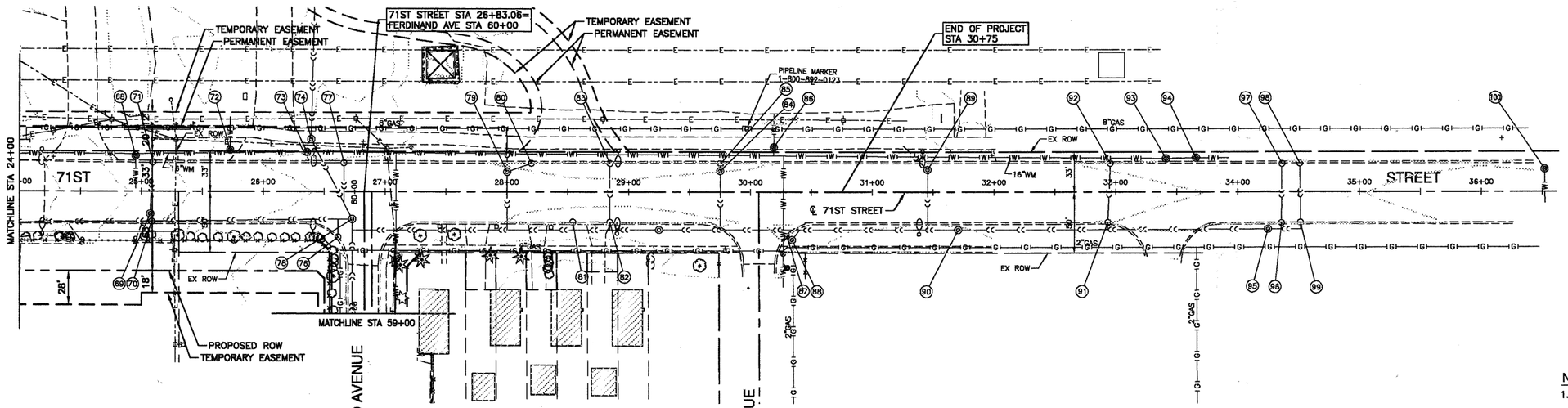
SECTION 24, TOWNSHIP 38, RANGE 12
SECTION 25, TOWNSHIP 38, RANGE 12



69 EX MH RIM=617.29 S 12" INV=613.15 N 12" INV=611.49	71 EX CB RIM=617.21 S 12" INV=612.46	73 EX WVB RIM=615.96 E-W 16" T/M=610.26
70 EX CB RIM=617.11 N 12" INV=614.71	72 EX WVB RIM=616.81 N-S 12" T/P=611.56	74 EX MH RIM=616.51 N-S 12" INV=603.79

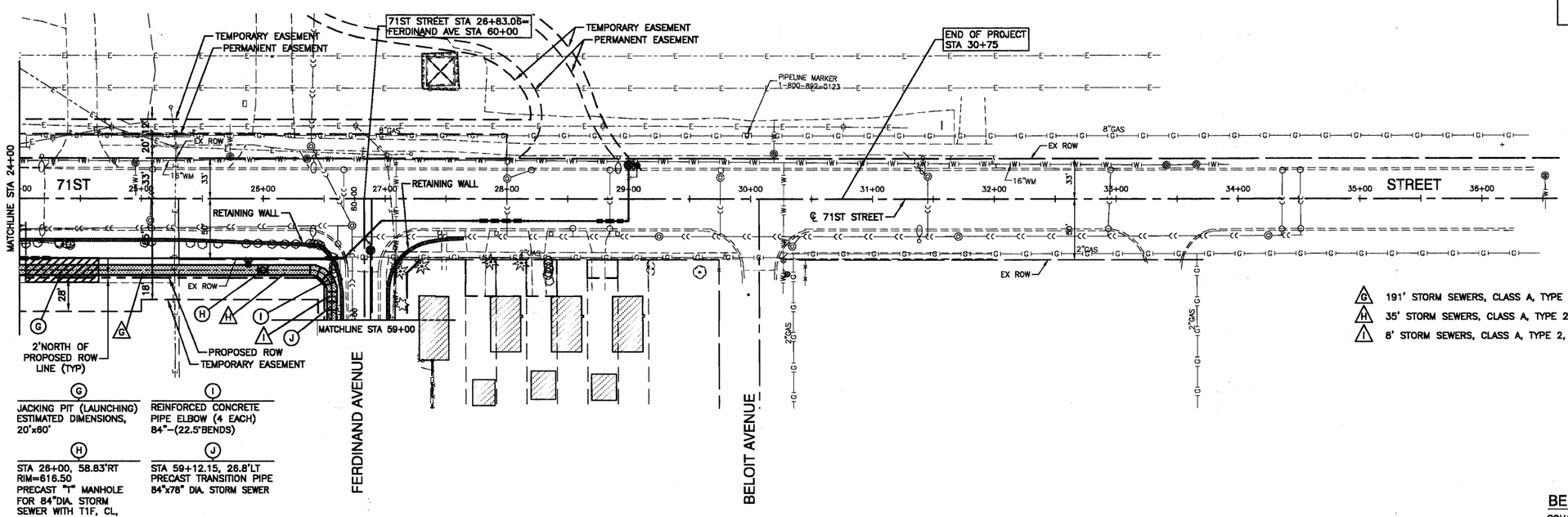
76 EX CB RIM=615.26 N 12" INV=609.84	78 EX MH RIM=615.54 N 12"INV=603.84 S 78" INV=603.42 W 84" INV=603.42	80 EX CB RIM=614.83 SW 12" INV=612.33	82 EX CB RIM=614.72 N 12" INV=609.44 S 12" INV=608.97	
77 EX CB RIM=615.50 S 12" INV=610.12	79 EX MH RIM=615.06 NE 12" INV=611.37 N-S 15" INV=610.19	81 EX CB RIM=614.71 S 12" INV=609.11	83 EX CB RIM=614.75 S 12" INV=610.45	

84 EX MH RIM=615.03 N 12" INV=611.33 S 12" INV=610.38	86 EX WVB RIM=615.34 T/M=609.52	88 EX MH RIM=615.69 NW 12" INV=610.09 NE 12" INV=609.59	90 EX MH RIM=616.15 E-W 24" INV=604.10	92 EX CB RIM=614.84 S 12" INV=610.18	94 EX WVB RIM=615.51 T/M=608.21	96 EX CB RIM=614.43 N 12" INV=608.78 S 12" INV=608.43	98 EX CB RIM=614.42 S 12" INV=610.17	100 EX WVB RIM=614.91 T/M=609.68
85 EX INLET RIM=614.83 S 12" INV=612.28	87 EX INLET RIM=614.88 SE 12" INV=612.16	89 EX MH RIM=615.54 NW 15" INV=611.81 S 15" INV=611.29	91 EX CB RIM=614.92 N 12" INV=609.87 S 12" INV=609.57	93 EX WVB RIM=615.21 T/M=608.16	95 EX MH RIM=615.36 E-W 24" INV=604.46	97 EX CB RIM=614.43 S 12" INV=609.73	99 EX CB RIM=614.60 N 12" INV=608.94 S 12" INV=608.70	

EXISTING CONDITIONS

NOTES:

1. ALL RIM ELEVATIONS OF STRUCTURES IN THE PROPOSED CURB LINE ARE GIVEN TO THE EDGE OF PAVEMENT. ALL OTHER RIM ELEVATIONS ARE GIVEN TO THE CENTER OF STRUCTURES. ALL CALLOUTS REFERENCE THE CENTERLINE OF CONSTRUCTION OF 71ST STREET.
2. (X.X) – DENOTES CUBIC YARDS OF TRENCH BACKFILL.
3. DIRECT CONNECTIONS OF STORM SEWERS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER.
4. WHEN 10FT SEPARATION IS NOT MAINTAINED BETWEEN THE WATER MAIN AND 84" RCP THE JOINTS OF THE PIPE SHALL BE SEALED WITH TYLOX, TYPE C GASKETS, OR AN APPROVED EQUIVALANT CONFORMING TO ASTM STANDARDS C443 AND C361. GASKETS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF STORM SEWER WHEN REQUIRED.



G JACKING PIT (LAUNCHING) ESTIMATED DIMENSIONS, 20'x60'

H STA 26+00, 58.83'RT RIM=616.50 PRECAST "T" MANHOLE FOR 84"DIA. STORM SEWER WITH T1F, CL, E-W 84" INV=603.46

I REINFORCED CONCRETE PIPE ELBOW (4 EACH) 84"-(22.5°BENDS)

J STA 59+12.15, 26.8'LT PRECAST TRANSITION PIPE 84"x78" DIA. STORM SEWER

G 191' STORM SEWERS, CLASS A, TYPE 2, 84" @ 0.02% (692.6)
H 35' STORM SEWERS, CLASS A, TYPE 2, 84" @ 0.02% (95.5)
I 8' STORM SEWERS, CLASS A, TYPE 2, 84" @ 0.02% (23.0)

PROPOSED IMPROVEMENT

BENCH MARK: BVW249

SQUARE CUT ON N CONC BASE OF RR SIGNAL MAST ARM BASE ON S ROW OF 71ST STREET ½ MILE WEST OF HARLEM AVENUE ELEVATION=620.57

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
GRADES CHECKED		
B.M. NOTED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
NOTE BOOK		

FILE NAME = 06953-PLPR-01 - P02	USER NAME =	DESIGNED — PKB	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	71ST STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		CHECKED — PKB	REVISED —		STORM SEWER PLAN - 84"	1537	06-00050-00-GS	COOK	209 / 45
	PLOT SCALE =	DRAWN — PS	REVISED —					CONTRACT NO. 63556	
	PLOT DATE = 12/23/10	CHECKED — AG	REVISED —		SCALE: 1"=50' / SHEET NO. 45 OF 209 SHEETS / STA. 24+00 TO STA. 30+75	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT CRE-9003(709)	