



Developed by: Urvashi Martin  
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 FAX #: (608) 267-0294  
 E-Mail: Urvashi.Martin@dot.wi.gov

Region/COUNTY(IES): W / Dane **Alt 2 (N1B, C3A, S3A)**  
 LOCATION: Parmenter ST to STH 19 West  
 COMPLETED: 03/27/2014

**WisDOT RAFFIC FORECAST REPORT**  
 PROJECT ID(S): 5300-05-00  
 ROUTE(S): USH 12  
 Traffic Forecasting Section; Bureau of Planning and Economic Development; Division of Transportation Investment Management



**Site IDs are Colored, Bolded, and Underlined**

Design Values (%)	-000- 2012 Count	(000) 2030 AADT
Sites → 130281	+000* 2011 Count	[000] 2035 AADT
Routes → USH 12	+000+ 2009 Count	000 2040 AADT
Volume(s): 38900	=000= 2002 Count	
K250	9.1	
K100	9.7	
K30	10.1	
P	11.3	
D(Dsgn. Hr.)	60/40	
T(DHV)	7.7	
T(PHV)	4.1	

**Truck Class Percents**

Class	130281
2D	7.0
3AX	0.7
2S1+2S2	0.7
3-S2	0.7
DBL-BTM	0.1
TOTAL	9.2%

**NOTES ON THE FORECAST:**

- This projection assumes a combination of North 1B, Central 3A, and South 3A for Alternative 2.
- Truck classification percentages were taken from 2009 Wisconsin Vehicle Classification Data (Site # 130281).

**MORE NOTES ON THE FORECAST:**

- USH 12 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 Principal Arterial (2) for count purposes.
- The Dane County Travel Demand Model was used to complete this forecast.

# Projected PM Design Hour Traffic Volumes

WisDot Bureau of Planning  
 Traffic Forecasting Section  
 Forecast by: Bill Gavinski  
 Phone: (608) 266-3976  
 Email: william.gavinski@dot.state.wi.us

Design Hour: 4:30-5:30 p.m.

December 5, 2007

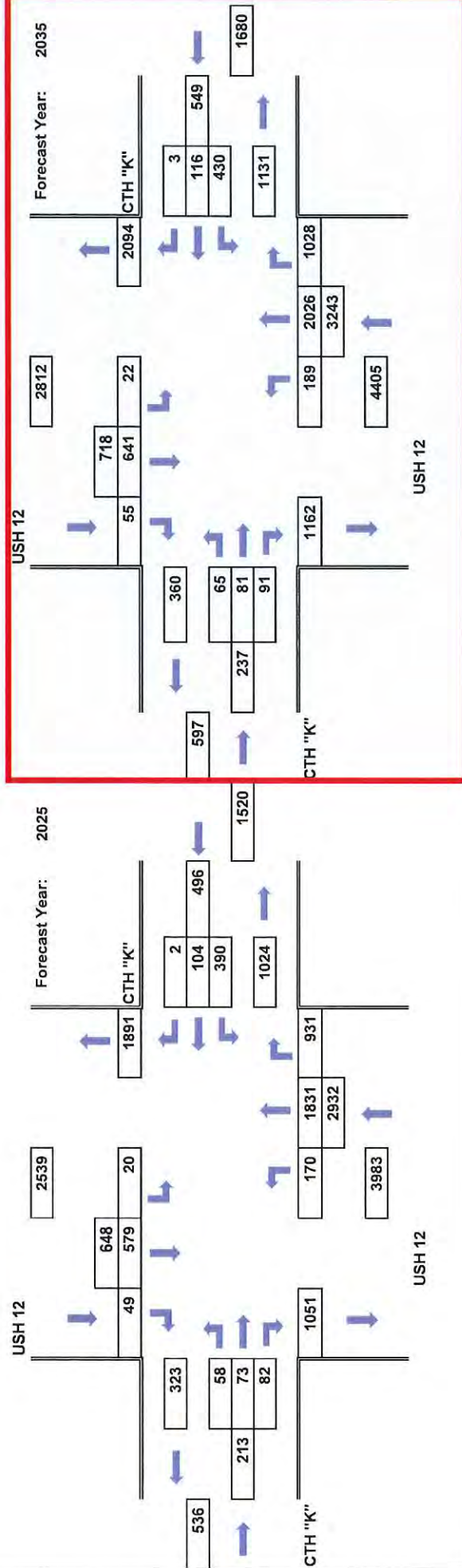
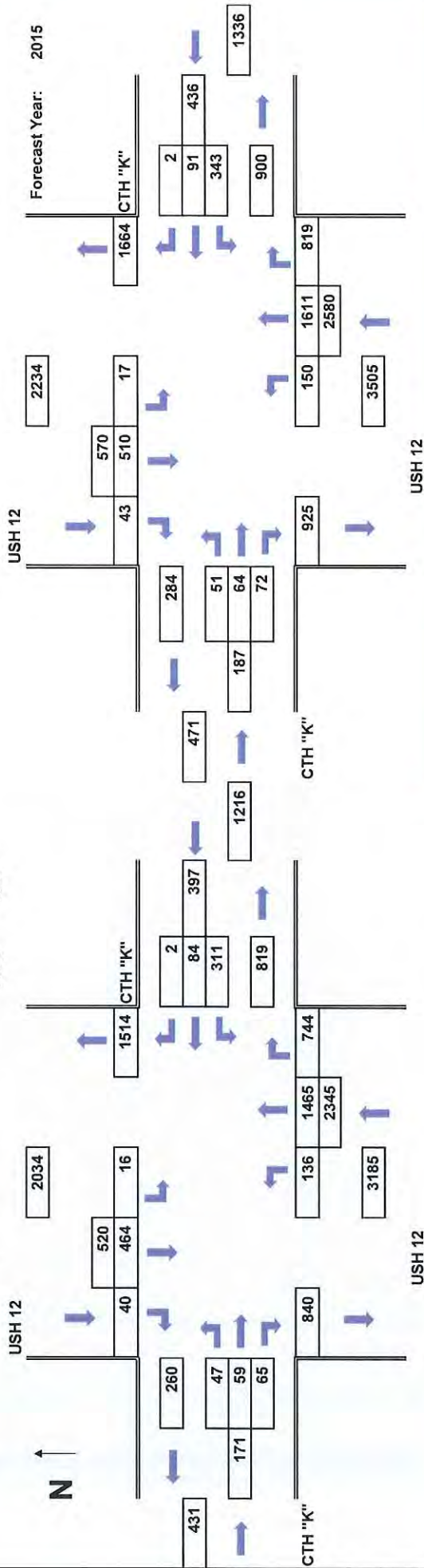
Forecast Completed:

Year: 2007

Design Hour Turning Movement Data

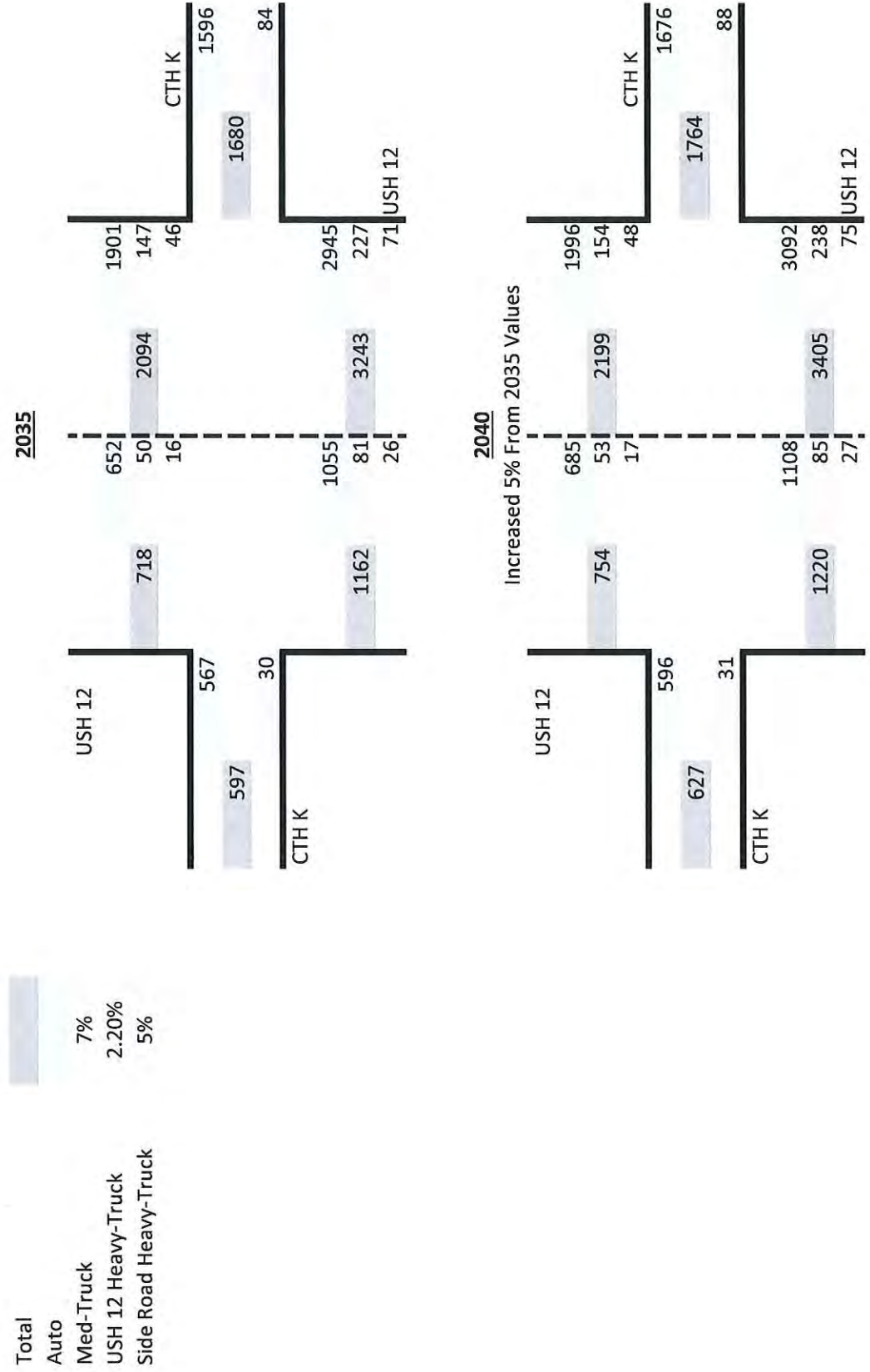
## Project Description

Project ID: 5300-05-00  
 Location: Middleton - STH 19 West  
 Route: USH 12  
 Region/County: Southwest/ Dane Co.





# 2040 EXISTING CONDITIONS: USH 12 & CTH K



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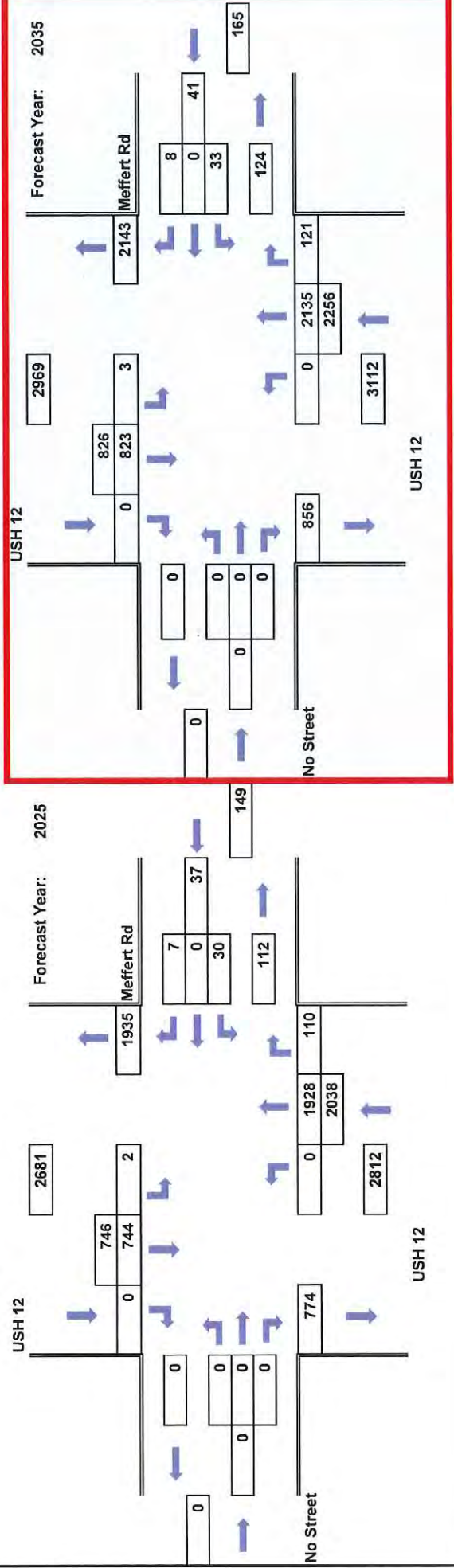
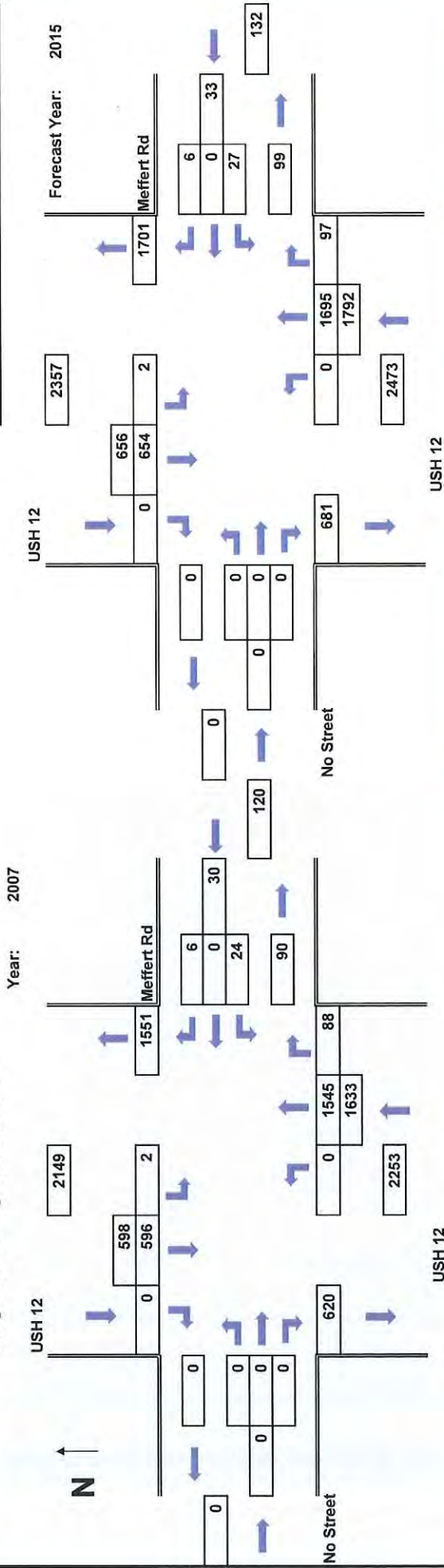
Design Hour: 4:30-5:30 p.m.  
 December 5, 2007

Forecast Completed:  
 Year: 2007

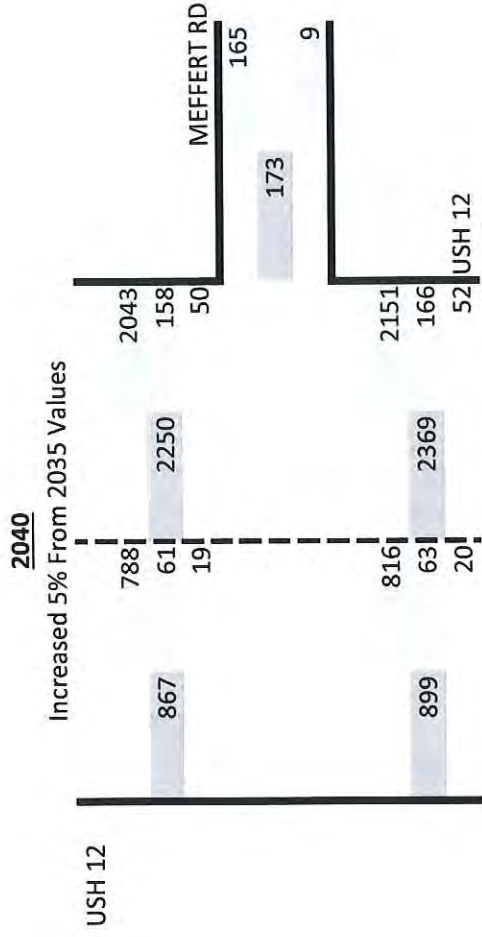
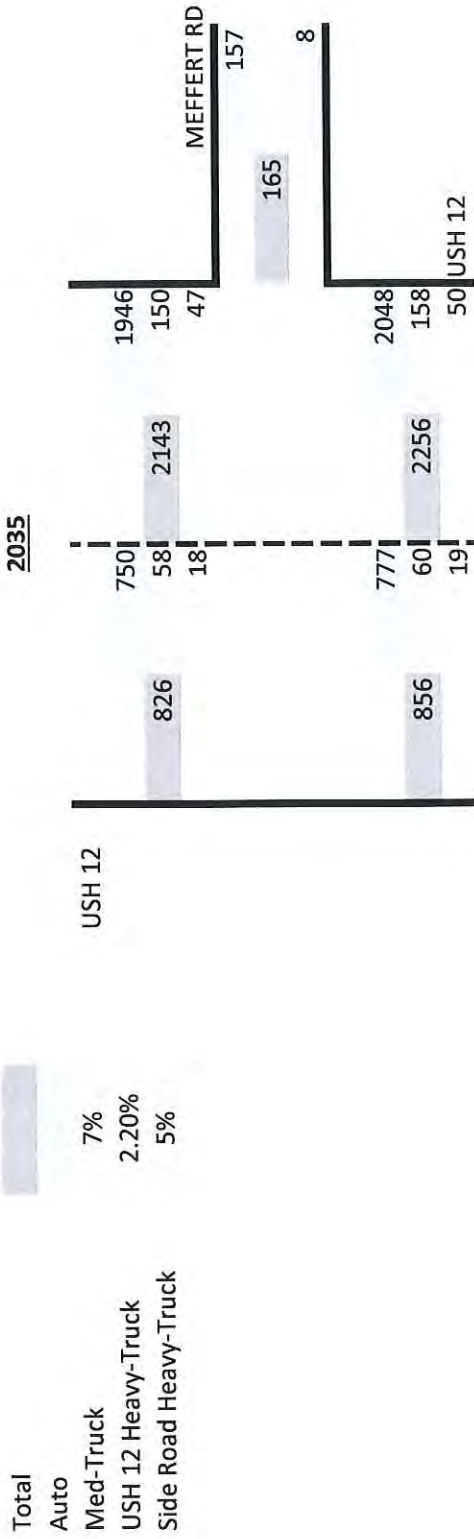
Design Hour Turning Movement Data

## Project Description

Project ID: 5300-05-00  
 Location: Middleton - STH 19 (West)  
 Route: USH 12  
 Region/County: Southwest/ Dane Co.



# 2040 EXISTING CONDITIONS: USH 12 & MEFFERT ROAD





# Projected PM Design Hour Traffic Volumes

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 Traffic Forecasting Section  
 Forecast by: Bill Gavinski  
 Phone: (608) 266-3976  
 Email: william.gavinski@dot.state.wi.us

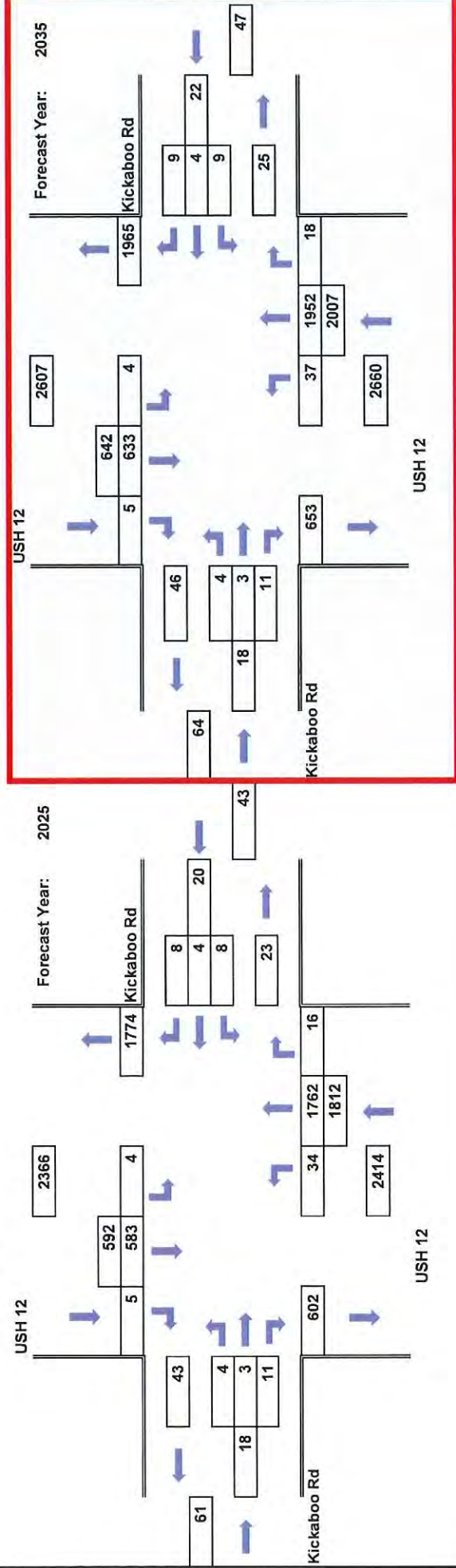
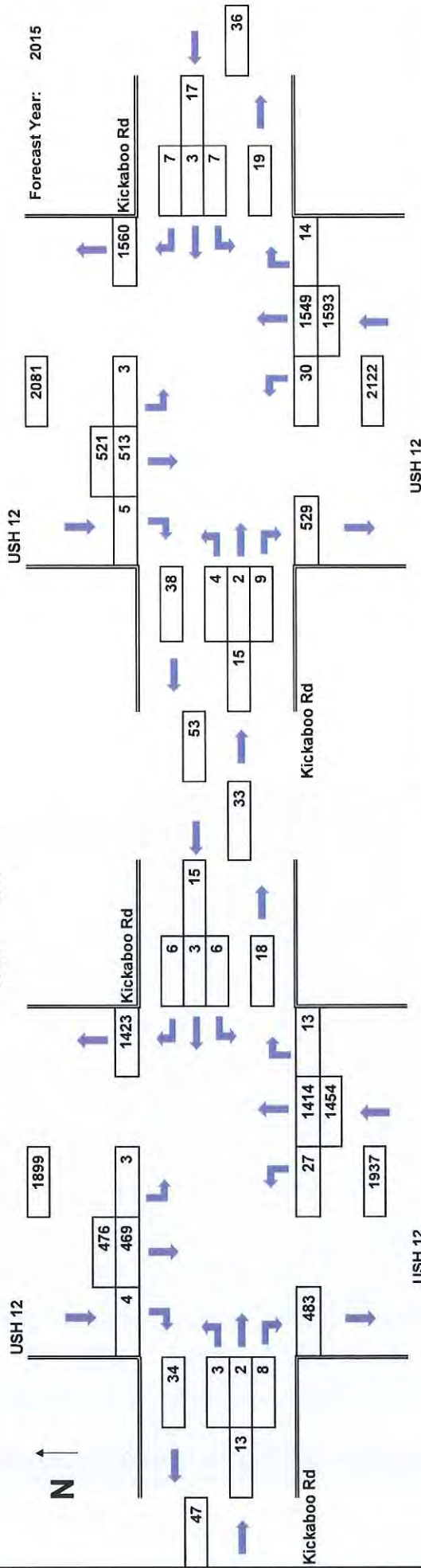
Design Hour: 4:30-5:30 p.m.  
 December 4, 2007

## Project Description

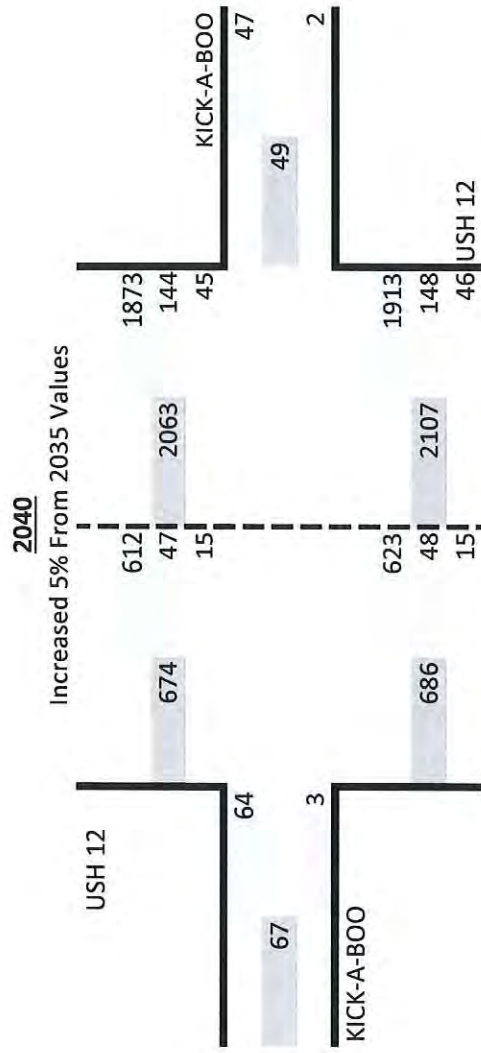
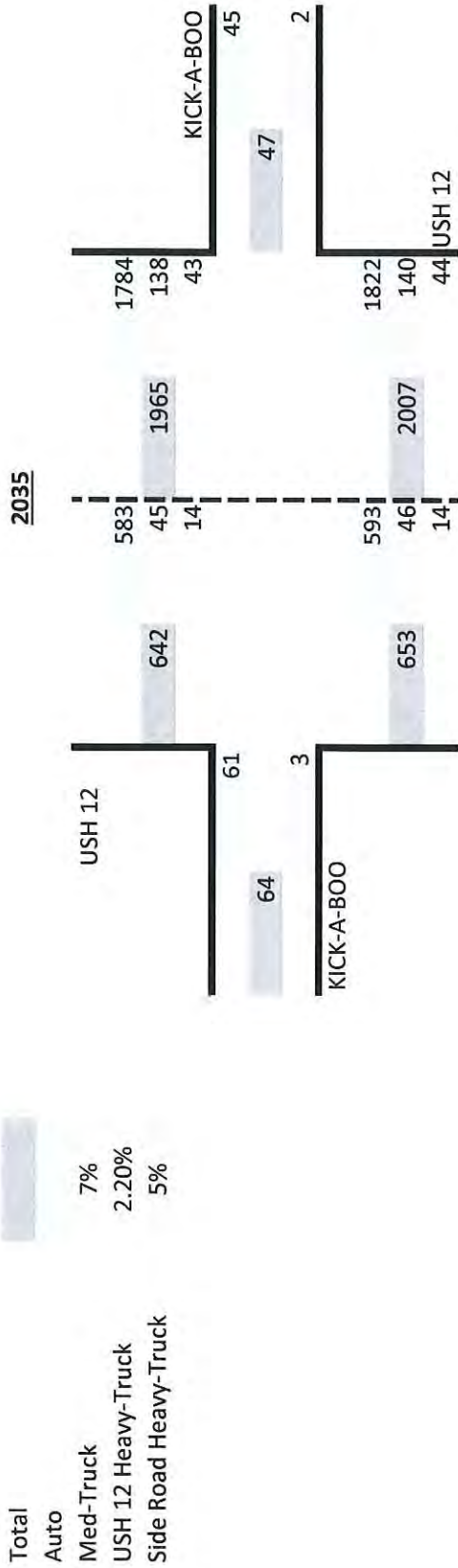
Project ID: 5300-05-00  
 Location: Middleton - STH 19 (West)  
 Route: USH 12  
 Region/County: Southwest/ Dane Co.

Forecast Completed:  
 Design Hour Turning Movement Data

Year: 2007



# 2040 EXISTING CONDITIONS: USH 12 & KICK-A-BOO



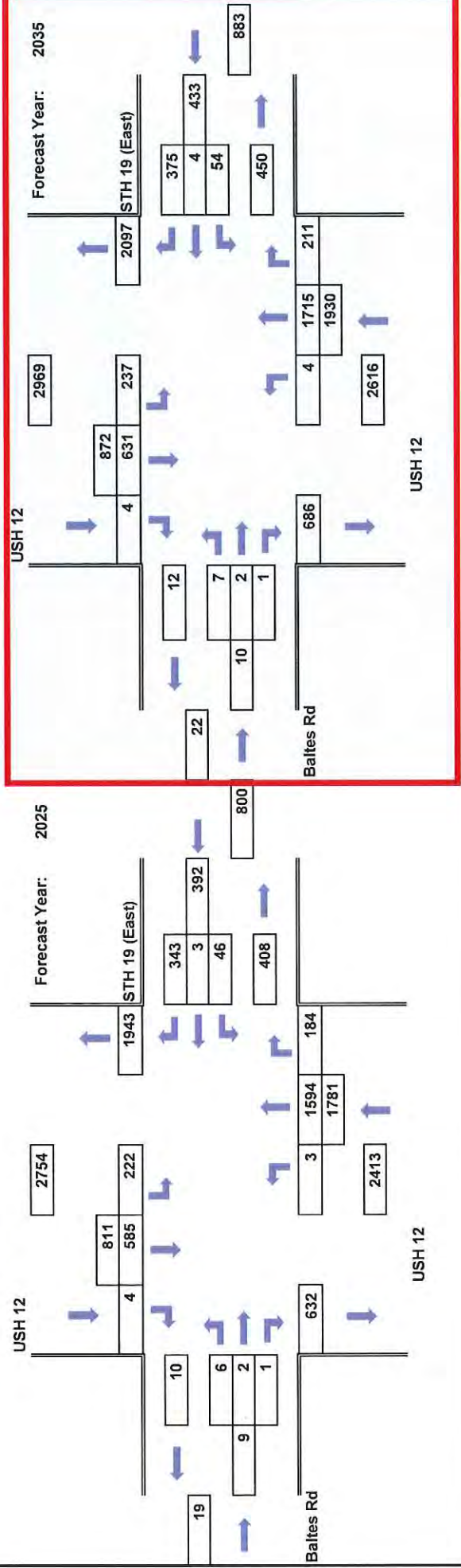
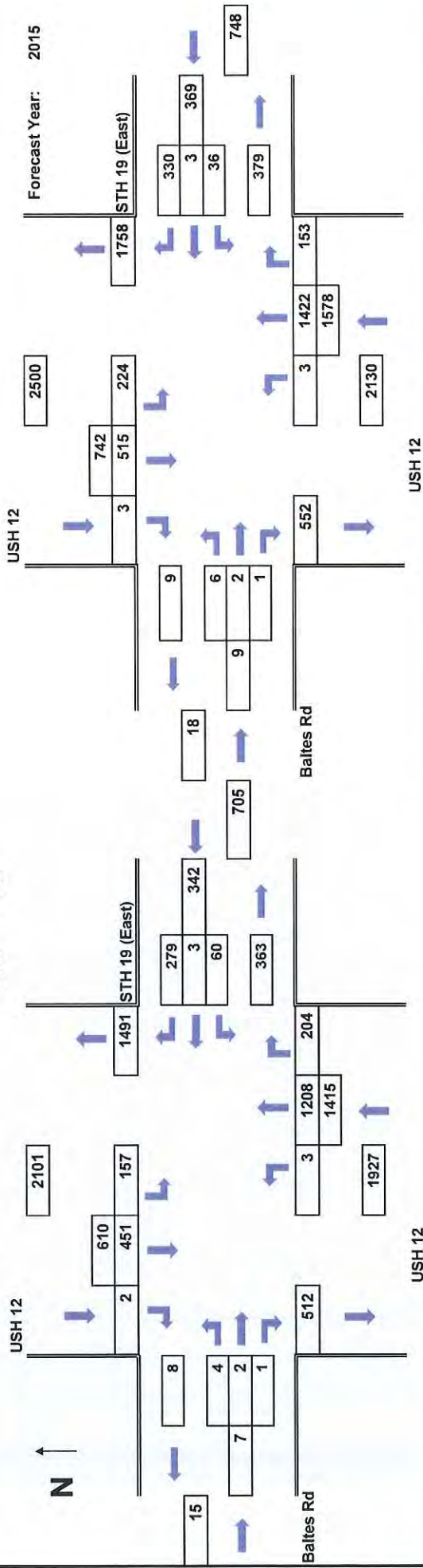
# Projected PM Design Hour Traffic Volumes

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 Traffic Forecasting Section  
 Forecast by: Bill Gavinski  
 Phone: (608) 266-3976  
 Email: william.gavinski@dot.state.wi.us

Design Hour: 4:30-5:30 p.m.  
 December 4, 2007

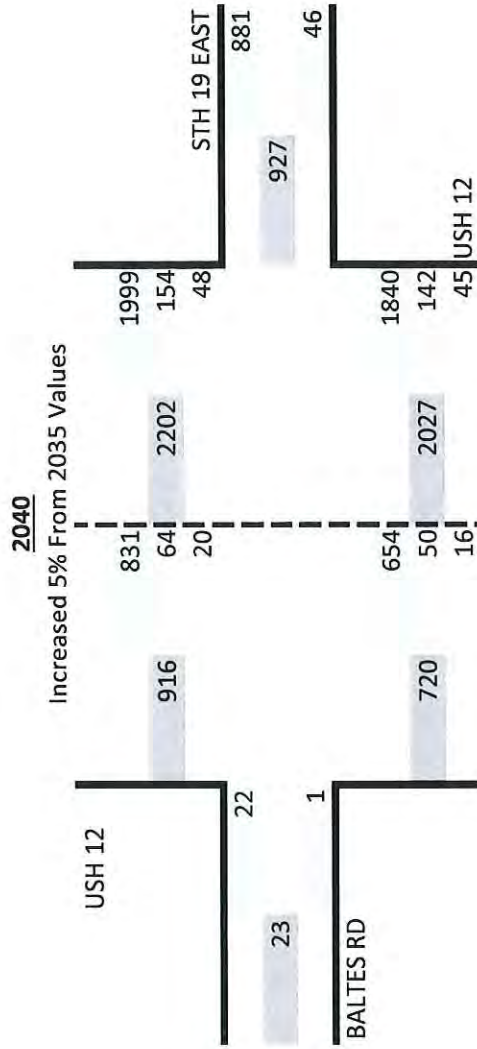
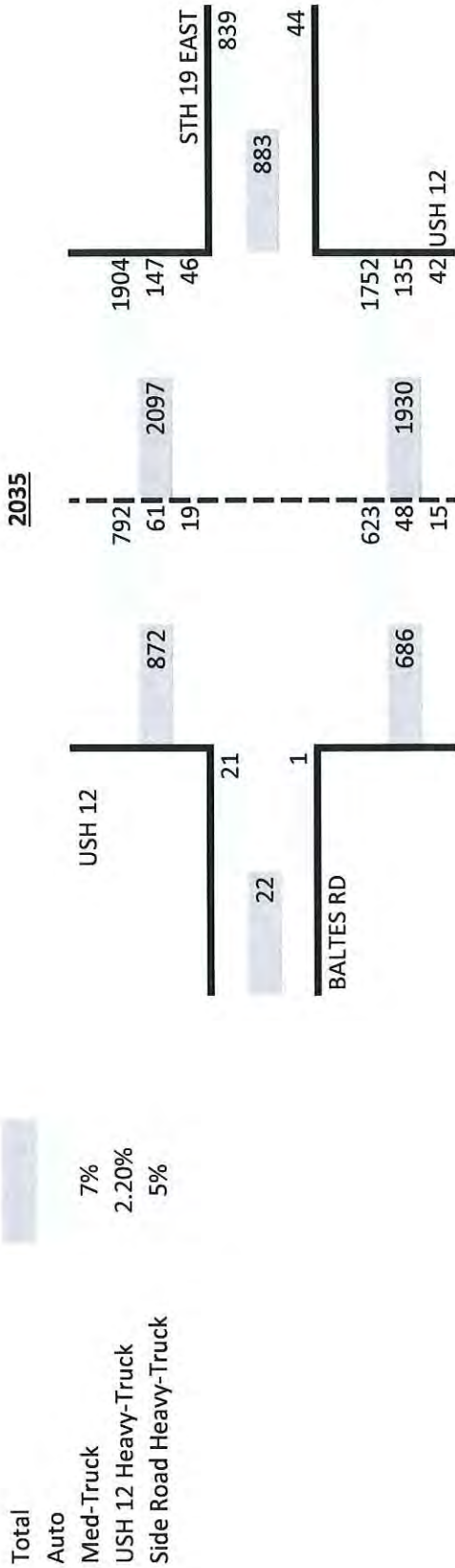
Forecast Completed:  
 Design Hour Turning Movement Data

Year: 2007





# 2040 EXISTING CONDITIONS: USH 12 & STH 19 EAST



WisDot Bureau of Planning  
 Traffic Forecasting Section  
 Forecast by: Bill Gavinski  
 Phone: (608) 266-3976  
 Email:

### Projected PM Design Hour Traffic Volumes

### Project Description

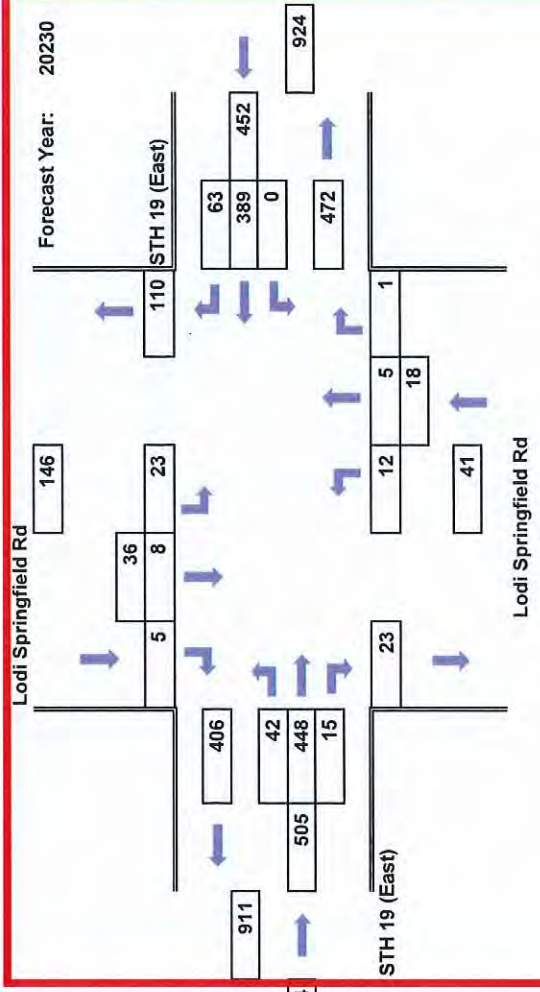
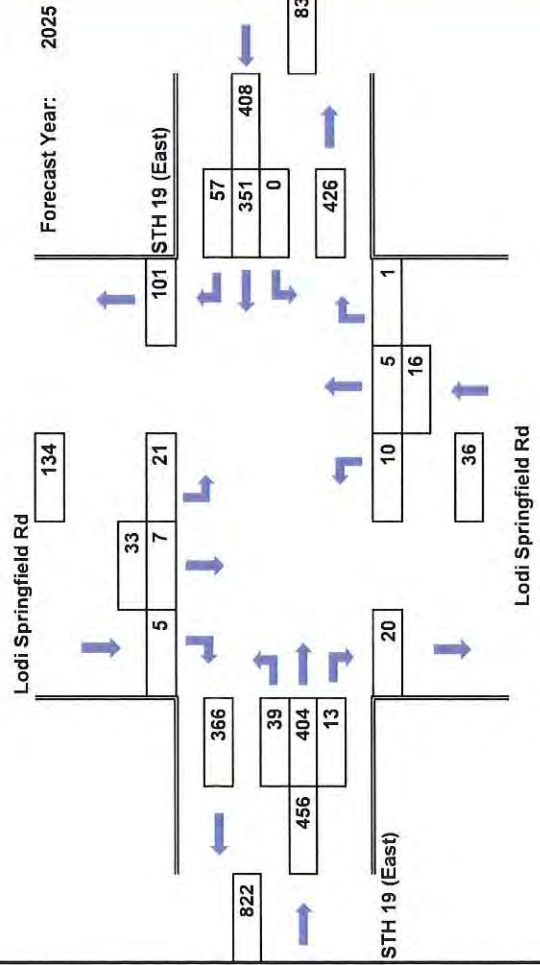
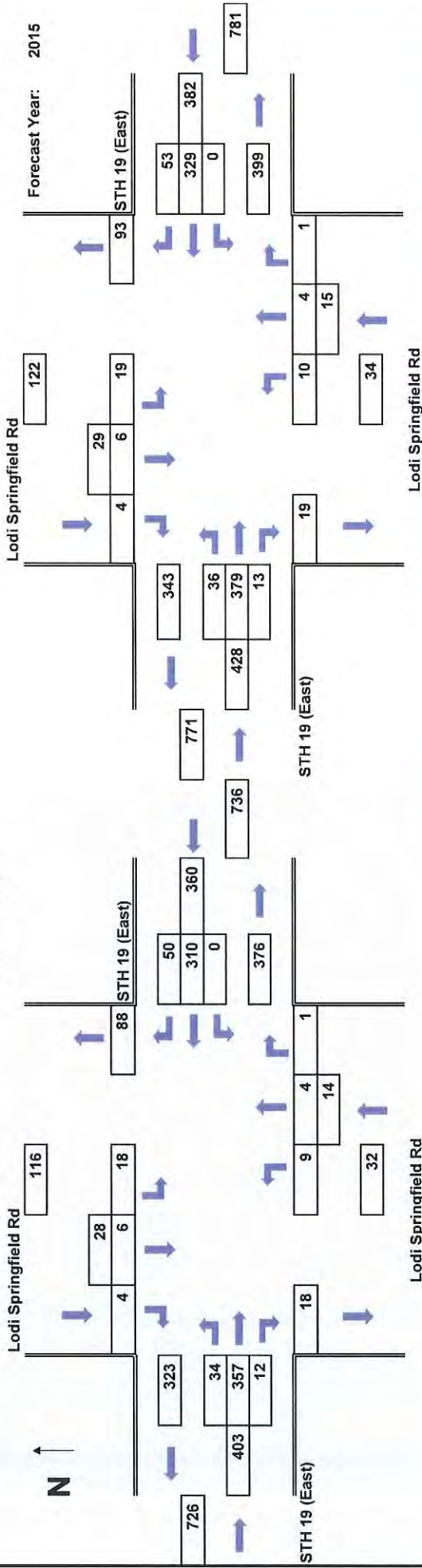
Project ID: 5300-05-00  
 Location: Middleton-STH 19 (West)  
 Route: USH 12  
 Region/County: Southeast/ Dane Co.

Design Hour: 4:30-5:30 p.m.

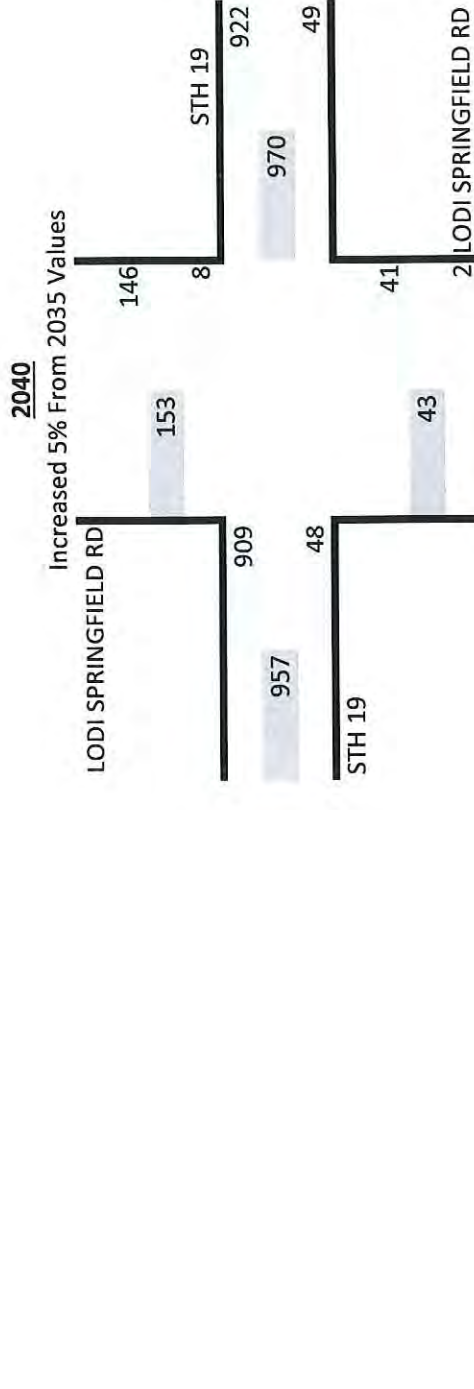
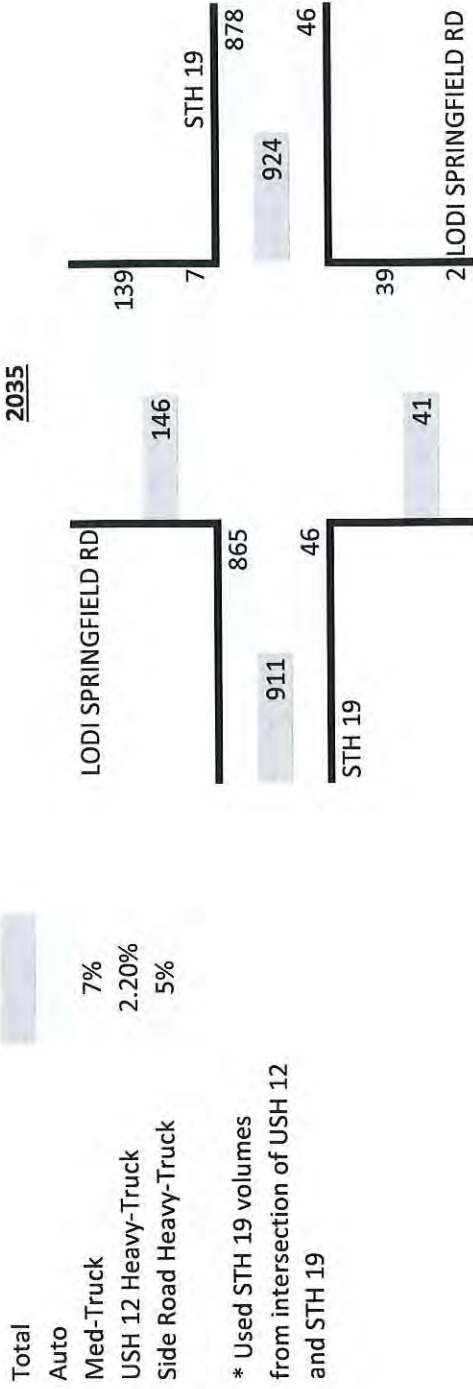
Forecast Completed: December 10, 2007

#### Design Hour Turning Movement Data

Year: 2007



# 2040 EXISTING CONDITIONS: USH 12 & LODI SPRINGFIELD ROAD



\* Used STH 19 volumes from intersection of USH 12 and STH 19



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 Phone: (608) 266-3976  
 Email: william.gavinski@dot.state.wi.us

### Projected PM Design Hour Traffic Volumes

Design Hour: 4:30-5:30 p.m.  
 December 4, 2007

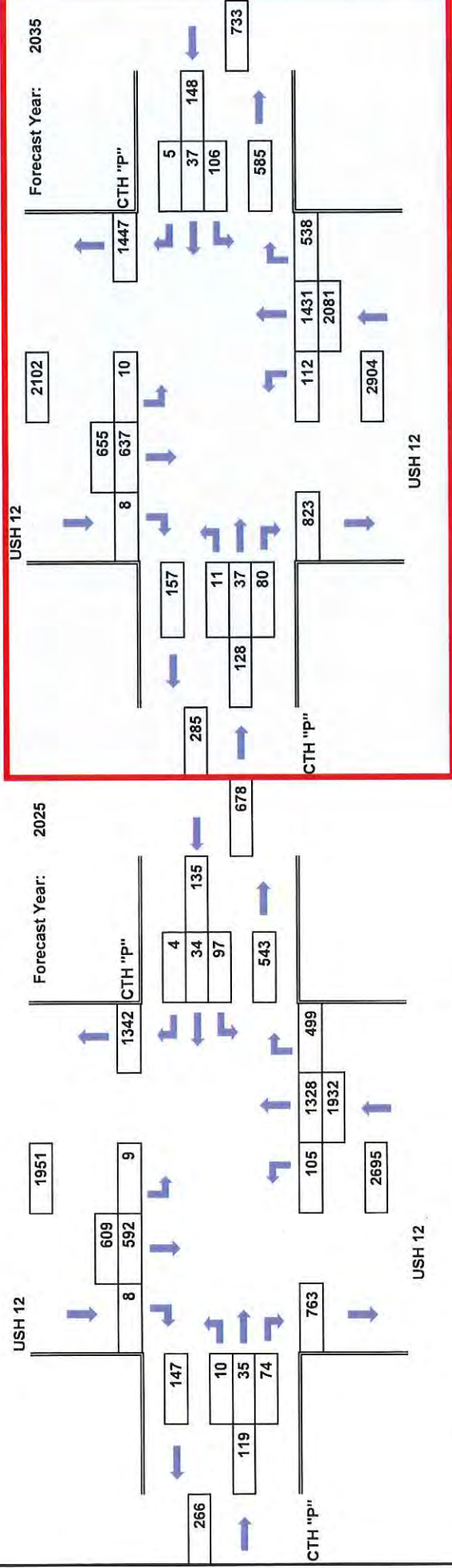
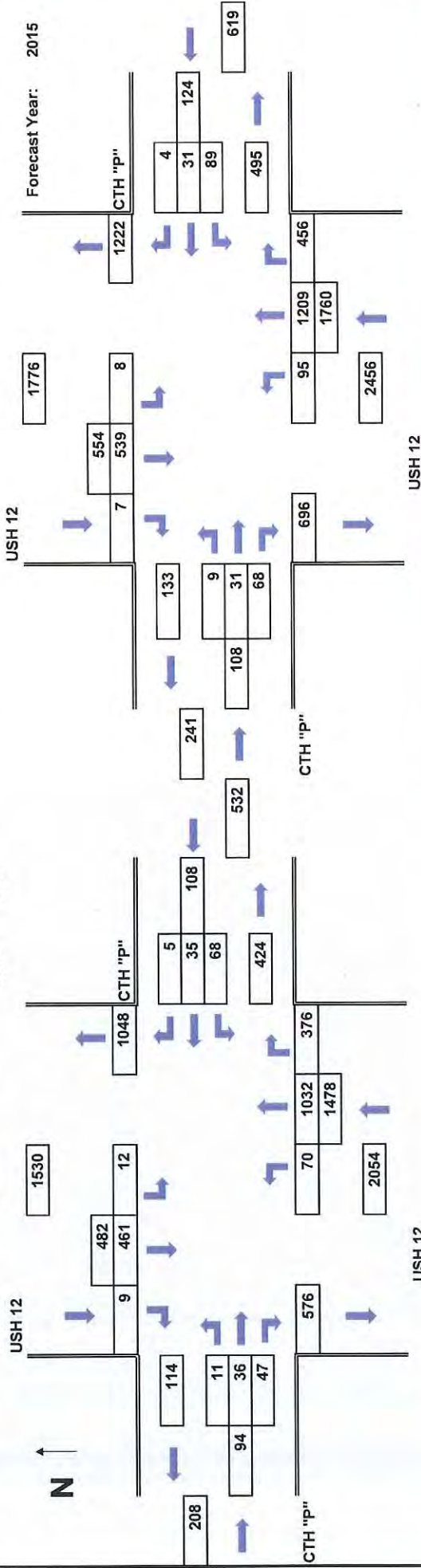
Forecast Completed:

Design Hour Turning Movement Data

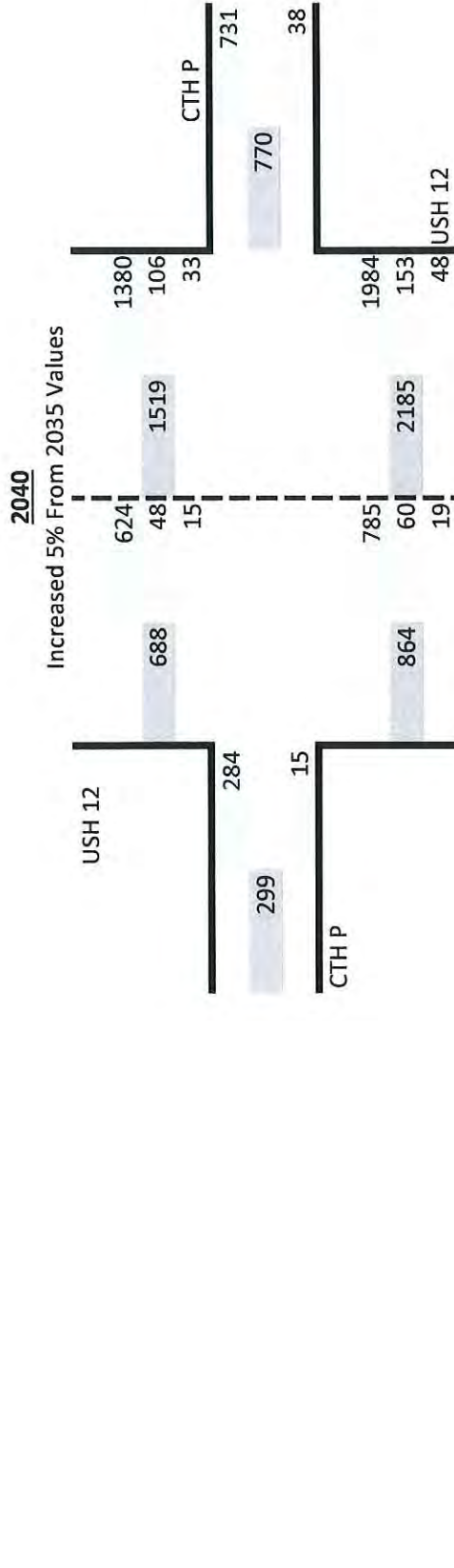
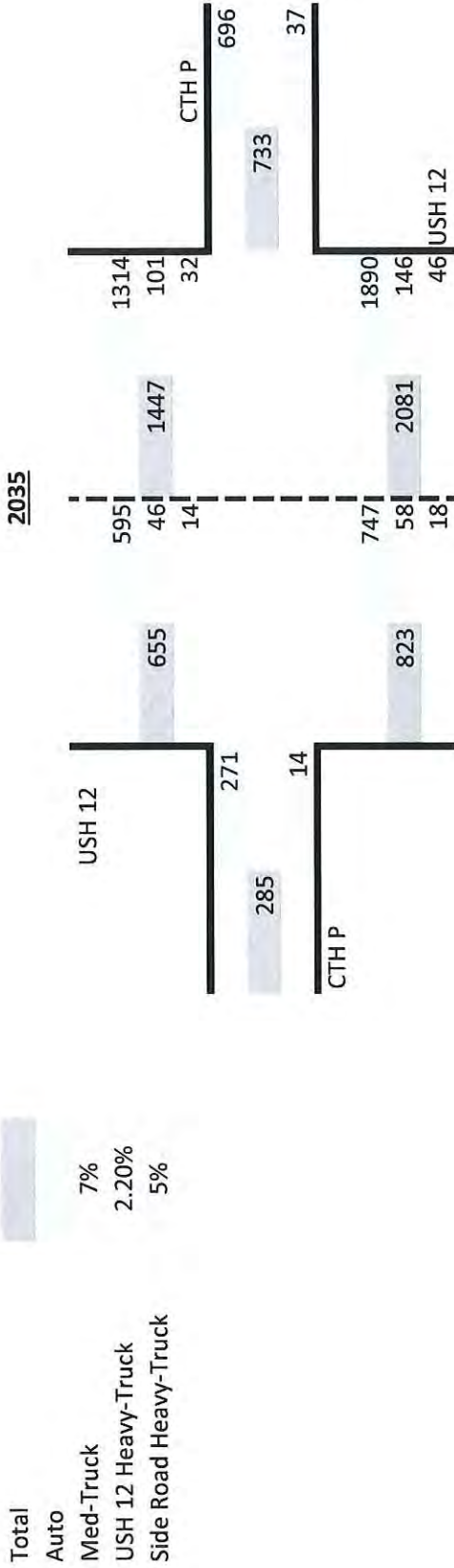
Year: 2007

### Project Description

Project ID: 5300-05-00  
 Location: Middleton-STH 19 (West)  
 Route: USH 12  
 Region/County: Southwest/ Dane Co.



# 2040 EXISTING CONDITIONS: USH 12 & CTH P



# Projected PM Design Hour Traffic Volumes

WisDot Bureau of Planning

Traffic Forecasting Section

Forecast by: Bill Gavinski

Phone: (608) 266-3976

Email: [william.gavinski@dot.state.wi.us](mailto:william.gavinski@dot.state.wi.us)

Forecast Completed:

Design Hour Turning Movement Data

Design Hour: 4:30-5:30 p.m.

December 4, 2007

## Project Description

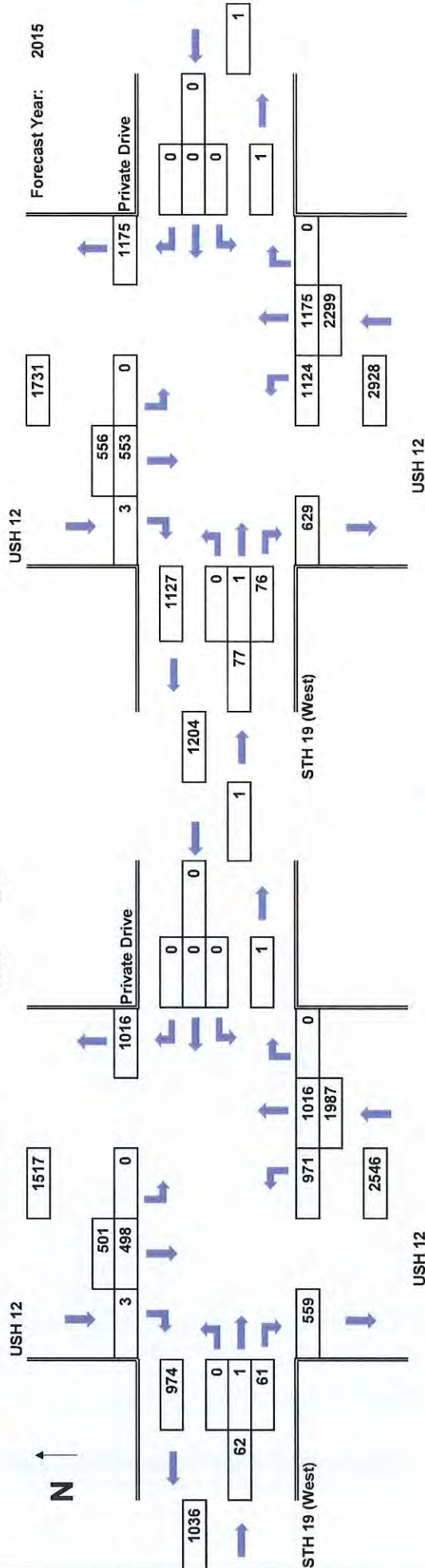
Project ID: 5300-05-00

Location: Middleton -STH 19 (West)

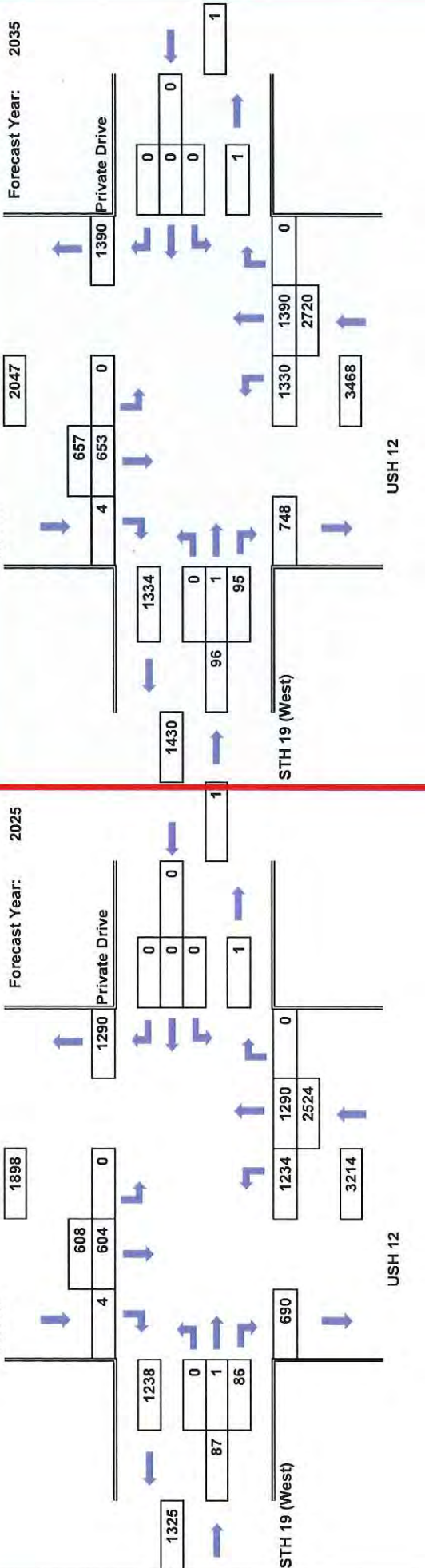
Route: USH 12

Region/County: Southwest/Dane Co.

Year: 2007

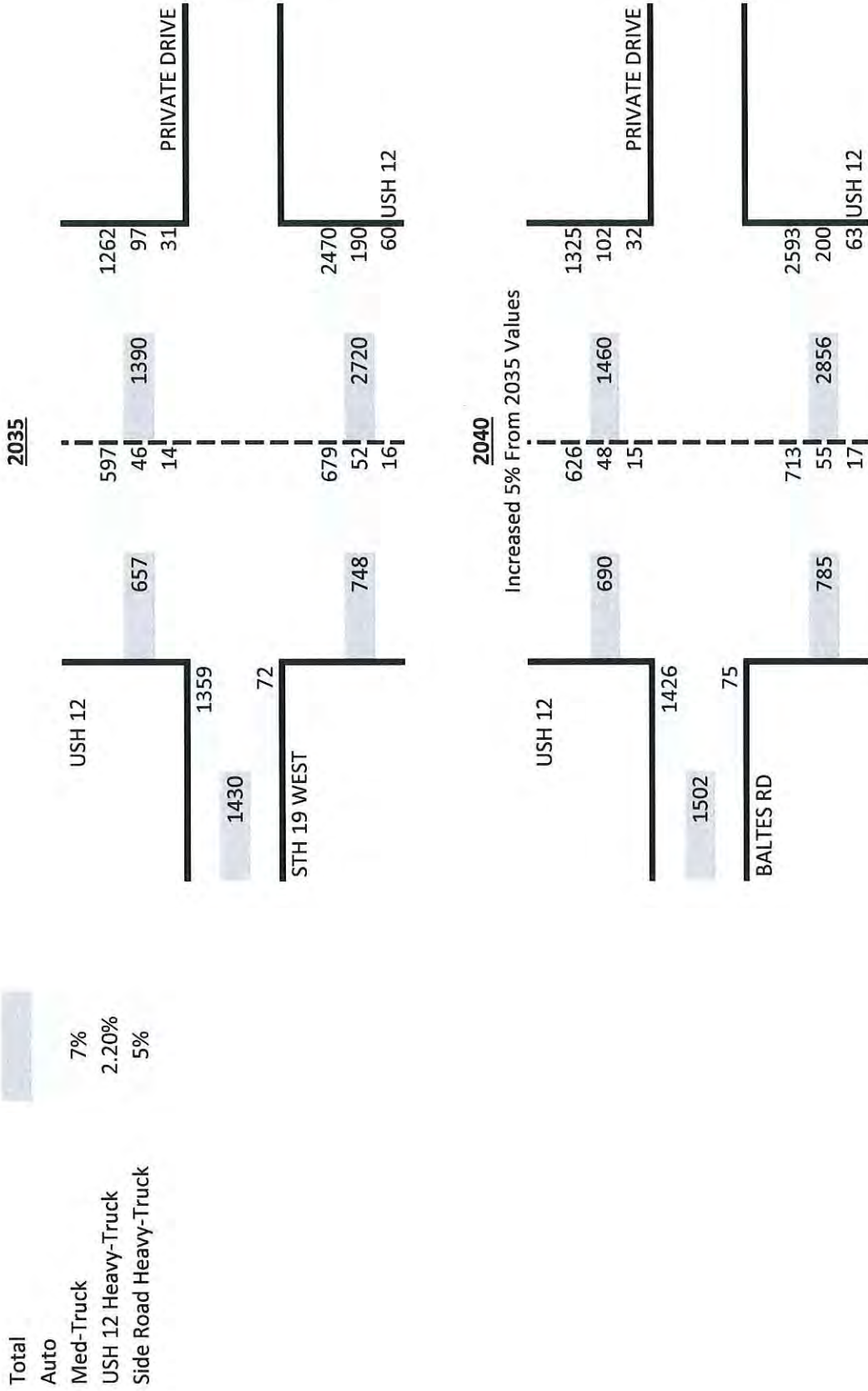


Year: 2025

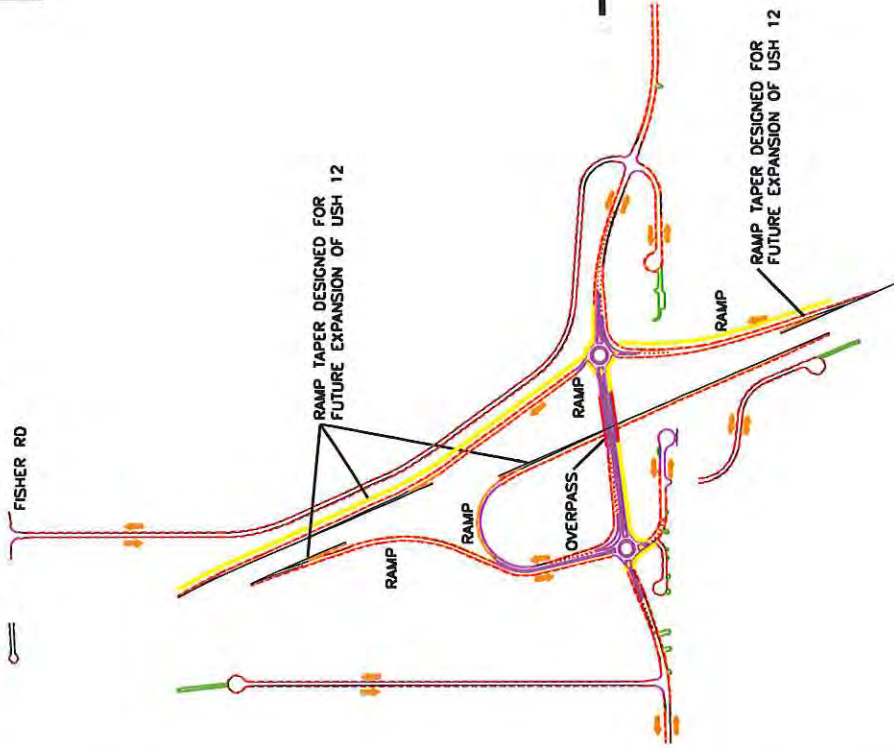




# 2040 EXISTING CONDITIONS: USH 12 & STH 19 WEST

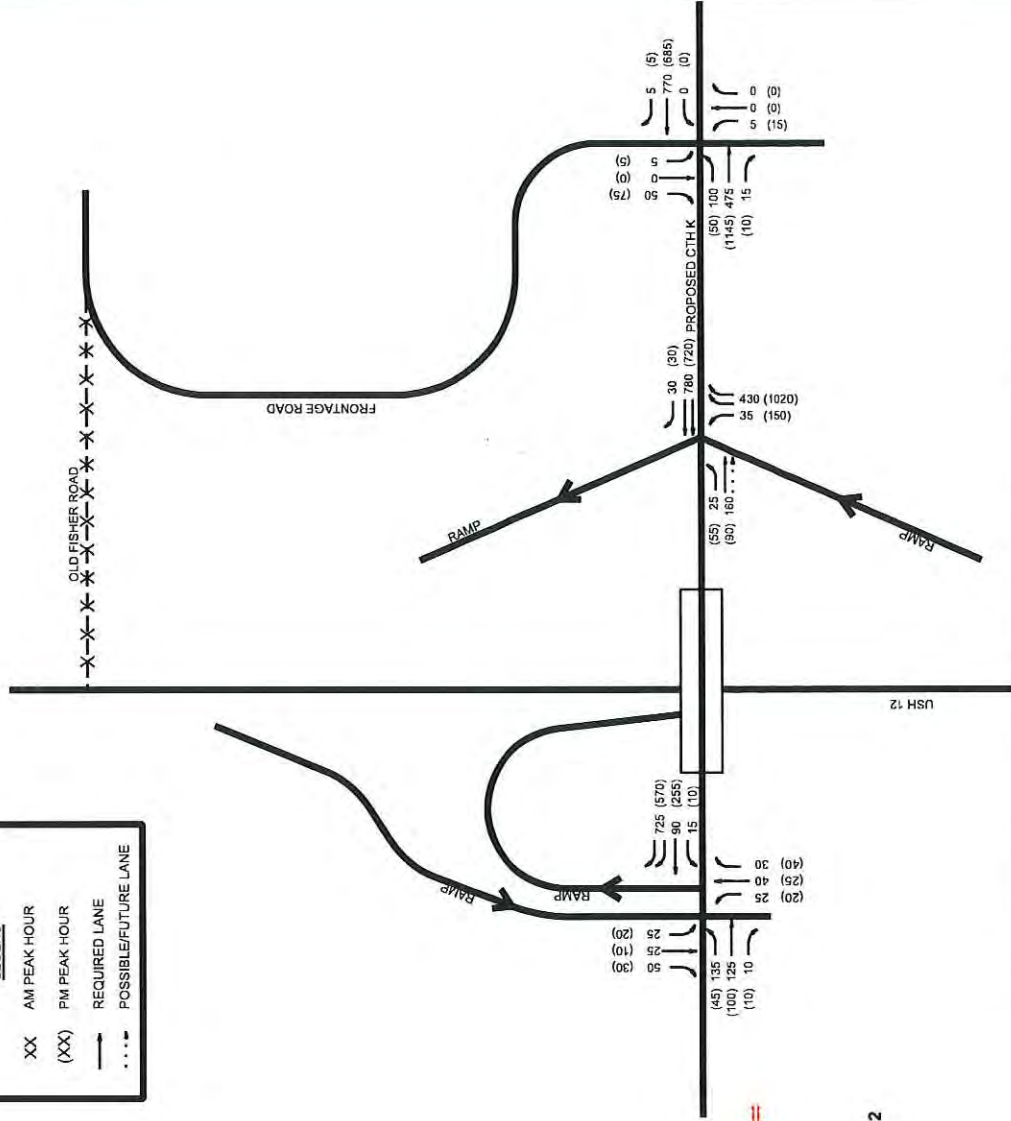


**USH 12 FREEWAY CONVERSION STUDY  
SOUTH 3A  
PARTIAL CLOVER LEAF/JUG HANDLE INTERCHANGE  
(FORMER ALT. N4 & N5)**



**LEGEND**

- XX AM PEAK HOUR
- (XX) PM PEAK HOUR
- REQUIRED LANE
- ... POSSIBLE/FUTURE LANE



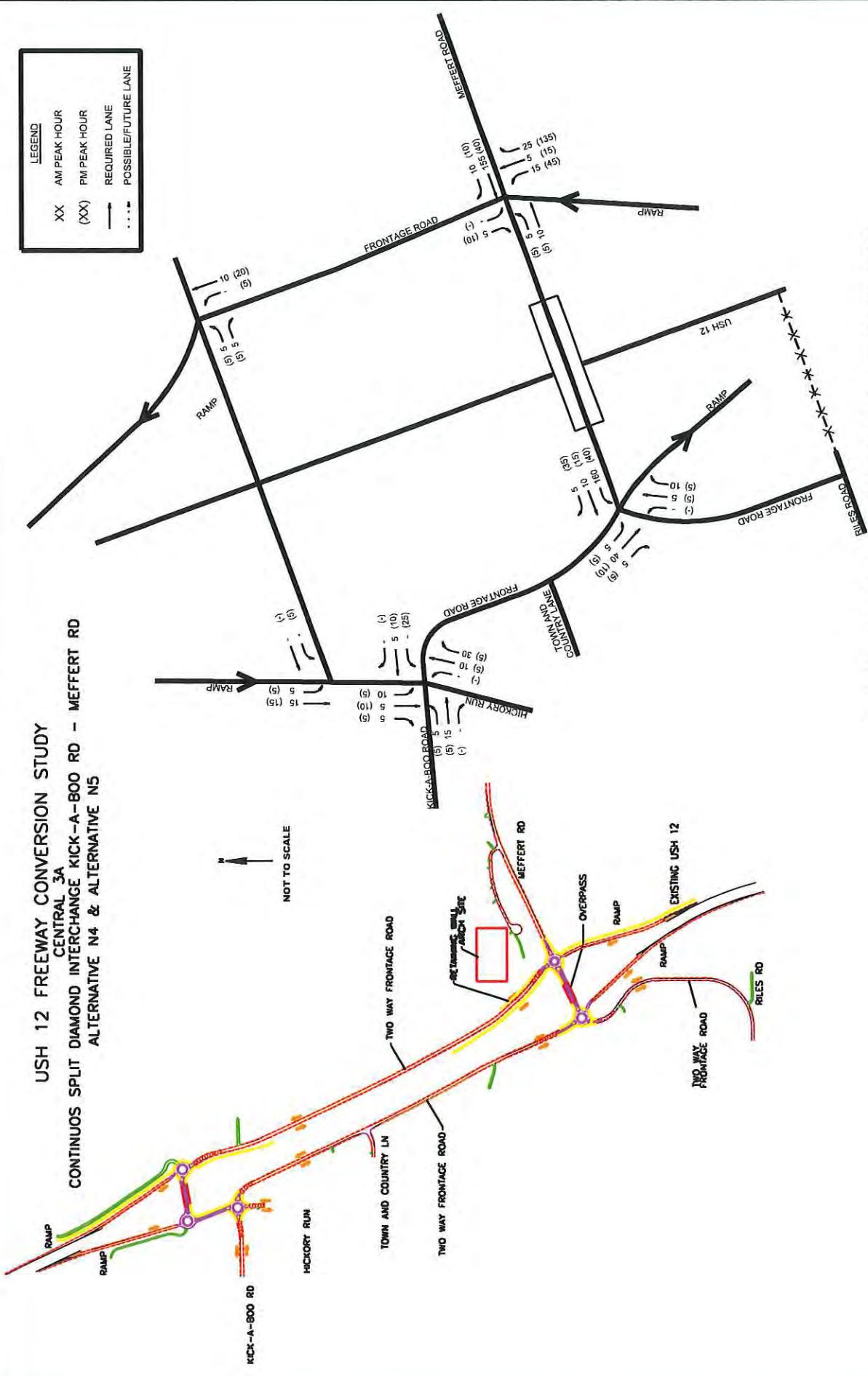
**PROPOSED 2040 GEOMETRIC LAYOUT AND  
REDISTRIBUTED TRAFFIC VOLUMES**



**USH 12 FREEWAY CONVERSION STUDY  
SOUTH 3A**



**USH 12 FREEWAY CONVERSION STUDY  
CENTRAL 3A  
CONTINUOUS SPLIT DIAMOND INTERCHANGE KICK-A-800 RD - MEFFERT RD  
ALTERNATIVE N4 & ALTERNATIVE N5**



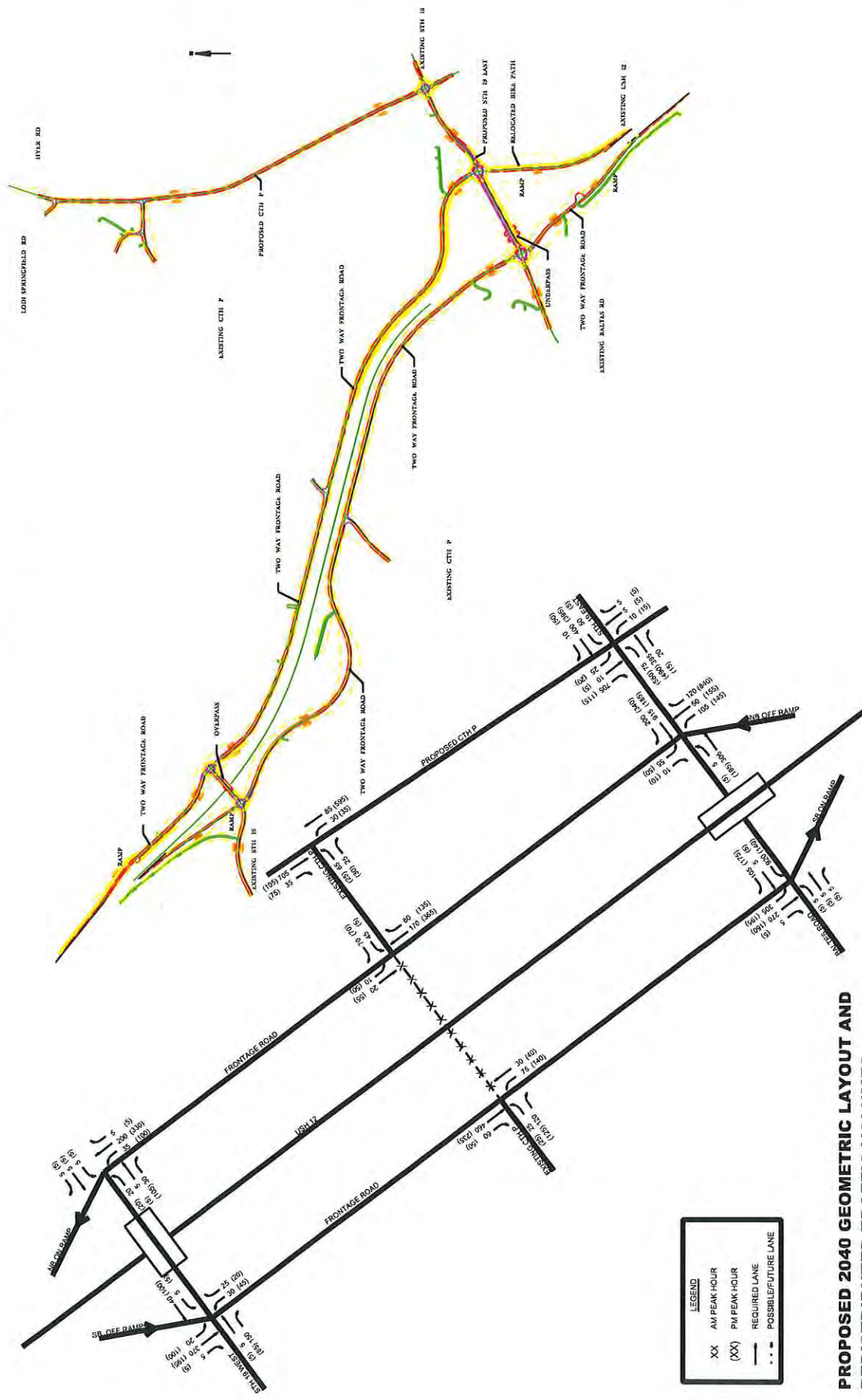
**PROPOSED 2040 GEOMETRIC LAYOUT AND  
REDISTRIBUTED TRAFFIC VOLUMES**

**USH 12 FREEWAY CONVERSION STUDY  
CENTRAL 3A**





USH 12 FREEWAY CONVERSION STUDY  
 NORTH 1B  
 CONTINUOUS SPLIT DIAMOND INTERCHANGE STH 19 RAMP-ROUTE CTH P TO STH 19 EAST  
 (FORMER A.L.T.N)



**LEGEND**

- XX AM PEAK HOUR
- (XX) PM PEAK HOUR
- REQUIRED LANE
- ... POSSIBLE/FUTURE LANE

**PROPOSED 2040 GEOMETRIC LAYOUT AND REDISTRIBUTED TRAFFIC VOLUMES**



**USH 12 FREEWAY CONVERSION STUDY  
 NORTH 1B**