

**A.M. PEAK HOUR TURNING MOVEMENTS****Duke Norman Pointe EIS****Scenario 1 - Existing Adjusted Counts (Year 2000)**

	Major Street	Intersection Minor Street	Traffic Control	Northbound			Southbound			Eastbound			Westbound		
				L	T	R	L	T	R	L	T	R	L	T	R
1	E Bush Lake Rd	78th St	Signal	557	388	152	22	58	334	351	271	283	41	65	15
5	84th St	E Bush Lake Rd	Signal	18	33	28	50	8	44	594	953	8	16	194	3
7	84th St	Normandale Lake Blvd	Signal	x	x	x	38	x	1	245	798	x	x	479	371
8	84th St	Norman Center Dr	Signal	x	x	x	90	x	4	139	620	x	x	788	402
9	Normandale Blvd	84th St	Signal	352	1,898	174	148	360	332	440	213	83	42	462	694
2	E Bush Lake Rd	WB I-494 Ramp(s)	Signal	x	610	x	x	382	x	x	x	x	59	x	434
3	E Bush Lake Rd	EB I-494 Ramp(s)	Unsignal	x	640	381	217	332	x	x	x	x	x	x	x
4	E Bush Lake Rd	Green Valley Dr	Stop	x	794	22	138	119	x	x	x	x	5	x	106
11	Norman Center Dr	Bridge Rd/Driveway	Stop	23	70	124	123	350	58	0	0	1	139	17	9
6	E Bush Lake Rd	Highwood Dr	Signal	x	x	x	460	x	38	27	1,114	x	x	105	185
10	Norman Center Dr	Normandale Lake Blvd	Stop	12	x	8	x	x	x	x	34	50	162	177	x

**A.M. PEAK HOUR TURNING MOVEMENTS****Duke Norman Pointe EIS****Scenario 2 - 2003 No Build**

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound		
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R
1	E Bush Lake Rd	78th St	Background	609	424	166	24	63	365	384	296	309	45	71	16
			Bldg I	1	1	0	0	4	0	0	0	4	0	0	0
			<b>Total</b>	<b>610</b>	<b>425</b>	<b>166</b>	<b>24</b>	<b>67</b>	<b>365</b>	<b>384</b>	<b>296</b>	<b>313</b>	<b>45</b>	<b>71</b>	<b>16</b>
5	84th St	E Bush Lake Rd	Background	20	36	31	55	9	48	649	1,041	9	17	212	3
			Bldg I	0	0	2	0	0	0	0	12	0	0	2	0
			<b>Total</b>	<b>20</b>	<b>36</b>	<b>33</b>	<b>55</b>	<b>9</b>	<b>48</b>	<b>649</b>	<b>1,053</b>	<b>9</b>	<b>17</b>	<b>214</b>	<b>3</b>
7	84th St	Normandale Lake Blvd	Background	x	x	x	42	x	1	268	872	x	x	523	405
			Bldg I	x	x	x	8	x	2	13	0	x	x	0	56
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>50</b>	<b>x</b>	<b>3</b>	<b>281</b>	<b>872</b>	<b>x</b>	<b>x</b>	<b>523</b>	<b>461</b>
8	84th St	Norman Center Dr	Background	x	x	x	98	x	4	152	677	x	x	861	439
			Bldg I	x	x	x	8	x	0	0	8	x	x	56	56
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>106</b>	<b>x</b>	<b>4</b>	<b>152</b>	<b>685</b>	<b>x</b>	<b>x</b>	<b>917</b>	<b>495</b>
9	Normandale Blvd	84th St	Background	385	2,074	190	162	393	363	481	233	91	46	505	758
			Bldg I	17	0	0	0	0	84	12	1	2	0	10	0
			<b>Total</b>	<b>402</b>	<b>2,074</b>	<b>190</b>	<b>162</b>	<b>393</b>	<b>447</b>	<b>493</b>	<b>234</b>	<b>93</b>	<b>46</b>	<b>515</b>	<b>758</b>
2	E Bush Lake Rd	WB I-494 Ramp(s)	Background	x	667	x	x	417	x	x	x	x	64	x	474
			Bldg I	x	1	x	x	8	x	x	x	x	44	x	0
			<b>Total</b>	<b>x</b>	<b>668</b>	<b>x</b>	<b>x</b>	<b>425</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>108</b>	<b>x</b>	<b>474</b>
3	E Bush Lake Rd	EB I-494 Ramp(s)	Background	x	699	416	237	363	x	x	x	x	x	x	x
			Bldg I	x	1	6	0	52	x	x	x	x	x	x	x
			<b>Total</b>	<b>x</b>	<b>700</b>	<b>422</b>	<b>237</b>	<b>415</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>
4	E Bush Lake Rd	Green Valley Dr	Background	x	868	24	151	130	x	x	x	x	5	x	116
			Bldg I	x	0	0	52	0	x	x	x	x	0	x	7
			<b>Total</b>	<b>x</b>	<b>868</b>	<b>24</b>	<b>203</b>	<b>130</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>5</b>	<b>x</b>	<b>123</b>
11	Norman Center Dr	Bridge Rd/Driveway	Background	25	76	135	134	382	63	0	0	1	152	19	10
			Bldg I	0	56	0	2	8	0	0	0	0	0	0	15
			<b>Total</b>	<b>25</b>	<b>132</b>	<b>135</b>	<b>136</b>	<b>390</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>152</b>	<b>19</b>	<b>25</b>
6	E Bush Lake Rd	Highwood Dr	Background	x	x	x	503	x	42	30	1,217	x	x	115	202
			Bldg I	x	x	x	4	x	0	0	8	x	x	1	1
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>507</b>	<b>x</b>	<b>42</b>	<b>30</b>	<b>1,225</b>	<b>x</b>	<b>x</b>	<b>116</b>	<b>203</b>
10	Norman Center Dr	Normandale Lake Blvd	Background	13	x	9	x	x	x	x	37	55	177	193	x
			Bldg I	0	0	0	10	0	17	121	0	0	0	0	71
			<b>Total</b>	<b>13</b>	<b>0</b>	<b>9</b>	<b>10</b>	<b>0</b>	<b>17</b>	<b>121</b>	<b>37</b>	<b>55</b>	<b>177</b>	<b>193</b>	<b>71</b>

**A.M. PEAK HOUR TURNING MOVEMENTS****Duke Norman Pointe EIS****Scenario 3 - 2003 Building II with No Network Changes**

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound			
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R	
1	E Bush Lake Rd	78th St	Scen 2	610	425	166	24	67	365	384	296	313	45	71	16	
			Bldg II	1	1	0	0	8	0	0	0	0	8	0	0	0
			<b>Total</b>	<b>611</b>	<b>426</b>	<b>166</b>	<b>24</b>	<b>75</b>	<b>365</b>	<b>384</b>	<b>296</b>	<b>321</b>	<b>45</b>	<b>71</b>	<b>16</b>	
5	84th St	E Bush Lake Rd	Scen 2	20	36	33	55	9	48	649	1,053	9	17	214	3	
			Bldg II	0	0	4	0	0	0	0	23	0	1	3	0	
			<b>Total</b>	<b>20</b>	<b>36</b>	<b>37</b>	<b>55</b>	<b>9</b>	<b>48</b>	<b>649</b>	<b>1,076</b>	<b>9</b>	<b>18</b>	<b>217</b>	<b>3</b>	
7	84th St	Normandale Lake Blvd	Scen 2	x	x	x	50	x	3	281	872	x	x	523	461	
			Bldg II	x	x	x	16	x	4	27	0	x	x	0	112	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>66</b>	<b>x</b>	<b>7</b>	<b>308</b>	<b>872</b>	<b>x</b>	<b>x</b>	<b>523</b>	<b>573</b>	
8	84th St	Norman Center Dr	Scen 2	x	x	x	106	x	4	152	685	x	x	917	495	
			Bldg II	x	x	x	16	x	0	0	16	x	x	112	112	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>122</b>	<b>x</b>	<b>4</b>	<b>152</b>	<b>701</b>	<b>x</b>	<b>x</b>	<b>1,029</b>	<b>607</b>	
9	Normandale Blvd	84th St	Scen 2	402	2,074	190	162	393	447	493	234	93	46	515	758	
			Bldg II	35	0	0	0	0	170	24	3	5	0	19	0	
			<b>Total</b>	<b>437</b>	<b>2,074</b>	<b>190</b>	<b>162</b>	<b>393</b>	<b>617</b>	<b>517</b>	<b>237</b>	<b>98</b>	<b>46</b>	<b>534</b>	<b>758</b>	
2	E Bush Lake Rd	WB I-494 Ramp(s)	Scen 2	x	668	x	x	425	x	x	x	x	108	x	474	
			Bldg II	x	2	x	x	15	x	x	x	x	89	x	0	
			<b>Total</b>	<b>x</b>	<b>670</b>	<b>x</b>	<b>x</b>	<b>440</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>197</b>	<b>x</b>	<b>474</b>	
3	E Bush Lake Rd	EB I-494 Ramp(s)	Scen 2	x	700	422	237	415	x	x	x	x	x	x	x	
			Bldg II	x	2	12	0	104	x	x	x	x	x	x	x	
			<b>Total</b>	<b>x</b>	<b>702</b>	<b>434</b>	<b>237</b>	<b>519</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	
4	E Bush Lake Rd	Green Valley Dr	Scen 2	x	868	24	203	130	x	x	x	x	5	x	123	
			Bldg II	x	0	0	104	0	x	x	x	x	0	x	15	
			<b>Total</b>	<b>x</b>	<b>868</b>	<b>24</b>	<b>307</b>	<b>130</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>5</b>	<b>x</b>	<b>138</b>	
11	Norman Center Dr	Bridge Rd/Driveway	Scen 2	25	132	135	136	390	63	0	0	1	152	19	25	
			Bldg II	0	112	0	4	16	0	0	0	0	0	0	31	
			<b>Total</b>	<b>25</b>	<b>244</b>	<b>135</b>	<b>140</b>	<b>406</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>152</b>	<b>19</b>	<b>56</b>	
6	E Bush Lake Rd	Highwood Dr	Scen 2	x	x	x	507	x	42	30	1,225	x	x	116	203	
			Bldg II	x	x	x	8	x	0	0	15	x	x	2	1	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>515</b>	<b>x</b>	<b>42</b>	<b>30</b>	<b>1,240</b>	<b>x</b>	<b>x</b>	<b>118</b>	<b>204</b>	
10	Norman Center Dr	Normandale Lake Blvd	Scen 2	13	0	9	0	0	17	121	37	55	177	193	0	
			Bldg II	0	0	0	20	0	34	244	0	0	0	0	143	
			<b>Total</b>	<b>13</b>	<b>0</b>	<b>9</b>	<b>20</b>	<b>0</b>	<b>51</b>	<b>365</b>	<b>37</b>	<b>55</b>	<b>177</b>	<b>193</b>	<b>143</b>	

**A.M. PEAK HOUR TURNING MOVEMENTS****Duke Norman Pointe EIS****Scenario 4 - 2003 Buildings II & III with No Network Changes**

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound			
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R	
1	E Bush Lake Rd	78th St	Scen 2	611	426	166	24	75	365	384	296	321	45	71	16	
			Bldg III	1	1	0	0	8	0	0	0	0	8	0	0	0
			<b>Total</b>	<b>612</b>	<b>427</b>	<b>166</b>	<b>24</b>	<b>83</b>	<b>365</b>	<b>384</b>	<b>296</b>	<b>329</b>	<b>45</b>	<b>71</b>	<b>16</b>	
5	84th St	E Bush Lake Rd	Scen 2	20	36	37	55	9	48	649	1,076	9	18	217	3	
			Bldg III	0	0	4	0	0	0	0	23	0	1	3	0	
			<b>Total</b>	<b>20</b>	<b>36</b>	<b>41</b>	<b>55</b>	<b>9</b>	<b>48</b>	<b>649</b>	<b>1,099</b>	<b>9</b>	<b>19</b>	<b>220</b>	<b>3</b>	
7	84th St	Normandale Lake Blvd	Scen 2	x	x	x	66	x	7	308	872	x	x	523	573	
			Bldg III	x	x	x	16	x	4	27	0	x	x	0	112	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>82</b>	<b>x</b>	<b>11</b>	<b>335</b>	<b>872</b>	<b>x</b>	<b>x</b>	<b>523</b>	<b>685</b>	
8	84th St	Norman Center Dr	Scen 2	x	x	x	122	x	4	152	701	x	x	1,029	607	
			Bldg III	x	x	x	16	x	0	0	16	x	x	112	112	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>138</b>	<b>x</b>	<b>4</b>	<b>152</b>	<b>717</b>	<b>x</b>	<b>x</b>	<b>1,141</b>	<b>719</b>	
9	Normandale Blvd	84th St	Scen 2	437	2,074	190	162	393	617	517	237	98	46	534	758	
			Bldg III	35	0	0	0	0	170	24	3	5	0	19	0	
			<b>Total</b>	<b>472</b>	<b>2,074</b>	<b>190</b>	<b>162</b>	<b>393</b>	<b>787</b>	<b>541</b>	<b>240</b>	<b>103</b>	<b>46</b>	<b>553</b>	<b>758</b>	
2	E Bush Lake Rd	WB I-494 Ramp(s)	Scen 2	x	670	x	x	440	x	x	x	x	197	x	474	
			Bldg III	x	2	x	x	15	x	x	x	x	89	x	0	
			<b>Total</b>	<b>x</b>	<b>672</b>	<b>x</b>	<b>x</b>	<b>455</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>286</b>	<b>x</b>	<b>474</b>	
3	E Bush Lake Rd	EB I-494 Ramp(s)	Scen 2	x	702	434	237	519	x	x	x	x	x	x	x	
			Bldg III	x	2	12	0	104	x	x	x	x	x	x	x	
			<b>Total</b>	<b>x</b>	<b>704</b>	<b>446</b>	<b>237</b>	<b>623</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	
4	E Bush Lake Rd	Green Valley Dr	Scen 2	x	868	24	307	130	x	x	x	x	5	x	138	
			Bldg III	x	0	0	104	0	x	x	x	x	0	x	15	
			<b>Total</b>	<b>x</b>	<b>868</b>	<b>24</b>	<b>411</b>	<b>130</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>5</b>	<b>x</b>	<b>153</b>	
11	Norman Center Dr	Bridge Rd/Driveway	Scen 2	25	244	135	140	406	63	0	0	1	152	19	56	
			Bldg III	0	112	0	4	16	0	0	0	0	0	0	31	
			<b>Total</b>	<b>25</b>	<b>356</b>	<b>135</b>	<b>144</b>	<b>422</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>152</b>	<b>19</b>	<b>87</b>	
6	E Bush Lake Rd	Highwood Dr	Scen 2	x	x	x	515	x	42	30	1,240	x	x	118	204	
			Bldg III	x	x	x	8	x	0	0	15	x	x	2	1	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>523</b>	<b>x</b>	<b>42</b>	<b>30</b>	<b>1,255</b>	<b>x</b>	<b>x</b>	<b>120</b>	<b>205</b>	
10	Norman Center Dr	Normandale Lake Blvd	Scen 2	13	0	9	20	0	51	365	37	55	177	193	143	
			Bldg III	0	0	0	20	0	34	244	0	0	0	0	143	
			<b>Total</b>	<b>13</b>	<b>0</b>	<b>9</b>	<b>40</b>	<b>0</b>	<b>85</b>	<b>609</b>	<b>37</b>	<b>55</b>	<b>177</b>	<b>193</b>	<b>286</b>	

**A.M. PEAK HOUR TURNING MOVEMENTS****Duke Norman Pointe EIS****Scenario 5 - 2005 Buildings II & III with I-494/E Bush Lake Rd Improvements***Note: Use same background volumes for Scenarios 7 and 8.*

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound			
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R	
1	E Bush Lake Rd	78th St	Background	646	450	176	25	67	387	407	314	328	48	75	17	
			Bldg I, II + III	3	3	0	0	20	0	0	0	0	20	0	0	0
			<b>Total</b>	<b>649</b>	<b>453</b>	<b>176</b>	<b>25</b>	<b>87</b>	<b>387</b>	<b>407</b>	<b>314</b>	<b>348</b>	<b>48</b>	<b>75</b>	<b>17</b>	
5	84th St	E Bush Lake Rd	Background	21	41	30	64	28	80	707	1,082	10	0	196	4	
			Bldg I, II + III	0	0	10	0	0	0	0	58	0	2	8	0	
			<b>Total</b>	<b>21</b>	<b>41</b>	<b>40</b>	<b>64</b>	<b>28</b>	<b>80</b>	<b>707</b>	<b>1,140</b>	<b>10</b>	<b>2</b>	<b>204</b>	<b>4</b>	
7	84th St	Normandale Lake Blvd	Background	x	x	x	42	x	4	310	894	x	x	603	404	
			Bldg I, II + III	x	x	x	25	x	10	67	0	x	x	0	180	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>67</b>	<b>x</b>	<b>14</b>	<b>377</b>	<b>894</b>	<b>x</b>	<b>x</b>	<b>603</b>	<b>584</b>	
8	84th St	Norman Center Dr	Background	x	x	x	98	x	10	189	687	x	x	961	438	
			Bldg I, II + III	x	x	x	40	x	0	0	25	x	x	180	280	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>138</b>	<b>x</b>	<b>10</b>	<b>189</b>	<b>712</b>	<b>x</b>	<b>x</b>	<b>1,141</b>	<b>718</b>	
9	Normandale Blvd	84th St	Background	540	2,068	202	162	392	362	479	257	122	49	584	756	
			Bldg I, II + III	87	0	0	0	0	324	45	7	12	0	48	0	
			<b>Total</b>	<b>627</b>	<b>2,068</b>	<b>202</b>	<b>162</b>	<b>392</b>	<b>686</b>	<b>524</b>	<b>264</b>	<b>134</b>	<b>49</b>	<b>632</b>	<b>756</b>	
2	E Bush Lake Rd	WB I-494 Ramp(s)	Background	26	708	x	x	406	36	x	x	x	68	x	503	
			Bldg I, II + III	15	5	x	x	38	0	x	x	x	222	x	0	
			<b>Total</b>	<b>41</b>	<b>713</b>	<b>x</b>	<b>x</b>	<b>444</b>	<b>36</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>290</b>	<b>x</b>	<b>503</b>	
3	E Bush Lake Rd	EB I-494 Ramp(s)	Background	x	809	441	251	349	x	x	x	x	53	x	23	
			Bldg I, II + III	x	20	30	0	260	x	x	x	x	102	x	0	
			<b>Total</b>	<b>x</b>	<b>829</b>	<b>471</b>	<b>251</b>	<b>609</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>155</b>	<b>x</b>	<b>23</b>	
4	E Bush Lake Rd	Green Valley Dr	Background	x	947	25	174	191	x	x	x	x	5	x	134	
			Bldg I, II + III	x	0	0	362	0	x	x	x	x	0	x	50	
			<b>Total</b>	<b>x</b>	<b>947</b>	<b>25</b>	<b>536</b>	<b>191</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>5</b>	<b>x</b>	<b>184</b>	
11	Norman Center Dr	Bridge Rd/Driveway	Background	27	81	143	142	405	67	0	0	1	161	20	11	
			Bldg I, II + III	0	280	0	10	40	0	0	0	0	0	0	77	
			<b>Total</b>	<b>27</b>	<b>361</b>	<b>143</b>	<b>152</b>	<b>445</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>161</b>	<b>20</b>	<b>88</b>	
6	E Bush Lake Rd	Highwood Dr	Background	x	x	x	534	x	45	32	1,291	x	x	122	214	
			Bldg I, II + III	x	x	x	20	x	0	0	38	x	x	5	3	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>554</b>	<b>x</b>	<b>45</b>	<b>32</b>	<b>1,329</b>	<b>x</b>	<b>x</b>	<b>127</b>	<b>217</b>	
10	Norman Center Dr	Normandale Lake Blvd	Background	14	x	10	x	x	x	x	39	58	188	205	x	
			Bldg I, II + III	0	0	0	50	0	85	609	0	0	0	0	357	
			<b>Total</b>	<b>14</b>	<b>0</b>	<b>10</b>	<b>50</b>	<b>0</b>	<b>85</b>	<b>609</b>	<b>39</b>	<b>58</b>	<b>188</b>	<b>205</b>	<b>357</b>	

**A.M. PEAK HOUR TURNING MOVEMENTS****Duke Norman Pointe EIS****Scenario 6 - 2005 Buildings II & III with Normandale Blvd/84th St Single Point Interchange***Note: Only change is background growth.*

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound			
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R	
1	E Bush Lake Rd	78th St	Background	646	450	176	25	67	387	407	314	328	48	75	17	
			Bldg I, II + III	3	3	0	0	20	0	0	0	0	20	0	0	0
			<b>Total</b>	<b>649</b>	<b>453</b>	<b>176</b>	<b>25</b>	<b>87</b>	<b>387</b>	<b>407</b>	<b>314</b>	<b>348</b>	<b>48</b>	<b>75</b>	<b>17</b>	
5	84th St	E Bush Lake Rd	Background	21	38	33	58	10	51	689	1,104	10	18	225	3	
			Bldg I, II + III	0	0	10	0	0	0	0	58	0	2	8	0	
			<b>Total</b>	<b>21</b>	<b>38</b>	<b>43</b>	<b>58</b>	<b>10</b>	<b>51</b>	<b>689</b>	<b>1,162</b>	<b>10</b>	<b>20</b>	<b>233</b>	<b>3</b>	
7	84th St	Normandale Lake Blvd	Background	x	x	x	45	x	1	284	925	x	x	555	430	
			Bldg I, II + III	x	x	x	40	x	10	67	0	x	x	0	280	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>85</b>	<b>x</b>	<b>11</b>	<b>351</b>	<b>925</b>	<b>x</b>	<b>x</b>	<b>555</b>	<b>710</b>	
8	84th St	Norman Center Dr	Background	x	x	x	104	x	4	161	718	x	x	913	466	
			Bldg I, II + III	x	x	x	40	x	0	0	40	x	x	280	280	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>144</b>	<b>x</b>	<b>4</b>	<b>161</b>	<b>758</b>	<b>x</b>	<b>x</b>	<b>1,193</b>	<b>746</b>	
9	Normandale Blvd	84th St	Background	408	2,200	202	172	417	385	510	247	97	49	536	804	
			Bldg I, II + III	87	0	0	0	0	424	60	7	12	0	48	0	
			<b>Total</b>	<b>495</b>	<b>2,200</b>	<b>202</b>	<b>172</b>	<b>417</b>	<b>809</b>	<b>570</b>	<b>254</b>	<b>109</b>	<b>49</b>	<b>584</b>	<b>804</b>	
2	E Bush Lake Rd	WB I-494 Ramp(s)	Background	x	708	x	x	442	x	x	x	x	68	x	503	
			Bldg I, II + III	x	5	x	x	38	x	x	x	x	222	x	0	
			<b>Total</b>	<b>x</b>	<b>713</b>	<b>x</b>	<b>x</b>	<b>480</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>290</b>	<b>x</b>	<b>503</b>	
3	E Bush Lake Rd	EB I-494 Ramp(s)	Background	x	742	441	251	385	x	x	x	x	x	x	x	
			Bldg I, II + III	x	5	30	0	260	x	x	x	x	x	x	x	
			<b>Total</b>	<b>x</b>	<b>747</b>	<b>471</b>	<b>251</b>	<b>645</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	
4	E Bush Lake Rd	Green Valley Dr	Background	x	921	25	160	138	x	x	x	x	5	x	123	
			Bldg I, II + III	x	0	0	260	0	x	x	x	x	0	x	37	
			<b>Total</b>	<b>x</b>	<b>921</b>	<b>25</b>	<b>420</b>	<b>138</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>5</b>	<b>x</b>	<b>160</b>	
11	Norman Center Dr	Bridge Rd/Driveway	Background	27	81	143	142	405	67	0	0	1	161	20	11	
			Bldg I, II + III	0	280	0	10	40	0	0	0	0	0	0	77	
			<b>Total</b>	<b>27</b>	<b>361</b>	<b>143</b>	<b>152</b>	<b>445</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>161</b>	<b>20</b>	<b>88</b>	
6	E Bush Lake Rd	Highwood Dr	Background	x	x	x	534	x	45	32	1,291	x	x	122	214	
			Bldg I, II + III	x	x	x	20	x	0	0	38	x	x	5	3	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>554</b>	<b>x</b>	<b>45</b>	<b>32</b>	<b>1,329</b>	<b>x</b>	<b>x</b>	<b>127</b>	<b>217</b>	
10	Norman Center Dr	Normandale Lake Blvd	Background	14	x	10	x	x	x	x	39	58	188	205	x	
			Bldg I, II + III	0	0	0	50	0	85	609	0	0	0	0	357	
			<b>Total</b>	<b>14</b>	<b>0</b>	<b>10</b>	<b>50</b>	<b>0</b>	<b>85</b>	<b>609</b>	<b>39</b>	<b>58</b>	<b>188</b>	<b>205</b>	<b>357</b>	

**A.M. PEAK HOUR TURNING MOVEMENTS**

**Duke Norman Pointe EIS**

**Scenarios 7 & 8 - Full Development with I-494/E Bush Lake Rd Improvements (and 84th/Normandale SPI for Scenario 8)**

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound			
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R	
1	E Bush Lake Rd	78th St	Scen 5	649	453	176	25	87	387	407	314	348	48	75	17	
			Bldg IV+Hotel	2	2	0	0	11	0	0	0	11	0	0	0	0
			<b>Total</b>	<b>651</b>	<b>455</b>	<b>176</b>	<b>25</b>	<b>98</b>	<b>387</b>	<b>407</b>	<b>314</b>	<b>359</b>	<b>48</b>	<b>75</b>	<b>17</b>	
5	84th St	E Bush Lake Rd	Scen 5	21	41	40	64	28	80	707	1,140	10	2	204	4	
			Bldg IV+Hotel	0	0	6	0	0	0	0	34	0	1	6	0	
			<b>Total</b>	<b>21</b>	<b>41</b>	<b>46</b>	<b>64</b>	<b>28</b>	<b>80</b>	<b>707</b>	<b>1,174</b>	<b>10</b>	<b>3</b>	<b>210</b>	<b>4</b>	
7	84th St	Normandale Lake Blvd	Scen 5	x	x	x	67	x	14	377	894	x	x	603	584	
			Bldg IV+Hotel	0	0	0	19	0	7	40	0	0	0	0	104	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>86</b>	<b>x</b>	<b>21</b>	<b>417</b>	<b>894</b>	<b>x</b>	<b>x</b>	<b>603</b>	<b>688</b>	
8	84th St	Norman Center Dr	Scen 5	x	x	x	138	x	10	189	712	x	x	1,141	718	
			Bldg IV+Hotel	0	0	0	31	0	0	0	19	0	0	104	164	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>169</b>	<b>x</b>	<b>10</b>	<b>189</b>	<b>731</b>	<b>x</b>	<b>x</b>	<b>1,245</b>	<b>882</b>	
9	Normandale Blvd	84th St	Scen 5	627	2,068	202	162	392	686	524	264	134	49	632	756	
			Bldg IV+Hotel	51	0	0	0	0	190	35	6	9	0	29	0	
			<b>Total</b>	<b>678</b>	<b>2,068</b>	<b>202</b>	<b>162</b>	<b>392</b>	<b>876</b>	<b>559</b>	<b>270</b>	<b>143</b>	<b>49</b>	<b>661</b>	<b>756</b>	
2	E Bush Lake Rd	WB I-494 Ramp(s)	Scen 5	41	713	x	x	444	36	x	x	x	290	x	503	
			Bldg IV+Hotel	10	4	0	0	23	0	0	0	0	0	130	0	0
			<b>Total</b>	<b>51</b>	<b>717</b>	<b>x</b>	<b>x</b>	<b>467</b>	<b>36</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>420</b>	<b>x</b>	<b>503</b>	
3	E Bush Lake Rd	EB I-494 Ramp(s)	Scen 5	x	829	471	251	609	x	x	x	x	155	x	23	
			Bldg IV+Hotel	0	15	24	0	153	0	0	0	0	59	0	0	
			<b>Total</b>	<b>x</b>	<b>844</b>	<b>495</b>	<b>251</b>	<b>762</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>214</b>	<b>x</b>	<b>23</b>	
4	E Bush Lake Rd	Green Valley Dr	Scen 5	x	947	25	536	191	x	x	x	x	5	x	184	
			Bldg IV+Hotel	0	0	0	212	0	0	0	0	0	0	0	39	
			<b>Total</b>	<b>x</b>	<b>947</b>	<b>25</b>	<b>748</b>	<b>191</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>5</b>	<b>x</b>	<b>223</b>	
11	Norman Center Dr	Bridge Rd/Driveway	Scen 5	27	361	143	152	445	67	0	0	1	161	20	88	
			Bldg IV+Hotel	0	164	0	9	31	0	0	0	0	0	0	45	
			<b>Total</b>	<b>27</b>	<b>525</b>	<b>143</b>	<b>161</b>	<b>476</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>161</b>	<b>20</b>	<b>133</b>	
6	E Bush Lake Rd	Highwood Dr	Scen 5	x	x	x	554	x	45	32	1,329	x	x	127	217	
			Bldg IV+Hotel	0	0	0	11	0	0	0	23	0	0	4	2	
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>565</b>	<b>x</b>	<b>45</b>	<b>32</b>	<b>1,352</b>	<b>x</b>	<b>x</b>	<b>131</b>	<b>219</b>	
10	Norman Center Dr	Normandale Lake Blvd	Scen 5	14	0	10	50	0	85	609	39	58	188	205	357	
			Bldg IV+Hotel	0	0	0	38	0	66	356	0	0	0	0	210	
			<b>Total</b>	<b>14</b>	<b>0</b>	<b>10</b>	<b>88</b>	<b>0</b>	<b>151</b>	<b>965</b>	<b>39</b>	<b>58</b>	<b>188</b>	<b>205</b>	<b>567</b>	

**P.M. PEAK HOUR TURNING MOVEMENTS****Duke Norman Pointe EIS****Scenario 1 - Existing Adjusted Counts (Year 2000)**

	Major Street	Intersection Minor Street	Traffic Control	Northbound			Southbound			Eastbound			Westbound		
				L	T	R	L	T	R	L	T	R	L	T	R
1	E Bush Lake Rd	78th St	Signal	294	82	75	26	298	700	159	518	480	132	187	26
5	84th St	E Bush Lake Rd	Signal	56	35	66	276	56	369	94	766	70	85	829	64
7	84th St	Normandale Lake Blvd	Signal	x	x	x	483	x	193	53	1,073	x	x	752	56
8	84th St	Norman Center Dr	Signal	x	x	x	604	x	164	65	1,561	x	x	595	83
9	Normandale Blvd	84th St	Signal	131	744	80	371	1,036	184	1,062	720	393	184	351	632
2	E Bush Lake Rd	WB I-494 Ramp(s)	Signal	x	314	x	x	954	x	x	x	x	255	x	100
3	E Bush Lake Rd	EB I-494 Ramp(s)	Unsignal	x	296	118	302	998	x	x	x	x	x	x	x
4	E Bush Lake Rd	Green Valley Dr	Stop	x	327	20	254	1,076	x	x	x	x	42	x	160
11	Norman Center Dr	Bridge Rd/Driveway	Stop	0	2	3	215	208	2	5	20	37	197	2	65
6	E Bush Lake Rd	Highwood Dr	Signal	x	x	x	534	x	162	33	356	x	x	866	423
10	Norman Center Dr	Normandale Lake Blvd	Stop	79	x	35	x	x	x	x	204	32	19	112	x

**P.M. PEAK HOUR TURNING MOVEMENTS**

**Duke Norman Pointe EIS**

**Scenario 2 - 2003 No Build**

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound		
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R
1	E Bush Lake Rd	78th St	Background	321	90	82	28	326	765	174	566	525	144	204	28
			Bldg I*	7	7	0	0	2	0	0	2	0	0	0	
			<b>Total</b>	<b>328</b>	<b>97</b>	<b>82</b>	<b>28</b>	<b>328</b>	<b>765</b>	<b>174</b>	<b>566</b>	<b>527</b>	<b>144</b>	<b>204</b>	<b>28</b>
5	84th St	E Bush Lake Rd	Background	61	38	72	302	61	403	103	837	76	93	906	70
			Bldg I*	0	0	0	0	0	0	0	0	0	0	25	0
			<b>Total</b>	<b>61</b>	<b>38</b>	<b>72</b>	<b>302</b>	<b>61</b>	<b>403</b>	<b>103</b>	<b>837</b>	<b>76</b>	<b>93</b>	<b>931</b>	<b>70</b>
7	84th St	Normandale Lake Blvd	Background	x	x	x	528	x	211	58	1,172	x	x	822	61
			Bldg I*	x	x	x	71	x	25	5	0	x	x	0	22
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>599</b>	<b>x</b>	<b>236</b>	<b>63</b>	<b>1,172</b>	<b>x</b>	<b>x</b>	<b>822</b>	<b>83</b>
8	84th St	Norman Center Dr	Background	x	x	x	660	x	179	71	1,706	x	x	650	91
			Bldg I*	x	x	x	103	x	0	0	106	x	x	22	22
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>763</b>	<b>x</b>	<b>179</b>	<b>71</b>	<b>1,812</b>	<b>x</b>	<b>x</b>	<b>672</b>	<b>113</b>
9	Normandale Blvd	84th St	Background	143	813	87	405	1,132	201	1,160	787	429	201	384	691
			Bldg I*	7	0	0	0	0	33	95	18	33	0	4	0
			<b>Total</b>	<b>150</b>	<b>813</b>	<b>87</b>	<b>405</b>	<b>1,132</b>	<b>234</b>	<b>1,255</b>	<b>805</b>	<b>462</b>	<b>201</b>	<b>388</b>	<b>691</b>
2	E Bush Lake Rd	WB I-494 Ramp(s)	Background	x	343	x	x	1,042	x	x	x	x	279	x	109
			Bldg I*	x	15	x	x	3	x	x	x	x	9	x	0
			<b>Total</b>	<b>x</b>	<b>358</b>	<b>x</b>	<b>x</b>	<b>1,045</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>288</b>	<b>x</b>	<b>109</b>
3	E Bush Lake Rd	EB I-494 Ramp(s)	Background	x	323	129	330	1,091	x	x	x	x	x	x	x
			Bldg I*	x	15	149	0	21	x	x	x	x	x	x	x
			<b>Total</b>	<b>x</b>	<b>338</b>	<b>278</b>	<b>330</b>	<b>1,112</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>
4	E Bush Lake Rd	Green Valley Dr	Background	x	357	22	278	1,176	x	x	x	x	46	x	175
			Bldg I*	x	0	0	21	0	x	x	x	x	0	x	163
			<b>Total</b>	<b>x</b>	<b>357</b>	<b>22</b>	<b>299</b>	<b>1,176</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>46</b>	<b>x</b>	<b>338</b>
11	Norman Center Dr	Bridge Rd/Driveway	Background	0	2	3	235	227	2	5	22	40	215	2	71
			Bldg I*	0	22	0	29	73	0	0	0	0	0	0	6
			<b>Total</b>	<b>0</b>	<b>24</b>	<b>3</b>	<b>264</b>	<b>300</b>	<b>2</b>	<b>5</b>	<b>22</b>	<b>40</b>	<b>215</b>	<b>2</b>	<b>77</b>
6	E Bush Lake Rd	Highwood Dr	Background	x	x	x	584	x	177	36	389	x	x	946	462
			Bldg I*	x	x	x	1	x	0	0	2	x	x	9	5
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>585</b>	<b>x</b>	<b>177</b>	<b>36</b>	<b>391</b>	<b>x</b>	<b>x</b>	<b>955</b>	<b>467</b>
10	Norman Center Dr	Normandale Lake Blvd	Background	86	x	38	x	x	x	x	223	35	21	122	x
			Bldg I*	0	8	0	8	40	x	x	0	0	0	2	x
			<b>Total</b>	<b>86</b>	<b>8</b>	<b>38</b>	<b>x</b>	<b>40</b>	<b>x</b>	<b>x</b>	<b>223</b>	<b>35</b>	<b>21</b>	<b>124</b>	<b>x</b>

\*Source: 1999 Norman Center Redevelopment EAW.

## P.M. PEAK HOUR TURNING MOVEMENTS

### Duke Norman Pointe EIS

#### Scenario 3 - 2003 Building II with No Network Changes

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound		
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R
1	E Bush Lake Rd	78th St	Scen 2	328	97	82	28	328	765	174	566	527	144	204	28
			Bldg II	7	7	0	0	1	0	0	0	1	0	0	0
			<b>Total</b>	<b>335</b>	<b>104</b>	<b>82</b>	<b>28</b>	<b>329</b>	<b>765</b>	<b>174</b>	<b>566</b>	<b>528</b>	<b>144</b>	<b>204</b>	<b>28</b>
5	84th St	E Bush Lake Rd	Scen 2	61	38	72	302	61	403	103	837	76	93	931	70
			Bldg II	0	0	1	0	0	11	2	2	0	4	11	0
			<b>Total</b>	<b>61</b>	<b>38</b>	<b>73</b>	<b>302</b>	<b>61</b>	<b>414</b>	<b>105</b>	<b>839</b>	<b>76</b>	<b>97</b>	<b>942</b>	<b>70</b>
7	84th St	Normandale Lake Blvd	Scen 2	x	x	x	599	x	236	63	1,172	x	x	822	83
			Bldg II	x	x	x	106	x	13	3	0	x	x	1	21
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>705</b>	<b>x</b>	<b>249</b>	<b>66</b>	<b>1,172</b>	<b>x</b>	<b>x</b>	<b>823</b>	<b>104</b>
8	84th St	Norman Center Dr	Scen 2	x	x	x	763	x	179	71	1,812	x	x	672	113
			Bldg II	x	x	x	97	x	1	0	106	x	x	21	20
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>860</b>	<b>x</b>	<b>180</b>	<b>71</b>	<b>1,918</b>	<b>x</b>	<b>x</b>	<b>693</b>	<b>133</b>
9	Normandale Blvd	84th St	Scen 2	150	813	87	405	1,132	234	1,255	805	462	201	388	691
			Bldg II	6	0	0	0	0	31	154	18	32	0	4	0
			<b>Total</b>	<b>156</b>	<b>813</b>	<b>87</b>	<b>405</b>	<b>1,132</b>	<b>265</b>	<b>1,409</b>	<b>823</b>	<b>494</b>	<b>201</b>	<b>392</b>	<b>691</b>
2	E Bush Lake Rd	WB I-494 Ramp(s)	Scen 2	x	358	x	x	1,045	x	x	x	x	288	x	109
			Bldg II	x	14	x	x	3	x	x	x	x	16	x	0
			<b>Total</b>	<b>x</b>	<b>372</b>	<b>x</b>	<b>x</b>	<b>1,048</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>304</b>	<b>x</b>	<b>109</b>
3	E Bush Lake Rd	EB I-494 Ramp(s)	Scen 2	x	338	278	330	1,112	x	x	x	x	x	x	x
			Bldg II	x	14	81	0	19	x	x	x	x	x	x	x
			<b>Total</b>	<b>x</b>	<b>352</b>	<b>359</b>	<b>330</b>	<b>1,131</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>
4	E Bush Lake Rd	Green Valley Dr	Scen 2	x	357	22	299	1,176	x	x	x	x	46	x	338
			Bldg II	x	0	2	19	0	x	x	x	x	11	x	95
			<b>Total</b>	<b>x</b>	<b>357</b>	<b>24</b>	<b>318</b>	<b>1,176</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>57</b>	<b>x</b>	<b>433</b>
11	Norman Center Dr	Bridge Rd/Driveway	Scen 2	0	24	3	264	300	2	5	22	40	215	2	77
			Bldg II	0	0	20	0	0	0	0	7	0	98	1	0
			<b>Total</b>	<b>0</b>	<b>24</b>	<b>23</b>	<b>264</b>	<b>300</b>	<b>2</b>	<b>5</b>	<b>29</b>	<b>40</b>	<b>313</b>	<b>3</b>	<b>77</b>
6	E Bush Lake Rd	Highwood Dr	Scen 2	x	x	x	585	x	177	36	391	x	x	955	467
			Bldg II	x	x	x	0	x	0	0	4	x	x	21	0
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>585</b>	<b>x</b>	<b>177</b>	<b>36</b>	<b>395</b>	<b>x</b>	<b>x</b>	<b>976</b>	<b>467</b>
10	Norman Center Dr	Normandale Lake Blvd	Scen 2	86	8	38	0	40	x	x	223	35	21	124	0
			Bldg II	0	24	0	7	119	x	x	0	0	0	0	1
			<b>Total</b>	<b>86</b>	<b>32</b>	<b>38</b>	<b>7</b>	<b>159</b>	<b>x</b>	<b>x</b>	<b>223</b>	<b>35</b>	<b>21</b>	<b>124</b>	<b>1</b>

**P.M. PEAK HOUR TURNING MOVEMENTS**

**Duke Norman Pointe EIS**

**Scenario 4 - 2003 Buildings II & III with No Network Changes**

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound		
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R
1	E Bush Lake Rd	78th St	Scen 2	335	104	82	28	329	765	174	566	528	144	204	28
			Bldg III	7	7	0	0	1	0	0	1	0	0	0	
			<b>Total</b>	<b>342</b>	<b>111</b>	<b>82</b>	<b>28</b>	<b>330</b>	<b>765</b>	<b>174</b>	<b>566</b>	<b>529</b>	<b>144</b>	<b>204</b>	<b>28</b>
5	84th St	E Bush Lake Rd	Scen 2	61	38	73	302	61	414	105	839	76	97	942	70
			Bldg III	0	0	1	0	0	11	2	2	0	4	11	0
			<b>Total</b>	<b>61</b>	<b>38</b>	<b>74</b>	<b>302</b>	<b>61</b>	<b>425</b>	<b>107</b>	<b>841</b>	<b>76</b>	<b>101</b>	<b>953</b>	<b>70</b>
7	84th St	Normandale Lake Blvd	Scen 2	x	x	x	705	x	249	66	1,172	x	x	823	104
			Bldg III	x	x	x	106	x	13	3	0	x	x	1	21
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>811</b>	<b>x</b>	<b>262</b>	<b>69</b>	<b>1,172</b>	<b>x</b>	<b>x</b>	<b>824</b>	<b>125</b>
8	84th St	Norman Center Dr	Scen 2	x	x	x	860	x	180	71	1,918	x	x	693	133
			Bldg III	x	x	x	97	x	1	0	106	x	x	21	20
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>957</b>	<b>x</b>	<b>181</b>	<b>71</b>	<b>2,024</b>	<b>x</b>	<b>x</b>	<b>714</b>	<b>153</b>
9	Normandale Blvd	84th St	Scen 2	156	813	87	405	1,132	265	1,409	823	494	201	392	691
			Bldg III	6	0	0	0	0	31	154	18	32	0	4	0
			<b>Total</b>	<b>162</b>	<b>813</b>	<b>87</b>	<b>405</b>	<b>1,132</b>	<b>296</b>	<b>1,563</b>	<b>841</b>	<b>526</b>	<b>201</b>	<b>396</b>	<b>691</b>
2	E Bush Lake Rd	WB I-494 Ramp(s)	Scen 2	x	372	x	x	1,048	x	x	x	x	304	x	109
			Bldg III	x	14	x	x	3	x	x	x	x	16	x	0
			<b>Total</b>	<b>x</b>	<b>386</b>	<b>x</b>	<b>x</b>	<b>1,051</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>320</b>	<b>x</b>	<b>109</b>
3	E Bush Lake Rd	EB I-494 Ramp(s)	Scen 2	x	352	359	330	1,131	x	x	x	x	x	x	x
			Bldg III	x	14	81	0	19	x	x	x	x	x	x	x
			<b>Total</b>	<b>x</b>	<b>366</b>	<b>440</b>	<b>330</b>	<b>1,150</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>
4	E Bush Lake Rd	Green Valley Dr	Scen 2	x	357	24	318	1,176	x	x	x	x	57	x	433
			Bldg III	x	0	2	19	0	x	x	x	x	11	x	95
			<b>Total</b>	<b>x</b>	<b>357</b>	<b>26</b>	<b>337</b>	<b>1,176</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>68</b>	<b>x</b>	<b>528</b>
11	Norman Center Dr	Bridge Rd/Driveway	Scen 2	0	24	23	264	300	2	5	29	40	313	3	77
			Bldg III	0	0	20	0	0	0	0	7	0	98	1	0
			<b>Total</b>	<b>0</b>	<b>24</b>	<b>43</b>	<b>264</b>	<b>300</b>	<b>2</b>	<b>5</b>	<b>36</b>	<b>40</b>	<b>411</b>	<b>4</b>	<b>77</b>
6	E Bush Lake Rd	Highwood Dr	Scen 2	x	x	x	585	x	177	36	395	x	x	976	467
			Bldg III	x	x	x	0	x	0	0	4	x	x	21	0
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>585</b>	<b>x</b>	<b>177</b>	<b>36</b>	<b>399</b>	<b>x</b>	<b>x</b>	<b>997</b>	<b>467</b>
10	Norman Center Dr	Normandale Lake Blvd	Scen 2	86	32	38	7	159	x	x	223	35	21	124	1
			Bldg III	0	24	0	7	119	x	x	0	0	0	0	1
			<b>Total</b>	<b>86</b>	<b>56</b>	<b>38</b>	<b>14</b>	<b>278</b>	<b>x</b>	<b>x</b>	<b>223</b>	<b>35</b>	<b>21</b>	<b>124</b>	<b>2</b>

## P.M. PEAK HOUR TURNING MOVEMENTS

### Duke Norman Pointe EIS

#### Scenario 5 - 2005 Buildings II & III with I-494/E Bush Lake Rd Improvements

*Note: Use same background volumes for Scenarios 7 and 8.*

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound		
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R
1	E Bush Lake Rd	78th St	Background	341	95	87	30	345	811	184	601	556	153	217	30
			Bldg I, II + III	18	18	0	0	4	0	0	0	4	0	0	0
			<b>Total</b>	<b>359</b>	<b>113</b>	<b>87</b>	<b>30</b>	<b>349</b>	<b>811</b>	<b>184</b>	<b>601</b>	<b>560</b>	<b>153</b>	<b>217</b>	<b>30</b>
5	84th St	E Bush Lake Rd	Background	65	45	73	338	69	465	160	837	81	95	924	77
			Bldg I, II + III	0	0	2	0	1	17	3	8	0	8	38	0
			<b>Total</b>	<b>65</b>	<b>45</b>	<b>75</b>	<b>338</b>	<b>70</b>	<b>482</b>	<b>163</b>	<b>845</b>	<b>81</b>	<b>103</b>	<b>962</b>	<b>77</b>
7	84th St	Normandale Lake Blvd	Background	x	x	x	526	x	258	65	1,170	x	x	916	61
			Bldg I, II + III	x	x	x	213	x	39	8	1	x	x	7	42
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>739</b>	<b>x</b>	<b>297</b>	<b>73</b>	<b>1,171</b>	<b>x</b>	<b>x</b>	<b>923</b>	<b>103</b>
8	84th St	Norman Center Dr	Background	x	x	x	658	x	232	81	1,736	x	x	734	90
			Bldg I, II + III	x	x	x	144	x	7	1	342	x	x	43	29
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>802</b>	<b>x</b>	<b>239</b>	<b>82</b>	<b>2,078</b>	<b>x</b>	<b>x</b>	<b>777</b>	<b>119</b>
9	Normandale Blvd	84th St	Background	204	810	93	404	1,129	200	1,157	861	528	213	451	689
			Bldg I, II + III	17	0	0	0	0	46	229	46	82	0	9	0
			<b>Total</b>	<b>221</b>	<b>810</b>	<b>93</b>	<b>404</b>	<b>1,129</b>	<b>246</b>	<b>1,386</b>	<b>907</b>	<b>610</b>	<b>213</b>	<b>460</b>	<b>689</b>
2	E Bush Lake Rd	WB I-494 Ramp(s)	Background	58	377	x	x	1,080	26	x	x	x	296	x	116
			Bldg I, II + III	173	37	x	x	7	0	x	x	x	26	x	0
			<b>Total</b>	<b>231</b>	<b>414</b>	<b>x</b>	<b>x</b>	<b>1,087</b>	<b>26</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>322</b>	<b>x</b>	<b>116</b>
3	E Bush Lake Rd	EB I-494 Ramp(s)	Background	x	374	137	350	1,131	x	x	x	x	59	x	13
			Bldg I, II + III	x	209	210	0	34	x	x	x	x	51	x	0
			<b>Total</b>	<b>x</b>	<b>583</b>	<b>347</b>	<b>350</b>	<b>1,165</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>110</b>	<b>x</b>	<b>13</b>
4	E Bush Lake Rd	Green Valley Dr	Background	x	511	23	320	1,306	x	x	x	x	49	x	202
			Bldg I, II + III	x	0	4	85	0	x	x	x	x	18	x	420
			<b>Total</b>	<b>x</b>	<b>511</b>	<b>27</b>	<b>405</b>	<b>1,306</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>67</b>	<b>x</b>	<b>622</b>
11	Norman Center Dr	Bridge Rd/Driveway	Background	0	2	3	249	241	2	6	23	43	228	2	75
			Bldg I, II + III	17	0	14	0	0	0	0	0	0	11	0	4
			<b>Total</b>	<b>17</b>	<b>2</b>	<b>17</b>	<b>249</b>	<b>241</b>	<b>2</b>	<b>6</b>	<b>23</b>	<b>43</b>	<b>239</b>	<b>2</b>	<b>79</b>
6	E Bush Lake Rd	Highwood Dr	Background	x	x	x	619	x	188	38	413	x	x	1,004	490
			Bldg I, II + III	x	x	x	0	x	0	0	11	x	x	55	0
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>619</b>	<b>x</b>	<b>188</b>	<b>38</b>	<b>424</b>	<b>x</b>	<b>x</b>	<b>1,059</b>	<b>490</b>
10	Norman Center Dr	Normandale Lake Blvd	Background	92	x	41	x	x	x	x	236	37	22	130	x
			Bldg I, II + III	0	51	0	127	252	147	30	0	0	0	0	26
			<b>Total</b>	<b>92</b>	<b>51</b>	<b>41</b>	<b>127</b>	<b>252</b>	<b>147</b>	<b>30</b>	<b>236</b>	<b>37</b>	<b>22</b>	<b>130</b>	<b>26</b>

**P.M. PEAK HOUR TURNING MOVEMENTS**

**Duke Norman Pointe EIS**

**Scenario 6 - 2005 Buildings II & III with Normandale Blvd/84th St Single Point Interchange**

*Note: Only change is background growth.*

	Intersection		Type of Traffic	Northbound			Southbound			Eastbound			Westbound		
	Major Street	Minor Street		L	T	R	L	T	R	L	T	R	L	T	R
1	E Bush Lake Rd	78th St	Background Bldg I, II + III <b>Total</b>	341 21 <b>362</b>	95 21 <b>116</b>	87 0 <b>87</b>	30 0 <b>30</b>	346 4 <b>350</b>	812 0 <b>812</b>	185 0 <b>185</b>	600 0 <b>600</b>	557 4 <b>561</b>	153 0 <b>153</b>	216 0 <b>216</b>	30 0 <b>30</b>
5	84th St	E Bush Lake Rd	Background Bldg I, II + III <b>Total</b>	65 0 <b>65</b>	40 0 <b>40</b>	76 2 <b>78</b>	320 0 <b>320</b>	65 0 <b>65</b>	428 22 <b>450</b>	109 4 <b>113</b>	888 4 <b>892</b>	81 0 <b>81</b>	99 8 <b>107</b>	961 47 <b>1,008</b>	74 0 <b>74</b>
7	84th St	Normandale Lake Blvd	Background Bldg I, II + III <b>Total</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	560 283 <b>843</b>	x x <b>x</b>	224 51 <b>275</b>	62 11 <b>73</b>	1,243 0 <b>1,243</b>	x x <b>x</b>	x x <b>x</b>	872 2 <b>874</b>	65 64 <b>129</b>
8	84th St	Norman Center Dr	Background Bldg I, II + III <b>Total</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	700 297 <b>997</b>	x x <b>x</b>	190 2 <b>192</b>	75 0 <b>75</b>	1,810 318 <b>2,128</b>	x x <b>x</b>	x x <b>x</b>	690 64 <b>754</b>	97 62 <b>159</b>
9	Normandale Blvd	84th St	Background Bldg I, II + III <b>Total</b>	152 19 <b>171</b>	863 0 <b>863</b>	92 0 <b>92</b>	430 0 <b>430</b>	1,201 0 <b>1,201</b>	213 95 <b>308</b>	1,231 403 <b>1,634</b>	835 54 <b>889</b>	455 97 <b>552</b>	213 0 <b>213</b>	407 12 <b>419</b>	733 0 <b>733</b>
2	E Bush Lake Rd	WB I-494 Ramp(s)	Background Bldg I, II + III <b>Total</b>	x x <b>x</b>	364 43 <b>407</b>	x x <b>x</b>	x x <b>x</b>	1,105 9 <b>1,114</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	296 41 <b>337</b>	x x <b>x</b>	116 0 <b>116</b>
3	E Bush Lake Rd	EB I-494 Ramp(s)	Background Bldg I, II + III <b>Total</b>	x x <b>x</b>	343 43 <b>386</b>	137 311 <b>448</b>	350 0 <b>350</b>	1,157 59 <b>1,216</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>
4	E Bush Lake Rd	Green Valley Dr	Background Bldg I, II + III <b>Total</b>	x x <b>x</b>	379 0 <b>379</b>	23 4 <b>27</b>	295 59 <b>354</b>	1,248 0 <b>1,248</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	49 22 <b>71</b>	x x <b>x</b>	186 353 <b>539</b>
11	Norman Center Dr	Bridge Rd/Driveway	Background Bldg I, II + III <b>Total</b>	0 0 <b>0</b>	2 22 <b>24</b>	3 40 <b>43</b>	249 29 <b>278</b>	241 73 <b>314</b>	2 0 <b>2</b>	5 0 <b>5</b>	23 14 <b>37</b>	42 0 <b>42</b>	228 196 <b>424</b>	2 2 <b>4</b>	75 6 <b>81</b>
6	E Bush Lake Rd	Highwood Dr	Background Bldg I, II + III <b>Total</b>	x x <b>x</b>	x x <b>x</b>	x x <b>x</b>	620 1 <b>621</b>	x x <b>x</b>	188 0 <b>188</b>	38 0 <b>38</b>	413 10 <b>423</b>	x x <b>x</b>	x x <b>x</b>	1,004 51 <b>1,055</b>	490 5 <b>495</b>
10	Norman Center Dr	Normandale Lake Blvd	Background Bldg I, II + III <b>Total</b>	91 0 <b>91</b>	x 56 <b>56</b>	40 0 <b>40</b>	x 22 <b>22</b>	x 278 <b>278</b>	x x <b>x</b>	x x <b>x</b>	237 0 <b>237</b>	37 0 <b>37</b>	22 0 <b>22</b>	129 2 <b>131</b>	x 2 <b>2</b>

**P.M. PEAK HOUR TURNING MOVEMENTS**

**Duke Norman Pointe EIS**

**Scenarios 7 & 8 - Full Development with I-494/E Bush Lake Rd Improvements (and 84th/Normandale SPI for Scenario 8)**

Major Street	Intersection Minor Street	Type of Traffic	Northbound			Southbound			Eastbound			Westbound			
			L	T	R	L	T	R	L	T	R	L	T	R	
1	E Bush Lake Rd	78th St	Scen 5	359	113	87	30	349	811	184	601	560	153	217	30
			Bldg IV+Hotel	10	10	0	0	3	0	0	0	3	0	0	0
			<b>Total</b>	<b>369</b>	<b>123</b>	<b>87</b>	<b>30</b>	<b>352</b>	<b>811</b>	<b>184</b>	<b>601</b>	<b>563</b>	<b>153</b>	<b>217</b>	<b>30</b>
5	84th St	E Bush Lake Rd	Scen 5	65	45	75	338	70	482	163	845	81	103	962	77
			Bldg IV+Hotel	0	0	0	0	2	15	4	4	0	2	15	0
			<b>Total</b>	<b>65</b>	<b>45</b>	<b>75</b>	<b>338</b>	<b>72</b>	<b>497</b>	<b>167</b>	<b>849</b>	<b>81</b>	<b>105</b>	<b>977</b>	<b>77</b>
7	84th St	Normandale Lake Blvd	Scen 5	x	x	x	739	x	297	73	1,171	x	x	923	103
			Bldg IV+Hotel	x	x	x	98	x	18	5	0	x	x	0	33
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>837</b>	<b>x</b>	<b>315</b>	<b>78</b>	<b>1,171</b>	<b>x</b>	<b>x</b>	<b>923</b>	<b>136</b>
8	84th St	Norman Center Dr	Scen 5	x	x	x	802	x	239	82	2,078	x	x	777	119
			Bldg IV+Hotel	x	x	x	54	x	0	0	98	x	x	33	13
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>856</b>	<b>x</b>	<b>239</b>	<b>82</b>	<b>2,176</b>	<b>x</b>	<b>x</b>	<b>810</b>	<b>132</b>
9	Normandale Blvd	84th St	Scen 5	221	810	93	404	1,129	246	1,386	907	610	213	460	689
			Bldg IV+Hotel	12	0	0	0	0	26	81	25	46	0	7	0
			<b>Total</b>	<b>233</b>	<b>810</b>	<b>93</b>	<b>404</b>	<b>1,129</b>	<b>272</b>	<b>1,467</b>	<b>932</b>	<b>656</b>	<b>213</b>	<b>467</b>	<b>689</b>
2	E Bush Lake Rd	WB I-494 Ramp(s)	Scen 5	231	414	x	x	1,087	26	x	x	x	322	x	116
			Bldg IV+Hotel	96	21	x	x	6	0	x	x	x	31	x	0
			<b>Total</b>	<b>327</b>	<b>435</b>	<b>x</b>	<b>x</b>	<b>1,093</b>	<b>26</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>353</b>	<b>x</b>	<b>116</b>
3	E Bush Lake Rd	EB I-494 Ramp(s)	Scen 5	x	583	347	350	1,165	x	x	x	x	110	x	13
			Bldg IV+Hotel	x	117	164	0	37	x	x	x	x	38	x	0
			<b>Total</b>	<b>x</b>	<b>700</b>	<b>511</b>	<b>350</b>	<b>1,202</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>148</b>	<b>x</b>	<b>13</b>
4	E Bush Lake Rd	Green Valley Dr	Scen 5	x	511	27	405	1,306	x	x	x	x	67	x	622
			Bldg IV+Hotel	x	0	4	75	0	x	x	x	x	17	x	280
			<b>Total</b>	<b>x</b>	<b>511</b>	<b>31</b>	<b>480</b>	<b>1,306</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>84</b>	<b>x</b>	<b>902</b>
11	Norman Center Dr	Bridge Rd/Driveway	Scen 5	17	2	17	249	241	2	6	23	43	239	2	79
			Bldg IV+Hotel	13	0	0	0	93	0	0	0	0	0	0	10
			<b>Total</b>	<b>30</b>	<b>2</b>	<b>17</b>	<b>249</b>	<b>334</b>	<b>2</b>	<b>6</b>	<b>23</b>	<b>43</b>	<b>239</b>	<b>2</b>	<b>89</b>
6	E Bush Lake Rd	Highwood Dr	Scen 5	x	x	x	619	x	188	38	424	x	x	1,059	490
			Bldg IV+Hotel	x	x	x	0	x	0	0	9	x	x	31	0
			<b>Total</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>619</b>	<b>x</b>	<b>188</b>	<b>38</b>	<b>433</b>	<b>x</b>	<b>x</b>	<b>1,090</b>	<b>490</b>
10	Norman Center Dr	Normandale Lake Blvd	Scen 5	92	51	41	127	252	147	30	236	37	22	130	26
			Bldg IV+Hotel	20	17	0	5	16	0	0	89	100	0	18	5
			<b>Total</b>	<b>112</b>	<b>68</b>	<b>41</b>	<b>132</b>	<b>268</b>	<b>147</b>	<b>30</b>	<b>325</b>	<b>137</b>	<b>22</b>	<b>148</b>	<b>31</b>