

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(50-3)HBK	LASALLE	492	43
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			P. R. C. FLARED END SECTIONS				INLETS			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
					12 IN (EA)	15 IN (EA)	24 IN (EA)	15 IN (EA)	18 IN (EA)	24 IN (EA)	EL EQRS 36 (EA)	TYPE A T1 F&OL (EA)	TYPE A T3 F&G (EA)	TYPE B T3 F&G (EA)											
TEMPORARY																									
TEMPORARY RAMP I																									
T20	11+00.00	79.37	LT																						PRESTAGE 1 PH II
T21	11+00.00	63.85	RT																						PRESTAGE 1 PH II
SUBTOTAL																									
TEMPORARY RAMP J																									
T22	22+79.57	69.50	LT																						PRESTAGE 1 PH II
T23	22+79.57	24.14	RT	631.60										1											PRESTAGE 1 PH II
T24	22+49.00	33.61	RT	626.35												1									PRESTAGE 1 PH II
T25	23+61.00	56.13	RT																						PRESTAGE 1 PH II
T26	19+00.00	37.57	LT																						PRESTAGE 1 PH II
T27	19+00.00	20.30	RT																						PRESTAGE 1 PH II
SUBTOTAL														1	1										
TEMPORARY RAMP K																									
T28	16+00.00	29.63	LT																						PRESTAGE 1 PH I
T29	16+00.00	19.06	RT																						PRESTAGE 1 PH I
T30	15+90.00	20.14	RT																						PRESTAGE 1 PH I
T31	14+91.95	15.83	RT	621.23										1 *											PRESTAGE 1 PH I
SUBTOTAL														1											
TEMPORARY RAMP L																									
T33	11+83.76	66.55	LT																						PRESTAGE 1 PH II
T34	11+83.76	54.07	RT																						PRESTAGE 1 PH II
SUBTOTAL																									
PROPOSED																									
F.A.I.-80																									
429	897+00.00	8.88	RT																1						
430	898+40.00	9.07	RT																1						
SUBTOTAL																			2						
RAMP I																									
300	212+00.00	39.06	LT								1														STAGE 2 PH I
301	212+00.00	18.22	RT								1														STAGE 2 PH I
SUBTOTAL											2														
RAMP J																									
315	305+29.00	41.35	RT							1															PRESTAGE 1 PH II
316	305+29.00	0.40	LT																	0.27	24.93	8			PRESTAGE 1 PH II
320	317+38.57	82.32	LT					1																	STAGE 1 PH I
319	317+34.34	65.10	LT																	0.21	22.07	8			STAGE 1 PH I
318	317+13.87	43.04	RT																	0.21	22.07	8			STAGE 1 PH I
317	317+08.39	81.74	RT					1																	STAGE 1 PH I
SUBTOTAL								2	1											0.69	69.07	24			
RAMP K																									
325	406+51.72	3.60	LT																	0.27	24.93	8			STAGE 2 PH I
326	406+51.72	26.36	RT							1															STAGE 2 PH I
327	411+17.05	37.47	LT							1															STAGE 2 PH I
328	411+17.05	22.19	RT							1															STAGE 2 PH I
SUBTOTAL										3										0.27	24.93	8			
RAMP L																									
340	514+80.35	13.10	RT																	0.27	24.93	8			STAGE 1 PH I
341	514+80.35	33.80	RT							1															STAGE 1 PH I

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 Offices Nationwide

MODEL NAME = Structures 1
 PLOT DATE = 10/23/2009
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = jehra09944
 LAYOUT KET 01/20/06
 DRAWN KET 01/20/06
 REVIEWED MTM 10/1/07

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 - ELLIPTICAL, 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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURES SCHEDULE -1

SCALE: VERT. N/A
 HORIZ. N/A
 DATE
 DRAWN BY KET
 CHECKED BY