

**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.

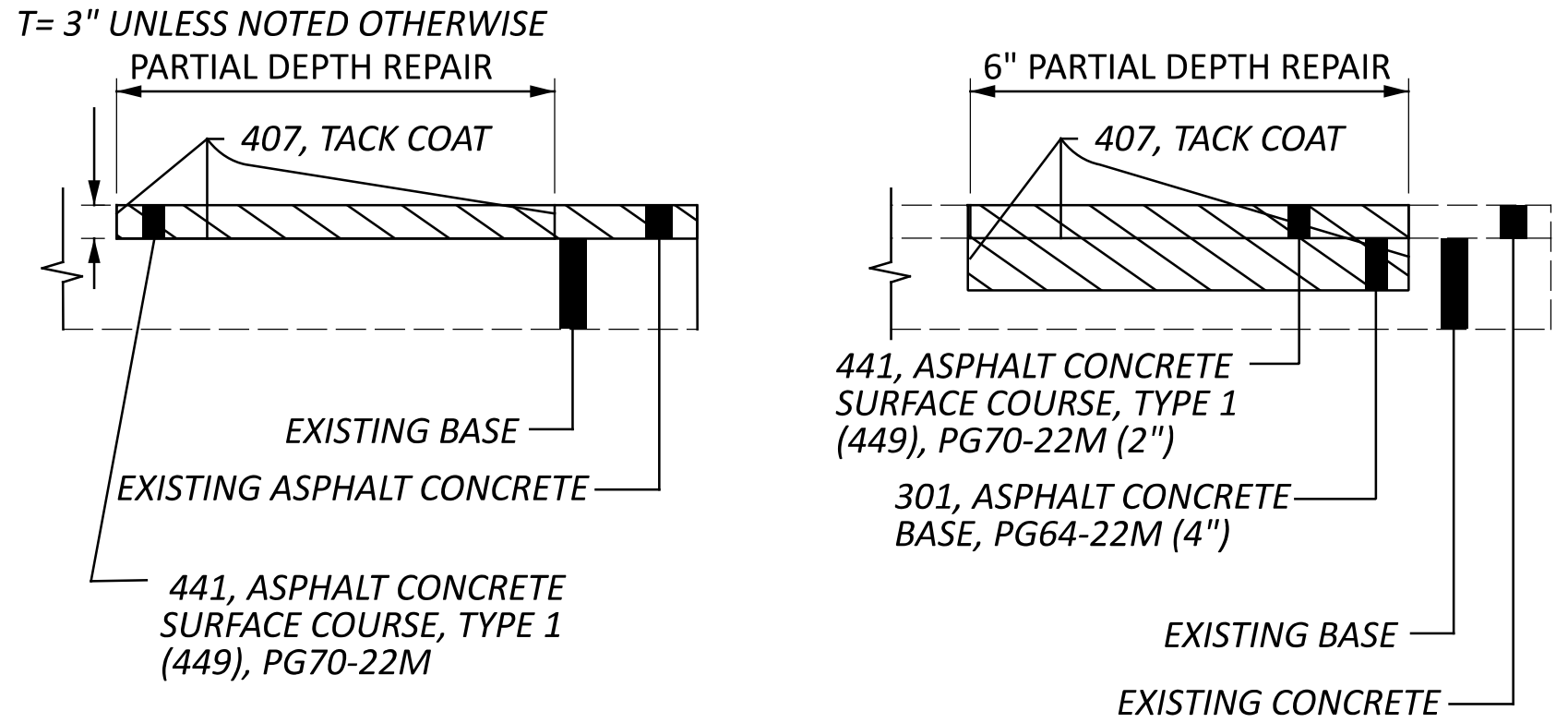
ITEM 642, EDGE LINE, 6" 5 MILES  
 ITEM 642, LANE LINE, 6" 2 MILES  
 ITEM 642, CHANNELIZING LINE, 12" 100 FT  
 ITEM 642, CENTER LINE 0.5 MILES

**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, TYPE 1. 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 (T=1.5") (441), TRANSVERSE 100 SY LONGITUDINAL: 700 SY  
 251, PARTIAL DEPTH PAVEMENT REPAIR (T=3") (441), TRANSVERSE: 300 SY LONGITUDINAL: 600 SY  
 251, PARTIAL DEPTH PAVEMENT REPAIR (T=6") (441), LONGITUDINAL: 2200 SY



**BREAKDOWN OF TOTAL BY LOCATION:**

**LOCATION 1**  
 POR-SR 44: \*(T=6")  
 (SLM 19.40 TO 21.70, NORTH OF SR 303 TO SOUTH OF CANADA RD)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441) LONGITUDINAL, 500 SY.

**LOCATION 2**  
 POR-SR 303:(T=3")  
 (SLM 5.0 TO 8.70, STREETSBORO CORP LIMIT TO SR 44)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441) LONGITUDINAL, 500 SY.

**LOCATION 3**  
 STA- SR 212: \*(T=6")  
 (SLM 2.38 TO 4.46 TO 0.52, TUSCARAWAS COUNTY TO WEST OF BARDELL AVE)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441) LONGITUDINAL, 800 SY.

**LOCATION 4**  
 STA-SR 687:(T=1.5")  
 (SLM 0.00 TO 0.40, SR 241 TO FOXCHASE AVE)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441), LONGITUDINAL 700 SY.

**LOCATION 5**  
 SUM- SR 224:(T=3")  
 (SLM 14.60 TO 16.00, SR 91 TO SR 532)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441) TRANSVERSE 300 SY, LONGITUDINAL 100 SY.

**LOCATION 6a**  
 SUM- SR 303:(T=1.5", TRANSVERSE)\*\*(T=6", LONGITUDINAL)  
 (SLM 5.49 TO 10.53, EAST OF STINE RD TO CHITTENDEN RD) (6") (1.5")  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (441) LONGITUDINAL 900 SY, TRANSVERSE 100 SY.

**LOCATION 11A**  
 STA-SR 241: (T=1.5", LONGITUDINAL)  
 (SLM 13.83 TO 14.65, NORTH OF SHADY HOLLOW RD TO NORTH OF MUDBROOK RD)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR, LONGITUDINAL, 410 SY.

\*\* 6" DEPTH TO BE USED CONSISTING OF 4" OF 301 ASPHALT CONCRETE BASE PG 64-22 FOLLOWED BY 2" 441 ASPHALT CONCRETE SURFACE COURSE

REVISED

**ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (442) (INTERSTATES)**

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 442 ASPHALT CONCRETE, SURFACE COURSE, 12.5 MM, TYPE A(449). 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 (T=3") (442), TRANSVERSE: 600 SY LONGITUDINAL: 3500 SY

**LOCATION 7**  
 STA-IR 77: (T=3")  
 (SLM 15.05 TO 15.27, NORTH OF EVERHARD RD TO SOUTH OF WHIPPLE AVE),  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (442), LONGITUDINAL 3400 SY.

**LOCATION 8**  
 STA- IR 77:(T=3")  
 (SLM 14.84, SOUTHBOUND LANES, SOUTH OF EVERHARD ROAD)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (442), TRANSVERSE 100 SY.

**LOCATION 9**  
 SUM- IR 271:(T=3")  
 (SLM 2.00-3.50, SOUTH OF ROBERTS RD TO WEST OF IR 77)  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (442), TRANSVERSE 300 SY, LONGITUDINAL 100 SY.

**LOCATION 10**  
 SUM- IR 271:(T=3")  
 (SLM 9.00 TO 10.50, WEST OF HINES HILL RD TO EAST OF BRANDYWINE RD )  
 ITEM 251, PARTIAL DEPTH PAVEMENT REPAIR (442), TRANSVERSE 200 SY.

**ITEM 254 - PAVEMENT PLANING, AS PER PLAN**  
**ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (449), PG70-22M (T=1.5")**

A QUANTITY OF THESE ITEMS SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER TO PERFORM 1.5" MILLING & PAVING OPERATIONS ON SR 241 AT THE BELOW LOCATIONS.

FROM SLM	TO SLM	LENGTH (MI)	LENGTH (FT)	AREA (SY)	Lane
14	14.42	0.42	2217.6	2710.4	NB DRIVING LANE (11' WIDE OR AS DIRECTED BY ENGINEER)
14.1	14.28	0.18	950.4	1161.6	CENTER LANE (11' WIDE OR AS DIRECTED BY ENGINEER)
14.41	14.47	0.06	316.8	387.2	CENTER LANE (11' WIDE OR AS DIRECTED BY ENGINEER)
14.55	14.6	0.05	264	322.7	CENTER LANE (11' WIDE OR AS DIRECTED BY ENGINEER)
TOTAL		0.71	3748.8	4582	

**LOCATION 11**  
 STA-SR 241: (T=1.5")  
 (SLM 14 TO 14.6, VICINITY OF INTERSECTION WITH SR 687)

ITEM 254 - PAVEMENT PLANING, AS PER PLAN 4582 SY  
 ITEM 407 - NON-TRACKING TACK COAT @ 0.09 GAL/SY 413 GAL  
 ITEM 441 - ASPHALT CONCRETE SURFACE COURSE TYPE 1 (449), PG70-22M (T=1.5") 191 CY  
 ITEM 642- STOP LINE 33 FT  
 ITEM 642- EDGE LINE 0.42 MI  
 ITEM 642- LANE LINE 0.42 MI  
 ITEM 642- CENTERLINE 0.35 MI  
 ITEM 642- ARROWS 16 EA  
 ITEM 642- 12" CROSSWALK LINE 66 FT  
 ITEM 642- CHANNELIZING LINE 1100 FT

