

Department of Engineering
Tim Bryan, P.E., County Engineer

3137 South Liberty Street, Canton, MS 39046
Office (601) 790-2525 FAX (601) 859-3430

MEMORANDUM

August 3, 2023

To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
Karl Banks, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E., PTOE
County Engineer

Re: Request for Payment
Project: STP-6984-00(001) LPA-Catlett Road Improvement Project
Parcel: 002-00-00-W/002-00-00-T

The Engineering Department recommends that the Board accept the invoice for \$27,700.00 for the acquisition of right of way for Catlett Road Improvement Project from James D. & Peggy J. McGivney and to authorize the Comptroller to issue the check.

Check payment to:

Payee: James D. & Peggy J. McGivney
354 Catlett Road
Madison, MS 39110

SHEILA JONES
District One

TREY BAXTER
District Two

GERALD STEEN
District Three

KARL BANKS
District Four

PAUL GRIFFIN
District Five

Integrated Right of Way
P. O. Box 3066
Madison, MS 39130
Phone: 601-790-0443



Right of Way Acquisition Closing Statement

Name:	<u>James D. & Peggy J. McGivney</u>	Date:	<u>August 3, 2023</u>
Address:	<u>354 Catlett Road</u> <u>Madison, MS 39110</u>	Project:	<u>STP-6984-00(001) LPA</u>
		County:	<u>Madison County, MS</u>
		ROW Parcels:	<u>002-00-00-W/002-00-00-T</u>

002-00-00-W Payment:	\$16,500.00
002-00-00-T Payment:	\$300.00
Administrative Adjustment:	\$10,900.00
Total Payment Due:	\$27,700.00

Included Herein:

- Properly Executed W-9
- Properly Executed Warranty Deed and Temporary Construction Easement
- Initialized Fair Market Value Offer
- Approved Administrative Adjustment
- Satellite Map of Acquisition Area

1. *All considerations agreed on by the above-named Owner(s) and the Right of Way Agent signing this statement are embodied in the instrument of conveyance, there being no oral agreements or representations of any kind.*
2. *The considerations embodied in this instrument of conveyance on the abovementioned project and parcel number were reached without coercion, promises other than those shown in the agreement, or threats of any kind whatsoever by or to either party whose name appears on this instrument.*
3. *The undersigned Right of Way Agent has no direct or indirect, present or contemplated future personal interest in the abovementioned parcels nor will in any way benefit from the acquisition of such property.*

A handwritten signature in blue ink, appearing to read 'G. Thompson', is written over a horizontal line.

Greg M. Thompson
Lead Acquisitions Agent



**Providing Professional Right of Way Acquisition
& Consultation Services**

This map contains an estimate of the acquisition area and the subject property's boundary lines

IROW

Acquisition Area
0.41 acres

TCE
0.029 acres

Larger Parcel

Owner: James D. McGivney and Peggy J. McGivney
Parcel No: 002-00-00-W; -T
Project No: STP-6984-00(001)
County: Madison

Am JDM

G R I D 0' 100' 200' 300'



- LEGEND**
- ☒ Found R.O.W. Monument
 - Found Rebar
 - Set #5 Rebar with Cap
 - (R) Record
 - (S) Survey
 - Right of Way Line
 - Property Line
 - - - Parcel Line

General Notes
 Property is situated in the SE 1/4 of SW 1/4 of Section 18, Township 8 North, Range 2 East, Madison County, Mississippi.

Horizontal datum shown on this drawing is based on the Mississippi State Plane Coordinate System, West Zone (NAD 83)(2011) epoch 2010.00. Coordinate data was derived from the Gulf Coast Geospatial Center virtual network managed by USM - Station Name/ID Jackson/RTCM0015. "Check shots" to known NGS marks were observed for verification. The values for the Jackson Station are as follows:
 Latitude N 32° 19' 37.38128"
 Longitude W 090° 10' 52.77645"
 Ellipsoid Height 87.829 (m)

Station and Offset Datum based on Proposed Plans provided by Neel-Schaffer, Inc.

The Point of Commencement is a Found 1.5" Iron Rod Located at the Northeast Corner of Section 19, Township 8 North, Range 2 East Madison County, Mississippi
 N:1102702.39 E:2361309.58
 Scale Factor: 0.99995480
 Convergence: 00° 06' 46"

Point of Beginning (002-00-00-W)

Set #5 Rebar w/cap
 N:1,103,893.61 E:2,357,695.37
 Being Located N71°45'29"W for 3,805.46 feet from the Point of Commencement (see General Notes).

Vaughan Randall A & Caroline Q
 Book 3613, Page 103
 S89°29'06"W(S)
 S89°40'00"W(R)

McGivney James D & Peggy J
 Book 396, Page 518
 082D-18-033-00.00
 354 Catlett Road

Point of Beginning (002-00-00-T)

Set #5 Rebar w/cap
 N:1,103,574.83 E:2,357,897.28
 Being Located N75°39'29"W for 3,522.07 feet from the Point of Commencement (see General Notes).

002-00-00-T
 Proposed Temporary Construction Easement
 1,271 Sq. Ft.

Remaining 10.40 Acres ± per deed

CURVE TABLE(S)					
CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	602.00'	530.52'	513.52'	S 46°48'17" E	50°29'34"
C2	601.62'	543.24'	524.97'	N 46°23'33" W	51°44'08"
C3	582.00'	62.48'	62.45'	S 52°51'40" E	6°09'05"
C4	601.98'	64.63'	64.60'	N 52°51'40" W	6°09'06"

LINE TABLE(S)					
LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
L1	S 20°55'57" E	85.95'	L5	N 20°51'42" W	95.91'
L2	S 70°34'28" E	115.44'	L6	N 89°29'06" E	23.17'
L3	S 00°08'28" W	20.38'	L7	N 40°12'53" E	20.00'
L4	N 72°31'48" W	128.73'	L8	S 34°03'48" W	20.00'

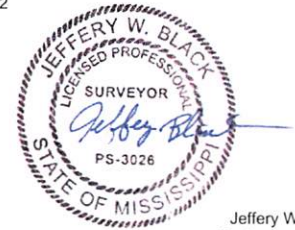
Certification

This Map or plat and the survey upon which it is based, meets, or exceeds the Standards of Practice for Surveying as defined in Rule 21.0 of the Mississippi Board of Licensure for Professional Engineers and Surveyors Rules and Regulations of Procedure dated August 1, 2017 for a Class B Survey.

This map or plat is not valid without the original seal and signature of the responsible Professional Land Surveyor.

Date of Field Surveys: May 10th, 2022

Date of plat or map: May 12th, 2022



Jeffery W. Black, PS
 Professional Surveyor
 State Of Mississippi No.: PS3026

MAPTECH, INC.
 Surveying • Mapping • Remote Sensing

3181 GREENFIELD ROAD JACKSON, MISSISSIPPI 39208-8706
 PHONE (601) 664-1666 MAPTECH-SURVEY.COM

Plat of Survey
 for
 Proposed Catlett Road Improvements
 Project No. STP-6984-00(001)LPA
 002-00-00-W/T

DRAWING No.: NS15829.dwg	JOB No.: NS.15829.000
DRAWN BY: D.J. Woodard	CHECKED BY: J.W. Black
SCALE: 1"=100'	DATE: 12 May 2022
	SHEET 2

Reference Documents used in preparation of this plat

- Deedbook 396, Page 518
- Deedbook 3613, Page 103
- Deedbook 459, Page 369

ROW 005 A (Revised 3/2011)

Grantee, prepared by and return to:

Madison County Board of Supervisors

125 West North Street

P.O. Box 608

Canton, MS 39046

Phone: 601-790-2590

Grantor Address:

James D. & Peggy J. McGivney

354 Catlett Road

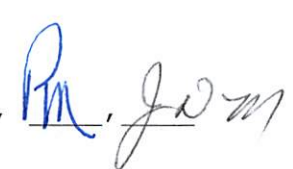
Madison, MS 39110

Phone: 601-856-7820

WARRANTY DEED

INDEXING INSTRUCTIONS:

354 Catlett Road, and the SE 1/4 of SW 1/4 of
Section 18, Township 8 North, Range 2 East,
Madison County, Mississippi.

Initial _____, 

McGivney James D & Peggy J
STP-6984-00(001)LPA
002-00-00-W

STATE OF MISSISSIPPI
COUNTY OF MADISON

For and in consideration of Twenty Seven Thousand Four Hundred and NO/100 Dollars (\$27,400.00) the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, hereby grant, bargain, sell, convey and warrant unto the Madison County Board of Supervisors the following described land:

The following description is based on the Mississippi State Plane Coordinate System, West Zone, NAD 83 (2011) epoch 2010.00, grid values, U. S. Survey feet, using a scale factor of 0.99995480 and a grid to geodetic azimuth angle of (+) 00 degrees 06 minutes 46 seconds developed at the below described commencing point used for Project Number STP-6984-00(001) LPA. It is the intent of this description to convey that portion of the grantors property that lies with the proposed right-of-way as defined by said project:

Commencing at a found 1.5" Iron Rod located at the Northeast corner of Section 19, Township 8 North, Range 2 East, Madison County, Mississippi, having a coordinate value of N 1,102,702.39, E 2,361,309.58, on the above reference coordinate system, thence run North 71 degrees 45 minutes 29 seconds West for a distance of 3,805.46 feet to a #5 rebar with plastic cap located at the intersection of the proposed East right-of-way line of Catlett Road and the existing North property line of that certain parcel recorded in Book 396, Page 518, records of the Office of Chancery Clerk, Madison County, Mississippi, being 50.70 feet right of and perpendicular to proposed Catlett Road alignment at project centerline station 37+62.83, having a coordinate value of N 1,103,893.61, E 2,357,695.37, on the above reference coordinate system, and being referred to hereinafter as the **Point of Beginning**;

From the **Point of Beginning** thence run, South 20 degrees 55 minutes 57 seconds East for a distance of 85.95 feet to a #5 rebar with plastic cap;

thence continue along the arc of a curve to the left having an arc length of 530.52 feet, a radius of 602.00 feet, a chord bearing of South 46 degrees 48 minutes 17 seconds East, and a chord distance of 513.52 feet to a #5 rebar with plastic cap;

Initial  _____

McGivney James D & Peggy J
STP-6984-00(001) LPA
002-00-00-W

thence run, South 70 degrees 34 minutes 28 seconds East for a distance of 115.44 feet to a #5 rebar with plastic cap located at the intersection of the said parcels' east property line and the proposed East right-of-way line of Catlett Road;

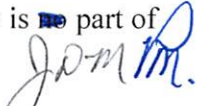
thence along said east property line run, South 00 degrees 08 minutes 28 seconds West for a distance of 20.38 feet to a #5 rebar with plastic cap located at the intersection of said east property line and the existing right-of-way line of Catlett Road;

thence along said existing right-of-way line run, North 72 degrees 31 minutes 48 seconds West for a distance of 128.73 feet to a found concrete marker;

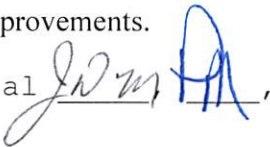
thence continue along said existing right-of-way line being the arc of a curve to the right having an arc length of 543.24 feet, a radius of 601.62 feet, a chord bearing of North 46 degrees 23 minutes 33 seconds West, and a chord distance of 524.97 feet to a found concrete marker;

thence continue along said existing right-of-way line run, North 20 degrees 51 minutes 42 seconds West for a distance of 95.91 feet to a #5 rebar with plastic cap located at the intersection of said existing right-of-way line and said north property line;

thence leaving said existing right-of-way line and along said north property line run, North 89 degrees 29 minutes 06 seconds East for a distance of 23.17 feet back to the **Point of Beginning**, containing 0.41 acre (17643 square feet), more or less, and located in the Southeast Quarter of Southwest Quarter of Section 18, Township 8 North, Range 2 East, Madison County, Mississippi.

The grantor herein further warrants that the above described property is ~~no~~ part of their homestead. 

This conveyance includes all improvements located on the above described land and partially on Grantor's remaining land, if any. The Grantee herein, its Agents, and/or Assigns are hereby granted the right of Ingress and Egress on Grantor's remaining land for removing or demolishing said improvements. The consideration herein named is in full payment of all said improvements.

Initial  _____

McGivney James D & Peggy J
STP-6984-00(001) LPA
002-00-00-W

It is understood and agreed that the consideration herein named is in full payment and settlement of any and all damage and compensation which would be allowable under a decree were it rendered by the Court and jury in an Eminent Domain proceeding under the provision of the applicable laws and statutes of the State of Mississippi.

It is further understood and agreed that this instrument constitutes the entire agreement between the grantor and the grantee, there being no oral agreements or representations of any kind.

Initial James D. McGivney _____

McGivney James D & Peggy J
STP-6984-00(001)LPA
002-00-00-W

Witness my signature this the 2nd day of August A.D. 2023.

Signature James D. McGivney
James D. McGivney

STATE OF MISSISSIPPI

COUNTY OF MADISON

Personally appeared before me, the undersigned authority in and for the said county and state, on this 2nd day of August, 2023, within my jurisdiction, the within named James D. McGivney, an individual, who acknowledged that he executed the above and foregoing instrument.

[Signature] (NOTARY PUBLIC)

(SEAL)

My commission expires: _____



Initial J.D.M.

McGivney James D & Peggy J
STP-6984-00(001)LPA
002-00-00-W

Witness my signature this the 2nd day of August A.D. 2023.

Signature Peggy J. McGivney
Peggy J. McGivney

STATE OF MISSISSIPPI

COUNTY OF MADISON

Personally appeared before me, the undersigned authority in and for the said county and state, on this 2nd day of August, 2023, within my jurisdiction, the within named Peggy J. McGivney, an individual, who acknowledged that she executed the above and foregoing instrument.

[Signature] (NOTARY PUBLIC)

(SEAL)

My commission expires: _____



Initial J.D. & P.J.

McGivney James D & Peggy J
STP-6984-00(001)LPA
002-00-00-W

ROW 005 A (Revised 3/2011)

Grantee, prepared by and return to:	Grantor Address:
Madison County Board of Supervisors	James D. & Peggy J. McGivney
125 West North Street	354 Catlett Road
P.O. Box 608	Madison, MS 39110
Canton, MS 39046	
Phone: 601-790-2590	Phone: 601-856-7820

TEMPORARY EASEMENT

INDEXING INSTRUCTIONS: 354 Catlett Road, and the SE 1/4 of SW 1/4 of Section 18, Township 8 North, Range 2 East, Madison County, Mississippi.

Initial James D. McGivney, Peggy J. McGivney

McGivney James D & Peggy J
STP-6984-00(001)LPA
002-00-00-T

STATE OF MISSISSIPPI

COUNTY OF MADISON

For and in consideration of Three Hundred and NO/100 Dollars (\$300.00) the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, hereby grant, bargain, sell, convey and warrant unto the Madison County Board of Supervisors the following described land:

The following description is based on the Mississippi State Plane Coordinate System, West Zone, NAD 83 (2011) epoch 2010.00, grid values, U. S. Survey feet, using a scale factor of 0.99995480 and a grid to geodetic azimuth angle of (+) 00 degrees 06 minutes 46.58 seconds developed at the below described commencing point used for Project Number STP-6984-00(001) LPA. It is the intent of this description to convey that portion of the grantors property that lies with the proposed right-of-way as defined by said project:

Commencing at a found 1.5" rebar located at the Northeast corner of Section 19, Township 8 North, Range 2 East, Madison County, Mississippi, having a coordinate value of N 1102702.39, E 2361309.58, on the above reference coordinate system, thence run North 75 degrees 39 minutes 29 seconds West for a distance of 3522.07 feet to a #5 rebar with plastic cap located on the proposed East right-of-way line of Catlett Road and in that certain parcel recorded in Book 396, Page 518, records of the Office of Chancery Clerk, Madison County, Mississippi, being 50.00 feet right of and perpendicular to proposed Catlett Road alignment at project centerline station 33+55.00, having a coordinate value of N 1103574.83, E 2357897.28, on the above reference coordinate system, and being referred to hereinafter as the **Point of Beginning**;

From the **Point of Beginning** thence run, North 40 degrees 12 minutes 53 seconds East for a distance of 20.00 feet to a #5 rebar with plastic cap;

thence continue along the arc of a curve to the left having an arc length of 62.48 feet, a radius of 582.00 feet, a chord bearing of South 52 degrees 51 minutes 40 seconds East, and a chord distance of 62.45 feet to a #5 rebar with plastic cap;

Initial James D. McGivney, Peggy J. McGivney, _____

McGivney James D & Peggy J
STP-6984-00(001) LPA
002-00-00-T

thence run, South 34 degrees 03 minutes 48 seconds West for a distance of 20.00 feet to a #5 rebar with plastic cap located on said proposed East right-of-way line of Catlett Road;

thence along said proposed East right-of-way line of Catlett Road being the arc of a curve to the right having an arc length of 64.63 feet, a radius of 601.98 feet, a chord bearing of North 52 degrees 51 minutes 40 seconds West, and a chord distance of 64.60 feet back to the **Point of Beginning**, containing 1271 square feet, more or less, and located in the Southeast Quarter of Southwest Quarter of Section 18, Township 8 North, Range 2 East, Madison County, Mississippi.

The grantor herein further warrants that the above described property is ~~no~~ part of their homestead.

This conveyance includes all improvements located on the above described land and partially on Grantor's remaining land, if any. The Grantee herein, its Agents, and/or Assigns are hereby granted the right of Ingress and Egress on Grantor's remaining land for removing or demolishing said improvements. The consideration herein named is in full payment of all said improvements.

It is understood and agreed that the consideration herein named is in full payment and settlement of any and all damage and compensation which would be allowable under a decree were it rendered by the Court and jury in an Eminent Domain proceeding under the provision of the applicable laws and statutes of the State of Mississippi.

It is further understood and agreed that this instrument constitutes the entire agreement between the grantor and the grantee, there being no oral agreements or representations of any kind.

Initial JDM, PM, _____

McGivney James D & Peggy J
STP-6984-00(001)LPA
002-00-00-T

Witness my signature this the 2nd day of August A.D. 2023.

Signature James D. McGivney
James D. McGivney

STATE OF MISSISSIPPI

COUNTY OF MADISON

Personally appeared before me, the undersigned authority in and for the said county and state, on this 2nd day of August, 2023, within my jurisdiction, the within named James D. McGivney, an individual, who acknowledged that he executed the above and foregoing instrument.

[Signature] (NOTARY PUBLIC)

(SEAL)

My commission expires: _____



Initial JDM, PM

McGivney James D & Peggy J
STP-6984-00(001)LPA
002-00-00-T

Witness my signature this the 2nd day of August A.D. 2023.

Signature Peggy J. McGivney
Peggy J. McGivney

STATE OF MISSISSIPPI

COUNTY OF MADISON

Personally appeared before me, the undersigned authority in and for the said county and state, on this 2nd day of August, 2023, within my jurisdiction, the within named Peggy J. McGivney, an individual, who acknowledged that she executed the above and foregoing instrument.

[Signature] (NOTARY PUBLIC)

(SEAL)

My commission expires: _____



Initial PM, PM JOM

McGivney James D & Peggy J
STP-6984-00 (001) LPA
002-00-00-T

Integrated Right of Way
P. O. Box 3066
Madison, MS 39130
Phone: 601-790-0443



Fair Market Value Offer

Date: 12/1/22

Name: James D. & Peggy J. McGivney Project: STP-6984-00(001) LPA

Address: 354 Catlett Road County: Madison

Madison, MS 39110 ROW Parcel(S): 002-00-00-W/002-00-00-T

It is necessary that the Madison County Board of Supervisors acquire from you certain property necessary for the construction of this project. The identification of the real property and the particular interests being acquired are indicated on the attached instrument. The value of the real property interests being acquired is based on the fair market value of the property and is not less than the approved appraisal valuation disregarding any decrease or increase in the fair market value caused by the project. This fair market value offer includes all damages and is based on our approved appraisal in the amount of \$16,800.00.

Appraisal Waiver Valuation. This waiver valuation was made based upon recent market data in this area.

This acquisition does not include oil, gas, or mineral rights but includes all other interests.

Unless noted otherwise, this acquisition does not include any items which are considered personal property under Mississippi State Law. Examples of such items are household and office furniture and appliances, machinery, business and farm inventory, etc.

The real property improvement being acquired are:

The following real property and improvements are being acquired but not owned by you N/A

Separately held interest(s) in the real property are not applicable. These interests are not included in the above fair market value offer.


Land (W) Fee Simple Value 0.410 Acres: \$ 13,200.00

Land (T) Temporary Easement Value 0.029 Acres x \$32,000.00 Discounted: \$ 300.00

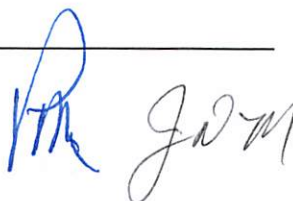
Improvements: \$ 0.00

Damages: \$ 3,300.00

Total Fair Market Value Offer \$ 16,800.00



Right of Way Acquisition Agent





**Providing Professional Right of Way
Acquisition & Consultation Services**

Integrated Right of Way
P. O. Box 3066
Madison MS, 39130
Fax: 601-852-1170
Phone: 601-790-0443



June 14, 2023

To: Madison County Board of Supervisors

RE: Landowner Counteroffer
Catlett Road 2021-2053 – Parcel 002-00-00-W-T
James and Peggy McGivney

Members of the Board:

Please find attached a landowner counteroffer for the above referenced parcel on the Catlett Road 2021-2053 project. On June 14, 2023, iROW called Mr. James McGivney to clarify the information on the written landowner counteroffer attached for clear presentation below.

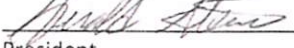
FMVO (12/01/2022):	\$ 13,200.00	(Fee Acquisition Area)
	\$ 300.00	(Temporary Easement)
	<u>\$ 3,300.00</u>	(Damages)
	\$ 16,800.00	(TOTAL)
LO Counteroffer (06/13/2023):	\$ 16,400.00	(Warranty Deed) (0.41 x \$40,000.00/Acre)
	\$ 300.00	(Temp. Easement)
	<u>\$ 11,000.00</u>	(Damages)
	\$ 27,700.00	(TOTAL)
Admin. Adjust. Request (06/13/2023):	\$10,900.00	
LO Counteroffer Total (06/13/2023):	\$27,700.00	(Inclusive of All Acquisition Rights)

Sincerely,

A handwritten signature in black ink, appearing to read 'Greg Thompson', written over a horizontal line.

Greg Thompson,
Lead Acquisitions Agent

After due consideration of the above and attached documents, the Madison County Board of Supervisors has authorized an Administrative Adjustment in the amount of \$ 10,900⁰⁰, for a total offer to purchase all necessary acquisition rights for Catlett Road 2021-2053 Parcel 002 in the amount of \$ 27,700⁰⁰.

Signature: 
President
Madison County Board of Supervisors

Date:

7/17/23

P.M. JOM

JAMES & PEGGY MCGIVNEY
354 CATLETT RD
MADISON

ESTIMATED PROPERTY VALUE

\$40,000.00 PER ACRE

LARGE TREES

\$6,000.00

TREES ALONG ROW TO
BLOCK VIEW OF TRAFFIC
AND HOUSES

\$2,000.00

BARBED WIRE FENCE

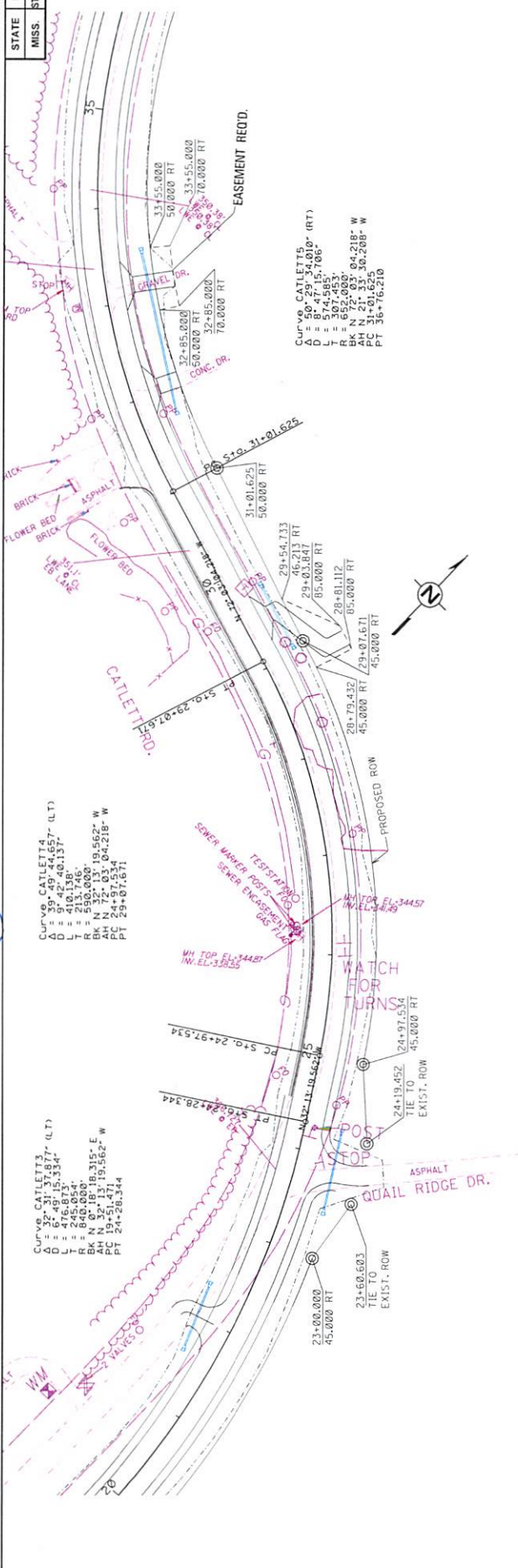
\$3,000.00

TEMPORARY EASEMENT
COULD BE ANYWHERE
NORTH OF MY DRIVEWAY
OR ACROSS CATLETT RD

RM JDM

FMS CON: 108169701000

STATE	PROJECT NO.
MISS.	STP-6884-001/LPA

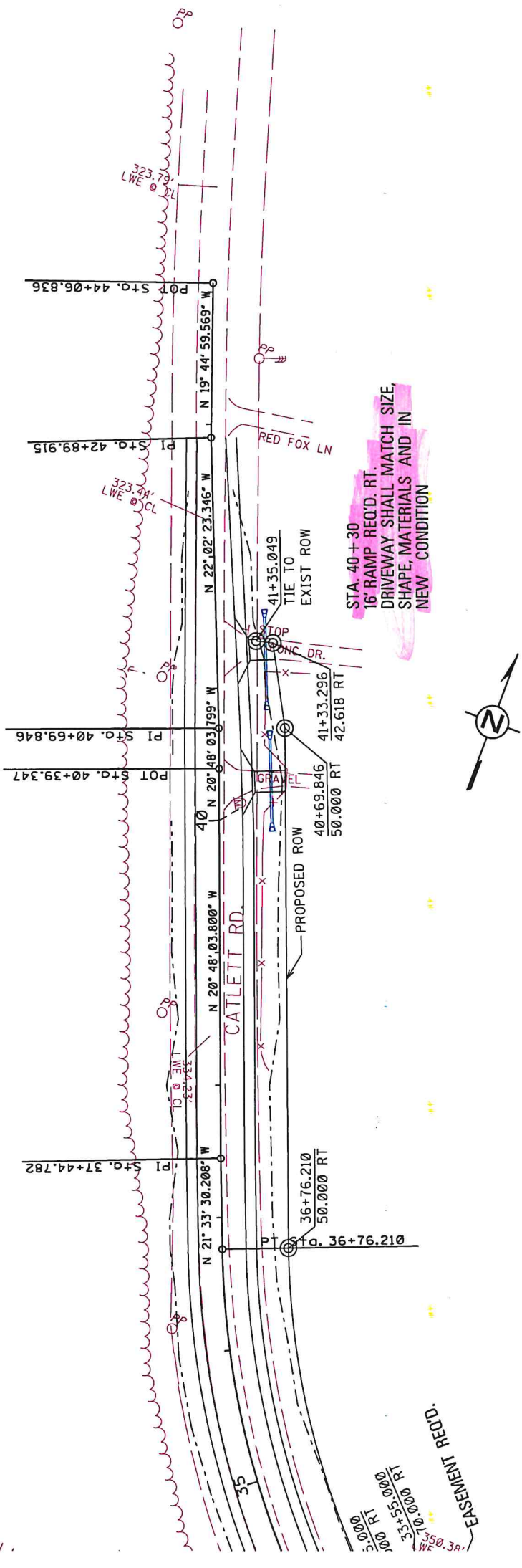


Handwritten signatures and initials: "FM" and "MDF".

Station	Elevation	Notes
335.56	336.81	VPT 20 + 45.000 EL. 336.094
337.30	339.79	STA. 22 + 00 20 RAMP REQD. RT. 66' - 18" CONC PIPE REQD.
338.36	341.33	
339.43	342.87	VPC 21 + 90.000 EL. 342.567
340.75	344.24	
343.00	345.37	STA. 23 + 84 20 RAMP REQD. RT. 80' - 18" CONC PIPE REQD.
347.36	347.47	VPI 24 + 90.000 EL. 351.82 K = 103
347.43	347.39	
347.15	347.06	
346.50	346.49	
345.99	345.68	
344.67	344.63	
342.90	343.34	VPT 27 + 90.000 EL. 343.610
341.40	341.97	
340.22	340.60	
338.58	339.23	
336.90	337.86	
335.77	336.49	
334.57	335.12	STA. 32 + 06 16 RAMP REQD. RT. 162' - 18" CONC PIPE REQD.
333.25	333.76	
332.39	332.39	
331.32	331.02	
329.65	329.65	
327.88	328.28	
326.57	326.82	VPC 33 + 60.000 EL. 328.007
325.08	325.10	
323.10	323.10	VPI 34 + 60.000 EL. 325.27 K = 91

DESIGN TEAM: N-5
 COUNTY: MADISON
 PROJECT NO.: STP-6884-001/LPA
 SHEET ID: 35

STATE	PROJECT NO.
MISS.	STP-6984-00(001)LPA



STATION	ELEVATION	VERTICAL CURVE DATA	PERCENT GRADE	PRELIMINARY NOT FOR CONSTRUCTION	Wk. Sh. 5	Sh. No. \$PG\$
323.10	323.10					
320.67	320.83					
318.20	318.37					
315.78	315.91					
313.36	313.49					
311.23	311.26		4.25%			
309.19	309.24					
307.35	307.44	VP1 38 + 70.000 EL. 305.08 400.000' V.C. K = 117				
305.79	305.86					
304.38	304.48					
303.37	303.33					
302.24	302.38					
301.08	301.61	VP1 40 + 70.000 EL. 302.061				
300.41	300.86					
299.82	300.10					
299.17	299.35					
298.64	298.64					
298.35	298.35					
298.20	298.20					