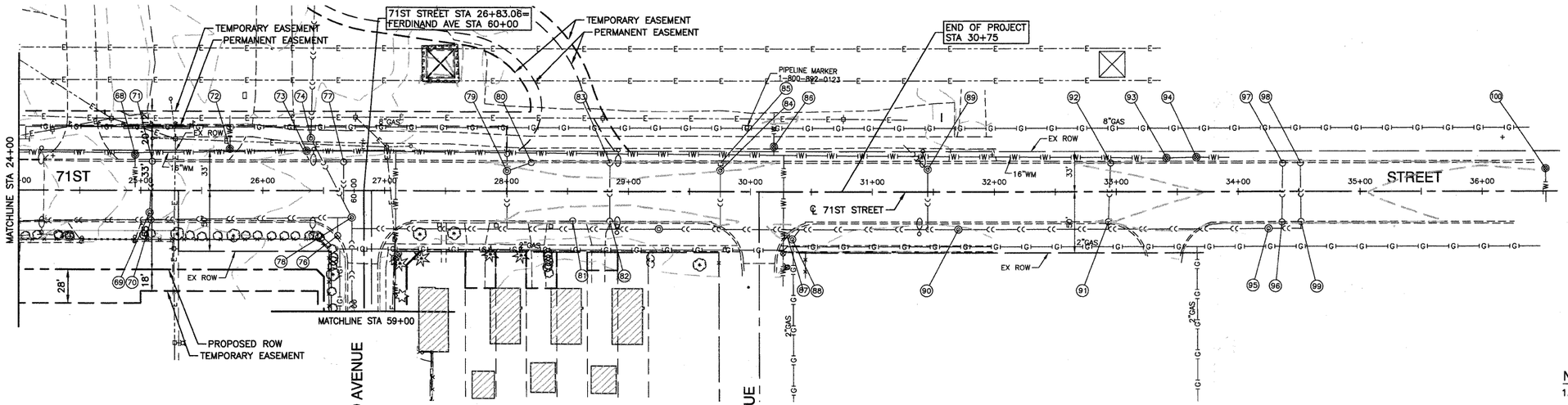
SECTION 24, TOWNSHIP 38, RANGE 12
SECTION 25, TOWNSHIP 38, RANGE 12

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
FIELD BK. NO. CHECKED
NOTE BOOK
NO.
BY
DATE



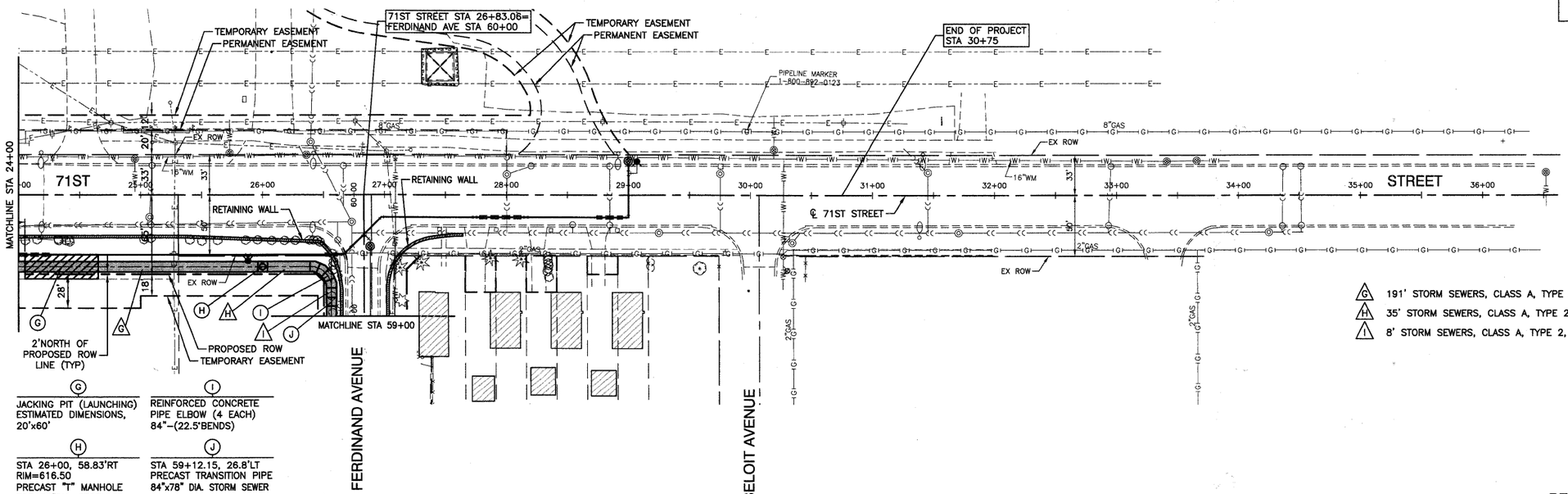
69	71	73	78	78	80	82	84	86	88	90	92	94	96	98	100
EX MH RIM=617.29 S 12" INV=613.15 N 12" INV=611.49	EX CB RIM=617.21 S 12" INV=612.46	EX WVB RIM=615.96 E-W 16" T/M=610.26	EX CB RIM=615.26 N 12" INV=609.84	EX MH RIM=615.54 N 12"INV=603.84 S 78° INV=603.42 W 84" INV=603.42	EX CB RIM=614.83 SW 12" INV=612.33	EX CB RIM=614.72 N 12" INV=609.44 S 12" INV=608.97	EX MH RIM=615.03 N 12" INV=611.33 S 12" INV=610.38	EX WVB RIM=615.34 T/M=609.52	EX MH RIM=615.69 NW 12" INV=610.09 NE 12" INV=609.59	EX MH RIM=616.15 E-W 24" INV=604.10	EX CB RIM=614.84 S 12" INV=610.18	EX WVB RIM=615.51 T/M=608.21	EX CB RIM=614.43 N 12" INV=608.78 S 12" INV=608.43	EX CB RIM=614.42 S 12" INV=610.17	EX WVB RIM=614.91 T/M=609.68
70	72	74	77	79	81	83	85	87	89	91	93	95	97	99	
EX CB RIM=617.11 N 12" INV=614.71	EX WVB RIM=616.81 N-S 12" T/P=611.56	EX MH RIM=616.51 N-S 12" INV=603.79	EX CB RIM=615.50 S 12" INV=610.12	EX MH RIM=615.06 NE 12" INV=611.37 N-S 15" INV=610.19	EX CB RIM=614.71 S 12" INV=609.11	EX CB RIM=614.75 S 12" INV=610.45	EX INLET RIM=614.83 S 12" INV=612.28	EX INLET RIM=614.88 SE 12" INV=612.16	EX MH RIM=615.54 NW 15" INV=611.81 S 15" INV=611.29	EX CB RIM=614.92 N 12" INV=609.87 S 12" INV=609.57	EX WVB RIM=615.21 T/M=608.16	EX MH RIM=615.36 E-W 24" INV=604.46	EX CB RIM=614.43 S 12" INV=609.73	EX CB RIM=614.60 N 12" INV=608.94 S 12" INV=608.70	

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.

EXISTING CONDITIONS

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



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

FILE NAME = 09353-PLPR-01 - P02	USER NAME =	DESIGNED — PKB	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		CHECKED — PKB	REVISED —	
	PLOT SCALE =	DRAWN — PS	REVISED —	
	PLOT DATE = 12/23/10	CHECKED — AG	REVISED —	

71ST STREET
STORM SEWER PLAN - 84"
SCALE: 1"=50' | SHEET NO. 45 OF 209 SHEETS | STA. 24+00 TO STA. 30+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	45
		CONTRACT NO. 63556		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT CRE-9003(709)		

IET SAVED BY: RGONDEK ON 1/14/11
CITTED BY: RICHARD GONDEK ON 2/3/11