

ALIGNMENT AND PROFILE

THE WORK PROPOSED BY THIS PROJECT CONSISTS OF PLANING AND RESURFACING OF THE EXISTING PAVEMENT. THE ALIGNMENT OF THE EXISTING PAVEMENT WILL NOT BE CHANGED AND THE PROFILE OF THE PROPOSED SURFACE WILL BE SIMILAR TO THAT OF THE EXISTING PAVEMENT.

ITEM 253 - PAVEMENT REPAIR, AS PER PLAN

PAVEMENT REPAIR SHALL BE IN ACCORDANCE WITH ITEM 253 - PAVEMENT REPAIR, WITH THE FOLLOWING ADDITIONS:

THE AREAS OF ITEM 253, PAVEMENT REPAIR, AS PER PLAN ARE LOCATED THROUGHOUT THE PROJECT LIMITS.

THE ENGINEER SHALL DESIGNATE THE LOCATIONS AND LIMITS OF THE AREAS TO BE REPAIRED. THE AREAS SHALL BE ROUGHLY RECTANGULAR IN SHAPE AND SAWED OR MILLED TO A NEAT LINE. THE DEPTH OF REMOVAL, AS DIRECTED BY THE ENGINEER, SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT. THE ENTIRE AREA INCLUDING VERTICAL FACES SHALL BE COATED PRIOR TO PLACING THE REPLACEMENT MATERIAL PER 253.03. THE REPLACEMENT MATERIAL SHALL BE ITEM 301 - ASPHALT CONCRETE BASE, PG64-22.

THE ESTIMATED PAVEMENT REPAIR AREAS SHALL BE A MINIMUM OF 4 FEET IN WIDTH AND 4 INCHES IN DEPTH MEASURED FROM THE MILLED SURFACE OR AS DIRECTED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

ITEM 253 - PAVEMENT REPAIR, AS PER PLAN = 1500 SQ YD

ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE

AN ESTIMATED QUANTITY OF ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE HAS BEEN INCLUDED IN THE PLANS.

THE APPROXIMATE DEPTH OF PAVEMENT PLANING SHALL BE ONE AND THREE QUARTERS INCH (1 3/4").

THE APPROXIMATE WIDTH OF THE PAVEMENT PLANING SHALL VARY FROM TWENTY FIVE FEET (25.0') TO FORTY EIGHT FEET (48.0').

NO AREA OF PAVEMENT PLANING SHALL BE OPENED TO THE TRAVELING PUBLIC.

NO MILLED SURFACE SHALL BE EXPOSED FOR MORE THAN 72 HOURS UNLESS APPROVED BY THE ENGINEER.

ITEM 254 - PATCHING PLANED SURFACE, AS PER PLAN

PAVEMENT AREAS DESIGNATED FOR PATCHING AFTER PAVEMENT PLANING OPERATION SHALL BE MILLED TWO INCHES (2") IN DEPTH.

AN ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

ITEM 254 - PATCHING PLANED SURFACE, AS PER PLAN = 200 SQ YD

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

THE MATERIAL USED FOR RESURFACING SHALL CONSIST OF ONE AND THREE QUARTERS INCH (1.75") OF ITEM 442 ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN. THE BINDER SHALL BE PG 76-22M.

ITEM 618 - RUMBLE STRIP (ASPHALT CONCRETE)

A QUANTITY OF 16.20 MILES OF ITEM 618, RUMBLE STRIPS (ASPHALT CONCRETE) HAS BEEN CARRIED TO THE GENERAL SUMMARY.

THE LOCATIONS ARE:

USR 33 EB FROM SLM 25.60 TO SLM 29.65 = 4.05 MILES
4.05 MILES X 2 SHOULDERS = 8.10 MILES

USR 33 WB FROM SLM 25.60 TO SLM 29.65 = 4.05 MILES
4.05 MILES X 2 SHOULDERS = 8.10 MILES

COORDINATION OF WORK:

LOG-33-25.60 (PID 101155)
LOG-347-3.63 (PID 105345)
D07-PAVE-FY22 (PID 113074)

THE CONTRACTOR IS ADVISED THAT ADJACENT CONSTRUCTION PROJECTS WITHIN OR NEAR THE WORK LIMITS OF THIS PLAN MAY IMPACT THE PROJECT SCHEDULE, SEQUENCE OF CONSTRUCTION AND/OR TRAFFIC CONTROL BETWEEN ADJACENT ZONES. THE CONTRACTOR IS REQUIRED TO COORDINATE ALL MAINTENANCE OF TRAFFIC OPERATIONS WITH ADJACENT CONSTRUCTION PROJECTS. COOPERATION WITH THE ENGINEER, INSPECTORS AND ALL OTHER CONTRACTORS ON OR ADJACENT TO THE PROJECT IS REQUIRED PER CMS 105.08.

INTERIM COMPLETION DATE

ALL WORK EXCEPT THE WET REFLECTIVE PAVEMENT MARKINGS WILL BE REQUIRED TO BE COMPLETED BY 10/15/2022. 10/15/2022 WILL BE CONSIDERED AN INTERIM COMPLETION DATE FOR THIS WORK. DISINCENTIVES IN THE AMOUNT OF \$1,000/DAY WILL BE CHARGED SHOULD THE CONTRACTOR NOT HAVE THIS WORK COMPLETED BY 10/15/2022. ALL REMAINING WORK ON THE PROJECT SHALL BE COMPLETED BY THE PROJECT COMPLETION DATE OF 5/31/2023.

PAVEMENT MARKINGS

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DOCUMENT THE LAYOUT OF THE EXISTING PAVEMENT MARKINGS INCLUDING EXISTING LANE AND SHOULDER WIDTHS IN A LOG AND SUBMIT TO THE DEPARTMENT FOR ACCEPTANCE. THE DEPARTMENT WILL NOT ALLOW THE CONTRACTOR TO PERFORM ANY PAVEMENT WORK FUNCTIONS (MILLING, OVERLAY, ETC.) UNTIL ACCEPTANCE OF THE SUBMITTED EXISTING MARKING LOG.

MARKINGS SHALL BE REPLACED IN KIND EXCEPT WHERE EXISTING MARKINGS DO NOT MEET THE CURRENT STANDARD CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL COORDINATE AND CORROBORATE THE PROPOSED LAYOUT OF ALL PAVEMENT MARKINGS PER APPLICABLE STANDARD CONSTRUCTION DRAWINGS WITH ODOT.

NO PERMANENT PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, NOR RUMBLE STRIPS SHALL BE PLACED UNTIL THE ODOT PROJECT ENGINEER HAS APPROVED THE LOCATION AND/OR LAYOUT OF THE WORK ZONE PAVEMENT MARKINGS.

PAVEMENT MARKINGS ON INTERSECTING ROADWAYS

THE EDGE LINE SHALL BE CONTINUED AROUND ALL RADII TO MATCH THE EXISTING EDGE LINE OF THE INTERSECTING ROUTE. IF THE INTERSECTING ROUTE HAS A CENTER LINE MARKING, THE CENTER LINE SHALL BE RE-STRIPED OVER THE AREA OF RESURFACING.

WET REFLECTIVE PAVEMENT MARKINGS

THE INTENT OF THIS WORK IS TO INSTALL THE RECESSED WET REFLECTIVE PAVEMENT MARKINGS (WRPM) THAT WERE NOT INSTALLED BY PREVIOUS PROJECT LOG-33-15.66 (PID 101175) DUE TO CONFLICTING WORK. THE WRPM SHALL ALSO BE INSTALLED ALONG THE USR 33 CONCRETE SECTION AND THROUGH THIS PROJECT (LOG-33-25.60 - PID 101155). THIS WORK SHOULD COMPLETE THE WRPM ON USR 33 FROM USR 68 TO THE UNION COUNTY LINE. THE FOLLOWING LOCATIONS SHALL HAVE WRPM INSTALLED UNDER THIS PROJECT:

USR 33 EB SLM 15.66 TO 16.15 (ASPHALT)
USR 33 EB SLM 20.25 TO 21.50 (ASPHALT)
USR 33 WB SLM 20.66 TO 21.80 (ASPHALT)

USR 33 EB SLM 21.50 TO 25.60 (CONCRETE)
USR 33 WB SLM 21.80 TO 25.60 (CONCRETE)

USR 33 EB SLM 25.60 TO 29.65 (ASPHALT)
USR 33 WB SLM 25.60 TO 29.65 (ASPHALT)

QUANTITIES ARE INCLUDED ON SHEETS 10-12.

ITEM SPECIAL - AIR SPEED ZONE MARKING

USR 33 EB & WB SLM 28.00 TO 29.00

AIR SPEED ZONE MARKINGS SHALL BE WHITE AND 24 INCHES WIDE MEASURED IN THE DIRECTION OF TRAVEL AND 4 FEET IN LENGTH. ON FOUR-LANE ROADWAY, WHEN PAVED SHOULDERS OF SUFFICIENT WIDTH ARE AVAILABLE, THE AIR SPEED ZONE MARKINGS SHALL BE PLACED ENTIRELY ON THE SHOULDERS.

PLACE THE MARKINGS AT 0.25 MILE INTERVALS OVER A ONE MILE LENGTH OF ROADWAY.

THE MARKINGS WILL BE INSTALLED ON BOTH THE INSIDE (LEFT) AND OUTSIDE (RIGHT) SHOULDER OF USR 33 IN THE EASTBOUND DIRECTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE MARKINGS LAID OUT BY A REGISTERED SURVEYOR. A RECORD IS TO BE KEPT AND ONE ORIGINAL SIGNED AND SEALED DOCUMENT IS TO BE SENT TO THE DISTRICT CONSTRUCTION ADMINISTRATOR.

MATERIALS, EQUIPMENT AND APPLICATION SHALL BE ACCORDING TO THE TYPE OF PAVEMENT MARKING MATERIAL USED.

PAYMENT WILL BE FOR EACH 24 INCH WIDE BY 4 FOOT LONG MARKING AND SHALL INCLUDE THE PAVEMENT MARKING MATERIAL USED AND THE SURVEYING WORK.

A QUANTITY OF 20 EACH HAS BEEN INCLUDED IN THE PAVEMENT MARKING SUMMARY FOR MARKINGS ON BOTH THE INSIDE AND OUTSIDE SHOULDERS OF USR 33 EB & WB.

ITEM SPECIAL, PAVER MOUNTED THERMAL PROFILING (PMTP)

THIS ITEM CONSISTS OF PROVIDING A PAVER MOUNTED THERMAL PROFILING (PMTP) SYSTEM TO IDENTIFY THE PRESENCE OF ANY THERMAL SEGREGATION OF AN UNCOMPACTED MAT OF HOT MIX ASPHALT. METHODS AND PROCEDURES FOR DETERMINING THE THERMAL PROFILE USING A PAVER-MOUNTED THERMAL IMAGING SYSTEM SHALL CONFORM TO THE SPECIFICATIONS FOUND IN THE SPECIAL PROVISIONS. THE OFFICE OF PAVEMENT ENGINEERING SHALL BE NOTIFIED TWO WEEKS PRIOR TO THE PMTP DATA COLLECTION.

ALL LABOR, EQUIPMENT, SOFTWARE AND INCIDENTALS NECESSARY TO INSTALL THE EQUIPMENT AND ANALYZE THE DATA SHALL BE INCLUDED FOR PAYMENT WITH THE LUMP SUM BID FOR ITEM SPECIAL, PAVER MOUNTED THERMAL PROFILING (PMTP)

I:\Project+Data\LOG\101155_US33-2560\Design\Roadway\Sheets\101155_GN001.dgn Sheet 6/27/2022 8:18:39 AM cweiss

CALCULATED
TMK
CHECKED
CWW

GENERAL NOTES

LOG-33-25.60