

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

GEA-608-7.53

Claridon Towship
Hambden Towship
Geauga County

FEDERAL PROJECT NUMBER

(E191)036

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

The project consists of the resurfacing of SR-608 from SR-322 (Mayfield Rd) to Sisson Rd in Claridon and Hambden Townships.

EARTH DISTURBED AREAS

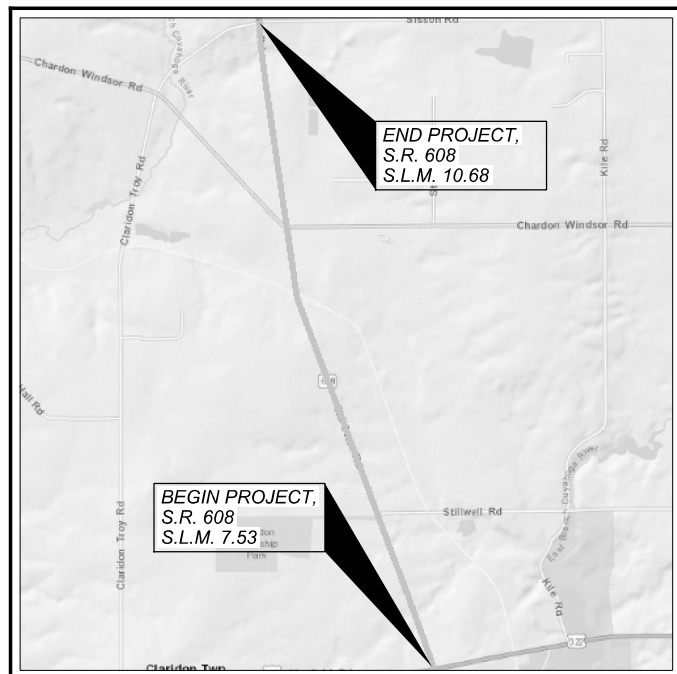
PROJECT EARTH DISTURBED AREA: N/A Maintenance Project
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A Maintenance Project
NOTICE OF INTENT EARTH DISTURBED AREA: N/A Maintenance Project

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

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.



LOCATION MAP

LATITUDE: 41° 32' 49.8" LONGITUDE: -81° 07' 23.8"



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

| | |
|-----------------------------------|---------------|
| DESIGN DESIGNATION | S.L.M |
| | 7.53 to 12.84 |
| CURRENT ADT (2020) | 2,900 |
| DESIGN YEAR ADT (2040) | 3,200 |
| DESIGN HOURLY VOLUME (2040) | 300 |
| DIRECTIONAL DISTRIBUTION | 0.01 |
| TRUCKS (24 HOUR B&C) | 15% |
| DESIGN SPEED | 45 |
| LEGAL SPEED | 45 |
| DESIGN FUNCTIONAL CLASSIFICATION: | |
| Rural Major Collector | |
| NHS PROJECT | NO |

DESIGN EXCEPTIONS

None

INDEX OF SHEETS:

| | |
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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:
ODOT - District 12
Planning and Engineering
5500 Transportation Blvd.
Garfield Heights, OH 44125

ENGINEER'S SEAL:

STATE OF OHIO

Eric Matthew Kallio
E - 59990
REGISTERED PROFESSIONAL ENGINEER

SIGNED: *E. M. Kallio*
DATE: 10-14-2020

| STANDARD CONSTRUCTION DRAWINGS | | | | | | SUPPLEMENTAL SPECIFICATIONS | SPECIAL PROVISIONS |
|--------------------------------|----------|-----------|---------|----------|----------|-----------------------------|--------------------|
| BP-3.1 | 01/17/20 | MT-97.10 | 4/19/19 | TC-41.20 | 10/18/13 | 800-2020 | 10/16/20 |
| | | MT-97.12 | 1/20/17 | TC-61.10 | 1/17/20 | 821 | 4/20/12 |
| | | MT-99.20 | 4/19/19 | TC-64.10 | 1/17/20 | 832 | 10/16/18 |
| | | MT-101.90 | 7/17/20 | TC-65.10 | 1/17/14 | 872 | 4/17/20 |
| | | MT-105.10 | 1/17/20 | TC-65.11 | 7/21/17 | 874 | 4/17/20 |
| | | | | TC-71.10 | 1/19/18 | 875 | 1/18/19 |
| | | | | TC-82.10 | 7/19/19 | 921 | 4/20/12 |

APPROVED
DATE 10/21/20 DISTRICT DEPUTY DIRECTOR

APPROVED
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

DESIGN AGENCY



DESIGNER
JDA

REVIEWER

EJK 08-03-20

PROJECT ID

99628

SHEET TOTAL

1 | 22


Title Sheet

GEA-608-7.53

MODEL: Sheet PAPER SIZE: 17x11 (in.) DATE: 1/15/2021 TIME: 10:21:43 AM USER: jalbrt1 pwc:\ohiodot-pw-bentley.com\shahid-cpw-02\Documents\01 Active Projects\District 12\Geauga\99628\400-Engineering\Roadway\Sheets\99628_GT001.dgn

| REF. NO. | SHEET NO. | PLAN SPLIT NO. | STATION TO STATION | LENGTH | BEGIN WIDTH | ENDING WIDTH | AVERAGE WIDTH | AREA | LINEAR GRADING, AS PER PLAN | ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), AS PER PLAN, 1-1/2" | PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 1.5" | NON-TRACKING TACK COAT | COMPACTED AGGREGATE, AS PER PLAN | LONGITUDINAL JOINT PREPARATION | |
|--|-----------|----------------|--------------------|-----------|-------------|--------------|---------------|---------|-----------------------------|---|---|------------------------|----------------------------------|--------------------------------|----------|
| | | | | FT. | FT. | FT. | FT. | SQ. YD. | | | | | | | MILE |
| | | | <i>S.R. 608</i> | | | | | | | | | | | | |
| | 1 | | 0+17.49 | 0+56.82 | 39.33 | 135.00 | 26.00 | 80.50 | 351.79 | 0.01 | 15 | 351.79 | 30 | 0.2 | 39.33 |
| | 1 | | 0+56.82 | 39+67.84 | 3911.02 | 26.00 | 26.00 | 26.00 | 11298.51 | 1.48 | 471 | 11298.51 | 960 | 24.1 | 3911.02 |
| | 1 | | 39+67.84 | 39+96.21 | 28.37 | 26.00 | 39.00 | 32.50 | 102.45 | 0.01 | 4 | 102.45 | 9 | 0.2 | 28.37 |
| | 1 | | 39+96.21 | 40+36.50 | 40.29 | 39.00 | 40.00 | 39.50 | 176.83 | 0.02 | 7 | 176.83 | 15 | 0.2 | 40.29 |
| | 1 | | 40+36.50 | 40+62.65 | 26.15 | 40.00 | 26.00 | 33.00 | 95.89 | 0.01 | 4 | 95.89 | 8 | 0.2 | 26.15 |
| | 1 | | 40+62.65 | 165+13.24 | 12450.59 | 26.00 | 26.00 | 26.00 | 35968.38 | 4.72 | 1499 | 35968.38 | 3057 | 76.9 | 12450.59 |
| | 1 | | 165+13.24 | 165+37.30 | 24.06 | 26.00 | 36.00 | 31.00 | 82.88 | 0.01 | 3 | 82.88 | 7 | 0.1 | 24.06 |
| | 1 | | 165+37.30 | 165+82.57 | 10.09 | 36.00 | 26.00 | 31.00 | 34.76 | 0.00 | 1 | 34.76 | 3 | 0.1 | 10.09 |
| SUBTOTALS | | | | | | | | | | 6.27 | 2004 | 48112 | 4089 | 102 | 16529.9 |
| TOTALS CARRIED TO GENERAL SUMMARY | | | | | | | | | | 6.27 | 2004 | 48112 | 4089 | 102 | 3.13 MI |

Pavement Subsummary

DESIGN AGENCY

 DESIGNER: JDA
 REVIEWER: EJK
 PROJECT ID: 99628
 SHEET 11 TOTAL 22