NMT Code Committee Report

Ellensburg
Draft
Nonmotorized Transportation Plan
September 2008

Nancy Lillquist, Committee Chair
Sarah Bedsaul, Committee Member

October 28, 2010
Purpose
- Implement the 2007 Comprehensive Plan and 2008 Non Motorized Transportation Plan

Members

Where are we now?

Where are we going?
Overview

- Connectivity
- Street Design
  - Arterial
  - Local
  - Connector
- Other
Connectivity: Problem
Connectivity: Recommendations

- Comprehensive plan mapping
- Barriers to grid
- Recommended street intervals
- Cul de sacs
- Gated Communities
Intent: Provide safe and attractive Arterial Streets to facilitate movement of motorized and non-motorized traffic through the City and to regional and community destinations. As mobility is the primary function of the Arterial Streets, access to property may be limited to accommodate traffic flow.
Arterial Streets: Problem

Reecer Creek Rd

Water St

Water St
Arterial Street Recommendation

Recommended Design #1 for Commercial (except CC1), industrial, multi-family residential zones
80-104 ROW plus 10' landscaping each side:

Half street transect:

- Travelway 36'-60'
- 3-5 lanes 12'/lane
- Bike 5'
- Planting/stormwater 10'
- Sidewalk 7'
- Landscape easement 10'

Recommended Design #2 for single-family residential zones
92-116 ROW

Half street transect:

- Travelway 36'-60'
- 3-5 lanes 12'/lane
- Bike 5'
- Parking 8'
- Planting/stormwater 10'
- Sidewalk 5'
Intent: Provide safe and attractive local streets to access adjacent property. Discourage through traffic and speed. Convenience to the motorist is secondary to the safety and enjoyment of the residents.
Local Street: 20 ft

Option #1 -- 20' pavement no parking

extra
10'

sidewalk
5'

Planting, storm, snow
10'

Travelway shared bike and car
20'

Planting, storm, snow
10'

sidewalk
5'

extra
10'
Local Street: 24 ft

Option #2 – 24’ pavement parking one side

extra
sidewalk
Planting,
stormwater,
snow
10’
Travelway
shared bike and car
queuing required
17’
parking
sidewalk
extra
7.5’
5’
7’
6’
7.5’
Local Street: 30 ft

Option #3 - 30' pavement parking both sides

- **extra**
  - *4.5*
  - *5'
- **sidewalk**
- **Planting, stormwater, snow**
  - *10'
- **parking**
  - *7'
- **Travelway, shared bike and car queuing required**
  - *16'
- **parking**
  - *7'
- **sidewalk**
  - *6'
- **extra**
  - *4.5*
**Intent:** Provide safe and attractive Collector Streets that balance mobility and access to encourage flow of traffic from neighborhoods and provide access to property.
Collector Streets: Recommendations

Option 1: Optional landscaping/trees on property side of sidewalk or street side. Arguments for: area of maintenance, buffer from fumes.

Collector Street: Proposed Standard, 60 ft ROW, 38 ft pavement
Add 10 feet ROW and pavement if designated Bike Route

<table>
<thead>
<tr>
<th>Sidewalk</th>
<th>Planting Snow</th>
<th>Parking</th>
<th>Travelway</th>
<th>Add 5 ft each side if designated bike routes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'</td>
<td></td>
<td>6'</td>
<td>7'</td>
<td></td>
</tr>
</tbody>
</table>

Option 2: Planting strip/trees on street side of sidewalk. Arguments for: buffer pedestrians from traffic, aesthetically look.

Collector Street: Proposed Standard, 60 ft ROW, 38 ft pavement
Add 10 feet ROW and pavement if designated Bike Route

<table>
<thead>
<tr>
<th>Sidewalk</th>
<th>Planting Snow</th>
<th>Parking</th>
<th>Travelway</th>
<th>Add 5 ft each side if designated bike routes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'</td>
<td></td>
<td>6'</td>
<td>7'</td>
<td></td>
</tr>
</tbody>
</table>
- Multi Use Paths
- Bus Shelters
- Bike Facilities