



Meandering Road

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

September 20, 2018

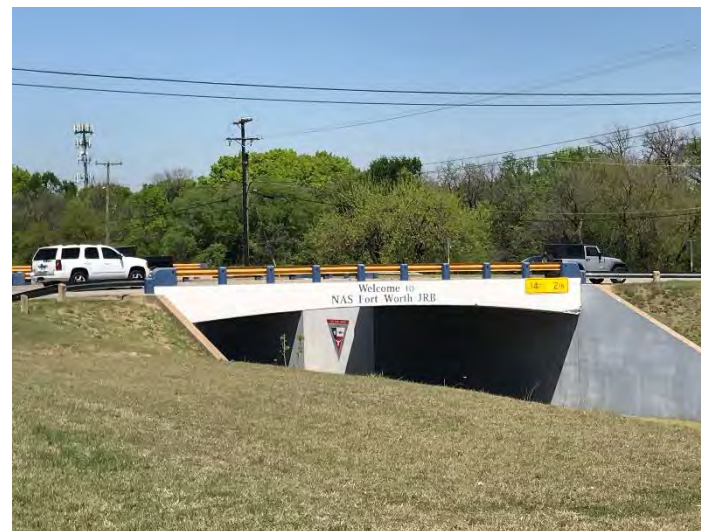


Study Limits



MEANDERING ROAD - FROM ROBERTS CUT-OFF ROAD TO THE NAVAL AIR STATION EAST ENTRANCE

Existing Conditions









Safety



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

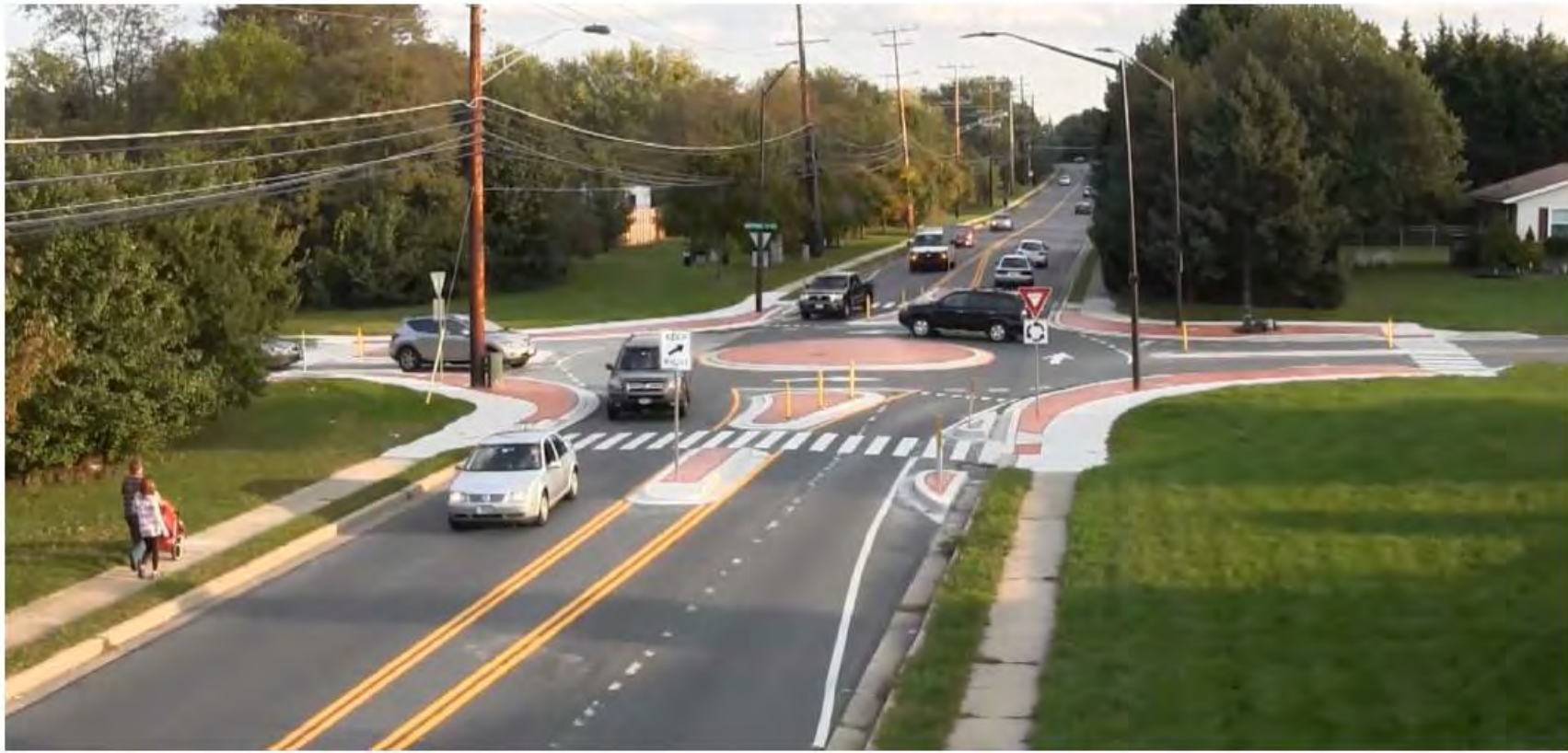
* Estimated Construction Costs* data will be provided after Lamb-Star's review of MSA's intersection geometries.

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.

Project Overview



Compact Roundabouts (Mini)



Stakeholders



City of River Oaks Town Hall Meetings:

- * December 5, 2017
- * April 3, 2018
- * Sept. 4, 2018
- * Oct. 9, 2018 (tentative)

Public Involvement



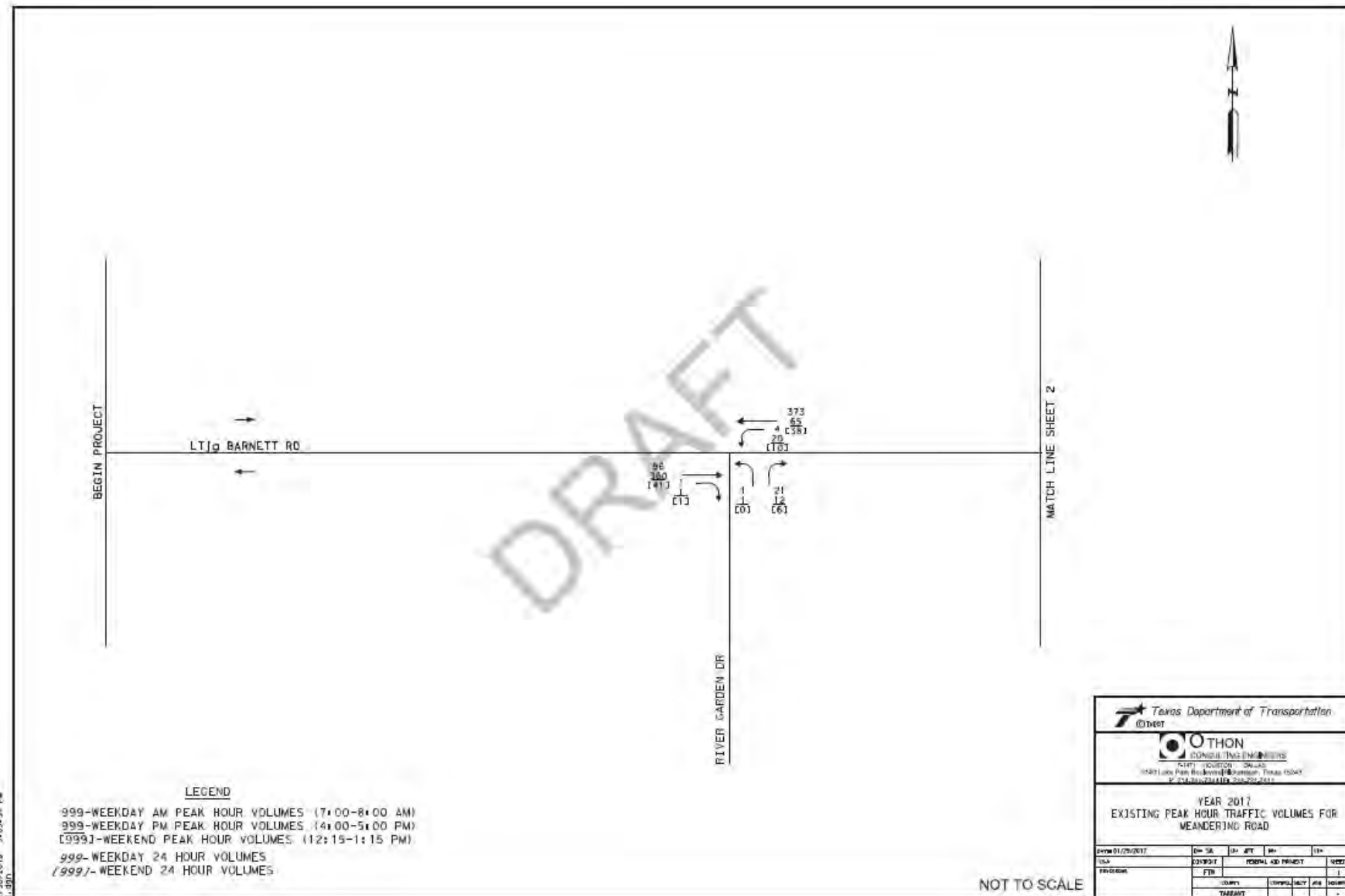
City of River Oaks Town Hall Meetings



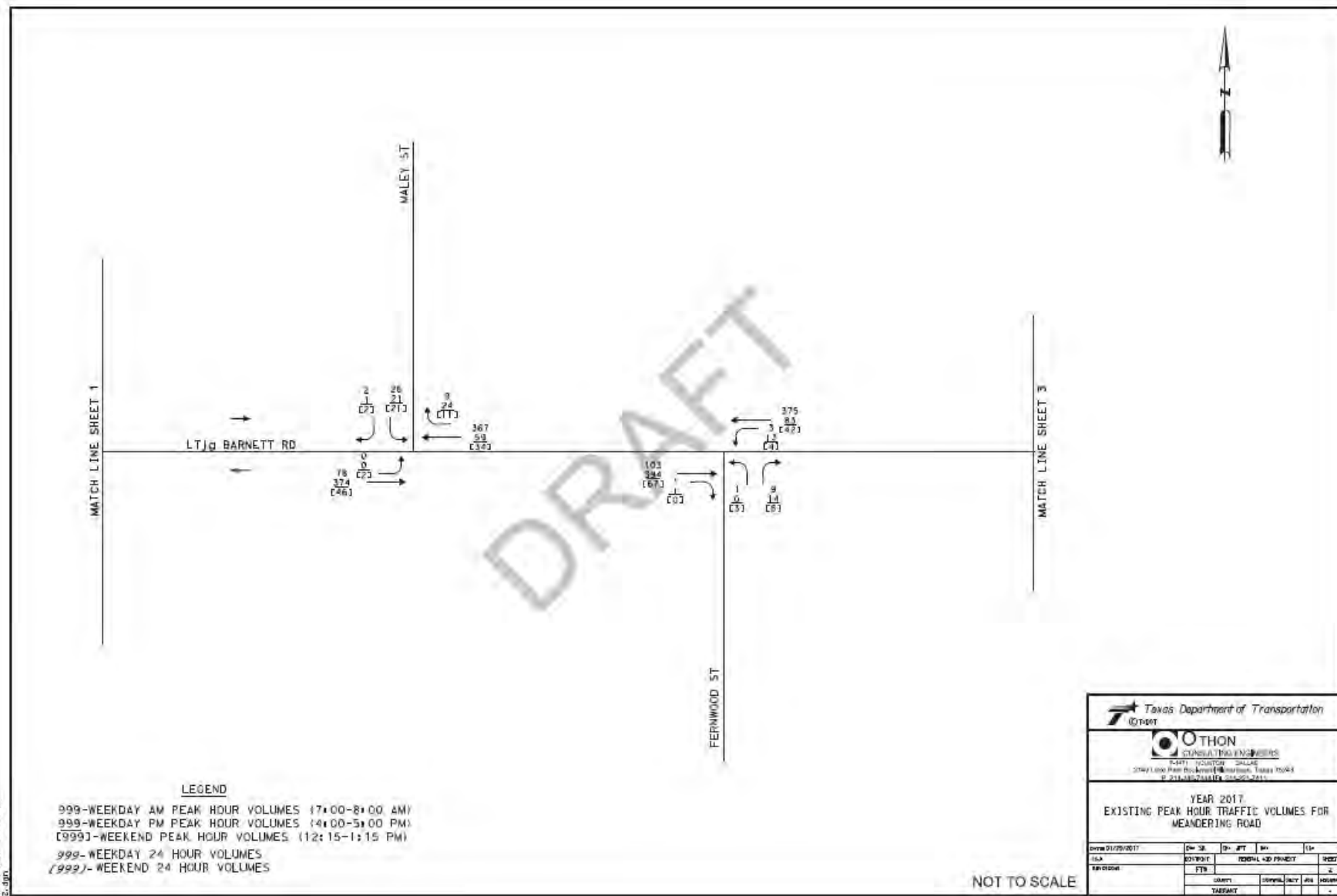
Scheduling

Description	2017					2018												2019
	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sept	Oct	Nov	Dec	Jan
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)							██████████	██████████	██████████	██████████								
Draft EA & Client Review / Revisions								██████████	██████████	██████████	██████████							
TxDOT District EA Review / Revisions											██████████	██████████						
Town Hall Meeting #3 (Recommended Alternative)										██████████	██████████	██████████	██████████	██████████	██████████			
EA Updates & TxDOT ENV Review / Revisions													██████████	██████████	██████████	██████████		
Town Hall Meeting #4													██████████	██████████	██████████			
Public Hearing, TBD																		
FONSI Documentation/Checklists & Approval of FONSI																	██████████	██████████
Final Plan Development																	██████████	██████████

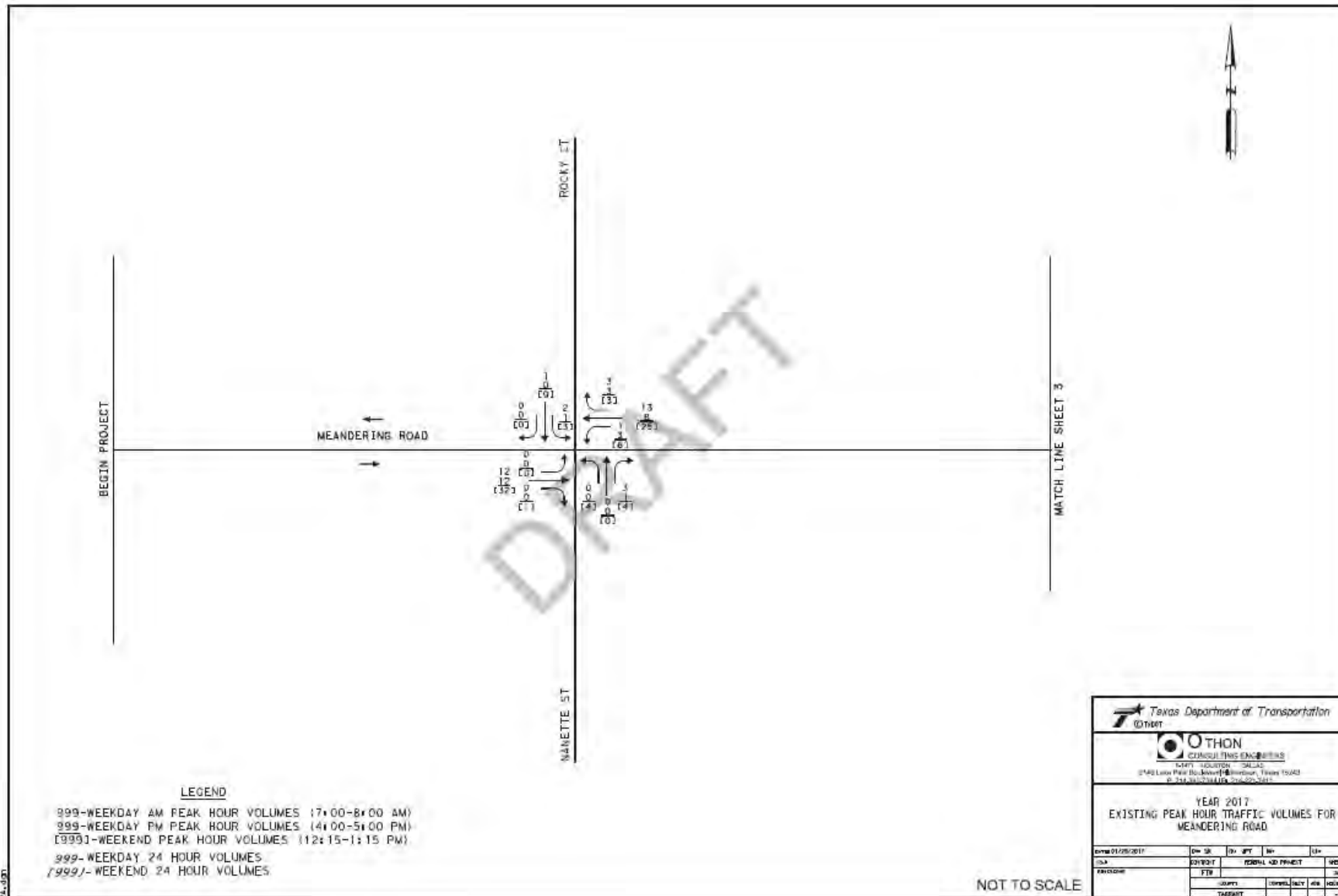
Traffic Data – LT JG Barnett



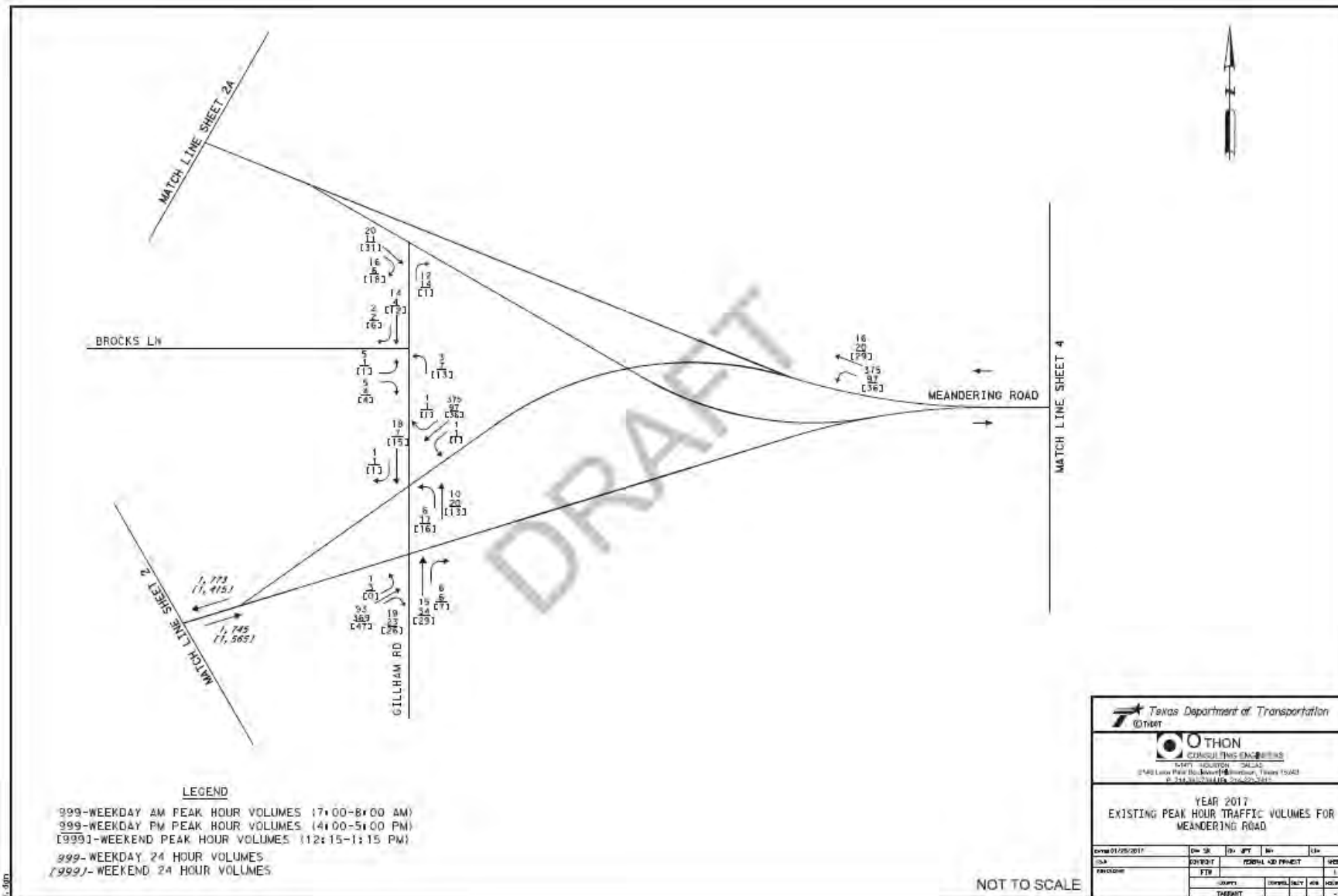
Traffic Data – LT JG Barnett



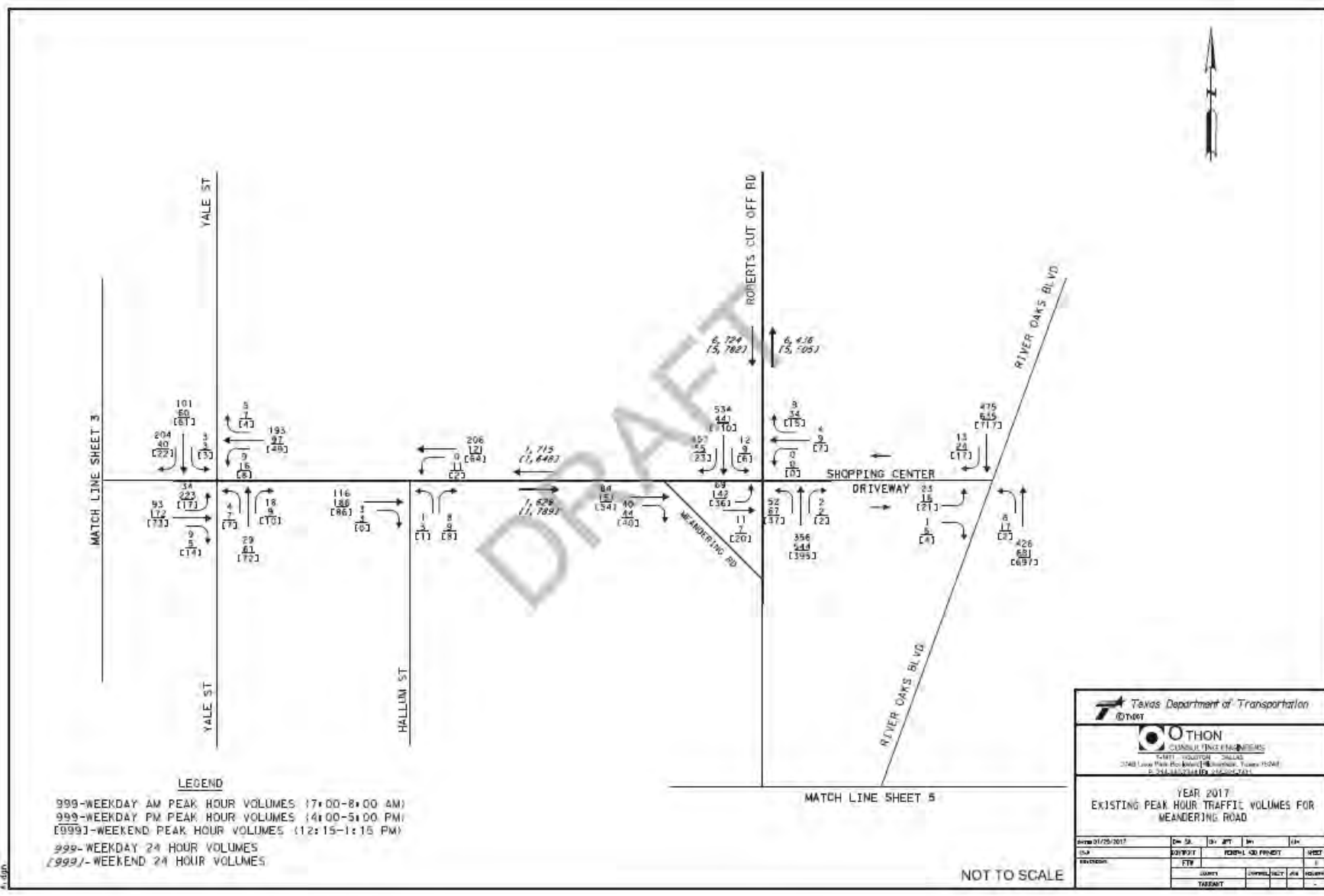
Traffic Data-Meandering Rd



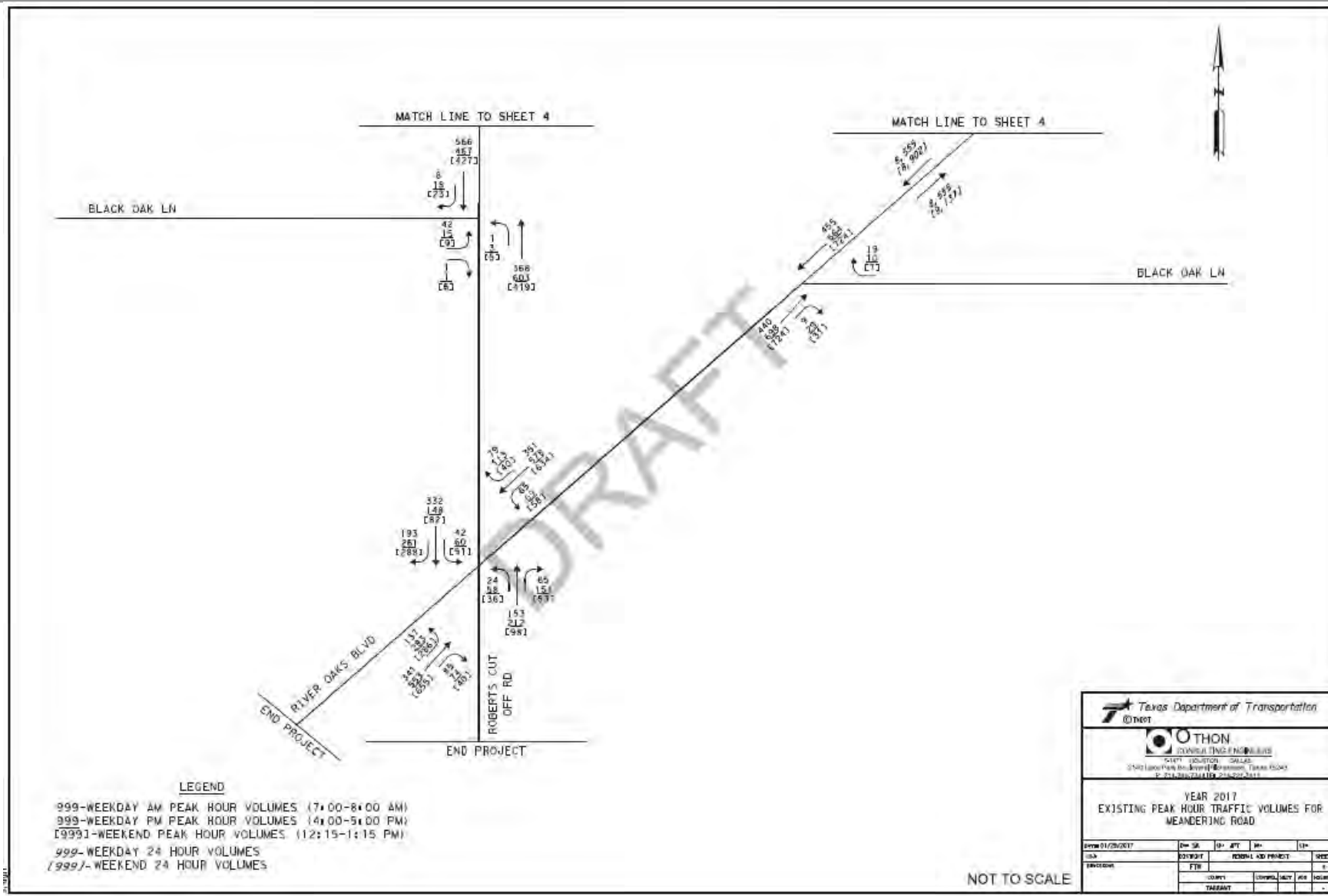
Traffic Data



Traffic Data-Meandering Rd



Traffic Data-Roberts Cut Off



Project Overview





Meandering Road

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