MAINTENANCE OF TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS AND RAMPS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION, THE SPECIFICATIONS AND THE FOLLOWING:

1. A MINIMUM OF ONE TEN FOOT LANE IN EACH DIRECTION SHALL BE MAINTAINED ON THE EXISTING PAVEMENT OR COMPLETED PAVEMENT DURING CONSTRUCTION OF THE WORK.

2. THE CONTRACTOR SHALL INFORM THE DISTRICT OFFICE (330) 786-2208, EIGHTEEN (18) DAYS PRIOR TO THE BEGINNING OF WORK.

3. LANE RESTRICTIONS OR LANE REDUCTIONS SHALL NOT BE PERMITTED AFTER NORMAL WORKING HOURS. NORMAL WORKING HOURS SHALL BE THOSE HOURS DURING WHICH THE CONTRACTOR HAS A FULL COMPLEMENT OF EMPLOYEES AND EQUIPMENT ACTIVELY REMOVING AND/OR PLACING PAVEMENT MATERIALS.

4. ALL FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT OPERATIONS SHALL BE COMPLETED THE SAME DAY THE EXCAVATION IS MADE. IF THE CONTRACTOR CANNOT COMPLETE THE WORK, THE EXCAVATION SHALL BE BACKFILLED OR PROTECTED AS PER STANDARD CONSTRUCTION DRAWING MT-101.90.

5. TRUCK MOUNTED ATTENUATORS [TMA'S] SHALL BE USED AS SHOWN IN THE STANDARD CONSTRUCTION DRAWINGS.

6. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO HAVE SUCCESSIVE WORK ZONES UNLESS THE DISTANCE BETWEEN THE DRUMS, BARRICADES OR CONES EXCEEDS ONE [1] MILE.

7. FOR ROUTES NOT ON THE PERMITTED LANE CLOSURE CHART, ONLY DURING OFF-PEAK PERIODS (ie ANY PERIOD OTHER THAN 6-8AM AND 3-6PM) SHALL THE CONTRACTOR INSTALL AND SUBSEQUENTLY RESET ALL TRAFFIC CONTROL NECESSARY FOR THE WORK ZONE FOR EACH CONSTRUCTION PHASE.

8. IN ADDITION TO THE REQUIREMENTS OF 614.11 WORK ZONE PAVEMENT MARKINGS, AT THE END OF EACH DAY OF WORK, THE CONTRACTOR SHALL REPLACE (WITH WORK ZONE MARKINGS) ALL LANE, CENTER, STOP OR CHANNELIZING LINES THAT WERE REMOVED OR COVERED DURING THE PAVEMENT REMOVAL OR PLACEMENT OPERATIONS. QUANTITIES FOR SUCH PLACEMENT ARE CARRIED AS PART OF THE ITEMS LISTED UNDER 614 WORK ZONE PAVEMENT MARKINGS.

9. A QUANTITY OF 10 CU YS. OF ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC SHALL BE PROVIDED FOR USE IN MAINTAINING PAVEMENT, SHOULDERS AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.

10. PRIOR TO OPENING TO TRAFFIC EACH LANE SHALL BE IN A SAFE, PASSABLE CONDITION. ALL TRANSVERSE JOINTS SHALL EXTEND ACROSS THE FULL LANE AND SHOULDER WIDTH AND EACH LANE SHALL BE FREE FROM UNEVEN LONGITUDINAL JOINTS. THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGES FOR TRANSVERSE JOINTS WHEREVER THERE ARE PAVEMENT ELEVATION DIFFERENCES.

11. THE CONTRACTOR SHALL PLACE THE SIGNS: W8-1 [BUMP] PER OMUTCD 2C.28; W8-11 [UNEVEN LANES] PER OMUCTD 6F.45; AND W6-3 [TWO-WAY TRAFFIC] PER OMUTCD 6F.32. PAYMENT FOR THESE SIGNS SHALL BE INCIDENTAL TO THE LUMP SUM ITEM 614-MAINTAINING TRAFFIC. A QUANTITY OF ITEM 614 WORK ZONE MARKING SIGNS HAS BEEN INCLUDED IN THE PLANS PER CMS 614.04.

12. THE CONTRACTOR SHALL SET A WORK ZONE AT THE REQUEST OF THE ENGINEER TO ALLOW THE LAYOUT OF THE PARTIAL/FULL DEPTH PAVEMENT REPAIR AREAS. THIS WORK IS INCIDENTAL TO ITEM 614 MAINTAINING TRAFFIC.

THE FOLLOWING QUANTITIES SHALL BE USED FOR THE MAINTENANCE OF TRAFFIC ON THIS PROJECT:

adjusted centerline, stop line, & channelizing line quantities

PHASE 1: MILLED SURFACE
- 614, WORK ZONE CENTER LINE, CLASS I, 7.24 MILE
- 614, WORK ZONE LANE LINE, CLASS I, 7.72 MILE
- 614, WORK ZONE STOP LINE, CLASS 1, 730 FT
- 614, WORK ZONE CHANNELIZING LINE, CLASS 1, 5316 FT
- 614, WORK ZONE MARKING SIGN,(ALL PHASES) 25 EACH

PHASE 2: SURFACE COURSE
- 614, WORK ZONE CENTERLINE, CLASS III, 642 PAINT, 7.24 MILE
- 614, WORK ZONE LANE LINE, CLASS III, 642 PAINT 7.72 MILE
- 614, WORK ZONE STOP LINE, CLASS III, 642 PAINT 730 FT
- 614, WORK ZONE CHANNELIZING LINE, CLASS III, 642 PAINT 5316 FT

TRAFFIC CONTROL INSPECTOR

THE CONTRACTOR SHALL DESIGNATE AN INDIVIDUAL OTHER THAN THE SUPERINTENDENT AND SUBJECT TO THE APPROVAL OF THE ENGINEER, TO CONTINUOUSLY INSPECT ALL TRAFFIC CONTROL DEVICES WHENEVER CONSTRUCTION WORK IS BEING PERFORMED WITHIN THE WORK LIMITS OF THE PROJECT. THE DESIGNATED INDIVIDUAL SHALL ALSO INSPECT ALL TRAFFIC DEVICES AT THE BEGINNING AND AT THE END OF EACH WORK DAY. THE DESIGNATED INDIVIDUAL OR A QUALIFIED REPRESENTATIVE SHALL ALSO BE AVAILABLE ON AN AROUND THE CLOCK BASIS TO REPAIR AND/OR REPLACE DAMAGED OR MISSING TRAFFIC CONTROL DEVICES. THESE INDIVIDUALS SHALL BE EQUIPPED WITH CELLULAR PHONES AND THEIR NAMES AND PHONE NUMBERS SHALL BE GIVEN TO THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION MEETING. THE DESIGNATED INDIVIDUAL MAY HAVE OTHER CONSTRUCTION RELATED DUTIES AS LONG AS IMMEDIATE ATTENTION IS GIVEN TO TRAFFIC CONTROL. PAYMENT FOR THE SERVICES OF THE TRAFFIC CONTROL INSPECTOR SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC.

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

TIME LIMITATION, TRAFFIC ON A MILLED SURFACE

THE MAXIMUM ALLOWABLE TIME FOR TRAFFIC TO BE PLACED ON A MILLED SURFACE SHALL BE 5 CONSECUTIVE CALENDAR DAYS. SHOULD THE CONTRACTOR FAIL TO MEET THIS REQUIREMENT, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF $2000 PER DAY THAT THE TRAFFIC IS PLACED ON A MILLED SURFACE BEYOND THE SPECIFIED LIMIT.

ITEM 614 - PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A PORTABLE CHANGEABLE MESSAGE SIGN, THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCE OF 800 FEET AND 650 FEET RESPECTIVELY.

EACH SIGN SHALL BE TRAILER MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM TO DIM THE SIGN DURING DARKNESS AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. PCMS TRAILERS SHOULD BE DELINEATED.

PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE PCMS SHOULD NOT BE LOCATED IN THE MEDIAN OF THE HIGHWAY UNLESS IT IS PROTECTED FROM BOTH DIRECTIONS OF TRAFFIC. THE PCMS SHALL BE LOCATED. IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE THE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS WILL BE OFF. ADDITIONALLY WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED, FACING AWAY FROM ALL TRAFFIC AND SHALL DISPLAY ONE OR MORE TYPE G YELLOW REFLECTIVE SHEETING SURFACES OF 9-INCH BY 15-INCH MINIMUM SIZE FACING TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT AND TO REVISE SIGN MESSAGES, IF NECESSARY.

ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE CONTRACTOR. A LIST OF ALL PROPOSED PREPROGRAMMED MESSAGES WILL BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE LINE PRESENTATION FORMATS WITH UP TO OF SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE.

THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DE-ACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

THE PCMS SHALL CONTAIN A CELLULAR TELEPHONE DATA LINK WHICH WILL [IN ACTIVE CELLULAR AREAS] ALLOW REMOTE SIGN ACTIVATION, DEACTIVATION, MESSAGE CHANGES, MESSAGE ADDITIONS AND REVISIONS TO TIME OF DAY PROGRAMS. THE SYSTEM SHALL ALSO PERMIT VERIFICATION OF CURRENT AND PROGRAMMED MESSAGES.

THE PCMS UNIT SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IN ACCORDANCE WITH THE PROVISIONS OF 614.07. THE CONTRACTOR SHALL PRIOR TO ACTIVATING THE UNIT, MAKE ARRANGEMENTS WITH AN AUTHORIZED SERVICE AGENT FOR THE PCMS TO ASSURE PROMPT SERVICE IN THE EVENT OF FAILURE. ANY FAILURE SHALL NOT RESULT IN THE SIGN BEING OUT OF SERVICE FOR MORE THAN 12 HOURS INCLUDING WEEKENDS. FAILURE TO COMPLY MAY RESULT IN AN ORDER TO STOP WORK AND OPEN ALL TRAFFIC LANES AND/OR IN THE DEPARTMENT TAKING APPROPRIATE ACTION TO SAFELY CONTROL TRAFFIC. THE ENTIRE COST TO CONTROL TRAFFIC ACCRUED BY THE DEPARTMENT WILL BE DEDUCTED FROM MONEYS DUE, OR TO BECOME DUE THE CONTRACTOR ON HIS CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24 HOURS PER DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THEIR USE. THE REQUIREMENT TO FURNISH, INSTALL, MAINTAIN AND REMOVE A PCMS UNIT ON THIS PROJECT SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES AS OUTLINED IN 614.02.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK.

614 PORTABLE CHANGEABLE MESSAGE SIGN,
AS PER PLAN, 16 SIGN MONTH
ASSUMING 4 SIGNS FOR 4 MONTHS

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY

DESIGNER RMK

REVIEWER MJA 02-17-2022

PROJECT ID 114922

SHEET P.4 TOTAL 13

STA-687-1.40

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SHEET NUM.													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE
			3	4	5	7	8	9	12	13			01/S>2/PV		EXT	TOTAL			SHEET NO.
																		ROADWAY	
								78					78	202	23000	78	SY	PAVEMENT REMOVED	
								2,002					2,002	202	30000	2,002	SF	WALK REMOVED	
								171					171	202	32500	171	FT	CURB AND GUTTER REMOVED	
								1					1	203	10000	1	CY	EXCAVATION (FOR WALK OR CURB RAMP INSTALLATION)	
								347					347	608	10000	347	SF	4" CONCRETE WALK	
								1,700					1,700	608	52000	1,700	SF	CURB RAMP	
								1					1	623	39500	1	EACH	MONUMENT BOX ADJUSTED TO GRADE	
			1										1	623	39501	1	EACH	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN	3
																		EROSION CONTROL	
								2					2	659	00300	2	CY	TOPSOIL	
								14					14	659	10000	14	SY	SEEDING AND MULCHING	
													3,000	832	30000	3,000	EACH	EROSION CONTROL	
																		DRAINAGE	
			10										10	611	98631	10	EACH	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN	3
			5										5	611	98635	5	EACH	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	3
			18										18	611	99654	18	EACH	MANHOLE ADJUSTED TO GRADE	
			18										18	611	99660	18	EACH	MANHOLE RECONSTRUCTED TO GRADE	
			2,550										2,550	SPECIAL	61199820	2,550	LB	MISCELLANEOUS METAL	3
																		PAVEMENT	
			1,100										1,100	251	01000	1,100	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)	
						12,172	133						12,305	407	20000	12,305	GAL	NON-TRACKING TACK COAT (@ 0.09 GAL/SY)	
						4,696	52						4,748	424	14001	4,748	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN (T=1 1/4")	3
								136					136	609	12000	136	FT	COMBINATION CURB AND GUTTER, TYPE 2	
						135,239	1,473						136,712	897	01010	136,712	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T=1 1/4")	
																		WATER WORK	
			5										5	638	10801	5	EACH	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN	3
																		TRAFFIC CONTROL	
									1,233				1,233	621	00100	1,233	EACH	RPM	
									987				987	621	54000	987	EACH	RAISED PAVEMENT MARKER REMOVED	
										7.72			7.72	646	10110	7.72	MILE	LANE LINE, 6"	
										7.24			7.24	646	10200	7.24	MILE	CENTER LINE	
										5,316			5,316	646	10310	5,316	FT	CHANNELIZING LINE, 12"	
										730			730	646	10400	730	FT	STOP LINE	
										685			685	646	10520	685	FT	CROSSWALK LINE, 24"	
										210			210	646	10600	210	FT	TRANSVERSE/DIAGONAL LINE	
										121			121	646	20300	121	EACH	LANE ARROW	
										515			515	646	20504	515	FT	DOTTED LINE, 6"	
																		MAINTENANCE OF TRAFFIC	
					200								200	614	11110	200	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
				25									25	614	12460	25	EACH	WORK ZONE MARKING SIGN	
				10									10	614	13000	10	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
				16									16	614	18601	16	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	4
				7.72									7.72	614	20010	7.72	MILE	WORK ZONE LANE LINE, CLASS I, 6"	
				7.72									7.72	614	20560	7.72	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	
				7.24									7.24	614	21000	7.24	MILE	WORK ZONE CENTER LINE, CLASS I	
				7.24									7.24	614	21550	7.24	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
				5,316									5,316	614	23000	5,316	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	
				5,316									5,316	614	23680	5,316	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	
				730									730	614	26000	730	FT	WORK ZONE STOP LINE, CLASS I	
				730									730	614	26610	730	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
					16								16	809	69001	16	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	5
					19								19	809	69101	19	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	5
																		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	

adjusted quantities

GENERAL SUMMARY

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DESIGN AGENCY

DESIGNER RMK

REVIEWER MJA 02-17-2022

PROJECT ID 114922

GENERAL SPEC: 640
MATERIAL TYPE: 646

EDGE LINE

CTY	ROUTE	TRUE LOG	FROM	TRUE LOG	TO	WHITE EDGE LINE, 6" TOTAL	WHITE EDGE LINE, 6" HIGHWAY	WHITE EDGE LINE, 6" RAMP	YELLOW EDGE LINE, 6" TOTAL	YELLOW EDGE LINE, 6" HIGHWAY	YELLOW EDGE LINE, 6" RAMP	COMMENTS
TOTAL						0			0			

LANE LINE

CTY	ROUTE	TRUE LOG	FROM	TRUE LOG	TO	TOTAL MILES	6" LANE LINE DASHED	6" LANE LINE SOLID	COMMENTS
STA	687	1.40	0.075 MILES WEST OF MAGNOLIA LT.	5.26	0.388 MILES WEST OF HOWENSTINE RD.	7.72	7.72		
TOTAL						7.72	7.72		

CENTER LINE

CTY	ROUTE	TRUE LOG	FROM	TRUE LOG	TO	TOTAL MILES	EQUIVALENT SOLID LINE	COMMENTS
STA	687	1.40	0.075 MILES WEST OF MAGNOLIA LT.	5.26	0.388 MILES WEST OF HOWENSTINE RD.	7.24	10.31	
STA	687	4.17	SMALL PART OF HILLS AND DALES RD.			0.003	0.003	
TOTAL						7.24	10.31	

adjusted quantities

AUXILIARY

CTY	ROUTE LOCATION	TRUE LOG	CHANNEL LINE, 8"	CHANNEL LINE, 12"	STOP LINE	CROSS WALK LINES	TRANSVERSE DIAGONAL LINES WHITE	TRANSVERSE DIAGONAL LINES YELLOW	ISLAND MARKING	SYMBOL MARKINGS RxR	SYMBOL MARKINGS SCHOOL 72"	SYMBOL MARKINGS SCHOOL 96"	LANE ARROWS TURN LEFT	LANE ARROWS TURN RIGHT	LANE ARROWS THRU	LANE ARROWS COMB.	LANE ARROWS ANGLE LEFT	LANE ARROWS ANGLE RIGHT	LANE ARROWS COMBO ANGLE	DOTTED LINES, 6"	COMMENTS
		FT	FT	FT	FT	FT	FT	FT	SF	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FT	
STA	SR 687 TWO WAY LEFT	1.40-2.042						70					16								
STA	SR 687 @ EAST/SOUTH BLVD.	2.092		210	75			70					10								
STA	SR 687 @ FRANK AVE/SIBLIA AVE.	2.295		390	73			70					10								
STA	SR 687 @ EVERHARD RD.	2.453		670	74			35					8								
STA	SR 687 TWO WAY LEFT	2.53-2.98						35					8								
STA	SR 687 @ DRESSLER RD.	3.040		1350	125								6	6							
STA	SR 687 TWO WAY LEFT	3.00-3.70											14								
STA	SR 687 @ WHIPPLE AVE.	3.777		1376	95	243							10	6							
STA	SR 687 TWO WAY LEFT	3.80-4.00											4								
STA	SR 687 @ HILLS AND DALES	4.166		769	122	311							2			3	2	1	2	515	
STA	SR 687@WESTMORELAND/LAKESIDE	4.776		179	77	131							4								
STA	SR 687 @ INGLEWOOD/BROAD AVE.	5.069		372	89								3	2							
STA	SR 687 TWO WAY LEFT	5.13-5.26											4								
TOTAL				5316	730	685		210					99	14		3	2	1	2	515	

PAVEMENT MARKING SUBSUMMARY

DESIGN AGENCY

DESIGNER RMK

REVIEWER MJA 02-17-2022

PROJECT ID 114922

SHEET P.13 TOTAL 13

STA-687-1.40

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