CONTRACT NO 66542

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)HBK	LASALLE	492	44
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURES

STR. NO.	STATION	OFFSET (FT)	SIDE (LT/RT)	REFERENCE ELEVATION (FT) (SEE NOTE)	END SECTIONS 12 IN (EA)	END SECTIONS 15 IN (EA)	END SECTIONS 24 IN (EA)	P.R.C. FLARED END SECTIONS 15 IN (EA)	P.R.C. FLARED END SECTIONS 18 IN (EA)	P.R.C. FLARED END SECTIONS 24 IN (EA)	P.R.C. FLARED END SECTIONS EL EQRS 36 (EA)	INLETS TYPE A T1 F&OL (EA)	INLETS TYPE A T3 F&G (EA)	INLETS TYPE B T3 F&G (EA)	MANHOLES, TYA 5' DIA. TY.1, FRAME, OPEN LID (EA)	MANHOLES, TYA 5' DIA. TY.1, FRAME, CLOSED LID (EA)	MANHOLES, TYA 4' DIA. TY. 1 FRAME, OPEN LID (EA)	TYPE D INLET BOX STD 609001 (EA)	TYPE 600 (24) INLET BOX STD 542511 & (EA)	CONCRETE THRUST BLOCKS (EA)	PRECAST CONCRETE BOX CULVERT END SECTIONS 4' X 3' (EA)	CONCRETE COLLAR (CU YD)	REINFORCEMENT BARS (LBS)	EXPANSION BOLTS 3/4 INCH (EA)	NOTES REMARKS
342	511+21.00	35.10	LT							1															STAGE 1 PH I
343	511+21.00	20.73	RT							1															STAGE 1 PH I
				SUBTOTAL						3												0.27	24.93	8	
	IL. RTE. 178																								
344	97+36.50	42.11	LT			1																			STAGE 2 PH I
345	97+76.32	42.25	LT			1																			STAGE 2 PH I
346	97+36.50	41.33	RT				1																		STAGE 1 PH I
347	97+76.85	41.51	RT				1																		STAGE 1 PH I
348	98+45.05	41.78	RT				1																		STAGE 1 PH I
349	98+78.35	41.91	RT				1																		STAGE 1 PH I
350	100+08.53	42.40	RT				1																		STAGE 1 PH I
351	100+41.11	42.53	RT				1																		STAGE 1 PH I
352	101+32.25	42.87	RT			1																			STAGE 1 PH I
353	101+73.57	43.03	RT			1																			STAGE 1 PH I
354	102+75.45	44.92	RT				1																		STAGE 1 PH I
355	103+02.00	45.17	RT				1																		STAGE 1 PH I
356	103+51.60	46.71	RT				1																		STAGE 1 PH I
357	103+83.41	48.30	RT				1																		STAGE 1 PH I
335	101+13.92	42.96	LT					1																	
336	101+53.11	42.59	LT														1 *								STAGE 2 PH I
337	101+99.70	44.07	LT														1 *								STAGE 2 PH I
338	102+68.11	45.96	LT														1 *								STAGE 2 PH I
339	103+33.01	45.80	LT					1																	STAGE 2 PH I
361	103+59.04	47.95	LT			1																			STAGE 2 PH I
362	104+10.31	51.34	LT			1																			STAGE 2 PH I
363	113+63.50	92.83	RT		1																				STAGE 1 PH I
364	113+63.50	29.84	RT	646.07														1		1					STAGE 1 PH I
365	113+63.50	29.83	LT	646.07														1		1					STAGE 2 PH I
366	113+63.50	93.34	LT		1																				STAGE 2 PH I
367	114+26.60	71.48	RT							1															STAGE 1 PH I
369	114+26.60	52.30	LT																			0.27	24.93	8	STAGE 2 PH I
368	114+26.60	53.39	RT																			0.27	24.93	8	STAGE 1 PH I
370	114+26.60	74.64	LT							1															STAGE 2 PH I
371	115+72.35	72.70	RT							1															STAGE 1 PH I
372	115+72.35	52.91	RT																			0.27	24.93	8	STAGE 1 PH I
373	115+72.35	52.37	LT																			0.27	24.93	8	STAGE 2 PH I
374	115+72.35	76.00	LT							1															STAGE 2 PH I
375	116+36.50	90.87	RT		1																				STAGE 1 PH I
376	116+36.50	29.84	RT	646.07														1		1					STAGE 1 PH I
377	116+36.50	29.83	LT	646.07														1		1					STAGE 2 PH I
378	116+36.50	90.77	LT		1																				STAGE 2 PH I
383	129+42.87	48.04	RT					1																	STAGE 1 PH I
384	129+69.23	48.28	RT					1																	STAGE 1 PH I
385	132+52.05	25.89	RT																			0.38	43.76	12	STAGE 1 PH I
386	132+52.05	40.77	RT																		1				STAGE 1 PH I
387	132+52.05	28.29	LT																			0.38	43.76	12	PRESTAGE 1 PH II
388	132+52.05	37.29	LT																		1				PRESTAGE 1 PH II
394	132+80.22	43.28	LT					1																	PRESTAGE 1 PH II
395	133+32.07	41.65	LT					1																	PRESTAGE 1 PH II
				SUBTOTAL	4	6	10	6		4							3	4		4	2	1.86	187.25	56	

NOTE:
REMOVAL OF EXISTING GRATES TO BE INCLUDED WITH MANHOLES TO BE ADJUSTED WITH NEW TYPE 8 GRATES.
ALL TEMPORARY DRAINAGE INCLUDES REQUIRED PIPE UNDERDRAIN ADJUSTMENTS.

EL EQRS 36 IS PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPITCAL, EQUIVALENT ROUND SIZE 36" FOR STORM SEWERS TYPE 1 REINFORCED ELLIPTICAL PIPE SPAN 45 RISE 29.

REFERENCE ELEVATION IS TO THE RIM OF THE STRUCTURE.

* STRUCTURE REQUIRES A FLAT TOP SLAB.

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

LAYOUT	KET	01/20/06
DRAWN	KET	01/20/06
REVIEWED	MTM	10/17/07

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURES SCHEDULE -2

SCALE: VERT. N/A HORIZ. N/A
DATE

DRAWN BY KET
CHECKED BY

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