Andy Beshear
GOVERNOR

TRANSPORTATION CABINET
200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

April 22, 2025

CALL NO. 105
CONTRACT ID NO. 255337
ADDENDUM # 2

Subject: Carter County, STP BRZ 9030 (495)
Letting April 24, 2025

(1) Added - Special Note – Pages 42A-42B of 154
(2) Revised – Plan Sheets R3, R5

Proposal revisions are available at http://transportation.ky.gov/Construction-Procurement/.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures

SPECIAL NOTE FOR PILE STRIKE ALTERNATE

As an alternate to striking the pile with a hammer once placed inside a pre-drilled hole, the contractor may include shear resisting devices on the pile as shown in Figure 1 below. Place pile in hole and use an excavator to apply full hydraulic load to the top of pile before filling hole with concrete. The cost of all labor and materials is incidental to Pre-drilling Piles.

Notes:

1. Alternate was designed for 125% of the pile design axial load. Required number of threaded rods is provided in Table 1. The piles on this project have a maximum pile design axial load of _108 tons.
2. Use ASTM F1554 Grade 36 threaded rods with a minimum tensile strength of 58 ksi.
3. The minimum depth of the rock socket is 2'-0". Engineer to determine the top of rock elevation.
4. The minimum depth of the concrete backfill shall be 9" above the top threaded rod. Concrete to be Class A or B.
5. Pile points are not required.
6. Provide an excavator with sufficient capacity and reach to lift and place piles without contacting the ground or sides of the boring and to pull casing as the hole is being backfilled.
7. Contractor is to ensure hole is cleaned during and after excavation. The portion of the predrilled bore hole above the rock socket shall be excavated using casing to prevent collapsing. The rock socket shall be visually inspected. The bottom of the hole shall be visible to the Inspector by normal means from the surface elevation. If not adequately cleared of debris or water the contractor may be required to clean out the holes using a vacuum excavator and/or a pump. After the pile and concrete are placed the casing shall be backfilled with sand or pea gravel. Remove the casing as the hole above the rock socket is backfilled.
8. Measure final excavation depths with a weighted tape or other approved methods after final cleaning. Ensure the base of the excavation has less than ½" of sediment at the time of pile and concrete placement. Do not allow the depth of the water to exceed 3" during concrete placement.

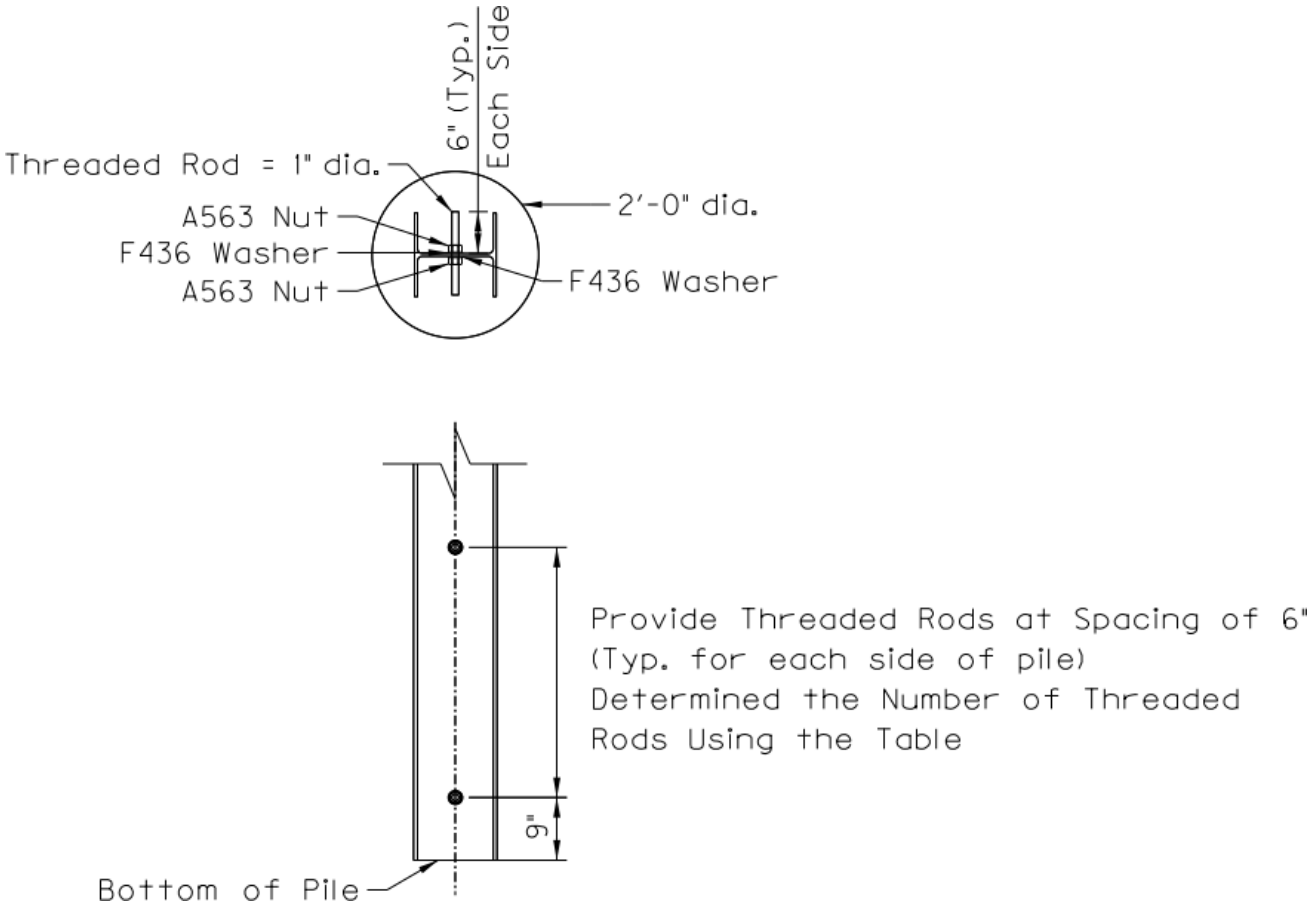

Figure 1: Threaded rod detail

Table 1: Number of threaded rods required based on pile design load

NUMBER OF THREADED RODS								
PILE DESIGN LOAD (TONS)	60	70	80	90	100	110	120	135
Grade 36 (fu = 58 ksi)	5	6	7	7	8	9	9	10
Grade 55 (fu = 75 ksi)	4	5	5	6	6	7	7	8
Grade 105 (fu = 125 ksi)	3	3	3	4	4	4	5	5

COUNTY OF	ITEM NO.	SHEET NO.
CARTER	9-10080	R3

GUARDRAIL STEEL "W" BEAM - ℄ GOLLIHUE						
SIDE	STA.	TO	STA.	SINGLE FACE (LF)	TERMINAL SECTION NO. 1 (EACH)	END TREATMENT TYPE 7 (EACH)
LT	10+10	-	10+40	50		
LT	10+57	-	10+80	25	2	
LT	11+54	-	11+81	37.5	1	
RT	10+26	-	10+49	37.5		
RT	11+63	-	12+06	100		1

GUARDRAIL STEEL "W" BEAM - ℄ KY 1					
SIDE	STA.	TO	STA.	SINGLE FACE (LF)	END TREATMENT TYPE 1 (EACH)
RT	190+00	-	192+53	262.5	
RT	193+20	-	196+00	225	1

ALL MATERIAL THAT WAS PLACED OR THAT HAD FALLEN INTO THE STREAM SHALL BE REMOVED BY THE CONTRACTOR AT THE END OF THE PROJECT AND THE STREAM SHALL BE RESTORED TO ITS PRECONSTRUCTION CONDITION.

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. ACCESS TO FIRE HYDRANTS MUST ALSO BE MAINTAINED AT ALL TIMES.

CONSTRUCT EDGE KEY
RT STA. 12+00 TO STA. 12+06 (13 LF)

CONSTRUCT LONGITUDINAL EDGE KEY
RT STA. 190+00 TO STA. 196+00 (600 LF)

SEEDING AND PROTECTION
RT STA. 190+00 TO STA. 196+00 (1187 SQYD)

REMOVE EXISTING STRUCTURE
LT/RT STA. 11+00 (1 LS)

REMOVE GUARDRAIL
RT STA. 190+00 TO STA. 194+78 (476 LF)

REMOVE & REPLACE FENCE
RT STA. 11+64 TO STA. 12+38 (163 LF)
RT STA. 12+13 TO STA. 12+05 (46 LF)

GOLLIHUE RD. STA. 12+30
END CONSTRUCTION
N 3985065.52
E 5737344.50

KY 1 STA. 196+00
END CONSTRUCTION
N 3985207.52
E 5736966.00

KY 1 STA. 190+00
BEGIN CONSTRUCTION
N 3984738.73
E 5737338.63

GOLLIHUE RD. STA. 10+12
BEGIN CONSTRUCTION
N 3984963.88
E 5737154.12

MICHAEL & JOYCE D. GRIFFITH

PI STA 11+99.24
Δ=25°58'47" LT
T=18.45'
L=36.27'
R=80.00'
E=2.10'

MARY LEAH ADAMS &
GERALD R. ADAMS

JEREMY & CAROL BRICKEY (WF)
AND COURTNEY BRICKEY (SISTER)

JEREMY & CAROL BRICKEY (WF)
AND COURTNEY BRICKEY (SISTER)

PI STA 193+08.92
Δ=18°06'53" RT
T=445.85'
L=884.25'
R=2796.83'
E=35.31'

RADIUS = 2774.81' ARC = 293.13'
CHORD = 292.99', N 34°56'32" W

PARCEL NO.	OWNER(S)	AREA OBTAINED BY	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER				SOURCE OF TITLE
							PERMANENT	TEMPORARY												
			ACRES	SQ. FT.	ACRES	SQ. FT.	SQ. FT.	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S	
2	MICHAEL & JOYCE D. GRIFFITH	DEED	40		0.017	759		7634			39.983		1		X					D.B. 296, Pg. 215
3	JEREMY & CAROL BRICKEY (WF) AND COURTNEY BRICKEY (SISTER)	DEED	64.5		0.185	8043		6697	0.259	11,285	64.1		1		X					D.B. 249, Pg. 156

NOTE: PERMANENT R/W ACQUIRED + AREA SEVERED = TOTAL AREA OF TRACT

SCALE: 1"=20'

① RADIUS = 2774.81' ARC = 82.59'
CHORD = 82.59', N 38°49'16" W
② N 65°33'29" E - 84.63'
③ S 54°29'53" E - 15.85'
④ S 58°40'27" E - 61.40'
⑤ S 58°40'27" E - 18.77'
⑥ S 65°33'29" W - 117.16'
⑦ N 69°52'04" E - 18.87'
⑧ S 56°41'52" E - 44.41'
⑨ S 01°13'41" W - 15.29'
⑩ N 58°40'27" W - 34.06'
⑪ N 58°40'27" W - 29.76'
⑫ S 54°29'53" E - 14.91'

TYPE SEWER SYSTEM
1. PRIVATE - INDIVIDUAL
2. PRIVATE - MULTI PARTY
3. PUBLIC
4. NONE
5. NOT APPLICABLE

0' 20' 40' 80'

PREPARED BY
AECOM

PLAN SHEET & R/W SUMMARY
GOLLIHUE ROAD
OVER LITTLE FORK CREEK

FILE NAME: $DGNSPEC$
USER: $USER$
DATE PLOTTED: $DATE$ $TIME$
E-SHEET NAME:
MicroStation v8.11.9.919

COUNTY OF	ITEM NO.	SHEET NO.
CARTER	9-10080	R3

GUARDRAIL STEEL "W" BEAM - ℄ GOLLIHUE						
SIDE	STA.	TO	STA.	SINGLE FACE (LF)	TERMINAL SECTION NO. 1 (EACH)	END TREATMENT TYPE 7 (EACH)
LT	10+10	-	10+40	50		
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RT	10+26	-	10+49	37.5		
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P/3X JEREMY & CAROL BRICKEY (WF) AND COURTNEY BRICKEY (SISTER)

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CHORD = 292.99', N 34°56'32" W

PARCEL NO.	OWNER(S)	AREA OBTAINED BY	TOTAL AREA OF TRACT ACRES	TOTAL AREA OF TRACT SQ. FT.	PERMANENT R/W ACQUIRED ACRES	PERMANENT R/W ACQUIRED SQ. FT.	EASEMENTS PERMANENT SQ. FT.	EASEMENTS TEMPORARY SQ. FT.	EXCESS PURCHASED ACRES	EXCESS PURCHASED SQ. FT.	PORTION REMAINING ACRES	PORTION REMAINING SQ. FT.	SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT YES	SEWER SYSTEM AFFECTED BY PROJECT NO	BUILDINGS ACQUIRED NUMBER C	R	F	S	SOURCE OF TITLE
2	MICHAEL & JOYCE D. GRIFFITH	DEED	40		0.017	759		7634			39.983		1		X					D.B. 296, Pg. 215
3	JEREMY & CAROL BRICKEY (WF) AND COURTNEY BRICKEY (SISTER)	DEED	64.5		0.185	8043		6697	0.259	11,285	64.1		1		X					D.B. 249, Pg. 156

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0' 20' 40' 80'

PREPARED BY AECOM

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GOLLIHUE ROAD
OVER LITTLE FORK CREEK

FILE NAME: $DGNSPEC$
USER: $USER$
DATE PLOTTED: $DATE$ $TIME$
E-SHEET NAME:
MicroStation v8.11.9.919

COUNTY OF	ITEM NO.	SHEET NO.
CARTER	9-10080	R5

PI STA 90+40.84
Δ=26°12'20" LT
T=23.28'
L=45.74'
R=100.00'
E=2.67'

PI STA 91+03.01
Δ=43°18'51" RT
T=39.71'
L=75.60'
R=100.00'
E=7.60'

PI STA 91+61.02
Δ=24°57'00" LT
T=22.12'
L=43.55'
R=100.00'
E=2.42'

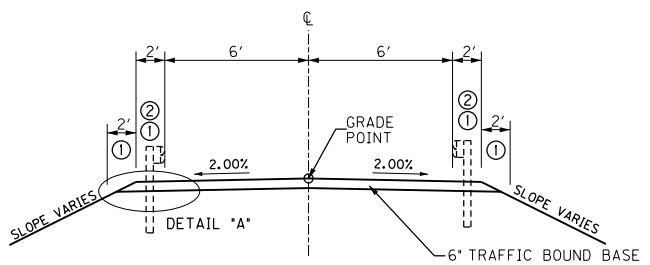
PROPOSED CENTERLINE COORDINATE DATA GOLLIHUE DIVERSION

POINT	State Plane NORTH(Y)	Coordinates EAST(X)	STATION
POB	3985076.55	5737226.38	90+00.00
S 54°01'48" E			
PC	3985066.24	5737240.60	90+17.57
PI	3985052.56	5737259.44	90+40.84
S 80°14'08" E			
PRC	3985048.62	5737282.38	90+63.30
S 79°58'28" E			
PI	3985041.70	5737321.48	91+03.01
PRC	3985009.85	5737345.19	91+38.90
S 36°39'37" E			
PI	3984992.10	5737358.40	91+61.02
PT	3984981.58	5737377.86	91+82.45
S 61°36'37" E			
POE	3984973.24	5737393.30	92+00.00

ENVIRONMENTALLY CLEARED AREA
MICHAEL & JOYCE D. GRIFFITH
MARY LEAH ADAMS & GERALD R. ADAMS
JEREMY & CAROL BRICKEY (WF) AND COURTNEY BRICKEY (SISTER)
Little Fork Creek
Gollihue Road
Grizzell Road
LITTLE FORK CREEK
℄ GOLLIHUE DIVERSION
℄ GOLLIHUE RD
℄ KY 1
TEMP ESMT
PROP R/W
EX R/W
PT 12+50.00
PC 11+80.79
PT 12+17.06
PRC 90+63.30
PC 90+17.57
PI 11+99.24
PI 90+40.84
PI 91+03.01
PT 91+82.45
PRC 91+38.90
PI 91+61.02
POT 10+00.00
S 54°01'48" E
S 61°36'37" E
R=100.00'
9.7'
12.0'
15.2'
OM4-3
C.P. 102
W1-1
W2-2
W14-2
R1-1
STOP
NO OUTLET
OH Guy Wire Elev. 641.90
12" RCP OE=607.23
PI STA 193+08.92
Δ=18°06'53" RT
T=445.85'
L=884.25'
R=2796.83'
E=35.31'

PROPOSED SIGNING						
STATION	LOCATION	SPECIFICATION	HORIZ (IN)	VERT (IN)	FACING TRAFFIC TRAVELING	STEEL POST TY 2 (LF)•
10+20	LT	R1-1	30	30	WEST	12
10+45	RT	W1-1	30	30	EAST	12
12+08	RT	W1-1	30	30	NORTH	12
190+00	RT	W2-2	30	30	NORTH	12
194+50	RT	OM4-3	18	18	SOUTH	10
194+50	RT	OM4-3	18	18	SOUTH	10
194+50	RT	OM4-3	18	18	SOUTH	10
196+00	LT	W2-2	30	30	SOUTH	12
196+00	RT	W14-2	30	30	SOUTH	12

•QUANTITY IS ESTIMATED. THE EXACT LENGTH SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.



DIVERSION TYPICAL SECTION GOLLIHUE ROAD

SCALE: 1"=20'

0' 20' 40' 80'

PREPARED BY AECOM

SIGNING SUMMARY & MAINTENANCE OF TRAFFIC GOLLIHUE ROAD

FILE NAME: $DGNSPEC$
USER: $USER$
DATE PLOTTED: $DATE$ $TIME$
E-SHEET NAME:
MicroStation v8.11.9.919

PROPOSED CENTERLINE COORDINATE DATA GOLLIHUE DIVERSION

POINT	State Plane Coordinates NORTH(Y)	EAST(X)	STATION
POB	3985076.55	5737226.38	90+00.00
	S 54°01'48" E		
PC	3985066.24	5737240.60	90+17.57
PI	3985052.56	5737259.44	90+40.84
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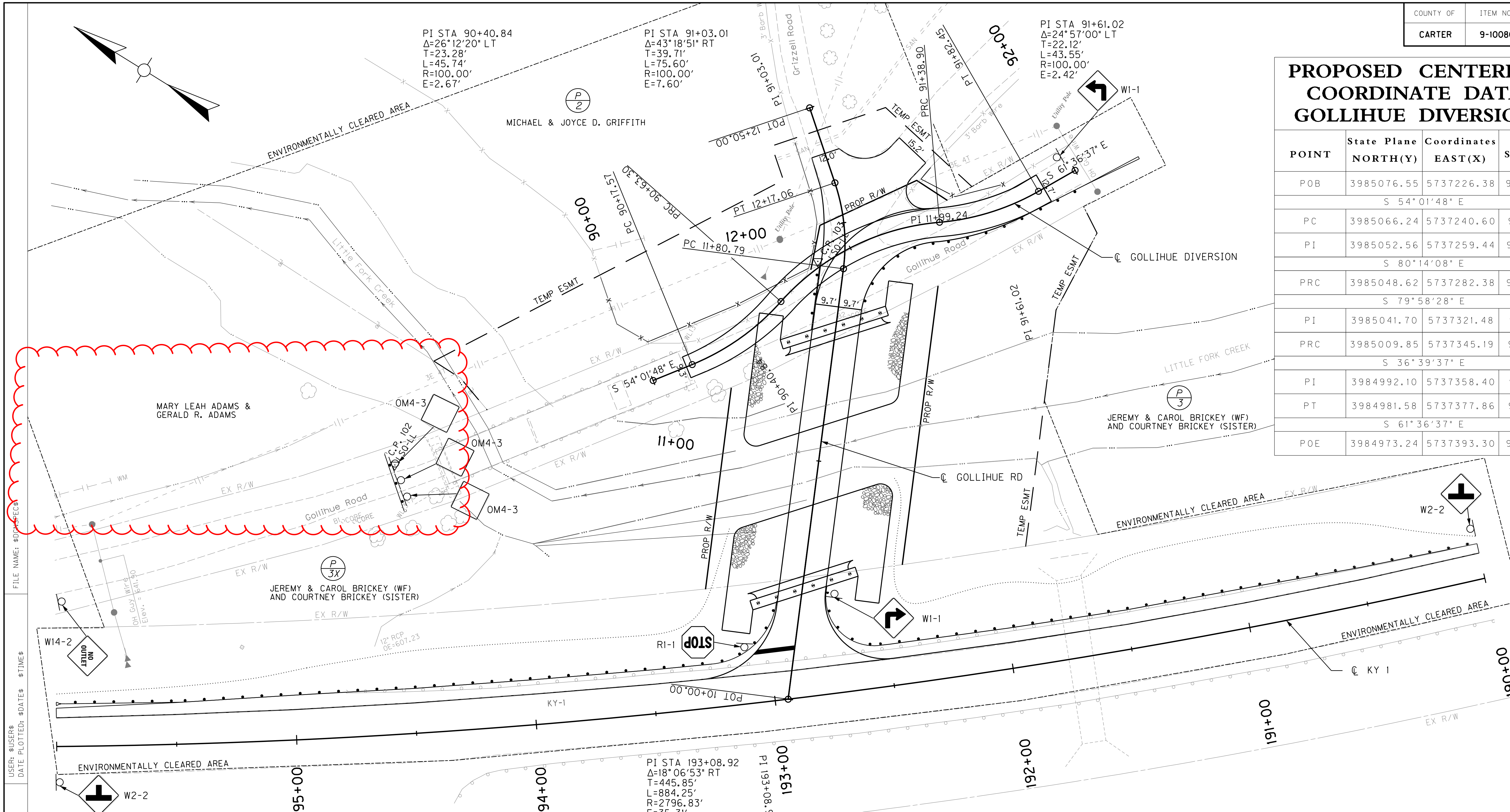
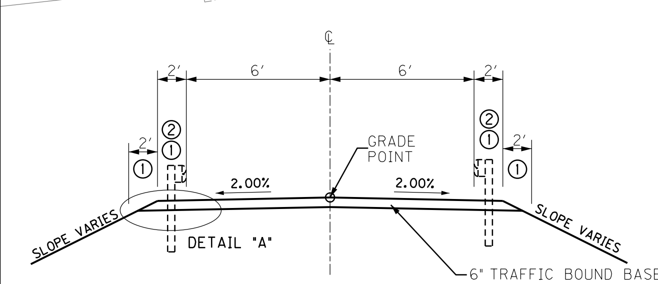


PROPOSED SIGNING						
STATION	LOCATION	SPECIFICATION	HORIZ (IN)	VERT (IN)	FACING TRAFFIC TRAVELING	STEEL POST TY 2 (LF)•
10+20	LT	R1-1	30	30	WEST	12
10+45	RT	W1-1	30	30	EAST	12
12+08	RT	W1-1	30	30	NORTH	12
190+00	RT	W2-2	30	30	NORTH	12
194+50	RT	OM4-3	18	18	SOUTH	10
194+50	RT	OM4-3	18	18	SOUTH	10
194+50	RT	OM4-3	18	18	SOUTH	10
196+00	LT	W2-2	30	30	SOUTH	12
196+00	RT	W14-2	30	30	SOUTH	12

•QUANTITY IS ESTIMATED. THE EXACT LENGTH SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.



DIVERSION TYPICAL SECTION
GOLLIHUE ROAD

SCALE: 1"=20'

PREPARED BY AECOM

SIGNING SUMMARY & MAINTENANCE OF TRAFFIC GOLLIHUE ROAD