# Hammersley Road Resurfacing – Phase 2: 2024





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### **Project Location**





### Hammersley Rd Multi-Phased Project

#### Phase 1: Brookwood Rd to Gilbert Rd

- Project Approved through Public/City Process
- Project Currently Out-for-Bid
- Construction: Spring–Summer 2023
  - Impacted Residents will Receive a Construction Notification Letter Prior Construction Beginning on Phase 1.

Phase 2: Gilbert Rd to W Beltline Frontage Rd
 Currently in Planning Stages = Public/City Approval Process this Fall 2022
 Project will be Bid in Late 2023
 Construction: Spring-Summer 2024



# Hammersley Rd Phase 2 - Scope of Work

#### » Replace City Utilities

- Sanitary Sewer Main & Laterals
- Storm Sewer
- ≻Water Main (minimal)
- >MG&E Gas Replacement
  - Separate from City Project
- » Replace Street Infrastructure as needed
  - >Asphalt Pavement (replace all)
  - Curb & Gutter
  - Driveway Aprons
  - Sidewalk & Pedestrian Ramps

#### Phase 2 Follows Same General Approved Redesign as Phase 1



# **Existing Condition of Hammersley Rd**

ltem	Existing Condition
Pavement Surface Rating (Out of 10)	Brookwood Rd to W Beltline Frontage Rd = 4
Curb (Out of 10)	Brookwood Rd to W Beltline Frontage Rd = 7
Sidewalk	No Continuous Sidewalk on Either-Side
Width (Curb-to-Curb)	Brookwood Rd to Whitney Way = 36'   Whitney Way to W Beltline Frontage Rd = 40'
Traffic Volumes/Speeds	Brookwood Rd to Whitney Way - Avg Speed = 25 mph   Avg Volume = ~3200 Cars/Day Whitney Way to Gilbert Rd - Avg Speed = 19 mph   Avg Volume = ~1400 Cars/Day Gilbert Rd to Reetz Rd - Avg Speed = 24 mph   Avg Volume = ~3000 Cars/Day
On-Street Parking	Brookwood Rd to Whitney Way = Parking Allowed on Both Sides Whitney Way to W Beltline Frontage Rd = Parking Allowed on Northside-only
On-Street Bike Lanes	Brookwood Rd to Whitney Way = No On-Street Bike Lanes Whitney Way to W Beltline Frontage Rd = On-Street Bike Lanes Both Sides





Hammersley Rd Speed Limit (West of Whitney Way) = 25 mph

(East of Whitney Way) = 30 mph

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\*Parking Data Collected over One Week January 2022







\*Parking Data Collected over One Week January 2022





### EXISTING – BROOKWOOD RD TO WHITNEY WAY



### EXISTING – WHITNEY WAY TO BELTLINE



# **Existing Conditions**

Whitney to Beltline (Phase 2)





## 2018 Madison Comprehensive Plan

- Long–Term Growth Framework
- Hammersley Road
   Identified as Tier 1
   Sidewalk Need
- People Walk in Bike
   & Parking Lanes
   > Pedestrians Exposed to Traffic

#### Tier 1 Sidewalks

Existing Sidewalk on One Side of Street No Existing Sidewalk Note: Tier 1 sidewalks are a priority for filling in existing gaps in the City's pedestrian network because they are close to schools, transit routes, or along other features that attract pedestrians. City of Madison policy is that all streets should have sidewalks on both sides of the street. Sidewalks not included in Tier 1 should still be installed whenever the opportunity presents itself. Data Source: US Census Bureau; City of Madison Planning Division Data Printed: 9/17/2018 Lake Mendota Monona HAMMERSLEY RD

### **Project Goals**

- Safety for all users
  - Develop a design that focuses on improving safety
  - Maintaining slower speeds
- Review roadway characteristics for use by bicyclists
  - Provide a network for cyclists of all ages & abilities
  - Increase number of people biking
- Improve pedestrian network
  - Improve overall feeling of comfort while walking
  - Increase accessibility for all abilities
  - Increase number of people walking
- Provide reliable, durable infrastructure



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### Hammersley Rd - Project Goals

> Keep All Proposed Street Changes within Existing Width

- Avoid Substantial Tree Loss
- >Avoid Major Grading Impacts
- Provide Safe Facilities for Bikes & Pedestrians
   People of all Ages & Abilities
- Metro Redesign Metro Routes coming mostly off of Hammersley in this stretch

Need for Better Bike & Pedestrian Facilities to Access Bus Routes on Whitney Way and Reetz Rd



## EXISTING – BROOKWOOD RD TO WHITNEY WAY Phase 1



## PROPOSED – BROOKWOOD RD TO WHITNEY WAY NORTHSIDE MULTI-USE PATH Phase 1



### EXISTING – WHITNEY WAY TO BELTLINE Phases 1 & 2



### PROPOSED – WHITNEY WAY TO BELTLINE NORTHSIDE MULTI-USE PATH Phases 1 & 2



# **Proposed Design**

- Remove <u>ALL</u> On-Street Parking & Bike Lanes
- » Reconstruct Northside Curb
  - >24' Wide Street
  - ≻Two-Way, 10' Travel Lanes
- Install 8–10' Off-Street, Multi-Use Path (Bikes+Peds)
  - ≻Grass Terrace Width Vary (3-5')
  - Path Centerline Markings
  - "Share the Path" Signage
- > Lighting Improvements
  - Use Existing Poles
  - Path Specific Lighting



#### \*Phase 2 - Typical Overview



## **Proposed Design**

- Cost to Construct Path would be Covered 100% by the City
  - > Typical New Sidewalk is Charged 100% to Fronting Property Owner
  - > Assessments would be Similar to Typical Resurfacing Project.
    - Sanitary Lateral
    - Street Items for Lateral OR Poor Condition
- > Path would be Maintained in Winter by the City (Snow Removal)
  - > Typically, Fronting Property Owner shovels sidewalk
  - Fronting Property Owner would STILL be responsible Snow Removal in New Driveway Apron AND Maintaining the New Grass Terrace between the Path and Curb

Phase 2 (2024 Project) would Connect the Hammersley Path to Southwest Path at the Beltline Overpass



### **Previous Hammersley Survey Results**

- > 181 Survey Responses from Phase 1 Public Process
  - All Residents on Hammersley from Brookwood to Beltline were mailed hard copy of the survey.
- Proposed Changes = Street Narrowing & Path Installation
   All Responses: 61% Support Change
   Hammersley Residents-Only: 52% Support Change
- Phase 1 Design has been approved by Transportation Commission and Board of Public Works



### **Project Location**





## Phase 2 (2024): Gilbert Rd Intersection



Raised Path Crossing ➤Speed Hump for Cars > Prioritize Path Users



## Phase 2 (2024): Beltline & SW Path Connection

Metro Bus Routes Will Continue on Hammersley Rd from Reetz Rd to W Beltline Frontage Rd

>Accommodate in Design

Connect Hammersley Path to Southwest Path

- Downtown Connection = Greater City Path Network
- Bike Roundabout Connection = Greater Regional Path Network

Connect Hammersley Path to On-Street Bike Lanes on W Beltline Frontage Rd

Verona Rd Bike-Ped Underpass



### Phase 2 (2024): Beltline & SW Path Connection



# City Utility Work – Sanitary Sewer: Hammersley Ph2 (2024)

- > Existing Sanitary sewer
  - > Hammersley Rd (Gilbert Rd to W Beltline Frontage Rd)
    - Installed 1950s | 8" Diameter, Vitrified Clay Pipe
- > Proposed Sanitary Sewer
  - Replace Sanitary Main with minimum 8" PVC Pipe
  - Replace Sanitary Laterals from Sewer Main to Property Line with 6" PVC Pipe



# City Utility Work – Sanitary Sewer: Hammersley Ph2 (2024)



# Sanitary Sewer Laterals



# City Utility Work – Storm Sewer: Hammersley Ph2 (2024)

- Existing Storm Sewer
  - > Hammersley Rd (450' on Hammersley, East of Gilbert Rd)
    - Installed 1950s | 15" Clay Pipe
    - Storm Sewer at Hammersley-Gilbert Intersection
  - > Hammersley Rd & Lewon Dr Intersection
    - Installed 1960s | 12" RCP
  - > Hammersley Rd @ Southwest Path Crossing
    - Installed 1960s & 2010s | 12"-30" RCP
- Proposed Storm Sewer
  - Replace & Upgrade all Existing Storm Sewer with RCP
  - Optional Private Storm Sewer Connections
    - Assessment Costs
    - If Interested, Please Contact Daniel Olivares (<u>DAOlivares@cityofmadison.com</u>)



# City Utility Work – Water Main: Hammersley Ph2 (2024)

- Existing Water Main
  - > Hammersley Rd (Gilbert Rd to W Beltline Frontage Rd)
    - Installed 1950s | 6-Inch Diameter Cast Iron
- Proposed Water Main
  - > Replace All Water Main through Gilbert Rd Intersection ONLY
  - > Potential Fire Hydrants Replacement as needed
- Limited Impacts from Water Installation
  - > 2-3 Planned Water Service Outages (~6 hrs) for Residents at Gilbert & Hammersley
    - All planned service disruptions will have 2 days advance notice, typically Contractor puts up door hangers
  - Potential Unplanned Water Service Outages, Contractor will notify Residents and Repair Damages ASAP
  - Construction may cause Temporary Discolored Water Events. Please see link for more info <u>https://www.cityofmadison.com/water/water-quality/discolored-water</u>

### Forestry Information (Phases 1 & 2)

> All Condition Tree Removals (Brookwood to Beltline) to occur in 2023

#### Due to Condition:

- > 15" Red Oak (5920 Hammersley)
- > 20" Box Elder (5909 Hammersley)
- > 5" Boxelder, Multi-Stem Mulberry (5904 Hammersley)
- > 18" White Oak (5718 Hammersley)
- > 36" White Oak (5714 Hammersley)
- Multiple Elms (5710 Hammersley)
- 4" Green Ash (5705 Hammersley)
- > 24" Black Cherry (5701 Hammersley)
- > 18" Walnut (1301 S Whitney Way)
- > 15" White Oak, 5" Elm, 7" Hackberry (5609 Hammersley)
- 11" Walnut (5518 Hammersley)
- ▶ 8 1"-4" Diameter Trees (1222 Gilbert)
- > 9" Bur Oak (1302 Gilbert)
- > 35" Silver Maple (5313 Hammersley)
- > 40" Bur Oak (5314 Hammersley)
- > 16" Green Ash (522 Hammersley)
- > 12" Norway Maple (5225 Hammersley)
- > 20" Norway Maple (5217 Hammersley)

#### > Due to Construction:

- 4" Swamp White Oak (5901 Hammersley)
- > 3" Sugar Maple (5709 Hammersley)
- > 5 2-5" Diameter Trees (4902 Hammersley)
- Impacted Residents will be Notified of any Additional Tree Removals – if they come up.



# **Forestry Information**

- > Tree Pruning prior to Construction
- Shrubs & Other Items in Right-of-Way Potentially Removed
  Property Line = Varies 10-15' behind existing back-of-curb
- Preserve Trees that will Remain
   Hand-formed Curb
   Pipe Bend & Limits of Work for Sewer Laterals
- Forestry will Review for New Plantings after Construction



### **Assessment Policy & Costs**

ltem	Property Owner Share	City Share
Replace curb & gutter*	50%	50%
Asphalt Pavement*	0%	100%
Replace sidewalk	50%	50%
Replace driveway apron*	50%	50%
New Sidewalk - Safe Routes Grant will cover 50%	100%	0%
ADA compliant sidewalk ramps	0%	100%
Storm sewer	0%	100%
Private Storm Connects, if any	100%	0%
Sanitary Sewer Main	0%	100%
Sanitary Sewer Laterals	25%	75%
Water Main & Services	0%	100%
Street Trees Removals & Plantings	0%	100%

\*Necessary work for multi-use path installation will NOT be assessed



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### **Assessment Policy & Costs**

- Preliminary, estimated assessments mailed prior to project
- Final assessments calculated following construction using measured quantities and actual bid prices
  - Hammersley Phase 1 (Brookwood to Gilbert)
    - Construction: 2023
    - Final Assessments Mailed: 2024
  - Hammersley Phase 2 (Gilbert to Beltline)
    - Construction: 2024
    - Final Assessments Mailed: 2025
- Assessments are payable in lump sum or in up to 8 installments at current interest rate (2%)



### Construction, Access, and Impacts – Phase 2 (2024)

- > Hammersley Road (Gilbert Rd to W Beltline Frontage Rd) will be closed to thru-traffic during construction
  - > Local Roadway & Driveway\* Access will be Maintained
- Standard work hours 7am-7pm Mon-Sat; 10am-7pm Sun
- Any existing landscaping within Right-of-Way will likely be disturbed
   Anything you wish to save should be removed prior to construction
- > Project will require temporary water shut-offs
- Contractor may need to pump ground water
  - > Keep utility trenches dry and safe to complete utility work
  - Pumps will likely need to run over night

Best guess construction timeframe (Phase 2): April 2024 thru Sept 2024
 MG&E's work could extend construction timeframe



### Anticipated Project Schedule – Phase 2 (2024)

> 09/14/2022: Transportation Commission (held virtually)

- > 09/30/2022: Mail Estimated Assessments, BPW Public Hearing Notice
- > 10/12/2022: BPW Public Hearing (held virtually)
- > 10/25/2022: Common Council Hearing (held virtually)
- > Advertise for Bids: 2023
- Construction: Spring-Summer 2024



## **Contact Information & Resources**

#### > City Staff Contacts:

- Aaron Canton, PM/Streets Designer, 608-242-4763, acanton@cityofmadison.com
- Daniel Olivares, Storm & Sanitary Designer, 608-266-4094, <u>LStriegl@cityofmadison.com</u>
- Kelly Miess, Water Designer, 608-261-9640, <u>KMiess@madisonwater.org</u>
- Gretchen Aviles Pineiro, Electrical Designer, 608-266-4899, <u>GAvilesPineiro@cityofmadison.com</u>
- Jeremy Nash, Traffic Engineering, 608-266-6585, jnash@cityofmadison.com
- Jeff Heinecke, City Forestry, 608-266-4890, <u>jheinecke@cityofmadison.com</u>
- Project Website: <u>https://www.cityofmadison.com/engineering/projects/hammersley-road-resurfacing</u>
  - Both Phase 1 & Phase 2 Info on this Project Page
- > Sign-up for project email updates on the website
  - Updates on closures & work progress will be posted to the project website
- Facebook City of Madison Engineering

