



# P-Code Book &

# Field Collection Guide

April 2019

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★ = Shot Location

## P-Codes – By Code

Code	Description	DTM	Line	
AHEAD	"AHEAD" - Text	No	No	
AL	Arrow - Left Turn	No	No	
AR	Arrow - Right Turn	No	No	
AS	Arrow - Straight	No	No	
ASL	Arrow - Straight and Left	No	No	
ASR	Arrow - Straight and Right	No	No	
ASS	Arrow - Straight (Small)	No	No	
BB	Circular Bike Boulevard Marker	No	No	
BDOH	BUILDing OverHang	No	Feature	
BH	BoreHole	No	No	
BIKE	BIKE Rack	No	Feature	
BKR	BiKeR Symbol	No	No	
BL	Break Line	Yes	Breaking	
BLDG	BuiLDinG Line	Yes	Breaking	
BLP	Bike Signal Loop	No	No	
BM	BenchMark	No	No	
BOL	BOLiard / Post	No	No	
BSCH	Back Sight Check	No	No	
BUS	"BUS" - Text	No	No	
CBX	Communications BoX - Below Ground	No	No	
CCB	Communications CaBinet - Above Ground	Yes	Breaking	
CGUT	Combination Curb/GUTter - Edge of Concrete in Street	Yes	Breaking	
CLB	Crosswalk "Ladder" Style Boundary	No	No	
CLR	CLearRance of Bridge	No	Feature	
CMH	Communications ManHole	Yes	No	
CO	CleanOut	No	No	

## P-Codes – By Code

Code	Description	DTM	Line	
COL	COLumn	Yes	Breaking	
COM	COMmunications Line	No	Feature	
CP	Control Point	No	No	
CR	Curb Ramp	Yes	Breaking	
CRB	CuRB - Top Back	Yes	Breaking	
CRBE	CuRB - Extruded	No	Feature	
CRBRD	Roof Drain at Curb	No	No	
CRSR	Communications RiSeR - Above Ground	No	No	
CVT	Communications Vault - Below Ground	Yes	Breaking	
CWM	Com Line Warning Marker	No	No	
DCL	Ditch CenterLine	Yes	Breaking	
DF	Drinking/Water Fountain	No	No	
DIA	DIAMond Symbol	No	No	
DOOR	DOOR	Yes	Breaking	
DSPT	DownSPouT	No	No	
DWY	DriveWay	Yes	Breaking	
DY	Double Yellow - Solid (4")	No	Feature	
EAC	Edge of Asphaltic Concrete	Yes	Breaking	
EB	Edge of Brush/Vegetation	Yes	Feature	
EBG	Edge of BridGe	Yes	Breaking	
EBR	Edge of BRick	Yes	Breaking	
ECC	Edge of ConCrete	Yes	Breaking	
EGL	Edge of Gravel	Yes	Breaking	
EGS	Edge of GrasS	Yes	Breaking	
EL	ELelevation Shot	Yes	No	
ERK	Edge of Rock	Yes	Breaking	
EW	Edge of Water	Yes	Breaking	
EWL	Edge of WeTLand	No	Feature	

## P-Codes – By Code

Code	Description	DTM	Line	
FCL	FenCe Line	Yes	Feature	
FDC	Fire Department Connection	No	No	
FF	Fuel Filler Cap	No	No	
FFE	First Floor Elevation - no Basement	No	No	
FFEB	First Floor Elevation - with Basement	No	No	
FH	Fire Hydrant	No	No	
FO	Fiber Optic Line	No	Feature	
GL	Gas Line	No	Feature	
GM	Gas Meter	No	No	
GPS	GPS Point	No	No	
GPST	GatePoST	Yes	No	
GR	Guard Rail / Hand Rail	No	Feature	
GRSR	Gas RiSeR - Above Ground	No	No	
GRT	GRaTe - Irregular Field Inlet / Strip Drain (draw line)	Yes	Breaking	
GUT	GUTter	Yes	Breaking	
GUY	GUY Anchor	No	No	
GV	Gas Valve	No	No	
GVT	Gas Vault - Below Ground	Yes	Breaking	
GWM	Gas Warning Marker	No	No	
HEDG	HEDGE	No	Feature	
HORS	HORSe Ring	No	No	
HUMP	Speed HUMP Outline	Yes	Breaking	
IE	Invert Elevation of Pipe	No	No	
INBE	INlet - BEehive	No	No	
INEE	INlet - Double (End to End)	Yes	No	
INF	INlet - Field - Square/Rectangular	Yes	No	
INR	INlet - Field - Round	Yes	No	

## P-Codes – By Code

Code	Description	DTM	Line	
INSG	INlet - Standard Larger New Style	Yes	No	
INSS	INlet - Double (Side by Side)	Yes	No	
INST	INlet - Standard - Smaller Old Style	Yes	No	
INSW	INlet - Recessed Under Sidewalk	Yes	No	
IRBX	IRrigation BoX - Below Ground	No	No	
IRRSR	IRrigation RiSeR - Above Ground	No	No	
JBX	Junction BoX	Yes	No	
LID	Sewer MH LID (See pg 18)	Yes	No	
LIM	LIMit of Topo Boundary	Yes	Breaking	
LIP	LIP of Driveway	Yes	Breaking	
LOOPD	Traffic Control LOOP - Diamond	Yes	No	
LOOPR	Traffic Control LOOP - Round	Yes	No	
MBX	MailBoX	Yes	No	
MON	MONument for Property	No	No	
MTR	MoniToRing Point	No	No	
OH	OverHead Wire	No	Feature	
ONLYB	"ONLY" - Text (Big)	No	No	
ONLYS	"ONLY" - Text (Small)	No	No	
PBX	Power BoX - Below Ground	No	No	
PCB	Power CaBinet - Above Ground	Yes	Breaking	
PED	PEDestrian Signal Pole	Yes	No	
PIEZ	PIEZometer	No	No	
PKBN	ParK BENch	No	Feature	
PKL	ParKing Stall Marker - "L"	No	No	
PKM	ParKing Meter	No	No	
PKP	ParKing Stall Marker - "+"	No	No	
PKT	ParKing Stall Marker - "T"	No	No	
PLAY	PLAY Equipment	Yes	Feature	
PLTG	PLanTiNG Box - Edge	Yes	Breaking	

## P-Codes – By Code

Code	Description	DTM	Line	
PM	Power Meter	No	No	
PMH	Power ManHole	Yes	No	
PO	POle (Wires, no Light)	No	No	
POL	POle (Wires and Light)	No	No	
PRSR	Power RiSeR - Above Ground	No	No	
PVT	Power Vault - Below Ground	Yes	Breaking	
PWM	Power Warning Marker	No	No	
PWR	POWer Line	No	Feature	
RP	Reference Point	No	No	
RRCB	RailRoad CaBinEt	Yes	Breaking	
RROH	RailRoad Crossing Signal OverHead	No	No	
RRSW	RailRoad SWitch	No	No	
RRT	RailRoad Track	No	Feature	
RRWL	RailRoad Warning Light (Crossing)	Yes	No	
RXR	Railroad Crossing Symbol	No	No	
SCH	"SCHool" - Text	No	No	
SDLY	Striping - Double - Dashed / SoLid Yellow (4")	No	Feature	
SDMW	Striping - Dashed Medium White (8")	No	Feature	
SDW	Striping - Dashed White (4")	No	Feature	
SDY	Striping - Dashed Yellow (4")	No	Feature	
SED	SEDimentary Manhole	Yes	No	
SEW	SEWer Line - Sanitary/Combination	No	Feature	
SHAR	Bike Blvd Marker w/ Double Arrow	No	No	
SHMP	Speed HuMP Pavement Marker	No	No	
SHR	SHRub	Yes	No	
SIGN	SIGN		Pnt or Featr Line	

## P-Codes - By Code

Code	Description	DTM	Line	
SL	Street Light (No Wires)	No	No	
SMH	Sanitary/Combination ManHole	Yes	No	
SPH	SPrinkler Head	No	No	
SSLW	Striping - Solid Large White (12")	No	Feature	
SSMW	Striping - Solid Medium White (8")	No	Feature	
SSW	Striping - Solid White (4")	No	Feature	
SSXLW	Striping - Solid EXtra Large White (24")	No	Feature	
SSY	Striping - Solid Yellow (4")	No	Feature	
STM	STorM Line	No	Feature	
STMH	STorm ManHole	Yes	No	
STOP	"STOP" - Text	No	No	
STUM	STUMP	No	No	
STWY	STairWAY	Yes	Breaking	
SUMP	SUMP Manhole	Yes	No	
TFC	Top Face of Curb	Yes	Breaking	
TLW	Traffic Loop Wire	No	Feature	
TOES	TOE of Slope	Yes	Breaking	
TOPPI	TOP of Pipe		Pnt or Featr Line	
TOPS	TOP of Slope	Yes	Breaking	
TRCB	TRAffic CaBinet	Yes	Breaking	
TRD	TREe - Deciduous	Yes	No	
TRE	TREe - Evergreen	Yes	No	
TRPL	TRAffic Signal PoLe	Yes	No	
TRRK	TRash Rack	No	Feature	
UCB	Unknown CaBinet - Above Ground	Yes	Breaking	
UMH	Unknown ManHole	Yes	No	
URSR	Unknown RiSeR - Above Ground	No	No	

## P-Codes – By Code

Code	Description	DTM	Line
UV	Unknown Valve or Junction Box - Below Ground	No	No
UVT	Unknown Vault - Below Ground	Yes	Breaking
WB	Wall - Top Back	Yes	Breaking
WF	Wall - Bottom Face	Yes	Breaking
WKB	SideWalk - Back	Yes	Breaking
WKF	SideWalk - Front	Yes	Breaking
WL	Water Line	No	Feature
WM	Water Meter	No	No
WMH	Water ManHole	Yes	No
WP	Working Point	No	No
WRSR	Water RiSeR / Stand Pipe - Above Ground	No	No
WV	Water Valve	No	No
WVT	Water Vault - Below Ground	Yes	Breaking
WWM	Water Warning Marker	No	No
XING	"XING" - Text	No	No
YL	Yard Light	Yes	No
Z	Impact Attenuator	Yes	No

If you do not have a code for an item, use EL or BL and add a note (DNC as appropriate).



## P-Codes – By Category

Code	Description	DTM	Line	
BDOH	Building Overhang	No	Feature	Building
BLDG	Building Line	Yes	Breaking	
COL	Column	Yes	Breaking	
DOOR	Door	Yes	Breaking	
DSPT	Downspout	No	No	
FFE	First Floor Elevation - No Basement	No	No	
FFEB	First Floor Elevation - With Basement	No	No	
CBX	Communications Box - Below Ground	No	No	Communications
CCB	Communications Cabinet - Above Ground	Yes	Breaking	
CMH	Communications Manhole	Yes	No	
COM	Communications Line	No	Feature	
CRSR	Communications Riser - Above Ground	No	No	
CVT	Communications Vault - Below Ground	Yes	Breaking	
CWM	Com Line Warning Marker	No	No	
FO	Fiber Optic Line	No	Feature	Drainage/Sewer
CO	Cleanout	No	No	
CRBRD	Roof Drain at Curb	No	No	
DCL	Ditch Centerline	Yes	Breaking	
GRT	Grate - Irregular Field Inlet / Strip Drain (Draw Line)	Yes	Breaking	
IE	Invert Elevation of Pipe	No	No	
INBE	Inlet - Beehive	No	No	
INEE	Inlet - Double (End To End)	Yes	No	
INF	Inlet - Field - Square/Rectangular	Yes	No	

## P-Codes – By Category

Code	Description	DTM	Line	
INR	Inlet - Field - Round	Yes	No	<b>Drainage/Sewer</b>
INSG	Inlet - Standard Larger New Style	Yes	No	
INSS	Inlet - Double (Side by Side)	Yes	No	
INST	Inlet - Standard - Smaller Old Style	Yes	No	
INSW	Inlet - Recessed Under Sidewalk	Yes	No	
LID	Sewer MH Lid (see pg 18)	Yes	No	
SED	Sedimentary Manhole	Yes	No	
SEW	Sewer Line - Sanitary/Combination	No	Feature	
SMH	Sanitary/Combination Manhole	Yes	No	
STM	Storm Line	No	Feature	
STMH	Storm Manhole	Yes	No	
SUMP	Sump Manhole	Yes	No	
TOPPI	Top of Pipe	Pnt or Featr Line		
TRRK	Trash Rack	No	Feature	
GL	Gas Line	No	Feature	<b>Gas</b>
GM	Gas Meter	No	No	
GRSR	Gas Riser - Above Ground	No	No	
GV	Gas Valve	No	No	
GVT	Gas Vault - Below Ground	Yes	Breaking	
GWM	Gas Warning Marker	No	No	

## P-Codes – By Category

Code	Description	DTM	Line	
OH	Overhead Wire	No	Feature	Power
PBX	Power Box - Below Ground	No	No	
PCB	Power Cabinet - Above Ground	Yes	Breaking	
PM	Power Meter	No	No	
PMH	Power Manhole	Yes	No	
PRSR	Power Riser - Above Ground	No	No	
PVT	Power Vault - Below Ground	Yes	Breaking	
PWM	Power Warning Marker	No	No	
PWR	Power Line	No	Feature	
AHEAD	"Ahead" - Text	No	No	
AL	Arrow - Left Turn	No	No	
AR	Arrow - Right Turn	No	No	
AS	Arrow - Straight	No	No	
ASL	Arrow - Straight and Left	No	No	
ASR	Arrow - Straight and Right	No	No	
ASS	Arrow - Straight (Small)	No	No	
BB	Circular Bike Boulevard Marker	No	No	
BKR	Biker Symbol	No	No	
BLP	Bike Signal Loop	No	No	
BUS	"Bus" - Text	No	No	
CLB	Crosswalk "Ladder" Style Boundary	No	No	
DIA	Diamond Symbol	No	No	
DY	Double Yellow - Solid (4")	No	Feature	
ONLYB	"Only" - Text (Big)	No	No	
ONLYS	"Only" - Text (Small)	No	No	
PKL	Parking Stall Marker - "L"	No	No	
PKP	Parking Stall Marker - "+"	No	No	
PKT	Parking Stall Marker - "T"	No	No	

## P-Codes – By Category

Code	Description	DTM	Line	
RXR	Railroad Crossing Symbol	No	No	<b>Pavement Markings</b>
SCH	"School" - Text	No	No	
SDLY	Striping - Double - Dashed / Solid Yellow (4")	No	Feature	
SDMW	Striping - Dashed Medium White (8")	No	Feature	
SDW	Striping - Dashed White (4")	No	Feature	
SDY	Striping - Dashed Yellow (4")	No	Feature	
SHAR	Bike Blvd Marker W/ Double Arrow	No	No	
SHMP	Speed Hump Pavement Marker	No	No	
SSLW	Striping - Solid Large White (12")	No	Feature	
SSMW	Striping - Solid Medium White (8")	No	Feature	
SSW	Striping - Solid White (4")	No	Feature	
SSXLW	Striping - Solid Extra Large White (24")	No	Feature	
SSY	Striping - Solid Yellow (4")	No	Feature	
STOP	"Stop" - Text	No	No	
XING	"Xing" - Text	No	No	
RRCB	Railroad Cabinet	Yes	Breaking	<b>Railroad</b>
RROH	Railroad Crossing Signal Overhead	No	No	
RRSW	Railroad Switch	No	No	
RRT	Railroad Track	No	Feature	
RRWL	Railroad Warning Light (Crossing)	Yes	No	

## P-Codes – By Category

Code	Description	DTM	Line	
BOL	Bollard / Post	No	No	<b>Street</b>
CGUT	Combination Curb/Gutter - Edge Of Concrete In Street	Yes	Breaking	
CLR	Clearance Of Bridge	No	Feature	
CR	Curb Ramp	Yes	Breaking	
CRB	Curb - Top Back	Yes	Breaking	
CRBE	Curb - Extruded	No	Feature	
DWY	Driveway	Yes	Breaking	
EBG	Edge Of Bridge	Yes	Breaking	
GR	Guard Rail / Hand Rail	No	Feature	
GUT	Gutter	Yes	Breaking	
LIP	Lip Of Driveway	Yes	Breaking	
TFC	Top Face Of Curb	Yes	Breaking	
WKB	Sidewalk - Back	Yes	Breaking	
WKF	Sidewalk - Front	Yes	Breaking	
Z	Impact Attenuator	Yes	No	
BM	Benchmark	No	No	<b>Survey</b>
BSCH	Back Sight Check	No	No	
CP	Control Point	No	No	
GPS	GPS Point	No	No	
MON	Monument For Property	No	No	
MTR	Monitoring Point	No	No	
PIEZ	Piezometer	No	No	
RP	Reference Point	No	No	
WP	Working Point	No	No	

## P-Codes – By Category

Code	Description	DTM	Line
BH	Borehole	No	No
BIKE	Bike Rack	No	Feature
BL	Break Line	Yes	Breaking
EAC	Edge of Asphaltic Concrete	Yes	Breaking
EBR	Edge of Brick	Yes	Breaking
ECC	Edge of Concrete	Yes	Breaking
EGL	Edge of Gravel	Yes	Breaking
EGS	Edge of Grass	Yes	Breaking
EL	Elevation Shot	Yes	No
ERK	Edge of Rock	Yes	Breaking
EW	Edge of Water	Yes	Breaking
EWL	Edge of Wetland	No	Feature
FCL	Fence Line	Yes	Feature
GPST	Gatepost	Yes	No
HORS	Horse Ring	No	No
HUMP	Speed Hump Outline	Yes	Breaking
LIM	Limit of Topo Boundary	Yes	Breaking
MBX	Mailbox	Yes	No
PKBN	Park Bench	No	Feature
PKM	Parking Meter	No	No
PLAY	Play Equipment	Yes	Feature
PLTG	Planting Box - Edge	Yes	Breaking
SIGN	Sign	Pnt or Featr Line	
STWY	Stairway	Yes	Breaking
TOES	Toe Of Slope	Yes	Breaking
TOPS	Top Of Slope	Yes	Breaking
WB	Wall - Top Back	Yes	Breaking
WF	Wall - Bottom Face	Yes	Breaking
YL	Yard Light	Yes	No

Misc. Topo Items

## P-Codes – By Category

Code	Description	DTM	Line	
JBX	Junction Box	Yes	No	Traffic Control
LOOPD	Traffic Control Loop - Diamond	Yes	No	
LOOPR	Traffic Control Loop - Round	Yes	No	
PED	Pedestrian Signal Pole	Yes	No	
TLW	Traffic Loop Wire	No	Feature	
TRCB	Traffic Cabinet	Yes	Breaking	
TRPL	Traffic Signal Pole	Yes	No	
FF	Fuel Filler Cap	No	No	Other Utility
GUY	Guy Anchor	No	No	
PO	Pole (Wires, No Light)	No	No	
POL	Pole (Wires and Light)	No	No	
SL	Street Light (No Wires)	No	No	
UCB	Unknown Cabinet - Above Ground	Yes	Breaking	
UMH	Unknown Manhole	Yes	No	
URSR	Unknown Riser - Above Ground	No	No	Vegetation
UV	Unknown Valve Or Junction Box - Below Ground	No	No	
UVT	Unknown Vault - Below Ground	Yes	Breaking	
EB	Edge Of Brush/Vegetation	Yes	Feature	
HEDG	Hedge	No	Feature	
SHR	Shrub	Yes	No	
STUM	Stump	No	No	
TRD	Tree - Deciduous	Yes	No	
TRE	Tree - Evergreen	Yes	No	

## P-Codes – By Category

Code	Description	DTM	Line	Water
DF	Drinking/Water Fountain	No	No	
FDC	Fire Department Connection	No	No	
FH	Fire Hydrant	No	No	
IRBX	Irrigation Box - Below Ground	No	No	
IRRSR	Irrigation Riser - Above Ground	No	No	
SPH	Sprinkler Head	No	No	
WL	Water Line	No	Feature	
WM	Water Meter	No	No	
WMH	Water Manhole	Yes	No	
WRSR	Water Riser / Stand Pipe - Above Ground	No	No	
WV	Water Valve	No	No	
WVT	Water Vault - Below Ground	Yes	Breaking	
WWM	Water Warning Marker	No	No	

## Command Codes

Code Description	Command Code
Start Line	B
Close Line	C
Point of Curvature	PC
Point of Tangency	PT
Exclude from Triangulation	DNC
Random	RND
Rectangle	R
Close Rectangle	RC
Non-Tangent Curve	NT
Join Point	JPT 12345
Join Nearest Code	JNC
Distance	DIST
Extend Arc	EA



# Pavement Markings

**AL**



**AR**



**AS &  
ASS (Small)**



**ASL**



**ASR**



**RXR**



**Text Symbols**

AHEAD, BUS,  
ONLYB, ONLYS,  
SCH, STOP, XING

**TEXT**

**SHMP**



**DIA**



**BKR**



**SHAR**



**BLP**



**BB**



**PKL**



**PKP**



**PKT**



# Utility Manholes

**SMH**



Sanitary/Comb.  
Center  
Structure

**SED**



Sedimentary  
Center Structure

**SUMP**



Sump  
Center  
Structure

**STMH**



Storm  
Center  
Structure

**UMH**



Unknown  
Center of Lid

**LID**



(Sewer Only)  
Center of Lid

**WMH**



Water  
Center of Lid

**CMH**



Tel-Com  
Center of Lid

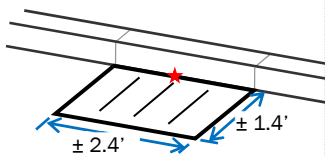
**PMH**



Power  
Center of Lid

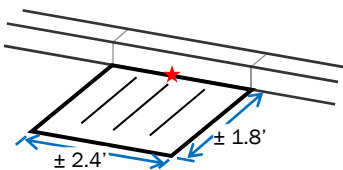
# Inlets & Drains

**INST**



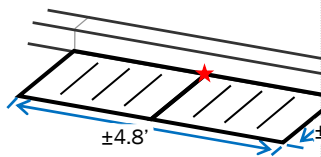
Standard, G1, Inlet

**INSG**



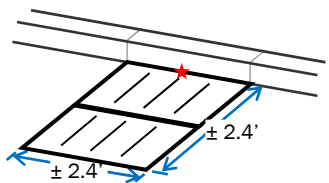
Newer, G2, Style Larger Inlet

**INEE**



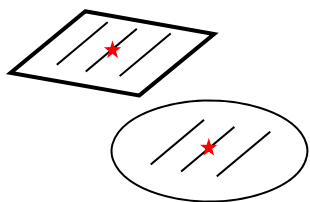
Double Inlet - End to End

**INSS**



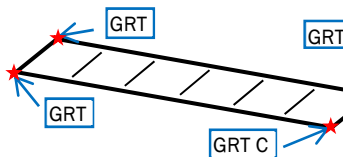
Double Inlet - Side to Side

**INF, INR & INOIL**



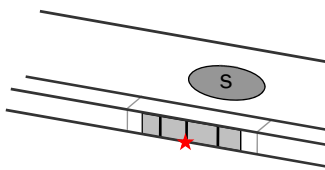
Field Inlet - Flush with Ground

**GRT & TRRK**



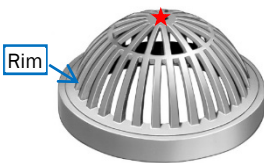
Field Inlet - Irregular Trash Rack

**INSW**



Recessed Inlet

**INBE**

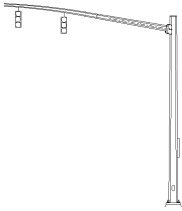


Bee-Hive Inlet

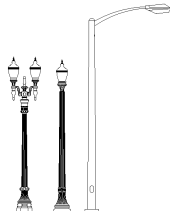
Note: Measure to both Rim and I.E.

# Poles

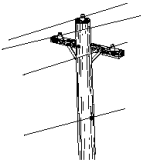
**TRPL**



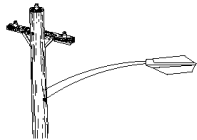
**SL**



**PO**



**POL**

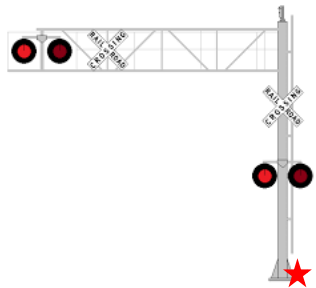


**RRWL**



Railroad Crossing Signal  
Note: Use for both signals with gates and without gates; collect center of signal.

**RROH**



Railroad Crossing Signal  
Cantilever  
Note: Larger structures with cantilevered section over road; collect at center of base/pole.

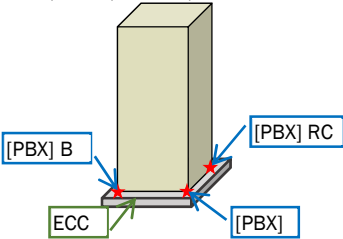
## Utility Features

	Comm / Phone	Gas	Irrigation	Power	Railroad	Traffic	Unknown	Water	
Line	<b>COM</b>	<b>GL</b>		<b>PL</b>	<b>RRT</b>	<b>TLW</b>		<b>WL</b>	Underground Utility Marks
Cabinet	<b>CCB</b>			<b>PCB</b>	<b>RRCB</b>	<b>TRCB</b>	<b>UCB</b>		Large Above Ground Utility Structure
Risers	<b>CRSR</b>	<b>GRSR</b>	<b>IRRSR</b>	<b>PRSR</b>			<b>URSR</b>	<b>WRSR</b>	Small Above Ground Utility Structure
Vault	<b>CVT</b>	<b>GVT</b>		<b>PVT</b>			<b>UVT</b>	<b>WVT</b>	Large Under Ground Utility Structure
Box / Valve	<b>CBX</b>	<b>GV</b>	<b>IRBX</b>	<b>PBX</b>		<b>JBX</b>	<b>UV</b>	<b>WV</b>	Small Under Ground Utility Structure
Warning Post	<b>CWM</b>	<b>GWM</b>		<b>PWM</b>			<b>UWM</b>	<b>WWM</b>	Warning Marker for underground facilities/lines
Meters		<b>GM</b>		<b>PM</b>				<b>WM</b>	Utility Meter

# Utility Features

## Cabinets

CCB, PCB, RRCB, TRCB & UCB



## Large Above Ground Utility Structures: Control

Boxes/Cabinets, Transformers, Shed, etc. Can be used generically, if it is unusual, please annotate (e.g. "CCB - PHONE BOOTH")

Collect Concrete Pads separately as ECC

## Risers

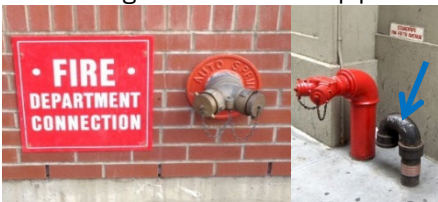
CRSR, GRSR, IRRSR, PRSR, WRSR & URSR

### Small Above Ground Utility

Structures: This is for single shot items that are **above ground**, usually these are splice locations or stand-pipes. Can be used generically for other items (use a note to specify: e.g. "PRSR - OUTLET" for a free-standing outlet)



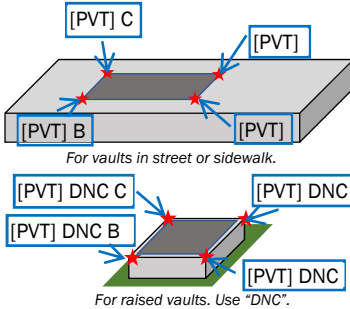
**Fire Department Connection:** Use FDC instead of WRSR for any feature labeled for Fire even if the feature is connected to a building or labeled "Standpipe".



# Utility Features

## Vaults

CVT, GVT, PVT, UVT & WVT



Large Under Ground Utility Structures: Collect the visible perimeter of any vault – either the edge of concrete on a raised vault or metal lid if no other indication. The UVT code can be used for vaulted sidewalks, underground pump stations or other similar items as needed.

## Boxes/Valves

CBX, GV, IRBX, PBX, JBX, UV & WV

Small Above Ground Utility Structures: This is



for single shot items that are **below ground**. Typically, these are valves or junction boxes, annotate if different. Use UV for unusual or unknown items with a note.



## Warning Posts

CWM, GWM, PWM, UWM & WWM

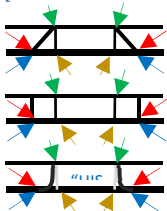
Warning posts are essential markers indicating substantial under-ground utility features. The “\*WP” are differentiated from the “\*RSR” codes in that they are *not* connected to their respective utility.



# Driveways

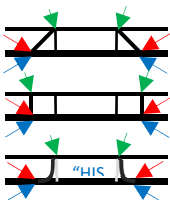
## D/W Detail: (Green Areas)

- GUT [PER X-SECTIONING]
- CRB DWY B
- DWY DWY1 B [WKB/F]
- DWY1 CRB
- DWY1 B CRB
- DWY DWY1 [WKB/F B]
- CRB DWY
- GUT [PER X-SECTIONING]



## D/W Location: (Pink & Yellow Areas)

- GUT [PER X-SECTIONING]
- CRB DWY B
- DWY [WKB/F]
- DWY [WKB/F] B
- CRB B DWY
- GUT [PER X-SECTIONING]



# ADA Corners

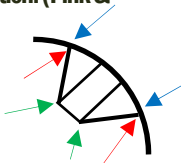
## For ADA Ramp Detail: (Green Areas)

- GUT
- CRB CR B
- CR CR1 B
- CR1 CRB
- GUT
- GUT
- CR1 B CRB
- CR CR1
- CRB CR
- GUT



## ADA Ramp Location: (Pink & Yellow Areas)

- GUT
- CRB CR B
- CR
- CR
- CRB CR
- GUT



# Speed Humps

1 Shot only in Yellow Areas

- SHMP

- BL HUMP B
- HUMP
- HUMP
- HUMP BL B
- HUMP
- HUMP C
- SHMP

