

# *Neighborhood Traffic Management Program (NTMP)*



*Tom Mohr  
City Traffic Engineering Division*

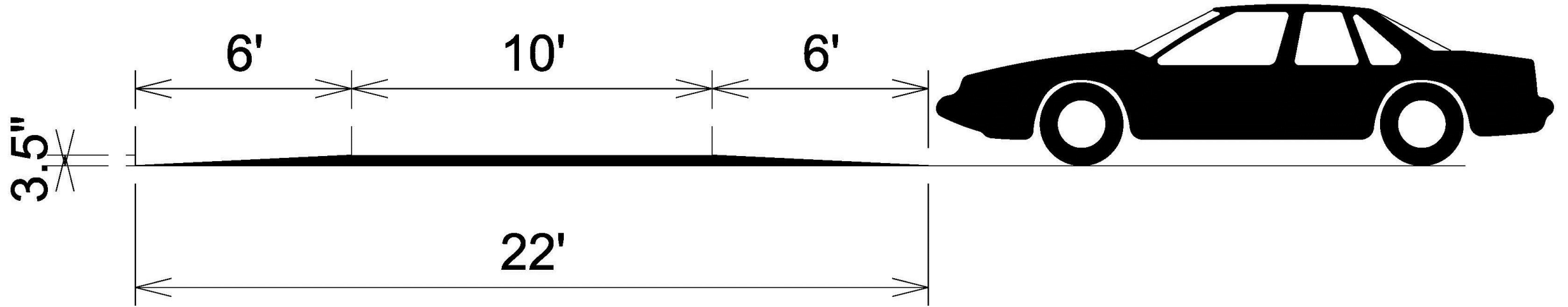
# Neighborhood Traffic Management Program

- History
  - Established in 1997
  - Growing complaints of neighborhood speeding
  - Uses “active” devices instead of “passive” devices
  - “Permanent Police”

# NTMP Devices

- Speed Humps
  - Slows traffic along a street
  - 300' spacing
  - Consider bus routes and emergency vehicle routes
- Traffic Circles
  - Slows traffic at an intersection
  - Allow bus turning movements

# Speed Hump



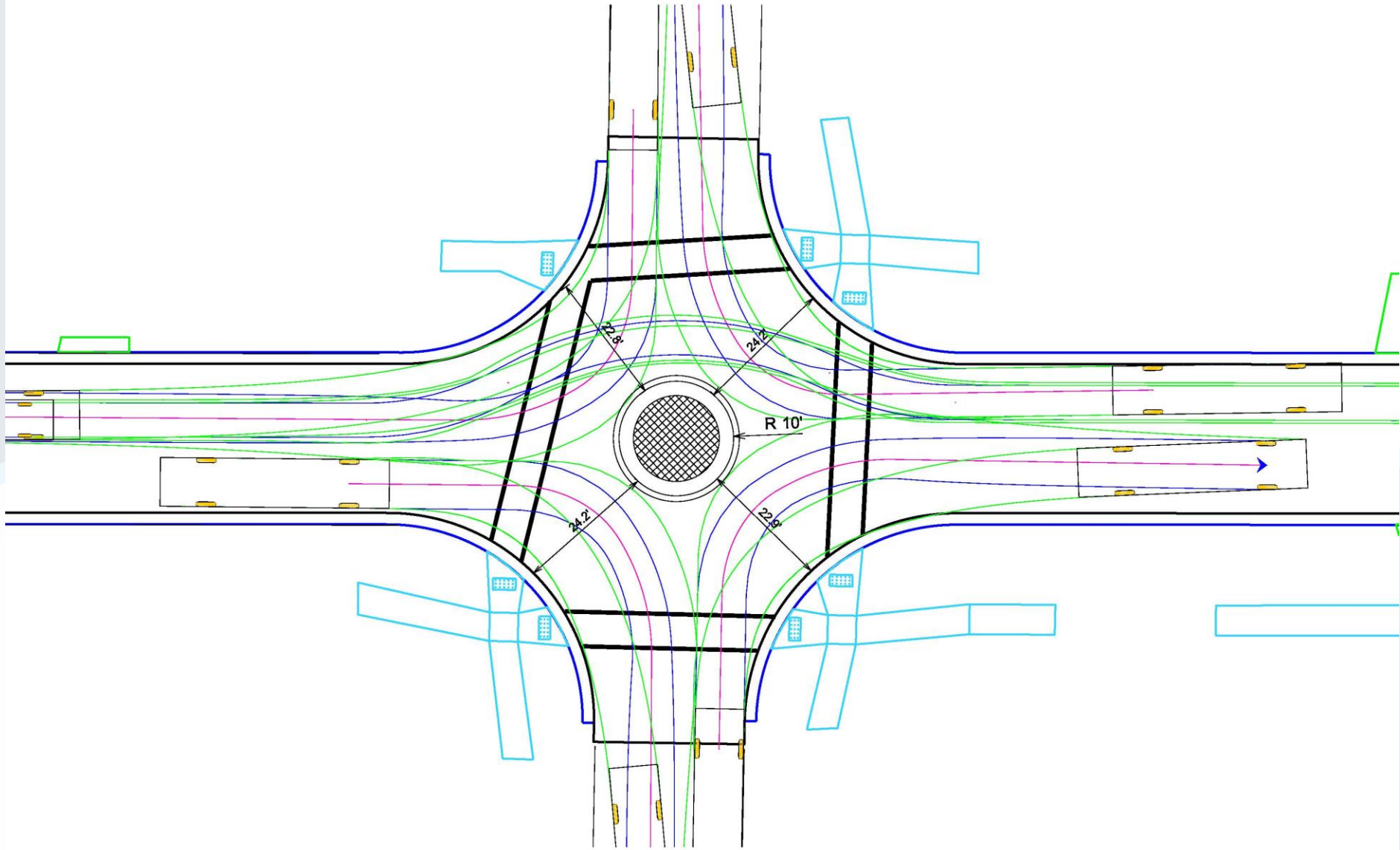


Department of  
Transportation



# Traffic Circle





# Neighborhood Traffic Management Program

- Steps
  1. Resident contacts Traffic Engineering
  2. Approval of Fire and Metro Transit
  3. Petition of Residents to Initiate Study
  4. Traffic Study—hose counts
  5. Ranking (30 points needed)
  6. Approval by Transportation Commission
  7. Final Survey of Residents (60% approval)
  8. Construction



# Ranking System

- Volume
- Speed—percent over 30 mph
- Crashes—3 year history
- Schools—within ¼ mile
- School Walk Routes
- Parks—within ¼ mile
- Bike Routes
- Neighborhood Resource Team referral
- Time on List

**CITY OF MADISON  
NEIGHBORHOOD TRAFFIC MANAGEMENT PROGRAM (NTMP)  
2019 NTMP Candidate Locations**

	Candidate Street	Year of Study	Location	Points Criteria							Points Assignment								
				AWT	% Over PSL+5	School Area	Ped Gen. Area	School Walk Route	Bike Route	Prev. 3yr Crashes per block	AWT /100	% Over PSL /3	Prev. 3 yr Crashes per block	School Area	Ped Gen. Area	School Walk Route	Bike Route	Years on List	Total Points
1	700 E Mifflin St	2018	Blount to Livingston	1,863	8.85	No	Yes	Yes	Yes	1.0	18.63	2.95	5.00	0	5	5	5	0	41.6
2	Lake Point Drive	2018	Hoboken to Garden View Ct	2,469	3.77	No	Yes	No	No	1.5	24.69	1.26	7.50	0	5	0	0	0	38.4
3	1000 E Mifflin 9-18	2018	Brearily to Ingersoll	1,607	4.66	Yes	Yes	Yes	Yes	0.0	16.07	1.55	0.00	5	5	5	5	0	37.6
4	800 E Dayton St	2018	Livingston to Paterson	712	4.72	Yes	Yes	Yes	No	2.0	7.12	1.57	10.00	5	5	5	0	0	33.7
5	Browning Rd	2017	Sherman to Dryden	446	25.30	Yes	Yes+	No	No	1.0	4.46	8.43	5.00	5	10	0	0	0	32.9
6	1300 Spaight St	2018	Baldwin to Dickinson	1,236	7.38	Yes	Yes	Yes	No	0.5	12.36	2.46	2.50	5	5	5	0	0	32.3
7	Dolphin Dr	2018	Manchester to Urich	781	11.92	Yes	Yes+	No	No	1.0	7.81	3.97	5.00	5	10	0	0	0	31.8
8	North Star Dr	2018	Copernicus to Aries	1,000	27.16	No	Yes+	No	No	0.5	10.00	9.05	2.50	0	10	0	0	0	31.6
9	Lone Oak Ln	2017	Weatherstone to Silkwood	1,204	7.89	Yes	Yes	Yes	No	0.0	12.04	2.63	0.00	5	5	5	0	0	29.7
10	1400 Rutledge	2018	Dickinson to Rogers	884	1.41	Yes	Yes	Yes	No	1.0	8.84	0.47	5.00	5	5	5	0	0	29.3
11	Lewon Dr	2016	Raymond to Black Oak Dr	689	7.20	Yes	Yes	Yes	No	0.5	6.89	2.40	2.50	5	5	5	0	2	28.8
12	Bryan St	2016	Milwaukee St to Fair Oaks	564	6.99	No	Yes+	Yes	No	0.7	5.64	2.33	3.33	0	10	5	0	2	28.3
13	Monterey Dr	2016	Trailsway to Wyldewood Dr	478	10.47	No	Yes+	No	No	1.3	4.78	3.49	6.25	0	10	0	0	2	26.5
14	Gregory St	2015	Sheldon to Commonwealth	866	0.99	Yes	Yes	Yes	No	0.0	8.66	0.33	0.00	5	5	5	0	2	26.0
15	Rieder Rd (35mph PSL)	2018	Old Gate to Portage	2,421	3.84	No	No	No	No	0.0	24.21	1.28	0.00	0	0	0	0	0	25.5
16	1800 S Thompson	2018	Buckeye to Rustic Ridge	1,843	5.52	No	Yes	No	No	0.0	18.43	1.84	0.00	0	5	0	0	0	25.3
17	Hillcrest Dr	2015	Sunset to Owen	1,216	3.00	No	No	Yes	No	1.0	12.16	1.00	5.00	0	0	5	0	2	25.2
18	Windom Way	2017	Elka to Dryden	1,695	6.00	No	No	No	No	1.0	16.95	2.00	5.00	0	0	0	0	0	24.0
19	Ziegler Rd	2016	Nakoosa Trl to Conlin St	782	4.73	No	Yes	No	No	1.5	7.82	1.58	7.50	0	5	0	0	2	23.9
20	Sawmill Rd	2017	Darien Dr to N Woodmont Cir	736	32.74	No	Yes	No	No	0.0	7.36	10.91	0.00	0	5	0	0	0	23.3
21	Toepfer Ave	2018	Meyer to Winnemac	550	7.66	Yes	Yes	Yes	No	0.0	5.50	2.55	0.00	5	5	5	0	0	23.1
22	Dorsett Dr	2015	Whitney Way to Gilbert Street	217	26.50	Yes	Yes	No	No	0.0	2.17	8.83	0.00	5	5	0	0	2	23.0
23	Chamberlain Ave	2016	Franklin Av. - Farley Av.	753	2.40	Yes	Yes	No	No	0.5	7.53	0.80	2.50	5	5	0	0	2	22.8
24	2000 E Mifflin St	2017	Second St to Third St	518	6.60	Yes	Yes	Yes	No	0.0	5.18	2.20	0.00	5	5	5	0	0	22.4
25	Longmeadow Rd	2017	7310 Longmeadow	830	22.05	No	Yes	No	No	0.0	8.30	7.35	0.00	0	5	0	0	0	20.7
26	Lake Mendota Drive	2017	Minocqua Crest to Spring Harbor Dr	980	2.20	No	Yes	No	Yes	0.0	9.80	0.73	0.00	0	5	0	5	0	20.5
27	Elka Ln weekend	2017	Ruskin St to Huxley St	269	2.50	No	No	No	No	2.3	2.69	0.83	11.50	5	0	0	0	0	20.0
28	Allis Ave	2016	Shaffer to Spaanem	479	0.35	No	Yes	Yes	No	0.5	4.79	0.12	2.50	0	5	5	0	2	19.4
29	Dryden Dr	2017	Browning Rd to Thackeray Rd	847	2.80	No	Yes	Yes	No	0.0	8.47	0.93	0.00	0	5	5	0	0	19.4
30	N Blount	2018	Dayton to Mifflin	1,426	0.00	No	Yes	No	No	0.0	14.26	0.00	0.00	0	5	0	0	0	19.3

Recommend for speed humps for 2019 contract

Recommend to wait until completion of Lyric 2 building

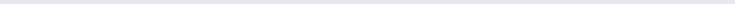
# Resident Survey

- 1 vote per residence + 1 vote for owner
- Apartments—1 vote per unit
- 60% approval required of returned surveys

# Questions/Comments

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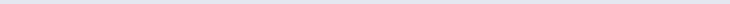
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# 2020 Proposed Projects

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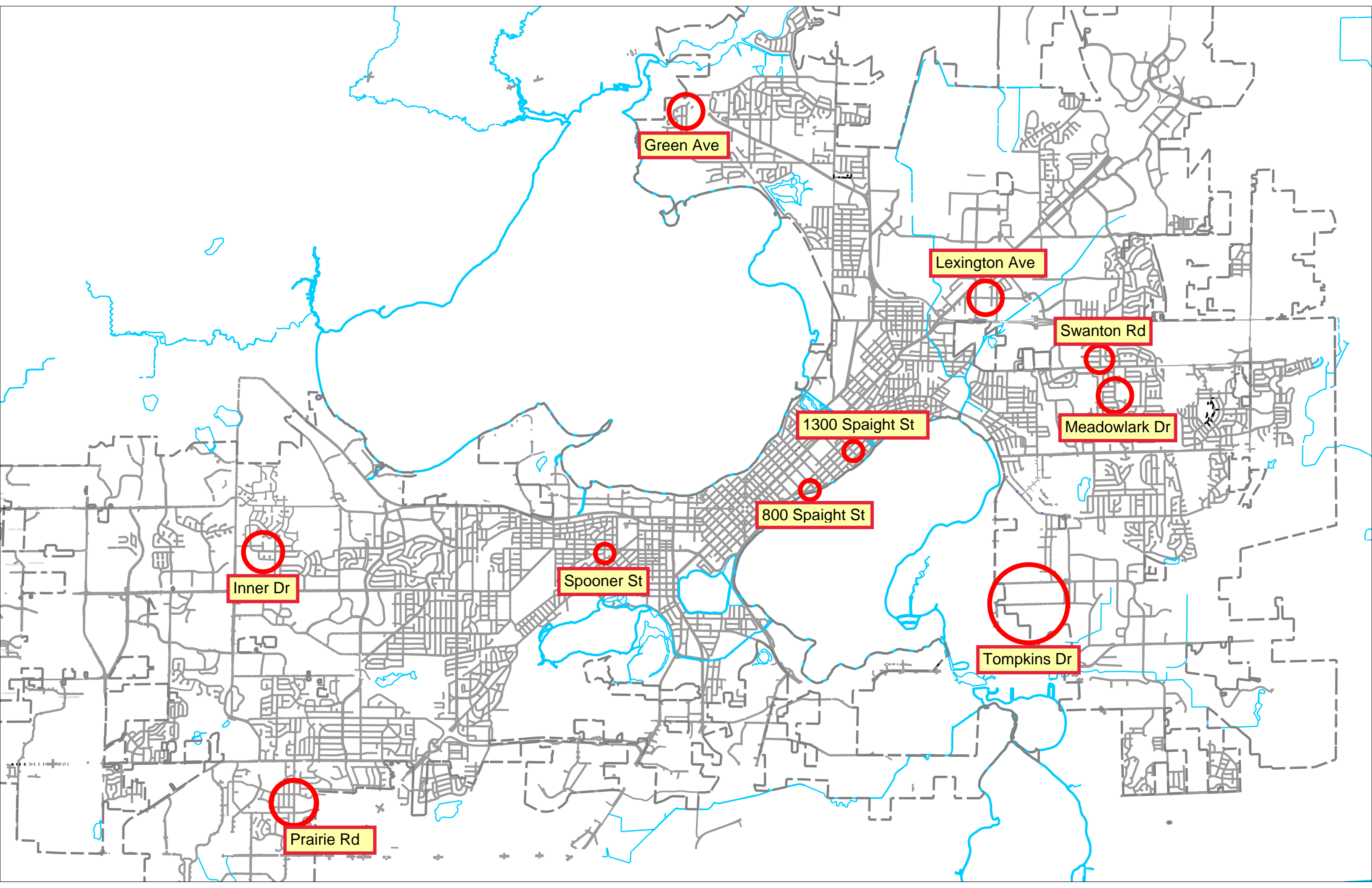


**CITY OF MADISON  
NEIGHBORHOOD TRAFFIC MANAGEMENT PROGRAM (NTMP)  
2020 NTMP Candidate Locations**

	Candidate Street	Year of Study	Study Location	Notes	# of Speed Humps	# of Islands	# of Circles	Estimated Cost	Posted Speed Limit	Functional Class	Points Criteria						Points Assignment										
											AWT	% Over PSL+5	School Area	Gen. Area	School	Bike	Prev. 3yr	AWT /100	% Over /3	Crashes per block	School Area	Gen. Area	School	Bike	NRT	Years on List	Total Points
1	Walter St	2019	Dawes St to Richard St	Existing circles. Metro opposes humps. Perform 2020 test of quick curb bumpouts				\$0	25	Collector	4,325	23.70	Yes	Yes	Yes	No	2.5	30.00	7.90	12.50	5	5	5	0	0	0	65.4
2	Swanton Rd	2019	Easley Ln to Hamlet Pl	Speed humps opposed by Fire, Metro			1	\$7,000	25	Collector	6,532	33.70	No	Yes	Yes	Yes	0.5	30.00	11.23	2.50	0	5	5	5	0	0	58.7
3	Prairie Rd	2019	Piedmont Rd to Putnam Rd	Speed humps okay'd by Fire. No Metro routes	2			\$14,000	30	Collector	5,354	1.40	Yes	Yes	Yes	No	0.5	30.00	0.47	2.50	5	5	5	0	0	0	48.0
4	S Spooner St	2019	Regent St to Rowley Ave	15 MPH Street. Okay'd by Fire. No Metro routes.	1			\$7,000	15	Collector	2,701	27.10	No	No	Yes	Yes	0.0	27.01	9.03	0.00	0	0	5	5	0	0	46.0
5	Green Avenue	2019	Knutson Dr to Beilfuss Dr	No Metro routes north of Knutson Dr. All-Way Stop study at Green-Knutson did not meet warrant	2		1	\$21,000	25	Collector	2,074	36.40	No	Yes	No	Yes	0.5	20.74	12.13	2.50	0	5	0	5	0	0	45.4
6	Meadowlark Dr	2019	Jade Ln to Agate Ln	Kennedy Elementary School. No Metro Routes. Speed humps voted down by 1 vote in January 2015.	3			\$21,000	25	Collector	2,092	7.60	Yes	Yes+	Yes	No	0.0	20.92	2.53	0.00	5	10	5	0	0	0	43.5
7	Inner Dr (islands b/c bus route)	2019	Gettysburg Dr to Horseshoe Bend	John Muir Elementary. Metro opposes speed humps.		2		\$14,000	25	Collector	1,564	26.40	Yes	Yes	Yes	No	0.0	15.64	8.80	0.00	5	5	5	0	0	0	39.4
8	Lexington Ave	2019	Christianson Ave to Jacobson Ave	Hawthorne Elementary School	3			\$21,000	25	Local	2,038	9.90	Yes	Yes	Yes	No	0.0	20.38	3.30	0.00	5	5	5	0	0	0	38.7
9	1300 Spaight St	2018	Dickinson St to Rogers St	Carryover from previous year. Metro opposes speed humps.			1	\$7,000	25	Local	1,236	7.38	Yes	Yes+	Yes	No	0.5	12.36	2.46	2.50	5	10	5	0	0	1	38.3
10	Tompkins Dr	2019	Joylyne Dr to Maher Ave	Glendale Elementary. Residents voted speed humps down by 1 vote in January 2015. Metro opposes humps.			3	\$21,000	25	Collector	931	19.30	Yes	Yes	Yes	No	1.0	9.31	6.43	5.00	5	5	5	0	0	0	35.7
11	800 Spaight St	2019	Jenifer St to Paterson St	At BB Clarke Beach	2			\$14,000	25	Local	352	0.00	No	Yes+	Yes	Yes	2.0	3.52	0.00	10.00	0	10	5	5	0	0	33.5
12	Lone Oak Ln	2017	Weatherstone to Silkwood						25	Collector	1,204	7.89	Yes	Yes	Yes	No	0.0	12.04	2.63	0.00	5	5	5	0	0	0	29.7
13	Rutledge St	2018	Dickinson to Rogers						25	Local	884	1.41	Yes	Yes	Yes	No	1.0	8.84	0.47	5.00	5	5	5	0	0	0	29.3
14	Spaanem Ave	2019	Hob to Linda Vista	Unimproved street--no curb and gutter					25	Local	572	24.60	Yes	Yes	Yes	No	0.0	5.72	8.20	0.00	5	5	5	0	0	0	28.9
15	Lewon Dr	2016	Raymond to Black Oak Dr						25	Local	689	7.20	Yes	Yes	Yes	No	0.5	6.89	2.40	2.50	5	5	5	0	0	2	28.8
16	E Main St	2019	First to Second						25	Local	989	2.83	Yes	Yes	Yes	No	0.0	9.89	0.94	0.00	5	5	5	0	0	2	27.8
17	North Star Drive	2019	Orion to Hercules Trl						25	Collector	1,646	15.30	No	Yes	No	No	0.0	16.46	5.10	0.00	0	5	0	0	0	0	26.6
18	Monterey Dr	2016	Trailsway to Wyldeewood Dr						25	Local	478	10.47	No	Yes+	No	No	1.3	4.78	3.49	6.25	0	10	0	0	0	2	26.5
19	Gregory St	2015	Sheldon to Commonwealth						25	Local	866	0.99	Yes	Yes	Yes	No	0.0	8.66	0.33	0.00	5	5	5	0	0	2	26.0
21	Presidential Lane	2019	Tacora to Manor Cross						25	Local	258	8.20	Yes	Yes	Yes	No	1.0	2.58	2.73	5.00	5	5	5	0	0	0	25.3
22	S Thompson	2018	Buckeye to Rustic Ridge						25	Collector	1,843	5.52	No	Yes	No	No	0.0	18.43	1.84	0.00	0	5	0	0	0	0	25.3
23	Hillcrest Dr	2015	Sunset to Owen						25	Local	1,216	3.00	No	No	Yes	No	1.0	12.16	1.00	5.00	0	0	5	0	0	2	25.2
24	Windom Way	2017	Elka to Dryden						25	Local	1,695	6.00	No	No	No	No	1.0	16.95	2.00	5.00	0	0	0	0	0	0	24.0
25	Ziegler Rd	2016	Nakoosa Trl to Conlin St						25	Local	782	4.73	No	Yes	No	No	1.5	7.82	1.58	7.50	0	5	0	0	0	2	23.9
26	Milo Ln	2019	Hamlet to Boynton						25	Local	384	14.40	No	Yes	Yes	No	1.0	3.84	4.80	5.00	0	5	5	0	0	0	23.6
27	Sawmill Rd	2017	Darien Dr to N Woodmont Cir						25	Local	736	32.74	No	Yes	No	No	0.0	7.36	10.91	0.00	0	5	0	0	0	0	23.3
28	Toepfer Ave	2018	Meyer to Winnemac						25	Local	550	7.66	Yes	Yes	Yes	No	0.0	5.50	2.55	0.00	5	5	5	0	0	0	23.1
29	Dorsett Dr	2015	Whitney Way to Gilbert Street						25	Local	217	26.50	Yes	Yes	No	No	0.0	2.17	8.83	0.00	5	5	0	0	0	2	23.0
30	Chamberlain Ave	2016	Franklin Av.- Farley Av.						25	Local	753	2.40	Yes	Yes	No	No	0.5	7.53	0.80	2.50	5	5	0	0	0	2	22.8
31	Richard St	2019	Bradford Ln to Cumberland Ln						25	Local	462	9.50	Yes	Yes	Yes	No	0.0	4.62	3.17	0.00	5	5	5	0	0	0	22.8
32	E Miffilin St	2017	Second St to Third St						25	Local	518	6.60	Yes	Yes	Yes	No	0.0	5.18	2.20	0.00	5	5	5	0	0	0	22.4
33	Longmeadow Rd	2017	7310 Longmeadow						25	Collector	830	22.05	No	Yes	No	No	0.0	8.30	7.35	0.00	0	5	0	0	0	0	20.7
34	Lake Mendota Drive	2017	Minocqua Crest to Spring Harbor Dr						25	Collector	980	2.20	No	Yes	No	Yes	0.0	9.80	0.73	0.00	0	5	0	5	0	0	20.5
35	Van Hise Ave	2019	Grand to Highland						25	Local	478	1.20	Yes	Yes	No	No	1.0	4.78	0.40	5.00	5	5	0	0	0	0	20.2
36	Elka Ln weekend	2017	Ruskin St to Huxley St						25	Local	269	2.50	No	No	No	No	2.3	2.69	0.83	11.50	5	0	0	0	0	0	20.0
38	Allis Ave	2016	Shaffer to Spaanem						25	Local	479	0.35	No	Yes	Yes	No	0.5	4.79	0.12	2.50	0	5	5	0	0	2	19.4
39	Dryden Dr	2017	Browning Rd to Thackeray Rd						25	Local	847	2.80	No	Yes	Yes	No	0.0	8.47	0.93	0.00	0	5	5	0	0	0	19.4
40	N Blount St	2018	Dayton to Miffilin						25	Local	1,426	0.00	No	Yes	No	No	0.0	14.26	0.00	0.00	0	5	0	0	0	0	19.3
41	Dunning St	2019	Bashford to Linden						25	Local	769	1.20	No	Yes	Yes	No	0.0	7.69	0.40	0.00	0	5	5	0	0	1	19.1
42	High Street & Short Street	2019	Intersection						25	Local	770	0.30	No	Yes	No	No	1.0	7.70	0.10	5.00	0	5	0	0	0	0	17.8
43	Ellen Ave	2019	Sams Ct to Aaron Ct						25	Local	602	15.10	No	Yes	No	No	0.3	6.02	5.03	1.65	0	5	0	0	0	0	17.7
44	Eliot Ln	2019	Thackeray Rd to Tennyson Ln						25	Local	238	5.40	Yes	Yes	No	No	0.5	2.38	1.80	2.50	5	5	0	0	0	0	16.7
46	Barby Lane	2019	Judy Cir to Northland Dr						25	Local	232	6.50	No	Yes	Yes	No	0.0	2.32	2.17	0.00	0	5	5	0	0	0	14.5
47	Hilton Drive	2019	Tacora Ln to Phillip Ln						25	Local	138	0.70	No	Yes	Yes	No	0.3	1.38	0.23	1.25	0	5	5	0	0	1	13.9
48	Raywood Rd	2019	Waunona to Frazier						25	Local	248	4.00	No	Yes+	No	No	0.0	2.48	1.33	0.00	0	10	0	0	0	0	13.8
49	Shale Drive	2019	Blackstone Cir to Mica Rd						25	Local	341	7.10	No	Yes	No	No	0.5	3.41	2.37	2.50	0	5	0	0	0	0	13.3
50	Rodney Ct	2019	Clark Ct to Brittingham Pl						25	Local	164	0.60	No	Yes	No	No	0.0	1.64	0.20	0.00	0	5	5	0	0	1	12.8

TOTAL **\$147,000**

Recommend for speed humps for 2019 contract



Green Ave

Lexington Ave

Swanton Rd

Meadowlark Dr

1300 Spaight St

800 Spaight St

Spooner St

Inner Dr

Tompkins Dr

Prairie Rd

RE RD

PUTNAM RD

PIEDMONT RD

WESTBROOK LN

PILGRIM RD

PRAIRIE RD

PRAIRIE RD

MONTICELLO WAY

WILLIAMSBURG WAY

MONTICELLO

SPEED HUMP

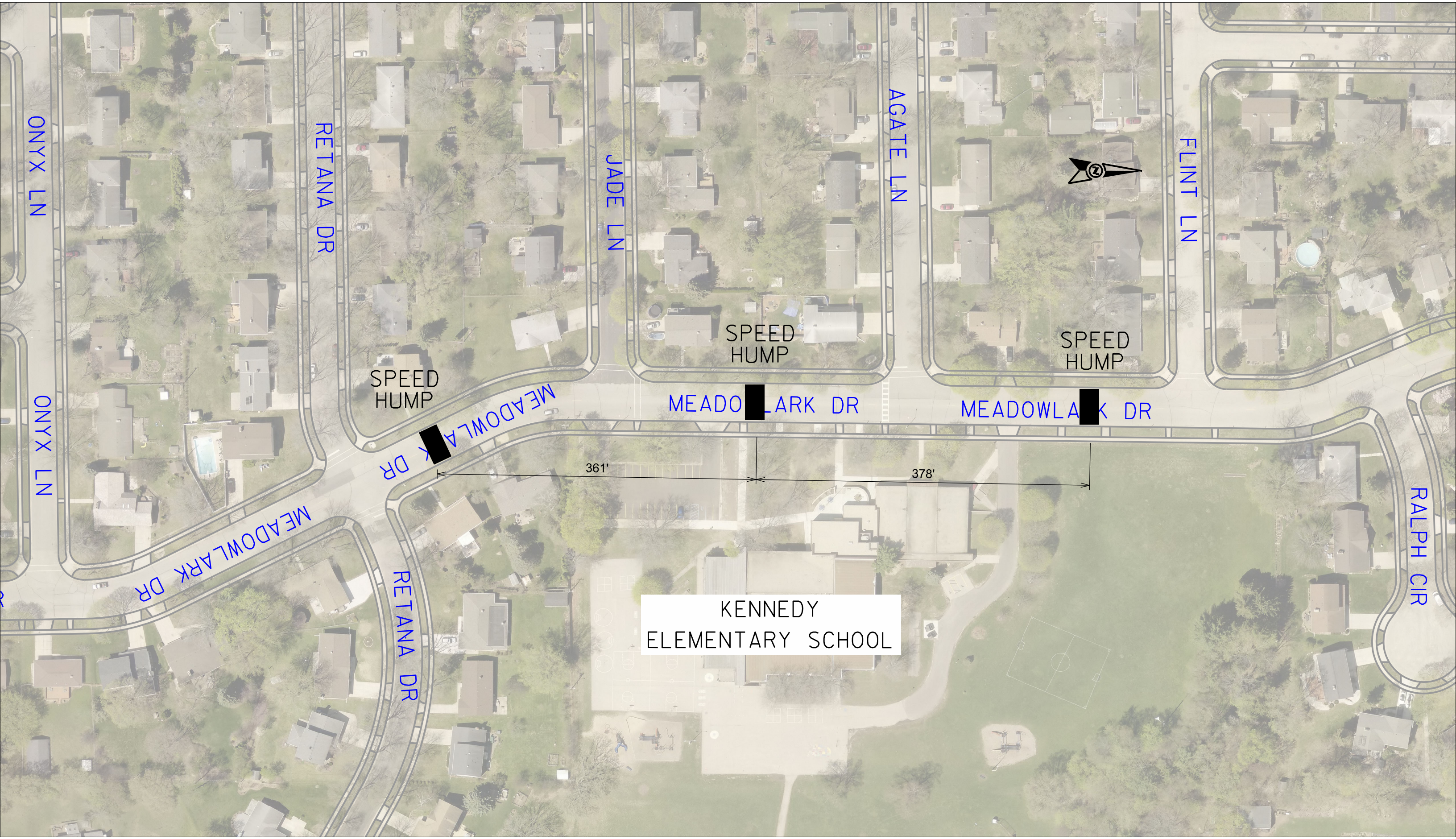
SPEED HUMP

331'

HUEGEL ELEMENTARY SCHOOL







ONYX LN

RETANA DR

JADE LN

AGATE LN

FLINT LN

SPEED HUMP

SPEED HUMP

SPEED HUMP

MEADOWLARK DR

MEADOWLARK DR

MEADOWLARK DR

RALPH CIR



KENNEDY  
ELEMENTARY SCHOOL

361'

378'

BROWN LN

BROWN LN

KNUTSON DR

BELLFUSS DR



GREEN AVE

GREEN AVE



SPEED HUMP

SPEED HUMP

22'

22'

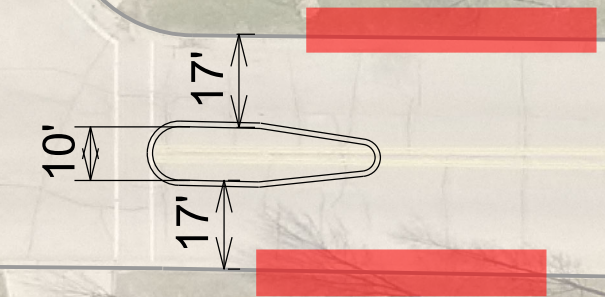
140'

370'

GREEN



HORSESHOE BEND

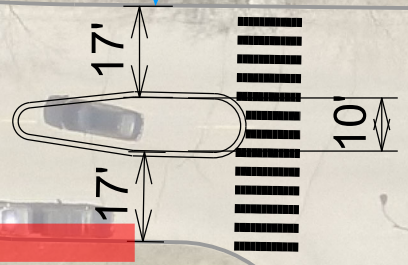


RED SHADED AREAS  
REQUIRE PARKING  
TO BE REMOVED.

Bus Stop



GETTYSBURG DR



Bus Stop



INNER DR

HAWTHORNE  
ELEMENTARY SCHOOL



N FAIR OAKS AVE

FAIRMONT AVE

MAYFAIR AVE

212'

323'

335'

LEXINGTON AVE

LEXINGTON AV

LEXINGTON AV

LEXINGTON AVE

SPEED  
HUMP

SPEED  
HUMP

SPEED  
HUMP

N FAIR OAKS AVE

CHRISTIANSON AVE

JACOBSON AVE

FAIRMONT AVE

MAYFAIR AVE





DICKINSON ST

S DICKINSON ST

SPAIGHT ST

SPAIGHT ST



Weekday Boardings--27



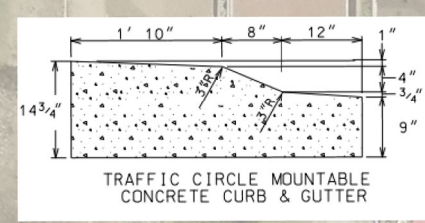
Weekday Boardings--2



R 27

GREEN SQUARE = STORM SEWER INLET

BLACK LINE = EXISTING PARKING RESTRICTION



REGENT ST

REGENT ST

S SPOONER ST

N S

DOWLEY AVE





GRO

A LN

ACACIA LN

ACACIA LN

LOUDEN LN

KVAMME LN

KVAMME LN

HERRO LN

HERRO LN

JOYLYNE DR

JOYLYNE DR

MAHER AV

GROVELAND TER

GROVELAND TER

NS DR

TOMPKINS DR

TOMPKINS DR

TOMPKINS DR

TOMPKINS DR

CRESTVIEW DR

CRESTVIEW DR

BUS STOP

BUS STOP

BUS STOP

BUS STOP

BUS STOP

BUS STOP





AMSON

JENIFER ST

S PATERSON ST

SPAIGHT ST

209'

266'

100'





MILWAUKEE ST

BOYNTON PL

HAMLET PL

EASLEY LN

MATCHLINE

BUS STOP

BUS STOP

BUS STOP

BUS STOP

NO PARKING ANY TIME  
ENTIRE WEST SIDE  
OF SWANTON RD

NO PARKING ANY TIME  
ENTIRE WEST SIDE  
OF SWANTON RD

NO PARKING ANY TIME  
ENTIRE WEST SIDE  
OF SWANTON RD

REMOVE PARKING

REMOVE PARKING

REMOVE PARKING

REMOVE PARKING

SWANTON RD

40'

40'

7'-10" 11'-6" 8'

7'-10" 11'-6" 8'



EASLEY LN

MATCHLINE



NO PARKING ANY TIME  
ENTIRE WEST SIDE  
OF SWANTON RD

SWANTON RD

NO PARKING ANY TIME  
ENTIRE WEST SIDE  
OF SWANTON RD

EXISTING  
SIGN



7' 10' 11' 6' 8'



EXISTING  
SIGN



EXISTING  
SIGN

STEIN AVE

2' BUFFER

2' BUFFER

EXISTING  
SIGN



EXISTING  
SIGN



BUS STOP

N THOMPSON DR

SHEET 2 OF 2



MILWAUKEE ST

SWANTON RD

BOYNTON PL

SWANTON RD

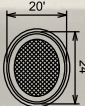
HAMLET PL

HAMLET PL

SWANTON RD

EASLEY LN

TRAFFIC CIRCLE



BUS STOP

BUS STOP

