

# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

## D04 SP FY2021 (EAST)

### ASHTABULA COUNTY

CITY OF ASHTABULA, ASHTABULA, CHERRY,  
DORSET, & PLYMOUTH TOWNSHIPS

### MAHONING COUNTY

CITY OF YOUNGSTOWN, AUSTINTOWN, BEAVER, BERLIN,  
BOARDMAN, COITSVILLE & MILTON TOWNSHIPS.

**FEDERAL PROJECT NUMBER**

NON-FEDERAL

**RAILROAD INVOLVEMENT**

NONE

**PROJECT DESCRIPTION**

FY 2021 PAVEMENT PREVENTATIVE  
MAINTENANCE ON VARIOUS ROUTES IN  
MAHONING AND ASHTABULA COUNTIES.

**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.

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.

TITLE SHEET

SEE SHEETS 2-3 FOR  
LOCATION MAPS

**LOCATION MAP**

LATITUDE: 41°8'50" LONGITUDE: 80°53'11"

**DESIGN DESIGNATION**

ROUTE	NHS	DESIGN FUNCTIONAL CLASSIFICATION
ATB-193 (7.76-11.33)	NO	RURAL MAJOR COLLECTOR
ATB-11 (22.16-29.04)	YES	RURAL OTHER FREEWAY AND EXPRESSWAY
MAH-680 (0.00-11.80)	YES	URBAN INTERSTATE
MAH-422 (7.58-10.14)	YES	RURAL PRINCIPAL ARTERIAL
MAH-164 (0.00-3.59)	NO	RURAL MAJOR COLLECTOR
MAH-534 (8.60-13.78)	NO	RURAL MAJOR COLLECTOR

**INDEX OF SHEETS:**

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**DESIGN EXCEPTIONS**

NONE

**ADA DESIGN WAIVERS**

NONE

**UNDERGROUND UTILITIES**  
Contact Two Working Days  
Before You Dig

  
**OHIO811.org**  
Before You Dig

OHIO 811, 8-1-1, or 1-800-362-2764  
(Non members must be called directly)

PLAN PREPARED BY:  
ODOT DISTRICT 4, PLANNING & ENGINEERING  
2088 S. ARLINGTON ROAD  
AKRON, OH 44306

ENGINEER'S SEAL:


STATE OF OHIO  
REBECCA  
M. MOCARSKI  
E-68469  
REGISTERED  
PROFESSIONAL ENGINEER

SIGNED: *Rebecca M. MocarSKI*  
DATE: 1/5/21

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	01/17/20	TC-65.11	7/21/17	800-2020	1/15/21
BP-5.1	1/18/19	TC-71.10	1/19/18	821	4/20/12
				832	10/19/18
				921	4/20/12
MT-95.30	7/19/19				
MT-95.31	7/19/19				
MT-95.32	4/19/19				
MT-97.10	4/19/19				
MT-97.11	1/20/17				
MT-99.20	4/19/19				
MT-101.90	7/17/20				
MT-105.10	1/17/20				
TC-41.20	10/18/13				
TC-52.10	10/18/13				
TC-52.20	7/20/18				
TC-65.10	1/17/14				

APPROVED *AG Noiro Jr.*  
DATE: 01/06/2021 DISTRICT DEPUTY DIRECTOR

APPROVED \_\_\_\_\_  
DATE \_\_\_\_\_ DIRECTOR, DEPARTMENT OF  
TRANSPORTATION

DESIGN AGENCY	
DESIGNER	BKT
REVIEWER	RMM MM-DD-YY
PROJECT ID	111619
SHEET	TOTAL
P.1	7

D04-SP-FY2021(EAST)

MODEL: Sheet PAPER SIZE: 17x11 (in.) DATE: 4/13/2021 TIME: 8:23:40 AM USER: mpalagan pwc:\ohiodot-pw\benley.com\shahidoc-pw-02\Documents\01 Active Projects\District 04\ \_D04111619\400-Engineering\Roadway\Sheets\111619\_GT001.dgn

LOCATION 1  
NOT USED



END CONSTRUCTION  
ATB 193 SLM 11.33

LOCATION 2  
ASHTABULA COUNTY (SR-193)  
SLM: 7.76 TO 11.33  
LATITUDE: 41°38'12"  
LONGITUDE: 80°40'00"

START CONSTRUCTION  
ATB 193 SLM 7.76



LOCATION MAPS  
ASHTABULA COUNTY

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**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 HEADQUARTERS AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN ALL AREAS.

OUPS 1-800-362-2764 (CONTACT LIMITED BASIS PARTICIPANTS DIRECTLY)  
 OGPUPS 1-800-925-0988  
 ODOT 330-786-2267 MICHELLE CHANEY

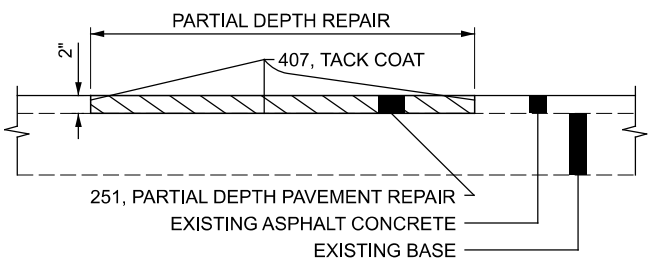
THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

**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 251 - PARTIAL DEPTH PAVEMENT REPAIR (441)**

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), PG64-22. MINIMUM WIDTH IS 2'. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED AREA WITHIN THE PROJECT. THE ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. 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:



**BREAKDOWN OF TOTAL BY LOCATION**

- LOCATION 1  
NOT USED
- LOCATION 2  
ATB-193: NB AND SB FROM US 6 TO MARRIAN RD. [SLM 7.76-11.33]  
251, PARTIAL DEPTH PAVEMENT REPAIR (441), 12,450 SQ. YD.
- LOCATION 3  
MAH-680: SR-11 TO US-224 [ SLM 0.00-11.80]  
251, PARTIAL DEPTH PAVEMENT REPAIR (441), 1,650 SQ. YD.
- LOCATION 4  
MAH-534: US 224 to I-76 [SLM 8.60-13.78]  
251, PARTIAL DEPTH PAVEMENT REPAIR (441), 600 SQ. YD.

**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, 6", TYPE 1	3 MILES
ITEM 642 - LANE LINE, 6", TYPE 1	1 MILE
ITEM 642 - STOP LINE, TYPE 1	50 FT
ITEM 642 - CHANNELIZING LINE, 8", TYPE 1	100 FT
ITEM 642 - CHANNELIZING LINE, 12", TYPE 1	500 FT
ITEM 642 - CENTER LINE, TYPE 1	2 MILES

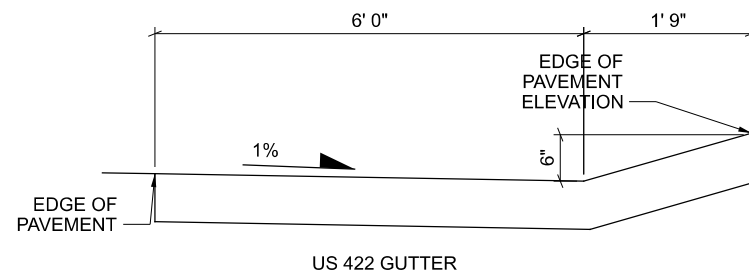
**LOCATION 5 - MAH-422 (FROM SR 616 TO PA LINE)**

THE EXISTING GUTTER ON MAH-422 FROM SLM 7.58 TO SLM 10.14 SHALL BE REPAIRED. IT IS NOT THE INTENT TO REPAIR EVERY DETERIORATED SECTION WITHIN THE PROJECT LIMITS. THE ENGINEER SHALL DETERMINE WHICH AREAS ARE TO BE REPAIRED. THE FOLLOWING QUANTITIES SHALL BE USED TO REPAIR THE EXISTING GUTTER.

ITEM 202, CURB & GUTTER REMOVED, AS PER PLAN, 1,000 FT  
 ITEM 452, 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN, 862 SY  
 ITEM 659, SEEDING AND MULCHING, 223 SY

**ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN**

THIS ITEM SHALL BE USED TO REPAIR THE EXISTING CONCRETE GUTTER ON US-422 IN MAHONING COUNTY. THE PAVEMENT SHALL BE PLACED AS SHOWN IN THE DETAIL BELOW.



**ITEM 621 - RAISED PAVEMENT MARKER REMOVAL**

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 EACH

**RAIL CROSSING**

NO WORK SHALL OCCUR WITHIN ANY RAILROAD RIGHT OF WAY.

**ITEM 611 - CATCH BASIN ADJUSTED TO GRADE  
 ITEM 611 - MANHOLE ADJUSTED TO GRADE**

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY AND IS TO BE USED AS DIRECTED BY THE ENGINEER TO ADJUST EXISTING CATCH BASINS TO GRADE.

611, CATCH BASIN ADJUSTED TO GRADE, 5 EACH  
 611, MANHOLE ADJUSTED TO GRADE, 5 EACH

**PAVEMENT REPAIRS NEAR SIGNALS**

THE CONTRACTOR SHALL CONTACT MICHELLE CHANEY AT 330-786-2267 SHOULD ANY WORK BE DONE WITHIN 500' OF ANY SIGNAL.

**ASHTABULA AND WEST BRANCH ASHTABULA STATE SCENIC RIVERS:**

THE CONTRACTOR SHALL NOT DISCHARGE TOXIC OR HAZARDOUS MATERIALS SUCH AS SEALANTS, PAINT, SOLVENTS, CLEANING AGENTS, EARTHEN MATERIALS, WASTE-WATER, FUELS, OR DEBRIS OF ANY KIND TO A SCENIC RIVER, ITS TRIBUTARIES, OR DRAINAGE WAYS. IF REFUELING OF IMMOBILE EQUIPMENT IS NECESSARY WITHIN THE FLOODPLAIN OR NEAR ANY TRIBUTARY DRAINAGE WAYS, DITCHES, OR STREAMS, THE CONTRACTOR SHALL PROVIDE SECONDARY CONTAINMENT WITH ENOUGH CAPACITY TO COMPLETELY CONTAIN AND COLLECT ALL POTENTIAL LIQUID WASTES IN THE EVEN OF A SPILL.

ANY AND ALL CONSTRUCTION DEBRIS, EARTHEN DEBRIS, EXCESS ASPHALT OR CONCRETE, WOOD DEBRIS FROM CLEARING, EXCESS FILL MATERIAL, AND TRASH SHOULD BE DISPOSED OF AT AN APPROVED UPLAND SITE OR LAND FILL ABOVE FEMA 100-YEAR FLOOD ELEVATIONS. DISPOSAL OF ANY SUCH MATERIALS WITHIN 1,000 FEET OF THE ASHTABULA STATE SCENIC RIVER AND THE WEST BRANCH - ASHTABULA STATE SCENIC RIVER IS PROHIBITED.

THE CONTRACTOR SHALL KEEP ALL IDLE EQUIPMENT, FUELS, LUBRICANTS, AND ANY STORAGE FOR/OF POTENTIALLY TOXIC OR HAZARDOUS MATERIALS OUT OF THE FEMA DESIGNATED SPECIAL FLOOD HAZARD AREA AND NOT WITHIN 1,000 FEET OF THE ASHTABULA STATE SCENIC RIVER AND THE WEST BRANCH-ASHTABULA STATE SCENIC RIVER.

IN ACCORDANCE WITH ORC 3750.06, REPORTABLE SPILL MUST BE REPORTED TO THE LOCAL FIRE DEPARTMENT (911), THE LOCAL EMERGENCY COORDINATOR MIKE FITCHET/ASHTABULA COUNTY (440-576-0055) AND DENNIS O'HARA/MAHONING COUNTY (330-716-4685), AND THE OHIO SPILL LINE (1-800-282-9378).

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER 40 DAYS PRIOR TO WORK WITHIN 1,000 FEET OF THE ASHTABULA STATE SCENIC RIVER AND THE WEST BRANCH - ASHTABULA STATE SCENIC RIVER. THE PROJECT ENGINEER SHALL NOTIFY THE DISTRICT ENVIRONMENTAL COORDINATOR 35 DAYS PRIOR TO WORK WITHIN 1,000 FEET OF THE STATE SCENIC RIVER. THE DISTRICT ENVIRONMENTAL COORDINATOR SHALL COORDINATE WITH ODNR SCENIC RIVERS A MINIMUM OF 30 DAYS PRIOR TO ANY WORK WITHIN 1,000 FEET OF THE ASHTABULA STATE SCENIC RIVER AND THE WEST BRANCH - ASHTABULA STATE SCENIC RIVER.

DESIGN AGENCY



DESIGNER

BKT

REVIEWER

RMM MM-DD-YY

PROJECT ID

111619

SHEET TOTAL

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