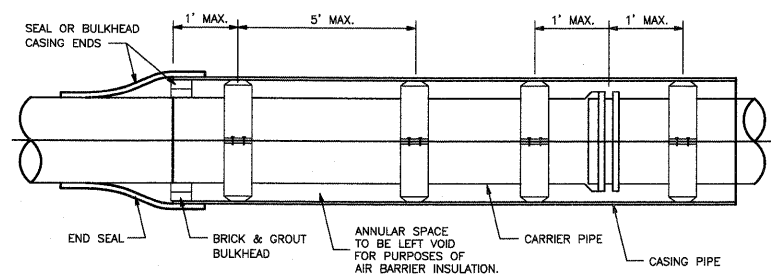
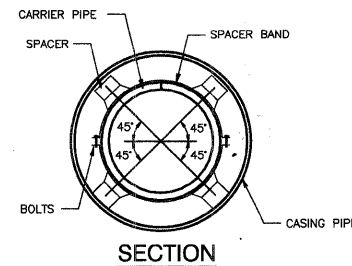


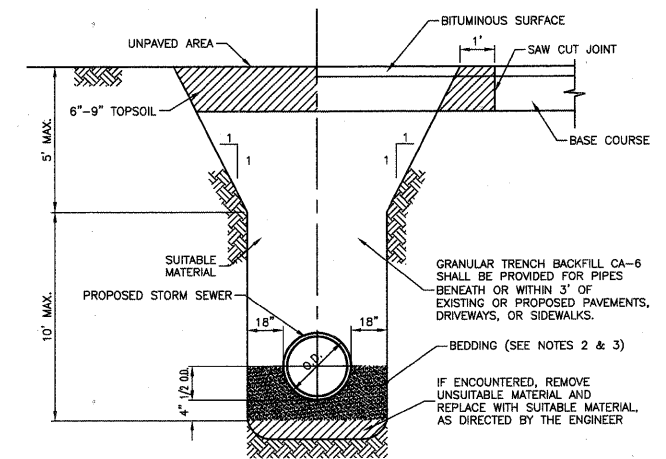
PRECAST TEE MANHOLE DETAIL



CASING SPACER INSTALLATION

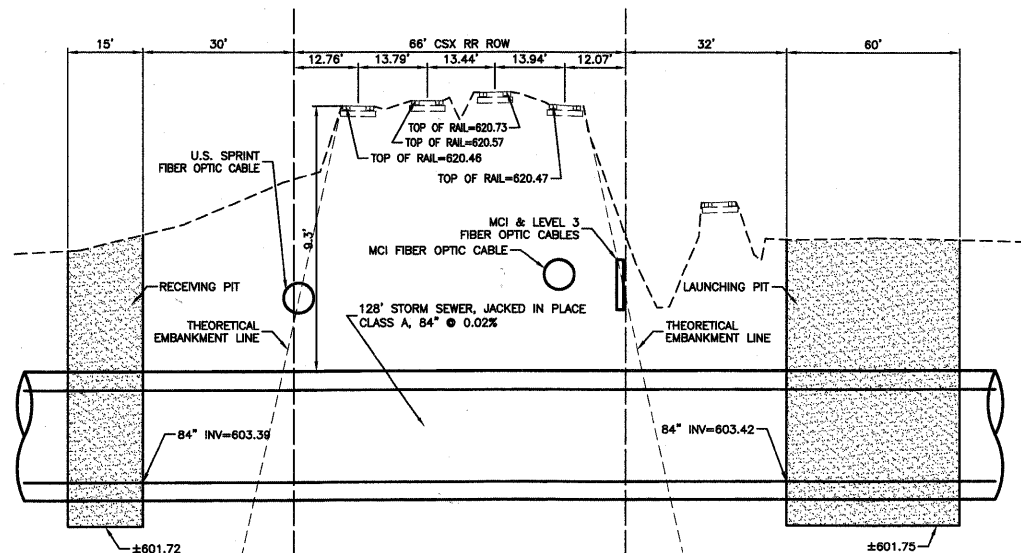


SECTION

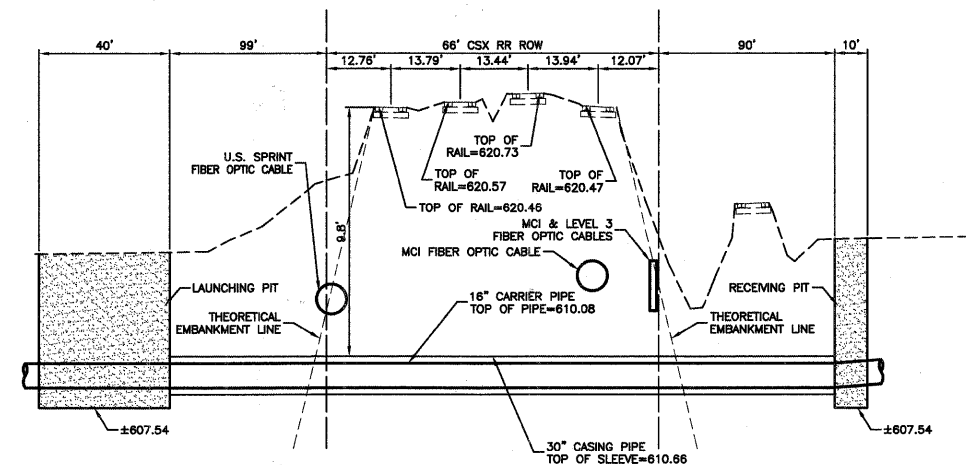


TRENCH BACKFILL DETAIL FOR STORM SEWER

- 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.



CROSS SECTION
STORM SEWER CROSSING



CROSS SECTION
WATER MAIN CROSSING

FILE NAME = 09353-DT15-01 - IDOT P01

USER NAME =	DESIGNED -- PKB	REVISED --
PLOT SCALE =	CHECKED -- PKB	REVISED --
PLOT DATE = 12/23/10	DRAWN -- PS	REVISED --
	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

71ST STREET
CONSTRUCTION DETAILS

SCALE: SHEET NO. 69 OF 209 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	69
CONTRACT NO. 63556				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CRE-9003(709)