

9.12.19 FINAL (REVISED)

AGENDA

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION and NATURAL RESOURCES COMMITTEE
STATE ADMINISTRATIVE BOARD

T&NR Meeting: September 12, 2019– Lake Superior Room,
1st Floor, Michigan Library and Historical Center, 11:00 AM
State Administrative Board Meeting: September 12, 2019 – Lake Superior Room,
1st Floor, Michigan Library and Historical Center, 11:00 AM

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This agenda is for general informational purposes only. At its discretion, the Transportation and Natural Resources Committee may revise this agenda and may take up other issues at the meeting.

Contract Pre - Approval

1. **HIGHWAYS – Inspection and Testing Services**

Contract (2019-0954) between MDOT and AECOM Great Lakes, Inc., will provide for as-needed inspection and testing services to be performed for construction projects at various locations throughout the Oakland Transportation Service Center service area. The work items will include inspection; quality assurance testing and reporting; measurement, computation, and documentation of quantities; reporting and record-keeping; and finalizing all project documentation. The contract will be in effect from the date of award through August 31, 2021. The contract amount will not exceed \$1,201,800. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.

2. **HIGHWAYS - Design Services**

Contract (2019-0973) MDOT will enter into a contract with a consultant that will provide for design services to be performed for a 14-inch aggregate grade lift with hot mix asphalt (HMA) overlay, with areas of HMA reconstruction and HMA base crushing and shaping, drainage improvements, guardrail replacement, permanent signing, permanent pavement markings, and maintaining traffic on US-2/US-141 from the Michigan/Wisconsin state line in Iron County northerly to just north of County Road 424, south of the city of Crystal Falls in the Superior Region (CS 36051 - JN 203897PE). The work items will include performing design surveys; preparing required plans, typical cross-sections, details, and specifications; computing and verifying all plan quantities; and preparing staging plans and special provisions for maintaining traffic during construction. The contract will be in effect from the date of award through April 9, 2021. The contract amount will not exceed \$586,100. Source of Funds: 100% State Restricted Trunkline Funds.

* Denotes a non-standard contract/amendment

3. HIGHWAYS – Inspection and Engineering Assistance Services

Contract (2019-0975) between MDOT and Orchard, Hiltz & McCliment, Inc., will provide for as-needed inspection and engineering assistance services to be performed for single-course milling and resurfacing, watermain and lead service replacements, traffic signal work, and associated improvements on M-5 (Grand River Avenue) from M-39 to Berg Road in the city of Detroit, Wayne County (CS 82121 – JN 204003CON). The work items will include engineering assistance; inspection; staking; quality assurance testing and reporting; measurement, computation and documentation of quantities; reporting and record-keeping; processing pay estimates, contract modifications, and all other contract documentation; and finalizing all project documentation. The contract will be in effect from the date of award through June 3, 2021. The contract amount will not exceed \$1,502,489. Source of Funds: 100% State Restricted Trunkline Funds.

4. HIGHWAYS – Design Services

Contract (2019-0979) between MDOT and Alfred Benesch & Company will provide for design services to be performed for the substructure rehabilitation of four structures located on I-75 over the Rouge River and Fort Street in the City of Detroit, Wayne County (CS 82194 - JN 200646PE-S). The work items will include performing design surveys; preparing required plans, typical cross-sections, details, and specifications; computing and verifying all plan quantities; and preparing staging plans and special provisions for maintaining traffic during construction. The contract will be in effect from the date of award through September 1, 2022. The contract amount will not exceed \$1,082,393. Source of Funds: 100% State Restricted Trunkline Funds.

CONTRACTS

5. *EXECUTIVE (Office of Economic Development) – Pedestrian Safety Education
Contract (2019-0947) between MDOT and the Michigan Fitness Foundation (MFF) will provide for the study, development, implementation, and evaluation of a pedestrian safety education project in southeast Michigan. The contract will be in effect from October 1, 2019, through September 30, 2025. The contract amount will be \$1,247,939.66. Source of Funds: 90% Federal Highway Administration Funds and 10% MFF Funds.

6. HIGHWAYS - Design Services

Contract (2019-0946) between MDOT and WSP Michigan, Inc., will provide for road and bridge scoping services to be performed for the reconstruction of the M-40 at I-94 bridge and interchange and for bridge scoping services to be performed for the rehabilitation of I-94 eastbound and westbound over the south branch of the Paw Paw River, the rehabilitation of M-40 over Maple Lake Inlet, the rehabilitation of I-94 over Three Mile Lake Drain, and the rehabilitation of M-40 over Martin Drain in the city of Paw Paw, Van Buren County (JN 204883EPE – CSs various). The work items will include the development of improvement alternatives, in-depth bridge inspections, bridge scoping, drainage video inspection, interchange traffic operational analysis, and safety analysis. The contract will be effect from the date of award through September 30, 2020. The contract amount will be \$594,527.35. Source of Funds: 100% State Restricted Trunkline Funds.

This contract was previously approved by the State Administrative Board at its August 27, 2019, meeting; however, an incorrect amount was inadvertently given.

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7. HIGHWAYS - Inspection and Testing Services

Contract (2019-0964) between MDOT and Rowe Professional Services Company will provide for as-needed inspection and testing services to be performed for construction projects in the Gaylord Transportation Service Center service area in Antrim, Charlevoix, Cheboygan, Crawford, Emmet, Otsego, and Roscommon Counties. The work items will include inspection; quality assurance testing and reporting; measurement, computation and documentation of quantities; and finalizing all project documentation. The contract will be in effect from the date of award through August 26, 2021. The contract amount will be \$847,687.06. Source of Funds: Federal Highways Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.

8. HIGHWAYS - Inspection and Testing Services

Contract (2019-0965) between MDOT and Surveying Solutions, Inc., will provide for as-needed inspection and testing services to be performed for construction projects in the Gaylord Transportation Service Center service area in Antrim, Charlevoix, Cheboygan, Crawford, Emmet, Otsego, and Roscommon Counties. The work items will include inspection; quality assurance testing and reporting; measurement, computation and documentation of quantities; and finalizing all project documentation. The contract will be in effect from the date of award through August 26, 2021. The contract amount will be \$647,901.45. Source of Funds: Federal Highways Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.

9. HIGHWAYS - Design Services

Contract (2019-0970) between MDOT and Orchard, Hiltz & McCliment, Inc., will provide for design services to be performed for milling and two-course overlay with access management approach improvements on US-31 from the north approach of the Beulah bridge east to 1100 feet east of Crystal Drive in Benzie County, North Region (CS 10032 – JNs 131656, 200954). The work items will include preparing required plans, typical cross-sections, details, and specifications; computing and verifying all plan quantities; and preparing staging plans and special provisions for maintaining traffic during construction. The contract will be in effect from the date of award through June 4, 2022. The contract amount will be \$821,437.27. Source of Funds: 100% State Restricted Trunkline Funds.

10. TRANSPORTATION PLANNING – Increase Services and Amount

Amendatory Contract (2018-0449/A3) between MDOT and WSP Michigan, Inc., will add preliminary work items for Phase 2 services and will increase the contract amount by \$117,685.51. The original contract provides for consulting services to assist with the development of the 2045 State Long-Range Transportation Plan. The contract term remains unchanged, May 3, 2018, through December 31, 2020. The revised contract amount will be \$2,085,080.70. Source of Funds: 80% Federal Highway Administration Funds and 20% State Restricted Trunkline Funds.

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BID LETTING POST-APPROVALS

TRUNKLINE CONTRACTS

11. Letting of August 9, 2019

Letting Call: 1908 001
Project: IM 33084-130133, etc.
Local Agreement:
Start Date: September 3, 2019
Completion Date: October 30, 2020

Low Bid: **\$7,792,196.32**
Engineer Estimate: \$6,234,434.10
Pct Over/Under Estimate: 24.99 %

Bridge rehabilitation including deep overlay, deck patching, expansion joint replacement, epoxy overlay, healer/sealer, pin and hanger replacement, rocker realignment, partial painting, beam end repair, substructure repair, slope protection repair, approach pavement replacement and pavement marking on 9 bridges along I-96 from Hagadorn Road to Wallace Road, Ingham County. This project includes a 5-year performance warranty on thin epoxy bridge deck overlay and a 2-year warranty on concrete surface coating.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
C. A. Hull Co., Inc.	\$7,792,196.32	Same	1 **
Anlaan Corporation	\$8,738,423.64	Same	2
Toebe Construction LLC	\$10,667,588.90	Same	3

Total Number of Bidders: 3

12. Letting of August 9, 2019

Letting Call: 1908 025
Project: TA 82000-202796
Local Agreement: 19-5139, 19-5315
Start Date: September 9, 2019
Completion Date: June 1, 2022

Low Bid: **\$831,442.58**
Engineer Estimate: \$754,770.93
Pct Over/Under Estimate: 10.16 %

0.05 mi of Detroit Riverfront enhancements which include concrete sidewalk and ramp, seawall cap, lighting, fence, site furnishings and landscaping on the Detroit West Riverfront at Cummings Parcel, west of Joe Louis Arena in the city of Detroit, Wayne County.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Future Fence Company	\$831,497.58	\$831,442.58	1 **

Total Number of Bidders: 1

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9/5/2019

13. Letting of August 23, 2019
 Letting Call: 1908 601
 Project: M 52032-207857
 Local Agreement:
 Start Date: 10 days after award
 Completion Date: June 10, 2020

Low Bid: **\$1,264,670.55**
 Engineer Estimate: \$1,035,502.57
 Pct Over/Under Estimate: 22.13 %

Replace culvert with 24' by 5' precast concrete box culvert, steel sheet piling, cofferdam, guardrail, hot mix asphalt approach work and pavement markings on M-35 over O'Neal Creek Tributary, Marquette County.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Bacco Construction Company	\$1,264,670.55	Same	1 **
Milbocker and Sons, Inc.	\$1,499,977.56	Same	2
Hebert Construction Co.	\$1,678,423.40	Same	3

Total Number of Bidders: 3

LOCAL AREA CONTRACTS

14. Letting of August 9, 2019
 Letting Call: 1908 013
 Project: STL 11000-206937
 Local Agreement: 19-5337
 Start Date: 10 days after award
 Completion Date: October 18, 2019

Low Bid: **\$758,865.40**
 Engineer Estimate: \$637,636.56
 Pct Over/Under Estimate: 19.01 %

3.45 mi of hot mix asphalt single course overlay on East Napier Avenue from Morgan Road to the Bainbridge/Benton township line, Berrien County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Michigan Paving and Materials Company	\$758,865.40	Same	1 **
Rieth-Riley Construction Co., Inc.	\$819,439.30	Same	2

Total Number of Bidders: 2

* Denotes a non-standard contract/amendment
 9/4/2019

15. Letting of August 9, 2019
 Letting Call: 1908 036
 Project: STU 41000-202881
 Local Agreement: 19-5397
 Start Date: September 3, 2019
 Completion Date: June 30, 2020

Low Bid: **\$684,848.07**
 Engineer Estimate: \$610,488.50
 Pct Over/Under Estimate: 12.18 %

1.00 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk ramps and pavement markings on Knapp Street from the east city limits of Grand Rapids to East Beltline (M-44), Kent County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Rieth-Riley Construction Co., Inc.	\$684,848.07	Same	1 **
Michigan Paving and Materials Company	\$685,182.02	Same	2

Total Number of Bidders: 2

PURCHASING

16. Kejr, Inc. \$302,208.46
 dba Geoprobe Systems FY 18-19
 Salina, KS 100% Restricted State Trunkline Funds

Purchase to provide the Office of Administrative Services, Fleet Administration & Operations one (1) Medium Duty Truck and Mounted Auger Drill with operator training for maintenance use within North Prosperity Region.

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 February 11, 2019.

Respectfully submitted,



Paul C. Ajegba, P.E.
 Director

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