMENTS TO THE PROPOSED GUARDRAIL WILL ACCOMMODATE THE EXISTING UTILITY. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE GUARDRAIL VIA MEANS THAT WOULD BE COMPLIANT WITH THE IMPACTED UTILITY'S SAFETY GUIDELINES AS WELL AS STILL MEETING ODOT'S DESIGN CRITERIA. ANY MINOR ADJUSTMENTS MADE TO THE PROPOSED GUARDRAIL INSTALLATIONS SHALL BE INCIDENTAL TO PAY ITEM 606.

SMOOTHNESS SPEC 420

SMOOTHNESS SPEC 420 APPLIES TO THIS PROJECT FOR SR 756

ITEM 202 - ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN

WHERE DESIGNATED, EXISTING ANCHOR ASSEMBLIES INCLUDING ALL POST AND HARDWARE SHALL BE REMOVED. THIS ITEM SHALL ALSO INCLUDE THE REMOVAL OF THE ENTIRE CONCRETE ANCHOR AND CONCRETE ENCASEMENT. ALL HOLES LEFT AFTER REMOVAL OF ASSEMBLIES AND POSTS SHALL BE FILLED WITH GRANULAR MATERIAL AS DIRECTED BY THE ENGINEER. PAYMENT SHALL INCLUDE ALL NECESSARY LABOR AND EQUIPMENT REQUIRED TO PERFORM THE INDICATED ABOVE.

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

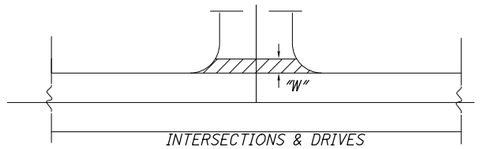
THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH A SHEET OF TYPE G REFLECTIVE SHEETING, PER CMS 730.19.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE E, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

INTERSECTIONS AND DRIVES



INTERSECTION AND DRIVES QUANTITIES ARE INCLUDED IN THE PAVEMENT QUANTITIES. INTERSECTION QUANTITIES HAVE BEEN ESTIMATED AT 15' MEASURED FROM EDGE OF PAVED SHOULDER, DRIVE QUANTITIES HAVE BEEN ESTIMATED AT 3' "W" MEASURED FROM EDGE OF PAVED SHOULDER.

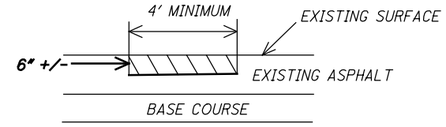
PERFORM WORK PER SPECIFIED OFFSET LIMITS UNLESS THERE IS AN EXISTING JOINT LOCATED CLOSER TO THE EDGE OF PAVED SHOULDER, IN WHICH CASE END WORK AT SAID JOINT.

ITEM 254- PAVEMENT PLANING, ASPHALT CONCRETE

THE PLANING SHALL BE SCHEDULED SO AS TO BE COVERED BY THE INTERMEDIATE COURSE ON SR 756 AND THE SURFACE ON SR 222 ROADWAY SECTIONS AND COVERED BY THE SURFACE COURSE ON APPLICABLE BRIDGES PRIOR TO REOPENING THE LANE TO TRAFFIC. THE COST OF THE ABOVE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RESPECTIVE ITEM. A DISINCENTIVE IN THE AMOUNT OF $65 PER MINUTE SHALL BE ASSESSED FOR EACH MINUTE, OR PORTION THEREOF, A PLANED SURFACE IS OPEN TO TRAFFIC.

ITEM 253- PAVEMENT REPAIR

AN ESTIMATED QUANTITY OF 100 CU YDS OF ITEM 253- PAVEMENT REPAIR HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED THROUGHOUT THE ENTIRE PROJECT AS DIRECTED BY THE ENGINEER. THIS OPERATION SHALL BE PERFORMED BEFORE PAVEMENT PLANING OF ROADWAY.



EXISTING DETERIORATED ASPHALT SHALL BE REMOVED TO A MAXIMUM DEPTH OF 6" INCHES OR AS DIRECTED BY THE ENGINEER AND REPLACED WITH ITEM 301, ASPHALT CONCRETE AND SHALL BE COMPACTED AS PER 401.15 AND IN APPROXIMATELY EQUAL LAYERS. THE LOCATIONS AND SIZE OF THE REPAIRS SHALL BE DETERMINED BY THE ENGINEER.

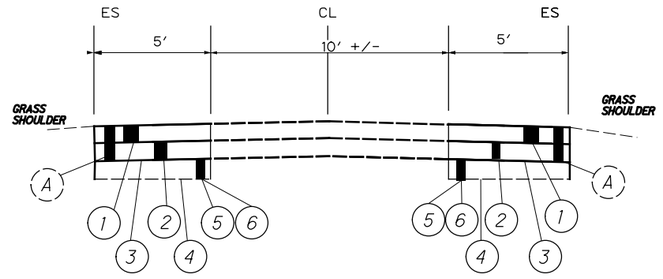
ITEM 253, PAVEMENT REPAIR, AS PER PLAN (A) STATE ROUTE 756 SLM 2.71-7.38

THIS WORK SHALL CONSIST OF REPLACING THE OUTSIDE 5' OF PAVEMENT ON EITHER SIDE OF SR 756 BY REMOVAL AND INSTALLING NEW PAVEMENT PER THE DETAIL BELOW.

THE PAVEMENT REPAIR ITEM SHALL INCLUDE PAVEMENT REMOVAL, SUBGRADE COMPACTION, AGGREGATE BASE, AND ASPHALT CONCRETE BASE. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR THIS WORK:

ITEM 253 - PAVEMENT REPAIR, AS PER PLAN	12,176 CY
ITEM 204 - 12" GRANULAR MATERIAL, TYPE C	9132 CY
ITEM 204 - EXCAVATION OF SUBGRADE 12" DEEP, AS PER PLAN	9132 CY
ITEM 204 - GEOTEXTILE FABRIC, TYPE D	27,397 SY

SR 756 PAVEMENT REPAIR
2.71-7.38 S.L.M.



(A) EXISTING PAVEMENT

(1) ITEM 301- 6" ASPHALT CONCRETE BASE, PG64-22 (PAVEMENT REPAIR A)

(2) ITEM 304- 10" AGGREGATE BASE (PAVEMENT REPAIR A)

(3) ITEM 204- SUBGRADE COMPACTION (PAVEMENT REPAIR A)

(4) ITEM 204- GEOTEXTILE MATERIAL TYPE D

(5) ITEM 204- EXCAVATION OF SUBGRADE 12" DEEP, AS PER PLAN

(6) ITEM 204- 12" GRANULAR MATERIAL, TYPE C

CALCULATED JED CHECKED JDO

GENERAL NOTES

CLE-SR 756-0.00

SHEET NUM.														PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
	3	4	5	9	10	11	12	13	14	15	16	17		01/STR/PV	02/STR/PV	03/STR/PV						
												66				66	202	23000	66	SY	PAVEMENT REMOVED	
								249						249			202	30000	249	SF	WALK REMOVED	
									33	31	28					92	202	35100	92	FT	PIPE REMOVED, 24" AND UNDER	
						901								901			202	38000	901	FT	GUARDRAIL REMOVED	
						8								8			202	42001	8	EACH	ANCHOR ASSEMBLY REMOVED, TYPE A, AS PER PLAN	3
						2								2			202	42040	2	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T	
												66				66	204	10000	66	SY	SUBGRADE COMPACTION	
	9,132														9,132		204	13001	9,132	CY	EXCAVATION OF SUBGRADE, AS PER PLAN, 12" DEEP	4
	9,132														9,132		204	30020	9,132	CY	GRANULAR MATERIAL, TYPE C	
	27,397														27,397		204	50000	27,397	SY	GEOTEXTILE FABRIC, TYPE D	
				22										12.66	9.34		209	72050	22	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING	
						687.5								687.5			606	15100	687.5	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS	
						7								7			606	26150	7	EACH	ANCHOR ASSEMBLY, MGS TYPE E, (NCHRP 350 OR MASH 2016)	
						3								3			606	26550	3	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
											29					29	607	35000	29	FT	FENCE REMOVED AND REBUILT, TYPE 47	
								192						192			608	10000	192	SF	4" CONCRETE WALK	
								384						384			608	52000	384	SF	CURB RAMP	
	LUMP														LUMP		878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	
									1.4	0.83	1					3.23	601	32204	3.23	CY	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	
		34						0.2						0.2		34	659	00300	34.2	CY	TOPSOIL	
		305						1.7						1.7		305	659	10000	306.7	SY	SEEDING AND MULCHING	
		0.04														0.04	659	20000	0.04	TON	COMMERCIAL FERTILIZER	
		0.06														0.06	659	31000	0.06	ACRE	LIME	
		1.6						0.1						0.1		1.6	659	35000	1.7	MGAL	WATER	
															5,000	5,000	832	30000	10,000	EACH	EROSION CONTROL	
															LS		832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
															LS		832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
															LS		832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
									LUMP	LUMP	LUMP					LUMP	503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
									0.78	0.54	0.54					1.86	602	20000	1.86	CY	CONCRETE MASONRY	
										31						31	611	05700	31	FT	15" CONDUIT, TYPE A, 706.02, 707.01 ALUMINIZED OR 707.33	
											28					28	611	07200	28	FT	18" CONDUIT, TYPE A, 706.02, 707.01 ALUMINIZED OR 707.33	
									33							33	611	08700	33	FT	21" CONDUIT, TYPE A, 706.02, 707.01 ALUMINIZED OR 707.33	
		1												1			611	98630	1	EACH	CATCH BASIN ADJUSTED TO GRADE	
		7												7			611	99654	7	EACH	MANHOLE ADJUSTED TO GRADE	
	100													100			253	02000	100	CY	PAVEMENT REPAIR	
	12,176														12,176		253	02001	12,176	CY	PAVEMENT REPAIR, AS PER PLAN, (A)	3
								4						4			253	02001	4	CY	PAVEMENT REPAIR, AS PER PLAN, (B)	13
			5,716											5,716			254	01000	5,716	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25"	
			139,885											81,220	58,665		254	01000	139,885	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	
			1,459											872	587		254	01600	1,459	SY	PATCHING PLANED SURFACE	
												16				16	301	46000	16	CY	ASPHALT CONCRETE BASE, PG64-22	
												11				11	304	20000	11	CY	AGGREGATE BASE, 6"	
				21,498								6		12,698	8,800	6	407	20000	21,504	GAL	NON-TRACKING TACK COAT	
				5,286										3,150	2,136		441	10000	5,286	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22	
				11,539										6,701	4,838		441	00100	11,539	CY	ANTI-SEGREGATION EQUIPMENT	
				6,800										3,948	2,852		441	10200	6,800	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)	
				675										393	282		617	10100	675	CY	COMPACTED AGGREGATE	
				446										446			617	20000	446	SY	SHOULDER PREPARATION	
				13.53										13.53			617	25000	13.53	MGAL	WATER	

ROADWAY

EROSION CONTROL

DRAINAGE

PAVEMENT — 3, 13

CALCULATED JED
CHECKED JDO

GENERAL SUMMARY

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