

DISCUSSION/DIRECTION: FIFTH STREET IMPROVEMENTS PROJECT – RECOMMENDED DESIGN

APRIL 5TH, 2022



PROJECT OVERVIEW



PROJECT OVERVIEW



PROCESS UTILIZED



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ALTERNATIVES			ALTERNATIVE 1A (3 Lanes with Traditional/Green T Intersections)	ALTERNATIVE 1B (3 Lanes with Roundabouts)	ALTERNATIVE 1C (3 Lanes with Roundabout at Woodlands, Signal at Valley)	ALTERNATIVE 2A (4 Lanes with Traditional/Green T Intersections)	ALTERNATIVE 2B (4 Lanes with Roundabouts)	ALTERNATIVE 2C (4 Lanes with Roundabout at Woodlands, Signal at Valley)
DEPARTMENT VALUE	EVALUATION CRITERIA	CRITERIA WEIGHTED FACTOR	Score	Score	Score	Score	Score	Score
HIGH SAFETY	Crash Reduction Potential	2	2	3	2.5	2	3	3
	Speed Management	2	2	3	2.5	1	3	2
	Pedestrian/bicyclist Crossing Conflicts	1	2	3	3	1	3	3
LOW LIFECYCLE COST	Construction Cost	1	3	2	3	1.5	1	1.5
	Maintenance Cost	1	2	3	2.5	1	1	1
LOW ENVIRONMENTAL IMPACTS	Adjacent Property Impacts	1	3	2	2.5	2	1	1.5
	Water Quality Considerations	1	2	2	2	1	1	1
RELIABILITY	Intersection Level of Service (LOS)	3	1	2	2	2	3	3
	Peak Hour Delay	3	1	2	2	2	3	3
LOW DOWNTIME	Maintenance of Traffic	2	3	2	2.5	2	1	2
TOTAL SCORE			21	24	24.5	15.5	20	21
Weighted Score			32	40	40	28.5	39	40

Scoring:
3 - Most Favorable / Easy
2 - Moderately Favorable / Moderate
1 - Least Favorable / Difficult

NOTE: Not selected due to geometric constraints

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PROCESS UTILIZED



FIFTH STREET IMPROVEMENTS

4-Lane Alternative



Roadway widening



ADVANTAGES	DISADVANTAGES
RELIABILITY <ul style="list-style-type: none"> Consistent travel time Accommodate development beyond 2040 	SAFETY <ul style="list-style-type: none"> Perceived higher speeds
ICM DOWNSIDE <ul style="list-style-type: none"> Less traffic impact during reconstruction 	LOW ENVIRONMENTAL IMPACT <ul style="list-style-type: none"> Project footprint Water quality Higher traffic volumes expected Higher noise
	COST <ul style="list-style-type: none"> Construction cost (\$2M/Highway) Maintenance cost

Intersection Improvements: Woodlands Boulevard Roundabout



Intersection Improvements: Valley Drive Traditional



FIFTH STREET IMPROVEMENTS



FIFTH STREET IMPROVEMENTS

3-Lane Alternative



Roadway widening to accommodate on-street bike lane(s) and a second eastbound through lane



ADVANTAGES	DISADVANTAGES
SAFETY <ul style="list-style-type: none"> Perceived lower speeds 	RELIABILITY <ul style="list-style-type: none"> Higher tendency for eastbound congestion beyond 2040 Capacity limitations beyond 2040 Sensitive to high growth (development)
LOW ENVIRONMENTAL IMPACT <ul style="list-style-type: none"> Adjust project impacts Reduce quality considerations Less traffic volume expected Less noise 	DOWNSIDE <ul style="list-style-type: none"> On-site impact to traffic during construction On-site impact to traffic during maintenance activities Greater impact to traffic during incident management
COST <ul style="list-style-type: none"> Construction cost (\$2M/less) Maintenance cost 	

Intersection Improvements: Woodlands Boulevard Roundabout



Intersection Improvements: Valley Drive Traditional



FIFTH STREET IMPROVEMENTS

PROCESS UTILIZED



FIFTH STREET IMPROVEMENTS PROJECT

Stakeholder Feedback – We want to know you!

Please complete the questions below to help us all the project progress.

1. What is your connection to the Fifth Street corridor, from Elliott Street to Broadway Parkway? (Circle all options that describe you)

- I live on the corridor
- I work on the corridor
- I am a customer and/or the provider of work
- I am the owner of a business that has a face-to-face relationship with the corridor
- I live along the corridor
- My business is along the corridor

2. What would you like to know with the project team now that you've learned more about the future of the Fifth Street corridor? Do you have any suggestions or questions?

3. The project has evaluated three lanes and two-lane alternatives between Broadway Boulevard and Broadway Parkway. Do you have a preference?

4. How would you prefer to receive project information and updates? (Circle all responses you see)

- Email
- Facebook/Twitter/Instagram
- Project website
- Project newsletters
- Sign
- Social media app

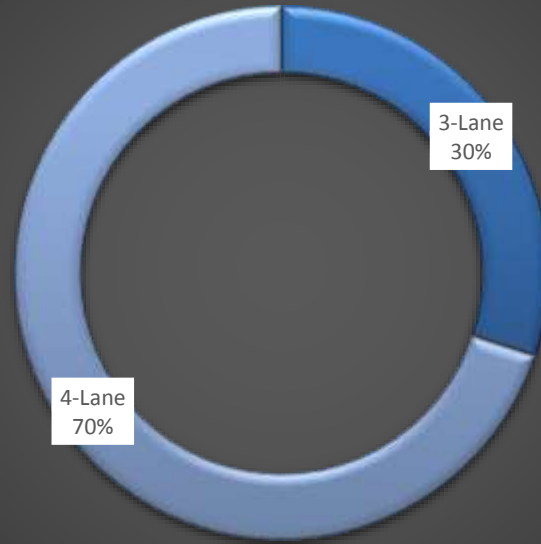
5. If you would like to receive project updates, please provide your contact information below:

First and last name: _____
Email address: _____
Phone number: _____

CONTACT US AT 503.253.3333
WWW.CITYOFSEASIDE.ORG

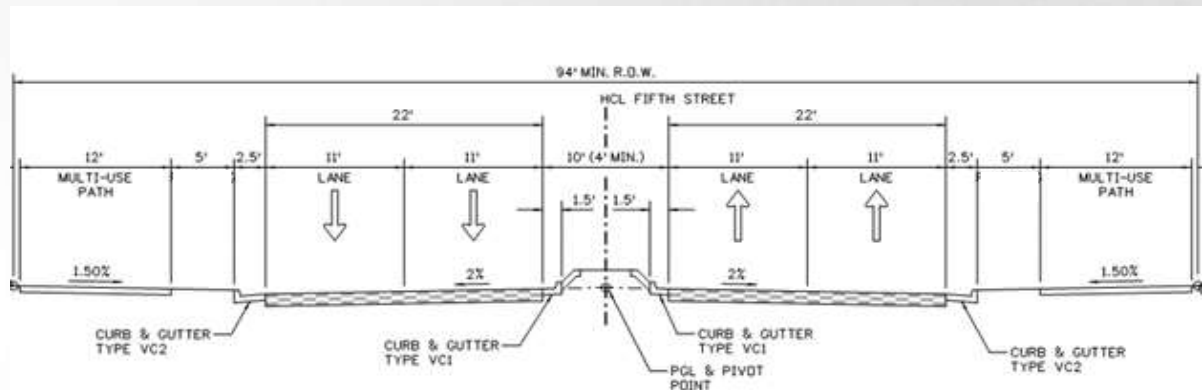
COMMUNITY FEEDBACK

ALTERNATIVE PREFERENCE



■ 3-Lane ■ 4-Lane

COMMUNITY FEEDBACK



PROJECT OBJECTIVES

1.) Increase multi-modal use and pedestrian safety

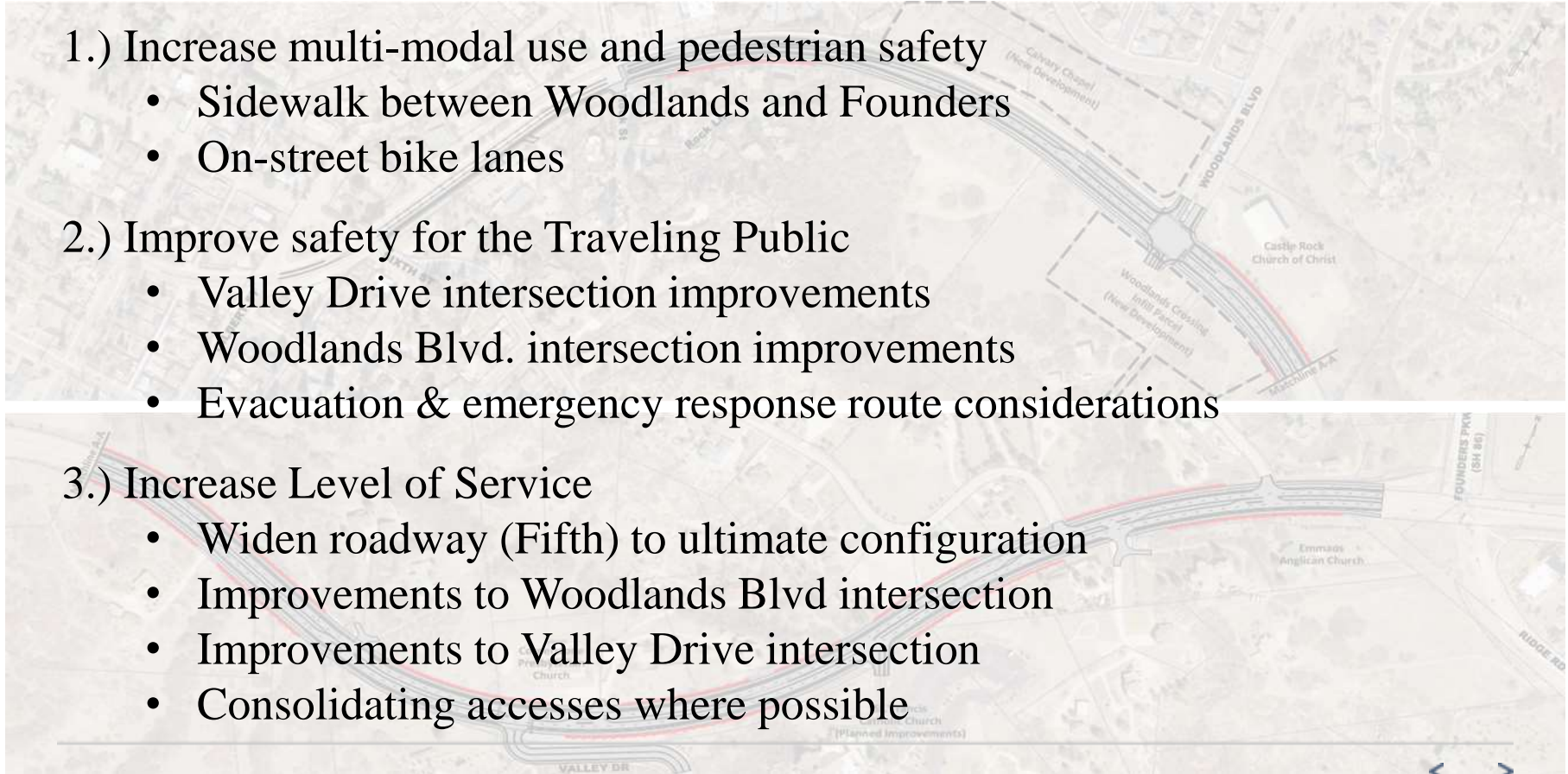
- Sidewalk between Woodlands and Founders
- On-street bike lanes

2.) Improve safety for the Traveling Public

- Valley Drive intersection improvements
- Woodlands Blvd. intersection improvements
- Evacuation & emergency response route considerations

3.) Increase Level of Service

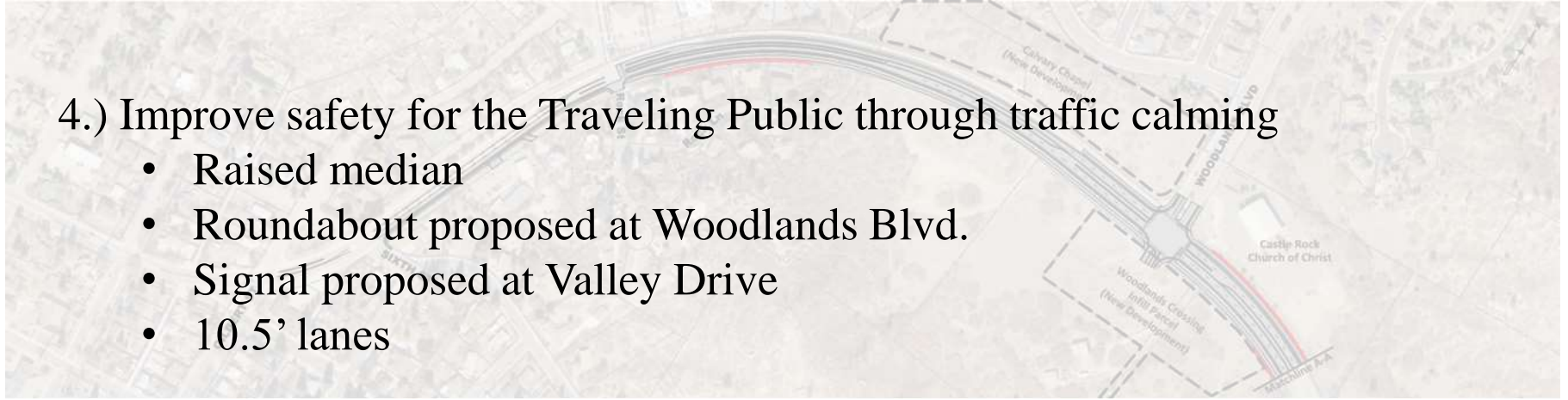
- Widen roadway (Fifth) to ultimate configuration
- Improvements to Woodlands Blvd intersection
- Improvements to Valley Drive intersection
- Consolidating accesses where possible



PROJECT OBJECTIVES

4.) Improve safety for the Traveling Public through traffic calming

- Raised median
- Roundabout proposed at Woodlands Blvd.
- Signal proposed at Valley Drive
- 10.5' lanes



RECOMMENDED DESIGN



STAFF RECOMMENDATION

Staff recommends that Council provide staff direction to continue design development of the Fifth Street Improvements project based on the recommended concept/layout.

PROPOSED MOTION

“I move to direct staff to continue design development of the Fifth Street Improvements project as recommended.”

Alternate motions:

“I move to direct staff to implement the recommended concept with the following adjustments _____.”

“I move to direct staff to implement the three-lane section between Woodlands and SH86”