

# COSTING WORKSHEET

## MICHIGAN TRANSPORTATION ECONOMIC DEVELOPMENT FUND CATEGORY F: ECONOMIC DEVELOPMENT ROAD PROJECTS

*This information required by P.A. 231 of 1987, as amended.*

INSTRUCTIONS: Check all that apply and complete estimated cost for each section.

**OFFICE USE ONLY**

APPLICATION I.D.

1. ROUTE NO./STREET NAME	FROM:	TO:	DATE RECEIVED
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**CONSTRUCTION COSTS**

2. Highways, roads and streets supported with EDF grant funding must be public roads constructed to all-season design standards and be open to truck traffic.

<b>GRADING</b>	<input type="checkbox"/> Earth Excavation <input type="checkbox"/> Embankment <input type="checkbox"/> Aggregate Base <input type="checkbox"/> Sub-base <input type="checkbox"/> Muck Excavation <input type="checkbox"/> Other (Specify) _____	ESTIMATED COST	
		\$	
<b>DRAINAGE</b>	<input type="checkbox"/> Ditching <input type="checkbox"/> Edge Drain <input type="checkbox"/> Storm Sewer Adjustments <input type="checkbox"/> Culvert Replacement <input type="checkbox"/> Storm Sewer Construction	ESTIMATED COST	
		\$	
<b>MAINLINE PAVEMENT ITEMS</b>	<input type="checkbox"/> _____ 'Bit Surfacing @ _____ <input type="checkbox"/> Curb and Gutter <input type="checkbox"/> _____ 'Shoulder Surfacing @ _____ <input type="checkbox"/> Replace Sidewalk <input type="checkbox"/> Cold-milling or Pulverizing <input type="checkbox"/> New Roadway <input type="checkbox"/> Remove and Replace Pavement <input type="checkbox"/> Concrete Roadway	ESTIMATED COST	
		\$	
<b>GEOMETRIC IMPROVEMENT</b>	<input type="checkbox"/> Intersection Improvements: <input type="checkbox"/> Ramp Extensions <input type="checkbox"/> _____ Passing Flares <input type="checkbox"/> Driveways <input type="checkbox"/> _____ Turn Lanes <input type="checkbox"/> Other (Specify) _____	ESTIMATED COST	
		\$	
<b>RAILROAD GRADE CROSSING</b>	<input type="checkbox"/> Signals <input type="checkbox"/> Widening <input type="checkbox"/> Reconstruction <input type="checkbox"/> Gates <input type="checkbox"/> Other (Specify) _____	ESTIMATED COST	
		\$	
<b>BRIDGE STRUCTURES</b>	<input type="checkbox"/> Widening <input type="checkbox"/> Replacement <input type="checkbox"/> Railing Replacement <input type="checkbox"/> New <input type="checkbox"/> Repair (Specify) _____	ESTIMATED COST	
		\$	
<b>SAFETY ITEMS</b>	<input type="checkbox"/> Guardrail Upgrading (Incl. full bit shoulder) <input type="checkbox"/> Tree or Obstacle Removal <input type="checkbox"/> Guardrail Removal and Slope Flattening <input type="checkbox"/> Clearvision Grading and Clearing <input type="checkbox"/> Superelevation Corrections <input type="checkbox"/> Culvert Extensions <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> Sidewalk Ramps	ESTIMATED COST	
		\$	
<b>MAINTAINING TRAFFIC/ DETOURS</b>	<input type="checkbox"/> Temporary Signing or Lighting <input type="checkbox"/> Detour Improvements <input type="checkbox"/> Flag Control <input type="checkbox"/> Lighted Arrows <input type="checkbox"/> Traffic Signals <input type="checkbox"/> Barricades <input type="checkbox"/> Temporary Tape <input type="checkbox"/> Minor Traffic Devices <input type="checkbox"/> Other (Specify) _____	ESTIMATED COST	
		\$	
<b>PERMANENT PAVEMENT MARKINGS, SIGNS, ETC.</b>	<input type="checkbox"/> Fast Dry Paint <input type="checkbox"/> Permanent Signs <input type="checkbox"/> Cold or Hot Applied Markings <input type="checkbox"/> Signalization <input type="checkbox"/> Other (Specify) _____	ESTIMATED COST	
		\$	
<b>UTILITY REPLACEMENTS</b>	<input type="checkbox"/> Sanitary Sewer <input type="checkbox"/> Water <input type="checkbox"/> _____ <input type="checkbox"/> Storm Sewer <input type="checkbox"/> Other (Specify) _____	ESTIMATED COST	
		\$	
<b>MISCELLANEOUS ITEM</b>	<input type="checkbox"/> Restoration: Seeding, Sod, etc. <input type="checkbox"/> Clear Vision Fencing <input type="checkbox"/> Other (Specify) _____	ESTIMATED COST	
		\$	

TOTAL CONSTRUCTION COSTS      \$ \_\_\_\_\_

COST PER MILE      \$ \_\_\_\_\_

3. IS THE ROAD CURRENTLY A PUBLIC ROAD OPEN TO TRUCK TRAFFIC?  YES  NO

4. IS THE ROAD CURRENTLY AT ALL-SEASON STANDARDS?  YES  NO

5. WILL THE PROPOSED TRANSPORTATION PROJECT BE CONSTRUCTED TO ALL-SEASON DESIGN STANDARDS?  YES  NO  
 If NO, please explain why?

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6. WILL THE PROPOSED TRANSPORTATION PROJECT BE A PUBLIC ROAD OPEN TO TRUCK TRAFFIC?  YES  NO  
 If NO, please explain why?

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7. IS THERE A LOCAL ORDINANCE REQUIRING MINIMUM DESIGN STANDARDS?  YES  NO  
 If YES, please explain in #8 below.

8. EXPLANATION OF LOCAL DESIGN REQUIREMENTS OR ANY UNUSUAL CIRCUMSTANCES AFFECTING COSTS.

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**RIGHT OF WAY**

9. RIGHT-OF-WAY (R.O.W.) - Eligible right-of-way purchase or donation is limited to the right-of-way necessary for the road improvement. A value estimate or appraisal of the property is required for all eligible projects.

COST OF R.O.W.	\$	ESTIMATED DATE OF PURCHASE		R.O.W. LENGTH	
LIST THE AGENCY(IES) OR FIRM(S) PURCHASING OR DONATING THE R.O.W.		ESTIMATED DATE OF DONATION		R.O.W. WIDTH	

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PREPARER (Please type or print name)	TITLE	PHONE NO.	E-MAIL
PREPARER'S (Signature)			DATE