







Public Policies

- Planning & Zoning
- Design Standards
- Performance Measures
- Decision Making Process
- Universal Design
- Public Transit
- School
 - Transportation
- Maintenance
- Enforcement

Physical Environment

- Urban Form
- Public R.O.W.
- Public Spaces
- Off-Road Trails
- Wayfinding
- Bicycle, Pedestrian and Transit
- Support Facilities
- Transit Operations
- Environmental and Art Enhancements

Community Programs

- Ongoing Assessment
- Resources
- Campaigns
- Marketing/ Outreach
- Special Events
- Targeted
- Encouragement
- School Programs
- Safety Education

Quality of Life Objectives

- Increased Activity Levels
- Crash Reduction
- Improved Personal Safety
- Enhanced Health and Wellbeing
- Energy Savings
- Pollution
- Reduction
- A Strong Sense of Place

Figure 1- Schedule

	2015		2016					
TASK	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1-Public Outreach/Project Management	î	× •	• •			×∆		×⊙⊼
2-Review Plans Novi/RCOC/SEMCOG		•						
3-Compile Data on Existing and Future Conditions								
4-Forecast Travel					Į.			
5-Classify Thoroughfares				1				
6-Identify Multi-modal Needs					-			
7-Develop/Evaluate Multi-modal Alt. Strategies						_		
8-Develop "Needs" and "Affordable" Plans							_	
9-Prioritize "Affordable" Plans							↓	
10-Prepare Final Documents							+	

Team Meeting Public/Stakeholder Meeting Project Website/Community Remarks Setup

Products/Reports

- 1. Tech Memo#1: Public Outreach Plan
- 2. Tech Memo#2: Summary of Planning Documents
- 3. Tech Memo#3: Existing/Future Conditions
- 4. Tech Memo#4:Travel Forecasts
- 4. Tech Memo #5: Classification of Thoroughfares

Planning Commission MeetingXCity Council PresentationImage: City Council PresentationTechnical MemorandumVersion 1 Image: City Council PresentationFinalReport(Including PIDiary)DraftFinalImage: City Council Presentation

- 6. Tech Memo #6: Multi-modal Needs
- 7. Tech Memo #7: Alternative Strategies
- 8. Tech Memo #8: "Needs"/"Affordable" Plans
- 9. Final Report: Draft & Final
- 10. In-depth Corridor Analysis

Performance-based Planning

Evaluate & Recommend

Decide & Communicate

Action

Modeling and Forecasting

Scenarios

Planning

Decision Making

Delivery

Task 1: Public Outreach/Project Management

• Key Issues

✓ Provide accurate, up-to-date information

✓ Help Novi act on suggestions and concerns

 Enable Novi to set a new standard of communication through innovation

Task 1: Public Outreach/Project Management

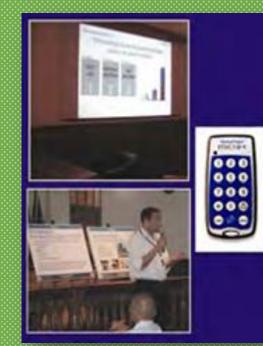
<u>Tools</u>

✓ Community Remarks

✓ Touchpad polling

- ✓ Media outreach;
- ✓ Project Web site;
- ✓ Social media outreach;
- ✓ Public meetings;
- ✓ Project Team meetings; and,
- ✓ Planning Commission and City Council meetings.





Task 1: Public Outreach/Project Management

• <u>Key Items</u>

Project Coordination, Administration and Budget Control

✓ Project Team Meetings

✓ Quality Assurance/Quality Control

Task 2: Review Plans

<u>Key Documents</u>

- The Novi Master Plan for Land Use
- ✓ Non-Motorized Master Plan
- ✓ I-96 Wixom/Novi Transportation Study
- Community Assessment Survey of Older Adults
- ✓ Town Center Plan
- ✓ Others developed by.....
 - Novi
 - RCOC
 - SEMCOG
 - MDOT



Task 3: Compile Data on Existing & Future Conditions

All Modes





Key Corridors

10 Mile Road 12 Mile Road Grand River Novi Road Meadowbrook Road **Funding Sources**

Current Possible/New

Task 4: Forecast Travel

<u>Steps: 1-3</u>

- 1. Meet with Novi Staff
- 2. Meet with SEMCOG Staff
- 3. Define System

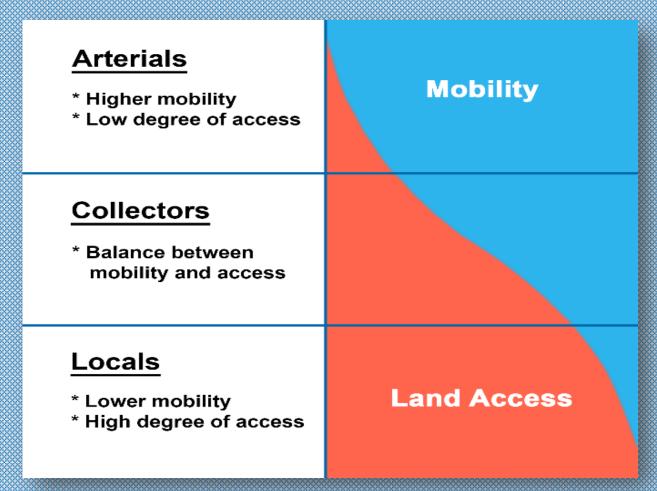
Steps 4-6

4. Apply the Model

5. Develop Technical Memo

6. Train the Novi Staff

Task 5: Classify Thoroughfares



Source: USDOT FHWA

Task 6: Identify Multi-modal Needs

<u>Roadways</u>

✓ Capacity Needs

✓ Cross-access

✓ Access/Egress

Ped/Bike

✓ Quality of Existing Facilities

✓ Connectivity

✓ Demand

<u>Transit</u>

✓ 2012 Survey of Older Adults

✓ Interviews

✓ Community Remarks

Task 7: Possible Evaluation Factors & Performance Measures

Example Evaluation Factors /Performance Measures					
Evaluation Factor	Performance Measures				
Provide Multiple Choices in Ways to Travel	Percent transit, non-motorized, multiple occupant, and single occupant trips by TAZ and area total.				
Prevent Unequal Impacts to Low-Income and Minority Communities	Direct (taking) and indirect (number of projects by mode) that are in areas of expected concentration of low income and/or minority populations, as defined by the U.S. Census.				
Improve transit	Change in travel time from baseline system for up to 15 origin-destination pairs (selected in cooperation with MPO Committees).				
Minimize Neighborhood Disruption	Projected traffic volumes/speeds on 20 sensitive (environment, aesthetics, social) roadway segments (selected in cooperation with MPO Committees).				
Maintain Good Air Quality	CO concentrations at 10 points in the network (selected in cooperation with MPO Committees) and consistent with noise, community cohesion, and safety factors analysis.				
Minimize Purchase of Private Property to Build Transportation Facilities	Number of residential and business properties potentially taken.				
Protect Open Spaces/Parks	Number of acres of public and non-public park potentially lost.				
Control Noise at Sensitive Locations. (e.g., homes, schools, hospitals, etc.)	Expected "significant change" in noise due to traffic volume change at 20 points (selected in cooperation with MPO Committees).				
Maximize Safe Travel	Change in crashes compared to baseline system in vehicle miles of travel on 20 roadway segments (selected in cooperation with MPO Committees).				
Minimize Road Congestion	Volume/capacity of key roadway links.				

Task 7: Develop & Evaluate Alternatives

Highway-related

- Traffic signal improvements
- Arterial management
- Intersection improvements
- Turn prohibitions
- One-way/two-way streets
- Reversible lanes
- SCATS
- Access management

<u>TDM</u>

- Alternative work hours
- Telecommuting
- Ridesharing

Active transportation

- On-road
- Off-road
- Special zones

Transit

- Continuation/expansion of current service
- Extension of SMART routes

Task 8: Develop Needs & Affordable Plans

Federal Funding Sources

- ✓ 2015 Federal Transportation Funding Act
- Congestion Mitigation and Air Quality (CMAQ) Program
- Highway Safety Improvement Program (HSIP)
- Bridge Replacement and Rehabilitation (BRR) Program
- National Highway System (NHS) Program
- ✓ Safe Routes to School (SRTS) Program
- Surface Transportation Program (STP)
- Transportation, Community, and System Preservation Program
- Transportation Enhancement (TE) Program
- Highway Enhancement through Local Partnerships
- <u>Plus</u>

2015 Michigan Transportation Funding Acts

Task 9: Develop & Prioritize TMP

 TMP Components ✓ Highways ✓ Non-motorized Pedestrians > Bicycle ✓ Transit ✓ Freight



Task 9: Develop & Prioritize TMP

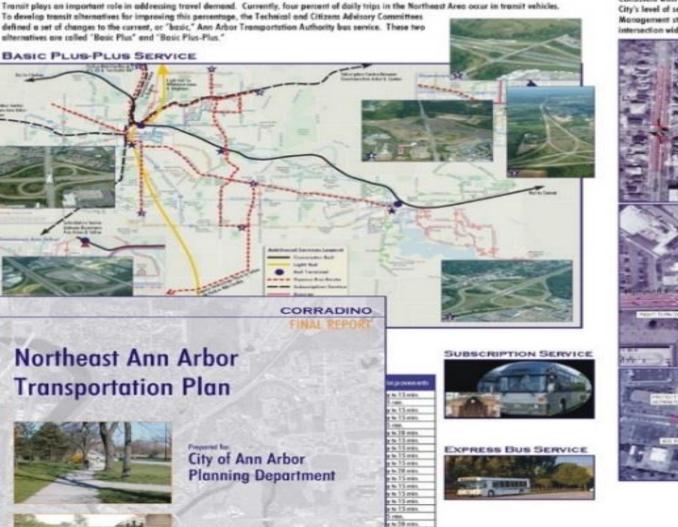


Task 9: Develop & Prioritize TMP

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Task 10: Prepare Final Documents

TRANSIT COMPONENT

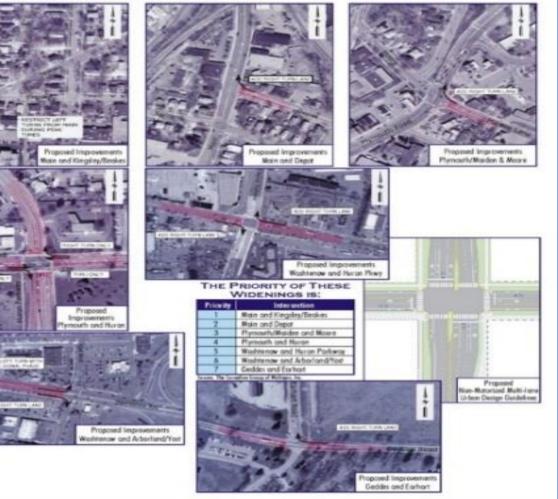


Property law

The Corrodino Group, Inc.

ROADWAY COMPONENT

Consistent with the 1990 Transportation Plan Update, the Plan recommends that roadway widenings in the Northeast Area be limited. Changing the City's level of service standards to accept longer delays on roads and at intersections is one recommended approach. The Transportation Demand Management strategies and transit improvements outlined in this summary also will reduce pressure on congested roads. However, the following intersection widenings may be necessary to address traffic congestion in the future:



Questions & Comments

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