ST-1
STA: 113+27.22; 38.8 LT
2' CB TY C
W/TY 24 F&G
RIM 752.92
IE 749.92 (12" N)

ST-2
STA: 113+27.22; 44.7 LT
4' MH TY A
W/TY 1 F, CL
RIM 753.37
IE 748.35 (18" W,E)
IE 749.87 (12" S)

ST-3
STA: 114+22.51; 42.6 LT
EXIST. MH (RECON)
EXIST. RIM 753.99
W/TY 24 F&G
NEW RIM 753.62
IE 748.94 (12" RCP N)
IE 748.94 (18" RCP E)
IE 748.94 (18" RCP W)

ST-5
STA: 213+02.28; 43.6 RT
2' IN TY A
W/TY 24 F&G
RIM 755.14
IE 752.20 (12" SE)

ST-6
STA: 117+01.76; 47.0 LT
4' CB TY A
W/TY 24 F&G
RIM 755.55
IE 751.80 (8" N)
IE 751.65 (12" NW,S)

ST-7
STA: 117+01.61; 37.8 LT
EXIST. MH
EXIST. RIM 755.58
ADJ. RIM 755.69
IE 751.78 (24" RCP E)
IE 751.38 (24" RCP S)
IE 751.43 (12" N)

ST-7a
STA: 116+76.37; 4.0 LT
2' IN TY A
W/TY 11 F&G
RIM 755.80
IE 751.34 (12" E)

ST-7b
STA: 117+00.54; 4.0 LT
4' CB TY A
W/TY 11 F&G
RIM 755.85
IE 751.21 (24" N,S)
IE 751.21 (12" W)

ST-8
STA: 118+06.96; 47.0 LT
4' CB TY A
W/TY 24 F&G
RIM 756.20
IE 753.20 (12" S)

ST-9
STA: 118+06.99; 38.6 LT
4' MH TY A
W/TY 1 F, CL
RIM 756.33
IE 753.10 (12" N)
IE 753.17 (12" S)
IE 752.31 (24" W,E)

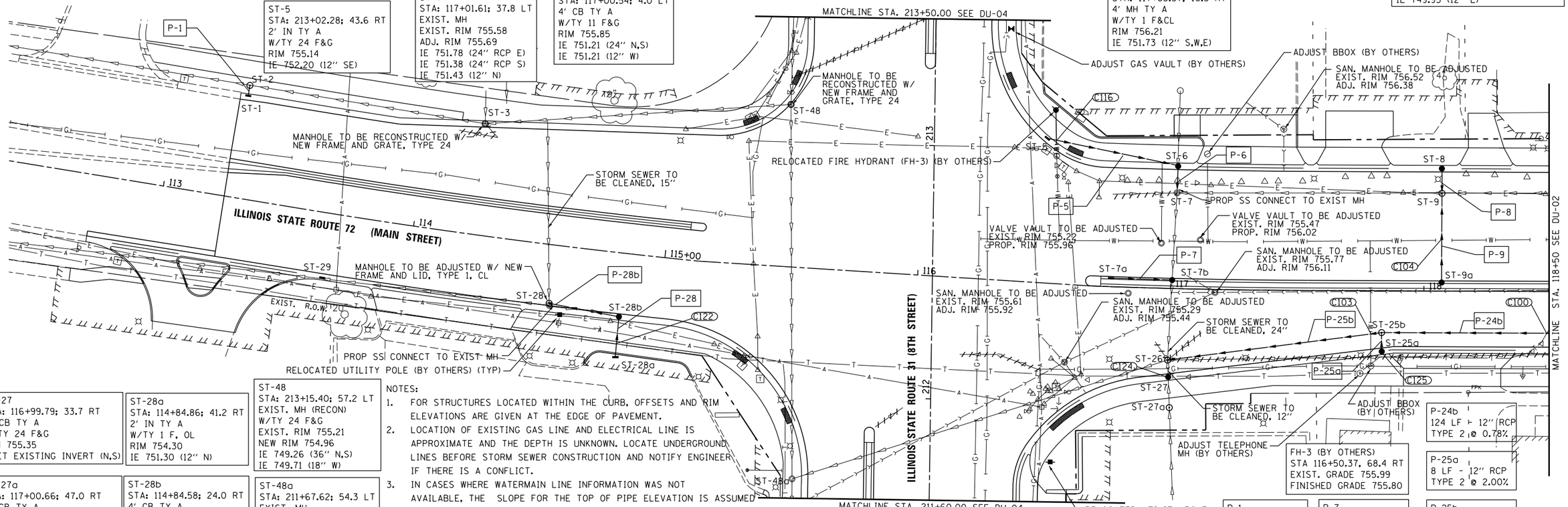
ST-9a
STA: 118+06.99; 4.0 LT
4' CB TY A
W/TY 11 F&G
RIM 756.52
IE 753.52 (12" N)

ST-25a
STA: 117+83.37; 22.6 RT
4' CB TY A
W/TY 24 F&G
RIM 756.09
IE 751.89 (12" N)

ST-25b
STA: 117+83.37; 16.5 RT
4' MH TY A
W/TY 1 F&CL
RIM 756.21
IE 751.73 (12" S,W,E)

ST-26
STA: 116+99.54; 28.3 RT
5' MH TY A
W/TY 1 F, CL
RIM 755.45
IE 751.05 (24" RCP N,SW)
IE 751.25 (12" RCP S)
IE 751.05 (12" E)

ST-28
STA: 114+56.81; 23.1 RT
EXIST. MH
W/TY 1 F, CL
EXIST. RIM 753.58
ADJ. RIM 753.82
IE 750.73 (15" RCP N)
IE 749.93 (36"x22" ELLIPTICAL W)
IE 749.93 (12" E)



ST-27
STA: 116+99.79; 33.7 RT
4' CB TY A
W/TY 24 F&G
RIM 755.35
MEET EXISTING INVERT (N,S)

ST-28a
STA: 114+84.86; 41.2 RT
2' IN TY A
W/TY 1 F, OL
RIM 754.30
IE 751.30 (12" N)

ST-48
STA: 213+15.40; 57.2 LT
EXIST. MH (RECON)
W/TY 24 F&G
EXIST. RIM 755.21
NEW RIM 754.96
IE 749.26 (36" N,S)
IE 749.71 (18" W)

ST-27a
STA: 117+00.66; 47.0 RT
4' CB TY A
W/TY 8 F&G
RIM 755.30
MEET EXISTING INVERT (N,S)

ST-28b
STA: 114+84.58; 24.0 RT
4' CB TY A
W/TY 24 F&G
RIM 754.24
IE 750.21 (12" W)
IE 751.14 (12" S)

ST-48a
STA: 211+67.62; 54.3 LT
EXIST. MH
EXIST. RIM 755.43
ADJ. RIM 755.79
IE 748.48 (48" N,S)
IE 749.12 (24" E)

ST-29
STA: 113+67.60; 24.0 RT
4' CB TY A
W/TY 24 F&G
RIM 753.34
IE 749.71 (W,E)

NOTES:

1. FOR STRUCTURES LOCATED WITHIN THE CURB, OFFSETS AND RIM ELEVATIONS ARE GIVEN AT THE EDGE OF PAVEMENT.
2. LOCATION OF EXISTING GAS LINE AND ELECTRICAL LINE IS APPROXIMATE AND THE DEPTH IS UNKNOWN. LOCATE UNDERGROUND LINES BEFORE STORM SEWER CONSTRUCTION AND NOTIFY ENGINEER IF THERE IS A CONFLICT.
3. IN CASES WHERE WATERMAIN LINE INFORMATION WAS NOT AVAILABLE, THE SLOPE FOR THE TOP OF PIPE ELEVATION IS ASSUMED AT 0% AND CROSSING INFORMATION IS NOTED AS '(EST.)'. CONTRACTOR SHALL LOCATE POTENTIAL CONFLICTS AND NOTIFY THE ENGINEER PRIOR TO INSTALLING STORM SEWER LINES.
4. IN CASES WHERE SANITARY SEWER INVERT ELEVATIONS WERE NOT AVAILABLE, CONTRACTOR SHALL LOCATE POTENTIAL CONFLICTS AND NOTIFY THE ENGINEER PRIOR TO INSTALLING STORM SEWER LINES.
5. SEE THE STREET LIGHTING PLAN SHEETS FOR LIGHT POLE REMOVAL AND RELOCATION.
6. SEE TRAFFIC SIGNAL PLAN SHEETS FOR REMOVALS RELATED TO TRAFFIC SIGNAL EQUIPMENT.

UTILITY CROSSINGS

C100 12" ST - IE 752.24
TELEPHONE LINE
DEPTH IS UNKNOWN

C103 ST-25: 4' CB
12" ST IE 751.70
WM T/P 749.28 (EST.)

C104 12" ST IE 753.35
WM T/P 749.50

C116 12" ST IE 752.08
WM T/P 748.77 (EST.)

C122 12" ST - IE 751.25
TELEPHONE LINE
DEPTH IS UNKNOWN

C124 ST-27: 4' CB
TELEPHONE LINE
DEPTH IS UNKNOWN

C125 ST-25a: 4' CB
TELEPHONE LINE
DEPTH UNKNOWN

FH-3 (BY OTHERS)
STA 116+50.37, 68.4 RT
EXIST. GRADE 755.99
FINISHED GRADE 755.80

P-1
5 LF - 12" RCP
TYPE 2 @ 1.00%

P-5
53 LF - 12" RCP
TYPE 2 @ 1.04%

P-6
10 LF - 12" RCP
TYPE 2 @ 2.20%

P-7
24 LF - 12" RCP
TYPE 2 @ 0.52%

P-8
10 LF - 12" RCP
TYPE 2 @ 1.00%

P-9
35 LF - 12" RCP
TYPE 2 @ 1.00%

P-24b
124 LF - 12" RCP
TYPE 2 @ 0.78%

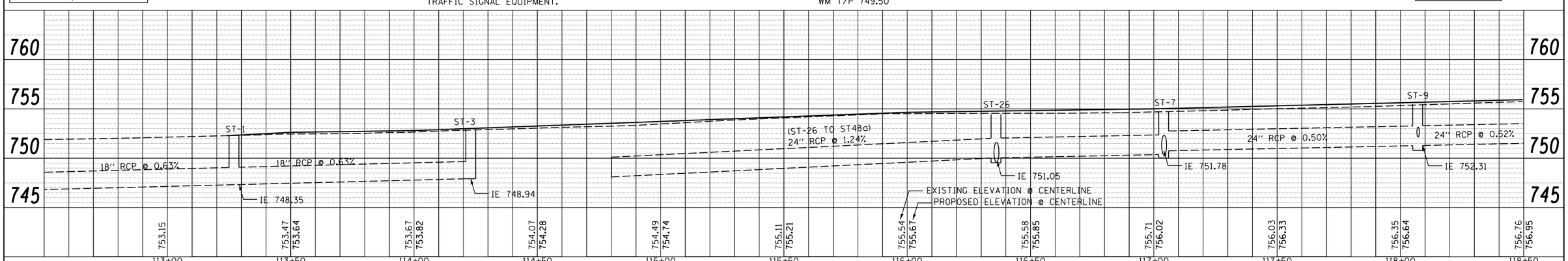
P-25a
8 LF - 12" RCP
TYPE 2 @ 2.00%

P-25b
85 LF - 12" RCP
TYPE 2 @ 0.80%

P-28
16 LF - 12" RCP
TYPE 2 @ 1.00%

P-28b
28 LF - 12" RCP
TYPE 2 @ 1.00%

N



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 NOTAT'NS CH'KD ____
BY
DATE

V3 Companies
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Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com
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USER NAME = $USER$	DESIGNED ESI	REVISED - 08/29/12	
	CHECKED GJS	REVISED -	
PLOT SCALE = $SCALE$	DRAWN ESI	REVISED -	
PLOT DATE = $DATE$	CHECKED 07/03/12	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE AND UTILITY PLAN

SCALE: 1" = 20' | SHEET NO. 1 OF 6 SHEETS | STA. 113+00 TO STA. 118+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	S-N	KANE	153	79

CONTRACT NO. 60A95

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT