

PROPOSED WORK

THE PROJECT IS A DECK REPLACEMENT PROJECT OVER IR 71 WITH MINIMAL APPROACH WORK. MOST OF THE WORK CAN BE COMPLETED WITHOUT IMPACT TO TRAFFIC. FOR CONSTRUCTION WORK THAT REQUIRES LANE CLOSURES ON IR 71 AND/OR THE IR 71, IR 90/IR 490, AND SR 176 RAMPS BELOW THE BRIDGE, PERFORM ALL CLOSURES IN ACCORDANCE WITH ODOT STANDARD CONSTRUCTION DRAWINGS AND AT THE APPROVAL OF THE ENGINEER.

ITEM 614 - MAINTAINING TRAFFIC

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, LATEST REVISION.

THE BUHRER AVENUE BRIDGE WILL BE CLOSED AND ALL PEDESTRIANS WILL BE DETOURED DURING CONSTRUCTION. PEDESTRIANS SHALL BE WARNED, GUIDED, AND PROTECTED IN ACCORDANCE WITH THE DETAILS PROVIDED ON SHEET 10 AND THE APPLICABLE PORTIONS OF ODOT STANDARD CONSTRUCTION DRAWING MT-110.10.

THE EXISTING NUMBER OF TRAVEL LANES FOR EACH UNDERPASS ROADWAY BELOW THE BUHRER AVENUE BRIDGE SHALL BE MAINTAINED AT ALL TIMES EXCEPT AS PER THE PERMITTED LANE CLOSURE CHARTS ON ODOT'S WEBSITE.

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ALL LANE CLOSURES AND WORK ZONES ON IR 71 AND THE IR 71, IR 90/IR 490, AND SR 176 RAMPS SHALL BE IN ACCORDANCE WITH ODOT STANDARD CONSTRUCTION DRAWINGS.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL NOT EXCEED THE PERMITTED LANE CLOSURE RESTRICTIONS AND SHALL BE AT THE APPROVAL OF THE ENGINEER. THE DURATION OF ANY COMPLETE CLOSURE OF A ROADWAY SHALL NOT EXCEED 15 MINUTES. 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. A

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL FLAGS, FLAGGERS, WATCHERS, BARRICADES, SIGNS, SIGN SUPPORTS, AND INCIDENTALS RELATED TO TRAFFIC CONTROL.

SIGNS FURNISHED SHALL BE IN NEW OR LIKE NEW CONDITIONS. LIKE NEW SIGNS SHALL BE SUBJECT TO THE APPROVAL OF THE PROJECT ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR PROVIDING AND MAINTAINING LIGHTS, SIGNS, AND BARRICADES FOR THE MAINTENANCE OF TRAFFIC AND SAFETY OF HIS/HER WORK AT THE LOCATIONS SHOWN IN THESE PLANS OR AS DIRECTED BY THE ENGINEER.

IF THE CONTRACTOR FAILS TO COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AS SET FORTH IN THESE PLANS AND PROVISIONS OF THE ODOT AND THE FAILURE RESULTS IN A CONDITION AT THE WORK SITE WHICH IS UNSAFE FOR TRAFFIC, THE ENGINEER SHALL SUSPEND WORK UNTIL THE CONTRACTOR COMPLIES WITH THE NECESSARY REQUIREMENTS.

THE CONTRACTOR SHALL NOTIFY THE CITY OF CLEVELAND (216) 664- 3194 AND THE ODOT DISTRICT OFFICE (216) 584- 2005 EIGHTEEN (18) DAYS IN ADVANCE OF WHEN THE PEDESTRIAN DETOUR ROUTE SHOULD BE IN EFFECT.

THE CONTRACTOR WILL COVER ANY EXISTING AND/OR PROPOSED SIGN INSTALLATION WHICH IS IN CONFLICT WITH THE MAINTENANCE OF TRAFFIC PLANS. THE SIGNS SHALL BE COVERED IN SUCH A MANNER AS TO AVOID DAMAGING THE SIGN WHEN THE COVER IS REMOVED. THE COVER SHALL BE TOTALLY OPAQUE AND COVER THE ENTIRE SIGN FACE. THE USE OF ADHESIVE TAPE APPLIED DIRECTLY TO THE SIGN FACE IS STRICTLY PROHIBITED. THE CONTRACTOR WILL PROVIDE ALL OF THE "CLOSED" PLAQUES NECESSARY. THE OVERLAY MAY BE RIVETED TO THE SIGN. THE LUMP SUM PRICE BID FOR ITEM 614 - MAINTAINING TRAFFIC SHALL INCLUDE ALL COSTS NECESSARY TO COVER AND/OR MODIFY CONFLICTING SIGN INSTALLATIONS.

RESTRICTION FOR BUHRER AVENUE BRIDGE PEDESTRIANS DETOUR

THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION ACTIVITIES SUCH THAT DURATION OF BUHRER AVENUE BRIDGE PEDESTRIAN DETOUR SHALL BE LIMITED TO SUMMER CLOSURE OF BUHRER DUAL LANGUAGE ACADEMY.

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 SPECIAL EVENTS:

NEW YEAR'S (OBSERVED) GENERAL/REGULAR ELECTION DAY (NOV) THANKSGIVING TOTAL SOLAR ECLIPSE (4/8/24) MEMORIAL DAY CHRISTMAS (OBSERVED) FOURTH OF JULY (OBSERVED) LABOR DAY (OTHER HOLIDAY OR SPECIAL EVENT)

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL 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 6:00AM MONDAY MONDAY 12:00N FRIDAY THROUGH 6:00AM TUESDAY MONDAY (4/8/24) 12:00N FRIDAY THROUGH 6:00AM WEDNESDAY TUESDAY 12:00N MONDAY THROUGH 6:00AM WEDNESDAY TUESDAY (GEN./REG. ELECT.) 5:00 AM TUES. THRU 12:00 AM WED. WEDNESDAY 12:00N TUESDAY THROUGH 6:00AM THURSDAY THURSDAY 12:00N WEDNESDAY THROUGH 6:00AM FRIDAY THANKSGIVING 6:00AM WEDNESDAY THROUGH 6:00AM MONDAY FRIDAY 12:00N THURSDAY THROUGH 6:00AM MONDAY SATURDAY 12:00N FRIDAY THROUGH 6:00AM MONDAY

DURING THE SAME PERIODS, MAINTAIN PEDESTRIAN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

ITEM 614, MAINTAINING TRAFFIC (NOTICE OF CLOSURE SIGN)

NOTICE OF CLOSURE SIGNS SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED PEDESTRIAN BRIDGE CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TABLE BELOW. THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF SIDEWALK, FACING PEDESTRIAN TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS.

NOTICE OF CLOSURE SIGN TIME TABLE
DURATION OF CLOSURE SIGN DISPLAYED TO PUBLIC
>= 2 WEEKS 14 CALENDAR DAYS PRIOR TO CLOSURE

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

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 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.

LANE VALUE CONTRACT:

THE CONTRACTOR SHALL BE ASSESSED DISINCENTIVES AS DESIGNATED IN THE LANE VALUE CONTRACT TABLE FOR EACH UNIT OF TIME THE DESCRIBED CRITICAL LANE/RAMP IS RESTRICTED FROM FULL USE BY THE TRAVELING PUBLIC WITHIN THE RESTRICTED TIME PERIOD. THE LANE VALUE CONTRACT TABLE IS LOCATED IN THE PLAN GENERAL NOTES. THE DISINCENTIVES WILL BE ASSESSED FOR ALL RESTRICTIONS OF THE CRITICAL WORK.

CRITICAL WORK IS SHOWN IN THE LANE VALUE CONTRACT TABLE.

CRITICAL WORK IS DEFINED AS HAVING THE DESIGNATED SECTIONS OPEN TO UNRESTRICTED TRAFFIC AS SHOWN IN THE TABLE, OR THE ENTIRE PROJECT IF NOT OTHERWISE LISTED.

UNRESTRICTED TRAFFIC IS DEFINED AS ALL TRAFFIC LANES BEING AVAILABLE FOR USE WITH SPECIFIED STRIPING AND SAFETY FEATURES IN PLACE.

LANE VALUE CONTRACT TABLE

DESCRIPTION OF CRITICAL LANE/RAMP TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
3 LANES OF CUY IR 71 SOUTH FROM MM 247.01 TO MM 247.84	PER PLCS	MIN.	\$500
2 LANES OF CUY IR 71 NORTH FROM MM 247.01 TO MM 247.84	PER PLCS	MIN.	\$750

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SCHEDULE OF THROUGH LANES TO BE MAINTAINED

ALL LANE CLOSURES MAY ONLY BE IMPLEMENTED AT THE TIMES PERMITTED BY THE "DISTRICT 12 PERMITTED LANE CLOSURE TIMES" LIST, WHICH IS LOCATED ON THE ODOT WEBSITE:

https://www.dot.state.oh.us/districts/D12/HighwayManagement/Pages/PermittedLaneClosures.aspx

THE LATEST REVISION, AT 14 DAYS PRIOR TO THE BID DATE, SHALL BE IN EFFECT FOR THIS PROJECT.

NO LANE OR SHOULDER CLOSURES SHALL BE IN PLACE WHEN NO WORK IS BEING PERFORMED, UNLESS DIRECTED BY THE ENGINEER.

SHOULDER CLOSURES SHALL ONLY BE ALLOWED AT THE TIMES SPECIFIED FOR LANE CLOSURES.

ANY ROADWAY NOT LISTED SHALL NOT HAVE ANY LANE CLOSURES ON WEEKDAYS FROM 6:30AM TO 9:00AM AND 3:00PM TO 6:00PM. CONTACT TROY ONESTI, DISTRICT 12 WORK ZONE TRAFFIC MANAGER, AT (216) 584 2204 IF THERE ARE ANY QUESTIONS.

ALL NOTES ON THE PERMITTED LANE CLOSURE TIMES SHALL BE PART OF THE PROJECT.

WORK ZONE INCREASED PENALTIES SIGN (R11-H5a)

R11- H5A- 48 SIGNS SHALL BE FURNISHED, ERECTED, AND MAINTAINED IN GOOD CONDITION AND/OR REPLACED AS NECESSARY AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR. SIGNS SHALL BE MOUNTED AT THE APPROPRIATE OFFSETS AND ELEVATIONS AS PRESCRIBED BY THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THEY SHALL BE MAINTAINED ON SUPPORTS MEETING CURRENT SAFETY CRITERIA.

THE SIGNS MAY BE ERECTED OR UNCOVERED NO MORE THAN FOUR HOURS BEFORE THE ACTUAL START OF WORK. THE SIGNS SHALL BE REMOVED OR COVERED NO LATER THAN FOUR HOUR FOLLOWING RESTORATION OF ALL LANES TO TRAFFIC WITH NO RESTRICTIONS, OR SOONER AS DIRECTED BY THE ENGINEER. TEMPORARY SIGN COVERING AND UNCOVERING DUE TO TEMPORARY LANE RESTORATIONS SHALL BE GUIDED BY THE FOUR- HOUR LIMITATIONS STATED ABOVE. SUCH LAN RESTORATIONS SHOULD BE EXPECTED TO REMAIN IN EFFECT FOR 30 OR MORE CONSECUTIVE CALENDAR DAYS, SUCH AS DURING WINTER SHUT-DOWNS.

THE SIGNS ON THE MAINLINE SHALL BE DUAL MOUNTED UNLESS NOT PHYSICALLY POSSIBLE. THE FIRST SIGN SHALL BE PLACED BETWEEN THE ROAD WORK AHEAD (W20-1) SIGN AND THE NEXT SIGN IN THE SEQUENCE. SIGNS SHALL BE ERECTED ON EACH ENTRANCE RAMP AND EVERY 2 MILES THROUGH THE CONSTRUCTION WORK LIMITS. SIGNS ON THE MAINLINE SHALL BE R11-H5A-48. SIGNS USED ON THE RAMPS SHALL BE R11-H5A-24. R11-H5A-24 SIGNS MAY BE USED IN THE MEDIAN IN LIEU OF R11-H5A-48 SIGNS IF IT IS NOT PHYSICALLY POSSIBLE TO PROVIDE R11-H5A-48 SIGNS IN THE MEDIAN.

THE R11-H5A-48 SIGNS SHALL BE MOUNTED ON 2 NO. 3 POSTS WHEN LOCATED WITHIN CLEAR ZONES.

THE CONTRACTOR MAY USE SIGNS AND SUPPORTS IN USED, BUT GOOD, CONDITION PROVIDED THE SIGNS MEET CURRENT ODOT SPECIFICATIONS. SIGN FACES SHALL BE RETROREFLECTORIZED WITH TYPE G SHEETING COMPLYING WITH THE REQUIREMENTS OF C&MS 730.19.

WORK ZONE INCREASED PENALTIES SIGNS AND SUPPORTS WILL BE MEASURED AS THE NUMBER OF SIGN INSTALLATIONS, INCLUDING THE SIGN AND NECESSARY SUPPORTS. IF A SIGN AND SUPPORT COMBINATION IS REMOVED AND REERECTED AT ANOTHER LOCATION AS DIRECTED BY THE ENGINEER, IT SHALL BE CONSIDERED ANOTHER UNIT.

PAYMENT FOR ACCEPTED QUANTITIES, COMPLETE, IN PLACE WILL BE MADE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, INCIDENTALS AND EQUIPMENT FOR FURNISHING, ERECTING, MAINTAINING, COVERING DURING SUSPENSION OF WORK, AND REMOVAL OF THE SIGN AND SUPPORT.

ITEM 614, WORK ZONE INCREASED PENALTIES SIGN 20 EACH

DESIGN AGENCY

EUTHENICS
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DESIGNER

MRC

REVIEWER

ARP 12/21/21

PROJECT ID

105793

SHEET TOTAL

P.8 40

