ABV	ABOVE	D	DEGREE OF CURVE	INST	INSTALLATION	RR	RAILROAD	T	TANGENT DISTANCE
A/C	ACCESS CONTROL	DC	DEPRESSED CURVE	ISS	INTERSECTION DESIGN STUDY	RRS	RAILROAD SPIKE	T.R.	TANGENT RUNOUT DISTANCE
AC	ACRE	DET	DETECTOR	INV	INVERT	RPS	RAILROAD POINT STAKE	TEL	TELEPHONE
AD	ADJUST	DIA	DIAMETER	IRP	IRON PIPE	REF	REFLECTIVE	TB	TELEPHONE BOX
AER	AERIAL SURVEYS	DIST	DISTRICT	IR	IRON ROD	RCCP	REINFORCED CONCRETE	TP	TELEPHONE POLE
AGG	AGGREGATE	DOM	DOMESTIC	JT	JOINT		CULVERT PIPE	TEMP	TEMPORARY
AH	AHEAD	DBL	DOUBLE	KG	KILOGRAM	KLINF	REINFORCEMENT	TBM	TEMPORARY BENCH MARK
APT	APARTMENT	DSEL	DOWNSTREAM ELEVATION	km	KILOMETER	REM	REMOVAL	TD	TILE DRAIN
ASPH	ASPHALT	DSFL	DOWNSTREAM FLOWLINE	LS	LANDSCAPING	RC	REMOVE CROWN	TBE	TO BE EXTENDED
AUX	AUXILIARY	DR	DRAINAGE OR DRIVE	LN	LANE	REP	REPLACEMENT	TBR	TO BE REMOVED
AGS	AUXILIARY GAS VALVE	DI	DRAINAGE INLET OR DROP INLET	LT	LEFT	REST	RESTAURANT	TBS	TO BE SAVED
	/ SERVICES	DRV	DRIVEWAY	LP	LIGHT POLE	RESURF	RESURFACING	TWP	TOWNSHIP
AVE	AVENUE	DCT	DUCT	LGT	LIGHTING	RET	RETAINING	TR	TRAFFIC ROAD
AX	AXIS OF ROTATION	EA	EACH	LF	LINEAR FEET OR LINEAR FEET	RT	RIGHT	TS	TRAFFIC SIGNAL
BK	BACK	EB	EASTBOUND		LINEAR FEET OF CURVE LENGTH	ROW	RIGHT-OF-WAY	TSCB	TRAFFIC SIGNAL CONTROL BOX
B-B	BACK TO BACK	EOP	EDGE OF PAVEMENT	LC	LONG CHORD	RD	ROAD	TSC	TRAFFIC SYSTEMS CENTER
BKPL	BACKPLATE	E-CL	EDGE TO CENTERLINE	LNG	LONGITUDINAL	RDWY	ROADWAY	TRVS	TRANSVERSE
B	BARN	E-E	EDGE TO EDGE	L ITEM	LUMP SUM	RTE	ROUTE	TRVL	TRAVEL
BARR	BARRICADE	EL	ELEVATION	MACH	MACHINE	SAN	SANITARY	TRN	TURN
BEG	BEGIN	ENTR	ENTRANCE	MB	MAIL BOX	SANS	SANITARY SEWER	TY	TYPE
BM	BENCHMARK	EXC	EXCAVATION	MH	MANHOLE	SEC	SECTION	T-A	TYPE A
BITND	BINDER	EX	EXISTING	MATL	MATERIAL	SEED	SEEDING	TYP	TYPICAL
BIT	BITUMINOUS	EXPRWY	EXPRESSWAY	MED	MEDIAN	SHLP	SHAPING	UNDGND	UNDERGROUND
BTM	BOTTOM	E	EXTERNAL DISTANCE OF	MI	MILE	SH	SHEET	USGS	USGS / GEOLOGICAL SURVEY
BLVD	BOULEVARD		HORIZONTAL CURVE	METH	METHOD	SH	SHIELD	USEL	UPSTREAM ELEVATION
BOT	BOTTOM	K	HORIZONTAL DISTANCE TO		MID-ORDINATE	SHLD	SHOULDER	USFL	UPSTREAM FLOWLINE
BRBX	BUFFALO BOX		VERTICAL CURVE	mm	MILLIMETER	SW	SIDEWALK OR SOUTHWEST	UTIL	UTILITY
BLDG	BUILDING	F-F	FACE TO FACE	mm DIA	MILLIMETER DIAMETER	SIG	SIGNAL	VBOX	VALVE BOX
CIP	CAST IRON PIPE	FA	FEDERAL AID	MIN	MINIMUM	SOD	SODDING	VV	VALVE VAULT
CB	CATCH BASIN	FAI	FEDERAL AID INTERSTATE	MBH	MOBILE HOME	SM	SOLID MEDIAN	VL	VAULT
C-C	CENTER TO CENTER	FAP	FEDERAL AID PRIMARY	MOD	MODIFIED	SB	SOUTHBOUND	VEH	VEHICLE
CL	CENTERLINE OR CLEARANCE	FAS	FEDERAL AID SECONDARY	MFT	MOTOR FUEL TAX	SE	SOUTHEAST	VC	VERTICAL CURVE
CL-E	CENTERLINE TO EDGE	FAUS	FEDERAL AID URBAN SECONDARY	N & BC	NAIL & BOTTLE CAP	SPIRT	SPIRAL	VERT	VERTICAL
CL-F	CENTERLINE TO FACE		FENCE	N & C	NAIL & CAP	SD	SPECIAL DITCH	VC	VERTICAL CURVE
CI-V	CERTIFIED	FE	FIELD ENTRANCE	N & W	NAIL & WASHER	SQ FT	SQUARE FEET	VPC	VERTICAL POINT OF CURVATURE
CERT	CERTIFIED	FH	FIRE HYDRANT	NOAA	NATIONAL OCEANIC ATMOSPHERIC	m^2	SQUARE METER	VPI	VERTICAL POINT OF INTERSECTION
CVSLD	CHISELED	FI	FLOW LINE		ADMINISTRATION	mm^2	SQUARE MILLIMETER	VPT	VERTICAL POINT OF TANGENCY
CS	CITY STREET	FB	FOOT BRIDGE	NC	NORMAL CROWN	SQ YD	SQUARE YARD	WM	WATER METER
CP	CLAY PIPE	FDN	FOUNDATION	NB	NORTHBOUND	STB	STABILIZED	WV	WATER VALVE
CLSD	CLOSED	FR	FRAME	NE	NORTHEAST	STD	STANDARD	WMAIN	WATER MAIN
CLSD	CLOSED LID	F&G	FRAME & GRATE	NW	NORTHWEST	SBI	STATE BOND ISSUE	WB	WESTBOUND
CT	COAL OR COURT	FRWAY	FREEWAY	OLID	OVERHEAD	STA	STATE ROUTE	WILCR	WILLOW CULVERTS
COMB	COMBINATION	GAL	GALLON	PVD	PAVED		STATION	W	WITH
CS	COMMERCIAL BUILDING	GALV	GALVANIZED	PMD	PAVEMENT	STBOR	STEEL PLATE BEAM GUARDRAIL	WO	WITHOUT
CE	COMMERCIAL ENTRANCE	GAR	GARAGE	PVMT	PAVEMENT	SS	STORM SEWER		
CONC	CONCRETE	GM	GAS METER	PM	PAVEMENT MARKING	STY	STORY		
CONST	CONTINUE	GV	GAS VALVE	PED	PEDESTAL	ST	STREET		
CONTD	CONTINUED	GRAN	GRANULAR	PNT	POINT	STR	STRUCTURE		
CONT	CONTINUOUS	GR	GRATE	PC	POINT OF CURVATURE	+	SUPERELEVATION RATE		
COR	CORNER	GRVL	GRAVEL	PI	POINT OF INTERSECTION OF	S. L. RUN.	SUPERELEVATION RUNOFF		
CORR	CORRUGATED	GND	GROUND		HORIZONTAL CURVE		LENGTH		
CMP	CORRUGATED METAL PIPE	GUT	GUTTER	PRC	POINT OF REVERSE CURVE	SURF	SURFACE		
CNTY	COUNTY	GW	GUY WIRE	POB	POINT OF BEGIN	SMK	SURVEY MARKER		
CR	COUNTY HIGHWAY	GW	GUY WIRE	POT	POINT ON TANGENT				
CSE	COURSE	HH	HANDHOLE	POLYETH	POLYETHYLENE				
XSECT	CROSS SECTION	HATCH	HATCHING	PCC	PORTLAND CEMENT CONCRETE				
m^3	CUBIC METER	HD	HEAD	PP	POWER POLE OR PRINCIPAL POINT				
mm^3	CUBIC MILLIMETER	HDW	HEADWALL	PRIM	PRIME				
CU YD	CUBIC YARD	HDUTY	HEAVY DUTY	PE	PRIVATE ENTRANCE				
CULV	CULVERT	ha	HECTARE	PROF	PROFILE				
C&G	CURB & GUTTER	HWY	HIGHWAY	PGL	PROFILE GRADELINE				
		HORIZ	HORIZONTAL	PROJ	PROJECT				
		HSE	HOUSE	P.C.	PROPERTY CORNER				
		ILL	ILLINOIS	P.L.	PROPERTY LINE				
		IMP	IMPROVEMENT	PR	PROPOSED				
		IN DIA	INCH DIAMETER	R	RADIUS				
		INL	INLET						

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 1 of 8)

STANDARD 000001-04

ADJUSTMENT ITEMS

	EX	PR
Structure To Be Adjusted		ADJ
Structure To Be Cleaned		C
Structure To Be Filled		F
Structure To Be Removed		R
Structure To Be Reconstructed		REC
Frame and Grate To Be Adjusted		A
Frame and Lid To Be Adjusted		(A)
Domestic Service Box To Be Adjusted		A
Valve Vault To Be Adjusted		(A)
Special Adjustment		SP
Item To Be Abandoned		AB
Item To Be Moved		M
Item To Be Relocated		REL
Pavement Removal and Replacement		

ALIGNMENT ITEMS

	EX	PR
Baseline		
Centerline		
Centerline Break Circle		
Baseline Symbol		
Centerline Symbol		
PI Indicator		
Point Indicator		
Horiz Curve Data	CURVE P.I. STA= Δ= R= T= L= E= e= S.C.= S.L. RUN= S.C. STA= P.T. STA=	CURVE P.I. STA= Δ= R= T= L= E= e= S.C.= S.L. RUN= S.C. STA= P.T. STA=

BOUNDARIES ITEMS

	EX	PR
Dashed Property Line		
Solid Property/Lot Line		
Section/Orient Line		
County/Township Line		
State Line		
Iron Pipe Found		
Iron Pipe Set		
Survey Marker		
Property Line Symbol		
Same Ownership Symbol		
Northwest Quarter Corner		
Section Corner		
Southeast Quarter Corner		

CONTOUR ITEMS

	EX	PR
Approx. Index Line		
Approx. Intermediate Line		
Index Contour		
Intermediate Contour		
Slope Limit Line		

DRAINAGE ITEMS

	EX	PR
Culvert Line		
Ditch Profile Line		
Grading & Shaping Ditches		
Drainage Boundary Line		
Paved Ditch		
Aggregate Ditch		
Flowline		
Ditch Check		
Headwall		
Inlet		
Manhole		
Summit		
Roadway Ditch Flow		
Swale		
Catch Basin		
Culvert End Section		
Water Surface Indicator		
Riprap		

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 2 of 8)

STANDARD 000001-04

EROSION & SEDIMENT CONTROL ITEMS

	EX	PR
Clearing & Grading Limits		
Dike		
Erosion Control Fence		
Perimeter Erosion Barrier		
Temporary Fence		
Ditch Check Temporary		
Ditch Check Permanent		
Inlet & Pipe Protection		
Sediment Basin		
Erosion Control Blanket		
Fabric Formed Concrete Revetment Mat		
Turf Reinforcement Mat		
Mulch Temporary		
Mulch Method 1		
Mulch Method 2 Stabilized		
Mulch Method 3 Hydraulic		

EXISTING IMPROVEMENT ITEMS

	EX	PR
Noise Attn/Levee		
Fence		
Base of Levee		
Mailbox		
Pay Telephone		
Advertising Sign		

LANDSCAPING ITEMS

	EX	PR
Contour Mounding Line		
Shrubs		
Mowline		
Perennial Plants		
Seeding Class 2		
Seeding Class 2A		
Seeding Class 3		
Seeding Class 4		
Seeding Class 4 A & Combined		
Seeding Class 5		
Seeding Class 7		

EXISTING LANDSCAPING ITEMS (cont.)

	EX	PR
Seedings Type 1		
Seedings Type 2		
Sodding		
Moestche w/Sign		
Tree Trunk Protection		
Evergreen Tree		
Shade Tree		

LIGHTING

	EX	PR
Cable In Duct w/o Ground		
Conduit w/Ground		
Electrical Aerial Cable	A	A
Electrical Buried Cable	L	L
Controller		
Underpass Luminaire		
Power Pole		
Pull Point	P	P

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 3 of 8)

STANDARD 000001-04

LIGHTING (cont.)

	EX	PR
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Unit Cont.		
Electrical Ground		
Traffic Flow Arrow		
High Mast Pole		
Light Unit-1		

PAVEMENT (MISC.)

	EX	PR
Keyed Long. Joint		
Keyed Long. Joint w/Tie Bars		
Sawed Long. Joint w/Tie Bars		
Bituminous Shoulder		
Bituminous Taper		
Stabilized Driveway		
Widening		

PAVEMENT MARKINGS

	EX	PR
RR Crossing		
Raised Marker Amber 1 Way		
Raised Marker Amber 2 Way		
Raised Marker Crystal 1 Way		
Two Way Turn Left		
Shoulder (Rep. Pattern		
Skip-Dash White		
Skip-Dash Yellow		
Stop Line		
Solid Line		
Double Centerline		
Dotted Lines		
CL Pvt 2Way RRPM 12.2 m (40') o.c.		
CL Pvt 2Way RRPM 24.4 m (80') o.c.		
CL Multilane Div. RRPM 12.2 m (40') o.c.		
CL Multilane Div. RRPM 24.4 m (80') o.c.		
CL Multilane Div. Obl. RRPM 24.4 m (80') o.c.		
CL Multilane Undiv.		
Two Way Turn Left Line		

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 4 of 8)

STANDARD 000001-04

PAVEMENT MARKINGS (cont.)

	EX	PR
Urban Combination Left Only		
Urban Combination Right Only		
Urban Left Turn Arrow		
Urban Right Turn Arrow		
Urban Left Turn Only		
Urban Right Turn Only		
Urban Thru Only		
Rural Combination Left Only		
Rural Combination Right Only		
Rural Left Turn Arrow		
Rural Right Turn Arrow		
Rural Left Turn Only		
Rural Right Turn Only		
Rural Thru Only		

RAILROAD ITEMS

	EX	PR
Abandoned Railroad		
Railroad		
Railroad Point		
Control Box		
Crossing Gate		
Flashing Signal		
Railroad Cont. Mast Arm		
Crosstalk		

REMOVAL ITEMS

	EX	PR
Removal Tile		
Bituminous Removal		
Hatch Pattern		

RIGHT OF WAY ITEMS

	EX	PR
Future ROW Corner Monument		
ROW Marker		
ROW Line		
Easement		
Temporary Easement		

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 5 of 8)

STANDARD 000001-04

ROADWAY PLAN ITEMS

	EX	PR
Edge of Pavement		
Rt Shoulders, Medians and C&G Line		
Aggregate Shoulder		
Sidewalks, Driveways		
Guardrail		
Guardrail Post		
Traffic Sign		
Corrugated Median		

ROADWAY PROFILES

	EX	PR
Profile Line		
P.I. Indicator		
Point Indicator		
Earthworks Balance Point		
Begin Point		
Vert. Curve Data	VPI = ELEV= L = E =	VPI = ELEV= L = E =

SIGNING ITEMS

	EX	PR
Barricade Type 1 or 2		
Barricade Type 3		

SIGNING ITEMS (cont.)

	EX	PR
Barricade Type III		
Barricade With Edge Line		
Flashing Light Sign		
Panels I		
Panels II		
Sign Flag		
Direction of Traffic		
Detour W4-10L-105		DETOUR
Detour W4-10R-105		DETOUR
One Way Left R6-1L		ONE WAY
One Way Right R6-1R		ONE WAY
One Way Arrow Lrg. W1-6-105		
Two Way Arrow Large W1-7-105		
Reverse Left W1-4L		
Reverse Right W1-4R		
Two Way Traffic Sign W6-3		

SIGNING ITEMS (cont.)

	EX	PR
Detour Ahead W20-2		DETOUR AHEAD
Left Lane Closed Ahead		LEFT LANE CLOSED AHEAD
Road Closed Ahead W20-R-105		ROAD CLOSED AHEAD
Road Closed Ahead W20-3-105		ROAD CLOSED AHEAD
Road Construction Ahead W20-1-105		ROAD CONSTRUCTION AHEAD
Single Lane Ahead		ONE LANE AHEAD
Transition Left W4-2L		
Transition Right W4-2R		

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 6 of 8)

STANDARD 000001-04

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PLOT DATE = 05/29/09

DESIGNED - SJP
DRAWN - SJP
CHECKED - KDN
DATE - 05/29/09

REVISED -
REVISED -
REVISED -
REVISED -

LakeCounty
Division of Transportation

I.D.O.T. STANDARD DRAWINGS

SCALE: N.T.S. | SHEET NO. 1 OF 14 SHEETS | STA. N/A | TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1016	02-00110-12-WR	LAKE	206	185
		CONTRACT NO. 63209		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT