

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1373	00-00058-00-RS	COOK	113	3
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT No: 83861				

VILLAGE OF FRANKLIN PARK MAIN LINES TO MWRDGC TARP

MWRDGC GENERAL NOTES

1. THE MWRDGC LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK. (CALL 708-588-4055)
2. ELEVATION DATUM IS U.S.G.S.
3. NO FLOOR DRAINS.
4. NO FOOTING DRAINS AND/OR DOWNSPOUTS.
5. ALL PVC SANITARY SEWER PIPE, SDR-26, JOINTS SHALL CONFORM TO ASTM D-2855, SOLVENT CEMENT, OR ASTM D-3212, GASKET, AND THE PIPE SHALL CONFORM TO ASTM D-3034.

ALL VITRIFIED CLAY TILE SANITARY SEWER PIPE JOINTS SHALL CONFORM TO ASTM C-425 AND THE PIPE SHALL CONFORM TO ASTM C-700.

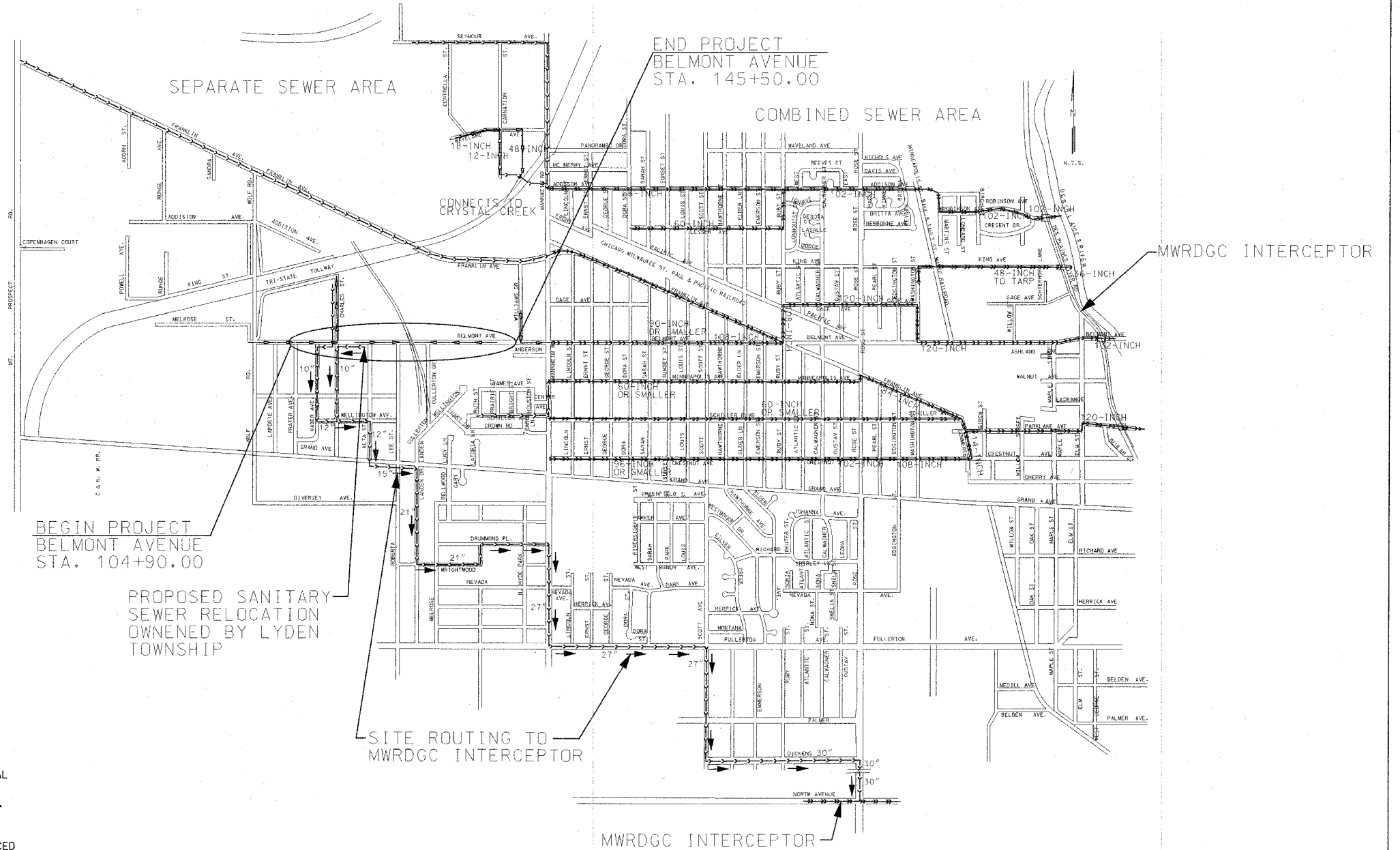
ALL DUCTILE IRON SANITARY SEWER PIPE JOINTS SHALL CONFORM TO ANSI A21.11 AND THE PIPE SHALL CONFORM TO ANSI A21.51.

ALL CAST IRON SOIL SANITARY SEWER PIPE (CISP) JOINTS SHALL CONFORM TO C-564 AND THE PIPE SHALL CONFORM TO CISP A-74.

ALL CONCRETE SANITARY SEWER PIPE JOINTS SHALL CONFORM TO ASTM C-443 AND THE PIPE SHALL CONFORM TO ASTM C-76.

ALL ABS TRUSS SANITARY SEWER PIPE AND JOINTS SHALL CONFORM TO ASTM D-2680.

ALL ABS SOLID WALL SANITARY SEWER PIPE AND JOINTS SHALL CONFORM TO ASTM D-2751.
6. SANITARY SEWER CONSTRUCTION AND ALL STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS REQUIRE STONE BEDDING 1/4" TO 1" IN SIZE, WITH A MINIMUM BEDDING THICKNESS EQUAL TO 1/4TH THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN 4 INCHES NOR MORE THAN 8 INCHES. MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC. THE BEDDING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE PIPE BEING CONSTRUCTED.
7. "BAND SEAL" OR SIMILAR FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPE OF DISSIMILAR MATERIALS.
8. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
1) CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS (SEWER-TAP MACHINE OR SIMILAR), AND PROPER INSTALLATION OF HUB WYE SADDLE OR HUB TEE SADDLE, IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
2) REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
3) WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
9. WHENEVER A SANITARY/COMBINED SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY/COMBINED SEWERS AND WATERMANS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS.
10. ALL SANITARY MANHOLES (AND STORM MANHOLES IN COMBINED SEWER AREAS), SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48 INCHES, AND SHALL BE CAST IN PLACE OR PRE-CAST REINFORCED CONCRETE.
11. SANITARY MANHOLES AND STORM MANHOLES IN COMBINED SEWER AREAS SHALL BE CONSTRUCTED WITH RUBBER BOOTS (MEETING ASTM C-923) AT PIPE-STRUCTURE CONNECTION. THIS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE STRUCTURE BEING CONSTRUCTED.
12. WATERTIGHT FLEXIBLE RUBBER CONNECTORS, CONFORMING TO ASTM C-443 & C-923 WITH STAINLESS STEEL BAND, SHALL BE PROVIDED FOR SANITARY SEWER CONNECTIONS WITH MANHOLE.



LEGEND

COMBINED SEWER	—●—●—●—●—●—●—●—●—●—
SANITARY SEWER	—○—○—○—○—○—○—○—○—○—
STORM SEWER	—□—□—□—□—□—□—□—□—□—

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		MWRDGC GENERAL NOTES

SCALE: VERT. HORIZ. DATE 4/6/06

DRAWN BY MJK
CHECKED BY BDC

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