

**UTILITIES**

THERE ARE NO EXISTING UNDERGROUND UTILITY FACILITIES SHOWN ON THE PLANS, NOR WILL ANY EXISTING UNDERGROUND UTILITY FACILITIES BE RELOCATED FOR THE PROJECT. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY UTILITIES THAT MAY EXIST WITHIN THE WORK AREA. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY POTENTIAL UTILITY CONFLICTS, BY VISUAL INSPECTION AND BY CONTACTING THE OHIO UTILITIES PROTECTION SERVICE (OHIO 811) FOR FIELD MARKING OF THE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT AND COORDINATE WITH THE OWNERS TO RESOLVE ALL UTILITY CONFLICTS PRIOR TO CONSTRUCTION OR, WITH THE APPROVAL OF THE PROJECT ENGINEER, THE CONTRACTOR SHALL ADJUST THE PROJECT CONSTRUCTION ACCORDINGLY, SO AS TO AVOID DAMAGE TO THE EXISTING UTILITY FACILITIES.

THE UTILITY CONTACT INFORMATION FOR THE PROJECT CAN BE OBTAINED THROUGH THE ODOT DISTRICT 9 UTILITY COORDINATOR AT 740-774-9075.

**EXISTING AND PROPOSED PLANS**

EXISTING PLANS ENTITLED JAC-35-8.49 AND JAC-35-8.35 MAY BE INSPECTED IN THE ODOT DISTRICT 9 OFFICE IN CHILLICOTHE.

**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.

**RPM**

IN ADDITION TO CMS 621.03, RPM'S SHALL NOT BE INSTALLED ON BRIDGES OR APPROACH SLABS OF STRUCTURES WITH A CONCRETE WEARING SURFACE. INSTALL RPM'S IN THE ASPHALT CONCRETE BEFORE AND AFTER THE SUPERSTRUCTURE.

**INTERIM COMPLETION DATES FOR PAVEMENT PLANING**

TRAFFIC SHALL NOT BE REQUIRED TO USE ANY PLANED ROADWAY SURFACE FOR MORE THAN TWENTY-ONE (21) CALENDAR DAYS. SHOULD THE CONTRACTOR FAIL TO MEET THIS REQUIREMENT, DISINCENTIVES SHALL BE ASSESSED IN THE AMOUNT OF \$1000 FOR EACH CALENDAR DAY OR PORTION THEREOF BEYOND THE 21 CALENDAR DAYS.

**PROFILE AND ALIGNMENT**

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED MICROSURFACING OVERLAY AS SHOWN ON THE TYPICAL SECTION.

**ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN**

THE INTENT OF ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR IS TO REPLACE AREAS OF DETERIORATED SURFACE PAVEMENT AS DESIGNATED BY THE ENGINEER IN ADDITION TO THE REMOVAL OF NON-STRUCTURE RELATED CONCRETE SURFACE PAVEMENT AND TO REPLACE WITH AN ASPHALT CONCRETE SURFACE.

ALL CONSTRUCTION REQUIREMENTS OF 2019 CMS 251 SHALL APPLY. THE MINIMUM DIMENSION FOR TRANSVERSE REPAIRS SHALL BE 4.0'. THE MINIMUM DIMENSION FOR LONGITUDINAL REPAIRS SHALL BE 2.0'. THIS ITEM SHALL COMMENCE PRIOR TO RESURFACING.

MATERIAL FOR REPAIR AREAS SHALL BE ITEM 442 SURFACE COURSE, 19MM, TYPE A (448) TO BE INSTALLED IN 2 LIFTS FOLLOWING THE APPLICATION OF ITEM 407 TACK COAT. FOR REPAIR AREAS BEING INSTALLED ON EXISTING CONCRETE, USE A RUBBERIZED TACK COAT. REMOVE EXISTING SURFACE TO A UNIFORM DEPTH OF 3.00", TRIM AS NEEDED WHERE ROUNDED TO PROVIDE VERTICAL FACES ALONG THE PERIMETER OF THE REPAIR AREA. THOROUGHLY COMPACT ENTIRE AREA.

PAYMENT FOR ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED IN THE SQUARE YARD CONTRACT PRICE FOR ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DESIGNATED BY THE ENGINEER:

ITEM 251, PARTIAL DEPTH REPAIR (442), AS PER PLAN 1000 SY

**ITEM 253 - PAVEMENT REPAIR, AS PER PLAN**

THE INTENT OF ITEM 253 - PAVEMENT REPAIR IS TO REPLACE AREAS OF FAILED PAVEMENT JOINTS AS DESIGNATED BY THE ENGINEER.

ALL CONSTRUCTION REQUIREMENTS OF 2019 CMS 251 SHALL APPLY. THE TYPICAL DIMENSIONS FOR THE REPAIRS SHALL BE 6.0' BY 24.0' BY 14" DEEP. THIS ITEM SHALL COMMENCE PRIOR TO RESURFACING.

MATERIAL FOR REPAIR AREAS SHALL BE TWO LIFTS OF ITEM 301 ASHPLAT CONCRETE BASE COURSE, FOLLOWED BY TWO LIFTS OF ITEM 442 SURFACE COURSE, 19MM, TYPE A (448). TRIM AS NEEDED WHERE ROUNDED TO PROVIDE VERTICAL FACES ALONG THE PERIMETER OF THE REPAIR AREA. THOROUGHLY COMPACT ENTIRE AREA.

PAYMENT FOR ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED IN THE SQUARE YARD CONTRACT PRICE FOR ITEM 253, PAVEMENT REPAIR, AS PER PLAN.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DESIGNATED BY THE ENGINEER BASED ON AN ESTIMATED 10 LOCATIONS:

ITEM 253, PAVEMENT REPAIR, AS PER PLAN

160 SY

**ITEM 617 - COMPACTED AGGREGATE**

THE FOLLOWING ESTIMATED QUANTITY OF ITEM 617 - COMPACTED AGGREGATE HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE TO FILL ANY LOW BERM AREAS AS DESIGNATED BY THE ENGINEER.

ITEM 617 - COMPACTED AGGREGATE 150 CY

**ITEM 897 - PATCHING PLANED SURFACE**

THE FOLLOWING ESTIMATED QUANTITY OF 20% OF THE PLANED SURFACE HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR PATCHING PLANED SURFACE AS DESIGNATED BY THE ENGINEER:

ITEM 897 - PATCHING PLANED SURFACE 669 SQ. YD.

**ITEM 897 - PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN**

WORK SHALL CONFORM TO SECTION 897 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

**0.75" PLANING UNDER OVERHEAD BRIDGES:**

PLAN INTENT IS TO MAINTAIN THE EXISTING VERTICAL CLEARANCE UNDER THE OVERHEAD BRIDGE JAC-35-0909 FOR ALL LANES OF TRAFFIC AND TO PROVIDE A SMOOTH RIDING PAVEMENT TRANSITION AT EACH END OF PLANING BY REMOVING 0.75" OF THE EXISTING PAVEMENT AND PAVED SHOULDERS FOR THE PLACEMENT OF A DOUBLE MICORSURFACE COURSE OF ITEM 421.

BEFORE STARTING THIS PAVEMENT PLANING WORK, THE CONTRACTOR SHALL ESTABLISH THE EXISTING PAVEMENT ELEVATIONS AT THE LANE LINE AND AT BOTH EDGE LINES AT A MINIMUM OF 10 FOOT INTERVALS STARTING 50 FEET PRIOR TO THE STRUCTURE AND CONTINUING TO 50 FEET PAST THE STRUCTURE WHICH SHALL NOT CONTAIN THE TRANSITION AREAS.

AFTER COMPLETION OF THE ASPHALT CONCRETE SURFACE COURSE, THE CONTRACTOR SHALL ESTABLISH THE COMPLETED ELEVATIONS AT THE LANE LINE AND AT BOTH EDGE LINES FOR THE SAME LOCATIONS THAT THE EXISTING ELEVATIONS WERE TAKEN. THE CONTRACTOR SHALL PERFORM CORRECTIVE WORK TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST WHEN THE COMPLETED ELEVATIONS ARE HIGHER THAN THE EXISTING ELEVATIONS.

**DETECTOR LOOPS**

EXISTING DETECTOR LOOPS AT THE US-35 10.74 MILE MARKER IN THE EASTBOUND DIRECTION SHALL NOT BE DISTURBED BY THE PROPOSED MICROSURFACING.

THE CONTRACTOR SHALL NOTIFY ODOT, OFFICE OF TECHNICAL SERVICES ONE WEEK PRIOR TO THE INSTALLATION OF ITEM 421 - MICROSURFACING LEVELING COURSE IN ADDITION TO NOTIFICATION FOLLOWING THE COMPLETION OF ITEM 421 - MICROSURFACING SURFACE COURSE.

CONTACT: SANDY MAPEL (614) 644-0291

RECALIBRATION OF THE ELECTRICAL DEVICE SHALL TAKE PLACE BY ODOT, OFFICE OF TECHNICAL SERVICES FOLLOWING THE INSTALLATION OF THE SURFACE COURSE.

DESIGN AGENCY



DESIGNER

EMB

REVIEWER

DMB

PROJECT ID

114766

SHEET TOTAL


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SHEET NUM.														PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	
8	9	3	4	5	6	8	9	10	13					01/NHS/PV	02/NHS/BR							
														1,000		832	30000	1,000	EACH	<b>EROSION CONTROL</b>		
																					<b>PAVEMENT</b>	
		1,000												1,000		251	01021	1,000	SY	PARTIAL DEPTH PAVEMENT REPAIR (442), AS PER PLAN	3	
126,818		160				126,818								160		253	01001	160	SY	PAVEMENT REPAIR, AS PER PLAN	3	
126,818						126,818								126,818		421	10020	126,818	SY	MICROSURFACING, LEVELING COURSE		
		150												150		421	10010	126,818	SY	MICROSURFACING, SURFACE COURSE		
																617	10100	150	CY	COMPACTED AGGREGATE		
10.46						10.46								10.46		618	40600	10.46	MILE	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)		
3,343						3,343								3,343		897	01011	3,343	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A, AS PER PLAN 0.75"	3	
		669												669		897	02000	669	SY	PATCHING PLANED SURFACE		
																					<b>TRAFFIC CONTROL</b>	
									487					487		621	00100	487	EACH	RPM		
									487					487		621	54000	487	EACH	RAISED PAVEMENT MARKER REMOVED		
	122													122		644	00500	122	FT	STOP LINE		
	18.68													18.68		644	30030	18.68	MILE	REMOVAL OF PAVEMENT MARKING		
	0.34													0.34		807	12010	0.34	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6"		
	0.17													0.17		807	12110	0.17	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"		
	12													12		807	14010	12	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, EDGE LINE, 6"		
	5.21													5.21		807	14110	5.21	MILE	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, LANE LINE, 6"		
	2,006													2,006		807	14310	2,006	FT	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, CHANNELIZING LINE, 12"		
	2,919													2,919		807	14410	2,919	FT	WET REFLECTIVE THERMOPLASTIC PAVEMENT MARKING, DOTTED LINE, 6"		
	17.21													17.21		850	10010	17.21	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)		
	2,006													2,006		850	10130	2,006	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)		
	0.51													0.51		850	20010	0.51	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (CONCRETE)		
																					<b>STRUCTURE OVER 20 FOOT SPAN (JAC-35-0959L, SFN: 4000226)</b>	
									40						40	516	14600	40	FT	STRUCTURAL JOINT OR JOINT SEALER, MISC.: X.J.S EXPANSION JOINT SYSTEM	12	
									2						2	519	12304	2	SY	PATCHING CONCRETE BRIDGE DECK - TYPE C		
																					<b>STRUCTURE OVER 20 FOOT SPAN (JAC-35-0959R, SFN: 400234)</b>	
									40						40	516	14600	40	FT	STRUCTURAL JOINT OR JOINT SEALER, MISC.: X.J.S. EXPANSION JOINT SYSTEM	12	
																					<b>STRUCTURE OVER 20 FOOT SPAN (JAC-35-1049L, SFN: 4000250)</b>	
									41						41	512	10300	41	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN		
									813						813	512	10400	813	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS		
									10						10	519	12304	10	SY	PATCHING CONCRETE BRIDGE DECK - TYPE C		
																					<b>STRUCTURE OVER 20 FOOT SPAN (JAC-35-1049R, SFN: 4000269)</b>	
									41						41	512	10300	41	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN		
									813						813	512	10400	813	SY	TREATING OF CONCRETE BRIDGE DECK WITH SRS		
									2						2	519	12304	2	SY	PATCHING CONCRETE BRIDGE DECK - TYPE C		
																					<b>MAINTENANCE OF TRAFFIC</b>	
														30		614	11110	30	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE		
														6		614	12460	6	EACH	WORK ZONE MARKING SIGN		
					14									14		614	12484	14	EACH	WORK ZONE INCREASED PENALTIES SIGN		
					6									6		614	18600	6	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN		
														15.9		614	20560	15.9	MILE	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT		
														0.55		614	22210	0.55	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I		
														6,018		614	23690	6,018	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT		
														2,880		614	24402	2,880	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I		
														366		614	26610	366	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT		
									30					30		808	18700	30	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY		
																					<b>INCIDENTALS</b>	
																					MAINTAINING TRAFFIC	
																					CONSTRUCTION LAYOUT STAKES AND SURVEYING	
																					MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER  
**EMB**

REVIEWER  
**DMB**

PROJECT ID  
**114766**

SHEET TOTAL  
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