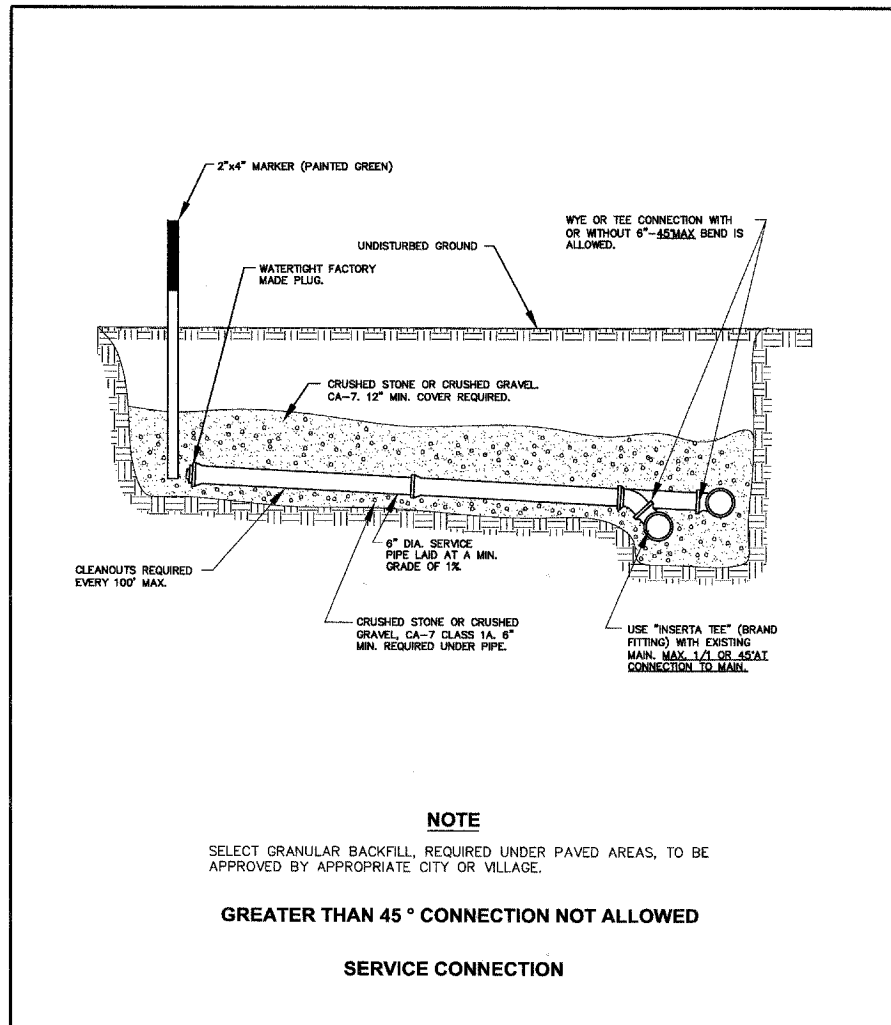


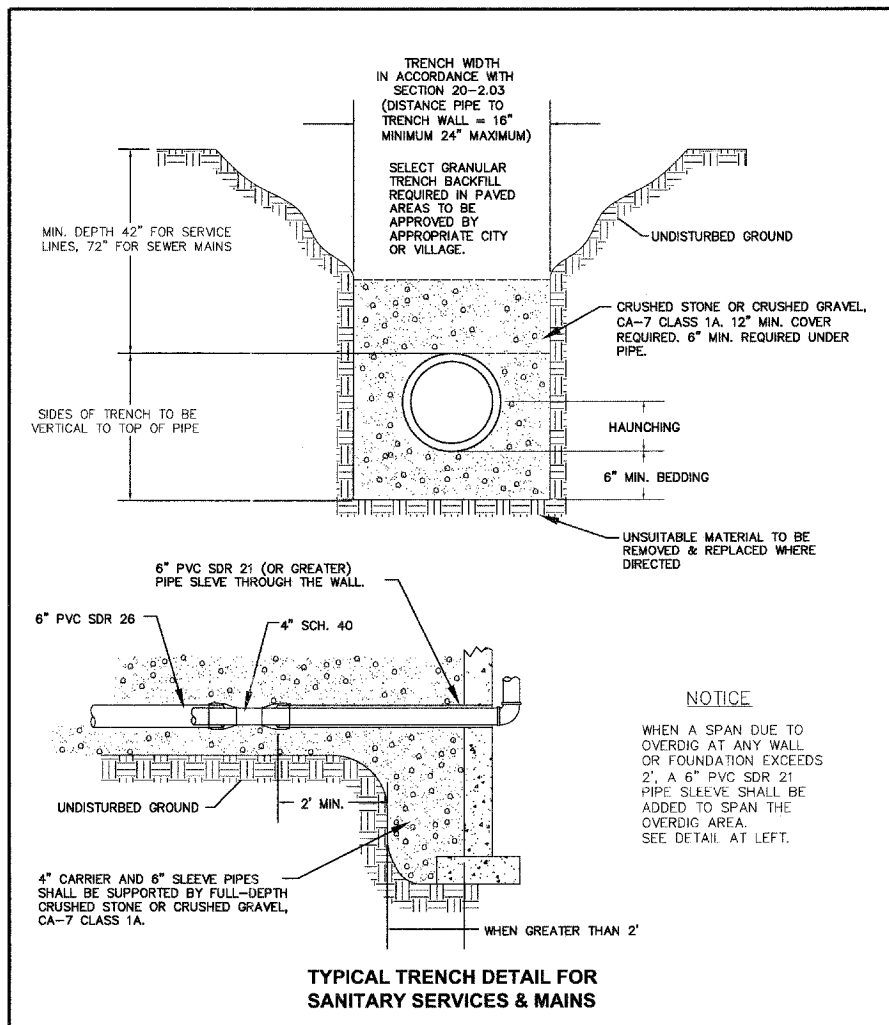


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00017-00-PV	KANE	232	161
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	REVISION	DATE
NO.	BY	
	ALIGNED CHECKED	
	DATE	
	NO.	

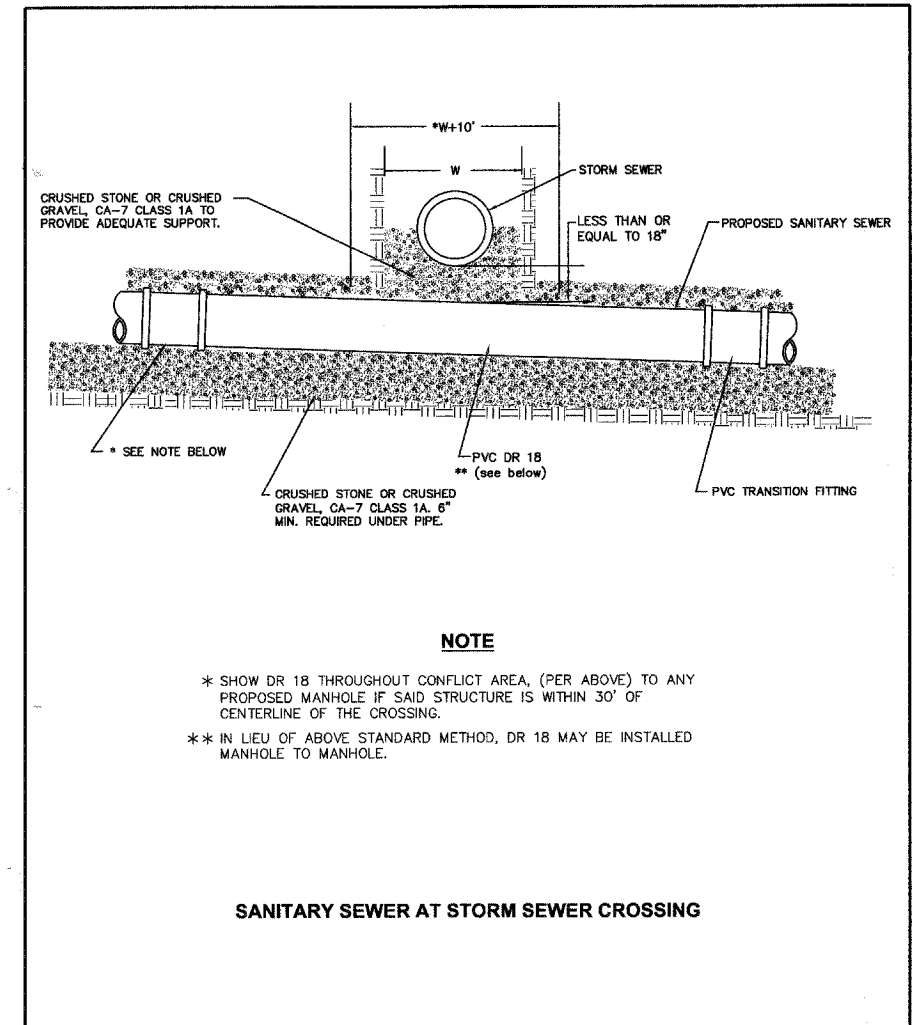


2"x4" MARKER (PAINTED GREEN)
UNDISTURBED GROUND
WYE OR TEE CONNECTION WITH OR WITHOUT 6"-45° MAX BEND IS ALLOWED.
WATERTIGHT FACTORY MADE PLUG.
CRUSHED STONE OR CRUSHED GRAVEL, CA-7, 12" MIN. COVER REQUIRED.
6" DIA. SERVICE PIPE LAID AT A MIN. GRADE OF 1%.
CLEANOUTS REQUIRED EVERY 100' MAX.
CRUSHED STONE OR CRUSHED GRAVEL, CA-7 CLASS 1A, 6" MIN. REQUIRED UNDER PIPE.
USE "INSERTA TEE" (BRAND FITTING) WITH EXISTING MAIN, MAX. 1/1 OR 45° AT CONNECTION TO MAIN.



TRENCH WIDTH IN ACCORDANCE WITH SECTION 20-2.03 (DISTANCE PIPE TO TRENCH WALL = 18" MINIMUM 24" MAXIMUM)
SELECT GRANULAR TRENCH BACKFILL REQUIRED IN PAVED AREAS TO BE APPROVED BY APPROPRIATE CITY OR VILLAGE.
MIN. DEPTH 42" FOR SERVICE LINES, 72" FOR SEWER MAINS
UNDISTURBED GROUND
CRUSHED STONE OR CRUSHED GRAVEL, CA-7 CLASS 1A, 12" MIN. COVER REQUIRED. 6" MIN. REQUIRED UNDER PIPE.
HAUNCHING
6" MIN. BEDDING
UNDESIRABLE MATERIAL TO BE REMOVED & REPLACED WHERE DIRECTED
SIDES OF TRENCH TO BE VERTICAL TO TOP OF PIPE
6" PVC SDR 21 (OR GREATER) PIPE SLEEVE THROUGH THE WALL.
6" PVC SDR 26
4" SCH. 40
UNDISTURBED GROUND
2' MIN.
4" CARRIER AND 6" SLEEVE PIPES SHALL BE SUPPORTED BY FULL-DEPTH CRUSHED STONE OR CRUSHED GRAVEL, CA-7 CLASS 1A.
WHEN GREATER THAN 2'

NOTE
WHEN A SPAN DUE TO OVERDIG AT ANY WALL OR FOUNDATION EXCEEDS 2', A 6" PVC SDR 21 PIPE SLEEVE SHALL BE ADDED TO SPAN THE OVERDIG AREA. SEE DETAIL AT LEFT.



* SHOW DR 18 THROUGHOUT CONFLICT AREA, (PER ABOVE) TO ANY PROPOSED MANHOLE IF SAID STRUCTURE IS WITHIN 30' OF CENTERLINE OF THE CROSSING.
** IN LIEU OF ABOVE STANDARD METHOD, DR 18 MAY BE INSTALLED MANHOLE TO MANHOLE.

PROFILE	REVISION	DATE
NO.	BY	
	GRADES CHECKED	
	DATE	
	NO.	

Fox Metro Water Reclamation District	DESIGNED FMWRD	REVISION	07
	DRAWN KWZ	B Revised 2004	01/05/03
	APPROVED JH	C 45° Note Added	02/02/06
	DATE 05-12-00	D Stone Note Added	01/30/06
	SCALE NTS	E Inset & Note Revisions	03/19/07
SHEET 1	CAD DWG.	REVISION	E
OF 1	JOB NO.		

Fox Metro Water Reclamation District	DESIGNED FMWRD	REVISION	07
	DRAWN KWZ	B Dimension Revision	12/11/01
	APPROVED JH	C Revised 2004	01/05/04
	DATE 05-12-00	D Stone Note	01/30/06
	SCALE NTS	E 07 Revisions	03/19/07
SHEET 1	CAD DWG.	REVISION	E
OF 1	JOB NO.		

Fox Metro Water Reclamation District	DESIGNED FMWRD	REVISION	07
	DRAWN KWZ	C Note Revision	01/05/03
	APPROVED JH	D Revised 2004	01/05/04
	DATE 05-12-00	E Note Revision	01/30/06
	SCALE NTS	F Fitting & Note Revision	03/19/07
SHEET 1	CAD DWG.	REVISION	F
OF 1	JOB NO.		

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	TYPICAL DETAILS	
SCALE: NTS	DRAWN BY: KKP		
DATE: 02/07/08	CHECKED BY: WBR		