

Village of Shorewood, Wisconsin TRANSPORTATION + PARKING ANALYSIS

Village Board Final Presentation

January 30, 2020



WALKER
CONSULTANTS



ERIKSSON
ENGINEERING
ASSOCIATES, LTD.

Meeting Agenda

- Introduction from Bart Griepentrog
- Parking and Transportation Planning Goals
- Community Engagement Overview
- **Parking Analysis**
 - Current Condition Summary
 - Parking Findings and Recommendations
- Village Board Questions/Comments
- **Transportation Analysis**
 - Current Condition Summary
 - Transportation Findings and Recommendations
- Village Board Questions/Comments





PARKING + TRANSPORTATION PLANNING GOALS



STANDARDIZATION



COMMUNICATION



ACCESSIBILITY



SAFETY



COMPLIANCE

Community Engagement

HOW WE ENGAGED:

- **6** – Town Hall Meetings
- **9** – Focus Group Meetings
- **4** – Technical Advisory Group Meetings
- **150+** – Total Attendees
- **85+** – Online Comments Submitted (*via Village Website*)
- Meetings with Village Staff
- Village Trustee Questionnaire



Community Engagement

Theme Identification

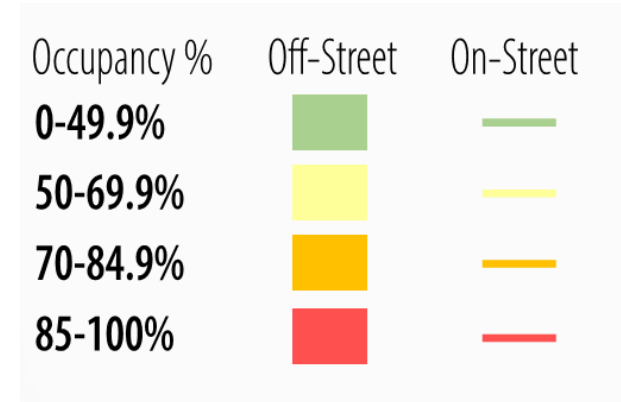


Parking Analysis



Current Conditions Summary

| Parking Type | Parking Inventory | Parking Occupancy and Adequacy | | | | | |
|-------------------|-------------------|--------------------------------|------------|--------------|------------|--------------|------------|
| | | 2:00 PM | Occ. % | 7:00 PM | Occ. % | 11:00 PM | Occ. % |
| On Street | 2,458 | 695 | 28% | 639 | 26% | 347 | 14% |
| Surplus/(Deficit) | | 1,763 | | 1,819 | | 2,111 | |
| Off-Street | 910 | 417 | 46% | 515 | 48% | 320 | 35% |
| Surplus/(Deficit) | | 493 | | 476 | | 590 | |
| Total | 3,368 | 1,112 | 33% | 1,073 | 32% | 667 | 20% |
| Surplus/(Deficit) | | 2,256 | | 2,295 | | 2,701 | |



Total Occupancy (includes off-street and on-street totals):

2:00 PM – **33%**

7:00 PM – **32%**

11:00PM – **20%**

Parking Findings and Recommendations – Top Five Priorities

1. Village Parking Utilization

- Expand shared use parking agreements
- Better utilize Metro Market garage for overnight parking needs
- Daytime and overnight parking supply is available in the commercial business district
- “Hot spots” or “pinch points” should not impede on overnight permit parking

2. Resident Overnight Parking Permit

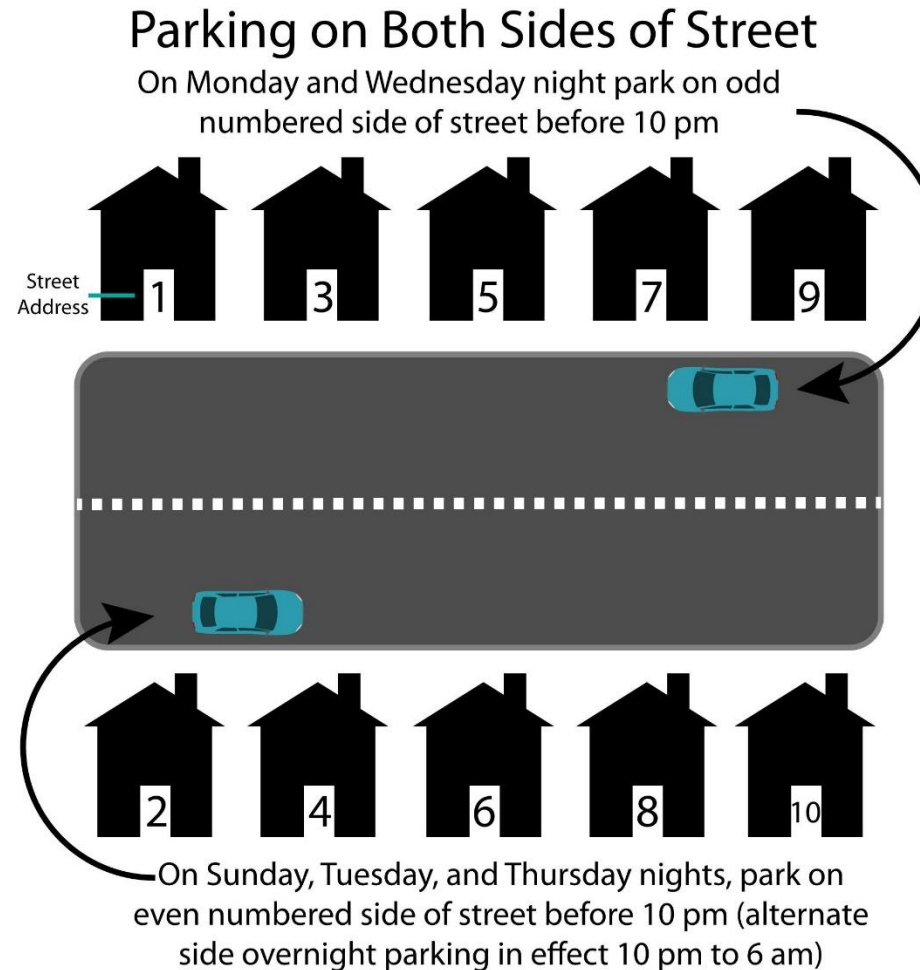
- Modify Resident Overnight Parking Permit Program to allow participation by all Village residents for purchase
- Allows Shorewood residents to park between the hours of 3:00 a.m. and 5:00 a.m. on any street not designated as a no parking or 15-minute loading zone.
- No more than one (1) permit per license plate. Maximum two (2) permits per household. Also subject to Alternate Side Overnight Parking and Winter Parking regulations.
- Recommend on-street overnight permit be priced higher than the overnight off-street permit

Parking Findings and Recommendations – Top Five Priorities

3. **Alternate Side Overnight Parking/Winter Parking**

Alternate side overnight parking is required on all Village streets from 10PM - 6AM, (excludes Friday and Saturday nights and holidays) unless otherwise posted.

However, alternate side overnight parking is not in effect on any Village street that currently has winter parking restrictions posted (No Parking from December 1 to March 1).



* Please note alternate side overnight parking is not in effect on Friday and Saturday nights

Parking Findings and Recommendations – Top Five Priorities

4. Parking Enforcement

- Continue the use of LPR for enforcement
- Continue to operate within the Police Department
- Consider adding one part-time employee to support enforcement efforts during peak weekday periods near schools and along Capitol Avenue and Oakland Avenue
- Consider implementing Village Ambassador program

5. Accessible Parking Authorization

- Accessible parking space request directed to Customer Service and Public Works
- Customer Service will perform initial review for eligibility requirements
- Director of Public Works responsible for final review and authorization of accessible parking space installation

Parking Findings and Recommendations – Additional Recommendations

- **Update Parking Ordinance – Consistency between Posted Signs, Village Website and Village Code**
- **Consolidate On-Street Daytime Time Limits**
- **Maintain Temporary Parking Permit Program**
- **Review Overnight Parking Permit Pricing**
- **Maintain Resident Daytime Parking Permit Program**
- **Consider adopting Transportation Demand Management Guidelines within the Village Code**
- **Consider adopting Complete Streets Guidelines within the Village Code**
- **Install Village-wide Informational Parking Signage**

Village Board Questions + Comments

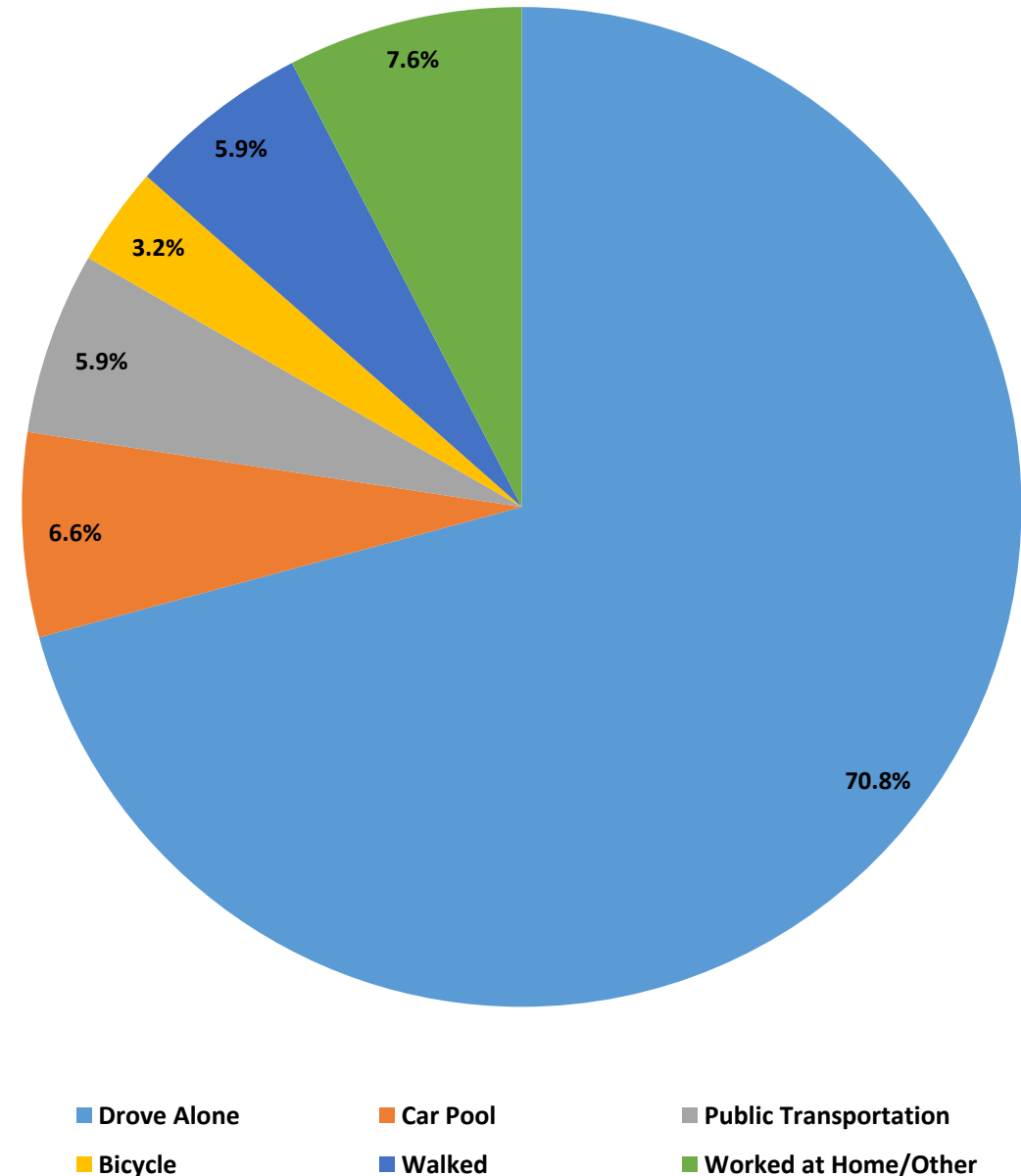


Transportation Analysis



Current Conditions Summary

- Wisconsin's Densest Municipality
- Urban Grid Network
- Traffic Volumes Stable or Falling
- Multi-Modal Environment



Current Traffic Controls

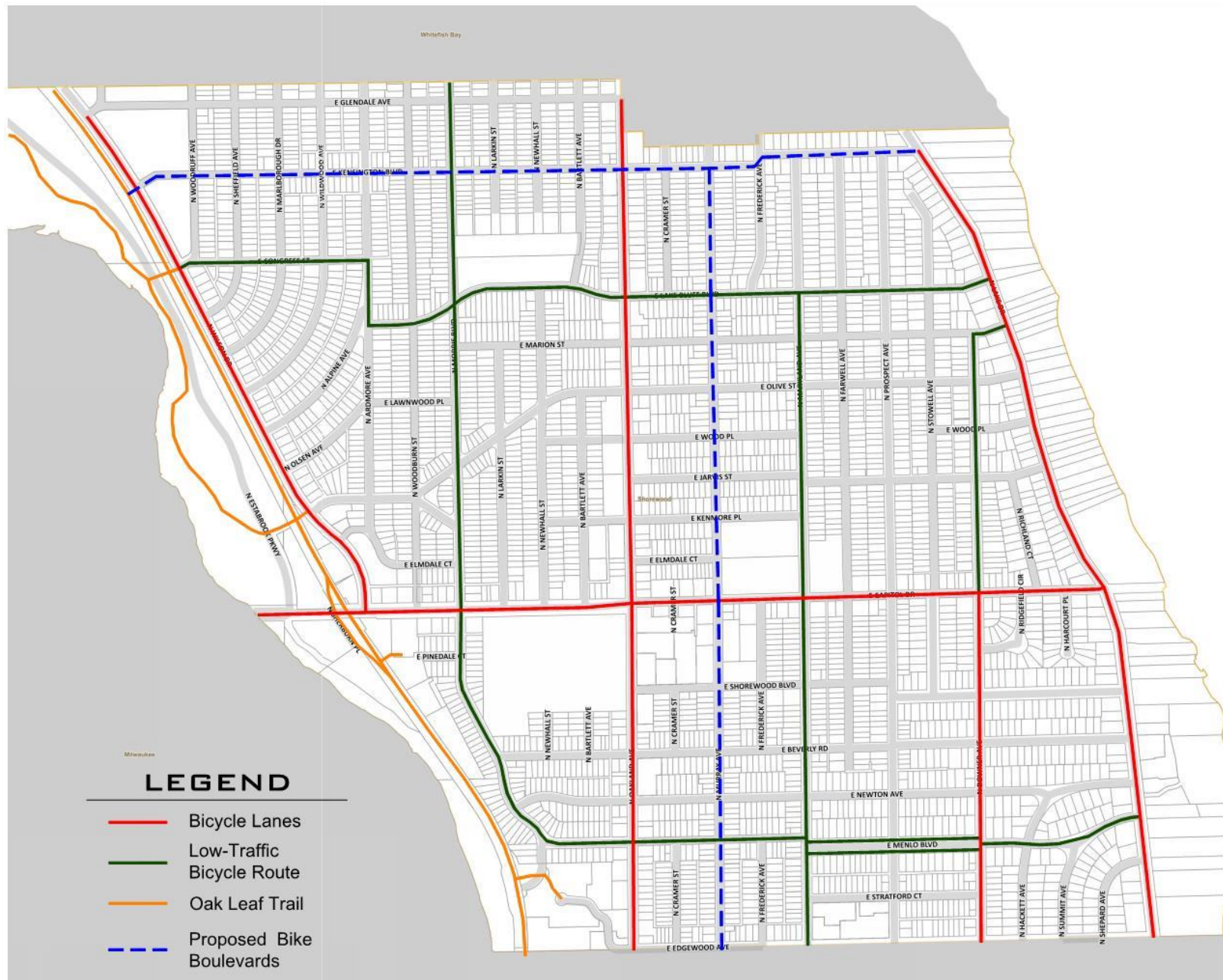
- 12 Traffic Signals
- 34 All-way Stops
- 100 Two-way Stops
- 10 Yield Signs
- 13 Uncontrolled

- **Intersection Control**
 - Dictates Rights of Way
 - Pedestrian Protection
 - Safety



Bicycle Systems

- **Bike Lanes**
 - Located on Busier Streets
 - Separate Lanes
- **Low Traffic Routes**
 - Shared Road
- **Oak Leaf Trail**
 - Regional Route
- **Bike Boulevards**
 - Murray Avenue
 - Kensington Avenue



Transportation Findings and Recommendations – Top Five Priorities

1. Metro Market Pedestrian Safety

- Remove northern crosswalk at Jarvis
- Provide barriers to direct pedestrians to southern crosswalk
- Provide rectangular rapid flashing beacon (RRFB) at Wood crosswalks

2. Capitol Drive Crosswalks by High School

- Eliminate west crosswalks at Larkin and Newhall
- Install additional signage
- Possible rectangular rapid flashing beacon (RRFB)

3. Rolling Stops

- Remove unnecessary stop signs
- Periodic Enforcement

Transportation Findings and Recommendations – Top Five Priorities

4. Oakland-Kensington Intersection

- Install Traffic Signal

5. Protected Bike Lanes on Capitol Drive

- Short Term – Green Bike Lanes
- Long-term – Move the bike lane to the curb and on-street parking between the travel and bike lanes

Transportation Findings and Recommendations – Additional Recommendations

- **Menlo–Morris Cut-through**
- **Morris–Capitol Intersection**
- **Shorewood Intermediate School**
- **Oakland–Glendale**
- **Capitol–Estabrook**
- **Ridgefield Cut-through**
- **Oakland–Edgewood**
- **Loading Zones**
- **Metro Market Visibility**
- **Jarvis–Lake and Menlo–Lake Crosswalk Visibility**
- **Inconsistent Crosswalk Design**
- **Walkable Community**
- **Adult Bicyclists on Sidewalks**
- **Bike Boulevard**
- **BublR Bikes**
- **E-Scooters**
- **Electronic Surveillance**
- **Autonomous Vehicles**
- **Automated Deliveries**



Image Source: Google Earth, 2018



Metro Market

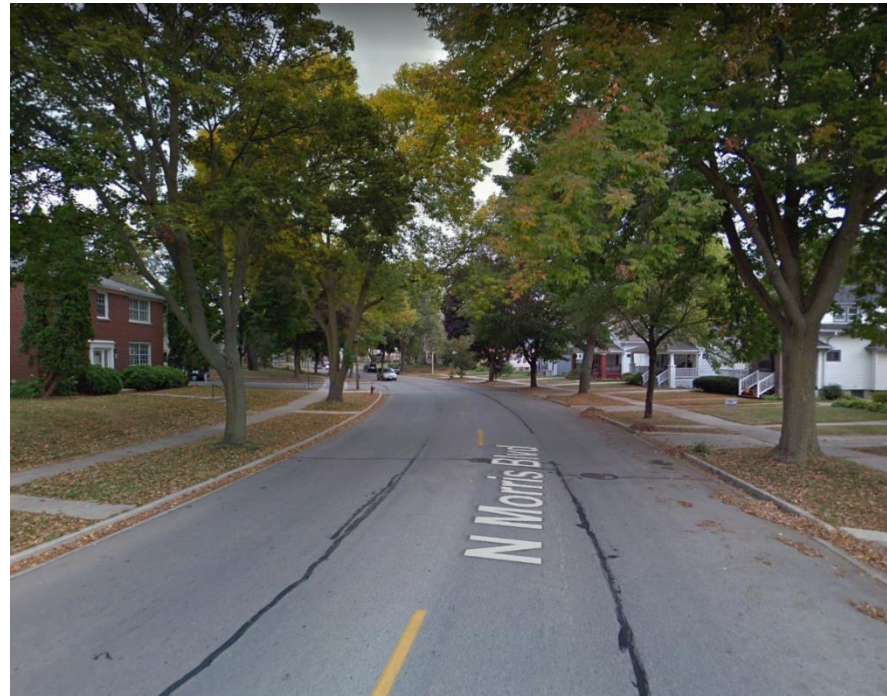
- **Increase Lighting**
- **Improve Sight-Lines**
- **Reduce Pedestrian Conflicts**
- **Remove North Crosswalk**

Exhibit 18: Metro Market Recommended Improvements

Morris-Menlo Cut Through Traffic

- **5,600 vehicles per day**
- **Speeding**
 - 25 mph limit
 - 28-29 mph actual speeds
- **Construct Bump-Outs**
 - South of Capitol
 - North of Pinedale
 - South of Beverly
 - North of Newton
 - East of Morris

- **Install temporary speed table or hump**
- **Slows Travel Speeds**
- **Improves Pedestrian Safety**



Morris-Menlo Intersection

- **Improve Pedestrian Connections/Safety**
- **Encourage Compliance**



Exhibit 20: Morris and Hubbard Intersection Recommended Improvements

Jarvis–Lake and Menlo–Lake Pedestrian Safety

- **Jarvis Street at Lake Drive**
- **Menlo Boulevard at Lake Drive**
- **Install Flashing Beacons**
- **Add Bump-outs in Future**



Transportation Summary

- **Uniform Design and Application of Traffic Control Devices**
- **Public Outreach/Education**
- **Requests through Public Works with Village Staff and Resident Input**
- **Complete Street Ordinance**

Village Board Questions + Comments



Thank You!



Shorewood WI



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