

CONTRACT NO. 62700

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	120
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2[W,R];6,6A & 6 EXT) WRS-1				

STA 310+00 TO STA 317+00

STRUCT NO	LOCATION		STRUCTURE TYPE	FRAME & LID OR GRATE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET				NORTH	SOUTH	EAST	WEST
351	311+00.00	27.00 FT LT	MH, TY A, 4 FT DIA	TY 1 FR & CL	788.50	786.11	786.11	786.11	
352	311+00.00	19.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	788.87				786.13
353	312+55.00	27.00 FT LT	MH, TY A, 4 FT DIA	TY 1 FR & CL	789.76	786.63	786.63	786.88	786.88
354	312+23.50	50.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	789.11				787.06
355	312+55.00	19.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	789.38				786.90
356	313+75.00	27.00 FT LT	MH, TY A, 4 FT DIA	TY 1 FR & CL	790.31	787.03	787.03	787.03	
357	313+75.00	19.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	789.93				787.05
358	315+10.00	27.00 FT LT	CB, TY A, 4 FT DIA	TY 8 GR	790.50	788.65	788.12		
359	315+75.00	27.00 FT LT	CB, TY A, 4 FT DIA	TY 8 GR	792.00		789.02	789.02	
360	315+75.00	19.00 FT LT	INLET, TY A	TY 24 FR & GR	792.44				789.26

STA 310+00 TO STA 317+00

PIPE NO	LOCATION				SIZE in	LENGTH ft	TYPE	SLOPE	TRENCH BACKFILL cu yd
	FROM		TO						
	STATION	OFFSET	STATION	OFFSET					
351	311+00.00	27.00 FT LT	309+75.00	27.00 FT LT	15	121.4	1	0.34%	0.0
352	311+00.00	19.00 FT LT	311+00.00	27.00 FT LT	12	4.2	1	0.50%	0.1
353	312+55.00	27.00 FT LT	311+00.00	27.00 FT LT	15	151.4	1	0.34%	2.9
354	312+23.50	50.00 FT LT	312+55.00	27.00 FT LT	12	35.2	1	0.50%	0.1
355	312+55.00	19.00 FT LT	312+55.00	27.00 FT LT	12	4.2	1	0.50%	0.1
356	313+75.00	27.00 FT LT	312+55.00	27.00 FT LT	15	116.4	1	0.34%	0.0
357	313+75.00	19.00 FT LT	313+75.00	27.00 FT LT	12	4.2	1	0.50%	0.1
358	315+10.00	27.00 FT LT	313+75.00	27.00 FT LT	12	131.0	1	0.83%	14.7
359	315+75.00	27.00 FT LT	315+10.00	27.00 FT LT	12	61.0	1	0.60%	6.0
360	315+75.00	19.00 FT LT	315+75.00	27.00 FT LT	12	5.4	1	1.00%	0.1

STA 317+00 TO STA 323+00

STRUCT NO	LOCATION		STRUCTURE TYPE	FRAME & LID OR GRATE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET				NORTH	SOUTH	EAST	WEST
370	317+96.30	35.00 FT RT	CB, TY A, 4 FT DIA	TY 24 FR & GR	794.56	791.28			
371	318+03.30	38.97 FT RT	MH, TY A, 7 FT DIA	TY 1 FR & CL	794.50		791.25	790.10	790.10
372	317+96.00	56.00 FT RT	FES, 30 IN	HWY STD 542311					790.05
380	318+03.30	13.00 FT LT	MH, TY A, 7 FT DIA	TY 1 FR & CL	794.99	790.19	791.48	790.19	791.00
380A	318+03.29	35.00 FT LT	MEDIAN INLET	HWY STD 542546	795.00			791.17	
382	319+50.00	19.00 FT RT	CB, TY A, 4 FT DIA	TY 24 FR & GR	795.50				791.91
384	320+55.00	19.00 FT RT	CB, TY A, 4 FT DIA	TY 24 FR & GR	795.85				792.27
386	321+80.00	19.00 FT RT	CB, TY A, 4 FT DIA	TY 24 FR & GR	796.30				792.69
390	318+50.00	34.80 FT LT	FES, EL, 30 IN EO	HWY STD 542311				792.50	
391	317+95.00	19.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	794.81	791.54			
392	318+50.00	13.00 FT LT	MH, TY A, 7 FT DIA	TY 1 FR & CL	795.31	790.27	790.27		790.62
392A	318+36.00	13.00 FT LT	MH, TY A, 6 FT DIA RP	TY 1 FR & CL	795.08	790.20	790.20		
393	319+50.00	13.00 FT LT	MH, TY A, 6 FT DIA	TY 1 FR & CL	795.62	790.46	790.46	791.77	791.72
394	319+28.45	40.00 FT LT	CB, TY C	TY 24 FR & GR	794.84	791.88			
395	319+50.00	27.00 FT LT	CB, TY C	TY 8 GR	794.50	791.77	791.77	791.77	
396	319+60.00	19.00 FT LT	INLET, TY A	TY 24 FR & GR	795.54		791.87		
397	320+55.00	13.00 FT LT	MH, TY A, 6 FT DIA	TY 1 FR & CL	795.97	791.33	790.66	792.13	792.13
398	320+55.00	19.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	795.85			792.16	792.16
399	320+55.00	27.00 FT LT	CB, TY C	TY 8 GR	794.50			792.21	
400	321+80.00	13.00 FT LT	MH, TY A, 6 FT DIA	TY 1 FR & CL	796.42	791.57	791.57	792.55	792.55
401	321+80.00	19.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	796.30			792.57	
402	322+69.64	35.00 FT LT	CB, TY C	TY 24 FR & GR	796.54			793.45	

STA 317+00 TO STA 323+00

PIPE NO	LOCATION				SIZE in	LENGTH ft	TYPE	SLOPE	TRENCH BACKFILL cu yd
	FROM		TO						
	STATION	OFFSET	STATION	OFFSET					
370	317+96.30	35.00 FT RT	318+03.30	38.97 FT RT	12	3.3	1	1.00%	0.1
372	318+03.30	38.97 FT RT	317+96.00	56.00 FT RT	30	9.6	1	0.50%	0.0
380	318+03.30	13.00 FT LT	318+03.30	38.97 FT RT	30	46.2	1	0.20%	1.9
380A	318+03.29	35.00 FT LT	318+03.30	13.00 FT LT	24	17.0	1	1.00%	1.4
382	319+50.00	19.00 FT RT	319+50.00	13.00 FT LT	12	28.2	1	0.50%	0.2
384	320+55.00	19.00 FT RT	320+55.00	13.00 FT LT	12	28.2	1	0.50%	0.2
386	321+80.00	19.00 FT RT	321+80.00	13.00 FT LT	12	28.2	1	0.50%	0.2
390	318+50.00	34.80 FT LT	318+50.00	13.00 FT LT	30 EO	12.0	1	10.44%	0.0
391	317+95.00	19.00 FT LT	318+03.30	13.00 FT LT	12	5.5	1	1.00%	0.3
392	318+50.00	13.00 FT LT	318+36.00	13.00 FT LT	30	7.4	1	0.20%	0.7
392A	318+36.00	13.00 FT LT	318+03.30	13.00 FT LT	30	26.1	1	0.20%	3.0
393	319+50.00	13.00 FT LT	318+50.00	13.00 FT LT	36 EO	93.5	1	0.20%	18.4
394	319+28.45	40.00 FT LT	319+50.00	27.00 FT LT	12	21.4	1	0.50%	0.0
395	319+50.00	27.00 FT LT	319+50.00	13.00 FT LT	12	10.2	1	0.50%	0.5
396	319+60.00	19.00 FT LT	319+50.00	27.00 FT LT	12	10.2	1	1.00%	0.1
397	320+55.00	13.00 FT LT	319+50.00	13.00 FT LT	36 EO	99.2	1	0.20%	23.9
398	320+55.00	19.00 FT LT	320+55.00	13.00 FT LT	12	2.2	1	1.00%	0.2
399	320+55.00	27.00 FT LT	320+55.00	19.00 FT LT	12	5.4	1	1.00%	0.0
400	321+80.00	13.00 FT LT	320+55.00	13.00 FT LT	36 EO	119.2	1	0.20%	34.0
401	321+80.00	19.00 FT LT	321+80.00	13.00 FT LT	12	2.2	1	1.00%	0.2
402	322+69.64	35.00 FT LT	323+00.00	13.00 FT LT	12	33.7	1	0.50%	5.1
403	323+00.00	13.00 FT LT	321+80.00	13.00 FT LT	36 EO	114.2	1	0.50%	48.1

STA 323+00 TO STA 329+00

STRUCT NO	LOCATION		STRUCTURE TYPE	FRAME & LID OR GRATE	RIM ELEV	INVERT ELEVATION			
	STATION	OFFSET				NORTH	SOUTH	EAST	WEST
403	323+00.00	13.00 FT LT	MH, TY A, 6 FT DIA	TY 1 FR & CL	797.71	793.23	792.13		793.23
404	323+00.00	19.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	797.59			793.25	793.28
405	324+25.00	13.00 FT LT	MH, TY A, 4 FT DIA	TY 1 FR & CL	799.98	796.47	795.47		795.47
406	324+25.00	19.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	799.86			795.49	
407	325+45.00	13.00 FT LT	CB, TY A, 4 FT DIA	TY 1 FR & CL	802.00		798.62		798.62
408	325+45.00	23.02 FT LT	INLET, TY A	TY 24 FR & GR	802.08			798.68	
420	326+17.00	30.00 FT LT	INLET, TY A	TY 24 FR & GR	802.30	799.55			
421	326+80.00	19.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	801.75		798.94	798.75	
422	326+80.00	14.00 FT LT	MH, TY A, 4 FT DIA	TY 1 FR & CL	801.86	798.74			798.74
423	327+80.00	19.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	799.80			795.81	
424	327+80.00	14.00 FT LT	MH, TY A, 4 FT DIA	TY 1 FR & CL	799.92		796.82	795.80	795.80
425	327+80.00	29.00 FT RT	MH, TY A, 4 FT DIA	TY 1 FR & CL	800.00	795.41			795.41
426	328+61.00	29.00 FT RT	MH, TY A, 4 FT DIA	TY 1 FR & CL	797.95		793.10	792.69	792.69
427	328+80.30	20.00 FT LT	CB, TY A, 4 FT DIA	TY 24 FR & GR	797.75	793.82			793.82
428	328+81.50	19.00 FT RT	CB, TY A, 4 FT DIA	TY 24 FR & GR	798.59		793.06		793.06

STA 323+00 TO STA 329+00

PIPE NO	LOCATION				SIZE in	LENGTH ft	TYPE	SLOPE	TRENCH BACKFILL cu yd
	FROM		TO						
	STATION	OFFSET	STATION	OFFSET					
404	323+00.00	19.00 FT LT	323+00.00	13.00 FT LT	12	2.2	1	1.00%	0.2
405	324+25.00	13.00 FT LT	323+00.00	13.00 FT LT	12	120.2	2	1.85%	21.2
406	324+25.00	19.00 FT LT	324+25.00	13.00 FT LT	12	2.2	2	1.00%	0.4
407	325+45.00	13.00 FT LT	324+25.00	13.00 FT LT	12	116.2	1	1.85%	32.1
408	325+45.00	23.02 FT LT	325+45.00	13.00 FT LT	12	6.2	1	1.00%	1.0
420	326+17.00	30.00 FT LT	326+80.00	19.00 FT LT	12	61.3	1	1.00%	4.7
421	326+80.00	19.00 FT LT	326+80.00	14.00 FT LT	12	1.2	1	1.00%	0.1
422	326+80.00	14.00 FT LT	327+80.00	14.00 FT LT	12	96.2	1	2.00%	22.8
423	327+80.00	19.00 FT LT	327+80.00	14.00 FT LT	12	1.2	1	1.00%	0.1
424	327+80.00	14.00 FT LT	327+80.00	29.00 FT RT	12	39.2	1	1.00%	6.1
425	327+80.00	29.00 FT RT	328+61.00	29.00 FT RT	12	77.2	2	3.00%	18.8

NOTE:
PIPES LISTED IN TABLES AS "EO" REFER TO HORIZONTAL ELLIPTICAL PIPE.
THIS PIPE IS TO BE PAID FOR AS: PIPE CULVERTS, CLASS A, TYPE 1,
OF THE EQUIVALENT ROUND SIZE SHOWN

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD DRAINAGE TABLES ILLINOIS ROUTE 83 STA 317+00 TO STA 329+00 DRAWN BY: GP CHECKED BY: MW DATE: 1/30/09
NAME	DATE	

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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