

**ESTABLISHMENT OF MOBILITY INVESTMENT PRIORITIES
AS REQUIRED BY THE GENERAL APPROPRIATIONS ACT**

DESCRIPTION:

This presentation introduces activities being undertaken by the Texas Transportation Institute (TTI) related to coordinating studies in the four most congested areas of the state. The 82nd Legislature allocated \$300 million in Proposition 12 bond proceeds for right-of-way acquisition, feasibility studies and project planning, and engineering work for projects that will relieve congestion on the most congested road segments in the Dallas-Fort Worth, Houston, Austin, and San Antonio metropolitan areas.

TTI was directed by the legislature to coordinate studies to ensure the most effective use of these funds, as well as to ensure public participation, to consider the widest range of possible funding options for project concepts generated under these studies, and to make recommendations to the department at major decision points. Information will be presented that outlines the nature and status of these activities.

ISSUES:

- Location and nature of congested roadway segments
 - Distribution around state
 - Causes of congestion
- Overview of feasibility studies and projects already underway
 - Existing studies
 - Construction projects already planned or underway
- Summary of new project ideas

REFERENCES:

- HB 1, 82nd Legislature, Regular Session

DESIRED RESULTS:

Provide overview and generate discussion of activities related to Rider 42(a) to the appropriations to the department under the GAA.

FURTHER ACTIONS

Regular periodic updates to this program will be made to the commission.

OTHER:

None.

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Rider 42 Austin Status Report | Dec. 2011

2010 Rank	Roadway	From	To	Projects Completed/In Progress	Project Ideas Under Consideration	Next Steps
4	IH 35	SH 71	US 183	<ul style="list-style-type: none"> Direct connectors between IH 35 and Ben White HERO patrol incident management SH 130 from SH 45E to IH 10 near Seguin 	<p>My35</p> <ul style="list-style-type: none"> Use SH 45SE & SH 130 as alternate routes <ul style="list-style-type: none"> Convert one lane in each direction to dynamically priced managed lane on IH 35 Re-designate IH 35 to non-interstate facility Remove tolls on SH 130 from Georgetown to SH 45SE and SH 45SE from Mustang Ridge to IH 35 and designate as IH 35 Upgrade US 183 from US 290 to SH 45SE to 4-lane freeway Widen IH 35 to 8 lanes from Williamson / Bell County line to IH 10 in San Antonio Incentivize freight to alternate routes 	
24	N Lamar	W 45th Street	W 6th Street		<ul style="list-style-type: none"> Express lanes on North Loop 1 Bus rapid transit Signal timing improvements 	
39	SL 1 MoPac	US 183	US 290 West	<ul style="list-style-type: none"> US 290 W/South Loop 1 Interchange 	<ul style="list-style-type: none"> Express lanes North Loop 1 SL 360 intersection improvements at Westlake Dr., Cedar St. & Courtyard Express bus service using express lanes with park-and-rides Freight rail alternatives 	
42	SL 360	SL 1 MoPac	US 290 West			
43	US 290 West	SL 1 MoPac	RM 1826	<ul style="list-style-type: none"> US 290 W/South Loop 1 Interchange 	<ul style="list-style-type: none"> Widen US 290 to add toll or managed lanes Intersection improvements at SH 71 	
44	S. Lamar/1st Street	West of US 290	IH 35		<ul style="list-style-type: none"> Bus rapid transit 	

Green - The most congested sections in each metro area. Evaluations should begin with the worst section in each metro area, and proceed to others after substantial completion of the worst sections.

Yellow - The next most congested sections in each metro area. Our analysis may eventually include these roads, but they are a lower priority.

White - Other sections in the 50 most congested sections list. There will likely be very little analysis of these.

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Rider 42 Dallas Status Report | Dec. 2011

2010 Rank	Roadway	From	To	Projects Completed/ In Progress	Project Ideas Under Consideration	Next Steps
3	IH 635 LBJ	IH 35E	US 75	LBJ Express Project <ul style="list-style-type: none"> 3 managed lanes each direction on IH 635 Continuous frontage roads on IH 635 		
5	Woodall Rodgers Freeway	IH 35	US 75	Woodall Rodgers Extension (6-lane connection from CBD to west side of Trinity River)	None (Problem is interchange congestion at US 75/IH 45 and IH 35E)	
9	US 75 North Central	IH 635	Woodall Rodgers Frwy	Integrated Corridor Management	Use the parallel DART light rail line	
12	IH 35E Stemmons	IH 30	SH 183	Horseshoe Project (Expand IH 30 and IH 35E near downtown)	<ul style="list-style-type: none"> Project Pegasus – downtown to SH 183 Trinity Parkway parallel to IH 35E 	
15	US 75 North Central	PGBT	IH 635	Major Investment Study for a long-term solution	<ul style="list-style-type: none"> Use the parallel DART light rail line Advance plans for managed lanes 	
16	IH 30 East RL Thornton	IH 35E	SH 12 East	Horseshoe Project (Expand IH 30 and IH 35E near downtown)		
17	IH 35E South RL Thornton	US 67	IH 30	Horseshoe Project (Expand IH 30 and IH 35E near downtown)	<ul style="list-style-type: none"> Southern Gateway – Add 2 general lanes & 1 managed lane – 8th Street to US 67 Project Pegasus – Improvement/widening project (IH 30 and IH 35 E) 	
19	IH 35E Stemmons	SL 12	IH 635	LBJ Express Project <ul style="list-style-type: none"> 2 managed lanes each dir on IH 35E Improve IH 635/IH 35E interchange 		
29	IH 30 Tom Landry	Hampton	IH 35E	Horseshoe Project (Expand IH 30 and IH 35E near downtown)		
30	IH 345	W. Rodgers	IH 30			
32	IH 635 LBJ	SH 78	IH 30	NITTA PGBT eastern extension	<ul style="list-style-type: none"> Possible CDA Advance managed lanes 	
36	SL 12	SH 356	IH 35E			
40	IH 635	US 75	SH 78		<ul style="list-style-type: none"> Possible CDA Advance managed lanes 	
41	IH 35E	IH 635	PGBT		Proposed CDA	
47	SL 12	SH 356	IH 30			

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Rider 42 Fort Worth Status Report | Dec. 2011

2010 Rank	Roadway	From	To	Projects Completed/In Progress	Project Ideas Under Consideration	Next Steps
8	IH 35W	IH 30	SH 183	North Tarrant Express CDA: <ul style="list-style-type: none">4 managed lanes in first phase, then rebuild mainlanes with no additional capacity	Rebuild IH 35W/SH 121 interchange	
14	IH 820	IH 35W	SH 183	North Tarrant Express CDA— <ul style="list-style-type: none">Add 2 managed lanes each directionAdd continuous frontage roadsAdd 1 mainlane each direction	North Tarrant Express Master Development Plan: <ul style="list-style-type: none">2 Managed LanesRebuild SH 121/IH 820 interchange Study 'backage' road north and south of IH 820	
21	IH 35W	SH 183	US 81	North Tarrant Express Phase 3B: <ul style="list-style-type: none">Reconstruct existing mainlanes with no additional capacityAdd managed lanesSalvage some bridges and ramps.	North Tarrant Express CDA— <ul style="list-style-type: none">Widen to 8 mainlanes plus 4 managed lanes	
37	SH 360	SH 183	IH 20	SH 161 Tollway under construction	MTP includes widening from IH 30 to IH 20 Add inside shoulder and convert existing shoulder to travel lane	

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Rider 42 Houston Status Report | Dec. 2011

2010 Rank	Roadway	From	To	Projects Completed/ In Progress	Project Ideas Under Consideration	Next Steps
1	IH 45 North	BW 8 North	IH 610	<ul style="list-style-type: none"> IH 45 Environmental Impact Study 	<ul style="list-style-type: none"> Managed Lanes Hardy Tollroad extension to CBD Direct connectors at North Shepherd Restripe shoulder as auxiliary lane 	
2	US 59 S'West	IH 610 West	SH 288	<ul style="list-style-type: none"> IH 45 Environmental Impact Study 	<ul style="list-style-type: none"> Downtown re-design (IH 45, US 59, SH 288) Managed Lanes Reconstruct 3 direct connectors at IH 610 	
6	IH 45 Gulf	IH 10	IH 610 South	<ul style="list-style-type: none"> IH 45 Environmental Impact Study 	<ul style="list-style-type: none"> Downtown re-design (IH 45, US 59, SH 288) 2 Direct connectors at Gulfgate Interchange Managed Lanes Remove Allen Pkwy SB entrance Modify US 59 to Calhoun St. interchange 	
7	IH 45 North	IH 610 North	IH 10	<ul style="list-style-type: none"> IH 45 Environmental Impact Study 	<ul style="list-style-type: none"> Downtown re-design (IH 45, US 59, SH 288) Managed Lanes Hardy Tollroad extension to CBD N Shepherd Access management 	
10	US 59 SW	IH 10	SH 288	<ul style="list-style-type: none"> IH 45 Environmental Impact Study 	<ul style="list-style-type: none"> Downtown re-design (IH 45, US 59, SH 288) Managed Lanes 	
11	US 290	FM 529	IH 610	<ul style="list-style-type: none"> IH 10 Katy Fwy expansion IH 610/US 290 Interchange 	<ul style="list-style-type: none"> Add mainlanes Hempstead Tollway Managed Lanes 	
13	IH 610	IH 10 Katy	IH 45 North	<ul style="list-style-type: none"> IH 10 Katy Fwy expansion IH 610/US 290 Interchange 		
18	IH 610	South Main	IH 10 Katy		<ul style="list-style-type: none"> IH 610/US 59 Interchange 	
20	US 59 SW	BW 8	IH 610 West		<ul style="list-style-type: none"> Managed Lanes IH 610/US 59 Interchange 	
22	IH 10 Katy	BW 8	IH 610 West	<ul style="list-style-type: none"> IH 10 Katy Fwy expansion 		
25	US 290	FM 1960	FM 529		<ul style="list-style-type: none"> Hempstead Tollway Add mainlanes and Managed Lanes 	
26	IH 45 Gulf	BW 8	IH 610 South		<ul style="list-style-type: none"> 2 Direct connectors at Gulfgate Interchange 	
27	SH 288	IH 45	IH 610	<ul style="list-style-type: none"> IH 45 Environmental Impact Study 	<ul style="list-style-type: none"> Downtown re-design (IH 45, US 59, SH 288) Managed Lanes 2 EB to SB direct connectors at IH 610 Interim IH 610 interchange; 4 Toll lanes 	

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Rider 42 San Antonio Status Report | Dec. 2011

2010 Rank	Roadway	From	To	Projects Completed/ In Progress	Project Ideas Under Consideration	Next Steps
23	SL 1604	SH 16	FM 471	<ul style="list-style-type: none"> Superstreet intersections at New Guilbeau and Shaenfield SL 1604 ramp and frontage improvements south of Culebra Road Future grade separation of SH 151 at SL 1604 	<ul style="list-style-type: none"> Widen existing roadway Add toll mainlanes with free frontage roads Tolled direct connectors at IH 10 and SH 151 Grade separation at Marbach Road 	
38	US 281	SL 1604	Comal County Line	<ul style="list-style-type: none"> Superstreet intersections applied in southern half of corridor (ARRA funds) Southern direct connector with SL 1604 under construction (ARRA funds) Widen parallel streets New traffic signals at Sonterra Blvd. 	<ul style="list-style-type: none"> Widen existing roadway Non-tolled freeway with frontage roads Managed lane options Add toll mainlanes with free frontage roads Four northern direct connectors at SL 1604 (non-tolled) 	
48	IH 35	Loop 353/ Nogalitos	US 281	<ul style="list-style-type: none"> Alamo RMA and TxDOT conducting a Planning and Environmental Linkages (PEL) study of IH 35 from downtown to FM 3009/TransGuide traffic management center Operational improvements from downtown to Loop 410 North Completion of SH 130 from south Austin to IH 10 	<ul style="list-style-type: none"> Add mainlanes to create a minimum 8-lane facility HOV/Toll lane from south Austin to downtown San Antonio Freight rail relocation to allow commuter rail between San Antonio and Austin 	
49	IH 35	FM 1518	SL 1604	<ul style="list-style-type: none"> Left lane truck restrictions north of SL 1604 TxDOT Prop 12 funds being applied to operational improvements in this corridor (from Judson Road to FM 3009) Completion of SH 130 from south Austin to IH 10 Alamo RMA and TxDOT conducting a Planning and Environmental Linkages (PEL) study of IH 35 from downtown to FM 3009 	<ul style="list-style-type: none"> Add mainlanes to create a minimum 8-lane facility IH 35 interchange improvements at Loop 1604 and at IH 410 HOV/Toll lane from south Austin to downtown San Antonio Alternative route improvements to IH 10 from Seguin to downtown San Antonio Freight rail relocation to allow commuter rail between San Antonio and Austin <p>A 1996 IH 35 Major Investment Study recommended the addition of barrier-separated express, truck and/or HOV lanes in this corridor</p>	
50	FM 3487	SH 471	IH 410	<ul style="list-style-type: none"> Recently widened to 6 lanes Nearby VIA transit center on Ingram Rd. 		

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