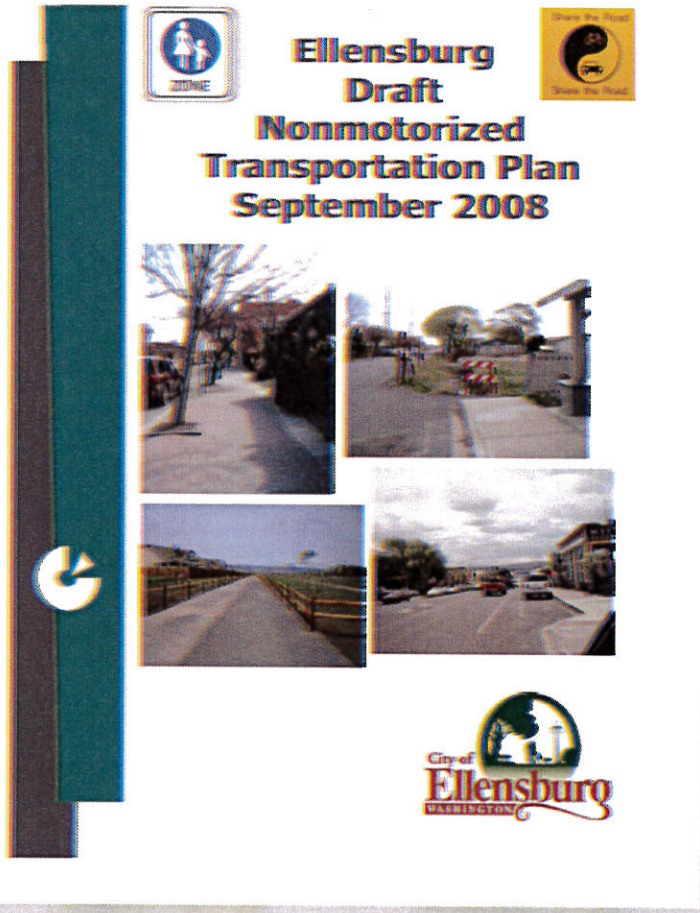
NMT Code Committee Report



Nancy Lillquist, Committee Chair
Sarah Bedsaul, Committee Member

October 28, 2010

EXHIBIT M31

EXHIBIT M31

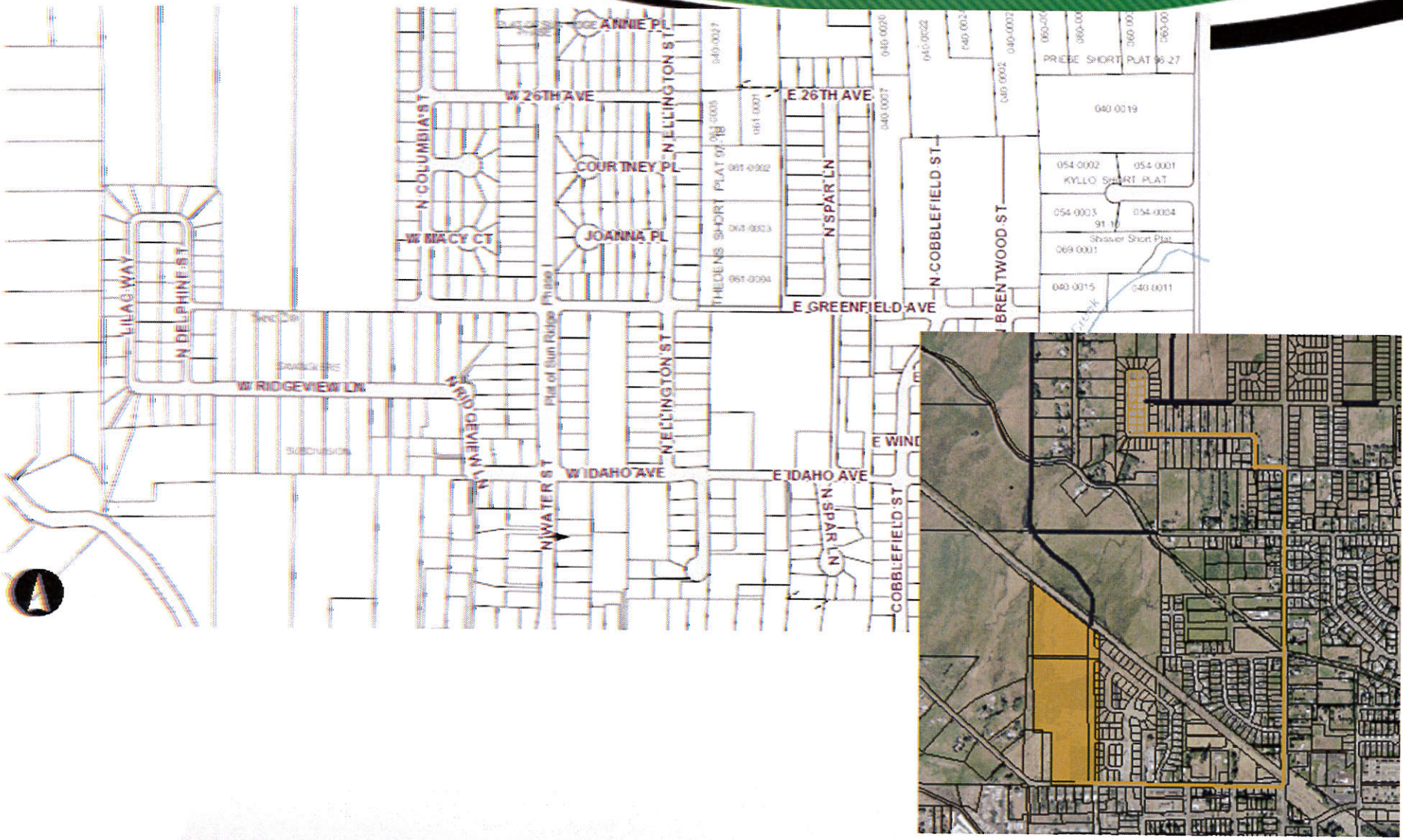
Background

- 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

Arterial Streets

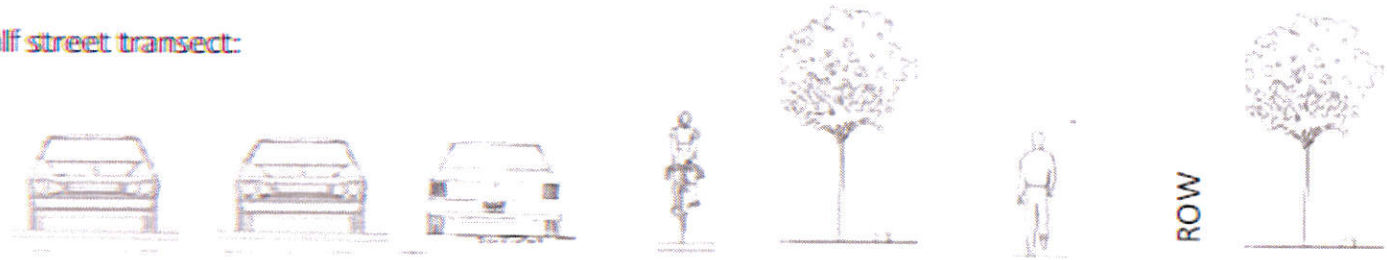
Intent: Provide safe and attractive Arterial Streets to facilitate movement of motorized and non-motorized traffic through the City and to regional and community destinations. As mobility is the primary function of the Arterial Streets, access to property may be limited to accommodate traffic flow.

Arterial Streets: Problem

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'

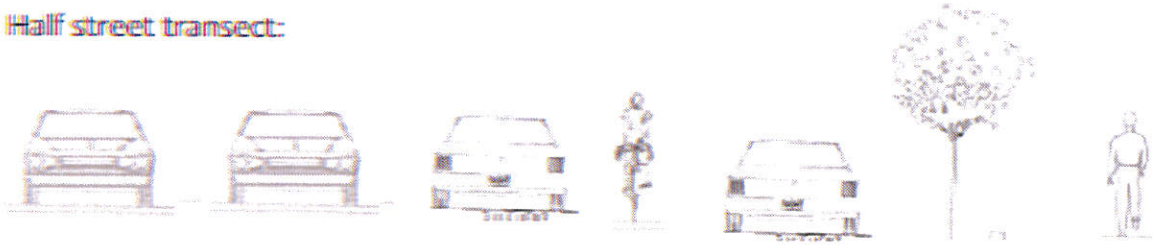
Planting/
stormwater
10'

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'

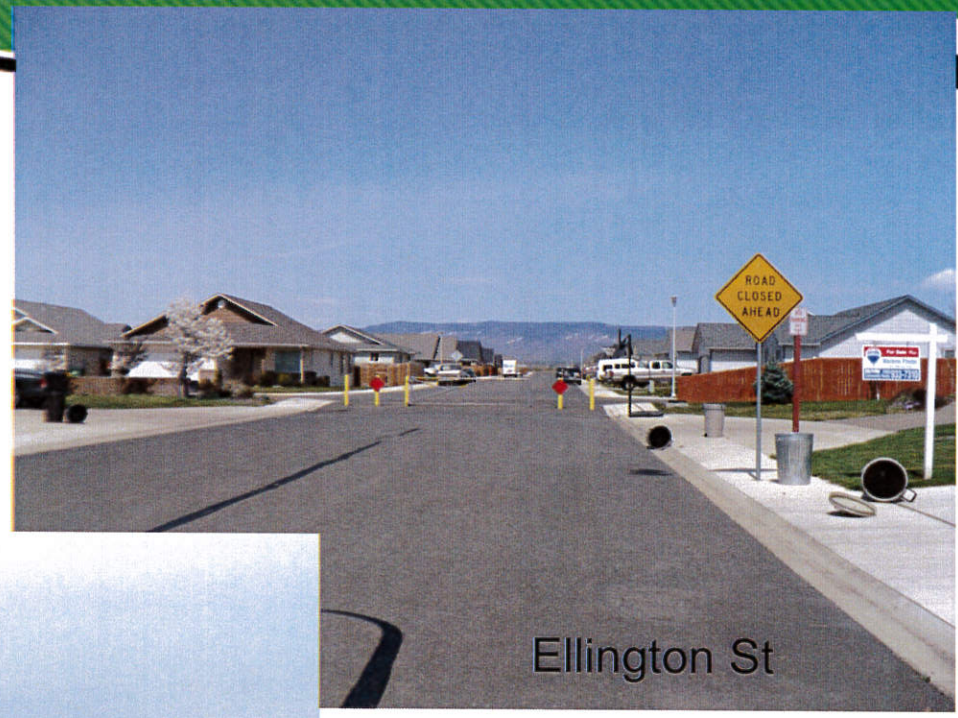
Planting/
stormwater
10'

Sidewalk
5'

Local Streets

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 Streets: Problem

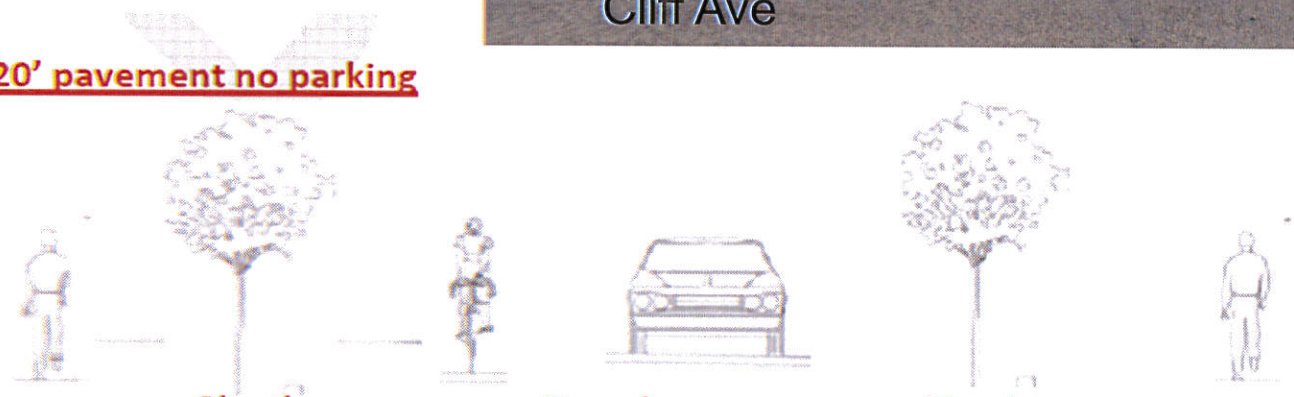


Ellington St

Indiana St

Local Street: 20 ft

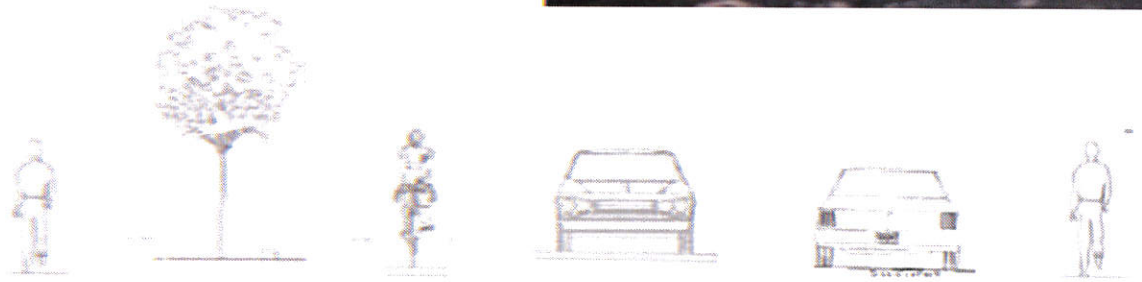
Option #1 -- 20' pavement no parking



extra	sidewalk	Planting, storm, snow	Travelway shared bike and car	Planting, storm, snow	sidewalk	extra
10'	5'	10'	20'	10'	5'	10'

Local Street: 24 ft

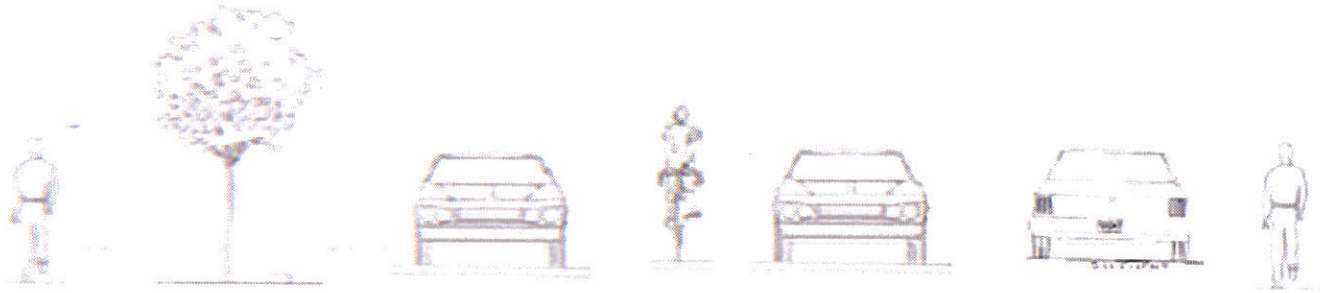
Option #2 -- 24' pavement parking one side



extra	sidewalk	Planting, stormwater, snow	Travelway shared bike and car queuing required	parking	sidewalk	extra
7.5'	5'	10'	17'	7'	6'	7.5'

Local Street: 30 ft

Option #3 -- 30' pavement parking both sides

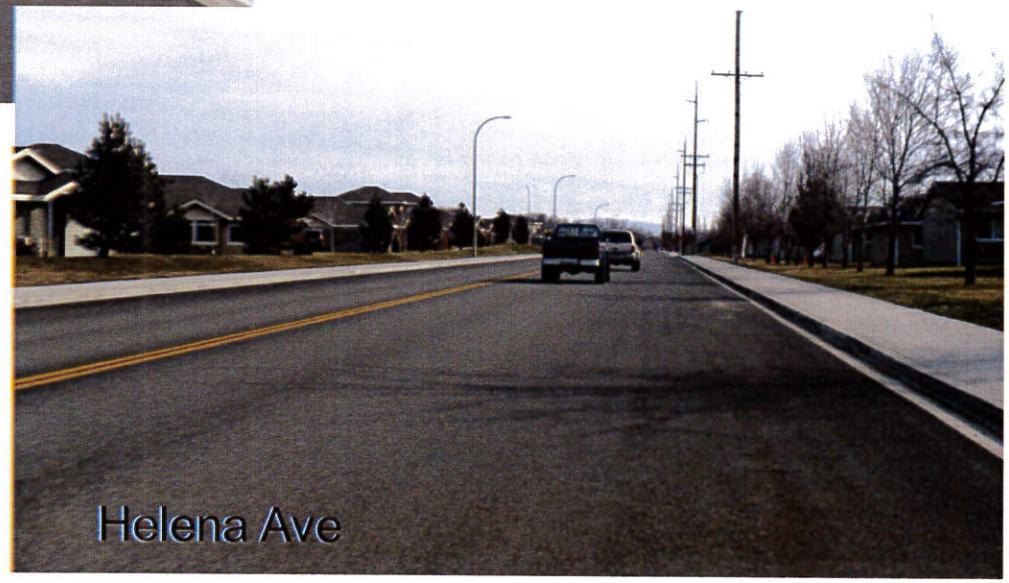


extra	side walk	Planting, stormwater, snow	parking	Travelway shared bike and car queuing required	parking	side walk	extra
4.5	5'	10'	7'	16'	7'	6'	4.5

Collector Streets

Intent: Provide safe and attractive Collector Streets that balance mobility and access to encourage flow of traffic from neighborhoods and provide access to property.

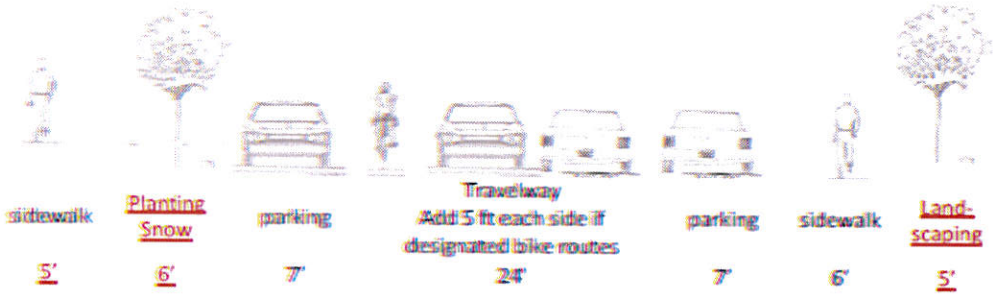
Collector Streets: Problem

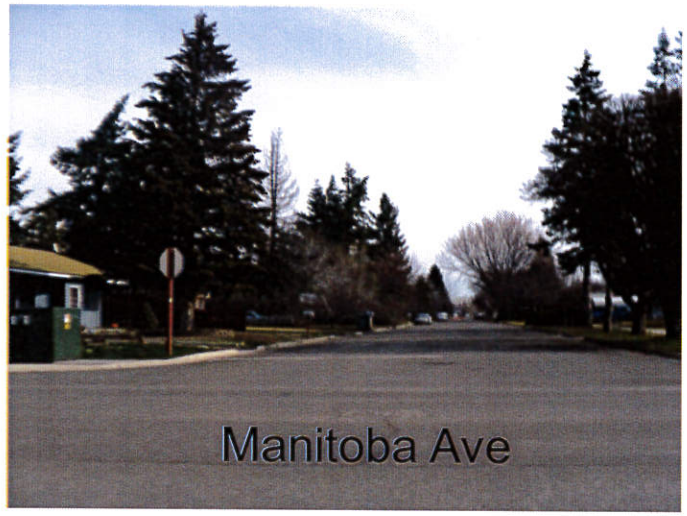


Collector Streets: Recommendations

Option 1: Optional landscaping/trees on property-side of sidewalk or street side. *Arguments for: ease of maintenance, buffer from fences.*

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





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

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

Other

- Multi Use Paths
- Bus Shelters
- Bike Facilities