

GENERAL NOTES

GENERAL

ITEM 619 - FIELD OFFICE

THE CONTRACTOR SHALL PROVIDE A SUITABLE FIELD OFFICE HAVING A MINIMUM OF 800 SQ. FT. OF FLOOR SPACE. PAYMENT SHALL BE AT THE LUMP SUM BID FOR ITEM 619 - FIELD OFFICE

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 ORC.

UTILITY OWNERSHIP

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

THE CLEVELAND ELECTRIC ILLUMINATING CO. P. O. BOX 5000 55 PUBLIC SQUARE CLEVELAND, OHIO 44101 623-1350	OHIO WATER SERVICE CO. 8644 STATION STREET P. O. BOX 539 MENTOR, OHIO 44060 255-3421
THE OHIO BELL TELEPHONE COMPANY 1020 BOLIVAR RD. RM 421 CLEVELAND, OHIO 44115 882-6241	LAKE COUNTY DEPT. OF UTILITIES LAKE COUNTY ADMINISTRATION CENTER 105 MAIN STREET PAINESVILLE, OHIO 44077 357-2645 (SANITARY SEWERS)
THE EAST OHIO GAS COMPANY P. O. BOX 5759 1201 EAST 55TH STREET CLEVELAND, OHIO 44103 361-2753	LAKETRAN (BUS SERVICE) 200 OLIVE STREET P. O. BOX 450 GRAND RIVER, OHIO 44045 354-6100
CONTINENTAL CABLEVISION 7511 MENTOR AVENUE MENTOR, OHIO 44060 953-0423	CITY OF MENTOR 8500 CIVIC CENTER BLVD. MENTOR, OHIO 44060 255-1100 (STORM SEWERS AND TRAFFIC SIGNALS)

COOPERATION BETWEEN CONTRACTORS

THE CONTRACTOR SHALL COOPERATE AND COORDINATE HIS OPERATIONS WITH THE CONTRACTORS ON OTHER PROJECTS THAT MAY BE IN FORCE DURING THE LIFE OF THIS CONTRACT. NO WAIVER OF ANY PROVISIONS OF 105.07 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS IS INTENDED.

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.

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.

ELEVATION DATUM

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

MAILBOX REMOVAL & REPLACEMENT

THE CONTRACTOR SHALL REMOVE & RE-ERECT EXISTING MAILBOXES AS PER 107.12. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR 203.

GENERAL CONT. ON SHEET 16.

ROADWAY

REMOVAL OF TREES OR STUMPS

ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT SHALL BE REMOVED UNDER THE LUMP SUM BID PRICE 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. TREES	No. STUMPS	TOTAL
18"	29	6	35
30"	22	—	22
48"	5	—	5
60"	—	—	—

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 THESE ADDITIONAL TREES OR STUMPS SHALL BE INCLUDED IN THE LUMP SUM BID PRICE 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 370-372.

DUST CONTROL

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN PROVIDED IN THE GENERAL SUMMARY FOR APPLICATION FOR THE PREVENTION OR ALLEVIATION OF DUST AS DIRECTED BY THE ENGINEER.

ITEM 616 CALCIUM CHLORIDE	100 TON
ITEM 616 WATER	1000 M-GAL

EROSION CONTROL

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

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

ITEM 207 - STRAW OR HAY BALES	1050 EACH
ITEM 207 - FILTER FABRIC FENCE	1000 LIN.FT.
ITEM 207 - TEMPORARY SEEDING & MULCHING	7500 SQ. YDS.
ITEM 207 - TEMPORARY BENCHES, DIKES, DAMS AND SEDIMENT BASINS	100 CU. YD.
ITEM 601 - ROCK CHANNEL PROTECTION, TYPE C (without filter)	10 CU. YDS.
ITEM 659 - MOWING	10 M SQ. FT.
ITEM 659 - COMMERCIAL FERTILIZER	1.3 TON
ITEM 659 - REPAIR SEEDING & MULCHING	2000 SQ. YD.
ITEM 659 - WATER	20 M GAL.

ITEM 207 - FILTER FABRIC FENCE

MATERIALS

FILTER FABRIC SHALL MEET THE REQUIREMENT OF ITEM 207.02.

CONSTRUCTION

THE BOTTOM OF THE FENCE SHALL BE BURIED 6" BELOW THE GROUND. THE FENCE SHALL BE HIGH ENOUGH TO RETAIN SEDIMENT LADEN WATER AND ADEQUATELY SUPPORTED TO PREVENT COLLAPSE OR BURSTING. THE GROUND ELEVATION OF THE FENCE SHALL BE HELD CONSTANT EXCEPT THAT THE END ELEVATIONS SHALL BE RAISED TO PREVENT FLOW AROUND THE END OF THE FENCE.

MAINTENANCE

THE FILTER FABRIC FENCE SHALL, AT THE DIRECTION OF THE ENGINEER, BE MAINTAINED TO BE FUNCTIONAL. THIS SHALL INCLUDE REMOVAL OF TRAPPED SEDIMENT AND REQUIRED CLEANING, REPAIR, AND/OR REPLACEMENT OF THE FILTER FABRIC.

PAYMENT

THE COST OF ALL MATERIALS, CONSTRUCTION, MAINTENANCE AND REMOVAL REQUIRED SHALL BE PAID FOR UNDER ITEM 207 LIN. FT. FILTER FABRIC FENCE.

EROSION CONTROL

ITEMS 601, 659 AND 660 ARE PROVIDED IN THE PLANS FOR EROSION CONTROL. ROCK OF A STABLE NATURE WILL NOT BE REMOVED IN ORDER TO PLACE ANY OF THESE ITEMS, AND TURF OF A STABLE NATURE WILL NOT BE REMOVED IN ORDER TO PLACE 659 OR 660. THE ENGINEER SHALL CHECK AND NON-PERFORM QUANTITIES OR ADJUST LOCATIONS AND QUANTITIES FOR THESE ITEMS WHERE INDICATED BY FIELD CONDITIONS DURING CONSTRUCTION.

ITEM 653 - TOPSOIL FURNISHED AND PLACED

THE CONTRACTOR SHALL PLACE A 2" TOPSOIL GRADING BENEATH ALL SODDED AREAS. AN ESTIMATED QUANTITY OF TOPSOIL FURNISHED AND PLACED HAS BEEN CALCULATED ON SHEET 81. THE IGNITION TEST AS PER 653.02 SHALL BE WAIVED.

WATERING AND MOWING PERMANENT SODDED AREAS

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER TO PROMOTE GROWTH AND TO CARE FOR THE PERMANENT SODDED AREAS, AS PER 660.08:

659 WATER	50 M. GAL.
659 MOWING	10 M. SQ. FT.

PAVEMENT

ITEM 451 - REINFORCED CONCRETE, AS PER PLAN

REINFORCED CONCRETE PAVEMENT SHALL MEET THE REQUIREMENTS OF ITEM 451 AND STANDARD DRAWING BP-4 WITH THE FOLLOWING EXCEPTIONS:

1. THE MAXIMUM SPACING BETWEEN CONTRACTION/EXPANSION JOINTS SHALL BE TWENTY-SEVEN (27) FEET.
2. ALL JOINTS SHALL BE SKEWED 4 FEET RIGHT FORWARD FOR A 24 FOOT WIDTH. DOWEL BARS SHALL BE INSTALLED PARALLEL TO THE LONGITUDINAL JOINT. TIE BARS INSTALLED ACROSS THE LONGITUDINAL JOINT SHALL BE PARALLEL TO THE SKEWED JOINT.
3. THE WIDTH OF THE CONTRACTION JOINTS SHALL BE 5/8" ± 1/16" AND THE MINIMUM DEPTH SHALL BE 2-1/4". PREFORMED ELASTIC JOINT SHALL BE USED AND SHALL MEET THE REQUIREMENTS OF 705.11 AND SHALL HAVE A MINIMUM WIDTH OF 1-1/4". DRAWINGS AND SPECIFICATIONS OF THE MATERIAL PROPOSED FOR USE SHALL BE SUBMITTED TO THE DIRECTOR FOR REVIEW AND APPROVAL.
4. DOWEL INSTALLING MACHINES WILL NOT BE PERMITTED ON THIS PROJECT.
5. MESH SHALL BE RECTANGULAR AND CENTERED IN EACH PANEL SO AS TO MAINTAIN A CLEARANCE OF 3 (±2) INCHES FROM THE END OF THE NEAREST DOWEL. THE MESH SHALL CONSIST OF W8.5 OR D8.5. LONGITUDINAL WIRES SPACED AT 6" CENTER TO CENTER AND W4 OR D4 TRANSVERSE WIRES SPACED AT 12" CENTER TO CENTER.
6. DOWELS SHALL BE EPOXY COATED AS PER 709.13. DOWEL ASSEMBLIES SHALL BE EPOXY COATED AS PER 709.00
7. REFER TO "MAINLINE PAVEMENT SURFACE SMOOTHNESS REQUIREMENTS" IN THE PROPOSAL.

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. PROVISION OF EXPANSION JOINTS AT ALL MAJOR STRUCTURES AND THE MAXIMUM SPACING BETWEEN CONTRACTION JOINTS SHALL, IN ALL CASES, BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWINGS AND THE SPECIFICATIONS.

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.

ITEM 304 - AGGREGATE BASE, AS PER PLAN

ITEM 310 - SUBBASE TYPE II, AS PER PLAN

MATERIALS FURNISHED FOR THESE ITEMS SHALL EXCLUDE ALL SLAG.