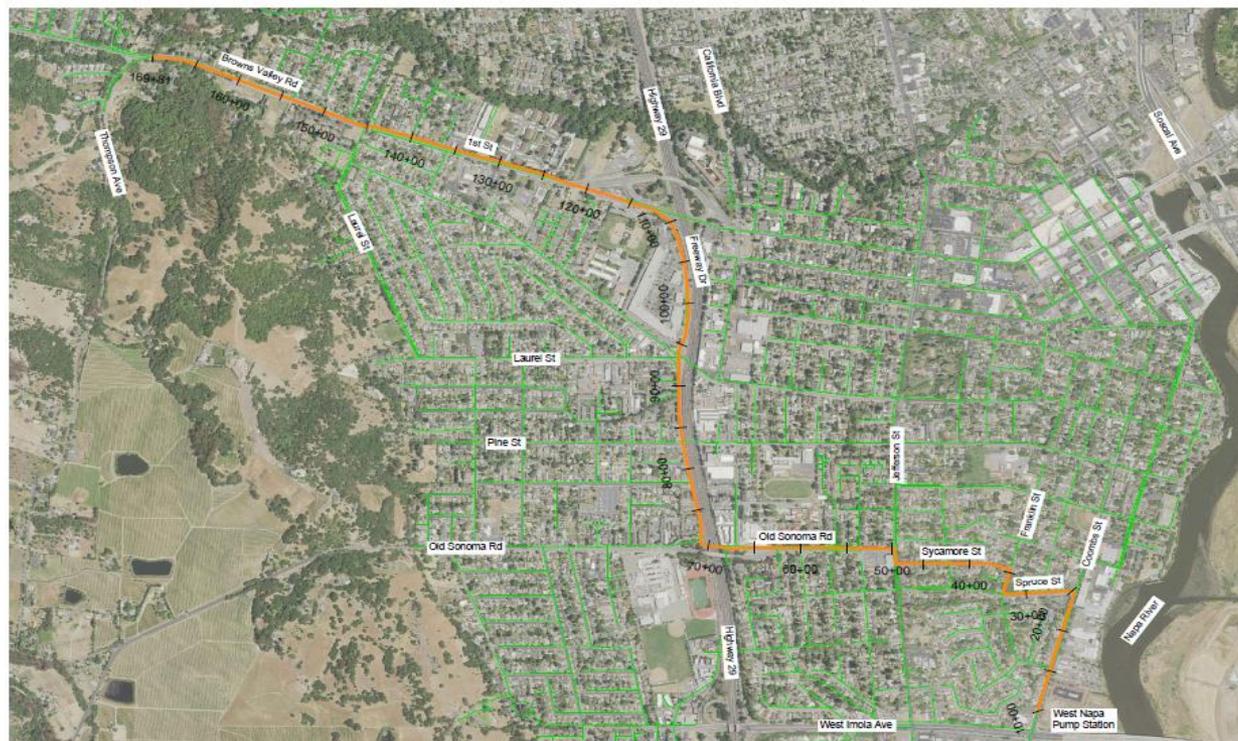


Browns Valley Trunk (BVT) Project – Project Update and CEQA Overview

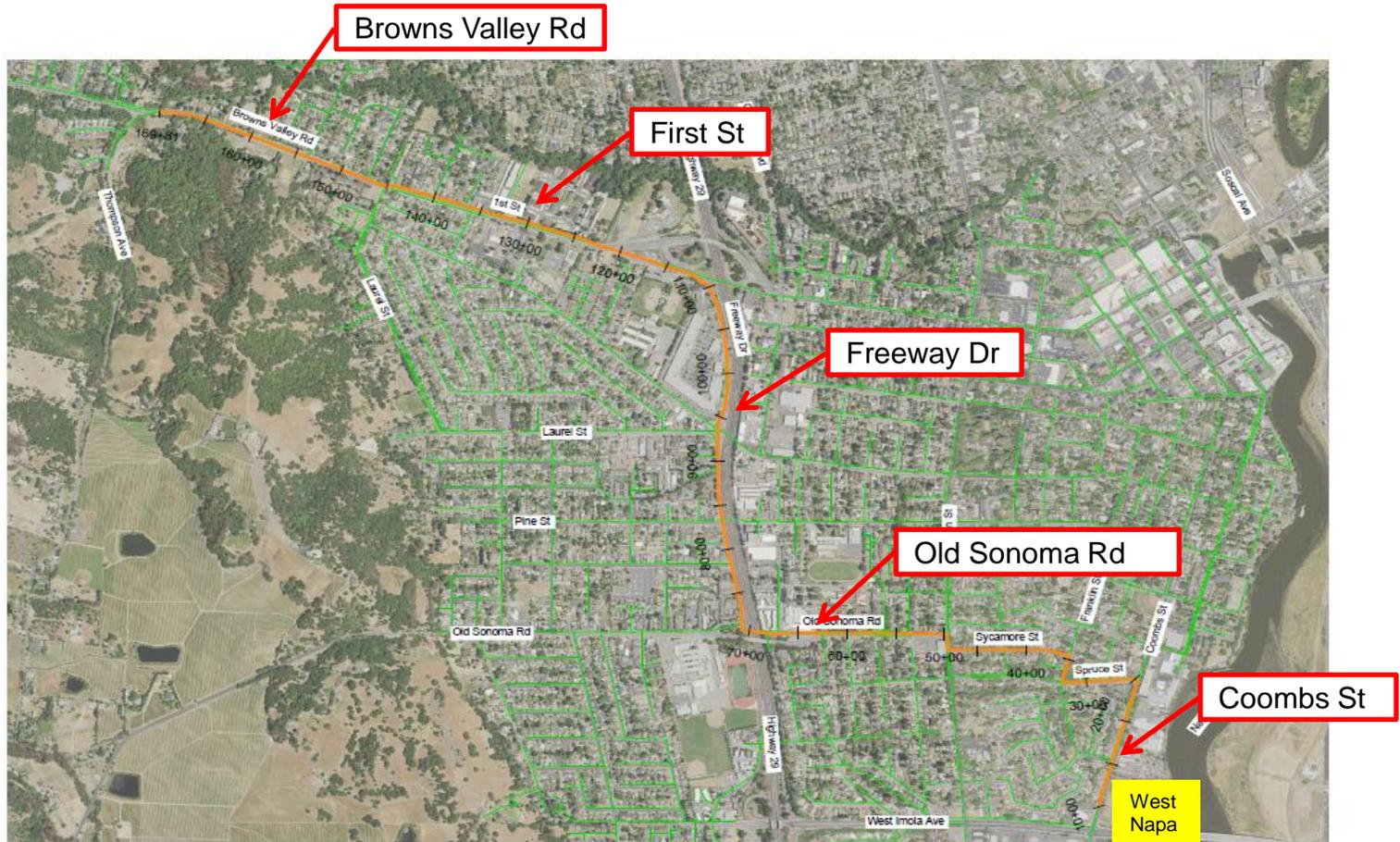




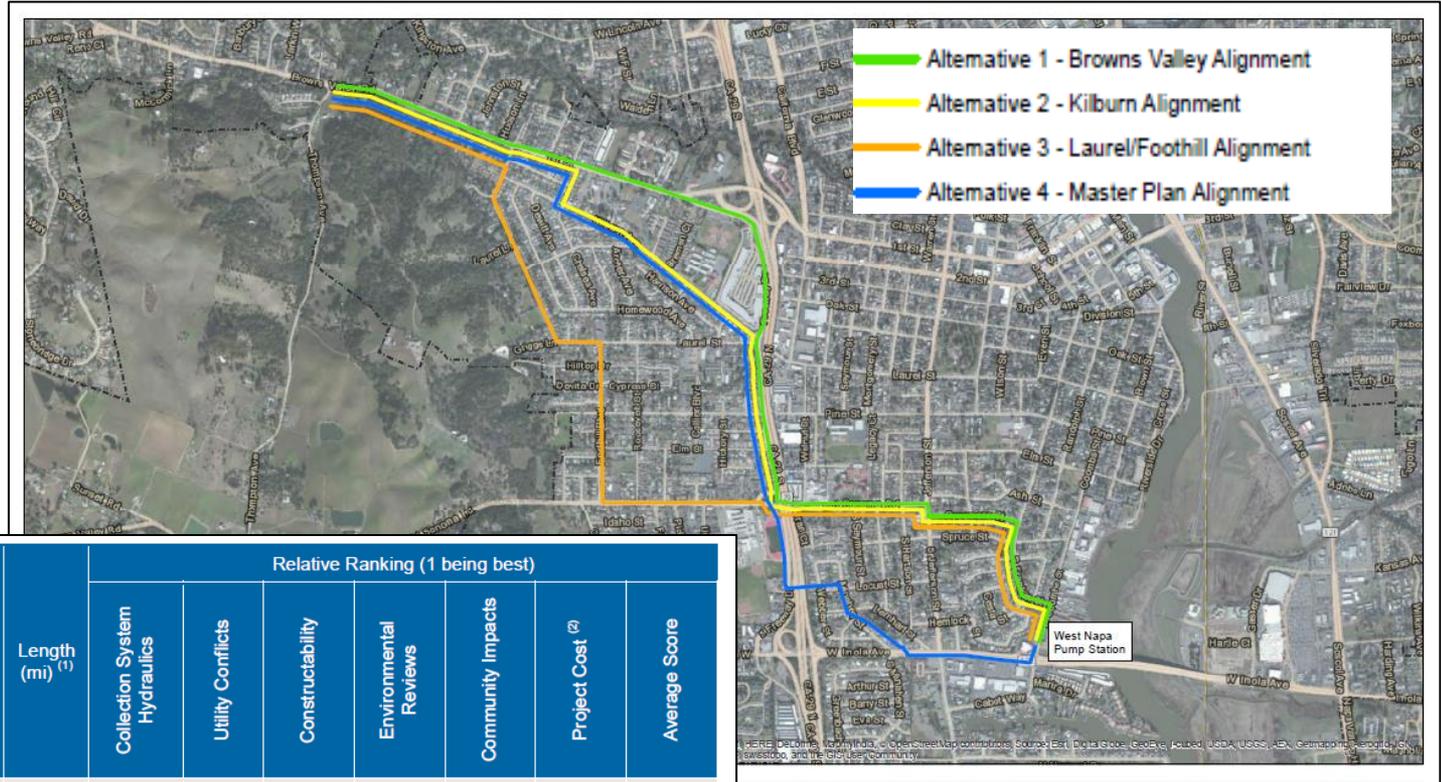
Background

- 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



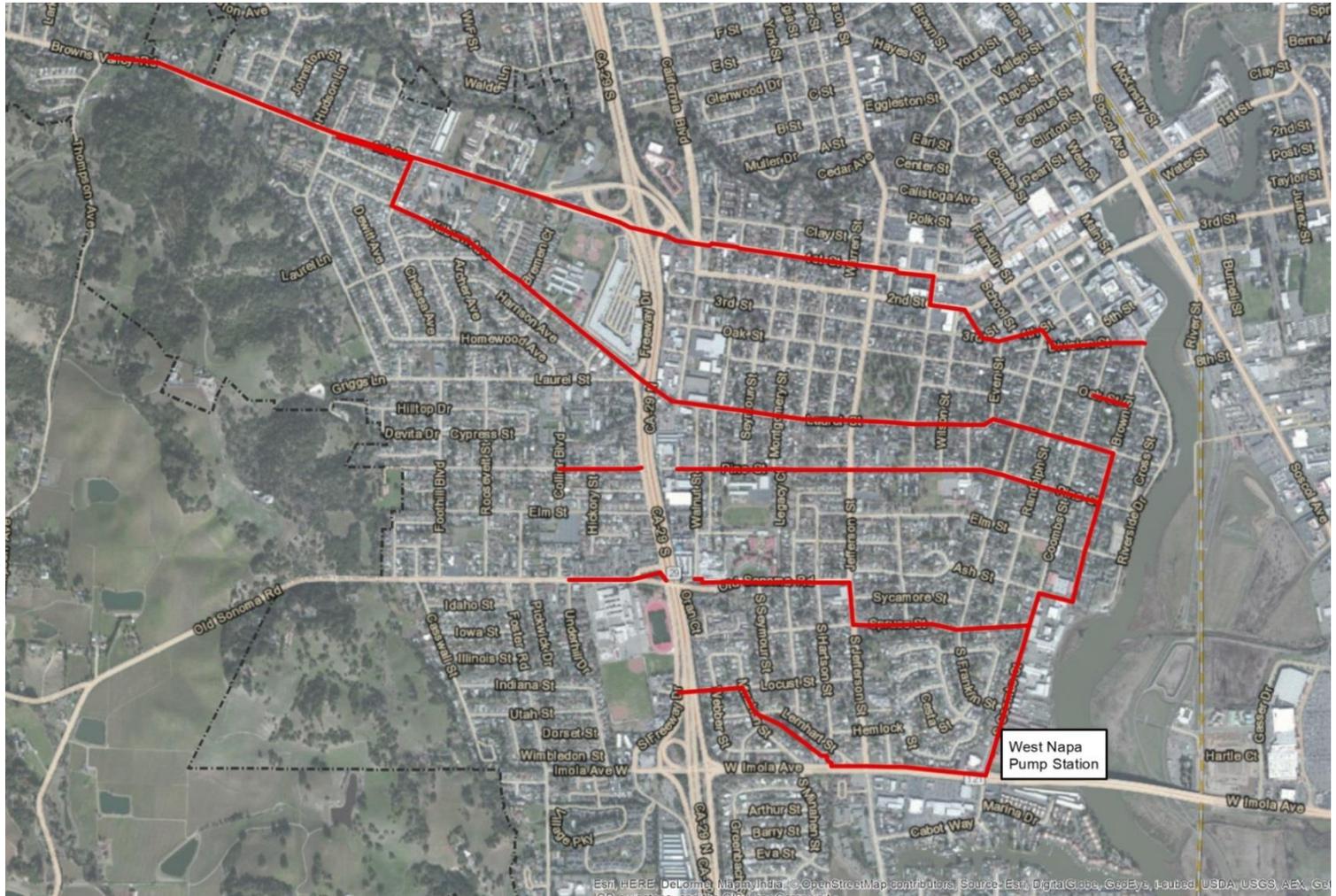
Alignment Options



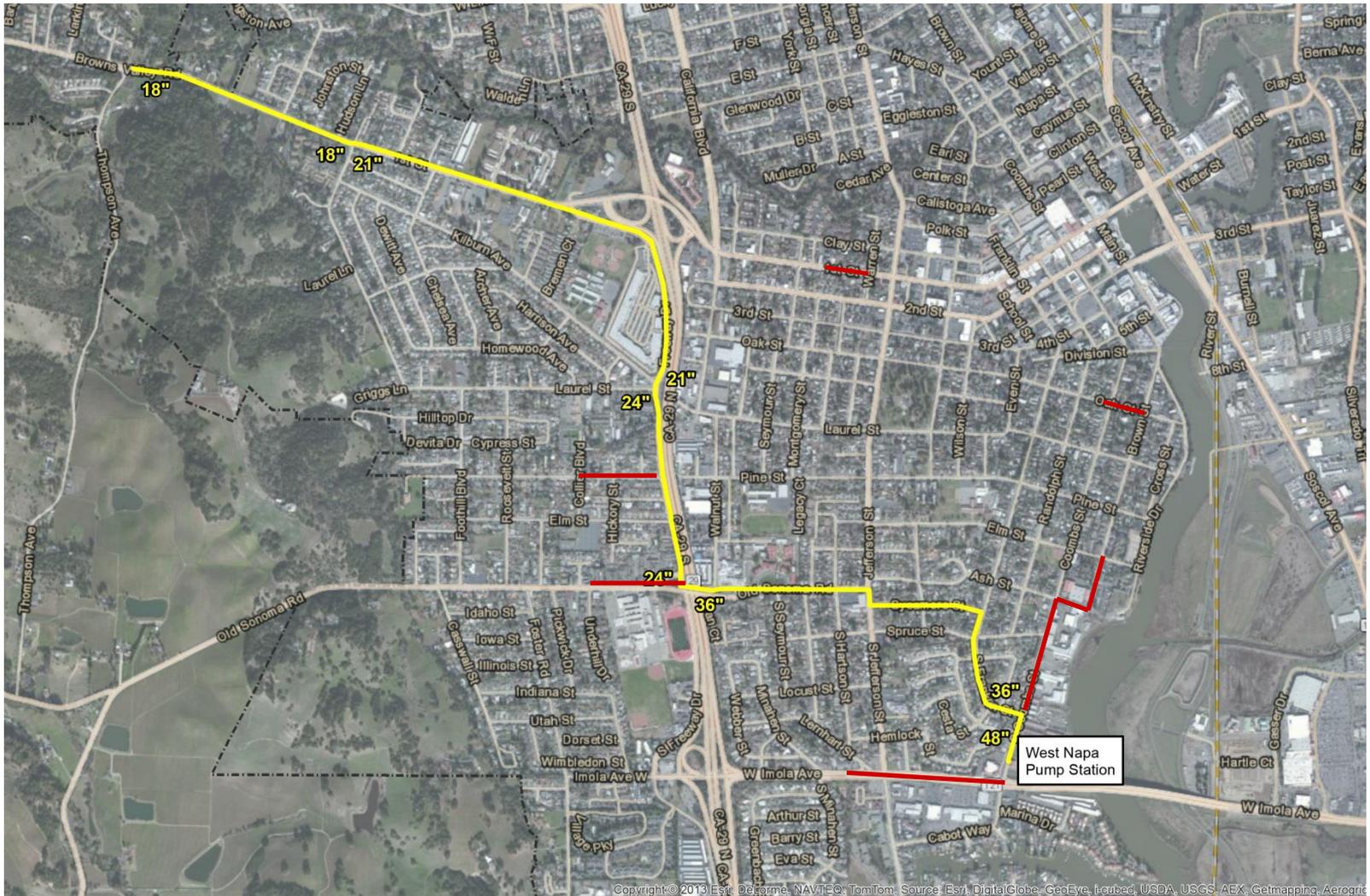
Alternative	Length (mi) ⁽¹⁾	Relative Ranking (1 being best)						Project Cost ⁽²⁾	Average Score
		Collection System Hydraulics	Utility Conflicts	Constructability	Environmental Reviews	Community Impacts			
Browns Valley	3.06	1	1	1	1	1	1	1.0	
Kilburn	2.75	2	3	2	1	3	3	2.3	
Laurel/Foothill	2.97	4	4	4	1	2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