Park Point Small Area Plan

Thoughts on Transportation

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Metropolitan Interstate Council

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Photo by Maureen Maloney

Public Streets

Streets are public right-of-ways that are maintained for all users, including vehicle drivers, freight movers, pedestrians, bicyclists, and transit users.

Within the public right-of-way space should be dedicated for all users where feasible.

- Driving lane
- Parking lane
- Bike lane
- Sidewalk
- Boulevard
- Bus pull-outs

Complete Streets and Context Sensitive Solutions

Considers all users and the context of the area the road goes through.

What are the "Context" of Park Point Streets

Primary Route – Lake Ave S and Minnesota Ave

- Land uses served: residential, recreation and some commercial.
- Collector route to Canal Park, I-35 and downtown.
- Recreation route – bikes, roller bladers/skiers, runners and walkers.

Current Conditions

Average Annual Daily Traffic (AADT)

Sidewalk Conditions

Right-of-Way Width

Roadway Cross Section

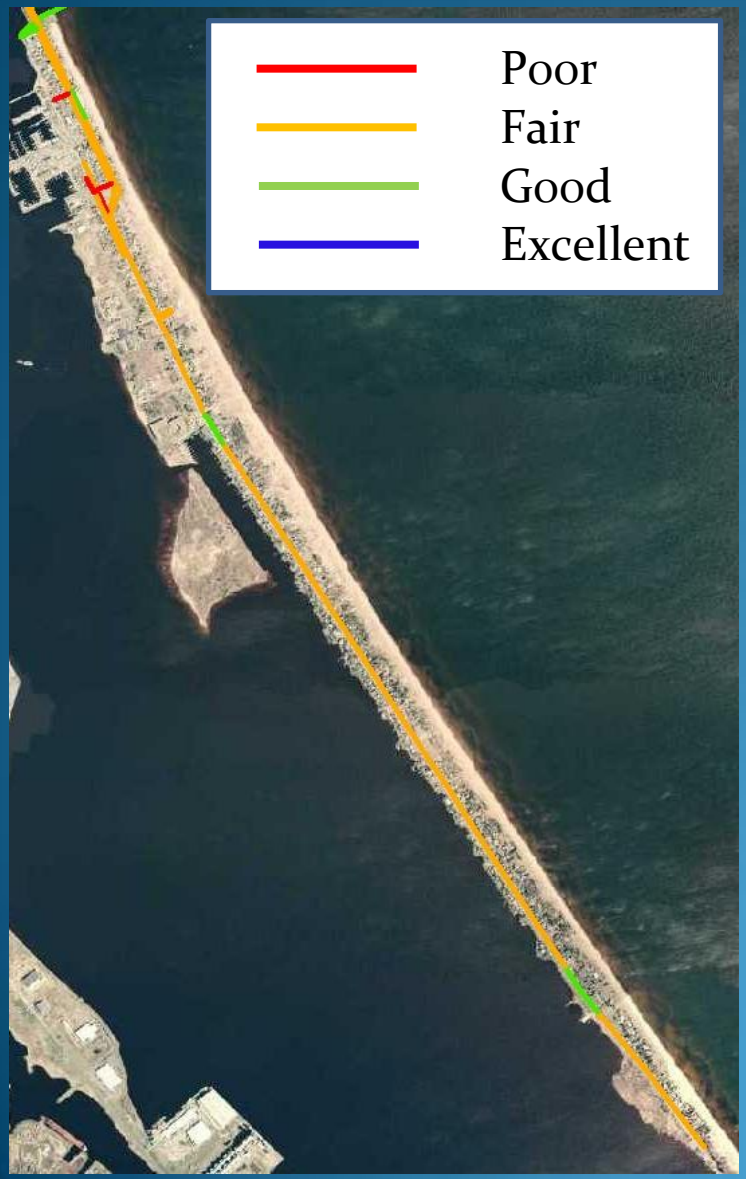
Traffic Counts*

Annual Average Daily Traffic (AADT), a theoretical estimate of the total number of vehicles using a specific segment of roadway (in both directions) on any given day of the year.

Variability can be caused by construction or closure of a trip generating business or facility.

*Source: MnDOT Traffic Forecasting and Analysis Website

Sidewalk Condition



Sidewalk widths are generally 4ft

Condition information was collected in summer & fall of 2011

Right-of-Way 60 ft

Street Cross Section – 44 ft curb to curb

- 11 ft Parking Lane – West side
- 11 ft Driving Lanes (2)
- 11 ft Bike Lane – East side

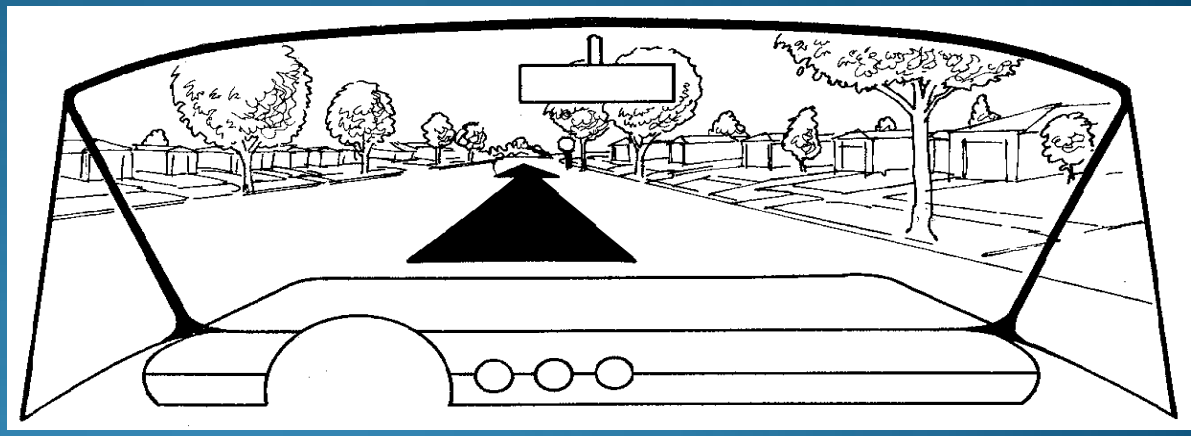
Traffic Calming

Traffic calming involves changes in street alignment, installation of barriers, and other physical measures to reduce traffic speeds and/or cut-through volumes, in the interest of street safety, livability, and other public purposes.

Planners and engineers must look at the transportation system as a whole for the area or community.

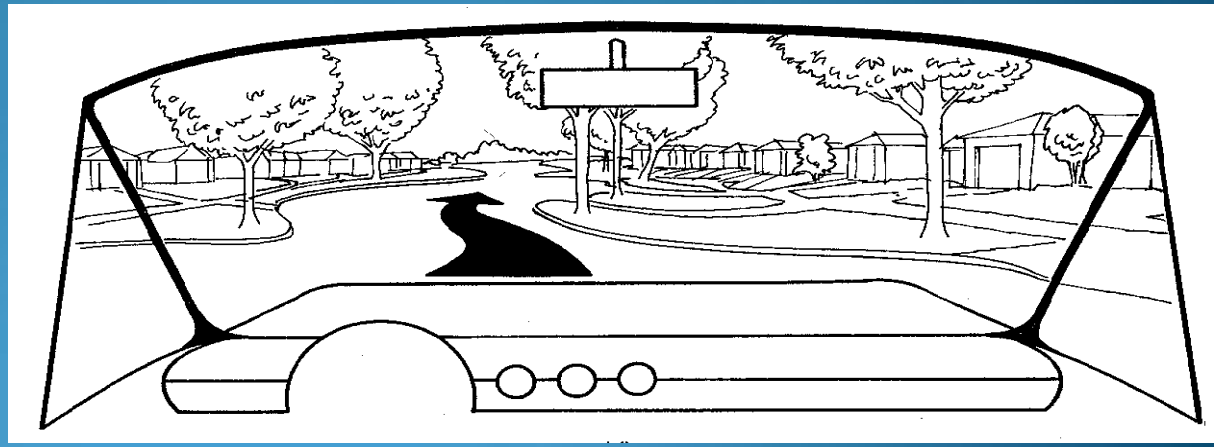
Traffic Calming

Interruption of sight lines is a critical component of most traffic calming strategies.



<u>Sight Line Interruption</u>

- causes motorists to slow
- widen their field of vision
- become more aware of pedestrians and bicyclists



Traffic Calming

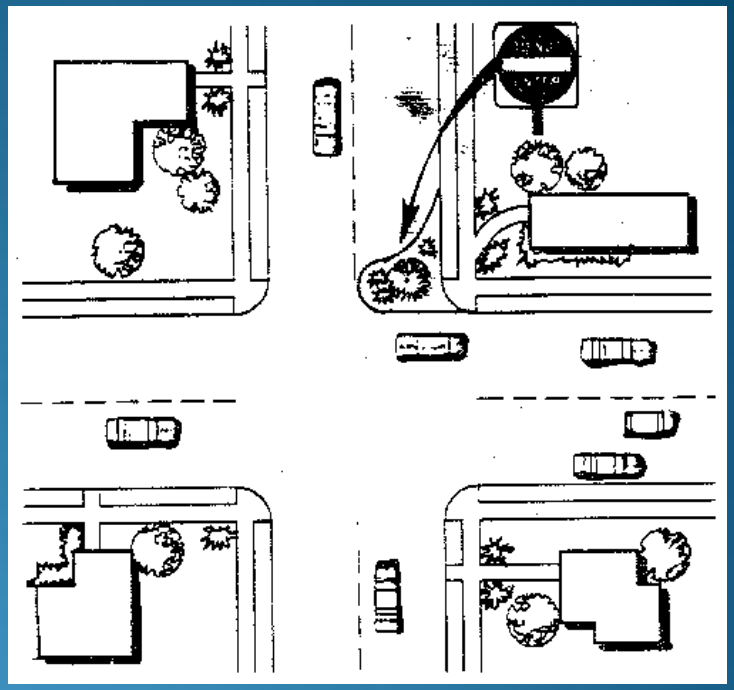
Raised or Textured Crosswalks

Crosswalks that are raised like a speed bump and/or textured or colored differently than the surrounding pavement.

Traffic Calming

Half Closure

Barriers that block travel in one direction for a short distance on otherwise two-way streets.

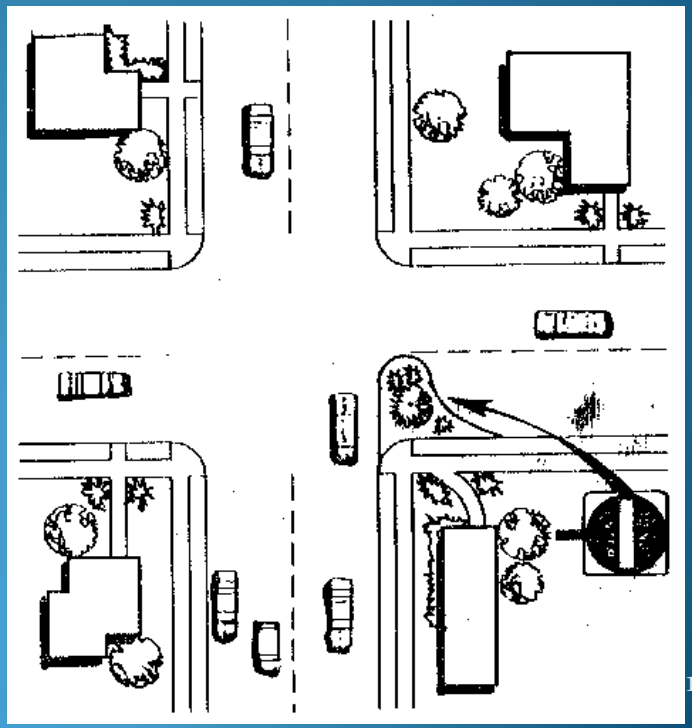


Local Locations:

- Hardy St at Woodland Ave & (Snively Rd)
- Vermillion St at Wallace Ave

Traffic Calming

Half Closure – Potential Locations



Options for Transportation Improvements

Short Term:

- Paint Option: reallocate the 44ft curb to curb space – location of driving lanes, parking lane, and bike lane(s).
- Sidewalk improvements.
- Formalize lake and harbor access, with parking options.
- Improve wayfinding signage.
- Collect additional information – begin annual bike and pedestrian counts.

Options for Transportation Improvements

Long Term:

- Roadway changes – as discussed in your last meeting.
- Sidewalk improvements
- Reallocate right-of-way space on Lake Ave S / Mn Ave – determine widths of driving lanes, parking lane, bike lane(s), boulevards and sidewalks.
- Complete St Louis Ave.
- Develop bike lanes and/or bike path.

Bike Lane/Bike Trail Option

- Separate bikes from main traffic route where feasible.
- Consider raised of textured crossing

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Imagery Date: 8/28/2010


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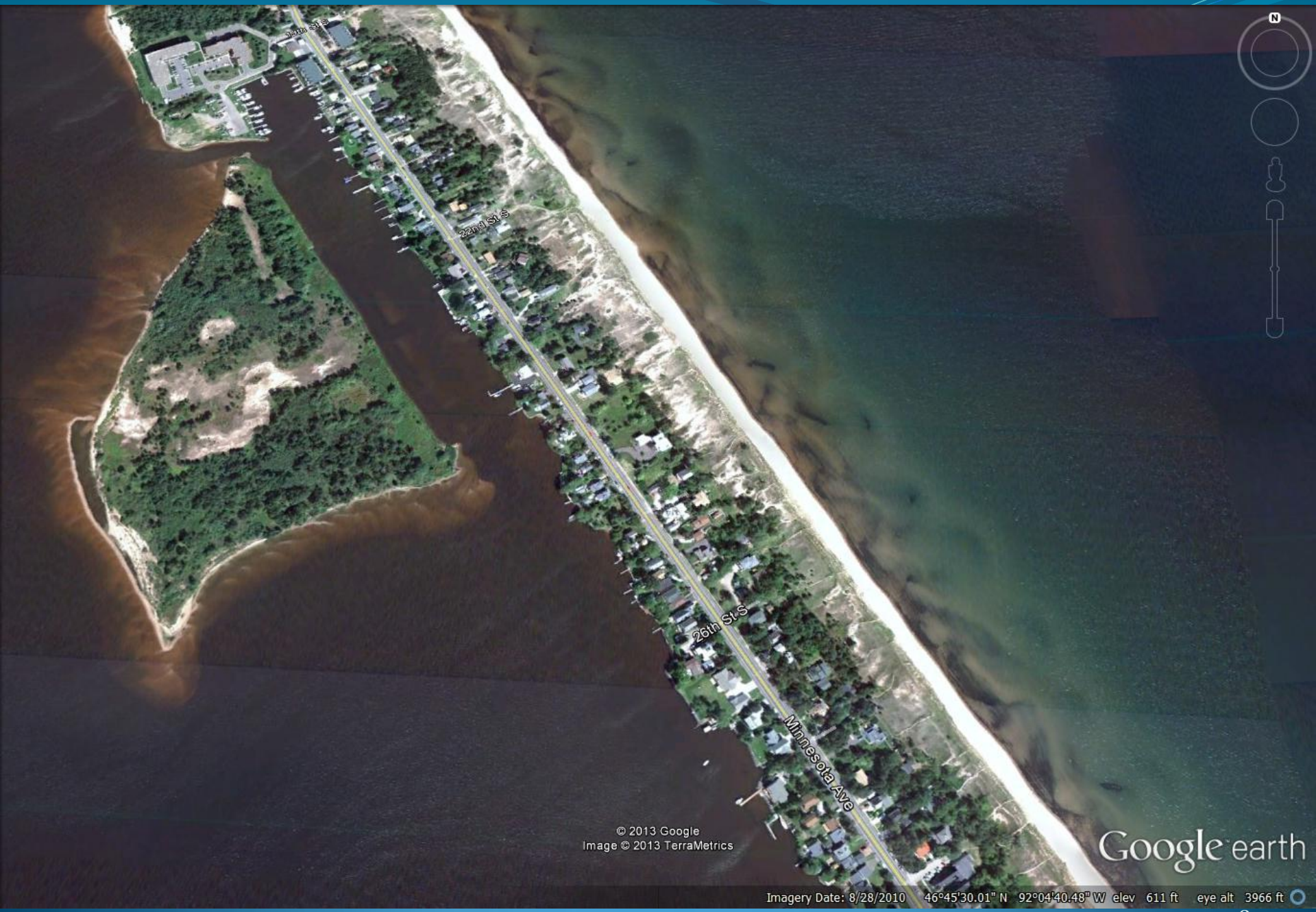
22nd St S
26th St S
Minnesota Ave
© 2013 Google
Image © 2013 TerraMetrics
Google earth
Imagery Date: 8/28/2010 46°45'30.01" N 92°04'40.48" W elev 611 ft eye alt 3966 ft


33rd St S
34th St S
36th St S
37th St S
Minnesota Ave
© 2013 Google
Image © 2013 TerraMetrics
Imagery Date: 8/28/2010 46°44'45.59" N 92°04'02.38" W elev 608


Minnesota Ave
© 2013 Google
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Google e
Imagery Date: 8/28/2010 46°43'59.70" N 92°03'18.69" W elev 603 ft eye alt 5


Marina Dr
Montreal Pier Rd
Toledo Pier Rd
Quebec Pier Rd
Ogdensburg Pier Rd
E 2nd St
E 3rd St
E 4th St
2
Osaugie Trail
Park Point Nature Trail
© 2013 Google
Image © 2013 TerraMetrics
Google earth
Imagery Date: 8/28/2010 46°42'55.99" N 92°02'04.71" W elev 609 ft eye alt 8833 ft