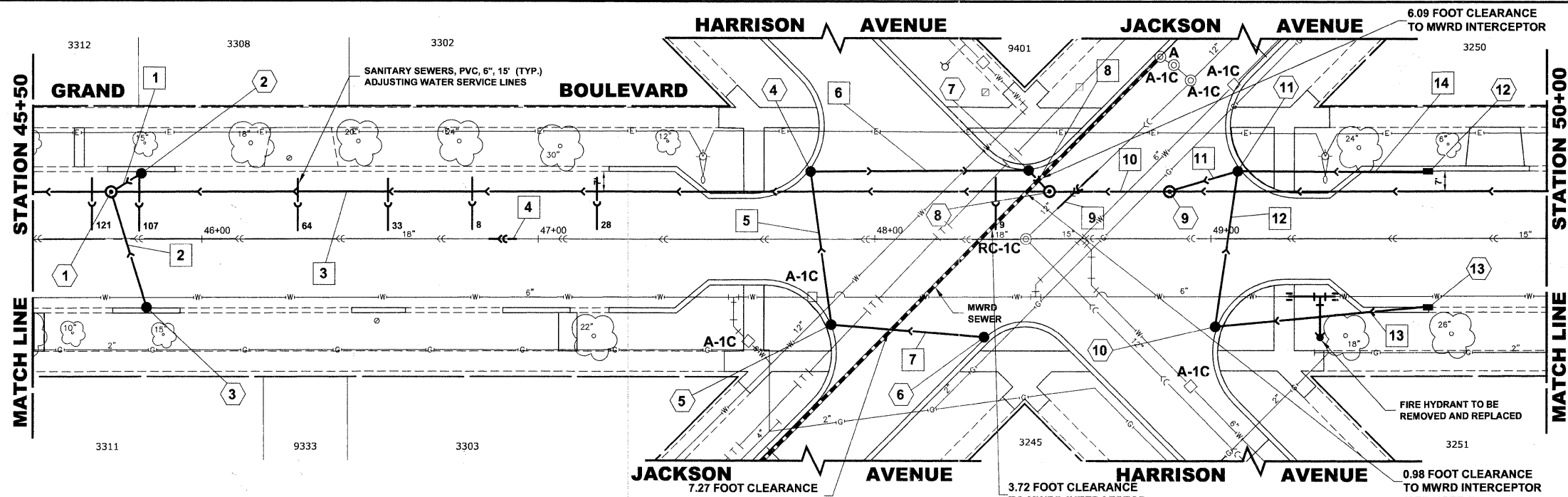


STRUCTURE NO.	STATION	OFFSET	TYPE	R/W EL.	INVERT ELEVATION
1	45+73	14 LT	MANHOLES, TYPE A 9" DIA. TYPE 1 FRAME, CLOSED LID	621.20	611.31 (42" SE-NW) 616.85 (10' NE) 617.15 (10' SW)
2	45+82	20 LT	CATCH-BASIN, TYPE A 4' DIA. TYPE 1 FRAME, OPEN LID	621.00	617.25 (10' E)
3	45+83	20 RT	CATCH-BASIN, TYPE A 4' DIA. TYPE 1 FRAME, OPEN LID	620.95	617.20 (10' SW)
4	47+81	20 LT	CATCH-BASIN, TYPE A 4' DIA. TYPE 1 FRAME, OPEN LID	621.10	617.65 (12' NE) 617.65 (12' NW)
5	47+87	25 RT	CATCH-BASIN, TYPE A 4' DIA. TYPE 1 FRAME, OPEN LID	621.00	617.85 (10' NW) 617.85 (12' SW)
6	48+34	25 RT	CATCH-BASIN, TYPE A 4' DIA. TYPE 1 FRAME, OPEN LID	621.10	618.10 (10' SE)
7	48+46	20 LT	CATCH-BASIN, TYPE A 4' DIA. TYPE 1 FRAME, OPEN LID	621.05	617.36 (12' SW) 617.36 (12' N)
8	48+52	14 LT	MANHOLES, TYPE A 9" DIA. TYPE 1 FRAME, CLOSED LID	621.30	608.45 (42" NW) 611.56 (42" SE) 617.32 (12' S)
9	48+57	14 LT	MANHOLES, TYPE A 9" DIA. TYPE 1 FRAME, CLOSED LID	621.40	608.76 (42" SE) 612.06 (35' NW) 616.87 (12' W-NW)
10	49+01	25 RT	CATCH-BASIN, TYPE A 4' DIA. TYPE 1 FRAME, OPEN LID	621.10	617.01 (10' NW) 617.01 (12' SW)
11	49+08	20 LT	CATCH-BASIN, TYPE A 4' DIA. TYPE 1 FRAME, OPEN LID	621.10	616.55 (12' NE) 616.55 (12' SE) 617.08 (10' NW)
12	49+55	20 LT	INLETS, TYPE A TYPE 1 FRAME, OPEN LID	621.15	617.65 (10' SE)
13	49+55	20 RT	INLETS, TYPE A TYPE 1 FRAME, OPEN LID	621.15	617.65 (10' SE)

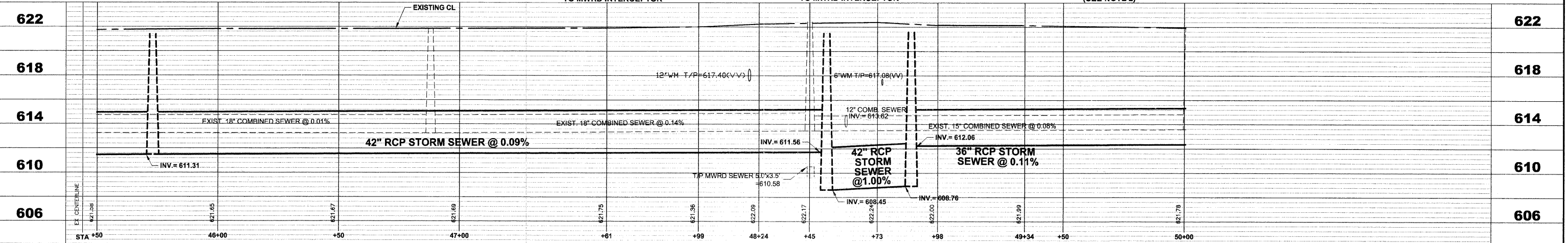
EXISTING TOPOGRAPHY



PIPE NO.	LENGTH	PAY ITEM	SLOPE	C.Y.T.B.
1	10'	STORM SEW CL B 2 10	1.00%	0.7
2	35'	STORM SEW CL B 2 10	1.00%	2.9
3	275'	SS RG CL A 2 42	0.09%	348.9
4	8'	15" PVC CS PIPE REPL	0.114%	2.2
5	45'	SS DI T1 12	0.44%	0.0
6	65'	SS DI T1 12	0.44%	0.0
7	45'	SS DI T1 10	0.56%	0.0
8	10'	STORM SEW CL B 2 12	0.44%	0.0
9	15'	12" PVC CS PIPE REPL	0.194%	3.8
10	31'	SS RG CL A 2 42	1.00%	58.7
11	21'	STORM SEW CL B 2 12	1.00%	1.7
12	46'	STORM SEW CL B 2 12	1.00%	2.2
13	64'	STORM SEW CL B 2 10	1.00%	0.6
14	57'	STORM SEW CL B 2 10	1.00%	0.5

- NOTES :**
- FIGURES SHOWN AT THE END OF THE 6" SANITARY SEWER SERVICES INDICATE THE DISTANCE THE SERVICE IS FROM THE COMBINED SEWER MANHOLE.
 - SEE SHEET NO. 54 FOR MWRD SEWER CROSSING NOTES.

PROPOSED IMPROVEMENTS



Drawing file: W:\Projects\12509232 - Grand Blvd. Design_Engineer\Grand Blvd\Grand Blvd.dwg Oct. 24, 2011 - 4:45pm

<p>HANCOCK ENGINEERING Civil Engineers Municipal Consultants Established 1911</p>	USER NAME - DESIGNED - WOP, JG DRAWN - MK, DMM CHECKED - WOP, JG DATE - 10-24-11	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRAND BOULEVARD UTILITY PLAN AND PROFILE	ROUTE NO. FAU 1694 SECTION 07-00122-01-PV COUNTY COOK TOTAL SHEETS 86 SHEET NO. 5 OF 10 SHEETS STA. 45+50 TO STA. 50+00	FIELD BOOK NO. -AERIALS/LL CONTRACT NO. 63651 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003(875) E.H.E. PROJECT NO. 125-09-23201
	PLOT SCALE - PLOT DATE -	9323 Belmont Road Westchester, Illinois 60154-2706 Phone: 708-652-5200 Fax: 708-652-5212	SCALE: 1"=20'H, 1"=4'V. SHEET NO. 5 OF 10 SHEETS STA. 45+50 TO STA. 50+00			