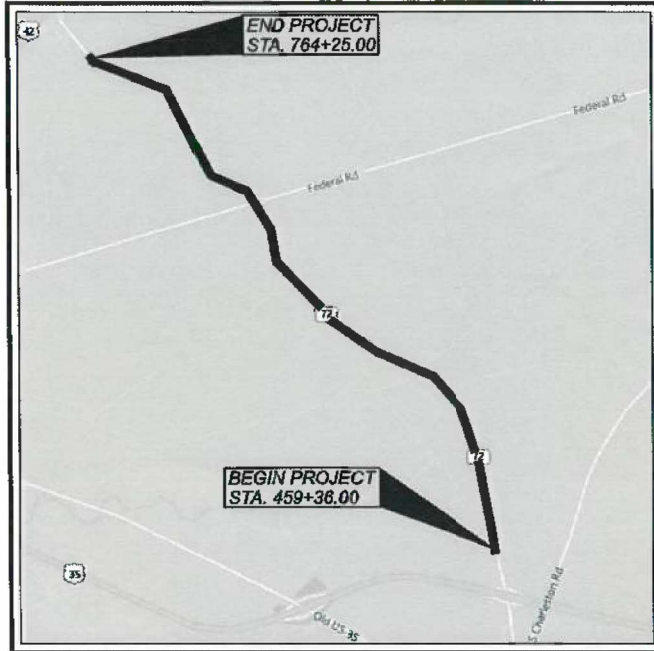


STATE OF OHIO DEPARTMENT OF TRANSPORTATION

GRE-72-8.71 VILLAGE OF CEDARVILLE ROSS TOWNSHIP CEDARVILLE TOWNSHIP GREENE COUNTY, OHIO



LOCATION MAP

LATITUDE: 39°40'30" N LONGITUDE: 83°44'15" W



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

| DESIGN DESIGNATION | SLM = 8.70 | 12.52 | 14.42 |
|-----------------------------|------------|----------|----------|
| | TO 12.52 | TO 14.42 | TO 14.48 |
| CURRENT ADT (2024) | 2,600 | 2,500 | 3,900 |
| DESIGN YEAR ADT (2044) | 3,000 | 3,100 | 4,100 |
| DESIGN HOURLY VOLUME (2024) | 300 | 300 | 400 |
| DIRECTIONAL DISTRIBUTION | 0.57 | 0.59 | 0.59 |
| TRUCKS (24 HOUR B&C) | 28% | 30% | 18% |
| DESIGN SPEED | 60 | 60 | 60 |
| LEGAL SPEED | 55 | 55 | 55 |

DESIGN FUNCTIONAL CLASSIFICATION:
05 MAJOR COLLECTOR (RURAL)

NHS PROJECT _____ NO

DESIGN EXCEPTIONS

| DESIGN FEATURE | APPROVAL DATE | SHEET NUMBERS |
|---------------------|---------------|---|
| HORIZ. CURVE RADIUS | 04/02/2021 | P.2,P.3,P.4,P.41,P.42,P.46, P.50,P.51,P.55,P.61, P.64,P.65,P.68,P.70,P.82 |

SUPERELEVATION RATE 04/02/2021 P.2,P.4,P.39,P.72,
P.245,P.255

UNDERGROUND UTILITIES

**Contact Two Working Days
Before You Dig**



OHIO811.org
Before You Dig

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

PLAN PREPARED BY:
OHM ADVISORS
580 NORTH FOURTH STREET, SUITE 810
COLUMBUS, OHIO 43215

ENGINEER'S SEAL:



SIGNATURE: *Frances Rubio Rourke*
DATE: _____

INDEX OF SHEETS:

| | |
|-------------------------------|---------------|
| TITLE SHEET | P.1 |
| SCHEMATIC PLAN | P.2 - P.4 |
| TYPICAL SECTIONS | P.5 - P.7 |
| GENERAL NOTES | P.8 - P.10 |
| MAINTENANCE OF TRAFFIC | P.11 - P.36 |
| GENERAL SUMMARY | P.37 - P.39 |
| DRAINAGE SUBSUMMARY | P.40 |
| PAVEMENT CALCULATIONS | P.41 - P.43 |
| PROJECT SITE PLAN | P.44 - P.50 |
| PLAN INSERT SHEETS | P.51 - P.56 |
| ROADWAY SUBSUMMARY | P.57 - P.60 |
| PLAN AND PROFILE | P.61 - P.108 |
| EARTHWORK SUBSUMMARY | P.109 - P.110 |
| CROSS SECTIONS | P.111 - P.270 |
| SUPERELEVATION TABLES | P.271 - P.282 |
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| DRIVE DETAILS | P.288 - P.289 |
| HEADWALL DETAIL | P.290 |
| CULVERT DETAILS | P.291 - P.301 |
| TRAFFIC CONTROL | P.302 - P.315 |
| STRUCTURES 20' SPAN AND UNDER | |
| GRE-72-0946 | P.316 - P.320 |
| GRE-72-1033 | P.321 - P.325 |
| GRE-72-1175 | P.326 - P.331 |
| RIGHT OF WAY | P.332 - P.390 |
| SOIL PROFILE - ROADWAY | P.391 - P.421 |

| STANDARD CONSTRUCTION DRAWINGS | | | | | | SUPPLEMENTAL SPECIFICATIONS | | SPECIAL PROVISIONS | |
|--------------------------------|---------|----------|---------|-----------|----------|-----------------------------|----------|--------------------|---------|
| BP-3.1 | 1/21/22 | MH-3 | 7/18/21 | MT-97.10 | 4/19/19 | 800-2019 | 7/15/22 | WATERWAY | |
| BP-3.2 | 1/18/19 | | | MT-97.12 | 1/20/17 | 832 | 10/19/18 | PERMIT | 4/28/21 |
| BP-4.1 | 7/19/13 | RM-1.1 | 1/15/21 | MT-97.20 | 4/19/19 | 843 | 10/18/19 | | |
| | | | | MT-101.60 | 1/17/20 | 844 | 4/20/18 | | |
| CB-2-2B | 7/16/21 | DBR-2-73 | 7/19/02 | MT-101.70 | 1/17/20 | 846 | 4/17/15 | | |
| | | DBR-3-11 | 7/15/11 | MT-101.75 | 1/17/20 | 872 | 4/17/20 | ASBESTOS | |
| DM-1.1 | 7/17/20 | | | MT-101.90 | 7/17/20 | 874 | 4/17/20 | INSPECTION REPORT | |
| DM-4.3 | 1/15/16 | DS-1-92 | 7/18/03 | MT-105.10 | 1/17/20 | 875 | 1/18/19 | REPORT | 4/1/22 |
| DM-4.4 | 1/15/16 | | | | | 878 | 4/18/21 | | |
| MGS-1.1 | 7/16/21 | HW-2.1 | 7/20/18 | TC-41.20 | 10/18/13 | | | | |
| MGS-2.1 | 1/19/18 | HW-2.2 | 7/20/18 | TC-41.30 | 10/18/13 | | | | |
| MGS-2.3 | 7/18/14 | | | TC-42.20 | 10/18/13 | | | | |
| MGS-3.1 | 1/19/18 | | | TC-61.30 | 7/19/19 | | | | |
| MGS-3.3 | 1/19/18 | | | TC-64.10 | 7/16/21 | | | | |
| MGS-4.3 | 1/18/13 | | | TC-65.10 | 1/17/14 | | | | |
| MGS-5.3 | 7/15/16 | | | TC-65.11 | 7/21/17 | | | | |

FEDERAL PROJECT NUMBER

E200 (555)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

IMPROVEMENT OF 5.78 MILES OF SR 72 INCLUDING PAVEMENT PLANING, RESURFACING, AND WIDENING OF SHOULDER SECTIONS, REPLACEMENT OF AN EXISTING BOX CULVERT, REHABILITATION OF AN ARCH TOP CULVERT AND REHABILITATION OF A SINGLE SPAN CONCRETE SLAB BRIDGE.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 31.7 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 1 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 32.7 ACRES

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 HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE REROUTING OF TRAFFIC THROUGHOUT APPROXIMATELY HALF OF THE PROJECT AND DURING SIDE ROAD CLOSURES. PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AS REFERENCED ON SHEETS 10-39 AND ESTIMATES.

APPROVED *Tany K Cepbell*
DATE 9-7-2022 DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

TITLE SHEET

| | |
|---------------|---------|
| DESIGN AGENCY | OHM |
| DESIGNER | BLC |
| REVIEWER | FRR |
| PROJECT ID | 112038 |
| SHEET TOTAL | P.1 421 |

GRE-72-8.71 MODEL SHEET PAPER SIZE: 17x11(in.) DATE: 8/26/2022 TIME: 4:31:51 PM USER: cdeklb P:\6101_6500\6406200020_GRE-72-8.71\0001\112038_GRE-72-8.71\100-Engineer\mg\112038_01001.dgn