

GENERAL NOTES

FIELD OFFICE

(SEE PART I)

RIGHT-OF-WAY

ALL WORK SHALL BE PERFORMED WITHIN THE EXISTING RIGHT-OF-WAY OR EASEMENTS.

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.

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 153.04 O.R.C.

UTILITY OWNERSHIP

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

CITY OF MENTOR SERVICE DEPARTMENT 8500 CIVIC CENTER BOULEVARD MENTOR, OHIO 44060 (216)-255-1100	THE EAST OHIO GAS CO. 1201 EAST 55TH STREET CLEVELAND, OHIO 44103 (216)-432-6803
THE CLEVELAND ELECTRIC ILLUMINATING CO. P. O. BOX 5000 CEVELAND, OHIO 44101 (216)-622-9800	OHIO WATER SERVICE CO. 8644 STATION STREET MENTOR, OHIO 44060 (216)-255 3421
THE OHIO BELL TELEPHONE CO. 1020 BOLIVAR, ROOM 421 CLEVELAND, OHIO 44115 (216)-822-6025	CONTINENTAL CABLEVISION 7511 MENTOR AVENUE MENTOR, OHIO 44060 (216)-953-1582
LAKE COUNTY UTILITIES DEPARTMENT 105 MAIN STREET PAINESVILLE, OHIO 44077 (216)-257-5506	

ELEVATION DATUM

ALL ELEVATIONS REFER TO U.S.G.S. DATUM

LIMITATION OF OPERATIONS

THE CONTRACTOR'S ACTIVITIES AND WORK SCHEDULE SHALL BE CONSTRAINED BY THE FOLLOWING SPECIAL LIMITATIONS:

- 1) NO LANE CLOSURES SHALL BE IMPLEMENTED OR IN PLACE DURING THE PERIOD BEGINNING NOVEMBER 15TH AND ENDING MARCH 15TH.
- 2) NO LATEX MODIFIED CONCRETE OVERLAY OPERATIONS OR CONCRETE PATCHING AND SEALING OPERATIONS SHALL BE PERFORMED DURING THE PERIOD BEGINNING OCTOBER 15TH AND ENDING APRIL 15TH.
- 3) IN ADDITION, NO LANE CLOSURES WILL BE PERMITTED DURING THE TIME LANE CLOSURES ARE IMPLEMENTED ON LAK-2-1029 (PART I). THE CONTRACTOR WILL BE RESPONSIBLE TO SCHEDULE HIS OPERATIONS ACCORDINGLY.

LOCATION OF GUARDRAIL

THE LOCATIONS OF GUARDRAIL RUNS, AS SHOWN IN THESE PLANS, ARE SUBJECT TO ADJUSTMENT PRIOR TO FINAL ACCEPTANCE. THE ENGINEER SHALL BE SATISFIED THAT ALL INSTALLATIONS SHALL AFFORD MAXIMUM PROTECTION FOR TRAFFIC.

GUARDRAIL REPLACEMENT

NO HAZARD SHALL BE LEFT UNPROTECTED EXCEPT FOR THE ACTUAL TIME NECESSARY TO REMOVE, GRADE AND REINSTALL GUARDRAIL IN A CONTINUOUS OPERATION. THE REMOVAL OF ALL GUARDRAIL SHALL AT ALL TIMES BE AS DIRECTED BY THE ENGINEER. NO GUARDRAIL SHALL BE REMOVED UNTIL THE REPLACEMENT MATERIAL IS ON THE SITE, READY FOR INSTALLATION. FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE DEEMED SUFFICIENT CAUSE TO ORDER WORK SUSPENDED ON THIS PROJECT UNTIL SUCH TIME THAT THE ENGINEER IS ASSURED OF SAID COMPLIANCE.

GUARDRAIL OVER CULVERTS

WHEN SUFFICIENT POST DEPTH IS NOT AVAILABLE DUE TO A CULVERT, THE GUARDRAIL POSTS DIRECTLY OVER THE CULVERT SHALL NOT BE DRIVEN, BUT SET IN HOLES. IF THE DISTANCE BETWEEN THE GROUND LINE AND THE TOP OF THE CULVERT IS LESS THAN 3 FT., THE POST SHALL BE ENCASED IN A MINIMUM OF 4" THICKNESS OF CLASS C CONCRETE FOR THE FULL DEPTH OF THE POST. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE FOR ITEM 606, GUARD RAIL TYPE 5.

ITEM 310 - SUBBASE, TYPE I, GRADING A, AS PER PLAN

MATERIALS FURNISHED FOR THIS ITEM SHALL EXCLUDE ALL SLAG EXCEPT GRANULATED SLAG OR CRUSHED AIR-COOLED BLAST FURNACE SLAG.

ITEM 407 - TACK COAT

THE TACK COAT OPERATION SHALL BE APPROVED AS PER 407.05 OF THE SPECIFICATIONS. THE APPLICATION RATE SHALL BE 0.10 GALLONS PER SQUARE YARD *FOR ESTIMATING PURPOSE ONLY*.

JOINT SEALERS

ALL REFERENCES, HEREIN, TO 705.01 OR 705.02 APPEARING ON STANDARD DRAWINGS OR ON THE PLANS SHALL BE CONSIDERED TO READ 705.04.

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.

ITEM SPECIAL - PRESSURE RELIEF JOINT, TYPE C

ITEM SPECIAL - PRESSURE RELIEF JOINTS SHALL BE AS PER STANDARD DRAWING BP-11 DATED 01-30-84. DRAINS WILL BE PROVIDED BY CONNECTING TO THE EXISTING UNDERDRAINS.

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.

EXISTING DRAINS

EXISTING DRAINS DISTURBED BY THE PROPOSED WORK, SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS BY CONNECTING TO A STORM SEWER, MANHOLE, CATCH BASIN, THROUGH THE CURB.

THE LOCATION, TYPE, SIZE AND GRADE OF REQUIRED PLACEMENTS WILL BE DETERMINED BY THE ENGINEER DURING CONSTRUCTION.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE.

- ITEM 603 - 100 LIN. FT. 6" CONDUIT TYPE E, 706.01 OR 706.08
- ITEM 603 - 100 LIN. FT. 12" CONDUIT TYPE E, 706.01 OR 706.08

NONE OF THE ABOVE MATERIALS SHALL BE ORDERED BY THE CONTRACTOR UNTIL REQUESTED BY THE ENGINEER.

ITEM 604 - PAVED SHOULDER INLETS 1-2A-6, 1-2A-8, 1-2A-12, 1-2A-18 1-2A-8 W/CONC. APRON, 1-2A-18 W/CONC. APRON, AS PER PLAN

ALL REQUIRED REINFORCING STEEL AS LISTED ON THE STANDARD CONSTRUCTION DRAWINGS SHALL BE EPOXY-COATED IN ACCORDANCE WITH 709.00 OR SUPPLEMENTAL SPECIFICATION 941 AND PLACED AS PER 509.10. ADDITIONAL PRECAST REQUIRED REINFORCEMENT FOR "BASE" SECTIONS ARE NOT SUBJECT TO THIS REQUIREMENT.

ALL COSTS OF THIS TREATMENT SHALL BE INCLUDED IN THE COSTS OF THESE ITEMS.

SEEDING

QUANTITIES FOR SEEDING ARE CALCULATED FOR THE SOIL AREAS BETWEEN THE WORK LIMITS, AS SHOWN ON THE PLAN SHEETS.

WATERING PERMANENT SEEDED AREAS

THE FOLLOWING ESTIMATED QUANTITY IS TO BE USED AS DIRECTED BY THE ENGINEER TO PROMOTE GROWTH AND TO CARE FOR THE PERMENENT SEEDED AREAS, AS PER 659.09:

- 659 WATER 4 M.GAL.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

THE FOLLOWING ESTIMATED QUANTITY IS TO BE USED AS DIRECTED BY THE ENGINEER FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

- 207 STRAW OR HAY BALES 50 EACH
- 659 REPAIR SEEDING AND MULCHING 100 SQ.YDS.

THESE QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY.