



# **Neighborhood Meeting for “Traffic Calming”**

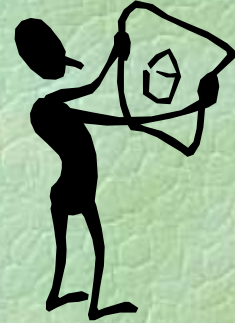
**Hammersley Road  
Second Resident Meeting  
July 20, 2005**

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**City of Madison, WI  
Neighborhood Traffic Management Program  
or “NTMP”**

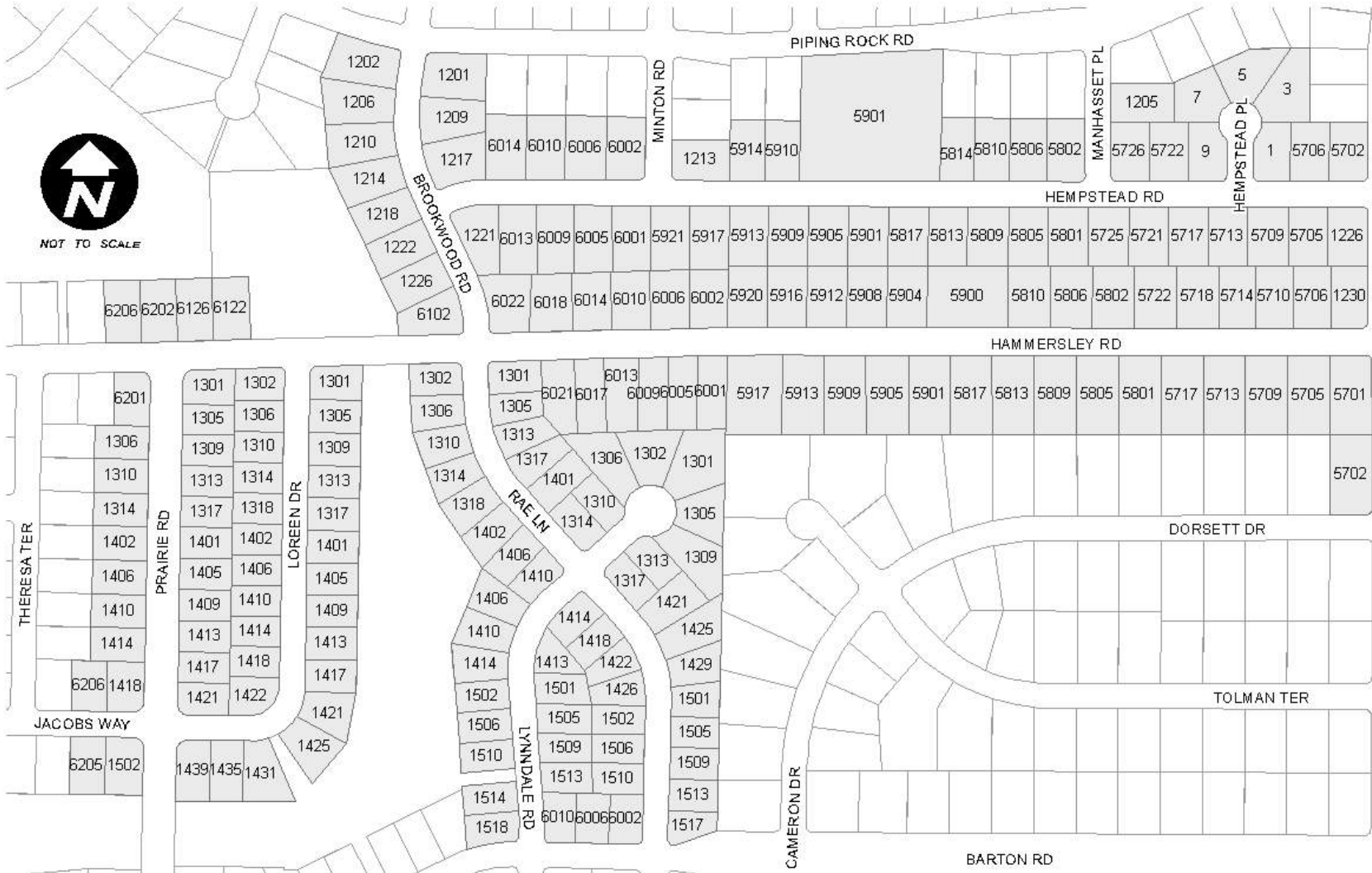
# Meeting Agenda

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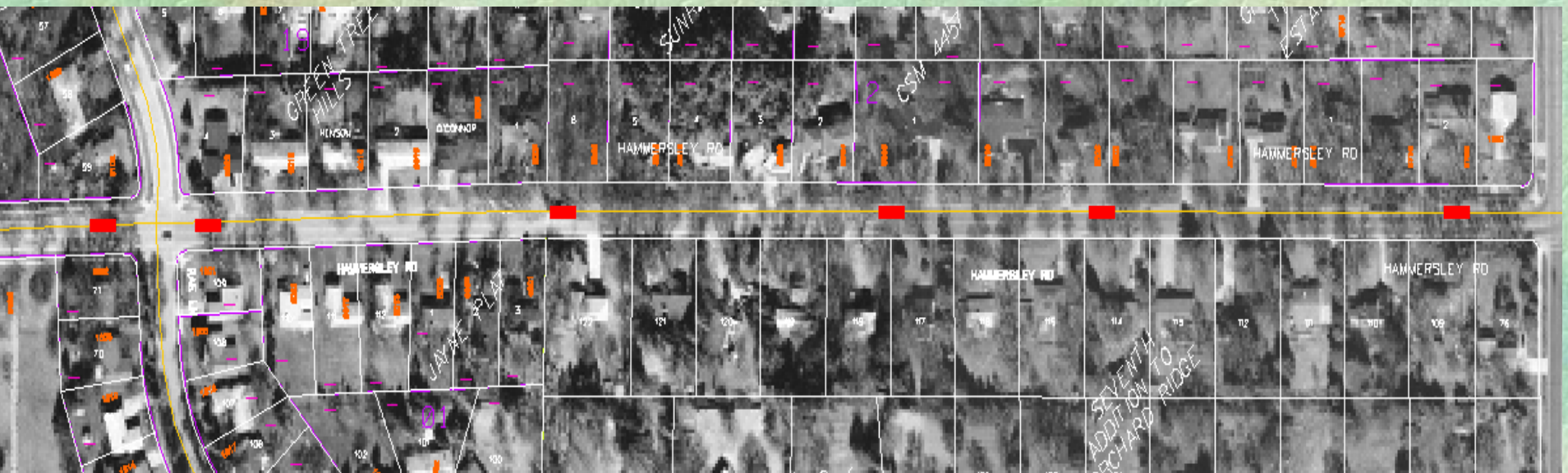
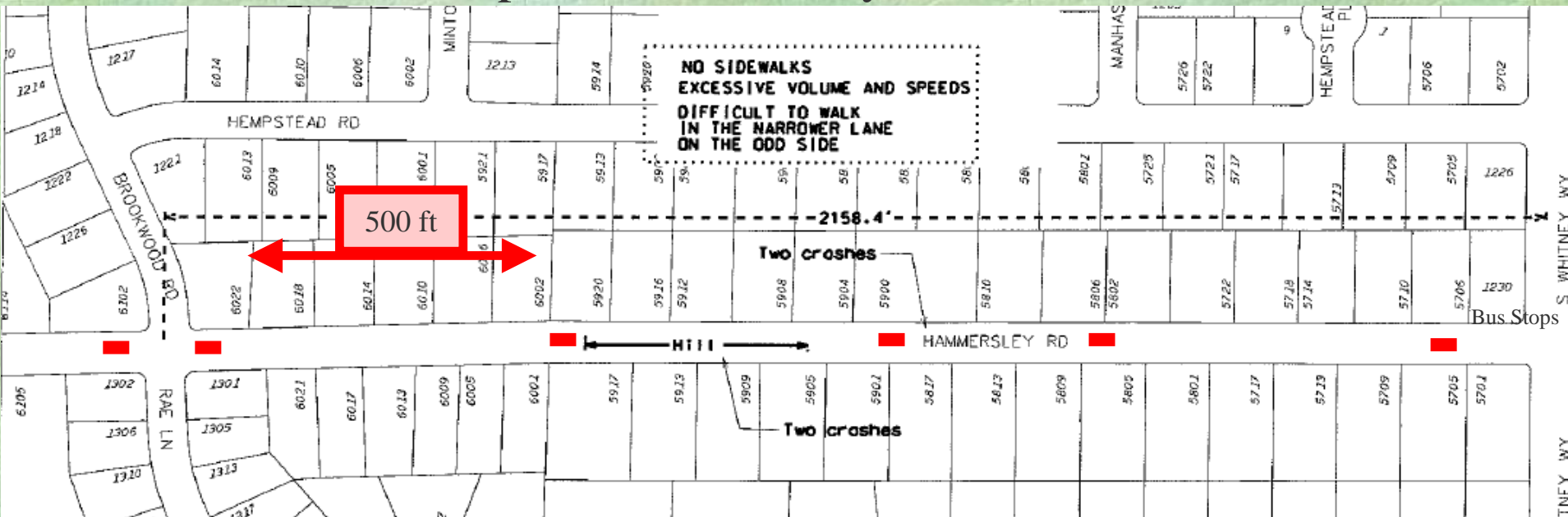
- Tonight's Meeting, we want to:
  1. Discuss Hammersley Road as Selected Project under the City's Nghd Traffic Management Program (NTMP)
  2. Review Data & Nghd Traffic Issues
  3. Review Proposed Traffic Calming Plan to provide a sustainable solution
  4. Agree on Traffic Calming Plan and Proceed to Ballot as Next Step

# Hammersley Rd [Whitney Way - Rae Ln] Traffic Calming Meeting Notice Area



# Potential Traffic Calming Plan—Series of Islands

Principle: No Driveways are to be blocked



# Traffic Calming Program 2005

## \$200,000 Annual Capital Budget -- 10+ projects / year

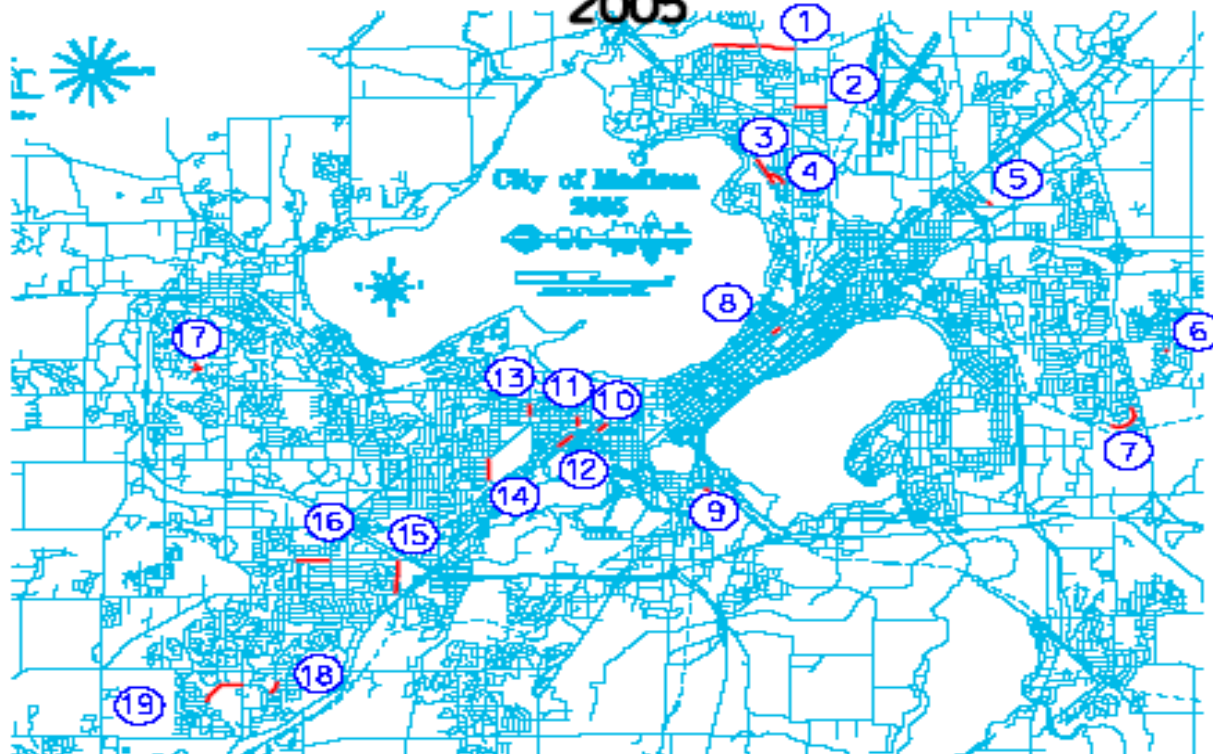


**AS REVISED**  
**04/27/05**

CITY OF MADISON  
NEIGHBORHOOD TRAFFIC MANAGEMENT PROGRAM (NTMP)  
2005 NTMP Candidate Locations  
March 2005 PBMVC Meeting

Dir	Candidate Street	Location	Functional Class	Points Criteria							Points Assignment										
				AWT	% Over PSL	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	Adj Total Points	Rank
<b>Collector Locations</b>																					
	Hammersley Rd	Whitney Way-Brookwood Rd	Collector	2,869	81	No	Yes	Yes	Yes	5	28.7	27.0	25	0	10	5	5	1	100.7	100.7	1
	Winnebago St	Linden Av-Fifth Street	Collector	4,973	42	No	Yes	Yes	No	4	30.0	14.0	20	0	10	5	0	1	79.0	79.0	2
	Glenway St	Mineral Point Rd-St. Clair St.	Collector	6,616	84	No	Yes	No	Yes	2	30.0	28.0	10	0	5	0	5	1	78.0	78.0	3
S	Thompson Dr	Buckeye Rd - Vondron	Collector	2,576	83	No	Yes	No	No	15	25.8	27.7	7.5	0	10	0	0	1	71.0	71.0	4
	Manchester	Jeffers- Thornberry	Collector	1,787	91	No	Yes	Yes	No	1	17.9	30.3	5	0	5	5	0	2	63.2	64.2	5
S	Spoooner	Rowley-Regent	Collector	2,111	44	No	Yes	Yes	Yes	1	21.1	14.6	5	0	10	5	5	3	60.7	62.7	6
	East Pass	Country Gr.-Maple Gr	Collector	2,358	64	No	Yes	Yes	No	0	23.6	21.3	0	0	10	5	0	3	59.9	61.9	7
	Sheridan Dr	Pleasure-Woodward	Collector	1,794	79	Yes	Yes	No	No	2	17.9	26.3	10	0	5	0	0	3	59.2	61.9	8
	Westfield Rd	Sawmill-Branford	Collector	1,159	88	No	Yes	No	Yes	1	11.6	29.3	5	0	5	0	5	3	55.9	57.9	9
	Longmeadow	Castlebar Ct-Longmeadow Cir	Collector	939	96	No	Yes	No	No	0	10.0	32.0	0	0	10	0	0	3	52.0	54.0	10
**	South Hill Dr	Segoe Rd-Whitney Way	Collector	1,215	73	No	Yes	Yes	No	0.5	12.1	24.3	2.5	0	10	5	0	1	53.9	53.9	11
N	Paterson St	E. Johnson St-E. Mifflin St	Collector	2,728	17	No	Yes	No	No	1.5	27.3	5.7	5.5	0	10	0	0	1	48.5	48.5	12
	Country Grove	Countrywood La-Southern Oak Pl	Collector	1,124	44	No	Yes	Yes	No	0	11.2	14.7	0	0	5	5	0	1	35.9	35.9	13
	Erin St	Orchard St-Park St	Collector	521	26	No	Yes	Yes	No	1	5.2	8.7	5	0	10	5	0	1	33.9	33.9	14
<b>Local Locations</b>																					
***	Westlawn Av	Harrison St-Edgewood Av	Local	819	5	No	Yes	Yes	No	4.5	8.2	1.7	22.5	0	10	5	5	2	52.4	53.4	1
N	Spoooner	Van Hise-Regent	Local	928	38	Yes	Yes	Yes	Yes	0	9.3	12.7	0	5	10	5	5	3	47.0	49.0	2
	Reetz Road	Hammersley-Raymond	Local	1,560	29	No	Yes	Yes	No	1	15.6	9.7	5	0	10	5	0	2	45.3	46.0	3
	Jefferson St	Regent St-Oakland Av	Local	768	25	No	Yes	Yes	No	2	7.7	8.3	10	0	10	5	0	2	41.0	42.0	4
	Sommers Av	Division-Dunning	Local	509	25	No	Yes	No	No	3.5	5.1	8.3	17.5	0	10	0	0	2	40.9	41.9	5
	Pleasure Dr	MacPherson-Sheridan	Local	605	59	No	Yes	No	No	1	6.1	19.7	5	0	10	0	0	2	40.8	41.8	6
	Fairfax Ln	at McLean Drive	Local	1,596	40	No	Yes	No	No	1	16.0	13.3	5	0	5	0	0	1	39.3	39.3	7
	E. Mifflin	Baldwin St - Few St	Local	1,012	7	No	Yes	Yes	Yes	2	10.1	2.5	10	0	5	5	5	2	37.6	38.6	8
	Magnolia Lane	Cypress-Magnolia	Local	942	43	No	Yes	Yes	No	0.5	9.4	14.3	2.5	0	5	5	0	3	36.2	38.2	9
	Manassas Trl	at Cottontail Trl	Local	1,549	52	No	Yes	No	No	0	15.5	17.3	0	0	5	0	0	1	37.8	37.8	10
S	Owen Drive	Mineral Point Rd-Caromar Drive	Local	1,085	17	Yes	Yes	Yes	No	1	10.9	5.7	5	5	5	5	0	1	36.6	36.6	11
	Heathercrest	at N. Meadow Lane	Local	834	18	No	Yes	Yes	No	0	8.34	17.6	0	0	5	5	0	1	35.9	35.9	12

# Traffic Calming & Arterial Pedestrian Enhancement Projects 2005



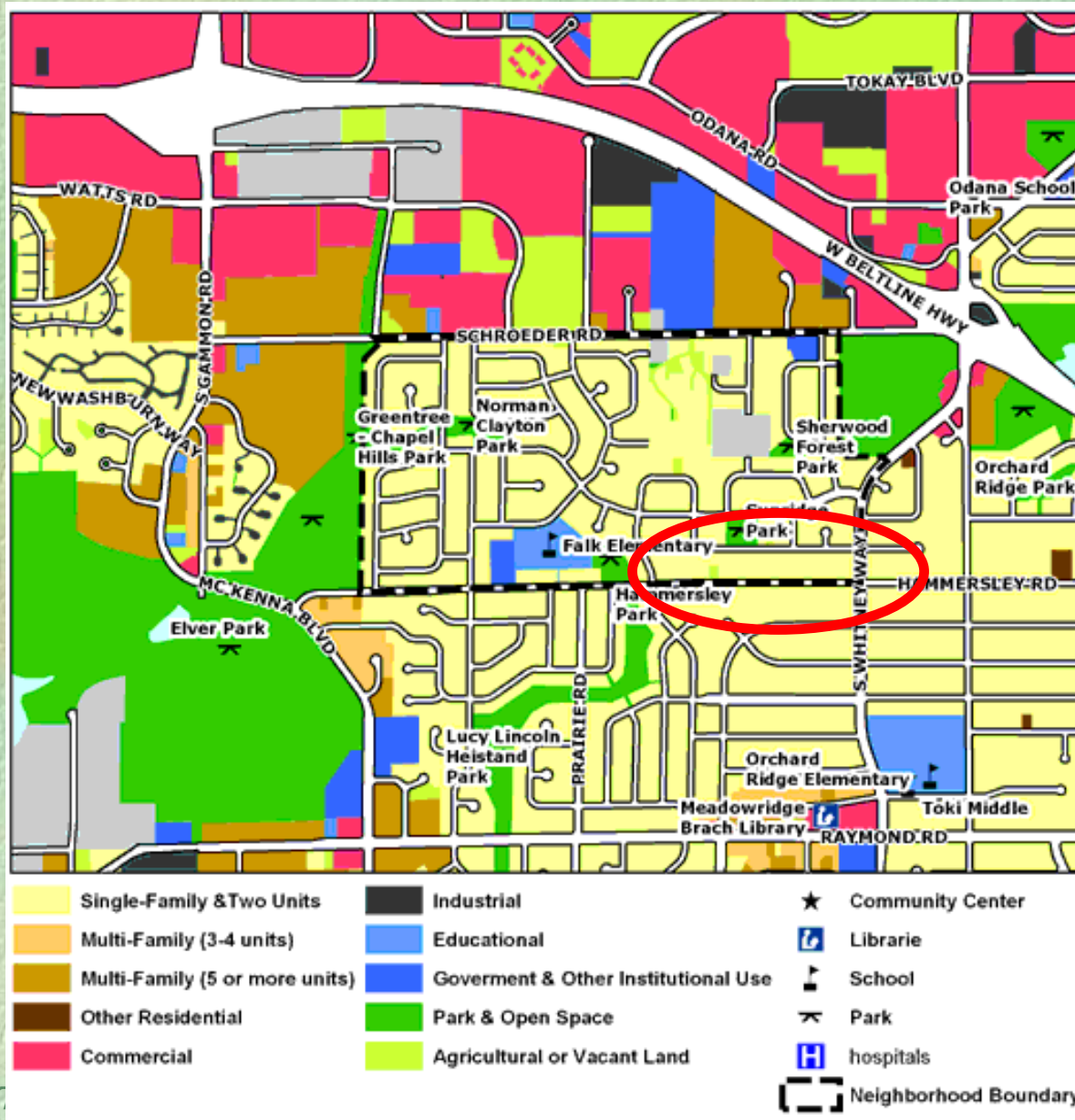
# Traffic Calming Contract 2005

Location	Segment Between	Device
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1	Wheeler Rd ..... N Sherman Av - School Rd .....	Islands(4)
2	Tonnysen La.....Paakers Av - N Sherman Ave.....	Islands(3)
3	Sheridan Dr.....Mac Pherson St - Wyldewood Dr .....	Islands(2) + Circle (1)
4	Pleasure Dr .....Sheridan Dr - Mac Pherson St.....	Islands(2) + Circle (1) or Speed Humps(4)
5	Mendota St.....Jupiter Av - Sycamore Av.....	Islands(2)
6	Fairfax Ln.....at McLean.....	Islands(2) or Circle (1)
7	S Thompson Dr ....Rustic Wood Dr - Park.....	Islands(6)
8	E Wiffiin St .....Balchln St - Few St.....	Islands(2) or Circle (1) or Speed Humps(4)
9	Olfn Av .....at Lawrence.....	Islands(2)
10	Jefferson St ....Regent St - Oakland Av .....	Circle (1) or Speed Humps(4)
11	Spooner St .....Rowley Av - Van Hise.....	Islands(3) + Circle(2)
12	West Lawn Av.....Harrison Av - Edgewood Av.....	Circles(2) or Speed Humps(4)
13	Highland Av.....Van Hise Av - University Av.....	Islands(2)
14	Glenway St.....Minal Pt Rd - St Clair St.....	Islands(7)
15	Reetz Rd.....Hammersley Rd - Raymond Rd.....	Islands(4)
16	Hammersley Rd.....Brookwood Rd - Whitney Way.....	Islands(4)
17	Westfield Rd.....at Sawmill Rd.....	Islands(2) + Circle(1)
18	Manchester Rd.....Westfn Dr - Jeffers Dr.....	Islands(5)
19	East Pass.....Country Grove Dr - Maple Gr Rd.....	Islands(6)



# Greentree Neighborhood



2005 Traffic Calming Project:

Hammersley Road  
(Whitney Way to Rae Lane/Brookwood Road)





# Madison's "NTMP"

- Part of the 3 E's:
  - **E**ducation/behavior
  - **E**nforcement
  - **E**ngineering

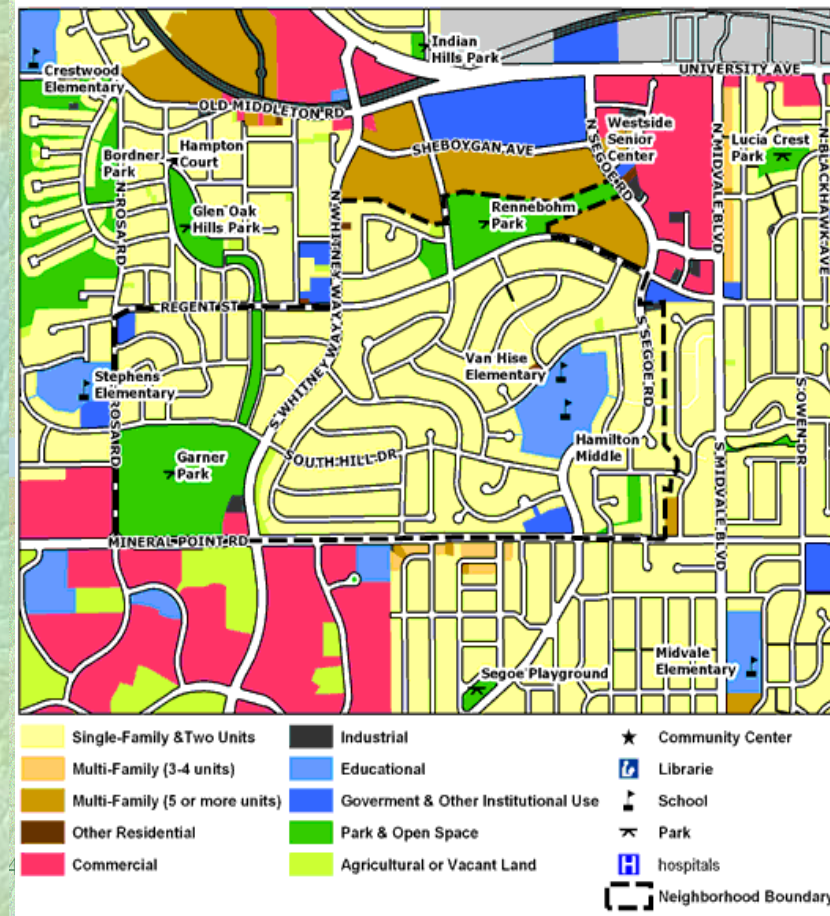


# Where is Traffic Calming applied?

## Local, Residential Streets

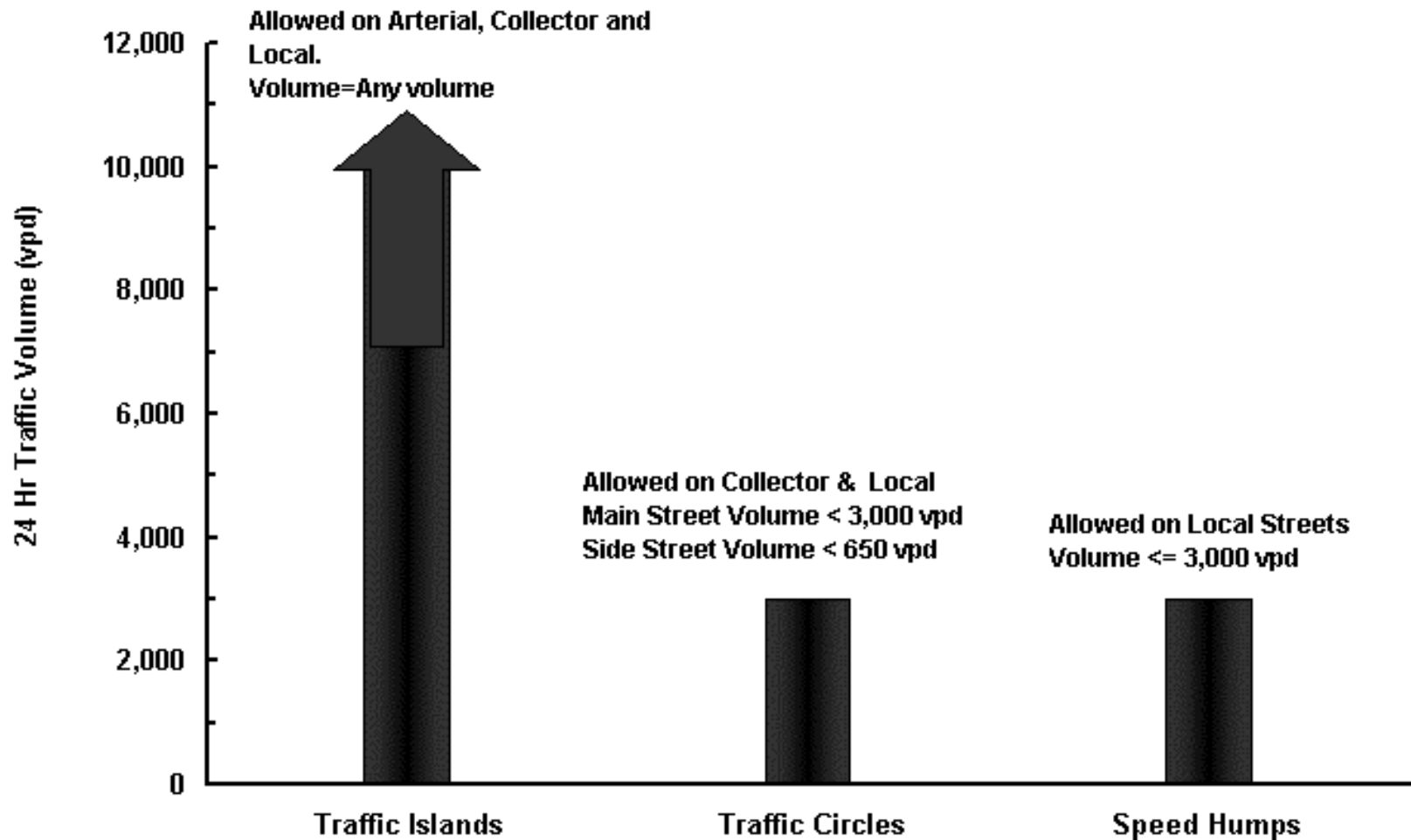
- Collector Streets on a case by case basis
- Fire Response Routes and Bus Routes a limiting factor
- Where Stop Signs or other signs not eligible

Hill Farms Neighborhood



# City of Madison Neighborhood Traffic Management Program

## Traffic Calming Devices Versus Traffic Volume



# Who's Involved?

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- Many Groups:

**Residents and Neighborhoods**

City Traffic Engineering -- Lead

City Engineering

City Police Dept., City Fire Dept,  
City Streets Division, Madison Metro,  
City Parking Division

and

**City Council and City Commissions**

# Traffic Calming Measures are Active Control Devices

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☛ Motorist Action Required

☛ Self Enforcing

☛ More Attractive

☛ Sustainable



# The “Process”



# Madison's "NTMP"

## Steps Required

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1. Petition of Support to enter into program
2. Annual Priority List (Citywide List), after petition of support
3. City Commission Approval of Top Projects for given year
4. Neighborhood Meeting for design options
5. Ballot of Residents for design choice
6. Construction, only after resident approval

# Project Specifics



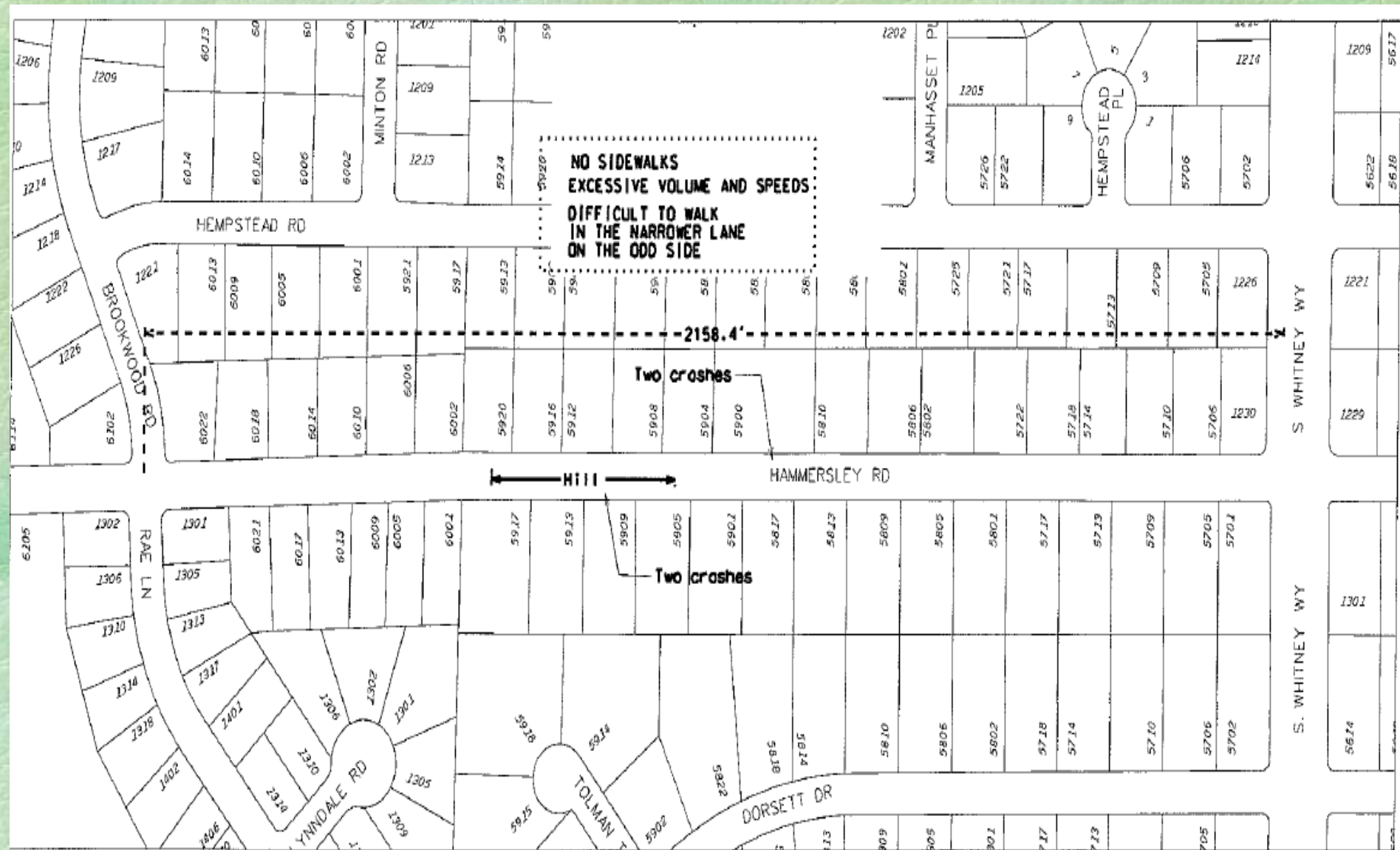


# Hammersley Road Traffic Calming Project

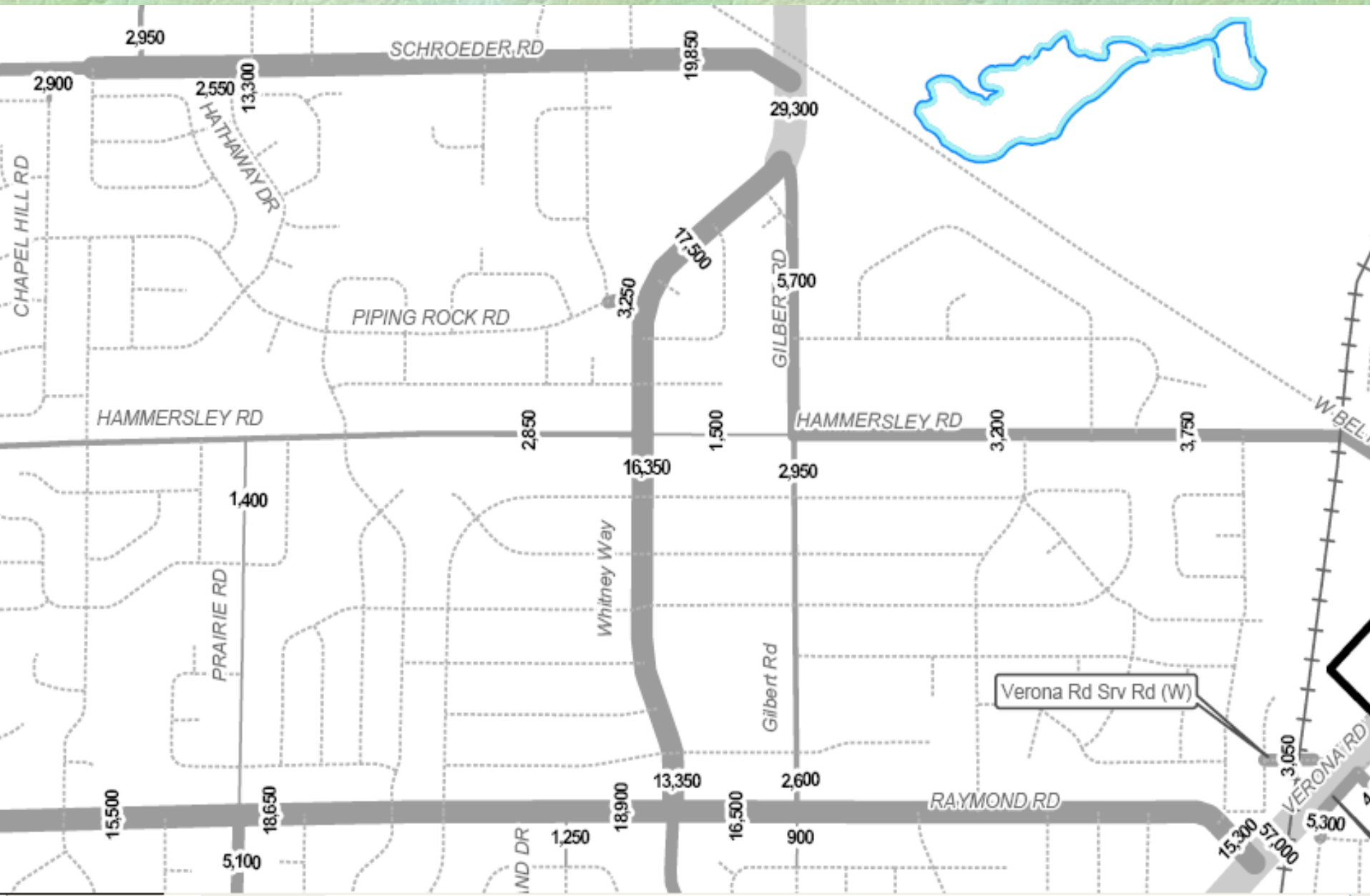
2005 Traffic Calming Project:

Hammersley Road  
(Whitney Way to Rae Lane/Brookwood Road)



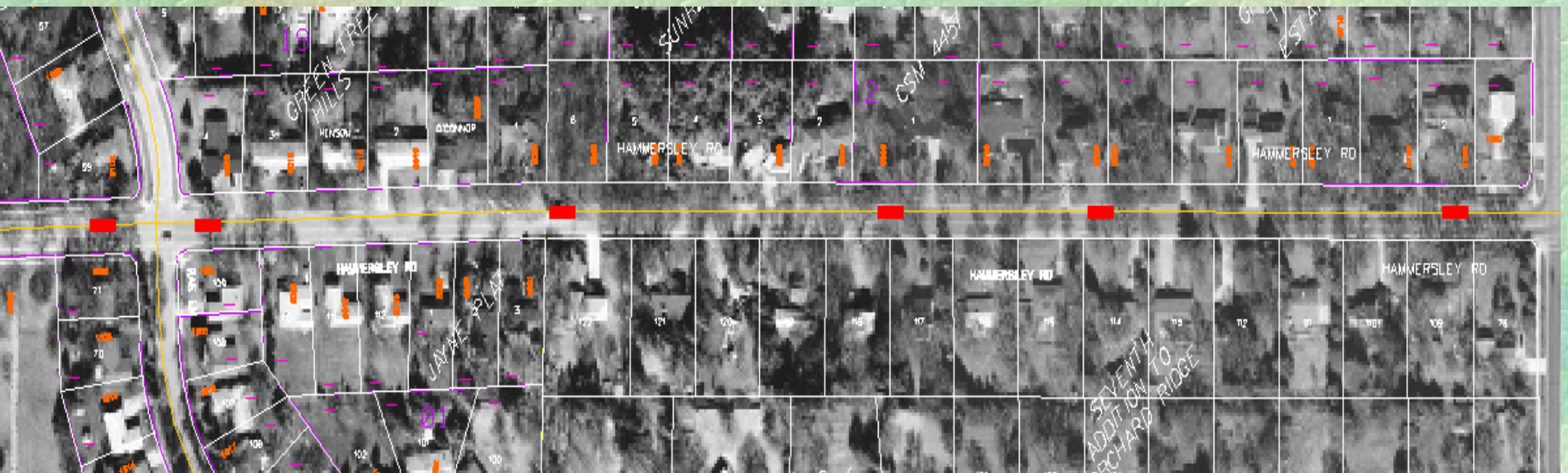
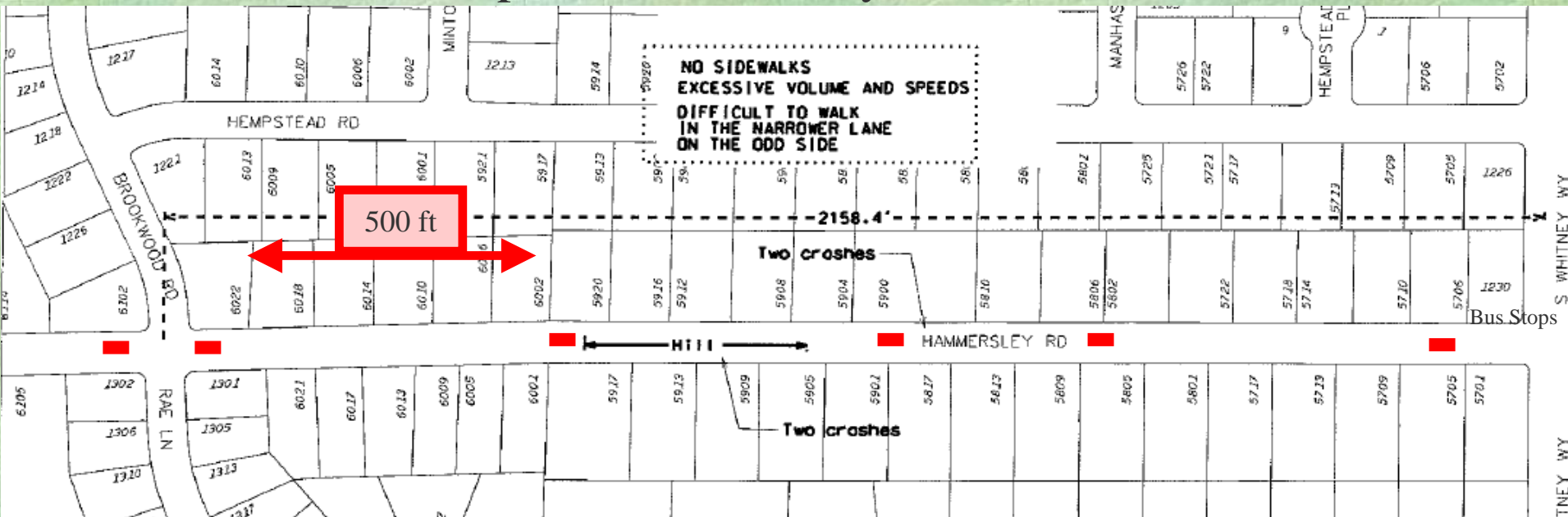


# Hammersley Road Traffic Data



# Potential Traffic Calming Plan—Series of Islands

Principle: No Driveways are to be blocked





- Calming Measures
- Library
- Discussions
- Seminar Materials
- Selected Reports
- Public Information
- Locations
- Other Links
- Home

## Traffic Calming Measures - Center Island Narrowing

### Description:

- raised islands located along the centerline of a street that narrow the travel lanes at that location
- sometimes called midblock medians, median slow points, or median chokers

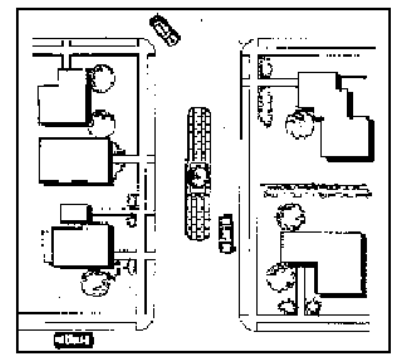
### Applications:

- are often nicely landscaped to provide visual amenity and neighborhood identity
- can help pedestrianize streets by providing a mid-point refuge for pedestrians crossings
- sometimes used on wide streets to narrow travel lanes
- work well when combined with crosswalks



### Potential Impacts:

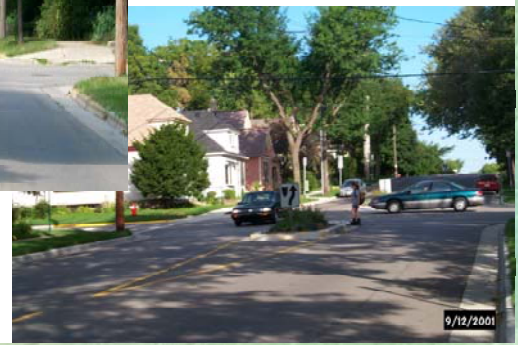
- may reduce parking and driveway access
- reduces pedestrian crossing width
- may visually enhance the street through landscaping but may also limit visibility of pedestrian crossings
- bicyclists prefer not to have the travel way narrowed into path of motor vehicles
- collision, speed and volume data are not available



### Emergency Response Issues:

- preferred by fire department/emergency response agencies to most other traffic calming measures

**Center Islands work by forcing a horizontal movement in the driver's path of travel, & breaking up a wide open, long street.**



1099 14th Street, NW  
 Suite 300 West  
 Washington, DC  
 20005-3438 USA  
 Phone: 202-289-0222  
 Fax: 202-289-7722  
 Send comments to:  
[website@ite.org](mailto:website@ite.org)

6/21/2007

**Center Islands work by forcing a horizontal movement in the driver's path of travel, & breaking up a wide open, long street.**



6/21/2007

9/12/2001

# *Traffic Islands*





Mason St



Farley Av

City of Madison  
Traffic Engineering  
Conceptual Traffic Island







HOME OPEN  
2nd Floor  
OPEN AUG 1  
800-451-1000





🐦 A series of pedestrian islands installed on N. Baldwin Street helps to slow traffic and provides pedestrians a crossing refuge.





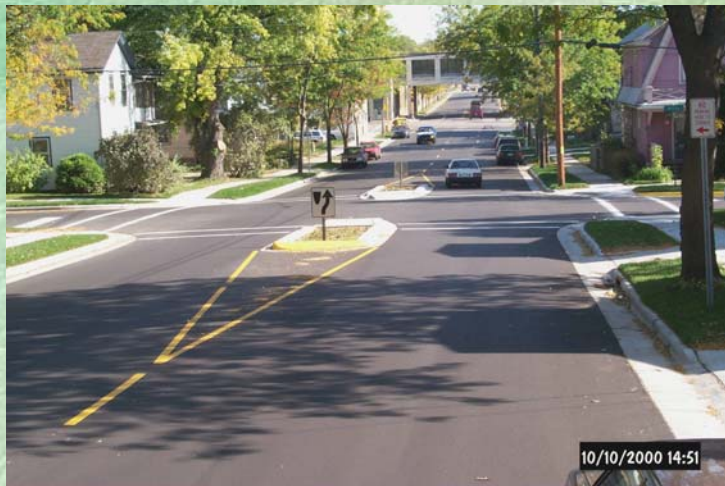
🐦 This island on Elder Place at Rosa Road serves as a gateway feature.

Drivers entering the neighborhood should change behavior, drive slower, and watch for pedestrians.

# Schools

Prairie Road  
& Williamsburg Way  
Huegel School

Center Traffic Island  
At Intersection  
of Two Collectors



# New Development

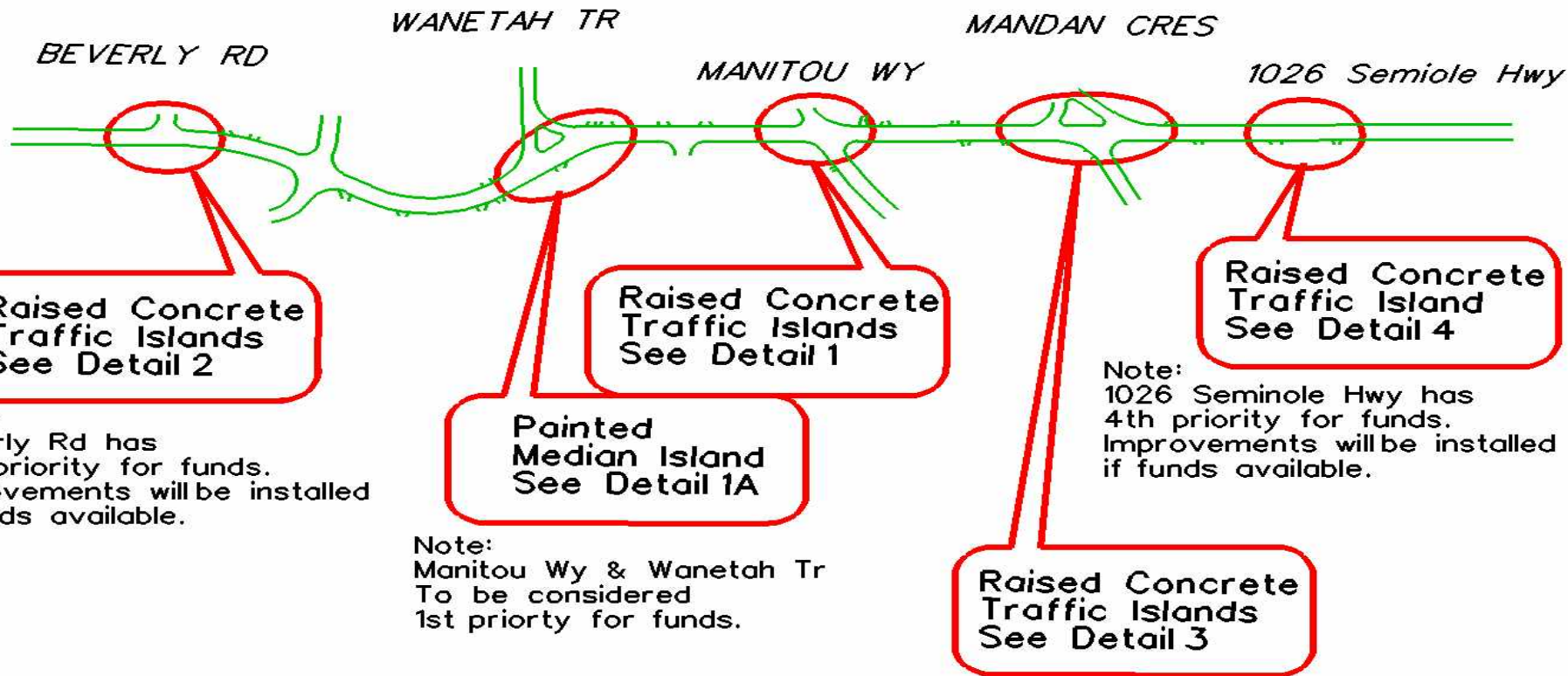
- Traffic Islands near City park (East Pass Rd.)



# Old Development

Series of Islands near UW Arboretum and Major Bike Route

## Seminole Hwy Improvement Project Overview



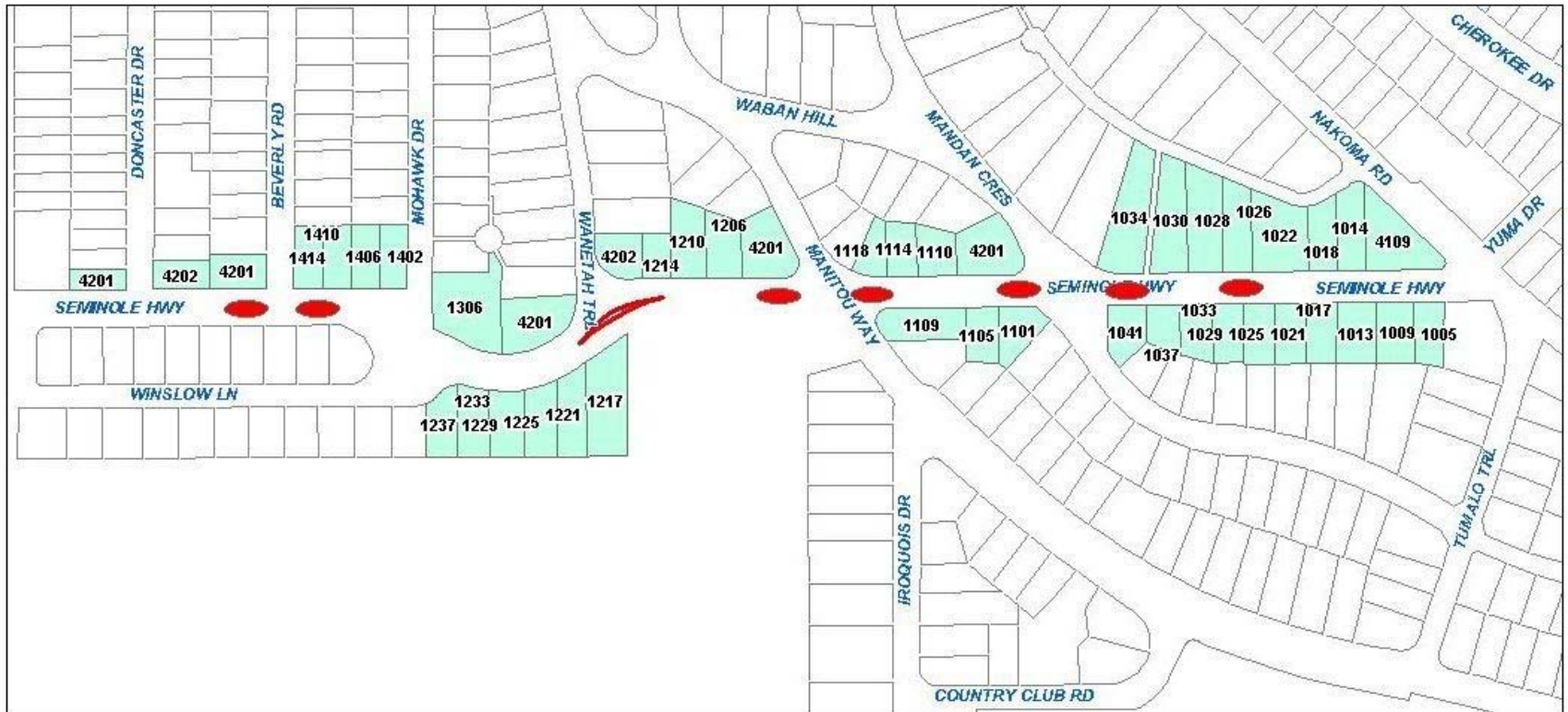
Note:  
Beverly Rd has  
2nd priority for funds.  
Improvements will be installed  
if funds available.




Note:  
Manitou Wy & Wanetah Tr  
To be considered  
1st priority for funds.

Note:  
1026 Seminole Hwy has  
4th priority for funds.  
Improvements will be installed  
if funds available.

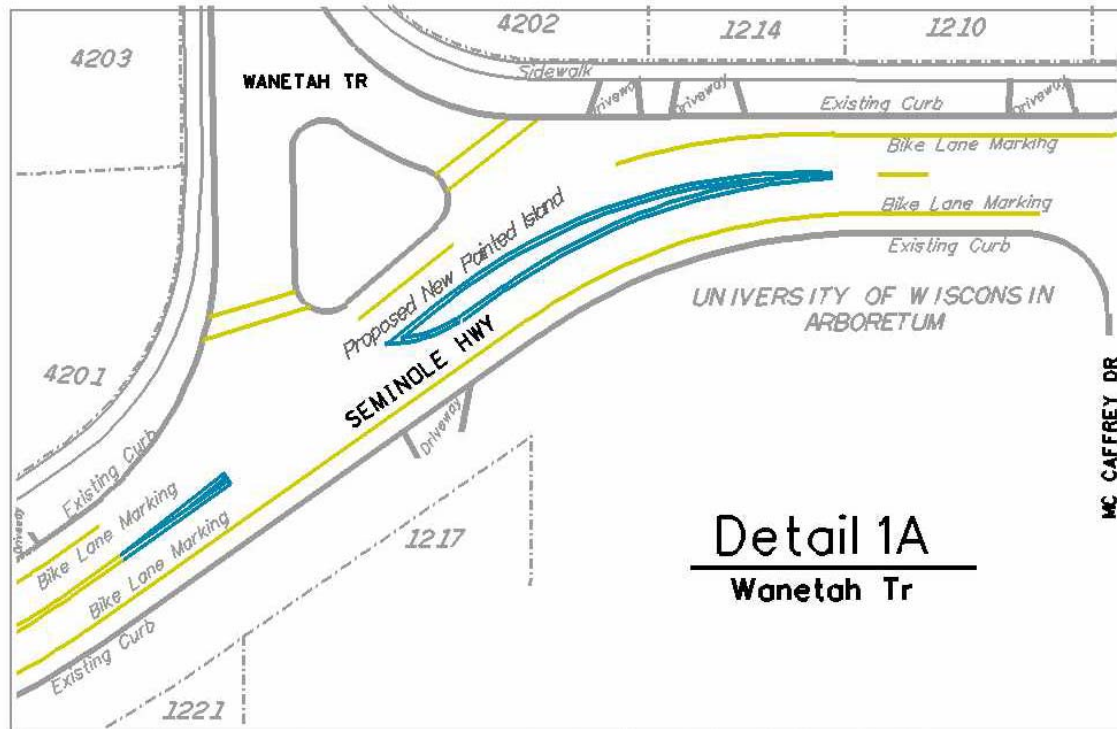
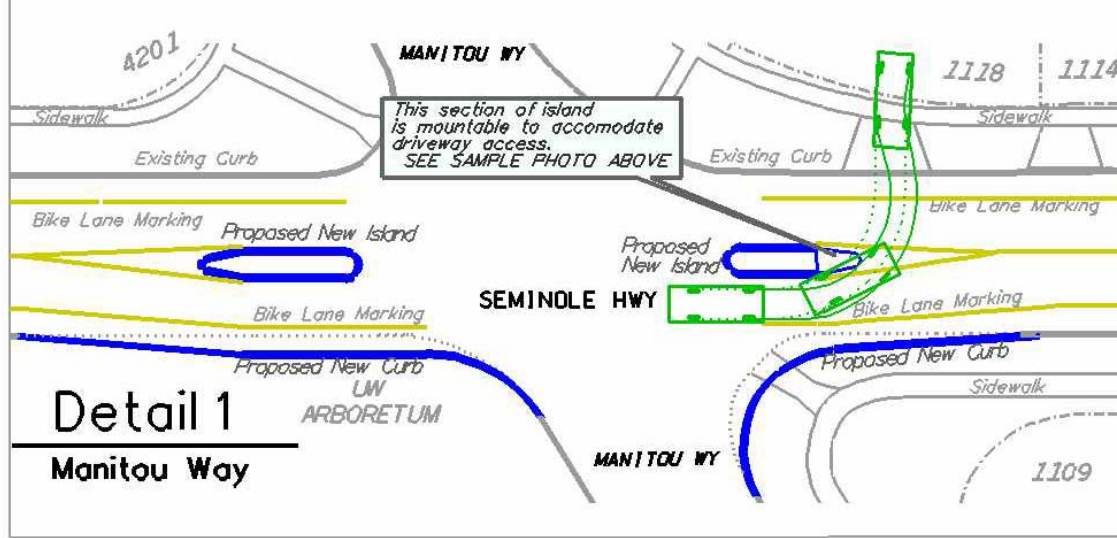
Note:  
Mandan Crescent has  
3rd priority for funds.  
Improvements will be installed  
if funds available.

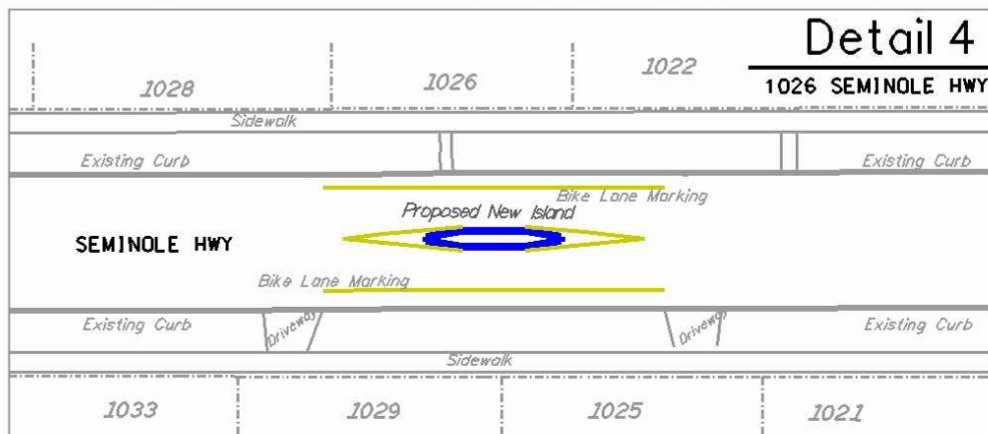
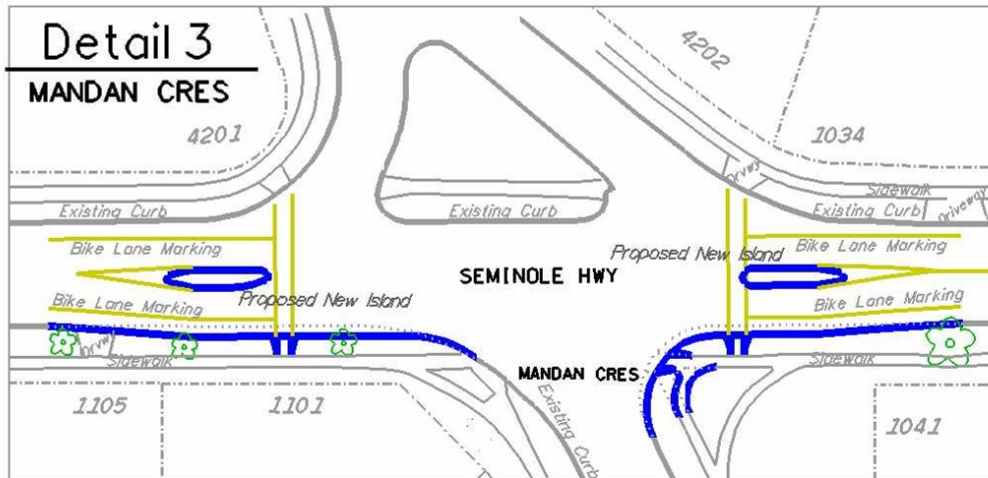
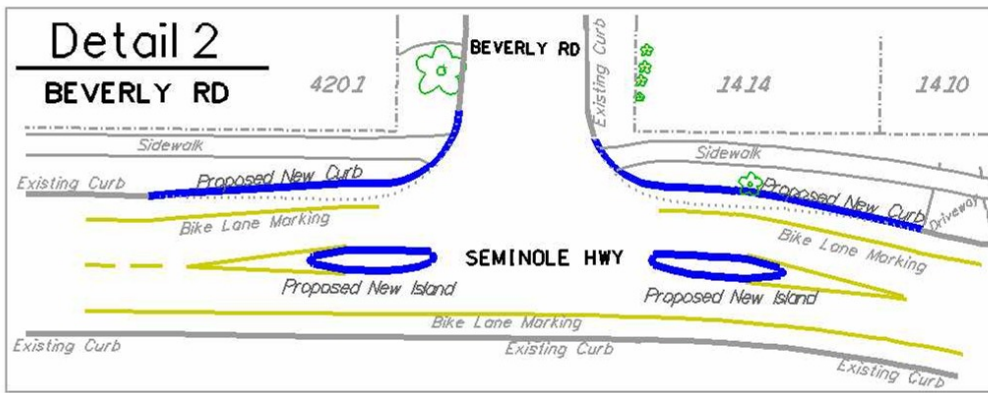
# Seminole Arterial Enhancement Ballot Area



-  Proposed Traffic Island
-  Proposed Painted Island
-  Balloted Residence







# Options

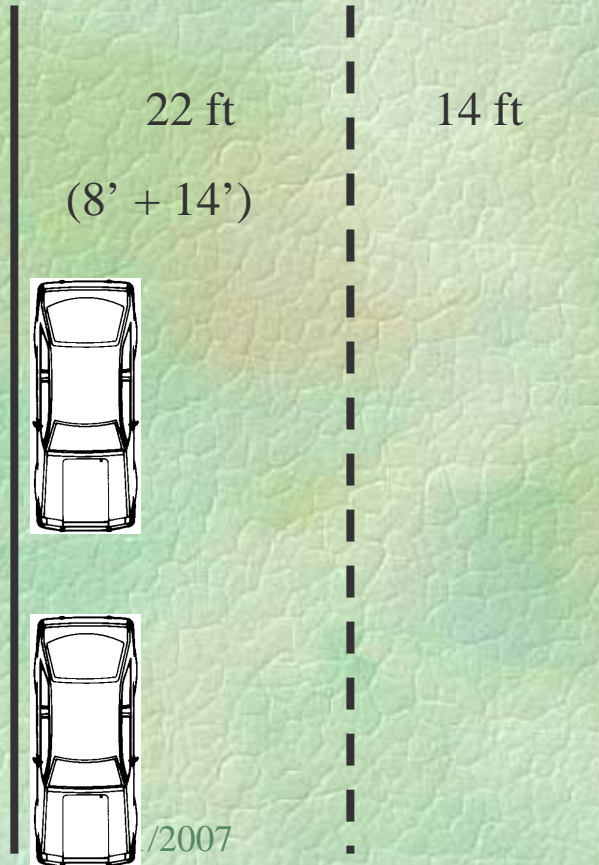


## Option 0:

### Existing Conditions

- Offset Centerline
- 2- 14 ft wide traffic lanes
- 8 ft parking on one side
- No dedicated bike lanes

# Options for Hammersley Road (Whitney Way to Rae/Brookwood)

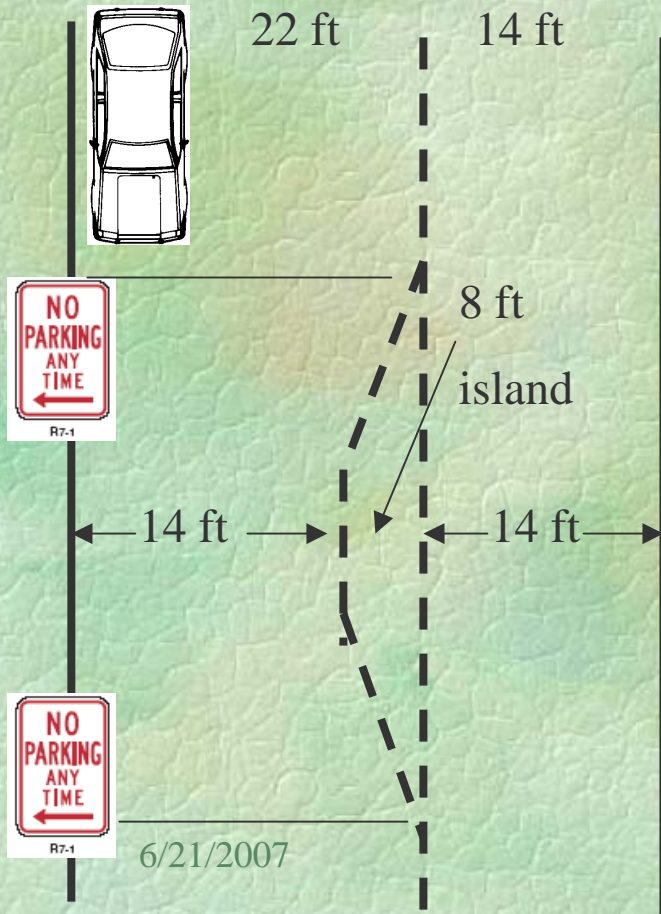


Option 1:

Existing Conditions – Plus Islands

- Offset Centerline
- 2- 14 ft wide traffic lanes
- 8 ft parking on one side
- No dedicated bike lanes

# Options for Hammersley Road (Whitney Way to Rae/Brookwood)



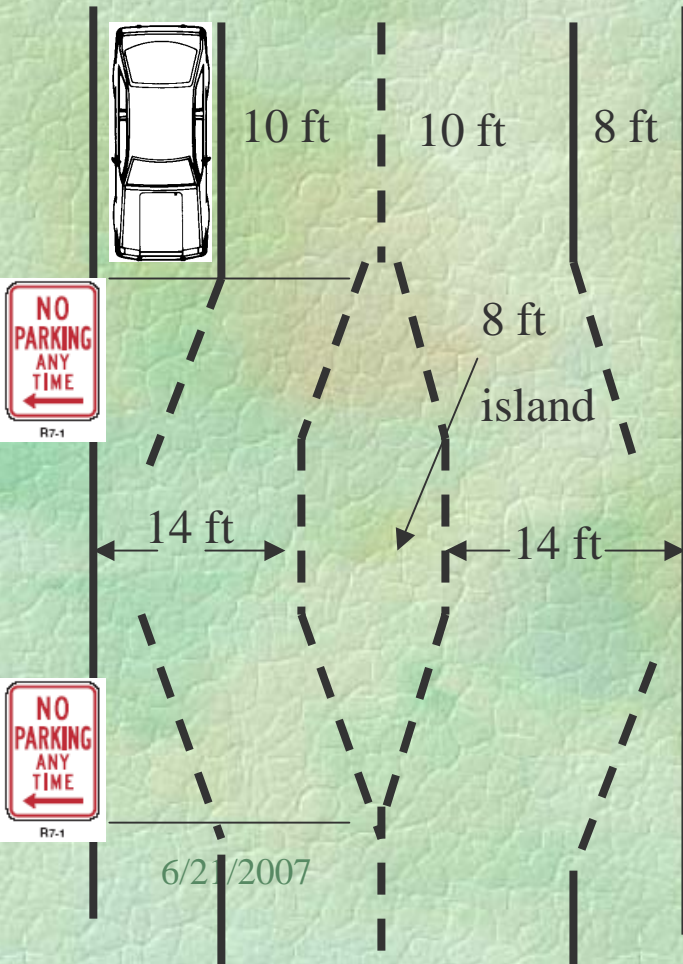
## Option 2:

### Revised Centerline – Plus Islands

- Remarked “Centered” Centerline
- 2- 10 ft wide traffic lanes
- 8 ft parking on both sides--marked
- No dedicated bike lanes

# Options for Hammersley Road (Whitney Way to Rae/Brookwood)

Selected Option at Neighborhood  
Meeting of 7/20/2005

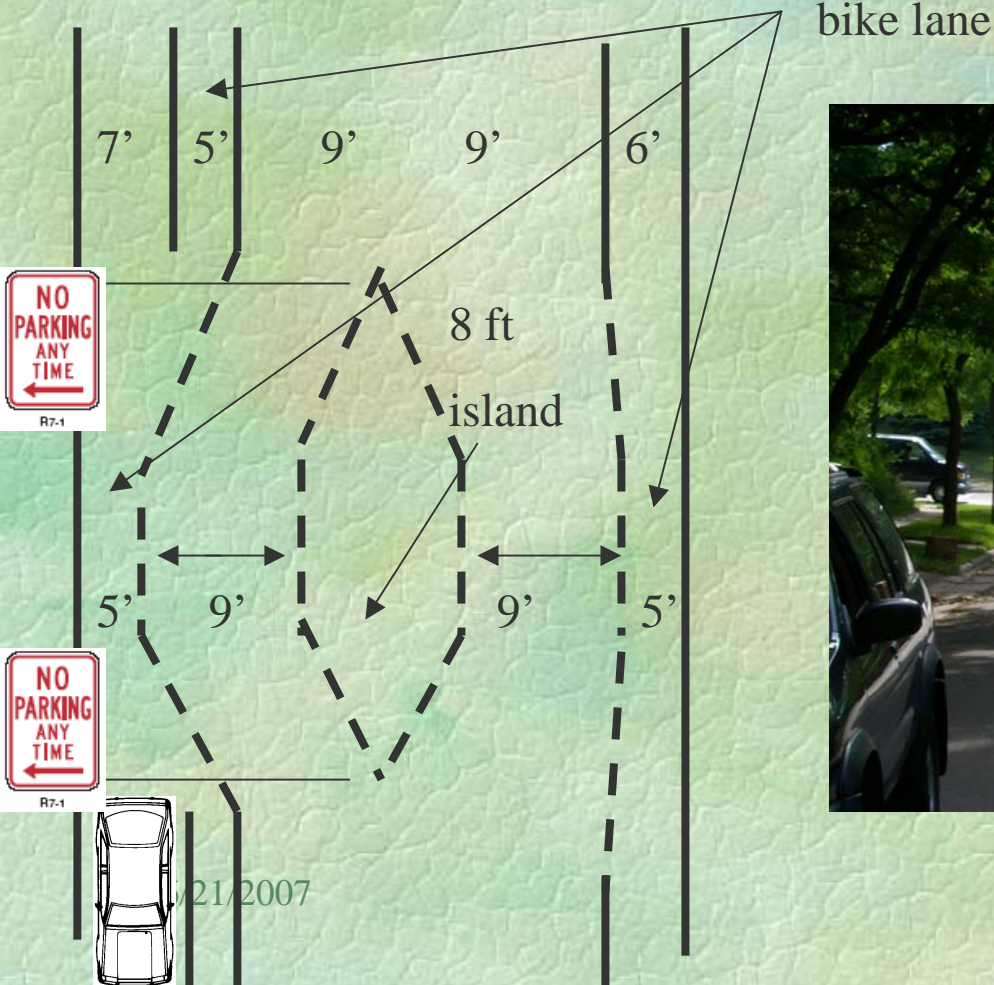


Option 3 (Modified Odana):

Revised Centerline – Plus Islands

- Un-Marked “Offset” Centerline
- 2- 9 ft wide traffic lanes
- 7 ft parking on one side--marked
- Dedicated marked bike lanes

# Options for Hammersley Road (Whitney Way to Rae/Brookwood)









NO  
PARKING  
THIS  
SIDE











59  
TO BUNNELL

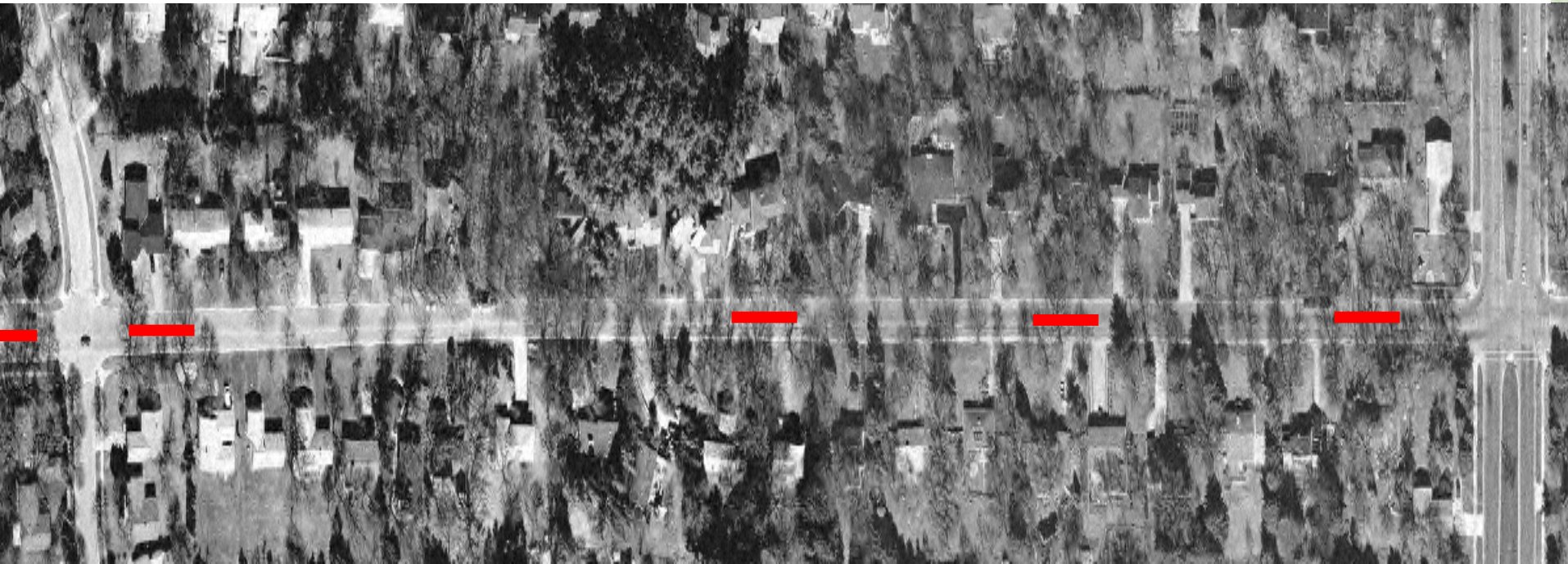
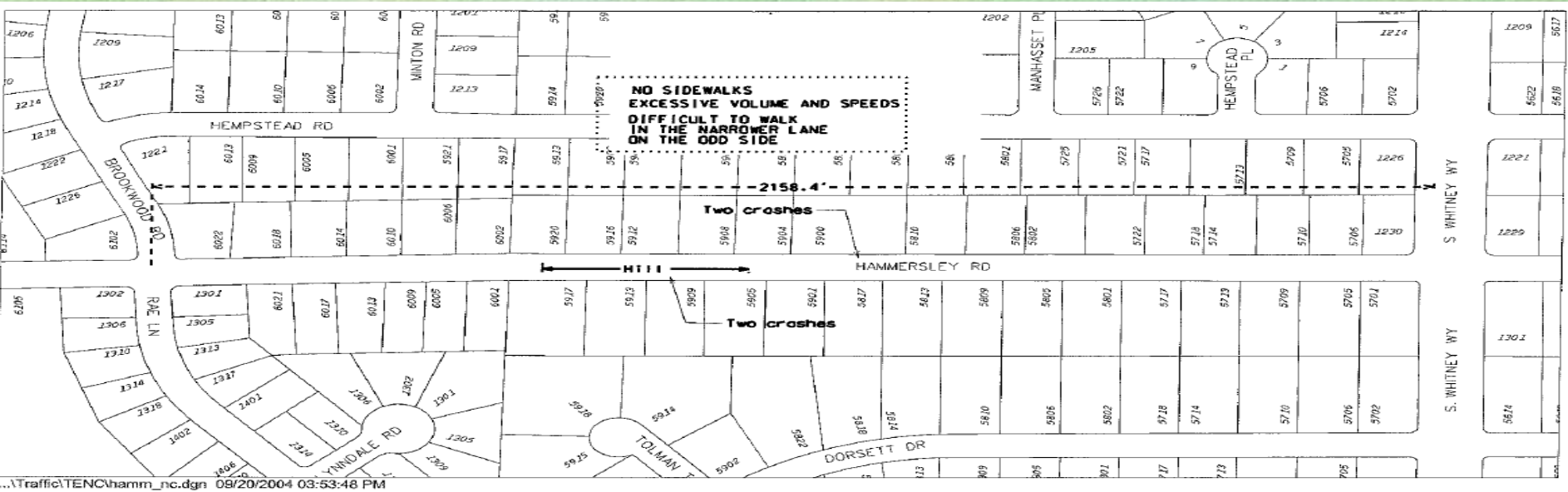
5904





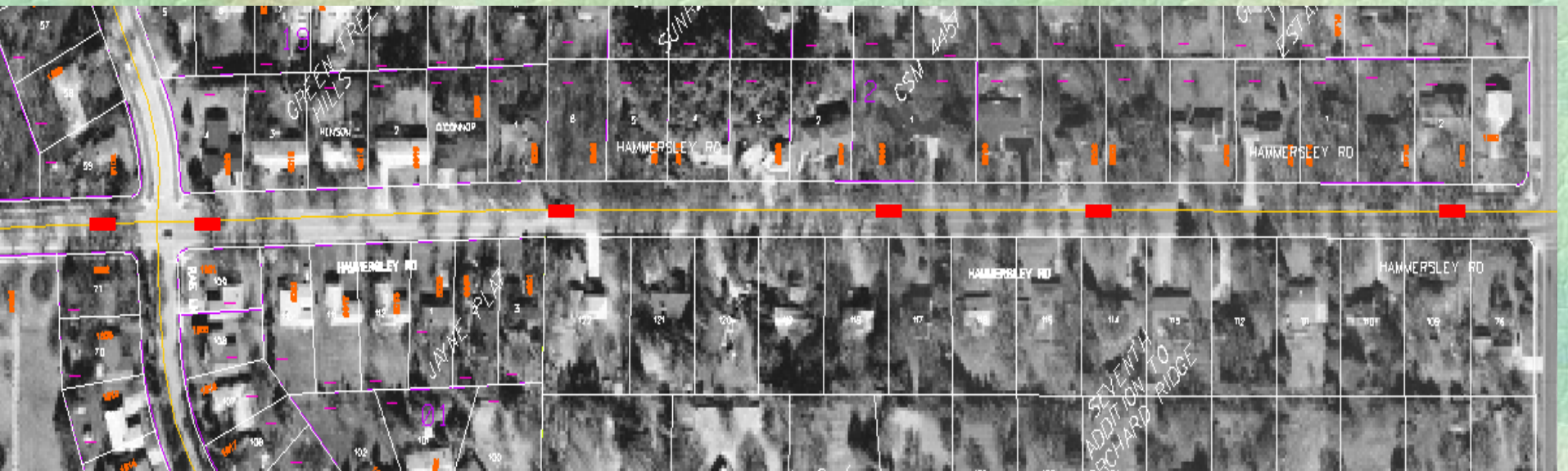
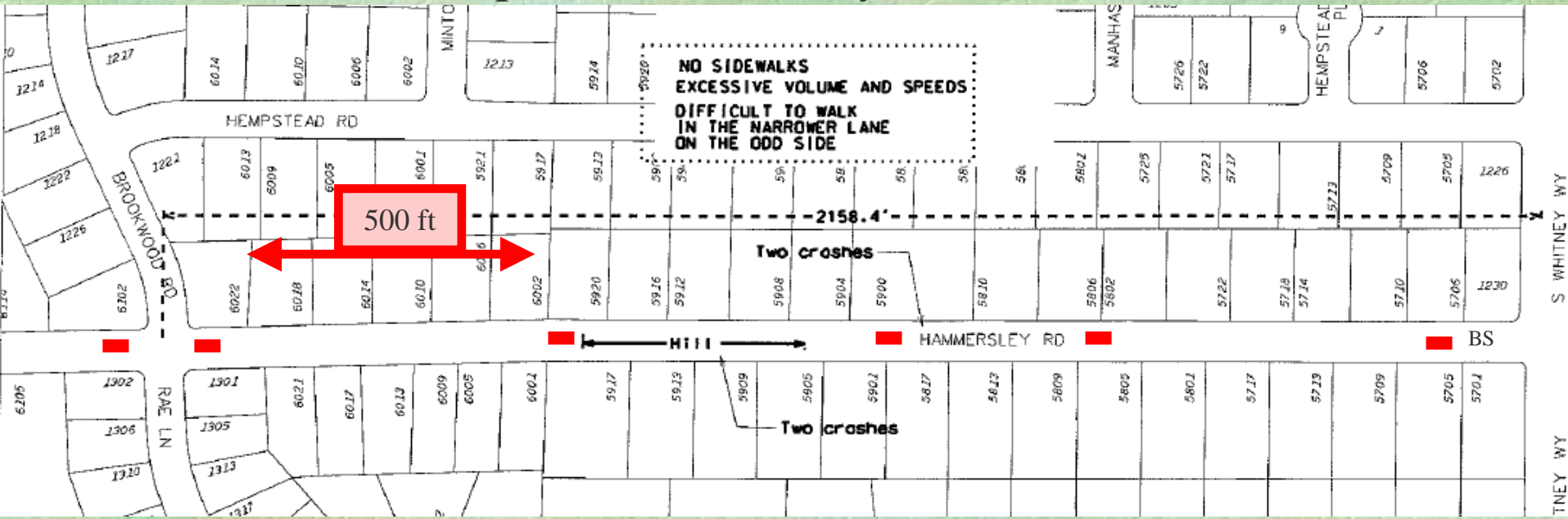


# Potential Plan—Series of Islands

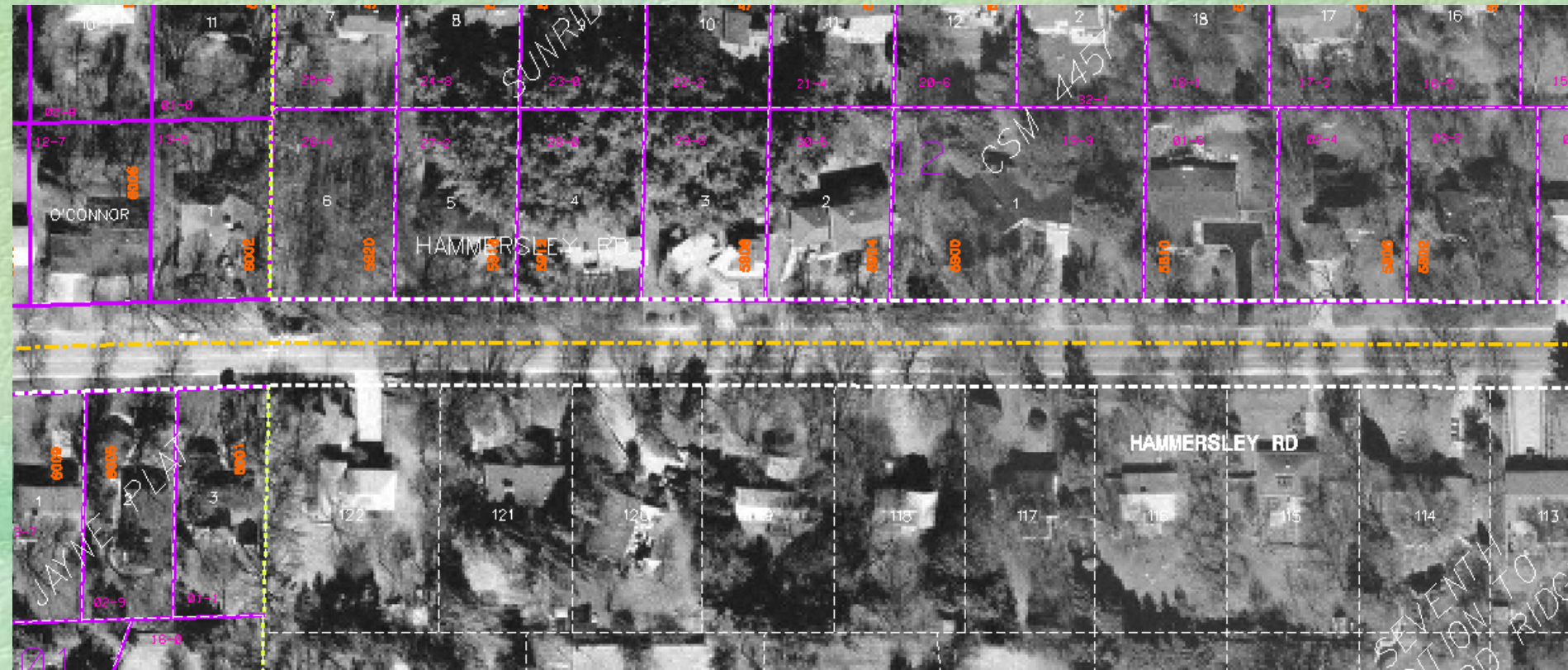


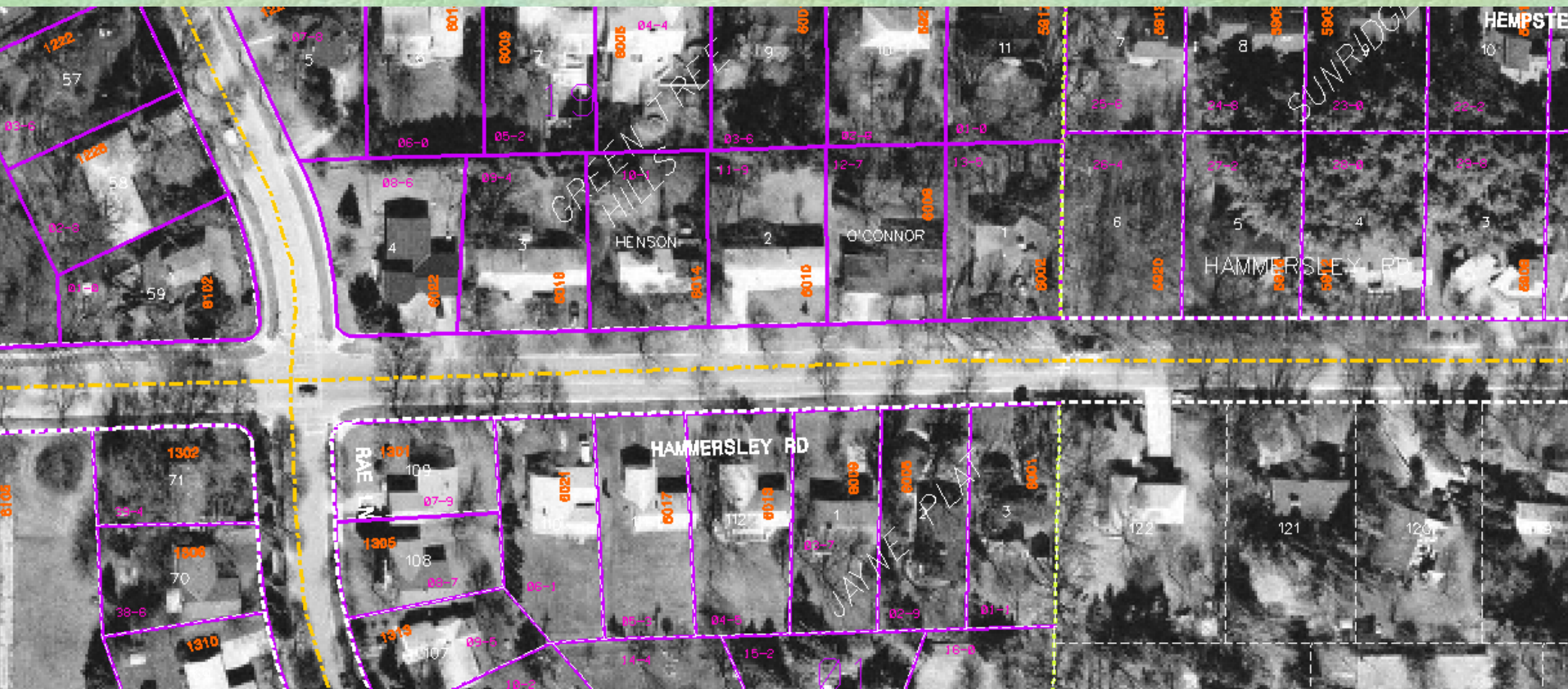
# Potential Plan—Series of Islands

Principle: No Driveways are to be blocked









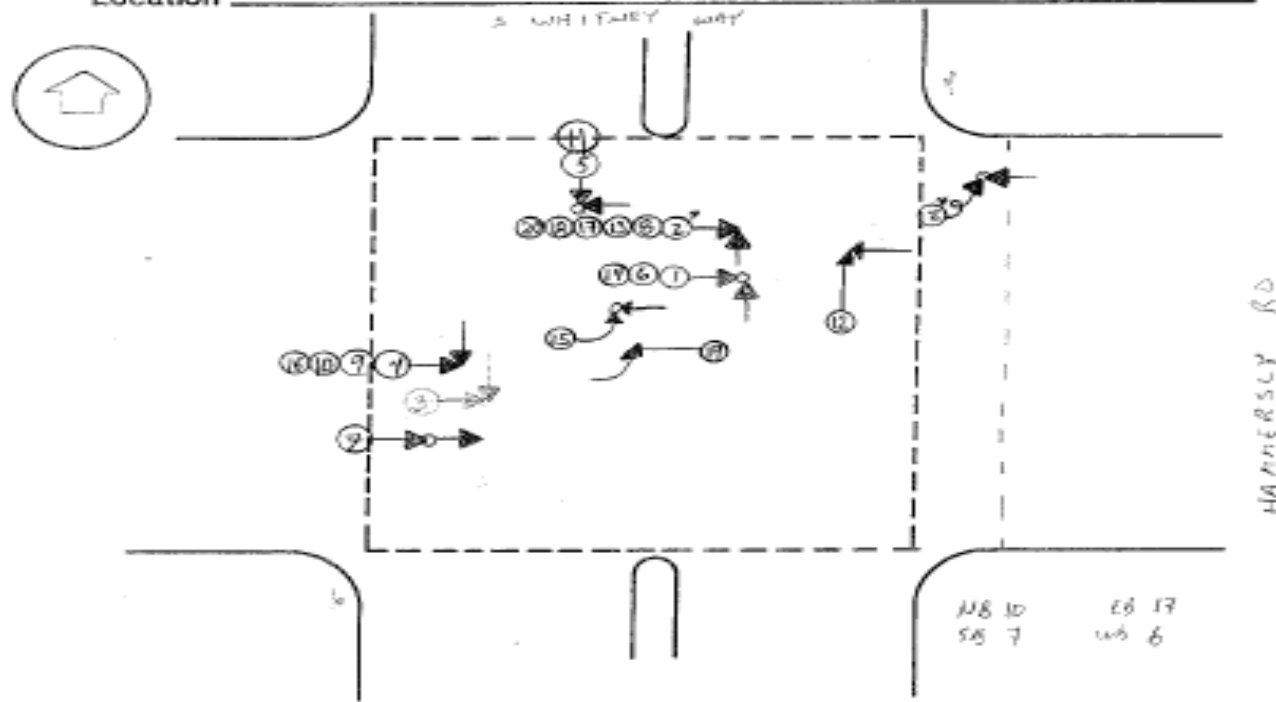
# **Intersection of Whitney Way & Hammersley Road**

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Division of Traffic Engineering  
Madison, Wisconsin  
Accident Summary Sheet

Location HAMMERSLEY RD @ S WHITNEY WAY



#	Date	Time	K	I	Sev.	L	W	R	#	Date	Time	K	I	Sev.	L	W	R
1	2-26-00	0928	0	2	2/4	D	C	W	11	3-24-03	1547	0	3		D	C	D
2	8-11-00	1622	0	0	3/3/0	D	C	D	12	4-7-03	0834	0	0		D	Sh	Sh
3	10-23-00	1032	0	2	3/3	D	R	W	13	5-5-03	0636	0	0		D	R	W
4	1-19-01	1330	0	0	4/4	D	C	D	14	7-2-03	1304	0	1		D	C	D
5	2-21-01	1804	0	2	3/3	N	C	D	15	3-29-04	0737	0	1		D	C	D
6	9-22-01	1215	0	2	4/4	D	C	D	16	10-18-04	2319	0	0		N	R	W
7	5-07-02	0745	0	1	2/3	D	C	D	17	11-29-04	1027	0	0		D	C	D
8	6-28-02	1639	0	0	3/3	D	C	D	18	1-9-05	1313	0	0		D	C	W
9	10-9-02	1820	0	0	4/4	D	C	D	19	2-7-05	1735	0	0		D	C	W
10	1-6-03	1524	0	0		D	C	D	20	2-10-05	0712	0	0		D	C	W

6/21





SPEED  
LIMIT  
30

30

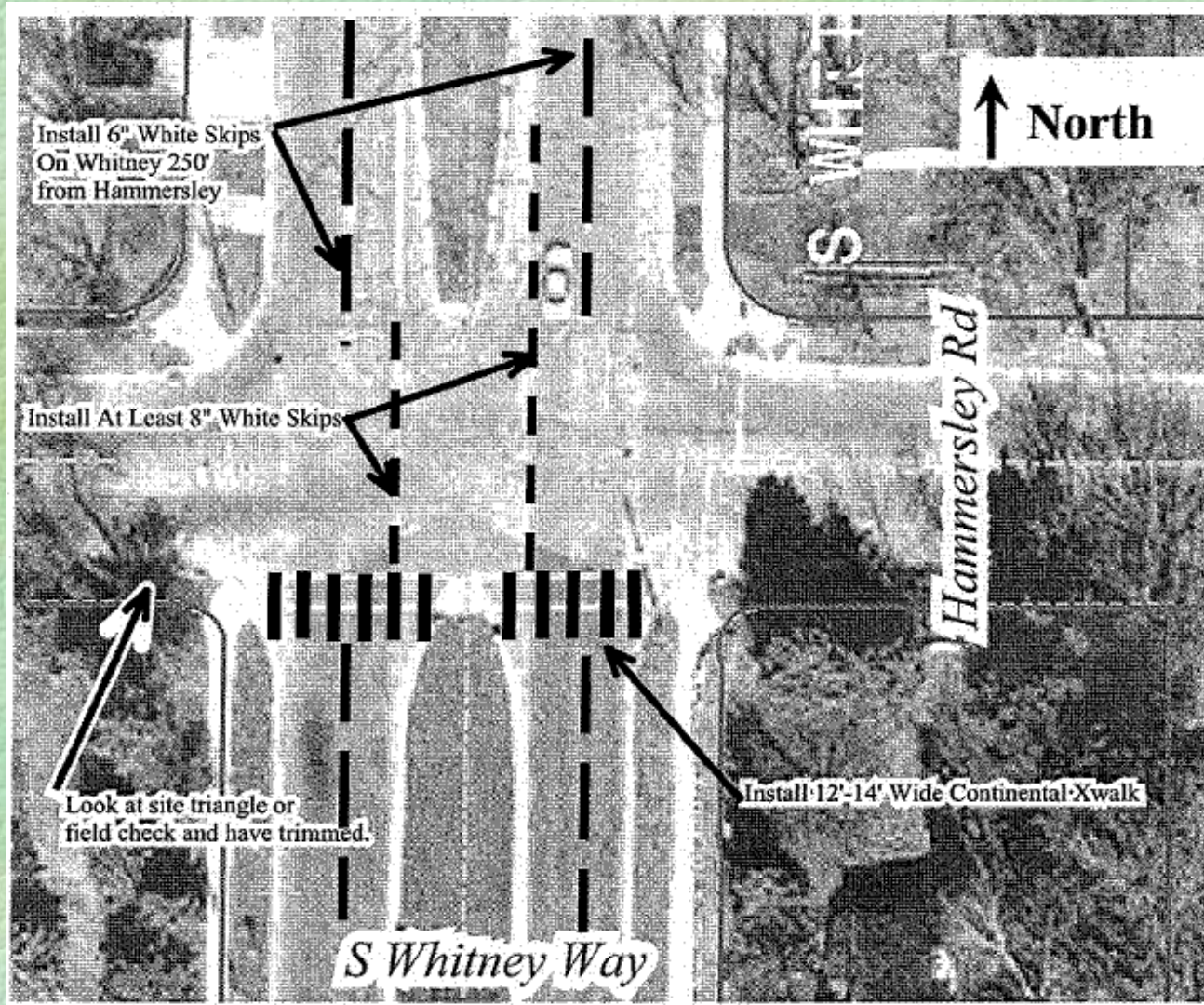
Hammersley Rd





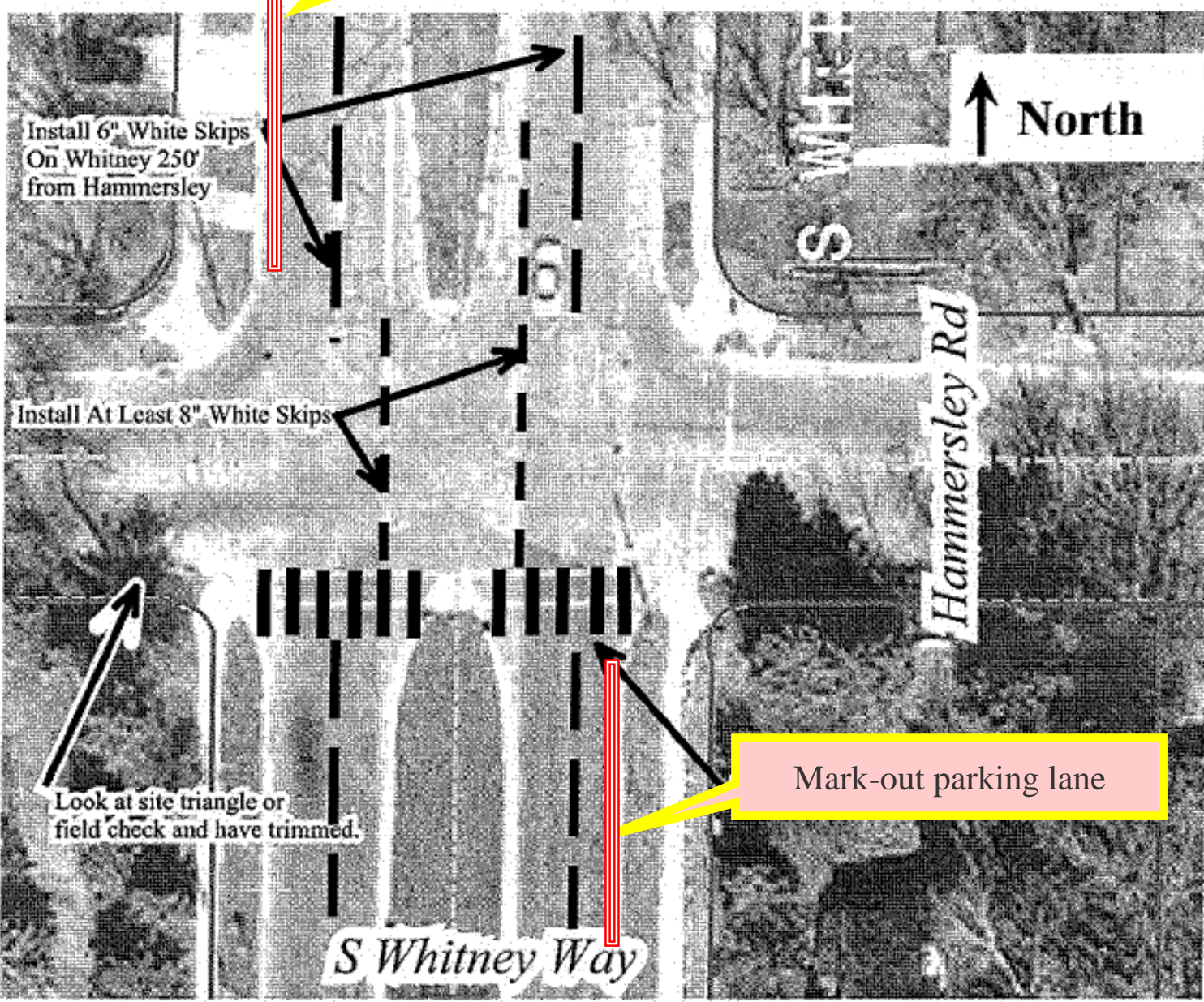


# What to do?



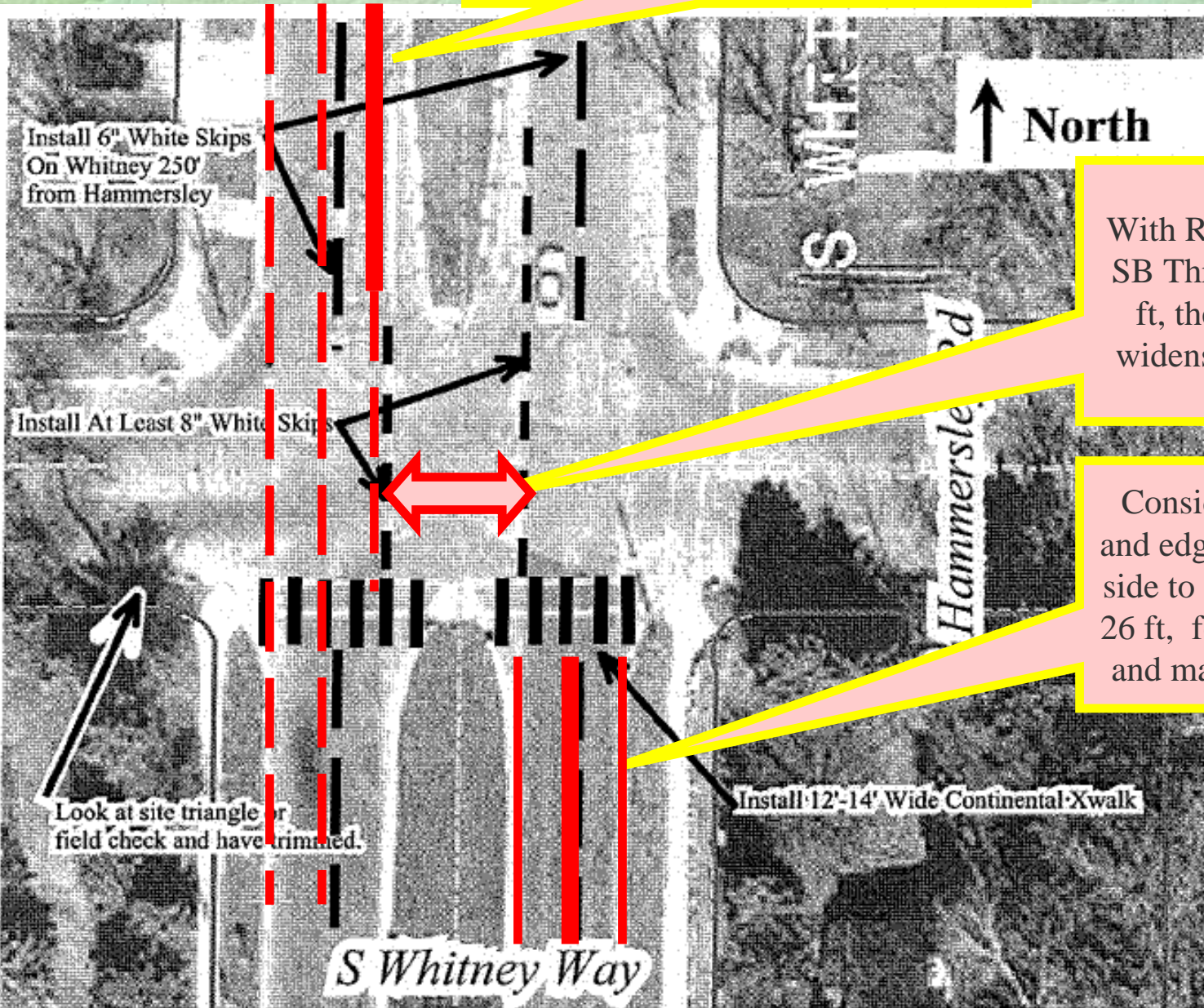
Suggestions from  
Neighborhood meeting  
6/9/2005

Mark-out parking lane



Shift Through Lanes to get wider median crossing:  
13 ft – 11 ft- 8 ft = 32 ft total

Potential Options 10/25/05  
DJM



With Revised Markings on SB Thru Lanes to 13-11-8 ft, the median crossing widens from 30 ft to 36 ft

Consider adding solid lane and edgeline markings on NB side to “narrow” the existing 26 ft, focus driver’s attention and maintain lane discipline





7/20





7/20

# Sources of Information

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- ☛ **City of Madison Traffic Engineering**  
**266-4761 [www.cityofmadison.com](http://www.cityofmadison.com)**
- ☛ **Institute of Transportation Engineers**  
**website: [www.ite.org/traffic/index.html](http://www.ite.org/traffic/index.html)**

# Questions?



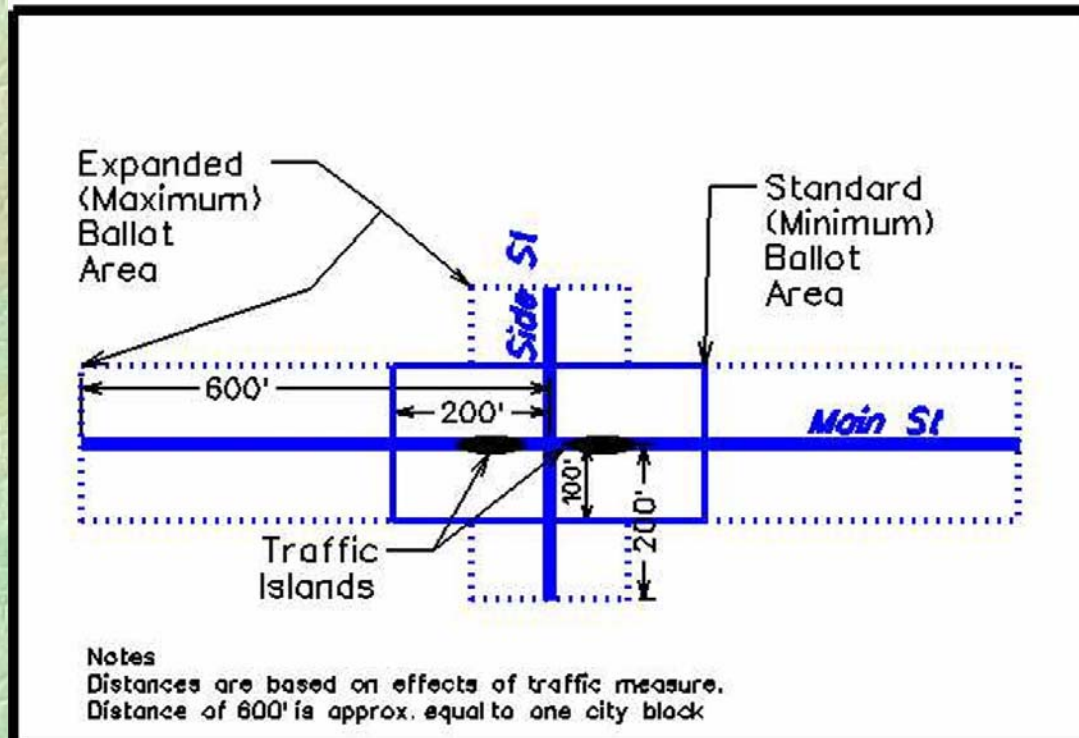
City Traffic Engineering Division: 266-4761

<http://www.cityofmadison.com/transp/ntmpfaq.html>

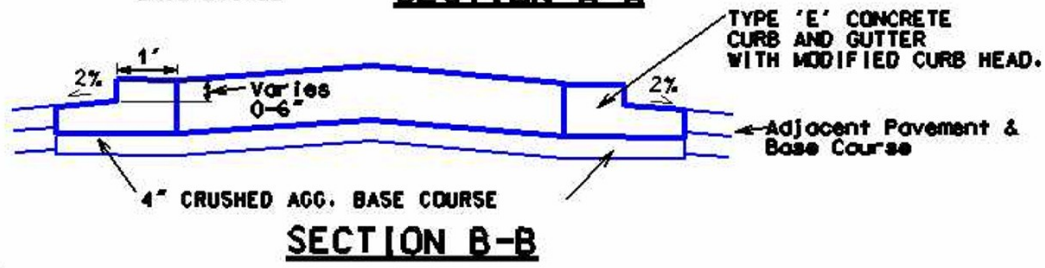
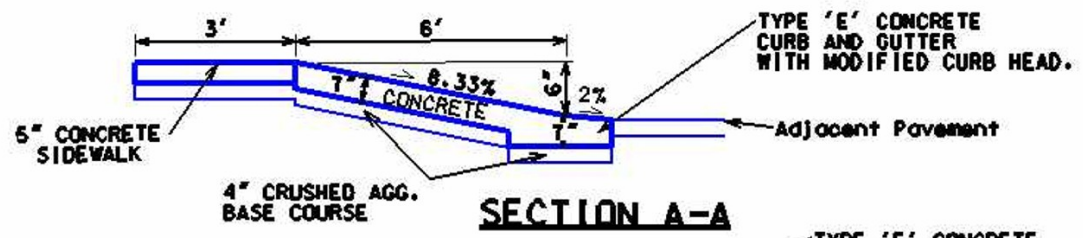
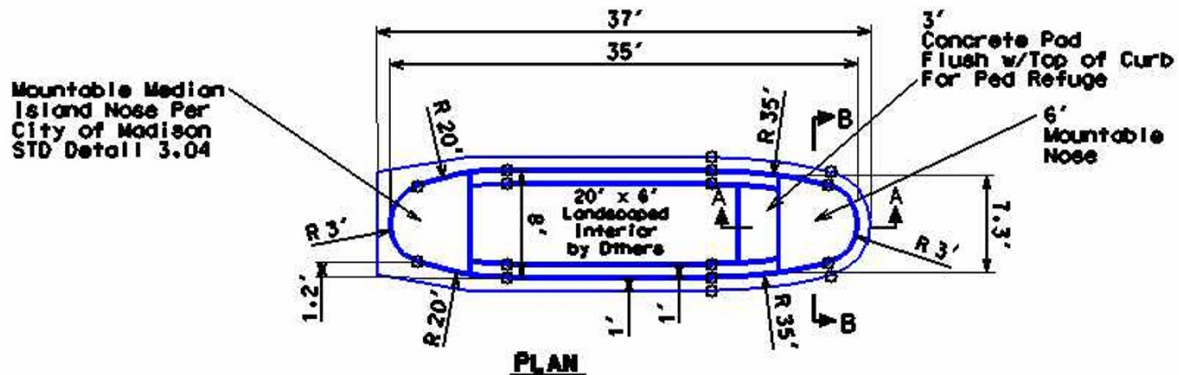


# Ballot Area Defined Based on Area of Influence of Device, Parking Impacts

## Proposed Ballot Area for Traffic Islands



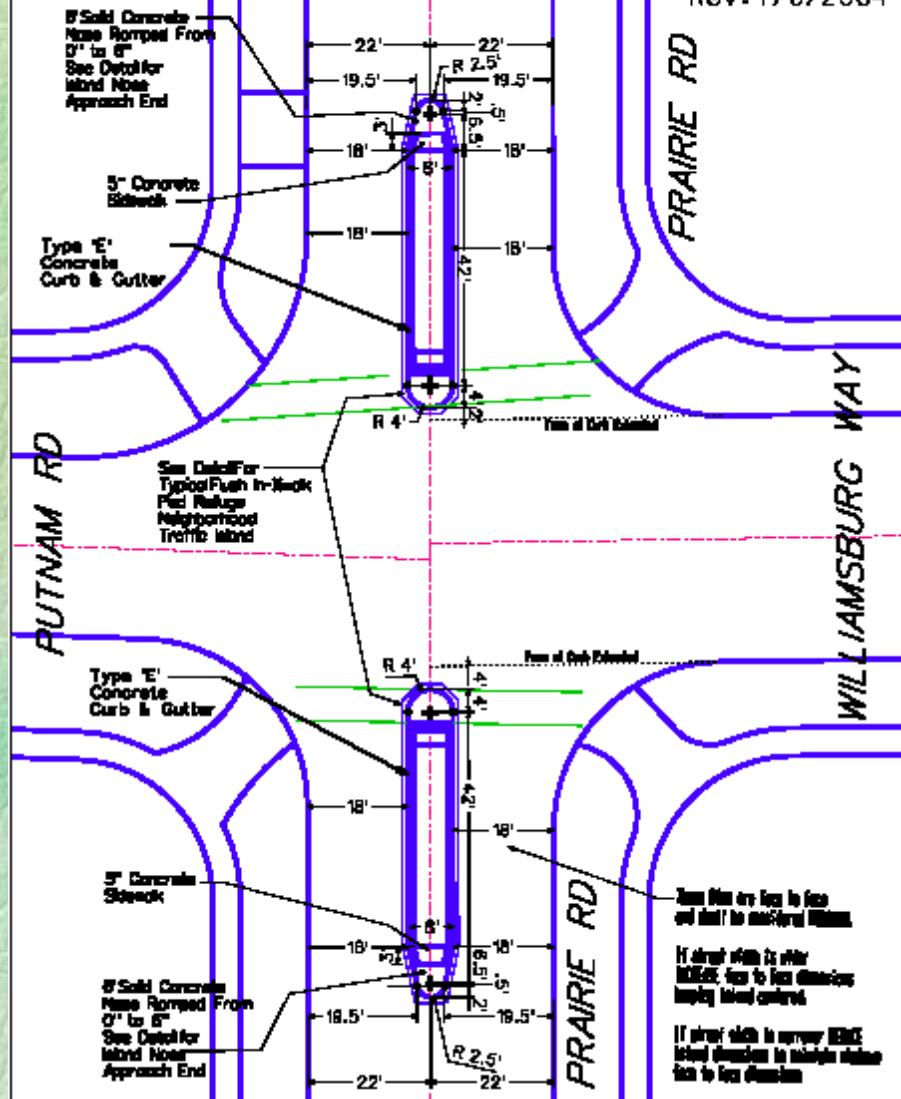
# Standard Plans and Specs



Typical Neighborhood Traffic Island Detail

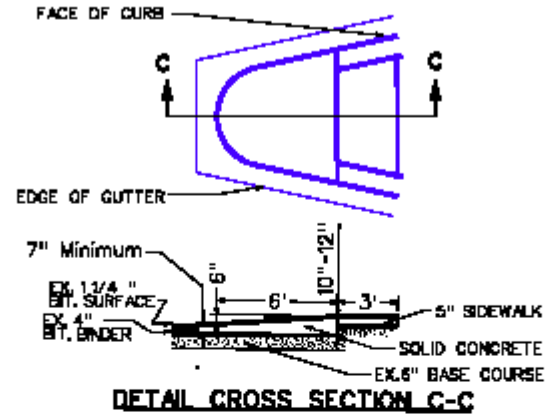


**Prairie Rd Islands**  
 7/1/2004  
 Rev. 7/6/2004



**ISLAND NOSE  
 (APPROACH END)**

7/1/2004  
 Rev. 7/6/2004



**DETAIL CROSS SECTION C-C**

**Typical Flush In-Xwalk  
 Ped Refuge  
 Neighborhood  
 Traffic Island Detail**

