

MICROFILMED
MAY 8 1983

GENERAL NOTES

F.R.S.A. REGION	STATE	PROJECT
5	OHIO	

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86

LAKE COUNTY
LAK-20-17.14

GENERAL

SCOPE OF WORK

THIS PROJECT ENCOMPASSES THE DEMOLITION OF THE EXISTING U.S. ROUTE 20 BRIDGE OVER THE GRAND RIVER AND CONSTRUCTION OF A REPLACEMENT STRUCTURE APPROXIMATELY 100 FEET SOUTH OF THE PRESENT BRIDGE LOCATION. ALSO INCLUDED IS THE REALIGNMENT OF 1,400 FEET OF U.S. ROUTE 20 FROM APPROXIMATELY 250 FEET EAST OF FOBES STREET TO

THE EXISTING RAILROAD UNDERPASS, CASEMENT AVE. FOR A DISTANCE OF APPROXIMATELY 500 FEET SOUTH OF RELOCATED U.S. ROUTE 20, AND ERIE STREET EXTENSION FOR A DISTANCE OF APPROXIMATELY 500 FEET EAST OF RELOCATED CASEMENT AVENUE.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY OR DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

ELEVATION DATUM

ALL ELEVATIONS SHOWN ON THESE PLANS ARE IN FEET ABOVE THE UNITED STATES GEODETIC SURVEY (USGS) DATUM PLANE. ELEVATIONS AND DESCRIPTIONS OF USGS MONUMENTS ALONG THE PROJECT ARE SHOWN ON THE PLANS.

ITEM 619 FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 800 SQUARE FEET OF FLOOR SPACE. PAYMENT SHALL BE AT THE LUMP SUM PRICE BID FOR ITEM 619 FIELD OFFICE.

ITEM 614 - MAINTAINING TRAFFIC

A. CONSTRUCTION SEQUENCE

IT IS THE INTENTION OF THESE PLANS TO KEEP THE EXISTING U.S. ROUTE 20 BRIDGE OPEN TO TRAFFIC AS LONG AS POSSIBLE WITHOUT HINDERING THE CONTRACTOR.

TO THIS END THE CONTRACTOR IS TO DEVELOP AND SUBMIT FOR APPROVAL BY THE STATE HIS SCHEDULE WHICH WILL PERMIT THE OPTIMUM USAGE OF THE EXISTING BRIDGE. THIS SCHEDULE SHALL BE IN THE FORM OF CRITICAL PATH METHOD (CPM) OR PROGRAM EVALUATION AND REVIEW TECHNIQUE (PERT) OR ANY OTHER ACCEPTED CONSTRUCTION SCHEDULING METHOD USED BY THE CONSTRUCTION INDUSTRY.

ITEM 614 - MAINTAINING TRAFFIC

A. CONSTRUCTION SEQUENCE

THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE CONSIDERED AS A POSSIBLE GUIDELINE AND SHOULD NOT HINDER THE DEVELOPMENT OF A FEASIBLE ALTERNATE.

~~BASED ON THE CONTRACTOR SCHEDULE THE PLANNED CLOSING DATE OF THE U.S. ROUTE 20 BRIDGE SHALL BE STATED AT THE PRECONSTRUCTION CONFERENCE.~~

~~THE CONSTRUCTION OF THIS PROJECT SHALL BE STAGED IN THE FOLLOWING PHASES:~~

PHASE 1. CONSTRUCTION OF THE RELOCATED WEST BRIDGE APPROACH EMBANKMENT.

PHASE 2. CONSTRUCTION OF THE RELOCATED EAST BRIDGE APPROACH FOR ROUTE 20, CASEMENT ROAD AND ERIE STREET EXTENSION.

PHASE 3. COMPLETION OF THE RELOCATED WEST BRIDGE APPROACH ROADWAY, CONSTRUCTION OF THE NEW BRIDGE OVER THE GRAND RIVER AND DEMOLITION OF THE EXISTING BRIDGE OVER THE GRAND RIVER.

PHASE 1 OF CONSTRUCTION WILL TAKE PLACE BETWEEN STATION 16+75 AND STATION 19+50. THE METHOD OF CONSTRUCTION TO BE FOLLOWED IS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. IT SHALL INCLUDE THE REMOVAL OF EXISTING FILL MATERIAL FROM THE PROPOSED LEFT SHOULDER AREA AND PLACEMENT OF IT IN THE AREA OF THE PROPOSED RIGHT SHOULDER, RECOMPACTION TO A MAXIMUM OF 7 FEET ABOVE ORIGINAL GRADE, PLACEMENT OF NEW COMPACTED 203 EMBANKMENT TO SUBBASE ELEVATION, AND PLACEMENT OF AN ADDITIONAL 5 FEET DEEP SURCHARGE TO THE FILL. THE SURCHARGE SHALL BE LEFT IN PLACE FOR A PERIOD OF NOT LESS THAN 4 MONTHS TO PROVIDE FOR POSSIBLE SETTLEMENT OF THE EMBANKMENT. THE SURCHARGE WOULD THEN BE REMOVED TO SUBBASE ELEVATION PRIOR TO COMPLETION OF THE WEST APPROACH ROADWAY.

B. TRAFFIC

U.S. ROUTE 20 HAS BEEN CLOSED TO THROUGH VEHICULAR TRAFFIC. THE CONTRACTOR SHALL REPLACE THE STATE'S EXISTING EIGHT (8) BARRICADES WITH HIS OWN. THIS IS TO BE COORDINATED WITH THE DISTRICT TRAFFIC ENGINEER. ALL OTHER DETOUR SIGNING WILL BE MAINTAINED AND SUBSEQUENTLY REMOVED BY THE STATE.

THROUGH VEHICULAR TRAFFIC FOR OHIO BRONZE, CASEMENT AVENUE, AND ERIE STREET EXTENSION MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. RAILROAD TRAFFIC ON THE CONRAIL TRACKS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

TWO LANE-TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON THE EXISTING RAILROAD UNDERPASS FOR U.S. ROUTE 20 AND CASEMENT AVE. TRAFFIC BY USING PART WIDTH PAVEMENT CONSTRUCTION AND RESURFACING.

PHASE I CONSTRUCTION WILL HAVE NO SIGNIFICANT EFFECT ON TRAFFIC TO OHIO BRONZE OR ALONG CASEMENT AVENUE OR ERIE STREET EXTENSION. NO SIGNIFICANT ALTERATIONS ARE ANTICIPATED IN ORDER TO MAINTAIN TRAFFIC.

PHASE II CONSTRUCTION WILL HAVE NO EFFECT ON TRAFFIC TO OHIO BRONZE. IT WILL DISRUPT FLOW ALONG CASEMENT AVENUE AND ERIE STREET EXTENSION. THE USE OF HALF-WIDTH CONSTRUCTION AND MINOR TEMPORARY RUN-AROUND ROADS WILL BE NECESSARY.

PHASE III CONSTRUCTION WILL HAVE NO EFFECT ON TRAFFIC ALONG CASEMENT AVE. AND ERIE STREET EXTENSION. TRAFFIC TO OHIO BRONZE WILL BE MAINTAINED THROUGH THE USE OF HALF-WIDTH CONSTRUCTION AND MINOR TEMPORARY RUN-AROUND ROADS.

IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR MAINTENANCE OF TRAFFIC PROVIDED THE INTENT OF THE ABOVE PROVISIONS IS FOLLOWED AND NO ADDITIONAL INCONVENIENCE TO THE TRAVELING PUBLIC RESULTS THEREFROM. NO ALTERNATE PLAN SHALL BE PLACED INTO EFFECT UNTIL APPROVAL HAS BEEN GRANTED, IN WRITING, BY THE DIRECTOR.

C. SAFEGUARDS

THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND REMOVE ALL NECESSARY SAFE-GUARDS SUCH AS BARRICADES, LIGHTING, FLAGMEN, TEMPORARY GUARD RAIL, TEMPORARY CONCRETE BARRIERS, AND SUCH OTHER TRAFFIC CONTROL DEVICES AS PROVIDED IN "ITEM 614-MAINTAINING TRAFFIC" SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS DURING CONSTRUCTION.

D. NOTIFICATION OF ROAD CLOSINGS

~~THE CITY OF PAINESVILLE POLICE, FIRE, AND SERVICE DEPARTMENTS SHALL BE NOTIFIED ONE WEEK PRIOR TO THE SCHEDULED DATE OF THE ROAD CLOSING.~~

E. SIGNING

ALL REQUIRED CONSTRUCTION TRAFFIC SIGNS USED SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. THEY SHALL BE PROVIDED, ERECTED AND MAINTAINED BY THE CONTRACTOR.

F. PAYMENT

ALL COSTS FOR THE ABOVE WORK SHALL BE INCLUDED IN THE FOLLOWING BID ITEM:

ITEM 614 MAINTAINING TRAFFIC LUMP SUM

SCALE _____
MADE _____ DATE 10-87
TRCD. _____ DATE 10-87
CRD. _____ DATE 1-88

WOODRUFF, INC.
CONSULTING ENGINEERS
CLEVELAND OHIO