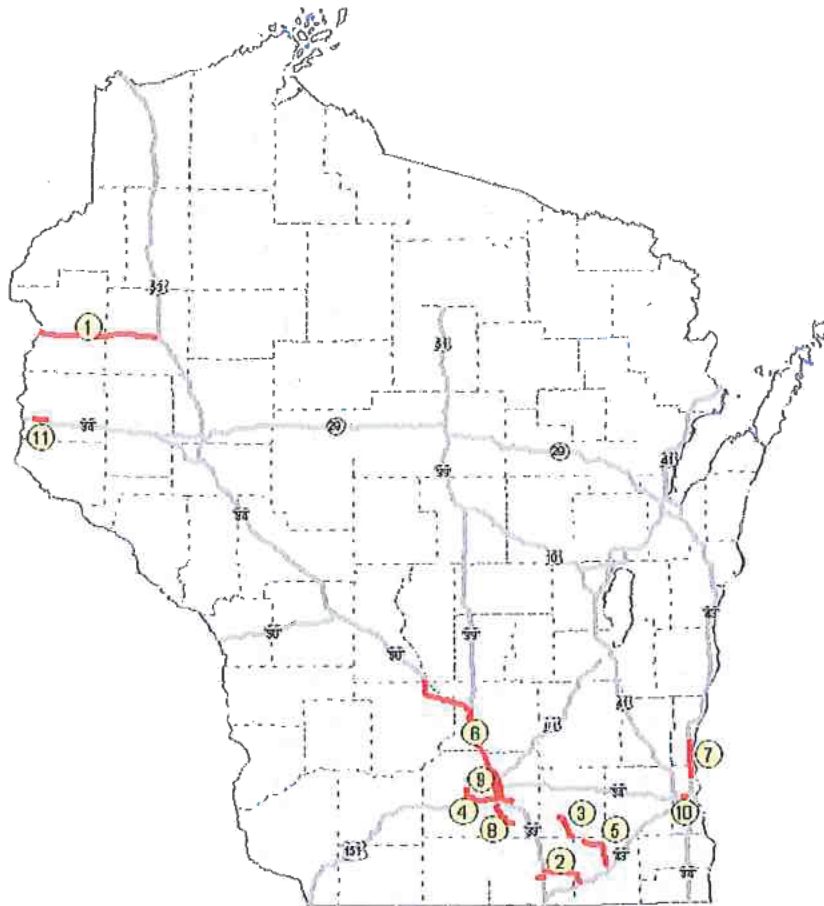


Wisconsin Department of Transportation

February 2014

Major Highway Study Projects Status Report Update To The Transportation Projects Commission



Number Key to Map Above	Highway	Termini	Page
1	USH 8	STH 35 – USH 53	24
2	STH 11/USH 14	Janesville - IH 43	25
3	USH 12	Fort Atkinson Bypass	26
4	USH 12	USH 14 – CTH N	27
5	USH 12	Elkhorn – Whitewater	28
6	IH 39/90	USH 12 (Madison) – USH 12 (Wis Dells)	29
7	IH 43	Silver Spring Drive – STH 60	30
8	USH 51	Stoughton – McFarland	31
9	USH 51	USH 12 – STH 19	32
10	IH 94	70 th Street – 16 th Street	33
11	IH 94	USH 12 – STH 65	34

General Information

This report provides information regarding the Major Highway Study Projects. The status report for each project includes a project location map, as well as general information such as:

- Project length
- Existing AADT
- Need for study
- Possible concept
- Study status

Also provided is a Cost Status Table that lists cost information related to the environmental studies. The Cost Status Table provides estimates of Total Study Cost and Cost to Complete, as well as Cost to Date information. A sample cost table and definition of terms are as follows:

Total Study Cost Estimate: an estimate of the total cost required to conduct the environmental study through Record of Decision (ROD) or Finding of No Significant Impact (FONSI).

Please note that it is often difficult to predict how much work (cost) or how long it will take to conduct environmental studies. The sensitive environmental, social, economic, and political issues associated with most major studies involve unique circumstances that must be addressed through an evolving study process. These unique project characteristics make it difficult to develop study cost estimates with pinpoint precision.

Cost to Date: is the dollar amount expended on the study to date (as of 1/1/14). This information was obtained through WisDOT's Financial Operating System.

Cost to Complete: an estimate of cost required to complete the study at 2013 prices (through ROD/FONSI).

Study Project Cost Status Table – February 2014							
Project: <i>Sample Study Project</i>						District	
0							
Cost Information in Millions of Dollars							
Cost Category	Cost To Date	Estimated Cost To Complete	Total Study Cost Estimate August 2013	Total Study Cost Estimate February 2014	Change in Total Cost Estimate	Percent Change	Reason for Change
Environmental Study	1.0	2.0	3.0	3.0	0.0		

Cost to Date is the amount expended on the project at the time of this report

Cost to Complete is the difference between Total Study Cost Estimate and Cost To Date.

Total Study Cost Estimate is the estimated total cost required to conduct the environmental study through ROD or FONSI.

Difference between Total Study Cost Estimate of this report and that of the previous report.

US 8 WIS 35 North - US 53



Study Project Cost Status Table - February 2014

Project: US 8 WIS 35 North - US 53							
Region: NW							
Cost Information in Millions of Dollars							
Cost Category	Cost to Date	Estimated Cost To Complete	Total Study Cost Estimate Aug. 2013	Total Study Cost Estimate Feb. 2014	Change In Total Cost Estimate	Percent Change	Reason for Change
Environmental Study	\$5.3	\$0.7	\$6.0	\$6.0	\$0.0	0.0%	

Length: 40 miles in Polk and Barron Counties

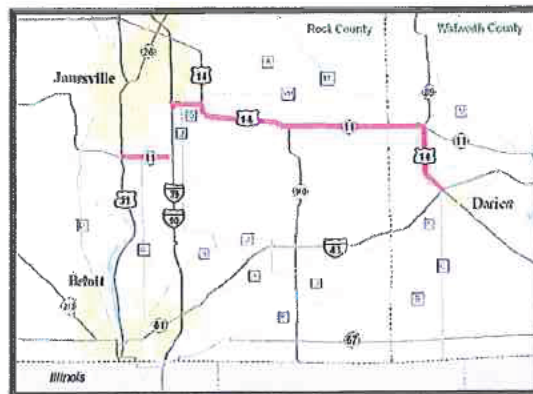
Existing AADT: (Annual average daily traffic) 6,400 – 14,800 (rural) 11,600 – 16,100 (urban) vehicles per day

Need for study: Population growth and increased traffic volumes are generating concerns in several communities along the route. Approximately 50% of the project length will have 2030 volumes exceeding 12,000 AADT. There was a perceived need to identify and preserve a future four-lane corridor in order to make sound current and future highway improvement decisions.

Possible concept: To identify the future corridor detail to meet estimate accuracy requirements the study is being done under a 'Tiered EIS' concept. Tier 1 identifies basic corridor location and design standards for preferred alternatives. The Tier 2 phases are currently moving forward to achieve the detailed design necessary for estimate accuracy requirements. Officially map any future right-of-way needs for any preferred alternatives that are freeway/expressway concepts. Tier 3 would be considered to update NEPA work upon any segment being considered for construction.

Study status: Percent of Tier 1 EIS study completed: 100%
Tier II is almost complete on 3 of 4 segments. Remaining segment will stay Tier I until future needs warrant Tier II completion. 84.295 official mapping will not be completed.

STH 11/USH 14 Janesville - IH 43



Study Project Cost Status Table - February 2014							
Project: US 14/WIS 11 Janesville - I-43							
Region: SW							
Cost Information in Millions of Dollars							
Cost Category	Cost to Date	Estimated Cost To Complete	Total Study Cost Estimate Aug. 2013	Total Study Cost Estimate Feb. 2014	Change In Total Cost Estimate	Percent Change	Reason for Change
Environmental Study	\$2.2	\$0.5	\$2.5	\$2.7	\$0.2	8.0%	***

***Scope change-EIS revaluation

Length: 15 miles in Rock and Walworth Counties

Existing AADT: (Annual average daily traffic) 7,900 - 10,300 vehicles per day

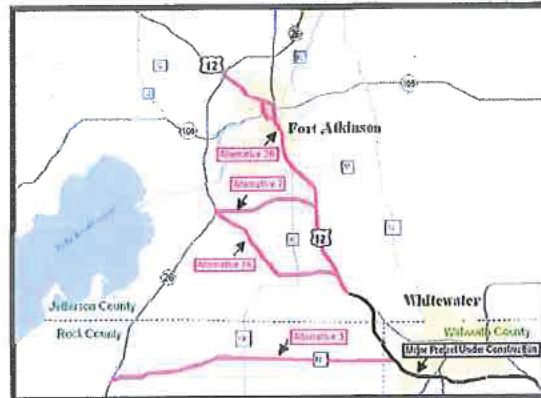
Need for study: Expansion to four lanes will be necessary to accommodate the increasing traffic volumes on US 14/WIS 11. Increasing crash rates, lower level of service, system linkage, smart growth planning and emergency evacuation management planning are other needs identified.

Possible concept: Expand the existing two-lane facility to four lanes. Provide for a freeway design in the I-39/90 and I-43 areas.

Study status: Draft EIS – June 2015
Final EIS – February 2016

Percent of study completed: 82%

US 12 Fort Atkinson Bypass



Study Project Cost Status Table - February 2014							
Project: US 12 Fort Atkinson Bypass							
Region: SW							
Cost Information in Millions of Dollars							
Cost Category	Cost to Date	Estimated Cost To Complete	Total Study Cost Estimate Aug. 2013	Total Study Cost Estimate Feb. 2014	Change In Total Cost Estimate	Percent Change	Reason for Change
Environmental Study	\$3.5	\$0.1	\$3.6	\$3.6	\$0.0	0.0%	

Length: 10.1 – 17.5 miles in Jefferson County

Existing AADT: (Annual average daily traffic) 6,900 (rural) - 15,500 (urban) vehicles per day

Need for study: Find ways to ensure US 12 remains a safe and effective regional corridor meeting regional travel and shipping needs while continuing to support the existing and future transportation needs of the Fort Atkinson and Koshkonong communities.

Possible concept: Solutions to the needs identified in the study will include extending safe life of existing US 12, mapping a bypass and building it when warranted by traffic and safety.

Study status: Draft EIS released for public comment in October 2005.
Percent of study completed: 90%

Work on study has been suspended indefinitely and will be discussed at the next TPC meeting.

USH 12 USH 14 – CTH N



Study Project Cost Status Table - February 2014							
Project: US 12 USH 14 - CTH N							
Region: SW							
Cost Information in Millions of Dollars							
Cost Category	Cost to Date	Estimated Cost To Complete	Total Study Cost Estimate Aug. 2013	Total Study Cost Estimate Feb. 2014	Change in Total Cost Estimate	Percent Change	Reason for Change
Environmental Study	\$2.3	\$17.7	\$20.0	\$20.0	\$0.0	0.0%	

Length: 18.7 miles in Dane County

Existing AADT: (Annual average daily traffic) 30,800 – 146,500 vehicles per day

Need for study: Address ways to increase capacity for existing and future traffic demand. Improve safety issues to reduce crash rates significantly greater than statewide average.

Possible concept: Will begin by examine Madison metro area and look for alternative to improve the whole corridor from severe congestion. Anticipate transit, freight bike and pedestrian needs throughout corridor.

Study status: Begin origin-destination study in May 2012. Began planning and environmental linkages study.

USH 12 STH 67 Elkhorn - STH 59 Whitewater



Project: USH 12 STH 67 Elkhorn - STH 59 Whitewater							
Region: SE							
Cost Information in Millions of Dollars							
Cost Category	Cost to Date	Estimated Cost To Complete	Total Study Cost Estimate Aug. 2013	Total Study Cost Estimate Feb. 2014	Change in Total Cost Estimate	Percent Change	Reason for Change
Environmental Study	\$0.0	\$2.6	N/A	\$2.6	\$0.0	0.0%	***

*** First time estimate appears in report.

Length: 17.9 miles in Walworth County

Existing AADT: 5,100 – 14,900 vehicles per day

Need for study: To address capacity and safety needs associated with this National Highway System route.

Possible concept: Possible alignment adjustments and capacity improvement for safety concerns and future traffic demands.

Study status: Begin study in Spring 2015.

IH 39/90 USH 12 (Madison) – USH 12 (Wis Dells)



Study Project Cost Status Table - February 2014							
Project: IH 39/90 USH 12 (Madison) - USH 12 (Wis Dells)							
Region: SW							
Cost Information in Millions of Dollars							
Cost Category	Cost to Date	Estimated Cost To Complete	Total Study Cost Estimate Aug. 2013	Total Study Cost Estimate Feb. 2014	Change in Total Cost Estimate	Percent Change	Reason for Change
Environmental Study	\$1.3	\$9.7	\$11.0	\$11.0	\$0.0	0.0%	

Length: 56.3 miles in Dane/Columbia/Sauk Counties

Existing AADT: 37,800 – 90,000 vehicles per day

Need for study: The corridor is an important route for moving freight throughout the state and to outside destinations. If no improvements are made, the majority of corridor will have significant problems from reductions in travel speeds and recurring breakdowns in traffic flow. Need to find ways to ensure the corridor remains safe and effective as it has national, state, and regional importance.

Possible concept: Find ways to increase capacity for existing and future traffic demands and improve safety to reduce crash rates significantly greater than the statewide average. Look for interchange improvements as well as expansion along corridor. The corridor will be broken into north and south portion for studies.

Study status: Traffic assessment – began early 2013.

IH 43 Silver Spring Drive – STH 60



Study Project Cost Status Table - February 2014							
Project: IH43 Silver Spring Drive - STH 60							
Region: SE							
Cost Information in Millions of Dollars							
Cost Category	Cost to Date	Estimated Cost To Complete	Study Cost Estimate Aug. 2013	Cost Estimate Feb. 2014	Change in Total Cost Estimate	Percent Change	Reason for Change
Environmental Study	\$6.9	\$5.8	\$12.7	\$12.7	\$0.0	0.0%	

Length: 14.3 miles in Milwaukee and Ozaukee Counties

Existing AADT: 47,600 – 92,200 vehicles per day

Need for study: The IH 43 corridor is in need of increased capacity to handle existing and future traffic demand and to improve safety and crash rates that are significantly greater than the statewide average. This corridor provides critical interstate access between major metropolitan areas.

Possible concept: Possible capacity and interchange updates for mobility and safety improvements. Look at drainage and right of way impacts.

Study status: Final EIS – August 2014.

US 51 Stoughton - McFarland



Study Project Cost Status Table - February 2014							
Project: US 51 Stoughton - McFarland							
Region: SW							
Cost Information In Millions of Dollars							
Cost Category	Cost to Date	Estimated Cost To Complete	Study Cost Estimate Aug. 2013	Cost Estimate Feb. 2014	Change In Total Cost Estimate	Percent Change	Reason for Change
Environmental Study	\$5.1	\$0.1	\$5.0	\$5.2	\$0.2	4.0%	***

*** Increase due to additional engineering and environmental services needed.

Length: 18 miles in Dane County

Existing AADT: (Annual average daily traffic) 10,300 (rural) - 15,400 (urban) vehicles per day

Need for study: Provide increased capacity for existing and future traffic demand and improve safety to reduce crash rates.

Possible concept: Expand US 51 from the existing two-lanes to four lanes and along a northern bypass of Stoughton.

Study status: Estimated study completion date: Fall 2014

USH 51 USH 12 – STH 19



Study Project Cost Status Table - February 2014							
Project: USH 51 USH 12 - STH 19							
Region: SW							
Cost Information in Millions of Dollars							
Cost Category	Cost to Date	Estimated Cost To Complete	Total Study Cost Estimate Aug. 2013	Total Study Cost Estimate Feb. 2014	Change In Total Cost Estimate	Percent Change	Reason for Change
Environmental Study	\$2.6	\$1.9	\$4.5	\$5.1	\$0.6	13.3%	***

*** Increase due to additional engineering and environmental services needed.

Length:	6.5 miles in Dane County
Existing AADT:	19,100 – 49,600 vehicles per day
Need for study:	The corridor provides access to major employment and residential areas and also serves outline communities. Increased traffic volumes have caused safety and capacity issues along with increased crash problems that are significantly greater than the statewide average.
Possible concept:	Look at intersection/interchange upgrades and capacity issues. Find ways to ensure USH 51 remains a safe and effective corridor.
Study status:	Final ROD late 2015