

QUESTAR[®]



GPS Mapping

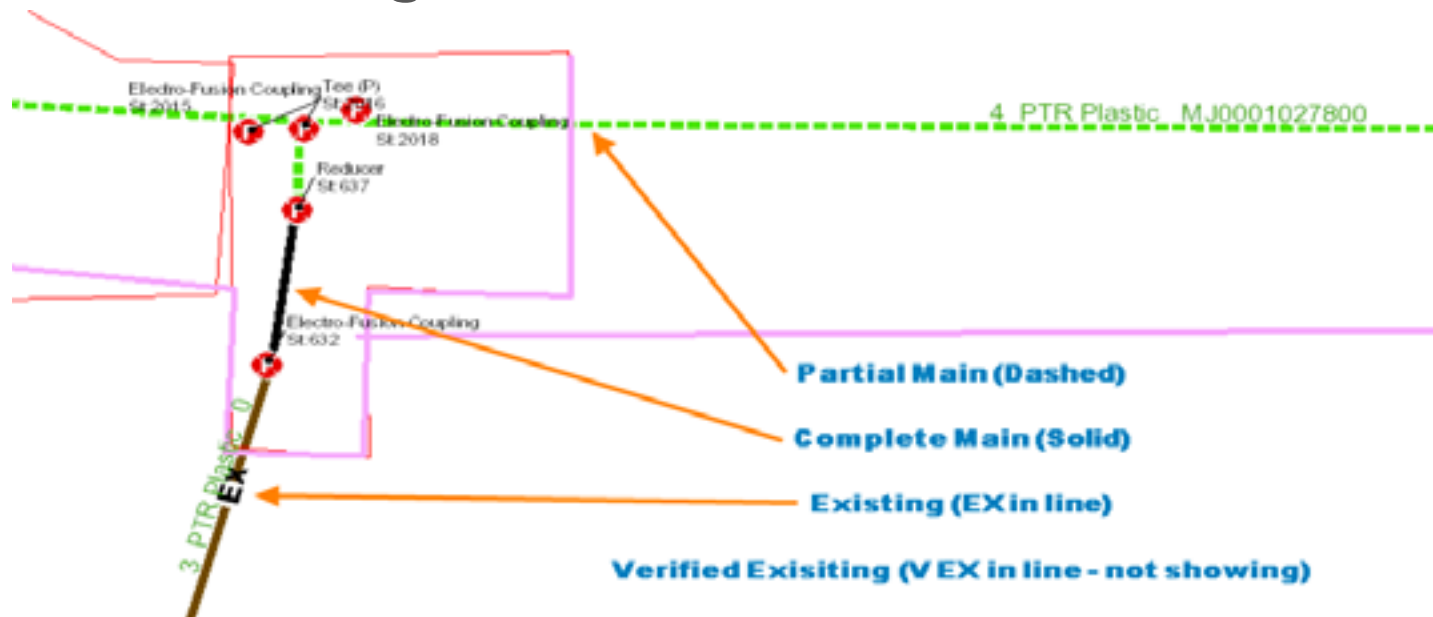
Presented by: Tren Giles

GPS Mapping

- › Mains and Services Line Status
- › Excess Cost Lines and Polygons
- › Online, Offline Points and Structures
- › Symbology
- › Pictures
- › GPS Map Link
- › HUB Worksheets
- › Barcode

Mains and Services Line Status

- ∅ New (Complete)
- ∅ Partial
- ∅ Existing
- ∅ Verified Existing



Excess Cost Lines and Polygons

Excess Cost-Line

DGPS: None GNSS Off

General Job Number Remarks

Created By: CORP\00479
Modified By: CORP\00479
Length: 39.76 ft
Excess Cost Type:

- Saw Cutting Asphalt
- Saw Cutting Concrete
- Rock Trench
- Directional Bore up to and including 3
- Directional Bore for 4**
- Directional Bore for 6
- Directional Bore for 8
- Directional Bore for 10
- Directional Bore for 12
- Dry Bore Steel Casing (8" to 12")
- Replace Curb and Gutter
- 24 Wide Trench (Joint Utility Install)
- 36 Wide Trench (Joint Utility Install)
- 48 Wide Trench (Joint Utility Install)
- 60 Wide Trench (Joint Utility Install)
- Customer Dug Trenches - 3/4
- Customer Dug Trenches - 1 1/4
- Customer Dug Trenches - 2
- GEO Foam (Top)
- GEO Foam (Below)
- GEO Foam (Around)

Excess Costs-Polygon

DGPS: None GNSS Off

General Job Number Remarks

Created By: CORP\00479
Modified By: CORP\00479
Area: 757.51 SqFt
Depth: in Volume: 0.00 cubic ft
Excess Cost Type:

- Replace Asphalt
- Replace Concrete
- Rotomill Asphalt

OK Cancel

Online, Off-line and Structures

OnlineFieldTiePT

DGPS: None GNSS Off

MJ Number: 0

General **Comments**

Stationing: 10.73

Online Field Tie Type:

Angle Point
Back of Curb
Back of Walk
Bottom Vent Casing
Cad Weld
Fence Line
High Pressure Gas
Other
Storm Drain
Top Vent Casing

Offline Field Tie-Point

DGPS: None GNSS Off

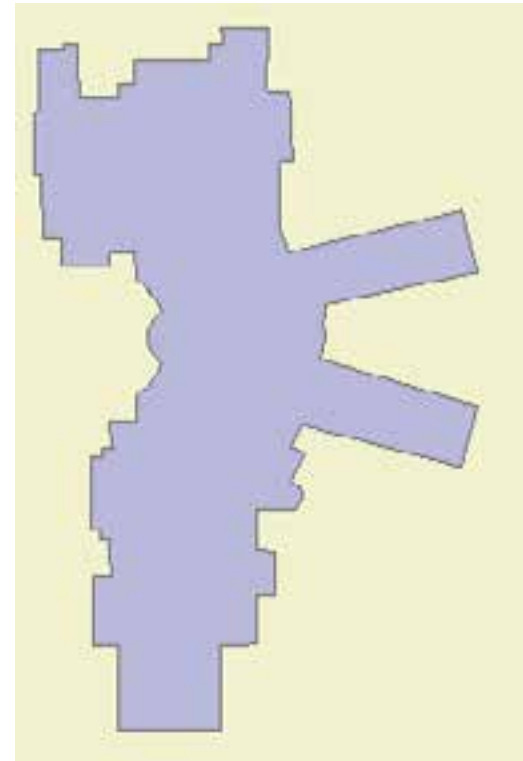
MJ Number: 0

General **Comments** Photos

Stationing: 12.73 ft
Offset: 23.58 ft



















Offline Field Tie Type:

Back of Curb
CL Fire Hydrant
CL Power Box
Structure Corner
Back of Walk
CL Telephone Ped
CL Cable Ped
Light Post
Water Box
Fence Line
Property Line
Edge of Road
Wall
Other
Wire to Locate Main
Pow/Tel Pole
CL Manhole (Any)

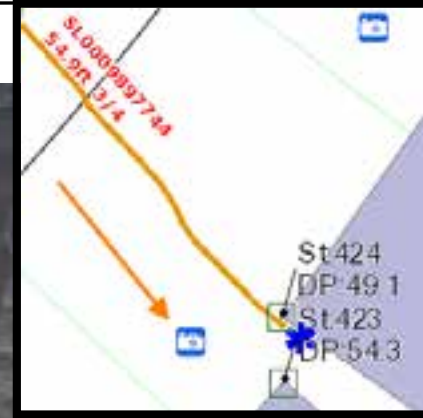
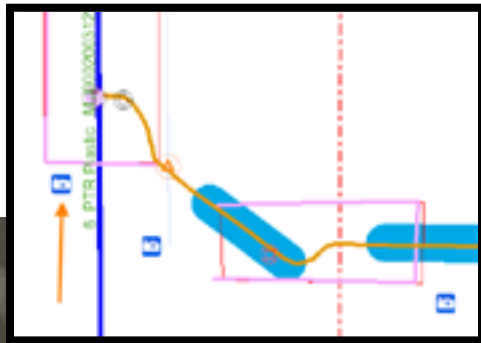


Symbology

- > This is a short list of the symbols that are on the GPS map

 Back of Curb—Offline	 Photo
 Back of Curb—Online	 Riser—Continental/other
 Back of Walk—Offline	 Riser—Anodeless
 Back of Walk—Online	 Riser—Steel
 Controllable Fitting	 Service Tap
 Dead End	 Service Valve
 Edge of Road	 Street Name
 Main Valve	 Structure Corner
 Non-Controllable Fitting	 Work Order Division

Pictures



Download and Upload Data Directly to Server

Full access to map is immediately available to:

Company Crews

Support Personnel

Contract Locators

Construction Contractors

Contract Leak Survey

Hub Worksheets

Installed Footage

Size	Type	Footage	
4"	P-TR	700.5	GPS
6"	P-TR	2342.9	GPS
3/4"	P-TR	179.9	GPS
2"	P-TR	1904.3	GPS
		Total Footage->5127.6	

Partial Footage

Size	Type	Footage	
2"	P-TR	546.8	GPS
4"	P-TR	4475.7	GPS
		Total Footage->5022.5	

Replace Asphalt	2014-05-21	703.70 x0.00x4.00	2,814.80	Sq Ft	GPS	del
Replace Asphalt	2014-05-20	8,461.10 x0.00x4.00	33,844.40	Sq Ft	GPS	del
Replace Asphalt	2014-05-20	5,832.80 x0.00x4.00	23,331.20	Sq Ft	GPS	del
						193,608.60

Rotomill Asphalt	2014-05-21	9,591.80 x0.00x4.00	38,307.20	Sq Ft	GPS	del
Rotomill Asphalt	2014-05-20	8,197.70 x0.00x4.00	32,790.80	Sq Ft	GPS	del
Rotomill Asphalt	2014-05-20	5,741.20 x0.00x4.00	22,964.80	Sq Ft	GPS	del
						97,390.40

Directional Bore for 4	2014-00-04	473.00 x0.00x0.00	473.00	Lin Ft	GPS	del
Directional Bore for 4	2014-05-31	539.80 x0.00x0.00	539.80	Lin Ft	GPS	del
Directional Bore for 4	2014-05-29	540.00 x0.00x0.00	540.00	Lin Ft	GPS	del
						3,932.60

Barcoding

- › Pending Federal Regulation
- › All pipe and fittings will be barcoded

Questions ?

