

BOARD OF COUNTY ROAD COMMISSIONERS
BOARD OF PUBLIC WORKS

COMMISSIONERS:

W.C. Askew, Sr., Reginald D. Boze, Doug Burleson, Gregory H. Kinney, Wayne Nelson

NOTICE TO BIDDERS

The Board of County Road Commissioners of Van Buren County is accepting sealed bids at the Road Commission office, 325 W. James St., P.O. Box 156, Lawrence, MI 49064 until **11:00 AM on September 29, 2026**, at which time and place the bids will be publicly opened and read as follows:

- 77th Street North of 16th Avenue, South Haven Township; remove and replace existing culvert

All bids must be in a sealed envelope and plainly marked as to the item bid upon and the name of the bidder. All unmarked bids and/or bids received after the submitted deadline may be rejected.

Detailed specifications and bidding forms are available for download on the Van Buren County Road Commission's website at www.vbcrc.org/bidopportunities.

The Road Commission reserves the right to reject any or all bids, to waive irregularities in the bidding, and to award the contract in any manner deemed to be in the best interest of the Van Buren County Road Commission.

AN EQUAL OPPORTUNITY EMPLOYER
VAN BUREN COUNTY ROAD COMMISSION

NAME OF CONTRACTOR_____

PROPOSAL AND SPECIFICATIONS

FOR

HIGHWAY CONSTRUCTION

VAN BUREN COUNTY

PROJECT NO. 489.2555: Remove existing culvert and catch basins, install 60 foot long,
142 inch x 91 inch CMP.

77th Street north of 16th Avenue

South Haven Township

September 8, 2026

BOARD OF COUNTY ROAD COMMISSIONERS
OF VAN BUREN COUNTY, MICHIGAN

P.O. Box 156, 325 W. James Street, Lawrence, MI 49064

VAN BUREN COUNTY ROAD COMMISSION

ADVERTISEMENT FOR BIDS

COUNTY LOCAL ROAD CONSTRUCTION

The Board of County Road Commissioners of Van Buren County is accepting sealed bids at the Van Buren County Road Commission, located at 325 W. James Street, Lawrence, Michigan until 11:00 a.m., local time, **September 29rd, 2026**, at which time bids will be publicly opened and read.

PROJECT NO. 489.2555: Remove existing culvert and catch basins, install 60 foot long, 142 inch x 91 inch CMP.

All bids must be submitted on forms furnished by the Road Commission and sealed in envelopes with the name and address of the bidder, and the item bid upon clearly marked thereon.

The Commission reserves the right to reject any or all bids, to waive minor technicalities, and to accept the bid that is deemed to be in the best interest of the Van Buren County Road Commission.

**BOARD OF COUNTY ROAD COMMISSIONERS
OF VAN BUREN COUNTY, MICHIGAN**

Doug Burleson, Chairman
Reginald D. Boze, Vice-Chairman
W.C. Askew, Sr., Member
Gregory H. Kinney, Member
Wayne Nelson, Member

BID and AWARD

Date_____

Board of County Road Commissioners
Of Van Buren County
P.O. Box 156
325 West James Street
Lawrence, MI 49064

To Whom It May Concern:

The undersigned has examined the project log, specifications, and location of the work described herein and is fully informed as to the nature of the work and the conditions relating to its performance and understands that the quantities shown in the estimate are approximate only and are subject to either increase or decrease; and hereby proposed to furnish all necessary machinery, tools, apparatus and other means of performing the work, perform all the work, furnish all the materials except as otherwise specified herein, and, for the unit prices named in the accompanying unit price schedule, to complete work in strict accordance with the project log and specifications therefore.

The undersigned further proposes to perform such extra work as may be ordered by you, prices for such work not being included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun through an executed change order.

The undersigned agrees to complete all items of work between October 15, 2026 and May 31, 2027. The schedule for liquidated damages is located in the general specifications.

The Contractor shall submit a progress schedule, subject to approval of the Project Engineer, with the Bid Documents.

BID SURETY

A Bid Bond or Certified Check must accompany this bid in an amount not less than five percent (5%) of the amount of the total bid, as based on quantities appearing on the form of the Proposal or other bid security as shall be outlined in the Proposal and/or the Special Provisions section of the Specifications. The Bid Bond or other security of the successful bidder will be held until the Contract has been duly executed.

PERFORMANCE AND PAYMENT BONDS

Only projects exceeding \$50,000 will require Performance and Payment Bonds.

The successful bidder shall furnish Performance and Payment Bonds in the amount of 25% of the contract amount in such form and with such sureties licensed to conduct business in the State of Michigan.

THE CONTRACT

The Contract Documents consist of the bid documents, this Agreement, Conditions of the Contract (General Supplementary, Special and other Conditions), EGLE Permit, Project Log, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement; these form the Contract and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiation, representations, or agreements, either written or oral. If anything in the other Contract Documents is inconsistent with this Agreement, this Agreement will govern.

The undersigned bidder agrees that the following is a complete and accurate list of all sub-Contractors/suppliers to be utilized if awarded this contract and any change from this list will be permitted only with the consent of the Board of County Road Commissioners of Van Buren County. **LIST NAME OF EACH SUB-CONTRACTOR/SUPPLIER AND BRIEF DESCRIPTION OF WORK TO BE DONE OR MATERIAL TO BE SUPPLIED.**

I hereby state that all of the information I have provided is true, accurate and complete. I hereby state that I have the authority to submit this bid, which will become a binding contract if accepted by the Board of County Road Commissioners of Van Buren County. I hereby state that I have not communicated with nor otherwise colluded with any other bidder, nor have I made any agreement with or accepted anything of value from an official or employee of the Board of County Road Commissioners of Van Buren County that would tend to destroy or hinder free competition.

In the event the bidder is a co-partnership, each member must sign this proposal.

In the event the bidder is a Corporation, this proposal must be executed by its duly authorized officials in accordance with its articles of incorporation and a certified copy of such articles must be attached hereto.

I hereby state that I have read, understand and agree to be bound by all terms of this bid document.

SIGNATURE: _____ NAME: _____
(TYPE OR PRINT)

TITLE: _____ DATE: _____

FIRM NAME: _____ PHONE: _____

ADDRESS: _____
Street Address City State Zip

STANDARD SPECIFICATIONS

The Standard Specifications for Construction of the Michigan Department of Transportation, 2020 Edition shall apply. Nothing herein will be construed to create any obligation or duty on the part of the Board of County Road Commissioners of Van Buren County, including obligations or duties which may be expressed or implied in the Standard Specifications for Construction of the Michigan Department of Transportation, unless specifically set forth in the contract documents.

The Contractor shall not receive any additional compensation due to delays caused by utility companies.

TEMPORARY SESC MEASURES MUST BE IN PLACE BEFORE ANY SOIL DISTURBANCE

SPECIAL DEWATERING: The item of special dewatering will include all labor and material to achieve dewatering and channel relocation in accordance with the EGLE permit. During work on the culvert, and until the site is stabilized, the stream shall be blocked off with clean stone, gravel bags, or other acceptable materials, and the water pumped around the crossing. Water shall be discharged into the watercourse through a filter bag or appropriate treatments to remove suspended particles and to dissipate energy. The filter bag must not be placed in wetlands. An extra pump shall be kept on site in the event of failure.

METHOD OF PAYMENT FOR SPECIAL DEWATERING: The item of special dewatering will be paid as a lump sum.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Special Dewatering	LSUM

CULV, CSP Arch, CL A, 142 INCH by 91 INCH: The item of Culv, CSP Arch, CL A, 142 INCH by 91 INCH will include all labor and material for placing the culvert as specified. **One Piece CSP to be installed.**

It is the contractor's responsibility to protect all new culverts from damage by heavy equipment by ramping or other means necessary.

METHOD OF PAYMENT FOR CULV, CSP Arch, CL A, 142 INCH by 91 INCH: The item Culv, CSP Arch, 142 inch by 91 inch will be paid by the foot.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
CULV, CSP Arch, CL A, 142 INCH by 91 INCH	Ft

DR STRUCTURE, REM: The item of DR STRUCTURE, REM will include all labor and material to remove existing concrete and masonry drainage structures. Any structures requiring removal, but not shown on the plans to be removed, will be entirely removed, sawing when required, disposing of removed material is also included in this work.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Masonry and Conc Structure, Rem	LSUM

AGGREGATE BASE, 8 inch: Section 302 of the Standard Specifications will apply. The contractor will furnish, place, compact and shape the material to obtain a depth as specified for the length of the project.

Aggregate Base, 8 inch material will be compacted to not less than 98% of the maximum unit weight. Density tests may be performed at the discretion of the Project Engineer or his representative.

Materials:

Materials shall meet the following requirements:

Dense-Graded Aggregate 22A as per section 902 of the Michigan Department of Transportation 2020 Standard Specifications for Construction. This material must either be approved by the Van Buren County Road Commission Project Engineer prior to use or be tested and documented by a third party testing company, approved by the Van Buren County Road Commission Project Engineer.

Construction:

Preparation of Base: When required, the existing aggregate surface shall be bladed, or scarified and bladed, to remove irregularities in the grade.

Placing and Compacting:

The aggregate shall be a uniform mixture and compacted in place with uniform density full depth. Aggregate shall not be placed when the base is unstable as determined by the Project Engineer or his representative.

METHOD OF PAYMENT AGGREGATE BASE, 8 INCH: The item of Aggregate Base, 8 inch will be paid by the square yard. Aggregate Base, 8 inch payment includes all labor, equipment and materials required for the construction, maintenance and removal of the aggregate surface. The pay quantity for this item shall not exceed the plan quantity unless the contractor has received a written change order from the Van Buren County Road Commission Project Engineer. Amounts more than the plan quantity will not be considered for payment unless an error in calculations is proven. Aggregate Base, 8 inch shall be placed in the road areas and compacted.

PAY ITEM

PAY UNIT

Aggregate Base, 8 inch

Syd

GEOTEXTILE, SEPARATOR: The Item Geotextile, Separator will be paid by the square yard. This item includes all labor, equipment and materials to place the fabric under the rip rap and beneath the Aggregate, 6A. The pay quantity for this item shall not exceed the plan quantity unless the contractor has received a written change order from the Van Buren County Road Commission Project Engineer. Amounts more than the plan quantity will not be considered for payment unless an error in calculations is proven.

PAY ITEM

PAY UNIT

Geotextile, Separator

Syd

SUBBASE, CIP: Section 301 of the Standard Specifications will apply. The contractor shall furnish, place, compact and shape the material on the project.

The Subbase material will be compacted to not less than 95% of the maximum unit weight. Density tests may be performed at the discretion of the Project Engineer or his representative.

METHOD OF PAYMENT FOR SUBBASE, CIP: The item of Subbase, CIP will be paid by the cubic yard. The pay quantity for this item shall not exceed the plan quantity unless the contractor has received a

written change order from the Van Buren County Road Commission. Amounts in excess of the plan quantity will not be considered for payment unless an error in Project Engineer's calculations is proven.

PAY ITEM

PAY UNIT

Subbase, CIP

Cyd

HMA, 5EL: Prepare the existing aggregate surface and construct hot mix asphalt (HMA) pavements, and approaches. Provide a pavement meeting plan requirements, which is uniform in texture, density and smoothness with no measurable segregation.

Use release agents that do not harm the properties of the mixture, or the environment and is approved by the Engineer. Do not use fuel oil or other distillate derivatives.

PAY ITEM

PAY UNIT

HMA, 5EL

Ton

MINOR TRAF DEVICES: The pay item for Minor Traf Devices covers the following:

- Providing, installing, maintaining, relocating and removing traffic cones, barrels, barricades, arrow boards, temporary signage and other traffic devices in accordance with the current Michigan Manual of Uniform Traffic Control Devices (MMUTCD).
- Maintaining local traffic.
- Removing, storing and reinstalling VBCRC permanent signs and supports as required.

PAY ITEM

PAY UNIT

Minor Traf Devices

LSUM

SLOPE RESTORATION,MODIFIED: This work consists of preparing all lawns and slopes that require slope restoration and applying topsoil, fertilizer, seed and mulch with mulch anchor. Section 816 of the Standard Specifications for Construction and Standard Plan R-100 Series will apply.

Slope Restoration includes all labor, equipment and materials required to install Topsoil Surface, Furnished or Salvaged; Fertilizer, Chemical Nutrient, Class A; Seeding Mixture; and Mulch and Mulch Anchoring which will not be paid for separately but is included in the contract unit price for Slope Restoration.

1. Place Slope Restoration, Type A in all areas not described in the other types of slope restoration and will be measured by area in square yards in place.
2. Place Slope Restoration, Type B parallel (6 feet minimum) to the edge of the roadway, in areas that have a 1 on 3 slope and in any ditch with a grade less than 1.5 percent, or as directed by the Engineer. Slope Restoration, Type B will be measured by area in square yards in place. Slope Restoration, Type B includes all labor, equipment and materials required to install Topsoil Surface, Furnished or Salvaged; Fertilizer, Chemical Nutrient, Class A; Seeding Mixture; and Mulch Blanket which will not be paid for separately but is included in the contract unit price for Slope Restoration, Type B.

3. Place Slope Restoration, Type C in areas that have a 1 on 2 slope, any ditch with a grade of 1.5 percent to 3 percent or as directed by the Engineer. Slope Restoration, Type C will be measured by area in square yards in place. Slope Restoration, Type C includes all labor, equipment and materials required to install Topsoil, Furnished or Salvaged; Fertilizer, Chemical Nutrient, Class A; Seeding Mixture; and High Velocity Mulch Blanket which will not be paid for separately but is included in the contract unit price for Slope Restoration, Type C.
4. Place Slope Restoration, Type D in areas that have a slope steeper than 1 on 2, any ditch with a grade steeper than 3 percent or as directed by the Engineer. Slope Restoration, Type D will be measured by area in square yards in place. Slope Restoration, Type D includes all labor, equipment and materials required to install Topsoil, Furnished or Salvaged; Fertilizer, Chemical Nutrient, Class A; Seeding Mixture; and TRM which will not be paid for separately but is included in the contract unit price for Slope Restoration, Type D.

MATERIALS:

Sections 816 and 917 will apply unless modified by this special provision or directed by the Engineer. The following materials must be used on this project:

1. Seeding mixture TUF per MDOT Spec.
2. Fertilizer, Chemical Nutrient, Class A
3. Topsoil Surface, Furnished or Salvaged, 4 inch. Remove any stones greater than ½ inch in diameter or other debris from topsoil.
4. Mulch and Mulch Anchoring.

CONSTRUCTION: Methods must be in accordance with subsection 816.03 of the Standard Specifications for Construction. Begin this work as soon as possible after final grading of the areas designated for slope restoration but no later than the maximum time frames stated in Subsection 208.03. It may be necessary, as directed by the engineer, to place materials by hand.

Shape, compact and assure all areas to be seeded are weed free prior to placing topsoil. Place topsoil to minimum indicated depth to meet proposed finished grade. If the area being restored requires more than the minimum depth of topsoil to meet finished grade, this additional depth must be filled using topsoil or, at the Contractor's option, embankment. Furnishing and placing this additional material is included in this item of work. Topsoil must be weed and weed seed free and friable prior to placing seed. Remove any stones greater than ½ inch in diameter or other debris. Apply seed mixture and fertilizer to prepared soil surface. Incorporate seed into top ½ inch of topsoil.

Apply mulch at a rate of 2 tons per acre. Place Mulch Anchoring over the mulch at a rate specified in subsection 816.03 of the Standard Specification.

If an area washes out after this work has been properly completed and approved by the Engineer, make the required corrections to prevent future washouts and replace the topsoil, fertilizer, seed and mulch. This replacement will be paid for as additional work using the applicable contract items. If an area washes out for reasons attributable to the Contractor's activity or failure to take proper precautions, replacement will be at the Contractor's expense.

The Engineer will inspect the seeded turf to ensure the end product is well established, weed free, in a vigorous growing condition, and contains the species called for in the seeding mixture. If the seeded turf is not well established at the end of the first growing season, the Contractor is responsible to re-seed until the turf is well established and approved by the Engineer.

If weeds are determined by the Engineer to cover more than 10 percent of the total area of slope restoration, the Contractor must provide weed control in accordance with subsection 816.03.J. Weed control will be at the Contractor's expense with no additional charges to the project.

MEASURE AND PAYMENT: The completed work as measured shall be paid for at the contract unit price for the following contract item.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Slope Restoration, Modified	LSUM

EXTENDED RESTORATION: The item of Extended Restoration will include all labor, material and equipment required to maintain the restoration of the construction site. The contractor shall be responsible for the permanent establishment of turf and maintaining the temporary and permanent soil erosion control measures for a period of one year from the date of final approval or when the site is stabilized and approved by the Engineer. This may include reseeding, maintaining check dams, silt fences and spillways, and fixing erosion on site. Before final acceptance of the work, the Contractor shall remove all unused materials, erosion control devices, and rubbish.

METHOD OF PAYMENT FOR EXTENDED RESTORATION: The item of Extended Restoration will be paid for as a lump sum.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Extended Restoration	LSUM

VAN BUREN COUNTY ROAD COMMISSION
LAWRENCE, MICHIGAN

GENERAL SPECIFICATIONS

MICHIGAN DEPARTMENT OF TRANSPORTATION – STANDARD SPECIFICATIONS

The work covered by the plans and specifications will be done in accordance with the 2012 Michigan Department of Transportation Standard Specifications for Construction, except as qualified in supplemental specifications and special conditions of the Van Buren County Road Commission or as agreed to in writing at the time of the award of the contract.

DEFINITION OF TERMS

See Section 101 of Michigan Department of Transportation Standard Specifications for Construction.

SPECIAL CONDITIONS

Special requirements, regulations or directions applying to a particular project may be made apart of these specifications.

THE WORK

The work consists of the completed services, construction and/or paving by the Contract Documents and includes all materials and labor incorporated or to be incorporated therein.

RESPONSIBILITIES OF CONTRACTOR

A. Responsibility for and Supervision of Construction. Unless otherwise stated herein, Contractor will be solely responsible for all construction under this Contract, including the methods, techniques, sequences, procedures, and means, and for coordination of all work. Contractor will supervise and direct the work to the best of the Contractor's ability and give it all attention necessary for such proper supervision and direction.

B. Discipline and Employment. Contractor will always maintain strict discipline among Contractor's employees, and contractor agrees not to employ for work on the project any person unfit for without sufficient skill to perform the job for which he or she was employed.

C. Furnishing of Labor, Materials, etc. Unless otherwise stated herein, Contractor will provide and pay for all labor, materials, and equipment, including tools, construction equipment, and machinery, utilities, including water, transportation, and all other facilities and services necessary for the proper completion of work on the contract documents.

D. Payment of Taxes; Procurement of Licenses and Permits. Contractor will pay all taxes required by law in connection with work on the project in accordance with this agreement including sales, use, and similar taxes, and will secure all licenses and permits necessary for proper completion of the work, paying the fees for such licenses and permits.

E. Compliance with Laws and Regulations. Contractor will comply with all laws and ordinances, and the rules, regulations or orders of all public authorities relating to the performance of work under and pursuant to this Agreement including, but not limited to, the Occupational Safety and Health Act of 1970, the Michigan Occupational Safety and Health Act, and the rules and regulations of the Michigan Construction Safety Commission.

RESPONSIBILITIES OF CONTRACTOR (CONT'D)

F. Compliance with Soil Erosion and Sedimentation Control Operating Procedures. Contractor shall comply with all Soil Erosion and Sedimentation Control Operating Procedures for the Van Buren County Road Commission as attached.

G. Responsibility for Negligence of Employees and Subcontractors. Contractor assumes full responsibility for acts, negligence, or omissions of all of Contractor's employees on the project, for those of Contractor's, subcontractors, and their employees and for those of all other persons doing work under a contract with Contractor.

H. Responsibility for Safety. The Contractor will provide traffic control devices, as necessary. These traffic control devices may include Type II Barricades, Type III Barricades, and Construction Ahead or Road Work Ahead signs. The Contractor is responsible to maintain these devices for the duration of the project and report any damage immediately to the Project Engineer. Unless otherwise stated herein, at Contractor's expense, Contractor will take necessary precautions for the safety of, and the prevention of injury, loss and damage to, persons and property (including, without limitation, in term persons, members of the public, employees, Contractor's subcontractors and their respective employees, other contractors, their subcontractors and respective employees) on, about or adjacent to the location where the work is being performed, and will comply with all applicable provisions of safety rules, ordinances, codes, regulations, and orders of duly-constituted public authorities including, but not limited to the Michigan Manual of Uniform Traffic Control Devices.

I. Responsibility of Subcontractors. The Contractor will require any subcontractor hired by the Contractor for the purpose of performing any of the work described by the Contract documents to be bound by all of the terms and conditions of the Contract documents and to perform the work in accordance with the Contract documents. Each and every condition of the Contract documents, including without limitations, the RESPONSIBILITIES OF THE CONTRACTOR, will be made a condition of each subcontract entered into by the Contractor in conjunction with the performance of the work.

INDEMNIFICATION

To the fullest extent permitted by law, the Contractor will indemnify, defend, and hold harmless the Board of County Road Commissioners of Van Buren County, its officers, employees, representatives and agents from and against any and all claims, damages, demands, payments, suits, actions, recoveries, judgements and/or expenses are attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) including loss of use resulting therefrom, but only if caused in whole or in part, by the act, omissions, fault, negligence or breach of conditions of this Contract by negligent acts or omissions of the Contractor, the Contractor's sub-subcontractors, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder. The Contractor will not, however, be obligated to indemnify the board of County Road Commissioners of Van Buren County, for any damage or injuries caused by or resulting from the sole negligence of the Board of County Road Commissioners of Van Buren County. Such obligation will not be construed to negate, abridge or otherwise reduce other rights or obligations of indemnity which would otherwise exist as a party or person described in this paragraph.

In claims against any person or entity indemnified under this Agreement by an employee of the Contractor, the Contractor's sub-contractors, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this paragraph will not be limited by a limitation on amount of type of damages, compensation or benefits payable by or for the Contractor or the Contractor's subcontractors under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts.

INSURANCE

A. Contractor's Insurance. Prior to start of the Contractor's work, the Contractor will procure for the Contractor's work and maintain in force the completion of the work, worker's compensation insurance, employer's liability insurance, comprehensive general liability insurance and all insurance required of the contract under the contract documents.

The Board of County Commissioners, The Board of County Road Commissioners, The Van Buren County Road Commission, and their officers, agents, and employees for claims arising out of, under, or by reason of operations covered by the permit issued to the permittee, as their interests may appear."

The insurance will include contractual liability insurance covering the Contractor's obligations under its agreement of indemnification as set forth herein.

B. Minimum Limits of Liability. The Contractor's comprehensive general and automobile liability insurance as required herein, will be written with limits of liability not less than the following:

- a. Comprehensive general liability including completed operations
 - (1) \$2,000,000.00 each occurrence or \$1,000,000 each occurrence with a \$1,000,000 umbrella
- b. Property damage
 - (2) \$1,000,000.00 each occurrence.

C. Number of Policies. Comprehensive general liability insurance and other liability insurance may be arranged under a single policy for the full limit required or by combination of underlying policies with the balance provided by an excess or umbrella liability policy.

D. Cancellation, Renewal or Modification. The Contractor will maintain in effect all insurance coverage required under Agreement at the Contractor's sole expense and with insurance companies acceptable to the Board County Road Commissioners of Van Buren County.

All insurance policies will contain a provision that the coverage afforded there under will not be cancelled or not renewed nor restrictive modifications added at any time after a certificate of insurance required under agreement has been issued before the work; as defined herein, has been completed, until at least thirty (30) days prior thereto written notice has been given to the Board of County Road Commissioners of Van Buren County unless otherwise specifically required in the Contract Documents.

Certificates of insurance or certified copies of policies acceptable to the Board of County Road Commissioners of Van Buren County will be filed with the Board of County Road Commissioners of Van Buren County prior to the commencement of the Contractor's work.

Nothing contained in this Agreement, nor the Board of County Road Commissioners of Van Buren County's compliance therewith, will relieve the Contractor from its obligations under the Contract to purchase and maintain required insurance or to indemnify the Board of County Road Commissioners of Van Buren County.

PROGRESS CLAUSE

The successful bidder will be required to submit a Progress Schedule, giving an outline of his proposed order of work and to indicate the dates for completion of the work. This outline, when approved by the Road Commission, will become a part of the contract.

TITLE VI REQUIREMENTS

"The Van Buren County Road Commission, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 USC 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of gender, disability, race, color, or national origin in consideration for an award."

EXECUTION OF THE WORK

The Contractor will begin the work within five (5) days after being notified by the Road Commission of the award of the contract, unless this is inconsistent with the Progress Schedule, in which case the Progress Schedule will govern. He will execute the work in the order given in the Progress Schedule, with force and equipment adequate to complete the sections within the time limit therein fixed for completion. In case of failure to proceed with the work as rapidly as is provided in the Progress Schedule, or if it appears at any time that such work is not being prosecuted in such a manner as to insure its completion within time specified, the Road Commission will have the right to require the contractor to furnish and place in operation such additional force and equipment as the Road Commission will deem necessary to bring the work up to the Progress Schedule; and in case of the Contractor's neglect to do so, the Road Commission may place such working force and equipment on the work and charge the Contractor the cost of the labor and such rental and depreciation rates for the plant and equipment as in its judgement is reasonable, and for such time as the plant and equipment are in service.

ESTIMATED QUANTITIES

The quantities listed in the proposal are estimated quantities. Increases or decreases in quantities will not be considered as a basis for adjustment in unit prices and Articles 104.02 of M.D.O.T. Standard Specifications for Construction will not apply in this regard.

FINAL PAYMENT

Final Payment will not be made until the Contractor shows evidence by affidavit or otherwise that all his indebtedness by reason of the contract has been fully paid or satisfactorily secured. In case such evidence is not furnished, the Road Commission may retain out any amount due said Contractor sums sufficient to cover all lienable claims unpaid.

AFFIRMATIVE ACTION POLICY (EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER)

The Van Buren County Road Commission will require the Contractor to submit an Affirmative Action Policy stating that they are an equal employment opportunity employer and will recruit, hire and promote in all job classifications without regard to race, color, religion, sex or national origin, except where sex is a bona fide occupational qualification. The Affirmative Action Policy will be signed by the Contractor or one of the Company's Authorized Officers.

LIQUIDATED DAMAGES

Failure to complete the project on or before the completion date specified will be assessed according to the following schedule:

Original Contract Amount			Liquid Damages Per Calendar Day
\$	0	to 100,000	500
	>100,000	to 500,000	800
	>500,000	to 1,000,000	1,000
	>1,000,000	to 5,000,000	1,500
	>5,000,000	to 15,000,000	2,000
	>15,000,000		4,000

The liquidated damages may be delayed if the contractor meets the requirements set forth in Section 108.10 of the 2020 Standard Specifications for Construction. Approval of the Project Engineer is required.



NOTICE OF AUTHORIZATION

Permit Number: WRP049537 v.1

Site Name: 80-77th Street Culvert Replacement

Date Issued: July 10, 2026

Expiration Date: July 10, 2031

The Michigan Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division, P.O. Box 30458, Lansing, Michigan 48909-7958, under provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; specifically:

☒ Part 301, Inland Lakes and Streams.

Authorized activity:

Replace the existing 60-foot-long, seven (7) foot wide span circular corrugated metal culvert on 77th Street with a 60-foot-long, 11.75-foot wide span elliptical corrugated metal culvert.

Impacts to regulated stream include 60 linear feet of permanent impacts and 80 linear feet of temporary impacts.

To be conducted at property located in: Van Buren County, Waterbody: Unnamed Stream
Section 21, Town 01S, Range 17W, South Haven Township

Permittee:

Van Buren County Road Commission

Dave Mills

325 West James Street

Lawrence, Michigan 49064

Jakob Maynard

Transportation Review Unit

Water Resources Division

517-331-2729

*This notice must be displayed at the site of work.
Laminating this notice or utilizing sheet protectors is recommended.*
Please refer to the above permit number with any questions or concerns.

EGLE
WRP049537 v1.0
Approved
Issued On:07/10/2026
Expires On:07/10/2031



**MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
WATER RESOURCES DIVISION
PERMIT**

Issued To:

**Van Buren County Road Commission
Dave Mills
325 West James Street
Lawrence, Michigan 49064**

**Permit No: WRP049537 v.1
Submission No.: HQM-VVMF-VH0K6
Site Name: 80-77th Street Culvert Replacement
Issued: July 10, 2026
Revised:
Expires: July 10, 2031**

This permit is being issued by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division, under the provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); specifically:

- | | |
|---|--|
| ☒ Part 301, Inland Lakes and Streams | ☐ Part 323, Shorelands Protection and Management |
| ☐ Part 303, Wetlands Protection | ☐ Part 325, Great Lakes Submerged Lands |
| ☐ Part 315, Dam Safety | ☐ Part 353, Sand Dunes Protection and Management |
| ☐ Part 31, Water Resources Protection (Floodplain Regulatory Authority) | |

EGLE certifies that the activities authorized under this permit are in compliance with the State Coastal Zone Management Program and certifies without conditions under the Federal Clean Water Act, Section 401 that the discharge from the activities authorized under this permit will comply with Michigan's water quality requirements in Part 31, Water Resources Protection, of the NREPA and associated administrative rules, where applicable.

Permission is hereby granted, based on permittee assurance of adherence to State of Michigan requirements and permit conditions, to:

Authorized Activity:

Replace the existing 60-foot-long, seven (7) foot wide span circular corrugated metal culvert on 77th Street with a 60-foot-long, 11.75-foot wide span elliptical corrugated metal culvert.

Impacts to regulated stream include 60 linear feet of permanent impacts and 80 linear feet of temporary impacts.

Waterbody Affected: Unnamed Stream

Property Location: Van Buren County, South Haven Township, T01S, R17W, Section 21

Authority granted by this permit is subject to the following limitations:

- A. Initiation of any work on the permitted project confirms the permittee's acceptance and agreement to comply with all terms and conditions of this permit.
- B. The permittee, in exercising the authority granted by this permit, shall not cause unlawful pollution as defined by Part 31 of the NREPA.
- C. This permit shall be kept at the site of the work and available for inspection at all times during the duration of the project or until its date of expiration.
- D. All work shall be completed in accordance with the approved plans and specifications submitted with the application and/or plans and specifications attached to this permit.
- E. No attempt shall be made by the permittee to forbid the full and free use by the public of public waters at or adjacent to the structure or work approved.
- F. It is made a requirement of this permit that the permittee give notice to public utilities in accordance with 2013 PA 174 (Act 174) and comply with each of the requirements of Act 174.
- G. This permit does not convey property rights in either real estate or material, nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits, or complying with other state statutes.
- H. This permit does not prejudice or limit the right of a riparian owner or other person to institute proceedings in any circuit court of this state when necessary to protect his rights.
- I. Permittee shall notify EGLE within one (1) week after the completion of the activity authorized by this permit by completing and forwarding the attached EGLE Notice of Completion Card.
- J. Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific state act, federal act, and/or rule under which this permit is granted.
- K. All dredged or excavated materials shall be disposed of in an upland site (outside of floodplains, unless exempt under Part 31 of the NREPA, and wetlands).
- L. In issuing this permit, EGLE has relied on the information and data that the permittee has provided in connection with the submitted application for permit. If, subsequent to the issuance of a permit, such information and data prove to be false, incomplete, or inaccurate, EGLE may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
- M. The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents, and representatives for any and all claims or causes of

action arising from acts or omissions of the permittee, or employees, agents, or representative of the permittee, undertaken in connection with this permit. The permittee's obligation to indemnify the State of Michigan applies only if the state: (1) provides the permittee or its designated representative written notice of the claim or cause of action within 30 days after it is received by the state, and (2) consents to the permittee's participation in the proceeding on the claim or cause of action. It does not apply to contested case proceedings under the Administrative Procedures Act, 1969 PA 306, as amended, challenging the permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.

- N. Noncompliance with these terms and conditions and/or the initiation of other regulated activities not specifically authorized shall be cause for the modification, suspension, or revocation of this permit, in whole or in part. Further, EGLE may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, protect natural resource values, and secure compliance with statutes.
- O. If any change or deviation from the permitted activity becomes necessary, the permittee shall request, in writing, a revision of the permitted activity from EGLE. Such revision request shall include complete documentation supporting the modification and revised plans detailing the proposed modification. Proposed modifications must be approved, in writing, by EGLE prior to being implemented.
- P. This permit may be transferred to another person upon written approval of EGLE. The permittee must submit a written request to EGLE to transfer the permit to the new owner. The new owner must also submit a written request to EGLE to accept transfer. The new owner must agree, in writing, to accept all conditions of the permit. A single letter signed by both parties that includes all the above information may be provided to EGLE. EGLE will review the request and, if approved, will provide written notification to the new owner.
- Q. Prior to initiating permitted construction, the permittee is required to provide a copy of the permit to the contractor(s) for review. The property owner, contractor(s), and any agent involved in exercising the permit are held responsible to ensure that the project is constructed in accordance with all drawings and specifications. The contractor is required to provide a copy of the permit to all subcontractors doing work authorized by the permit.
- R. Construction must be undertaken and completed during the dry period of the wetland. If the area does not dry out, construction shall be done on equipment mats to prevent compaction of the soil.
- S. Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA, or the need to acquire applicable permits from the County Enforcing Agent (CEA).
- T. Authority granted by this permit does not waive permit requirements under the authority of Part 305, Natural Rivers, of the NREPA. A Natural Rivers Zoning Permit may be required for

construction, land alteration, streambank stabilization, or vegetation removal along or near a natural river.

- U. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
- V. Unless specifically stated in this permit, construction pads, haul roads, temporary structures, or other structural appurtenances to be placed in a wetland or on bottomland of the water body are not authorized and shall not be constructed unless authorized by a separate permit or permit revision granted in accordance with the applicable law.
- W. For projects with potential impacts to fish spawning or migration, no work shall occur within fish spawning or migration timelines (i.e., windows) unless otherwise approved in writing by the Michigan Department of Natural Resources (MDNR), Fisheries Division.
- X. Work to be done under authority of this permit is further subject to the following special instructions and specifications:
 - 1. Authority granted by this permit does not waive permit or program requirements under Part 91 of the NREPA or the need to acquire applicable permits from the CEA. To locate the Soil Erosion Program Administrator for your county, visit Michigan.gov/EGLE/about/organization/water-resources/soil-erosion/sesc-overview and select "Soil Erosion and Sedimentation Control Agencies".
 - 2. The authority to conduct the activity as authorized by this permit is granted solely under the provisions of the governing act as identified above. This permit does not convey, provide, or otherwise imply approval of any other governing act, ordinance, or regulation, nor does it waive the permittee's obligation to acquire any local, county, state, or federal approval or authorization necessary to conduct the activity.
 - 3. No fill, excess soil, or other material shall be placed in any wetland, floodplain, or surface water area not specifically authorized by this permit, its plans, and specifications.
 - 4. This permit does not authorize or sanction work that has been completed in violation of applicable federal, state, or local statutes.
 - 5. Temporary soil erosion and sedimentation control measures shall be installed before or upon commencement of the earth change and shall be maintained daily. Temporary soil erosion and sedimentation control measures shall be maintained until permanent soil erosion and sedimentation control measures are in place and the area is stabilized. Permanent soil erosion and sedimentation control measures for all slopes, channels, ditches, or any disturbed area shall be installed within five (5) calendar days after final grading or the final earth change has been completed.

6. All raw areas in uplands resulting from the permitted construction activity shall be effectively stabilized with sod and/or seed and mulch (or other technology specified by this permit or project plans) in a sufficient quantity and manner to prevent erosion and any potential siltation to surface waters or wetlands. Temporary stabilization measures shall be installed before or upon commencement of the permitted activity, and shall be maintained until permanent measures are in place. Permanent measures shall be in place within five (5) days of achieving final grade.
7. All dredge/excavated spoils including organic and inorganic soils, vegetation, and other material removed shall be placed on upland (non-wetland, non-floodplain or non-bottomland), prepared for stabilization, revegetated and reseeded with native Michigan species appropriate to the site, and mulched in such a manner so as to prevent and ensure against erosion of any material into any waterbody, wetland, or floodplain.
8. All fill/backfill shall consist of clean inert material that will not cause siltation nor contain soluble chemicals, organic matter, pollutants, or contaminants. All fill shall be contained in such a manner so as not to erode into any surface water, floodplain, or wetland.
9. During removal or repair of the existing structures, every precaution shall be taken to prevent debris from entering any watercourse. Any debris reaching the watercourse during the removal and/or reconstruction of the structure shall be immediately retrieved from the water. All material shall be disposed of in an acceptable manner consistent with local, state, and federal regulations.
10. Prior to the removal of the existing structures, cofferdams of steel sheet piling, gravel bags, clean stone, coarse aggregate, concrete or other acceptable barriers shall be installed to isolate all construction activity from the water. The barriers shall be maintained in good working order throughout the duration of the project. Upon project completion, the accumulated materials shall be removed and disposed of at an upland site.
11. All cofferdam and temporary steel sheet pile shall then be removed in its entirety, unless specifically shown to be left in plan on the accepted plans.
12. The placement of the new culvert and the initial placement of fill in the watercourse shall be done immediately after removal of the existing culvert. The placement shall be conducted in such a manner that all flow is immediately passed through the new culverts, allowing the major placement of fill to be done in the dry or in still water where erosion and sedimentation will be minimized. The fill material used in this initial placement shall be washed gravel, coarse aggregate, or rock and shall be placed at both ends of the culvert to a level above normal water level before backfill material is placed.

13. The culvert shall be installed to align with the center line of the existing watercourse at both the inlet and outlet ends, and must be buried below the bed to provide a natural channel substrate through the structure as shown on the approved plans.
14. The placement of riprap shall be limited to the minimum necessary to ensure proper stabilization of the side slopes and fill in the immediate vicinity of the structure. Rock riprap shall be placed such that it does not narrow up the stream or interfere with stream flows into and out of the structure.
15. Areas to be protected by riprap shall be cleared of brush and debris. All grades shall be shaped and compacted to the required cross section. All riprap shall be properly sized and graded based on wave action and velocity and shall consist of clean natural field stone or rock (free of paint, soil or other fines, asphalt, soluble chemicals, or organic material).
16. Road fill side slopes shall not be steeper than 1-on-2 (one [1] vertical to two [2] horizontal) except where headwalls of reinforced concrete, mortar masonry, dry masonry, or other acceptable methods are used.
17. Road fill side slopes terminating in the watercourses and any raw banks resulting from the construction shall be stabilized with temporary measures in accordance with appropriate Best Management Practices based on site conditions, and if necessary, may be riprapped extending above the ordinary high-water mark, before or upon commencement of the permitted activity. Temporary stabilization measures shall be maintained until permanent measures are in place.
18. All other road fill slopes, ditches, and other raw areas draining directly to the watercourse may be protected with riprap, sod and/or seed and mulch as may be necessary to provide effective erosion protection. The placement of riprap shall be limited to the minimum necessary to ensure proper stabilization of the side slopes and fill in the immediate vicinity of the structure.
19. If the project, or any portion of the project, is stopped and lies incomplete for any length of time other than that encountered in a normal work week, every precaution shall be taken to protect the incomplete work from erosion, including the placement of temporary gravel bag riprap, temporary seed and mulch, or other acceptable temporary protection.
20. No work shall be done in the watercourse during periods of above-normal flows except as necessary to prevent erosion.
21. Stream flow must be maintained downstream of the project at all times via pumping or other methods as approved by EGLE. The stream barrier must be removed within 14 days of the initial installation.
22. No work or dredging within the water authorized by this permit is allowed from October 1 to April 20 due to critical spawning, migration, and/or recreational use periods.

23. The permit placard shall be kept posted at the work site in a prominent location at all times for the duration of the project or until permit expiration.
24. This permit is being issued for the maximum time allowed and no extensions of this permit will be granted. Initiation of the construction work authorized by this permit indicates the permittee's acceptance of this condition. The permit, when signed by EGLE, will be for a five (5) year period beginning on the date of issuance. If the project is not completed by the expiration date, a new permit must be sought.

Issued By: _____


Jakob Maynard
Transportation Review Unit
Water Resources Division
517-331-2729

THIS PERMIT MUST BE SIGNED BY THE PERMITTEE TO BE VALID.

I hereby assure that I have read, am familiar with, and agree to adhere to the terms and conditions of this permit.

Permittee Signature_____
Date

cc: South Haven Township Clerk
Van Buren County Clerk
Van Buren County Drain Commissioner
Matt Diana, MDNR Fisheries
Chris Krumb, MDNR Wildlife

SOUTH HAVEN TOWNSHIP - 77TH STREET CULVERT REPLACEMENT

SESC - RULE 1703 COMPREHENSIVE PLAN



SESC Program Site Plan Evaluation Checklist
Van Buren County Road Commission

1. Project Name: 77TH STREET CULVERT REPLACEMENT

Reviewing Agency: VBCRC

SESC Plans	Comments:
1 ☐ Scaled Drawing (<200' = 1")	1" = 50'
2 ☐ Legal Description	PARCEL ID'S: 80-17-021-038-15, 80-17-021-038-10, 80-17-340-022-00, 80-17-340-011-00
3 ☐ Site Location Sketch	Yes
4 ☐ Proximity to Lakes & Streams	DISCHARGE INTO LAKE MICHIGAN, APPROX 900' W
5 ☐ Predominant Land Features	AGRICULTURAL / RESIDENTIAL
6 ☐ Contours/Slope	Yes
7 ☐ Soils	7- GLENDORA SANDY LOAM 45B- COVERT SAND
8 ☐ Limits of Earth Change	ALL WORK PERFORMED TO REOPEN ROAD. SEE DETAILS
9 ☐ Drainage & Dewatering Facilities	MACDC Key 35 or 39
10 ☐ Timing & Sequence of Earth Change	See Attached
11 ☐ Temporary SESC Measures	Silt Fence at Culvert Ends and Disturbed Soil
12 ☐ Permanent SESC Measures	Permanent Seeding / Rip Rap
13 ☐ Maintenance Program for Permanent SESC Measures	SESC inspections until vegetation is well established.

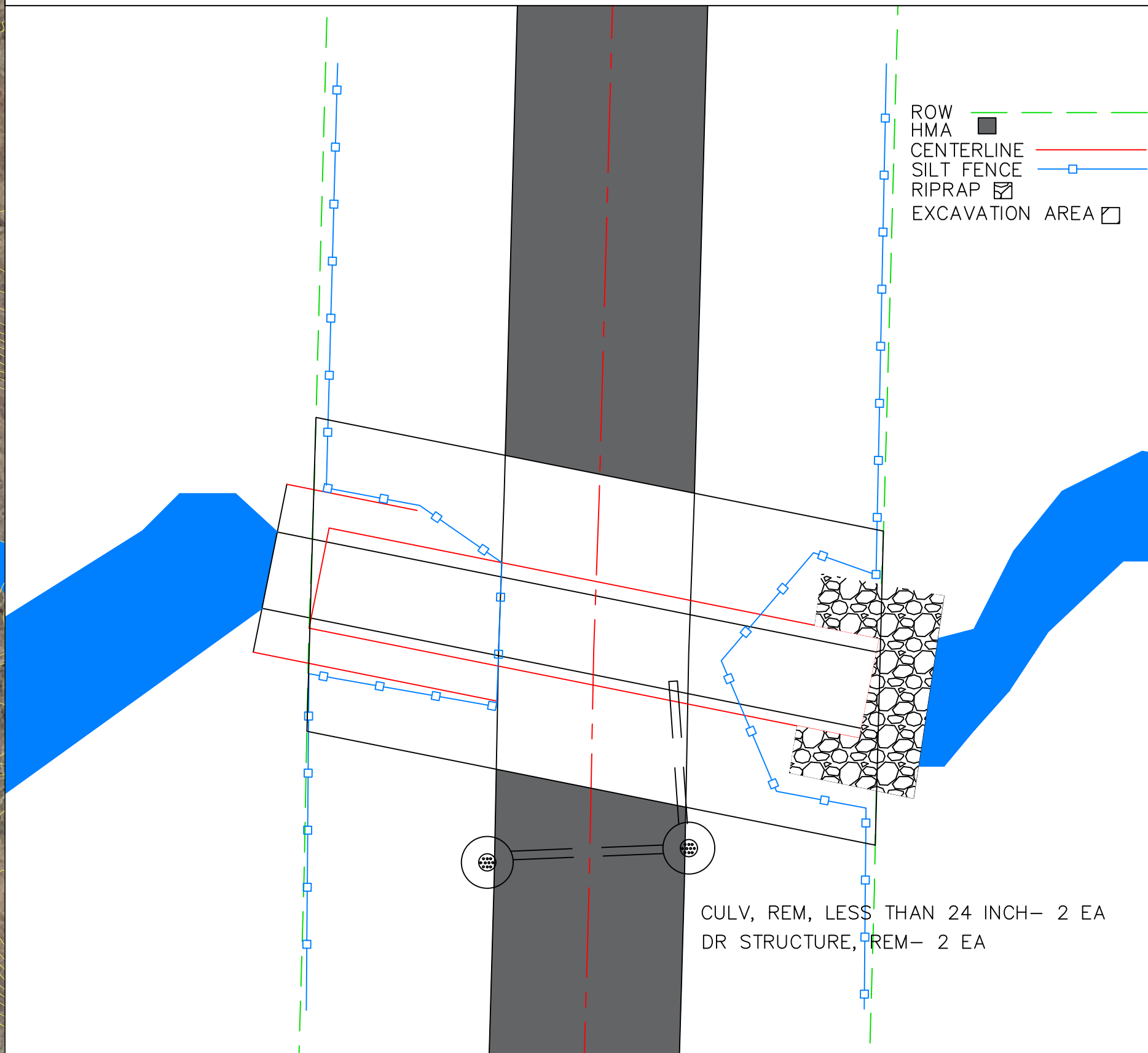
Project Plan Evaluation Status

☐ Approved
☐ Not Approved (Provide Reason)
Reason: _____

SESC Plan Reviewer Name: Dave Mills

Date Reviewed: 5/28/2026

325 W. James St., Lawrence, MI 49064 Phone: 269.674.8011 Fax: 269.657.8286 Email: dave@mills@vbcrc.org



RULE 1703 DETAILS
77TH STREET CULVERT REPLACEMENT
SOUTH HAVEN TOWNSHIP, SECTION 21

Number 8: LIMITS OF EARTH CHANGE

All work to be completed within the highway right-of-way and drainage easement. Removal of existing structure, excavating to suitable subgrade to install bedding material.

Number 9: DRAINAGE AND DEWATERING

The contractor will construct a diversion berm, the stream will be diverted or pumped across the work site, the new culvert will be installed. The dam will be removed allowing the water to resume the natural flow through the culvert.

Number 10: TIMING AND SEQUENCING

The contractor will excavate to the existing culvert and dam the water flow, remove the existing and replace with new culvert. Backfilling with sand, and compacting to stabilize the new culvert, then remove the dam and continue backfilling. The final working day will consist of backfilling up to subgrade elevation and slope restoration outside of the road limits.

Number 11: TEMPORARY SESC MEASURES

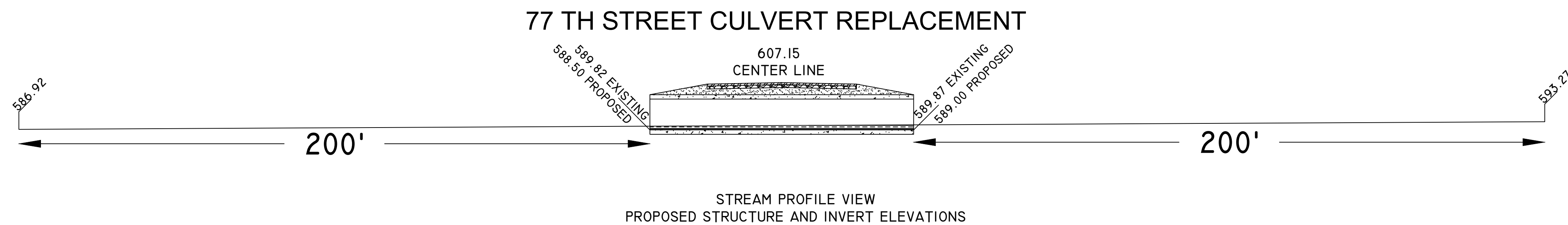
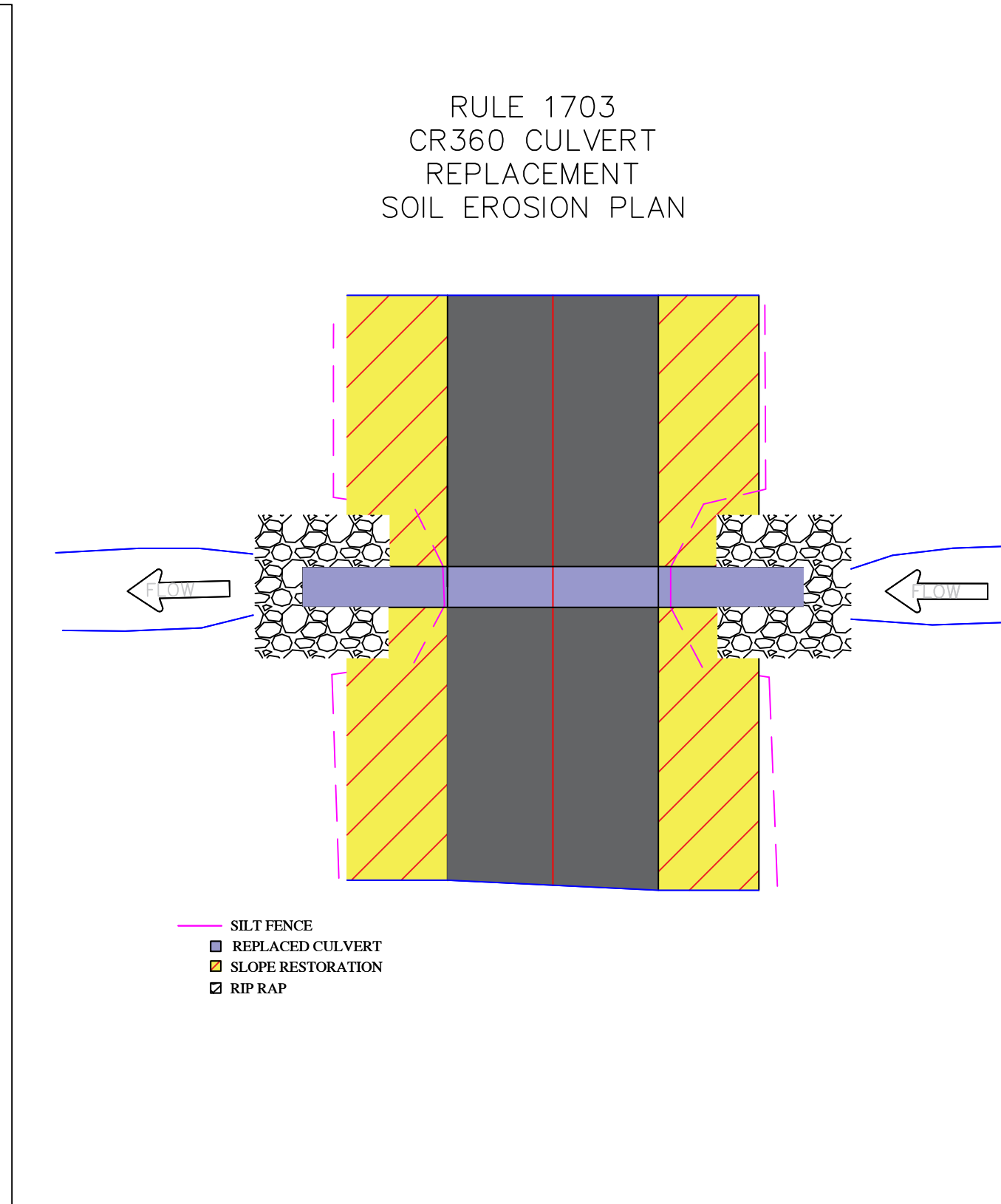
The contractor will place silt fence down slope of excavations. See plans for installation method.
MACDC Key: 5

Number 12: PERMANENT SESC MEASURES

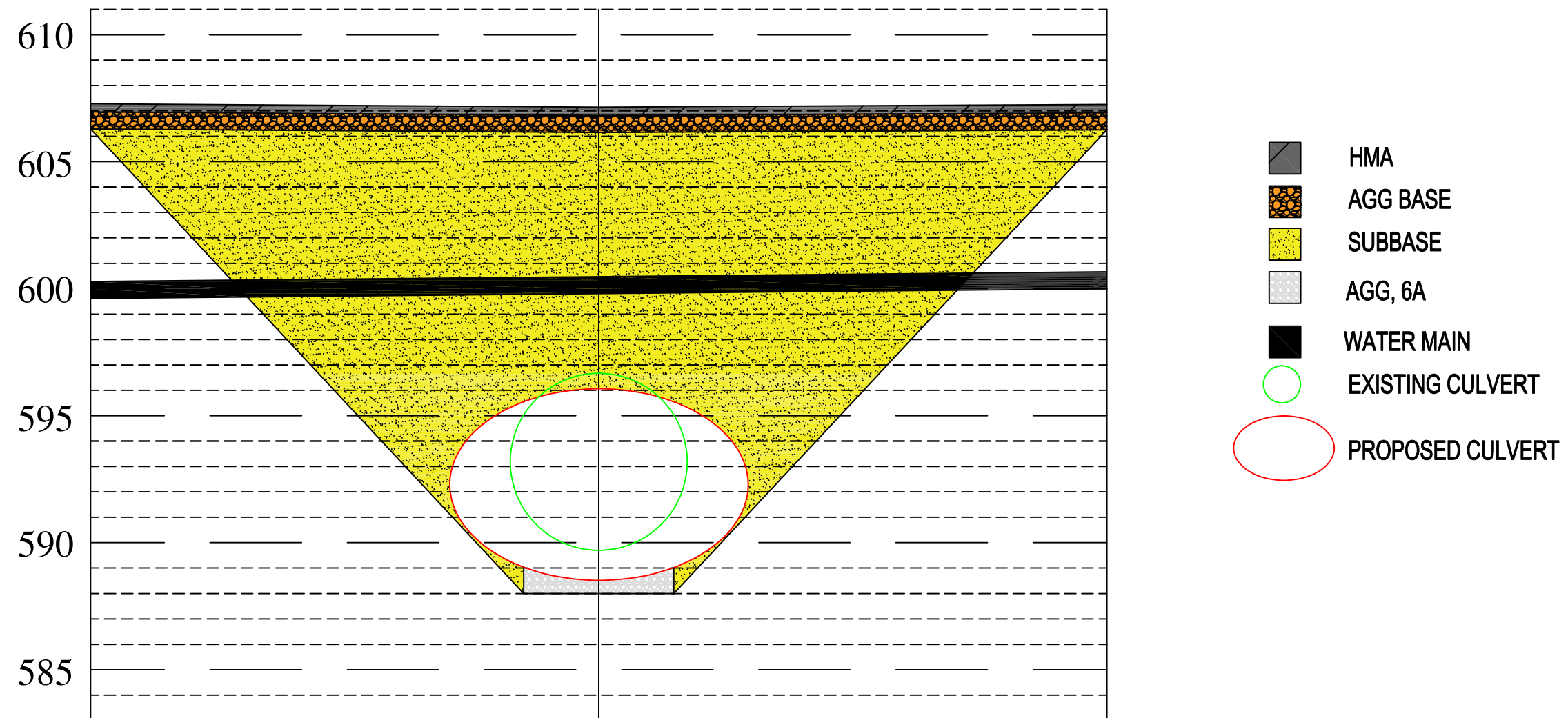
The contractor will place rip rap around the inlet and outlet of the new culvert. Slope restoration will occur at all locations where soil disturbance has occurred.
MACDC Key: 1,2,13,15

Number 13: CONTINUED SESC MAINTENANCE

The VBCRC will monitor the temporary and permanent SESC measures put in place by the contractor until the site is completely stabilized; at which point the temporary measures will be removed.



77th STREET CULVERT
CENTER LINE ROAD ELEVATION: 607.15 EXISTING
607.00 PROPOSED
EXISTING 96 INCH CULVERT INVERT: 589.87 U/S
589.82 D/S
PROPOSED 142 INCH BY 92 INCH
CSP ARCH. CULVERT INVERT: 589.00 U/S
588.50 D/S



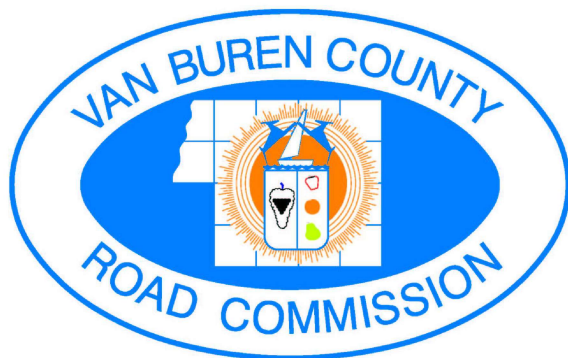
PLANS	05-28-2026
REVISIONS	XX-XX-2026
REVISIONS	XX-XX-2026
REVISIONS	XX-XX-2026

PAGE 2 OF 2

DRAWN BY
DAVID MILLS

MAY 28, 2026

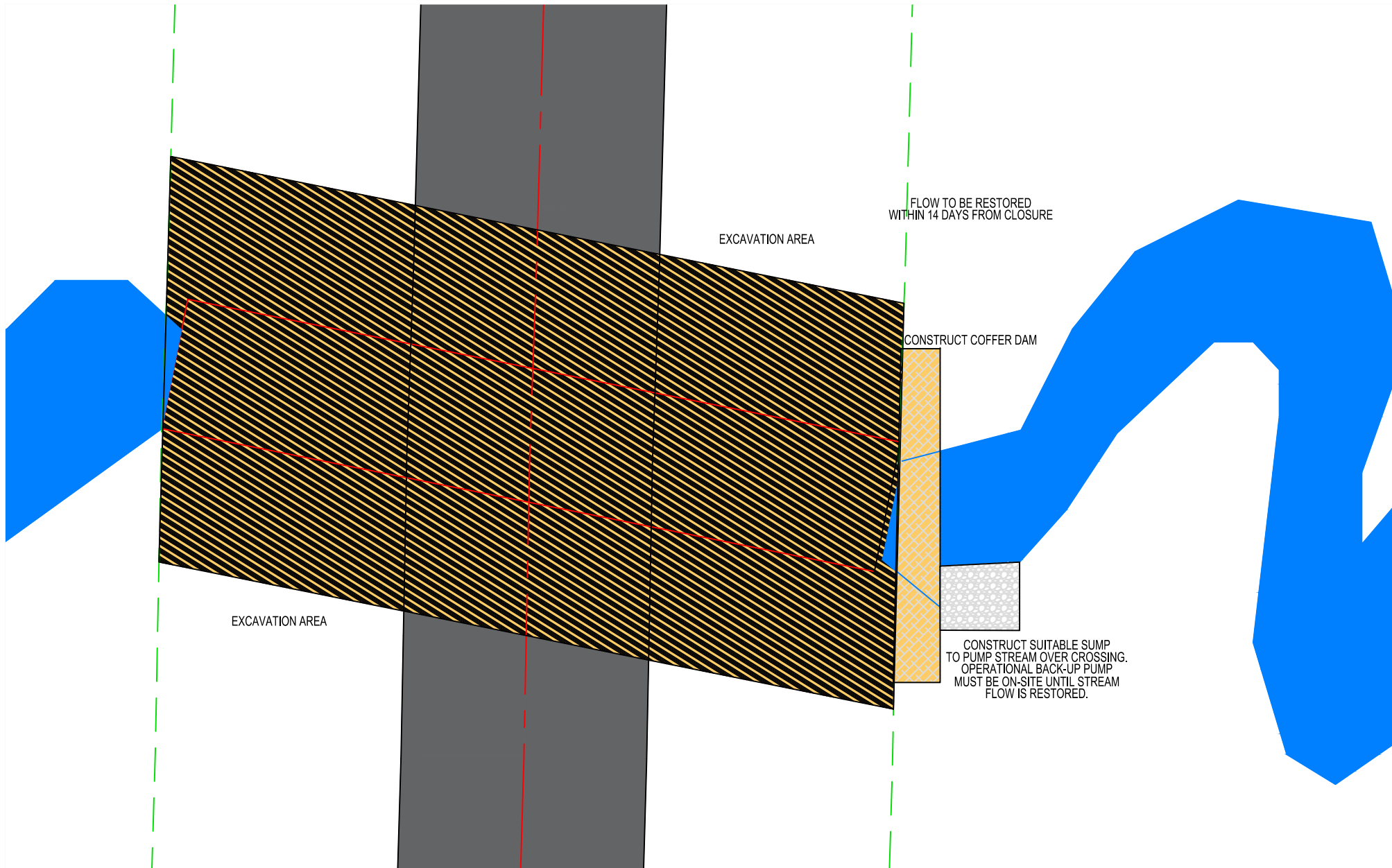
PROJECT 489.2555



VAN BUREN COUNTY ROAD COMMISSION
325 W. JAMES ST., P.O. BOX 156
LAWRENCE, MI 49064

BETTER HIGHWAYS: SAVE LIVES, SAVE TIME, SAVE MONEY

77TH STREET
CULVERT REPLACEMENT
SOUTH HAVEN TOWNSHIP
SECTION 21
UNNAMED DRAINAGE
CREEK



PLANS05-28-2026 REVISIONS06-20-2026 REVISIONSXX-XX-2026 REVISIONSXX-XX-2026	DATE 05-28-2026 06-20-2026 XX-XX-2026 XX-XX-2026	MAY 28, 2026		VAN BUREN COUNTY ROAD COMMISSION 325 W. JAMES ST., P.O. BOX 156 LAWRENCE, MI 49064 BETTER HIGHWAYS: SAVE LIVES, SAVE TIME, SAVE MONEY	77TH STREET DIVERSION PLAN SOUTH HAVEN TOWNSHIP SECTION 21 UNNAMED DRAINAGE CREEK
PAGE 2 OF 2	DRAWN BY DAVID MILLS				77TH STREET DIVERSION PLAN SOUTH HAVEN TOWNSHIP SECTION 21 UNNAMED DRAINAGE CREEK WEEK 049537 v1.0 Approved Issued On:07/10/2026 Expires On:07/10/2031



Michigan Department of Environment, Great Lakes, and
Energy Water Resources Division

NOTICE OF COMPLETION

I hereby give notice to the Michigan Department of Environment, Great Lakes, and Energy that the project, which was permitted under applicable statute provisions, has been completed.

PERMIT NUMBER	COUNTY
PROJECT COMPLETION DATE	AREA CODE AND TELEPHONE NUMBER
PERMITTEE'S SIGNATURE	

Noncompliance with reporting requirements may result in monetary penalty. Completion of this form is required under the authority of the applicable parts of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Once complete please via email to staff or my mail to:

EGLE WRD

Transportation Review Unit

P.O. Box 30458

Lansing, Michigan 48909-7958

SOUTH HAVEN TOWNSHIP - 77TH STREET CULVERT REPLACEMENT

SESC - RULE 1703 COMPREHENSIVE PLAN



SESC Program Site Plan Evaluation Checklist Van Buren County Road Commission	
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8 ☐ Limits of Earth Change	ALL WORK PERFORMED TO REOPEN ROAD. SEE DETAILS
9 ☐ Drainage & Dewatering Facilities	MACDC Key 35 or 39
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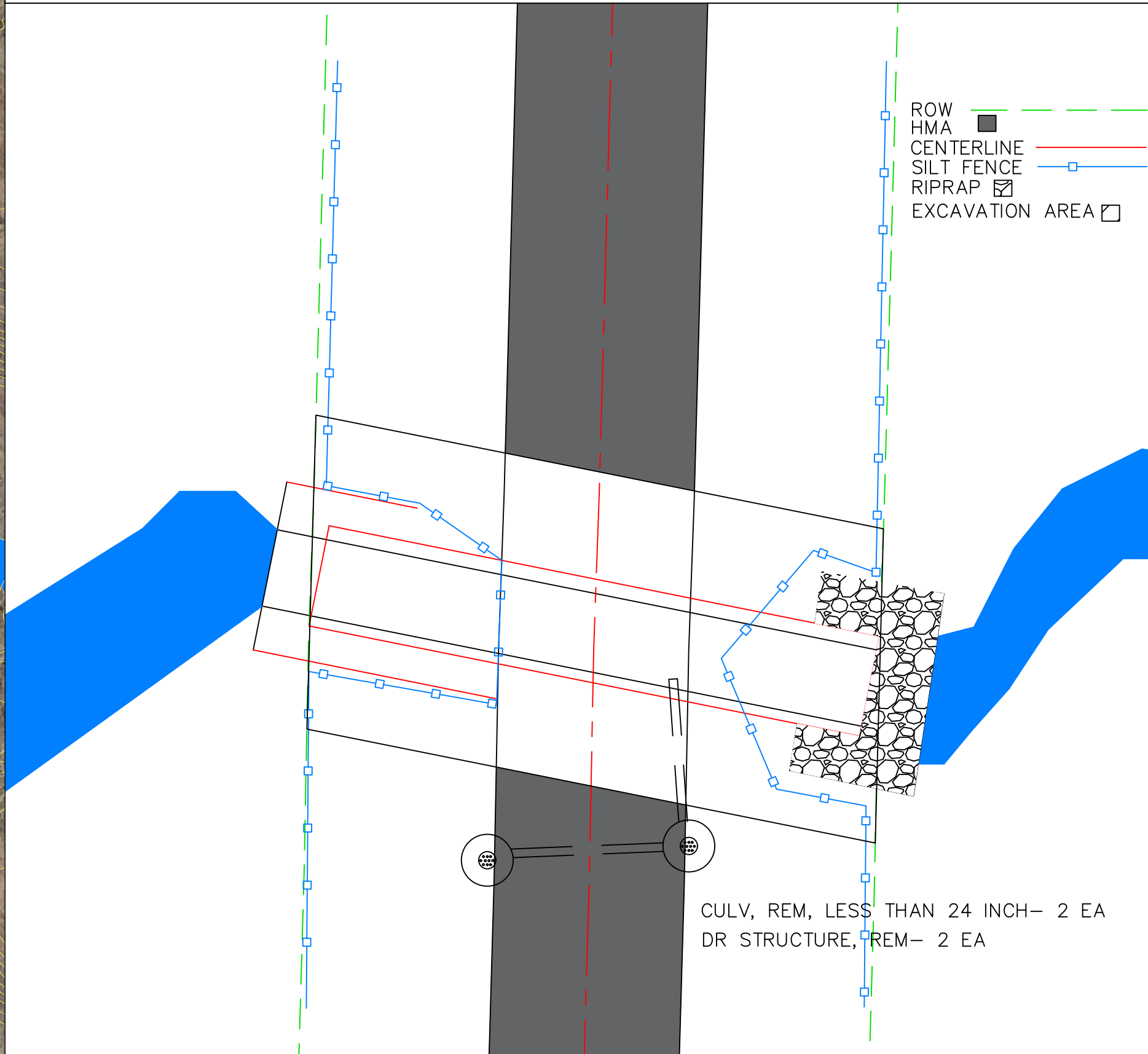
Project Plan Evaluation Status

- ☐ Approved
☐ Not Approved (Provide Reason)
Reason: _____

SESC Plan Reviewer Name: Dave Mills

Date Reviewed: 5/28/2026

325 W. James St., Lawrence, MI 49064 Phone: 269.674.8011 Fax: 269.657.8286 Email: dave@mills@vbcrc.org



RULE 1703 DETAILS

77TH STREET CULVERT REPLACEMENT

SOUTH HAVEN TOWNSHIP, SECTION 21

Number 8: LIMITS OF EARTH CHANGE

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Number 11: TEMPORARY SESC MEASURES

The contractor will place silt fence down slope of excavations. See plans for installation method.

MACDC Key: 5

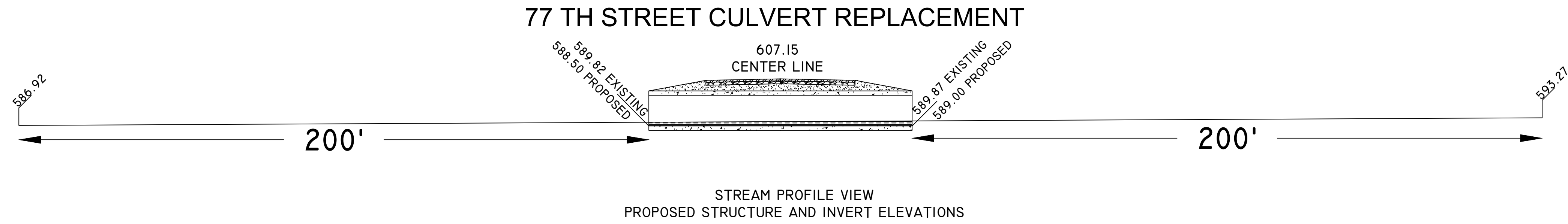
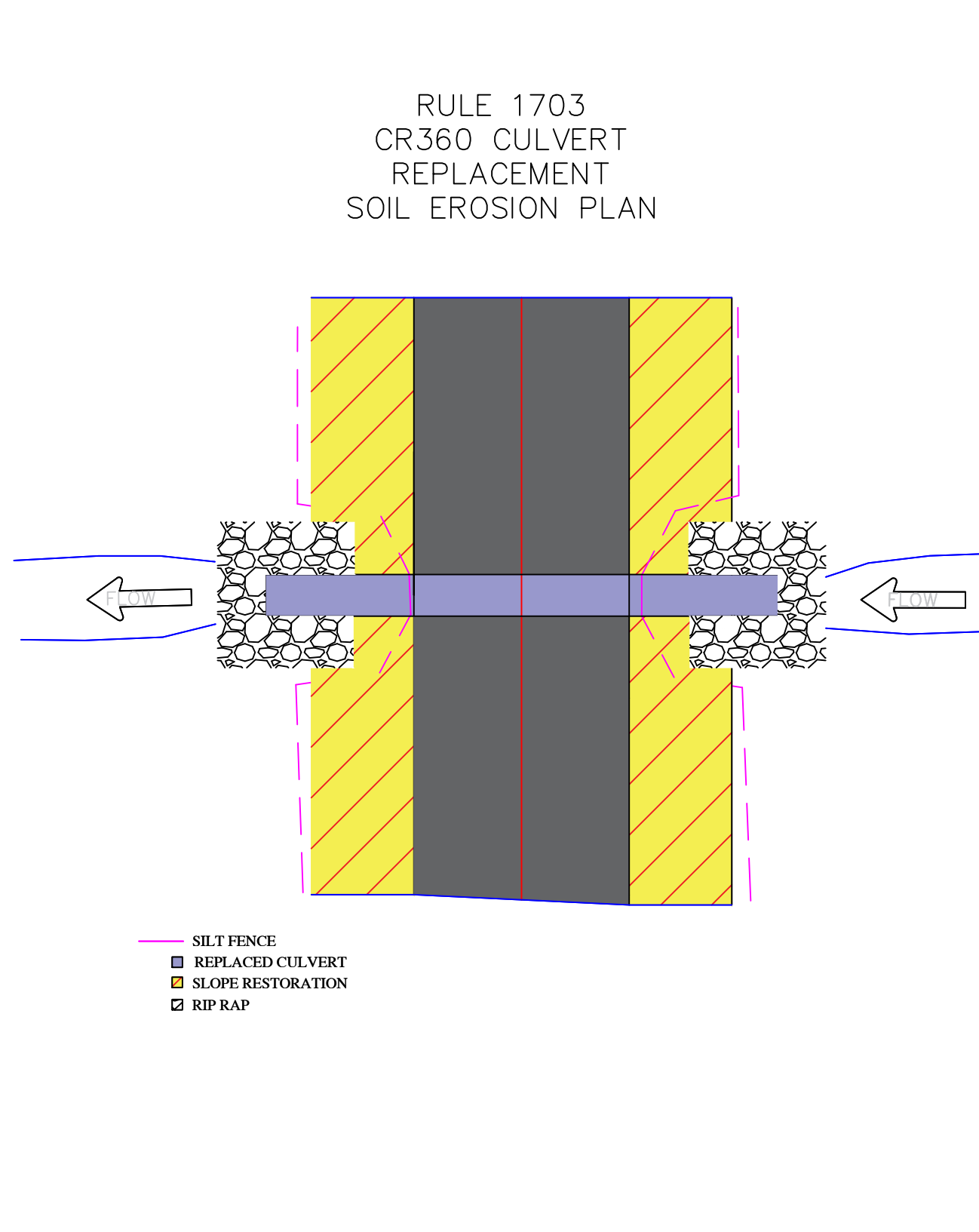
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MACDC Key: 1,2,13,15

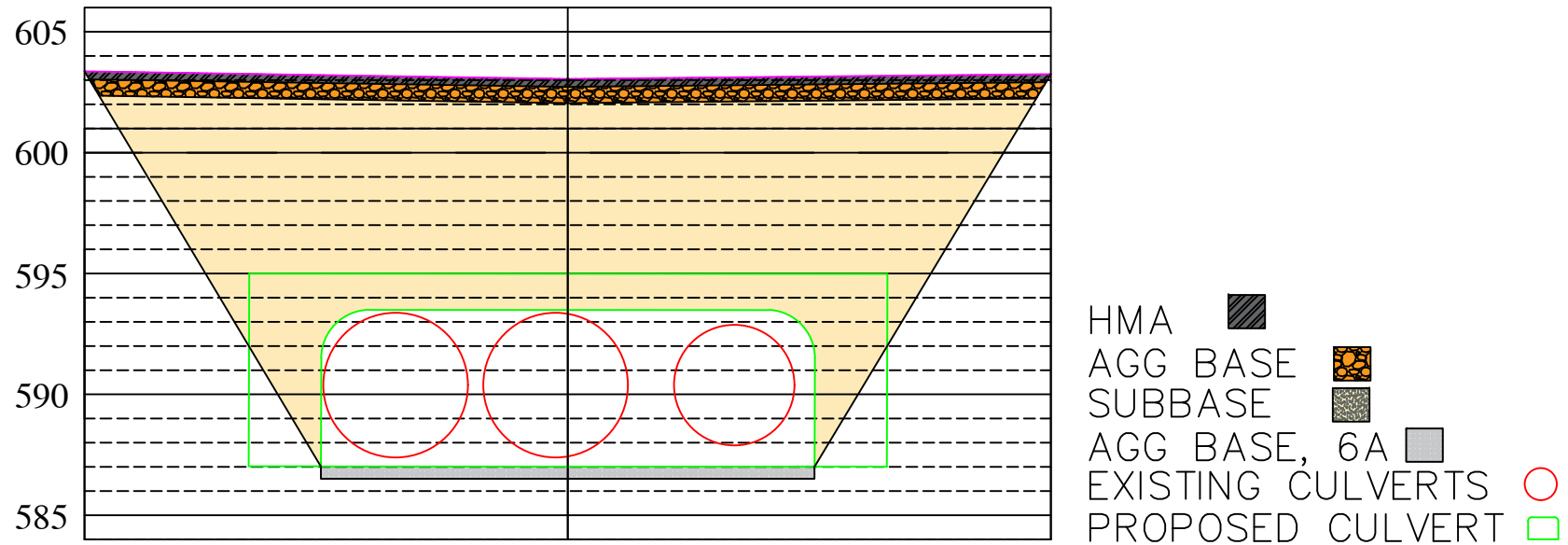
Number 13: CONTINUED SESC MAINTENANCE

The VBCRC will monitor the temporary and permanent SESC measures put in place by the contractor until the site is completely stabilized; at which point the temporary measures will be removed.



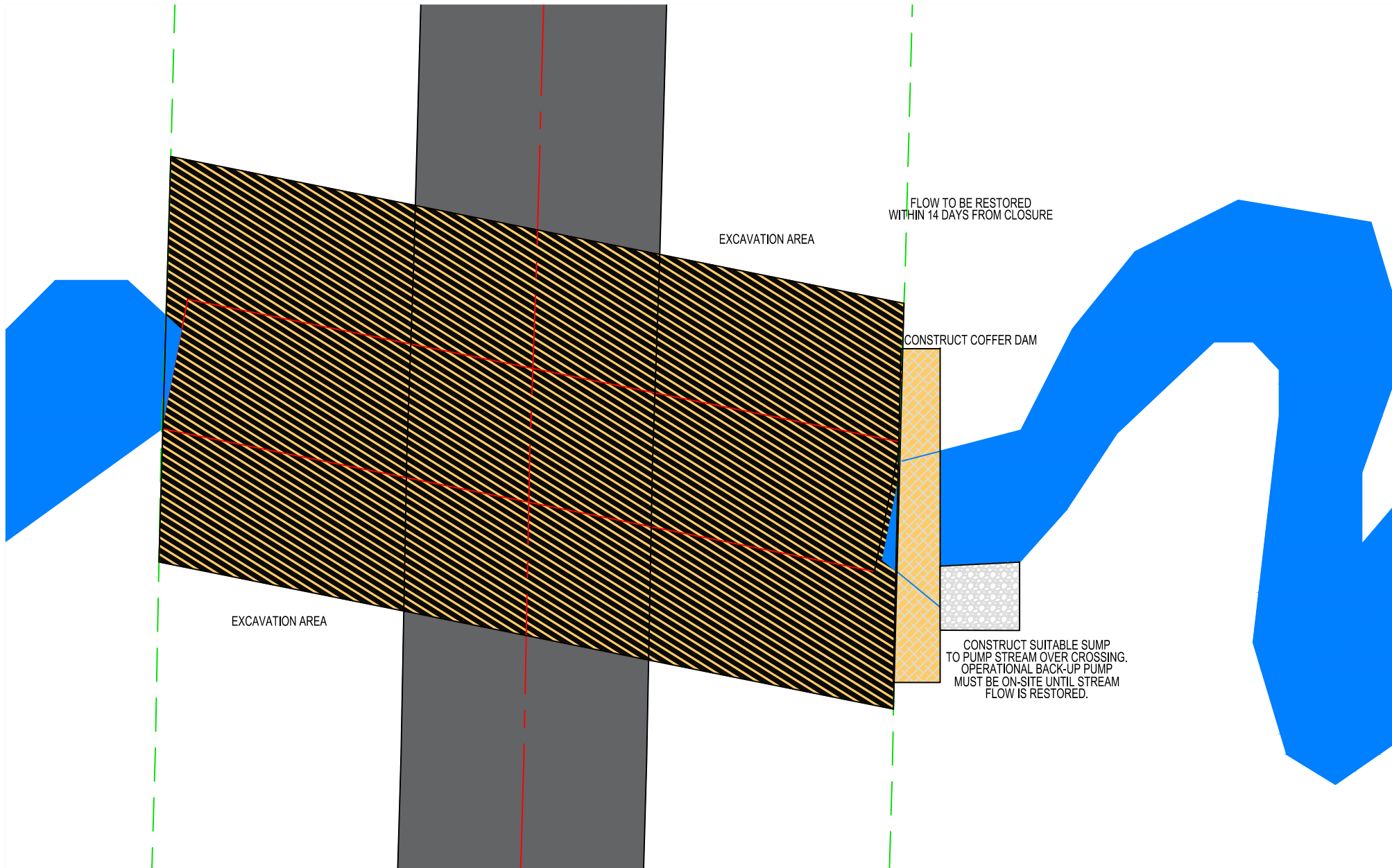
<table><tr><th>Date</th></tr><tr><td>PLANS 05-28-2026</td></tr><tr><td>REVISIONS XX-XX-2026</td></tr><tr><td>REVISIONS XX-XX-2026</td></tr><tr><td>REVISIONS XX-XX-2026</td></tr></table> PAGE 1 OF 2 DRAWN BY DAVID MILLS	Date	PLANS 05-28-2026	REVISIONS XX-XX-2026	REVISIONS XX-XX-2026	REVISIONS XX-XX-2026	PROJECT 489,2555 MAY 28, 2026		VAN BUREN COUNTY ROAD COMMISSION 325 W. JAMES ST., P.O. BOX 156 LAWRENCE, MI 49064 BETTER HIGHWAYS: SAVE LIVES, SAVE TIME, SAVE MONEY	77TH STREET SOUTH HAVEN TWP. SECTION 21 UNNAMED TRIBUTARY DRAINAGE TO LAKE
Date									
PLANS 05-28-2026									
REVISIONS XX-XX-2026									
REVISIONS XX-XX-2026									
REVISIONS XX-XX-2026									

CENTER LINE ROAD ELEVATION: 603.05 EXISTING
603.05 PROPOSED
EXISTING DOUBLE 72 INCH CULVERT INVERT: 587.60 U/S
587.50 D/S
PROPOSED 20'-6"x6'-6" CMP CULVERT INVERT: 587.10 U/S
587.00 D/S



3 - CULV, REM, 48 INCH AND LARGER
INSTALL 50 FEET - ALUMINIZED BOX CULV, 20'-6"x 6'-6"
WITH HEADWALL AND WINGWALL PACKAGE

Date			VAN BUREN COUNTY ROAD COMMISSION 325 W. JAMES ST., P.O. BOX 156 LAWRENCE, MI 49064 BETTER HIGHWAYS: SAVE LIVES, SAVE TIME, SAVE MONEY	82ND STREET COVERT TOWNSHIP SECTION 31 ROGERS CREEK
PLANS	05-28-2026			
REVISIONS	XX-XX-2026			
REVISIONS	XX-XX-2026			
REVISIONS	XX-XX-2026			
PAGE 2 OF 3		MAY 28, 2026 PROJECT 489.3047		
DRAWN BY DAVID MILLS				



PLANS 05-28-2026 REVISIONS 06-20-2026 REVISIONS XX-XX-2026 REVISIONS XX-XX-2026	Date MAY 28, 2026	PROJECT 489.2555		VAN BUREN COUNTY ROAD COMMISSION 325 W. JAMES ST., P.O. BOX 156 LAWRENCE, MI 49064 BETTER HIGHWAYS: SAVE LIVES, SAVE TIME, SAVE MONEY	77TH STREET DIVERSION PLAN SOUTH HAVEN TOWNSHIP SECTION 21 UNNAMED DRAINAGE CREEK
PAGE 2 OF 2					
DRAWN BY DAVID MILLS					

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount	
				Dollars	Cts	Dollars	Cts
1100001	Mobilization, Max	1	LSUM				
2020002	Tree, Rem, 19 inch to 36 inch	1	Ea				
2020004	Tree, Rem, 6 inch to 18 inch	4	Ea				
2030001	Culv, Rem, Less than 24 inch	2	Ea				
2030003	Culv, Rem, Over 48 inch	1	Ea				
2030011	Dr Structure, Rem	2	Ea				
2040050	Pavt, Rem	200	Syd				
2050011	Embankment, LM	400	Cyd				
2050016	Excavation, Earth	1,150	Cyd				
2060005	Aggregate 6A	15	Cyd				
2080036	Erosion Control, Silt Fence	300	Ft				
3010002	Subbase, CIP	550	Cyd				
3020020	Aggregate Base, 8 inch	200	Syd				
3070106	Shld, CI I, 4 inch	70	Syd				
3080005	Geotextile, Separator	130	Syd				
4010758	Culv, CSP Arch, CI A, 142 inch by 91 inch	60	Ft				
4027051	_ Special Dewatering	1	LSUM				
5012036	HMA, 5EL	50	Ton				
8120012	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	7	Ea				
8120013	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	7	Ea				
8120170	Minor Traf Devices	1	LSUM				

Pay Item	Description	Quantity	Units	Unit Price		Bid Amount	
				Dollars	Cts	Dollars	Cts
8120350	Sign, Type B, Temp, Prismatic, Furn	311.5	Sft				
8120351	Sign, Type B, Temp, Prismatic, Oper	311.5	Sft				
8130011	Riprap, Plain	100	Ton				
8167050	Slope Restoration, Modified	1	LS	LUMP			
8167051	_ Extended Restoration	1	LSUM				
Total Bid:							

Contractor: _____

_____	_____
(Signature)	(Date)
_____	_____
(Printed Name of Signer)	(Email)
_____	_____
(Mailing Address)	(Phone #)

(City, St, Zip)	