



Project Concept Report

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

Project: Centurion Ave. (O'neal Lane to Crossbow Drive)

Date: November 12, 2019



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

Project: Centurion Avenue (O'Neal Lane to Crossbow Drive)

MOVEBR Program ID:	CEP-62
Project Length (feet):	550
Estimated Cost:	\$200,000
Funded from Proposition:	\$200,00

PROJECT OVERVIEW

This project will enhance pedestrian mobility by connecting existing sidewalk at O'Neal Lane on both sides of Centurion Ave. to Crossbow Dr. This segment of roadway is the entrance to a residential subdivision.

Current Condition:	Two-lane divided
--------------------	------------------

Proposed Condition:	Two-lane divided with adjacent sidewalk on both sides
---------------------	---

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 or transit, regardless of age and ability. For the purposes of this project, pedestrian mobility is the primary focus.

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 was 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 a closed (sub-surfaced) system and will continue to do so.

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 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 2,500.

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:


 CURRENT BUS STOP

 EDGE OF PAVEMENT

 LOT LINES

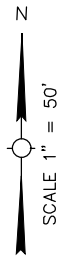
 REQ'D NEW S/W

 EXIST. S/W

 REQ'D ADA RAMP W/ TRUNCATED DOME INSET



VIEW: E



VIEW: N



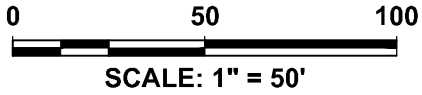
VIEW: E



VIEW: E



VIEW: E



CENTURION AVE.
(O'NEAL LN. TO CROSSBOW DR.)



Sheet No.

1 OF 1

11/12/19