

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
**D04-SP-FY2016 (EAST)**

**PROJECT DESCRIPTION**

PARTIAL DEPTH REPAIR TO: ATB-US 6, ATB-SR 86  
ATB-SR 167, ATB-SR 193, ATB-US 322  
MAH-IR 76, MAH-SR 170, MAH-IR 680,  
TRU-SR 87, AND TRU-SR 534.

PROJECT EDA: N/A (MAINTENANCE PROJECT)  
ESTIMATED CONTRACTOR EDA: N/A (MAINTENANCE PROJECT)  
NOTICE OF INTENT EDA: N/A (MAINTENANCE PROJECT)

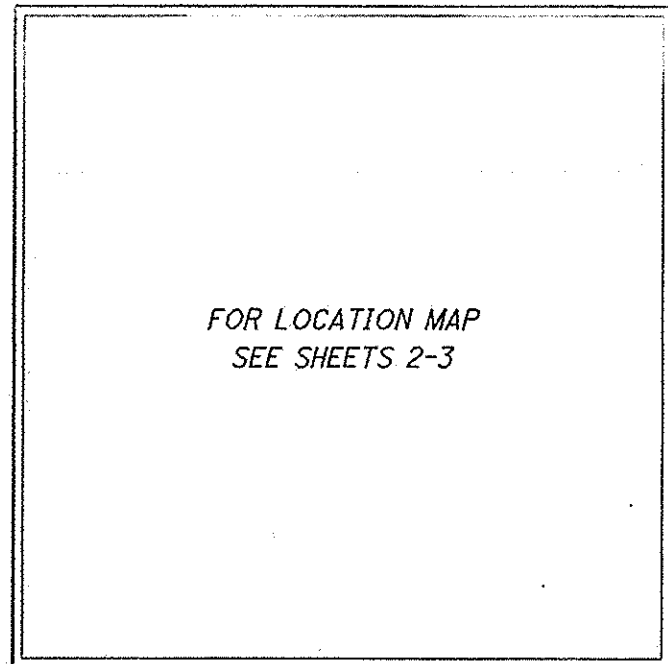
**LIMITED ACCESS**

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.

**2013 SPECIFICATIONS**

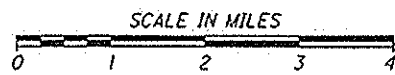
THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVED 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.



FOR LOCATION MAP  
SEE SHEETS 2-3

LOCATION MAP



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

**DESIGN DESIGNATION**

ROUTE	NHS PROJECT	DESIGN FUNCTIONAL CLASSIFICATION
ATB-6	NO	MAJOR COLLECTOR
ATB-86	NO	MAJOR COLLECTOR
ATB-167	NO	MAJOR COLLECTOR
ATB-193	NO	MAJOR COLLECTOR
ATB-322	NO	MINOR ARTERIAL
MAH-76	YES	INTERSTATE
MAH-170	NO	MINOR ARTERIAL
MAH-680	YES	INTERSTATE
TRU-87	NO	MAJOR COLLECTOR
TRU-534	NO	MAJOR COLLECTOR

**DESIGN EXCEPTIONS**  
NONE

**RICHMOND, PIERPONT, WINDSOR, WAYNE  
CHERRY VALLEY, DORSET, ORWELL  
COLEBROOK, WILLIAMSFIELD TOWNSHIPS  
ASHTABULA COUNTY**

**CITY OF YOUNGSTOWN  
MILTON, JACKSON, POLAND, SPRINGFIELD  
BOARDMAN TOWNSHIPS  
MAHONING COUNTY**

**MESOPOTAMIA, BLOOMFIELD, BRACEVILLE  
SOUTHERNTON, FARMINGTON TOWNSHIPS  
TRUMBULL COUNTY**

**INDEX OF SHEETS:**

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**UNDERGROUND UTILITIES**  
CONTACT BOTH SERVICES  
CALL TWO WORKING DAYS  
BEFORE YOU DIG

CALL  
1-800-362-2764  
(TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE  
NON-MEMBERS  
MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS UNDERGROUND  
PROTECTION SERVICE CALL: 1-800-925-0988

PLAN PREPARED BY:  
ODOT - DISTRICT 4 PLANNING & ENGINEERING  
2088 SOUTH ARLINGTON RD.  
AKRON, OHIO 44306

**ENGINEERS SEAL:**

SIGNED: *TPowell*  
DATE: 12-28-15

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	7/18/14	MT-99.20	7/19/13	800-2013	1/15/16
BP-9.1	7/19/13	MT-101.90	7/18/14	821	4/20/12
		MT-105.10	7/19/13	921	4/20/12
MT-95.30	7/18/14				
MT-95.31	7/18/14	TC-41.20	10/18/13		
MT-95.32	7/18/14	TC-42.20	10/18/13		
MT-95.50	7/19/13	TC-52.10	10/18/13		
MT-95.60	7/19/13	TC-52.20	7/18/14		
MT-95.61	7/19/13	TC-71.10	1/11/14		
MT-97.10	7/18/14	TC-82.10	10/18/13		
MT-97.12	7/18/14				
MT-104.10	10/16/15				

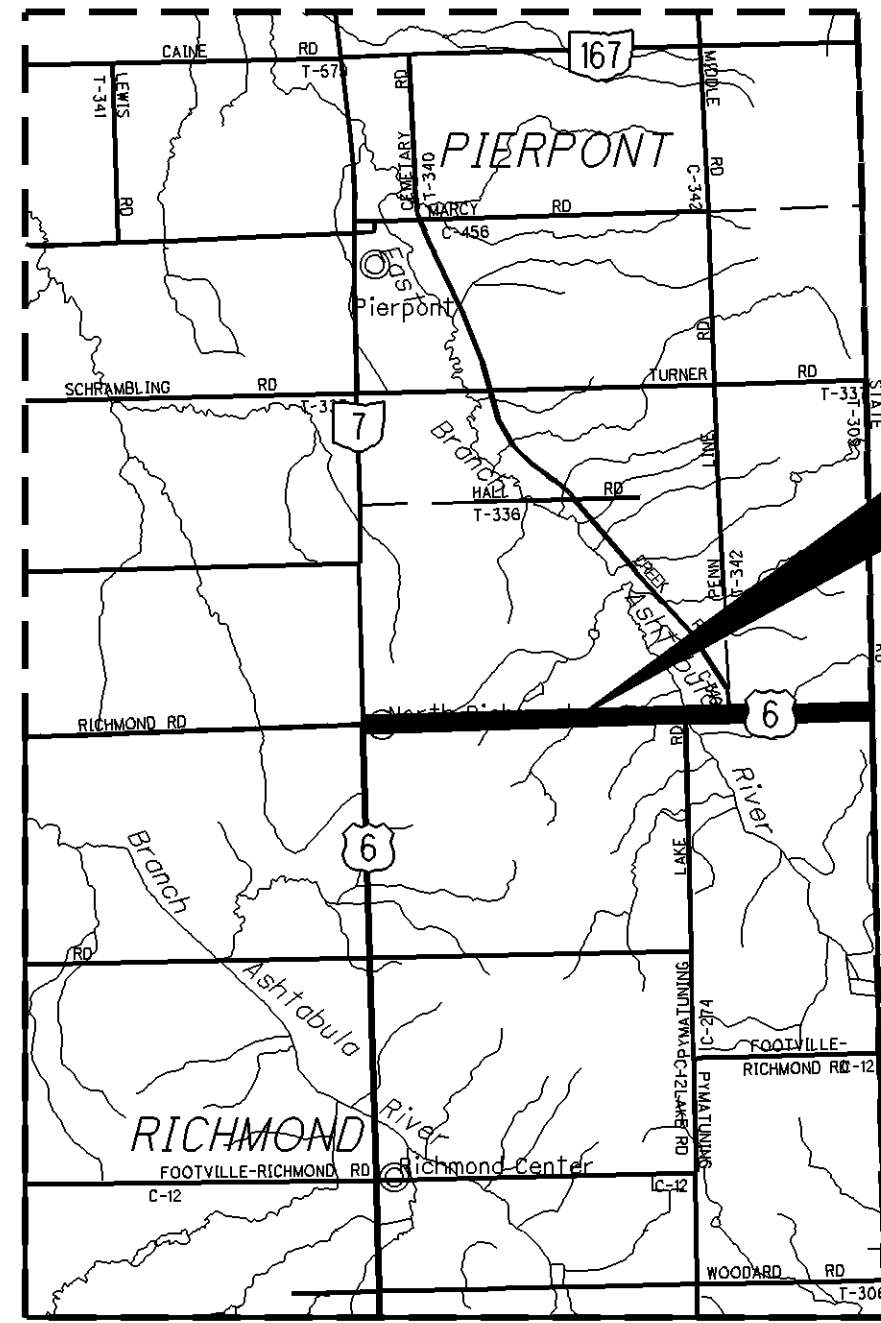
APPROVED *Auc Buel*  
DATE 12-28-15 DISTRICT DEPUTY DIRECTOR

APPROVED *Steve Wood*  
DATE 1-20-16 DIRECTOR DEPARTMENT OF TRANSPORTATION

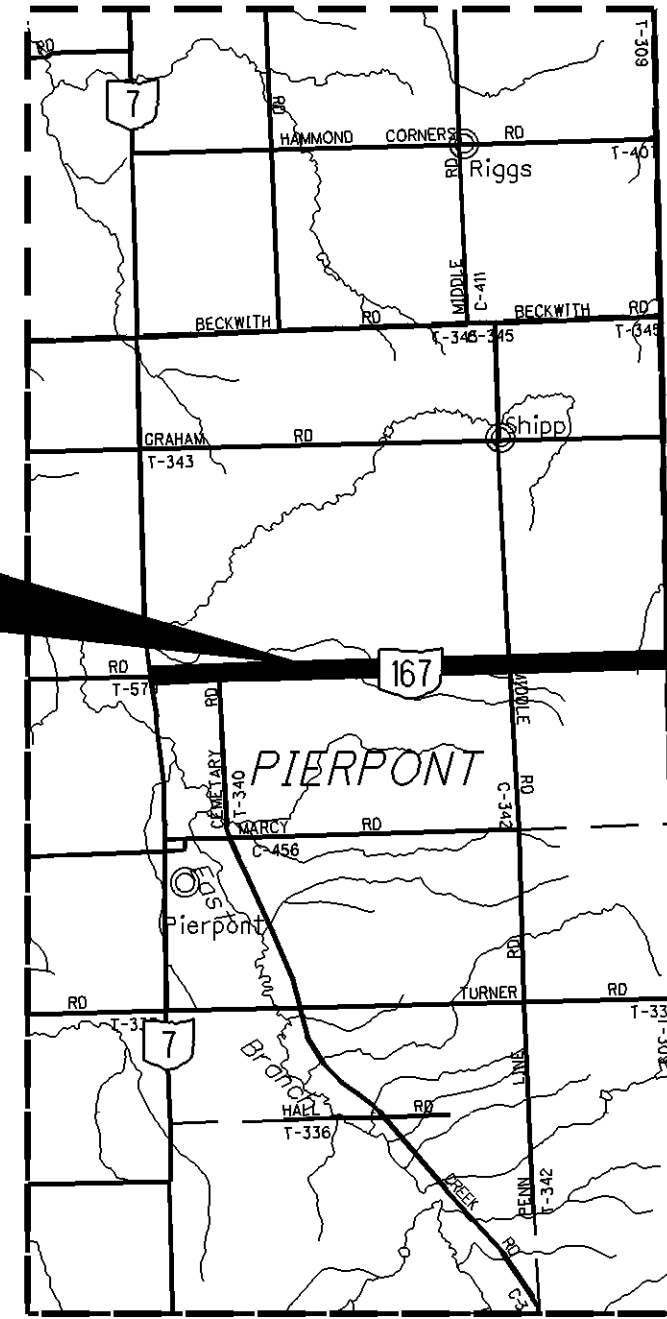
FEDERAL PROJECT NO. NON-FEDERAL  
PID NO. 99701  
CONSTRUCTION PROJECT NO.  
RAILROAD INVOLVEMENT NONE  
D04-SP-FY2016 (EAST)  
1/7

D04 - SP FY2016 (East)  
 160209 PID - 99701  
 Dist 4 4/7/2016  
 Contract Proposal Available @ www.contracts.dot.state.oh.us/home

Projects\004\Spot Paving\FY2016\EG



LOCATION 1  
ATB-US 6  
SLM 29.93 TO SLM 32.60  
LATITUDE: 41°42'53"  
LONGITUDE: 80°32'41"

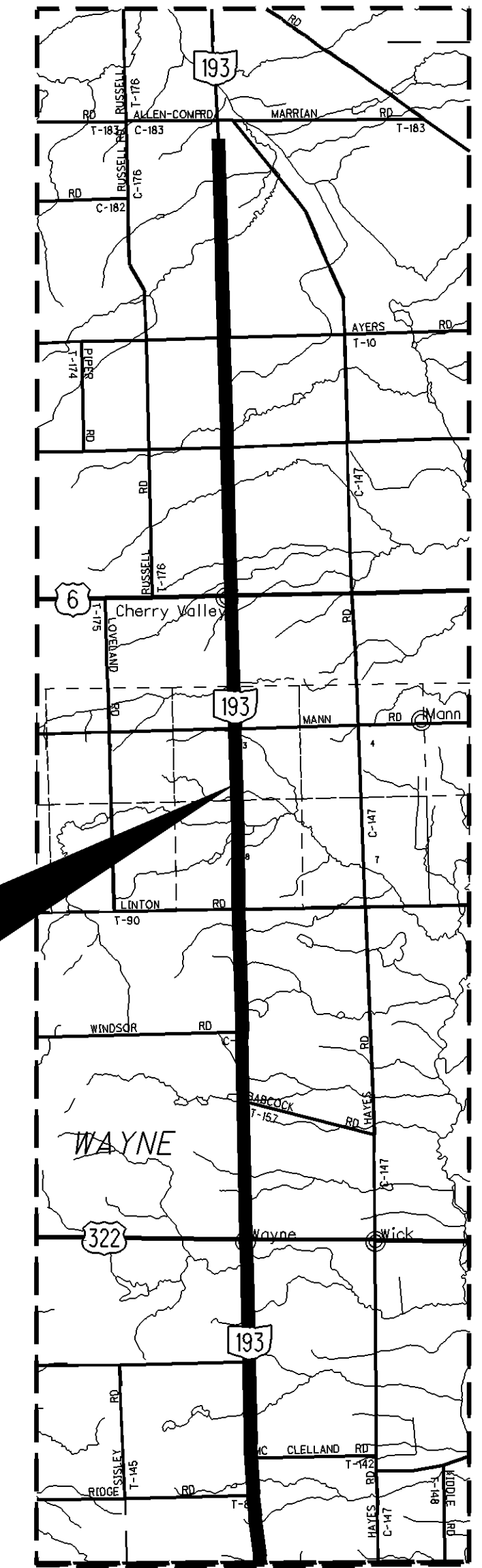


LOCATION 3  
ATB-SR 167  
SLM 11.37 TO SLM 14.08  
SR 7 TO PA LINE  
LATITUDE: 41°45'55"  
LONGITUDE: 80°32'43"

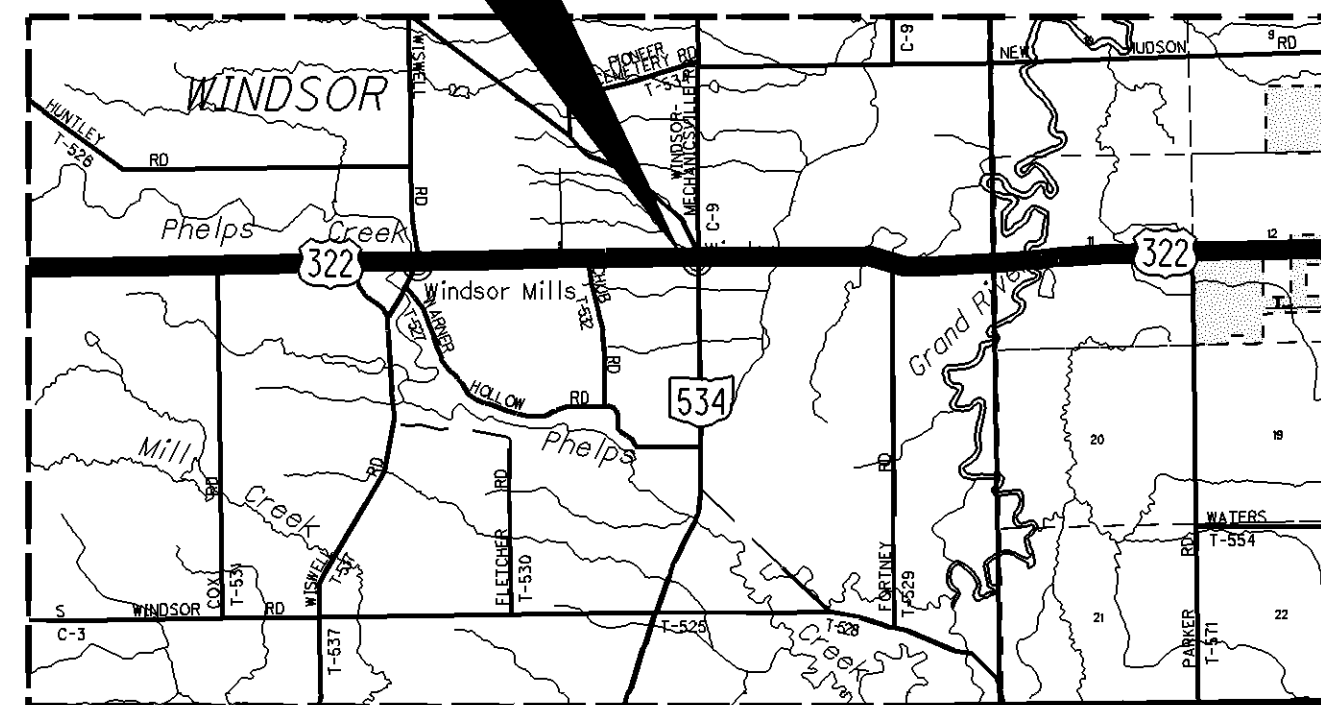


LOCATION 2  
ATB-SR 86  
SLM 0.00 TO SLM 3.33  
CO LINE TO SR 534  
LATITUDE: 41°33'30"  
LONGITUDE: 80°58'12"

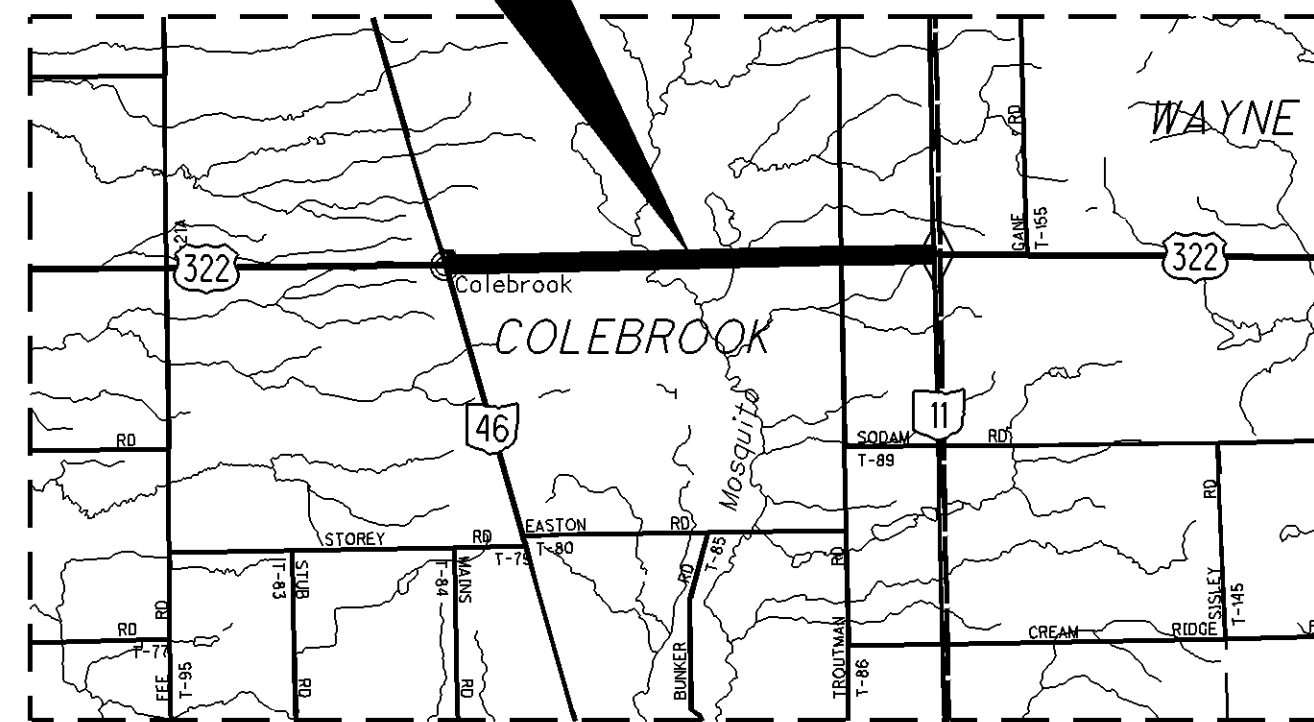
LOCATION 4  
ATB-SR 193  
SLM 0.00 TO SLM 11.00  
TRU CO LINE TO MM 11.00  
LATITUDE: 41°34'43"  
LONGITUDE: 80°39'59"



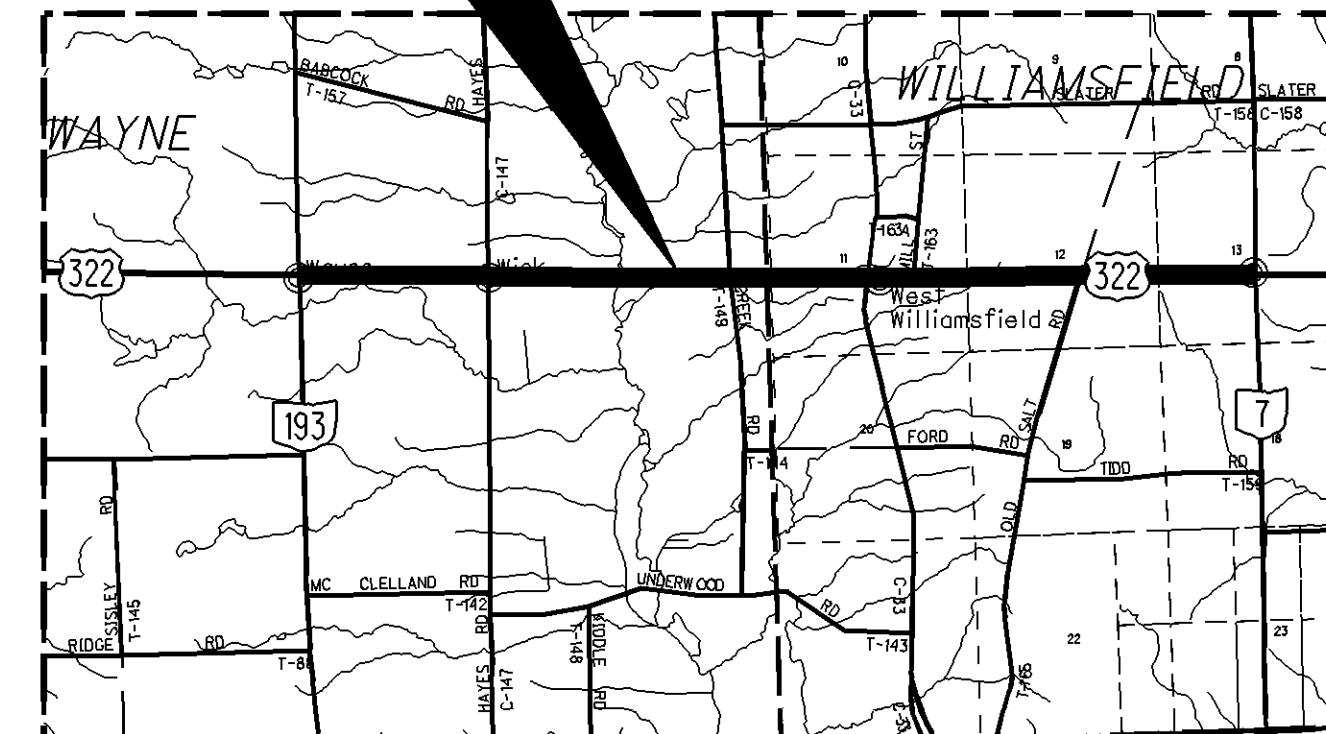
LOCATION 5A  
ATB-US 322  
SLM 0.00 TO SLM 7.03  
GEAUGA CO. LINE TO SR 45  
LATITUDE: 41°32'07"  
LONGITUDE: 80°56'09"

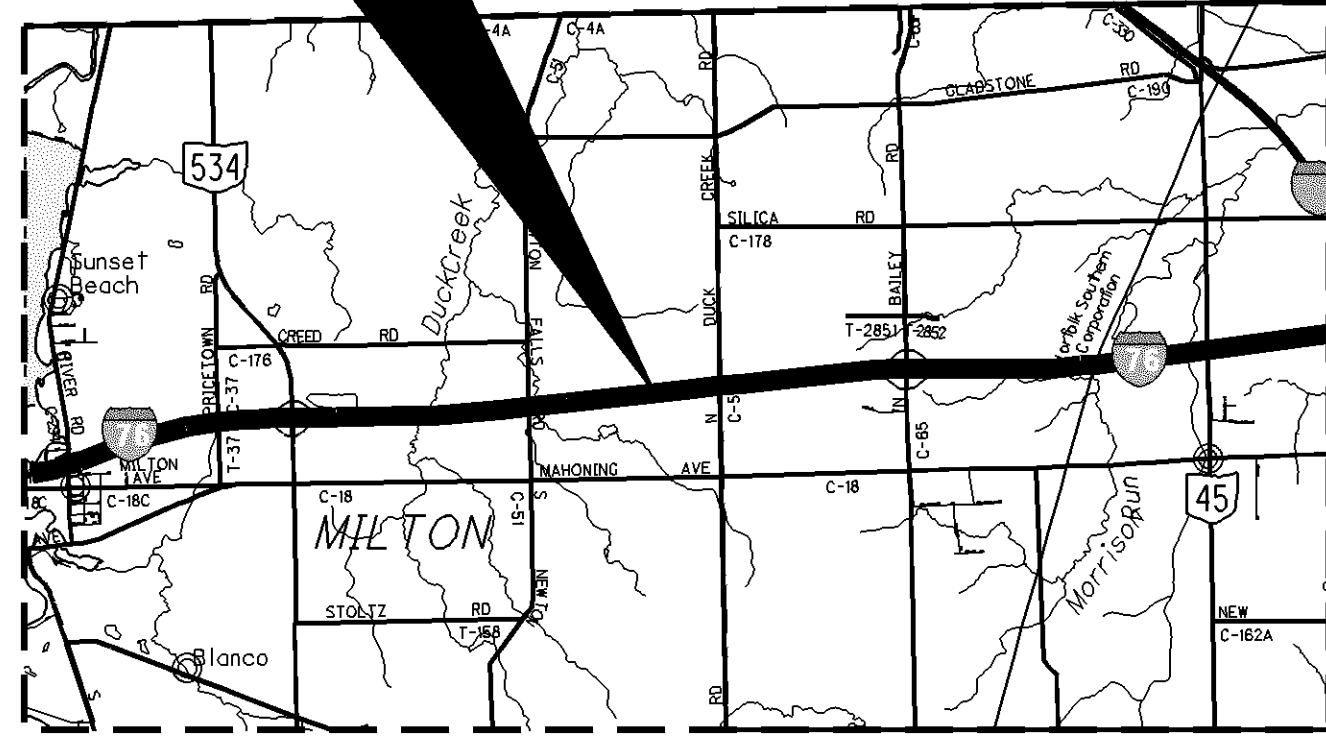


LOCATION 5B  
ATB-US 322  
SLM 12.50 TO SLM 15.06  
SR 46 TO SR 11  
LATITUDE: 41°32'09"  
LONGITUDE: 80°44'18"

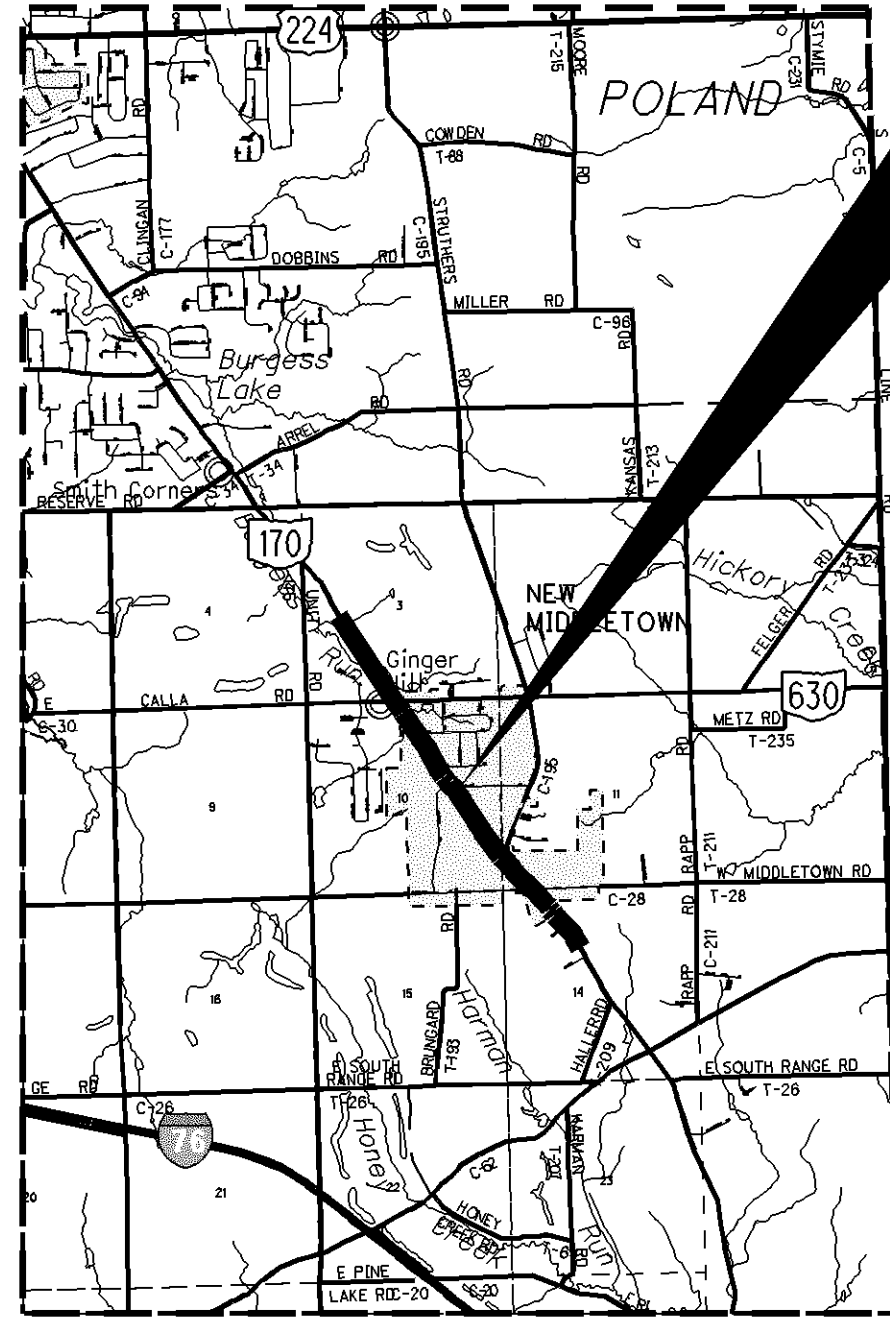


LOCATION 5C  
ATB-US 322  
SLM 17.51 TO SLM 22.50  
SR 193 TO SR 7  
LATITUDE: 41°32'01"  
LONGITUDE: 80°37'05"

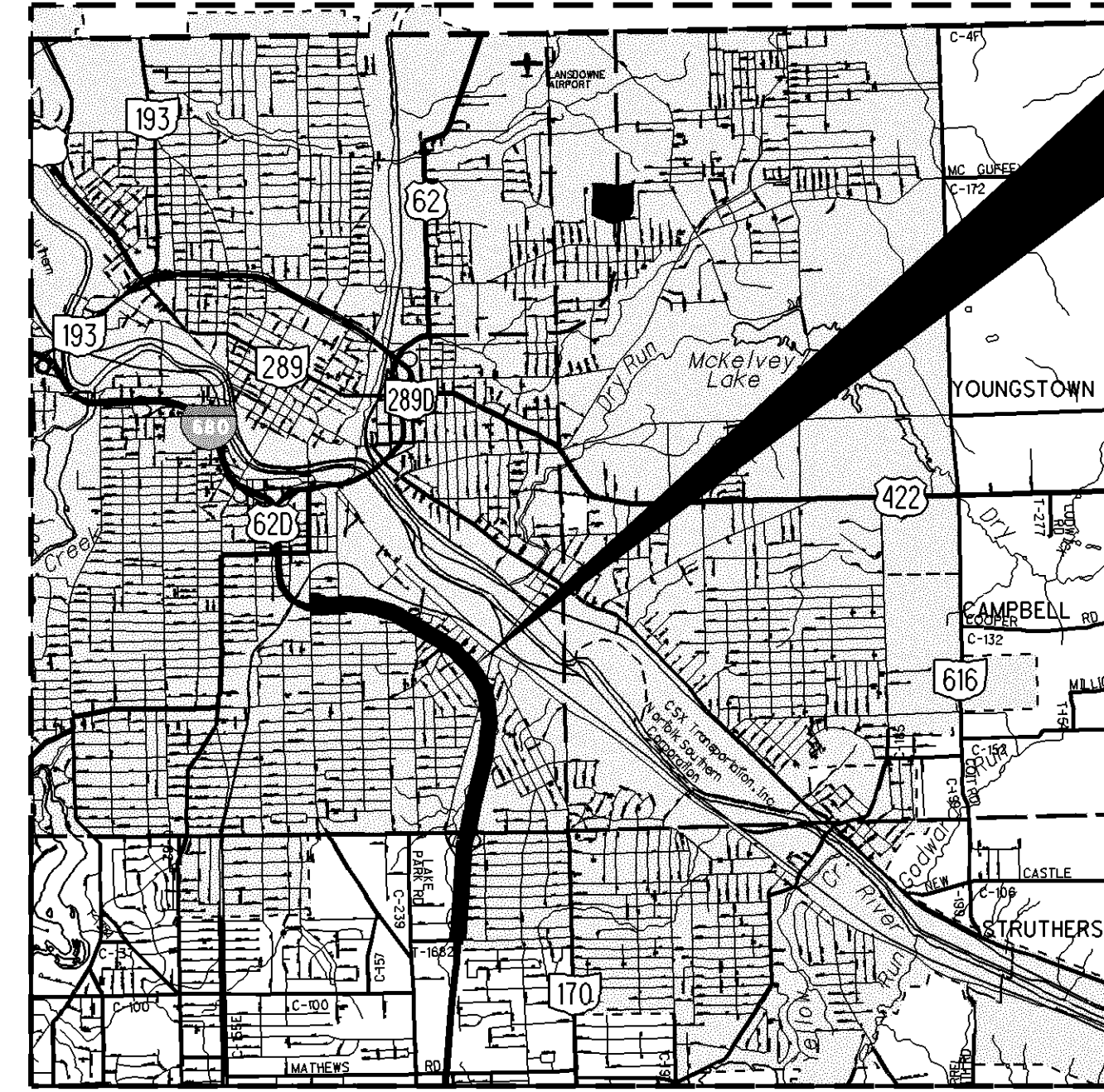




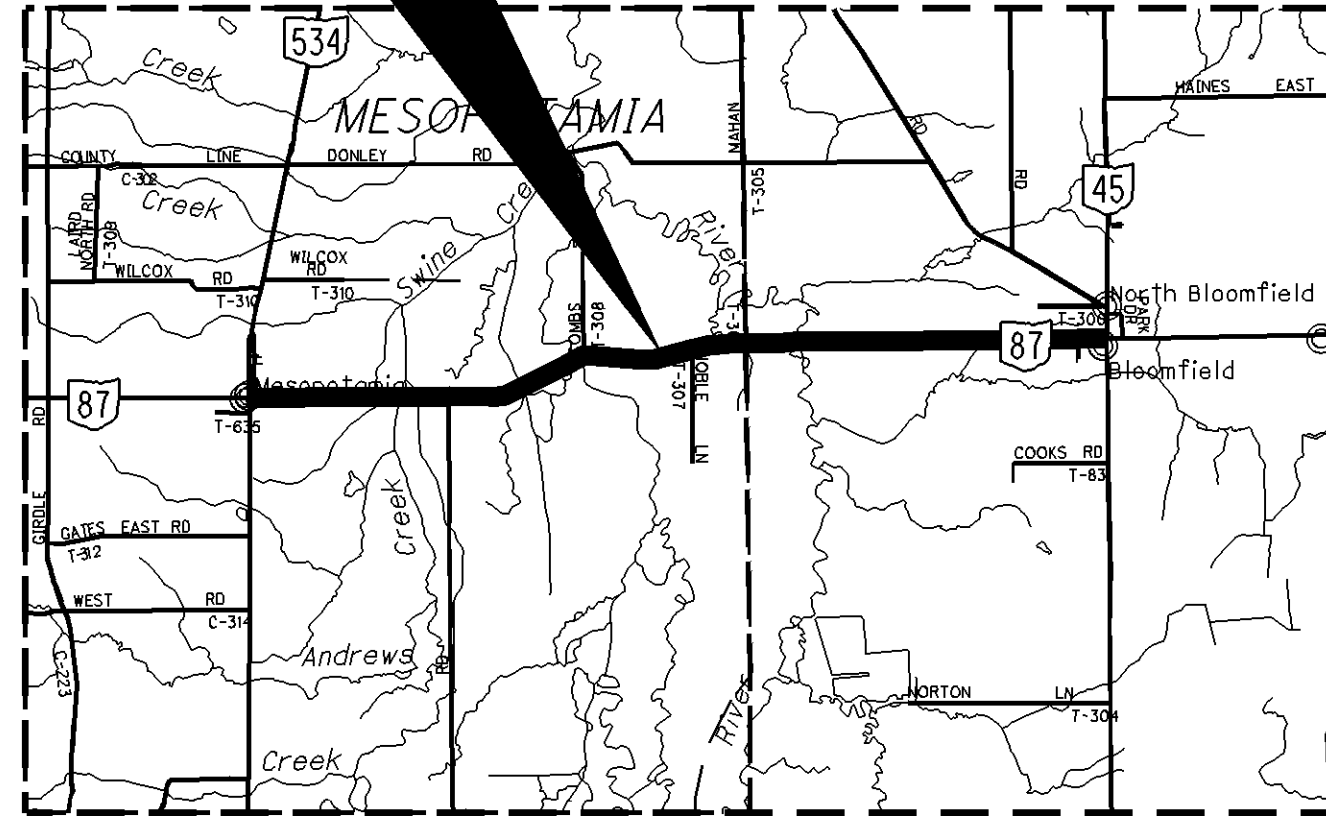
LOCATION 6  
 MAH-IR 76  
 SLM 1.31 TO SLM 8.65  
 MILTON BRIDGE TO MM 8.65  
  
 LATITUDE: 41°06'21"  
 LONGITUDE: 80°54'28"



LOCATION 7  
 MAH-SR 170  
 SLM 4.31 TO SLM 6.50  
 S. OF POLAND TO NEW MIDDLETOWN  
  
 LATITUDE: 40°58'11"  
 LONGITUDE: 80°33'54"

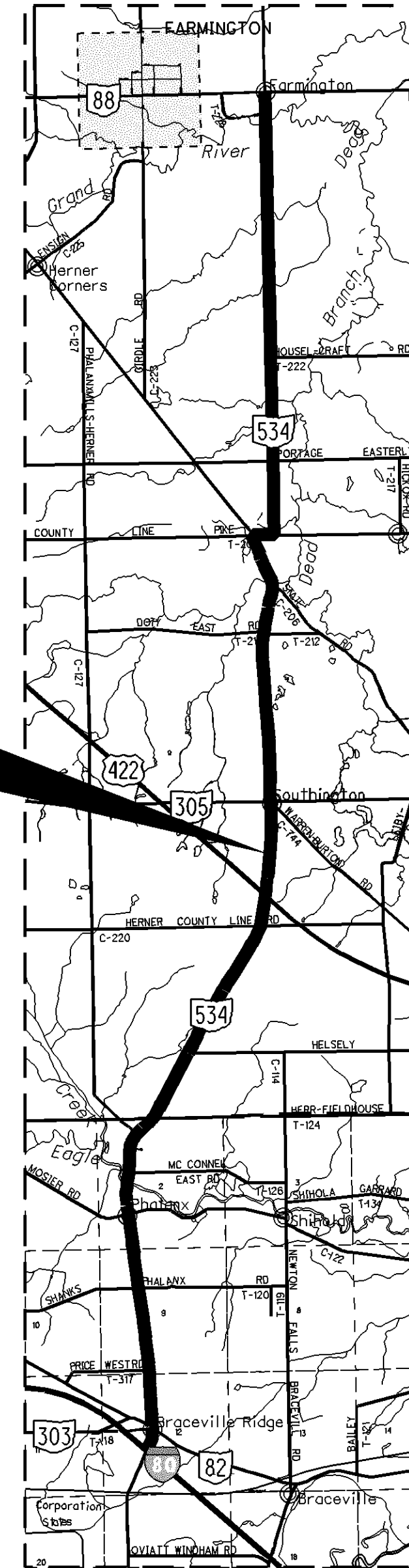


LOCATION 8  
 MAH-IR 680  
 SLM 7.31 TO SLM 9.92  
 0.07 MILES EAST OF GIBSON RD  
 TO THALIA AVE  
  
 LATITUDE: 41°04'11"  
 LONGITUDE: 80°37'32"



LOCATION 9  
 TRU-SR 87  
 SLM 2.50 TO SLM 7.00  
 SR 534 TO 0.05 MILES SOUTH  
 OF SR 45  
  
 LATITUDE: 41°27'39"  
 LONGITUDE: 80°54'45"

LOCATION 10  
 TRU-SR 534  
 SLM 8.00 TO SLM 19.10  
 SR 82 TO SR 88  
  
 LATITUDE: 41°18'45"  
 LONGITUDE: 80°57'21"  
  
 SUSPEND: SLM 18.83  
 RESUME: SLM 18.95



**UTILITIES**

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE OHIO & GAS PROCEDURES UNDERGROUND PROTECTION SERVICE (OGPUPS), THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 4 HEAD-QUARTERS AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION IN ALL AREAS.

OUPS 1-800-362-2764 (CONTACT LIMITED BASIS PARTICIPANTS DIRECTLY)  
 OGPUPS 1-800-925-0988  
 ODOT 330-786-3145 KEN GREENE

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

**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.

**ITEM 621 - RAISED PAVEMENT MARKERS**

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN PROVIDED AND SHALL BE USED AS DIRECTED BY THE ENGINEER FOR THE REMOVAL AND DISPOSAL OF EXISTING RAISED PAVEMENT MARKERS THAT ARE WITHIN THE LIMITS OF THE PAVEMENT REPAIRS AS NEEDED.

ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO PERFORM THIS WORK SHALL BE INCLUDED UNDER THE CONTRACT BID PRICE. QUANTITY THAT WILL BE CARRIED TO THE GENERAL SUMMARY:

621, RAISED PAVEMENT MARKER REMOVED 10 EA.

**ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG 64-22)**

703.05 DO NOT USE COARSE AGGREGATE FROM A SOURCE DESIGNATED 'SR' OR 'SRH' ACCORDING TO THE OFFICE OF MATERIALS MANAGEMENT (OMM) IN ANY JOB MIX FORMULA (JMF) FOR THIS ITEM.

**PAVEMENT MARKINGS**

THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED TO BE USED AS DIRECTED BY THE PROJECT ENGINEER TO MATCH EXISTING PAVEMENT MARKINGS.

THE UNIT BID PRICES ON THESE PAY ITEMS WILL NOT BE ADJUSTED AS PER CMS 104.02.D.

ITEM 642- EDGE LINE, 4", TYPE 1	3 MILES
ITEM 642- EDGE LINE, 6", TYPE 1	1 MILE
ITEM 642- LANE LINE, 4", TYPE 1	2 MILE
ITEM 642- LANE LINE, 6", TYPE 1	2 MILE
ITEM 642- CENTER LINE, TYPE 1	2 MILES
ITEM 642- CHANNELIZING LINE, 12", TYPE 1	400 FEET
ITEM 642- STOP LINE, TYPE 1	100 FEET
ITEM 642- CROSSWALK LINE, TYPE 1	100 FEET
ITEM 642- LANE ARROW, TYPE 1	6 EACH

**ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR**

A QUANTITY OF THIS ITEM SHALL BE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER. THE ITEM SHALL CONSIST OF REPAIRING EXISTING LOCATIONS EXHIBITING SURFACE DETERIORATION AND PLACING ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN (PG64-22). THE ASPHALT CONCRETE SHALL BE COMPACTED UNIFORMLY USING A STEEL WHEEL ROLLER AS PER 401.13. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. THE ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT SHALL BE BASED ON THE ACTUAL NUMBER OF SQUARE YARDS OF PAVEMENT REPAIR.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 28440 SQ. YD.

**BREAKDOWN OF TOTAL BY LOCATIONS:**

LOCATION 1  
 ATB-US 6, SLM: 29.93 TO 32.60  
 SR 7 TO PA LINE  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 600 SQ. YD.

LOCATION 2  
 ATB-SR 86, SLM: 0.00 TO 3.3  
 IRELAND ROAD TO SR534  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 1650 SQ. YD.

LOCATION 3  
 ATB-SR 167, SLM: 11.37 TO 14.08  
 SR 7 TO PA LINE  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 1050 SQ. YD.

LOCATION 4  
 ATB-SR 193, SLM: 0.00 TO 11.00  
 TRU CO LINE TO MM 11  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 4300 SQ. YD.

LOCATION 5 (A,B,C)  
 ATB-US 322, SLM: 0.00 TO 7.03, 12.50-15.06 & 17.51-22.50  
 CO LINE TO SR 7  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 3500 SQ. YD.

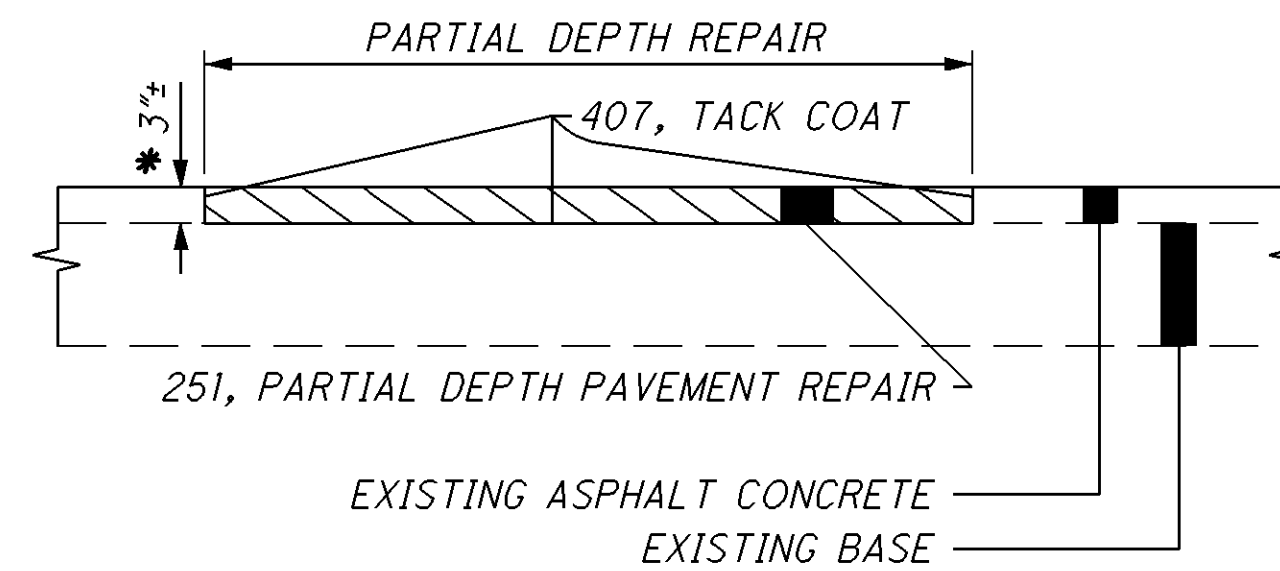
LOCATION 6  
 MAH-IR 76, SLM: 1.31 TO 8.65  
 MILTON BRIDGE TO MM 8.65  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 3750 SQ. YD.

LOCATION 7  
 MAH-SR 170, SLM: 4.31 TO 6.50  
 S. OF POLAND TO NEW MIDDLETOWN  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 1640 SQ. YD.

LOCATION 8  
 MAH-IR 680, SLM: 7.31 TO 9.92  
 MM 7.31 TO THALIA AVE  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 1800 SQ. YD.

LOCATION 9  
 TRU-SR 87, SLM: 2.50 TO 7.00  
 MM 2.50 TO MM 7.00  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 4100 SQ. YD.

LOCATION 10  
 TRU-SR 534, SLM: 8.00 TO 19.10  
 SR 82 TO SR 88  
 251, PARTIAL DEPTH PAVEMENT REPAIR, 6050 SQ. YD.



I:\Projects\D04\Spot Paving\FY2016\East\_PID\_99701\99701\roadway\sheets\99701GN001.dgn 28-DEC-2015 3:03PM ccopelan

CALCULATED PD  
 CHECKED CNC

**GENERAL NOTES**

**D04-SP-FY2016 (EAST)**

**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. THREE OR MORE LANE SECTIONS:  
A MINIMUM OF ONE TEN FOOT LANE IN EACH DIRECTION SHALL BE MAINTAINED ON THE EXISTING PAVEMENT (COMPLETED PAVEMENT AND TEMPORARY PAVEMENT) DURING CONSTRUCTION OF THE WORK.

TWO LANE UNDIVIDED SECTIONS:  
A MINIMUM OF ONE TEN FOOT BIDIRECTION LANE SHALL BE MAINTAINED ON THE EXISTING PAVEMENT (COMPLETED PAVEMENT AND TEMPORARY 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. TRUCK MOUNTED ATTENUATORS [TMA'S] SHALL BE USED AS SHOWN IN THE STANDARD CONSTRUCTION DRAWINGS.

5. ALL PARTIAL 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.

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. ONLY DURING OFF-PEAK PERIODS (i.e 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 642 PAVEMENT MARKINGS.

9. RESIDENTIAL AREAS:  
NO WORK WILL BE PERMITTED BETWEEN 10:00 PM AND 6:00 AM DAILY

10. 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. A QUANTITY OF ITEM 614 WORK ZONE MARKING SIGN HAS BEEN INCLUDED IN THE PLAN. THIS QUANTITY SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING SIGNS: W8-1 [BUMP], W6-3 [TWO-WAY TRAFFIC], W8-H13 [NO EDGE LINES], R4-1 [DO NOT PASS], R4-2 [PASS WITH CARE], W8-11 [UNEVEN LANES]. THESE QUANTITIES SHALL BE AS PER 614.04.

THE FOLLOWING QUANTITIES SHALL BE USED FOR THE MAINTENANCE OF TRAFFIC ON THIS PROJECT:  
614, WORK ZONE MARKING SIGN, 50 EACH

**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.

**WINTER TRAFFIC LIMITATIONS**

ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC BETWEEN NOVEMBER 15 AND APRIL 1. NOVEMBER 14 SHALL BE CONSIDERED TO CONSTITUTE AN INTERIM COMPLETION DATE AND DISINCENTIVES OF \$500 SHALL BE ASSESSED FOR EACH CALENDAR DAY THAT THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT. THE CONTRACTOR MAY CLOSE LANES PRIOR TO APRIL 1 WITH WRITTEN APPROVAL FROM THE DISTRICT CONSTRUCTION ENGINEER.

**LANE CLOSURES (I-680 AND I-76)**

DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AS PER THE PERMITTED LANE CLOSURE CHART. THE PERMITTED LANE CLOSURE CHART USED FOR THIS PROJECT SHALL BE THE MOST CURRENT CHART AVAILABLE ON THE DATE THIS PROJECT SELLS.

THE CHART CAN BE FOUND AT:  
<http://plcm.dot.state.oh.us>

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THE REQUIREMENTS IN THE CHART, THE CONTRACTOR SHALL BE ASSESSED DISINCENTIVES IN THE AMOUNT OF \$2500 PER HOUR OR PORTION THEREOF THAT THE LANE REDUCTION REMAINS BEYOND THE SPECIFIED LIMIT.

**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 EVENTS:

CHRISTMAS	FOURTH OF JULY
NEW YEARS	LABOR DAY
MEMORIAL DAY	THANKSGIVING

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)	12:00N WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA-WIDE.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$3000 FOR EACH HOUR THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

**COOPERATION BETWEEN CONTRACTORS**

THE CONTRACTOR SHALL BE ADVISED THAT PROJECT:

- ATB-193 LOCATION: ATB-193-0.64 (PID 88947)
- TRU-5.34 LOCATION: TRU-534-18.83 (PID 90188)

MAY BE ONGOING IN AN AREA IMMEDIATELY ADJACENT TO AND WITHIN THE PROJECT LIMITS OF THIS PROJECT. THE CONTRACTOR SHALL SCHEDULE HIS WORK SO AS TO CAUSE A MINIMUM OF DELAY OR CONFLICT WITH THE OTHER PROJECTS. IN ACCORDANCE WITH 105.08, THE CONTRACTOR SHALL ARRANGE WITH THE OTHER CONTRACTORS APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL RECEIVE DAILY APPROVALS FROM THE ENGINEER PRIOR TO COMMENCING ANY OPERATIONS. ANY CONFLICT BETWEEN CONTRACTORS INVOLVING WORK SCHEDULES, WORK AREA, OR COOPERATION SHALL BE RESOLVED BY THE ENGINEER. COMPENSATION FOR THE ABOVE COOPERATION SHALL BE INCIDENTAL TO THE VARIOUS PAY ITEMS INCLUDED WITHIN THIS PROJECT.

**INTERIM COMPLETION DATE**

ALL PARTIAL DEPTH REPAIRS ON LOCATION 4 (SR 193 SLM 0.00 TO SLM 11.00) SHALL BE COMPLETED BY JUNE 1, 2016 A DISINCENTIVE IN THE AMOUNT OF \$1,000 PER CALENDER DAY SHALL BE ASSESSED FOR EACH CALENDER DAY THE WORK IS NOT COMPLETED.

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MAINTENANCE OF TRAFFIC GENERAL NOTES

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**ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS**

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE OMTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP). IN GENERAL, LEOS SHOULD BE POSITIONED AT THE POINT OF LANE RESTRICTION OR ROAD CLOSURE AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH INTERSECTIONS IN WORK ZONES.

WHEN CONSTRUCTION VEHICLES ARE ENTERING/EXITING THE ZONE DIRECTLY FROM/INTO AN OPEN LANE OF TRAFFIC. IF A LANE HAS BEEN CLOSED TO PROVIDE AN ACCELERATION/ DECELERATION LANE FOR THE VEHICLE, THE LEO WILL NOT BE REQUIRED.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS' DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. ONCE THE LEO HAS COMPLETED THE DUTIES DESCRIBED ABOVE AND STILL HAS TIME REMAINING ON HIS/HER SHIFT, THE LEO MAY BE ASKED TO PATROL THROUGH THE WORK ZONE (WITH FLASHING LIGHTS OFF) OR BE PLACED AT A LOCATION TO DETER MOTORISTS FROM SPEEDING. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 300 HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

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**MAINTENANCE OF TRAFFIC GENERAL NOTES**

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