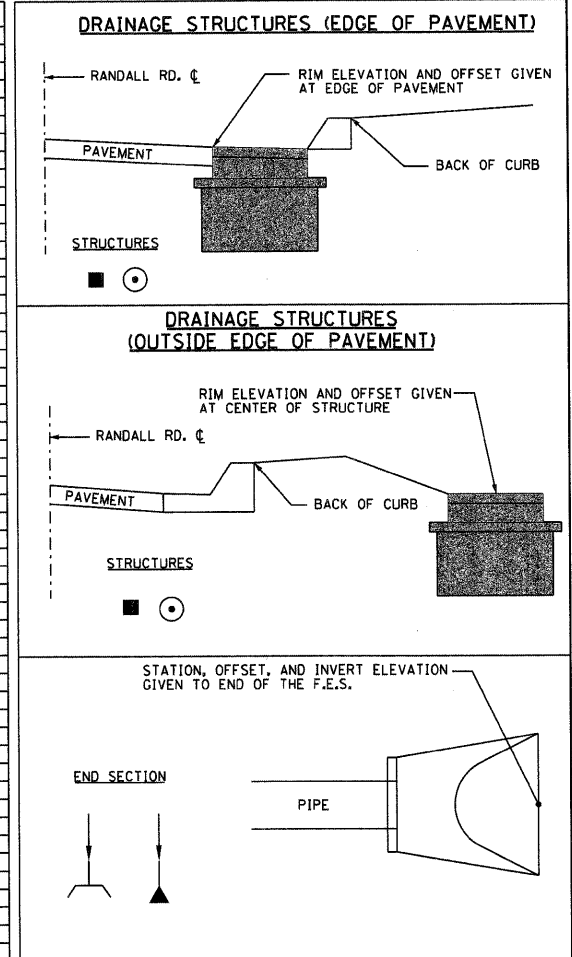


PROPOSED DRAINAGE STRUCTURE SCHEDULE - EAST SIDE OF RANDALL ROAD										
STRUCTURE NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAMES & GRATES	CONCRETE HEADWALL
S-001	INLET, TY A	53+45	25.8' RT	708.47			705.60		TY 24 FR & GR	
S-002	12" END SECTION	53+45	46.7' RT				705.50			12" E.S.
S-003	INLET, TY A	54+05	26.9' RT	708.55			705.75		TY 24 FR & GR	
S-004	12" END SECTION	54+05	45.9' RT				705.65			12" E.S.
S-005	INLET, TY A	54+75	28.2' RT	708.65			705.90		TY 24 FR & GR	
S-006	12" END SECTION	54+75	46.4' RT				705.80			12" E.S.
S-007	12" END SECTION	55+46	48.5' RT				705.80			12" E.S.
S-008	INLET, TY A	55+46	29.9' RT	708.79			705.88		TY 24 FR & GR	
S-009	INLET, TY A	56+74	36.6' RT	709.13			706.39		TY 24 FR & GR	
S-009A	12" END SECTION	56+74	51.5' RT				706.33			12" E.S.
S-010	INLET, TY A	57+44	42.4' RT	709.23			706.72		TY 24 FR & GR	
S-010A	12" END SECTION	57+44	56.5' RT				706.67			12" E.S.
S-011	INLET, TY A	58+15	48.0' RT	709.34			707.08		TY 24 FR & GR	
S-011A	12" END SECTION	58+15	61.0' RT				707.03			12" E.S.
S-012	INLET, TY A	59+37	48.0' RT	710.20			707.69		TY 24 FR & GR	
S-012A	12" END SECTION	59+37	61.5' RT				707.64			12" E.S.
S-013	21" F.E.S.	60+50	66.0' RT		708.20					21" F.E.S.
S-014	MH TY A 5' DIA., TY 24 OPEN	61+06	69.2' RT	712.68	708.48	708.48	TBD		TY 24 FR & GR	
S-015	MH TY A 5' DIA., TY 24 OPEN	130+55	66.8' RT	713.90	TBD	TBD			TY 24 FR & GR	
S-016	MH TY A 5' DIA., TY 1 CLOSED	130+04	26.8' RT	714.10	708.86	708.86	TBD		TY 1 CLOSED	
S-017	MH TY A 5' DIA., TY 24 OPEN	130+19	49.6' LT	713.68	709.36	709.26			TY 24 FR & GR	
S-017A	MH TY A 5' DIA., TY 24 OPEN	62+75	57.54' RT	713.94	709.50	709.50			TY 24 FR & GR	
S-018	MH TY A 5' DIA., TY 8	63+05	55.0' RT	713.25	709.64	709.64			TY 8 GR	
S-019	MH TY A 5' DIA., TY 8	63+48	49.5' RT	714.10	709.78	709.78	711.36		TY 8 GR	
S-020	INLET, TY A	63+48	36.0' RT	714.97			711.47		TY 24 FR & GR	
S-021	MH TY A 5' DIA., TY 8	64+80	50.0' RT	714.80	710.17	710.17	711.89		TY 8 GR	
S-022	INLET, TY A	64+80	36.0' RT	715.55			712.00		TY 24 FR & GR	
S-023	MH TY A 5' DIA., TY 24 OPEN	65+50	41.0' RT	715.70	710.35	710.35			TY 24 FR & GR	
S-024	MH TY A 5' DIA., TY 24 OPEN	66+20	47.9' RT	715.75	710.52	710.52	711.71		TY 24 FR & GR	
S-025	INLET, TY A	66+20	56.0' RT	714.50			711.76		TY 8 GR	
S-026	MH TY A 5' DIA., TY 24 OPEN	67+00	50.9' RT	715.87	710.72	710.72	711.91		TY 24 FR & GR	
S-027	INLET, TY A	67+00	57.0' RT	714.60			711.96		TY 8 GR	
S-028	MH TY A 4' DIA., TY 24 OPEN	67+84	45.8' RT	716.14	710.95	710.95			TY 24 FR & GR	
S-029	MH TY A 4' DIA., TY 8	68+35	49.3' RT	715.20	711.13	711.13	712.70		TY 8 GR	
S-030	INLET, TY A	68+35	40.6' RT	716.30			712.76		TY 24 FR & GR	
S-031	MH TY A 4' DIA., TY 8	68+95	46.0' RT	715.60	711.31	711.31	712.84		TY 8 GR	
S-032	INLET, TY A	68+95	35.6' RT	716.51			712.91		TY 24 FR & GR	
S-033	MH TY A 4' DIA., TY 8	69+55	49.0' RT	715.40	711.49	711.49	712.80		TY 8 GR	
S-034	INLET, TY A	69+55	35.5' RT	716.59			712.90		TY 24 FR & GR	
S-035	MH TY A 4' DIA., TY 8	70+15	50.0' RT	715.40	711.67	711.67	712.86		TY 8 GR	
S-036	INLET, TY A	70+15	35.4' RT	716.67			712.97		TY 24 FR & GR	
S-037	MH TY A 4' DIA., TY 8	70+75	50.0' RT	715.60		711.85	711.85		TY 8 GR	
S-038	MH TY A 4' DIA., TY 24 OPEN	70+75	35.3' RT	716.72	711.91	711.91			TY 24 FR & GR	
S-039	INLET, TY A	71+35	35.3' RT	716.74		712.21			TY 24 FR & GR	
S-040	INLET, TY A	71+95	35.1' RT	716.72	713.50				TY 24 FR & GR	
S-041	MH TY A 4' DIA., TY 24 OPEN	72+55	35.0' RT	716.95	713.20	713.20			TY 24 FR & GR	
S-042	MH TY A 5' DIA., TY 24 OPEN	72+98	35.0' RT	717.17	713.34	713.00	712.73	712.73	TY 24 FR & GR	
S-043	MH TY A 4' DIA., TY 24 OPEN	73+65	34.9' RT	717.25	713.68	713.68			TY 24 FR & GR	
S-044	INLET, TY A	74+30	34.9' RT	717.34		714.00			TY 24 FR & GR	
S-045	30" EO, PRECAST REIN. CONC. ELLIPTICAL F.E.S.	72+99	58.3' RT		712.66					30" EO, ELLIPTICAL F.E.S.

PROPOSED DRAINAGE PIPE SCHEDULE - EAST SIDE OF RANDALL ROAD									
STRUCTURE NO.	FROM	TO	SIZE	LENGTH	SLOPE	TYPE	TRENCH BACK FILL (CY)		
P-001	S-001	S-002	12"	18'	0.50%	SS CL A, TY1, 12"			
P-002	S-003	S-004	12"	16'	0.50%	SS CL A, TY1, 12"			
P-003	S-005	S-006	12"	15'	0.50%	SS CL A, TY1, 12"			
P-004	S-008	S-007	12"	15'	0.50%	SS CL A, TY1, 12"			
P-005	S-009	S-009A	12"	11'	0.50%	SS CL A, TY1, 12"			
P-006	S-010	S-010A	12"	10'	0.50%	SS CL A, TY1, 12"			
P-007	S-011	S-011A	12"	9'	0.50%	SS CL A, TY1, 12"			
P-008	S-012	S-012A	12"	9'	0.50%	SS CL A, TY1, 12"			
P-009	S-014	S-013	21"	53'	0.50%	SS CL A, TY1, 21"			
P-010	S-015	S-014	12"	60'	TBD	SS CL A, TY1, 12"			
P-011	EXIST.	S-015	12"	8'	EXIST.	SS CL A, TY1, 12"			
P-012	S-016	S-014	21"	71'	0.50%	SS CL A, TY1, 21"			
P-013	EXIST.	S-016	21"	8'	EXIST.	SS CL A, TY1, 21"			
P-014	S-017	S-016	21"	77'	0.50%	SS CL A, TY1, 21"			
P-015	S-017A	S-017	21"	28'	0.50%	SS CL A, TY1, 21"			
P-015A	S-018	S-017A	21"	27'	0.50%	SS CL A, TY1, 21"			
P-016	S-019	S-018	21"	41'	0.30%	SS CL A, TY1, 21"			
P-017	S-020	S-019	12"	11'	1.00%	SS CL A, TY1, 12"			
P-018	S-021	S-019	21"	130'	0.30%	SS CL A, TY1, 21"			
P-019	S-022	S-021	12"	11'	1.00%	SS CL A, TY1, 12"			
P-020	S-023	S-021	21"	68'	0.25%	SS CL A, TY1, 21"			
P-021	S-024	S-023	21"	68'	0.25%	SS CL A, TY1, 21"			
P-022	S-025	S-024	12"	5'	1.00%	SS CL A, TY1, 12"			
P-023	S-026	S-024	21"	78'	0.25%	SS CL A, TY1, 21"			
P-024	S-027	S-026	12"	5'	1.00%	SS CL A, TY1, 12"			
P-025	S-028	S-026	18"	80'	0.29%	SS CL A, TY1, 18"			
P-026	S-029	S-028	18"	47'	0.38%	SS CL A, TY1, 18"			
P-027	S-030	S-029	12"	5'	1.00%	SS CL A, TY1, 12"			
P-028	S-031	S-029	18"	56'	0.32%	SS CL A, TY1, 18"			
P-029	S-032	S-031	12"	7'	1.00%	SS CL A, TY1, 12"			
P-030	S-033	S-031	18"	58'	0.30%	SS CL A, TY1, 18"			
P-031	S-034	S-033	12"	10'	1.00%	SS CL A, TY1, 12"			
P-032	S-035	S-033	18"	58'	0.30%	SS CL A, TY1, 18"			
P-033	S-036	S-035	12"	11'	1.00%	SS CL A, TY1, 12"			
P-034	S-037	S-035	18"	58'	0.30%	SS CL A, TY1, 18"			
P-035	S-038	S-037	12"	11'	0.50%	SS CL A, TY1, 12"			
P-036	S-039	S-038	12"	58'	0.50%	SS CL A, TY1, 12"			
P-037	S-040	S-041	12"	58'	0.50%	SS CL A, TY1, 12"			
P-038	S-041	S-042	12"	41'	0.50%	SS CL A, TY1, 12"			
P-039	S-043	S-042	12"	65'	0.50%	SS CL A, TY1, 12"			
P-040	S-044	S-043	12"	63'	0.50%	SS CL A, TY1, 12"			
P-041	EXIST.	S-042	38"x24"	8'	0.27%	SS CL A, TY1, SPAN 38" RISE 24"			
P-042	S-042	S-045	38"x24"	14'	0.27%	SS CL A, TY1, SPAN 38" RISE 24"			



NOTES: 1. INVERTS LABELED TBD (TO BE DETERMINED) NEED TO BE FIELD VERIFIED BY THE CONTRACTOR AND APPROVED BY THE RESIDENT ENGINEER
 2. ANY PIPE SLOPES LABELED EXIST. SHOULD BE PLACED TO MATCH THE SLOPE OF THE EXISTING PIPE.

FILE NAME: L:\KANE\CO_01\216833\Drawings\Substation\NeE\Assessment\ACADD_Sheets\DR_DRAIN_SCHEDULE_01.dgn

 CMT CONSULTING ENGINEERS License No. 94-000515	USER NAME = Matt Baldwin PLOT SCALE = 20.0000' / 1" IN. PLOT DATE = 2/7/2011	DESIGNED - PWK DRAWN - ERD CHECKED - KDF DATE - 12/29/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RANDALL ROAD - DRAINAGE SCHEDULE	SHEET NO. OF SHEETS STA. TO STA.	F.A.P. RTE. 336 SECTION 01-00269-00-CH COUNTY KANE TOTAL SHEET NO. 124 50 CONTRACT NO. 63533 ILLINOIS FED. AID PROJECT
	SCALE:						