



Photo: Marc Lester, ADN

# GIS and a Housing First Approach to Solving Homelessness in Anchorage

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# Overview

- Policy: Housing First to Scale
- Technical Solution: Suite of ESRI applications
- Stories from the Front Lines



# Policy: *Housing First to scale*

Federally defined Geographic Area	Total Population	One-day 2017 count of homeless persons	Rate per 10,000 Population
Municipality of Anchorage	299,037	<b>1,128</b>	37.7
Alaska Balance of State	440,791	<b>717</b>	16.3
<b>Comparison to Western Cities and U.S. Total</b>			
Ada County (Boise, ID)	444,028	<b>833</b>	18.8
Denver Metro Area (CO)	3,117,539	<b>5,116</b>	16.4
Multnomah County (Portland, OR)	799,766	<b>4,177</b>	52.2
Salt Lake County (UT)	1,121,354	<b>2,047</b>	18.3
Spokane County (WA)	499,072	<b>1,090</b>	21.8
U.S. Total (2016 counts)	324,118,787	<b>549,928</b>	17.0

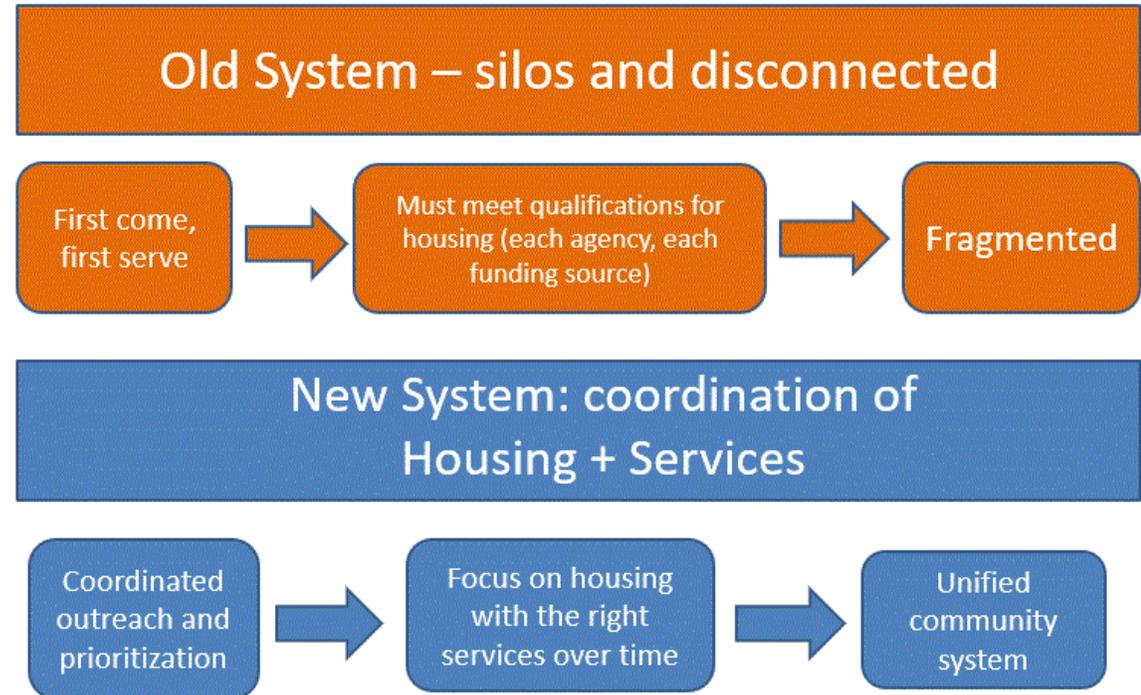
Sources: U.S. Census population estimate (2016); Alaska Department of Labor and Workforce Development (2016) Point in Time Counts reported by Continuum of Care areas in selected geographic areas; U.S. total count (2016)

## Policy: *Housing First to scale - Fix Process*

### By Name List of Homeless Individuals (Coordinated Entry)

- Demographic Surveys
- Illegal Camping
- Outreach and Shelter Capacity

Appropriate housing  
Monitoring of services

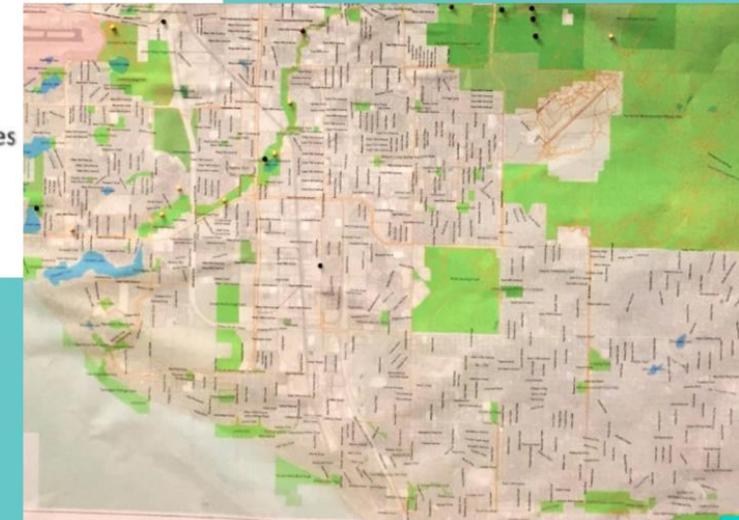


# Overarching Goal: Decrease time from first encounter to housing

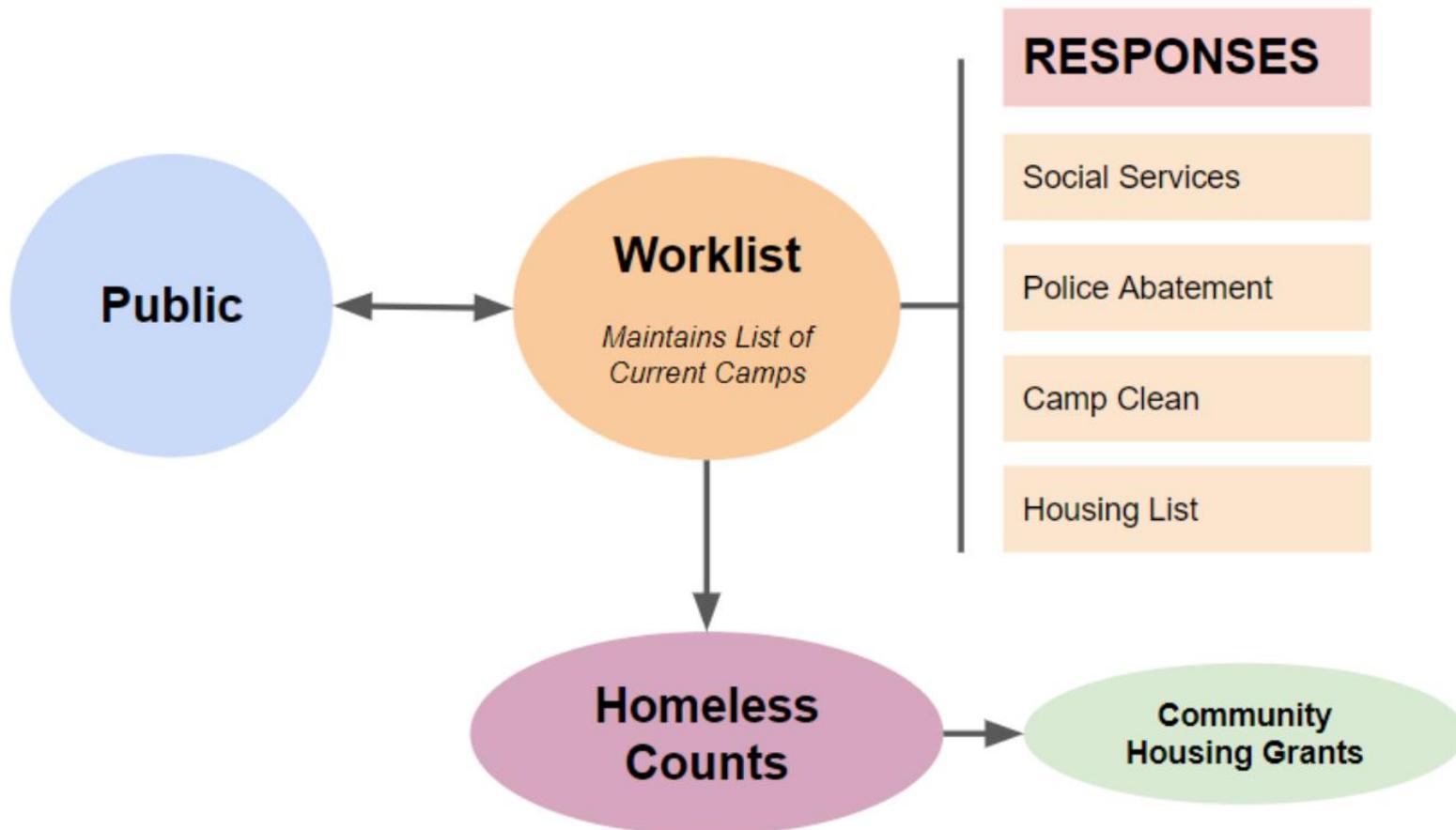


we posted several camps – mostly by the A St tunnel area.

Tyson Elem wooded area –theres an entrance down the hill before you get to the hill.  
Also several tents in the wooded area w of Richmon/Myer can be seen from Mt View Dr  
O'Malley/old Seward - just west of O'Malley  
Centennial Parks space 29  
Campbell creek – east of Tudor/Piper marked by flagger tape  
Old Seward and Sportsman's warehouse  
Davis Snow Dump – seen by glenn hwy  
Peggys Café  
24/miller down the embakment –cardboard box with trash and sleeping itmes  
MLK/Elmore – by beaver creek and past bridge then east of  
East of 88/Northwood expires 14 April - *posted*  
Boston Debarr east of locked gate expires 14 April - *posted*  
Totem theater – south of open field expires 14 April - *posted*

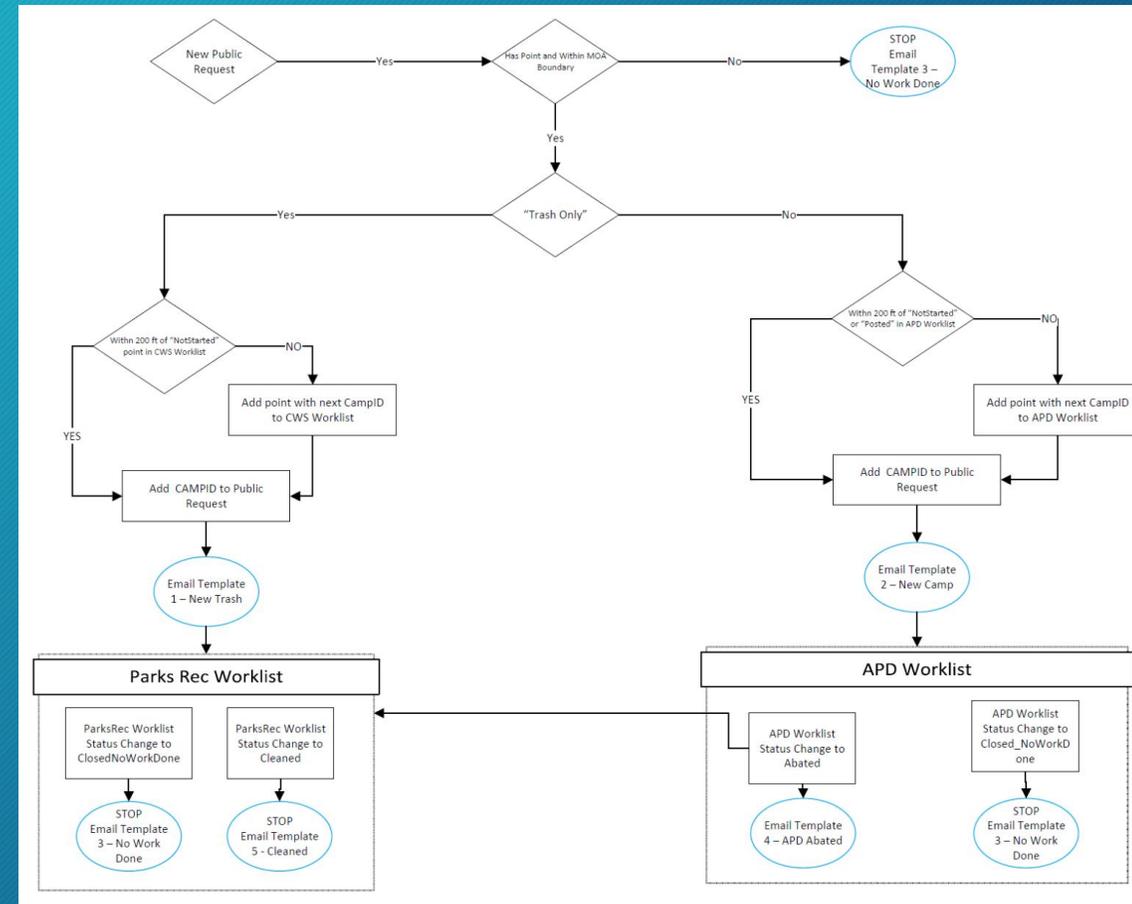


# Solution: Suite of Requirements



# Mapping Connections: Figured out the Logic

- Figured out the Logic
- Used the Right Tools & Automated
- Multiple Applications, Multiple Roll-outs
- Listened!



# Geoform: Crowdsourced Reporting



## AncWorks Camps

### 1. Enter Information

**Type of Problem**  
Select...  
Parks & Recreation camp cleanup efforts to resume spring of 2018

**Details**  
[Text input field]

**Name**  
[Text input field]

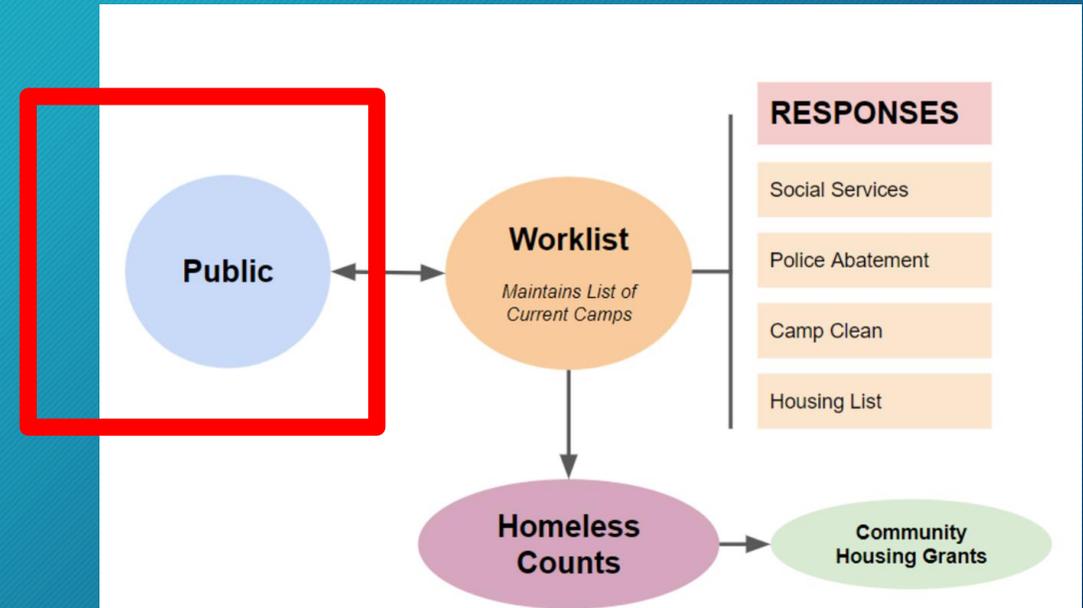
**Phone**  
[Text input field]

**Email**  
[Text input field]

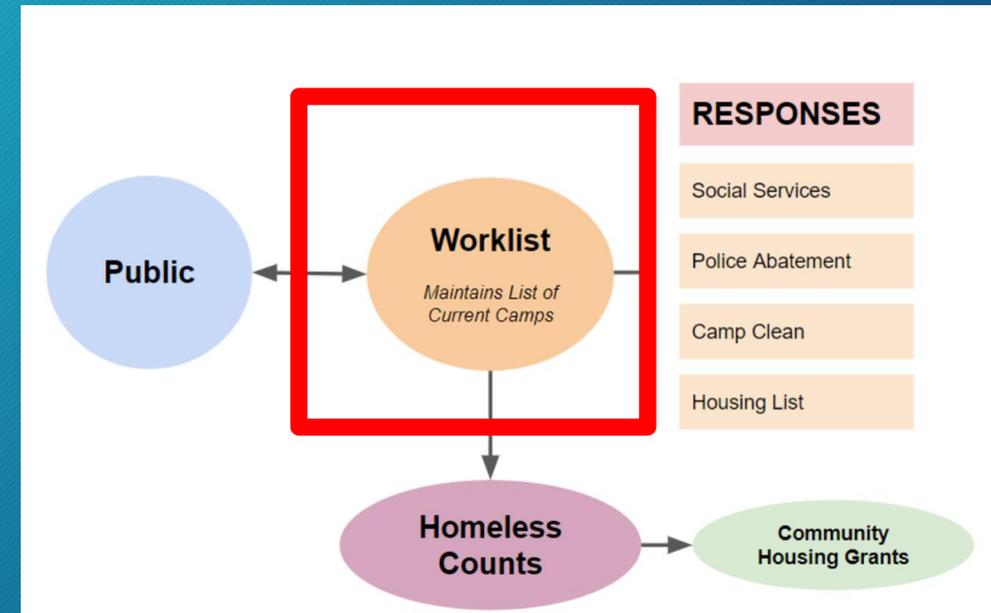
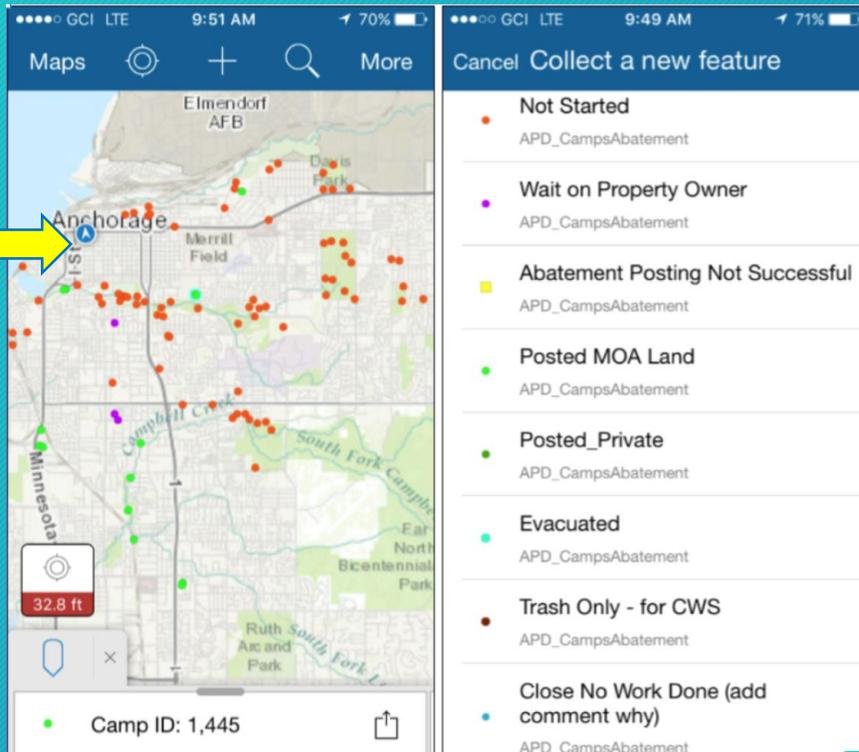
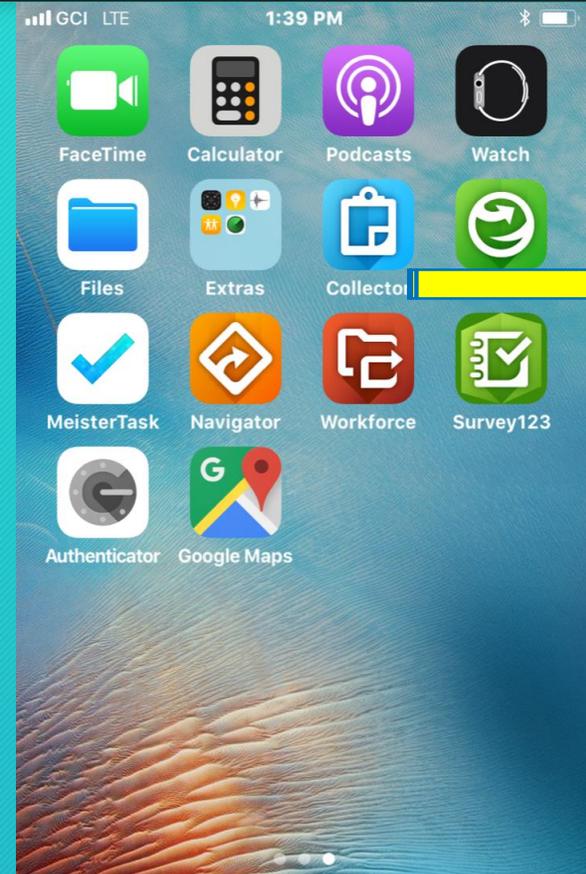
**Attachment**  
Select File

### 2. Select Location

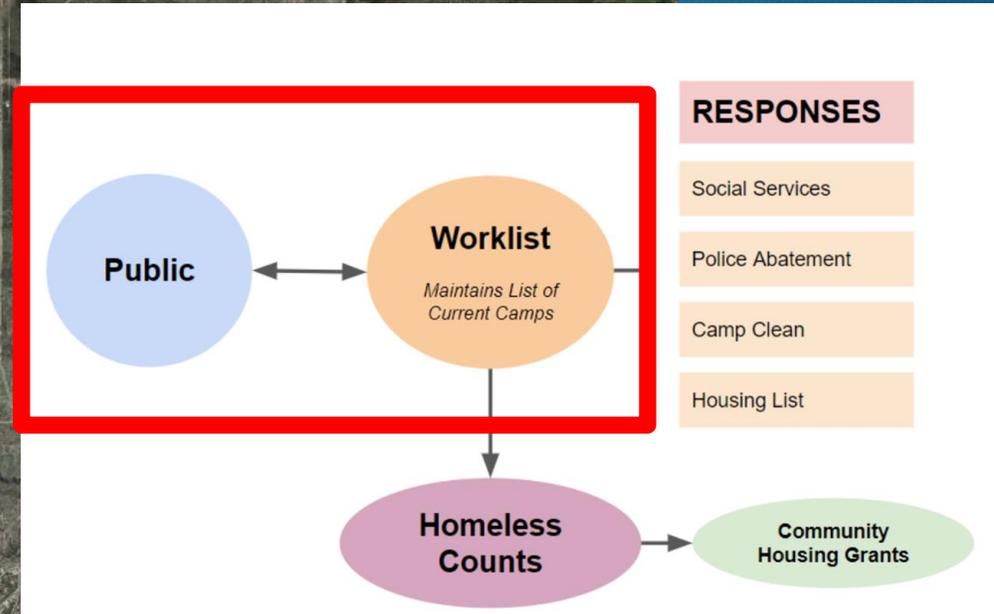
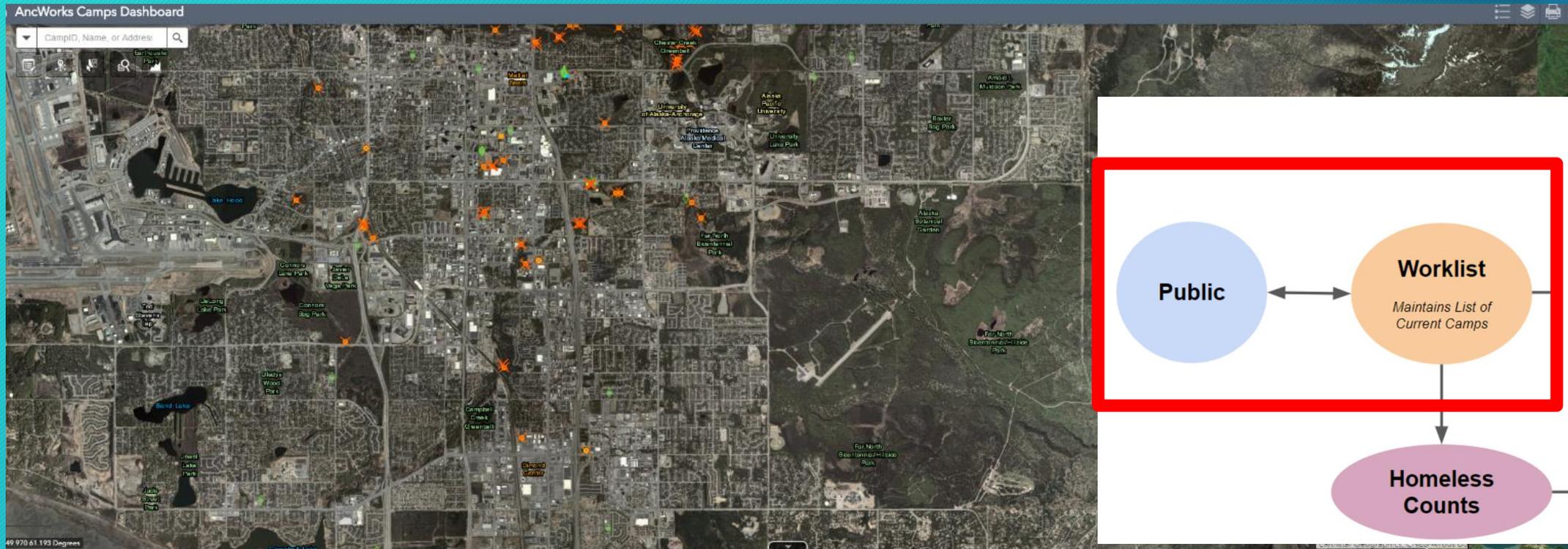
Specify the location for this entry by clicking/tapping the map or by using one of the following options.



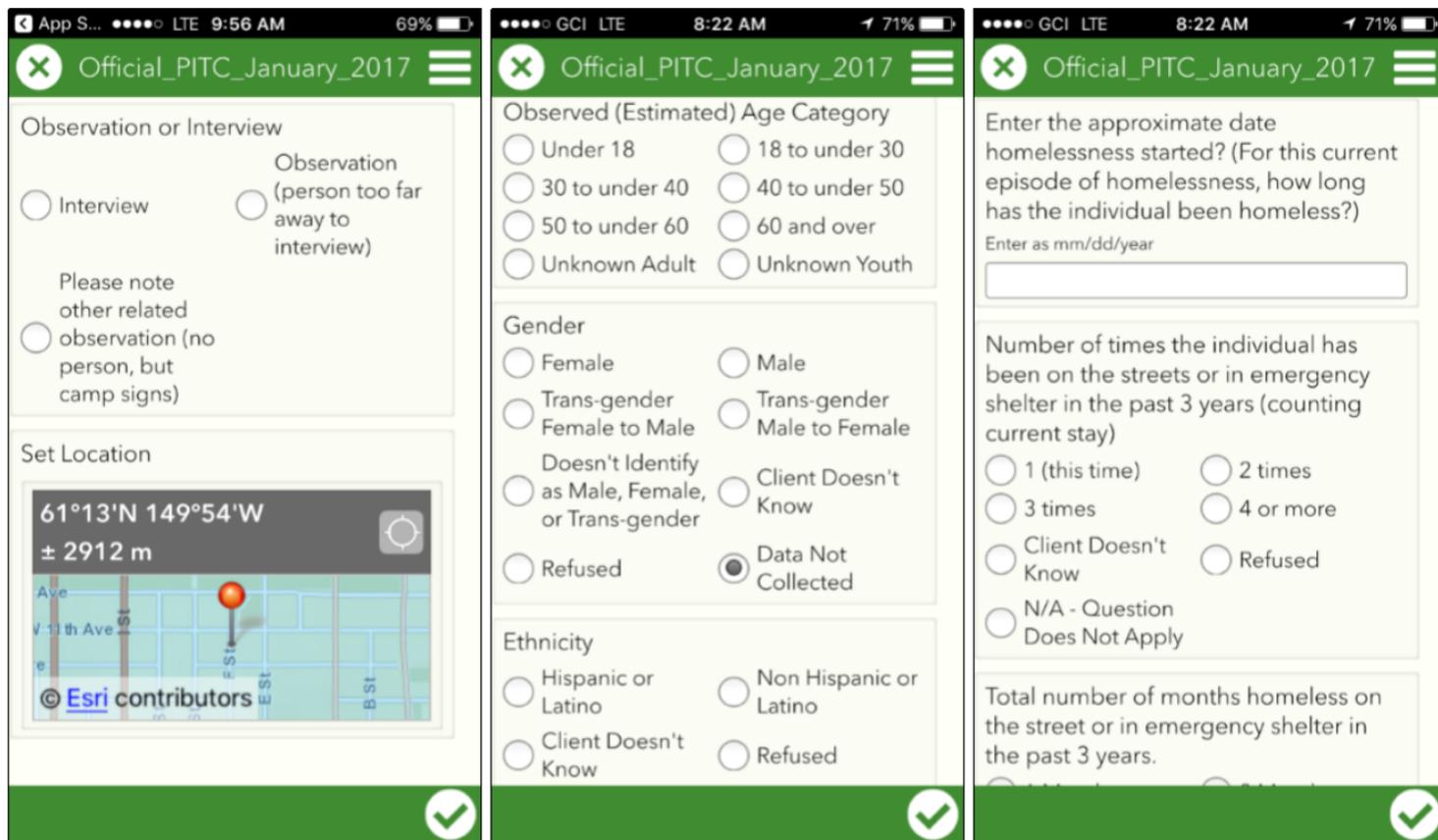
# Collector: Department Worklists



# Office Dashboard using WebApp Builder



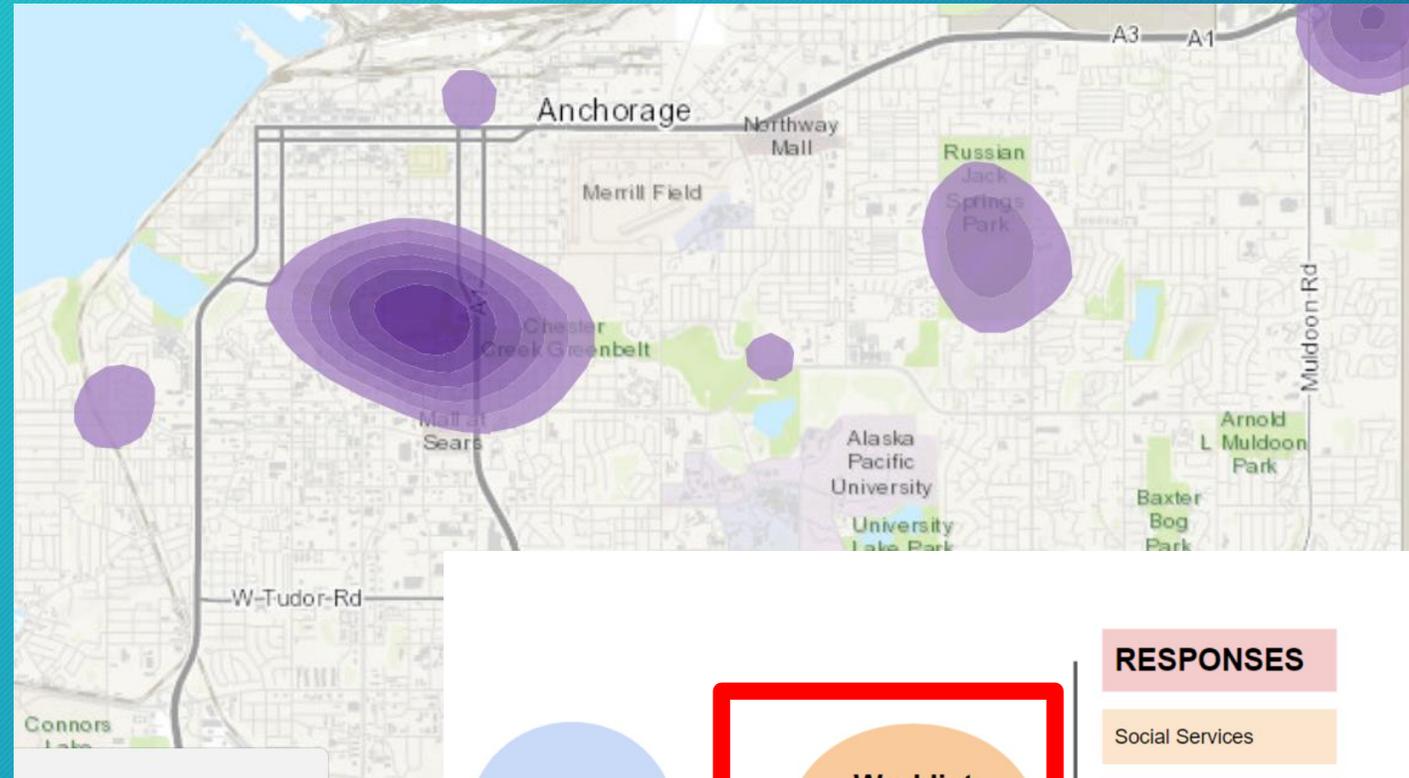
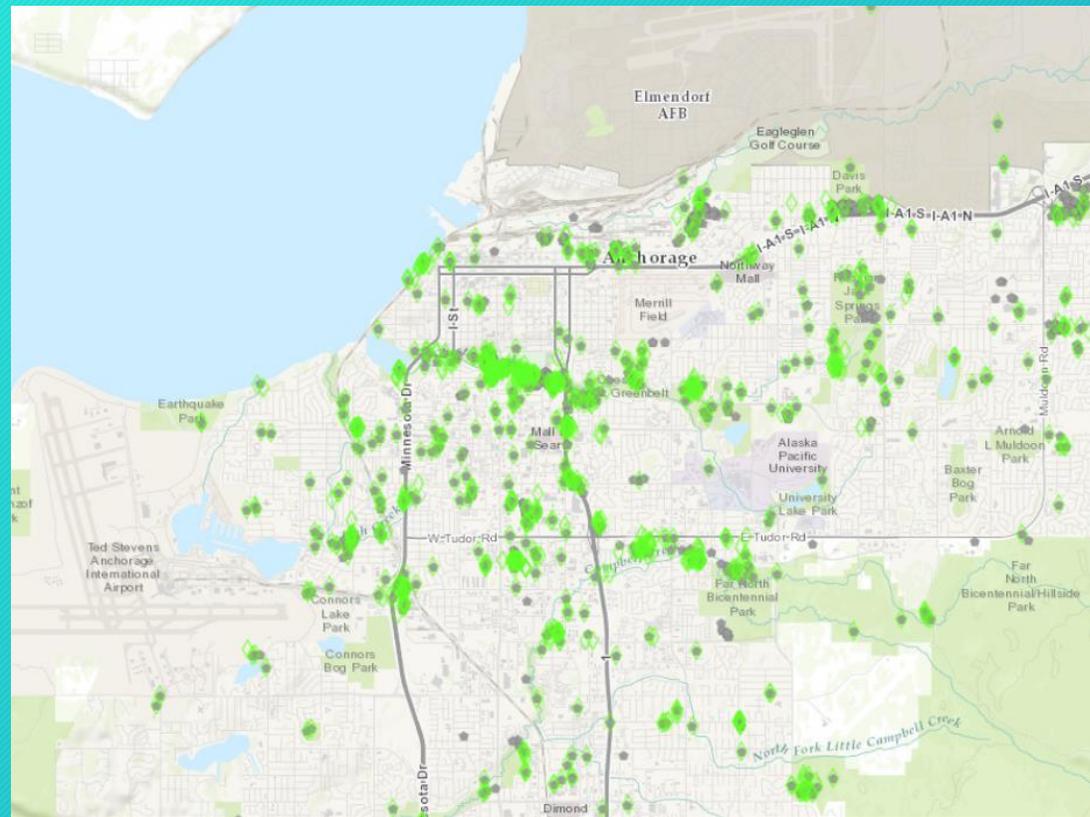
Details	Name	Phone	Email	Date Submitted	CAMPID	EMAIL1_Sent	EMAIL1_SentDate	EMAIL2_Sent	EMAIL2_SentDate	EMAIL3_Sent	EMAIL3_SentDate
Issue of Problem	Tent in the woods			January 1, 2018	2,099	Email2_NewCamp	January 1, 2018				
Issue of Problem	Camp was gone for 2 weeks, but have he set up with more items and people staying in the bushes.	Chloe	mcallen.chloe@gmail.com	January 2, 2018	2,100	Email2_NewCamp	January 2, 2018				
Issue of Problem	2 tents with lots of trash next to			January 5, 2018	2,099	Email2_NewCamp	January 5, 2018				



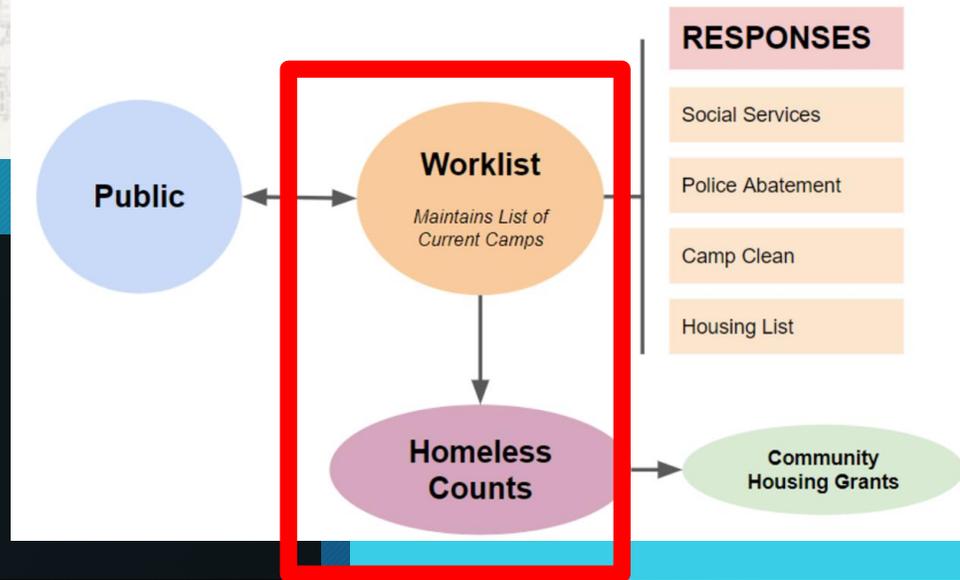
New Point-In-Time count using Esri's Survey123



# Survey123: Homeless Counts

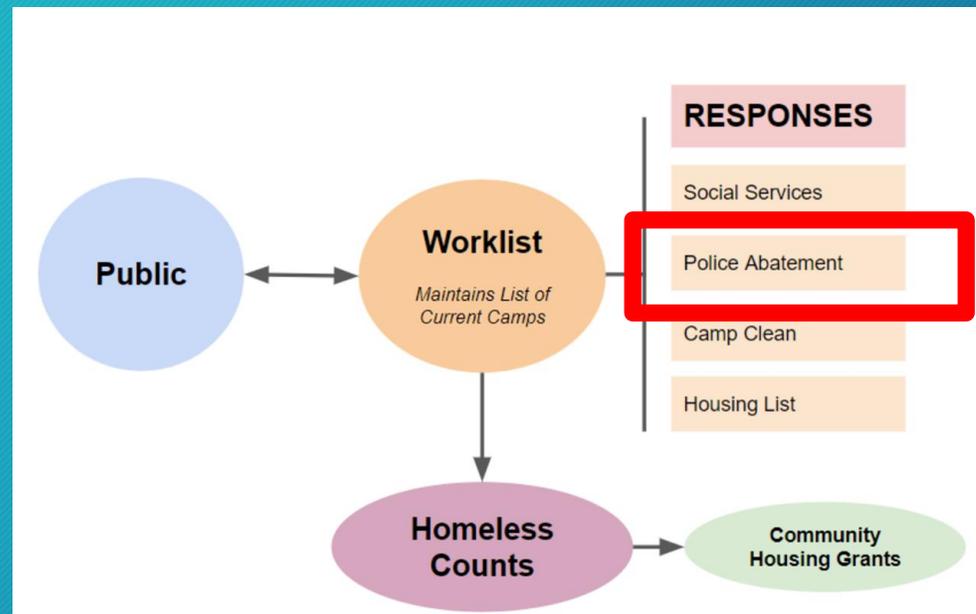


# Increased Information Improves Processes





Still Evolving...



# Responses

# Stories from the Front Lines



Report No	Disposition	Original Call	Call Type	Priority	Area	Beat	Rep Dist	Dispatch Area	Area
	C	CAMP	CAMP	6	N	13	05C1P	E	E
	Cross Street TIKISHLA PARK 20		Apartment	City ANC	Map Coordinates 01671119 02631472				Geo Flag? ?
	Received Time 15:35:27	Entry Time 01/01/2016 15:40:36			Entry DSN 1367			Dispatch DSN 26286	
	Dispatch Time 15:43:52	Enroute Time 01/01/2016 15:43:52	On Scene OK Time	Arrival Date 01/01/2016	Arrival Time 15:43:52		Cleared Date 01/01/2016	Cleared Time 15:44:01	
	Assignment 1	DSN 2	Assignment 2	DSN 3	Assignment 3		DSN 4	Assignment 4	
	In Progress?	Origin	# Prior Calls 1	Act Catch Up?	Premise Hazard?		Os Flag 0	Ov Flag	
Name	Address				Phone No				
<b>Status Service Record</b>									
Status Date/Time		Operator DSN		Terminal ID	Status Segment			Report No	
01/01/2016 15:40:36		1367		CT02	ENTRY				
TEXT:TENT BTWN ALDER DR & DAVENPORT BALL FIELDS, S OF 20TH, N OF PAVED TRAIL. FROM ALDER DR/ASPEN GROVE CT TRAILHEAD GO WEST TO THE "Y" AND BEAR RIGHT (WHICH IS REALLY STRAIGHT AHEAD), THEN TO THE FIRST SINGLE TRACK TRAIL TO THE LEFT									
Status Date/Time		Operator DSN		Terminal ID	Status Segment			Report No	
01/01/2016 15:40:36		1367		CT02	PRIOR				
AP SECURE YESTERDAY @ 09:49:35 (28 MORE)									
Status Date/Time		Operator DSN		Terminal ID	Status Segment			Report No	
01/01/2016 15:41:26		1367		CT02	SUPP				
TEXT:(SOUTH), ACROSS A GRASSY AREA TO THE TREES, AND IN ABOUT 50 FT, TENT IS ON THE WEST (RIGHT) SIDE.									
Status Date/Time		Operator DSN		Terminal ID	Status Segment			Report No	
01/01/2016 15:42:54		26286		DIS1	HOLD				
Status Date/Time		Operator DSN		Terminal ID	Status Segment			Report No	
01/01/2016 15:43:52		26286		DIS1	DISP-ONS				
REOPEN									
Status Date/Time		Operator DSN		Terminal ID	Status Segment			Report No	
01/01/2016 15:44:01		26286		DIS1	CLEAR				
REOPEN C									
Status Date/Time		Operator DSN		Terminal ID	Status Segment			Report No	
01/01/2016 15:44:01		26286		DIS1	CLOSE				
REOPEN C									
Status Date/Time		Operator DSN		Terminal ID	Status Segment			Report No	
01/01/2016 15:49:16		1367		CT02	MISC				



# Collector App: Camps at a Glance

Details Add Edit Basemap

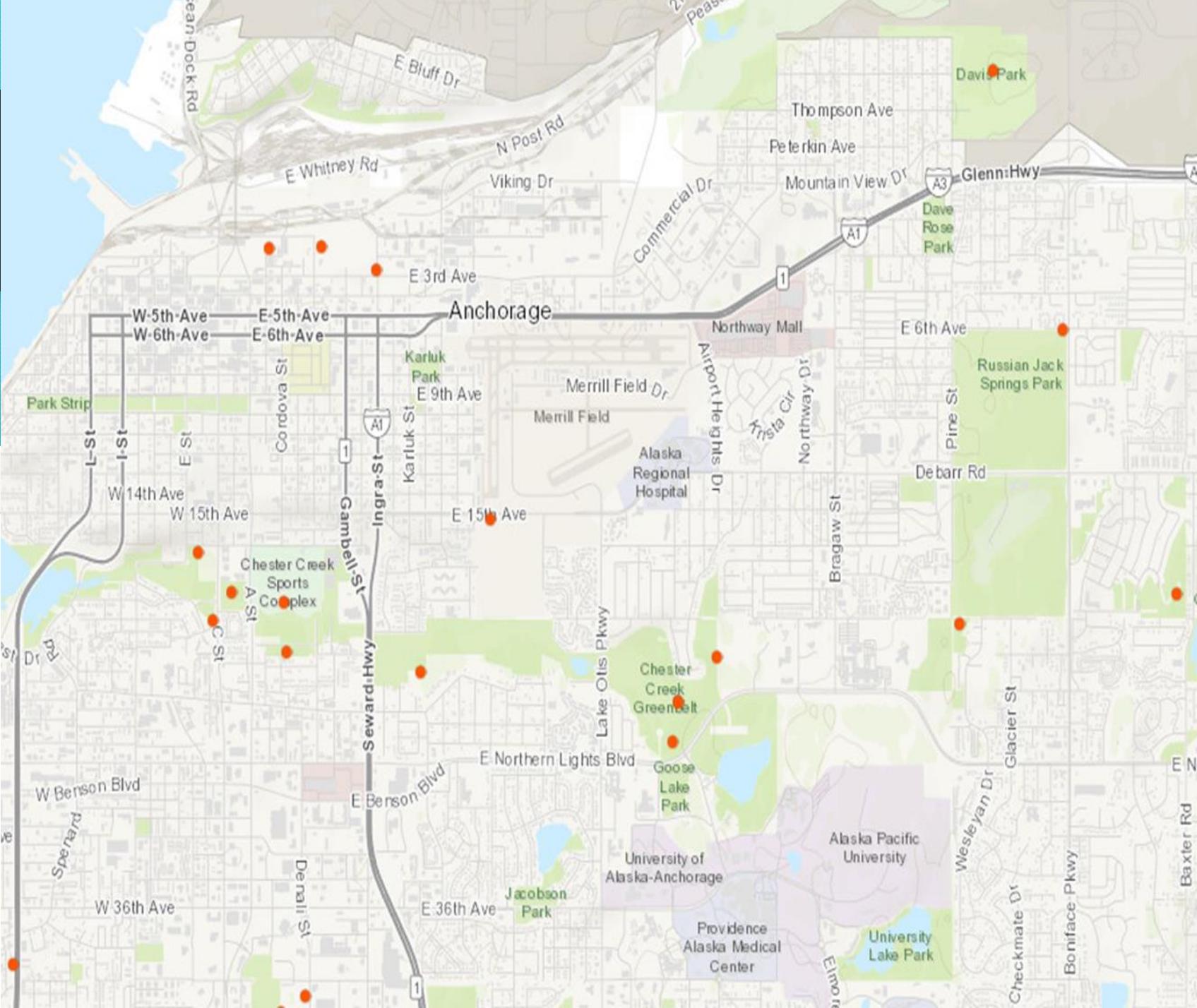
About Content Legend

## Legend

### APD\_CampsAbatement



- Not Started
- Wait on Property Owner
- Abatement Posting Not Successful
- Posted MOA Land
- Posted\_Private
- Evacuated
- Trash Only - for CWS
- Close No Work Done (add comment why)
- Other



# Stories from the Front Lines

## Active Camp



## Outreach



Photo: *Bob Hallinen ADN 2017*

# Conclusion

- Policy: Housing First to Scale
- Technical Solution: Suite of ESRI applications
- Successes from the Front Lines



Mayor Berkowitz during homeless outreach

Questions?

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