

**UTILITIES**

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

Ameritech  
13630 Lorain Ave. - 4th Floor  
Cleveland, Ohio 44111  
Phone: (216) 476-6142

Illuminating Co.  
7755 Auburn Road  
Painesville, OH 44077  
Phone: (440) 953-7751

Consumers Ohio Water  
Lake Erie Division  
8644 Station St.  
Mentor, Ohio 44060  
Phone: (440) 255-3421

TCI  
7757 Auburn Rd., suite 8  
Painesville, Ohio 44077  
Phone: (440) 354-0030

Media One  
7820 Division Dr.  
Mentor, Ohio 44060  
(440) 974-3401

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS WERE OBTAINED BY FIELD SURVEY.

**ROUNDING**

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLY TO ALL CROSS-SECTIONS EVEN THOUGH OTHERWISE SHOWN.

**CONTINGENCY QUANTITIES**

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK 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 FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

**EXISTING TYPICAL SECTIONS**

EXISTING TYPICAL SECTIONS HAVE BEEN TAKEN FROM THE RECORDS AND ARE BELIEVED TO REPRESENT THE EXISTING PAVEMENT CONDITIONS, BUT THE STATE OF OHIO WILL NOT GUARANTEE THE ACCURACY OF THE SAME.

**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 THE CONTRACT. NO WAIVER OF ANY PROVISIONS OF 105.07 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS IS INTENDED.

**ELEVATION DATUM**

ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM.

**WORK LIMITS**

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

**CONVERSION OF STANDARD CONSTRUCTION DRAWINGS**

THE METRIC STANDARD DRAWINGS REFERENCED IN THIS PLAN SHALL BE CONVERTED TO ENGLISH UNITS USING THE SI (METRIC) TO ENGLISH CONVERSION FACTORS PROVIDED IN SECTION 109.011 OF THE 1997 CONSTRUCTION AND MATERIALS SPECIFICATIONS. THE APPENDIX OF ASTM E 380 SHALL BE UTILIZED FOR ANY ADDITIONAL CONVERSION FACTORS REQUIRED. CONVERSIONS SHALL BE APPROPRIATELY PRECISE AND SHALL REFLECT STANDARD INDUSTRY ENGLISH VALUES WHERE SUITABLE.

**CELLULAR PHONE**

THE CONTRACTOR SHALL PROVIDE TWO (2) CELLULAR PHONES FOR USE BY ODOT ENGINEERS/SUPERVISORS/INSPECTORS.

PAYMENT FOR ALL MATERIAL, LABOR AND EQUIPMENT, INSTALLATION AND MAINTENANCE INCLUDING SERVICE SHALL BE MADE AT THE CONTRACT BID PRICE FOR ITEM SPECIAL-CELLULAR PHONE

SPEC, CELLULAR PHONE 2 EA.

**CLEARING AND GRUBBING**

ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNDER THE LUMP SUM BID FOR ITEM 201, CLEARING AND GRUBBING. THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS TO BE REMOVED.

SIZES	NO. TREES	NO. STUMPS	TOTAL
18"	12	0	12
30"	5	0	5
48"	1	0	1

**MONUMENTS**

MONUMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS AS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN ON SHEET NO. 142-144 .

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

604, MONUMENT ASSEMBLY 13 EACH

**ITEM 203 - PROOF ROLLING**

AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN PROVIDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE ENGINEER.

203, PROOF ROLLING 4 HOUR

**ITEM 202 - REMOVAL MISC.: CONCRETE HEADWALL AND DROP STRUCTURE**

THIS ITEM SHALL INCLUDE ALL WORK AND MATERIALS NECESSARY TO REMOVE AND DISPOSE OF AN EXISTING CONCRETE WEIR WALL, TRASH RACK/DROP STRUCTURE, AND HEADWALL AT STA. 24+80 CHILLICOTHE.

**TEMPORARY SOIL EROSION AND SEDIMENT CONTROL**

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE PLACED BY THE CONTRACTOR WITH THE ENGINEERS CONCURRENCE FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

877, TEMPORARY SEEDING AND MULCHING	20000 SQ. YD.
877, TEMPORARY PERIMETER FILTER FABRIC FENCE	200 LIN. FT.
877, TEMPORARY DITCH CHECK FILTER FABRIC FENCE	100 LIN. FT.
877, TEMPORARY INLET PROTECTION FILTER FABRIC FENCE	100 LIN. FT.
877, SEDIMENT REMOVAL	50 CU. YD.
870, COMMERCIAL FERTILIZER	0.05 TON
870, REPAIR SEEDING AND MULCHING	500 SQ. YD.
870, WATER	2.70 M. GAL.
601, ROCK CHANNEL PROTECTION, TYPE C WITH FABRIC FILTER	10 CU. YD.

**ITEM 448 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22, AS PER PLAN**

COARSE AGGREGATE FOR THIS ITEM SHALL BE LIMITED TO AIR COOLED BLAST FURNACE SLAG OR LIMESTONE.

**ITEM 304 - AGGREGATE BASE, AS PER PLAN**

THE ONLY SLAG MATERIALS PERMITTED FOR THIS ITEM SHALL BE CRUSHED AIR-COOLED BLAST FURNACE SLAG, A MIXTURE OF CRUSHED AND GRANULATED SLAGS, OR OPEN HEARTH SLAG FROM APPROVED SOURCES ON FILE AT THE LABORATORY.

ALL MATERIALS OR BLENDED MATERIALS SHALL MEET THE GRADATION REQUIREMENTS OF 304.02.

ANY GRANULATED SLAG MATERIAL USED SHALL MEET THESE GRADATION REQUIREMENTS IN LIEU OF 703.08.

**ITEM 605 - AGGREGATE DRAINS**

AGGREGATE DRAINS SHALL BE INSTALLED ON CHILLICOTHE AS DESCRIBED IN THIS NOTE. AGGREGATE DRAINS ON BALDWIN SHALL BE INSTALLED ACCORDING TO THE NOTE SHOWN ON THE BALDWIN TYPICAL SECTION.

AGGREGATE DRAINS SHALL BE PLACED AT 50 FOOT INTERVALS ON EACH SIDE OF NORMAL CROWNED SECTIONS, STAGGERED SO THAT EACH DRAIN IS 25 FEET FROM THE ADJACENT DRAIN ON THE OPPOSITE SIDE, AND AT 25 FOOT INTERVALS ON THE LOW SIDE ONLY OF SUPERELEVATED SECTIONS. AN AGGREGATE DRAIN SHALL BE PLACED AT THE LOW POINT OF EACH SAG VERTICAL CURVE.

**EROSION CONTROL**

ITEMS 601 AND 670 ARE PROVIDED IN THE PLANS FOR EROSION CONTROL. ROCK OF A STABLE NATURE SHALL NOT BE REMOVED IN ORDER TO PLACE ANY OF THESE ITEMS. THE ENGINEER SHALL CHECK AND NON-PERFORM QUANTITIES OR ADJUST LOCATIONS AND QUANTITIES OF THESE ITEMS WHERE INDICATED BY FIELD CONDITIONS DURING CONSTRUCTION. IN ADDITION, THESE ITEMS SHALL MEET THE REQUIREMENT OF 108.04.

**SLOPE EROSION PROTECTION, AS PER PLAN**

THIS ITEM IS PROVIDED FOR USE ON 2:1 SLOPES AS DIRECTED BY THE ENGINEER. THE EROSION CONTROL BLANKET SHALL CONFORM TO THE REQUIREMENTS OF SECTION 673.02, TYPE E OF THE CMS.

670, SLOPE EROSION PROTECTION, AS PER PLAN 600 SQ. YD.