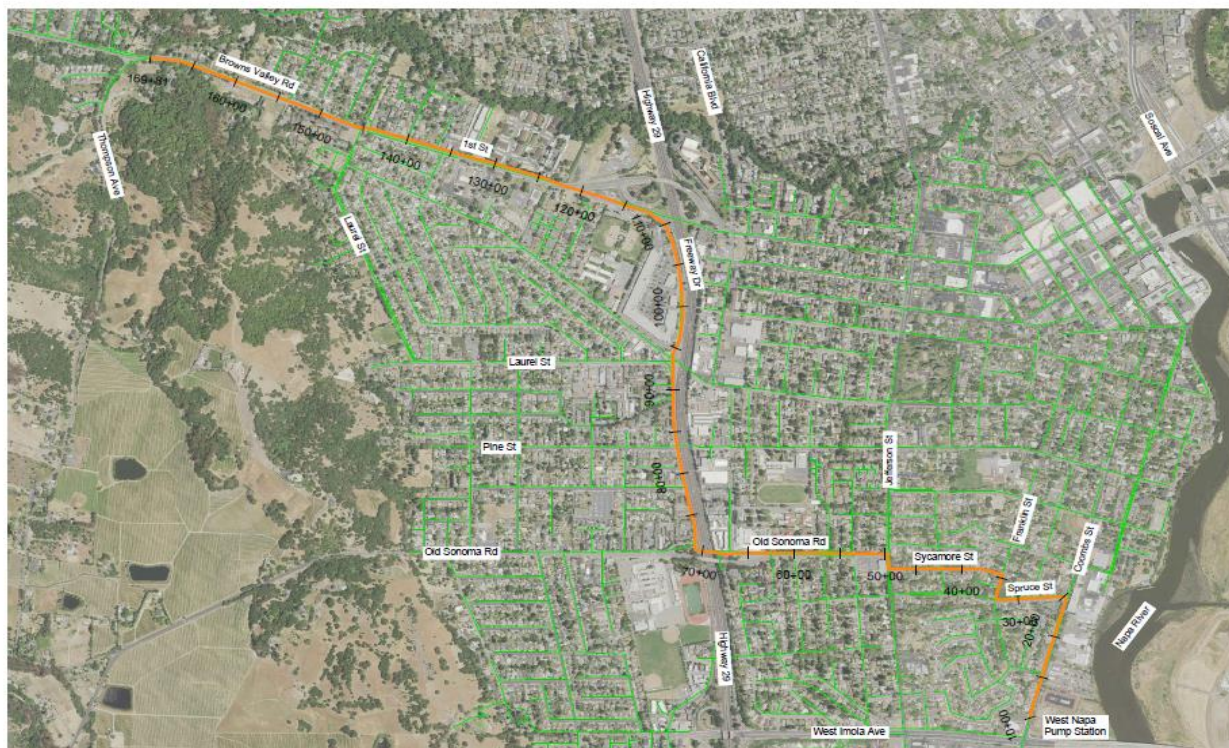


# Browns Valley Trunk (BVT) Project – Project Update and CEQA Overview



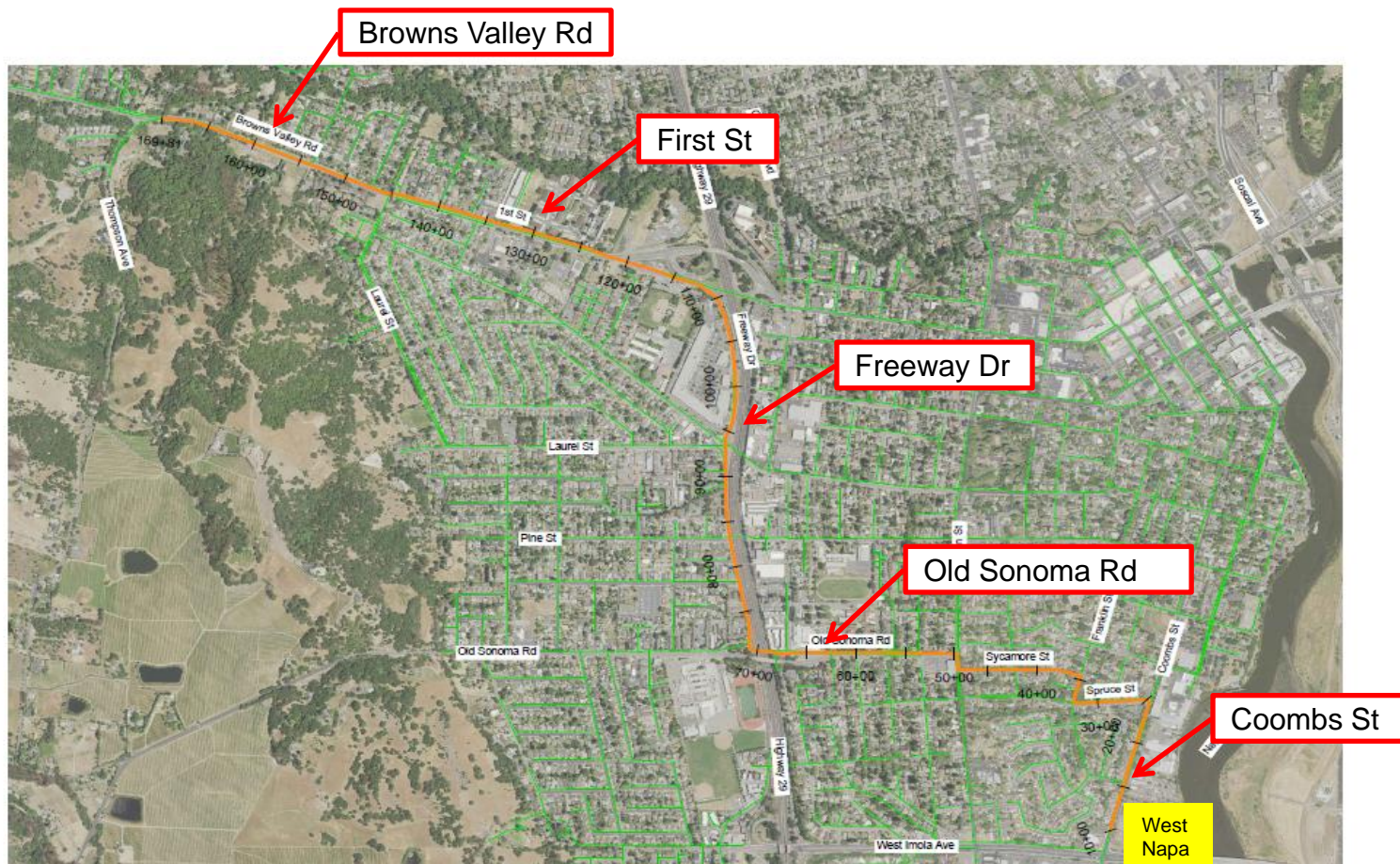


# Background

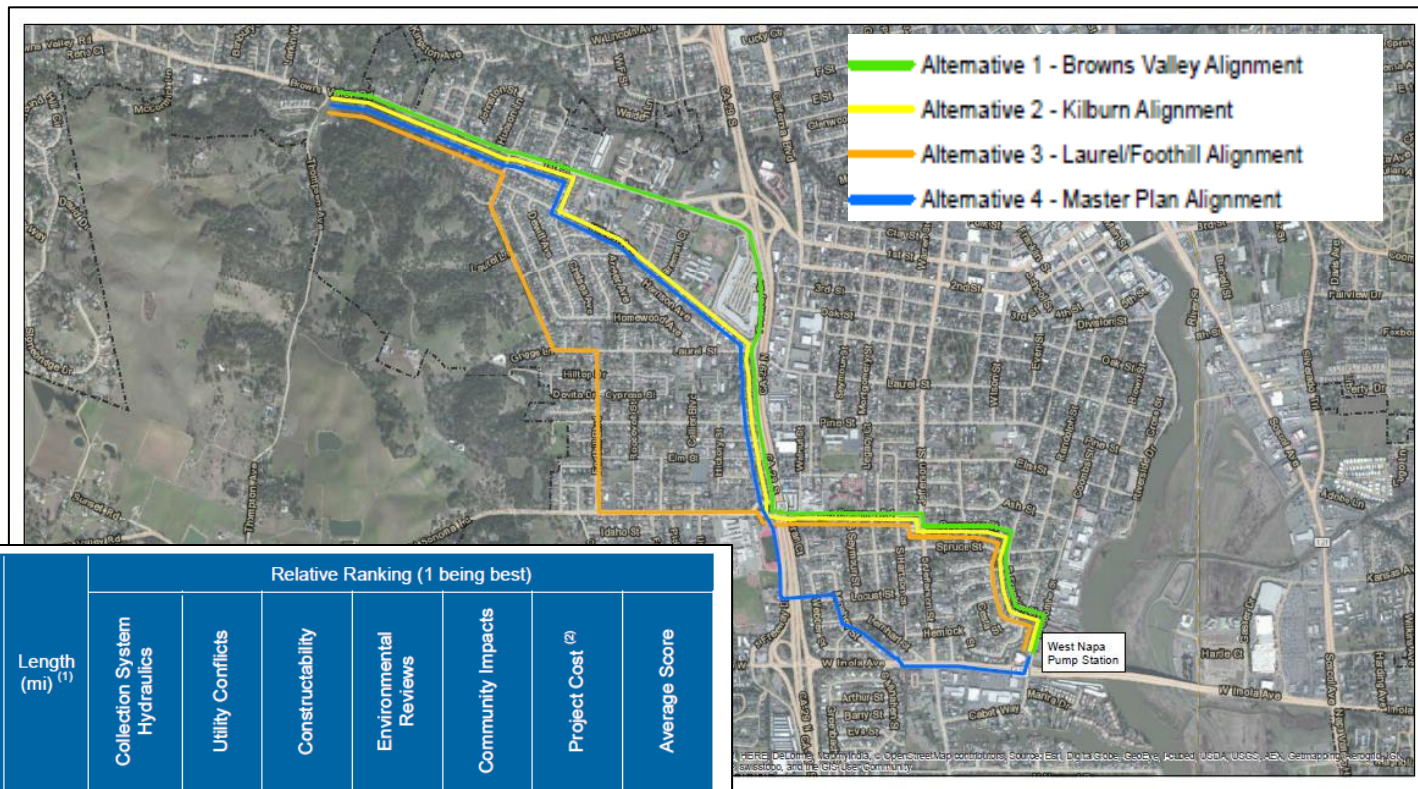
- Collection System Master Plan (CSMP) 2007
  - Identified \$120 million in capacity expansion projects
  - Recommendation of an Infiltration & Inflow (I&I) Reduction Program
- 6 major rehabilitation projects completed so far
- Existing capacity issues in West Napa basin



# Project Alignment



# Alignment Options

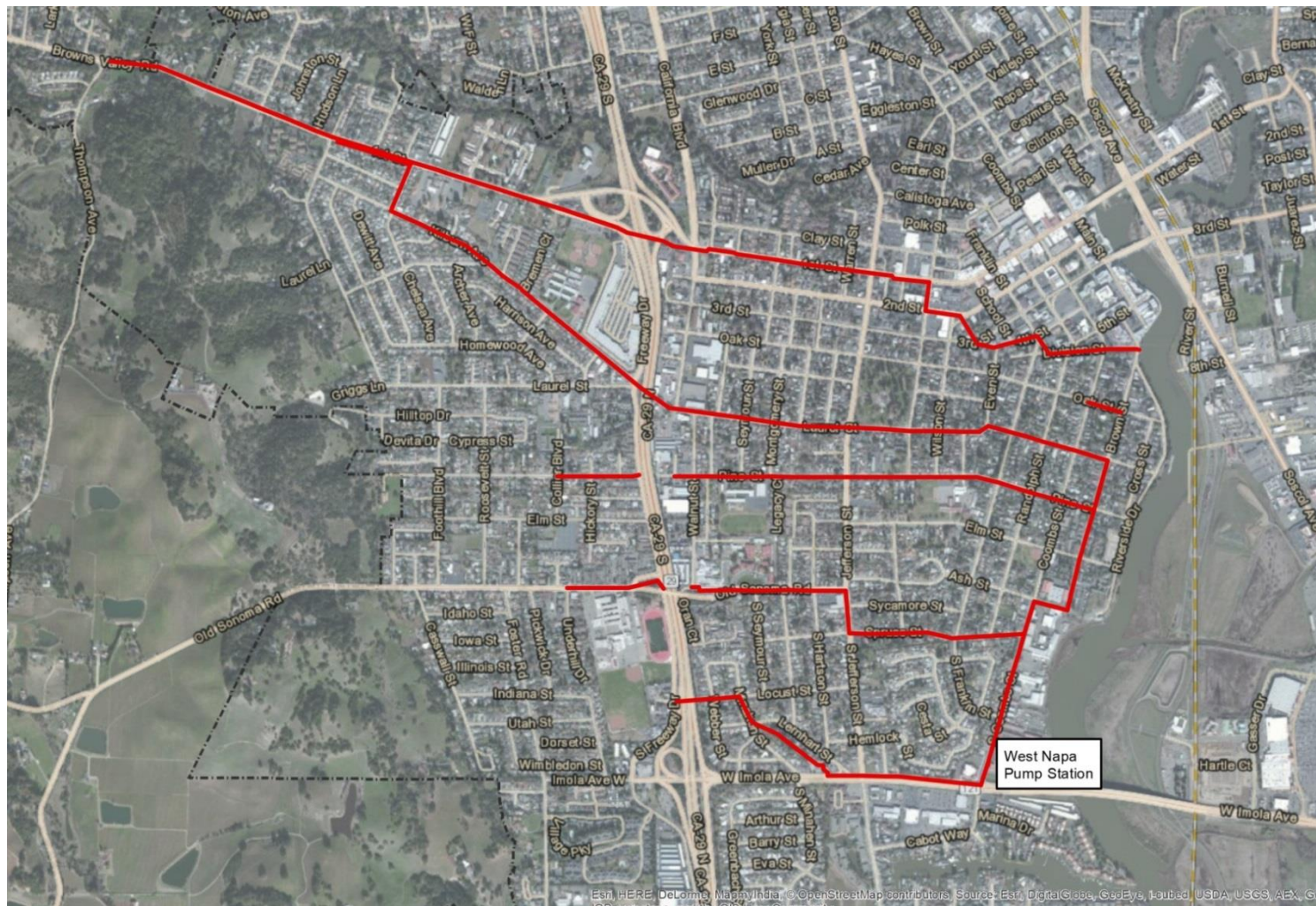


Alternative	Length (mi) <sup>(1)</sup>	Relative Ranking (1 being best)						Average Score
		Collection System Hydraulics	Utility Conflicts	Constructability	Environmental Reviews	Community Impacts	Project Cost <sup>(2)</sup>	
Browns Valley	3.06	1	1	1	1	1	1	1.0
Kilburn	2.75	2	3	2	1	3	3	2.3
Laurel/Foothill	2.97	4	4	4	1	2	4	3.2
CSMP	2.91	2	3	3	1	4	2	2.5

1. Lengths include trunk sewer only; future projects not included.
2. Project cost represents Browns Valley Trunk plus future capacity upgrade projects in West Napa.

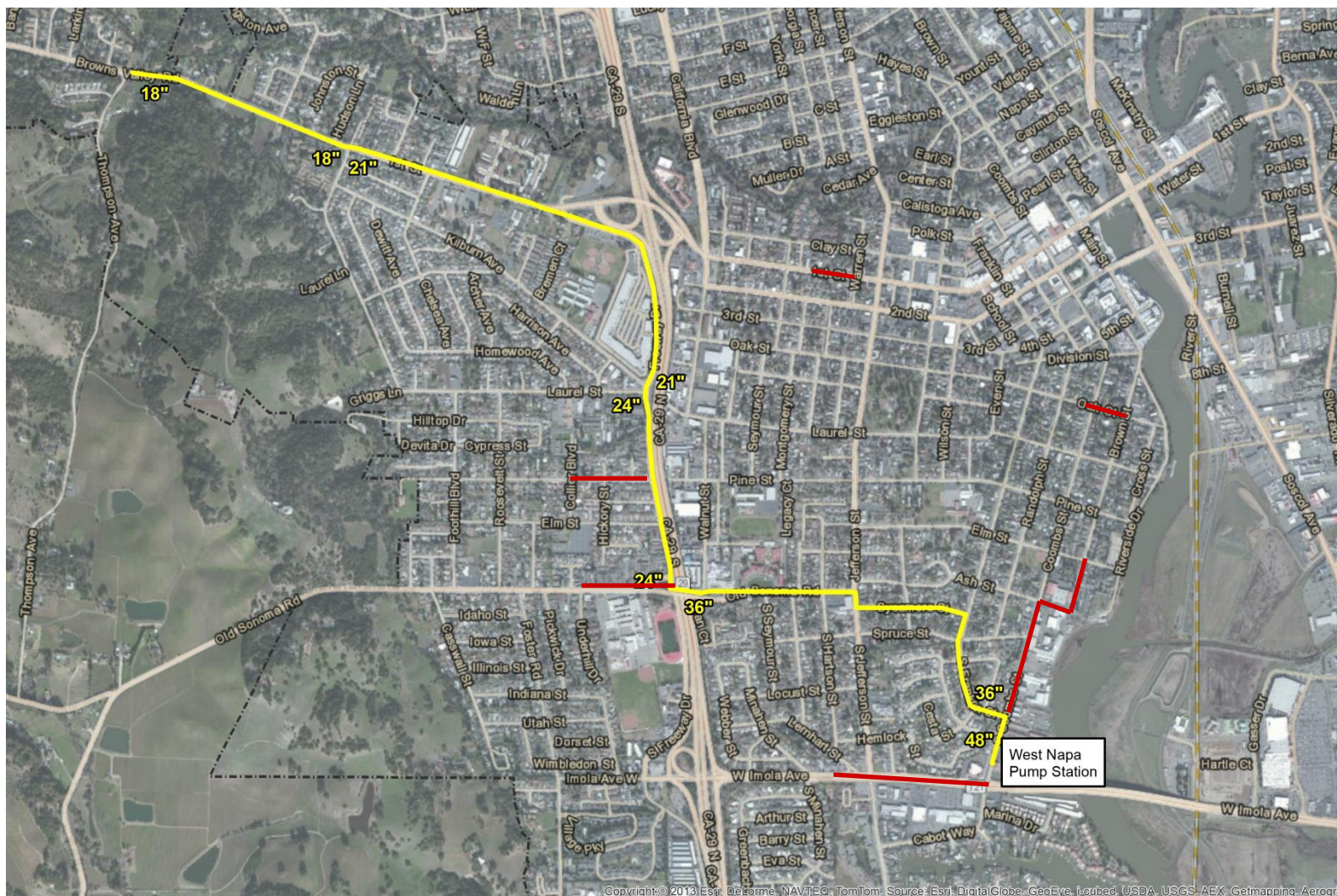


# Capacity Issues Pre-Construction





# Capacity Issues Post-Construction





# West Napa Basin Flows

- West Napa PS peak capacity 15 mgd
- Basin unattenuated flow 30 mgd (approx)
  - Without additional I/I reductions
- Existing collection system surcharges
- 2016 and 2017 I/I projects will reduce peak flows
- BVT project considers temporary storage
  - Current design includes metering structures \$100k
  - Alternative option (detention structure) \$8-14m



# Project Outreach

- Staff will be conducting a public outreach program with stakeholders prior to finalizing plans
  - Residents – Community Meetings
  - Commercial – Individual Meetings
  - City of Napa – Coordination and Planning Meetings
    - City Paving
    - City CIP's
    - Traffic Control
    - Encroachment Permit
    - Emergency Services
    - Joint Public Relations Efforts
  - Caltrans – Coordination and Planning
    - Encroachment Permit





# Anticipated Schedule

Milestone	Date
File NOD	February 2017
Outreach	Summer-Fall 2017
Final Plans	Fall 2017
Bidding	Late 2017
SRF Funding Approval	Early 2018
Construction Begins	Spring 2018
Construction Completion	Fall 2019



# CEQA Initial Study / MND

- Technical Studies
  - Air Quality
  - Arborist Study
  - Biological Resources
  - Cultural Resources
  - Hazardous Materials
  - Noise





# Summary of Impacts - Operation

- No operational impacts
  - no increase in maintenance activities, traffic, wastewater pumping, noise, odor, air emissions, growth inducement



# Summary of Impacts - Construction

- Aesthetics
  - Trees; Lights during nighttime construction
- Biological Resources
  - Nesting birds and bats
- Cultural Resources
  - Historical, archaeological, paleontological, tribal cultural materials, or human remains





# Summary of Impacts - Construction

- Hazardous Materials
  - Contaminated soil or groundwater
- Hydrology and Water Quality
  - Contaminated groundwater; stormwater pollution
- Noise
  - Schools; nighttime construction
- Transportation
  - Emergency access; bike/pedestrian facilities



# Noticing and Public Review

- Noticing
  - Napa Valley Register & County Clerk Office
  - State Clearinghouse
- Distribution
  - 15 copies to State Clearinghouse
  - City of Napa Public Works and Community Development
  - County of Napa Environmental Health Division
  - State Division of Drinking Water
  - Yocha Dehe Wintun Nation
- Public Comment Period
  - 30 days from November 10 to December 9





# Comments

- 3 Comment Letters
  - Caltrans
  - State Water Board
  - State Clearinghouse
- Response to Comments and Final MND



# Findings and Recommendations

- With incorporation of recommended mitigation measures, the project would not cause significant environmental effects.
- Staff recommends that the MND be adopted, the Mitigation Monitoring Program be adopted, and a Notice of Determination be filed for the project.