

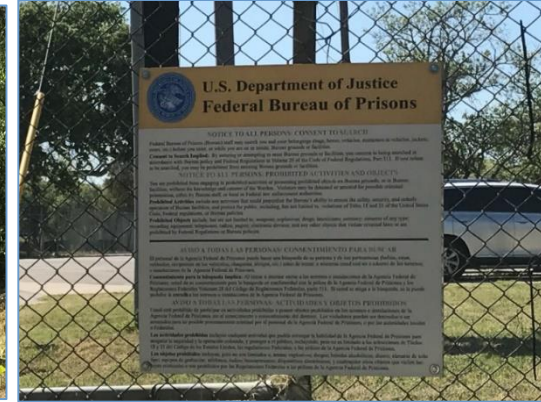
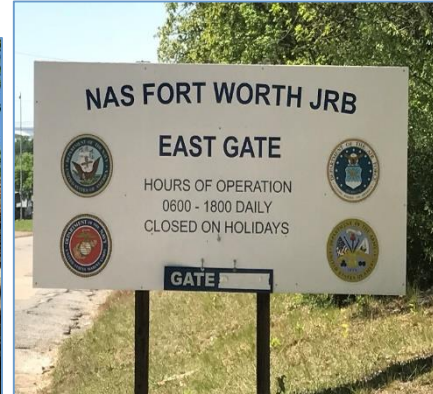


Meandering Road

Design of Meandering
Road from East Gate
of NASJRB to River
Oaks/SH 183



Project Update



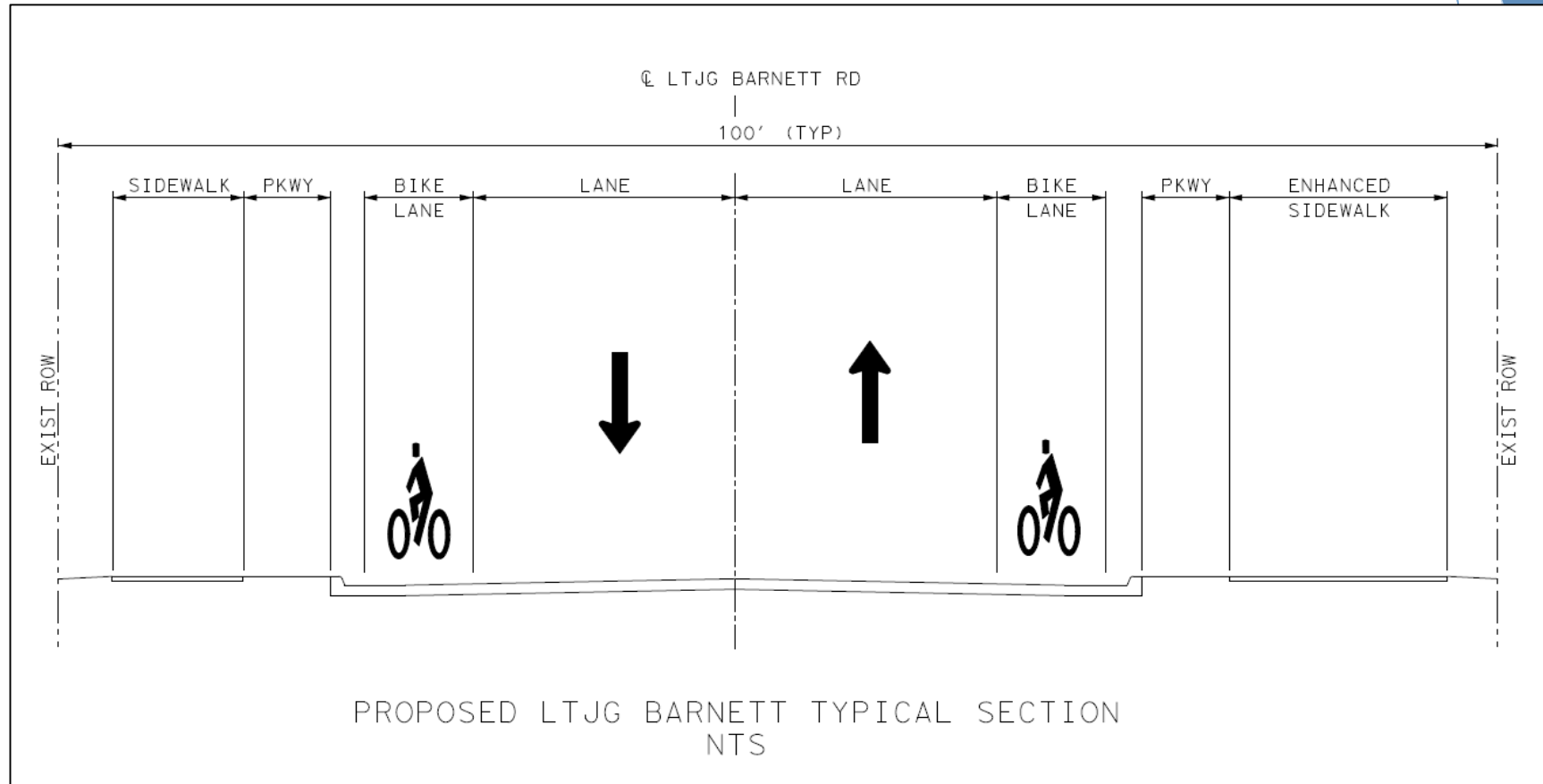
City of River Oaks Town Hall Meetings:

- December 5, 2017
- April 3, 2018
- Sept. 4, 2018
- Oct. 9, 2018
- Nov. 6, 2018

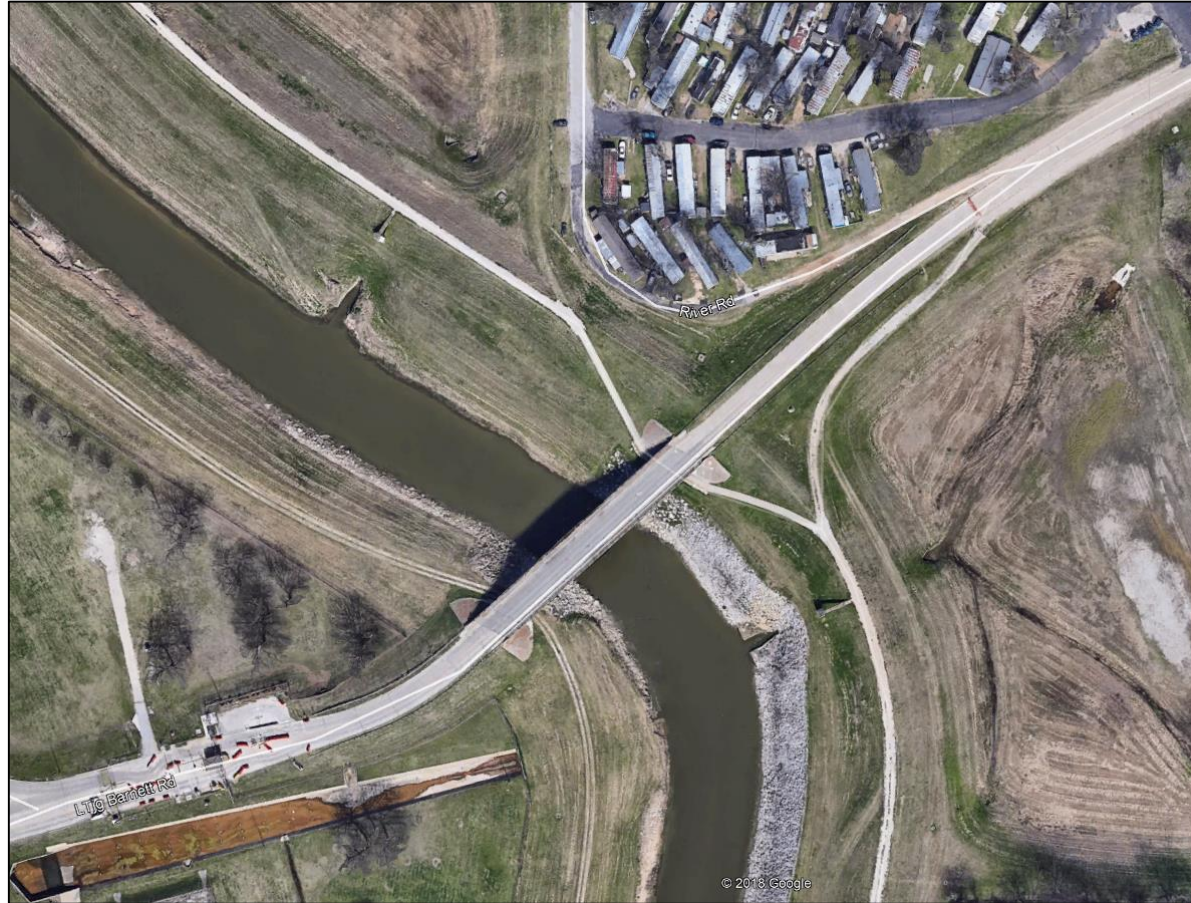
Project Overview



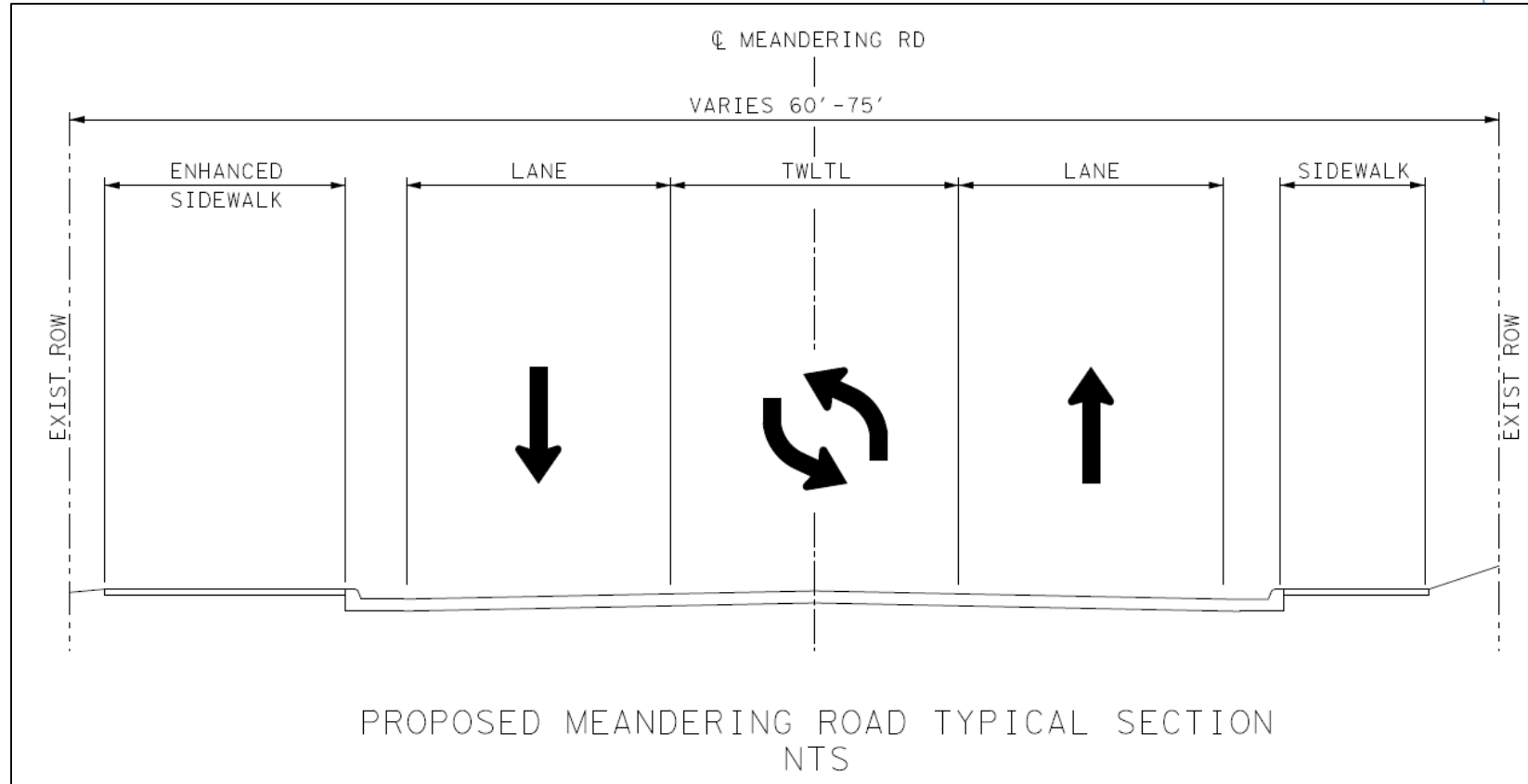
Typical Section



Connectivity



Typical Section









Connectivity



Comparison of Alternatives

Signalized vs. Roundabout

						
Evaluation Criteria	Meandering Rd/LTjg Barnett Rd	Meandering Rd/LTjg Barnett Rd	Meandering Rd/Yale St	Meandering Rd/Yale St	Meandering Rd/Roberts Cut Off Rd	Meandering Rd/Roberts Cut Off Rd
Year 2040 Peak Hr Intersection LOS (AM/PM)	A / A	C / C	A / A	B / B	B / B	C / C
Estimated ROW (SF)	-	-	-	-	-	-
Estimated Constr Costs (\$M)*	TBD	TBD	TBD	TBD	TBD	TBD
Estimated 20-Yr Maintenance Cost (\$M)	\$0.02	\$0.06	\$0.02	\$0.06	\$0.02	\$0.06
Estimated 20-Yr Collision Cost (PC, \$M)	\$0.44	\$1.89	\$0.48	\$2.05	\$0.63	\$2.67
Total 20-Yr Costs (PC, \$M)	\$0.46	\$1.95	\$0.50	\$2.11	\$0.65	\$2.73

* Estimated Construction Costs* data will be provided after Lamb-Star's review of MSA's intersection geometries.

Grayed out columns indicate proposed traffic signals that, based on our observations from the traffic data collected as part of this project, will not meet any of the TMUTCD traffic signal warrants.

Key Intersection



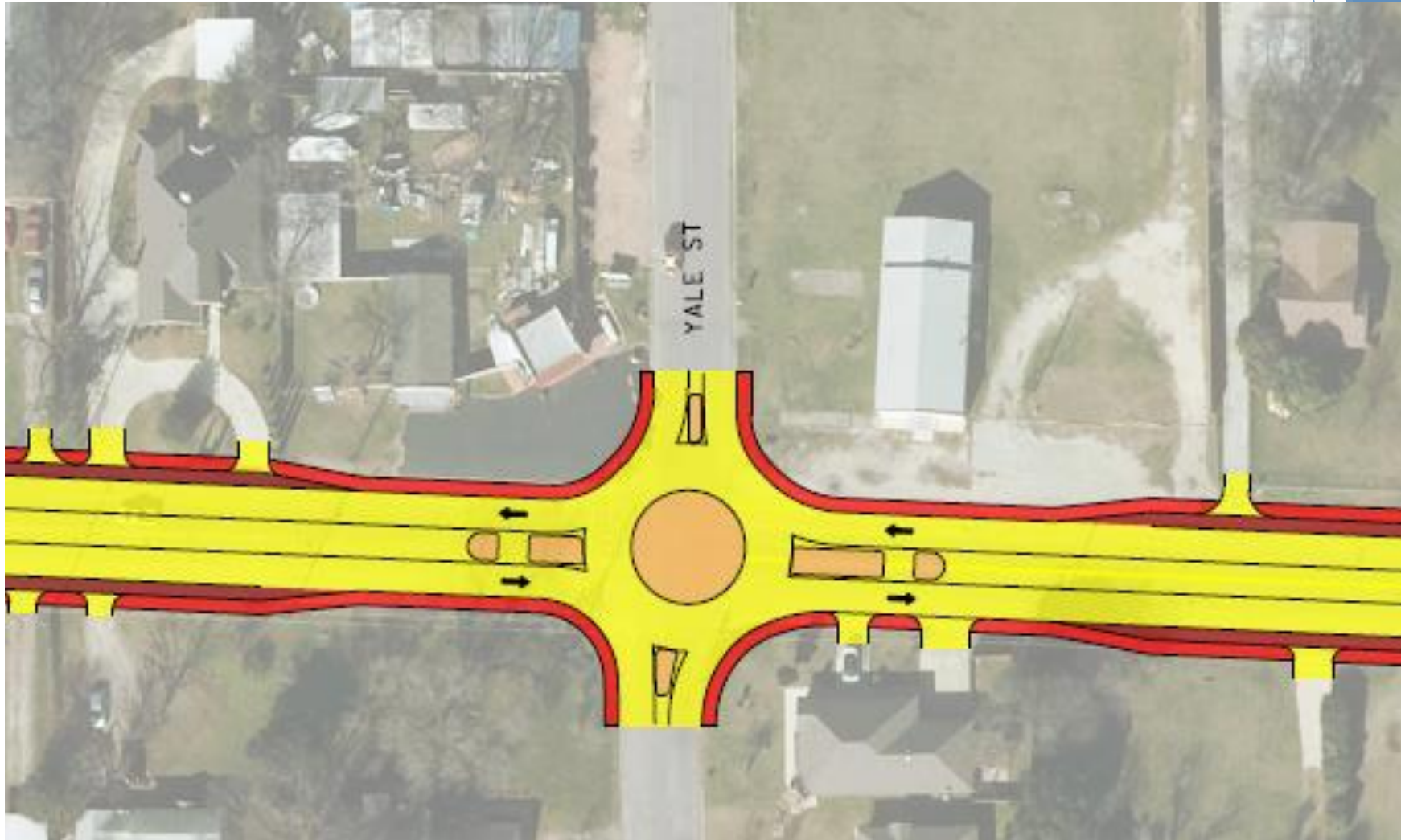
Meandering Road at LT JG Barnett Rd

Key Intersection



Meandering Road at LT JG Barnett Rd

Key Intersection



Meandering Road at Yale St

Key Intersection



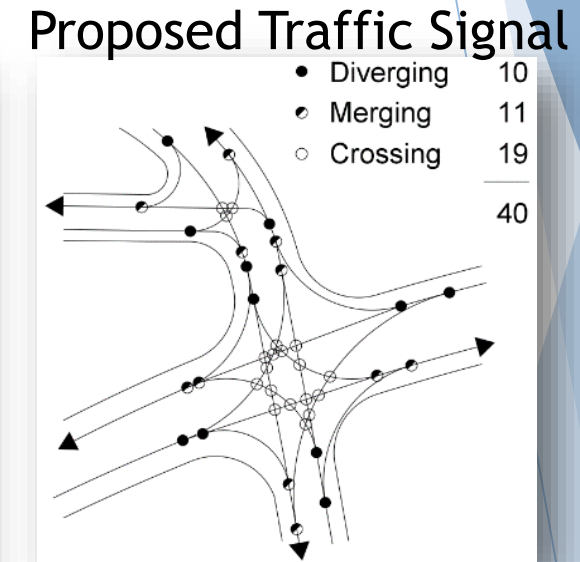
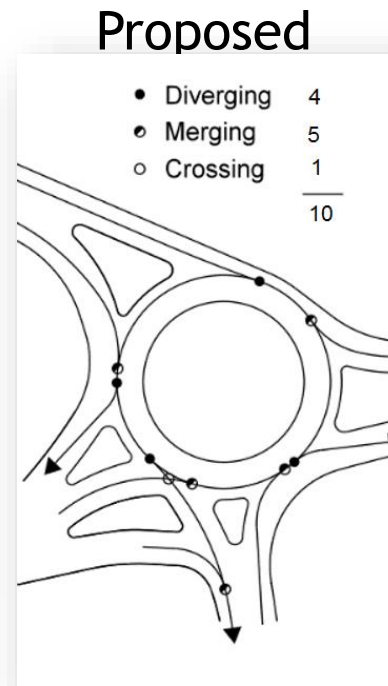
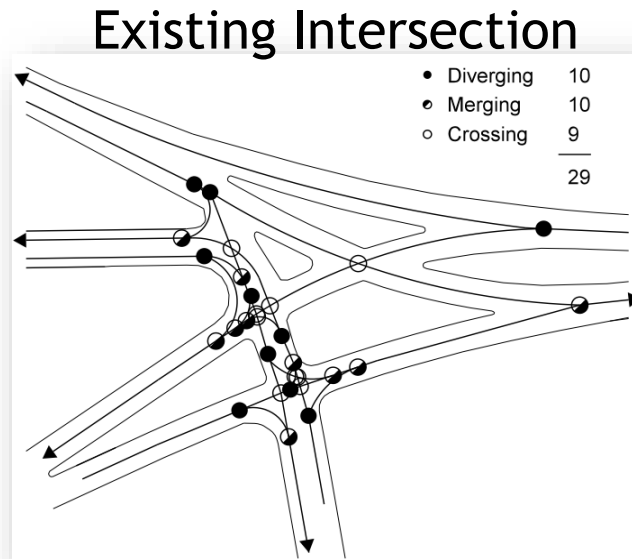
Meandering Road at Roberts Cut Off

Key Intersection



Meandering Road at Roberts Cut Off

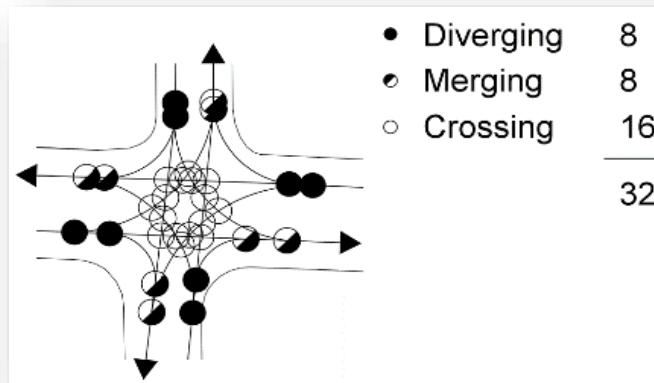
Safety - Conflict Points



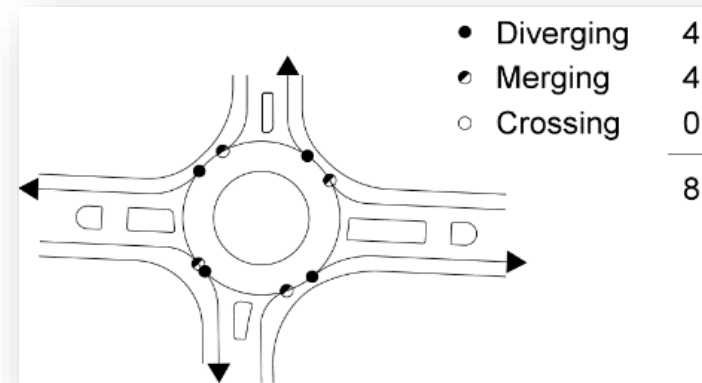
LT JG Barnett/Gillham/Brocks
Intersection

Safety - Conflict Points

Existing Intersection



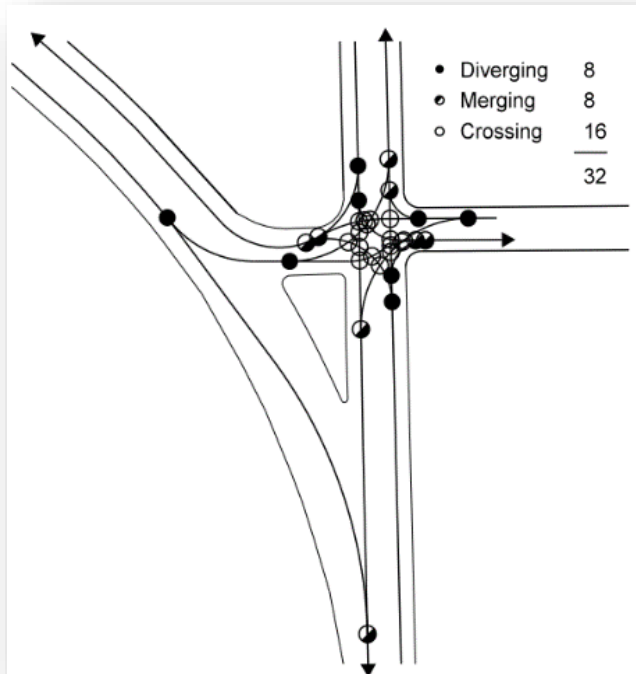
Proposed Mini-Roundabout



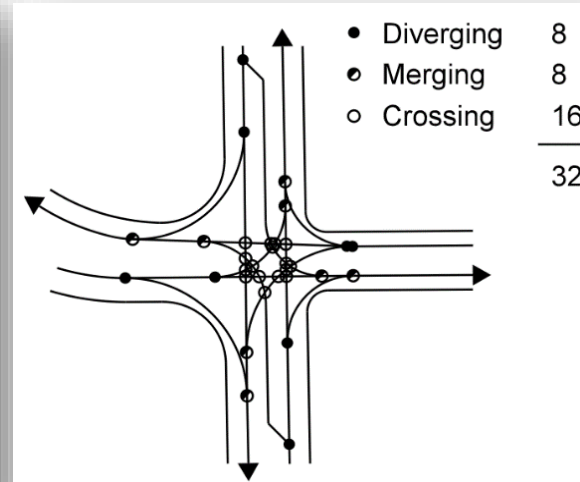
Yale Intersection

Safety - Conflict Points

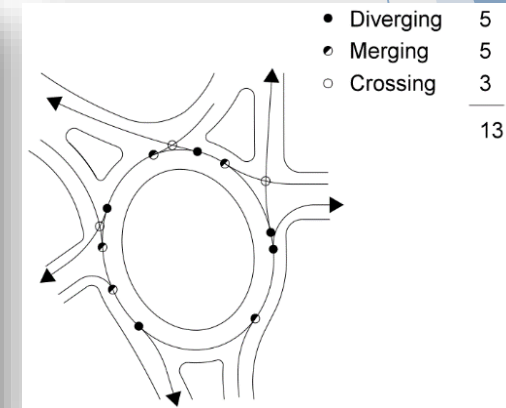
Existing Intersection



Proposed Traffic



Proposed



Roberts Cut Off Intersection

Compact Roundabouts (Mini)



Compact Roundabouts (Mini)



Environmental Documentation

Report	Description	Submitted for Review	Approved
Table of Impacts for TCEQ Stream Segments	Indicates what nearby streams are listed in TCEQ's 303(d) List of Impaired Waters	August, 2018	Pending
Table of Impacts for Potential Waters of the US	Table and map of the waterbodies within the project vicinity	August, 2018	Pending
Draft of Archeological Background Study	Identifies the potential for intact, buried archaeological resources	August, 2018	Pending
Draft Historic Resources Project Coordination Request	Identifies potentially historic resources that could be impacted by the project	August, 2018	Pending

Environmental Documentation

Report	Description	Submitted for Review	Approved
Hazardous Materials Initial Site Assessment	Identifies the potential for encountering hazardous materials during project construction	October, 2018	Pending
Biological Evaluation & Tier I Assessment Forms	Identifies protected species may be affected by the project	October, 2018	Pending
Community Impacts Assessment Form	Identifies environmental justice populations & community characteristics	October, 2018	Pending
Air Quality Technical Report	Addresses compliance with the Clean Air Act, NEPA, and Federal Aid Highways Code	October, 2018	Pending
Transportation Conformity Report Form	Identifies compliance with State Implementation Plan (SIP), a requirement for projects in a non-attainment area.	October, 2018	Pending

Schedule

Description	2017					2018												2019					
	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Field Work & Existing Conditions			■	■	■																		
Town Hall Meeting #1 (Existing Conditions)			■	■	■																		
Draft Environmental Assessment/Geometric Alternatives					■	■	■	■	■	■	■												
Town Hall Meeting #2 (Conceptual Design)						■	■	■	■	■													
Field Work & Draft Technical Reports* (ID env'l issues)								■	■	■	■	■	■	■	■								
TxDOT District Technical Reports Review / Revisions																■	■	■	■				
Town Hall Meeting #3 (Recommended Alternative)										■	■	■	■	■	■	■							
Informational Town Hall Meetings															■	■	■	■					
Public Meeting																	■	■	■	■			
Public Hearing (includes 11 weeks preparation)																			■	■	■	■	■
Categorical Exclusion Clearance																	■	■	■	■	■	■	■
Final Plan Development																			■	■	■	■	■



Meandering Road

Design of Meandering
Road from East Gate
of NASJRB to River
Oaks/SH 183

