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VICE CHAIRMAN

Cheboygan County Road Commission

5302 South Straits Highway
Indian River, Michigan 49749

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877-257-2272

BRENT SHANK
ENGINEER/MANAGER

DANA S. STEMPKY
CLERK

PROPOSAL

Project: **A489.524 Hill Road**

Type of Work: **0.45 MILES OF CULVERTS, EXCAVATION, GEOTEXTILE STABILIZATION, 12" SUBBASE, 6" GRAVEL SURFACE AND RESTORATION.**

The Cheboygan County Road Commission will accept Bids until **9:00 a.m.** local time on **June 15, 2020** at: 5302 South Straits Highway, Indian River, MI 49749. Bid packages are available at the Cheboygan County Road Commission.

ALL BIDS WILL BE SEALED AND PLAINLY MARKED AS TO THE PROJECT AND PROJECT NUMBER.

The bidder has examined the plans, specification, special provisions and related materials in the proposal, as well as the location of the work described in the proposal for this project, and is fully informed as to the nature of the work and conditions relating to its performance and understands that the quantities shown are approximate only and are subject to wither increase or decrease.

The bidder hereby proposes to furnish all necessary machinery, tools, apparatus and other means of construction, do all the work, furnish all the materials except as otherwise specified and, or each unit price, lump sum, or one each named in the itemized bid, to complete the work in strict conformity with the plans therefore and the entire proposal which is incorporated by reference in these pages, and in strict conformity with the requirements of the 2012 Standard Specifications for Construction, Michigan Department of Transportation and such other special provisions and supplemental specifications as may be part of the proposal for this project.

The bidder further proposes to do such extra work as may be authorized by the Cheboygan County Road Commission, prices for which are not included in the itemized bid. Compensation shall be made on the basis agreed upon before such extra work is begun.

THE BIDDER UNDERSTANDS AND AGREES THAT THE CHEBOYGAN COUNTY ROAD COMMISSION RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS AND NO CONTRACTUAL RELATIONSHIP SHALL EXIST BETWEEN THE BIDDER AND THE CHEBOYGAN COUNTY ROAD COMMISSION FOR THE WORK DESCRIBED HEREINUNTIL SUCH TIME AS THE CONTRACT HAS BEEN FORMALLY EXECUTED BY BOTH THE BIDDER AND THE CHEBOYGAN COUNTY ROAD COMMISSION.

HILL ROAD

Project Information:

Job Number: A489.524

Job Location: North 2900' of Knaffle Road to Levering Road

Type of Work: 0.45 miles of culverts, excavation, geotextile stabilization, 12" subbase, 6" gravel surface and restoration.

Owner: Cheboygan County Road Commission

Project Dates:

Project Start Date: 10 Days after all Contracts are executed.

Project Completion Date: October 15, 2021

The project shall be completed within twenty-one (21) days of starting date.

A pre-construction meeting will be scheduled by the Cheboygan County Road Commission prior to project start. All project submittals are to be submitted for review at this meeting.

Project Submittals:

The following shall be submitted to the Road Commission Engineer for approval prior to project start:

1. Material Source List (MDOT Form 501)
2. Progress Schedule (must be submitted within 5 days of Contract award)

Aggregate Surface Course:

Aggregate Surface Course shall meet MDOT specifications. The Contractor shall provide a scale ticket for each load delivered to the job. All scale tickets shall meet MDOT requirements. The Contractor shall provide current scale certification to the Road Commission prior to hauling material. Loader scales will not be accepted.

Aggregate Surface Course material shall be a Dense-Graded Aggregate (Crushed Limestone) 22A or 21AA.

Culverts:

Culvert Lengths are Installed Length (no "C" Dimensions). If a Culvert End Section is required by plans or as directed by Engineer, Place end section on Installed Length of Culvert. All Culverts must be backfilled with excavated Native/Existing material, unless otherwise directed by Engineer. All culvert headwalls are included as part of culvert removal, paid for as part of Culv, Rem, Less than 24 inch.

Dust Control:

The Contractor shall be responsible for controlling the dust on this project through the use of Water Truck or Dust Palliative. Payment for Dust Control shall be paid for in other items. Dust shall be continuously control to the satisfaction of the Engineer.

Driveways:

The Contractor is responsible to ensure positive drainage in all approaches. The Contractor will be responsible for repairing, at the Contractor's expense, standing water or other drainage related issues.

The Contractor shall be responsible to maintain access to driveways during construction activities. On any driveway that has more than 4 inches of drop off the Contractor shall provide a gravel apron that reduces the drop off to a maximum of 4. If the Contractor fails to provide such access, the Road Commission will levy liquidated damages of \$200.00 per calendar day that a drop off exceeds 4 inches in any driveway.

Gravel Driveways:

Place Approach, CI II material in gravel driveways. Driveways shall be blended 4.0' – 6.0' from the edge of the roadway, or as directed by the Engineer.

County Road Intersection:

Place Approach, CI II material in the intersection of Wollanger Road to blend Wollanger Road into Hill Road.

Approach, CI II material shall be a Dense-Graded Aggregate (Crushed Limestone) 22A or 21AA.

Restoration Items:

When placing the topsoil, material shall be placed directly on the shoulder. Topsoil material may not be placed on the aggregate surface. Shoulder material shall be flushed to the edge of aggregate

surface and blended to the existing front slope on the outside. Topsoil shall be wheel rolled with heavy equipment for density.

A sample fertilizer bag and seed ticket, from the materials used on the project, must be submitted to the Engineer within 7 days of completion of restoration.

Seed Mixture shall be TDS.

Place Mulch and Mulch Anchoring on all topsoil surfaces.

Mailboxes:

Relocate all mailboxes so that the face of the mailbox is 14.0' – 14.5' from the road centerline. The Contractor is responsible to install the mailboxes at the appropriate height. Position 41" to 45" from the road surface to the bottom of mailbox or point of mail entry. All posts must meet MDOT requirements for mailbox posts (see Special Detail R-74-D). All mailbox posts shall be replaced with a new post unless directed by the Engineer. Costs for relocation of mailboxes, replacement posts, replacement mailboxes and disposal of old posts and mailboxes will be included in the pay item **Post, Mailbox**.

Monument Preservation:

Monument preservation will be completed by the Cheboygan County Road Commission (CCRC). The Contractor shall coordinate work with the CCRC so monument preservation can be completed prior to the start of work and for placement of monument boxes. If a Monument is found, the Contractor shall notify the Engineer Technician.

Traffic Control:

Traffic shall be maintained during the project through the use of lane closures, two-way traffic shall be open during non-working hours. The Contractor shall coordinate operations with contractors performing work on other projects within or adjacent to the Construction Influence Area (CIA).

The Construction Influence Area shall include the right-of-way of the following roadways within the approximate limits described below:

Hill Road from 2900' north Knaffle Road to Levering Road and including, 200' on all intersecting roadways.

Advanced Warning signs shall be in place before any work begins.

Traffic will be maintained by the Contractor in accordance with the 2011 Michigan Manual of Uniform Traffic Control Devices.

Payment for all traffic control, signing and traffic control items shall be paid for as **Traffic Control**.

General Note:

All work shall be done in accordance with the Michigan Department of Transportation 2012 Standard Specification for Construction. All materials shall meet the requirements of the Michigan Department of Transportation Materials Source Guide.

For protection of underground utilities, and in conformance with Public act 174 of 2014, the contractor shall call MISS DIG a minimum of three full working days, excluding Saturdays, Sundays and Holidays, prior to beginning work in areas where public utilities have not been previously located. All MISS DIG participating members will be thus routinely notified. This does not relieve the Contractor from notifying utility owners who may not participate in the MISS DIG alert system.

Insurance Requirements:

The Contractor shall furnish proof of general liability insurance in amounts not less than \$1,000,000 each occurrence and general aggregate, proof of automobile liability in amounts not less than \$1,000,000 combined single limit for each accident, bodily injury per accident, and property damage per accident, and in amount not less than \$500,000 for bodily injury per person. Such proof of insurance shall include a valid certificate of insurance demonstrating that the Cheboygan County Road Commission is additional insured party on the policy. Such insurance shall cover a period not less than the term of the project and shall provide that it cannot be cancelled without 30 days advanced written notice to the Cheboygan County Road Commission, by certified mail, first class, return receipt requested. The Contract will be invalid if insurance expires during the authorized period of work described.

In addition to any liability or obligation by the Contractor that may otherwise exist, Contractor shall, to the fullest extent permitted by law, indemnify and hold harmless the Cheboygan County Road Commission and its commissioners, officers, agents and employees from and against any and all claims, actions, proceedings, liabilities, losses, and damages thereof, and any and all costs and expenses, including legal fees, associated therewith which the Cheboygan County Road Commission may sustain by reason of claims for or allegations of negligence or violation of the terms and conditions of the Contract, arising out of the work which is subject of the Contract.

Bonding Requirements:

The successful Contractor shall furnish a performance bond equal to the contract price as assurance for faithful contract performance.

The Contractor shall also furnish a separate **surety bond** equal to the contract price as security for payment to all persons performing labor and furnishing materials in connection with this contract. The Contractor shall pay the premium for all bonds.

The bonds must meet requirements of Michigan Law.

Bonds shall be submitted and approved before contract execution.

Liquidated Damages:

Liquidated damages will be assessed for failure to complete this project by the specified date, unless waived by the Project Engineer. Damages will be assessed for the total contract cost for all awarded items, as shown in table 108-1 of section 108 of the above referenced MDOT specifications.

Soil Erosion and Sediment Control (SESC):

The Contractor shall implement and maintain the soil erosion control measures as shown on the plans before and at all times during construction of this project. All SESC measures shall conform to current MDOT standards, manufacture guidelines and established best practices.

Daily inspections shall be made by the Contractor; periodic inspections shall be made by the Engineer to determine the effectiveness of the SESC measures. Any required corrections shall be made without delay.

All permanent erosion control measures shall be permanently maintained by the Cheboygan County Road Commission.

Project Quantities:

Mobilization, 10% Max	1	LSUM
Culv, Rem, less than 24 inch	2	Ea
Excavation, Earth	2770	Cyd
Subbase, CIP	2770	Cyd
Aggregate Surface Cse	2350	Ton
Approach, CI II	100	Ton
Geotextile Stabilization	8958	Syd
Culv, CI A, 15 inch	160	Ft
Post, Mailbox	2	Ea
Traffic Control	1	LSUM
Slope Restoration	4160	Syd

Bid Sheet

Board of Cheboygan County Road Commissioners
5302 South Straits Highway
Indian River, MI 49749

Gentlemen:

The undersigned proposes to furnish any and all materials, labor, and equipment necessary for the reconstruction of Hill Road as spelled out in the "Invitation to Bid" for the prices below.

The Cheboygan County Road Commission reserves the right to reject any and/or all bids based on what is in the best interest of Cheboygan County.

Contractor Name: _____

Project:

A489.524Hill Road

Item	Quantity	Unit	Unit Price	Total
Mobilization, 10% Max	1	LSUM		
Culv, Rem, less than 24 inch	2	Ea		
Excavation, Earth	2770	Cyd		
Subbase, CIP	2770	Cyd		
Aggregate Surface Cse	2350	Ton		
Approach, Cl II	100	Ton		
Geotextile, Stabilization	8958	Syd		
Culv, Cl A, 15 inch	160	Ft		
Post, Mailbox	2	Ea		
Traffic Control	1	LSUM		
Slope Restoration	4160	Syd		
TOTAL PROJECT COST ESTIMATE =				

Bidder: _____

Signature: _____

Printed Name: _____

Title: _____

Address: _____

Phone No.: _____

Date: _____

Email: _____

CHEBOYGAN COUNTY ROAD COMMISSION

SPECIAL PROVISION FOR
SLOPE RESTORATION

CCRC:RBS

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01/25/2016

- a. **Description.** Work consists of preparing all lawns and slopes on the projects designated for slope restoration on the plans, or as directed by the Engineer, and applying topsoil, fertilizer, seed and mulch with mulch anchor. Turf establishment shall be in accordance with Section 816 of the Michigan Department of Transportation 2012 Standard Specifications for Construction and Standard Plan R-100 - H, except as modified herein or otherwise by the Engineer
- b. **Materials.** The materials and application rates specified in Section 816 and 917 of the 2012 Standard Specification for Construction apply unless modified by this special provision or otherwise by the Engineer. The following material must be used on the project:
1. Seeding Mixture as called for on the plans or specifications.
 2. Fertilizer, Chemical Nutrient, Class A.
 3. Topsoil Surface, Furnished or Salvaged, 3 inch.
 4. Mulch and Mulch Anchoring.
- c. **Construction.** Construction methods must be in accordance with the 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 of the MDOT 2012 Standard Specifications for Construction. 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 the minimum thickness indicated above, to meet the 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 the additional material shall be included in the pay item for this work, and will not be paid for separately.

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 816.03F of the MDOT 2012 Standard Specifications for Construction.

If an area washes out after this work has been properly installed 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

- d. Measurement and Payment.** The completed work, as described, will be measured and paid for at the contract unit price using the following pay item.

Pay Item:
Slope Restoration

Pay Unit:
Syd

CHEBOYGAN COUNTY ROAD COMMISSION

A PROJECT FUNDED BY

BEAUGRAND TOWNSHIP

HILL ROAD

STARTING 2900 FEET NORTH OF KNAFFLE ROAD TO LEVERING ROAD

SECTIONS 31 & 32, T38N, R2W
BEAUGRAND TOWNSHIP
CHEBOYGAN COUNTY, MICHIGAN

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 PLAN NOTES
- 3 EXISTING TYPICAL SECTION
- 4 TYPICAL SECTION
- 5 - LOG SHEETS

STANDARD PLANS

The following items shall be constructed in accordance with the referenced standard plan.

ROAD STANDARD PLANS

- R - 74 - D BUMPER & PARKING RAILS AND MISC. WOOD POSTS
- R - 82 - D BEDDING AND FILLING AROUND PIPE CULVERTS
- R - 96 - E SOIL EROSION & SEDIMENTATION CONTROL MEASURES
- R - 100 - H SEEDING AND TREE PLANTING

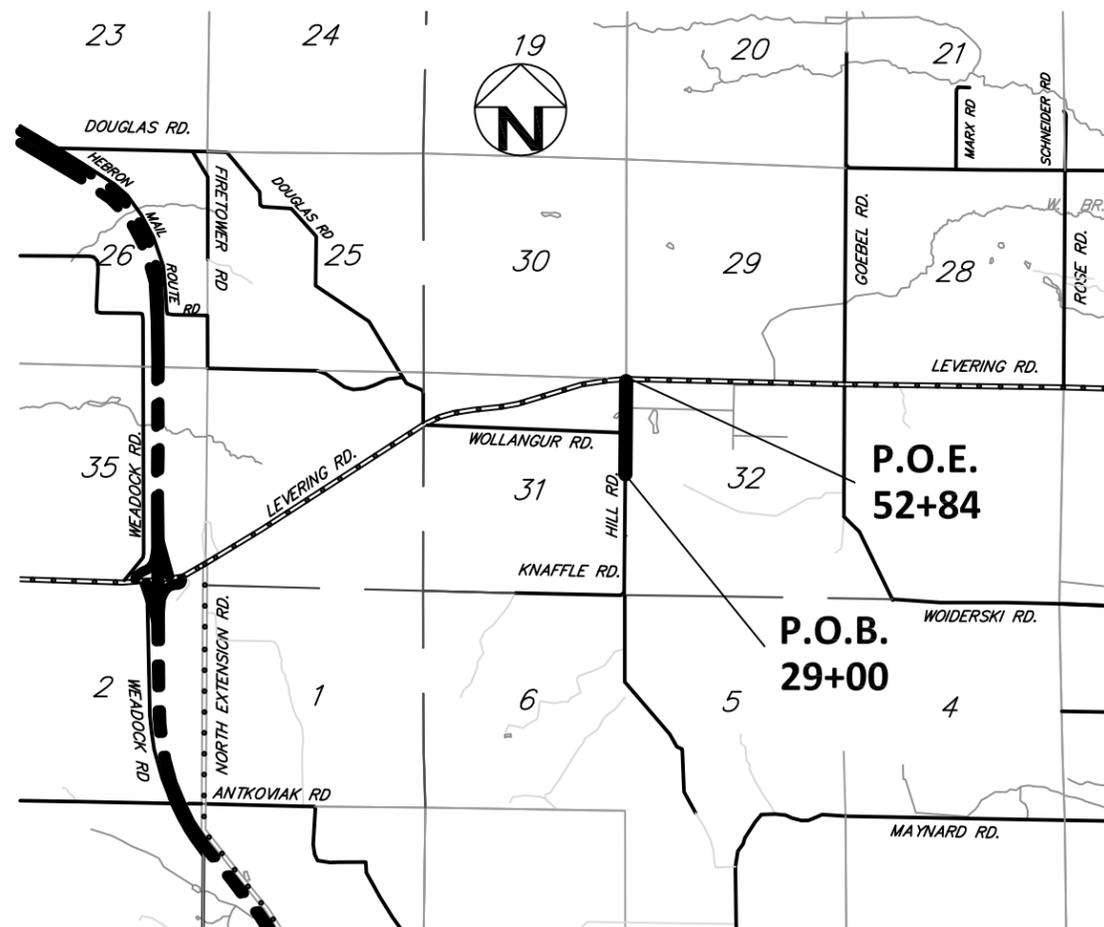
TRAFFIC AND SAFETY STANDARD PLANS

- WZD - 100 - A GROUND DRIVEN SIGN SUPPORTS FOR TEMP SIGNS
- WZD - 125 - E TEMPORARY TRAFFIC CONTROL DEVICES

SPECIFICATIONS

The improvements covered by these plans shall be done in accordance with the Michigan Department of Transportation 2012 Standard Specifications for Construction as amended by Supplemental Specifications and Special Provisions.

Traffic will be maintained by the Contractor during construction, in accordance with contract Special Provisions and the 2011 Michigan Manual of Uniform Traffic Control Devices, as revised.



PROJECT LENGTH: 0.45 MILES

CONTRACT FOR: CULVERTS, EXCAVATION, GEOTEXTILE STABILIZATION, 12" SUBBASE, 6" GRAVEL SURFACE AND RESTORATION.

CHEBOYGAN COUNTY ROAD COMMISSION
5302 S. Straits Highway · INDIAN RIVER, MI 49749 · (231) 238-7775

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JOB NUMBER: A489.524

PLAN DIMENSIONS:

All dimensions in these plans use the English System of Units. Elevations and dimensions are in feet (ft.) unless otherwise noted on these plans.

DRAINAGE:

The Contractor is responsible for positive drainage over entire project.

SIGNS AND PAVEMENT MARKINGS:

All existing signs requiring relocation during construction shall be reset by the contractor at locations specified by the Engineer according to the 2011 Michigan Manual of Uniform Traffic Control Devices, as amended. This work shall be paid for as part of Minor Traf Devices.

All pavement markings, shapes and dimensions shall conform with the Michigan Department of Transportation Pavement Marking typicals PAVE - 905 - Series, unless otherwise indicated.

All permanent pavement markings, placement of Traffic Control Signs, and Construction Work Zone signing shall be done in accordance to the 2011 Michigan Manual of Uniform Traffic Control Devices, and pavement marking standards, as amended.

AGGREGATE DRIVEWAYS:

Aggregate Driveway gravel will be paid as Approach Class II gravel, unless otherwise noted or directed by the Engineer.

MAILBOX LOCATION:

The Contractor is responsible to install a mailbox at the appropriate height and appropriate distance from centerline. Relocate all mailboxes so that the face of mailbox is 14.0' to 14.5' from road centerline. Position the mailbox 41" to 45" from road surface to the bottom of mailbox or point of mail entry. All mailbox post shall be replaced with a new post unless directed by Engineer. Paid for as **Post, Mailbox (Ea)**.

SLOPE RESTORATION:

Slope Restoration shall be completed on all disturbed areas unless otherwise directed by the Engineer.

SOIL EROSION AND SEDIMENT CONTROL (SESC):

The Contractor shall implement and maintain the soil erosion control measures as shown on the plans before and at all times during construction of this project. All SESC measures shall conform to current MDOT standards, manufacture guidelines and established best practices.

Daily inspections shall be made by the Contractor; periodic inspections shall be made by the Engineer to determine the effectiveness of the SESC measures. Any required corrections shall be made without delay.

All permanent erosion control measures shall be permanently maintained by the Cheboygan County Road Commission.

PUBLIC UTILITIES:

The following utilities are located in or near the Right-of-Way for this project:

<u>PRESQUE ISLE ELCTRIC & GAS</u>	<u>AT & T</u>
Andy Bischer	Jeff Collard
19831 M-68 Hwy	514 E Mitchell Street
Onaway, MI 49765	Petoskey, MI 49770
(989) 733-8515	(231) 348-8010

The existing utilities listed above and shown on these plans represent the best information available. This information does not relieve the contractor of the responsibility to be sastisfied as to its accuracy and the location of existing utilities.

For protection of underground utilities, and in conformance with Public Act 174, 2013, the Contractor shall call toll free at 1-800-482-7171, or 811, a minimum of three full working days, excluding Saturdays, Sundays and Holidays, prior to beginning excavation in areas where public utilities have not been previously located. All "MISS DIG" participating members will be thus routinely notified. This does not relieve the Contractor from notifying utility owners who may not be a part of the "MISS DIG" alert system.

PLAN NOTES

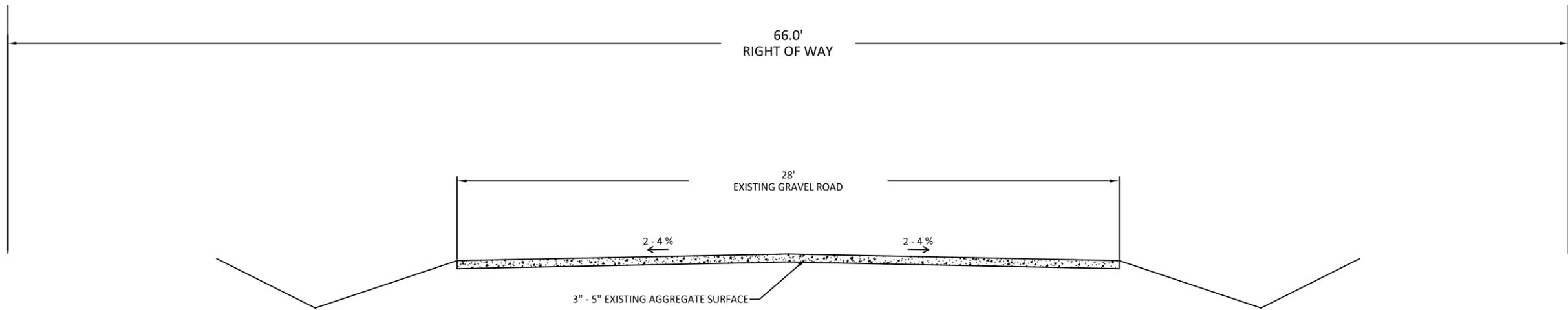
CHEBOYGAN COUNTY ROAD COMMISSION
5302 S. STRAITS HWY · INDIAN RIVER, MI 49748 · (231) 238-7775

HILL ROAD

DATE:
05/10/21

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JOB NUMBER: A489.524



EXISTING TYPICAL SECTION

STATIONS:
29+00 (P.O.B.) TO 52+71 (P.O.E.)

NOT TO SCALE

EXISTING TYPICAL SECTION

CHEBOYGAN COUNTY ROAD COMMISSION
5302 S. STRAITS HWY · INDIAN RIVER, MI 48748 · (231) 238-7775

HILL ROAD

DATE:
05/10/21

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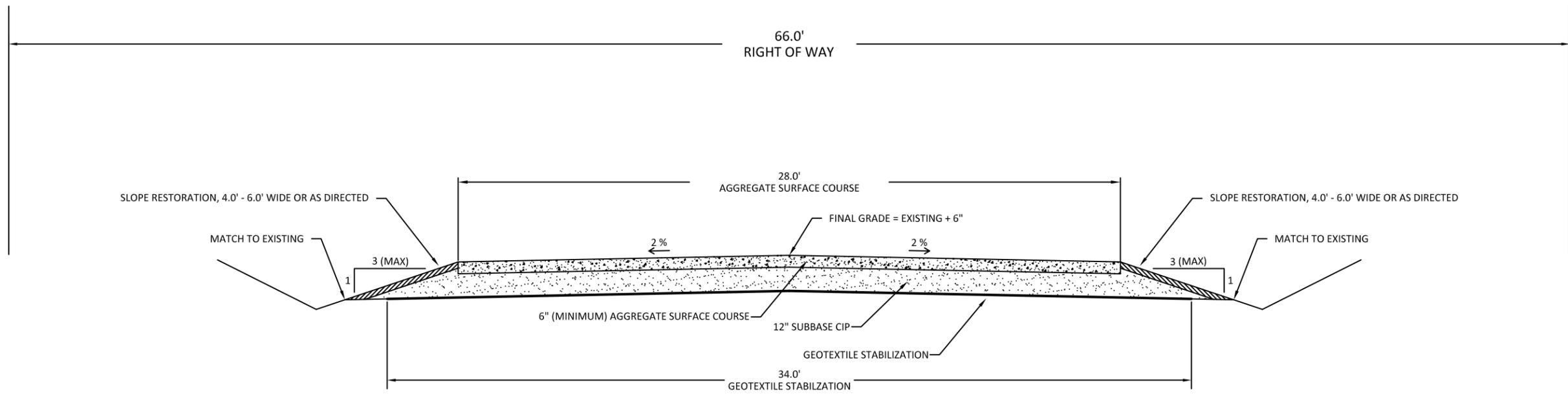
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HILL ROAD

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JOB NUMBER: A489.524



PROPOSED TYPICAL SECTION

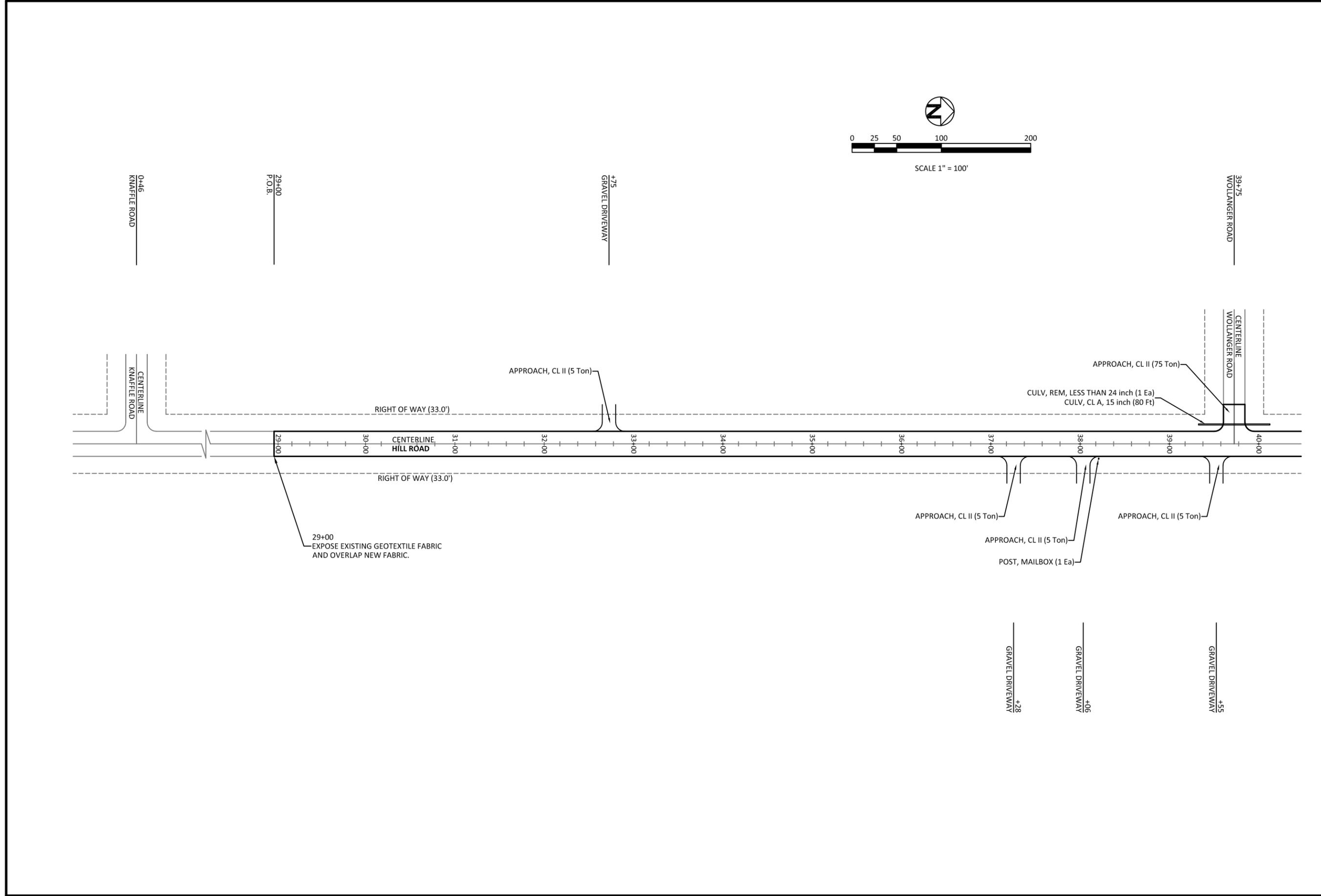
STATIONS:
29+00 (P.O.B.) TO 52+71(P.O.E.)

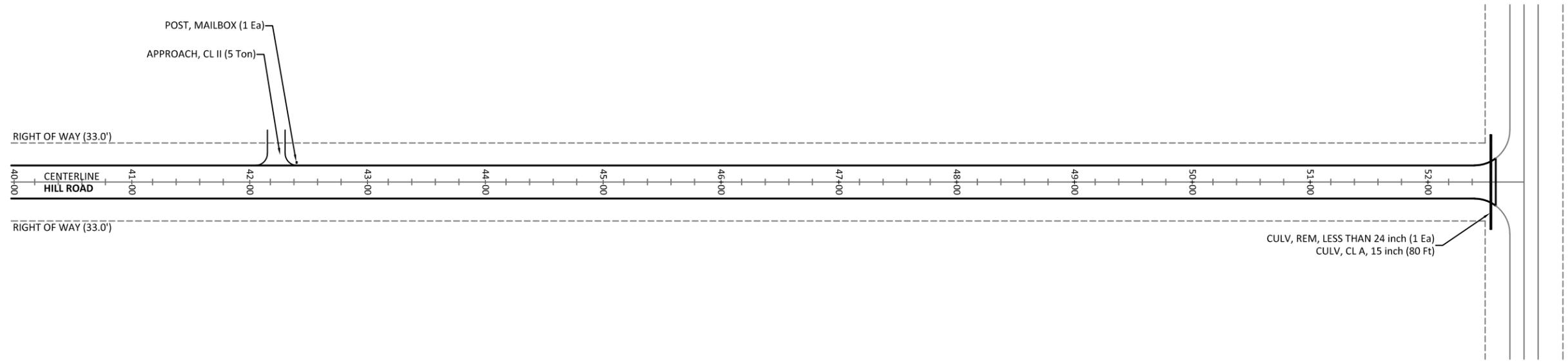
NOT TO SCALE

HILL ROAD

LOG SHEETS

CHEBOYGAN COUNTY ROAD COMMISSION
5302 S. STRAITS HWY · INDIAN RIVER, MI 48748 · (231) 238-7775





4+25
GRAVEL DRIVEWAY

52+84
LEVERING ROAD
52+71
P.O.E.

HILL ROAD

LOG SHEETS

CHEBOYGAN COUNTY ROAD COMMISSION
5302 S. STRAITS HWY • INDIAN RIVER, MI 48748 • (231) 238-7775

DATE:
05/10/21

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JOB NUMBER: A489.524