

MICROFILMED
OCT 21 1985

GENERAL NOTES & GENERAL SUMMARY

CALC BY: A
DATE: 7/7/83
CHKD BY: R
DATE: 7-13/83

OHIO
FHWA REGION 5

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LAKE COUNTY
S.R. 84 OVER THE CHAGRIN RIVER
LAK-84-6.33

FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 300 SQ. FT. OF FLOOR SPACE.

PAYMENT SHALL BE IN THE LUMP SUM PRICE BID FOR ITEM 619, FIELD OFFICE.

LOCATION OF GUARDRAIL:

THE LOCATIONS OF GUARDRAIL RUNS, AS SHOWN IN THESE PLANS, ARE SUBJECT TO ADJUSTMENT PRIOR TO FINAL ACCEPTANCE. THE ENGINEER SHALL BE SATISFIED THAT ALL INSTALLATIONS WILL AFFORD MAXIMUM PROTECTION FOR TRAFFIC.

GUARDRAIL REPLACEMENT:

NO HAZARD SHALL BE LEFT UNPROTECTED EXCEPT FOR THE ACTUAL TIME NECESSARY TO REMOVE, GRADE AND REINSTALL GUARDRAIL IN A CONTINUOUS OPERATION. THE REMOVAL OF ALL GUARDRAIL SHALL AT ALL TIMES BE AS DIRECTED BY THE ENGINEER. NO GUARDRAIL SHALL BE REMOVED UNTIL THE REPLACEMENT MATERIAL IS ON THE SITE, READY FOR INSTALLATION. FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE DEEMED SUFFICIENT CAUSE TO ORDER WORK SUSPENDED ON THIS PROJECT UNTIL SUCH TIME THAT THE ENGINEER IS ASSURED OF SAID COMPLIANCE.

SEEDING:

QUANTITIES FOR SEEDING ARE CALCULATED FOR THE SOIL AREAS BETWEEN LINES TEN (10) FEET OUTSIDE THE WORK LIMITS, AS SHOWN ON THE CROSS SECTIONS, OR TO THE RIGHT-OF-WAY LINE, IF SUCH LINE IS LESS THAN TEN (10) FEET FROM THE WORK LIMITS.

UNDERGROUND UTILITIES

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

UTILITIES NOTIFICATION

AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN AN AREA WHICH MAY INVOLVE UNDERGROUND UTILITY FACILITIES, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE REGISTERED UTILITY PROTECTION SERVICE AND THE OWNERS OF EACH UNDERGROUND UTILITY FACILITY SHOWN IN THE PLANS.

THE OWNER OF THE UNDERGROUND UTILITY FACILITY SHALL, WITHIN FORTY-EIGHT HOURS, EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, AFTER NOTICE IS RECEIVED, STAKE, MARK OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND UTILITY FACILITIES IN THE CONSTRUCTION AREA IN SUCH A MANNER AS TO INDICATE THEIR COURSE TOGETHER WITH THE APPROXIMATE DEPTH AT WHICH THEY WERE INSTALLED. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO DAYS AHEAD OF PLANNED CONSTRUCTION.

UTILITY OWNERSHIP

TELEPHONE OHIO BELL TELEPHONE COMPANY
820 WEST SUPERIOR AVENUE
CLEVELAND, OHIO 44113
PHONE: (216) 822-6025

ELECTRICITY THE CLEVELAND ELECTRIC ILLUMINATING COMPANY
1455 MENTOR AVENUE
PAINESVILLE, OHIO 44077
PHONE: (216) 354-5661

ENVIRONMENTAL CONTROL MEASURES:

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT ANY DEBRIS OR OTHER MATERIAL FROM ENTERING THE RIVER. THESE PRECAUTIONS MAY INCLUDE, BUT ARE NOT LIMITED TO, NETTING, FALSEWORK AND MATS. ANY MATERIAL WHICH ACCIDENTALLY ENTERS THE RIVER SHALL BE REMOVED IMMEDIATELY.

MAINTAINING TRAFFIC:

THE CONTRACTOR SHALL, IN ADDITION TO THE GENERAL REQUIREMENTS OF ITEM 614 ON THIS PROJECT PERFORM THE FOLLOWING:

PROVIDE, ERECT, AND MAINTAIN STANDARD 48" X 30" SIZE "ROAD CLOSED TO THRU TRAFFIC" (R-76C) AND "BRIDGE OUT _____ MILES AHEAD LOCAL TRAFFIC ONLY" (R-76B) SIGNS, SIGN SUPPORTS, AND LIGHTS AT THE FOLLOWING LOCATIONS DURING PERIOD(S) IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC:

1. STATE ROUTE 84 JUST EAST OF STATE ROUTE 174 INTERSECTION.
2. STATE ROUTE 84 JUST EAST OF RIVERSIDE DRIVE INTERSECTION.
3. STATE ROUTE 84 JUST WEST OF WILLOUGHBY KIRTLAND ROAD INTERSECTION.
4. STATE ROUTE 84 JUST WEST OF STATE ROUTE 306 INTERSECTION.

ALL DETOUR SIGNING WILL BE PROVIDED, MAINTAINED AND ULTIMATELY REMOVED BY THE CONTRACTOR. ALSO THE CONTRACTOR SHALL PROVIDE ADVANCE WRITTEN NOTIFICATION TO THE CITY OF WILLOUGHBY AND LAKE COUNTY ENGINEER'S OFFICE AT LEAST (1) ONE WEEK PRIOR TO CLOSING OF THE ROAD.

SIGN SUPPORTS AND LIGHTS FOR SIGNS SHALL BE AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR PROVIDING, ERECTING, MAINTAINING, AND REMOVING LIGHTS, SIGNS AND SIGN SUPPORTS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC.

INSTREAM WORK

To avoid interference with the spawning and migration of fish within the Chagrin River, any and all instream work shall be performed between June 1 and Sept. 30.

WIRE WEIGHT GAGE

One week before work commences on the existing bridge superstructure, Mr. Ron Schwartz of the U.S. Geological Survey Office in New Philadelphia shall be notified to permit removal of the wire weight gage from the bridge. Mr. Schwartz may be contacted at (216) 343-2343.

GENERAL SUMMARY

ITEM	TOTAL	UNIT	DESCRIPTION	4	4-A		
201	Lump	Lump	CLEARING and Grubbing				
202	699.5	Lin. Ft.	GUARDRAIL REMOVED	699.5			
202	54	Sq. Yds.	WEARING COURSE REMOVED	54			
203	175	Cu. Yds.	EMBANKMENT		175		
203	192	Sq. Yds.	SUBGRADE COMPACTION	192			
404	12	Cu. Yds.	ASPHALT CONCRETE, AC-20	12			
407	24	Gal.	TACK COAT	24			
310	32	Cu. Yds.	SUBBASE, TYPE II	32			
202	134	Sq. Yds.	PAVEMENT REMOVED	134			
203	80	Cu. Yds.	EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION		80		
606	649.74	Lin. Ft.	GUARDRAIL TYPE-5	649.74			
606	1	Each	ANCHOR ASSEMBLY, STANDARD TYPE-A	1			
606	1	Each	ANCHOR ASSEMBLY, STANDARD TYPE-T	1			
606	4	Each	BRIDGE TERMINAL ASSEMBLY, STANDARD TYPE-B	4			
611	192	Sq. Yds.	REINFORCED CONCRETE APPROACH SLAB (T-15")	192			
605	60	Lin. Ft.	AGGREGATE DRAINS	60			
659	1090	Sq. Yds.	SEEDING & MULCHING	1090			
659	0.04	Ton	COMMERCIAL FERTILIZER				
659	0.49	Ton	AGRICULTURAL LIMING				
614	Lump	Lump	MAINTAINING TRAFFIC				
623	Lump	Lump	CONSTRUCTION LAYOUT STAKES				
624	Lump	Lump	MOBILIZATION				
619	Lump		FIELD OFFICE				
621	0.10	Miles	4" EDGE LINE	0.10			
621	0.05	Miles	4" CENTER LINE	0.05			
SPECIAL	48	Lin. Ft.	PRESSURE RELIEF JOINT, STANDARD TYPE C	48			

For Structure Quantities, See Sht. 7

COLPETZER WOODS CONSULTANTS, INC.
CONSULTING ENGINEERS
MENTOR, OHIO 2/16

GENERAL NOTES & SUMMARY
STATE ROUTE 84 OVER
THE CHAGRIN RIVER
LAKE COUNTY, OHIO

SCALE	DATE	DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
DA	DA	DA	RK					