



SECOND CREEK PIPELINE

Metro Wastewater Reclamation District

*Commerce City Public Hearing
November 2, 2020*



SECOND CREEK PIPELINE

Agenda

- I. Introductions
- II. FRICO update
- III. Local service
- IV. Regional system planning
- V. Community benefits

O'Brian Canal Crossing Update

- Agreement in principle reached between Metro District and FRICO
- Agreement addresses and satisfies safety, constructability and operational needs for all parties

LEGEND

- RWHTF Service Area
- NTP Service Area
- SSTA Boundary
- WWTP

Basin

- Central Denver North
- Central Denver South
- Cherry Creek
- Clear Creek
- Lower South Platte
- Sand Creek
- Second Creek
- South Platte

4

SECOND CREEK PIPELINE

METRO WASTEWATER
RECLAMATION DISTRICT

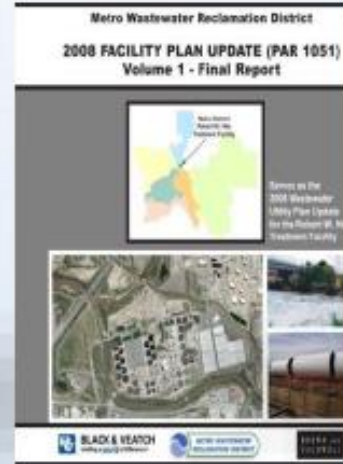
Local Wastewater Transmission and Treatment Service

- This project will directly serve C3 to support future economic growth and community development
- C3 service is provided by Metro District member South Adams County Water and Sanitation District (SACWSD)
 - SACWSD supports this project due to infrastructure and cost-sharing benefits for its customers, including C3



Part of the region's plans for more than four decades, the Northern Treatment Plant provides advanced, cost-effective water reclamation for surrounding communities

Regional System Planning

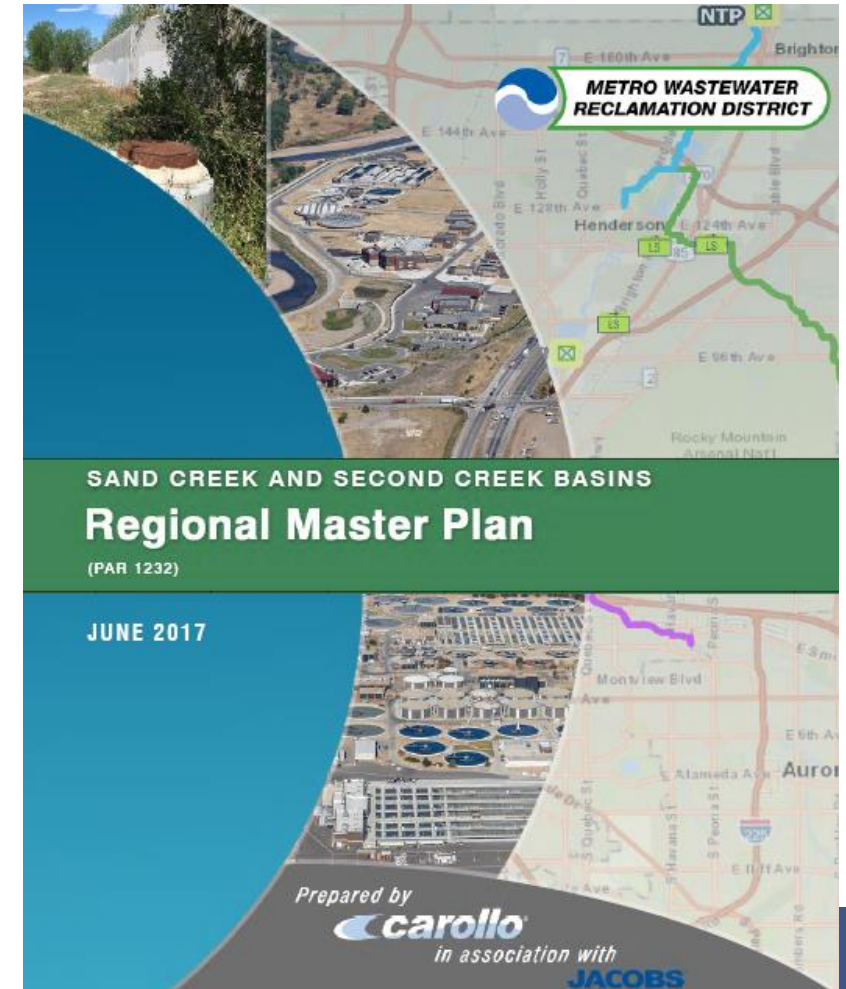


*SCI – Sand Creek Interceptor / SPI – South Platte Interceptor / SDI – Second Creek Interceptor

SECOND CREEK PIPELINE

Regional Master Plan

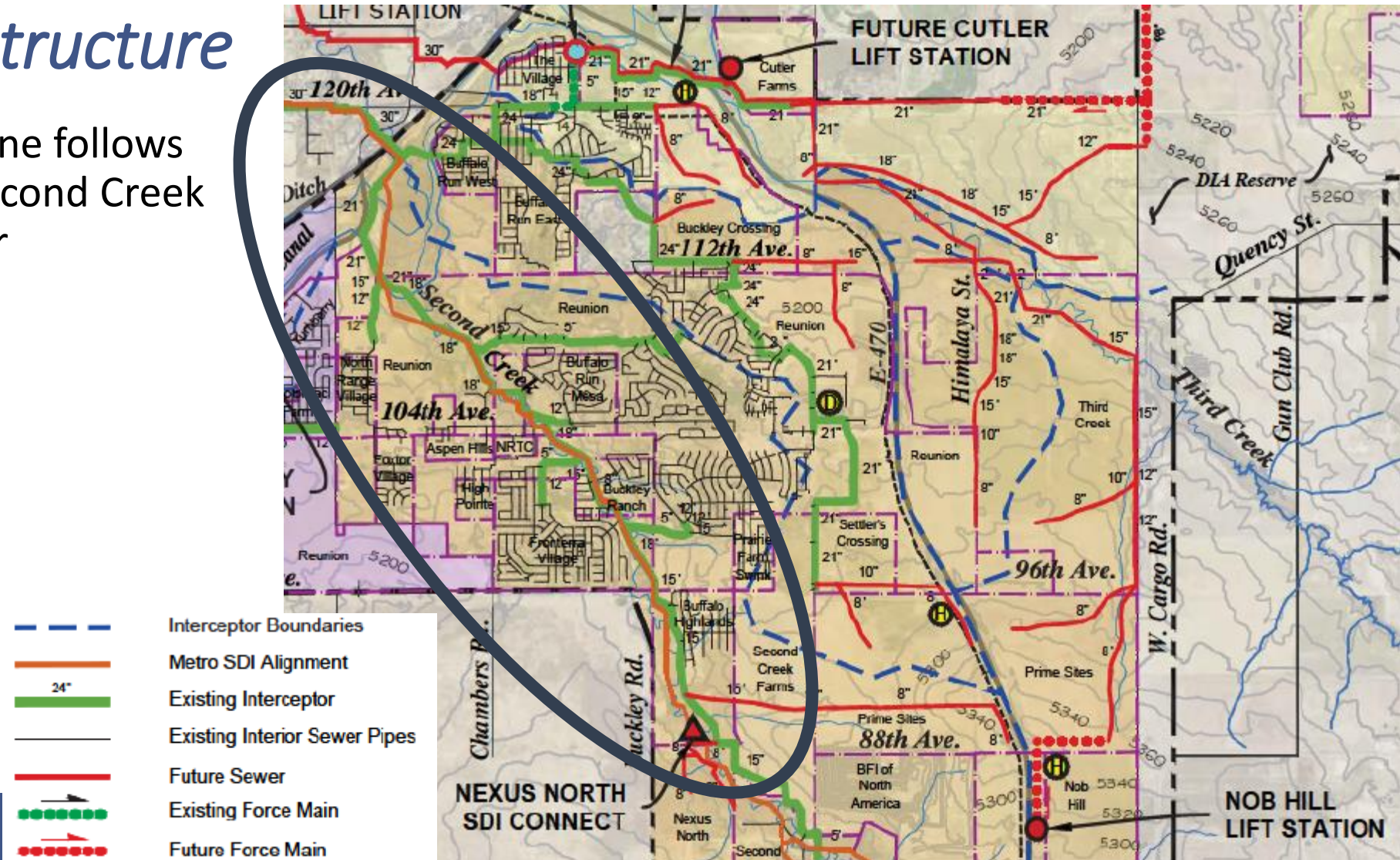
- Collaborative planning effort with C3's wastewater provider: SACWSD
- Identified this project as the long-term solution for cost-effective service in the northern communities
- Regional project cost spread across all District members, while directly benefitting C3
- Avoids a parallel interceptor independently built and paid for by SACWSD, which would affect C3 rates



SECOND CREEK PIPELINE

Existing Infrastructure

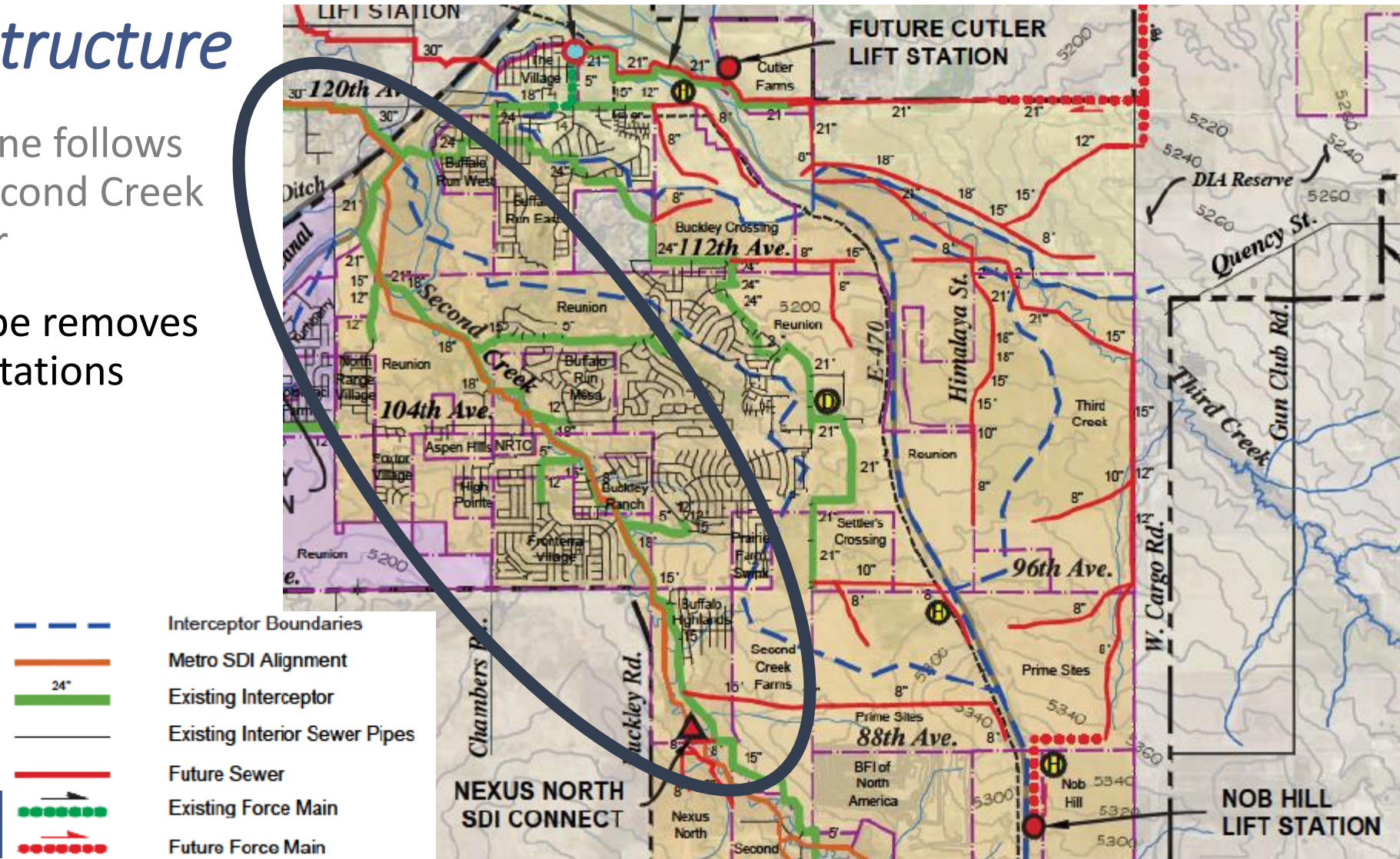
- Second Creek pipeline follows existing SACWSD Second Creek Basin utility corridor



SECOND CREEK PIPELINE

Existing Infrastructure

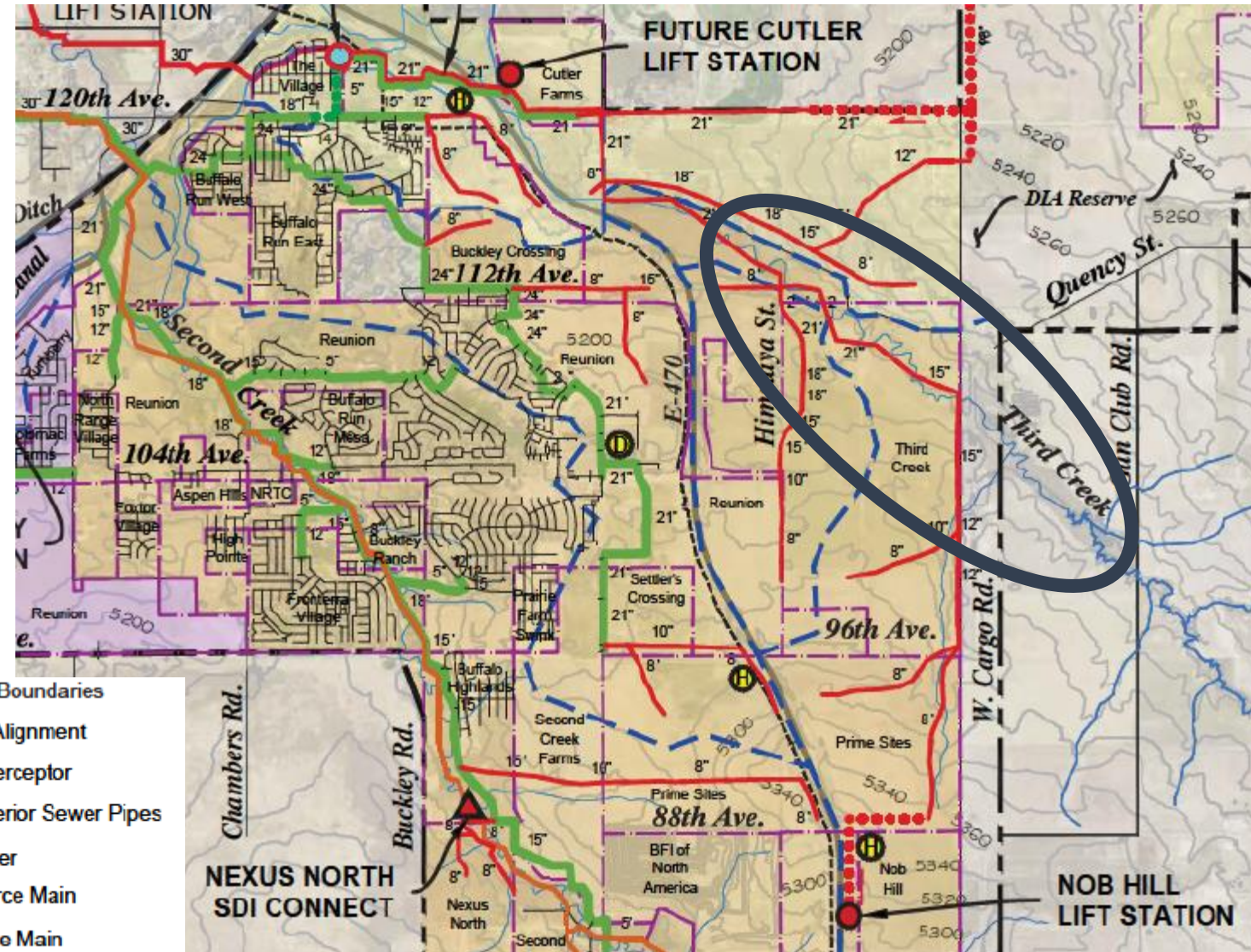
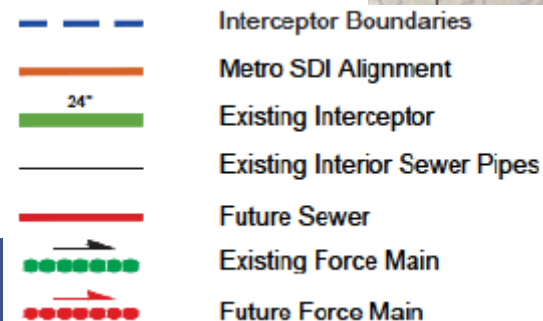
- Second Creek pipeline follows existing SACWSD Second Creek Basin utility corridor
- Gravity powered pipe removes five existing pump stations



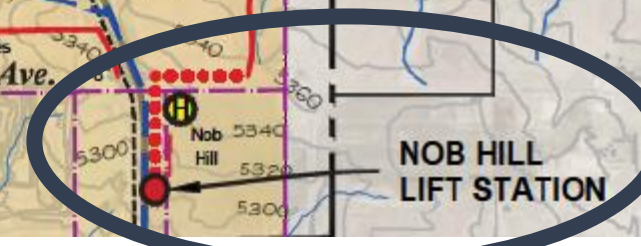
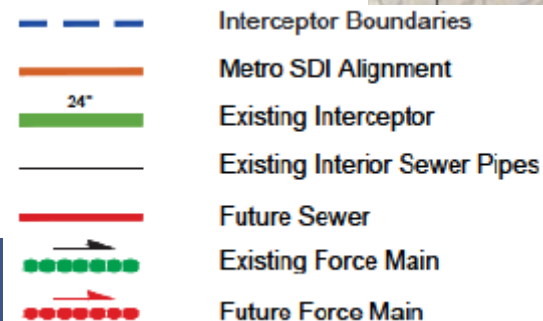
SECOND CREEK PIPELINE

Existing Infrastructure

- Second Creek pipeline follows existing SACWSD Second Creek Basin utility corridor
- Gravity powered pipe removes five existing pump stations
- New pump station/s would be required to lift flow to the Third Creek Basin



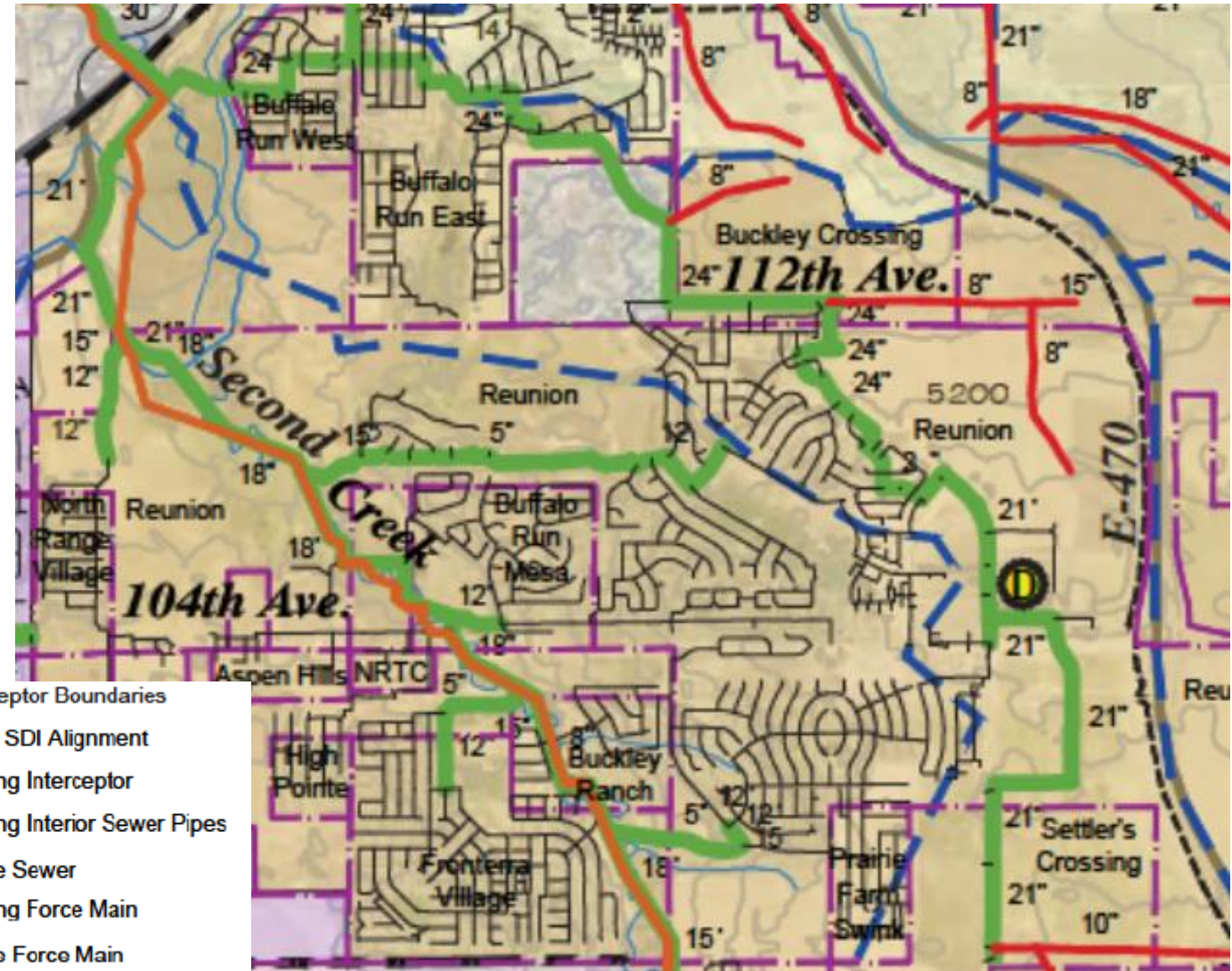
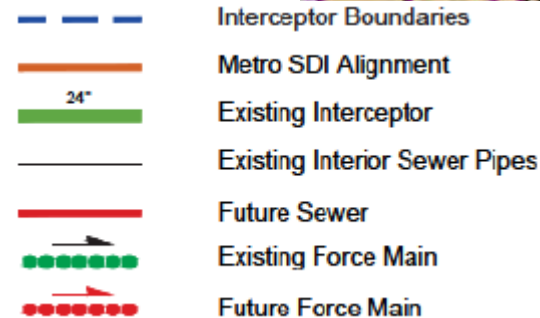
- Second Creek pipeline follows existing SACWSD Second Creek Basin utility corridor
- Gravity powered pipe removes five existing pump stations
- New pump station required to lift flow to the Third Creek Basin over Nob Hill
- Second Creek pipeline may allow for SACWSD to eliminate planned Nob Hill Lift Station



SECOND CREEK PIPELINE

Meeting Future Needs

- Provides essential infrastructure and long-term capacity for economic development in C3
- Gravity powered design is safer, cleaner and cheaper for District members, including SACWSD/C3
- Eliminates need for future SACWSD pipe in same corridor with no cost sharing

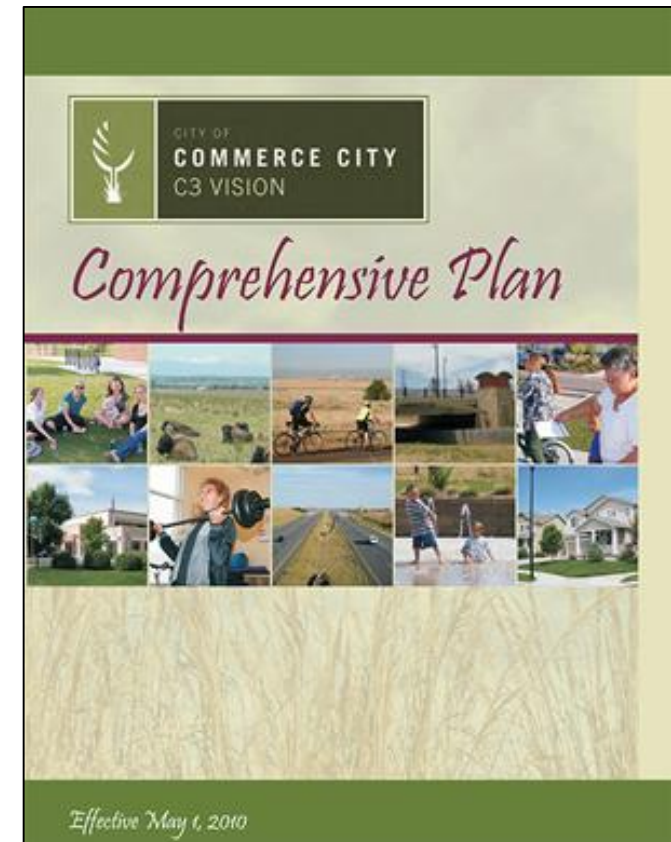


METRO WASTEWATER
RECLAMATION DISTRICT

SECOND CREEK PIPELINE

Supports the Commerce City Comprehensive Plan

- **Commerce and Economy:** Supports existing and planned development
- **Context and Environment:** Preserves the natural character and landscape of the surrounding community
- **Community and Social Well-Being:** Sustainable design of a long-term regional solution



METRO WASTEWATER
RECLAMATION DISTRICT

SECOND CREEK PIPELINE

Benefits for Commerce City

- Provides cost-effective and long-term service to support existing and planned development in C3
- Creates about 4-miles of new gravel access roads designed to C3 trail standards
- Routes complement C3 trail system master plan
- Improves neighborhood connectivity to Bison Ridge Rec Center
- Restoration or improvement of existing land conditions and wildlife protection





METRO WASTEWATER
RECLAMATION DISTRICT

SECOND CREEK PIPELINE

QUESTIONS?

Contact Us:

SecondCreek@mwrd.dst.co.us

(303) 286-3115 (English)

(303) 286-3116 (Spanish)