

**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 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A, (446), 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 621 - RAISED PAVEMENT MARKERS**

THE FOLLIWING ESTIMATED QUANTITIES HAVE BEEN PROVIDED AND SHALL BE USED AS DIRECTED BY THE ENGINEER FOR THE REMOVAL AND DISPOSAL OF EXISTING RAISED PAVEMENT MARKERS THAT ARE WITHIN THE LIMITS OF THE PAVEMENT REPAIRS AS NEEDED.

ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO PERFORM THIS WORK SHALL BE INCLUDED UNDER THE CONTRACT BID PRICE. QUANTITY THAT WILL BE CARRIED TO THE GENERAL SUMMARY:

621, RAISED PAVEMENT MARKER REMOVED 10 EA.

**PAVEMENT MARKINGS**

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

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

ITEM 642 - EDGE LINE, 6", TYPE 1	0.20 MILES
ITEM 642 - LANE LINE, 6", TYPE 1	0.20 MILES
ITEM 642 - STOP LINE, TYPE 1	40 FT
ITEM 642 - CHANNELIZING LINE, 8", TYPE 1	400 FT
ITEM 642 - CHANNELIZING LINE, 12", TYPE 1	400 FT

**ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (441) (SLM 0.00 - 7.31)**

A QUANTITY OF THIS ITEM SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THE ITEM SHALL CONSIST OF REPAIRING EXISTING LOCATIONS ON MAINLINE AND RAMPS EXHIBITING SURFACE DETERIORATION AND PLACING TWO LIFTS OF ITEM 442, ASPHALT CONCRETE SURFACE COURSE, 12.5mm, TYPE B. THE ASPHALT CONCRETE SHALL BE COMPACTED WITH A STEEL WHEEL ROLLER AS PER 401.13. 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'.

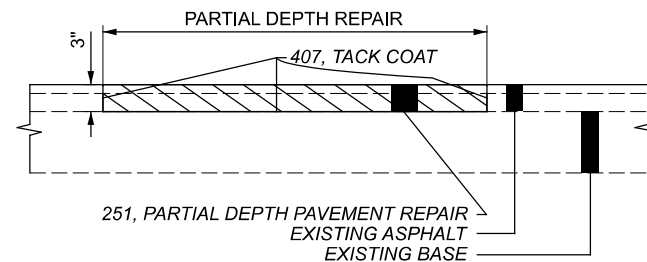
PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REPAIR. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

TRANSVERSE JOINTS:

251, PARTIAL DEPTH PAVEMENT REPAIR (441), 3,000 SY (T = 3")

LONGITUDINAL JOINTS:

251, PARTIAL DEPTH PAVEMENT REPAIR (441), 7,000 SY (T = 3")



**RESURFACING**

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO RESURFACE THE LOCATIONS LISTED BELOW FROM EDGE LINE TO EDGE LINE:

LOCATION 1

SR 11 NB TO I-680 SB RAMP (SLM 10.25-10.42) (860' x 12')  
 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3"), 1,150 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.08 GAL/SY, 92 GAL  
 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE B (448) (T = 1½"), 48 CY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.05 GAL/SY, 58 GAL  
 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE B, AS PER PLAN (448) (T = 1½"), 48 CY

LOCATION 2

I-680 NB TO SR 711 RAMP (SLM 9.97-10.14) (815' x 12')  
 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3"), 1,085 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.08 GAL/SY, 87 GAL  
 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE B (448) (T = 1½"), 45 CY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.05 GAL/SY, 54 GAL  
 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE B, AS PER PLAN (448) (T = 1½"), 45 CY  
 I-680 SB TO SR 711 RAMP (SLM 0.00-0.27) (1560' x 12')  
 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3"), 2,080 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.08 GAL/SY, 167 GAL  
 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE B (448) (T = 1½"), 87 CY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.05 GAL/SY, 104 GAL  
 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE B, AS PER PLAN (448) (T = 1½"), 87 CY

LOCATION 3

I-680 SB (SLM 4.06-4.20) (740' x 24')  
 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3"), 1,975 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.08 GAL/SY, 158 GAL  
 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE B (448) (T = 1½"), 83 CY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.05 GAL/SY, 99 GAL  
 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE B, AS PER PLAN (448) (T = 1½"), 83 CY

LOCATION 4

I-680 NB TO SR 193 RAMP (SLM 9.94-10.11) (895' x 12')  
 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3"), 1,195 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.08 GAL/SY, 96 GAL  
 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE B (448) (T = 1½"), 49 CY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.05 GAL/SY, 60 GAL  
 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE B, AS PER PLAN (448) (T = 1½"), 49 CY  
 I-680 SB TO SR 193 RAMP (SLM 0.00-0.22, 0.26-0.31) (1530' x 12')  
 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3"), 2,040 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.08 GAL/SY, 163 GAL  
 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE B (448) (T = 1½"), 85 CY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.05 GAL/SY, 102 GAL  
 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE B, AS PER PLAN (448) (T = 1½"), 85 CY  
 SR 193 TO I-680 NB RAMP (SLM 10.02-10.30) (825' x 12')  
 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3"), 1,100 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.08 GAL/SY, 88 GAL  
 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE B (448) (T = 1½"), 46 CY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.05 GAL/SY, 55 GAL  
 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE B, AS PER PLAN (448) (T = 1½"), 46 CY

LOCATION 5

I-680 SB (SLM 5.76-6.02) (1375' x 12')  
 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3"), 1,835 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.08 GAL/SY, 147 GAL  
 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE B (448) (T = 1½"), 77 CY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.05 GAL/SY, 92 GAL  
 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE B, AS PER PLAN (448) (T = 1½"), 77 CY

LOCATION 6

US 62 WB TO I-680 SB RAMP (SLM 0.00-0.17) (960' x 12')  
 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3"), 1,280 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.08 GAL/SY, 103 GAL  
 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE B (448) (T = 1½"), 54 CY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.05 GAL/SY, 64 GAL  
 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE B, AS PER PLAN (448) (T = 1½"), 54 CY

LOCATION 7

I-680 NB/SB, STRUCTURE MAH-680-0687/0693 APPROACHES (25' BACK AT ENDS, ALL PAVEMENT BETWEEN STRUCTURES) (375' x 36')  
 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 3"), 1,500 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.08 GAL/SY, 120 GAL  
 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE B (448) (T = 1½"), 63 CY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.05 GAL/SY, 75 GAL  
 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE B, AS PER PLAN (448) (T = 1½"), 63 CY

DESIGN AGENCY



DESIGNER

MJP

REVIEWER

MAC 6-7-21

PROJECT ID

91898

SHEET TOTAL

P.2 9