MAPPING & TOPOGRAPHY SYMBOLOGY

DESCRIPTION	EXISTING	PROPOSED
SANITARY SEWER (PLAN) – LENGTH–DIA. MATERIAL @ GRADE	(SIZE & MAT'L) SAN	LENGTH – SIZE MATL SAN
SANITARY FORCE MAIN (PLAN) – LENGTH–DIA. MATERIAL	(SIZE & MAT'L) FM	LENGTH – SIZE MATL FM
STORM SEWER (PLAN) – LENGTH–DIA. MATERIAL @ GRADE	(SIZE & MAT'L) STM	LENGTH – SIZE MATL STM
WATER MAIN (PLAN) – LENGTH–DIA. MATERIAL–(FITTING–FITTING)	(SIZE & MAT'L) WM	LENGTH – SIZE MATL (FIT FIT) WM
SANITARY SEWER (PROFILE) – LENGTH–DIA. MATERIAL @ GRADE	(SIZE & MAT'L)	XXX'– XX" PVC SAN @ 0.00%
SANITARY FORCEMAIN (PROFILE) – DIA. MATERIAL	(SIZE & MAT'L)	XXX'– XX" FORCEMAIN @ 0.00%
STORM SEWER (PROFILE) – LENGTH–DIA. MATERIAL @ GRADE	(SIZE & MAT'L)	XXX'– XX" RCP STM @ 0.00%
WATER MAIN (PROFILE) – DIA. MATERIAL	(SIZE & MAT'L)	X" PVC WM.
DRAINAGE DITCH		
GAS MAIN		
ELECTRIC – BURIED		
ELECTRIC – OVERHEAD		
TELEPHONE – BURIED		
TELEPHONE – BURIED (FIBER OPTIC)		
TELEPHONE – OVERHEAD		
CABLE TELEVISION – BURIED		
CABLE TELEVISION – OVERHEAD		
OVERHEAD CABLE (MISCELLANEOUS)		
CENTERLINE		
SURVEY LINE		
CONSTRUCTION REFERENCE LINE		
RIGHT–OF–WAY LINE		
PROPERTY LINE		
EASEMENT LINE		
SECTION LINE		
QUARTER SECTION LINE		
OFFSET OR SETBACK LINE		
PAVEMENT (STREET, DRIVE, SIDEWALK, ETC.)		
GRAVEL		
CURB & GUTTER		
RAILROAD		
FENCE – AS LABELED		
SWING GATE		
SLIDE GATE		
GUARDRAIL		
EDGE OF RIVER OR LAKE		
MARSH OR WETLAND		

DETAIL DESIGNATION

SECTION NUMBER / SHEET NUMBER WHERE TAKEN AND WHERE SHOWN

DETAIL NUMBER / SHEET NUMBER WHERE TAKEN AND WHERE SHOWN

SECTION NUMBER / SHEET NUMBER WHERE SHOWN / SHEET NUMBER WHERE TAKEN

DETAIL NUMBER / SHEET NUMBER WHERE TAKEN / SHEET NUMBER WHERE SHOWN

SECTION   **DETAIL**

MAPPING & TOPOGRAPHY SYMBOLOGY

DESCRIPTION	EXISTING	PROPOSED
BENCH MARK	BM 5 ELEV 891.22	
CATCH BASIN/INLET		
CLEAN OUT		
CONTROLLER BOX		
CONTROL POINT	CP	CP
CULVERT	(DIA. & TYPE)	(LENGTH–DIA. & TYPE)
CURB STOP G=GAS W=WATER	G OR W	G OR W
DRAINAGE ARROW		
ELECTRIC PEDESTAL		
ELECTRIC TRANSFORMER		
FIRE ALARM BOX	F	F
FIRE HYDRANT		
GAS PROBE		
GAS VENT		
GUY ANCHOR		
GUY POLE		
IRON PIPE = IP / IRON ROD = IR	IP OR IR	IP OR IR
LIFT STATION	LS	LS
LIGHT – ORNAMENTAL		
LIGHT – STREET		
CENTER SECTION	CENTER SECTION 32	
SECTION CORNER	SECTION NW NE SW SE CORNER	

MAPPING & TOPOGRAPHY SYMBOLOGY

DESCRIPTION	EXISTING	PROPOSED
MANHOLE ELECTRIC	E	
MANHOLE GAS	G	
MANHOLE MISCELANEOUS	MH	MH
MANHOLE SANITARY	SA	SAN MH
MANHOLE SIGNAL	SI	SIG MH
MANHOLE STORM	ST	STM MH
MANHOLE STORM INLET CATCH BASIN		
MANHOLE WATER	W	W
MANHOLE TELEPHONE	T	
METER – GAS	G	
METER – WATER	W	
PARKING METER	PM	PM
PEDESTAL CABLE TV		
PEDESTAL TELEPHONE		
REBAR	RB	RB
RIGHT–OF–WAY MARKER	ROW	
RAILROAD SIGNAL	RR	RR
TRAFFIC JUNCTION BOX		
SOIL BORING	B	B
SIGN		
SEPTIC TANK		
STUMP	24"	
SHRUB		
BUSH CONIFER		
BUSH DECIDUOUS		

MAPPING & TOPOGRAPHY SYMBOLOGY

DESCRIPTION	EXISTING	PROPOSED
TREE DECIDUOUS/INCH DIA	12"	
TREE CONIFEROUS/INCH DIA	10"	
TREE LINE		
TRANSMISSION TOWER		
WELL (WATER SUPPLY) W=WATER M=MONITORING O=OBSERVATION G=GAS	W/M/O/G	W/M/O/G
VALVE: W=WATER, G=GAS	W OR G	W OR G
UTILITY POLE		
UTILITY POLE W/TRANSFORMER	T	T
UTILITY & LIGHT POLE		
RIPRAP		
ROCK FILLED FILTER BAG		
EROSION BALES		
SILT FENCE	SF	SF
MAJOR CONTOURS	890	890
MINOR CONTOURS		
DEPRESSION		
SPOT ELEVATIONS	+891.2	+891.22
FEDERAL HIGHWAY	141	
INTERSTATE HIGHWAY	43	
STATE TRUNK HIGHWAY	29	
COUNTY TRUNK HIGHWAY	A	
ASPHALT TO BE REMOVED AND REPLACED		
CONCRETE TO BE REMOVED AND REPLACED		
GRAVEL TO BE REMOVED AND REPLACED		

LIST OF STANDARD ABBREVIATIONS

△	CENTRAL ANGLE OR DELTA	ELEC	ELECTRIC (E WHEN USED IN LINE STYLE)	MH	MANHOLE	RR	RAILROAD
ADT	AVERAGE DAILY TRAFFIC	EMB	EMBANKMENT	MP	MARKER POST	RT	RIGHT
AGGR	AGGREGATE	ENTR	ENTRANCE	MW	METER–WATER OR MONITORING WELL	RW	RETAINING WALL
AH	AHEAD	EP	EDGE OF PAVEMENT	N	NORTH	S	SOUTH
ASPH	ASPHALT	ET	ELECTRIC TRANSFORMER	NB	NORTHBOUND	SALV	SALVAGE
B/B	BACK TO BACK	EW	ENDWALL	NC	NORMAL CROWN	SAN	SANITARY
BARR	BARRICADE	EXC	EXCAVATION	NE	NORTHEAST	SC	STORM CONNECTION
BOC	BACK OF CURB	EXIST	EXISTING	NO	NUMBER	SB	SOUTHBOUND
BK	BACK	F	FILL	NTS	NOT TO SCALE	SDWK	SIDEWALK
BLDG	BUILDING	F/F	FACE TO FACE	NW	NORTHWEST	SE	SOUTHEAST
BM	BENCH MARK	FDN	FOUNDATION	O	OIL	SF	SILT FENCE
BSMT	BASEMENT	FE	FIELD ENTRANCE	O&C	OIL & CHIP	SIG	SIGNAL
C	CUT	FERT	FERTILIZER	OBLIT	OBLITERATE	SL	SANITARY LATERAL
C&G	CURB AND GUTTER	FH	FIRE HYDRANT	OD	OUTSIDE DIAMETER	SQ FT	SQUARE FEET
C/C	CENTER TO CENTER	FIN GR	FINISHED GRADE	PC	POINT OF CURVATURE	SQ YD	SQUARE YARD
CABC	CRUSHED AGGREGATE BASE COURSE	FL	FLOW LINE	PCC	POINT OF COMPOUND CURVE	SHLDR	SHOULDER
CB	CATCH BASIN	FM	FORCE MAIN	PED	PEDESTAL	SSD	STOPPING SIGHT DISTANCE
CE	CONSTRUCTION ENTRANCE	FO	FIBER OPTIC	PLE	PERMANENT LIMITED EASEMENT	STA	STATION
CIP	CAST IRON PIPE	FT	FOOT	PVMT	PAVEMENT	STD	STANDARD
CL	CENTERLINE	FTG	FOOTING	PCC	PORTLAND CEMENT CONCRETE	STH	STATE TRUNK HIGHWAY
CMP	CORRUGATED METAL PIPE	G	GAS	PE	PRIVATE ENTRANCE	STM	STORM OR STORM SEWER
CNTY	COUNTY	GV	GAS VALVE	PI	POINT OF INTERSECTION	STP	SEWAGE TREATMENT PLANT
CO	CLEAN OUT	GW	GUY WIRE	PJF	PRE–FORMED JOINT FILLER	STRUCT	STRUCTURE OR STRUCTURAL
CONC	CONCRETE	HDPE	HIGH DENSITY POLYETHYLENE	PL	PROPERTY LINE	SW	SOUTHWEST
CONSTR	CONSTRUCTION	HORIZ	HORIZONTAL	POC	POINT OF CURVE	TAN	TANGENT
CONSTR JT	CONSTRUCTION JOINT	HR	HANDICAP RAMP	POT	POINT ON TANGENT	T	TOWN (T WHEN USED FOR TELEPHONE LINE)
CP	CONTROL POINT	HSE	HOUSE	PP	POWER POLE	TEL	TELEPHONE
CTH	COUNTY TRUNK HIGHWAY	HT	HEIGHT	PRC URE	POINT OF REVERSE CURVATURE	TEMP	TEMPORARY
CTRL JT	CONTROL JOINT	I	INTERSECTION ANGLE	PROJ	PROJECT	TLE	TEMPORARY LIMITED EASEMENT
CTV	CABLE TV	ICS	INTERNAL CHIMNEY SEAL	PROP	PROPOSED	TOC	TOP OF CURB
CU YD	CUBIC YARD	ID	INSIDE DIAMETER	PSI	POUND PER SQUARE INCH	TRANS	TRANSITION
CS	CURB STOP	IN	INCH	PT	POINT OF TANGENCY	TYP	TYPICAL
D	DEGREE OF CURVE	INL	INLET	PVC OR	POLYVINYL CHLORIDE	UG	UNDERGROUND
DD	DIRECTIONAL DRILLED	INTERS	INTERSECTION	PVC	POINT OF VERTICAL CURVATURE	USH	US HIGHWAY
DEG	DEGREE	INV	INVERT	PVI	POINT OF VERTICAL INTERSECTION	VC	VERTICAL CURVE
DIA	DIAMETER	IP	IRON PIPE OR PIN	PVRC	POINT OF VERTICAL REVERSE CURVE	VERT	VERTICAL
DI	DUCTILE IRON PIPE	JCT	JUNCTION	PVT	POINT OF VERTICAL TANGENCY	VOL	VOLUME
DISCH	DISCHARGE	L	LENGTH (OF CURVE)	R	RANGE OR RADIUS	W	WEST
DW	DRIVEWAY	LC	LONG CHORD OF CURVE	RCP	REINFORCED CONCRETE PIPE	WB	WESTBOUND
E	EAST	LP	LIGHT POLE	REBAR	REINFORCEMENT BAR	WM	WATER MAIN
EA	EACH	LS	LIFT STATION OR LUMP SUM	REL	RELOCATE	WS	WATER SERVICE
EB	EAST BOUND	LT	LEFT	REM	REMAINING	WTP	WATER TREATMENT PLANT
EBS	EXCAVATION BELOW SUBGRADE	MAINT	MAINTENANCE	REQD	REQUIRED	WV	WATER VALVE
ECS	EXTERNAL CHIMNEY SEAL	MATL	MATERIAL	RL	REFERENCE LINE	WWTP	WASTE WATER TREATMENT PLANT
EL	ELEVATION	MB	MAILBOX	ROW	RIGHT–OF–WAY	YD	YARD
		MG	METER–GAS	RP	REFERENCE POINT		