

# City of Reno

## SCR 26 Subcommittee Presentation

### Feasibility and Advisability of Consolidating the Water-Related Services in Washoe County

November 30, 2005

Steve Varela, Public Works Director

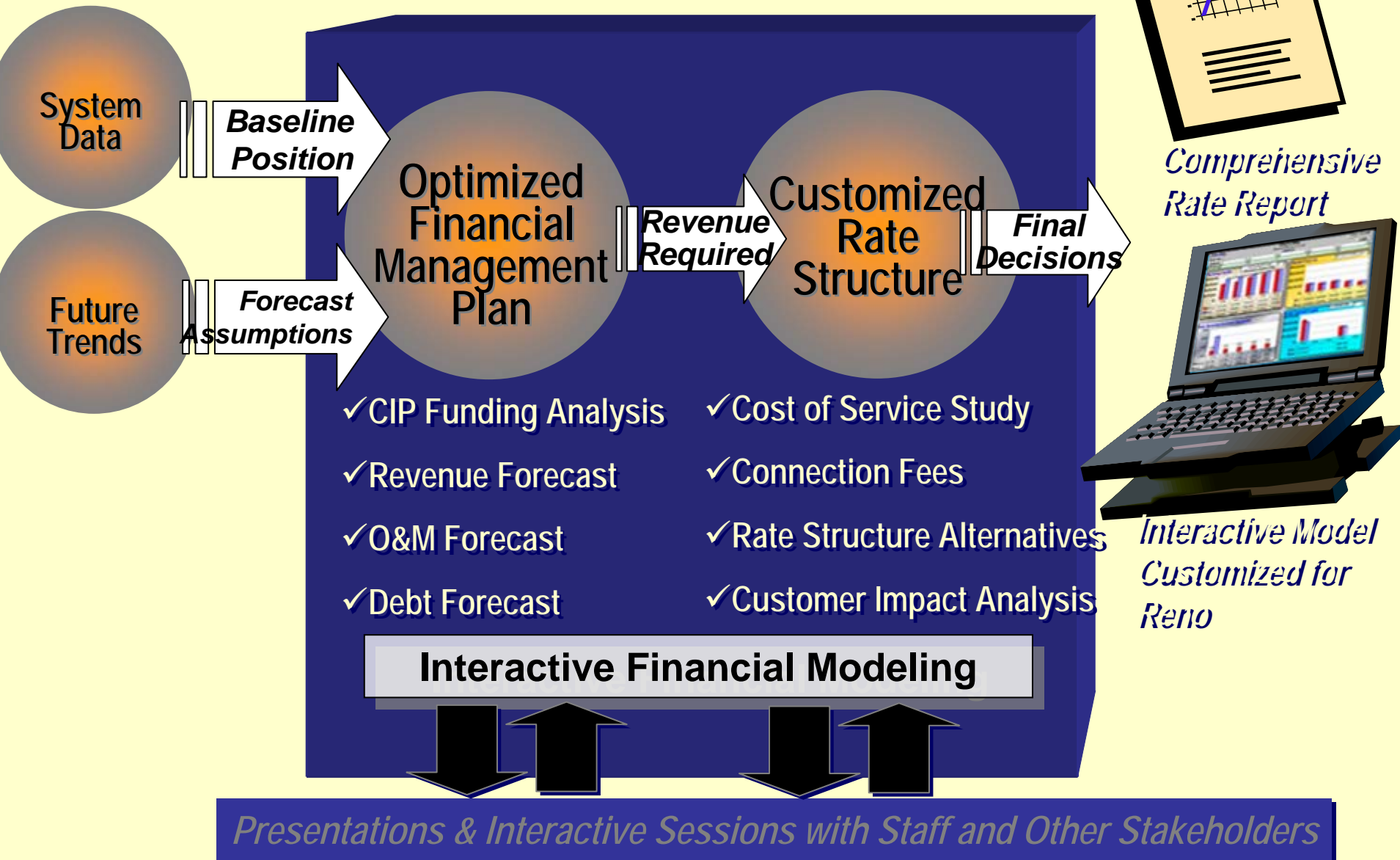
Greg Dennis, Sanitary Engineer

EXHIBIT **D** Committee Name **Washoe** Document consists of **12 slides**  
☒ Entire document provided.  
☐ Due to size limitations, pages \_\_ provided. A copy of the  
complete document is available through the Research Library (775/684-6827)  
or e-mail [library@lcb.state.nv.us](mailto:library@lcb.state.nv.us). Meeting Date: **11-30-05**

# Financial

- **Operated as an enterprise fund, no allocation from any tax**
- **Two funding mechanisms**
  - **User Fees (Operations, Maint. Repair & Replacement)**
  - **Connection Fees (New Capacity – Growth Related)**

# Sewer Rate Process



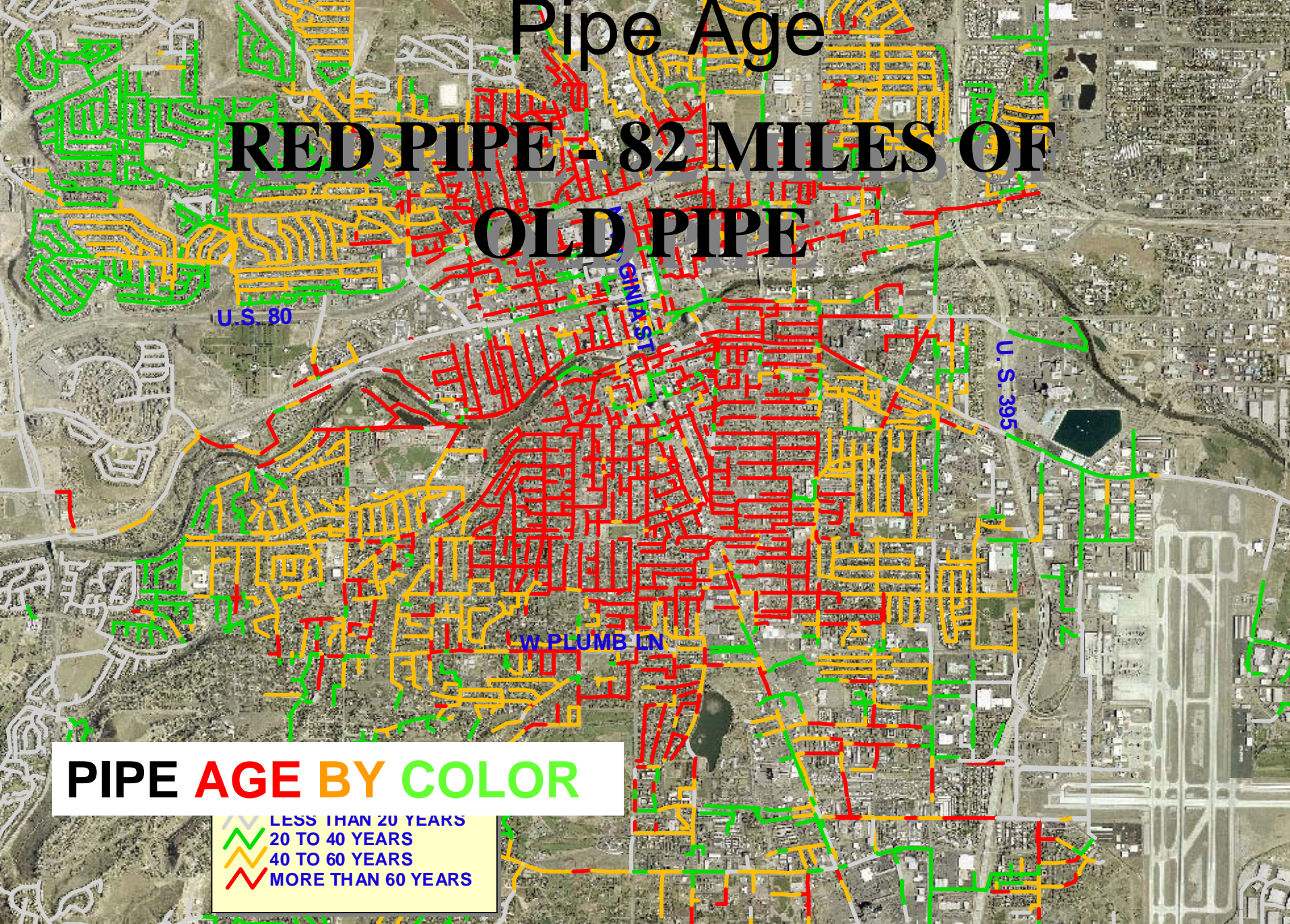
# Ongoing & Future Expenditures

- Current Expansion of TMWRF & RSWRF - \$83M
- Interceptors to Lawton Verdi Area - \$15M
- Reno Stead Water Reclamation Facility to 4.8Mgd - \$50M
- Reclaimed Water Use - North Valleys & Truckee Meadows
- Non-Structural Elements - \$35M
- TMWRF Future Expansion - \$77M
- Interceptors & Service to Transit Oriented Development - \$54M
- R & R \$20M per year



# Pipe Age

**RED PIPE - 82 MILES OF  
OLD PIPE**





# Operations

- 690 Miles – Sewer
- 200 Miles – Storm sewer
- 50 Miles of open drainage Ways
- 6 Flood Detention Dams
- 24 Lift Stations
- Two Water Reclamation Facilities
  - Truckee Meadows Water Reclamation Facility – (68%)
  - Reno/Stead Water Reclamation Facility
  - All WAS is handled by TMWRF

# Management & Staffing

Reno Only

- **Under Public Works**
  - **Sewerlines Maintenance**
    - Operations and Maintenance – 38+ FTE's
    - Reno Stead Water Reclamation Fac. – 4 FTE's
  - **Sanitary Engineering**
    - Environmental Control – 7 FTE's
    - Sanitary Engineering – 20 FTE's
- **Reno & Sparks Joint Ownership and Shared Responsibilities for TMWRF**

Mill St. SS Bypass

11/14/2003



# Functions

- Operations & Maintenance
  - Wastewater Plants, Effluent Reuse, Collection System & Pump Stations, Storm water facilities, Dam Safety, Emergency Needs, Effluent Reuse
- Repair and Replacement
  - R & R of Wastewater Plant Facilities
  - R & R of Collection System
- Permitted Programs – Stormwater, pretreatment, Wastewater Discharge



# Engineering Programs

- **Long Range Facility Planning**
- **Wastewater Treatment**
  - **Repair and replacement**
  - **New capacity: TMWRF & Reno Stead Area**
- **Collection System – Reno, Stead and South Truckee Meadows Areas**
  - **Repair and replacement Program**
  - **New capacity**
- **Effluent Reuse (Reclaimed Water)**
- **Non-Structural Elements: River Restoration, Instream Flows, Water Quality Improvements (TNC partnership)**
- **Water Quality Planning**
- **Permitting, Environmental Control Inspections**
- **Water Rights Management**
- **Revenue needs**

02/28/2005

# Customer Base 9/30/05

- 56,831 Accounts
- 91,908 Units: Residential, Multifamily & Commercial
- 47,316 Single Family Units
- 40,936 Multifamily Units
- 3,656± Commercial Accounts
- User Fee Revenue: \$24.25/mo, \$33M ± (2006)
- Connection Fee Revenue: \$4,321/Res., \$10M ±



# Water Related

- Effluent Management & Expansion Program for Importation of water from Fish Springs
- Funding & Mgt. of Water Quality Settlement Agreement
- Negotiations for instream flows & river water quality
- Effluent Reuse operations, both Stead & TMWRF (UNR Farms)
- TROA Negotiations & other issues related to river TMDL
- Regional Water Planning Commission activities
- TMWA Board, TMWA TAC
- Agreements, Water Right activities for City owned assets
- Local Coordination of Jointly managed functions



# Thank You

