

APPENDICIES:

Appendix A: Travel Demand Model Information & Outputs

Appendix B: Financial Information

Appendix C: Funding 102

Appendix D: Project Lists

Appendix E: Drive to Zero

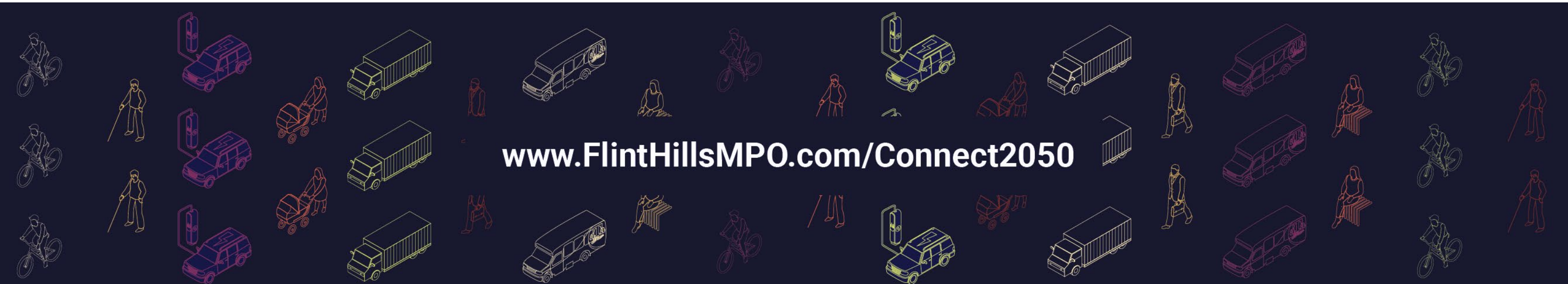
Appendix F: Public Involvement

www.FlintHillsMPO.com/Connect2050

APPENDIX A:

TRAVEL DEMAND MODEL INFORMATION & OUTPUTS

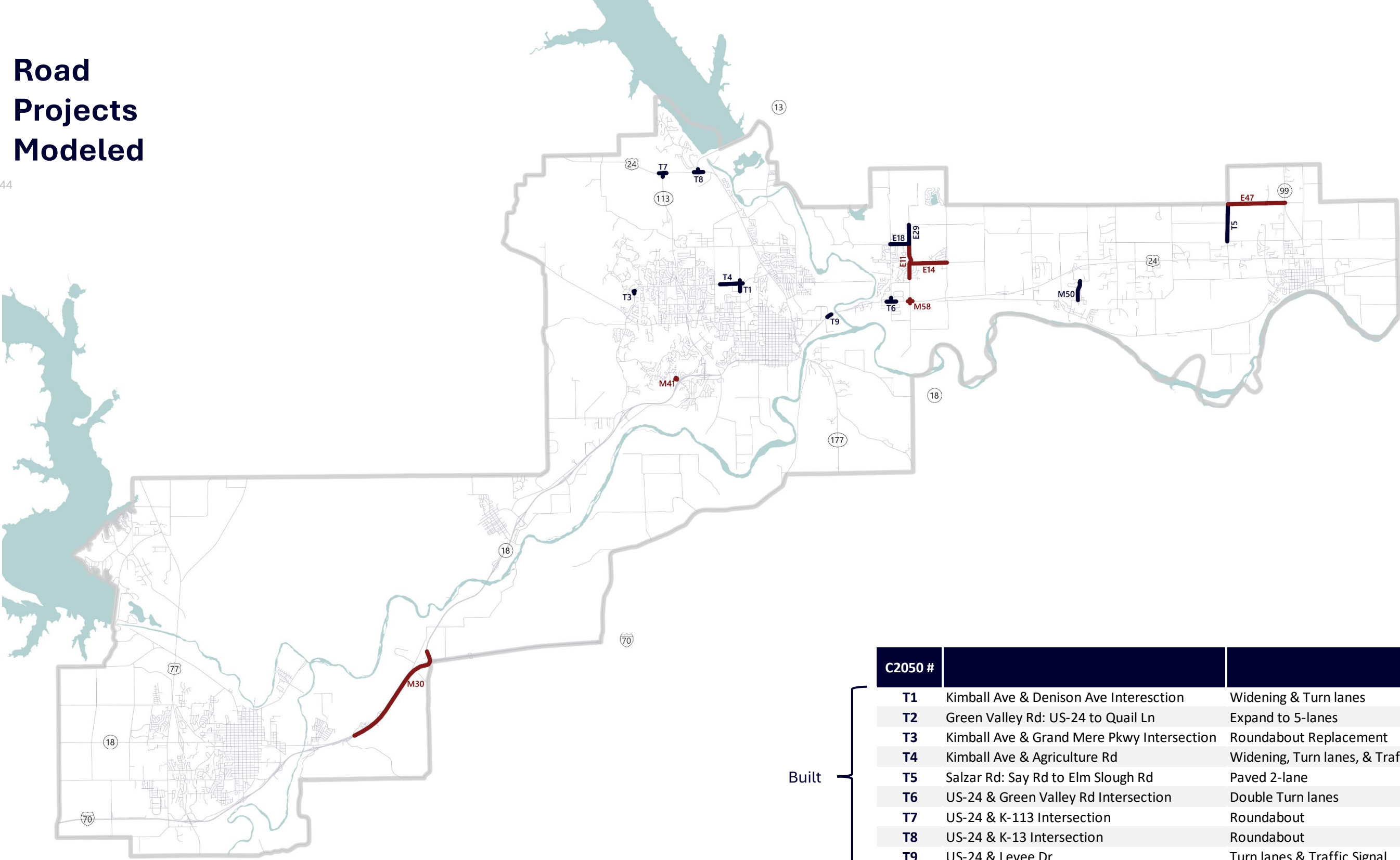
www.FlintHillsMPO.com/Connect2050



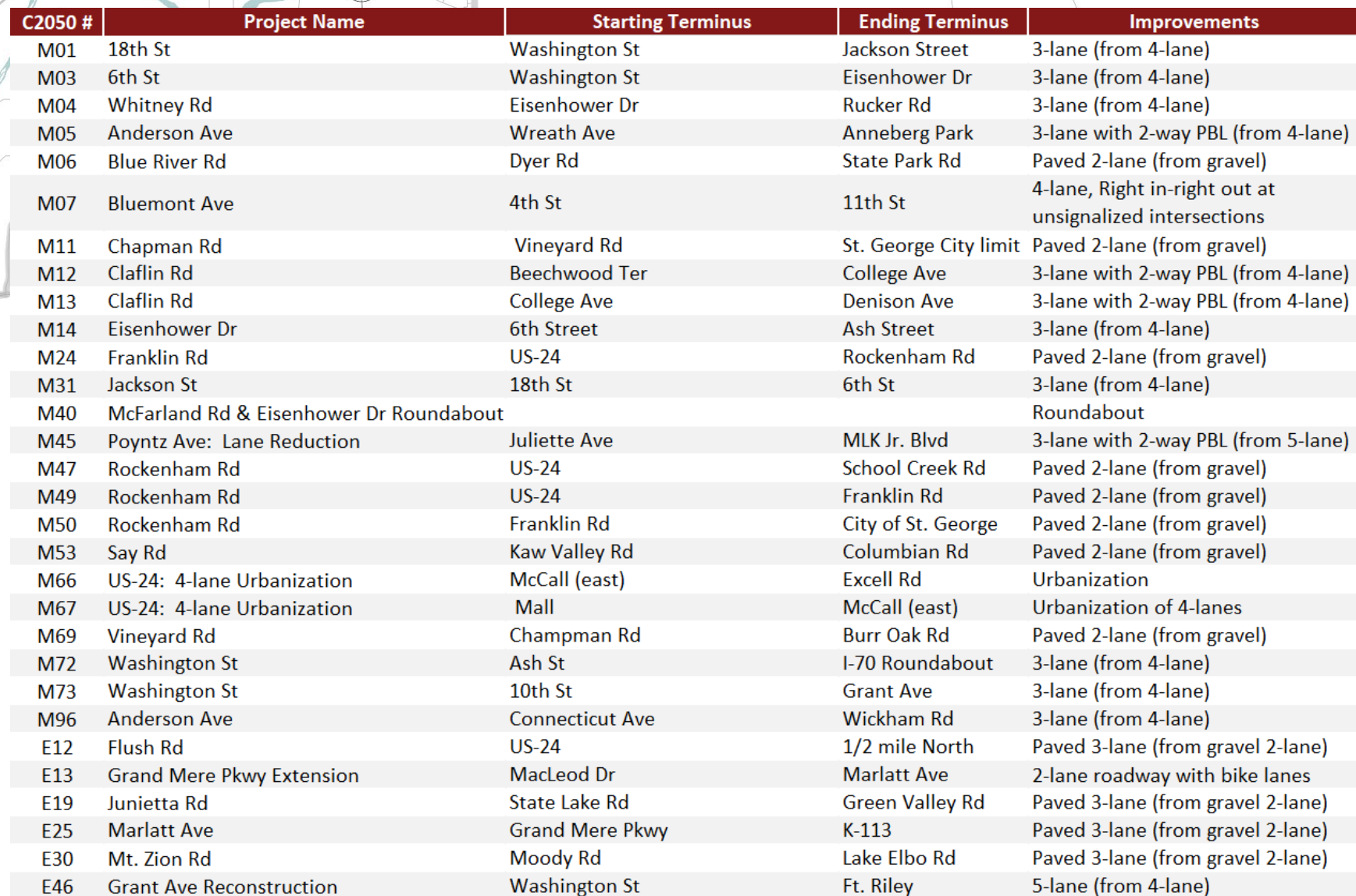


Road Projects Modeled

Used for: runs 136 & 144

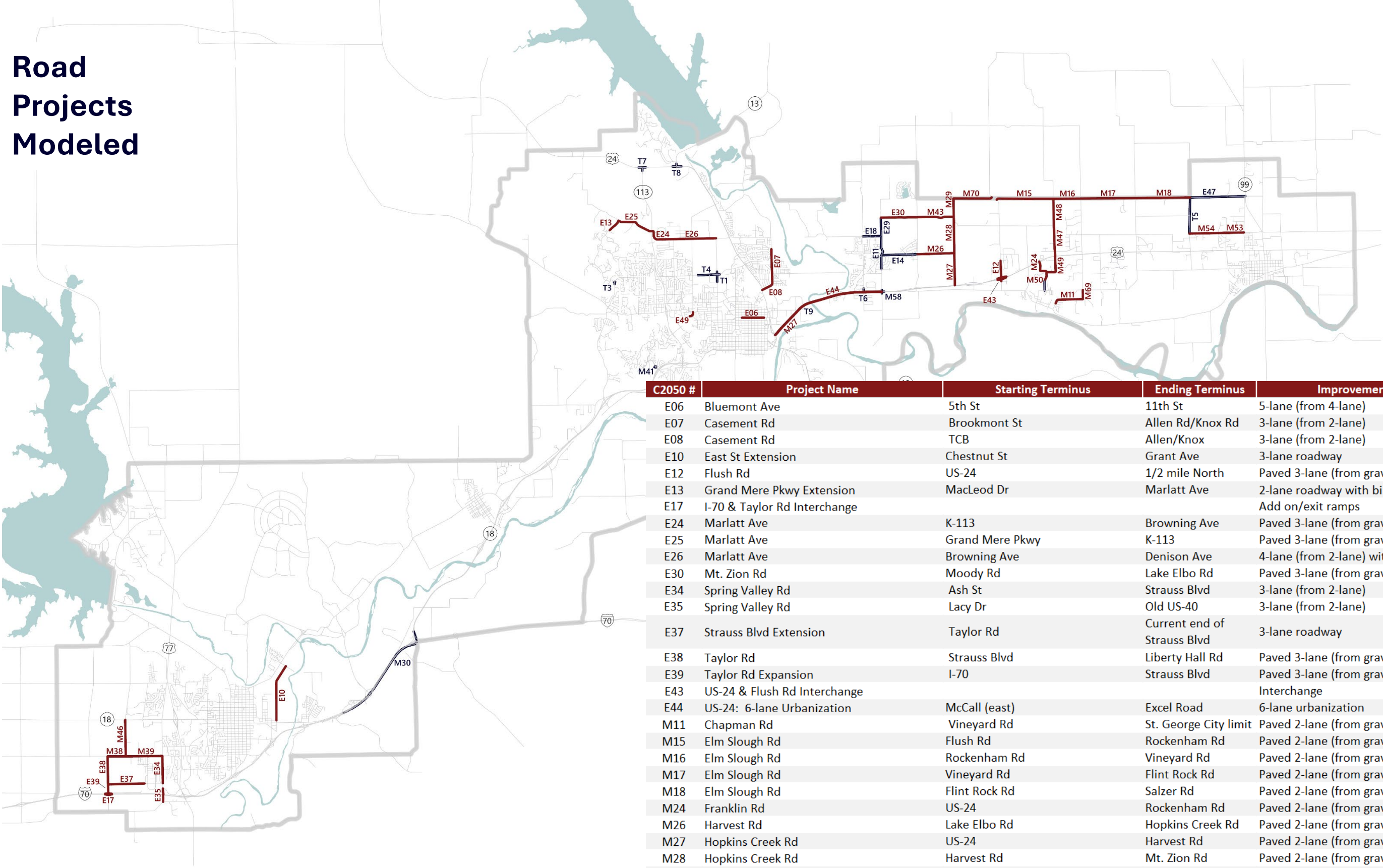


	C2050 #		
Built	T1	Kimball Ave & Denison Ave Interesction	Widening & Turn lanes
	T2	Green Valley Rd: US-24 to Quail Ln	Expand to 5-lanes
	T3	Kimball Ave & Grand Mere Pkwy Intersection	Roundabout Replacement
	T4	Kimball Ave & Agriculture Rd	Widening, Turn lanes, & Traffic Signal
	T5	Salzar Rd: Say Rd to Elm Slough Rd	Paved 2-lane
	T6	US-24 & Green Valley Rd Intersection	Double Turn lanes
	T7	US-24 & K-113 Intersection	Roundabout
	T8	US-24 & K-13 Intersection	Roundabout
	T9	US-24 & Levee Dr	Turn lanes & Traffic Signal
Future	E18	Junietta Rd: Green Valley Rd to Excel Rd	Expand to 3-lanes
	E29	Moody Rd: Junietta Rd to Mt. Zion Rd	Paved 2-lane
	M50	Rockenham Rd: Franklin Rd. to St. George	Paved 2-lane
Programmed in TIP	E11	Excel Rd: Cara's Way to Junietta Rd	Pave & Expand to 3-lane
	E14	Harvest Rd: Excel Rd to Lake Elbo Rd	Pave & Expand to 3-lane
	E47	Elm Slough Rd: K-99 to Salzar Rd	Pave & Expand to 3-lane
	M30	I-70 & K-18 Interchange	Auxiliary Lane with Flyover Ramp
	M41	Miller Pkwy & Arbor Dr Intersection	Roundabout
	M58	US-24 & Excel Rd Intersection	Turn Lanes & Traffic Signal





Road Projects Modeled



C2050 #	Project Name	Starting Terminus	Ending Terminus	Improvements
E06	Bluemont Ave	5th St	11th St	5-lane (from 4-lane)
E07	Casement Rd	Brookmont St	Allen Rd/Knox Rd	3-lane (from 2-lane)
E08	Casement Rd	TCB	Allen/Knox	3-lane (from 2-lane)
E10	East St Extension	Chestnut St	Grant Ave	3-lane roadway
E12	Flush Rd	US-24	1/2 mile North	Paved 3-lane (from gravel 2-lane)
E13	Grand Mere Pkwy Extension	MacLeod Dr	Marlatt Ave	2-lane roadway with bike lanes
E17	I-70 & Taylor Rd Interchange			Add on/exit ramps
E24	Marlatt Ave	K-113	Browning Ave	Paved 3-lane (from gravel 2-lane)
E25	Marlatt Ave	Grand Mere Pkwy	K-113	Paved 3-lane (from gravel 2-lane)
E26	Marlatt Ave	Browning Ave	Denison Ave	4-lane (from 2-lane) with MUP
E30	Mt. Zion Rd	Moody Rd	Lake Elbo Rd	Paved 3-lane (from gravel 2-lane)
E34	Spring Valley Rd	Ash St	Strauss Blvd	3-lane (from 2-lane)
E35	Spring Valley Rd	Lacy Dr	Old US-40	3-lane (from 2-lane)
E37	Strauss Blvd Extension	Taylor Rd	Current end of Strauss Blvd	3-lane roadway
E38	Taylor Rd	Strauss Blvd	Liberty Hall Rd	Paved 3-lane (from gravel 2-lane)
E39	Taylor Rd Expansion	I-70	Strauss Blvd	Paved 3-lane (from gravel 2-lane)
E43	US-24 & Flush Rd Interchange			Interchange
E44	US-24: 6-lane Urbanization	McCall (east)	Excel Road	6-lane urbanization
M11	Chapman Rd	Vineyard Rd	St. George City limit	Paved 2-lane (from gravel)
M15	Elm Slough Rd	Flush Rd	Rockenham Rd	Paved 2-lane (from gravel)
M16	Elm Slough Rd	Rockenham Rd	Vineyard Rd	Paved 2-lane (from gravel)
M17	Elm Slough Rd	Vineyard Rd	Flint Rock Rd	Paved 2-lane (from gravel)
M18	Elm Slough Rd	Flint Rock Rd	Salzer Rd	Paved 2-lane (from gravel)
M24	Franklin Rd	US-24	Rockenham Rd	Paved 2-lane (from gravel)
M26	Harvest Rd	Lake Elbo Rd	Hopkins Creek Rd	Paved 2-lane (from gravel)
M27	Hopkins Creek Rd	US-24	Harvest Rd	Paved 2-lane (from gravel)
M28	Hopkins Creek Rd	Harvest Rd	Mt. Zion Rd	Paved 2-lane (from gravel)
M29	Hopkins Creek Rd	Mt. Zion Rd	Walker Rd	Paved 2-lane (from gravel)
M38	Liberty Hall Rd	Ritter Rd	Spring Valley Rd	Paved 2-lane (from gravel)
M39	Liberty Hall Rd	Liberty Hall Rd	K-18	Paved 2-lane (from gravel)
M46	Ritter Rd	Ritter Rd	Spring Valley Rd	Paved 2-lane (from gravel)
M47	Rockenham Rd	Liberty Hall Rd	K-18	Paved 2-lane (from gravel)
M48	Rockenham Rd	US-24	School Creek Rd	Paved 2-lane (from gravel)
M49	Rockenham Rd	School Creek Rd	Elm Slough Rd	Paved 2-lane (from gravel)
M50	Rockenham Rd	US-24	Franklin Rd	Paved 2-lane (from gravel)
M70	Walker Rd	Franklin Rd	City of St. George	Paved 2-lane (from gravel)
M96	Anderson Ave	Flush Rd	Hopkins Creek Rd	Paved 2-lane (from gravel)

Level of Service

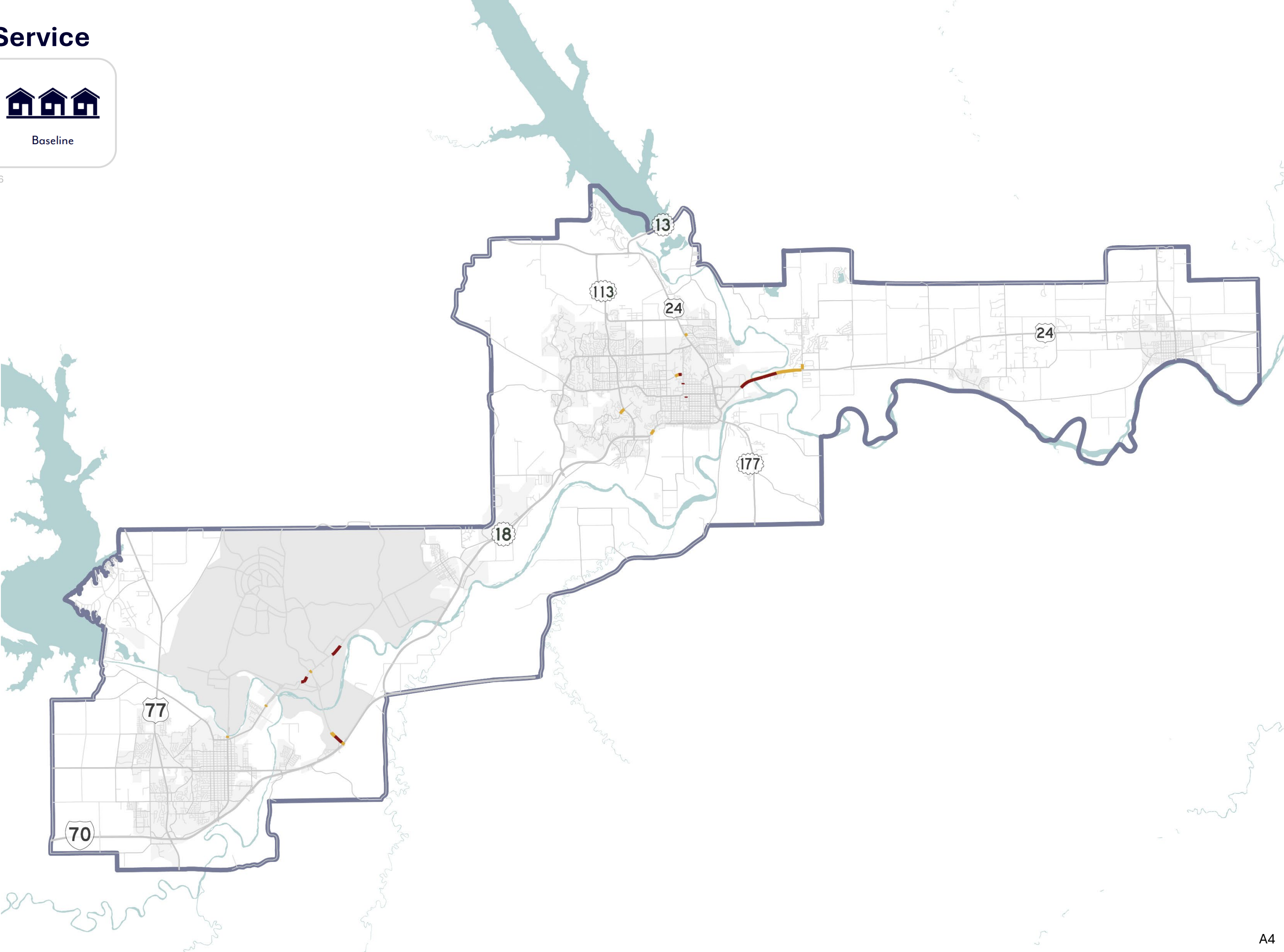


No-Build



Baseline

run136



Level of Service

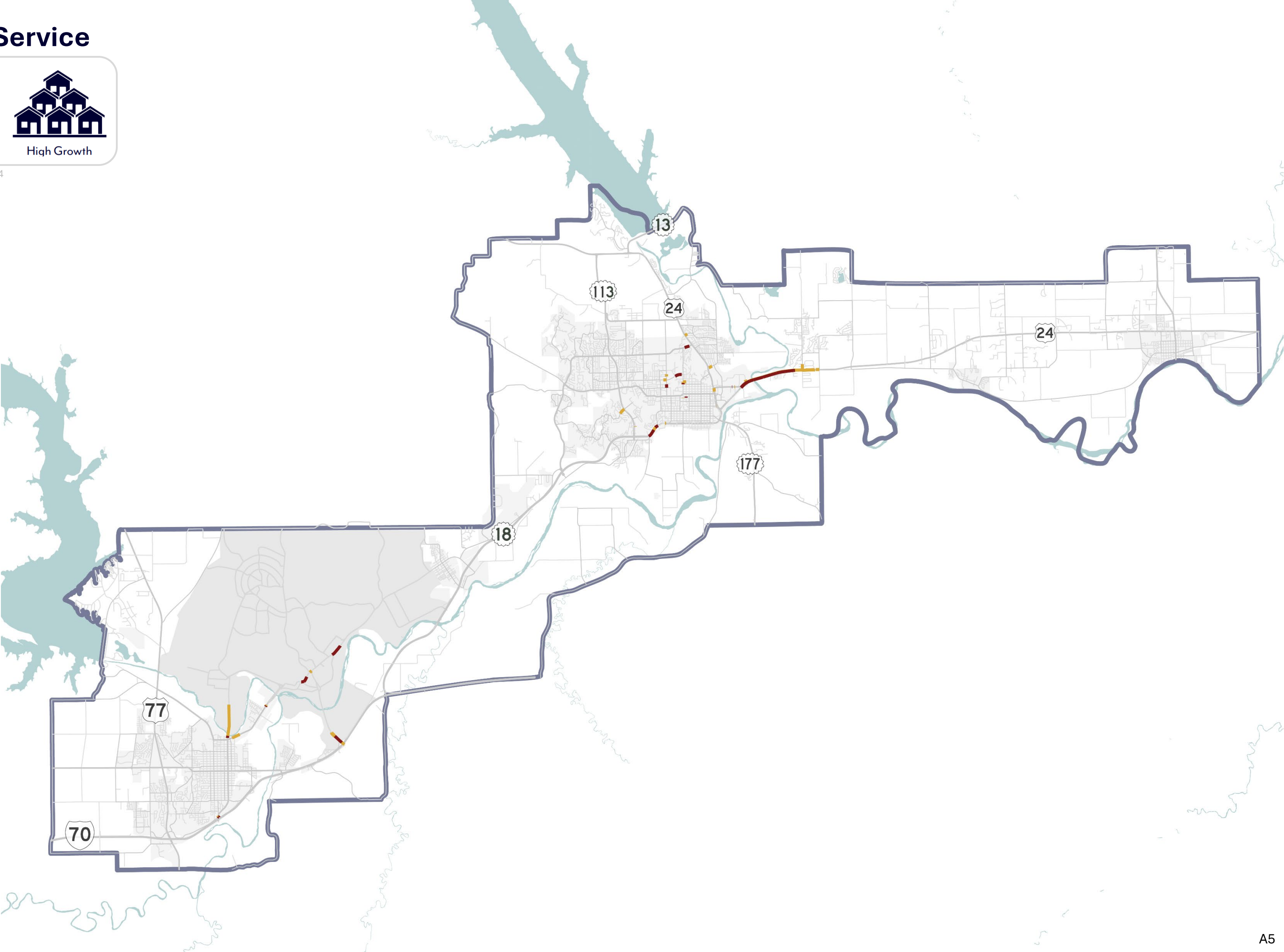


No-Build



High Growth

run144



Level of Service

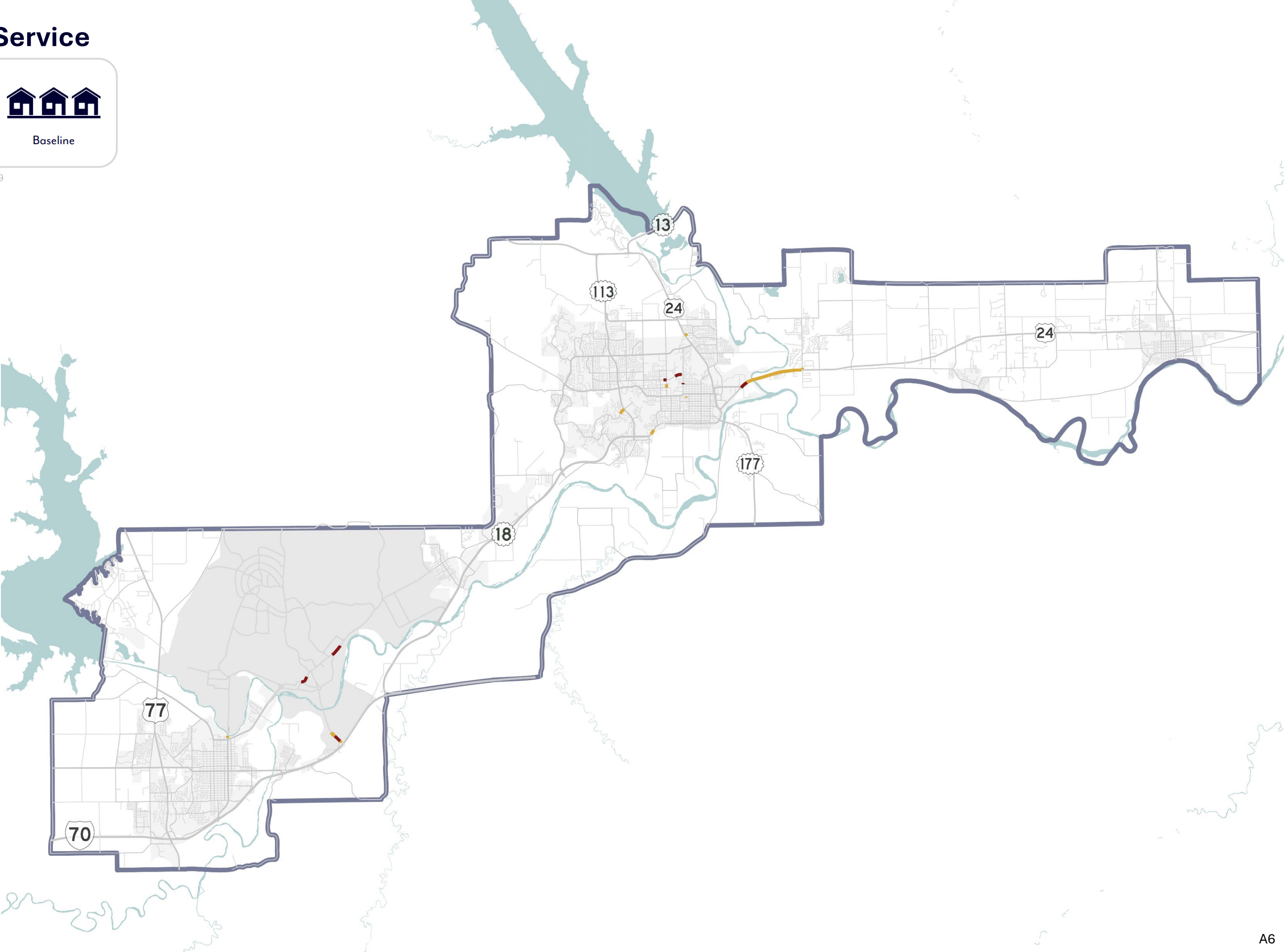


Modernization



Baseline

run169



Level of Service

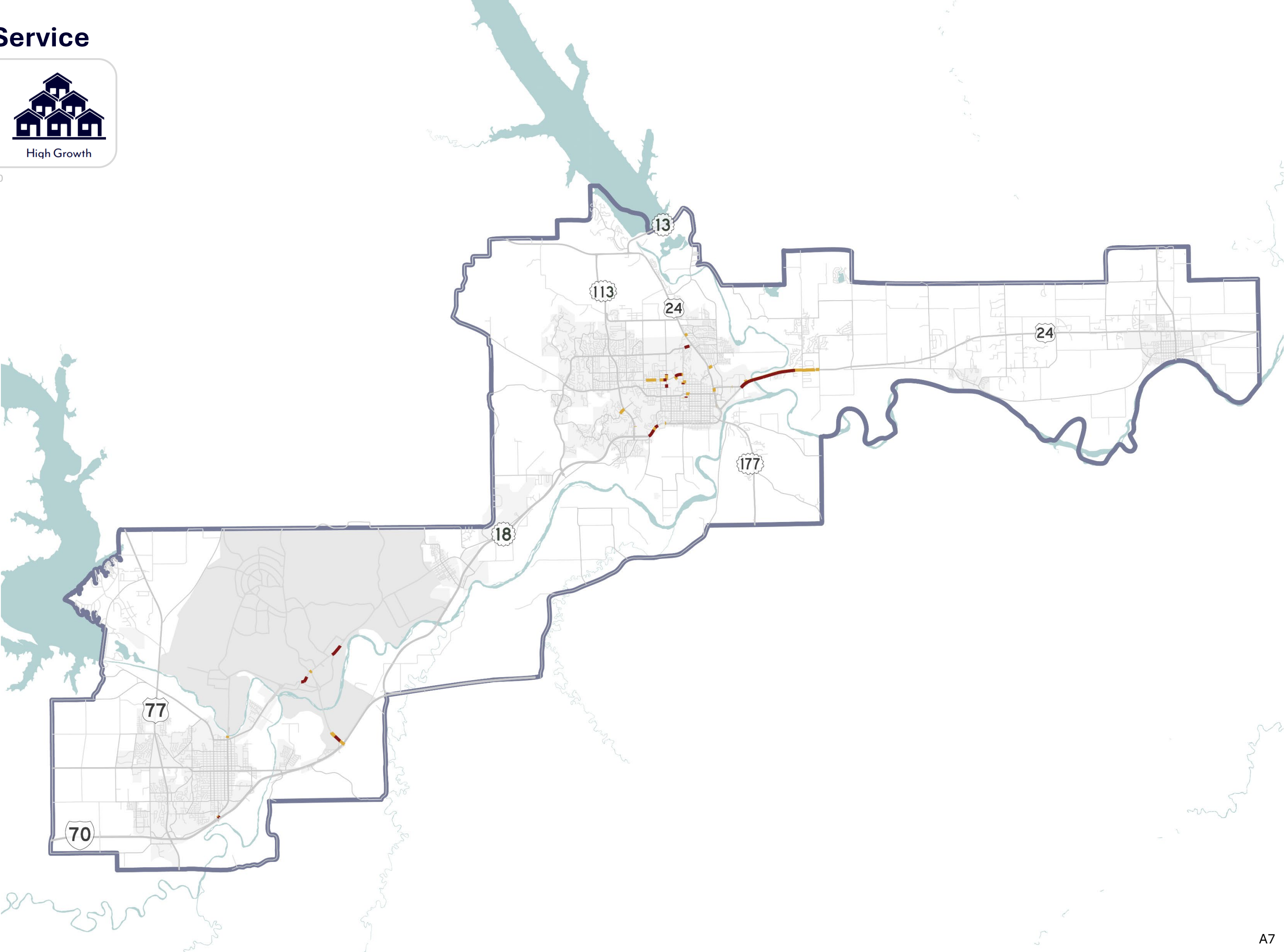


Modernization



High Growth

run170



Level of Service

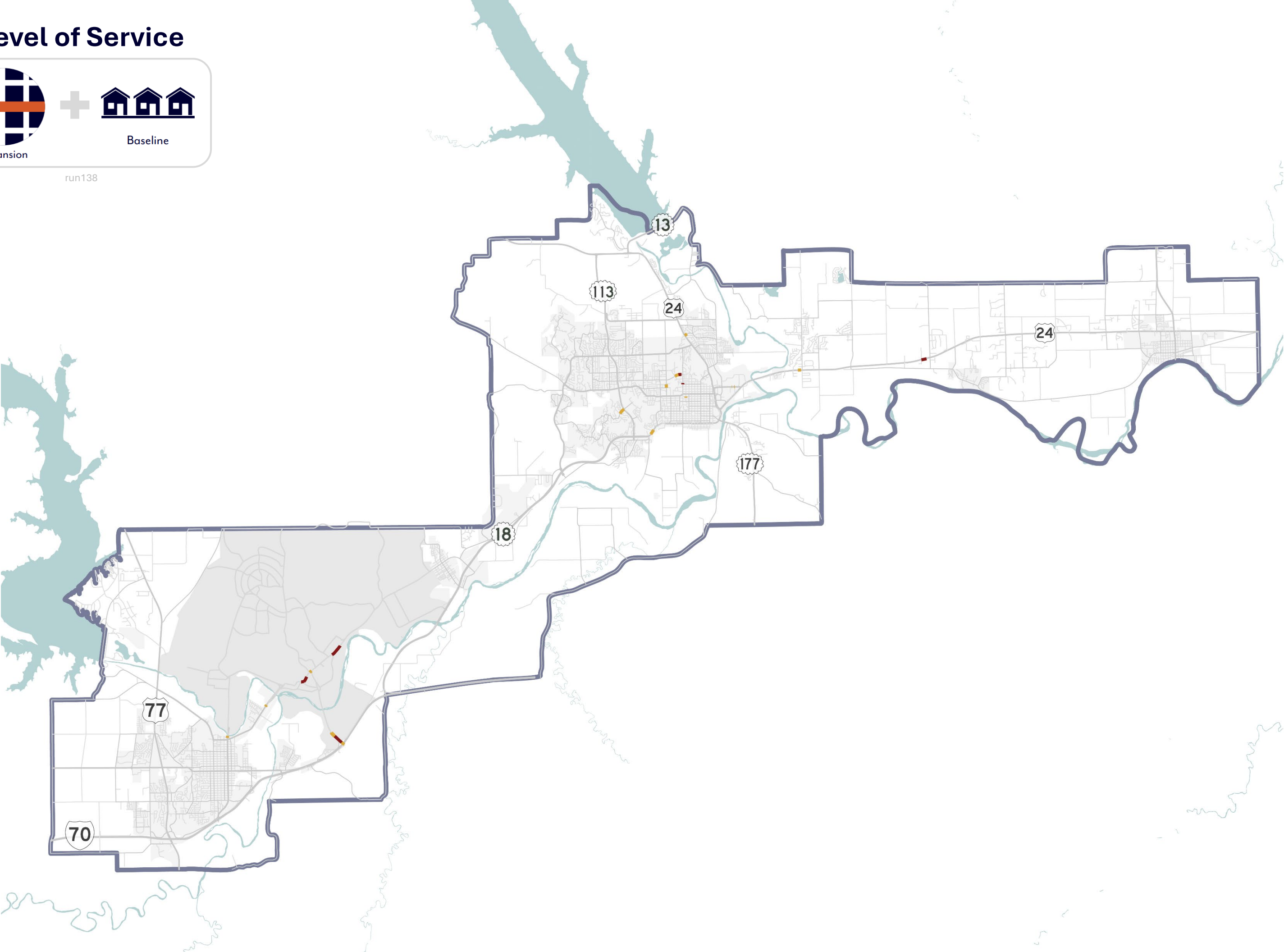


Expansion



Baseline

run138



Level of Service

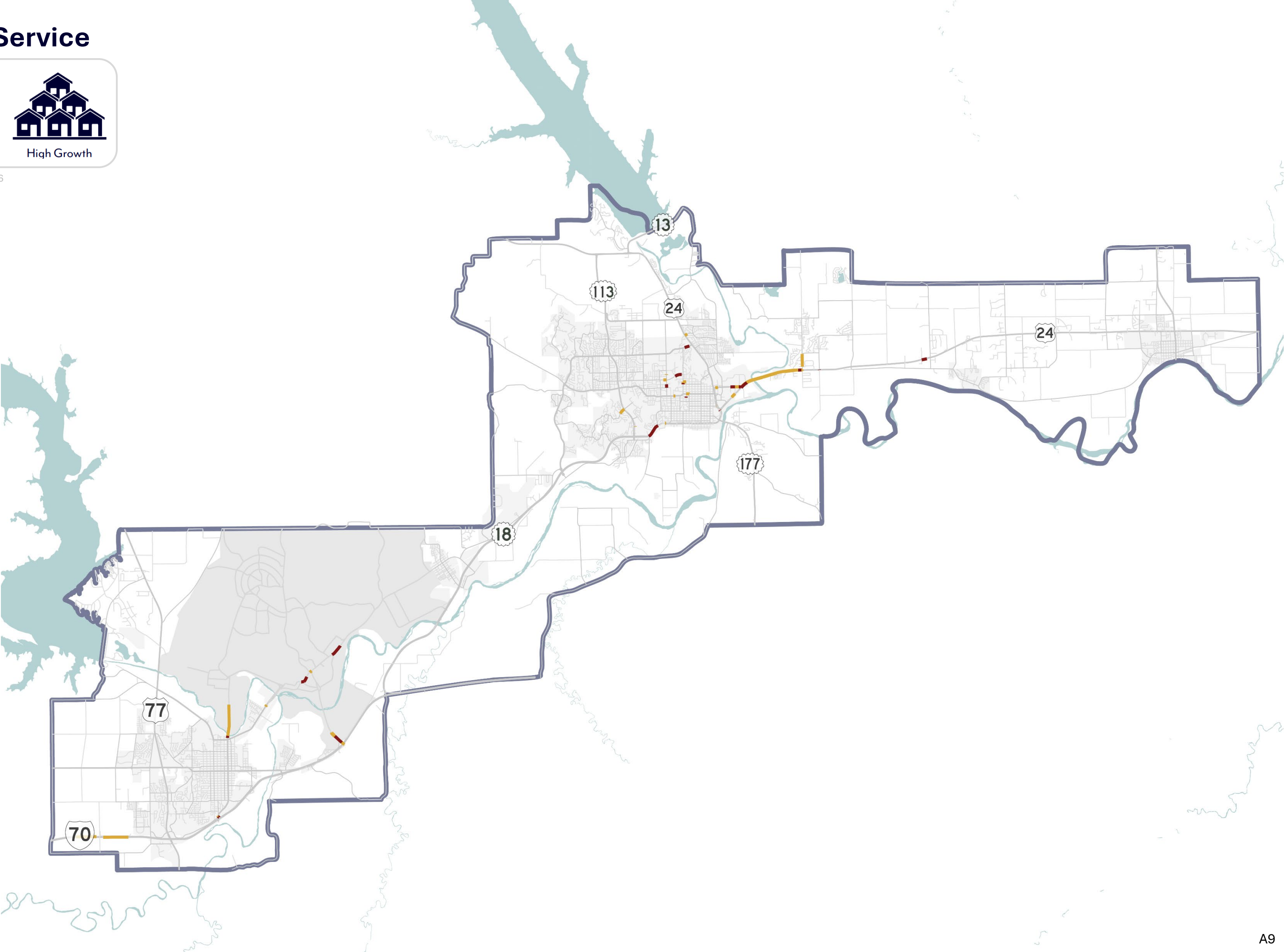


Expansion



High Growth

run146



ADT

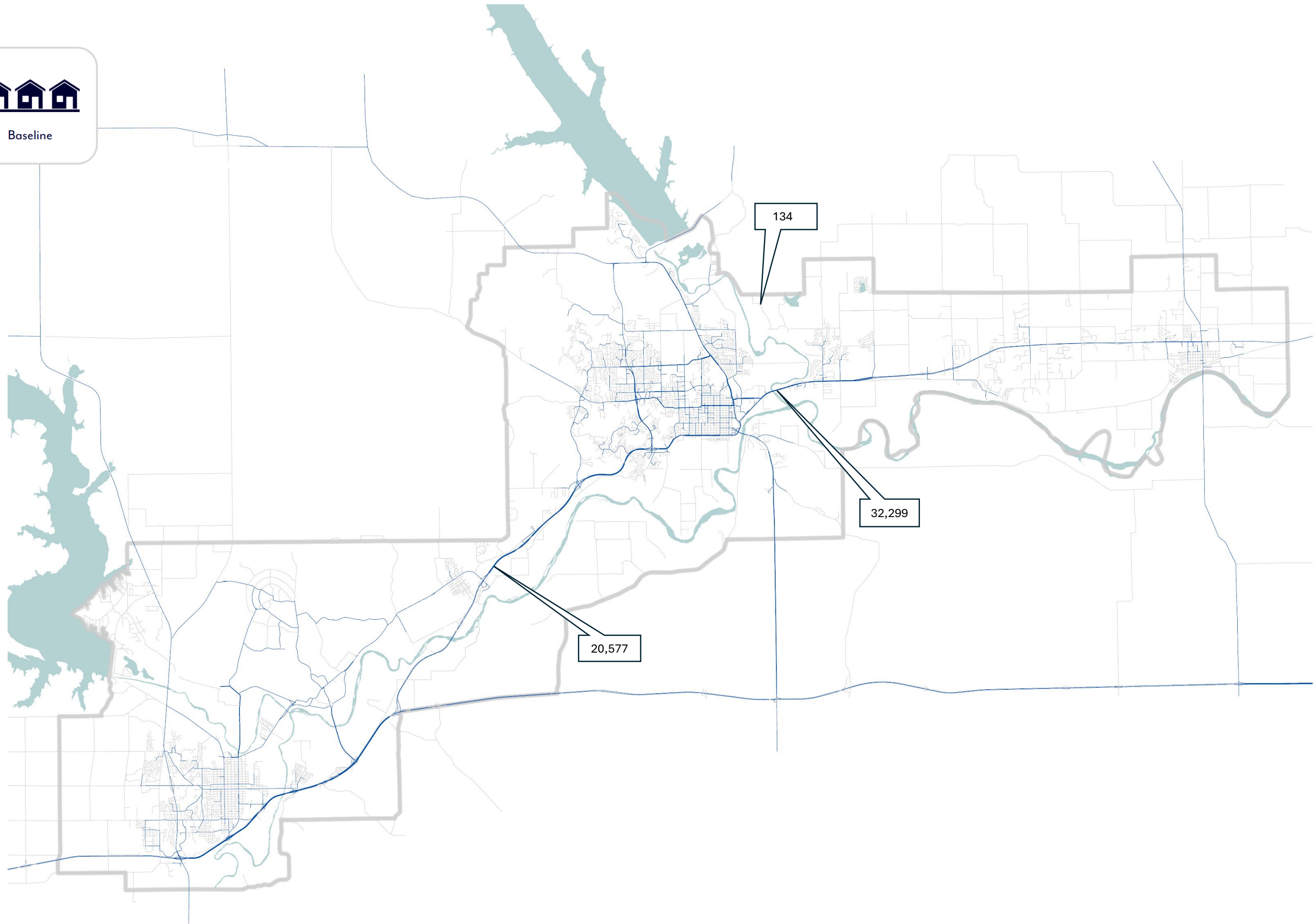


No-Build



Baseline

run136



ADT

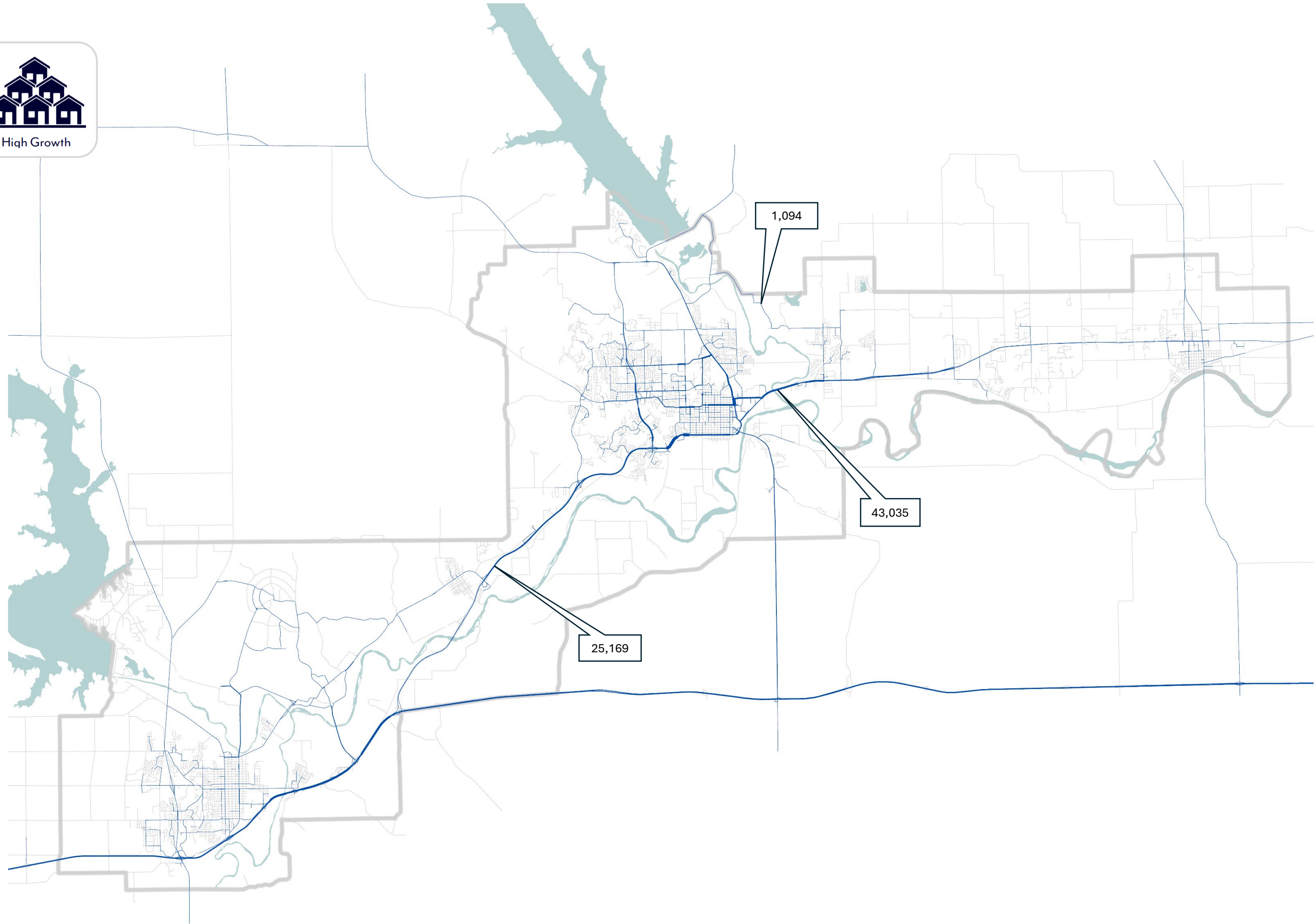


No-Build



High Growth

run144



ADT

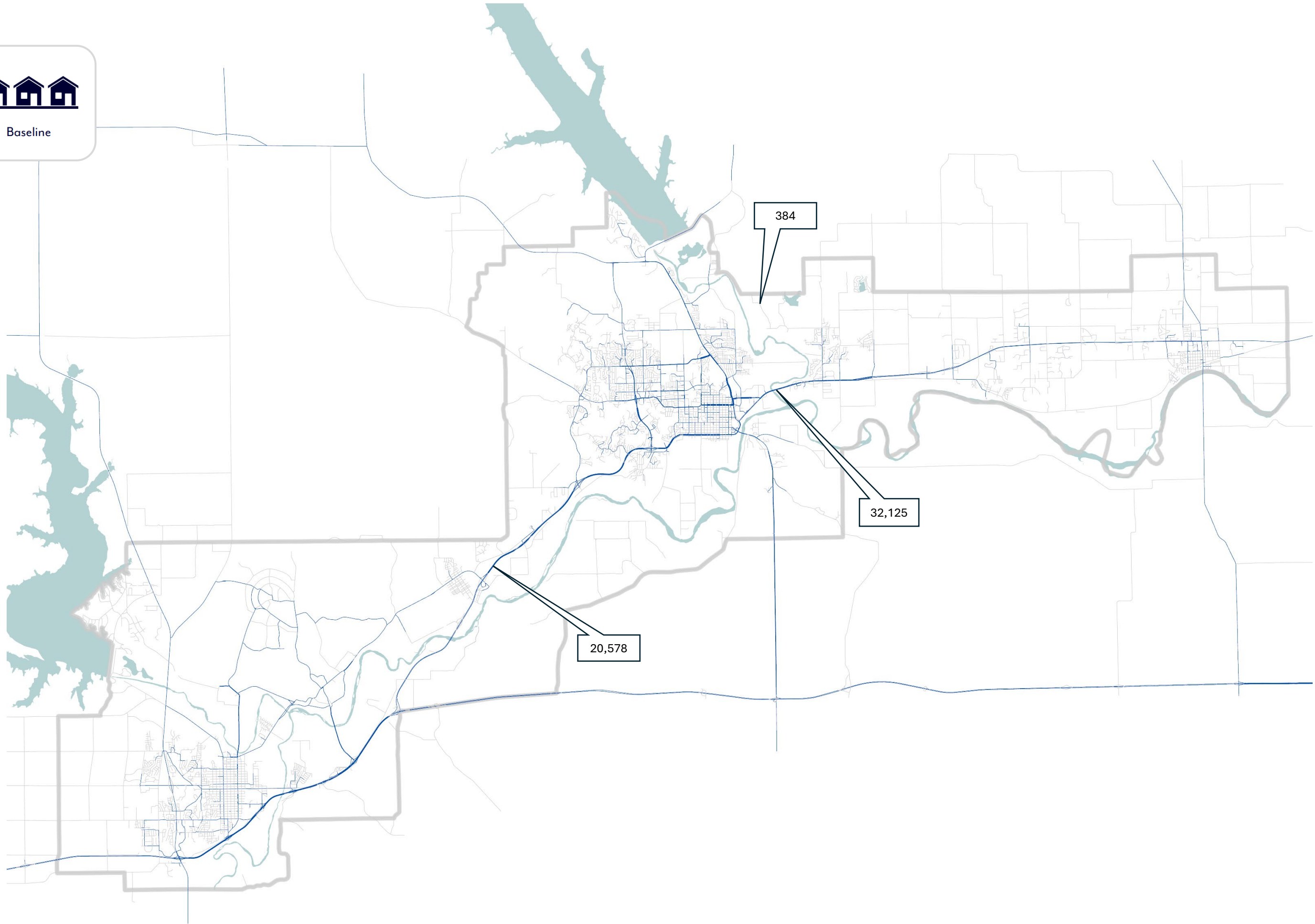


Modernization



Baseline

run169



ADT

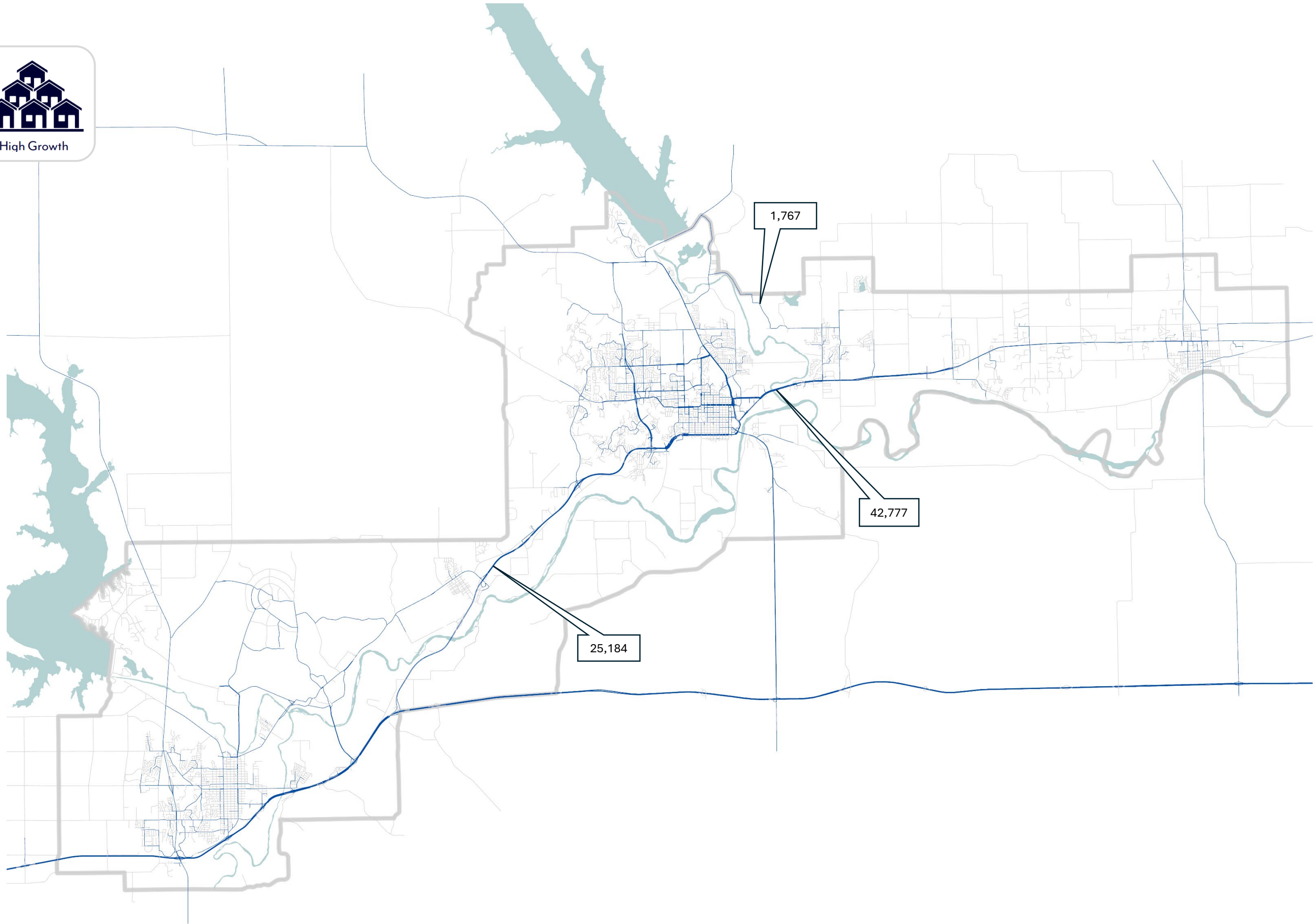


Modernization



High Growth

run170



ADT

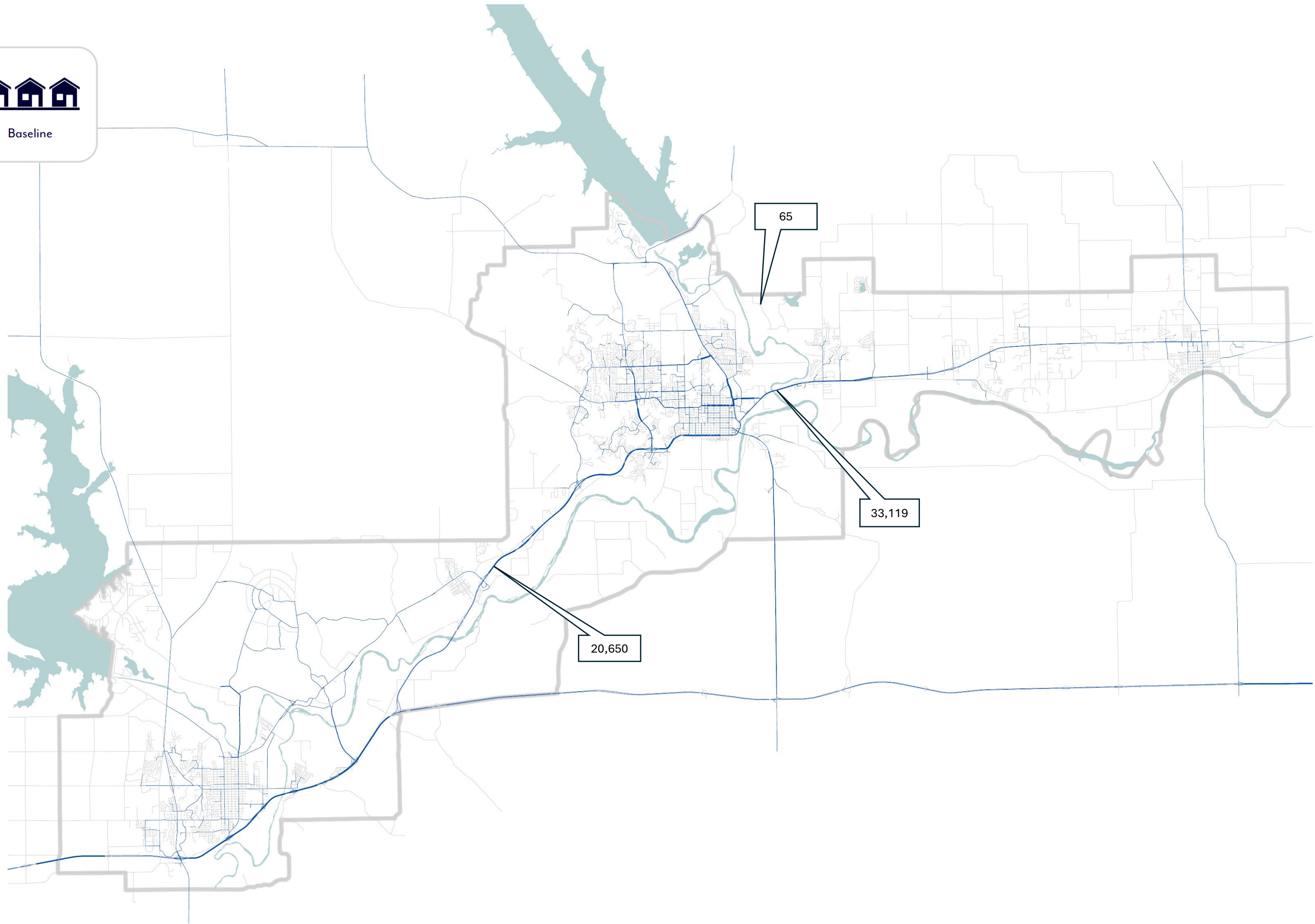


Expansion



Baseline

run138



ADT

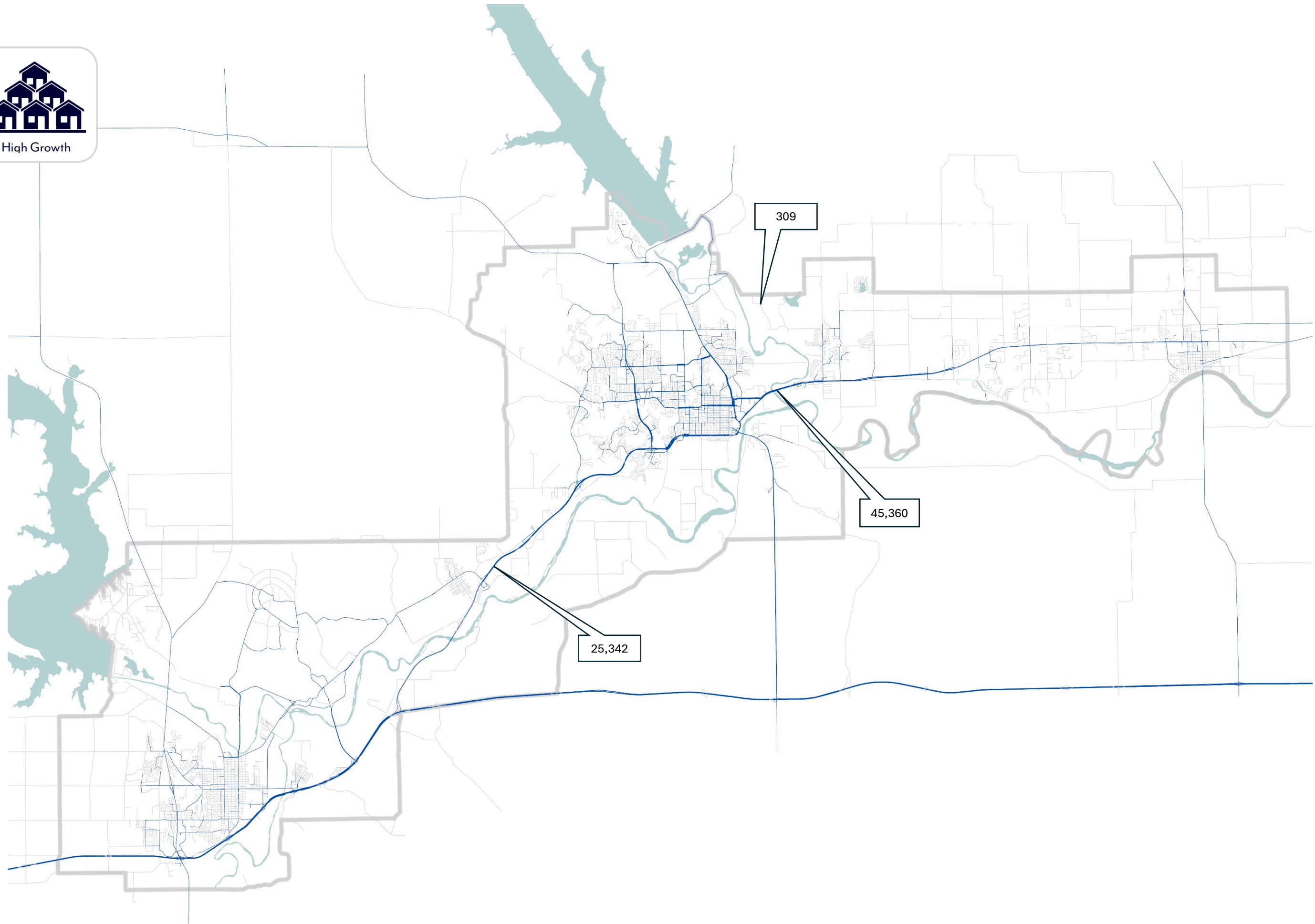


Expansion



High Growth

run146



ADT
Key Locations

	US-24 @ Big Blue River Bridge	Blue River Rd	Bluemont (600 Block)	Anderson @ College Ave	College Ave @ Anderson	Anderson @ Wreath	Claflin @ Browning	Claflin @ Denison	11 th @ Fremont	MLK @ Fairchild
Today	4-Lanes 25,800	Gravel 215	4-Lanes 21,570	4-Lanes 17,285	Via College Heights 2,720	4-Lanes 12,200	4-Lanes 14,375	4-Lanes n/a	2-Lanes 5,800	2-Lanes 7,740
 No-Build + Baseline	4-Lanes 32,299	Gravel 134	4-Lanes 22,602	4-Lanes 12,914	3-Lanes 4,010	4-Lanes 10,495	4-Lanes 10,163	4-Lanes 15,176	2-Lanes 4,482	2-Lanes 9,729
 No-Build + High Growth	4-Lanes 43,035	Gravel 1,094	4-Lanes 27,296	4-Lanes 14,323	3-Lanes 4,829	4-Lanes 11,031	4-Lanes 12,196	4-Lanes 18,401	2-Lanes 5,836	2-Lanes 11,027
 Modernization + Baseline	4-Lanes 32,125	Paved 384	4-Lanes (Right- In/Right-Out) 21,219	3-lanes 15,792	3-lanes 4,871	3-lanes 10,502	3-lanes 9,528	3-lanes 13,490	2-lanes 4,441	2-lanes 9,884
 Modernization + High Growth	4-Lanes 42,777	Paved 1,767	4-Lanes (Right- In/Right-Out) 26,066	3-lanes 17,597	3-lanes 6,139	3-lanes 11,032	3-lanes 10,944	3-lanes 15,388	2-lanes 5,798	2-lanes 11,134
 Expansion + Baseline	6-Lanes 33,119	Gravel 65	5-Lanes 21,769	4-Lanes 15,667	3-Lanes 4,474	4-Lanes 10,471	4-Lanes 10,105	4-Lanes 14,582	2-Lanes 4,415	2-Lanes 9,610
 Expansion + High Growth	6-Lanes 45,360*	Gravel 309	5-Lanes 26,859	4-Lanes 17,441	3-Lanes 5,290	4-Lanes 11,017	4-Lanes 12,109	4-Lanes 17,736	2-Lanes 5,680	2-Lanes 10,904