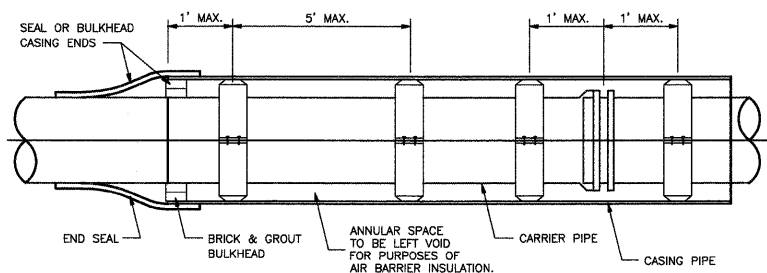
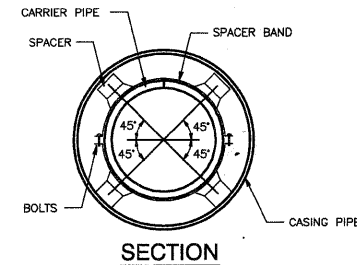


MANHOLE DIAMETER "D"	WALL THICKNESS "T"	AVAILABLE HEIGHTS "H"
36"	3"	48", 72", & 96"
42"	3 1/2"	16", 32", 36", 42", 48", 64", & 72"
48"	4"	16", 32", 36", 42", 48", 64", & 72"
60"	5"	16", 32", 36", 42", 48", 64", & 72"
72"	6"	16", 32", 36", 42", 48", 64", & 72"

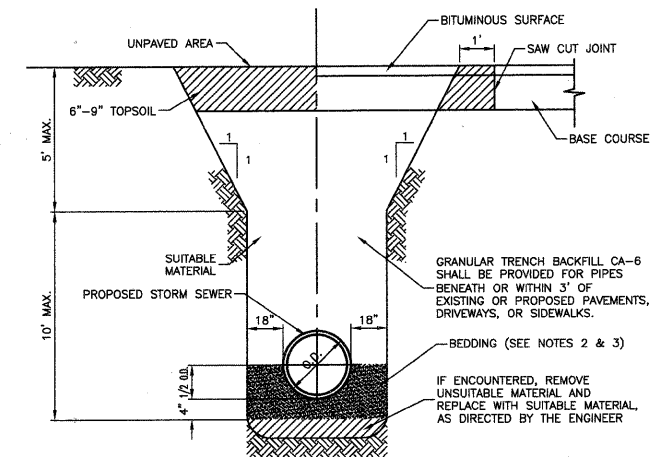
PRECAST TEE MANHOLE DETAIL



CASING SPACER INSTALLATION

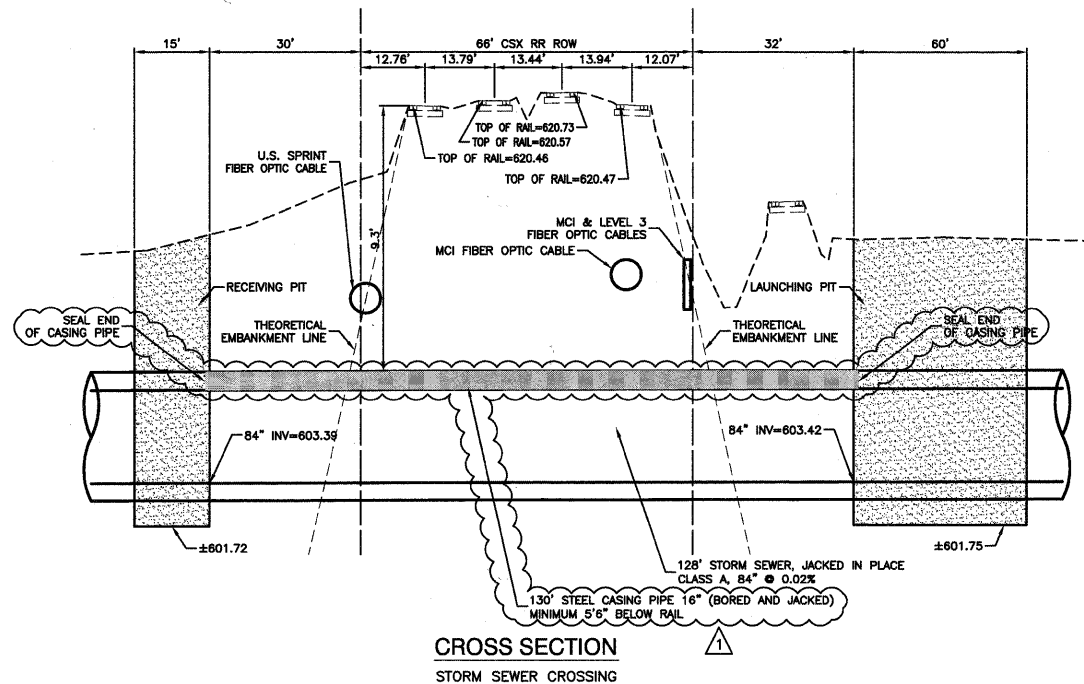


SECTION

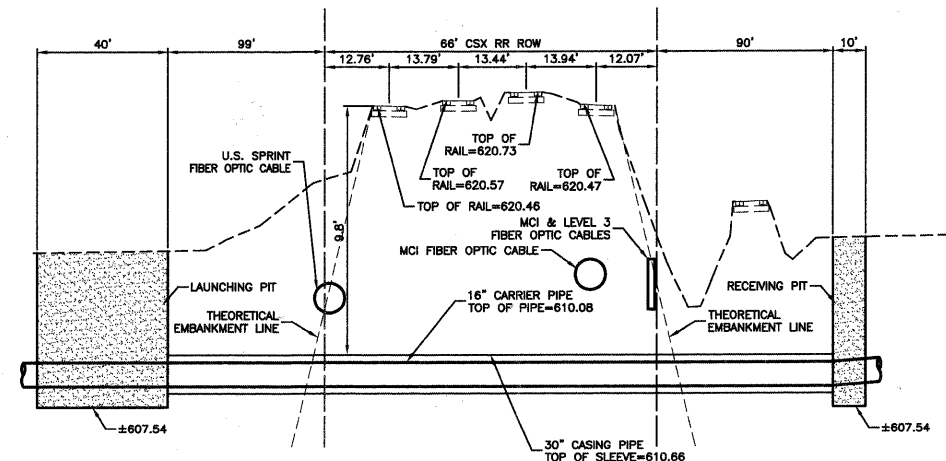


- NOTES:
- TRENCH SHALL BE IN ACCORDANCE WITH OSHA SAFETY STANDARDS.
 - BEDDING SHALL BE REQUIRED TO BE A MINIMUM THICKNESS EQUAL TO 1/4 OF THE OUTSIDE DIAMETER OF THE PIPE BUT SHALL NOT BE LESS THAN 4". AS A MINIMUM, BEDDING AND HAUNCHING MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." THE GRADATIONS SHALL EITHER BE FA-1 OR FA-2.
 - WHEN STORM SEWER CONSTRUCTION OCCURS IN COMBINED SEWER AREAS, BEDDING AND HAUNCHING MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE "METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO." THE GRADATIONS SHALL EITHER BE CA-11 OR CA-13.

TRENCH BACKFILL DETAIL FOR STORM SEWER



CROSS SECTION STORM SEWER CROSSING



CROSS SECTION WATER MAIN CROSSING

FILE NAME = 09883-DTLS-01 - IDOT P01	USER NAME =	DESIGNED — PKB	REVISED — 4-14-11 ADDENDUM
		CHECKED — PKB	REVISED —
	PLOT SCALE =	DRAWN — PS	REVISED —
	PLOT DATE = 12/23/10	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

71ST STREET		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONSTRUCTION DETAILS		1537	06-00050-00-GS	COOK	209	69
SCALE:		SHEET NO. 69 OF 209 SHEETS		STA.	TO STA.	
		FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT CRE-9003(709)		

CONTRACT NO. 63556