

AGENDA

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION and NATURAL RESOURCES COMMITTEE
STATE ADMINISTRATIVE BOARD

T&NR Meeting: October 26, 2021– Lake Superior Room,
1st Floor, Michigan Library and Historical Center, 11:00 AM
State Administrative Board Meeting: October 26, 2021 – 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-APPROVALS

1. **HIGHWAYS - Inspection and Testing Services**
Contract (2022-0188): MDOT will enter into a contract with a consultant that will provide for as-needed inspection and testing services to be performed for road and bridge construction projects at various locations in Arenac, Bay, Clare, Gladwin, Gratiot, Isabella, Midland, and Saginaw Counties. The work items will include inspection; quality assurance testing and reporting; measurement, computation, and documentation of quantities; and closing all project documentation. The contract will be in effect from the date of award through three years. The contract amount will not exceed 110 percent of the engineer’s estimate of \$1,447,200. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, and/or local funds, depending on the particular project authorized.

2. **HIGHWAYS - Design Services**
Contract (2022-0189): MDOT will enter into a contract with a consultant that will provide for design services to be performed for the concrete pavement reconstruction of I-69 from Lake George to Newark Road in Lapeer County, including ramp reconstruction at Lake Pleasant Road and other improvements (CS 44044 - JN 208831PE). 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 August 2, 2024. The contract amount will not exceed 110 percent of the engineer’s estimate of \$1,883,344.30. Source of Funds: 90% Federal Highway Administration Funds and 10% State Restricted Trunkline Funds.

3. HIGHWAYS - Design Services
Contract (2022-0190): MDOT will enter into a contract with a consultant that will provide for design services to be performed for roadway reconstruction and bridge replacement on M-46 from North Dawson Street to the west village limits of Carsonville and on M-19 from Miller Road to M-46 in the City of Sandusky, Sanilac County (CSs 74062 and 74031 - JNs 204321PE and 202145PES). 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 November 17, 2023. The contract amount will not exceed 110 percent of the engineer's estimate of \$1,815,150. Source of Funds: 100% State Restricted Trunkline Funds.

CONTRACT POST-APPROVAL

4. HIGHWAYS - Design Services
Contract (2021-0764) between MDOT and Fishback, Thompson, Carr & Huber, Inc., will provide for design services to be performed for two new interchange ramps, two new bridges, and two relocated maintenance crossovers on northbound and southbound US-131 from north of M-43 to the US-131 business spur and on the northbound and southbound US-131 business spur from US-131 to east of Ravine Road in Oshtemo and Kalamazoo Townships (CSs 39014 and 39051 – JN 212745PE). 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 February 29, 2024. The contract amount will be \$1,634,197.55. Source of Funds: 100% Michigan Economic Development Corporation Funds.

This contract was pre-approved by the State Administrative Board on its July 27, 2021, agenda with an engineer's estimate of \$1,417,200. The final negotiated cost was greater than 110 percent of the engineer's estimate. The funding source was originally identified as State Restricted Trunkline Funds.

CONTRACT

5. HIGHWAYS - Design Services
Contract (2022-0180) between MDOT and WSP Michigan, Inc., will provide for design services to be performed for an additional ramp lane at the I-94/US-31 interchange on the freeway ramp from westbound I-94 to northbound US-131 and for diamond grinding on I-94 westbound from Westnedge Avenue to 12th Street in the cities of Portage and Kalamazoo, Kalamazoo County (CSs various - JNs 210812PE and 204791PE). 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 a transportation management plan, staging plans, and special provisions for maintaining traffic during construction. The contract will be in effect from the date of award through January 31, 2024. The contract amount will be \$883,522.24. Source of Funds: 81.85% Federal Highway Administration Funds and 18.15% State Restricted Trunkline Funds.

6. HIGHWAYS – Design Services
 Contract (2021-0916) between MDOT and CDM Smith Michigan, Inc., will provide for design services to be performed for pavement inlay on the existing concrete pavement on the I-196 business loop from US-31 to I-196 in the City of Holland and in Zeeland Township, Ottawa County. 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 October 1, 2023. The contract amount will be \$1,499, 668.49. Source of Funds: 81.85% Federal Highway Administration Funds, 15.88% State Restricted Trunkline Funds, and 2.27% local funds.

**PRE-BID LETTING
TRUNKLINE CONTRACTS**

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| 7. | Letting of November 5, 2021
Letting Call: 2111 001
Project: 82081-205017
Local Agreement:
Start Date: 10 days after award
Completion Date: October 1, 2021 | Prequalification Level:
\$4,051,000.00 |
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Bridge reconstruction including deck replacement, structural steel repairs, pin and hanger replacement, beam end cutting, partial painting, substructure repairs, concrete surface coating, silane treatment and approach work on M-153 over Hines Drive in the cities of Dearborn and Dearborn Heights, Wayne County. This project includes a 2-year concrete surface coating warranty.
 5.00 % DBE participation required

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| 8. | Letting of November 5, 2021
Letting Call: 2111 002
Project: ST 55011-131817 , ETC
Local Agreement:
Start Date: May 16, 2022
Completion Date: October 14, 2022 | Prequalification Level:
\$11,867,000.00 |
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17.93 mi of hot mix asphalt cold milling and resurfacing, joint repairs and drainage improvements on US-41 from south of 56th Avenue to south of County Road 352, Menominee County.
 3.00 % DBE participation required

9. Letting of November 5, 2021 Prequalification Level:
Letting Call: 2111 003 \$3,900,000.00
Project: NH 41062-200585
Local Agreement: 21-5376
Start Date: May 2, 2022
Completion Date: June 1, 2023

4.20 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, drainage work and pavement markings on M-11 from Church Avenue to US-131 in the cities of Grandville and Wyoming, Kent County. This project contains a 5 year materials and workmanship pavement warranty.
5.00 % DBE participation required

10. Letting of November 5, 2021 Prequalification Level:
Letting Call: 2111 004 \$3,509,000.00
Project: CM 41025-123325
Local Agreement:
Start Date: March 1, 2022
Completion Date: November 1, 2024

0.66 mi of hot mix asphalt ramp and weave/merge lane construction, reconstruction of ramp, crossover construction, drainage, guardrail, pavement markings, and ITS work on I-96 from M-21 (Fulton Street) to north of Cascade Road and M-21 from Loch Lomond Avenue to I-96, Kent County. This project includes a 5-year materials and workmanship pavement warranty.
6.00 % DBE participation required

11. Letting of November 5, 2021 Prequalification Level:
Letting Call: 2111 005 \$6,691,000.00
Project: M 54014-201139
Local Agreement:
Start Date: July 11, 2022
Completion Date: September 24, 2022

8.47 mi of hot mix asphalt crushing, shaping, cold milling and resurfacing, guardrail upgrades and pavement markings on US-131 from 13 Mile Road north to north of 19 Mile Road and US-131BR (19 Mile Road) from west of US-131 to west of Northland Drive, Mecosta County. This project includes a 5 year and a 3-year materials and workmanship pavement warranty.
5.00 % DBE participation required

12. Letting of November 5, 2021 Prequalification Level:
Letting Call: 2111 007 \$1,991,000.00
Project: ST 21041-209019 , ETC
Local Agreement:
Start Date: May 16, 2022
Completion Date: September 16, 2022
- 2.08 mi of hot mix asphalt cold milling and resurfacing with culvert replacement, guardrail and pavement markings on M-183 from south of US-2, Delta County. This project contains a 3-year materials and workmanship pavement warranty.
2.00 % DBE participation required
13. Letting of November 5, 2021 Prequalification Level:
Letting Call: 2111 008 \$3,048,000.00
Project: IM 03034-201231
Local Agreement:
Start Date: April 18, 2022
Completion Date: June 1, 2023
- Concrete deep overlay, expansion joint and pin and hanger replacement, steel repair, partial painting, riprap placement and approach work on I-196/US-31 NB over the Kalamazoo River in the city of Saugatuck, Allegan County.
3.00 % DBE participation required
14. Letting of November 5, 2021 Prequalification Level:
Letting Call: 2111 009 \$8,441,000.00
Project: HIPB 74022-206687
Local Agreement: 21-5317
Start Date: February 14, 2022
Completion Date: June 30, 2023
- Bridge reconstruction of two structures with 36-inch prestressed concrete I beams, hot mix asphalt cold milling and resurfacing, water main relocation and approach work on M-90 over Mills Creek and Black River in the city of Croswell, Sanilac County. This project includes a 2-year concrete surface coating warranty.
5.00 % DBE participation required
15. Letting of November 5, 2021 Prequalification Level:
Letting Call: 2111 010 \$4,100,000.00
Project: NH 52042-131846
Local Agreement: 21-5237
Start Date: May 2, 2022
Completion Date: October 26, 2022
- 0.57 mi of hot mix asphalt reconstruction, cold milling and hot mix asphalt surfacing, storm sewer and drainage repairs and improvements, traffic signal work, water main, signing and pavement markings on US-41/M-28 from Furnace Street to Front Street in the city of Marquette, Marquette County. This project includes a 5-year and a 3-year materials and workmanship pavement warranties.
3.00 % DBE participation required

16. Letting of November 5, 2021
 Letting Call: 2111 011
 Project: M 82071-211623
 Local Agreement:
 Start Date: December 6, 2021
 Completion Date: June 6, 2022

Prequalification Level:
 \$1,718,000.00

Bridge rehabilitation includes scaling, plywood false decking and lateral bracing on various routes in the cities of Melvindale and Detroit, Wayne County.
 0.00 % DBE participation required

17. Letting of November 5, 2021
 Letting Call: 2111 012
 Project: HSIP 28013-207196
 Local Agreement:
 Start Date: September 6, 2022
 Completion Date: November 11, 2022

Prequalification Level:
 \$1,495,000.00

0.93 mi of hot mix asphalt cold milling and resurfacing, center median island construction with curb and gutter, guardrail and drainage improvements and pavement markings on US-31/M-72 from north of Holiday Road northerly to Five Mile Road in the city of Traverse City, Grand Traverse County.
 5.00 % DBE participation required

18. Letting of November 5, 2021
 Letting Call: 2111 013
 Project: ST 32022-119066
 Local Agreement:
 Start Date: February 14, 2022
 Completion Date: September 19, 2024

Prequalification Level:
 \$3,265,000.00

4.18 mi of hot mix asphalt base crushing, shaping and resurfacing, intersection and geometric improvements, concrete curb and gutter, drainage and pavement markings on M-142 from Johnston Road to Ruth Road, Huron County. This project includes a 5-year materials and workmanship pavement warranty.
 5.00 % DBE participation required

19. Letting of November 5, 2021
 Letting Call: 2111 015
 Project: M 82251-208031
 Local Agreement:
 Start Date: June 20, 2022
 Completion Date: August 28, 2022

Prequalification Level:
 \$1,186,000.00

2.10 mi of full depth concrete pavement repairs, minor spall repairs, joint resealing, concrete crack sealing, diamond grinding and grooving and pavement markings on I-75 from I-375 to Canfield Street northbound/Piquette Street southbound in the city of Detroit, Wayne County.
 0.00 % DBE participation required

20. Letting of November 5, 2021 Prequalification Level:
 Letting Call: 2111 016 \$1,105,000.00
 Project: HSIP 14062-213302
 Local Agreement:
 Start Date: May 23, 2022
 Completion Date: November 30, 2022
- Installation of durable longitudinal pavement markings and mumble strips on various routes, Berrien, Cass and Van Buren Counties.
 0.00 % DBE participation required
21. Letting of November 5, 2021 Prequalification Level:
 Letting Call: 2111 017 \$1,222,000.00
 Project: NH 74061-209207
 Local Agreement:
 Start Date: May 2, 2022
 Completion Date: September 2, 2022
- 7.74 mi of single chip seal, micro-surfacing, joint repair, shoulder gravel and pavement markings on M-46 from east of M-53 to west of M-19, Sanilac County. This project includes a 2-year pavement performance warranty.
 3.00 % DBE participation required
22. Letting of November 5, 2021 Prequalification Level:
 Letting Call: 2111 018 \$3,070,000.00
 Project: ST 28052-203987
 Local Agreement:
 Start Date: April 18, 2022
 Completion Date: August 19, 2022
- 17.28 mi of hot mix asphalt cold milling, intermittent shoulder repairs and resurfacing and pavement markings on M-37 from Peninsula Drive to south of Mapleton Lane, Grand Traverse County. This project includes a 3-year materials and workmanship pavement warranty and a 2 year pavement performance warranty.
 2.00 % DBE participation required
23. Letting of November 5, 2021 Prequalification Level:
 Letting Call: 2111 020 \$1,168,000.00
 Project: IM 03035-204359
 Local Agreement:
 Start Date: May 31, 2022
 Completion Date: October 28, 2022
- Bridge rehabilitation including deep concrete overlay, full depth deck patching, expansion joint replacement, barrier patching, pin and hanger replacement, partial painting, substructure patching, slope protection repairs, concrete surface coating, silane treatment and bridge approach replacement on M-40 over I-196 in the city of Holland, Allegan County. This project includes a 2-year concrete surface coating warranty.
 3.00 % DBE participation required

24. Letting of November 5, 2021
 Letting Call: 2111 022
 Project: RBMP 33031-210087
 Local Agreement: 21-5390
 Start Date: February 1, 2022
 Completion Date: September 30, 2024

Prequalification Level:
 \$60,447,000.00

12.46 mi of hot mix asphalt cold milling and resurfacing, earthwork, drainage, aggregate base, guardrail, barrier wall, signing, pavement markings and bridge rehabilitation of 10 structures includes epoxy overlays, substructure repairs, deck patching, zone painting, joint repair and scour protection on US-127 from Huntoon Creek to M-36, Ingham County. This project includes a 5-year performance warranty for thin epoxy polymer bridge deck overlay, two 5-year materials and workmanship pavement warranties and a 3-year materials and workmanship pavement warranty. This is an OJT VIP Pilot Project. Please see Special Provision for Preparation and Consideration of Bids on On-the-Job-Training Voluntary Incentive Program Projects.
 7.00 % DBE participation required

25. Letting of November 5, 2021
 Letting Call: 2111 024
 Project: M 59032-210184
 Local Agreement:
 Start Date: July 11, 2022
 Completion Date: September 30, 2022

Prequalification Level:
 \$656,000.00

Bridge reconstruction including concrete deck replacement and substructure repair, silane treatment, guardrail and approach work on M-91 over Flat River, Montcalm County.
 0.00 % DBE participation required

26. Letting of November 5, 2021
 Letting Call: 2111 025
 Project: ST 78042-200913
 Local Agreement:
 Start Date: March 7, 2022
 Completion Date: November 11, 2022

Prequalification Level:
 \$555,000.00

Bridge rehabilitation including epoxy overlay, deck patching, substructure repair, partial painting, three beam retrofit and approach work on M-60/M-66 over Nottawa Creek, St. Joseph County. This project includes a 5-year epoxy performance warranty.
 3.00 % DBE participation required

27. Letting of November 5, 2021
 Letting Call: 2111 028
 Project: ST 11072-209726
 Local Agreement:
 Start Date: June 1, 2022
 Completion Date: October 30, 2022

Prequalification Level:
 \$797,000.00

Bridge reconstruction includes superstructure replacement, substructure repairs, riprap, guardrail and approach work on M-140 over Paw Paw Lake Outlet, Berrien County.
 4.00 % DBE participation required

* Denotes a non-standard contract/amendment

36. Letting of November 5, 2021 Prequalification Level:
 Letting Call: 2111 050 \$1,070,000.00
 Project: ST 58032-201009
 Local Agreement: 21-5394
 Start Date: May 2, 2022
 Completion Date: July 30, 2022

1.62 mi of hot mix asphalt cold milling and resurfacing, joint repairs, sidewalk ramps and pavement markings on M-50 from Ann Arbor Road easterly to the village limits of Dundee, Monroe County. This project includes a 3-year materials and workmanship pavement warranty.
 3.00 % DBE participation required

LOCAL AGENCY CONTRACTS

37. Letting of November 5, 2021 Prequalification Level:
 Letting Call: 2111 034 \$1,522,000.00
 Project: STL 21000-205825
 Local Agreement: 21-5314
 Start Date: 10 days after award
 Completion Date: September 1, 2022

11.37 mi of hot mix asphalt overlay and pavement markings on County Road 535 (H Road/D Road) from M-35 (Fuller Park) to US-2/41, Delta County. This is a Local Agency project.
 0.00 % DBE participation required

38. Letting of November 5, 2021 Prequalification Level:
 Letting Call: 2111 035 \$990,000.00
 Project: STL 34000-206981
 Local Agreement: 21-5343
 Start Date: 10 days after award
 Completion Date: June 17, 2022

4.76 mi of hot mix asphalt cold milling and resurfacing, shoulder improvement and pavement markings on Riverside Drive from the east city limits of Saranac to Ainsworth Road, Ionia County. This is a Local Agency project.
 3.00 % DBE participation required

39. Letting of November 5, 2021 Prequalification Level:
 Letting Call: 2111 036 \$973,000.00
 Project: HIP 31000-208096
 Local Agreement: 21-5333
 Start Date: September 6, 2022
 Completion Date: November 4, 2022

Bridge removal and replace with concrete precast 24 foot by 8-foot box culvert, guardrail and approach work on Mud Lake Road over Mud Lake Creek, Houghton County. This is a Local Agency project.
 0.00 % DBE participation required

PURCHASING

47. National Industrial Maintenance \$ 258,167.83 Amendment
Dearborn, Michigan 48126 \$ 1,361,126.17 New Total
FY17-23 100% State Restricted
State Trunkline Maintenance Fund

Contract Number 591B7700130 Amendment to add additional money for FY22 estimated services and exercising one option year renewal for continued state trunkline sweeping for Bay Region. New contract expiration date is March 31, 2023.

48. Severance Electric Company Inc. \$ 343,750.00 Amendment
Kalamazoo, Michigan 49004 \$ 1,019,375.00 New Total
FY20-23 100% State Restricted
State Trunkline Maintenance Fund

Contract Number 200000000905 Amendment to add additional money for FY22 estimated services and exercise Contract option year renewal for continued traffic signal maintenance for University Region. New contract expiration date is May 21, 2023.

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 April 7, 2021.

Respectfully submitted,

Patrick McCarthy Patrick McCarthy
for Oct 14 2021 2:11 PM

Paul C. Ajegba P.E.
Director