

ITEM 408 – PRIME COAT, AS PER PLAN

THE CONTRACTOR SHALL APPLY ONE COAT OF MC-70 (AS PER SECTION 702) AT A RATE OF 0.4 GAL/SY TO THE COMPLETED AGGREGATE SHOULDER (ITEM 617) AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE A SHIELD TO PREVENT THE SPRAYING OR DRIFTING OF LIQUID BITUMINOUS MATERIAL ONTO THE EDGE OF PAVEMENT OR EDGE LINE. THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO 107.10 OF THE SPECIFICATIONS.

OPEN TRANSVERSE JOINT TAPERING

ALL OPEN TRANSVERSE JOINTS SHALL BE TAPERED TO MEET EXISTING PAVEMENT BEFORE INTRODUCING TRAFFIC. A "BUMP" SIGN (W-8-1-36) SHALL BE ERECTED AT ANY TRANSVERSE JOINT LEFT OPEN OVER NIGHT, INCLUDING A SPEED ADVISORY SIGN. THESE SIGNS SHALL BE REMOVED IMMEDIATELY AFTER JOINT HAS BEEN CLOSED. PLACEMENT OF SIGNS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC.

CARE SHALL BE TAKEN TO MATCH EXISTING PAVEMENT ELEVATIONS AT EXISTING PAVED BERMS, DRIVES, INTERSECTIONS, ETC.

ITEM 202 – REMOVAL, MISC.: FACILITIES OBJECT RELOCATED
ITEM 202 – REMOVAL, MISC.: FACILITIES OBJECT REMOVED FOR REUSE

FOR OBJECTS DENOTED IN THE PLANS, COORDINATE THE REMOVAL OR RELOCATION OF THESE OBJECTS WITH RICHARD FELDKAMP (RICHARD.FELDKAMP@DOT.OHIO.GOV) A MINIMUM OF FOURTEEN CALENDAR DAYS BEFORE THE REMOVAL OR RELOCATION OF THESE ITEMS BECOMES NECESSARY. REMOVE OR RELOCATE THESE ITEMS AT THE DIRECTION OF RICHARD FELDKAMP AFTER COORDINATING THIS WORK WITH THE PROJECT ENGINEER.

PAYMENT INCLUDES ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NEEDED TO COMPLETE THIS WORK AND WILL BE PAID UNDER THE APPROPRIATE ITEM FOR ITEM 202 – REMOVAL, MISC.: FACILITIES OBJECT RELOCATED OR ITEM 202 – REMOVAL, MISC.: FACILITIES OBJECT REMOVED FOR REUSE.

ITEM 608 – 4" CONCRETE WALK
ITEM 608 – 6" CONCRETE WALK

REPLACE DEFICIENT CONCRETE WALK IN EXISTING CURB RAMP AREAS WHERE DETECTABLE WARNINGS ARE TO BE PLACED, AS SHOWN ON THE CURB RAMP DETAILS IN THIS PLAN. EXACT QUANTITIES AND LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER

ITEM 608 – CURB RAMP
ITEM 608 – CURB RAMP, AS PER PLAN

EXISTING NON-ADA COMPLIANT CURB RAMPS ARE TO BE REMOVED AND REPLACED WITH THE SPECIFIED TYPE OF CURB RAMPS PER ODOT STANDARD CONSTRUCTION DRAWING BP-7.1. QUANTITIES HAVE BEEN PROVIDED ON THE ADA SUBSUMMARY IN THIS PLAN.

FOR THE LOCATIONS SPECIFIED IN THE PLANS USING ITEM 608 – CURB RAMP, AS PER PLAN, THE PROPOSED DETECTABLE WARNINGS SHALL BE MADE OF CAST IRON. IN ADDITION, THE CONCRETE IN THESE LOCATIONS SHALL BE 6" THICK TO SUPPORT INTERMITTENT VEHICULAR TRAFFIC.

ITEM 203 – EMBANKMENT, AS PER PLAN (CURB RAMPS)

THIS ITEM CONSISTS OF PLACING EMBANKMENT AT THE SPECIFIED LOCATIONS IN PLACE OF CURB RAMPS, WALKS, OR OTHER PEDESTRIAN FACILITIES OR PORTIONS OF PEDESTRIAN FACILITIES TO BE REMOVED.

PLACE CLEAN TOPSOIL IN THE VOIDS LEFT BY ANY REMOVED SECTIONS OF PEDESTRIAN FACILITIES TO FINISH FLUSH WITH THE SURROUNDING GROUND AND/OR PROPOSED OR REMAINING PEDESTRIAN FACILITY AND/OR ROADWAY. AFTER THIS TOPSOIL HAS BEEN PLACED, SEED AND MULCH THE AREAS ACCORDING TO ITEM 659. THE COST FOR THIS SEEDING AND MULCHING IS TO BE CONSIDERED INCIDENTAL TO THIS EMBANKMENT, AS PER PLAN ITEM.

THE METHOD OF MEASUREMENT FOR EMBANKMENT MATERIAL IS TO BE THE NUMBER OF LOOSE CUBIC YARDS DELIVERED, PLACED, AND ACCEPTED IN LIEU OF THE REQUIREMENTS OF 203.09. PAYMENT FOR ACCEPTED QUANTITIES WILL BE MADE AT THE CONTRACT BID PRICE PER CUBIC YARD FOR ITEM 203 – EMBANKMENT, AS PER PLAN, WHICH IS TO INCLUDE ALL LABOR, MATERIAL, EQUIPMENT, AND INCIDENTALS NEEDED TO COMPLETE THIS WORK.

AIRPORT CONTACT REQUIRED

IN ORDER TO COMPLY WITH ALL FAA REQUIREMENTS AND ALLEVIATE ANY ISSUES THAT MAY ARISE BETWEEN THE WORK ON THE HIGHWAY AND AIRWAY TRAFFIC, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE GALION AIRPORT MANAGER ADVISING THE MANAGER OF THE LOCATION, SCOPE AND DURATION OF THE PROJECT A MINIMUM OF FIVE BUSINESS DAYS PRIOR TO BEGINNING WORK. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AIRPORT MANAGER. THE FAA HAS MANDATED THAT THE CONTRACTOR ABIDE BY ALL REGULATIONS AND REQUESTS SET FORTH BY THE AIRPORT MANAGER. A MINIMUM OF FIVE BUSINESS DAYS PRIOR TO THE COMPLETION OF ALL WORK ON THE PROJECT, AGAIN CONTACT THE AIRPORT MANAGER IN ORDER TO NOTIFY THE MANAGER OF THE ACTUAL COMPLETION DATE OF THE PROJECT. ANY QUESTIONS REGARDING THIS REQUIREMENT MAY BE DIRECTED TO ETHAN CAUDILL, EI, DISTRICT FAA COORDINATOR, AT Ethan.Caudill@dot.ohio.gov.

GALION MUNICIPAL AIRPORT
DR. HOLBROOK RILES JR – AIRPORT MANAGER
8240 STATE ROUTE 309
GALION, OH 44833
419.468.8487

PRECONSTRUCTION PEDESTRIAN FACILITY LAYOUT INSPECTION

THE PROPOSED LAYOUT OF THE PEDESTRIAN FACILITIES INCLUDED IN THESE PLANS IS TO BE FIELD REVIEWED AND VERIFIED FOR COMPLIANCE WITH THE PLANS AND APPROPRIATE STANDARDS PRIOR TO PERFORMING ANY ASSOCIATED REMOVAL OR CONSTRUCTION. THIS MEETING IS INTENDED TO REVIEW PROPOSED WORK AS LAID OUT BY THE CONTRACTOR PRIOR TO THE MEETING; THIS MEETING IS NOT INTENDED TO LAYOUT ALL LOCATIONS IN CONJUNCTION WITH THE CONTRACTOR. THE CONTRACTOR SHOULD ADHERE TO THE PROJECT PLANS ON INITIAL LAYOUT PRIOR TO THIS MEETING, DETERMINE IF THERE ARE QUESTIONS, CONCERNS, OR CONTRACTOR-PROPOSED MODIFICATIONS TO THE DESIGN AT EACH LOCATION, AND BE PREPARED TO DISCUSS ANY SUCH LOCATIONS.

THE MEETING PARTICIPANTS WILL REVIEW EACH LOCATION AS REQUESTED BY THE CONTRACTOR, ADHERING TO THE ABOVE DETAILS. ADDITIONAL LOCATIONS WILL BE VERIFIED BY DISTRICT PERSONNEL FOR ADHERENCE TO THE PLANS AND SPECIFICATIONS.

COORDINATE WITH THE PROJECT ENGINEER TO SCHEDULE THE MEETING WITH ALL APPROPRIATE STAKEHOLDERS IN ORDER TO PROVIDE A MINIMUM OF 14 CALENDAR DAY NOTICE TO ALL MEETING ATTENDEES. THE REQUIRED STAKEHOLDERS ARE THE DISTRICT ADA ENGINEER, DISTRICT ADA COORDINATOR, MUNICIPAL REPRESENTATIVE (IF APPLICABLE), PROJECT ENGINEER, AND CONTRACTOR REPRESENTATIVE. THE ENGINEER OF RECORD, ODOT PROJECT MANAGER, ODOT DESIGNERS, AND CONSTRUCTION AREA ENGINEER SHOULD BE INVITED AS OPTIONAL ATTENDEES.

ALL MATERIAL, EQUIPMENT, LABOR, AND INCIDENTALS NEEDED TO COMPLETE THIS MEETING ARE TO BE INCLUDED IN THE CONTRACT BID PRICE FOR THE APPROPRIATE PEDESTRIAN FACILITY ASSOCIATED WITH THIS WORK.

ITEM 618 – RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN

PLACE THE RUMBLE STRIP ON THE INSIDE SHOULDER AS PER STANDARD CONSTRUCTION DRAWING BP-9.1. PLACE THE RUMBLE STRIP ON THE OUTSIDE SHOULDER CENTERED BETWEEN THE EDGE OF PAVEMENT AND EDGE OF PAVED SHOULDER. ALL OTHER ASPECTS OF THE OUTSIDE RUMBLE STRIP ARE TO REMAIN AS PER DETAILED ON STANDARD CONSTRUCTION DRAWING BP-9.1.

ALL WORK NEEDED TO COMPLETE THIS WORK WILL BE INCLUDED IN THE CONTRACT BID PRICE PER MILE FOR ITEM 618 – RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN AND WILL INCLUDE ALL MATERIAL, LABOR, EQUIPMENT, AND INCIDENTALS NEEDED.

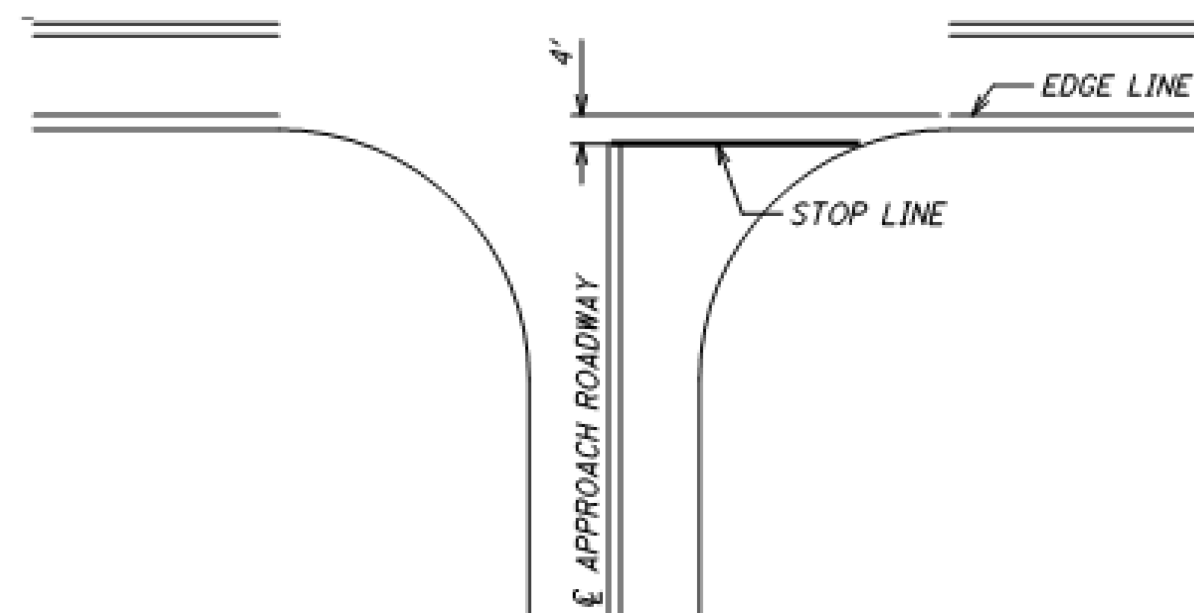
ITEM 630 – REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, AS PER PLAN

REMOVE ALL SIGNAGE ASSOCIATED WITH THE CROSSOVER TO BE REMOVED AND STORE. REERECT THESE SIGNS AT THE LOCATIONS OF THE PROPOSED CROSSOVER IN A SIMILAR LOCATION AND ORIENTATION AT THE PROPOSED CROSSOVER AS THEY WERE IN THE REMOVED CROSSOVER. REPLACE ANY DAMAGED POSTS, HARDWARE, OR SIGNS IN KIND AT THE APPROVAL OF THE ENGINEER.

ALL LABOR, MATERIALS AND INCIDENTALS NEEDED TO COMPLETE THIS WORK IS TO BE INCLUDED IN THE CONTRACT BID PRICE FOR ITEM 630 – REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, AS PER PLAN.

STOP BAR PLACEMENT

IN ORDER TO ACHIEVE MAXIMUM INTERSECTION SIGHT DISTANCE, AT NORMAL STOP CONTROLLED RURAL INTERSECTIONS WITHOUT CROSSWALK, PLACE THE STOP BAR FOUR FEET FROM THE EDGE LINE OF THE INTERSECTING ROADWAY, OR IN LINE WITH THE OUTSIDE EDGE OF THE PAVED SHOULDER, WHICHEVER IS WIDER.



ITEM SPECIAL – PAVER MOUNTED THERMAL PROFILING (PMTP)

THIS ITEM CONSISTS OF PROVIDING A PAVER MOUNTED THERMAL PROFILING (PMTP) SYSTEM TO IDENTIFY THE PRESENCE OF ANY THERMAL SEGREGATION OF AN UNCOMPACTED MAT OF HOT MIX ASPHALT. METHODS AND PROCEDURES FOR DETERMINING THE THERMAL PROFILE USING A PAVER-MOUNTED THERMAL IMAGING SYSTEM SHALL CONFORM TO THE SPECIFICATIONS FOUND IN THE SPECIAL PROVISIONS.

ODOT OFFICE OF PAVEMENT ENGINEERING SHALL BE NOTIFIED AT LEAST TOW WEEKS PRIOR TO THE START OF PMTP DATA COLLECTION.

ALL LABOR, EQUIPMENT, SOFTWARE, AND INCIDENTALS NEEDED TO INSTALL THE EQUIPMENT AND ANALYZING THE DATA SHALL BE INCLUDED FOR PAYMENT WITH THE LUMP SUM BID FOR ITEM SPECIAL – PAVER MOUNTED THERMAL PROFILING (PMTP)

PAVEMENT MARKING LOG

PRIOR TO REMOVING, GRINDING, OR OTHERWISE DESTROYING ANY EXISTING PAVEMENT MARKINGS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CREATE AN EXISTING PAVEMENT MARKING LOG IN ORDER TO PLACE THE PROPOSED PAVEMENT MARKINGS IN THE SAME LOCATION AS THEIR EXISTING CONFIGURATION. SUBMIT THE EXISTING PAVEMENT MARKING LOG TO THE ENGINEER AND OBTAIN HIS OR HER APPROVAL PRIOR TO REMOVING, GRINDING, OR OTHERWISE DESTROYING THE EXISTING PAVEMENT MARKINGS.

ALL LABOR, MATERIAL, EQUIPMENT, AND INCIDENTALS NEEDED TO COMPLETE THIS WORK SHOULD BE INCLUDED IN THE CONTRACT LUMP SUM BID PRICE FOR ITEM 614 – MAINTAINING TRAFFIC.

ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE)
ITEM 253 – PAVEMENT REPAIR

THESE ITEMS OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING PAVEMENT OR PAVED BERM WHICH MAY BE ASPHALT, BRICK, CONCRETE, OR A COMBINATION OF EACH, IN AREAS OF EXISTING PAVEMENT FAILURE.

PAVEMENT REPAIR SHALL BE PERFORMED PRIOR TO PAVEMENT PLANING. THE DEPTH OF REMOVAL SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT.

REPLACEMENT MATERIAL SHALL BE ITEM 301 AND SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT PAVEMENT SURFACE.

FOR ITEM 253 – PAVEMENT REPAIR, PLACE AT LEAST ONE LIFT OF 301 BASE OVER THE ENTIRE AREA OF THE REPAIR BY THE END OF THE WORK SHIFT, NOT ALLOWING A FULL DEPTH REMOVAL AREA WHEN WORK IS NOT TAKING PLACE.

PAYMENT SHALL INCLUDE ALL LABOR, MATERIAL, EQUIPMENT, AND INCIDENTALS NEEDED TO COMPLETE THE ABOVE WORK. FOR PAYMENT AND ESTIMATING PURPOSES, ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) IS TO BE A MAXIMUM OF 4" DEEP AS MEASURED FROM THE EXISTING PAVEMENT SURFACE. ITEM 253 – PAVEMENT REPAIR IS CONSIDERED FOR ANY REPAIRS DEEPER THAN 4" FROM THE EXISTING PAVEMENT SURFACE. PAYMENT WILL BE MADE AT THE UNIT BID PRICE PER CUBIC YARD, BY TICKET WEIGHT CONVERSION, OF ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) OR ITEM 253 – PAVEMENT REPAIR. THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

MAINLINE:
ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE)
(TRANSVERSE) 180 CY
(LONGITUDINAL) 430 CY
61 CY
ITEM 253 – PAVEMENT REPAIR
RAMP:
ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE)
(TRANSVERSE) 3 CY
(LONGITUDINAL) 7 CY
2 CY
ITEM 253 – PAVEMENT REPAIR
TOTAL:
ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE)
(TRANSVERSE) 183 CY
(LONGITUDINAL) 437 CY
63 CY
ITEM 253 – PAVEMENT REPAIR

ITEM 442 – ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), PWL, 2023, APP
ITEM 442 – ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE A (446), PWL, 2023, APP

ALL REQUIREMENTS OF C&MS ITEM 442 APPLY EXCEPT AS SHOWN BELOW:

DENSITY ACCEPTANCE: FOLLOW THE REQUIREMENTS OF 447 DENSITY ACCEPTANCE FOR THE SURFACE COURSE ITEM AND 446 DENSITY ACCEPTANCE FOR THE INTERMEDIATE COURSE ITEM, EXCEPT AS MODIFIED BELOW:

OBTAIN 6-INCH DIAMETER CORES FOR EACH LOT.

THE PWL CALCULATOR, LOCATED ON THE ODOT WEBSITE AT THE OFFICE OF CONSTRUCTION ADMINISTRATION, WILL BE USED TO DETERMINE THE LOT PWL AND THE LOT AASHTO PAY FACTORS.

THE DEPARTMENT WILL DETERMINE THE PAY FACTOR FOR EACH LOT CORED BY THE FOLLOWING TABLES:
FOR 447 DENSITY ACCEPTANCE:

LOWER SPEC. LIMIT	PAY FACTOR CRITERIA	PAY FACTOR (PF)
92.6%	AVG DENS ≥ 93% AND PWL ≥ 70%	GREATER OF PF = 1 OR AASHTO PF
	AVG DENS > 70% AND PWL > 50%	AASHTO PF
	PWL ≤ 50%	REMOVE AND REPLACE

FOR 446 DENSITY ACCEPTANCE:

LOWER SPEC. LIMIT	PAY FACTOR CRITERIA (SURFACE WITH 3 JOINT CORES)	PAY FACTOR (PF)
92%	AVG DENS ≥ 92.4% AND PWL ≥ 70%	GREATER OF PF = 1 OR AASHTO PF
	AVG DENS > 70% AND PWL > 50%	AASHTO PF
	PWL ≤ 50%	REMOVE AND REPLACE

PWL REQUIREMENTS DO NOT APPLY FOR PAVEMENTS PLACED ON CROSSOVERS, REST AREAS, OR RAMPS. FOLLOW THE REQUIREMENTS FOR ITEM 442 WITH THE APPROPRIATE DENSITY SPECIFICATION FOR ASPHALT CONCRETE IN THESE AREAS AS DIRECTED BY THE ENGINEER.

DESIGN AGENCY

DISTRICT 3



ENGINEERING TEAM ONE

DESIGNER

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JLL 11-01-22

PROJECT ID

91101


SHEET TOTAL

P.008 54

SHEET NUM.						PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
19	20	33	34	41	45	01/NHS/05	02/NHS/14	03/SAE/05						
TRAFFIC CONTROL														
17.1						17.1			618	40601	17.1	MILE	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN	8
476						476			621	00100	476	EACH	RPM	
476						476			621	54000	476	EACH	RAISED PAVEMENT MARKER REMOVED	
				6		6			626	00102	6	EACH	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL)	
	2					2			630	85101	2	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, AS PER PLAN	8
		48	50					98	642	00620	98	FT	CROSSWALK LINE, 12", TYPE 1	
		825	836					1,661	642	01200	1,661	FT	PARKING LOT STALL MARKING, TYPE 1	
		2	2					4	642	01702	4	EACH	HANDICAP SYMBOL MARKING, TYPE 1 (40 INCH)	
47						47			644	00500	47	FT	STOP LINE	
178						178			644	00720	178	FT	CHEVRON MARKING	
2						2			644	01360	2	EACH	WRONG WAY ARROW	
8.55						8.55			807	14010	8.55	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (WHITE)	
8.55						8.55			807	14010	8.55	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6" (YELLOW)	
8.14						8.14			807	14110	8.14	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6"	
1,932						1,932			807	14310	1,932	FT	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12"	
1,384						1,384			807	14410	1,384	FT	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6"	
25.24						25.24			850	10010	25.24	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
1,384						1,384			850	10110	1,384	FT	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)	
1,932						1,932			850	10130	1,932	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)	
STRUCTURE REPAIR (SFN 7000960)														
				8			8		202	11300	8	CY	PORTIONS OF STRUCTURE REMOVED	
				67			67		202	98200	67	FT	REMOVAL MISC.: JOINT SEALER	44
				50			50		509	20001	50	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN	44
				8			8		511	34444	8	CY	CLASS QC2 CONCRETE, BRIDGE DECK	
				64			64		512	10100	64	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
				156			156		512	10400	156	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS	
				67			67		516	31000	67	FT	JOINT SEALER	
STRUCTURE REPAIR (SFN 7000987)														
				101			101		202	98200	101	FT	REMOVAL MISC.: JOINT SEALER	44
				50			50		509	20001	50	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN	44
				2			2		512	10100	2	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
				101			101		516	31000	101	FT	JOINT SEALER	
				1			1		519	11100	1	SF	PATCHING CONCRETE STRUCTURE	
				1			1		519	12300	1	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B	
STRUCTURE REPAIR (SFN 7001002)														
				1			1		202	11300	1	CY	PORTIONS OF STRUCTURE REMOVED	
				1			1		202	47200	1	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED FOR REUSE	
				23			23		202	98200	23	FT	REMOVAL MISC.: NEOPRENE FLAP	44
				50			50		509	20001	50	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN	44
				1			1		511	34444	1	CY	CLASS QC2 CONCRETE, BRIDGE DECK	
				9			9		512	10100	9	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
				12			12		516	46700	12	EACH	RESET BEARING	
				LS			LS		516	47000	LS	LS	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE	
				21			21		519	11100	21	SF	PATCHING CONCRETE STRUCTURE (BACKWALL)	
				82			82		519	11100	82	SF	PATCHING CONCRETE STRUCTURE (MEDIAN)	
				160			160		519	11100	160	SF	PATCHING CONCRETE STRUCTURE (PIERS)	
				3			3		601	27000	3	CY	DUMPED ROCK FILL, TYPE C	
				1			1		606	35010	1	EACH	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 1	

GENERAL SUMMARY

DESIGN AGENCY
DISTRICT 3



ENGINEERING
 TEAM ONE

DESIGNER
 KCK

REVIEWER
 JLL 11-01-22


PROJECT ID
 91101

SHEET TOTAL
 P.016 54

SHEET NUM.						PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
9	10	12	19	45	01/NHS/05	02/NHS/14	03/SAE/05							
												STRUCTURE REPAIR (SFN 7001037)		
				11				11	202	11300	11	CY	PORTIONS OF STRUCTURE REMOVED	
				2				2	202	47200	2	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED FOR REUSE	
				259				259	509	10000	259	LB	EPOXY COATED STEEL REINFORCEMENT	
				50				50	509	20001	50	LB	CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN	44
				11				11	511	34444	11	CY	CLASS QC2 CONCRETE, BRIDGE DECK	
				127				127	512	10100	127	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
				2				2	606	35010	2	EACH	BRIDGE TERMINAL ASSEMBLY REBUILT, TYPE 1	
				3				3	621	54001	3	EACH	RAISED PAVEMENT MARKER REMOVED, AS PER PLAN	44
													MAINTENANCE OF TRAFFIC	
		250						250	614	11110	250	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
	10							10	614	12484	10	EACH	WORK ZONE INCREASED PENALTIES SIGN	
25								25	614	13000	25	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
	20							20	614	18601	20	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	10
			17.1					17.1	614	20560	17.1	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	
			17.1					17.1	614	22360	17.1	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (WHITE)	
			17.1					17.1	614	22360	17.1	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT (YELLOW)	
			3,864					3,864	614	23690	3,864	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT	
			94					94	614	26610	94	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
50								50	808	18700	50	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY	
													INCIDENTALS	
								LS	614	11000	LS		MAINTAINING TRAFFIC	
								5	619	16010	5	MNTH	FIELD OFFICE, TYPE B	
								LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
								LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY
DISTRICT 3



ENGINEERING
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 JLL 11-01-22

PROJECT ID
 91101

SHEET TOTAL
 P.017 | 54