

**PUBLIC WORKS PROJECT UPDATES
BICYCLE/PEDESTRIAN TASK FORCE MEETING
OCTOBER 2016**

This update is compiled by the City Bicycle/Pedestrian Transportation Coordinator, based on input from numerous City staff. If you have questions or would like updates on other projects/programs, contact bicycling@milwaukee.gov or (414) 286-8750. Changes from the previous report are noted in *italic text*.

Accessible Pedestrian Signal (APS) Installation – 4 locations were installed in 2016 at the intersections of Capitol/N. 76th, Appleton/N. 76th, Appleton/Congress, and Fond du Lac/Silver Spring intersections in 2016. The proposed 2017 city budget includes funding for approximately four more intersections. Locations are identified based on requests from persons with disabilities.

Bicycle Facilities Project – Phase 2 (CMAQ Grant-Funded) – Staff completed all the required paperwork over the spring and early summer. The city received authorization from the state to proceed to bid the project in late summer. Currently the contractor (century fence) is marking the 32 locations included in the project (see Agenda item for detailed list of locations being installed with this project). The city must complete and bill out this project completely by July 2017.

Bicycle Facilities Installations/Modifications – Various Locations

- The City with support from WisDOT and Canadian Pacific Railroad will begin making safety improvement on S. Water St. between Washington and National the last week of October.
- The following locations in the city's annual high-impact paving program included in bicycle lanes - replacing existing, upgrading existing or adding new bicycle lanes:
 - N. 6th/7th/Halyard (Walnut to North) – removed one travel lane in each direction for new standard and buffered bicycle lanes.
 - S. 16th Street (Windlake to Oklahoma) – removed one travel lane in each direction and added new buffered bike lanes and intersection turn lane improvements. No change to on-street parking.
 - N. 51st Blvd (Lincoln Creek Bridge to Hampton) – removed one travel lane in each direction and added new bicycle lanes. No change to on-street parking.
 - N. Atkinson St. (Keefe to Capitol) – removed one travel lane in each direction and added new bicycle lanes plus a continuous center turn lane. No change to on-street parking.
 - W. Center Street (N. 20th to 27th) – replaced existing bicycle lanes with minor modifications
 - W. Grange Avenue (S. Howell to S. 6th) - removed one travel lane in each direction, replacing them with buffered bike lanes.
 - N. Jefferson Street (St. Paul to Erie) – added new bicycle lanes, no changes to parking or travel lanes
 - W. Lincoln Avenue (S. 16th to Layton/27th) – replaced existing bicycle lanes with minor modifications
 - W. Morgan Avenue (Forest Home to S. 68th) – replaced existing bicycle lanes with minor modifications
 - N. Oakland Avenue (Edgewood to Park Place) – replaced existing bicycle lanes with the addition of green bike lane markings on southbound Oakland at Locust Street (right turn lane)
 - W. Oklahoma Avenue (S. Chase to S. 6th) – added new bicycle lanes, on-street parking removed
 - W. Roosevelt Drive (Fond Du Lac to N. 36th) – removed one travel lane in each direction, replaced with buffered bicycle lanes and wider parallel parking lanes
- S. 13th Street – new bicycle lanes added from W. Forest Home Avenue to W. Greenfield Avenue with a Major Capital construction project (0.50 miles).

- *W. Lloyd Avenue – new bicycle lanes added from W. Lisbon Avenue to N. 60th Street with a Major Capital construction project (1 mile). Green pavement markings added with the project at the ramps with SR 175.*
- *W. Mill Road – new bicycle lanes added from N. 43rd Street to N. Sidney Place with a Major Capital construction project (1 mile).*
- *Short bicycle lane gaps in downtown are being filled in by City crews in late October – E. Erie St. from Young to Water; N. Jefferson St. from Clybourn to Mason; and E. Chicago St. from Milwaukee to Water St.*
- *Intersection bicycle box installed on S. 44th Street at Forest Home and Oklahoma Avenues to facilitate bicycle movement through this intersection (skewed with heavy right turns from Forest Home to westbound Oklahoma).*

Bicycle Mapping/Maps –

- Milwaukee by Bike Map – a DPW transportation intern is currently cleaning up and adding to the bicycle facilities GIS data set. This is the basis of any future bicycle mapping work. She is working under the direction of GIS staff with input from transportation division staff.
- Interactive Bicycle Mapping Applications Project (2016 Federal TAP grant) – no significant activity on this project due to staff medical leave.

Bicycle Parking –

- Bicycle Parking Program Grant (Federal Transportation Alternatives Program) – no significant activity on this project due to staff medical leave.
- Bicycle Parking Code Update – Department of City Development (DCD) staff is leading the development of an updated and expanded bicycle parking code with DPW staff input. Staff has completed research and draft code language. No significant activity on this project due to staff time limitations.
- Bicycle Rack Replacements – (ONGOING) staff is replacing small quantities of existing bicycle racks to address ones that have badly rusted or been severely damaged. These racks were purchased with 2014 Transportation division operating funds, which were very limited. Staff is seeking ongoing budget funds to continue replacing racks at the end of their useful life.



Bike Sharing System (BublR Bikes)

- *Final environmental, historic, archaeological paperwork was completed and approved in late Summer 2016 for the remaining proposed stations under the first CMAQ grant.*
- *100 bicycles were ordered in November 2015 for the late Spring/early Summer 2016 stations installations; these bicycles were received in April 2016 and put out in to the system in May 2016. There is a 6-month lead time on bicycles with custom colors like “BublR Blue”. An additional 50 bicycles were ordered in March 2016 for late Fall 2016 delivery.*
- *Staff prepared and submitted a federal Transportation Alternatives Program (TAP) grant program grant for 10-12+ more stations plus bicycles, which was unfortunately not awarded any federal TAP funding,*
- *A public meeting to review and gather input on 32 additional proposed bike share station locations was held on February 23 to get input on additional bike share stations proposed for installation in 2016.*
- *Marquette University privately funded a new station, which was installed in April 2016 at W. Wells Street between N. 15th and N. 16th Streets.*



- *Dermond Property Investments privately funded another new station at the intersection of E. Ward St. and S. Kinnickinnic Ave. (Bay View neighborhood), which was installed in April 2016.*
- *9 stations were installed in May 2016 and 10 stations (one TID funded, 9 CMAQ funded) were installed this week (October 17 – 21), bringing the total number of stations in the City to 50.*
- *Seven (7) stations were installed in September 2016 in the City of Wauwatosa.*
- *System performance data between January 1 – September 30, 2016:*
 - *59,661 trips*
 - *Top 10 stations = Discovery World, Brady/Prospect, UWM Student Union, Public Market, Kenilworth Square, Marquette Student Union, Sandburg Hall (UWM), Water/Wisconsin, Prospect/North, and US Bank Center*
- *CMAQ grant request for another \$1.9 million for bike share system expansion was awarded to the City of Milwaukee. Funding for the design phase is available after July 2017; procurement funding to add stations available after July 2018. The State/Municipal Agreement (SMA) is currently being processed through the Common Council approval process. The City intends to hire a qualified consultant to provide assistance siting these new stations and completing the substantial amounts of grant-related paperwork.*

Bridge Plates for Bicycles

- N. Emmber Lane Bridge – *Design work order completed by City staff and approved by WisDOT. Design will be nearing completion; construction funded for summer 2017. (Federal TAP grant-funded project)*
- N. Plankinton Ave. Bridge – *Design work order completed by City staff and approved by WisDOT. Design will be nearing completion; construction funded for summer 2017. (Federal TAP grant-funded project)*
- Wells St. Bridge – *design complete; construction with 2017 bridge rehabilitation project.*
- Cherry St. Bridge – *design completed, but no construction funding is available at this time.*
- Water St. Bridge – *design completed, but no construction funding is available at this time.*



Complete Streets Policy Development

The consultant began working in December 2015 on the project. They have since been interviewing Public Works and City Development staffs about procedures and practices for project planning, design, implementation, maintenance and collaboration and garnering input from various stakeholders/groups for the policy development portion of the project. Final deliverables expected in late 2016.

Coordinated Trail/Bicycle Facilities Signage Plan – City staff completed a work order to begin charging its' time to the grant. The next steps are to complete a Memorandum of Understanding for a cost sharing agreement with Milwaukee County Parks for the shared local match and also a Request for Proposals package to be issued to obtain a qualified consultant.

Countdown Pedestrian Signal Retrofits – City signals staff are still working on retrofitting the remaining pedestrian signals in the City. Estimated time for completion is Spring 2017 but it may be completed sooner. (The six grants are paying the cost to retrofit 586 of the City's 767 traffic signals/beacons. Other signal locations have either already been upgraded or are slated



for upgrade through other projects.)

Path to Platinum Committee – Community members who have come together as an initial Path to Platinum Committee held an initial community meeting on February 17 (4:00 – 6:30 p.m.) at the 16th Street Community Health Center (1032 S. Cesar E. Chavez Drive, Conference Room B).

Pedestrian Plan – The City and State executed a revised State/Municipal Agreement to access the grant funds again. *A DPW transportation intern is currently inputting and analyzing City pedestrian crash report data for use in the project. Staff still needs to complete a Request for Proposals to seek a qualified consultant.*

Pedestrian Improvements – Various Locations

- **River Walk Crossings** – staff prepared and submitted a federal Transportation Alternatives Program (TAP) grant to improve 13 uncontrolled crossings, *which was unfortunately not awarded any grant funded.*
- **Oklahoma Avenue/S. 10th** – Oct. 2016 request to address school and general pedestrian crossing issues (uncontrolled intersection); *curb extensions and enhanced signage is being installed Fall 2016.*
- **W. State St./N. 33rd** – Staff developed concept design and cost estimates for curb extensions on W. State Street at N. 33rd to address crossing issues to Wgema/Greenfire campus; awaiting input from Alderman and possible funding from the campus to support the project. *No design/construction advanced yet due to lack of available budget in 2016.*
- **S. 6th Street at Rosedale/KK River Trail Access** – staff is reviewing several new safety complaints about crossing S. 6th Street to access the trail at Rosedale (NO CHANGE FROM APRIL 2015 REPORT)
- **W. North Avenue/Palmer St. school crossing** – traffic analysis and concept design completed; information shared with Alderwoman for her input/approval; staff is preparing sketch-level design recommendations for City Engineer. (NO CHANGE FROM DECEMBER 2015 REPORT)
- **N. 40th Street at Washington Park** – August 2015 request to improve crossing safety across N. 40th Street at Roberts, Cherry and Galena; staff conduct gap studies and is currently developing sketch-level design recommendations for City Engineer. (NO CHANGE FROM DEC. 2015 REPORT)
- **S. Kinnickinnic Avenue at E. Rusk** – August 2015 request to improve crossing safety; staff conducted gap studies and developed sketch-level recommendations for City Engineer. (NO CHANGE FROM DEC. 2015 REPORT)
- **S. 13th Street at W. Barnard** – new request (August 2015) to improve crossing safety for Islamic Society facilities; staff conducted gap studies, field observations and is developing sketch-level design recommendations for City Engineer. *No design/construction advanced yet due to lack of available budget in 2016.*
- **W. Pleasant at N. 2nd St.** – new request (Dec. 2015) to improve crossing safety near Schlitz Park, also a school crossing; staff sent preliminary short term and long term recommendations to City Engineer and the area Tax Incremental District (TID) is funding the construction of new curb extensions (Fall 2016).

Smart Trips Project – requesting a verbal report by Wisconsin Bike Fed station at the Task Force meeting.

Trail Maintenance – Staff continues to work on establishing a more seamless, year-round trail maintenance effort with assistance from the DPW Operations Director and his staffs in Forestry and Sanitation as well as DPW Infrastructure Services Bridge Maintenance staff. Riverworks and the Milwaukee Community Services Corps are currently handling trail related mowing services. Staff is working with both groups now on possibly handling winter snow maintenance activities as well. Tree services and dumping/debris pick-up will be contracted on an as-needed basis.

Trail Traffic Counting – The City, County, UWM, SEWRPC and WisDOT are meeting and working with count equipment vendor, Eco Counter, to create a more seamless data sharing platform.

Milwaukee County Parks installed two new counters on the Oak Leaf Trail – one along the Menomonee Valley Parkway section near Hartung Park and the second north of the trail bridge that crosses Lincoln Memorial Drive east of Brady Street.

The City received 2 new counters in November 2015, which were installed on the Marsupial Bridge and on the KK River Trail between S. 6th Street and S. Chase Avenue in Summer 2016. The City received an additional automated counter in early October, which needs to be installed.

Web Content Updates – Additional web site changes have been made in late summer/early fall to the Milwaukee by Bike web pages – new content added, edits to existing information, and removal of outdated content.

Staff needs to develop new pedestrian-oriented content. Feedback/ suggestions welcomed on needed changes, additions to or deletions. Please forward these to bicycling@milwaukee.gov.