

# South Central Arc User Group

18th Annual OKSCAUG Conference



Extending GIS to the Public  
with the My Government Services Application



# Welcome to My Government Services

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The **Local Government Model Solution** by ESRI that empowers citizens with relevant information about services provided by their local government.

**OK SCAUG 2015**



# Tulsa Community Services

A.K.A.

The **Local Government Model Solution** by ESRI modified by the City of Tulsa to provide users with relevant information about both their community and select government services.

ArcGIS / ESRI

A background map of Tulsa, Oklahoma, showing streets, parks, and the Tulsa River. The map is dark and serves as a backdrop for the text.

Brian Scott O'keefe

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**City of Tulsa, Oklahoma**

GIS Analyst, Information Technology Department

Web-map builder and LGM Evangelist

[bokeefe@cityoftulsa.org](mailto:bokeefe@cityoftulsa.org)

[cityoftulsa.org](http://cityoftulsa.org)

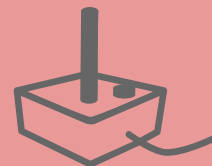




# ESRI provided LGM Solutions “Mapplication”

1 → 2 → 3

SIMPLISTIC



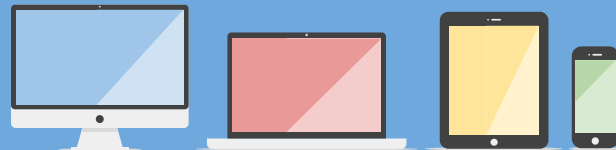
INTUITIVE



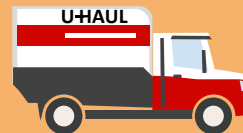
COMMUNITY INFORMATION



# User Base ( target audience )



GENERAL PUBLIC



CITIZENS, PROSPECTIVE CITIZENS, TOURISTS

## COMMUNICATIONS

CITY OF TULSA DEPARTMENTS



## Current Workflow

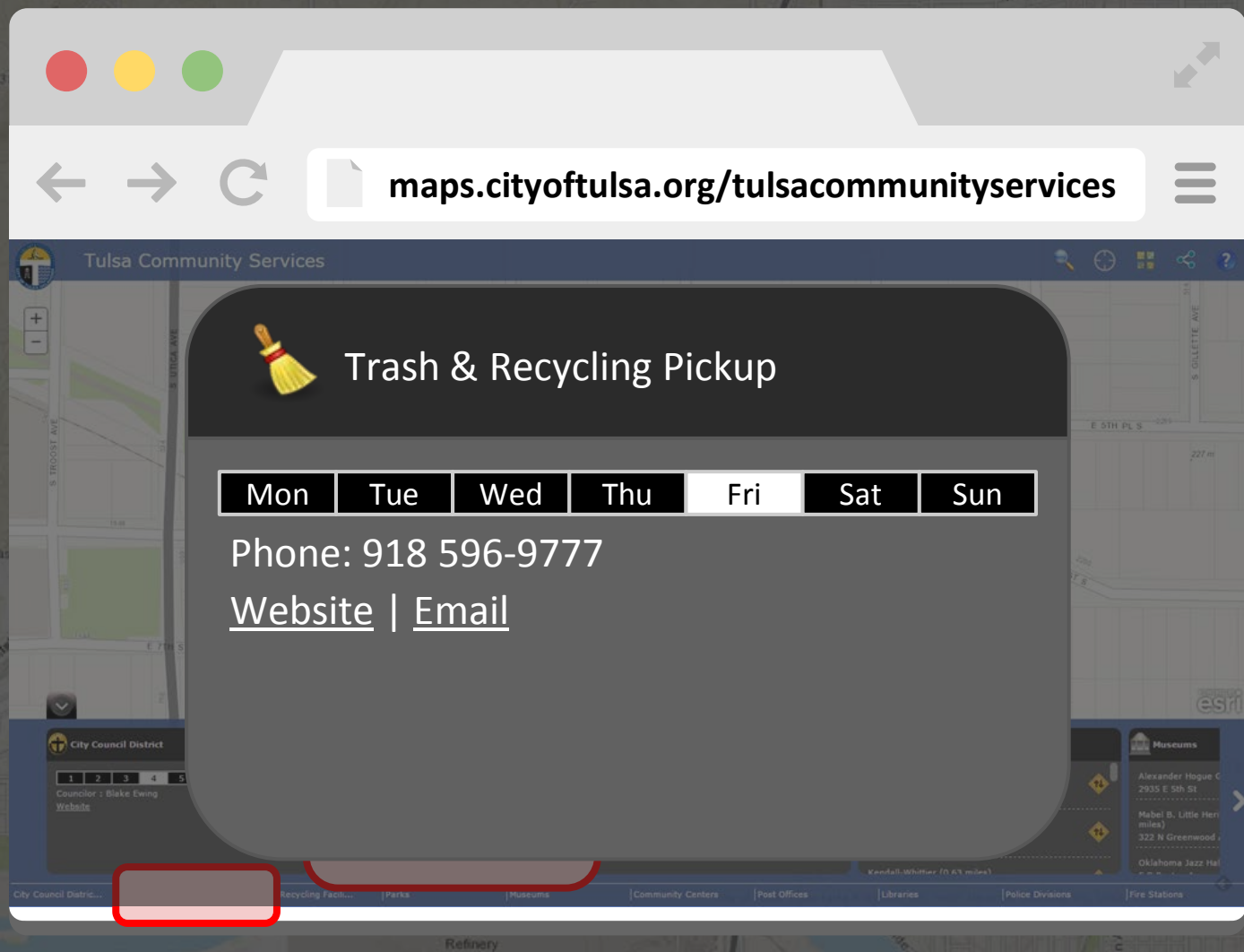
1. Google for some items
2. Check organizations sites
3. Bills, Mailouts, Brochures
4. Phone calls
  - a. Re-routed calls
  - b. Incorrect number given

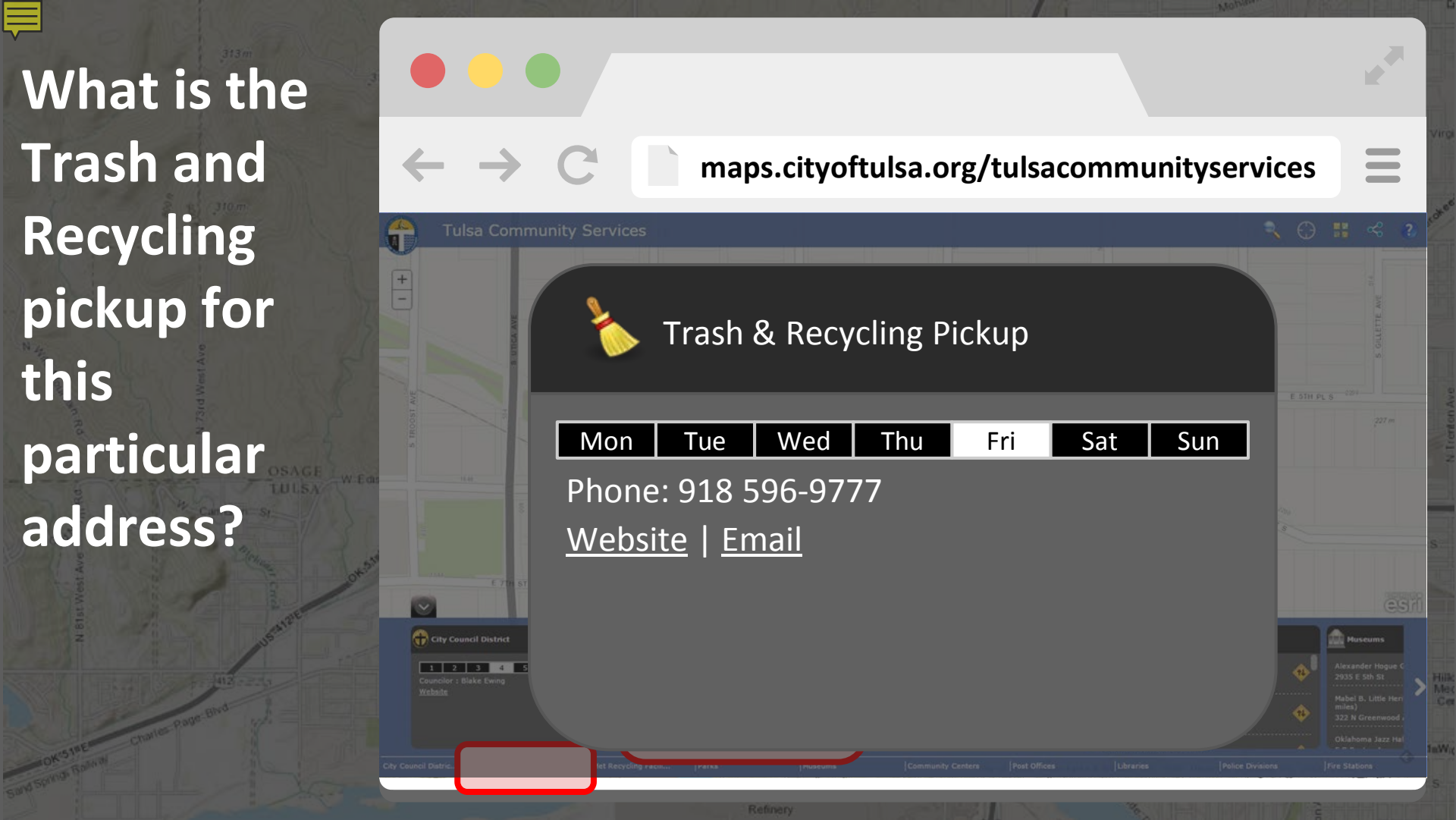






What is the  
Trash and  
Recycling  
pickup for  
this location  
on the map  
that I'm  
going to click  
on?







# Problems Solved

## Benefits

### 1. Multiple Data Sources

#### a. Queryable

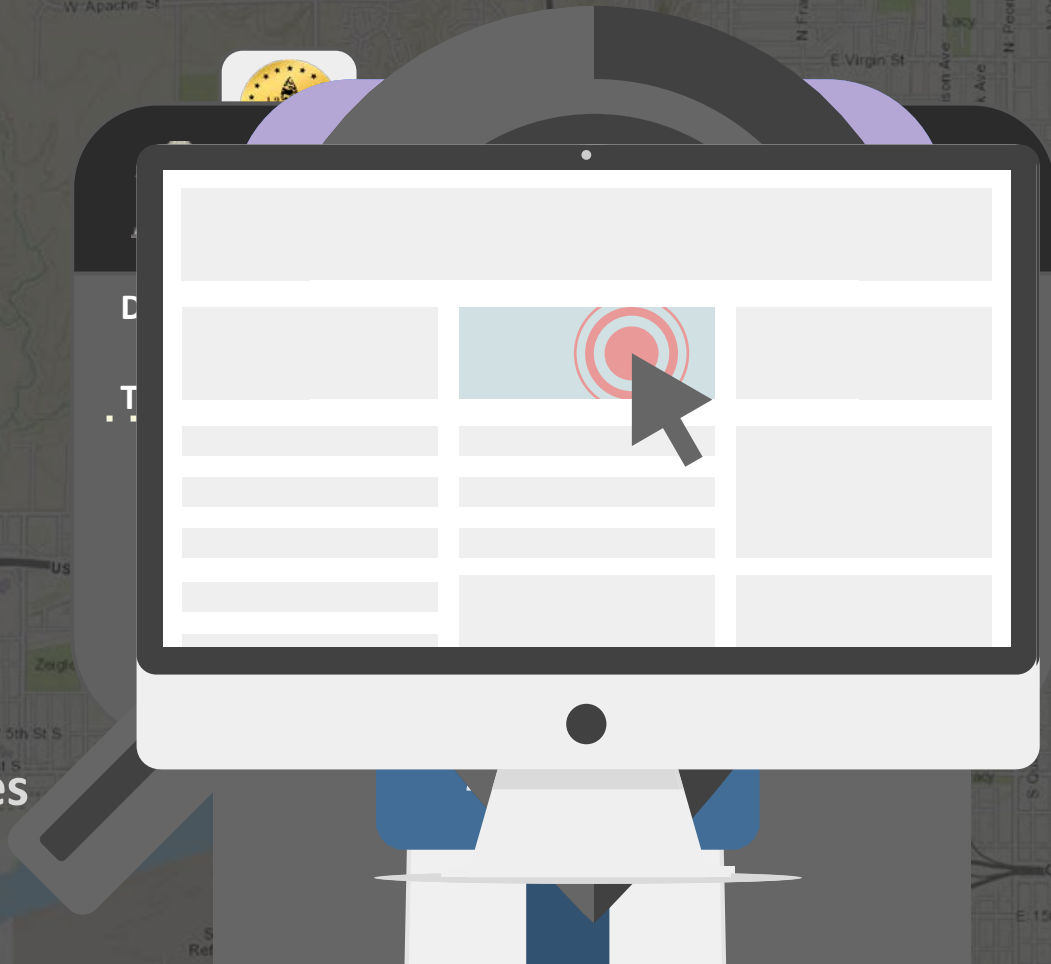
### 2. Routable

### 3. Single Click Activation

### 4. Any Device

### 5. Simple to add new Features

### 6. Multiple Workflows





# My Government Services



Trash Pickup



Recycling Pickup



Yard Waste Pickup



Street Cleaning



Railroad Stations



Recycling Facilities



Department  
of Public Works



Museum



Community Centers



Post Offices



Libraries



Police Stations



Fire Stations





# Tulsa Community Services



**City Council District**



**Trash & Recycling  
Pickup**



**Recycling Facilities**



**Parks**



**Museum**



**Community Center**



**Post Office**



**Libraries**



**Police Divisions**



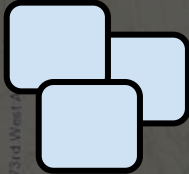
**Fire Stations**



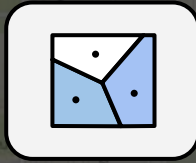
# Tulsa Community Services



City Council District



ElectionAdministration



LocalDistrict

Standard Local Government Model

OBJECTID	DISTRICTID	NAME	REPNAME	DISTRICTURL	LASTUPDATE	LASTEDITOR
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Customized Local Government Model



CD1	CD2	CD3	CD4	CD5	CD6	CD7	CD8	CD9
-----	-----	-----	-----	-----	-----	-----	-----	-----

TrashPickup: {  
 Name: "Trash Pickup", Image: "images/trash.png",  
 HasRendererImage: false,  
 ServiceUrl: "http://yourserver/arcgis/rest/services/GovernmentServices/MapServer/9",  
 FieldNames: [{  
 ServiceAvailability: [  
 { FieldName: "MONDAY", DisplayText: "Mon" },  
 { FieldName: "TUESDAY", DisplayText: "Tue" },  
 { FieldName: "WEDNESDAY", DisplayText: "Wed" },  
 { FieldName: "THURSDAY", DisplayText: "Thu" },  
 { FieldName: "FRIDAY", DisplayText: "Fri" },  
 { FieldName: "SATURDAY", DisplayText: "Sat" },  
 { FieldName: "SUNDAY", DisplayText: "Sun" }]  
 },  
 { Field: "Agency : \${AGENCY}" },  
 { Field: "Contact : \${CONTACT}" },  
 { Field: "Phone: \${PHONE}" },  
 { Links: [{ DisplayText: "Website", FieldName: "AGENCYURL", type: "web" },  
 { DisplayText: "Email", FieldName: "EMAIL", type: "mail" }]  
 }  
 ]  
}



CityCouncilDistrict: {  
 Name: "City Council District", Image: "images/Tulsa City Council.png",  
 HasRendererImage: false,  
 ServiceUrl: "http://maps.cityoftulsa.org/gis/rest/services/LGDM/LGM\_CouncilDistricts/MapServer/0",  
 FieldNames: [{  
 ServiceAvailability: [  
 { FieldName: "CD1", DisplayText: "1" },  
 { FieldName: "CD2", DisplayText: "2" },  
 { FieldName: "CD3", DisplayText: "3" },  
 { FieldName: "CD4", DisplayText: "4" },  
 { FieldName: "CD5", DisplayText: "5" },  
 { FieldName: "CD6", DisplayText: "6" },  
 { FieldName: "CD7", DisplayText: "7" },  
 { FieldName: "CD8", DisplayText: "8" },  
 { FieldName: "CD9", DisplayText: "9" }]  
 }, { Field: "Councilor : \${REPNAME}" },  
 { Links: [{ DisplayText: "Website", FieldName: "DISTRICTURL", type: "web" } ]  
 }],  
 Color: "#250517", isRendererColor: true, LayerVisibility: true  
},







# Tulsa Community Services



## City Council District



## City Council District

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

Councilor: Blake Ewing

[Website](#)



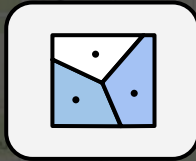
# Tulsa Community Services



Trash & Recycling Pickup



InfrastructureOperations



piBoundary

## Standard Local Government Model

OBJECTID	DISTRICTID	NAME	AGENCY	AGENCYURL	CONTACT	PHONE	EMAIL
SUBTYPEFIELD	SCHEDULE	DESCRIPT	LASTUPDATE	LASTEDITOR			
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	
WEEKONE	WEEKTWO	WEEKTHREE	WEEKFOUR				



# Tulsa Community Services



## Trash & Recycling Pickup



## Trash & Recycling Pickup

Mon	Tue	Wed	Thu	Fri	Sat	Sun
-----	-----	-----	-----	-----	-----	-----

Phone { 918 596-9777 }

[Website](#) | [Email](#)



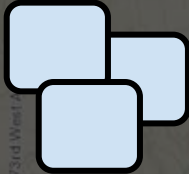




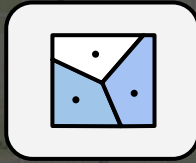
# Tulsa Community Services



Police Stations



Law Enforcement Operations



Law Boundary

## Standard Local Government Model

OBJECTID	DISTRICTID	NAME	AGENCY	AGENCYURL	CONTACT	PHONE	EMAIL
LASTUPDATE			LASTEDITOR	SHAPE			

## Customized Local Government Model



MVD	RID	GID
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# Tulsa Community Services



## Police Stations



## Police Divisions

Riversid  
e

Mingo  
Valley

Gilcreas  
e

Agency : Tulsa Police Department

Phone: 918 596-1100

[Website](#) | [Email](#)



# Tulsa Community Services



**Recycling Facilities**



**Parks**



**Museum**



**Community Center**



**Post Office**



**Libraries**



# Tulsa Community Services



## Museum



## Museums

Alexander Hogue Gallery of Art (1.54 miles)  
2935 E 5th St



Philbrook Art Museum (2.09 miles)  
2727 S Rockford Rd



Tulsa Historical Society (2.18 miles)  
2445 S Peoria Ave







# Tulsa Community Services



## Parks



### Parks

Florence (0.43 miles)  
Sun-Sat  
1936 S GARY AVE



Pratt (0.58 miles)  
Sun-Sat  
1621 S FLORENCE AVE







```
Parks: {  
  Name: "Parks",  
  Image: "images/ParksIcon.png",  
  HasRendererImage: false,  
  ServiceUrl: "http://maps.cityoftulsa.org/gis/rest/services/LGDM/Parks/MapServer/0",  
  distance: 4,  
  FieldNames: [ { FieldName: "NAME" }, { FieldName: "OPERDAYS" }, { FieldName: "FULLADDR" } ],  
  LayerVisibility: true,  
  ShowBeyondBuffer: true  
},
```



# Tulsa Community Services



## Libraries



### Libraries

Schusterman-Benson Library (1.28 miles)  
3333 E 32nd Pl  
918 549-7670



Nathan Hale Library (1.69 miles)  
6038 E 23rd St  
918 549-7617





# Tulsa Community Services



## Fire Stations



### Fire Stations

Station 7 (0.73 miles)  
3001 E 15th St



Station 21 (1.24 miles)  
4606 E 31st St

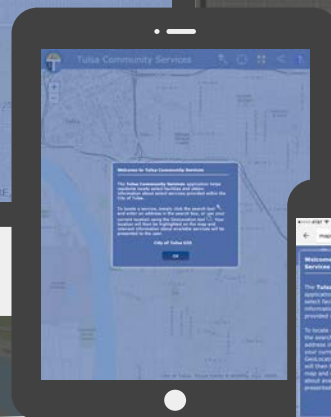
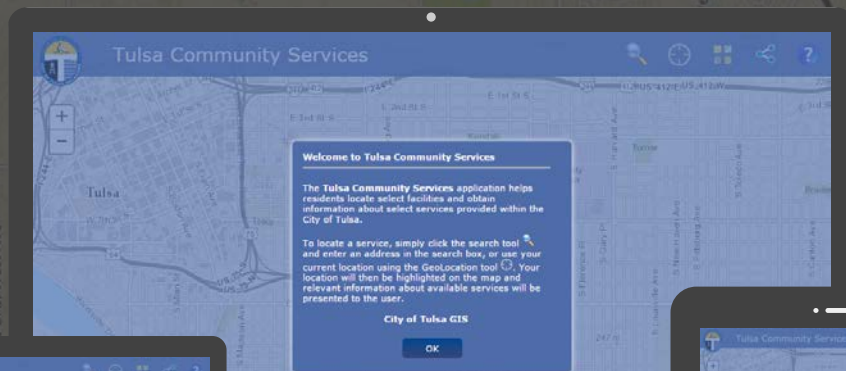
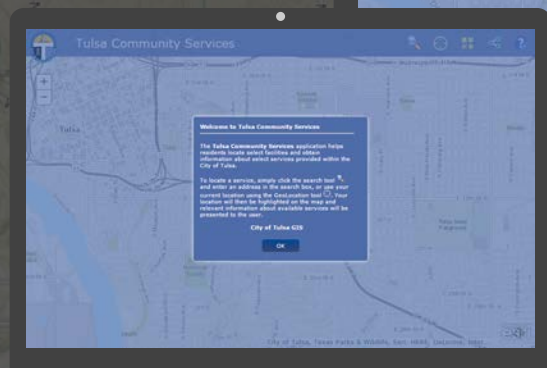


Station 15 (1.82 miles)  
4168 E Admiral Pl





# Tulsa Community Services







[maps.cityoftulsa.org/tulsacommunityservices](https://maps.cityoftulsa.org/tulsacommunityservices)



[bokeefe@cityoftulsa.org](mailto:bokeefe@cityoftulsa.org)