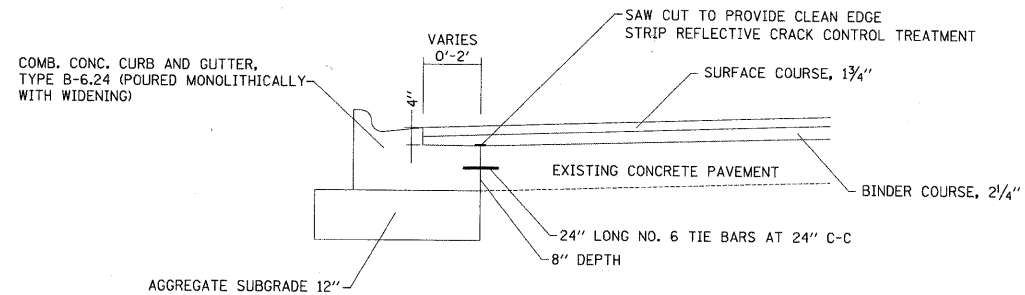
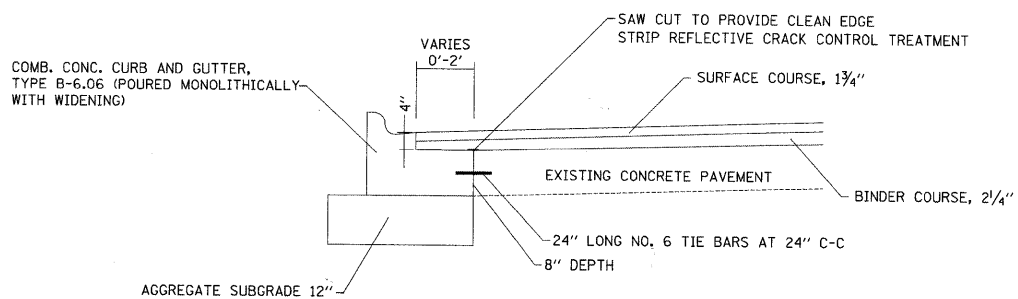


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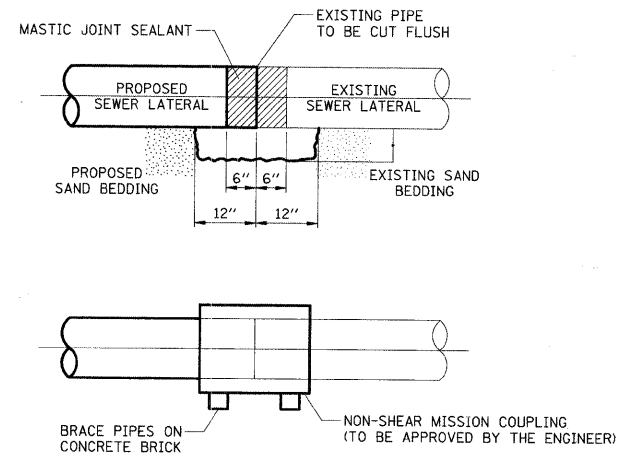


**COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24**  
AT LOCATIONS WHERE WIDENING IS 2' OR LESS

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**COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06**  
AT LOCATIONS WHERE WIDENING IS 2' OR LESS



**DETAIL A**

NON-SHEAR MISSION COUPLING  
NOT TO SCALE

**CONSTRUCTION SEQUENCE**

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- INSTALL MISSION COUPLING.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- SUPPORT EACH PIPE END WITH CONCRETE BRICK.

**NOTES**

**CONSTRUCTION METHODS**

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTIONS TO EXISTING SEWER OF 27" OR SMALLER SEE DETAIL "A".

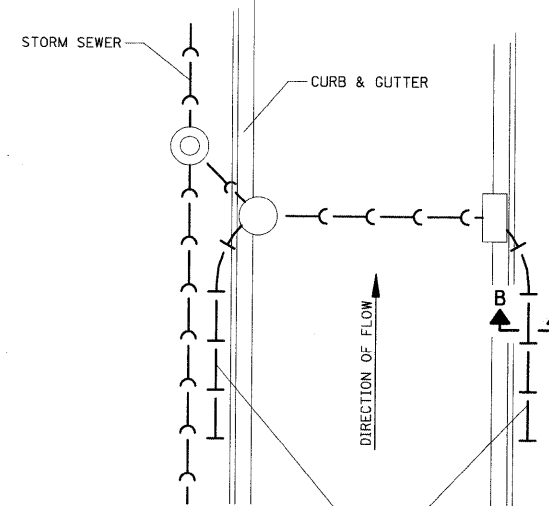
IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

**GENERAL**

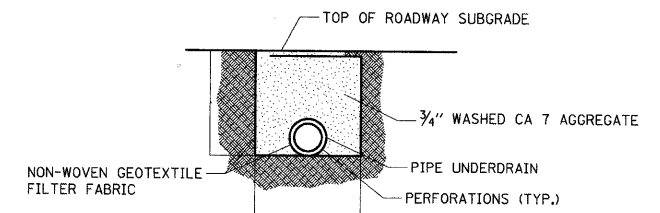
CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWERS BEING CONSTRUCTED.



**TYPICAL PLAN**



**SECTION B-B**

**GENERAL NOTES:**

- BOTH THE TRENCH AND DRAIN TILE SHALL BE WRAPPED WITH NON-WOVEN GEOTEXTILE FILTER FABRIC.
- WASHED AGGREGATE SHALL BE PLACED AROUND THE DRAIN TILE.
- HOLE SHALL BE DRILLED INTO STRUCTURE.
- HYDRAULIC CEMENT SHALL BE PLACED AROUND THE PIPE TO SEAL THE OPENING, BOTH INSIDE AND OUTSIDE THE STRUCTURE.

**PIPE UNDERDRAIN, FABRIC LINED TRENCH, 4"**

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CHECKED -	DJK	REVISED -	
DATE -	07-07-10	REVISED -	

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DRAWN -	BLG	REVISED -	
CHECKED -	DJK	REVISED -	
DATE -	07-07-10	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 53 (BIESTERFIELD ROAD) @ I-290  
DETAILS**

SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1339	09-00054-00-CH	COOK	88	71
CONTRACT NO. 63505				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT ARA-M-9003(569)				