PRE-503/VAR-5.58/VAR

SEE SHEETS 2-5

LOCATION MAP

LATITUDE: 39°64'78" LONGITUDE: -84°52'72"

PORTION TO BE IMPROVED	
INTERSTATE HIGHWAY	
FEDERAL ROUTES	
STATE ROUTES	
COUNTY & TOWNSHIP ROADS	
OTHER ROADS	

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

PRE-503/VAR-5.58/VAR

VILLAGE OF CAMDEN, VILLAGE OF GRATIS, VILLAGE OF LEWISBURG, VILLAGE OF NEW PARIS GRATIS TOWNSHIP, LANIER TOWNSHIPS

PREBLE COUNTY

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DESIGN DESIGNATION PRE-725 PRE-725 PRE-725 PRF-121 PRF-122 PRF-122 PRE-503 PRE-503 1.37-1.62 17.76-18.38 18.38-18.58 10.48-12.02 19.81-20.47 20.47-20.85 8.22-8.82 5.58-10.48 8.82-9.18 15.25-15.79 15.79-18.48 CURRENT ADT (2023) 1,400 4,200 3,500 1,600 4,000 3,000 3,600 DESIGN YEAR ADT (2035) 3,100 3.600 4.300 1.600 2.200 DESIGN HOURLY VOLUME (2035)_______300 350 150 350 200 400 400 350 450 150 300 53.2% 50.8% DIRECTIONAL DISTRIBUTION _____ 62.3% 50.0% 50.0% 54.8% 53.8% 50.0% 50.0% 53.8% 6.0% 5.0% 14 0% 7.0% 8.0% TRUCKS (24 HOUR B&C) _____ 5.0% 7.0% DESIGN SPEED ______

DESIGN EXCEPTIONS

DESIGN FUNCTIONAL CLASSIFICATION: 05 MAJOR COLLECTOR (RURAL)

ADA DESIGN WAIVERS

REQUIRED

UNDERGROUND UTILITIES Contact Two Working Days Before You Dig

LEGAL SPEED ______

NHS PROJECT ______ NO



OHIO811, 8-1-1, or 1-800-362-2764 (Non members must be called directly)

> PLAN PREPARED BY: ODOT DISTRICT 8 ENGINEERING 505 S STATE ROUTE 741 LEBANON, OHIO 45036

SUPPLEMENTAL SPECIAL ENGINEER'S SEAL: STANDARD CONSTRUCTION DRAWINGS SPECIFICATIONS PROVISIONS 100-2019 STE PROPUM ASBESTOS 12/9/22 1/21/22 MT-105.10 1/17/20 1/18/19 MT-110.10 RP-4.1 7/19/13 BP-5.1 7/15/22 TC-61.30 7/19/19 BP-7.1 1/21/22 TC-65.10 1/17/14 DATE 11.29-2022 DISTRICT DEPUTY DIRECT DENNIS TC-65.11 7/15/22 MGS-1.1 7/16/21 TC-71.10 7/15/22 1/19/18 TC-74.10 1/21/22 7/17/15 AS-1-15 DBR-3-11 7/15/11 7/21/17 MT-95 50 4/19/19 MT-97.10 4/19/19 4/19/19

FEDERAL PROJECT NUMBER

RAILROAD INVOLVEMENT

NORFOLK SOUTHERN

PROJECT DESCRIPTION

RESURFACING PROTIONS OF SR 122, SR 503 AND SR 725 AND UPGRADING CURB RAMPS IN CAMDEN, GRATIS, LEWISBURG AND NEW PARIS IN PREBLE

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 2.878 ACRES ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 2.878 ACRES NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES ROUTINE MAINTNENANCE PROJECT

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

> I HEARBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY WILL BE AS SET FORTH ON THE PLANS AND ESTIMATE.

JED DO

102834

DIRECTOR, DEPARTMENT OF TRANSPORTATION

PROJECT LOCATION



JED JDO

102834 P.3 TOTAL

NOT TO SCALE

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER UNLESS AUTHORIZED BY THE ENGINEER". THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DIRECTION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THE PROJECT.

PERMANENT PAVEMENT MARKINGS

THE CONTRACTOR SHALL REFERENCE ALL PAVEMENT MARKINGS INCLUDING AUXILIARY PAVEMENT MARKINGS BEFORE THE START OF THE RESURFACING OPERATION. THIS WILL BE NECESSARY TO ASSURE THE CORRECT PLACEMENT OF MARKINGS IN ORIGINAL LOCATIONS (EXCEPT WHERE NOTED). FOR CENTER LINE MARKINGS, THE CONTRACTOR SHALL INSTALL THE PASSING/NO PASSING ZONE MARKINGS ACCORDING TO THE CURRENT CENTER LINE LOGS AVAII BI F AT

http://www.dot.state.oh.us/Divisions/Operations/Traffic/miscellaneous/ Pages/CenterlinePassingandNoPassingZoneLogs.aspx PAYMENT FOR THIS OPERATION SHALL BE INCLUDED WITH **FACH RESPECTIVE PAVEMENT MARKING ITEM**

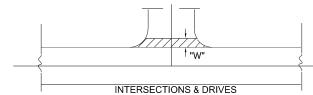
ITEM 623- CONSTRUCTION LAYOUT STAKES, AS PER PLAN

PRIOR TO THE START OF ROADWAY OPERATION, THE CONTRACTOR SHALL REFERENCE THE LENGTH OF THE PROJECT ON BOTH SIDES OF THE ROADWAY, IN A MANNER SATISFACTORY TO THE ENGINEER. THE PAVEMENT SHALL BE REFERENCED IN 1000' FEET INCREMENTS, OR IN INCREMENTS ACCEPTABLE TO THE ENGINEER, IN A SEMIPERMANENT CONDITION.

UTILITIES (PAVING)

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

INTERSECTIONS AND DRIVES



INTERSECTION AND DRIVES QUANTITIES ARE INCLUDED IN THE ASPHALT CONCRETE QUANTITIES. INTERSECTION QUANTITIES HAVE BEEN ESTIMATED AT 15' MEASURED FROM EDGE OF PAVED SHOULDER, DRIVE QUANTITIES HAVE BEEN ESTIMATED AT 3' "W" MEASURED FROM EDGE OF PAVED SHOULDER.

PERFORM WORK PER SPECIFIED OFFSET LIMITS UNLESS THERE IS AN EXISTING JOINT LOCATED CLOSER TO THE EDGE OF PAVED SHOULDER, IN WHICH CASE END WORK AT SAID JOINT.

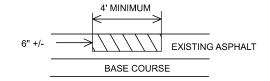
COORDINATION BETWEEN CONTRACTORS

THE CONSTRUCTION AT SR 725 AND SR 127 MAY REQUIRE THE CONTRACTOR TO COORDINATE WITH THE ADJACENT PROJECT, PID 111659.

COOPERATION WITH THE ENGINEER, INSPECTORS, AND ALL OTHER CONTRACTORS ON OR ADJACENT TO THE PROJECT IS REQUIRED, AS PER CMS 105.08.

ITEM 253- PAVEMENT REPAIR (A)

AN ESTIMATED QUANTITY OF 550 CU YDS OF ITEM 253-PAVEMENT REPAIR HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER. THIS OPERATION SHALL BE PERFORMED BEFORE PAVEMENT PLANING OF ROADWAY.



EXISTING DETERIORATED ASPHALT SHALL BE REMOVED TO A MAXIMUM DEPTH OF 6 INCHES OR AS DIRECTED BY THE ENGINEER AND REPLACED WITH ITEM 301 ASPHALT CONCRETE BASE SHALL BE COMPACTED AS PER 401.15 AND IN APPROXIMATELY EQUAL LAYERS. THE LOCATIONS AND SIZE OF THE REPAIRS SHALL BE DETERMINED BY THE ENGINEER. DO NOT DISTURB THE EXISTING BRICK PAVEMENT.

MANHOLES AND VALVES ADJUSTED TO GRADE (PRIVATELY OWNED)

ALL MANHOLE AND VALVES ENCOUNTERED IN AREAS THAT REQUIRE GRADE ADJUSTMENT WILL BE PERFORMED PRIOR TO THE APPLICATION OF THE SURFACE COURSE BY THE UTILITY OWNER. CONTACT THE UTILITY OWNER 2 WEEKS PRIOR TO WHEN THE ADJUSTMENTS ARE TO BE COMPLETED.

ITEM 611 - MANHOLE ADJUSTED TO GRADE

THIS WORK SHALL CONSIST OF ADJUSTING MANHOLES TO GRADE PRIOR TO THE APPLICATION OF THE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 611 - MANHOLE ADJUSTED TO GRADE........... 65 EA.

CAMDEN I FWISBURG 29 **NEW PARIS**

ITEM 611 - CATCH BASIN ADJUSTED TO GRADE

THIS WORK SHALL CONSIST OF ADJUSTING CATCH BASINS TO GRADE PRIOR TO THE APPLICATION OF THE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 611 - CATCH BASIN ADJUSTED TO GRADE....... 16 EACH

CAMDEN GRATIS NEW PARIS

ITEM 638 - VALVE BOX ADJUSTED TO GRADE

THIS WORK SHALL CONSIST OF ADJUSTING VALVE BOXES TO GRADE PRIOR TO THE APPLICATION OF THE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 638 - VALVE BOX ADJUSTED TO GRADE........ 59 EA.

CAMDEN 21 GRATIS I FWISBURG 19 **NEW PARIS**

ITEM 606 BRIDGE TERMINAL ASSEMBLY, TYPE 4, AS PER PLAN

THIS PAY ITEM SHALL INCLUDE THE COST TO FURNISH AND INSTALL ALL GUARDRAIL COMPONENTS (NORMAL AND EXTRA) OF THE 25' LONG BRIDGE TERMINAL ASSEMBLY. TYPE 4 AS SEEN ON THE PLAN INSERT SHEET.

ITEM 621- RPM REMOVED

SR 121 NEW PARIS

ITEM 621- RPM, Y/Y SR 122 GRATIS	15 EA
ITEM 621- RPM, Y/Y	50 EA
SR 503 GRATIS ITEM 621- RPM, Y/YSR 503 LEWISBURG ITEM 621- RPM, Y/Y	
SR 725 CAMDEN ITEM 621- RPM, Y/Y	60 EA
SR 725 GRATIS ITEM 621- RPM, Y/Y	205 EA
ITEM 621- RPM REPLACED	
SR 725 S.L.M. 16.26-18.47 ITEM 621- RPM, Y/YSR 503 S.L.M. 6.74-12.02 ITEM 621- RPM, Y/Y	
SR 503 LEWISBURG ITEM 621- RPM, Y/Y	

ONLY THE VILLAGE OF LEWISBURG WILL GET RPM'S REPLACE IN VILLAGE ALL OTHER RPM'S WILL BE REPLACE OUTSIDE OF VILLAGE LIMITS

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 621- RPM . 1282 FA ITEM 621- RPM REMOVED. .1571 FA

PROPOSAL NOTE 420

SMOOTHNESS PN 420 IS REQUIRED FOR PRE-503 GRATIS SLM 5.57-12.02 AND PRE-725 GRATIS SLM 15.25-18.47

DRINKING WATER RESOURCES

THIS PROJECT IS LOCATED WITHIN THE DRINKING WATER RESOURCES THE VILLAGE OF LEWISBURG WELL 0001 500 FOOT BUFFER ON SR-503 FROM SLM 25.85 TO SLM 26.15, THE VILLAGE OF LEWISBURG WELL 0002 500 FOOT BUFFER ON SR-503 FROM SLM 25.90 TO SLM 26.025, AND THE VILLAGE OF LEWISBURG WELL 0003 500 FOOT BUFFER ON SR-503 FROM SLM 25.92 TO SLM 26.28. PROJECT ALSO LOCATED WITHIN THE GREATER MIAMI SOLE SOURCE AQUIFER ON SR-725 FROM SLM 8.77 TO SLM 9.17 AND ON SR-503 FROM SLM 12 81 TO SLM 13 18 AND FROM SLM 17 65 TO SLM 18.69. USE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS. DO NOT STORE FUELS, TOXIC/HAZARDOUS MATERIALS, AND CHEMICALS NEAR DRAINAGE WAYS, DITCHES, OR STREAMS. MAINTAIN A SPILL KIT ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS, OR CHEMICALS, THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. REPORT ALL SPILLS OR EVENTS TO THE PREBLE COUNTY EMA, (937) 456-5647. IF THE SPILLIS A REPORTABLE AMOUNT (PER OHIO EPA'S RELEASE REPORTING REQUIREMENTS), IN LEWISBURG CONTACT THE LEWISBURG FIRE DEPARTMENT, (937) 962-4640, IN CAMDEN CONTACT THE GASPER TOWNSHIP FIRE AND EMS, (937) 472-0100, IN GRATIS CONTACT THE WEST ELKTON FIRE DEPARTMENT, (937) 787-3713, OR CONTACT THE OHIO EPA'S SPILLS HOTLINE 1-800-282-9378 FOR CLEAN-UP OF THE SPILL.

ITEM 254 PAVEMENT PLANING

LOCATIONS WITH 3"PAVEMENT PLANING: THE PAVEMENT PLANING SHALL BE SCHEDULED TO BE COVERED BY THE INTERMEDIATE COURSE PRIOR TO REOPENING THE LANE TO TRAFFIC. THE COST OF THE ABOVE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RESPECTIVE ITEM. A DISINCENTIVE IN THE AMOUNT OF \$1.800 SHALL BE ASSESSED FOR EACH DAY A PLANED SURFACE IS OPEN TO TRAFFIC.

LOCATIONS WITH 1.5" PAVEMENT PLANING: THE PAVEMENT PLANING SHALL BE SCHEDULED TO BE COVERED BY THE SURFACE COURSE PRIOR TO REOPENING THE LANE TO TRAFFIC EXCEPT THE CON-TRACTOR IS PERMITTED TO MILL AHEAD 1000 FEET BEYOND THE PLACED SURFACE COURSE. THE MILLED AHEAD SURFACE SHALL BE COVERED BY THE SURFACE COURSE ASPHALT WITHIN 72 HOURS OF BEING OPEN TO TRAFFIC. ADDITIONALLY, THE MILLED AHEAD SURFACE SHALL NOT BE LOCATED WITHIN AN INTERSECTION OR RAMP. THE MILLED AHEAD SURFACE SHALL BE SMOOTH, FREE OF DEBRIS, AND FREE OF POTHOLES. A DISINCENTIVE IN THE AMOUNT OF \$1,500 SHALL BE ASSESSED FOR EACH DAY THE CONTRACTOR FAILS TO MEET ANY OF THESE REQUIREMENTS.

ADA WAIVER

AN APPROVED ADA DESIGN WAIVER IS REQUIRED ON THIS PROJECT. THE FOLLOWING FEATURES LISTED BELOW CANNOT FEASIBLY BE CONSTRUCTED TO MEET ADA GUIDELINES.

ADA DESIGN WAIVER

ADA FEATURE	APPROVAL DATE	SHEET NUMBERS
RMP0010223	1/18/2023	NO WORK
RMP0010223	1/24/2023	NO WORK
RMP0010225	1/24/2023	NO WORK
RMP0010232	1/24/2023	NO WORK
RMP0010231	10/26/2023	PG 19, REF-C31
RMP0010228	1/26/2023	NO WORK
RMP0010227	1/26/2023	NO WORK



IFD DO

102834

P.6 42