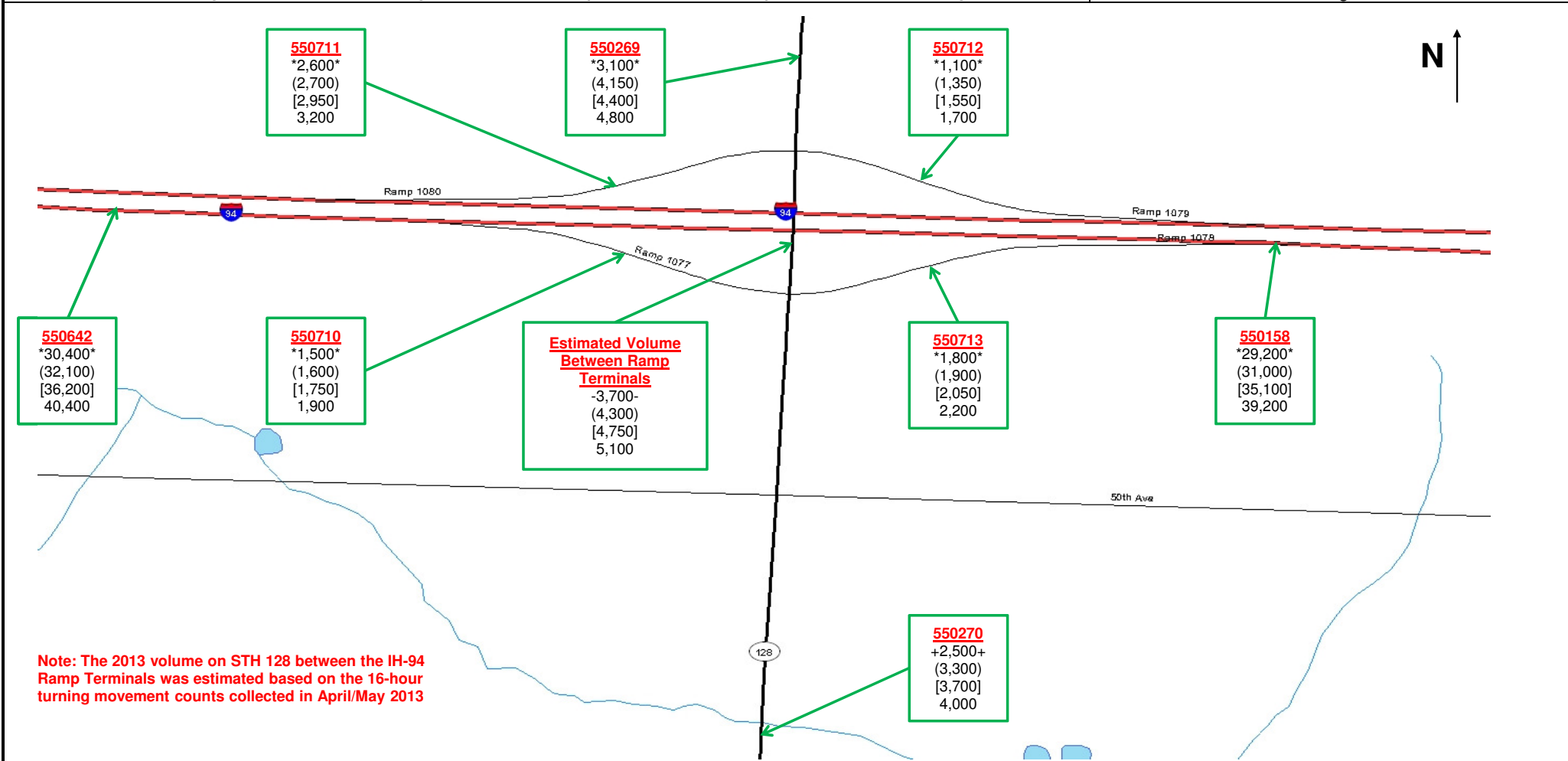




XXXXXX = Site IDs				Traffic Counts -000- 2013 Count *000* 2012 Count +000+ 2009 Count	Forecasted Volumes: (000) 2016 AADT [000] 2026 AADT 000 2036 AADT	NOTES ON THE FORECAST: 1. This projection assumes that no major new traffic generators will be developed in the area served by the roadway or intersection over the course of the planning period. 2. Total truck percentages were taken from 2011 Wisconsin Vehicle Length Distribution Data for Site # 550002, IH-94 2.0 miles east of USH 63, Hershey, St. Croix County. 3. Truck classification percentages for STH 128 were taken from the 2012 Wisconsin Vehicle Classification Data for site #550269, STH 128 north of IH-94, Cady Township, St. Croix County.	MORE NOTES ON THE FORECAST: 4. IH-94 is a factor group III (rural-interstate) highway indicating low to moderate fluctuation in traffic from a seasonal perspective. It is functionally classified as a rural interstate (1) for count purposes. 5. STH 128 is a factor group IV (rural-other) highway indicating low to moderate fluctuation in traffic from a seasonal perspective. It is functionally classified as a rural minor arterial (6) for count purposes. 6. The St. Croix Regional Travel Demand Model was used to complete this forecast. The Traffic Analysis Forecasting Information System output was used as a comparison tool to check against the model output. Adjustments were made as needed.
Design Values (%)							
Sites →	550642	550269					
Routes →	IH-94	STH 128					
Volume(s):	40,400	4,800					
K250	9.2	9.5		Truck Class Percents			
K100	9.9	10.3		Class	550642	550269	
K30	10.7	11.2		2D	3.6	8.9	
P	12.7	13.4		3AX	0.7	0.6	
				2S1+2S2	3.7	4.4	
D(Dsgn. Hr.)	58/42	60/40		3-S2	15.9	4.8	
T(DHV)	16.3	15.8		DBL-BTM	1.5	0.1	
T(PHV)	8.9	8.5		TOTAL	25.4%	18.8%	

NOTES ON THE FORECAST:

- This projection assumes that no major new traffic generators will be developed in the area served by the roadway or intersection over the course of the planning period.
- Total truck percentages were taken from 2011 Wisconsin Vehicle Length Distribution Data for Site # 550002, IH-94 2.0 miles east of USH 63, Hershey, St. Croix County.
- Truck classification percentages for STH 128 were taken from the 2012 Wisconsin Vehicle Classification Data for site #550269, STH 128 north of IH-94, Cady Township, St. Croix County.

MORE NOTES ON THE FORECAST:

- IH-94 is a factor group III (rural-interstate) highway indicating low to moderate fluctuation in traffic from a seasonal perspective. It is functionally classified as a rural interstate (1) for count purposes.
- STH 128 is a factor group IV (rural-other) highway indicating low to moderate fluctuation in traffic from a seasonal perspective. It is functionally classified as a rural minor arterial (6) for count purposes.
- The St. Croix Regional Travel Demand Model was used to complete this forecast. The Traffic Analysis Forecasting Information System output was used as a comparison tool to check against the model output. Adjustments were made as needed.

WisDot Bureau of Planning
Traffic Forecasting Section
Forecast by: Vicki Haskell
Phone: 608-266-2571
Email: vicki.haskell@dot.wi.gov

Projected AM Design Hour Traffic Volumes

Design Hour: 6:45 AM - 7:45 AM

Forecast Completed: July 25, 2013

Project Description

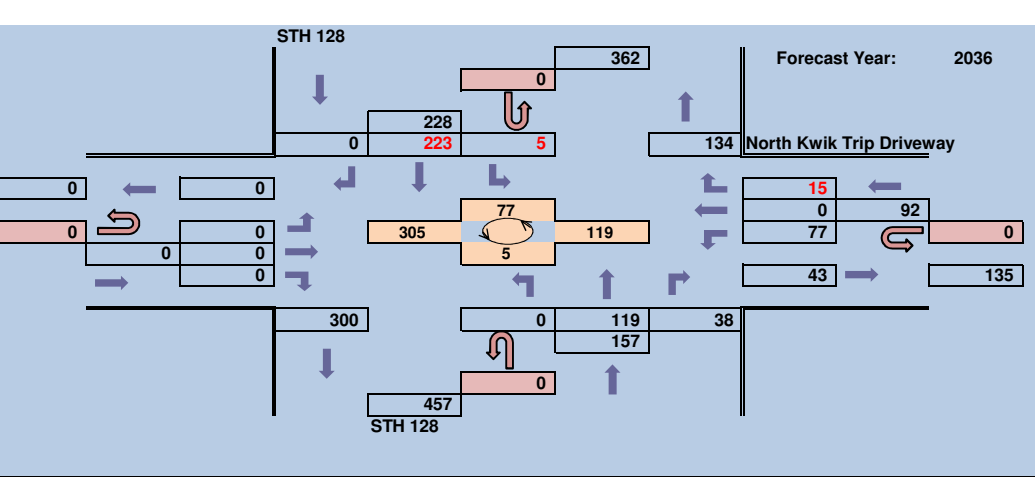
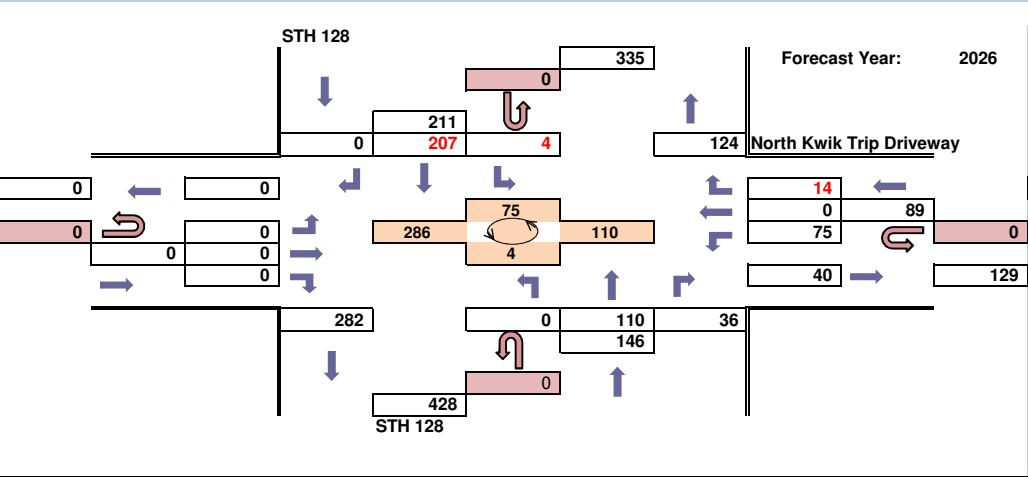
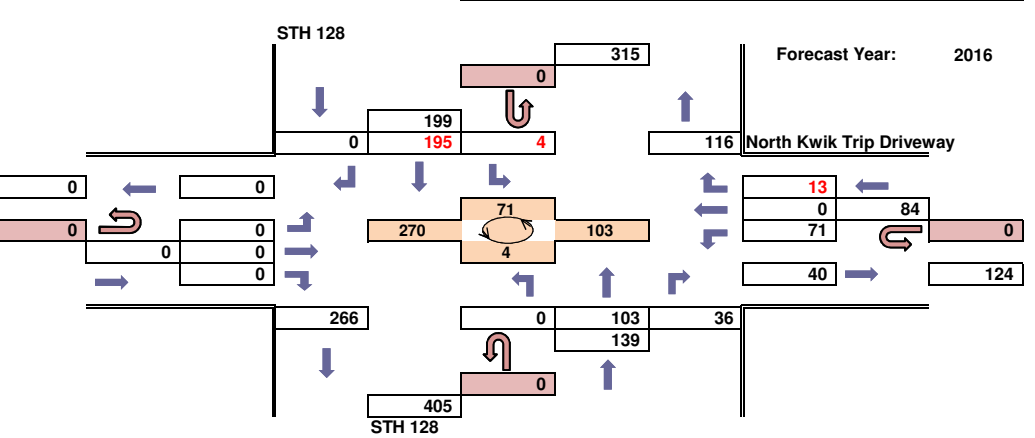
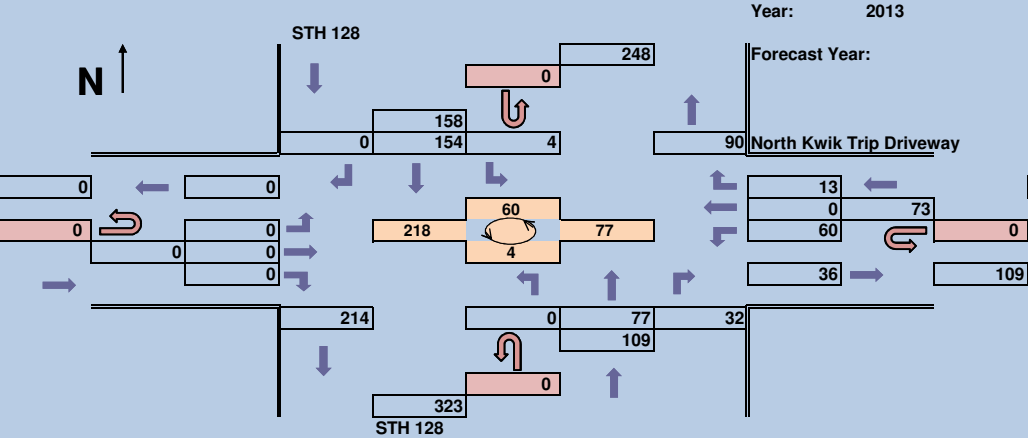
Project ID: 1021-01-00/70

Location: STH 128 @ North Kwik Trip Driveway

Route: STH 128

Region/County: NW/St. Croix

Design Hour Turning Movement Data



WisDot Bureau of Planning
Traffic Forecasting Section
Forecast by: Vicki Haskell
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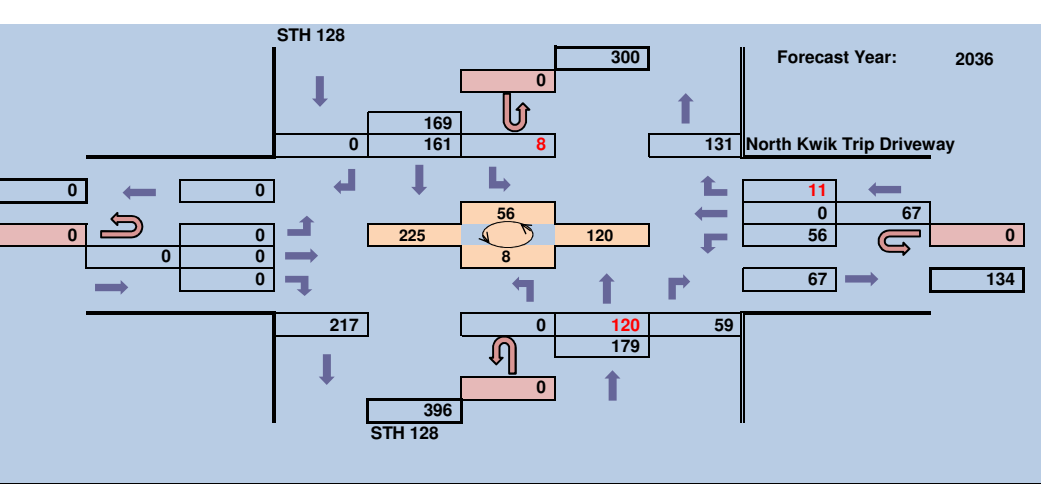
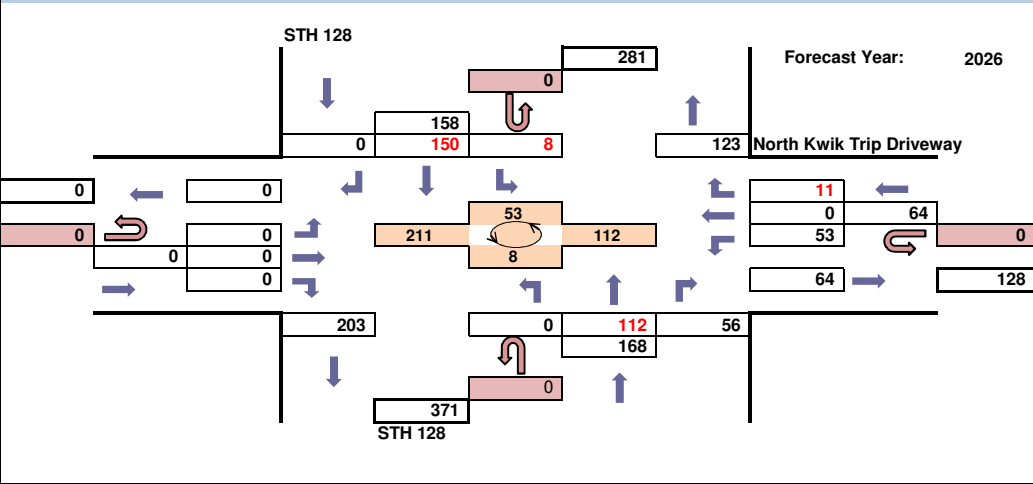
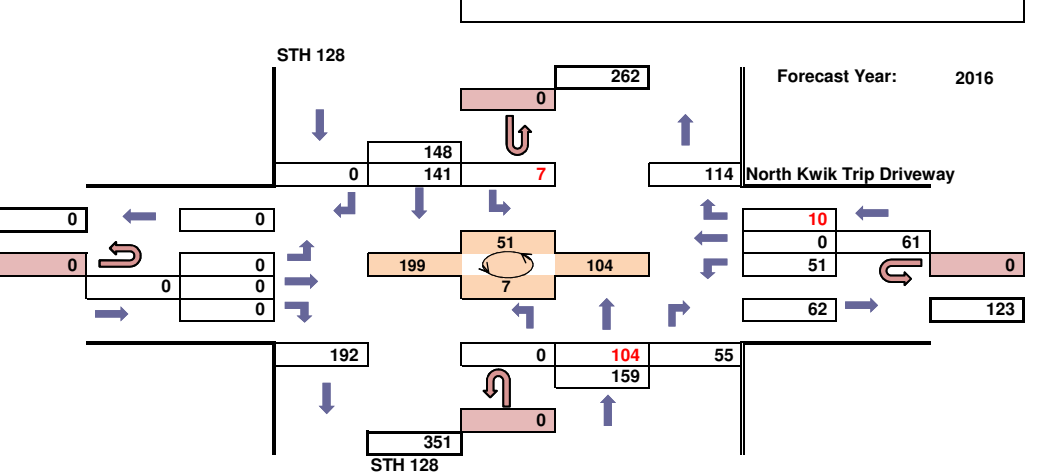
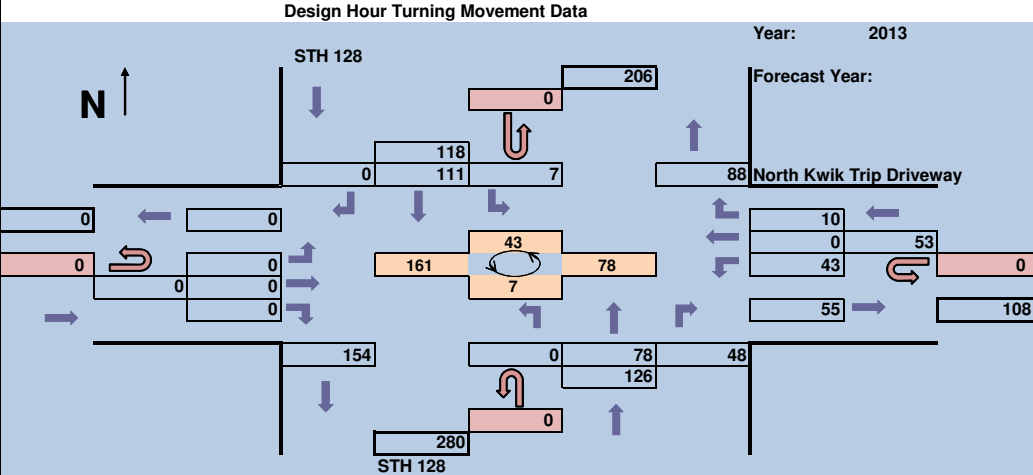
Projected Midday Design Hour Traffic Volumes

Design Hour: 11:45 AM - 12:45 PM

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ North Kwik Trip Driveway
Route: STH 128
Region/County: NW/St. Croix



WisDot Bureau of Planning
Traffic Forecasting Section
Forecast by: Vicki Haskell
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Projected PM Design Hour Traffic Volumes

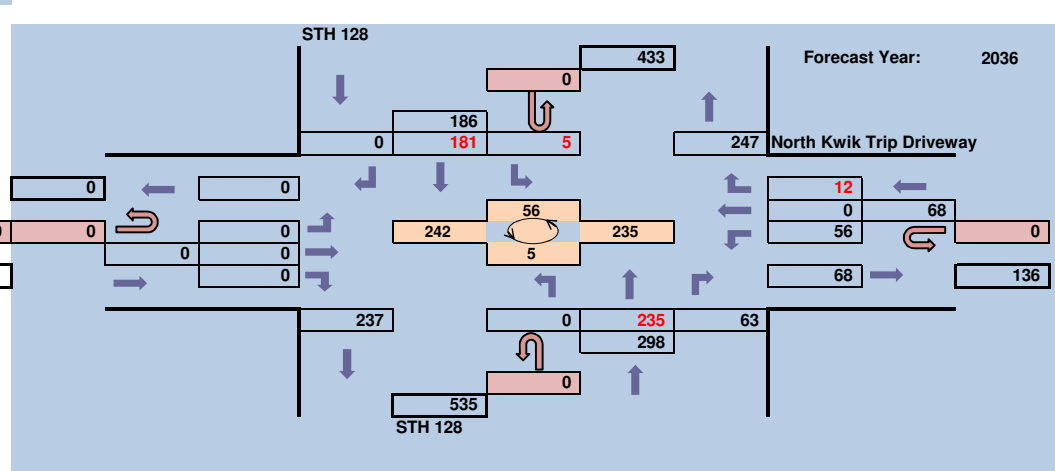
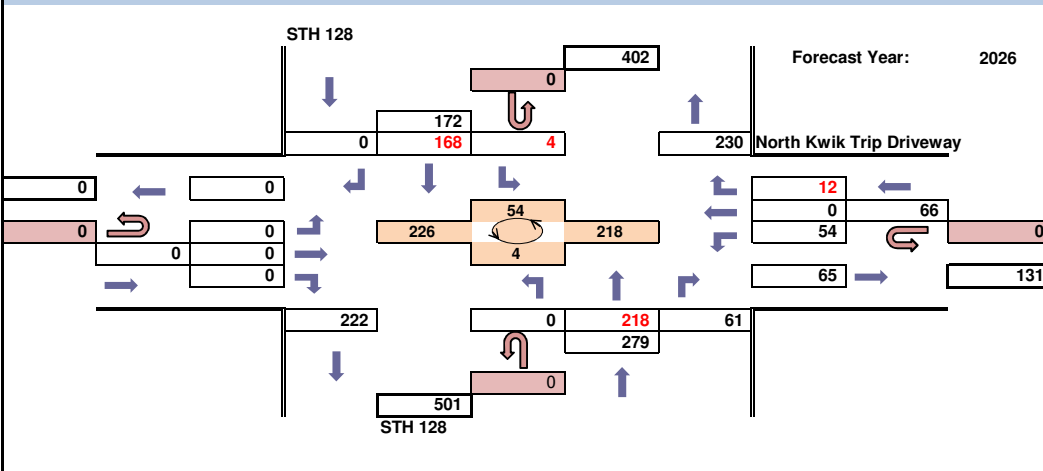
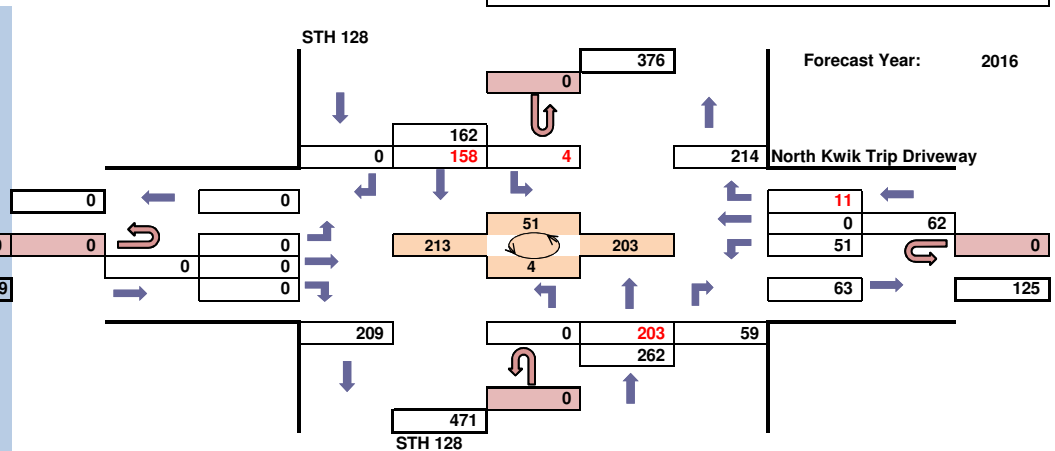
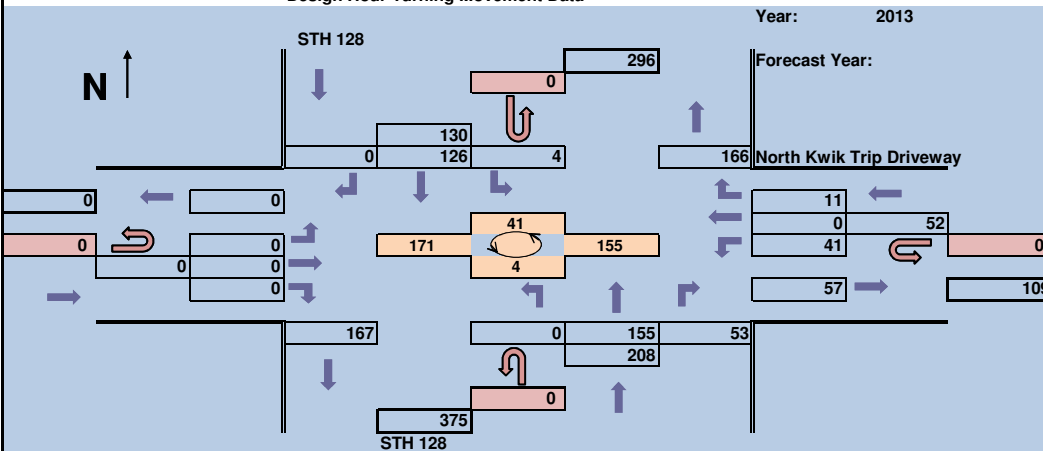
Design Hour: 4:30 PM - 5:30 PM

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ North Kwik Trip Driveway
Route: STH 128
Region/County: NW/St. Croix

Design Hour Turning Movement Data



WisDot Bureau of Planning
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Projected Average Annual Daily Traffic Volumes

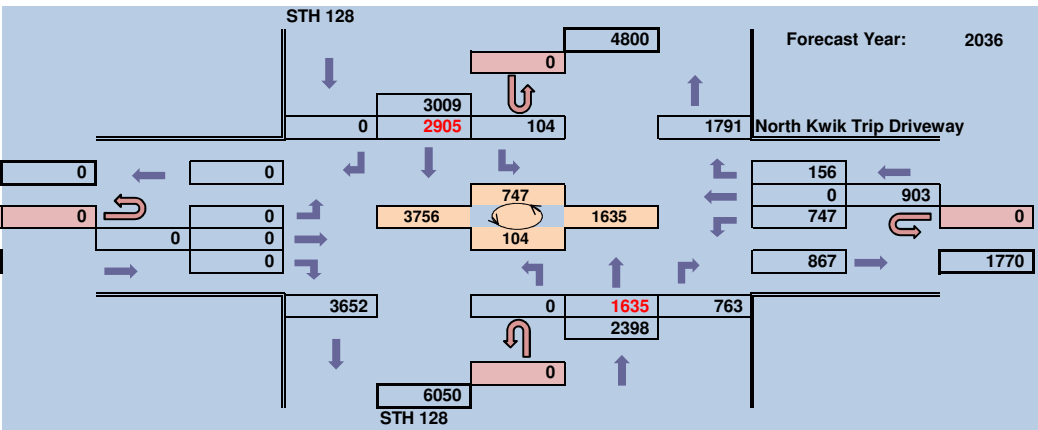
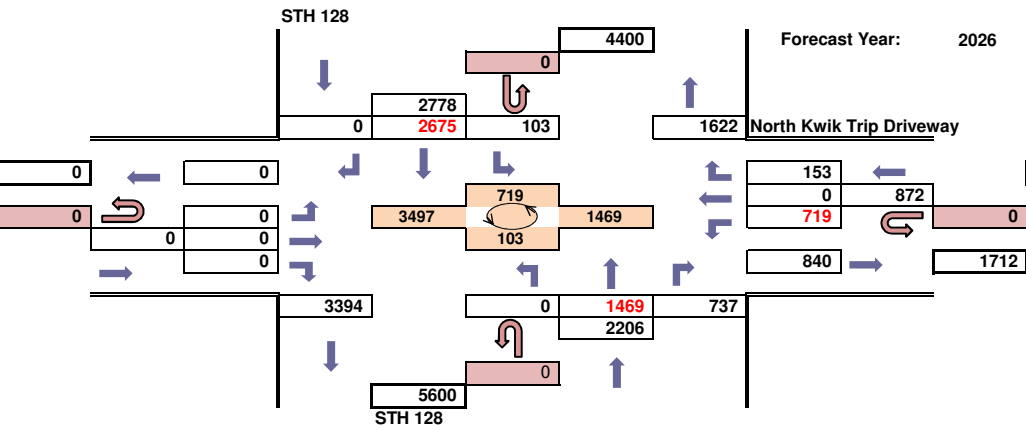
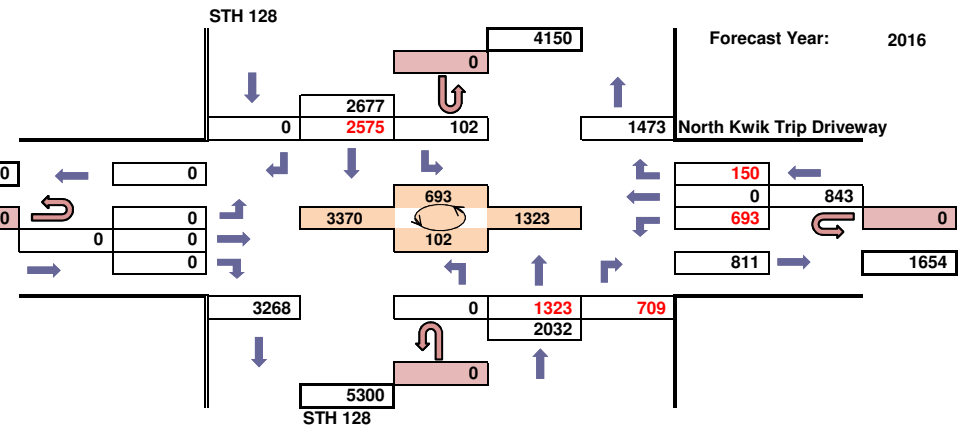
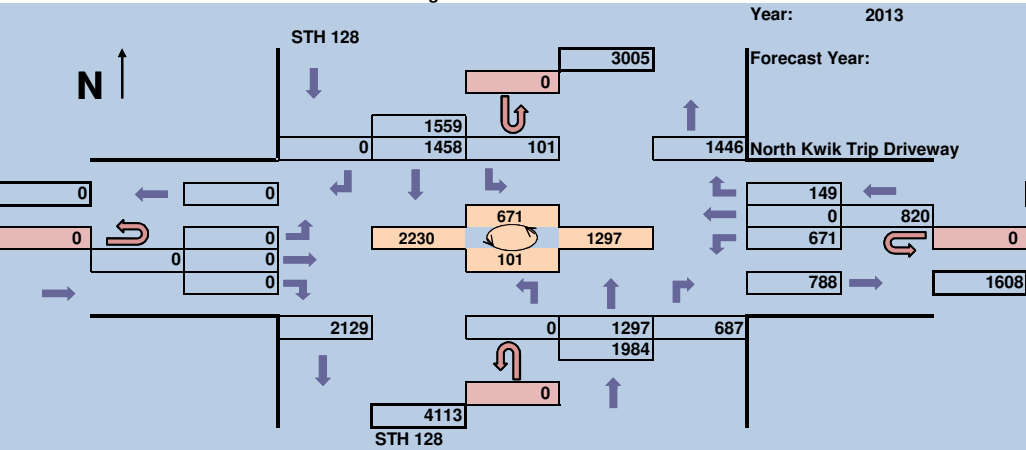
Design Hour: N/A

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ North Kwik Trip Driveway
Route: STH 128
Region/County: NW/St. Croix

Turning Movement Data



WisDot Bureau of Planning
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Email: vicki.haskell@dot.wi.gov

Projected AM Design Hour Traffic Volumes

Design Hour: 11:45 AM - 12:45 PM

Forecast Completed: July 25, 2013

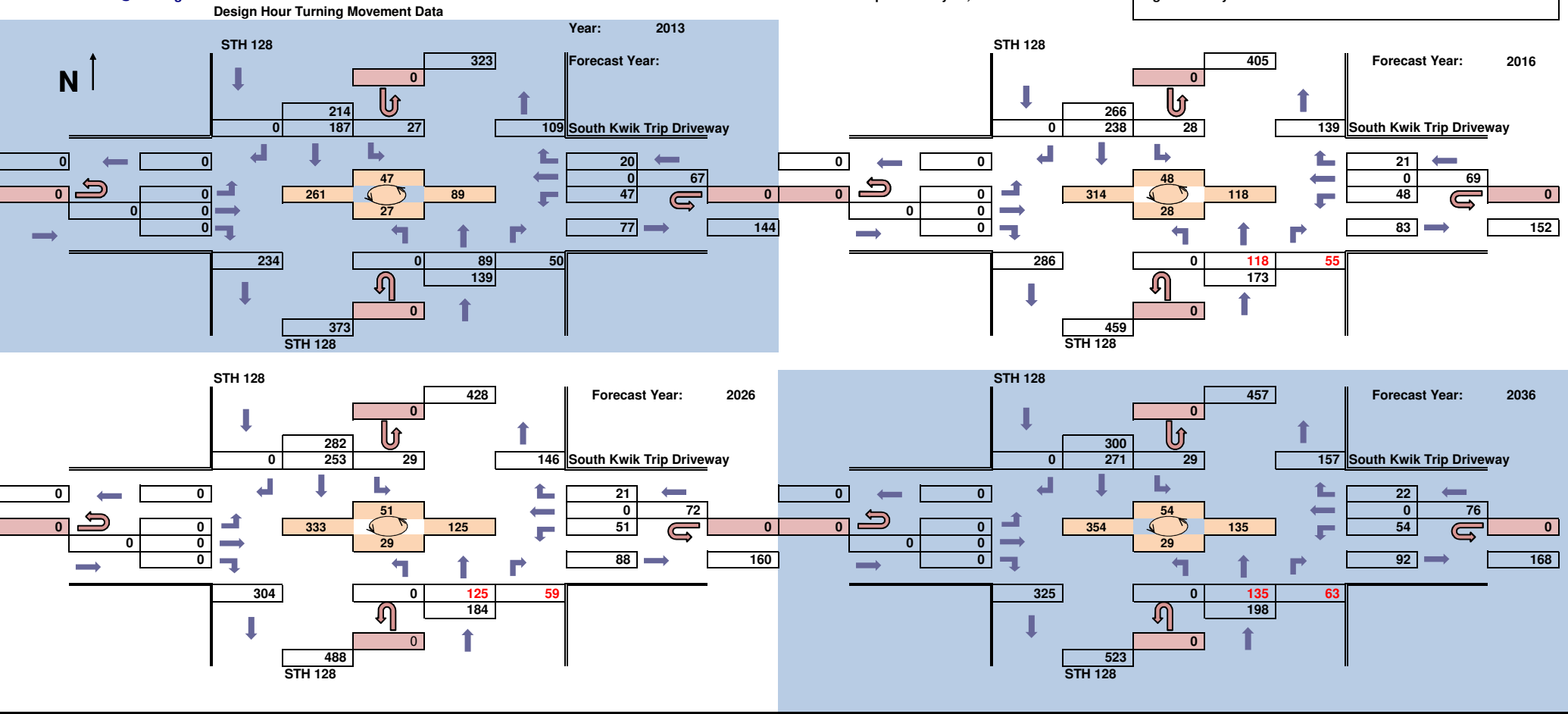
Project Description

Project ID: 1021-01-00/70

Location: STH 128 @ South Kwik Trip Driveway

Route: STH 128

Region/County: NW/St. Croix



WisDot Bureau of Planning
Traffic Forecasting Section
Forecast by: Vicki Haskell
Phone: 608-266-2571
Email: vicki.haskell@dot.wi.gov

Projected Midday Design Hour Traffic Volumes

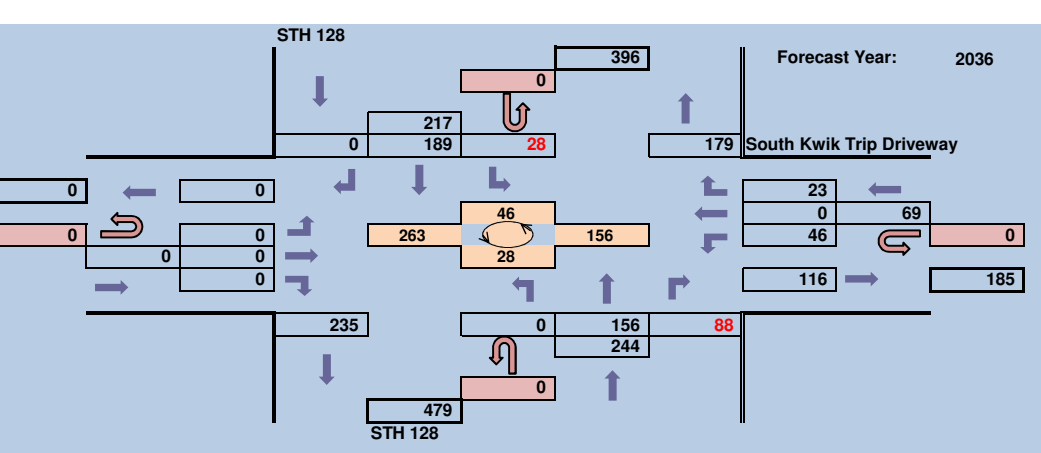
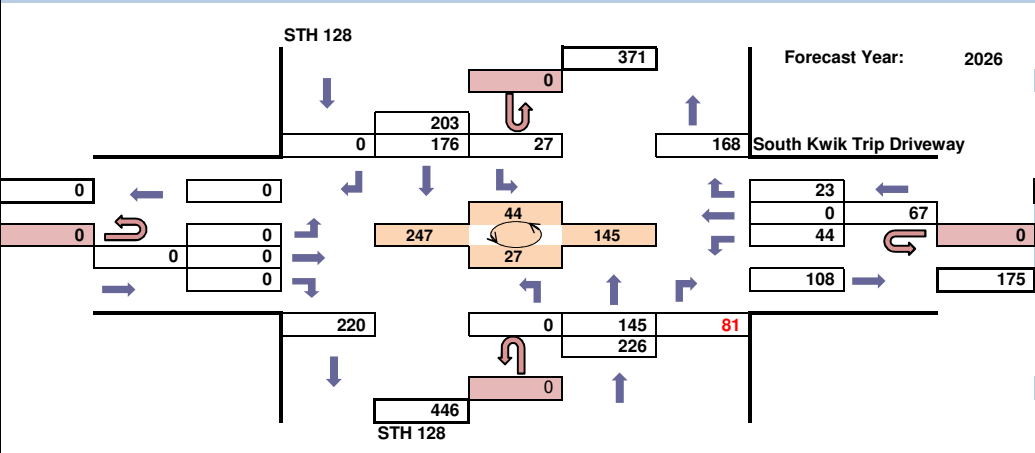
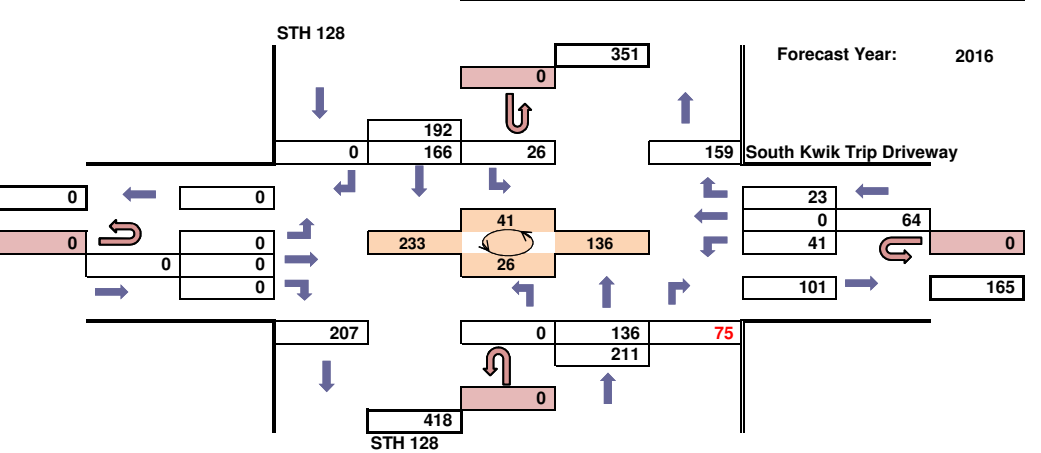
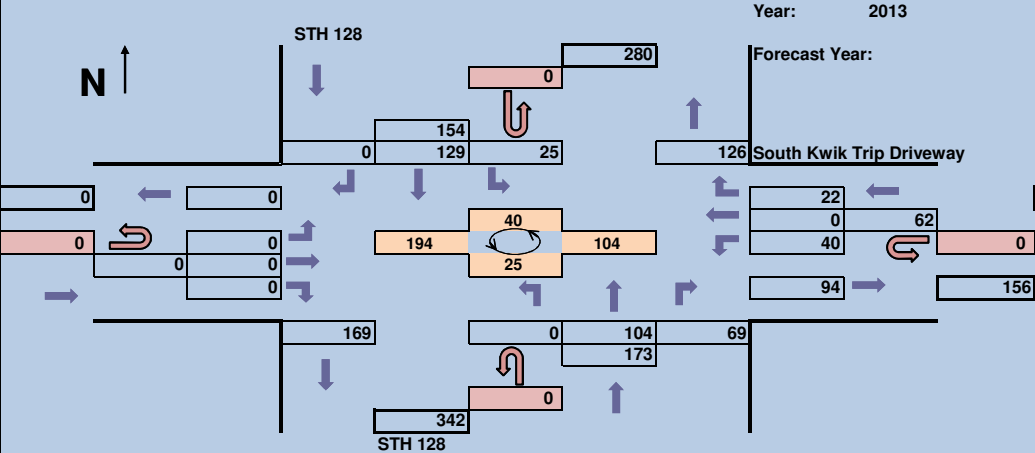
Design Hour: 11:45 AM - 12:45 PM

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ South Kwik Trip Driveway
Route: STH 128
Region/County: NW/St. Croix

Design Hour Turning Movement Data



WisDot Bureau of Planning
Traffic Forecasting Section
Forecast by: Vicki Haskell
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Projected PM Design Hour Traffic Volumes

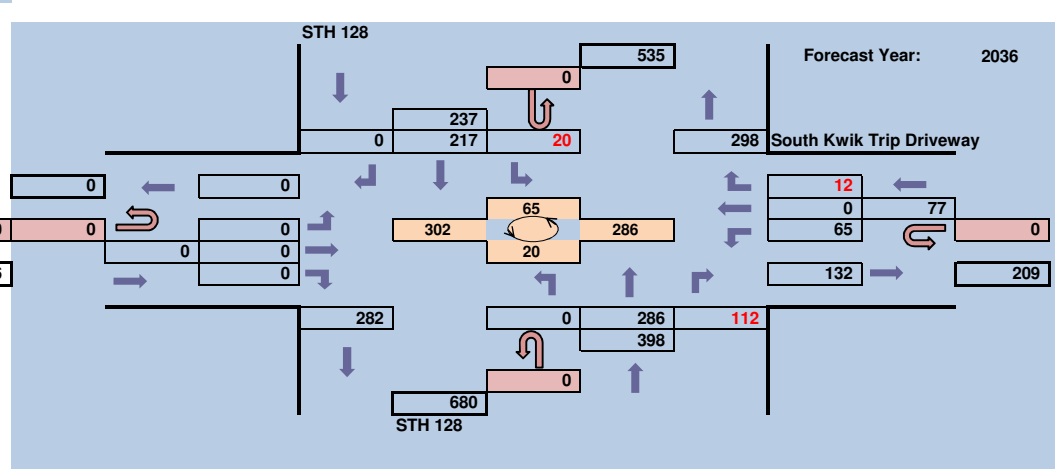
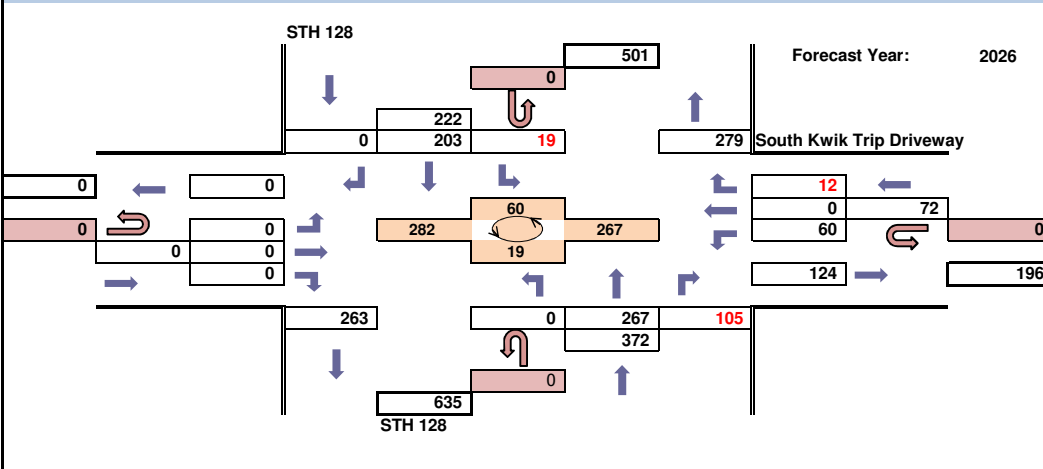
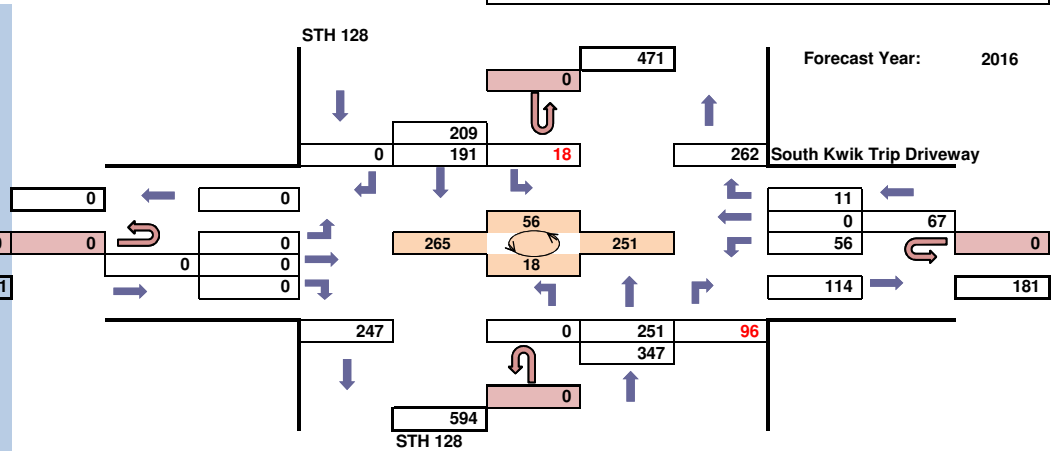
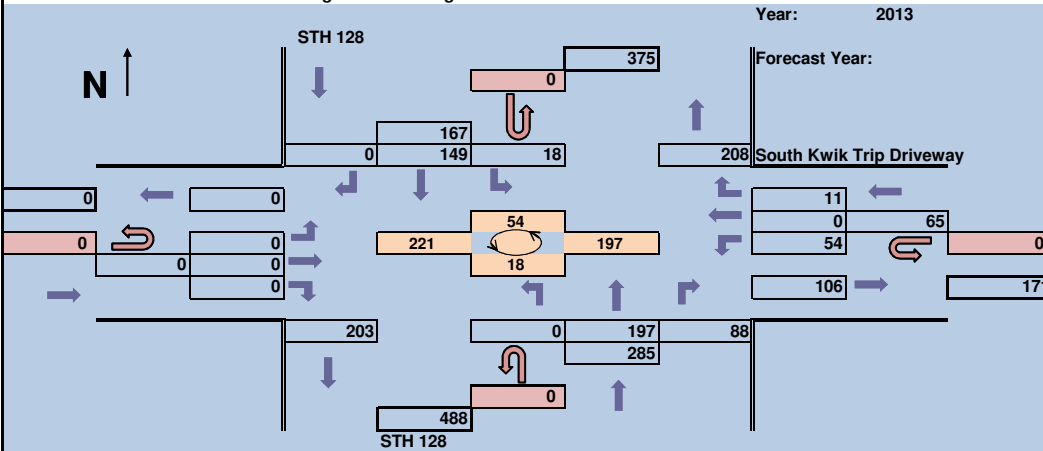
Design Hour: 4:30 PM - 5:30 PM

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ South Kwik Trip Driveway
Route: STH 128
Region/County: NW/St. Croix

Design Hour Turning Movement Data



WisDot Bureau of Planning
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Projected Average Annual Daily Traffic Volumes

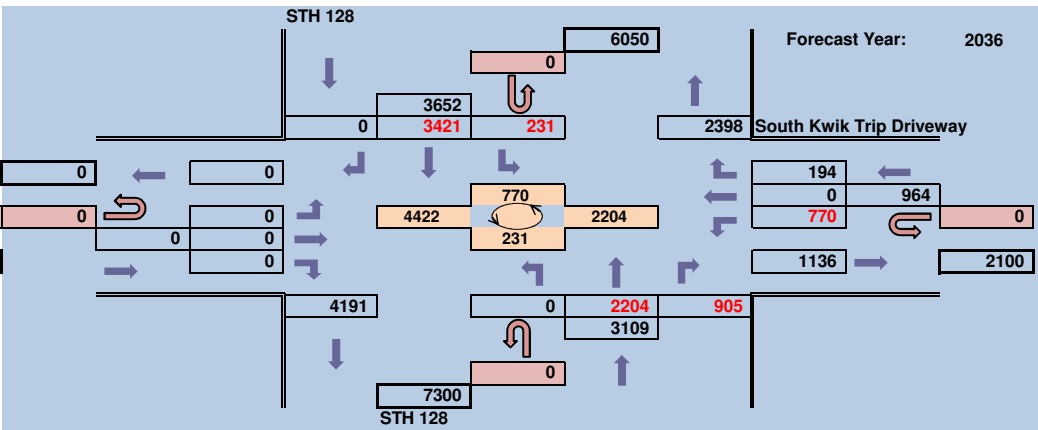
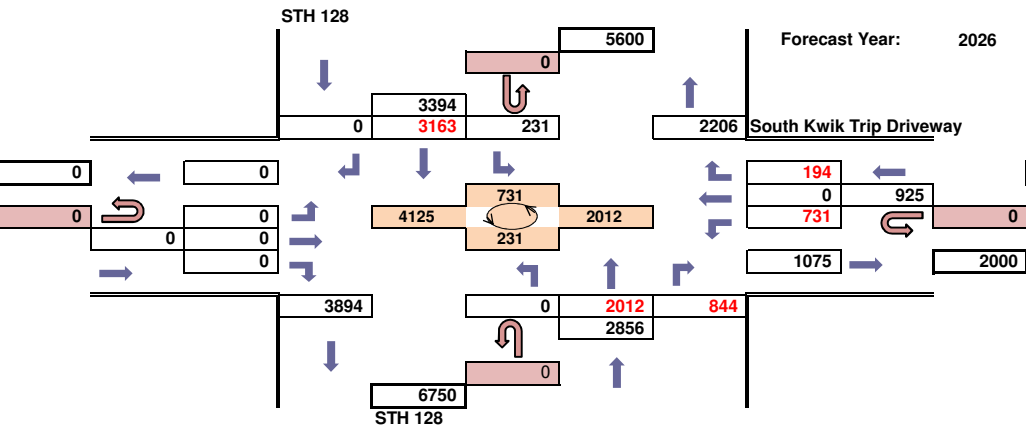
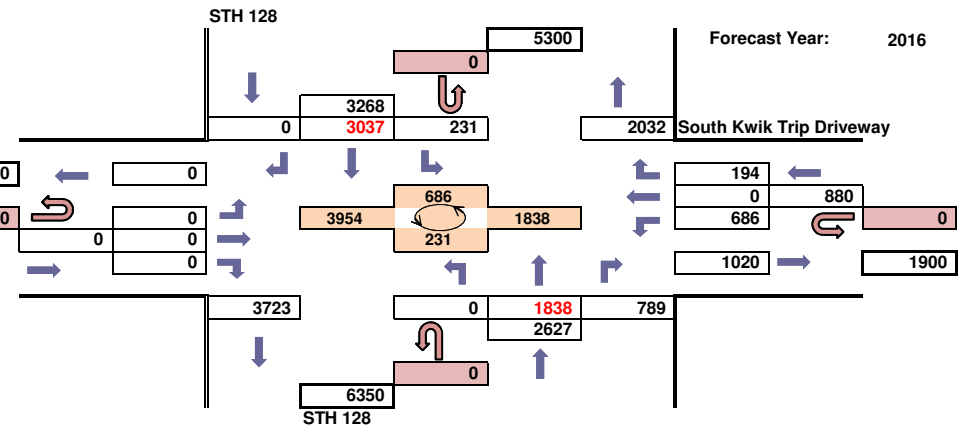
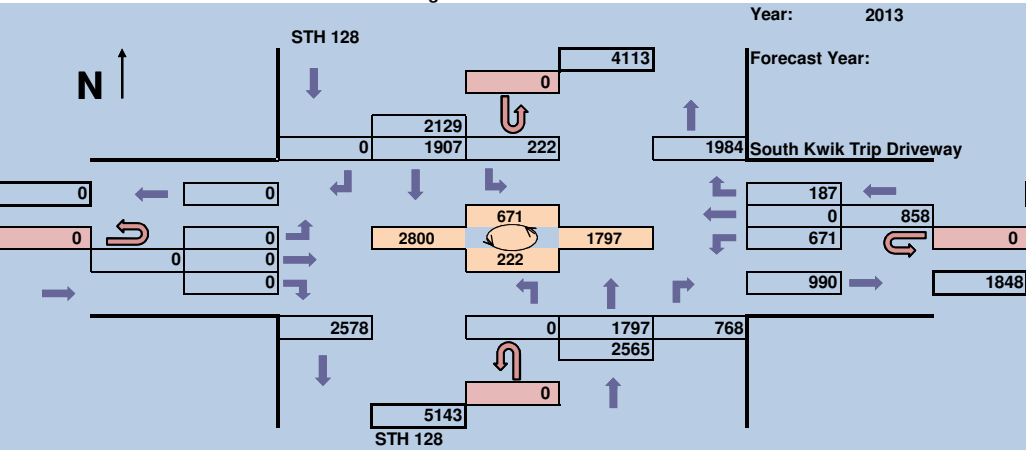
Design Hour: N/A

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ South Kwik Trip Driveway
Route: STH 128
Region/County: NW/St. Croix

Turning Movement Data



WisDot Bureau of Planning
Traffic Forecasting Section
Forecast by: Vicki Haskell
Phone: 608-266-2571
Email: vicki.haskell@dot.wi.gov

Projected AM Design Hour Traffic Volumes

Design Hour: 11:45 AM - 12:45 PM

Forecast Completed: July 25, 2013

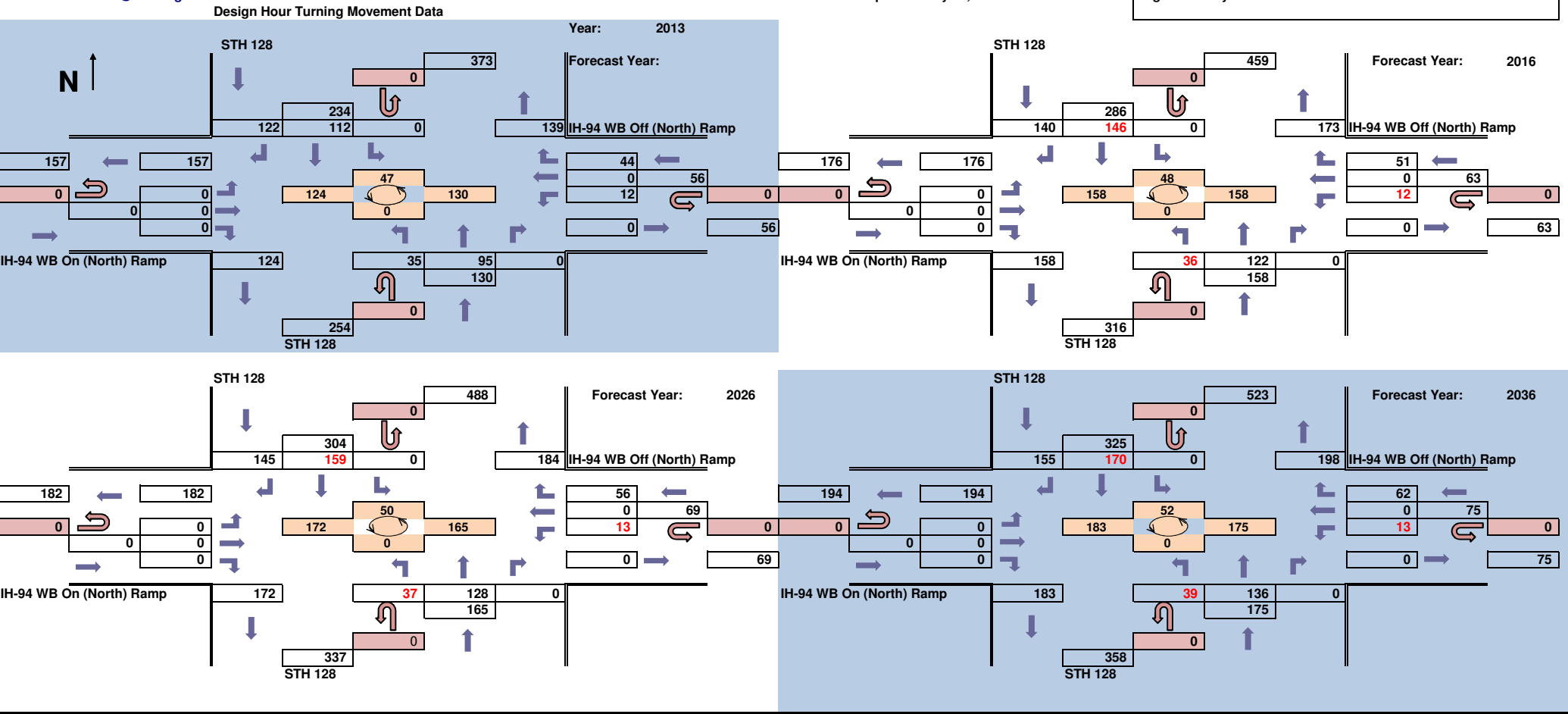
Project Description

Project ID: 1021-01-00/70

Location: STH 128 @ IH-94 WB (North) Ramp

Route: STH 128

Region/County: NW/St. Croix



WisDot Bureau of Planning
Traffic Forecasting Section
Forecast by: Vicki Haskell
Phone: 608-266-2571
Email: vicki.haskell@dot.wi.gov

Projected Midday Design Hour Traffic Volumes

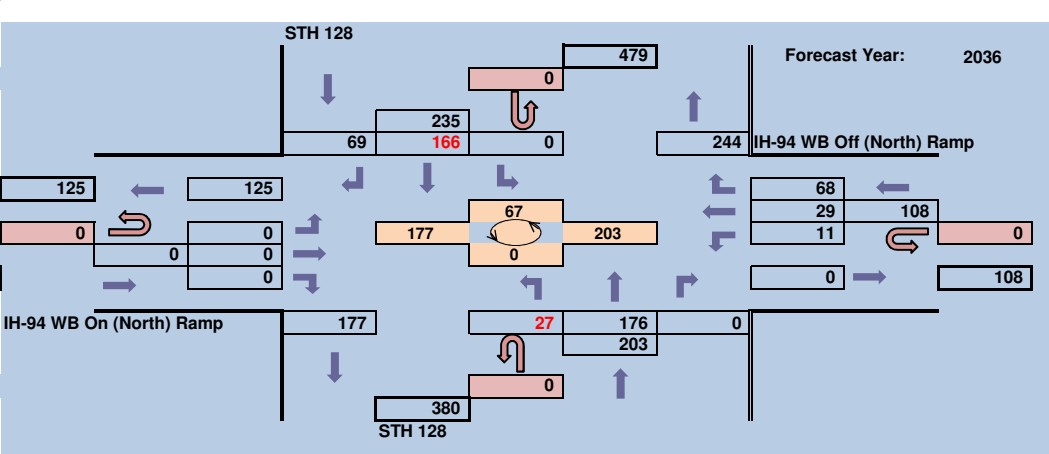
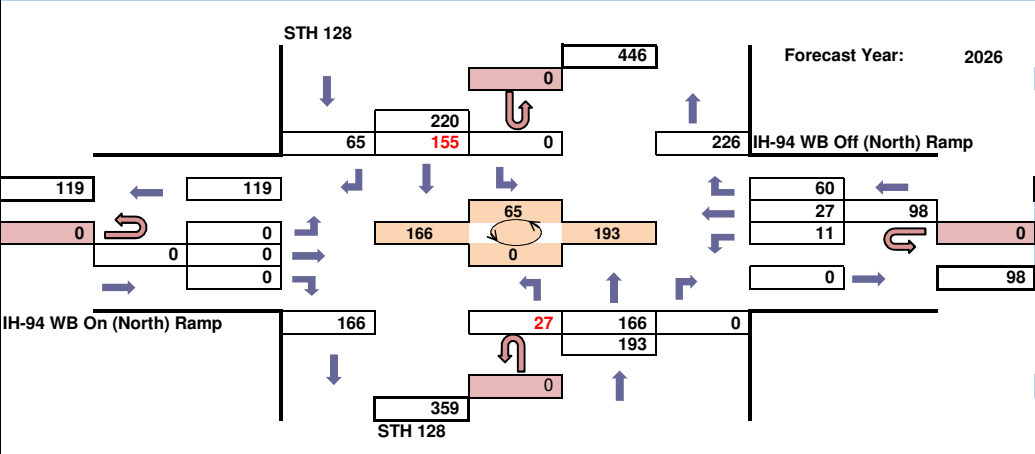
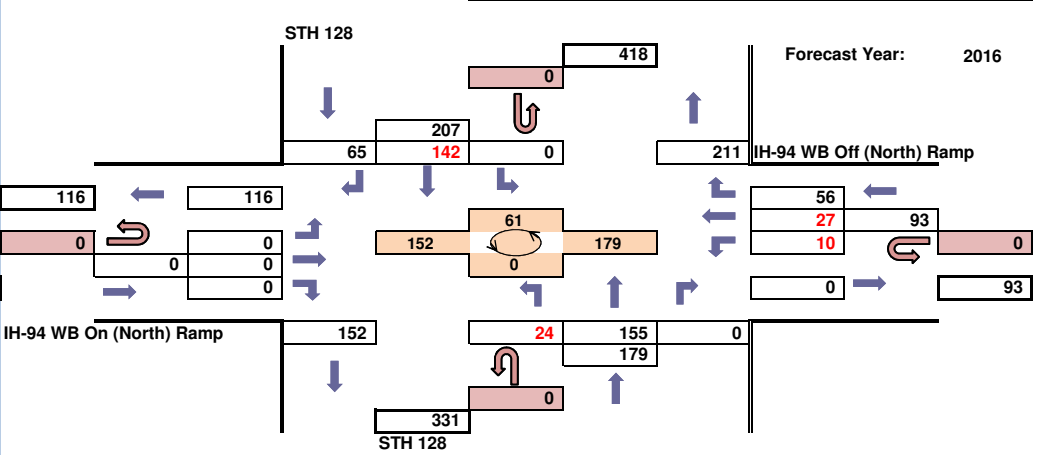
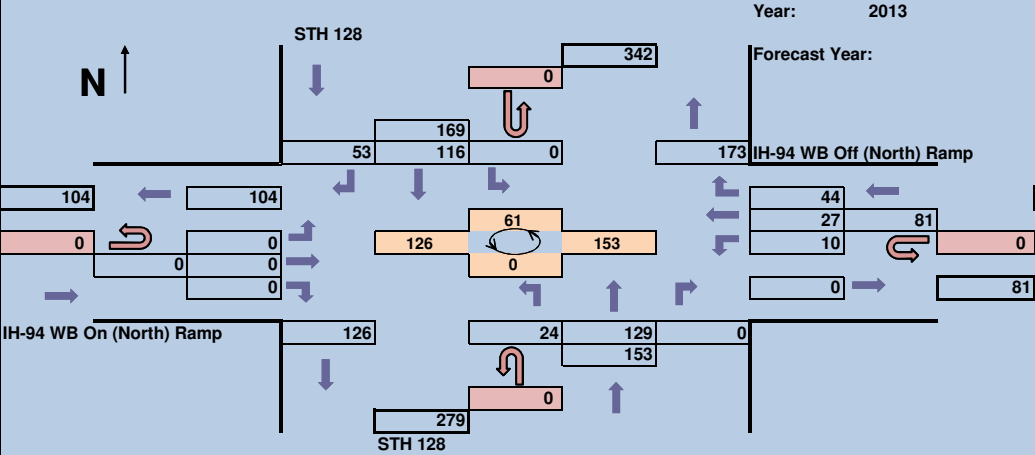
Design Hour: 11:45 AM - 12:45 PM

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ IH-94 WB (North) Ramp
Route: STH 128
Region/County: NW/St. Croix

Design Hour Turning Movement Data



Projected PM Design Hour Traffic Volumes

Design Hour: 4:30 PM - 5:30 PM

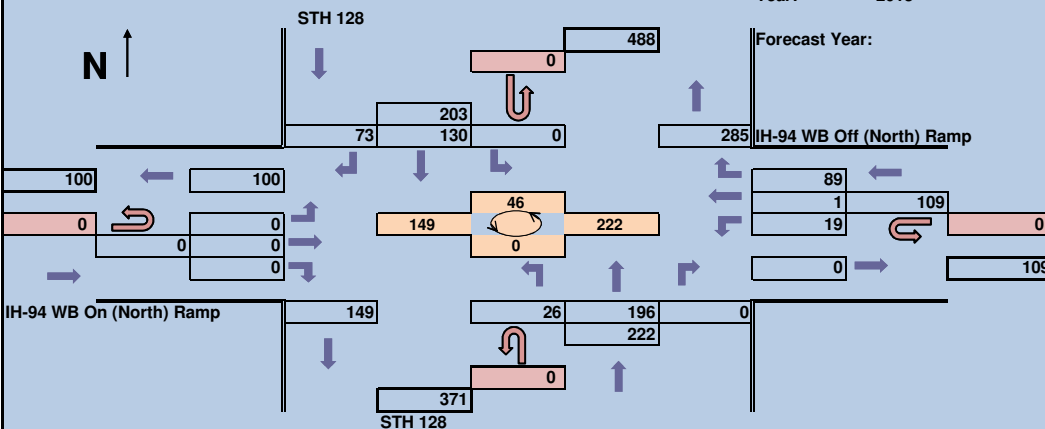
Forecast Completed: July 25, 2013

Project Description	
---------------------	--

Project ID: 1021-01-00/70
Location: STH 128 @ IH-94 WB (North) Ramp
Route: STH 128
Region/County: NW/St. Croix

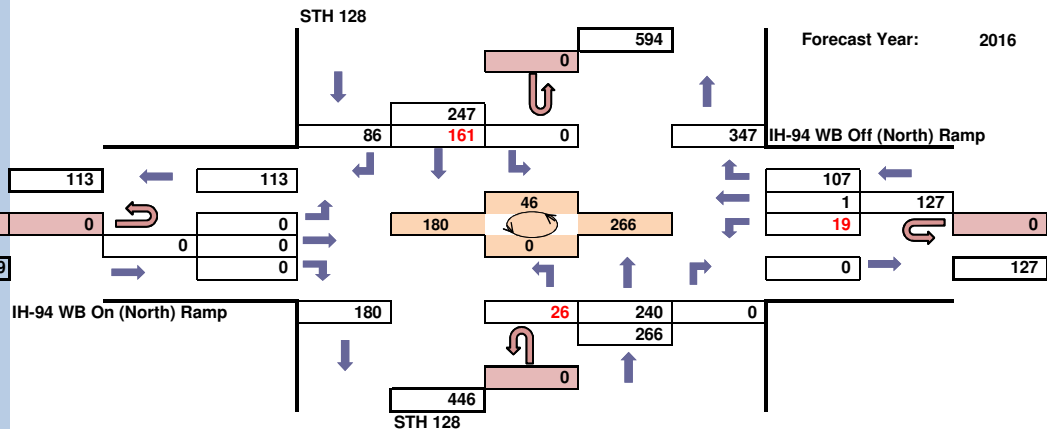
Design Hour Turning Movement Data

Year: 2013

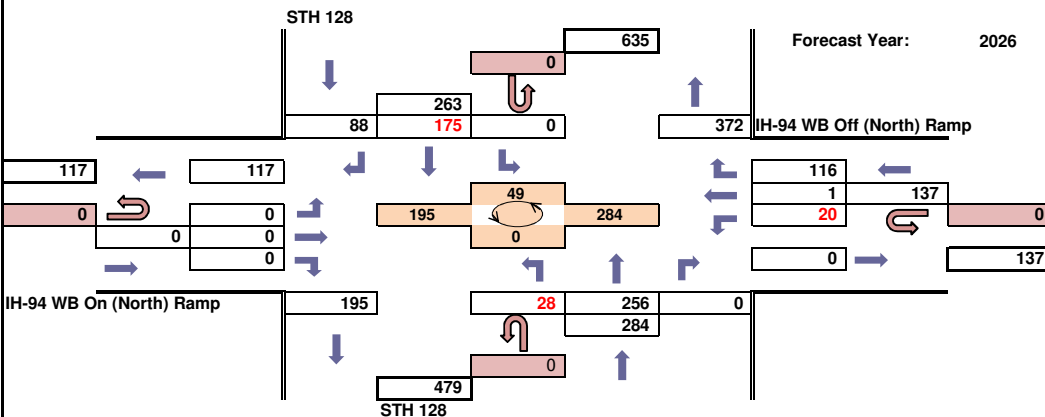
||Forecast Year:

STH 128

Forecast Year: 2016

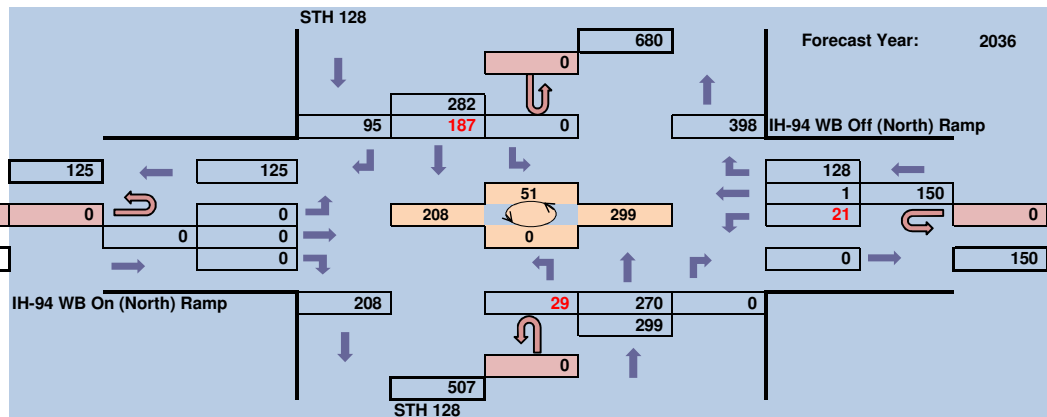
**STH 128**

Forecast Year: 2026



STH 128

Forecast Year: 2036



WisDot Bureau of Planning
Traffic Forecasting Section
Forecast by: Vicki Haskell
Phone: 608-266-2571
Email: vicki.haskell@dot.wi.gov

Projected Average Annual Daily Traffic Volumes

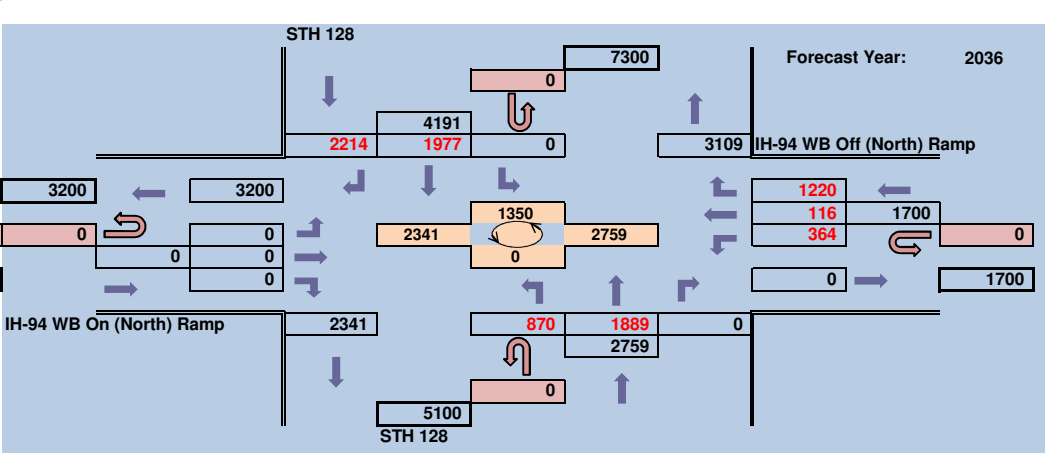
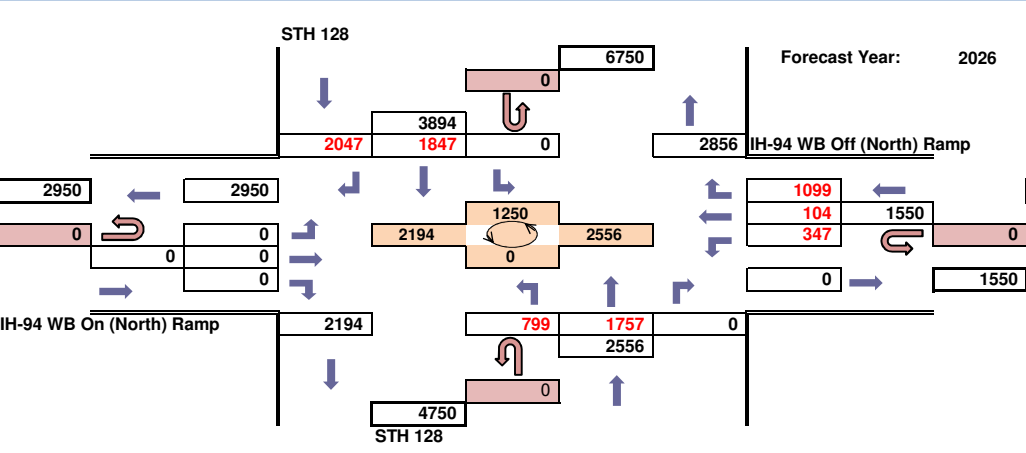
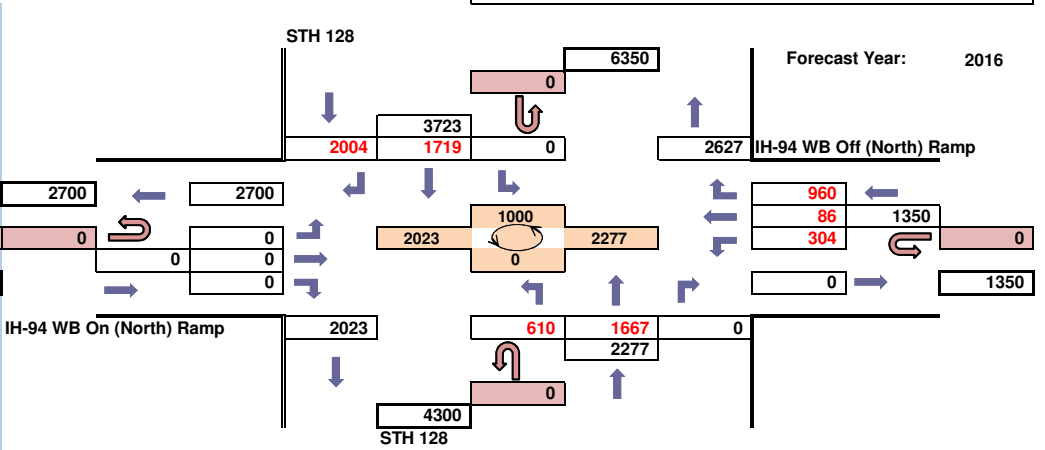
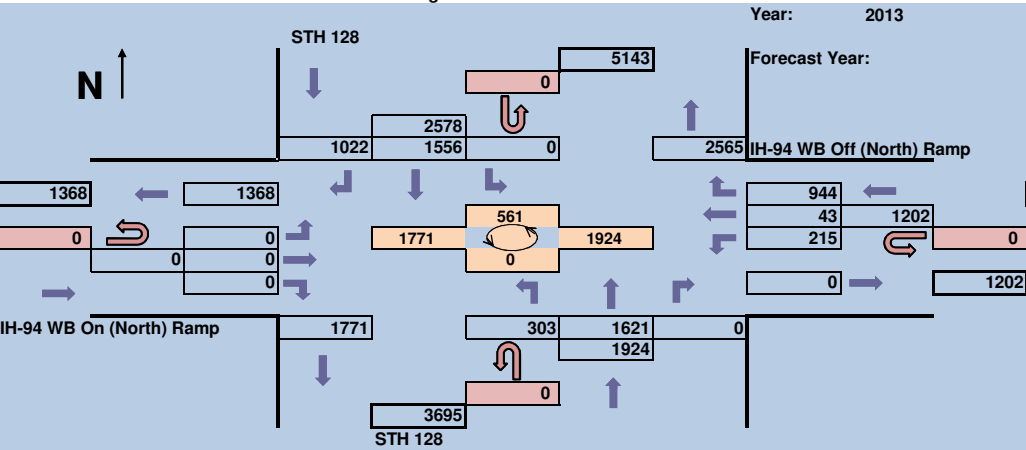
Design Hour: N/A

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ IH-94 WB (North) Ramp
Route: STH 128
Region/County: NW/St. Croix

Turning Movement Data



WisDot Bureau of Planning
Traffic Forecasting Section
Forecast by: Vicki Haskell
Phone: 608-266-2571
Email: vicki.haskell@dot.wi.gov

Projected AM Design Hour Traffic Volumes

Design Hour: 11:45 AM - 12:45 PM

Forecast Completed: July 25, 2013

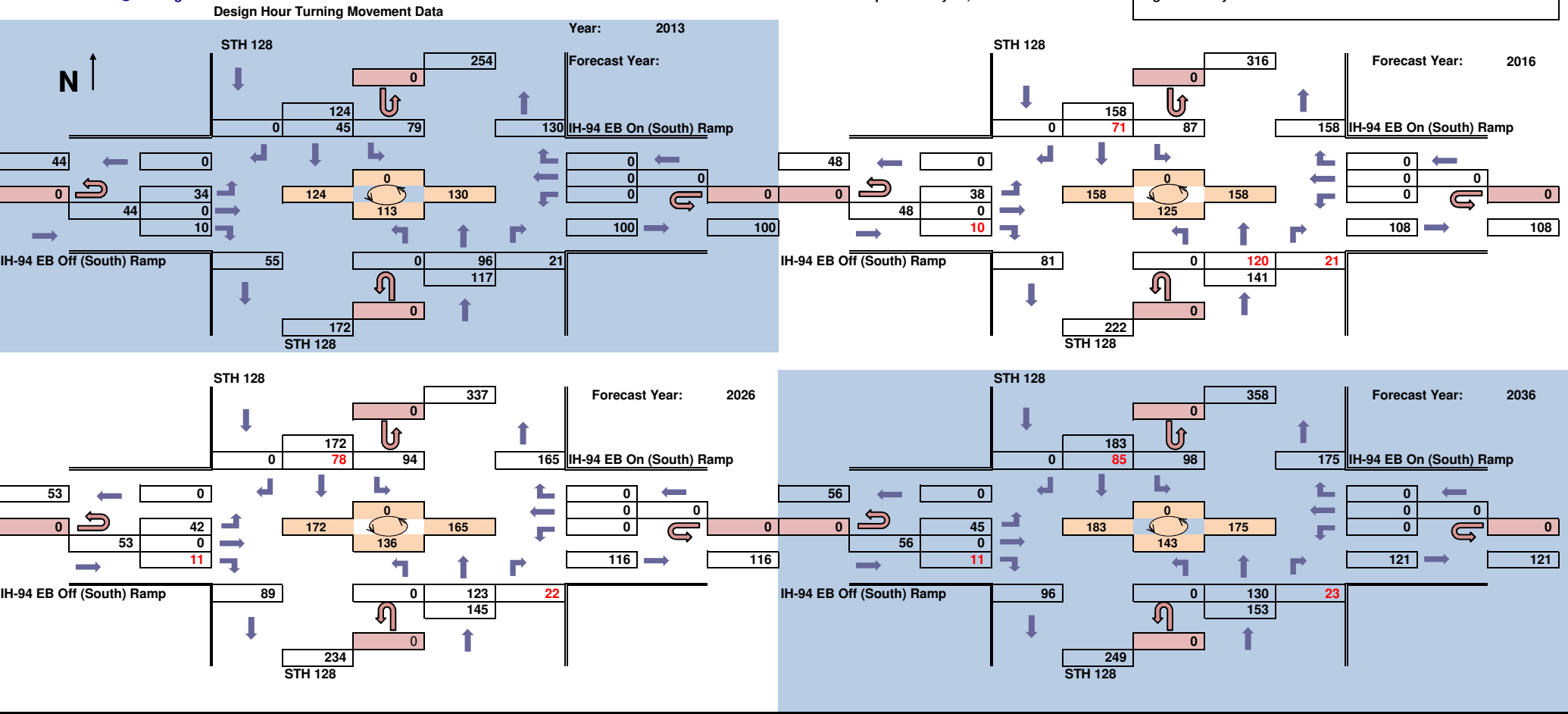
Project Description

Project ID: 1021-01-00/70

Location: STH 128 @ IH-94 EB (South) Ramp

Route: STH 128

Region/County: NW/St. Croix



WisDot Bureau of Planning
Traffic Forecasting Section
Forecast by: Vicki Haskell
Phone: 608-266-2571
Email: vicki.haskell@dot.wi.gov

Projected Midday Design Hour Traffic Volumes

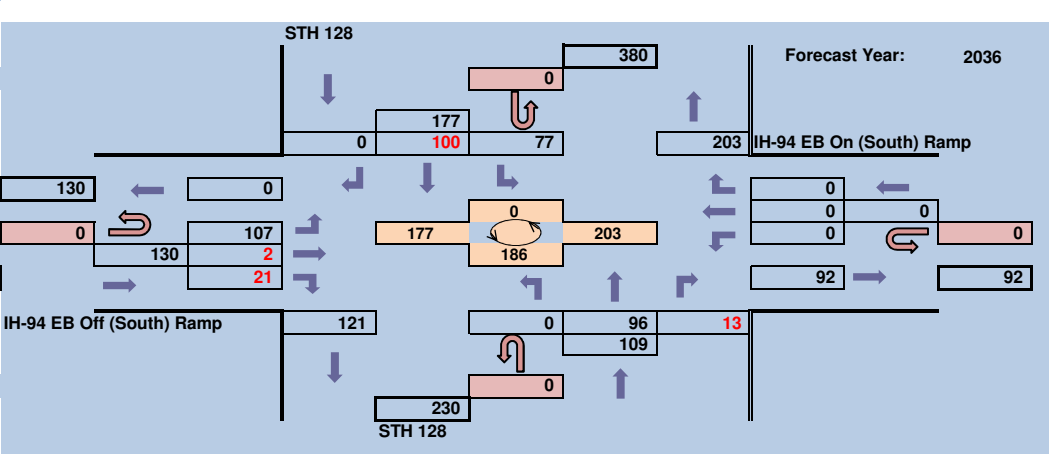
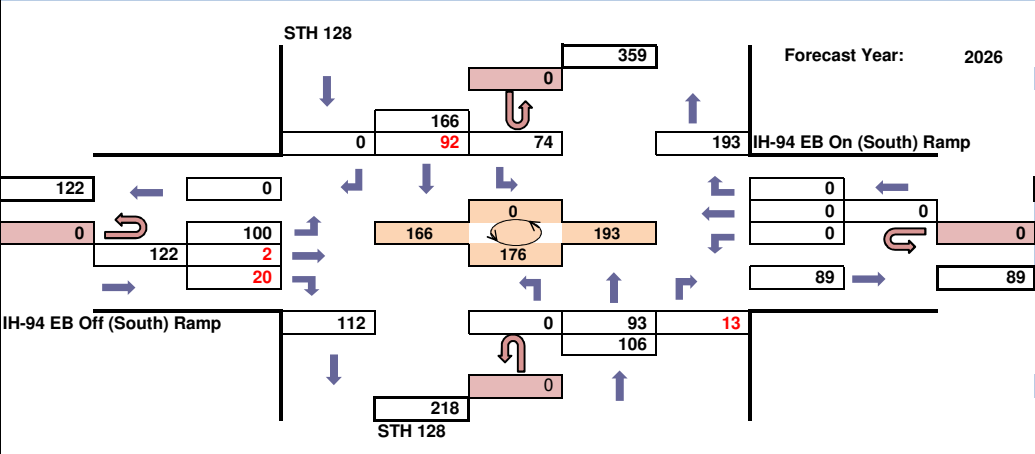
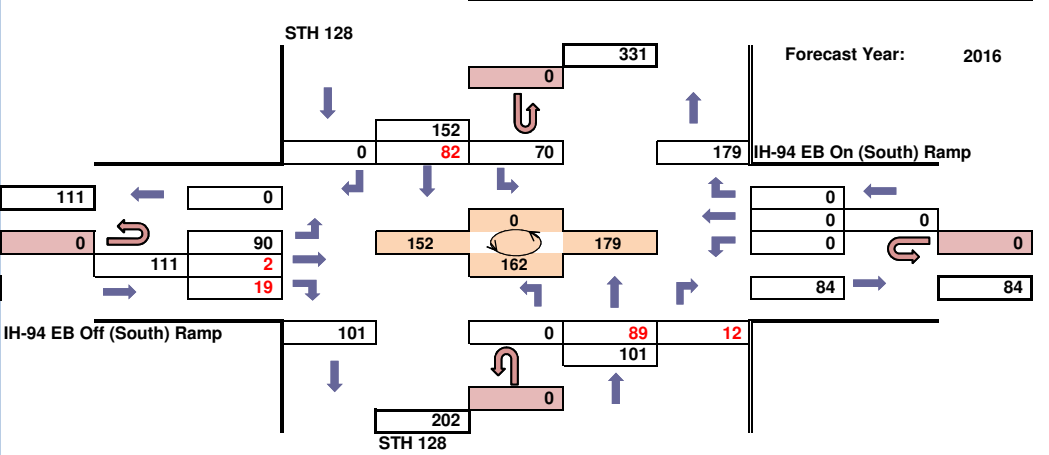
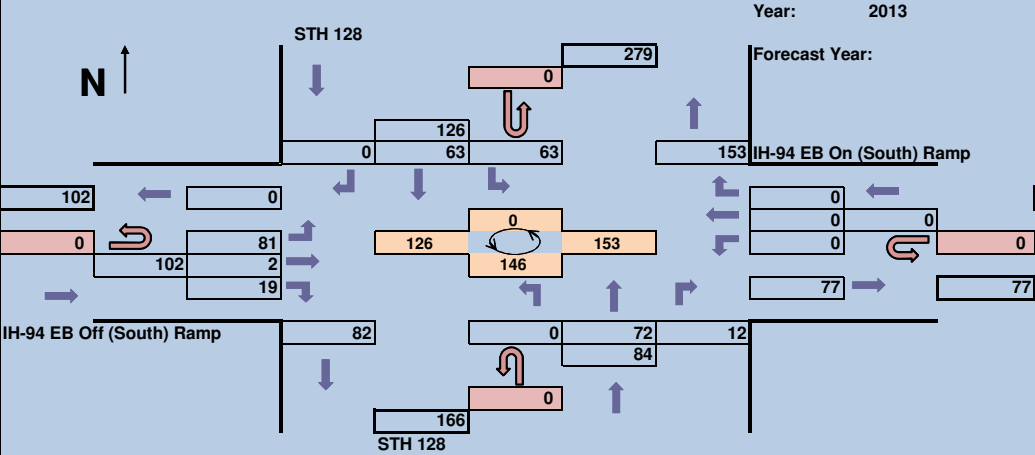
Design Hour: 11:45 AM - 12:45 PM

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ IH-94 EB (South) Ramp
Route: STH 128
Region/County: NW/St. Croix

Design Hour Turning Movement Data



WisDot Bureau of Planning
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Projected PM Design Hour Traffic Volumes

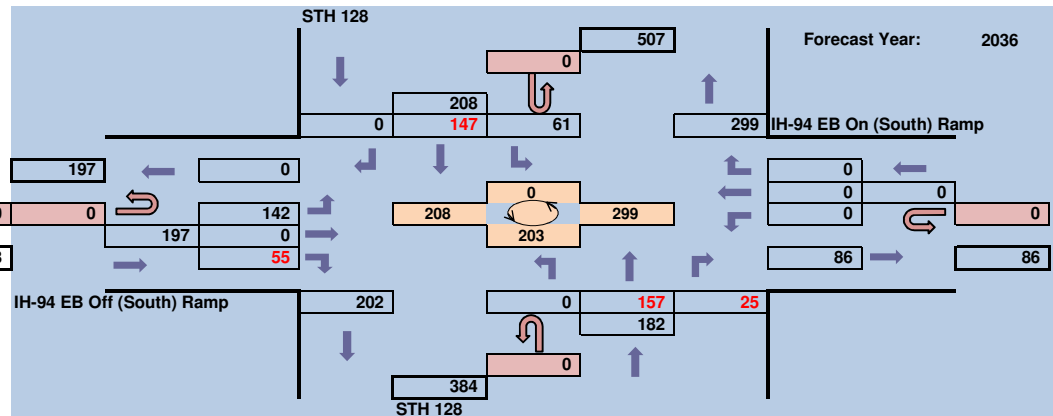
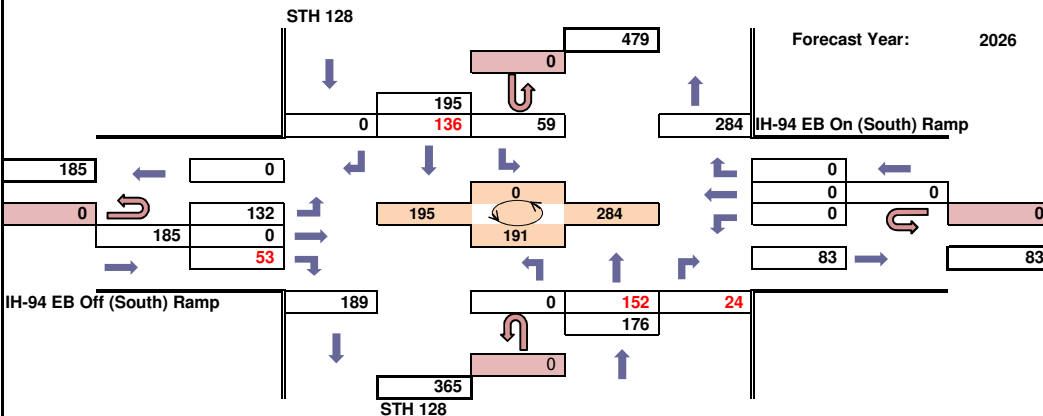
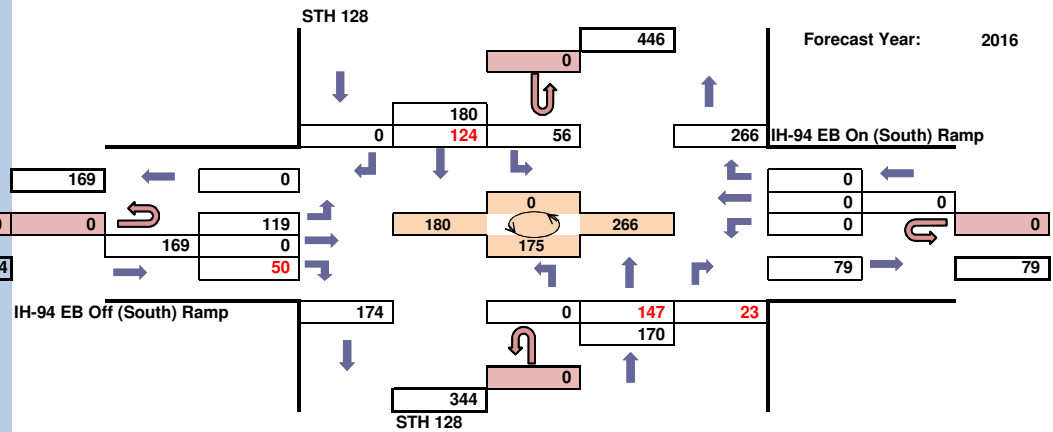
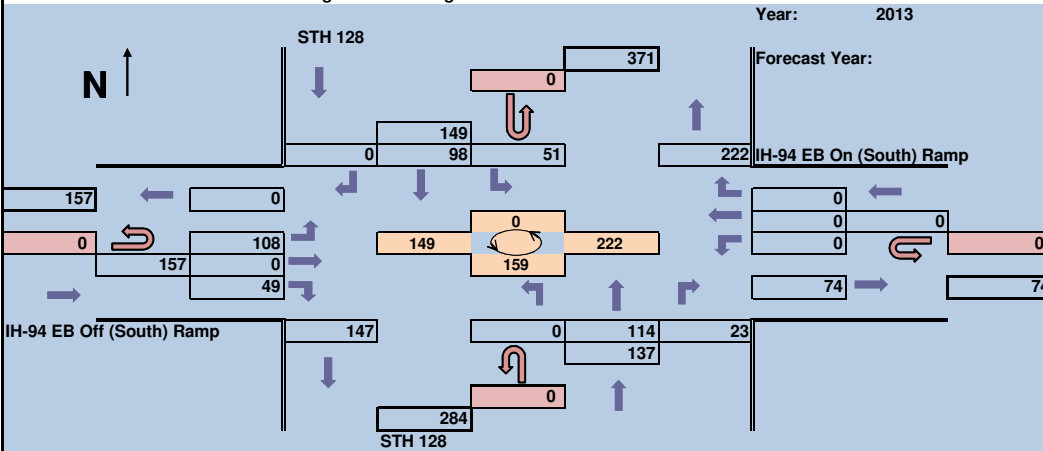
Design Hour: 4:30 PM - 5:30 PM

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ IH-94 EB (South) Ramp
Route: STH 128
Region/County: NW/St. Croix

Design Hour Turning Movement Data



WisDot Bureau of Planning
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Projected Average Annual Daily Traffic Volumes

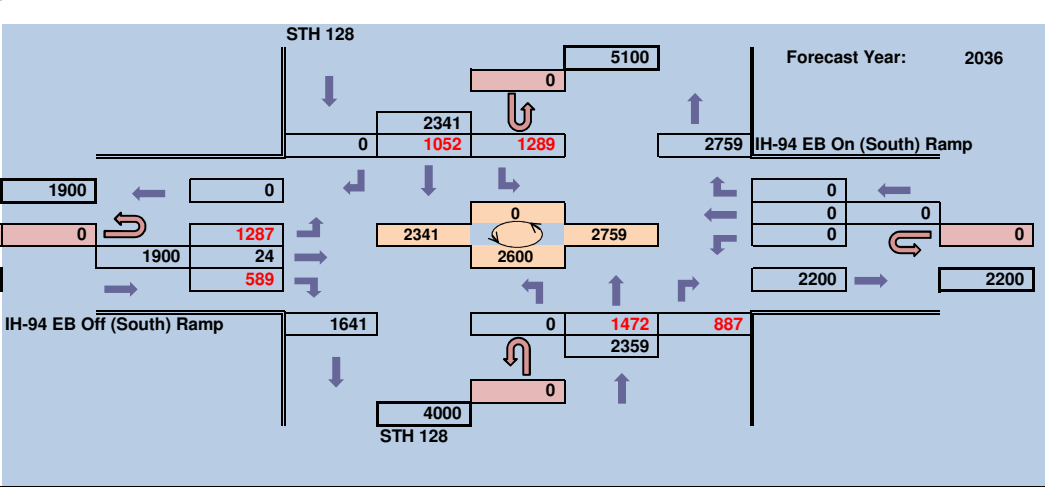
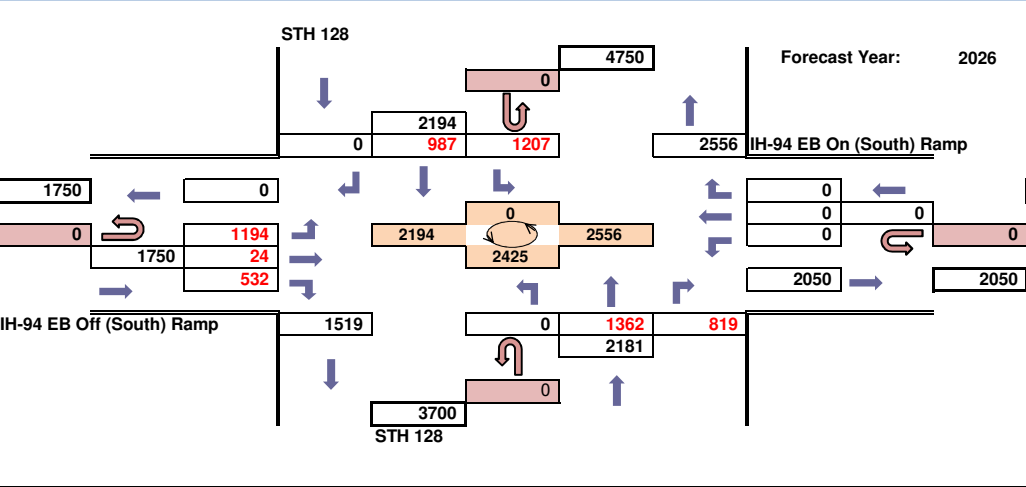
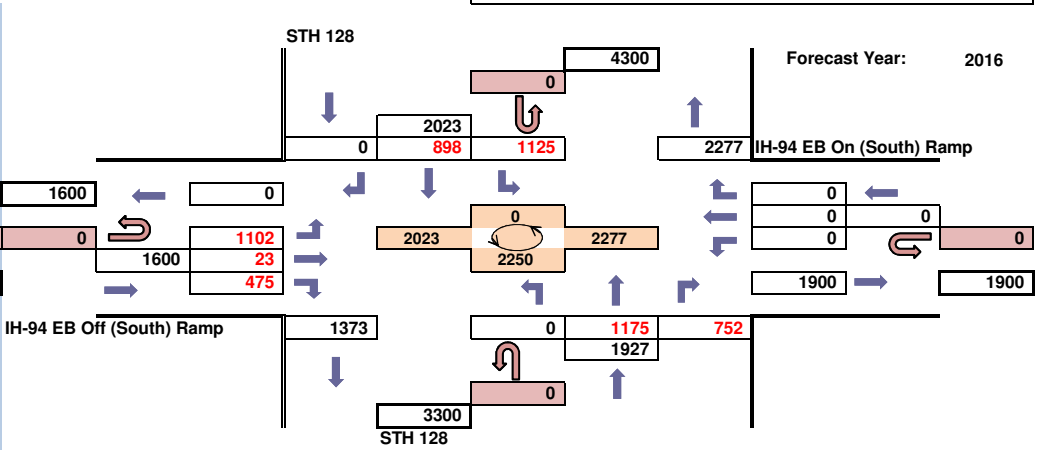
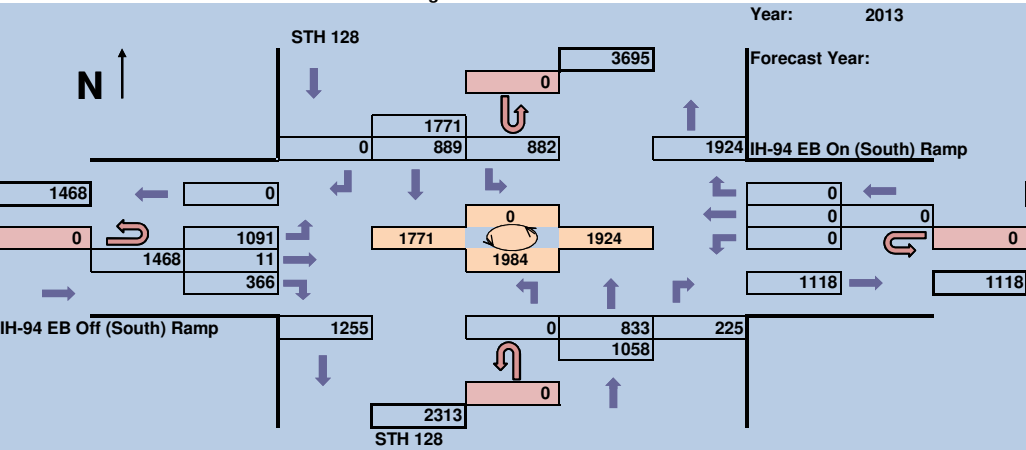
Design Hour: N/A

Forecast Completed: July 25, 2013

Project Description

Project ID: 1021-01-00/70
Location: STH 128 @ IH-94 EB (South) Ramp
Route: STH 128
Region/County: NW/St. Croix

Turning Movement Data



Truck Percentages by Movement

STH 128 @ Kwik Trip North Dwy																			
Peak Hour	Time	Truck Class	SB				WB				NB				EB				Grand Total
			From North				From East				From South				From West				
			STH 128				Kwik Trip North Dwy				STH 128								
			Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	
AM Peak Hour	6:45 AM - 7:45 AM	% Single-Unit Trucks		1.9%	0.0%	1.9%	0.0%		3.3%	2.7%	6.3%	5.3%		5.5%					3.2%
		% Heavy Trucks		21.4%	25.0%	21.5%	30.8%		95.0%	83.6%	84.4%	9.2%		31.5%					38.1%
		% Trucks (Total)		23.4%	25.0%	23.4%	30.8%		98.3%	86.3%	90.6%	14.5%		37.0%					41.3%
MD Peak Hour	11:45 AM - 12:45 PM	% Single-Unit Trucks		4.3%	0.0%	4.1%	30.0%		4.7%	9.4%	15.6%	4.1%		8.5%					7.1%
		% Heavy Trucks		31.5%	28.6%	31.3%	20.0%		88.4%	75.5%	80.0%	23.3%		44.9%					45.9%
		% Trucks (Total)		35.9%	28.6%	35.4%	50.0%		93.0%	84.9%	95.6%	27.4%		53.4%					53.0%
PM Peak Hour	4:30 PM - 5:30 PM	% Single-Unit Trucks		2.5%	0.0%	2.4%	0.0%		7.3%	5.8%	2.4%	0.0%		0.6%					2.0%
		% Heavy Trucks		1.3%	0.0%	1.2%	0.0%		82.9%	65.4%	95.1%	0.9%		25.5%					25.7%
		% Trucks (Total)		3.8%	0.0%	3.6%	0.0%		90.2%	71.2%	97.6%	0.9%		26.1%					27.7%

Note: Truck Percents based on 16-hour counts taken in April 2013

STH 128 @ Kwik Trip South Dwy																			
Peak Hour	Time	Truck Class	SB				WB				NB				EB				Grand Total
			From North				From East				From South				From West				
			STH 128				Kwik Trip South Dwy				STH 128								
			Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	
AM Peak Hour	6:45 AM - 7:45 AM	% Single-Unit Trucks		2.1%	0.0%	2.0%	0.0%		0.0%	0.0%	4.0%	5.6%		5.0%				2.7%	
		% Heavy Trucks		51.3%	4.8%	46.6%	0.0%		2.1%	1.5%	0.0%	44.9%		28.8%				33.3%	
		% Trucks (Total)		53.5%	4.8%	48.6%	0.0%		2.1%	1.5%	4.0%	50.6%		33.8%				36.0%	
MD Peak Hour	11:45 AM - 12:45 PM	% Single-Unit Trucks		5.4%	0.0%	4.5%	0.0%		0.0%	0.0%	3.8%	10.1%		7.6%				5.0%	
		% Heavy Trucks		49.6%	0.0%	41.6%	0.0%		0.0%	0.0%	1.9%	48.1%		29.8%				30.1%	
		% Trucks (Total)		55.0%	0.0%	46.1%	0.0%		0.0%	0.0%	5.8%	58.2%		37.4%				35.1%	
PM Peak Hour	4:30 PM - 5:30 PM	% Single-Unit Trucks		4.1%	0.0%	3.7%	0.0%		0.0%	0.0%	1.6%	4.2%		3.5%				3.1%	
		% Heavy Trucks		21.9%	0.0%	19.5%	0.0%		0.0%	0.0%	0.0%	26.7%		19.5%				16.7%	
		% Trucks (Total)		26.0%	0.0%	23.2%	0.0%		0.0%	0.0%	1.6%	30.9%		23.0%				19.8%	

Note: Truck Percents based on 16-hour counts taken in April 2013

STH 128 @ IH-94 WB (North) Ramp																			
Peak Hour	Time	Truck Class	SB				WB				NB				EB				Grand Total
			From North				From East				From South				From West				
			STH 128				IH-94 WB Off (north) Ramp				STH 128				IH-94 WB On (north) Ramp				
			Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	
AM Peak Hour	6:45 AM - 7:45 AM	% Single-Unit Trucks	2.5%	2.7%		2.5%	2.3%	0.0%	0.0%	2.0%		3.3%	0.0%	2.4%				2.5%	
		% Heavy Trucks	35.2%	39.3%		37.2%	34.1%	0.0%	0.0%	29.4%		16.3%	2.9%	12.6%				28.6%	
		% Trucks (Total)	37.7%	42.0%		39.7%	36.4%	0.0%	0.0%	31.4%		19.6%	2.9%	15.0%				31.1%	
MD Peak Hour	11:45 AM - 12:45 PM	% Single-Unit Trucks	5.7%	0.9%		2.5%	13.6%	7.4%	10.0%	11.1%		7.7%	5.3%	7.3%				6.0%	
		% Heavy Trucks	39.6%	32.1%		34.6%	38.6%	70.4%	10.0%	45.7%		32.7%	5.3%	28.5%				35.0%	
		% Trucks (Total)	45.3%	33.0%		37.1%	52.3%	77.8%	20.0%	56.8%		40.4%	10.5%	35.8%				41.0%	
PM Peak Hour	4:30 PM - 5:30 PM	% Single-Unit Trucks	1.4%	2.6%		2.1%	0.0%	0.0%	0.0%	0.0%		1.2%	0.0%	1.1%				1.2%	
		% Heavy Trucks	9.6%	18.8%		15.3%	13.5%	0.0%	10.5%	12.8%		19.1%	5.6%	17.8%				15.7%	
		% Trucks (Total)	11.0%	21.4%		17.4%	13.5%	0.0%	10.5%	12.8%		20.4%	5.6%	18.9%				16.9%	

Note: Truck Percents based on 16-hour counts taken in April 2013

STH 128 @ IH-94 EB (South) Ramp																			
Peak Hour	Time	Truck Class	SB				WB				NB				EB				Grand Total
			From North				From East				From South				From West				
			STH 128				IH-94 EB On (south) Ramp				STH 128				IH-94 EB Off (south) Ramp				
			Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	Right	Thru	Left	Total	
AM Peak Hour	12:00 AM - 7:45 AM	% Single-Unit Trucks		6.7%	2.5%	4.0%					4.8%	2.1%		2.6%	0.0%	0.0%	0.0%	0.0%	2.8%
		% Heavy Trucks		6.7%	43.0%	29.8%					14.3%	9.4%		10.3%	30.0%	0.0%	32.4%	31.8%	22.1%
		% Trucks (Total)		13.3%	45.6%	33.9%					19.0%	11.5%		12.8%	30.0%	0.0%	32.4%	31.8%	24.9%
MD Peak Hour	12:00 AM - 12:45 PM	% Single-Unit Trucks		4.8%	4.8%	4.8%					25.0%	4.2%		7.1%	5.3%	0.0%	1.2%	1.9%	4.5%
		% Heavy Trucks		1.6%	57.1%	29.4%					0.0%	9.7%		8.3%	15.8%	50.0%	59.3%	51.0%	30.8%
		% Trucks (Total)		6.3%	61.9%	34.1%					25.0%	13.9%		15.5%	21.1%	50.0%	60.5%	52.9%	35.3%
PM Peak Hour	12:00 AM - 5:30 PM	% Single-Unit Trucks		6.1%	3.9%	5.4%					0.0%	2.6%		2.2%	6.1%	0.0%	0.0%	1.9%	3.1%
		% Heavy Trucks		1.0%	37.3%	13.4%					8.7%	5.3%		5.8%	10.2%	0.0%	19.4%	16.6%	12.2%
		% Trucks (Total)		7.1%	41.2%	18.8%					8.7%	7.9%		8.0%	16.3%	0.0%	19.4%	18.5%	15.3%

Note: Truck Percents based on 16-hour counts taken in May 2013