



Comprehensive Plan for Public works Department

CITY OF KIMBERLY

Projects Slated for 2011

COMPLETION OF WATER PROJECT

- Est. June

DEMOLITION OF OLD CITY HALL

- Award of Grant
- Completion of Project before July 1st
- Utilize City Labor force
- Equipment Rental
- Utilize Temp Labor

STONE GATE COLLECTION SYSTEM REPAIR

- Prepare Construction Plans
- Cost estimates
- Release for Bids
- Award
- Estimate End July/August Start Date



Projects Slated for 2011

Safe Routes to School

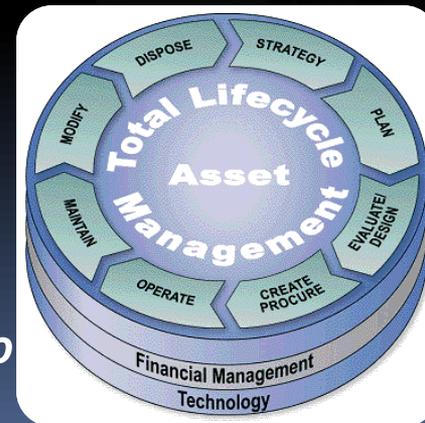
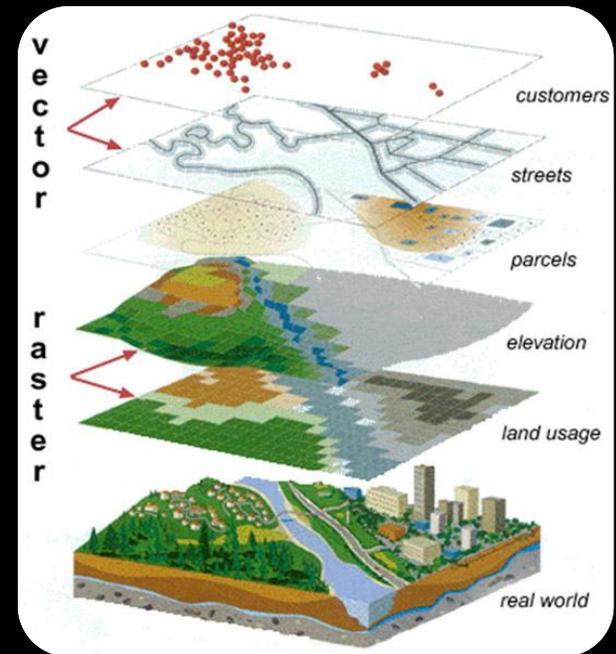
- Grant Award
- Run Concurrent with 2011 Street Project
- South Main St. From Center to Gem Drive
- Bike /Pedestrian Paved lanes on east and west side along with a Milling and recycle repave



Projects Slated for 2011

ASSET MANAGEMENT/GIS

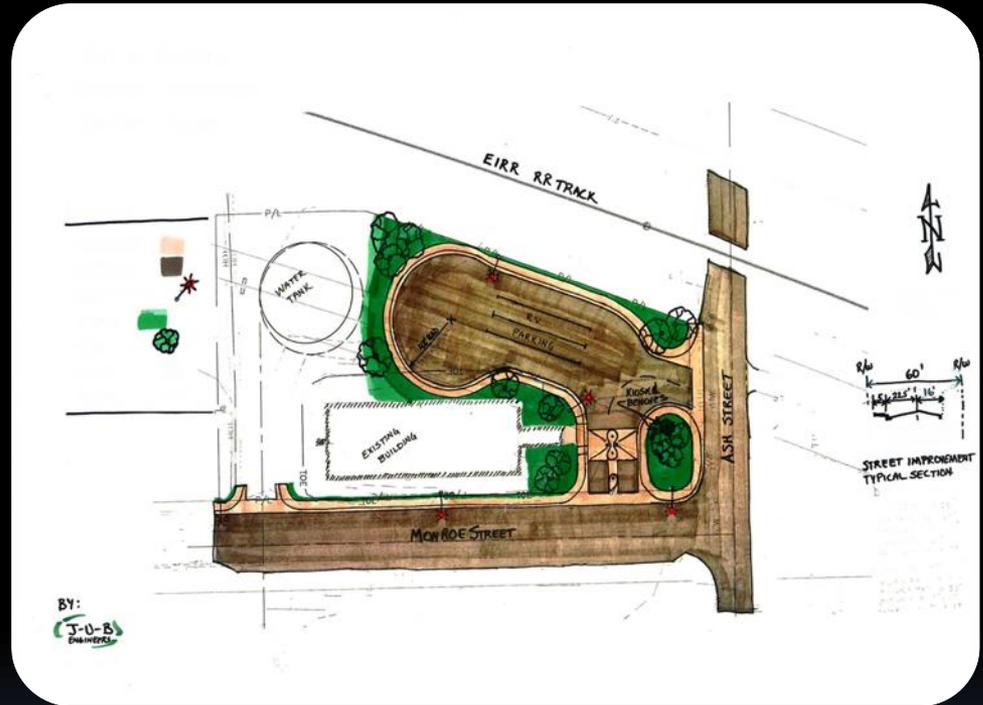
- Implement GIS/Mapping Program
 - Cost (ARRA) Water system \$36,780.00
- Data Acquisition and Input
- GPS Water Valves, Waste collection Manholes, Street Signs and Regulatory Signage
- Asset Management Software
- Tracking
- Budgeting
- Planning
- Waste Water Module \$21,625.00
- Transportation Module \$14,635.00
- Planning & Zoning Module \$1,6445.00



Projects Slated for 2011

RV PARK DUMP SITE

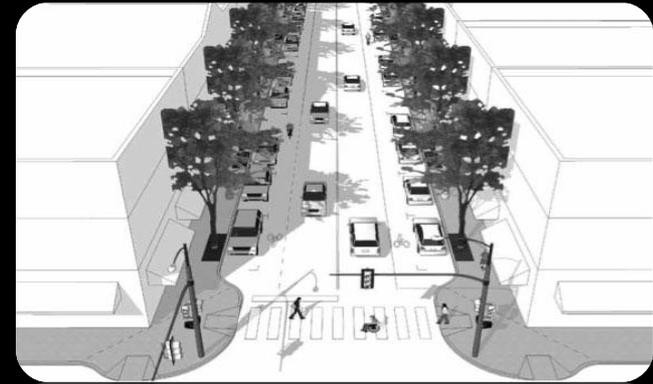
- Grant Award
- City Personnel



Projects Slated for 2011

Main Street Rehabilitation Project

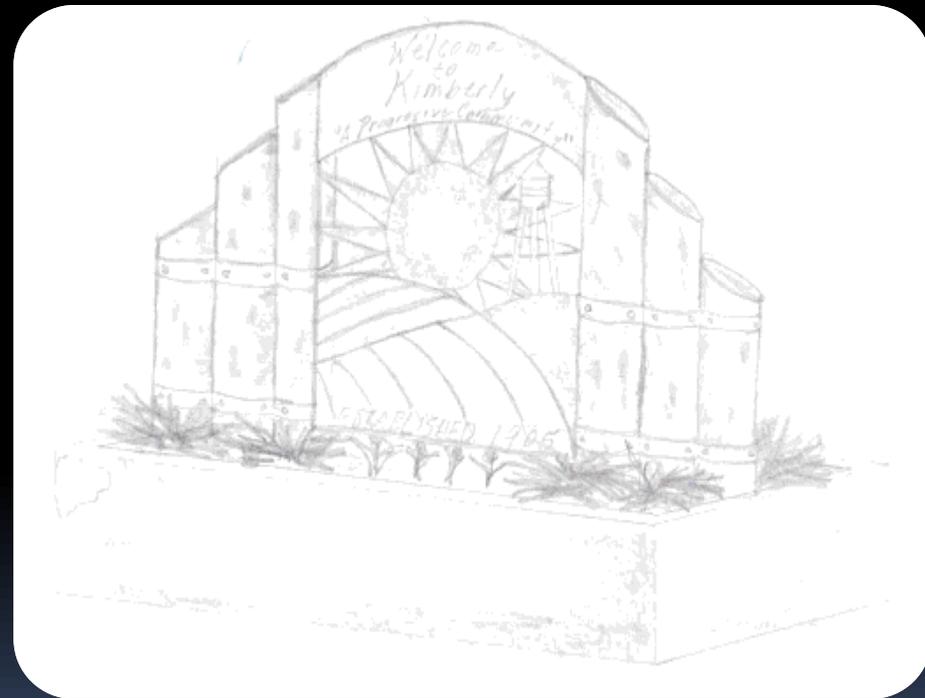
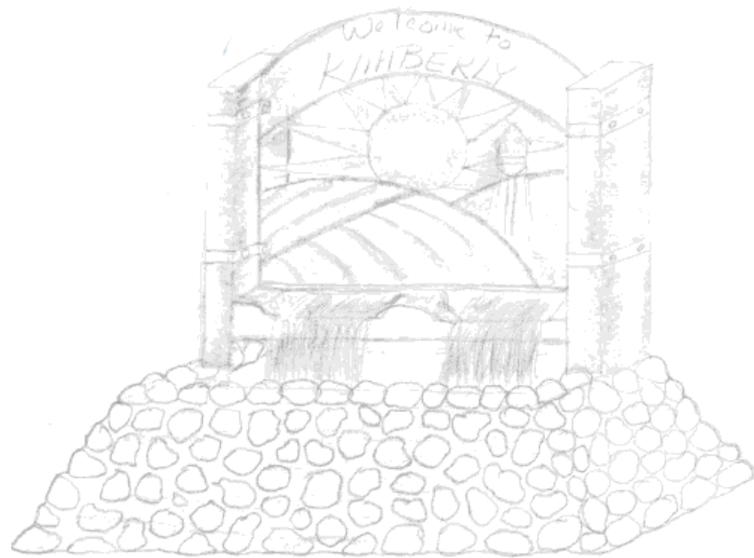
- Rehab Curb Gutter and Sidewalks with Bulb Outs On Radius
- Decorative Street Lighting
- Apply landscaping and Watering System
- Revamp Approaches
- Main St. North to Rail Road Tracks
- Contingent upon Grant Award



Projects Slated for 2011

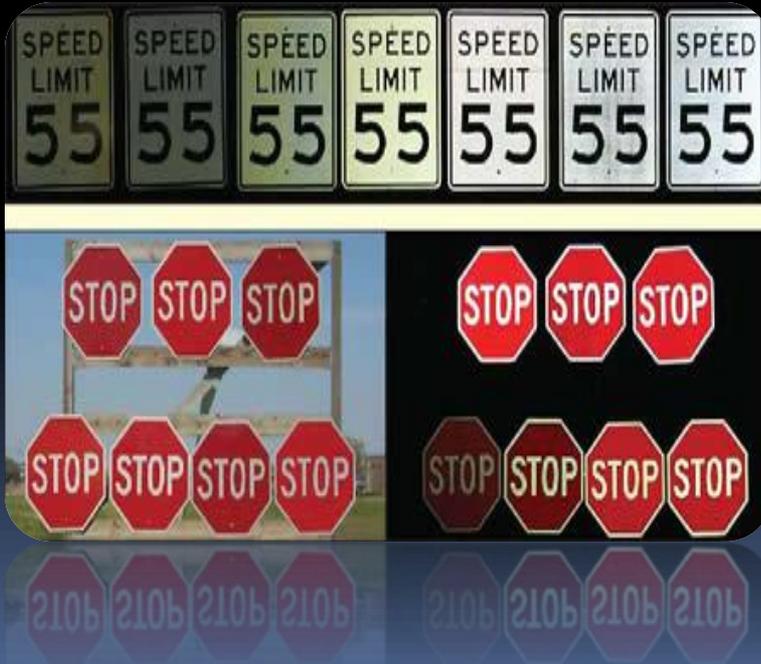
Master Sign/Welcome to Kimberly

- Design/Planning/Permitting
- Choose Location
- Build/City Personnel



Projects Slated for 2011

Street Signage
MUTCD Retro reflectivity Law
GPS/GIS Inventory
LHTAC Grant application



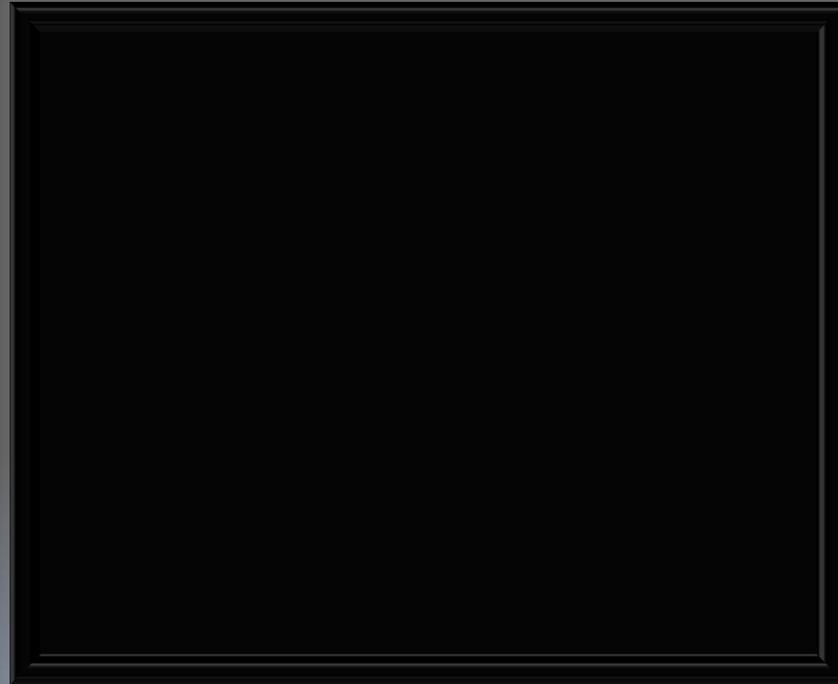
Projects Slated for 2011

Collection System Pre-Treatment Program

- Inventory Business
- City of Twin Falls, NPEDS Permit
- Quarterly Reporting
- Ordinance Updating and Placement and Enforcement



What's The Future of Kimberly's Waste Water System?



What Does this Mean for Kimberly?

The City of Twin Falls will “continue” to Honor our Waste Water Treatment Agreement

Due to the stalled economy, the City of Twin Falls has made a decision not to increase Capacity in their Treatment Plant. They will only be improving their existing facilities. No Expansion of processes. This means that the City of Kimberly will be afforded no additional capacity from the City of Twin Falls.

Once the City of Kimberly meets our contract Limits, that's it in a nut shell.

But that's not the last nut shell!



Looking to The Future

Waste Water Collection System

Pre-Treatment Plan

- Initiate Bio-Nutrient treatment Program approx. cost \$5000.00 yr.
- Lower BOD (Bio-Chemical Oxygen Demand)
- Lower TSS (Total suspended solids)
- Currently average 280 to 290 BOD
- Current Billing around \$8,000.00 to \$9,000.0 per month
- Success rates have been around 50% of Loads
- Equates to a potential savings of around \$40,000.00 yearly if successful
- The would equate to more capacity available as pertaining to BOD
- TSS increase during the first applications as it cleans the system
- TSS would diminish as the waste stream cleans up

Drawback

- *Will not effect Flow Volumes*

Looking to The Future Waste Water Collection System

So What are our options for Flow?

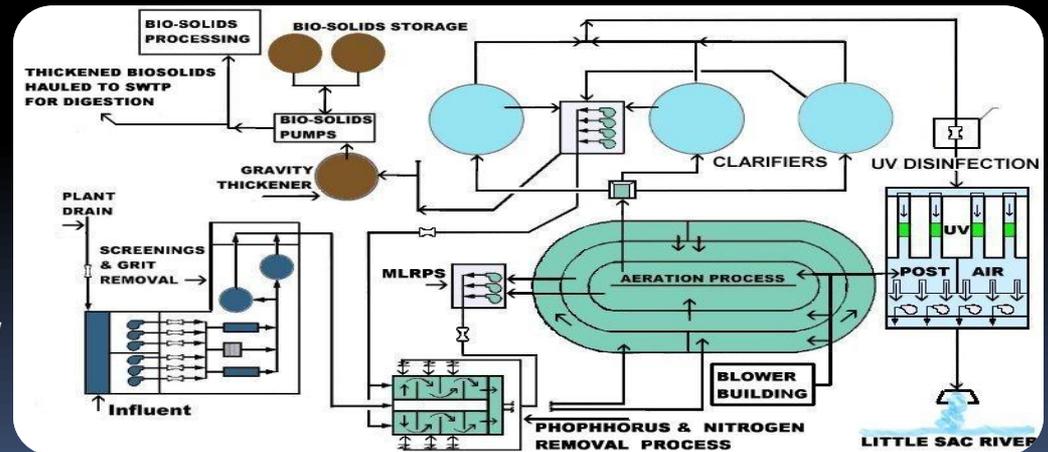
Build a Treatment Facility

- Initiate a Facility study for our Waste Water System to determine Type, Size, Location and Cost
- Approximate Cost association for Master Planning \$70,000.00
- Incorporate our entire area of Impact For future Building and Planning Purposes



Funding

A Project of This magnitude
Would require passing a Public Bond,
Grants or Judicial Conformation
MULTI Million Dollar Investment



Looking to the *FUTURE*



Waste Water Collection system

- Line replacement Program
- Last Project was in 1998 and replaced approximately 67,000 lineal feet
- Funding in place that will enable us to replace a “X” amount of feet every year or two years until the system is completely replaced.

Equipment Needing to be Funded

- Sewer VAC Truck Jet
- Approximate cost \$180,000.00 to \$220,000.00
- Sewer Camera Truck
- Approximate cost \$65,000.00 to \$125,000.00



Potential Funding source

Existing Sewer Bond Matures in 2022

- Consideration of reallocation of a portion, or all of those Funds towards system and capital expenditures may be a Viable solution

Future Water Distribution Plans

6.5 Million Dollar Project. Isn't That Enough?

Simply Put. NO

Replacement of Water Meters

- 20 yr. life expectancy
- est. 1 million needed
- Fund \$50,000.00 per year for replacement



SCADA System

- Equipment updates starting in 7 years.
- Est. \$50,000.00
- \$7,200.00 per year



Back up Generators

- Fund Replacement Cost
- Fund Fuel Cost
- Tank size 460 gal. x 3
- Uses 25 gal. per hr. x 3
- Cycles weekly
- 100 gal. per month x 3
- \$3.36 per gal. x 3 = \$12,100.00 year
- Not counting actual outage times



Unfortunately there's more

Water Continued

More system Improvements?

Yes

Continue Line Replacements

- Replace Remaining Lines*
- Program \$150 -\$200,000*
- Yearly or Bi-Yearly replace a section*
- 10 to 15 year program*

Wells

- Replace Motors and Update Panels*
- Well 1, Well 2, Well 3, Well 5 all need updating*
- 30+ years old*
- Unfortunately not allowed under ARRA Project*
- Could Fund one a Year with current Budget Numbers*

Other Considerations

- Addition of Well #7 testing*
- Storage Tank Inspection 4 years \$9,000.00 ea.*
- Equipment replacement strategy*

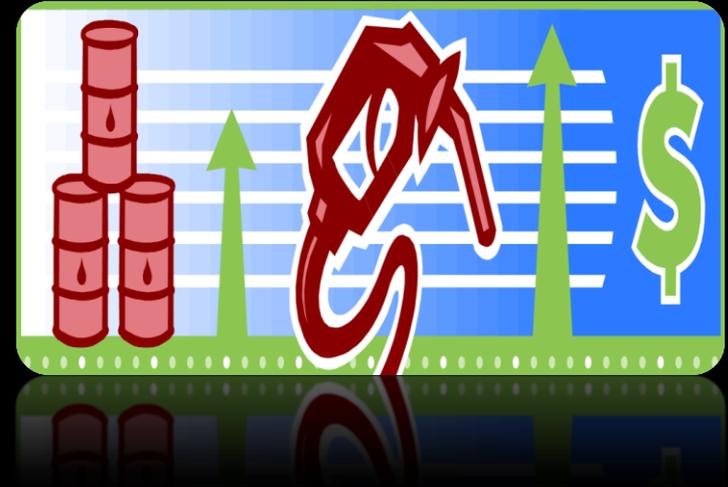


Funding Source

Retain Portion of 96 Bond

Transportation

- *Update The Master Street Plan*
- *Update Pavement Management Plan*
- *Update Maps with Rights of Way Information*

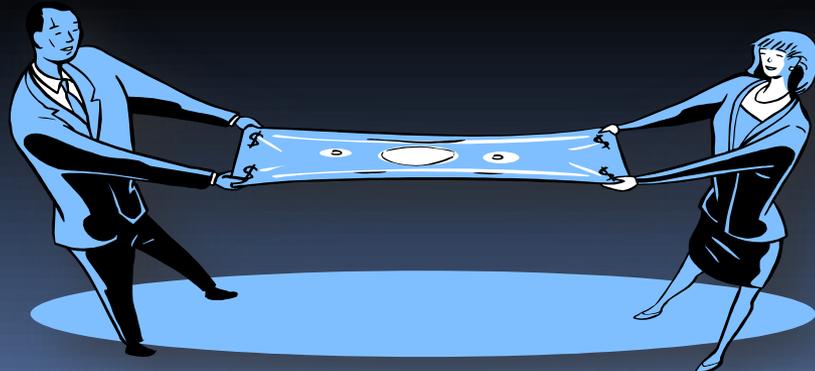


Cost and Funding

Asphalt Costs Have Risen 5X in The Last 6 years
It Currently Cost Approximately \$500,000.00 for ½ mile Road
We Have 32 Miles

Funding

We Currently receive Around \$102-\$106,000.00 Annually
Grant applications
No Mechanism in Place for Funding



Transportation

Road Scholar Program

- Rob , Kevan & John
- 60 Points on Grant applications



Local Highway Technical Assistance Council

Street Sweeping & Snow Removal

- Main St. and Center St. Bi- Weekly on Fridays
- Remainder of Curb and gutter areas as Needed
- Snow Removal of 2" or more Unless Blowing Conditions Exist
- ALL Major Routes Taken care of First/Then Secondary side Streets



Rail Road

- 5 yr. Weed Management Agreement
- 4 Bore Crossing Permits @ \$2500.00 Each
- Repair Secondary ASH St. N. Crossing

Future Planning For Parks

Main City Park

- *Remove Baseball Fields*
- *Addition of another Shelter*
- *Pathways Throughout Park*
- *Add Decorative Lighting*
- *Plant Additional Trees*
- *Possibly Incorporate a Rose Garden*
- *Water Feature*
- *Restrooms*



- *RV Park Impact*
- *Increased Demand For Facilities*
- *Facilitate Multiple Functions*
- *Greater Accessibility*
- *Safer in the Evenings*

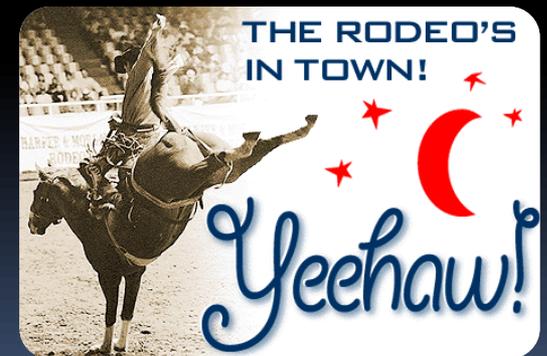


Future Parks

- *Create a Large Park Facility/ 10+ acres*
- *Base Ball fields*
- *Soccer fields*
- *Basketball Courts*
- *Tennis Courts*
- *Food Courts*
- *Restroom Facilities*
- *Rodeo Arena*
- *Event Center*
- *Endless List of Possibilities*

Funding

- *Park & Recreation Grants For Land Acquisition*
- *Work Through Developers*
- *Create a Park & Rec District*



What does Your Public Works Department Do?

- Daily Checks of All 6 well Locations*
- Take & Record Conductivity Readings*
- Check all system Operations At Each site*
- Check all Fluid and Grease Levels In Motors*
- Check For Abnormal Operations/ sound Levels*
- Service and Maintain all City equipment*
- Service and Maintain Police Department Vehicles*
- Maintain all City Owned Buildings*
- Repair Electrical Systems*
- Operate Equipment, trenchers, compactors, jack Hammers, sewer Jetter*
- Sewer camera equipment, Street sweeper, Loaders, Lifts, Hand tools of all types,*
- Snow removal equipment, Excavators, Man Baskets , Sewer Jetter, Line Locating*
- Equipment and Metal Detectors just to name a few*
- Installation and Repair of Water distribution System Lines, valves, Hydrants*
- Maintain, Service and test Fire Hydrants*
- Maintain and Repair all Waste Water Collection Systems*
- Maintain Lift stations*
- Jet Clean Main Lines*
- Locate Dig Line tickets for Contractors*
- Turn Water ON/OFF for repairs and for Non Payment*
- Ordinance Enforcement*



CONTINUED

- *Repair Sidewalks*
- *Build Ditch Boxes*
- *Burn Ditches*
- *Maintain Drainage System*
- *Spray Weeds*
- *Mow Weeds Around Rail Road system*
- *Mow Weeds and Till Lots Owned by City*
- *Maintain Tree Farm*
- *Mow and Maintain Main City Park, Ballard's Way Park, Kimberly Meadows Park, South Park 7 ACRES Total*
- *Maintain All Park Sprinkler Systems*
- *Maintain Pressurized Irrigation systems in Kimberly Meadows, Ballard's Way, Kimberly Heights, Stone Gate 4 Total*
- *Blow Out and Winterize Those PI Systems*
- *Clean Dog Pound*
- *Catch and Release Dogs*
- *Arbor Day Celebration Coordination*
- *Tree Planting*
- *Tree Trimming*
- *Tree Removal*
- *Maintain all Park Amenities*



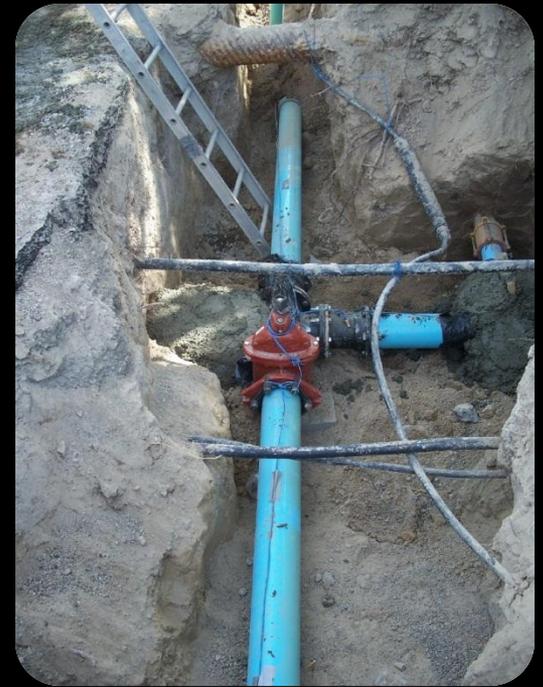
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- *Prepare City Parks For Community Events*
- *Paint Facilities*
- *Maintain All Play Equipment*
- *Install Play Ground Equipment*
- *Maintain all Fall Material*
- *Street Closures*
- *Street Patching and Repairs*
- *Street Traffic Control*
- *Street Sweeping*
- *Snow Removal*
- *Sign Management Replace & Repair*
- *Water Sample Testing*
- *Lead and Copper*
- *VOC Testing*
- *SOC Testing*
- *Chlorine Residual testing*
- *Inorganic Compound testing*
- *Organic compound testing*
- *Uranium Testing*
- *CCR Consumer Confidence Reporting*



Continue

- *Canal Maintenance*
- *SCADA Control*
- *Electrical Troubleshooting*
- *Building Maintenance*
- *Design*
- *Shooting Grades*
- *Public Service*
- *Customer Service*
- *Water Meter Installation*
- *Water Meter Programing*
- *Engine Repair*
- *Fabrication*
- *Welding*
- *Acetylene Torch Operation*
- *Plasma Torch Operation*
- *Un Paved Road Maintenance*
- *Cross Connection Control*
- *Waste Water Monitoring*
- *Framing*



Enough Already!

There's So Much More.

*The Point Is we do a lot of things That Most Will never See
We Have a Devoted Group Of Guys, That work very hard to
Make sure that what the "Community" has invested in, will last as
Long as possible.*

WHY The RUB?

MANPOWER

*6 years ago the Department operated with a crew of 5
Since then we have been operating with a Skeleton crew of 4
I Believe all of us are fully aware of the Growth,
the New system Improvements ,
the additional infrastructure that has Come with that growth
and are painfully Aware of our need for New Equipment.*

*We would respectfully request for your consideration
to Hire another employee and bring us back to a crew of 5*

THE END

