

FHWA REGION	STATE	PROJECT	
5	OHIO		

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LAKE COUNTY
LAK-20-5.60

GENERAL NOTES

DEMOLITION OF U.S. ROUTE 20 BRIDGE OVER CHAGRIN RIVER

ITEM 202 - STRUCTURES REMOVED, AS PER PLAN

THIS REMOVAL SHALL CONFORM TO THE PROVISIONS OF THE 1977 CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION WITH THE FOLLOWING ADDITIONS:

ALL WORK SHALL BE CONDUCTED SO THAT NO DEBRIS FALLS INTO THE RIVER. THIS MAY BE ACCOMPLISHED BY USE OF STEEL NETS WITH A MAXIMUM 6" x 6" MESH, SUPPORTED BY THE EXISTING ARCHES OR PIERS WHILE THE DECK AND COLUMNS ARE BEING REMOVED. THE EXISTING ARCHES MAY THEN BE CUT OR SAWED AND LIFTED OUT. PIERS IN THE RIVER SHALL BE REMOVED TO THE PROPOSED FLOW LINE OF THE RIVER AFTER COFFERDAMS ARE CONSTRUCTED. CONSTRUCTION OF COFFERDAMS ARE INCLUDED WITH ITEM 202 FOR PAYMENT. DEMOLITION OF THE PORTIONS OF THE STRUCTURE NOT OVER THE RIVER CHANNEL MAY BE ACCOMPLISHED BY ANY METHOD CONSISTENT WITH GOOD ENGINEERING PRACTICE. THE SEQUENCE OF DEMOLITION SHALL BE APPROVED BY THE ENGINEER, PRIOR TO COMMENCING WORK.

The Contractor is advised that no earth fills will be allowed to be placed in the river during the contract. This applies to a Cofferdam as well as an access road to the pier in the river. A Cofferdam for the pier removal constructed of non-erodible materials would be allowed but an access road in the river of any material will not be permitted.

ALL OF THE SUPERSTRUCTURE SHALL BE REMOVED, INCLUDING THE CROSS-HATCHED AREAS SHOWN ON SHEET NO. 5. RIGHT PIER OF PIERS #6 AND #10 SHALL BE REMOVED SO THAT IT DOES NOT INTERFERE WITH PILE DRIVING FOR THE PROPOSED ABUTMENTS. ALSO REMOVE PARTS OF FOOTINGS FOR PIERS #7, #8 AND #9 WHICH WILL INTERFERE WITH FOOTINGS FOR PROPOSED PIERS. SEE SHEET NO. 5.

BACKFILL OF HOLES AT PIERS #6 AND #10 SHALL BE AS PER 203, USING EITHER SOIL OR GRANULAR MATERIAL.

ITEM 607 - FENCE

TYPE 47 FENCE SHALL BE PLACED ALONG THE SOUTHERLY EASEMENT AND WEST OF THE RIVER. THE FENCE SHALL BE ERECTED PRIOR TO START OF DEMOLITION AND SHALL BE MAINTAINED FOR THE DURATION OF THE CONTRACT. THE FENCE SHALL REMAIN IN PLACE AFTER COMPLETION OF THE WORK.

WORK LIMITS

THE CONTRACTOR SHALL CONFINE HIS WORK TO AN AREA WITHIN 50 FEET EACH SIDE OF EXISTING RIGHT-OF-WAY. RIGHT-OF-ENTRY WILL BE ACQUIRED BY THE LAKE COUNTY ENGINEER FROM THE FOLLOWING PROPERTY OWNERS:

- 1) HARRIET S. RUSSELL
- 2) CITY OF WILLOUGHBY
- 3) ANDREWS INSTITUTE FOR GIRLS

THE RIVER MUST BE CLEANED OF BRIDGE DEBRIS AT THE CONTRACTORS EXPENSE, AFTER THE REMOVAL OF THE EXISTING BRIDGE. THE PROCEDURE USED SHALL BE APPROVED BY THE DISTRICT ENGINEER, U.S. ARMY ENGINEER DISTRICT, BUFFALO, AND THE SWEEPING OPERATION SHALL BE PERFORMED WHILE AN AUTHORIZED REPRESENTATIVE OF THE SAID DISTRICT ENGINEER IS PRESENT TO OBSERVE RESULTS.

ITEM 619 - FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 300 SQUARE FEET OF FLOOR SPACE AND IN ADDITION TO THE REQUIREMENTS OF ITEM 619, HE SHALL PROVIDE AND MAINTAIN SANITARY PROVISIONS AS PER 107.06. ALL THE ABOVE IS INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 619, FIELD OFFICE.

REFERENCE PLANS

INCORPORATED WITH THIS SET OF PLANS IS A PORTION OF THE EXISTING STRUCTURE PLAN REPRODUCTIONS. ALL AVAILABLE EXISTING STRUCTURE PLANS ARE ON FILE IN THE OFFICE OF THE LAKE COUNTY ENGINEER, PAINESVILLE, OHIO FOR ADDITIONAL REFERENCE.

MAINTENANCE OF TRAFFIC

THE LAKE COUNTY ENGINEER HAS ALREADY CLOSED THE EXISTING BRIDGE TO ALL TRAFFIC. BARRICADES HAVE BEEN PLACED AS SHOWN IN THE PLANS. PRESENT BARRICADES MAY BE REMOVED AS WORK PROGRESS AND REPLACED WITH A BARRICADE AS SHOWN ON STANDARD DRAWING MC-3. COST OF THIS WORK IS INCLUDED IN LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

AFTER REMOVAL, THE MATERIAL FROM THE EXISTING BARRICADES SHALL BE PLACED AT A SITE ADJACENT TO THE WORK, FOR REMOVAL BY THE COUNTY.

UTILITIES

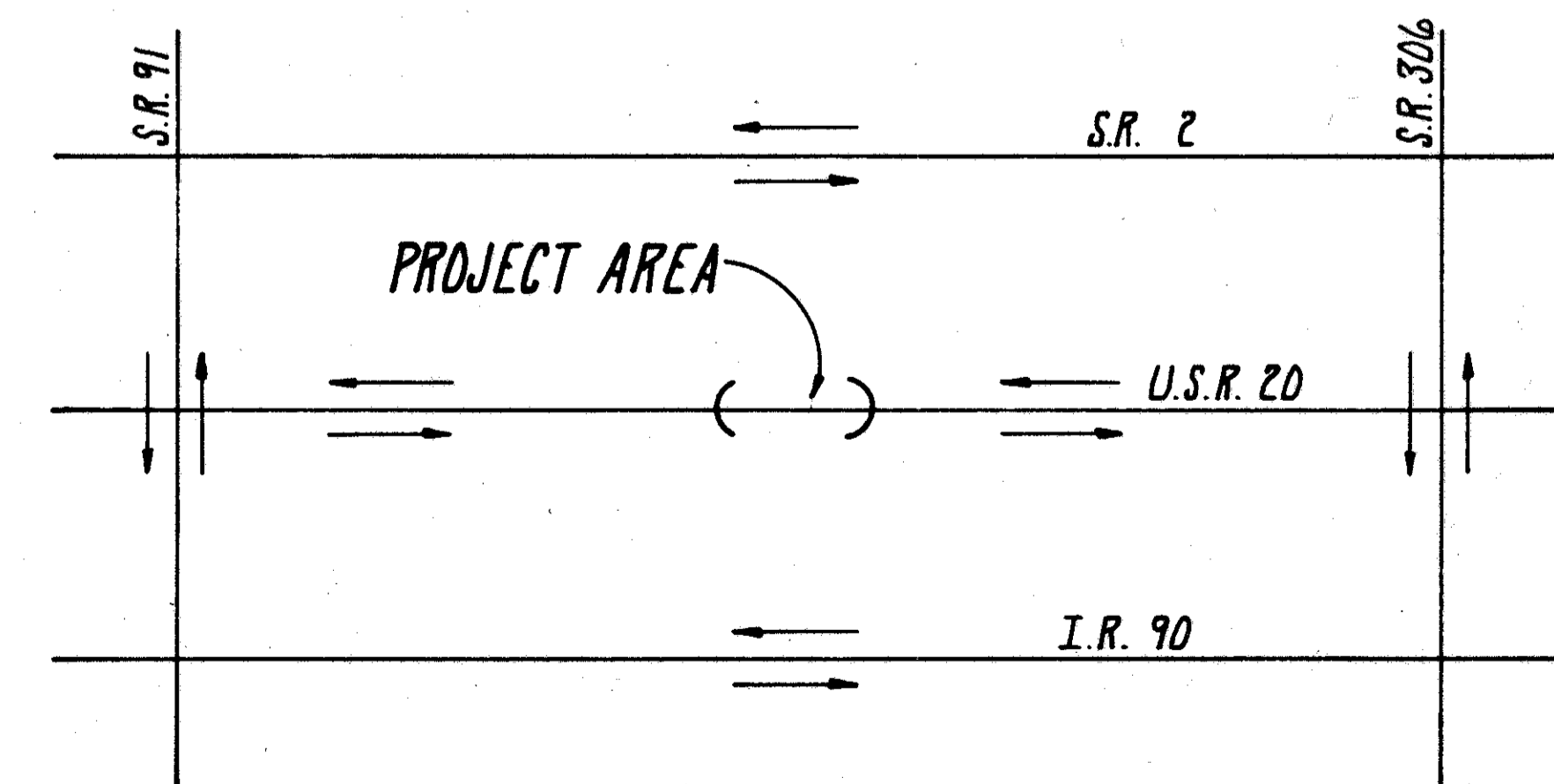
THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES PRIOR TO BEGINNING OPERATIONS ADJACENT TO THEIR FACILITIES. THIS WORK SHALL CONFORM TO SECTION 107.17.

- 1) OHIO BELL TELEPHONE COMPANY
ROOM 703
820 WEST SUPERIOR AVENUE
CLEVELAND, OHIO 44113
- 2) CLEVELAND ELECTRIC ILLUMINATING CO.
P.O. BOX 500
CLEVELAND, OHIO 44101
- 3) EAST OHIO GAS COMPANY
1717 EAST NINTH STREET
CLEVELAND, OHIO 44114
- 4) AMERICAN TELEPHONE AND TELEGRAPH
ROOM 703
820 WEST SUPERIOR AVENUE
CLEVELAND, OHIO 44113

LOCAL LAWS AND REGULATIONS WILL REQUIRE PERMITS FOR PORTIONS OF THE WORK. RESPONSIBILITY OF THE CONTRACTOR SHALL BE AS SPECIFIED IN SECTION 107.

GENERAL SUMMARY

ITEM	DESCRIPTION	QUANTITIES	UNIT
202	EXISTING STRUCTURE REMOVED, AS PER PLAN	LUMP	LUMP
614	MAINTAINING TRAFFIC	LUMP	LUMP
619	FIELD OFFICE	LUMP	LUMP
607	FENCE, TYPE 47	710	Lin. FT.



DETOUR

CALC: FA 4-15-77
CHK: HM 7-5-77

Rev 7-21-77