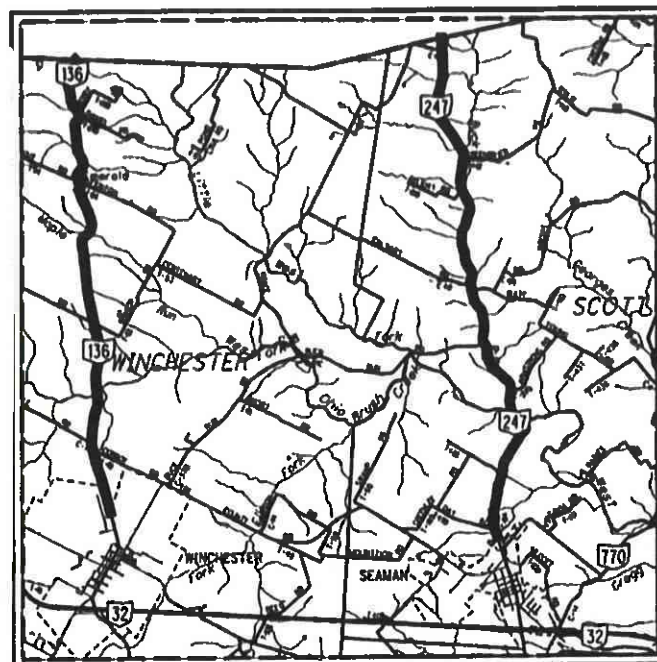


ADA-136-20.40
ADA-247-18.17
WINCHESTER AND SCOTT TOWNSHIPS
ADAMS COUNTY



LATITUDE: 83°39'32" LONGITUDE: 39°1'12"



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

ADA-136		
CURRENT ADT (2018)	900	
TRUCKS (24 HOUR B&C)	5%	
DESIGN SPEED	55	
LEGAL SPEED	55	
DESIGN FUNCTIONAL CLASSIFICATION:		
05 MAJOR COLLECTOR		
NHS PROJECT	NO	

NONE REQUIRED

ADA-247	
CURRENT ADT (2016)	923
TRUCKS (24 HOUR B&C)	3%
DESIGN SPEED	55
LEGAL SPEED	55
DESIGN FUNCTIONAL CLASSIFICATION:	
05 MAJOR COLLECTOR	
NHS PROJECT	NO

NONE REQUIRED

TITLE SHEET	1
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MAINTENANCE OF TRAFFIC	4
GENERAL SUMMARY	5
PAVEMENT CALCULATIONS	6-7
PAVEMENT MARKINGS	8
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[illegible]

RESURFACING OF 4.74 MILES OF SR 136 IN ADAMS COUNTY
FROM SLM 20.40 TO SLM 25.14 WITH ITEM 421
MICROSURFACING, SURFACE COURSE.
RESURFACING OF 5.81 MILES OF SR 247 IN ADAMS COUNTY
FROM SLM 18.17 TO SLM 23.98 WITH ITEM 421
MICROSURFACING, SURFACE COURSE.

PROJECT INCLUDES MINOR STRUCTURE WORK ON STRUCTURE
ADA-136-2138 SFN: 0103527

ITEM 644 THERMOPLASTIC PAVEMENT MARKINGS TO BE USED THROUGHOUT ENTIRETY OF PROJECT.

PROJECT EARTH DISTURBED AREA:
NA/ MAINTENANCE PROJECT

ESTIMATED CONTRACTOR EARTH DISTURBED AREA:
NA/ MAINTENANCE PROJECT

NOTICE OF INTENT EARTH DISTURBED AREA:
NA/ MAINTENANCE PROJECT

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 Thompson
DATE: 08-09-2019 DISTRICT DEPUTY DIRECTOR

APPROVED [Signature]
DATE 9/9/19 DIRECTOR, DEPARTMENT OF
TRANSPORTATION

FEDERAL PROJECT NO.
E190210

PID NO.
100843

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT
NONE

ADA-136-20.40
ADA-247-18.17

 $\frac{1}{9}$ 

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Before You Dig

PLAN PREPARED BY:
OHIO DEPARTMENT OF TRANSPORTATION
DISTRICT 9 PLANNING AND ENGINEERING
650 EASTERN AVE.
CHILlicothe, OHIO 45601

ENGINEERS SEAL:



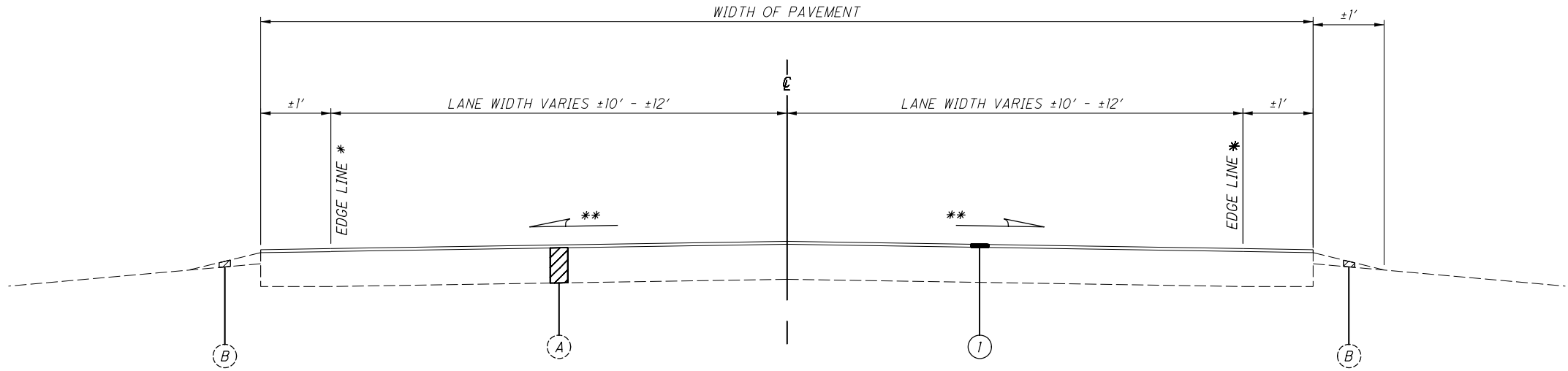
SIGNED: [Signature]
DATE: 8-9-2010

ADA - SR 136-20.40 / ADA-SR 247-18
190556 PID - 100843
Dist 9 11/21/2019

Contract Proposal Available @
www.contracts.dot.state.oh.us/home

PAVEMENT LEGEND

- ① 421 MICROSURFACING, SURFACE COURSE
- Ⓐ EXISTING PAVEMENT AND BASE
- Ⓑ EXISTING SHOULDER



TYPICAL SECTION 1
FOR QUANTITIES SEE SHEETS NO. 6 - 7

NOTES

- TYPICAL SECTIONS SHOWN ARE FOR TANGENT SECTION WITH NORMAL CROWN ONLY. TYPICAL SECTIONS FOR SUPERELEVATED SECTIONS AND SUPERELEVATED TRANSITION SECTIONS FOR CURVED SECTIONS SHALL FOLLOW THE EXISTING PAVEMENT UNLESS THE ENGINEER DIRECTS THAT A CORRECTION IS TO BE PERFORMED.
- * AFTER PAVEMENT OPERATIONS, EDGE OF PAVEMENT MARKINGS SHALL BE REPLACED AT CURRENT LOCATIONS. CONTRACTOR TO LOCATE MARKINGS BEFORE CONSTRUCTION. ENGINEER TO APPROVE PLACEMENT.
 - ** MATCH EXISTING SLOPE
 - *** TACK COAT IS INCIDENTAL TO 421 MICROSURFACING SURFACE COURSE PER 2019 CMS
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE EX. UTILITY GRATES, MANHOLES, AND VALVES, LOCATED IN ROADWAY AND ADJACENT TO ROADWAY. THE CONTRACTOR WILL LEAVE ALL UNDISTURBED BEFORE, DURING, AND AFTER CONSTRUCTION UNLESS NOTED OTHERWISE IN PLANS. MAINTAIN POSITIVE DRAINAGE AT EXISTING INLETS.

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UTILITIES

THERE ARE NO EXISTING UTILITY FACILITIES SHOWN ON THIS PLAN, NOR WILL ANY EXISTING OVERHEAD OR UNDERGROUND UTILITY FACILITIES BE RELOCATED FOR THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) FOR FIELD MARKINGS TO IDENTIFY POTENTIAL UTILITY CONFLICTS.

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	60

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT. PLACE THE PROPOSED MICRO-SURFACING OVERLAY AS SHOWN ON THE TYPICAL SECTIONS.

RPM

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

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.



ADA -136 -20.40
ADA.247 -18.17

GENERAL NOTES

CALCULATED	JBS
CHECKED	CLC

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ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE(S) OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT.

BEFORE THE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAME(S) AND TELEPHONE NUMBER(S) OF A PERSON OR PERSONS WHO CAN BE CONTACTED TWENTY-FOUR(24) HOURS PER DAY BY THE OHIO DEPARTMENT OF TRANSPORTATION AND ALL INTERESTED POLICE AGENCIES. THIS PERSON OR PERSONS SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
RAMP & ROAD	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & < 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
CLOSURES	<= 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE

START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION
---	--

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

ITEM 614, MAINTAINING TRAFFIC (CONT.)

THE CONTRACTOR SHALL ARRANGE FOR ALL MAINTENANCE OF TRAFFIC OPERATIONS SUCH THAT THERE WILL BE NO OBSTRUCTIONS TO THE CONTINUOUS FLOW OF TRAFFIC. ALL INTERSECTIONS AND DRIVEWAYS SHALL BE OPEN TO TRAFFIC AT ALL TIMES UNLESS OTHERWISE SHOWN IN THE PLAN.

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS	FOURTH OF JULY
NEW YEARS	LABOR DAY
MEMORIAL DAY	THANKSGIVING
(OTHER HOLIDAY OR EVENT)	

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
-------------------------	--

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

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$50 FOR EACH MINUTE THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN SIGNS AND SIGN SUPPORTS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND OF THE TYPE AND LOCATION AS SHOWN IN THE PLANS.

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.

PLACEMENT OF MICROSURFACING

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED MICROSURFACING.

WORK ZONE MARKINGS AND SIGNS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF C&MS 614.04 AND 614.11.

ITEM 614, WORK ZONE MARKING SIGN 01/STR/PV 48 EACH

ITEM 614, WORK ZONE CENTER LINE, CLASS III, 642 PAINT 01/STR/PV 11 MILE

ITEM 614, WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT 01/STR/PV 22 MILE



+ = PAVEMENT WIDTH CHANGE

SECTION 1

01/STR/PV SPLIT TOTALS:

TOTALS CARRIED TO THE GENERAL SUMMARY:

74050

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ADA-247-18.17

PAVEMENT CALCULATIONS

CALCULATED	JBS
CHECKED	CLC

+ = PAVEMENT WIDTH CHANGE

SECTION 2



