



# SUSTAINABILITY & TRANSPORTATION COMMITTEE

November 7, 2016

The Sustainability & Transportation Committee of the City of Mesa met in the lower level meeting room of the Council Chambers, 57 East 1st Street, on November 7, 2016 at 3:41 p.m.

## COMMITTEE PRESENT

Kevin Thompson, Chairman  
Dave Richins  
Alex Finter

## COMMITTEE ABSENT

None

## STAFF PRESENT

Kari Kent  
Dee Ann Mickelsen  
MaryGrace McNear

Chairman Thompson excused Committeemember Richins from the beginning of the meeting; he arrived at 3:49 p.m.

Items on the agenda were discussed out of order, but for the purposes of clarity will remain as listed on the agenda.

### 1. Items from citizens present.

There were no items from citizens present.

### 2-a. Hear a presentation, discuss, and provide a recommendation on the Desert Uplands lighting standards.

Deputy Transportation Director Gordon Haws introduced Street Light Supervisor Richard Woodward and Transportation Director Lenny Hulme. He displayed a PowerPoint presentation related to the Desert Uplands Area Lighting Standards. **(See Attachment 1)**

Mr. Haws confirmed the boundaries and purpose of the Desert Uplands Area and Standards. He explained that modified requirements created Exception Area 1 in 2006 and Exception Area 2 in 2007. (See Pages 3 and 4 of Attachment 1)

Mr. Haws reviewed the general requirements and indicated that all streetlights must be fully shielded, which means no light is emitted above the horizontal plane. He described the detailed standards for street lighting on local streets, collector streets and major/arterial streets. He stated that streetlights on major streets must comply with City standard illumination and spacing

requirements, which is defined as an average illumination on the ground of 0.90 foot-candles with a 4:1 average to the minimum lighting ratio. (See Pages 5 through 8 of Attachment 1)

Mr. Haws displayed the boundaries of Exception Areas 1 and 2 and listed the requirements of each. He explained that Exception Area 2 only applies to local streets and outlined the lighting requirements. (See Pages 9 and 10 of Attachment 1)

Mr. Haws highlighted a trend in the industry that is shifting from High Pressure Sodium (HPS) lighting to the Light Emitting Diode (LED) lighting, which has a white color. He noted that fewer manufacturers are producing HPS lighting.

Mr. Haws reported that the area of McKellips and Ellsworth did not originally have lighting, due to the fact that the area was not fully developed. He explained that as development occurred, builders were required to install streetlighting per City Code and indicated that most residents' concerns are related to the streetlighting along arterial streets.

Mr. Haws advised that the relationship between lighting and safety on major roadways must be considered. He reported that the Federal Highway Administration Lighting Handbook cites data that streetlighting reduces nighttime crashes by 28% overall and by 60% for fatality crashes.

Mr. Haws announced that staff recommends the required lighting requirements remain as currently set forth in the City Code. He provided possible options for lowering lighting levels on major/arterial streets as follows:

- Modify City Code to allow lower lighting levels on arterial streets in the Desert Uplands Area than are currently required (Council action required)
- Modify City Code to allow future installation of streetlights that provide current lighting levels, but can be dimmed during times of low traffic volume (e.g., 50% dimming between 10 pm and 4 am) (Council action required, plus capital outlay for lighting monitor and control system)

Mr. Hulme pointed out that many studies have been done, however, there has not yet been enough experience to perform a risk analysis. He added that during his career, he has never been asked to remove a light but is often asked to install new lights.

Chairman Thompson suggested that different kinds of lighting reflects differently on certain pavement types and recommended that staff look at the area in question to avoid liability issues.

Mr. Hulme assured the Council that staff continues to test the lights to determine the best solution.

Mr. Haws explained that Mesa follows the Illuminating Engineering Society (IES) Standards which does not allow for lighting level reduction, regardless of light color on arterial streets. He stated that many locations throughout the City have LED lights, especially in the newer developments. He added that LED fixtures are replacing HPS fixtures that go out.

Committeemember Richins suggested that the City hire an expert to research the various types of lighting used throughout the City and determine lighting that is appropriate for each area, and then update the Citywide lighting policy accordingly.

Committeemember Finter stated that the dark sky and pristine area is what makes the Desert Uplands Area unique, and hoped that the City and residents could find the right compromise.

Chairman Thompson advised that Mesa needs a master plan for streetlighting in order to determine the best course of action.

Mr. Hulme indicated that the Desert Uplands Area took a holistic approach in the 1990's and he commended the residents who were involved in those decisions.

The following Mesa residents spoke in opposition of the LED lighting activated on McKellips and Ellsworth (Desert Uplands Area) due to the extreme brightness:

- Carolyn Robertson
- Christopher Roche
- Pam Klein
- Greg Wingert

It was moved by Committeemember Richins, seconded by Committeemember Finter, that an expert be hired to establish a lighting master plan for the City as a whole, to include financing packages, lighting temperatures and appropriate locations for the various lighting types.

Carried unanimously.

Mr. Hulme reported that a contractor is working on a shield to redirect the LED lighting in the area and has already accomplished a 12 percent lighting reduction.

In response to a question from Committeemember Finter, Mr. Hulme indicated that the lights in the Desert Upland Area have been reduced to 3000 degrees' kelvin, which is very close to the resident request of 2700 degrees' kelvin.

2-b. Hear a presentation, discuss, and provide a recommendation on Right-of-Way City Code modifications.

City Engineer Beth Huning displayed a PowerPoint Presentation related to the Pavement Preservation Program and the modifications to Title 9. **(See Attachment 2)**

Ms. Huning explained that after comparing the codes and requirements with the Pavement Restoration Code of 13 other Valley cities, staff proposes the following Title 9 amendments (See Page 4 of Attachment 2):

- Pavement preservation restrictions and fees
- Provides for an expedited appeals process
- Requires construction work in City right-of-way shall conform to City standards
- Requires that right-of-way users shall maintain accurate record drawings

- Requires right-of-way users to reimburse the City for actual costs associated with locating facilities

Ms. Huning reported that staff is introducing a Pavement Restoration Program and listed the inclusions of the program, as well as a proposed rate structure based on the different size cuts. (See Pages 5 and 6 of Attachment 2)

Committeemember Finter thanked staff for working with the utilities companies to compromise on the project.

Chairman Thompson concurred with Councilmember Finter.

City Attorney MaryGrace McNear explained that Section 9.16 of the City ordinance discusses pavement restoration, preservation and cut restrictions and after speaking with Century Link, staff would like to make a revision to the wording. She stated that instead of "permittee shall pay for the restoration fee in connection with any pavement cut for a period of five years," she has revised it to "...within five years after the City's acceptance of street construction." She said that the revision does not change the meaning of the ordinance.

It was moved by Committeemember Finter, seconded by Chairman Thompson, that staff's recommendations be approved.

Chairman Thompson declared the motion carried unanimously by those present.

2-c. Hear a presentation, discuss and make a recommendation on the proposed street name change of East Medina Avenue to East Steven Pollard Avenue from South Ellsworth Road to a point 890 feet west of South Ellsworth Road.

City Traffic Engineer Sabina Ellis displayed a PowerPoint presentation related to the proposed street name change of East Medina Avenue to East Steven Pollard Avenue. **(See Attachment 3)** She explained that the requested name change is in recognition of a Mesa police officer who was killed in the line of duty on November 27, 1994. She indicated that this change includes a recommendation from the Fraternal Order of Police (FOP) and Councilmember Thompson.

Ms. Ellis provided a list of events that take place each year to honor Officer Pollard, such as the following:

- A Memorial Run is held each November, which starts at the Superstition Police Substation and ends with a pancake breakfast.
- A small memorial service is held each year on November 27<sup>th</sup> at the Mesa Police Headquarters.
- Mesa FOP gives out a Steven Pollard Memorial Scholarship each year in March to three children of FOP members in honor of Officer Pollard.

Ms. Ellis illustrated that no homes would be affected by the street name change and the street ends west at a cul-de-sac. She indicated that dual street sign names would be installed for 12 months. (See Page 3 of Attachment 3)

Ms. Ellis reported that the fiscal impact of the name change would be approximately \$1,100, due to the size of the street name sign, and would be covered by the Mesa FOP and installed by the Transportation Department. She added that, if approved, a resolution would be presented to the City Council on November 21<sup>st</sup>, followed by a sign unveiling ceremony on November 23<sup>rd</sup> as part of the Memorial Run. (See Page 4 of Attachment 3)

Chairman Thompson commented that he met Officer Pollard's family after the last Memorial Run and appreciates their support. He thanked staff for bringing this to the Committee.

It was moved by Committeemember Richins, seconded by Committeemember Finter, that staff's recommendations be approved.

Carried unanimously.

2-d. Hear a presentation, discuss, and provide a recommendation on proposed fiscal transparency software tools.

Office of Management and Budget Director Candace Cannistraro displayed a PowerPoint presentation related to fiscal transparency. **(See Attachment 4)** She described the goals of financial transparency as building public trust and encouraging citizens to engage in the process by allowing them access to financial information. (See Pages 2 and 3 of Attachment 4)

Ms. Cannistraro highlighted the many ways that Mesa is meeting the goals of financial transparency and provided examples of each (See Pages 4 through 9 of Attachment 4):

- Annual financial forecast presented to the City Council which is also televised.
- The Office of Management and Budget (OMB) website provides links to budget related information and reports that are accessible and searchable in various ways.
- Quarterly financial status report offers summary data and is color-coded as a quick reference to show if Mesa is meeting expectations.
- The OMB website shows an overview of all budget related materials and the financial policies adopted by the City Council.
- Open Data Portal allows public to have access to a specific dataset, either financial or otherwise, which can be searched, filtered and downloaded for off-line analysis and use.

Ms. Cannistraro explained that the Open Data Portal encompasses five Citywide strategic priorities, as well as eight different categories of datasets. (See Pages 10 and 11 of Attachment 4) She noted that the financial dataset is one of the eight categories.

Ms. Cannistraro reviewed samples of the current financial datasets available, such as tax revenue and annual vendor payments. (See Pages 12 and 13 of Attachment 4) She illustrated the functionality of the Junar Software and the many types of filtering it offers.

Ms. Cannistraro indicated that not all financial datasets are available currently, but should be by the end of the fiscal year. She stated that the transition from the old mainframe to the new CGI Advantage software allows the City to query the data and pull it out, which was not an option with the old system.

Ms. Cannistraro explained that there are two parts of financial transparency; access to the data and data visualizations. She clarified that data visualizations provide a more user-friendly format for the non-data-oriented public, and described the differences between static and interactive visualizations. She reviewed some data visualizations currently displayed on the Open Data Portal, which are mapped to the available datasets. She stated that staff is working with the Information Technology Department to enable the data to automatically update without the need of manual interaction. She illustrated an active link to a static visualization of the Local Sales Tax Activity over the last five years, and noted that some parts of the chart are interactive by clicking on a line to see more details. (See Pages 15 through 17 of Attachment 4)

Ms. Cannistraro explained the various tools available to staff for data visualizations (See Page 18 of Attachment 4) as follows:

- Junar software
- Tableau software
- Excel
- Software services such as Socrata, OpenGov and CGI Advantage

Ms. Cannistraro indicated that most software services require an annual user subscription and contracts and illustrated samples of Socrata and OpenGov. (See Pages 19 and 20 of Attachment 4)

In response to a question from Chairman Thompson related to the difficulty of uploading data into a visualization, Ms. Cannistraro explained that the time consuming part is pulling the various types of data into a dataset. She added that once a dataset is created on the Open Data Portal, then updating the visualizations is much easier.

In response to a question from Chairman Thompson, Ms. Cannistraro replied that the Police Department budget is currently displayed as a static visualization within the budget book, but confirmed that once the dataset is on the Open Data Portal, then the budget would become interactive and the public will be able to filter the data. She confirmed that the datasets will offer more transparent access.

Ms. Cannistraro informed the Committee that she reviewed various financial transparency tools and learned more about the OpenGov product and would like to learn more about Socrata as well. She felt that some products seemed easy to work with but she has not asked other municipalities for references and is unsure of the cost.

In response to a question from Assistant City Manager Kari Kent, Ms. Cannistraro confirmed that budget information will be available on the Open Data Portal by the end of February 2017.

Ms. Kent recommended that the Committee delay a decision until after the public has time to access the Open Data Portal and share concerns and questions.

Chairman Thompson thanked staff for the presentation.

3. Adjournment.

Without objection, the Sustainability and Transportation Committee Meeting adjourned at 5:02 p.m.

I hereby certify that the foregoing minutes are a true and correct copy of the minutes of the Sustainability & Transportation Committee meeting of the City of Mesa, Arizona, held on the 7<sup>th</sup> day of November, 2016. I further certify that the meeting was duly called and held and that a quorum was present.

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DEE ANN MICKELSEN, CITY CLERK

hm  
(Attachments – 4)

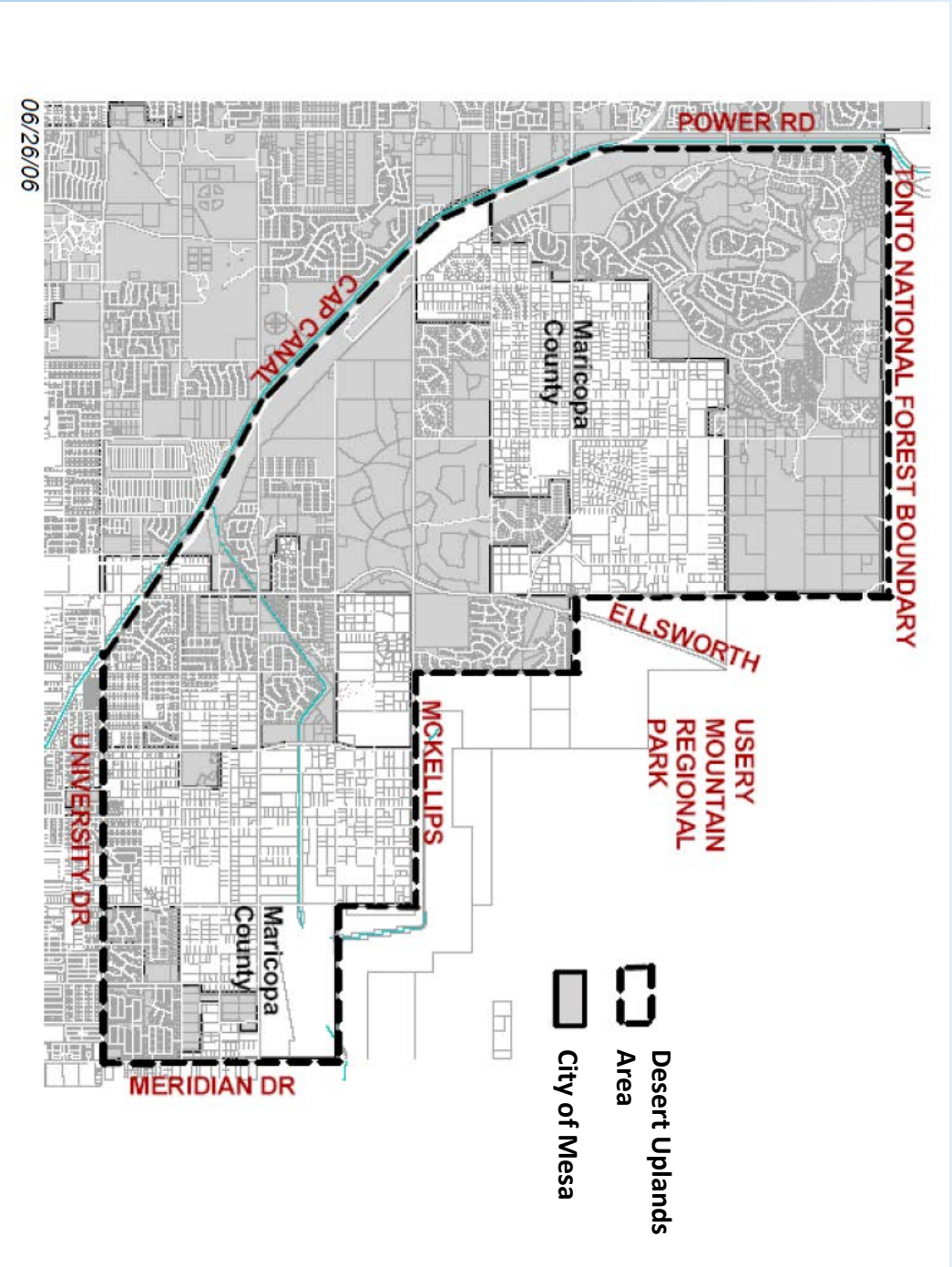
Desert Uplands Area Lighting Standards

**Presentation to the  
Sustainability and  
Transportation Committee**

**November 7, 2016**



# Desert Uplands Area



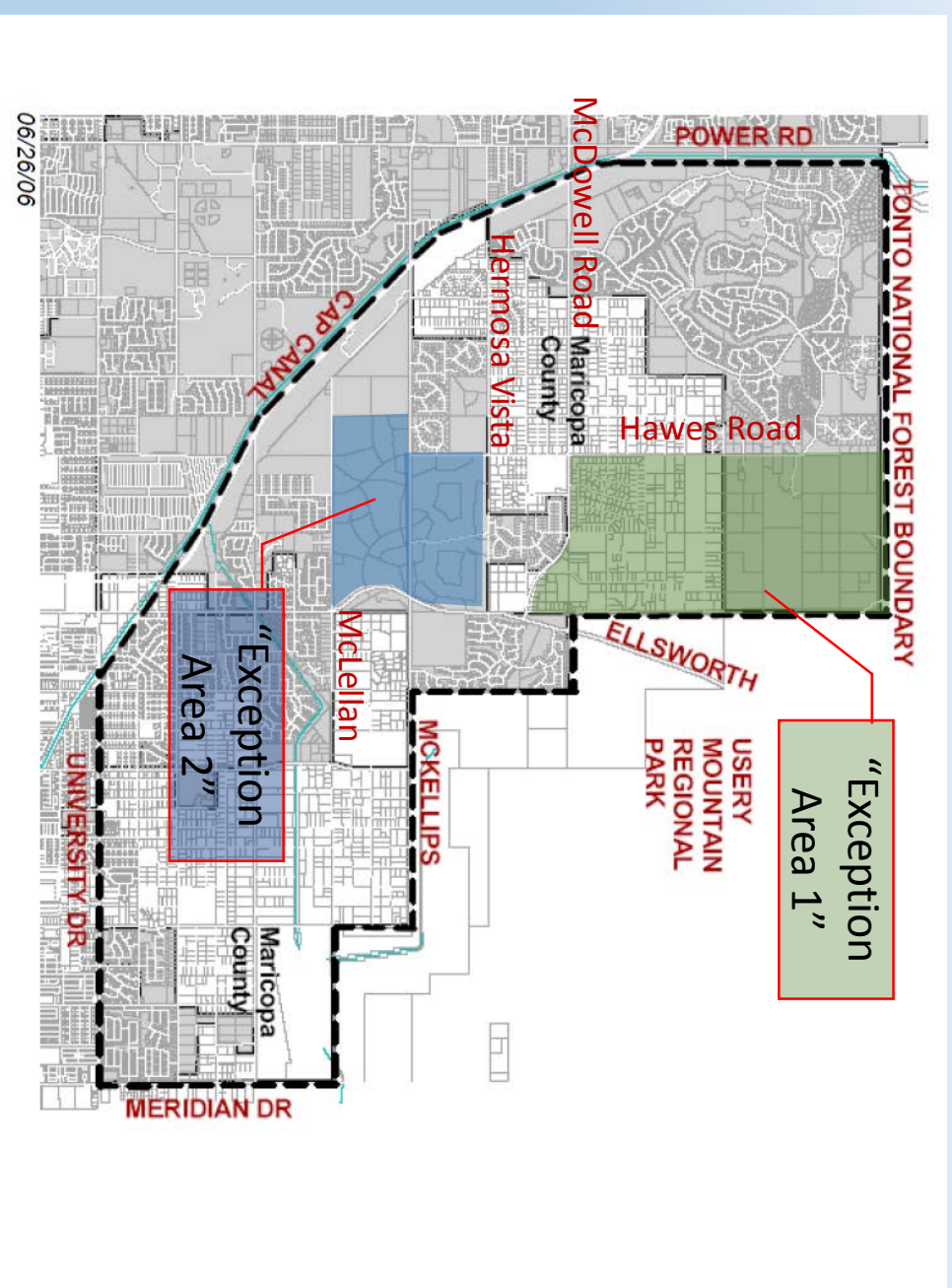
## Desert Uplands Area

### **Purpose and Intent of Desert Uplands Standards: (Adopted in 1990)**

To minimize hillside disturbance and encourage preservation of the natural character and aesthetic value of the desert within the Desert Uplands Area by allowing the flexibility necessary to produce unique, environmentally sensitive projects. It is the intent of these standards to encourage development of subdivisions with a distinctive southwest desert design theme. (City Code 9-6-5 A)

## Desert Uplands Area Standards

- Desert Uplands Area Standards – First adopted in 1990
- Modified requirements for Exception Area 1 in 2006
- Modified requirements for Exception Area 2 in 2007



## Desert Uplands Area Lighting Standards

### **General Requirements:**

- All streetlights must be **fully shielded**
- Streetlights may be installed in medians where medians exist. Behind outside curb when medians do not exist.

Fully Shielded = no light emitted above horizontal plane



Example Fixture

## Desert Uplands Area Lighting Standards

### **Local Streets:**

- 25' mounting height with 70 watt bulb
- Streetlights are required at all intersections and at the end of cul-de-sacs longer than 200'
- Streetlights required every 400' in other areas on local streets

## Desert Uplands Area Lighting Standards

### **Collector Streets:**

- Streetlights on collector streets shall comply with City standard illumination requirements (0.60 foot-candles with 4:1 average to min. ratio illumination required)

- 35'-40' pole mounting heights

Exceptions, if there are no homes or schools fronting the collector street:

- Lower lighting levels (0.37 foot-candles with a 6:1 average to min. ratio) are allowed
- 30'-35' pole mounting heights

## Desert Uplands Area Lighting Standards

### **Major/Arterial Streets**

- Streetlights on major streets shall comply with City **standard illumination and spacing requirements** (City Code 9-6-5 D.2)
- 35'-40' fixture mounting height

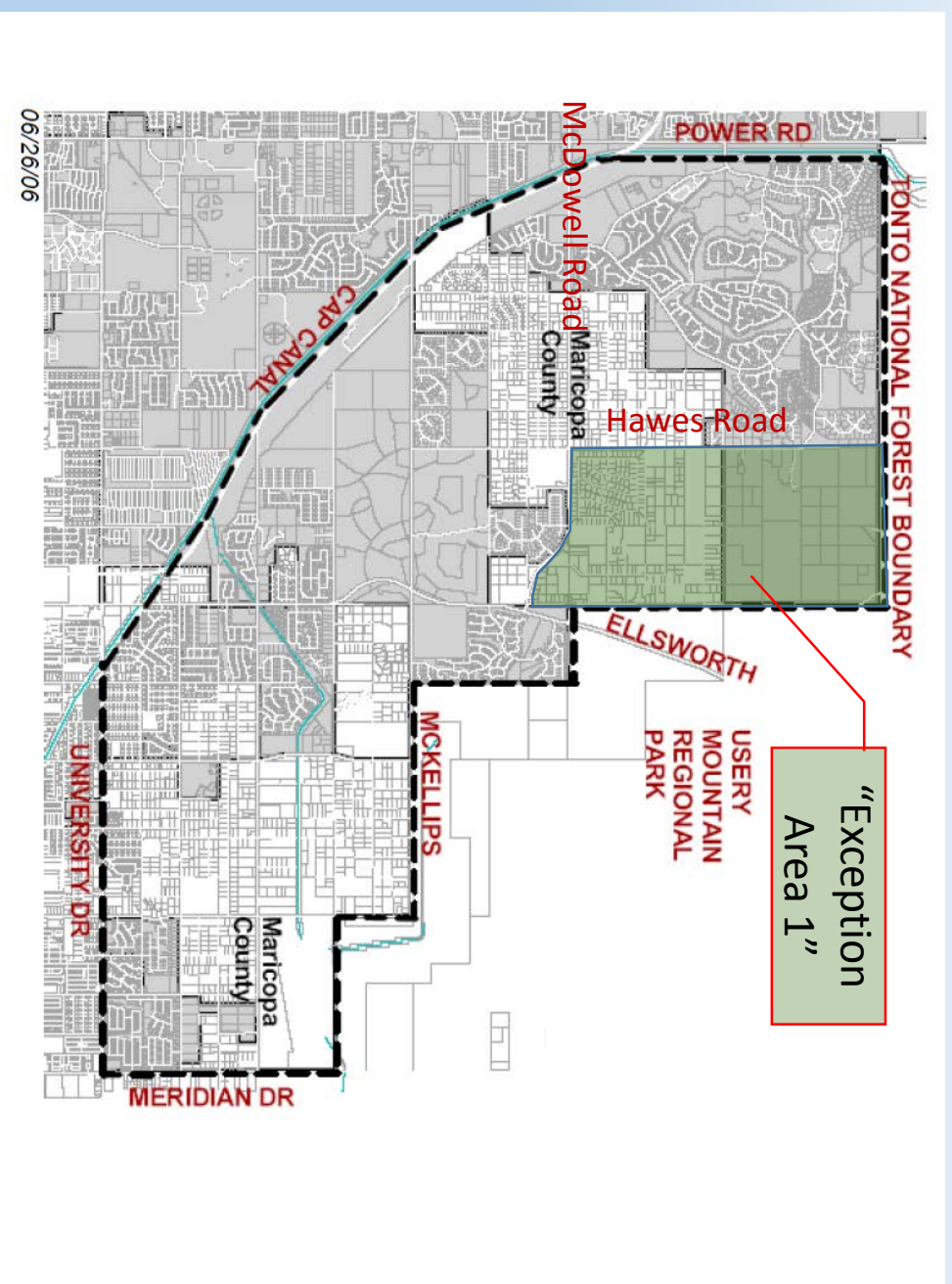
Average of 0.90 foot-candles illumination with 4:1 average to min ratio. Greater illumination required at arterial-arterial intersections.

# Desert Uplands Area Lighting Standards

## **Exception Area 1:**

(North of McDowell Road, east of Hawes Road and west of Usery Mountain Regional Park)

- One light at each subdivision entrance is required
- No other lighting required along public streets

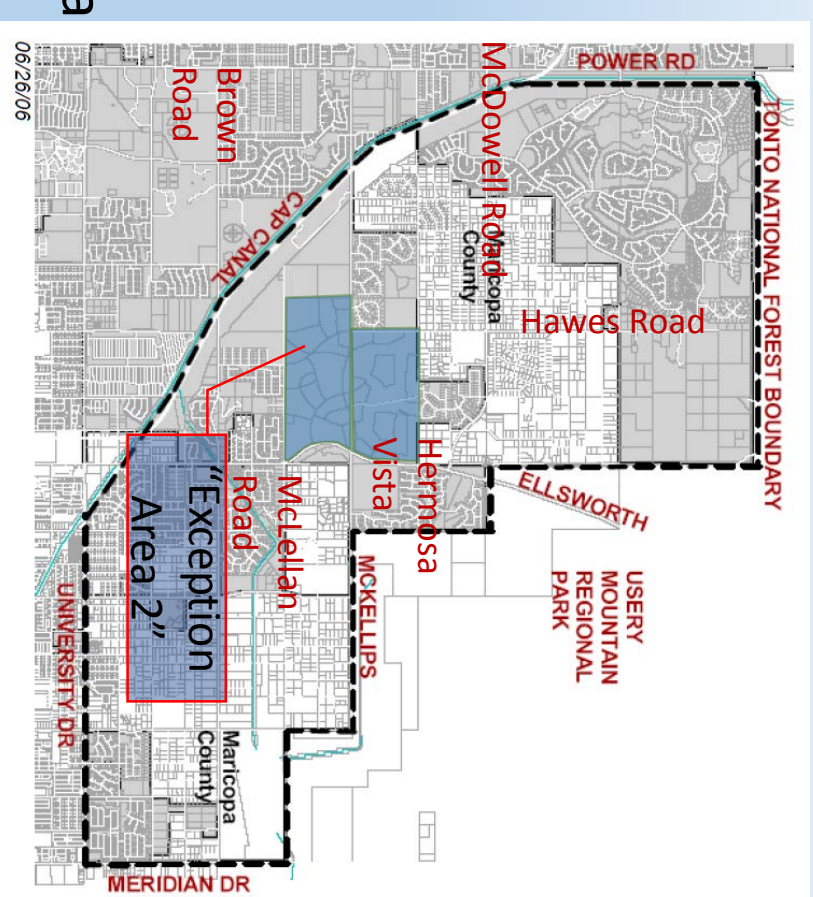




# Desert Uplands Area Lighting Standards

## **Exception Area 2:** (West of Ellsworth, north of McClellan, south of Hermosa Vista, and east of Hawes Road or east of a line ¼-mile west of Hawes Road)

- Exceptions are only for local street lighting. (No changes to collector or major/arterial street lighting.)
- For local streets, lighting required only...
  - At public street intersections
  - Where private driveways or streets intersect public streets
  - At crosswalks or where lighted pathway crosses a public street
  - Near lighted parks
  - At the ends of cul-de-sac streets



## Industry Trend: Conversion from HPS to LED Lights



HPS lighting



LED lighting

## Desert Uplands Area Lighting Standards

### **History of Lighting Along Major/Arterial Streets in the Desert Uplands Area**

- Historically, the arterial streets were not fully developed and did not have street lights
- As development occurs adjacent to the arterial streets, developers are required to install street lights per City Code
- Most of the complaints about lighting in the Desert Uplands Area have been about lighting along arterial streets (e.g., Mckellips and Ellsworth)

## Desert Uplands Area Lighting Standards

### **Must Consider...**

**Relationship between lighting and safety on major roadways:**

Providing street lighting reduces nighttime crashes by 28% overall and by 60% for fatality crashes.

(Source: Federal Highway Administration Lighting Handbook, August 2012)

## Desert Uplands Area Lighting Standards

### Staff Recommendation:

Staff recommend that the City leave the required lighting requirements for the Desert Uplands Area for all public streets, including arterial streets, as currently set forth in City Code.

## Desert Uplands Area Lighting Standards

### **Possible Options for Lowering Lighting Levels on Major/Arterial Streets**

1. Modify City Code to allow lower lighting levels on arterial streets in the Desert Uplands Area than currently required **(Council action required)**
2. Modify City Code to allow future installation of streetlights that provide currently required lighting levels from dusk to until traffic volumes “fall off” and from when traffic volumes “pick up again” to dawn, but can be dimmed to 50% lighting from between those hours (e.g., 50% dimming between 10 pm and 4 am) **(Council action required, plus capital outlay for a lighting monitoring and control system)**

## Desert Uplands Area Lighting Standards

# Questions/Recommendations?

# Pavement Preservation Program

City Code Title 9 Changes  
Engineering/Transportation Departments  
November 7, 2016



# Pavement Impacts

Pavement cuts reduce pavement life between 15% to 23%

- The reduction of pavement life increases maintenance costs
- Ride quality decreases
- Limiting impacts to local businesses

Lindsay Rd. / Southern Ave.  
Latex Modified Surry Placed in  
2012 Pavement Cut in 2012



## **Other Valley Cities with a Pavement Restoration Program**

**Phoenix**  
**Chandler**  
**Gilbert**  
**Scottsdale**  
**Tempe**  
**Fountain Hills**  
**Glendale**  
**Peoria**  
**Surprise**  
**Buckeye**  
**El Mirage**  
**Litchfield Park**

## **Proposed Title 9 Amendments Right-of-Way Management**

- Pavement preservation restrictions & fees
- Provides for an expedited appeals process
- Construction work in City right-of-way shall conform to City standards
- Right-of-way users shall maintain accurate record drawings
- Right-of-way user will reimburse the City for actual costs associated with locating facilities

## Introduce Pavement Restoration Program

No cuts in pavement less than 2 years old, except for emergencies and essential services

- A tiered fee structure based on pavement age and the size of cut
- One pothole approved within the first year of new pavement, per project
- Restoration fee will be used for pavement maintenance



# Proposed Rate Structure

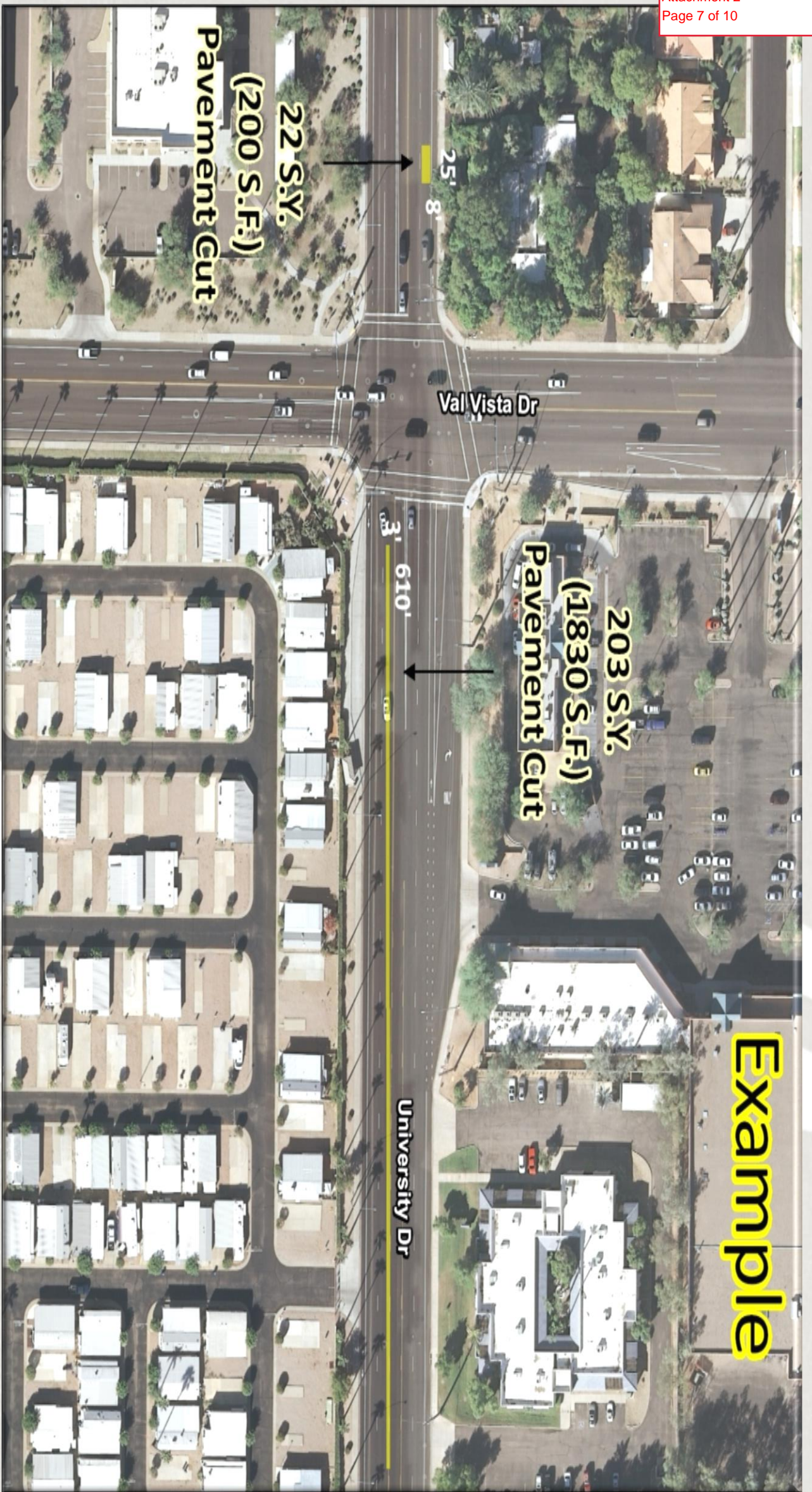
<b>Pavement Age &lt; 12 months (0-1 years)</b>	
<b>Cut Size</b>	< 200 SY
<b>Fee</b>	\$1,800 + \$20/SY
<b>For cuts within the first year, the fee is in addition to the mill and overlay</b>	

<b>Pavement Age 12 months - 24 months (1-2 years)</b>	
<b>Cut Size</b>	< 200 SY
<b>Fee</b>	\$1,600 + \$20/SY

<b>Pavement Age 24 months - 36 months (2-3 years)</b>	
<b>Cut Size</b>	< 200 SY
<b>Fee</b>	\$1,300 + \$15/SY

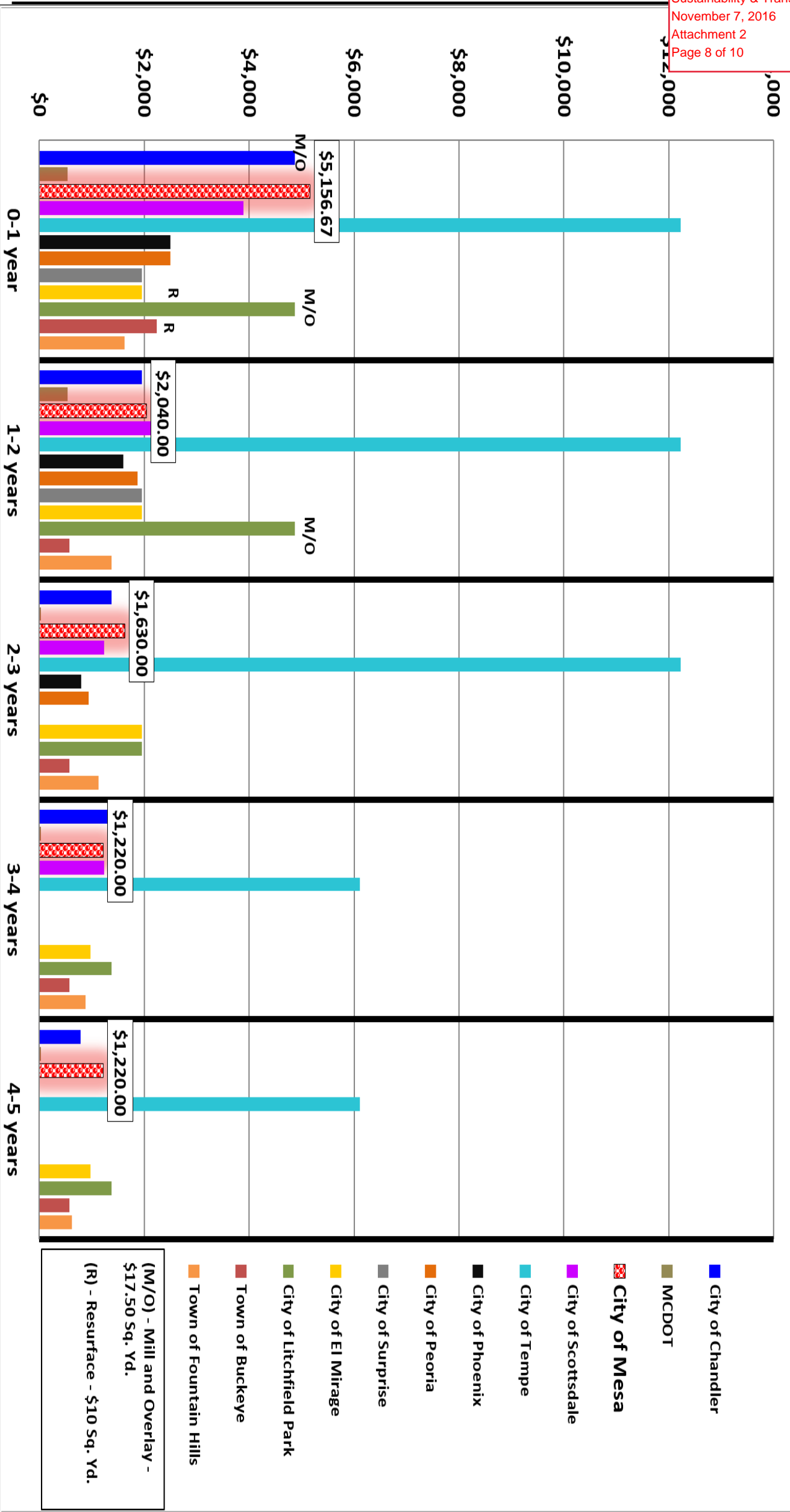
<b>Pavement Age 36 months - 60 months (3-5 years)</b>	
<b>Cut Size</b>	< 200 SY
<b>Fee</b>	\$1,000 + \$10/SY

<b>Pavement Age 60 months - 72 months (5-6 years)</b>	
<b>Cut Size</b>	> 200 SY
<b>Fee</b>	\$1,000 + \$8/SY

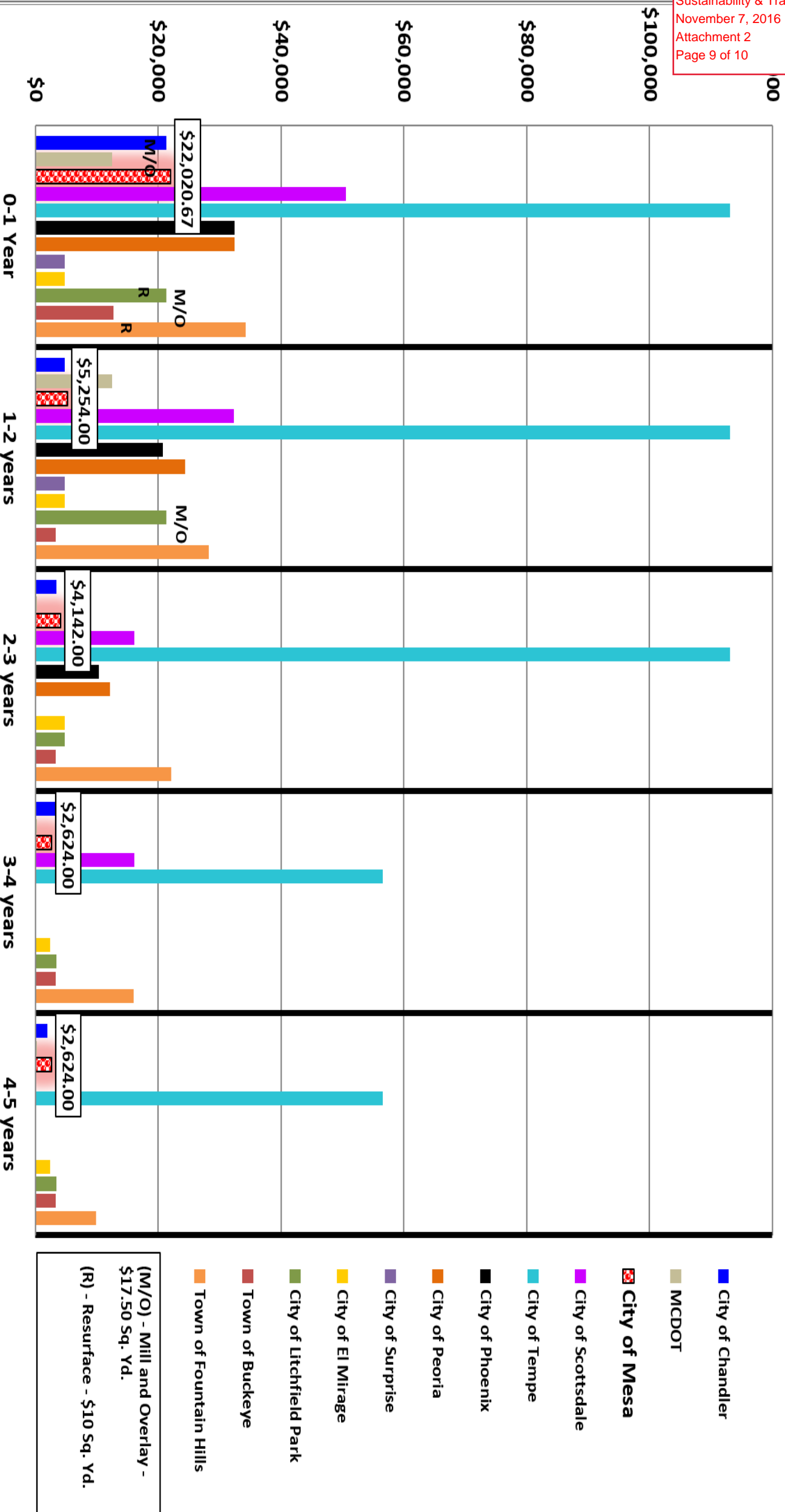


**Example**

### Pavement Restoration Fee Example for 22 square yards



## Pavement Restoration Fee Example for 203 square yards



(M/O) - Mill and Overlay - \$17.50 Sq. Yd.  
 (R) - Resurface - \$10 Sq. Yd.



# Questions / Recommendations ?



# Street Renaming:

# Medina Ave to Steven Pollard Ave

Sustainability and Transportation Committee  
November 7, 2016



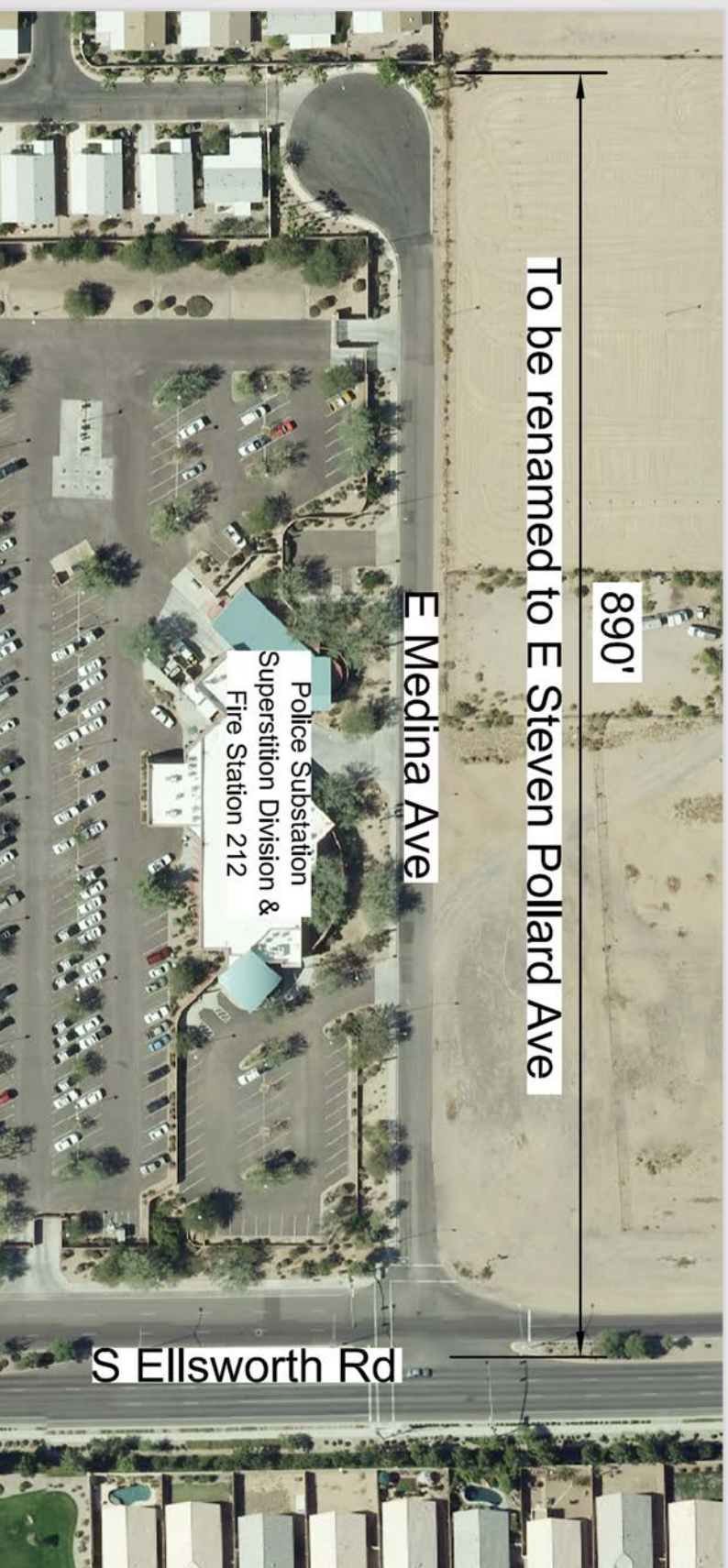
# Background

- City of Mesa Police Officer Steven Paul Pollard was killed in the line of duty on November 27, 1994
- Officer Pollard was buried with full police honors
- The Mesa Police Department holds an annual Memorial Run for Officer Pollard, which starts and ends at the Superstition Police Substation located on Medina Avenue west of Ellsworth Road



# Discussion

City of Mesa Policy allows for street name changes in order to recognize historical significance:



- Dual street name signs would be installed for 12 months
- No mailing addresses would be affected by the street name change (City owned assets only, such as landscape meters and electric pedestals)

# Fiscal Impact & Timeline

- The cost to replace the two existing street name signs for Medina Avenue is approximately \$1,100, which will be covered by the Mesa Fraternal Order of Police
- If approved, a resolution will be presented to City Council on November 21, 2016
- A sign unveiling ceremony would take place on Wednesday, November 23, 2106 as part of the annual Memorial Run

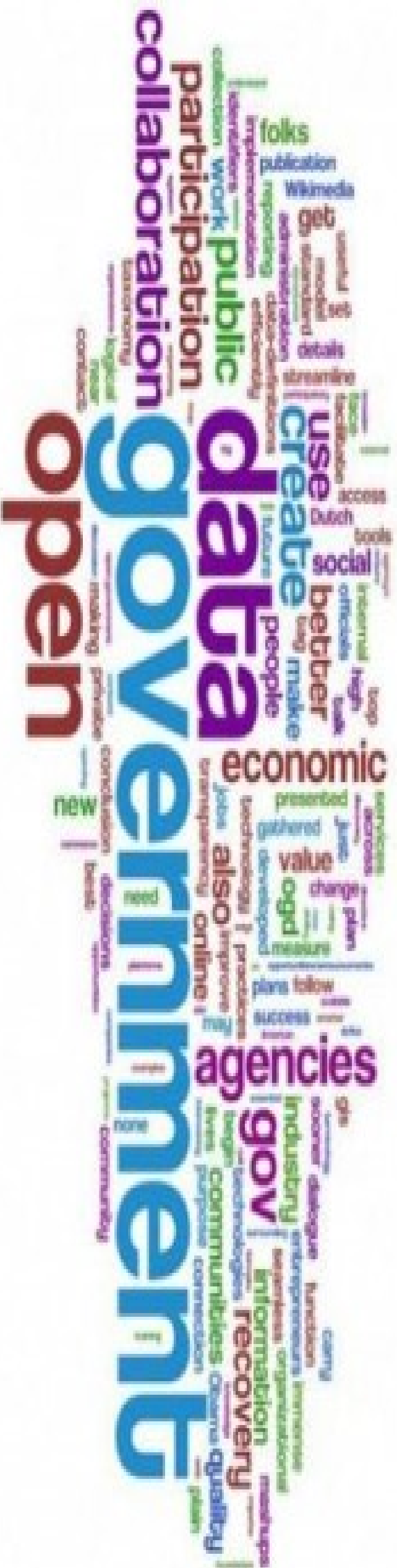


# Questions & Recommendation



# Financial Transparency in the City of Mesa

PRESENTED BY THE OFFICE OF MANAGEMENT AND BUDGET  
NOVEMBER 7, 2016





# What is the goal of Financial Transparency?

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Build public trust in government

Allow for a better understanding of  
how local government works

Encourage citizen engagement



# What do we mean by Financial Transparency?

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- Public access to a municipality's financial information
  - May include budget information, summary of actual expenses and revenues, detail of actual expenses and revenues, forecast of future costs and resources
  - May include access to data, data visualizations and/or descriptive text
- Relevant, timely and reliable information pertaining to the financial health of the municipality

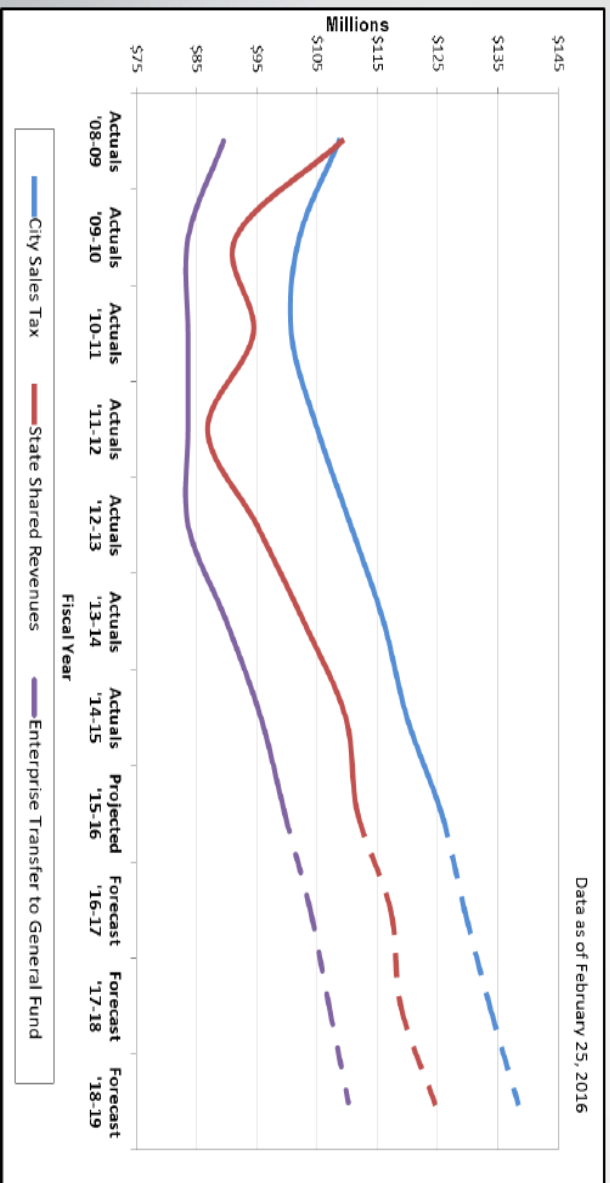
# Some of the ways the City of Mesa is meeting the goals of Financial Transparency

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- [Annual financial forecast](#) presented/discussed with City Council at televised meeting
- Budget preparation process, City Manager proposed budget, department presentations, utility rate [discussions all televised](#) with [documents accessible](#) on City's website
- [Quarterly financial status report](#) of both unrestricted operating funds posted to City's website
- City Council adopted [financial policies](#) and other budget related information posted to website
- [Open data portal](#) containing transactional financial information

# Utilization from Annual Financial Forecast

## General Governmental Revenues





City Hall » Office of Management & Budget

# Presentations & Reports

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Each year, the city's budget is developed in conjunction with residents, the Mayor and City Council, City Manager and City Employees. The result is a budget that closely matches the community's highest priorities each fiscal year. Here you'll find the information on the city's budget, financial reports and other city reports.

## Fiscal Year 2016-2017

All

- Office of Management & Budget
  - Quarterly Financial Status Report
  - Notice of Proposed Taxes or Fees
  - Budget Documents
  - Presentations & Reports**
  - Fees & Charges
  - Utility Rates
  - Property Tax
  - Budget Cycle
  - Associate Program
  - Financial Policies

Accessibility of budget related information

DATE	CATEGORY	TITLE	MEETING	TYPE
06/09/2016	Budget	Public Safety and Higher Education Funding Recommendation [PDF]	Council Study Session	Presentation
06/06/2016	Budget	FY 16/17 Tentative Budget [PDF]	Council Session	Report
06/06/2016	Budget	FY 16/17 Proposed Budget Pie Charts [PDF]	Council Session	Report
06/06/2016	Budget	FY 16/17 Proposed Budget Fund Balance Summary [PDF]	Council Session	Report
05/19/2016	Budget	Public Safety and Higher Education Funding Needs [PDF]	Council Study Session	Presentation
05/05/2016	Budget	FY 16/17 Budget Wrap-up [PDF]	Council Study Session	Presentation
04/28/2016	Budget	City Council Strategic Priority "Placemaking" with Related Departmental Proposed Budgets [PDF]	Council Study Session	Presentation
04/21/2016	Utility Rates	FY 16/17 Utility Rate Recommendations Report [PDF]	Council Study Session	Report
04/21/2016	Utility Rates	FY 16/17 Utility Departments Presentations and Rate Recommendations [PDF]	Council Study Session	Presentation
04/14/2016	Budget	City Council Strategic Priority "Public Safety" with Related Departmental Proposed Budgets [PDF]	Council Study Session	Presentation

The quarterly financial status report provides summary data, a visualization and explanation of both actual data and year-end estimates

Quarterly Financial Status Report  
 FY 2015/2016  
 3rd Quarter

**Executive Summary:**  
 The City of Mesa has closed the third quarter of the 2015/16 fiscal year, July through March. This snapshot shows the financial projection for the year compared to the adopted budget. There are no significant deviations to report for either the General Governmental Funds. The overall revenues are projected to be greater than budgeted and overall expenses are projected to be less than budgeted. The Enterprise Fund is projected to achieve a greater positive net source and uses than the second quarter projection due to the recent refunding and defeasance of the Utility Systems Bonds.  
 The Law Enforcement category is projected to expend more than the budget due to the continuation of the aggressive officer recruitment program that was implemented last year. The Fire and Medical category is showing caution due to approval of contingency allocations related to training. The other categories showing caution or monitoring are not significant to the overall financial status of the fund.  
 The Enterprise Fund adopted budget amount was missing some entries and has been corrected. Year to date actual revenues and expenditures are subject to seasonality and other various timing issues and do not necessarily represent fifty percent of the projected year end estimate.

General Government Funds		Enterprise Fund	
	Revenues	Expenditures	Net Sources and Uses
Adopted Budget	\$ 371,564	\$ 382,144	\$ (4,528)
Year to Date Actuals	\$ 275,320	\$ 253,122	\$ 19,220
Year End Estimate	\$ 376,515	\$ 378,866	\$ 12,531
(in Thousands)			

**Legend**

- Exceeding
- On Track
- Caution
- Monitoring

**General Government Funds**

Revenues	Expenditures	Net Sources and Uses
Taxes	Community Development and Services	Electric
Intergovernmental	Parks and Library	Natural Gas
Sales and Charges for Services	Law Enforcement	Solid Waste
Licenses, Fees, and Permits	Fire and Medical	Wastewater
Fines and Forfeitures	Other Departments	Water
Other Revenues	Transfers Out	Other/Non-Utility
Transfer In		

# Overview of budget related information Financial policies adopted by the City Council



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## Office of Management & Budget

- Quarterly Financial Status Report
- Notice of Proposed Taxes or Fees
- Budget Documents
- Presentations & Reports
- Fees & Charges
- Utility Rates
- Property Tax
- Budget Cycle
- Associate Program
- Financial Policies

## City Hall Office of Management & Budget

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The **Office of Management and Budget's (OMB) mission is to ensure the effective and efficient use of resources in order to sustain the delivery of quality services for the residents of Mesa.**

The Office of Management and Budget develops and manages the **annual operating budget** and the **five-year capital improvement program**; forecasts city-wide revenues, expenditures and fund balances; conducts special projects; and administers the City's **performance excellence**. OMB also manages a variety of city administrative processes and provides process improvement, performance management and strategic planning services to city organizations. In addition, OMB is the home for the **Management Associate Program**, which recruits talented professionals interested in a career in public service.

### Budget Basics

The adopted budget continues the City of Mesa's commitment to providing quality services to residents in a fiscally responsible manner. Dive into the City's budget by clicking on the questions below, or reading the City's Executive Budget Plan.

### Contact Information

P.O. Box 1466  
Mesa, AZ 85211

480-644-5799   
Fax 480-644-5585   
[Staff Directory](#)

### Questions or Suggestions?

### Current Happenings

Ever wonder how the budget for the City of Mesa works? Check out the City's new Budget 101 video!



**What is the City's budget process?**  
Delve into the City's 12 step budget cycle, see how the budget is managed, and understand budget limitations and requirements



**What are the City's available resources?**  
Discover where the Mesa's revenues come from



**What does the City spend money on?**  
Take a look at the total city budget by major expense categories

## Executive Budget Plan

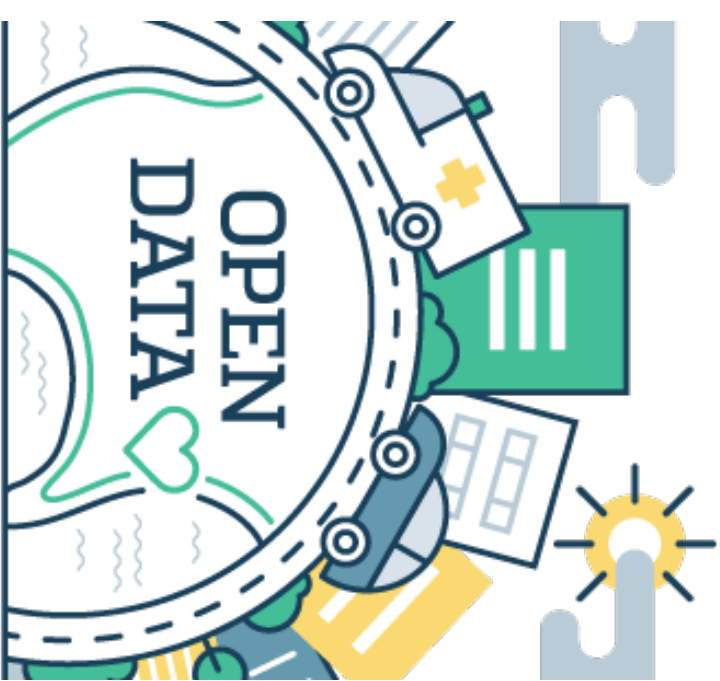


mesa.az  
FISCAL YEAR  
2015-2016  
City of Mesa, Arizona

# Open Data

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- Mesa embarked on the design and construction of an Open Data Portal
- Open data portals are public spaces housing various municipal datasets
- The data can be searched, filtered and downloaded for off-line analysis and use
- Data sets consist of both financial and non-financial data



# Mesa's Open Data Initiative

## 5 Citywide Strategic Priorities

- Public Safety
- Workforce Development
- Sustainable Economy
- Transforming Neighborhoods
- Placemaking

## 8 Categories

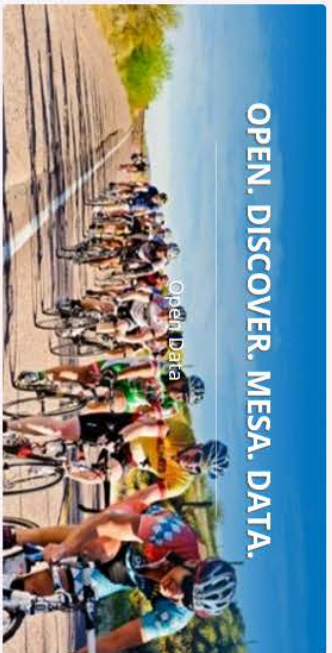
- Energy & Utilities
- Permits & Licenses
- Financials
- Recreation & Culture
- Zoning & Property
- Planes, Trains & Automobiles
- Neighborhoods
- Public Safety





Search for Open Data

# City of Mesa Open Data Portal



## City Strategic Priorities & Goals

Mesa's Open Data program is focused on providing the data behind the key indicators and trends related to our City's strategic goals.

- Public Safety
- Workforce Development
- Sustainable Economy
- Transportation

## City Data Sets

Data sets show trend, GIS, or map visuals and include the tabular data for your export, use in applications or to share via social media.

- Energy & Utilities
- Permits & Licenses
- Financials
- Recreation & Culture

Tax Revenue - Citywide

ReportYear	ReportMonth	Category	Category/Description	TaxRevenue
2015	1	11	Amusements	156,737.92
2015	1	4	Communications	398,817.76
2015	1	8	Contracting	816,404.63
2015	1	15	Miscellaneous	54,917.64
2015	1	7	Printing and Advertising	31,481.80
2015	1	6	Publishing	59,342.18
2015	1	12	Rentals	2,044,834.21

Vendor Payments - 2017

Payment Date	Vendor Name	Amount	Expense Code
2016-07-05	2013-11HBORROWERLP	\$ 109.41	1081
2016-07-05	A&ACoolingAndHeatingLLC	\$ 434.95	2181
2016-07-05	A&ACoolingAndHeatingLLC	\$ 69.95	2181
2016-07-05	AdventureBicycleCompany	\$ 189.04	3131
2016-07-05	AeronauticsAmericanInc	\$ 594.57	3131
2016-07-05	AlistairServicesInc	\$ 2,245.06	2115
2016-07-05	AlistairServicesInc	\$ 1,065.28	2115

Vendor Payments - 2016

Payment Date	Vendor Name	Amount	Expense Code
7/1/2015	A&ACoolingAndHeatingLLC	\$ 140.00	2181
7/1/2015	A-1LocksmithandSecurityCenterInc	\$ 2,449.02	3116
7/1/2015	AlistairServicesInc	\$ 35.36	2115
7/1/2015	AlistairServicesInc	\$ 140.61	2115
7/1/2015	AlistairServicesInc	\$ 804.80	2115
7/1/2015	AlistairServicesInc	\$ 623.25	2115
7/1/2015	AlistairServicesInc	\$ 786.69	2115

Sample of Current Financial Datasets

Payments - 2015

Vendor Name	Amount	Expense Code
AbatixCorp	\$ 410.45	3103
AbatixCorp	\$ 141.63	3131
ABOVEANDBEYONDDOT/P/THE...	\$ 574.73	2307
ACCELERATEDREHABILITATIO...	\$ 87.81	2307
AcuitySpecialty/Productslnc	\$ 2,081.18	3131
AcuitySpecialty/Productslnc	\$ 63.51	3131
ADAMS, GEOFF	\$ 30.00	2019

Vendor Payments - 2014

Payment Date	Vendor Name	Amount	Expense Code
2013-07-01	AnzonaEnvelopeCompany	\$ 4,001.47	2113
2013-07-01	BorderStatesElectricSupply	\$ 2,451.77	3130
2013-07-01	GanMontgomery	\$ 1,166.34	2307
2013-07-01	OsamDocumentsSolutionsInc	\$ 359.70	2224
2013-07-01	OsamDocumentsSolutionsInc	\$ 100.00	3102
2013-07-01	OsamDocumentsSolutionsInc	\$ 165.00	3118
2013-07-01	OsamDocumentsSolutionsInc	\$ 5,897.28	4401

Vendor Payments - 2013

Payment Date	Vendor Name	Amount	Expense Code
2012-07-03	ATULPATEL	\$ 185.28	2307
2012-07-03	BANNEROCCUPATIONALHEALTH	\$ 1,334.53	2307
2012-07-03	BannerPhysiciansSpecialistsArizon...	\$ 313.45	2307
2012-07-03	ComptTodayLC	\$ 542.16	2307
2012-07-03	DavidCabiell	\$ 1,116.22	2307
2012-07-03	DawnHaynes	\$ 554.80	2307
2012-07-03	ElectroStimMedicalServices, Inc.	\$ 228.08	2307

Vendor Payments - Fund Type by Fiscal Year

Fiscal Year	Agency Funds	Capital Project Funds	Debt Service Funds	Enterprise Funds
2013	36,630,644.7	146,535,200.62	160,721.55	79,752.
2014	39,117,134.08	143,018,154.44	61,846,648.44	163,202.
2015	41,787,295.53	59,848,704.71	51,233,606.30	216,641.

Vendor Payments - 2016 - City of Mesa Open Data Portal - Internet Explorer

http://open.mesaaz.gov/dataviews/7227934/vendor-payments-2016/

File Edit View Favorites Tools Help

mesa·az

Search for Open Data

This configuration of filters and multi-sorting can be saved as a custom view for later use, by you or others.

**FILTER DATA**

Active filters Remove all

Column Department Name: Equal to "Police" X

Add new filter

Column:  v

Add Apply

## Vendor Payments - 2016

Checkbook register including Paid Date, Payee, Amount, Department, Object, Fund and Commodity Code.

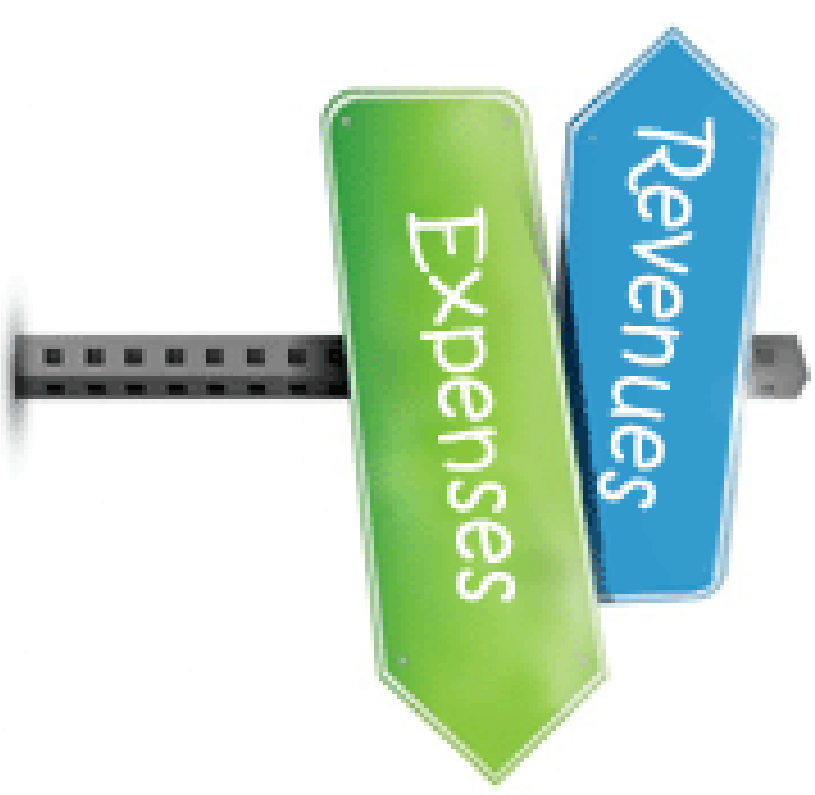
Number	Unit Name	Commodity Code	Commodity Descr
	Police Administration	72616	Antennas&Accesso
	Police Administration	92045	SoftwareMaintenan
	Police Administration	92047	SupportServices, Co
	Police Administration	20464	NetworkComponent
	Police Administration	20811	ApplicationsSoftware
	Police Administration	96115	Concessions, Cater
	Police Administration	98124	Containers, AllKinds
	Police Administration	20811	ApplicationsSoftware
	Police Administration	96186	VeterinaryServices
	Police Administration	68008	PoliceProtectionEq
	Police Administration	80008	Boots, Leather
	Police Administration	95277	Research&Evaluati
	Police Administration	68041	CrimeDetectionEqu
	Police Administration	91557	Mailing/Postage&S
	Police Administration	94874	ProfessionalMedice
	Police Administration	97182	Traillite Portable Ra

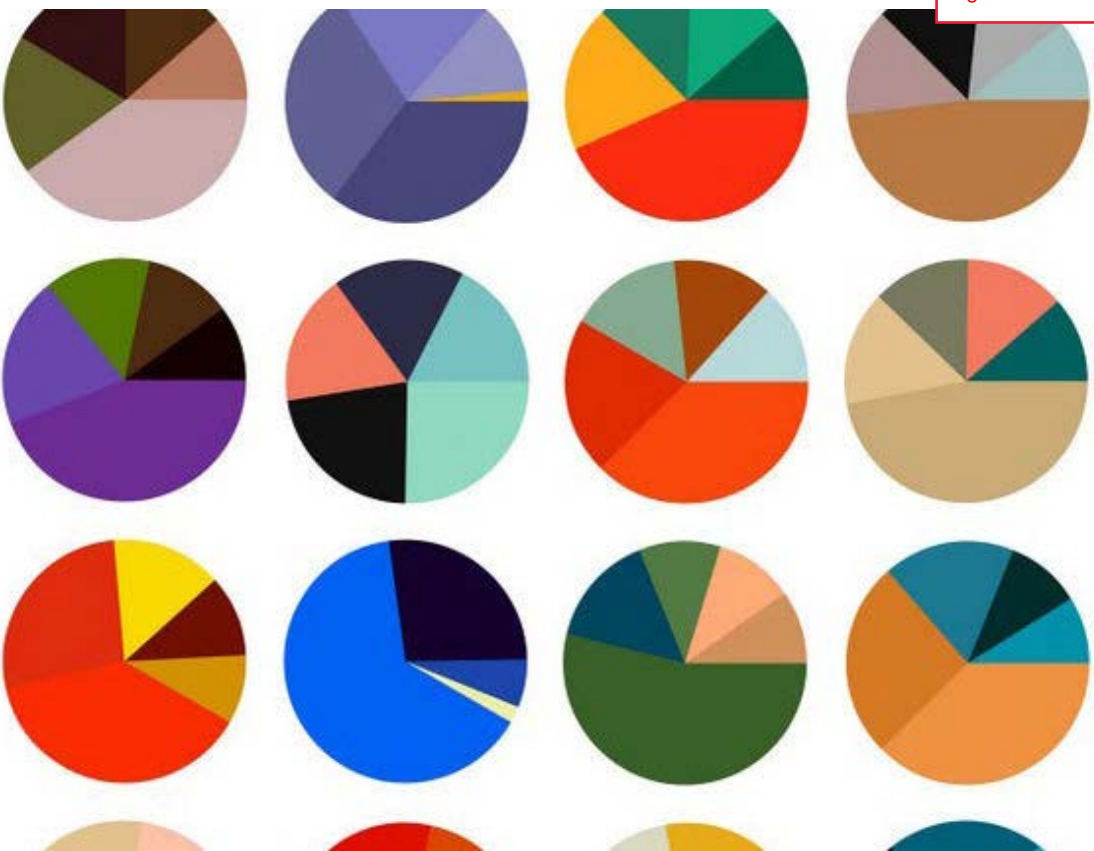
Vendor Data Filtered  
For Police Department

# Addition of Full Financial Data

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- The current financial information available includes vendor information and local sales tax activity
- Effort is underway to add the datasets for full expenses and revenues
- The movement of the City from the old mainframe environment to the CGI Advantage software allowed the City to move in this open data direction for financials





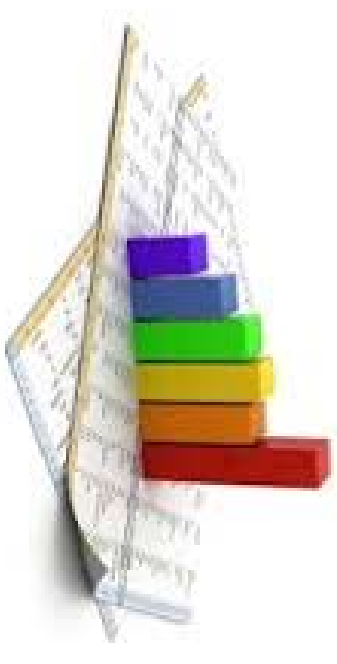
# Data Visualization

Visualizations and/or explanations of the data provides a more user friendly format for the non data-oriented public

<b>Static Visualizations</b>	<b>Interactive Visualizations</b>
Allow for expert interpretation and presentation of the data  Require assumptions and/or identification of desired information	Allow for custom data requesting/filtering  Require requesters to have some understanding of the data

# Current Data Visualizations

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- Expense and revenue visualizations can be added when the datasets are ready
- Many visualizations are available for the various non-financial data sets
- Both the data and the visualizations on the open data portal are updated on a routine basis in order to keep the information timely
- The City's information technology department works to automate as much of the update process as possible



Export

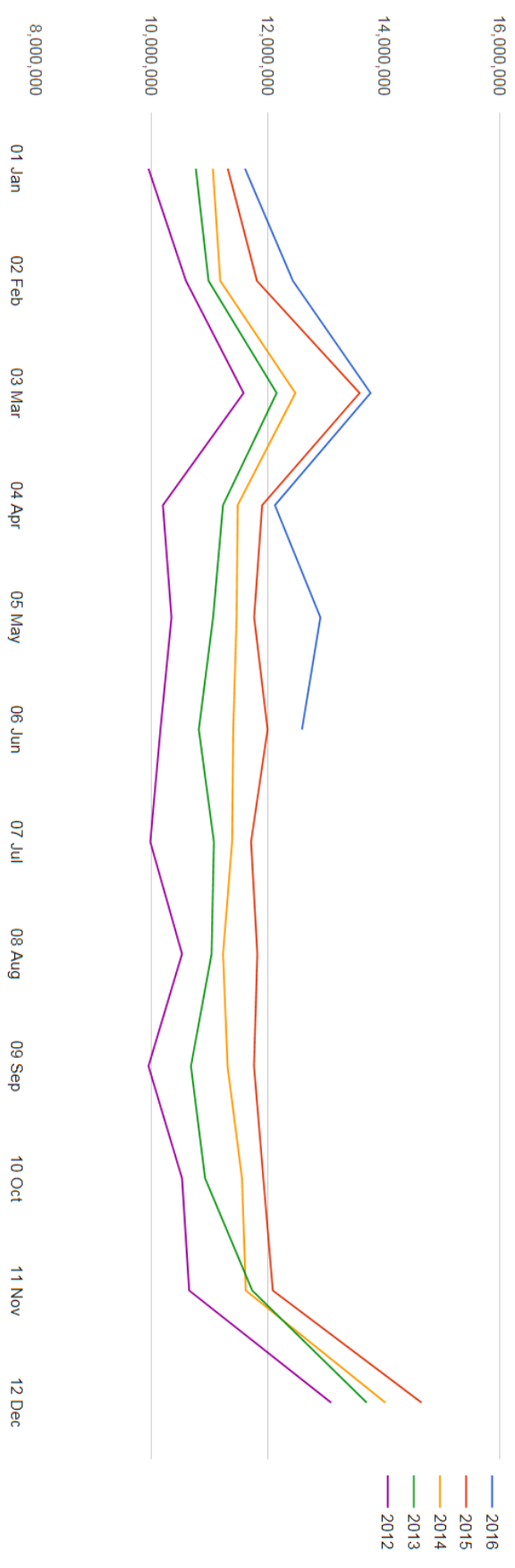
Search for Open Data



### Tax Revenue (TPT Only) - Citywide by Consumer Activity Period

The purpose of this dataset is to provide tax revenue summary by period of consumer activity for the entire City of Mesa.

Local Sales Tax Activity  
over the last 5 years



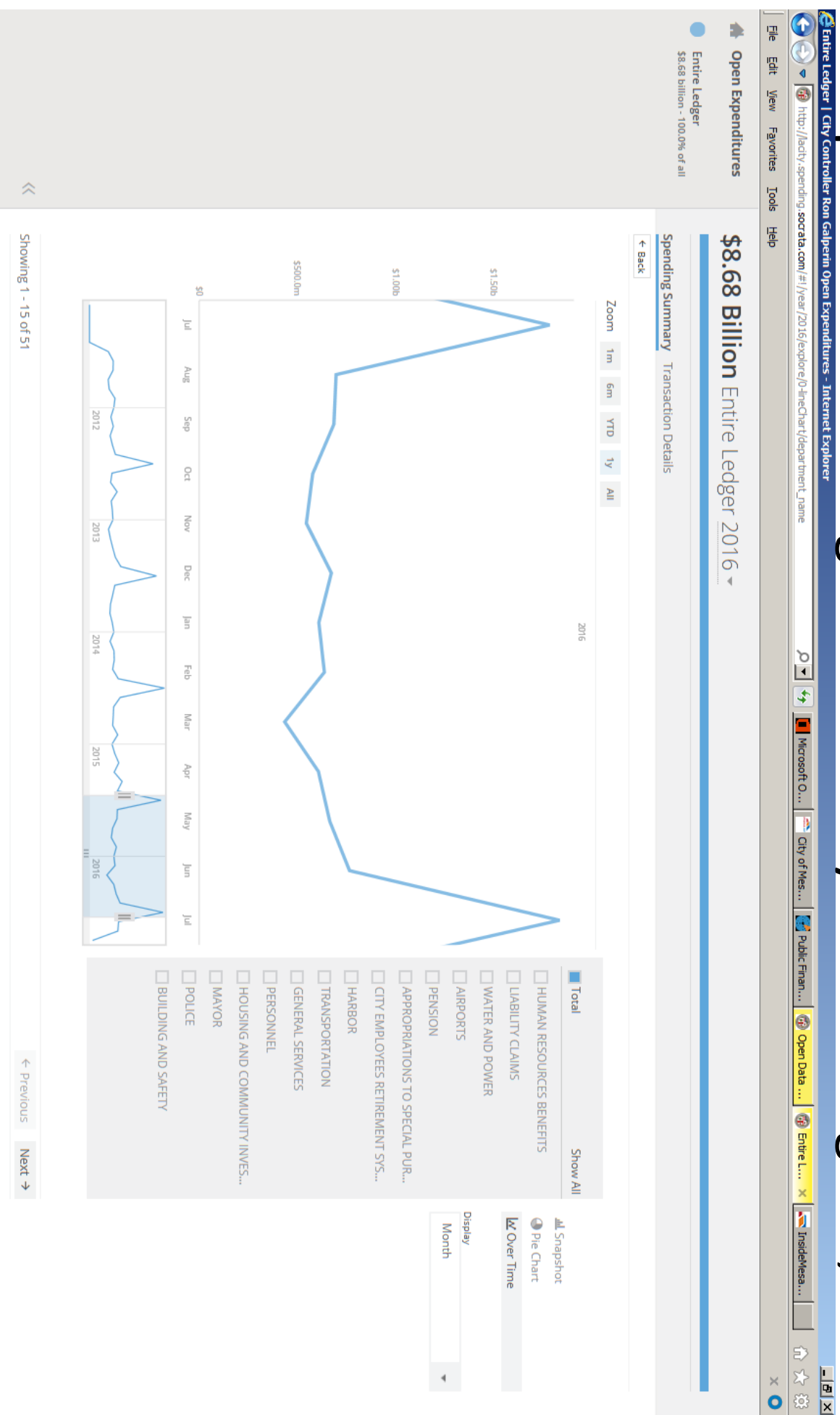


## Tools Available for Data Visualizations

- Can be built in the Junar software that is currently in place for the open data site (currently being utilized)
- Can be built in an alternate graphing software such as Tableau (currently being utilized) and posted to the Junar site
  - Some additional tools are available for free such as Public Tableau but may have support limitations, others are available for a cost
- Can be built in Excel and displayed in various forms (currently being utilized)
- Can leverage software services to create a base level of public reports and visualizations
  - Some examples are Socrata, OpenGov and CGI Advantage
  - Usually involve an annual subscription cost and multi-year contract



# Sample "Socrata" Page for the City of Los Angeles, CA



Showing 1 - 15 of 51

[← Previous](#) [Next →](#)

# Sample "OpenGov" Page for the City of Minneapolis, MN

**Annual**

Balance Sheet

Current Year

**Filters**

**Views**

What is the General Fund total budget?

Overall what are the City's Revenues and Expenses?

Where are the City's General Fund revenues coming from in 2016?

How much property tax revenue does the City receive each year?

Presentation

Departments Expenses

Click on the City's glossary of terms to learn more: [bit.ly/UnlvHc](#)

50 Notes in this view

Sort A to Z

- CPED
- Capital Improvements
- City Coordinator
- Fire
- Independent Boards
- Other/Non-Departmental
- Police
- Public Works
- More (9 grouped)

https://minneapolism.opengov.com/transparency/#1369

