

AGENDA ITEM SUMMARY SHEET
VILLAGE COUNCIL MEETING
June 6, 2018

Agenda Item:

Estero Parkway

Description:

Estero Parkway is an existing 4-lane divided arterial roadway that has been identified as needing improvement/maintenance. The pavement surface is in need of replacement, no bike paths currently exist, and sidewalks are not continuous.

This project started as a mill and resurface project that would include filling in sidewalk gaps and adding bike paths. The scope has grown in an effort to further improve safety, pedestrian experience, bikeways, and beautification.

Over the past several months, the project consultant has investigated numerous roadway design options to improve safety, pedestrian experience, bikeways, and beautification. The project is constrained by the existing 150-ft road right of way, which must contain the travel lanes, bike paths, sidewalks, medians, and drainage swales. There isn't enough room for everything in the existing right of way.

Through many iterations, the number of options has been narrowed down to two.

Option "A": 4-lane roadway, 10.5 ft lanes, 7-ft buffered bike path, 6-ft sidewalks.

Option "B": 2-lane roadway, 12 ft lanes, 7-ft buffered bike path, three roundabouts, 8 to 10-foot sidewalks through the middle segment of roadway.

The bicycle and pedestrian safety/experience and overall roadway beautification will be greatly improved with either option.

Vehicle speed would be reduced and overall safety would be improved further with the 2-lane roadway option. However, the cost of the 2-lane, three roundabout option is approximately \$1M to 1.5M additional.

Action Requested:

Councilmembers, and the community, are very aware of the benefits and challenges with each option. This project is a bit challenging as we are trying to maximize

improvements to this entire corridor. There are varied interests represented in each of the options presented and each of the interests have supporters and detractors. Again, those interests are worth mentioning to again frame the conversation. They include:

- Safety,
- Enhancing the pedestrian experience,
- Improved bikeways,
- Beautification of the corridor,
- Cost,
- Timing of construction,
- Storm water improvements,
- Roadway capacity, and
- Implications and risks of change

There may be other interests and concerns that go into the Council decision-making process.

Council is asked to select which roadway design option is best for the Village – Option “A” or Option “B”. Council action can be in the form of a simple motion.

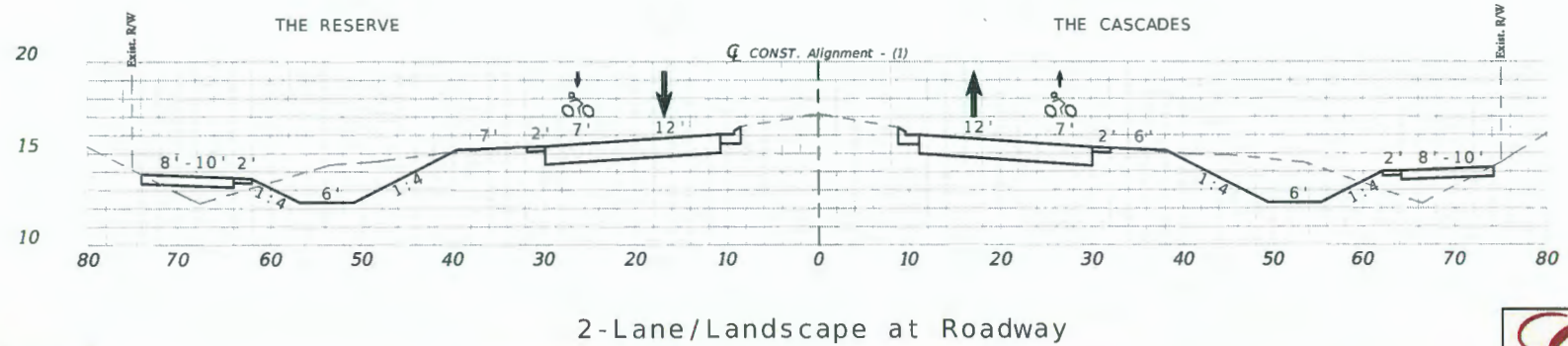
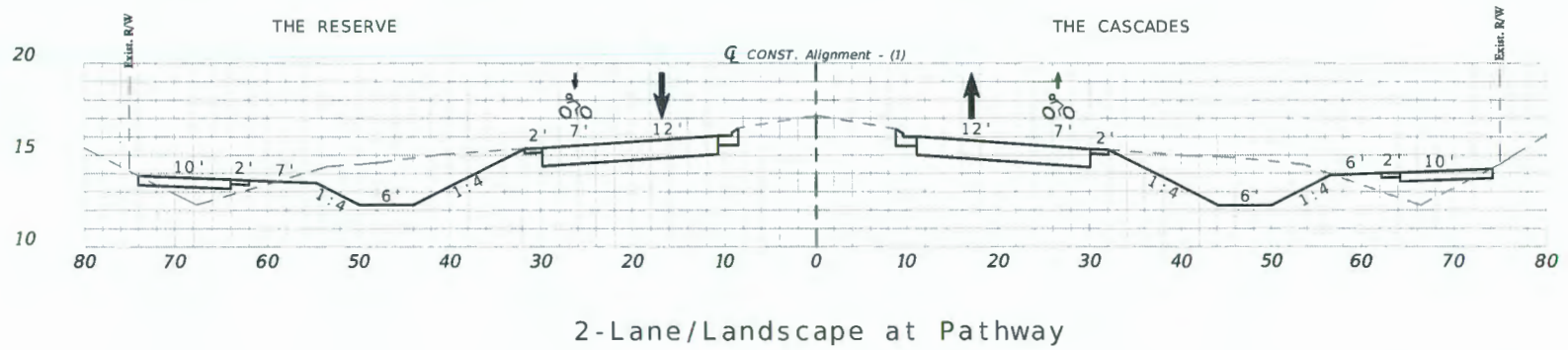
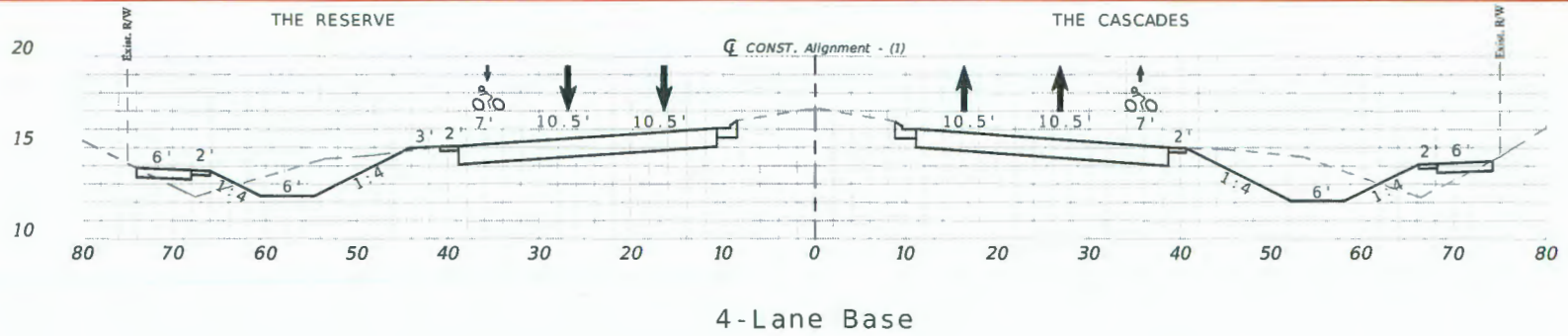
Engineering cannot proceed without Council direction. Once we get deeper into the design beyond this basic cross-section the Council will have additional review of the project, including: landscaping, stormwater, and other project elements before the project is put to bid.

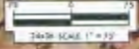
Financial Impacts:

The cost of the project has been included in the Budget and does not require Council action at this time.

Attachments:

1. Project Site Concept Plans
2. Project Cross Sections





*ESTERO PARKWAY
LANE REDUCTION DIAGRAM -
AT U.S. 41*





Graphic Scale 1" = 100'



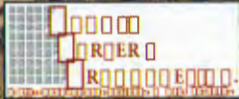
**ESTERO PARKWAY
LANE REDUCTION DIAGRAM -
AT ROUNDABOUTS**



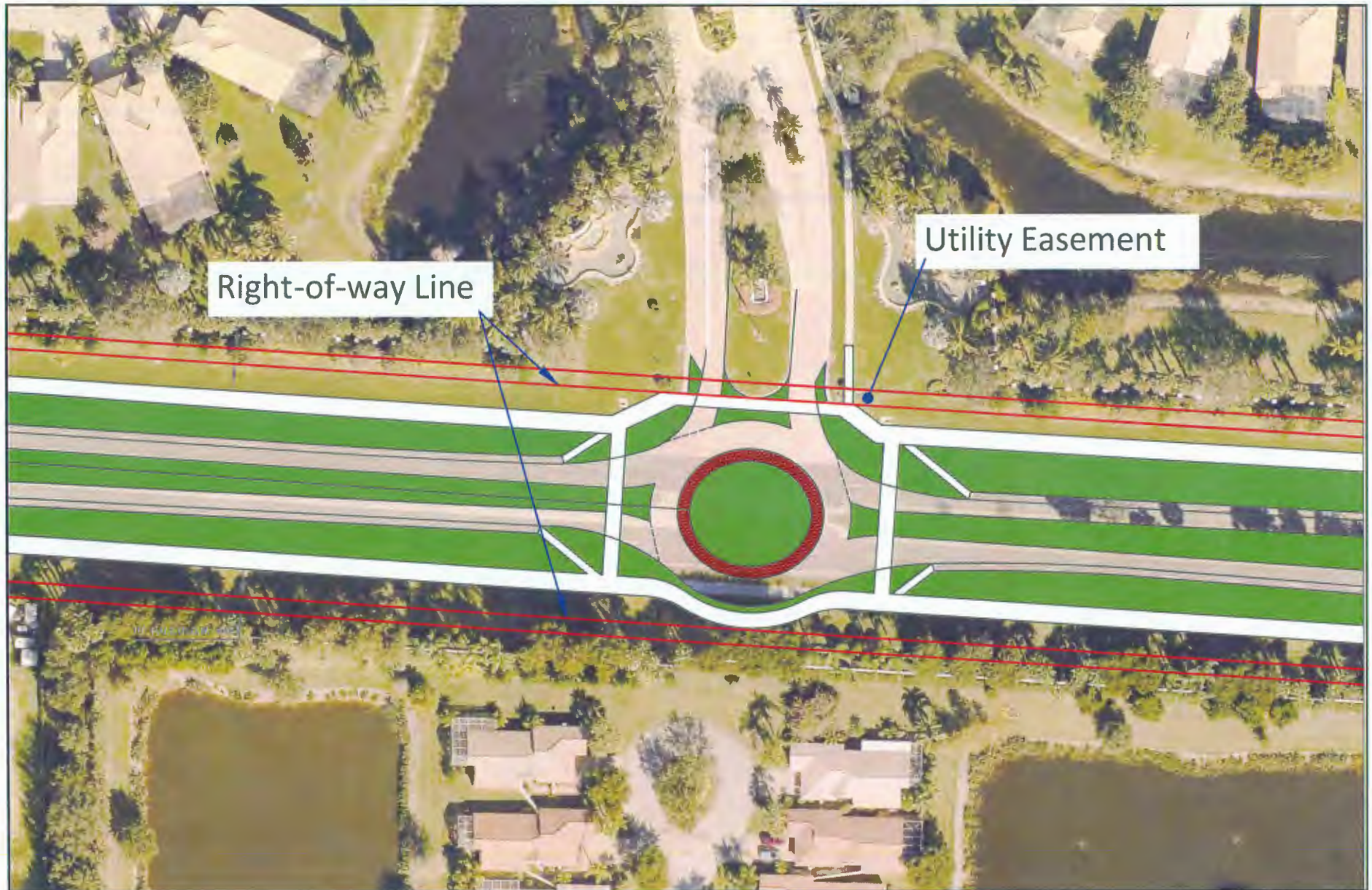


SCALE BAR
1" = 100'

*ESTERO PARKWAY
LANE REDUCTION DIAGRAM -
AT THREE OAKS*



Caladesi Drive - No right-of-way impact



Cascades Isle Blvd/Reserve Estero Trace Ct



Cypress View Drive/Rockery Drive with Right Turn Lane Example

