## WATER MAIN VALVES

WM-V3
NOT USED

WM-V4
12" GATE VALVE IN 5' DIA VALVE VAULT

WM-V5A
12" GATE VALVE IN 5' DIA VALVE VAULT

WM-V5B
12" GATE VALVE IN 5' DIA VALVE VAULT

WM-V5C
12" GATE VALVE IN 5' DIA VALVE VAULT

## WATER MAIN PIPE

WM-P1
100 L.F. OF 12" WATER MAIN (RJT)

WM-P2
280 L.F. OF 12" WATER MAIN

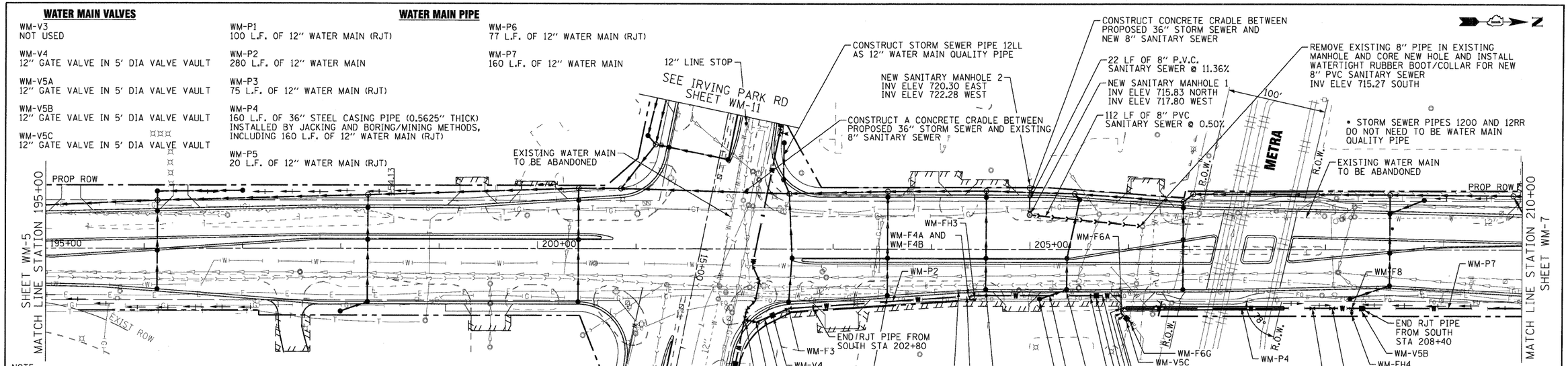
WM-P3
75 L.F. OF 12" WATER MAIN (RJT)

WM-P4
160 L.F. OF 36" STEEL CASING PIPE (0.5625" THICK) INSTALLED BY JACKING AND BORING/MINING METHODS, INCLUDING 160 L.F. OF 12" WATER MAIN (RJT)

WM-P5
20 L.F. OF 12" WATER MAIN (RJT)

WM-P6
77 L.F. OF 12" WATER MAIN (RJT)

WM-P7
160 L.F. OF 12" WATER MAIN




NOTE:

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

REPLACE 1 SANITARY SEWER SERVICE LINE AT LOCATION TO BE DETERMINED AT TIME OF CONSTRUCTION.

RELOCATE/LOWER 1 SANITARY SEWER SERVICE LINE AT LOCATION TO BE DETERMINED AT TIME OF CONSTRUCTION.

CASING PIPE CAN BE MOVED UP IN ELEVATION IF IT WILL NOT INTERFERE WITH RAILROAD SIGNAL FOUNDATIONS AND IF THERE WILL BE A MINIMUM OF 24" OF CLEARANCE BETWEEN THE CASING PIPE AND THE 24" D.W.C. WATER MAIN PIPE.

## WATER MAIN FITTINGS (RJT)

WM-F1
12"x12" TEE

WM-F2A
12" - 22 1/2° BEND

WM-F2B
12" - 11 1/4° BEND

WM-F3
12" - 11 1/4° BEND

WM-F4A
12"x6" TEE

WM-F4B
6" - 45° BEND

WM-F5
NOT USED

WM-F6A
12" - 90° BEND

WM-F6B
12" - 90° BEND ROLLED DOWN

WM-F6C
12"x12" TEE IN VERTICAL PIPE AND CONNECTED TO WM-P5

WM-F6D
12" - 90° BEND ROLLED UP AT END OF CASING PIPE

WM-F6E
12" - 90° BEND ROLLED UP

WM-F6F
12" - 90° BEND ROLLED DOWN

WM-F6G
12" SLEEVE TO CONNECT TO EXISTING 12" WATER MAIN

WM-F7A
12" - 22 1/2° BEND ROLLED UP

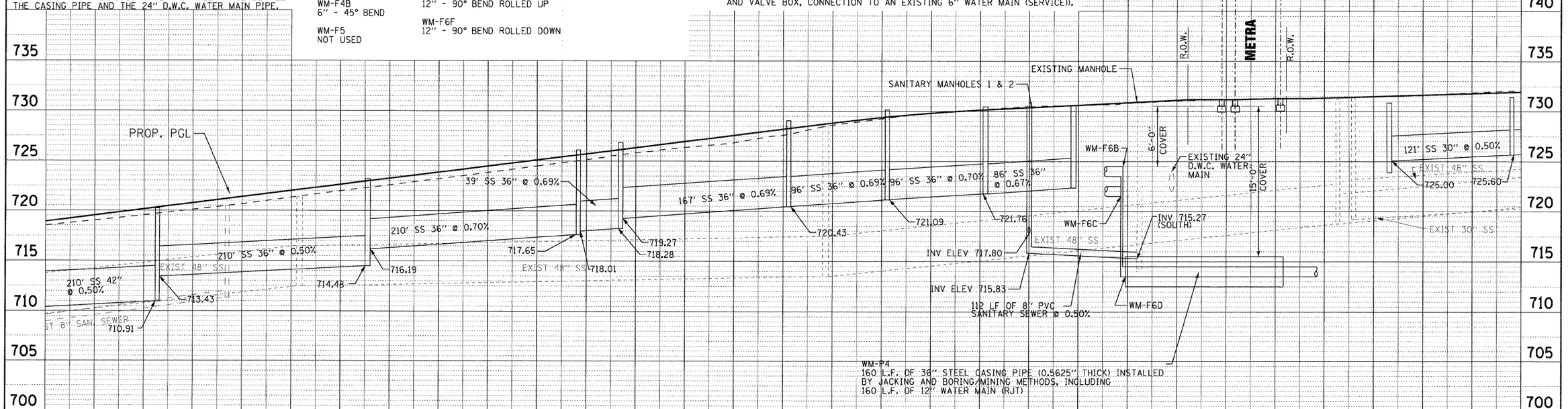
WM-F7B
12" - 22 1/2° BEND ROLLED DOWN

IT IS ANTICIPATED THERE WILL BE A 6" WATER SERVICE LINE TO BE INSTALLED ACROSS ROUTE 53 FOR THE TRUFFLES RESTAURANT WITH THE LOCATION TO BE DETERMINED AT THE TIME OF CONSTRUCTION. (110 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)).

## FIRE HYDRANTS

WM-FH3
RELOCATE EXISTING FIRE HYDRANT AS A 90° CONNECTION WITH WM-F4A AND WM-F4B IN LIEU OF HYDRANT TEE

WM-FH4
FIRE HYDRANT




| | | | |
|---|---|---|---|
| BAXTER & WOODMAN Consulting Engineers | USER NAME = (username) | DESIGNED - SMV | REVISED -8-27-10 VILLAGE REVIEW |
| | PLOT CONFIG= PDF22X34.pit | DRAWN - UKB | REVISED -9-22-10 METRA REVIEW |
| | PLOT SCALE = 1:50 | CHECKED - SMV | REVISED - |
| | PLOT DATE = 11/24/2010 8:46:28 AM | DATE - 7-30-2010 | REVISED - |

Illinois Department of Transportation

**ILLINOIS ROUTE 53**
**WATER AND SEWER REPLACEMENT PLAN AND PROFILE**

SCALE: 1"=50' | SHEET NO. WM-6 OF 17 | STA. 195+00 TO STA. 210+00

| F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 2578 | 532B | DUPAGE | 781 | 354 |

CONTRACT NO. 60477

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

I:\Crystal Lake\ITASV\100547-Rt 53 W and S\CADD-SURVEY\DRAWINGS\DGNS\B&W-WM-PP-sht_267.dgn