

R L

BEGIN PROJECT - WAY-585-11.98

SR 57 SLM 12.15

WARWICK RD SLM 12.34

01/STR/05

WAY-585

SR 94/SR 604-13.85

END PROJECT - WAY-585-13.85

SR 57 SLM 12.15

E STEINER RD SLM 12.69

01/STR/05

MED-83

GREENWICH RD SLM 2.61

END PROJECT - MED-83-2.61

R

BEGIN PROJECT - MED-85-0.91

WHITE RD SLM 1.06

SEVILLE RD SLM 1.51

BRIDGE MED-83-1.71-02/STR/13

WHEELING & LAKE ERIE R W SLM 1.79

CSX R R SLM 2.13
DOT# 142049B
RRMP# BG 164.19

HARRIS RD SLM 2.40

ENTER LODI CORP SLM 2.47

DESIGN AGENCY
DISTRICT 3



ENGINEERING
TEAM ONE

DESIGNER
HAG

REVIEWER
KRB 10-05-23

PROJECT ID
116947

SHEET TOTAL
P.3 13

STRAIGHT LINE DIAGRAM

MED/WAY-83/585-0.91/11.98

MODEL: GEN NOTES: 1, PAPER SIZE: 34x22 (in.) DATE: 1/4/2024 TIME: 5:40:04 PM USER: ksalay pvc:\ohiodot-pw-bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 03\Medina\116947400-Engineering\Roadway\Sheets\116947_GN001.dgn

UTILITIES (G102A)

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

| | | |
|---|--|--|
| MED-83: | | |
| GAS COLUMBIA GAS OF OHIO 7080 FRY ROAD MIDDLEBURG HEIGHTS, OH 44130 440.891.2428 | GAS TC ENERGY 589 N STATE ROAD MEDINA, OH 44256 330.721.4163 | |
| GAS ENERGEX POWER 353 E LINCOLN HIGHWAY COATESVILLE, PA 19320 724.622.0093 | GAS ASPIRE ENERGY 300 TRACY BRIDGE ROAD ORRVILLE, OH 44667 330.682.7726 | |
| COMMUNICATION FRONTIER COM 83 TOWNSEND AVENUE NORWALK, OH 44857 419.744.3613 | GAS KING DRILLING COMPANY 24 W. MAIN STREET SEVILLE, OH 44273 330.769.3434 | |
| GAS KNOX ENERGY 11872 WORTHINGTON RD PATASKALA, OH 43062 740.927.6731 | ELECTRIC LORAIN-MEDINA RURAL ELECTRIC P.O. BOX 158 WELLINGTON, OH 44090 800.222.8673 | |
| COMMUNICATION VERIZON BUSINESS 120 RAVINE STREET AKRON, OH 44303 330.253.8267 | COMMUNICATION MEDINA COUNTY FIBER NETWORKS 144 NORTH BROADWAY ST MEDINA, OHIO 44256 216.832.7059 | |
| CABLE CHARTER COMMUNICATIONS 5520 WHIPPLE AVENUE NW NORTH CANTON, OH 44720 330.494.9200 | | |
| WAY-585: | | |
| COMMUNICATION BRIGHTSPEED 203 W. 9TH STREET LORAIN, OH 44052 440.244.8330 | COMMUNICATION DOYLESTOWN TELEPHONE 37 E. MARION STREET DOYLESTOWN, OH 44230 330.658.2121 | |
| GAS DOMINION 320 SPRINGSIDE DRIVE, SUITE 320 AKRON, OH 44333 800.362.7557 | GAS NORTHEAST OHIO NATURAL GAS 9081 STATE ROUTE 250 STRASBURG, OH 44680 330.878.5589 | |
| TRAFFIC ODOT DISTRICT THREE 906 CLARK AVENUE ASHLAND, OH 44805 419.207.2868 | ELECTRIC OHIO EDISON 1717 ASHLAND ROAD MANSFIELD, OH 44905 419.521.6214 | |
| CITY CITY OF ORRVILLE UTILITIES 207 NORTH MAIN STREET ORRVILLE, OH 44667 330.684.5000 | CABLE CHARTER COMMUNICATIONS 5520 WHIPPLE AVENUE NW NORTH CANTON, OH 44720 330.494.9200 | |

THE AFOREMENTIONED UTILITY COMPANIES AND AGENCIES HAVE VARIOUS FACILITIES IN THE AREA THAT WILL REMAIN IN PLACE DURING CONSTRUCTION.

EXTREME CAUTION SHOULD BE EXERCISED IN AREAS WITH UTILITIES. SECTIONS 105.07 AND 107.16 OF THE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS REQUIRE, AMONG OTHER THINGS, THAT THE CONTRACTOR COOPERATE WITH ALL UTILITIES LOCATED WITHIN THE LIMITS OF THIS CONSTRUCTION PROJECT AND TAKE RESPONSIBILITY FOR THE PROTECTION OF THE UTILITY PROPERTY AND SERVICES.

EXISTING PLANS (G103)

EXISTING PLANS ENTITLED MED-83-0.93 (2009) AND WAY-585-11.96 (2015) MAY BE INSPECTED IN THE ODOT DISTRICT THREE OFFICE IN ASHLAND.

WORK LIMITS (G106)

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.

ROUTINE MAINTENANCE

BETWEEN THE TIME THAT BIDS ARE TAKEN AND THE START OF CONSTRUCTION, THE MAINTAINING AGENCY MAY ENTER UPON THE PROJECT AND PERFORM ROUTINE MAINTENANCE SUCH AS CRACK SEALING, PATCHING, AND BERM AND SHOULDER REPAIR. THE EFFECTS, IF ANY, OF THE PERFORMANCE OF ROUTINE MAINTENANCE SHALL BE CONSIDERED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE PLAN AND THE RESULTING CONDITIONS SHALL NOT BE CONSIDERED AS DIFFERING MATERIALLY FROM THOSE EXISTING AT THE TIME BIDS WERE TAKEN.

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS (G118B)

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 15' ABOVE GROUND LEVEL. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA) AND THE DISTRICT THREE FAA COORDINATOR 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 VIA THE FAA OBSTRUCTION EVALUATION GROUP'S ONLINE PROJECT FILING PROCESS. NOTIFY THE ODOT DISTRICT THREE FAA COORDINATOR 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 AND THE DISTRICT FAA COORDINATOR VIA EMAIL AT Ethan.Caudill@dot.ohio.gov.

FEDERAL AVIATION ADMINISTRATION
SOUTHWEST REGIONAL OFFICE
OBSTRUCTION EVALUATION GROUP
10101 HILLWOOD PARKWAY
FORT WORTH, TX 76177
FAX: 817.222.5920
http://oeaaa.faa.gov

ODOT DISTRICT THREE
DISTRICT FAA COORDINATOR
906 CLARK AVENUE
ASHLAND, OHIO 44805
419.207.7132
Ethan.Caudill@dot.ohio.gov

| FAA AERONAUTICAL STUDY NUMBER | CTY | RTE | SLM | LAT-LONG | | AMSL ELEV. | WORKING HEIGHT |
|-------------------------------|-----|-----|-------|-------------|--------------|------------|----------------|
| | | | | LATITUDE | LONGITUDE | | |
| 2023-AGL-15457-OE | WAY | 585 | 13.00 | 40.93450000 | -81.75211900 | 1086 | 15 FT |

PAVING AT RAILROAD CROSSING (P101)

WORK THE CROWN OUT OF THE PROPOSED PAVEMENT ON EACH SIDE OF THE RAILROAD CROSSING, BEGINNING 50 FEET FROM THE NEAREST RAIL, BY RAISING THE EDGES OF THE NEW PAVEMENT TO MEET THE PLATFORM ELEVATION.

ITEM 209 – LINEAR GRADING

THE CONTRACTOR IS REQUIRED TO PERFORM LINEAR GRADING ON THE GRADED SHOULDER. IT IS ANTICIPATED THAT THERE ARE AREAS WHERE THE GRADED SHOULDER IS AT A HIGHER ELEVATION THAN THE ADJACENT PROPOSED PAVEMENT. A 10:1 SLOPE SHALL BE ESTABLISHED, OR AS DIRECTED BY THE ENGINEER, WHEN PERFORMING ITEM 209 LINEAR GRADING. THE INTENT IS TO PROVIDE AN UNOBSTRUCTED AND POSITIVE FLOW OF STORM WATER FROM THE PAVEMENT TO THE DITCH. THE LINEAR GRADING SHALL BE PERFORMED AFTER THE INTERMEDIATE COURSE HAS BEEN COMPLETED AND BEFORE THE SURFACE COURSE IS PLACED. ALL LABOR AND EQUIPMENT NECESSARY TO PERFORM THE ABOVE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID PER MILE FOR ITEM 209 - LINEAR GRADING.

PAVEMENT CORING INFORMATION

| COUNTY | ROUTE | SLM | ASPHALT (IN) | CONCRETE (IN) | BRICK (IN) | LOCATION | DIRECTION | YEAR CORED |
|--------|-------|-----|--------------|---------------|------------|----------------|-----------|------------|
| MED | 83 | 1.0 | 11.0 | 0.0 | 0.0 | LT. WHEEL PATH | NB | 2022 |
| MED | 83 | 1.0 | 12.0 | 0.0 | 0.0 | RT. WHEEL PATH | NB | 2022 |
| MED | 83 | 1.0 | 9.5 | 0.0 | 0.0 | EDGE LINE | NB | 2022 |
| MED | 83 | 1.5 | 17.5 | 0.0 | 0.0 | LT. WHEEL PATH | NB | 2022 |
| MED | 83 | 1.5 | 11.0 | 0.0 | 0.0 | RT. WHEEL PATH | NB | 2022 |
| MED | 83 | 1.5 | 11.0 | 0.0 | 0.0 | EDGE LINE | NB | 2022 |
| MED | 83 | 2.0 | 12.0 | 0.0 | 0.0 | LT. WHEEL PATH | NB | 2022 |
| MED | 83 | 2.0 | 11.5 | 0.0 | 0.0 | RT. WHEEL PATH | NB | 2022 |
| MED | 83 | 2.6 | 12.0 | 0.0 | 0.0 | EDGE LINE | NB | 2022 |

**ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) (301)
ITEM 253 – PAVEMENT REPAIR**

THESE ITEMS OF WORK SHALL CONSIST OF THE REMOVAL OF THE EXISTING PAVEMENT OR PAVED BERM WHICH MAY BE ASPHALT, BRICK, CONCRETE, OR A COMBINATION OF EACH, IN AREAS OF EXISTING PAVEMENT FAILURE. CORING HAS BEEN PERFORMED TO HELP DETERMINE THE COMPONENTS THAT MAY BE ENCOUNTERED DURING THIS ITEM OF WORK. THE PAVEMENT CORING INFORMATION IS SHOWN ON THIS SHEET.

PAVEMENT REPAIR SHALL BE PERFORMED AFTER PAVING PLANING AND BEFORE PLACEMENT OF THE INTERMEDIATE AND/OR SURFACE COURSE. THE DEPTH OF REMOVAL SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT BASED ON THE PAVEMENT DESIGN AND AN AVERAGE DEPTH OF 4" FOR ESTIMATING PURPOSES.

REPLACEMENT MATERIAL SHALL BE ITEM 301, OR ITEM 442 19 MM, AS PER PLAN MATERIAL AND SHALL BE PLACED AND COMPACTED TO FINISH FLUSH WITH THE ADJACENT PAVEMENT SURFACE. ITEM 301 ASPHALT CONCRETE CAN BE USED WHEN THE DEPTH OF THE REPAIR IS BETWEEN 3" AND 12" WITH A MAXIMUM PAVEMENT LIFT OF 6". ITEM 442 19 MM, AS PER PLAN CAN BE USED WHEN THE DEPTH OF THE REPAIR IS BETWEEN 1.5" AND 3".

FOR THE ITEM 442 19 MM, AS PER PLAN MATERIAL, REQUIREMENTS OF 442 APPLY EXCEPT AS FOLLOWS:
MIX DESIGN: FOR Ndes USE 50 GYRATIONS, FOR Nmax USE 75 GYRATIONS.
USE A PG 64-22 BINDER FOR 0% TO 25% RAP AND A PG 58-28 BINDER FOR 26% TO 30% RAP.
MAXIMUM RECLAIMED ASPHALT CONCRETE PAVEMENT IS 30 PERCENT.
APPLY 703.05 FOR COARSE AND FINE AGGREGATE EXCEPT GRADATION FOR FINE AGGREGATE DOES NOT APPLY.
QUALITY CONTROL: DO NOT PERFORM Nmax IN QUALITY CONTROL TESTING. DO NOT TAKE EXTRA ASPHALT BINDER SAMPLES AS OUTLINED IN CMS 442.05.

PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY TO COMPLETE THE PAVEMENT REPAIR. FOR PAYMENT PURPOSES ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) IS TO BE A MAXIMUM OF 4" DEEP AND ITEM 253 IS FOR DEPTHS GREATER THAN 4". PAYMENT WILL BE MADE AT THE UNIT BID PRICE PER CUBIC YARD, (BY TICKET WEIGHT CONVERSION), OF ITEM 251 – PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) OR ITEM 253 – PAVEMENT REPAIR. THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED IN THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER:

| PAVEMENT REPAIRS | | | | |
|---------------------------------------|-------|-------------|---------------|---------------|
| LONGITUDINAL (01/STR/05) | | | | |
| COUNTY | ROUTE | SLM | ITEM 251 (CY) | ITEM 253 (CY) |
| MED | 83 | 0.91-2.00 | 148 | 14 |
| MED | 83 | 2.00-2.61 | 83 | 8 |
| WAY | 585 | 11.98-13.00 | 92 | 9 |
| WAY | 585 | 13.00-13.85 | 77 | 8 |
| TOTALS TO GENERAL SUMMARY (01/STR/05) | | | 400 | 39 |
| TRANSVERSE (01/STR/05) | | | | |
| COUNTY | ROUTE | SLM | ITEM 251 (CY) | ITEM 253 (CY) |
| MED | 83 | 0.91-2.00 | 16 | 2 |
| MED | 83 | 2.00-2.61 | 9 | 1 |
| WAY | 585 | 11.98-13.00 | 10 | 1 |
| WAY | 585 | 13.00-13.85 | 8 | 1 |
| TOTALS TO GENERAL SUMMARY (01/STR/05) | | | 43 | 5 |

WORK LOCATIONS FOR PROPOSAL NOTE 420

PROPOSAL NOTE 420 IS REQUIRED FOR THE WORK ON SR 83.
PROPOSAL NOTE 420 IS NOT REQUIRED FOR THE WORK ON SR 585.

COORDINATION WITH CSX TRANSPORTATION

- FOR RAILROAD CROSSING AT MED-83, SLM 2.13:
- IF ANY ISSUE OR INCIDENT OCCURS WITHIN CSXT ROW, PLEASE CONTACT THE CSXT PUBLIC SAFETY COORDINATION CENTER AT 800-232-0144.
 - EROSION CONTROL DEVICES SHALL NOT BE PLACED WITHIN 15 FT FROM CENTER LINE OF RAILROAD TRACKS.
 - LINEAR GRADING WORK SHALL NOT BE PERFORMED WITHIN CSXT ROW LIMITS.
 - ROADWAY FLAGGERS MUST BE PRESENT ON EACH SIDE OF THE RAILROAD CROSSING ANY TIME TRAFFIC IS DIRECTED INTO OPPOSING TRAFFIC LANES AT THE RAILROAD CROSSING.
 - CHANNELIZATION/MOT DEVICES SHALL NOT BE PLACED WITHIN 15 FT FROM CENTER LINE OF RAILROAD TRACKS.

GENERAL NOTES

| | |
|----------------------|------------|
| DESIGN AGENCY | DISTRICT 3 |
| ENGINEERING TEAM ONE | |
| DESIGNER | KRB |
| REVIEWER | NRF |
| PROJECT ID | 116947 |
| SHEET | P.5 |
| TOTAL | 13 |