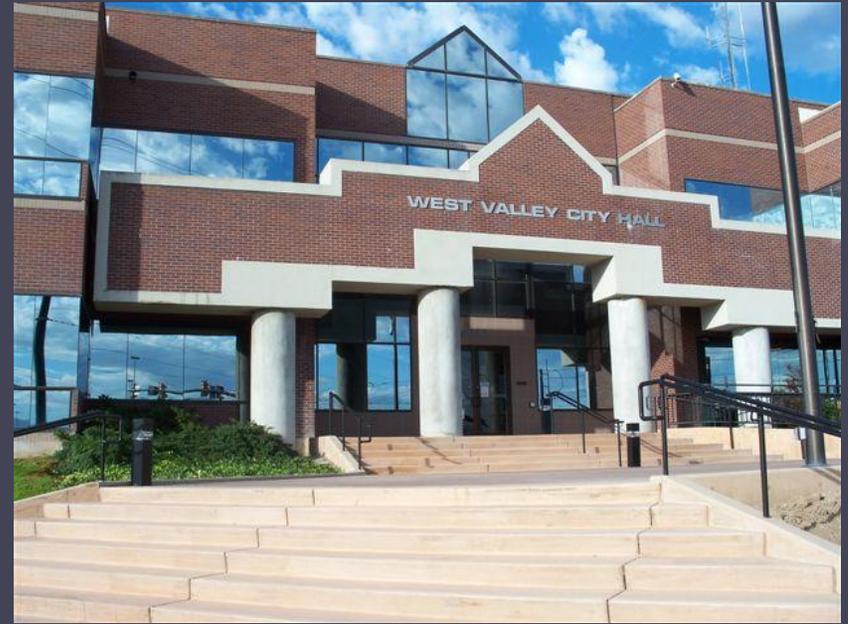




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Public Works



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City Works Demo



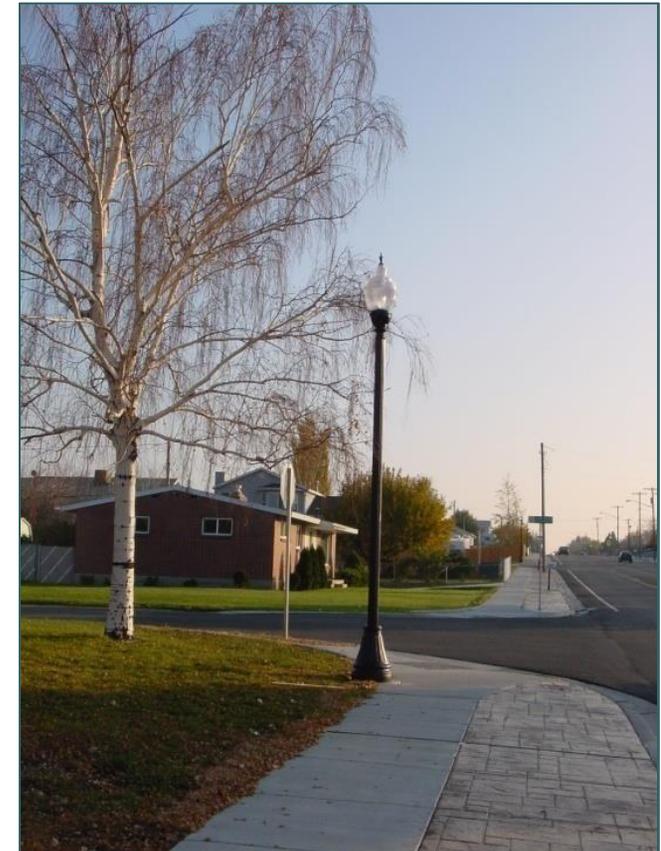
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Transportation

Transportation

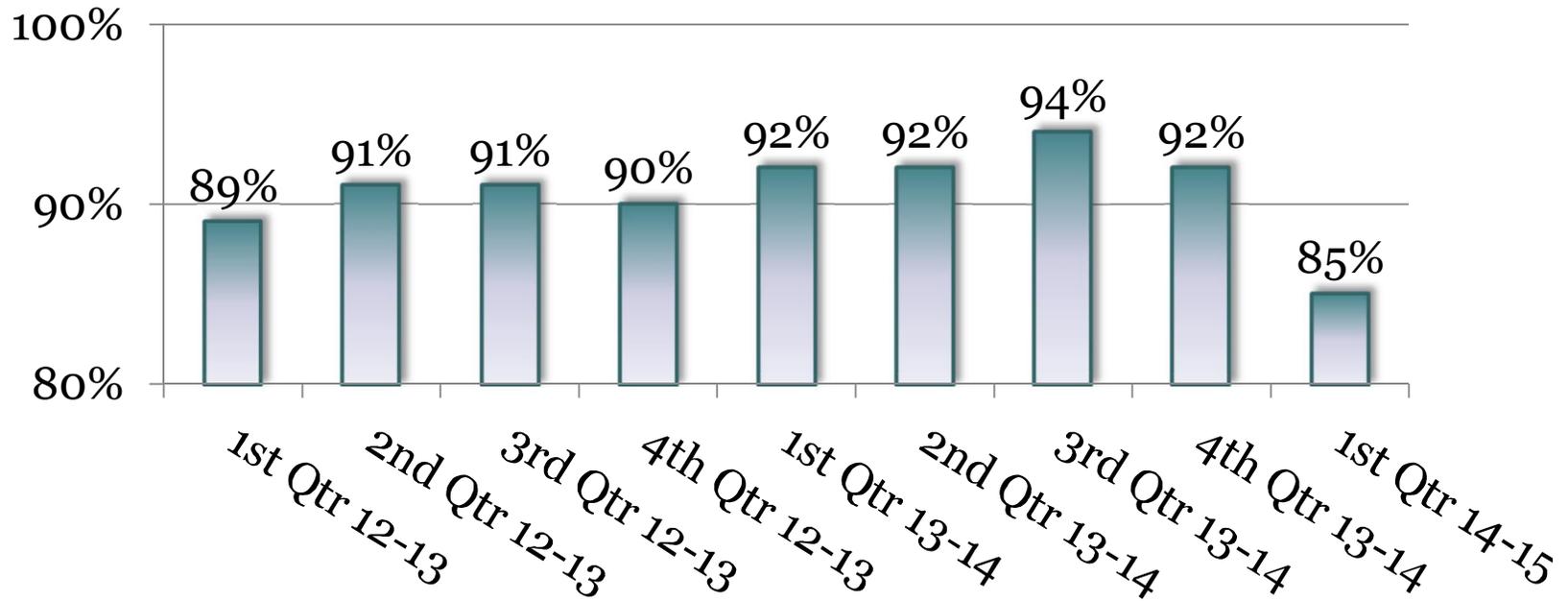
- 4 Employees
- Repair all City street lights
- Repair/replace street signs
- Pavement markings
- Contracted traffic Striping
- Traffic studies/issues



Street Lighting Repairs (7500 Lights)

Goal to have 85% of requested repairs done with 3 days

Percent of Street Light Requests completed within 3 days





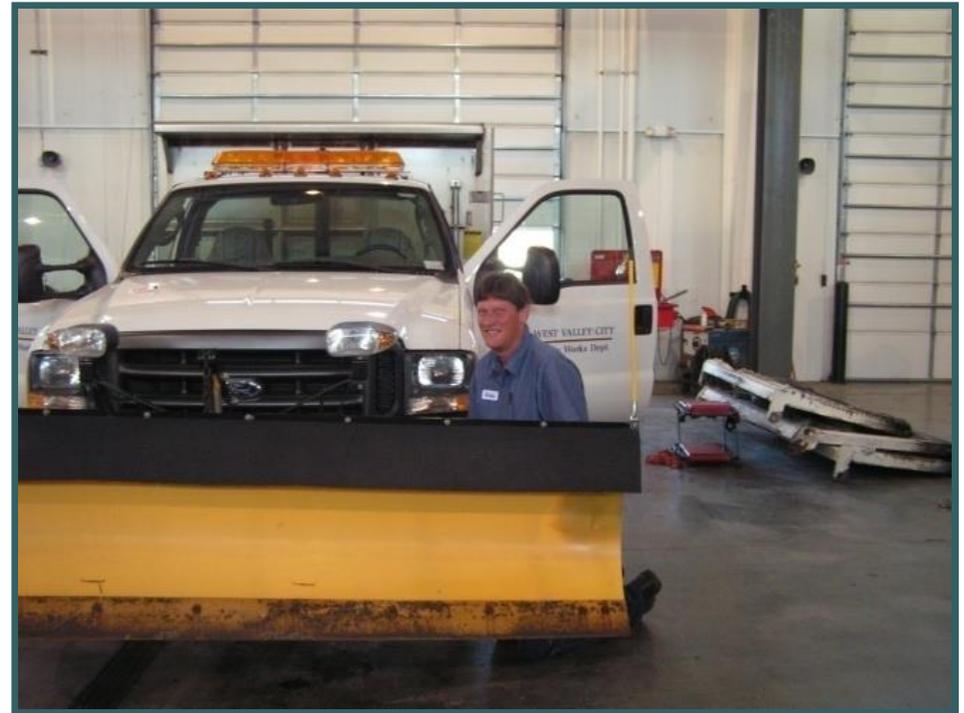
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Fleet

Fleet

- Employees
 - 4 Administrative and support employees
 - 7 mechanics
 - Ratio of 60 vehicles per mechanic (range 30-90)
- Equipment
 - 412 piece of equipment in Fleet
 - Police cars
 - Fire equipment
 - Heavy equipment
 - Sedans
 - Pick-up trucks
 - Outside Agencies





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Refurbished Truck

- We're saving **\$80-100,000** by replacing beds and refurbishing trucks instead of purchasing new.





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Sanitation

Sanitation

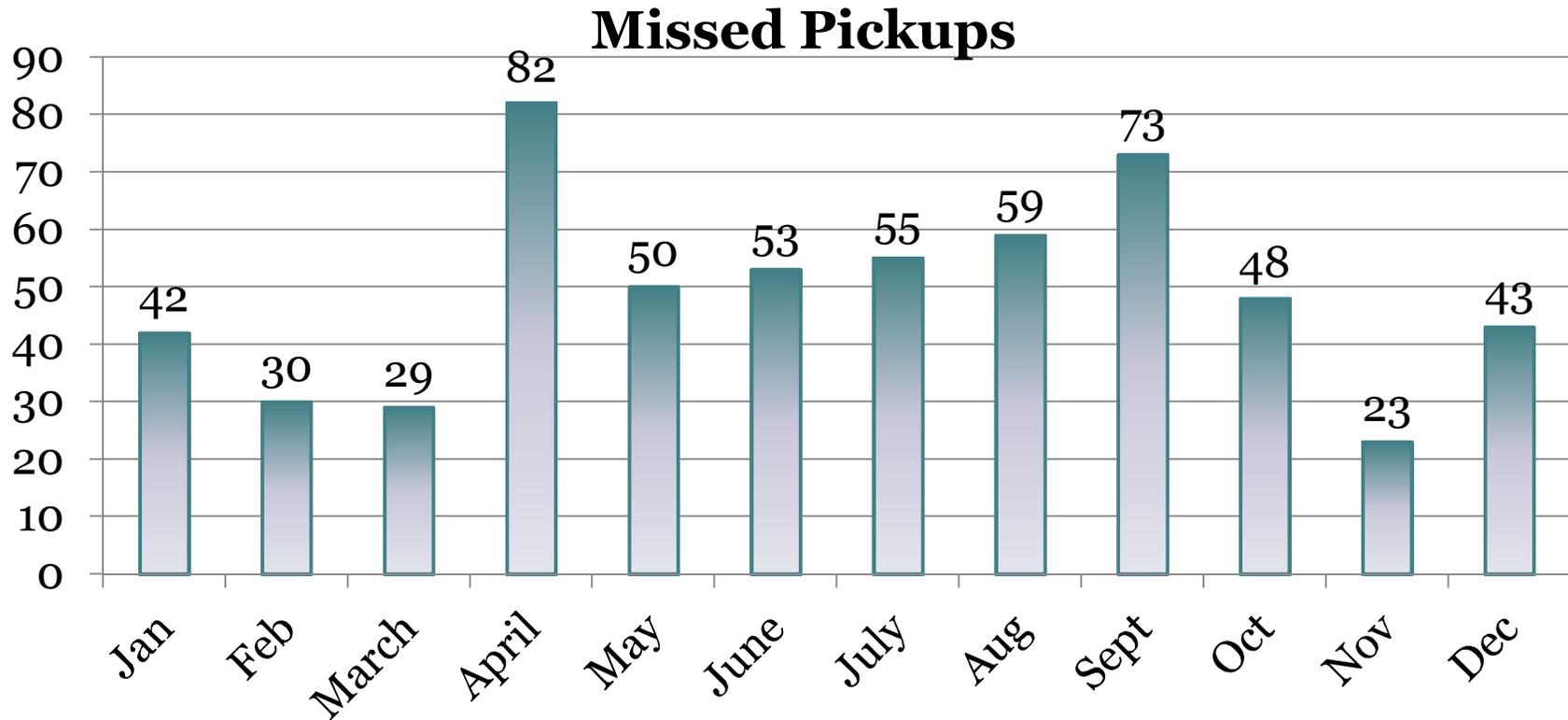
- 3.5 Employees
- Receive and respond to calls for container delivery, pickup repair and replacement.
- Maintain inventory of 64,000 containers.
- Schedule Neighborhood Dumpsters.
- \$2.4 million dollar contract with Waste Management for garbage collection, recycling, bulky waste and dumpster services.



Missed Services per Month 2014

163,000 pickups per month

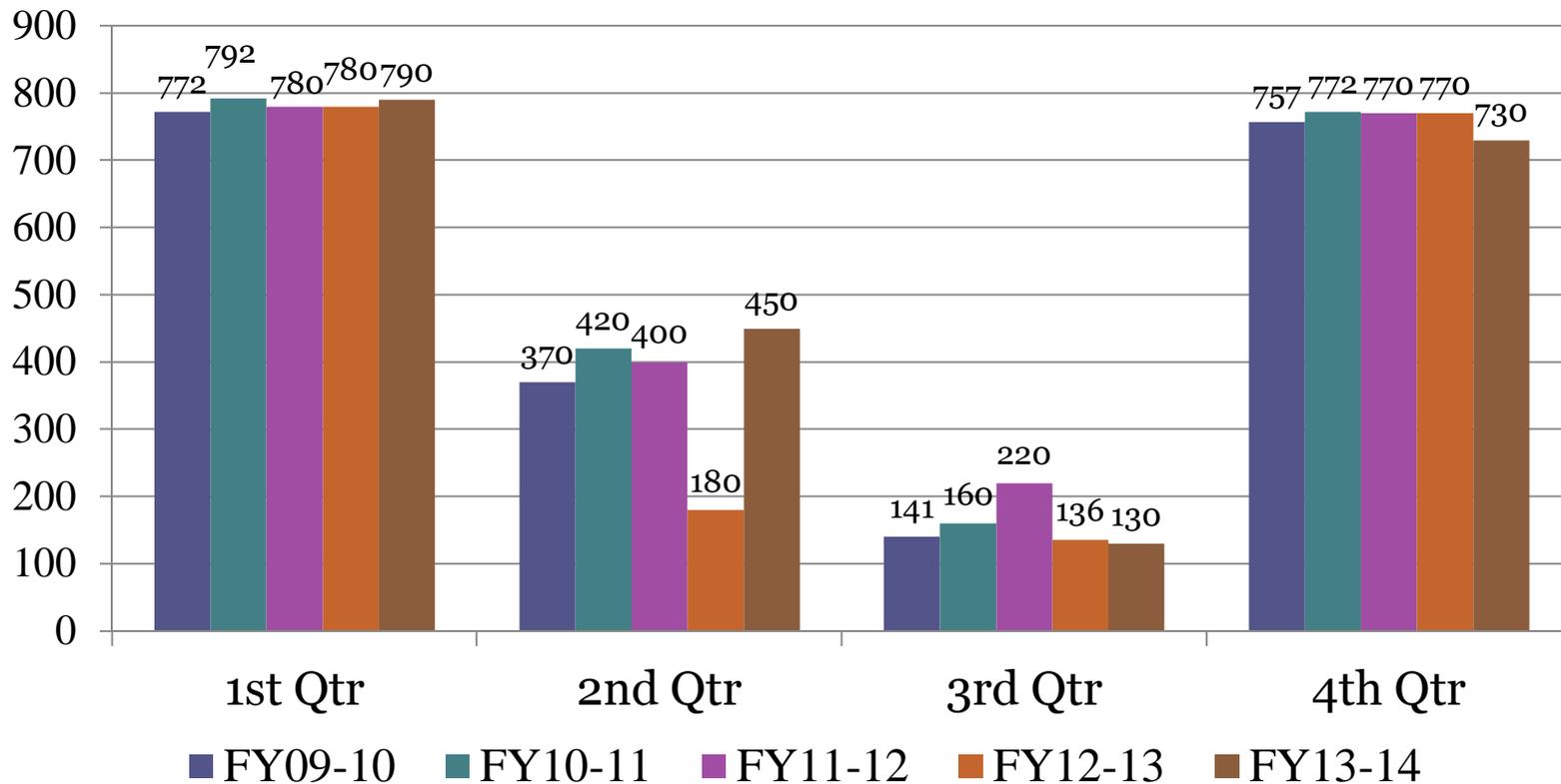
Goal is less than 100 services per month



Neighborhood Dumpster Program

Maintain Neighborhood Dumpster Program

FY13-14 goal= **2100**





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Facilities



Facilities



- Employees
 - 5 Maintenance Employees
 - 4.75 Custodial Employees
 - 1 Administrative
- Care/repairs on 19 buildings
 - City Hall
 - Public Safety Bldg
 - Fire Stations
 - Police Substations
 - UCCC
 - Hale Theatre
 - Courts
 - PW/Parks Operations Bldg
 - Fleet Maintenance Bldg
 - Animal Shelter
- Construction Management

New Rooftop Units City Hall (\$211,257)



Roof Replacement City Hall (\$64,782)



Dumpster Enclosure (\$23,208)



Shop Expansion Property Acquisition (\$770,000)





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Operations

Operations

- 27 Full-time Employees
- Pavement Management
 - Slurry
 - Crack Seal & Chip Seal
 - Patching
- Storm Water
 - Street Sweeping
 - Storm Drain Cleaning
 - Piping Projects
- Sidewalk, Curb & Gutter
 - Replacement
 - Cleaning & Sealing Stamped
 - ADA Ramps





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Sidewalk Repair and Construction

Mudjacking



Sidewalk Replacement

For deteriorated concrete or displacement greater than 1”

- We have 99,935 linear feet of sidewalk that needs repair.
- 45,777 linear feet of that can be repaired with mudjacking, at a cost of **\$12** per linear foot.
- 54,158 linear feet needs to be replaced. Cost is **\$37** per linear foot.



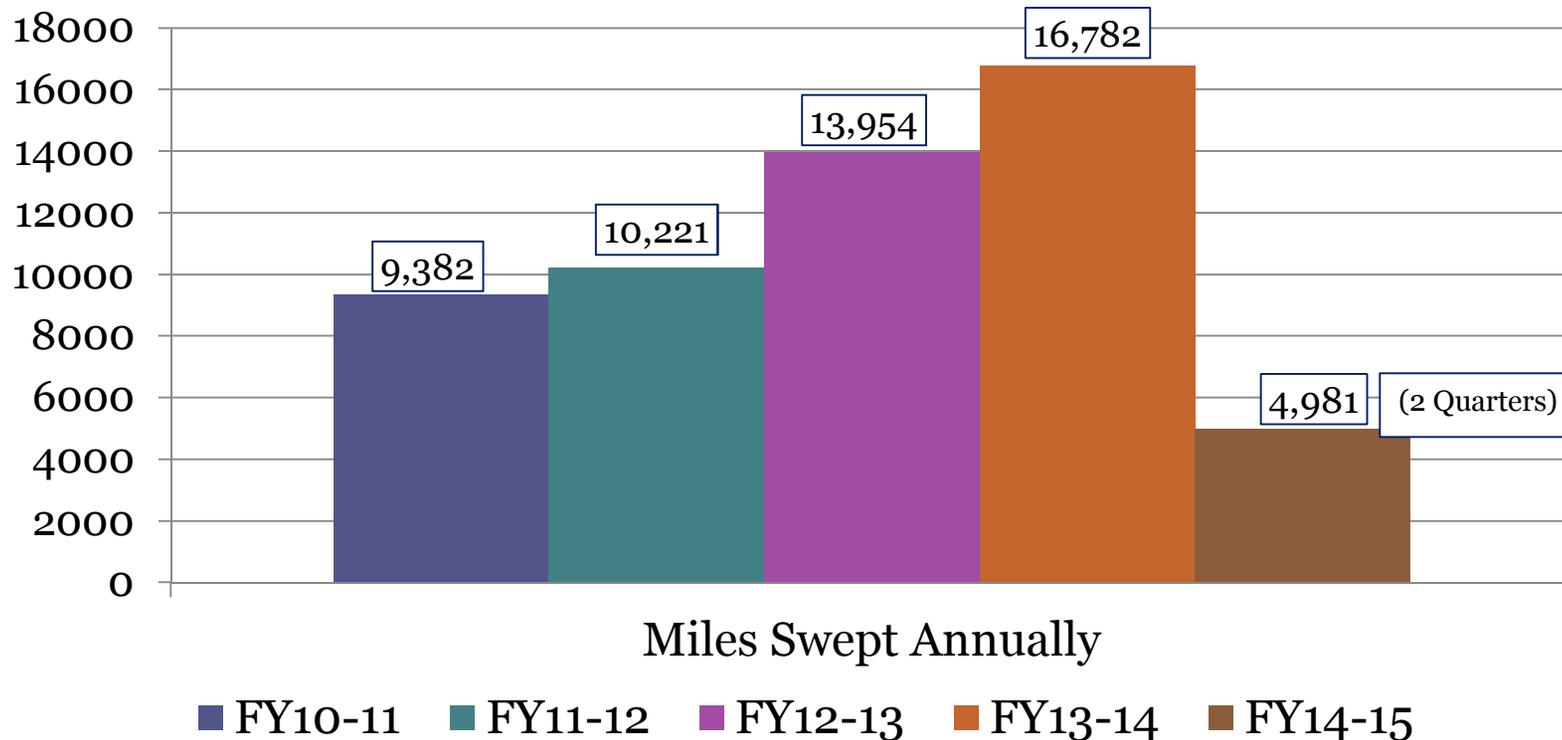
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Storm Water

Maintain Street Sweeping Program

Miles Swept Annually (goal 10,000 miles/year)



Meadowlands Detention Basin

2900 S 6000 W



Recycled Asphalt Path at Meadowlands Detention Basin





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Pavement Management

Pavement Management Benchmark

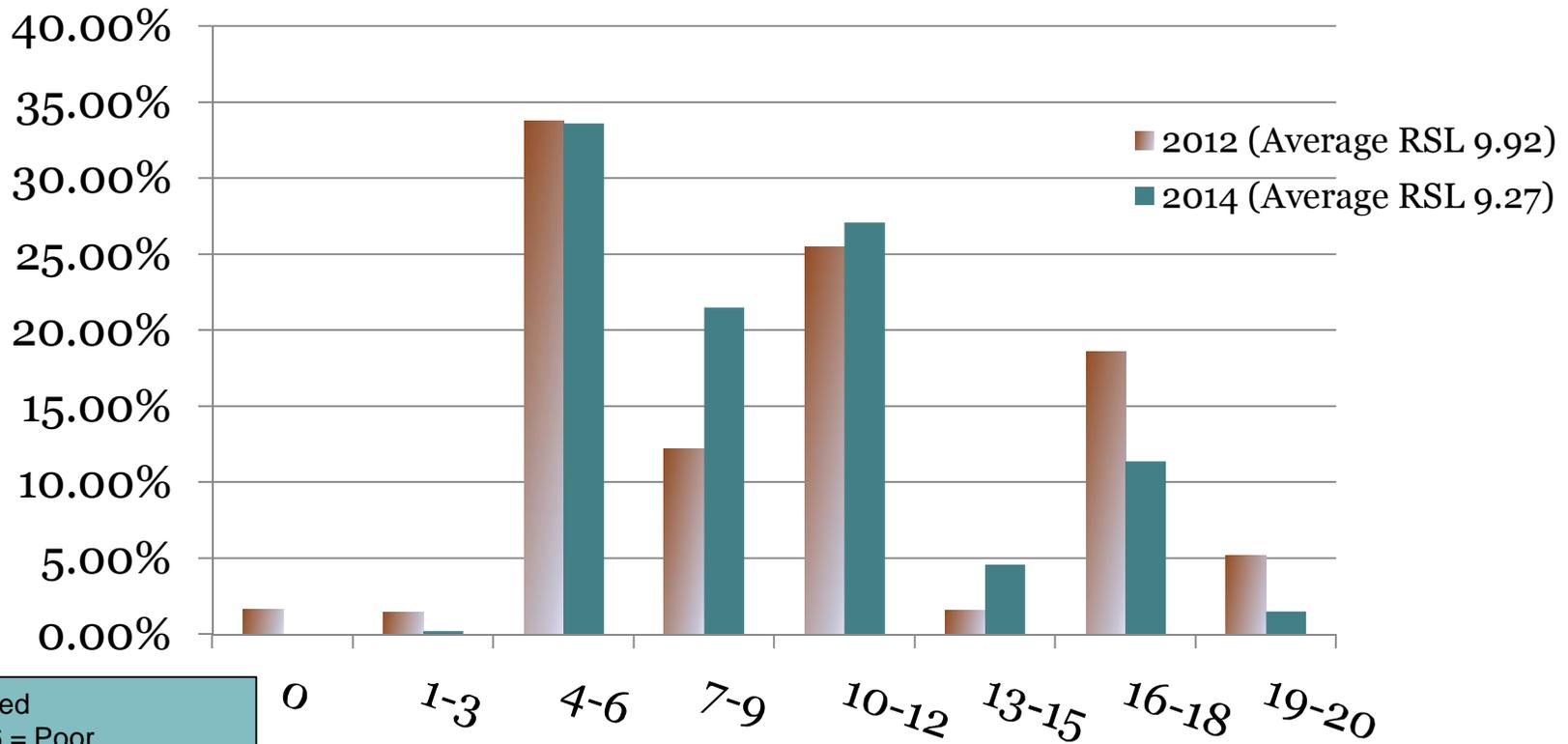
Measure Remaining Service Life (RSL)

- Average RSL of 10 years or more
- No more than 3% at end of service life



RSL Distribution for Streets

Percentage of Pavement Area by RSL



0 = Failed
 1-3, 4-6 = Poor
 7-9 = Fair
 10-12 = Good
 13-15, 16-18 = Very Good
 19-20 Excellent

RSL Rankings



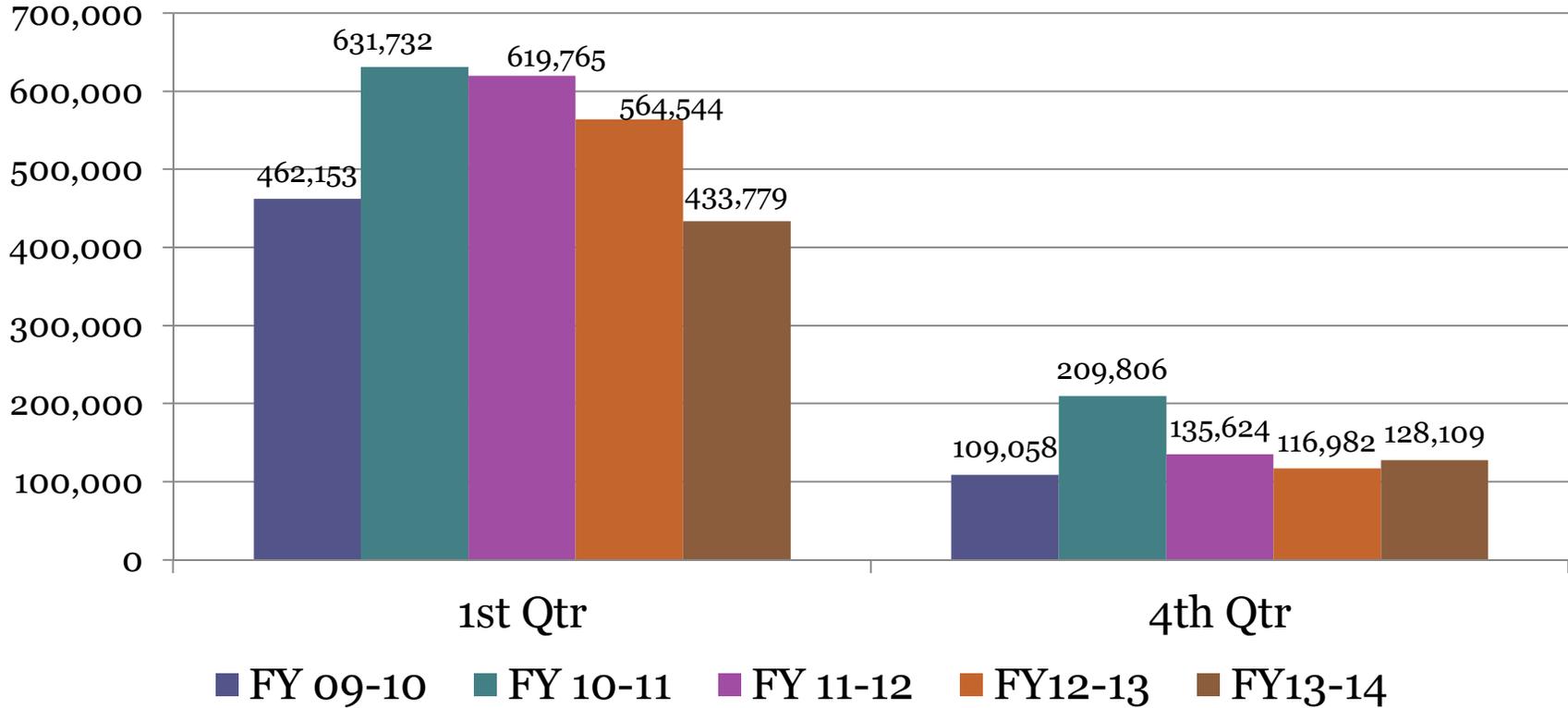
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New Approaches to Maintenance

starry seal

Goal 750,000sq yds)
(FY13-14 Year end = 561,888 sq yds)



Asphalt Milling Machine (\$125,000)



Polymer Seal Coat



Closeup of Polymer Seal Coat



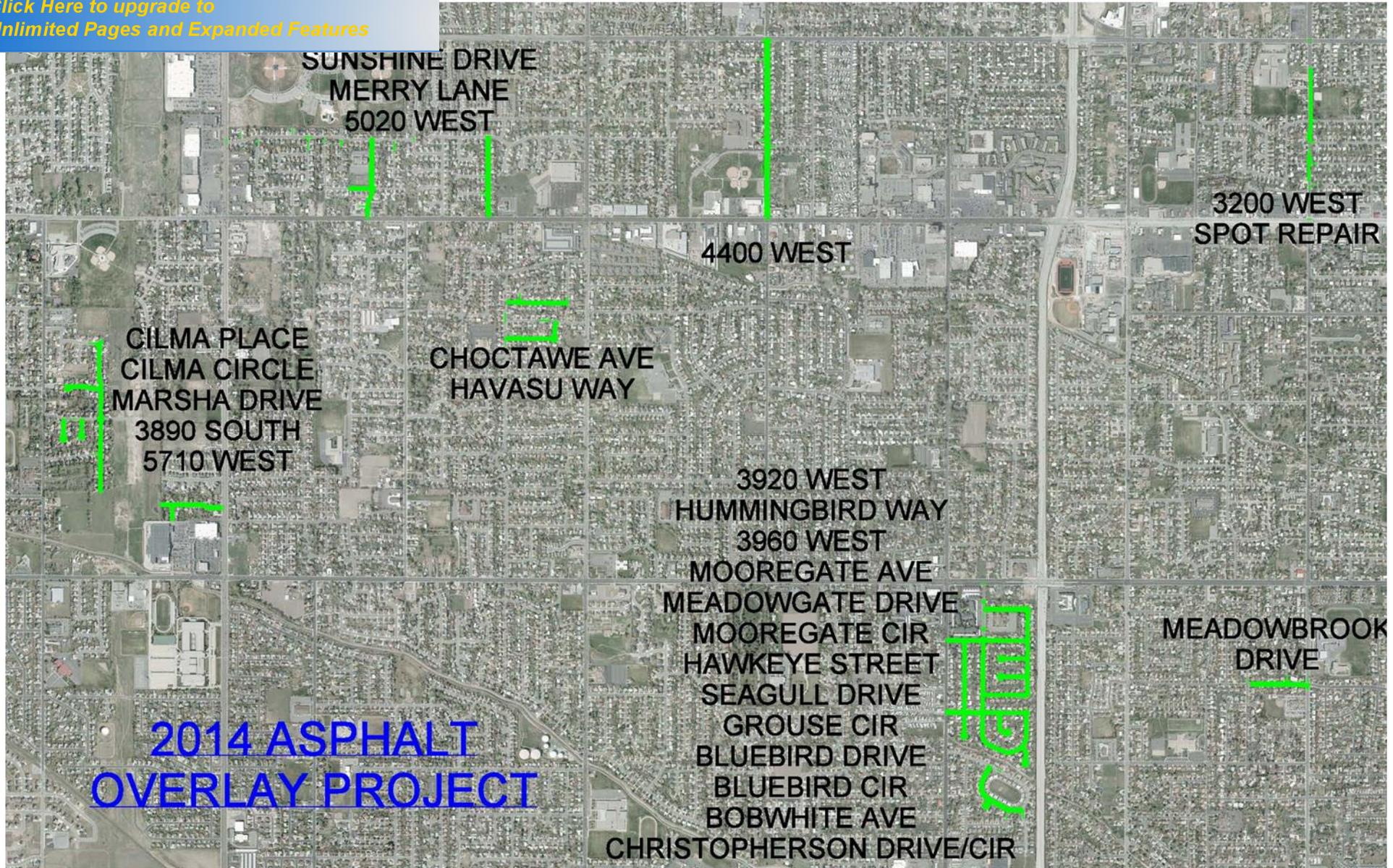
2014 Overlay Project - Asphalt Overlay or Reconstruction



Funding Source - Class
C Roads

Project Cost -
\$1,340,539

Contractor - Kilgore
Contracting



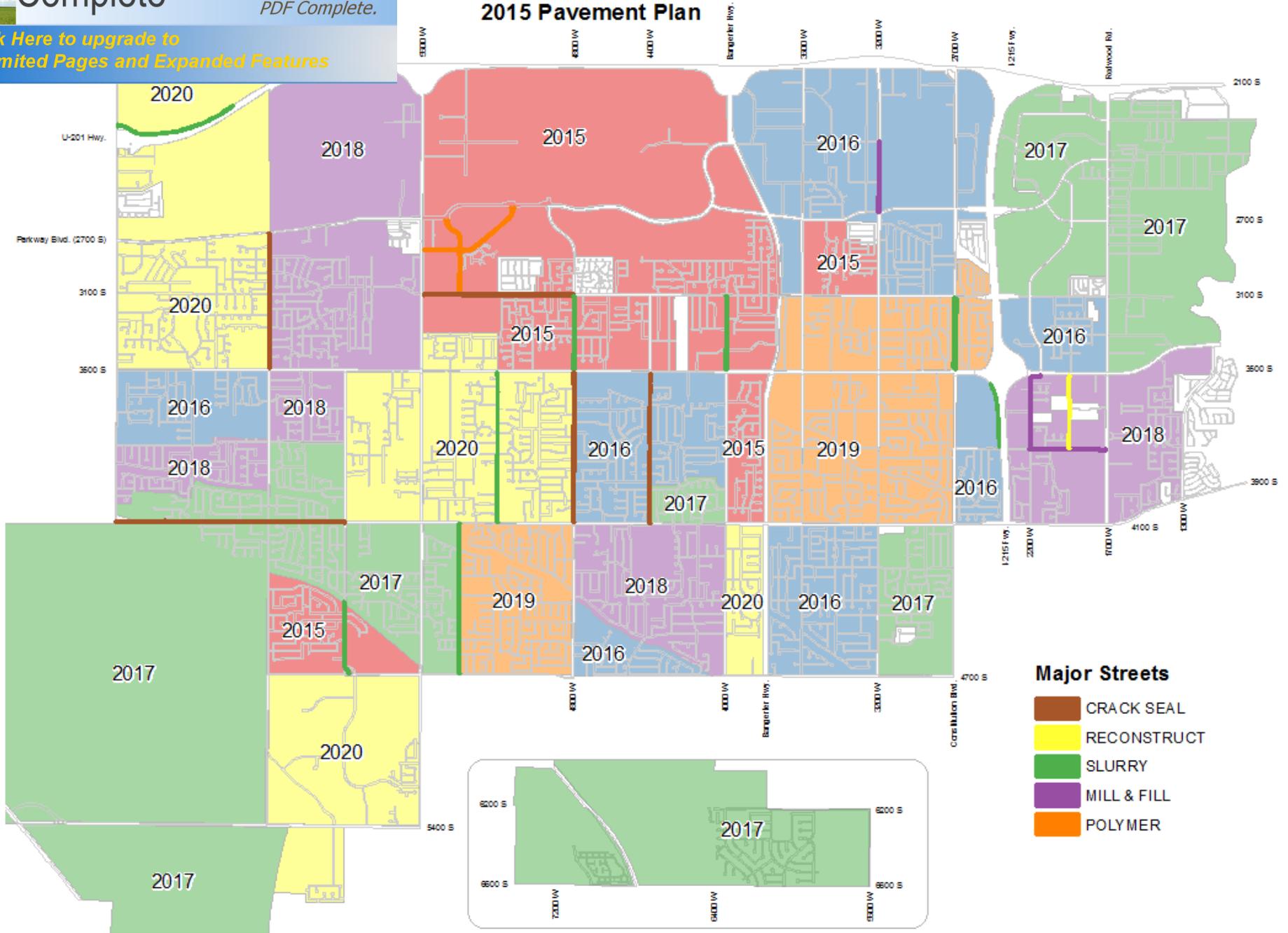


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2015 Pavement Management Plan

West Valley City 2015 Pavement Plan





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Engineering

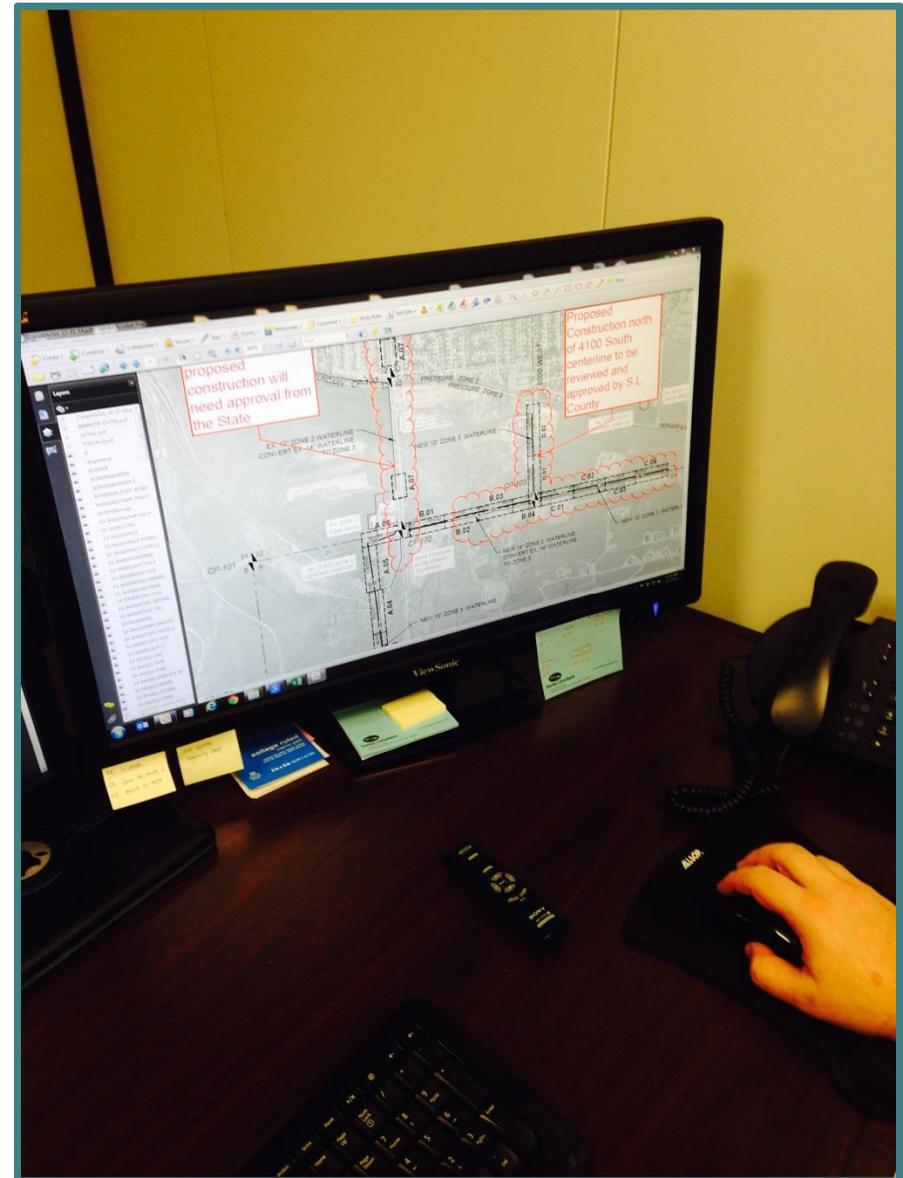
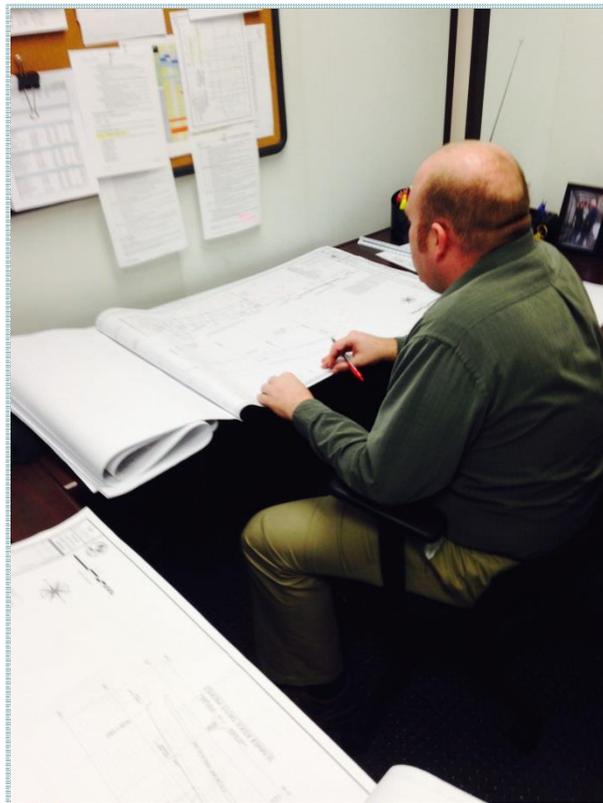
Engineering

- Administration
 - 2 Employees
- Design
 - 4 Employees
- Right-of-way/Development Review
 - 2 Employees
- Permits – Excavation & Storm Water
 - 3 Employees
- Construction Project Management & Inspection
 - 4 Employees



Plan Review

- Review times
- Electronic review





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2014 Accomplishments

6400 West Extension (\$1,858,144 from State Funds HB 173)



6400 West Extension



6400 West Riter Canal Bridge



4000 W Storm Drain Rehab and Replacement (\$1.1 million, Storm Water Utility)



4000 W Pipe Rehab Project



- Before

- After





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Upcoming Projects

Storm Drainage Projects

- Pole Line Drive (2600 W) Storm Drain \$900,000
- Decker Lake Blvd Storm Drain (Printer's Row)
\$560,000
- 4100 S Storm Drain (4400 W to Deno Dr) (3500-
4100 S) \$250,000
- 4800 W & Royal Ann Dr Inlets Modifications
\$100,000
- Riter Canal Control Structure (6800 W) \$300,000
- Metro Park Pond Improvements \$150,000

Road Projects

- 2400 S Extension – 4800 W to 5600 W
 - 2015 – State Funds (\$2,500,000)
- 5600 W Widening w/ WJC– 6200 S to 7000 S
 - 2015 - 93% federal STP funds (\$6,000,000)
- 6200 S Extension - MVC to SR-111
 - 2015 – 93% federal STP funds (\$6,500,000)
- 4700 S Reconstruction – 4800 W to 5600 W
 - 2016 - Joint STP project with Salt Lake County