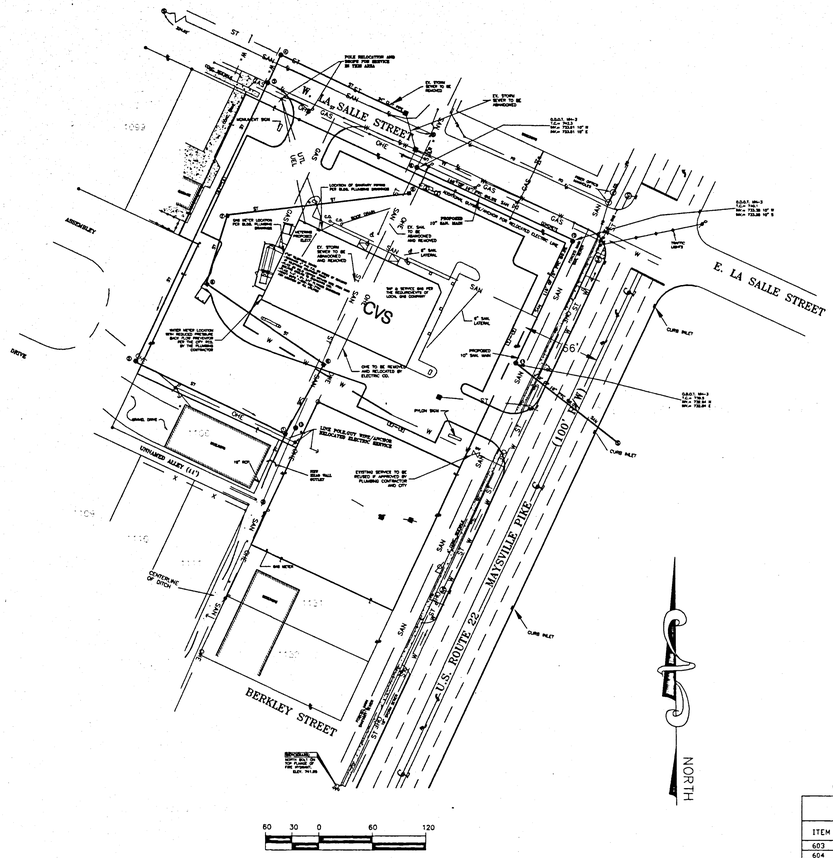


LEGEND

- PROPERTY LINE
- SANITARY SEWER(EXISTING)
- SANITARY SEWER
- STORM SEWER(EXISTING)
- STORM SEWER(PROPOSED)
- WATER LINE
- GAS LINE
- OVERHEAD ELECTRIC(EXISTING)
- OVERHEAD ELECTRIC(PROPOSED)
- UNDERGROUND ELECTRIC
- FIBER OPTIC LINE
- FENCE
- EX. CONTOURS (2' INTERVAL)
- MANHOLE (EXISTING)
- MANHOLE (PROPOSED)
- CATCH BASIN (EXISTING)
- CATCH BASIN (PROPOSED)
- FIRE HYDRANT
- UTILITY POLE
- LIGHT POLE
- WATER VALVE
- GAS VALVE
- TREE (8" OR LARGER)
- IRON PIN FOUND
- IRON PIN SET
- CENTERLINE
- RIGHT-OF-WAY
- EDGE OF PAVEMENT
- GUY WIRE
- MONITORING WELL
- DRAINAGE DITCH
- 742.6 PROPOSED GRADES

BENCHMARKS:

1) REFERENCE BENCHMARK: TOP OF A 5/8" REBAR AT PC STATION 521 + 79.98 (75' RT.), AS SHOWN ON MUS-C.R.-719, PLANS FOR 719 BYPASS (1988).

PLAN ELEV. 737.75

2) SITE BENCHMARK: TOP OF THE NORTH BOLT IN THE TOP FLANGE OF A FIRE HYDRANT LOCATED ON THE SOUTHWEST CORNER OF THE INTERSECTION OF W. BERKLEY STREET AND MAYSVILLE PIKE.

ELEV. 741.95

GENERAL NOTES

ALL PVC SEWER LINES SHALL BE DEFLECTION TESTED AFTER INSTALLATION, IN CONFORMANCE WITH THE REQUIREMENTS OF ITEM 901 OF THE CITY OF COLUMBUS, CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT VERSION.

ALL CONCRETE PIPE, STORM AND SANITARY SEWER STRUCTURES WILL BE STAMPED OR HAVE SUCH IDENTIFICATION NOTING THAT SAID PIPE, STORM AND SANITARY STRUCTURES HAVE BEEN INSPECTED BY THE VILLAGE OF SOUTH ZANESVILLE OR MUSKINGUM COUNTY AND MEETS THEIR SPECIFICATIONS. PIPE AND STRUCTURES WITHOUT PROPER IDENTIFICATION WILL NOT BE PERMITTED FOR INSTALLATION.

THE STATE OF OHIO CONSTRUCTION AND MATERIALS SPECIFICATIONS, DATED 1995, INCLUDING ALL SUPPLEMENTS THERETO, SHALL GOVERN THIS WORK EXCEPT AS SUCH SPECIFICATIONS ARE MODIFIED BY INDICATED NOTES OR DETAILS.

ANY MODIFICATIONS OR CHANGES TO THE WORK, AS SHOWN ON THE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE VILLAGE OF SOUTH ZANESVILLE.

ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED ON THIS PROJECT.

THE CONTRACTOR SHALL ENSURE THERE IS A SURVEYOR'S LEVEL AND ROD ON THE PROJECT FOR USE IN PERFORMING GRADE CHECKS WHENEVER SEWER LINE STRUCTURES OR PIPE ARE BEING INSTALLED. THE CONTRACTOR SHALL MAKE THIS EQUIPMENT AVAILABLE FOR THE USE OF AND ASSIST THE VILLAGE OR COUNTY INSPECTOR IN PERFORMING GRADE CHECKS WHEN REQUESTED BY THE VILLAGE OR COUNTY INSPECTOR. THE INSPECTOR WILL MAKE ALL REASONABLE ATTEMPTS TO CONFINE REQUESTS FOR ASSISTANCE IN PERFORMING GRADE TO TIMES CONVENIENT TO THE CONTRACTOR.

THESE CHECKS WILL BE PERFORMED TO ENSURE THE FOLLOWING:

1. PROPER PLACEMENT OF EACH STRUCTURE.
2. PROPER INSTALLATION OF INITIAL RUNS OF PIPE FROM A STRUCTURE.
3. GRADE, AFTER AN OVERNIGHT OR LONGER SHUTDOWN.
4. GRADE, AT ANY OTHER TIME THE INSPECTOR HAS REASON TO QUESTION GRADE OF INSTALLATION.

GRADE CHECKS PERFORMED BY THE VILLAGE OR COUNTY INSPECTOR IN NO WAY RELIEVE THE CONTRACTOR FOR THE ULTIMATE RESPONSIBILITY TO ENSURE CONSTRUCTION TO THE PLAN GRADE.

FLOW IN EXISTING SEWERS IS TO BE MAINTAINED AT ALL TIMES.

THE DEVELOPER/OWNER SHALL, PRIOR TO ANY CONSTRUCTION OPERATION, DEPOSIT WITH THE VILLAGE OF SOUTH ZANESVILLE AND OR MUSKINGUM COUNTY ANY ESTIMATED COSTS FOR INSPECTION.

THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL CALL TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (1-800-362-2764) 72 HOURS PRIOR TO CONSTRUCTION AND SHALL VERIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES.

ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION AND MAINTENANCE OPERATIONS (CURRENT EDITION). COPIES OF WHICH ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC, 25 SOUTH FRONT STREET, COLUMBUS, OHIO 43215.

THE SITE OWNER SHALL NOTIFY BOTH THE VILLAGE OF SOUTH ZANESVILLE AND MUSKINGUM COUNTY 48 HOURS PRIOR TO COMMENCEMENT OF INITIAL SITE LAND DISTURBANCE INCLUDING SITE CLEARING, GRUBBING, AND ANY EARTH MOVING. PRIMARY EROSION AND SEDIMENT CONTROL SHALL BE INPLACE BEFORE THE BEGINNING OF CONSTRUCTION ACTIVITY.

STANDARD DRAWINGS

THE STATE OF OHIO STANDARD DRAWINGS LISTED ON THIS PLAN SHALL BE CONSIDERED A PART THERE OF.

ODOT: MH-3(48" BASE)

ALL PERMANENT TRAFFIC CONTROLS NOT IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROLS SHALL BE MAINTAINED THROUGHOUT THIS PROJECT BY THE CONTRACTOR. PERMANENT TRAFFIC CONTROLS MAY BE TEMPORARILY RELOCATED, AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR MISSING, DAMAGED AND IMPROPERLY PLACED SIGNS.

ANY WORK DONE BY THE VILLAGE OF SOUTH ZANESVILLE, MUSKINGUM COUNTY AND/OR ODOT, INCLUDING INSTALLATION, RELOCATION, REMOVAL AND/OR REPLACEMENT OF PERMANENT TRAFFIC CONTROL DEVICES AS A RESULT OF WORK DONE BY THE CONTRACTOR OR AS A RESULT OF THE NEGLIGENCE OF THE CONTRACTOR SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

COST FOR REMOVAL AND DISPOSAL OF ANY TREES, BRUSH AND STUMPS SHALL BE INCLUDED IN PRICE BID FOR VARIOUS SANITARY SEWER ITEMS.

INVESTIGATION, LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS ITEMS.

ALL TRENCHES UNDER PAVEMENT WITHIN PUBLIC RIGHT-OF-WAY WILL REQUIRE THE USE OF COMPACTED GRANULAR MATERIAL AS PER ITEM 603 OF THE SPECIFICATIONS. THE MATERIAL SHALL EXTEND LATERALLY 36" BEYOND FACE OF CURB. THE FIRST 36" OF BACKFILL ABOVE THE TOP OF PIPE SHALL BE FILLED WITH A MATERIAL MEETING THE FOLLOWING GADATION.

SIEVE	PERCENTAGE
1-INCH	100
NO. 8	3-5

OR CONTROLLED DENSITY FILL AS PER ITEM 603 MAY BE USED AS AN ALTERNATE FOR THE FIRST 36" ABOVE TOP OF PIPE ELEVATION. FOR SEWERS DEEPER THAN 15 FEET AND CONSTRUCTED BETWEEN MAY 15 AND NOVEMBER 1, APPROVED MATERIAL EXCAVATED FROM TRENCH MAY BE USED FOR THE HALF OF THE TRENCH BACKFILL PROVIDED THE OWNER HIRES AN APPROVED TESTING LABORATORY TO TEST AND CERTIFY TO THE VILLAGE OF SOUTH ZANESVILLE, MUSKINGUM COUNTY AND AND/OR ODOT THAT THE COMPACTION MEETS THE REQUIREMENTS OF ITEM 603, COMPACED BACKFILL. ELSEWHERE WITHIN THE RIGHT-OF-WAY AND STORM SEWER CROSSINGS SHALL BE BACKFILLED AS PER ITEM 603.

AT ALL POINTS OF CROSSING WATER MAINS OR OTHER SEWERS, THE BACKFILL SHALL BE AS PER ITEM 603 BETWEEN THE DEEPER AND SHALLOWER PIPE.

COST FOR COMPACTED BACKFILL SHALL BE INCLUDED IN PRICE BID FOR ITEM 603.

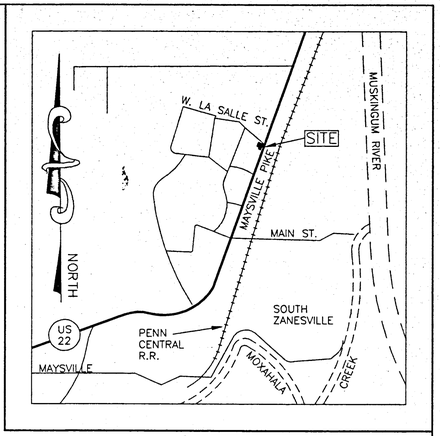
ALL ITEMS OF WORK, FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS INDICATED, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS ITEMS.

STEADY-BURNING TYPE "C" LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS, AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT. CONES ARE NOT APPROVED FOR USE AT NIGHT.

A FLASHING ARROW PANEL (48"x96"-TYPE "C") SHALL BE USED IN LANE CLOSURES IN ACCORDANCE WITH THE OHIO MANUAL.

ALL TRENCHES WITHIN THE ROAD RIGHT-OF-WAY SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS.

ALL TRAFFIC LANES SHALL BE FULLY OPEN TO TRAFFIC FROM 6:00 TO 9:00 A.M. AND 4:00 TO 6:00 P.M., MONDAY THROUGH FRIDAY ON MAYSVILLE PIKE AND W. LA SALLE STREET. 1 LANE MAY BE CLOSED TO TRAFFIC DURING WORKING HOURS.



LOCATION MAP

NOT TO SCALE

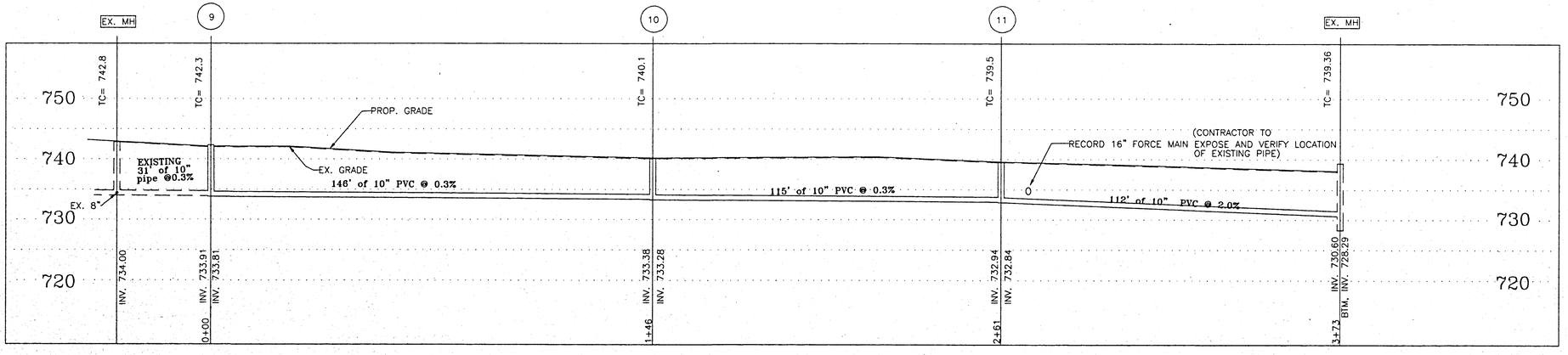
THESE MATERIALS GOVERNED BY THE CITY OF COLUMBUS CONSTRUCTION AND MATERIALS SPECIFICATIONS, 1996 EDITION.

ESTIMATE OF QUANTITIES

ITEM	QUANTITY	UNIT	DESCRIPTION
603	373	LF.	10" PVC PIPE W/ TYPE B BEDDING
604	4	EA	ODOT MH-3(48" BASE)

QUANTITIES SHOWN MAY NOT BE COMPLETE. ITEMS LISTED ARE FOR INFORMATION AND ARE ESTIMATES ONLY. THE CONTRACTOR SHALL CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND SHALL NOT RELY ON QUANTITIES LISTED OR NOT

UNDERGROUND UTILITIES
TWO WORKING DAYS
BEFORE YOU DIG
CALL 1-800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY



20 10 0 20 40

SCALE : 1" = 20' (H)
SCALE : 1" = 10' (V)

SANITARY SEWER PLAN & PROFILE FOR CVS CORPORATION

MAYSVILLE RD. & W. LA SALLE ST.
SOUTH ZANESVILLE
MUSKIGUM CO., OHIO

DATE: 03 FEBRUARY 1999
SCALE: 1" = 20' (H) 1" = 10' (V)

SHEET # C-6

SYSTEMS, LTD.
SURVEYORS ENGINEERS
(614) 891-4970

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