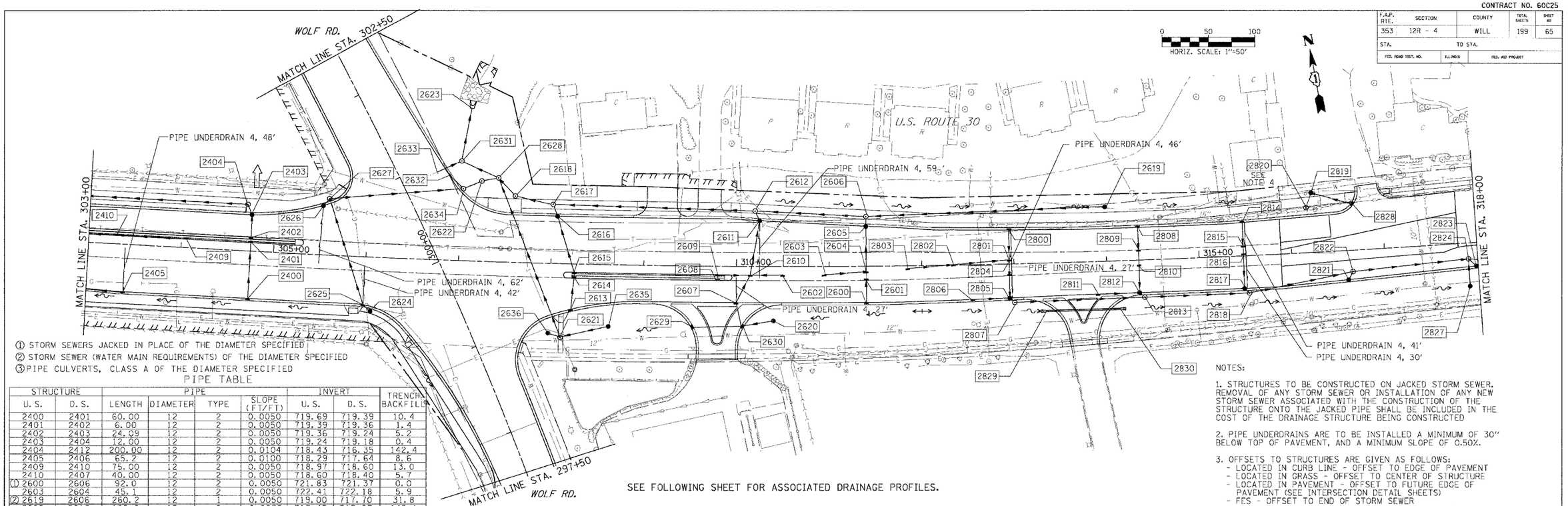
CONTRACT NO. 60C25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
353	12R - 4	WILL	199	65
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



① STORM SEWERS JACKED IN PLACE OF THE DIAMETER SPECIFIED
② STORM SEWER (WATER MAIN REQUIREMENTS) OF THE DIAMETER SPECIFIED
③ PIPE CULVERTS, CLASS A OF THE DIAMETER SPECIFIED

PIPE TABLE

STRUCTURE		PIPE				INVERT		TRENCH BACKFILL
U. S.	D. S.	LENGTH	DIAMETER	TYPE	SLOPE (FT/FT)	U. S.	D. S.	
2400	2401	60.00	12	2	0.0050	719.69	719.39	10.4
2401	2402	6.00	12	2	0.0050	719.39	719.36	1.4
2402	2403	24.09	12	2	0.0050	719.36	719.24	5.2
2403	2404	12.00	12	2	0.0050	719.24	719.18	0.4
2404	2412	200.00	12	2	0.0104	718.43	716.35	142.4
2405	2406	65.2	12	2	0.0100	718.29	717.64	8.6
2409	2410	75.00	12	2	0.0050	718.97	718.60	13.0
2410	2407	40.00	12	2	0.0050	718.60	718.40	5.7
① 2600	2606	92.0	12	2	0.0050	721.83	721.37	0.0
2603	2604	45.1	12	2	0.0050	722.41	722.18	5.9
② 2619	2606	260.2	12	1	0.0050	719.00	717.70	31.8
2606	2612	120.0	15	2	0.0032	717.45	717.07	145.1
2620	2630	34.5	12	1	0.0050	720.00	719.83	0.0
2602	2610	35.0	12	2	0.0050	722.97	722.79	5.0
2629	2630	51.0	12	2	0.0050	722.17	721.91	14.2
2630	2607	26.2	12	2	0.0050	719.83	719.70	21.8
2607	2610	33.5	12	2	0.0050	719.70	719.53	25.3
2608	2609	6.0	12	2	0.0050	723.50	723.47	0.8
2609	2610	35.0	12	2	0.0050	723.47	723.30	4.6
2610	2611	59.1	12	2	0.0050	719.53	719.23	44.9
2611	2612	11.6	12	2	0.0050	719.23	719.21	6.8
2612	2617	219.0	24	2	0.0017	716.82	716.44	363.8
2613	2614	34.1	12	2	0.0050	723.00	722.83	5.9
2614	2615	6.0	12	2	0.0050	722.83	722.80	1.4
2615	2616	62.9	12	2	0.0050	722.48	722.17	12.9
2616	2617	13.6	12	2	0.0050	722.48	722.42	4.5
2617	2618	42.1	24	2	0.0017	716.44	716.38	46.3
2618	2628	26.7	24	2	0.0017	716.37	716.33	0.0
① 2621	2628	183.9	24	3	0.0050	714.50	713.89	0.0
2633	2631	29.7	30	3	0.0030	710.70	710.61	27.6
2628	2631	44.5	24	3	0.0033	713.63	713.48	0.0
2631	2623	58.3	42	5	0.0020	700.89	700.77	0.0
2624	2625	10.9	12	1	0.0017	719.68	719.66	0.0
2625	2627	119.6	24	2	0.0017	719.66	719.46	24.5
2626	2627	10.0	12	2	0.0050	720.19	720.14	1.6
② 2627	2634	146.0	24	2	0.0017	719.46	719.21	49.4
2632	2634	20.3	12	2	0.0050	721.46	721.36	3.1
2634	2622	21.7	24	2	0.0017	719.21	719.17	0.0
2622	2628	18.7	24	2	0.0017	719.17	719.14	0.0
2635	2621	52.5	12	2	0.0050	718.37	718.11	0.0
2636	2621	13.5	12	2	0.0050	719.90	718.93	0.0
2803	2802	50.1	12	2	0.0050	721.60	721.35	6.6
2802	2801	50.1	12	2	0.0050	721.35	721.05	7.8
2800	2801	32.0	12	2	0.0050	720.63	720.47	3.9
2801	2804	17.0	12	2	0.0050	720.47	720.38	3.9
2804	2805	24.0	12	2	0.0050	720.25	720.26	4.2
2806	2805	40.0	12	2	0.0050	720.94	720.74	10.7
2805	2807	7.1	12	2	0.0100	720.26	720.19	0.4
2807	2813	140.0	36	2	0.0010	713.96	713.82	144.3
2808	2809	24.0	12	2	0.0050	719.55	719.43	3.7
2809	2810	17.7	12	2	0.0050	719.43	719.34	3.2
2810	2812	28.3	12	2	0.0050	719.34	719.20	4.9
2811	2812	45.0	12	1	0.0050	719.90	719.68	5.9
2812	2813	7.1	12	2	0.0050	719.20	719.16	1.2
2813	2818	113.0	36	2	0.0010	713.82	713.71	142.5
2814	2815	24.7	12	2	0.0050	718.68	718.56	3.5
2815	2816	10.2	12	2	0.0050	718.56	718.51	2.0
2816	2817	35.8	12	2	0.0050	718.51	718.33	6.6
2817	2818	7.1	12	2	0.0050	718.53	718.29	0.4
2818	2822	113.8	36	2	0.0010	713.71	713.59	109.9
2828	2819	47.2	12	1	0.0050	717.60	717.36	5.6
2819	2820	16.9	12	1	0.0050	717.36	717.28	11.5
2821	2822	9.6	12	2	0.0050	716.30	716.25	2.6
② 2822	2824	125.4	36	1	0.0010	713.59	713.47	69.0
2823	2824	11.6	12	2	0.0050	714.90	714.84	1.5
② 2827	2824	29.4	12	1	0.0150	714.00	713.56	1.7
2824	2825	77.3	42	1	0.0009	713.47	713.40	15.2
③ 2829	2830	87.0	15	1	0.0008	722.34	721.65	5.6

SEE FOLLOWING SHEET FOR ASSOCIATED DRAINAGE PROFILES.

STRUCTURE TABLE

STRUCTURE					RIM ELEVATION	INVERT ELEVATION			
STR. #	STATION	OFFSET	TYPE	FRAME		NORTH	EAST	SOUTH	WEST
2400	304+75.00	51.0	CB C	24	723.85	719.69			
2401	304+75.00	-9.0	IN B	11V	724.63	719.39		719.39	
2402	304+75.00	-15.0	IN B	24	724.63	719.36		719.36	
2403	304+75.00	-39.1	CB A4	24	724.15	719.24		719.24	
2404	304+70.00	-50.0	MH A4	1-CL	724.44			719.18	718.43
2405	303+40.00	50.1	CB C	24	722.45				718.29
2409	304+05.00	-9.0	CB C	11V	723.45				718.97
2410	303+30.00	-9.0	IN B	11V	723.13		718.60		718.60
2600	311+40.00	39.0	CB C	24	725.99	721.83			
2601	311+40.00	15.0	IN B	24	726.47	721.71		721.71	
2602	310+50.00	8.9	CB C	24	727.16				722.97
2603	310+95.00	8.8	CB C	24	726.82		722.41		
2604	311+40.00	5.7	IN B	24	726.41			721.66	722.18
2605	311+40.00	-42.9	CB A4	24	725.90	721.42		721.42	
2606	311+40.00	-53.4	MH A4	1-CL	726.24		717.70	721.37	717.45
2607	310+00.00	39.0	CB C	24	727.07	719.70		719.70	
2608	309+80.00	15.0	CB C	24	727.70	723.50			
2609	309+80.00	9.0	IN B	11V	727.70		723.47	723.47	
2610	310+15.00	9.0	IN B	24	727.44	719.53	722.79	719.53	723.30
2611	310+25.00	-49.2	CB A4	24	726.62	719.23		719.23	
2612	310+20.00	-59.7	MH A5	1-CL	726.95		717.07	719.18	716.82
2613	308+22.00	53.7	CB C	24	727.19	723.00			
2614	308+25.00	15.0	IN B	24	728.04	722.83		722.83	
2615	308+25.00	9.0	IN B	11V	728.04	722.80		722.80	
2616	308+06.00	-51.0	CB A4	24	727.16	722.48		722.48	
2617	308+01.00	-63.6	MH A5	1-CL	727.42		716.44	722.42	716.44
2618	307+60.00	-71.55	RMH	*	727.10		716.37		716.37
2619	314+00.00	-59.0	CB C	8	722.80				719.00
2620	310+40.00	58.6	CB C	8	723.70				720.00
2621	308+12.00	79.0	MH A5	1-CL	722.64	714.50	718.11		719.83
2622	307+22.70	-86.7	RMH	*	725.00		718.83		718.83
2623	307+09.00	-165.3	FES 42		-			700.78	
2624	305+82.40	-58.8	CB C	8	724.93	719.68			
2625	305+99.00	51.6	CB A5	24	725.15	719.66		719.66	
2626	305+51.60	-53.1	CB C	24	724.75		720.59		
2627	305+58.00	-60.8	MH A5	1-CL	724.80		719.46	719.46	720.53
2628	307+41.00	-90.6	MH A5	1-CL	723.50	713.63	719.14	713.89	716.33
2629	309+55.00	66.2	CB C	24	726.23		722.17		
2630	310+06.00	64.5	IN B	24	726.23	719.83	719.83		721.91
2631	307+00.00	-107.8	MH A5	1-CL	721.00	700.89	713.48		710.61
2632	306+87.50	-90.7	CB A4	24	725.56			721.46	
2633	306+73.43	-84.6	**				710.70		
2634	307+06.70	-77.6	MH A5	1-CL	726.35	721.36	719.21		719.21
2635	308+63.00	66.4	CB C	8	722.63				718.37
2636	307+99.00	75.4	CB C	8	724.10		719.90		

* SEE DETAIL 'MANHOLE WITH RESTRICTOR PLATE'
** SEE DETAIL 'DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER'

NOTES:

1. STRUCTURES TO BE CONSTRUCTED ON JACKED STORM SEWER, REMOVAL OF ANY STORM SEWER OR INSTALLATION OF ANY NEW STORM SEWER ASSOCIATED WITH THE CONSTRUCTION OF THE STRUCTURE ONTO THE JACKED PIPE SHALL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE BEING CONSTRUCTED

2. PIPE UNDERDRAINS ARE TO BE INSTALLED A MINIMUM OF 30" BELOW TOP OF PAVEMENT, AND A MINIMUM SLOPE OF 0.50%.

3. OFFSETS TO STRUCTURES ARE GIVEN AS FOLLOWS:
- LOCATED IN CURB LINE - OFFSET TO EDGE OF PAVEMENT
- LOCATED IN GRASS - OFFSET TO CENTER OF STRUCTURE
- LOCATED IN PAVEMENT - OFFSET TO FUTURE EDGE OF PAVEMENT (SEE INTERSECTION DETAIL SHEETS)
- FES - OFFSET TO END OF STORM SEWER

4. FIELD VERIFY LOCATION OF PROPOSED MANHOLE 2820 WITH LOCATION OF EXISTING STORM SEWER AND DETERMINE INVERT FOR EXISTING STORM SEWER. CHECK EXISTING INVERT FOR COMPATIBILITY WITH PROPOSED STORM SEWER SYSTEM.

STRUCTURE TABLE (CONT.)

STRUCTURE					RIM ELEVATION	INVERT ELEVATION			
STR. #	STATION	OFFSET	TYPE	FRAME		NORTH	EAST	SOUTH	WEST
2800	312+95.00	-36.5	CB C	24	724.79			720.63	
2801	312+95.00	-4.5	IN B	24	725.15	720.47		720.47	721.05
2802	312+35.00	-0.7	IN B	24	725.59		721.35		721.35
2803	311+85.00	2.8	CB C	24	726.02		721.60		
2804	312+95.00	12.5	CB C	24	725.27	720.38		720.38	
2805	312+95.00	36.5	CB A4	24	724.79	720.26		720.26	720.74
2806	312+55.00	37.3	CB C	24	725.10		720.94		
2807	313+00.00	41.5	MH A5	1-CL	725.13	720.19	713.96		
2808	314+35.00	-35.0	CB C	24	723.71			719.55	
2809	314+35.00	-11.0	IN B	24	724.19	719.43		719.43	
2810	314+35.00	6.7	IN B	24	724.28	719.34		719.34	
2811	313+90.00	35.0	CB C	24	724.06		719.90		
2812	314+35.00	35.0	CB A4	24	723.71	719.20		719.20	719.68
2813	314+40.00	40.0	MH A5	1-CL	724.05	719.16	713.82		713.82
2814	315+48.00	-35.7	CB C	24	722.83			718.68	
2815	315+48.00	-11.0	IN B	24	723.32	718.56		718.56	
2816	315+48.00	-0.8	IN B	24	723.51	718.51		718.51	
2817	315+48.00	35.0	CB A4	24	722.84	718.33		718.33	
2818	315+53.00	40.0	MH A5	1-CL	723.18	718.29	713.71		713.71
2819	316+24.00	-64.2	CB A4	8	721.23		717.37	717.37	
2820	316+18.00	-48.5	MH A4	1-CL	722.59	717.28	TBD		TBD
2821	316+60.00	31.3	CB C	24	721.32			716.30	
2822	316+65.00	23.0	MH A5	1-CL	721.60	716.25	713.59		713.59
2823	317+98.00	25.4	CB C	24	719.00			714.90	
2824	317+90.00	17.0	MH A5	1-CL	719.06	714.84	713.47	713.56	713.47
2827	317+90.00	46.4	CB C	8	716.66	714.00			
2828	316+68.80	-49.2	CB C	24	721.60				717.60
2829	313+30.00	51.9	FES 15						722.34
2830	314+17.00	51.9	FES 15					721.65	

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES

U.S. RTE. 30 (LINCOLN HIGHWAY)

STA. 303+00 TO STA. 318+00

SCALE : 1" = 50' DRAWN BY : BAE
DATE : 03/21/2008 CHECKED BY : GB