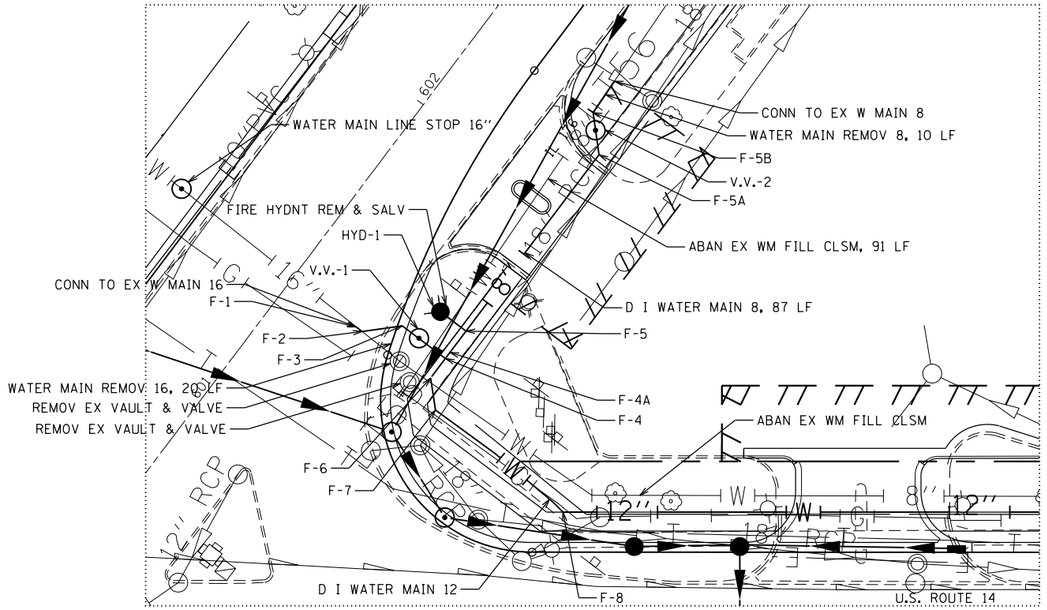
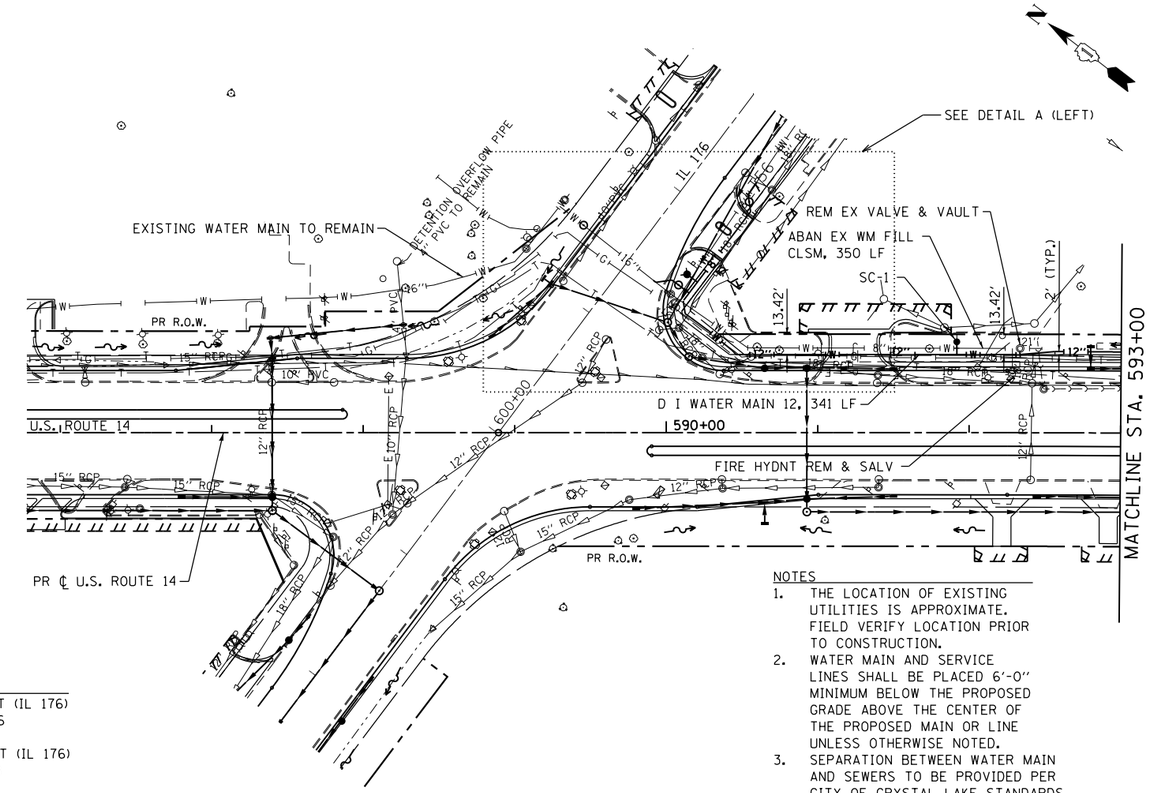


INTERSECTION DETAIL A
1" = 20'



VALVES

V.V.-1 STA. 601+50.1, 36.2' RT (IL-176)
WATER VALVES 12"
VV TA 6 DIA T1F CL
RIM ELEV = 907.90

V.V.-2 STA. 602+22.2, 40.4' RT (IL 176)
WATER VALVES 8"
VV TA 5 DIA T1F CL
RIM ELEV = 908.60

SERVICE CONNECTIONS

SC-1 STA. 591+91.9, 60' LT
WAT SER CONN 1
WATER SERV LINE 1, 8 LF

HYDRANTS

HYD-1 STA. 601+59.2, 36.5' RT (IL 176)
FIRE HYD W/AUX V & VB
D I WATER MAIN 6, 8 LF

FITTINGS

F-1 STA. 601+42.5, 21.2' RT (IL 176)
D I WAT MN RED, 16 X 12

F-2 STA. 601+42.5, 23.2' RT (IL 176)
D I WT MNF 12 45.0 DB

F-3 STA. 601+50.0, 30.7' RT (IL 176)
D I WT MNF 12 45.0 DB

F-4 STA. 601+50.0, 45.0' RT (IL 176)
D I WAT MN TEE 12 X 12

F-4A STA. 601+52.0, 45.0' RT (IL 176)
D I WAT MN RED 12 X 8

F-5 STA. 601+59.1, 45.0' RT (IL 176)
D I WAT MN TEE 8 X 6

F-5A STA. 602+17.4, 45.0' RT (IL 176)
D I WT MNF 8 45.0 DB

F-5B STA. 602+25.3, 37.0' RT (IL 176)
D I WT MNF 8 45.0 DB

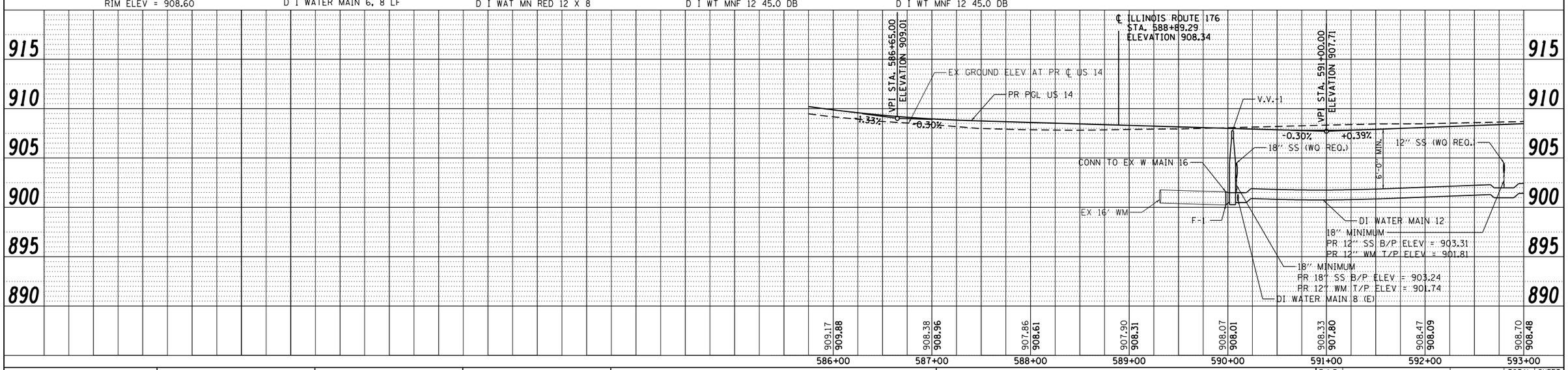
F-6 STA. 590+11.2, 87.0' LT
D I WT MNF 12 45.0 DB

F-7 STA. 590+12.5, 78.5' LT
D I WT MNF 12 45.0 DB

F-8 STA. 590+46.2, 51.6' LT
D I WT MNF 12 45.0 DB

NOTES

1. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE. FIELD VERIFY LOCATION PRIOR TO CONSTRUCTION.
2. WATER MAIN AND SERVICE LINES SHALL BE PLACED 6'-0" MINIMUM BELOW THE PROPOSED GRADE ABOVE THE CENTER OF THE PROPOSED MAIN OR LINE UNLESS OTHERWISE NOTED.
3. SEPARATION BETWEEN WATER MAIN AND SEWERS TO BE PROVIDED PER CITY OF CRYSTAL LAKE STANDARDS.
4. THE CONTRACTOR SHALL CONTACT THE CITY OF CRYSTAL LAKE PUBLIC WORKS DEPARTMENT AT (815) 356-3614 24 HOURS NOTICE TO ANY WATER MAIN SHUTDOWN.



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		DRAWN - JWM	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - MGZ	REVISED -
	PLOT DATE = 6/4/2014	DATE - 10/15/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN PLAN & PROFILE
US ROUTE 14

SCALE: 1"=50' | SHEET NO. 151 OF 431 SHEETS | STA. 578+00.00 TO STA. 593+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-3	MCHENRY	431	151
		CONTRACT NO. 62517		
		ILLINOIS FED. AID PROJECT		

PLAN — NOTE BOOK NO.____ — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO.____ — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — BY — DATE