

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.

EXISTING PLANS

EXISTING PLANS ENTITLED "HAN-30-18.955(12.22) PART 2, PID 12421" MAY BE INSPECTED IN THE ODOT DISTRICT 1 OFFICE IN LIMA, OH.

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.

PROFILE AND ALIGNMENT

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

PIPE UNDERDRAINS

ANY PIPE UNDERDRAINS BROKEN OR DAMAGED AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE STATE.

EROSION CONTROL

THE QUANTITY BELOW HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR EROSION CONTROL.

ITEM 832 EROSION CONTROL = 1,000 EACH

CONTRACTOR'S EQUIPMENT - OPERATION AND STORAGE

IN ADDITION TO THE REQUIREMENTS OF SECTION 614.03(A) OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS THE FOLLOWING SHALL APPLY. THE CONTRACTOR'S EQUIPMENT SHALL BE OPERATED IN THE DIRECTION OF TRAFFIC WHERE PRACTICAL. EXTREME CAUTION SHALL BE USED WHERE THE CONTRACTOR'S VEHICLES AND EQUIPMENT MERGE WITH THE TRAFFIC STREAM. THE CONTRACTOR'S VEHICLES AND EQUIPMENT SHALL BE EQUIPPED WITH AT LEAST ONE AMBER FLASHING LIGHT. CONSTRUCTION EQUIPMENT MAY BE PARKED IN AREA ALONG THE HIGHWAY, THIRTY FEET (30') FROM THE EDGE OF THE TRAVELED HIGHWAY UNLESS BEHIND GUARDRAIL, WHEN VARIOUS OPERATIONS ARE SCHEDULED TO CONTINUE THE NEXT WORKDAY. EQUIPMENT PARKED BEHIND THE GUARDRAIL SHALL BE AT LEAST 6 FEET FROM THE FACE OF THE GUARDRAIL. NO EQUIPMENT SHALL BE PARKED BEHIND A GUARDRAIL ATTENUATOR. ON WEEKENDS OR AT OTHER TIMES OF SUSPENSION OF WORK, EQUIPMENT SHALL BE STORED AT A STORAGE AREA REMOVED FROM THE INTERSTATE RIGHT OF WAY. NO EQUIPMENT SHALL BE PARKED IN THE MEDIUM OF THE HIGHWAY EXCEPT WHEN TRAFFIC IS MAINTAINED ON THE OUTSIDE LANES. ADEQUATE BARRICADES AND LIGHT SHALL BE PLACED ON THE PAVEMENT SIDE OF THE EQUIPMENT TO IDENTIFY THE LIMITS OF THE EQUIPMENT. ALL OTHER EQUIPMENT, INCLUDING PRIVATE VEHICLES, SHALL BE STORED AT THE APPROVED CONTACTOR'S STORAGE AREA.

ITEM 253 - PAVEMENT REPAIR

THE ESTIMATED QUANTITY BELOW HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER. IT IS ESTIMATED THE REPAIRS WILL BE APPROXIMATELY 6 INCHES DEEP AND WILL CONSIST OF LONGITUDINAL REPAIRS. THE ESTIMATED WIDTH OF THESE REPAIRS IS 4-6 FEET, THE ESTIMATED LENGTH OF REPAIRS IS 100 FEET. A SUMMARY OF ANTICIPATED LOCATIONS HAS BEEN PROVIDED IN THE "REFERENCE ONLY" SECTION ON THE OFFICE OF CONTRACTS WEBSITE, HOWEVER FINAL DIMENSIONS WILL BE AS DETERMINED IN THE FIELD. REPAIRS SHALL BE COMPLETED USING ITEM 301 ASPHALT CONCRETE BASE.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIR. PAYMENT WILL BE MADE AT THE UNIT PRICE BID PER CUBIC YARD OF ITEM 253 PAVEMENT REPAIR.

ITEM 253 PAVEMENT REPAIR = 500 CY

ITEM 253 - PAVEMENT REPAIR ON ADDITIONAL ROUTES

IN ADDITION TO PAVEMENT REPAIRS ON U.S. 30, PERFORM PAVEMENT REPAIRS ON THE FOLLOWING ROUTES. HANCOCK COUNTY U.S. 68 FROM 12.84 MILEPOST TO 14.67 MILEPOST, HANCOCK COUNTY S.R. 15 FROM 17.28 MILEPOST TO 27.93 MILEPOST, WYANDOT COUNTY S.R. 15 FROM 0.00 MILEPOST TO 3.37 MILEPOST, AND WYANDOT COUNTY U.S. 23 FROM 22.07 MILEPOST TO 23.16 MILEPOST. THE ESTIMATED QUANTITY BELOW HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER. IT IS ESTIMATED THE REPAIRS WILL BE APPROXIMATELY 6 INCHES DEEP AND WILL CONSIST OF LONGITUDINAL REPAIRS. THE ESTIMATED WIDTH OF THESE REPAIRS IS 4 - 6 FEET. THE ESTIMATED LENGTH OF REPAIRS ARE MOSTLY 50 FEET TO 100 FEET, WITH SOME REPAIRS BEING 200 FEET OR MORE. A SUMMARY OF ANTICIPATED LOCATIONS HAS BEEN PROVIDED IN THE "REFERENCE ONLY" SECTION ON THE OFFICE OF CONTRACTS WEBSITE, HOWEVER FINAL DIMENSIONS WILL BE AS DETERMINED IN THE FIELD. REPAIRS SHALL BE COMPLETED USING ITEM 301 ASPHALT CONCRETE BASE.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIR. PAYMENT WILL BE MADE AT THE UNIT PRICE BID PER CUBIC YARD OF ITEM 253 PAVEMENT REPAIR.

ITEM 253 PAVEMENT REPAIR = 1750 CY

FULL WIDTH PAVING ON RAMPS

ASPHALT CONCRETE SHALL BE PLACED AT FULL WIDTH OF PAVEMENT ON THE RAMPS. INSTEAD OF FULL WIDTH PAVING, THE CONTRACTOR MAY USE HOT JOINT CONSTRUCTION USING MULTIPLE PAVERS. THE PAVING OPERATION ON THE RAMPS SHALL OCCUR UNDER FULL ROADWAY CLOSURE.

COORDINATION OF CONTRACTORS

TWO SEPARATE PROJECTS WILL BE CONSTRUCTED WITHIN THE AREA OF THIS PROJECT. HAN/WYA-68/15/23-VAR. PID 107873 IS A MICRO-SURFACING PROJECT, AND HAN-68/15-INTERCHANGE PID 112280 IS A RAMP RECONSTRUCTION PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THE CONTRACTOR'S FOR THESE PROJECTS IN A MANNER TO NOT HINDER THE PROGRESS OR COMPLETION OF THE WORK BEING PERFORMED BY EACH OTHER. THE TIMING OF THESE PROJECTS SHALL BE COORDINATED TO ALLOW FOR COMPLETION OF EACH PROJECTS WORK AS DEFINED IN THE CONSTRUCTION PLANS AND RELATED BID DOCUMENTS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

THE CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF SECTIONS XXIV AND XXXIV OF THE OHIO DEPARTMENT OF TRANSPORTATION SAFETY AND HEALTH STANDARD OPERATING PROCEDURE 220-006(SP) EFFECTIVE: NOVEMBER 1, 2018 (EXCEPT AS AMENDED BELOW) AND ALL SUBSEQUENT UPDATES POSTED AT THE FOLLOWING WEBSITE:

HTTP://WWW.DOT.STATE.OH.US/POLICY/POLICIESANDSOPS/POLICIES/220-006(SP).PDF

AMENDMENTS TO THE REQUIREMENTS OF THIS DOCUMENT ARE:

XXIV. HEAD PROTECTION (HARD HATS)

ALL PERSONS WITHIN THE RIGHT-OF-WAY OF ANY HIGHWAY OR ANY OTHER TYPE OF ROADWAY OR CONSTRUCTION SITE WHO ARE EXPOSED TO EITHER TRAFFIC (VEHICLES USING THE HIGHWAY FOR PURPOSES OF TRAVEL) OR CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA, REGARDLESS OF JOB TYPE, SHALL WEAR APPROPRIATE HEAD PROTECTION. ALL HARD HATS MUST MEET OR EXCEED ANSI Z89.1-2009 TYPE 1, CLASS E-G REQUIREMENTS.

XXXIV. SAFETY APPAREL AND VEST (HIGH VISIBILITY)

ALL PERSONS WITHIN THE RIGHT-OF-WAY OF ANY HIGHWAY OR ANY OTHER TYPE OF ROADWAY OR CONSTRUCTION SITE WHO ARE EXPOSED TO EITHER TRAFFIC (VEHICLES USING THE HIGHWAY FOR PURPOSES OF TRAVEL) OR CONSTRUCTION EQUIPMENT WITHIN THE WORK AREA, REGARDLESS OF JOB TYPE, SHALL WEAR A HIGH-VISIBILITY SAFETY VEST THAT MEETS THE PERFORMANCE CLASS II OR CLASS III REQUIREMENTS OF THE ANSI/ISEA 107-2015 PUBLICATION ENTITLED "AMERICAN NATIONAL STANDARD FOR HIGH-VISIBILITY SAFETY APPAREL AND ACCESSORIES."

WORKERS MAY WEAR AN ANSI CLASS II OR ANSI CLASS III APPROVED RAIN SUIT, JACKET OR OTHER APPAREL WITHOUT A SAFETY VEST OVER IT.

ITEM 442, ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), PWL, 2024, AS PER PLAN

ALL REQUIREMENTS OF C&MS ITEM 442 APPLY EXCEPT AS SHOWN.

MAT DENSITY ACCEPTANCE - FOLLOW THE REQUIREMENTS OF 447 MAT DENSITY ACCEPTANCE, EXCEPT AS MODIFIED BELOW.

OBTAIN 6-INCH DIAMETER CORES FOR EACH LOT.

THE PWL CALCULATOR, LOCATED ON THE ODOT WEBSITE AT THE OFFICE OF CONSTRUCTION ADMINISTRATION, WILL BE USED TO DETERMINE THE LOT PWL AND THE LOT AASHTO PAY FACTORS.

THE DEPARTMENT WILL DETERMINE THE PAY FACTOR FOR EACH LOT CORED BY THE FOLLOWING TABLE.

LOWER SPECIFICATION LIMIT	PAY FACTOR CRITERIA	PAY FACTOR (PF)
92.6%	IF AVG. DENSITY IS > OR = TO 93% AND PWL IS > OR = TO 70	PF = 1 OR AASHTO PF WHICHEVER IS GREATER
	IF > 70 PWL > 50	AASHTO PF
	IF PWL < OR = TO 50	REMOVE AND REPLACE

PWL REQUIREMENTS DO NOT APPLY FOR PAVEMENTS PLACED ON CROSSOVERS, REST AREAS, OR RAMPS. FOLLOW THE REQUIREMENTS FOR ITEM 442 WITH THE APPROPRIATE DENSITY SPECIFICATION FOR ASPHALT CONCRETE IN THESE AREAS AS DIRECTED BY THE ENGINEER.

ANTI-SEGREGATION EQUIPMENT

ITEMS 441 AND 442 HAVE A PAY ITEM FOR ANTI-SEGREGATION EQUIPMENT. THIS ITEM REQUIRES THE CONTRACTOR TO PROVIDE EQUIPMENT TO REMIX THE ASPHALT CONCRETE AFTER DISCHARGING FROM THE TRUCKS.

THE CUBIC YARDS CALCULATED FOR THIS ITEM SHOULD INCLUDE THE TOTAL QUANTITY OF SURFACE AND INTERMEDIATE COURSE ON THE PRIORITY SYSTEM ROUTE DRIVING LANES, ACCELERATION AND DECELERATION LANES, RAMPS, ETC., BUT NOT INCLUDING SHOULDERS.

ITEM 617 - COMPACTED AGGREGATE, AS PER PLAN

THE QUANTITY FOR COMPACTED AGGREGATE WAS DETERMINED ASSUMING A WIDTH OF 2 FEET AND A AVERAGE THICKNESS OF 0.5". IN AREAS WHERE THE ELEVATION OF THE EXISTING BERM IS LESS THAN 0.5" FROM THE SHOULDER SURFACE, ADJUST THE THICKNESS AS NEEDED TO ENSURE POSITIVE DRAINAGE AWAY FROM THE PAVEMENT IS MAINTAINED.

ENVIRONMENTAL COMMITMENT

IN ORDER TO PROTECT ODOT POLLINATOR HABITAT SITES AND MITIGATION STREAMS, THE STAGING AND STORAGE OF EQUIPMENT AND MATERIALS SHALL NOT OCCUR AT THE US 30 AND US 68 INTERCHANGE/IN-FIELD AREAS.

ALTERNATE METHODS

IF THE CONTRACTOR SO ELECTS, THEY MAY SUBMIT ALTERNATE METHODS FOR MAINTENANCE OF TRAFFIC PROVIDED THE INTENT OF THE ABOVE PROVISIONS ARE FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THERE FROM. NO ALTERNATE PLAN SHALL BE PLACED INTO EFFECT UNTIL APPROVAL HAS BEEN GRANTED, IN WRITING, BY THE DISTRICT CONSTRUCTION ENGINEER.

PAVER MOUNTED THERMAL PROFILING

METHODS AND PROCEDURES FOR DETERMINING THE THERMAL PROFILE USING A PAVER-MOUNTED THERMAL IMAGING SYSTEM SHALL CONFORM TO THE SPECIFICATIONS FOUND IN SPECIAL PROVISION 400, PAVER MOUNTED THERMAL PROFILING.

ODOT OFFICE OF PAVEMENT ENGINEERING SHALL BE NOTIFIED AT LEAST TWO WEEKS PRIOR TO THE START OF PMTP DATA COLLECTION.

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

WINDOW CONTRACT TABLE

DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS TO COMPLETE	DISINCENTIVE \$ PER DAY	WORK WINDOW	
			START	END
PAVEMENT REPAIRS ON HAN/WYA-68/15/23	60	\$1,000 PER DAY	4/15/24	6/15/24

DESIGN AGENCY



DESIGNER
GLI

REVIEWER
MPB 4-21-23

PROJECT ID
114926

SHEET TOTAL
4 | 23