

ABV	ABOVE	D	DEGREE OF CURVE	INST	INSTALLATION	RR	RAILROAD	T	TANGENT DISTANCE
A/C	ACCESS CONTROL	DC	DEPRESSED CURVE	IDS	INTERSECTION DESIGN STUDY	RRS	RAILROAD SPIKE	T. R.	TANGENT RUNOUT DISTANCE
AC	ACRE	DET	DETECTOR	INV	INVERT	RPS	REFERENCE POINT STAKE	TEL	TELEPHONE
ADJ	ADJUST	DIA	DIAMETER	IP	IRON PIPE	REF	REFLECTIVE	TB	TELEPHONE BOX
AS	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	REINF	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 (SERVICE)	DI	DRAINAGE INLET OR DROP INLET	LT	LEFT	REST	RESTAURANT	TBS	TO BE SAVED
		DRV	DRIVEWAY	LP	LIGHT POLE	RESURF	RESURFACING	TWP	TOWNSHIP
AVE	AVENUE	DCT	DUCT	LGT	LIGHTING	RET	RETAINING	TR	TOWNSHIP ROAD
AX	AXIS OF ROTATION	EA	EACH	LF	LINEAL FEET OR LINEAR FEET	RT	RIGHT	TS	TRAFFIC SIGNAL
BK	BACK	EB	EASTBOUND	L	LITER OR 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 SUM	LUMP SUM	RTE	ROUTE	TRVL	TRAVEL
BARR	BARRICADE	EL	ELEVATION	MACH	MACHINE	SAN	SANITARY	TRN	TURN
BGN	BEGIN	ENTR	ENTRANCE	MB	MAIL BOX	SANS	SANITARY SEWER	TY	TYPE
BM	BENCHMARK	EXC	EXCAVATION	MH	MANHOLE	SEC	SECTION	T-A	TYPE A
BIND	BINDER	EX	EXISTING	MATL	MATERIAL	SEED	SEEDING	TYP	TYPICAL
BIT	BITUMINOUS	EXPWAY	EXPRESSWAY	MED	MEDIAN	SHAP	SHAPING	UNDGND	UNDERGROUND
BTM	BOTTOM	E	EXTERNAL DISTANCE OF HORIZONTAL CURVE	m	METER	S	SHED	USGS	U. S. GEOLOGICAL SURVEY
BLVD	BOULEVARD			METH	METHOD	SH	SHEET	USEL	UPSTREAM ELEVATION
BRK	BRICK	E	OFFSET DISTANCE TO VERTICAL CURVE	M	MID-ORDINATE	SHLD	SHOULDER	USFL	UPSTREAM FLOWLINE
BBOX	BUFFALO BOX			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	MIX	MIXTURE	SOD	SODDING	VV	VALVE VAULT
CB	CATCH BASIN	FAI	FEDERAL AID INTERSTATE	MBH	MOBILE HOME	SM	SOLID MEDIAN	VLT	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	VP	VENT PIPE
CL-E	CENTERLINE TO EDGE	FAUS	FEDERAL AID URBAN SECONDARY	N & BC	NAIL & BOTTLE CAP	SPL	SPECIAL	VERT	VERTICAL
CL-F	CENTERLINE TO FACE	FP	FENCE POST	N & C	NAIL & CAP	SD	SPECIAL DITCH	VC	VERTICAL CURVE
CTS	CENTERS	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 ADMINISTRATION	m ²	SQUARE METER	VPI	VERTICAL POINT OF INTERSECTION
CHSLD	CHISELED	FL	FLOW LINE			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
CLID	CLOSED LID	F&G	FRAME & GRATE	NW	NORTHWEST	SBI	STATE BOND ISSUE	WB	WESTBOUND
CT	COAT OR COURT	FRWAY	FREEWAY	OLID	OPEN LID	SR	STATE ROUTE	WILDFL	WILDFLOWERS
COMB	COMBINATION	GAL	GALLON	PAT	PATTERN	STA	STATION	W	WITH
C	COMMERCIAL BUILDING	GALV	GALVANIZED	PVD	PAVED	SPBGR	STEEL PLATE BEAM GUARDRAIL	WO	WITHOUT
CE	COMMERCIAL ENTRANCE	G	GARAGE	PVMT	PAVEMENT	SS	STORM SEWER		
CONC	CONCRETE	GM	GAS METER	PM	PAVEMENT MARKING	STY	STORY		
CONST	CONSTRUCT	GV	GAS VALVE	PED	PEDESTAL	ST	STREET		
CONTD	CONTINUED	GRAN	GRANULAR	PNT	POINT	STR	STRUCTURE		
CONT	CONTINUOUS	GR	GRATE	PC	POINT OF CURVATURE	e	SUPERELEVATION RATE		
COR	CORNER	GRVL	GRAVEL	PI	POINT OF INTERSECTION OF HORIZONTAL CURVE	S. E. RUN.	SUPERELEVATION RUNOFF LENGTH		
CORR	CORRUGATED	GND	GROUND	PRC	POINT OF REVERSE CURVE	SURF	SURFACE		
CMP	CORRUGATED METAL PIPE	GUT	GUTTER	PT	POINT OF TANGENCY	SMK	SURVEY MARKER		
CNTY	COUNTY	GP	GUY POLE	POT	POINT ON TANGENT				
CH	COUNTY HIGHWAY	GW	GUY WIRE	POLYETH	POLYETHYLENE				
CSE	COURSE	HH	HANDHOLE	PCC	PORTLAND CEMENT CONCRETE				
XSECT	CROSS SECTION	HATCH	HATCHING	PP	POWER POLE OR PRINCIPAL POINT				
m ³	CUBIC METER	HD	HEAD	PRM	PRIME				
mm ³	CUBIC MILLIMETER	HDW	HEADWALL	PE	PRIVATE ENTRANCE				
CU YD	CUBIC YARD	HDUTY	HEAVY DUTY	PROF	PROFILE				
CULV	CULVERT	ha	HECTARE	PGL	PROFILE GRADELINE				
C&G	CURB & GUTTER	HWY	HIGHWAY	PROJ	PROJECT				
		HORIZ	HORIZONTAL	P. C.	PROPERTY CORNER				
		HSE	HOUSE	PL	PROPERTY LINE				
		IL	ILLINOIS	PR	PROPOSED				
		IMP	IMPROVEMENT	R	RADIUS				
		IN DIA	INCH DIAMETER						
		INL	INLET						

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<i>Ryan Dinkell</i>	
ENGINEER OF POLICY AND PROCEDURES	
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<i>Michael L. Hine</i>	
ENGINEER OF DESIGN AND ENVIRONMENT	
ISSUED	1-1-97

DATE	REVISIONS
1-1-02	Updated abbreviations and symbols.
1-1-00	Revised abbreviations.

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

STANDARD 00001-04

ADJUSTMENT ITEMS

EX

PR

Structure To Be Adjusted



Structure To Be Cleaned



Structure To Be Filled



Structure To Be Removed



Structure To Be Reconstructed



Frame and Grate To Be Adjusted



Frame and Lid To Be Adjusted



Domestic Service Box To Be Adjusted



Valve Vault To Be Adjusted



Special Adjustment



Item To Be Abandoned



Item To Be Moved



Item To Be Relocated



Pavement Removal and Replacement



ALIGNMENT ITEMS

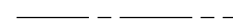
EX

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=
T.R.=
S.E. RUN=
P.C. STA=
P.T. STA=

CURVE
P.I. STA=
Δ=
R=
T=
L=
E=
e=
T.R.=
S.E. RUN=
P.C. STA=
P.T. STA=

BOUNDARIES ITEMS

EX

PR

Dashed Property Line



Solid Property/Lot Line



Section/Grant 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

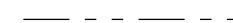
EX

PR

Culvert Line



Ditch Profile Line



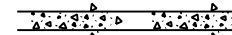
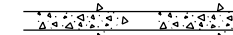
Grading & Shaping Ditches



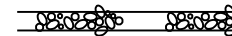
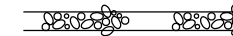
Drainage Boundary Line



Paved Ditch



Aggregate Ditch



Flowline



Ditch Check



Headwall



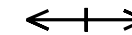
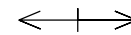
Inlet



Manhole



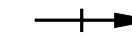
Summit



Roadway Ditch Flow



Swale



Catch Basin



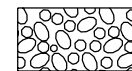
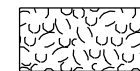
Culvert End Section



Water Surface Indicator



Riprap



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**STANDARD SYMBOLS,
 ABBREVIATIONS
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 (Sheet 2 of 8)

STANDARD 000001-04

EROSION & SEDIMENT CONTROL ITEMS

EX

PR

Cleaning & 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 & 5 Combined	
Seeding Class 5	
Seeding Class 7	

EXISTING LANDSCAPING ITEMS (cont.)

EX

PR

Seedlings Type 1	
Seedlings Type 2	
Sodding	
Mowstake w/Sign	
Tree Trunk Protection	
Evergreen Tree	
Shade Tree	

LIGHTING

EX

PR

Cable In Duct w/o Ground		
Conduit w/Ground		
Electrical Aerial Cable		
Electrical Buried Cable		
Controller		
Underpass Luminaire		
Power Pole		
Pull Point		

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

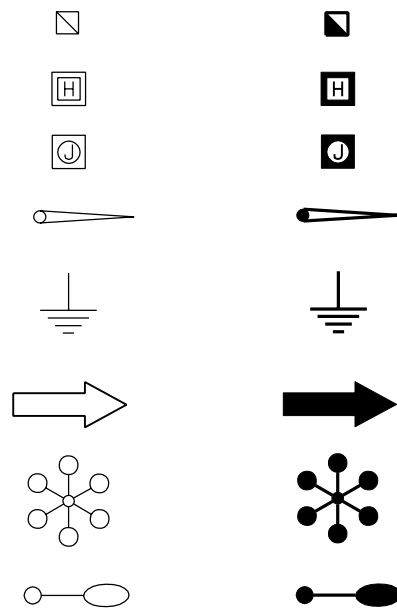
STANDARD 000001-04

**LIGHTING
(cont.)**

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

EX

PR

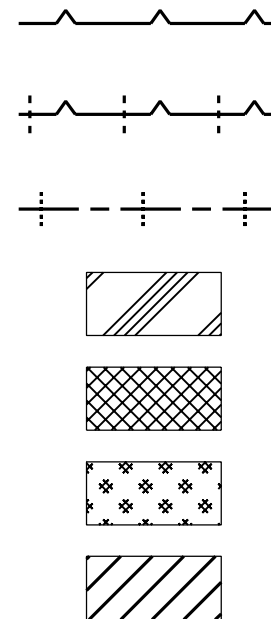


PAVEMENT (MISC.)

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

EX

PR

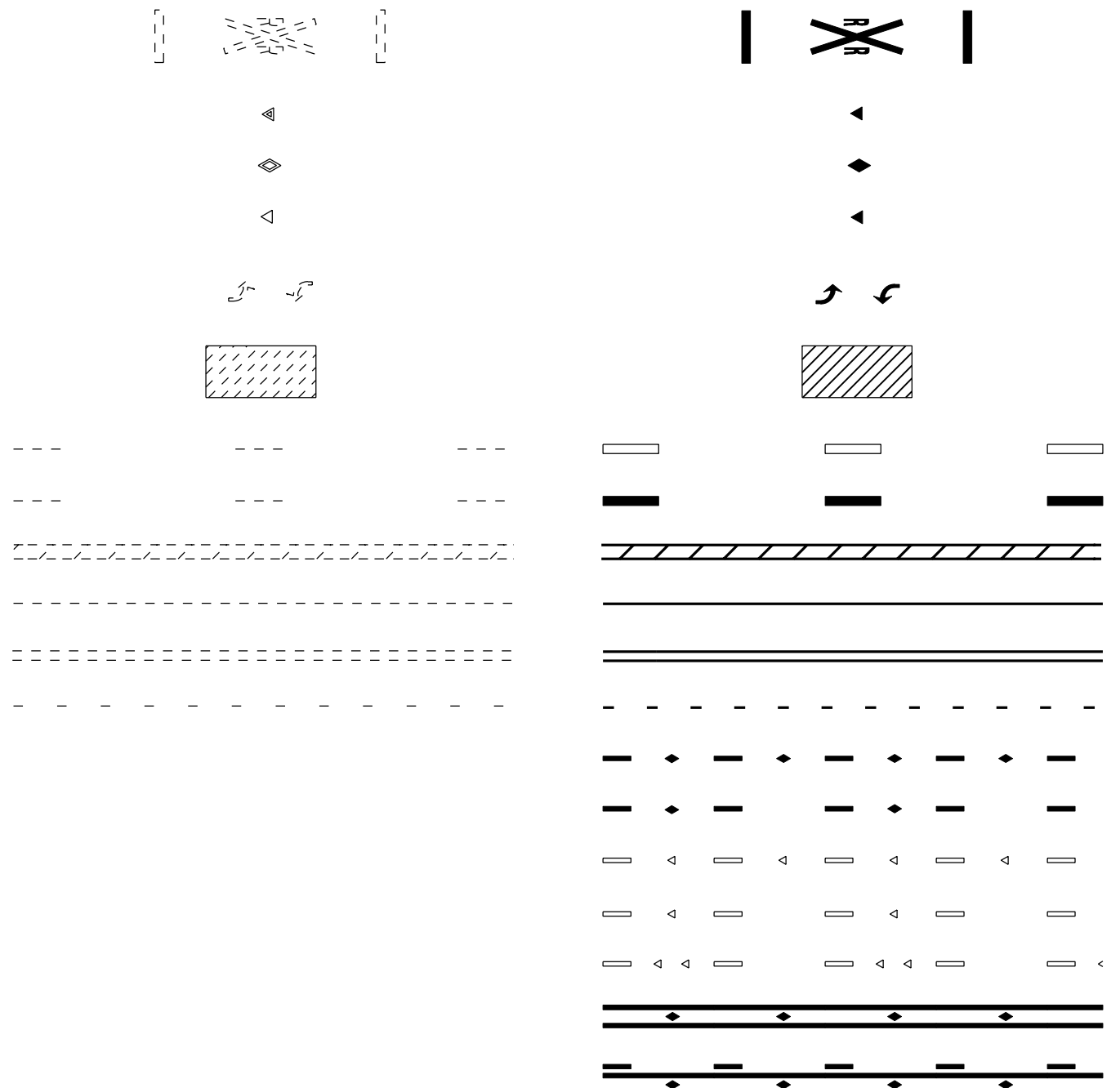


PAVEMENT MARKINGS

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

EX

PR



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STANDARD SYMBOLS,
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STANDARD 00001-04

**PAVEMENT MARKINGS
(cont.)**

Urban Combination Left Only



ONLY



Urban Combination Right Only



ONLY



Urban Left Turn Arrow



Urban Right Turn Arrow



Urban Left Turn Only



ONLY



Urban Right Turn Only



ONLY



Urban Thru Only



ONLY



Rural Combination Left Only



ONLY



Rural Combination Right Only



ONLY



Rural Left Turn Arrow



Rural Right Turn Arrow



Rural Left Turn Only



ONLY



Rural Right Turn Only



ONLY



Rural Thru Only

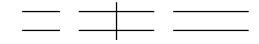


ONLY



RAILROAD ITEMS

Abandoned Railroad



Railroad



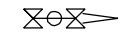
Railroad Point



Control Box



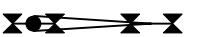
Crossing Gate



Flashing Signal



Railroad Cant. Mast Arm



Crossbuck



REMOVAL ITEMS

Removal Tic

EX

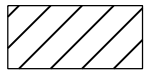
PR



Bituminous Removal



Hatch Pattern



**RIGHT OF WAY
ITEMS**

Future ROW Corner Monument

EX

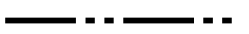
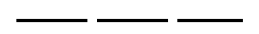
PR



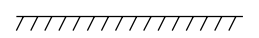
ROW Marker



ROW Line



Easement



Temporary Easement



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 (Sheet 5 of 8)

STANDARD 000001-04

**ROADWAY PLAN
ITEMS**

	<u>EX</u>	<u>PR</u>
Edge of Pavement	--- --- ---	—————
Bit Shoulders, Medians and C&G Line	--- --- ---	—————
Aggregate Shoulder		-----
Sidewalks, Driveways	--- --- ---	—————
Guardrail	□ □ □ □ □	■ ■ ■ ■ ■
Guardrail Post	□	
Traffic Sign	⊥	⊥
Corrugated Median		

ROADWAY PROFILES

	<u>EX</u>	<u>PR</u>
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

	<u>EX</u>	<u>PR</u>
Barricade Type 1 or 2		○
Barricade Type II		▧

**SIGNING ITEMS
(cont.)**

	<u>EX</u>	<u>PR</u>
Barricade Type III		⊥
Barricade With Edge Line		⊥
Flashing Light Sign		○
Panels I		▨
Panels II		▬
Sign Flag		◇
Direction of Traffic		➡
Detour M4-10L-(0)		◀ DETOUR
Detour M4-10R-(0)		DETOUR ▶
One Way Left R6-1L		◀ ONE WAY
One Way Right R6-1R		ONE WAY ▶
One Way Arrow Lrg. W1-6-(0)		◀
Two Way Arrow Large W1-7-(0)		↔
Reverse Left W1-4L		↶
Reverse Right W1-4R		↷
Two Way Traffic Sign W6-3		↕

**SIGNING ITEMS
(cont.)**

	<u>EX</u>	<u>PR</u>
Detour Ahead W20-2		◇ DETOUR AHEAD
Left Lane Closed Ahead		◇ LEFT LANE CLOSED AHEAD
Road Closed Ahead W20-R-(0)		◇ RIGHT LANE CLOSED AHEAD
Road Closed Ahead W20-3-(0)		◇ ROAD CLOSED AHEAD
Road Construction Ahead W20-1-(0)		◇ ROAD CONSTRUCTION AHEAD
Single Lane Ahead		◇ SINGLE LANE AHEAD
Transition Left W4-2L		◇
Transition Right W4-2R		◇

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(Sheet 6 of 8)

STANDARD 000001-04

**SIGNING ITEMS
(cont.)**

EX

PR

Left Turn Lane R3-I100L



Keep Left R4-7AL



Keep Left R4-7BL



Keep Right R4-7AR



Keep Right R4-7BR



Stop Here On Red R10-6-AL



Stop Here On Red R10-6-AR



No Left Turn R3-2



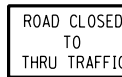
No Right Turn R3-1



Road Closed R11-2



Road Closed Thru Traffic R11-2



**TRAFFIC SHEET
ITEMS**

EX

PR

Cable Number



Left Turn Green



Left Turn Yellow



Signal Backplate



Signal Section 200 mm (8")



Signal Section 300 mm (12")



Walk/Don't Walk Letters



Walk/Don't Walk Symbols



**TRAFFIC SIGNAL
ITEMS**

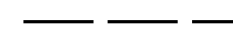
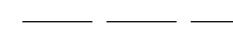
EX

PR

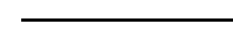
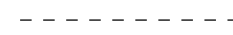
Galv. Steel Conduit



Underground Cable



Detector Loop Line



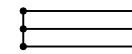
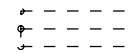
Detector Loop Large



Detector Loop Small



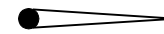
Detector Loop Quadrapole



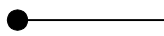
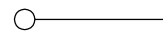
Detector Raceway



Aluminum Mast Arm



Steel Mast Arm



Veh. Detector Magnetic



**TRAFFIC SIGNAL
ITEMS (cont.)**

EX

PR

Conduit Splice



Controller



Gulfbbox Junction



Wood Pole



Temp. Signal Head



Handhole



Heavy Duty Handhole



Junction Box



Ped. Pushbutton Detector



Ped. Signal Head



Power Pole Service



Priority Veh. Detector



Signal Head



Signal Head w/Backplate



Signal Post

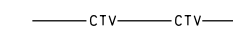


**UNDERGROUND
UTILITY ITEMS**

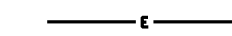
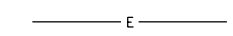
EX

PR

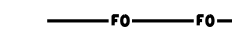
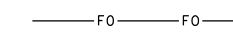
Cable TV



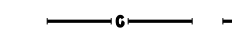
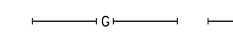
Electric Cable



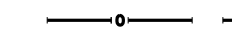
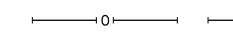
Fiber Optic



Gas Pipe



Oil Pipe



Pipe Underdrain



STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS
(Sheet 7 of 8)

STANDARD 00001-04

Illinois Department of Transportation

PASSED January 1, 2002
Ryan Dinkell
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2002
Michael L. Hine
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

**UNDERGROUND
UTILITY ITEMS
(cont.)**

	<u>EX</u>	<u>PR</u>
Sanitary Sewer		
Storm Sewer		
Telephone Cable		
Water Pipe		

UTILITIES ITEMS

	<u>EX</u>	<u>PR</u>
Controller		
Double Handhole		
Fire Hydrant		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Pole		
Manhole		
Power Pole		
Splice Box Above Ground		
Telephone Splice Box Above Ground		
Telephone Pole		
Traffic Signal		
Water Meter Valve Box		

VEGETATION ITEMS

	<u>EX</u>	<u>PR</u>
Deciduous Tree		
Bush		
Evergreen Tree		
Stump		
Vegetation Line		
Woods & Bush Line		

**WATER FEATURE
ITEMS**

	<u>EX</u>	<u>PR</u>
Stream or Drainage Ditch		
Waters Edge		
Water Surface Indicator		
Water Point		
Disappearing Ditch		
Marsh		

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