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Shelby

Spencer

Trimble

Indiana
Member
Counties

Clark

Floyd

Equal
Opportunity
Employer

To: Paul Davis, KYTC District 5
Brian Meade, KYTC District 5

From: Andy Rush

Date: June 16, 2011

Subject: Old Henry Road (KY 3084) Extension Forecasts

I have included additional traffic forecasts per your request, in the vicinity of the Old Henry Road (KY 3084) Extension Project. These forecasts can be found in the table and in the maps that follow. Data is provided for the Years 2030 and 2035.

There were two additional model run scenarios performed after the PL&G meeting on June 8th. These runs assumed that the modified portion of Old Henry Road will be functionally classified as an urban collector. The first run assumed it will be widened to a 3-lane collector, and the second run assumed a 5-lane collector from Bush Farm Road in Jefferson County to Ash Avenue (KY 362) in Oldham County.

Changing the way the Old Henry Road Extension is modeled from an assumed 3-lane divided arterial to a 3-lane collector has the effect of reducing the modeled capacity of the roadway by approximately 30%. Similarly, the 5-lane collector has a modeled capacity that is approximately 65% greater than the modeled capacity of a 3-lane divided arterial.

All other assumptions were kept constant from the previous model runs and from the report that I submitted earlier this month to KYTC.

Please let me know if you have any questions or if you need any additional information.

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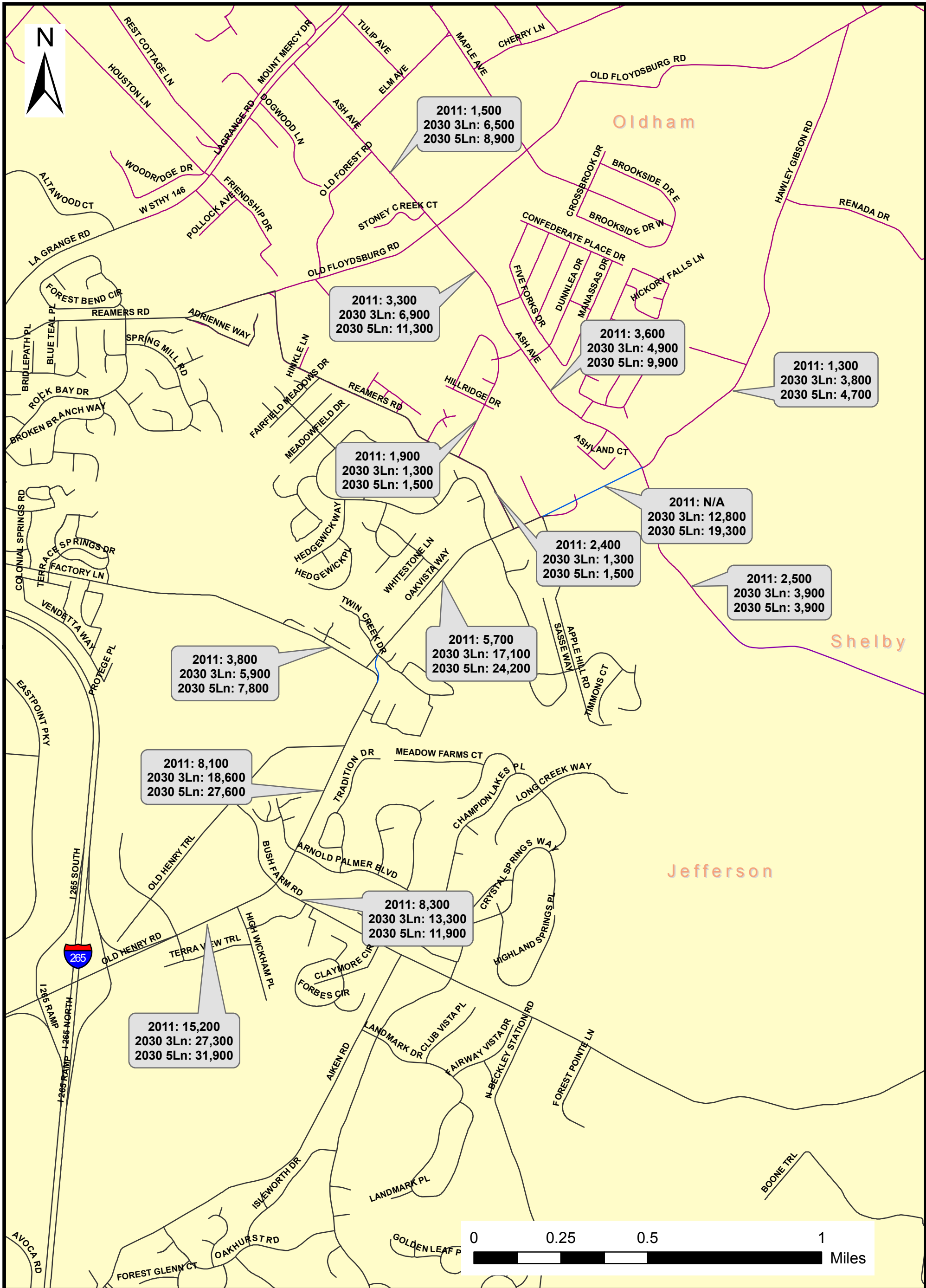


Metropolitan Planning Organization

Kentucky Designated Area Agency on Aging

Old Henry Road (KY 3084) Extension Traffic Forecasts

	Station	Recent Count	2030 Build	2030 NoBuild	2035 Build	2035 NoBuild	2030 3-Lane Collector	2035 3-Lane Collector	2030 5-Lane Collector	2035 5-Lane Collector
Old Henry Road (KY 3084)										
south of Bush Farm		15,161	29,500	21,000	35,100	22,900	27,300	31,900	31,900	38,800
Bush Farm to Factory		8,099	23,600	12,300	31,300	13,700	18,600	23,100	27,600	38,100
Factory to Reamers		5,736	21,200	6,400	29,900	6,600	17,100	22,800	24,200	35,300
Reamers to KY 362		N/A	17,000	N/A	22,200	N/A	12,800	16,000	19,300	26,000
Bush Farm Road										
east of Old Henry		8,317	12,500	13,600	13,900	15,500	13,300	15,000	11,900	13,100
Factory Lane										
west of Old Henry		3,758	7,200	8,200	8,500	10,100	5,900	6,600	7,800	9,500
Reamers Road										
west of Old Henry		2,420	1,300	3,800	1,100	4,300	1,300	1,100	1,500	1,300
Ash Avenue (KY 362)										
KY 146 to Old Floydsburg		1,465	8,000	2,900	12,500	3,500	6,500	9,600	8,900	14,300
Old Floydsburg to Village Green		3,318	9,400	3,500	12,400	3,500	6,900	8,400	11,300	15,600
Village Green to Hawley Gibson		3,552	8,200	5,100	10,200	5,600	4,900	5,300	9,900	13,000
east of Hawley Gibson		2,465	3,900	3,900	4,400	4,400	3,900	4,400	3,900	4,400
Hawley Gibson Road										
east of KY 362		1,289	4,300	2,000	5,900	2,200	3,800	5,100	4,700	6,600
Village Green Blvd.										
north of Reamers		1,937	1,300	3,600	1,200	4,200	1,300	1,200	1,500	1,400
KY 146										
east of Chamberlain	112	18,100	37,500	39,700	45,400	48,800	38,600	47,100	36,300	43,600
near Jefferson/Oldham Co. line	B01	12,800	13,200	15,400	13,300	16,200	13,900	14,200	12,700	12,700
at Pewee Valley/Crestwood line	B08	12,700	15,200	13,700	15,900	14,000	14,800	15,400	15,300	16,100
KY 22										
east of I-265	V28	20,700	36,700	38,300	42,700	45,000	37,100	43,300	36,300	42,100
east of Jefferson/Oldham Co. line	500	7,000	29,100	34,000	42,300	51,500	30,200	44,400	28,700	41,600
near Clore Ln.	B23	8,970	37,900	38,600	55,400	56,700	38,200	55,900	38,000	55,600
I-71										
south of I-265	A07	69,000	70,100	70,500	70,400	70,900	70,200	70,500	70,000	70,300
north of I-265	A05	56,600	64,500	67,000	66,800	70,000	65,100	67,500	63,900	66,000
north of KY 329	311	50,700	56,400	57,900	58,000	60,000	56,800	58,500	56,100	57,600
I-265										
south of Old Henry	B14	56,600	99,700	99,100	115,700	114,800	99,900	116,000	99,600	115,600
north of Old Henry	B39	52,700	91,800	98,200	106,200	115,700	95,600	111,800	89,600	103,000
south of KY 1447	A76	50,800	95,100	99,600	112,200	118,900	96,900	114,800	93,700	110,100
south of KY 22	A13	53,500	95,800	100,500	111,700	118,600	97,400	114,000	94,600	109,900
south of I-71	A11	74,800	125,200	128,200	143,400	147,700	126,200	144,800	124,600	142,500



OLD HENRY ROAD EXTENSION TRAFFIC FORECASTS MODELED AS A COLLECTOR YEAR 2030 FORECASTS

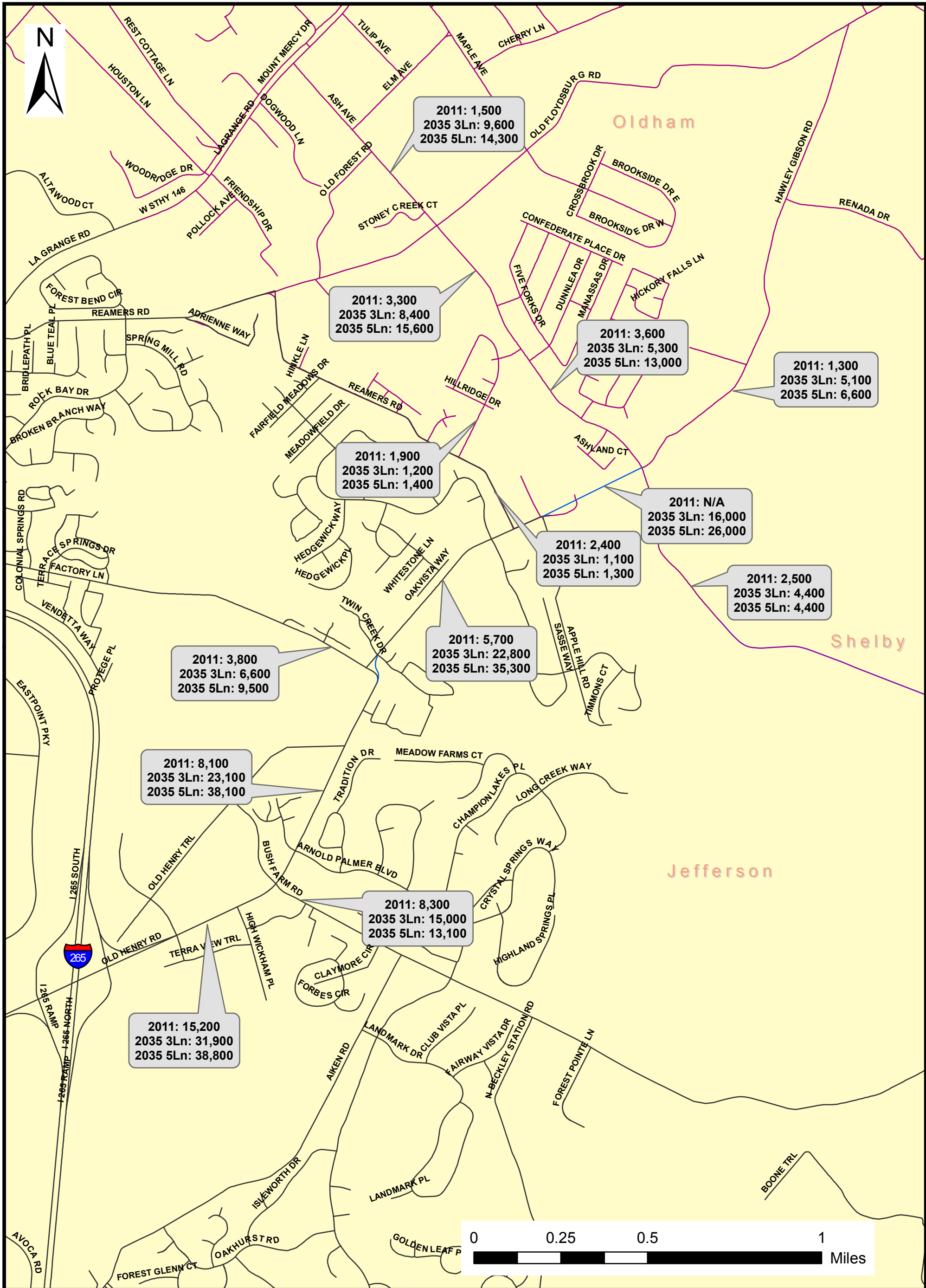
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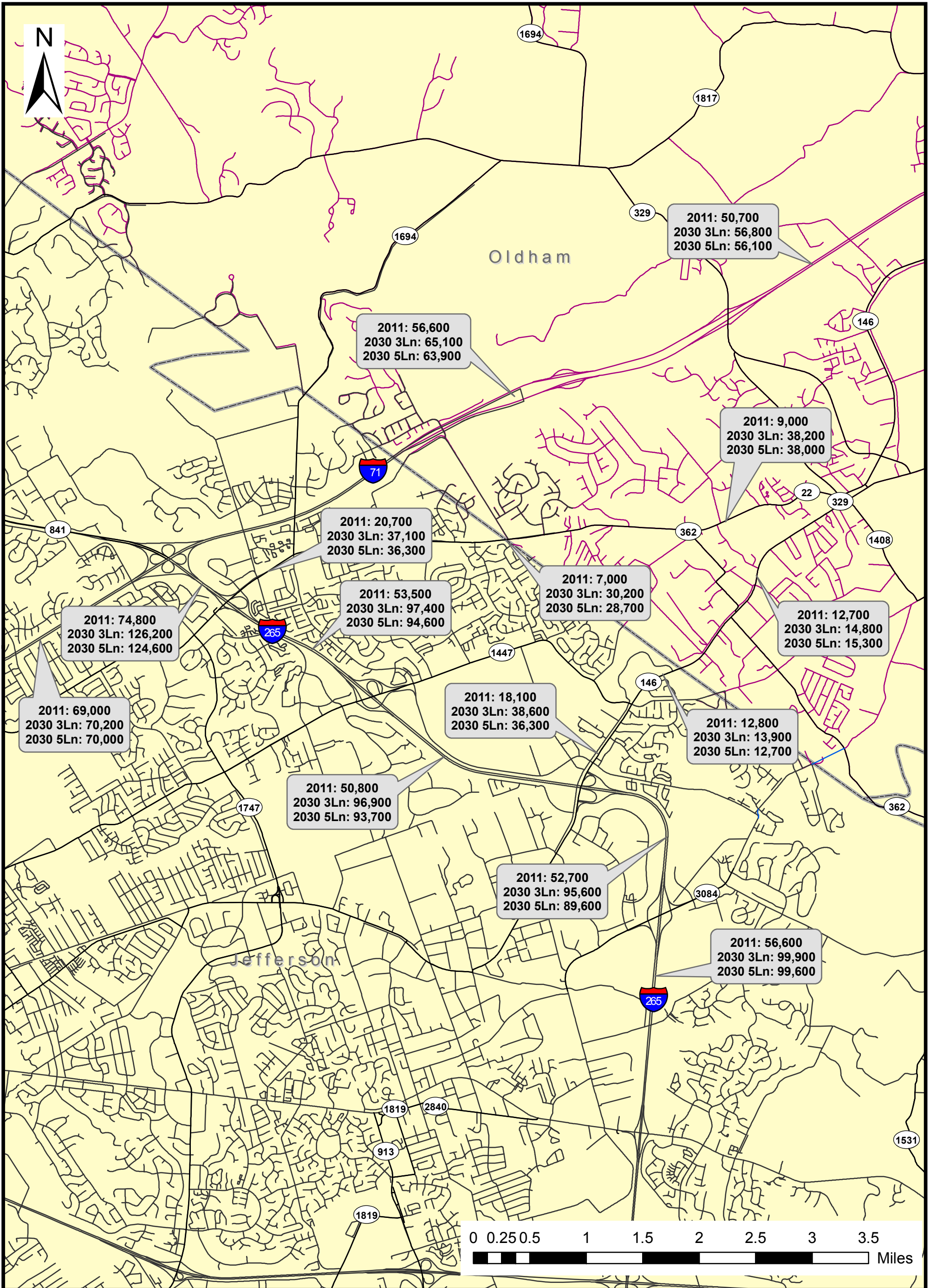
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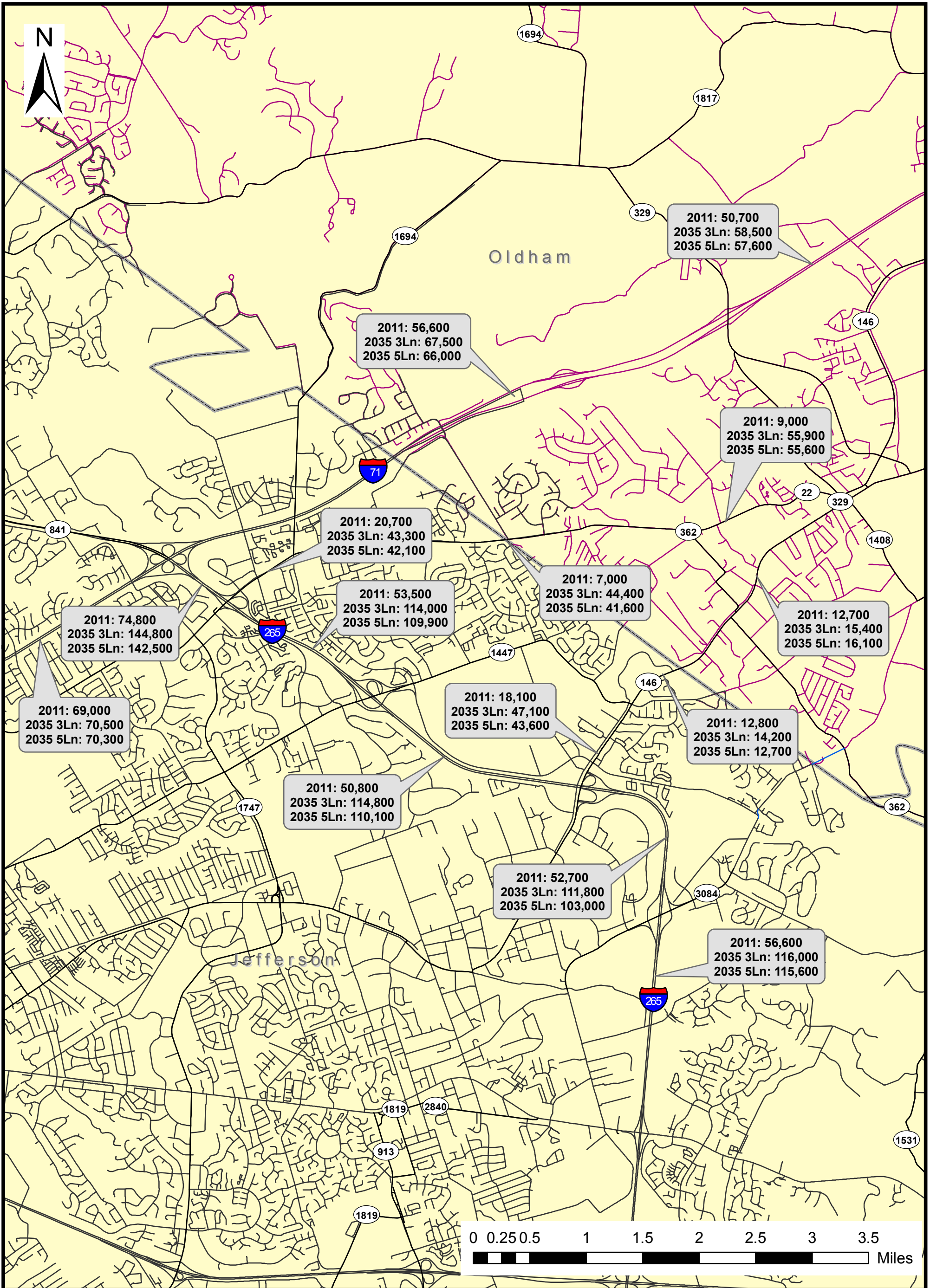
OLD HENRY ROAD EXTENSION TRAFFIC FORECASTS MODELED AS A COLLECTOR YEAR 2030 FORECASTS

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