

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

D04-SP-FY2024 (WEST)

PORTAGE COUNTY: EDINBURG, RAVENNA, AND
PALMYRA TOWNSHIPS

STARK COUNTY: LAWRENCE AND JACKSON TOWNSHIPS

SUMMIT COUNTY: SPRINGFIELD TOWNSHIP

FEDERAL PROJECT NUMBER

NON-FEDERAL

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

FY 2024 PAVEMENT PREVENTIVE MAINTENANCE ON
VARIOUS ROUTES IN POR, STA, AND SUM COUNTIES.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: N/A ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND
HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION
OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION
5511.02 OF THE OHIO REVISED CODE.

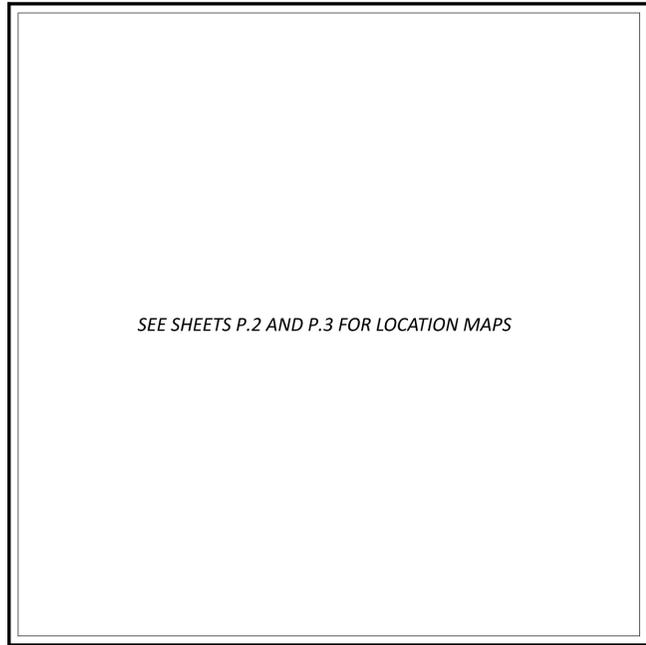
2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF
TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN
THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL
SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN
THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS
IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE
HIGHWAY EXCEPT FOR THE RAMPS AS DESCRIBED ON SHEET P.8 AND THAT
PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS
SET FORTH ON THE PLANS AND ESTIMATES.


Arthur G. Noiro Jr., P.E.
District 04 Deputy Director


Jack Marchbanks, PhD
Director, Department of Transportation



LOCATION MAP

LATITUDE: 40°48'46" LONGITUDE: 81°31'33"



DESIGN DESIGNATION

ROUTE	NHS	DESIGN FUNCTIONAL CLASSIFICATION
ATB-90	NO	FREEWAYS AND EXPRESSWAYS
ATB-193	NO	MAJOR COLLECTOR
MAH-680	NO	FREEWAYS AND EXPRESSWAYS
MAH-14	NO	MINOR ARTERIAL
MAH-534	NO	MAJOR COLLECTOR
TRU-45	NO	MINOR ARTERIAL

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

INDEX OF SHEETS:

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UNDERGROUND UTILITIES
Contact Two Working Days
Before You Dig


OHIO811.org
Before You Dig

OHIO 811. 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:
ODOT DISTRICT 4, CAPITAL PLANNING
2088 S. ARLINGTON ROAD
AKRON, OH 44306

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-2.1	1/21/22	MT-98.30	7/16/21	800-2023	01/19/24
BP-2.3	7/18/14	MT-99.20	4/19/19	821	4/20/12
BP-2.5	1/21/22	MT-101.60	1/17/20	832	7/21/23
BP-3.1	1/21/22	MT-101.90	7/17/20	888	7/21/23
		MT-105.10	1/17/20	921	4/20/12
MT-95.30	7/19/19				
MT-95.31	7/19/19	TC-41.20	10/18/13		
MT-95.32	4/19/19	TC-52.10	10/18/13		
MT-97.10	4/19/19	TC-52.20	1/15/21		
MT-97.11	1/20/17	TC-71.10	4/21/23		
MT-98.10	1/17/20	TC-72.20	7/21/23		
MT-98.11	1/17/20	TC-73.20	7/21/23		
MT-98.20	4/19/19				
MT-98.22	1/17/20				
MT-98.28	1/17/20				
MT-98.29	1/17/20				

ENGINEER'S SEAL



D04-SP-FY2024 (EAST)

MODEL: Sheet_SurvFI PAPER SIZE: 34x22 (in.) DATE: 4/12/2024 TIME: 2:55:06 PM USER: cgalan
pvc:\ohiodot-pw-bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 04_D04116096\000-Engineering\Roadway\Sheets\116096_GT001.dgn

TITLE SHEET

DESIGN AGENCY	
DESIGNER	CLG
REVIEWER	MAC MM-DD-YY
PROJECT ID	116096
SHEET	TOTAL
P.1	9

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 EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

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.

ITEM 621 - RAISED PAVEMENT MARKER REMOVED

IN AREAS WHERE THE RAISED PAVEMENT MARKER CASTINGS CANNOT BE REPLACED BECAUSE OF PAVEMENT CONDITIONS, USE THIS ITEM INSTEAD OF ITEM 621 RPM, INSTALLATION ONLY TO COMPENSATE THE CONTRACTOR FOR REMOVAL OF THE EXISTING RPM AND RESTORATION OF THE PAVEMENT.

ALL BROKEN, CRACKED, FRAGMENTED OR PARTIAL REMNANTS OF RAISED PAVEMENT MARKERS OR MISSING RAISED PAVEMENT MARKERS SHALL BE TOTALLY REMOVED AND THE PAVEMENT RESTORED AS DESCRIBED IN CONSTRUCTION AND MATERIAL SPECIFICATION ITEM 621.08.

THE FOLLOWING IS AN ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER FOR THE ABOVE WORK:

621, RAISED PAVEMENT MARKER REMOVED 50 EACH

ITEM 642 - PAVEMENT MARKINGS

THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED TO BE USED AS DIRECTED BY THE PROJECT ENGINEER TO MATCH EXISTING PAVEMENT MARKINGS.

AT THE END OF EACH DAY OF WORK, THE CONTRACTOR SHALL REPLACE ALL LANE, CENTER, STOP OR CHANNELIZING LINES THAT WERE REMOVED OR COVERED DURING THE PAVEMENT REMOVAL OR PLACING OPERATIONS.

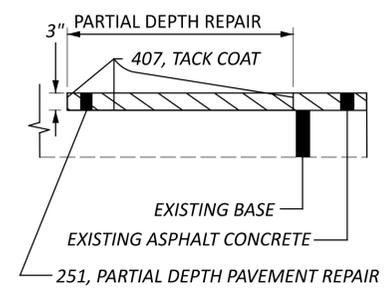
THE UNIT BID PRICES ON THESE ITEMS WILL NOT BE ADJUSTED AS PER CMS 104.02.D.

ITEM 642, EDGE LINE, 6" 5 MILES
ITEM 642, LANE LINE, 6" 2 MILES
ITEM 642, CHANNELIZING LINE, 12" 100 FT
ITEM 642, CENTER LINE 0.5 MILES

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 SURFACE COURSE, TYPE 1 (449), PG64-22. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. PAVEMENT REPAIRS WILL BE MARKED IN THE FIELD BY THE PROJECT ENGINEER ACCORDING TO CMS 251.02. MINIMUM WIDTH IS 2'. 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), 3900 SQ. YD. (3")



BREAKDOWN OF TOTAL BY LOCATION:

LOCATION 1
POR-SR 14:
(SLM 11.20 TO 18.00, RAVENNA EAST CORP TO IR-76)
ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), 1000 SQ. YD.

LOCATION 2
POR-IR 76: (TRANSVERSE JOINT REPAIRS)
(SLM 13.55 TO 19.34, EAST OF SR 14 TO EAST OF SR 225)
ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), 1500 SQ. YD.

LOCATION 4
STA-SR 236:
(SLM 5.44 TO 6.48, PORTAGE ST. NW TO STRAUSSER ST NW)
ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), 700 SQ. YD.

LOCATION 5
STA-SR 687:
(SLM 0.00 TO 0.44, FOXCHASE AVE. NW)
ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), 400 SQ. YD.

LOCATION 6
SUM-US 224:
(SLM 14.00 TO 16.00, SR 91 TO SR 532)
ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), 300 SQ. YD.

ITEM 253 - PAVEMENT REPAIR

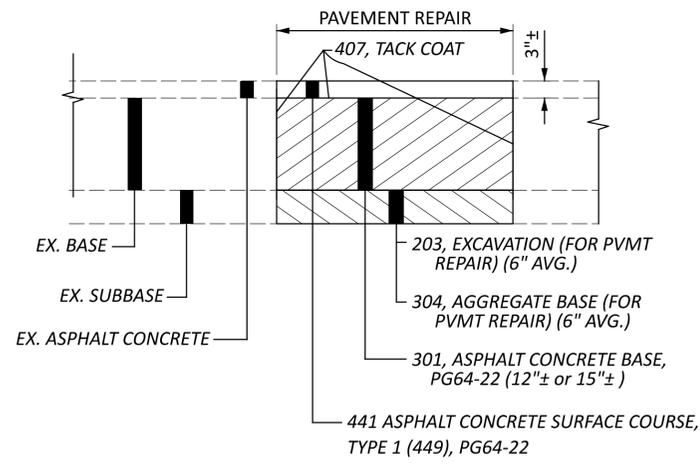
A QUANTITY OF THIS ITEM SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THIS ITEM SHALL CONSIST OF CUTTING AND REMOVING DETERIORATED PAVEMENT FULL DEPTH AND PLACING 3" OF 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG64-22 AND PLACING 301 ASPHALT CONCRETE BASE, PG64-22. THE MAXIMUM COMPACTED DEPTH OF ANY ONE LAYER SHALL BE 6 INCHES.

IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. THE ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REMOVED AND REPLACED TO THE LIMITS DESIGNATED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:
253, PAVEMENT REPAIR, 250 SQ YD (T = 15")
253, PAVEMENT REPAIR, 500 SQ YD (T = 12")

LOCATION 1
POR-SR 14: (MAINLY SHOULDER REPAIRS)
(SLM 17.31 TO 17.63)
ITEM 253, PAVEMENT REPAIR, (T = 15"), 250 SQ. YD.

LOCATION 3
POR-SR 88:
(SLM 8.00 TO 10.97, SR 303 TO CITY OF GARRETTVILLE SOUTH CORP LINE)
ITEM 253, PAVEMENT REPAIR, (T = 12"), 500 SQ. YD.



ITEM 624 - MOBILIZATION, AS PER PLAN

THE PAY REQUIREMENTS UNDER CMS ITEM 624.04.A-C WILL BE WAIVED BY THE DEPARTMENT FOR THIS PROJECT. THE DEPARTMENT FOR THIS PROJECT WILL PAY CMS ITEM 624 MOBILIZATION ON A PER LOCATION BASIS. THIS ITEM WILL BE PAID AT THE COMPLETION OF WORK AT EACH LOCATION LISTED ON THIS SHEET.
624, MOBILIZATION, AS PER PLAN, 7 EACH

ITEM 203 - EXCAVATION (FOR PAVEMENT REPAIR)

THIS ITEM OF WORK SHALL CONSIST OF REMOVING AND DISPOSING OF ALL UNSUITABLE MATERIAL BY EXCAVATING THE EXISTING SUBGRADE AND SUBBASE TO AN AVERAGE DEPTH OF 6 INCHES OR AS DIRECTED BY THE ENGINEER. EXACT LIMITS OF REMOVAL SHALL BE DETERMINED BY THE ENGINEER. ALL EQUIPMENT, LABOR, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203 EXCAVATION (FOR PAVEMENT REPAIR). THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

LOCATION 1
203, EXCAVATION (FOR PAVEMENT REPAIR) 42 CU YD
LOCATION 3
203, EXCAVATION (FOR PAVEMENT REPAIR) 84 CU YD

ITEM 304 - AGGREGATE BASE (FOR PAVEMENT REPAIR)

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN PROVIDED AND SHALL BE USED AS DIRECTED BY THE ENGINEER TO BACKFILL AREAS WHICH WERE EXCAVATED UNDER ITEM 203 EXCAVATION (FOR PAVEMENT REPAIR). THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

LOCATION 1
304, AGGREGATE BASE (FOR PAVEMENT REPAIR) 42 CU YD
LOCATION 3
304, AGGREGATE BASE (FOR PAVEMENT REPAIR) 44 CU YD

LINEAR GRADING PLAN NOTE AND ITEMS REMOVED FROM PROJECT.

DESIGN AGENCY



DESIGNER
CLG

REVIEWER

MAC MM-DD-YY

PROJECT ID
116096

SHEET TOTAL
P.4 9

ITEM SPECIAL - AS-BUILT CONSTRUCTION PLANS

PRIOR TO FINAL ACCEPTANCE OF THE WORK, THE CONTRACTOR SHALL FURNISH THE DEPARTMENT FORMAL AS-BUILT CONSTRUCTION PLANS. THE FORMAL AS-BUILT CONSTRUCTION PLANS SHALL INCLUDE ALL RED-LINED CHANGES. RED-LINE CHANGE SHALL BE DENOTED UTILIZING CLOUDING IN MICROSTATION (OR OTHER CAD SOFTWARE) OR CLOUDING IN PDF EDITING SOFTWARE. THE AS-BUILT CONSTRUCTION PLANS SHALL HAVE A SIGNED VERIFICATION ON THE TITLE SHEET FROM THE CONTRACTOR INDICATING THAT ALL RED-LINED AND FIELD CHANGES HAVE BEEN INCORPORATED INTO AS-BUILT CONSTRUCTION PLANS.

THE CONTRACTORS VERIFICATION STATEMENT INDICATES ALL KNOWN FIELD MODIFICATIONS MADE HAVE BEEN INCLUDED IN THE FORMAL AS-BUILT CONSTRUCTION PLANS. THE CONTRACTORS VERIFICATION STATEMENT SHALL BE SIGNED BY THE CONTRACTORS PROJECT MANAGER (OR ACCEPTABLE REPRESENTATIVE).

IN ADDITION TO THE INFORMATION SHOWN ON THE CONSTRUCTION PLANS, THE AS-BUILT CONSTRUCTION PLANS SHALL SHOW THE FOLLOWING:

1. ALL DEVIATIONS FROM THE ORIGINAL APPROVED CONSTRUCTION PLANS WHICH RESULT IN A CHANGE OF LOCATION, MATERIAL, TYPE OR SIZE OF WORK.
2. ANY UTILITIES, PIPES, WELLHEADS, ABANDONED PAVEMENTS, FOUNDATIONS OR OTHER MAJOR OBSTRUCTIONS DISCOVERED AND REMAINING IN PLACE WHICH ARE NOT SHOWN, OR DO NOT CONFORM TO LOCATIONS OR DEPTHS SHOWN IN THE PLANS. UNDERGROUND FEATURES SHALL BE SHOWN AND LABELED ON THE AS-BUILT CONSTRUCTION PLANS IN TERMS OF STATION, OFFSET AND ELEVATION.
3. THE FINAL OPTION AND SPECIFICATION NUMBER SELECTED FOR THOSE ITEMS WHICH ALLOW SEVERAL MATERIAL OPTIONS UNDER THE SPECIFICATION (E.G., CONDUIT).
4. CHANGES TO THE PAY ITEMS AND FINAL QUANTITIES AS PAID SHALL BE SHOWN ON THE GENERAL SUMMARY AND SUBSUMMARIES.
5. ADDITIONAL PLAN SHEETS MAY BE NEEDED IF NECESSARY TO SHOW WORK NOT INCLUDED IN THE CONSTRUCTION PLANS. IF ADDITIONAL PLAN SHEETS ARE NEEDED, THEY ARE REQUIRED TO BE PREPARED IN CONFORMANCE WITH THE LOCATION AND DESIGN MANUAL, VOLUME 3, SECTION 1200 - PLAN PREPARATION.

NOTATION SHALL ALSO BE MADE OF LOCATIONS AND THE EXTENT OF USE OF MATERIALS, OTHER THAN SOIL, FOR EMBANKMENT CONSTRUCTION (ROCK, BROKEN CONCRETE WITHOUT REINFORCING STEEL, ETC.).

THE PLAN INDEX SHALL SHOW THE PLAN SHEETS WHICH HAVE CHANGES APPEARING ON THEM.

TWO COPIES OF THE AS-BUILT CONSTRUCTION PLANS SHALL BE DELIVERED TO THE PROJECT ENGINEER FOR APPROVAL UPON COMPLETION OF THE PHYSICAL WORK BUT PRIOR TO THE REQUEST FOR FINAL PAYMENT. AFTER THE DEPARTMENT HAS APPROVED THE AS-BUILT CONSTRUCTION PLANS, THE ASSOCIATED ELECTRONIC FILES SHALL BE DELIVERED TO THE DISTRICT CAPITAL PROGRAMS ADMINISTRATOR. ACCEPTANCE OF THESE PLANS AND DELIVERY OF THE ASSOCIATED ELECTRONIC FILES IS REQUIRED PRIOR TO THE WORK BEING ACCEPTED AND THE FINAL ESTIMATE APPROVED.

PAYMENT FOR ALL THE ABOVE SHALL BE LUMP SUM UPON PROPER EXECUTION OF ALL WORK OF THIS ITEM AS DETERMINED BY THE PROJECT ENGINEER.

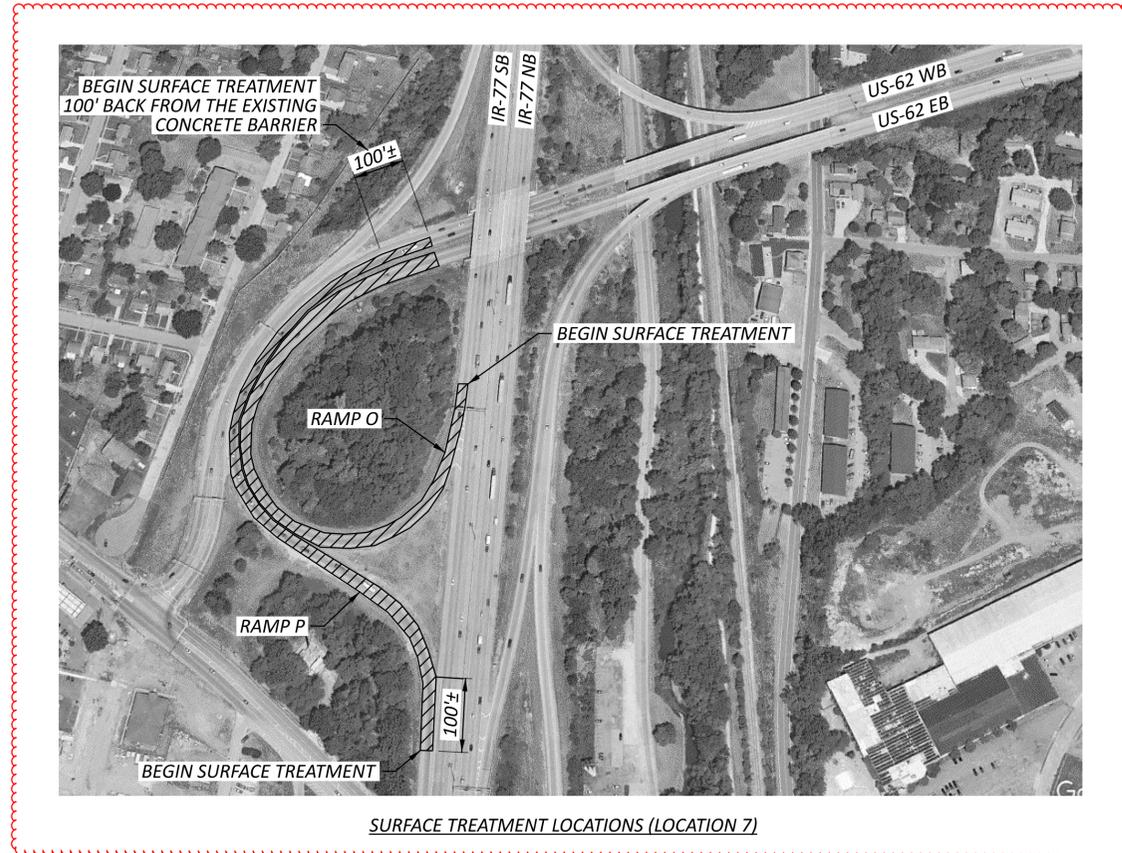
ITEM 888 - HIGH FRICTION SURFACE TREATMENT, SINGLE LIFT (LOCATION 7)

A QUANTITY OF THIS ITEM SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THE LOCATION MAP IS SHOWN BELOW. THIS ITEM SHALL CONSIST OF PAVEMENT PREPARATION AND PLACEMENT OF A HIGH FRICTION TREATMENT (HFST). THE HFST IS COMPRISED OF A LAYER OF BINDER RESIN SYSTEM (BRS) AND SURFACE APPLIED AGGREGATE.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

RAMP P: SLM 12.50 ± (IR 77)
 888, HIGH FRICTION SURFACE TREATMENT, SINGLE LIFT, 4500 SQ. YD.

RAMP O: SLM 12.50 ± (IR 77)
 888, HIGH FRICTION SURFACE TREATMENT, SINGLE LIFT, 4500 SQ. YD.



PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS: (LOCATION 7 ONLY)

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY. THEY SHALL BE PROVIDED FOR THE PURPOSE OF PAVEMENT MARKING AND RAISED PAVEMENT MARKER REMOVALS PRIOR TO SURFACE TREATMENT AND PLACEMENT OF NEW PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS AFTER THE SURFACE TREATMENT HAS BEEN COMPLETED OR AS DIRECTED BY THE ENGINEER

PRIOR TO SURFACE TREATMENT:

- ITEM 621, RAISED PAVEMENT MARKER REMOVED, 62 EACH
- ITEM 621, RAISED PAVEMENT MARKER, 62 EACH
- ITEM 642, REMOVAL OF PAVEMENT MARKING, 1.02 MILE
- ITEM 642, REMOVAL OF PAVEMENT MARKING, 1375 FT.

AFTER SURFACE TREATMENT (IF NECESSARY):

- ITEM 614, WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT, 1.02 MILE.
- ITEM 614, WORK ZONE EDGE CHANNELIZING LINE, CLASS III, 12", 642 PAINT, 1375 FT.

AFTER SURFACE TREATMENT:

- ITEM 807, WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6", 1.02 MILE
- ITEM 807, WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12", 1375 FT
- ITEM 850, GROOVING FOR 6" RECESSED PAVEMENT MARKING (ASPHALT), 1.02 MILE
- ITEM 850, GROOVING FOR 12" RECESSED PAVEMENT MARKING (ASPHALT), 1375 FT
- ITEM 621, RPM, 62 EACH

DESIGN AGENCY



DESIGNER

CLG

REVIEWER

MAC MM-DD-YY

PROJECT ID

116096

SHEET

P.5

TOTAL

9

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. FOR THREE OR MORE LANE SECTIONS: 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. FOR TWO LANE SECTIONS: A MINIMUM OF ONE TEN FOOT BIDIRECTIONAL LANE 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 TWO (2) MILES RURAL OR ONE [1] MILE URBAN.

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. 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.

10. THE CONTRACTOR SHALL INSTALL, MAINTAIN AND SUBSEQUENTLY REMOVE WORK ZONE MARKING SIGNS AND THEIR SUPPORTS WITHIN THE WORK LIMITS. THESE SIGNS INCLUDE "NO EDGE LINES", "DO NOT PASS" AND "PASS WITH CARE". ALL OTHER SIGNS WILL BE INCIDENTAL TO THE LUMP SUM PAY ITEM 614 MAINTAINING TRAFFIC UNLESS SEPARATELY ITEMIZED IN THE PLANS. A QUANTITY OF ITEM 614 WORK ZONE MARKING SIGNS HAS BEEN INCLUDED IN THE PLANS AS PER CMS 614.04.

11. 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.

12. TO ENSURE THAT WEIGHTED CHANNELIZERS WILL NOT BE BLOWN OVER OR DISPLACED BY WIND AND MOVING TRAFFIC, ALL WEIGHTED CHANNELIZERS UTILIZED ON INTERSTATES AND FREEWAYS SHALL BE FROM MANUFACTURERS ON THE OHIO DEPARTMENT OF TRANSPORTATION, OFFICE OF MATERIAL MANAGEMENT'S QUALIFIED PRODUCTS LIST (QPL) WHICH UTILIZE A MINIMUM OF A 30 POUND BALLAST.

13. DRUMS UTILIZED ON THE HIGH SIDE OF A SUPERELEVATED INTERSTATE OR FREEWAYS SHALL BE FROM MANUFACTURERS ON THE OFFICE OF MATERIAL MANAGEMENT'S QUALIFIED PRODUCTS LIST (QPL) WITH A MINIMUM BALLAST WEIGHT OF 30 POUNDS. ALL BALLASTS USED SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

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

614, WORK ZONE MARKING SIGN (ALL PHASES), 4 EACH

LANE CLOSURES

DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AS PER THE PERMITTED LANE CLOSURE CHART. THE PERMITTED LANE CLOSURE CHART USED FOR THIS PROJECT SHALL BE THE MOST CURRENT CHART AVAILABLE ON THE DATE THIS PROJECT SELLS.

THE CHART CAN BE FOUND AT:
<http://plcm.dot.state.oh.us>

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THE REQUIREMENTS IN THE CHART, THE CONTRACTOR SHALL BE ASSESSED DISINCENTIVES IN THE AMOUNT OF \$5,000 PER HOUR OF OPERATION THEREOF THAT THE LANE REDUCTION REMAINS BEYOND THE SPECIFIED LIMIT.

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.

RAMP CLOSURES

RAMPS SHALL NOT BE CLOSED CONCURRENTLY UNLESS APPROVED BY THE PROJECT ENGINEER.

REMOVED ORIGINAL BULLET NUMBER 9 WHICH INCLUDED A QUANTITY FOR ASPHALT CONCRETE FOR MAINTAINING TRAFFIC. RENUMBERED BULLET NUMBERS AFTER THIS.

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 SPECIAL EVENTS:

NEW YEAR'S (OBSERVED) GENERAL/REGULAR ELECTION DAY (NOV)
TOTAL SOLAR ECLIPSE (4/8/24) THANKSGIVING
MEMORIAL DAY CHRISTMAS (OBSERVED)
FOURTH OF JULY (OBSERVED)
LABOR DAY

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

DAY OF HOLIDAY OR SPECIAL EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
MONDAY (TOTAL SOLAR ECLIPSE)	12:00N FRIDAY THROUGH 6:00 AM WEDNESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
TUESDAY (GEN./REG. ELECTION)	5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

DURING THE SAME PERIODS, MAINTAIN PEDESTRIAN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

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

LANE VALUE CONTRACT			
DESCRIPTION OF CRITICAL LANE/ RAMP TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME PERIOD
SR-14	AS PER MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS) NOTE ABOVE	PER LANE/ PER MINUTE	\$135
IR-76	AS PER MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS) NOTE ABOVE	PER LANE/ PER MINUTE	\$255
SR-88	AS PER MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS) NOTE ABOVE	PER LANE/ PER MINUTE	\$35
SR-236	AS PER MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS) NOTE ABOVE	PER LANE/ PER MINUTE	\$20
SR-687	AS PER MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS) NOTE ABOVE	PER LANE/ PER MINUTE	\$150
US-224	AS PER MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS) NOTE ABOVE	PER LANE/ PER MINUTE	\$100
IR-77/US-62 RAMPS	AS PER MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS) NOTE ABOVE	PER LANE/ PER MINUTE	\$115

ITEM 614 - MAINTAINING TRAFFIC, AS PER PLAN

THE PAY REQUIREMENTS UNDER CMS 614.16.A MAINTAINING TRAFFIC WILL BE WAIVED BY THE DEPARTMENT FOR THIS PROJECT. THE DEPARTMENT FOR THIS PROJECT WILL PAY ITEM 614 MAINTAINING TRAFFIC ON A PER LOCATION BASIS. THE TOTAL BID AMOUNT WILL BE DIVIDED BY THE TOTAL NUMBER OF LOCATIONS (7) AND PAID AT THE COMPLETION OF EACH LOCATION. ANY REMAINING QUANTITY WILL BE PAID AT THE COMPLETION OF ALL WORK.

PAVEMENT REPAIRS NEAR SIGNALS

THE CONTRACTOR SHALL CONTACT MICHELLE CHANEY AT 330-786-2267 SHOULD ANY WORK BE DONE WITHIN 500' OF ANY SIGNAL.

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 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	>= 2WEEKS	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.



SHEET NUM.					PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
4	5	6	7	01/NFP/05	02/SAE/21							
126	LS			126	LS	203	10000	126	CY	EXCAVATION (FOR PAVEMENT REPAIR) AS-BUILT CONSTRUCTION PLANS	5	
				1,000		832	30000	1,000	EACH	EROSION CONTROL		
										ROADWAY		
										PAVEMENT		
3,900				3,900		251	01000	3,900	SY	PARTIAL DEPTH PAVEMENT REPAIR (441), (T = 3")		
500				500		253	01000	500	SY	PAVEMENT REPAIR, (T = 12")		
250				250		253	01000	250	SY	PAVEMENT REPAIR, (T = 15")		
86				86		304	20000	86	CY	AGGREGATE BASE (FOR PAVEMENT REPAIR)		
	9,000				9,000	888	10000	9,000	SY	HIGH FRICTION SURFACE TREATMENT, SINGLE LIFT		
										TRAFFIC CONTROL		
50	62			50	62	621	00100	62	EACH	RPM		
5	62			5	62	621	54000	112	EACH	RAISED PAVEMENT MARKER REMOVED		
2				2		642	00104	2	MILE	EDGE LINE, 6", TYPE 1		
0.5				0.5		642	00204	0.5	MILE	LANE LINE, 6", TYPE 1		
										MAINTENANCE OF TRAFFIC		
100				100		642	00404	100	FT	CHANNELIZING LINE, 12", TYPE 1		
1,375				1,375		642	30000	1,375	FT	REMOVAL OF PAVEMENT MARKING		
1.02				1.02		642	30030	1.02	MILE	REMOVAL OF PAVEMENT MARKING		
1.02				1.02		807	12010	1.02	MILE	WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6"		
1,375				1,375		807	12310	1,375	FT	WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12"		
1.02				1.02		850	10010	1.02	MILE	GROOVING FOR 6" RECESSED PAVEMENT MARKING, (ASPHALT)		
1,375				1,375		850	10130	1,375	FT	GROOVING FOR 12" RECESSED PAVEMENT MARKING, (ASPHALT)		
			250			614	11110	250	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE		
	4				4	614	12460	4	EACH	WORK ZONE MARKING SIGN		
			6			614	18600	6	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN		
1.02				1.02		614	22360	1.02	MILE	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT		
1,375				1,375		614	23690	1,375	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT		
										INCIDENTALS		
				7		624	15001	7	EACH	MOBILIZATION, AS PER PLAN	4	
				LS		614	11001	LS		MAINTAINING TRAFFIC, AS PER PLAN	6	

REMOVED LINEAR GRADING AND EROSION CONTROL ITEMS.

GENERAL SUMMARY

DESIGN AGENCY

 DESIGNER
 CLG
 REVIEWER
 MAC MM-DD-YY
 PROJECT ID
 116096
 SHEET TOTAL
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