

PLN2018-00029

City of Thornton Big Dry Creek IGA

February 26, 2019

Board of County Commissioners

Community and Economic Development

Case Manager: Greg Barnes



Request

- Intergovernmental Agreement (IGA) with City of Thornton for Areas and Activities of State Interest (AASI)
- Major Extension of a Domestic Sewage Treatment System
 - 2.4 miles of a 16-inch force main
 - 1.6 miles of 27-inch gravity sewer interceptor

Background

- Big Dry Creek Lift Station (BDCLS)
 - Owned and operated by City of Thornton
 - Serves northernmost area of city
 - Wastewater pumped to Northern Treatment Plant
- Metro Wastewater IGA
 - Must route flows from BDCLS to Todd Creek Interceptor by December 31, 2020
 - Requires expansion of BDCLS and new force main/interceptor

Criteria for IGA/ AASI

Section 6-16

- Conform to the Comprehensive Plan
- Compatible with surrounding area
- Must not create a nuisance or negatively impact transportation
- Technically and financially feasible
- Must not significantly degrade the environment
- Include consideration for relevant regional water quality plans
- Must not negatively impact recreational or agricultural activities
- Must serve the needs of increasing population

Colorado Blvd.

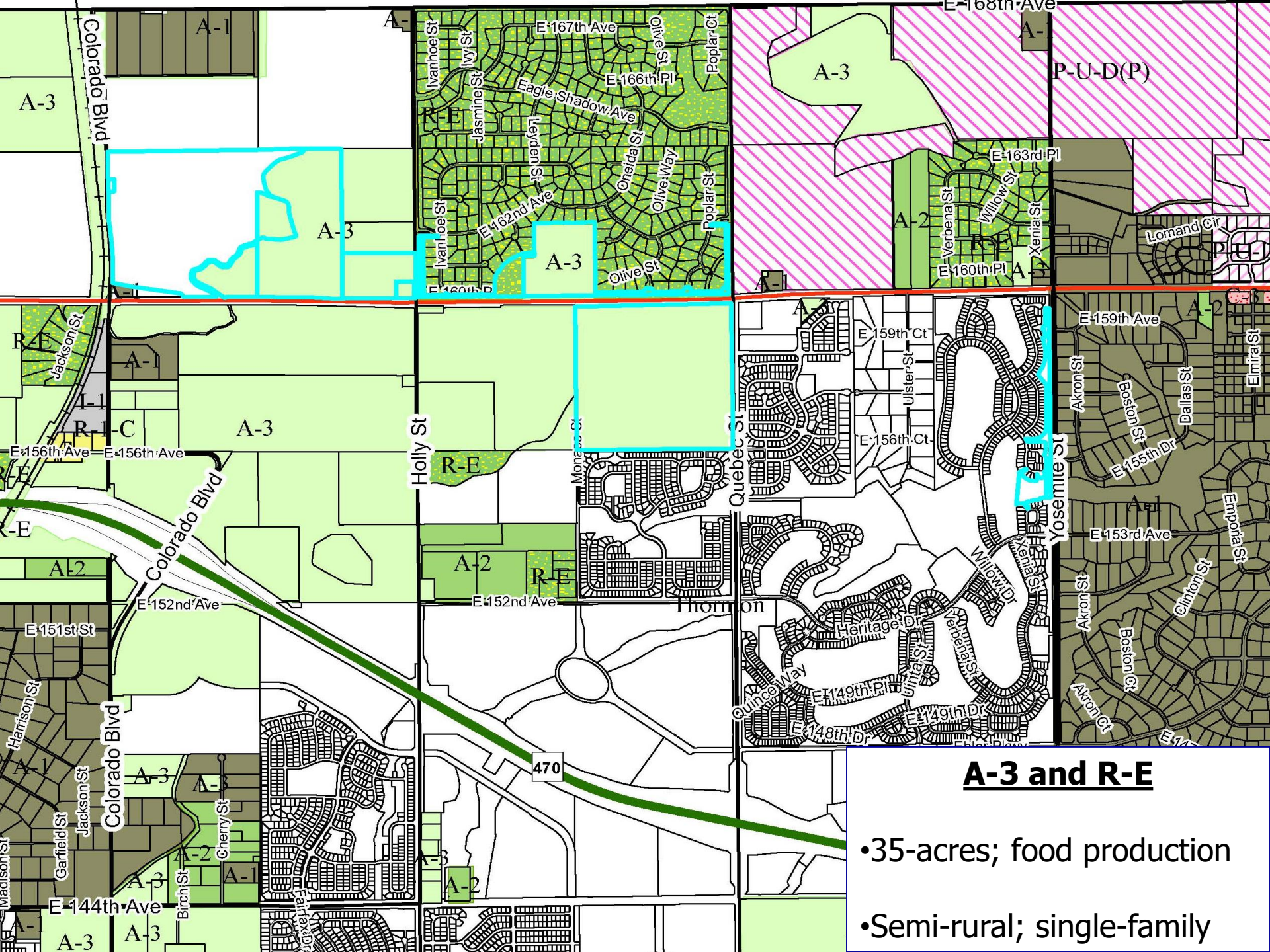
E 168th Ave

Quebec St.

Yosemite St.

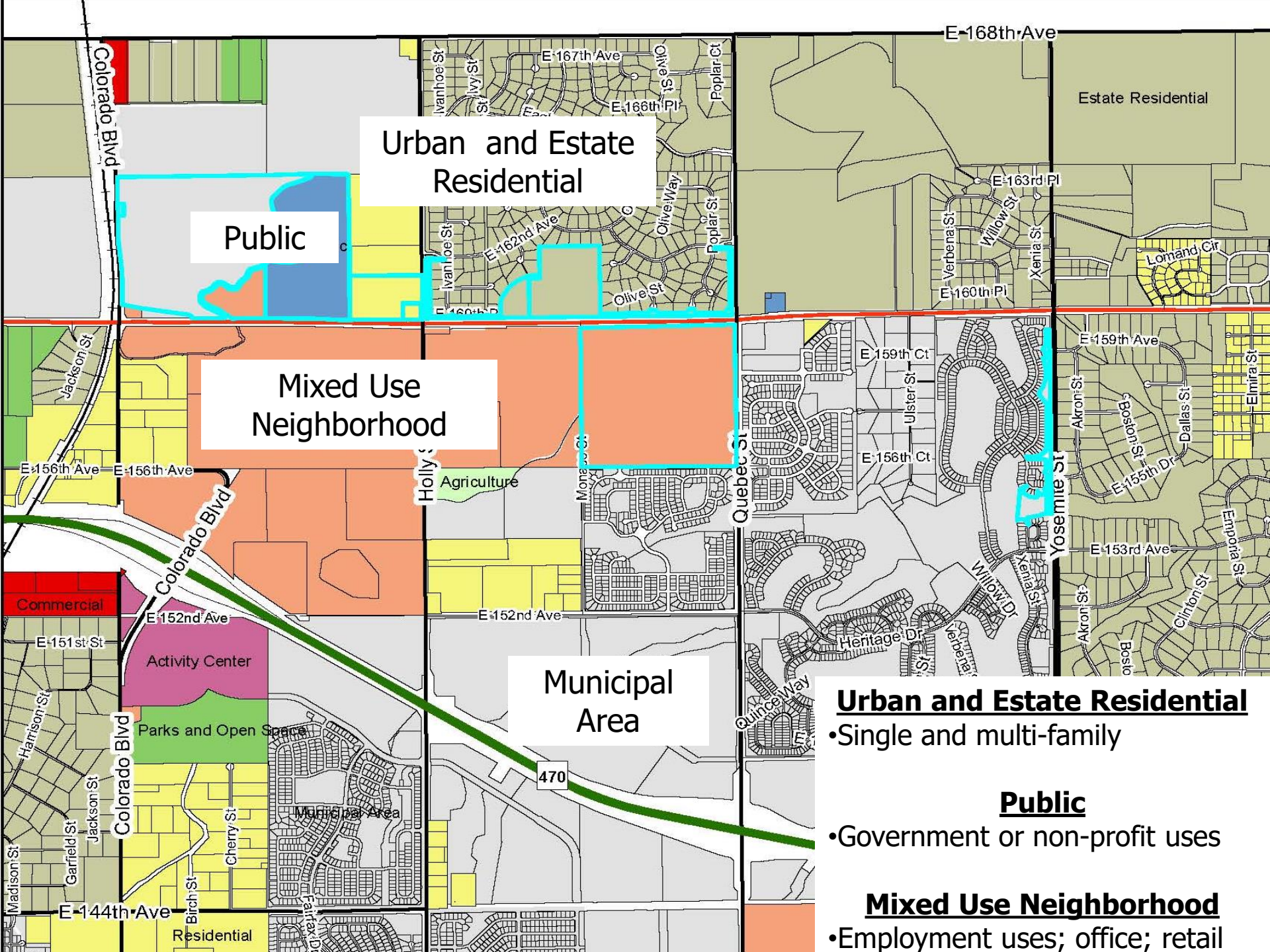
Highway 7

470



A-3 and R-E

- 35-acres; food production
- Semi-rural; single-family



Urban and Estate
Residential

Public

Mixed Use
Neighborhood

Municipal
Area

Urban and Estate Residential

- Single and multi-family

Public

- Government or non-profit uses

Mixed Use Neighborhood

- Employment uses; office; retail

Preferred Route



**Big Dry Creek
Lift Station**

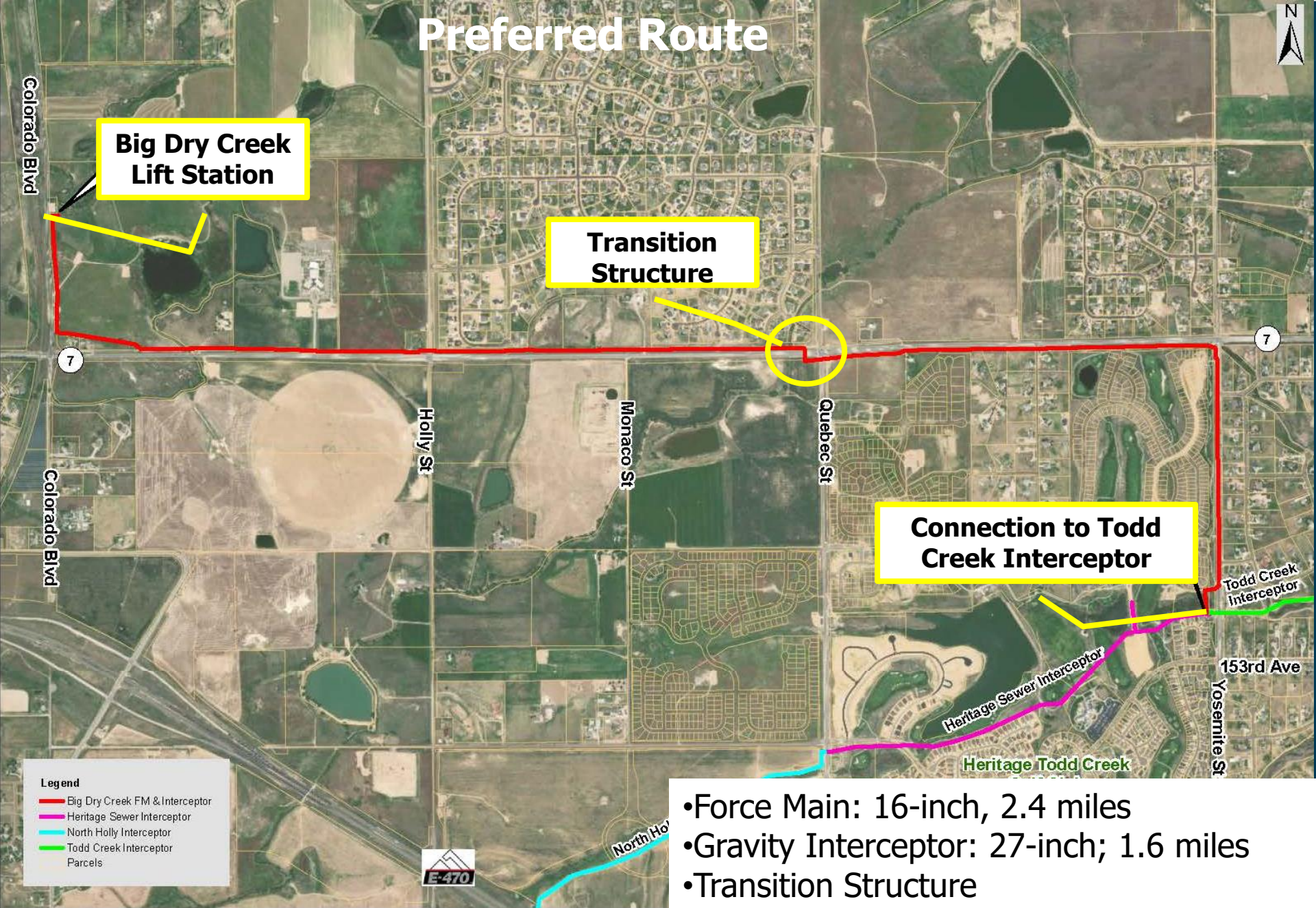
**Transition
Structure**

**Connection to Todd
Creek Interceptor**

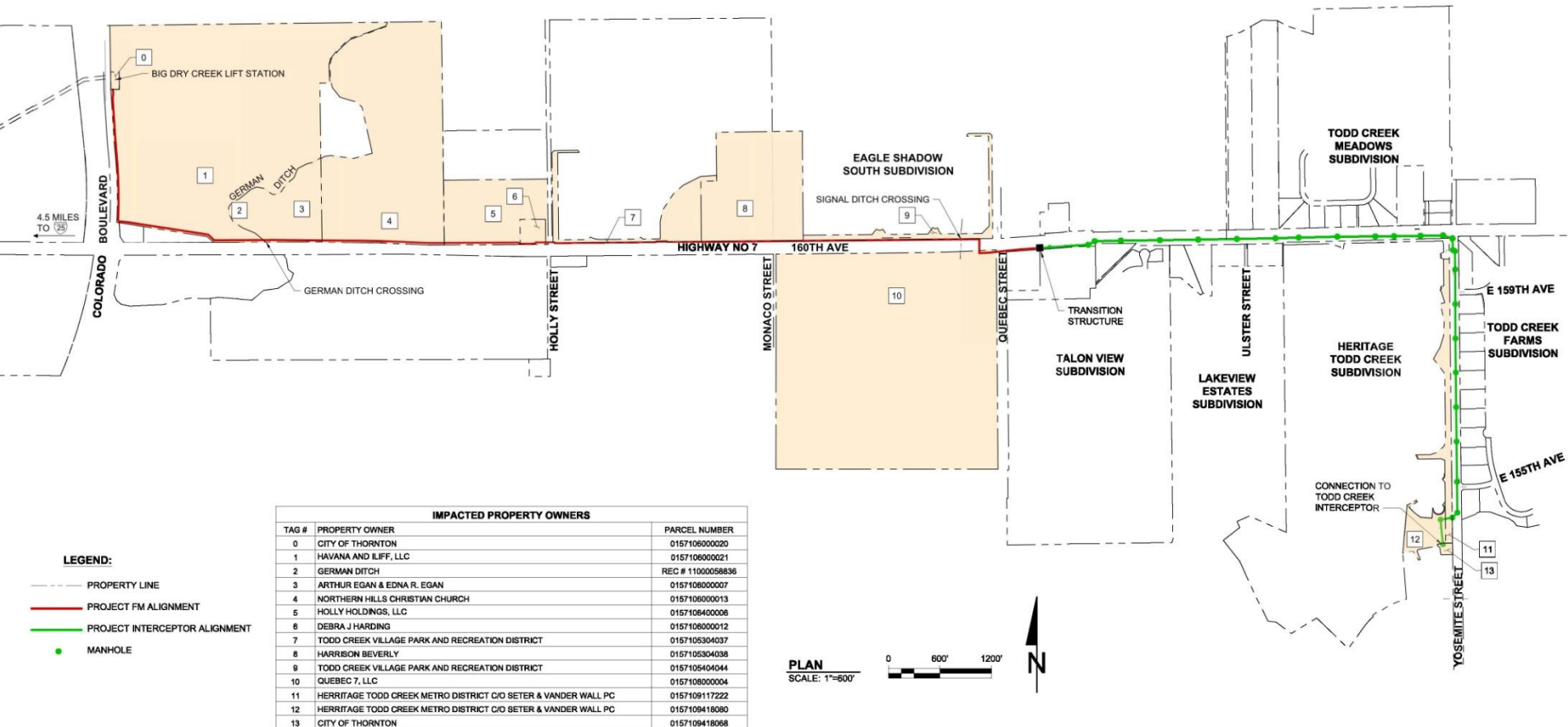
Legend

- Big Dry Creek FM & Interceptor
- Heritage Sewer Interceptor
- North Holly Interceptor
- Todd Creek Interceptor
- Parcels

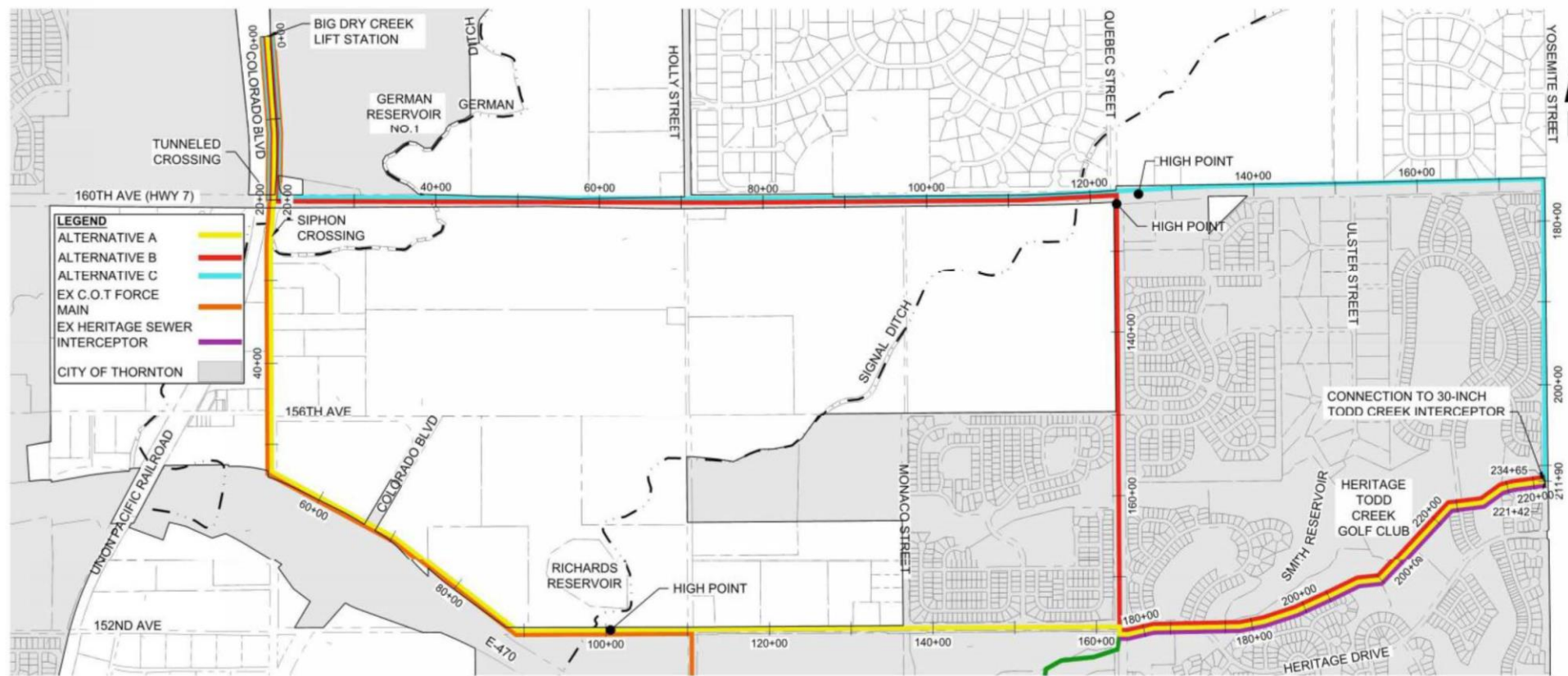
- Force Main: 16-inch, 2.4 miles
- Gravity Interceptor: 27-inch; 1.6 miles
- Transition Structure



Impacted Parcels and Right-of-Way



Alternative Alignments



Referral Comments

- No concerns:
 - Brighton and Thornton Fire
- Comments:
 - Tri-County: identify potential OWTS on residential sites
 - CDOT: right-of-way permits
 - Xcel and Metro Wastewater: engineering review
- Property Owners and Residents within 700 ft:

Notifications Sent	Comments Received
382	0

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Recommendation

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Staff recommends Approval based on 30 Findings-of-Fact