

GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

5
48

LAKE COUNTY
LAK.-306-5.56

EROSION CONTROL

ITEMS I-10 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.

REINFORCED ENDS ON CORRUGATED METAL PIPE

REINFORCED ENDS SHALL BE REQUIRED ON ALL CORRUGATED METAL CLASS F-4, SEC. M-6.4 (C) PIPE FOR DRIVEWAYS AND UNDERDRAIN OUTLETS IF THE PIPE ENDS ARE UNPROTECTED BY HEADWALLS, CATCH BASINS, OR MANHOLES.
PAYMENT FOR THE REINFORCED PIPE ENDS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT PIPE ITEM I-1.

ITEM I-9 STONE UNDERDRAINS, NO. 2

STONE UNDERDRAINS SHALL BE PLACED AT CONTRACTION JOINTS SPACED AT SIXTY(60) FOOT INTERVALS ON EACH SIDE OF NORMAL CROWNED SECTIONS AND AT THIRTY (30) FOOT INTERVALS ON THE LOW SIDE ONLY OF SUPERELEVATED SECTIONS, EXCEPT WHERE ITEM I-1 PIPE UNDERDRAINS HAVE BEEN PROVIDED.

ESTIMATED QUANTITIES:
ITEM I-9 STONE UNDERDRAINS, NO. 2 =1,400 LIN. FT.

MAINTENANCE OF SEWER FLOWS

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO MAINTAIN AT ALL TIMES SEWER FLOWS THROUGH EXISTING FACILITIES TO REMAIN IN PLACE AND THROUGH EXISTING FACILITIES TO BE REPLACED UNTIL NEW FACILITIES ARE COMPLETED AND PLACED INTO USE.

PAYMENT FOR ANY ADDITIONAL COSTS INVOLVED IN MAINTAINING THESE FLOWS BY PUMPING OR BY ANY OTHER MEANS APPROVED BY THE ENGINEER SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE RESPECTIVE PIPE ITEMS.

CONTRACTION AND EXPANSION JOINTS

ALTHOUGH SPECIFIC LOCATIONS OF CERTAIN EXPANSION AND CONTRACTION JOINTS HAVE BEEN DETAILED ON THIS PLAN, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. THE MAXIMUM SPACING BETWEEN THE CONTRACTION JOINTS SHALL IN ALL CASES BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING T.J.

SANITARY FLOW INTO HIGHWAY DRAINAGE SYSTEM

THIS PLAN MAKES NO PROVISION FOR CONNECTING, NOR SHALL THE ENGINEER OR CONTRACTOR CONNECT, ANY EXISTING OR NEW DRAINAGE INTO THE HIGHWAY DRAINAGE SYSTEM WHEN SUCH DRAINS CARRY FLOW FROM ANY PLUMBING FIXTURES INCLUDING FLOOR DRAINS AND SINK DRAINS OR DRAINS FROM LIVESTOCK LOTS OR BARNY OR POLLUTED WATER OF ANY KIND.

EXISTING PIPE CARRYING FLOW WHICH COMES WITHIN THE CATEGORY OUTLINED ABOVE SHALL BE PLUGGED WITH CLASS "E" CONCRETE AT THE RIGHT-OF-WAY LINE. PAYMENT FOR SAID PLUGGING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "ITEM E-1 ROADWAY EXCAVATION".

SANITARY MANHOLES

ALL SANITARY MANHOLES ON THIS PROJECT SHALL BE ADJUSTED TO GRADE BY OTHERS.

GUARD RAIL POSTS WITHOUT RAIL REMOVED AND DISPOSED OF

THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO REMOVE AND DISPOSE OF THE GUARD RAIL POSTS WITHOUT RAIL WHICH ARE INDICATED FOR REMOVAL AND DISPOSAL ON THE PLANS.
THE GUARD RAIL POSTS WITHOUT RAIL SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
PAYMENT SHALL BE MADE ON THE BASIS OF THE UNIT PRICE BID PER EACH ITEM I-15 GUARD RAIL POSTS WITHOUT RAIL REMOVED AND DISPOSED OF".

ITEM I-5 PIPE SPECIALS

PIPE WITHOUT PERFORATIONS WILL BE PERMITTED FOR USE ON THIS PROJECT FOR ALL ITEM I-5 PIPE SPECIALS.

ITEM I-22 SUBBASE GRADING "A" OR "B" AS PER PLAN

MATERIAL FOR THIS ITEM SHALL MEET THE REQUIREMENTS OF GRADING "A" OR "B" OF SEC. I-22.02 EXCEPT THAT EITHER GRADING, NO MORE THAN 10% OF THE MATERIAL SHALL PASS A NO. 200 SIEVE AT THE TIME OF INCORPORATION INTO THE WORK.