

Michigan Department of Transportation
Project Scoping Checklist

Job #=
Region=
Route=
Major CS=
BMP=
EMP=
Length=
Project Category: [Preserve] [Improve/Expand] [Preventive Maintenance]
Project Location:

Description:

Fix Life:
Work Type:
Priority:=
Rec. Letting Quarter:=
Highway System: [Interstate] [NHS] [STP] [STP<5000]
Pavement Design: [Completed] [Not Completed]
Exist. Pavement Type: [Rigid] [Flexible] [Composite]
Design Exception: [Required] [Not Required]
Sugg. Year of Fix:
Non Attainment Area: [Yes] [No] Est. Constr. Duration:
Project Justification:

PPMS CHARACTERISTICS

Average Daily Traffic:
No. of Structures: Small (<1,000 sq. ft., Span >20 ft.).....
 Medium (1,000 - 15,000 sq.ft).....
 Large (>15,000 sq.ft.).....
 Other (Span < 20ft.).....

Road Type:
Environmental Type:
Development Class:

Wet Lands Involvement:
Local Variance Req:
FHWA Involvement:
Local Agreement Req:
Constructed Under Traffic:
Coastal Zone Involvement:
Subgr Wk/WkOut Exst Shldrs:
Airport Involvement:
EPE Corridor mapping:
Electrical Involvement:
Type of Topographic Survey:

Stream Crossing/Flood Plains:
Navigate Waterways:
Railroad Companies:
Municipal Utility Companies:
Signal Locations:
Noise Walls:
Railroad Over Highways:
Private Utility Companies:
Row Parcels:
Relocation Units:
Start Date: 00/00/0000

Permits/Agreements

Statutory Participation
Drainage Agreements
Corps of Engineers
County Drain
DNR

Parking Agreements
Utility Reloc Agreement
Nonmotor. Maint. Agrmnts.
NPDES
Participation (Other)

Project Support

Legislative Request
Poor PMS Rating
District Request
Local Government Rqst.
Poor Sufficiency Rating

Citizen Complaint
Safety Rating
Litigation Request
Poor BMS Rating
Congestion

Review Items

ROW Maps
Sufficiency Rating
Pvmt Mgmt Sys
Traffic Counts - X-roads
Accident History
Pvmt Marking Inventory
Safety Projects
Sign Inventory
Borings/Cores
Guardrail Inv/Attenuators

Old Construction Plans
Control Section Log
Bridge Mgmt System
Bridge Inspection Rpt.
Geometric Review
Hazardous Materials
Signal Inventory
Erosion & Sedimentation
Watermain Loc or Reloc

Survey Items

Aerial Survey
Safety Analysis
Soil Borings
Traffic Counts
Drainage
Vert. & Horizont. Align.
Government Corners

Utilities
Friction Tests
Pavement Cores
Plastic Deformation
Bridge Cores
Cross Sections
OTH?

COST ESTIMATES

Safety Related Work:

Comments:

Median Protection:
Guardrail Upgrading (inc. Shoulder)
Superelevation Modification
Tree Removal/Trimming
Sidewalk Ramps
R.R. Crossings (Coordinate with R.R. Section)
Mailboxes
Structures
Utility Poles
Other

Cost

Filler Walls:
Guardrail Removal/Slope Flattening
Clear Vision (Grading/Clearing)
Fixed Object Removal
Culvert Extension/Headwall Removal
Curb and Gutter
Drainage Ditches Advertising Signs
Impact Attenuators

Cost

Cost Subtotal:

Mainline Pavement	Cost	Cost
Comment:		
Concrete Resurfacing		Bituminous Resurfacing
Shoulder Surfacing		Curb and Gutter
Cold Mill		Remove and Replace Pavement
Aggregate BSE/Surf		Crown Modification
Crack and Seat		Undercutting
Rubblizing/Pulver or Crush & Shape		Earth Work
Trenching/Station Grading		Subbase
Ride Quality Bit/Conc.		Bit/Conc.Quality Initiative
Quality Control Testing		Other
		Cost Subtotal:

Nonmotorized	Cost	Cost
Comment:		
Surfacing NM Path		Shoulder
Independent		Other
		Cost Subtotal:

Geometric Improvement	Cost	Cost
Comment:		
Detail II and III Approaches		Intersection Improvemnt - Passing Flares
Intersection Improvements - Turn Lanes		Intersection Improvemnt - Realignment
Ramp Extensions		Roadside Curbed Islands
Commerical Driveways		Ramp Widening
Gore Flattening		Lane Drop Taper Revisions
Other		
		Cost Subtotal:

Vertical./Horiz Alignment	Cost	Cost
Comment:		
Passing Sight Distance Imp.		Stopping Sight Distance Imp.
Safety Related Grading		Intersection Sight Distance
Brush Clearing		Other
		Cost Subtotal:

Bridge Repair, Widening, Replacemt	Cost	Cost
Comment:		
Bridge Design Input		Bridge Maintenance Input
Coordinate w/Bridge Call		Bridge Removal
Bridge Replacement		Super Structure Replacement
Bridge Widening		Deck Overlay
Substructure Repair		Bridge Railing
Bridge Approach		Guardrail Anchorage
Shoulder		Deck
Painting		Joint Repair
Joint Replacement		Pin and Hangers
Design Exception (Width and Railing)		Other
		Cost Subtotal:

Drainage	Cost	Cost
Comment:		
Ditching		Culvert Replacement
Storm Sewer Adjust/Const		Retrofitting Pavement Drains
Underdrains		Curb and Gutter (Erosion Cont)
Paved Ditches		Retention/Detention
Other		

Cost Subtotal:

Joint Repair/Pavement Patching	Cost	Cost
Comment:		
Detail 7s		Detail 8s
Hand Patching		Concrete Pavement Repair (Jt Log)
Longitudinal Joint Repair		Milled Joint Repair
Diamond Grinding		Route and Seal
Other		

Cost Subtotal:

Maintaining Traffic	Cost	Cost
Comment:		
Temporary Signing		Barricades
Lighted Arrows		Temporary Tape
Flag Control		Minor Traffic Devices
Detour Improvements - Signals		Detour Improvements - Signing
Detour Improvements - Surfacing		Detour Improvements - Marking
Temporary Traffic Signals		Temporary Roads
Temporary Bridges		Changeable Message Signs
Temporary Concrete Barrier		Temporary Attenuators
Temporary Culverts		Temporary Crossovers
Night Work		Incentive/Disincentive
Other		

Cost Subtotal:

Permanent Traffic Control Devices	Cost	Cost
Comment:		
Paint		Cold or Hot Applied Markings
Permanent Signing		Permanent Traffic Signals
Delineators		Raised Pavement Markers
Other		

Cost Subtotal:

Environmental	Cost	Cost
Comment:		
Hazardous Materials Testing		Wetland Mitigation
Act 307		Archeological Sites
Historical Sites		Superfund Sites
Endangered Species		Hazmat Mitigation
Other		

Cost Subtotal:

Miscellaneous

Cost

Cost

Comment:

Restoration: Seed, Sod, etc.
Mobilization
Carpool Lot
Berm (Shoulder Edge) Removal
Lighting

Fencing
Public Utilities
Roadside Park/Rest Area
Erosion Control
Other

Cost Subtotal:

ROW

Cost

Cost

Comment:

Grading Permits - Number of Parcels
Drainage Easements
Access Rights/Agreements

Drive Relocation
Air Rights
Other

Cost Subtotal:

TOTAL CONSTRUCTION COST: