

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.

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.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

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.

PAVEMENT MARKING LANE WIDTHS

THE NORMAL LANE WIDTH FOR THE PAVEMENT MARKINGS ON THIS PROJECT WILL BE AS:

ROUTE	S.L.M. TO S.L.M.	LANE WIDTH
SR 11 NB	0.00 TO 8.45	12'
SR 11 SB	0.00 TO 8.45	12'

BARRIER REFLECTORS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS DIRECTED BY THE ENGINEER FOR INSTALLING/REPLACING BARRIER REFLECTORS ON ALL EXISTING BARRIER RUNS WITHIN THE PROJECT LIMITS.

202, REMOVAL MISC.: BARRIER REFLECTOR, 288 EACH
626, BARRIER REFLECTOR, TYPE 1, 80 EACH
626, BARRIER REFLECTOR, TYPE 2, 280 EACH

ITEM 203 - EXCAVATION (FOR PAVEMENT REPAIR)

THIS ITEM OF WORK SHALL CONSIST OF REMOVING AND DISPOSING OF ALL UNSUITABLE MATERIAL BY EXCAVATING THE EXISTING SUBGRADE AND SUBBASE TO AN AVERAGE DEPTH OF 6 INCHES OR AS DIRECTED BY THE ENGINEER. EXACT LIMITS OF REMOVAL SHALL BE DETERMINED BY THE ENGINEER. ALL EQUIPMENT, LABOR, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203 EXCAVATION (FOR PAVEMENT REPAIR). THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:
203, EXCAVATION (FOR PAVEMENT REPAIR) 28 CU YD

LINEAR GRADING

AREAS WHERE THE SHOULDER IS HIGHER THAN THE EDGE OF PAVEMENT WILL BE GRADED TO PROVIDE POSITIVE DRAINAGE. THIS WORK WILL ONLY BE PERFORMED IN AREAS NECESSARY AND WILL NOT BE PERFORMED ON THE ENTIRE PROJECT. AREAS FOR THE WORK WILL BE MARKED BY THE PROJECT ENGINEER. UNDER NO CIRCUMSTANCES WILL THIS WORK BE PERFORMED CONCURRENTLY WITH ANY OTHER OPERATION.

GRADING WILL BE ACCOMPLISHED BY THE REMOVAL OF MATERIAL TO PROVIDE A 0.08 POSITIVE SLOPE. THE GRADED AREAS WILL BE COMPACTED TO A SUFFICIENT DENSITY TO PREVENT EROSION UNTIL SEEDING AND MULCHING IS PERFORMED. ALL EXCESS MATERIAL WILL BE REMOVED FROM THE BERMS AND WILL BE DISPOSED OF OFF THE PROJECT BY THE CONTRACTOR.

THE CONTRACTOR IS REQUIRED TO PLACE ITEM 617 WITHIN A PERIOD NOT TO EXCEED 7 DAYS. REFER TO THE AS PER PLAN NOTE FOR REQUIREMENTS.

EXPOSED EARTH OUTSIDE OF THE LIMITS OF ITEM 617 ARE REQUIRED TO BE SEEDED AND MULCHED WITHIN 7 DAYS OF PLACEMENT OF ITEM 617. PAYMENT FOR THIS WORK SHALL BE MADE UNDER ITEM 832.

THE QUANTITY OF ITEM 209 IS NOT PERMITTED TO BE INCREASED. REDUCTIONS IN QUANTITIES ARE PERMITTED AS DETERMINED BY THE PROJECT ENGINEER.

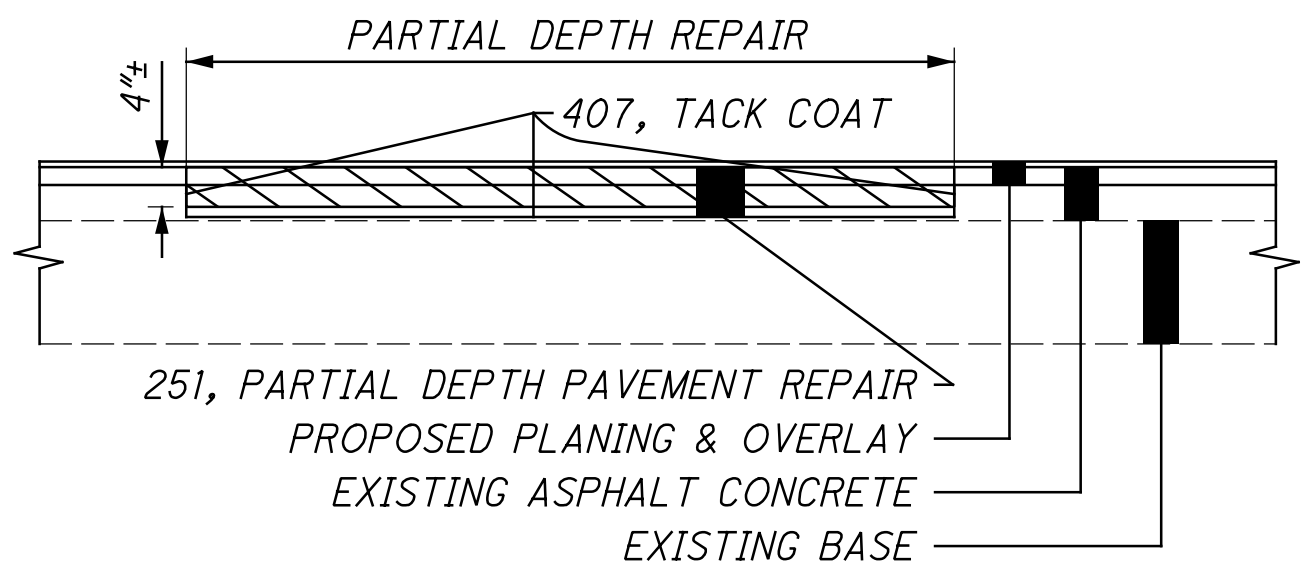
ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK WILL BE INCLUDED IN THE UNIT PRICE FOR THE PERTINENT BID ITEM. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:
209, LINEAR GRADING, 203 STA.

Quantity revised

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 PRIOR TO MILLING. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REPAIR.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:
251, PARTIAL DEPTH PAVEMENT REPAIR (441), 400 SQ. YD.



ITEM 254 - PATCHING PLANED SURFACE

THE FOLLOWING ESTIMATED QUANTITY SHALL BE USED AS DIRECTED BY THE ENGINEER AND HAS BEEN CARRIED TO THE GENERAL SUMMARY:
254, PATCHING PLANED SURFACE, 12000 SY

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN
ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLAN

FOR ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLAN, WHERE THE CMS REQUIREMENTS FOR CLASS QC 1 CONCRETE DIFFER FROM CLASS QC 1P CONCRETE, THE REQUIREMENTS FOR CLASS QC 1P CONCRETE SHALL APPLY.

A QUANTITY OF THESE ITEMS SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. ITEM 255 SHALL CONSIST OF REMOVING DETERIORATED PAVEMENT FULL DEPTH AND PLACING 9.50"± CLASS QC 1P CONCRETE TO THE LEVEL OF THE EXISTING CONCRETE BASE. ITEM 251 SHALL CONSIST OF PLACING 5.50"± OF ITEM 441 ASPHALT CONCRETE, TYPE 2, OVER THE QC 1P CONCRETE, TO THE LEVEL OF THE EXISTING PAVEMENT SURFACE. THE DROP-OFF DEPTH TO THE TOP OF THE ITEM 255 REPAIR SHALL NOT EXCEED 5".

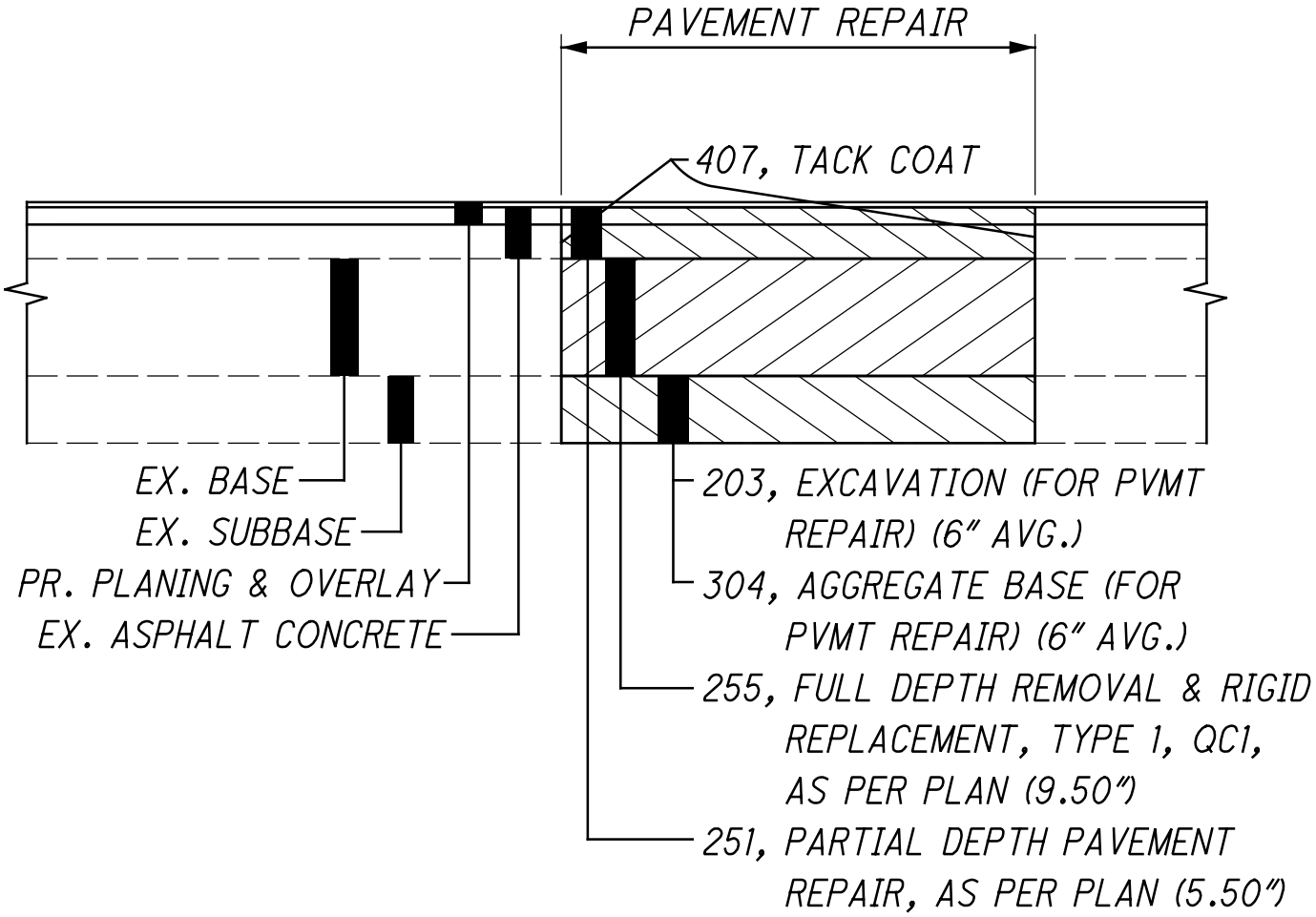
UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THIS ITEM SHALL BE PERFORMED PRIOR TO THE COMPLETION OF MAINLINE PAVEMENT PLANING. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. THE ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REMOVED AND REPLACED TO THE LIMITS DESIGNATED BY THE ENGINEER.

PAYMENT FOR LABOR, MATERIALS AND EQUIPMENT NEEDED FOR PLACEMENT OF QC1P CONCRETE SHALL BE PAID FOR UNDER ITEM 255, FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLAN.

PAYMENT FOR LABOR, MATERIALS AND EQUIPMENT REQUIRED FOR PLACEMENT OF 441 ASPHALT CONCRETE MATERIAL SHALL BE PAID FOR UNDER BID ITEM 251, ASPHALT CONCRETE PAVEMENT REPAIR (441), AS PER PLAN.

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

255, FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLAN, 250 SY
255, FULL DEPTH PAVEMENT SAWING, 1125 FT
251, PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN, 250 SY



ITEM 304 - AGGREGATE BASE (FOR PAVEMENT REPAIR)

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN PROVIDED AND SHALL BE USED AS DIRECTED BY THE ENGINEER TO BACKFILL AREAS WHICH WERE EXCAVATED UNDER ITEM 203 EXCAVATION (FOR PAVEMENT REPAIR). THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:
304, AGGREGATE BASE (FOR PAVEMENT REPAIR) 28 CU YD

ITEM 408 - PRIME COAT, AS PER PLAN

APPLY "MC-70" AT A RATE OF 0.4 GALLONS PER SQUARE YARD, OR AS DETERMINED BY THE ENGINEER, TO THE COMPLETED COMPACTED AGGREGATE SHOULDER.

CATCH BASIN ADJUSTED TO GRADE

AN ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR ADJUSTING CATCH BASINS TO GRADE.

EXISTING CASTINGS MAY PROVE TO BE UNSUITABLE FOR REUSE, AS DETERMINED BY THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CASTINGS OF REQUIRED TYPE, SIZE AND STRENGTH. ENSURE ALL MATERIAL MEETS CMS ITEM 611 AND HAS PRIOR APPROVAL OF THE ENGINEER.

ITEM 611 – CATCH BASIN ADJUSTED TO GRADE, 5 EACH
ITEM SPECIAL – MISCELLANEOUS METAL, 400 LB

ITEM 621 - RPM, AS PER PLAN

RAISED PAVEMENT MARKERS ON LANE LINES ON FREEWAYS SHALL BE ONE-WAY WHITE SPACED AT 80'.

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.



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SHEET NUMBER												PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.3	P.4	P.16	P.17	P.18	P.19	P.20	P.21					01/NHS	02/NHS						
																		ROADWAY	
288												288		202	98100	288	EACH	REMOVAL MISC.: BARRIER REFLECTOR	P.3
28												28		203	10000	28	CY	EXCAVATION (FOR PAVEMENT REPAIR)	
203												203		209	60200	203	STA	LINEAR GRADING	
	LS											LS		SPECIAL	69091000	LS		AS-BUILT CONSTRUCTION PLANS	P.4
	5											5		SPECIAL	69098000	5	EACH	VERTICAL CLEARANCE	P.4
												3,000		832	30000	3,000	EACH	EROSION CONTROL	
																		DRAINAGE	
5												5		611	98630	5	EACH	CATCH BASIN ADJUSTED TO GRADE	
400												400		SPECIAL	61199820	400	LB	MISCELLANEOUS METAL	P.4
																		PAVEMENT	
400												400		251	01000	400	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)	
250												250		251	01001	250	SY	PARTIAL DEPTH PAVEMENT REPAIR (441), AS PER PLAN	P.3
12,000												12,000		254	01600	12,000	SY	PATCHING PLANED SURFACE	
250												250		255	11001	250	SY	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, TYPE 1, CLASS QC1, AS PER PLAN (T = 9.50")	P.3
1,125												1,125		255	20000	1,125	FT	FULL DEPTH PAVEMENT SAWING	
28												28		304	20000	28	CY	AGGREGATE BASE (FOR PAVEMENT REPAIR)	
		17,525	18,906									36,431		407	20000	36,431	GAL	NON-TRACKING TACK COAT	
		7,829	8,489									16,318		408	10001	16,318	GAL	PRIME COAT, AS PER PLAN	P.3
		5,409	5,836									11,245		424	14000	11,245	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448)	
		3,371	3,550									6,921		441	00100	6,921	CY	ANTI-SEGREGATION EQUIPMENT	
		544	590									1,134		617	10100	1,134	CY	COMPACTED AGGREGATE	
		88,071	88,071									176,142		618	40100	176,142	FT	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	
		194,715	210,061									404,776		897	01010	404,776	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T = 0.75")	
																		TRAFFIC CONTROL	
				173								173		621	00100	173	EACH	RPM	
				1,120								1,120		621	00101	1,120	EACH	RPM, AS PER PLAN	P.4
				1,036								1,036		621	54000	1,036	EACH	RAISED PAVEMENT MARKER REMOVED	
80												80		626	00102	80	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)	
280												280		626	00110	280	EACH	BARRIER REFLECTOR, TYPE 2 (ONE-WAY)	
												487		630	02100	487	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
												96		630	80100	96	SF	SIGN, FLAT SHEET	
												40		630	80100	40	SF	SIGN, FLAT SHEET, 730.20	
												62		630	84900	62	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
												50		630	86002	50	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
						0.61						0.61		646	10000	0.61	MILE	EDGE LINE, 4"	
						0.34						0.34		646	10200	0.34	MILE	CENTER LINE	
					117							117		646	10400	117	FT	STOP LINE	
					4							4		646	20320	4	EACH	WRONG WAY ARROW	
					2,900							2,900		807	10310	2,900	FT	WET REFLECTIVE TRAFFIC PAINT, CHANNELIZING LINE, 12"	
					35.36							35.36		807	12010	35.36	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6"	
					16.94							16.94		807	12110	16.94	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"	
					2,220							2,220		807	12410	2,220	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6"	
					51.54							51.54		850	10010	51.54	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
					2,220							2,220		850	10110	2,220	FT	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
					2,900							2,900		850	10130	2,900	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)	
					0.76							0.76		850	20010	0.76	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

JF

REVIEWER

BC 09/15/26

PROJECT ID

110642

SHEET	TOTAL
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GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

REVIEWER

BC 06/29/26

PROJECT I

110642

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TOTAL

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