



Project Concept Report

This is a conceptual report. The project features and layouts will be further refined through planning and design phases.

Project: Highland Rd. at Pecue Ln.

Date: November 12, 2019



Image above represents broad outline of the project area as shown in 2018 MOVEBR tax plan proposition

Project: Highland Rd. at Pecue Ln.

MOVEBR Program ID:	CEP-53
Project Length (feet):	1,000
Estimated Cost:	\$3,000,000
Funded from Proposition:	\$3,000,000

PROJECT OVERVIEW

This project proposes to improve the existing intersection conditions for Highland Rd. at Pecue Ln. by converting the current three-leg intersection into a roundabout intersection. The project will also consider safety and traffic calming improvements for each approaching leg to the new intersection.

Current Condition:	Three-leg intersection
Proposed Condition:	Four-leg Roundabout intersection



PROJECT STATUS

This project is currently in the planning phase.

COMPLETE STREETS

The MOVEBR Program has developed design guidelines that aim to institutionalize the Complete Streets policy by accommodating pedestrians, bicyclists, and transit users, regardless of age and ability.

DRAINAGE AND GREEN INFRASTRUCTURE CONSIDERATIONS

Among the drainage considerations for this specific project are the following:

A portion or all of this project is located within a Special Flood Hazard Area (SFHA).

This project location is not in an area identified as an “estimated inundation area” from the 2016 floods. This map can be viewed at <https://www.arcgis.com/home/webmap/viewer.html?webmap=cb332217bdab4572b4930e02d6655f84>

Existing drainage for this project area utilizes an open (ditch) system, and the proposed drainage will utilize a closed (sub-surfaced) system.

The project budget will consider funding for green infrastructure to improve water quality and mitigate impacts of stormwater runoff. Examples of green infrastructure include but are not limited to porous pavement, creation or maintenance of a tree canopy, bioswales, planter boxes, rain gardens, and land conservation efforts.

ENVIRONMENTAL CONSIDERATIONS

Initial reviews support the following:

Minimal environmental considerations have been identified (potential Cultural Resources) and must be reviewed and potentially addressed.

**Note that this is not exhaustive of possible future environmental considerations.*

TRAFFIC & SIGNALIZATION INTERSECTIONS

The Projected Average Daily Traffic (ADT) for year 2042 is 19,500.

UTILITIES CONSIDERATIONS

A preliminary assessment of the project area provides for the utilities listed below. Potential utility relocation costs will be included in the project budget if the infrastructure is located within the utility's own servitude.

Possible Utilities	Existing	Adjust/Relocate
Overhead Electric	●	TBD
Underground Electric	●	TBD
Water	●	TBD
Sanitary Sewer	●	TBD
Telephone	●	TBD
CATV/Fiber	●	TBD
Gas Distribution	●	TBD

RIGHT OF WAY CONSIDERATIONS

Minimal residential or commercial right of way acquisitions are anticipated at this time.





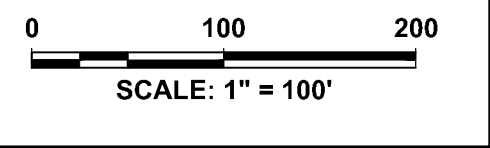
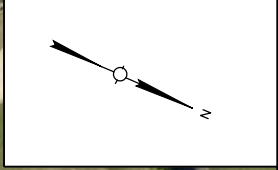
PROJECT CONCEPT PLANS

The following pages provide a potential solution(s) for the proposed project. The project features and layouts, shown within the typical section(s) and concept plans, will be further refined through planning and design phases of the project.



LEGEND:

- - - LOT LINES
- REQ'D NEW PAVEMENT



HIGHLAND ROAD AT PECUE LANE INTERSECTION



Sheet No.
1 OF 1
11/12/19