



NOTE:

1. SANITARY MANHOLES SHALL BE PRECAST STRUCTURES WITH THE DIAMETER DEPENDENT ON THE PIPE SIZE. THE CONCRETE BOTTOM SHALL BE CAST INTEGRAL WITH THE LOWEST BARREL SECTION UNLESS NOTED OTHERWISE ON THE PLAN.
2. ALL SANITARY MANHOLES SHALL BE EQUIPPED WITH STEPS.
3. ALL MANHOLES SHALL HAVE A MAXIMUM OF TWO (2) ADJUSTING RINGS AND A MAXIMUM ADJUSTMENT OF EIGHT (8) INCHES.
4. ALL MANHOLE SECTIONS AND ADJUSTING RINGS SHALL BE SECURELY SEALED TO EACH OTHER AND TO THE FRAME AND COVER USING RESILIENT FLEXIBLE NON-HARDENING PREFORMED BITUMINOUS MASTIC (RAM-NEK OR APPROVED EQUAL) OR BUTYL RUBBER JOINT SEALER (EASY STICK OR APPROVED EQUAL).
5. THE FOLLOWING TYPE 1 FRAMES AND CLOSED LIDS SHALL BE USED ON ALL SANITARY MANHOLES:  
NEENADH FOUNDRY \*R-1712 WITH TYPE B COVER;  
EAST JORDAN IRON WORKS \*1050 EXHD WITH TYPE A \*540 COVER;  
OR APPROVED EQUAL  
SANITARY COVERS SHALL HAVE A 1 INCH CONCEALED PICKHOLE AND A RUBBER SELF-SEALING GASKET. SANITARY MANHOLES SHALL HAVE THE WORD "SANITARY" IMPRINTED ON THE COVER.
6. ALL SANITARY SEWER MANHOLES AND SANITARY INSPECTION MANHOLES SHALL HAVE AN EXTERNAL CHIMNEY SEAL INSTALLED BETWEEN THE FRAME AND CONE SECTION (SEE DETAIL ABOVE). IF CONDITIONS PROHIBIT INSTALLATION, AN INTERNAL CHIMNEY SEAL WILL BE ALLOWED WITH VILLAGE PERMISSION.
7. ALL SANITARY MANHOLES SHALL HAVE FLEXIBLE GASKETED COUPLINGS PRECAST INTO STRUCTURE FOR ALL PIPE CONNECTIONS.
8. THIS WORK SHALL BE INCLUDED IN THE COST OF "SANITARY MANHOLES, TYPE A, TYPE 1 FRAME, CLOSED LID" OF THE SIZE SPECIFIED.

FILE NAME =  
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USER NAME = kfk  
DESIGNED - BLG  
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CHECKED - DJK  
DATE - 10-22-10  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

SHEET NO. 5 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	09-00056-00-CH	COOK	111	76
CONTRACT NO. 63527				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT M-9003659				