

GENERAL

A PRECONSTRUCTION CONFERENCE SCHEDULED BY THE CITY OF MENTOR ENGINEER SHALL BE HELD PRIOR TO ANY WORK STARTING. IN ADDITION, THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE MENTOR CITY ENGINEER, THE LAKE COUNTY SANITARY ENGINEER AND CONSUMERS OHIO WATER COMPANY PRIOR TO BEGINNING WORK TO ARRANGE FOR INSPECTION.

THE STANDARD SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION, 1997 EDITION, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND DRAWINGS, SHALL GOVERN THIS PROJECT. FOR PURPOSES OF THIS PLAN, REFERENCES TO DIRECTOR OR ENGINEER SHALL BE CONSTRUED TO MEAN THE MENTOR CITY ENGINEER AND/OR HIS REPRESENTATIVE.

ALL WORK CONTEMPLATED SHALL BE GOVERNED BY THE RULES, REGULATIONS AND SPECIFICATIONS OF THE CITY OF MENTOR ENGINEER, THE LAKE COUNTY SANITARY ENGINEER AND CONSUMERS OHIO WATER COMPANY AND AT ALL TIMES BE SUBJECT TO THEIR DIRECT SUPERVISION AND INSPECTION.

ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL COMPLY WITH THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

MATERIAL TESTING AND PERMITS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL MATERIAL AND EQUIPMENT TESTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THIS PROJECT. THE CITY OF MENTOR WILL PROVIDE SUBGRADE COMPACTION TESTING AND CONCRETE QUALITY CONTROL TESTING WHICH WILL BE PAID FOR BY THE OWNER. THE EXECUTED PROJECT CONTRACT SHALL SERVE TO FULFILL THE CITY OF MENTOR'S PERMITTING REQUIREMENTS.

CLEARING AND GRUBBING

ALL TREES, STUMPS, ROOTS AND DEBRIS REMOVED FROM THE WORK LIMITS SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE AT A LOCATION ACCEPTABLE TO THE ENGINEER.

UTILITIES

THE LOCATION OF ALL EXISTING UTILITY FACILITIES ARE SHOWN ON THE PLANS FROM DATA AVAILABLE AT THE TIME OF THE FIELD SURVEY IN ACCORDANCE WITH SECTION 153.64 OF THE OHIO REVISED CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF THE EXISTING UTILITY OWNERS AND UTILITY PROTECTION SERVICE LISTED BELOW IN ACCORDANCE WITH SECTION 154.64 OF THE ORC AND AS OUTLINED IN THE PROJECT SPECIFICATIONS.

THE UTILITY OWNERSHIPS ARE AS FOLLOWS:

- OHIO UTILITY PROTECTION SERVICE
106 WEST RYAN, ROOM 427
YOUNGSTOWN, OHIO 44051
PHONE: (800) 362-2746
- CITY OF MENTOR SERVICE DEPARTMENT
8500 CIVIC CENTER BOULEVARD
MENTOR, OHIO 44060
PHONE: (440) 255-1100
- THE ILLUMINATING CO.
6896 MILLER ROAD
BRECKSVILLE, OHIO 44141
PHONE: (440) 546-8748
- AMERITECH
13630 LORAIN AVE. ROOM 400
CLEVELAND, OHIO 44111
PHONE: (216) 476-6142
- THE EAST OHIO GAS CO.
1201 EAST 55TH STREET
CLEVELAND, OHIO 44103
PHONE: (216) 432-6803
- CONSUMERS OHIO WATER CO.
8644 STATION STREET
MENTOR, OHIO 44060
PHONE: (440) 255-3421
- MEDIA ONE
7820 DIVISION DRIVE
MENTOR, OHIO 44060
PHONE: (440) 974-3401
- LAKE COUNTY UTILITIES DEPT.
105 MAIN STREET
PAINESVILLE, OHIO 44077
PHONE: (440) 350-2645

THE OWNER OF THE UNDERGROUND UTILITY FACILITY SHALL, WITHIN 48 HOURS, EXCLUDING SATURDAY, 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 (2) DAYS AHEAD OF THE PLANNED CONSTRUCTION.

EXISTING WATER MAIN FACILITIES

THE CONSUMERS OHIO WATER COMPANY (COWC) SHALL BE RESPONSIBLE FOR ALL RELOCATIONS OF THEIR WATER MAIN FACILITIES REQUIRED, INCLUDING HYDRANT AND VALVE RELOCATIONS AND VALVE BOX ADJUSTMENT TO GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH COWC SO THAT COMPLETION OF HIS WORK IS NOT DELAYED BY THE COWC WORK. THE CONTRACTOR SHALL NOTIFY COWC AT LEAST 48 HOURS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THEIR SYSTEM.

EXISTING AND PROPOSED SANITARY SEWER FACILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATING, ADJUSTMENTS OR ADDITIONS TO THE EXISTING SANITARY SEWER FACILITIES AS CALLED FOR ON THE PLANS, INCLUDING ALL COSTS ASSOCIATED WITH INSPECTION OF SANITARY SEWER FACILITIES. THE CONTRACTOR SHALL NOTIFY THE LAKE COUNTY UTILITIES DEPARTMENT AT LEAST 48 HOURS IN ADVANCE OF ANY WORK IN THEIR SYSTEM.

ALL SANITARY SEWER AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RULES, STANDARDS AND SPECIFICATIONS OF THE LAKE COUNTY UTILITIES DEPARTMENT AND SHALL BE REVIEWED, TESTED AND APPROVED BY THE LAKE COUNTY UTILITIES DEPARTMENT.

ANY WORK DONE TO THE SANITARY SEWER SYSTEM MUST BE DONE BY A CONTRACTOR LICENSED BY THE LAKE COUNTY UTILITIES DEPARTMENT.

CONTRACTORS RESPONSIBILITY FOR UTILITY PROPERTY AND SERVICES

AT POINTS WHERE THE CONTRACTOR'S OPERATIONS ARE ADJACENT TO PROPERTIES OF TELEGRAPH, TELEPHONE AND POWER COMPANIES, OR ARE ADJACENT TO OTHER PROPERTY, DAMAGE TO WHICH MIGHT RESULT IN CONSIDERABLE EXPENSE, LOSS, OR INCONVENIENCE, WORK SHALL NOT BE COMMENCED UNTIL ALL ARRANGEMENTS NECESSARY FOR THE PROTECTION THEREOF HAVE BEEN MADE.

THE CONTRACTOR SHALL COOPERATE WITH THE OWNERS OF ANY UNDERGROUND OR OVERHEAD UTILITY LINES IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS MAY PROGRESS IN A REASONABLE MANNER, THAT DUPLICATION OF REARRANGEMENT WORK MAY BE REDUCED TO A MINIMUM, AND THAT SERVICES RENDERED BY THOSE PARTIES WILL NOT BE UNNECESSARILY INTERRUPTED.

IN THE EVENT OF INTERRUPTION TO UNDERGROUND OR OVERHEAD UTILITY SERVICES AS A RESULT OF ACCIDENTAL BREAKAGE OR AS A RESULT OF BEING EXPOSED OR UNSUPPORTED, THE CONTRACTOR SHALL IMMEDIATELY ALERT THE OCCUPANTS OF NEARBY PREMISES AS TO ANY EMERGENCY AND/OR INTERRUPTION OF SERVICE THAT THE CONTRACTOR MAY CREATE OR DISCOVER AT OR NEAR SUCH PREMISES. THE CONTRACTOR SHALL THEN NOTIFY THE ENGINEER AND THE OWNER OR OPERATOR OF THE UTILITY FACILITY OF THE DISRUPTION AND SHALL COOPERATE WITH SAID UTILITY OWNER OR OPERATOR IN THE RESTORATION OF SERVICE. IF WATER SERVICE IS INTERRUPTED, REPAIR WORK SHALL BE CONTINUOUS UNTIL THE SERVICE IS RESTORED. NO WORK SHALL BE UNDERTAKEN AROUND FIRE HYDRANTS UNTIL PROVISIONS FOR CONTINUED SERVICE HAVE BEEN APPROVED BY THE LOCAL FIRE AUTHORITY.

PROTECTION AND RESTORATION OF PROPERTY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC AND PRIVATE PROPERTY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PROPERTY AND/OR PERSONS DURING THE PROSECUTION OF THE WORK, RESULTING FROM ANY ACT, OMISSION, NEGLIGENCE OR MISCONDUCT IN HIS MANNER OR METHOD OF EXECUTING THE WORK, OR AT ANY TIME DUE TO DEFECTIVE WORK OR MATERIALS, AND SAID RESPONSIBILITY WILL NOT BE RELEASED UNTIL THE PROJECT SHALL HAVE BEEN COMPLETED AND ACCEPTED.

DUST NUISANCE ORIGINATING FROM ANY OPERATIONS EITHER INSIDE OR OUTSIDE THE RIGHT-OF-WAY SHALL BE CONTROLLED BY THE CONTRACTOR IN ACCORDANCE WITH LOCAL ORDINANCES AND REGULATIONS AT THE SOLE EXPENSE OF THE CONTRACTOR.

WHEN OR WHERE ANY DIRECT OR INDIRECT DAMAGE OR INJURY IS DONE TO PUBLIC OR PRIVATE PROPERTY BY OR ON ACCOUNT OF ANY ACT, OMISSION, NEGLIGENCE OR MISCONDUCT IN THE EXECUTION OF THE WORK, OR IN CONSEQUENCE OF THE NONEXECUTION THEREOF BY THE CONTRACTOR, HE SHALL RESTORE, AT HIS OWN EXPENSE, SUCH PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE OR INJURY WAS DONE BY REPAIRING, REBUILDING OR OTHERWISE RESTORING AS MAY BE DIRECTED, OR SHALL MAKE GOOD SUCH DAMAGE OR INJURY IN AN ACCEPTABLE MANNER.

WHEN MAIL BOXES, ROAD OR STREET NAME SIGNS AND SUPPORTS INTERFERE WITH CONSTRUCTION, THE CONTRACTOR SHALL REMOVE AND ERECT THEM IN A TEMPORARY LOCATION DURING CONSTRUCTION IN A MANNER SATISFACTORY TO AND AS DIRECTED BY THE ENGINEER. AFTER COMPLETION OF THE CONSTRUCTION AND BEFORE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL ERECT THE MAIL BOXES, ROAD OR STREET NAME SIGNS AND SUPPORTS IN THEIR ORIGINAL LOCATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR CLEARING AND GRUBBING.

USE OF PRIVATE PROPERTY

THE CONTRACTOR CAN USE PRIVATE PROPERTY FOR THE STORAGE OF EQUIPMENT AND MATERIALS ONLY WITH A WRITTEN AGREEMENT WITH THE PROPERTY OWNER. THE CONTRACTOR SHALL PROVIDE THIS AGREEMENT TO THE ENGINEER PRIOR TO ANY USE OF PRIVATE PROPERTY.

REMOVAL ITEMS

ALL ITEMS NOTED ON THE PLANS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN AN APPROPRIATE MANNER BY THE CONTRACTOR UNLESS OTHERWISE NOTED.

SUBSURFACE INVESTIGATIONS

IT IS THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL. NO SUBSURFACE SOIL INVESTIGATIONS OR BORINGS WERE PERFORMED FOR THIS PROJECT TO DATE.

CONNECTION TO EXISTING PIPE

WHERE THE PLANS PROVIDE FOR PROPOSED CONDUIT TO BE CONNECTED TO OR TO CROSS EITHER OVER OR UNDER AN EXISTING PIPE, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE, BOTH AS TO LINE AND GRADE, AND ADJUST LINE AND/OR GRADE AS NECESSARY BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT CONDUIT ITEM.

TEMPORARY MAILBOX RELOCATION

WHEN CONSTRUCTION OPERATIONS INTERFERE WITH THE U.S. POSTAL DEPARTMENT'S DELIVERY OF THE MAIL, THE CONTRACTOR, IN ORDER TO INSURE UNINTERRUPTED MAIL DELIVERY, SHALL PROVIDE, ERECT AND PROPERLY MARK TEMPORARY MAIL BOXES IN A TEMPORARY LOCATION IN A MANNER SATISFACTORY TO AND AS DIRECTED BY THE ENGINEER. THE COST FOR ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY TO INSURE UNINTERRUPTED MAIL DELIVERY SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

DRIVEWAY, SIDEWALK AND ROADWAY PAVEMENT INSTALLATION

ALL PAVEMENT INSTALLATION SHOULD BE CONDUCTED UNDER SUITABLE WEATHER CONDITIONS. THE ENGINEER SHOULD BE NOTIFIED IN ADVANCE OF ANY PROPOSED PAVEMENT INSTALLATION TO DETERMINE THE SUITABILITY OF WEATHER CONDITIONS FOR PAVEMENT INSTALLATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL ROADWAYS AND DRIVES PRIOR TO FINAL INSTALLATION. THE COST OF ANY TEMPORARY SURFACE MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE ITEM OF WORK.

PROOF ROLLING PRIOR TO PAVEMENT WIDENING AND DRIVEWAY REPLACEMENT

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING A MINIMUM OF TWO (2) PROOF ROLLINGS, AS DIRECTED BY THE ENGINEER, PRIOR TO PAVING. THE FIRST PROOF ROLLING SHALL BE PERFORMED AFTER THE INSTALLATION OF THE UNDERGROUND IMPROVEMENTS AND ROUGH GRADING HAS BEEN COMPLETED. AFTER FINE GRADING, JUST PRIOR TO PAVING, THE SUBGRADE SHALL BE PROOF ROLLED AGAIN.

PROOF ROLLING EQUIPMENT SHALL CONSIST OF A SINGLE UNIT, TANDEM AXLE DUMP TRUCK CAPABLE OF BEING LOADED TO 30,000 POUND AXLE LOAD, 60,000 POUNDS GVW. TIRE PRESSURE SHALL BE MAINTAINED AT 90 PSI. LOADING, AS DIRECTED BY THE ENGINEER, SHALL BE VERIFIED BY A CERTIFIED WEIGHT SLIP. THE EQUIPMENT SHALL BE OPERATED AT A SPEED NOT GREATER THAN FIVE (5) MPH NOR LESS THAN TWO (2) MPH. MAXIMUM SPACING BETWEEN PASSES SHALL NOT EXCEED SIX (6) FEET.

MOISTURE CONTENT OF THE SUBGRADE AT THE TIME OF PROOF ROLLING SHALL CONFORM TO SECTION 203.11 OF THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, 1995 EDITION.

WHERE THIS OPERATION SHOWS THE SUBGRADE TO BE UNSTABLE OR TO HAVE NON-UNIFORM STABILITY, THE CONTRACTOR SHALL CORRECT THE UNSTABLE AREAS AS DIRECTED BY THE ENGINEER. THE FOLLOWING ITEMS ARE INCLUDED IN THE BID PROPOSAL AS CONTINGENCY ITEMS FOR USE AS DIRECTED BY THE ENGINEER TO PROVIDE A STABLE SUBGRADE:

- ITEM 203 - EXCAVATION (CONTINGENCY FOR UNDERCUT) 400 C.Y.
- ITEM 304 - AGGREGATE BASE (CONTINGENCY FOR UNDERCUT) 400 C.Y.
- ITEM SPEC. - GEOTEXTILE FABRIC, TYPE "D" PER 712.09 800 S.Y.
(CONTINGENCY FOR UNDERCUT)

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE (1) SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED IN ACCORDANCE WITH ODOT ITEM 614 AT ALL TIMES. PLACEMENT OF PROPOSED SUBGRADE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND THE EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH OPEN AT ANY ONE (1) TIME SHALL BE HELD TO A MINIMUM (SEE SCHEDULE OF CONSTRUCTION NOTE, SHEET 4) AND SHALL AT ALL TIMES BE SUBJECT TO THE APPROVAL OF THE ENGINEER. TRENCH EXCAVATIONS SHALL NOT REMAIN OPEN IN EXCESS OF TEN (10) CALENDER DAYS. TRENCHES LEFT OPEN IN EXCESS OF TEN (10) CALENDER DAYS SHALL BE BACKFILLED WITH STONE AT THE DIRECTION OF THE ENGINEER AND SHALL NOT RESULT IN ANY ADDITIONAL COSTS TO THE OWNER.

DRAINAGE OF ROADWAY AREA DURING CONSTRUCTION

THE CONTRACTOR SHALL BE REQUIRED DURING THE COURSE OF HIS WORK WITHIN AND ADJACENT TO THE EXISTING AND PROPOSED PAVEMENT AREAS TO MAINTAIN THE ROADWAY AREA IN SUCH CONDITION THAT IT WILL BE WELL DRAINED AND KEPT DRY AT ALL TIMES. THE SURFACE OF THE PAVEMENT SUBGRADE AND THE GROUND SURFACE ABOVE THE FINAL PAVEMENT SUBGRADE PRIOR TO EXCAVATING SHALL BE MAINTAINED IN A SMOOTH CONDITION TO PREVENT PONDING OF WATER AFTER RAINS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE THOROUGH DRAINAGE OF THE SUBGRADE SURFACE AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ADDITIONAL COSTS REQUIRED TO CORRECT POOR SUBGRADE CONDITIONS DUE TO HIS NEGLIGENCE IN PROPERLY MAINTAINING SUBGRADE DRAINAGE.

PAVEMENT SAW CUTTING

THE CONTRACTOR SHALL INCLUDE THE COST OF FULL DEPTH PAVEMENT SAW CUTTING IN THE UNIT BID PRICE FOR OTHER ITEMS AND WILL NOT BE PAID FOR SEPARATELY.

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REV. NO.	DESCRIPTION	DATE	BY	CHK'D.

**STATE ROUTE 84
INTERIM WIDENING & RESURFACING
IMPROVEMENTS**
CITY OF MENTOR, LAKE COUNTY, OHIO

DATE: JULY, 2000
DRAWN BY: J.J.C.
CHECKED BY: C.C.H.
APPROVED BY: C.C.H.
F.B. No. — PG. —

GENERAL NOTES

SCALE HOR. 1" = 20'	
VERT. —	
CONTRACT No. 00123	
SHEET NO. 2	OF 74