


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		OFFSET DISTANCE TO VERTICAL CURVE	METH	METHOD	SH	SHEET	USEL	UPSTREAM ELEVATION
BRK	BRICK	E		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 MEDIUM	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
CS	CITY STREET	FDN	FOUNDATION	NB	NORTHBOUND	STB	STABILIZED	WV	WATER VALVE
CP	CLAY PIPE	FR	FRAME	NE	NORTHEAST	STD	STANDARD	WMAIN	WATER MAIN
CLSD	CLOSED	F&G	FRAME & GRATE	NW	NORTHWEST	SBI	STATE BOND ISSUE	WB	WESTBOUND
CLID	CLOSED LID	FRWAY	FREEWAY	OLID	OPEN LID	SR	STATE ROUTE	WILDFL	WILDFLOWERS
CT	COAT OR COURT	GAL	GALLON	PAT	PATTERN	STA	STATION	W	WITH
COMB	COMBINATION	GALV	GALVANIZED	PVD	PAVED	SPBGR	STEEL PLATE BEAM GUARDRAIL	WO	WITHOUT
C	COMMERCIAL BUILDING	G	GARAGE	PVMT	PAVEMENT	SS	STORM SEWER		
CE	COMMERCIAL ENTRANCE	GM	GAS METER	PM	PAVEMENT MARKING	STY	STORY		
CONC	CONCRETE	GV	GAS VALVE	PED	PEDESTAL	ST	STREET		
CONST	CONSTRUCT	GRAN	GRANULAR	PNT	POINT	STR	STRUCTURE		
CONTD	CONTINUED	GR	GRATE	PC	POINT OF CURVATURE	e	SUPERELEVATION RATE		
CONT	CONTINUOUS	GRVL	GRAVEL	PI	POINT OF INTERSECTION OF HORIZONTAL CURVE	S.E. RUN.	SUPERELEVATION RUNOFF LENGTH		
COR	CORNER	GND	GROUND	PRC	POINT OF REVERSE CURVE	SURF	SURFACE		
CORR	CORRUGATED	GUT	GUTTER	PT	POINT OF TANGENCY	SMK	SURVEY MARKER		
CMP	CORRUGATED METAL PIPE	GP	GUY POLE	POT	POINT ON TANGENT				
CNTY	COUNTY	GW	GUY WIRE	POLYETH	POLYETHYLENE				
CH	COUNTY HIGHWAY	HH	HANDHOLE	PCC	PORTLAND CEMENT CONCRETE				
CSE	COURSE	HATCH	HATCHING	PP	POWER POLE OR PRINCIPAL POINT				
XSECT	CROSS SECTION	HD	HEAD	PRM	PRIME				
m ³	CUBIC METER	HDW	HEADWALL	PE	PRIVATE ENTRANCE				
mm ³	CUBIC MILLIMETER	HDUTY	HEAVY DUTY	PF	PROFILE				
CU YD	CUBIC YARD	ha	HECTARE	PROF	PROFILE				
CULV	CULVERT	HMA	HOT MIX ASPHALT	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						

 Illinois Department of Transportation
 PASSED January 1, 2008
Scott Smith
 ENGINEER OF POLICY AND PROCEDURES
 APPROVED January 1, 2008
Ken E. Han
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-08	Updated abbreviations and symbols.
1-1-02	Updated abbreviations and symbols.

**STANDARD SYMBOLS,
 ABBREVIATIONS
 AND PATTERNS**
 (Sheet 1 of 8)
STANDARD 000001-05

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

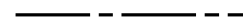
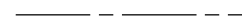
EX

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=

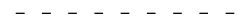
CURVE
P.I. STA=
Δ=
R=
T=
L=
E=
e=
T.R.=
S.E. RUN=
P.C. STA=
P.T. STA=

BOUNDARIES ITEMS

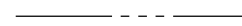
EX

PR

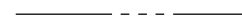
Dashed Property Line



Section/Grant Line



County/Township Line



State Line



Iron Pipe Found



Iron Pipe Set



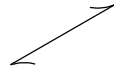
Survey Marker



Property Line Symbol



Same Ownership Symbol



Northwest Quarter Corner



Section Corner



Southeast Quarter Corner

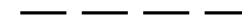


CONTOUR ITEMS

EX

PR

Approx. Index Line



Approx. Intermediate Line



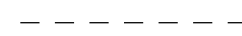
Index Contour



Intermediate Contour



Slope Limit Line

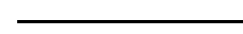
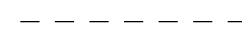


DRAINAGE ITEMS

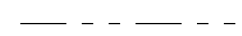
EX

PR

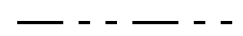
Culvert Line



Ditch Profile Line



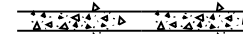
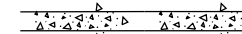
Grading & Shaping Ditches



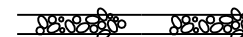
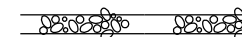
Drainage Boundary Line



Paved Ditch



Aggregate Ditch



Flowline



Ditch Check



Headwall



Inlet



Manhole



Summit



Roadway Ditch Flow



Swale



Catch Basin



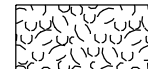
Culvert End Section



Water Surface Indicator



Riprap



Illinois Department of Transportation

PASSED January 1, 2008
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2008
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

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

STANDARD 00001-05

EROSION & SEDIMENT CONTROL ITEMS

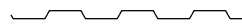
EX

PR

Cleaning & Grading Limits



Dike



Erosion Control Fence



Perimeter Erosion Barrier



Temporary Fence



Ditch Check Temporary



Ditch Check Permanent



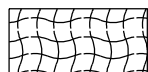
Inlet & Pipe Protection



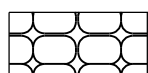
Sediment Basin



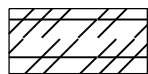
Erosion Control Blanket



Fabric Formed Concrete Revetment Mat



Turf Reinforcement Mat



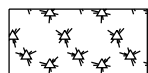
Mulch Temporary



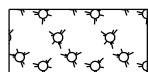
Mulch Method 1



Mulch Method 2 Stabilized



Mulch Method 3 Hydraulic

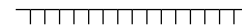


EXISTING IMPROVEMENT ITEMS

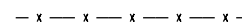
EX

PR

Noise Attn./Levee



Fence



Base of Levee



Mailbox



Pay Telephone



Advertising Sign



LANDSCAPING ITEMS

EX

PR

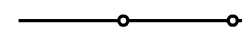
Contour Mounding Line



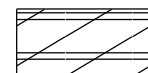
Shrubs



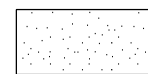
Mowline



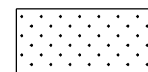
Perennial Plants



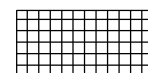
Seeding Class 2



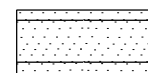
Seeding Class 2A



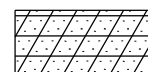
Seeding Class 3



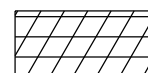
Seeding Class 4



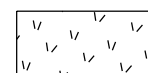
Seeding Class 4 & 5 Combined



Seeding Class 5



Seeding Class 7

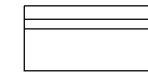


EXISTING LANDSCAPING ITEMS (cont.)

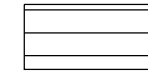
EX

PR

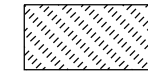
Seedlings Type 1



Seedlings Type 2



Sodding



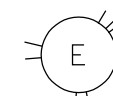
Mowstake w/Sign



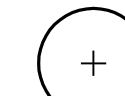
Tree Trunk Protection



Evergreen Tree



Shade Tree



LIGHTING

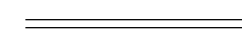
EX

PR

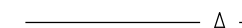
Duct



Conduit



Electrical Aerial Cable



Electrical Buried Cable



Controller



Underpass Luminaire



Power Pole



Pull Point



Illinois Department of Transportation

PASSED January 1, 2008
Scott Schick
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2008
Ken E. Han
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

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

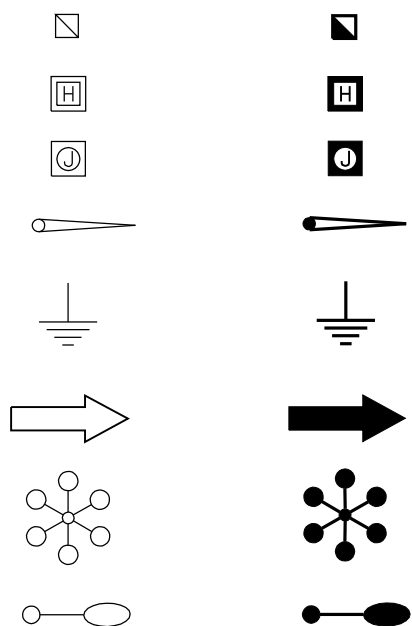
STANDARD 00001-05

**LIGHTING
(cont.)**

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

EX

PR

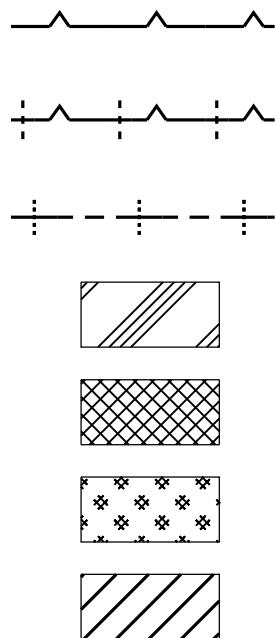


PAVEMENT (MISC.)

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

EX

PR

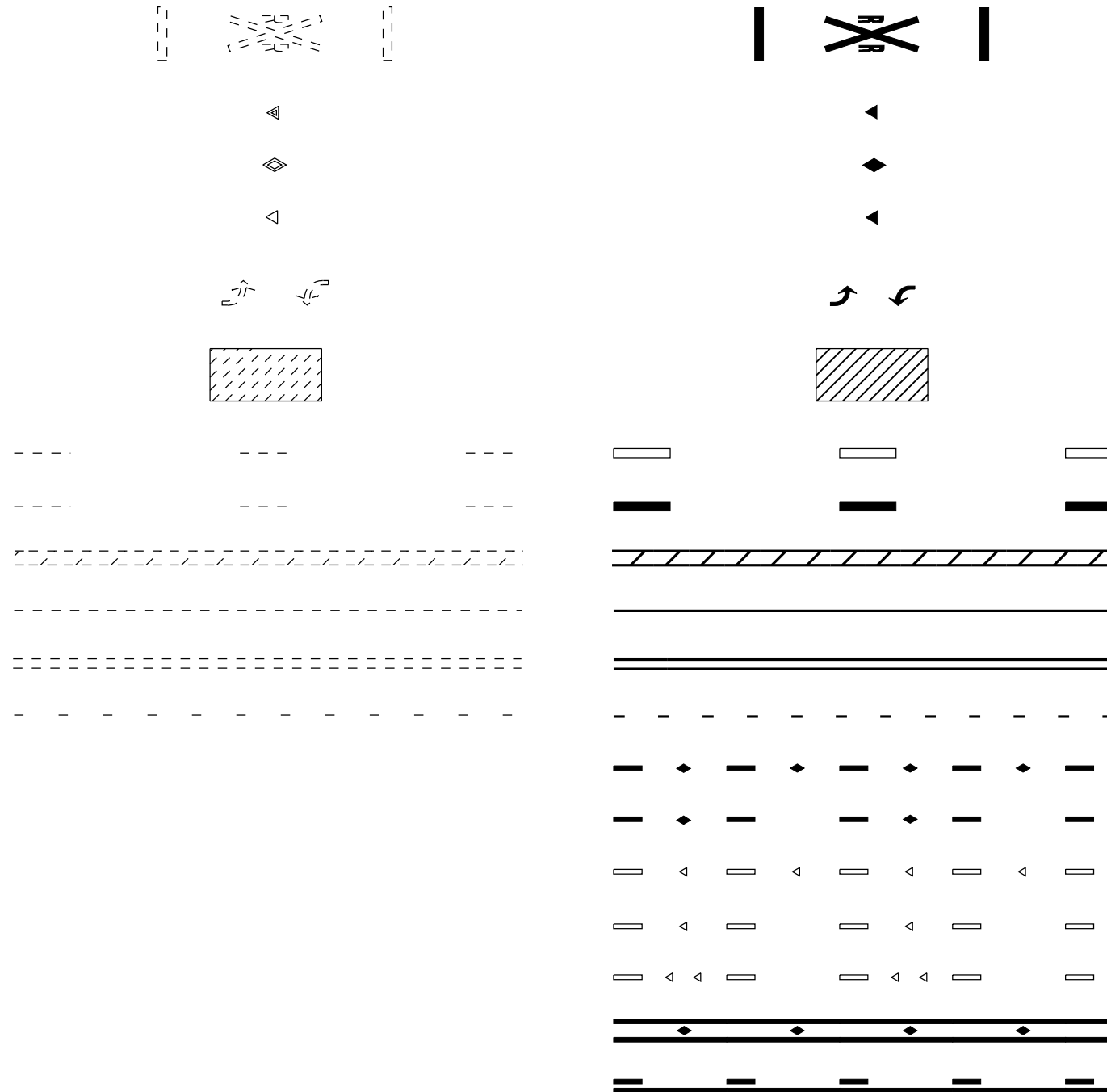


PAVEMENT MARKINGS

- 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



Illinois Department of Transportation

PASSED January 1, 2008
 ENGINEER OF POLICY AND PROCEDURES
 APPROVED January 1, 2008
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

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

STANDARD 00001-05

**ROADWAY PLAN
ITEMS**

	EX	PR
Edge of Pavement	— — — —	————
Bit 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
Cone, Drum or Barricade		○
Barricade Type II		⊥

**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 M4-10L-(0)		
Detour M4-10R-(0)		
One Way Left R6-1L		
One Way Right R6-1R		
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.)**

	EX	PR
Detour Ahead W20-2(0)		
Left Lane Closed Ahead W20-5L(0)		
Right Lane Closed Ahead W20-5R(0)		
Road Closed Ahead W20-3(0)		
Road Construction Ahead W20-1-(0)		
One Lane Road Ahead W20-4		
Transition Left W4-2L		
Transition Right W4-2R		

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

STANDARD 00001-05

**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



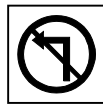
Stop Here On Red R10-6-AL



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

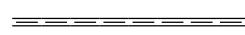


**TRAFFIC SIGNAL
ITEMS**

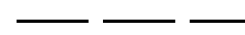
EX

PR

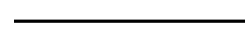
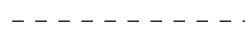
Galv. Steel Conduit



Underground Cable



Detector Loop Line



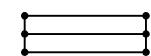
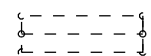
Detector Loop Large



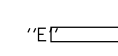
Detector Loop Small



Detector Loop Quadrapole



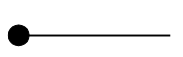
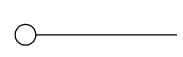
Detector Raceway



Aluminum Mast Arm



Steel Mast Arm



Veh. Detector Magnetic



**TRAFFIC SIGNAL
ITEMS (cont.)**

EX

PR

Conduit Splice



Controller



Gulfbox 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

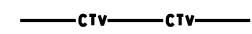
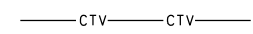


**UNDERGROUND
UTILITY ITEMS**

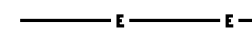
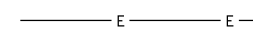
EX

PR

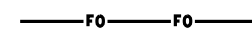
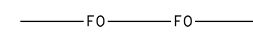
Cable TV



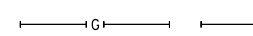
Electric Cable



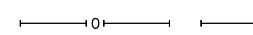
Fiber Optic



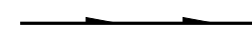
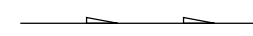
Gas Pipe



Oil Pipe



Pipe Underdrain



**STANDARD SYMBOLS,
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(Sheet 7 of 8)

STANDARD 00001-05

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**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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