

WATER MAIN PIPES			
NO.	LENGTH (LFT)	DIA. (IN.)	INSTALLATION METHOD
WM-P51	55	16 RJT	H.D.D.
WM-P52	90	16 RJT	H.D.D.
WM-P53	136	16 RJT	OPEN CUT
WM-P54	286	16 RJT	OPEN CUT
WM-P55	82	8 RJT	OPEN CUT
WM-P56	20	6 RJT	OPEN CUT

WATER MAIN APPURTENANCES			
NO.	STATION	OFFSET	DESCRIPTION
WM-F77	172+42	6.5' RT	D.I. RJT 16" SLEEVE
WM-F78	171+99	6.5' RT	D.I. RJT 16" X 8" TEE
WM-F79	172+46	6.5' RT	D.I. RJT 16" X 6" TEE
WM-FH16	172+46	31' RT	FIRE HYDRANT WITH AUXILIARY VALVE AND BOX
WM-V28	172+65	6.5' RT	16" GATE VALVE WITH 72" VALVE VAULT
WM-F80	172+76	6.5' RT	D.I. RJT 16" 45° BEND
WM-F81	173+20	29.5' LT	D.I. RJT 16" 45° BEND
WM-F82	173+38	29.5' LT	D.I. RJT 16" SLEEVE
WM-F83	171+99	56' RT	D.I. RJT 8" 45° BEND
WM-F84	171+78	77' RT	D.I. RJT 8" 45° BEND WITH CONCRETE THRUST BLOCK
WM-V29	171+88	67' RT	8" GATE VALVE WITH 60" VALVE VAULT
WM-F85A	171+78	79.5' RT	D.I. RJT 8" X 4" REDUCER
WM-F85B	171+78	81.5' RT	D.I. RJT 4" SLEEVE

REMOVE AND REPLACE EXISTING SANITARY SEWER MANHOLE. WEST INVERT ELEV. 858.65 SOUTH INVERT ELEV. 858.75 RIM ELEV. 865.05

REMOVE AND REPLACE 19 LIN FT OF 8" SANITARY SEWER (0' TO 19' FROM SAN MH 14C-3)

REMOVE AND REPLACE 51 LIN FT OF 8" SANITARY SEWER WITH 1 SERVICE CONNECTION (49' TO 100' FROM SAN MH 14C-3)

EXISTING DEAD END WATER MAIN TO BE ABANDONED

cod Timbers

REMOVE AND REPLACE 51 LIN FT OF 8" SANITARY SEWER WITH 1 SERVICE CONNECTION (49' TO 100' FROM SAN MH 14C-3)

REPLACE EXISTING 8" SANITARY SEWER WITH 75 LF OF 8" WATER MAIN QUALITY PIPE SANITARY SEWER AT 0.80%. MATCH EXISTING LOCATION OF EXISTING SEWER AND USE A 5' LONG SECTION OF NEW SANITARY SEWER PIPE TO MAKE THE TRANSITION FROM THE NEW, CONSISTENTLY SLOPED PIPE, AND CONNECT TO THE END OF THE EXISTING 8" SANITARY SEWER.

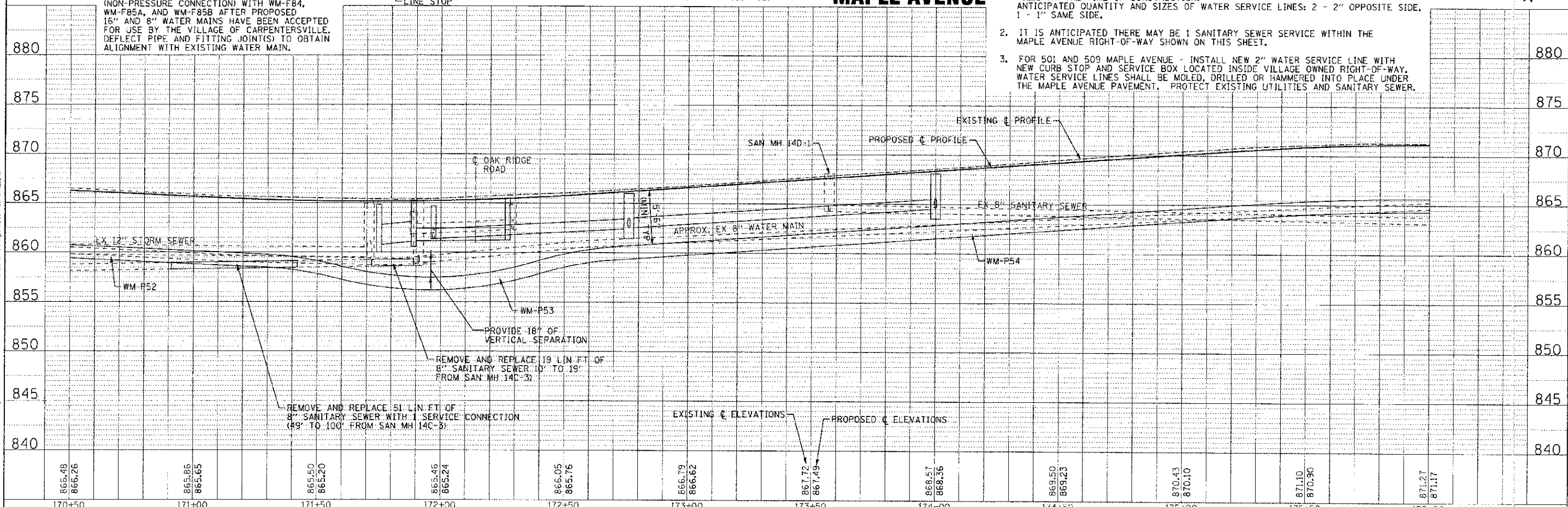
CONNECT TO EXISTING 4" WATER MAIN (NON-PRESSURE CONNECTION) WITH WM-F84, WM-F85A, AND WM-F85B AFTER PROPOSED 16" AND 8" WATER MAINS HAVE BEEN ACCEPTED FOR USE BY THE VILLAGE OF CARPENTERSVILLE. DEFLECT PIPE AND FITTING JOINT(S) TO OBTAIN ALIGNMENT WITH EXISTING WATER MAIN.

4" WATER MAIN TO BE ABANDONED

WATER MAIN WORK WILL MOST LIKELY REQUIRE THAT OAK RIDGE ROAD BE CLOSED TO TRAFFIC. PROVIDE APPROPRIATE DETOUR ROUTE AND SIGNAGE.

AT LEAST ONE LANE OF TRAFFIC ALONG MAPLE AVENUE MUST REMAIN OPEN AT ALL TIMES. PROVIDE TEMPORARY ADDITIONAL PAVEMENT AS REQUIRED, OR INSTALL THE PORTION OF WM-P53 CROSSING MAPLE AVENUE WITH TRENCHLESS METHODS.

- NOTES:
1. LOCATION AND SIZE OF WATER SERVICE LINES TO BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. ANTICIPATED QUANTITY AND SIZES OF WATER SERVICE LINES: 2 - 2" OPPOSITE SIDE, 1 - 1" SAME SIDE.
 2. IT IS ANTICIPATED THERE MAY BE 1 SANITARY SEWER SERVICE WITHIN THE MAPLE AVENUE RIGHT-OF-WAY SHOWN ON THIS SHEET.
 3. FOR 501 AND 509 MAPLE AVENUE - INSTALL NEW 2" WATER SERVICE LINE WITH NEW CURB STOP AND SERVICE BOX LOCATED INSIDE VILLAGE OWNED RIGHT-OF-WAY. WATER SERVICE LINES SHALL BE MOLED, DRILLED OR HAMMERED INTO PLACE UNDER THE MAPLE AVENUE PAVEMENT. PROTECT EXISTING UTILITIES AND SANITARY SEWER.



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