

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 THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

AT&T LONG DISTANCE
C/O METROPOLITAN COMMUNICATIONS GROUP
CHAD HARKNESS
CELL- 770 584 7083
155 COMMERCE PARK DR., SUITE 1
WESTERVILLE, OH 43082
CHAD.HARKNESS@MCGFIBER.COM

CITY OF HUBBARD, OHIO - ELECTRIC & WATER
ATTN: EDWARD PALESTRO, JR.
220 WEST LIBERTY ST.
HUBBARD, OHIO 44425
330-534-6281
330-509-3720 CELL
LINE1023EP@SBCGLOBAL.NET

DIVERSIFIED OIL & GAS CORPORATION
(AKA M & R INVESTMENTS OHIO LLC)
ATTN: TOM VOSICK
1026A COOKSON AVENUE SE
NEW PHILADELPHIA, OH 44663
330-432-4869
TVOSICK@DGASOIL.COM

DOMINION EAST OHIO
ATTN: MICAH RISACHER
320 SPRINGSIDE DRIVE, SUITE 320
AKRON, OH 44333
330-664-2638
440-371-1533 CELL
MICAH.J.RISACHER@DOMINIONENERGY.COM

OHIO EDISON (DISTRIBUTION)
ATTN: MIKE BECK
730 SOUTH AVENUE
YOUNGSTOWN, OH 44502
330-740-7704
330-501-1078 CELL
BECKM@FIRSTENERGYCORP.COM

OHIO EDISON (TRANSMISSION)
FIRST ENERGY SERVICE COMPANY
ATTN: RYAN GRADY
330 252-6379
330 413-2046 CELL
RGRADY@FIRSTENERGYCORP.COM

UTILITY PIPELINE
ATTN: KEVIN KOMARA
4100 HOLIDAY ST NW, SUITE 201
CANTON, OHIO 44718
330-498-9130
KKOMARA@UTILITYPIPELINE.LTD.COM

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY AS SHOWN ON THE TYPICAL SECTIONS.

PAVEMENT MARKING LANE WIDTHS

THE NORMAL LANE WIDTH FOR THE PAVEMENT MARKINGS ON THIS PROJECT SHALL BE AS FOLLOWS [AT LEAST 3 DAYS PRIOR TO PERFORMING THE WORK CONTACT THE TRAFFIC OFFICE AT 330-786-3147 TO CONFIRM THE WIDTHS]:

ROUTE	S.L.M. TO	S.L.M.	LANE WIDTH
I-80 EB	8.56	12.33	12'
I-80 WB	8.56	12.33	12'

PAVEMENT MARKING DETAILS

THE PAVEMENT MARKING DETAIL SHEETS WILL BE SUPPLIED TO THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING.

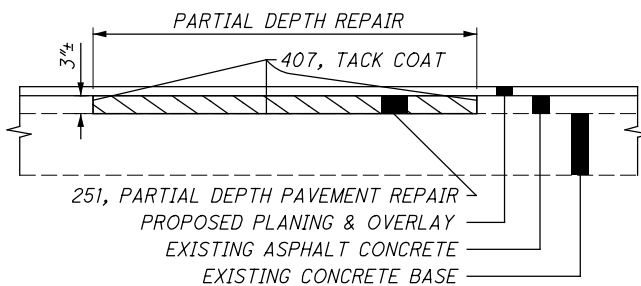
PAVEMENT MARKING DETAILS

THE PAVEMENT MARKING DETAIL SHEETS WILL BE SUPPLIED TO THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING. 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.

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. THE ASPHALT CONCRETE SHALL BE COMPACTED WITH A TYPE I PNEUMATIC TIRE ROLLER AND A STEEL WHEEL ROLLER AS PER 401.13. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. THE ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THIS ITEM SHALL BE PERFORMED AFTER THE COMPLETION OF MAINLINE PAVEMENT PLANING. ALSO, THIS ITEM SHALL COMMENCE WITHIN 3 DAYS OF THE COMPLETION OF MAINLINE PAVEMENT PLANING. 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), 5,000 SQ. YD.



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.

TRAFFIC COUNTERS

THE CONTRACTOR WILL CONTACT THE TRAFFIC MONITORING SECTION, FIELD MANAGER AT 614-275-1382, FOURTEEN (14) CALENDAR DAYS PRIOR TO WORK INVOLVING THE TRAFFIC DATA COLLECTION SITE AT SLM 10.77.

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.

ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5mm, TYPE A (447), AS PER PLAN

703.05 DO NOT USE COARSE AGGREGATE FROM A SOURCE DESIGNATED 'SR' OR 'SRH' ACCORDING TO THE OFFICE OF MATERIALS MANAGEMENT (OMM) IN ANY JOB MIX FORMULA (JMF) FOR THIS ITEM.

ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN

IN LOW SHOULDER AREAS EXCEEDING 1", AND ADJACENT TO THE SAFETY EDGE, OR AS DIRECTED BY THE ENGINEER, RECYCLED ASPHALT PAVEMENT (RAP) SHALL BE USED IN AREAS ADJACENT TO THE PAVED BERM. THE RAP SHALL HAVE A MINIMUM PG CONTENT OF 4.5% AND MEET THE FOLLOWING GRADATION. ONCE THE STOCKPILE MEETS THE GRADATION, THE PG CONTENT OF THE RAP SHALL BE DETERMINED PER 441.03. THE RAP ANALYSIS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL 2 WEEKS PRIOR TO USE. METHOD OF MEASUREMENT SHALL BE AS PER 617.06. PLACEMENT AND COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 617. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 617 COMPACTED AGGREGATE, AS PER PLAN.

MODIFIED GRADATION SHALL APPLY:

SIEVE	TOTAL PERCENT PASSING
1-1/2"	100
3/4"	50-100
NO. 4	35-70
NO. 30	9-33
NO. 200	0-13

ITEM 611 - CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN

THIS ITEM OF WORK SHALL BE IN CONFORMANCE WITH ITEM 611.10.C OF THE CMS, EXCEPT THE EXISTING CATCH BASINS AND APRONS WITH OR WITHOUT RIPRAP CUT OFF WALLS, AS LISTED ON SHEET 14, WILL BE RECONSTRUCTED FROM THE SPRINGLINE UP AND INCLUDE A NEW CASTING, CONCRETE APRON WITH CUT OFF WALL, AND GRATE AS PER SCD CB-3.3.

ALL EQUIPMENT, LABOR, TOOLS, CASTINGS, CONCRETE, STEEL, GRATES, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 611 - CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN.

CLOSED REST AREA PAVEMENT MARKINGS (I-80 WB)

PAVEMENT MARKINGS IN THE EXISTING ACCELERATION AND DECELERATION LANES FOR THE CLOSED REST AREA ON I-80 WB SHALL BE REMOVED. THE MAINLINE WHITE EDGE LINE SHALL BE CARRIED THROUGH THESE LANES AND THE EXISTING MARKINGS OUTSIDE THE EDGE LINES SHALL BE REMOVED. QUANTITIES FOR NEW EDGE LINE ARE INCLUDED IN SHEET 19.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

DECELERATION LANE (FROM BEGINNING TO EXISTING GATE) SLM 11.64 - 11.83	
646, REMOVAL OF PAVEMENT MARKING	575 FT
646, REMOVAL OF PAVEMENT MARKING	0.26 MI

ACCELERATION LANE (FROM GRASS GORE TO END)

SLM 11.04 - 11.33	
646, REMOVAL OF PAVEMENT MARKING	675 FT
646, REMOVAL OF PAVEMENT MARKING	0.31 MI

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.

SEEDING AND MUNCHING, FERTILIZER AND LIME WILL BE PERFORMED WITHIN A PERIOD NOT TO EXCEED 10 DAYS AFTER THE LINEAR GRADING.

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, 796 STA.	
659, SEEDING AND MULCHING, 22,112 SQ YD	
659, COMMERCIAL FERTILIZER, 2.98 TON	
659, LIME, 4.56 ACRES	
659, WATER, 119.4 M. GAL.	

ENHANCED WRONG-WAY TRAFFIC CONTROL FOR RAMPS

WRONG-WAY SIGNAGE ON RAMP B SHALL CONFORM TO SCD TC-73.20. THE CONTRACTOR SHALL PLACE ONE ASSEMBLY WITH SIGN R5-1a (WRONG WAY) AS PER THE SCD. NO OTHER ADDITIONAL SIGNAGE IS NECESSARY ON RAMP B. THE FOLLOWING ESTIMATED QUANTITIES ARE GIVEN FOR EACH ASSEMBLY:

630, GROUND MOUNTED SUPPORT, NO. 2 POST	21 FT
630, SIGN POST REFLECTOR	4 EA
630, SIGN, FLAT SHEET (TWO R5-1a)	17.5 SF

CALCULATED
MJP
CHECKED
PD

GENERAL NOTES

TRU-80-08.56

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 ELEVEN 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 ON I-80 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. TRUCK MOUNTED ATTENUATORS [TMA'S] SHALL BE USED AS SHOWN IN THE STANDARD CONSTRUCTION DRAWINGS.
5. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO HAVE SUCCESSIVE WORK ZONES UNLESS THE DISTANCE BETWEEN THE DRUMS, BARRICADES OR CONES EXCEEDS TWO (2) MILES RURAL (EAST OF SLM 10.84) OR ONE (1) MILE URBAN (WEST OF SLM 10.84).
6. 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.
7. A QUANTITY OF 20 CU. YDS. 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.
8. 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.
9. THE CONTRACTOR SHALL PLACE THE SIGNS: W8-1 [BUMP] PER OMUTCD 2C.28; W8-11 [UNEVEN LANES] PER OMUTCD 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.
10. 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.

SIGNS W8-H7 [LOOSE GRAVEL/ FRESH TAR], AND W13-1 [SPEED PLAQUE] SHALL BE PLACED PER STANDARD CONSTRUCTION DRAWING MT-97.12 (MT-97.11), AND 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.

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

PHASE I: MILLED SURFACE

- 614, WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT, 7.62 MILE
- 614, WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT, 3050 FT
- 614, WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT, 4350 FT
- 614, WORK ZONE STOP LINE, CLASS I, 642 PAINT, 50 FT
- 614, WORK ZONE MARKING SIGNS (ALL PHASES), 40 EACH

PHASE II: SURFACE COURSE

- 614, WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT, 7.62 MILE
- 614, WORK ZONE DOTTED LINE, CLASS III, 6", 642 PAINT, 3050 FT
- 614, WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT, 4350 FT
- 614, WORK ZONE STOP LINE, CLASS III, 642 PAINT, 50 FT

TO BE USED AS DIRECTED BY THE ENGINEER

- 614, WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT, 17.58 MILE

ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

- CHRISTMAS FOURTH OF JULY
- NEW YEAR'S LABOR DAY
- MEMORIAL DAY THANKSGIVING

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY TIME ALL LANES OR EVENT MUST BE OPEN TO TRAFFIC

- SUNDAY 12:00N FRIDAY THROUGH 6:00AM MONDAY
- MONDAY 12:00N FRIDAY THROUGH 6:00AM TUESDAY
- TUESDAY 12:00N MONDAY THROUGH 6:00AM WEDNESDAY
- WEDNESDAY 12:00N TUESDAY THROUGH 6:00AM THURSDAY
- THURSDAY 12:00N WEDNESDAY THROUGH 6:00AM FRIDAY
- THURSDAY (THANKSGIVING ONLY) 6:00AM WEDNESDAY THROUGH 6:00AM MONDAY
- FRIDAY 12:00N THURSDAY THROUGH 6:00AM MONDAY
- SATURDAY 12:00N FRIDAY THROUGH 6:00AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

DETOUR NOTIFICATION [ODOT/PENNDOT]

THE CONTRACTOR SHALL ADVISE THE ODOT DISTRICT OFFICE (330-786-3148) AND THE PENNDOT DISTRICT 1 OFFICE (814-678-7085) EIGHTEEN (18) DAYS IN ADVANCE OF WHEN THE DETOUR ROUTE SHOULD BE IN EFFECT. ALL WORK ZONE DEVICES REQUIRED SHALL BE FURNISHED, ERECTED, MAINTAINED, AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR. PAYMENT FOR ALL WORK ASSOCIATED WITH THE DETOUR SHALL BE INCLUDED UNDER THE LUMP SUM BID FOR ITEM 614, DETOUR SIGNING.

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.

ADVANCED NOTICE TO PAVE

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE DISTRICT CONSTRUCTION ENGINEER A DETAILED SCHEDULE 15 DAYS PRIOR TO THE PLACEMENT OF THE OVERLAY COURSES, ON HOW THEY PROPOSE TO PROSECUTE THE PAVING OPERATIONS. THE DETAILS SHALL SHOW THE ORDER OF PERFORMANCE OF EACH STAGE (START TO FINISH) OF THE WORK INCLUDING THE MAINTENANCE OF TRAFFIC THAT WILL BE USED.

ITEM 614, MAINTAINING TRAFFIC (TIME LIMITATION ON A DETOUR) (RAMP CLOSURES)

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 28 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEETS 9-12. A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$7,000 PER DAY FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

ITEM 614, MAINTAINING TRAFFIC (TIME LIMITATION ON A DETOUR) (TRU-80-1050)

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 28 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE CLOSED AS EXPLAINED ON SHEET 6 (SEE EXCEPTION TO PERMITTED LANE CLOSURE CHART). A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$20,000 PER DAY FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

TIME LIMITATION, TRAFFIC ON A MILLED SURFACE

THE MAXIMUM ALLOWABLE TIME FOR TRAFFIC TO BE PLACED ON A MILLED SURFACE SHALL BE 7 CONSECUTIVE CALENDAR DAYS. SHOULD THE CONTRACTOR FAIL TO MEET THIS REQUIREMENT, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$3,000 PER DAY THAT THE TRAFFIC IS PLACED ON A MILLED SURFACE BEYOND THE SPECIFIED LIMIT.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE		
ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
ROAD & RAMP CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERNS CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

ITEM 614, MAINTAINING TRAFFIC (LANE CLOSURE/ REDUCTION REQUIRED)

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

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MAINTENANCE OF TRAFFIC NOTES

TRU-80-08.56

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SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	6	7	8	15	16	17	18	19			01/IMS/PV	EXT	TOTAL				
ROADWAY																		
796												796	209	60200	796	STA	LINEAR GRADING	
					300							300	622	41100	300	FT	PORTABLE BARRIER, UNANCHORED	
EROSION CONTROL																		
					54							54	601	10000	54	SY	RIPRAP	
					36							36	659	00300	36	CY	TOPSOIL	
22,122					270							22,392	659	10000	22,392	SY	SEEDING AND MULCHING	
2.98					0.04							3.02	659	20000	3.02	TON	COMMERCIAL FERTILIZER	
4.56					0.06							4.62	659	31000	4.62	ACRE	LIME	
119.4					1.5							120.9	659	35000	120.9	MGAL	WATER	
												3,000	832	30000	3,000	EACH	EROSION CONTROL	
DRAINAGE																		
					9							9	611	98635	9	EACH	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	
PAVEMENT																		
5,000												5,000	251	01000	5,000	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)	
					101,863	98,678						200,541	254	01000	200,541	SY	PAVEMENT PLANING, ASPHALT CONCRETE (T = 1 1/2")	
					8,150	7,895						16,045	407	20000	16,045	GAL	NON-TRACKING TACK COAT	
					4,121	4,441						8,562	408	10001	8,562	GAL	PRIME COAT, AS PER PLAN	
					4,245	4,113						8,358	442	10301	8,358	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN	
					596	617						1,213	617	10101	1,213	CY	COMPACTED AGGREGATE, AS PER PLAN	
					9	6						15	618	40600	15	MILE	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	
TRAFFIC CONTROL																		
								520				520	621	00100	520	EACH	RPM	
								416				416	621	54000	416	EACH	RAISED PAVEMENT MARKER REMOVED	
21												21	630	02100	21	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
4												4	630	08600	4	EACH	SIGN POST REFLECTOR	
17.5												17.5	630	80100	17.5	SF	SIGN, FLAT SHEET	
									17.58			17.58	642	00104	17.58	MILE	EDGE LINE, 6", TYPE 1	
									7.62			7.62	642	00204	7.62	MILE	LANE LINE, 6", TYPE 1	
									4,350			4,350	642	00404	4,350	FT	CHANNELIZING LINE, 12", TYPE 1	
									50			50	642	00500	50	FT	STOP LINE, TYPE 1	
									4			4	642	01322	4	EACH	WRONG WAY ARROW, TYPE 1	
									3,050			3,050	642	01510	3,050	FT	DOTTED LINE, 6", TYPE 1	
1,250												1,250	646	50100	1,250	FT	REMOVAL OF PAVEMENT MARKING	
0.57												0.57	646	50300	0.57	MILE	REMOVAL OF PAVEMENT MARKING	
TRAFFIC SIGNALS																		
				LS								LS	633	99300	LS		CONTROLLER ITEM, MISC.: CONTROLLER MODIFICATION	
				2								2	809	69000	2	EACH	ADVANCE RADAR DETECTION	
				4								4	809	69100	4	EACH	STOP LINE RADAR DETECTION	
STRUCTURE REPAIRS																		
																	FOR TRU-80-0632 ESTIMATED QUANTITIES	
																	22	
																	FOR TRU-80-0742 ESTIMATED QUANTITIES	
																	22	
																	FOR TRU-80-0798 ESTIMATED QUANTITIES	
																	22	
																	FOR TRU-80-0855R ESTIMATED QUANTITIES	
																	22	
																	FOR TRU-80-0856L ESTIMATED QUANTITIES	
																	22	
																	FOR TRU-80-0905 ESTIMATED QUANTITIES	
																	22	
																	FOR TRU-80-0941L ESTIMATED QUANTITIES	
																	22	
																	FOR TRU-80-0941RL ESTIMATED QUANTITIES	
																	22	
																	FOR TRU-80-0942R ESTIMATED QUANTITIES	
																	22	
																	FOR TRU-80-0957R ESTIMATED QUANTITIES	
																	23	
																	FOR TRU-80-0958L ESTIMATED QUANTITIES	
																	23	
																	FOR TRU-80-1026 ESTIMATED QUANTITIES	
																	23	
																	FOR TRU-80-1050 ESTIMATED QUANTITIES	
																	23	
																	FOR TRU-80-1084R ESTIMATED QUANTITIES	
																	23	
																	FOR TRU-80-1085L ESTIMATED QUANTITIES	
																	23	
																	FOR TRU-80-1185 ESTIMATED QUANTITIES	
																	23	

GENERAL SUMMARY

TRU-80-08.56