



County of El Dorado
Department of Transportation

CSA#5 WATER QUALITY PROJECT
PHASE 3

Public Meeting

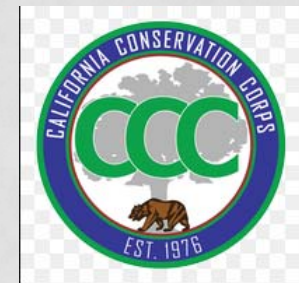
Via ZOOM Platform
[HTTPS://ZOOM.US/J/99940733368](https://zoom.us/j/99940733368)

Thursday, September 10, 2020
4:00 pm to 5:30 pm

Presented by: Daniel Kikkert, P.E.

CSA #5 Water Quality Project Phase 3

Project Partners



CSA #5 WATER QUALITY PROJECT PHASE 3

- Tahoe Engineering Staff, (530) 573-7900

- Daniel Kikkert, P.E. Senior Civil Engineer
dan.kikkert@edcgov.us
- Russell Wigart, CPSWQ, CPESC Stormwater Coordinator
russell.wigart@edcgov.us Tahoe Basin
- Dave Goodell Assistant in Civil Engineering
dave.goodell@edcgov.us

AGENDA OVERVIEW

- TRCD/TRPA Backyard BMP Program
- Discussion of the Project Feasibility Report
- Project Schedule
- Comments/ Discussion
- Meeting Conclusion

Backyard Best Management Practice (BMP) Program

- What are BMPs?
 - *"BMPs are measures taken to minimize soil erosion and capture polluted water before it enters Lake Tahoe. This helps improve water quality and reduce the decline of Lake Tahoe's clarity. By implementing BMPs integrated with Fire Defensible Space (FDS) practices, property owners can help reduce the loss of Lake Tahoe's clarity and protect against the threat of catastrophic wildfire."*
- Website: ***<http://www.tahoebmp.org/>***
- The website provides the necessary tools, links, and information regarding the necessary resources to complete one's BMPs

Useful Links

Tahoe City Public Utility District (STPUD) Services

Water Conservation:

<https://www.tcpud.org/conservation>

Rebates:

<https://www.tcpud.org/waterrebates>

Tahoe Regional Planning Agency

<https://tahoebmp.org/>

Tahoe Resource Conservation District

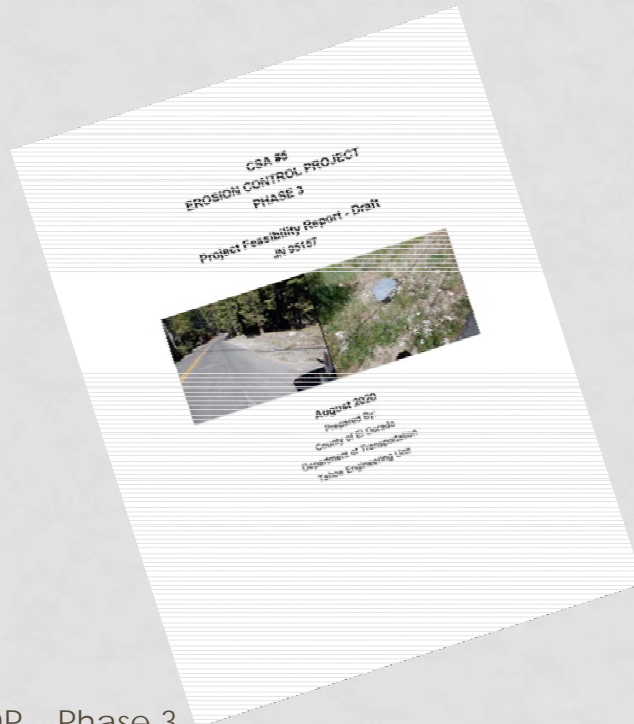
<https://tahoercd.org/>

Meeks Bay Fire Protection District

<https://www.meeksbayfire.com/>

Project Feasibility Report

- Report is available for download at:
www.edcgov.us/government/dot/tahoengineering/pages/csa5_erosion_control_project.aspx



9/8/2020 CSA5 Erosion Control Project

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CSA5

Project Summary

The CSA#5 Erosion Control Project (Project) is a water quality improvement project initiated to address water quality and erosion problems within the urbanized areas of Tahoma, in El Dorado County. The Project supports TRPA's Environmental Improvement Program (EIP) through the design and installation of low impact Best Management Practices (BMPs).

The Project is located in Tahoma on the west shore of Lake Tahoe, and is bounded by Lake Tahoe and First Avenue to the east, the El Dorado/Placer County line to the north, Chinkapin Road and Placer Street to the west and Cedar Street to the South. The Project area is also located within TRPA designated Priority 2 Watershed 56 (General Creek).

- Project Map
 - Project Map
- Documents
- News/Events/Updates
- Relevant Project Links
- Project Schedule
- Contact Information

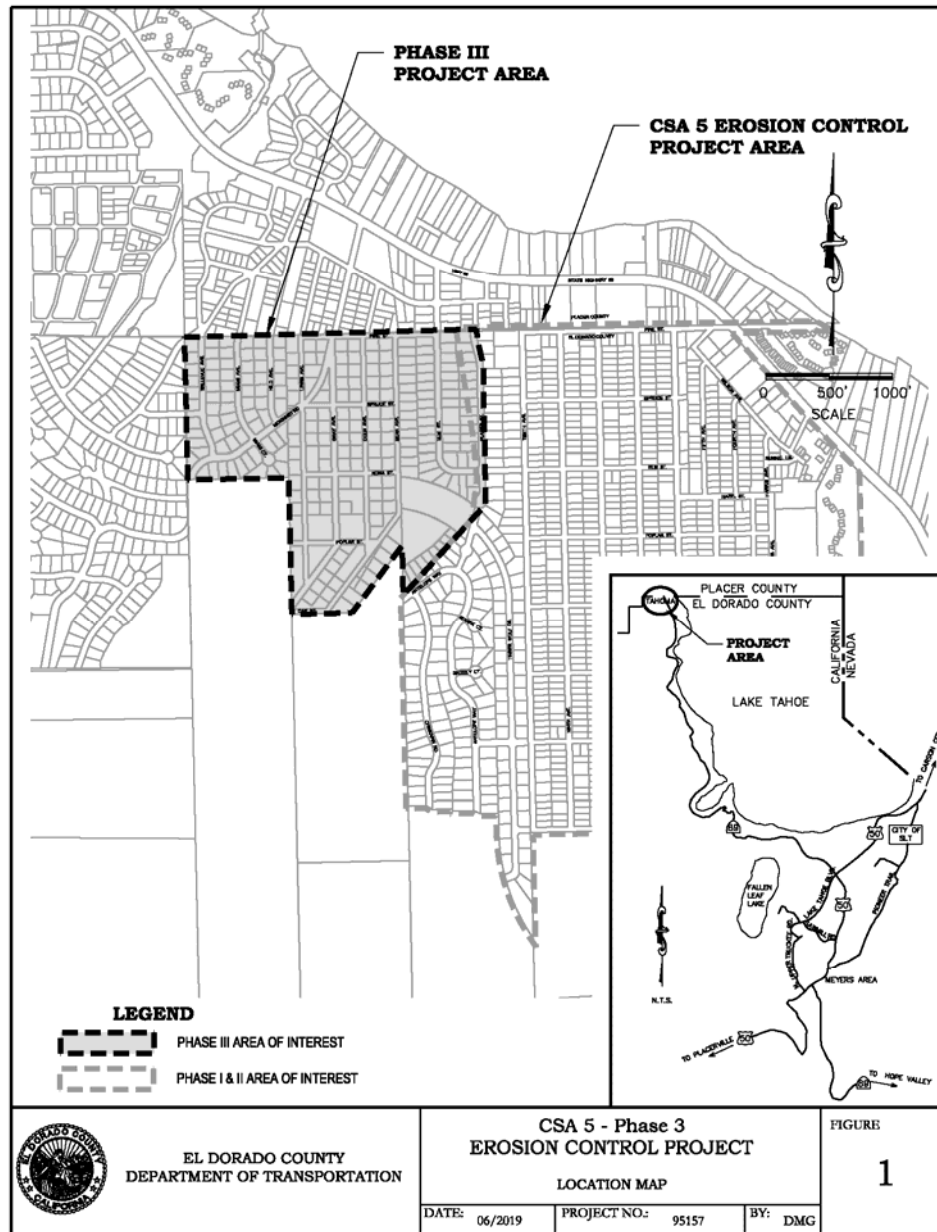
[Click here to go back to Tahoe Engineering homepage](#)

https://www.edcgov.us/government/dot/tahoengineering/pages/csa5_erosion_control_project.aspx

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PROJECT LOCATION MAP

- Approximately 86 acres
- Over 300+ parcels



Goals & Objectives

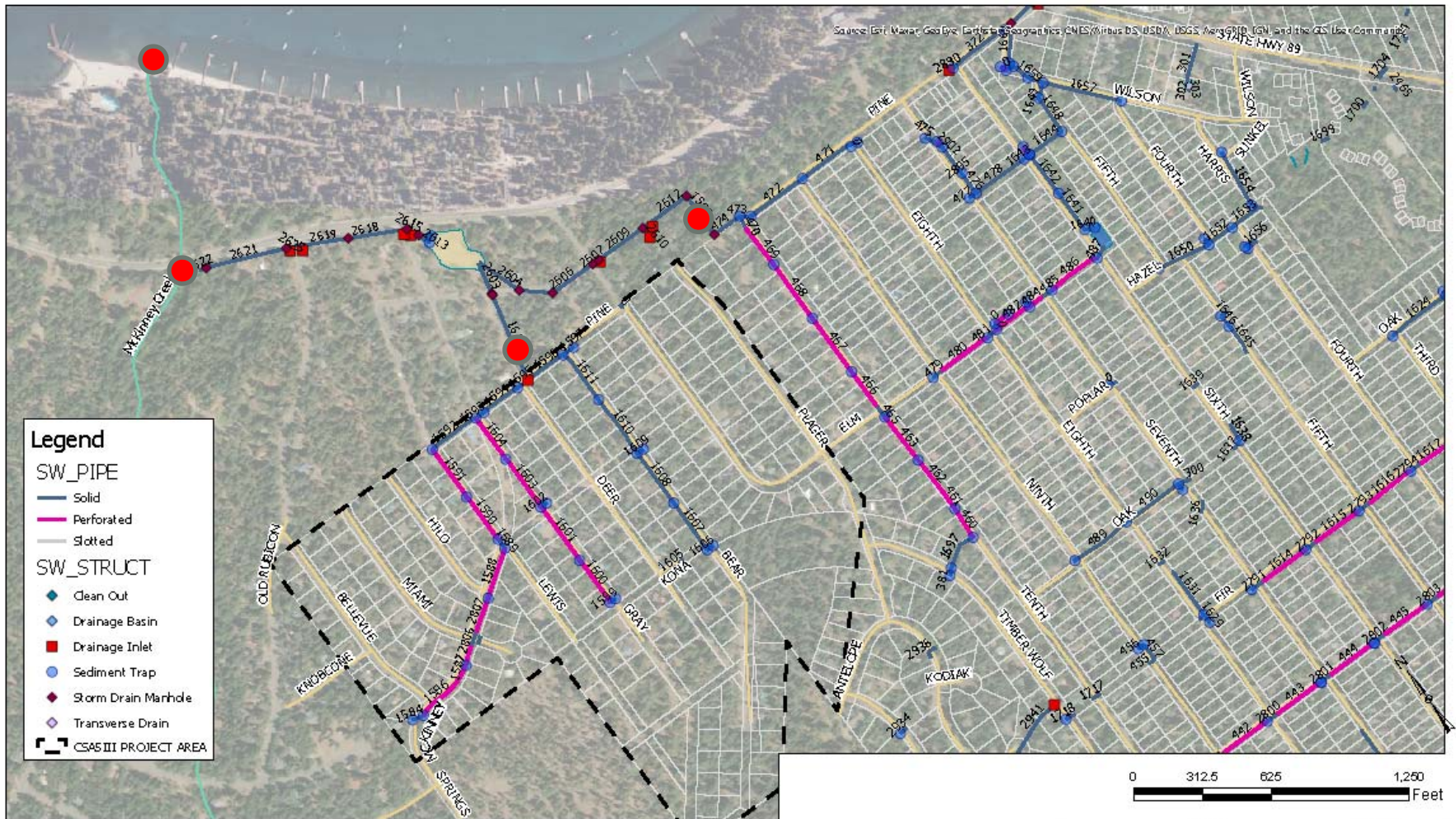
- Reduce amount of sediment prior to discharging to nearby waterways
 - Stabilize eroding slopes and channels/ditches
 - Install County BMPs which captures sediment and traction abrasives
 - Maximize the effectiveness of the traction abrasives and the frequency of sweeping



CSA #5 WQP – Phase 3

Goals & Objectives

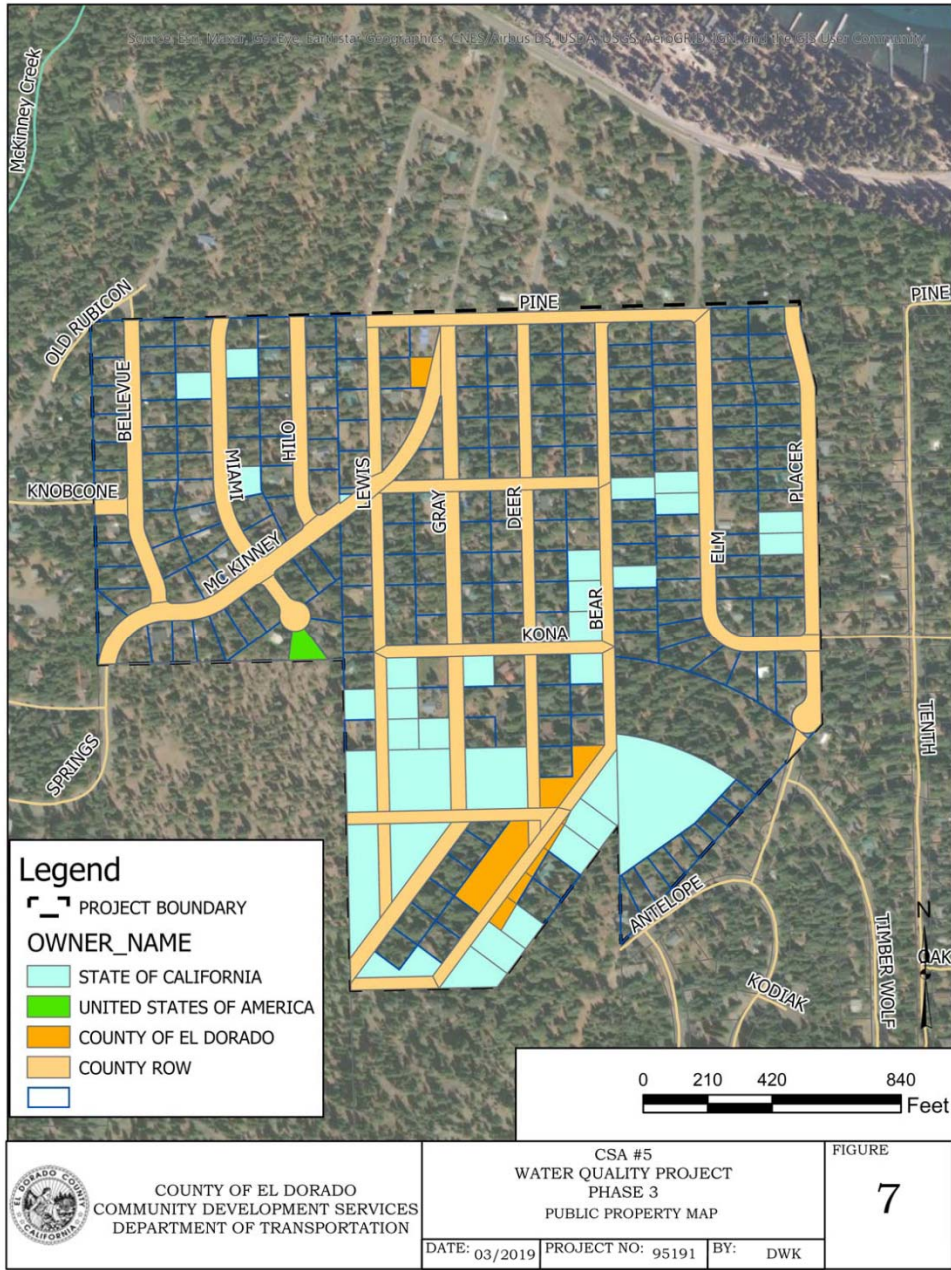
- Reduce surface water volume and peak flow
 - Install County BMPs to capture storm water runoff
 - Disconnect storm water flows prior to discharging to nearby waterways

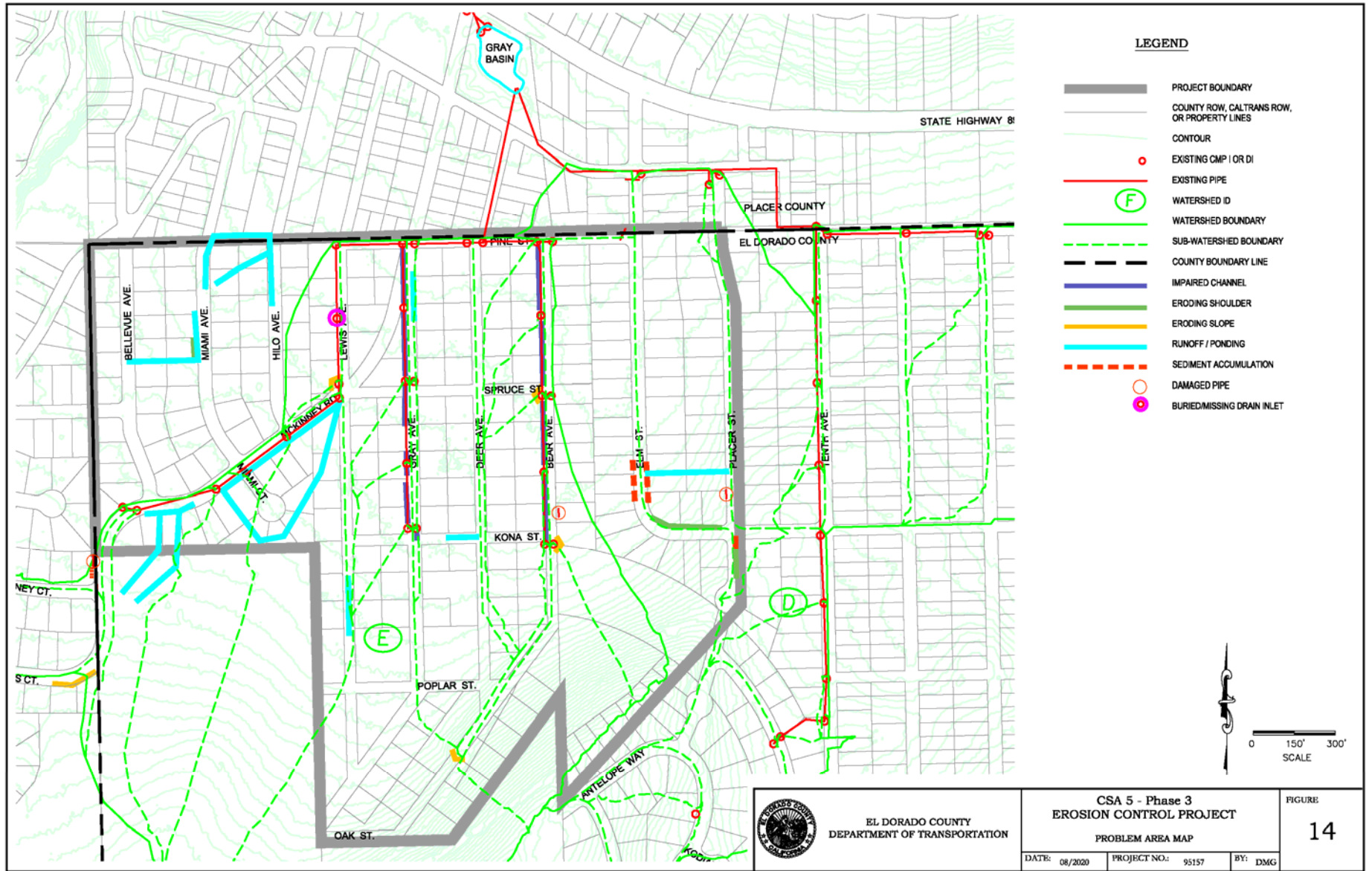


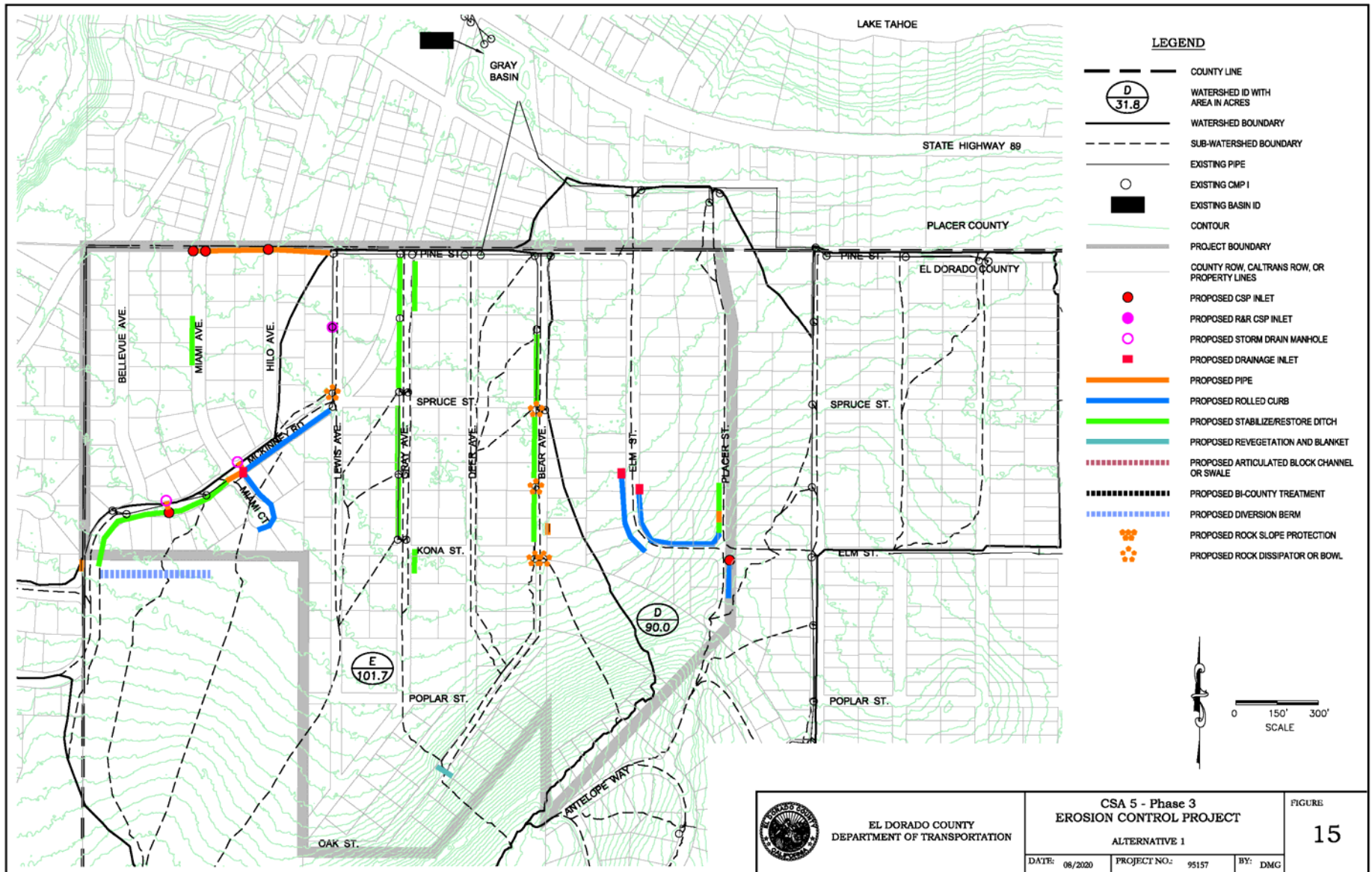
 COUNTY OF EL DORADO COMMUNITY DEVELOPMENT SERVICES DEPARTMENT OF TRANSPORTATION	CSA #5 WATER QUALITY PROJECT PHASE 3 STORMWATER PIPE AND STRUCTURE SYSTEM		FIGURE 13
	DATE: 05/2019	PROJECT NO: 95157	

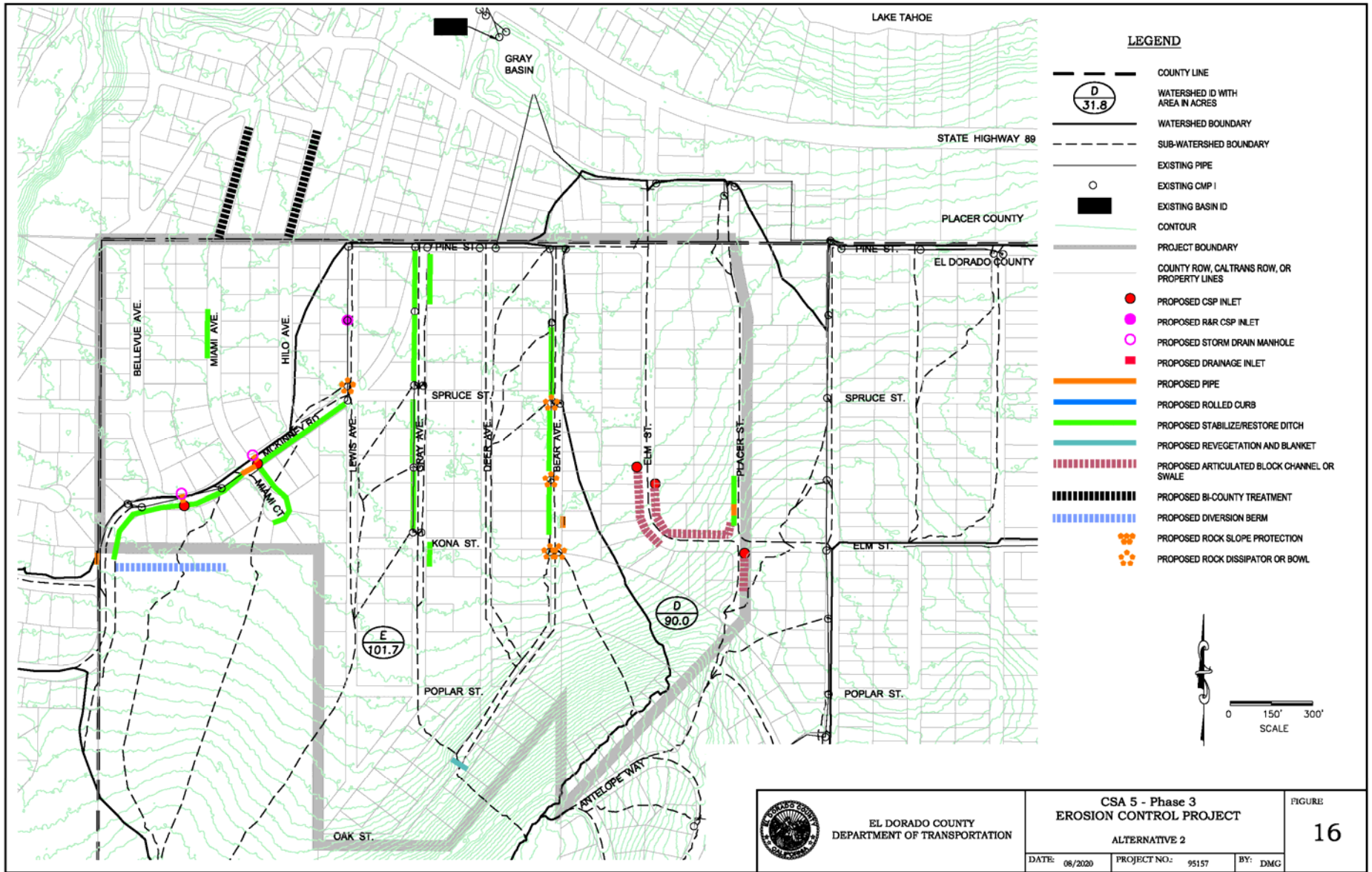
Goals & Objectives

- Community outreach with homeowners on importance of BMP's and dry weather discharges
 - Assist homeowner coordination with TRPA for BMP evaluations and installation
 - Educate homeowners on the effects of dry weather discharges (ie. Good house keeping)









Guidelines

- County of El Dorado
 - Design and Improvement Standards Manual
 - Drainage Manual
- Tahoe Basin
 - Storm Water Quality Improvement Committee
 - Regulatory Permit Requirements

Schedule

Project Milestone	Anticipated Completion Date
Finalize Feasibility Report based on Project Development Team and public input	October 2020
Develop and select the Preferred Project Alternative	December 2020
Analyze the Preferred Project Alternative for environmental impacts under the TRPA Regional Plan, California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA)	Winter 2021
Complete Design Project for Construction	Summer 2021
Construct Project (Funding dependent)	2021-22

Dates shown subject to change

Comments/ Discussion

Questions/ comments?



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Conclusion



Our goal is to restore the clarity of Lake Tahoe in this generation so that the future generations can enjoy the pristine beauty of this National Treasure.