

2021 Tarrant County Transportation Bond Program Update

Alonzo Liñán, PE, PTOE
Director of Public Works
Oct. 5, 2021

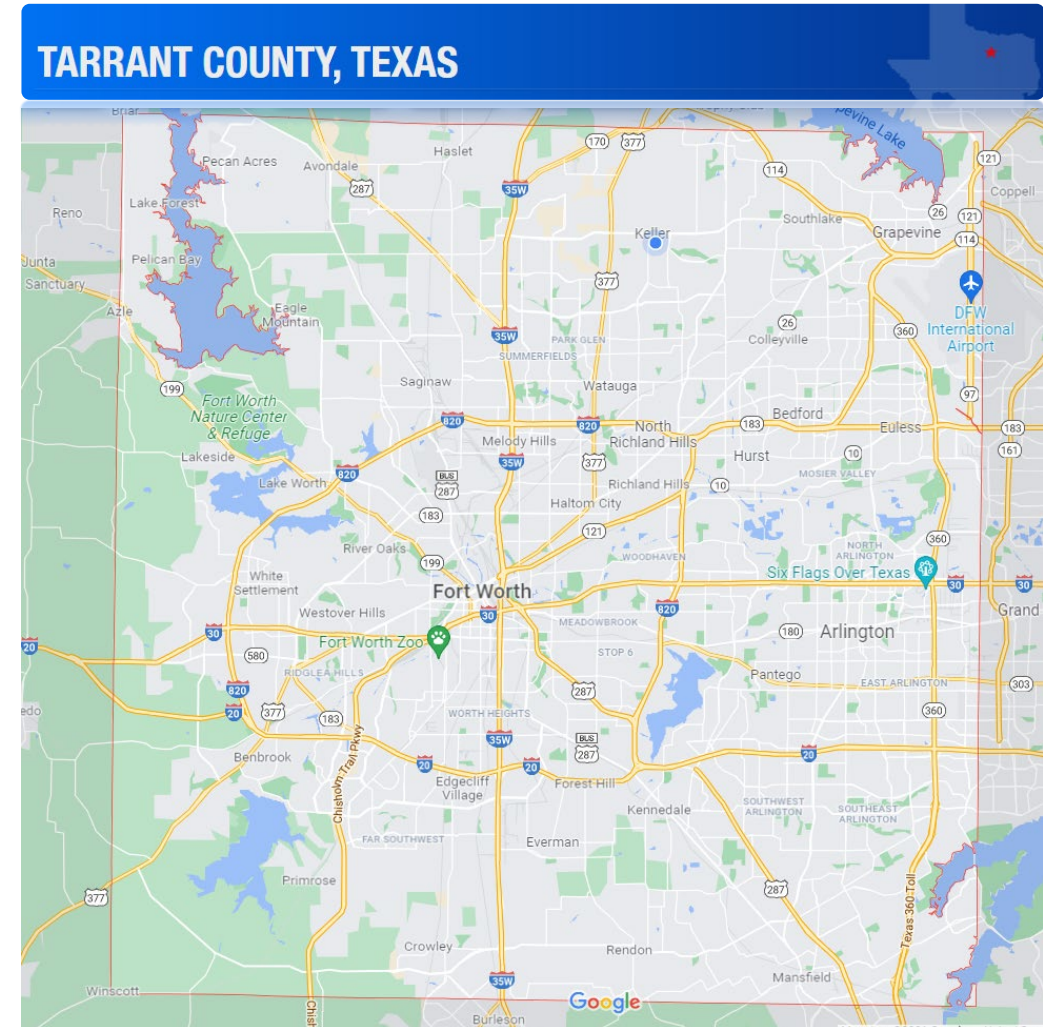
Program Overview

Tarrant County 2021 Transportation Bond Program

- \$200M in county funds for projects
 - Designed to leverage local funding resources
 - 50% local match is required
- \$125M County-wide and Partnership Initiatives
- \$75M Discretionary Allotment for each Commissioner

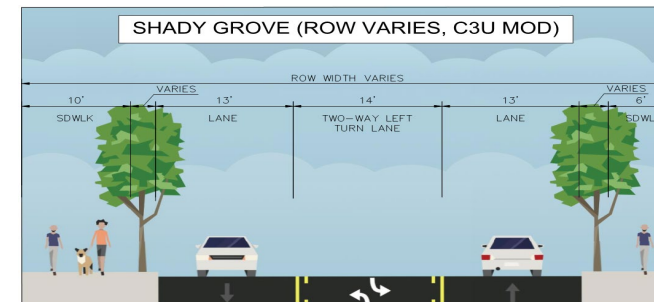
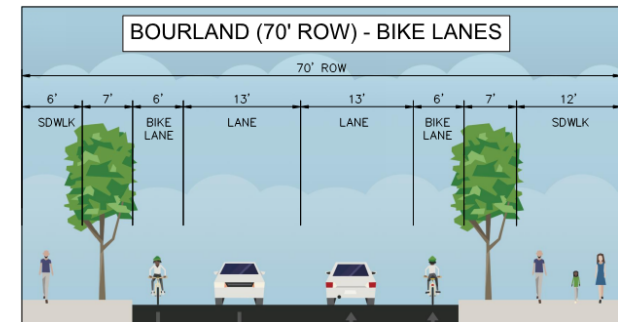
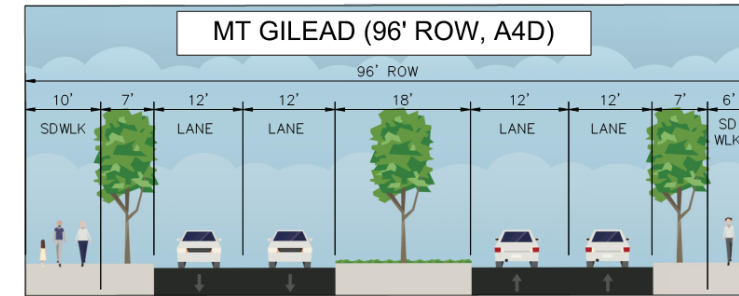
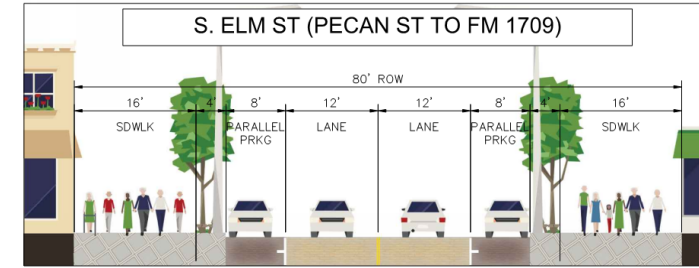
Bond Project Submission Requirements

- Letter from Mayor
- City Resolution Of Support
- Project cost estimate and funding source(s)
- Detailed description (concept drawings, schematics, preliminary designs...)
- Project alignment with local planning documents (i.e. – MTP)



Program Milestones


- 1/28/21 Call for Projects
- 2/25/21 Preliminary Design Contract with KHA (\$12.5k)
- 4/21/21 City Resolution of Support
- 4/13/21 Letter from Mayor
- 4/16/21 Submitted 4 Candidate Projects
 - And Partnered on 2 other Projects
- 9/15/21 Notified of Projects Selected for Bond Program



Partnered Submissions



- Construct NB & SB left turn lanes, traffic signal timing, and improve pedestrian accommodations
- ROW acquisition expected
- Southlake to take the lead
- ~\$3M



NORTH RICHLAND HILLS

**TARRANT COUNTY 2021
TRANSPORTATION BOND PROGRAM
CALL FOR PROJECTS**

Shady Grove Road (Preston Lane to Clay Hibbins Road)

PROJECT SUMMARY


Shady Grove Road is used by both Keller and North Richland Hills residents to access the Davis and North Tarrant commercial areas. This project consists of reconstructing the existing 2-lane undivided roadway to provide wider lanes. The project also includes adding 6" sidewalk to both sides of the street, adding illumination and internal stormwater, and replacing existing water lines.

Project Length: 4,000 LF Classification: Minor Collector ADT: 5,000 vpd

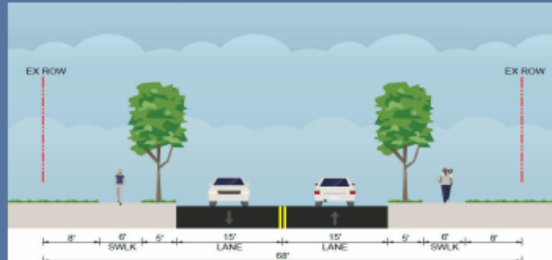
PROJECT COSTS

Category	Amount (\$)
Construction	\$ 4,340,000
ROW	\$ 231,000
Design	\$ 660,000
Contingency (25%)	\$ 1,090,000
Inflation (4%/year)	\$ 355,000
Subtotal (Eligible for Tarrant County 50% Match)	\$ 6,680,000
City PM and Inspection	\$ 334,000
Costs Prior to Nov. 2021 (Kick Off Funds)	\$ -
Total Project Cost	\$ 7,020,000

PROJECT LOCATION



TYPICAL SECTION



PROJECT BENEFITS

Mobility: The existing narrow two-lane road has severely deteriorated and is in poor condition. Reconstructing the roadway to provide an urban curb and gutter section with wide travel lanes will improve the mobility along the corridor.

Connectivity: Adding sidewalk to both sides of the street improves pedestrian connectivity to Shady Grove Elementary School.

Safety: Adding storm drain improvements will improve vehicle safety and reduce potential flooding of adjacent properties. Adding continuous sidewalk improves pedestrian safety.

ESTIMATED SCHEDULE

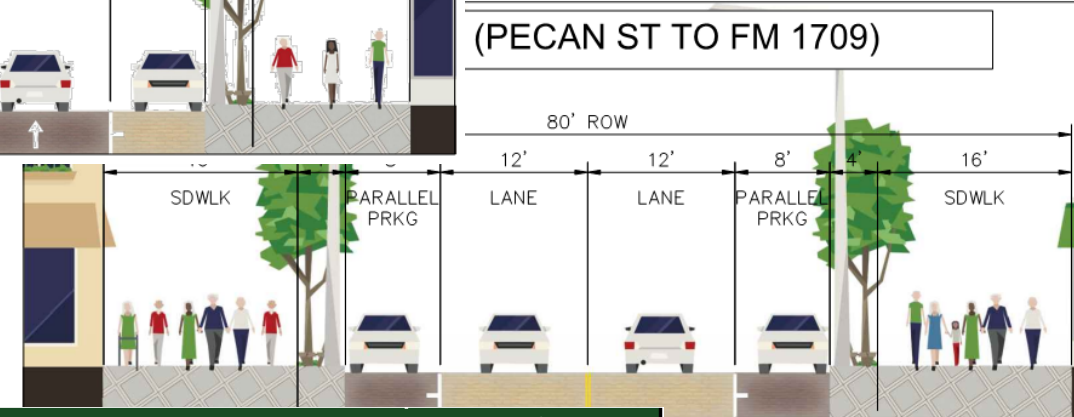
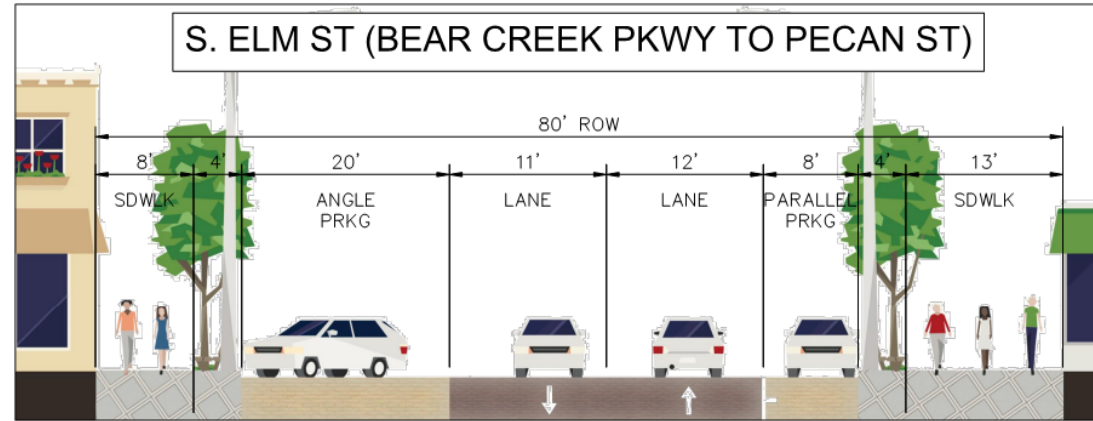
Activity	Start	End
Preliminary Design		
Final Design		
ROW Acquisition		
Franchise Utility Relocations		
Construction		

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Current Status

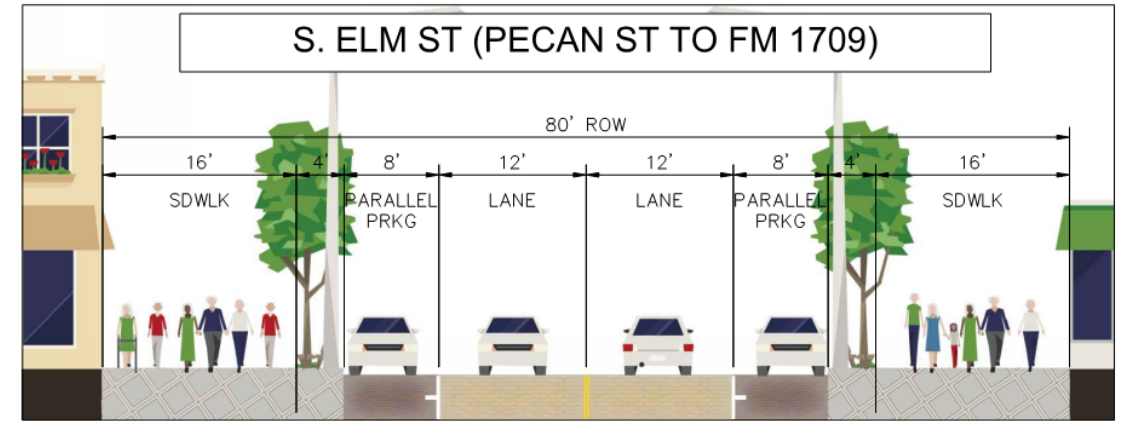
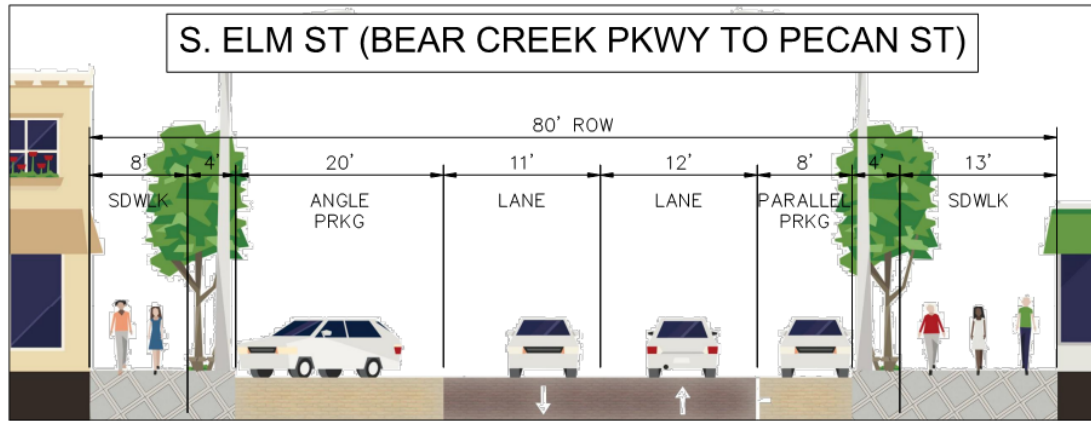
- Total Project cost ~\$17.7M
- Eligible costs ~\$12.7M
- Requested \$6.35M
- Recommended by County for \$5.75M
- November 2, 2021 County Bond Referendum

Discretionary allotments & Commissioner Court Projects have yet to be determined



Category	Amount (\$)
Construction	\$ 7,800,000
ROW	\$ -
Design	\$ 1,750,000
Contingency (25%)	\$ 1,950,000
Inflation (6%/year)	\$ 1,170,000
Subtotal (Eligible for Tarrant County 50% Match)	\$ 12,700,000
City PM, Inspection, and Ineligible Items	\$ 4,951,800
Costs Prior to Nov. 2021 (Kick Off Funds)	\$ -
Total Project Cost	\$ 17,700,000

Elm from Keller Parkway to Bear Creek Pkwy



- Convert a 2 lane, rural bar ditch to an urban 2 lane, curb & gutter with sidewalks
- ~0.51 miles in length
- ~\$17.7M
- Eligible costs ~\$12.7M (50% = \$6.35M)

Activity	Start	End
Preliminary Design	Winter 2021	Spring 2022
Final Design	Spring 2022	Winter 2022
ROW Acquisition	Spring 2021	Spring 2022
Franchise Utility Relocations	Spring 2022	Winter 2022
Construction	Winter 2022	Fall 2024

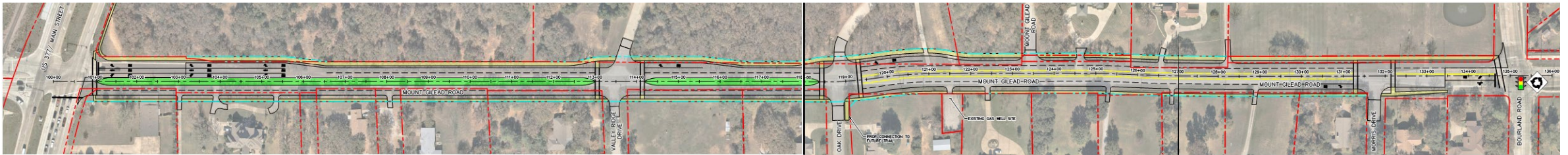
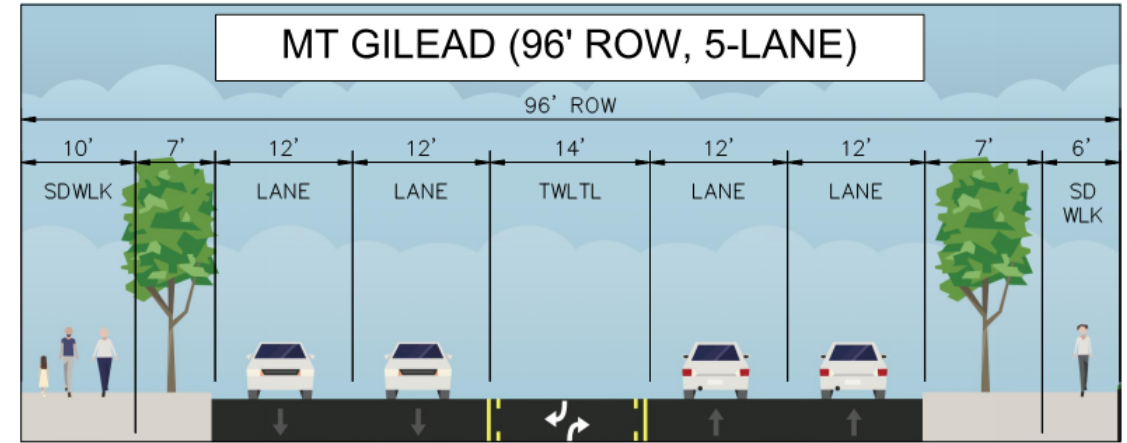
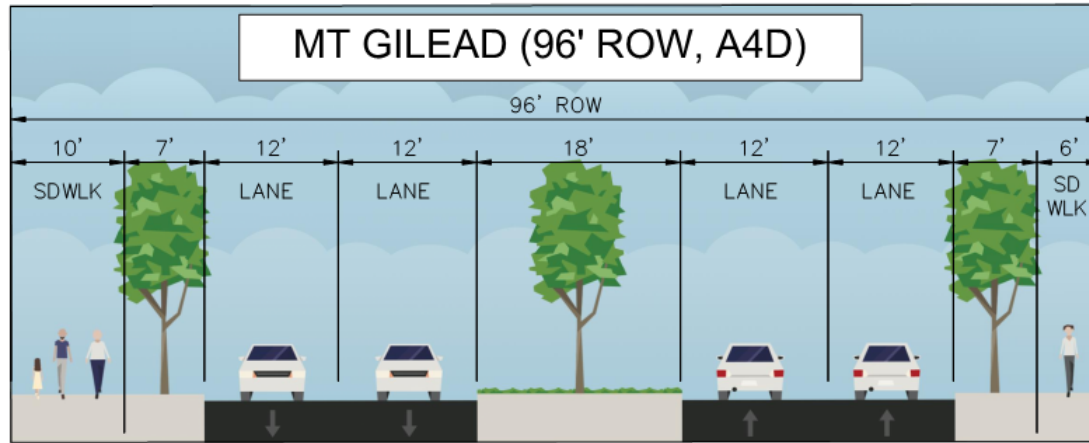
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Questions?
Alonzo Liñán
817-743-4081

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Mt Gilead from US 377 to Bourland



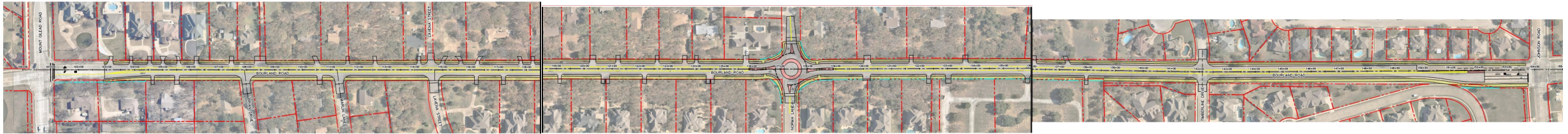
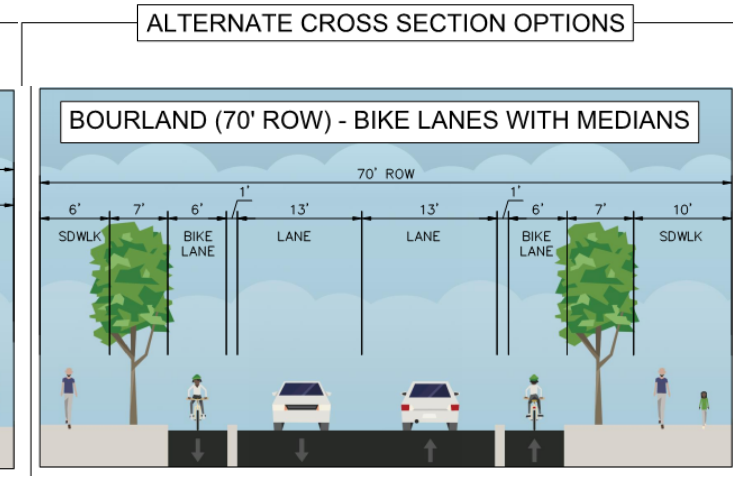
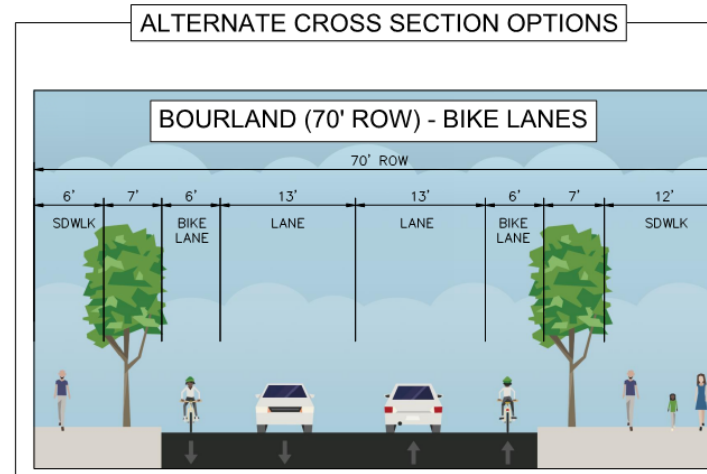
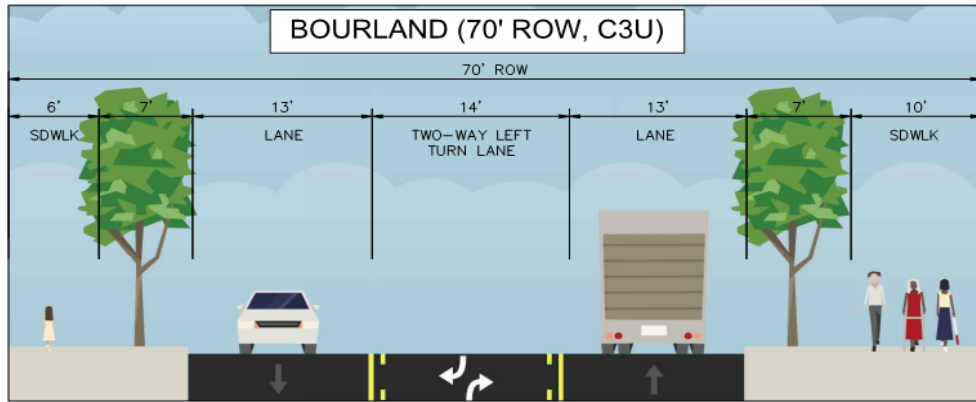
Convert a 2 lane, rural bar ditch to an urban 4 lane divided with curb & gutter and sidewalks

~0.65 miles in length

~\$18M

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Bourland from Mount Gilead to Johnson



Convert a 2 lane, rural bar ditch to an urban 3 lane roadway with curb & gutter and sidewalks

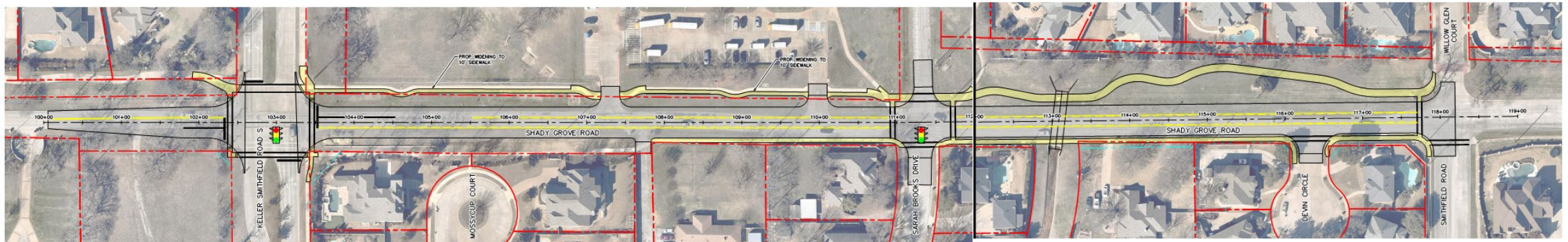
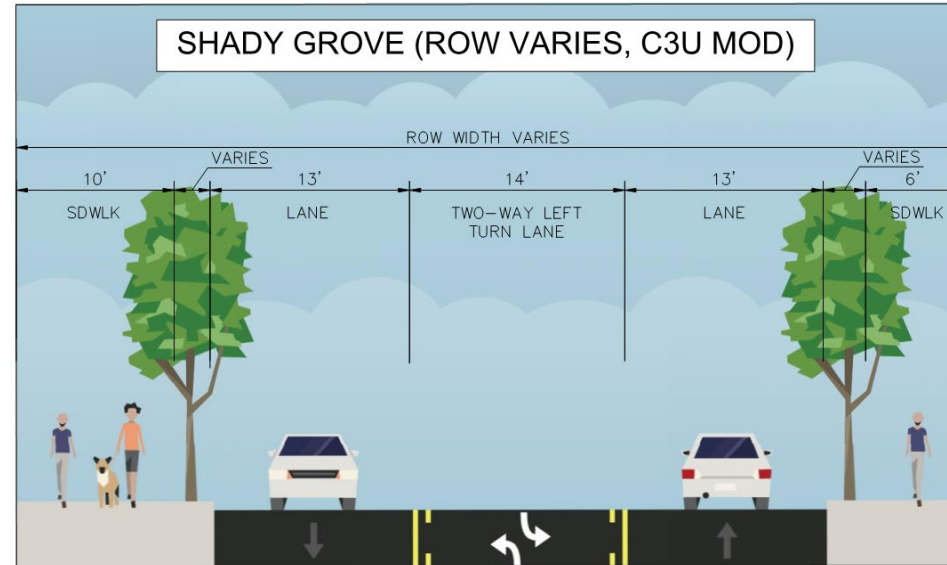
Bicycle accommodation to be determined

~1.0 miles in length

~\$18M

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Shady Grove from Keller-Smithfield to Smithfield



Convert a 2 lane, rural bar ditch to an urban 3 lane, curb & gutter with sidewalks

~0.3 miles in length

~\$10M

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