

DAS 4/PI
65.5/81

GENERAL NOTES

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SECTION 153.64 ORC.

UTILITIES NOTIFICATION

AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN AN AREA WHICH MAY INVOLVE UNDERGROUND UTILITY FACILITIES, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, THE REGISTERED UTILITY PROTECTION SERVICE AND THE OWNERS OF EACH UNDERGROUND UTILITY FACILITY SHOWN IN THE PLANS.

THE OWNER OF THE UNDERGROUND UTILITY FACILITY SHALL, WITHIN FORTY-EIGHT HOURS, EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, AFTER NOTICE IS RECEIVED, STAKE, MARK OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND UTILITY FACILITIES IN THE CONSTRUCTION AREA IN SUCH A MANNER AS TO INDICATE THEIR COURSE TOGETHER WITH THE APPROXIMATE DEPTH AT WHICH THEY WERE INSTALLED. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO DAYS AHEAD OF THE PLANNED CONSTRUCTION.

UTILITY OWNERSHIP

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

OHIO WATER SERVICE CO.
7473 NORTH CENTER ST.
MENTOR, OHIO 44069
PHONE NO. 255-3421

OHIO BELL TELEPHONE CO.
34 SOUTH ST. CLAIR
PAINESVILLE, OHIO 44077

CLEVELAND ELECTRIC & ILLUMINATING CO.
2210 SOUTH RIDGE RD.
ASHTABULA, OHIO 44004
PHONE NO. 938-3131

LAKE COUNTY SANITARY ENGINEERING DEPT.
105 MAIN ST.
PAINESVILLE, OHIO
PHONE NO. 352-6281

EAST OHIO GAS CO.
1201 E. 55 TH. ST.
CLEVELAND, OHIO
PHONE NO. 361-2753



CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR PLAN ITEMS SET UP 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.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER FOR EROSION AND SEDIMENT CONTROL MEASURES:

207 - TEMPORARY SEEDING AND MULCHING	700 SQ. YD.
207 - STRAW OR HAY BALES	50 EACH
659 - MOWING	8 M. SQ. FT.
659 - COMMERCIAL FERTILIZER	0.04 TONS
659 - REPAIR SEEDING AND MULCHING	200 SQ. YDS.
659 - WATER	2 M. GAL.

MOBILIZATION, AS PER PLAN

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 300 SQ. FT. OF FLOOR SPACE WHICH SHALL BE IN ACCORDANCE WITH 619.01 AND 619.02. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 624 MOBILIZATION, AS PER PLAN.

MAINTAINING TRAFFIC

THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING OF S.R. 84 AND OLD JOHNNY CAKE RD. TO THROUGH TRAFFIC. TRAFFIC SHALL BE DETOURED AS SHOWN ON SHEET NO. 2.

THE CONCORD TOWNSHIP OFFICIALS AND LAKE COUNTY SHALL BE NOTIFIED OF THE ROAD CLOSINGS AT LEAST ONE WEEK PRIOR TO ACTUAL CLOSING.

THE CONTRACTOR SHALL MAINTAIN SAFE AND SATISFACTORY ACCESS TO ADJUTING PROPERTIES AND INTERSECTING STREETS AT ALL TIMES DURING CONSTRUCTION OF THE IMPROVEMENT.

PART WIDTH CONSTRUCTION MAY BE REQUIRED BY THE ENGINEER TO FACILITATE THE MAINTENANCE OF LOCAL ACCESS.

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS SUCH AS BARRICADES, SATISFACTORY BARRIERS, LIGHTING, FLAGMEN AND SUCH OTHER TRAFFIC CONTROL DEVICES AS PROVIDED IN ITEM 614 MAINTAINING TRAFFIC SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS USING THE ROADWAY DURING THE CONSTRUCTION.

ALL REQUIRED CONSTRUCTION TRAFFIC SIGNS WITHIN THE WORK LIMITS SHALL BE IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND SHALL BE PROVIDED, ERECTED AND MAINTAINED BY THE CONTRACTOR AS PER THE MANUAL.

ADVANCED TRAFFIC SIGNING BEYOND THE LIMITS OF THE WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DETOUR SIGNING SHALL BE PROVIDED AND INSTALLED BY STATE FORCES.

PAYMENT FOR LABOR AND EQUIPMENT REQUIRED FOR THE CONSTRUCTION, MAINTENANCE AND SUBSEQUENT REMOVAL OF BARRICADES, LIGHTS, SIGNS AND SIGN SUPPORTS, ETC. SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 MAINTAINING TRAFFIC.

ESTIMATED QUANTITIES FOR MAINTAINING TRAFFIC

QUANTITIES OF THE FOLLOWING ITEMS ARE ESTIMATED AND ARE INCLUDED FOR USE ONLY WHEN AND IN AMOUNTS AS DIRECTED BY THE ENGINEER. THE PROVISIONS OF SECTION 104.02 WILL APPLY TO THESE ITEMS.

ITEM 404 - BITUMINOUS CONCRETE FOR MAINTAINING TRAFFIC	10 C.Y.
ITEM 410 - TRAFFIC COMPACTED SURFACE, TYPE A OR B	50 C.Y.
ITEM 616 - CALCIUM CHLORIDE	1 TON
ITEM 616 - WATER	1 M. GAL.

DUST CONTROL

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN PROVIDED FOR THE ALLEVIATION OF DUST WHERE DIRECTED AND IN THE AMOUNTS SPECIFIED BY THE ENGINEER.

ITEM 616 - WATER	10 M. GAL.
ITEM 616 - CALCIUM CHLORIDE	1 TON

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.

407 TACK COAT

THE TACK COAT AND COVER AGGREGATE OPERATION SHALL BE AS DETERMINED AT A PRECONSTRUCTION CONFERENCE AS PER 407.05. PLAN QUANTITIES INDICATE AVERAGE APPLICATION RATES OF 0.10 GALLONS PER SQUARE YARD OF TACK COAT AND 7 POUNDS PER SQUARE YARD OF COVER AGGREGATE. (703.06).

UNRECORDED SANITARY CONNECTIONS

ANY RECORDED ACTIVE CONNECTION TO A SANITARY SEWER ENCOUNTERED DURING CONSTRUCTION SHALL BE RECONNECTED TO THE EXISTING SEWER, AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM 603 - 6" CONDUIT, TYPE C, AS PER PLAN	
706.01, 706.02, 706.08 WITH JOINTS AS PER 706.11 OR 706.12	50 L.F.
ITEM 603 - 6" CONDUIT, TYPE B, AS PER PLAN	
706.01, 706.02, 706.08 WITH JOINTS AS PER 706.11 OR 706.12	50 L.F.

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

SANITARY FLOW INTO HIGHWAY DRAINAGE SYSTEMS

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 BARNIS.

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).

CONDUIT END TREATMENT

IMMEDIATELY AFTER PLACEMENT OF ANY CONDUITS, THE CONTRACTOR SHALL CONSTRUCT THE END TREATMENTS REQUIRED BY THE PLANS AT BOTH THE OUTLET AND INLET ENDS. THIS SHALL INCLUDE HEADWALLS, CONCRETE RIPRAP, ROCK CHANNEL PROTECTION, SODDING, ETC.

ITEM 632 POWER SUPPLY FOR TRAFFIC SIGNALS

ELECTRIC POWER SHALL BE OBTAINED FROM THE CLEVELAND ELECTRIC & ILLUMINATING CO., 2210 SOUTH RIDGE RD., ASHTABULA, OHIO 44004 AT THE LOCATION INDICATED ON THE PLANS. POWER SUPPLIED SHALL BE 120 VOLTS.

TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS

REFERENCES TO SUPPLEMENTAL SPECIFICATIONS 857, 858, 859, 957, 958 AND 959 ON THE TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS IN THESE PLANS SHALL BE CONSIDERED TO READ AS RESPECTIVE REFERENCES TO ITEMS 630, 631, 632, 730, 731, AND 732.