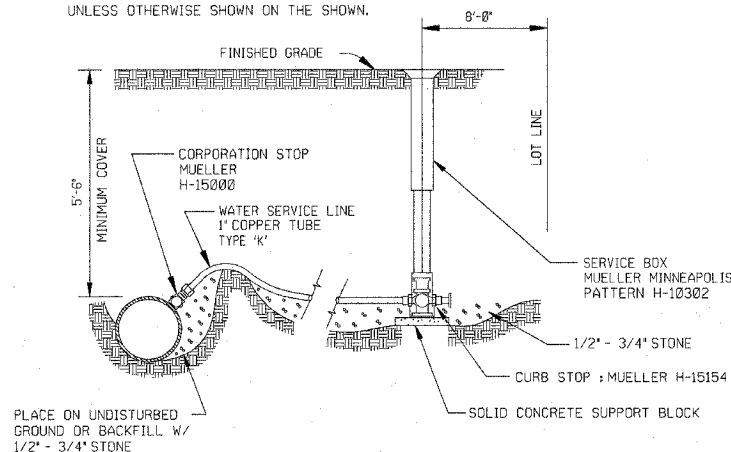


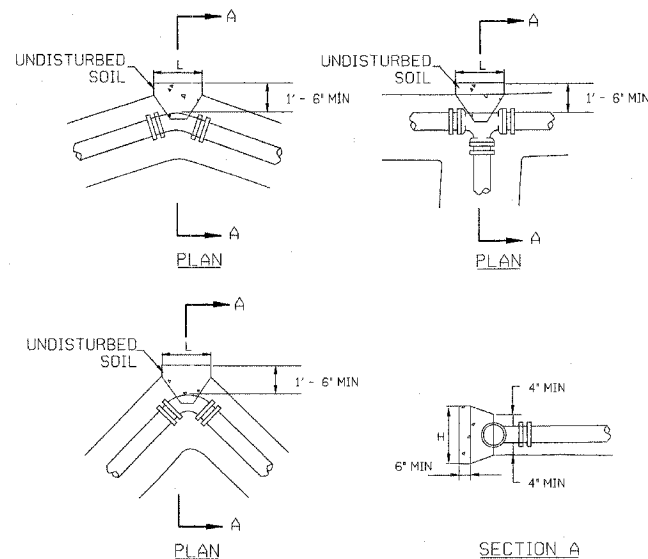
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	537 R-1	COOK	245	100
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT # 62880

NOTE:
TERMINATE WATER SERVICE AT CURB STOP UNLESS OTHERWISE SHOWN ON THE SHOWN.



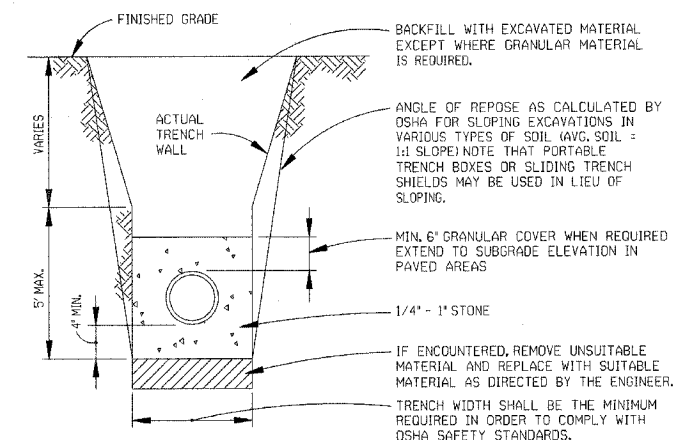
WATER SERVICE CONNECTION			
DESIGNED BY	WATER MAIN IMPROVEMENT	DATE	REVISION
DRAWN BY			
Village of	ORLAND PARK	REVISION	
Engineering Department		WM-0B	



CONCRETE THRUST BLOCK DIMENSIONS										
PIPE SIZE	11-15° BEND		22-30° BEND		45° BEND		90° BEND		TEE & PLUG	
DIAMETER	H	L	H	L	H	L	H	L	H	L
≤ 8"	1'-6"	1'-6"	2'-0"	2'-6"	2'-6"	3'-0"	3'-6"	4'-0"	3'-0"	3'-6"
≤ 12"	1'-6"	2'-0"	2'-3"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	3'-6"	4'-0"
≤ 16"	2'-0"	2'-0"	2'-6"	3'-0"	4'-0"	4'-6"	5'-0"	6'-0"	4'-6"	5'-6"

- ALL BLOCKING SHALL BE CONSTRUCTED WITH ROUNDED CL. V. CONCRETE AGAINST UNDISTURBED VERTICAL EARTH FACE WITH A MINIMUM WIDTH OF 12 INCHES.
- THRUST BLOCKS TO BE USED AT ALL BENDS IF 1/4 DEGREES OR GREATER.
- MECHANICAL JOINT RETAINER BLENDS MAY BE USED AS AN ALTERNATIVE TO CONCRETE THRUST BLOCK INSTALLATION WHEN APPROVED BY THE VILLAGE ENGINEER.
- TEST PRESSURE 150 P.S.I.

CONCRETE THRUST BLOCK DETAILS			
DESIGNED BY	WATER MAIN IMPROVEMENT	DATE	REVISION
DRAWN BY			
Village of	ORLAND PARK	REVISION	
Engineering Department		WM-10	



DIP AND PVC WHEN USED AS WATER MAIN SHALL NOT REQUIRE GRANULAR BEDDING OR COVER. PROVIDE UNIFORM AND CONTINUOUS SUPPORT OF PIPE BARREL BETWEEN BELL HOLES

TRENCH SECTION (WATER MAIN)			
DESIGNED BY	WATER MAIN IMPROVEMENT	DATE	REVISION
DRAWN BY			
Village of	ORLAND PARK	REVISION	
Engineering Department		WM-11	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 (159TH ST) AT US RTE 45 (LAGRANGE RD)
VILLAGE SEWER AND WATER DETAILS
SCALE: N/A
DATE: 7-07-06
DRAWN BY: VOP
CHECKED BY: RCH

McDonough Associates Inc.
Engineers / Architects

FILES
DATES
STIMES