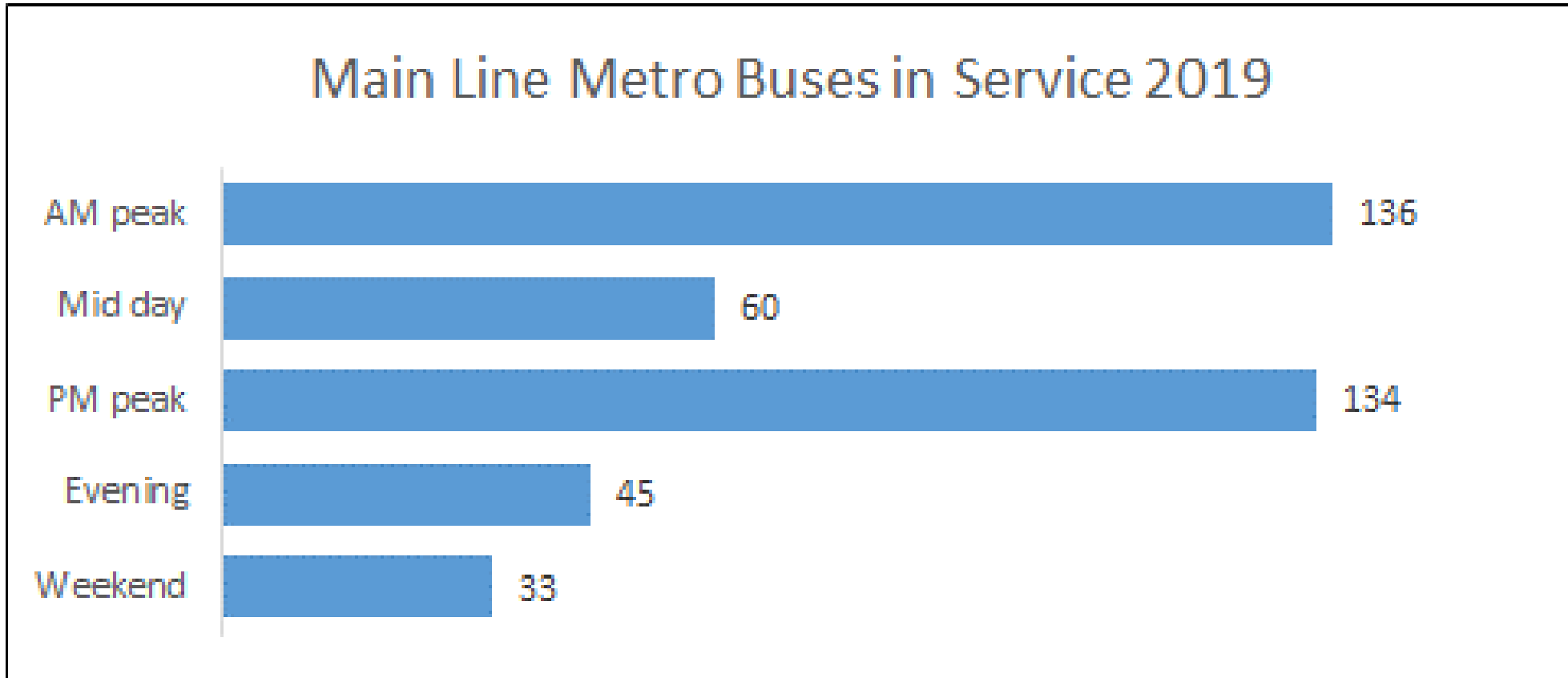


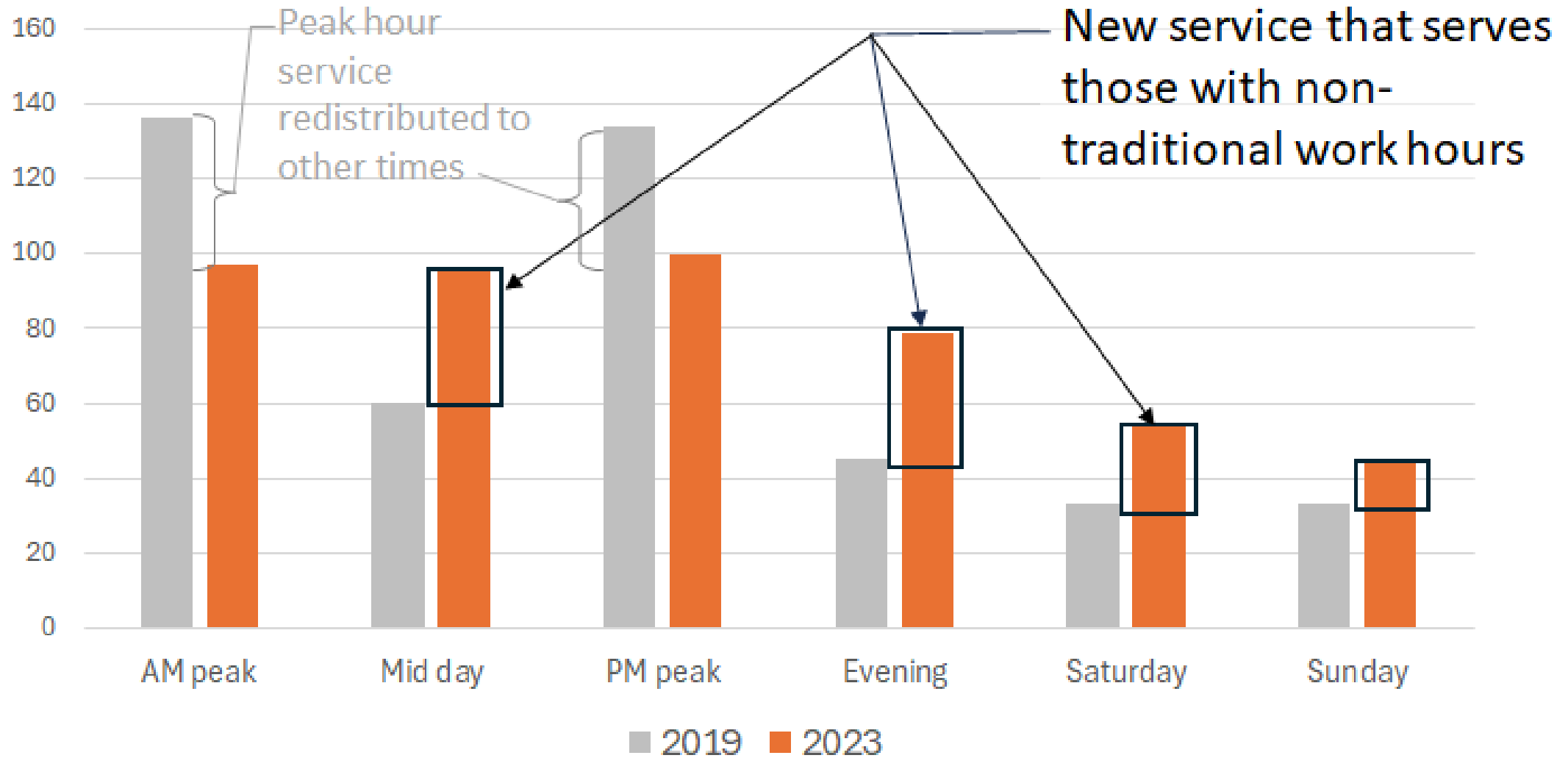
# Transportation Annual Operations Report – Equity Addendum

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# Metro Transit Network Redesign



# Buses in Service



# BUS ROUTE OVERLAY MAP

2023  
VS  
2018 ROUTES

WEEKENDS

### Legend

- Persons of Color  
1 Dot = 10 Households
- Route Overlap
- 2023 Coverage
- 2018 Coverage
- Parks
- Lakes and Rivers
- City Boundary

\*Persons of Color include the following fields in a summation calculate field from 2020 Census Data.

- Black or African American alone
- American Indian and Alaska Native alone
- Asian alone
- Native Hawaiian and Other Pacific Islander alone
- Some other Race alone
- Population of two or more races:

The dots are placed randomly within each census block

0 0.25 0.5 Miles

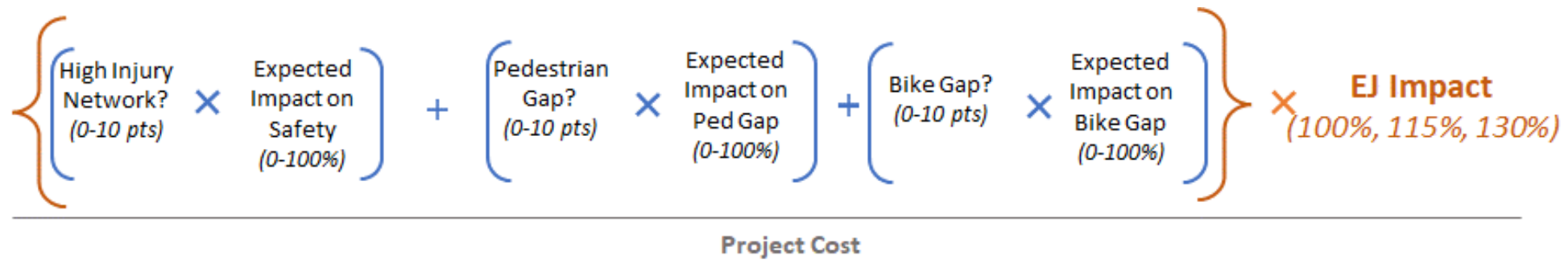


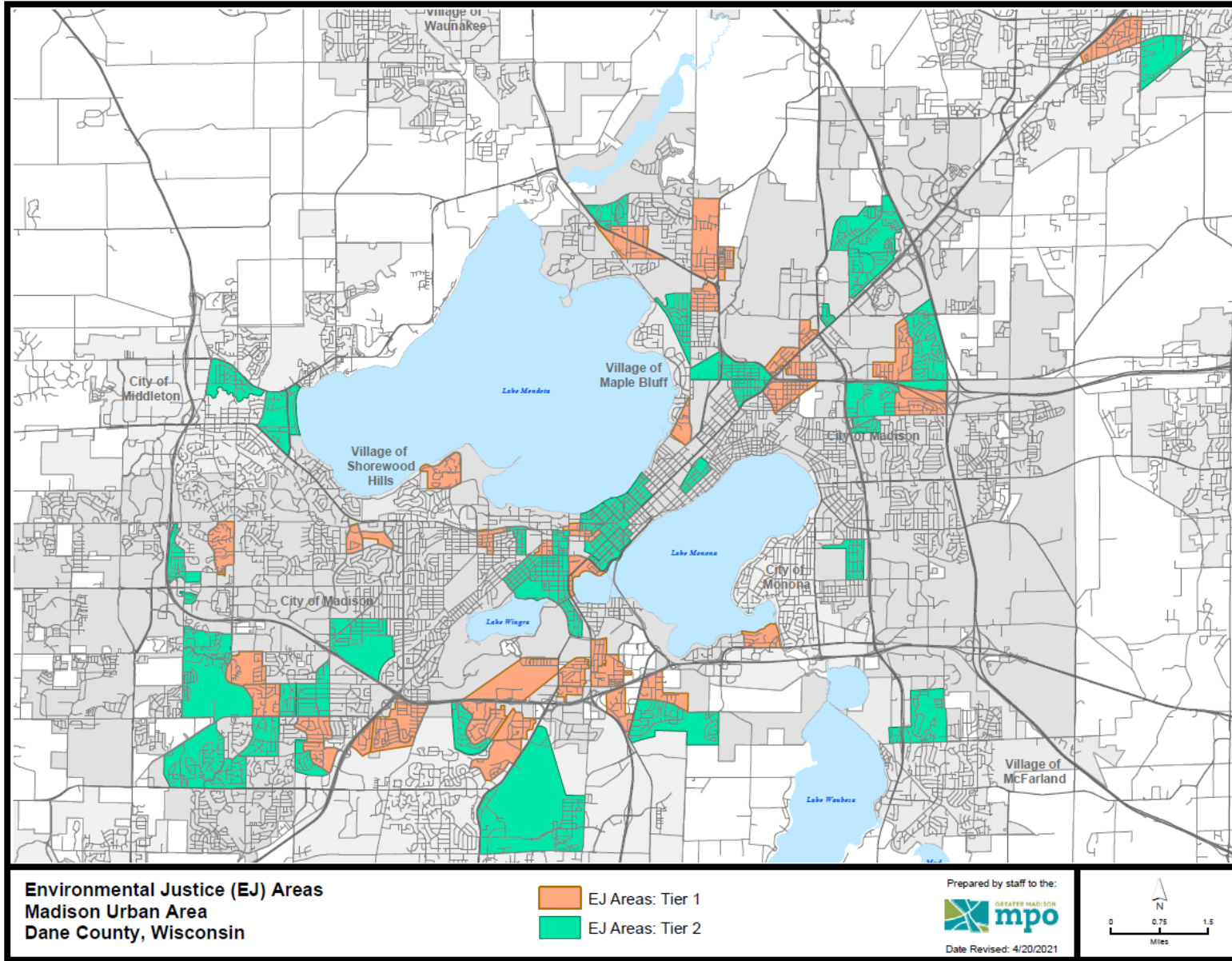
*Areas that previously had weekend service, yet do not now*

*Areas that previously did not have weekend service, but do now.*

# Safe Streets Madison

## Scoring Criteria





Author: pldms

Path: M:\MPO\_GIS\GIS\_Users\Dan\_S\AroMapPrj\EJ\Combined\_EJ\_Areas\_2020.mxd

Date Printed: 4/20/2021

# Safe Streets Madison

39 of 79 Projects in an EJ Area

Location	Issue/Concern	Proposed solution	EJ Area / Social Vulnerability Impact	Total benefit of project	Total estimate cost of project	Overall benefit cost/ratio
Mineral Point Rd at NB Bellvue On-Ramp	Unsafe bike path crossing	Install "Turning Vehicles Yield to Pedestrian" signs	100%	18	\$300	31
Regent St corridor (Monroe to Park)	Poor crosswalk visibility	Convert existing crosswalks to continental crosswalks	130%	910	\$30,000	30
Wisconsin St bridge over I-09	Pedestrian gap / no sidewalk on bridge	Install new pavement markings to provide designated pedestrian space within street	130%	702	\$25,000	28
Wilkinson Street	Overall safety / poor crosswalk visibility	Convert existing, worn, colored crosswalks to continental crosswalks	115%	805	\$45,000	18
Moorland Rd	Bad crossing difficulty/speeding	Convert existing crosswalks to continental crosswalks	130%	494	\$30,000	16
W Johnson St - UW Campus area (Randall to Marion)	Poor crosswalk visibility	Convert existing crosswalks to continental crosswalks	130%	702	\$55,000	13
Aberg Ave at Packers SB Ramps	Pedestrian crossing for bus stops	Continental Crosswalks	100%	110	\$10,000	11
Back St	Sidewalk gap on south side at bus stop, slow cars, connection from The Village on Park to planned bike boulevard on Fisher St	Narrow road to build sidewalk on south side and calm traffic; accessible ramps, new crosswalks	130%	1118	\$120,000	9
Langdon St	Poor pedestrian crossing visibility	Add curb <del>curb</del> on north side at Henry St and Carroll St	115%	265	\$30,000	9
Hanson Rd at Manufacturers Dr	Bus stop near new Metro facility & visibility needed for crosswalk	Add crosswalks crossing Hanson Rd	100%	30	\$4,000	8
Tennison Lane	Lack of marked crosswalks	Continental crosswalks at bus stops	130%	38	\$6,000	7
Citywide School zone speed limit updates	Many school zones marked at 25mph or not marked so people aren't aware they should drive 15mph	Reduce posted school speed limit from 20 to 15 and post signs reinforcing 15mph speed in school zones	115%	21	\$5,000	5
Todd Drive	Poor crosswalk visibility & new NB bus route starting in June 2023	Convert existing crosswalks to continental crosswalks	130%	39	\$10,000	4
<del>W</del> Rd	Substandard crosswalks at new bus stops	Continental Crosswalks	100%	140	\$45,000	3
Citywide Speed Limit Reductions	Existing posted speed limit is too high	Reduce speed limit with new signing	100%	48	\$20,000	2
Cottage Grove Rd - East of Interstate	Substandard crosswalks at new bus stops	Add continental Crosswalks	100%	60	\$25,000	2
Meadowlark Dr at Kennedy Elementary	Speeding/pedestrian crossing safety at Kennedy Elementary - Meadowlark	Install 3 Speed Humps at school	100%	68	\$50,000	1
Garrison Rd/Mineral Point Rd	Safety for students crossing at lunch time to Mall area	Add island lane to provide more protection to path crossing	130%	910	\$8,000	114
W Main St - Prospect to Brittingham	Bike gap	bike boulevard	100%	150	\$2,000	75
Leopold NRT Requests	speeding & ped safety	Speed humps	130%	1495	\$32,000	47
Delaware Blvd - 1500 block	Speeding, crashes, ped crossing at bus	Westbound speed humps	100%	1170	\$28,000	42
<del>W</del> Rd - Grand Canyon Dr to Tokay Blvd	People pass in turn lane - safety of peds crossing and bikes	8 Concrete Islands - Garrison to just east of Grand Canyon; evaluate impact & consider funding remaining islands in 2023	100%	1872	\$50,000	37
N Sixth St Blvd Blvd including E Washington & Packers crossing	Consideration of improvements to create bike Blvd to connect Union Corners <del>Capital</del> / Pennsylvania	Sharrows on 6th St; Signing	100%	440	\$12,000	37

Location	Issue/Concern	Proposed solution	EJ Area / Social Vulnerability Impact	Total benefit of project	Total estimate cost of project	Overall benefit cost/ratio
School Rd at Mendota Elementary	Speeding at school/crossing	Raised crossing / speed humps	130%	190	\$15,000	26
Rona Rd - Old Sauk Rd to Mineral Point Rd	Speeding; request for speed limit reduction	Reduce posted speed limit from 30 to 25	100%	52	\$2,000	26
Donald Dr at Sandburg Elementary	ped crossing safety	<del>W</del> of midblock crossing	100%	510	\$25,000	20
Wisconsin Ave at Gorham St & Johnson St	Driver confusion regarding dual left turns; Failure to Yield crashes both ped and MV turning on Johnson	Rebuilding/widening center concrete island, and upgrading all signal heads and adding a median signal pole; signal cabinet upgrade	115%	1311	\$130,000	10
<del>W</del> Rd at Parmar/Gately	Difficult ped/bike crossing	<del>W</del> shorten crosswalks & continental crosswalk, and ped ramps/sidewalk; RFB	100%	600	\$70,000	9
Duel Creek NRT Requests	speeding & ped safety	Islands and marked crosswalks at the park	130%	169	\$30,000	6
Tompson near Henderson Elementary	Speeding; safety of kids walking/biking to school	3 speed humps	130%	98	\$28,000	4
Milly Way - 400 to 600 blocks	Speeding; N/S cut-through route alternative to North Star Drive	4 speed humps	100%	20	\$32,000	1
Packers/Starbuckweather Creek Path	Improve intersection for bike travel on Starbuckweather Creek Path and Packers westside on/off ramps -	Extend EB bike lane from Everett St to SB Packers on-ramp	115%	1725	\$1,100	523
6th St and E Johnson St	Multiple crashes at intersection; new crash in late July 2023	Spin Alert Reflector on Stop signs	100%	120	\$900	400
Milwaukee St and Swanton St	Overall Safety, Speeding	RFB	130%	2018	\$10,000	202
South Point Rd at Valley View Rd	Southbound driving through stop sign/intersection and off road	LED blinking Stop sign	100%	192	\$2,000	196
Hovde Rd and Troy Dr	Speeding; no sidewalk	RFB	130%	1136	\$10,000	114
E Johnson St at N Frockway St	Pedestrian crossing safety - Request for RFB	RFB	115%	2217	\$20,000	111
N Baldwin St	Speeding, ped/bike safety, overall safety; concerns at E Mills, E Dayton & other locations	Remove on-street parking, add bike lanes	100%	1240	\$18,000	70
Moorland Rd	Missing bike and ped connections; severe sidewalk gaps in former Town area; high number of single <del>del</del> MV crashes	Refuge island & RFB at Dunwoody, DFB on Moorland	130%	2431	\$35,000	69
W Dayton St at N Mills St	Unsafe bike lane through intersection	Add green bike lane dashes through intersection for W Dayton St	115%	207	\$1,000	69
W Dayton St at N Charter St	Unsafe bike lane through intersection	Add green bike lane dashes through intersection for W Dayton St	115%	207	\$1,000	69
W Dayton St at N Orchard St	Unsafe bike lane through intersection	Add green bike lane dashes through intersection for W Dayton St	115%	207	\$1,000	69
<del>W</del> Path at N Second St	Bike crossing safety	Green markings	100%	190	\$6,000	65
Fish Hatchery Rd at High St	Difficulty for residents to cross - request for an RFB from a resident with a disability who finds that vehicles do not yield	RFB	100%	1270	\$20,000	64

Location	Issue/Concern	Proposed solution	EJ Area / Social Vulnerability Impact	Total benefit of project	Total estimate cost of project	Overall benefit cost/ratio
Speedway at Hammersley Ave	Ped/bike crossing safety; more people going to The Glen and crossing at this location, cars not yielding	RFB	100%	1270	\$20,000	64
Milwaukee St at Meadowlark Dr	Difficult pedestrian crossing	RFB	130%	632	\$10,000	63
Old Sauk Rd and Blue Ridge Pkwy	Speeding, pedestrian safety; sidewalk only on one side of Old Sauk Rd in this location; Blue Ridge Pkwy no sidewalk on north side	Curb <del>curb</del> add ped ramp, RFB & continental crosswalk	100%	1670	\$30,000	56
S Baldwin St	lack of bike facilities connecting to bike boulevard	Add bike lanes, lamp curb <del>curb</del> at E Wilson St intersection	115%	978	\$18,000	54
Portage Rd at <del>W</del>	safety at crossing as serves as route to school, dangerous to cross and drivers try to pass in bike lane when a driver does yield	RFB	115%	1014	\$20,000	51
Portland Pkwy	Needs improvement; crossing Milwaukee St to 2024 Autumn Ridge Path	RFB	115%	1014	\$30,000	34
W Dayton St at N Lake St	EDLT crashes with WB bikes	Bike lane green dashes through intersection	100%	90	\$1,000	10
E Washington Ave at <del>W</del> Ave	Pedestrian crossing safety of E Washington Ave at Cook Trips & new grocery store	RFB	115%	734	\$25,000	20
University Ave at N Blackhawk Ave	Difficult to cross at this location but a connection to Blackhawk Path for neighborhood	New crossing configuration with no left turns onto <del>W</del>	100%	1576	\$60,000	26
Mineral Point Rd at Racine	Difficult ped crossing; school bus stop; long distance to next signalized crossing	RFB	100%	588	\$25,000	24
Ford Rd at <del>W</del> Path	Bike crossing safety	Green markings	130%	209	\$13,500	22
Oscar St, Buckingham Ln, Duane St	Gap in bike network; pedestrian crossing safety	Convert streets to Bike Boulevard	100%	1100	\$53,000	21
Dempsey Rd path crossing	Unsafe path crossing - Drivers will drive around yielding vehicles	Green crossing	100%	90	\$5,000	18
N Randall Ave & Dayton St	Unsafe bike lane through intersection	Add green bike lane dashes through intersection for N Randall Ave	115%	21	\$1,500	15
S Bready St at Cap City Trail	Bike crossing safety	Green markings	100%	150	\$10,000	15
Milwaukee Blvd from Mineral Point Rd to University Ave	Missing bike connections; pedestrian crossing concerns near Hilldale	Remove on-street parking, add marked bike lanes, improve several pedestrian crossings	100%	1380	\$104,000	13
N Randall Ave & Monroe St	Unsafe bike lane through intersection	Add green bike lane dashes through intersection for N Randall Ave	115%	21	\$2,000	12
S Livingston St at Cap City Trail	Bike crossing safety	Green markings	100%	110	\$11,500	10
Martha Lu Vernon Ave to Topaz Ln	Speeding	speed humps	100%	200	\$20,000	10
N Randall Ave & W Johnson St	Unsafe bike lane through intersection	Add green bike lane dashes through intersection for N Randall Ave	115%	21	\$1,000	8
Caring Dr at SW Cornermar Path	Bike crossing safety	Green markings	130%	91	\$13,500	7