

**PROFILE AND ALIGNMENT**

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE PROFILE AND ALIGNMENT OF THE EXISTING PAVEMENT. PLACE THE PROPOSED CHIP SEAL OVERLAY AS SHOWN ON THE TYPICAL SECTIONS.

**EXTRA FOR WIDENING (PAVEMENT AREA)**

AN ADDITIONAL QUANTITY HAS BEEN ADDED TO THE PAVEMENT DATA SHEETS TO BE USED AS DIRECTED BY THE ENGINEER, TO COVER AREAS THAT HAVE BEEN WIDENED ON CURVES OR ON PREVIOUS MAINTENANCE ACTIVITIES BEYOND THE AVERAGE PAVEMENT WIDTH SHOWN.

**UTILITIES**

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

**AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS**

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 25 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FEDERAL AVIATION ADMINISTRATION  
SOUTHWEST REGIONAL OFFICE  
OBSTRUCTION EVALUATION GROUP  
10101 HILLWOOD PARKWAY  
FORT WORTH, TX 76177  
FAX: (817) 222-5920  
HTTP://CEAAA.FAA.GOV

OHIO DEPARTMENT OF TRANSPORTATION  
OFFICE OF AVIATION  
2829 WEST DUBLIN-GRANVILLE ROAD  
COLUMBUS, OHIO 43235  
OHIO.AIRPORT.PROTECTION@DOT.OHIO.GOV

**ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE, VARIABLE DEPTH**

USE VARIABLE DEPTH MILLING TO IMPROVE THE PROFILE ON EACH SIDE OF BRIDGE NO. HAS-519-2.200 (SFN 3402878). RESURFACE MILLED AREAS WITH 1.5" OF ASPHALT CONCRETE SURFACE COURSE AS SHOWN ON SHEET 6. OBTAIN THE APPROVAL OF THE ENGINEER BEFORE BEGINNING THE VARIABLE DEPTH MILLING AND ASPHALT PAVING.

**ITEM 422 - AGGREGATE, SINGLE CHIP SEAL, TYPE A, AS PER PLAN**

CRUSHED GRAVEL AGGREGATE MAY BE USED IN LIEU OF WASHED LIMESTONE OR DOLOMITE. CRUSHED GRAVEL SHALL CONFORM TO THE FOLLOWING INITIAL MATERIALS PHYSICAL AND DELETERIOUS REQUIREMENTS:

- PHYSICAL PROPERTIES:
- PERCENT OF WEAR, LOS ANGELES TEST, MAXIMUM: 40%
  - LOSS, SODIUM SULFATE SOUNDNESS TEST, MAXIMUM: 12%
  - ASPHALT CONCRETE
  - PERCENT BY WEIGHT OF FRACTURED PIECES
    - \* PERCENT FRACTURED (ONE OR MORE FACES) 95% \*
    - ACCORDING TO ASTM D5821
    - \*\*PERCENT FRACTURED (TWO OR MORE FACES) 90% \*\*
    - ACCORDING TO ASTM D5821
  - MICRO-DEVAL ABRASION LOSS TEST, MAXIMUM 20% #
  - (FOR GRAVEL ONLY)

# IF THE MD VALUE IS GREATER THAN THE SPECIFICATION LIMIT CONFORM TO SUPPLEMENT 1010.

DELETERIOUS SUBSTANCES SHALL NOT EXCEED THE FOLLOWING:

- MATERIAL: PERCENT BY WEIGHT
- SOFT PIECES 3.0
  - COAL AND LIGNITE 1.0
  - CLAY LUMPS 0.25
  - AMOUNT FINER THAN NO. 200 SIEVE 3.0
  - PIECES HAVING A LENGTH GREATER THAN 5 TIMES THE AVERAGE THICKNESS 15
  - SHALE AND SHALY MATERIAL 2.5
  - LIMONITIC CONCRETIONS 2.5
  - ALKALI 2.5
  - CHERT THAT DISINTEGRATES IN 5 CYCLES OF THE SOUNDNESS TEST 2.5

ALL OTHER SPECIFICATIONS IN 422.02 FOR COVER AGGREGATE SHALL APPLY.

IF SAMPLING DURING THE ACTUAL SPREADING OPERATION THE DEPARTMENT WILL OBTAIN SAMPLES CONFORMING TO 422.10.C.

AT A MINIMUM OBTAIN AND TEST ONE SAMPLE TAKEN FROM THE AGGREGATE SPREADER BOX AT PRODUCTION START AND OBTAIN AND TEST ONE SAMPLE FROM THE AGGREGATE SPREADER BOX RANDOMLY DURING THE DAY. OBTAIN AN AGGREGATE SPREADER BOX SAMPLE BY LAYING A PIECE OF NON PERMEABLE PLASTIC MATERIAL 3 FOOT (1 METER) WIDE AND THE WIDTH OF THE SPREADER AS THE SPREADER MOVES FORWARD. AFTER THE AGGREGATE FROM THE SPREADER IS DROPPED ONTO THE 3 FOOT PIECE OF PLASTIC MATERIAL REMOVE THE PLASTIC MATERIAL ASSURING NO LOSS OF AGGREGATE AND DUST AND COMBINE AS THE AGGREGATE SAMPLE. SAMPLE AND TEST AGGREGATE ACCORDING TO AASHTO T 2, AASHTO T 248, AND SUPPLEMENT 1004 (AASHTO T 11 WHERE REQUIRED). USE WASHED GRADATIONS FOR DETERMINING THE NO. 200 SIEVE. PERFORM ADDITIONAL SAMPLING AND TESTING WHEN DIRECTED BY THE ENGINEER.

**ITEM 614 - WORK ZONE PAVEMENT MARKINGS, CLASS II, 642 PAINT**  
**ITEM 614 - WORK ZONE PAVEMENT MARKINGS, CLASS III, 642 PAINT**

THE CONTRACTOR SHALL INSTALL ITEM 614 - WORK ZONE CENTER LINE, CLASS II OR CLASS III, 642 PAINT PRIOR TO OPENING THE LANE TO TRAFFIC, OR WHEN THE EXISTING MARKINGS HAVE BEEN COVERED OR DAMAGED, AS PER CMS 614.11.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

- (01/STR/PV)
- (PART 1)
- ITEM 614 - WORK ZONE CENTER LINE, CLASS II, 642 PAINT
- (01/STR/PV)
- (PART 1)
- ITEM 614 - WORK ZONE CENTER LINE, CLASS III, 642 PAINT

**Updated Quantities.**

--- 12.42 MILE  
USE: 12.42 MILE  
--- 12.42 MILE  
USE: 12.42 MILE

**ITEM 642 - TRAFFIC PAINT**

THE CONTRACTOR SHALL REPLACE THE EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS WITH NEW PAVEMENT MARKINGS AT THE SAME LOCATIONS AS PER CMS 641.06. SEE STANDARD DRAWING TC-71.10 FOR PAVEMENT MARKING DETAILS.

**FINAL PAVEMENT MARKINGS**

IN ADDITION TO THE WORK ZONE CENTER LINE PLACED ON THE CHIP SEAL IMMEDIATELY AFTER COMPLETING THE CHIP SEAL WORK, FINAL PAVEMENT MARKINGS SHALL BE PLACED NO SOONER THAN 30 CALENDAR DAYS AND NO MORE THAN 45 CALENDAR DAYS AFTER THE CHIP SEAL WORK HAS BEEN COMPLETED.

**ITEM 614 - WORK ZONE MARKING SIGNS**

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER FOR WORK ZONE MARKING SIGNS PER THE REQUIREMENTS ABOVE AND ITEM 614 OF THE SPECIFICATIONS.

ITEM 614 - WORK ZONE MARKING SIGN - 18 EACH

WORK ZONE MARKING SIGN TABLE	FUNDING
PART 1	
"DO NOT PASS"	4
"PASS WITH CARE"	2
"NO EDGE LINES"	12
<b>TOTAL</b>	<b>18</b>
	<b>01/STR/PV</b>

THE CONTRACTOR SHALL ERECT "NO EDGE LINES" (W8-H12a) SIGNS IN ADVANCE OF ANY SECTION OF ROADWAY LACKING CMS STANDARD EDGE LINE MARKINGS, AS PER CMS 614.04.

IN THE EVENT THE CONTRACTOR CANNOT INSTALL THE WORK ZONE CENTER LINE, CLASS III, DUE TO CONDITIONS BEYOND HIS CONTROL, OR WHEN CLASS II PAVEMENT MARKINGS ARE USED, AN ESTIMATED CONTINGENCY QUANTITY FOR "DO NOT PASS" (R4-1) AND "PASS WITH CARE" (R4-2) SIGNS HAVE BEEN PROVIDED IN THE "WORK ZONE MARKING SIGN TABLE" WHICH SHALL BE ERECTED BY THE CONTRACTOR IN LIEU OF THE AFOREMENTIONED PAVEMENT MARKINGS. THE APPROPRIATE SIGNAGE SHALL BE PLACED AS PER ODOT SECTIONS 2B.28 AND 2B.29 PRIOR TO THE COVERING, OR REMOVAL OF EXISTING PAVEMENT MARKINGS.

I:\ProjectData\07499\Design\Roadway\Sheets\07499\_GN001.dgn Sheet 05-NOV-2021 10:39AM dhof:fmj

CALCULATED  
LNUW  
CHECKED  
DAH

**GENERAL NOTES**

**HAS-519-0.00**

2  
8

