

Attachment I  
NCTA Transaction Projections  
by Project

Transactions (in Thousands) by Project																
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Triangle Expressway*	Total	38,727	41,895	45,036	48,465	52,211	56,002	59,843	64,038	68,621	73,631	77,050	78,705	80,462	82,324	84,291
	ETC	23,236	25,436	27,665	30,118	32,818	35,601	38,471	41,625	45,094	48,912	51,734	53,407	55,174	57,039	59,004
	Video	15,491	16,459	17,371	18,347	19,393	20,401	21,373	22,413	23,527	24,719	25,316	25,298	25,288	25,285	25,287
Old Holly Springs Apex Road Interchange*	Total		2,866	4,176	5,280	6,474	7,666	8,232	8,180	8,318	8,708	9,454	9,402	8,558	8,101	7,975
	ETC		1,740	2,565	3,281	4,069	4,873	5,292	5,317	5,466	5,785	6,348	6,380	5,868	5,613	5,583
	Video		1,126	1,611	1,999	2,405	2,793	2,940	2,863	2,852	2,923	3,106	3,022	2,690	2,488	2,393
US 74 Express Lanes Phase I**	Total			742	882	1,033	1,140	1,196	1,254	1,316	1,380	1,448	1,519	1,572	1,627	1,683
	ETC			322	397	482	551	598	648	702	759	811	866	912	960	1,010
	Video			420	485	551	589	598	606	614	621	637	653	660	667	673
I-77 Express Lanes	Total			10,010	10,307	10,612	10,917	11,223	11,528	11,833	12,138	12,443	12,748	13,052	13,355	13,658
	ETC			5,005	6,184	7,428	8,734	8,978	9,222	9,467	9,711	9,955	10,198	10,442	10,684	10,927
	Video			5,005	4,123	3,184	2,183	2,245	2,306	2,367	2,428	2,489	2,550	2,610	2,671	2,732
Monroe Expressway*	Total			18,120	48,144	60,454	69,144	71,773	73,622	75,469	77,324	79,292	81,368	83,564	85,677	
	ETC			11,260	30,262	38,431	44,450	46,652	48,380	50,133	51,918	53,805	55,795	57,898	59,974	
	Video			6,860	17,882	22,023	24,694	25,121	25,242	25,336	25,406	25,487	25,573	25,666	25,703	
Morrisville Parkway Interchange*	Total			849	1,036	1,299	1,558	1,792	2,297	3,108	4,027	5,057	6,218	6,682	6,339	
	ETC			528	651	826	1,002	1,165	1,509	2,065	2,704	3,432	4,264	4,630	4,437	
	Video			321	385	473	556	627	788	1,043	1,323	1,625	1,954	2,052	1,902	
I-485 Express Lanes**	Total				4,297	5,879	6,781	7,720	7,906	8,092	8,278	8,464	8,650	8,836	9,022	
	ETC				2,005	2,842	3,391	3,989	4,217	4,451	4,636	4,824	5,017	5,213	5,413	
	Video				2,292	3,037	3,391	3,731	3,689	3,641	3,642	3,640	3,633	3,623	3,609	
Complete 540*	Total					10,744	14,817	18,024	19,867	20,812	21,811	22,868	23,986	25,171	26,426	
	ETC					6,830	9,525	11,716	13,055	13,825	14,645	15,518	16,448	17,440	18,498	
	Video					3,914	5,292	6,308	6,812	6,987	7,166	7,350	7,538	7,731	7,928	
Mid-Currituck Bridge***	Total							771	1,090	1,229	1,335	1,380	1,427	1,476	1,526	
	ETC							398	581	676	748	787	828	871	916	
	Video							373	509	553	587	593	599	605	610	
Total	Total	38,727	44,761	59,964	83,903	123,807	154,101	172,794	185,080	194,870	204,567	213,170	219,435	225,293	231,136	236,597
	ETC	23,236	27,176	35,557	51,767	77,716	98,689	111,706	120,731	128,472	136,316	143,496	149,216	154,747	160,347	165,761
	Video	15,491	17,585	24,407	32,136	46,091	55,412	61,089	64,349	66,399	68,252	69,675	70,219	70,546	70,789	70,837

Source Data			
Report Title	Scenario	Developed by	Date
Triangle Expressway Comprehensive Traffic and Revenue Study	Triangle Expressway	CDM Smith	Apr-09
Analysis of Morrisville Parkway and Old Holly Springs Apex Road Interchanges	Apex Interchange Scenario	CDM Smith	Sep-13
U-5526 US 74 Express Lanes Final Level I Traffic and Revenue Study	Concept 1B: HOV 3+ Free, Full Connection	Stantec	Jun-15
Provided by I-77 mobility partners			
Traffic and Revenue Impacts Mainline-Only Tolling and Removal of Forest Hill School Road Interchange from the Monroe Connector / Analysis of Morrisville Parkway and Old Holly Springs Apex Road Interchanges	Combined Effects of Mainline-Only Tolling and Removal of Forest Hill School Road Interchange from the Monroe Connector / Morrisville Parkway Scenario	CDM Smith	Dec-11
Draft data from I-5507 (I-485 Express Lanes) Level II Study	More Cost Effective Scenario - Alt 2C	Stantec	Oct-15
Sketch Level Traffic and Revenue Study Raleigh Loop	Triangle Expressway, Southern Wake and Eastern Wake Tolloed	CDM Smith	Feb-08
Mid-Currituck Bridge Lenders' Traffic Consultant Report	Lenders' Base Case	Steer Davies Gleave	Nov-11

**General Assumptions:**  
 Transactions are shown during the first full year of operations  
 ETC percentage for expressway projects are assumed to be 60% in 2016 and 70% by 2030 (\*)  
 ETC percentage for express lane projects are assumed to be 40% in 2016, 55% in 2025, and 60% by 2030 (\*\*)  
 ETC percentage for toll bridge project are assumed to be 40% in 2016, 55% in 2025, and 60% by 2030 (\*\*\*)

60.0%	60.7%	61.4%	62.1%	62.9%	63.6%	64.3%	65.0%	65.7%	66.4%	67.1%	67.9%	68.6%	69.3%	70.0%
			62.1%	62.9%	63.6%	64.3%	65.0%	65.7%	66.4%	67.1%	67.9%	68.6%	69.3%	70.0%