POR-82-5.84

END PROJECT STA. 18+95.00 -0 **BEGIN PROJECT** STA. 9+15.00

LOCATION MAP

LATITUDE: N 41°18'31" LONGITUDE: W 81°16'52"



SR 82

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

DESIGN DESIGNATION

CURRENT ADT (2022)	7,150
DESIGN YEAR ADT (2042)	7,700
DESIGN HOURLY VOLUME (2042)	900
DIRECTIONAL DISTRIBUTION	68%
TRUCKS (24 HOUR B&C)	2%
DESIGN SPEED	50 MPH
LEGAL SPEED	45 MPH

DESIGN FUNCTIONAL CLASSIFICATION: SR 82 RURAL MAJOR COLLECTOR CHAMBERLAIN ROAD LOCAL ROAD

NHS PROJECT NO

DESIGN EXCEPTIONS

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: **AECOM**

564 WHITE POND DRIVE AKRON, OHIO 44320-1100 (330) 836-9111

Chamberlain Rd. 3,250

3,500 410 62% 4%

45 MPH 45 MPH NORTH 40 MPH SOUTH

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

POR-82-5.84

MANTUA TOWNSHIP PORTAGE COUNTY

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FEDERAL PROJECT NUMBER

E191 (180)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

IMPROVEMENTS WILL INCLUDE THE INSTALLATION OF A ROUNDABOUT AT THE INTERSECTION OF SR 82 AND CHAMBERLAIN ROAD RESULTING IN THE RECONSTRUCTION OF 0.17 MILES OF SR 82 AND THE CONSTRUCTION OF CURB, DRAINAGE, LIGHTING, AND NEW SIGNING AND PAVEMENT MARKINGS. INCLUDES 0.24 MILES RESURFACING AND ADDITION OF CENTER AND EDGE RUMBLE STRIPES ALONG WEST CURVE

EARTH DISTURBED AREAS

3.6 ACRES PROJECT EARTH DISTURBED AREA: ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.8 ACRES NOTICE OF INTENT EARTH DISTURBED AREA: BMP'S BEING IMPLEMENTED: VEGETATIVE BIOFILTERS (VBF) AND VEGETATIVE FILTER STRIPS (VFS)

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 REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DE-TOURS WILL BE PROVIDED AS INDICATED ON SHEETS P.16 TO P.17

SUPPLEMENTAL SPECIAL STANDARD CONSTRUCTION DRAWINGS SPECIFICATIONS **PROVISIONS** 4/16/21 WATERWAY PERMIT 01/15/21 MGS-1.1 10/18/13 01/17/20 MGS-2.1 10/19/18 1/19/18 HL-10.12 10/18/13 1/20/17 TC-41.30 BP-3.1 1/18/19 MGS-4.2 7/19/13 HL-10.13 1/17/20 4/17/20 TC-42.10 10/18/13 BP-3.2 7/19/13 MGS-4.3 10/19/18 1/18/13 HL-20.11 1/15/21 TC-42.20 10/18/13 BP-4.1 ENGINEER'S SEAL: 7/15/16 HL-30.11 836 1/19/18 1/18/19 MGS-5.3 10/18/13 1/15/21 TC-52.10 4/17/20 TC-52.20 1/15/21 HL-30.21 7/19/19 1/15/21 HW-1.1 7/20/18 HL-30.22 1/15/21 TC-61.30 CB-2.1 1/15/21 HW-2.2 7/17/20 TC-64.10 1/17/20 7/20/18 HL-40.10 CB-2.2 7/21/17 TC-65.10 1/17/14 8X8 X/1\7/2 HL-60.11 4/18/14 7/17/20 LA-1.2 1/16/09 HL-60.12 1/15/21 TC-65.11 7/21/17 DM-1.1 7/19/19 1/17/20 TC-71.10 HL-60.31 DM-1.2 1/18/13 4/21/17 7/20/12 MH-1.1 1/15/16 1/15/16 MH-1.2 1/15/16 DM-4.3 4/19/19 MT-97-10 DM-4.4 1/15/16 RM-1.1 1/15/21 MT-101.60 1/17/20 DATE: 4/2/2021

DATE 4/26/21 DISTRICT DEPUTY DIRECTOR

APPROVED

DIRECTOR, DEPARTMENT OF TRANSPORTATION

DESIGN AGENCY

STO

AECOM

JNR 02/19/21 111007

P.1 P.126

GENERAL

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

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

GAS DOMINION ENERGY OHIO ATTN: JOHN MEERDINK 320 SPRINGSIDE DR. STE 320 AKRON, OHIO 44333 (330) 664-2467

NORTHEAST OHIO NATURAL ATTN: TIM REILLY 8470 STATION STREET MENTOR, OHIO 44060 (440) 701-5100

ELECTRIC FIRST ENERGY OHIO ATTN: DAVID MILLER 1910 WEST MARKET STREET **BUILDING #1** AKRON, OHIO 44333 (330) 436-4055

CABLE/COMMUNICATIONS CHARTER COMMUNICATIONS ATTN: MARK JACKSON 1200 BROWNSTONE AVE. AKRON, OHIO 44310 (330)

WINDSTREAM COMMUNICATIONS ATTN: BRIAN VINSON 245 NORTH MAIN ST HUDSON, OHIO 44236 (330) 650-8484

DISTRICT TRAFFIC ODOT DISTRICT 4 ATTN: MICHELLE CHANEY 2088 S. ARLINGTON ROAD AKRON, OHIO 44306 (330) 786-2267

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

COORDINATION OF WORK WITH UTILITY COMPANIES

RELOCATION OF EXISTING OVERHEAD AND UNDERGROUND FACILITIES BY THE AFFECTED UTILITY OWNERS IS REQUIRED FOR COMPLETION OF THE WORK. IF EXISTING UTILITY FACILITIES ARE NOT CLEARED FROM THE CONSTRUCTION AREA AT THE TIME OF CONTRACT AWARD AND NOTICE TO PROCEED, THE CONTRACTOR WILL BE REQUIRED TO COORDINATE THIS WORK WITH THAT OF THE AFFECTED UTILITY OWNERS AND SHALL REFLECT THIS IN THE SCHEDULE, MAINTENANCE OF TRAFFIC PLANS, AND UNIT COSTS.

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT. DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

ITEM 202 - REMOVAL MISC.: ABANDONED WOODEN ELECTRIC POLE

THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE ABANDONED ELECTRIC POLE LOCATED AT STA. 201+66, 31' RT. ON CHAMBERLAIN ROAD. THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 202.

PAYMENT FOR ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID PER EACH FOR:

ITEM 202 - REMOVAL MISC.: ABANDONED WOODEN ELECTRIC POLE

WORK ADJACENT TO DOMINION ENERGY OHIO PIPELINE(S) AND FACILITIES

CONTRACTOR TO REFERENCE UTILITY 4A NOTE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE LATERAL AND SUBJACENT SUPPORT OF DOMINION ENERGY'S PIPELINE(S), IN COMPLIANCE TO 29 CFR, PART 1926, SUBPART P, (SAFE EXCAVATION & SHORING). ONE-FOOT MINIMUM VERTICAL AND HORIZONTAL CLEARANCE MUST BE MAINTAINED BETWEEN DOMINION ENERGY'S OHIO'S (DEO) EXISTING PIPELINE(S) AND ALL OTHER IMPROVEMENTS. EXTREME CARE SHOULD BE TAKEN NOT TO HARM ANY DEO FACILITY (PIPELINES, ETC.) OR APPURTENANCE (PIPE COATING, TRACER WIRE, CATHODIC PROTECTION TEST STATION WIRES & DEVICES, VALVE BOXES, ETC.) DEO FACILITIES MUST BE PROTECTED WITH A TARP DURING BRIDGE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE AND LIABLE FOR ENSURING THAT ALL DEO EXISTING FACILITIES. ABOVE AND BELOW GROUND, REMAIN UNDAMAGED, ACCESSIBLE AND IN WORKING ORDER. THE CROSSING OF DEO'S PIPELINE WITH ANOTHER STEEL FACILITY MAY CREATE A POTENTIAL CORROSION ISSUE FOR THE PROPOSED FACILITY AND THE EXISTING DEO FACILITY. PLEASE CONTACT DOMINION ENERGY OHIO'S CORROSION DEPARTMENT: DAVE CUTLIP (330-266-2121), RICK MCDONALD (330-266-2122), OR AL HUMRICHOUSER (330-478-3757).

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 8 PM AND 7 AM EXCEPT AS DIRECTED BY THE ENGINEER. INADDITION, 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.

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 202 - REMOVAL MISC.: OLD COUNTRY INN SIGN ITEM 202 - REMOVAL MISC.: CORN MAZE SIGN ITEM 202 - REMOVAL MISC.: PRIVATE WAYFINDING SIGN

IN ADDITION TO THE REQUIREMENTS OF 202. THIS ITEM SHALL INCLUDE THE REMOVAL OF THE COMMERCIAL SIGN, INCLUDING BUT NOT LIMITED TO ALL ELECTRICAL CONNECTIONS AND LIGHTING, FOUNDATIONS, AND SUPPORTS. ANY ELECTRICAL CIRCUITS SERVICING THE COMMERCIAL SIGN SHALL BE REMOVED TO THE RIGHT OF WAY LINE AND CAPPED.

THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER PRIOR TO STARTING REMOVAL. IF OWNERSHIP IS QUESTIONABLE, THE CONTRACTOR SHOULD CONSIDER CONTACTING THE LOCAL ELECTRIC SUPPLIER.

PAYMENT FOR ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE THE WORK DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID PER EACH FOR: ITEM 202 - REMOVAL MISC.: OLD COUNTRY INN SIGN ITEM 202 - REMOVAL MISC.: CORN MAZE SIGN ITEM 202 - REMOVAL MISC.: PRIVATE WAYFINDING SIGN

SURVEYING PARAMETERS

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET P.2 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL. VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: ODOT VRS GNSS MONUMENT TYPE: TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88 GEOID12B GEOID:

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011) GRS80 ELLIPSOID:

MAP PROJECTION: LAMBERT CONFORMAL CONIC COORDINATE SYSTEM: OHIO STATE PLANE, NORTH ZONE

COMBINED SCALE FACTOR: 0.99989767 ORIGIN OF COORDINATE

SYSTEM: 0,0,0

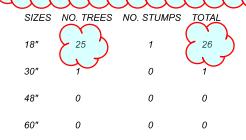
USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET. USE THE FOLLOWING CONVERSION FACTOR: 1 METER = 3.280833333 U.S. SURVEY FEET.

CLEARING AND GRUBBING

REMOVE ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE

OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED. ODOT HAS REMOVED ALL TREES MARKED EXCEPT FOR THE 15" IN THE NW QUADRANT



ITEM 204 - PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING.

ITEM 204 - PROOF ROLLING 6 HOURS.

ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

- 1. SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
- 2. EXCAVATE AND REPLACE UNSTABLE SUBGRADE BEFORE PROOF ROLLING. THE EXCAVATION LIMITS ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSTABLE SUBGRADE. UNSTABLE SUBGRADE INCLUDES UNSTABLE SOIL (A-4B, A-2-5, A-5, A-7-5, AND SOIL WITH A LIQUID LIMIT GREATER THAN 65) AND ANY COAL, SHALE, OR ROCK WHICH NEEDS TO BE REMOVED ACCORDING TO 204.05.

IF THERE IS UNSTABLE SUBGRADE IN A SHALLOW FILL LOCATION, EXCAVATE AND REPLACE THE UNSTABLE SUBGRADE BEFORE CONSTRUCTING THE SHALLOW FILL AND SHAPING THE SUBGRADE.

- 3. COMPACT THE SUBGRADE ACCORDING TO 204.03.
- 4. APPROXIMATE LIMITS FOR EXCAVATION OF UNSTABLE SUBGRADE ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSTABLE SUBGRADE. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.

PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO 204.06.

- 5. EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO 204.07. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.
- 6. PROOF ROLL THE STABILIZED AREAS ACCORDING TO 204.06 TO VERIFY STABILITY.
- 7. FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

THE QUANTITY FOR EXCAVATING THE UNSTABLE SUBGRADE AND IS PAID UNDER ITEM 204 EXCAVATION OF SUBGRADE.

MONUMENT ASSEMBLIES

CONSTRUCT MONUMENT ASSEMBLIES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN ON SHEET P.113



STO INR 02/19/2 111007

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ITEM 614, MAINTAINING TRAFFIC

THE CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING, ERECTING, AND MAINTAINING THE DETOUR ROUTES AS SHOWN ON SHEETS <u>P.16</u> - <u>P.17</u>. A 90-DAY DETOUR AND ROAD CLOSURE WILL BE ALLOWED. THE CONTRACTOR WILL COORDINATE THE DETOUR WITH ALL APPROPRIATE EMERGENCY SERVICES AND LOCAL OFFICIALS.

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.

ITEM 614, MAINTAINING TRAFFIC (NOTICE OF CLOSURE)

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. [AT THE APPROVAL OF THE ENGINEER, PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.]

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE:

DURATION SIGN DISPLAYED
OF CLOSURE TO PUBLIC

>=2 WEEKS 14 CALENDAR DAYS PRIOR

TO CLOSURE

> 12 HOURS 7 CALENDAR DAYS PRIOR

& < 2 WEEKS TO CLOSURE

< 12 HOURS 2 BUSINESS DAYS PRIOR

TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

ITEM 614, MAINTAINING TRAFFIC (ESTIMATED QUANTITIES)

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

410 - TRAFFIC COMPACTED SURFACE, TYPE A OR B 185 CU. YD.

410 - TRAFFIC COMPACTED SURFACE, TYPE C 480 CU. YD.

15 M. GAL.

614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC 40 CU. YD.

616 - WATER

ITEM 614, MAINTAINING TRAFFIC (ROAD CLOSED SIGN)

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

SR 82 JUST EAST OF CHAMBERLAIN ROAD INTERSECTION SR 82 JUST WEST OF CHAMBERLAIN ROAD INTERSECTION CHAMBERLAIN ROAD JUST NORTH OF SR 82 INTERSECTION CHAMBERLAIN ROAD JUST SOUTH OF SR 82 INTERSECTION

ITEM 614, MAINTAINING TRAFFIC (TIME LIMITATION ON A DETOUR)

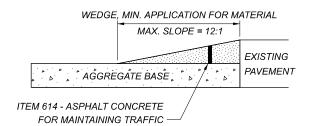
A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 90 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET P.16 - P.17 . A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$ 10,000 PER DAY FOR EACH CALENDAR DAY THE ROADWAY REMAINS CLOSED TO TRAFFIC BEYOND THE SPECIFIED LIMIT.

TEMPORARY RAMPING OF VERTICAL SURFACES AT DRIVEWAYS

IN ORDER TO PROVIDE FOR LOCAL ACCESS, LONGITUDINAL VERTICAL FACES ABUTTING DRIVES SHALL BE TEMPORARILY RAMPED AS DETAILED BELOW. TRANSVERSE VERTICAL FACES SHALL BE TEMPORARILY RAMPED A MINIMUM OF TEN FEET IN LENGTH AND TRAFFIC SHALL BE WARNED WITH WB-1 "BUMP" SIGNS IN ADVANCE OF THE RAMPED AREAS. THE GRADE BREAK SHALL NOT EXCEED A MAXIMUM OF 8% AT EITHER END OF THE WEDGE

ALL TEMPORARY RAMPING SHALL BE INSTALLED, AT THE DIRECTION OF THE ENGINEER, USING ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY:

614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC 200 CU. YD.



DUMPSTER ACCESS DURING CONSTRUCTION

A DUMPSTER IS LOCATED ADJACENT TO THE EXISTING DRIVEWAY AT THE PROPERTY OF 3030 STATE ROUTE 82. CONTRACTOR SHALL PROVIDE ACCESS TO THIS DUMPSTER FOR TRASH PICKUP THROUGHOUT CONSTRUCTION.

DRIVES WITHIN DETOUR

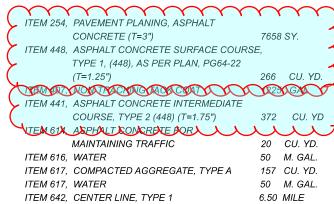
THE CONTRACTOR SHALL PROVIDE A 'ONE-WAY' R6-1-36 SIGN ACROSS FROM ALL DRIVES WITHIN CLOSURE LIMITS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614 - DETOUR SIGNING.

DESIGNATED LOCAL DETOUR ROUTE

IN ADDITION TO THE OFFICIAL, SIGNED DETOUR ROUTE, A LOCAL ROUTE HAS BEEN DETERMINED TO BE THE SECONDARY, UNSIGNED DETOUR ROUTE OR "DESIGNATED LOCAL DETOUR ROUTE" ON MENNONITE ROAD. DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THIS ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DETERMINED BY THE ENGINEER.

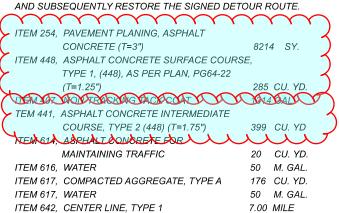
THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DETERMINED BY THE ENGINEER TO MAINTAIN AND SUBSEQUENTLY RESTORE THE DESIGNATED LOCAL DETOUR ROUTE.



DESIGNATED LOCAL SIGNED DETOUR ROUTE

A LOCAL ROUTE HAS BEEN DETERMINED TO BE THE SIGNED DETOUR ROUTE FOR CHAMBERLAIN ROAD. THIS ROUTE IS SHOWN ON SHEET P.17. DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THIS ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL SIGNED DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DETERMINED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DETERMINED BY THE ENGINEER TO MAINTAIN



ESIGN AGENCY

AECOM

DESIGNER

JES

REVIEWER

MAW 07-24-20

PROJECT ID

111007

SHEET TOTAL

P.14 P.126

GENERAL SUMMARY

DESIGN AGENCY

AECOM

DESIGNER
STO

REVIEWER
MAW 02/19/2
PROJECT ID
111007

P.20 P.126

OR-82-5.84



HORIZONTAL SCALE IN FEET 20

SR 82 AND CHAMBERLAIN ROAD STA. 11+25 TO STA. 16+25

DESIGN AGENCY

A V

7

A≣COM

AECOM

STO

REVIEWER

JNR 02/19/21

PROJECT ID

111007
SHEET TOTAL
P.27 P.126

