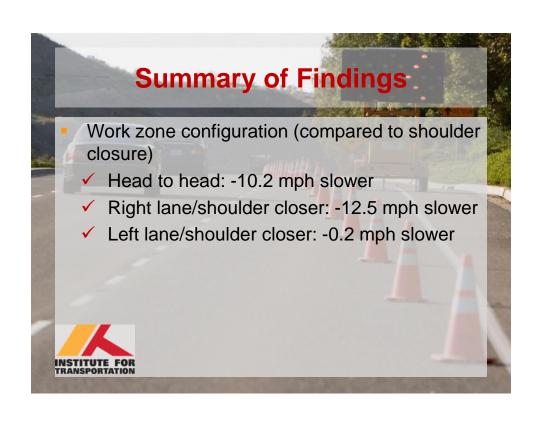
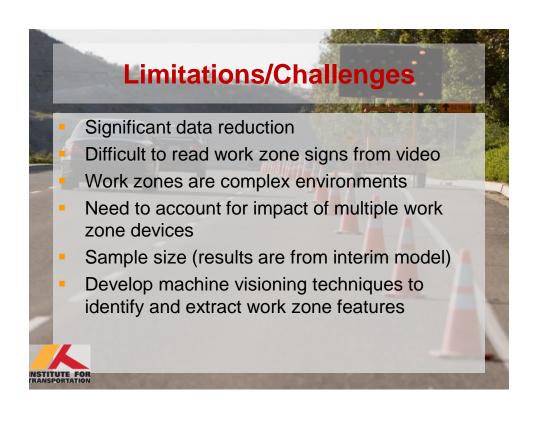


	Description of variables	Estimate	Std Err	T value	p value
	•	28.681	1.185	24.212	0.000
6	1 driver age	-0.049	0.019	-2.636	0.008
S	igns within legibility distance				
	3 first WZ sign	0.533	0.106	5.030	0.000
i i	4 lane merge sign	-1.546	0.112	-13.816	0.000
6	5 WZ speed limit sign	-0.192	0.059	-3.247	0.001
6	6 VMS	-0.887	0.152	-5.824	0.000
6	7 static WZ sign	-0.510	0.072	-7.096	0.000
	8 start of WZ	-0.188	0.492	-0.382	0.703
1	ype of median prior to work zone				
	13 concrete median	2.827	0.034	82.970	0.000
6	14 depressed median	0.106	0.033	3.199	0.001
6	15 guard rail	-1.042	0.197	-5.278	0.000
	Vork zone configuration				
	16 head to head	-2.072	0.081	-25.732	0.000
8	17 right shoulder closure	2.121	0.117	18.121	0.000
6	18 left shoulder closure	2.892	0.093	31.021	0.000
6	19 right lane/shoulder closure	-3.063	0.069	-44.266	0.000
	20 left lane/shoulder closure	-0.151	0.059	-2.541	0.011
(hannelizing devices				
	21 cones	-3.284	0.168	-19.578	0.000
	22 concrete & cones	-4.609	0.320	-14.405	0.000
	23 guardrail & concrete	-7.629	0.153	-49.978	0.000
	24 barrels	-3.591	0.050	-72.176	0.000
	25 vertical panels	-4.101	0.072	-56.918	0.000
	26 channelizing concrete barrier	-4.563	0.069	-66.272	0.000
	27 concrete barrier and barrels	-4.184	0.137	-30.495	0.000
	onstruction equipment				
	28 equipment	-1.227	0.268	-4.572	0.000
	istraction/glance location	1.22	0.200	11072	01000
	30 forward glance	-0.263	0.025	-10.681	0.000
	31 cell phone	0.307	0.120	2.554	0.011
	32 in-vehicle controls/moving or dropp		0.175	-6.897	0.000
	33 eating/smoking/personal hygiene	-4.193	0.130	-32.349	0.000
	34 interacting with passenger	-0.552	0.142	-3.883	0.000
	ocation	0.002	0.142	0.000	0.000
	35 -500 m	-0.915	0.517	-1.769	0.077
	36 -400 m	-1.167	0.516	-2.263	0.024
	37 -300 m	-1.565	0.517	-3.007	0.003
	38 -200 m	-1.955	0.517	-3.780	0.000
	39 -100 m	-2.191	0.517	-4.238	0.000
β40		-2.191	0.461	-5.572	0.000
	40 100 m	-2.300	0.401	-6.533	0.000
IN .	41 200 m	-3.589	0.516	-6.961	0.000
	42 300 m	-3.833	0.516	-7.434	0.000
	44 500 m	-4.340	0.516	-8.416	0.000

Signing No impact of first work zone sign 2.0 mph for VMS Decrease at static lane merge (-3.5 mph) Driver Characteristics Speed negatively correlated with age -0.6 mph lower when driver glance is on roadway task 0.7 m/s higher when interacting with cell phone Lower for other types of distraction (interacting with in-vehicle controls, eating/smoking, interacting with passenger



Summary of Findings Channelizing device (compared to cones) Concrete + cones: -3.0 mph Barrels: -0.7 mph Vertical panels: -1.8 mph Concrete barrier + barrels: -2.0 mph Location 66.0 64.0 Begins to decrease 62.0 ~500 m upstream 60.0 58.0 Levels out ~500 m 56.0 downstream start of work 54.0 52.0 zone 50.0 48.0 -600 -500 -400 -300 -200 -100 100 200 300 400 500



Next Steps - Significant data reduction - Need to account for impact of multiple work zone devices - Sample size (results are from interim model) - Develop models for additional work zone types - 2-lane - Multi-lane