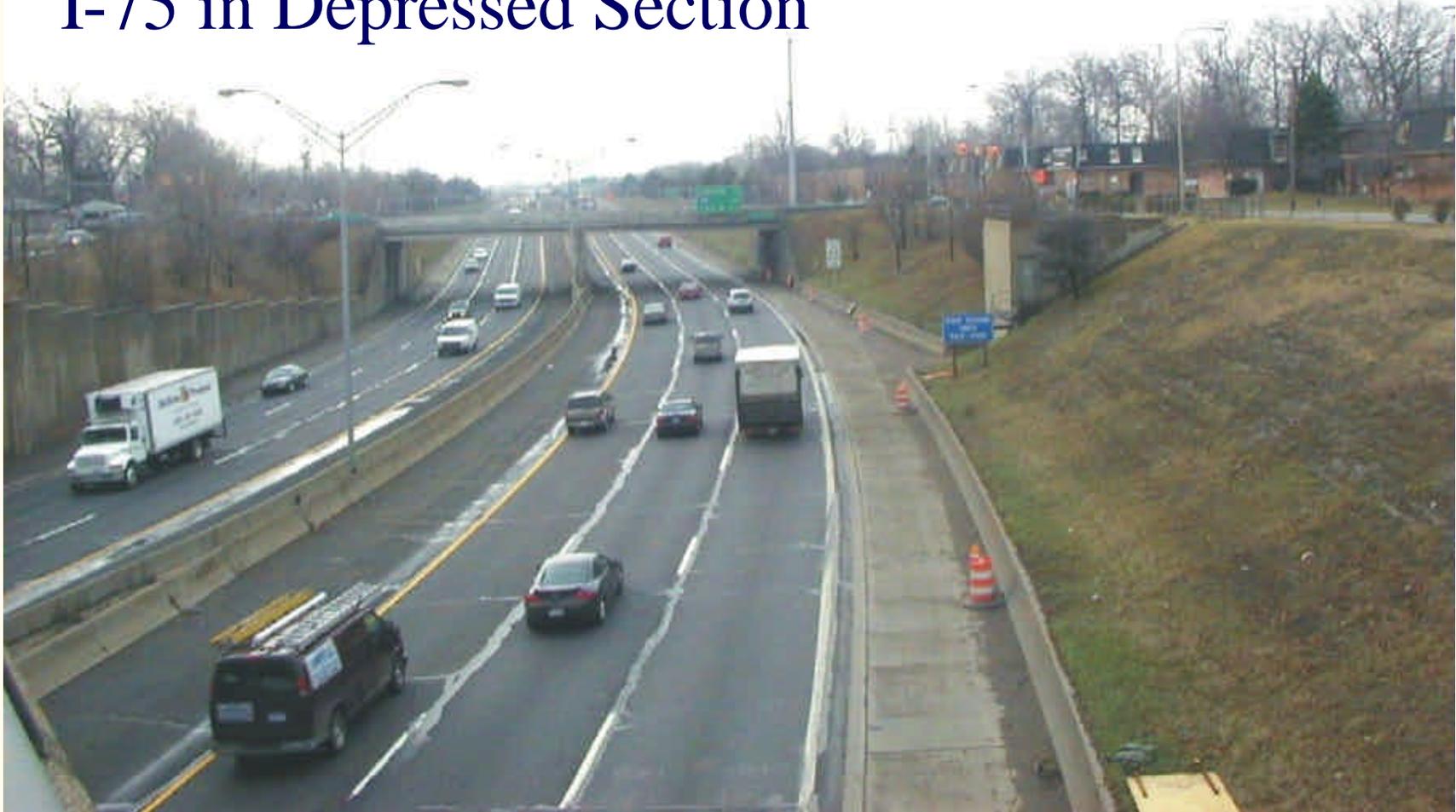




# Typical Sections of I-75

## I-75 in Depressed Section





# Typical Sections of I-75

## I-75 in At-Grade Freeway Section





# Interchange Improvements

- I-696
- Twelve Mile
- Fourteen Mile
  
- Separate Design Projects  
Underway
- Crooks/Long Lake Roads
- M-59



# **I-75 Oakland County Planning/Environmental Study**



**Analysis of  
Generic Rapid Transit  
and HOV**



# Issues

- Does Rapid Transit hold promise as part of the overall regional transportation system? **YES**
- Can transit eliminate the need to widen I-75? **NO**
- Would High-Occupancy Vehicle (HOV) lanes be effective along I-75?  
**MARGINALLY EFFECTIVE**



# Completed Work Tasks

- Compare Feasibility Study with latest SEMCOG model results
- Insert a transit model into the SEMCOG model and calibrate
- Develop Generic Rapid Transit Alternative on Woodward
- Develop the HOV Alternative
- Test and analyze the alternatives



# Transit Model

- Produces transit loadings and carpool/drive-alone highway loads
- Uses peak period (rush hour) and off-peak transit networks
- Based on accepted survey data from other cities
- Calibrated for the SEMCOG region



# Generic Transit Alternative



- High Speeds
- Direct bus connections
- Balanced station spacing
- Frequent park-and-ride facilities



SOURCE: The Consulting Group of Michigan, Inc.



# Rapid Transit Projections

## Generic Rapid Transit Alternative I-75 Characteristics (2025)

Measure	Alternatives	
	No Action	Rapid Transit
Regional Daily Transit Trips (linked) <sup>1</sup>	117,682	154,667
Regional Transit Boardings (unlinked) <sup>2</sup>	177,285	246,440
Woodward Rapid Transit Boardings	NA	43,035
Detroit People Mover Boardings	10,967	9,930

<sup>1</sup> Origin to destination

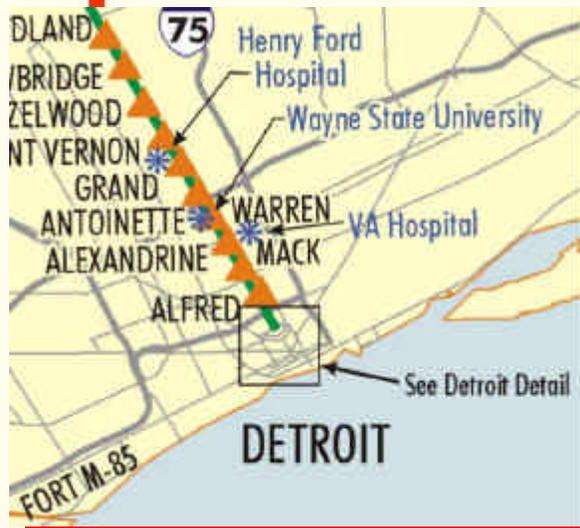
<sup>2</sup> Stop to stop

SOURCE: The Corradino Group of Michigan, Inc.



# Rapid Transit Projections (cont.)

## Daily Rapid Transit Station Activity (2025) Woodward Corridor



Location	Access	Daily Ons+Offs	Daily 2-way Load
Grand Boulevard	Walk, bus	3,007	19,793
Antoinette	Walk, bus	4,941	20,024
Warren	Walk, bus	6,882	21,608
Alexandrine	Walk, bus	3,745	21,731
Mack	Walk, bus	326	21,759
Alfred	Walk, bus	5,324	21,869
I-75	Walk, bus	1,593	20,954
Grand Circus Park	DPM, walk	4,874	16,130
Campus Martius	Walk, bus	12,219	5,059
Jefferson Ave.	Walk, bus	5,059	

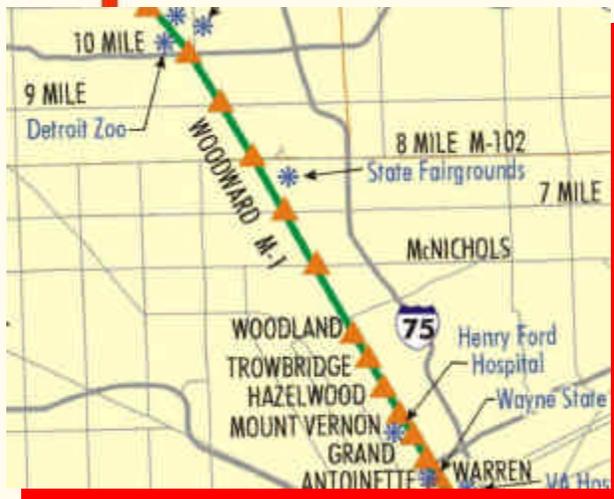
SOURCE: The Corradino Group of Michigan, Inc.





# Rapid Transit Projections (cont.)

## Daily Rapid Transit Station Activity (2025) Woodward Corridor



Location	Access	Daily Ons+Offs	Daily 2-way Load
10 Mile	Auto, walk, bus	902	4,048
9 Mile	Auto, walk, bus	5,031	6,835
8 Mile	Auto, walk, bus	4,905	10,248
7 Mile	Walk, bus	4,000	11,732
McNichols	Walk, bus	3,408	13,212
Woodland Ave.	Walk, bus	1,622	14,152
Trowbridge	Walk, bus	2,968	16,204
Hazelwood	Walk, bus	4,183	18,165
Mount Vernon	Walk, bus	4,829	19,998

SOURCE: The Corradino Group of Michigan, Inc.