

**NOTICE TO BIDDERS
FOR
PROTECTION OF PAVEMENT AND REQUIREMENTS FOR
CONSTRUCTION TRAFFIC EQUIPMENT**

1 OF 1

GCRC

2023/04/13

The Contractor's attention is directed to the requirements and conditions specified in the following listed sections of the Michigan Department of Transportation 2020 Standard Specifications for Construction:

Section 104.07.C	Maintenance During Construction
Section 104.11.B.1-	Limitations for Construction Equipment on or Crossing Pavements and Structures
Section 107.07 -	Protection and Restoration of Property
Section 107.11 -	Contractor's Responsibility for the Work.

The Contractor will be held responsible for any damage to existing and new pavements (and to the base or subgrade of the pavement) caused by construction operations, and they will be required to restore any damaged areas as required by the Engineer, at the expense of the Contractor.

SPECIAL PROVISION

WORKING DAY PROHIBITIONS - 2026

The contractor will not be permitted to work on the project without expressed approval of the engineer on the following days of 2026:

All Sundays

January 1, 2026

January 19, 2026

February 16, 2026

April 3, 2026

May 25, 2026

July 3, 2026

July 6, 2026

September 7, 2026

November 11, 2026

November 26, 2026

November 27, 2026

December 24, 2026

December 25, 2026

December 31, 2026

Monday, New Year's Day

Martin Luther King, Jr. Day

President's Day

Good Friday

Monday, Memorial Day

Friday, Independence Day Observance

Monday, Day Following July 4th
Observance

Monday, Labor Day

Wednesday, Veterans Day

Thursday, Thanksgiving Day

Friday, Day After Thanksgiving

Thursday, Christmas Eve Observance

Friday, Christmas Day

New Year's Eve Observance

**NOTICE TO BIDDERS
FOR
MULTIPLE PROJECTS WITHIN CONTRACT**

1 OF 1

GCRC

2026/--/--

The Contractor's attention is directed to the following Contract Report.

There are five (5) projects within this contract. These five projects are located within Flint Township, Genesee Township, Grand Blanc Township, and Richfield Township.

The pay items and quantities for all projects have been combined on the bid sheet(s) in the front of the proposal. Bids should be submitted for these items of work based on the information presented herein.

See the following Contract Report for the individual project breakdown within the contract.

THE BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF GENESEE, MICHIGAN
NOTICE OF RESOLUTION
CONSTRUCTION AND MAINTENANCE CONTRACTS

At a meeting of The Board of County Road Commissioners of the County of Genesee, Michigan, held at 211 West Oakley Street, Flint, Michigan 48503, on the 13th day of May, 1990, at which time a quorum of the members was present, the following resolution was unanimously adopted by vote taken by yeas and nays and entered at large upon the records of said Board.

RESOLUTION

WHEREAS, all contracts entered into by the Genesee County Road Commission, hereinafter referred to as the ROAD COMMISSION, require the approval of The Board of County Road Commissioners of the County of Genesee, Michigan, hereinafter referred to as the BOARD; and

WHEREAS, modification of road and street construction and maintenance contracts are sometimes necessary; and,

WHEREAS, extra work is defined as any work which is determined to be essential to the satisfactory completion of the contract, but which neither appears therein as a specific item of work nor is included in the price bid for other items of the contract; and,

WHEREAS, changes in contract quantities is defined as increases (overruns) or decreases of original contract quantities of work that are necessary to the satisfactory completion of the contract; and,

WHEREAS, it is sometimes necessary in order to avoid delays and increased costs for the ROAD COMMISSION to authorize changes to contract quantities or extra work by modification of the contract without obtaining specific prior approval of the BOARD for such modifications.

1. The Road Commission's Director-Manager, without obtaining the approval of the BOARD, in connection with any construction or maintenance contract, may approve extra work or changes to the contract that have a total net increase not exceeding the following:

<u>Original Contract Amount</u>	<u>Maximum Total Net Increase for Extras & Changes</u>
Up to \$ 25,000	\$ 4,000
\$25,000 to \$50,000	\$ 6,000
\$50,000 to \$100,000	\$ 8,000
Greater than \$100,000	8% of original contract

2. All agreements by the ROAD COMMISSION to pay for extra work on either a negotiated price, force account basis, or contract changes in excess of the amounts shown in paragraph 1 must be approved by the BOARD.
3. The ROAD COMMISSION shall not pay nor agree to pay any disputed claim for extra compensation for work already commenced or completed that is in excess of the amounts shown in paragraph 1 without approval of the BOARD.
4. No payments for extra work or changes requiring BOARD approval shall be made until such BOARD approval has been obtained.
5. The foregoing requirements established by the BOARD shall be made an express part of all construction and maintenance contracts entered into by the BOARD.

x x x x x

I hereby certify that the above is a true copy of a part of the minutes of a meeting held on the 13th day of May, 1990, by The Board of County Road Commissioners of the County of Genesee, Michigan.

Signed Arita R. Magee
Arita R. Magee
Deputy Clerk of the Board

NOTICE

THE FOLLOWING COMMITMENT TO PROTECTION OF LAKES, STREAMS, AND WETLANDS HAS BEEN INCLUDED AS PART OF THIS PROJECT. THE SUCCESSFUL BIDDER WILL BE PROVIDED A COPY TO SIGN ALONG WITH THE CONTRACT.

THE CONTRACT WILL NOT BE AWARDED WITHOUT THE COMMITMENT SIGNED BY THE CONTRACTOR.

COMMITMENT TO PROTECTION OF LAKES, STREAMS AND WETLANDS

The Genesee County Road Commission has a strong and long-standing commitment to the protection of the environment. This commitment includes protecting lakes, streams and wetlands from erosion, sedimentation and unnecessary filling. In order for the Genesee County Road Commission to meet this commitment it is necessary that those who work for us as contractors or subcontractors understand and share this commitment to the natural resources of this State and of Genesee County.

We ask and require that contractors working with us agree to share this commitment by signing this agreement to protect lakes, streams and wetlands.

Meeting this commitment includes installing and maintaining soil erosion and sedimentation control measures as required in construction plans. At times, it may be necessary to go beyond the minimum requirements of the plans to ensure that lakes and streams are protected.

Further, excess earth, concrete, asphalt, used oil and other debris must be disposed of in a manner consistent with local or state requirements. Filling of wetlands, lakes or streams with the soil or debris that result from a project without the express permission of the local community or the Michigan Department of Environment, Great Lakes, and Energy (EGLE) is not an acceptable disposal practice.

We insist that all appropriate state or local permit requirements be satisfied before materials are placed in or adjacent to wetlands, lakes or streams. We cannot ensure that others share this commitment to the environment; therefore it is necessary for our contractors to confirm that permits have been issued before materials are placed. Further, many communities have rules and regulations on any filling operation. We ask that you comply.

We expect that your employees and subcontractors will share in this commitment. Take note and instruct your employees and subcontractors that intentional damage to lakes, streams and wetlands outside of the project limits by those associated with our project will not be tolerated by the Genesee County Road Commission and will influence future contracts and agreements with you.

Work within the project limits is to be conducted with care and concern for protecting the natural environment. Adverse impacts to lakes, streams and wetlands have been carefully considered and are proposed only in order to provide for a reasonable safe roadway that serves to protect the health and welfare of the traveling public. We ask that you not extend, increase or create adverse impacts, as a result of the work that we are doing, which have not been considered as part of the project.

If you believe that the adverse impacts of our project can be reduced, or if additional impacts must be evaluated in order to improve the overall quality of the project that we, together, are building then we urge you to propose these changes to our engineering staff. They are committed to achieving high quality construction projects that protect, preserve and enhance the environment and believe that neither can be sacrificed for the sake of expediency.

We believe, that you as a contractor working in Genesee County understand that our mutual success is dependent upon providing quality services to the citizens of Genesee County. Your signature on this letter is evidence of your promise to protect the environment in the work we do together.

CONTRACTOR

SIGNATURE

SPECIAL PROVISIONS

GENERAL

Except as hereinafter specified, all material and workmanship shall be in strict accordance with the Michigan Department of Transportation 2020 Standard Specifications for Construction.

DEFINITIONS

STATE OR DEPARTMENT - Where the word State or Department is used, it shall be understood to mean The Board of County Road Commissioners of the County of Genesee, Michigan.

COMMISSIONER - Where the word Commissioner is used, it shall be understood to mean a Commissioner of the County of Genesee, Michigan.

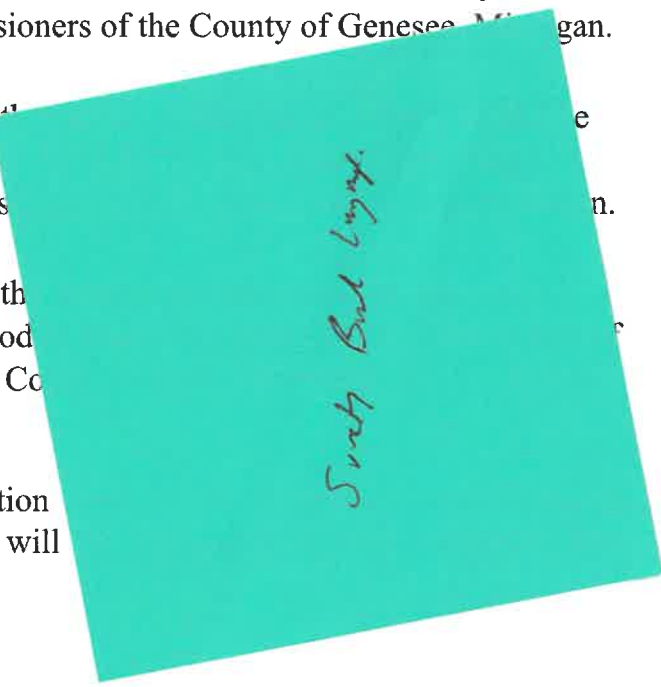
ENGINEER - Where the word Engineer is used, it shall be understood to mean a Professional Engineer licensed in the State of Michigan and employed by the Genesee County Road Commission.

SUPERVISION

Engineering supervision of construction surveying and laboratory procedures will otherwise noted.

BONDS

The successful Bidder shall furnish satisfactory performance and lien bonds each in an amount not less than one hundred percent (100%) of the total contract price. Such bonds shall be on the forms provided and shall meet the regulations of the Genesee County Road Commission and the requirements specified in the laws of Michigan.



SPECIAL PROVISION
FOR
COOPERATION BY CONTRACTOR

COOPERATION BY CONTRACTOR

Other Contractors or municipalities may be working on this project during the life of the contract awarded for performing this work. The Board reserves the right to coordinate the work being performed on the same project by different forces and further reserves the right to schedule the construction in a sequence most advantageous to said Board and convenience to the public. Also, certain public and private utilities and public agencies may be working within the project limits. The Bidder's attention is directed to the requirements of cooperation with others as covered in Section 104.08 of Michigan Department of Transportation 2020 Standard Specifications for Construction. No claims for extra compensation or adjustments in unit prices will be allowed the road contractor because of any delay, inconvenience or extra work caused by other parties working on the project.

**GENESEE COUNTY ROAD COMMISSION
COORDINATION CLAUSE**

1 of 1

The Contractor is hereby notified that there may be other construction projects in the vicinity of this project under construction during the contract time and the Contractor shall coordinate all construction activities, including traffic control with the contractor of any other construction projects as required by the Engineer.

No additional payment or extension of time to the contract will be allowed for this coordination.

SPECIAL PROVISION
FOR
CONTROL OF MATERIALS

GENERAL

Only materials or fabricated items conforming to the requirements of the specifications and approved by the Engineer prior to use shall be used in the work. Immediately upon award of the contract, the Contactor shall furnish a complete written statement of the origin, composition and manufacturer of all materials or fabricated items required in the work.

Testing of all materials used in the construction of this project will be performed by the Genesee County Road Commission, by commercial testing consultants, or other testing laboratories as designated by the Engineer. Where a material is to be accepted by certification, the Contractor shall furnish the Engineer with a copy of the Certification of Quality as provided by the producer, which shall identify the materials by name and specifications designation and shall name the sources of the materials.

The Contractor will be permitted to change the source of supply provided the Engineer is given reasonable time to make adjustments. The Engineer may require the Contractor, fabricator or supplier to furnish acceptable material from other sources if the original source is unsatisfactory with no claim for additional compensation or increased cost.

SPECIAL PROVISION

LEGAL RESPONSIBILITY OF CONTRACTOR

The Contractor is required to be familiar with all laws, ordinances, regulations and State Administrative Board resolutions which may in any manner modify the Standard Specifications or affect the equipment and materials used in the proposed construction, those employed on the work and the conduct of the work, and he shall save harmless and indemnify the Road Commission and its representatives against any claim arising from violation thereof.

Pursuant to the requirements of Section 4 of Act No. 251, Public Acts of the State of Michigan of 1955, as amended, Act 45 of the 1963 and subsequent amendments, and the State Code of Fair Practices, the Contractor agrees not to discriminate against any employee or applicant for employment, to be employed in the performance of the contract, with respect to hire, tenure, terms, conditions, or privileges of employment, or any matter directly or indirectly related to employment, because of age or sex, except where based on a bona fide occupational qualification, or race, color, religion, national origin, or ancestry. The Contractor further agrees that every subcontract entered into for the performance of the contract will contain a provision requiring nondiscrimination in employment, as herein specified, binding upon each Subcontractor. Breach of this covenant may be regarded as a material breach of the contract.

The Contractor shall be aware of and make all necessary efforts to conform with M.I.O.S.H.A. Standards and Specifications. He shall be required to pay all charges and fees necessary and shall prosecute the work in compliance with the law. If fines are levied against the Genesee County Road Commission due to the actions of the Contractor, payment shall be made out of monies due or coming due to the Contractor.

When the United States Government is to pay a portion of the cost of construction, the attention of the Contractor is directed to Title 23, United States Code. Section 114 of this Act provides that such highway construction and reconstruction and labor in each State shall be done in accordance with its laws and under the direct supervision of the Engineer for the Board of County Road Commissioners of the County of Genesee, subject to the inspection and approval of the proper agents of the Federal Government and in accordance with the rules and regulations made pursuant thereto. The construction work, therefore will be subject to such inspection by such agents of the Federal Government as may be necessary to meet the above requirements, but such inspection will in no sense make the Federal Government a party to and will in no way interfere with the rights of either party thereto.

The Contractor shall procure all permits and licenses and pay all charges and fees necessary and incident to the due and lawful prosecution of the work.

SPECIAL PROVISION

For

Protection of Environment

And

Control of Hazardous and Polluting Materials

1 of 1

The contractor is reminded of his responsibilities as outlined in Section 107 of the Michigan Department of Transportation 2020 Standard Specifications for Construction, in particular Section 107.07, 107.11, and 107.15. It is the contractor's responsibility to determine what the laws require and then, at the sole expense of the contractor, to perform all the work required by this contract in whatever manner may be required to comply with all applicable laws. The contractor is liable to the Road Commission for any fines, remediation, or environmental response costs incurred by the Road Commission as a result of the contractor's failure to be in compliance with all federal, state and local laws.

The Engineer shall have the right to shut down affected operations when the contractor is in noncompliance with the applicable laws and to require immediate remedial action to be in compliance. There shall be no additional compensation to the contractor as a result of any suspension of work by the engineer or required remedial action to be in compliance as noted herein.

SPECIAL PROVISION
FOR
CONTROL OF WATER POLLUTION AND SILTATION

1 OF 1

- A. **Description** — The contractor shall conduct his work in such a manner as to not cause damaging siltation or pollution of the water in the lakes, rivers, streams or fields. Attention is directed to Sections 107.15 and 208 of the Michigan Department of Transportation 2020 Standard Specifications for Construction and any permits contained herein.

All work of water pollution and siltation control is also subject to inspection by the Water Resources Division of the Michigan Department of Environment, Great Lakes, and Energy (EGLE).

- B. **Construction Methods** — Each construction operation shall be completed so as to prevent erosion and consequent siltation of the lakes, rivers or streams. The area of erodible land exposed to the by the grading operations at any one time shall be subject to the approval of the engineer, and final trimming and finishing of the area shall occur within 5 days of exposure or else temporary measures are to be placed. The engineer shall have full authority to order the suspension of grading pending adequate and proper completion of the trimming, finishing, and maintenance work so as to restrict the area of erodible land exposed to the elements.

When it is necessary to use construction pads, haul roads or temporary roads in or across the river or stream, they shall be constructed with gravel or stone consisting of durable particles of rock and shall contain only negligible quantities of fines placed upon geotextile material. This or other methods of entering the river or stream for construction purposes may be used, but must have prior written approval of the engineer AND EGLE.

The disturbance of lands and waters that are outside the limits of construction as staked is prohibited, except as found necessary and approved by the engineer.

The contractor shall conduct his work in such a manner as to prevent the entry of fuels, oils, bituminous materials, chemicals, sewage, or other harmful materials into the lakes, rivers or streams.

- C. **Measurement and Payment** — Work and materials required for the control of water pollution and siltation will not be paid for separately, but will be considered included with prices bid for other items of work for the construction of the project, except as specific items of work are provided for on the plans or in the proposal.

No claim for additional compensation will be allowed for any adjustments in the contractor's work schedule that may be made to prevent an excessive amount of erodible land being exposed to the elements.

SPECIAL PROVISIONS

PROTECTION OF UTILITIES

In case culverts and/or sewers are to be installed next to or beneath an existing utility facility, the Contractor shall perform this work in such a manner as to protect and preserve the utility facility, and avoid any additional expense to the County and the utility owner. If, in the process of construction it becomes necessary to hand dig or otherwise locate utilities to the installation or perform any prescribed construction operation, the operations so involved shall be performed according to P.A. 174 of 2013, "Miss Dig Act." Any such work or delays resulting from the protection and preservation of such utility facility shall be considered incidental, and claims for additional compensation will not be acknowledged.

SPECIAL PROVISIONS

EROSION CONTROL

The contractor shall take all necessary measures to ensure that no undue erosion or sedimentation takes place. The Engineer shall cause the Contractor to do whatever work may be required to ensure compliance with approved erosion and sedimentation control procedures with specific references to Section 208 of the Michigan Department of Transportation (MDOT) 2020 Standard Specifications for Construction and R-96 Series of the latest MDOT Standard Plans.

This work shall be considered as included in the project, unless payment for specific items has been provided in the plans.

This work shall be done in accordance with the requirements of Part 91, Soil Erosion and Sedimentation Control of 1994 P.A. 451.

MAIL BOXES MAIL BOX SUPPORTS AND MISCELLANEOUS POSTS

The contractor shall protect existing mail boxes that are to remain in-place. Mail boxes to remain that are disturbed or damaged in the course of the Contractor's Work shall be replaced in kind by the Contractor at no cost to the Department.

The contractor will be required to move any mail boxes and their supports that will be disturbed by the work, prior to the start of construction, place and maintain them in a temporary location during construction, and replace them, as directed by the Engineer, at the completion of construction. The Contractor will be required to exert reasonable care in the moving of these items.

The labor, material and other means of construction necessary for the removal, temporary placement and final restoration of mailbox assemblies shall be considered as included in project cost.

New mailbox posts that are required, as directed by the Engineer, shall be paid for separately.

The contractor will be required to remove any miscellaneous posts from the road clear zone as directed by the Engineer. The labor, material and other means of construction necessary for the removal of the posts shall be considered as included in the project cost.

MOBILIZATION & PROJECT CLEANUP

Mobilization will be in accordance with Section 110 and Project Cleanup will be in accordance with Section 209 of the MDOT 2020 Standard Specifications for Construction. Cost for these items shall be included in the project and will not be paid for separately.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

Soil erosion and sedimentation control devices shall be utilized on this project to effectively reduce accelerated soil erosion and sedimentation.

A N.P.D.E.S. permit is not required for this project.

Timing and sequencing of erosion control devices for the major items of work shall be identified and submitted to the construction engineer at the preconstruction meeting.

Permanent soil erosion control measures for all slopes and ditches or any disturbed land area shall be completed within 5 calendar days after final grading or the final earth change has been completed.

Cleanup will be done in a manner to ensure that erosion control measures are not disturbed.

The project will continually be inspected for soil erosion and sedimentation control compliance. Deficiencies will be corrected by the contractor within 24 hours.

Temporary erosion control measures shall be completely removed by the contractor upon establishment of permanent control measures.

This work shall be considered included in the project, unless otherwise payment for specific item has been provided in the plans.

MICHIGAN
DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
FOR
ERRATA TO THE 2020 STANDARD SPECIFICATIONS

1 of 13

04-30-25

Page	Subsection	Errata
1-06	101.02	Delete the second abbreviation of the list on this page reading: "IES Illuminating Engineering Society
1-06	101.02	Add the abbreviation to the list on this page reading: "IESNA Illuminating Engineering Society of North America
1-07	101.02	Change the first abbreviation of the list on this page to read: MMUTCD.....Michigan Manual on Uniform Traffic Control Devices
1-83	108.05.A.2	In the first paragraph of this subsection change the language "MDOT Form 1130" to read "MDOT Form 1130A".
1-88	108.08.D	Move the last paragraph of this subsection to the left one indent to align with the first paragraph of the subsection and not with the subsection 108.08.D.3.
2-29	205.03.P.1	Delete the first sentence of this subsection and replace with the following: "Do not dispose of material, temporarily or permanently, beyond the normal plan fill slope across wetlands or floodplains."
2-30	205.03.P.2	Delete the first sentence of this subsection and replace with the following: "Do not dispose of material, temporarily or permanently, in wetlands or floodplains."
2-30	205.03.P.3	Delete the second paragraph of this subsection and replace with the following: "Contact the appropriate regulatory agencies to determine whether an area is a regulated wetland or floodplain before disposing of surplus or unsuitable material in areas outside the right-of-way and not shown on the plans as disposal sites."
2-30	205.03.P.3	Delete the first sentence of the third paragraph of this subsection and replace with the following: "Immediately move to an upland site any surplus or unsuitable material that was disposed of in portions of wetlands or floodplains not shown on the plans as disposal sites, at no additional cost to the Department."

- 2-30 205.03.P.4 Delete the first sentence of this subsection and replace with the following:
“The Department will notify the applicable regulatory agencies if the Department becomes aware that the Contractor disposed of surplus or unsuitable material in portions of a wetland or floodplain not shown on the plans.”
- 3-31 308.04.D Change the subsection title from “D. **General.**” to read “A. **General.**”
- 4-5 401.03.A Delete the fourth sentence of the second paragraph on this page of this subsection and replace it with the following:
“Place the backfill up to 4 inches below the proposed bottom of the pipe and cover with geotextile separator.”
- 4-7 401.03.E Delete the third sentence of the second paragraph of this subsection and replace with the following:
“Use precast or cast-in-place footings for precast end sections as required.”
- 4-8 401.03.E Delete the first sentence of the fourth paragraph on this page of this subsection and replace with the following:
“When discharging stormwater directly to waters of the state, permanently label all end sections or other piped points of stormwater entry with “MDOT” or the local agency’s name in a conspicuous location that will remain visible after construction.”
- 4-11 401.04 Change the eighth pay item from the bottom of the list on this page to read as follows:
Culv End Sect __ inch, GrateEach
- 4-11 401.04.A.3 Delete this subsection in its entirety and replace it with the following:
“3. Providing and placing culvert bedding, culvert, and geotextile blanket;”
- 4-12 401.04.C.4 Change this subsection to read:
“The Engineer will measure Culv End Sect __ inch, Grate by each as shown on the plans for the size of grate required.”
- 4-16 402.03.A Delete the fourth sentence of the third paragraph on this page of this subsection and replace it with the following:
“Place the backfill up to 4 inches below the proposed bottom of the pipe and cover with geotextile separator.”
- 4-21 402.03 Add a new subsection to the end of subsection 402.03 on this page reading as follows:
“K. **Outfall Labeling.** Label all stormwater outfalls directly discharging to waters of the state in accordance with subsection 401.03.E.

- 4-21 402.04.A Delete the last sentence of this subsection and replace it with the following:
 “The unit price for **Sewer and Sewer, Reinf Conc, Ellip** includes the cost of excavation, bedding, backfill, geotextile blanket, and conducting mandrel testing if required.”
- 4-33 404.03.D.1 Delete this subsection in its entirety and replace it with the following:
 “1. **Foundation, Bank, Subbase and Subgrade Underdrains.**
 Backfill using granular material Class IIAA.”
- 4-39 406.02 Change the third line in the list of materials to read:
 Coarse Aggregate 6A, 6AA, 17A.....902
- 4-41 406.03.A.3 Delete the third paragraph of this subsection and replace with the following:
 “Design joints between adjacent box culvert sections in accordance with Section 9 of ASTM C1577 and to accommodate the joint sealing material in accordance with section 914 as applicable.”
- 4-50 406.03.G.3 Change the first sentence of the first paragraph to read:
 “Unless otherwise shown on the plans, construct culvert bedding for box culverts by placing a 9-inch-thick layer of 46G aggregate, covered with a 3-inch-thick layer of 34G, 34R aggregate, or approved equal.”
- 4-51 406.03.G.3 Add the following sentence to the end of the second paragraph of this subsection:
 “The cold applied joint sealer must completely cover the external rubber gasket with the placement limits matching the width of the geotextile blanket.”
- 4-52 406.04.B In the second paragraph of this subsection delete the first sentence and replace with the following:
 “The Department will pay separately for cast-in-place concrete, other than for culvert segments, headwalls, wingwalls, aprons, and curtain walls.”
- 5-26 502.02 Delete the first sentence of the subsection and the listed materials in this subsection.
- 5-26 502.02.A Add the following to the end of the first sentence in this subsection:
 “(914.04A)”
- 5-26 502.02.B Add the following to the end of the first sentence in this subsection:
 “(502.02B)”
- 5-35 503.04 Change the first paragraph to read:
 “The unit price for **Paver-Placed Surface Seal**, of the type required, includes the cost of preparing the surface, and placing a membrane and paver placed surface seal course for full-width coverage,

except that the Department will pay separately for removing pavement markings in accordance with subsection 812.04”

- 5-46 504.04.A Change the first paragraph to read:
“A. **General.** The unit prices for **Micro-Surface**, regardless of the type required, include cleaning existing pavement, applying a bond coat, stationing, corrective action, and traffic control to complete corrective action.”
- 6-20 602.04 Delete the fifteenth pay item of the list on this page reading:
“Shoulder, Reinf Conc.....Square Yard
- 6-20 602.04 Change the sixteenth thru the eighteenth pay items on this page to read as follows:
Shld, Nonreinf Conc.....Square Yard
Shld, Nonreinf Conc, High PerformanceSquare Yard
Shld, Freeway.....Square Yard
- 6-21 602.04.B.1 Delete this subsection and replace with the following:
“**Shld, Nonreinf Conc; and Shld, Nonreinf Conc, High Performance.** The Engineer will measure, and the Department will pay for, **Shld, Nonreinf Conc; and Shld, Nonreinf Conc, High Performance** by area, based on plan quantities in accordance with subsection 109.01.”
- 6-21 602.04.B.2 Delete this subsection and replace with the following:
“**Shld, Freeway.** The Engineer will measure, and the Department will pay for, **Shld, Freeway** based on plan quantities in accordance with subsection 109.01. If the Contractor uses concrete for the shoulder, the unit price for **Shld, Freeway** includes the cost of the transverse joints in the shoulder and the external longitudinal pavement joints.”
- 6-23 602.04.F Add the following sentence to the end of the first paragraph of this subsection:
Temporary concrete pavement, pavement within 4 feet of an obstruction, pavement areas less than 300 square yards, or pavement less than 3 feet wide will not be cored.
- 6-23 602.04.F Delete the following language from this subsection on this page:
“The Engineer will not core the following:

1. Temporary concrete pavement;

2. Pavement within 4 feet of an obstruction;

3. Pavement areas less than 300 square yards; or

4. Pavement less than 3 feet wide.”
- 6-24 602.04 Rename the following subsections as follows:

		<ol style="list-style-type: none"> “1. Initial Core. 2. Additional Cores. 3. Price Adjustment for Thickness. 4. Price Adjustments for Steel Locations within the Pavement. 5. Remove and Replace.”
6-24	602.04	
6-24	602.04	
6-25	602.04	
6-26	602.04	
6-29	603.02	<p>Change the first sentence in the last paragraph in this subsection to read: “Provide coarse aggregate with no greater than 2.5% absorption in accordance with AASHTO T85.”</p>
7-11	705.02	<p>Change the second sentence in the last paragraph in this subsection to read: “Provide natural aggregate and with no greater than 2.50% absorption as specified in AASHTO T85 for structure concrete.”</p>
7-29	706.02	<p>Change the first sentence in the seventh paragraph in this subsection to read: “Provide natural aggregate and with no greater than 2.50% absorption as specified in AASHTO T85 for structure concrete.”</p>
7-107	709.04	<p>Change the Pay Unit on the second pay item from the top of the list on this page to read as follows: Thousand Board Foot</p>
7-115	711.02	<p>Change the first sentence in the last paragraph in this subsection to read: “Provide natural aggregate with a maximum absorption of 2.50% in accordance with AASHTO T85.”</p>
7-120	712.02	<p>Change the first sentence in the sixth paragraph in this subsection to read: “Provide concrete containing natural aggregate with a maximum absorption of 2.50% in accordance with AASHTO T85.”</p>
7-185	718.02	<p>Change the first sentence in the last paragraph in this subsection to read: “Provide concrete with natural aggregate with a maximum absorption of 2.50% in accordance with AASHTO T85.”</p>
8-12	804.03.B.2	<p>Change the first sentence in this subsection to read: “Cast in place light standard and sign support foundations using fixed forms in accordance with the <i>MDOT Standard Plan R-50 series</i>.”</p>
8-27		<p>Change the last pay item at the bottom of this page to read as follows: Guardrail Anch, Bridge, Det __, CurvedEach</p>
8-44	810.03.J.9	<p>Add a period to the end of the third sentence in this subsection.</p>

- 8-53 810.03.V Add a period to the end of the second sentence of the first paragraph of this subsection.
- 8-53 810.04 Change the fourth pay item from the top of the list on this page to read as follows:
Post, Steel, __ pound.....Foot
- 8-53 810.04 Change the last four pay items at the bottom of this page to read as follows:
Fdn, Truss Sign Structure Type __, __ inch dia, Cased.....Foot
Fdn, Truss Sign Structure Type __, __ inch dia, UncasedFoot
Fdn, Cantilever Sign Structure Type __, __ inch dia, CasedFoot
Fdn, Cantilever Sign Structure Type __, __ inch dia, Uncased.Foot
- 8-55 810.04.B.1 Delete the second paragraph of this subsection and replace with the following:
"The unit prices for **Fdn, Truss Sign Structure Type __, __ inch dia, Cased** and **Fdn, Cantilever Sign Structure Type __, __ inch dia, Cased** include the cost of concrete, slurry, steel reinforcement, permanent casings, anchor bolts, excavation, and disposal of excavated material."
- 8-55 810.04.B.2 Delete this subsection and replace with the following:
"**Foundation, Truss Sign Structure, Uncased and Foundation, Cantilever Sign Structure, Uncased.** The unit prices for **Fdn, Truss Sign Structure Type __, __ inch dia, Uncased** and **Fdn, Cantilever Sign Structure Type __, __ inch dia, Uncased** include the cost of concrete, slurry, steel reinforcement, temporary casings, anchor bolts, excavation, and disposal of excavated material."
- 8-57 810.04.I Delete the first paragraph of this subsection and replace with the following:
"The unit price for **Sign, Rem** of the type required includes the cost of removing signs from supports and stacking by shape and size."
- 8-57 810.04.I Delete the second paragraph of this subsection and replace with the following:
"The unit prices for **Ground Mtd Sign Supports, Rem; Cantilever, Rem** and **Truss, Rem** include the cost of removing ground mounted sign supports, cantilever or truss supports."
- 8-57 810.04.L Change this subsection to read:
"The unit price for Sign, Erect, Salv of the type required includes erecting the salvaged sign on a new sign support or existing sign support, as shown on the plans, and attaching devices, and hardware, including brackets."
- 8-93 812.03.D.14 Add the following paragraph after the second paragraph in this subsection:
"If the temporary rumble strips lose their adhesion to the pavement during the life of the project, replace or re-adhere them, as directed

by the Engineer. Upon completion of the project, or as directed by the Engineer, entirely remove the temporary rumble strips using a method that does not permanently damage the pavement surface.”

- 8-95 812.03.D.14 Delete the third, fourth, fifth and sixth paragraphs of this subsection.
- 8-110 812.04 Change the fifth and sixth pay item from the top of the list on this page to read as follows:
Sign, Type B, Temp, Prismatic, Spec, Furn Square Foot
Sign, Type B, Temp, Prismatic, Spec, Oper Square Foot
- 8-141 815.04.C.1.b Delete this subsection in its entirety.
- 8-141 815.04.C.1.c Rename and change this subsection as follows:
“b. Removal and disposal of unacceptable plants including the root ball.
- 8-141 815.04.C.1.d Delete this subsection in its entirety.
- 8-142 815.04.C.2.d Change this subsection to read:
“During the first watering of the second growing season, remove and dispose of the guying material, identification tags, and inspection tags.”
- 8-144 816.03.A Change the third sentence in this subsection to read:
“Use topsoil from within the project limits; or from off-site sources meeting the requirements in subsection 917.06.”
- 8-167 818.04 Add the pay item to the bottom of the list on this page as follows:
Power Company (Estimated Cost to Contractor) Dollar
- 8-170 818.04.G Delete this subsection in its entirety.
- 8-170 818.04 Rename the following subsections as follows:
“G. **Handholes (Hh).**
H. **Service Disconnect.**
I. **Metered Service.**
J. **Unmetered Service.**
K. **Wood Pole.**
L. **Concrete Pole, Fit Up.**
M. **Steel Pole, Fit Up.**
N. **Bracket Arm.**”
- 8-171 818.04.J Delete the second paragraph of this subsection and replace with the following:
“The pay item, **Power Company (Estimated Cost to Contractor)**, establishes a budgeted amount in the contract to cover the cost of reimbursing the Contractor for payments made to the power company for providing electrical power at the locations shown on the plans. The Department will estimate the reimbursement costs to the Contractor and establish a budgeted amount as shown on

the plans. The Department will pay the Contractor for power company invoices paid, as submitted to the Engineer.”

- 8-176 819.03.B.5.b In the second paragraph of this subsection delete the first sentence and replace with the following:
“Tighten bolts connecting the pole to the frangible base to a snug tight condition in accordance with subsection 707.03.E.6.c.”
- 8-185 820.01.B Add a period to the end of the first sentence of this subsection.
- 8-187 820.02 Change the first line in the list of materials on this page to read:
Conduit Material.....918
- 8-196 820.03.O In the fourth paragraph of this subsection delete the last sentence and replace with the following:
“Use smooth wall, Schedule 80, rigid PVC conduit, or coilable, Schedule 80 PE conduit in accordance with section 818.”
- 8-199 820.04 Add the pay item to the list on this page:
TS, (number) Way (type) Mtd (LED) Optic
- 8-200 820.04 Change the second pay item from the top of the list on this page to read as follows:
TS Head, TempEach
- 8-200 820.04 Change the eleventh pay item from the top of the list on this page to read as follows:
TS, Lens, Pedestrian Sym (LED)Each
- 8-200 820.04 Delete the following pay items from the list:
Strain Pole, Steel, 6 bolt, __ foot.....Each
Mast Arm Pole, Cat__Each
Mast Arm, __Foot, Cat.....Each
- 8-200 820.04 Change the eleventh pay item from the bottom of the list on this page to read as follows:
Mast Arm, Rem.....Each
- 8-200 820.04 Delete the following pay item from the list:
Pushbutton, Pedestal, Alum.....Each
- 8-201 820.04 Delete the following pay item from the list:
Pushbutton, Pedestal, RemEach
- 8-201 820.04 Delete the following pay item from the list:
Power Co. (Est Cost to Contractor)..... Dollar
- 8-202 820.04 Add the following pay item to the list:
Bracket, Truss, Salv.....Each
- 8-204 820.04.C Delete the last paragraph of this subsection in its entirety.

- 8-204 820.04.D Delete the first paragraph of this subsection in its entirety.
- 8-205 820.04.E Delete the sixth paragraph of this subsection in its entirety.
- 8-205 820.04.E Delete the seventh paragraph of this subsection in its entirety.
- 8-205 820.04.E Change the eighth paragraph to read:
"The unit price for **Pedestal, Pushbutton, Alum** includes the cost of installing the aluminum pushbutton pedestal assembly, installing hardware, fittings, grounding, and ground rod."
- 8-205 820.04.E Change the ninth paragraph to read:
"The unit price for **Pedestal, Pushbutton, Rem** includes the cost of removing the pedestal assembly and hardware."
- 9-5 902.02 Delete the first line under the Material list and relace with the following:
"Wire Cloth and Sieves ASTM E11"
- 9-9 902.03.C.1.b Delete the first sentence in this subsection and replace with the following:
"The physical requirements for the coarse aggregate are as specified in Table 902-2 and as follows:"
- 9-14 Table 902-1 In the row that includes the information on the 34G material, under the column titled Item of Work by Section Number (Sequential) delete the reference to the section 404.
- 9-15 Table 902-2 Add the superscript (n) in the first row in the Dense-graded aggregates section of the table under the column titled Crushed Material, % min. (MTM 117).
- 9-16 Table 902-2 Add the superscript (n) in the first row in the Open-graded aggregates section of the table under the column titled Crushed Material, % min. (MTM 117).
- 9-16 Table 902-2 Delete the superscript footnote in the first through fourth rows under the header row that reads "(m)" in the column Loss, % max, LA Abrasion (MTM 102).
- 9-16 Table 902-2 Add the following row after the third row in the Open-graded aggregates section reading:

46R	--	45	--	--	--
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- 9-16 Table 902-2 Add the superscript footnote in the header row that reads "(m)" in the column Loss, % max, LA Abrasion (MTM 102).
- 9-15 Table 902-2 Delete the footnote (d) in one location in the table.

9-17	Table 902-2	Delete the footnote (d) in one location in the table.
9-17	Table 902-2	Add the following footnote below the existing footnotes in this table. “(n) For recycled crushed concrete, if the source concrete uses primarily rounded river gravel aggregates, the minimum crushed particle content can be reduced to 90%.”
9-21	Table 902-6	Delete the footnote (b) in two locations in the table.
9-21	Table 902-6	Change the footnote (c) to read (b) in two locations in the table.
9-21	Table 902-6	Change the footnote (d) to read (c) in two locations in the table.
9-25	903.04	Delete the second sentence of the second paragraph of this subsection.
9-70	909.07.A	Delete the second sentence of this subsection.
9-70	909.05.D	Change the first sentence in this subsection to read: “Provide steel pipe for jacking in place meeting the requirements of ASTM A53/A53M for Type E or Type S, Grade B, or ASTM A139/A139M for Grade B.”
9-71	909.08.A	Change the first sentence in this subsection to read: “Provide bridge deck downspouts of PE pipe meeting the requirements of ASTM F714, PE 4710, DR 26 or Schedule 80 PVC.”
9-94	Table 910-01	Change the value in the fifth row under the header row in the Permittivity (min) (per second) column from 0.5 to read: “0.05”
9-94	Table 910-01	Change the value in the seventh row under the header row in the Permittivity (min.) (per second) column from 0.5 to read: “0.05”
9-95	Table 910-2	Change the second row under the Ultimate strength section to read: “CMD ^(c) 1950 lb/ft”
9-119	913.06	Change this subsection to read: Circular precast concrete units with circular reinforcement for adjusting rings, tops, risers, and sump bases for manholes, catch basins, and inlets must meet the requirements of AASHTO M199 and the following additions and exceptions:
9-133	917.03	Rename the four subsections following the first paragraph on this page as follows: D. Deciduous Shade Trees. E. Small Trees, Ornamentals, and Shrubs. F. Evergreen Trees. G. Vines, Ground Cover, and Herbaceous Ornamental Plants.

- 9-149 918.08 In the first paragraph of this subsection delete the second sentence and replace with the following:
“Provide light standards designed in accordance with AASHTO’s LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals.”
- 9-150 918.10 In the first paragraph of this subsection delete the first sentence and replace with the following:
“Provide tower lighting units designed in accordance with AASHTO’s LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals.”
- 9-164 919.04.B In the first paragraph of this subsection delete the first sentence and replace with the following:
“Provide square tubular steel sign supports meeting the chemical, mechanical, and geometric properties of material used in the crash tests referenced in AASHTO’s LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals.”
- 9-170 920.02.C Change the reference to Table 920-2 to read Table 920-3 in two locations.
- 9-218 922.06 Add the following subsection after subsection 922.06.C:
“D. **Temporary Rumble Strips (Orange)**. The completed temporary rumble strip consists of one layer of the 0.25- by 4-inch material.
- Apply the primer to the surface of the pavement only if recommended by the manufacturer. Place the pre-adhesive surface of the rumble strip on the primer or directly on the pavement surface, as recommended by the manufacturer. Seat the rumble strips with a minimum of three passes of a 200-pound weighted roller.
- Provide temporary rumble strips that are composed of a polymer with pre-applied adhesive, orange, and a tensile strength of 250 psi. Provide primer in accordance with the manufacturer’s recommendations.”
- 9-222 922.10.A.3 Delete this subsection and replace with the following:
“Conform to the wind load requirements specified by AASHTO’s LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals with all equipment mounted without the need for additional ballast;”
- 10-5 1001.03.A.4.m Delete this subsection and replace it with the following:
“m. Contractor’s signature or initials when water is added on-site.”
- 10-15 1002.03.A.9 Delete this subsection and replace it with the following:
“9. AASHTO T177 - Standard Method of Test for Flexural Strength of Concrete (Using Simple Beam with Center-Point Loading)”

- 10-23 1003.03.B Delete the last sentence of this subsection and replace with the following:
"Aggregate sampling for concrete will be performed by an MCAT-certified Aggregate Technician Level II."
- 10-42 Table 1006-01 Change footnote (a) to read:
"(a) Ensure that the coarse aggregate's absorption does not exceed 2.5% in accordance with AASHTO T85."
- 10-43 Table 1006-02 Replace Table 1006-02 with the Table 1006-02 below.
- 1A - 20A Pay Item Index Replace the Pay Item Index in its entirety.

**Table 1006-2:
Overlay Mixtures**

Mixture Type	Aggregate	Slump (inch)	Air Content	Admixture Required	Mixture Proportions lb/yd ³ , dry weight					
					Cement ^(a)	Dry Densified Silica Fume ^(b)	Net Mix Water	Fine Agg	Coarse Agg	Latex Admixture
SFMC	2NS and 26A ^(c)	4-6	6.5 ±1.5%	^{(d),(e),(f)}	618	40	273 ^(g)	1273	1601	—
LMC	2NS and 26A ^(c)	^(h)	4.5 ±1.5%	—	658	—	^(h)	1490 ^{(i),(j)}	1300 ^{(i),(j)}	206

(a) Use only Type I or Type II Portland cement.

(b) For SFMC mixtures, the Contractor may use a blended silica fume Portland cement. However, if the silica fume content of the blended material is greater than 8% of the total cementitious material, submit to the Engineer modified mix proportions with Type I Portland cement added to the blended material to achieve the equivalent individual cementitious material mixture proportions.

(c) Provide coarse aggregate, 95% minimum crushed materials in accordance with Michigan Test Method (MTM) 117, with an absorption no greater than 2.5%, in accordance with AASHTO T85.

(d) Water-reducing high-range admixture or water-reducing high-range and retarding admixture.

(e) Virgin polypropylene collated fibers at 2 lb/yd³.

(f) Air-entraining admixture.

(g) Provide a net water to cementitious material ratio of 0.41 (cementitious material includes cement and silica fume).

(h) Add water in addition to water in the latex admixture to control slump to within 3 to 5 inches. Measure slump from 4 to 5 minutes after discharge from the mixer. During the waiting period, deposit concrete on the deck and do not disturb. If placing mixtures on sections within superelevated curves, the Contractor may need to use the lower allowable range of the slump requirement, as determined by the Engineer. Do not exceed water-cement ratio, by weight, of 0.30 including water contained in the latex emulsion.

(i) Aggregate proportions are approximate; due to gradation changes, the Contractor may increase proportions by no greater than 5% by weight of total aggregate if reducing coarse aggregate by an equivalent volume.

(j) Aggregate weights specified in the table are based on a dry bulk specific gravity of 2.65 for gravel and stone. Adjust the weights if the specific gravity of the materials used varies by more than 0.02 from the specified values.

HMA APPLICATION ESTIMATE

1 of 1

DESCRIPTION

This work shall be done in accordance with the requirements of Division 5 of the 2020 Michigan Department of Transportation Standard Specifications for Construction.

CONSTRUCTION METHODS

This work shall be done in accordance with the requirements of Section 502.03 of the 2003 Michigan Department of Transportation Standard Specifications for Construction.

MATERIALS

The HMA, 4EML (Top Course) shall have a yield of 165 pounds per square yard. The Aggregate Wear Index required number shall be 260.

The Performance Grade asphalt binder range for the Mixture shall be PG 58-28.

The HMA, 4EML (Hand Patch) shall have a yield of 550 pounds per square yard. The Performance Grade asphalt binder range for the Mixture shall be PG 58-28.

The Bituminous Bond Coat material shall be per Section 502.02. The uniform rate of application shall be 0.01 to 0.10 gallons per square yard.

Genesee County Road Commission

Special provision

FOR

PAVT, REM MODIFIED

Page 1 of 1

Description. This work shall be done in accordance with sections 204 and 501 of the Michigan Department of Transportation (MDOT) 2020 Standard Specifications for Construction except as modified.

Materials. None specified.

Construction. Work includes saw cutting and removal of existing pavement regardless of pavement depth, type, or material (HMA, concrete, soil cement, etc.) to the depth specified on the plans or as directed by the engineer.

The Contractor shall assume ownership of any removed materials and shall dispose of the materials in accordance with sections 204 and 501 of the MDOT 2012 Standard Specifications for Construction.

Measurement and Payment. The completed work as measured will be paid for at the contract unit price for the following pay item(s).

Pay Item	Pay Unit
Pavt Rem, Mod	Square Yard

The item of Pvt, Rem, Modified includes all labor, materials, and equipment necessary to perform the removal operation as required to complete the work. The area will be measured in square yards after completion of removal

Genesee County Road Commission

Special provision

for

MAINTAINING TRAFFIC, SPECIAL

1 of 1

Description. This work shall be done in accordance with the Michigan Department of Transportation (MDOT) 2020 Standard Specifications for Construction, MMUTCD, MDOT Traffic and Safety/Standards and special details.

Materials. Traffic Control Devices, Signs, Signals, Lighting Devices, Barricades, Delineators, Pavement Markings, Traffic Regulators, and all other equipment to protecting and regulating traffic in accordance with the MMUTCD, unless otherwise specified in the contract.

Construction. The Contractor shall safely maintain traffic throughout the entire length of the project. No overnight lane closures shall be permitted, unless approved by the Engineer. At least one lane of thru traffic shall remain open to traffic. Temporary lane closures shall be utilized in conjunction with flagging of traffic.

The contractor must submit a detailed Traffic Control Plan, specific to each project location, that is to be approved by the Engineer prior to starting construction.

Measurement and Payment. The completed work as measured will be paid for at the contract unit price for the following pay item(s).

Pay Item	Pay Unit
MAINTAINING TRAFFIC, SPECIAL	Mile

The item of Traffic Control includes all labor, materials, and equipment necessary to safely maintain traffic as required. At least one lane of traffic shall remain open.