



# WJB IMPROVEMENT PROJECT

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City of Bryan - City Council Meeting

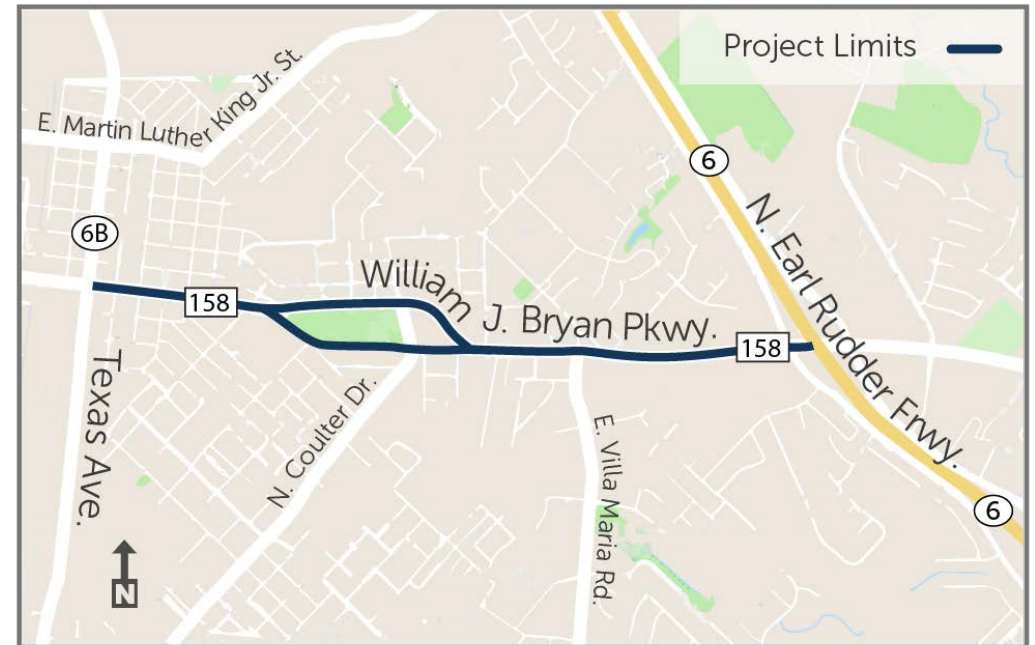
January 8, 2019

# Overview



## Project Considerations

- Safety and mobility for all users – drivers, pedestrians, and bicyclists
- Provide a safer place to live, visit, work, and recreate
- Create safe connectivity to parks, other amenities, and area locations
- Location and placement of utilities
- Improve stormwater quality through green infrastructure and multipurpose amenities



# Process



## JAN. - MAR. Gather Data

- Survey (trees, roads)
- Traffic data analysis
- Environmental review
- Meetings with property owners
- Introductory public meeting to gather input



## APRIL - JUNE Identify Potential Improvements

- Public input review and analysis
- Identification of preliminary improvement concepts
- Public design workshop



## JULY - NOV. Evaluate Options and Refine Plan

- Public input review and analysis
- Engineering analysis for viable options
- Coordination and updates with stakeholders on options



## DEC. - FEB. Present Draft Plan and Refine

- Public meeting
- Additional engineering analysis



## EARLY 2019 Finalize Plan

- Refinements to design plan
- Coordination with public, TxDOT, and other agencies to share final plan



# Community Involvement



## Feb. 2018 Public Meeting

### Most Important Aesthetic Elements



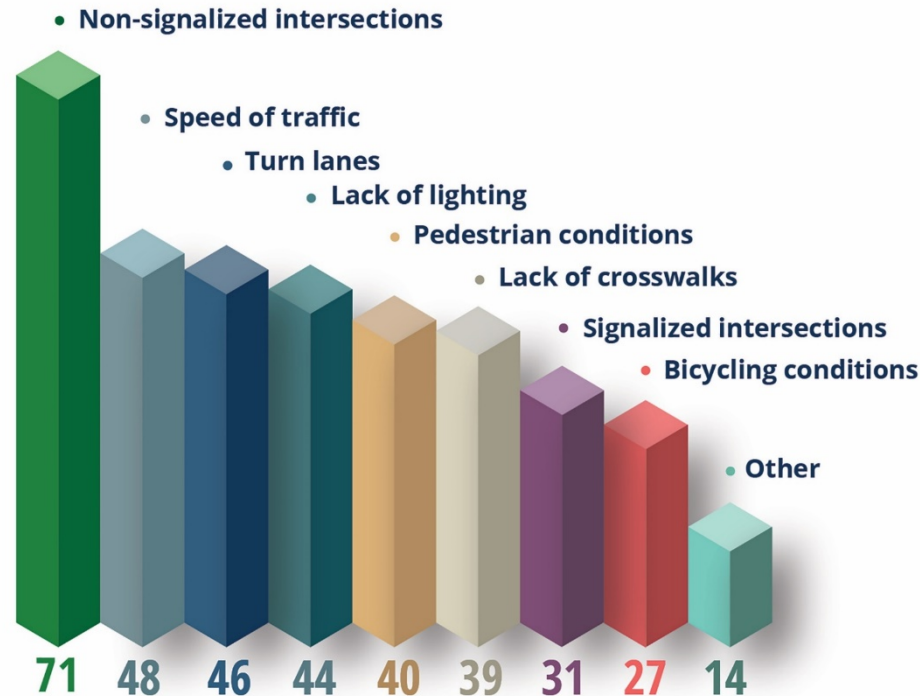
Lighting



Trees and planting

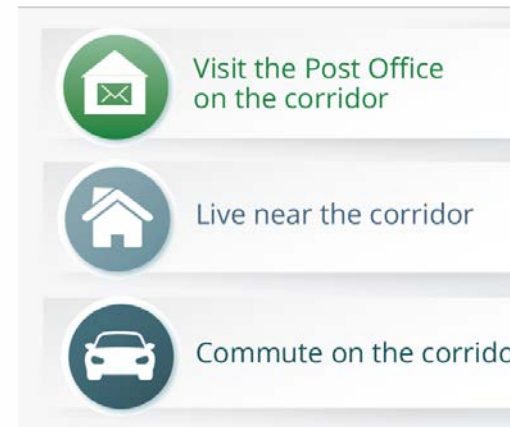


Developing a gateway to downtown



### Safety Concerns

### How Do You Use WJB?



# Community Involvement

## Public Meeting Mapped Comments



# Community Involvement



April 2018  
Public Meeting



## Input on Concepts

	<b>Historic:</b> I like them: 7 Neutral: 2 I dislike them: 2		<b>Residential:</b> I like them: 9 Neutral: 0 I dislike them: 1
	<b>Park:</b> I like them: 11 Neutral: 1 I dislike them: 1		<b>Business:</b> I like them: 7 Neutral: 2 I dislike them: 2

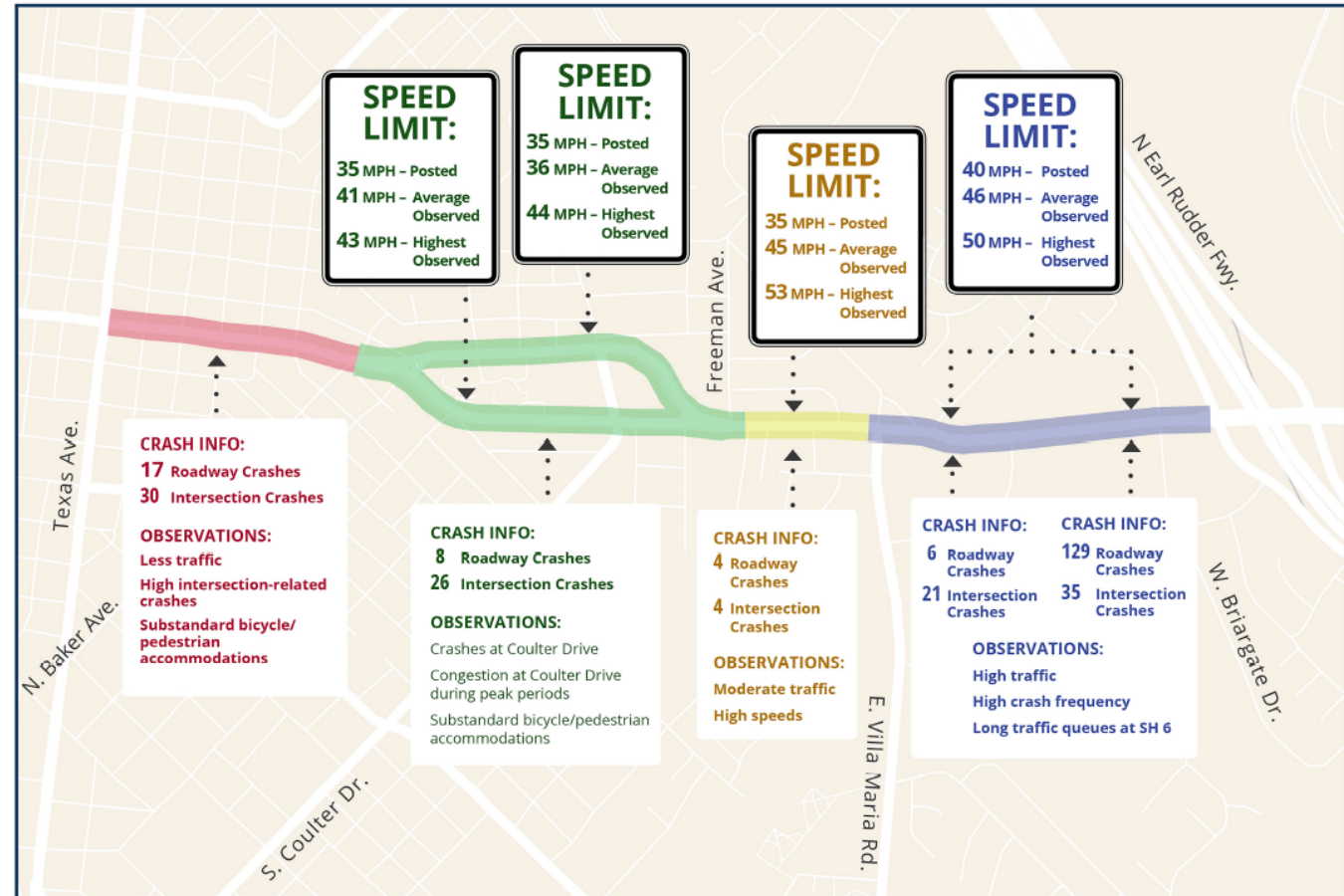
# Existing Conditions



## Estimated Police/Fire Response Costs

- Total Crashes – 280
- PD/FD Cost/Crash - \$1050\*
- **Total Estimated Cost - \$294,000**

\*Includes average costs for Police Officer, Fire Engine, and Ambulance response.



The traffic crash data is from March 1, 2015 to March 1, 2018.

# Major Design Concepts



## Raised Medians

- Reduce Crashes
- Reduce Speeds
- Current BCS standard for arterials

## Roundabouts

- Reduce Operating Speeds entering Park Zone
- Provide crossing locations for Shared Use Path
- Provide U-turns at Residential/Historic Zone Connections

## Lane Width Reductions

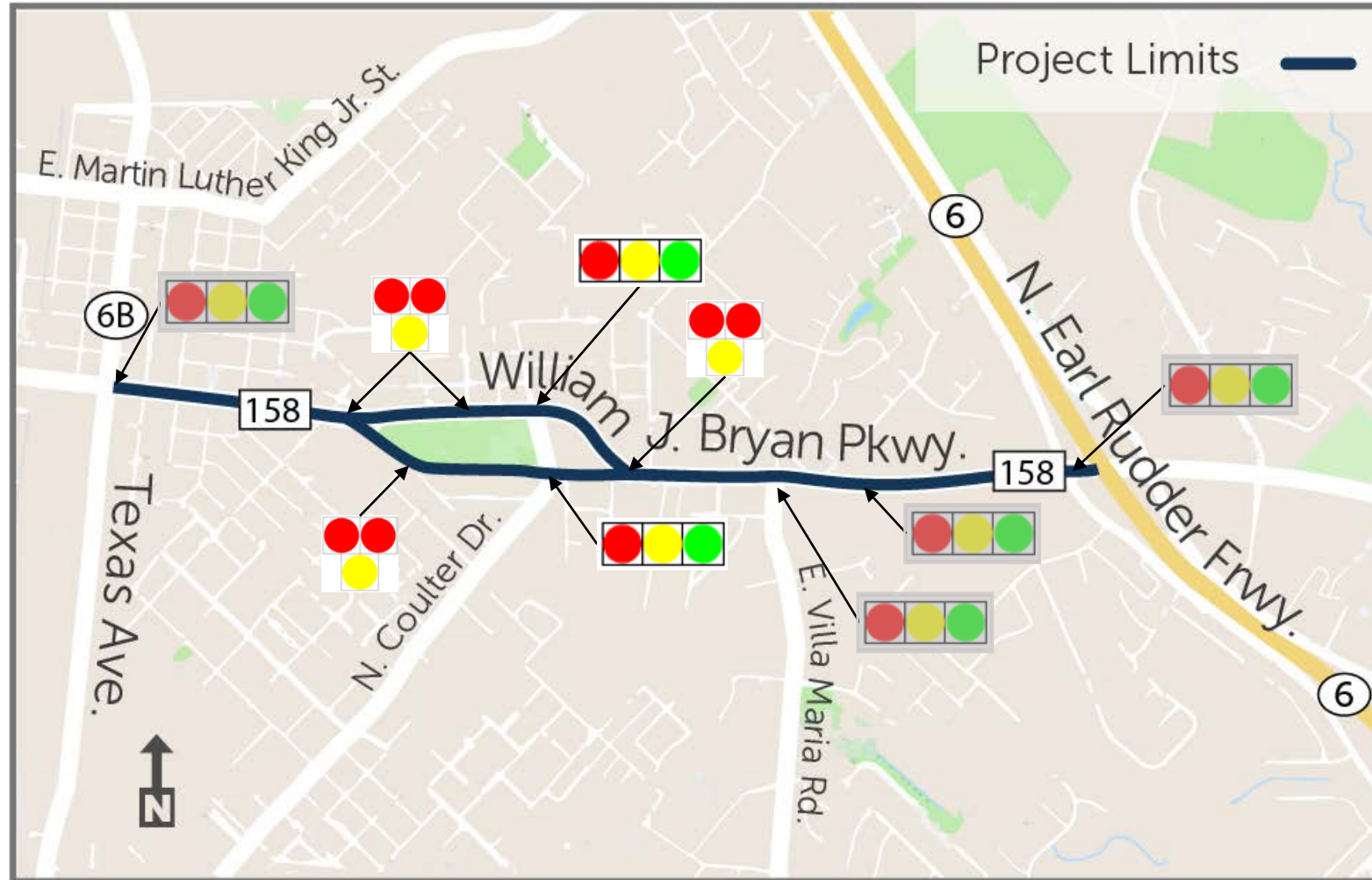
## Speed Limit Reductions

# Major Design Concepts



## Signals

-  Traffic Signal
-  Pedestrian Beacon
-  Hybrid Beacon



# Other Improvements



- Shared Use Paths
- Limited Landscaping Improvements
  - Trees, Plantings, Patterned Concrete
- Overhead Utility Conversion to Underground
- Continuous Lighting

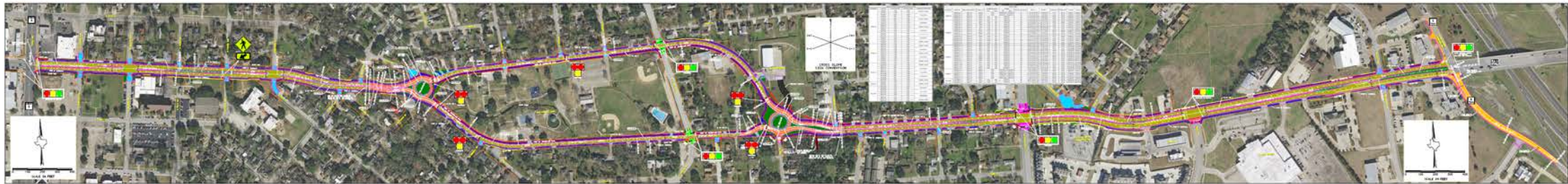
# Proposed Plan



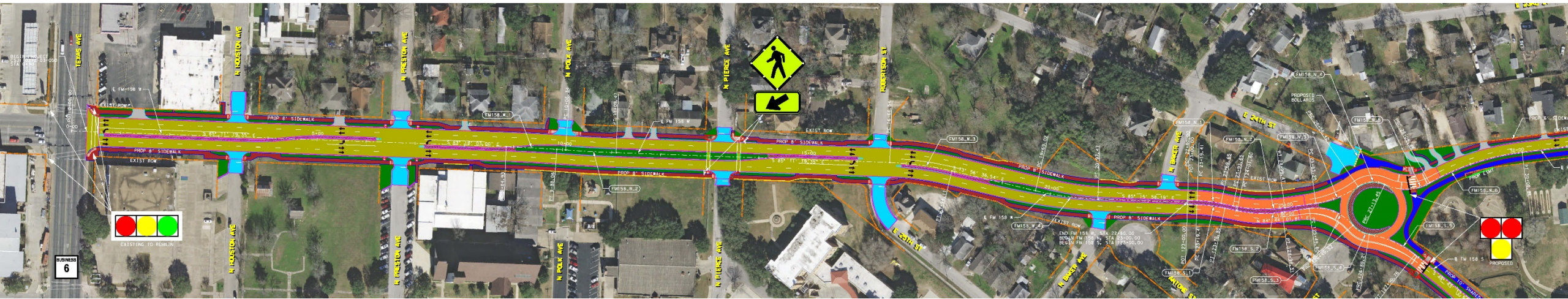
## Rendering



## Schematic



# Plan – Historic Zone



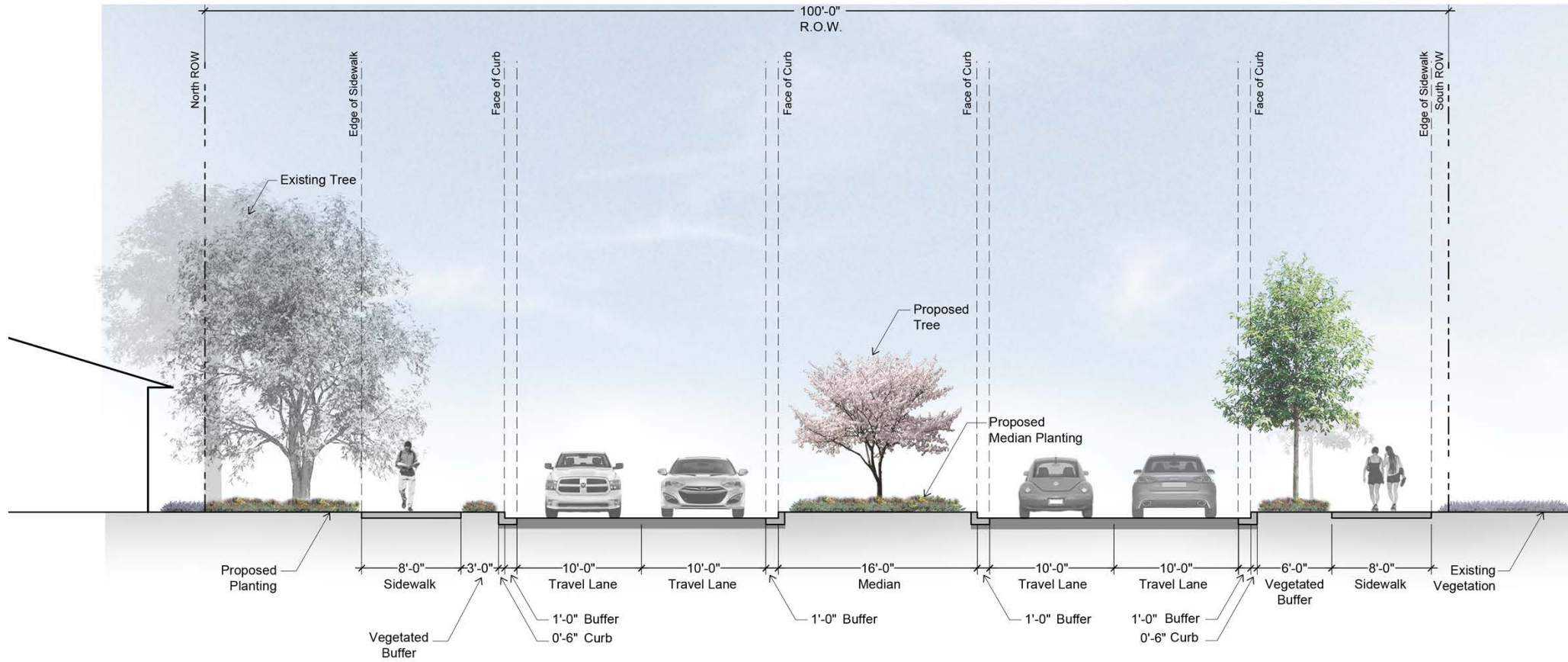
# Plan – Historic Zone



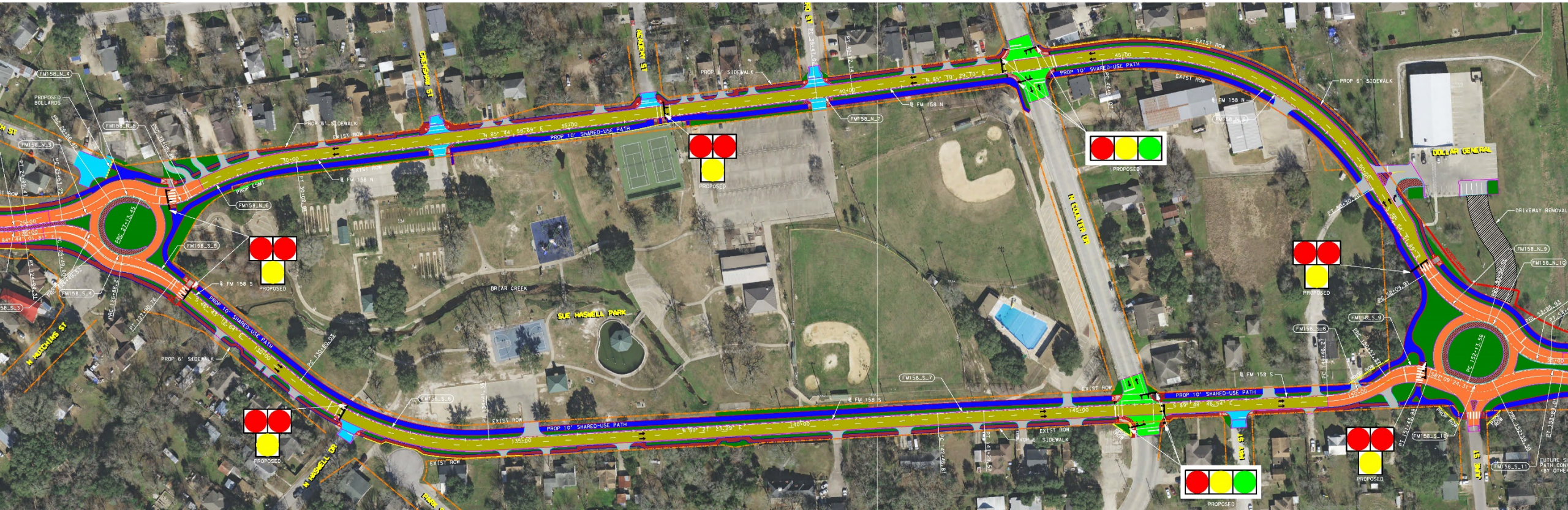
# Plan – Historic Zone



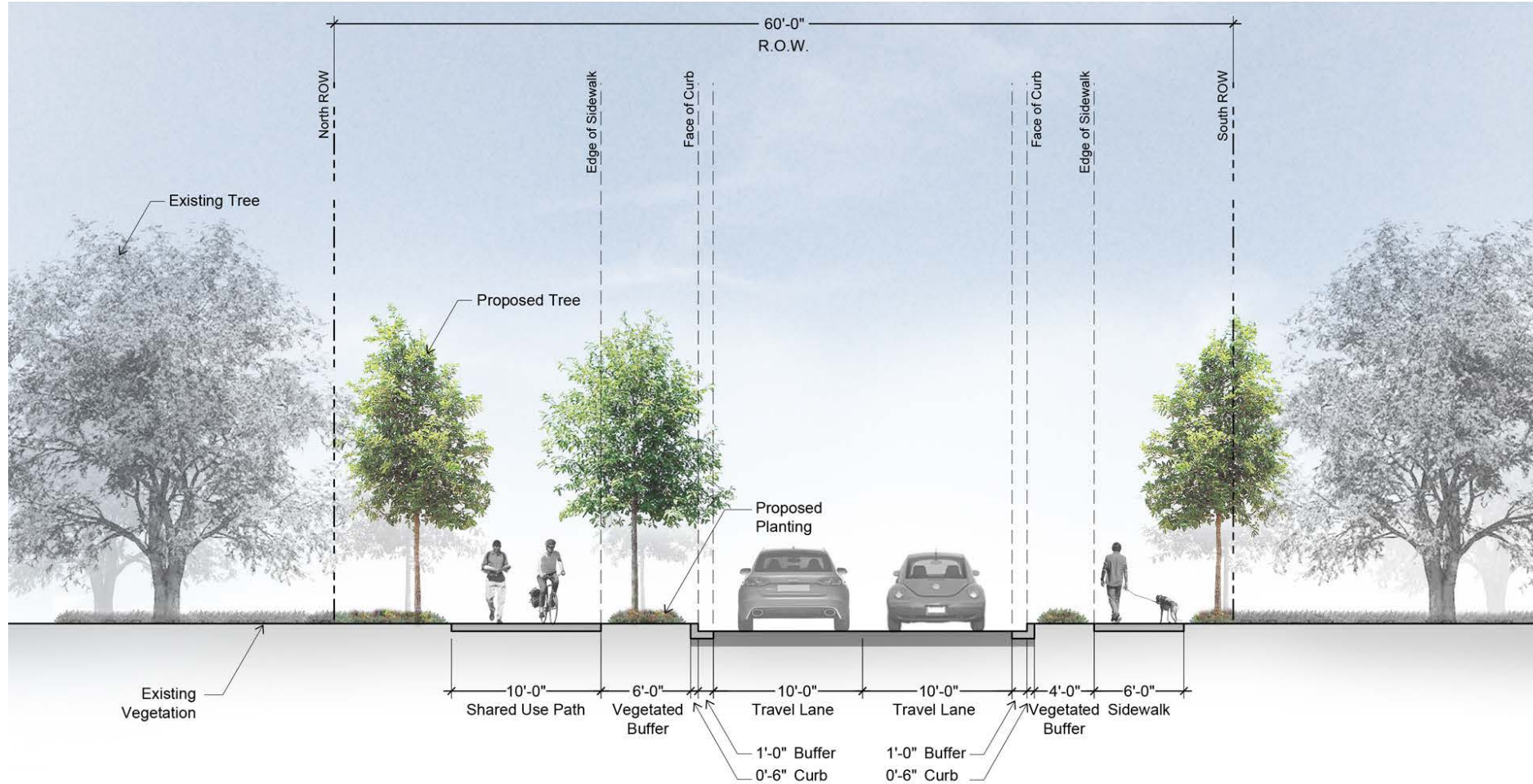
# Plan – Historic Zone



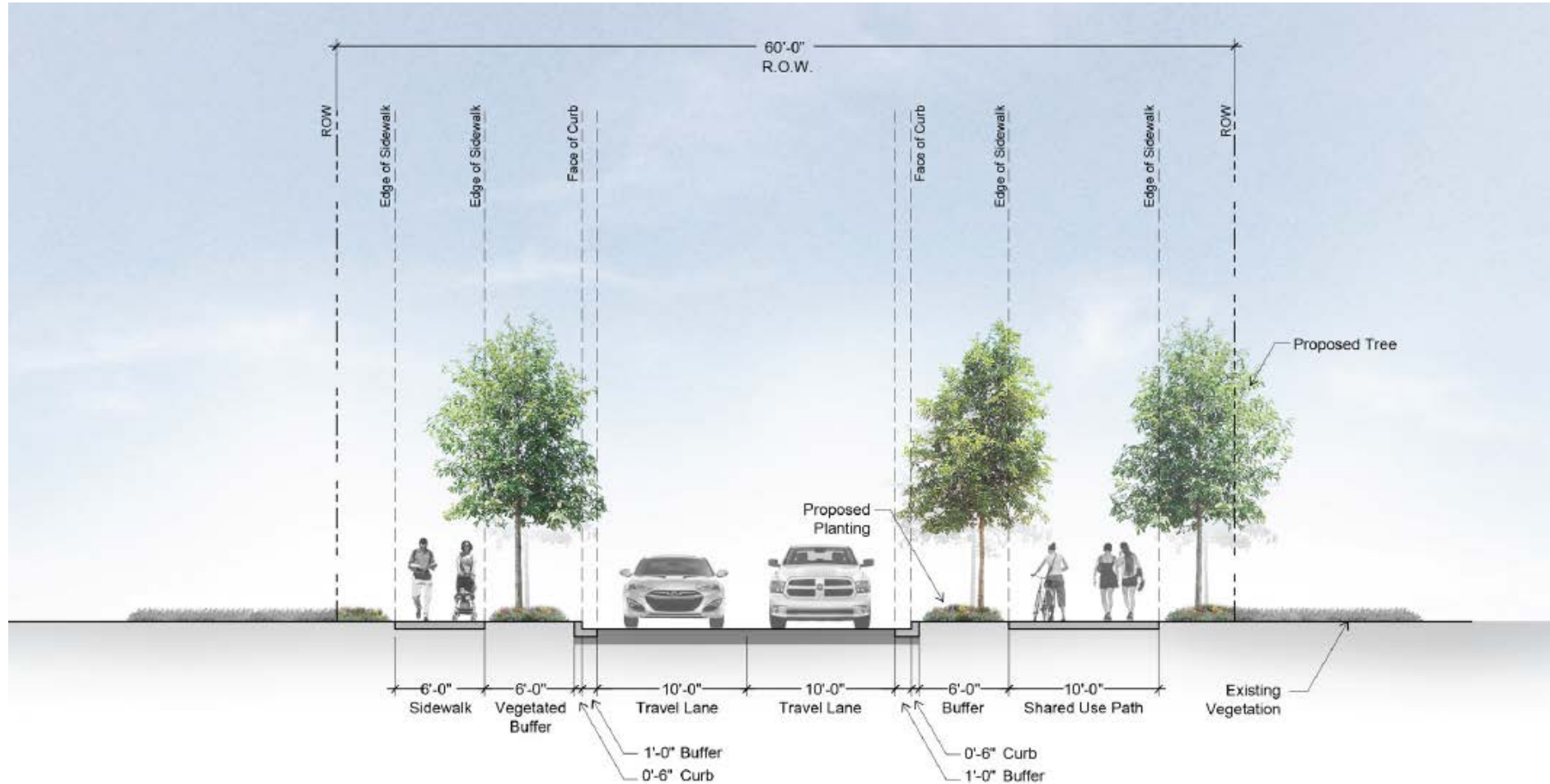
# Plan – Park Zone



# Plan – Park Zone (EB)



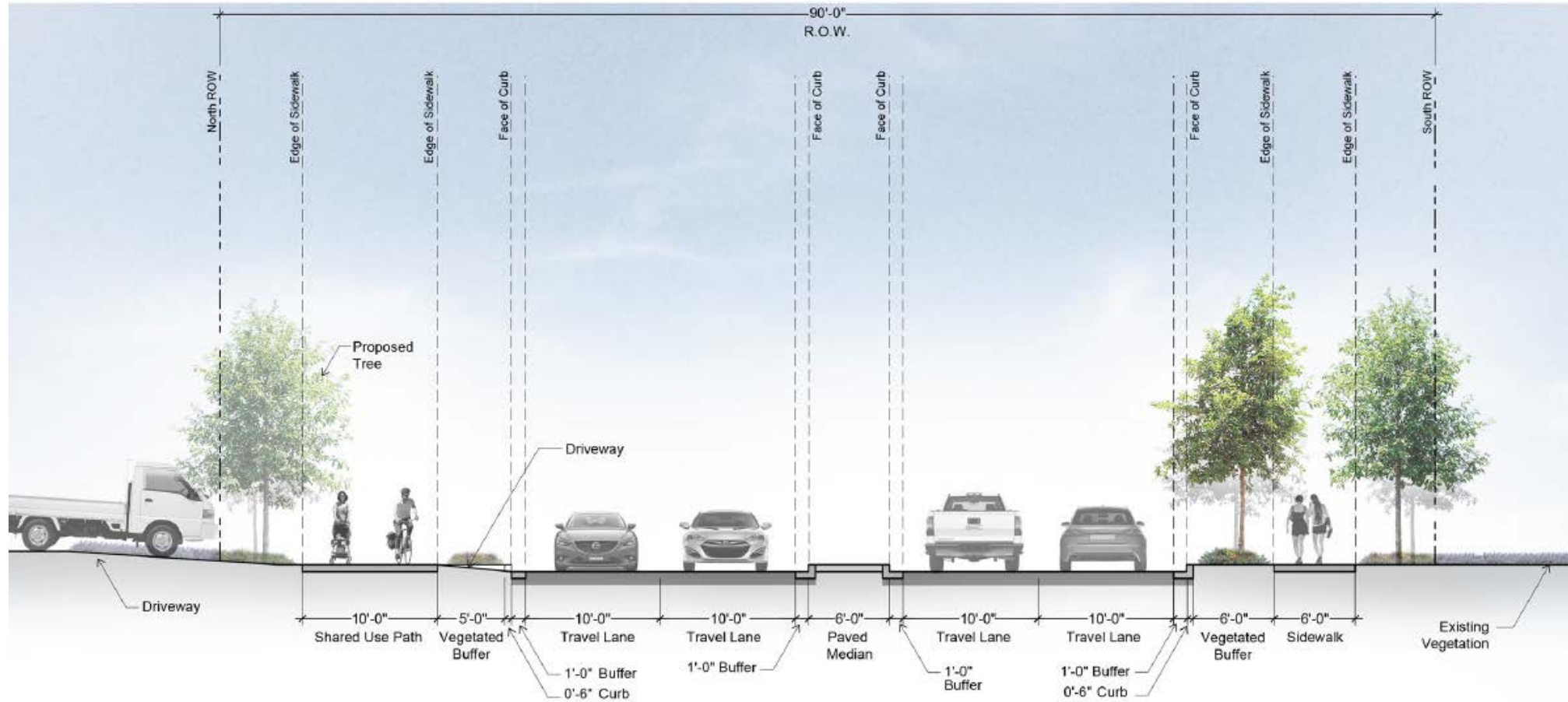
# Plan – Park Zone (WB)



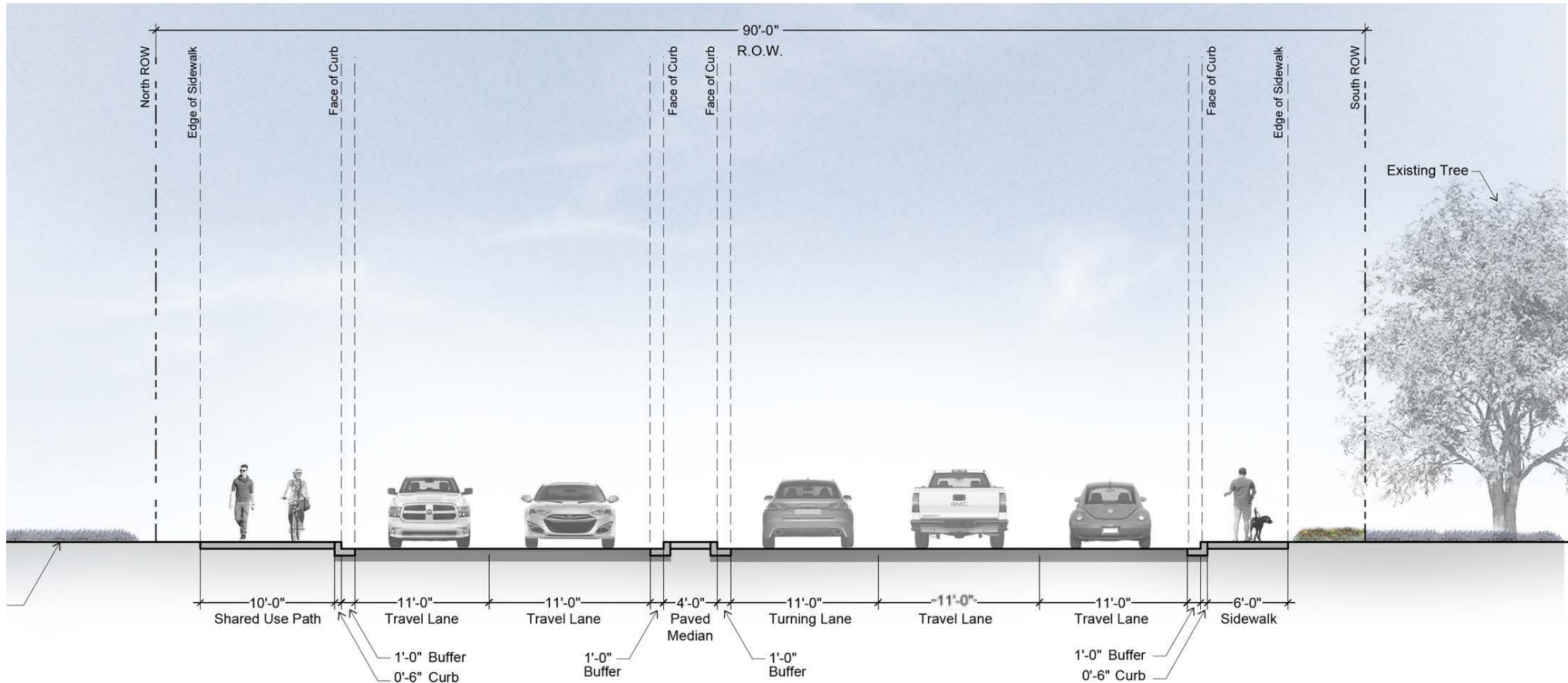
# Plan – Residential Zone



# Plan – Residential Zone



# Plan – Residential Zone



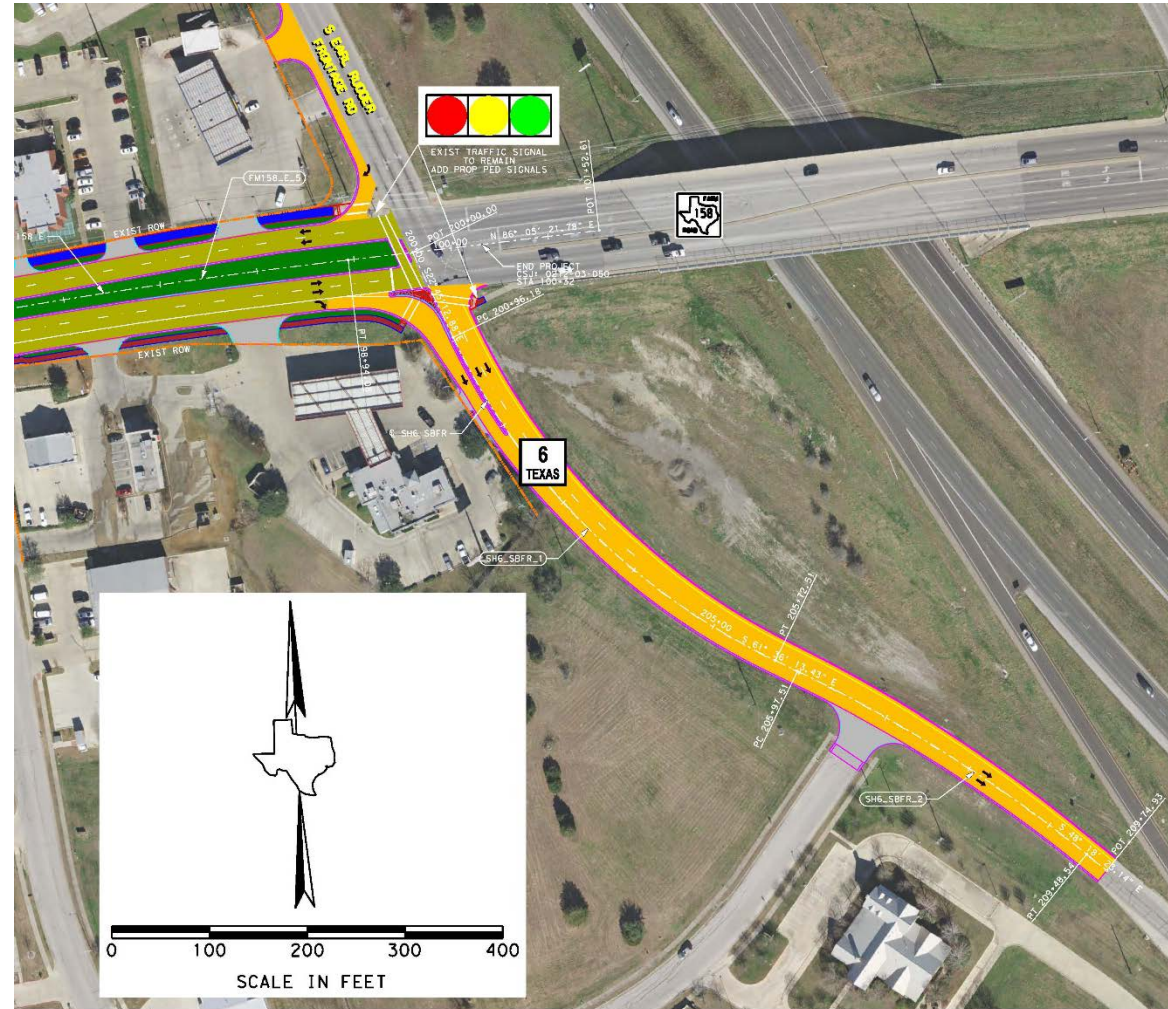
# Plan – Business Zone



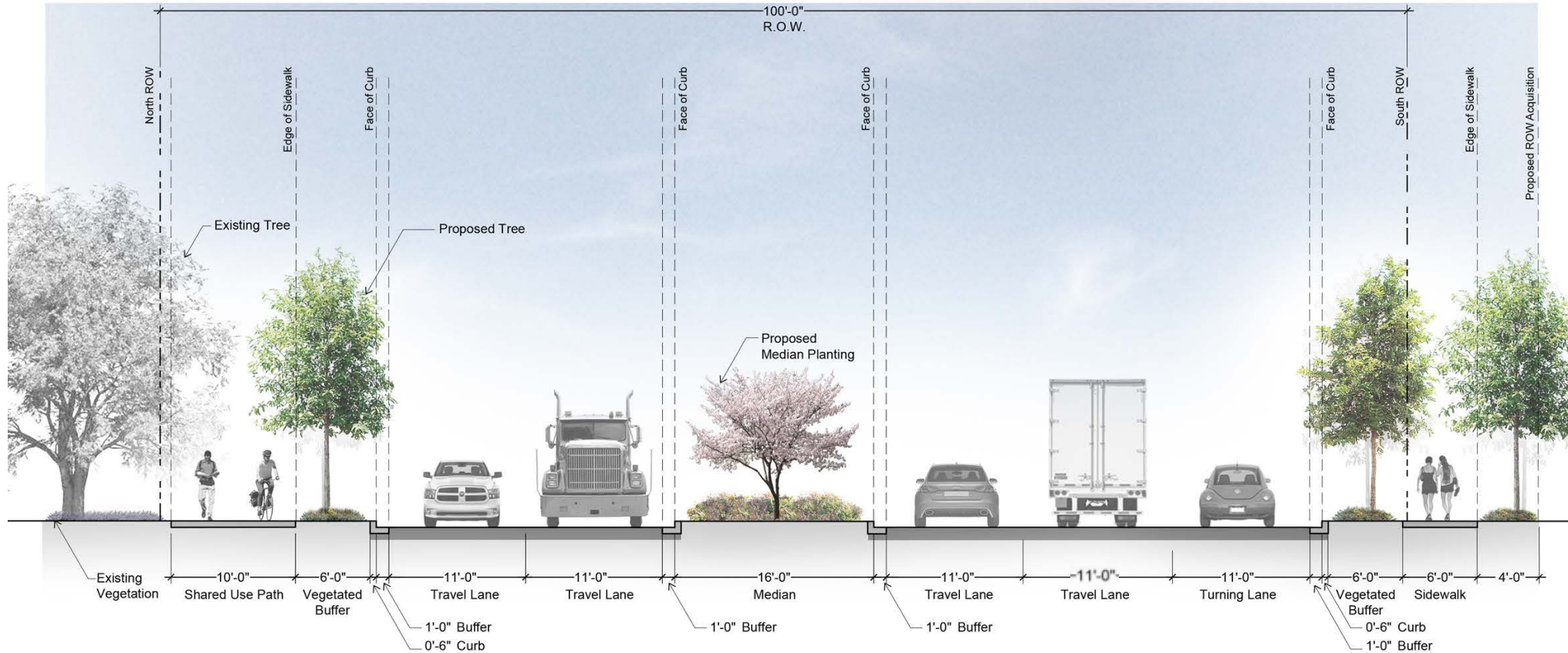
STATION	NO.	DATE	BY	REVISION	DESCRIPTION
0+00	1	08/14/13	WJB	1	ISSUED FOR PERMIT
0+00	2	08/14/13	WJB	2	ISSUED FOR PERMIT
0+00	3	08/14/13	WJB	3	ISSUED FOR PERMIT
0+00	4	08/14/13	WJB	4	ISSUED FOR PERMIT
0+00	5	08/14/13	WJB	5	ISSUED FOR PERMIT
0+00	6	08/14/13	WJB	6	ISSUED FOR PERMIT
0+00	7	08/14/13	WJB	7	ISSUED FOR PERMIT
0+00	8	08/14/13	WJB	8	ISSUED FOR PERMIT
0+00	9	08/14/13	WJB	9	ISSUED FOR PERMIT
0+00	10	08/14/13	WJB	10	ISSUED FOR PERMIT
0+00	11	08/14/13	WJB	11	ISSUED FOR PERMIT
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0+00	18	08/14/13	WJB	18	ISSUED FOR PERMIT
0+00	19	08/14/13	WJB	19	ISSUED FOR PERMIT
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0+00	24	08/14/13	WJB	24	ISSUED FOR PERMIT
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0+00	38	08/14/13	WJB	38	ISSUED FOR PERMIT
0+00	39	08/14/13	WJB	39	ISSUED FOR PERMIT
0+00	40	08/14/13	WJB	40	ISSUED FOR PERMIT



# Plan – Business Zone – SH 6



# Plan – Business Zone



# Next Steps



- Gather feedback on the proposed improvements
  - Public meeting - Jan. 24 2019
- Finalize Schematic Design
- Develop construction documents





# Questions?



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