

FINAL REPORT

ML14055 and ML14055A - West Highland Bikeways Infrastructure and Public Outreach



City of Highland

27215 Base Line, Highland, CA 92346
| Pho: (909) 864-8732 | Fax: (909) 862-3180

January 14, 2019

South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178

Via: on-line submittal to [Leah Alfaro \(|leah@cleantransportationfunding.org|\)](mailto:leah@cleantransportationfunding.org)

Attn: Leah Alfaro, MSRC Contracts Administrator

MSRC Contract Number: **ML14055 and ML14055A**

MSRC Contract Executed: October 10, 2014 (ML14055) and February 27, 2018 (ML14055A)

MSRC Contract Performance Period: April 27, 2015 through December 28, 2018

Project Title: **West Highland Bikeways Infrastructure and Public Outreach**

Contractor: City of Highland

This Final Report is prepared for the Mobile Source Air Pollution Reduction Review Committee (MSRC) under the AB2766 Discretionary Fund Work Program.

This report is submitted in fulfillment of contract number ML 14055 and ML14055A and West Highland Bikeways Infrastructure and Public Outreach by the City of Highland under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Infrastructure work was completed as of December 14, 2017, and Public Outreach work was completed as of December 28, 2018.

The statement and conclusions in this report are those of the contractor and not necessarily those of the Mobile Source Air Pollution Reduction Review Committee (MSRC) or the South Coast Air Quality Management District (SCAQMD). The mention of commercial products, their sources or their uses in connection with material reported herein is not to be construed as either an actual or implied endorsement of such products.

PROJECT SCOPE

The West Highland Bikeways Infrastructure and Public Outreach Project included construction of new bicycle infrastructure and performing public outreach and education in the City of Highland, as follows:

- a) Constructed 4.6 miles of Class II Bike Lanes and appurtenances along 2.3 centerlines miles of Base Line from Del Rosa Drive to Cole Avenue. Appurtenances included striped bike lane

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buffers, bicycle detection systems at signalized intersections, concrete bus pads, and way-finding signs.

- b) Performed Public Outreach and Education designed to encourage and promote alternatives to motorized-transportation to help reduce vehicle emissions in the South Coast Air Quality Management District.

PROJECT PURPOSE

The purpose of the project is to reduce air pollution from motor vehicles in the South Coast Air Quality Management District by increasing bicycle commutes.

BACKGROUND

Base Line is a major highway connecting the City of Highland to the City of San Bernardino , and is a regionally important arterial that extends approximately 50 miles west through the cities of Highland, San Bernardino, Colton, Fontana, Rancho Cucamonga, Upland, and into Los Angeles County. Base Line is included as a Priority Bike Lane Project in the San Bernardino County Non-Motorized Transportation Plan and is a major Transit Corridor, hosting two bus routes and 18 bus stops within the project limits.

Within the project limits, Base Line has a 72-foot curb-to-curb separation, is 5-lanes wide, with a speed limit of 40 mph, and is lined with more than 50 employment sites and activity centers including restaurants, professional services, shopping centers, churches, and the City of Highland's Civic Center (City Hall, police station, fire station, park, etc.).

Prior to project construction there were no bikeway facilities on Base Line within the project limits between Del Rosa Drive and Cole Avenue.

NEW BIKE LANES

The Bike Lane improvements constructed along Base Line using MSRC funds included:

- Reconfiguration of the existing travel lanes by reducing lane widths along 2.3 centerline miles of Base Line, from Del Rosa Drive to Cole Avenue, as necessary to accommodate construction of new Class II bike lanes.
- Construction of 4.6 miles of new Class II bike lanes along 2.3 centerline miles of Base Line from Del Rosa Drive to Cole Avenue.
- Constructed pavement rehabilitation within the limits of the new Class II bike lanes (approximately 8 feet wide) providing safe and uniform surface for bike lane users.
- Constructed roadway surface detection systems for bicyclists at signalized intersections within the project limits along Base Line.
- Furnished and installed bike lane and way-finding signage for bicyclists along the new Class II bike lanes within the project limits.

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IMPROVED BIKEWAY CONNECTIVITY

The new bikeway improvement has provided an important extension of the existing bikeway network and extended connectivity of many citizens of Highland and San Bernardino to the regional Santa Ana River Trail via direct linkage with other key bikeways in Highland including Palm Avenue, Boulder Avenue, Church Street, Weaver Street, and Greenspot Road.

IMPROVED SAFETY

In the 5 years prior to project completion, 1 bicyclist was killed, 3 injured in traffic collisions within the project limits. Subsequent to project completion there have been no accidents involving bicycles.

PUBLIC OUTREACH and EDUCATION

Funding under this contract was used to host public meetings, bicycle rodeos, educational assemblies, walking activities, safety training, and to encourage and incentivize school students and parents to walk and roll to school.

BEFORE PROJECT PHOTOS



AFTER PROJECT PHOTOS



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AFTER PROJECT AERIAL VIEW

