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LEGEND

- BILLBOARD
- BORE HOLE or DRILL HOLE
- LANDSCAPE BOULDER
- WELL
- FLAG POLE
- SATELLITE DISH
- POST
- MAILBOX
- TWO POLE SIGN
- ONE POLE SIGN
- PARKING METER
- STOP SIGN
- GAS REGULATOR
- GAS RISER
- GAS TEST STATION
- GAS METER
- GAS VALVE
- UTILITY POLE
- GUY POLE
- GUY ANCHOR
- TELEPHONE PEDESTAL
- TELEPHONE MANHOLE
- CABLE TV PEDESTAL
- ELECTRIC MANHOLE
- ELECTRIC METER
- TRANSFORMER/ELECTRIC PAD
- AIR CONDITIONER
- HAND HOLE
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL BOX
- SIGNAL MANHOLE
- STORM MANHOLE
- AREA INLET
- ROOF DRAIN
- CURB INLET
- SANITARY MANHOLE
- CLEANOUT
- YARD HYDRANT
- WATER SPRINKLER
- WATER MANHOLE
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- LIGHT
- FLOOD LIGHT
- LUMINARY (STREET LIGHT)
- MANHOLE COVER
- MISCELLANEOUS TOPO ITEM
- FINISH FLOOR
- MIN. OPENING ELEV.
- STUMP
- SHRUB
- DECIDUOUS TREE
- EVERGREEN SHRUB
- EVERGREEN TREE

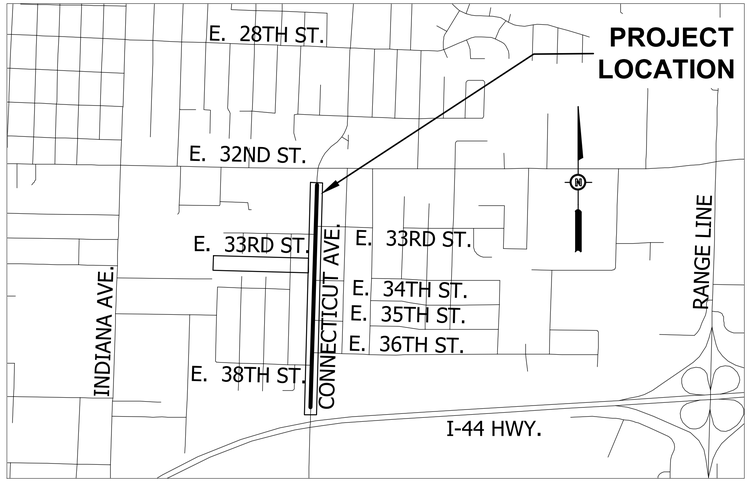
SURVEY MONUMENTATION

- BENCHMARK
- TEMPORARY BENCHMARK
- R/W MARKER
- FOUND SURVEY MONUMENT
- SET SURVEY MONUMENT
- SET SURVEY MONUMENT IN CONCRETE
- CALCULATED SURVEY POINT
- CHISELED CROSS FOUND
- CHISELED CROSS SET

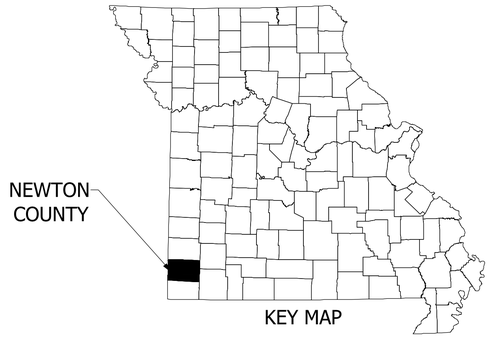
- OHE — *OVERHEAD ELECTRIC*
- UGE — *UNDERGROUND ELECTRIC*
- UGT — *UNDERGROUND TELEPHONE*
- UGCT — *UNDERGROUND CABLE AND TELEVISION*
- G — *GAS LINE*
- SAN — *SANITARY SEWER LINE*
- W — *WATER LINE*
- O — *CHAINLINK FENCE*

CITY OF JOPLIN
Newton County, Missouri

CONSTRUCTION PLANS
CONNECTICUT AVE. WIDENING
32ND ST. TO I-44 HWY
PROJECT NO. TC0606
JULY 2023



LOCATION MAP
NOT TO SCALE



UTILITY CONTACTS:

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Ken.Stegall@spireenergy.com

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kk7429@att.com

Mr. Randy Kennedy
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randy.kennedy@cableone.biz

SHEET INDEX:

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	CONTROL POINTS
3-5	TYPICAL SECTIONS
6	QUANTITIES
7-14	PLAN & PROFILES
15-20	SIDE ROAD PLAN & PROFILES
21	MIDBLOCK CROSSING DETAIL
22-26	DRIVEWAY PROFILES
27-32	STORM PIPE PROFILES
33-35	TRAFFIC CONTROL
36-42	EROSION CONTROL
43-47	PAVEMENT MARKINGS
48-54	LIGHTING
55-71	CROSS SECTION SHEETS

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APPROVED BY
JOPLIN, MISSOURI

CITY OF JOPLIN — DATE

DAN JOHNSON, P.E., PUBLIC WORKS DIRECTOR

DESCRIPTION | DATE | BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 880-6466 FAX (417) 890-6466
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CONNECTICUT AVENUE COVER SHEET

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

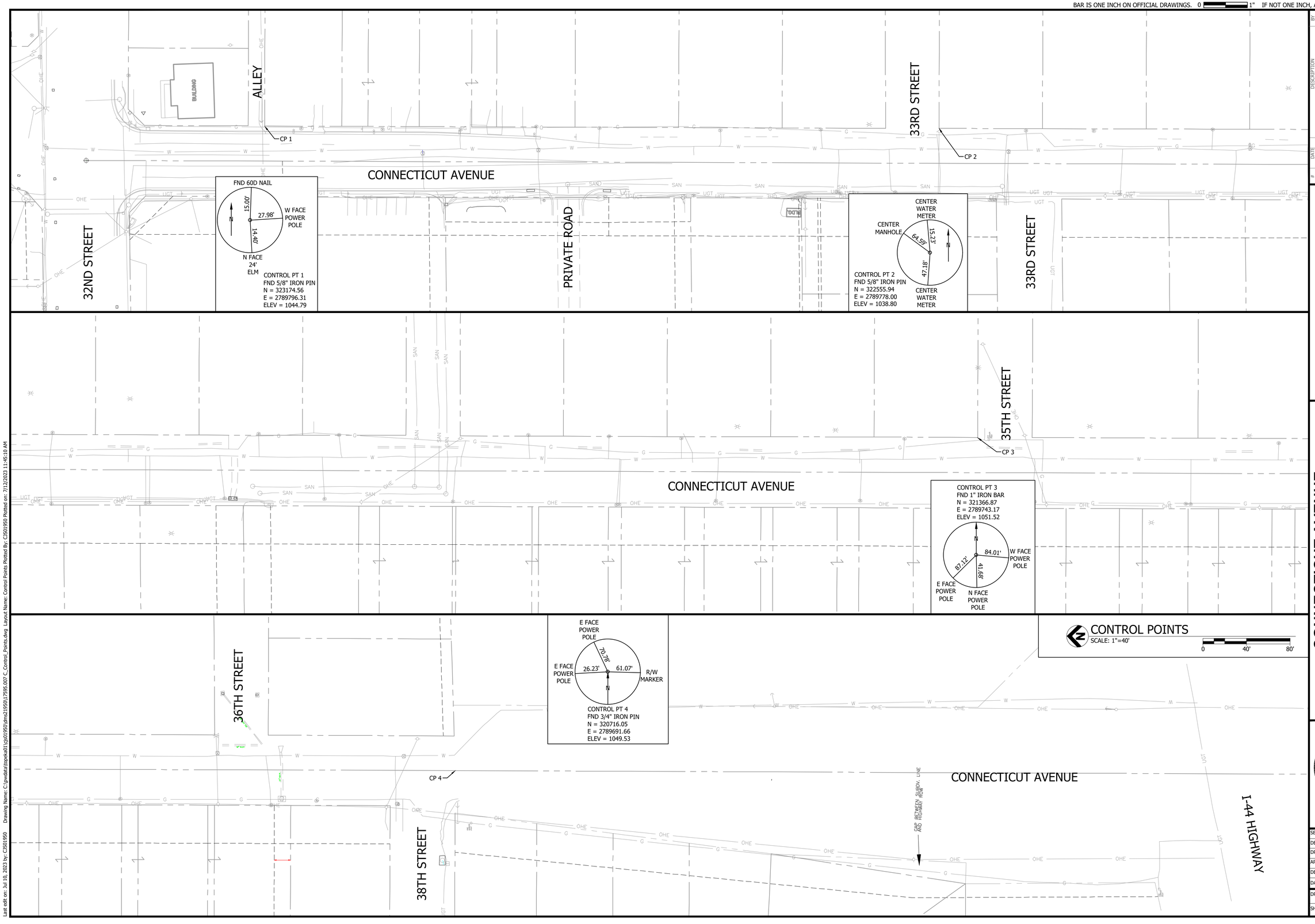
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	1 of 71

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Last edit on: Jul 10, 2023 by: CS01950 Drawing Name: C:\pwdata\topeka01\cjs01950\dms21950\17595.007 C_Title8 typSec.dwg Layout Name: Cover Plotted By: CS01950 Plotted on: 7/12/2023 11:43:52 AM

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CONNECTICUT AVENUE CONTROL POINTS

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

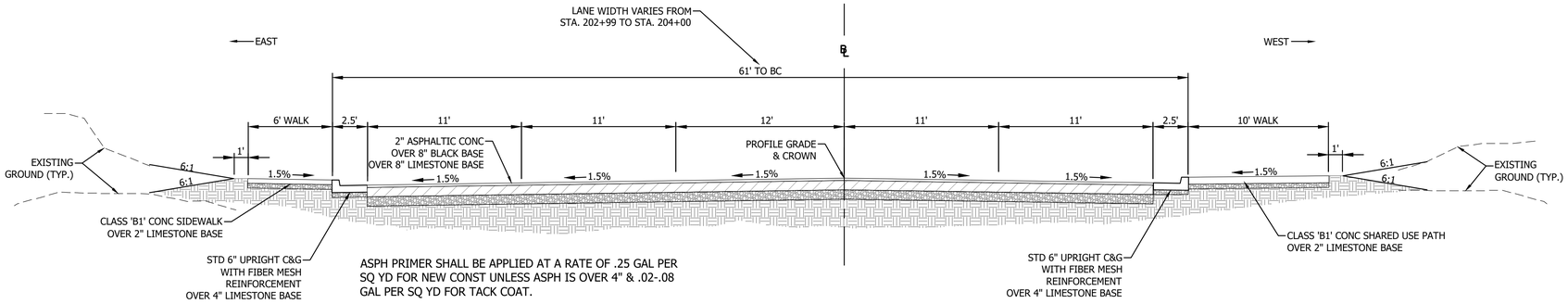
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
PROFESSIONAL ENGINEER
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
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SHEET NO:	2 of 71

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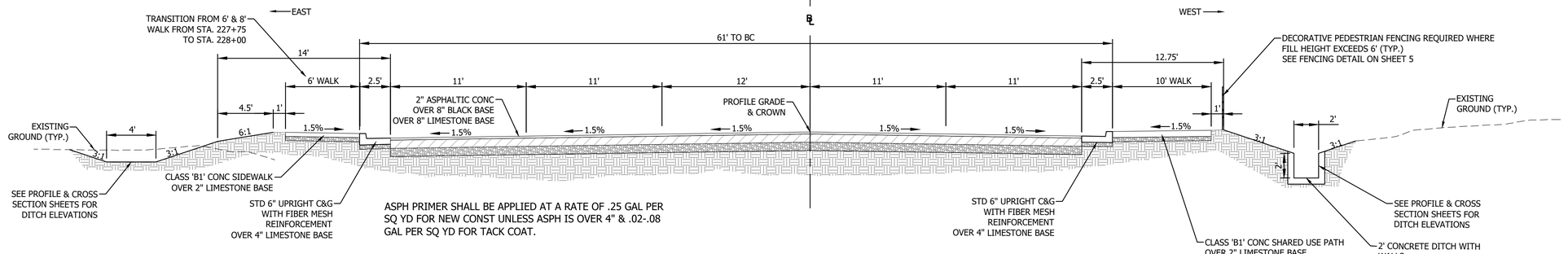
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ASPH PRIMER SHALL BE APPLIED AT A RATE OF .25 GAL PER SQ YD FOR NEW CONST UNLESS ASPH IS OVER 4" & .02-.08 GAL PER SQ YD FOR TACK COAT.

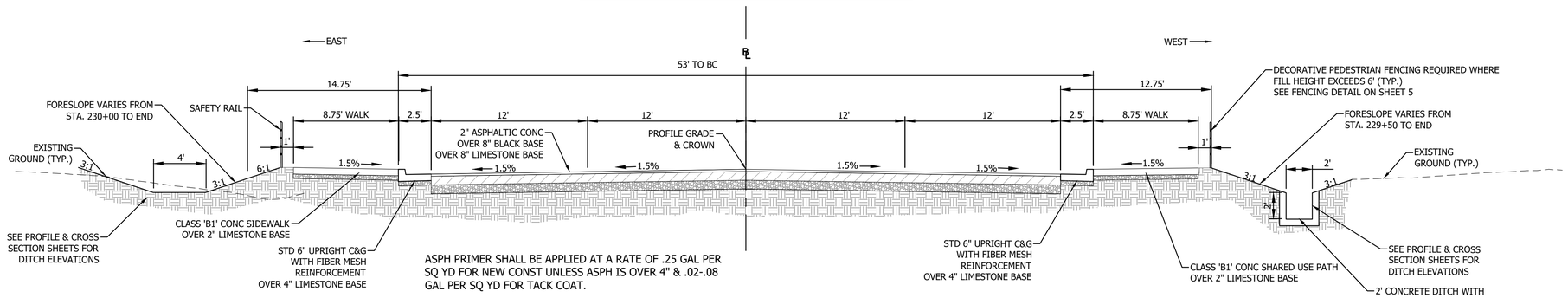
PROPOSED TYPICAL 5 LANE SECTION W/ SIDEWALKS
STA. 202+99.00 TO STA. 226+10.00



ASPH PRIMER SHALL BE APPLIED AT A RATE OF .25 GAL PER SQ YD FOR NEW CONST UNLESS ASPH IS OVER 4" & .02-.08 GAL PER SQ YD FOR TACK COAT.

PROPOSED TYPICAL 5 LANE SECTION W/ SIDEWALKS
STA. 226+10.00 TO STA. 228+00.00

TRANSITION BETWEEN 5 LANE ROADWAY AND 4 LANE ROADWAY FROM STA. 227+45 TO STA. 230+25



ASPH PRIMER SHALL BE APPLIED AT A RATE OF .25 GAL PER SQ YD FOR NEW CONST UNLESS ASPH IS OVER 4" & .02-.08 GAL PER SQ YD FOR TACK COAT.

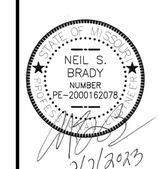
PROPOSED TYPICAL 4 LANE SECTION W/ SIDEWALKS
STA. 230+25.00 TO STA. 231+67.12

#	DESCRIPTION	DATE	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
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MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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CONNECTICUT AVENUE TYPICAL SECTIONS

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

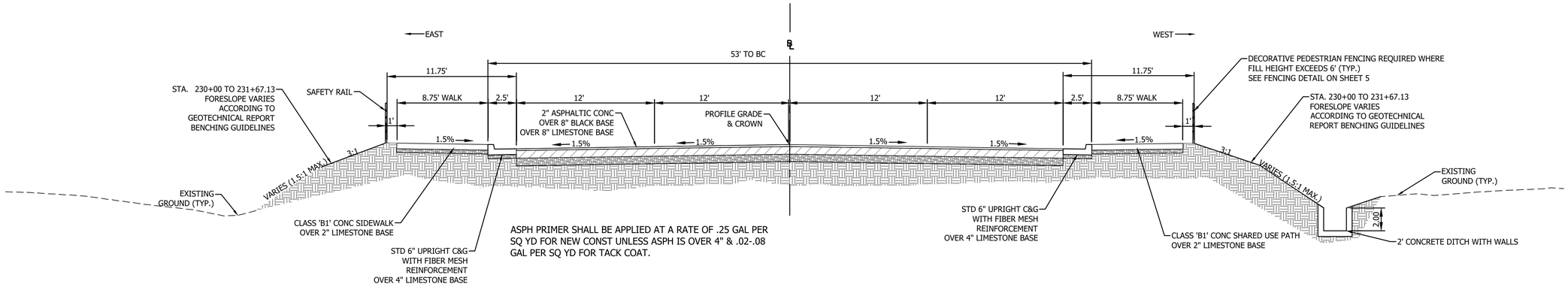


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DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	3 of 71

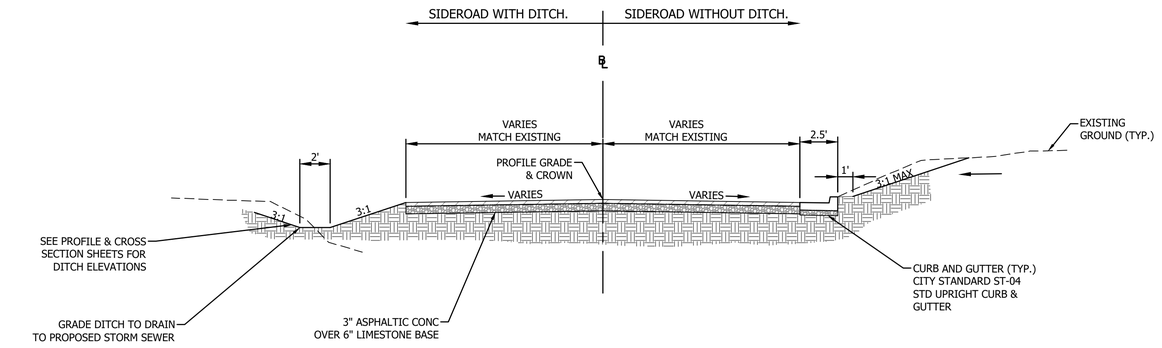
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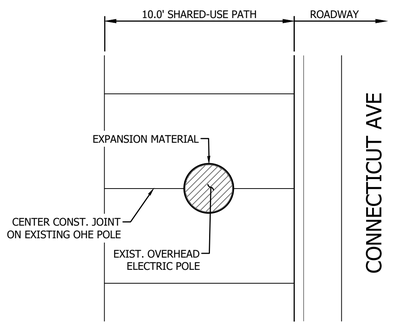
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PROPOSED TYPICAL 4 LANE SECTION W/ SIDEWALKS ROCK FILL SECTION
STA. 230+25.00 TO STA. 231+67.12



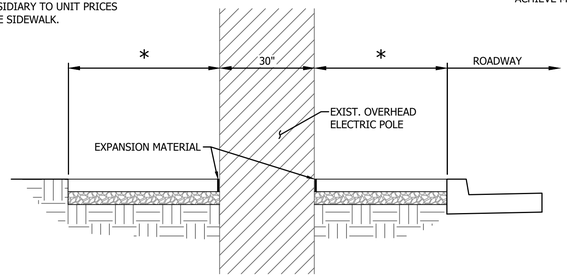
PROPOSED TYPICAL SIDE ROAD SECTION



PLAN VIEW

NOTE:
CONTRACTOR SHALL PROVIDE EXPANSION MATERIAL AROUND EXISTING OVERHEAD ELECTRIC POLES AND ELECTRICAL CONDUITS (IF PRESENT).
PAYMENT FOR EXPANSION MATERIAL SHALL BE SUBSIDIARY TO UNIT PRICES FOR CONCRETE SIDEWALK.

* PROVIDE 4.0' MINIMUM UNOBSTRUCTED PATH ON EITHER SIDE OF EXISTING OVERHEAD ELECTRIC POLE. WIDEN SIDEWALK AS REQUIRED TO ACHIEVE MINIMUM WIDTH.



SECTION VIEW

SIDEWALK CONSTRUCTION AROUND EXISTING OVERHEAD ELECTRIC POLES

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CONNECTICUT AVENUE TYPICAL SECTIONS

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

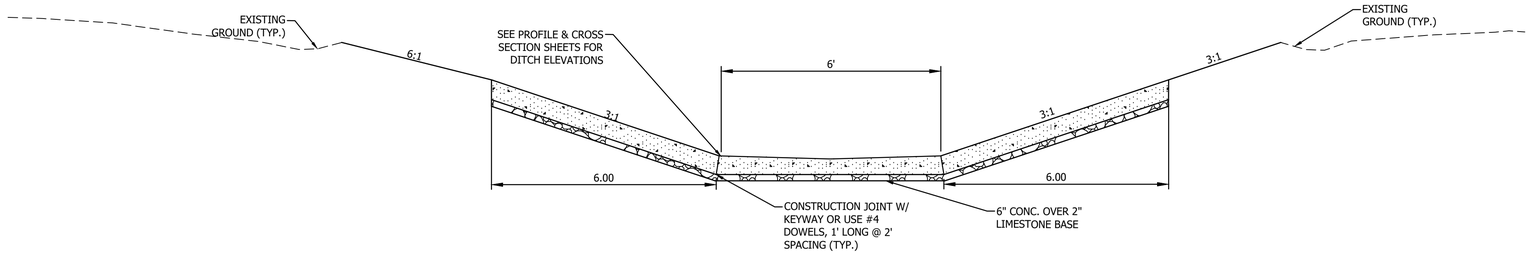
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
3/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	4 of 71

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Last edit on: Jul 10, 2023 by: CSO1950 Drawing Name: C:\pwdata\topeka01\cjob01950\dms219509\17595.007 C_TitleSTypSec.dwg Layout Name: Typical Section 2 Plotted By: CSO1950 Plotted on: 7/12/2023 11:45:19 AM

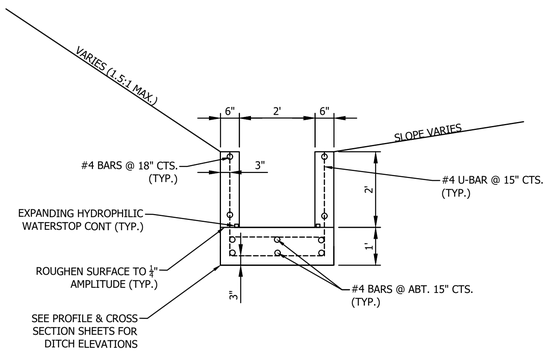
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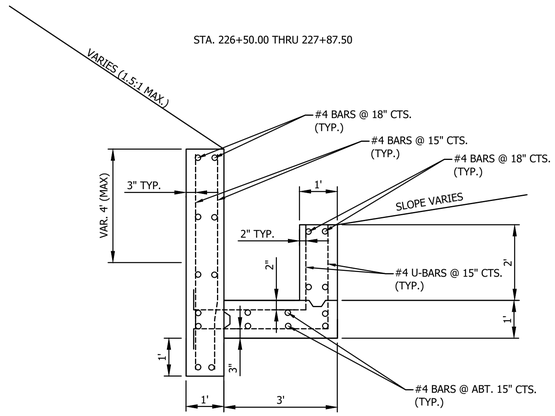
NOTE:
CONSTRUCT 6" X 18" CONCRETE TOE WALL AT START & END OF DITCH & ALSO EVERY 100'

DITCH DESIGNED IN ACCORDANCE WITH CITY STANDARD STM-07

PROPOSED TYPICAL SECTION THROUGH CONCRETE LINED DITCH



STA. 226+50.00 THRU 227+87.50



PROPOSED TYPICAL CONCRETE 'U' CHANNEL

Notes:

Decorative pedestrian fencing shall be in accordance with 2012 AASHTO LRFD Bridge Design Specifications and 2013 Interim Revisions. 50 lb/ft and 200 lb loading shall not be applied simultaneously.

Fence shall have a gloss black finish (Federal Standard #17038) System "G" in accordance with Sec 1081.

Install fence per manufacturer's recommendations and the contract plans. Every effort shall be made to keep panel lengths similar, to provide a uniform look across the length of the bridge.

All connections from post to rail shall be bolted.

Base plates shall be ASTM A709, Grade 36.

Dimensions of pedestrian fence are measured horizontally.

Grout of 1/2" minimum thickness shall be placed under base plates to provide for vertical alignment of rail posts and shall be in accordance with Sec. 1066. The grout shall be mixed, applied and cured according to the manufacturer's recommendations.

Measurement of pedestrian fence will be made to the nearest linear foot along centerline fence from centerline to centerline at end posts.

The contractor shall use one of the resin anchor systems in accordance with Sec 1039.

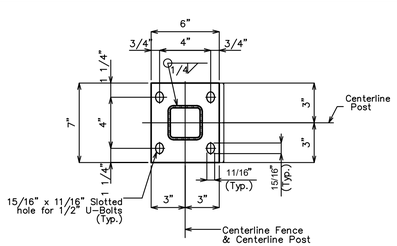
The minimum embedment depth in concrete with f'c = 4000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5".

Mortar shall be placed under the post base plates in accordance with Sec 1066.

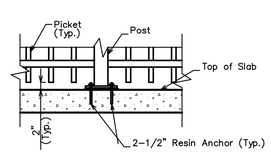
Contractor shall submit complete detailed shop drawings in accordance with Sec 1080.

The contractor shall have the decorative pedestrian fencing manufacturer submit structural design computations signed and sealed by a registered professional engineer in the State of Missouri.

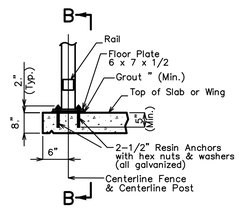
All materials used in fabrication and construction of the decorative pedestrian fencing shall be in accordance with the manufacturer's specifications, except as modified in the contract documents.



PLAN OF FLOOR PLATE



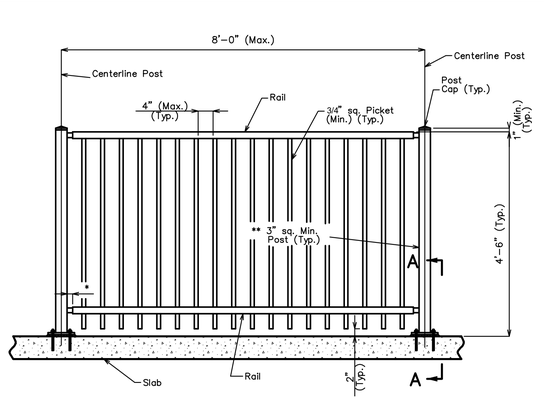
SECTION B–B
AT SUPPORT



SECTION A–A
AT FENCE SUPPORT
Note: Reinforcement not shown for clarity.

* Expansion joints shall be provided per the manufacturer's recommendation.

** If post size is larger than 3" then base plate size may need to be increased to provide clearance to resin anchors.



TYPICAL PART ELEVATION
Adjacent panels not shown for clarity.

PROPOSED TYPICAL DECORATIVE PEDESTRIAN FENCE

CONNECTICUT AVENUE TYPICAL SECTIONS

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

#	DESCRIPTION	DATE	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 364-6464 FAX (800) 364-6464
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167- ENGINEERING
WWW.BARTLETTWEST.COM

NEIL S. BRADY NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
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APPROVED BY:	NSB
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DRAWING NO:	
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Item No.	Description	Quantity	Unit
	Roadway Items		
1	Mobilization	1	LS
2	Traffic Control	1	LS
3	Demolition and Removals	1	LS
4	Clearing and Grubbing	1	LS
5	Embankment	6,962	CY
6	Earth Excavation (Waste Haul Off)	1,100	CY
7	Silt Fence	1,167	LF
8	Inlet Protection	48	EA
9	Rock Ditch Check (4-inch Rock)	4	EA
10	Sandbag Ditch Check	19	EA
11	Temporary Seeding	0.4	AC
12	Permanent Seeding	0.5	AC
13	6" Solid White Pavement Marking (Preformed Thermoplastic)	5,060	LF
14	6" Broken White Pavement Marking (Preformed Thermoplastic)	2,110	LF
15	4" Solid Yellow Pavement Marking (Preformed Thermoplastic)	7,364	LF
16	4" Broken Yellow Pavement Marking (Preformed Thermoplastic)	1,020	LF
17	24" Solid White Pavement Marking (Preformed Thermoplastic)	57	LF
18	Left Turn Arrow Symbol (Preformed Thermoplastic)	24	EA
19	24" Solid Yellow Hash-Bar (Preformed Thermoplastic)	152	LF
20	30" Solid White Midblock Crossing Pavement Marking (Preformed Thermoplastic)	60	LF
21	Vinyl Fence	575	LF
22	Fencing with Concrete Footings	146	LF
23	15" dia. RCP	1,533	LF
24	18" dia. RCP	1,043	LF
25	21" dia. RCP	99	LF
26	24" dia. RCP	144	LF
27	30" dia. RCP	674	LF
28	36" dia. RCP	238	LF
29	60"x38" RCPHE	197	LF
30	5'X3' RCB	49	LF
31	Endsection, RCP, 15"	2	EA
32	Endsection, RCPHE	1	EA
33	4' x 4' Area Inlet	9	EA
34	5' x 3' Type D Curb Inlet	35	EA
35	5' x 5' Area Inlet	2	EA
36	8' x 4' Type D Curb Inlet	11	EA
37	APWA Double Grate Inlet	1	EA
38	APWA Single Grate Inlet	2	EA
39	French Drain Connection	2	EA
40	Asphaltic Concrete Surface (2" thickness)	17,670	SY
41	Asphaltic Concrete Surface (3" thickness)	647	SY
42	Asphalt Black Base (8" thickness)	17,670	SY
43	Portland Cement Concrete Pavement (Driveways) (8" thickness)	2,583	SY
44	Type CG-1 Curb and Gutter	6,073	LF
45	Sidewalk Construction (4" thickness)	1,514	SY
46	ADA Ramps and Landings (6" thickness)	256	SY
47	Sidewalk Construction Shared Use Path (6" Thickness)	2,142	SY
48	2" Limestone Aggregate Base	3,823	SY
49	4" Limestone Aggregate Base	225	SY
50	8" Limestone Aggregate Base	17,670	SY
51	6" Limestone Aggragate Base	647	SY
52	Decorative Fence	1,045	LF
53	Concrete Lined Ditch	276	LF
54	Concrete 'U' Channel	530	LF
55	Construction Staking	1	LS
56	Permanent Signs	19	EA
57	MILLBANK CONTROLLER	1	EA
58	COBRA HEAD LIGHT FIXTURES	22	EA
59	30' LIGHT POLES	22	EA
60	POLE BASES	22	EA
61	JUNTION BOXES	11	EA
62	2" CONDUIT	3300	LF
63	#10 WIRE	3800	LF
64	#8 WIRE	8500	LF
65	#6 WIRE	3500	LF
66	#1 WIRE	500	LF
67	TRENCHING/BACKFILL	3300	LF
68	GROUND RODS	23	EA
69	CMS Boards	2	EA
70	RRFB System	1	EA
71	Gaurdrail	187.5	LF
72	SoftStop Gaurdrail Anchor	1	EA
73	Removal of Brick Cluster Mailbox	2	EA
74	Removal of Gaurdrail	165	LF
75	Removal of Mailboxes	43	EA
76	Removal of Unsuitable Material	1228	CY
77	Removal of Pavement Markings (Symbols)	2	EA
78	Removal of Permanent Barrier	429	LF
79	Removal of Temporary Barrier	226	LF
80	Removal of Pavement Marking	2,616	LF

Last edit on: Jul 10, 2023 by: CISO1950 Drawing Name: C:\pwdata\topeka01\cgi01950\dms21950\17595.007 C_Title&Typ5ec.dwg Layout Name: Quantities Plotted By: CISO1950 Plotted on: 7/12/2023 11:45:24 AM

#	DATE	DESCRIPTION	BY

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CONNECTICUT AVENUE
Quantities

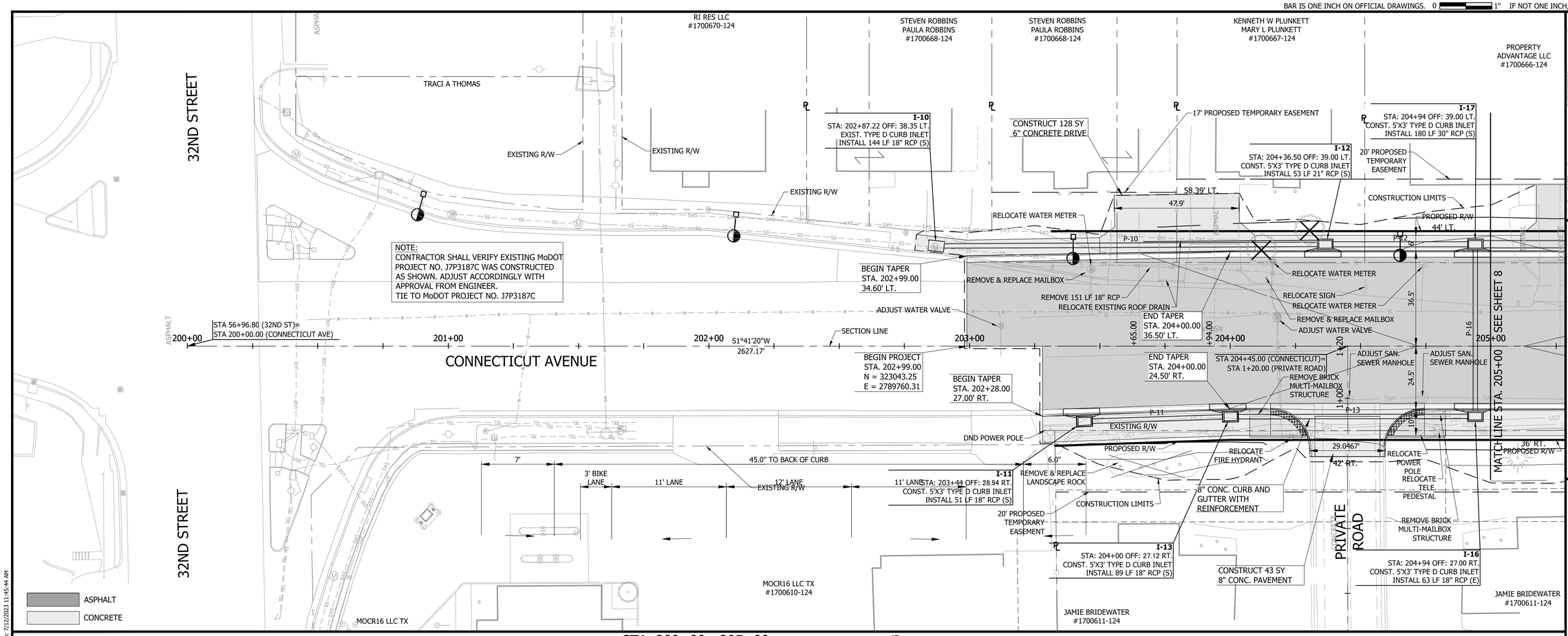
CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

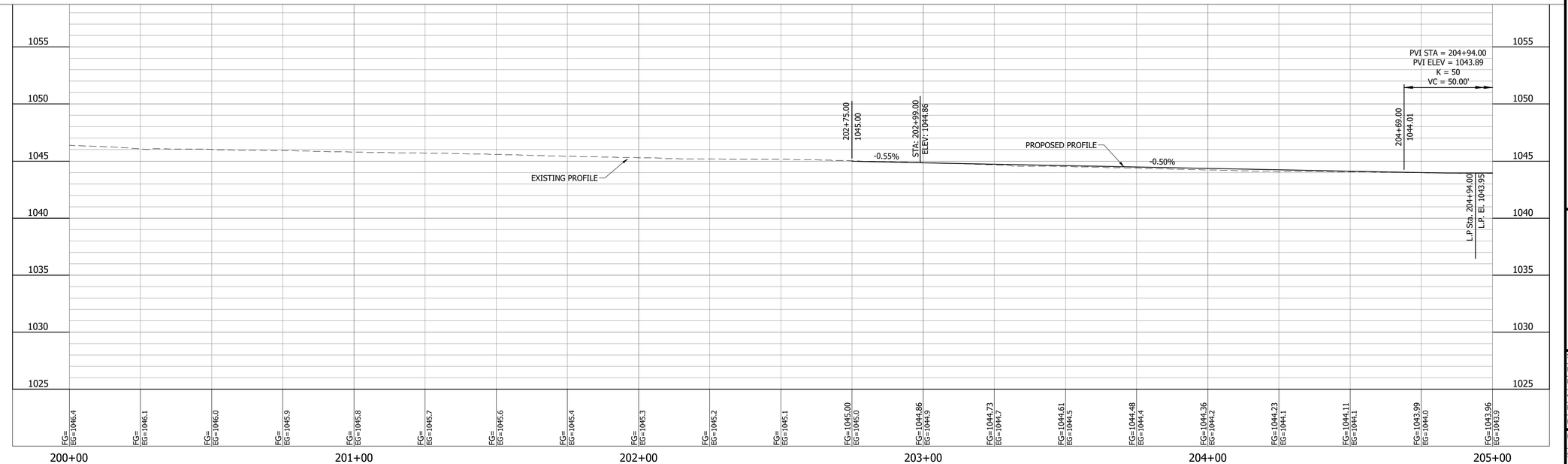
SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	6 of 71

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STA. 200+00 - 205+00
SCALE: HORZ-1"=20' VERT-1"=5'
SCALE: 1" = 20'



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CONNECTICUT AVENUE
PLAN & PROFILES
STA. 200+00 TO STA. 205+00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
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DRAWN BY:	SJS
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Last edit on: Jul 10, 2023 by: CSI01950 Drawing Name: C:\pwdata\topeka01\cpd01950\dms219595\17595.007 C_PRPs.dwg Layout Name: PRP_1 Plotted By: CSI01950 Plotted on: 7/12/2023 11:45:44 AM

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PROPERTY ADVANTAGE LLC #1700666-124

REBECCA L CURWEN #1700665-124

MACKENZIE REYNOLDS #1700664-124

DUANE C WILLIAMS JACKIE F WILLIAMS #1700663-124

ERIC WILLIAMS #1700662-124

THANHCONG & CUC THI PHAM #1700661-124

JAMIE BRIDEWATER #1700611-124

DON L OWEN FAMILY INVESTMENTS LP #1700612-124

EDGEMAN PROPERTIES, LLC #1700614+124

CALEF PROPERTIES LLC #1700615-124

FLORA M STANSBERRY #1700616-124

CONNECTICUT AVENUE

33RD STREET

MATCHLINE STA. 205+00 SEE SHEET 7

STA. 210+50 SEE SHEET 9

CONSTRUCT 62 SY 6" CONCRETE DRIVE

CONSTRUCT 59 SY 6" CONCRETE DRIVE

CONSTRUCT 43 SY 6" CONCRETE DRIVE

CONSTRUCT 97 SY 8" ASPHALT PAVEMENT

CONSTRUCT 40 SY 8" CONC. CURB AND GUTTER WITH REINFORCEMENT

CONSTRUCT 40 SY 6" CONCRETE DRIVE

CONSTRUCT 63 SY 6" CONCRETE DRIVE

CONSTRUCT 53 SY 6" CONCRETE DRIVE

CONSTRUCT 65 SY 6" CONCRETE DRIVE

CONSTRUCT 136 SY 6" CONCRETE DRIVE

CONSTRUCT 57 SY 6" CONCRETE DRIVE

CONSTRUCT 43 SY 8" CONC. CURB AND GUTTER WITH REINFORCEMENT

CONSTRUCT 36 SY 8" ASPHALT PAVEMENT

CONSTRUCT 49 SY 6" CONCRETE DRIVE

ES-23
STA: 207+42.27 OFF: 63.60 LT.
CONST. 15" RCP END SECTION
INSTALL 11 LF 15" RCP (W)

I-24
STA: 207+41.62 OFF: 51.19 LT.
CONST. 4'X4' INLET
INSTALL 36 LF 30" RCP (S)

I-22
STA: 206+79 OFF: 39.00 LT.
CONST. 5'X3' TYPE D CURB INLET
INSTALL 59 LF 30" RCP (S)

I-25
STA: 207+80.33 OFF: 64.68 LT.
CONST. 12" X 24" OPENING APWA SINGLE GRATE AREA INLET
INSTALL 14 LF 15" RCP (W)

I-27
STA: 207+81.99 OFF: 48.03 LT.
CONST. 4'X4' INLET
INSTALL 55 LF 30" RCP (S)

I-29
STA: 208+42.25 OFF: 39.50 LT.
CONST. 8'X4' TYPE D CURB INLET
INSTALL 126 LF 30" RCP (S)

I-30
STA: 209+76 OFF: 39.50 LT.
CONST. 8'X4' TYPE D CURB INLET
INSTALL 65 LF 30" RCP (S)

I-32
STA: 210+49 OFF: 39.50 LT.
CONST. 8'X4' TYPE D CURB INLET
INSTALL 78 LF 30" RCP (S)

I-21
STA: 206+79 OFF: 27.00 RT.
CONST. 5'X3' TYPE D CURB INLET
INSTALL 132 LF 15" RCP (S)

I-28
STA: 208+16 OFF: 27.00 RT.
CONST. 5'X3' TYPE D CURB INLET
INSTALL 68 LF 15" RCP (SE)

I-31
STA: 210+49 OFF: 27.00 RT.
CONST. 5'X3' TYPE D CURB INLET
INSTALL 79 LF 15" RCP (S)

STA. 205+00 - 210+50
SCALE: HORZ-1"=20' VERT-1"=5'
SCALE: 1" = 20'

ASPHALT

CONCRETE

PVI STA = 204+94.00
PVI ELEV = 1043.89
K = 50
VC = 50'

PVI STA = 205+75.00
PVI ELEV = 1044.29
K = 57
VC = 100'

PVI STA = 207+50.00
PVI ELEV = 1042.10
K = 685
VC = 100'

PVI STA = 209+50.00
PVI ELEV = 1039.30
K = 244
VC = 200'

205+19.00 1044.01
205+25.00 1044.04
206+25.00 1043.67
207+00.00 1042.73
208+00.00 1041.40
208+50.00 1040.70
210+50.00 1038.72

0.50%
-1.25%
1.40%

EXISTING PROFILE
PROPOSED PROFILE

FG=1043.96 EG=1043.9
FG=1044.04 EG=1043.8
FG=1044.11 EG=1043.7
FG=1044.08 EG=1043.6
FG=1043.93 EG=1043.5
FG=1043.67 EG=1043.5
FG=1043.35 EG=1043.35
FG=1043.04 EG=1043.4
FG=1042.73 EG=1043.2
FG=1042.41 EG=1042.9
FG=1042.08 EG=1042.7
FG=1041.75 EG=1042.3
FG=1041.40 EG=1042.0
FG=1041.05 EG=1041.6
FG=1040.70 EG=1041.3
FG=1040.36 EG=1041.0
FG=1040.05 EG=1040.8
FG=1039.77 EG=1040.5
FG=1039.51 EG=1040.3
FG=1039.27 EG=1040.1
FG=1039.06 EG=1039.9
FG=1038.88 EG=1039.7
FG=1038.72 EG=1039.6

205+00 206+00 207+00 208+00 209+00 210+00 210+50

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CONNECTICUT AVENUE PLAN & PROFILES STA. 205+00 TO STA. 210+50

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

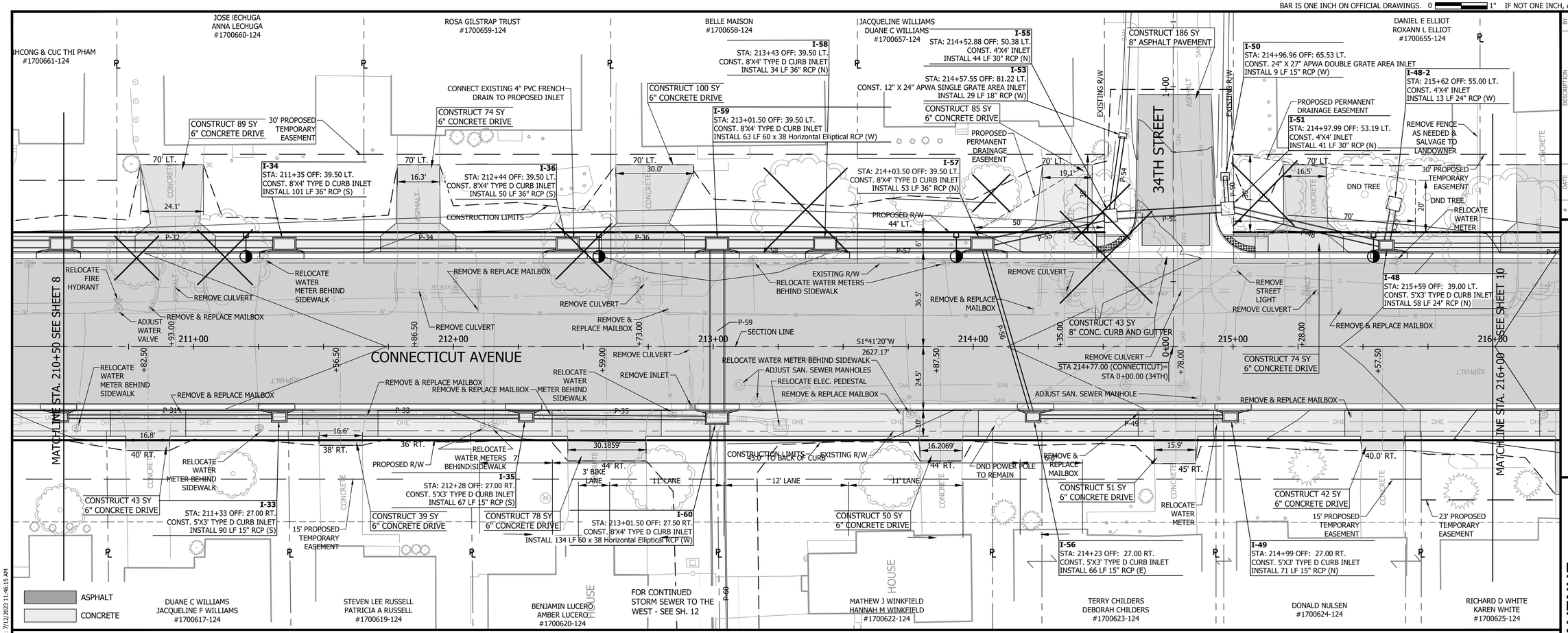
NEIL S. BRADY NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
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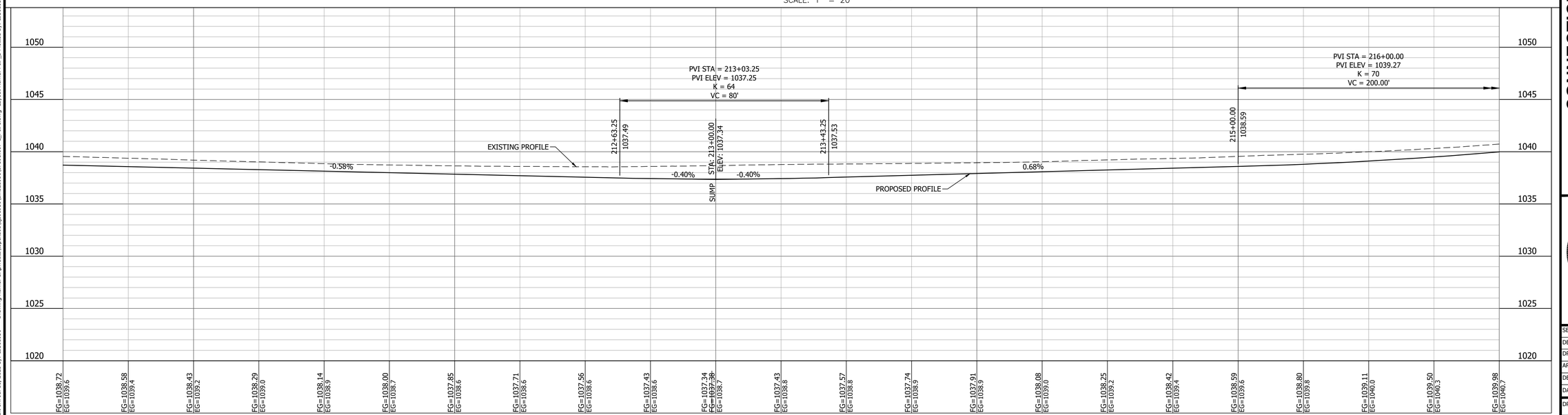
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STA. 210+50 - 216+00

SCALE: HORZ-1"=20' VERT-1"=5'

SCALE: 1" = 20'



CONNECTICUT AVENUE PLAN & PROFILES STA. 210+50 TO STA. 216+00

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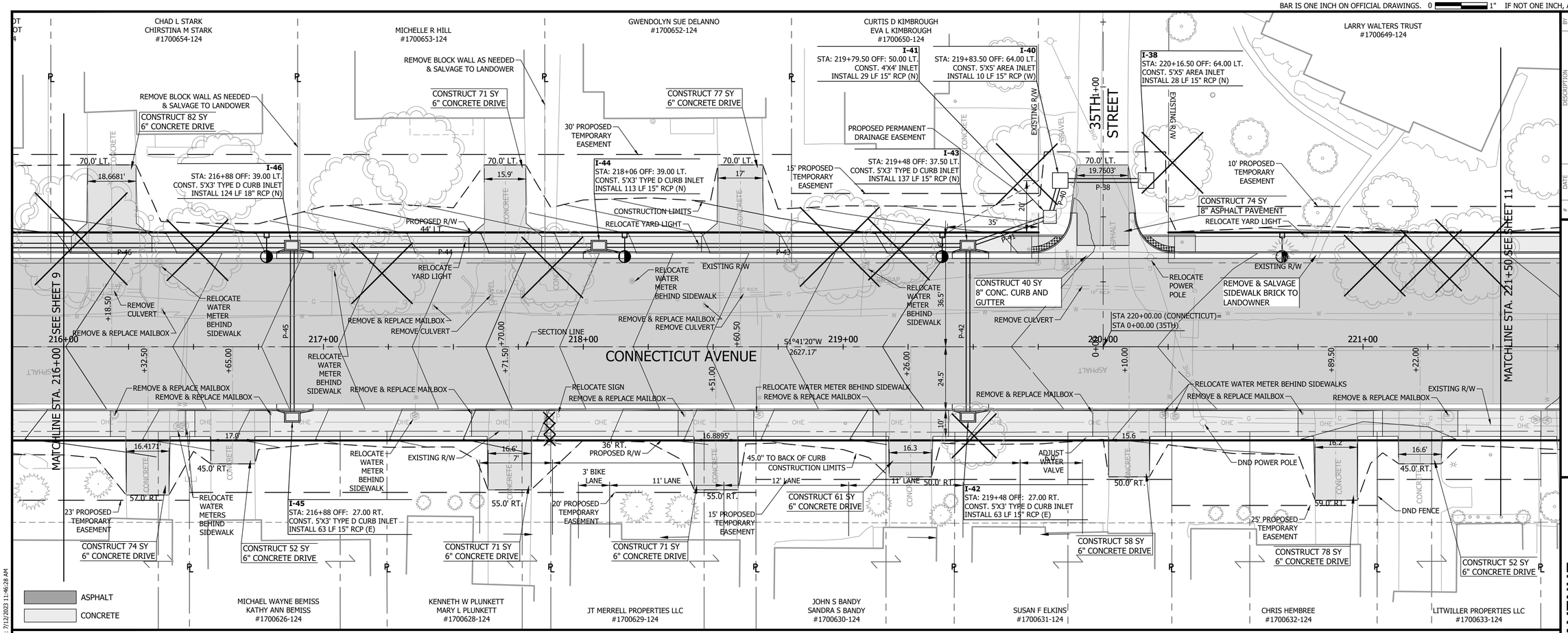
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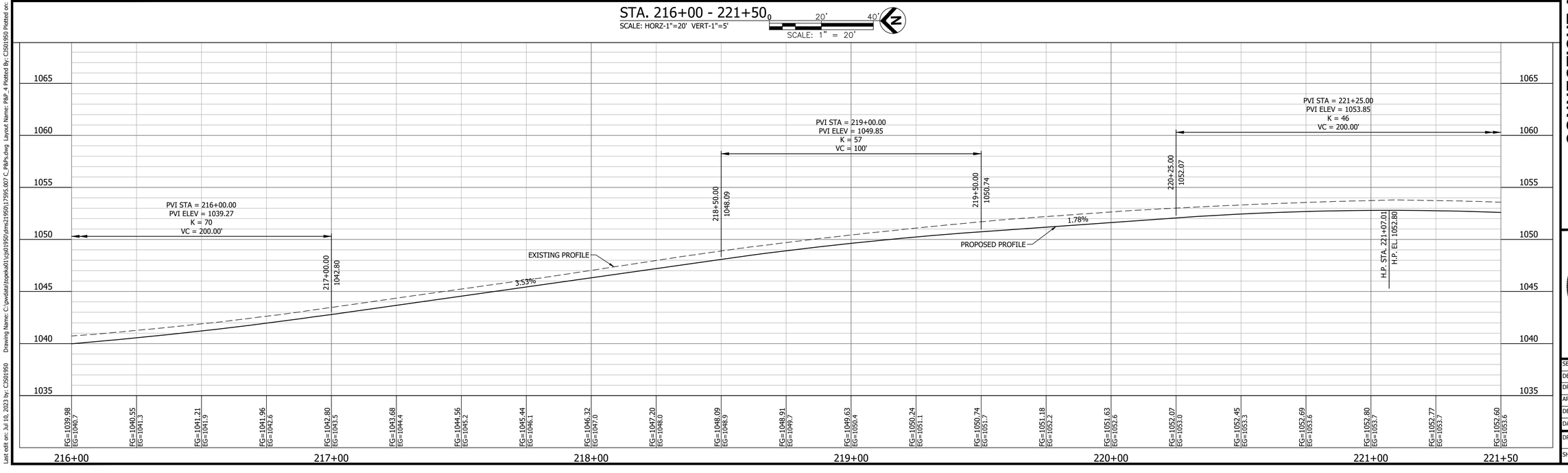
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Last edit on: Jul 10, 2023 by: CSOI1950 Drawing Name: C:\pwidata\topeka01\pw\1950\dms219501\17595.007 C_P&Ps.dwg Layout Name: P&P_3 Plotted By: CSOI1950 Plotted on: 7/12/2023 11:46:15 AM

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CONNECTICUT AVENUE PLAN & PROFILES STA. 216+00 TO STA. 221+50

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

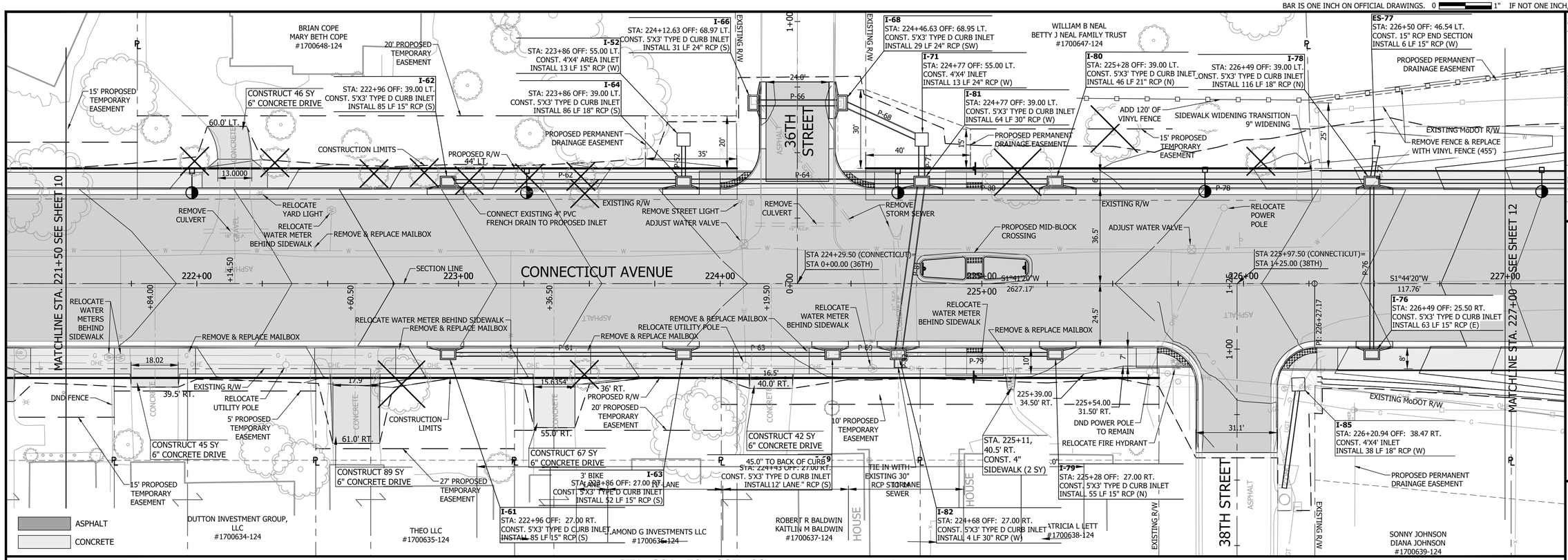
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
PROFESSIONAL ENGINEER
7/7/2023

SEALED DATE:	07/07/2023
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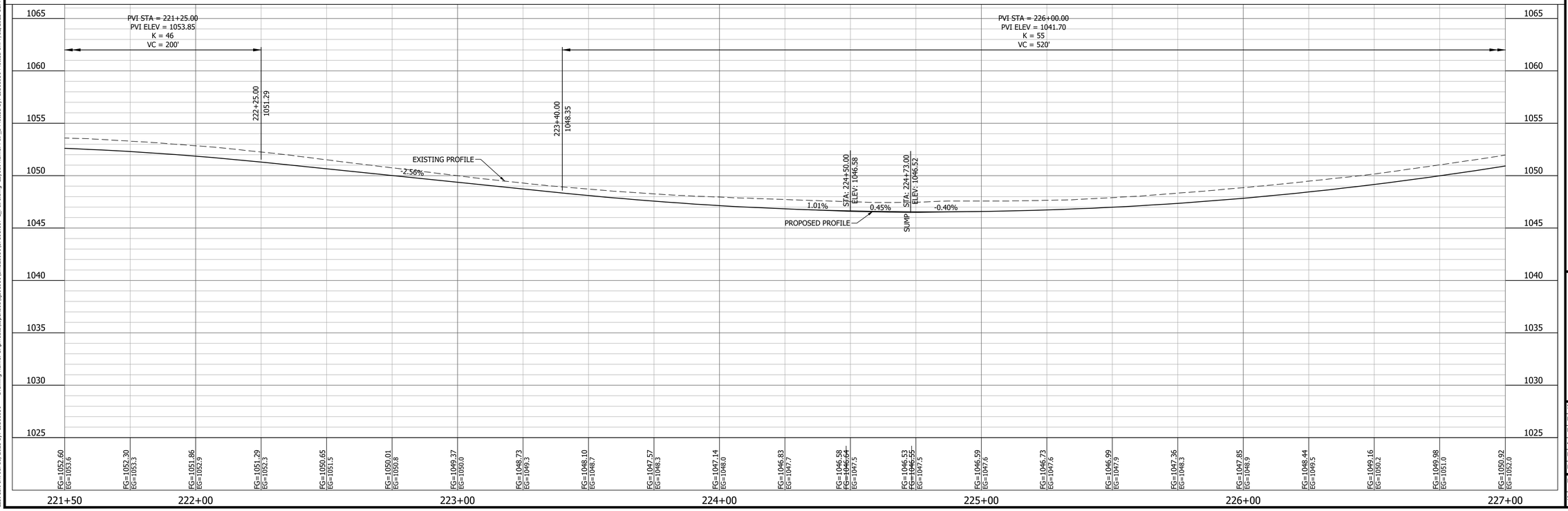
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STA. 221+50 - 227+00

SCALE: HORZ-1"=20' VERT-1"=5'

SCALE: 1" = 20'



CONNECTICUT AVENUE PLAN & PROFILES STA. 221+50 TO STA. 227+00

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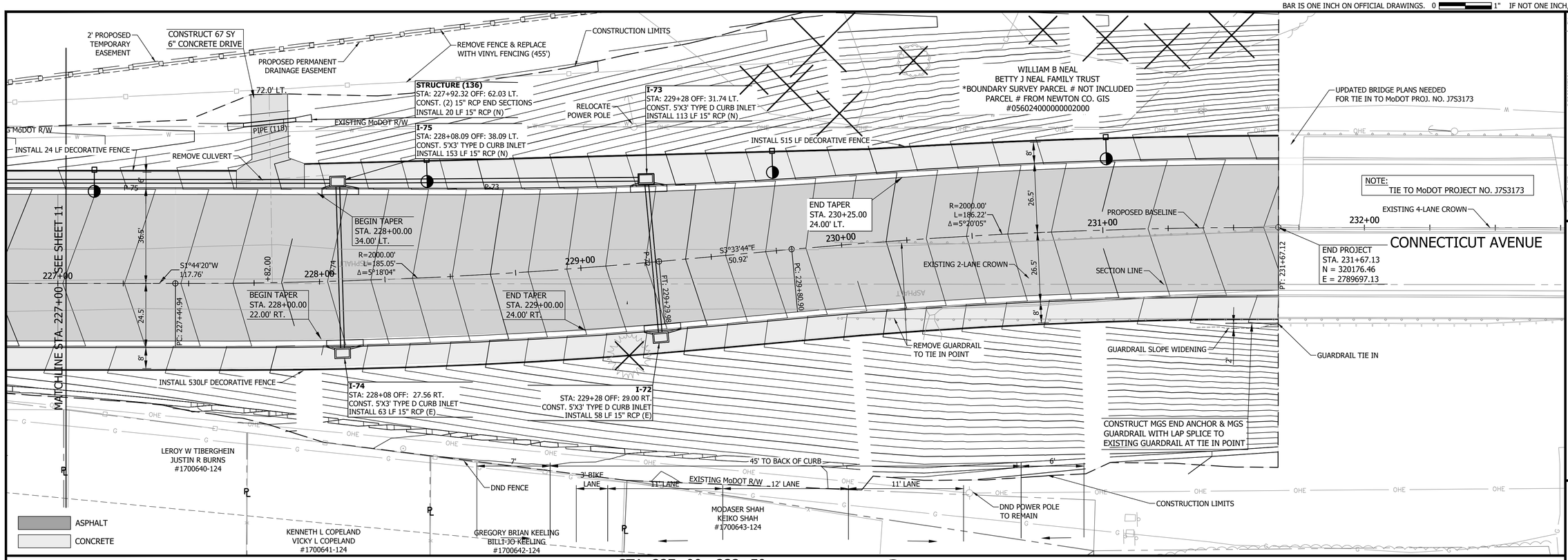
NEIL S. BRADY
NUMBER PE-2000162078
STATE OF MISSOURI
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
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DESIGN PROJ:	17595.007
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Last edit on: Jul 10, 2023 by: CS501959 Drawing Name: C:\pwdata\topeka01\cs501959\dms2195\17595.007 C_P&Ps.dwg Layout Name: P&P_5 Plotted By: CS501959 Plotted on: 7/12/2023 11:46:47 AM

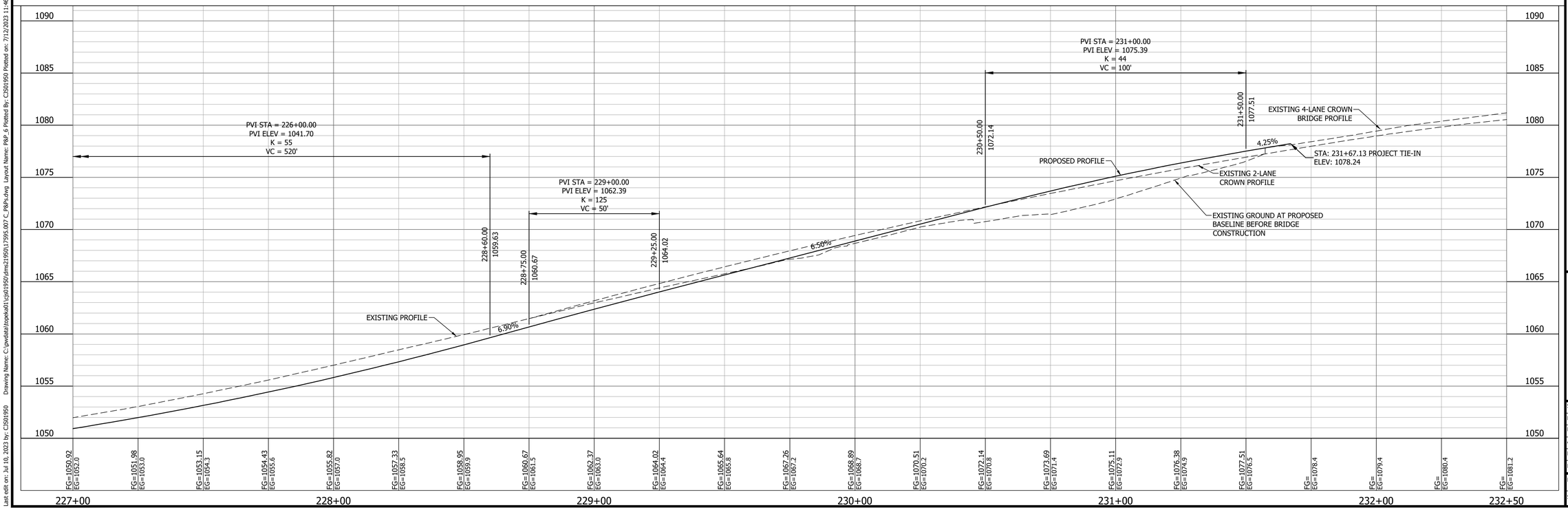
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STA. 227+00 - 232+50

SCALE: HORZ-1"=20' VERT-1"=5'

SCALE: 1" = 20'



DESCRIPTION	DATE	BY

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PLAN & PROFILES
STA. 227+00 TO STA. 231+63.95

CITY OF JOPLIN - PROJECT NO TC0606
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NEWTON COUNTY, JOPLIN, MISSOURI

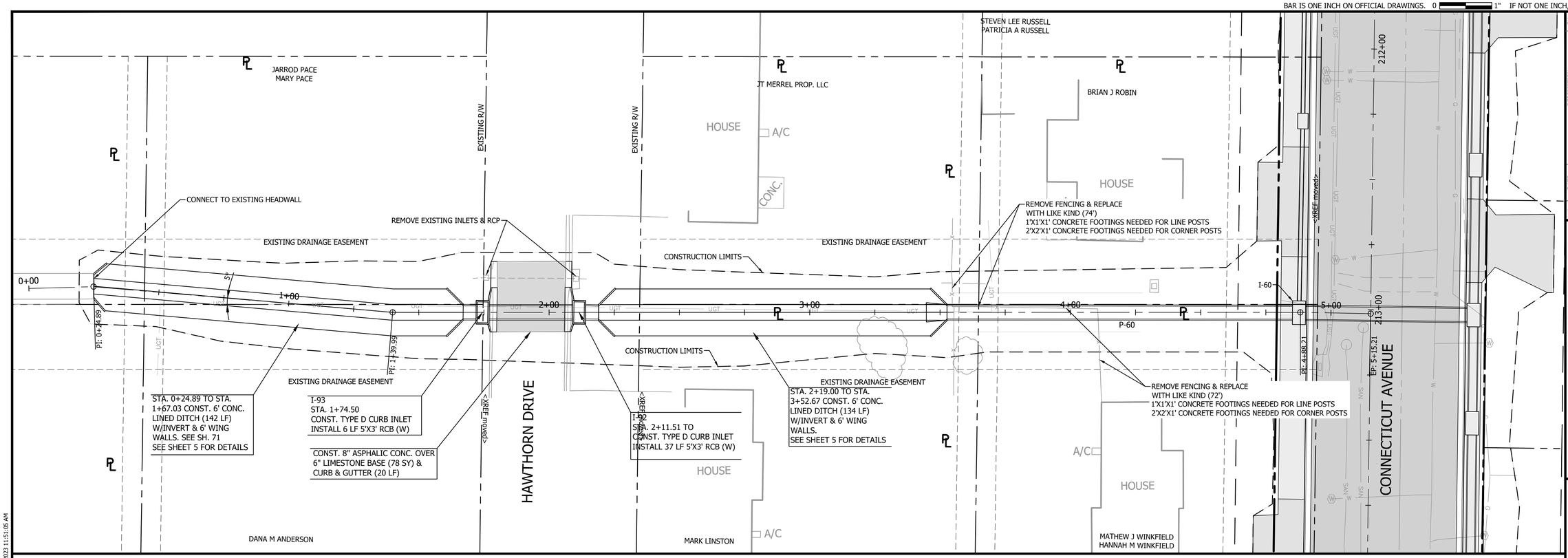
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
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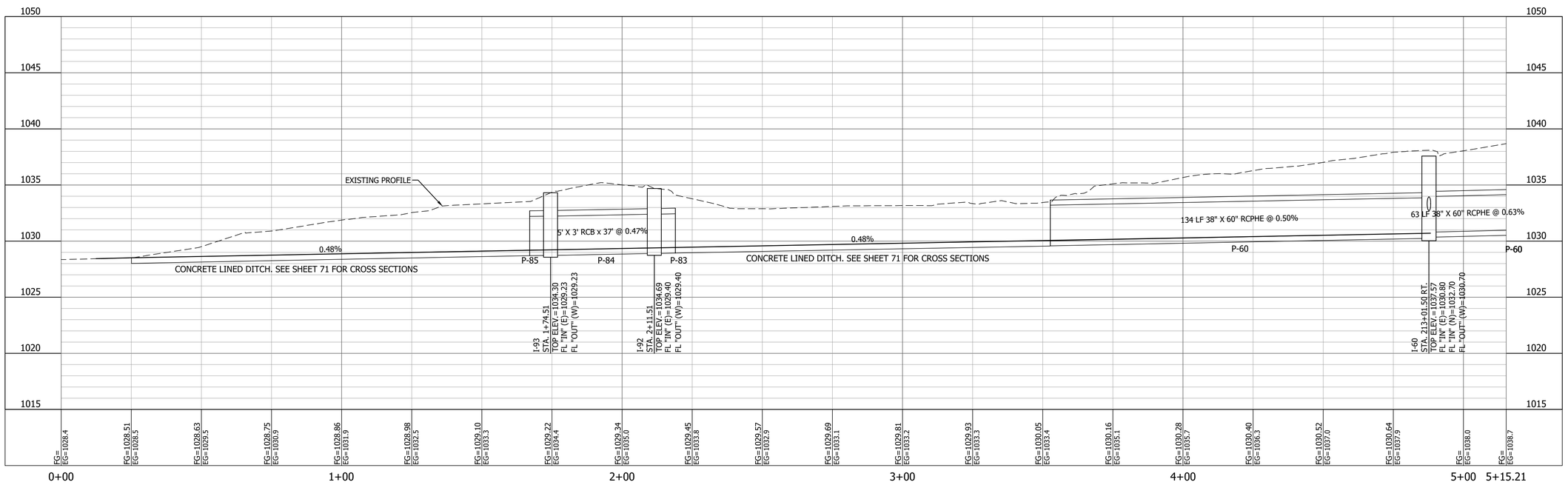


ADDITIONAL DRAINAGE

SCALE: HORZ-1"=20' VERT-1"=5'

0 20' 40'

SCALE: 1" = 20'



CONNECTICUT AVENUE
ADDITIONAL DRAINAGE PLAN

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett&West
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MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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7/7/2023

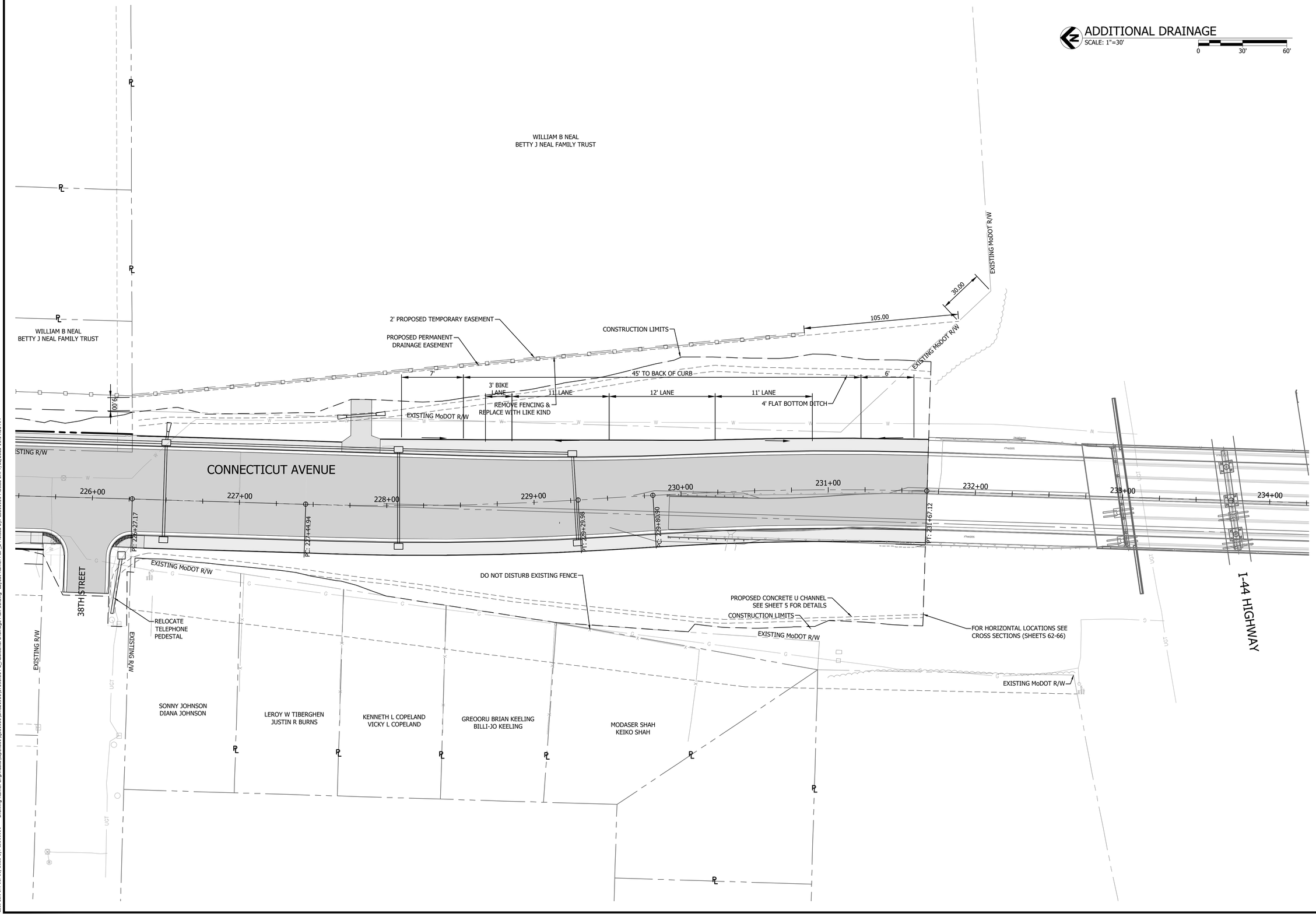
SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
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#	DATE	DESCRIPTION	BY

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1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 364-6644 FAX (800) 364-6645
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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CONNECTICUT AVENUE ADDITIONAL DRAINAGE PLAN

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

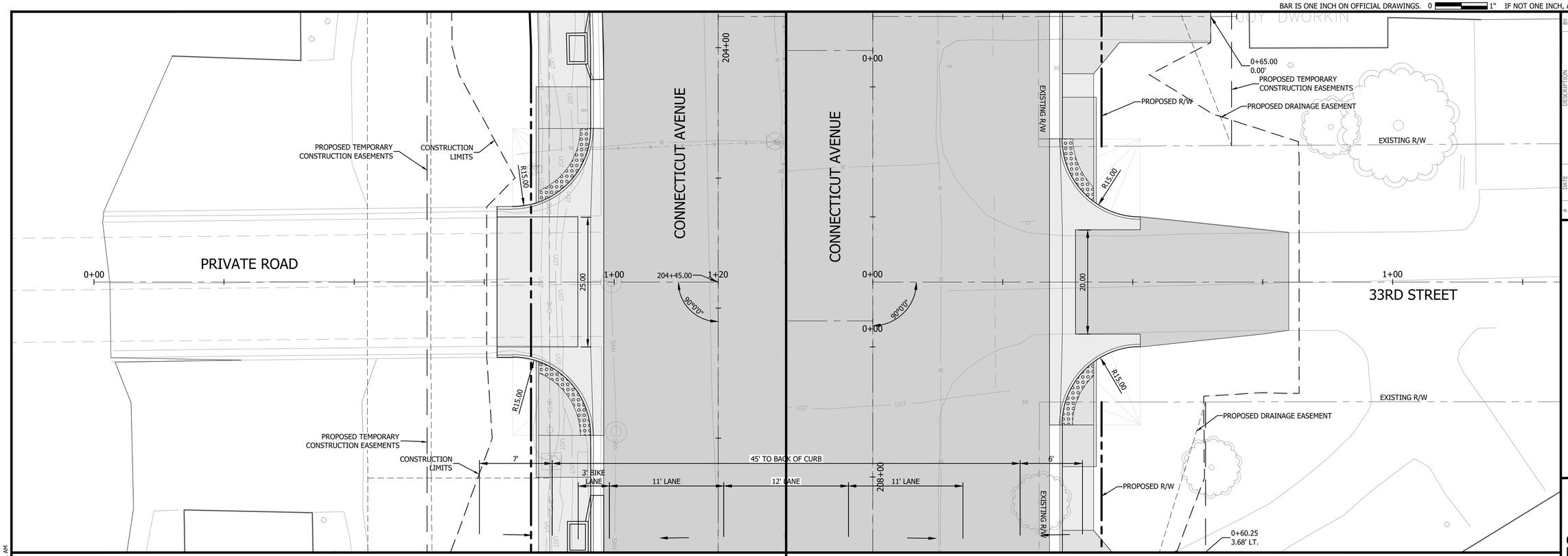
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
PROFESSIONAL ENGINEER
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	JDR
DRAWN BY:	JAG
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	14 of 71

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Last edit on: Jul 10, 2023 by: CSO1959 Drawing Name: C:\pwidata\tsopeka01\cjob1950\dms2195\17595.004 C_Additional Drainage Plan-3b.dwg Layout Name: P&P_2 Plotted By: CSO1959 Plotted on: 7/12/2023 11:54:36 AM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



PRIVATE ROAD

SCALE: HORZ-1"=10' VERT-1"=5'

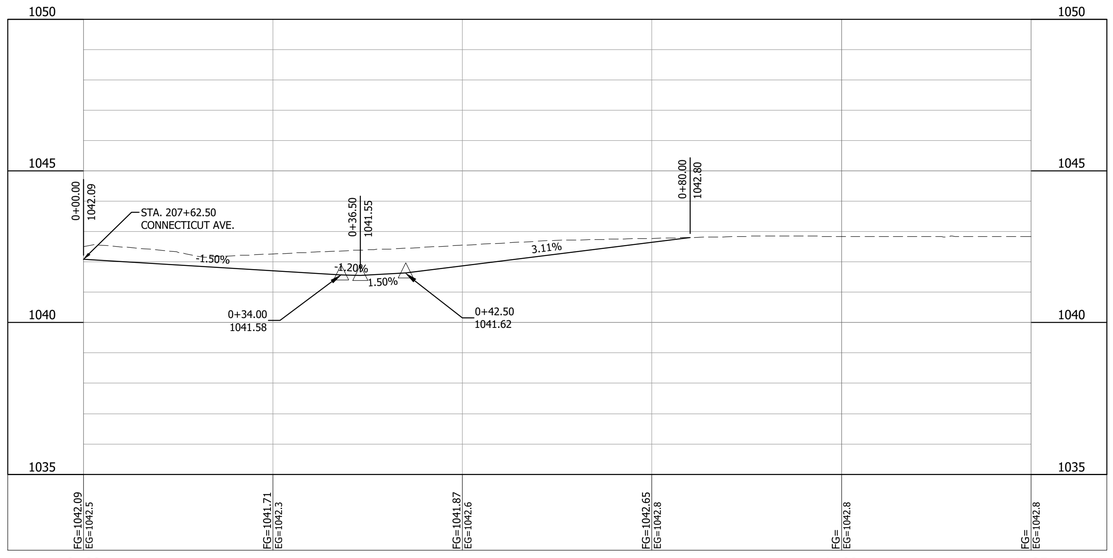
SCALE: 1" = 10'



33RD STREET

SCALE: HORZ-1"=10' VERT-1"=5'

SCALE: 1" = 10'



SIDE ROAD PLAN & PROFILES
PRIVATE ROAD & 33RD STREET

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
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STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
PROFESSIONAL ENGINEER
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	JDR
DRAWN BY:	JAG
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	15 of 71

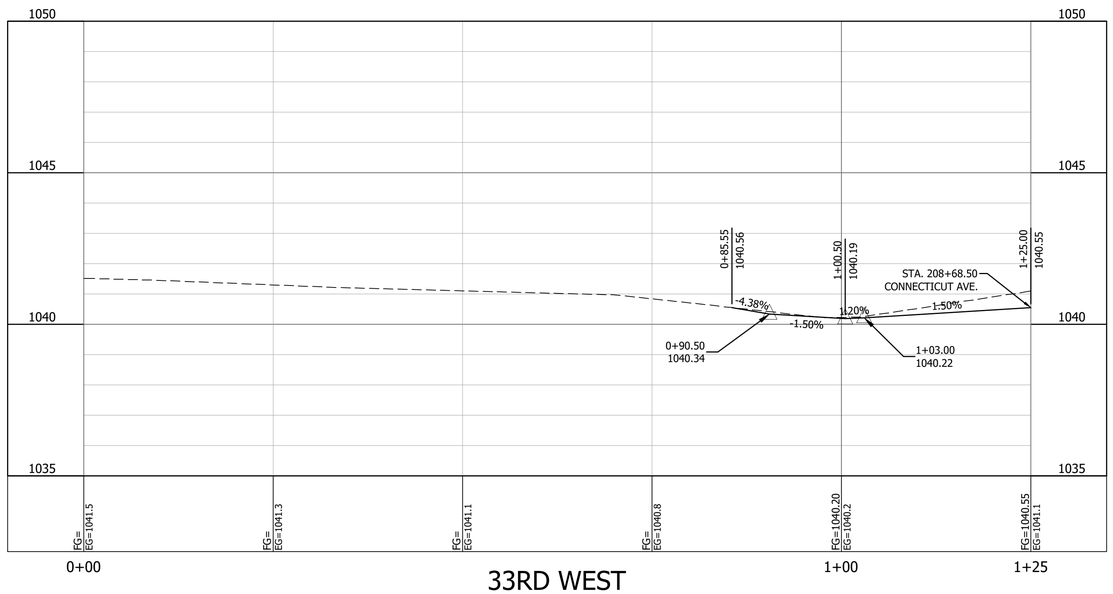
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Last edit on: Jul 10, 2023 by: CS01950 Drawing Name: C:\jwdata\topeka01\cjs01950\dms2195917\595.007 C_P&P-Sidenads.dwg Layout Name: P&P_1 Plotted By: CS01950 Plotted on: 7/12/2023 11:56:31 AM

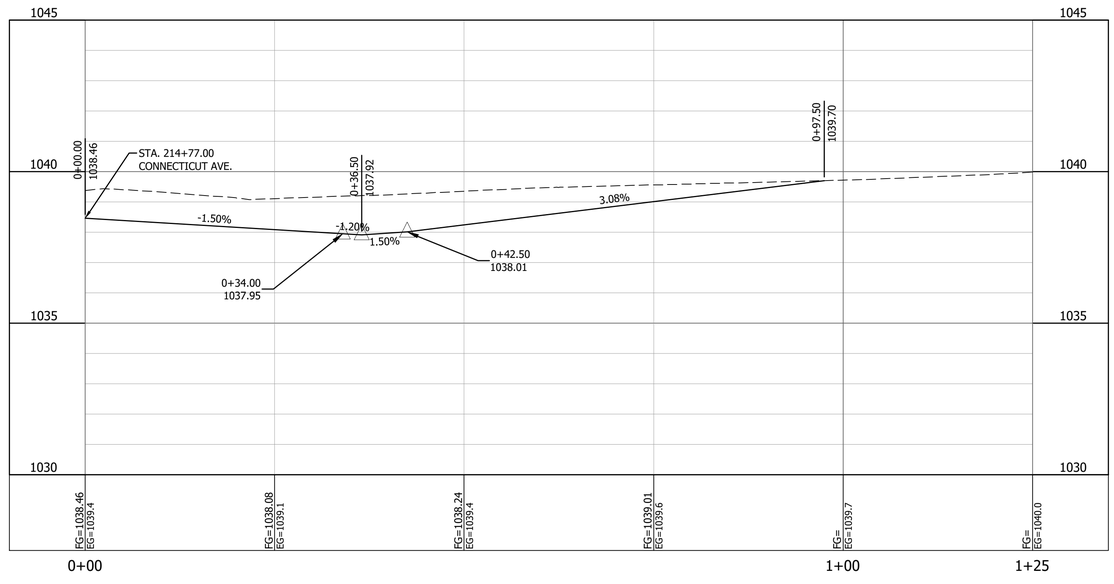
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33RD STREET
SCALE: HORZ-1"=10' VERT-1"=5'
0 10' 20'
SCALE: 1" = 10'



34TH STREET
SCALE: HORZ-1"=10' VERT-1"=5'
0 10' 20'
SCALE: 1" = 10'



#	DESCRIPTION	BY	DATE

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SIDE ROAD PLAN & PROFILES
33RD STREET & 34TH STREET

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

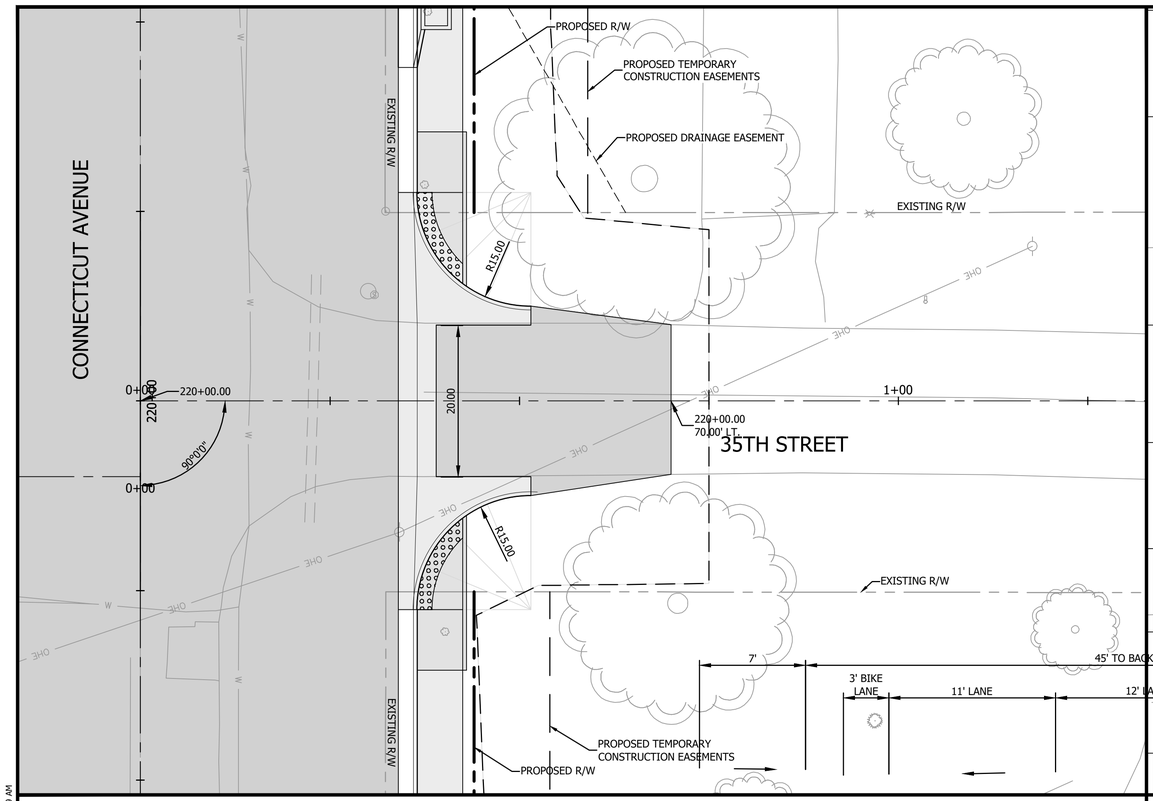
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

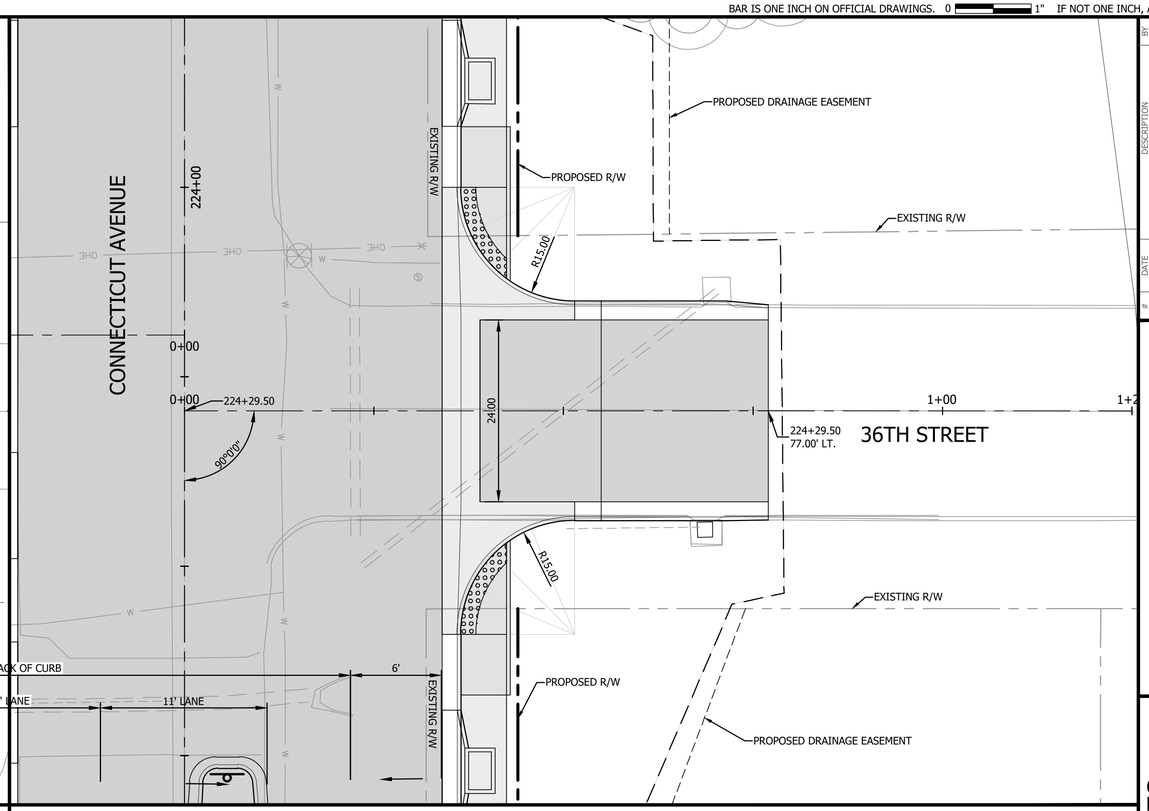
SEALED DATE:	07/07/2023
DESIGNED BY:	JDR
DRAWN BY:	JAG
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	16 of 71

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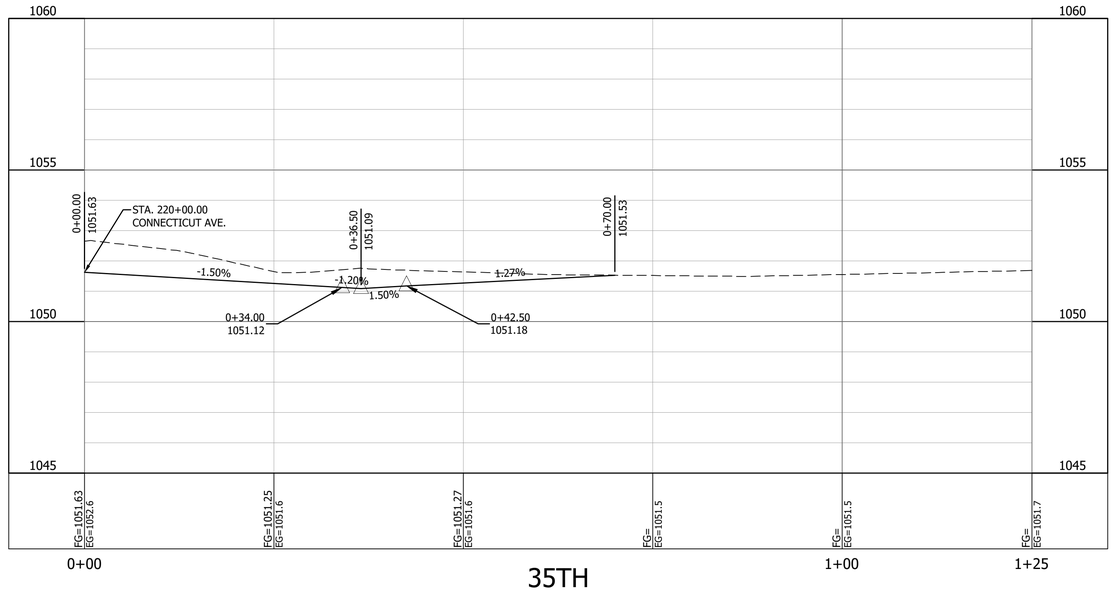
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.





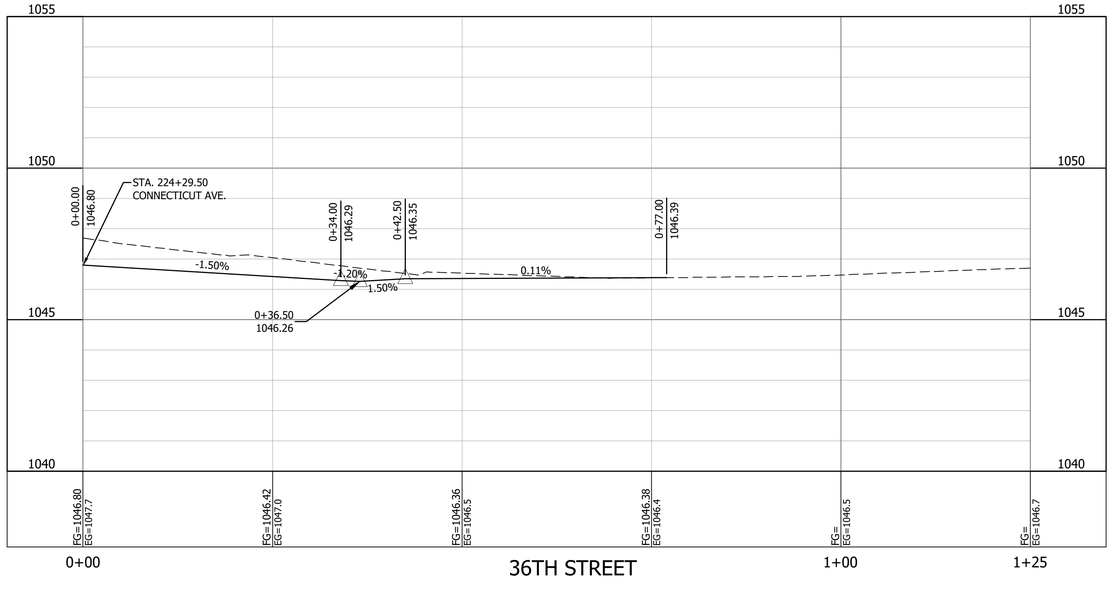
35TH STREET
SCALE: HORZ-1"=10' VERT-1"=5'

SCALE: 1" = 10'



36TH STREET
SCALE: HORZ-1"=10' VERT-1"=5'

SCALE: 1" = 10'



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SIDE ROAD PLAN & PROFILES
35TH STREET & 36TH STREET

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

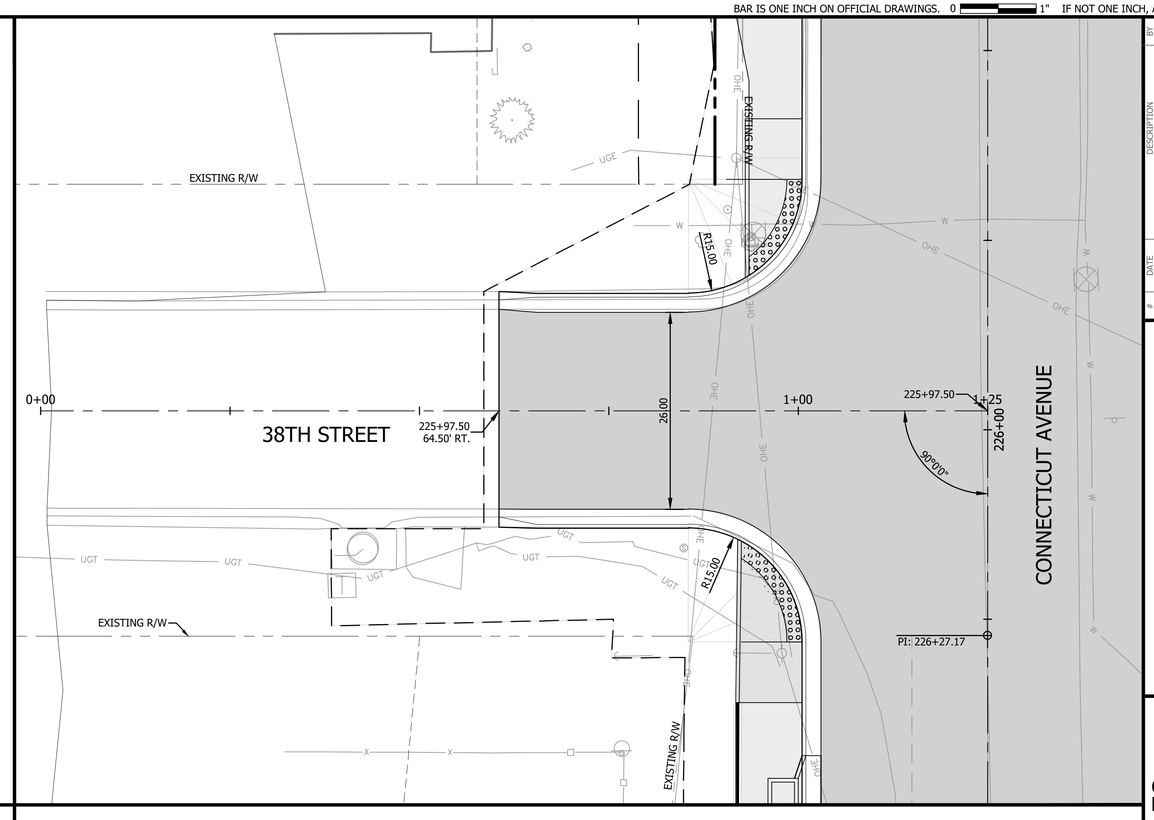
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	JDR
DRAWN BY:	JAG
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	17 of 71

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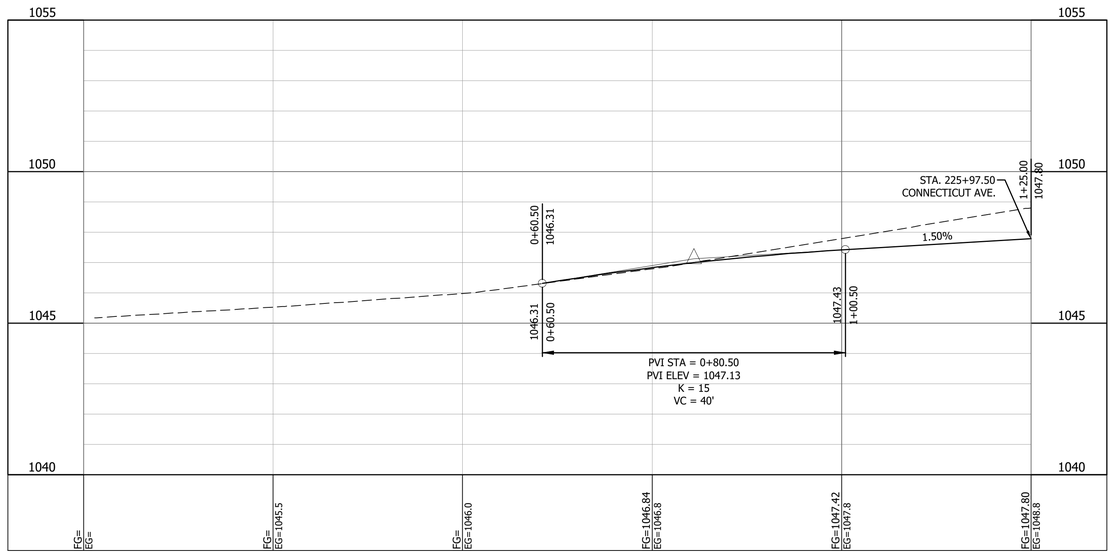
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38TH STREET
SCALE: HORZ-1"=10' VERT-1"=5'

0 10' 20'
SCALE: 1" = 10'



SIDE ROAD PLAN & PROFILES
38TH STREET

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

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NUMBER PE-2000162078
7/7/2023

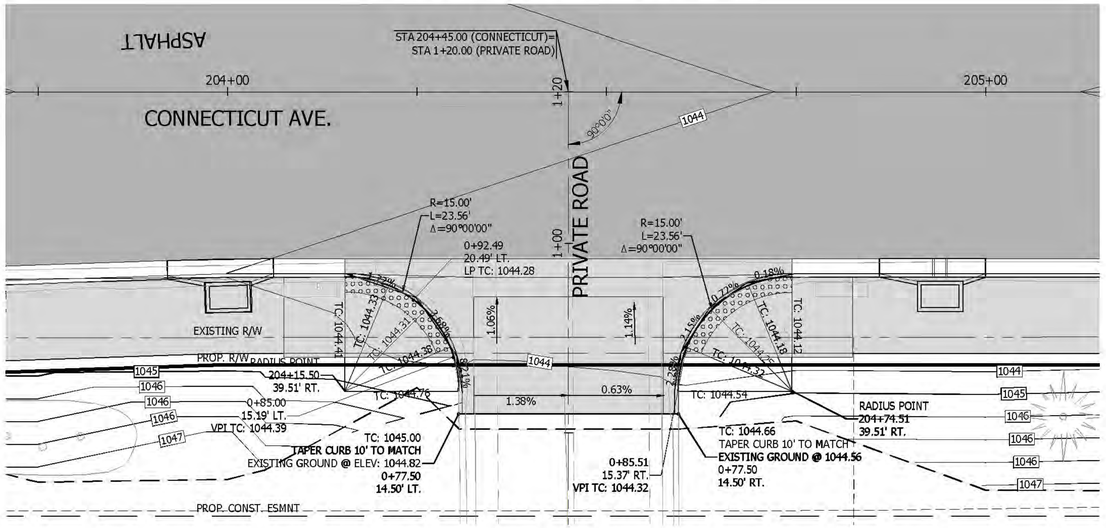
SEALED DATE:	07/07/2023
DESIGNED BY:	JDR
DRAWN BY:	JAG
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	18 of 71

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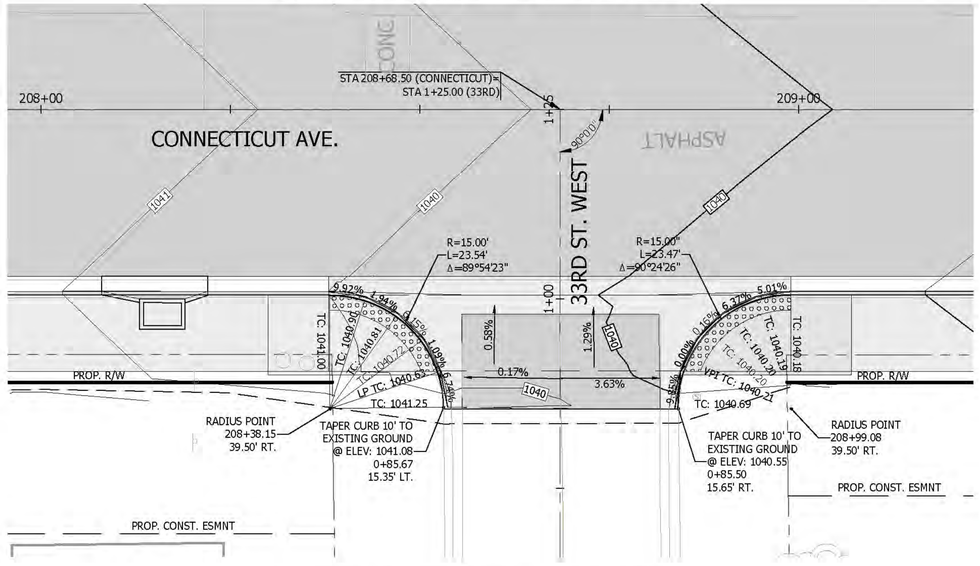
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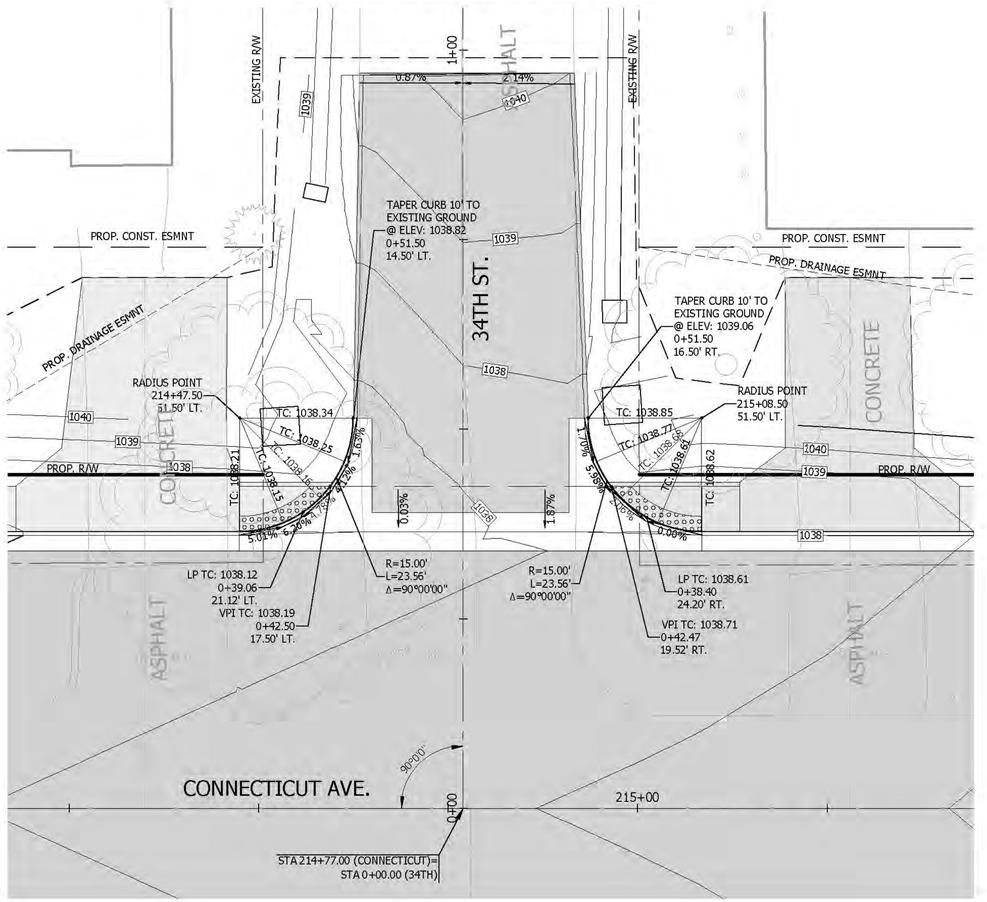
CONNECTICUT AVE. AND PRIVATE ROAD



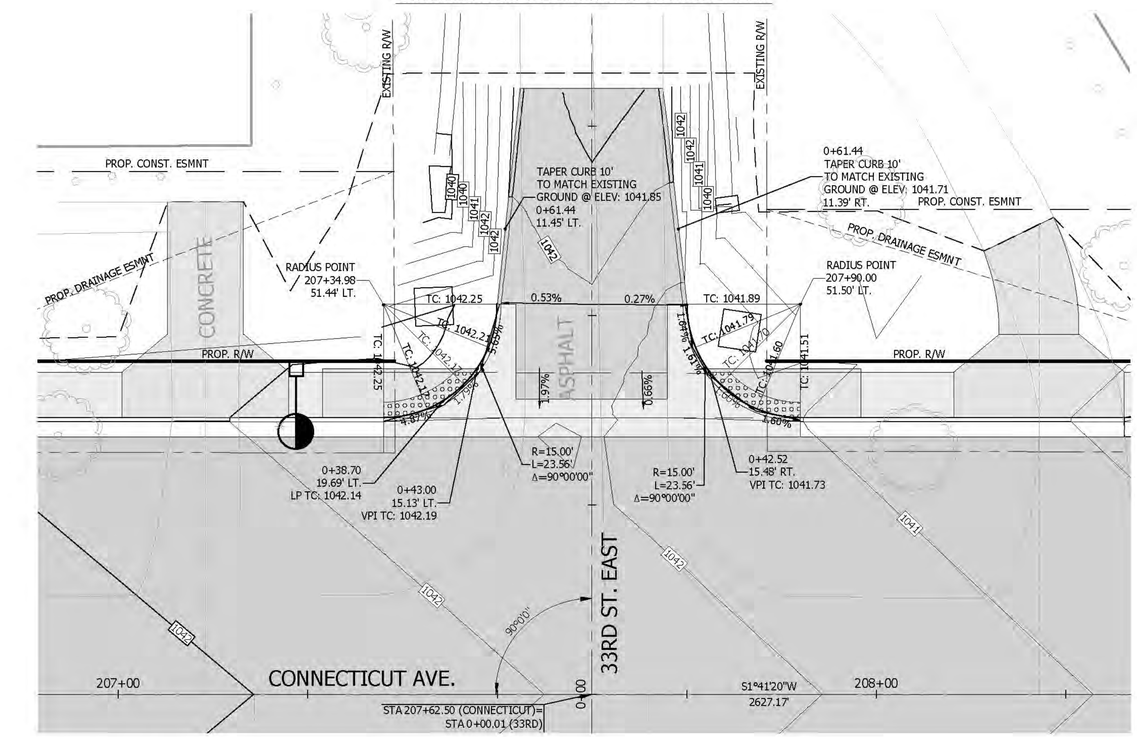
CONNECTICUT AVE. AND 33RD STREET WEST



CONNECTICUT AVE. AND 34TH STREET



CONNECTICUT AVE. 33RD STREET EAST



0 10' 20'
SCALE: 1" = 10'

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CONNECTICUT AVENUE INTERSECTION DETAILS

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

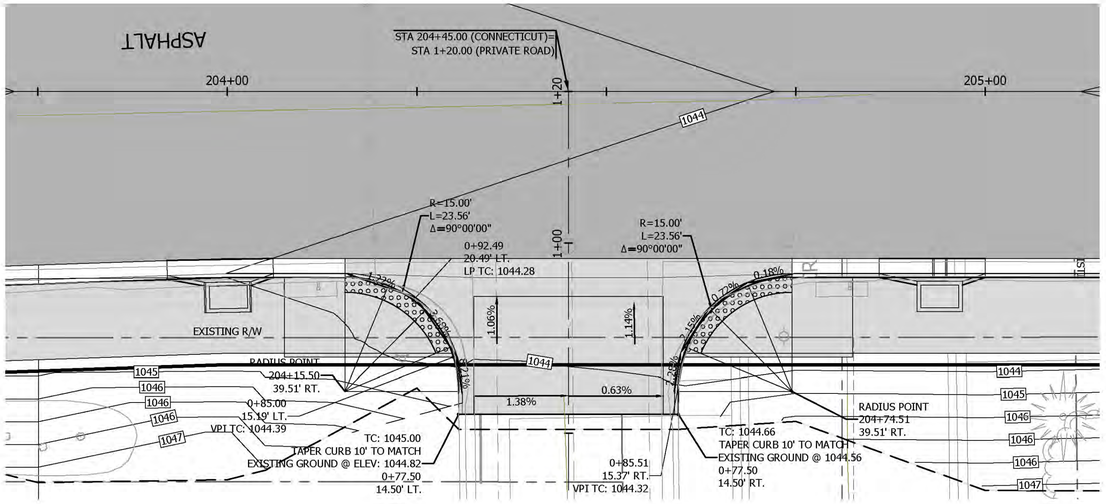
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	19 of 71

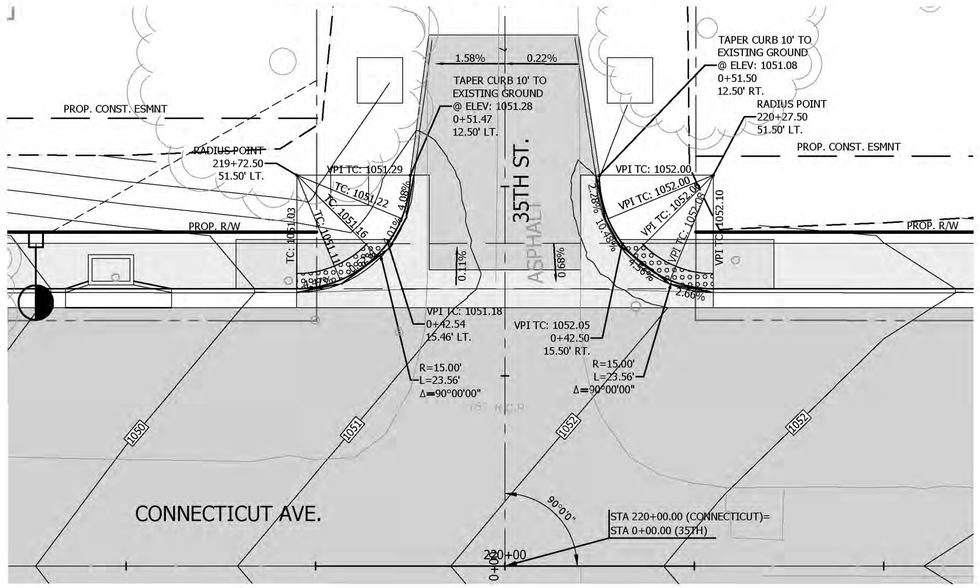
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Last edit on: Jul 7, 2023 by: CSS01950 Drawing Name: C:\pwidata\bpeka001\dgn01950\dms2195\17595.007 C_IntersectionDetails2.dwg Layout Name: INTERSECTION DETAIL 1 Plotted By: CSS01950 Plotted on: 7/12/2023 12:04:02 PM

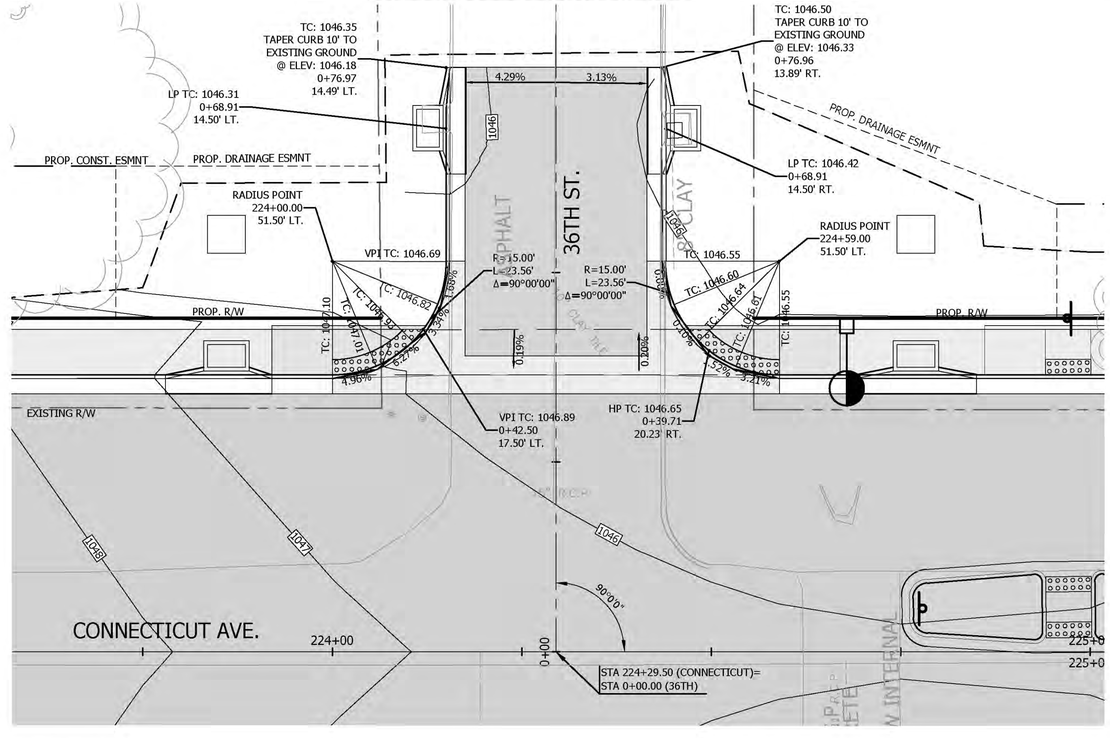
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



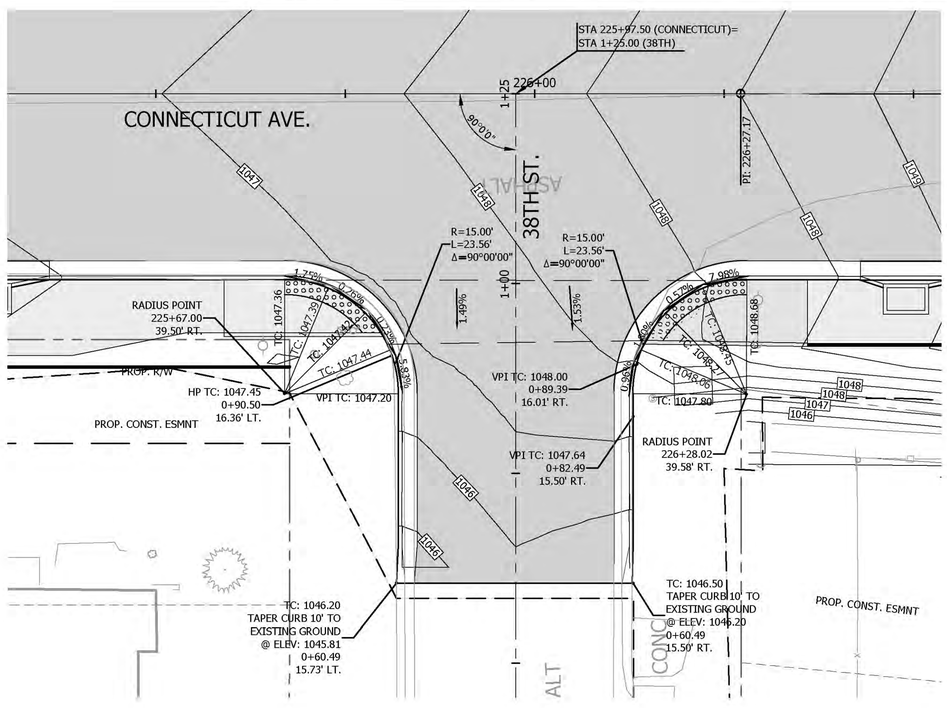
CONNECTICUT AVE. AND 35TH STREET



CONNECTICUT AVE. 36TH STREET



CONNECTICUT AVE. AND 38TH STREET



0 10' 20'
SCALE: 1" = 10'

#	DESCRIPTION	DATE	BY

Bartlett&West
1719 SOUTHRIDGE DR., SUITE 100 - JEFFERSON CITY, MO 65109-4000
PHONE: 573.635.7910 FAX: 573.635.2156
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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CONNECTICUT AVENUE INTERSECTION DETAILS

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

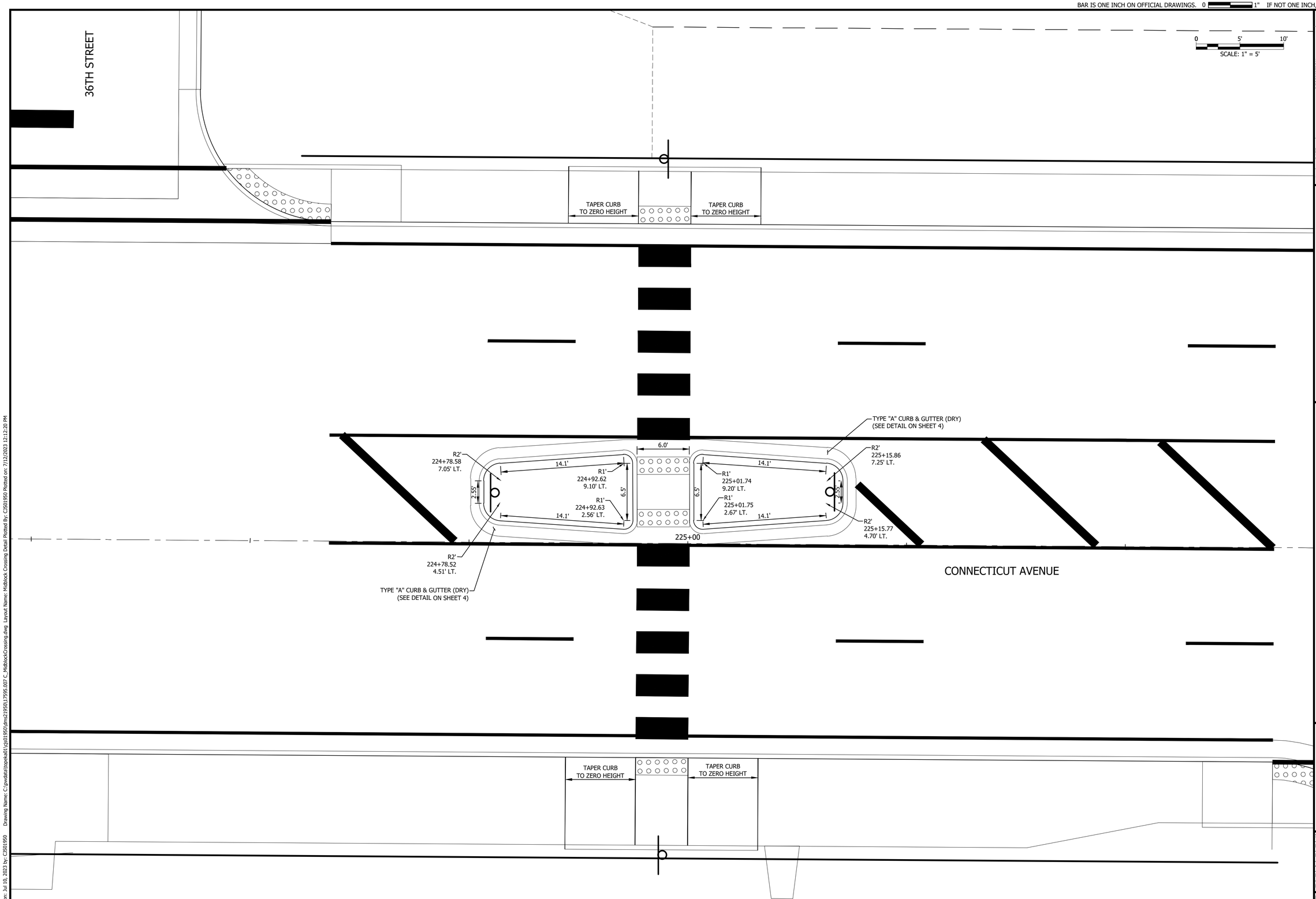
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
PROFESSIONAL ENGINEER
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	20 of 71

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Last edit on: Jul 7, 2023 by: CSG01950 Drawing Name: C:\pwdata\topeka01\wp01950\proj\17595.007 C_IntersectionDetails2.dwg Layout Name: INTERSECTION DETAIL 2 Plotted By: CSG01950 Plotted on: 7/12/2023 12:04:43 PM

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CONNECTICUT AVENUE MIDBLOCK CROSSING DETAIL

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
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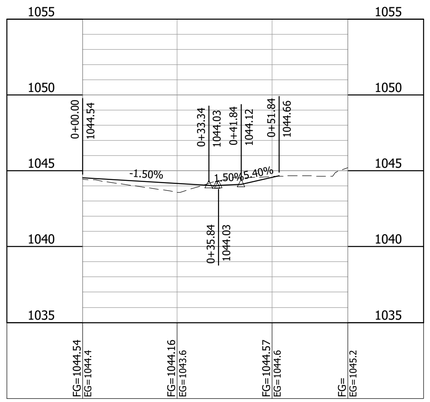
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DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
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DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	21 of 71

#	DATE	DESCRIPTION	BY

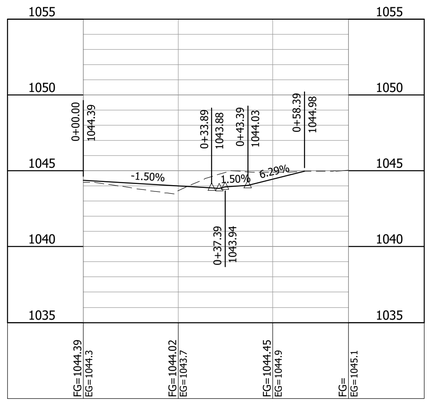
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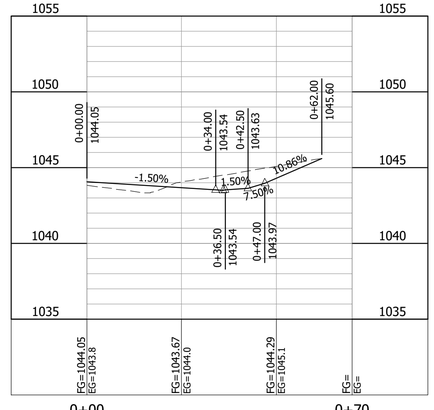
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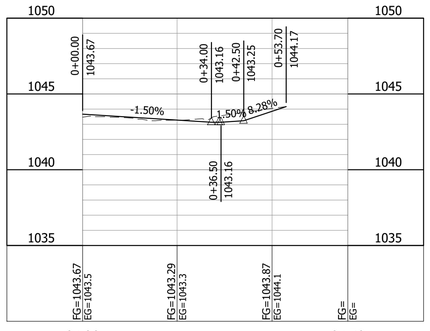
STA. 203+65



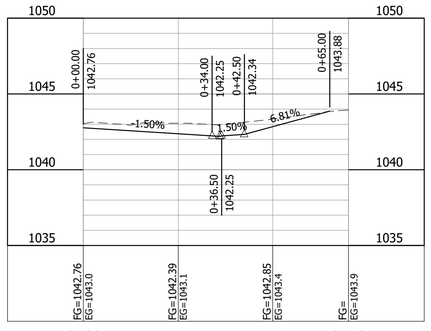
STA. 203+94



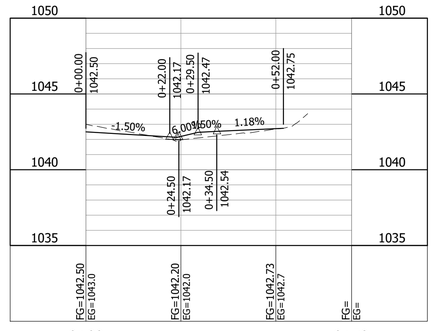
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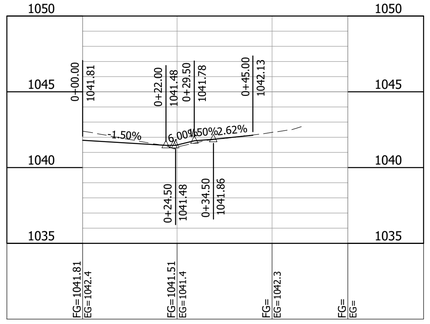
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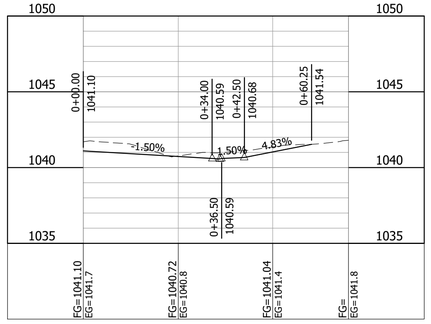
STA. 207+12



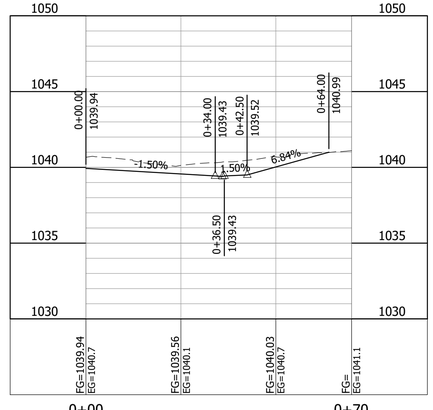
STA. 207+18



STA. 207+70



STA. 208+22



STA. 209+10

DRIVEWAY PROFILES
STA. 203+65 TO STA. 209+10

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 364-4644 FAX (800) 364-4646
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartwest.com

STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

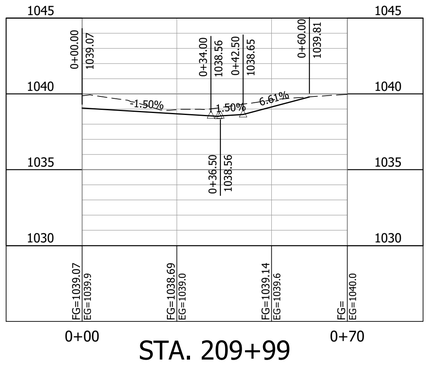
SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	22 of 71

#	DATE	DESCRIPTION	BY

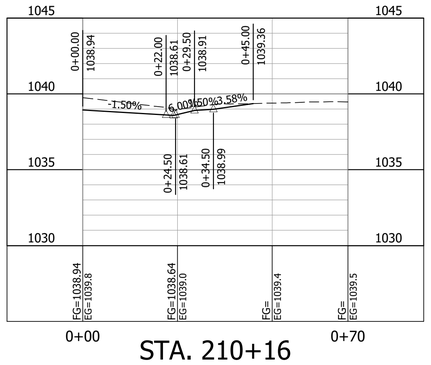
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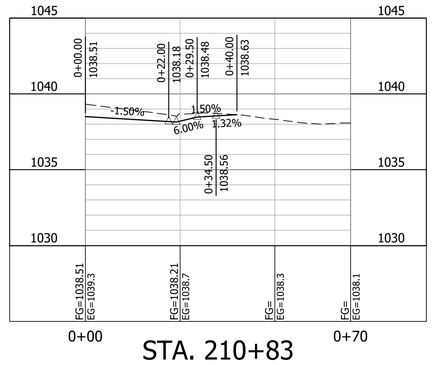
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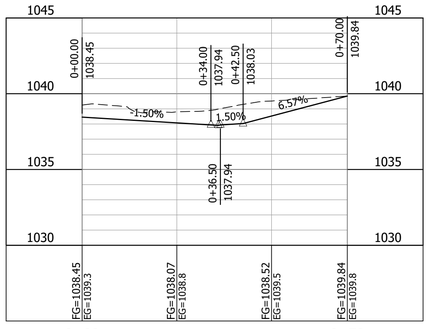
STA. 209+99



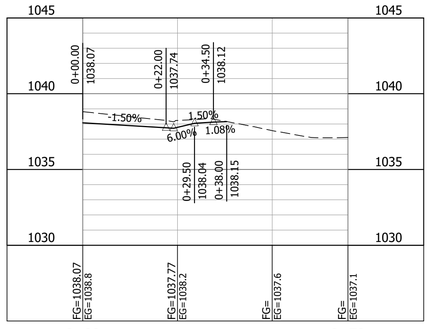
STA. 210+16



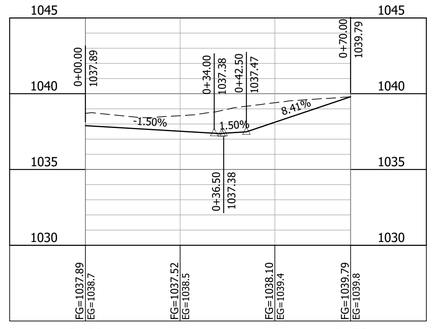
STA. 210+83



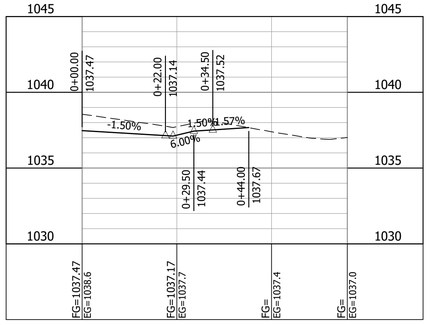
STA. 210+93



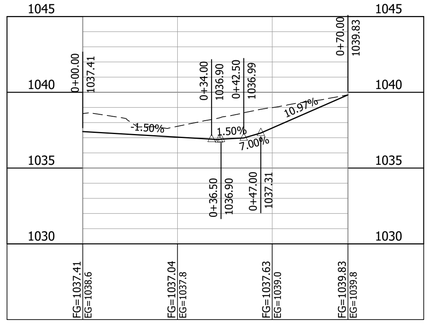
STA. 211+57



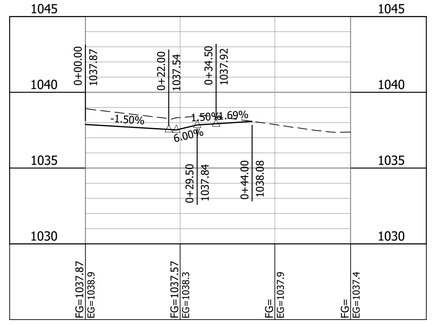
STA. 211+87



STA. 212+59



STA. 212+73



STA. 213+88

DRIVEWAY PROFILES
STA. 209+99 TO STA. 213+88

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

#	DATE	DESCRIPTION	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (417) 890-0808 FAX (417) 890-0844
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartwest.com

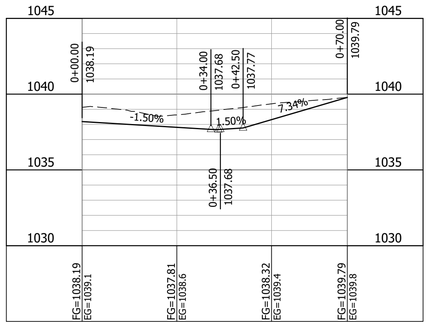
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STATE OF MISSOURI
NEIL S BRADY
NUMBER PE-2000162078
7/7/2023

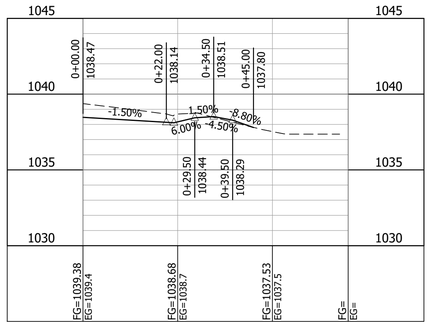
SEALED DATE:	07/07/2023
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DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	23 of 71

Last edit on: Jul 10, 2023 by: CISOI1950 Drawing Name: C:\pwdata\bpeks401\cgsOI1950\dms219501\17595.007 C_P&P Driveways.dwg Layout Name: Layout2 Plotted By: CISOI1950 Plotted on: 7/12/2023 12:17:00 PM

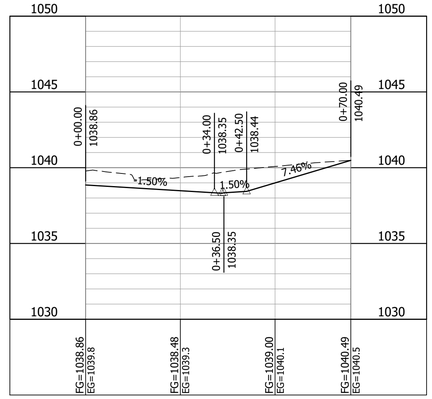
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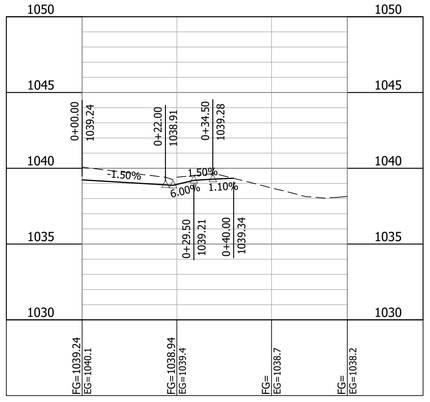
STA. 214+36



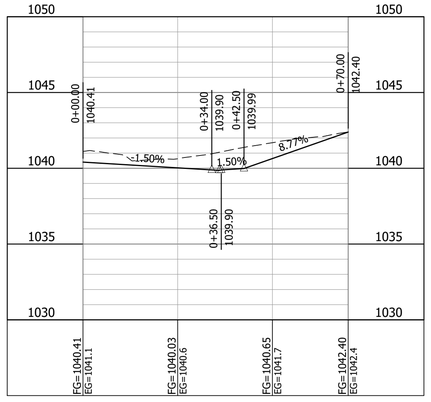
STA. 214+78



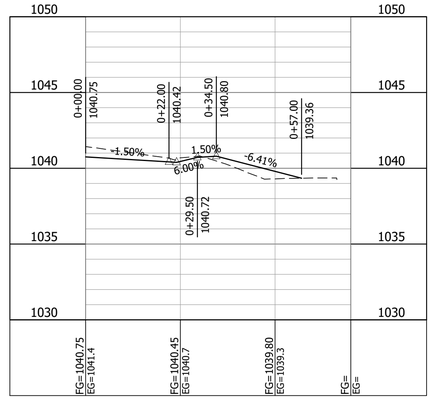
STA. 215+28



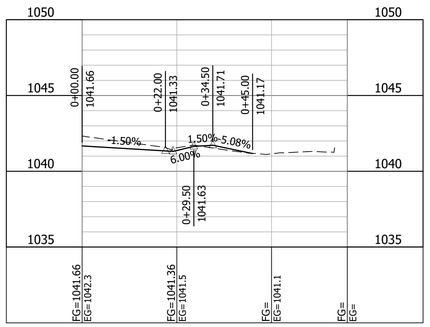
STA. 215+58



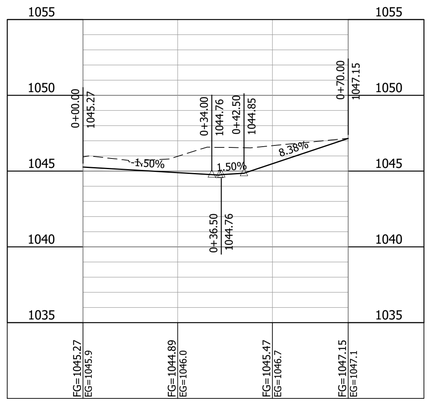
STA. 216+19



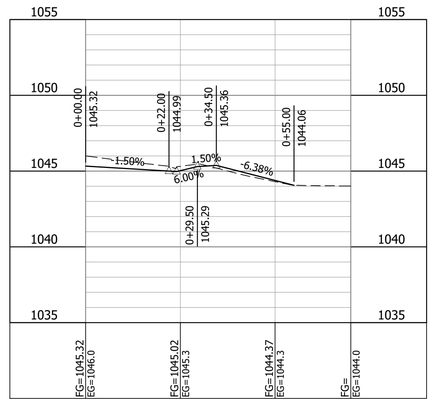
STA. 216+33



STA. 216+65



STA. 217+70



STA. 217+72

DRIVEWAY PROFILES STA. 214+36 TO STA. 217+72

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

#	DATE	DESCRIPTION	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (417) 890-0808 FAX (417) 890-0866
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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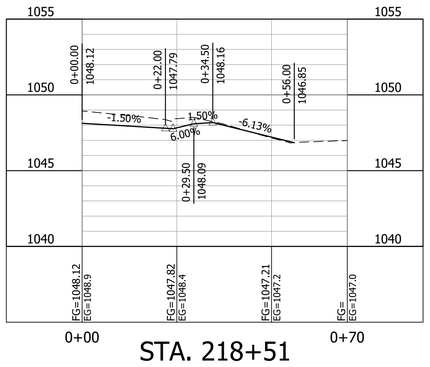
NEIL S. BRADY NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	24 of 71

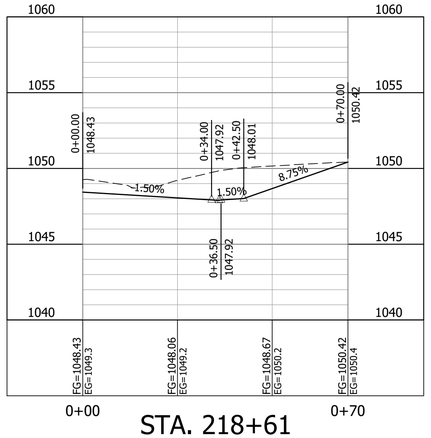
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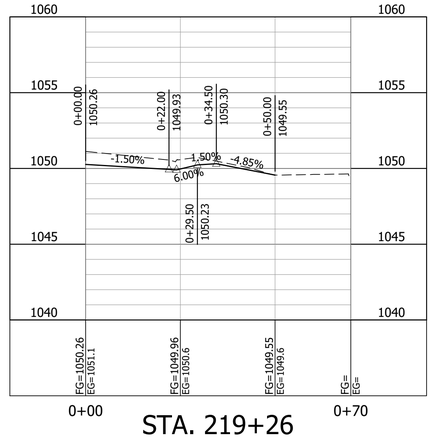
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STA. 218+51



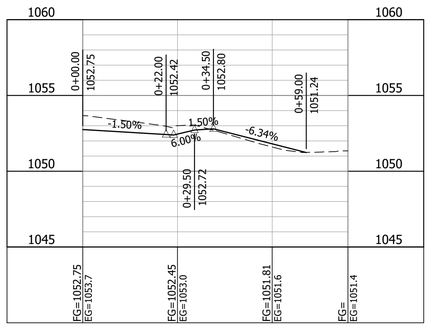
STA. 218+61



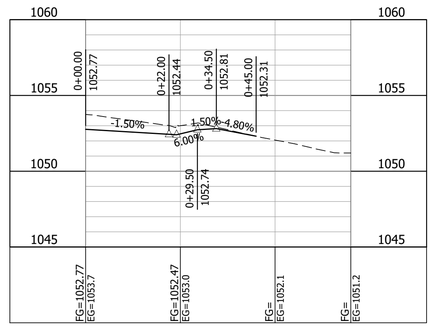
STA. 219+26



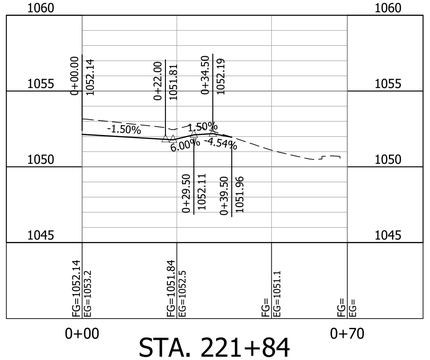
STA. 220+10



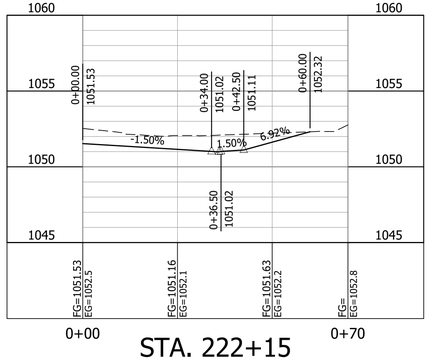
STA. 220+90



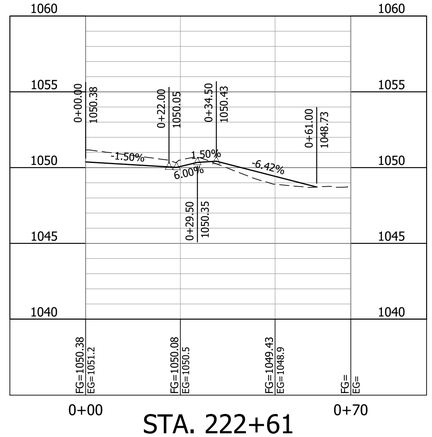
STA. 221+22



STA. 221+84



STA. 222+15



STA. 222+61

DRIVEWAY PROFILES
STA. 218+51 TO STA. 222+60

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 364-4644 FAX (800) 364-4644
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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#	DESCRIPTION	DATE	BY

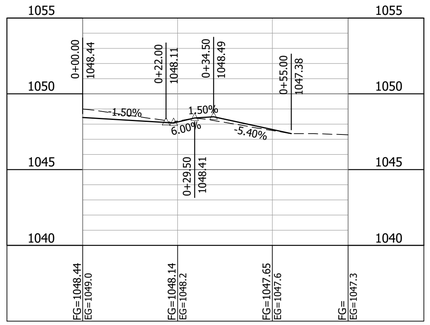
NEIL S. BRADY NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	25 of 71

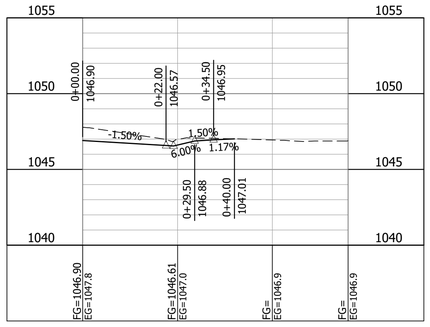
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Last edit on: Jul 10, 2023 by: CS01950 Drawing Name: C:\pwdata\topeka01\cs01950\dms21950\17595.007 C_P&P Driveways.dwg Layout Name: Layout4 Plotted By: CS01950 Plotted on: 7/12/2023 12:17:04 PM

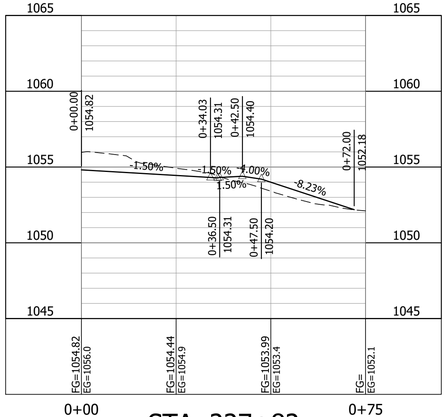
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STA. 223+37



STA. 224+20



STA. 227+82

DRIVEWAY PROFILES
STA. 223+37 TO STA. 227+82

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

#	DATE	DESCRIPTION	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (417) 206-6464 FAX (417) 206-6466
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartwest.com

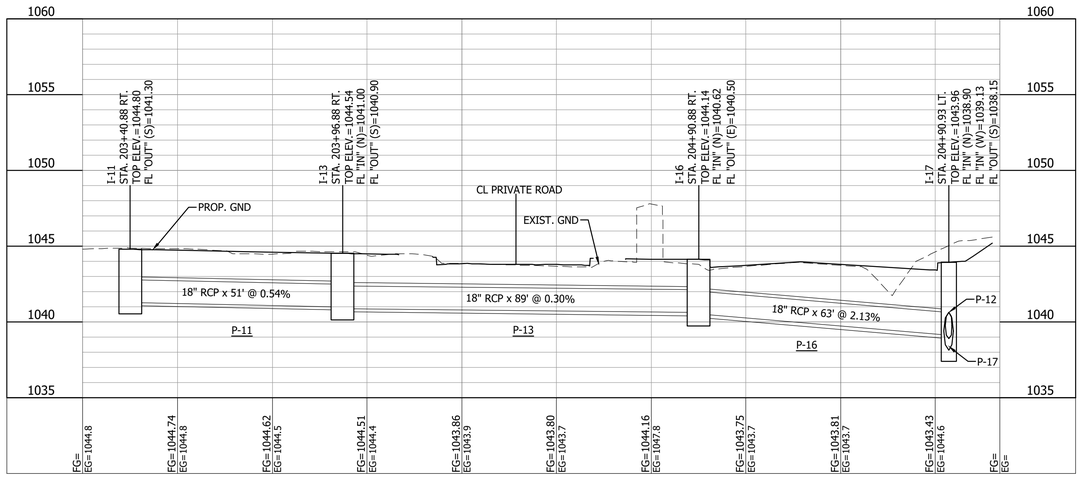
NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

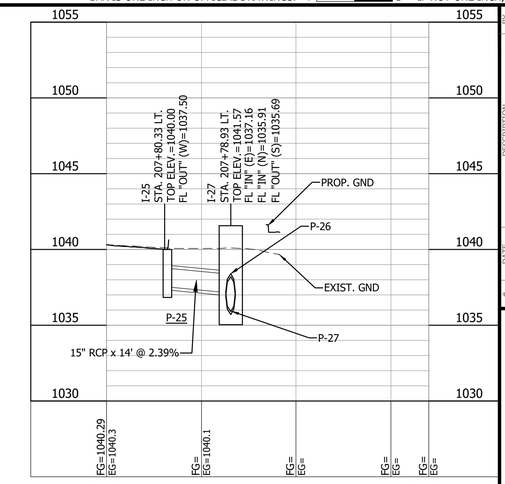
SEALED DATE:	07/07/2023
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APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	26 of 71

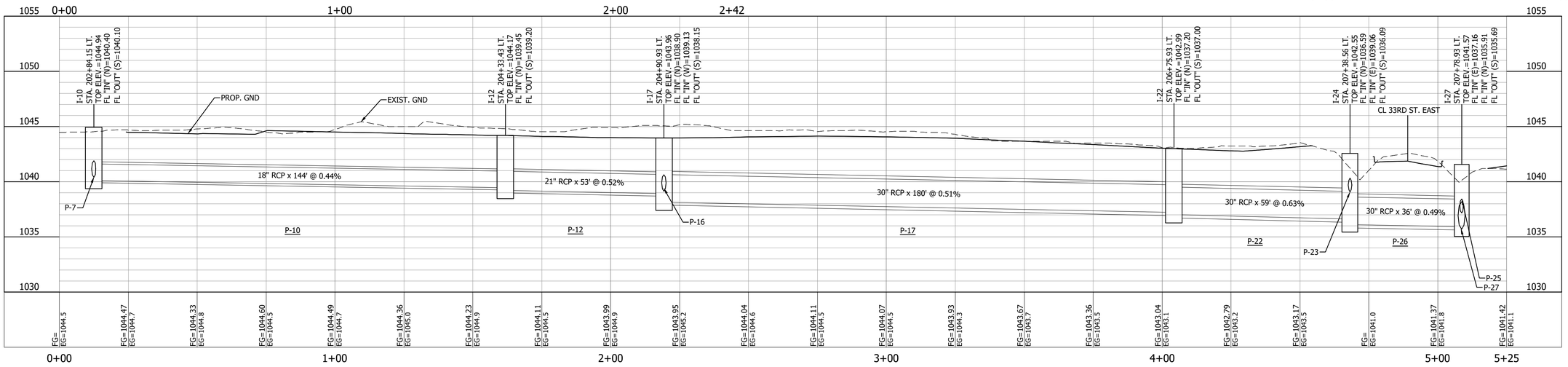
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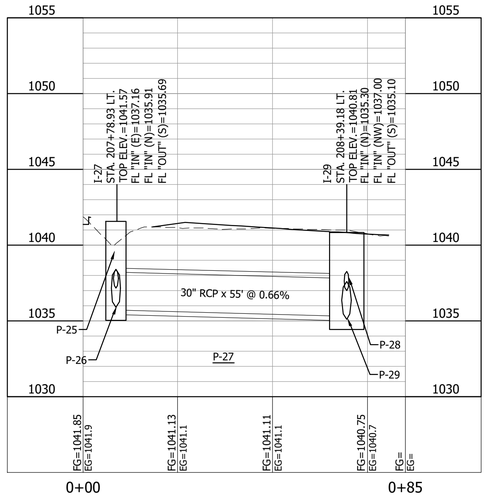
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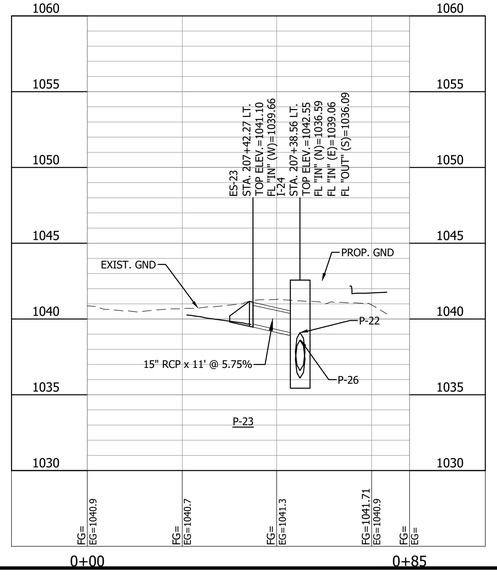
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0 20' 40'
SCALE: 1" = 20'

PIPE PROFILES

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

#	DESCRIPTION	DATE	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (888) 200.6464
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

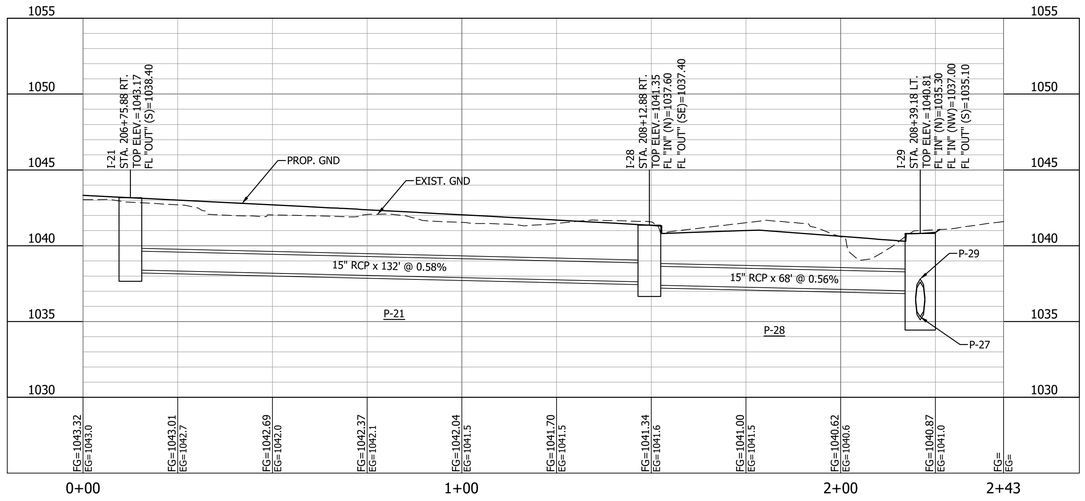
SEALED DATE:	07/07/2023
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DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	27
SHEET NO:	27 of 71

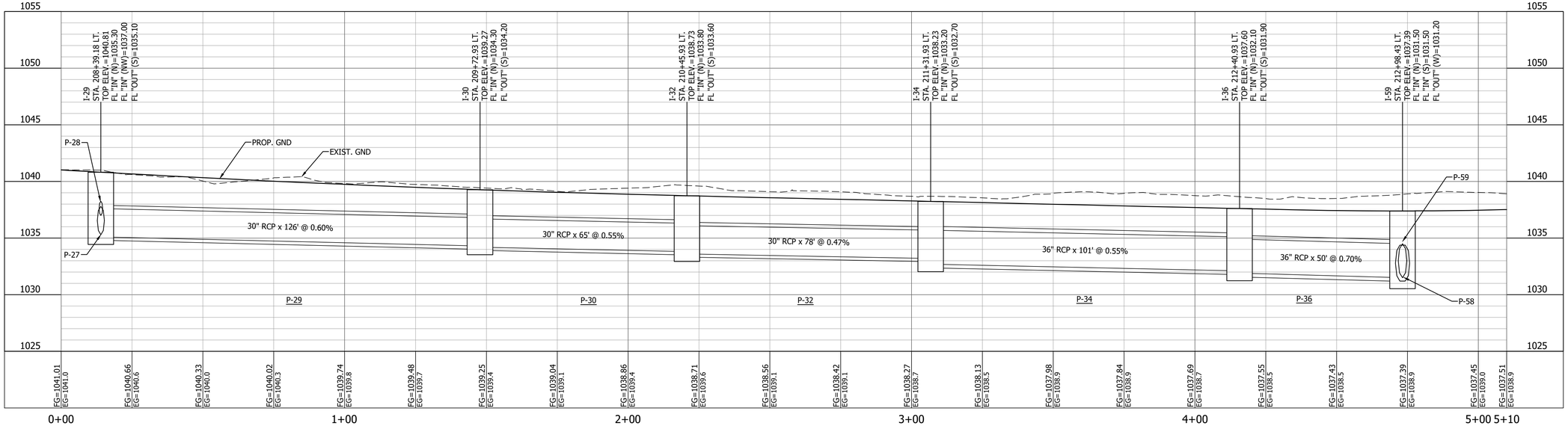
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BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

0 20' 40'
SCALE: 1" = 20'





PIPE PROFILES

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (888) 200.6464
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartlettwest.com

#	DATE	DESCRIPTION	BY

STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2001162078
3/7/2023

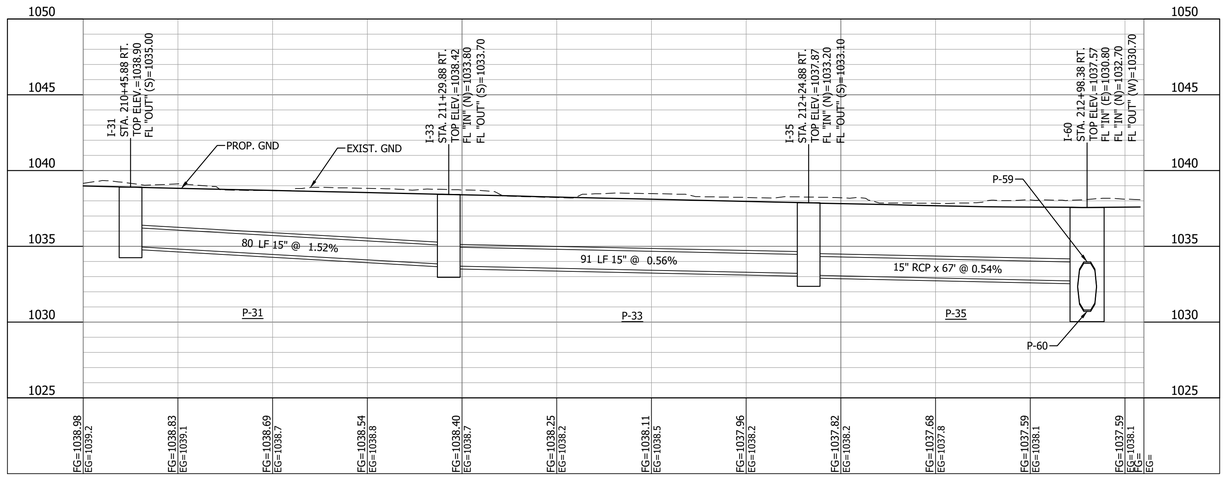
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DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	28
SHEET NO:	28 of 71

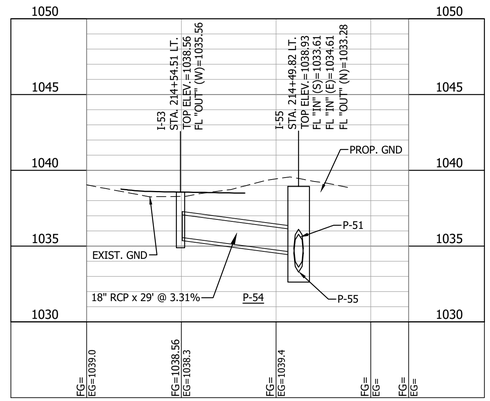
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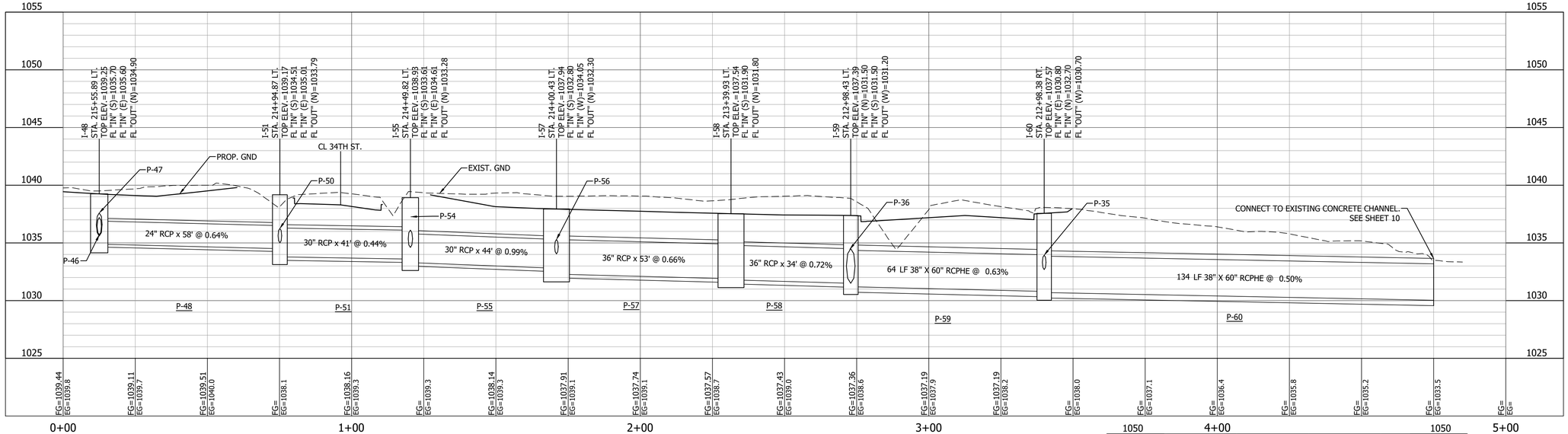
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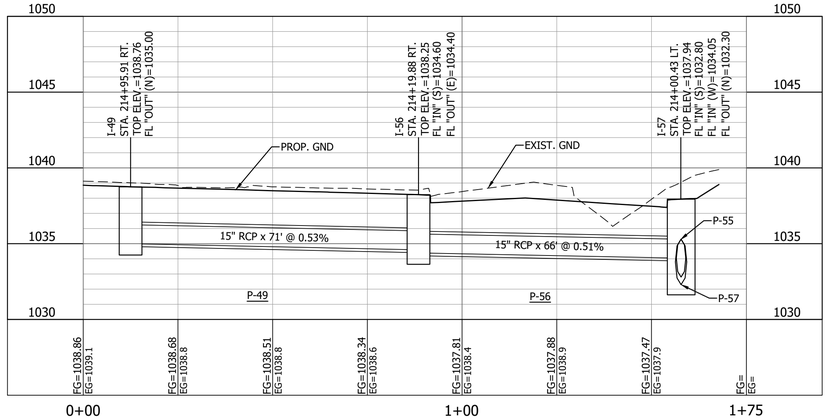
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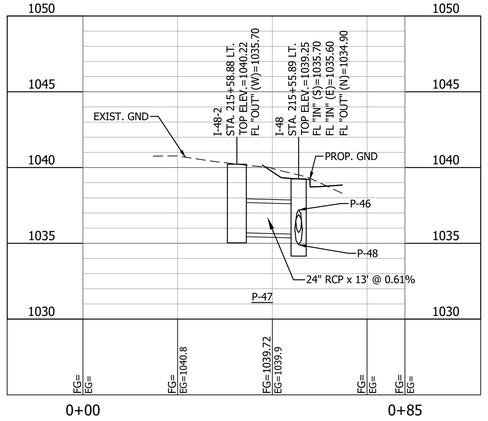
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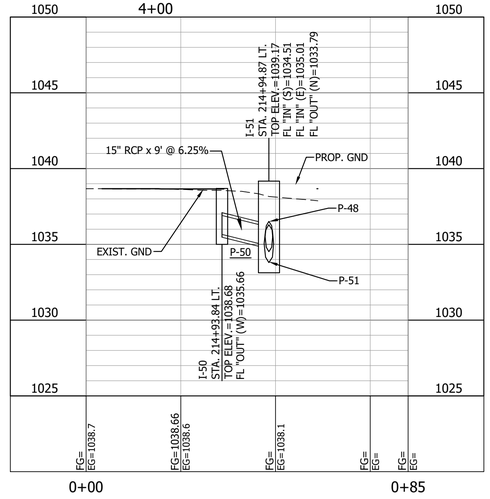












PIPE PROFILES

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

#	DATE	DESCRIPTION	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (888) 200.6464
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartlettwest.com

NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

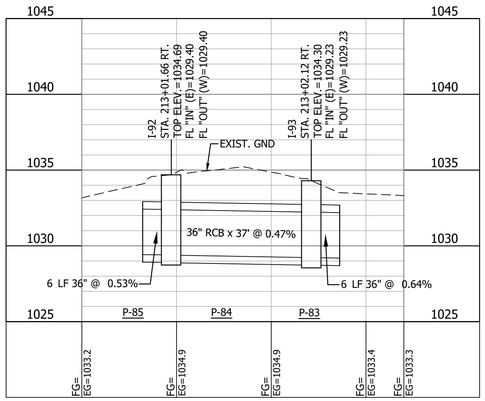
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DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	29
SHEET NO:	29 of 71

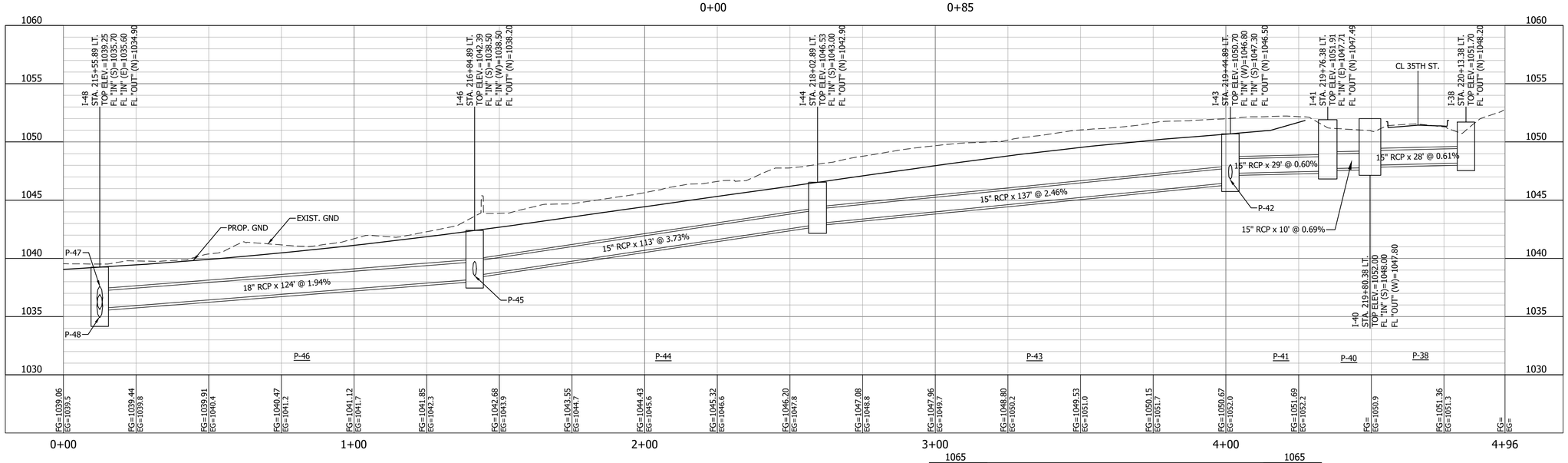
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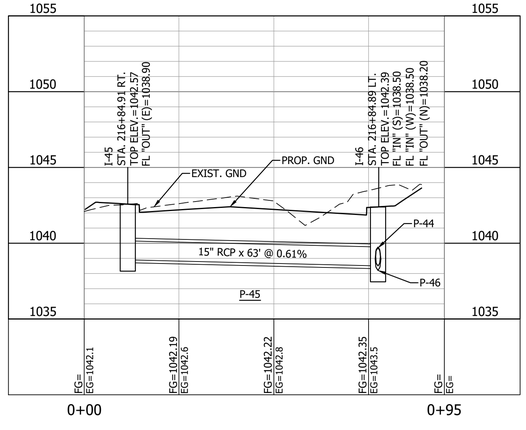
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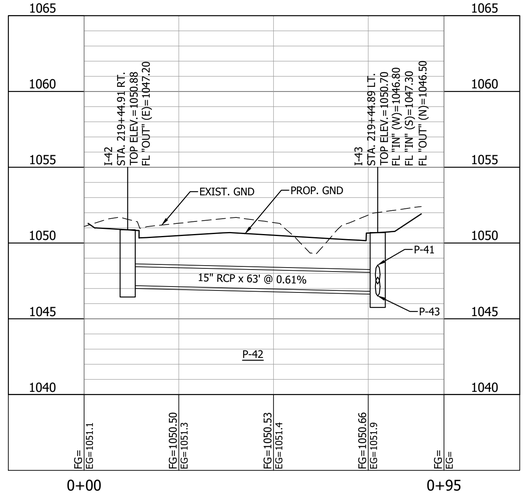
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SCALE: 1" = 20'









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#	DESCRIPTION	DATE	BY

PIPE PROFILES

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

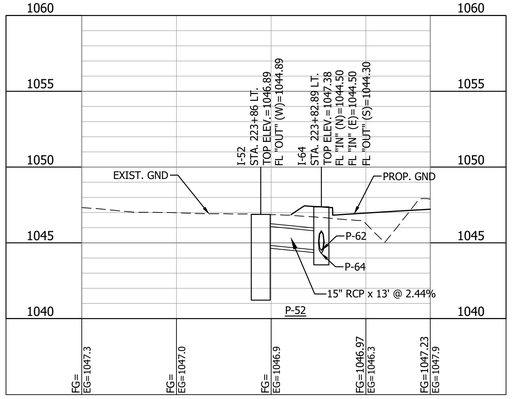
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DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	30
SHEET NO:	30 of 71

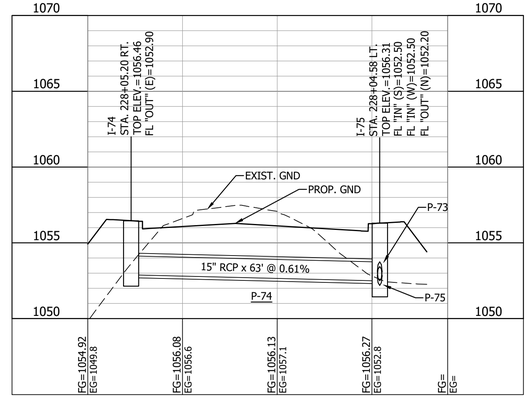
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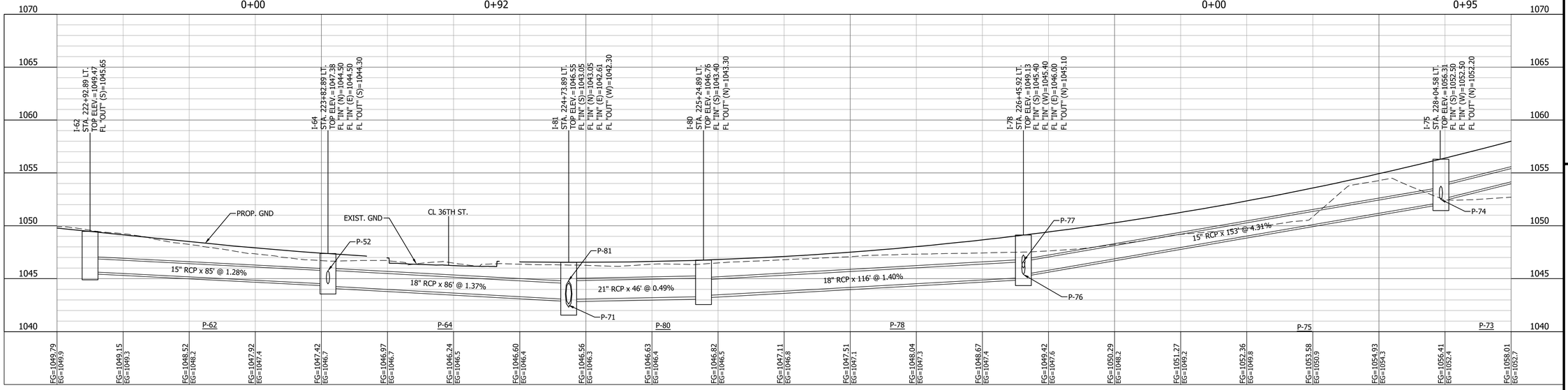
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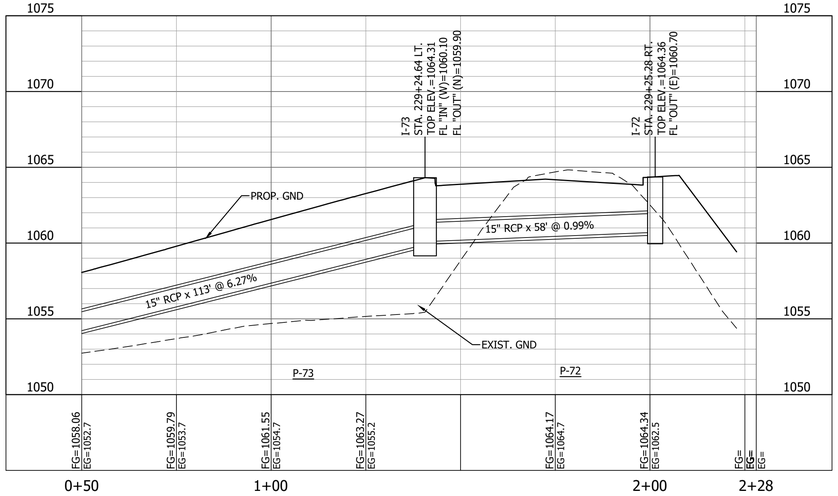
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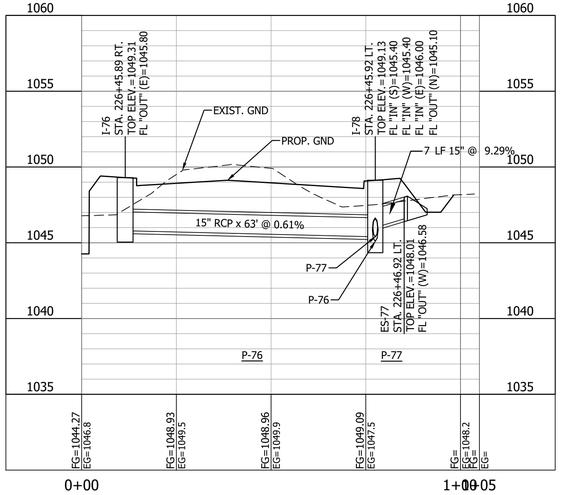
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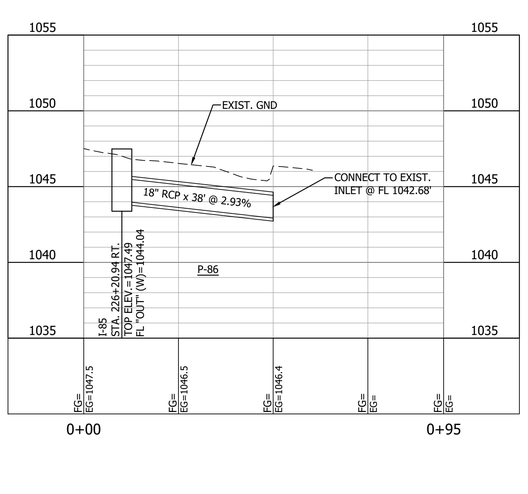












PIPE PROFILES

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

#	DATE	DESCRIPTION	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (888) 200.6484
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartlettwest.com

STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

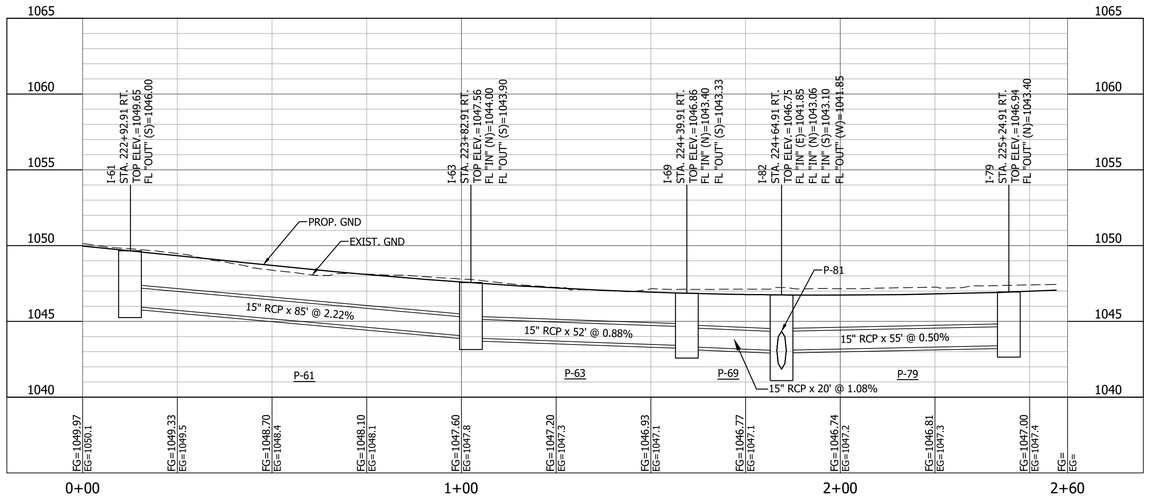
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DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	31
SHEET NO:	31 of 71

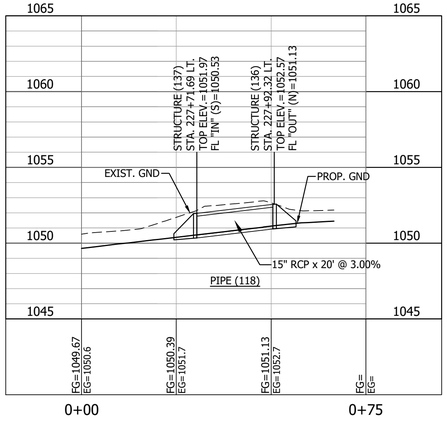
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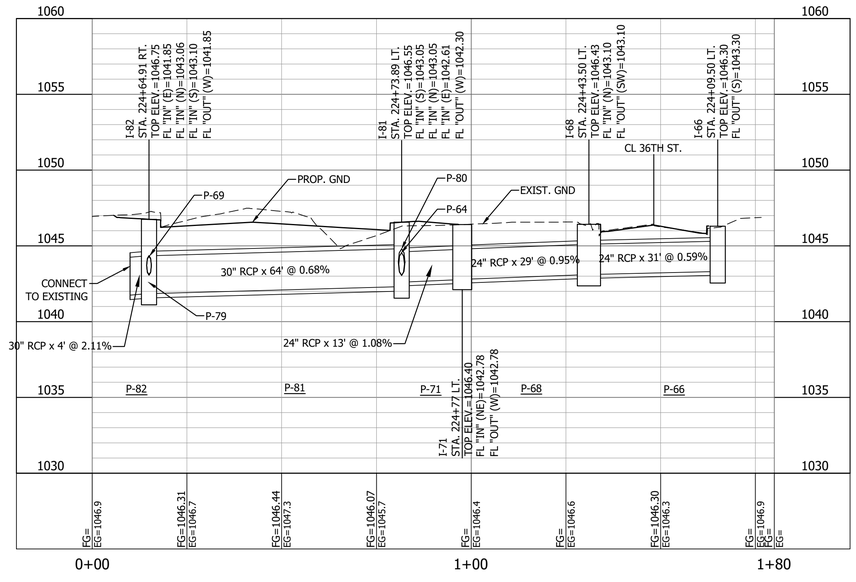
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0 20' 40'
SCALE: 1" = 20'







PIPE PROFILES

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

#	DATE	DESCRIPTION	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (888) 200.6484
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartlettwest.com

STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	32
SHEET NO:	32 of 71

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	MUTCD CODE	DESCRIPTION	SIZE	QTY (EA)
A	W20-1	"ROAD WORK AHEAD	36" x 36"	8
B	W20-2	"DETOUR AHEAD"	36" x 36"	3
C	W20-3	"ROAD CLOSED AHEAD"	36" x 36"	7
D	R11-2	"ROAD CLOSED"	48" x 30"	6
E	G20-2	"END ROAD WORK"	36" x 18"	2
F	M4-9 LT.	"DETOUR" w/ "CONNECTICUT AVE"	30" X 24" / 30" X 6"	2
G	M4-9 RT.	"DETOUR" w/ "CONNECTICUT AVE"	30" X 24" / 30" X 6"	0
H	M4-9	"DETOUR" w/ "CONNECTICUT AVE"	30" X 24" / 30" X 6"	0
	--	TYPE III MOVEABLE BARRICADE	8'-0" x 5'-0"	12
	--	TYPE C WARNING LIGHTS	EACH	12

TYPICAL SIDE ROAD CLOSURE
SEE SHEET 34 FOR DETAILS

0 150' 300'

CONNECTICUT AVE.
E. 32ND ST.
E. 333RD ST.
E. 33RD ST.
E. 34TH ST.
E. 35TH ST.
E. 36TH ST.
E. 38TH ST.
INTERSTATE 44

350' 350' 350' 260' 200' 200' 200'

TEMP. TRAFFIC CONTROL LEGEND

- SIGN
- TYPE 3 MOVABLE BARRICADE
- TYPE "C" WARNING LIGHTS (3 PER 12' BARRICADE)

GENERAL NOTES

1. CONTRACTOR MUST FOLLOW THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) IN PROVIDING TRAFFIC CONTROL. STREETS SHALL BE CLOSED TO THRU TRAFFIC DURING CONSTRUCTION. TRENCHES TO BE BACKFILLED WHENEVER CONTRACTOR IS NOT ONSITE. NO OPEN TRENCHES ARE ALLOWED DURING EVENINGS OR WEEKENDS.
2. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION.
3. SIGNING SHOWN AS MINIMUM REQUIREMENTS FOR ADJACENT ROADWAYS PRIOR TO IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE FOR ADDITIONAL SIGNING, MARKING OR DELINEATORS FOR SITE SPECIFIC CONSTRUCTION PHASING TO COMPLY WITH MUTCD GUIDELINES.
4. ALL OPEN TRENCHES SHALL BE BARRICADED WITH CONSTRUCTION FENCING TO PROTECT MOTORISTS AND PEDESTRIANS
5. LOCATION OF TRAFFIC CONTROL DEVICES ARE SUBJECT TO CHANGE AS APPROVED BY ENGINEER.
6. ALL CONFLICTING PAVEMENT MARKING SHALL BE REMOVED AS DIRECTED BY THE ENGINEER
7. ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COVERED OR REMOVED, NO DIRECT PAY.
8. CONTRACTOR MUST COORDINATE WITH PROPERTY OWNERS CONCERNING CONSTRUCTION ACTIVITIES AFFECTING DRIVEWAY ACCESS AT ALL TIMES BY THE USE OF PHASED CONSTRUCTION, SHARED ENTRANCE, TEMPORARY ENTRANCES OR OTHER MEANS AS APPROVED BY THE ENGINEER.
9. TRAFFIC CONTROL FOR DRIVES SHALL BE INSTALLED IN ADDITION TO THE TRAFFIC CONTROL THAT WILL BE IN PLACE ALONG CONNECTICUT AVE.
10. ALL WORK SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND MISSOURI DEPARTMENT OF TRANSPORTATION (MoDOT) SPECIFICATIONS.
11. IF MAINTAINING ONE LANE OF TRAFFIC ON DRIVEWAYS DURING CONSTRUCTION IS NOT POSSIBLE, THE USE OF GRAVEL BYPASS ROADS MAY BE CONSIDERED. COORDINATION WITH AFFECTED PROPERTY OWNER AND APPROVAL OF THE ENGINEER ARE REQUIRED.
12. CONSTRUCTION SHALL BE PHASED SUCH THE ENTIRE PROJECT WILL NOT BE DISTURBED AT ONE TIME IN AN EFFORT TO MAINTAIN ACCESS FOR RESIDENTS AND BUSINESSES.

#	DATE	DESCRIPTION	BY

Bartlett & West
1824 S. LONE PINE, SUITE F SPRINGFIELD, MO 65804
PHONE: (417) 890-8464 FAX: (417) 890-8465
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CONNECTICUT AVENUE TRAFFIC CONTROL

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

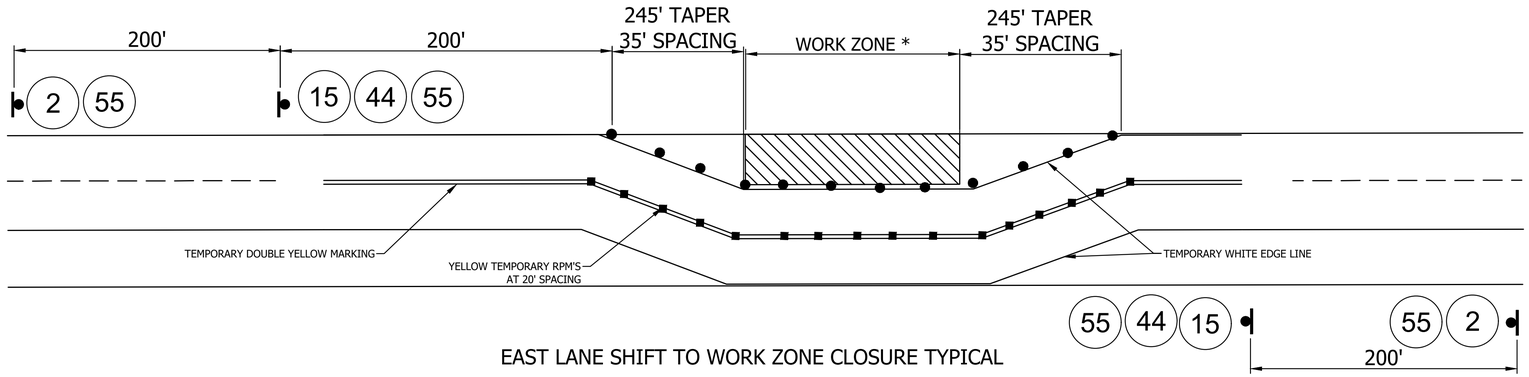
NEIL S. BRADY NUMBER PE-2000162078
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SEALED DATE:	07/07/2023
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DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	33 of 71

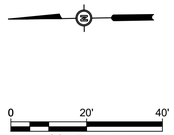
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EAST LANE SHIFT TO WORK ZONE CLOSURE TYPICAL





W1-4L
36"x36"
15



W1-4R
36"x36"
15



W20-1
36" X 36"
2



WO13-1
24"X36"
44



ADVANCED WARNING RAIL SYSTEM
55

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- TEMPORARY RAISED PAVEMENT MARKER
- CHANNELIZER
- WORK ZONE

* MAX WORK ZONE LENGTH IS 750'. NO MORE THAN TWO SIDE ROADS SHALL BE CLOSED AT A TIME.

NOTES:

FOR LONG-TERM STATIONARY WORK, EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED AND TEMPORARY MARKINGS SHALL BE INSTALLED BEFORE TRAFFIC PATTERNS ARE CHANGED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

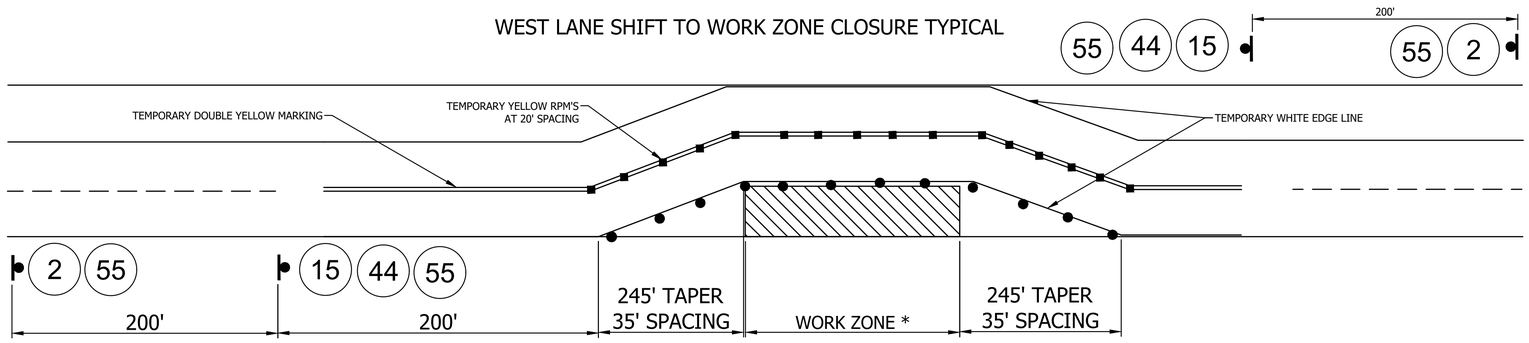
FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING ARE ONE-HALF OF THE REQUIRED DEVICE SPACING SHOWN.

SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED

LANE SHIFT SHALL OCCUR SOUTH OF THE OVERPASS WHEN WORK ZONE IS WITHIN 945 FEET OF THE BRIDGE

WEST LANE SHIFT TO WORK ZONE CLOSURE TYPICAL

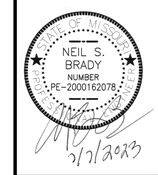


BY	DESCRIPTION	DATE	#

Bartlett&West
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PHONE: (417) 864-6464 FAX: (417) 866-6464
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CONNECTICUT AVENUE TRAFFIC CONTROL TYPICAL LANE SHIFT

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI



SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	34 of 71

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Last edit on: Jul 10, 2023 by: CSI01950 Drawing Name: C:\pwidata\topeka01\csi01950\dms219501\17595.007 C_TC.dwg Layout Name: TC_3 Plotted By: CSI01950 Plotted on: 7/12/2023 12:23:18 PM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

SIDE ROAD CLOSURE TYPICAL



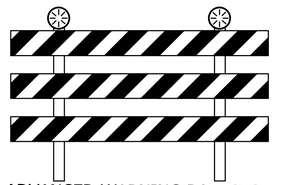
W20-1
36" X 36"

2



W20-3
36"X36"

20



ADVANCED WARNING RAIL SYSTEM

55



R11-2
48"X30"

29

0 30' 60'
SCALE: 1" = 30'

TEMP. TRAFFIC CONTROL LEGEND

- SIGN
- TYPE 3 MOVABLE BARRICADE
- TYPE "C" WARNING LIGHTS (3 PER 12' BARRICADE)

GENERAL NOTES

1. CONTRACTOR MUST FOLLOW THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) IN PROVIDING TRAFFIC CONTROL. STREETS SHALL BE CLOSED TO THRU TRAFFIC DURING CONSTRUCTION. TRENCHES TO BE BACKFILLED WHENEVER CONTRACTOR IS NOT ONSITE. NO OPEN TRENCHES ARE ALLOWED DURING EVENINGS OR WEEKENDS.
2. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION.
3. SIGNING SHOWN AS MINIMUM REQUIREMENTS FOR ADJACENT ROADWAYS PRIOR TO IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE FOR ADDITIONAL SIGNING, MARKING OR DELINEATORS FOR SITE SPECIFIC CONSTRUCTION PHASING TO COMPLY WITH MUTCD GUIDELINES.
4. LOCATION OF TRAFFIC CONTROL DEVICES ARE SUBJECT TO CHANGE AS APPROVED BY ENGINEER.
5. ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COVERED OR REMOVED, NO DIRECT PAY.
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND MISSOURI DEPARTMENT OF TRANSPORTATION (MoDOT) SPECIFICATIONS.
7. NO MORE THAN TWO SIDE ROADS SHALL BE CLOSED AT A TIME.

#	DATE	DESCRIPTION	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 364-6644 FAX (800) 364-6644
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC CONTROL
TYPICAL SIDE ROAD CLOSURE

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

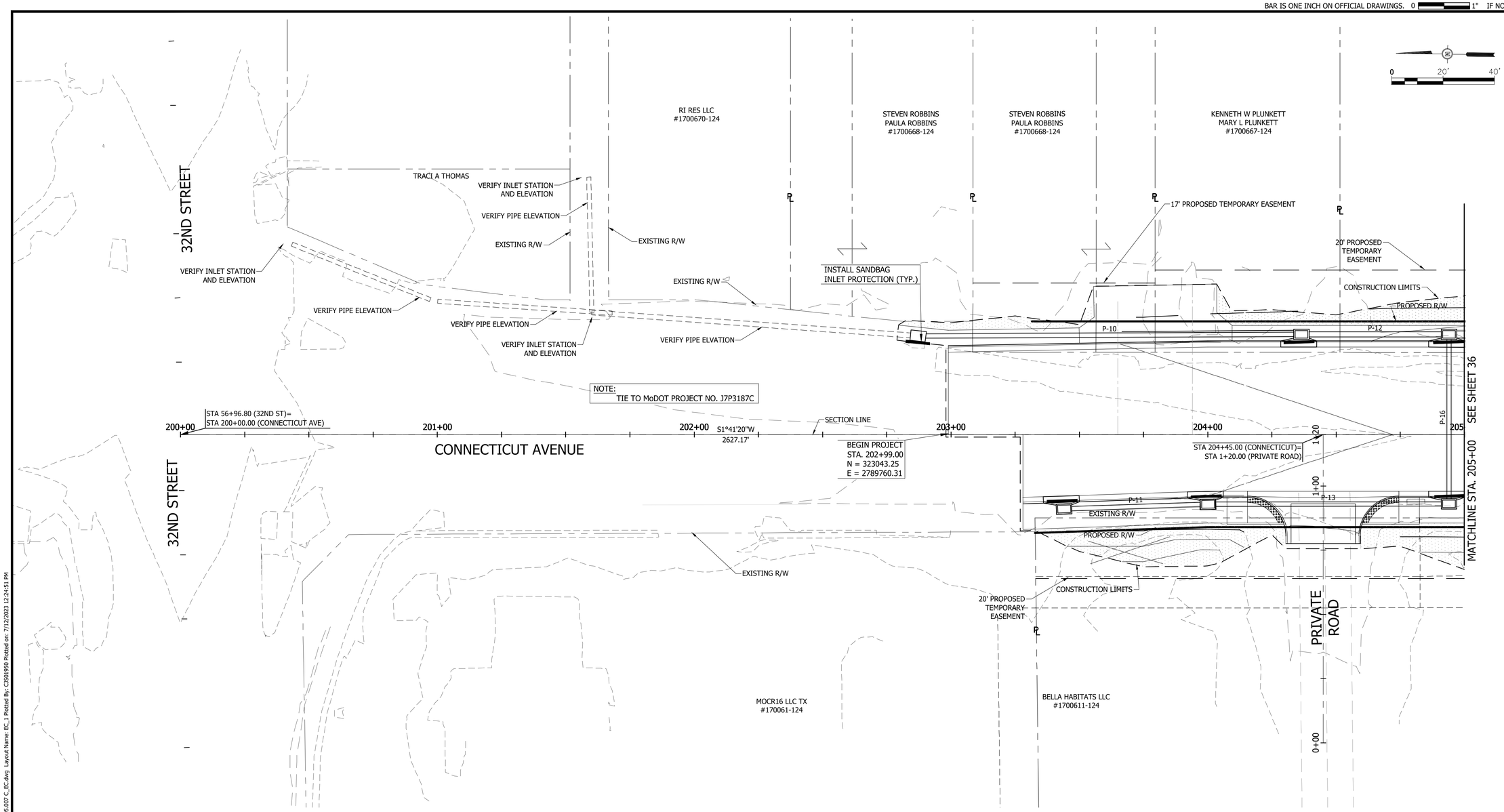
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	----
SHEET NO:	35 of 71

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Last edit on: Jul 10, 2023 by: CSD1950 Drawing Name: C:\pwdata\topeka01\cjob\01950\dms2\19501\17595.007 C_TC.dwg Layout Name: TC_3 Plotted By: CSD1950 Plotted on: 7/12/2023 12:23:19 PM

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LEGEND

INLET PROTECTION/
DITCH CHECKS

SILT FENCE

SEEDING/MULCHING

#	DESCRIPTION	DATE	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
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MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTWEST.COM

CONNECTICUT AVENUE EROSION CONTROL STA. 200+00 TO STA. 205+00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

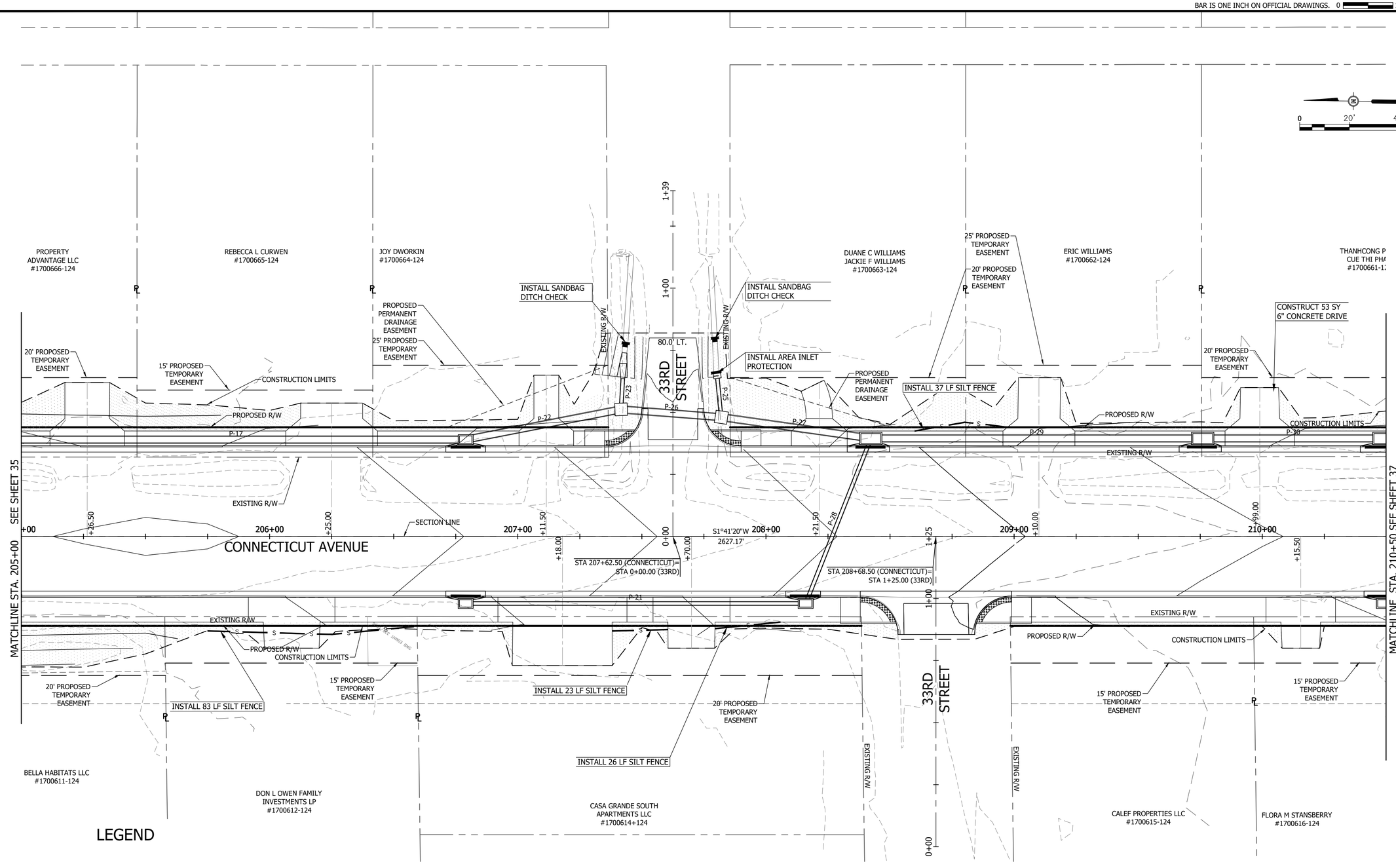
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
PROFESSIONAL ENGINEER
3/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
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Last edit on: Jul 10, 2023 by: CSS01950 Drawing Name: C:\pwidata\tlopeka01\cjs01950\dms2\19501\17595.007 C_EC.dwg Layout Name: EC_1 Plotted By: CSS01959 Plotted on: 7/12/2023 12:24:51 PM

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LEGEND

INLET PROTECTION/ DITCH CHECKS

SILT FENCE

SEEDING/MULCHING

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
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CONNECTICUT AVENUE EROSION CONTROL STA. 205+00 TO STA. 210+50

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

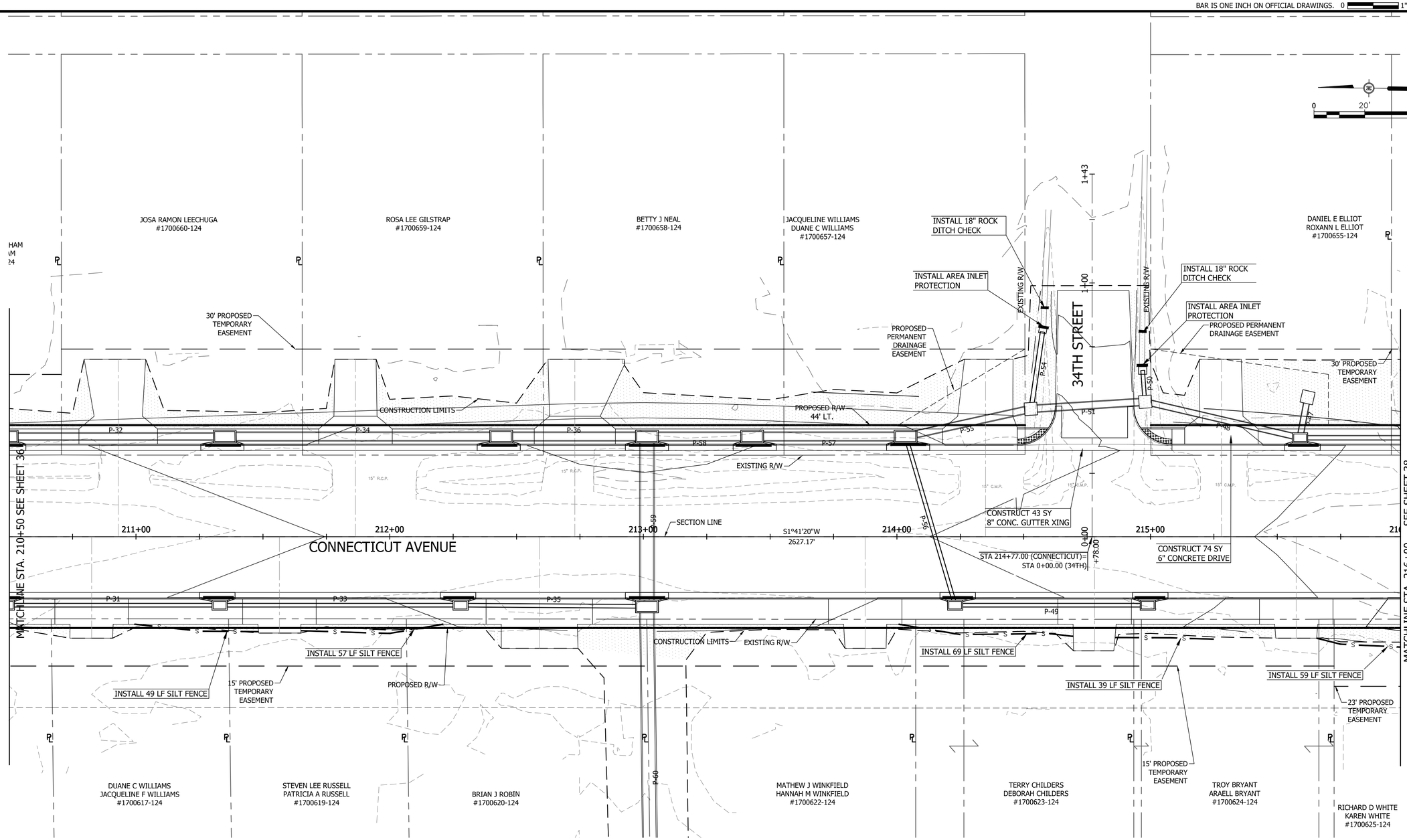
NEIL S. BRADY NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
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DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	37 of 71

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Last edit on: Jul 10, 2023 by: CS091950 Drawing Name: C:\pwdata\topeka01\cs091950\dms2\1950\17595.007 C_EC.dwg Layout Name: EC_2 Plotted By: CS091950 Plotted on: 7/12/2023 12:24:53 PM

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LEGEND

INLET PROTECTION/ DITCH CHECKS

SILT FENCE

SEEDING/MULCHING

#	DESCRIPTION	DATE	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
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CONNECTICUT AVENUE EROSION CONTROL STA. 210+50 TO STA. 216+00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	38 of 71

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BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

CHAD L STARK
CHIRSTINA M STARK
#1700654-124

KENNETH R HILL
MICHELLE R HILL
#1700653-124

GWENDOLYN SUE DELANNO
#1700652-124

CURTIS D KIMBROUGH
EVA L KIMBROUGH
#1700650-124

VERNON W WALT
MARY RUTH WALTERS
#1700649-124

REMOVE BLOCK WALL AS NEEDED & SALVAGE TO LANDOWER

30' PROPOSED TEMPORARY EASEMENT

PROPOSED PERMANENT DRAINAGE EASEMENT

EXISTING R/W

35TH STREET

1+37

EXISTING R/W

15' PROPOSED TEMPORARY EASEMENT

10' PROPOSED TEMPORARY EASEMENT

INSTALL 66 LF SILT FENCE

CONSTRUCTION LIMITS

PROPOSED R/W

P-38

P-40

P-41

P-46

P-44

P-43

P-42

P-45

EXISTING R/W

CONSTRUCT 40 SY 8" CONC. GUTTER XING

REMOVE & SALVAGE SIDEWALK BRICK TO LANDOWNER

EXISTING R/W

STA 220+00.00 (CONNECTICUT)= STA 0+00.00 (35TH)

MATCH LINE STA. 216+00 SEE SHEET 37

216+00

217+00

SECTION LINE

218+00

S1°41'20"W 2627.17'

219+00

220+00

0+00

221+00

MATCHLINE STA. 221+50 SEE SHEET 39

CONNECTICUT AVENUE

EXISTING R/W

SEE PREVIOUS SHEET

36' RT. PROPOSED R/W

EXISTING R/W

INSTALL 28 LF SILT FENCE

CONSTRUCTION LIMITS

INSTALL 64 LF SILT FENCE

SEE NEXT SHEET

INSTALL 90 LF SILT FENCE

20' PROPOSED TEMPORARY EASEMENT

15' PROPOSED TEMPORARY EASEMENT

INSTALL 58 LF SILT FENCE

25' PROPOSED TEMPORARY EASEMENT

23' PROPOSED TEMPORARY EASEMENT

INSTALL 16 LF SILT FENCE

INSTALL 16 LF SILT FENCE

ARD D WHITE
EN WHITE
700625-124

MICHAEL WAYNE BEMISS
KATHY ANN BEMISS
#1700626-124

KENNETH W PLUNKETT
MARY L PLUNKETT
#1700628-124

JT MERRELL PROPERTIES LLC
#1700629-124

JOHN S BANDY
SANDRA S BANDY
#1700630-124

SUSAN F ELKINS
#1700631-124

CHRIS HEMBREE
#1700632-124

LITWILLER PROPERTIES LLC
#1700633-124

LEGEND

INLET PROTECTION/ DITCH CHECKS

SILT FENCE

SEEDING/MULCHING

CONNECTICUT AVENUE EROSION CONTROL
STA. 216+00 TO STA. 221+50
CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett&West
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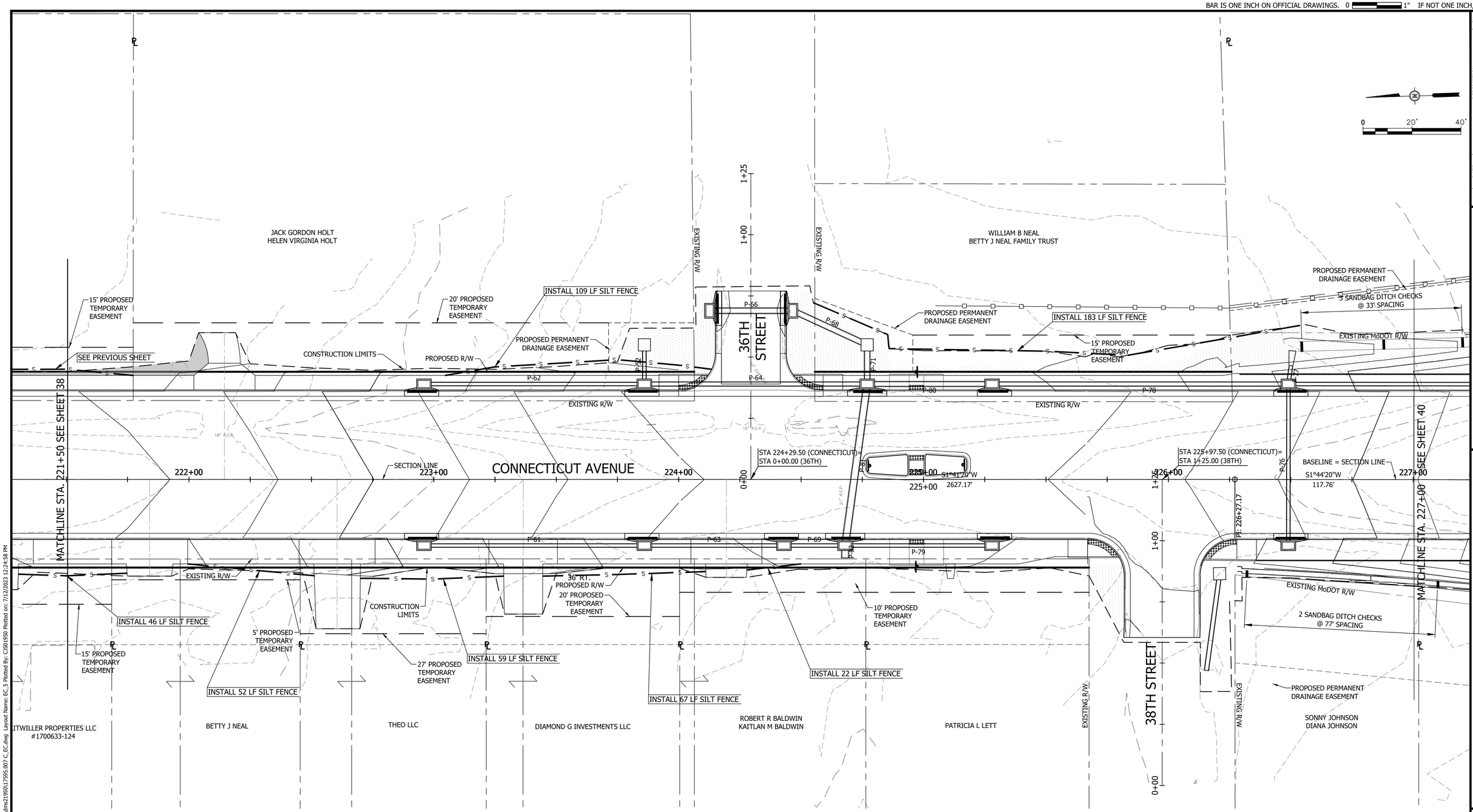
NEIL S. BRADY NUMBER PE-2009162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	39 of 71

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LEGEND

INLET PROTECTION/ DITCH CHECKS

SILT FENCE

SEEDING/MULCHING

#	DESCRIPTION	DATE	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (417) 890-0644 FAX (417) 890-0646
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CONNECTICUT AVENUE EROSION CONTROL STA. 221+50 TO STA. 227+00

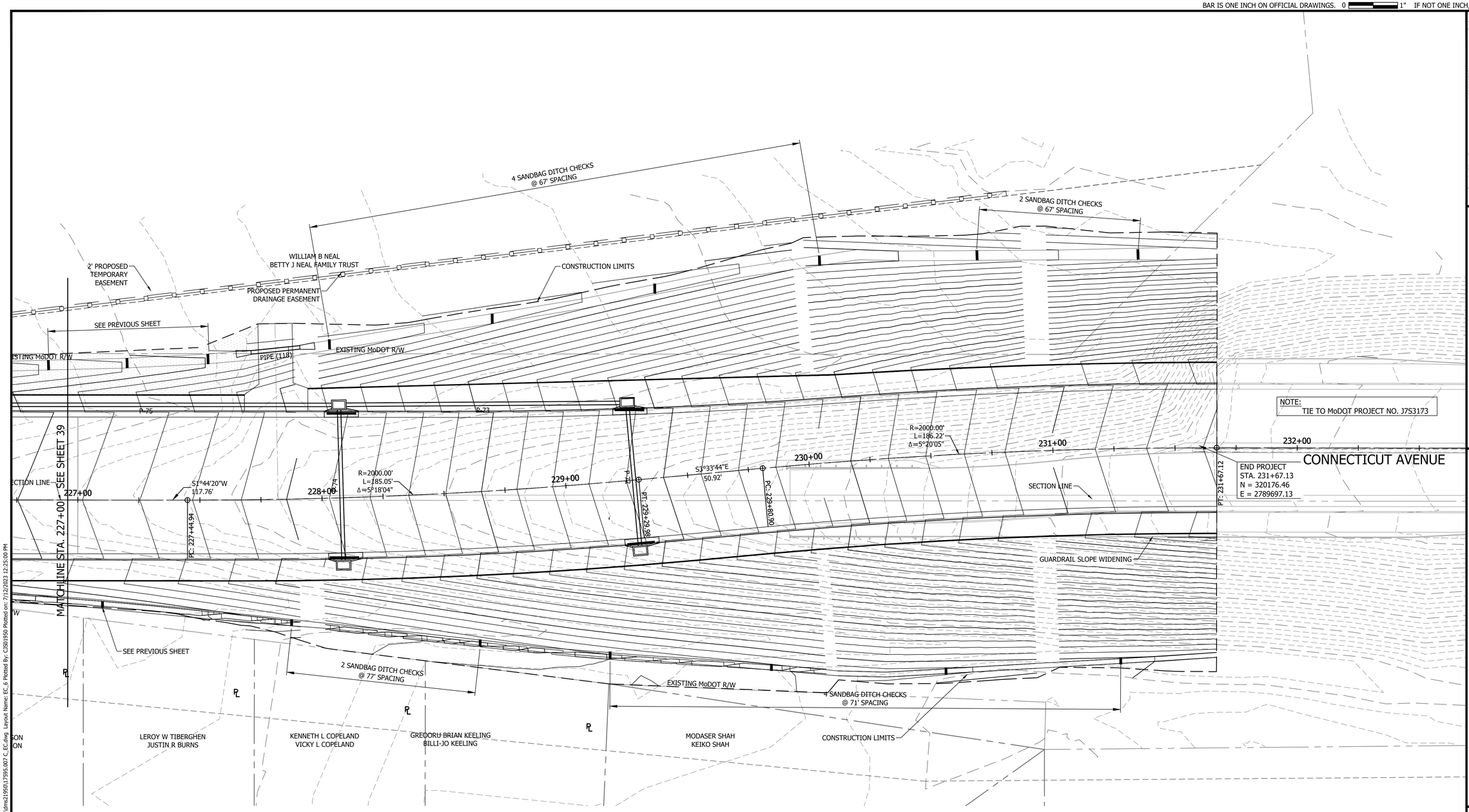
CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

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APPROVED BY:	NSB
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SHEET NO:	40 of 71

Last edit on: Jul 10, 2023 by: CS591950 Drawing Name: C:\pwdata\topeka01\cg01950\dms2\19501\17595.007 C_EC.dwg Layout Name: EC_5 Plotted By: CS591950 Plotted on: 7/12/2023 12:24:59 PM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



LEGEND

INLET PROTECTION/
DITCH CHECKS

SILT FENCE

SEEDING/MULCHING

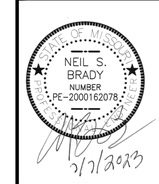
0 20' 40'
SCALE: 1" = 20'

#	DATE	DESCRIPTION	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (417) 866-4646 FAX: (417) 866-4647
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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CONNECTICUT AVENUE EROSION CONTROL STA. 227+00 TO STA. 231+63.95

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

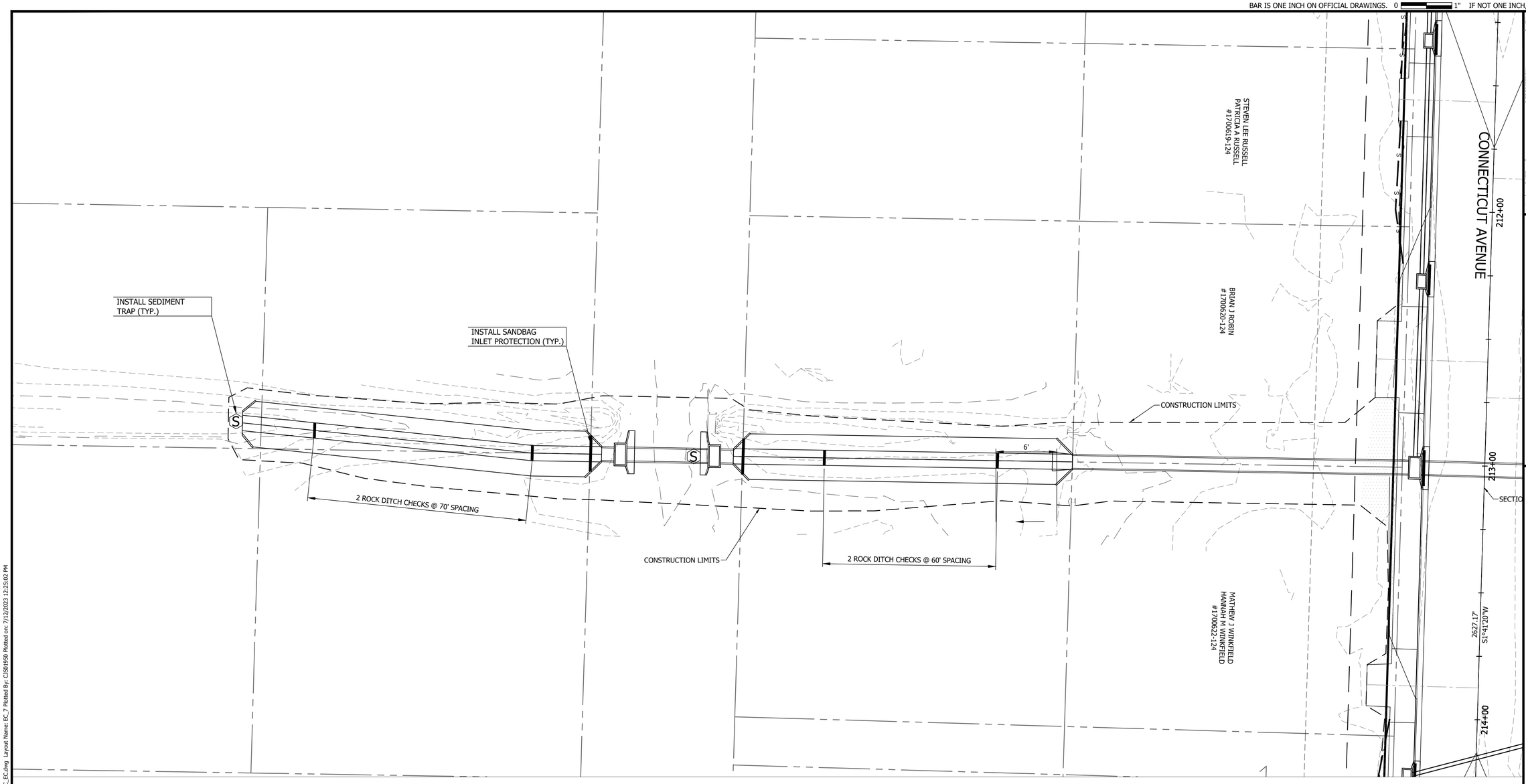


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DRAWING NO:	
SHEET NO:	41 of 71

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LEGEND

S — SEDIMENT TRAP

INLET PROTECTION/ DITCH CHECKS

S S — SILT FENCE

SEEDING/MULCHING

0 20' 40'
SCALE: 1" = 20'

#	DESCRIPTION	DATE	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (417) 890-0644 FAX (417) 890-0645
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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CONNECTICUT AVENUE EROSION CONTROL CONCRETE CHANNEL

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

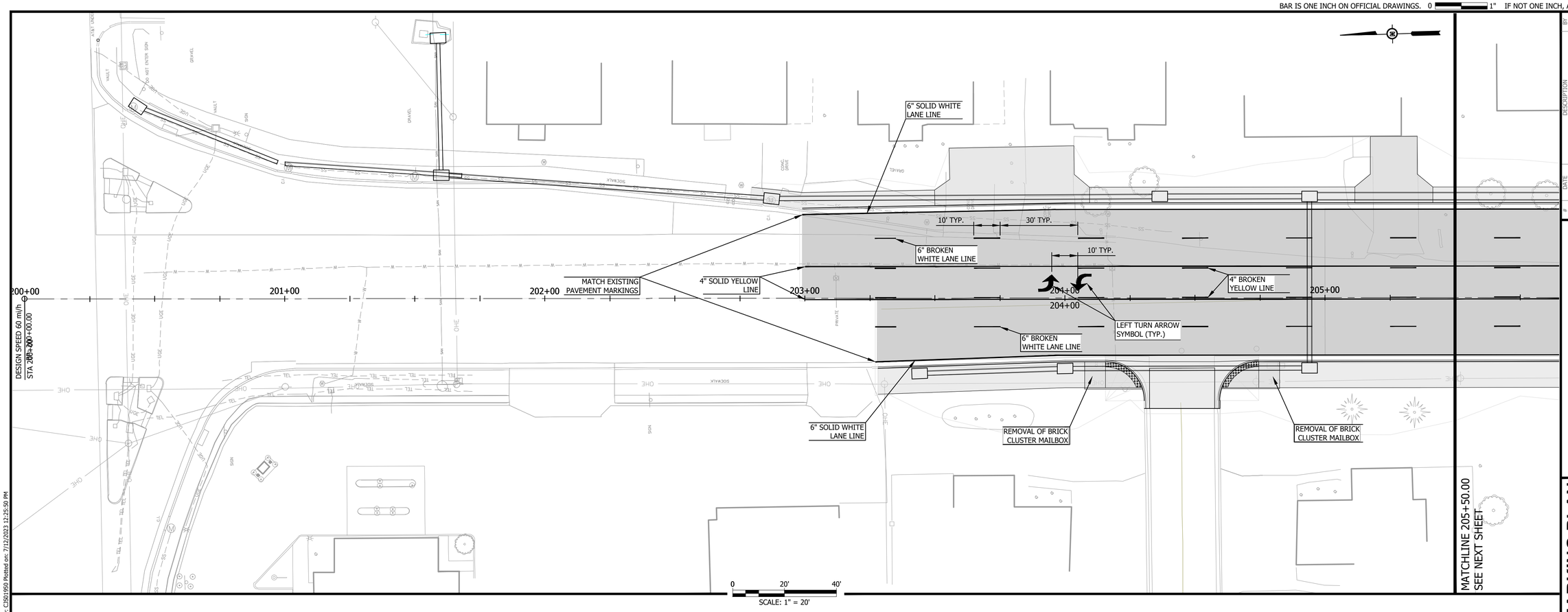
NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
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DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	42 of 71

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BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



	MUTCD CODE	DESCRIPTION	SIZE	QTY (EA)
1	R1-1	STOP	30" x 30"	3
2	D3-1	STREET (CONNECTICUT AVE.)	24" x 6"	5
3	D3-1	STREET (E 33 RD ST.)	24" x 6"	1
4	D3-1	STREET (E 34TH ST.)	24" x 6"	1
5	D3-1	STREET (E 35 TH ST.)	24" x 6"	1
6	D3-1	STREET (E 36 TH ST.)	24" x 6"	1
7	D3-1	STREET (E 38 TH ST.)	24" x 6"	1
8	R2-1	SPEED LIMIT 35	24" X 30"	1



R1-1
30" x 30"
1

R2-1
24"X30"
8

2 CONNECTICUT AVE. D3-1 24" x 6"

3 E 33 RD ST. D3-1 24" x 6"

4 E 34 TH ST. D3-1 24" x 6"

5 E 35 TH ST. D3-1 24" x 6"

6 E 36 TH ST. D3-1 24" x 6"

7 E 38 TH ST. D3-1 24" x 6"

GENERAL NOTES:

1. CONTRACTOR MUST FOLLOW THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD, LATEST EDITION) IN PROVIDING SIGNAGE AND PAVEMENT MARKING.
2. BROKEN LINES CONSIST OF 10-FOOT LINE SEGMENTS WITH 30-FOOT GAPS.
3. STOP LINES SHALL BE LOCATED AT LEAST 4 FEET FROM THE NEAREST EDGE OF THE INTERSECTING ROADWAY OR CROSSWALK LINE.
4. ARROW SYMBOLS SHALL BE SOLID WHITE.
5. CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED PAVEMENT MARKINGS AT NO DIRECT PAY.
6. ALL PAVEMENT MARKINGS WILL BE PERFORMED THERMOPLASTIC.

STREET SIGN NOTES:

1. ALL LETTERS SHALL BE WHITE ON A GREEN BACKGROUND. THE SIGN SHALL HAVE NO BORDER OR CLEAR COAT.
2. THE STREET NAME LEGEND SHALL BE MADE WITH 6" HIGH CAPITAL LETTERS AND 4.5" HIGH LOWERCASE LETTERS. THE DESIGNATION OF ST, RD, DR, ETC. MAY BE ABBREVIATED AND SHALL BE MADE WITH 2" HIGH LETTERS. THE TOP EDGE OF SUCH DESIGNATION SHALL BE EVEN WITH THE TOP EDGE OF THE STREET NAME LEGEND.
3. SIGNS SHALL BE 6" HIGH AND A MINIMUM OF 24" LONG. THE LENGTH MAY BE INCREASED TO ACCOMMODATE LONG STREET NAMES.
4. ALL SIGNS SHALL BE PLACED BETWEEN 6 AND 12 FEET FROM THE EDGE OF PAVEMENT.
5. SIGNS AND POSTS TO BE REMOVED AND NOT RESET SHALL BE SALVAGED AND RETURNED TO THE CITY.

* SALVAGED SIGN AND RESET ON NEW POST. SALVAGE DECORATIVE AND STANDARD POSTS AND RETURN TO CITY.

BY | DESCRIPTION | DATE | #

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (888) 200.6464
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartlettwest.com

SIGNING AND PAVEMENT MARKING PLAN

CITY OF JOPLIN - PROJECT NO. TC0606
CONNECTICUT AVE. WIDENING
NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	43
SHEET NO:	43 of 71

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Last edit on: 7/7/2023 2:59 PM by: CJS01950 Drawing Name: C:\pwdata\tzopeka01\d901950\dms2\4950\17595.007C_Pavement_Marking_Plan2.dwg Layout Name: PM_1 Plotted By: CJS01950 Plotted on: 7/12/2023 12:25:50 PM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

REMOVE AND REPLACE (2) STREET SIGNS AND (1) STOP SIGN

24" MAX STOP BAR

4' TYP. (MIN.)

E 33RD ST.

6" SOLID WHITE CROSSWALK

6" SOLID WHITE LANE LINE

6" BROKEN WHITE LANE LINE

4" SOLID YELLOW LINE

4" BROKEN YELLOW LINE

LEFT TURN ARROW SYMBOL (TYP.)

6' MIN. TYP.

DND SIGNS

205+00 206+00 207+00 208+00 209+00 210+00

MATCHLINE 205+50.00
SEE PREVIOUS SHEET

MATCHLINE 210+75.00
SEE BELOW

STOP
R1-1
30" x 30"
1

2	CONNECTICUT AVE.	D3-1 24" x 6"
3	E 33 RD ST.	D3-1 24" x 6"
4	E 34 TH ST.	D3-1 24" x 6"

STREET SIGN NOTES:

* SALVAGED SIGN AND RESET ON NEW POST. SALVAGE STANDARD POSTS AND RETURN TO CITY.

0 20' 40'
SCALE: 1" = 20'

REMOVE AND REPLACE (2) STREET SIGNS AND (1) STOP SIGN

E 34TH ST.

24" MAX STOP BAR

6" SOLID WHITE CROSSWALK

6" SOLID WHITE LANE LINE

6" BROKEN WHITE LANE LINE

4" SOLID YELLOW LINE

4" BROKEN YELLOW LINE

LEFT TURN ARROW SYMBOL (TYP.)

211+00 212+00 213+00 214+00 215+00 216+00

MATCHLINE 210+75.00
SEE ABOVE

MATCHLINE 216+25.00
SEE NEXT SHEET

SIGNING AND PAVEMENT MARKING PLAN

CITY OF JOPLIN - PROJECT NO. TC0606
CONNECTICUT AVE. WIDENING
NEWTON COUNTY, JOPLIN, MISSOURI

#	DESCRIPTION	DATE	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (888) 200.6484
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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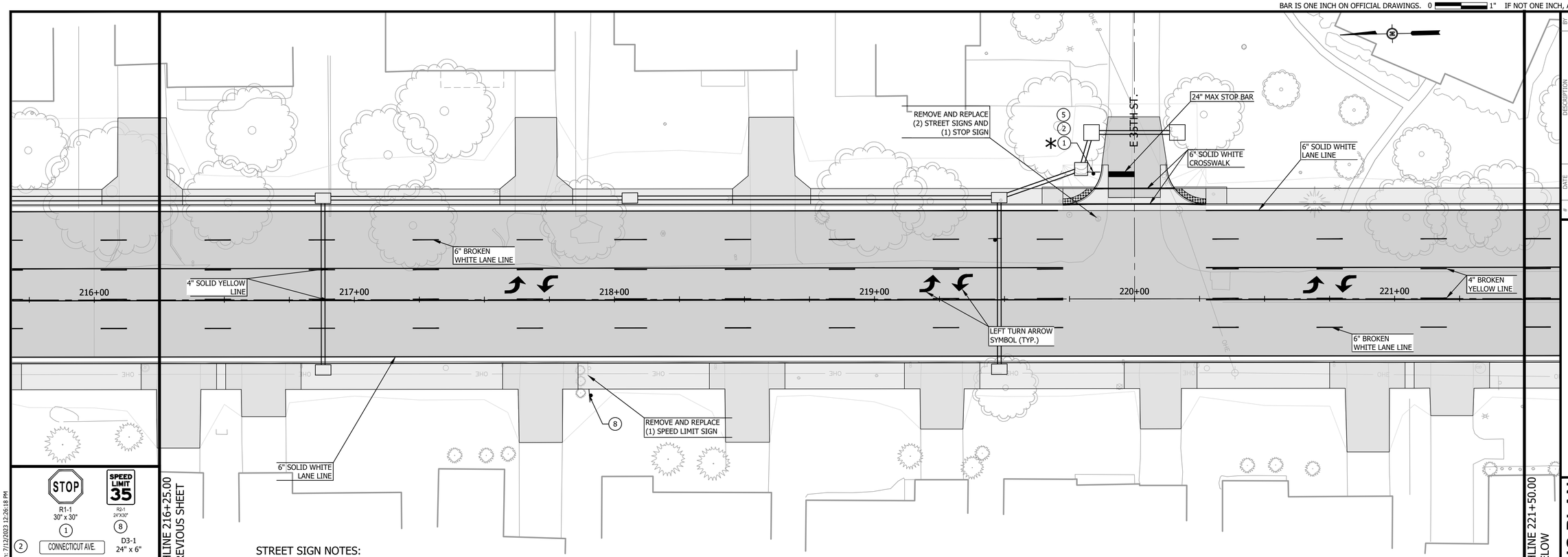
NEIL S. BRADY
NUMBER PE-2009162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	44
SHEET NO:	44 of 71

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Last edit on: 7/7/2023 2:59 PM by: CS01950
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BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

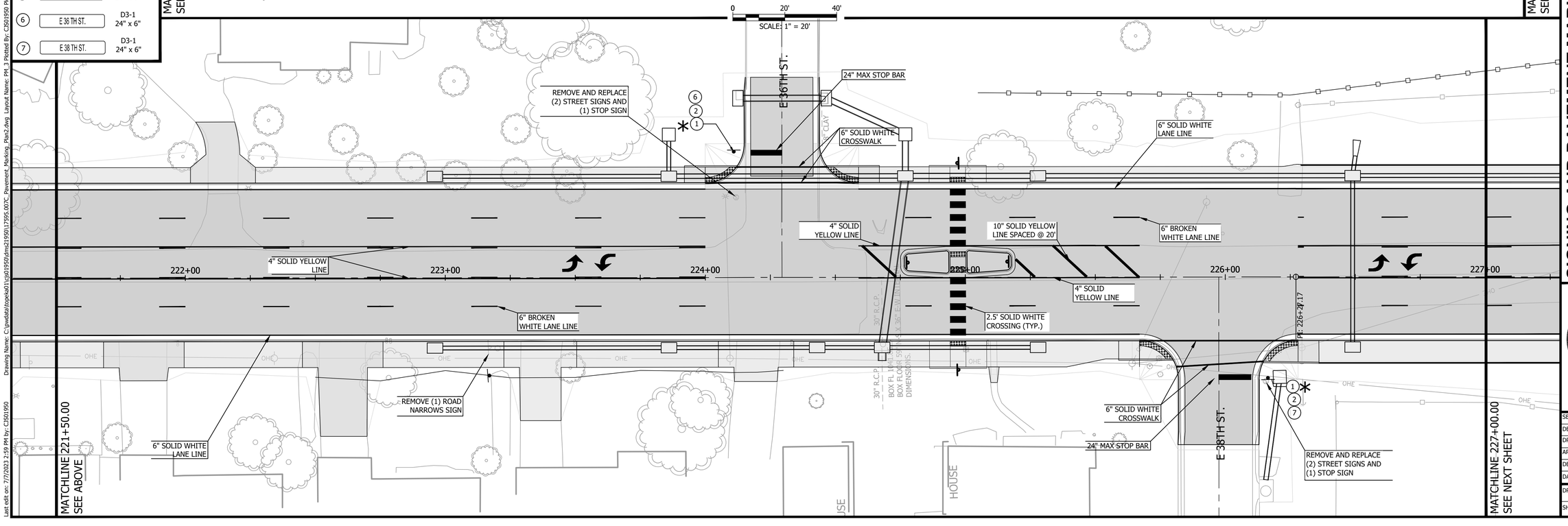


STREET SIGN NOTES:

* SALVAGED SIGN AND RESET ON NEW POST. SALVAGE STANDARD POSTS AND RETURN TO CITY.

1	STOP R1-1 30" x 30"	8	SPEED LIMIT 35 R2-1 24"X30"
2	CONNECTICUT AVE.		D3-1 24" x 6"
5	E 35 TH ST.		D3-1 24" x 6"
6	E 36 TH ST.		D3-1 24" x 6"
7	E 38 TH ST.		D3-1 24" x 6"

0 20' 40'
SCALE: 1" = 20'



BY	DESCRIPTION	DATE
#		

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
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SIGNING AND PAVEMENT MARKING PLAN

CITY OF JOPLIN - PROJECT NO. TC0606
CONNECTICUT AVE. WIDENING
NEWTON COUNTY, JOPLIN, MISSOURI

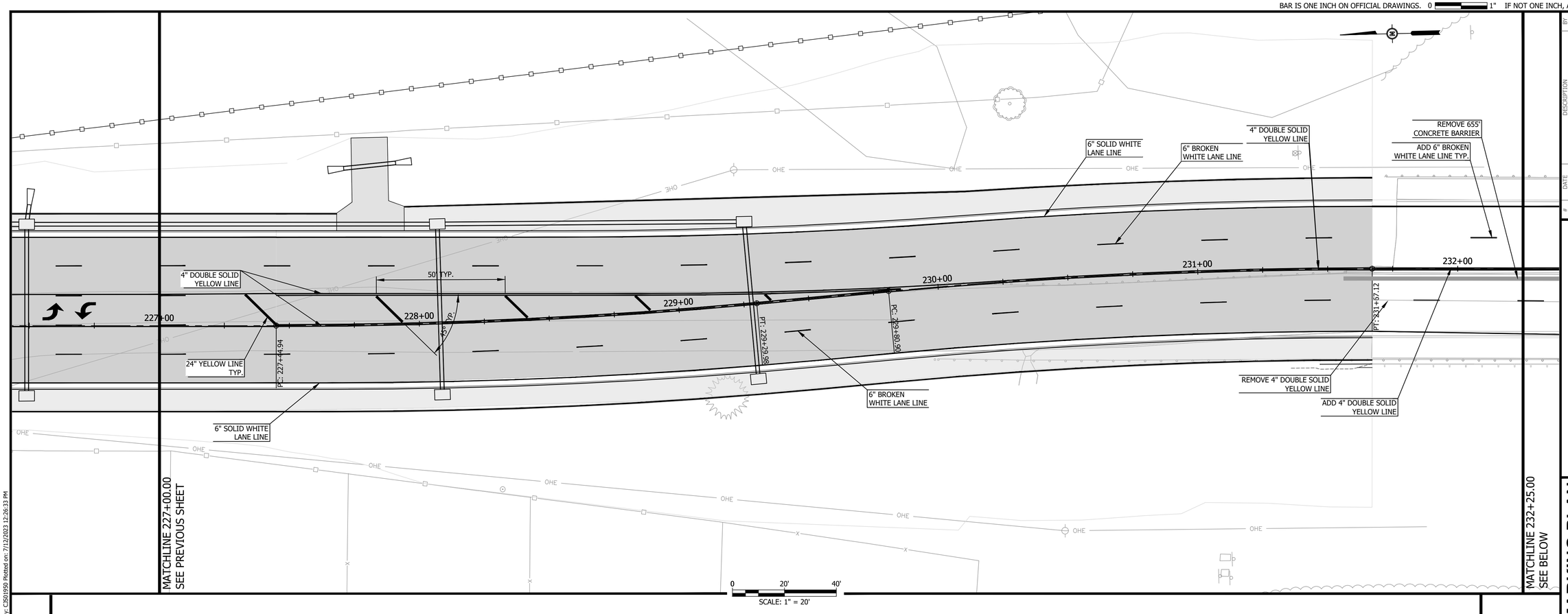
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
PROFESSIONAL ENGINEER
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	45
SHEET NO:	45 of 71

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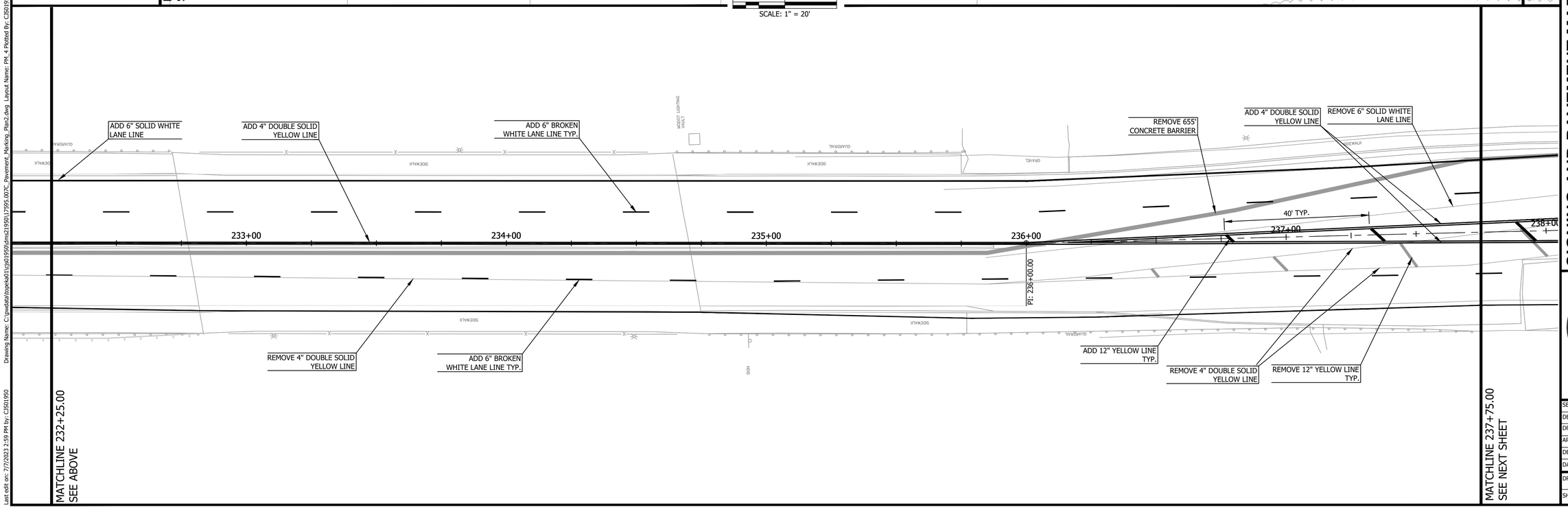
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BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



MATCHLINE 227+00.00
SEE PREVIOUS SHEET

MATCHLINE 232+25.00
SEE BELOW



MATCHLINE 232+25.00
SEE ABOVE

MATCHLINE 237+75.00
SEE NEXT SHEET

#	DESCRIPTION	DATE	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (888) 200.6464
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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SIGNING AND PAVEMENT MARKING PLAN

CITY OF JOPLIN - PROJECT NO. TC0606
CONNECTICUT AVE. WIDENING
NEWTON COUNTY, JOPLIN, MISSOURI

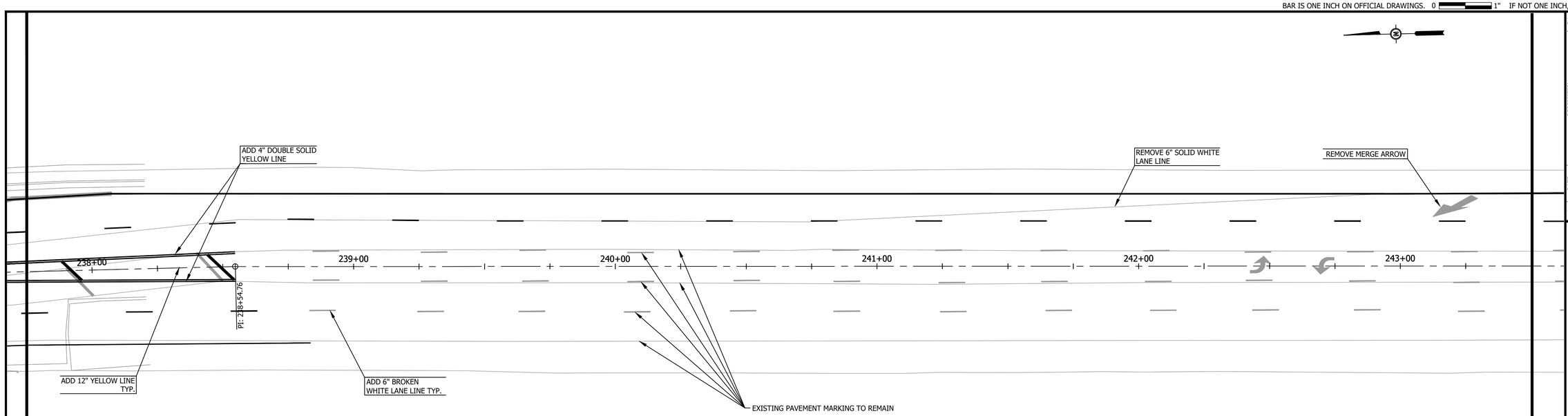
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	46
SHEET NO:	46 of 71

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Last edit on: 7/7/2023 2:59 PM by: CJS01950 Drawing Name: C:\pwdata\topeka01\wp01950\dms2\1950\17595.007C_Pavement_Marking_Plan2.dwg Layout Name: PM 4 Plotted By: CJS01950 Plotted on: 7/12/2023 12:26:33 PM

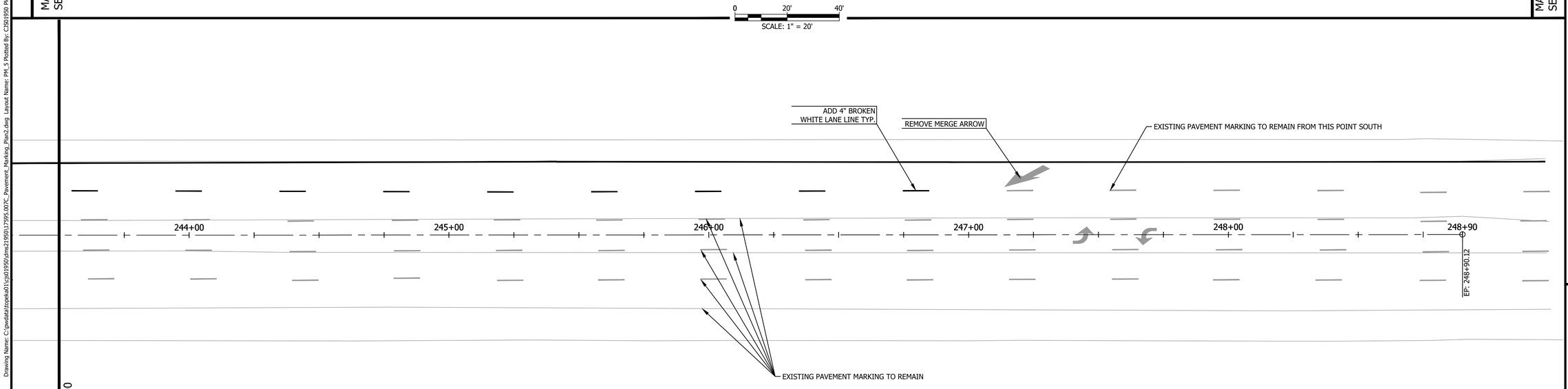
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



MATCHLINE 237+75.00
SEE PREVIOUS SHEET

MATCHLINE 243+50.00
SEE BELOW

0 20' 40'
SCALE: 1" = 20'



MATCHLINE 243+50.00
SEE ABOVE

SIGNING AND PAVEMENT MARKING PLAN

CITY OF JOPLIN - PROJECT NO. TC0606
CONNECTICUT AVE. WIDENING
NEWTON COUNTY, JOPLIN, MISSOURI

#	DATE	DESCRIPTION	BY

Bartlett & West
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PHONE (888) 200.6464
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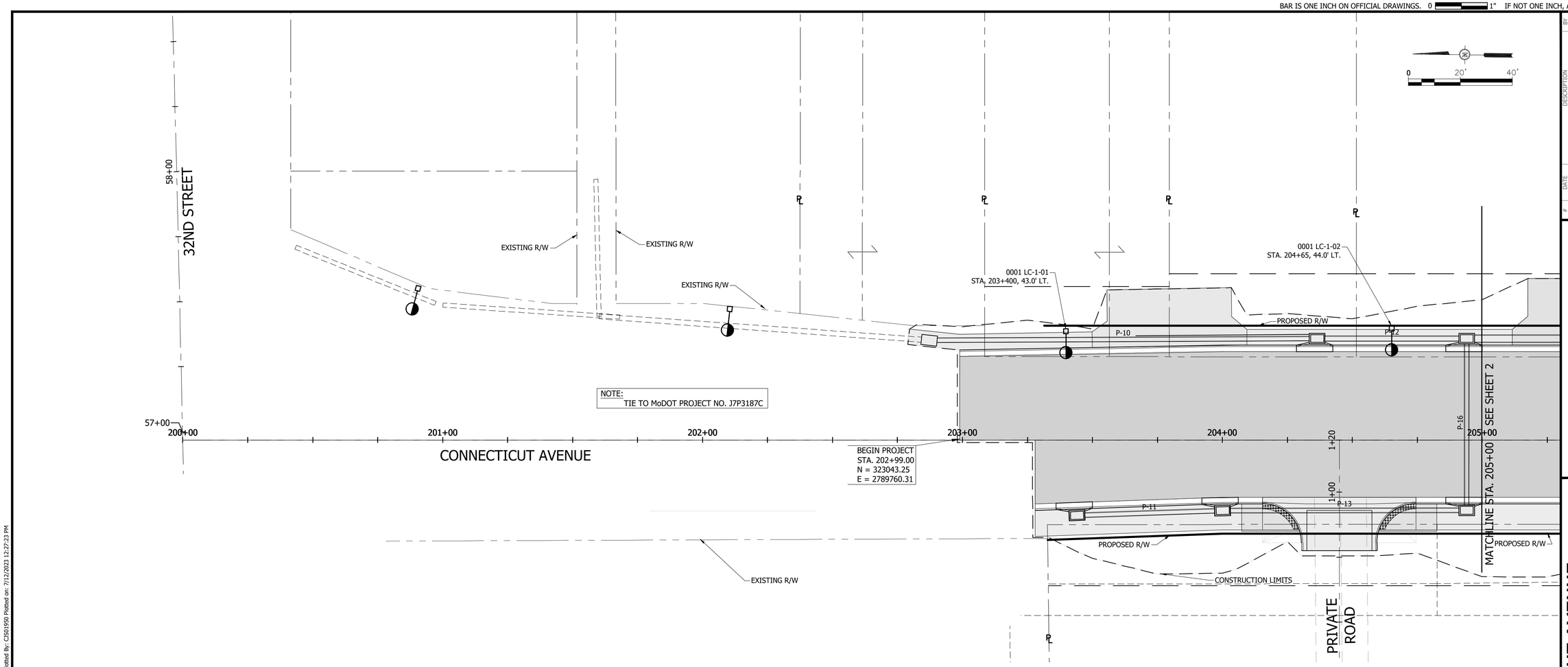
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	47
SHEET NO:	47 of 71

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Last edit on: 7/7/2023 2:59 PM by: CJS01950 Drawing Name: C:\pwdata\topeka01\cgs01950\dms2\19501\17595.007\C_Pavement_Marking_Plan2.dwg Layout Name: PM_5 Plotted By: CJS01950 Plotted on: 7/12/2023 12:26:45 PM

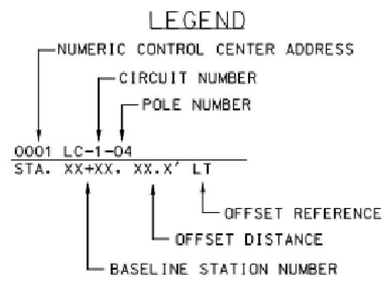
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



LIGHTING SYSTEM SPECIFICATIONS

1. LUMINAIRES
133W LED, AMERICAN ELECTRIC LIGHTING AUTOBAHN ATB2 40BLEDE70 - MVOLT - R3
LUMINAIRE SHALL HAVE TYPE III OPTICS AND SHALL BE LEVELED WITH THE ROADWAY. LUMINAIRES MUST BE APPROVED BY THE CITY PRIOR TO ORDERING

2. POLES
LUMINAIRES SHALL HAVE A 30' MOUNTING HEIGHT WITH ALUMINUM POLE AND A 6' MAST ARM. POLES MUST BE APPROVED BY THE CITY PRIOR TO ORDERING.



#	DESCRIPTION	DATE	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (417) 890-0808 FAX: (417) 890-0848
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartwest.com

CONNECTICUT AVENUE LIGHTING LAYOUT STA. 200+00 TO STA. 205+00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

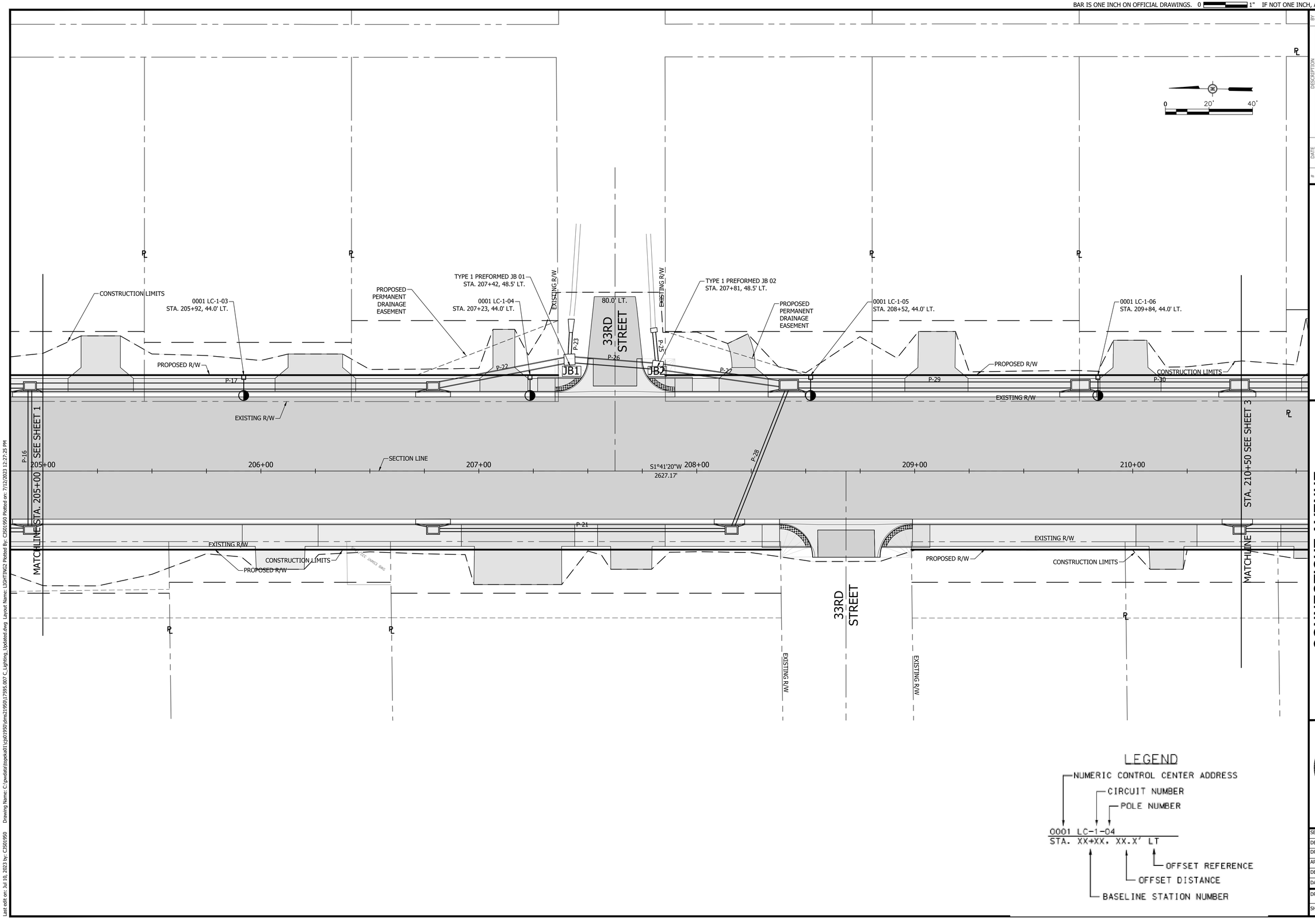
NEIL S. BRADY NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	48 of 71

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Last edit on: Jul 10, 2023 by: CS01950 Drawing Name: C:\pwdata\topeka01\cs01950\dms219595\17595.007 C_Lighting_Updated.dwg Layout Name: LIGHTING1 Plotted By: CS01950 Plotted on: 7/12/2023 12:27:23 PM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



LEGEND

NUMERIC CONTROL CENTER ADDRESS
CIRCUIT NUMBER
POLE NUMBER

0001 LC-1-04
STA. XX+XX. XX.X' LT

OFFSET REFERENCE
OFFSET DISTANCE
BASELINE STATION NUMBER

#	DESCRIPTION	DATE	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 364-6644 FAX (800) 364-6644
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartwest.com

CONNECTICUT AVENUE LIGHTING LAYOUT
STA. 205+00 TO STA. 210+50

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

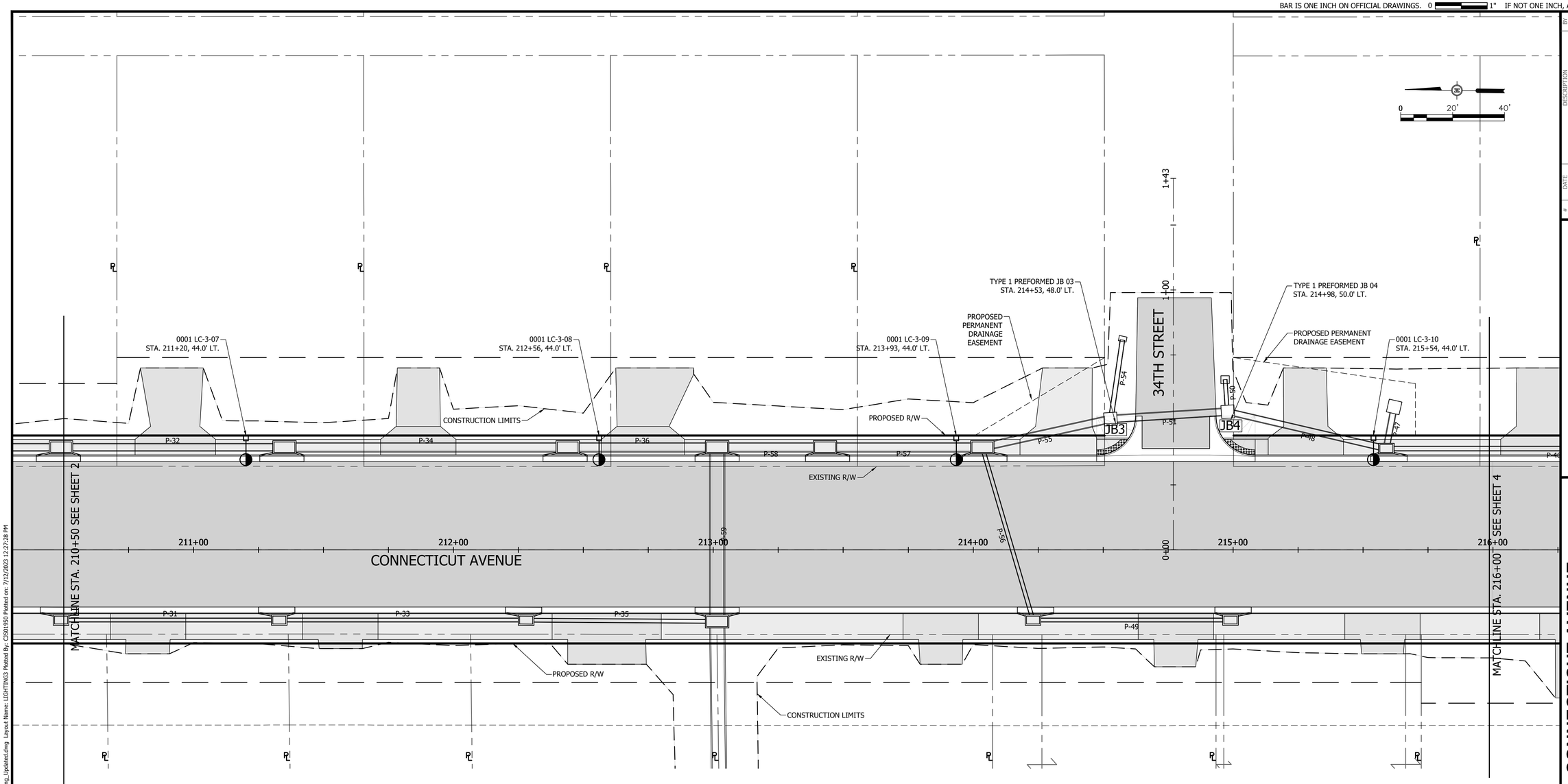
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
3/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	49 of 71

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Last edit on: Jul 10, 2023 by: CSD1950 Drawing Name: C:\pwidata\topeka01\cjob\1950\dms219501\17595.007 C_Lighting_Updated.dwg Layout Name: LIGHTING2 Plotted By: CSD1950 Plotted on: 7/12/2023 12:27:25 PM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



LEGEND

NUMERIC CONTROL CENTER ADDRESS
CIRCUIT NUMBER
POLE NUMBER

0001 LC-1-04
STA. XX+XX. XX.X' LT

OFFSET REFERENCE
OFFSET DISTANCE
BASELINE STATION NUMBER

#	DESCRIPTION	DATE	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 364-6464 FAX (800) 364-6464
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartwest.com

CONNECTICUT AVENUE LIGHTING LAYOUT STA. 210+50 TO STA. 216+00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

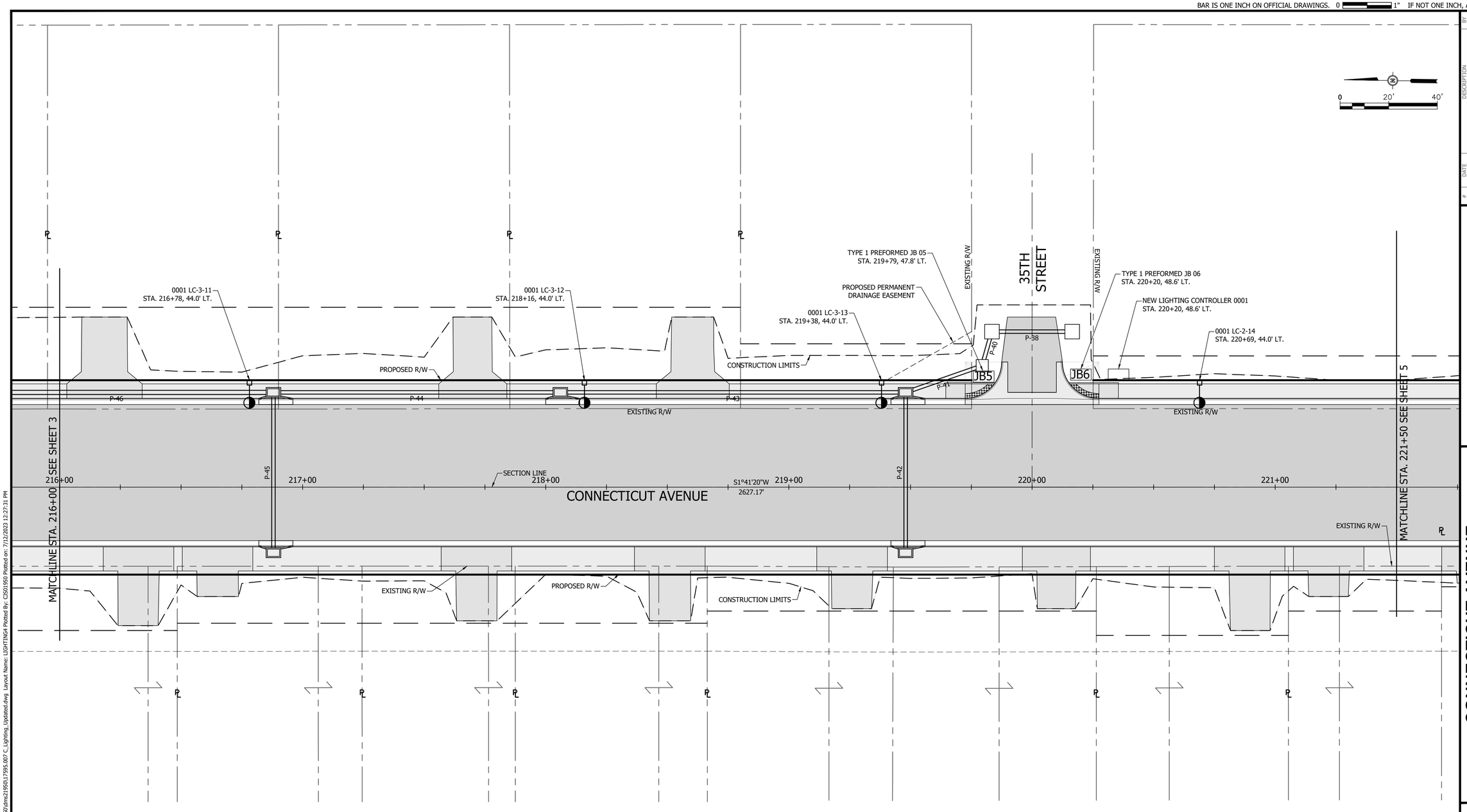
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	50 of 71

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Last edit on: Jul 10, 2023 by: CISOL950 Drawing Name: C:\pwdata\joplok01\d\cisol950\dms2195681\17595.007 C_Lighting_Updated.dwg Layout Name: LIGHTING3 Plotted By: CISOL950 Plotted on: 7/12/2023 12:27:28 PM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



LEGEND

NUMERIC CONTROL CENTER ADDRESS
CIRCUIT NUMBER
POLE NUMBER
0001 LC-1-04
STA. XX+XX. XX.X' LT
OFFSET REFERENCE
OFFSET DISTANCE
BASELINE STATION NUMBER

#	DESCRIPTION	DATE	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (417) 886-6464 FAX (417) 886-6466
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartwest.com

CONNECTICUT AVENUE LIGHTING LAYOUT STA. 216+00 TO STA. 221+50

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

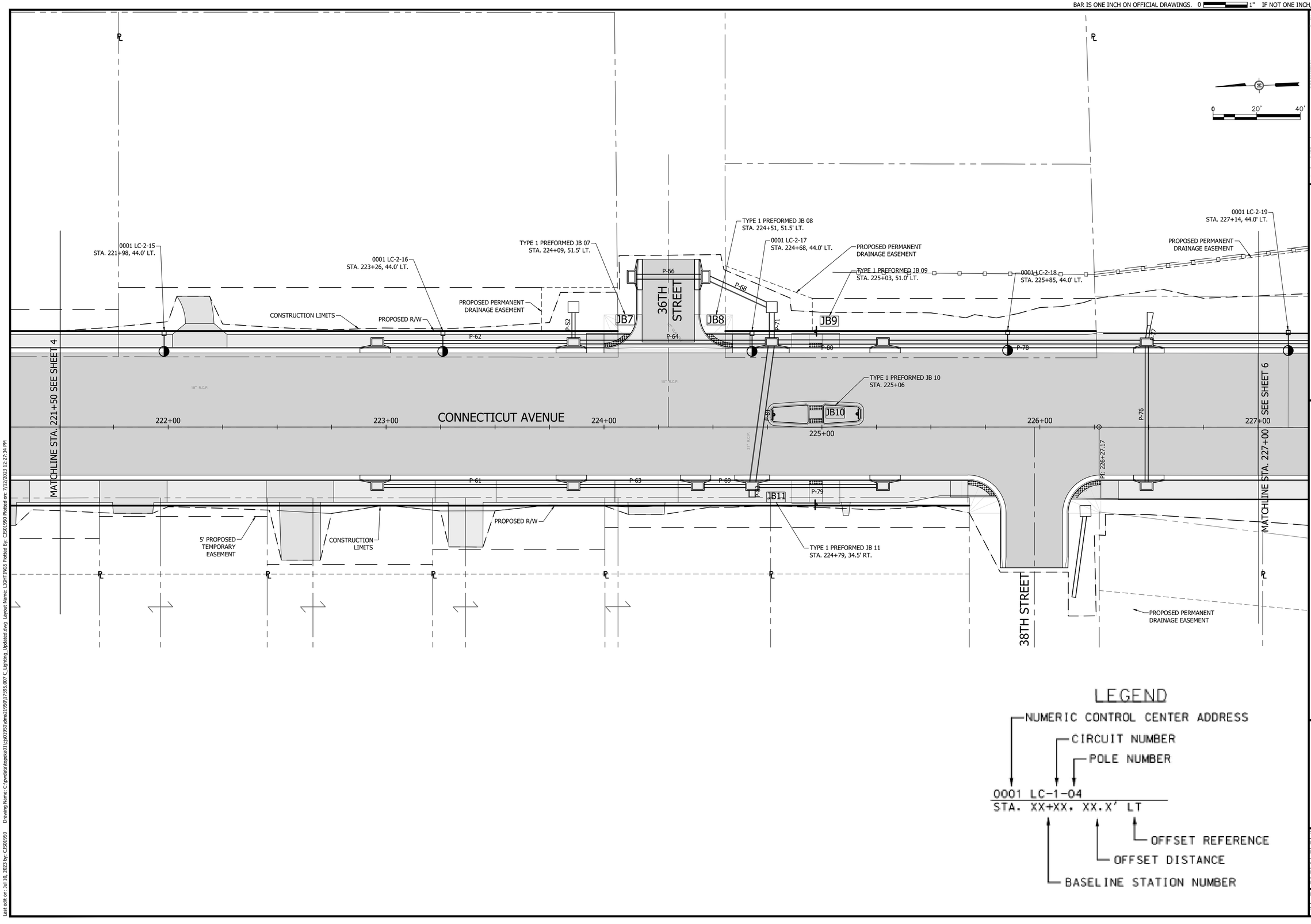
STATE OF MISSOURI
NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	51 of 71

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Last edit on: Jul 10, 2023 by: CISS1950 Drawing Name: C:\pwdata\bjperks\d01\cjs01950\dms219501\17595.007 C_Lighting_Undated.dwg Layout Name: LIGHTING4 Plotted By: CISS1950 Plotted on: 7/12/2023 12:27:31 PM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



LEGEND

#	DESCRIPTION	DATE	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (417) 864-8686 FAX (417) 864-8686
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartwest.com

CONNECTICUT AVENUE LIGHTING LAYOUT STA. 221+50 TO STA. 227+00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

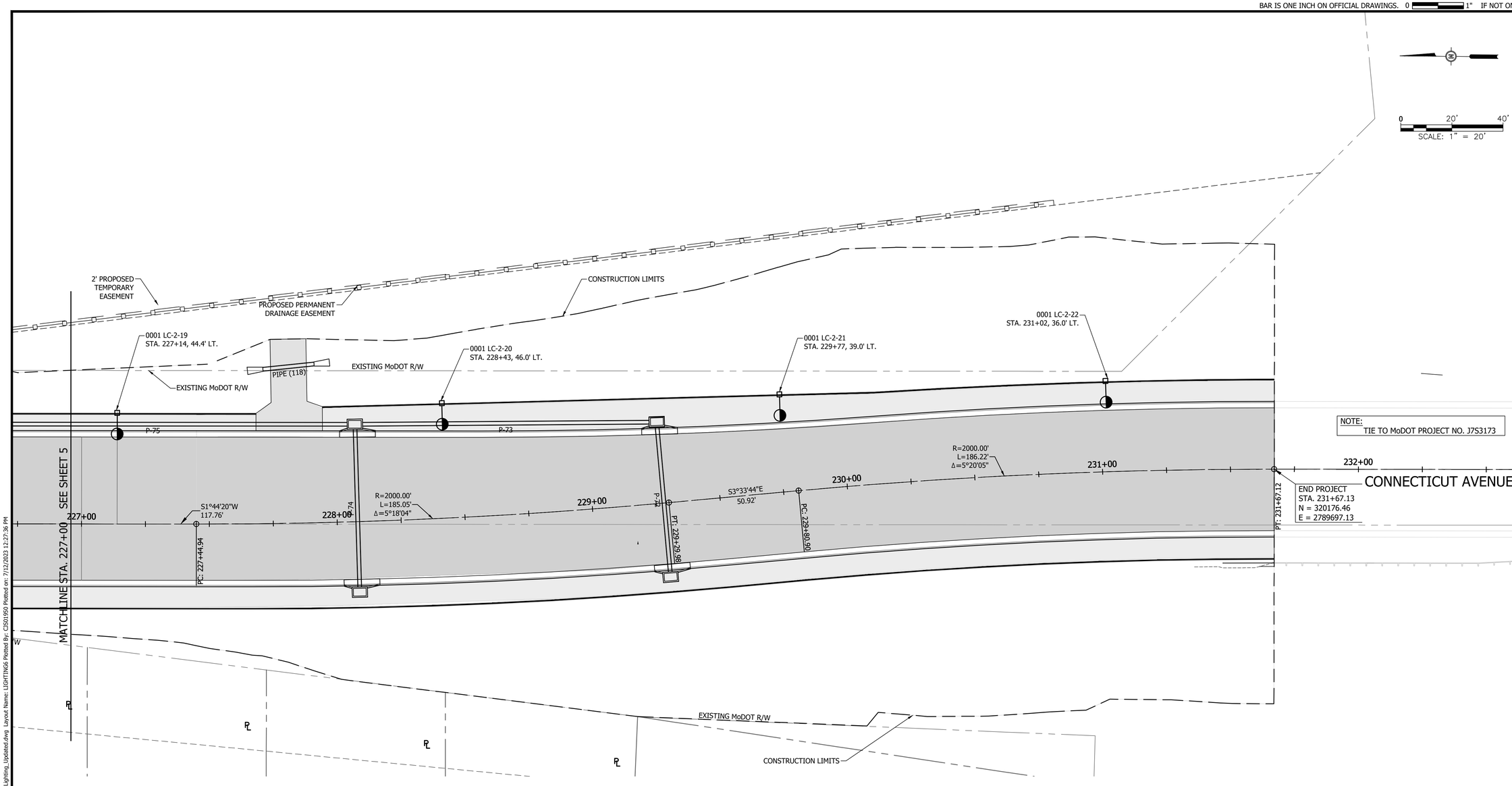
STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	52 of 71

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Last edit on: Jul 10, 2023 by: CSS01950 Drawing Name: C:\pwdata\topeka01\cjs01950\dms21950\17595.007 C_Lighting_Updated.dwg Layout Name: LIGHTING5 Plotted By: CSS01950 Plotted on: 7/12/2023 12:27:34 PM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



LEGEND

NUMERIC CONTROL CENTER ADDRESS
CIRCUIT NUMBER
POLE NUMBER

0001 LC-1-04
STA. XX+XX. XX.X' LT

OFFSET REFERENCE
OFFSET DISTANCE
BASELINE STATION NUMBER

CONNECTICUT AVENUE LIGHTING LAYOUT STA. 227+00 TO STA. 231+63.95

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

#	DATE	DESCRIPTION	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (417) 890-0644 FAX (417) 890-0646
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
www.bartwest.com

NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

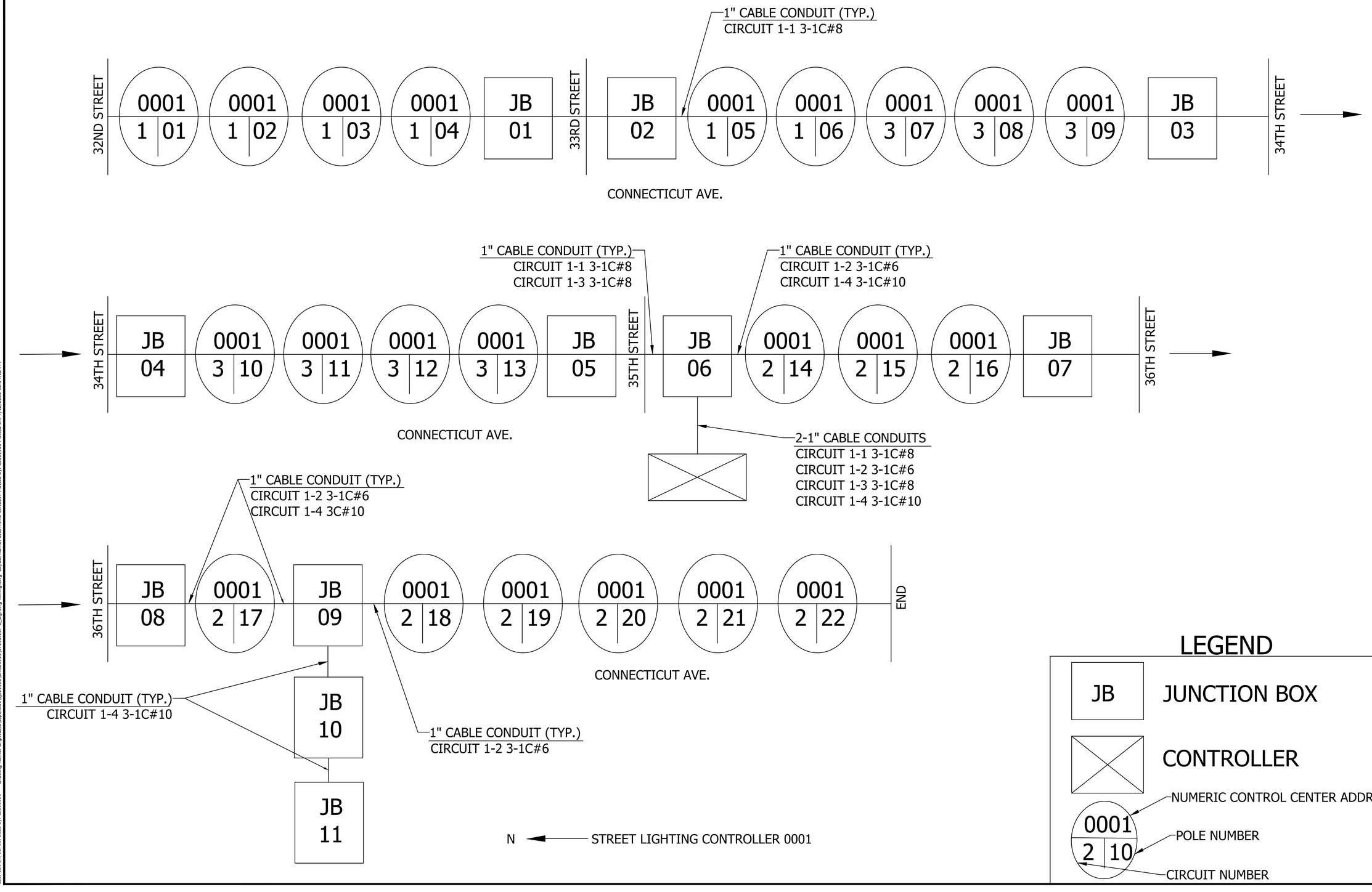
SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	53 of 71

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Last edit on: Jul 10, 2023 by: CI501950 Drawing Name: C:\pwdata\tarpoleb01\cjs81950\dms2195901\17595.007 C_Lighting_Updated.dwg Layout Name: LIGHTING6 Plotted By: CI501950 Plotted on: 7/12/2023 12:27:36 PM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

1. WIRING UP 30' POLE SHALL BE AS FOLLOWS 3-1C#10



LEGEND

- JB — JUNCTION BOX
- CONTROLLER
- 0001 / 2 10 — NUMERIC CONTROL CENTER ADDRESS; POLE NUMBER; CIRCUIT NUMBER

#	DESCRIPTION	DATE	BY

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (417) 890-0808 FAX: (417) 890-0845
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CONNECTICUT AVENUE LIGHTING CIRCUIT

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	
SHEET NO:	1 of 71

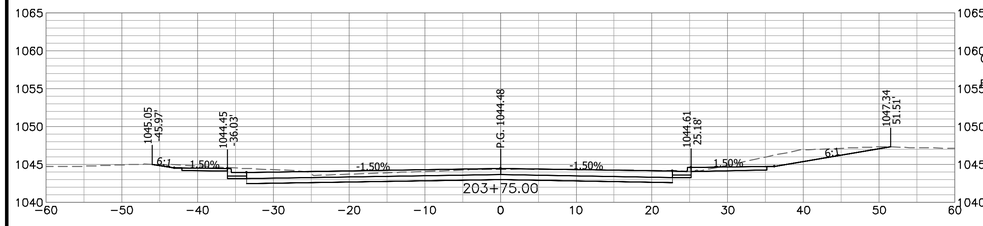
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Last edit on: Jul 10, 2023 by: CSI01950 Drawing Name: C:\pwdata\topeka01\cpi01950\dms219595\17595.007 C_Lighting Wiring.dwg Layout Name: LIGHTING CIRCUIT Plotted By: CSI01950 Plotted on: 7/12/2023 12:34:12 PM

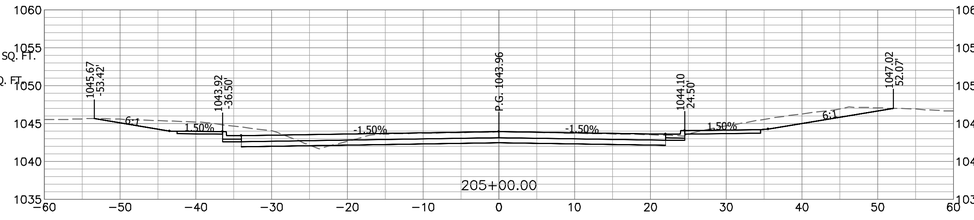
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

CROSS SECTIONS DO NOT SHOW SIDEROAD OR DRIVE ENTRANCE DETAILS
SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS

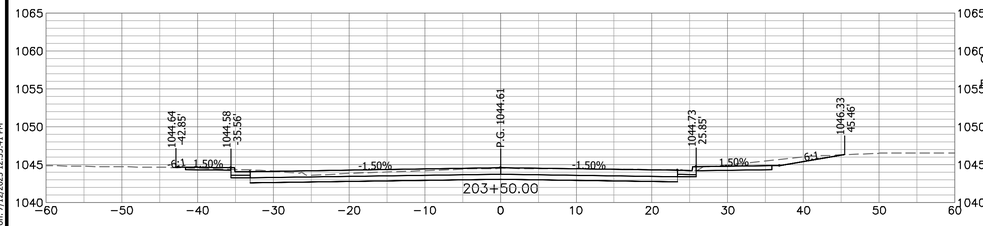
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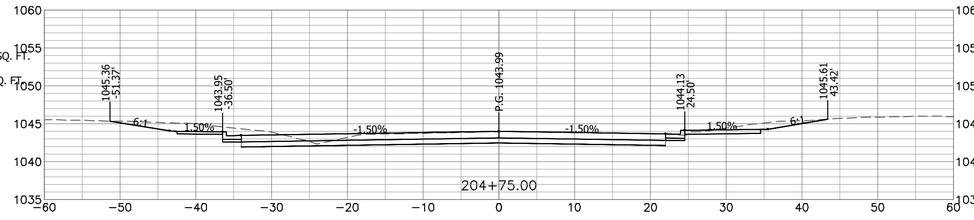
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FILL AREA: 0.0 SQ. FT.



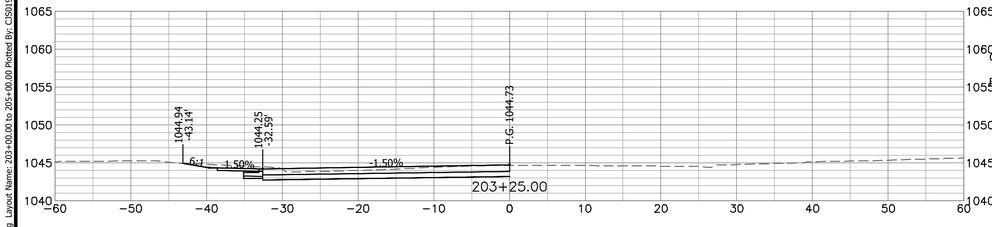
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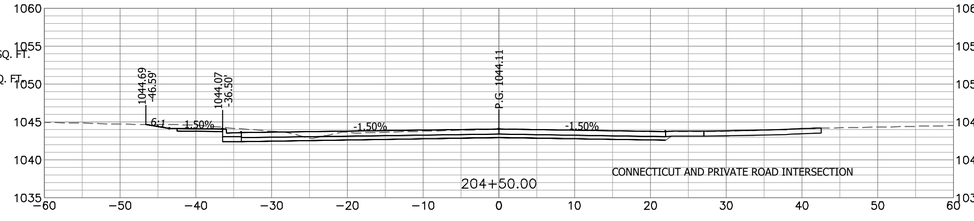
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FILL AREA: 0.1 SQ. FT.



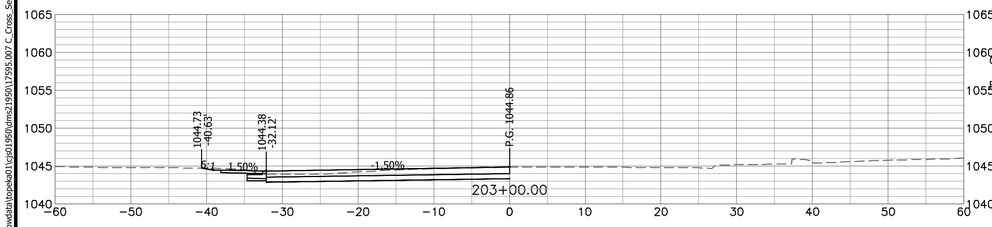
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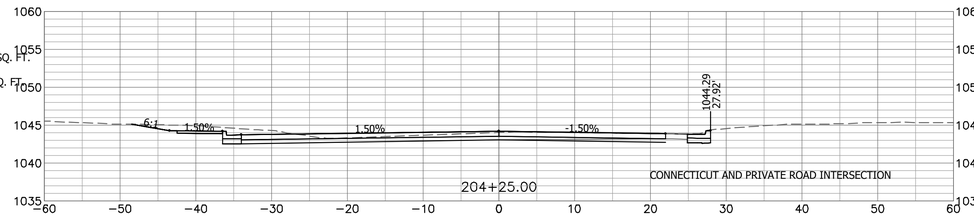
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FILL AREA: 0.0 SQ. FT.



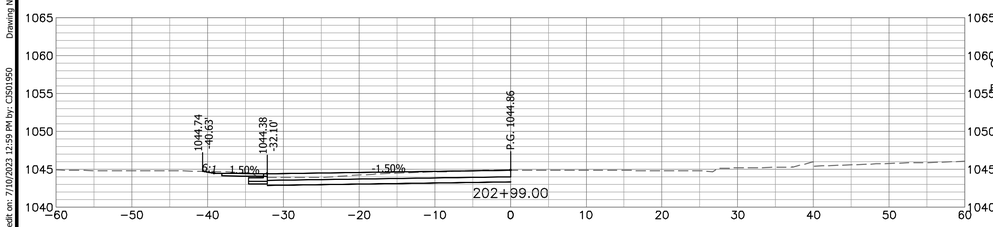
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FILL AREA: 0.0 SQ. FT.



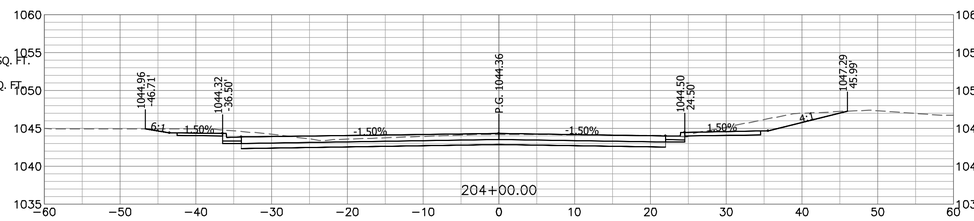
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FILL AREA: 0.0 SQ. FT.



CUT AREA: 71.6 SQ. FT.
FILL AREA: 0.0 SQ. FT.



CUT AREA: 45.9 SQ. FT.
FILL AREA: 0.0 SQ. FT.



CUT AREA: 112.0 SQ. FT.
FILL AREA: 0.1 SQ. FT.

CONNECTICUT AVE. CROSS SECTIONS 203+00.00 TO 205+00.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 364-0446 FAX (800) 364-0446
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	55
SHEET NO:	55 of 71

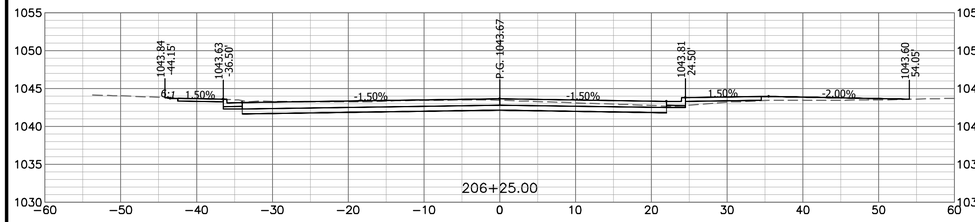
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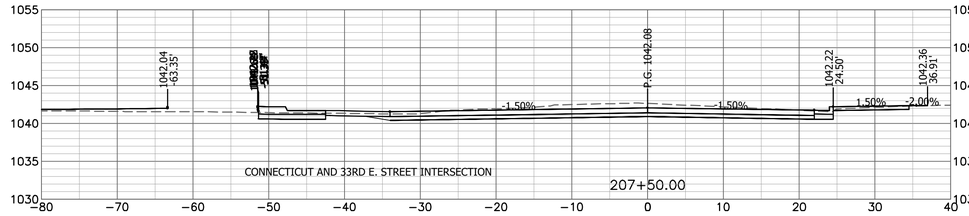
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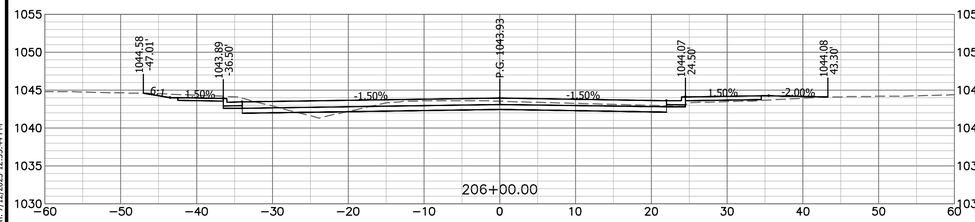
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

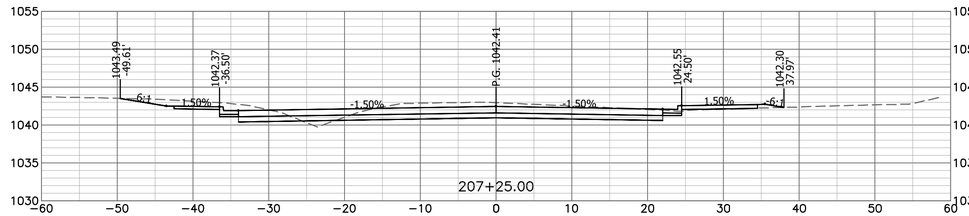
CROSS SECTIONS DO NOT SHOW SIDEROAD OR DRIVE ENTRANCE DETAILS
SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS

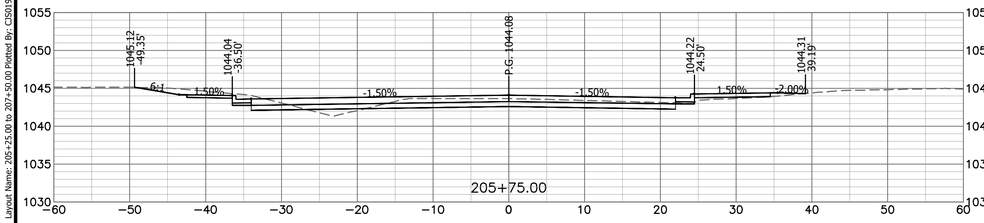
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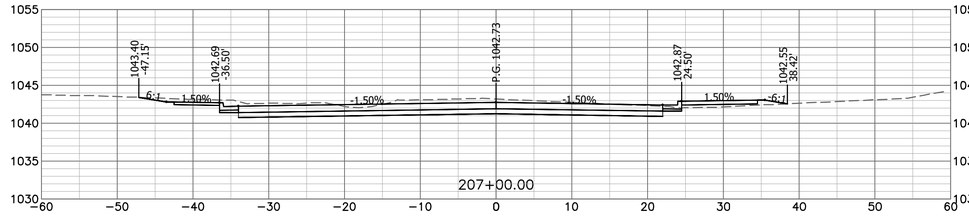


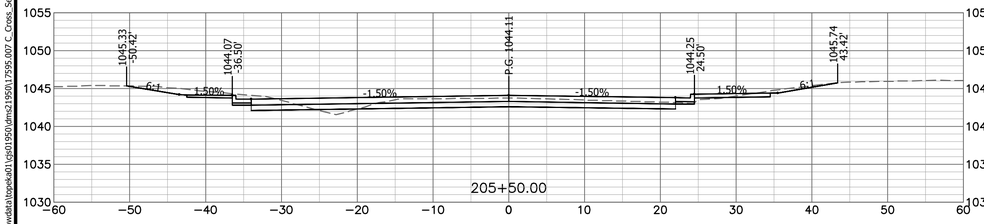


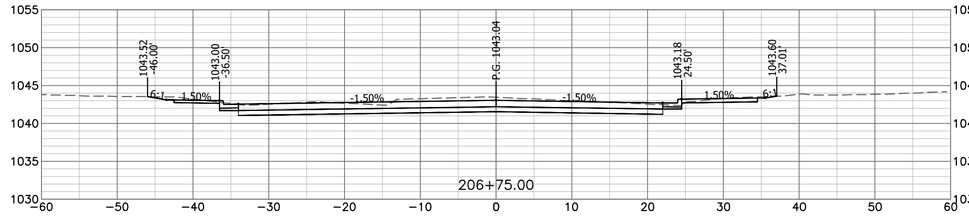


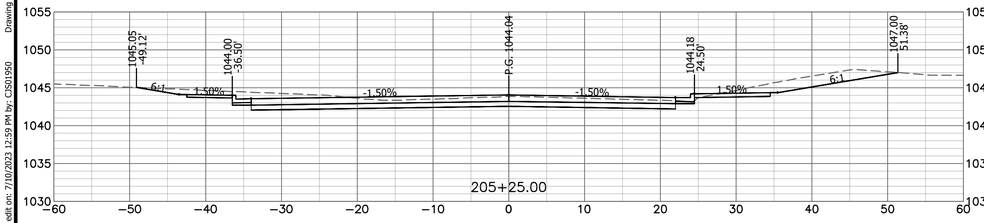


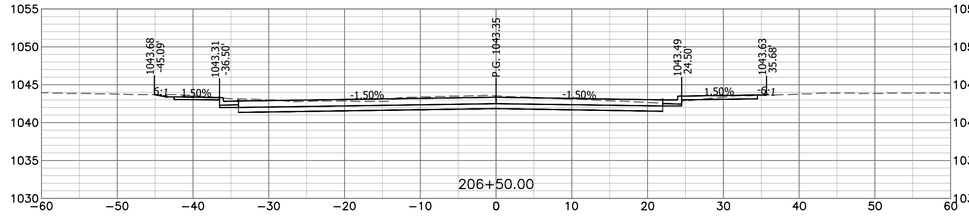












#	DATE	DESCRIPTION	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (417) 890-0808 FAX: (417) 890-0845
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CONNECTICUT AVE. CROSS SECTIONS 205+25.00 TO 207+50.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	56
SHEET NO:	56 of 71

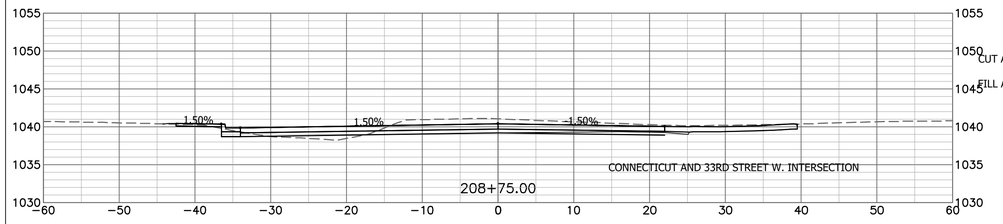
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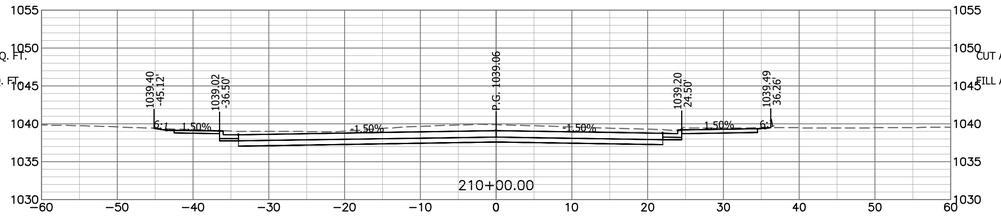
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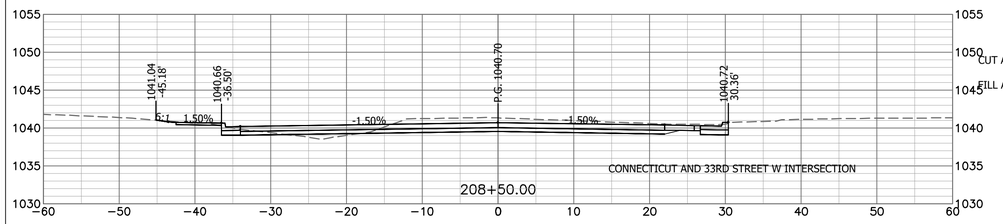
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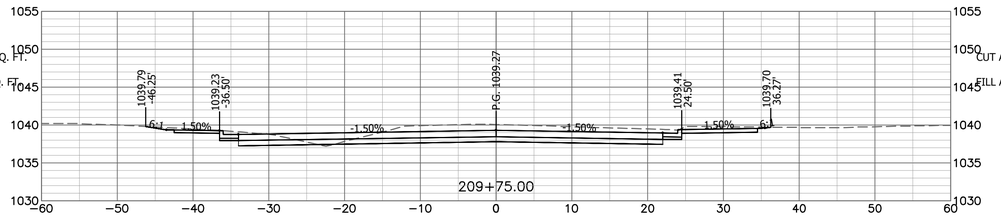
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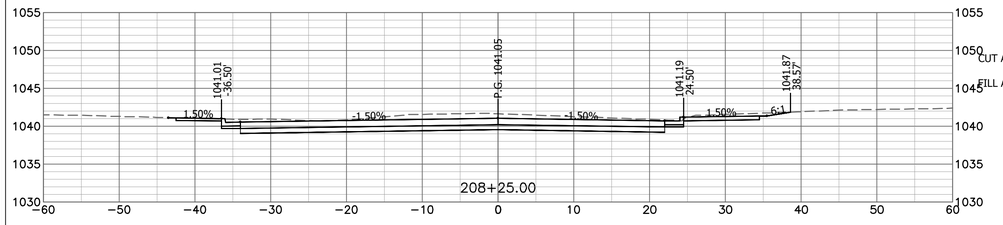
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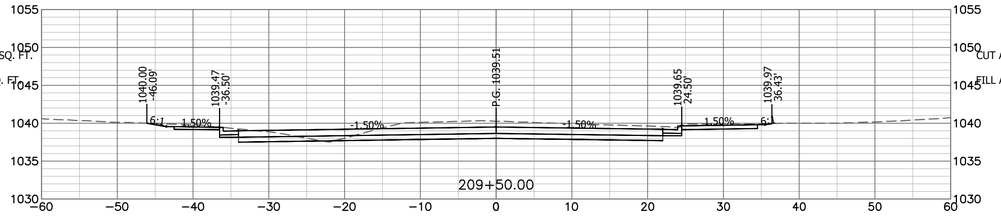


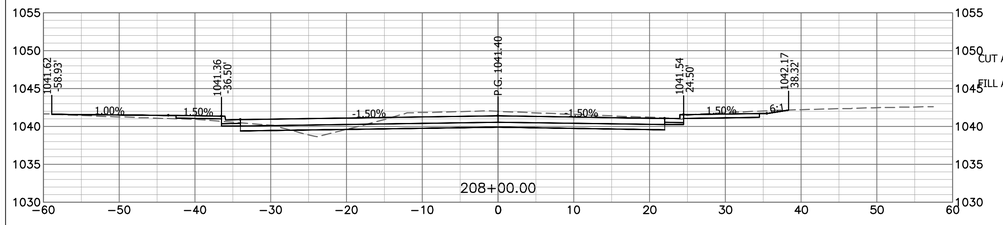


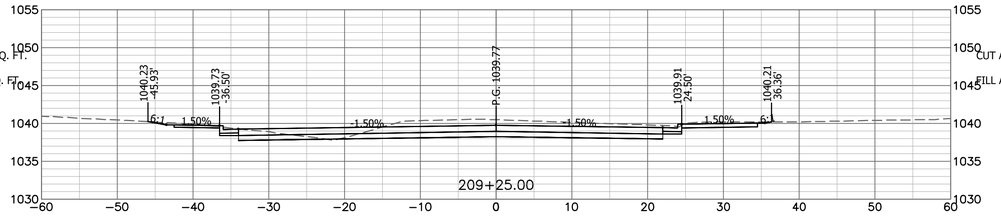


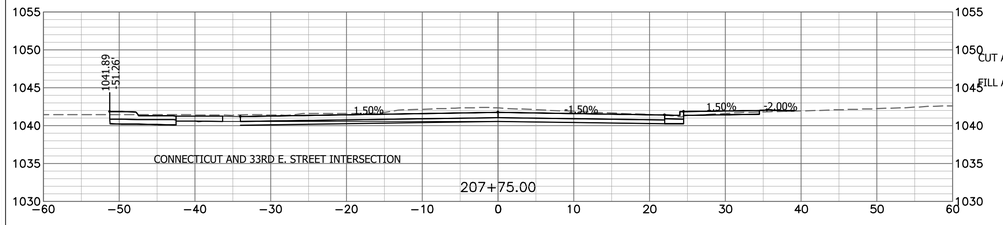


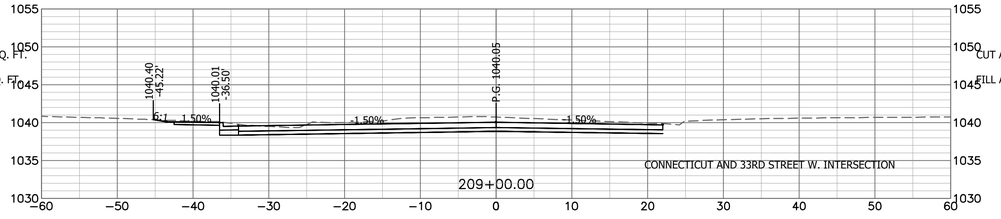












CONNECTICUT AVE. CROSS SECTIONS 207+75.00 TO 210+00.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
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PHONE: (417) 890-0808 FAX: (417) 890-0644
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
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NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	57
SHEET NO:	57 of 71

#	DATE	DESCRIPTION	BY

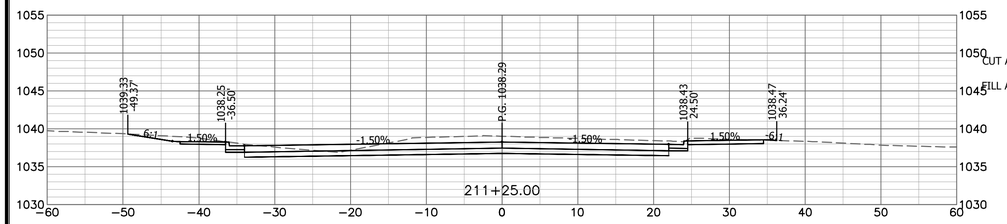
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Last edit on: 7/10/2023 12:59 PM by: CSI01950 Drawing Name: C:\pwdata\tosekal01\wp01950\dms2195\17595.007 C_Cross_Sections.dwg Layout Name: 207+75.00 to 210+00.00 Plotted By: CSI01950 Plotted on: 7/12/2023 12:35:48 PM

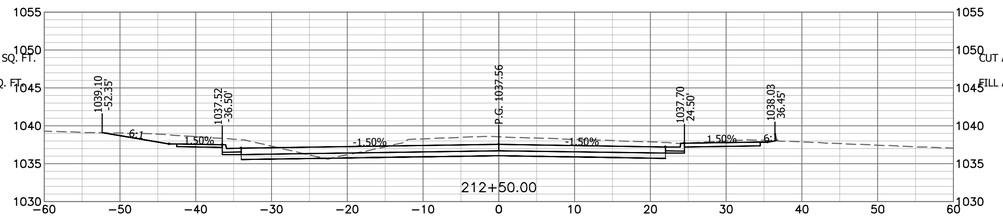
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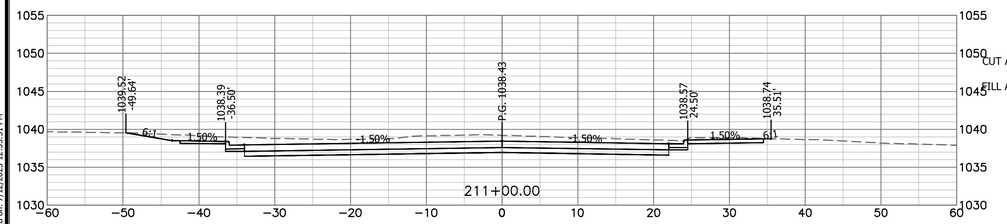
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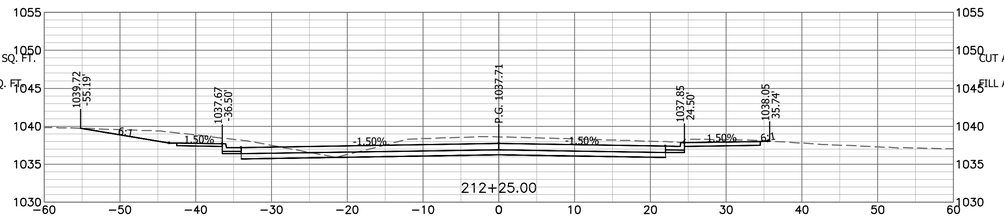
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FILL AREA: 0.1 SQ. FT.



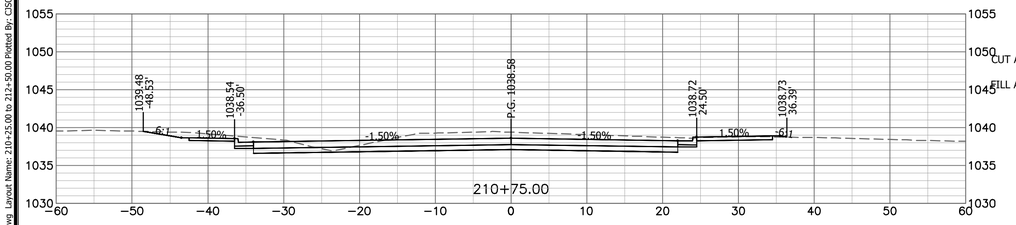
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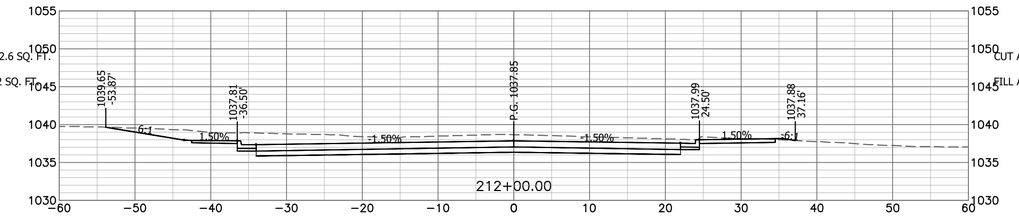
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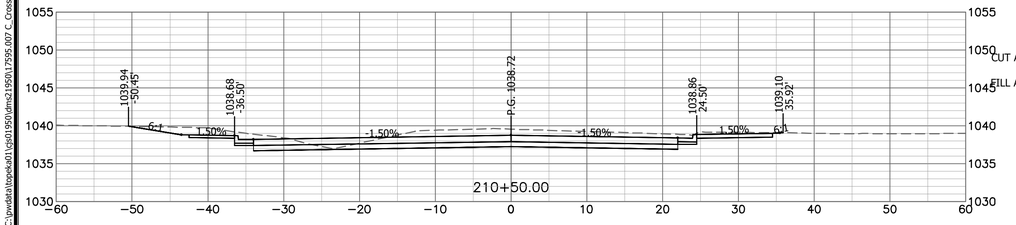
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FILL AREA: 0.0 SQ. FT.



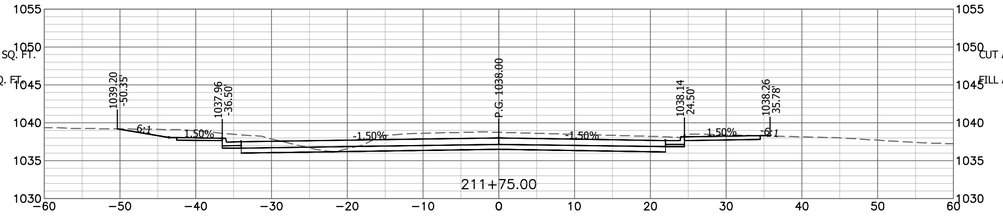
CUT AREA: 122.6 SQ. FT.
FILL AREA: 0.2 SQ. FT.



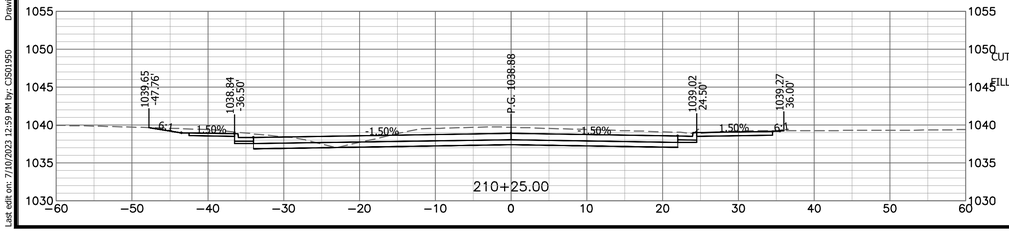
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FILL AREA: 0.3 SQ. FT.



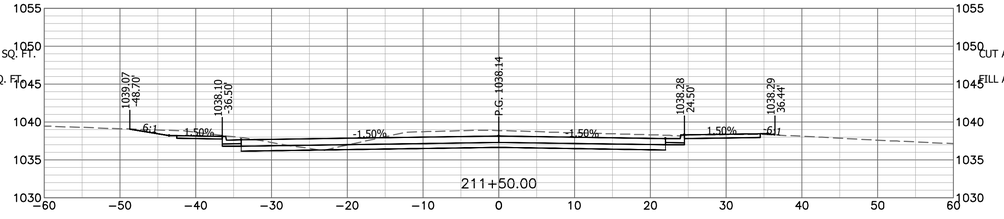
CUT AREA: 129.2 SQ. FT.
FILL AREA: 0.0 SQ. FT.



CUT AREA: 128.4 SQ. FT.
FILL AREA: 0.0 SQ. FT.



CUT AREA: 120.5 SQ. FT.
FILL AREA: 0.0 SQ. FT.



CUT AREA: 112.7 SQ. FT.
FILL AREA: 0.2 SQ. FT.

CONNECTICUT AVE. CROSS SECTIONS 210+25.00 TO 212+50.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (417) 890-0444 FAX: (417) 890-0445
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	58
SHEET NO:	58 of 71

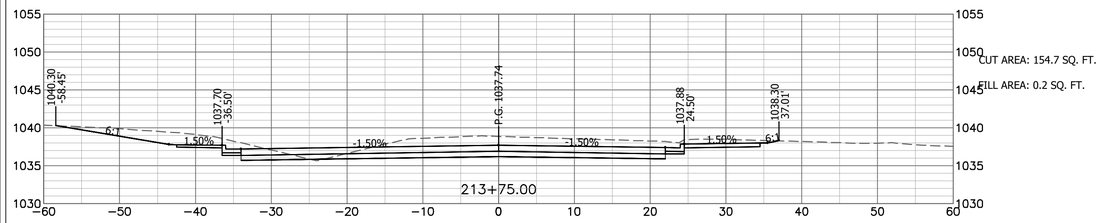
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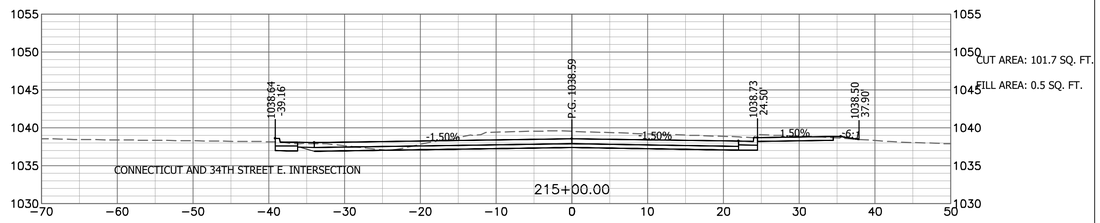
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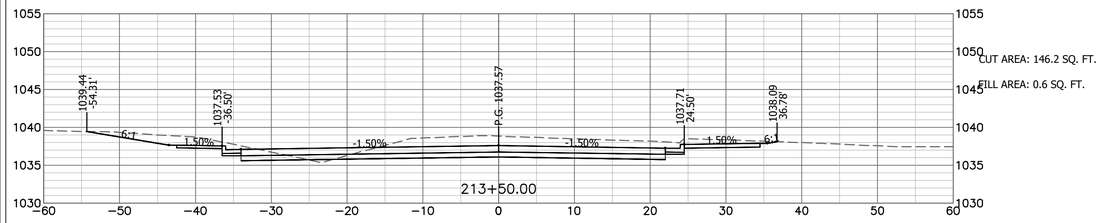
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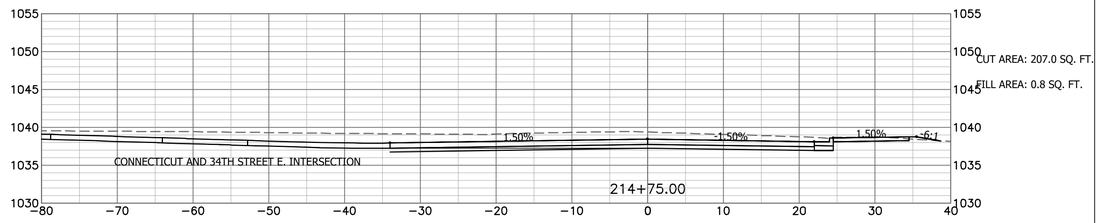
CROSS SECTIONS DO NOT SHOW SIDEROAD OR DRIVE ENTRANCE DETAILS
SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS

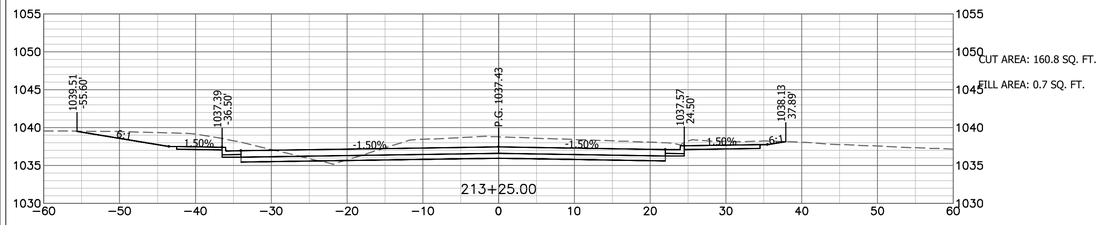
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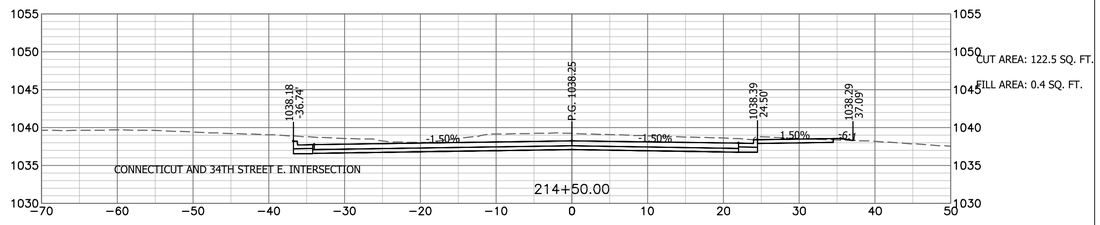


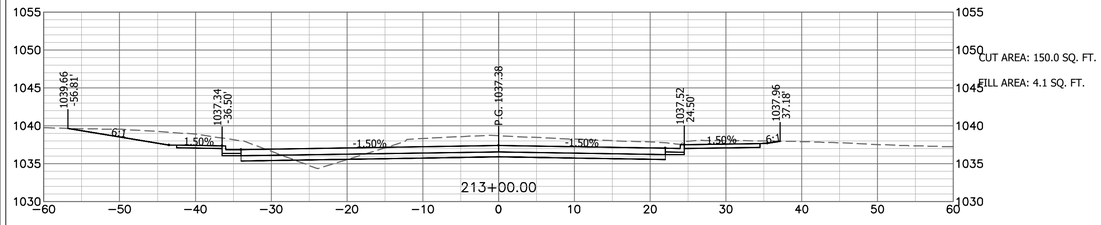


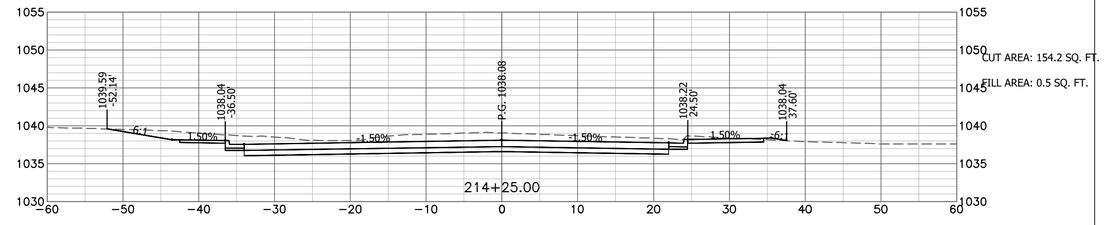


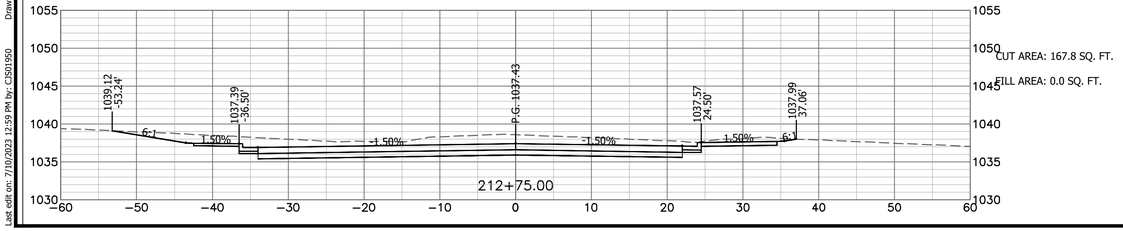


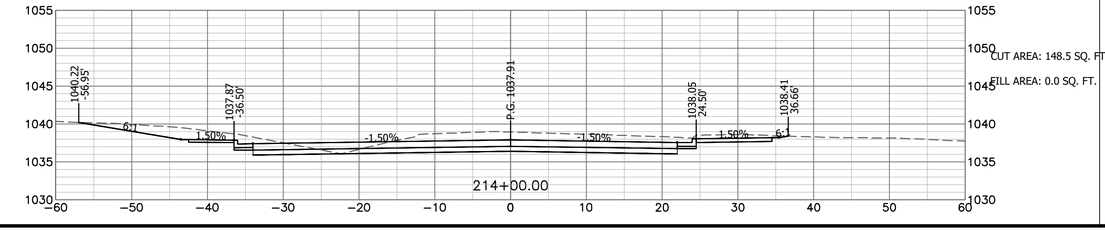












BY | DESCRIPTION | DATE | #

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (800) 364-4644 FAX: (800) 364-4644
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CONNECTICUT AVE. CROSS SECTIONS 212+75.00 TO 215+00.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	59
SHEET NO:	59 of 71

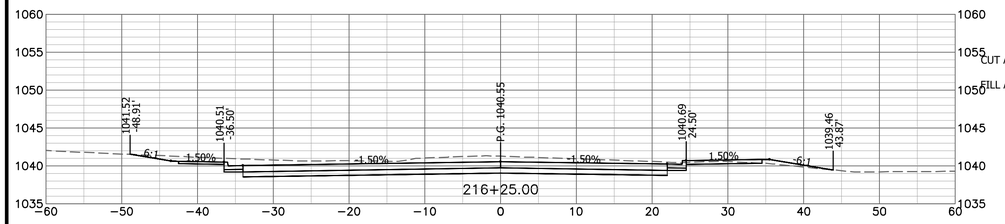
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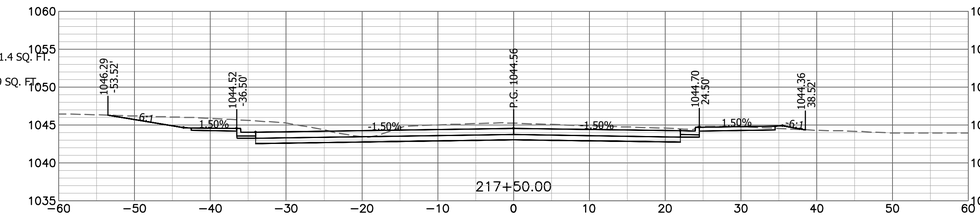
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

CROSS SECTIONS DO NOT SHOW SIDEROAD OR DRIVE ENTRANCE DETAILS
SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS

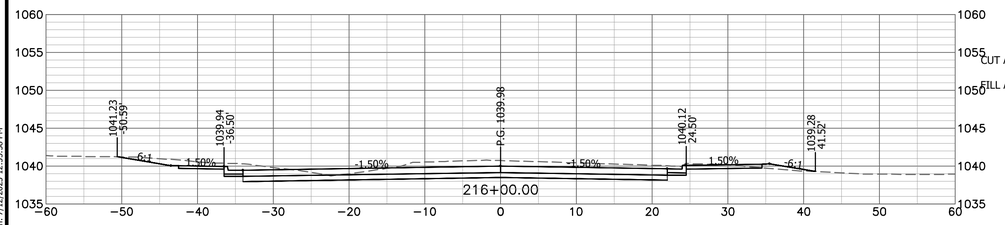
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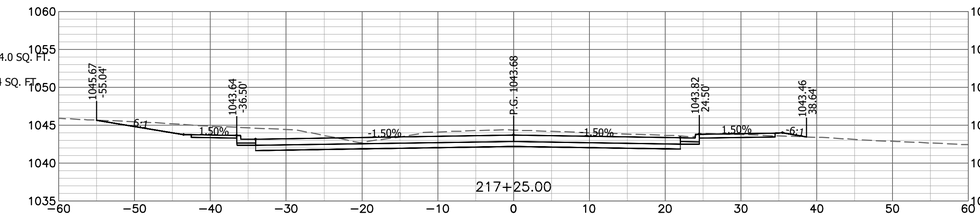
CUT AREA: 131.4 SQ. FT.
FILL AREA: 2.9 SQ. FT.



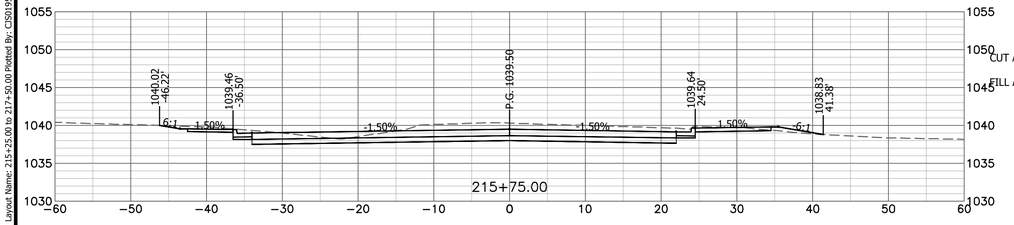
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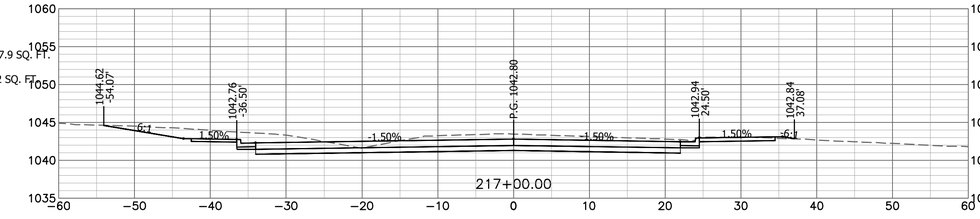
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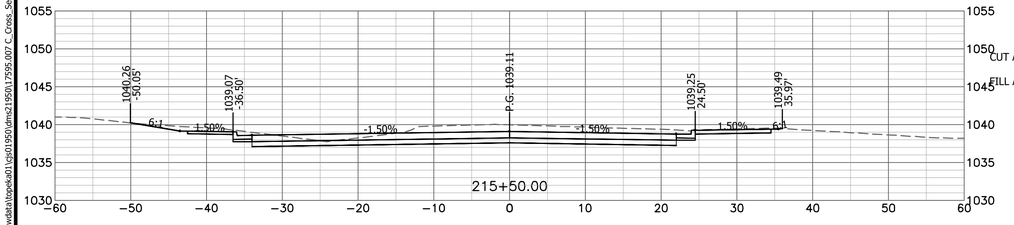
CUT AREA: 140.6 SQ. FT.
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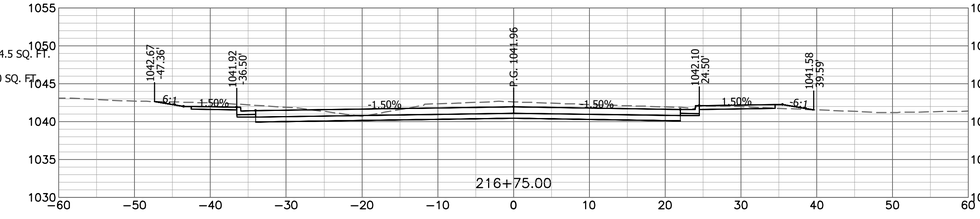
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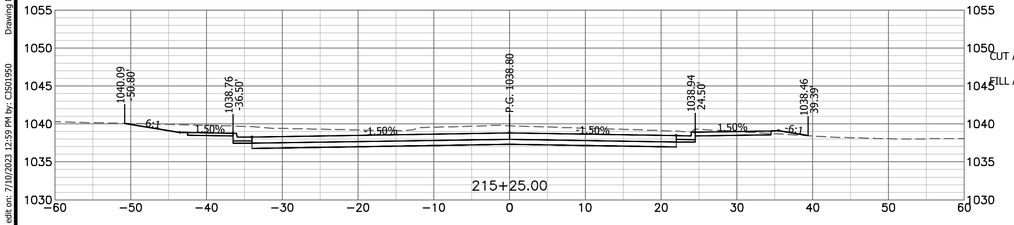
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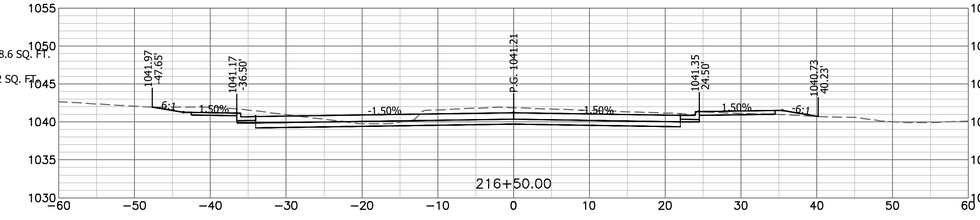
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FILL AREA: 0.0 SQ. FT.



CUT AREA: 115.6 SQ. FT.
FILL AREA: 1.5 SQ. FT.



CUT AREA: 158.6 SQ. FT.
FILL AREA: 1.2 SQ. FT.



CUT AREA: 109.0 SQ. FT.
FILL AREA: 1.8 SQ. FT.

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (417) 890-0808 FAX: (417) 890-0844
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CONNECTICUT AVE. CROSS SECTIONS 215+25.00 TO 217+50.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	60
SHEET NO:	60 of 71

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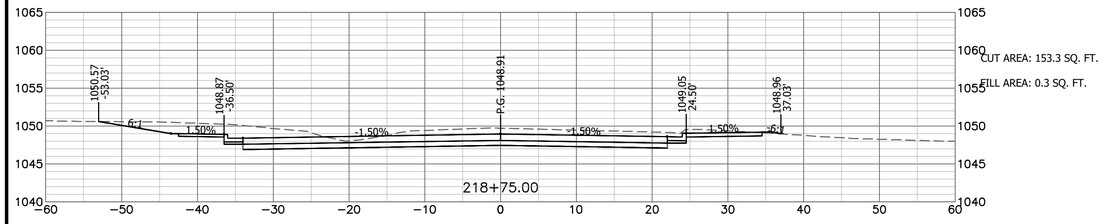
BY | DESCRIPTION | DATE | #

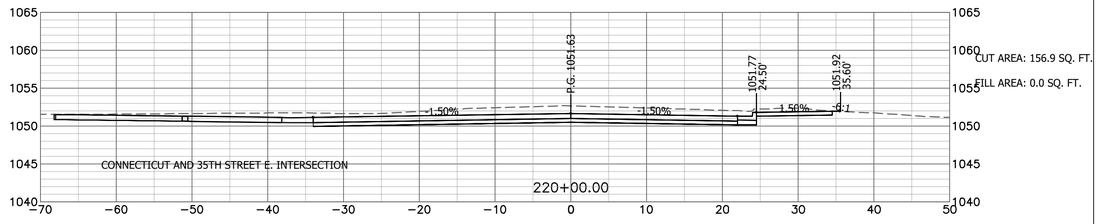
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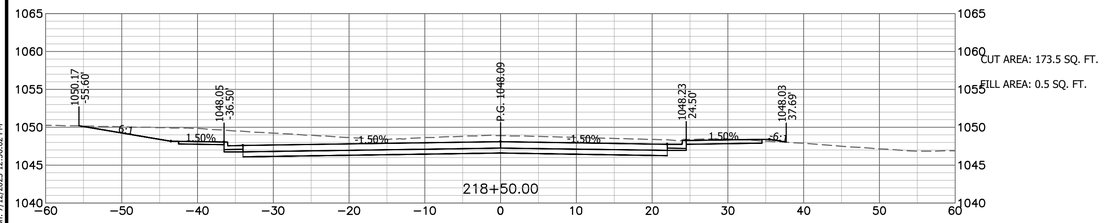
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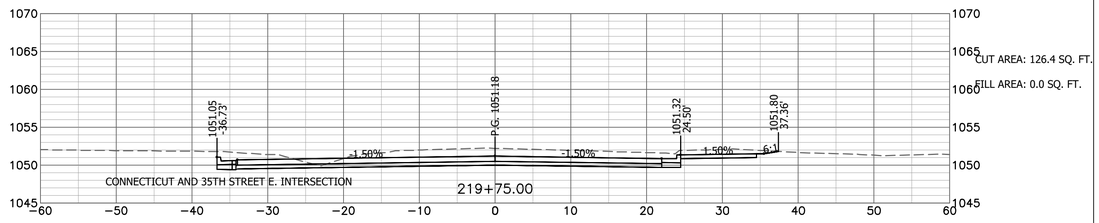
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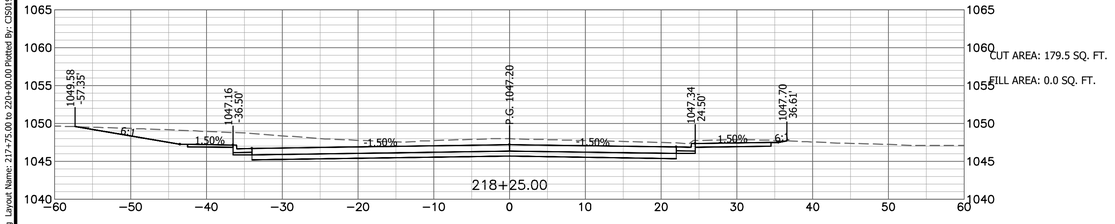
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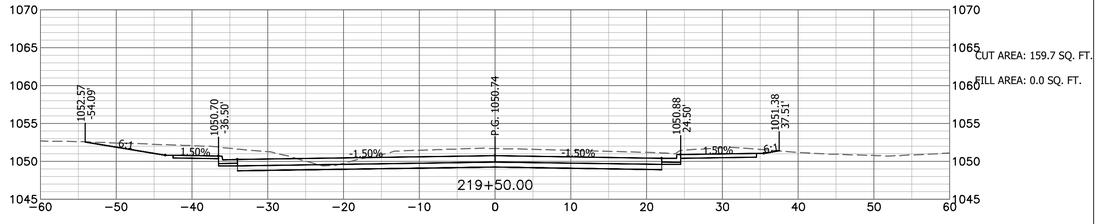


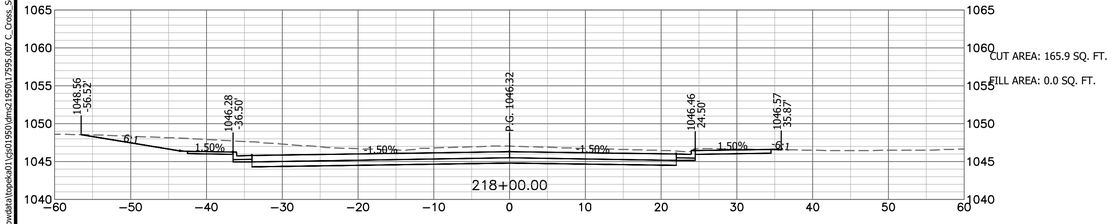


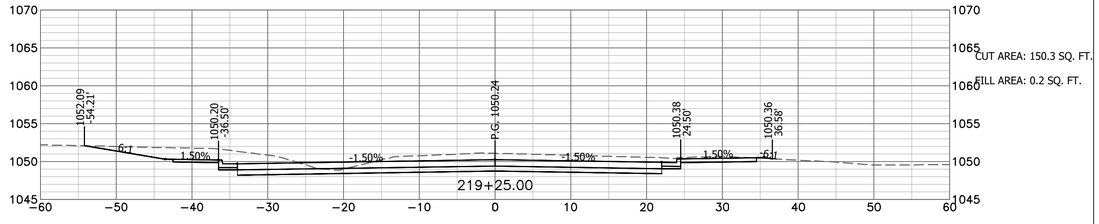


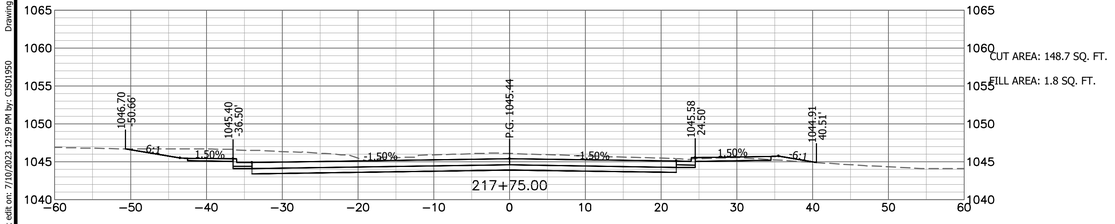


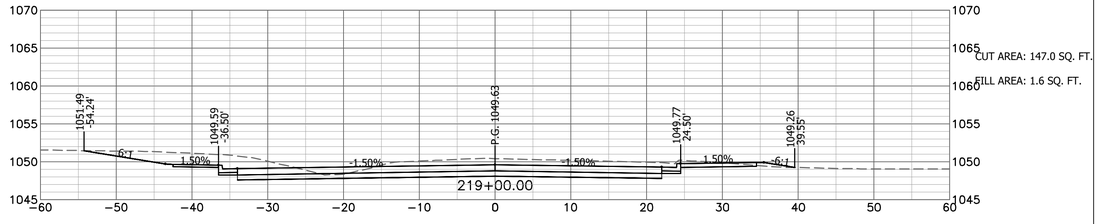












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#	DATE	DESCRIPTION	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (417) 886-4646 FAX: (417) 886-4647
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CONNECTICUT AVE. CROSS SECTIONS 217+75.00 TO 220+00.00

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NEWTON COUNTY, JOPLIN, MISSOURI

NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

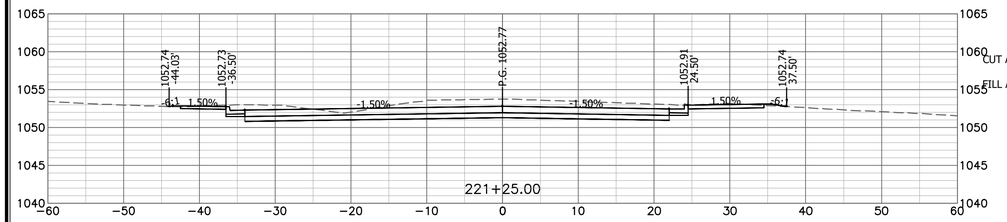
SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	61
SHEET NO:	61 of 71

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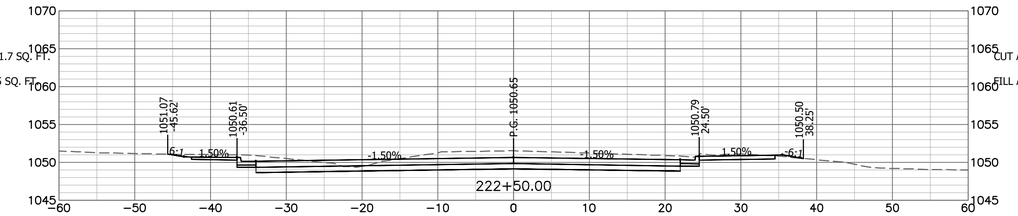
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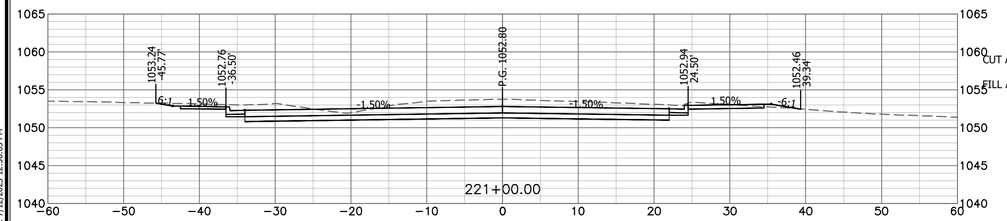
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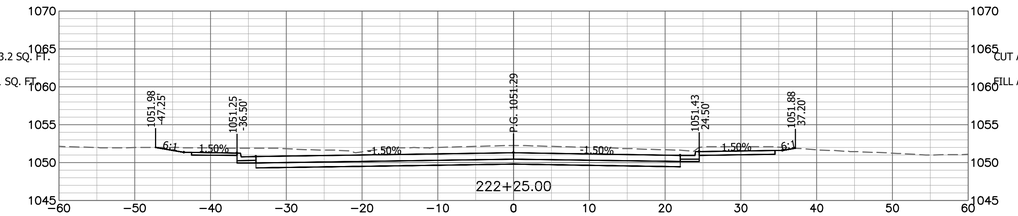
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FILL AREA: 0.5 SQ. FT.



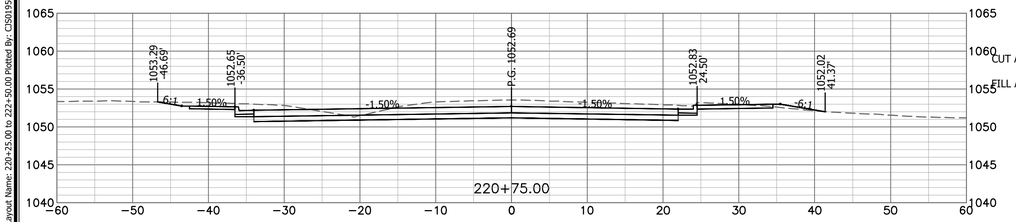
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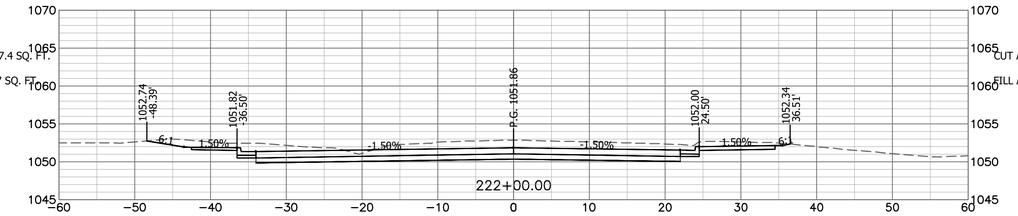
CUT AREA: 133.2 SQ. FT.
FILL AREA: 1.1 SQ. FT.



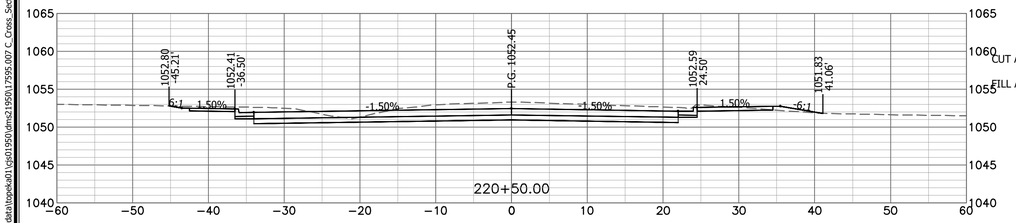
CUT AREA: 158.1 SQ. FT.
FILL AREA: 0.0 SQ. FT.



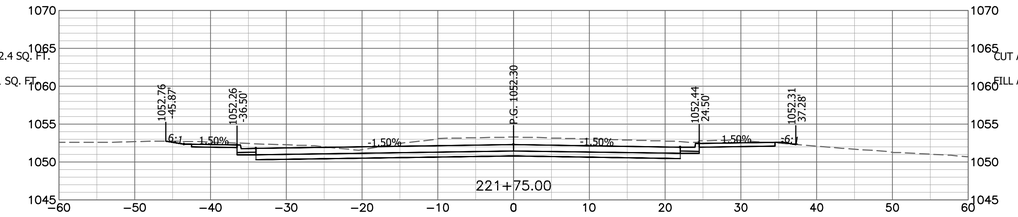
CUT AREA: 127.4 SQ. FT.
FILL AREA: 1.7 SQ. FT.



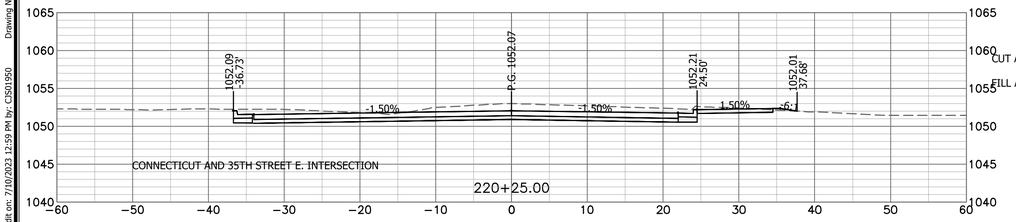
CUT AREA: 154.1 SQ. FT.
FILL AREA: 0.0 SQ. FT.



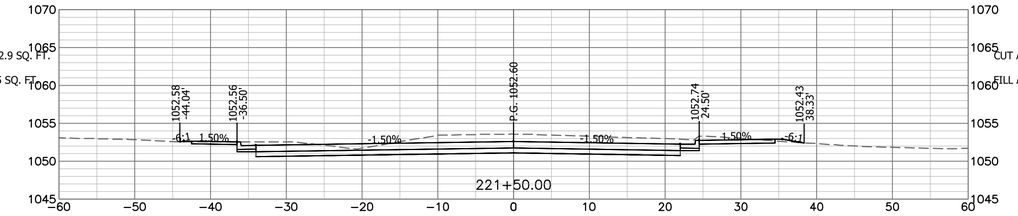
CUT AREA: 122.4 SQ. FT.
FILL AREA: 2.1 SQ. FT.



CUT AREA: 138.8 SQ. FT.
FILL AREA: 0.3 SQ. FT.



CUT AREA: 112.9 SQ. FT.
FILL AREA: 0.5 SQ. FT.



CUT AREA: 131.3 SQ. FT.
FILL AREA: 0.8 SQ. FT.

CONNECTICUT AVE. CROSS SECTIONS 220+25.00 TO 222+50.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (417) 890-0045 FAX: (417) 890-0046
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	62
SHEET NO:	62 of 71

#	DATE	DESCRIPTION	BY

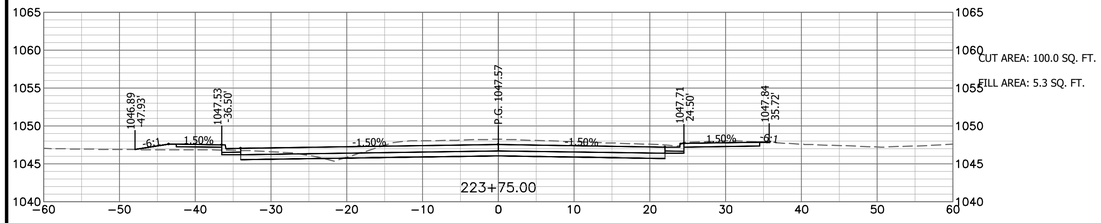
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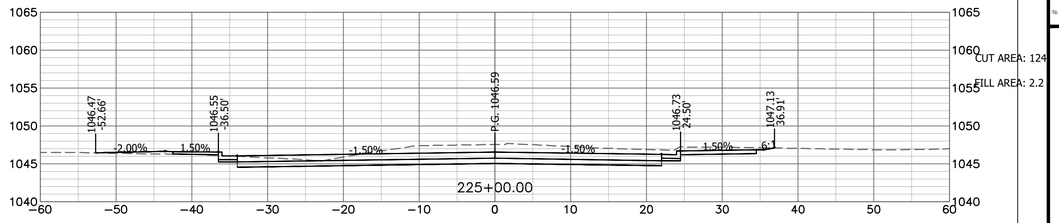
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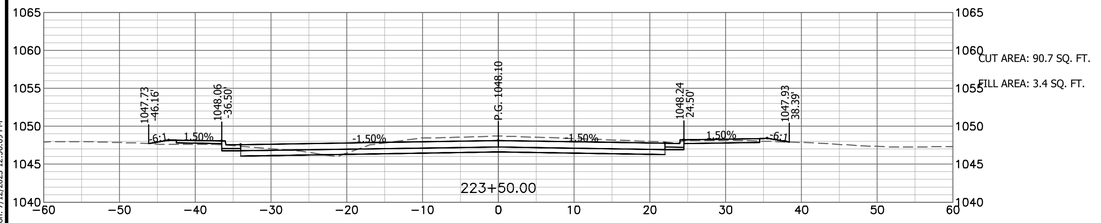
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

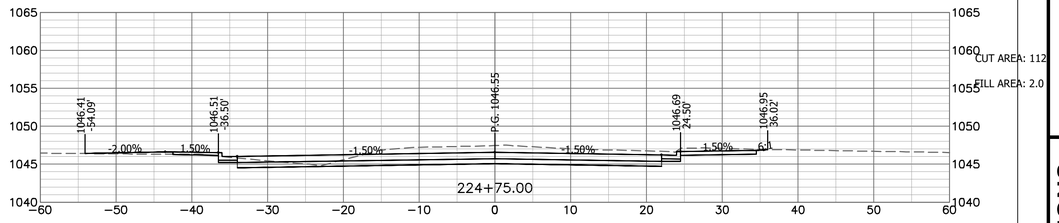
CROSS SECTIONS DO NOT SHOW SIDEROAD OR DRIVE ENTRANCE DETAILS
SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS

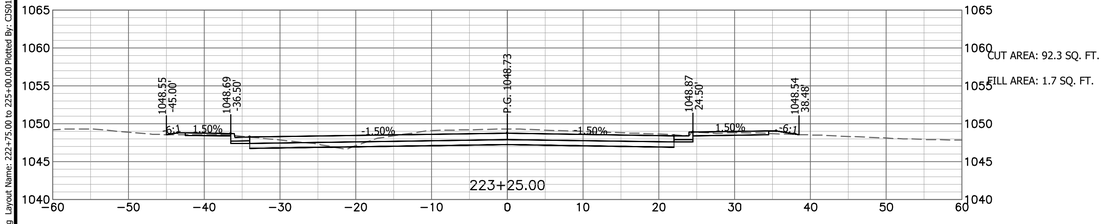
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SCALE: 1" = 20'

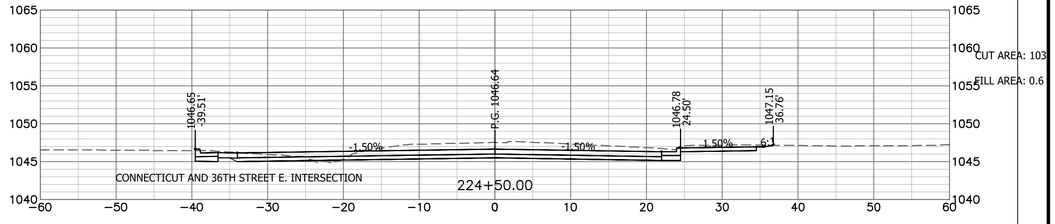


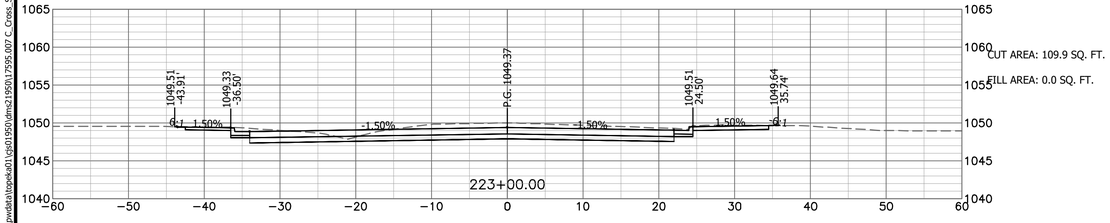


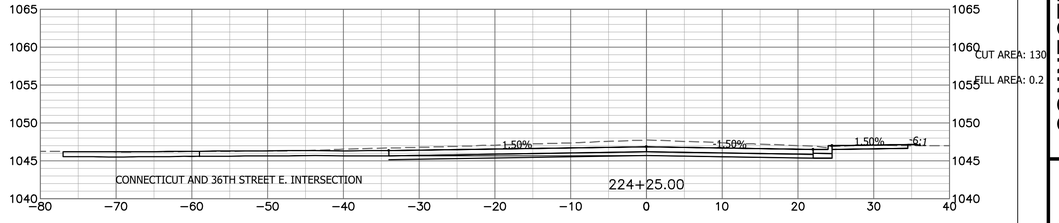


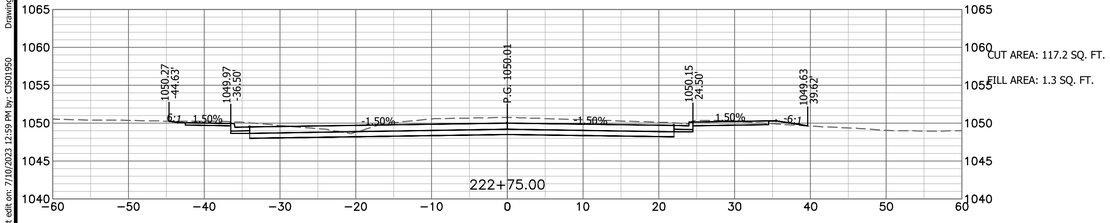


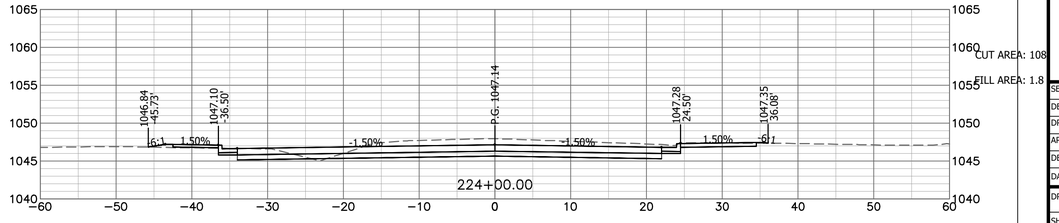












CONNECTICUT AVE. CROSS SECTIONS 222+75.00 TO 225+00.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (800) 364-4644 FAX: (800) 364-4644
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	63
SHEET NO:	63 of 71

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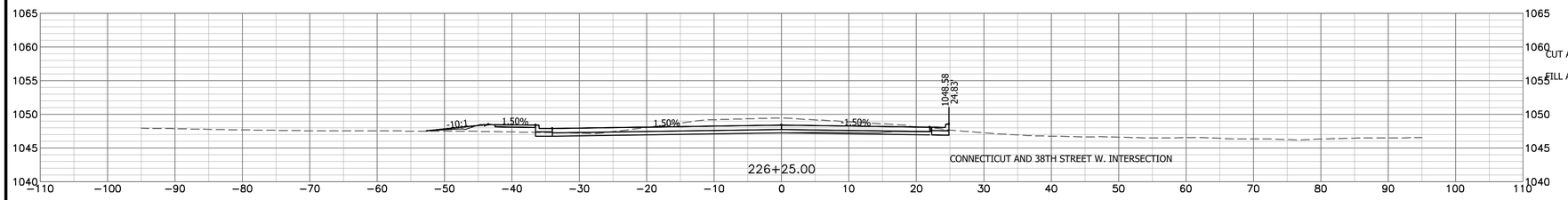
BY | DESCRIPTION | DATE | #

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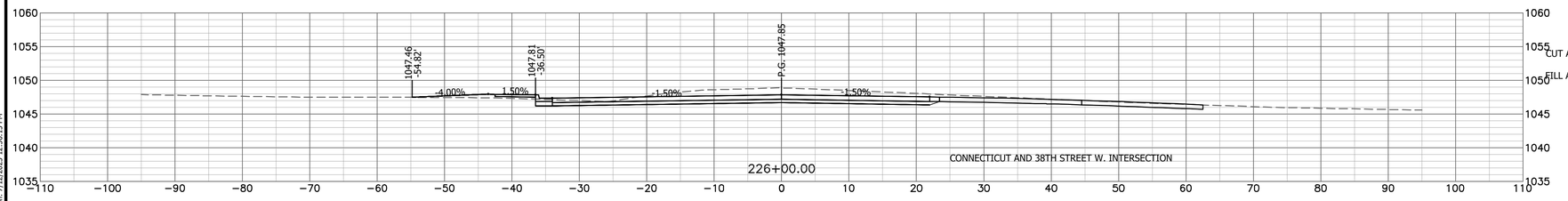
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

CROSS SECTIONS DO NOT SHOW SIDEROAD OR DRIVE ENTRANCE DETAILS
SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS

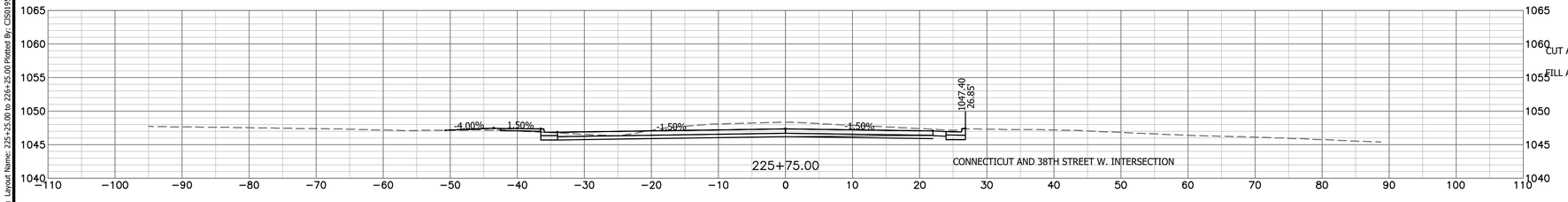
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SCALE: 1" = 20'



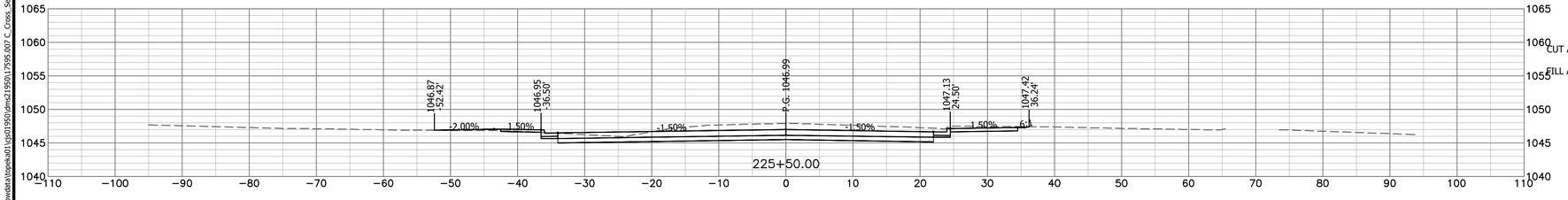
CUT AREA: 82.1 SQ. FT.
FILL AREA: 9.1 SQ. FT.



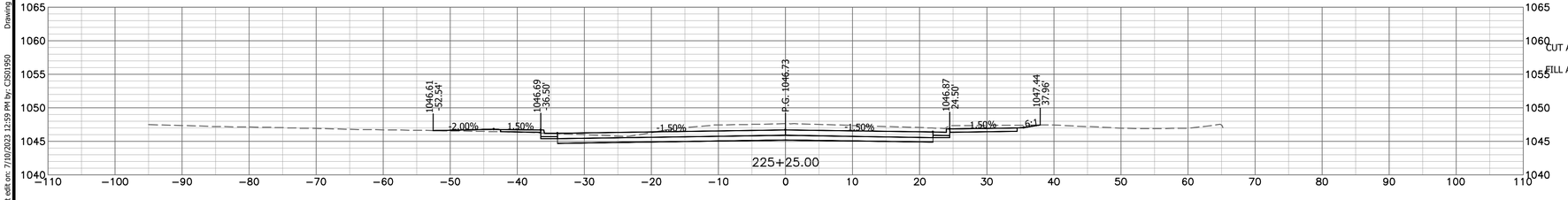
CUT AREA: 125.1 SQ. FT.
FILL AREA: 4.9 SQ. FT.



CUT AREA: 92.5 SQ. FT.
FILL AREA: 1.4 SQ. FT.



CUT AREA: 123.6 SQ. FT.
FILL AREA: 1.2 SQ. FT.



CUT AREA: 125.9 SQ. FT.
FILL AREA: 2.1 SQ. FT.

CONNECTICUT AVE. CROSS SECTIONS 225+25.00 TO 226+25.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 880-6644 FAX (800) 880-6644
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NEIL S. BRADY
NUMBER
PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	64
SHEET NO:	64 of 71

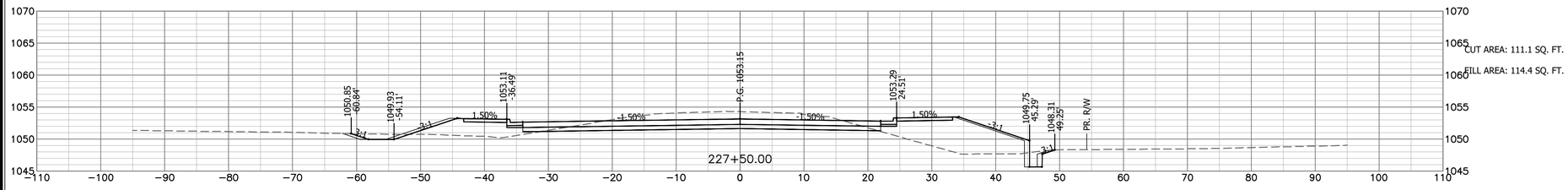
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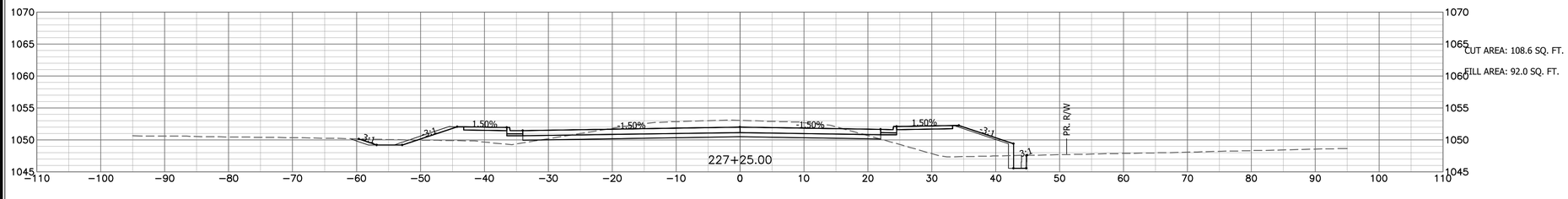
Last edit on: 7/10/2023 12:59 PM by: CSI01950 Drawing Name: C:\pwdata\tsoeka01\wp01950\dms2\1950\17595.007 C_Cross_Sections.dwg Layout Name: 225+25.00 to 226+25.00 Plotted By: CSI01950 Plotted on: 7/12/2023 12:26:13 PM

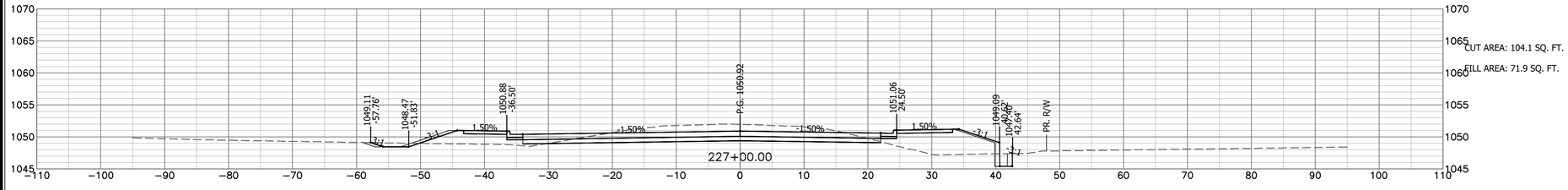
BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

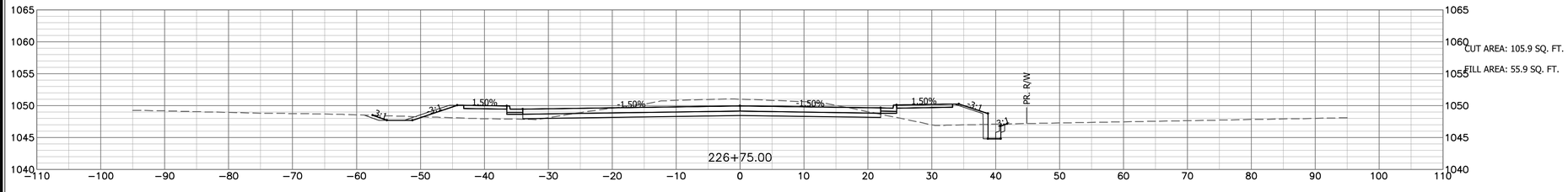
CROSS SECTIONS DO NOT SHOW SIDEROAD OR DRIVE ENTRANCE DETAILS
SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS

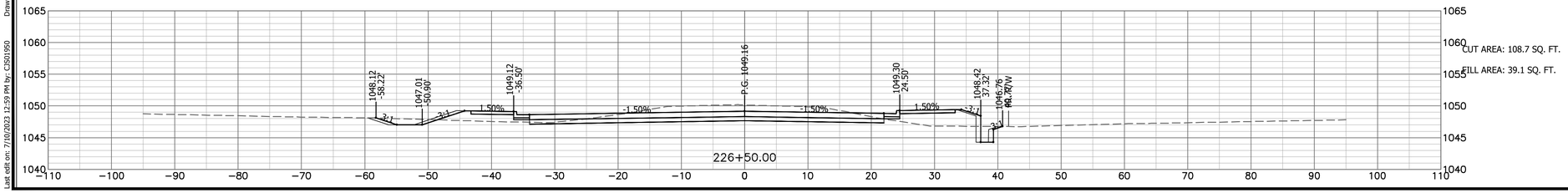
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SCALE: 1" = 20'











CONNECTICUT AVE. CROSS SECTIONS 226+50.00 TO 227+50.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (660) 665-6444 FAX (660) 665-6446
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

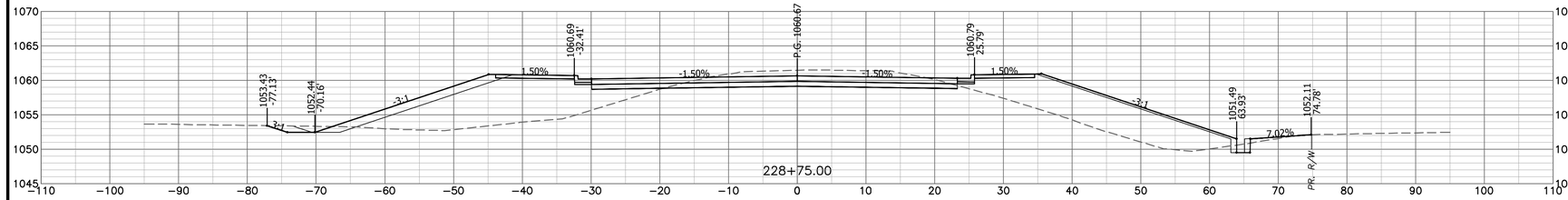
SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	65
SHEET NO:	65 of 71

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BY | DESCRIPTION | DATE | #

Last edit on: 7/10/2023 12:59 PM by: CSI01950 Drawing Name: C:\pwdata\tcseeka01\d01950\dms2\1950\17595.007 C_Cross_Sections.dwg Layout Name: 226+50.00 to 227+50.00 Plotted By: CSI01950 Plotted on: 7/12/2023 12:36:16 PM

BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.



CUT AREA: 87.6 SQ. FT.
FILL AREA: 357.8 SQ. FT.

CUT AREA: 94.1 SQ. FT.
FILL AREA: 291.1 SQ. FT.

CUT AREA: 101.0 SQ. FT.
FILL AREA: 226.8 SQ. FT.

CUT AREA: 121.1 SQ. FT.
FILL AREA: 149.9 SQ. FT.

CUT AREA: 145.7 SQ. FT.
FILL AREA: 97.0 SQ. FT.

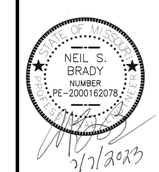
CROSS SECTIONS DO NOT SHOW SIDEROAD OR DRIVE ENTRANCE DETAILS
SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS

#	DATE	DESCRIPTION	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 364-4644 FAX (800) 364-4645
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CONNECTICUT AVE. CROSS SECTIONS 227+75.00 TO 228+75.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

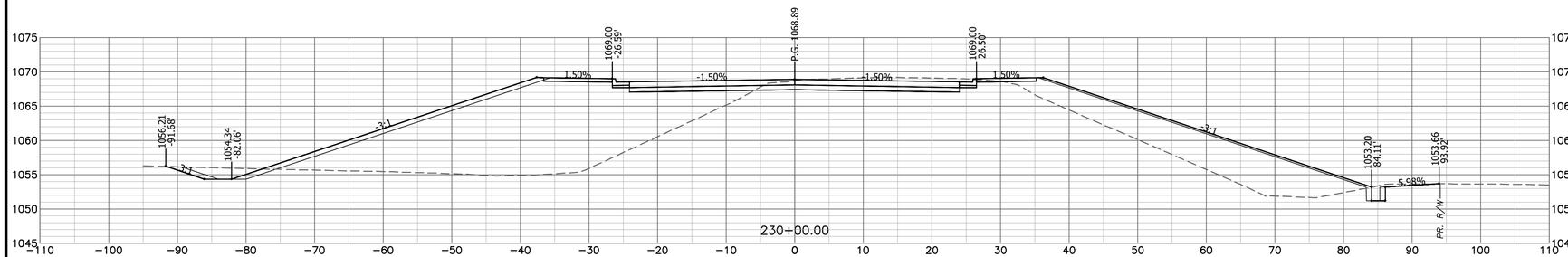


SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	66
SHEET NO:	66 of 71

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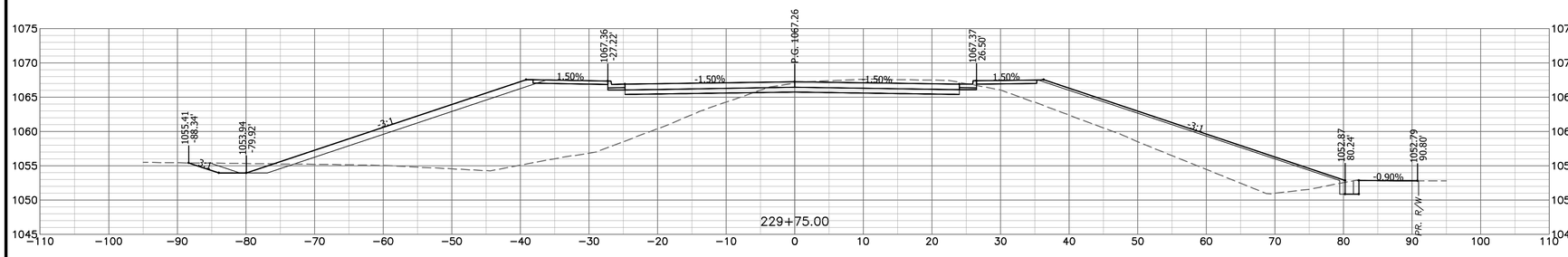
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BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

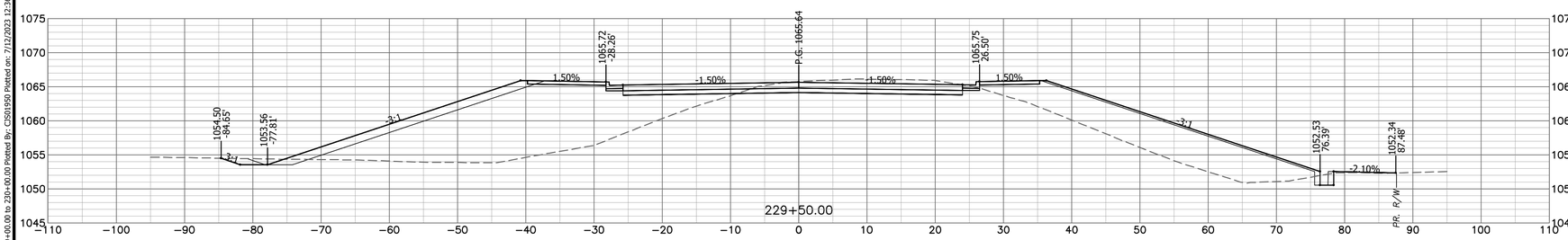


0 20' 40'
SCALE: 1" = 20'

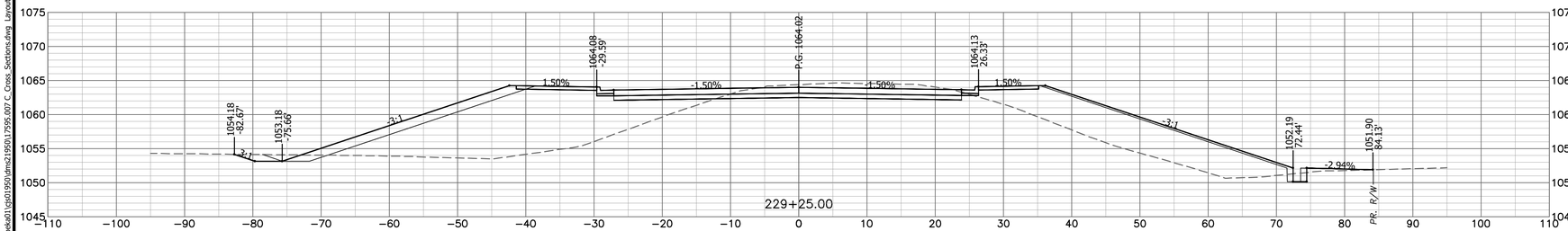
CUT AREA: 74.5 SQ. FT.
FILL AREA: 748.1 SQ. FT.



CUT AREA: 67.0 SQ. FT.
FILL AREA: 652.0 SQ. FT.

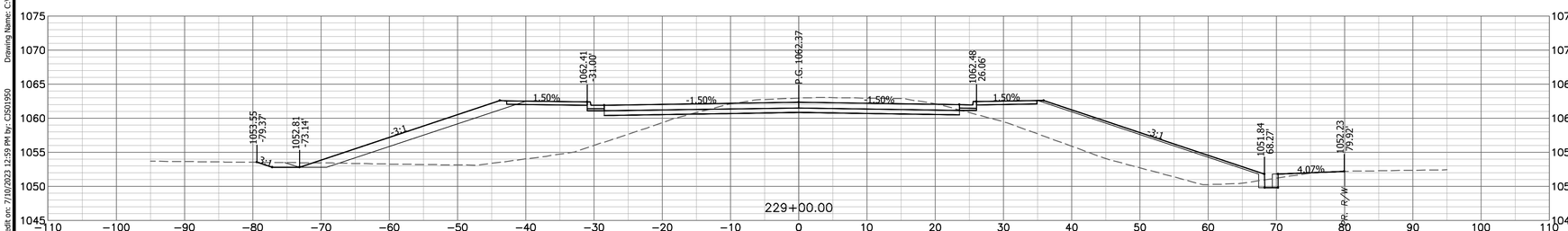


CUT AREA: 67.6 SQ. FT.
FILL AREA: 597.4 SQ. FT.



CUT AREA: 73.8 SQ. FT.
FILL AREA: 524.1 SQ. FT.

CROSS SECTIONS DO NOT SHOW SIDEROAD OR DRIVE ENTRANCE DETAILS
SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS



CUT AREA: 77.8 SQ. FT.
FILL AREA: 441.4 SQ. FT.

CONNECTICUT AVE. CROSS SECTIONS 229+00.00 TO 230+00.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (800) 880-6646 FAX: (800) 880-6646
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NEIL S. BRADY NUMBER PE-2000162078
7/7/2023

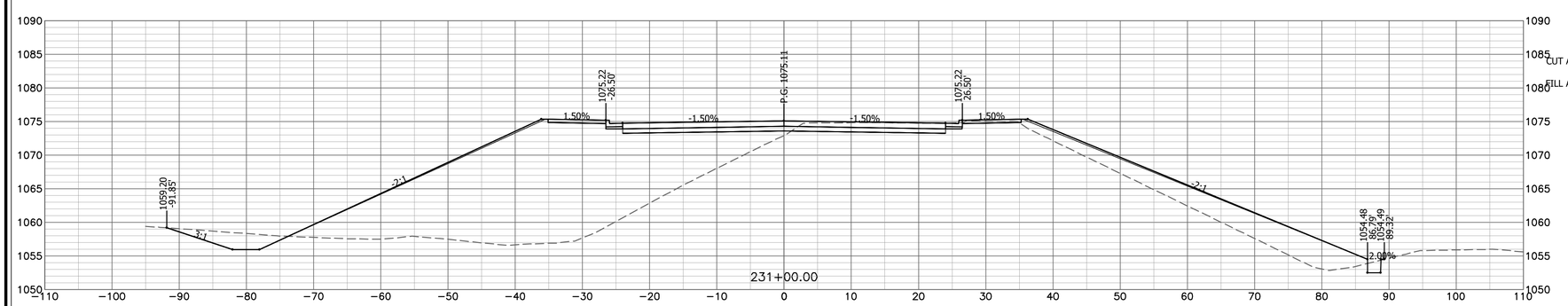
SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	67
SHEET NO:	67 of 71

#	DATE	DESCRIPTION	BY

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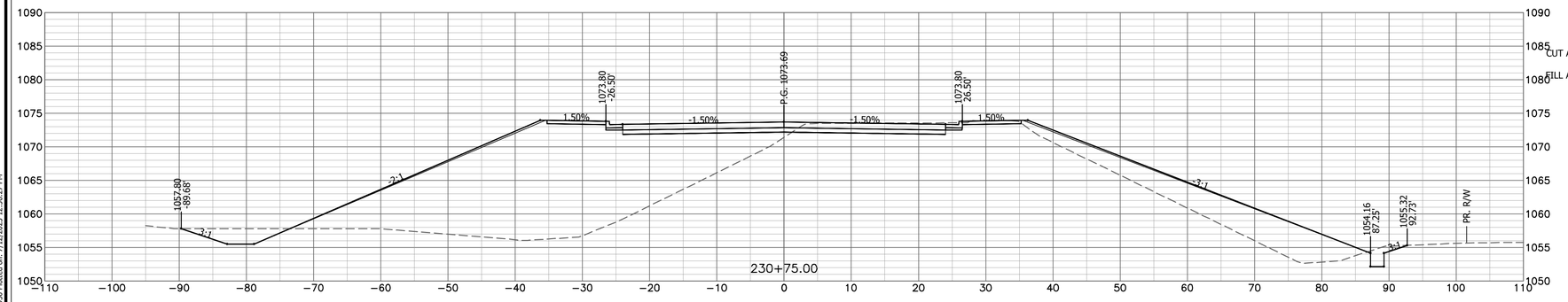
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BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

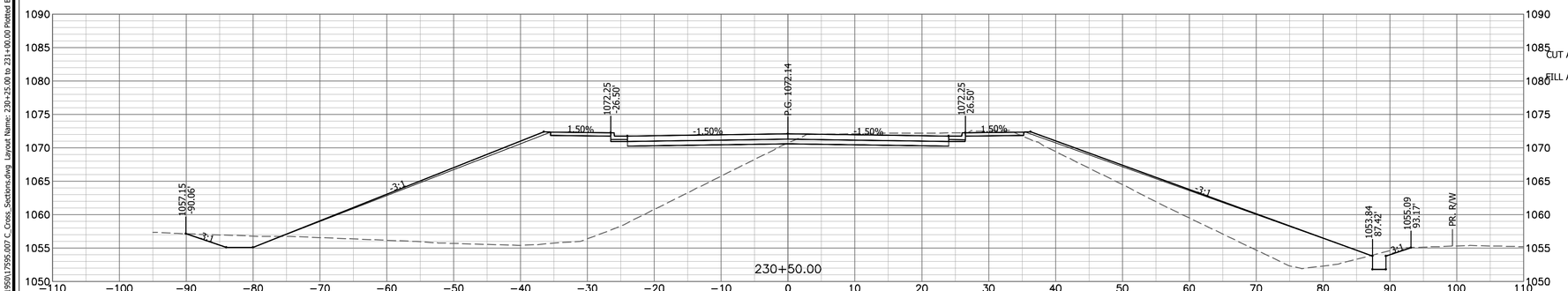


0 20' 40'
SCALE: 1" = 20'

CUT AREA: 64.9 SQ. FT.
FILL AREA: 853.4 SQ. FT.

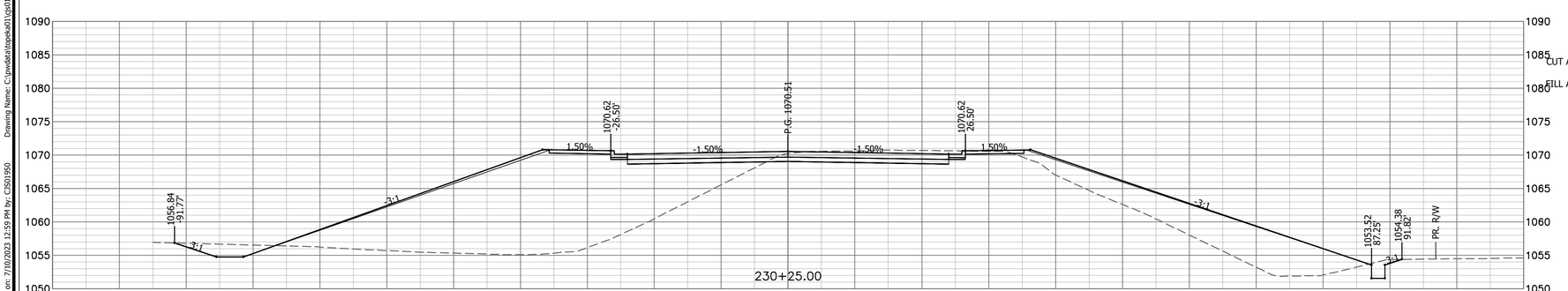


CUT AREA: 70.4 SQ. FT.
FILL AREA: 858.2 SQ. FT.



CUT AREA: 69.8 SQ. FT.
FILL AREA: 843.2 SQ. FT.

CROSS SECTIONS DO NOT SHOW SIDEROAD OR DRIVE ENTRANCE DETAILS
SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS



CUT AREA: 74.6 SQ. FT.
FILL AREA: 802.2 SQ. FT.

CONNECTICUT AVE. CROSS SECTIONS 230+25.00 TO 231+00.00

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

Bartlett & West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE: (417) 890-6464 FAX: (417) 890-6466
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	68
SHEET NO:	68 of 71

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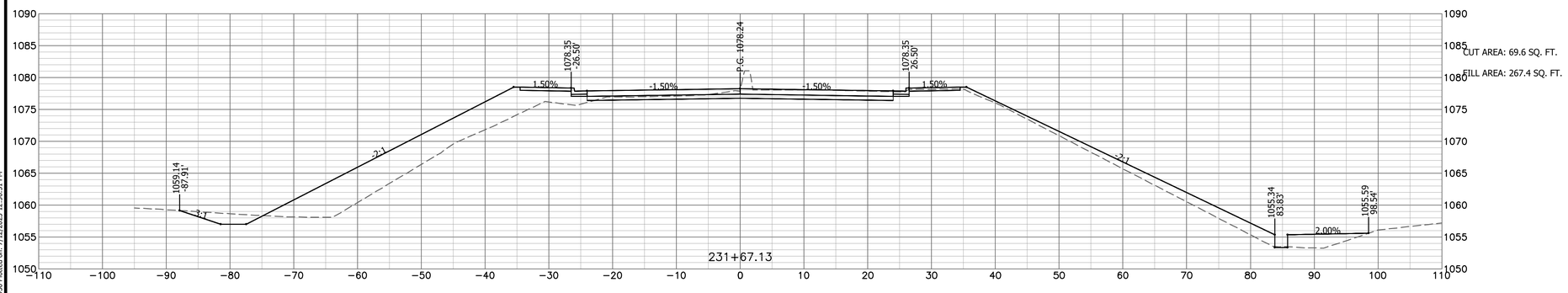
BY | DESCRIPTION | DATE | #

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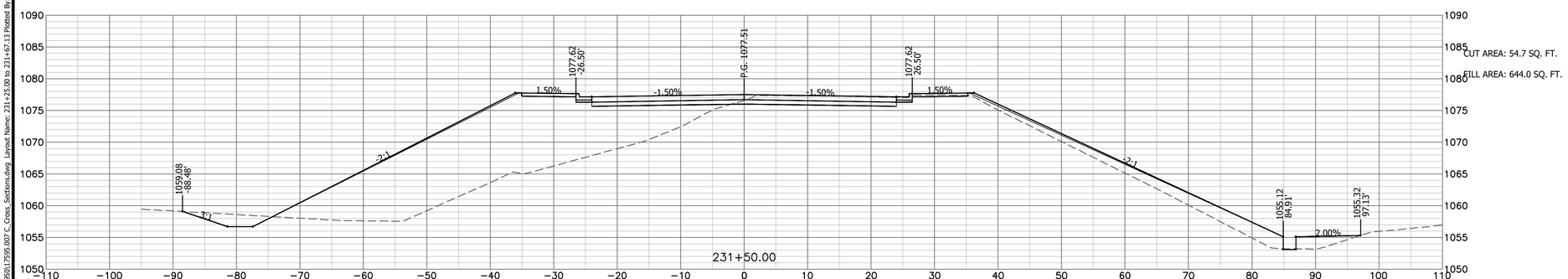
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SEE SIDEROAD PLAN & PROFILES SHEETS 15 - 18 FOR DETAILS
SEE DRIVE PROFILES SHEETS 22 - 26 FOR DETAILS

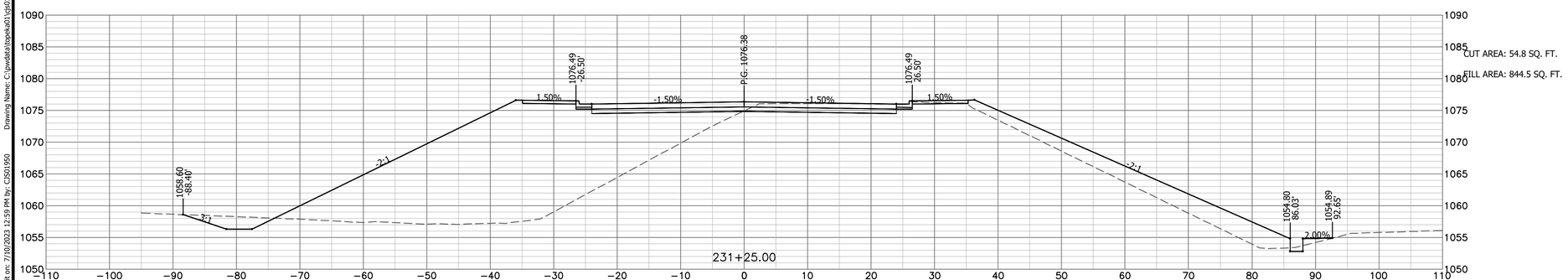
0 20' 40'
SCALE: 1" = 20'



CUT AREA: 69.6 SQ. FT.
FILL AREA: 267.4 SQ. FT.



CUT AREA: 54.7 SQ. FT.
FILL AREA: 644.0 SQ. FT.



CUT AREA: 54.8 SQ. FT.
FILL AREA: 844.5 SQ. FT.

#	DESCRIPTION	DATE	BY

Bartlett&West
1824 S. LONE PIKE, SUITE F SPRINGFIELD, MO 65804
PHONE (800) 364-6464 FAX (800) 364-6464
MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

CONNECTICUT AVE. CROSS SECTIONS 231+25.00 TO 231+67.13

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

STATE OF MISSOURI
NEIL S. BRADY
NUMBER PE-2000162078
7/7/2023

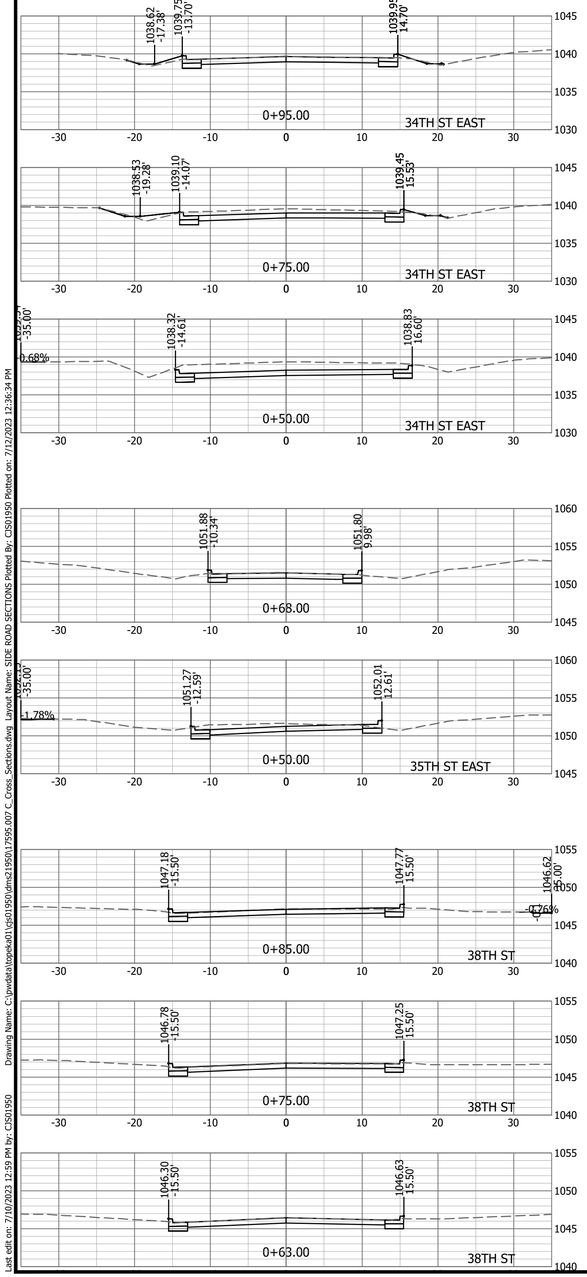
SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	69
SHEET NO:	69 of 71

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0 20' 40'
SCALE: 1" = 20'



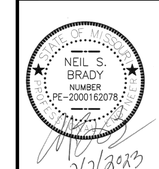
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#	DATE	DESCRIPTION	BY

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218+00.00 TO 218+75.00 CONNECTICUT AVE. CROSS SECTIONS SIDE ROAD CROSS SECTIONS

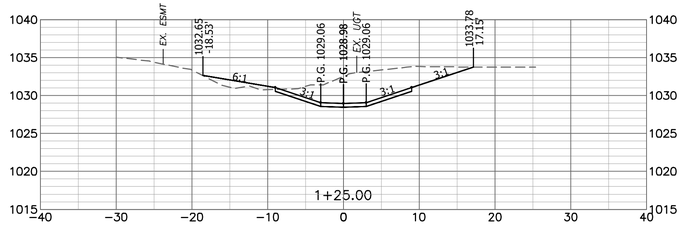
CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
NEWTON COUNTY, JOPLIN, MISSOURI

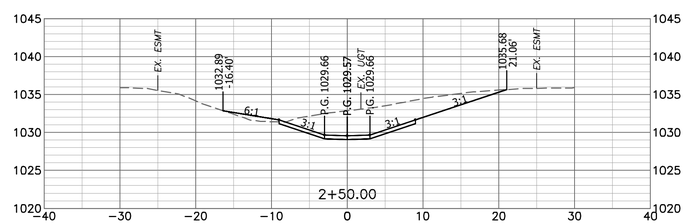


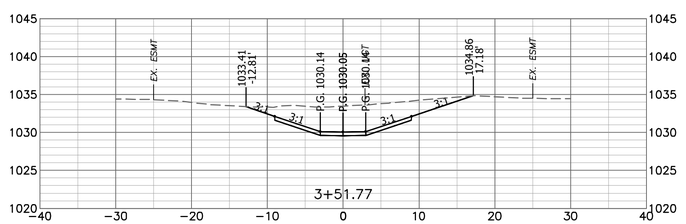
SEALED DATE:	07/07/2023
DESIGNED BY:	SJS
DRAWN BY:	SJS
APPROVED BY:	NSB
DESIGN PROJ:	17595.007
DATE:	JULY 2023
DRAWING NO:	70
SHEET NO:	70 of 71

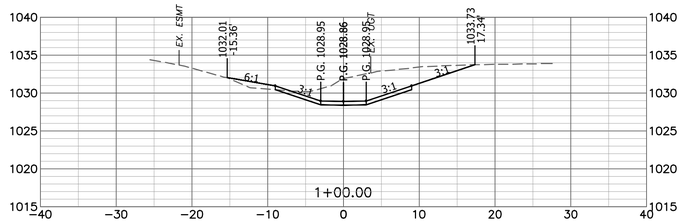
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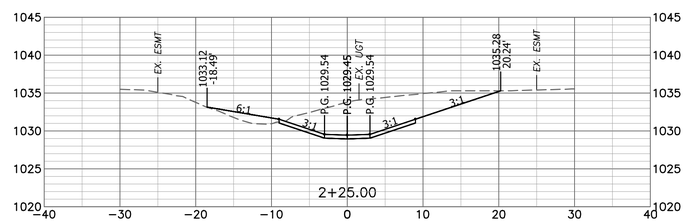
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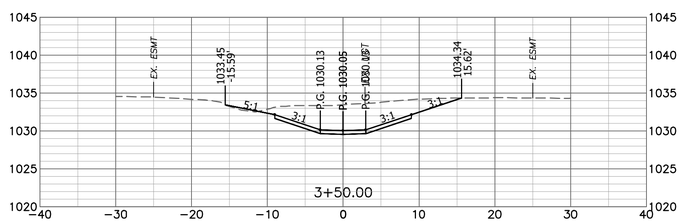


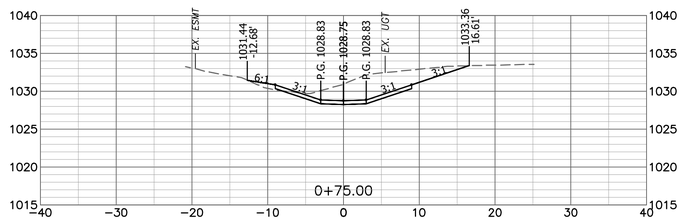


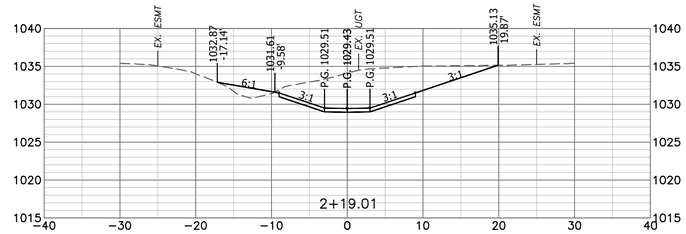


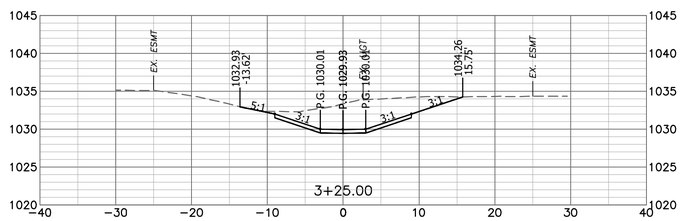


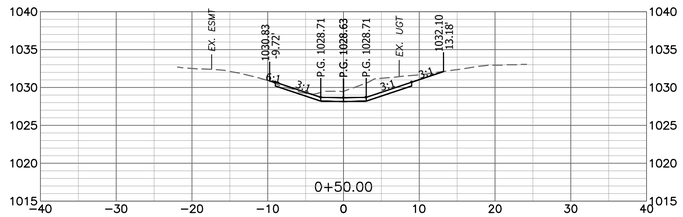


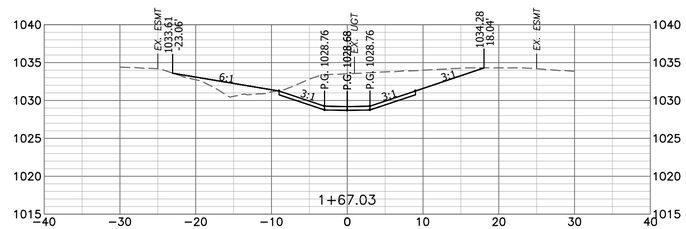


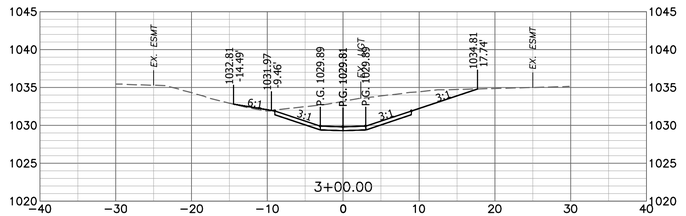


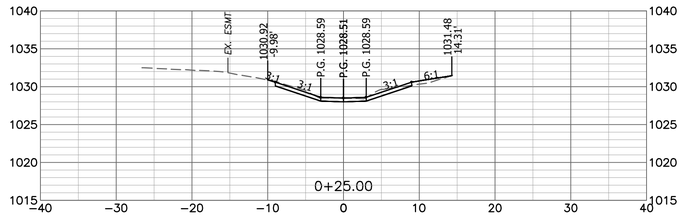


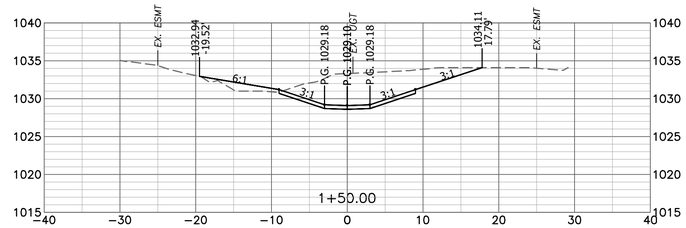


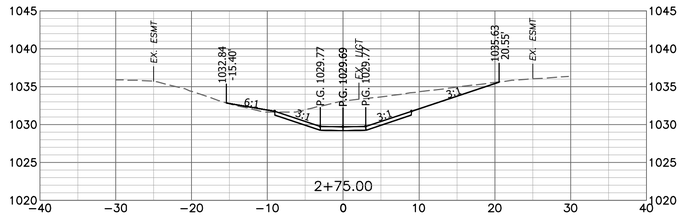












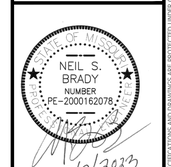
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PHONE (417) 890-1010 FAX (417) 890-1015
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CONCRETE DITCH CROSS SECTIONS

CITY OF JOPLIN - PROJECT NO TC0606
CONNECTICUT AVE. WIDENING 32ND ST. TO I-44 HWY
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DRAWING NO:	
SHEET NO:	71 of 71

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