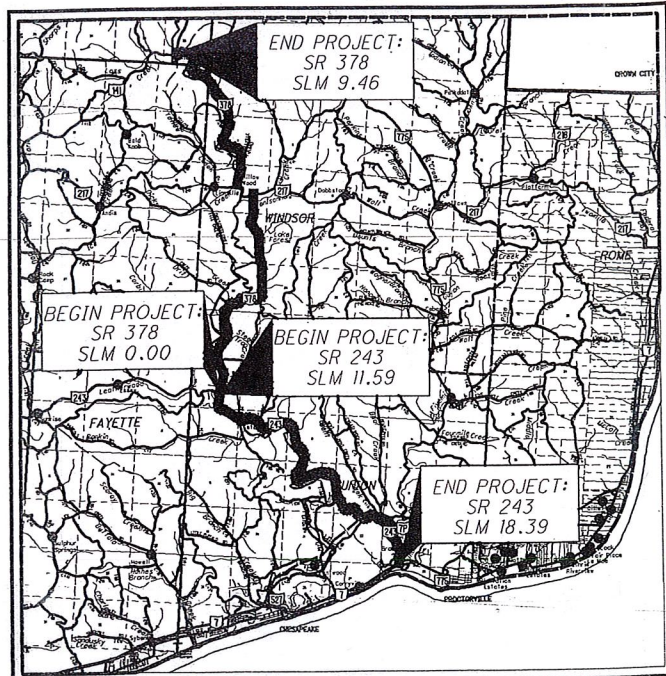


I:\ProjectData\Law\09842_LAW_243_1159_0000\Design\Roadway\Sheets\09842_G1001.dgn Sheet 6/19/2020 2:03:56 PM ewoodbrl



LOCATION MAP

LATITUDE: 38°29'39" LONGITUDE: 82°28'37"



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

DESIGN DESIGNATION SR 243

CURRENT ADT (2019)	2,300
DESIGN YEAR ADT (2040)	2,600
DESIGN HOURLY VOLUME (2019)	300
DIRECTIONAL DISTRIBUTION	54
TRUCKS (24 HOUR B&C)	13
DESIGN SPEED	55
LEGAL SPEED	35-55
DESIGN FUNCTIONAL CLASSIFICATION:	
05 MAJOR COLLECTOR *RURAL*	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

UNDERGROUND UTILITIES

Contact Two Working Days
Before You Dig

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

PLAN PREPARED BY:
OHIO DEPARTMENT OF TRANSPORTATION
650 EASTERN AVE.
CHILLICOTHE, OHIO 45601

DESIGN DESIGNATION SR 378

CURRENT ADT (2019)	950
DESIGN YEAR ADT (2040)	950
DESIGN HOURLY VOLUME (2019)	100
DIRECTIONAL DISTRIBUTION	52
TRUCKS (24 HOUR B&C)	3
DESIGN SPEED	55
LEGAL SPEED	35-55
DESIGN FUNCTIONAL CLASSIFICATION:	
05 MAJOR COLLECTOR *RURAL*	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE REQUIRED

ENGINEERS SEAL:

SIGNED: *Corey L. Cottrell*
DATE: 6-19-2020

PARTS 1 AND 2				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
STANDARD CONSTRUCTION DRAWINGS					
BP-3.1	1/17/20	MT-97.10	4/19/19	800-2019 1/17/20	WATERWAY
		MT-97.12	1/20/17	832 10/19/18	PERMIT
BP-4.1	7/19/13	MT-99.20	4/19/19	846 4/17/15	10/24/19
		MT-105.10	1/17/20	902 7/19/19	
HW-2.1	7/20/18				
DM-4.3	1/15/16				
DM-4.4	1/15/16				
TC-41.20	10/18/13				
TC-41.50	10/18/13				
TC-42.20	10/18/13				
TC-52.10	10/18/13				
TC-65.10	1/17/14				
TC-65.11	7/21/17				
TC-71.10	1/19/18				

STATE OF OHIO

DEPARTMENT OF TRANSPORTATION

LAW-243-11.59

LAW-378-0.00,

PART 1

UNION, WINDSOR, LAWRENCE,
AND AID TOWNSHIPS

LAWRENCE COUNTY

FOR PART 2, SEE LAW-378-2.25

INDEX OF SHEETS:

TITLE SHEET	1
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PAVEMENT CALCULATIONS	7-8
PUBLIC ROAD CALCULATIONS	9
PAVEMENT MARKINGS	10
STRUCTURES	11

PROJECT DESCRIPTION

RESURFACING OF 6.8 MILES OF S.R. 243 FROM SLM 11.59 TO SLM 18.39. BEGINING AT THE INTERSECTION OF S.R. 378 AND ENDING AT THE INTERSECTION OF S.R. 7 WITH ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 AT 1.25"

RESURFACING OF 8.87 MILES OF S.R. 378 FROM SLM 0.00 TO SLM 4.95. BEGINING AT THE INTERSECTION OF S.R. 243 AND ENDING AT THE INTERSECTION OF S.R. 217. THEN PICKING UP AT SLM. 5.54 AT THE INTERSECTION OF S.R. 217 AND ENDING AT SLM 9.46 AT THE INTERSECTION OF S.R. 141 WITH ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22 AT 1.25"

PROJECT INCLUDES MINOR STRUCTURE REPAIR TO STRUCTURE,
LAW-378-0484-SFN: 4403746

ITEM 644 THERMOPLASTIC PAINT TO BE USED THROUGHOUT ENTIRETY OF PROJECT.

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

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 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.

APPROVED: *Michael J. Johnson*
DATE: 06-19-2020 DISTRICT DEPUTY DIRECTOR

APPROVED: _____
DATE: _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO.
E190748

PID NO.
109842

CONSTRUCTION PROJECT NO.
NONE

RAILROAD INVOLVEMENT
NONE

LAW-243-11.59
LAW-378-0.00

UTILITIES

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

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

AMERICAN ELECTRIC POWER (DISTRIBUTION)
850 TECH CENTER DRIVE
GAHANNA, OHIO 43230
MR. PAUL PAXTON
740-348-5322

AMERICAN ELECTRIC POWER (TRANSMISSION)
8600 SMITHS MILL RD.
NEW ALBANY, OHIO 43054
MR. MIKE CARR
380-205-5072

BUCKEYE RURAL ELECTRIC CO-OP, INC.
P.O. BOX 200
RIO GRANDE, OHIO 45674
MR. KENNETH KREBS
614-381-9938

AT&T OHO
160 N 6TH STREET
ZANESVILLE, OHIO 43701
MR. BARRETT TAMASOVICH
740-454-3552

FRONTIER COMMUNICATIONS
1315 ALBERT STREET
PORTSMOUTH, OHIO 45662
MS. DENA MARTIN
740-354-0521

CHARTER COMMUNICATIONS
32 ENTERPRISE DRIVE
CHILLICOTHE, OHIO 45601
MR. JASON JACOBS
740-648-3027

ARMSTRONG CABLE SERVICES
9651 COUNTY ROAD 1
SOUTH POINT, OHIO 45680
MR. NATHAN ITTIG
740-451-1833

CHARTER COMMUNICATIONS
1617 FOXHAVEN DRIVE
RICHMOND, KENTUCKY 40475
MR. MARK HARLOW
859-626-4899

AQUA OHIO
6650 SOUTH AVENUE
BOARDMAN, OHIO 44512
MR. ANDY HIPPLEY
330-774-4117

HECLA WATER ASSOCIATION
3190 SR 141
IRONTON, OHIO 45638
MR. TIM DALTON
740-533-0526 EXT. 5

COLUMBIA GAS OF OHIO
843 PIATT AVENUE
CHILLICOTHE, OHIO 45601
MS. TIFFANY WOODYARD
740-772-9131

COLUMBIA GAS TRANSMISSION CORPORATION
48 COLUMBIA ROAD
SANDYVILLE, WEST VIRGINA 25275
MR. MICHAEL MCCLUNG
304-549-2498

OHIO RIVER GAS DELIVERY/PETROQUEST
3 W. STIMSON AVENUE
ATHENS, OHIO 45701
MR. LARRY BARINGER
740-696-1969

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B OVERLAY AS SHOWN ON THE TYPICAL SECTIONS.

RPM

IN ADDITION TO CMS 621.03, RPMs SHALL NOT BE INSTALLED ON BRIDGES OR APPROACH SLABS THAT HAVE A CONCRETE SURFACE. INSTALL RPMs IN ASPHALT CONCRETE BEFORE AND AFTER THE SUPERSTRUCTURE. RPM'S LOCATED IN EXISTING CONCRETE BRIDGE DECKS OR APPROACH SLABS SHALL BE LEFT IN PLACE.

INSTALL NEW RPMs IN ACCORDANCE WITH ODOT STANDARD DRAWINGS TC-65.10 AND TC-65.11.

PART-WIDTH CONSTRUCTION

BECAUSE OF THE NECESSITY TO BUILD THIS PROJECT UNDER TRAFFIC AND TO CONSTRUCT THE FULL PAVEMENT WIDTH IN STAGES, EXERCISE CARE TO PREVENT THE CONSTRUCTION OF A BUTT JOINT IN THE BASE COURSES. LAP LONGITUDINAL JOINTS AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1.

DISPOSAL OF ASPHALT GRINDINGS

ASPHALT GRINDINGS FROM THIS PROJECT ARE TO BE DELIVERED TO THE ODOT LAWRENCE COUNTY GARAGE (450 COMMERCE DRIVE) IRONTON, OHIO 45638. CONTACT (MARK GLEICHAUF), COUNTY MANAGER AT 740-774-9039. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS TO PERFORM THE WORK OUTLINED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE PER CUBIC YARD FOR ITEM 202, REMOVAL MISC.: ASPHALT GRINDINGS DELIVERY.

ITEM 202 REMOVAL MISC. ASPHALT GRINDINGS DELIVERY
01/S<2/PV 3,000 CU. YD.
02/STR/PV 7,000 CU. YD.

ITEM 202 - WEARING COURSE REMOVED, AS PER PLAN

PLAN INTENT IS TO PROVIDE A QUANTITY FOR A 5 FOOT WIDE STRIP TO TIE IN CONNECTING ROADS AND ALLOW A SMOOTH TRANSITION.

WORK LIMITS

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.

WINDOW CONTRACT TABLE

DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS TO COMPLETE
ALL WORK ON PROJECT	120

EXTRA AREAS

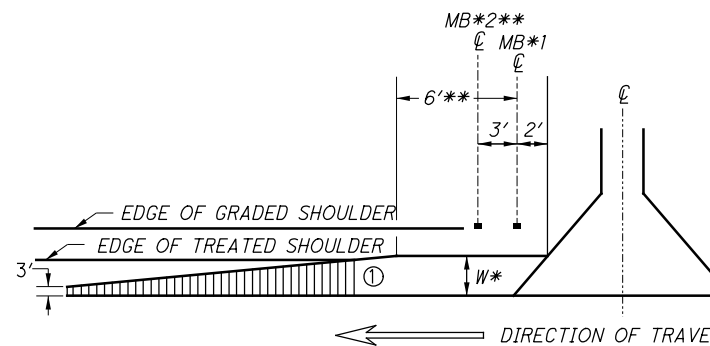
QUANTITIES FOR EXTRA AREAS ARE SHOWN ON SHEETS 8 & 9. THESE AREAS INCLUDE THE FOLLOWING:

DRIVEWAYS - AVERAGE OF 3 FEET OFFSET FROM THE EDGE OF PAVEMENT, MAXIMUM TO BE DETERMINED BY THE ENGINEER TO PROVIDE ADEQUATE TRANSITION FROM THE DRIVE TO THE PROPOSED ALIGNMENT.

MAILBOX APPROACHES - MINIMUM OF 2 FEET FROM THE EDGE OF TRAVELED WAY OR AS DIRECTED BY THE ENGINEER.

CURVE WIDENING - AS DIRECTED BY THE ENGINEER.

OTHER DESIGNATED AREAS - AS DIRECTED BY THE ENGINEER.



① END MAILBOX TURNOUT AT EDGE OF TREATED SHOULDER OR 3' WHICH EVER IS GREATER.

* WHERE POSTS ARE BEHIND GUARDRAIL, TURNOUT SHALL EXTEND TO FACE OF GUARDRAIL. WHERE NO GUARDRAIL IS REQUIRED, TURNOUT WIDTH SHALL BE 3' MINIMUM.

** ADD 3' FOR EACH ADDITIONAL MAILBOX.

ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN (SPOT LEVELING)

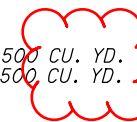
THIS MATERIAL IS TO BE PLACED AS A SEPARATE LEVELING OPERATION AS DIRECTED BY THE ENGINEER TO CORRECT IRREGULARITIES IN THE EXISTING PAVEMENT CROSS SECTION AND PROFILE PRIOR TO PLACEMENT OF THE SURFACE COURSE.

ESTIMATED QUANTITIES HAVE BEEN PROVIDED FOR THE FOLLOWING WORK:

ITEM 407, TACK COAT

01/S<2/PV 50 GAL.
02/STR/PV 50 GAL.
ITEM 441, ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448), AS PER PLAN

01/S<2/PV 500 CU. YD.
02/STR/PV 500 CU. YD.



CALCULATED
JBS
CHECKED
CLC

GENERAL NOTES

LAW-243-11.59
LAW-378-0.00