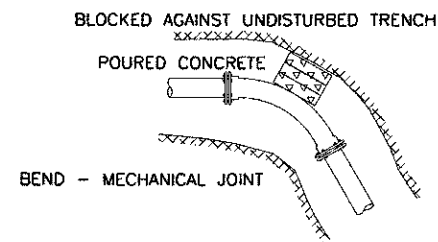


TEE-MECHANICAL JOINT

TEE-MECHANICAL JOINT



BEND - MECHANICAL JOINT

THRUST BLOCK INSTALLATIONS

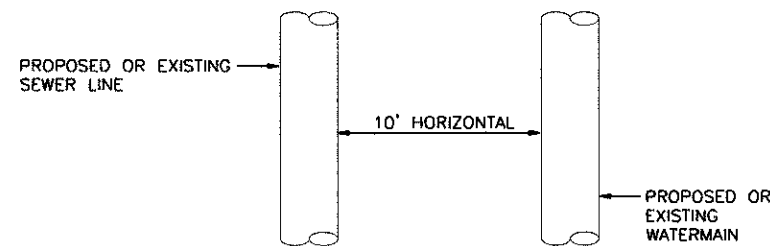
N.T.S.

SUGGESTED SEQUENCE OF CONSTRUCTION

- A. CONTRACTOR SHALL NOTIFY VILLAGE PERSONNEL 48 HOURS PRIOR TO EXPOSING OR CONNECTING TO EXISTING WATERMAIN.
- B. ONLY THE VILLAGE SHALL OPERATE VALVES.
- C. IF SERVICES WILL INTERRUPTED, NOTIFY OWNERS 48 HOURS PRIOR TO INTERRUPTIONS. MAXIMUM TIME OF ALLOWABLE SERVICE INTERRUPTIONS SHALL LAST BE COORDINATED WITH THE VILLAGE.
- D. THE FOLLOWING SEQUENCE IS SUGGESTED TO SHOW THE INTENT TO MINIMIZE TIME THE WATER MAIN IS OUT OF SERVICE. THE CONTRACTOR SHALL SUPPLY THEIR ACTUAL PROPOSED SEQUENCE OF CONSTRUCTION THAT MINIMIZES THE TIME OUT OF SERVICE AS REQUIRED, REVIEWED AND ACCEPTED BY THE VILLAGE. THE CONTRACTOR IS SOLEY RESPONSIBLE FOR MEAN AND METHODS.
 1. INSTALL PROPOSED WATER MAIN, CASING, FITTING AND APPURTENANCES ADJACENT TO EXISTING WATER MAIN.
 2. COORDINATE SHUT DOWN WITH VILLAGE.
 3. PREPARE FOR SHUTDOWN.
 4. SHUTDOWN WATER MAIN, INSTALL VALVES, INSTALL FIRE HYDRANT AND CONNECT TO EXISTING WATER MAIN.
 5. PRESSURE TEST NEW WATER MAIN TO PROPOSED VALVES.
 6. DISINFECT AND SAMPLE ALL WATER MAIN SHUT DOWN FOR THE INSTALLATION.
 7. ONCE PASSING, OPEN SYSTEM.

WATER MAIN NOTES

1. WATER MAIN CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE VILLAGE OF LAKE VILLAGE STANDARDS, STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, SIXTH EDITION AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. SEPARATION REQUIREMENTS SHALL BE PER THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, SIXTH EDITION.
3. CONTRACTOR SHALL INVESTIGATE EXISTING UTILITIES PRIOR TO INSTALLATION OF WATER MAIN. SHOULD THE CONTRACTOR NOTE ANY UTILITY CONFLICTS NOT IDENTIFIED IN THE DRAWINGS, HE SHALL NOTIFY THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
4. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ARRANGE TO HAVE ALL UNDERGROUND UTILITIES INCLUDING WATER, GAS, ELECTRIC, STORM SEWER, SANITARY SEWER, TELEPHONE AND CABLE TV LOCATED AND SUITABLY MARKED. SHOULD A UTILITY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION, THE ENGINEER SHALL BE NOTIFIED AT ONCE. IF UTILITIES INTERFERE WITH THE CONSTRUCTION ALIGNMENT, THEY SHALL BE PROTECTED AT NO ADDITIONAL EXPENSE TO THE OWNER AND WITHOUT CLAIM BY THE CONTRACTOR FOR DELAYS DUE TO UTILITY LINES ENCOUNTERED.
5. ALL VALVE BOXES AND VALVE VAULTS SHALL NOT BE COVERED WITH CONSTRUCTION DEBRIS AND SHALL REMAIN ACCESSIBLE TO THE RESPECTIVE UTILITY COMPANY.



WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED. SEE SECTION 41-2.01B (1).

PLAN VIEW

FILE NAME = L:\N:\E\CD\122481\Draws\CADD_Sheets\Utility_3_MechanicsNotesDetail2.dgn

CMT CRAWFORD, MURPHY & TELY, INC. CONSULTING ENGINEERS License No. 184-00063	USER NAME = Jeff Sedig	DESIGNED - MNB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN NOTES AND DETAILS		F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.0000' / 1" / in.	DRAWN - MNB	REVISED -				0192	06-00153-07-CH	LAKE	120	43
PLOT DATE = 11/12/2012	CHECKED - CMC	DATE - 10/22/2012	REVISED -	SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. - TO STA. -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 63682			