CITY OF GARDEN CITY  
Traffic Advisory Committee  
Meeting Agenda  
Monday, December 7, 2015  
5:30 p.m.

A. Call Meeting to Order:

B. Members Present:

C. Members Absent:

D. Others Present:

E. Approval of Minutes:

F. Summary of Current Projects:

G. Old Business:

   None

H. New Business:

   1. Request to turn 6th Street into one-way between Walnut Street and Spruce Street and remove some of the no parking areas to create additional parking for the Hospital.

      • Attached drawings show the layouts of the parking spaces.
        i. Parallel parking both sides, two way traffic, closing two hospital entrances, reconstructing hospital parking lot.¹

        Additional Parking – 33 on street, 11 on-site
        ii. 35% reverse angle and parallel parking, one-way southbound from Cedar to Spruce with on-site construction.²

        Additional Parking – 35 on street, 11 on-site

¹ Sixth Street - Option 1 Map
² Sixth Street - Option 2 Map
iii. 45% reverse angle and parallel parking, one-way southbound from Cedar to Spruce with on-site construction.³

Additional Parking – 40 on street, 11 on-site

iv. 60% reverse angle and parallel parking, one-way southbound from Cedar to Spruce with on-site construction.⁴

Additional Parking – 34 on street, 11 on-site

2. Request to create parking on 4th Street between Walnut Street and Spruce Street by removing some of the no parking areas for the Hospital.

- Attached drawings showing the site plan.
  - Parallel parking both sides, two way traffic.⁵
    Additional Parking – 28 on street
  - Creating three lane section on 4th street from Walnut to Spruce.⁶
    Additional Parking – None

3. Request to install 4-way “STOP” at the intersection of Pine Street and 6th Street. Currently, the intersection has Stop Signs for northbound and southbound traffic on 6th Street.

- Attached loop location map.⁷

- Attached summary of the traffic count data.⁸

- Traffic accident summary
  i. 2010 – 3 accidents reported, unknown location or type
  ii. 2011 – 1 accident reported, non-intersection related, backing out
  iii. 2012 – 0 accidents reported
  iv. 2013 – 0 accidents reported
  v. 2014 – 2 accidents reported, non-intersection related, backing out
  vi. 2015 – 0 accidents reported

- When is it necessary to install a three or four-way stop?
  i. One indication that an intersection may need three or four-way stop control is its accident patterns. If five or more right and left-turn collisions or right-angle collisions have occurred during the past 12 months, this type of control may be justified.
  ii. A three or four-way stop can also be used as an interim traffic control measure while a traffic signal is being installed at the intersection.

³ Sixth Street - Option 3 Map
⁴ Sixth Street - Option 4 Map
⁵ Fourth Street – Option 1 Map
⁶ Fourth Street – Option 2 Map
⁷ Sixth & Pine Loop Location Map
⁸ Sixth & Pine Traffic Count Data
iii. The volume of traffic which enters an intersection is another guideline:
   1. The total number of vehicles entering the intersection from all approaches must average at least 500 vehicles per hour for any eight hours of an average day.
   2. Vehicles and pedestrians combined from both approaches of a minor street must average at least 200 units per hour for the same eight hours. (You must also determine that vehicles entering from the minor street are delayed at least 30 seconds on the average during the hour when the traffic volume is highest).

I. Other Business:

   1. Julie Christener and Keith Collin’s Term Expired
      
      • Renew terms
      
      • Suggestions or names

J. Committee Member Observations:

   1. Julie Christner - Chairperson:

   2. Vicki Germann – Vice Chairperson:

   3. Gloria Allen:

   4. Gary Bennett:

   5. Keith Collins:

   6. MPO Troy Davis:

K. Adjourn Meeting
6th & Pine Traffic Study
Volume traffic counts
west of 6th on Pine for east bound traffic

City Of Garden City
Traffic Dept.

Latitude: 0’ 0.0000 Undefined
<table>
<thead>
<tr>
<th></th>
<th>Westbound</th>
<th>Northbound</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wed - Peak PM 1:30 - 2:15 - 99 vehicles</td>
<td>Wed - Peak PM 3:00 - 3:45 - 110 vehicles</td>
<td>Pine Street</td>
</tr>
<tr>
<td></td>
<td>Thurs - Peak AM 10:45 - 11:30 - 71 vehicles</td>
<td>Thurs - Peak AM 11:00 - 11:45 - 87 vehicles</td>
<td>Peak - AM 10:45 - 11:30 - 67 vehicles</td>
</tr>
<tr>
<td></td>
<td>PM 1:00 - 1:45 - 91 vehicles</td>
<td>PM 1:00 - 1:30 - 2:15 - 95 vehicles</td>
<td>PM 1:00 - 1:45 - 88 vehicles</td>
</tr>
<tr>
<td></td>
<td>Fri. - Peak - AM 11:00 - 11:45 - 68 vehicles</td>
<td>Fri. - Peak - AM 10:45 - 11:30 - 111 vehicles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PM 1:00 - 1:45 - 88 vehicles</td>
<td>PM 12:30 - 1:15 - 106 vehicles</td>
<td></td>
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<tr>
<td></td>
<td>ADT 804</td>
<td>ADT 1,009</td>
<td></td>
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<tr>
<td></td>
<td>Average</td>
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</tr>
<tr>
<td></td>
<td>Peak - AM 10:45 - 11:30 - 67 vehicles</td>
<td>Peak - AM 10:45 - 11:30 - 97 vehicles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PM 1:00 - 1:45 - 88 vehicles</td>
<td>PM 3:00 - 3:45 - 97 vehicles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADT 1,130</td>
<td>6th Street</td>
<td></td>
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</tbody>
</table>

|                      | Southbound                                     | Eastbound                                     |                                              |
|                      | Wed - Peak PM 4:15 - 5:00 - 135 vehicles       | Wed - Peak PM 1:30 - 2:15 - 88 vehicles       |                                              |
|                      | Thurs - Peak AM 11:00 - 11:45 - 104 vehicles   | Thurs - Peak AM 11:00 - 11:45 - 76 vehicles   |                                              |
|                      | PM 1:00 - 1:45 - 116 vehicles                  | PM 1:15 - 2:00 - 95 vehicles                  |                                              |
|                      | Fri. - Peak - AM 10:45 - 11:30 - 106 vehicles  | Fri. - Peak - AM 10:00 - 11:45 - 59 vehicles  |                                              |
|                      | PM 1:30 - 2:15 - 115 vehicles                  | PM 12:30 - 1:15 - 79 vehicles                |                                              |
|                      | Average                                        | Average                                       |                                              |
|                      | Peak - AM 11:00 - 11:45 - 105 vehicles         | Peak - AM 11:00 - 11:45 - 68 vehicles         |                                              |
|                      | PM 4:15 - 5:00 - 118 vehicles                  | PM 1:15 - 2:00 - 85 vehicles                 |                                              |
|                      | ADT 798                                        | ADT 1,109                                     |                                              |