

# GENERAL NOTES

## UTILITIES

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THE PROJECT. THE OHIO DEPARTMENT OF TRANSPORTATION HAS USED THE BEST AVAILABLE INFORMATION TO DETERMINE THE UTILITY COMPANIES SERVING THIS AREA, BUT CAN NOT GUARANTEE THE UTILITY COMPANY LIST IS COMPLETE.

1. AMERITECH  
13630 LORAIN AVE. RM 400  
CLEVELAND, OH. 44111  
216-587-6206
2. CLEVELAND ELECTRIC ILLUMINATING CO.  
6898 MILLER ROAD, SUITE 101  
BRECKSVILLE, OH. 44141  
440-546-8748
3. MEDIA ONE CABLE  
7820 DIVISION DRIVE  
MENTOR, OHIO 44060  
440-953-0423
4. EAST OHIO GAS CO.  
1201 EAST 55th ST.  
CLEVELAND, OH. 44103  
216-736-6675
5. LAKE COUNTY DEPT. OF UTILITIES  
ADMINISTRATION BLDG.  
105 MAIN STREET  
PAINESVILLE, OH. 44077  
216-664-3247
6. LAKETRAN  
200 OLIVE ST.  
PO BOX 450  
GRAND RIVER, OH. 44045
7. CITY OF MENTOR - PUBLIC WORKS DEPT.  
8500 CIVIC CENTER BLVD.  
MENTOR, OH. 44060  
216-974-5785
8. CONSUMERS OHIO WATER CO.  
8644 STATION ST.  
PO BOX 960  
MENTOR, OH. 44061-0960  
216-255-3421

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS REQUIRED BY SECTION 153.64 O.R.C.

## 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 & QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

## CONSTRUCTION NOISE

ACTIVITIES & LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, ANY POWER-OPERATED CONSTRUCTION-TYPE DEVICE SHALL NOT BE OPERATED BETWEEN THE HOURS OF 9pm AND 7am. IN ADDITION, ANY SUCH DEVICE SHALL NOT BE OPERATED AT ANY TIME IN SUCH A MANNER THAT NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY & NECESSARY ATTENDANT REASONABLE TO THE EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

## ELEVATION DATUM

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

## WORK LIMITS

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

## ALLOWABLE AMOUNT OF DISTURBED WORK AREA

THE CONTRACTOR SHALL COMPLETE FINISH GRADING & INCORPORATE ALL TEMPORARY AND/OR PERMANENT EROSION CONTROL MEASURES INTO THE PROJECT AT THE EARLIEST PRACTICABLE TIME. THE AMOUNT OF SURFACE AREA WITHIN THE PROJECT LIMITS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL NOT EXCEED 175,000 SQUARE FEET AT ANY TIME.

## MAINTENANCE OF SURFACE DRAINAGE

DURING THE PROCESS OF ALL OPERATIONS, CONTRACTOR SHALL MAINTAIN ALL ROADWAY AREAS IN A SMOOTH CONDITION TO PREVENT PONDING OF WATER & WILL BE WELL DRAINED AT ALL TIMES TO PROTECT THE PROPOSED PAVEMENT SUBGRADE AREA FROM BECOMING SATURATED AND/OR UNSTABLE.

## STORAGE OF MATERIALS

CONTRACTOR MAY ONLY STORE MATERIALS WHICH WILL BE INCORPORATED IN THE WORK WITHIN FIVE (5) WORKING DAYS OF DELIVERY IN APPROVED PORTIONS OF THE RIGHT-OF-WAY. ALL MATERIALS RECEIVED BY THE CONTRACTOR AT THE SITE WHICH WILL NOT BE INCORPORATED IN THE WORK WITHIN FIVE (5) WORKING DAYS OF DELIVERY SHALL BE STORED AT A STORAGE SITE PROVIDED BY THE CONTRACTOR AT HIS EXPENSE IN ACCORDANCE WITH ITEM 106.06. THE CONTRACTOR SHALL PROVIDE EVIDENCE OF OBTAINING THE NECESSARY PERMITS AND/OR WRITTEN PERMISSION TO USE PROPERTY FOR MATERIAL STORAGE FROM THE PROPERTY OWNER.

## COOPERATION BETWEEN CONTRACTORS

THE CONTRACTOR SHALL COOPERATE & 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 & MATERIAL SPECIFICATIONS IS INTENDED.

## PROGRESS SCHEDULE (CRITICAL PATH METHOD)

THE PRE-CONSTRUCTION MEETING SHALL BE HELD NO LATER THAN 30 CALENDAR DAYS AFTER THE CONTRACT IS SIGNED. THE CONTRACTOR SHALL SUBMIT THEIR PROPOSED CPM SCHEDULE AT THE PRE-CONSTRUCTION MEETING FOR REVIEW BY THE CONSTRUCTION ENGINEER. WRITTEN COMMENTS REGARDING THE CPM SCHEDULE WILL BE FORWARDED TO THE CONTRACTOR BY THE CONSTRUCTION ENGINEER WITHIN 14 CALENDAR DAYS AFTER THE PRE-CONSTRUCTION MEETING.

A FINAL CPM SCHEDULE SHALL BE SUBMITTED TO THE CONSTRUCTION ENGINEER WITHIN 30 CALENDAR DAYS FROM THE DATE OF THE PRE-CONSTRUCTION MEETING BUT AT LEAST SEVEN (7) CALENDAR DAYS PRIOR TO THE DATE DESIGNATED AS THE STARTING DATE IN THE CPM SCHEDULE. THE SCHEDULE SHALL BE SIGNED AND DATED BY THE PRIME CONTRACTOR AND NAMED SUBCONTRACTORS.

## ADJUSTMENTS IN CONTRACT TIME

TIME EXTENSIONS WILL ONLY BE CONSIDERED WHEN CONTROLLING ITEMS OF WORK ON THE APPROVED CPM SCHEDULE ARE AFFECTED DUE TO NO FAULT OF THE CONTRACTOR.

WHEN ADDITIONAL WORK IS REQUIRED, TIME EXTENSIONS WILL ONLY BE GRANTED FOR CONTROLLING ITEMS ON THE CPM SCHEDULE.

## PROJECT PROGRESS MEETINGS

PROGRESS MEETINGS WILL BE HELD EVERY FOUR (4) WEEKS AT THE PROJECT OFFICE, OR OTHER LOCATION DESIGNATED BY THE CONSTRUCTION ENGINEER, AND ATTENDED BY O.D.O.T., CITY, AND CONTRACTOR DECISION-MAKING PERSONNEL.

THE PURPOSE OF THESE MEETINGS WILL BE TO DISCUSS CRITICAL OPERATIONS AND POTENTIAL PROBLEMS. THE CONTRACTOR WILL CONFIRM THE NUMBER AND DURATION OF WORK SHIFTS, NUMBER OF WORK CREWS, AND SPECIFIC PORTIONS OF THE WORK TO BE PERFORMED DURING THE FOLLOWING WEEKS.

THESE MEETINGS CAN ONLY BE WAIVED BY THE CONSTRUCTION ENGINEER.

## COUNTY SIREN POLE

A LAKE COUNTY SIREN POLE #196351 IS PRESENT ALONG STATE ROUTE 84 AT STATION 155+05 RIGHT. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NOT TO DISTURB THIS POLE BY PROPOSED DRAINAGE CONSTRUCTION ADJACENT TO THE POLE AREA.

## ITEM 806 - FIELD OFFICE, TYPE C, AS PER PLAN

THREE (3) OUTSIDE TELEPHONE LINES SHALL BE PROVIDED AND ASSIGNED AS LISTED BELOW:

- LINE 1 - FACSIMILE MACHINE & ONE PHONE
- LINE 2 - COMPUTER MODEM
- LINE 3 - RECORDED ANSWERING DEVICE & PHONES (3)

IN ADDITION TO THE REQUIREMENTS STATED IN THE SPECIFICATIONS, THE FOLLOWING EQUIPMENT SHALL BE INCLUDED FOR PAYMENT UNDER THIS ITEM: THREE CELLULAR PHONES (WITH SEPARATE LINE FOR EACH PHONE) FOR USE AS DIRECTED BY THE ENGINEER. PLEASE NOTE THAT THIS IS IN ADDITION TO THE REQUIREMENTS OF 806.02.

## ROADWAY

### ITEM 201 - CLEARING AND GRUBBING

ALL TREES & 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 & PRESERVATION WORK IS INDICATED ELSEWHERE IN THESE PLANS SHALL NOT BE REMOVED. ALL TREES AND STUMPS REMOVED UNDER ITEM 201 - CLEARING AND GRUBBING SHALL BE DISPOSED OF OUTSIDE THE CITY LIMITS OF MENTOR.

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.

THE FOLLOWING IS AN APPROXIMATE ESTIMATE OF THE NUMBER OF TREES AND STUMPS GREATER THAN 12" IN DIAMETER TO BE REMOVED:

SIZES:	NO. OF TREES:	NO. OF STUMPS
18"	18	2
30"	24	4
48"	4	2
TOTAL	46	8

### ITEM 663 - DECIDUOUS TREE, 4" CALIPER, AS PER PLAN PACIFIC SUNSET MAPLE

#### CITY ADMINISTRATOR

THE CITY'S REPRESENTATIVE THAT WILL ADMINISTER THE FOLLOWING TECHNICAL ASPECTS OF THIS TREE PLANTING CONTRACT ARE:

WAYNE CHUNAT  
PARKS SUPERINTENDENT  
CITY OF MENTOR  
8500 CIVIC CENTER BLVD  
255-1100 EXT: 2400

ACRT, INC.  
P.O. BOX 219  
227 N. DEPEYSTER ST.  
KENT, OHIO 44240  
1-800-622-2562  
ATTN: BEN ASKREN

#### MATERIALS SPECIFICATION

ALL TREES HEALTHY, VIGOROUS AND WELL-GROWN, SHOWING EVIDENCE OF PROPER ROOT AND TOP PRUNING, SINGLE TRUNKED, HIGH BRANCHED SPECIMENS SUITABLE FOR USE ALONG STREETS. THE ROOT COLLAR SHALL SHOW AT THE TOP OF THE ROOT BALL. ALL TREES ARE TO BE GROWN AT LEAST ONE YEAR IN A CURRENTLY ACTIVE NURSERY HAVING SAME CLIMATIC CONDITIONS AS MENTOR. ALL TREES MEET ANSI Z60.1-1986 STANDARDS FOR TOP GRADE. LABEL ATTACHED TO EACH TREE INDICATING BOTANICAL NAME AND COMMON NAME. ALL TREES SHALL BE BALLED AND BURLAPPED WITH BALL SHAPE AND SIZE CONFORMING TO ANSI Z60.1-1986 STANDARDS. TRUNK OF TREE WILL SHOW FLARING WHERE ROOT COLLAR AND ROOT BALLS CONNECT. ONLY ROTTABLE BURLAP AND ROTTABLE ROPE PERMITTED. ROOT BALLS TO BE ADEQUATELY PROTECTED AT ALL TIMES FROM SUN, HEAT, FREEZING AND DRYING. CITY ADMINISTRATOR WILL REJECT ANY CRACKED OR MANUFACTURED ROOT BALLS. MULCH SHALL BE YEAR OLD ROUGH SHREDDED BARK WOOD CHIPS CREATED BY LOCAL TREE SERVICE COMPANIES DURING BRUSH CHIPPING OPERATIONS. A WEED BARRIER OR WEED MAT WILL BE PLACED AROUND THE PLANTING PIT, OVER THE BACKFILL AND UNDER THE MULCH. TREES SHALL BE STAKED, UNLESS NOTIFIED BY THE CITY ADMINISTRATOR. BACKFILL SHALL INCORPORATE A WATER ABSORBING MATERIAL SUCH AS HYDROPHILLIC POLYMERS.