I-35 Connected Work Zone



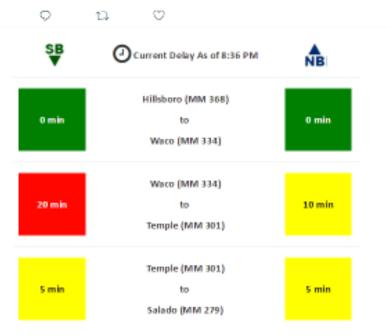
I-35 Expansion in Waco



Hillsboro.

*Salado





Waxahachie | 1-35 E SB@US-287 | Various lanes closed tonight 8PM to 6AM i35-

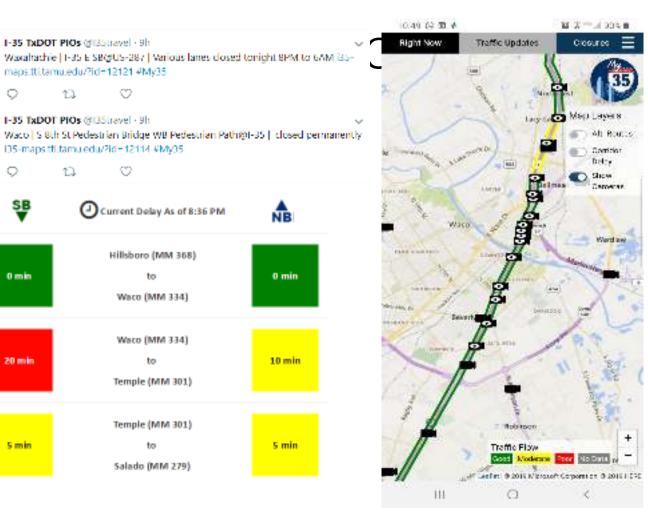
1-35 TxDOT PIOs @I35travel - 9h

13

I-35 TxDOT PIOs @I35travel - 9h

135-maps.ttl.tamu.edu/?id=12114 #My35

maps.tti.tamu.edu/?id=12121.#My35





LISTING COVERS 7AM FRIDAY, NOVEMBER 24 THROUGH 7AM FRIDAY, DECEMBER 1

This listing is subject to change due to inclement weather or other unforeseen events that may occur.





SB SOUTHBOUND



CR CROSS ROAD



HILLSBORO THRU WAXAHACHIE (I-35E)

	DATES/TIMES			LOCATION			ROADWAY			CLOSED		MAP	
NB				F35 at U8-287, Waxahachie			1-35 E Maintanes (MM 402-0)			All lanes crosed		LINK	
DELA 11/27	Y 7PN	1 SPI	M 9PM	10PM	11PM	12AM	1AM	2AM	BAM	4AM 10	5AM 15	6AM 15	
NB	11/28 - 11/29 SAM	. 9PM -		5 at US-2 Vaxahachi	100		tamtane: 402-0)	s (MM	All tans	es closed	L	NK	
DELA	Y 7PM	I BPI	M 9PM	10PM	11PM	12AM	1AM	2AM	3AM	4AM	5AM	6AM	
11/28			5	5	5	l C				10	15	15	
NB	11/29 - 11/30 6AM	9PM -	1 - I-35 al US-287, Waxahachie		I-35 E Mainlanes (MM 402 0)			All lanes closed		LINK			
DELA	Y 7PM	8PI	M 9PM	10PM	11PM	12AM	1AM	2AM	3AM	4AM	5AM	6AM	
11/29			10	15	10	200000	10000		- 22000-0	5	10	10	
NB NB	11/30 - 12/1, 9PM - 5AM			I-35 at US-207, Waxahachie			I-35 E Maintanes (MM 402.0)			All lanes closed		LINK	
DELA	Y 7PM	I SPI	M 9PM	10PM	11PM	12AM	1AM	2AM	3AM	4AM	5AM	6AM	
11/30		- 500	5	200000	1.000177	0)5-200	11600	1230000		- IIIV -2	2001	=10.0041	

SB	O Current Delay as of 3:30 PM	NB
0 min	Hillsboro (MM 368) to Waco (MM 334)	0 min
75 min	Waco (MM 334) to Temple (MM 301)	5 min
0 min	Temple (MM 301) to Salado (MM 279)	5 min

I-35 Connected Work Zone

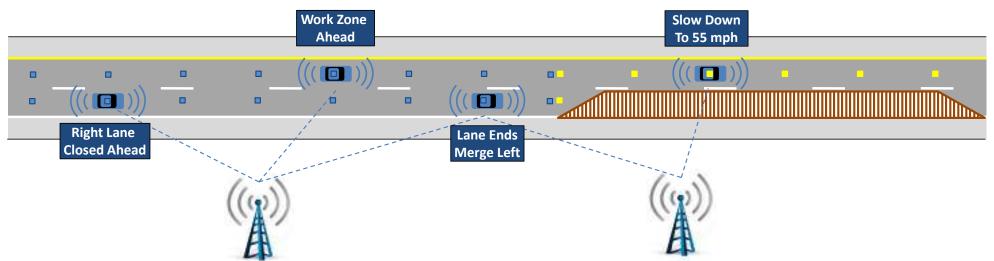












Two-Tiered Solution

High fidelity scenario

- Detailed lane-level mapping of the roadway and work zone is possible
- Reference point (beginning of lane closure taper) can be accurately defined
- Full information load for RSZW/LC application is supported

Low fidelity scenario

- Less detailed mapping of the roadway and work zone
- Reference point is estimated
- Reduced information load for RSZW/LC application is supported

Results

- Methodologies for managing periodic impacts
- Development of test beds
- Testing of connected hardware
- Testing work zone mapping procedures
- Evaluation of queue warning application
- Methodology for Lonestar automation and message dissemination
- Development of Work Zone Data Exchange for lane closures

Latest Areas of Emphasis



Testing SwRI OBU Application for Work Zone Warning



Testing Other CWZ Applications



Developing CWZ Information Pathways to Freight Carriers



Utility of 3rd Party Data



Incorporating CWZ Information into Traveler Information Databases