

Examining P3 Opportunity

on Michigan's Limited Access Highway System

Project Types

Greenfields

Brownfields

- Capacity improvements
- Toll existing
 - Federal limitations
 - Not provided in HB 4961

Simplified Process Overview

MDOT Limited Access System



First Tier Screening

1. Apply Criteria for Identifying Candidate Corridors

Identify Potential Corridors for Study



2. Meet and Refine List

Agree on Improvement Type to Assess

e.g. Managed Lanes, Hot Lanes, Toll Existing, New Toll Road, Bridge



3. Apply Corridor Screening Criteria

Spreadsheet Analysis

Second Tier Screening



4. Identify Select Corridors

Model Traffic and Revenue
Refine Costs



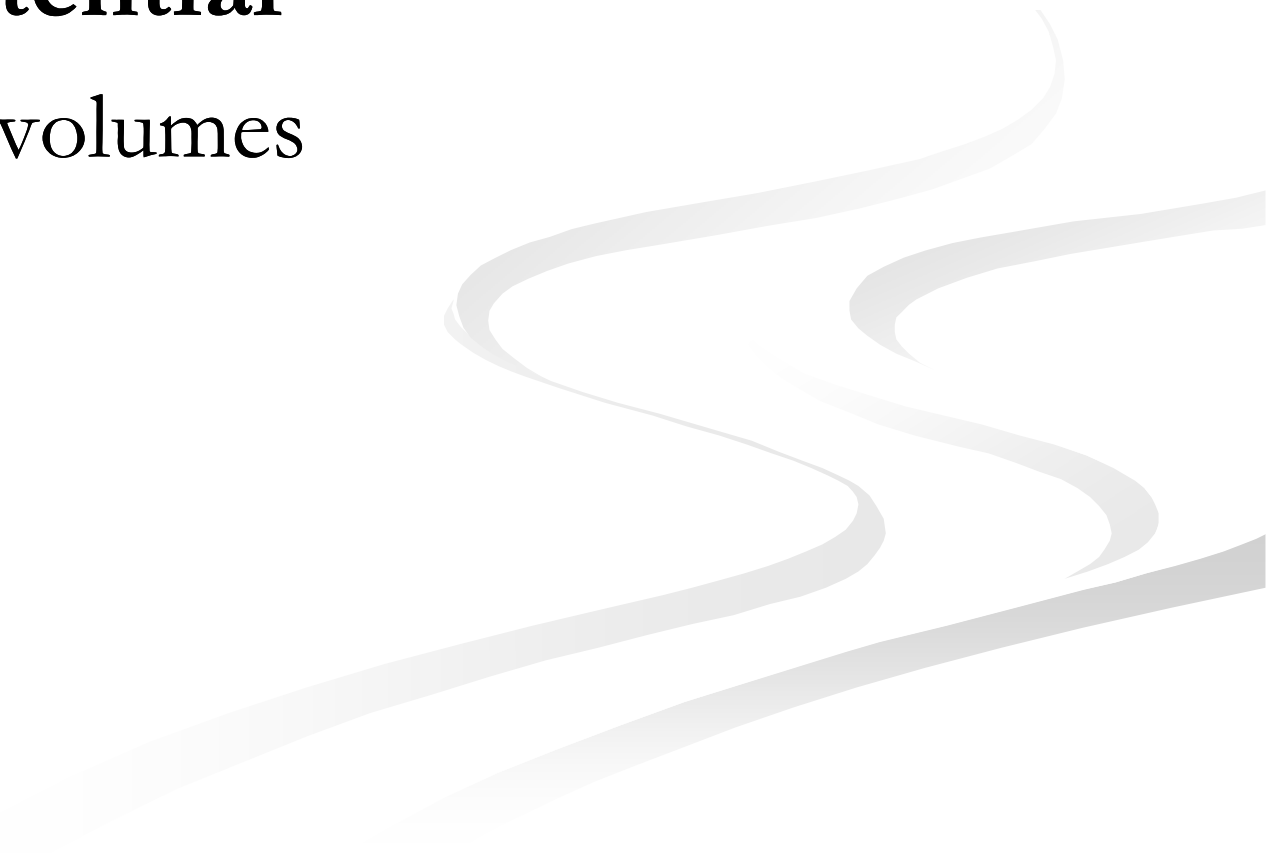
5. Feasibility Analysis and Delivery Options

Recommendations for Further Analysis

1. Identify Potential Corridors

Revenue potential

- High traffic volumes
- Congestion
- Growth



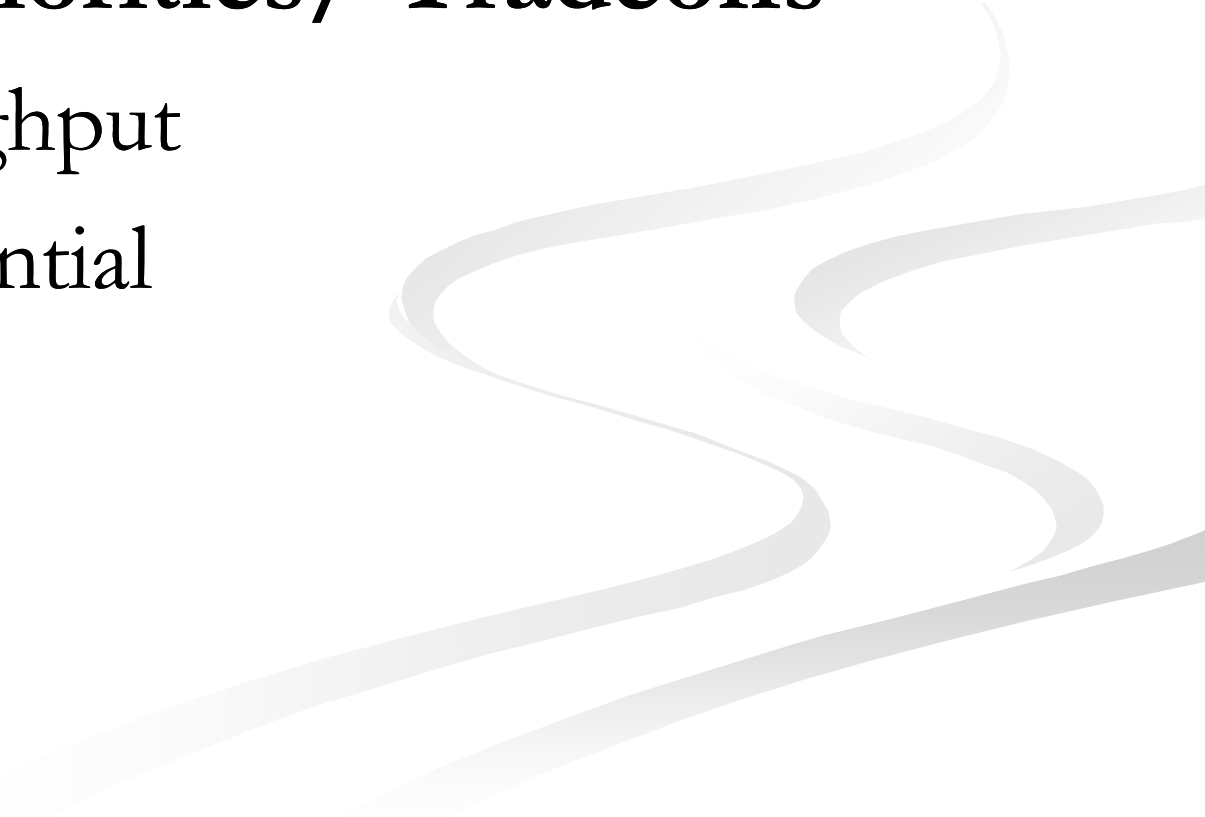
Criterion One

Meets one or more of the following

- LOD D or worse
- Directional AADT 25,000 or greater
- Directional truck traffic 5,000 or greater

2. Identify Potential Improvement Type and Priorities

Balancing Priorities/ Tradeoffs

- Traffic throughput
 - Revenue potential
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3. Refine Candidate Corridor List

High level screening of potential corridors

- MDOT objectives
- Environmental status
- Project size, characteristics, and maturity
- Industry practices/ expected market interest

Sketch-Level Analysis

Initial analysis

- Capital costs
 - Operating costs
 - Revenue estimates
 - Typical financial structures
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4. Identify/ Further Analyze Select Corridors

- Traffic and revenue
 - Sensitivity analysis
- Refine operating costs

5. Preliminary Feasibility

- Delivery Options
- Risk Allocation