

GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

LAKE COUNTY
LAK 84-19.26

FIELD OFFICE

THE CONTRACTOR SHALL, IN ACCORDANCE WITH SEC. S-0.01(b), PROVIDE FOR THE EXCLUSIVE USE OF THE STATE'S EMPLOYEES, A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 300 SQ. FT. OF FLOOR SPACE. THE CONTRACTOR SHALL HAVE A TELEPHONE INSTALLED AND MAINTAINED IN THIS FIELD OFFICE DURING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL ALSO PROVIDE AND INSTALL WIRING AND OUTLETS SUITABLE FOR CONNECTING ELECTRIC LIGHTS AND OFFICE EQUIPMENT IN THE FIELD OFFICE AND PROVIDE 110-VOLT ALTERNATING CURRENT TO THE OFFICE DURING THE ENTIRE PERIOD OF CONSTRUCTION OF THIS PROJECT. **ALL OF THE ABOVE INCLUDED IN THE LUMP SUM PRICE BID FOR FIELD OFFICE.**

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 MAKES NO GUARANTEES AS TO THEIR ACCURACY OR COMPLETENESS.

UTILITY ADJUSTMENT

ANY OR ALL WORK REQUIRED FOR PUBLIC OR PRIVATE UTILITIES WILL BE DONE BY AND AT THE EXPENSE OF THEIR RESPECTIVE OWNERS, UNLESS OTHERWISE NOTED ON THESE PLANS.

UTILITIES

FOLLOWING IS A LIST OF UTILITIES WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT:

CITY OF PAINESVILLE WATER DEPT. **PAINESVILLE CITY HALL No. 7 RICHMOND ST.**
CITY OF PAINESVILLE LIGHT & POWER DEPT. **PAINESVILLE CITY HALL No. 7 RICHMOND ST.**
OHIO BELL TELEPHONE COMPANY **18419 EUCLID AVE. CLEVELAND 12, OHIO**

CONSTRUCTION LAYOUT STAKES

SEE NOTE IN PROPOSAL DESCRIBING THE WORK INCLUDED IN THIS LUMP SUM PAY ITEM.

CONTROL AND REFERENCE

CONTROL AND REFERENCE POINTS ARE ON FILE IN THE DIVISION OFFICE. REFERENCE STAKES HAVE BEEN SET BY DIVISION SURVEY CREWS.

ROUNDING OF CORNERS SHOWN ON CROSS-SECTIONS

THE ROUNDED CORNERS SHOWN ON STANDARD DRAWING RI-1, APPLY TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN ON THESE PLANS.

NON-RIGID PAVEMENT REMOVAL

REMOVAL AND DISPOSAL OF EXISTING NON-RIGID PAVEMENT, UNLESS OTHERWISE INDICATED ON THESE PLANS, SHALL BE MEASURED AND PAID FOR AS ITEM E-1, ROADWAY EXCAVATION.

DUST CONTROL

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN PROVIDED FOR USE AS DIRECTED BY THE ENGINEER AS PER SEC. G-7.14 IN THE SPECIFICATIONS.

1 - 4 WATER FOR DUST CONTROL 2 M-GAL.
1 - 4 CALCIUM CHLORIDE FOR DUST CONTROL 2 TONS

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 OR AROUND 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 OF THE CONTRACT.

WHEN WORKING IN THE AREA ADJACENT TO EXISTING SEWER, THE CONTRACTOR IS TO PROCEED WITH CAUTION IN ORDER THAT NO DAMAGE IS DONE TO THE EXISTING SEWERS. ANY DAMAGE TO EXISTING SEWERS RESULTING FROM THE CONTRACTOR'S OPERATIONS OR NEGLIGENCE, AS DETERMINED BY THE ENGINEER, SHALL IMMEDIATELY BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.

REMOVAL OF EXISTING PIPE

THE REMOVAL OF ALL EXISTING PIPE DRAINS WITHIN THE LIMITS OF PROPOSED EXCAVATION ITEMS SHALL BE INCLUDED FOR PAYMENT IN THE UNIT PRICES BID FOR THE RESPECTIVE EXCAVATION ITEMS, UNLESS OTHERWISE ITEMIZED IN THE PLANS.

PLUGGING PIPE

THE UPSTREAM ENDS OF ALL PIPE OR TILE LINES INTERCEPTED BY EARTHWORK OPERATIONS AND, WHERE INDICATED, THE ENDS OF PIPE LINES TO BE ABANDONED IN PLACE SHALL BE EFFECTIVELY BLOCKED AND COVERED. BROKEN PIECES AND PORTIONS OF PIPE OR TILE SHALL BE REMOVED UNTIL A WHOLE UNDAMAGED LENGTH IS ENCOUNTERED. THIS PIPE SHALL THEN BE BLOCKED WITH CONCRETE, FLAT STONE OR BRICK LAID IN MORTAR, OR A PRECAST CLAY OR CONCRETE STOPPER. PAYMENT FOR THE ABOVE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM E-1, ROADWAY EXCAVATION.

DUMPED ROCK CHANNEL PROTECTION, AS PER PLAN

THE SIZE OF STONE FURNISHED FOR THIS ITEM, AS PROVIDED IN SEC 1-10 06, IS HEREBY MODIFIED TO PERMIT THE USE OF STONES AS LARGE AS MAY BE CONVENIENTLY PLACED TO THE LINES AND GRADES CALLED FOR IN THE PLANS AND TO PERMIT THE INCLUSION (NOT TO EXCEED 10 PER CENT BY WEIGHT) OF SPALLS AND STONES OF LESS THAN 1/3 CUBIC FOOT VOLUME. ANY PIECE OF STONE OR BROKEN MASONRY RESULTING FROM THE REMOVAL OF EXISTING STRUCTURES AND MEETING THE ABOVE REQUIREMENTS MAY BE USED IN THIS ITEM.

CONNECTIONS TO EXISTING PIPES

AT PLACES WHERE THE PLANS PROVIDE FOR PROPOSED DRAINAGE PIPE TO BE CONNECTED TO EXISTING PIPES, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE BOTH AS TO LINE AND GRADE BEFORE HE STARTS TO LAY THE PROPOSED PIPE. THE COST OF THIS OPERATION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT PIPE ITEM.

UNDERDRAINS OUTLETS, ITEM I-1 6" PIPE CLASS F-4

A TEN (10) FOOT LENGTH OF 6" PIPE CLASS F-4 SHALL BE USED TO OUTLET THE UNDERDRAINS AT EACH DRAINAGE STRUCTURE.

SEALING OF PIPE JOINTS

WHERE CONNECTIONS ARE MADE BETWEEN RIGID AND FLEXIBLE PIPE SECTIONS OR BETWEEN PIPE SECTION OF DIFFERENT KIND OR TYPE OF END FABRICATION, WHETHER REQUIRED BY THE PLANS ARISING FROM PERMISSIBLE USE OF OPTIONAL MATERIALS, OR ENCOUNTERED IN CONNECTION TO EXISTING FACILITIES, THE JOINT SHALL BE SEALED AS PER STANDARD DRAWING I-1

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 FOR EITHER GRADING, NO MORE THAN 10% OF THE MATERIAL SHALL PASS A NO. 200 SIEVE AT THE TIME OF INCORPORATION INTO THE WORK.

16" WATER MAIN

THE 16" WATER MAIN SHOWN ON THE PLAN SHEETS IS THE ONLY LINE TO THE CITY RESERVOIR AND MUST BE KEPT IN OPERATION AT ALL TIMES. THE CONTRACTOR SHALL NOTIFY THE CITY OF PAINESVILLE WATER DEPARTMENT BEFORE STARTING ANY WORK WHICH MAY DISTURB THE WATER LINE, SERVICE CONNECTIONS OR OTHER APPURTENANCES.

REMOVAL OF TREES AND STUMPS

ALL TREES AND STUMPS LYING WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT SHALL BE REMOVED UNDER THE LUMP SUM PRICE BID FOR ITEM E-9. REMOVAL OF TREES AND STUMPS, EXCEPT THAT THOSE TREES FOR WHICH PROTECTION AND PRESERVATION WORK IS INDICATED ELSEWHERE IN THESE PLANS SHALL NOT BE REMOVED.

THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED:

	NO. TREES	NO. STUMPS
12" - 18"	7	
18" - 24"	2	
24" - 36"	3	
36" - 42"		
OVER 42"		

THE ABOVE ESTIMATE IS APPROXIMATE AND THE STATE OF OHIO RESERVES THE RIGHT TO ORDER THE REMOVAL OF ADDITIONAL TREES OR STUMPS OUTSIDE THE LIMITS OF CONSTRUCTION BUT WITHIN THE RIGHT-OF-WAY AND/OR EASEMENT LINES. PAYMENT FOR THE REMOVAL OF ADDITIONAL TREES OR STUMPS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM E-9, REMOVAL OF TREES AND STUMPS.

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.

SEEDING FORMULA

THE FOLLOWING SEEDING MIXTURE SHALL, IN LIEU OF THE MIXTURE LISTED IN SECTION I-9.11, BE USED THROUGHOUT THE LIMITS OF THIS PROJECT:

60% KENTUCKY BLUEGRASS
25% CREEPING RED PESCUE
10% RED TOP
5% WHITE DUTCH CLOVER

SEEDING

QUANTITIES FOR SEEDING ARE CALCULATED FOR THE SOIL AREAS FROM THE PROPOSED CURB TO THE CONSTRUCTION LIMITS AND WITHIN THE WORK LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY: WORK AGREEMENTS AND TEMPORARY RIGHT-OF-WAY. ALL AREAS OUTSIDE THESE LIMITS WHERE THE VEGETATION HAS BEEN DISTURBED BY THE CONTRACTOR SHALL BE RESTORED AND SEEDING IN ACCORDANCE WITH PROVISIONS OF SECTION G-7.09 BY THE CONTRACTOR AT HIS OWN EXPENSE.

TRAFFIC MAINTENANCE AND DETOUR:

THROUGH TRAFFIC SHALL BE DETOURED AS FOLLOWS:

S.R. 84 TO RELOCATED S.R. 44 TO I-90 TO S.R. 528 TO S.R. 84 UNTIL NOV. 30, 1965.

ESTIMATED QUANTITIES OF T-10, I-4 AND T-35 HAVE BEEN PROVIDED IN THE GENERAL SUMMARY FOR MAINTAINING LOCAL TRAFFIC AND SHALL BE APPLIED AT LOCATIONS WHERE DIRECTED AND IN AMOUNTS SPECIFIED BY THE ENGINEER.

ITEM T-10 AGGREGATE..... 100 C.Y.
ITEM I-4 CALCIUM CHLORIDE..... 2 TONS
ITEM T-35 ASPHALTIC CONCRETE FOR MAINTAINING TRAFFIC..... 20 C.Y.

PAVEMENT ON SR 84 SHALL BE SUFFICIENTLY COMPLETED BY NOV. 30, 1965 TO MAINTAIN THROUGH TRAFFIC. TWO WAY THROUGH TRAFFIC SHALL BE MAINTAINED ON THE PROPOSED PAVEMENT DURING THE REMAINDER OF THE CONTRACT.

TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON SCHOOL DRIVES AT STA. 83+41 AND STA. 88+52 DURING THE CONSTRUCTION OF THIS PROJECT EXCEPT THAT FOR A MAXIMUM PERIOD OF TWO WEEKS, DURING WHICH TIME BOTH SCHOOL DRIVES ARE TO BE CONSTRUCTED, ONE DRIVE MAY BE CLOSED WHILE FULL ACCESS TO AND FROM THE SCHOOL IS MAINTAINED ON THE OTHER DRIVE.

PAYMENT FOR ALL OF THE ABOVE, EXCEPT ITEMS T-10, I-4 and T-35, SHALL BE INCLUDED IN THE LUMP SUM BID FOR MAINTAINING TRAFFIC.