

Shafter Vegetative Barriers Proposal Overview

Shafter CSC Meeting
May 12, 2025

Background

- Vegetative Barriers Request for Proposal (RFP) reopened in October 7, 2024
- Total grant amount up to \$803,909
- Proposal submission deadline: December 31, 2024
- Two proposals received
- District recommends City of Shafter for award based on meeting requirements and demonstrating ability to effectively implement plantings outlined in Request for Proposal

City of Shafter: Project Information

- **Purpose:** New trees at proposed locations will help absorb and break down:
 - airborne pollutants
 - particular matter
 - dust and pollen
- **Partner:** Tree Foundation of Kern:
 - Provide consultation
 - Tree Foundation and the City has previous partnership experience
- **Number of trees:** 144 fully developed trees:
 - 50 feet canopy space per tree
- **Maintenance:** City of Shafter will maintain trees for the project life of 10 years
- Project implementation expected shortly after award and completed in 1 year
- The City will use Public Works staff for engineering and operations throughout the project

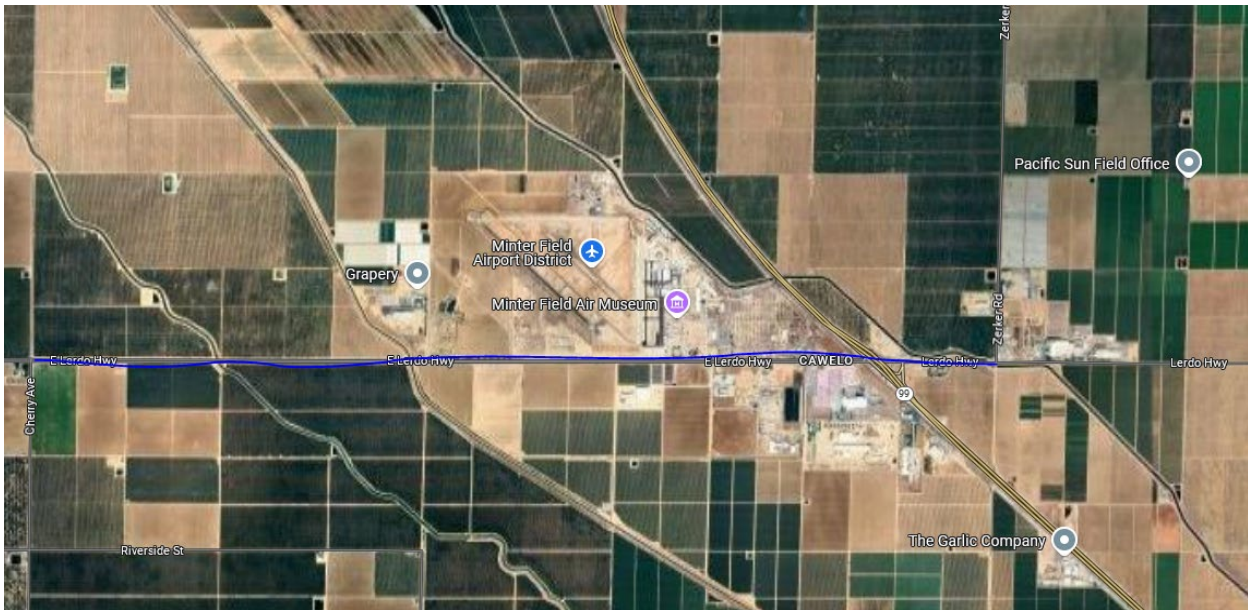
City of Shafter: Proposed Location #1

- 1/2 mile stretch, Northside of 7th Standard Road, between Zachary Ave. & West Beltway
- 104 total tree, 25 feet spacing



City of Shafter: Proposed Location #2

- 1 mile stretch, center median of Lerdo Highway, between Cherry Ave. & Zerker Road
- 40 total trees



City of Shafter: Tree Species



Cork oak (*Quercus suber*)



Chinese Elm (*Ulmus parvifolia*)



Coastal live oak (*Quercus agrifolia*)

City of Shafter: Budget

Vegetative Barriers (Total funding: \$803,550)

Project Costs, incl. planting and procurement: \$676,388

- Trees
- Planting materials
- Irrigation system
- Site preparation & planning

Administrative Costs: \$54,111

Contingency Costs: \$73,050

Comments and Questions?