



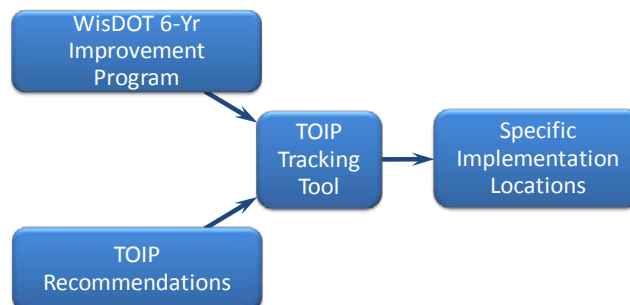
WISCONSIN TRAFFIC OPERATIONS & SAFETY LABORATORY

UNIVERSITY OF WISCONSIN-MADISON Department of Civil and Environmental Engineering

Date: July 6, 2011
To: Statewide Regions, Wisconsin Department of Transportation
From: William J. Melendez, Wisconsin TOPS Lab
Subject: Highway Improvement Projects - TOIP Implementation Plan/Tracking Tool Update

The Wisconsin Department of Transportation (WisDOT) developed the Traffic Operations Infrastructure Plan (TOIP) with the goal to evaluate traffic operation projects in the same manner as traditional infrastructure projects and integrate both into the planning process. WisDOT segmented the entire state trunk highway system into 37 corridors and published the Connections 2030, which was adopted for the TOIP efforts as the basis for planning of operational enhancements. From the TOIP methodology, some of these corridors were defined as priority and emerging priority corridors reported in the 2008 TOIP Final Report. The major component in developing the TOIP was to recommend ITS deployment focusing on ramp control and surveillance, traveler warning and information systems, and traffic signal systems to corridors that exhibited existing or future operational needs. The 2008 TOIP Final Report recognized the needs for ITS deployment based on 10 operationally-oriented parameters and it recommended the level of ITS deployment and type of device, but it neither specified the location to install the devices nor the cost of installation.

The 2009 TOIP Refinement Plan focused on the ITS device deployment locations and it also included devices/technologies that were not discussed in the 2008 TOIP Final Report. Cost estimates were also developed to provide a preliminary assessment of the capital investment needed to install, operate, maintain and replace these devices. As part of the TOIP Refinement Plan, a "tracking tool" was developed as a means of monitoring Wisconsin's highway improvement projects. The highway improvement project information is obtained from WisDOT Six-Year Highway Improvement Program (FIIPS report) which can be used in conjunction with the TOIP to assess opportunities to incorporate the design and construction of ITS devices within highway improvement projects.



The 2008 TOIP Final Report prioritized fourteen corridors (six Priority corridors and eight emerging priority corridors) based on their Deployment Density Class recommendations and priority score. The fourteen corridors encompass the vast majority of Wisconsin's freeway and Interstate highway system. The TOIP was recently updated in 2010 as part of ongoing plan updates and maintenance. The 2010 update resulted in new Deployment Density Class recommendations and priority scores for most of the corridors. It also resulted in the inclusion of Wisconsin Heartland (WIS 29 between Green Bay-Eau Claire) as an emerging priority corridor, resulting in a total of fifteen corridors (six priority corridors and nine emerging priority corridors). The updated list of fifteen priority and emerging priority corridors that are monitored for upcoming projects and their respective abbreviations for the highway improvement project tables are shown in Table 1. Table 2 provides an explanation of the column headings used in the project tables. Tables 3-7 list the upcoming highway improvement projects by Region per the current Six-Year Highway Improvement Program (dated June 1, 2011). The tables show projects for the next 2 years with costs over \$1 million. Because roadway maintenance projects may not be eligible for ITS deployments, those entries are grayed out.

TABLE 1 Corridor Abbreviations

Corridor	Abbreviation
<i>Priority Corridors</i>	
Badger State (Eau Claire-Madison)	BS
Capitol (Madison-Milwaukee)	CAP
Fox Valley (Milwaukee-Green Bay)	FV
South Central Connection (Madison-Illinois State Line)	SCC
Hiawatha (Milwaukee-Illinois State Line)	HIA
Chippewa Valley (Eau Claire-Minnesota State Line)	CV
<i>Emerging Priority Corridors</i>	
Wisconsin River (Madison-Ironwood, MI)	WR
Titletown (Milwaukee-Green Bay)	TT
Cornish Heritage (Madison-Dubuque, IA)	CH
Wild Goose (Madison-Fond du Lac)	WG
Glacial Plains (Beloit-Milwaukee)	GP
Wisconsin Heartland (Green Bay-Eau Claire)	WH
Southern Tier (Janesville/Beloit-Kenosha/Racine)	ST
Coulee County (La Crosse-Tomah)	CC
Peace Memorial (Eau Claire-Superior)	PM

TABLE 2 Project Tables Column Headings

Heading	Explanation
CORRIDOR	Corridor name, refer to Table 1 if multiple corridors are listed
SCHD_DT	Date of project LET
PROJ_ID	WisDOT project ID
COUNTY	County in which the project is located
HWY	Roadway that the project will occur
TITLE	Title of highway improvement project
LIMIT	Approximate termini or description of project
CNCP_CD	Type of highway improvement project
NMILES	Number of miles that the project covers

TABLE 3 TOIP Corridor Projects - North Central Region

Corridor	SCHD_DT	PROJ_ID	COUNTY	HWY	TITLE	LIMIT	CNCP_CD	NMILES
Wisconsin Heartland	1/10/2012	1620-01-83	MARATHON	STH 029	ABBOTSFORD - WAUSAU	STH 13 EB RAMP TO WB RAMP	RECST	0.46
Wisconsin Heartland	7/10/2012	1053-04-72	MARATHON	STH 029	MARATHON CITY - WAUSAU	CTH O INTERCHANGE	PVRPLA	3.45
Wisconsin Heartland	12/11/2012	1053-04-73	MARATHON	STH 029	MARATHON CITY - WAUSAU	STH 107 TO CTH O	PVRPLA	3.67
Wisconsin River	2/8/2011	1166-01-75	PORTAGE	IH 039	STEVENS POINT - MOSINEE	CTH DB & MAPLE DR OVERHD B49-57 56	BRRHB	0.259
Wisconsin River	3/8/2011	1166-01-71	MARATHON	IH 039	STEVENS POINT - WAUSAU	NB BUS 51 OVERPASS B-37-0074	PVRPLA	1.776
Wisconsin River	3/8/2011	1166-01-82	MARATHON	IH 039	STEVENS POINT - WAUSAU	FOXGLOVE ROAD OVERHEAD B-37-0099	BRRPL	0
Wisconsin River	4/12/2011	1166-12-75	MARQUETTE	IH 039	PACKWAUKEE - COLOMA	STH 21 - CTH M	RESURF	15.013
Wisconsin River	4/12/2011	1166-12-76	MARQUETTE	IH 039	PACKWAUKEE - COLOMA	CTH M - CTH D	RESURF	6.642
Wisconsin River	7/12/2011	1175-18-70	IRON	USH 051	TOWN OF MERCER	BEACHWAY DRIVE - CTH J	RECST	1.1
Wisconsin River	7/12/2011	1175-18-72	IRON	USH 051	TOWN OF MERCER	LOCAL STREETS & DRAINAGE	RECST	0
Wisconsin River	8/9/2011	1166-12-77	PORTAGE	IH 039	PLAINFIELD - STEVENS POINT	STH 54 TO NORTH 2ND STREET	RESURF	10.85
Wisconsin River	12/13/2011	1166-00-75	MARATHON	IH 039	STEVENS POINT - WAUSAU	MAPLE RIDGE ROAD INTERCHANGE	RECST	0.21
Wisconsin River	5/8/2012	1174-10-70	ONEIDA	USH 051	MINOCQUA - WOODRUFF	FRONT STREET TO OLD HWY 70	RECST	1.05
Wisconsin River	6/12/2012	1166-01-80	MARATHON	IH 039	STEVENS POINT - WAUSAU	SB WI RIVER BRIDGE B-37-0108	BRRHB	1.63
Wisconsin River	6/12/2012	1166-01-77	MARATHON	IH 039	STEVENS POINT - WAUSAU	B51 TO FOXGLOVE ROAD SB	PVRPLA	2
Wisconsin River	6/12/2012	1166-01-81	MARATHON	IH 039	STEVENS POINT - WAUSAU	SB BUS 51 OVERPASS B-37-0107	BRRPLE	1.63
Wisconsin River	9/11/2012	1166-08-77	MARQUETTE	IH 039	PORTAGE - PACKWAUKEE	SOUTH CL TO CTH D&B-39-11 18 20 22	RESURF	8.65
Wisconsin River	9/11/2012	1166-06-79	MARATHON	IH 039	STEVENS POINT - WAUSAU	B-37-143 146 147	BRRHB	1.21
Wisconsin River	12/11/2012	1176-24-70	LINCOLN	USH 051	MERRILL - TOMAHAWK	NORTH STAR ROAD INTERSECTION	RECOND	2.11
Wisconsin River	1/8/2013	1170-01-70	MARATHON	USH 051	WAUSAU - MERRILL	CTH K/B51 INTERCHANGE	RECST	0
Wisconsin River	1/8/2013	1170-01-73	MARATHON	USH 051	WAUSAU - MERRILL	BRIDGE STREET TO DECATOR DRIVE	PVRPLA	1.92
Wisconsin River	1/8/2013	1170-01-71	MARATHON	USH 051	WAUSAU - MERRILL	CTH U OVERHEAD B-37-0069	BRRPL	0
Wisconsin River	2/12/2013	1178-08-60	LINCOLN	USH 051	MERRILL - TOMAHAWK	CTH K TO CTH S	RDMTN	14.86

TABLE 4 TOIP Corridor Projects - Northeast Region

Corridor	SCHD_DT	PROJ_ID	COUNTY	HWY	TITLE	LIMIT	CNCP_CD	NMILES
Fox Valley	3/8/2011	1133-04-88	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVENUE - MEMORIAL DRIVE	MISC	0.61
Fox Valley	5/10/2011	1130-35-71	OUTAGAMIE	USH 041	OSHKOSH - APPLETON	STH 125 & STH 96 INTERCHANGES	RECOND	2.36
Fox Valley	5/10/2011	1133-09-75	BROWN	USH 041	DEPERE - SUAMICO	GLORY ROAD - MORRIS AVENUE	RECSTE	0.02
Fox Valley	5/10/2011	1133-04-83	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVE - MEMORIAL DRIVE	RECSTE	0.79
Fox Valley	5/10/2011	1133-06-82	BROWN	USH 041	DEPERE - SUAMICO	ORANGE LANE - GLORY ROAD	RECSTE	6.30
Fox Valley	5/10/2011	1133-09-72	BROWN	USH 041	DEPERE - SUAMICO	GLORY RD- MORRIS AVE	RECSTE	0.03
Fox Valley	5/10/2011	1133-06-70	BROWN	USH 041	DEPERE - SUAMICO	ORANGE LN - GLORY RD	RECSTE	0.00
Fox Valley	5/10/2011	1133-09-77	BROWN	USH 041	DEPERE- SUAMICO	GLORY ROAD - MORRIS AVENUE	RECSTE	2.54
Fox Valley	6/14/2011	1133-03-82	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVENUE - MEMORIAL DRIVE	RECSTE	0.77
Fox Valley	6/14/2011	1133-03-84	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVENUE - MEMORIAL DRIVE	RECSTE	0.00
Fox Valley	6/14/2011	1430-20-61	FOND DU LAC	STH 023	ROSENDALE - FOND DU LAC	ECPL - CTH VVV	RDMTN	10.04
Fox Valley	7/12/2011	1133-03-72	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVENUE - MEMORIAL DRIVE	RECSTE	0.58
Fox Valley	7/12/2011	1133-04-84	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVE - MEMORIAL DRIVE	RECSTE	0.61
Fox Valley	7/12/2011	1440-15-77	FOND DU LAC	STH 023	FOND DU LAC-PLYMOUTH	USH 151-ECL	MISC	0.00
Fox Valley	12/13/2011	9202-08-84	BROWN	USH 041	DEPERE - SUAMICO	WIS 29 RELOCATION US 41 CTH J	RECSTE	0.55
Fox Valley	1/10/2012	1133-06-71	BROWN	USH 041	DEPERE - SUAMICO	ORANGE LANE - GLORY ROAD	RECSTE	10.24
Fox Valley	1/10/2012	1133-06-80	BROWN	USH 041	DEPERE - SUAMICO	ORANGE LANE - GLORY ROAD	RECSTE	0.47
Fox Valley	1/25/2012	1133-06-74	BROWN	USH 041	DEPERE - SUAMICO	ORANGE LANE - GLORY ROAD	RECSTE	0.54
Fox Valley	7/10/2012	1133-11-71	BROWN	USH 041	DEPERE - SUAMICO	MEMORIAL DRIVE - CTH M	BRSHRM	0.18
Fox Valley	7/10/2012	1133-03-77	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVENUE- NINTH STREET	RECSTE	1.15
Fox Valley	7/10/2012	1133-03-78	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVENUE - MEMORIAL DRIVE	RECSTE	3.25
Fox Valley	7/10/2012	1133-04-81	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVE - MEMORIAL DRIVE	RECSTE	1.15
Fox Valley	12/11/2012	4685-12-71	OUTAGAMIE	STH 441	STH 441 & CTH KK INTERCHANGE	.	MISC	0.00
Fox Valley	1/8/2013	1133-03-73	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVENUE - MEMORIAL DRIVE	RECSTE	0.20
Fox Valley	1/8/2013	1133-03-75	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVENUE - MEMORIAL DRIVE	RECSTE	0.55
Fox Valley	1/8/2013	1133-03-81	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVENUE - MEMORIAL DRIVE	RECSTE	3.31
Fox Valley	1/8/2013	1133-10-74	BROWN	USH 041	DEPERE - SUAMICO	MEMORIAL DRIVE - CTH M B05/129	RECSTE	0.03
Fox Valley	1/8/2013	1133-04-72	BROWN	USH 041	DEPERE - SUAMICO	MORRIS AVE - MEMORIAL DRIVE	RECSTE	0.55
Fox Valley	3/12/2013	1130-33-71	OUTAGAMIE	USH 041	APPLETON - GREEN BAY	STH 47 INTERCHANGE	RECST	0.01
Fox Valley	4/9/2013	1133-10-76	BROWN	USH 041	DEPERE - SUAMICO	MEMORIAL DRIVE - CTH M	RECSTE	3.39
Fox Valley	5/14/2013	1133-10-81	BROWN	USH 041	DEPERE - SUAMICO	MEMORIAL DRIVE - CTH M	RECSTE	2.08
Fox Valley	5/14/2013	1133-10-72	BROWN	USH 041	DEPERE - SUAMICO	MEMORIAL DRIVE - CTH M	RECSTE	0.31
Fox Valley	5/14/2013	1133-10-77	BROWN	USH 041	DEPERE - SUAMICO	MEMORIAL DR - CTH M	RECSTE	0.95
Fox Valley	7/9/2013	1133-09-71	BROWN	USH 041	DEPERE - SUAMICO	GLORY ROAD - MORRIS AVENUE	RECSTE	3.03
Fox Valley	7/9/2013	1133-09-76	BROWN	USH 041	DEPERE - SUAMICO	GLORY ROAD - MORRIS AVENUE	RECSTE	0.20
Fox Valley	7/9/2013	1133-09-84	BROWN	USH 041	DEPERE - SUAMICO	GLORY ROAD - MORRIS AVE	RECSTE	1.74
Fox Valley	7/9/2013	1133-09-74	BROWN	USH 041	DEPERE - SUAMICO	GLORY RD - MORRIS AVE B05/109	RECSTE	0.01
Fox Valley	7/25/2013	1133-09-73	BROWN	USH 041	DEPERE - SUAMICO	GLORY ROAD- MORRIS AVENUE	RECSTE	3.03
Titletown	3/8/2011	9280-04-72	BROWN	STH 172	STH 54 - PACKERLAND DRIVE	AIRPORT ENTRANCE & STH 54 INT.	RECOND	0.75
Titletown	5/10/2011	9190-21-71	BROWN	STH 032	GREEN BAY - PULASKI	STH 32 & CTH B INTERSECTION	MISC	0.31
Titletown	9/13/2011	1227-07-71	BROWN	IH 043	MILWAUKEE - GREEN BAY	MASON STREET RAMPS	MISC	0.37
Titletown	12/11/2012	4015-13-61	SHEBOYGAN	STH 057	WALDO - STH 32	SOUTH COUNTY LINE - STH 32	RDMTN	23.55
WG/FV	7/12/2011	1120-11-75	WINNEBAGO	USH 041	STH 26 - BREEZEWOOD LANE	STH 21 - USH 45	RECSTE	2.02
WG/FV	7/12/2011	1120-11-84	WINNEBAGO	USH 041	STH 26 - BREEZEWOOD LANE	STH 21 - US 45	MISC	0.00
Wisconsin Heartland	3/8/2011	9202-07-79	BROWN	STH 029	DEPERE - SUAMICO	STH 29 RELOCATION USH 41 - CTH J	RECSTE	0.32
Wisconsin Heartland	4/12/2011	9202-07-72	BROWN	STH 029	DEPERE - SUAMICO	CTH J - CTH EB SOUTH FRONTAGE RD	RECSTE	0.32
Wisconsin Heartland	5/10/2011	9202-08-86	BROWN	STH 029	DEPERE - SUAMICO	STH 29 RELOCATION US 41 CTH J	BRRPL	0.15
Wisconsin Heartland	12/13/2011	9202-07-73	BROWN	STH 029	DEPERE - SUAMICO	CTH J - CTH EB SOUTH FRONTAGE RD	RECSTE	0.67
Wisconsin Heartland	7/9/2013	9200-04-71	BROWN	STH 029	SHAWANO - GREEN BAY	STH 29 & CTH FF INTERSECTION	RECST	0.12

TABLE 5 TOIP Corridor Projects - Northwest Region

Corridor	SCHD_DT	PROJ_ID	COUNTY	HWY	TITLE	LIMIT	CNCP_CD	NMILES
Badger State	5/10/2011	1023-00-77	JACKSON	IH 094	BLACK RIVER FALLS - TOMAH	BLACK RIVER TO PERRY CREEK(WB)	RESURF	4.96
BS/CV	1/11/2011	1022-08-76	EAU CLAIRE	IH 094	EAU CLAIRE - OSSEO	STH 37 TO USH 53	RESURF	4.88
BS/CV	7/12/2011	1022-00-87	EAU CLAIRE	IH 094	EAU CLAIRE - OSSEO	MALLARD ROAD TO CTH NN (EB & WB)	MISC	8.86
BS/CV	9/13/2011	1022-00-77	EAU CLAIRE	IH 094	EAU CLAIRE - OSSEO	MALLARD ROAD TO CTH NN (EB & WB)	PVRPLA	17.68
BS/CV	1/10/2012	1024-00-70	EAU CLAIRE	IH 094	MENOMONIE - EAU CLAIRE	CTH E & C BRGS B-18-205 206 207 208	BRRPL	0.07
BS/CV	1/8/2013	1022-08-73	EAU CLAIRE	IH 094	EAU CLAIRE - OSSEO	STH 37 - USH 53	PVRPLA	6.12
Chippewa Valley	2/8/2011	7180-01-72	PIERCE	STH 035	V MAIDEN ROCK MAIN STREET	SO LIMITS MAIDEN ROCK TO 385TH ST	MISC	0.22
Chippewa Valley	4/12/2011	1022-07-75	ST. CROIX	IH 094	BALDWIN - MENOMONIE	CTH BB TO WILSON CREEK (EB & WB)	RESURF	17.77
Chippewa Valley	11/8/2011	1020-07-74	ST. CROIX	IH 094	HUDSON - MENOMONIE	STH 65 INTERCHANGE	RECST	2.43
Chippewa Valley	1/10/2012	1020-06-76	ST. CROIX	IH 094	HUDSON - MENOMONIE	CTH B BRIDGE B-55-0233	BRRPL	0.02
Chippewa Valley	1/10/2012	8949-02-75	ST. CROIX	USH 012	HUDSON - BALDWIN	STH 65 SOUTH/120TH ST INTERSECTION	RECST	0.09
Chippewa Valley	1/10/2012	8949-03-76	ST. CROIX	USH 012	HUDSON - BALDWIN	STH 65 NORTH/130TH ST INTERSECTION	RECST	0.10
Chippewa Valley	2/14/2012	7180-02-70	PIERCE	STH 035	HAGER CITY - PRESCOTT	BR DRY RUN COULEE CREEK - WACOTA ST	PVRPLA	2.75
Chippewa Valley	4/10/2012	1022-07-74	DUNN	IH 094	HUDSON - MENOMONIE	STH 128 TO WILSON CREEK (EB & WB)	RESURF	12.54
Chippewa Valley	11/13/2012	1022-00-73	DUNN	IH 094	MENOMONIE - EAU CLAIRE	WB RED CEDAR RIVER BRIDGE B-17-0032	BRRPL	0.26
Chippewa Valley	11/13/2012	1020-06-61	ST. CROIX	IH 094	HUDSON - MENOMONIE	STH 35 NORTH TO USH 12	RDMTN	3.39
Chippewa Valley	3/12/2013	1721-01-61	PIERCE	STH 035	PEPIN - HAGER CITY	SOUTH COUNTY LINE TO USH 63	RESURF	13.88
Chippewa Valley	7/9/2013	7090-05-65	DUNN	USH 012	BALDWIN - MENOMONIE	STH 128 TO IH 94	RDMTN	14.13
CV/WH	3/8/2011	1050-01-64	CHIPPEWA	STH 029	CHIPPEWA FALLS - CADOTT	STILLSON CREEK TO STH 27 (EB)	RDMTN	9.02
CV/WH	3/8/2011	1050-01-63	CHIPPEWA	STH 029	CHIPPEWA FALLS - CADOTT	STILLSON CREEK TO STH 27 (WB)	RDMTN	8.61
CV/PM	5/25/2011	1191-09-73	CHIPPEWA	USH 053	CHIPPEWA FALLS - NEW AUBURN ROAD	40TH AVENUE - CTH B	PVRPLA	7.24
Peace Memorial	5/10/2011	1198-02-79	DOUGLAS	USH 053	SOLON SPRINGS - SUPERIOR	WI CENTRAL LTD RR TO KENT ROAD (SB)	RESURF	9.94
Peace Memorial	5/10/2011	1198-02-81	DOUGLAS	USH 053	SOLON SPRINGS - SUPERIOR	WI CENTRAL LTD RR TO KENT ROAD (NB)	RESURF	9.94
Peace Memorial	5/10/2011	1198-00-71	DOUGLAS	USH 053	SOLON SPRINGS - SUPERIOR	CTH B INTERSECTION	RECST	0.26
Peace Memorial	6/14/2011	1190-44-71	DOUGLAS	USH 002	C SUPERIOR BELKNAP STREET	HILL AVENUE TO EAST 2ND STREET	PVRPLA	0.44
Peace Memorial	11/8/2011	1196-00-75	DOUGLAS	USH 053	MINONG - SOLON SPRINGS	CTH T TO CTH Y (SB)	PVRPLA	3.92
Peace Memorial	11/8/2011	1196-00-79	DOUGLAS	USH 053	MINONG - SOLON SPRINGS	TWO MILE LAKE RELOCATION	RECST	1.23
Peace Memorial	2/14/2012	1190-43-71	DOUGLAS	USH 002	SUPERIOR - ROCKMONT ROAD	SUPERIOR SAFETY WEIGHT FACILITY #71	MISC	0.00
Peace Memorial	2/14/2012	1180-50-71	DOUGLAS	USH 002	WENTWORTH - BRULE	CTH D TO CLEVEDON ROAD	RESURF	9.38
Peace Memorial	3/13/2012	1197-21-72	BARRON	USH 053	RICE LAKE - SPOONER	USH 53 & CTH V INTERCHANGE	RECST	2.30
Peace Memorial	4/10/2012	1198-00-61	DOUGLAS	USH 053	SUPERIOR - DULUTH	BELKNAP STREET TO BLATNIK BRIDGE	RDMTN	1.76

TABLE 6 TOIP Corridor Projects - Southeast Region

Corridor	SCHD_DT	PROJ_ID	COUNTY	HWY	TITLE	LIMIT	CNCP_CD	NMILES
Capitol	4/12/2011	2210-07-71	MILWAUKEE	USH 018	BLUEMOUND ROAD CITY OF WAUWATOSA	124TH ST TO MAYFAIR RD	RECST	1.13
Capitol	4/12/2011	2791-00-70	WAUKESHA	STH 059	LES PAUL PARKWAY CITY OF WAUKESHA	INTERSECTION OF STH 164	MISC	0.43
Capitol	12/13/2011	2025-14-70	WAUKESHA	STH 190	CAPITOL DR	BROOKFIELD ROAD TO STH 100	RESURF	7.92
Capitol	1/10/2012	2200-16-70	WAUKESHA	USH 018	BLUEMOUND ROAD	I-94 TO MOORLAND ROAD	RESURF	3.39
Capitol	3/13/2012	2025-11-70	MILWAUKEE	STH 190	WEST CAPITOL DR CITY OF MILWAUKEE	84TH STREET TO 60TH STREET	RECST	2.85
Capitol	9/11/2012	2210-01-71	WAUKESHA	USH 018	ST PAUL AV & E NORTH ST Cty Waukesha	MADISON ST TO MORELAND BLVD	RESURF	1.69
Capitol	12/11/2012	2230-14-70	MILWAUKEE	STH 059	GREENFIELD AVE CITY OF WEST ALLIS	124TH ST TO IH 894	RECST	1.51
Capitol	12/11/2012	1370-15-71	WAUKESHA	STH 016	STH 16 WAUKESHA - OCONOMOWOC	CTH P TO CTH KC; STH 190 TO IH 94	RESURF	
Capitol	12/11/2012	1370-14-70	WAUKESHA	STH 016	OCONOMOWOC ROAD TO WAUKESHA	STH 67 TO IH 94	BRRHB	
Capitol	12/11/2012	1060-32-73	WAUKESHA	IH 094	EAST-WEST FREEWAY	ELM GROVE & SUNNYSLOPE RD BR OVRPS	BRRHB	
Capitol	12/11/2012	3110-05-70	WAUKESHA	STH 059	EAGLE TO WAUKESHA ROAD	OAKRIDGE DR-CTH X(Except N Prairie)	RESURF	6.50
FV/HIA	4/12/2011	2040-12-70	MILWAUKEE	USH 045	USH 45 NB AND SB	BRIDGES OVER RAWSON AVENUE	BRRPL	0.26
Glacial Plains	6/14/2011	1090-19-74	WAUKESHA	IH 043	ROCK FREEWAY	MARTIN ROAD BRIDGES	BRRPL	0.03
Glacial Plains	12/13/2011	1090-19-70	WAUKESHA	IH 043	ROCK FREEWAY	STH 164 TO MORELAND ROAD	RECOND	6.28
Glacial Plains	12/13/2011	1090-19-71	WAUKESHA	IH 043	IH 43 ROCK FREEWAY (SB)	STH 83 TO STH 164	RESURF	6.49
Glacial Plains	9/11/2012	1090-19-72	WAUKESHA	IH 043	IH 43 ROCK FREEWAY (NB)	STH 83 TO STH 164	RESURF	6.49
Glacial Plains	11/13/2012	2240-00-67	RACINE	STH 036	MILWAUKEE AVENUE	STH 20 TO CTH Y	RDMTN	5.95
GP/ST	12/13/2011	1090-15-71	WALWORTH	IH 043	ROCK FREEWAY NB	USH 12 TO STH 83	RESURF	16.39
GP/TT	5/8/2012	1030-05-60	MILWAUKEE	IH 043	VALLEY BRIDGE REHAB	NATIONAL AVE TO MENOMONEE RVR	BRRHB	
GP/ST	12/11/2012	1090-15-72	WALWORTH	IH 043	ROCK FREEWAY SB	USH 12 TO STH 83	RESURF	16.36
HIA/CAP	12/13/2011	1060-34-70	MILWAUKEE	IH 094	EAST WEST FREEWAY EB	70TH ST TO 32ND ST	RESURF	2.46
HIA/CAP	12/13/2011	1060-34-71	MILWAUKEE	IH 094	EAST WEST FREEWAY EB	70TH ST TO 32ND ST	BRRHB	
HIA/CAP	4/10/2012	1030-20-83	MILWAUKEE	IH 094	N-S FREEWAY	DREXEL AVE BRIDGE & RAMPS	RECSTE	
HIA/CAP	5/25/2012	1060-34-91	MILWAUKEE	IH 094	EAST WEST FREEWAY	70TH ST TO 32ND ST	MISC	
HIA/CAP	11/13/2012	1030-26-71	MILWAUKEE	IH 094	N-S FREEWAY RYAN ROAD INTERCHANGE	RAMP STRUCTURES B-40-805 B-40-808	BRNEW	
HIA/CAP	12/11/2012	1030-20-82	MILWAUKEE	IH 094	N-S FREEWAY RAWSON AVE INTERCHANGE	RAWSON AVE & RAMPS	RECST	0.96
Hiawatha	2/8/2011	1030-22-70	KENOSHA	IH 094	N-S FREEWAY STH 142 INTERCHANGE	EAST FRONTAGE RD	RECST	
Hiawatha	2/8/2011	1030-22-77	KENOSHA	IH 094	N-S FREEWAY STH 158 - STH 142	EAST FRONTAGE RD	RECST	0.96
Hiawatha	2/8/2011	1030-23-77	KENOSHA	IH 094	N-S FREEWAY STH 142 - CTH E	EAST FRONTAGE RD	RECST	0.83
Hiawatha	3/8/2011	1031-07-80	KENOSHA	IH 094	N-S FREEWAY RUSSELL RD-WI STATE LN	MAINLINE	RECST	0.41
Hiawatha	3/8/2011	1033-02-74	RACINE	IH 094	N-S FREEWAY STH 20 INTERCHANGE	WEST FRONTAGE RD	RECSTE	1.12
Hiawatha	3/8/2011	1033-02-70	RACINE	IH 094	N-S FREEWAY STH 20 INTERCHANGE	EAST FRONTAGE RD	RECST	1.25
Hiawatha	3/8/2011	1035-03-77	KENOSHA	IH 094	N-S FREEWAY CTH E TO CTH KR	EAST FRONTAGE RD	RECST	1.13
Hiawatha	3/8/2011	1035-03-78	KENOSHA	IH 094	N-S FREEWAY CTH E TO CTH KR	WEST FRONTAGE RD	RECST	1.17
Hiawatha	3/8/2011	1035-03-75	KENOSHA	IH 094	N-S FREEWAY CTH KR INTERCHANGE	WEST FRONTAGE RD	RECST	0.95
Hiawatha	3/8/2011	1035-03-70	KENOSHA	IH 094	N-S FREEWAY CTH KR INTERCHANGE	EAST FRONTAGE RD	RECST	0.62
Hiawatha	5/10/2011	1032-10-78	KENOSHA	IH 094	N-S FREEWAY CTH C TO STH 50	WEST FRONTAGE RD	RECST	0.42
Hiawatha	7/12/2011	1032-10-72	KENOSHA	IH 094	N-S FREEWAY STH 50 INTERCHANGE	MAINLINE & RAMPS	RECSTE	1.74
Hiawatha	7/12/2011	1032-14-72	KENOSHA	IH 094	N-S FREEWAY STH 158 INTERCHANGE	MAINLINE & RAMPS	RECSTE	1.21
Hiawatha	7/12/2011	1032-14-71	KENOSHA	IH 094	N-S FREEWAY STH 158 INTERCHANGE	STH 158 LOCAL/CROSSROADS	RECSTE	0.51
Hiawatha	8/9/2011	1035-01-75	RACINE	IH 094	N-S FREEWAY 7 MILE RD INTERCHANGE	WEST FRONTAGE RD	RECST	1.20
Hiawatha	8/9/2011	1035-01-71	RACINE	IH 094	N-S FREEWAY 7 MILE RD INTERCHANGE	EAST FRONTAGE RD	RECST	1.20
Hiawatha	8/9/2011	1035-01-78	RACINE	IH 094	N-S FREEWAY CTH G TO 7 MI RD	WEST FRONTAGE RD	RECSTE	0.91
Hiawatha	8/9/2011	1035-01-77	RACINE	IH 094	N-S FREEWAY CTH G TO 7 MI RD	EAST FRONTAGE RD	RECSTE	0.76
Hiawatha	12/13/2011	1031-07-78	KENOSHA	IH 094	N-S FREEWAY IL STE LN TO CTH C	WEST FRONTAGE RD	RECST	3.23
Hiawatha	3/13/2012	2350-13-70	RACINE	STH 032	DOUGLAS AVENUE CITY OF RACINE	GOOLD STREET TO 3 MILE ROAD	RECOND	
Hiawatha	1/8/2013	1030-22-72	KENOSHA	IH 094	N-S FREEWAY STH 142 INTERCHANGE	MAINLINE & RAMPS	RECST	0.67
Hiawatha	1/8/2013	1030-22-79	KENOSHA	IH 094	N-S FREEWAY STH 158 - STH 142	MAINLINE	RECST	0.81

TABLE 6 TOIP Corridor Projects - Southeast Region (continued)

Corridor	SCHD_DT	PROJ_ID	COUNTY	HWY	TITLE	LIMIT	CNCP_CD	NMILES
Hiawatha	1/8/2013	1030-11-78	RACINE	IH 094	N-S FREEWAY STH 20 TO CTH K	WEST FRONTAGE RD	RECST	
Hiawatha	1/8/2013	1030-11-77	RACINE	IH 094	N-S FREEWAY STH 20 TO CTH K	EAST FRONTAGE RD	RECST	
Hiawatha	1/8/2013	1030-11-74	RACINE	IH 094	N-S FREEWAY CTH K INTERCHANGE	WEST FRONTAGE RD AND LOCAL RDS	RECST	0.00
Hiawatha	1/8/2013	1030-11-70	RACINE	IH 094	N-S FREEWAY CTH K INTERCHANGE	EAST FRONTAGE RD LOCAL RDS	RECST	0.00
Hiawatha	1/8/2013	1030-25-78	RACINE	IH 094	N-S FREEWAY CTH K TO CTH G	WEST FRONTAGE RD	RECST	
Hiawatha	1/8/2013	1030-25-77	RACINE	IH 094	N-S FREEWAY CTH K TO CTH G	EAST FRONTAGE RD	RECST	1.14
Hiawatha	2/12/2013	1032-10-71	KENOSHA	IH 094	N-S FREEWAY STH 50 INTERCHANGE	STH 50 MAINLINE & LOCAL ROADS	RECSTE	1.07
Southern Tier	4/12/2011	1320-12-71	WALWORTH	STH 011	W CHESTNUT STREET	E OF CTH DD TO KENDALL STREET	RESURF	1.41
Southern Tier	3/13/2012	3230-10-70	KENOSHA	STH 050	75TH STREET CITY OF KENOSHA	IH 94 TO 43RD AVE	RESURF	4.75
Southern Tier	4/12/2012	1320-12-60	WALWORTH	STH 011	ELKHORN TO BURLINGTON ROAD	STH 120 TO CTH DD	RDMTN	5.50
Southern Tier	11/13/2012	1320-04-61	WALWORTH	STH 011	ELKHORN - BURLINGTON	IH 43 TO STH 120	RDMTN	5.07
Southern Tier	3/12/2013	3170-00-70	WALWORTH	STH 050	WILLIAMS BAY - LAKE GENEVA	GENEVA STREET TO FOREST DRIVE	RESURF	3.48
Titletown	4/12/2011	1450-01-72	OZAUKEE	IH 043	BEAM GUARD END TREATMENT UPGRADES	S COUNTY LINE TO N COUNTY LINE	MISC	
Titletown	5/10/2011	1450-09-70	OZAUKEE	IH 043	NORTH SOUTH FREEWAY	HIGHLAND ROAD BRIDGE	BRRPL	0.03
Titletown	2/14/2012	1450-16-71	OZAUKEE	IH 043	NORTH SOUTH FREEWAY	STH 32 TO N OZAUKEE COUNTY LINE	BRRPL	

TABLE 7 TOIP Corridor Projects - Southwest Region

Corridor	SCHD_DT	PROJ_ID	COUNTY	HWY	TITLE	LIMIT	CNCP_CD	NMILES
Badger State	2/8/2011	1014-00-62	SAUK	IH 090	WISCONSIN DELLS - PORTAGE	N SAUK COUNTY LINE TO CTH A	RDMTN	7.99
Badger State	6/14/2011	1014-00-63	SAUK	IH 090	WISCONSIN DELLS - PORTAGE	CTH A TO STH 33	RDMTN	11.46
Badger State	5/8/2012	1674-00-70	SAUK	USH 012	LAKE DELTON - SAUK CITY ROAD	FERN RD-W FRONTAGE LAKE DELTON	MISC	11.41
Badger State	7/10/2012	6145-00-77	SAUK	USH 012	LAKE DELTON - IH 90 ROAD	(ADAMS STREET - GASSER ROAD)	RECST	0.83
Badger State	12/11/2012	1670-02-74	SAUK	USH 012	PHILLIPS BLVD V OF SAUK CITY	(LUEDERS ROAD - WATER STREET)	RECST	0.85
Badger State	1/8/2013	1016-00-73	JUNEAU	IH 090	TOMAH - PORTAGE	SEVEN MILE CREEK TO 24TH AVENUE	PVRPLA	3.99
Badger State	1/8/2013	1016-00-63	SAUK	IH 090	TOMAH - PORTAGE	24TH AVENUE TO STH 33	RDMTN	28.58
Badger State	1/8/2013	6145-01-62	SAUK	USH 012	WISCONSIN DELLS - BARABOO	BROADWAY STREET - E ADAMS STREET	RDMTN	2.66
Badger State	1/8/2013	1016-00-61	JUNEAU	IH 090	TOMAH - PORTAGE	CAMP DOUGLAS TO SEVEN MILE CREEK	RDMTN	17.16
Badger State	2/12/2013	1023-02-69	MONROE	IH 090	TOMAH - CAMP DOUGLAS	MONROE CO B410026 27 29 32 38 39 42	BRSHRM	0.08
Badger State	3/12/2013	1070-00-72	MONROE	IH 090	LACROSSE - TOMAH RD	SPARTA SAFETY & WEIGHT FACILITY	MISC	0.01
Badger State	7/9/2013	6145-00-74	SAUK	USH 012	LAKE DELTON - IH 90 ROAD	(WHITLOCK STREET - ADAMS STREET)	RECST	0.60
BS/CAP	12/13/2011	5300-04-76	DANE	USH 012	SAUK CITY - MADISON	GAMMON ROAD INTERCHANGE	RECOND	0.04
BS/CAP	6/12/2012	1206-01-84	DANE	USH 012	MADISON - CAMBRIDGE	FISH HATCHERY RD INTERCHANGE	RECST	0.01
BS/CAP	11/13/2012	5300-04-77	DANE	USH 012	SAUK CITY - MADISON	OLD SAUK ROAD TO MINERAL POINT ROAD	RECOND	0.72
BS/WR	2/8/2011	1010-02-87	COLUMBIA	IH 039	MADISON-PORTAGE	CTH CS INTERCH STRUCTURE/B-11-151	BRRPL	0.61
BS/WR	6/14/2011	1010-02-64	COLUMBIA	IH 039	MADISON - PORTAGE	CTH CS TO STH 78	BRSHRM	2.37
BS/WR	12/13/2011	1010-02-67	COLUMBIA	IH 039	MADISON - PORTAGE	WISCONSIN RIVER BRIDGES B-11-22&23	BRSHRM	0.01
BS/WR/SCC/CAP	3/8/2011	1001-04-75	DANE	IH 039	BELOIT - MADISON	STH 106 TO CTH B	RESURF	6.95
BS/WR/SCC/CAP	6/14/2011	1001-01-61	DANE	IH 039	JANESVILLE - MADISON	CTH B TO USH 12	RDMTN	9.09
BS/WR/SCC/CAP	1/10/2012	1010-01-78	DANE	IH 039	MADISON - LAKE DELTON ROAD	(USH 51 OVERPASS STRUCTURES)	BRRHB	0.05
BS/WR/SCC/CAP	11/13/2012	1010-00-72	DANE	IH 039	MADISON - LAKE DELTON ROAD	(LIEN ROAD TO USH 51)	RESURF	4.84
BS/WR/SCC/CAP	12/11/2012	1011-04-77	DANE	IH 039	MADISON - PORTAGE	CTH I OVERPASS B-13-0639	BRRPL	0.01
Capitol	11/13/2012	6085-00-76	DANE	STH 019	IH 39 - SUN PRAIRIE	TOKEN CREEK STRS-B-13-608/609	BRRPL	0.23
Capitol	12/11/2012	5290-01-72	DANE	STH 019	MAIN STREET VILLAGE OF WAUNAKEE	KLEIN DRIVE TO DIVISION STREET	RECOND	0.81
Capitol	5/14/2013	1370-02-77	JEFFERSON	STH 016	WATERTOWN - WAUKESHA	CTH F INTERSECTION	RECST	0.20
CH/CAP	7/10/2012	1206-07-79	DANE	USH 018	MOUNT HOREB - MADISON	CTH PD INTERSECTION	RECOND	0.44
CH/CAP	3/12/2013	1206-07-77	DANE	USH 018	MOUNT HOREB - MADISON	RAYMOND ROAD TO SEMINOLE HIGHWAY	RECST	1.10
CH/WG/CAP	5/10/2011	1111-02-77	DANE	USH 151	C SUN PRAIRIE USH 151	MAIN STREET INTERCHANGE	RECST	0.37
CH/WG/CAP	12/13/2011	5992-09-70	DANE	USH 151	E WASHINGTON AVE CITY OF MADISON	THIERER ROAD TO E SPRING DRIVE	PVRPLA	0.79
Cornish Heritage	3/8/2011	1650-06-71	GRANT	USH 061	DICKEYVILLE - LANCASTER	HICKORY LANE TO ALONA LANE	PVRPLA	17.67
Cornish Heritage	6/14/2011	1200-01-72	GRANT	USH 061	DUBUQUE - DICKEYVILLE ROAD	(MISSISSIPPI RIVER - CTH HH)	RDMTN	7.54
Cornish Heritage	7/9/2013	1200-01-74	GRANT	USH 061	DUBUQUE - DICKEYVILLE	EAGLE PT RD OVERPASS B22273/B2261	BRRPL	0.09
Coulee Country	3/25/2012	1071-05-74	LA CROSSE	IH 090	LACROSSE-SPARTA	DRESBACH BRIDGE	BRRPL	0.01
Coulee Country	1/8/2013	7575-01-60	LA CROSSE	STH 016	LACROSSE - SPARTA	GILLETTE STREET TO STH 157	RDMTN	1.41
Coulee Country	2/12/2013	1071-07-77	LA CROSSE	IH 090	LACROSSE - SPARTA	STH 16 TO CTH C	RESURF	6.62
Coulee Country	5/14/2013	7016-00-72	MONROE	STH 016	SPARTA - TOMAH	STH 71 E INTERSECTION	RECST	0.11
Coulee Country	7/9/2013	1071-06-65	LA CROSSE	IH 090	STH 157 INTERCHANGE BRIDGES	B-32-55 & 56 OVER I90 AT STH 157	BRSHRM	0.00
South Central Connection	3/8/2011	5156-05-71	DANE	USH 014	MADISON - OREGON	BELTLINE TO CTH MM	RESURF	6.77
South Central Connection	8/9/2011	5155-02-80	DANE	USH 014	MADISON - EVANSVILLE	NEW LACY ROAD INTERCHANGE	BRNEW	0.00
South Central Connection	3/13/2012	5156-05-72	DANE	USH 014	MADISON - OREGON	CTH MM INTERCHANGE	RECOND	0.03
South Central Connection	7/10/2012	6020-02-71	DANE	USH 051	MADISON - DEFOREST	REARDON ROAD TO VINBURN ROAD	RECSTE	2.15
South Central Connection	5/14/2013	1001-03-74	ROCK	IH 039	C JANESVILLE	STH 11 N JCT INTERCHANGE	RECST	0.57
Wild Goose	5/10/2011	1111-09-73	DODGE	USH 151	BEAVER DAM BYPASS	(UNION PACIFIC RR-CTH E) S B LANES	PVRPLA	3.30
Wild Goose	5/10/2011	1111-09-80	DODGE	USH 151	BEAVER DAM BYPASS	(CTH D INTERCHANGE)	RECST	1.46
Wild Goose	3/12/2013	1112-06-72	DODGE	USH 151	BEAVER DAM - FOND DU LAC	WISCONSIN & SOUTHERN RR CROSSING	BRNEW	0.50