WATER MAIN VALVES

WM-V20
12" GATE VALVE IN 5' DIA VALVE VAULT

WM-V21
12" GATE VALVE IN 5' DIA VALVE VAULT

WM-F22
12" GATE VALVE IN 5' DIA VALVE VAULT

WM-V23
8" GATE VALVE WITH VALVE BOX
LOCATE VALVE ADJACENT TO THE TEE, BEHIND THE PROPOSED BACK OF CURB.

WATER MAIN PIPE

WM-P20
NOT USED

WM-P21
90 L.F. OF 12" WATER MAIN (RJT)

WM-P22
770 L.F. OF 12" WATER MAIN

WM-P23
165 L.F. OF 12" WATER MAIN (RJT)

WM-P24
95 L.F. OF 12" WATER MAIN

WM-P25A
80 L.F. OF 8" WATER MAIN (RJT)
INSIDE 80 L.F. OF 24" CASING PIPE AUGERED AND JACKED OR RAMMED INTO PLACE.
DETERMINE ELEVATION REQUIRED TO INSTALL 8" WATER MAIN ON SOUTH SIDE OF CASING BELOW PROPOSED STORM SEWERS AND TO ALLOW CONNECTION TO EXISTING 6" WATER MAIN.

WM-25B
65 L.F. OF 8" WATER MAIN (RJT)
INSTALL BELOW PROPOSED WATER MAIN QUALITY PIPE STORM SEWERS

WATER MAIN FITTINGS (RJT)

WM-F1
SEE SHEET NO WM-6

WM-F40
12" - SLEEVE

WM-F41
12" - 45° BEND
WITH CONCRETE THRUST BLOCK

WM-F42
12" - 45° BEND

WM-F43
12" x 6" TEE

WM-F44
12" x 6" TEE

WM-F45
12" x 8" TEE

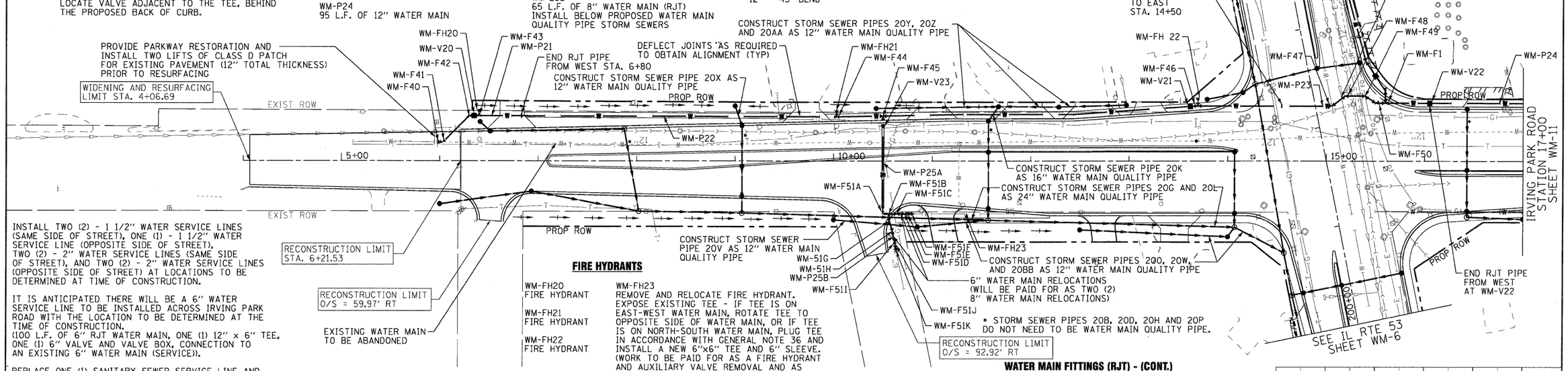
WM-F46
12" x 6" TEE

WM-F47
12" - 45° BEND

WM-F48
12" - 45° BEND

WM-F49
12" - 45° BEND

WM-F50
12" - 45° BEND



INSTALL TWO (2) - 1 1/2" WATER SERVICE LINES (SAME SIDE OF STREET), ONE (1) - 1 1/2" WATER SERVICE LINE (OPPOSITE SIDE OF STREET), TWO (2) - 2" WATER SERVICE LINES (SAME SIDE OF STREET), AND TWO (2) - 2" WATER SERVICE LINES (OPPOSITE SIDE OF STREET) AT LOCATIONS TO BE DETERMINED AT TIME OF CONSTRUCTION.

IT IS ANTICIPATED THERE WILL BE A 6" WATER SERVICE LINE TO BE INSTALLED ACROSS IRVING PARK ROAD WITH THE LOCATION TO BE DETERMINED AT THE TIME OF CONSTRUCTION.
(100 L.F. OF 6" RJT WATER MAIN, ONE (1) 12" x 6" TEE, ONE (1) 6" VALVE AND VALVE BOX, CONNECTION TO AN EXISTING 6" WATER MAIN (SERVICE)).

REPLACE ONE (1) SANITARY SEWER SERVICE LINE AND RELOCATE/LOWER ONE (1) SANITARY SEWER SERVICE LINE WITH LOCATIONS DETERMINED AT THE TIME OF CONSTRUCTION.

FIRE HYDRANTS

WM-FH20
FIRE HYDRANT

WM-FH21
FIRE HYDRANT

WM-FH22
FIRE HYDRANT

WM-FH23
REMOVE AND RELOCATE FIRE HYDRANT. EXPOSE EXISTING TEE - IF TEE IS ON EAST-WEST WATER MAIN, ROTATE TEE TO OPPOSITE SIDE OF WATER MAIN, OR IF TEE IS ON NORTH-SOUTH WATER MAIN, PLUG TEE IN ACCORDANCE WITH GENERAL NOTE 36 AND INSTALL A NEW 6"x6" TEE AND 6" SLEEVE. (WORK TO BE PAID FOR AS A FIRE HYDRANT AND AUXILIARY VALVE REMOVAL AND AS WATER MAIN FITTINGS).
IN EITHER CASE, REINSTALL EXISTING FIRE HYDRANT AS A 90° FIRE HYDRANT CONNECTION, INCLUDING A NEW AUXILIARY VALVE AND BOX.

WATER MAIN FITTINGS (RJT) - (CONT.)

WM-F51A
8" - 90° BEND WITH CONCRETE THRUST BLOCK

WM-F51B
8" x 8" TEE WITH CONCRETE THRUST BLOCK

WM-F51C
8" - 45° BEND ROLLED UP

WM-F51D
8" - 45° BEND ROLLED DOWN

WM-F51E
8" x 6" REDUCER

WM-F51F
6" SLEEVE

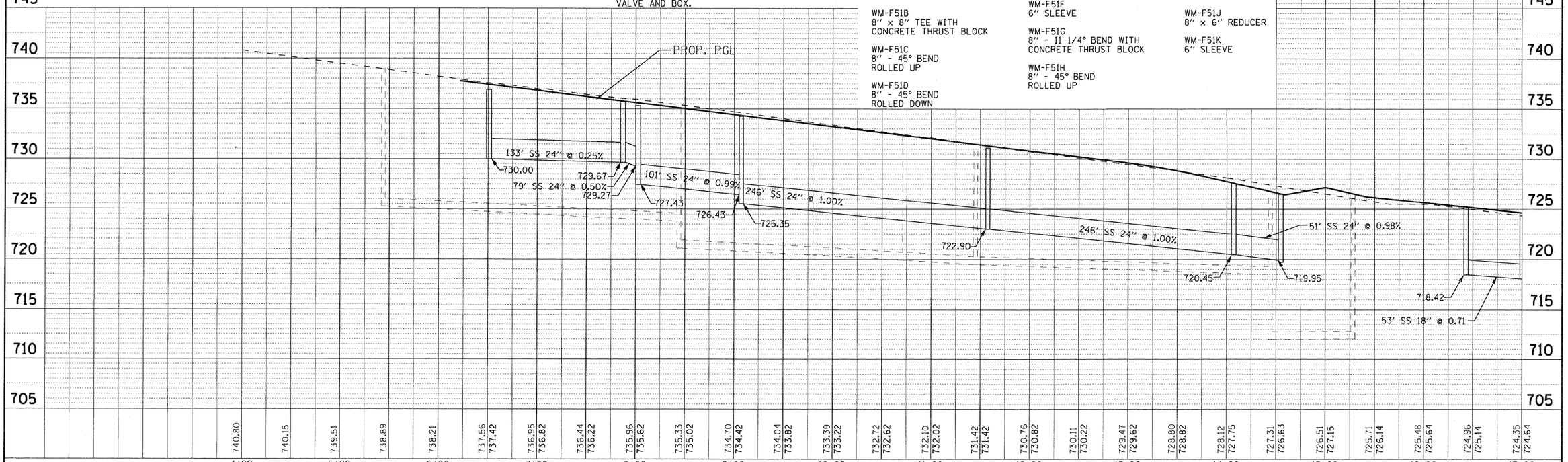
WM-F51G
8" - 11 1/4° BEND WITH CONCRETE THRUST BLOCK

WM-F51H
8" - 45° BEND ROLLED UP

WM-F51I
8" - 45° BEND ROLLED DOWN

WM-F51J
8" x 6" REDUCER

WM-F51K
6" SLEEVE



BAXTER & WOODMAN Consulting Engineers	USER NAME = (username)	DESIGNED - SMV	REVISED -8-27-10 VILLAGE REVIEW	Illinois Department of Transportation	IRVING PARK ROAD WATER AND SEWER REPLACEMENT PLAN AND PROFILE
	PLOT CONFIG= PDF22X34.plt	DRAWN - UKB	REVISED -		SCALE: 1"=50' SHEET NO. WM-10 OF 17 STA. 4+44.45 TO STA. 17+00
	PLOT SCALE = 1:50	CHECKED - SMV	REVISED -		
	PLOT DATE = 11/24/2010 9:13:44 AM	DATE - 7-30-2010	REVISED -		

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2578	532B	DUPAGE	781	358
		CONTRACT NO. 60477		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

I:\Crystal Lake\IT ASV\120547-Rt 53 W and S\CADD-SURVEY\DRAWINGS\DGNS\B&W-WM-PP-sht_275.dgn