

LAKE COUNTY
LAK-6-9.90

MICROFILMED
AUG 21 1985

GENERAL NOTES

ROCK CHANNEL PROTECTION

ALL ROCK CHANNEL PROTECTION FROM STA. 9+25 TO STA. 10+60 ON THE WEST SIDE OF THE RIVER FORMING THE 2:1 SLOPES SHALL BE GROUTED.

ALL COSTS FOR GROUTING ROCK CHANNEL PROTECTION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 601 - ROCK CHANNEL PROTECTION, TYPE A.

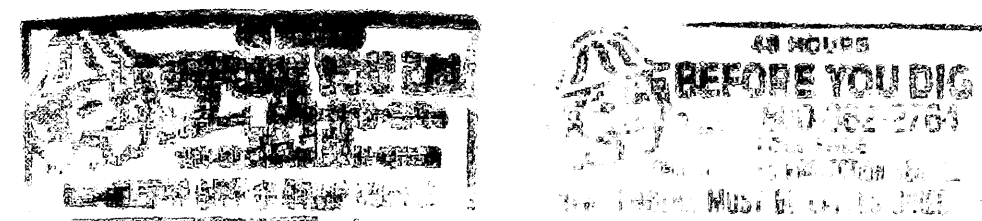
EMBANKMENT

EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION

ALL EXCAVATION AND/OR EMBANKMENT REQUIRED TO PLACE ROCK CHANNEL PROTECTION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 601 - ROCK CHANNEL PROTECTION, TYPE A.

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS HAVE BEEN OBTAINED BY DILIGENT FIELD CHECKS AND SEARCHES OF AVAILABLE RECORDS. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT, BUT THE STATE OF OHIO DOES NOT GUARANTEE THEIR ACCURACY OR COMPLETENESS.



SEEDING

QUANTITIES FOR SEEDING ARE CALCULATED FOR THE SOIL AREAS BETWEEN TWO (2) FEET OUTSIDE THE WORK LIMITS AS SHOWN ON THE CROSS SECTIONS.

WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER FOR EROSION AND SILTATION CONTROL MEASURES:

207	STRAW OR HAY BALES	8 EACH
207	TEMPORARY SLOPE DRAINS	20 L.F.
207	TEMPORARY BENCHES, DIKES, DAMS AND SEDIMENT BASINS	100 C.Y.

RIGHT OF WAY

ALL WORK SHALL BE PERFORMED WITHIN THE RIGHT OF WAY OR TEMPORARY RIGHT OF WAY PROVIDED.

MAINTAINING TRAFFIC

GENERALLY THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS AS TO MAKE THE PROPOSED REPAIRS WITH A MINIMUM OF HAZARD, DELAY AND INCONVENIENCE TO MOTORISTS USING THE HIGHWAYS AFFECTED BY THIS WORK; FURTHERMORE, THE FOLLOWING SPECIFIC PROVISIONS ARE MANDATORY.

I. NIGHTTIME WORK

NO NIGHTTIME WORK SHALL BE PERMITTED ON THIS PROJECT.

II. TRAFFIC CONTROL SYSTEMS

A. WHEN NEEDED

WHEN THE CONTRACTOR IS NOT ACTUALLY PERFORMING WORK TWO-WAY TRAFFIC SHALL BE MAINTAINED IN THE TWO 12-FOOT LANES ON THE EXISTING PAVEMENT. WHEN THE CONTRACTOR IS WORKING TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF AT LEAST ONE 12-FOOT LANE ON THE EXISTING PAVEMENT. BEFORE WORK IS BEGUN TRAFFIC CONTROL DEVICES SUFFICIENT TO ASSURE THE SAFE AND CONVENIENT PASSAGE OF VEHICULAR AND PEDESTRIAN SHALL BE INSTALLED AND MAINTAINED. ALL TRAFFIC CONTROL DEVICES AND THE MANNER IN WHICH THEY ARE USED SHALL BE CONSISTENT WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION. WHENEVER A LANE IS CLOSED PLANNED SHALL BE UTILIZED.

B. MINIMUM PROVISIONS

THE TRAFFIC CONTROL SYSTEMS IN THE "MANUAL" CONSTITUTE THE MINIMUM PROVISIONS FOR MAINTAINING TRAFFIC. WHENEVER THE ENGINEER DEEMS ADDITIONAL OR ALTERNATIVE DEVICES NECESSARY HE MAY DIRECT THAT THEY BE USED.

C. ADVANCE WARNING SIGNS

ALL ADVANCE WARNING SIGNS FOR ANY TRAFFIC RESTRICTION SHALL BE ERECTED BEFORE SUCH RESTRICTION IS PUT INTO EFFECT. ALL SIGNS SHALL BE REMOVED FROM THE VIEW OF TRAFFIC WHENEVER THEY ARE NOT APPLICABLE.

GENERAL SUMMARY

ITEM	SHEET NUMBERS			ITEM	QUAN.	UNIT	DESCRIPTION
	2	3					
207	8			207	8	EACH	Straw or Hay Bales
207	20			207	20	L.F.	Temporary Slope Drains
207	100			207	100	C.Y.	Temporary Benches, Dikes, Dams and Sediment Basins
601	806			601	806	C.Y.	Rock Channel Protection, Type A, Without Bedding
601	20			601	20	C.Y.	Rock Channel Protection, Type C, Without Bedding
659		22		659	22	S.Y.	Seeding and Mulching
659		.01		659	.01	TON	Agricultural Liming
659		.01		659	.01	TON	Commercial Fertilizer (12-12-12)
614				614	LUMP	LUMP	Maintaining Traffic
623				623	LUMP	LUMP	Construction Layout Stakes
624				624	LUMP	LUMP	Mobilization

SEEDING FORMULAS: Liming = 22 S.Y. x .00045 TON/S.Y. = .01 TON
Fertilizer = 22 S.Y. x .00009 TON/S.Y. = .01 TON