

AGENDA

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION and NATURAL RESOURCES COMMITTEE  
STATE ADMINISTRATIVE BOARD

T&NR Meeting: September 11, 2002 - Secretary of State's Office, 3:30 PM  
State Administrative Board Meeting: September 17, 2002 - State Capitol, 11:00 AM

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**SUBCONTRACTS**

- |           |   |                            |                      |
|-----------|---|----------------------------|----------------------|
| <b>1.</b> | <b>Thompson McCully Co.<br/>1600 N. Elm<br/>Jackson, MI</b> | <b>Asphalt Resurfacing</b> | <b>\$ 139,452.60</b> |
|-----------|---|----------------------------|----------------------|

Approval is requested to authorize the Hillsdale County Road Commission to award a subcontract for Asphalt resurfacing, gravel shoulders, and pavement marking on M-99 from the north city limits of Litchfield northwesterly to the county line for a distance of 1.68 miles. The project includes pavement marking and traffic control. The project was advertised, and one bid was received and accepted. The contract term will be from the date of award through September 30, 2002. Source of Funds: 100% State Restricted Trunkline Funds.

- |           |  |                                   |                     |
|-----------|--|-----------------------------------|---------------------|
| <b>2.</b> | <b>Vaisala Inc.<br/>100 Commerce Way<br/>Woburn, MA 01801-1068</b> | <b>Ice Detectors Installation</b> | <b>\$ 62,460.00</b> |
|-----------|--|-----------------------------------|---------------------|

Approval is requested to authorize the Oakland County Road Commission to award a subcontract to install ice detectors at the intersections of I-275/I-96/I-696 in the cities of Farmington Hills and Hazel Park. The project meets the requirements set forth under MDOT Guidance Document 10084 for sole/best source contracting. The County already has a contract with Vaisala for four existing systems similar to the new ones. These systems are compatible with the new ones unlike the previous system. The contract term will be from the date of award through September 30, 2002. Source of Funds: 100% State Restricted Trunkline Funds.

3. **Rieth-Riley Construction Co. Inc.**                      **Asphalt Pavement**                      **\$ 82,960.00**  
**P.O. Box 278**  
**Ada, MI 49301**

Approval is requested to authorize the Muskegon County Road Commission to award a subcontract to replace the asphalt on a six-lane portion of Apple Avenue (M-46) at the intersection of US-31 in Muskegon County. The project includes pavement marking, traffic control, milling, and resurfacing. The project was advertised, and one bid was received and accepted. The contract term will be from the date of award through November 4, 2002. Source of Funds: 100% State Restricted Trunkline Funds.

4. **Thompson McCully Company**                      **Milling and**                      **\$ 29,787.00**  
**P.O. Box 309**                      **Bituminous Surfacing**  
**Comstock Park, MI 49321**

Approval is requested to authorize the Ottawa County Road Commission to award a subcontract for cold milling and bituminous surfacing on northbound US-31 from 485' south to 50' north of the Memorial Bridge in Grand Haven, Ottawa County. The project was advertised, and one bid was received and accepted. The contract term will be from the date of award through October 30, 2002. Source of Funds: 100% State Restricted Trunkline Funds.

5. **Thomas J. Moyle Jr., Inc.**                      **Shoulder Repair**                      **\$ 118,983.50**  
**46702 Hwy M-26**  
**Houghton, MI 49931**

Approval is requested to authorize the Houghton County Road Commission to award a subcontract to repair shoulder and ditch washouts for 2,200' on the west side and 480' on the east side of M-26 near Tri Mountain (0.425 miles south of South Range). The damage was caused by the rapid snow melt last April and was identified as part of the Governor's declaration of state disaster for Houghton County. The project was advertised, and three bids were received. The lowest bid was accepted. The contract term will be from the date of award through October 30, 2002. Source of Funds: 80% Federal Highway Administration Funds and 20% State Restricted Trunkline Funds.

6. **Hallack Contracting, Inc.**                      **Downspout Replacement**                      **\$ 26,015.00**  
**4223 W. Polk Road**  
**Hart, MI**

Approval is requested to authorize the Oceana County Road Commission to award a subcontract for the removal and replacement of 92' of 24" downspout on northbound US-31 by the north branch of the Pentwater River Bridge. The project was advertised, and one bid was received and accepted. The contract term will be from the date of award through November 1, 2002. Source of Funds: 100% State Restricted Trunkline Funds.

**CONTRACTS**

7. MUNICIPAL - Cost Participation for Local Agency Construction Contract  
 Amendatory Contract (2002-5270) between MDOT and the City of Battle Creek will provide for participation in the construction under contract by the City of the following Transportation Enhancement improvements:

PART A

Construction work for the Northside Parks pedestrian/bicycle path from the intersection of Glenbuban Boulevard and North Washington Street southeasterly through Claude Evans Park to Parkway Drive and along Parkway Drive easterly to the existing pedestrian/bicycle path in Irving Park.

PART B

Construction work for a pedestrian/bicycle path from Leila Arboretum to and around Fell Park and boardwalk work at the Sperry Drain Crossing.

Estimated Funds:

	<u>PART A</u>	<u>PART B</u>	<u>TOTAL</u>
Federal Highway Administration Funds	\$ 90,994.40	\$282,240.00	\$373,234.40
City of Battle Creek Funds	<u>\$ 22,748.60</u>	<u>\$ 70,560.00</u>	<u>\$ 93,308.60</u>
Total Funds	<u>\$113,743.00</u>	<u>\$352,800.00</u>	<u>\$466,543.00</u>

STE 13411 - 54936/58131; Calhoun County  
 Local Letting

The purpose of this amendment is to provide for additional pedestrian/bicycle path construction as described in PART B and the associated increase in the estimated project cost.

\*Denotes a non-standard contract/amendment

8. MUNICIPAL - Cost Participation for Local Agency Construction Contract  
 Contract (2002-5411) between MDOT and the City of Lansing will provide for participation in the construction under contract by the City of the following Transportation Enhancement improvements:

Bituminous bicycle path work along both sides of Aurelius Road from Mt. Hope Avenue northerly to Elizabeth Street, including curb and gutter installation work and the removal of the outside traffic lanes.

Estimated Funds:

Federal Highway Administration Funds	\$392,000
City of Lansing Funds	<u>\$ 98,000</u>
Total Funds	<u>\$490,000</u>

STE 33403 - 58565; Ingham County  
 Local Letting

9. MUNICIPAL - Cost Participation for Local Agency Construction Contract  
 Contract (2002-5429) between MDOT, the City of Farmington Hills, and the City of Farmington will provide for participation in the construction under contract by the City of the following Transportation Enhancement improvements:

Landscaping work along Farmington Road from Eight Mile Road to Slocum Drive, including trees and flower bed work.

Estimated Funds:

Federal Highway Administration Funds	\$71,653
City of Farmington Hills Funds	<u>\$19,047</u>
Total Funds	<u>\$90,700</u>

STE 63459 - 46852; Oakland County  
 Local Letting

10. MUNICIPAL - Cost Participation for Local Agency Construction Contract  
Contract (2002-5430) between MDOT and the Village of Holly will provide for participation in the construction under contract by the Village of the following Transportation Enhancement improvements:

Restoration work for the historic Holly Grand Trunk Train Depot at the intersection of the Canadian National Railroad and the CSX Railroad in the Village of Holly, Michigan, including brick masonry repair and replacement, windows, doors, frames, downspouts, gutters, electrical service, and exterior lighting work.

Estimated Funds:

Federal Highway Administration Funds	\$ 87,450.00
Village of Holly Funds	\$ <u>23,246.20</u>
Total Funds	<u>\$110,696.20</u>

STE 63477 - 54884; Oakland County  
Local Letting

11. MUNICIPAL - Cost Participation for Local Agency Construction Contract  
Contract (2002-5454) between MDOT and the City of Allegan will provide for participation in the construction under contract by the City of the following Transportation Enhancement improvements:

Creation of an open channel to improve water quality along Cook Drain between Cook Street and River Street.

Estimated Funds:

Federal Highway Administration Funds	\$142,460.29
City of Allegan Funds	\$ <u>61,054.00</u>
Total Funds	<u>\$203,514.29</u>

STE 03041 - 54900; Allegan County  
Local Letting

12. MUNICIPAL - Cost Participation for Construction Contract  
Contract (2002-5457) between MDOT and the City of Holland will provide for participation in the following improvements:

Purchase and installation of a wheelchair lift at the Holland Train Depot.

Estimated Funds:

Federal Highway Administration Funds	\$ 9,000
City of Holland Funds	<u>\$ 2,000</u>
Total Funds	<u>\$11,000</u>

STU 70401 - 59895; Ottawa County  
Local Force Account

13. MUNICIPAL - Cost Participation for Local Agency Construction Contract  
Contract (2002-5460) between MDOT and the City of Northville will provide for participation in the construction under contract by the City of the following Transportation Enhancement improvements:

Bituminous bicycle path construction work for the 8 Mile Road Bike Path from Center Street to Taft Road, including a plaza, planters, benches, grading, and drainage improvement work.

Estimated Funds:

Federal Highway Administration Funds	\$140,000
City of Northville Funds	<u>\$140,000</u>
Total Funds	<u>\$280,000</u>

STE 82400 - 58216; Wayne County  
Local Letting

14. MUNICIPAL - Cost Participation for Local Agency Construction Contract  
Contract (2002-5461) between MDOT and the City of Detroit will provide for funding participation in the construction under contract by the City of the following Transportation Enhancement improvements:

Streetscaping work along Bagley Avenue from 24<sup>th</sup> Street to 16<sup>th</sup> Street, including curb, sidewalk, and miscellaneous construction work.

Estimated Funds:

Federal Highway Administration Funds	\$534,400
City of Detroit Funds	<u>\$133,600</u>
Total Funds	<u>\$668,000</u>

STE 82400 - 46556; Wayne County  
Local Letting

15. MUNICIPAL - Cost Participation for Local Agency Construction Contract  
Contract (2002-5469) between MDOT and the City of Ypsilanti will provide for funding participation in the construction under contract by the City of the following Transportation Enhancement improvements:

Restoration and renovation work for the Historic Ypsilanti Auto Heritage Collection, located at 100 Cross Street, Ypsilanti, Michigan.

Estimated Funds:

Federal Highway Administration Funds	\$189,469.00
City of Ypsilanti Funds	<u>\$102,021.77</u>
Total Funds	<u>\$291,490.77</u>

STE 81406 - 54942; Washtenaw County  
Local Letting

16. AERONAUTICS - Amend Amount

Amendatory Contract (2001-0194/A1) between MDOT and City of Grand Haven will increase grant funds by \$2,708 for additional court costs because of condemnation at Grand Haven Memorial Airport in Grand Haven, Michigan. The original contract provides for land acquisition of Parcels E4, E6, E18, E19, E24, E30-E36, and E38, including attorney and expert witness fees. The term of the contract remains unchanged, May 10, 2001, through May 9, 2004. The revised total contract amount will be \$318,708. Source of Funds:

	<u>Previous</u>	<u>Increase Revised</u>	
Federal Aviation Administration Funds	\$284,400	\$2,437	\$286,837
State Restricted Aeronautics Funds	\$ 0	\$ 0	\$ 0
City of Grand Haven Funds	<u>\$ 31,600</u>	<u>\$ 271</u>	<u>\$ 31,871</u>
Total	<u>\$316,000</u>	<u>\$2,708</u>	<u>\$318,708</u>

17. \*AERONAUTICS - Rehabilitate Runway Lights and Windcone; Relocate Beacon

Memorandum of Understanding (MOU) (2002-0653) between MDOT and the Mackinac Island State Park Commission will provide Federal and State grant funds for the rehabilitation of the Runway End Indicator Lights (REILs) and the windcone and the relocation of the beacon at Mackinac Island Airport on Mackinac Island, Michigan. The Commission will have 36 months from the date of award to complete the project items. The contract will be in effect from the date of award through twenty years. Source of Funds: Federal Aviation Administration Funds (via Block Grant) - \$49,570; State Restricted Aeronautics Fund - \$5,507; Contract Total - \$55,077.

18. AERONAUTICS - Security Fencing

Contract (2002-0687) between MDOT and the City of Charlevoix will provide Federal and State grant funds for installation of security fencing (1,550 feet) at the Charlevoix Municipal Airport in Charlevoix, Michigan. Federal funds will be made available through a grant from the Federal Aviation Administration (FAA). The contract will be in effect for a period of 36 months from the date of award. Source of Funds: Federal Aviation Administration Funds (via Block Grant) - \$115,000; State Restricted Aeronautics Funds - \$6,389; City of Charlevoix Funds - \$6,389; Contract Total - \$127,778.

\*Denotes a non-standard contract/amendment

19. AERONAUTICS - Construction Services  
Contract (2002-0689) between MDOT and the MBS International Airport Commission will provide Federal and State grant funds for installation of a passenger loading bridge with building modifications, construction of a Snow Removal Equipment (SRE) storage building, rehabilitation of general aviation apron, rehabilitation of portions of the entrance and perimeter roads, and purchase of fingerprinting equipment at the MBS International Airport in Saginaw, Michigan. Federal funds will be made available through a grant from the Federal Aviation Administration (FAA). The contract will be in effect for a period of 36 months from the date of award. Source of Funds: Federal Aviation Administration Funds (via Block Grant) - \$831,600; State Restricted Aeronautics Funds - \$46,200; MBS International Airport Commission Funds - \$46,200; Contract Total - \$924,000.
20. AERONAUTICS - Airport Security  
Contract (2002-0690) between MDOT and the Northwestern Regional Airport Commission (NRAC) will provide Federal and State grant funds for a security access control system, security fingerprint equipment, and security blast analysis at the Cherry Capital Airport in Traverse City, Michigan. Federal funds will be made available through a grant from the Federal Aviation Administration (FAA). The contract will be in effect for a period of 36 months from the date of award. Source of Funds: Federal Aviation Administration Funds (via Block Grant) - \$906,500; State Restricted Aeronautics Funds - \$46,500; NRAC Funds - \$47,000; Contract Total - \$1,000,000.
21. AERONAUTICS - Construct Terminal Building  
Contract (2002-0691) between MDOT and the Emmet County Board of Commissioners will provide Federal and State grant funds for construction of a terminal building (Phase II) at the Pellston Regional Airport in Pellston, Michigan. Federal funds will be made available through a grant from the Federal Aviation Administration (FAA). The contract will be in effect for a period of 36 months from the date of award. Source of Funds: Federal Aviation Administration Funds (via Block Grant) - \$2,425,003; State Restricted Aeronautics Funds - \$134,722; Emmet County Funds - \$275,538; Contract Total - \$2,835,264.
22. CONSTRUCTION & TECHNOLOGY - IDS Research Services  
Authorization (Z29) under Contract (94-1699) between MDOT and the Michigan State University will provide for research services for literature review and preliminary investigation on the effects of heavy multi-axle trucks on pavement distress. The authorization (Z29) is for \$182,237, and the authorization will be in effect from the date of award through September 30, 2003. The contract term is January 17, 1995, through September 30, 2003. Source of Funds: 80% Federal Highway Administration (\$145,789.60) and 20% State Restricted Trunkline Funds (\$36,447.40).

23. CONSTRUCTION & TECHNOLOGY - IDS Engineering Services  
Authorization (Z1) under Contract (2002-0236) between MDOT and Finkbeiner, Pettis & Strout, Inc., will provide for bridge scoping services for Macomb County. This authorization (Z1) is for \$119,838.71, and the authorization will be in effect from the date of award through August 31, 2003. The contract term is March 26, 2002, through March 26, 2005. Source of Funds: 80% Federal Highway Administration Funds (\$95,870.97) and 20% State Restricted Trunkline Funds (\$23,967.74).
24. DESIGN - Increase Service and Amount; Extend Term  
Amendatory Contract (87-0660/A13) between MDOT and the National Oceanic and Atmospheric Administration, National Ocean Service (NOS), will provide for the full-time services of a NOS Geodetic Advisor, increase the contract amount by \$49,600, and extend the contract term by twelve months. The original contract provides for a geodetic advisor to be housed in MDOT to serve as a liaison between MDOT and NOS, perform training as needed, suggest improvements in techniques or procedures, monitor field operations and results, inspect monumentation, supervise and aid in the performance of mark maintenance in MDOT, and aid MDOT in office and field with any geodetic control work in which NOS has an interest. The revised contract term will be September 18, 1987, through September 30, 2003. The revised total contract amount will be \$746,120. Source of Funds: 100% State Restricted Trunkline Funds.
25. DESIGN - IDS Design Consultant Services  
Authorization (Z27) under Contract (2000-0160) between MDOT and Fishbeck, Thompson, Carr & Huber, Inc., will provide for the design of the M-120 Rehabilitation Project in Dalton, Ceder Creek, and Holton Townships, Muskegon County (CS 61012 - JN 45828C ). The work items include preparing required plans and typical cross-sections and performing storm sewer design calculations and related hydraulic and hydrologic design studies. The length of this project is 10.96 miles. This authorization (Z27) is for \$219,414.07, and the authorization will be in effect from the date of award through March 9, 2003. The contract term is March 9, 2000, through March 9, 2003. Source of Funds: 100% State Restricted Trunkline Funds.
26. DESIGN - IDS Design Consultant Services  
Authorization (Z12) under Contract (2000-0188) between MDOT and Aero-Metric, Inc., will provide for the design survey of I-69, Elms Road to M-15, Genesee County (CS 25042, 25085 and 25084 - JN 592060). The work items include photogrammetric control survey, aerial photography and aerial mapping. The length of this project is 16 miles. This authorization (Z12) is for \$197,680.00, and the authorization will be in effect from the date of award through March 9, 2003. The contract term is March 9, 2000, through March 9, 2003. Source of Funds: 100% State Restricted Trunkline Funds.

27. DESIGN - Increase Scope and Amount  
Amendatory Contract (2000-1010/A2) between MDOT and The Corradino Group will add econometric modeling and additional public engagement work to the project and increase the contract amount by \$175,000. The original contract provides for, as phase one, a feasibility study of the Detroit Intermodal Freight Terminal (DIFT), and, as phase two, an early preliminary engineering study of DIFT, located in the cities of Detroit and Dearborn in Wayne County (CS 82900 - JN 49860). The contract term remains unchanged, February 5, 2001, through December 31, 2004. The revised total contract amount will be \$4,498,790. Source of Funds: 80% Federal Highway Administration Funds and 20% State Restricted Trunkline Funds.
28. DESIGN - Increase Scope and Amount  
Amendatory Contract (2001-0896/A2) between MDOT and CH2M Hill Michigan, Inc., will add additional hydraulic and hydrologic analysis work and a hydraulic survey to the project work and will increase the contract amount by \$14,279.21. The original contract provides for the design and preparation of engineering documents and related work necessary for the design of I-75 at Crook and Long Lakes Roads, in Oakland County. (CS 63172 - JN 49565C). The contract term remains unchanged, November 14, 2001, through January 1, 2005. The revised total contract amount will be \$4,042,228.63. Source of Funds: 90% Federal Highway Administration Funds and 10% State Restricted Trunkline Funds.
29. DESIGN - IDS Design Consultant Services  
Authorization (Z4) under Contract (2001-0955) between MDOT and HNTB Michigan, Inc., will provide for the design of I-96 from I-94 to I-75 in Wayne County/CS 82124 - JN 48608C. The work items include reconstruction, ramp upgrading, and drainage work. The project length is 3.136 miles. This authorization (Z4) is for \$662,310.60, and the authorization will be in effect from the date of award through August 28, 2004. The contract term is August 28, 2001 through August 28, 2004. Source of Funds: 90% Federal Highway Administration Funds and 10% State Restricted Trunkline Funds.
30. DESIGN - Increase Scope and Amount  
Amendatory Contract (2002-0207/A1) between MDOT and Wade-Trim, Inc., will increase the contract amount by \$320,509.90 in order to provide for additional reconstruction work on I-96 and on eight bridges. The original contract provides for the design of I-96 (Telegraph Road to Jeffries Freeway), US-24 Telegraph Road, and Old M-14 Plymouth Road in the city of Detroit, Wayne Country. The contract term remains unchanged, March 29, 2002, through December 30, 2003. The revised total contract amount will be \$4,986,679.52. Source of Funds: 100% State Restricted Trunkline Funds, 90% Federal Highway Administration Funds and 10% State Restricted Trunkline Funds, or 80% Federal Highway Administration Funds and 20% State Restricted Trunkline Funds, depending on the specific job number.

31. \*DESIGN - IDS Design Consultant Services  
Contract (2002-0664) between the MDOT and Wilcox Professional Services, LLP, will enable MDOT to request specific design assistance services for cities, counties, and villages to be performed on an as needed/when needed basis with a written authorization. This consultant has been prequalified as a provider of these specific design services. The contract will be in effect from the date of award through 36 months, unless extended to complete projects. The total obligation of funds under this contract will not exceed \$2,000,000, and the maximum amount of any authorization will be \$400,000. Any authorization of \$100,000 or more will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.
32. \*DESIGN - IDS Design Consultant Services  
Contract (2002-0670) between the MDOT and Consoer Townsend Envirodyne Engineers of Michigan, Inc., will enable MDOT to request specific design assistance services for cities, counties, and villages to be performed on an as needed/when needed basis with a written authorization. This consultant has been prequalified as a provider of these specific design services. The contract will be in effect from the date of award through 36 months, unless extended to complete projects. The total obligation of funds under this contract will not exceed \$2,000,000, and the maximum amount of any authorization will be \$400,000. Any authorization of \$100,000 or more will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.
33. DESIGN - IDS Design Consultant Services  
Contract (2002-0682) between MDOT and Hardesty & Hanover, LLP, will enable MDOT to request specific design services to be performed on an as needed/when needed basis with a written authorization. The contract will be in effect from the date of award through 36 months, unless extended to complete projects. The total obligation of funds under this contract will not exceed \$3,000,000, and the maximum amount of each authorization will be \$1,000,000. Any individual authorization of \$100,000 or more will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or Local funds, depending on the particular project authorized.
34. DESIGN - IDS Design Consultant Services  
Contract (2002-0683) between MDOT and H.W. Lochner, Inc., will enable MDOT to request specific design services to be performed on an as needed/when needed basis with a written authorization. The contract will be in effect from the date of award through 36 months, unless extended to complete projects. The total obligation of funds under this contract will not exceed \$2,000,000, and the maximum amount of each authorization will be \$400,000. Any individual authorization of \$100,000 or more will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or Local funds, depending on the particular project authorized.

35. DESIGN - IDS Design Consultant Services  
Contract (2002-0686) between MDOT and HH Engineering, Ltd., will enable MDOT to request specific design services to be performed on an as needed/when needed basis with a written authorization. The contract will be in effect from the date of award through 36 months, unless extended to complete projects. The total obligation of funds under this contract will not exceed \$3,000,000, and the maximum amount of each authorization will be \$1,000,000. Any individual authorization of \$100,000 or more will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or Local funds, depending on the particular project authorized.
36. REAL ESTATE - IDS Real Estate Services  
Contract (2002-0680) between MDOT and Glenn F. Shaw will provide for all aspects of technical, appraisal, acquisition, and property management services for the Real Estate Division to be performed on an as needed/when needed basis. The contract will be in effect from the date of award through thirty-six months. The maximum contract amount will be \$500,000, and the maximum authorization amount of any authorization will be \$90,000. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the specific project of each authorization.
37. REAL ESTATE - IDS Real Estate Services  
Contract (2002-0684) between MDOT and Appraisal Associates of Marquette will provide for all aspects of technical, appraisal, acquisition, and property management services for the Real Estate Division to be performed on an as needed/when needed basis. The contract will be in effect from the date of award through thirty-six months. The maximum contract amount will be \$500,000, and the maximum amount of any authorization will be \$90,000. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the specific project of each authorization.
38. TRANSPORTATION PLANNING - Extend Term  
Amendatory Contract (94-0271/A3) between MDOT and the Regents of the University of Michigan will extend the term of the contract by twelve months to allow sufficient time for the University to complete the services. The original contract provides for Intelligent Transportation Systems (ITS) research on an as-needed/when-needed basis. The revised contract term will be October 4, 1994, through September 30, 2003. The total contract amount remains unchanged at \$1,250,000. Source of Funds: Federal Highway Administration Funds - \$1,000,000; State Restricted Trunkline Funds - \$250,000.

39. TRANSPORTATION PLANNING - Extend Term  
Amendatory Contract (2000-0050/A4) between MDOT and Cambridge Systematics will extend the term of the contract by six months to allow time for the consultant to negotiate and complete a revised scope of work. The revised scope and corresponding budget increase will be added through a future contract amendment. The original contract provides for an Intelligent Transportation Systems (ITS) Pre-Deployment Study to be conducted for the outer regions of Metropolitan Detroit. The revised contract term will be February 28, 2000, through March 31, 2003. The total contract amount remains unchanged at \$1,599,878. Source of Funds: Federal Highway Administration Funds - \$1,280,000; State Restricted Trunkline Funds - \$319,878.
40. \*UPTRAN - Rail Passenger Revenue Grant  
Amendatory Revenue Grant (96-0819/A6) between MDOT and the Federal Railroad Administration (FRA) will extend the contract term by 21 months and provide for additional Federal funding for the demonstration of a high-speed positive train control project on a segment of the Detroit-Chicago Corridor (Kalamazoo-Grand Beach, Michigan). This amendment will provide for an additional \$2,000,000 in FRA grant funds through MDOT to Amtrak. This additional funding and time extension will allow for the continuation of the incremental train control system (ITCS) software verification and validation program, third-party safety audit, and the requirement for the completion of the final report. The revised contract term will be August 1, 1996, through September 30, 2004. The revised total cost of the project will be \$38,582,145. Source of Funds: FRA Funds - \$19,074,576; State Restricted Comprehensive Transportation Funds - \$10,700,000; Amtrak Funds - \$3,891,000; General Electric Transportation Systems Global Signaling Funds - \$4,916,569.

TRAFFIC SIGNAL COST PARTICIPATION AGREEMENTS

41. BL-94 (Dickman) at Capital Avenue, Battle Creek, Calhoun County  
13121-01-004

	<u>Estimated Installation Cost</u>
City of Battle Creek Funds	\$ 1,040
State Restricted Trunkline Funds	\$ 1,041
FHWA Funds	\$ <u>20,810</u>
Total	\$ <u>22,891</u>

42. BL-94 (Dickman) at Kendall Street, Battle Creek, Calhoun County  
13121-01-005

	<u>Estimated Installation Cost</u>
City of Battle Creek Funds	\$ 1,326
State Restricted Trunkline Funds	\$ 1,326
FHWA Funds	\$ <u>26,520</u>
Total	\$ <u>29,172</u>

43. M-43 (Grand River) at Park Lake Road, Meridian Township, Ingham County  
33082-01-027

	<u>Estimated Installation Cost</u>
Ingham County Funds	\$ 503
Talon Development Group Funds	\$ 503
State Restricted Trunkline Funds	\$ 1,009
FHWA Funds	\$ <u>20,151</u>
Total	\$ <u>22,166</u>

44. US-131 SB Off Ramp at Century, Grand Rapids, Kent County  
41131-01-012

	<u>Estimated Installation Cost</u>
City of Grand Rapids Funds	\$ 2,132
State Restricted Trunkline Funds	\$ 1,050
FHWA Funds	\$ <u>31,815</u>
Total	\$ <u>34,997</u>

45. I-94 WB Off Ramp at N. River Road, Harrison Township, Macomb County  
50111-01-106

	<u>Estimated Installation Cost</u>
Macomb County Funds	\$ 3,423
State Restricted Trunkline Funds	\$ 1,686
FHWA Funds	\$ <u>42,572</u>
Total	\$ <u>47,681</u>

46. US-31BR (Seaway Drive) at Summit, Norton Shores, Muskegon County  
61151-01-004

	<u>Estimated Installation Cost</u>
City of Muskegon Heights Funds	\$ 585
City of Norton Shores Funds	\$ 585

\*Denotes a non-standard contract/amendment

	State Restricted Trunkline Funds	\$	1,173
	FHWA Funds	\$	<u>23,432</u>
	Total	\$	<u>25,775</u>
47.	<u>Old BL-96 (Grand River) at 9 Mile/Orchard Lake, Farmington Hills, Oakland County</u> 63021-01-008		
		<u>Estimated Installation Cost</u>	
	Oakland County Funds	\$	1,461
	State Restricted Trunkline Funds	\$	1,462
	FHWA Funds	\$	<u>20,879</u>
	Total	\$	<u>23,802</u>
48.	<u>US-10BR (Chestnut) at US-10BR (Church), Reed City, Osceola County</u> 67011-01-001		
		<u>Estimated Installation Cost</u>	
	City of Reed City Funds	\$	591
	State Restricted Trunkline Funds	\$	1,773
	FHWA Funds	\$	<u>23,641</u>
	Total	\$	<u>26,005</u>
49.	<u>BL-75 (Otsego) at MC Coy Road, Bagley Township, Otsego County</u> 69011-01-004		
		<u>Estimated Installation Cost</u>	
	Otsego County Funds	\$	1,041
	State Restricted Trunkline Funds	\$	1,041
	FHWA Funds	\$	<u>20,815</u>
	Total	\$	<u>22,897</u>
50.	<u>Old M-14 (Ann Arbor) at Lilley (Mill Street), Plymouth, Wayne County</u> 82101-01-028		
		<u>Estimated Installation Cost</u>	
	Wayne County Funds	\$	4,242
	State Restricted Trunkline Funds	\$	4,243
	FHWA Funds	\$	<u>53,033</u>
	Total	\$	<u>61,518</u>

\*Denotes a non-standard contract/amendment



In accordance with MDOT's policies and procedures and subject to concurrence by the Federal Highway Administration, the preparation and execution of the appropriate documents approved by the Attorney General, and compliance with all legal and fiscal requirements, the Director recommends for approval by the State Administrative Board the items on this agenda.

The approval by the State Administrative Board of these contracts does not constitute the award of same. The award of contracts shall be made at the discretion of the Director-Department of Transportation when the aforementioned requirements have been met. Subject to exercise of that discretion, I approve the contracts described in this agenda and authorize their award by the responsible management staff of MDOT to the extent authorized by, and in accordance with, the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of January 16, 2001.

Respectfully submitted,

Gregory J. Rosine  
Director

AGENDA

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION and NATURAL RESOURCES COMMITTEE  
STATE ADMINISTRATIVE BOARD

**Special** T&NR Meeting: September 11, 2002 - Secretary of State's Office, 3:30 PM  
**Special** State Administrative Board Meeting: September 13, 2002 - State Capitol, 11:00 AM

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**CONTRACTS**

1. **AERONAUTICS - Airport Awareness Project/Air Service Program**  
Contract (2002-0677) between MDOT and the Houghton County Board of Commissioners providing for a grant in implementing the Airport Awareness Project under the Michigan Air Service Program at Houghton County Memorial Airport. The contract will be in effect for a period of 12 months from the date of award. The cost of the project is estimated to be \$22,222; \$20,000 from State Restricted Aeronautics funds, and \$2,222 from the Houghton County Board of Commissioners.
  
2. **AERONAUTICS - Airport Awareness Project/Air Service Program**  
Contract (2002-0678) between MDOT and the Muskegon County Board of Commissioners providing for a grant in implementing the Airport Awareness Project under the Michigan Air Service Program at Muskegon County Airport. The contract will be in effect for a period of 12 months from the date of award. The cost of the project is estimated to be \$22,222; \$20,000 from State Restricted Aeronautics funds, and \$2,222 from the Muskegon County Board of Commissioners.
  
3. **AERONAUTICS - Airport Awareness Project/Air Service Program**  
Contract (2002-0679) between MDOT and the Marquette County Board of Commissioners providing for a grant in implementing the Airport Awareness Project under the Michigan Air Service Program at Sawyer International Airport. The contract will be in effect for a period of 12 months from the date of award. The cost of the project is estimated to be \$22,222; \$20,000 from State Restricted Aeronautics funds, and \$2,222 from the Marquette County Board of Commissioners.

4. \*AERONAUTICS - Air Service Development Grant from USDOT  
Contract (2002-0681) between MDOT and the United States Department of Transportation (USDOT) is a grant contract issued under the Small Community Air Service Development (SCASD) Pilot Program authorized by USDOT appropriations under P.L. 107-42. The Grant is issued to MDOT, and MDOT issues sub-grants to local communities for air service development projects. Each of the sub-grants will be presented to the State Administrative Board for approval. Each sub-grant will be used to fund 75% of a development project, with the remaining 25% coming from State and/or local funds. The amount of the Grant issued to MDOT is \$120,000. The grant contract will be in effect from the date of award through two years.
5. AERONAUTICS - Airport Awareness Project/Air Service Program  
Contract (2002-0692) between MDOT and the Manistee County-Blacker Airport Authority providing for a grant in implementing the Airport Awareness Project under the Michigan Air Service Program at Manistee County-Blacker Airport. The contract will be in effect for a period of 12 months from the date of award. The cost of the project is estimated to be \$22,222; \$20,000 from State Restricted Aeronautics funds, and \$2,222 from the Manistee County-Blacker Airport Authority.
6. \*UPTRAN - Freight Preservation & Development  
Contract (2002-0663) between MDOT and the Consolidated Rail Corporation (Conrail) will provide financial assistance for the expansion of the Livernois Yard Intermodal Terminal. This project will provide a state of the art facility to accommodate increased intermodal traffic and will promote economic development in the City of Detroit. The total cost of the project is estimated to be \$10,100,000. MDOT's loan will be \$4,500,000, or up to 50 percent of the project cost. Provisions included in the contract permit the loan to be forgiven incrementally over a five-year period if Conrail meets its shipping commitment. The contract will be in effect from the date of award until the loan has been forgiven or fully repaid, until the contract is terminated, or until the last obligation between the parties has been fulfilled. Source of Funds: FY 2002 State Restricted Comprehensive Transportation Funds - \$4,500,000; Consolidated Rail Corporation Funds - \$5,600,000.
7. \*UPTRAN - Freight Preservation & Development  
Contract (2002-0652) between MDOT and the Central Michigan Railway Company will provide for the rehabilitation of the San Yard, located in Owosso, Michigan. The yard is owned by the Central Michigan Railway Company and leased by MDOT for rail operations. The contract will be in effect from the date of award until one (1) year after the last obligation between the parties has been fulfilled. The total cost of the project is \$750,000. Source of Funds: FY 2002 State Restricted Comprehensive Transportation Funds - \$750,000.

In accordance with MDOT's policies and procedures and subject to concurrence by the Federal Highway Administration, the preparation and execution of the appropriate documents approved by the Attorney General, and compliance with all legal and fiscal requirements, the Director recommends for approval by the State Administrative Board the items on this agenda.

The approval by the State Administrative Board of these contracts does not constitute the award of same. The award of contracts shall be made at the discretion of the Director-Department of Transportation when the aforementioned requirements have been met. Subject to exercise of that discretion, I approve the contracts described in this agenda and authorize their award by the responsible management staff of MDOT to the extent authorized by, and in accordance with, the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of January 16, 2001.

Respectfully submitted,

Gregory J. Rosine  
Director

**SUPPLEMENTAL AGENDA**

**DEPARTMENT OF TRANSPORTATION**

**TRANSPORTATION and NATURAL RESOURCES COMMITTEE  
STATE ADMINISTRATIVE BOARD**

**Special T&NR Meeting:** September 11, 2002 - Secretary of State's Office, 3:30 PM  
**Special State Administrative Board Meeting:** September 13, 2002 - State Capitol, 11:00 AM

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**CONTRACTS**

1. **AERONAUTICS - Airport Awareness Project/Air Service Program**  
Contract (2002-0665) between MDOT and Chippewa County Economic Development Corporation (CCEDC) will provide for a grant to implement the Airport Awareness Project under the Michigan Air Service Grant Program at Chippewa County International Airport in Sault Ste. Marie, Michigan. The contract will be in effect for a period of twelve months from the date of award. Source of Funds: State Restricted Aeronautics Funds - \$20,000; CCEDC Funds - \$2,222; Contract Total - \$22,222.

In accordance with MDOT's policies and procedures and subject to concurrence by the Federal Highway Administration, the preparation and execution of the appropriate documents approved by the Attorney General, and compliance with all legal and fiscal requirements, the Director recommends for approval by the State Administrative Board the items on this agenda.

The approval by the State Administrative Board of these contracts does not constitute the award of same. The award of contracts shall be made at the discretion of the Director-Department of Transportation when the aforementioned requirements have been met. Subject to exercise of that discretion, I approve the contracts described in this agenda and authorize their award by the responsible management staff of MDOT to the extent authorized by, and in accordance with, the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of January 16, 2001.

Respectfully submitted,

Gregory J. Rosine  
Director

**SPECIAL AGENDA**

**DEPARTMENT OF TRANSPORTATION**

**TRANSPORTATION and NATURAL RESOURCES COMMITTEE  
STATE ADMINISTRATIVE BOARD**

**Special T&NR Meeting: September 17, 2002 - State Capitol, 10:45 AM**  
**State Administrative Board Meeting: September 17, 2002 - State Capitol, 11:00 AM**

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**BID LETTING**

**STATE PROJECTS**

1. **LETTING OF SEPTEMBER 06, 2002**      **ENG. EST.**      **LOW BID**  
PROPOSAL 0209003      \$    145,157.00    \$    159,774.43  
PROJECT M    33071-M60239  
LOCAL AGRMT.      % OVER/UNDER EST.  
START DATE -      10 days after award  
COMPLETION DATE - NOVEMBER 14, 2002      10.07 %

.019 mi of culvert replacement on M-106 at Brownell drain, in the township of Stockbridge, Ingham County.

BIDDER	AS-READ	AS-CHECKED	
Dunigan Brothers, Inc.			
Thompson-McCully Company			
Stein Construction Co., Inc.			
C & D Hughes, Inc.	\$    193,283.80	Same	4
E.T. MacKenzie Company	\$    167,885.72	Same	3
Fonson, Inc.			
Davis Construction, Inc.			
Cadwell Brothers Construction	\$    205,316.15	Same	5
Ron Bretz Excavating, Inc.			
Heystek Contracting Inc.	\$    165,769.00	Same	2
Hallenbeck Construction Co			
<b>D &amp; E Excavating Corporation</b>	<b>\$    159,774.43</b>	<b>Same</b>	<b>1 **</b>

5 Bidders

Source of Funds:

M60239

State Restricted Trunkline Funds      100 %

\*Denotes a non-standard contract/amendment





5. LETTING OF SEPTEMBER 06, 2002 ENG. EST. LOW BID  
 PROPOSAL 0209059 \$ 623,812.00 \$ 606,170.00  
 PROJECT NHG 84915-60534  
 LOCAL AGRMT. % OVER/UNDER EST.  
 START DATE - 90 days after award  
 COMPLETION DATE - 90 working days -2.83 %

17 mi of overhead sign structures upgrading on I-94  
 between Battle Creek and Kalamazoo, in the  
 townships of Marshall and Emmett, Calhoun and Kalamazoo  
 Counties.

BIDDER	AS-READ	AS-CHECKED	
Midwest Bridge Company	\$ 614,230.16	Same	2
<b>Highway Service Company, Inc.</b>	<b>\$ 606,170.00</b>	<b>Same</b>	<b>**</b>
Action Traffic Maintenance, Inc.	\$ 699,648.64	Same	4
Trans Tech Electric, L.P.	\$ 619,000.50	Same	3
J & J Contracting, Inc.			

4 Bidders

Source of Funds:  
 60534A  
 Federal Highway Administration Funds 100 %

6. LETTING OF SEPTEMBER 06, 2002 ENG. EST. LOW BID  
 PROPOSAL 0209061 \$ 58,989.04 \$ 41,295.32  
 PROJECT MER 82293-72260  
 LOCAL AGRMT. % OVER/UNDER EST.  
 START DATE - 10 days after award  
 COMPLETION DATE - 15 working days -29.99 %

Emergency repair of sound wall on I-275 northbound  
 200 ft south of Joy Road, Canton Township, Wayne County.

BIDDER	AS-READ	AS-CHECKED	
E. C. Korneffel Co.	\$ 46,628.55	Same	5
J. Slagter & Son Construction Co			
Midwest Bridge Company			
Abhe & Svoboda, Inc.	\$ 74,910.00	Same	6
Dan's Excavating, Inc	\$ 44,308.50	Same	2
Posen Construction, Inc.	\$ 45,763.00	Same	4
<b>Walter Toebe Construction Co.</b>	<b>\$ 41,295.32</b>	<b>Same</b>	<b>1 **</b>
ABC Paving Company			
Nance Construction, LLC			
J. D. Walt's, Inc.	\$ 45,369.00	Same	3

6 Bidders

Source of Funds:  
 72260A  
 State Restricted Trunkline Funds 100 %

\*Denotes a non-standard contract/amendment



PROJECT M 61152-60451 , ETC  
 LOCAL AGRMT. % OVER/UNDER EST.  
 START DATE - SEPTEMBER 30, 2002  
 COMPLETION DATE - AUGUST 23, 2003 4.81 %

9.581 mi of cold milling and hot mix asphalt resurfacing on I-96 from US-31 easterly to M-104 in the townships of Fruitport and Crockery, Muskegon and Ottawa Counties and cold milling with hot mixture asphalt resurfacing and shoulder widening on US-31 from Sternberg Road interchange to Hile Road in the city of Norton Shores, Muskegon County.

BIDDER	AS-READ	AS-CHECKED	
<b>Rieth-Riley Construction Co., Inc.</b>	<b>\$ 4,542,403.18</b>	<b>Same</b>	<b>1 **</b>
Thompson-McCully Company	\$ 4,576,012.24	Same	2

2 Bidders

Source of Funds:

60451A		
State Restricted Trunkline Funds	100	%
60502A		
State Restricted Trunkline Funds	100	%

10. LETTING OF SEPTEMBER 06, 2002 ENG. EST. LOW BID  
 PROPOSAL 0209072 \$ 432,495.04 \$ 479,788.46  
 PROJECT MG 21031-72468  
 LOCAL AGRMT. % OVER/UNDER EST.  
 START DATE - 10 days after award  
 COMPLETION DATE - OCTOBER 18, 2002 10.94 %

Hot mix asphalt cold milling and resurfacing on US-2/US-41(Lincoln) at the intersection of Ludington and Danforth Roads, and on M-35 from 12th Avenue south to the US-2/US-41 intersection, in the city of Escanaba, Delta County.

BIDDER	AS-READ	AS-CHECKED	
Bacco Construction Company	\$ 664,047.96	Same	2
Rieth-Riley Construction Co., Inc.			
<b>Payne &amp; Dolan, Inc.</b>	<b>\$ 479,788.46</b>	<b>Same</b>	<b>1 **</b>

2 Bidders

Source of Funds:

72468A		
Federal Highway Administration Funds	81.85	%
State Restricted Trunkline Funds	18.15	%

\*Denotes a non-standard contract/amendment

11. LETTING OF SEPTEMBER 06, 2002 ENG. EST. LOW BID  
 PROPOSAL 0209074 \$ 136,705.00 \$ 155,627.21  
 PROJECT NHG 84917-60532  
 LOCAL AGRMT. % OVER/UNDER EST.  
 START DATE - 10 days after award  
 COMPLETION DATE - JANUARY 01, 2003 13.84 %

Emergency truss upgrades at various locations on M-102 and M-10 in the city of Detroit, Wayne County.

BIDDER	AS-READ	AS-CHECKED	
Midwest Bridge Company	\$ 176,396.92	Same	2
<b>Highway Service Company, Inc.</b>	<b>\$ 155,627.21</b>	<b>Same</b>	<b>1 **</b>
Walter Toebe Construction Co.	\$ 182,498.02	Same	3
Action Traffic Maintenance, Inc.	\$ 187,473.33	Same	4
J & J Contracting, Inc.			

4 Bidders

Source of Funds:

60532A

Federal Highway Administration Funds 100 %

**LOCAL PROJECTS**

12. LETTING OF SEPTEMBER 06, 2002 ENG. EST. LOW BID  
 PROPOSAL 0209012 \$ 352,428.72 \$ 317,376.39  
 PROJECT SLG 55000-59798  
 LOCAL AGRMT. 02-5206 % OVER/UNDER EST.  
 START DATE -  
 COMPLETION DATE - OCTOBER 04, 2002 -9.95 %

County wide pavement markings in Menominee County.

BIDDER	AS-READ	AS-CHECKED	
Chemi-Trol Chemical Co.			
<b>Clark Highway Services, Inc.</b>	<b>\$ 317,376.39</b>	<b>Same</b>	<b>1 **</b>
P.K. Contracting, Inc.	\$ 385,189.58	Same	2

2 Bidders

By association with the above construction contract we are also asking for approval of the above-referenced cost participation agreement.

Source of Funds:

59798A

Menominee County 47.84 %

Federal Highway Administration Funds 52.16 %

\*Denotes a non-standard contract/amendment





















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Respectfully submitted,

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Director