

LOCATION MAP

LATITUDE: 41° 19' 05" LONGITUDE: 81° 20' 45"

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

DESIGN DESIGNATION (TCDS)

	SR 82	SR 306
CURRENT ADT (2023)	9,467	8,475
DIRECTIONAL DISTRIBUTION	54%	57%
TRUCKS (24 HOUR B&C)	3%	3%
DESIGN SPEED	35 MPH (SLM 2.37 - 3.83) 55 MPH (SLM 3.83 - 5.07)	35 MPH (SLM 0.00 - 0.66) 55 MPH (SLM 0.66 - 2.49)
LEGAL SPEED	35 MPH (SLM 2.37 - 3.83) 50 MPH (SLM 3.83 - 5.07)	35 MPH (SLM 0.00 - 0.66) 50 MPH (SLM 0.66 - 2.49)

DESIGN FUNCTIONAL CLASSIFICATION:  
POR-SR-82: URBAN MINOR ARTERIAL, COLLECTOR, LOCAL  
POR-SR-306: URBAN, OTHER, PRINCIPAL ARTERIAL  
NHS PROJECT NO

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

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 4 - CAPITAL PROGRAMS  
2088 S. ARLINGTON RD  
AKRON, OH 44306

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION

POR-82/306-2.37/0.00

CITY OF AURORA  
PORTAGE COUNTY

INDEX OF SHEETS:

TITLE SHEET	P.1
TYPICAL SECTIONS	P.2
GENERAL NOTES	P.3 - P.4
MAINTENANCE OF TRAFFIC	P.5 - P.6
GENERAL SUMMARY	P.7 - P.8
PAVEMENT CALCULATIONS	P.9 - P.10
PAVEMENT MARKINGS	P.11
STRUCTURES	P.12 - P.14

FEDERAL PROJECT NUMBER

E240193

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

RESURFACING POR SR 82 AND SR 306 IN THE CITY OF AURORA. INCLUDES MINOR REHABILITATION TO 2 STRUCTURES.

EARTH DISTURBED AREAS


PROJECT EARTH DISTURBED AREA:	0.79 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A (NOI NOT REQUIRED)*
*ROUTINE MAINTENANCE PROJECT	

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS, CHANGES LISTED IN THE PROPOSAL, AND THE SUPPLEMENTAL SPECIFICATION 800 VERSION INDICATED ON THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.


I HEREBY 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 OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

  
Arthur G. Noiro Jr., P.E.  
District 04 Deputy Director

  
Pamela Boratyn  
Director, Department of Transportation

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/19/24	MT-99.20	4/19/19			800-2023	7/18/25
BP-3.2	1/18/19	MT-101.90	7/17/20			821	4/20/12
BP-4.1	7/19/13	MT-105.10	1/17/20			832	7/18/25
						846	4/17/15
DM-4.1	7/17/20	TC-41.20	10/18/13			856	7/21/23
DM-4.3	1/15/16	TC-42.10	10/18/13			921	7/19/24
DM-4.4	1/15/16	TC-42.20	10/18/13				
		TC-52.10	10/18/13				
AS-1-15	1/20/23	TC-52.20	1/15/21				
DS-1-92	7/15/22	TC-71.10	7/18/25				
		TC-74.10	7/21/23				
MT-96.11	7/18/25						
MT-96.20	7/18/25						
MT-96.26	1/17/25						
MT-97.10	7/18/25						
MT-97.12	7/18/25						

ENGINEER'S SEAL





MAINTENANCE OF TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS AND RAMPS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION, THE SPECIFICATIONS AND THE FOLLOWING:

1. A MINIMUM OF ONE BIDIRECTIONAL TEN FOOT LANE SHALL BE MAINTAINED ON THE EXISTING PAVEMENT OR COMPLETED PAVEMENT DURING CONSTRUCTION OF THE WORK.
2. THE CONTRACTOR SHALL INFORM THE DISTRICT OFFICE (330) 786-2208, EIGHTEEN (18) DAYS PRIOR TO THE BEGINNING OF WORK.
3. LANE RESTRICTIONS OR LANE REDUCTIONS SHALL NOT BE PERMITTED AFTER NORMAL WORKING HOURS. NORMAL WORKING HOURS SHALL BE THOSE HOURS DURING WHICH THE CONTRACTOR HAS A FULL COMPLEMENT OF EMPLOYEES AND EQUIPMENT ACTIVELY REMOVING AND/OR PLACING PAVEMENT MATERIALS.
4. ALL FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT OPERATIONS SHALL BE COMPLETED THE SAME DAY THE EXCAVATION IS MADE. IF THE CONTRACTOR CANNOT COMPLETE THE WORK, THE EXCAVATION SHALL BE BACKFILLED OR PROTECTED AS PER STANDARD CONSTRUCTION DRAWING MT-101.90.
5. TRUCK MOUNTED ATTENUATORS [TMA'S] SHALL BE USED AS SHOWN IN THE STANDARD CONSTRUCTION DRAWINGS.
6. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO HAVE SUCCESSIVE WORK ZONES UNLESS THE DISTANCE BETWEEN THE DRUMS, BARRICADES OR CONES EXCEEDS TWO (2) MILES RURAL OR ONE [1] MILE URBAN.
7. FOR ROUTES NOT ON THE PERMITTED LANE CLOSURE CHART, ONLY DURING OFF-PEAK PERIODS (ie ANY PERIOD OTHER THAN 6-8AM AND 3-6PM) SHALL THE CONTRACTOR INSTALL AND SUBSEQUENTLY RESET ALL TRAFFIC CONTROL NECESSARY FOR THE WORK ZONE FOR EACH CONSTRUCTION PHASE.
8. IN ADDITION TO THE REQUIREMENTS OF 614.11 WORK ZONE PAVEMENT MARKINGS, AT THE END OF EACH DAY OF WORK, THE CONTRACTOR SHALL REPLACE (WITH WORK ZONE MARKINGS) ALL LANE, CENTER, STOP OR CHANNELIZING LINES THAT WERE REMOVED OR COVERED DURING THE PAVEMENT REMOVAL OR PLACEMENT OPERATIONS. QUANTITIES FOR SUCH PLACEMENT ARE CARRIED AS PART OF THE ITEMS LISTED UNDER 614 WORK ZONE PAVEMENT MARKINGS.
9. A QUANTITY OF 10 CU. YDS. OF ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC SHALL BE PROVIDED FOR USE IN MAINTAINING PAVEMENT, SHOULDERS AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.
11. PRIOR TO OPENING TO TRAFFIC EACH LANE SHALL BE IN A SAFE, PASSABLE CONDITION. ALL TRANSVERSE JOINTS SHALL EXTEND ACROSS THE FULL LANE AND SHOULDER WIDTH AND EACH LANE SHALL BE FREE FROM UNEVEN LONGITUDINAL JOINTS. THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGES FOR TRANSVERSE JOINTS WHEREVER THERE ARE PAVEMENT ELEVATION DIFFERENCES.
12. THE CONTRACTOR SHALL INSTALL, MAINTAIN AND SUBSEQUENTLY REMOVE WORK ZONE MARKING SIGNS AND THEIR SUPPORTS WITHIN THE WORK LIMITS. THESE SIGNS INCLUDE NO EDGE LINES, DO NOT PASS AND PASS WITH CARE". ALL OTHER SIGNS WILL BE INCIDENTAL TO THE LUMP SUM PAY ITEM 614 MAINTAINING TRAFFIC UNLESS SEPARATELY ITEMIZED IN THE PLANS. A QUANTITY OF ITEM 614 WORK ZONE MARKING SIGNS HAS BEEN INCLUDED IN THE PLANS AS PER CMS 614.04.

13. THE CONTRACTOR SHALL SET A WORK ZONE AT THE REQUEST OF THE ENGINEER TO ALLOW THE LAYOUT OF THE PARTIAL/FULL DEPTH PAVEMENT REPAIR AREAS. THIS WORK IS INCIDENTAL TO ITEM 614 MAINTAINING TRAFFIC.
- THE FOLLOWING QUANTITIES SHALL BE USED FOR THE MAINTENANCE OF TRAFFIC ON THIS PROJECT:
- PHASE I - MILLED SURFACE, SR 82/306  
614, WORK ZONE CENTER LINE, CLASS I, 5.55 MILE  
614, WORK ZONE STOP LINE, CLASS I, 243 FT  
614, WORK ZONE CHANNELIZING LINE, CLASS I, 2350 FT  
614, WORK ZONE MARKING SIGN, (ALL PHASES) 20 EACH
- PHASE II - INTERMEDIATE COURSE, SR 82/306  
614, WORK ZONE CENTERLINE, CLASS I, 642 PAINT, 5.55 MILE  
614, WORK ZONE STOP LINE, CLASS I, 642 PAINT, 243 FT  
614, WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT, 2350 FT
- PHASE III - SURFACE COURSE, SR 82/306  
614, WORK ZONE CENTERLINE, CLASS III, 642 PAINT, 5.55 MILE  
614, WORK ZONE STOP LINE, CLASS III, 642 PAINT, 243 FT  
614, WORK ZONE CHANNELIZING LINE, CLASS III, 642 PAINT, 2350 FT
- TO BE USED AS DIRECTED BY THE ENGINEER  
614, WORK ZONE EDGE LINE, CLASS III, 10.35 MILE
- ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.
- TRAFFIC CONTROL INSPECTOR
- THE CONTRACTOR SHALL DESIGNATE AN INDIVIDUAL OTHER THAN THE SUPERINTENDENT AND SUBJECT TO THE APPROVAL OF THE ENGINEER, TO CONTINUOUSLY INSPECT ALL TRAFFIC CONTROL DEVICES WHENEVER CONSTRUCTION WORK IS BEING PERFORMED WITHIN THE WORK LIMITS OF THE PROJECT. THE DESIGNATED INDIVIDUAL SHALL ALSO INSPECT ALL TRAFFIC DEVICES AT THE BEGINNING AND AT THE END OF EACH WORK DAY. THE DESIGNATED INDIVIDUAL OR A QUALIFIED REPRESENTATIVE SHALL ALSO BE AVAILABLE ON AN AROUND THE CLOCK BASIS TO REPAIR AND/OR REPLACE DAMAGED OR MISSING TRAFFIC CONTROL DEVICES. THESE INDIVIDUALS SHALL BE EQUIPPED WITH CELLULAR PHONES AND THEIR NAMES AND PHONE NUMBERS SHALL BE GIVEN TO THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION MEETING. THE DESIGNATED INDIVIDUAL MAY HAVE OTHER CONSTRUCTION RELATED DUTIES AS LONG AS IMMEDIATE ATTENTION IS GIVEN TO TRAFFIC CONTROL. PAYMENT FOR THE SERVICES OF THE TRAFFIC CONTROL INSPECTOR SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC.
- ADVANCED NOTICE TO PAVE
- THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE DISTRICT CONSTRUCTION ENGINEER A DETAILED SCHEDULE 15 DAYS PRIOR TO THE PLACEMENT OF THE OVERLAY COURSES, ON HOW THEY PROPOSE TO PROSECUTE THE PAVING OPERATIONS. THE DETAILS SHALL SHOW THE ORDER OF PERFORMANCE OF EACH STAGE (START TO FINISH) OF THE WORK INCLUDING THE MAINTENANCE OF TRAFFIC THAT WILL BE USED.

ASPHALT PAVING LIMITATION

- THE CONTRACTOR SHALL NOT ANTICIPATE OR SCHEDULE PLACING ASPHALT (ASPHALT SURFACE COURSE, ASPHALT INTERMEDIATE COURSE, ASPHALT CONCRETE BASE, ETC.) BETWEEN NOVEMBER 1 AND APRIL 1 WHEN SUBMITTING THEIR INITIAL BAR CHART PROGRESS SCHEDULE TO THE DISTRICT CONSTRUCTION ENGINEER (DCE) AS SPECIFIED IN CMS SECTION 108.02A. THIS LIMITATION SHALL ALSO INCLUDE INITIAL BASE LINE SCHEDULES AND ALL UPDATES IF A CPM SCHEDULE IS REQUIRED.
- TIME LIMITATION, TRAFFIC ON A MILLED SURFACE
- THE MAXIMUM ALLOWABLE TIME FOR TRAFFIC TO BE PLACED ON A MILLED SURFACE SHALL BE 7 CONSECUTIVE CALENDAR DAYS. SHOULD THE CONTRACTOR FAIL TO MEET THIS REQUIREMENT, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$2,500 PER DAY THAT THE TRAFFIC IS PLACED ON A MILLED SURFACE BEYOND THE SPECIFIED LIMIT.
- SIGNALIZED CLOSURE (POR-306-2.140)
- A SIGNALIZED LANE CLOSURE IN ACCORDANCE WITH SCD MT-96.11 SHALL BE USED WHEN REDUCING POR-306 FROM A TWO-LANE CONDITION TO A SINGLE-LANE, SIGNALIZED WORK ZONE TO COMPLETE ASPHALT CONCRETE OVERLAY WORK AT THE POR-306 STRUCTURE. PORTABLE TRAFFIC SIGNAL MAY BE USED AT THIS LOCATION FOR A DURATION NOT TO EXCEED 10 CONSECUTIVE CALENDAR DAYS. ALL SIDE STREETS AND DRIVEWAYS IMPACTED BY THIS WORK SHALL BE ADEQUATELY SIGNALIZED AND MAINTAINED IN COMPLIANCE WITH MT-96.11.
- SHOULD THE CONTRACTOR FAIL TO MEET THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE OF \$1,000 PER HOUR THAT THE ROADWAY REMAINS CLOSED BEYOND THE PERMITTED TIME FRAME.
- ALL COSTS ASSOCIATED WITH THE SIGNALIZED LANE CLOSURE FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 614, MAINTAINING TRAFFIC.
- TIME LIMITATION, SUNDAYS
- UNLESS THE PROJECT ENGINEER RECIEVES WRITTEN PERMISSION FROM THE CITY OF AURORA, NO WORK SHALL BE PERFORMED ON SUNDAY FOR THE DURATION OF THE PROJECT. SHOULD THE CONTRACTOR FAIL TO MEET THIS REQUIREMENT, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$1,000 PER HOUR OF WORK THAT TAKES PLACE ON SUNDAYS.
- CONSTRUCTION NOISE
- ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 9:00 PM AND 7:00 AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

- ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)
- NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR SPECIAL EVENTS:
- NEW YEAR'S (OBSERVED)  
THANKSGIVING  
MEMORIAL DAY  
FOURTH OF JULY (OBSERVED)

GENERAL/REGULAR ELECTION DAY (NOV)  
LABOR DAY  
CHRISTMAS (OBSERVED)
- THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:
- DAY OF HOLIDAY  
OR SPECIAL EVENT

TIME ALL LANES  
MUST BE OPEN TO TRAFFIC
- SUNDAY  
MONDAY  
TUESDAY  
TUESDAY

12:00N FRIDAY THROUGH 6:00 AM MONDAY  
12:00N FRIDAY THROUGH 6:00 AM TUESDAY  
12:00N MONDAY THROUGH 6:00 AM WEDNESDAY  
(GEN./REG. ELECTION)
- 5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY  
WEDNESDAY  
THURSDAY  
THURSDAY

12:00N TUESDAY THROUGH 6:00 AM THURSDAY  
12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY  
(THANKSGIVING ONLY)
- 6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY  
FRIDAY  
SATURDAY

12:00N THURSDAY THROUGH 6:00 AM MONDAY  
12:00N FRIDAY THROUGH 6:00 AM MONDAY
- DURING THE SAME PERIODS, MAINTAIN PEDESTRAIN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.
- [NEWLY CONSTRUCTED LANE ADDITIONS, ONCE COMPLETED AND INITIALLY OPENED TO TRAFFIC, SHALL BE OPEN TO TRAFFIC DURING ALL SUBSEQUENT DESIGNATED HOLIDAYS AND SPECIAL EVENTS, AND RELATED PERIODS OF TIME, SPECIFIED ABOVE.]
- SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).
- | LANE VALUE CONTRACT                       |   |                      |                               |
|---|---|----------------------|-------------------------------|
| DESCRIPTION OF CRITICAL LANE TO BE CLOSED | RESTRICTED TIME PERIOD  | TIME UNIT            | DISINCENTIVE \$ PER TIME UNIT |
| SR 82                                     | AS PER MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS) | PER LANE/ PER MINUTE | \$95                          |
| SR 306                                    | AS PER MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS) | PER LANE/ PER MINUTE | \$85                          |
- INTERIM START AND COMPLETION DATES
- THE CONTRACTOR MUST HAVE THE PAVEMENT IN THE EXISTING CONDITION OR ALL PAVEMENT WORK COMPLETED THROUGH THE FINAL SURFACE OF ASPHALT DURING THE MEMORIAL DAY AND FOURTH OF JULY HOLIDAYS AT THE LOCATIONS LISTED BELOW. SEE THE LANES OPEN DURING HOLIDAYS AND SPECIAL EVENTS NOTE ABOVE FOR ADDITIONAL INFORMATION.
- S.R. 82 FROM S.R. 43 TO CRADDOCK ELEMENTARY (SLM 2.37 TO 2.72)  
S.R. 306 FROM S.R. 43 TO SILVER CREEK CHURCH (SLM 0.00 TO 0.75)