

ALIGNMENT			BRIDGE			ROADWAY			ITS			UTILITIES			ROW MAPPING		
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION
⊙	ACC	CENTER OF CURVATURE	□	BSC	BRIDGE, SCUPPER	⊙	RES P	ELEVATION, SPOT	⊙	IANT P	ANTENNAS	⊙	UEB	ELECTRIC, BOX	⊙	MDL1P	DEED LINE, TYPE 1
+	ACOGO	COGO	DRAINAGE			⊗	RGA	GUIDE RAIL, ANCHOR	⊙	IASCTS	ACCOU. SPEED/COUNT SNSR.S	⊙	UEM	ELECTRIC, METER	⊙	MDL2P	DEED LINE, TYPE 2
⊙	ACS	CURVE TO SPIRAL				○	RGP	GUIDE POST, SINGLE	⊙	ICABPAD	CABINET & PAD	⊙	UEMH	ELECTRIC, MANHOLE	⊙	MDL3P	DEED LINE, TYPE 3
△	ADPL_P	DETOUR, POINT OF INTERSECT.	+	DINV	INVERT	SIGNS			⊙	ICCTV	CCTV SITE	⊙	UEPT	ELECTRIC, POLE, TRANS.	⊙	MDL4P	DEED LINE, TYPE 4
○	ADPL_P	DETOUR, POINT ON LINE	⊙	DS	STRUCTURE, RECTANGULAR				⊙	ICDPD	CDPD TRANSCEIVER	⊙	UGM	GAS, METER	⊙	MDL5P	DEED LINE, TYPE 5
○	AEQN	EQUATION	+	DSI	STRUCTURE, INVERT	⊙	S	SINGLE POST	⊙	ICELLT	CELL PHONE TOWER	⊙	UGMH	GAS, MANHOLE	⊙	MEEP	EASEMENT, EXISTING
⊙	AEQNAHD	EQUATION AHEAD	⊙	DSM	STRUCTURE, MANHOLE	⊙	SB P	BACK TO BACK, PROPOSED	⊙	ICJB	CONDUIT JACK OR BORING	⊙	UGLM	GAS, LINE MARKER	⊙	MEPAP_P	EASEMENT, PERM., APPROX.
⊙	AEQNBK	EQUATION BACK	⊙	DSMTXX_P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96	⊙	SDEL	DELINEATORS	⊙	ICNTLCAB	CONTROLLER CABINET	⊙	UGP	GAS/FUEL PUMP	⊙	MEPP_P	EASEMENT, PERM., BACK LINE
⊙	AEVT	EVENT STATION	⊙	DSR	STRUCTURE, ROUND	⊙	SPM	PARKING METER	⊙	ICPB	COMMUNICATION PULL BOX	⊙	UGV	GAS, VALVE	⊙	MEPSP_P	EASEMENT, PERM., SHAPE
⊙	APC	POINT OF CURVATURE	⊙	DSR	STRUCTURE, ROUND	⊙	SRM	REFERENCE MARKERS	⊙	ICTD	CONDUIT TURNING DOWN	⊙	UGVT	GAS, VENT	⊙	MFAP_P	FEE ACQUISITION, APPROX.
⊙	APCC	POINT OF COMPOUND CURVATURE	⊙	DSMTXX_P	STRUCTURE, RECT., WITH CURB TYPE "XX" "XX" = F, G, M, O, P, R	⊙	SRSC3	SHLD, CTY, 123 DIG.	⊙	ICTU	CONDUIT TURNING UP	⊙	ULP	LIGHTING, POLE	⊙	MFP_P	FEE ACQUISITION, BACK LINE
△	API	POINT OF INTERSECTION	⊙	DSMTXX_P	STRUCTURE, RECT., TYPE "X" "X" = I, K, L, M, O, P, U	⊙	SRSC4	SHLD, CTY, 4 DIG.	⊙	ICVRT	COMM. VEH. ROAD TRANSCEIVER	⊙	ULPM	LIGHTING, POLE, MEDIAN	⊙	MFSP_P	FEE ACQUISITION, SHAPE
△	APOB	POINT OF BEGINNING	ENVIRONMENTAL			⊙	SRSC2	SHLD, CTY TOUR, 1-2 DIG.	⊙	IDEFAULT	DEFAULT	⊙	ULPP	LIGHTING, POLE, PED.	⊙	MHBAP	HIGHWAY BNDRY., APPROX.
⊙	APOC	POINT OF CURVATURE				⊙	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊙	IEZR	E-ZPASS READER	⊙	UMFC	MISC. FILLER CAP	⊙	MHBCP	HISTORICAL, BLDG. CORNERS
△	APOE	POINT OF END	⊙	ETOP_P	STR., INLET, OUTLET PROT.	⊙	SRS1	SHLD, INTERSTATE	⊙	IEZTR	TRANSMITTAL READER	⊙	UOLM	OIL, LINE MARKER	⊙	MHBP	HIGHWAY BNDRY, PT.
⊙	APOL	POINT ON LINE	⊙	EIPGB_P	STR., INLET PROT., GRAVEL BAG	⊙	SRSN2	SHLD, NATIONAL, 2 DIG.	⊙	IFXCAB	FIBER OPTIC X-CONNECT CAB.	⊙	UP	POLE, WITH UTILITY	⊙	MJCP	PT., JURIS. CITY
⊙	APOS	POINT ON SPIRAL	⊙	EIPHS_P	STR., INLET PROT., HAY/STRAW	⊙	SRSN3	SHLD, NATIONAL, 3 DIG.	⊙	IFUSSPL	FUSION SPLICE	⊙	UPD	POLE, DEAD (NO UTILITY)	⊙	MPBC	PT., BUILDING CORNER
⊙	APOT	POINT ON TANGENT	⊙	EIPPS_P	STR., INLET PROT., PREFAB.	⊙	SRSS2	SHLD, STATE, 2 DIG.	⊙	IHARADV	HAR ADVISORY SIGN	⊙	UPL	POLE, WITH LIGHT	⊙	MPCC	PT., CROSS CUT
△	APOVC	POINT ON VERTICAL CURVE	⊙	EIPPS_P	STR., INLET PROT., PREFAB.	⊙	SRSS3	SHLD, STATE, 3 DIG.	⊙	IHARST	HAR SITE	⊙	USMH	SANITARY SEWER MANHOLE	⊙	MPDH	PT., DRILL HOLE
△	APOVT	POINT ON VERTICAL TANGENT	⊙	EIPPS_P	STR., INLET PROT., PREFAB.	⊙	SRSS4	SHLD, STATE, 4 DIG.	⊙	ILC	LOAD CENTER	⊙	UTB	TELEPHONE, BOOTH	⊙	MPF	PT., FENCE LOCATION
Y	APORC	POINT ON REVERSE CURVE	⊙	EIPPS_P	STR., INLET PROT., PREFAB.	TRAFFIC			⊙	IMECSPL	MECHANICAL SPLICE	⊙	UTLM	TELEPHONE, LINE MARKER	⊙	MPIP	PT., IRON PIPE
⊙	APT	POINT OF TANGENCY	⊙	EIPPS_P	STR., INLET PROT., PREFAB.				⊙	IMSCS	PORT. SPEED & COUNT SNSR.	⊙	UTMH	TELEPHONE, MANHOLE	⊙	MPIR	PT., IRON ROD
⊙	APVC	POINT OF VERTICAL CURVATURE	⊙	ERCB	RISER, CONCRETE BOX	⊙	TCBJ	BOX, JUNCTION	⊙	IMSCS	PORT. SPEED & COUNT SNSR.	⊙	UTVLM	CABLE TV, LINE MARKER	⊙	MPM	PT., MONUMENT
△	APVCC	POINT OF VERT. CMPND. CURVE	⊙	ETRS_P	TRAP, SEDIMENT	⊙	TCBP	BOX, PULL BOX	⊙	IMT	MICROWAVE TRANSCEIVER	⊙	UTVPB	CABLE TV, PULL BOX	⊙	MPMM	PT., MONUMENT, MISC.
⊙	APVI	POINT OF VERT. INTERSECTION	⊙	EWFG	WETLAND FLAG	⊙	TCBS	BOX, SPLICE	⊙	IOVHMS	PERM. OVERHEAD VMS	⊙	UUB	UNKNOWN, BOX	⊙	MPN	PT., NAIL
△	APVRC	POINT OF VERT. REVERSE CURVE	GEOTECHNICAL			⊙	TCMC	MICROCOMPUTER CABINET	⊙	IPASCS	PORT. ACCOU. SPD & CNT. SNSR.	⊙	UUBJ	UNKNOWN, JUNCTION BOX	⊙	MPRS	PT., RAILROAD SPIKE
⊙	APVT	POINT OF VERTICAL TANGENCY				⊙	TCPP	PED POLE	⊙	IPEDS	PEDESTRIAN SIGNAL HEAD	⊙	UUMH	UNKNOWN, MANHOLE	⊙	MPSP	PT., SPIKE
⊙	ASC	SPIRAL TO CURVE	⊙	GOH	DRILL HOLE	⊙	TCSH	SIGNAL HEADS	⊙	IPSS	PAVEMENT SURFACE SNSR.	⊙	UUPB	UNKNOWN, PULL BOX	⊙	MPST	PT., STAKE
△	ASPI	SPIRAL POINT OF INTERSECTION	LANDSCAPE			⊙	TCSP	SIGNAL POLE	⊙	IPVMS	PERM. VMS	⊙	UUVL	UNKNOWN, VALVE	⊙	MPTW	PT., TREE W/ WIRE
⊙	ASTS	SPIRAL TO SPIRAL				⊙	TCSP	SIGNAL POLE	⊙	IRM	RAMP METER	⊙	UUVT	UNKNOWN, VENT	⊙	MPWL	PT., WALL LOCATION
⊙	AST	SPIRAL TO TANGENT	CELL	NAME	DESCRIPTION	ROW ACQUISITION			⊙	IRWIS	RDWY WEATHER INFO. SNSR.	⊙	UUFH	WATER, FIRE HYDRANT	⊙	MFS_P_T	FEE ACQUISITION
⊙	ATS	TANGENT TO SPIRAL	+	LELS	ELEVATION, SPOT				⊙	ISP	SOLAR PANEL	⊙	UWFH	WATER, FIRE HYDRANT	⊙	MFS_P_T	FEE ACQUISITION
△	AVEVT	VERTICAL EVENT POINT	⊙	LFP	FLAG POLE	⊙	ISST	SPREAD SPECT. TRANSCEIVER	⊙	ITDB	TELEPHONE DEMARCATION BLK	⊙	UWM	WATER, METER	⊙	MEPS_P_T	EASEMENT, PERMANENT
⊙	AVHIGH	VERTICAL HIGH POINT	⊙	LMB	MAILBOX	⊙	ITP	SUBSURFACE TEMP. PROBE	⊙	ITVPB	TELEPHONE PULL BOX	⊙	UWMH	WATER, MANHOLE	⊙	METS_P_T	EASEMENT, TEMPORARY
⊙	AVLOW	VERTICAL LOW POINT	⊙	LPB	PAPER BOX	⊙	IVTRT	VEHICLE TO RDWY TRANSCEIVER	⊙	IVTRT	VEHICLE TO RDWY TRANSCEIVER	⊙	UWV	WATER, VALVE	⊙	METS_P_T	EASEMENT, TEMPORARY
CONTROL			⊙	LPST	POST, SINGLE	⊙	IWMD	WEIGHT IN MOTION DETECTOR	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	UWW	WATER, WELL	⊙	METS_P_T	OCCUPANCY, TEMPORARY
			⊙	LRB	ROCK, BOULDER	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	IWVT	WIRELESS VIDEO TRANSMITTER	⊙	UWW	WATER, WELL	⊙	METS_P_T	OCCUPANCY, TEMPORARY
△	CBP	BASLINE, POINT	⊙	LSHC	SHRUB, CONIFEROUS	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	UWW	WATER, WELL	⊙	METS_P_T	OCCUPANCY, TEMPORARY
⊙	CBPOL	BASLINE, POINT ON LINE	⊙	LSHD	SHRUB, DECIDUOUS	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	UWW	WATER, WELL	⊙	METS_P_T	OCCUPANCY, TEMPORARY
⊙	CBS	BASLINE, SPUR POINT	⊙	LTC	TREE, CONIFEROUS	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	UWW	WATER, WELL	⊙	METS_P_T	OCCUPANCY, TEMPORARY
⊙	CBS	BASLINE, TIE POINT	⊙	LTD	TREE, DECIDUOUS	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	UWW	WATER, WELL	⊙	METS_P_T	OCCUPANCY, TEMPORARY
⊙	CPBM	BENCHMARK	⊙	LTS	TREE, STUMP	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	UWW	WATER, WELL	⊙	METS_P_T	OCCUPANCY, TEMPORARY
⊙	CPH	POINT, HORIZ. PHOTOGRAMMETRY	⊙	LTP	TREE, WELL OR WALL	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	UWW	WATER, WELL	⊙	METS_P_T	OCCUPANCY, TEMPORARY
⊙	CPSM	POINT, SURVEY MARKER, PERM.	⊙	LUKP	UNKNOWN POINT	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	UWW	WATER, WELL	⊙	METS_P_T	OCCUPANCY, TEMPORARY
⊙	CPSV	POINT, VERT., PHOTOGRAMMETRY	⊙	LUKP	UNKNOWN POINT	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	IWVR	WIRELESS VIDEO REPEATER	⊙	UWW	WATER, WELL	⊙	METS_P_T	OCCUPANCY, TEMPORARY

1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.

4. PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.40 mm ON B SIZE DRAWINGS).

5. MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS.

6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

ALIGNMENT			LANDSCAPE			ROADWAY			UTILITIES						
STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION				
	AC	CONTROL (CENTERLINE)		LABL	AREA, BRUSH LINE		CZ	CLEAR ZONE		UC	CONDUIT, UNDERGROUND				
	AD.P	DETOUR		LAHR	AREA, HEDGE ROW		RG	GUIDE RAIL, MISCELLANEOUS		UCH	CONDUIT, HANGING				
	AT.P	TRANSITION CONTROL		LAPB	AREA, PLANTING BED		RGB	GUIDE RAIL, BOX BEAM		UCO	CONDUIT, OVERHEAD				
BRIDGE				LAWA	AREA, WOODED AREA OUTLINE		RGBM	GUIDE RAIL, BOX BEAM, MEDIAN		UE	ELECTRIC LINE, UNDERGROUND				
	BR	RAIL		LAWL	AREA, WATERS EDGE		RGC	GUIDE RAIL, CABLE		UEH	ELECTRIC LINE, HANGING				
	BSHT	SHEET PILING		LCUT.P	CUT LIMIT		RCCB	GUIDE RAIL, CONCRETE BARRIER		UEO	ELECTRIC LINE, OVERHEAD				
CONTROL				LFILL.P	FILL LIMIT		RGP.P	GUIDE POST		UETO	ELECTRIC TRANSMISSION, OVERHEAD				
	CB	BASELINE		LFNC	FENCE		RGW	GUIDE RAIL, W BEAM		UESS	ELECTRIC, SUBSTATIONS				
	CBPR	BASELINE, PROJECTION		LTRC	TREE ROW, CONIFEROUS		RGWM	GUIDE RAIL, W BEAM, MEDIAN		UFO	FIBER OPTIC, UNDERGROUND				
DRAINAGE				LTRD	TREE ROW, DECIDUOUS		RPB	PARKING BUMPER		UF0H	FIBER OPTIC, HANGING				
	DCP	CULVERT PIPE		LWH	WALL, H PILE		RRC	RAIL ROAD, CATENARY		UFOO	FIBER OPTIC, OVERHEAD				
	DCP.P	CULVERT PIPE (DIR)		LWR	WALL, RETAINING		RRER	RAIL ROAD, 3RD RAIL		UG	GAS, UNDERGROUND				
	DDG.P	DITCH, GRASS LINED		LWS	WALL, STONE		RRPLS.P	RAIL, PHOTO, LARGE SCALE		UGH	GAS, HANGING				
	DDP.P	DITCH, PAVED INVERT	ROW MAPPING				RRPSS	RAIL, PHOTO, SMALL SCALE		UGO	GAS, OVERHEAD				
	DDS.P	DITCH, STONE LINED		MDL	DEED LINE		RRS	RUMBLE STRIP		UIC	INFORM CABLE, UNDERGROUND				
	DFL.P	FLOW LINE		ME	EASEMENT, EXISTING		RRSLS.P	RAIL, SURVEY, LARGE SCALE		UICH	INFORM CABLE, HANGING				
	DSSB	SLOTTED DRAIN		MEP.P	EASEMENT, PERMANENT		RRSSS	RAIL, SURVEY, SMALL SCALE		UO	OIL LINE, UNDERGROUND				
ENVIRONMENTAL				MEPA.P	EASEMENT, PERMANENT, APPROX.		STRIPING				UOH	OIL LINE, HANGING			
	EBLS	BALE, STRAW		MET.P	EASEMENT, TEMPORARY						UPBP	POLE, BRACE, PUSH BRACE			
	ECT	CURTAIN, TURBIDITY		META.P	EASEMENT, TEMPORARY, APPROX.					STB*	BROKEN LINE		UPGW	POLE, GUY WIRE	
	EDMC	DAM, COFFER TYPE		MF.P	FEE ACQUISITION, W/ ACCESS		STDB*	DOUBLE BROKEN LINE		USA	SANITARY SEWER, UNDERGROUND				
	EDMEC.P	DAM, EARTHEN, CHECK		MFA.P	FEE ACQUISITION, APPROXIMATE		STD*	DOTTED LINE LONG		USAH	SANITARY SEWER, HANGING				
	EDMPC.P	DAM, PREFAB, CHECK		MFS.P	FEE ACQUISITION, SHAPE		STDS*	DOTTED LINE SHORT		USAF	SANITARY SEWER, FORCE MAIN, UGND				
	EDMSC.P	DAM, STONE, CHECK		MFWOA.P	FEE ACQUISITION, W/O ACCESS		STFB*	FULL BARRIER LINE		USAFH	SANITARY SEWER, FORCE MAIN, HANG				
	EFNS	FENCE, SILT		MHB	HIGHWAY BOUNDARY		STH*	HATCH LINE		UT	TELEPHONE, UNDERGROUND				
	EFNSV	FENCE, SILT & VEGETATION		MHBA	HIGHWAY BOUNDARY, APPROX.		STPB*	PARTIAL BARRIER LINE		UTH	TELEPHONE, HANGING				
	EFNV	FENCE, VEGETATION		MHBW	HWY BOUNDARY, FACE OF WALL		STRCT	ROUNDABOUT, CAT TRACKS		UTO	TELEPHONE, OVERHEAD				
	EWAA.P	WETLAND, ADJACENT AREA		MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS		STRYL	ROUNDABOUT, YIELD LINE		UTY	CABLE TV, UNDERGROUND				
	EWL	WETLAND, FEDERAL		MJC	JURISDICTION, CITY		STSB	STOP BAR		UTYH	CABLE TV, HANGING				
	EWFS	WETLAND, FEDERAL AND STATE		MJCY	JURISDICTION, COUNTY		STSE*	SOLID, EDGE		UTYO	CABLE TV, OVERHEAD				
	EWL	WETLAND, MITIGATION AREA		MJHD	JURISDICTION, HISTORIC DISTRICT		STXL*	X WALK, LADDER LINE		UU	UNKNOWN, UNDERGROUND				
	EWS	WETLAND, STATE		MJLL	JURIS., (GREAT, MILITARY) LOT LINE		* = W (WHITE) OR Y (YELLOW)				ULH	UNKNOWN, HANGING			
SIGNS				MJN	JURISDICTION, NATION		TRAFFIC CONTROL				UJO	UNKNOWN, OVERHEAD			
	SBLB	BILLBOARDS		MJPB	JURISDICTION, PUBLIC LANDS		TCSW	SIGNAL, SPAN WIRE		UW	WATER LINE, UNDERGROUND				
	SM	MULTIPLE POST		MJS	JURISDICTION, STATE						UWH	WATER LINE, HANGING			
	SSO	STRUCTURE, OVERHEAD		MJT	JURISDICTION, TOWN					TRAFFIC MAINTENANCE				UWO	WATER LINE, OVERHEAD
	SSOC	STRUCTURE, OVHD. CANTILEVER		MJV	JURISDICTION, VILLAGE									TMBD.P	BARRICADES
				MPL	PROPERTY LOT LINE									TMBCL.P	BARRICADES, LIGHTED
				MPLA	PROPERTY LOT LINE, APPROXIMATE									TMBT.P	BARRIER, TEMPORARY
				MSL	SUB LOT LINE									TMBT.P	BARRIER, TEMPORARY

