FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

LAKE COUNTY
LAK-528-1.24

7/70

GENERAL NOTES

EROSION CONTROL

ITEM L-10, I-14 AND L-10 ARE PROVIDED IN THESE PLANS FOR EROSION CONTROL. ROCK OF A STABLE NATURE WILL NOT BE REMOVED IN ORDER TO PLACE ANY OF THESE ITEMS. THE ENGINEER SHALL CHECK AND NON PERFORM QUANTITIES OR ADJUST LOCATIONS AND QUANTITIES FOR THESE ITEMS WHERE INDICATED BY FIELD CONDITIONS DURING CONSTRUCTION.

SEEDING AND PROTECTING

QUANTITIES FOR SEEDING ARE CALCULATED FOR THE SOIL AREAS BETWEEN THE RIGHT OF WAY LINES AND WITHIN THE WORK LIMITS FOR AREAS OUTSIDE THE RIGHT OF WAY LINES COVERED BY WORK AGREEMENTS. NO SEEDING REQUIRED WITHIN RIGHT OF WAY LINES FROM STA 38 + 35± TO STA 47 + 36±.

LIMING SHALE SLOPES

LIME SHALL BE APPLIED TO EXPOSED SHALE SLOPES AT THE RATE OF 10 TONS PER ACRE.

EXISTING WATER WELLS AND CISTERNS

CASINGS OF DRILLED WELLS ENCOUNTERED WITHIN THE WORK LIMITS SHALL BE REMOVED TO AN ELEVATION APPROXIMATELY THREE FEET BELOW FINISHED GRADE AND COVERED WITH A PRE-CAST CONCRETE SLAB OR A LARGE ROCK. STRUCTURE PORTIONS OF DUG WELLS AND CISTERNS SHALL BE REMOVED THREE FEET BELOW FINISHED GRADE, AND FILLED WITH ROCK AND/OR GRANULAR MATERIAL, SECTION E-1.02. PRIOR TO PLACING OF EMBANKMENT OR REMOVAL OF EXCAVATION, CONTRACTOR SHALL REMOVE ANY MASONRY SURROUNDING A WELL OR CISTERN WITHIN THREE FEET OF FINISHED GRADE. PUMPS AND OTHER APPURTENANCES SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED BY HIM. THE COST OF ALL WORK AND MATERIAL REQUIRED IN CAPPING, FILLING AND REMOVAL OF WELLS AND CISTERNS AS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM E-1 "ROADWAY EXCAVATION".

REMOVAL OF EXISTING HOUSE DRAINS

THE REMOVAL OF EXISTING HOUSE CONNECTIONS, WHICH INCLUDES SANITARY, YARD, ROOF, BASEMENT OR OTHER SIMILAR PIPE DRAINS ENCOUNTERED WITHIN THE ROADWAY CONSTRUCTION LIMITS SHALL BE CLASSIFIED AND PAID FOR AS E-1 ROADWAY EXCAVATION. UNLESS OTHERWISE ITEMIZED FOR PAYMENT IN THE PLANS. SANITARY DRAINS OR SEWERS SUCH AS LEACH BED OUTLETS, CELLAR DRAINS, SINK DRAINS OR ANY OTHER DRAINS WHICH CARRY POLLUTED WATER OF ANY KIND SHALL NOT BE PERMITTED TO FLOW INTO THE HIGHWAY DRAINAGE SYSTEM BUT SHALL BE PLUGGED WITH CL. "E" CONCRETE AT THE R/W LINE. PAYMENT FOR PLUGGING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ROADWAY EXCAVATION.

ITEM E4U BORROW USING GRANULAR MATERIAL AS PER PLAN

MATERIAL FURNISHED FOR THIS ITEM SHALL BE AS DEFINED IN SECTION E-1.02 (EXCEPT THAT AT LEAST 75 PER CENT BY WEIGHT OF THE GRAINS OR PARTICLES SHALL BE RETAINED ON A NO. 200 SIEVE). IN THE GRISWOLD LAKE AREA BETWEEN APPROXIMATELY STATIONS 7 + 50 AND 11 + 50 THIS MATERIAL SHALL BE PLACED BY THE METHOD OF END DUMPING IF SURFACE WATER IS PRESENT AT THE TIME OF CONSTRUCTION. END DUMPING METHODS MAY BE USED UP TO AN ELEVATION TWO FEET ABOVE THE WATER LEVEL. ABOVE THIS ELEVATION, EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH SECTION E-1.08.

WHERE END DUMPING IS PERMITTED, NORMAL CLEARING AND GRUBBING SHALL BE PERFORMED BUT THE REQUIREMENTS OF SEC. E-1.04 FOR SCALPING AND COMPACTION OF THE FOUNDATION SHALL BE WAIVED.

IN THE EVENT THAT GRISWOLD LAKE IS DRAINED PRIOR TO EMBANKMENT CONSTRUCTION THIS ITEM SHALL BE NON-PERFORMED AND EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH SEC. E-1.08.

DETOUR PLAN

TRAFFIC MAINTENANCE AND CONSTRUCTION PROCEDURE

THE CONTRACTOR SHALL SCHEDULE HIS SEQUENCE OF OPERATIONS IN ORDER THAT THE FOLLOWING WORK CAN BE COMPLETED AS ONE CONTINUOUS OPERATION PRIOR TO SEPTEMBER 1, 1961. CONSTRUCT RELOCATED S.R. 528 FROM STA. 0 + 00 TO STA. 32 + 00±, CONNECTING ROAD NO. 1, GRISWOLD ROAD AND CONNECTING ROAD NO.2, DURING WHICH TIME S.R. 528 TRAFFIC MAY BE DETOURED AS SHOWN. CONSTRUCT RELOCATED S.R. 528 FROM STA. 52 + 50± TO STA. 64 + 50 AND S.R. 307 FROM STA. 5 + 50 TO STA. 14 + 00, DURING WHICH TIME EXISTING S.R. 528 AND S.R. 307 TRAFFIC MAY BE DETOURED AS SHOWN. ALL CONSTRUCTION AS STATED ABOVE SHALL BE PERFORMED WITH LOCAL TRAFFIC MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE PROVISIONS OF SECTION G-4.05. WORK IN THESE AREAS THAT DOES NOT NECESSITATE THE CLOSING OF EXISTING S.R. 528 AND S.R. 307 SHALL BE COMPLETED PRIOR TO PLACING THE DETOURS INTO EFFECT. THE DURATION OF USE OF DETOURS SHALL BE HELD TO AN ABSOLUTE MINIMUM, AND IN ALL CASES SUBJECT TO THE APPROVAL OF THE ENGINEER.

ALL OTHER WORK MAY BE PERFORMED AT THE OPTION OF THE CONTRACTOR WITH THE EXCEPTION OF THE EXISTING S.R. 528 STRUCTURE CROSSING THE GRAND RIVER, WHICH SHALL NOT BE REMOVED UNTIL TWO WAY TRAFFIC CAN BE SAFELY MAINTAINED ON RELOCATED S.R. 528.

ESTIMATED QUANTITIES OF ITEMS T-10 AND M-10 HAVE BEEN PROVIDED IN THE GENERAL SUMMARY AND SHALL BE APPLIED AT LOCATIONS WHERE DIRECTED AND IN THE AMOUNTS SPECIFIED BY THE ENGINEER.

ESTIMATED QUANTITIES (TO GENERAL SUMMARY)

ITEM T-10 AGGREGATE 350 350 C.Y.
ITEM M-10 CALCIUM CHLORIDE 7 TONS

IF THE CONTRACTOR SO ELECTS, HE MAY SUBMIT ALTERNATE METHODS FOR THE 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.

Two-way traffic shall be maintained at all times the detour is not in effect by utilizing existing pavement, proposed pavement, or combinations of the two. The contractor shall safeguard the traveling public at overhead bridge construction on existing S.R. 528 by providing platforms, nets, or other suitable protection above the traveled lanes. Payment for this protection shall be included in the lump sum price bid for "Maintaining Traffic."