

**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 621 - RAISED PAVEMENT MARKERS (IR-680 RAMPS)**

THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED TO BE USED AS DIRECTED BY THE PROJECT ENGINEER FOR RAMPS THAT ARE RESURFACED WITHIN THE PROJECT LIMITS ON MAH-IR-680.

621, RPM 533 EACH  
 621, RAISED PAVEMENT MARKER REMOVED 427 EACH

**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.

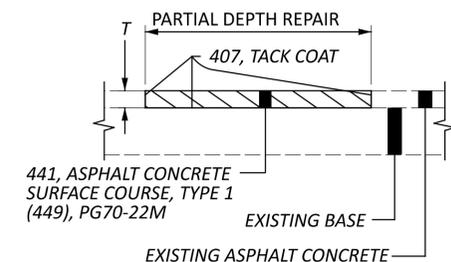
624, MOBILIZATION, AS PER PLAN, 6 EACH

**ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441) (REPAIR TYPE 1)**

A QUANTITY OF THESE ITEMS SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THESE ITEMS SHALL CONSIST OF REPAIRING EXISTING LOCATIONS EXHIBITING SURFACE DETERIORATION AND PLACING ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG70-22M. 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 4 FEET 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), (T = 3"), 650 SQ. YD.  
 251, PARTIAL DEPTH PAVEMENT REPAIR (441), (T = 1.5"), 2,500 SQ. YD.



**BREAKDOWN OF TOTAL BY LOCATION:**

LOCATION 2  
 ATB-SR 534: (WHEEL TRACK AND PAVEMENT EDGE DETERIORATION) (SLM 0.00 TO 2.43, TRUMBULL COUNTY LINE TO US 322)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), (T = 3") @ 650 SQ. YD.

LOCATION 5  
 MAH-IR 680 MAINLINE: (SLM 0.00 TO 7.00)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), (T = 1.5") @ 2,500 SQ. YD.

**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.

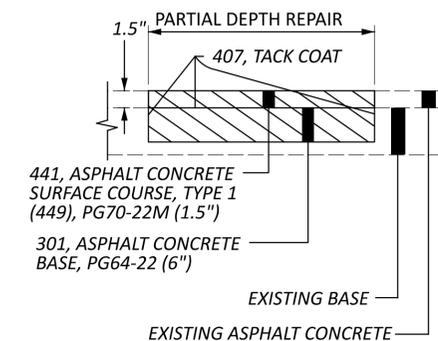
ITEM 642, EDGE LINE, 6" 5 MILES  
 ITEM 642, LANE LINE, 6" 2 MILES  
 ITEM 642, CHANNELIZING LINE, 12" 100 FT  
 ITEM 642, STOP LINE 50 FT  
 ITEM 642, CENTER LINE 0.5 MILES

**ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441) (REPAIR TYPE 2)**

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, PLACING 301 ASPHALT CONCRETE BASE, PG64-22 AND ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG70-22M. 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 4 FEET 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), (T = 7.5"), 2,350 SQ. YD.



**BREAKDOWN OF TOTAL BY LOCATION:**

LOCATION 1  
 ATB-SR 7: (RIGHT WHEEL TRACK CRACKING AND CENTERLINE JOINT DETERIORATION) (SLM 18.30 TO 25.23)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), (T = 7.5") @ 750 SQ. YD.

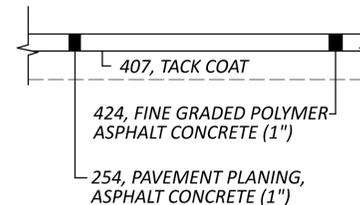
LOCATION 2  
 ATB-SR 534: (WHEEL TRACK AND PAVEMENT EDGE DETERIORATION) (SLM 0.00 TO 2.43, TRUMBULL COUNTY LINE TO US 322)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), (T = 7.5") @ 100 SQ. YD.

LOCATION 3  
 TRU-SR 193: (SLM 22.80 TO 25.39, SR 87 TO ASHTABULA COUNTY LINE)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), (T = 7.5") @ 750 SQ. YD.

LOCATION 4  
 TRU-SR 609: (SLM 0.00 TO 2.50, SR 7 TO PA LINE)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), (T = 7.5") @ 750 SQ. YD.

**MAH-IR 680 RAMP RESURFACING (LOCATION 5A)**  
 THE DETAIL AND QUANTITIES PROVIDED BELOW ARE FOR THE PURPOSE OF RESURFACING MAH-IR 680 RAMPS. FOR ITEM 424 FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (449), USE 50 BLOWS PER THE CURRENT VERISON OF THE 2023 ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS 424.02B. TYPE B. REFER TO SHEET P.7 FOR RAMP LOCATIONS.

254, PAVEMENT PLANING, ASPHALT CONCRETE (T = 1")  
 424, FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (449), (T = 1")  
 407, NON-TRACKING TACK COAT @ 0.09 GAL/SY



GENERAL NOTES

DESIGN AGENCY



DESIGNER

CLG

REVIEWER

EMS 01-10-24

PROJECT ID

116095

SHEET TOTAL

P.3 10