

GENERAL NOTES

FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 800 SQUARE FEET OF FLOOR SPACE. PAYMENT SHALL BE AT THE LUMP SUM PRICE BID FOR ITEM 619, FIELD OFFICE.

ROUNDING OF CORNERS SHOWN ON CROSS SECTIONS

THE ROUNDED CORNERS SHOWN ON THE TYPICAL SECTIONS. APPLY TO ALL CROSS SECTIONS EVEN THOUGH OTHERWISE SHOWN ON THESE PLANS.

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.

UTILITY OWNERSHIP

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT:

CLEVELAND ELECTRIC ILLUMINATING COMPANY
 2210 S. RIDGE WEST, ASHTABULA, OHIO 44004
 352-9361 EXT. 161 PHIL MULLET

BOARD OF PUBLIC AFFAIRS
 (SANITARY SEWERS & AND WATER LINES)
 FAIRPORT HARBOR VILLAGE HALL
 220 THIRD STREET P.O. BOX 1022
 FAIRPORT HARBOR, OHIO 44077
 357-6343 KEITH ROWAN, SUPERINTENDENT OF SEWER & WATER

LAKE COUNTY SANITARY ENGINEER,
 105 MAIN STREET, PAINESVILLE, OHIO 44077
 357-2645 K. JOHNSON

OHIO BELL TELEPHONE COMPANY
 820 W. SUPERIOR AVE., CLEVELAND, OHIO 44113
 822-2310 W. REED

EAST OHIO GAS COMPANY
 1201 EAST 55TH STREET, CLEVELAND, OHIO 44103
 432 6803 R. JENDER

CONTINENTAL CABLEVISION
 77 NORTH ST. CLAIR ST, PAINESVILLE, OHIO 44077
 354-0454 JAMES CLASPILL

SERVICE DIRECTOR (STORM SEWER)
 FAIRPORT HARBOR VILLAGE HALL
 220 THIRD STREET - P.O. BOX 1022
 FAIRPORT HARBOR, OHIO 44077
 352-3159 WILLIAM FISHER, STREET COMMISSIONER

DEPTH OF UTILITIES

THE DEPTH OF EXISTING UTILITIES, BASED UPON INFORMATION PROVIDED BY OR THE GENERAL PRACTICE OF THE OWNER OF THE UTILITY, IS AS FOLLOWS:

BURIED ELECTRICAL CABLE:	NONE
BURIED TELEPHONE CABLE:	2.0' MIN. - 4.5' MAX.
BURIED TELEVISION CABLE:	NONE
GAS MAINS:	2.5' TO 3.0'
GAS SERVICE CONNECTIONS:	1.5' TO 2.0'
WATER SERVICE CONNECTIONS:	3.5' TO 5.0'

DEPTH OF WATERLINES, STORM SEWERS AND SANITARY SEWERS ARE INDICATED ON THE PLANS BASED UPON FIELD MEASUREMENTS OR DATA PROVIDED BY THE OWNER OR THE UTILITY.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

REMOVAL OF TREES AND STUMPS

ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT SHALL BE REMOVED UNDER THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING, 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:

SIZES	NO. OF TREES	NO. OF STUMPS	TOTAL
18"	4	0	4
30"	1	0	1
48"	0	0	0
60"	0	0	0

THE ABOVE ESTIMATE IS APPROXIMATE AND THE STATE OF OHIO RESERVES THE RIGHT TO ORDER THE REMOVAL OF ADDITIONAL TREES OR STUMPS OUTSIDE OF THE LIMITS OF CONSTRUCTION BUT WITHIN THE RIGHT-OF-WAY AND/OR EASEMENT LINES. PAYMENT FOR THE REMOVAL OF THESE ADDITIONAL TREES OR STUMPS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

MONUMENTS

MONUMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS SHOWN ON STANDARD CONSTRUCTION DRAWING MC-1. FOR LOCATIONS, SEE SHEET NO. 16.

SEEDING AND SODDING

QUANTITIES FOR SEEDING AND SODDING ARE CALCULATED FOR THE SOIL AREAS TO A POINT 2' BEYOND THE LIMITS. SODDING HAS BEEN CALCULATED FOR THE SOIL AREAS BETWEEN THE CURB AND SIDEWALKS WITHIN THE LIMITS SHOWN ON THE PLANS, SEE SHEET NO. 13, WITH ALL REMAINING AREAS TO BE SEEDED. THE EXCEPTION TO WIDTH OF SODDING IS ON SECOND STREET FROM STATION 0+41, RIGHT TO STATION 1+74, RIGHT WHERE WIDTH SHALL BE FROM BACK OF CURB TO RIGHT-OF-WAY LINE.

WATERING AND MOWING PERMANENT SEEDED AND SODDED AREAS

ESTIMATED QUANTITIES FOR ITEM 659, WATER AND ITEM 659, MOWING, TO BE USED AS DIRECTED BY THE ENGINEER TO PROMOTE GROWTH AND TO CARE FOR THE PERMANENT SEEDED AND SODDED AREAS, AS PER 659.09, HAVE BEEN PROVIDED IN THE GENERAL SUMMARY, SEE SHEET 14.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

ESTIMATED QUANTITIES FOR ITEM 207, TEMPORARY SEEDING AND MULCHING, ITEM 207, STRAW OR HAY BALES, ITEM 659, MOWING, ITEM 659, COMMERCIAL FERTILIZER, ITEM 659, REPAIR SEEDING AND MULCHING, AND ITEM 659, WATER, TO BE USED AS DIRECTED BY THE ENGINEER, FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN PROVIDED IN THE GENERAL SUMMARY, SEE SHEET 14.

REMOVAL OF SILT AND ORGANIC CONTAMINATED MATERIAL

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO PROVIDE FOR THE REMOVAL OF SILT AND/OR ORGANIC CONTAMINATED MATERIALS ENCOUNTERED DURING EXCAVATION FOR PROPOSED DITCH IN ACCORDANCE WITH ITEM 203.04 AND SHALL INCLUDE THE SUBSEQUENT PLACEMENT OF SUITABLE EMBANKMENT COMPACTED AS DESCRIBED UNDER ITEM 203 ALL AS DIRECTED BY THE ENGINEER AND GENERALLY WITHIN THE LIMITS OF STATIONS 54+25 RIGHT TO 68+25, RIGHT.

ITEM 203	EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION	350	C.Y.
ITEM 203	EMBANKMENT	350	C.Y.

CONNECTION TO EXISTING PIPE

WHERE THE PLANS PROVIDE FOR PROPOSED CONDUIT TO BE CONNECTED TO, OR TO CROSS EITHER OVER OR UNDER AN EXISTING SEWER, 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 CONDUIT.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT 603 CONDUIT ITEMS.

FIELD "T" CONNECTION

THE CONNECTION OF ALL LATERAL CONDUIT TO EXISTING MAINLINE CONDUIT SHALL BE BY FIELD "T" CONNECTION AS DETAILED ON SHEET 174. THE OPENING IN THE EXISTING CONDUIT SHALL BE MACHINE CORED AND HAND FINISHED TO PROVIDE A SMOOTH OPENING. COST FOR THE ABOVE WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE PERTINENT ITEM 603 CONDUITS.

THE CONNECTION OF ALL LATERAL CONDUIT TO PROPOSED MAINLINE CONDUIT SHALL BE BY PREFABRICATED TEE SPECIALS AS MANUFACTURED BY SUPERIOR PIPE CORPORATION, CLEVELAND, OHIO, OR U.S. CONCRETE PIPE COMPANY, CLEVELAND, OHIO OR AN APPROVED EQUAL. COST OF THE PREFABRICATED TEE SPECIALS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE PERTINENT ITEM 603 CONDUITS.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT, AND AGAIN BEFORE FINAL ACCEPTANCE BY THE STATE, REPRESENTATIVES OF THE STATE AND THE CONTRACTOR, ALONG WITH LOCAL REPRESENTATIVES, SHALL MAKE AN INSPECTION OF THE EXISTING SEWERS WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTIONS SHALL BE KEPT IN WRITING BY THE STATE.

ALL NEW CONDUITS, INLETS, CATCH BASINS AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE STATE.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE PERTINENT 603 CONDUIT ITEMS OF THE CONTRACT.

SANITARY FLOW INTO HIGHWAY DRAINAGE SYSTEMS

THESE PLANS MAKE 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 BARN.

EXISTING PIPE CARRYING FLOW WHICH COMES WITHIN THE CATEGORY OUTLINED ABOVE, SHALL BE PLUGGED WITH CLASS C CONCRETE IN THE RIGHT-OF-WAY LINE. PAYMENT FOR SAID PLUGGING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 203 EXCAVATION (OR THE PERTINENT 202 ITEM).

603 CONDUIT, AS PER PLAN 605 UNDERDRAINS, AS PER PLAN

WHERE NEW CONDUIT OR PIPE IS PROVIDED ON THE PLANS IT SHALL BE UNDERSTOOD THAT PIPE CONFORMING TO 707.01, 707.02 AND 707.13 WILL NOT BE USED FOR THE VARIOUS SIZES AND TYPES OF ITEM 603 CONDUIT, AS PER PLAN OR ITEM 605 UNDERDRAINS, AS PER PLAN.

607 GATE, TYPE CL, MODIFIED AS PER PLAN

ALL GATES, TYPE CL, MODIFIED AS PER PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 607 USING 72" CHAIN LINK FABRIC AND SHALL HAVE THREE STRANDS OF BARBED WIRE MOUNTED ON THE TOP RAIL OF EACH GATE LEAF. SEE SHEET 131 FOR SIZE AND LOCATION. PAYMENT FOR THIS ITEM SHALL BE THE UNIT PRICE BID FOR ITEM 607, GATE, TYPE CL, MODIFIED AS PER PLAN.