

**ALIGNMENT AND PROFILE**

THE WORK PROPOSED BY THIS PROJECT CONSISTS OF REPAIRING THE EXISTING CONCRETE PAVEMENT. THE ALIGNMENT OF THE EXISTING PAVEMENT WILL NOT BE CHANGED AND THE PROFILE OF THE PROPOSED SURFACE WILL BE SIMILAR TO THAT OF THE EXISTING PAVEMENT.

**COORDINATION OF WORK:**

- MOT-35-14.04 (PID 109710)
- MOT-35-15.07 (PID 108102)
- D07-BP-FY22 (PID 105404)
- MOT-75-(10.44)(10.78) (PID 91606)
- MOT-75-11.25 (PID 101160)

THE CONTRACTOR IS ADVISED THAT ADJACENT CONSTRUCTION PROJECTS WITHIN OR NEAR THE WORK LIMITS OF THIS PLAN MAY IMPACT THE PROJECT SCHEDULE, SEQUENCE OF CONSTRUCTION AND/OR TRAFFIC CONTROL BETWEEN ADJACENT ZONES. THE CONTRACTOR IS REQUIRED TO COORDINATE ALL MAINTENANCE OF TRAFFIC OPERATIONS WITH ADJACENT CONSTRUCTION PROJECTS. COOPERATION WITH THE ENGINEER, INSPECTORS AND ALL OTHER CONTRACTORS ON OR ADJACENT TO THE PROJECT IS REQUIRED PER CMS 105.08.

**ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC 1, AS PER PLAN**

THE REPAIRS SHALL BE CONSTRUCTED AS PER SCD BP-2.5. ALL REPAIR AREAS SHALL BE DETERMINED BY THE PROJECT ENGINEER BEFORE BEGINNING WORK. REPAIR AREAS SHALL BE REPLACED TO MATCH THE EXISTING PAVEMENT ELEVATION. NEW CONCRETE SURFACES SHALL BE TEXTURED PER CMS 451.10. THE CONTRACTOR SHALL NOT REMOVE MORE PAVEMENT THAN WHAT CAN BE REPLACED THAT WORK SHIFT.

**ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC MS, AS PER PLAN**

THE REPAIRS SHALL BE CONSTRUCTED AS PER SCD BP-2.5. ALL REPAIR AREAS SHALL BE DETERMINED BY THE PROJECT ENGINEER BEFORE BEGINNING WORK. REPAIR AREAS SHALL BE REPLACED TO MATCH THE EXISTING PAVEMENT ELEVATION. NEW CONCRETE SURFACES SHALL BE TEXTURED PER CMS 451.10. THE CONTRACTOR SHALL NOT REMOVE MORE PAVEMENT THAN WHAT CAN BE REPLACED THAT WORK SHIFT.

**ITEM 623 - CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN**

CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DOCUMENT THE LAYOUT OF THE EXISTING PAVEMENT INCLUDING EXISTING ALIGNMENT, PROFILE, PAVEMENT EDGE LOCATIONS AND ELEVATIONS IN A LOG FOR THE IR 75 TO US 35 WESTBOUND RAMP REPAIR AREAS AND SUBMIT TO THE DEPARTMENT FOR ACCEPTANCE. THE DEPARTMENT WILL NOT ALLOW THE CONTRACTOR TO PERFORM ANY PAVEMENT WORK FUNCTIONS UNTIL ACCEPTANCE OF THE SUBMITTED EXISTING PAVEMENT.

THE CONTRACTOR SHALL COORDINATE AND CORRABORATE THE PROPOSED LAYOUT OF ALL PAVEMENT AND APPLICABLE STANDARD CONSTRUCTION DRAWINGS WITH ODOT.

**ITEM 258 - RETROFIT DOWEL BAR**

THIS PAY ITEM IS TO BE USED TO REPAIR TRANSVERSE CRACKS. THE REPAIRS SHALL BE CONSTRUCTED AS PER SCD BP-2.6. THE CRACKS TO BE REPAIRED ARE TO BE MARKED BY THE ENGINEER.

PAYMENT FOR THIS ITEM OF WORK SHALL INCLUDE ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED FOR ITEM 258 RETROFIT DOWEL BAR .

**ITEM 255 - FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT, CLASS QC FS, AS PER PLAN**

THE REPAIRS SHALL BE CONSTRUCTED AS PER SCD BP-2.5. ALL REPAIR AREAS SHALL BE DETERMINED BY THE PROJECT ENGINEER BEFORE BEGINNING WORK. REPAIR AREAS SHALL BE REPLACED TO MATCH THE EXISTING PAVEMENT ELEVATION. NEW CONCRETE SURFACES SHALL BE TEXTURED PER CMS 451.10. THE CONTRACTOR SHALL NOT REMOVE MORE PAVEMENT THAN WHAT CAN BE REPLACED THAT WORK SHIFT.

**PAVEMENT MARKINGS**

THE QUANTITIES PROVIDED IN THE GENERAL SUMMARY ARE INTENDED TO BE USED TO REPLACE THE MARKINGS AND RPMS THAT HAVE BEEN REMOVED OR DAMAGED FROM THE PAVEMENT REPAIRS.

- ITEM 614 - WORK ZONE LANE LINE, CLASS I, 6" 642 PAINT = 0.25 MILE
- ITEM 614 - WORK ZONE EDGE LINE, CLASS I, 6" 642 PAINT = 0.50 MILE
- ITEM 621 - RPM = 20 EACH
- ITEM 621 - RAISED PAVEMENT MARKER REMOVED = 20 EACH
- ITEM 646 - EDGE LINE, 6" = 0.25 MILE
- ITEM 646 - LANE LINE, 6" = 0.50 MILE
- ITEM 646 - CHANNELIZING LINE, 12" = 500 FT
- ITEM 646 - DOTTED LINE, 6" = 200 FT

**ITEM 530 SPECIAL - STRUCTURES MISC.: CLEANING OF JOINTS FOR FULL WIDTH OF THE BRIDGE**

THE CONTRACTOR SHALL FURNISH ALL MATERIAL, EQUIPMENT, LABOR AND INCIDENTAL ITEMS NECESSARY TO PROPERLY REMOVE AND DISPOSE OF ALL DEBRIS AND OTHER FOREIGN MATERIAL FROM THE EXPANSION JOINTS BY POWER SWEEPING, SCRAPING, ETC. FOLLOWED BY POWER WASHING WITH WATER. THE FOLLOWING PROCEDURE SHALL BE USED:

- 1) REMOVE AND COLLECT LOOSE DEBRIS FROM THE JOINTS PRIOR TO INTRODUCING WATER. CARE SHOULD BE TAKEN WHEN BREAKING UP DEBRIS IN THE JOINTS IN ORDER NOT TO DAMAGE THE ELASTOMERIC SEAL (IF PRESENT).
- 2) SWEEP AND COLLECT SAND, DEBRIS AND SEDIMENT FROM THE JOINTS BY VACUUMING WASH WATER USING A VACUUM TRUCK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE WATER SUPPLY USED DURING THE SWEEPING AND CLEANING OPERATION. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DISPOSAL OF ANY DEBRIS COLLECTED DURING OPERATIONS IN ACCORDANCE WITH C&MS 105.16. DISCHARGING TO OR COLLECTING POTABLE WATER FROM STREAMS IS PROHIBITED.

PAYMENT FOR ALL OF THE AFOREMENTIONED WORK WILL BE MADE AT THE CONTRACT BID PRICE PER BRIDGE AS FOLLOWS:

ITEM 530 SPECIAL - STRUCTURE, MISC.: CLEANING OF JOINTS FOR THE FULL WIDTH OF THE BRIDGE 7 EACH

FOR ESTIMATING PURPOSES ONLY, LISTED BELOW ARE THE STRUCTURES AND THE APPROXIMATE LENGTHS OF THE EXPANSION JOINTS THAT ARE TO BE CLEANED:

MOT-35-14.41	=	105 FT
MOT-35-14.73 L	=	134 FT.
MOT-35-14.73 R	=	134 FT.
MOT-35-14.81 L	=	234 FT.
MOT-35-14.81 R	=	230 FT.
MOT-35-14.91 L	=	135 FT.
MOT-35-14.91 R	=	137 FT.
TOTAL	=	1109 FT.

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GENERAL NOTES

MOT - 35 - 14.04



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PARTICIPATION	ROUTE	TYPICAL SECTION	LOCATION		LENGTH (L)		NUMBER OF MID SLAB CRACKS REPAIRED WITH ROB	NUMBER OF SLAB REPAIRS	255				258	SPECIAL						
			SLM		MILE	FT			FT	SY	SY	SY		SY	FT	EACH	FT			
			FROM	TO																
			FROM BEGIN PROJECT TO JAMES MCGEE BLVD.																	
1	US 35 WB	S1, RD, PJ	14.04	14.41			22	13			402	910		132	57					
1	US 35 EB	S1, RD, PJ	14.04	14.41			25	41			1298	2870		150	57					
			FROM JAMES MCGEE BLVD. TO DUNBAR ST.																	
1	US 35 WB	S2, RD, PJ	14.41	14.73			36	19			427	1102		216	66					
1	US 35 EB	S2, RD, PJ	14.41	14.73			34	18			418	1083		204	66					
			FROM DUNBAR ST. TO BROADWAY ST.																	
1	US 35 WB	RD, PJ	14.73	14.91			22	1			23	58		132	264					
1	US 35 EB	RD, PJ	14.73	14.91			18							108	264					
			FROM BROADWAY ST. TO END PROJECT																	
1	US 35WB	S4, RD, PJ	14.91	15.07			5	18			354	972		30	66					
1	US 35 EB	S2, RD, PJ	14.91	15.07			39	4			75	184		234	71					
			US 35 X JAMES MCGEE BLVD INTERCHANGE																	
1		WB ENTRANCE RAMP S3, RD					3	11			255	726		18						
1		WB EXIT RAMP RD					5							30						
1		EB EXIT RAMP S3, RD					4	6			145	396		24						
1		EB ENTRANCE RAMP RD					3							18						
			US 35 X IR 75 INTERCHANGE																	
1		WB DUAL ENTRANCE RAMPS S5						144				2882	7776							
<b>LEGEND FOR AUXILLARY AREAS IN 'TYPICAL' COLUMN</b>								<b>PART.</b>	<b>SUBTOTALS</b>											
S1: 23' X 12' SLAB REPLACEMENTS - US 35 WEST OF JAMES MCGEE								1	429	2938	2882	16077		1296		911				
S2: 17' X 12' SLAB REPLACEMENTS - US 35 EAST OF JAMES MCGEE																				
S3: 17' X 16' SLAB REPLACEMENTS - JAMES MCGEE RAMPS																				
S4: 15' X 12' SLAB REPLACEMENTS - US 35 WB LARGE AREA 300' X 12'																				
S5: 15' X 12' SLAB REPLACEMENTS -IR 75 ENT RAMPS LARGE AREA 1080' X 24'																				
RD:RETROFIT DOWEL BAR PJ: PRESSURE RELIEF JOINT REPLACEMENT																				
<b>TOTALS CARRIED TO GENERAL SUMMARY</b>									429	2938	2882	16077		1296		911				

CALCULATED TMK CHECKED CWV
PAVEMENT SUBSUMMARY
MOT - 35 - 14.04
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