

# FAST Start Workflow



## Background Information

- ▶ Cityworks is the application the City has chosen for this process
  - ▶ Centralized repository for data in the next phase of the program
- ▶ FAST Start contractors will have their own logins to Cityworks
- ▶ Field crews will have access to Cityworks using tablets



# Service Line Exploration/Replacement

## Fast Start Service Line Work Order Created

### Task 1 - Pre-Exploration Consent

- Completes "Pre-Exploration Consent" Insp.

### Task 2 - Exploration

- Contractor Performs Exploration
- Contractor coordinates inspection by City
- "Exploration" Custom Fields completed here

### Task 3 - Post SLE/Pre SLR Inspection

- City verifies materials

### Task 4 - Replacement

- Contractor Performs Replacement
- Completes "Replacement Inspection" Template if non-copper line found

### Task 5 - Create Restoration Work Order

- Pay Items Tab of WO entered here
- Creates Restoration WO (Parent-Child)
- Marks this task as Complete, sending WO to City

### Task 6 - Final SLE/SLR Inspection

- Completes "Post SLE/SLR Inspection" Insp.
- Inspection Cost Entered Here
- Inspector Closes WO

Black - Performed by Contractor

Blue - Performed by City Water Dept

Green - Performed by City Streets Dept

Red - Restoration Performed by Restoration Contractor

Task marked as "not needed" if no non-copper found,  
Contractor Proceeds to Task 5

Restoration Work Order on Next Slide



# Restoration

## Restoration Work Order Created

### Task 1 - Estimate Restoration Quantities

- "Restoration - Estimated" Custom fields
- Marks this task as Complete, sending WO to Contractor

### Task 2 - Actual Restoration Quantities

- Contractor Reviews Quantities Estimated by the City
  - Discusses w/ City if any disagreement
- Contractor Performs Restoration
- Enters in Actual Quantities into Restoration Pay Items tab
- Marks this task as Complete, sending WO to City

### Task 3 - Restoration Inspection

- City completes the "Restoration Inspection"
- City Inspection Cost Entered Here
- Inspector Closes WO

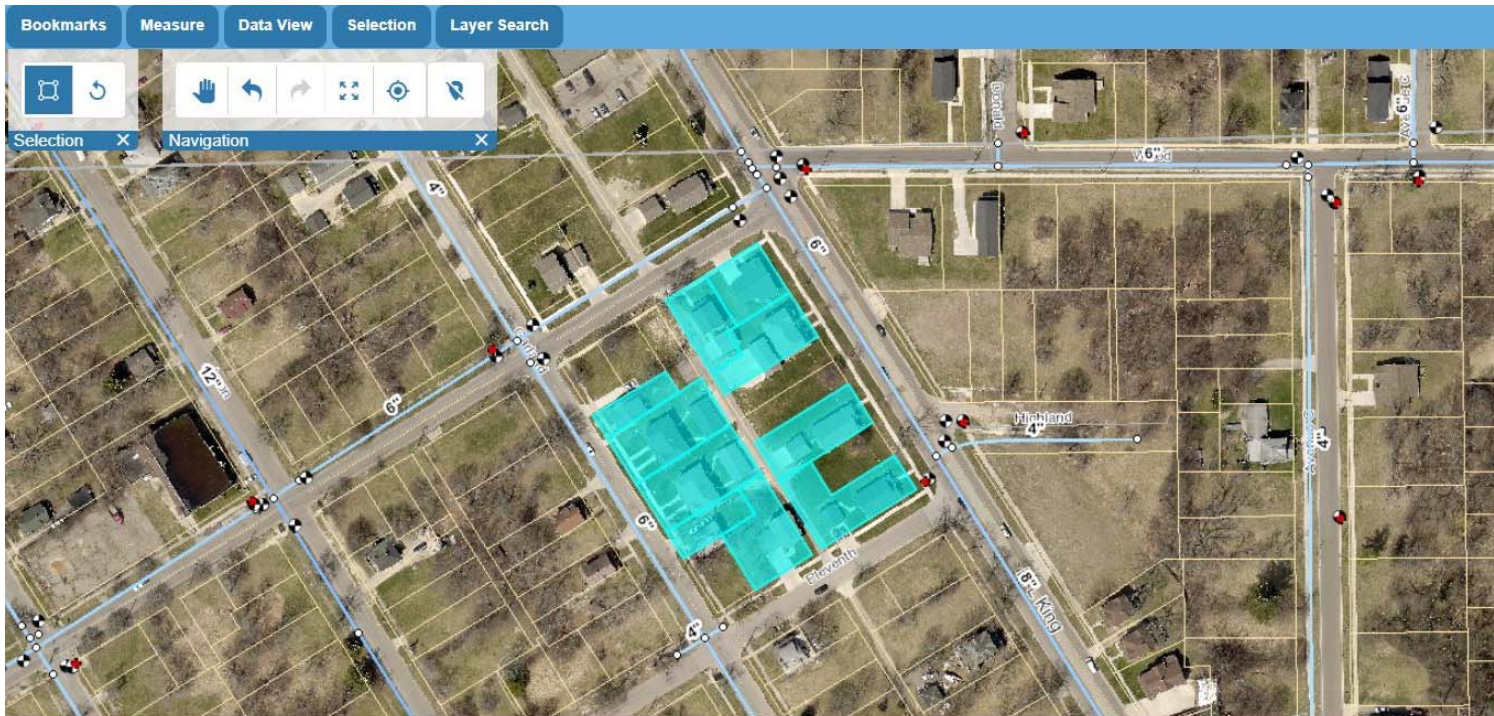
Black - Performed by Contractor

Blue - Performed by City Water Dept

Green - Performed by City Streets Dept

Red - Performed by Restoration Contractor





ParIDShort	Propcomb	ParcelID	ParIDPack	LotLabel	SchoolDist	SchoolID	PropDir
40-12-208-025	109 W WOOD ST	25-40-12-208-025	4012208025		FLINT SCHOOLS	25010	W
40-12-208-026	111 W WOOD ST	25-40-12-208-026	4012208026		FLINT SCHOOLS	25010	W
40-12-208-027	1423 M L KING AVE	25-40-12-208-027	4012208027		FLINT SCHOOLS	25010	
40-12-208-028	1424 M L KING AVE	25-40-12-208-028	4012208028		FLINT SCHOOLS	25010	





**Work Order**

Description: FAST Start Service Line

Work Order ID: 184

Initiated By: cwadmin, cwadmin Date Initiated: 02/10/2019 10:31 PM

Status: Open Priority: Medium

Contractor: Contractor, Supervisor:

Submit To: Contractor, Date Submitted: 02/10/2019 10:31 PM

Projected Start: 02/10/2019 10:31 PM Projected Finish: 02/11/2019 2:31 AM

Viewed By: Contractor, Date Viewed: 2/10/2019 11:49:49 PM

Closed By: Date Closed:

Inspected By:

Actual Start: Actual Finish:

Comments:   no comments

Total WO Cost: \$0.00

**Location Information**

WO Address: 1423 M L KING AVE

Location Details: 40-12-208-027

**Assets**

**Tasks**

SeqID	Name	Description	Status
1	Pre-Exploration Consent	Pre-Exploration Consent Form Signed	CURRENT
2	Exploration	Exploration	PENDING
3	Pre-SLR Inspection	Pre-SLR Inspection	PENDING
4	Replacement	Replacement	PENDING
5	Create Restoration Work Order	Create Restoration Work Order	PENDING
6	Post SLE/SLR Inspection	Post SLE/SLR Inspection	PENDING

**Related Work Activities**

**Inspections**

<input type="checkbox"/>	Id	Type	Description	Link Type	Entity Id	Entity
<input type="checkbox"/>	69	INSP	Property Owner Consent Form	Related	4012208027	PARC
<input type="checkbox"/>	70	INSP	FAST Start Replacement Inspect	Related	4012208027	PARC
<input type="checkbox"/>	71	UNKNOWN		Related		

**Work Orders**

**Custom Fields**

Category: Service Line Exploration

CHIP

Preconstruction Photo

Inspector

Curb Box Found

Curb Box Location

Curb Box Comments

Curb Box Photo

Curb Box Photo Comments

Public Inspector

Public Exploration Completed

Public Exploration Loc. Desc.

Public Pipe Type

Public Pipe Diameter

Pipe Depth (inches)

Public Exploration Comments

Public Exploration Photo

Public Photo Comment

Private Inspector

Prv. Exp. Homeowner Consent

Prv. Exp. Location Description

Prv. Exp. Pipe Type

Prv. Exp. Pipe Diameter

Prv. Exp. Pipe Depth (inches)

Prv. Exp. Exploration Comments

Private Side Photo

Private Side Photo Comment

In-House Inspector

In-House Homeowner Consent



Current WO's

Current User - All Open SL WO's

Open Print Expand Configure Map

Search...

Wo	Description	Address	Status	Submit To	Actual Start	Actual Finish	SLR Status
158	FAST Start Service Line	1523 AVENUE A	OPEN	Flint Water Inspector, FAST Start	01/31/2019 12:00 PM	02/5/2019 8:17 AM	
163	FAST Start Service Line	308 MARY ST	OPEN	Contractor,			
165	FAST Start Service Line	1030 N STEVENSON ST	OPEN	Flint Water Inspector, FAST Start	02/4/2019 2:00 PM	02/5/2019 4:19 PM	
166	FAST Start Service Line	616 W UNIVERSITY AVE	OPEN	Contractor,			
167	FAST Start Service Line	612 W UNIVERSITY AVE	OPEN	Contractor,			
168	FAST Start Service Line	616 W UNIVERSITY AVE	OPEN	Contractor,			
170	FAST Start Service Line	1510 PROSPECT ST	OPEN	Flint Water Inspector, FAST Start			
171	FAST Start Service Line	1101 CALDWELL AVE	OPEN	Contractor,			
172	FAST Start Service Line	1513 PROSPECT ST	OPEN	Contractor,			
177	FAST Start Service Line	1225 NIAGARA AVE	OPEN	Contractor,			
178	FAST Start Service Line	1213 NIAGARA AVE	OPEN	Contractor,			
179	FAST Start Service Line	1309 NIAGARA AVE	OPEN	Contractor,			
180	FAST Start Service Line	1314 NIAGARA AVE	OPEN	Flint Water Inspector, FAST Start	02/6/2019 2:12 PM	02/6/2019 2:30 PM	
182	FAST Start Service Line	109 W WOOD ST	OPEN	Contractor,			
183	FAST Start Service Line	111 W WOOD ST	OPEN	Contractor,			
184	FAST Start Service Line	1423 M L KING AVE	OPEN	Contractor,			
185	FAST Start Service Line	1424 GARLAND ST	OPEN	Contractor,			
186	FAST Start Service Line	1410 GARLAND ST	OPEN	Contractor,			
187	FAST Start Service Line	1418 GARLAND ST	OPEN	Contractor,			
188	FAST Start Service Line	1408 GARLAND ST	OPEN	Contractor,			



Locate Measure Create Activity

Navigation

184  
FAST Start Service Line

WORKORDERID: 184  
Description: FAST Start Service Line  
Status: OPEN  
Submit To: [Connecticut, Ely, etc.](#)  
Actual Start:  
Actual Finish:  
Address: 1423 M L KING AVE  
Domain: 1  
X: 13301034.4671215  
Y: 557855.15810049

Zoom to





### Pay Items for Current Work Order

Work Order ID: 184 FAST Start Service Line Actual

<input type="checkbox"/>	Material Id	Description	Units	Cost	Task	Asset Id	Asset	Account
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No records to display.

New Delete

#### Select Pay Item(s)

Select My Crew: FAST Start -

<input type="checkbox"/>	UID	Description	Unit	Unit Co
<input type="checkbox"/>		M.1 - Cut & Cap, Abandoned House Service (EA)	EA	300.00
<input type="checkbox"/>		M.2 - Sanitary Lateral Inspection (EA)	EA	108.00
<input type="checkbox"/>		M.3 - Sanitary Lateral Repair (EA)	EA	1293.00
<input type="checkbox"/>		M.4 - LSM, Unstable Trench Bottom (CY)	CY	460.00
<input type="checkbox"/>		M.5 - Traffic control, Flagmen/Police Assisted (HR)	HR	759.00
<input type="checkbox"/>		M.6 - Tree Removal, <=24" Diameter (EA)	EA	1380.00
<input type="checkbox"/>		M.7 - Tree Removal, =>24" Diameter (EA)	EA	2185.00
<input type="checkbox"/>		M.8 - Exploratory Excavation (EA)	EA	1682.00
<input type="checkbox"/>		OPM.1 - 3/4" Copper Service Line (EA)	EA	230.00
<input type="checkbox"/>		SLR.1 - 3/4" Partial Replacement, Public Side (EA)	EA	4350.00
<input type="checkbox"/>		SLR.10 - 2" Partial Replacement, Public Side (EA)	EA	4495.00
<input type="checkbox"/>		SLR.11 - 2" Partial Replacement, Private Side (EA)	EA	4495.00

#### Apply Quantities

Pay Item(s) 1

Quantity:

Add Selected Pay Item(s) to Work Order

