



Applicant Name: City of Tehachapi

Project Name: Citywide Tree Planting and West Park Greening and Stormwater Capture Project

The City's efforts to increase urban greening will include planting trees, shading buildings with trees, enhancing pedestrian/bicycle paths, as well as enhancing parks/green spaces, and mimicking natural systems.

Estimated Cost: \$2,013,000 **Grant Request:** \$2,013,000

Citywide Tree Planting - The City's commitment to reduce commute vehicle-miles-traveled by constructing bicycle/pedestrian paths that provide safe routes for travel between residences, workplaces, commercial centers, and schools has resulted in its construction of the Antelope Run Bike Trail and Valley Boulevard Bike Path (between Tucker Road and Curry Street). A new Tehachapi Boulevard Bike Path will also begin construction in Summer 2017. With this grant, more than 600 micro-climate-appropriate trees will enhance:

- Antelope Run Bike Trail (225 trees)
- Valley Blvd Bikeway (25 trees)
- Tehachapi Boulevard Bike Path (266 trees)
- Antelope Run Trailhead Lot (10 trees)
- Curry Street Median (40 trees)
- Sherm Chitwood Reservoir (35 trees)



Urban Greening Grant 2017

West Park Greening & Stormwater Capture - The City's West Park provides an excellent opportunity for several urban greening measures. The park's enhancement will include the addition of 25 trees (including trees used to shade the park office building), creating a pedestrian path, and restoring a naturalized channel system. The new path through the park will connect the residents to the south with the commercial corridor/public transportation to the north. Replacing the existing concrete drainage ditch with a naturalized soft-bottom drainage channel and boulders to mimic a natural channel enhances the park, incorporates riparian habitat, and provides infiltration for water capture. Replacing the existing parking lot with a white-finish concrete pavement provides heat mitigation from increased albedo. Re-grading a turf space in the park to create a turf bio-swale that directs flows to the naturalized channel enhances the park landform, protects park space from nuisance flows, and provides additional stormwater capture.

VALLEY BLVD BIKE PATH



• How does the project meet quantification (GHG project activities) and statutory requirements? To quantify GHG emission reductions, the Tehachapi Urban Greening Project will (1) sequester and store carbon by planting trees at the locations described above; (2) reduce building energy use by strategically planting trees to shade the West Park office building; and (3) reduce commute vehicle miles traveled by creating a pedestrian path through West Park to provide safe routes for travel between residences, workplaces, transit connections, and commercial centers. To meet statutory requirements, the project will (1) enhance West Park and City bike paths and (2) use natural systems in West Park that mimic natural systems to achieve multiple benefits.

• How does the project meet statutory priorities? As a region, Tehachapi is remote from major urbanized areas and receives little grant funding from the State. The entire project utilizes public land and facilities. The project was cooperatively developed by the City of Tehachapi and Tehachapi Valley Recreation and Park District. The project provides park and recreational benefits to an underserved community. While the City is not identified by CalEnviroScreen 2.0 as a disadvantaged community, it is noteworthy that under CalEnviroScreen 3.0, the project scores high within the 71-80% range. Although the project is only eligible for the 25% set-aside funds, it clearly benefits citizens of an underserved City. In particular, the area south of Highline Road and west of Tucker Road are identified as a CalEnviroScreen 2.0 disadvantaged community. These areas directly benefit from the improvements when the residents use the Antelope Run Bike Trail for recreation or to travel to workplaces, commercial centers, and public transportation access.

• How was the project area determined to be urban? The City of Tehachapi is a City within the State of California, governed by an elected City Council and guided by its adopted General Plan. All project components are within the City boundary.



ANTELOPE RUN BIKE PATH



WEST PARK

