

FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113 & 114) R-5	WILL	525	250
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FAP 338 (IL RTE. 59)		

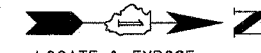
FIRE HYDRANTS

- WM-FH17
FIRE HYDRANT WITH 3 L.F. OF 6" D.I. LEADER PIPE
- WM-FH18
FIRE HYDRANT
- WM-FH19
FIRE HYDRANT WITH 3 L.F. OF 6" D.I. LEADER PIPE
- WM-FH20
FIRE HYDRANT WITH 3 L.F. OF 6" D.I. LEADER PIPE

SANITARY SEWER PIPE

- SA-P4
APPROXIMATELY 45 L.F. OF 8" SANITARY SEWER, BETWEEN 8.5 & 8 FEET DEEP. CONSTRUCT WITH WATER MAIN QUALITY P.V.C. PIPE. CONNECT TO EXISTING SANITARY SEWER PIPES AT BOTH ENDS OF SA-P4. INSTALL NEW PIPE WITH A UNIFORM SLOPE TO MATCH EXISTING SANITARY SEWER INVERT ELEVATIONS & SLOPE.
- SA-P5
APPROXIMATELY 22 L.F. OF 8" SANITARY SEWER, BETWEEN 7.5 & 7 FEET DEEP. CONSTRUCT WITH WATER MAIN QUALITY P.V.C. PIPE. CONNECT TO EXISTING SANITARY SEWER PIPES AT BOTH ENDS OF SA-P5. INSTALL NEW PIPE WITH A UNIFORM SLOPE TO MATCH EXISTING SANITARY SEWER INVERT ELEVATIONS & SLOPE.

FORT BEGGS DRIVE

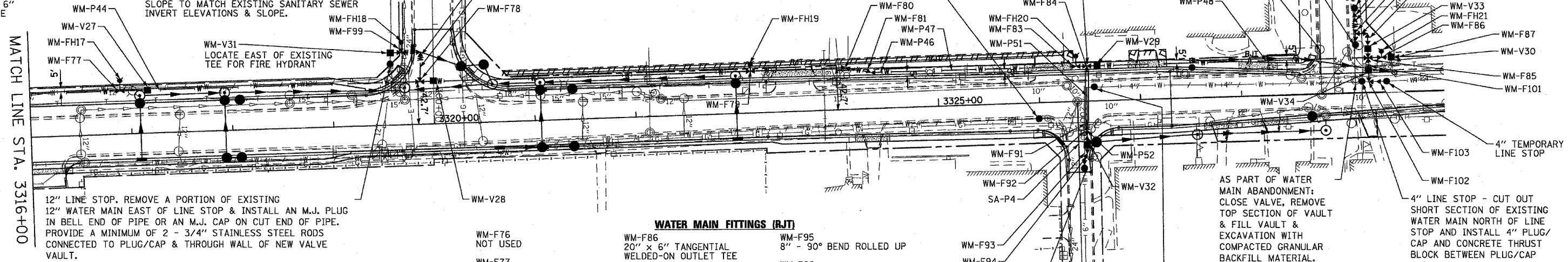


MATCH LINE STA. 3316+00

4" LINE STOP - CUT OUT SHORT SECTION OF EXISTING WATER MAIN NORTH OF LINE STOP AND INSTALL 4" PLUG/CAP AND CONCRETE THRUST BLOCK BETWEEN PLUG/CAP AND CUT END OF EXISTING WATER MAIN.

LOCATE & EXPOSE EXISTING 6" WATER MAIN PRIOR TO INSTALLING WM-F84. LOCATE WM-F84 TO INSTALL 8" WATER MAIN CROSSING ROUTE 59 ADJACENT TO EXISTING 6" WATER MAIN.

6" LINE STOP - CUT OUT SHORT SECTION OF EXISTING WATER MAIN WEST OF LINE STOP AND INSTALL 6" PLUG/CAP AND CONCRETE THRUST BLOCK BETWEEN PLUG/CAP AND CUT END OF EXISTING WATER MAIN.



WATER MAIN PIPE

- WM-P43
NOT USED
- WM-P44
750 L.F. OF 20" WATER MAIN
- WM-P45
NOT USED
- WM-P46
145 L.F. OF 20" WATER MAIN (RJT)
- WM-P47
310 L.F. OF 20" WATER MAIN
- WM-P48
150 L.F. OF 20" WATER MAIN (RJT)
- WM-P49
NOT USED
- WM-P50
60 L.F. OF 12" WATER MAIN (RJT)
- WM-P51
65 L.F. OF 8" WATER MAIN (RJT) INSIDE 24" CASING PIPE A MINIMUM OF 50 L.F. OF CASING TO BE INSTALLED BY BORING OR RAMMING, REMAINDER OF CASING CAN BE INSTALLED IN OPEN-CUT TRENCH.
- WM-P52
25 L.F. OF 8" WATER MAIN (RJT)
- WM-P53
40 L.F. OF 8" WATER MAIN (RJT)
- WM-P54
NOT USED
- WM-P55
30 L.F. OF 4" WATER MAIN (RJT)

WATER MAIN FITTINGS (RJT)

- WM-F76
NOT USED
- WM-F77
20" x 6" TANGENTIAL WELDED-ON OUTLET TEE
- WM-F78
20" x 12" TEE ROLLED UP
- WM-F79
20" x 6" TANGENTIAL WELDED-ON OUTLET TEE
- WM-F80
20" - 22 1/2" BEND
- WM-F81
20" - 22 1/2" BEND
- WM-F82
NOT USED
- WM-F83
20" x 6" TANGENTIAL WELDED-ON OUTLET TEE
- WM-F84
20" x 8" TEE
- WM-F85
20" x 8" CROSS
- WM-F86
20" x 6" TANGENTIAL WELDED-ON OUTLET TEE
- WM-F87
20" PLUG
- WM-F88
NOT USED
- WM-F89
NOT USED
- WM-F90
12" - 90° BEND ROLLED DOWN
- WM-F91
8" - 45° BEND ROLLED UP USED FOR ELEVATION CHANGE AND ALIGNMENT WITH EXISTING WATER MAIN
- WM-F92
8" - 45° BEND ROLLED DOWN USED FOR ELEVATION CHANGE AND ALIGNMENT WITH EXISTING WATER MAIN
- WM-F93
8" x 6" REDUCER
- WM-F94
6" CUTTING-IN SLEEVE TO BE LOCATED WEST OF TEE FOR EXISTING FIRE HYDRANT
- WM-F95
8" - 90° BEND ROLLED UP
- WM-F96
8" - 90° BEND ROLLED DOWN
- WM-F97
8" x 6" REDUCER
- WM-F98
6" CUTTING-IN SLEEVE
- WM-F99
12" x 6" TEE
- WM-F100
NOT USED
- WM-F101
8" x 4" REDUCER
- WM-F102
4" - 90° BEND WITH CONCRETE THRUST BLOCK
- WM-F103
4" CUTTING-IN SLEEVE

WATER MAIN VALVES

- WM-V27
20" BUTTERFLY VALVE IN 6 FOOT DIAMETER VALVE VAULT WITH ECCENTRIC CONE. LOCATE ECCENTRIC CONE WITH OPENING CENTERED OVER VALVE OPERATING NUT.
- WM-V28
20" BUTTERFLY VALVE IN 6 FOOT DIAMETER VALVE VAULT WITH ECCENTRIC CONE. LOCATE ECCENTRIC CONE WITH OPENING CENTERED OVER VALVE OPERATING NUT.
- WM-V29
20" BUTTERFLY VALVE IN 6 FOOT DIAMETER VALVE VAULT WITH ECCENTRIC CONE. LOCATE ECCENTRIC CONE WITH OPENING CENTERED OVER VALVE OPERATING NUT.
- WM-V30
20" BUTTERFLY VALVE IN 6 FOOT DIAMETER VALVE VAULT WITH ECCENTRIC CONE. LOCATE ECCENTRIC CONE WITH OPENING CENTERED OVER VALVE OPERATING NUT.
- WM-V31
12" x 12" TAPPING SLEEVE & 12" TAPPING VALVE WITH CONCRETE THRUST BLOCK IN 6 FOOT DIAMETER VALVE VAULT.
- WM-V32
8" GATE VALVE IN 4 FOOT DIAMETER VALVE VAULT
- WM-V33
8" GATE VALVE IN 4 FOOT DIAMETER VALVE VAULT
- WM-V34
4" GATE VALVE WITH VALVE BOX

AS PART OF WATER MAIN ABANDONMENT: CLOSE VALVE, REMOVE TOP SECTION OF VAULT & FILL VAULT WITH COMPACTED GRANULAR BACKFILL MATERIAL.

