LAND USE/COMMUNITY POLICY & TRANSPORTATION INITIATIVES

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CTQ
ENGINEERING PLANNING URBAN DESIGN
The Three Questions

• What we want?

• Where are we going?

• How far have we got to go to get what we want?
Sustainable Transportation

• A sustainable transportation system is the vision and main goal

• Sustainable transportation requires:
  – a holistic framework
  – sustainability-based polices
  – projects that support policy objectives
  – adequate and appropriate funding
  – coordination and partnership at all levels
• A sustainable and holistic framework consists of considerations in these three general areas:

  – Economic
  – Environmental
  – Social
Current Situation

• Commuting patterns by mode (2006):
  – *Automobile*: 89.1%
  – *Walking*: 4.6%
  – *Transit*: 2.7%
  – *Cycling*: 2.1%
  – *Other*: 1.5%

• 45% of trips are less than 5km, however, approx. \( \frac{3}{4} \) of these trips are in the automobile
Sustainable Supply [long term thinking]

- Life cycle planning includes impact to all areas of the sustainable transportation system, not just flow of traffic/congestion mitigation.
Sustainable Demand

- Rate of “consumption” of roads not sustainable
- Need to curb demand to match supply and sustainability goals
- Need to support Transportation Demand Management (TDM) measures and programs
How are we trying to deal with transportation and land use relationships for the future?

1. Growth Management Trend
How are we trying to deal with transportation and land use relationships for the future?

2. Densification Theory
How are we trying to deal with transportation and land use relationships for the future?

3. Downtown’s Role is Changing
How are we trying to deal with transportation and land use relationships for the future?

4. Highway Commercial Implications
How are we trying to deal with transportation and land use relationships for the future?

5. Agricultural Land Reserve (Sprawl Control?)
How are we trying to deal with transportation and land use relationships for the future?

6. Employment Areas are Changing

Hospital Districts
University Districts
Office Districts
How are we trying to deal with transportation and land use relationships for the future?

7. Resort/Recreational Residential Development
How are we trying to deal with transportation and land use relationships for the future?

8. Active Transportation (Pedestrian & Bike)
How are we trying to deal with transportation and land use relationships for the future?

9. Interest in Transit (How to fill the bus?)
How are we trying to deal with transportation and land use relationships for the future?

10. Transit Nodes
How are we trying to deal with transportation and land use relationships for the future?

11. Demographic Shift
LAND USE/COMMUNITY POLICY
&
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