

NAME OF CONTRACTOR _____

PROPOSAL AND SPECIFICATIONS

FOR

HIGHWAY CONSTRUCTION

COUNTY LOCAL ROAD SYSTEM

**Do Not Separate
or Remove Sheets
From This Proposal**

PROJECT NO. LH 4064– 0.87 miles of road rehabilitation including clearing, station grading, HMA millings surface course, and restoration on Dugout Road & Riverside Drive, west of 66th Street Saugatuck Township, Allegan County.

SAUGATUCK TOWNSHIP

April 28, 2021

BOARD OF COUNTY ROAD COMMISSIONERS
OF ALLEGAN COUNTY, MICHIGAN

1308 Lincoln Road, Allegan, MI 49010

ALLEGAN COUNTY ROAD COMMISSION
ADVERTISEMENT FOR BIDS
COUNTY LOCAL ROAD CONSTRUCTION

Sealed bids will be received by the Allegan County Road Commission at their office at 1308 Lincoln Road (M-89), Allegan, Michigan until 11:00 A.M., Local Time, April 28, 2021, and, at such time, be publicly opened and read aloud for the following:

PROJECT NO. LH 4064– 0.87 miles of road rehabilitation including clearing, station grading, HMA millings surface course, and restoration on Dugout Road & Riverside Drive, west of 66th Street Saugatuck Township, Allegan County.

Complete specifications, plans, and bid forms are available at the Road Commission office and the Road Commission website www.alleganroads.org under the Projects link. When accessing plans from the website, please send an email to jlemaire@alleganroads.org to be added to the plan holders list.

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.

A bid deposit of at least 5% of the bid amount will be required for this item. The bid deposit may be in the form of certified check, cashier's check or bid bond.

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 County of Allegan.

BOARD OF COUNTY ROAD COMMISSIONERS
OF ALLEGAN COUNTY, MICHIGAN

John Kleinheksel, Chairman
James Rybicki, Vice-Chairman
Larry Brown, Member

PROJECT NO. LH 4064– 0.87 miles of road rehabilitation including clearing, station grading, HMA millings surface course, and restoration on Dugout Road & Riverside Drive, west of 66th Street Saugatuck Township, Allegan County.

BID and AWARD

Date _____

Board of County Road Commissioners
Of Allegan County
1308 Lincoln Road
Allegan, MI 49010

Gentlemen:

The undersigned has examined the plans, 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 doing the work, do 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 plans and specifications therefore.

The undersigned further proposes to such extra work as may be ordered by you, prices for that are not included in the itemized bid, compensation therefore to be made on the basis agreed upon before such extra work is begun.

The undersigned agrees to complete all items of work on or before November 26, 2021. The schedule for liquidated damages is located in the general specifications.

The contractor will submit a progress schedule subject to approval of the Engineer prior to the award of the contract.

The undersigned encloses a certified check, cashier's check, or Bid Bond, representing 5% of the bid, in the amount of \$_____, payable to the Allegan County Road Commission as a guarantee of good faith. If the contract is awarded to the undersigned, and the undersigned fails to furnish satisfactory bonds to the Road Commission within fifteen (15) days after being given notice of award said check will be forfeited to the Allegan County Road Commission as liquidated damage.

THE CONTRACT

The Contract Documents consist of the bid documents, this Agreement, Conditions of the Contract (General Supplementary, Special and other Conditions), Drawings, 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.

PROJECT NO. LH 4064– 0.87 miles of road rehabilitation including clearing, station grading, HMA millings surface course, and restoration on Dugout Road & Riverside Drive, west of 66th Street Saugatuck Township, Allegan County.

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, MICHIGAN
ITEMIZED UNIT PRICE BID SCHEDULE

ITEM OF WORK	QUANTITY	UNIT	UNIT PRICE	TOTAL
Clearing	1	LS		
Station Grading	1	LS		
Topsoil Surface, Furn, LM	100	Cyd		
HMA Millings Surface Cse	1,400	Cyd		
Riprap, Plain	20	Syd		
Slope Restoration, Type A	4,000	Syd		
Slope Restoration, Type C	1,000	Syd		
Extended Restoration	1	LS		
Sign, Type B, Temp, Modified	77	Sft		
Plastic Drum, High Intensity, Ltd, Modified	20	Ea		
Barricade Type III, High Intensity, Dbl Sided, Ltd, Modified	2	Ea		
Project Cleanup	1	LS		

TOTAL \$ _____

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

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 Allegan County. I hereby state that I have not communicated with nor otherwise colluded with any other bidder, nor have I made any agreement with nor offered or accepted anything of value from an official or employee of the Board of County Road Commissioners of Allegan County that would tend to destroy or hinder free competition.

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

In case 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 the terms of this bid document.

SIGNATURE: _____ NAME: _____
(Type or Print)

TITLE: _____ DATE: _____

FIRM NAME: _____ PHONE: _____

ADDRESS: _____
(Street Address) (City) (State) (Zip)

FOR COUNTY USE ONLY – DO NOT WRITE BELOW

ACCEPTED BY: BOARD OF COUNTY ROAD COMMISSIONERS
OF THE COUNTY OF ALLEGAN, MICHIGAN

Chairman

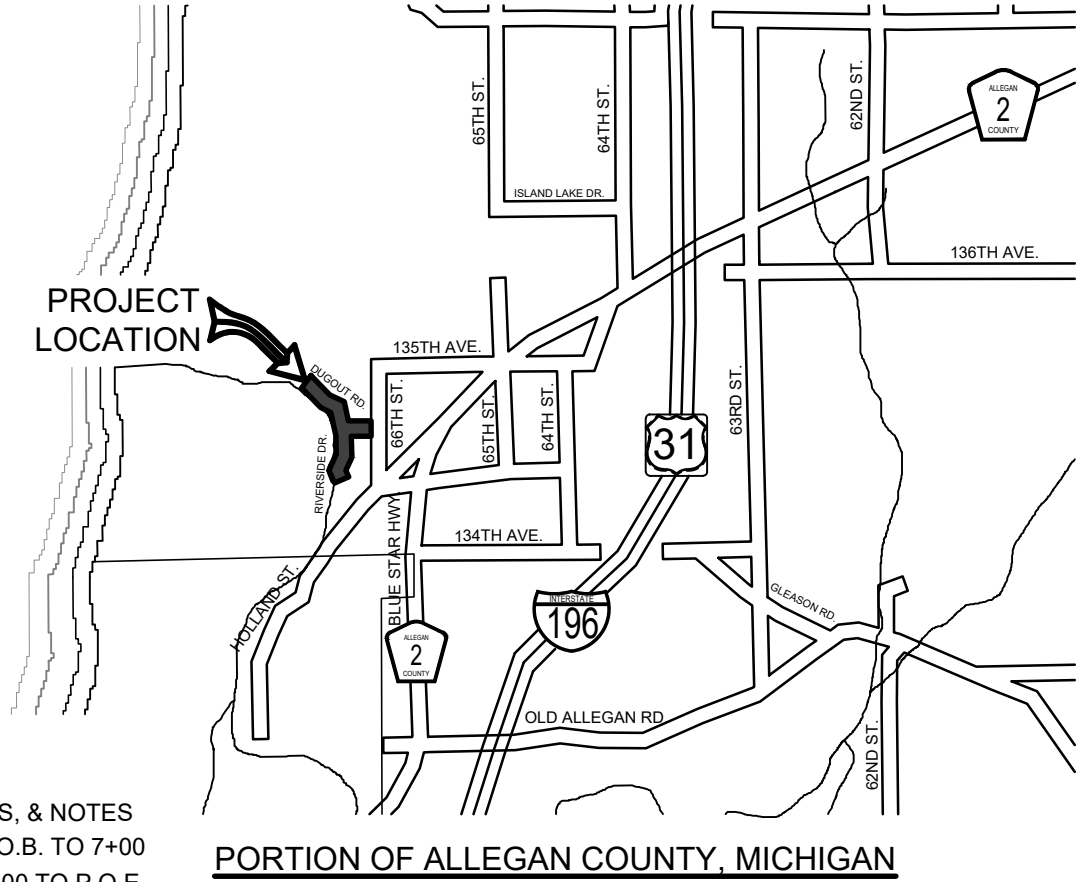
Vice-Chairman

Member

Date

ALLEGAN COUNTY ROAD COMMISSION

DUGOUT ROAD & RIVERSIDE DRIVE REHABILITATION PROJECT WEST OF 66TH STREET SAUGATUCK TOWNSHIP LH 4064



INDEX OF PLANS

- 1 - COVER SHEET
- 2 - TYPICAL SECTIONS, DETAILS, & NOTES
- 3 - DUGOUT RD PLAN - STA. P.O.B. TO 7+00
- 4 - DUGOUT RD PLAN - STA. 7+00 TO P.O.E.
- 5 - RIVERSIDE DR PLAN - STA. P.O.B. TO P.O.E.

PREPARED UNDER THE SUPERVISION OF:

 JASON EDWARDS
 REGISTERED PROFESSIONAL ENGINEER NO. 59473
 ALLEGAN COUNTY ROAD COMMISSION
 1308 LINCOLN ROAD, ALLEGAN, MI 49010

 DATE

UTILITY CONTACTS

ELECTRIC
 CONSUMERS ENERGY
 4000 CLAY AVE, SW
 GRAND RAPIDS, MI 49548
 616-530-4185
 MS. KYLEE MAYCROFT
 grcivimp@cmsenergy.com

TELEPHONE
 FRONTIER
 601 N. U.S. 131
 THREE RIVERS, MI 49093
 269-273-0371
 MR. LANCE WEBLEY
 Lance.Webley@ftr.com

CABLE
 COMCAST
 11921 E M-89
 RICHLAND, MI 49083
 269-203-7114
 MR. JOE SCHOPF
 joseph_schoph@cable.comcast.com

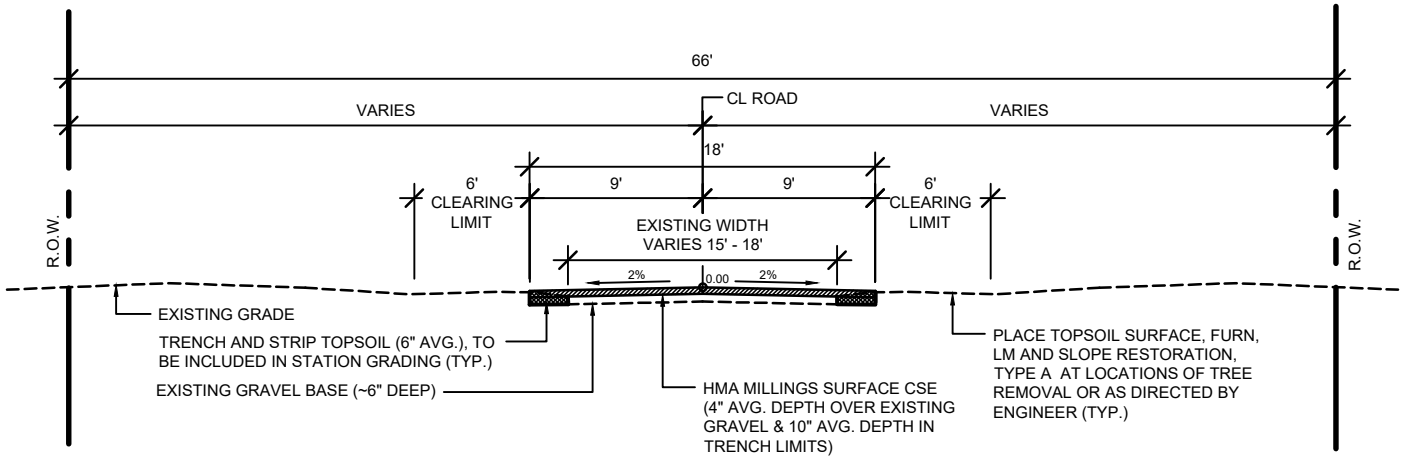
GAS
 MICHIGAN GAS UTILITY
 MR. SETH PURUCKER
 Seth.Purucker@michigangasutilities.com

WATER & SEWER
 KALAMAZOO LAKE SEWER
 & WATER
 6449 OLD ALLEGAN ROAD
 SAUGAUTUCK, MI 49453
 269-857-2709
 MR. DARYL VANDYKE
 daryl@klsww.com

"MISS DIG" 811

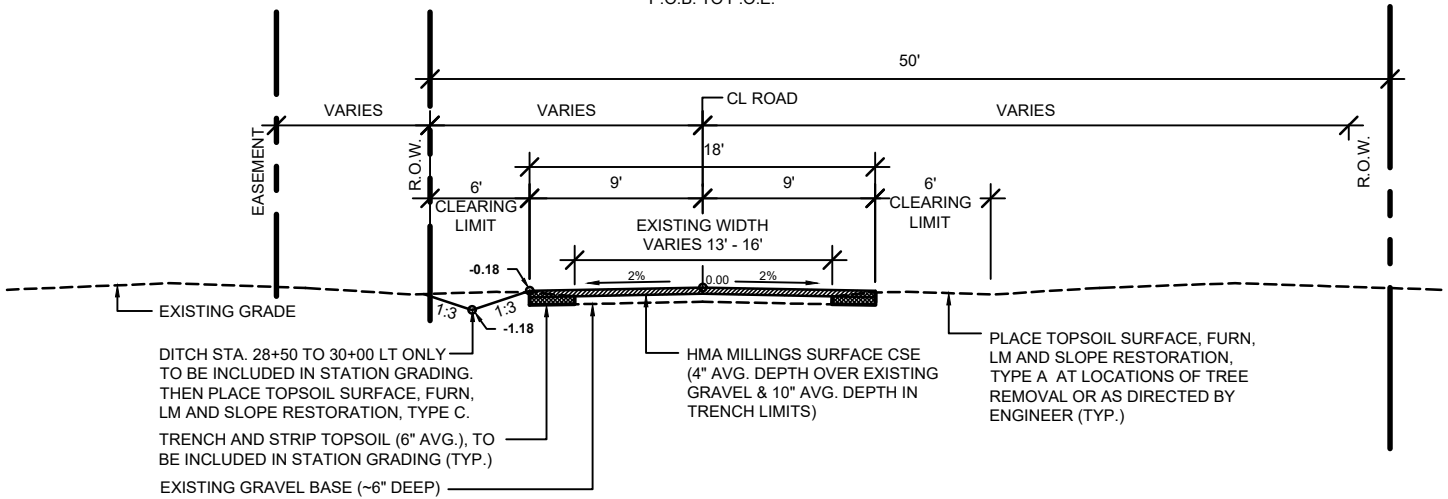
CONTRACT FOR ROAD IMPROVEMENTS

0.87 MILES OF ROAD REHABILITATION INCLUDING CLEARING, STATION GRADING, HMA MILLINGS SURFACE COURSE, AND RESTORATION IN SAUGATUCK TOWNSHIP, ALLEGAN COUNTY.



DUGOUT ROAD - TYPICAL SECTION

SCALE: 1" = 10'
THIS SECTION APPLIES TO:
P.O.B. TO P.O.E.



RIVERSIDE DRIVE - TYPICAL SECTION

SCALE: 1" = 10'
THIS SECTION APPLIES TO:
P.O.B. TO P.O.E.
DITCH 28+50 TO 30+00 LT ONLY

DRIVEWAY LEGEND



REGRADE EXISTING GRAVEL DRIVE AS REQUIRED WITH "HMA MILLINGS SURFACE CSE"



SAWCUT AND REMOVE EXISTING HMA PAVEMENT (INCLUDED IN STATION GRADING) AND REGRADE DRIVE AS REQUIRED WITH "HMA MILLINGS SURFACE CSE"



SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT (INCLUDED IN STATION GRADING) AND REGRADE DRIVE AS REQUIRED WITH "HMA MILLINGS SURFACE CSE"

PROJECT NOTES

THE "2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND "STANDARD PLANS" BY THE MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) ARE HEREBY INCORPORATED INTO THESE CONTRACT DOCUMENTS.

THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING THE ALLEGAN COUNTY ROAD COMMISSION TO NOTIFY THEM THAT WORK IS COMMENCING.

THE ITEM OF CLEARING WILL INCLUDE CLEARING ALL TREES AND BRUSH WITHIN THE CLEARING LIMITS, AS WELL AS ALL DEAD TREES WITHIN THE ROAD RIGHT-OF-WAY.

THE ITEM OF STATION GRADING WILL INCLUDE FENCE REMOVAL, FENCE RELOCATION, SAW CUTTING, CONCRETE REMOVAL, HMA REMOVAL, TRENCHING, STRIPPING TOPSOIL, AND DISPOSAL OF TRENCHED MATERIAL & TOPSOIL.

AS PART OF THIS PROJECT THE CONTRACTOR WILL COORDINATE WITH THE ALLEGAN COUNTY ROAD COMMISSION TO PRESERVE AND RESET ALL GOVERNMENT CORNERS WITHIN THE PROJECT LIMITS.

ADEQUATE DUST CONTROL MEASURES WILL BE MAINTAINED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER IN THE FIELD, TO BE INCLUDED IN THE VARIOUS ITEMS OF WORK.

UTILITY NOTES

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, THE CONTRACTOR SHALL CONTACT "MISS DIG" AT 811, A MINIMUM OF 72 HOURS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS, PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM.

THE CONTRACTOR WILL LOCATE ALL ACTIVE UNDERGROUND UTILITIES PRIOR TO STARTING WORK AND WILL CONDUCT HIS OPERATIONS IN A MANNER AS TO ENSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED.

**Board of County Road Commissioners
Of Allegan County**

1308 LINCOLN ROAD
ALLEGAN, MICHIGAN 49010-9762

TELEPHONE (269) 673-2184 www.alleganroads.org FAX (269) 673-5922

**DUGOUT ROAD & RIVERSIDE DRIVE
REHABILITATION PROJECT
WEST OF 66TH STREET
SAUGATUCK TOWNSHIP**

TYPICAL SECTIONS, DETAILS, & NOTES

DRAWN BY: J.S.E.

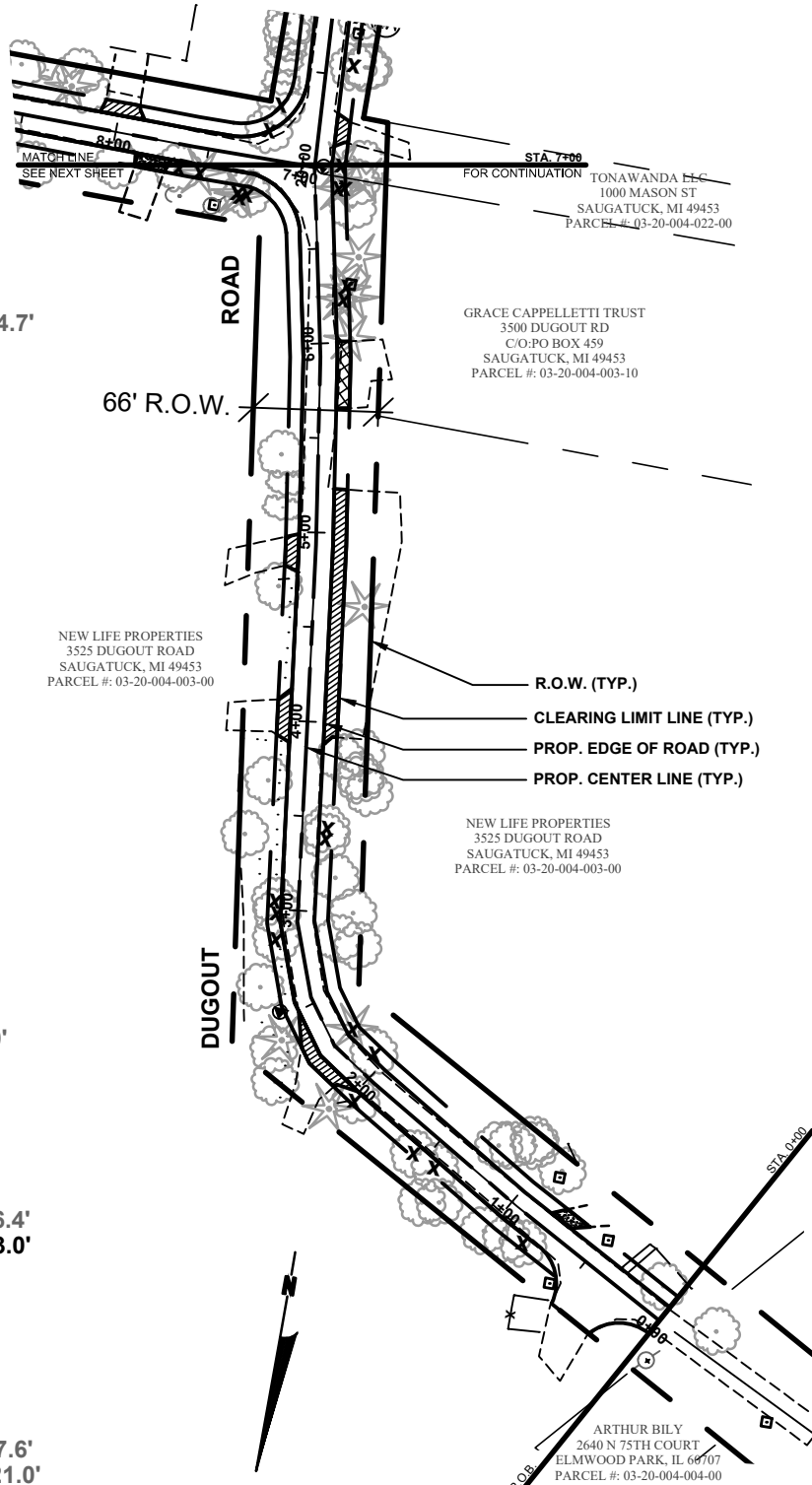
REVIEWED BY:

DATE: APR., 2021

SCALE: 1" = 10'

2 OF 5

5+41 42" MAPLE 19.4'
 5+26 BUSH 16.8'
 5+13 BUSH 18.3'
 4+71 36" MAPLE 18.8'
 4+70 WOOD POST 12.2'
 4+63 WOOD POST 12.4'
 4+55 WOOD POST 12.4'
 4+47 WOOD POST 12.4'
 4+38 WOOD POST 12.8'
 4+30 WOOD POST 13.0'
 4+23 WOOD POST 13.1'
 3+90 WOOD POST 33.7'
 3+89 WOOD POST 26.2'
 3+89 WOOD POST 21.9'
 3+89 WOOD POST 13.7'
 3+86 BUILDING 34.6'
 3+82 WOOD POST 13.5'
 3+74 WOOD POST 13.5'
 3+68 36" MAPLE 19.3'
 3+67 WOOD POST 13.5'
 3+61 BUILDING CAMP 34.7'
 3+58 WOOD POST 13.6'
 3+50 WOOD POST 13.3'
 3+42 WOOD POST 13.4'
 3+39 27" OAK 30.2'
 3+34 WOOD POST 13.1'
 3+26 WOOD POST 13.1'
 3+26 WOOD POST 21.8'
 3+18 WOOD POST 12.6'
 3+18 WOOD POST 21.5'
 3+10 WOOD POST 11.5'
 3+04 24" MAPLE 12.3'
 2+99 27" MAPLE 11.3'
 2+94 WOOD POST 9.6'
 2+87 18" MAPLE 12.7'
 2+81 WOOD POST 11.8'
 2+72 WOOD POST 12.8'
 2+65 WOOD POST 13.3'
 2+63 36" OAK 25.5'
 2+58 WOOD POST 13.5'
 2+53 WOOD POST 29.2'
 2+53 WOOD POST 14.3'
 2+49 WOOD POST 23.3'
 2+48 WOOD POST 33.1'
 2+46 WOOD POST 16.6'
 2+44 WOOD POST 26.7'
 2+41 WOOD POST 20.4'
 2+40 6" PINE 23.9'
 2+37 TWIN 27" OAK 30.0'
 2+33 WOOD POST 24.1'
 2+27 WOOD POST 28.2'
 2+25 WOOD POST 39.9'
 2+25 36" OAK 36.9'
 2+25 WOOD POST 34.4'
 2+04 9" PINE 26.3'
 1+99 SIGN - PINE TRL 16.4'
 1+97 TRIPLE 18" OAK 13.0'
 1+56 6" MAPLE 14.6'
 1+43 12" OAK 13.0'
 1+36 15" OAK 31.3'
 1+29 15" OAK 25.5'
 1+01 24" OAK 21.3'
 0+90 9" ELM 17.0'
 0+82 9" MAPLE 13.5'
 0+68 FENCE - TRASH 37.6'
 0+58 TELE RISER BOX 21.0'
 0+53 FENCE - TRASH 28.5'



6+93 FND CIB 98.2'
 6+93 6" OAK 91.3'
 6+93 36" OAK 82.6'
 6+93 MH SEPTIC 85.1'
 6+93 TELE RISER BOX 74.1'
 6+93 6" MAPLE 59.6'
 6+93 6" MAPLE 59.0'
 6+93 6" MAPLE 56.6'
 6+93 6" MAPLE 25.9'
 6+93 36" PINE 14.1'
 6+85 9" PINE 26.8'
 6+84 6" MAPLE 21.5'
 6+84 WOOD POST 13.0'
 6+81 15" STUMP 14.8'
 6+81 30" PINE 13.1'
 6+72 9" MAPLE 19.3'
 6+45 6" PINE 21.8'
 6+31 TELE RISER BOX 17.2'
 6+29 15" PINE 14.7'
 6+23 15" PINE 19.0'
 6+22 15" PINE 13.0'
 6+02 6" PINE 16.5'
 4+62 TWIN 27" PINE 27.1'
 3+85 12" MAPLE 29.1'
 3+82 30" MAPLE 18.3'
 3+73 6" CHERRY 29.0'
 3+70 9" CHERRY 29.4'
 3+64 12" MAPLE 34.3'
 3+44 24" MAPLE 12.6'
 3+39 15" MAPLE 12.7'
 3+18 15" MAPLE 18.7'
 3+00 9" MAPLE 29.1'
 2+81 15" MAPLE 20.0'
 2+76 30" MAPLE 29.1'
 2+29 24" PINE 12.9'
 2+08 27" OAK 11.5'
 1+25 18" OAK 17.9'
 1+20 15" OAK 22.5'
 1+12 12" OAK 32.2'
 1+10 24" OAK 30.6'
 0+98 BUILDING CAMP 42.7'
 0+90 24" CHERRY 29.4'
 0+89 TELE RISER BOX 25.9'
 0+85 BUILDING 37.1'
 0+48 TELE RISER BOX 16.1'
 0+29 WOOD WALKWAY 9.0'
 0+25 BUILDING 28.6'
 0+10 TRIPLE 6" MAPLE 15.3'

***BOLD INDICATES TREE REMOVALS AND FENCE RELOCATIONS**

**Board of County Road Commissioners
Of Allegan County**

1308 LINCOLN ROAD
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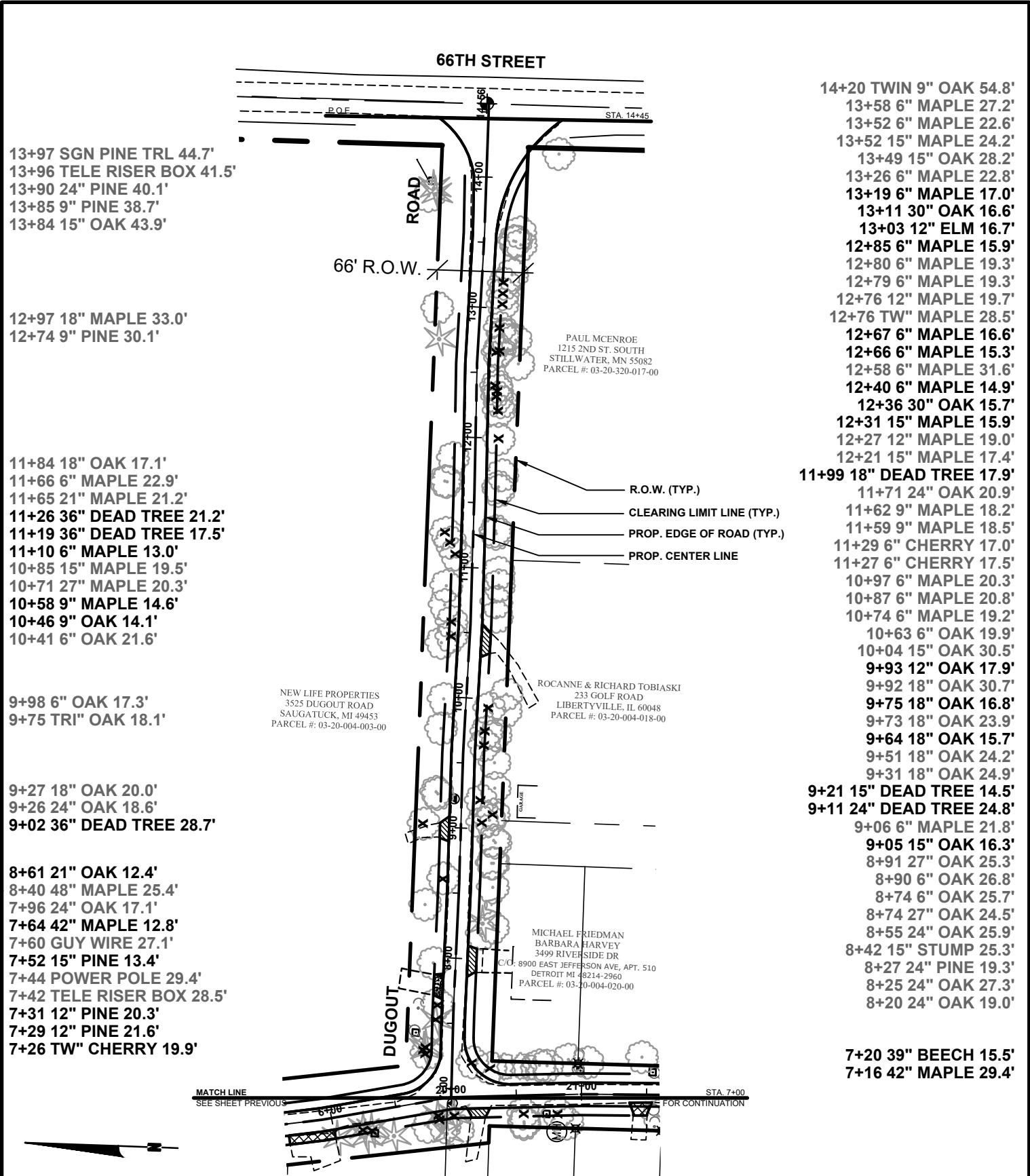
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**DUGOUT ROAD & RIVERSIDE DRIVE
REHABILITATION PROJECT**
WEST OF 66TH STREET
SAUGATUCK TOWNSHIP

DUGOUT ROAD PLAN - STA. P.O.B. TO 7+00

DRAWN BY: J.S.E.
REVIEWED BY: R.P.B.
DATE: APR., 2021
SCALE: 1" = 100'

3 OF 5



13+97 SGN PINE TRL 44.7'
 13+96 TELE RISER BOX 41.5'
 13+90 24" PINE 40.1'
 13+85 9" PINE 38.7'
 13+84 15" OAK 43.9'

12+97 18" MAPLE 33.0'
 12+74 9" PINE 30.1'

11+84 18" OAK 17.1'
 11+66 6" MAPLE 22.9'
 11+65 21" MAPLE 21.2'
 11+26 36" DEAD TREE 21.2'
 11+19 36" DEAD TREE 17.5'
 11+10 6" MAPLE 13.0'
 10+85 15" MAPLE 19.5'
 10+71 27" MAPLE 20.3'
 10+58 9" MAPLE 14.6'
 10+46 9" OAK 14.1'
 10+41 6" OAK 21.6'

9+98 6" OAK 17.3'
 9+75 TRI" OAK 18.1'

9+27 18" OAK 20.0'
 9+26 24" OAK 18.6'
 9+02 36" DEAD TREE 28.7'

8+61 21" OAK 12.4'
 8+40 48" MAPLE 25.4'
 7+96 24" OAK 17.1'
 7+64 42" MAPLE 12.8'
 7+60 GUY WIRE 27.1'
 7+52 15" PINE 13.4'
 7+44 POWER POLE 29.4'
 7+42 TELE RISER BOX 28.5'
 7+31 12" PINE 20.3'
 7+29 12" PINE 21.6'
 7+26 TW" CHERRY 19.9'

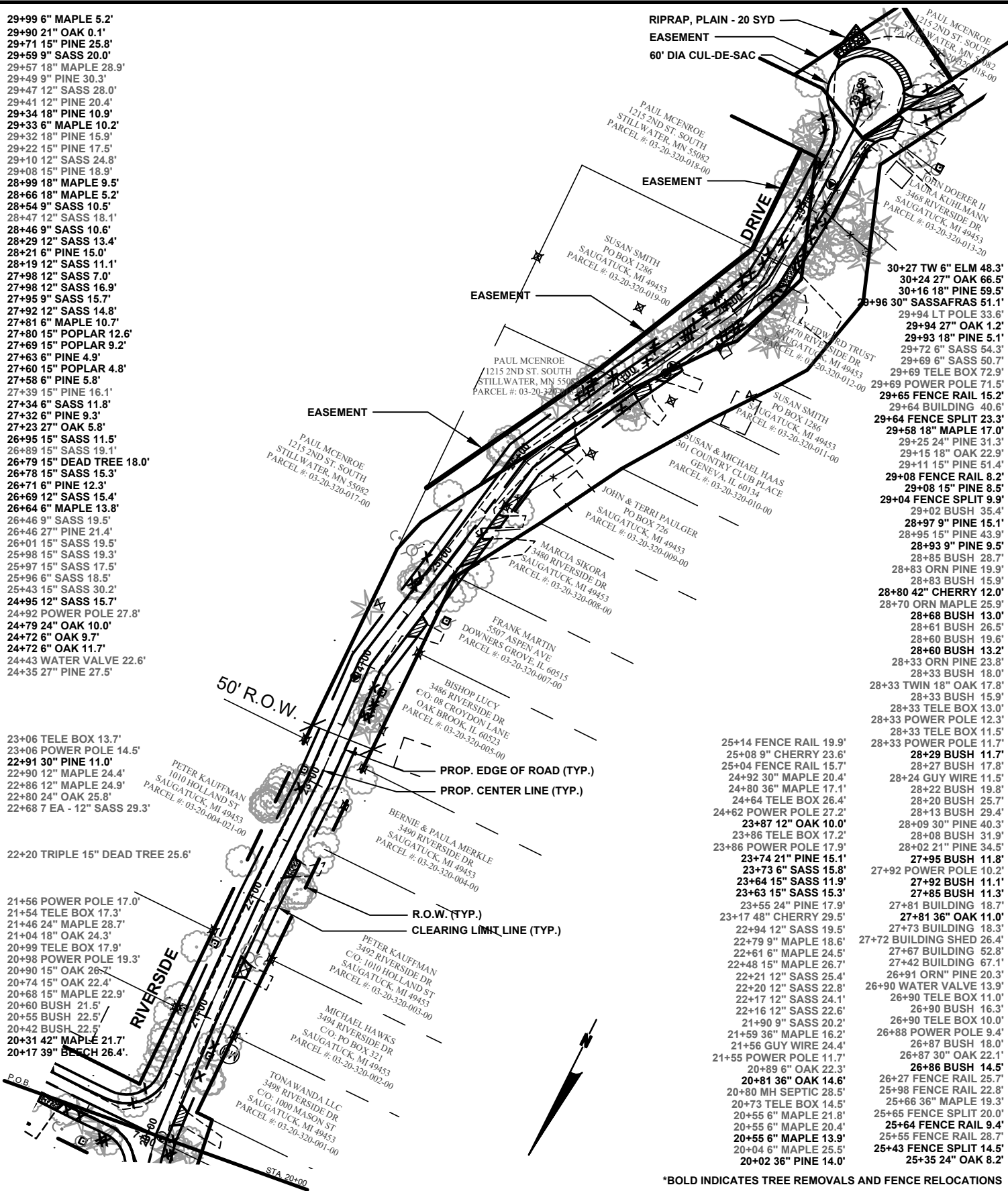
14+20 TWIN 9" OAK 54.8'
 13+58 6" MAPLE 27.2'
 13+52 6" MAPLE 22.6'
 13+52 15" MAPLE 24.2'
 13+49 15" OAK 28.2'
 13+26 6" MAPLE 22.8'
 13+19 6" MAPLE 17.0'
 13+11 30" OAK 16.6'
 13+03 12" ELM 16.7'
 12+85 6" MAPLE 15.9'
 12+80 6" MAPLE 19.3'
 12+79 6" MAPLE 19.3'
 12+76 12" MAPLE 19.7'
 12+76 TW" MAPLE 28.5'
 12+67 6" MAPLE 16.6'
 12+66 6" MAPLE 15.3'
 12+58 6" MAPLE 31.6'
 12+40 6" MAPLE 14.9'
 12+36 30" OAK 15.7'
 12+31 15" MAPLE 15.9'
 12+27 12" MAPLE 19.0'
 12+21 15" MAPLE 17.4'
11+99 18" DEAD TREE 17.9'
 11+71 24" OAK 20.9'
 11+62 9" MAPLE 18.2'
 11+59 9" MAPLE 18.5'
 11+29 6" CHERRY 17.0'
 11+27 6" CHERRY 17.5'
 10+97 6" MAPLE 20.3'
 10+87 6" MAPLE 20.8'
 10+74 6" MAPLE 19.2'
 10+63 6" OAK 19.9'
 10+04 15" OAK 30.5'
 9+93 12" OAK 17.9'
 9+92 18" OAK 30.7'
 9+75 18" OAK 16.8'
 9+73 18" OAK 23.9'
 9+64 18" OAK 15.7'
 9+51 18" OAK 24.2'
 9+31 18" OAK 24.9'
9+21 15" DEAD TREE 14.5'
9+11 24" DEAD TREE 24.8'
 9+06 6" MAPLE 21.8'
 9+05 15" OAK 16.3'
 8+91 27" OAK 25.3'
 8+90 6" OAK 26.8'
 8+74 6" OAK 25.7'
 8+74 27" OAK 24.5'
 8+55 24" OAK 25.9'
 8+42 15" STUMP 25.3'
 8+27 24" PINE 19.3'
 8+25 24" OAK 27.3'
 8+20 24" OAK 19.0'
 7+20 39" BEECH 15.5'
 7+16 42" MAPLE 29.4'

*BOLD INDICATES TREE REMOVALS AND FENCE RELOCATIONS

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**DUGOUT ROAD & RIVERSIDE DRIVE
 REHABILITATION PROJECT**
 WEST OF 66TH STREET
 SAUGATUCK TOWNSHIP
DUGOUT ROAD PLAN - STA. 7+00 TO P.O.E.

DRAWN BY: J.S.E.
 REVIEWED BY: R.P.B.
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 SCALE: 1" = 100'
 4 OF 5



- 29+99 6" MAPLE 5.2'
- 29+90 21" OAK 0.1'
- 29+71 15" PINE 25.8'
- 29+59 9" SASS 20.0'
- 29+57 18" MAPLE 28.9'
- 29+49 9" PINE 30.3'
- 29+47 12" SASS 28.0'
- 29+41 12" PINE 20.4'
- 29+34 18" PINE 10.9'
- 29+33 6" MAPLE 10.2'
- 29+32 18" PINE 15.9'
- 29+22 15" PINE 17.5'
- 29+10 12" SASS 24.8'
- 29+08 15" PINE 18.9'
- 28+99 18" MAPLE 9.5'
- 28+66 18" MAPLE 5.2'
- 28+54 9" SASS 10.5'
- 28+47 12" SASS 18.1'
- 28+46 9" SASS 10.6'
- 28+29 12" SASS 13.4'
- 28+21 6" PINE 15.0'
- 28+19 12" SASS 11.1'
- 27+98 12" SASS 7.0'
- 27+98 12" SASS 16.9'
- 27+95 9" SASS 15.7'
- 27+92 12" SASS 14.8'
- 27+81 6" MAPLE 10.7'
- 27+80 15" POPLAR 12.6'
- 27+69 15" POPLAR 9.2'
- 27+63 6" PINE 4.9'
- 27+60 15" POPLAR 4.8'
- 27+58 6" PINE 5.8'
- 27+39 15" PINE 16.1'
- 27+34 6" SASS 11.8'
- 27+32 6" PINE 9.3'
- 27+23 27" OAK 5.8'
- 26+95 15" SASS 11.5'
- 26+89 15" SASS 19.1'
- 26+79 15" DEAD TREE 18.0'
- 26+78 15" SASS 15.3'
- 26+71 6" PINE 12.3'
- 26+69 12" SASS 15.4'
- 26+64 6" MAPLE 13.8'
- 26+46 9" SASS 19.5'
- 26+46 27" PINE 21.4'
- 26+01 15" SASS 19.5'
- 25+98 15" SASS 19.3'
- 25+97 15" SASS 17.5'
- 25+96 6" SASS 18.5'
- 25+43 15" SASS 30.2'
- 24+95 12" SASS 15.7'
- 24+92 POWER POLE 27.8'
- 24+79 24" OAK 10.0'
- 24+72 6" OAK 9.7'
- 24+72 6" OAK 11.7'
- 24+43 WATER VALVE 22.6'
- 24+35 27" PINE 27.5'

- 23+06 TELE BOX 13.7'
- 23+06 POWER POLE 14.5'
- 22+91 30" PINE 11.0'
- 22+90 12" MAPLE 24.4'
- 22+86 12" MAPLE 24.9'
- 22+80 24" OAK 25.8'
- 22+68 7 EA - 12" SASS 29.3'

- 22+20 TRIPLE 15" DEAD TREE 25.6'
- 21+56 POWER POLE 17.0'
- 21+54 TELE BOX 17.3'
- 21+46 24" MAPLE 28.7'
- 21+04 18" OAK 24.3'
- 20+99 TELE BOX 17.9'
- 20+98 POWER POLE 19.3'
- 20+90 15" OAK 26.7'
- 20+74 15" OAK 22.4'
- 20+68 15" MAPLE 22.9'
- 20+60 BUSH 21.5'
- 20+55 BUSH 22.5'
- 20+42 BUSH 22.5'
- 20+31 42" MAPLE 21.7'
- 20+17 39" BEECH 26.4'

- 25+14 FENCE RAIL 19.9'
- 25+08 9" CHERRY 23.6'
- 25+04 FENCE RAIL 15.7'
- 24+92 30" MAPLE 20.4'
- 24+80 36" MAPLE 17.1'
- 24+64 TELE BOX 26.4'
- 24+62 POWER POLE 27.2'
- 23+87 12" OAK 10.0'
- 23+86 TELE BOX 17.2'
- 23+86 POWER POLE 17.9'
- 23+74 21" PINE 15.1'
- 23+73 6" SASS 15.8'
- 23+64 15" SASS 11.9'
- 23+63 15" SASS 15.3'
- 23+55 24" PINE 17.9'
- 23+17 48" CHERRY 29.5'
- 22+94 12" SASS 19.5'
- 22+79 9" MAPLE 18.6'
- 22+61 6" MAPLE 24.5'
- 22+48 15" MAPLE 26.7'
- 22+21 12" SASS 25.4'
- 22+20 12" SASS 22.8'
- 22+17 12" SASS 24.1'
- 22+16 12" SASS 22.6'
- 21+90 9" SASS 20.2'
- 21+59 36" MAPLE 16.2'
- 21+56 GUY WIRE 24.4'
- 21+55 POWER POLE 11.7'
- 20+89 6" OAK 22.3'
- 20+81 36" OAK 14.6'
- 20+80 MH SEPTIC 28.5'
- 20+73 TELE BOX 14.5'
- 20+55 6" MAPLE 21.8'
- 20+55 6" MAPLE 20.4'
- 20+55 6" MAPLE 13.9'
- 20+04 6" MAPLE 25.5'
- 20+02 36" PINE 14.0'
- 30+27 TW 6" ELM 48.3'
- 30+24 27" OAK 66.5'
- 30+16 18" PINE 59.5'
- 29+96 30" SASSAFRAS 51.1'
- 29+94 LT POLE 33.6'
- 29+94 27" OAK 1.2'
- 29+93 18" PINE 5.1'
- 29+72 6" SASS 54.3'
- 29+69 6" SASS 50.7'
- 29+69 TELE BOX 72.9'
- 29+69 POWER POLE 71.5'
- 29+65 FENCE RAIL 15.2'
- 29+64 BUILDING 40.6'
- 29+64 FENCE SPLIT 23.3'
- 29+58 18" MAPLE 17.0'
- 29+25 24" PINE 31.3'
- 29+15 18" OAK 22.9'
- 29+11 15" PINE 51.4'
- 29+08 FENCE RAIL 8.2'
- 29+08 15" PINE 8.5'
- 29+04 FENCE SPLIT 9.9'
- 29+02 BUSH 35.4'
- 28+97 9" PINE 15.1'
- 28+95 15" PINE 43.9'
- 28+93 9" PINE 9.5'
- 28+85 BUSH 28.7'
- 28+83 ORN PINE 19.9'
- 28+83 BUSH 15.9'
- 28+80 42" CHERRY 12.0'
- 28+70 ORN MAPLE 25.9'
- 28+68 BUSH 13.0'
- 28+61 BUSH 26.5'
- 28+60 BUSH 19.6'
- 28+60 BUSH 13.2'
- 28+33 ORN PINE 23.8'
- 28+33 BUSH 18.0'
- 28+33 TWIN 18" OAK 17.8'
- 28+33 BUSH 15.9'
- 28+33 TELE BOX 13.0'
- 28+33 POWER POLE 12.3'
- 28+33 TELE BOX 11.5'
- 28+33 POWER POLE 11.7'
- 28+29 BUSH 11.7'
- 28+27 BUSH 17.8'
- 28+24 GUY WIRE 11.5'
- 28+22 BUSH 19.8'
- 28+20 BUSH 25.7'
- 28+13 BUSH 29.4'
- 28+09 30" PINE 40.3'
- 28+08 BUSH 31.9'
- 28+02 21" PINE 34.5'
- 27+95 BUSH 11.8'
- 27+92 POWER POLE 10.2'
- 27+92 BUSH 11.1'
- 27+85 BUSH 11.3'
- 27+81 BUILDING 18.7'
- 27+81 36" OAK 11.0'
- 27+73 BUILDING 18.3'
- 27+72 BUILDING SHED 26.4'
- 27+67 BUILDING 52.8'
- 27+42 BUILDING 67.1'
- 26+91 ORN" PINE 20.3'
- 26+90 WATER VALVE 13.9'
- 26+90 TELE BOX 11.0'
- 26+90 BUSH 16.3'
- 26+90 TELE BOX 10.0'
- 26+88 POWER POLE 9.4'
- 26+87 BUSH 18.0'
- 26+87 30" OAK 22.1'
- 26+86 BUSH 14.5'
- 26+27 FENCE RAIL 25.7'
- 25+98 FENCE RAIL 22.8'
- 25+66 36" MAPLE 19.3'
- 25+65 FENCE SPLIT 20.0'
- 25+64 FENCE RAIL 9.4'
- 25+55 FENCE RAIL 28.7'
- 25+43 FENCE SPLIT 14.5'
- 25+35 24" OAK 8.2'

*BOLD INDICATES TREE REMOVALS AND FENCE RELOCATIONS

**Board of County Road Commissioners
Of Allegan County**

1308 LINCOLN ROAD
ALLEGAN, MICHIGAN 49010-9762

TELEPHONE (269) 673-2184 www.alleganroads.org FAX (269) 673-5922

**DUGOUT ROAD & RIVERSIDE DRIVE
REHABILITATION PROJECT**

WEST OF 66TH STREET
SAUGATUCK TOWNSHIP

RIVERSIDE DRIVE PLAN - STA. P.O.B. TO P.O.E.

DRAWN BY: J.S.E.
REVIEWED BY: R.P.B.
DATE: APR., 2021
SCALE: 1" = 100'

5 OF 5

STANDARD SPECIFICATIONS

The Standard Specifications for Construction of the Michigan Department of Transportation, 2012 Edition will apply. Nothing herein will be construed to create any obligation or duty on the part of the Board of County Road Commissioners of Allegan 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 quantity for all pay items will not exceed more than 5% of the plan quantity unless the contractor has received a written work order from the Allegan County Road Commission. Amounts in excess of the plan quantity will not be considered for payment unless the increase was directed by the Engineer or an error in calculations is proven.

CLEARING: The contractor will remove all trees and brush that are marked within the clearing limits on the plans, unless instructed otherwise by the Engineer. This will also include removing all dead trees within the road right-of-way. Trees will remain the property of the adjacent landowner if they want them. If not, the contractor will dispose of them. The contractor will dispose of all stumps. The contractor will grind stumps as necessary to avoid disturbing underground facilities. The tree and stump removal will be done in accordance with Section 201 & 202 of the 2012 Standard Specifications for Construction.

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

METHOD OF PAYMENT FOR CLEARING: The item of "Clearing" will be paid for as a lump sum. No tree count is provided. It is the contractor's responsibility to inspect the site and verify accuracy of trees, stumps, and brush shown on the plans. No change in payment will be made for variances. Clearing stakes have been set. Direct any questions to the Allegan County Road Commission.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Clearing	Lump Sum

STATION GRADING: The item of "Station Grading" will include all culvert removal, fence removal, fence relocation regardless of fence type, rock excavation, saw cutting, concrete removal, HMA removal, trenching, stripping topsoil, ditching as shown on the cross section, disposal of removed material, and grading the existing gravel surface prior to placing HMA Millings. The contractor will trench and strip topsoil as shown on the project typical section sheet.

METHOD OF PAYMENT FOR STATION GRADING: The item of "Station Grading" will be paid for as a lump sum.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Station Grading	Lump Sum

TOPSOIL SURFACE, FURN, LM: Furnish topsoil as necessary where trees, stumps, and brush are removed. The item includes furnishing topsoil, placing, shaping, and raking prior to seeding.

METHOD OF PAYMENT FOR TOPSOIL SURFACE, FURN, LM: The item of "Topsoil Surface, Furn, LM" will be paid for by the cubic yard, loose measure.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Topsoil Surface, Furn, LM	Cubic Yard

HMA MILLINGS SURFACE CSE: The item of "HMA Millings Surface Cse" will include all labor, material and equipment to place, and compact the HMA millings. Grade and scarify the existing gravel surface prior to placing HMA millings, included in station grading.

The HMA millings material must approximate 22A gradation specifications, or be approved by the Engineer.

Section 302 of the Standard Specifications for Construction will apply

METHOD OF PAYMENT FOR HMA MILLINGS SURFACE CSE: The item of "HMA Millings Surface Cse" will be paid for by the cubic yard, loose measure.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
HMA Millings Surface Cse	Cubic Yard

RIPRAP, PLAIN: The item of "Riprap, Plain" will include all labor, equipment, and material to place the Riprap as instructed by the engineer.

Section 813 of the Standard Specifications for Construction will apply to this item.

The Riprap will be placed over Geotextile Fabric, included in this item.

METHOD OF PAYMENT FOR RIPRAP, PLAIN: The item of "Riprap, Plain" will be paid for by the square yard.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Riprap, Plain	Square Yard

SLOPE RESTORATION, TYPE A: The item of "Slope Restoration, Type A" will include all labor, material and equipment required to do the restoration. Restoration will consist of placing Seeding, Mixture TUF (220#/acre); Seeding, Fertilizer, Chemical Nutrient, CI A (176#/acre); Mulch (2 ton/acre); and Mulch Anchoring. Place Mulch and Mulch Anchoring within one calendar day after seeding.

Section 816 of the Standard Specifications for Construction will apply. The following is an approximate list of restoration material quantities:

<u>MATERIAL</u>	<u>QUANTITY</u>
Seeding, Mixture TUF	180 Lb
Fertilizer, Chemical Nutrient, CI A	140 Lb (Nutrients)
Mulch	1.6 Ton
Mulch Anchoring	Per manufactures recommendation

METHOD OF PAYMENT FOR SLOPE RESTORATION, TYPE A: The item of "Slope Restoration, Type A" will be paid for by the square yard measured in place.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Slope Restoration, Type A	Square Yard

SLOPE RESTORATION, TYPE C: The item of "Slope Restoration, Type C" will include all labor, material and equipment required to do the restoration. Restoration will consist of placing Seeding, Mixture TUF (400#/acre); Seeding, Fertilizer, Chemical Nutrient, CI A (228#/acre); and High Velocity Mulch Blanket. Place High Velocity Mulch Blanket and Anchoring within one calendar day after seeding.

Section 816 of the Standard Specifications for Construction will apply. The material for Mulch Blanket will meet the specifications set on page 853 (Section 917.15) of the 2012 MDOT Standard Specifications for Construction. The following is an approximate list of restoration material quantities:

<u>MATERIAL</u>	<u>QUANTITY</u>
Seeding, Mixture TUF	80 Lb
Fertilizer, Chemical Nutrient, CI A	50 Lb (Nutrients)
High Velocity Mulch Blanket	1,000 Syd
Mulch Blanket Anchoring	Per manufactures recommendation

METHOD OF PAYMENT FOR SLOPE RESTORATION, TYPE C: The item of "Slope Restoration, Type C" will be paid for by the square yard measured in place.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Slope Restoration, Type C	Square Yard

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 will 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 and spillways, and fixing erosion on site.

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	Lump Sum

SIGN, TYPE B, TEMP, MODIFIED: The item of "Sign, Type B, Temp, Modified" will include supplying all materials, equipment and labor required to erect and maintain construction signs as designated by the Engineer. Materials and placement will conform to the MDOT Standard Specifications for Construction and the Michigan Manual of Uniform Traffic Control Devices. Signs will be placed as instructed by the Engineer. All "CONSTRUCTION AHEAD" and "ROAD CLOSED AHEAD" signs will be 48" x 48" mounted on two posts with one steady burn light. Place "CONSTRUCTION AHEAD" signs on all public roads approaching the project limits. Also, place "ROAD CLOSED AHEAD" signs at each end of the project limits if applicable. (Steady burn light and posts are included in the Sign, Type B, Temp, Modified item).

METHOD OF PAYMENT FOR SIGN, TYPE B, TEMP, MODIFIED: The item of "Sign, Type B, Temp, Modified" will be paid for by the square foot of sign face.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Sign, Type B, Temp, Modified	Square Foot

PLASTIC DRUM, HIGH INTENSITY, LTD, MODIFIED: The item of "Plastic Drum, High Intensity, Ltd, Modified" will include all labor, equipment and material to furnish, set up, move and maintain the drums as required by the Engineer. Drums will be equipped with one light.

Section 812 of the Standard Specifications for Construction will apply.

METHOD OF PAYMENT FOR PLASTIC DRUM, HIGH INTENSITY, LTD, MODIFIED: The item of "Plastic Drum, High Intensity, Ltd, Modified" will be paid for by the individual unit.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Plastic Drum, High Intensity, Ltd, Modified	Each

BARRICADE ,TYPE III, HIGH INTENSITY, DOUBLE SIDED, LTD, MODIFIED: The item of “Barricade, Type III, High Intensity, Double Sided, Ltd, Modified” will include all labor, equipment and material to furnish, set up, move and maintain the barricades.

The Contractor will furnish and maintain Barricades, Type III with three lights and an R-11-4 Sign (ROAD CLOSED TO THRU TRAFFIC) mounted above the barricade. The R-11-4 sign will comply with and be paid as “Sign, Type B, Temp, Modified”.

Section 812 of the Standard Specifications for Construction will apply.

METHOD OF PAYMENT FOR BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED, LTD, MODIFIED: The item of “Barricade, Type III, Double Sided, Ltd, Modified” will be paid for as individual units.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Barricade, Type III, High Intensity, Double Sided, Ltd, Modified	Each

PROJECT CLEANUP: The item of “Project Cleanup” will include all labor, material and equipment to pick up stone, sticks, branches, roots and other debris from the project.

This item will also include moving all mailboxes to a temporary location to be approved by the mail carrier and to reset the boxes permanently on the project. If new boxes or posts are required, they will be supplied by the Road Commission. Project Cleanup also includes placing a 1” x 3” with the respective property address written on it in the front yard of each residence to assist with identification for emergency vehicles.

METHOD OF PAYMENT FOR PROJECT CLEANUP: The item of “Project Cleanup” will be paid for as a lump sum.

<u>PAY ITEM</u>	<u>PAY UNIT</u>
Project Cleanup	Lump Sum

ALLEGAN COUNTY ROAD COMMISSION
ALLEGAN, 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 Allegan 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 a part 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 Contractor's ability, and give it all attention necessary for such proper supervision and direction. Contractor will notify the Road Commission of any anticipated pay item overruns or extras as soon as possible to allow for approval or design changes.

B. Discipline and Employment. Contractor will maintain at all times 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 project in accordance with 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 the 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 (CON'T):

F. 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.

G. Responsibility for Safety. Unless otherwise stated herein, at Contractor's expense, Contractor will take all necessary precautions (including, without limitation, the furnishing of traffic control, barricades, traffic control devices, flaggers, warning lights, signs, warning signs, safety channels, channelization devices, guards, fences, walks, flags, cables and lights) for the safety of, and the prevention of injury, loss and damage to, persons and property (including, without limitation, in the 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.

H. 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 limitation, 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 Allegan County, its officers, employees, representatives and agents from and against any and all claims, damages, demands, payments, suits, actions, recoveries, judgements, losses and expenses, including attorney fees, interest, and court costs, which are made, brought or recovered against the Board of County Road Commissioners of Allegan County, arising out of or resulting from performance of the Contractor's work under this Contract, provided that such claims, damages, losses, 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 the 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 Allegan County, for any damage or injuries caused by or resulting from the sole negligence of the Board of County Road Commissioners of Allegan 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-subcontractors, 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 or type of damages, compensation or benefits payable by or for the Contractor or the Contractor's subcontractors under workers' 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 until the completion of the work, workers' 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 Road Commissioners of Allegan County will be named as an additional insured on each of these policies except for worker's compensation.

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) \$ 500,000 each occurrence

b. Property damage

(1) \$ 500,000 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 this Agreement at the Contractor's sole expense and with insurance companies acceptable to the Board of County Road Commissioners of Allegan County.

All insurance policies will contain a provision that the coverage afforded thereunder 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 and 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 Allegan 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 Allegan County will be filed with the Board of County Road Commissioners of Allegan County prior to the commencement of the Contractor's work.

In the event that the Contractor fails to obtain or maintain any insurance coverage required under this Agreement, the Board of County Road Commissioners of Allegan County may:

1. Purchase such coverage and charge the expense thereof to the Contractor, and
2. Withhold from any payment due or to become due to the Contractor an amount sufficient to protect the Board of County Road Commissioners of Allegan County from such claims, damages, demands, payments, suits, actions, recoveries, judgments, losses and expenses, including attorney fees, interest and court costs, and
3. Terminate this agreement.

Nothing contained in this Agreement, nor the Board of County Road Commissioners of Allegan 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 Allegan 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.

PROSECUTION 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 prosecute 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 plan and equipment as in its judgment is reasonable, and for such time as the plant and equipment are in service.

ESTIMATED QUANTITIES

The quantities listed in the proposal are the estimated quantities. Increases or decreases in quantities will not be considered as a basis for adjustment in unit prices and Articles 109.03 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 will have filed with the Board of County Road Commissioners the consent of the Surety of the payment of the final estimate and satisfactory 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 of any amount due said contractor sums sufficient to cover all lienable claims unpaid.

AFFIRMATIVE ACTION POLICY (EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER)

The Allegan 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.

CONTRACT BONDS

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

Bonds will not be required for contracts of less than \$5,000.00.

M.D.O.T. – PREQUALIFICATION

Contractors bidding on this work must be pre-qualified by the Michigan Department of Transportation to do similar work on State or Federal-aid Secondary projects.

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 49,999	75
50,000 to 99,999	150
100,000 to 499,999	450
500,000 to 999,999	900
1,000,000 to 1,999,999	1,300
2,000,000 to 4,999,999	1,550
5,000,000 to 9,999,999	2,650
10,000,000 and above	3,000

The liquidated damages may be waived if the contractor meets the requirements set forth in Section 108.07 of the 2012 Standard Specifications for Construction. Approval of the Engineer is required.

A Contractor's Guide to

STORM WATER POLLUTION PREVENTION



Our Watershed, Our Responsibility

- A watershed is an area of land that catches rain and snow melt and drains into a river, lake, stream, or wetland. There are several major watersheds in Allegan County including the Kalamazoo River Watershed and the Macatawa Watershed.
- As citizens and contractors living and working in Allegan County, it is your duty to ensure that the surface waters of the community are kept clean and healthy.

Where Do Storm Drains Go?

- Storm drains, catch basins, and ditches are directly connected to local waterways.
- This direct connection means that whatever enters the storm drain eventually enters a river, lake, stream or wetland.
- When fertilizer, yard waste, sediment, or other contaminants enter a storm drain, it has adverse effects on local waterways.



Eliminating Illicit Discharges

- An illicit discharge is the discharge of pollutants to storm sewer systems via overland flow or direct dumping into catch basins.

- Illicit discharges are illegal! Reporting them can help eliminate the problem and keep our rivers and streams clean.

Report an illicit discharge to the Pollution Emergency Alerting System (PEAS) at (800) 292-5706 or to the Allegan County Road Commission at (269) 673-2184.

Practicing Healthy Land Care

- Use a fertilizer that is organic slow-release with low or no phosphorus. Phosphorus is the main cause of algae growth in streams, which depletes the oxygen aquatic organisms need to survive.
- Get your soil tested through your county Michigan State University Extension office. This will tell you what fertilizer you should use, if any.
- Don't dump leaves or grass clippings down the drain or blow them into the street! Decaying leaves also deplete the oxygen in streams. They can be used as mulch, or they can be disposed of by curbside pick-up.

Maintaining Your Fleet

- Leaky vehicles and construction machinery can easily cause stream contamination by tracking fluids and other pollutants off site, eventually draining into a catch basin
- You can prevent vehicle fluids from entering local bodies of water by ensuring that your vehicles and equipment are properly maintained and in good working condition.
- Proper disposal of chemicals and other waste is critical to the health of streams and rivers. Solid and liquid waste materials are not meant to be dumped in catch basins. Remember that catch basins are made for storm water only!



- Manage riparian land wisely! Leaving a buffer zone of 20 feet between lawns and streams prevents stream bank erosion, stops pollutants from reaching the stream, and creates a habitat for local wildlife.

Managing Streets and Parking Lots

- Storm water runoff from streets and parking lots is a main cause of pollution because the storm water takes sediment and other solids with it into catch basins.
- The runoff from these impervious surfaces entering streams contains total suspended solids (TSS).
- Suspended solids make water in streams cloudy, which inhibits aquatic plant growth. This in turn affects the health of aquatic organisms that require oxygen from the aquatic plants.
- You can prevent this by keeping roads clean near the construction site and have a designated disposal area for cigarette butts and other small debris that can make its way into a catch basin.



Allegan County Road
Commission
1308 Lincoln Road
Allegan, MI 49010
(269) 673-2184 phone
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BID TABULATION - Wednesday, April 28, 2021
 Allegan County Road Commission
 1308 Lincoln Road
 Allegan, Michigan 49010-9762

PROJECT NO. 4064 – 0.87 miles of road rehabilitation including clearing, station grading, HMA millings surface course, and restoration on
 Dugout Road & Riverside Drive, west of 66th Street in Saugatuck Township, Allegan County.

ITEM OF WORK	QUANTITY	UNIT									PRELIMINARY ENGINEER'S ESTIMATE	
			UNIT PRICE BID	AMOUNT	UNIT PRICE BID	AMOUNT	UNIT PRICE BID	AMOUNT	UNIT PRICE BID	AMOUNT	UNIT PRICE BID	AMOUNT
Clearing	1	LS		\$0.00		\$0.00		\$0.00		\$0.00	\$80,000.00	\$80,000.00
Station Grading	1	LS		0.00		0.00		0.00		0.00	35,000.00	35,000.00
Topsoil Surface, Furn, LM	100	Cyd		0.00		0.00		0.00		0.00	20.00	2,000.00
HMA Millings Surface Cse	1,400	Cyd		0.00		0.00		0.00		0.00	35.00	49,000.00
Riprap, Plain	20	Syd		0.00		0.00		0.00		0.00	70.00	1,400.00
Slope Restoration, Type A	4,000	Syd		0.00		0.00		0.00		0.00	2.00	8,000.00
Slope Restoration, Type C	1,000	Syd		0.00		0.00		0.00		0.00	3.00	3,000.00
Extended Restoration	1	LS		0.00		0.00		0.00		0.00	500.00	500.00
Sign, Type B, Temp, Modified	77	Sft		0.00		0.00		0.00		0.00	10.00	770.00
Plastic Drum, High Intensity, Lighted, Modified	20	Ea		0.00		0.00		0.00		0.00	25.00	500.00
Barricade Type III, High Intensity, Dbl Sided, Ltd, Modified	2	Ea		0.00		0.00		0.00		0.00	250.00	500.00
Project Cleanup	1	LS		0.00		0.00		0.00		0.00	1,000.00	1,000.00
			TOTAL BID	\$0.00	TOTAL BID	\$0.00	TOTAL BID	\$0.00	TOTAL BID	\$0.00	TOTAL BID	\$181,670.00