PROPOSED DRAINAGE STRUCTURE SCHEDULE - WEST SIDE OF RANDALL ROAD

STRUCTURE NO.	TYPE	STATION	OFFSET	RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	FRAMES & GRATES	CONCRETE HEADWALL
*S-101	MH TY A 4' DIA., TY 24 OPEN	54+01	62.9' LT	707.84			MATCH EXIST.	MATCH EXIST.	TY 24 FR & GR	
S-102	12" F.E.S.	54+24	78.0' LT			704.10				12" F.E.S.
S-103	MH TY A 4' DIA., TY 24 FRAME AND GRATE	54+75	66.1' LT	707.90	704.36	704.36			TY 24 FR & GR	
S-104	MH TY A 4' DIA., TY 24 OPEN	55+45	68.8' LT	708.03	704.70	704.70			TY 24 FR & GR	
S-105	INLET, TY A	56+81	68.7' LT	708.16		704.86			TY 24 FR & GR	
S-106	INLET, TY A, TYPE 24 FRAME AND GRATE	56+57	76.0' LT	708.21				705.25	TY 24 FR & GR	
S-107	12" F.E.S.	56+55	91.2' LT					705.15		12" F.E.S.
S-108	INLET, TY A, TYPE 24 FRAME AND GRATE	57+33	83.5' LT	708.42				705.97	TY 24 FR & GR	
S-109	12" F.E.S.	57+33	98.0' LT					705.87		12" F.E.S.
S-110	30" EQ. PRECAST REIN. CONC. ELLIPTICAL F.E.S.	57+47	99.0' LT			705.97				30" EQ. ELLIPTICAL F.E.S.
S-111	30" EQ. PRECAST REIN. CONC. ELLIPTICAL F.E.S.	57+79	99.0' LT		706.18					30" EQ. ELLIPTICAL F.E.S.
S-112	INLET, TY A, TYPE 24 FRAME AND GRATE	58+15	83.5' LT	708.88				706.59	TY 24 FR & GR	
S-113	12" F.E.S.	58+15	91.0' LT					706.50		12" F.E.S.
S-114	INLET, TY A, TYPE 24 FRAME AND GRATE	59+37	70.6' LT	709.92				707.50	TY 24 FR & GR	
S-115	12" F.E.S.	59+44	87.0' LT					707.40		12" F.E.S.
S-116	30" F.E.S.	60+44	96.7' LT			708.40				30" F.E.S.
S-117	MH TY A 6' DIA., TY 1 FRAME, CLOSED LID	61+11	121.7' LT	713.80	708.80	708.70	710.06	708.80	TY 1 FR & CL	
**S-118	MH TY A 5' DIA., TY 1 CLOSED	127+84	81.4' LT	714.85			708.90	710.00	TY 1 FR & CL	
S-119	INLET, TY A	61+15	111.9' LT	713.10				710.06	TY 24 FR & GR	
S-120	MH TY A 5' DIA., TY 24 OPEN	61+95	121.7' LT	714.50	709.13	709.13			TY 24 FR & GR	
***S-121	MH TY A 6' DIA., TY 24	62+45	125.2' LT	713.80	709.41	709.31			TY 24 FR & GR	
S-122	MH TY A 5' DIA., TY 24	62+74	94.8' LT	713.50	709.70	709.60			TY 24 FR & GR	
S-122A	MH TY A 4' DIA., TY 24	63+05	82.8' LT	713.80	709.85	709.85			TY 24 FR & GR	
S-123	MH TY A 4' DIA., TY 8	63+49	86.5' LT	714.20	710.05	710.05	711.50		TY 8 GR	
S-124	INLET, TY A	63+49	80.2' LT	714.00				711.56	TY 24 FR & GR	
S-125	MH TY A 4' DIA., TY 8	64+20	86.5' LT	714.55	710.33	710.33	711.85		TY 8 GR	
S-126	INLET, TY A	64+20	80.3' LT	714.34				711.91	TY 24 FR & GR	
S-127	MH TY A 4' DIA., TY 8	64+90	84.8' LT	715.00	710.54	710.54	712.30		TY 8 GR	
S-128	INLET, TY A	64+90	78.7' LT	714.70				712.36	TY 24 FR & GR	
S-129	MH TY A 4' DIA., TY 8	65+60	80.8' LT	715.30	710.89	710.89	712.60		TY 8 GR	
S-130	INLET, TY A	65+60	74.6' LT	715.05				712.66	TY 24 FR & GR	
S-131	MH TY A 4' DIA., TY 24 OPEN	66+30	70.6' LT	715.41	711.17	711.17			TY 24 FR & GR	
S-132	MH TY A 4' DIA., TY 24 OPEN	67+00	67.9' LT	715.82	711.52	711.52		711.70	TY 24 FR & GR	
S-133	INLET, TY A	67+00	76.0' LT	714.50			711.75		TY 8 GR	
S-134	MH TY A 4' DIA., TY 24 OPEN	67+52	66.9' LT	716.00	711.77	711.77		712.00	TY 24 FR & GR	
S-135	INLET, TY A	67+52	76.0' LT	714.37			712.06		TY 8 GR	
S-136	MH TY A 4' DIA., TY 24 OPEN	68+22	76.4' LT	715.77	712.04	712.04			TY 24 FR & GR	
S-137	INLET, TY A	68+85	76.4' LT	715.86		712.28			TY 24 FR & GR	
S-138	INLET, TY A	69+31	75.5' LT	715.95	713.50				TY 24 FR & GR	
S-139	MH TY A 4' DIA., TY 24 OPEN	69+78	74.7' LT	716.02	713.42	713.42			TY 24 FR & GR	
S-140	MH TY A 4' DIA., TY 24 OPEN	70+25	73.9' LT	716.13	713.33	713.33			TY 24 FR & GR	
S-141	MH TY A 4' DIA., TY 24 OPEN	70+72	72.6' LT	716.22	713.27	713.27			TY 24 FR & GR	
S-142	MH TY A 4' DIA., TY 24 OPEN	71+28	67.8' LT	716.38	713.19	713.19			TY 24 FR & GR	
S-143	MH TY A 4' DIA., TY 24 OPEN	71+84	62.9' LT	716.57	713.11	713.11			TY 24 FR & GR	
S-144	MH TY A 4' DIA., TY 24 OPEN	72+40	58.0' LT	716.80	713.03	713.03			TY 24 FR & GR	
S-145	MH TY A 5' DIA., TY 24 OPEN	72+97	55.0' LT	716.89	712.95	712.95	712.95	712.95	TY 24 FR & GR	
S-146	MH TY A 4' DIA., TY 24 OPEN	73+66	53.2' LT	717.00	713.28	713.28			TY 24 FR & GR	
S-147	INLET, TY A	74+35	51.3' LT	717.16	713.61				TY 24 FR & GR	
S-148	30" EQ. PRECAST REIN. CONC. ELLIPTICAL F.E.S.	72+97	66.3' LT	713.00						30" EQ. ELLIPTICAL F.E.S.

*CONTRACTOR WILL NEED TO FIELD INVESTIGATE INVERTS OF EXISTING 12" DUCTILE IRON PIPE AND PLACE PROPOSED MANHOLE ACCORDINGLY
**CONFIRM ELEVATION TO TIE-IN EXISTING 27" STORM SEWER
***STATION/OFFSET IS GIVEN AT CENTER OF STRUCTURE TO BE PLACED INSTEAD OF EDGE OF PAVEMENT IN ORDER TO AVOID POTENTIAL UTILITY CONFLICT

PROPOSED DRAINAGE PIPE SCHEDULE - WEST SIDE OF RANDALL ROAD

STRUCTURE NO.	STRUCTURE FROM	STRUCTURE TO	SIZE	LENGTH	SLOPE	TYPE	TRENCH BACK FILL (CY)
*P-101	EXIST.	S-101	12"	TBD	EXIST.	SS, DUCTILE IRON PIPE, CL 50, 12"	
*P-102	S-101	EXIST.	12"	TBD	EXIST.	SS, DUCTILE IRON PIPE, CL 50, 12"	
P-103	S-103	S-102	12"	49'	0.50%	SS CL A, TY1, 12"	
P-104	S-104	S-103	12"	67'	0.50%	SS CL A, TY1, 12"	
P-105	S-105	S-104	12"	32'	0.50%	SS CL A, TY1, 12"	
P-106	S-106	S-107	12"	13'	1.00%	SS CL A, TY1, 12"	
P-107	S-108	S-109	12"	9'	0.50%	SS CL A, TY1, 12"	
P-108	S-111	S-110	38"x24"	20'	0.65%	SS CL A, TY1, SPAN 38" RISE 24"	
P-109	S-112	S-113	12"	9'	1.00%	SS CL A, TY1, 12"	
P-110	S-114	S-115	12"	15'	0.50%	SS CL A, TY1, 12"	
P-111	S-117	S-116	30"	68'	0.40%	SS CL A, TY1, 30"	
P-112	S-118	S-117	27"	22'	0.40%	SS CL A, TY1, 27"	
P-113	EXIST.	S-118	27"	8'	EXIST.	SS CL A, TY1, 27"	
P-114	S-119	S-117	12"	6'	1.00%	SS CL A, TY1, 12"	
P-115	S-120	S-117	21"	80'	0.40%	SS CL A, TY1, 21"	
P-116	S-121	S-120	21"	45'	0.40%	SS CL A, TY1, 21"	
P-117	S-122	S-121	18"	37'	0.50%	SS CL A, TY1, 18"	
P-118	S-122A	S-122	18"	30'	0.50%	SS CL A, TY1, 18"	
P-118A	S-123	S-122A	18"	40'	0.50%	SS CL A, TY1, 18"	
P-119	S-124	S-123	12"	3'	1.00%	SS CL A, TY1, 12"	
P-120	S-125	S-123	18"	69'	0.40%	SS CL A, TY1, 18"	
P-121	S-126	S-125	12"	3'	1.00%	SS CL A, TY1, 12"	
P-122	S-127	S-125	18"	69'	0.30%	SS CL A, TY1, 18"	
P-123	S-128	S-127	12"	3'	1.00%	SS CL A, TY1, 12"	
P-124	S-129	S-127	15"	66'	0.50%	SS CL A, TY1, 15"	
P-125	S-130	S-129	12"	3'	1.00%	SS CL A, TY1, 12"	
P-126	S-131	S-129	15"	69'	0.40%	SS CL A, TY1, 15"	
P-127	S-132	S-131	12"	68'	0.50%	SS CL A, TY1, 12"	
P-128	S-133	S-132	12"	5'	1.00%	SS CL A, TY1, 12"	
P-129	S-134	S-132	12"	48'	0.50%	SS CL A, TY1, 12"	
P-130	S-135	S-134	12"	6'	1.00%	SS CL A, TY1, 12"	
P-131	S-136	S-134	12"	67	0.40%	SS CL A, TY1, 12"	
P-132	S-137	S-136	12"	61	0.40%	SS CL A, TY1, 12"	
P-133	S-138	S-139	12"	43'	0.20%	SS CL A, TY1, 12"	
P-134	S-139	S-140	12"	43'	0.20%	SS CL A, TY1, 12"	
P-135	S-140	S-141	12"	43'	0.20%	SS CL A, TY1, 12"	
P-136	S-141	S-142	15"	53'	0.15%	SS CL A, TY1, 15"	
P-137	S-142	S-143	15"	53'	0.15%	SS CL A, TY1, 15"	
P-138	S-143	S-144	18"	53'	0.15%	SS CL A, TY1, 18"	
P-139	S-144	S-145	18"	54'	0.15%	SS CL A, TY1, 18"	
P-140	S-147	S-146	12"	66'	0.50%	SS CL A, TY1, 12"	
P-141	S-146	S-145	12"	65'	0.50%	SS CL A, TY1, 12"	
P-142	S-148	S-145	38"x24"	3'	0.27%	SS CL A, TY1, SPAN 38" RISE 24"	
P-143	S-145	EXIST.	38"x24"	8'	0.27%	SS CL A, TY1, SPAN 38" RISE 24"	

*DUCTILE IRON PIPE LENGTH AND SLOPE TO BE DETERMINED BY EXISTING CONDITIONS (SEE DRAINAGE SHEET 1 OF 6) AND APPROVED BY THE RESIDENT ENGINEER. SLOPE OF PROPOSED PIPE SHOULD MATCH EXISTING SLOPE.

FILE NAME = L:\KANECO\092360\D-ow\Exhibits\NoExpansion\CADD_Sheets\R_DR_SCHED_02.dgn

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USER NAME = Matt Baldwin	DESIGNED - PWK	REVISED -	
	DRAWN - ERD	REVISED -	
PLOT SCALE = 20.0000 ' / IN.	CHECKED - KDF	REVISED -	
PLOT DATE = 2/7/2011	DATE - 12/29/2010	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RANDALL ROAD - DRAINAGE SCHEDULE

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	01-00269-00-CH	KANE	124	51

CONTRACT NO. 63533

ILLINOIS FED. AID PROJECT