

Downtown Traffic Survey

City of Neenah, Wisconsin

Outline

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 - Distribution
- Results
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Methodology

Purpose & Goals

- Intent
 - The survey was developed as a tool to help identify existing traffic conditions. As a result, the survey results will be used in assessing impacts resulting from traffic projects, events, and future development.
- Objectives
 - To gauge public perception on current traffic conditions
 - To determine any trends in traffic patterns
 - To identify and prioritize areas of concern
 - To gather recommendations for potential improvements

Parameters

- Survey design (see handout)
- Survey accessible online
- No multiple responses allowed per device
- Any question can be skipped
- Survey period: 12/14/15 through 01/04/16 (generally)

Distribution

- The survey was distributed via email to contacts. It was up to the source contacts to distribute the survey to their respective members/employees.
- Distribution List:
 - Business Improvement District (BID)
 - Post Office
 - City Hall
 - Neenah Library
 - Alta Resources
 - Plexus
 - Bemis
 - Theda Clark

Survey Area

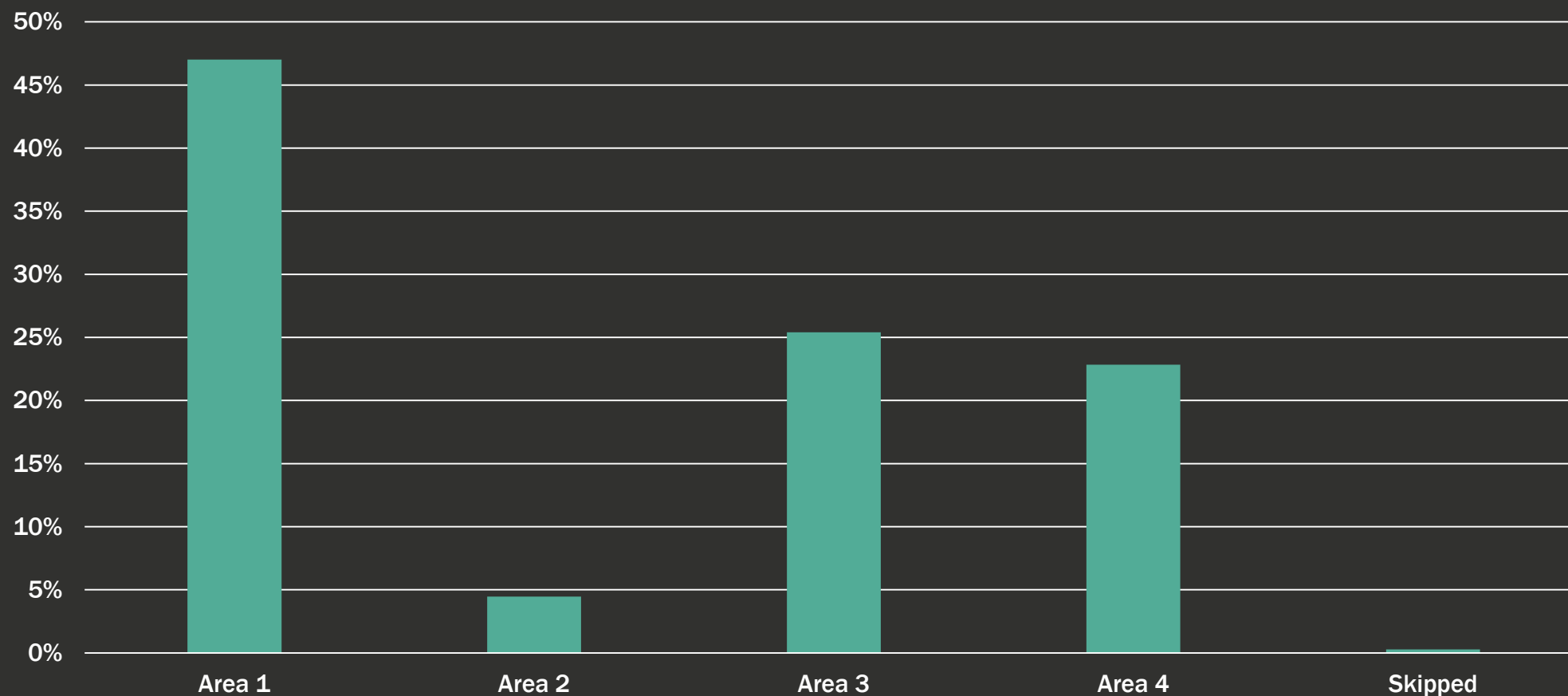


Results

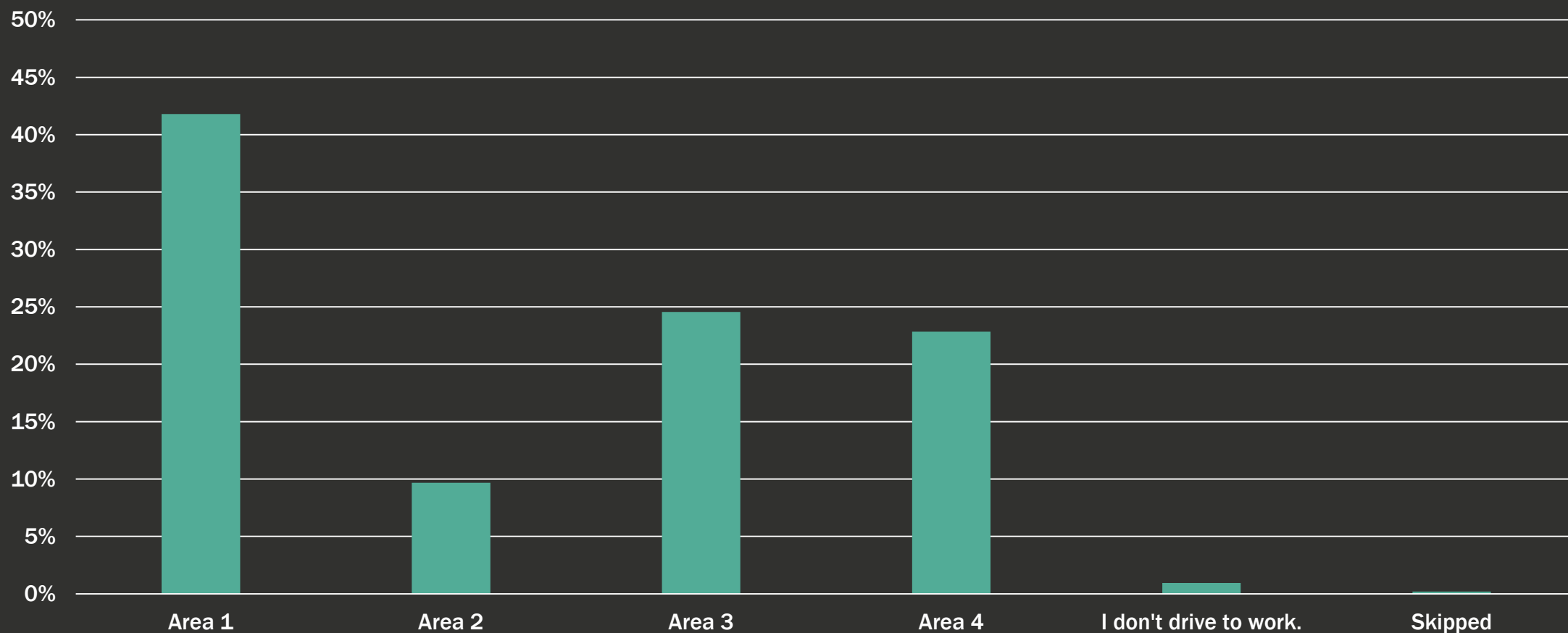
General Results

- The participation rate was roughly 50% among all employees in the survey area
- Total responses: 1056
 - BID/City Hall/Library/Post Office: 107
 - Bemis: 132
 - Plexus: 153
 - Theda Clark: 241
 - Alta Resources: 423

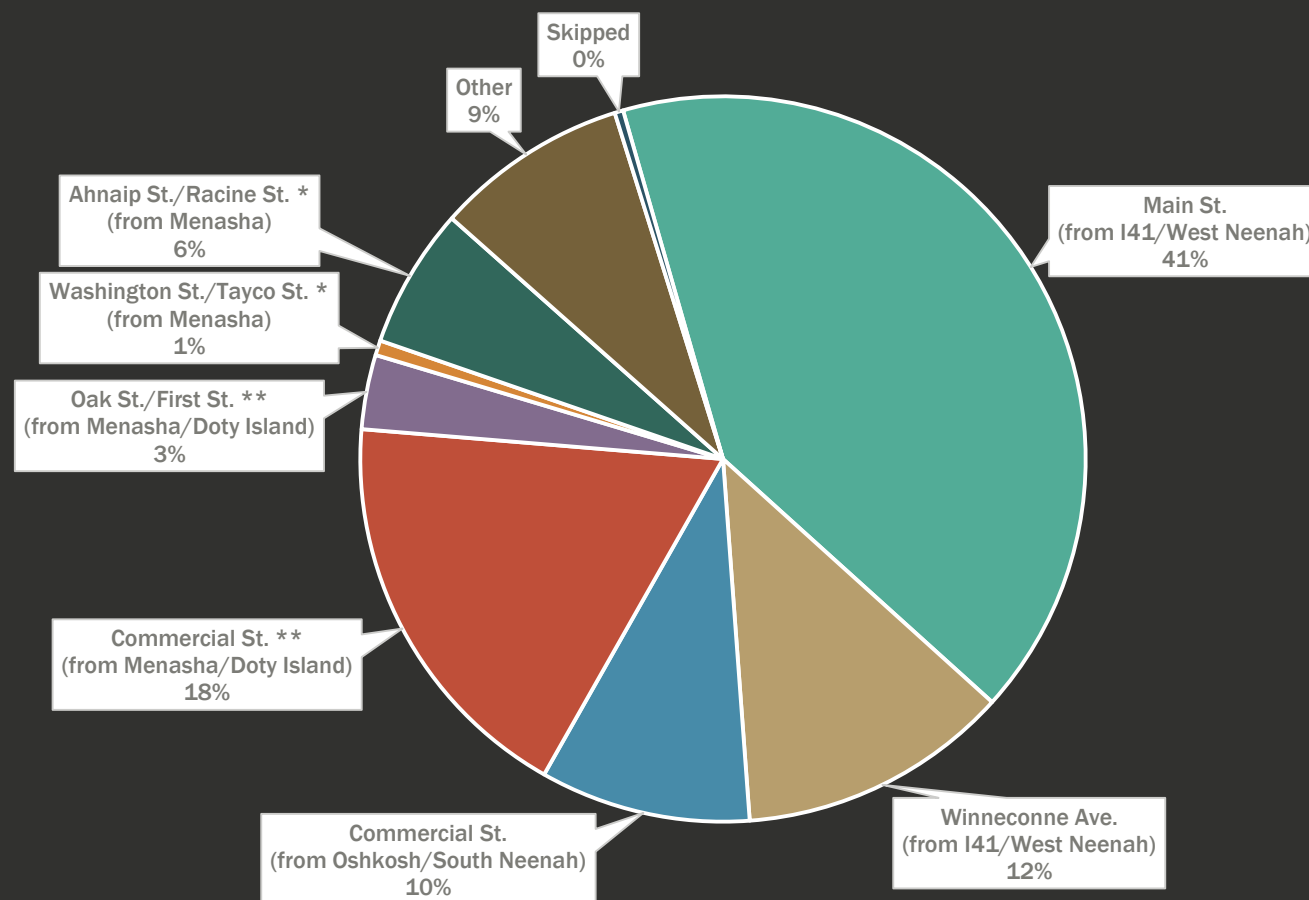
In what area is the business you work for located?



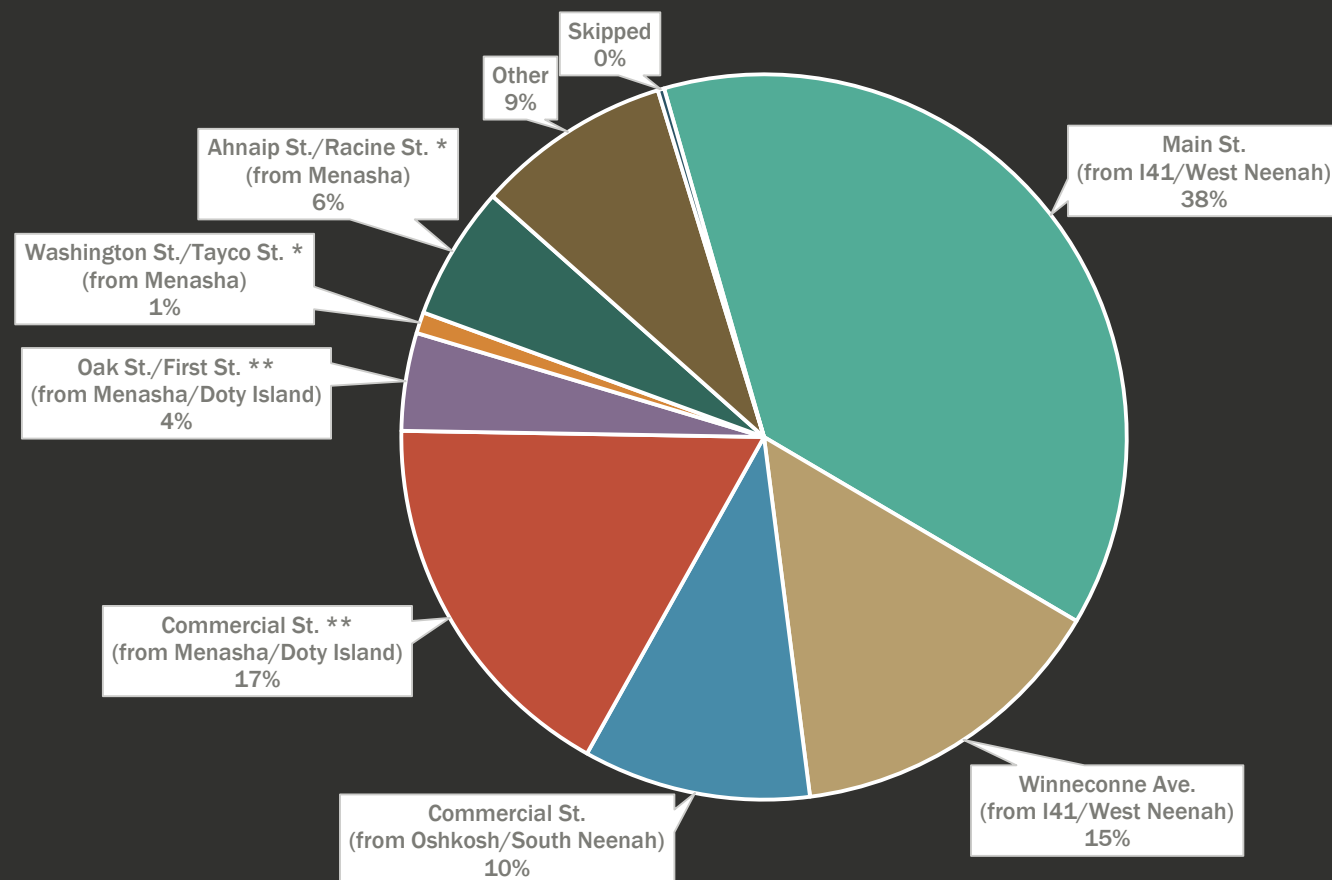
In what area do you most often park your vehicle?



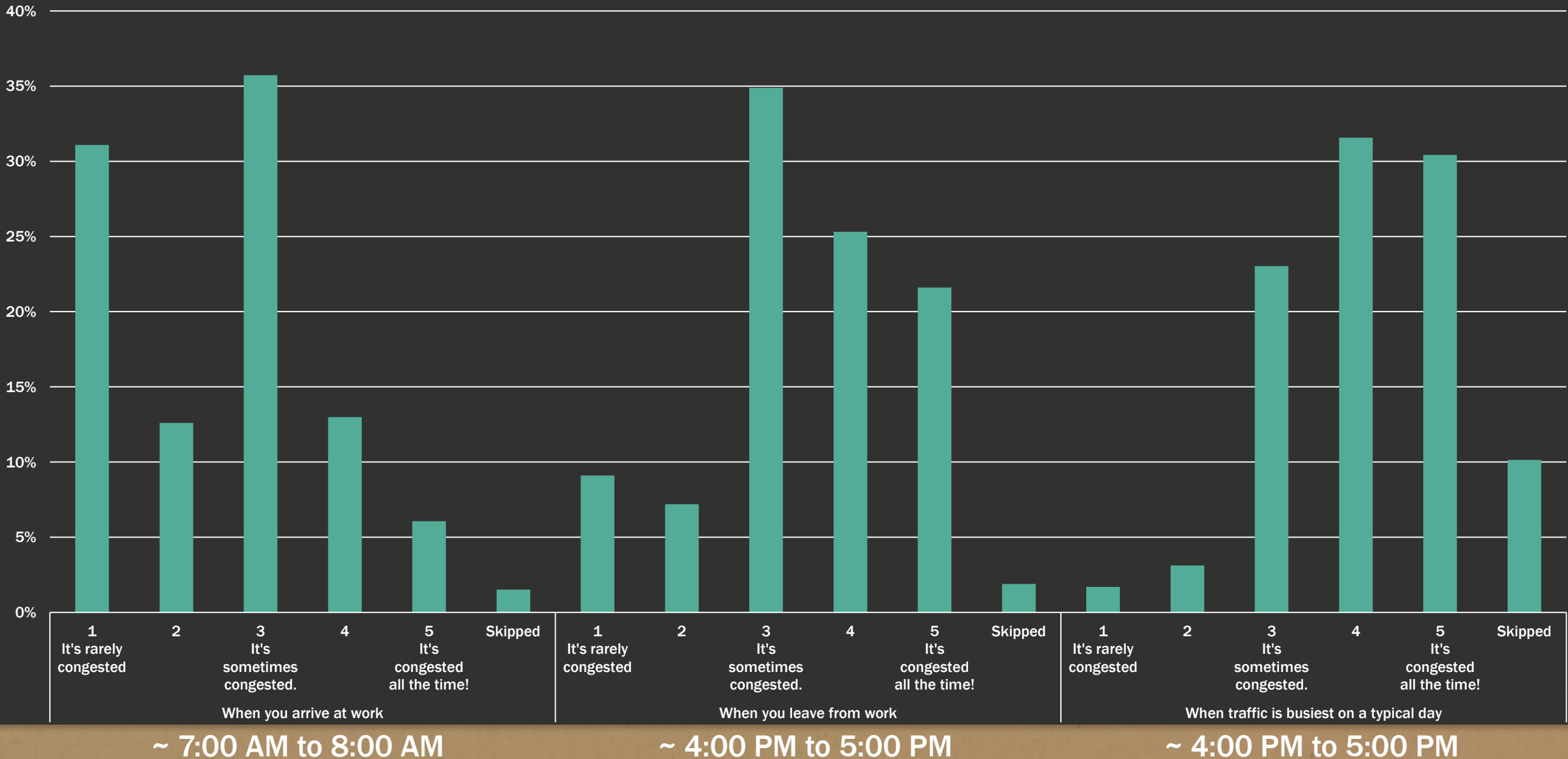
Which route do you typically travel TO work?



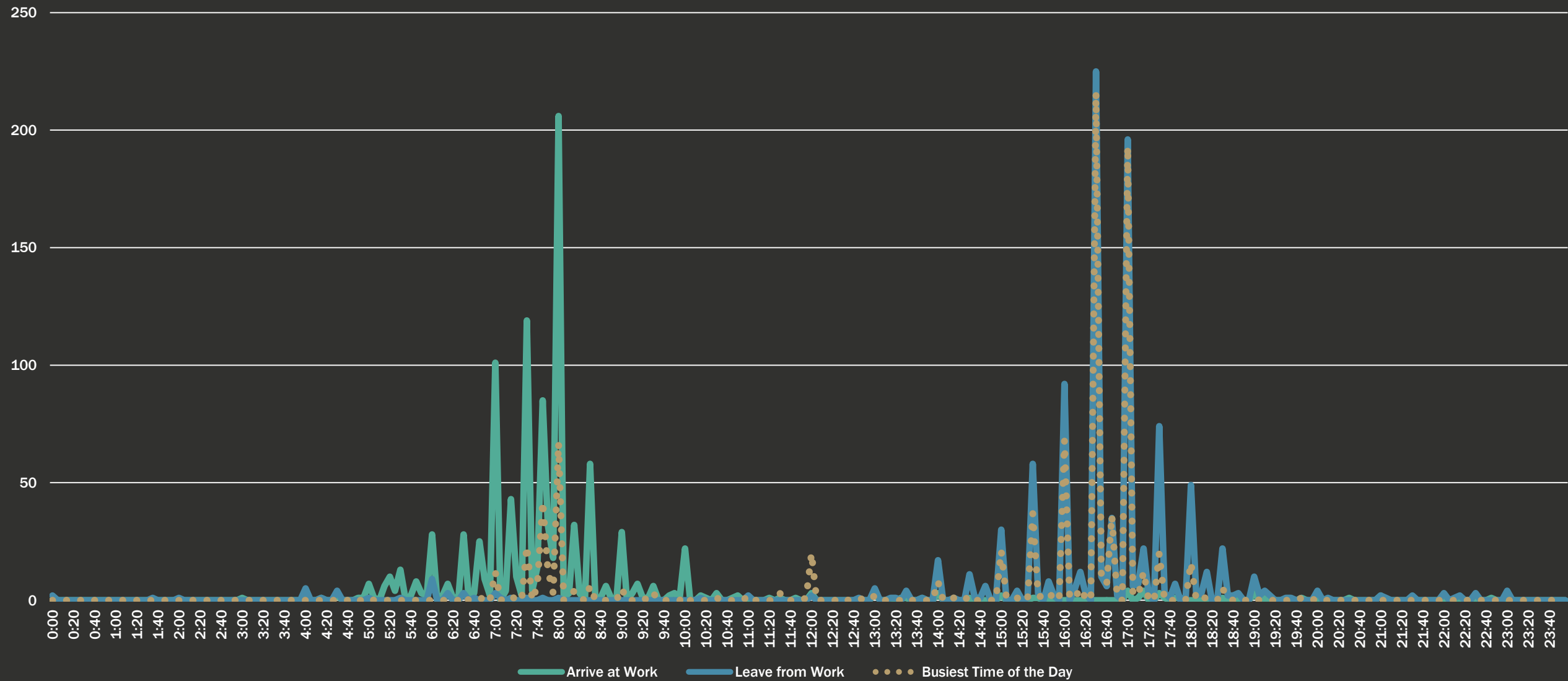
Which route do you typically travel FROM work?



Rate how traffic flows downtown:



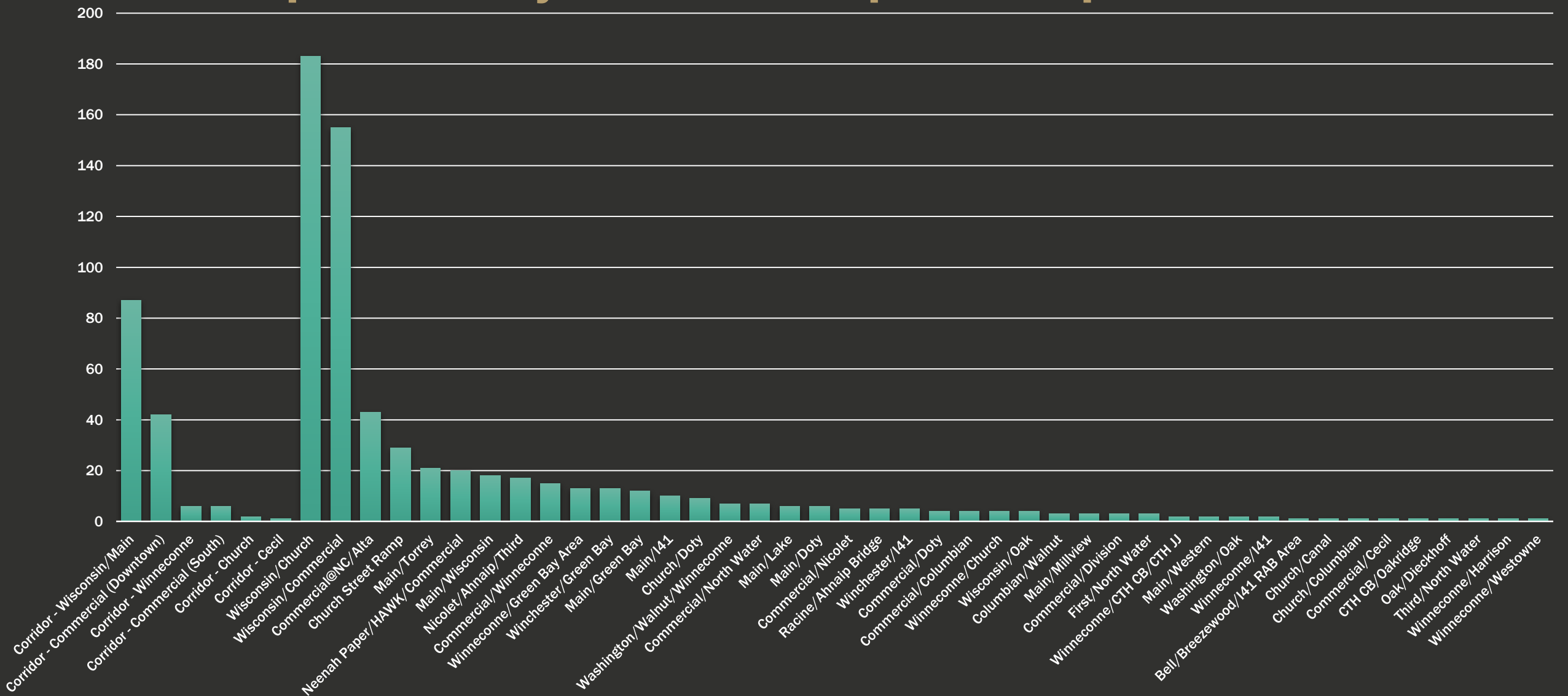
Time of Day



Open-Ended Response Analysis

- Questions:
 - Describe any frustrations you have with traveling through Neenah
 - Please add any additional comments or recommendations
- Each response was categorized by location and response type
 - Location examples:
 - “Commercial/Wisconsin,” “Commercial Street Corridor,” “Generally”
 - Response type examples:
 - “Navigation,” “Queueing/Congestion/Delay,” “Lack of Exclusive Signal Movement”
- Each response was tagged to a respondent ID
 - This way, multiple responses from one respondent doesn’t skew quantities
- Lane & signal phase abbreviation examples:
 - “EBL” = Eastbound Left Lane, “SBTR” = Southbound Through & Right Lane

Responses by Locations per Respondent



Open-Ended Responses: Top Corridors

Wisconsin/Main

- Excessive queueing/delay
- Difficult parking access/maneuvers
- Lack of signal coordination
- Midblock crosswalks impede flow
- Lane configuration
 - Convert to 4 lanes (and remove parking)
 - Better mark parking stall on Main
- Unsafe crosswalks, visibility of pedestrians

Commercial (Downtown)

- Unsafe/difficult maneuvers
 - Crossing Commercial at side streets
 - Access from parking lots fronting on Commercial
- Excessive queueing/delay
- Poor signal coordination/timing
- Generally unsafe for pedestrians/bicyclists
- Snow/ice in sidewalks
- Alter lane configurations; Too many signals

Open-Ended Responses: Top 15 Locations

#1 Wisconsin/Church

- Excessive queuing (SBLT, EBL, EBTR, SBR, WBTR)
- Drivers blocking the intersection
- Green signal too short (SBL, SB, EBL, NB)
- Pedestrians inhibiting turn movements (East leg)
- Multiple cycle delays
- Alter lane configuration
 - Add through lane
 - Designate the through lane with right-only lane
 - Remove parking for visibility
- No exclusive movement (SBL)
- Add crosswalk (West leg)

Open-Ended Responses: Top 15 Locations

#2 Wisconsin/Commercial

- Excessive queuing (EBL, EBT, NBTR, NBL, SBTR, WBT, WBL)
- No exclusive movement (WBL, NBL, ~EBL)
- Green signal too short (EBL)
- Unsafe crosswalk (N leg)
- Multiple cycle delay (EBL, EBT)
- Alter lane configuration
 - Make NBL lane a NBLT
 - Make SBTR a SBR
 - Lengthen EBR (remove parking)
 - Lengthen EBL (remove bumpouts, parking)
- Drivers running red lights
- Convert to a roundabout

Open-Ended Responses: Top 15 Locations

#3 Commercial @ Alta Resources

- Unsafe jaywalking
- Add pedestrian infrastructure
 - Crosswalk (markings/signs)
 - Crosswalk beacons
 - Skywalk
 - Pedestrian bridge

#4 Church Street Ramp

- Provide alternate route to/from ramp
- Poor driver behavior: speeding, distracted driving, tailgating
- Queueing inside the ramp
- Slippery surface when wet
- Lack of snow ice removal
- Disregard for parking rules

Open-Ended Responses: Top 15 Locations

#5 Main/Torrey

- Unsafe maneuvers
 - Torrey NBL onto Main
 - Main EB merge
- Alter lane configuration
 - Make EBTR lane an EBR
- Excessive delay/queueing
- Convert to a roundabout

#6 Commercial @ Neenah Paper

- Trucks blocking the street causing congestion
- Sidewalk being blocked by trucks

Open-Ended Responses: Top 15 Locations

#7 Main/Wisconsin

- Unsafe crosswalk
 - Visibility
 - Drivers fail to yield right-of-way
- Add pedestrian infrastructure
 - Beacons
 - Better signing
 - Move crosswalk

#8 Nicolet/Ahnaip/Third

- Green signal too short (NB, SBT)
- Convert to roundabout
- Poor signal timing
- Driver running red lights
- Excessive delay/queueing (NB)
- Signals skipping phase (NB)

Open-Ended Responses: Top 15 Locations

#9 Commercial/Winneconne

- Convert to roundabout
- Excessive queueing (EBL, SBTR)
- Green signal too short (EBL)
- Lane configuration
 - Make SBTR lane a SBR
- Multiple cycle delay (SBT in SBTR)

#10 Winneconne/Green Bay Area

- Excessive queueing
- Unsafe crosswalks
- Confusion with lane usage/improper left turns
- Speeding/failure-to-yield
- Difficult to get in proper lane between roundabouts

Open-Ended Responses: Top 15 Locations

#11 Winchester/Green Bay

- Excessive queueing (NBL)
- Green signal too short (NBL)
- Convert to roundabout
- Multiple cycle delays (NBL)

#12 Main/Green Bay

- Excessive queueing/delay
- Convert to roundabout

Open-Ended Responses: Top 15 Locations

#13 Main/I-41

- Add on-ramps at interchange

#14 Church/Doty

- Convert to all-way stop
- Unsafe/difficult to cross Doty

Open-Ended Responses: Top 15 Locations

#15 Washington/Walnut/Winneconne

- Unsafe/difficult to cross Washington (NBT)
- Convert to an all-way stop
- Unsafe crosswalk (East leg)
- Convert to a roundabout

Open-Ended Responses:

Other Responses (No Specific Location)

- **Parking concerns**
 - Add parking supply
 - High parking demand
 - Improve parking utilization/management
- **Construction/incident management**
 - WIS 441/I41
 - Local street closures
- **Pedestrian concerns**
 - Snow/ice in walkways
 - Add pedestrian infrastructure (beacons, accessible routes, etc.)
 - Crosswalks unsafe (drivers fail to yield)
 - Poor lighting
- **Navigating the downtown**
 - Make a downtown bypass route (using Columbian)
 - Better navigation to I41, hospital, parking
 - Street network not accessible/easy to navigate
- **Queueing/congestion/delay**
- **Driver behavior**
 - Speeding
 - Blocking intersections
 - Inattentive drivers
- **Signal concerns (timing, coordination, etc.)**
- **Add more roundabouts**
- **Unwarranted/excessive delay at railroad crossings**

Open-Ended Responses: General Recap

- Queueing/Congestion/Delay 22%
- Signal Concerns 19%
- Pedestrian Concerns 15%
- Intersection/Lane Control 11%
- Parking Concerns 7%
- Driver Behavior 7%
- Unsafe Maneuvers 5%
- Navigation 3%
- Construction/Incidents 3%
- Roundabout Concerns 2%
- Other 6%

Thank you for
listening!



WHY DO THEY CALL IT THE RUSH
HOUR? WE HAVEN'T MOVED IN
TEN MINUTES!!