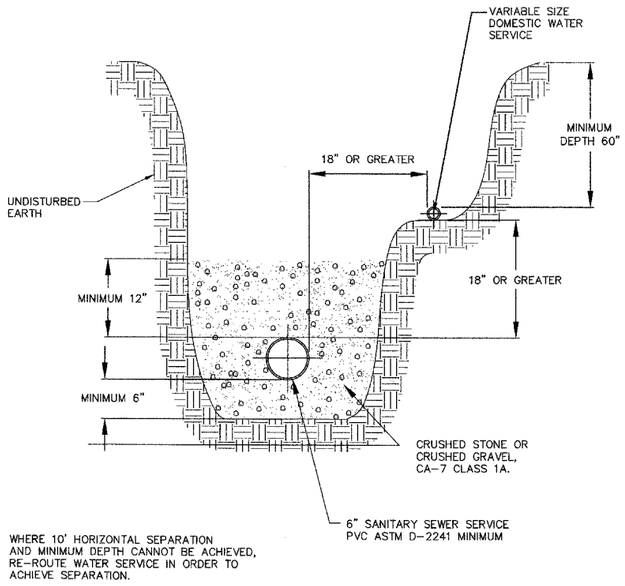
CONTRACT NO. 63023

Engineering Enterprises, Inc.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	N/A	06-00017-00-PV	KANE	232	160
	STA.		TO STA.		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

PLAN	BY	DATE
SURVEYED / PLATTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME		
NOTE BOOK NO.		

REQUIRED WHEN A 10' MINIMUM SEPARATION IS NOT POSSIBLE FOR WATER AND SEWER SERVICES

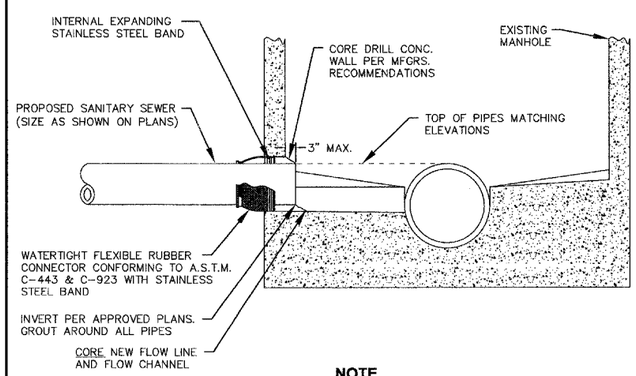


WHERE 10' HORIZONTAL SEPARATION AND MINIMUM DEPTH CANNOT BE ACHIEVED, RE-ROUTE WATER SERVICE IN ORDER TO ACHIEVE SEPARATION.

SANITARY SEWER SERVICE & POTABLE WATER SERVICE SEPARATION

Fox Metro
Water Reclamation District

DESIGNED FMWRD	REVISION		07
DRAWN KWZ	A	Revised 2004	01/05/04
APPROVED JH	B	Depth Note	02/03/05
DATE 08-28-00	C	Note Revision	01/30/06
SCALE NTS			
SHEET 1	CAD DWG.		REVISION C
OF 1	JOB NO.		



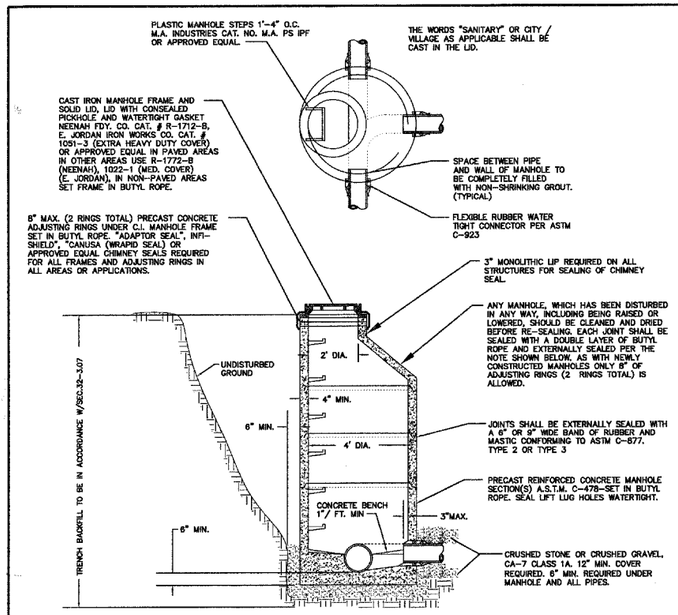
NOTE

TO ESTABLISH NEW INVERT, MATCH THE ELEVATION OF THE TOP OF INCOMING PIPE TO EXISTING PIPE(S).

PIPE TO MANHOLE CONNECTION

Fox Metro
Water Reclamation District

DESIGNED FMWRD	REVISION		07
DRAWN KWZ	B	Revised 2004	01/05/04
APPROVED JH	C	Revision to Note	02/02/05
DATE 05-15-00	D	Flow Channel Rev.	01/30/06
SCALE NTS	E	Grout Note	01/30/06
SHEET 1	CAD DWG.		REVISION E
OF 1	JOB NO.		



NOTE

INVERTS OF ALL INCOMING PIPES SHALL BE DETERMINED BY MATCHING ELEVATIONS OF THE TOP OF ALL PIPES. A PRE-FORMED FLOW LINE SHALL BE MADE IN BENCH. NO FLOWS SHALL DISCHARGE ON THE BENCH.

TYPE " A " MANHOLE

Fox Metro
Water Reclamation District

DESIGNED FMWRD	REVISION		07
DRAWN KWZ	B	Revised 2004	01/05/04
APPROVED JH	C	External Seal Note	02/03/05
DATE 05-12-00	D	Invert Notes	01/30/06
SCALE NTS	E	Chimney Seal Note	03/19/07
SHEET 1	CAD DWG.		REVISION E
OF 1	JOB NO.		

PROFILE	BY	DATE
SURVEYED / PLATTED / GRADES CHECKED / STRL. MODEL STRUCTURE NOTATNS CH'KD		
NOTE BOOK NO.		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL DETAILS

SCALE: NTS — DRAWN BY: KKP

DATE: 02/07/08 — CHECKED BY: WBR

Plotted: May 28, 2008 @ 11:00 AM By: Terri Seidler-Johnson - Tab: 160 FMWRD DETAILS (22x34)

Path: H:\SDSKPROJ\SG0546\DWG\SG0732\DWG FINAL ENG\CONTRACT B\B-SG0546-DETS