











I-95 NB Before	3 & SB Totals	I-95 NB & Workzon	SB Totals ne Data	I-95 NB After T	& SB otals	85th Percentile of Before and Afte
Total Obs	6045	Total Obs	1957	Total Obs	4707	nearly the same – expected after
Speed Limit	70	Speed Limit	55	Speed Limit	70	increase due to smoother roadwa
Average	72.63	Average	54.65	Average	72.12	
50th Percentile	72.30	50th Percentile	54.07	50th Percentile	71.73	Average and 50th Percentile of
85th Percentile	76.90	85th Percentile	58.98	85th Percentile	76.50	Workzone speed under speed lin means compliance achieved
Stnd Dev	4.88	Stnd Dev	5.33	Stnd Dev	4.84	
Variance	23.98	Variance	31.97	Variance	23.44	
PACE Sp	eed Calc	PACE Sp	eed Calc	PACE Spo	eed Calc	Pace Speeds contain 70% of
Low Pace	69	Low Pace	50	Low Pace	68	vehicles = enhanced safety
High Pace	78	High Pace	59	High Pace	77	based on commonly accepted
Vehicle %	70.48	Vehicle %	73.94	Vehicle %	69.98	engineering practices

Percenta	ge of '	Vehicle	s Exco	eeding	Spe	eed Limit
	Before	During Downstream	During Workzone	During Upstream	After	
Speed Limit	70	70	55	65	70	
Total Obs	6045	1842	1957	2260	4707	 Highest speed compliance in
Above Limit	4580	1277	817	1812	3033	workzone
% Exceeding	75.77%	69.33%	41.74%	80.18%	64.44%	Similar speed distribution, peak
1-95 CMS Before Perio	d Speed Distrib		I-95 CMS Workzo	one Speed Distribut	ion	
200 100 -30 -20 -10 (Observed Speed r	0 10 2 minus Speed Limit	500 400 500 500 500 500 500 500	20 .10 Cizered Sp		20 30	I-95 CMS After Period Speed Distribution



Progression Analysis

S	SB During Progression Analysis					
	Upstream	Workzone	Downstream			
Speed Limit	65	55	70			
Total Obs	1524	1226	1042			
Average	69.92	55.11	72.9			
85th	73.98	59.31	76.78			
% Exceeding	82.61%	43.47%	71.11%			

SB Progression: A-B-C

% reduced by nearly half coming into the workzone

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NB Progression: C-B-A

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Significant reduction into workzone, reduced % upstream compared to SB analysis

	Downstream	Workzone	Upstream
Speed Limit	70	55	65
Total Obs	800	731	736
Average	72.42	53.71	68.73
85th	76.60	58.34	73.03
% Exceeding <	66.75%	38.85%	75.00%



