



**RIVERTON CITY  
REGULAR CITY COUNCIL MEETING  
AMENDED AGENDA**

**January 27, 2015**

Notice is hereby given that the Riverton City Council will hold a **Regular City Council Meeting** beginning at **6:30 p.m.** on **January 27, 2015** at Riverton City Hall, located at 12830 South 1700 West, Riverton, Utah.

**1. GENERAL BUSINESS**

1. Call to Order and Roll Call
2. Pledge of Allegiance
3. Presentations/Reports
  1. Recognition of Boy Scouts
4. Public Comments

**2. PUBLIC HEARINGS** – *There are no Public Hearings scheduled.*

**3. DISCUSSION/ACTION ITEMS**

**1. Presentation regarding 2015 Strategic Plans**

1. Storm Water Utility - *Trace Robinson, Public Works Director*
2. Secondary Water – *Trace Robinson, Public Works Director/Dan Woodbury, Water Engineer*
3. Culinary Water - *Trace Robinson, Public Works Director/Dan Woodbury, Water Engineer*
4. Streets - *Trace Robinson, Public Works Director*

**4. CONSENT AGENDA**

1. Minutes: RCCM 01-20-15
2. **Resolution No. 15-11** – Encouraging the State of Utah to address Comprehensive Transportation Funding

**5. UPCOMING MEETINGS**

1. February 3, 2015 – 6:30 p.m. – Regular City Council Meeting
2. February 17, 2015 – 6:30 p.m. – Regular City Council Meeting
3. February 24, 2015 – 6:30 p.m. – Regular City Council Meeting

**6. ADJOURN**

Dated this 26<sup>th</sup> day of January 2015

Virginia Loader, MMC  
Recorder

**Public Comment Procedure**

At each Regular City Council Meeting any person wishing to comment on any item not otherwise on the Agenda may address the Governing Body during the Public Comment period. The comment period is limited to 30 minutes. Any person wishing to comment shall limit their comments to no more than three (3) minutes, unless additional time is authorized by the Mayor. Citizen groups will be asked to appoint a spokesperson, who shall limit their comments to no more than five (5) minutes. All comments shall be directed to the Mayor and City Council. No person addressing the Governing Body during the comment period shall be allowed to comment more than once during that comment period. Speakers should not expect any debate or dialogue with the Mayor, City Council or City Staff during the meeting.

January 27, 2015

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The City Office is an accessible facility. Individuals needing special accommodations or assistance during this meeting shall notify the City Recorder's Office at 801-208-3126, at least two business days in advance of the meeting. Accessible parking and entrance are located on the south end of the building with elevator access to the City Council Chambers located on the second floor.

**Certificate of Posting**

I, Virginia Loader, the duly appointed and acting Recorder for Riverton City certify that, at least 24 hours prior to such meeting, the foregoing City Council Agenda was emailed to the Salt Lake Tribune, Deseret News and the South Valley Journal. A copy of the Agenda was also posted in the City Hall Lobby, on the City's Website at [www.rivertoncity.com](http://www.rivertoncity.com), and on the Utah Public Meeting Notice Website at <http://pmm.utah.gov>.

**Dated this 26<sup>th</sup> day of January 2015**

**Virginia Loader, Recorder**

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**Riverton City**  
**REGULAR CITY COUNCIL MEETING**  
**Minutes**  
**January 20, 2015**

**Riverton City Hall**  
**12830 South 1700 West**  
**Riverton, Utah 84065**

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10 **Attendance:**

11  
12 Mayor William R. Applegarth

13  
14 **Council Members:**

15 Council Member Brent Johnson  
16 Council Member Trent Staggs  
17 Council Member Sheldon Stewart  
18 Council Member Tricia Tingey  
19 Council Member Paul Wayman

20  
21 **City Staff:**

22 Jeff Hawker, Asst. City Manager  
23 Virginia Loader, Recorder  
24 Ryan Carter, City Attorney  
25 Jason Lethbridge, Planning Manager  
26 Trace Robinson, Public Works Director  
27 Jeff Hawker, Asst. City Manager  
28 Lisa Dudley, Finance Director  
29 Rod Norton, Chief UPD Riverton Precinct  
30 UFA Representative

31  
32 **Citizens:** Michael Johnson, Jim Allfrey, Perry Newman, Boy Scout Troops, Issac Wardle, Jason  
33 Wardle, Darla Wardle

34  
35 **1. GENERAL BUSINESS 6:30 PM**

36  
37 **1. Call to Order and Roll Call**

38  
39 **2. Pledge of Allegiance**

40  
41 **3. Presentations/Reports**

42  
43 **1. Recognition of Boy Scout Troops [6:35:27 PM](#)**

44  
45 **2. Recognition of Youngest and Oldest Riverton Resident [6:36:53 PM](#)**

46  
47 Mayor Applegarth recognized Bernice Freeman Lewis as Riverton City's Most Senior Resident.  
She celebrated her 100<sup>th</sup> birthday on November 8, 2014.

Mayor Applegarth recognized Emarie Rose Peebles as the newest Riverton baby born in 2015 at  
the Riverton Hospital. She was born January 1, 2015, to Levi and Amanda Peebles.

1           **4. Public Comments** [6:43:40 PM](#)

2  
3 There were no public comments; therefore, Mayor Applegarth closed the Public Comment  
4 period.

5  
6           **2. PUBLIC HEARINGS**

7  
8                   **Proposed Amendment to the 2014-2015 Fiscal Year Municipal Fee Schedule**

9  
10 [6:45:17 PM](#) Mayor Applegarth presented an Amendment to the 2014-2015 Fiscal Year  
11 Municipal Fee Schedule and explained that proposed changes to the culinary water rates were  
12 owing to the JVVCD contract, which was approved by Council on January 6, 2015. He said the  
13 switch to Conservancy District water will take place on May 1, 2015, the effective date for the  
14 new culinary fees will also be May 1, 2015, to coincide with the change in water. He also said  
15 that residents will see the culinary water rate change on their June bills which will be issued for  
16 May's water usage.

17  
18 [6:50:37 PM](#) Council Member Sheldon Stewart recommended changing the resolution effective  
19 date to May 1, 2015.

20  
21 [6:51:12 PM](#) Mayor opened a Public Hearing and called for public comments.

22  
23 [6:51:29 PM](#) Brandon Baylor asked about the water rate structure and the effective date for the  
24 new water.

25  
26 [6:52:42 PM](#) There being no further comments, Mayor Applegarth closed the Public Hearing.

27  
28                   **Resolution No. 15-05 – Amending the Municipal Fee Schedule for the 2014-2014**  
29 **Fiscal Year**

30  
31 [6:52:54 PM](#) Council Member Sheldon Stewart **MOVED** the City Council approve **Resolution**  
32 **No. 15-05 – Amending the municipal Fee Schedule for the 2014-2014 Fiscal Year effective**  
33 **May 1, 2015**. Council Member Tricia Tingey **SECONDED** the motion. Mayor Applegarth  
34 called for discussion on the motion; [6:53:09 PM](#) Comments were made by Council Members  
35 Paul Wayman, Trent Staggs, and Sheldon Stewart. Mayor Applegarth then called for a Roll Call  
36 Vote. The vote was as follows: Johnson-Yes, Staggs-Yes, Stewart-Yes, Tingey-Yes, and  
37 Wayman-Yes. **The motion passed unanimously.**

38  
39           **3. DISCUSSION/ACTION ITEMS**

40  
41                   **1. Commercial Site Plan, Big-O Tires, 4689 West 12600 South, SP-C Zone, Big-O Tires,**  
42 **Applicant**

43  
44 [7:02:01 PM](#) Jason Lethbridge, Planning Manager, explained that Big-O Tires has requested  
45 Commercial Site Plan approval for property located at 4689 West 12600 South for an 8,700  
46 square foot tire and lube automotive center.

47  
48

1 [7:10:33 PM](#) Questions were asked and discussions were held among Council Members, City  
2 Attorney Ryan Carter and Jason Lethbridge regarding easements, property and fence lines.

3  
4 [7:15:12 PM](#) Council Member Brent Johnson expressed concern regarding parking and access to  
5 12600 South at the time of sports events at that park and discussion continued. Maintenance and  
6 management of the park strip adjacent to the property was also discussed.

7  
8 [7:22:07 PM](#) Council Member Sheldon Stewart **MOVED the City Council approve the Big-O**  
9 **Tires Commercial Site Plan, Application Number PL-14-8004, located at 4689 West 12600**  
10 **South, with the conditions outlined in the Staff Report and a requirement for solid**  
11 **masonry fence on the south side of the property at 6' high, as well as a requirement for the**  
12 **maintenance and management of the park strip adjacent to the property.** Council Member  
13 Trent Staggs **SECONDED** the motion. Mayor Applegarth called for discussion on the motion;  
14 Mayor Applegarth then called for a Roll Call Vote. The vote was as follows: Johnson-Yes,  
15 Staggs-Yes, Stewart-Yes, Tingey-Yes, and Wayman-Yes. **The motion passed unanimously.**

16  
17 **Referenced in the motion are the following conditions forwarded by the Planning**  
18 **Commission:**

- 19 1. Storm drainage systems and accommodation comply with Riverton City standards  
20 and ordinances, and with the recommendations of the Riverton City Engineering  
21 Division.
- 22 2. An interim storm drainage and erosion control plan and an access management  
23 plan be approved by the City prior to any construction or grading on the site.
- 24 3. The site and structures comply with any and all applicable Riverton City  
25 standards and ordinances, including the International Building and Fire Codes.
- 26 4. Lighting, both on the building and in the site shall be designed and installed to  
27 minimize impacts to the surrounding properties.
- 28 5. Any and all rooftop mechanical equipment shall be fully screened from view from  
29 the roadway and surrounding properties.
- 30 6. A six inch concrete mow strip be installed along the western property line.
- 31 7. The parapet match City Ordinance for distance span on a continuous roof line.
- 32 8. Entrance on 12600 South shall be right in/right out only.

33  
34 2. **Resolution No. 15-10 – Lease Agreement with Utah Department of Transportation**  
35 **for 0.8 acres of vacant land located between 1700 W. and 1656 W. and 12600 S.**

36  
37 [7:24:23 PM](#) Mayor Applegarth explained that the State of Utah, Department of Transportation  
38 (“UDOT”) owns fee title to three contiguous parcels of real property located on the northeast  
39 side of the intersection of Redwood Road and 12600 South Street, identified by Salt Lake  
40 County parcel numbers 453-005, 453-006 and 453-007. He said the property is currently  
41 unimproved, tends to collect weeds and refuse, and is unsightly to the Riverton City downtown  
42 area community and any improvement to the property would enhance the visual appearance of  
43 the Riverton City downtown area. He then presented an exhibit of the site and UDOT’s  
44 requirements.

45  
46 [7:30:44 PM](#) Council Members discussed proposed costs for sod and annual maintenance on the  
47 UDOT property.

48

1 [7:36:22 PM](#) Mayor Applegarth stressed that importance of not violating UDOT's setback  
2 requirements as indicated on the exhibit.

3  
4 [7:37:09 PM](#) Discussions were held regarding the proposed lease agreement.

5  
6 [7:54:37 PM](#) Council Member Paul Wayman said that he was not in favor of the City paying to  
7 water the grass on that property and discussion continued.

8  
9 [7:57:26 PM](#) Council Member Trent Staggs **MOVED the City Council adopt Resolution No.**  
10 **15-10 – Approving a lease agreement with Utah Department of Transportation for 0.8**  
11 **acres of vacant land located between 1700 W. and 1656 W. and 12600 S. with the condition**  
12 **that the City not incur an expense greater than the cost of grassing, irrigation and ongoing**  
13 **maintenance.** Council Member Sheldon Stewart **SECONDED** the motion. Mayor Applegarth  
14 called for discussion on the motion; [7:58:04 PM](#) Council Member Paul Wayman spoke and then  
15 [7:58:22 PM](#) made a **SUBSTITUTE MOTION** and **MOVED to table the resolution for 30**  
16 **days and find out actually how much it is going to cost to put in the irrigation and other**  
17 **ongoing maintenance so we understand the full cost if it's going to be \$100,000 of if it's**  
18 **going to be another \$50,000 to put all the stuff in or \$10,000, whatever.** Council Member  
19 Tricia Tingey **SECONDED** the motion. [7:59:03 PM](#) Mayor Applegarth called for discussion on  
20 the motion. Council Member Staggs spoke and discussion occurred regarding proposed costs.  
21 [8:03:45 PM](#) Mayor Applegarth then called for a Roll Call Vote. The vote was as follows:  
22 Johnson-No, Staggs-Yes, Stewart-No, Tingey-Yes, and Wayman-Yes. **The motion passed 3 to**  
23 **2.**

24  
25 [8:05:16 PM](#) Discussion ensued and a contractor's cost for improvements and maintenance to the  
26 UDOT property was estimated at the cost of \$2.00 per square foot.

27  
28 [8:11:27 PM](#) Council Member Sheldon Stewart made a motion, which he withdrew and then  
29 [8:13:54 PM](#) **MOVED to adopt Resolution No. 15-10 – Approving a lease agreement with**  
30 **Utah Department of Transportation for 0.8 acres of vacant land located between 1700 W.**  
31 **and 1656 W. and 12600 S., and directing the Mayor to spend no more than \$60,000 to make**  
32 **improvements to the subject property.** Council Member Tricia Tingey **SECONDED** the  
33 motion. Mayor Applegarth called for discussion on the motion; [8:18:02 PM](#) Comments from  
34 Council Member Trent Staggs. Mayor Applegarth then called for a Roll Call Vote. The vote was  
35 as follows: Johnson-Yes, Staggs-Yes, Stewart-Yes, Tingey-Yes, and Wayman-No. **The motion**  
36 **passed 4 to 1.**

#### 37 38 **4. CONSENT AGENDA**

39  
40 [8:19:31 PM](#) Mayor Applegarth presented the following Consent Agenda:

- 41
1. **Minutes:** RCCM 01-13-15
  2. **Bond Releases:** N/A
  3. **Resolution No. 15-06** - Authorizing the Mayor to enter into an Agreement with Lance Blackwood to continue his service as the Riverton City Manager
  4. **Resolution No. 15-07** – Reappointing Scott Kochevar to the Riverton City Planning Commission

5. **Resolution No. 15-08** – Appointing Jim Allfrey to the Riverton City Board of Adjustments
6. **Resolution No. 15-09** – Approving the execution of a Franchise Agreement between Riverton City and Syringa Networks, LLC for Voice, Data or Video Transmission Services

1  
2 [8:19:54 PM](#) Council Member Sheldon Stewart **MOVED to remove the minutes of RCCM 01-**  
3 **13-15 from the Consent Agenda.** Council Member Trent Staggs **SECONDED** the motion.  
4 Mayor Applegarth called for discussion on the motion; he then called for a Roll Call Vote. The  
5 vote was as follows: Johnson-Yes, Staggs-Yes, Stewart-Yes, Tingey-Yes, and Wayman-Yes.  
6 **The motion passed unanimously.**

7  
8  
9 **1. Minutes: RCCM 01-13-15**

10 [8:20:21 PM](#) Council Member Sheldon Stewart **MOVED to approve the minutes of RCCM 01-**  
11 **13-15 with the correction that at 8:33:30 PM that in my statements I move that we, and**  
12 **clarify the language, add in the Strategic Plan what has been presented on the**  
13 **Organizational Chart for a Fully Operational Park Department.** Council Member Trent  
14 Staggs **SECONDED** the motion. Mayor Applegarth called for discussion on the motion; he then  
15 called for a Roll Call Vote. The vote was as follows: Johnson-Yes, Staggs-Yes, Stewart-Yes,  
16 Tingey-Yes, and Wayman-Yes. **The motion passed unanimously.**

17 [8:21:22 PM](#) Council Member Trent Staggs **MOVED the City Council approve Consent**  
18 **Agenda Items 4.2 through 4.6.** Council Member Sheldon Stewart **SECONDED** the motion.  
19 Mayor Applegarth called for discussion on the motion; he then called for a Roll Call Vote. The  
20 vote was as follows: Johnson-Yes, Staggs-Yes, Stewart-Yes, Tingey-Yes, and Wayman-Yes.  
21 **The motion passed unanimously.**

22  
23 Mayor Applegarth said that City Manager Lance Blackwood was excused from the meeting.

24  
25 **5. STAFF REPORTS – Asst. City Manager Jeff Hawker** [8:21:48 PM](#) – No reports

26  
27 **6. ELECTED OFFICIAL REPORTS** [8:22:06 PM](#)

28  
29 [8:22:30 PM](#) Mayor Applegarth

30 Live audio streaming  
31 Meeting with President of Salt Lake Community College  
32 HB 93 – re. School District Splits  
33 B&C Road Funds  
34 City Manager form of Government by Ordinance

35  
36 [8:42:12 PM](#) Council Member Brent Johnson

37 Riverton High School Senior Students

38  
39 [8:46:05 PM](#) Council Member Trent Staggs

40 Jordan River Commission  
41 Salt Lake Valley Law Enforcement Service Area (SLVLESA) – Appointed Vice Chair

1 Development Process – Review and streamline development process with a flow chart  
2 from application through site plan approval in an effort to determine bottle necks.

3  
4 [8:54:40 PM](#) The City Council Meeting on February 24<sup>th</sup> was scheduled to include a report from  
5 Staff with discussion regarding the development process.

6  
7 [8:56:49 PM](#) **Council Member Sheldon Stewart**

8 Incident on 13400 South and Bangerter – Chief Norton  
9 Participation in RHS Hope Walk  
10 Unified Fire Authority – Appointed Vice Chair  
11 Unified Fire Service Area  
12

13 [9:02:22 PM](#) **Council Member Tricia Tingey**

14 Increased activity north of High School – Chief Norton  
15 Illegal business on property in District 2  
16 Trees – not supportive of putting trees in her area prior to hiring an Urban Forester  
17

18 [9:06:59 PM](#) **Council Member Paul Wayman**

19 Website Utah.Gov  
20 Fee Structure and Water Rates – look at alternatives to reduce rate  
21 Zoning qualifications  
22

23 [9:11:32 PM](#) Jason Lethbridge spoke regarding planning processes.  
24

25 [9:13:58 PM](#) Mayor Applegarth recommended scheduling March 3, March 17, and March 24 for  
26 Planning Issues. Council Member Sheldon Stewart requested discussion of the extension of the  
27 downtown zoning. The Planning Commission will be invited to the meeting.  
28

29 [9:15:24 PM](#) Paul Wayman continued and requested more definition for solid masonry walls  
30

31 [9:18:37 PM](#) Mayor Applegarth introduced Jim Allfrey, newly appointed Board of Adjustment  
32 Member.  
33

34 **7. UPCOMING MEETINGS** [9:20:34 PM](#)  
35

36 Mayor Applegarth reviewed the following upcoming meetings:  
37

1. January 27, 2015 – 6:30 p.m. – Regular City Council Meeting/Strategic Planning
2. February 3, 2015 – 6:30 p.m. – Regular City Council Meeting/Strategic Planning
3. February 17, 2015 – 6:30 p.m. – Regular City Council Meeting
4. February 24, 2015 – 6:30 p.m. – Regular City Council Meeting

38  
39 [9:20:57 PM](#) Break  
40

41 **8. 2015 STRATEGIC PLANNING** [9:38:44 PM](#)  
42

43 **1. Presentation regarding 2015 Strategic Plans**  
44

## 1. Lovers' Lane

[9:39:09 PM](#) Trace Robinson, Public Works Director, presented information regarding Lovers Lane and the slope stability of a hillside along that lane. The issues he addressed were as follows:

- Multi Year Project
- Construction by Development
- Pioneering Agreements where applicable
- Costs estimated without full engineering
- Not Impact Fee Eligible

[9:47:42 PM](#) Ryan Carter spoke about the River Springs Estates Subdivision on Lovers Lane, the slope stability, canal bank stability, and a possible drainage study.

[10:00:00 PM](#) Mayor Applegarth said the Lovers Lane slope stability has risen to a priority of safety.

[10:00:18 PM](#) Ryan Carter spoke of canal companies in that area and their possible participation.

[10:07:51 PM](#) Trace Robinson said that the City has delayed the developer of the subdivision due to a study that needs to be conducted.

[10:10:28 PM](#) Lengthy discussion ensued regarding Lovers Lane, retaining walls, public right of way, and bridge reconstruction.

[10:27:26 PM](#) Mayor recommended the following steps in addressing the stability of the hillside at Lover's Lane:

1. Study the stability and the safety factor of the hill at Lover's Lane, which will occur in the 2014-2015 Fiscal Year Budget.

[10:28:18 PM](#) Comments by Council Member Brent Johnson

2. Consider Lover's Lane mitigation in the 2015-2016 Fiscal Year Budget.
3. Mayor Applegarth requested Ryan Carter and Trace Robinson to craft a statement regarding a study for the stability of the hill at Lover's Lane for Council's approval and bring back next week for approval.

[10:32:09 PM](#) Council Member Sheldon Stewart recommended the City initiate a study and have a discussion after the study is complete to establish a mitigation plan.

## 9. ADJOURN

[10:32:51 PM](#) Council Member Trent Staggs **MOVED the City Council adjourn.** Council Member Sheldon Stewart **SECONDED** the motion. Mayor Applegarth called for discussion on the motion; there being none, he called for a Roll Call Vote. The vote was as follows: Johnson-Yes, Staggs-Yes, Stewart-Yes, Tingey-Yes, and Wayman-Yes. **The motion passed unanimously and the Regular City Council Meeting adjourned at 10:32 p.m.**

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Virginia Loader, MMC

Recorder

Approved: Pending Minutes

Pending Minutes

**RIVERTON CITY, UTAH**  
**RESOLUTION NO. 15-11**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF RIVERTON, UTAH,  
ENCOURAGING THE STATE OF UTAH TO ADDRESS COMPREHENSIVE  
TRANSPORTATION FUNDING**

**WHEREAS**, a safe and efficient transportation system creates the foundation for economic growth and improved quality of life; and

**WHEREAS**, the creation and maintenance of transportation infrastructure is a core responsibility of State and local government; and

**WHEREAS**, Utah's population is expected to grow by 1 million residents by 2040; and

**WHEREAS**, Utah's residents demand new comprehensive transportation options such as bike lanes, multi-use paths, off-road trails and transit in addition to traditional roads; and

**WHEREAS**, research from the Utah Department of Transportation indicates that road maintenance efforts save cities from road rehabilitation that costs six times as much as maintenance, and saves cities from road reconstruction that costs ten times as much as maintenance, and

**WHEREAS**, investing in transportation results in tremendous economic development returns for both municipalities and the state; and

**WHEREAS**, improving comprehensive transportation in Utah will reduce private vehicle usage which will in turn lead to improved air quality; and

**WHEREAS**, poor air quality discourages economic development, business recruitment and tourism visits, and contributes to health ailments; and

**WHEREAS**, investing in safe and connected trails, bike lanes, sidewalks, and multi-use paths will encourage Utahns to be more active, spend more time with their families via active transportation, and result in improved personal and community health; and

**WHEREAS**, Utah has led the nation in creating a Unified Transportation Plan to address these comprehensive transportation and quality of life issues and the City now asks the State and local governments to work together to find comprehensive funding solutions that will address transportation, economic development, air quality, and health needs.

**NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF RIVERTON, UTAH:**

**SECTION 1. Comprehensive Transportation Funding.** The City Council supports proposals which meet comprehensive local transportation needs, promote the Unified Transportation Plan, and provide for future growth. The City supports studying a transportation funding option which would allow for the statewide implementation of a quarter cent (\$0.0025) local options sales tax to be used for transportation. The City also supports studying motor fuel taxes, "B and C" road funding, and other transportation funding options. The City requests the Utah Legislature to carefully examine all funding options.

**SECTION 2. Comprehensive Transportation Options.** The City supports the expansion of the uses for which transportation funding can be spent to reflect the individual needs and discretion of local governments. Transportation, air quality, and public health can be enhanced when active transportation and transit are eligible for transportation funding. Examples of items that could be eligible may include trails, bike lanes, sidewalks, safety equipment, traffic calming, signage, and lighting. Investment in active transportation options will encourage residents to travel via walking, biking, and transit, result in a healthier population, reduced car emissions, decreased health care costs, and improved quality of life. The City supports additional funding mechanisms that will result in expanded active transportation infrastructure. The City also supports continued investment in public transit as outlined in Utah’s Unified Transportation Plan. Transit can help relieve traffic, promote walkable communities, and improve air quality.

**SECTION 3. Coordinating Efforts.** The City encourages City staff to work with State elected officials, the Utah Transportation Coalition, and the Utah League of Cities and Towns.

**SECTION 4. Distribution of this Resolution.** A copy of this resolution shall be sent to the Governor, the President of the Utah State Senate, the Speaker of the Utah House of Representatives, the municipality’s State Senators and State House Representatives, and the Executive Director of the Utah League of Cities and Towns.

**SECTION 5. Effective Date.** This Resolution shall become effective upon passage.

**PASSED AND ADOPTED** by the City Council of Riverton, Utah, and this 27<sup>th</sup> day of January 2015 by the following vote:

	YES	NO	ABSTAIN	ABSENT
City Council Member Brent Johnson	_____	_____	_____	_____
City Council Member Trent Staggs	_____	_____	_____	_____
City Council Member Sheldon Stewart	_____	_____	_____	_____
City Council Member Tricia Tingey	_____	_____	_____	_____
City Council Member Paul Wayman	_____	_____	_____	_____

**RIVERTON CITY**

[SEAL]

**ATTEST:**

\_\_\_\_\_  
**Bill Applegarth, Mayor**

\_\_\_\_\_  
**Virginia Loader, MMC**  
**Recorder**

# STORMWATER UTILITY

Council Presentation Strategic Plan 1/27/2015



# New EPA Requirements

- Pre-Development vs. Post-Development Runoff Volumes
- Low Impact Development (LID)
- Buffer Zone Requirements

# Street Sweeper



# Catch Basin Maintenance



# Storm Drain Maintenance



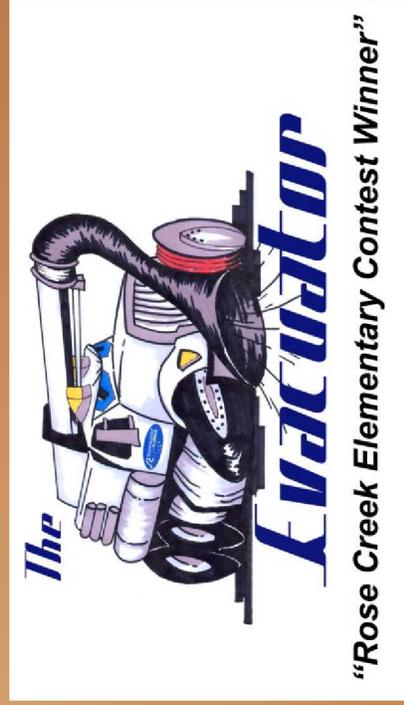
# Desilting Structures



# Retention & Detention Basins



# Public Outreach



"Rose Creek Elementary Contest Winner"



# Camera Truck

- East Riverton Drainage District
- Required under UPDES/IDE Permit
- Routine Maintenance Inspection



# Stormwater Utility Operations

Stormwater Operation		July 1st to Date		Notes
		Service (Unit)		
Sweeping and Jet Truck Waste		225.73	tons	
Safety related inlet inspections and repairs		61	inlets	Regular storm related operations and public calls. Clearing grates and repairs
Responded to Spills		3	ea	
Inlets Cleaned		115	ea	
City Swept		5	cycles	
Stormwater Written Inspections		175	ea	
Follow up Stormwater inspections		210	ea	
Stormwater Inspections		240	ea	Regular visits to ensure no significant problems
NOV		14	ea	
Holds		14	ea	

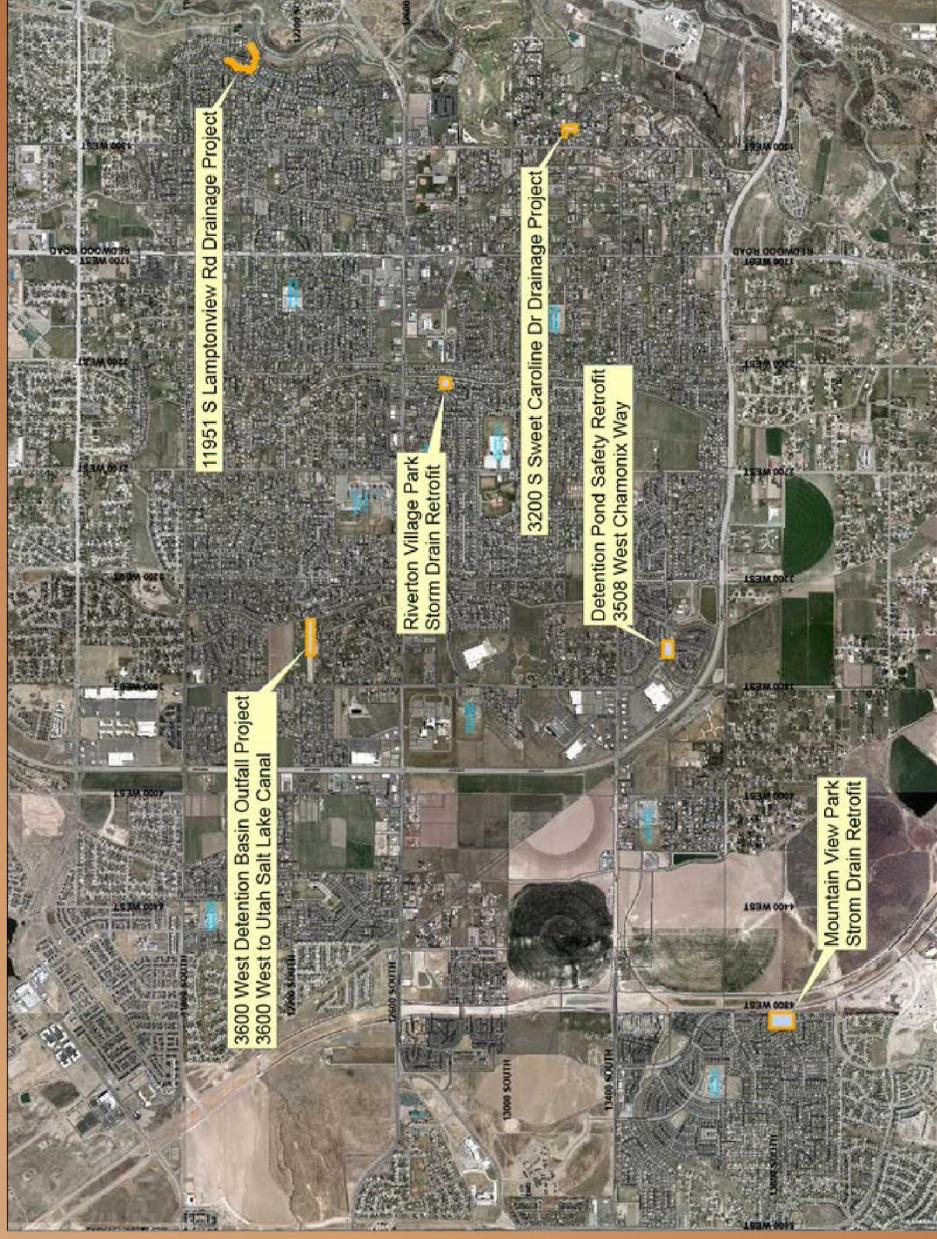


# Flooding August 2010





# Stormwater Projects From 2014/2015 CIP Projects Program





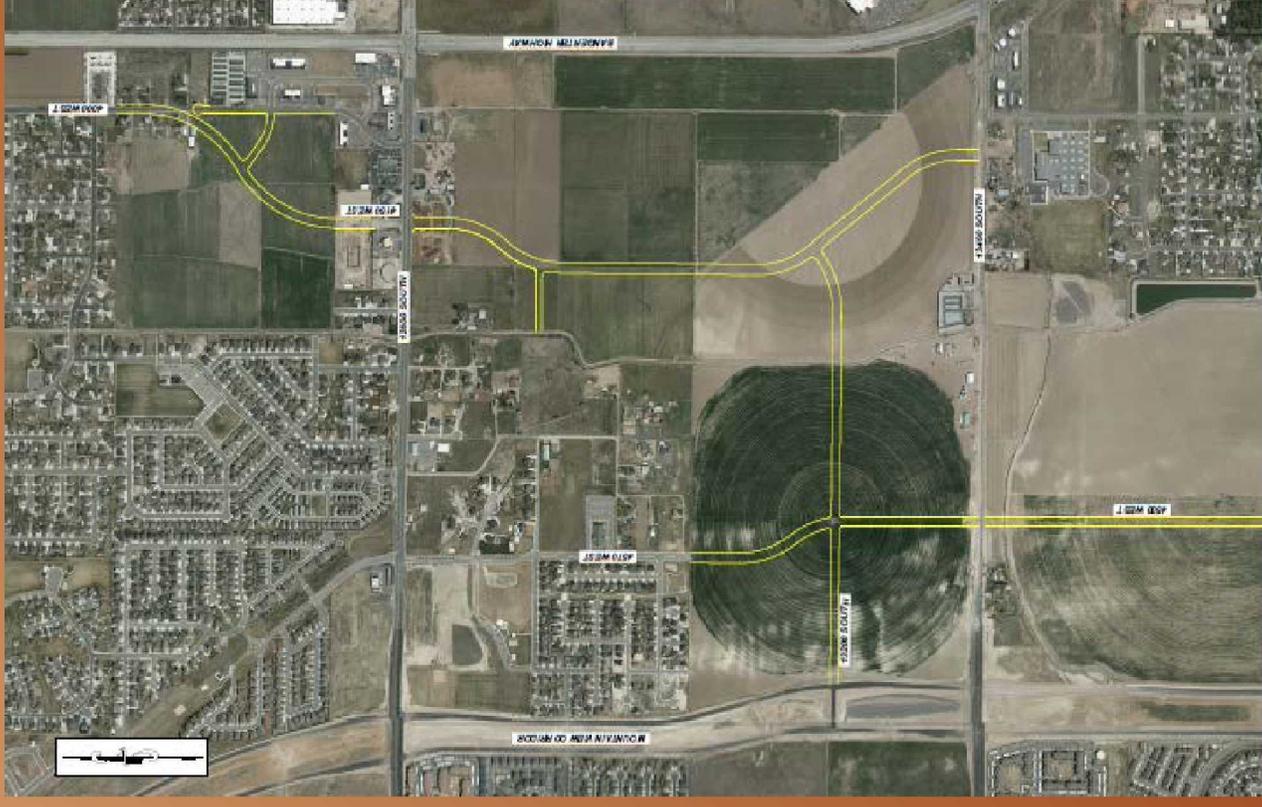
# Stormwater Utility Proposed 5 Year Plan Capital Projects

Right of Way Purchase		2014/2015 Current Year		2015/2016	
Project Name	From To	Fund Type	Amount	Fund Type	Amount
Foothills Park Outfall Project					
			\$40,000		
	Total Right of Way		\$40,000		\$0
<b>Construction</b>					
<b>Projects East of Bangerter</b>					
11951 S Lampton View Drainage Project			\$181,000	Fund 65	\$181,000
Butterfield detention Pond			\$0		
4000 West Strom Drain	11800 South 12000 South		\$177,000		
Sweet Caroline Drive			\$53,000	Fund 65	\$53,000
			\$0		
			\$0		
11811 South Storm Drain			\$74,000		
<b>Projects West of Bangerter</b>					
Foothills Park Outfall Project **			\$0		
5040 W Cedar Point Peak Drive			\$13,000		
				Fund 65	\$13,000
Western Western Commercial District			\$1,800,000		
			\$0		
			\$200,000	Fund 65	\$25,000
			\$2,498,000		\$1,238,000
	Total Construction		\$2,498,000		\$259,000
<b>Project Services</b>					
Engineering Fees	Project design and construction		\$0	Fund 66 *	\$0
			\$154,600	Fund 65	\$43,800
	Total Project Services		\$154,600		\$43,800
	Grand Total		\$2,692,600		\$284,900
					\$1,281,800

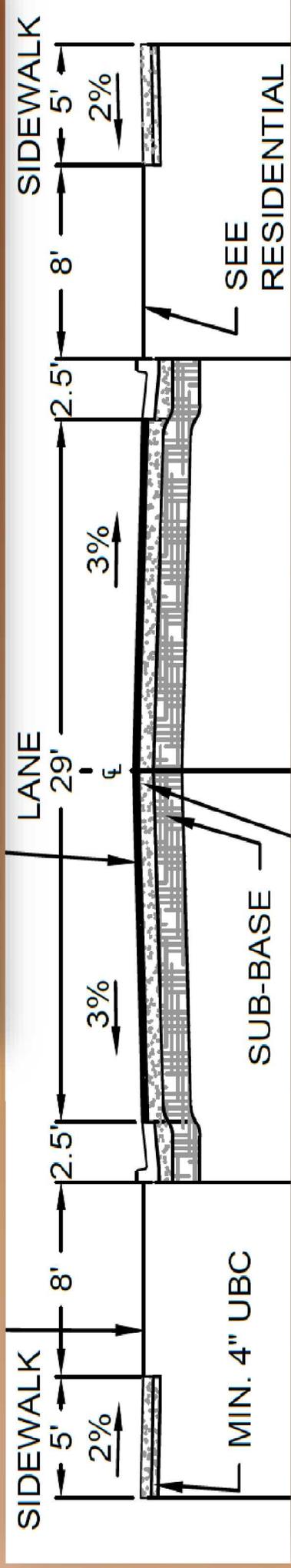
# WCD Stormwater Projects 2015/2016

Allowable SW Discharge =.1 CFS/acre  
The Remainder to be detained or  
retained on site

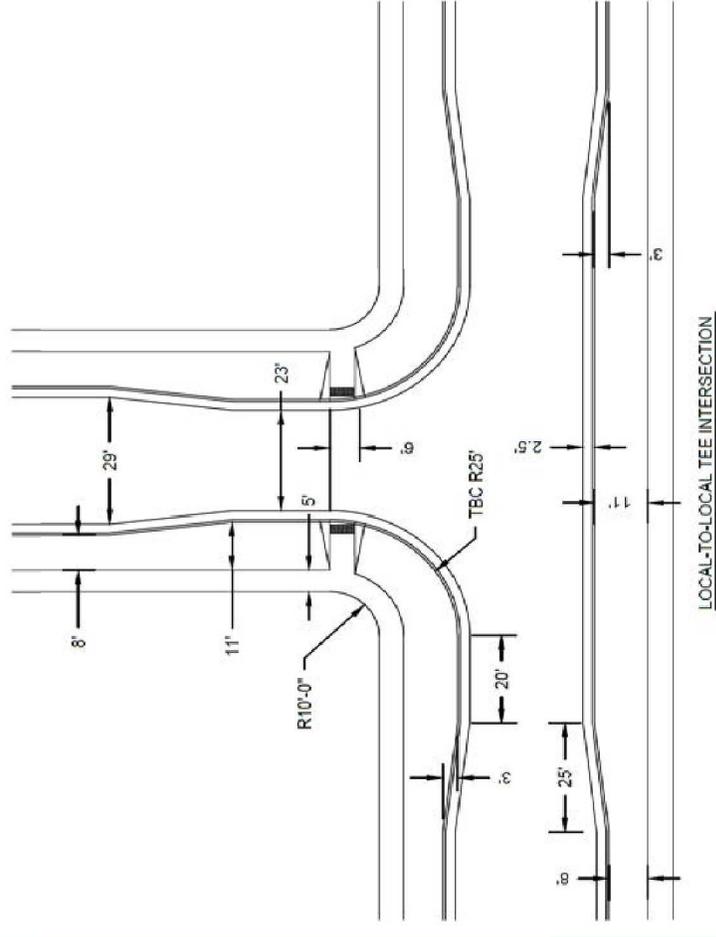
- 4150 West Storm Drain and Detention Area
- 13200 South Storm Drain and Detention Area
- 4570 West Storm Drain and Detention Area



# Residential LID Street

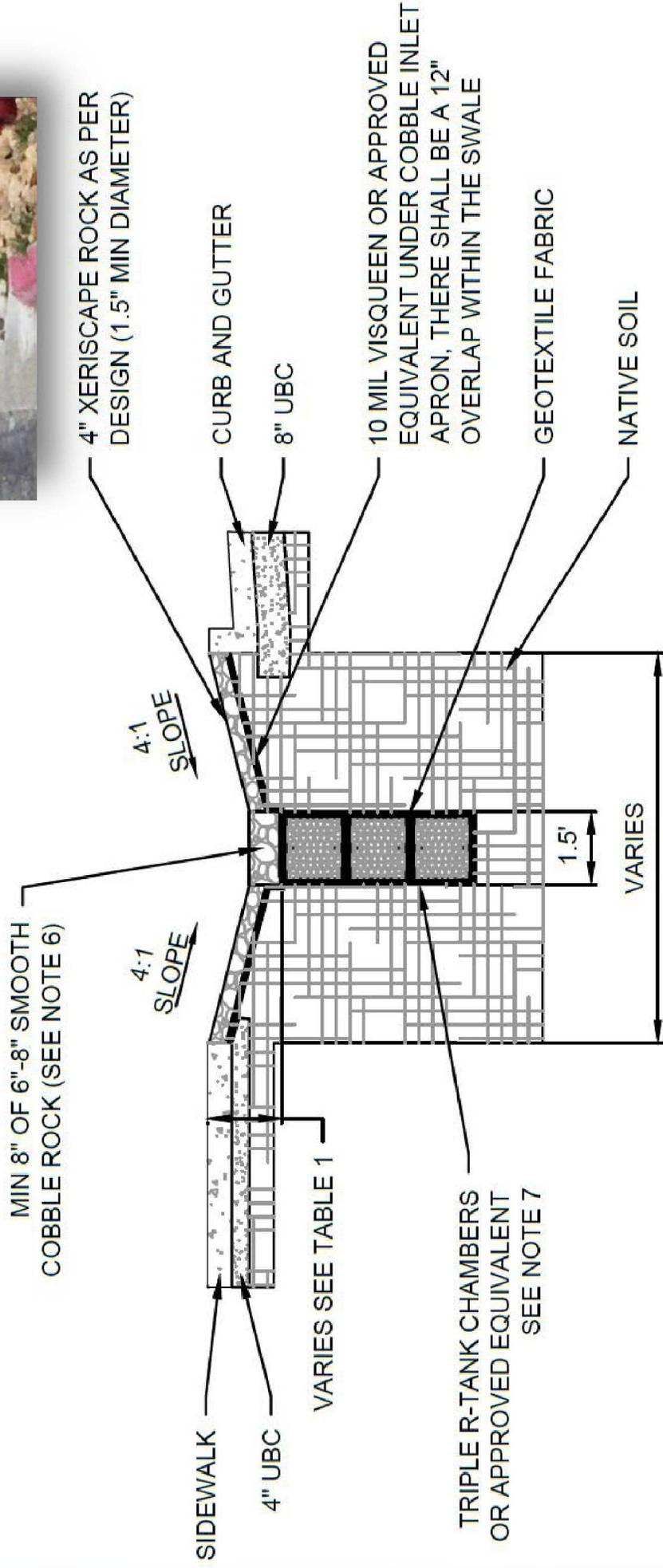


- Reduce Impervious Area
- Reduced Width Intersections





# Collector/Arterial Xeriscape LID Street

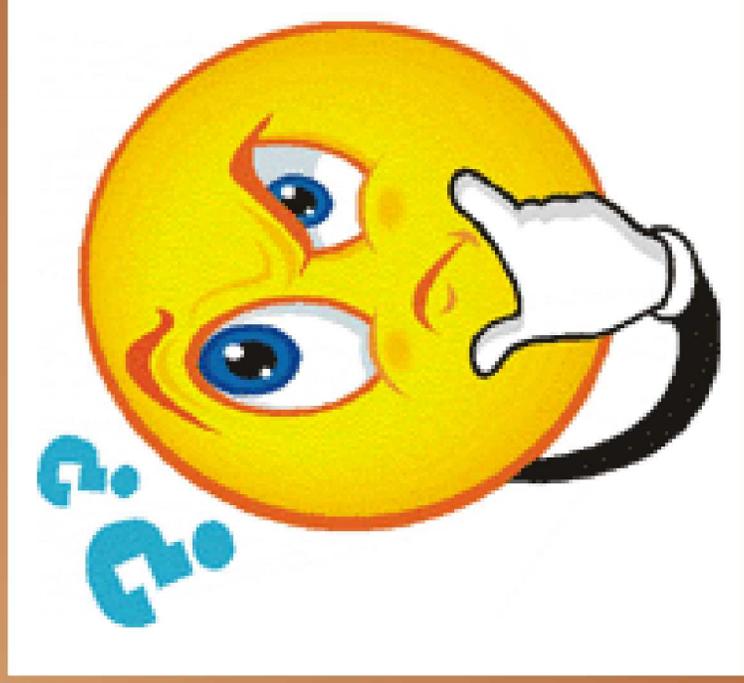


# LID Storm Water System

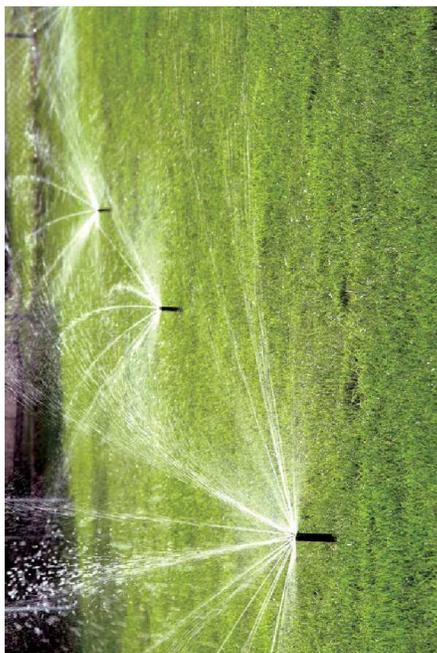
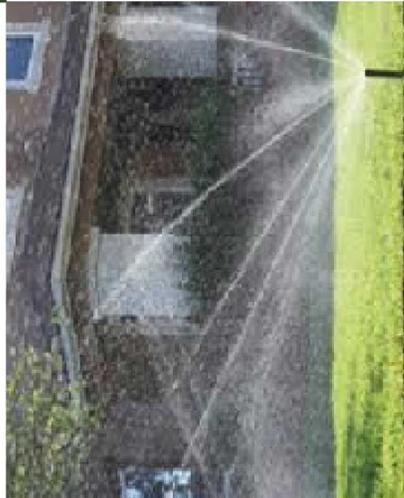
- Always Overflow
- LID Trunklines (Storm Tech?)
- 95% LID Detention Basins (Outlet Design)
- Sumps and Groundwater



Questions???



# Strategic Planning – Secondary (PI) Water



# Secondary (PI) Water

- Where have we been?
- Where are we now?
- Where are we going?

# Where Have We Been?

- Secondary System Installation Began in 2002 (?)
- System designed to deliver 19 million gallons per day (MGD)
- Storage Reservoirs and a Tank were added as system grew
- Pump Stations
- Filtering Stations

## Where Are We Now?

- 155 Miles of Pipeline
- 3 Reservoirs and a Tank
  - Black Ridge Reservoir
  - 3200 Reservoir
  - 4200 Reservoir
  - 4800 Tank
- 9 Pump and Filtering Stations
- Designed for 19 Million Gallons per Day (Delivering 35 MGD at peak)



# Where Are We Going?

- Even though we currently have sufficient Water Rights, the delivery system will soon be inadequate to deliver the increasing demand if we don't change the way the water is being used.
- Options include:
  - Increase distribution system (not economically feasible)
  - Reduce per capita consumption (education)
  - Reduce system demands (scheduling?)
  - Conservation (ie: xeriscaping, reduction of “over-watering”, etc.)

# Where Are We Going?

- Initiate Metering of System with approval of City Council (new developments and City-owned properties):
  - Change the way the water is being used.
  - Reduce per capita consumption (education)
- Other Options to consider:
  - Increase distribution system (not economically feasible)
  - Reduce system demands (scheduling of “turns”)
  - Conservation (ie: xeriscaping, Low-Impact Development (LID), etc.)



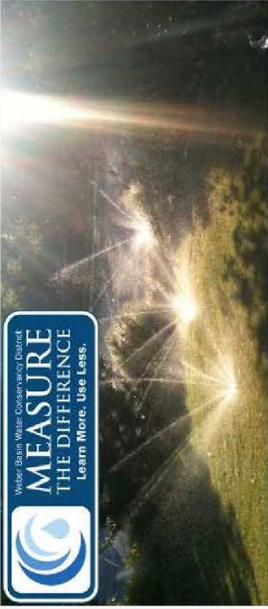
1/27/2015

Public Works Strategic Planning



METER PROJECT

Updated 11 February 2014



### Project Overview

In partnership with the Bureau of Reclamation, State of Utah and Utah State University, Weber Basin Water Conservancy District has started installing secondary water meters in several areas within the District service area beginning March 2011. The meter project is important in helping water users to be accountable and know how much water they are using for irrigation needs on their properties. The meter project incorporates providing and users with a water usage statement each month. The statement provides enough information to assist in the more efficient management of irrigation water compared to real time weather for that same period of use and estimations for use based on property size, lawn irrigation needs and local factors that contribute to irrigating efficiently. The new meters are also part of a broader water conservation effort that has the goal of educating and informing residents how to be more efficient and effective with their water.

We are fortunate to have a wonderful water supply and thanks to the efforts and foresight of previous generations, we are the recipients of water supply that serves a host of uses from recreation and wildlife habitat to the treatment and use of every resident, business and industry in Weber Basin's service area. Water really is a driving force of the economy and will continue to be such if we manage and use that water supply appropriately. Future water may be needed, but the most effective use of current water supplies is of top priority which is why the need to meter and have accountability is necessary.

### Project Benefits

- A new valve will be installed on all connections that receive a meter. A new valve will improve Weber Basin's ability to minimize disruptions to your service.
- The District wants all water users to be aware of their secondary water usage.
- Each resident will receive a monthly water usage report, detailing their usage and providing additional information to help manage water use efficiently.
- Meters will facilitate larger water system and water distribution management for all areas.
- Meters are part of a broader water conservation program and education effort which will tie in with all other conservation programs and services.
- Understanding secondary water usage and promoting conservation is the key to using our limited water supply wisely and planning for our future.

Weber Basin Water Conservancy District participates on the Utah Governor's Water Conservation Team with all other large water providers in the state. In January of 2013, the Governor emphasized a goal to reduce water usage in Utah by 25 percent per capita by 2025. We support and need to do our part in the achievement of that goal which will allow our water supply to remain adequate for years to come.

### Project Impacts

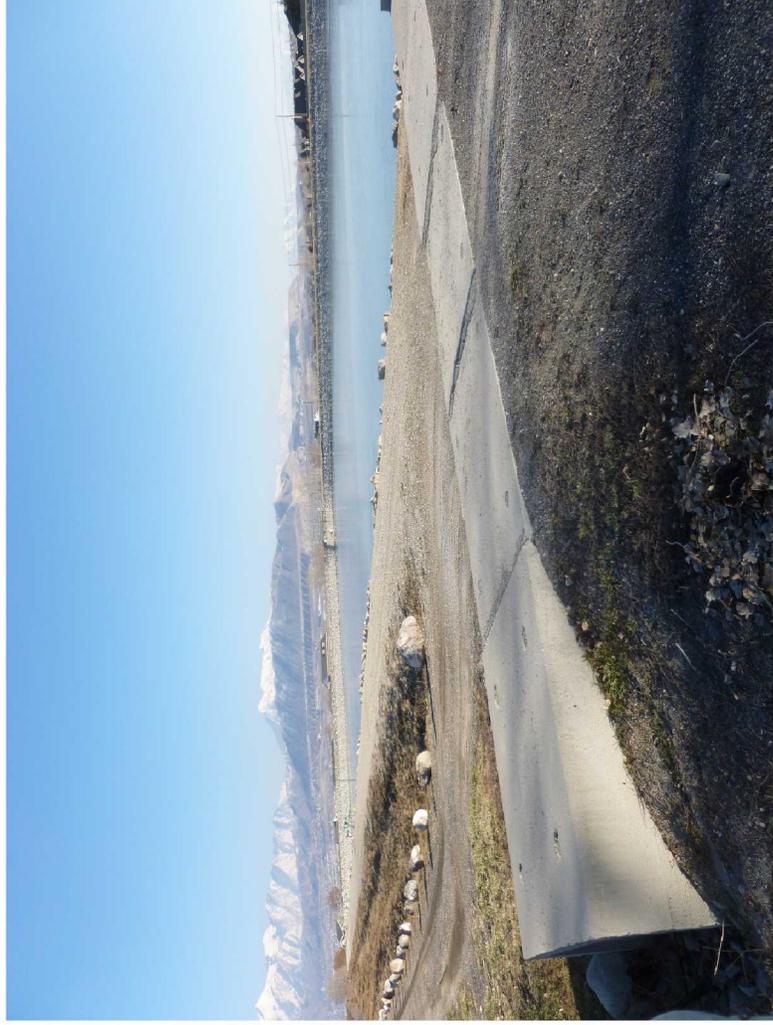
There will be very few direct impacts to you as a water user by having a meter installed on your connection. The following bulleted items outline some of the minimal impacts that may exist during meter installation and the effects after.

- The meter project is important in helping water users to be accountable and know how much water they are using for irrigation needs on their properties.
- The new meters are also part of a broader water conservation effort that has the goal of educating and informing residents how to be more efficient and effective with their water.
- Understanding secondary water usage and promoting conservation is the key to using our limited water supply wisely and planning for our future.

# Parks: Culinary to PI Change-out(???)



# 3200 West Reservoir



# Transportation



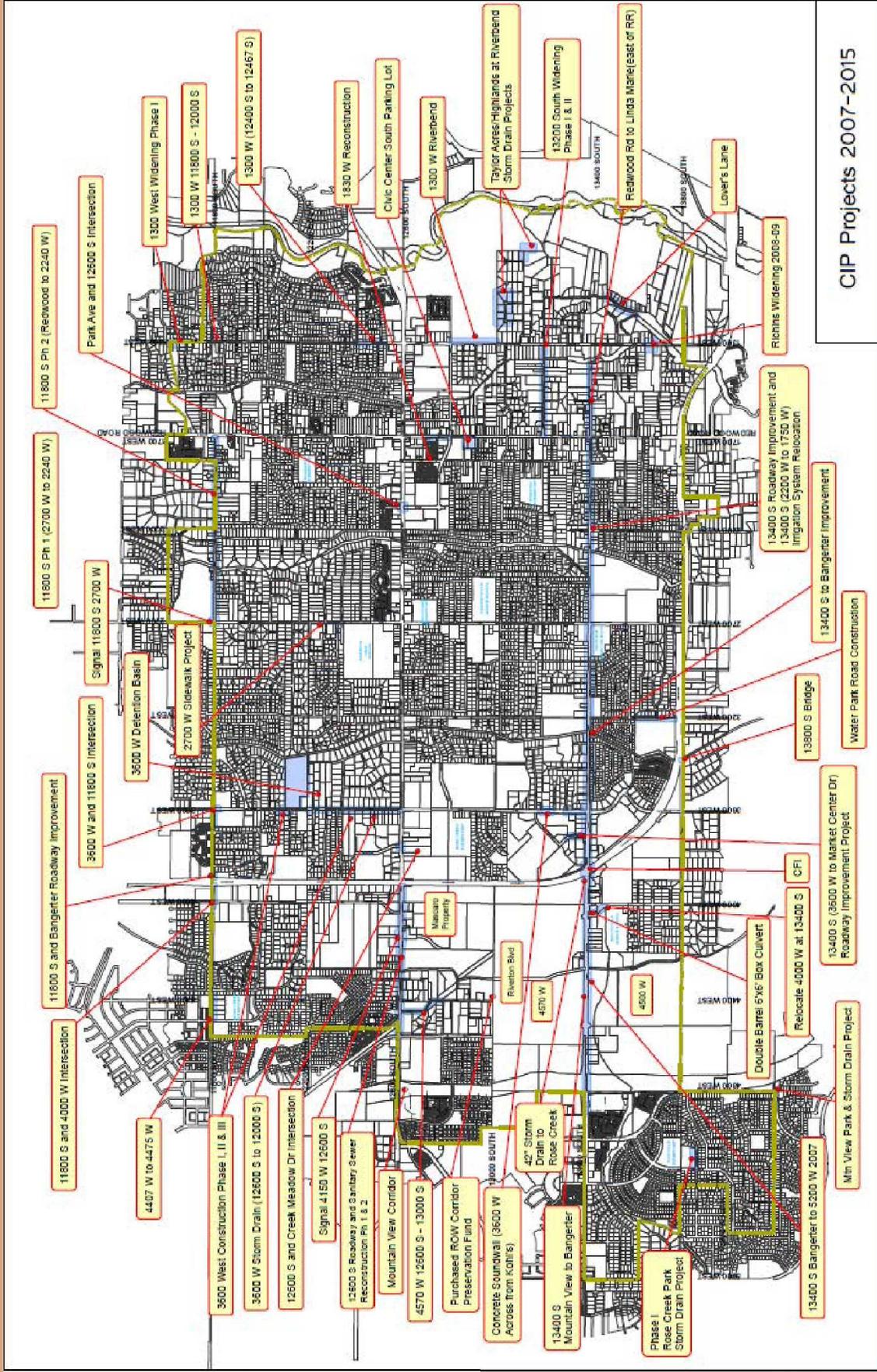
2008 Riverton City Begin the Strategic  
Planning Process and Developed 5  
Year Plans to Provide Infrastructure to  
Facilitate City Growth and Prepare the  
Western Commercial District for  
Development



# OUTSIDE FUNDING

2009	Corridor Preservation #1	\$556,500
2009	Corridor Preservation #2	\$423,000
2009	STP Funding	\$7,679,000
2009	Legislative Appropriation #1	\$1,500,000
2009	Corridor Preservation #3	\$211,200
2011	Legislative Appropriation #2	\$1,500,000
2012	Legislative Appropriation #3	\$1,250,000
2013	Corridor Preservation #4	\$133,000
2013	Legislative Appropriation #4	\$1,500,000
2014	Corridor Preservation #5	\$330,000
	TOTAL	\$15,082,700

# CIP Projects Completed 2007-2015



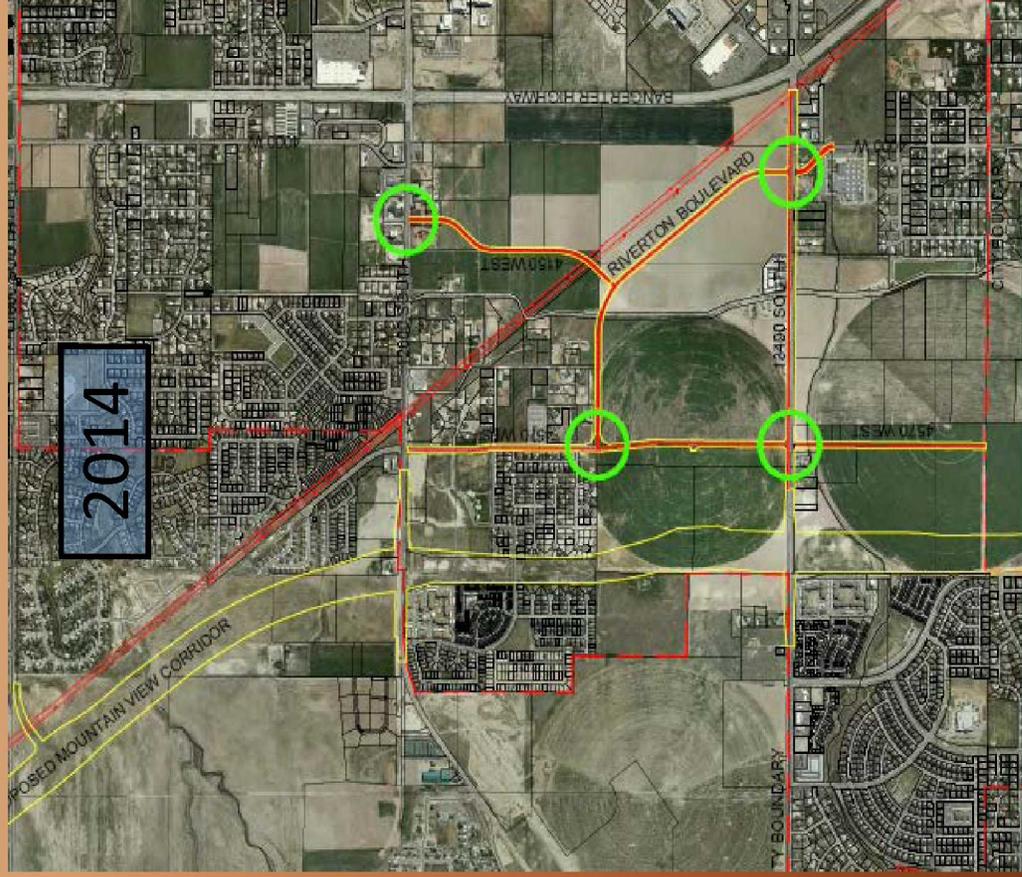
CIP Projects 2007-2015

# Transportation Projects Completed 2014 (New Construction)

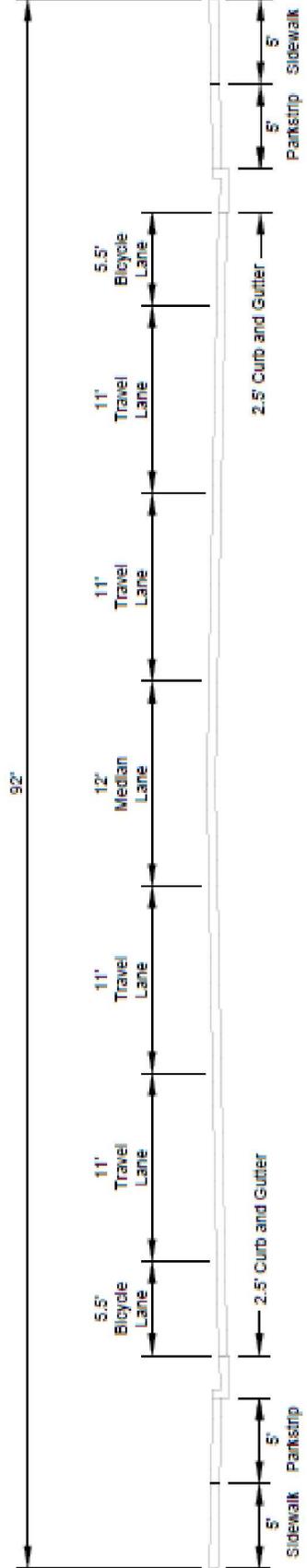
- Traffic Signal 4150 West 12600 South 2014
- Purchased ROW 4150 West 12600 S to Dutchman Lane
- Purchased ROW 4570 West 12600 S to 13000 South
- Design and Construct 4570 West 12600 South to 13000 South
- 2700 West Sidewalk Project, 12265 S to 12345 S
- Relocate Signal 2700 W 11800 S, NE Corner

# WCD PROJECTS STATUS TO DATE

## Modifications to WCD Road Alignments



# 4150 West



**4150 WEST**  
**92 FOOT TYPICAL SECTION**  
NOT TO SCALE

# Western Commercial District Infrastructure

## Mountain View Frontage Roads

13400 South, Bangerter to Mountain View

Continuous Flow Intersection (CFI) At Bangerter and 13400 South

4570 West, 13200 South to 13400 South

Riverton Blvd, 4570 West to 13400 South

4150, West 12600 South to 13200 South

4500 West, 13400 South to 13800 South

Realign intersection 4000 West 12600 South to 4150 West

Construct Roundabout 4150 13200 South

Realign intersection 4000 West 13400 South to 4150 West

Extend 13800 West to Mountain View

Construct 42" Storm Drain Crossing 13400 South @ Bangerter Highway

Construct Bridge 4050 West 13450 West (Rose Creek)

Construct Bridge 13400 South 4300 West (Welby Jacobs Canal)

Construct Bridge 13200 South 4200 West (Welby Jacobs Canal)

Construct new Signalized intersection at 4150 West, 12600 South

Construct new Signalized Intersection at 4500 West, 13400 South

Construct new Signalized Intersection at 4050 West, 13400 South

Mountain View Frontage Roads and Intersections

Underground Utility Work on 13400 South Bangerter to Mountain View

Construct Sewer, Culinary, Secondary, and Storm Water Infrastructure

# WCD Transportation Tasks Completed 2014

The screenshot shows a spreadsheet with the following columns: Project Name, Location, Status, and Completion Date. The 'Status' column contains entries like 'Completed' and 'In Progress'. The 'Completion Date' column shows dates such as '12/31/2014'.

Project Name	Location	Status	Completion Date
Purchase ROW 4570 12600 South to 13000 South	South	Completed	12/31/2014
Designed and Constructed 4570 West 12600 South to 13000 South	South	Completed	12/31/2014
Purchase ROW 4150 West 12600 South to Dutchman Lane	Dutchman Lane	Completed	12/31/2014
Construct Traffic Signal 4150 West 12600 South 2014	South 2014	Completed	12/31/2014

- Purchase ROW 4570 12600 South to 13000 South
- Designed and Constructed 4570 West 12600 South to 13000 South
- Purchase ROW 4150 West 12600 South to Dutchman Lane
- Construct Traffic Signal 4150 West 12600 South 2014

# Transportation Tasks & Projects 2015

The image shows a spreadsheet titled "Transportation Projects Western Commercial District" with columns for project name, location, status, and other details. The data is organized into a grid with blue headers and various colored cells.

Project Name	Location	Status	Other Details
Construct 1900 West 11800 South to 11900 South	1900 West 11800 South to 11900 South	Master Plan Lovers Lane	
Evaluate S Turn Bridge 1300 West	1300 West		
WCD-Obtain ROW 4150 West Dutchman Lane to 13000 South (PRI Property Boundary)	4150 West Dutchman Lane to 13000 South		
WCD- Design and Constructed 4150 West 113400 South to 132000 South (PRI Property Boundary)	4150 West 113400 South to 132000 South		
WCD-Design 13200 South from 4150 West to Mountain View	13200 South from 4150 West to Mountain View		
WCD-Obtain additional ROW and environmental clearances for 4500 West- 13400 South to 13800 South	4500 West- 13400 South to 13800 South		
WCD-Complete Preliminary Design of 4500 West - 13400 South to 13800 South	4500 West - 13400 South to 13800 South		
WCD-Re-design 12600 South to add 2 additional lanes	12600 South		
Morning Cloak Traffic Signal			
Bike Boulevard Signage City Wide			

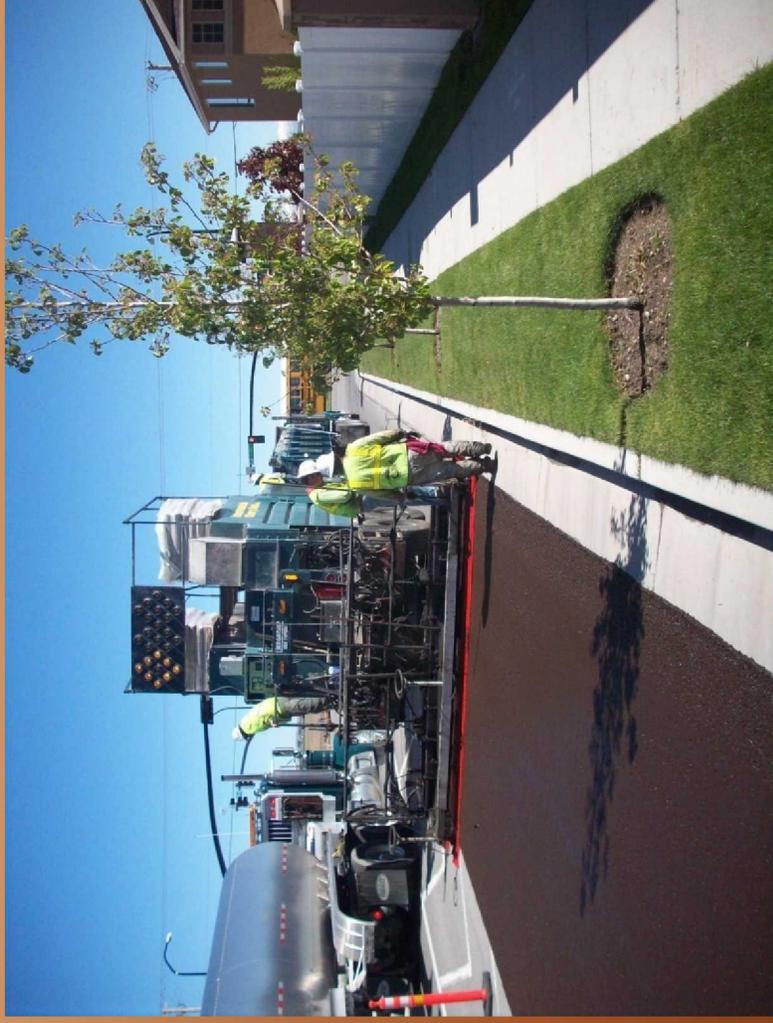
- Construct 1900 West 11800 South to 11900 South
- Master Plan Lovers Lane
- Evaluate S Turn Bridge 1300 West
- WCD-Obtain ROW 4150 West Dutchman Lane to 13000 South (PRI Property Boundary)
- WCD- Design and Constructed 4150 West 113400 South to 132000 South (PRI Property Boundary)
- WCD-Design 13200 South from 4150 West to Mountain View
- WCD-Obtain additional ROW and environmental clearances for 4500 West- 13400 South to 13800 South
- WCD-Complete Preliminary Design of 4500 West - 13400 South to 13800 South
- WCD-Re-design 12600 South to add 2 additional lanes
- Morning Cloak Traffic Signal
- Bike Boulevard Signage City Wide

# Engineering



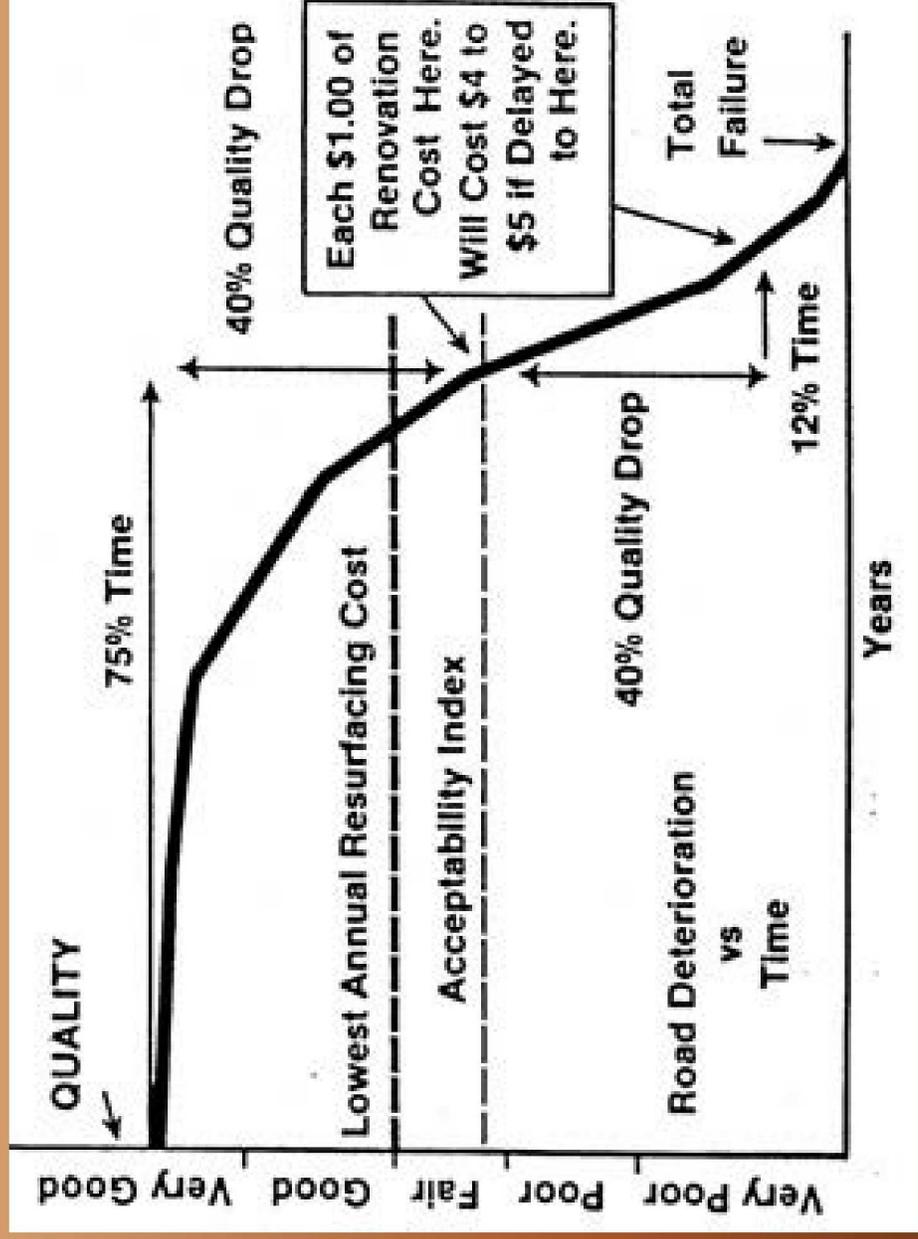


# Street Maintenance

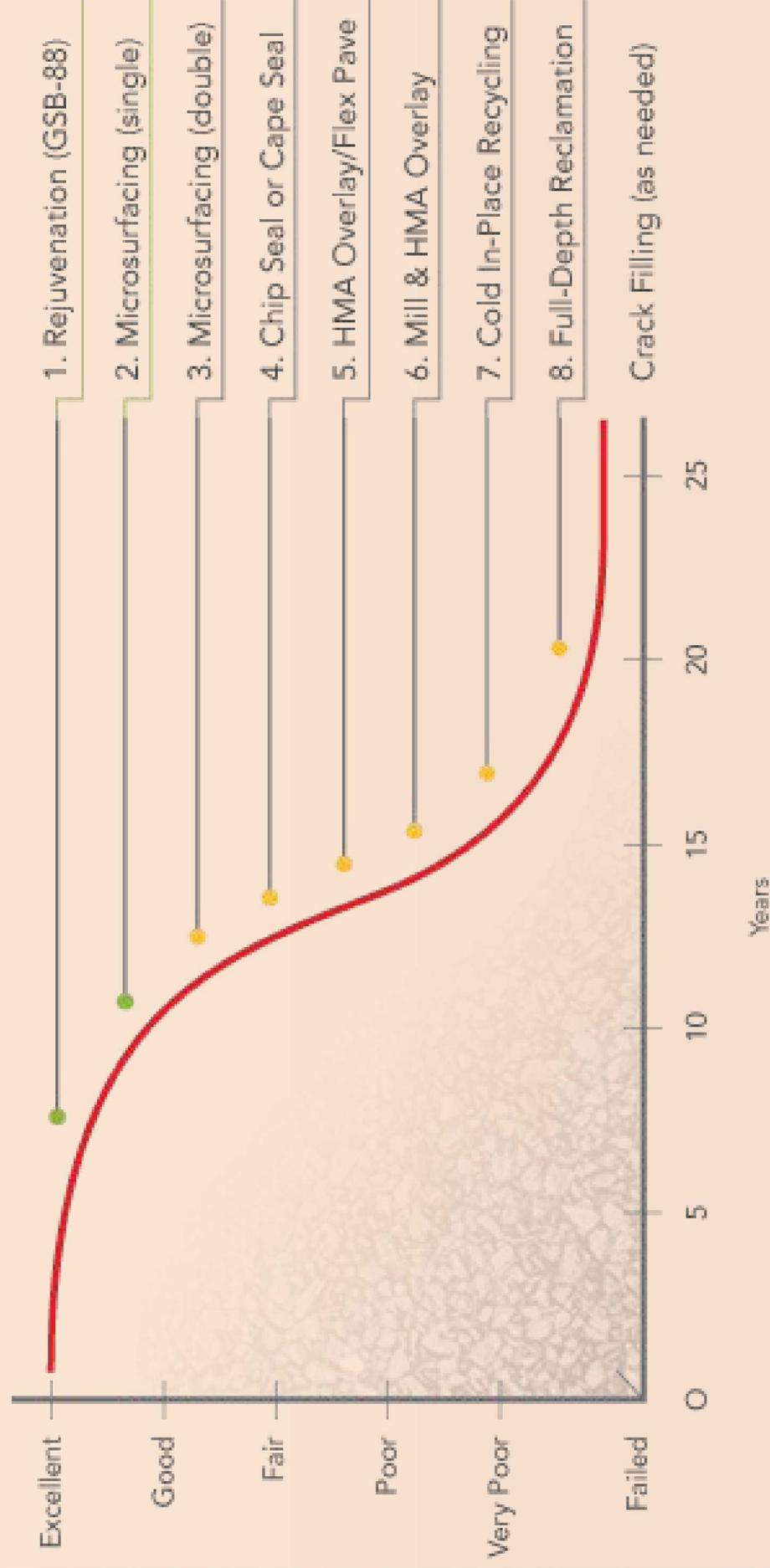




# Correlation Between Pavement Age and Repair Costs



# Maintenance Strategies

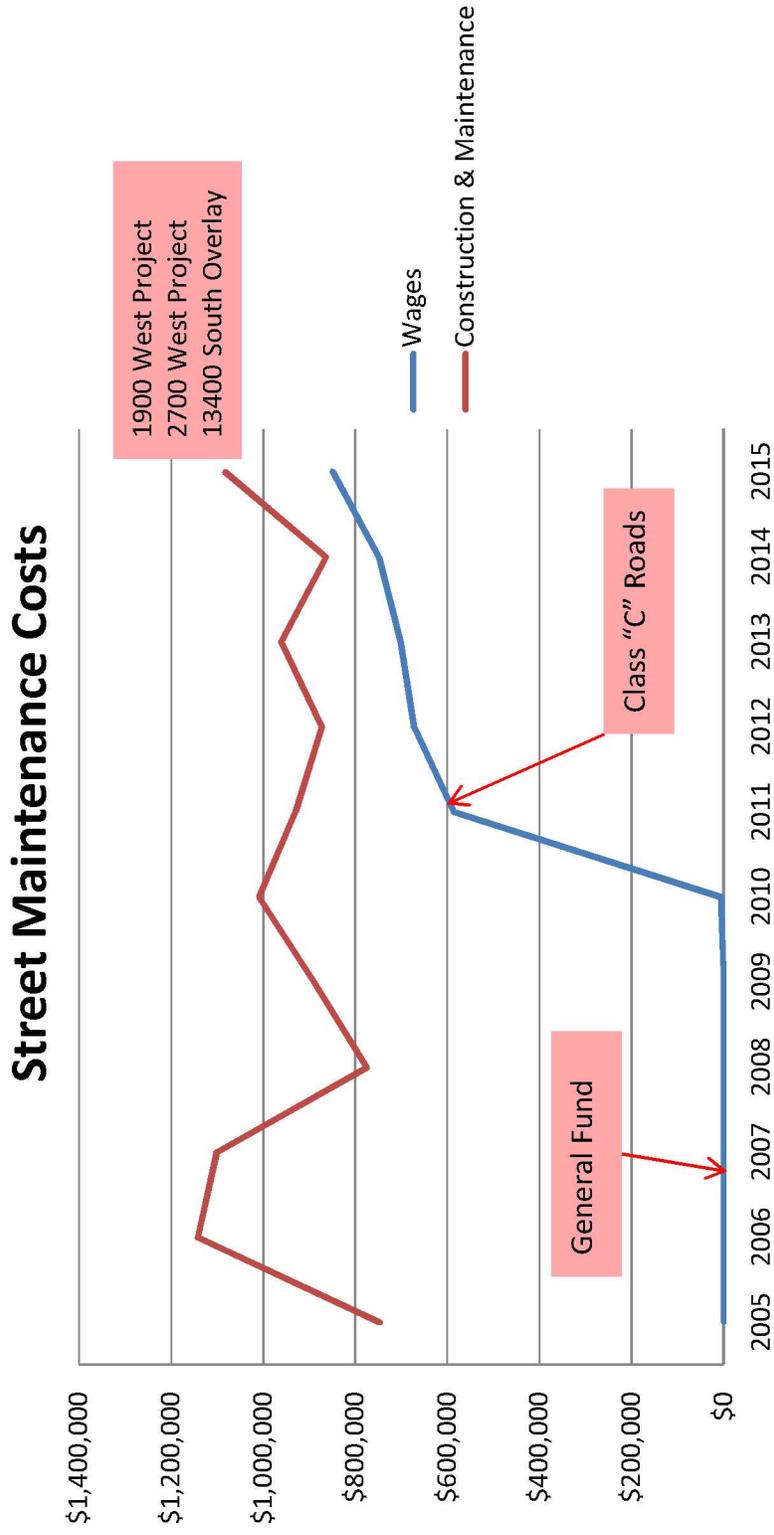


# Class "C" Road Funds

Revenue vs Use of Fund Balance

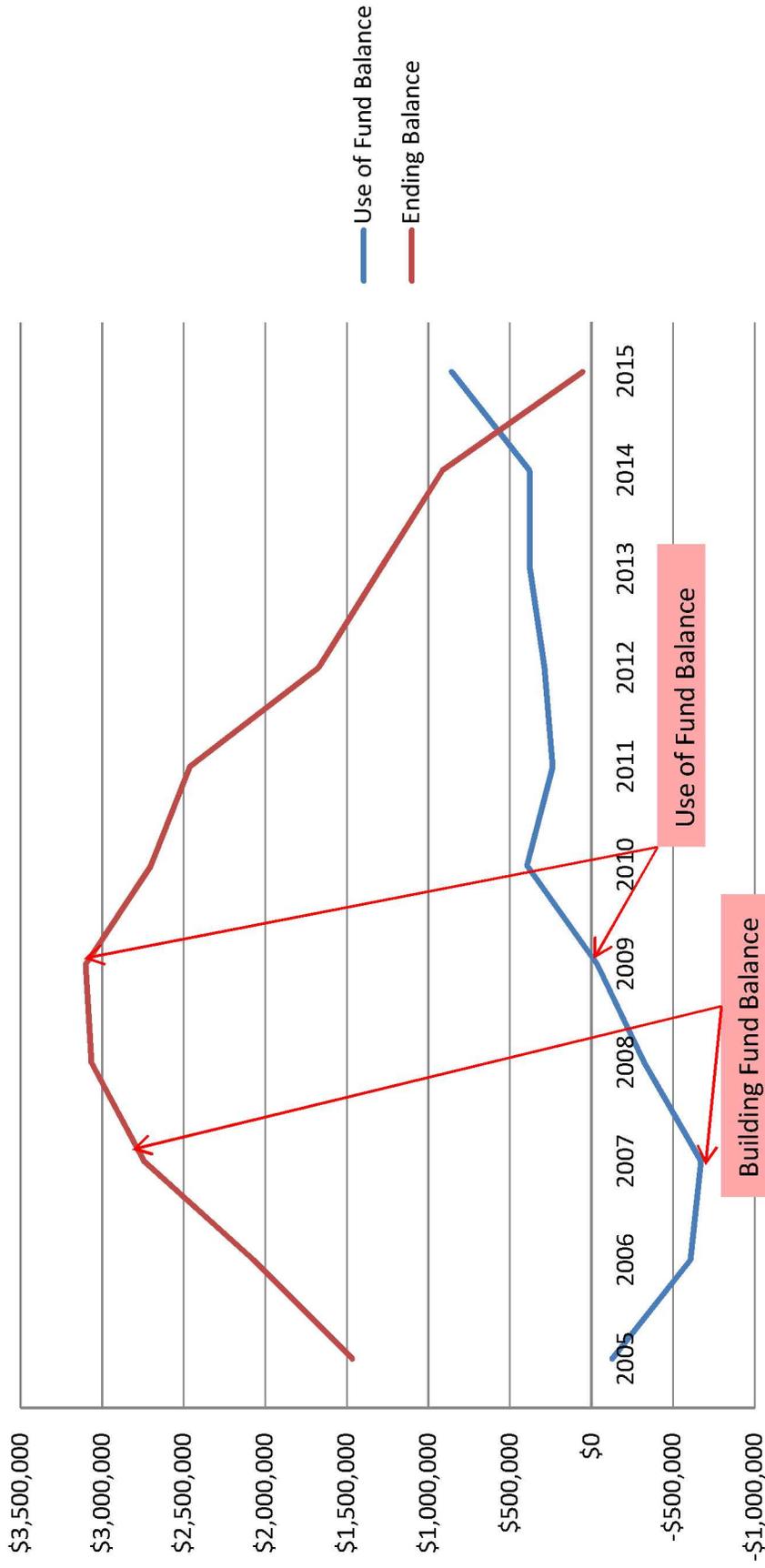


# Class "C" Road Funds



# Class "C" Road Funds

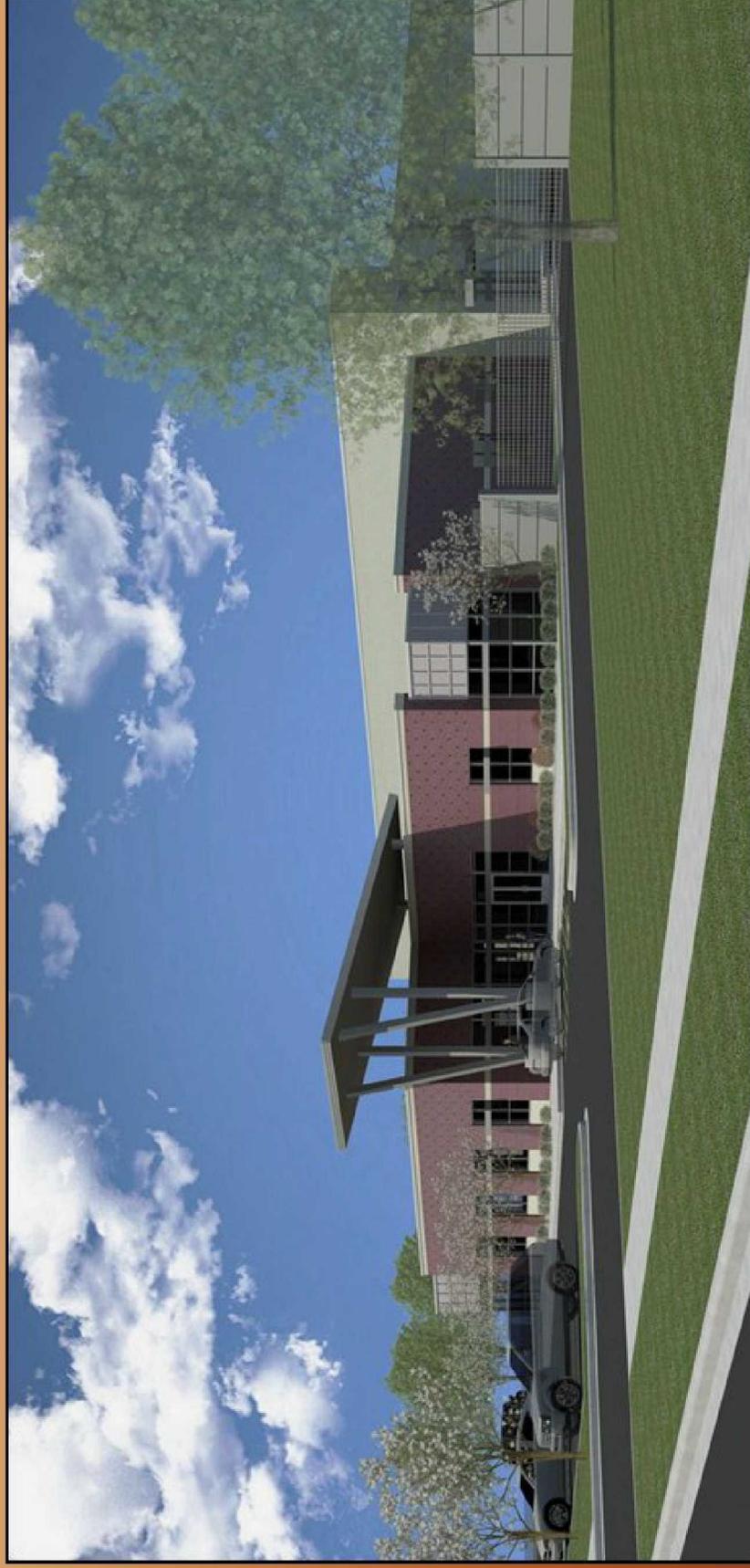
## Use of Fund Balance to Offset Funding Shortages



# How to Proceed from Here?

- Stretch existing funding by :
  - Find Alternative and Creative Maintenance Strategies
  - Increase City Crew Construction Activities
- Partial funding from General Fund
- Wait to see what the Legislature

# Questions ?



# Strategic Planning – Culinary Water



# Culinary Water

- Where have we been?
- Where are we now?
- Where are we going?

## Where Have We Been?

- System grew to match growth of the City
- Developments installed distribution system as City grew
- City installed CIP as demand increased
  - Wells/pumps/motors
  - Transmission and distribution piping
  - Metered connections/distribution systems

# Where Are We Now?

- 175 Miles of Distribution Piping
- 6 Deep Wells
- 3 Storage Reservoirs
- 7 Pressure Reducing Valve (PRV) Stations
- 6 Metering connections to JWCD

Delivery Capabilities on Peak Day is 4.5 MGD

The resident vote: Change the entire water supply to JWCD

Status of Water Rights (at existing wells to remain intact)

Contract with JWCD (now in place)

Change-out will take effect: May 1, 2015

# Where Are We Going?

Implementing Change-Out in response to the “vote”

- **Short-Range (by May 1<sup>st</sup>) Improvements:**
  - 3200 West 12600 South Metering Vault Modifications
  - 4800 West 12600 South Metering Vault Modifications
  - Hill Well/Pump/Meter Modifications
  - Parkstrips -- Culinary to PI (see PI discussion)
- **Medium-Range (2015-2016) Improvements:**
  - Western Commercial District Distribution line/system installation
  - Western Commercial District Pressure Zone Creation/Modification (Zone 3)
  - Parks -- Culinary to PI (see PI discussion)
- **Long-Range (5-Year) Improvements:**
  - 5 Million Gallon Storage Tank
  - Redundancy/Backup Requirements (pressure and pumped flow)
- **Budget Requirements: (see project cost estimates)**



EXAMPLE 2

EXTERNAL SYSTEM WITH JMWCD SUPPLY

AT 2 METERS WITH STATIONS (overlaid)

- 1) 0' @ 12400 S. 36200 W.
- 2) 4820' @ 12400 S. 48200 W.  $\frac{1}{2} \times \frac{1}{2} \times 12 = 12''$
- 3) 61' @ 13200 S. 38200 W.  $\frac{1}{2} \times \frac{1}{2} \times 10 = 10''$
- 4) 13400 S. 14200 W. 6' @ 10''
- 5) 12400 S. 41300 W. 5' @ 10''
- 6) 4820 W. 13400 S. 6' @ 12''



# 3200 West Vault Modifications:



1/27/2015



Public Works Strategic Planning

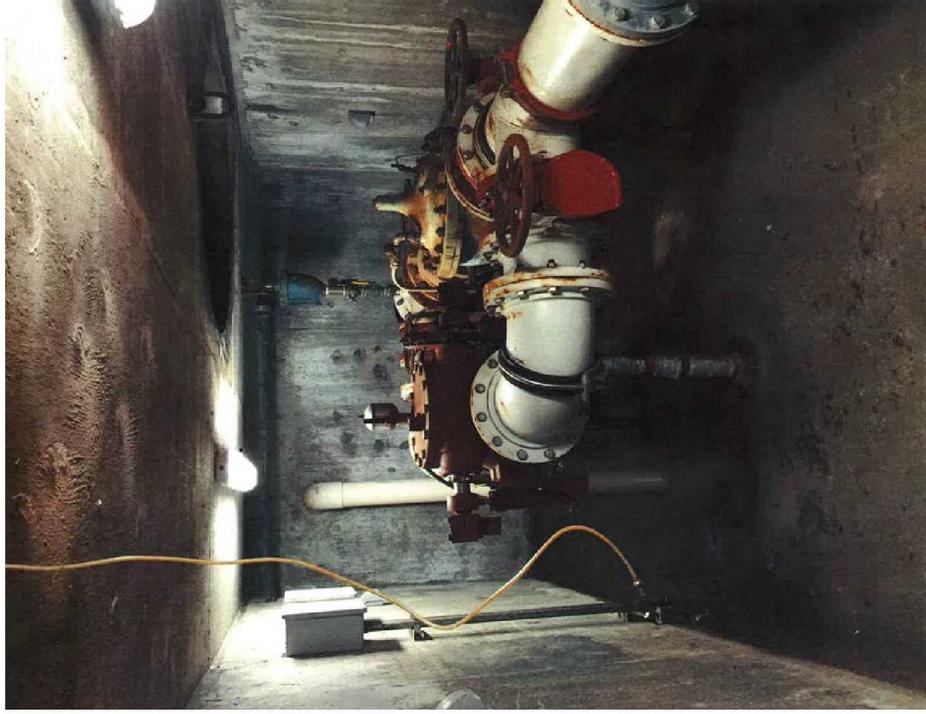


8

## 3200 West Vault Modifications:

- Cost Estimate:
    - Modulating control valve, check valve, gate valve \$16,000
    - Actuator 3,000
    - Electrical (conduits, wiring, connections) 4,000
    - SCADA Equipment (plc, radio, antennae, pressure gages, etc.) 19,400
    - Construction (trenching, installation, restoration, etc.) 20,000
- TOTAL ESTIMATED COST: \$62,400

# 4800 West Vault Modifications:



Looking East

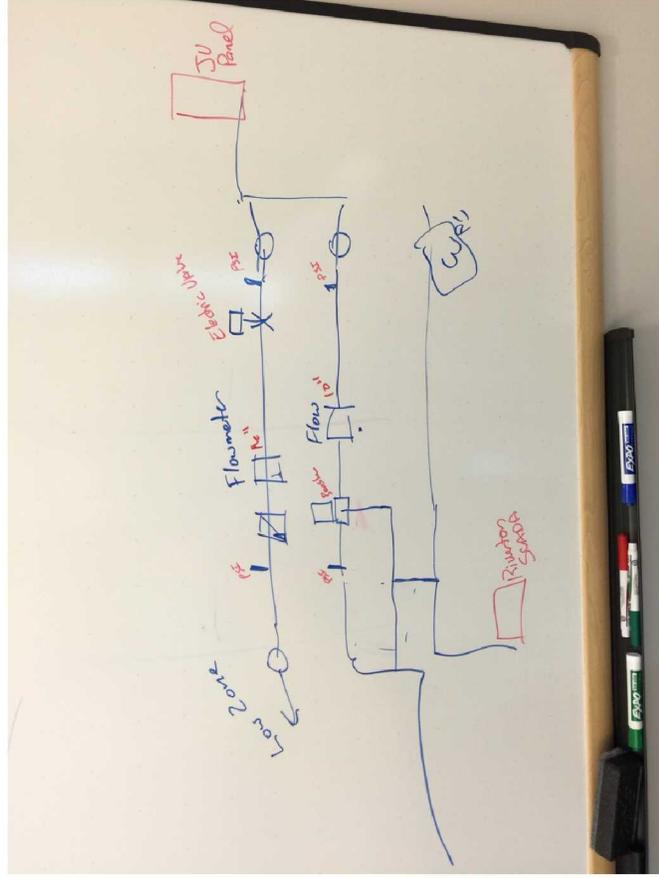


Looking West

## 4800 West Vault Modifications:

- Cost Estimate:
    - Modulating Valve, actuator and modifications \$15,000
    - Electrical (conduits, wiring, connections, NEMA boxes) 4,000
    - SCADA Equipment (plc, radio, antennae, pressure gages, etc.) 19,400
    - Construction (trenching, installation, restoration, etc.) 12,000
- TOTAL ESTIMATED COST: \$50,400

# Hill Well/Booster Pump/Meter Modifications:



# Hill Well/Booster Pump/Meter Modifications:

- Cost Estimate:
  - Valve control modifications, meter interfacing, etc. \$6,000
  - Electrical (wiring, programming, Panel modifications, etc.) 6,000
  - SCADA Equipment (plc, radio, pressure gages, etc.) 10,600
  - Construction (trenching, installation, restoration, etc.) 4,000
  - TOTAL ESTIMATED COST: \$26,600

## Park Strips – Culinary to PI: (Work done “in-house”)

Public Works Bldg.	- 12526 S. 4150 W.	3,000
Charter Point	- 2698 W. 11605 S.	3,000
Deer Mountain	- 13615 S. 4000 W.	3,000
Doves Landing	- 11800 S. 3300 W.	3,000
Frampton Farms	- 3107 W. 11800 S.	3,000
Golden Meadows	- 13014 S. 3200 W.	3,000
Golden Meadows	- 13010 S. 3200 W.	3,000
Kings Crossing	- 2960 W. 11800 S.	3,000
Margaret Park	- 12350 S. 1298 W.	3,000
Merced Estate	- 3770 W. 11800 S.	<u>3,000</u>
<b>Total:</b>		<b>\$30,000</b>

## Short-Range Summary:

3200 West	62,400
4800 West	50,400
Hill Well/Booster/Meter	26,600
Park Strips – Culinary to PI	<u>30,000</u>
Total:	\$169,400

## Medium-Range Summary:

• WCD: 4150 W. (12600 S. to 13400 S.)	404,500
• WCD: 13200 South (4150 W. to Mtn. View)	217,700
• WCD: 4570 W. (13000 S. to 13400 S.)	191,200
• WCD: 4500 W. (13400 S. to 188)	154,500
• WCD: Pressure Zone Creation/Modification (Zone 3)	50,000
• Parks -- Culinary to PI (see PI discussion)	<u>80,000</u>
Total:	\$1,097,900

# Long-Range Summary:

5 MG Tank	5,250,000
Backup/System Redundancy	<u>75,000</u>
Total:	\$5,325,000