

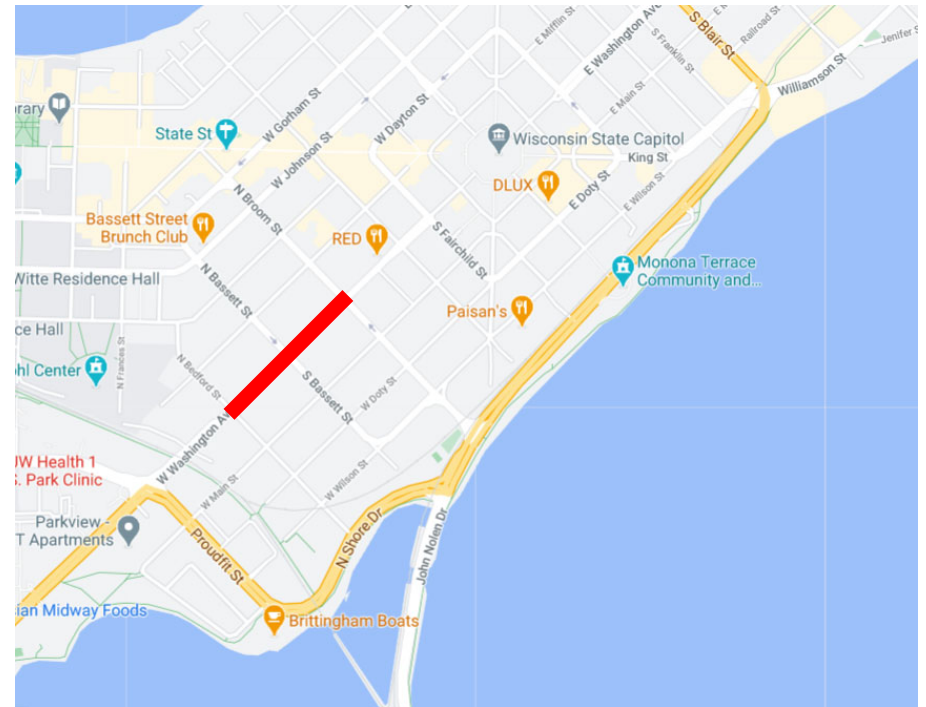


W Washington Resurfacing with Utilities Update

PWI
March 4, 2021

Project

- Resurfacing with replacement of utilities (Sanitary, Water, Storm)
- Limits are Broom to Bedford
- Preliminary Plans shown to TC Feb 10



Source: google

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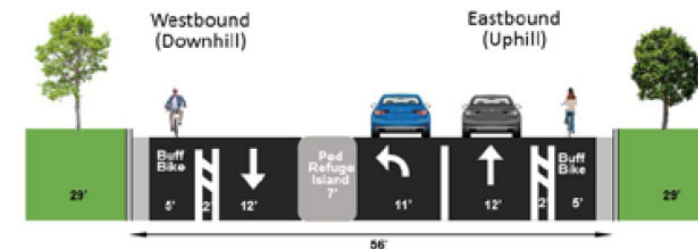
Constraints

- ▶ Street is currently 56' Face of Curb to Face of Curb
- ▶ Desire to have in ROW:
 - Keep Large Terraces and Sidewalk as is
 - One Vehicle lane in each direction
 - One Bus Lane – direction varies
 - Bike Accommodations
 - Parking

Mifflandia Plan (adopted Nov 5 2019)

Transportation Recommendations

4. Improve the safety of all users of the transportation system, through the following recommendations:
 - a. W Washington Ave
 - i. Restripe W Washington Ave between Bedford St and Broom St as a two-lane facility with considerations for on-street parking, bike lanes and potential improvements in transit service.
 - ii. Add pedestrian refuge islands at intersections of Broom St and Bassett St.
 - iii. Pavement area should not be expanded beyond the current width of 56 feet.

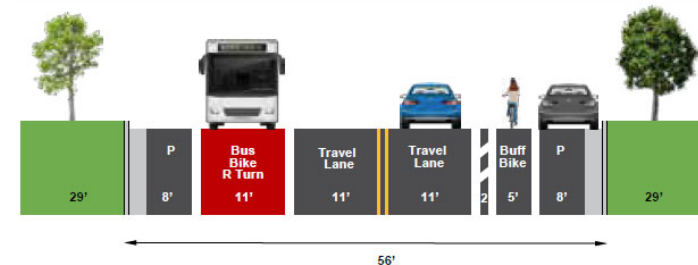


West Washington Ave – Broom Street at the Intersection



West Washington Ave – Broom Street Lane Configuration

Example W Washington Ave Lane Configurations



Green & Resilient Recommendations

Park Space

2. Preserve and enhance historic tree terrace width to provide for a healthy tree canopy.

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Pedestrian

- ▶ Sidewalk proposed to stay as is (replace broken squares)
- ▶ Proposed Adding Pedestrian Lighting
- ▶ Keep Terrace width per Neighborhood request, Alder request, Mifflandia Plan

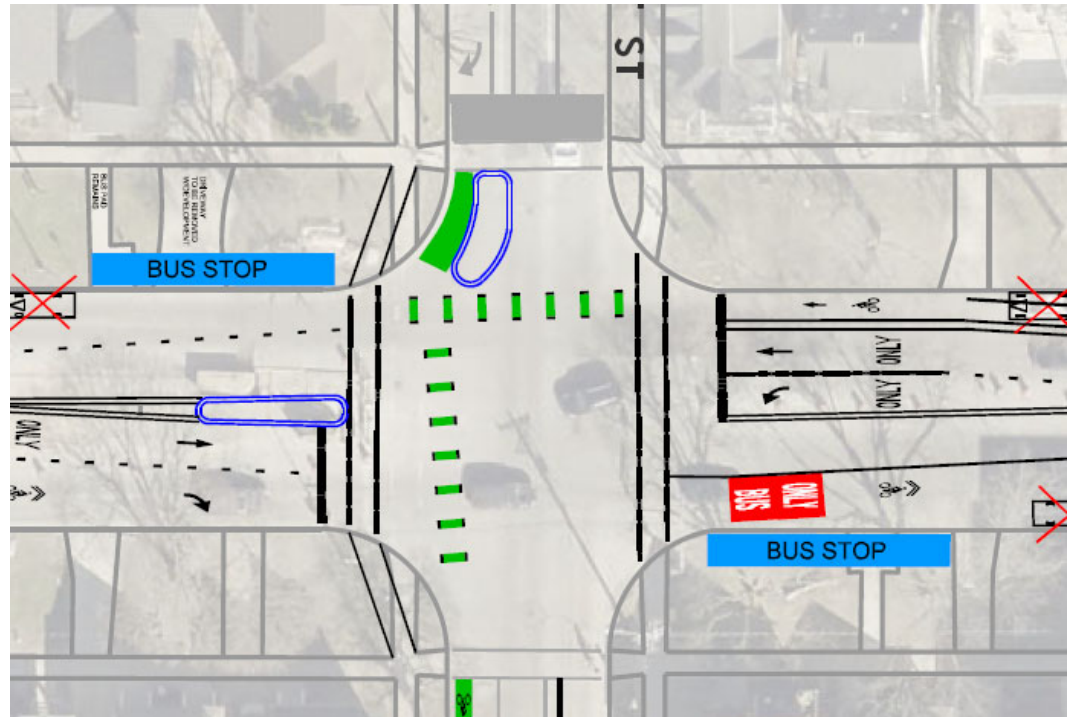


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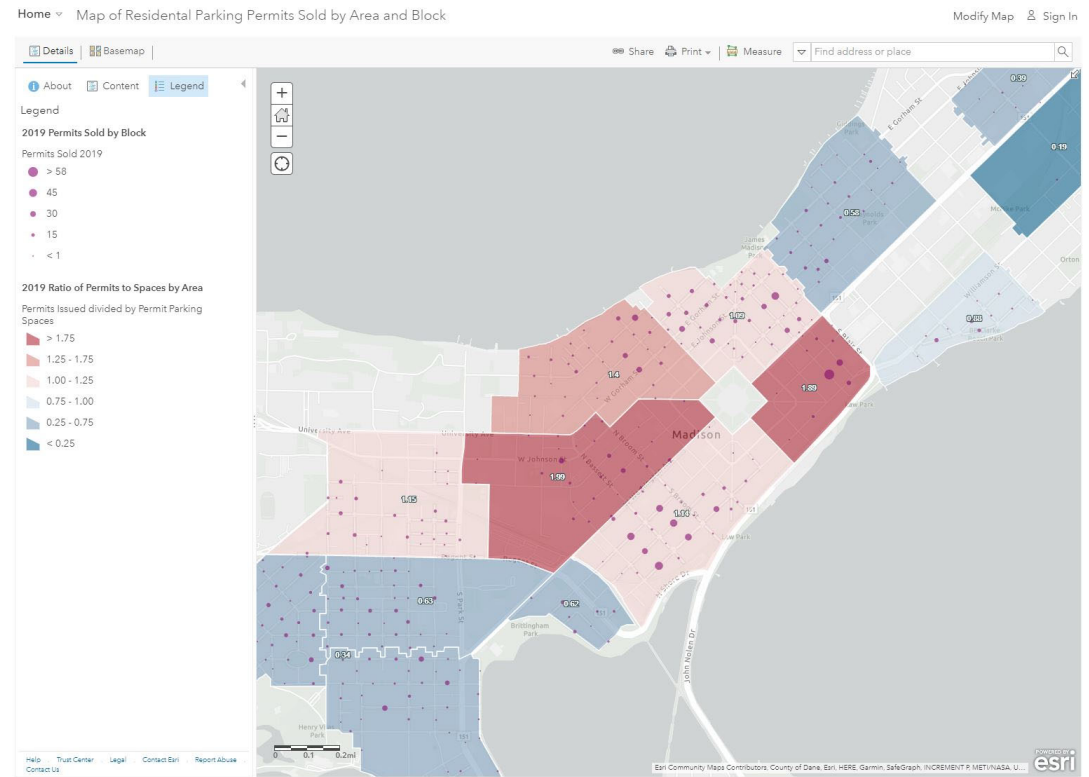
Pedestrian

- ▶ Add Islands across left turn lanes for Ped Crossing and Left turn Signal Post



Parking

- ▶ Area has between 1.1 to 2.0 RP3 Permits Requested to Available Spaces



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Parking

- ▶ One Day Parking Study shows 64 to 92% occupancy

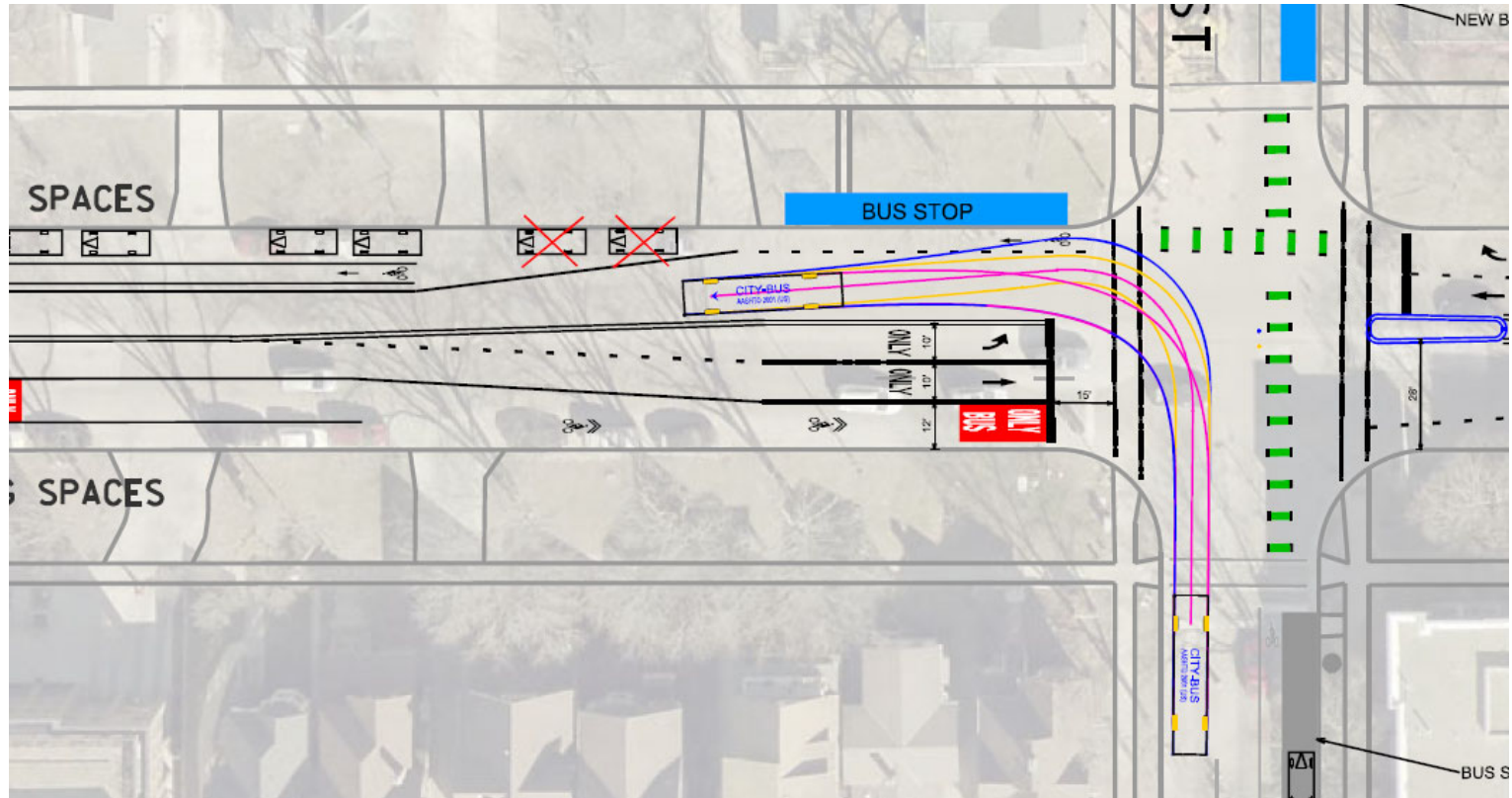
Parking Occupancy Study, 400 & 500 Blocks of West Washington						
Study date/times: Tuesday, February 23rd at 10 AM and 7 PM						
Block	Total Spaces	Space Type	Spaces Occupied 10 AM	% Occupancy 10 AM	Spaces Occupied 7 PM	% Occupancy 7 PM
400 W Washington (North)	13	RP3	11	85%	12	92%
400 W Washington (South)	16	RP3	12	75%	13	81%
500 W Washington (South)	14	RP3	9	64%	10	71%
500 W Washington (North)	14	RP3 (9) + Metered (5)	6 RP3, 0 Metered	67% RP3, 0% Metered	4 RP3, 1 Metered	44% RP3, 20% Metered

Bicycle Accommodations

- ▶ Can Generally Fit Bike Accommodations Mid Block but have to share at intersections
- ▶ Alternatives considered:
 - Combined lane with Bus
 - Buffered Lanes – need to share at intersections
 - Protected Lanes – need to share at intersections

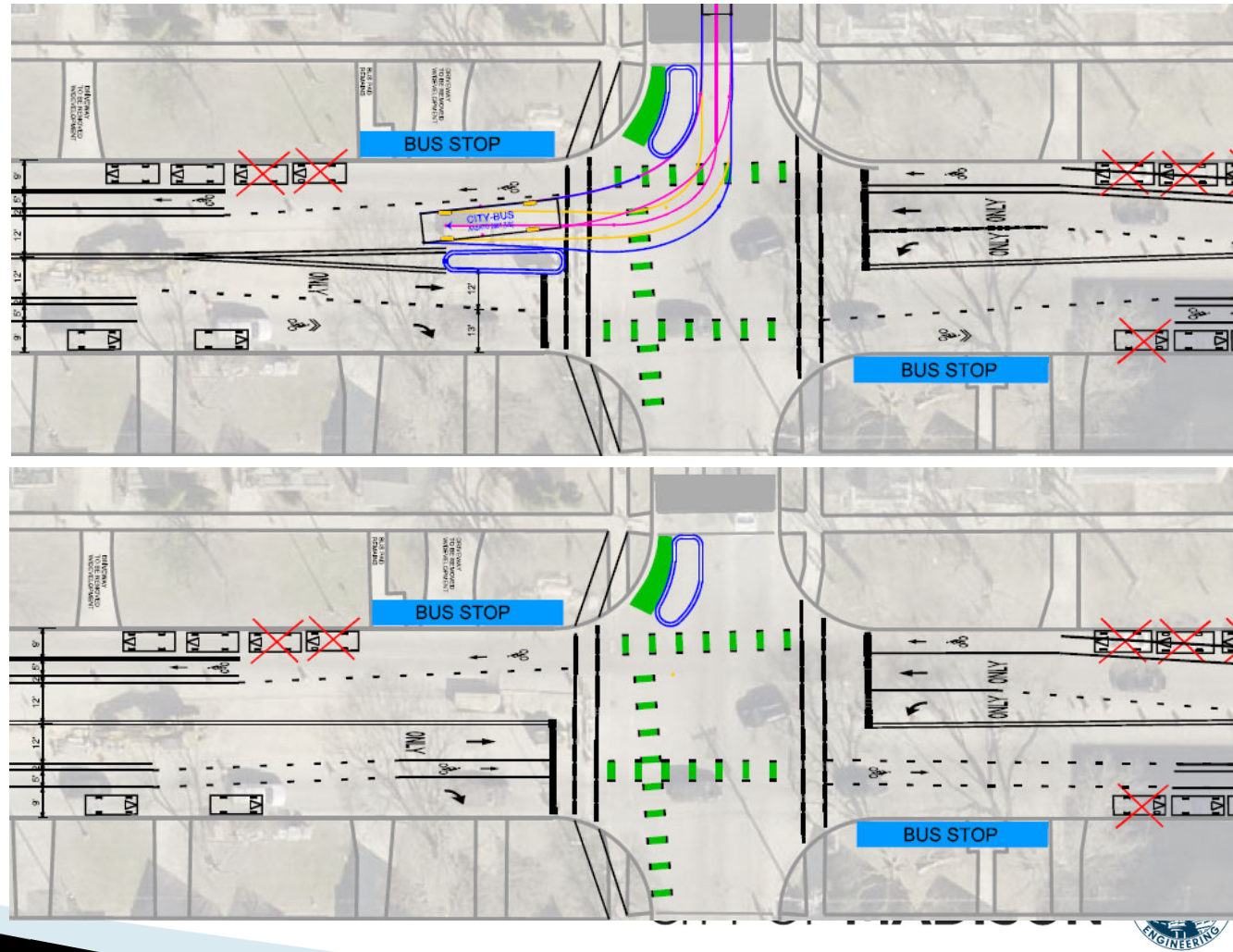
Bicycle Accommodations

- ▶ Why are intersections different?
 - Addition of turn lanes/median drop in parking cancel out, but
 - Turning Vehicles need extra room to make turn



Bicycle Accommodations

- ▶ Can we remove ped island to get bike lanes through intersections?
 - Increases crossing conflicts with right turns and Buses
 - Monotube Signals not popular in neighborhood – distracts view of Capitol



Bus Accommodations

- ▶ Switch to Mike's PPT

Alternatives

Alternative	Parking	Bike Accomodation	Bus Lane
1	Both Sides	Combined with Bus Lane entire corridor	Included
2A	One Side	Painted/Buffered Bike lanes	Included
2B	One Side	Protected Bike Lanes	Included
3	No Parking	Protected Bike Lanes	Included
4	Both Sides	Buffered Bike Lanes	Not Included

All alternatives include 2 vehicle lanes, left turn lanes, terrace & sidewalk remain as is

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Alternatives

Alternative	Parking	Bike Accomodation	Bus Lane	Issue	Approval status
1	Both Sides	Combined with Bus Lane entire corridor	Included	Bikes and Buses share space entire corridor Parking 58 -> 46 spaces	Shown at TC, issues raised
2A	One Side	Painted/Buffered Bike lanes	Included	Bikes and Buses share space at intersections Parking 58 -> 19 spaces	Requires new PIM & Public Hearing to remove parking
2B	One Side	Protected Bike Lanes	Included	Bikes and Buses share space at intersections, Parking 58 -> 17 spaces, Special Equipment needed in Winter	Requires new PIM & Public Hearing to remove parking
3	No Parking	Protected Bike Lanes	Included	Bikes and Buses share space at intersections, Parking 58 -> 0 Spaces, Special Equipment needed in Winter	Requires new PIM & Public Hearing to remove parking
4	Both Sides	Buffered Bike Lanes	Not Included	City DOT doesn't recommend Bus Re-Route dependent upon bus lane, Parking 58 -> 48 spaces Special equipment required in Winter	Requires new PIM & Metro Public Hearing

All alternatives include 2 vehicle lanes, left turn lanes, terrace & sidewalk remain as is

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