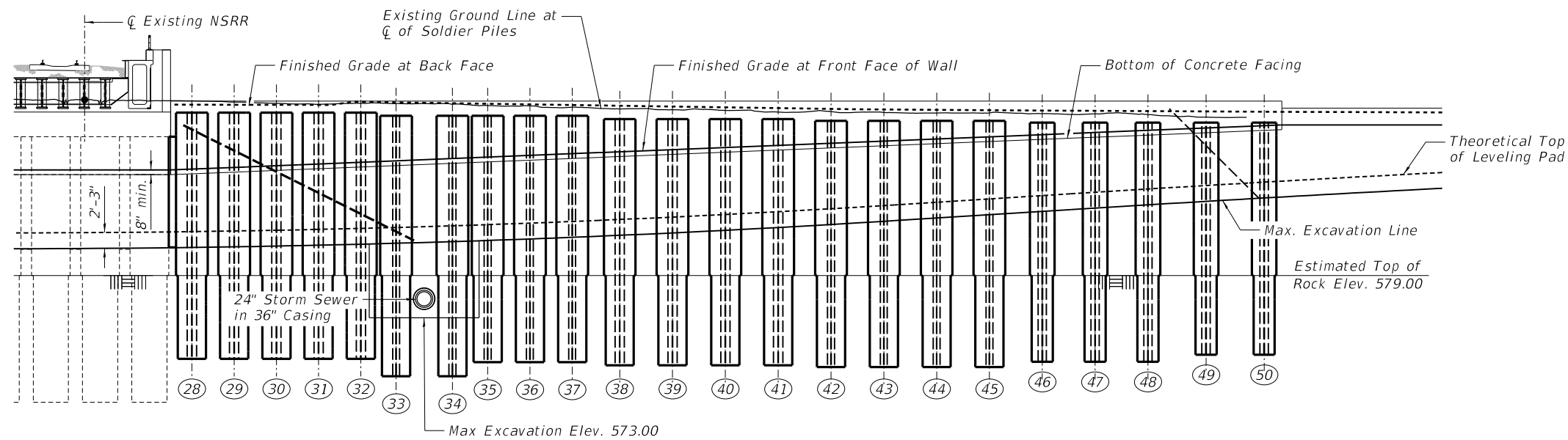


12 = Control Point

PLAN



ELEVATION

SOUTH WALL STUD SHEAR CONNECTORS REQUIRED

Pile No.	Number Required on Each Pile
28-29	7
30-34	6
35-38	5
39-42	4
43-46	3
47-50	2

Space at 1'-6" Max. cts.

SOLDIER PILE SUMMARY

PILE NO.	PILE SIZE	LENGTH	BOTTOM ELEVATION	TOP ELEVATION	PILE NO.	PILE SIZE	LENGTH	BOTTOM ELEVATION	TOP ELEVATION
28	W40x199	35'-0"	567.15	602.15	40	W40x199	35'-0"	566.25	601.25
29	W40x199	35'-0"	567.15	602.15	41	W40x199	35'-0"	566.25	601.25
30	W40x199	35'-0"	567.15	602.15	42	W40x167	35'-0"	566.00	601.00
31	W40x199	35'-0"	567.15	602.15	43	W40x167	35'-0"	566.00	601.00
32	W40x199	35'-0"	567.15	602.15	44	W40x167	35'-0"	566.00	601.00
33	W40x199	37'-0"	564.70	601.70	45	W40x167	35'-0"	566.00	601.00
34	W40x199	37'-0"	564.70	601.70	46	W27x235	34'-0"	566.75	600.75
35	W40x199	35'-0"	566.70	601.70	47	W27x235	34'-0"	566.75	600.75
36	W40x199	35'-0"	566.70	601.70	48	W27x235	34'-0"	566.75	600.75
37	W40x199	35'-0"	566.70	601.70	49	W27x235	33'-0"	567.75	600.75
38	W40x199	35'-0"	566.25	601.25	50	W27x235	33'-0"	567.75	600.75
39	W40x199	35'-0"	566.25	601.25					

SECANT LAGGING SUMMARY

BETWEEN SHAFTS NO.	DIAMETER	LENGTH	BOTTOM ELEV.	TOP ELEV.
BR-28	36"	15'-9"	583.00	598.75

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stud Shear Connectors	Each	100
Furnishing Soldier Piles (W Section)	Foot	802
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	7942.5
Drilling and Setting Soldier Piles (In Rock)	Cu. Ft.	4025.0
Secant Lagging	Cu. Ft.	112

pw:\hansoninc-pw-bentley.com\hanson-pw-01\Documents\09\Jobs\09L0179B\Usable Segments III - V - VINCA0\Struct\Usable Segment III\Jefferson\Sheet\09L0179B-Jefferson-Retaining-Wall-Plans.dgn



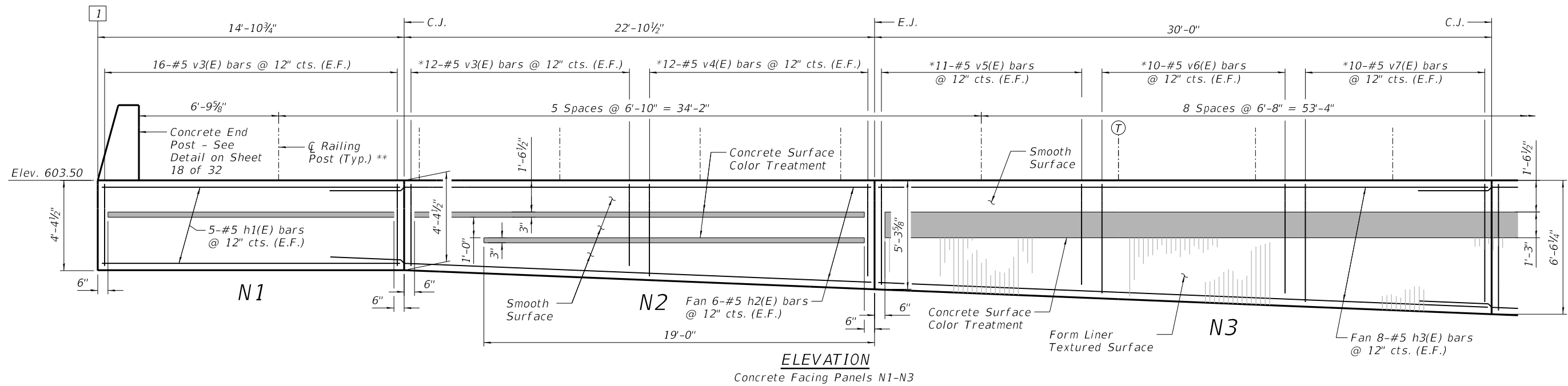
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PLOT SCALE = 0.167' / 1"	CHECKED - RGC	REVISED -
PLOT DATE = 11/1/2021	DRAWN - EJM	REVISED -
	CHECKED - RGC	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

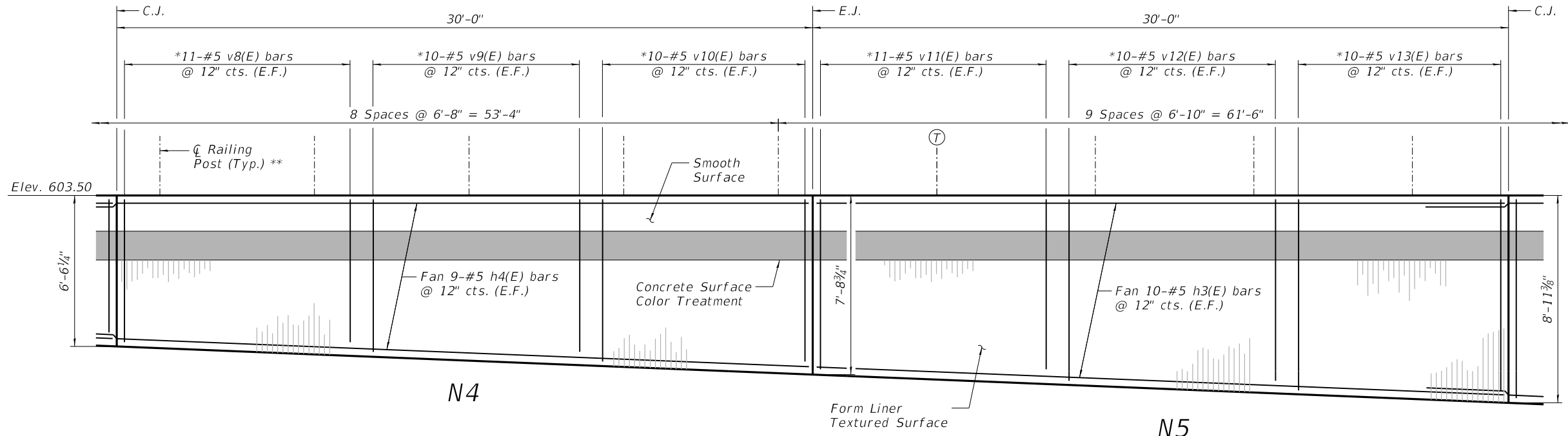
**SOLDIER PILES - SOUTH WALL
RETAINING WALLS - JEFFERSON STREET**

SHEET NO. 10 OF 32 SHEETS

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 401
			CONTRACT NO. 93762	
ILLINOIS FED. AID PROJECT				



ELEVATION
Concrete Facing Panels N1-N3



ELEVATION
Concrete Facing Panels N4-N5

BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
h1(E)	10	#5	14'-6"	—	
h2(E)	12	#5	26'-4"	—	
h3(E)	36	#5	29'-8"	—	
h4(E)	18	#5	33'-5"	—	
v3(E)	56	#5	4'-0"	—	
v4(E)	24	#5	4'-5"	—	
v5(E)	22	#5	4'-11"	—	
v6(E)	20	#5	5'-4"	—	
v7(E)	20	#5	5'-9"	—	
v8(E)	22	#5	6'-2"	—	
v9(E)	20	#5	6'-7"	—	
v10(E)	20	#5	7'-0"	—	
v11(E)	22	#5	7'-4"	—	
v12(E)	20	#5	7'-9"	—	
v13(E)	20	#5	8'-3"	—	
Reinforcement Bars Epoxy Coated				Pound	3840
Concrete Structures (Retaining Wall)				Cu. Yd.	31.9

Ⓣ = Intermediate Tensioning Posts

1 = Control Point

Note: E.J. = Expansion Joint
C.J. = Construction Joint
E.F. = Each Face

* Stagger Bars
** Steel Railing (Special)
Adjust as Necessary to Avoid C.J.'s.

MIN. BAR LAPS
#5 Bars = 3'-4"

USER NAME = Johns00944	DESIGNED - KMS	REVISD -
PLOT SCALE = 0.167' / 1"	CHECKED - RGC	REVISD -
PLOT DATE = 11/1/2021	DRAWN - EJM	REVISD -
	CHECKED - RGC	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

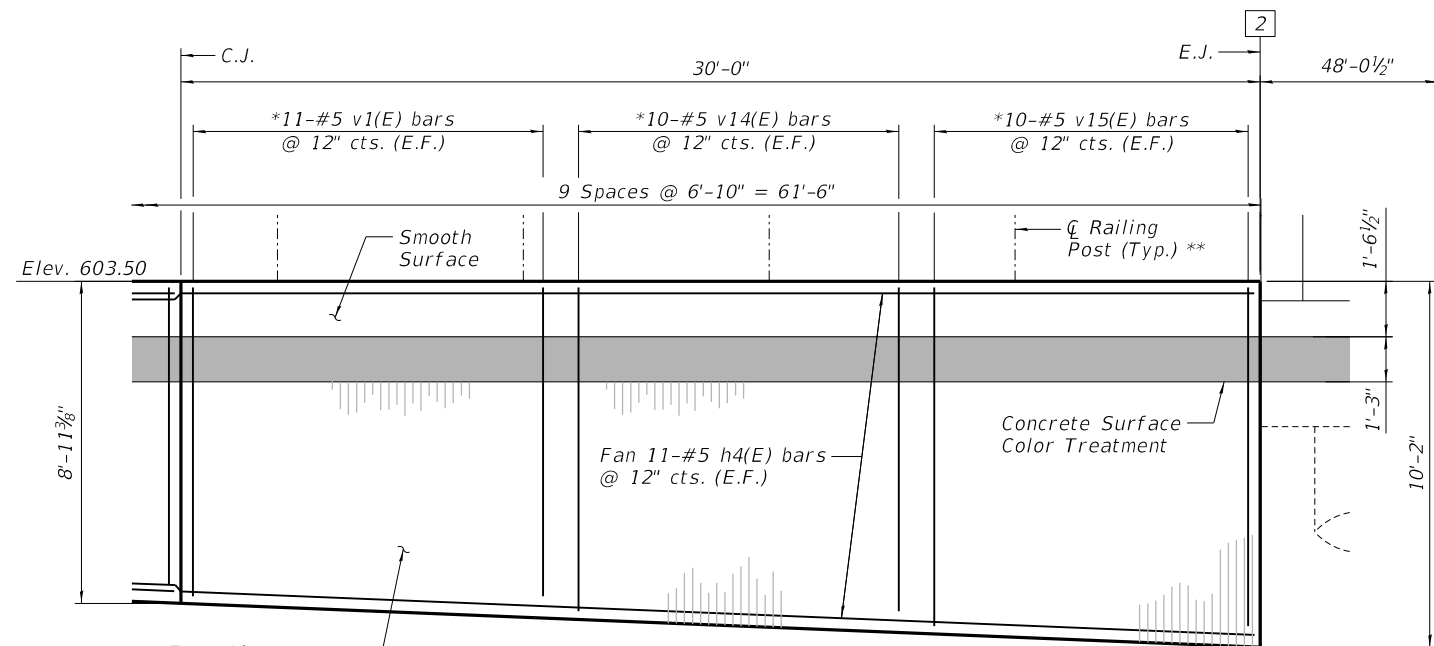
CONCRETE FACING - NORTH WALL
RETAINING WALLS - JEFFERSON STREET

SHEET NO. 12 OF 32 SHEETS

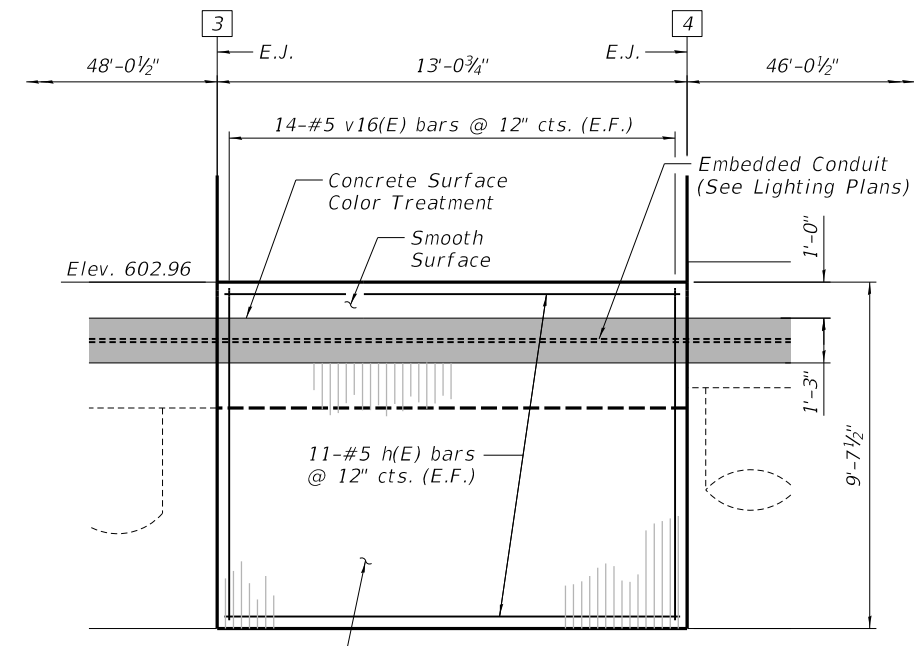
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	403
			CONTRACT NO. 93762	

ILLINOIS FED. AID PROJECT

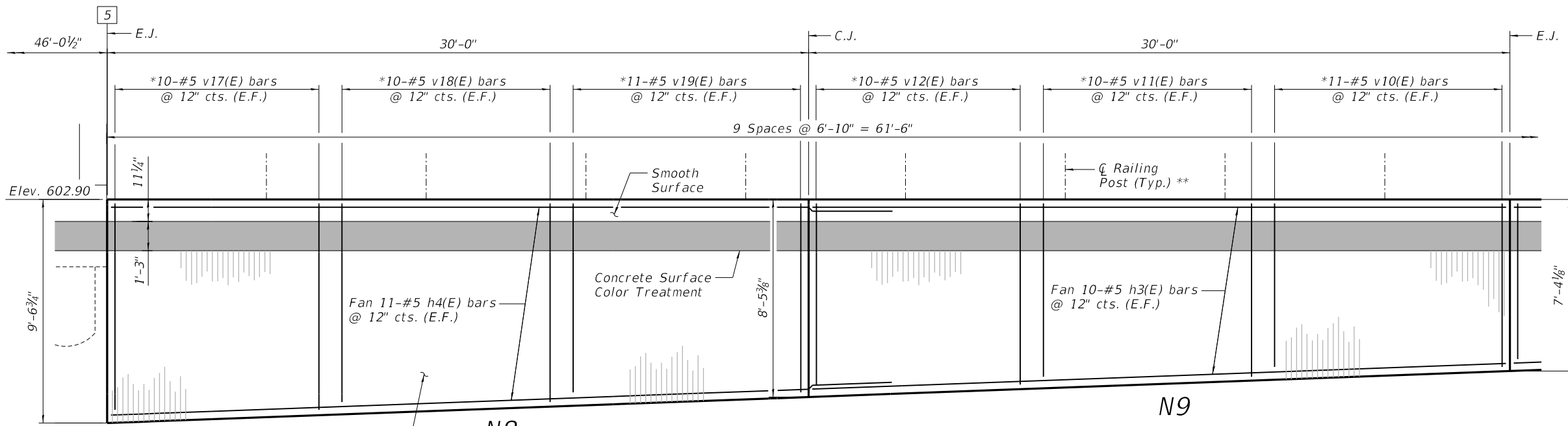




N6
ELEVATION
Concrete Facing Panel N6



N7
ELEVATION
Concrete Facing Panel N7



N8
ELEVATION
Concrete Facing Panels N8-N9

BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
h(E)	22	#5	12'-8"	—	
h3(E)	20	#5	29'-8"	—	
h4(E)	44	#5	33'-5"	—	
v1(E)	22	#5	8'-7"	—	
v10(E)	22	#5	7'-0"	—	
v11(E)	20	#5	7'-4"	—	
v12(E)	20	#5	7'-9"	—	
v14(E)	20	#5	9'-0"	—	
v15(E)	20	#5	9'-5"	—	
v16(E)	28	#5	9'-3"	—	
v17(E)	20	#5	8'-10"	—	
v18(E)	20	#5	8'-6"	—	
v19(E)	22	#5	8'-1"	—	
Reinforcement Bars Epoxy Coated				Pound	4320
Concrete Structures (Retaining Wall)				Cu. Yd.	35.4

1 = Control Point

Note:
See Sheet 28 of 32
for Railing Details &
Sheet 11 of 32 for
Cap Details.

* Stagger Bars

** Steel Railing (Special)
Adjust as Necessary
to Avoid C.J.'s.

Note: E.J. = Expansion Joint
C.J. = Construction Joint
E.F. = Each Face

MIN. BAR LAPS
#5 Bars = 3'-4"



USER NAME = Johns00944
PLOT SCALE = 0.167' / in.
PLOT DATE = 11/1/2021

DESIGNED - KMS
CHECKED - RGC
DRAWN - EJM
CHECKED - RGC

REVISED -
REVISED -
REVISED -
REVISED -

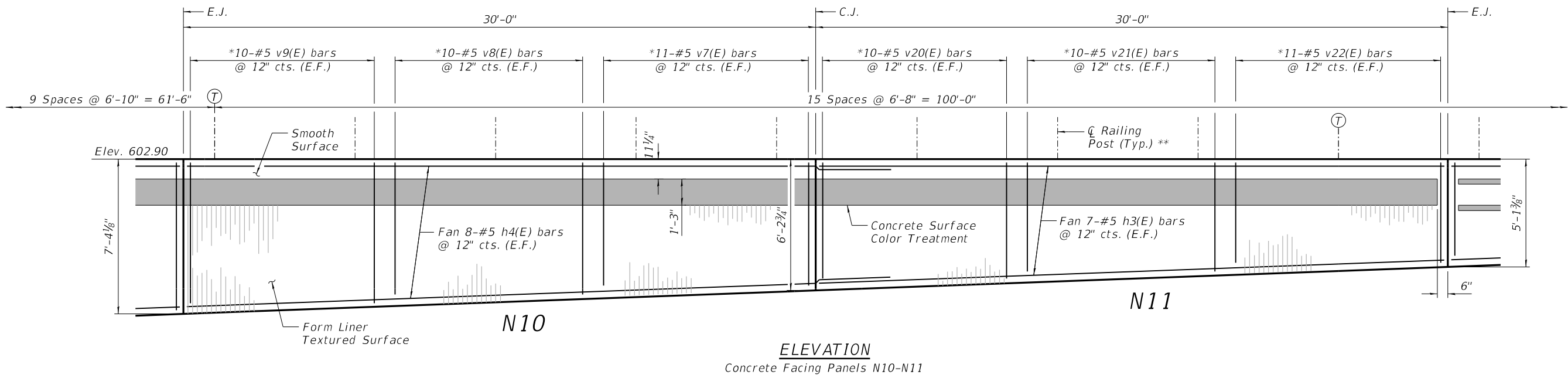
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE FACING - NORTH WALL
RETAINING WALLS - JEFFERSON STREET

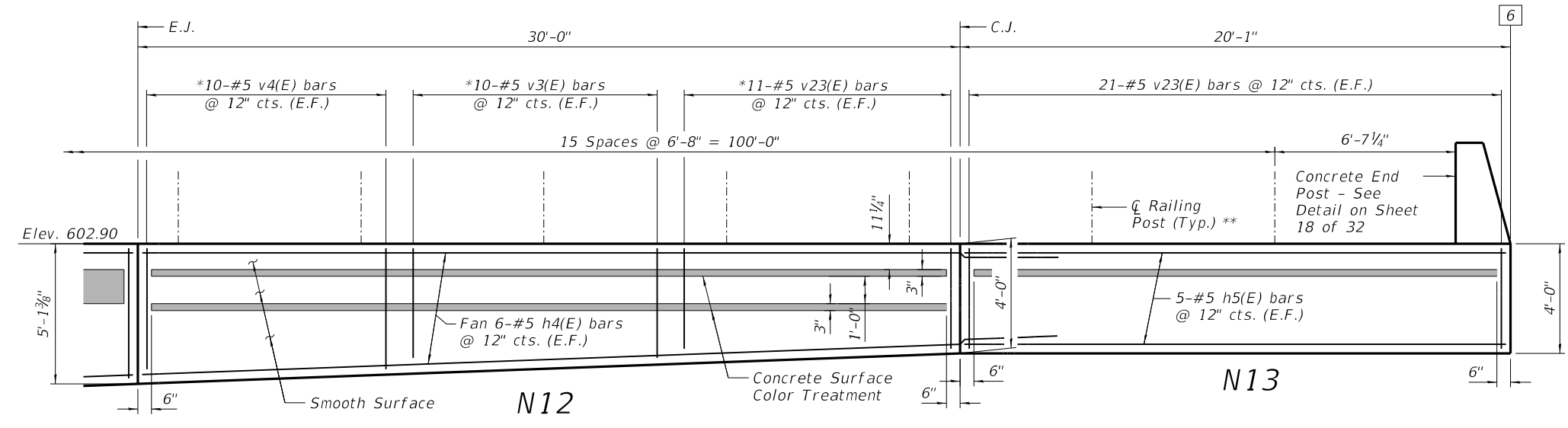
SHEET NO. 13 OF 32 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	404
				CONTRACT NO. 93762

ILLINOIS FED. AID PROJECT



ELEVATION
Concrete Facing Panels N10-N11



ELEVATION
Concrete Facing Panels N12-N13

Ⓣ = Intermediate Tensioning Posts

6 = Control Point

* Stagger Bars

** Steel Railing (Special)
Adjust as Necessary
to Avoid C.J.'s.

Note: E.J. = Expansion Joint
C.J. = Construction Joint
E.F. = Each Face

MIN. BAR LAPS
#5 Bars = 3'-4"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h3(E)	14	#5	29'-8"	—
h4(E)	28	#5	33'-5"	—
h5(E)	10	#5	19'-9"	—
v3(E)	20	#5	4'-0"	—
v4(E)	20	#5	4'-5"	—
v7(E)	22	#5	5'-9"	—
v8(E)	20	#5	6'-2"	—
v9(E)	20	#5	6'-7"	—
v20(E)	20	#5	5'-6"	—
v21(E)	20	#5	5'-2"	—
v22(E)	22	#5	4'-9"	—
v23(E)	64	#5	3'-8"	—
Reinforcement Bars Epoxy Coated		Pound	2790	
Concrete Structures (Retaining Wall)		Cu. Yd.	23.1	

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USER NAME = Johns00944	DESIGNED - KMS	REVISED -
PLOT SCALE = 0.167' / in.	CHECKED - RGC	REVISED -
PLOT DATE = 11/1/2021	DRAWN - EJM	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

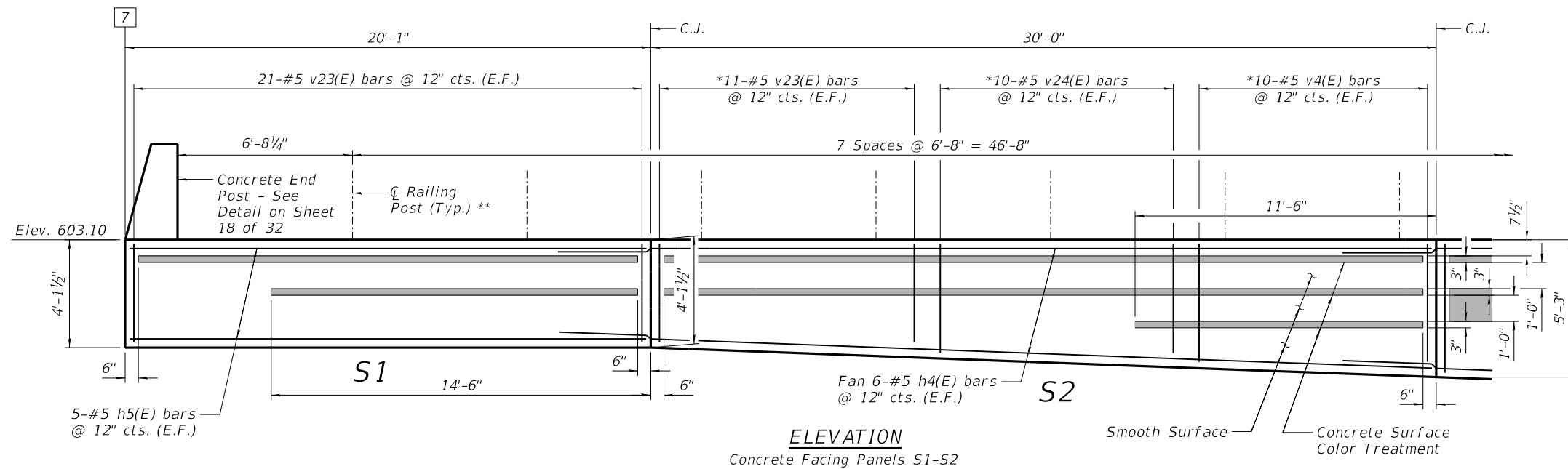
CONCRETE FACING - NORTH WALL
RETAINING WALLS - JEFFERSON STREET

SHEET NO. 14 OF 32 SHEETS

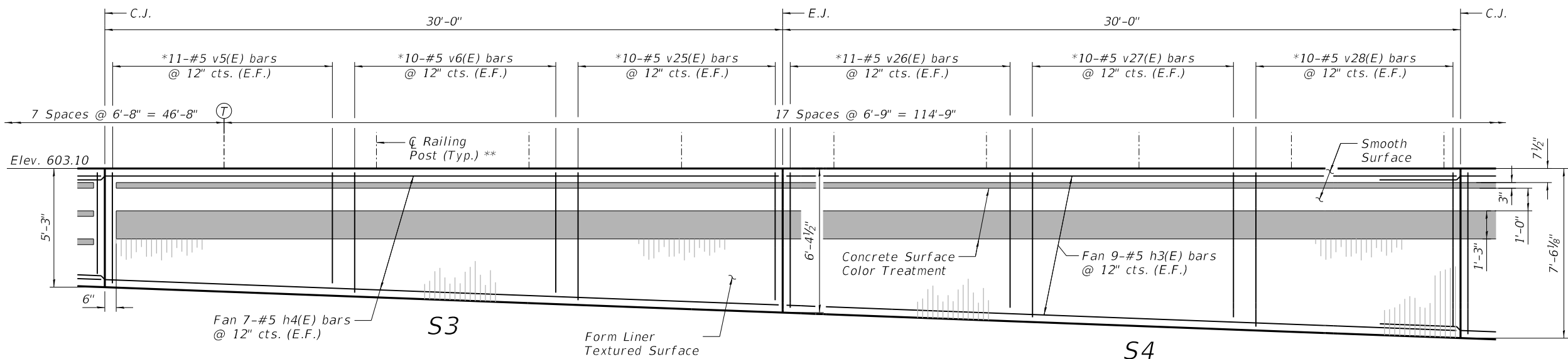
F.A.P. RTE. 67.67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 405
			CONTRACT NO. 93762	
ILLINOIS FED. AID PROJECT				



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ELEVATION
Concrete Facing Panels S1-S2



ELEVATION
Concrete Facing Panels S3-S4

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h3(E)	18	#5	29'-8"	—
h4(E)	26	#5	33'-5"	—
h5(E)	10	#5	19'-9"	—
v4(E)	20	#5	4'-5"	—
v5(E)	22	#5	4'-11"	—
v6(E)	20	#5	5'-4"	—
v23(E)	64	#5	3'-8"	—
v24(E)	20	#5	4'-2"	—
v25(E)	20	#5	5'-8"	—
v26(E)	22	#5	6'-0"	—
v27(E)	20	#5	6'-5"	—
v28(E)	20	#5	6'-10"	—
Reinforcement Bars Epoxy Coated		Pound	2850	
Concrete Structures (Retaining Wall)		Cu. Yd.	23.8	

Ⓣ = Intermediate Tensioning Posts

7 = Control Point

Note: E.J. = Expansion Joint
C.J. = Construction Joint
E.F. = Each Face

* Stagger Bars
** Steel Railing (Special)
Adjust as Necessary to Avoid C.J.'s.

MIN. BAR LAPS
#5 Bars = 3'-4"

USER NAME = Johns00944	DESIGNED - KMS	REVISED -
PLOT SCALE = 0.167' / 1"	CHECKED - RGC	REVISED -
PLOT DATE = 11/1/2021	DRAWN - EJM	REVISED -
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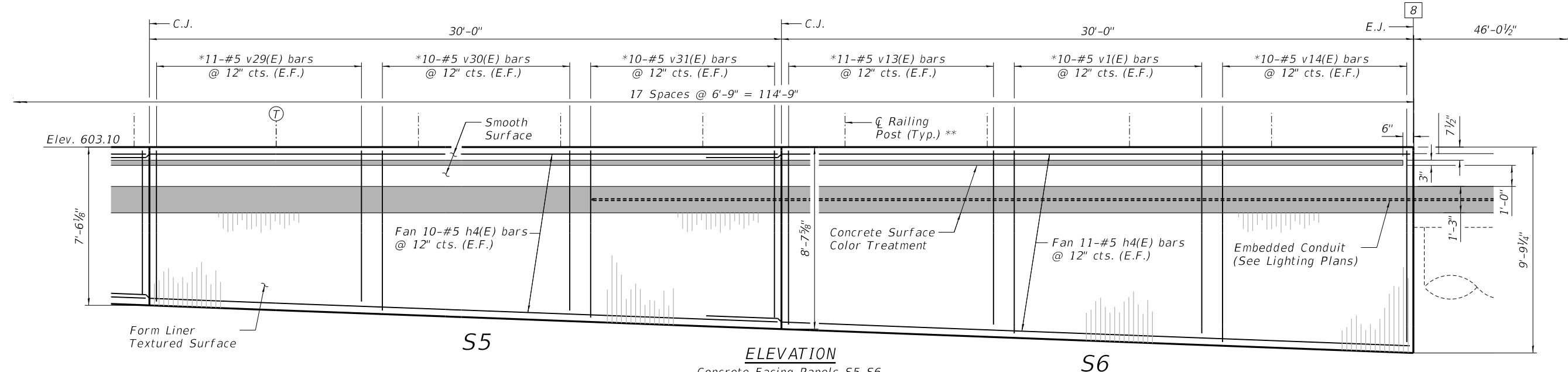
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE FACING - SOUTH WALL
RETAINING WALLS - JEFFERSON STREET

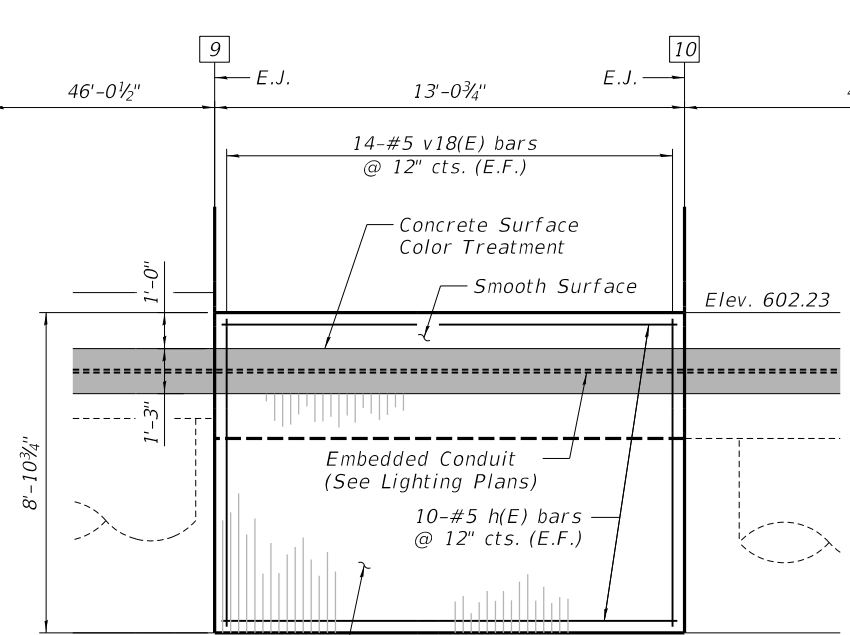
SHEET NO. 15 OF 32 SHEETS

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 406
			CONTRACT NO. 93762	

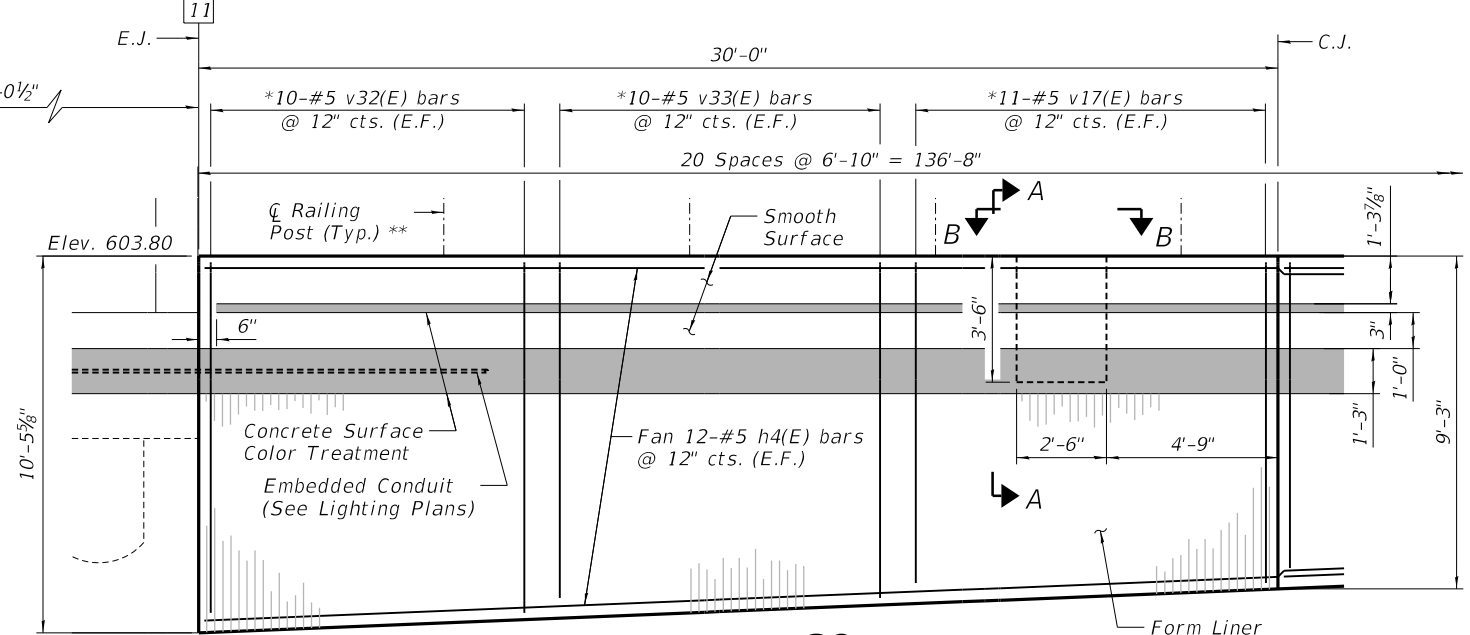
ILLINOIS FED. AID PROJECT



ELEVATION
Concrete Facing Panels S5-S6



ELEVATION
Concrete Facing Panel S7



ELEVATION
Concrete Facing Panel S8

⊙ = Intermediate Tensioning Posts

Note: See Sheet 28 of 32 for Railing Details & Sheet 11 of 32 for Cap Details.
* Stagger Bars
** Steel Railing (Special) Adjust as Necessary to Avoid C.J.'s.

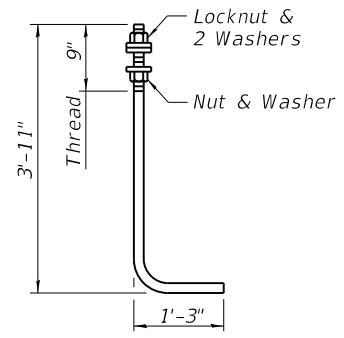
⊠ = Control Point

Note: E.J. = Expansion Joint
C.J. = Construction Joint
E.F. = Each Face

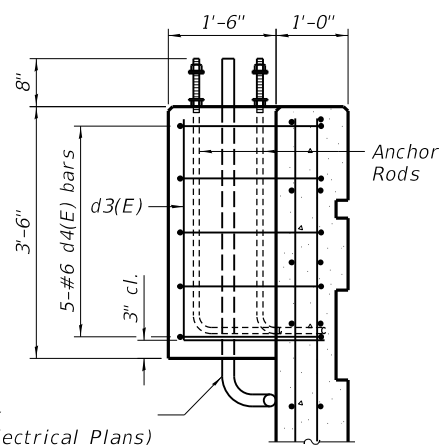
MIN. BAR LAPS
#5 Bars = 3'-4"

BILL OF MATERIAL

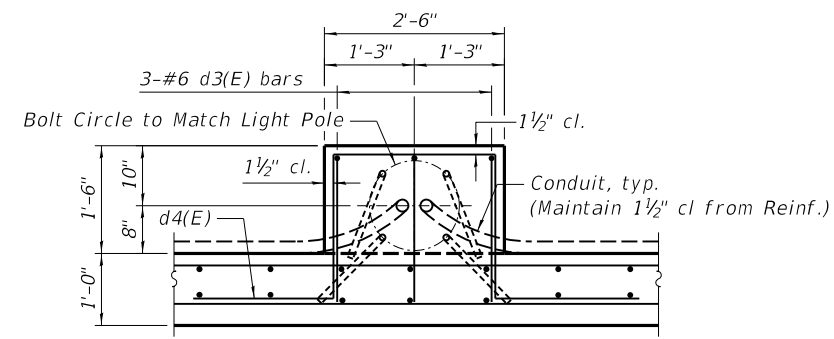
Bar	No.	Size	Length	Shape
d3(E)	3	#6	5'-1"	L
d4(E)	5	#6	10'-3"	U
h(E)	20	#5	12'-8"	—
h4(E)	66	#5	33'-5"	—
v1(E)	20	#5	8'-7"	—
v13(E)	22	#5	8'-3"	—
v14(E)	20	#5	9'-0"	—
v17(E)	22	#5	8'-10"	—
v18(E)	28	#5	8'-6"	—
v29(E)	22	#5	7'-2"	—
v30(E)	20	#5	7'-7"	—
v31(E)	20	#5	7'-11"	—
v32(E)	20	#5	9'-9"	—
v33(E)	20	#5	9'-4"	—
Reinforcement Bars Epoxy Coated		Pound	4560	
Concrete Structures (Retaining Wall)		Cu. Yd.	35.9	



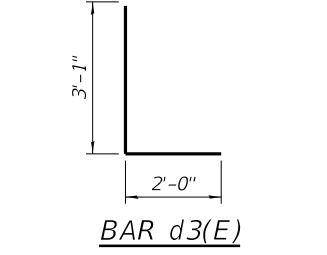
ANCHOR ROD
Diameter as specified for light poles.
(ASTM F 1554 Grade 105)



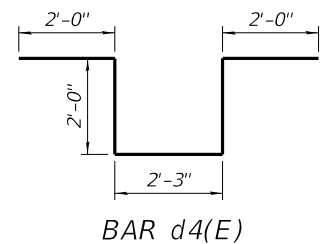
SECTION A-A



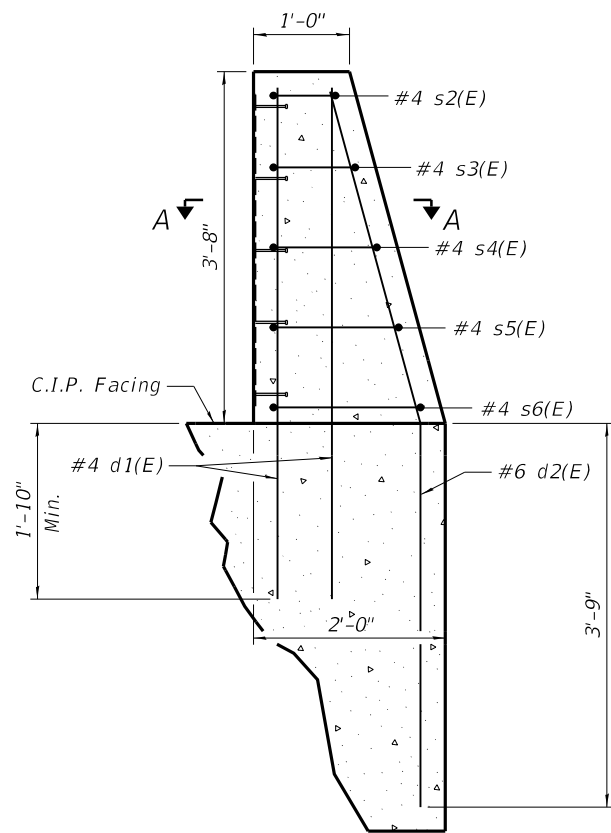
SECTION B-B



BAR d3(E)

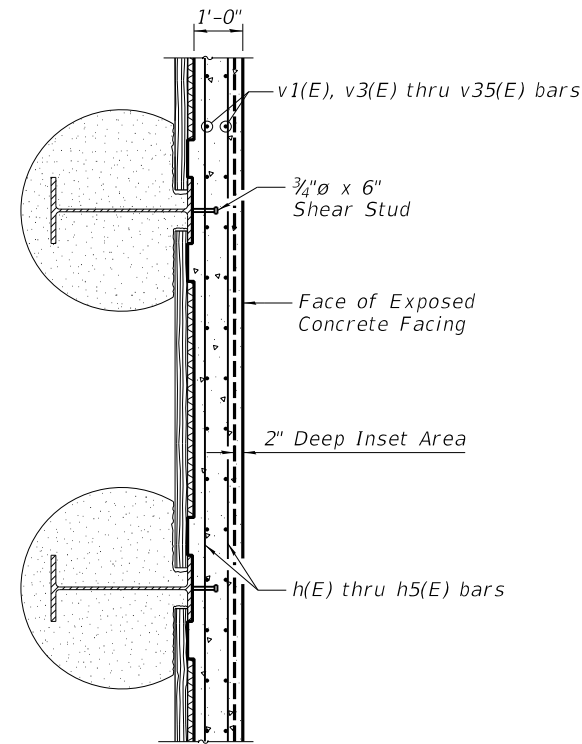
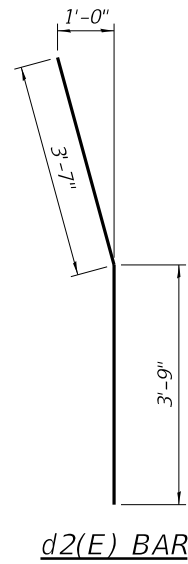


BAR d4(E)

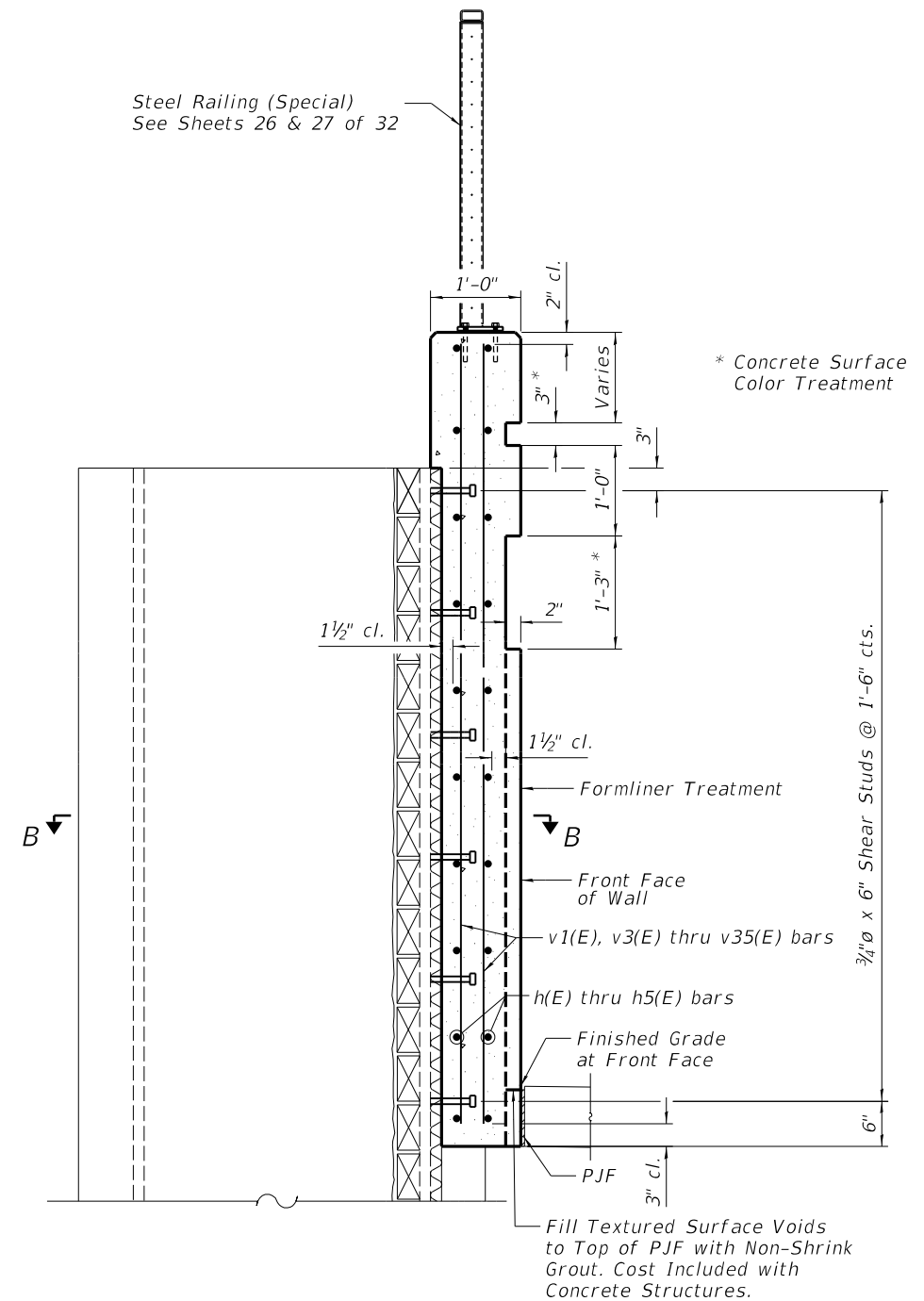


**CABLE ANCHORAGE
CONCRETE END POST DETAIL**

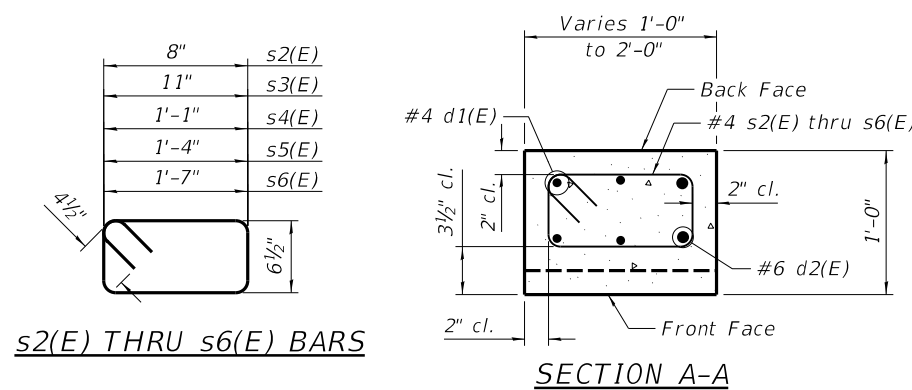
Typ. of 4 Posts on Concrete Facing
See Sheet 27 of 32 for Railing Connection Details



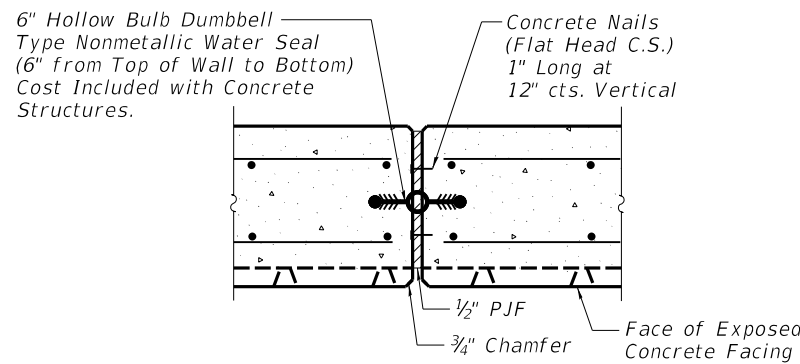
SECTION B-B



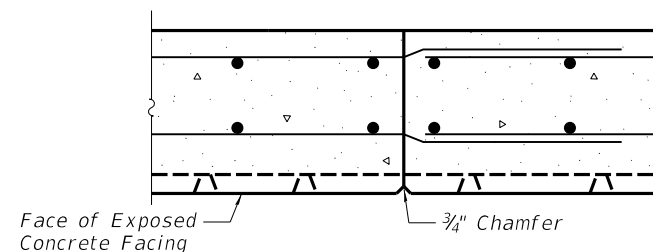
TYPICAL SECTION THRU CONCRETE FACING



SECTION A-A



**TYPICAL WALL
EXPANSION JOINT DETAIL**

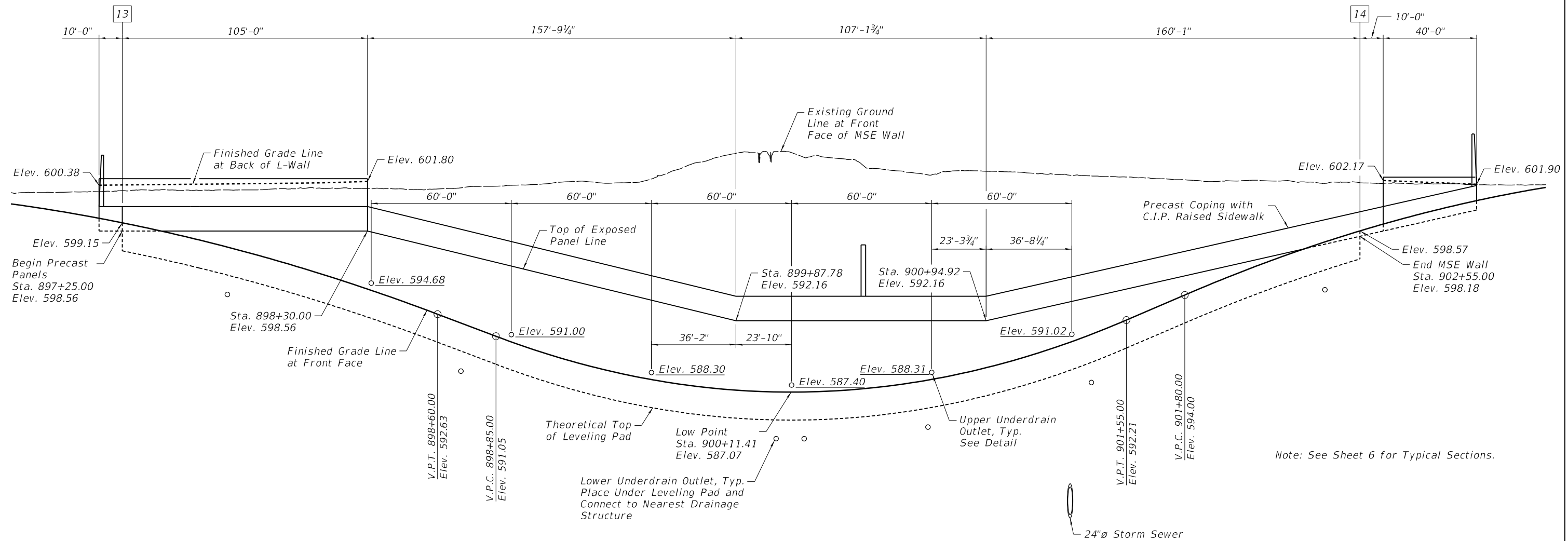


**TYPICAL WALL
CONSTRUCTION JOINT DETAIL**

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d1(E)	16	#4	5'-5"	—
d2(E)	8	#6	7'-4"	—
s2(E)	4	#4	3'-2"	□
s3(E)	4	#4	3'-8"	□
s4(E)	4	#4	4'-0"	□
s5(E)	4	#4	4'-6"	□
s6(E)	4	#4	5'-0"	□
Reinforcement Bars Epoxy Coated		Pound		200
Concrete Structures (Retaining Wall)		Cu. Yd.		0.8





Note: See Sheet 6 for Typical Sections.

NORTH WALL ELEVATION

MSE Wall Notes

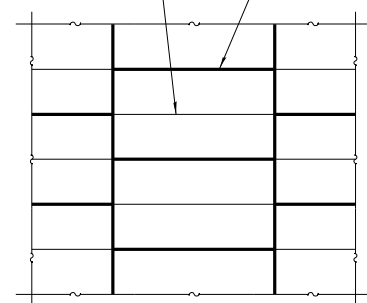
- The MSE Wall supplier's internal stability design shall account for the L-Wall anchorage slab's factored bearing pressure of 0.40 ksf and horizontal factored sliding force of 0.65 kips/ft. of wall. This loading includes all live loads.
- Apply Concrete Sealer to exposed faces of Precast Panels, Coping, and Anchorage Slab.

MSE Wall Design Loads

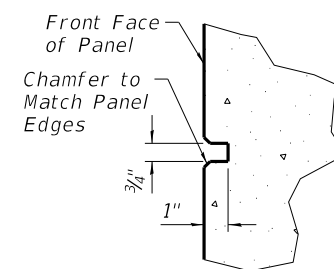
- Native soil behind select fill
Unit Weight = 125 pcf, $\phi = 30^\circ$
- Vertical Live Load on Sidewalk = 75 psf
- Vertical Live Load behind upper wall
Cooper E-80 at railroad tracks
240 psf traffic surcharge elsewhere.

External stability of the MSE Wall in front of the permanent soldier pile retaining wall has been evaluated for the greater of the active pressure including surcharge behind the tangent pile wall applied only through the gaps between the drilled shafts or 35 psf/ft applied to the entire reinforced soil mass.

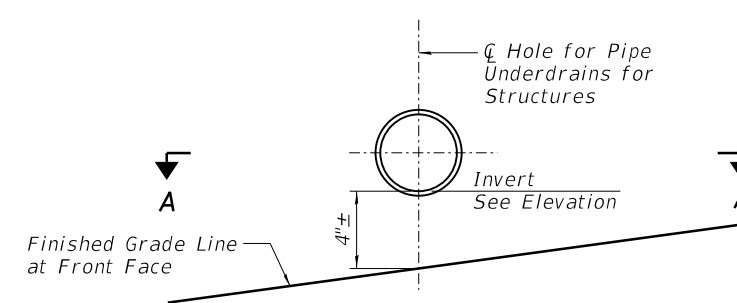
False Joint in Precast Panel $\frac{3}{4}$ "x1" typ.



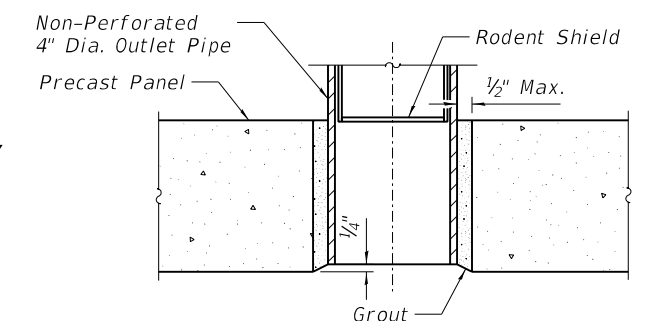
MSE WALL PRECAST PANEL PATTERN



FALSE JOINT RUSTICATION



UPPER UNDERDRAIN OUTLET DETAIL



SECTION A-A

USER NAME = Johns00944	DESIGNED - KMS	REVISD -
	CHECKED - RGC	REVISD -
PLOT SCALE = 0.167' / 1"	DRAWN - EJM	REVISD -
PLOT DATE = 11/1/2021	CHECKED - RGC	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MSE ELEVATION - NORTH WALL
RETAINING WALLS - JEFFERSON STREET**

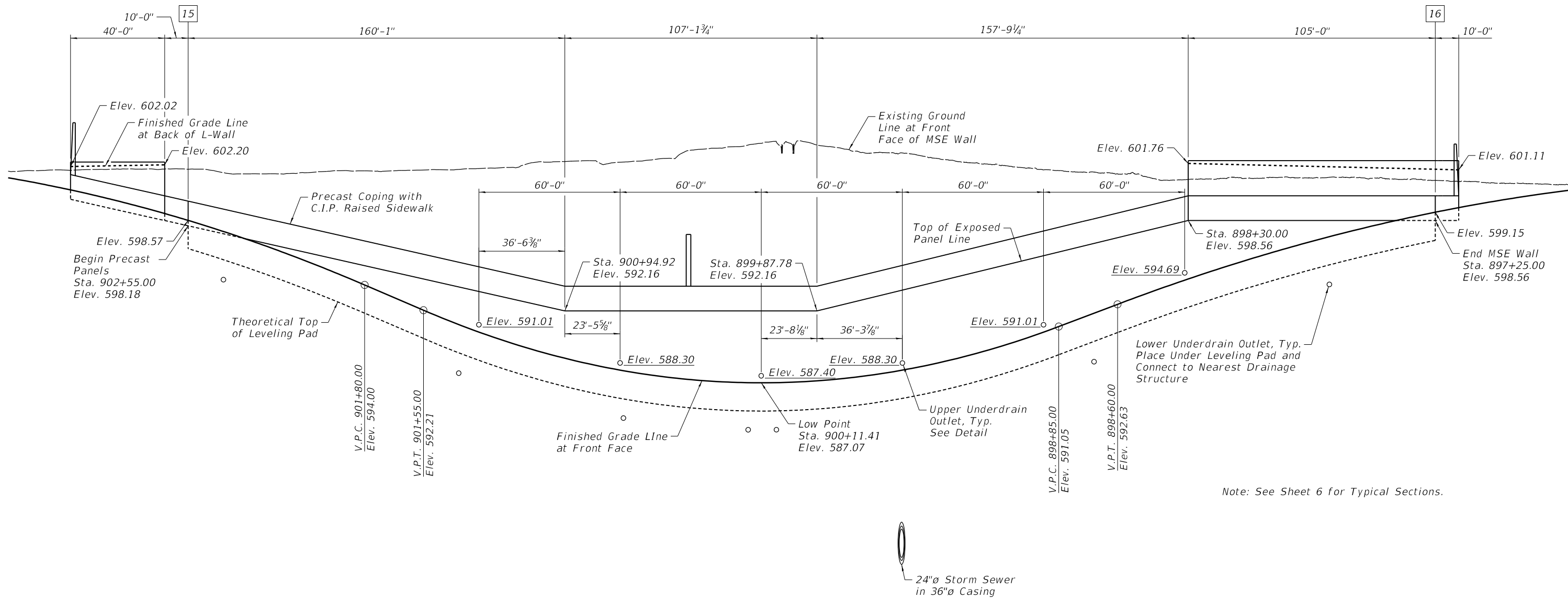
SHEET NO. 19 OF 32 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	410
CONTRACT NO. 93762				

ILLINOIS FED. AID PROJECT

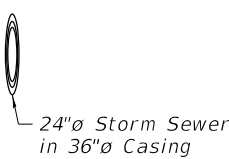


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Note: See Sheet 6 for Typical Sections.

SOUTH WALL ELEVATION



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USER NAME = Johns00944	DESIGNED - KMS	REVISED -
PLOT SCALE = 0.167' / 1"	CHECKED - RGC	REVISED -
PLOT DATE = 11/1/2021	DRAWN - EJM	REVISED -
	CHECKED - RGC	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

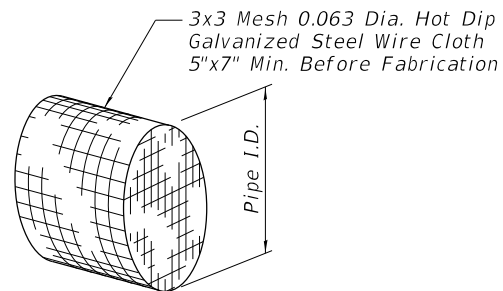
**MSE ELEVATION - SOUTH WALL
RETAINING WALLS - JEFFERSON STREET**

SHEET NO. 20 OF 32 SHEETS

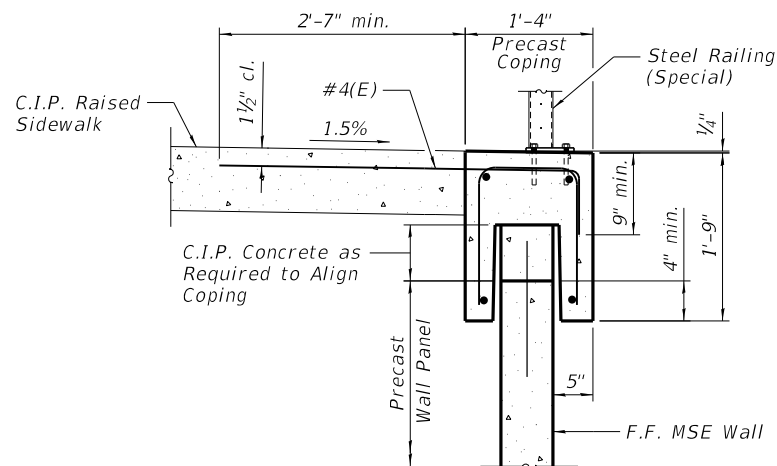
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	411
CONTRACT NO. 93762			ILLINOIS FED. AID PROJECT	



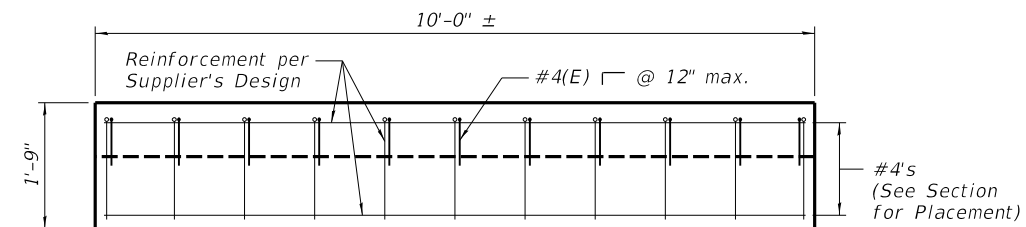
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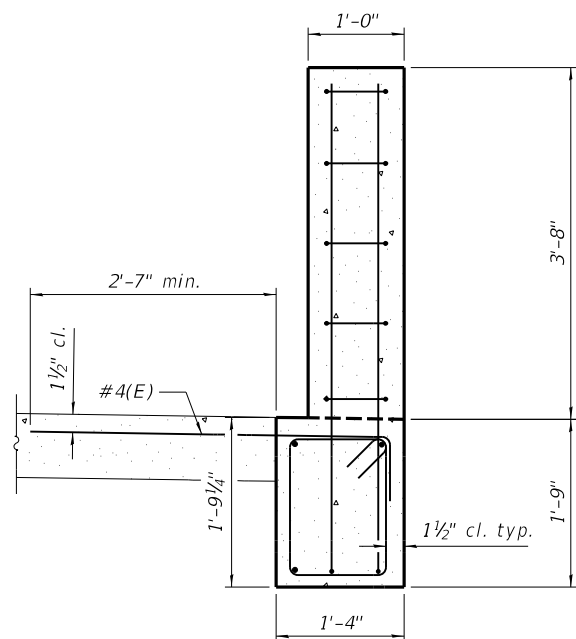
DETAIL OF RODENT SHIELD



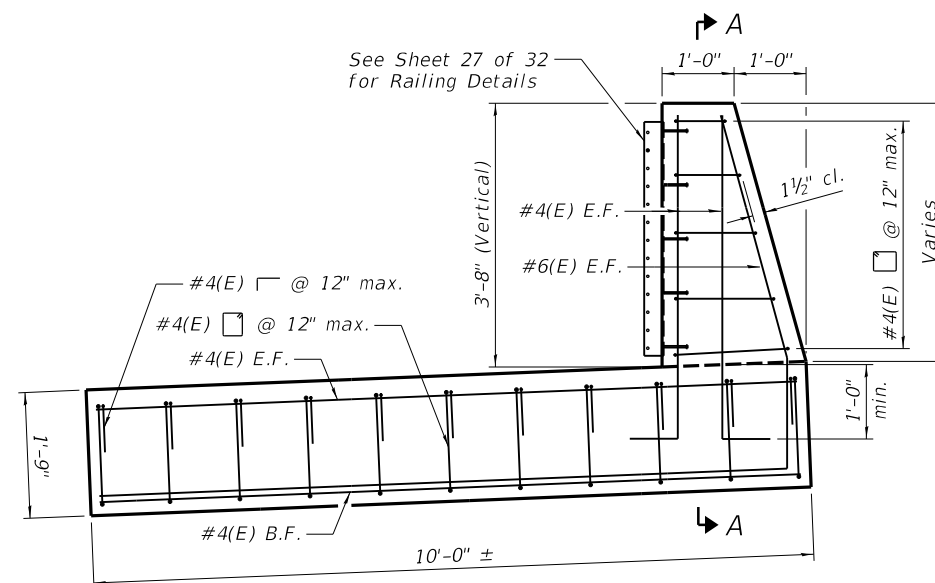
STANDARD COPING SECTION



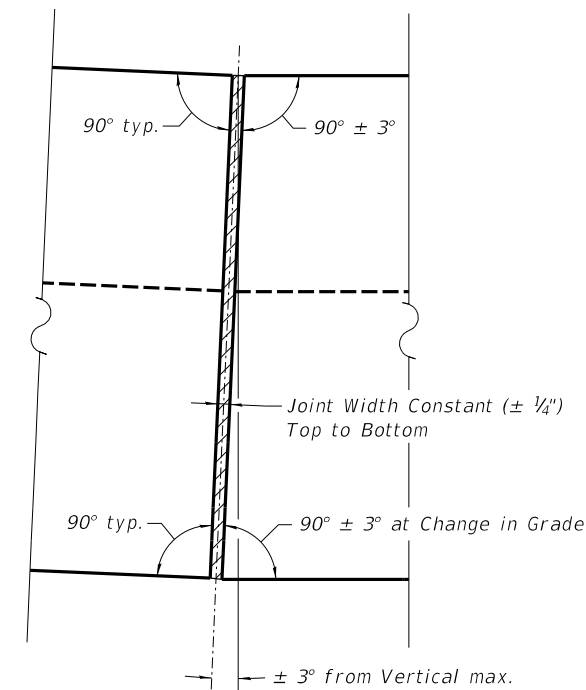
TYPICAL PRE-CAST COPING ELEVATION



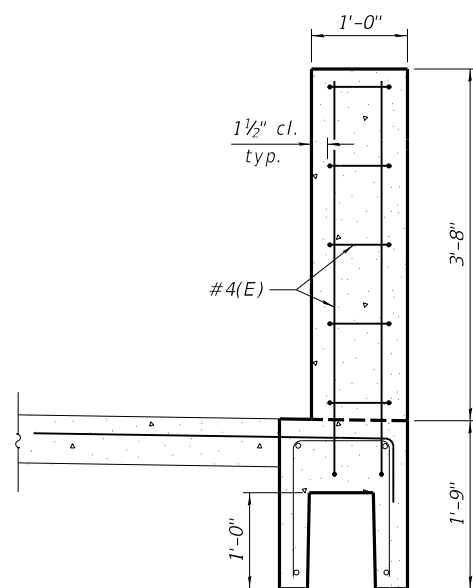
SECTION A-A



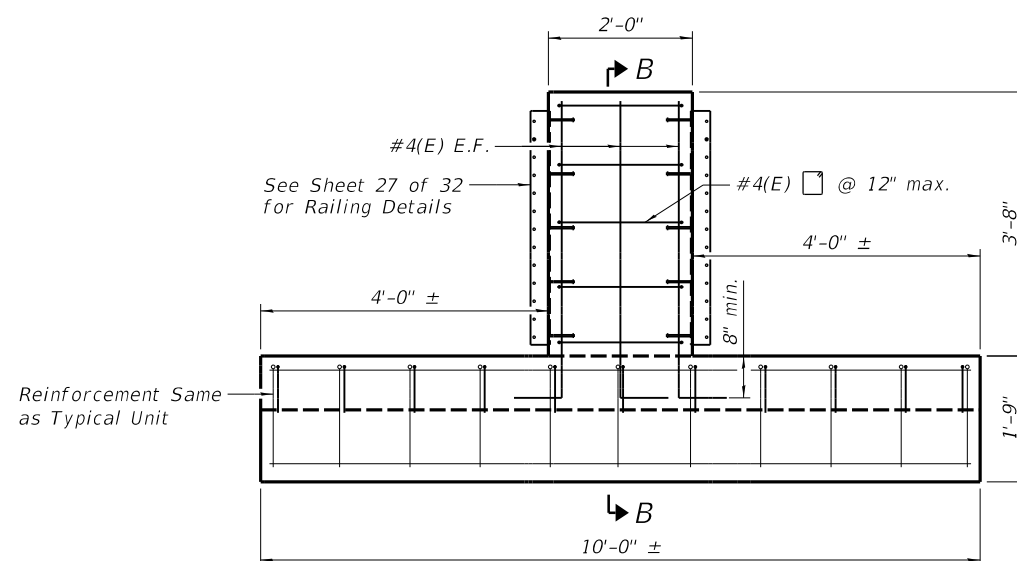
END POST UNIT ELEVATION



PRECAST UNIT JOINT ELEVATION



SECTION B-B



INTERMEDIATE POST UNIT ELEVATION

Notes:

1. Precast coping, end posts, and intermediate posts shall be included in the cost of Mechanically Stabilized Earth Retaining Wall.
2. Embeds for railing shall be included in the cost of Steel Railing (Special).
3. Reinforcement for concrete end posts and for embedment into cast-in-place raised sidewalk shall be as shown, minimum. Other reinforcement shall be per supplier design.



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PLOT DATE = 11/1/2021	DRAWN - EJM	REVISIONS
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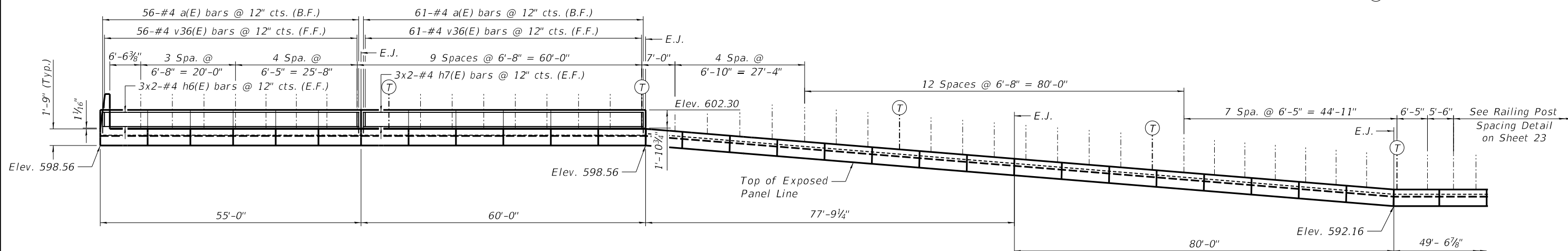
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MSE DETAILS
RETAINING WALLS - JEFFERSON STREET

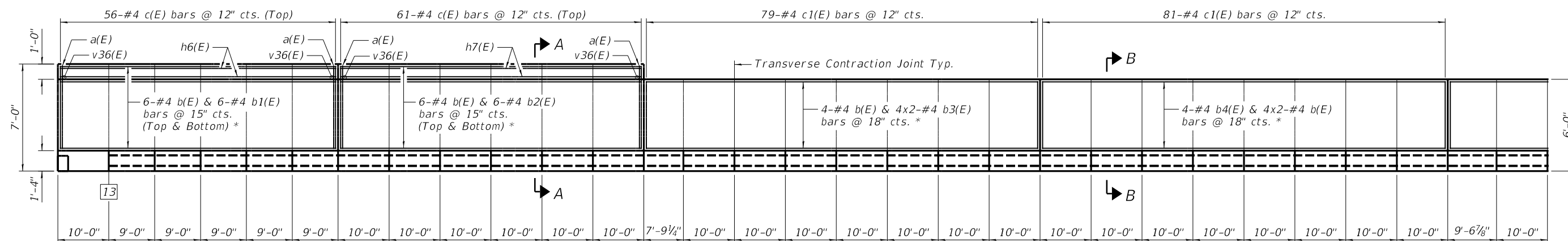
SHEET NO. 21 OF 32 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	412
CONTRACT NO. 93762				

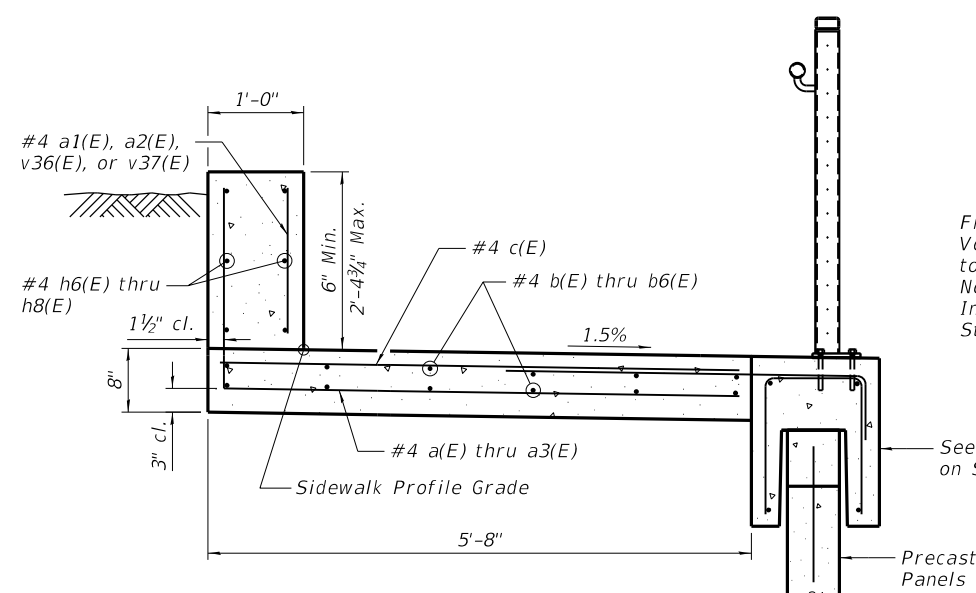
Ⓣ = Intermediate Tensioning Posts



ELEVATION - NORTH WALL ANCHORAGE SLAB (WEST)

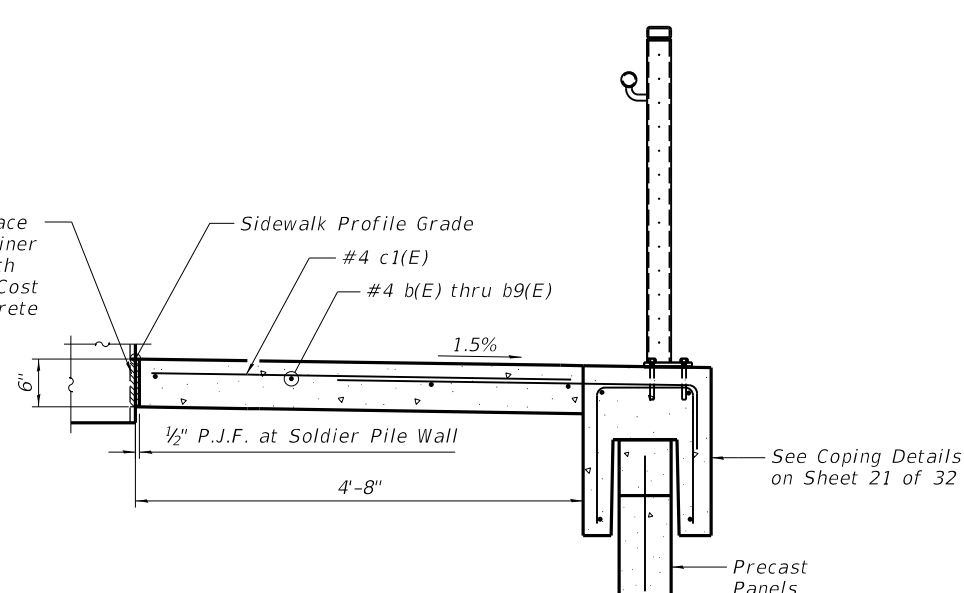


PLAN - NORTH WALL ANCHORAGE SLAB (WEST)



SECTION A-A

Fill Textured Surface Voids from Form Liner to Top of P.J.F. with Non-Shrink Grout. Cost Included with Concrete Structures.



SECTION B-B



Note: E.J. = Expansion Joint
E.F. = Each Face
* = Stagger Laps

13 = Control Point

MIN. BAR LAPS
#4 Bars = 2'-5"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	117	#4	7'-6"	L
b(E)	36	#4	34'-0"	—
b1(E)	12	#4	23'-6"	—
b2(E)	12	#4	28'-6"	—
b3(E)	8	#4	24'-3"	—
b4(E)	4	#4	16'-8"	—
c(E)	117	#4	5'-5"	—
c1(E)	160	#4	4'-5"	—
h6(E)	12	#4	28'-7"	—
h7(E)	12	#4	31'-1"	—
v36(E)	117	#4	1'-6"	—
Reinforcement Bars			Pound	3490
Epoxy Coated				
Concrete Structures			Cu. Yd.	44.8

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PLOT SCALE = 0.167' / in.	CHECKED - RGC	REVISIONS -
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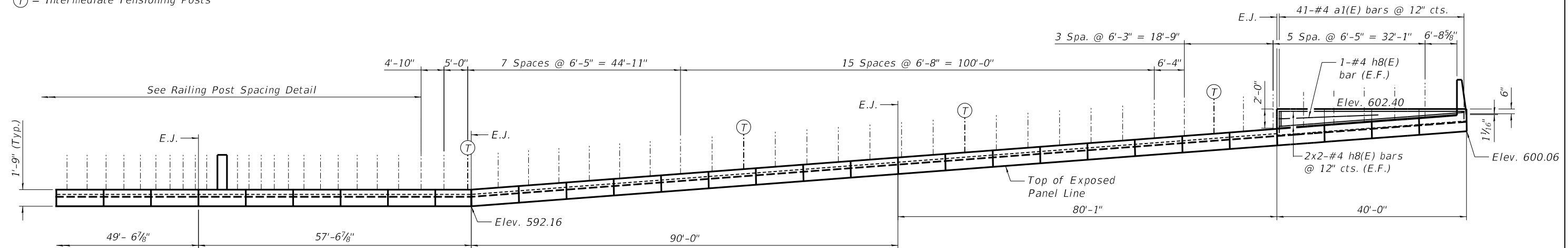
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ANCHORAGE SLAB - NORTH WALL
RETAINING WALLS - JEFFERSON STREET

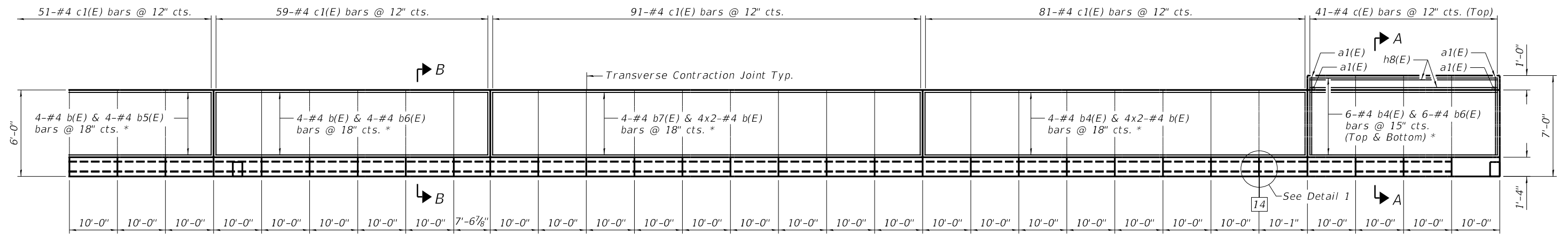
SHEET NO. 22 OF 32 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO.	93762
ILLINOIS FED. AID PROJECT				

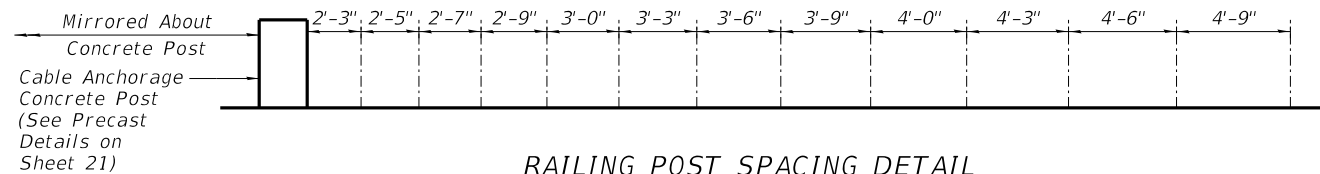
⊕ = Intermediate Tensioning Posts



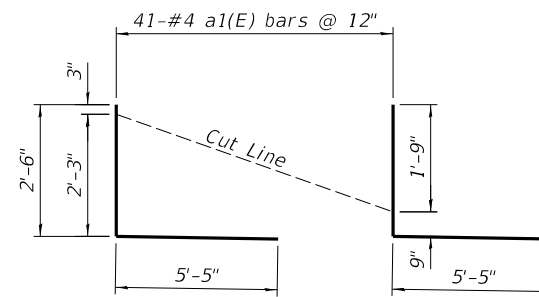
ELEVATION - NORTH WALL ANCHORAGE SLAB (EAST)



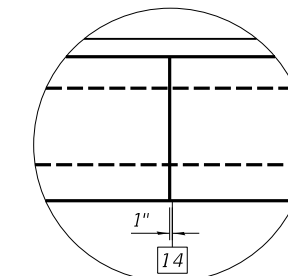
PLAN - NORTH WALL ANCHORAGE SLAB (EAST)



RAILING POST SPACING DETAIL
Typical for North and South Wall Anchorage Slabs



BARS a1(E)
Bars Above Cut Line To Be Used at Front Face of L-Wall



DETAIL 1

MIN. BAR LAPS

#4 Bars = 2'-5"

Note: E.J. = Expansion Joint
E.F. = Each Face
* = Stagger Laps

⊕ = Control Point

BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
a1(E)	41	#4	7'-11"	┌	
b(E)	24	#4	34'-0"	—	
b4(E)	16	#4	16'-8"	—	
b5(E)	4	#4	18'-0"	—	
b6(E)	16	#4	25'-8"	—	
b7(E)	4	#4	26'-8"	—	
c(E)	41	#4	5'-5"	—	
c1(E)	282	#4	4'-5"	—	
h8(E)	10	#4	21'-1"	—	
Reinforcement Bars Epoxy Coated				Pound	2450
Concrete Structures				Cu. Yd.	37.4

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USER NAME = Johns00944
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PLOT DATE = 11/1/2021

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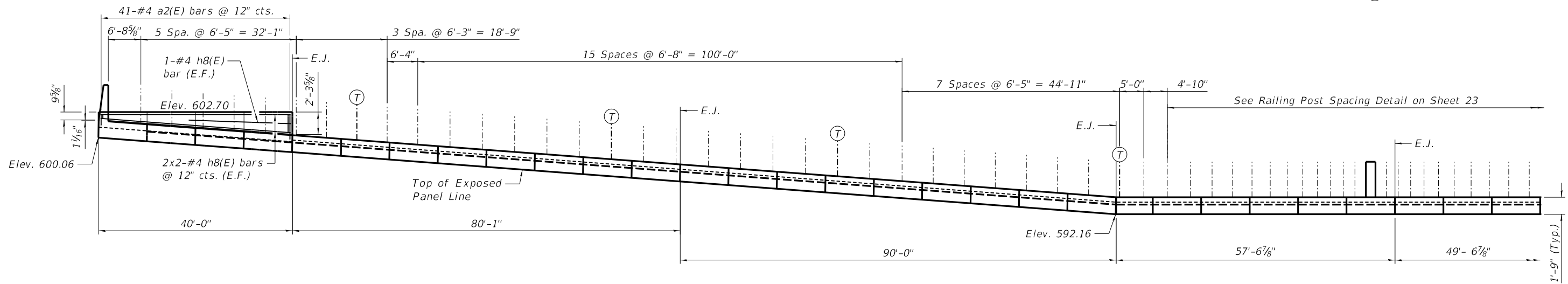
**ANCHORAGE SLAB - NORTH WALL
RETAINING WALLS - JEFFERSON STREET**

SHEET NO. 23 OF 32 SHEETS

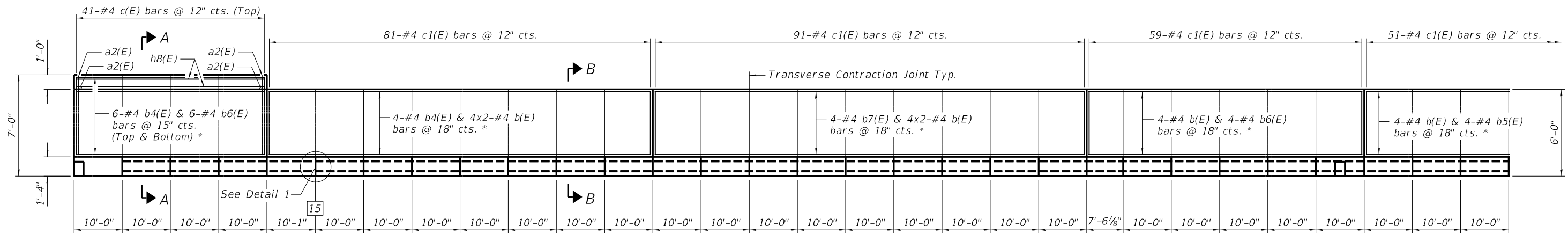
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			93762	

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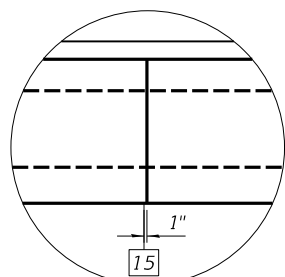
(T) = Intermediate Tensioning Posts



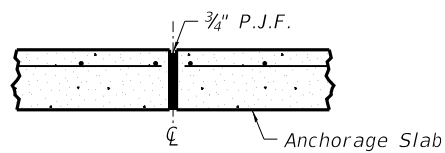
ELEVATION - SOUTH WALL ANCHORAGE SLAB (EAST)



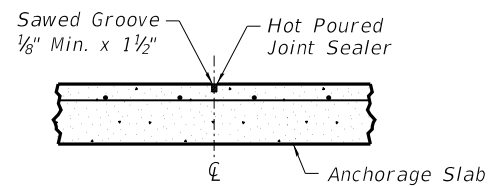
PLAN - SOUTH WALL ANCHORAGE SLAB (EAST)



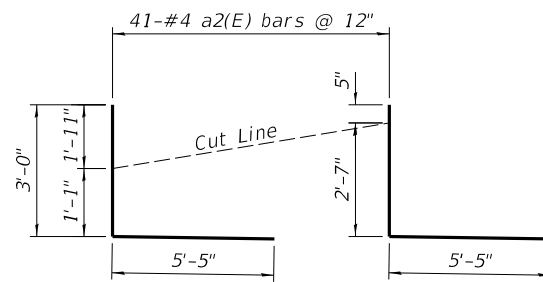
DETAIL 1



EXPANSION JOINT



TRANSVERSE CONTRACTION JOINT
See Article 420.05(c) of Standard Specifications.



BARS a2(E)
Bars Above Cut Line To Be Used at Front Face of L-Wall

Note: E.J. = Expansion Joint
E.F. = Each Face
* = Stagger Laps

15 = Control Point

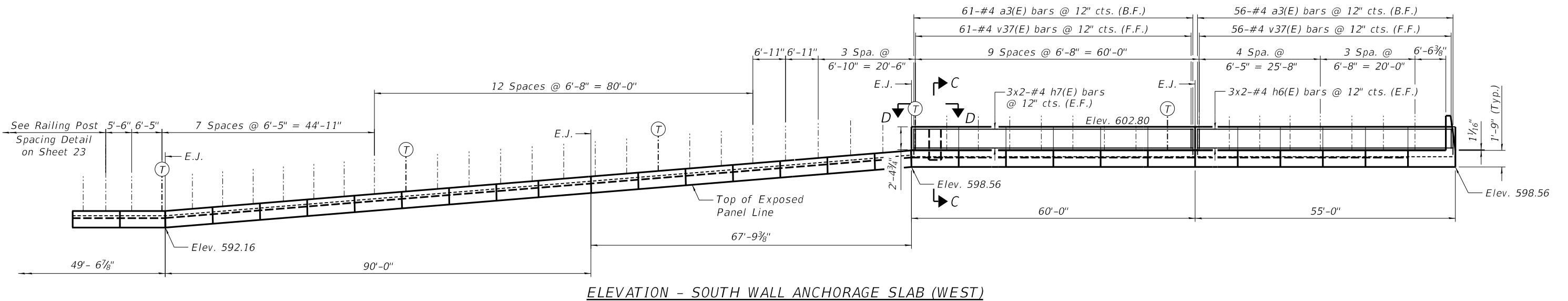
MIN. BAR LAPS
#4 Bars = 2'-5"

BILL OF MATERIAL

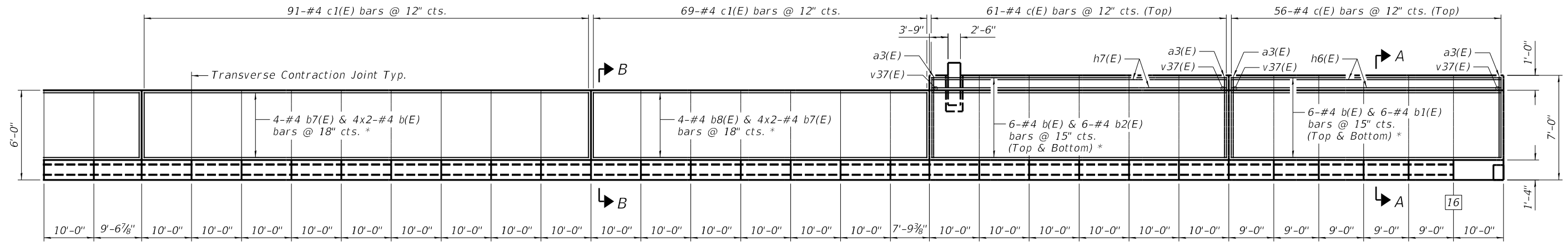
Bar	No.	Size	Length	Shape	
a2(E)	41	#4	8'-5"	L	
b(E)	24	#4	34'-0"	—	
b4(E)	16	#4	16'-8"	—	
b5(E)	4	#4	18'-0"	—	
b6(E)	16	#4	25'-8"	—	
b7(E)	4	#4	26'-8"	—	
c(E)	41	#4	5'-5"	—	
c1(E)	282	#4	4'-5"	—	
h8(E)	10	#4	21'-1"	—	
Reinforcement Bars Epoxy Coated				Pound	2470
Concrete Structures				Cu. Yd.	37.8



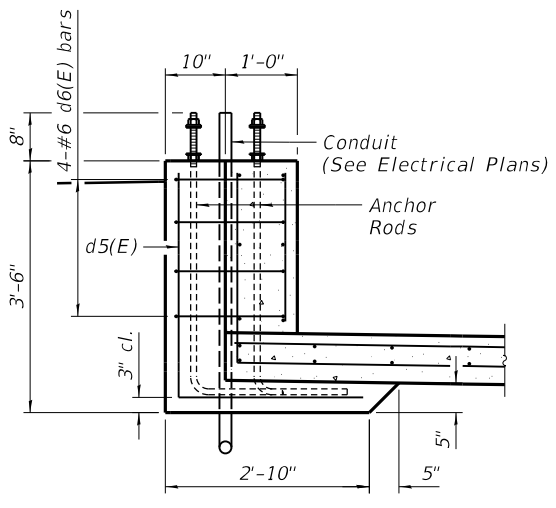
Ⓣ = Intermediate Tensioning Posts



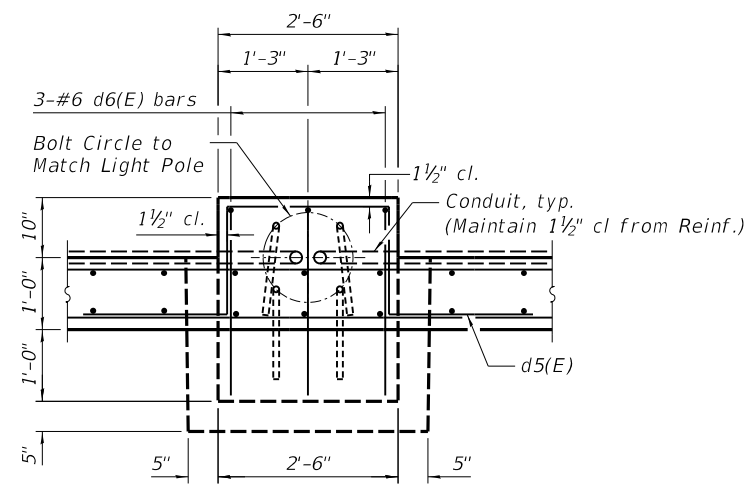
ELEVATION - SOUTH WALL ANCHORAGE SLAB (WEST)



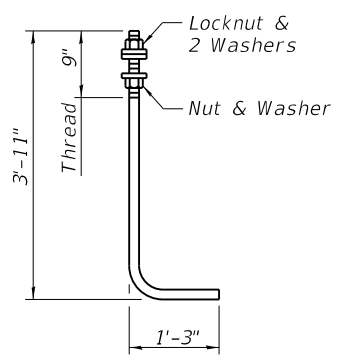
PLAN - SOUTH WALL ANCHORAGE SLAB (WEST)



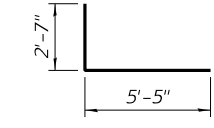
SECTION C-C



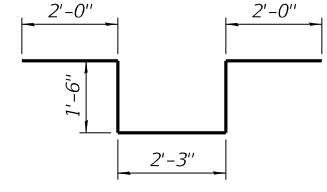
SECTION D-D



ANCHOR ROD
Diameter as specified for light poles.
(ASTM F 1554 Grade 105)



BAR a3(E)



BAR d6(E)



BAR d5(E)

Note: E.J. = Expansion Joint
E.F. = Each Face
* = Stagger Laps

16 = Control Point

MIN. BAR LAPS
#4 Bars = 1'-10"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a3(E)	117	#4	8'-0"	L
b(E)	32	#4	34'-0"	—
b1(E)	12	#4	23'-6"	—
b2(E)	12	#4	28'-6"	—
b7(E)	12	#4	26'-8"	—
b8(E)	4	#4	19'-3"	—
c(E)	117	#4	5'-5"	—
c1(E)	160	#4	4'-5"	—
d5(E)	4	#6	5'-8"	L
d6(E)	3	#6	9'-3"	L
h6(E)	12	#4	28'-7"	—
h7(E)	12	#4	31'-1"	—
v37(E)	117	#4	2'-0"	—
Reinforcement Bars			Pound	3640
Epoxy Coated				
Concrete Structures			Cu. Yd.	47.3

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DEPARTMENT OF TRANSPORTATION

ANCHORAGE SLAB - SOUTH WALL
RETAINING WALLS - JEFFERSON STREET

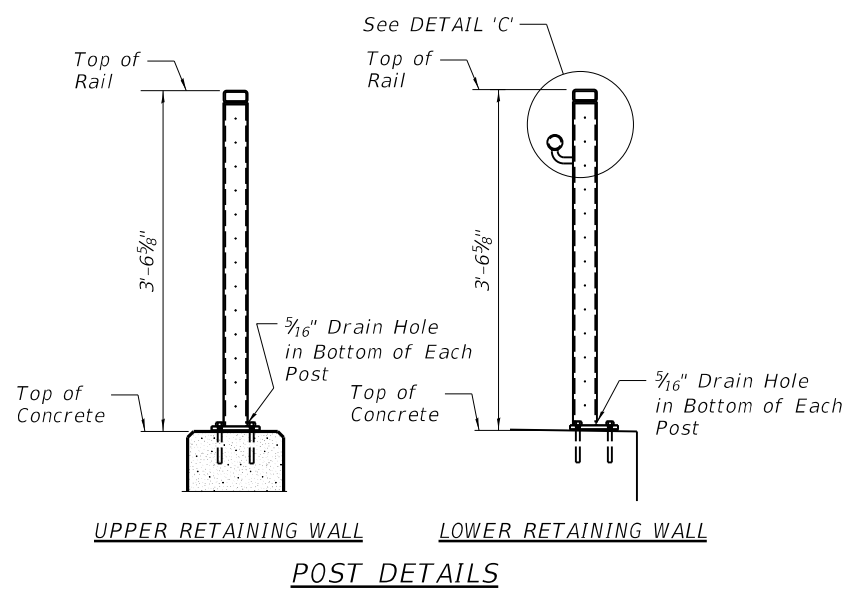
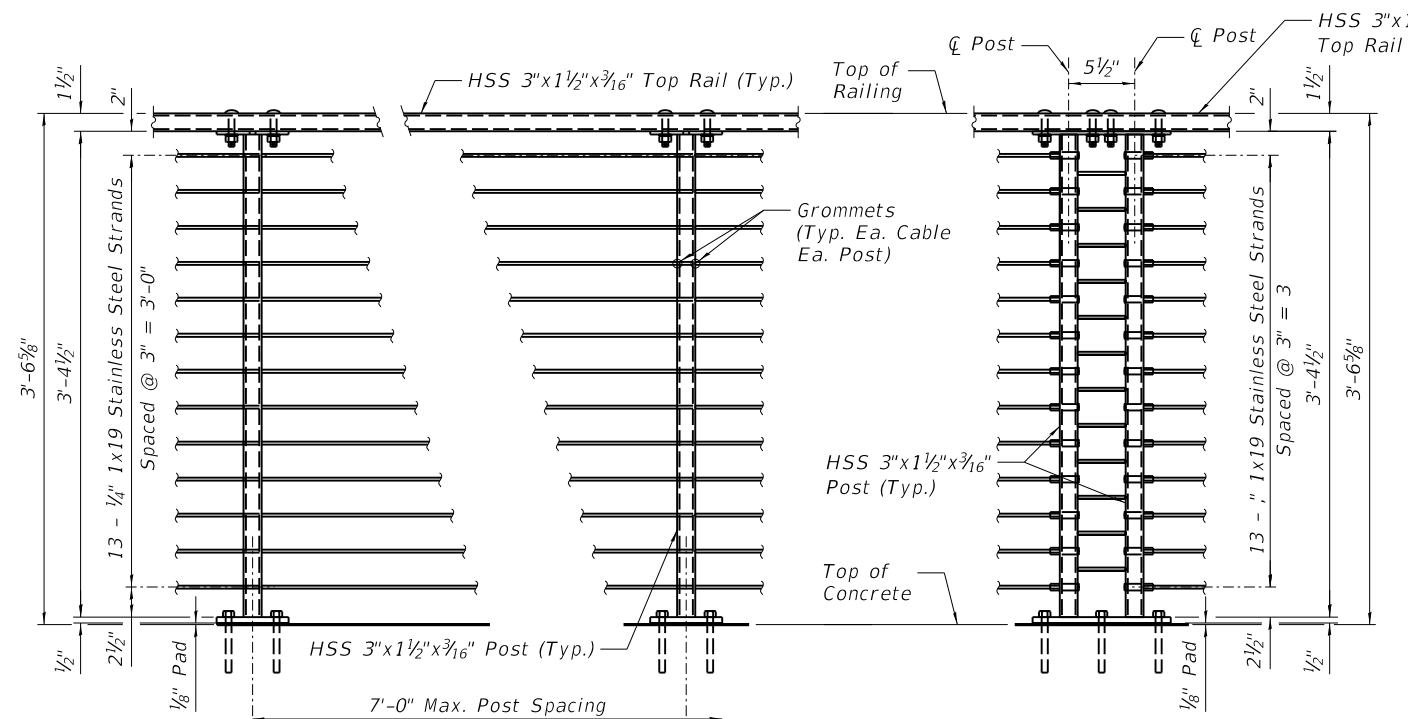
SHEET NO. 25 OF 32 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	416
CONTRACT NO.			93762	

ILLINOIS FED. AID PROJECT



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Notes:

Railing posts shall be vertical.

Anchor rods shall be ASTM F1554, Gr. 55, galvanized steel all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor rods may be used in lieu of ASTM F1554. The anchor rods shall be hot-dipped galvanized according to AASHTO M232, Class C.

Tube segments shall have all corners ground to remove burrs or sharp projections.

All bolts, eyebolts, nuts and washers must satisfy the requirements of ASTM A307 Gr. A unless noted otherwise.

The anchor rods shall be installed according to Article 509.06 of the Standard Specifications. Embedment shall be 4" min. or according to the manufactures specifications whatever is greater.

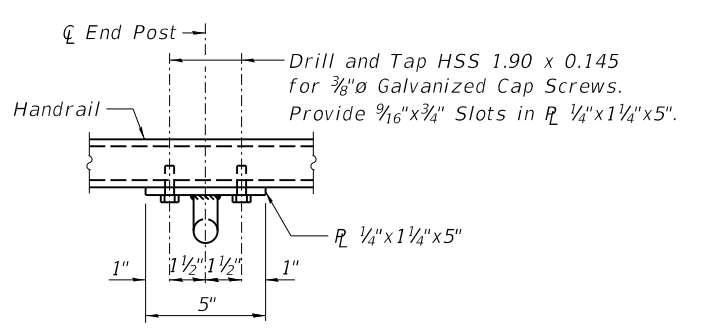
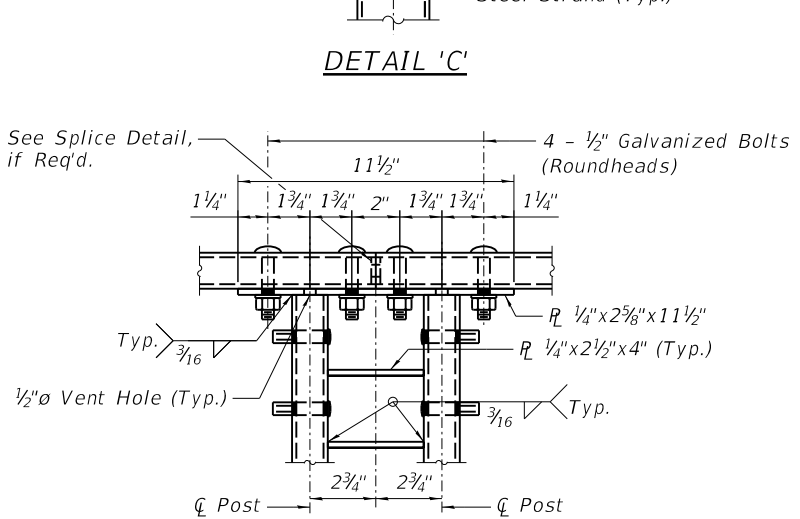
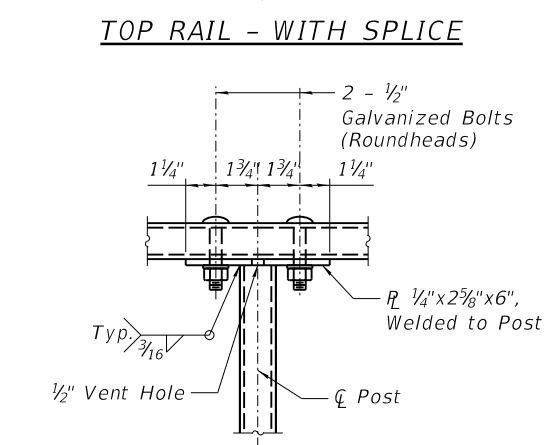
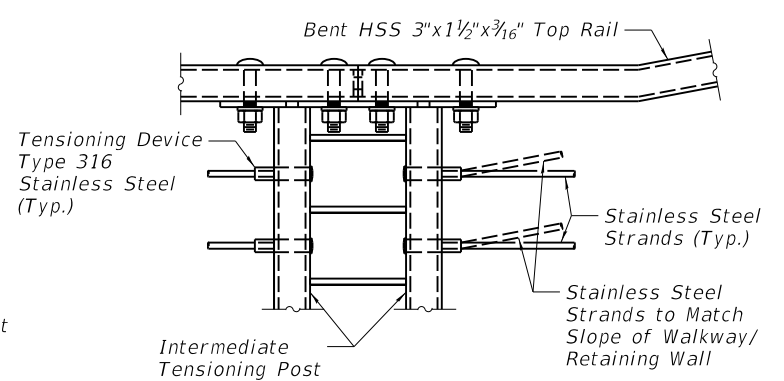
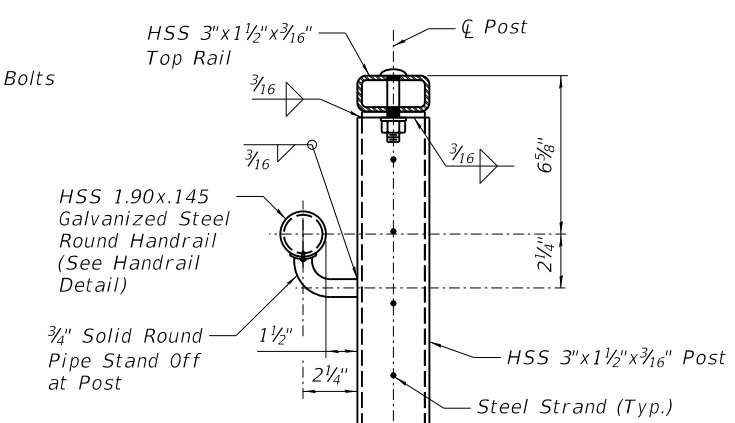
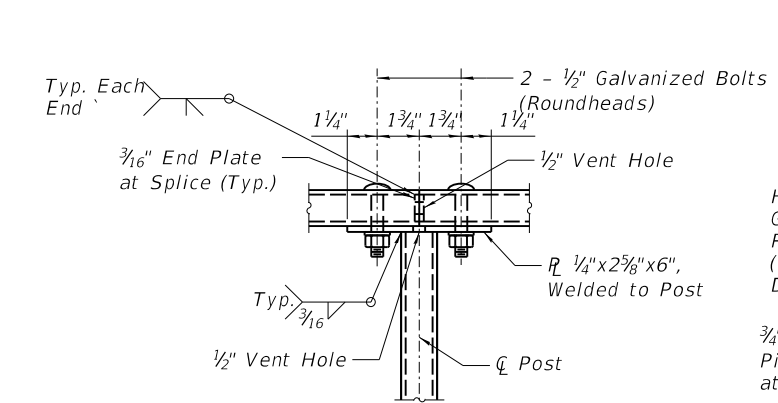
Structural steel plates and bars of the Steel Railing shall conform to the requirements of ASTM A36/36M.

Tubular steel posts shall be according to the requirements of ASTM A500, Grade B.

All steel rail members, with the exception of the stainless steel strand and fittings, shall be hot dipped galvanized according to Article 509.05 of the Standard Specifications.

All studs shall be 1/2"Ø x 4" granular or solid flux filled headed studs automatically end welded to plates.

See Sheets 12 thru 17 and 22 thru 25 of 32 for rail post spacing.



TYPICAL RAIL/POST CONNECTION
(Strands not shown for clarity.)

TOP PLATE
INTERMEDIATE TENSIONING POSTS

HANDRAIL DETAIL

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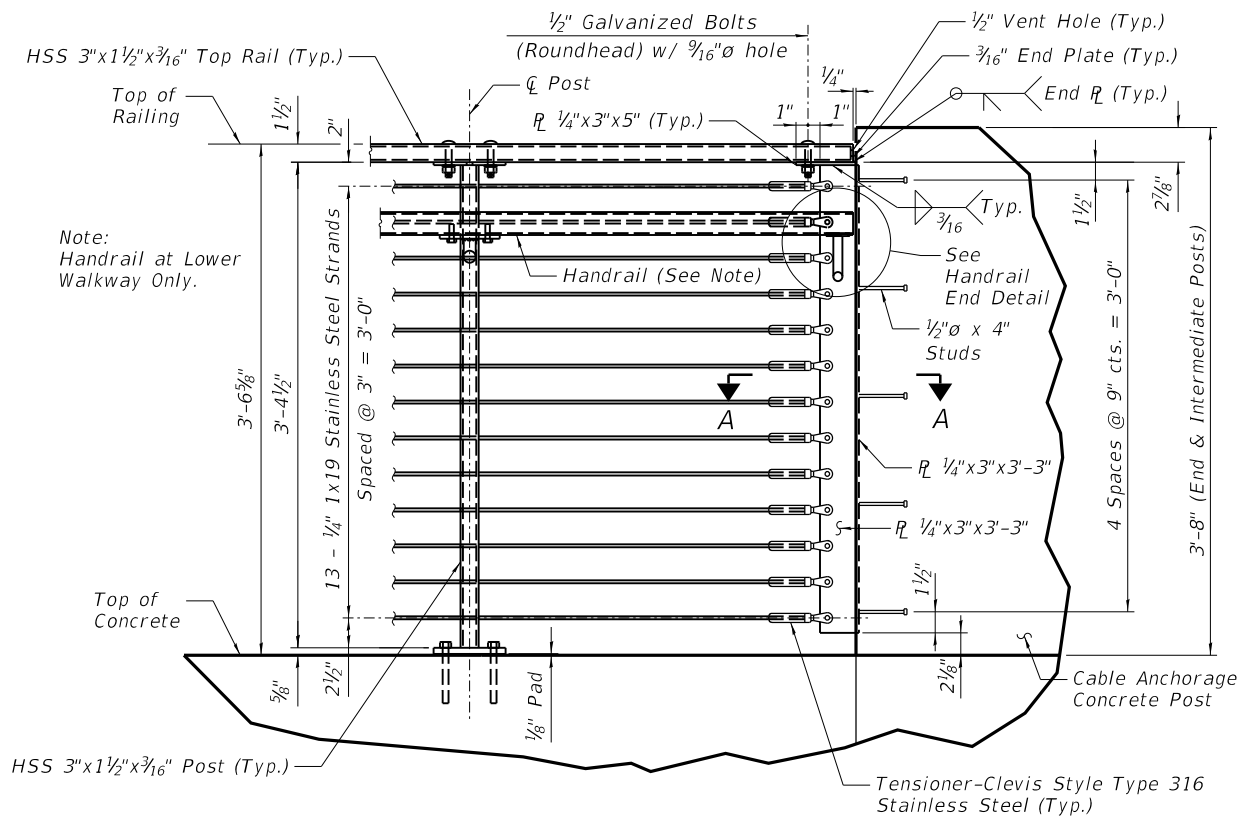
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	PLOT DATE = 11/1/2021	DRAWN - EJM	REVISED -
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STATE OF ILLINOIS
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RAILING DETAILS
RETAINING WALLS - JEFFERSON STREET

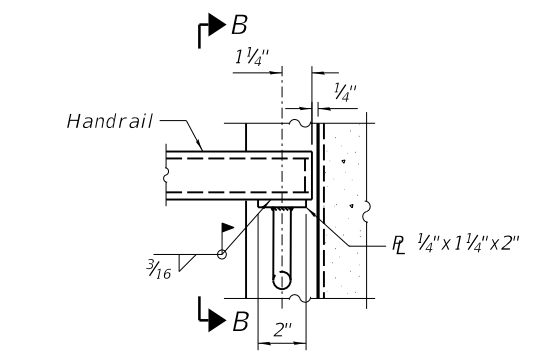
SHEET NO. 26 OF 32 SHEETS

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 417
			CONTRACT NO. 93762	
ILLINOIS FED. AID PROJECT				

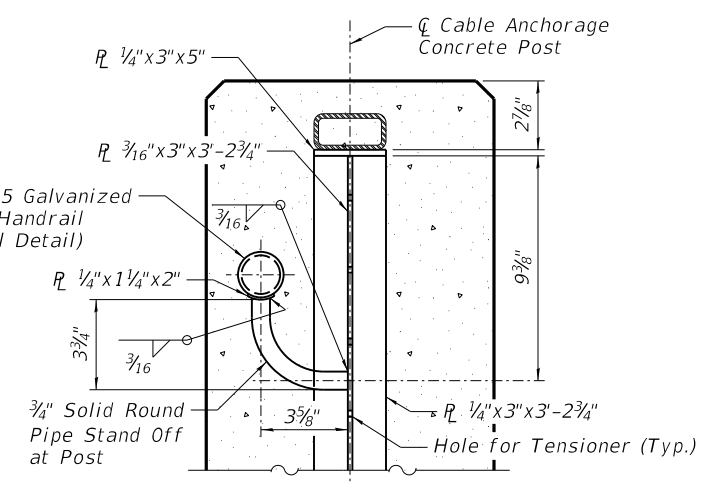


CABLE RAILING TERMINATION

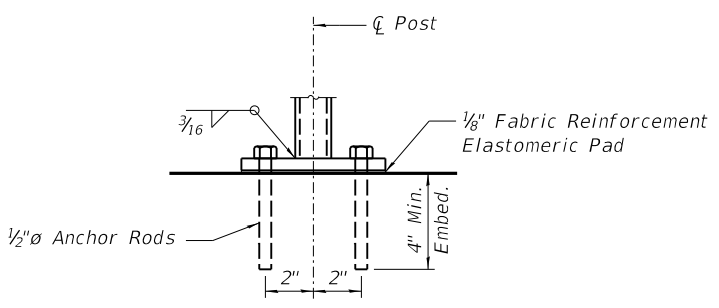
(Typical Termination at Exterior Bridge Cheek Walls, End Posts, & Intermediate Posts)



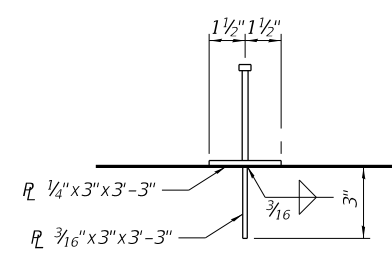
**HANDRAIL END DETAIL
CABLE ANCHORAGE CONCRETE POST**



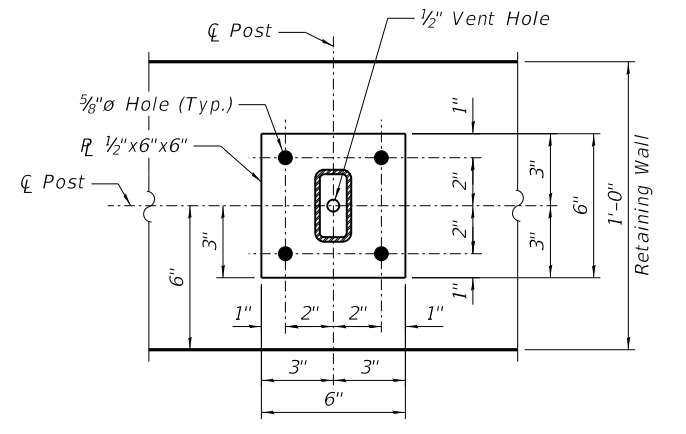
SECTION B-B



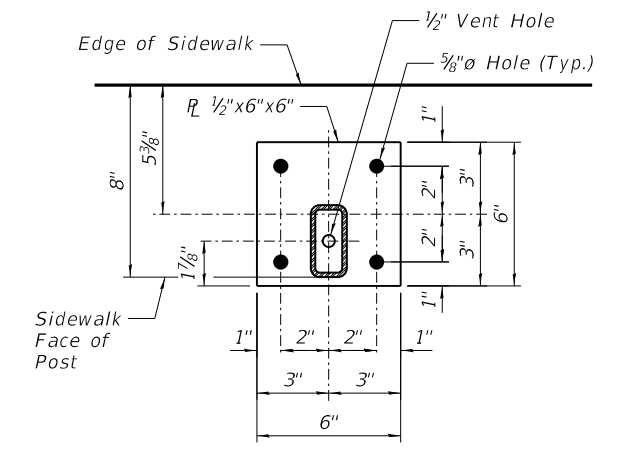
STANDARD POSTS



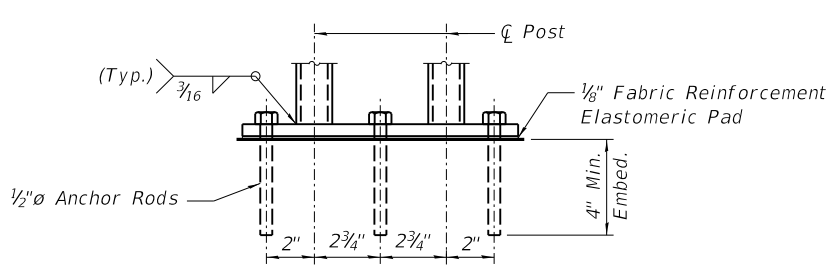
SECTION A-A



STANDARD POSTS

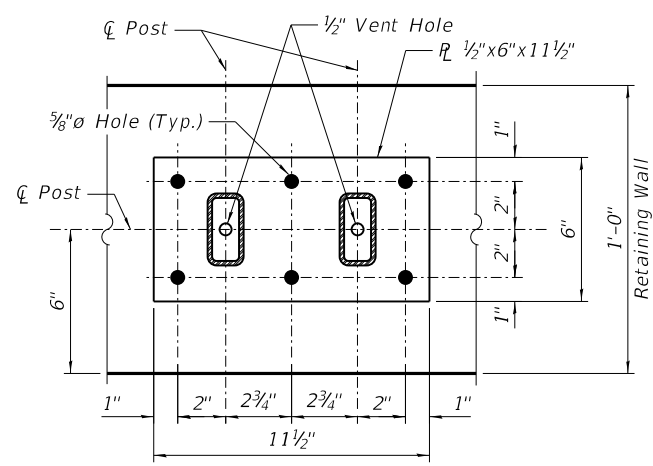


STANDARD POSTS



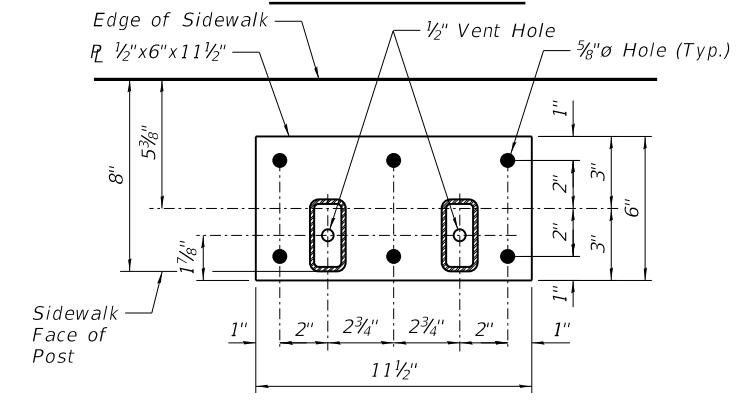
INTERMEDIATE TENSIONING POSTS

TYPICAL ANCHOR ROD DETAILS



INTERMEDIATE TENSIONING POSTS

**BASE PLATE DETAILS
(Upper Retaining Walls)**



INTERMEDIATE TENSIONING POSTS

**BASE PLATE DETAILS
(Lower Retaining Walls)**

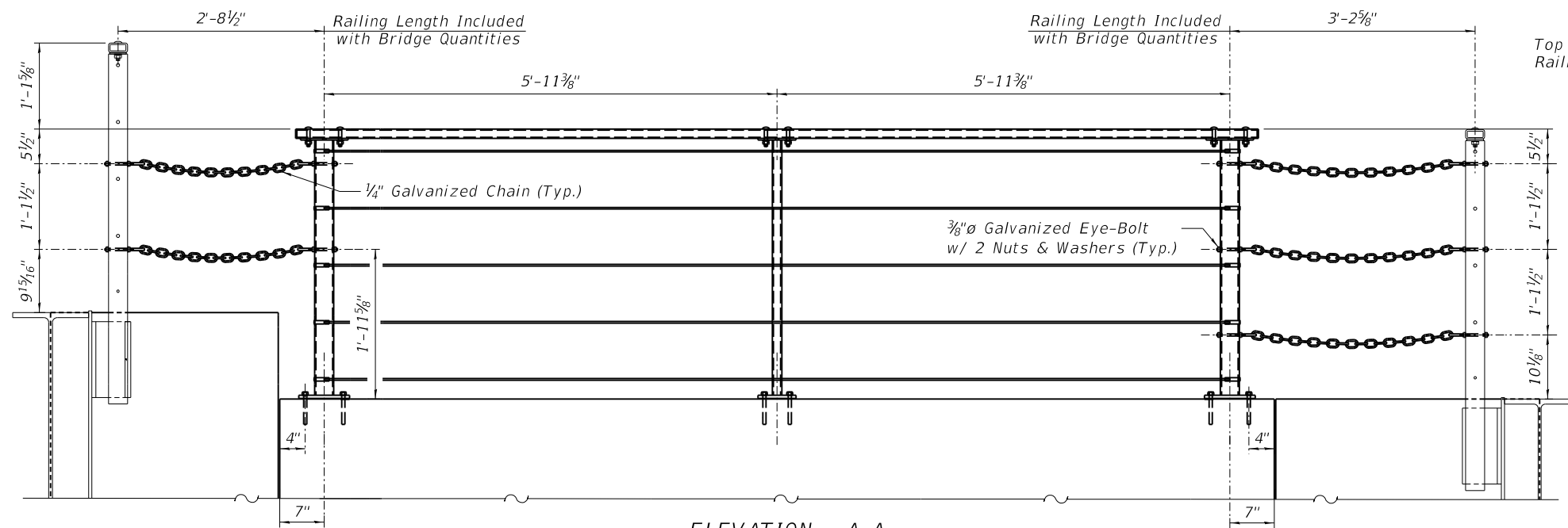
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**STATE OF ILLINOIS
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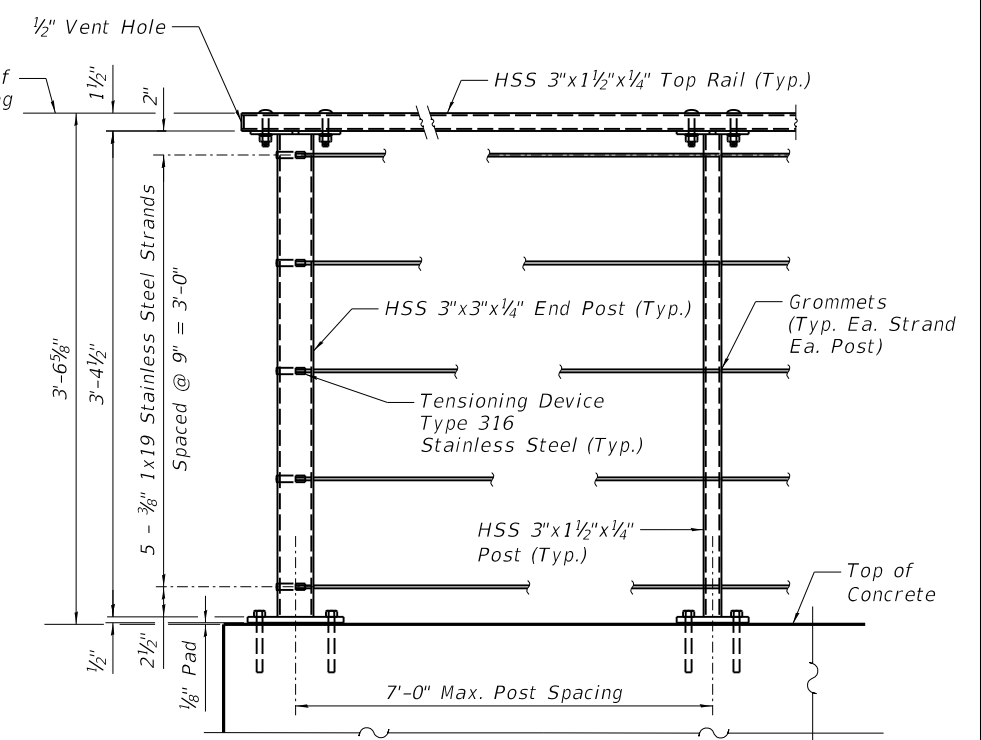
**RAILING DETAILS
RETAINING WALLS - JEFFERSON STREET**

SHEET NO. 27 OF 32 SHEETS

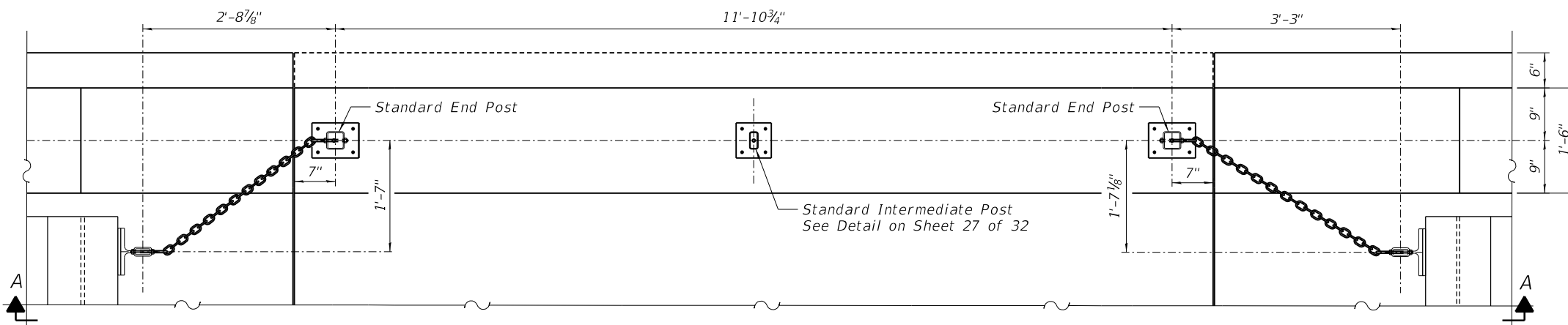
F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 418
			CONTRACT NO. 93762	
ILLINOIS FED. AID PROJECT				



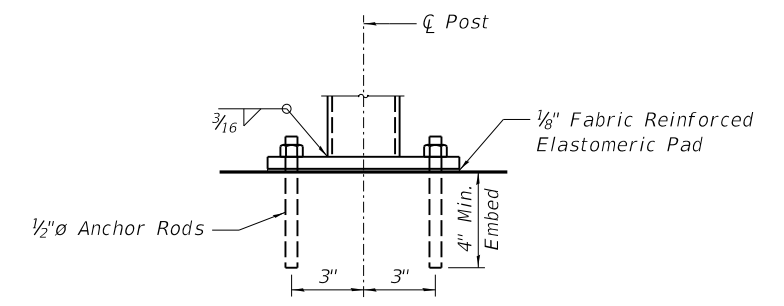
ELEVATION - A-A
(North Wall Shown - South Wall Similar)



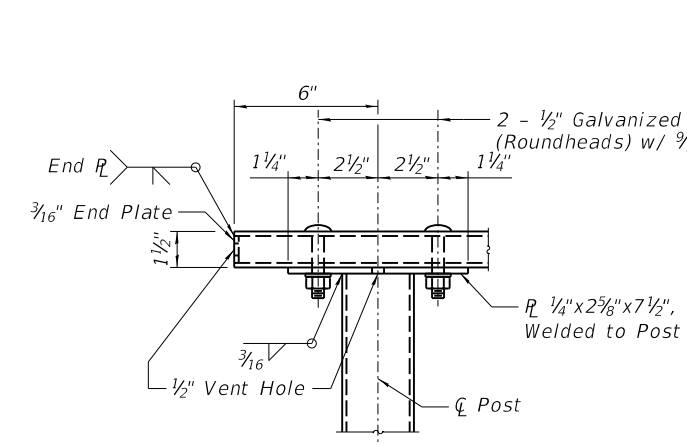
END POST **INTERMEDIATE POST**
RAILING BETWEEN BRIDGES



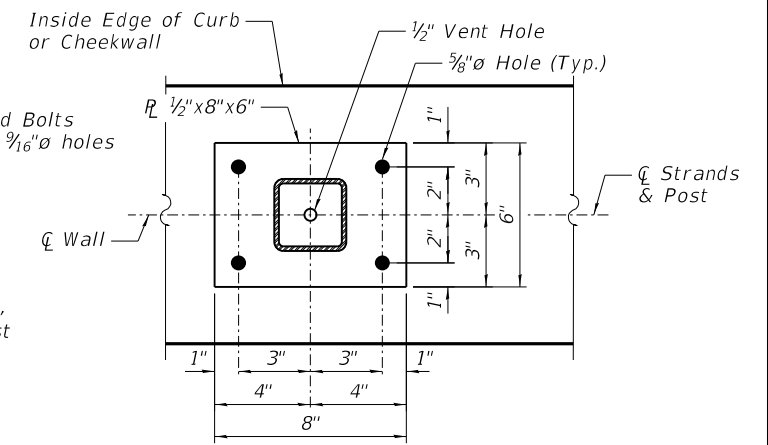
PLAN - POSTS BETWEEN BRIDGES
(North Wall Shown - South Wall Similar)



ANCHOR ROD DETAIL
END POSTS



TOP RAIL - AT END POST



END POST

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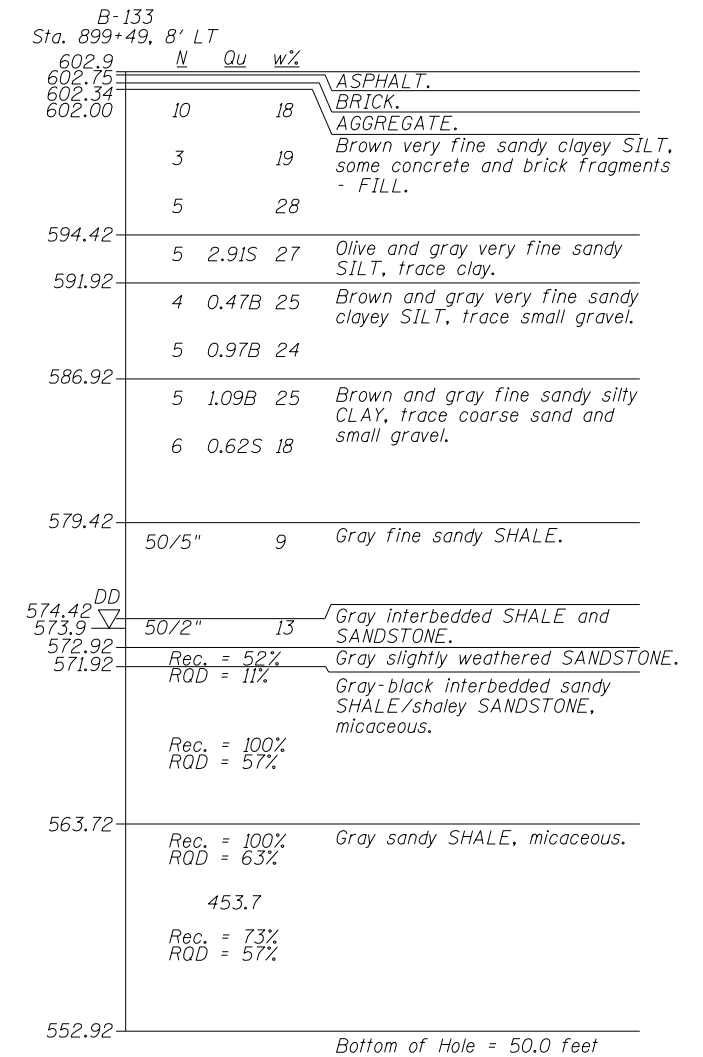
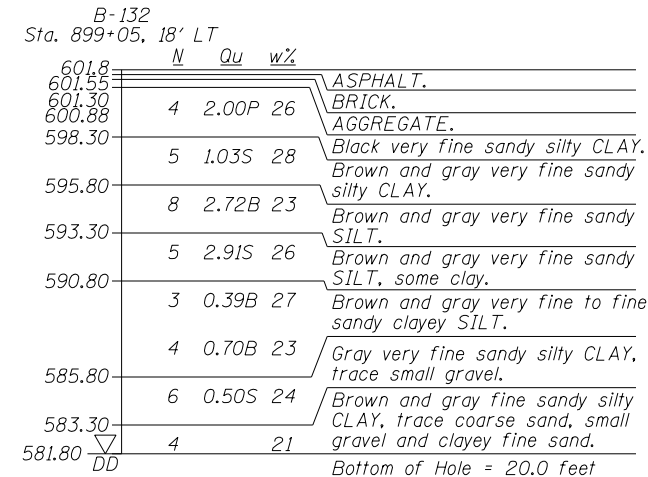
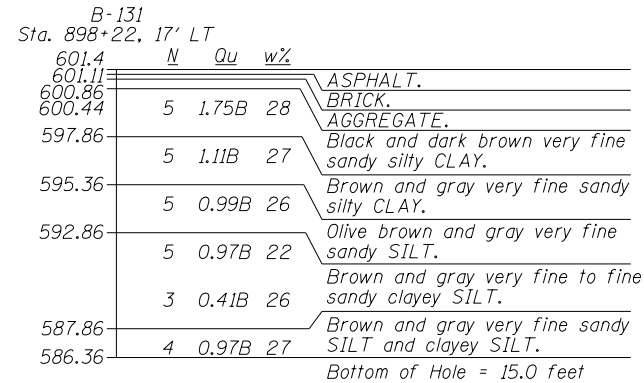
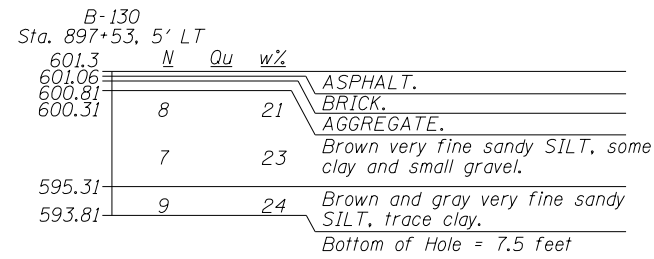
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	PLOT SCALE = 0.167' / 1"	CHECKED - RGC	REVISED -
	PLOT DATE = 11/1/2021	DRAWN - EJM	REVISED -
		CHECKED - RGC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAILING DETAILS
RETAINING WALLS - JEFFERSON STREET

SHEET NO. 28 OF 32 SHEETS

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 419
CONTRACT NO. 93762			ILLINOIS FED. AID PROJECT	



LEGEND

N Standard Penetration Test N (blows/ft)
 Qu Unconfined Strength (tsf)
 w% Natural Moisture Content (%)

DD Water Surface Elevation Encountered in Boring
 558.10 DD = during drilling
 Oh = at completion
 24h = 24 hours after completion

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USER NAME = Johns00944	DESIGNED - KMS	REVISED -
	CHECKED - RGC	REVISED -
PLOT SCALE = 18.000' / in.	DRAWN - EJM	REVISED -
PLOT DATE = 11/1/2021	CHECKED - RGC	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUBSURFACE DATA PROFILE
RETAINING WALLS - JEFFERSON STREET**

SHEET NO. 29 OF 32 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	420
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93762	

B-134
Sta. 901+24, 17' LT

	N	Qu	w%	
602.6				ASPHALT.
602.28				CONCRETE.
601.53	6	2.50P 28		Black very fine sandy silty CLAY, trace small gravel - FILL.
599.11	4	4.00P 22		Brown and gray very fine sandy SILT.
	5	1.65S 31		
594.11	6	2.72S 25		Brown and gray very fine sandy SILT, trace clay.
591.61	4	0.62B 26		Brown and gray very fine sandy clayey SILT.
589.11	3	0.97B 25		Brown and gray very fine sandy silty CLAY.
	5	1.50P 23		
584.61				Brown fine sandy silty CLAY, trace coarse sand and small gravel.
582.61	5	20		Bottom of Hole = 20.0 feet

B-135
Sta. 902+05, 19' LT

	N	Qu	w%	
602.1				ASPHALT.
601.75				CONCRETE.
601.00	4	9		Brown silty fine SAND, trace small gravel - FILL.
598.58	4	10		Brown silty fine to medium SAND, trace coarse sand and small gravel - FILL.
596.08	2	20		
593.58	4	2.33B 24		Gray silty fine to medium SAND, trace coarse sand and small gravel - FILL.
591.08	4	0.39B 27		Brown and gray very fine sandy SILT, diesel fuel odor.
589.58				Brown and gray very fine sandy silty CLAY.
				Bottom of Hole = 12.5 feet

B-136
Sta. 903+00, 18' LT

	N	Qu	w%	
602.1				ASPHALT.
601.67				CONCRETE.
600.92	5	28		Black very fine sandy silty CLAY.
598.59	7	26		Brown and gray very fine sandy SILT.
597.09				Bottom of Hole = 5.0 feet

LEGEND

N Standard Penetration Test N (blows/ft)

Qu Unconfined Strength (tsf)

w% Natural Moisture Content (%)

DD ∇ Water Surface Elevation Encountered in Boring

558.10 ∇ DD = during drilling

Oh = at completion

24h = 24 hours after completion

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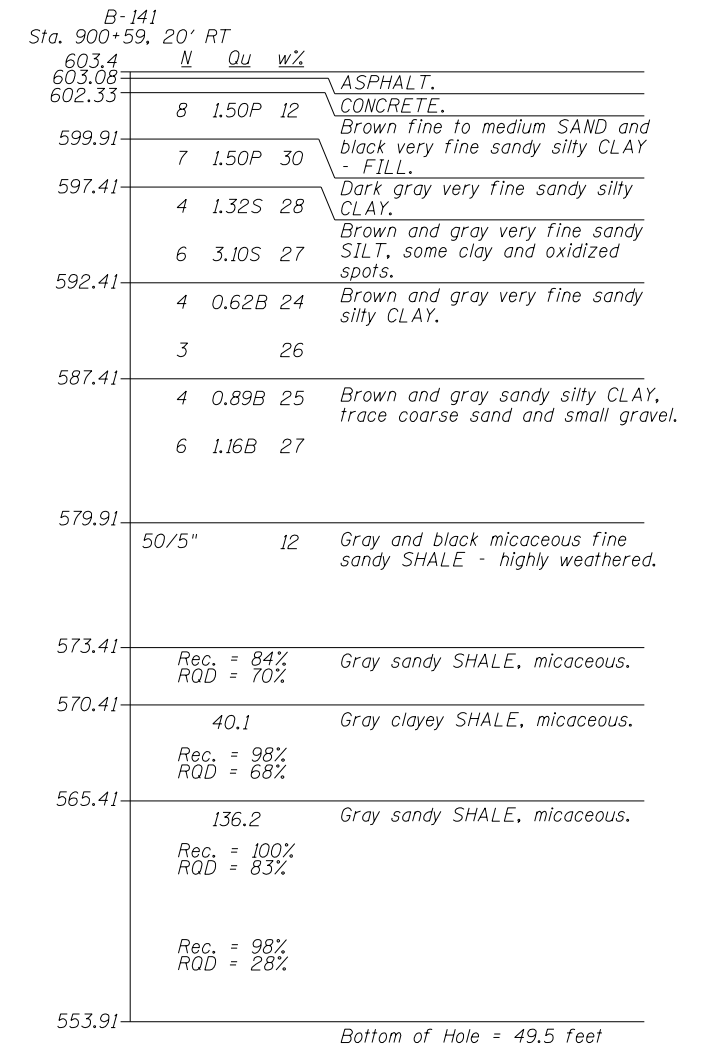
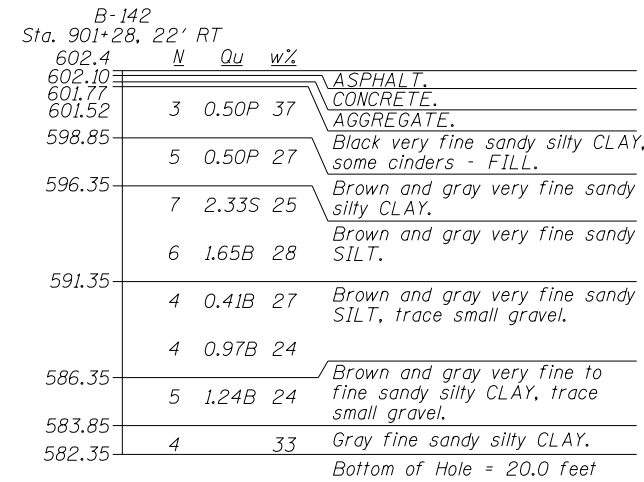
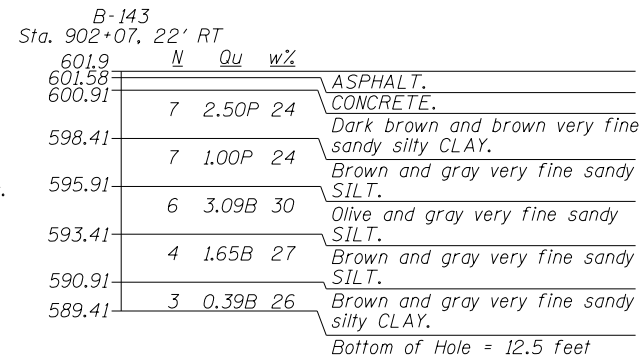
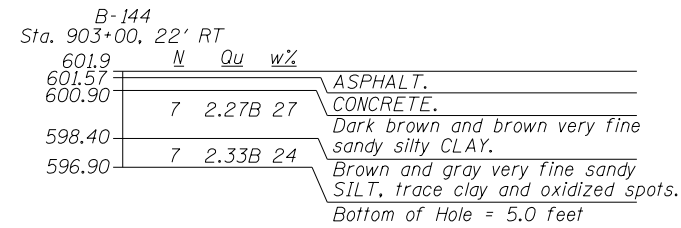
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PLOT SCALE = 18.000 ' / in.	DRAWN - EJM	REVISED -
PLOT DATE = 11/1/2021	CHECKED - RGC	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUBSURFACE DATA PROFILE
RETAINING WALLS - JEFFERSON STREET**

SHEET NO. 30 OF 32 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	421
CONTRACT NO.			93762	
ILLINOIS FED. AID PROJECT				



LEGEND

- N Standard Penetration Test N (blows/ft)
- Qu Unconfined Strength (tsf)
- w% Natural Moisture Content (%)

DD Water Surface Elevation Encountered in Boring
 558.10 DD = during drilling
 Oh = at completion
 24h = 24 hours after completion

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USER NAME = Johns00944	DESIGNED - KMS	REVISED -
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PLOT SCALE = 18.000' / in.	DRAWN - EJM	REVISED -
PLOT DATE = 11/1/2021	CHECKED - RGC	REVISED -

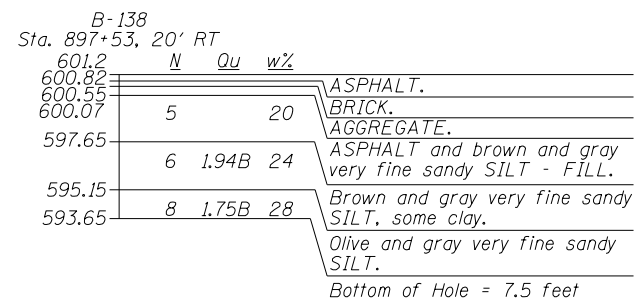
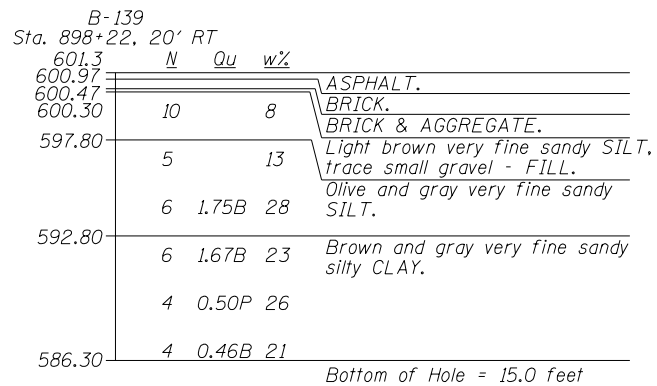
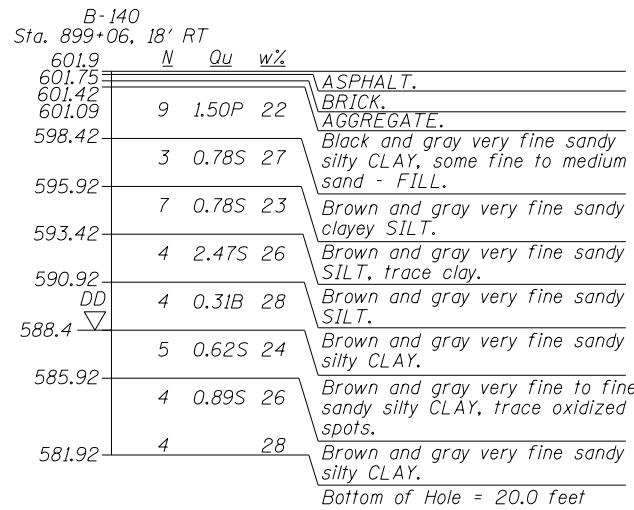
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUBSURFACE DATA PROFILE
RETAINING WALLS - JEFFERSON STREET**

SHEET NO. 31 OF 32 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	422
CONTRACT NO.			93762	

ILLINOIS FED. AID PROJECT



LEGEND

N Standard Penetration Test N (blows/ft)

Qu Unconfined Strength (tsf)

w% Natural Moisture Content (%)

DD Water Surface Elevation Encountered in Boring

588.10 DD = during drilling

Oh = at completion

24h = 24 hours after completion

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USER NAME = Johns00944

DESIGNED - KMS

REVISIED -

CHECKED - RGC

REVISIED -

PLOT SCALE = 18.000' / in.

DRAWN - EJM

REVISIED -

PLOT DATE = 11/1/2021

CHECKED - RGC

REVISIED -

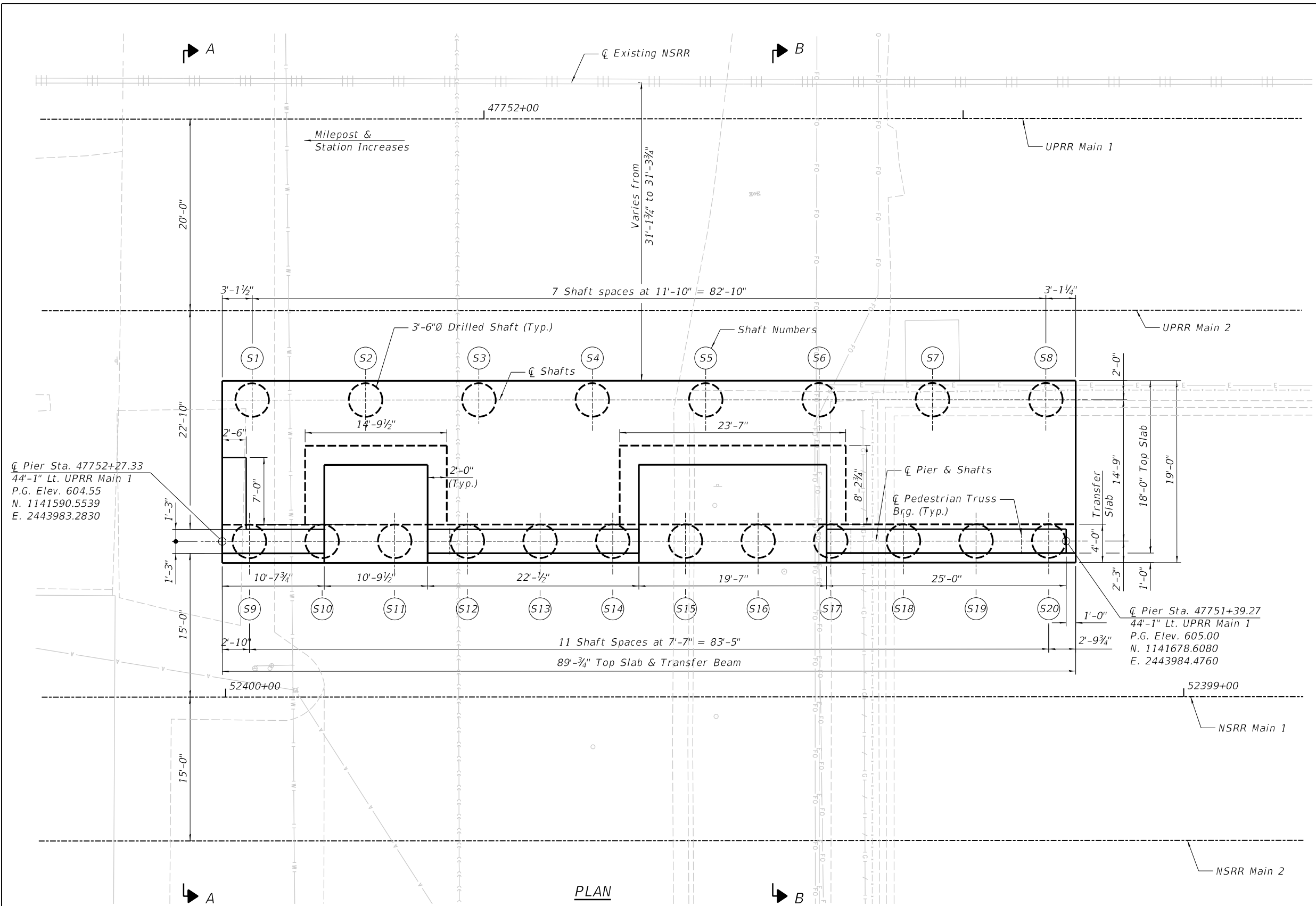
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUBSURFACE DATA PROFILE
RETAINING WALLS - JEFFERSON STREET**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	423
CONTRACT NO.			93762	

SHEET NO. 32 OF 32 SHEETS

ILLINOIS FED. AID PROJECT



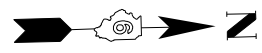
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 44'-1" Lt. UPRR Main 1
 P.G. Elev. 604.55
 N. 1141590.5539
 E. 2443983.2830

C Pier Sta. 47751+39.27
 44'-1" Lt. UPRR Main 1
 P.G. Elev. 605.00
 N. 1141678.6080
 E. 2443984.4760



SIGNATURE
 11/1/2021
 DATE
 LIC. EXP. DATE : 11/30/22

PLAN

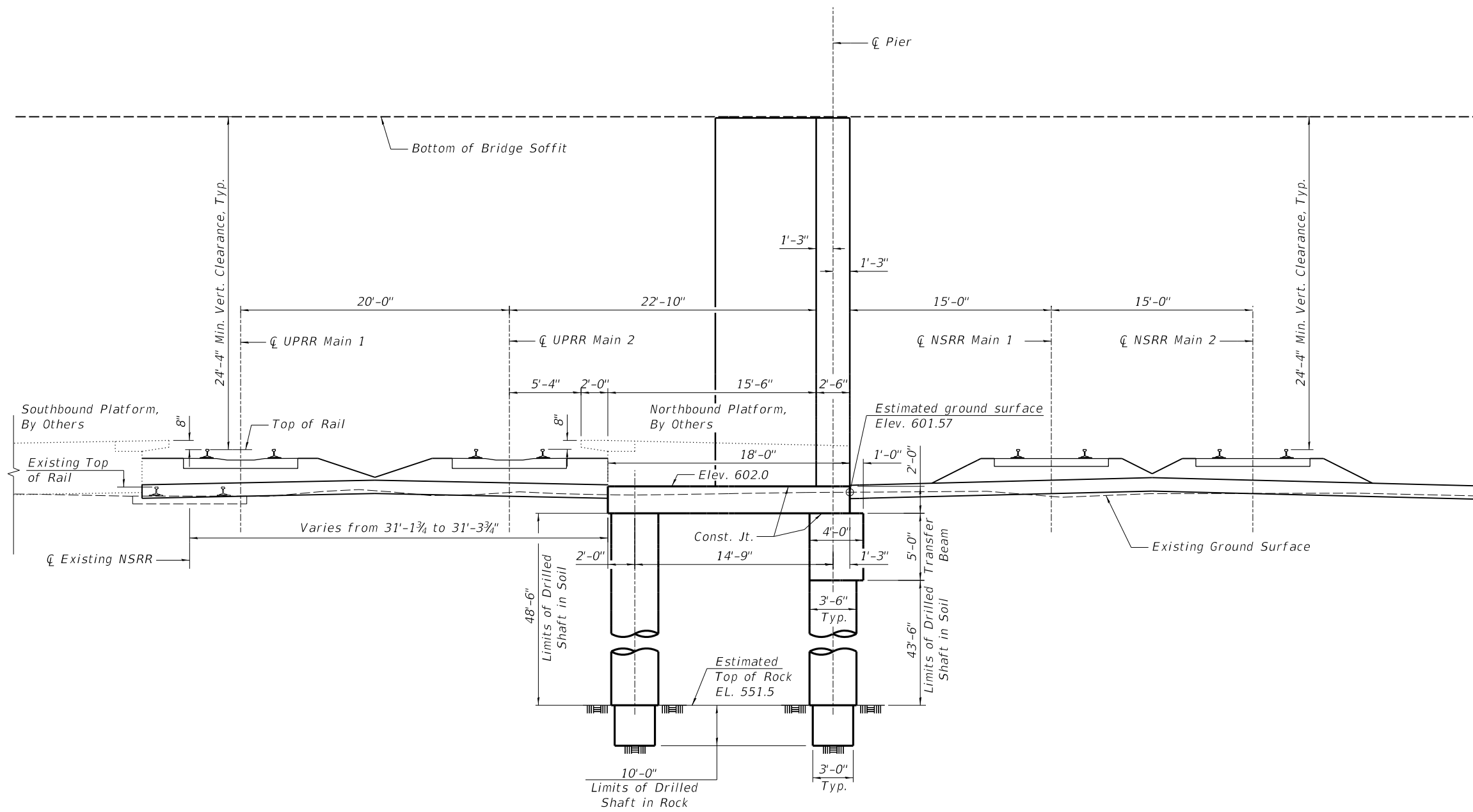


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	PLOT DATE = 11/1/2021	DRAWN - RSJ	REVISED -
		CHECKED - MNM	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRANSPORTATION CENTER PIER
 PLAN
 SHEET NO. 1 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	424
CONTRACT NO. 93762			ILLINOIS FED. AID PROJECT	



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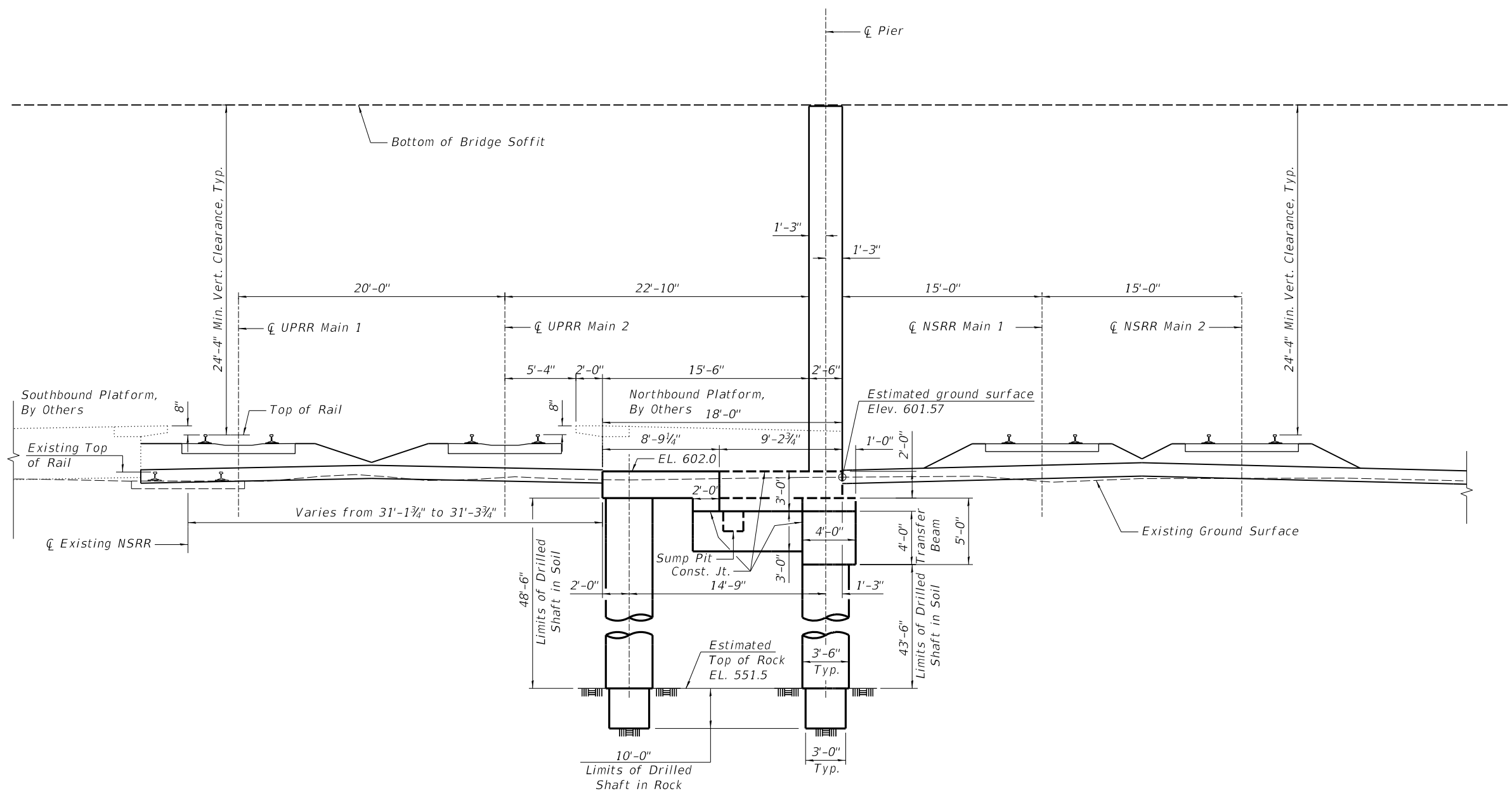
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSPORTATION CENTER PIER
SECTION A-A

SHEET NO. 2 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	425
CONTRACT NO.			93762	

ILLINOIS FED. AID PROJECT



SECTION B-B
(Looking North)

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USER NAME = Johns00944	DESIGNED - MNM	REVISD -
	CHECKED - CGP	REVISD -
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PLOT DATE = 11/1/2021	CHECKED - JGT	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

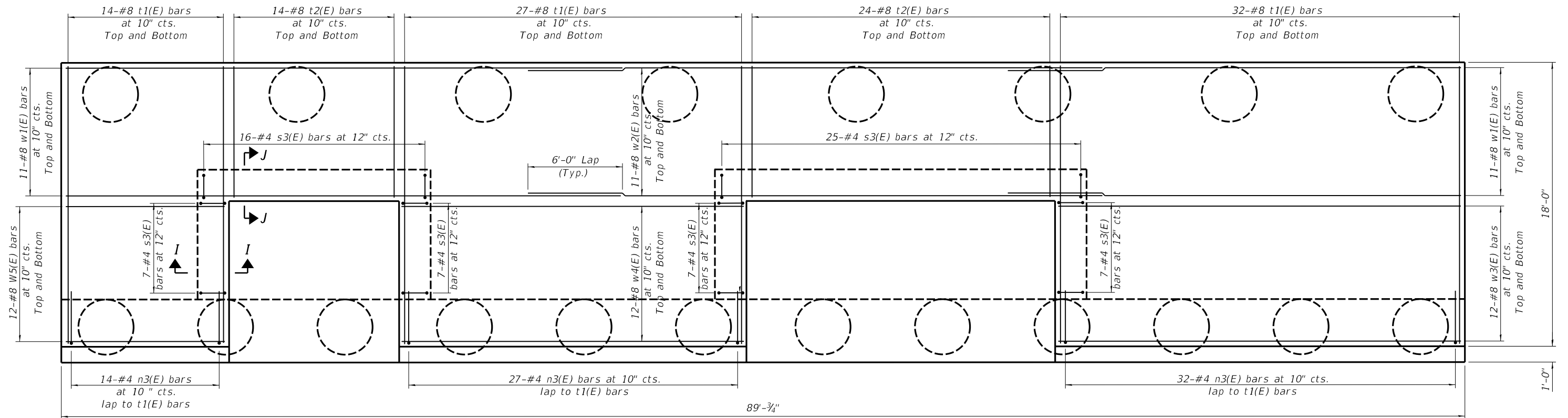
TRANSPORTATION CENTER PIER
SECTION B-B

SHEET NO. 3 OF 8 SHEETS

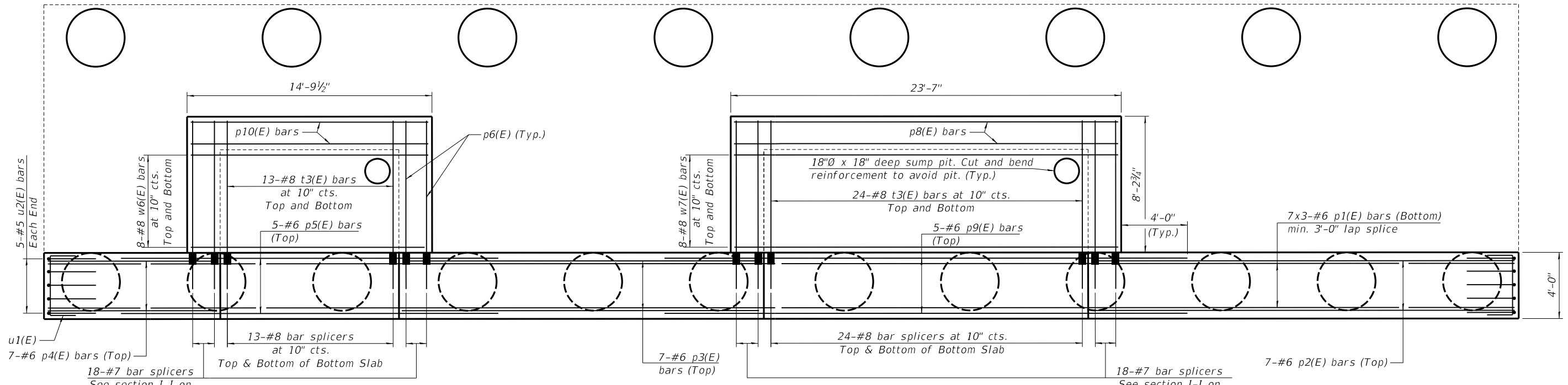
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67,67A	20-00491-00-BR	SANGAMON	509	426
CONTRACT NO.			93762	
ILLINOIS FED. AID PROJECT				

Notes:

Bars indicated thus 7x3-#6 etc. indicates 7 lines of bars with 3 lengths per line.
 For bar list and Bill of Material, See Sheet 7 of 8.
 See Section I-I for p6(E) bar layout.
 See Section J-J for p8(E) & p10(E) bar layout.



TOP SLAB REINFORCEMENT PLAN
 (Walls not shown for clarity.)



BOTTOM SLAB AND TRANSFER BEAM REINFORCEMENT PLAN
 (Walls and top slab not shown for clarity.)

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USER NAME =	Johns00944
PLOT SCALE =	6:4.8000 ' / in.
PLOT DATE =	11/1/2021

DESIGNED -	MNM
CHECKED -	CGP
DRAWN -	RSJ
CHECKED -	JGT

REVISED -	
REVISED -	
REVISED -	
REVISED -	

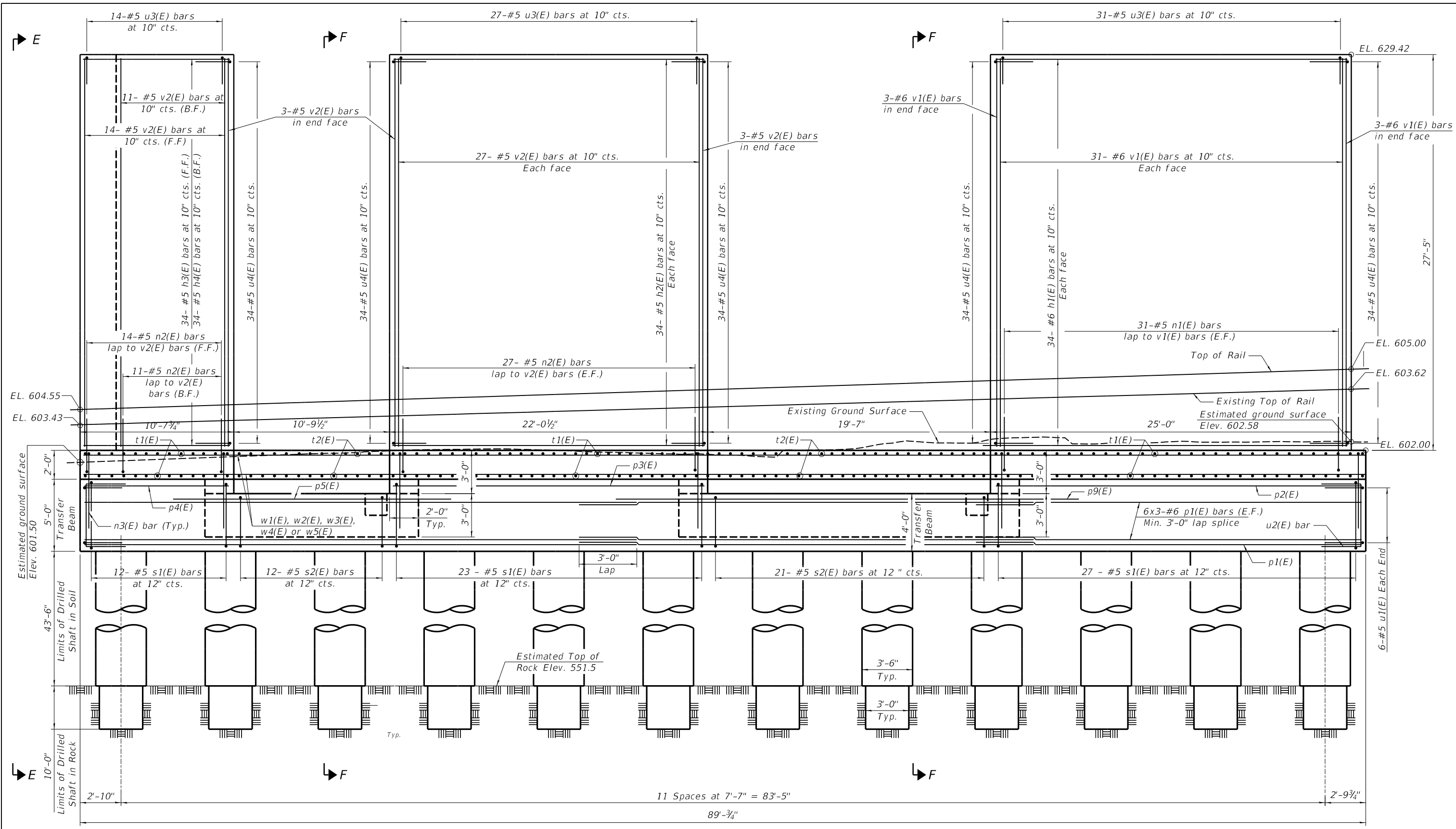
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRANSPORTATION CENTER PIER
 PIER DETAILS 1**

SHEET NO. 4 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	427
			CONTRACT NO. 93762	

ILLINOIS FED. AID PROJECT



ELEVATION
(Looking West)

Notes:
 Bars indicated thus 6x3-#6 etc. indicates 6 line of bars with 3 lengths per line.
 For bar list and Bill of Material, See Sheet 7 of 8

	USER NAME = Johns00944	DESIGNED - MNM	REVISED -
	PLOT SCALE = 6:4.8000 't' / in.	CHECKED - CGP	REVISED -
	PLOT DATE = 11/1/2021	DRAWN - RSJ	REVISED -
		CHECKED - JGT	REVISED -

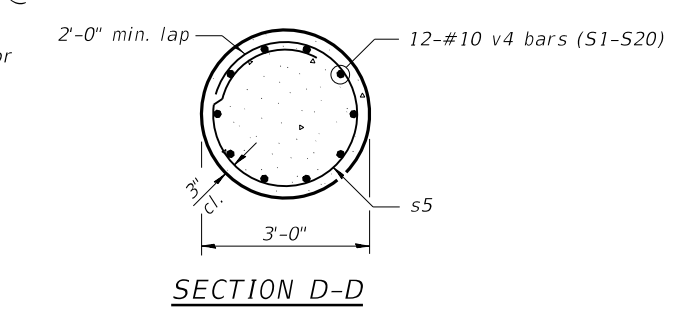
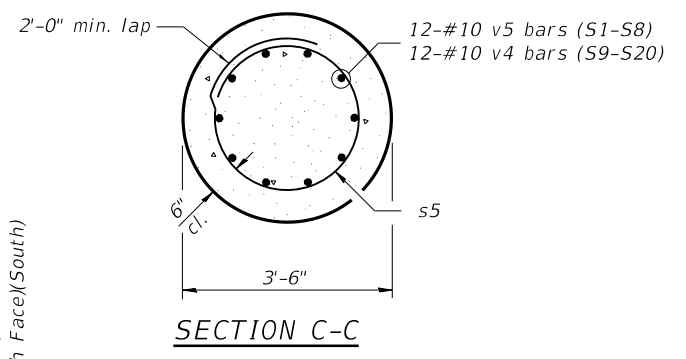
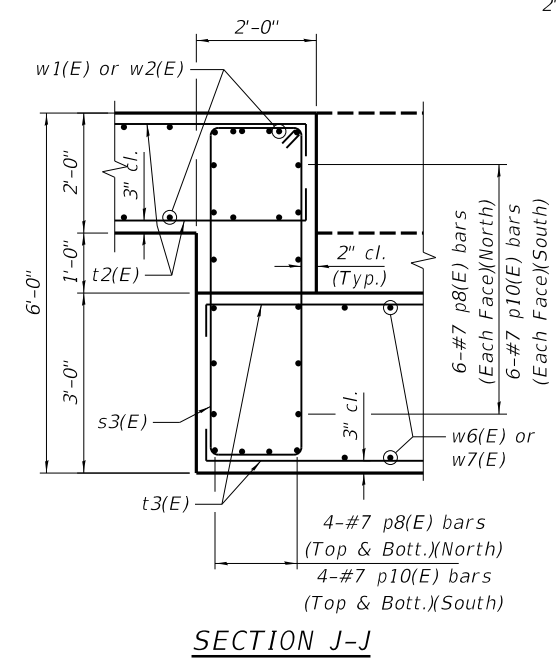
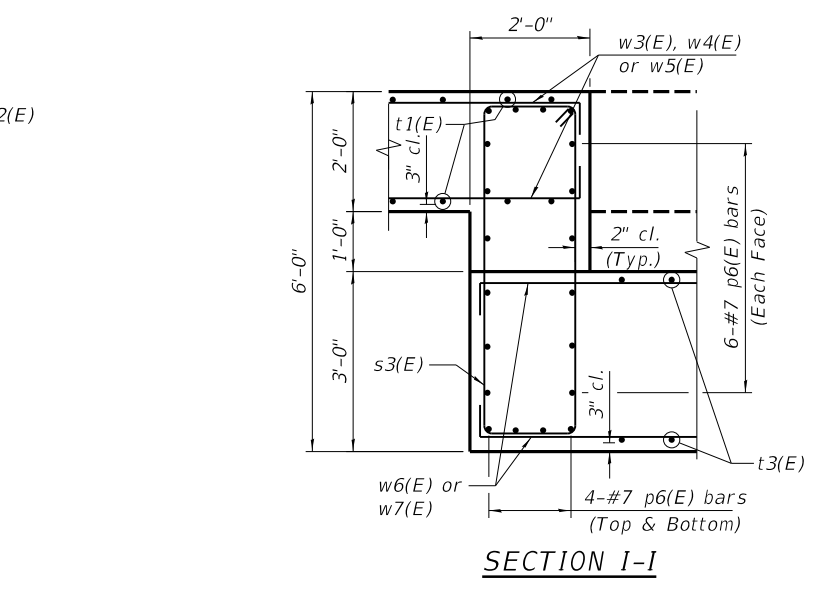
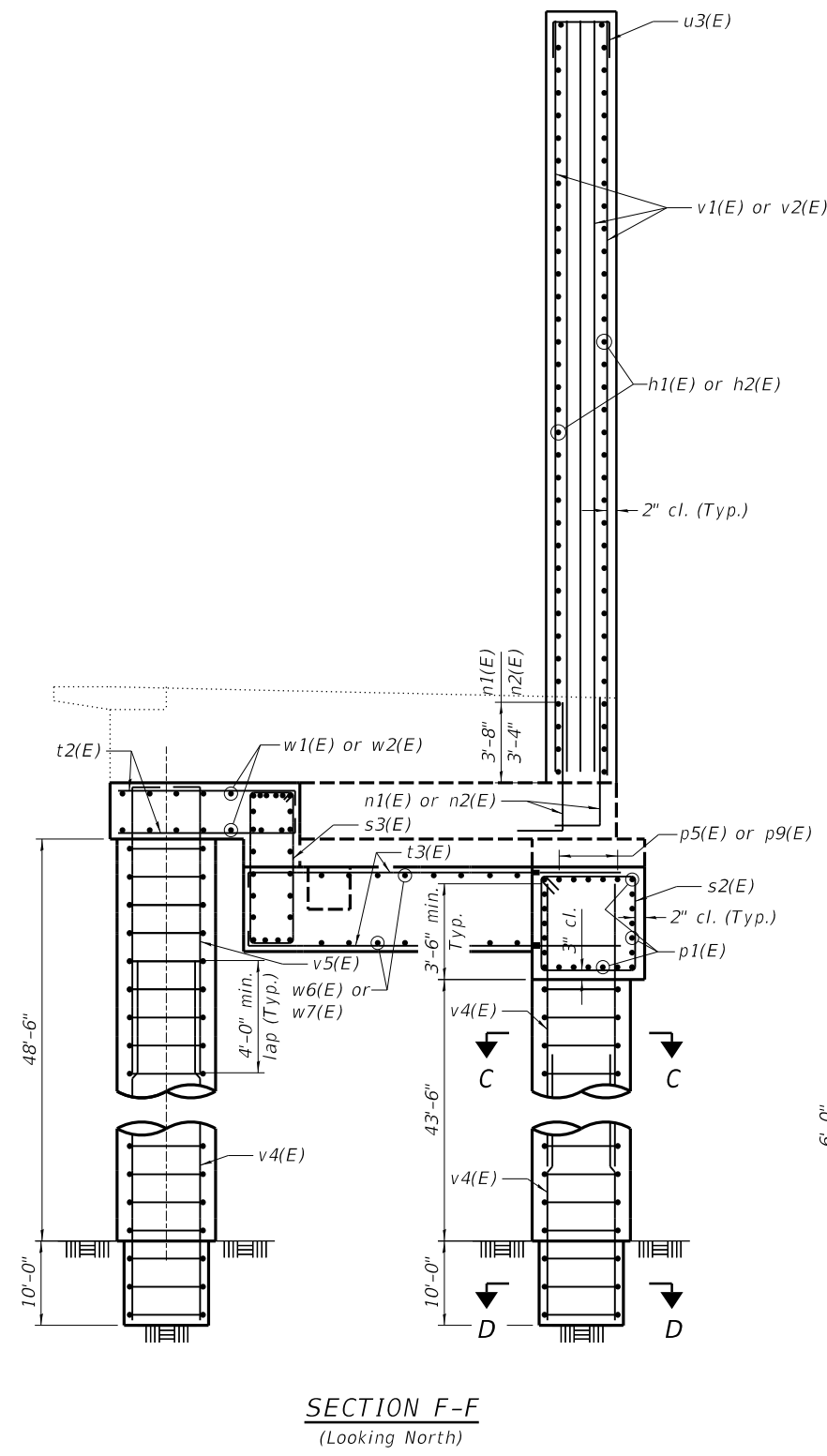
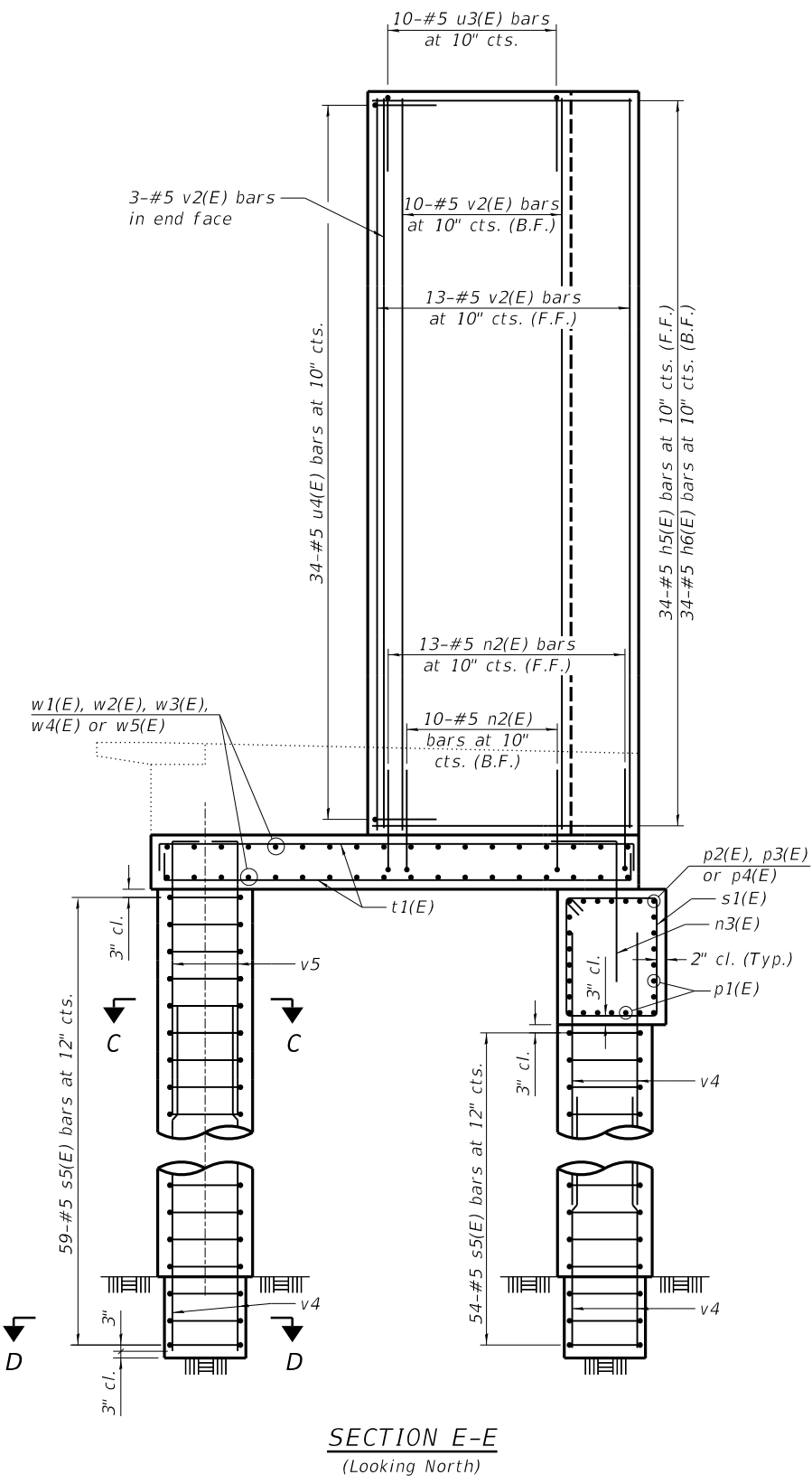
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRANSPORTATION CENTER PIER
PIER DETAILS 2

SHEET NO. 5 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	428
CONTRACT NO.			93762	

ILLINOIS FED. AID PROJECT



	USER NAME = Johns00944	DESIGNED - MNM	REVISED -
	PLOT SCALE = 64.8000 't' / in.	CHECKED - CGP	REVISED -
	PLOT DATE = 11/1/2021	DRAWN - RSJ	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

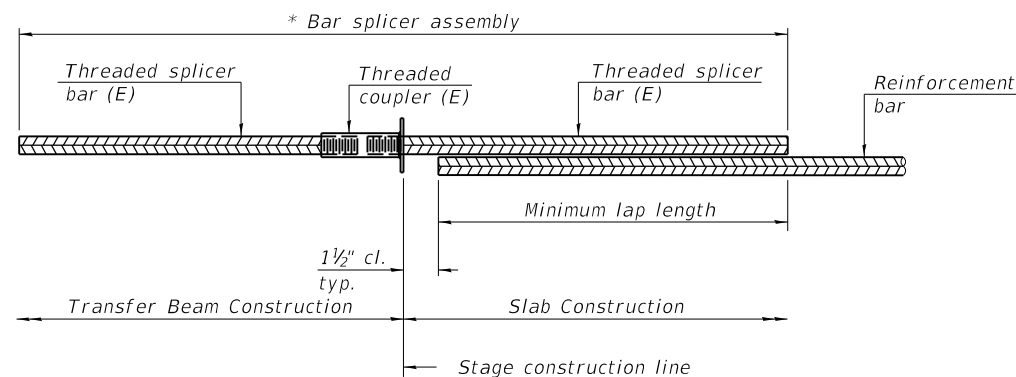
**TRANSPORTATION CENTER PIER
PIER DETAILS 3**

SHEET NO. 6 OF 8 SHEETS

F.A.P. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 429
CONTRACT NO. 93762			ILLINOIS FED. AID PROJECT	

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h1(E)	68	#6	24'-8"	—
h2(E)	68	#5	21'-8"	—
h3(E)	34	#5	10'-3"	—
h4(E)	34	#5	8'-3"	—
h5(E)	34	#5	9'-8"	—
h6(E)	34	#5	7'-8"	—
n1(E)	62	#6	5'-2"	┌
n2(E)	102	#5	4'-8"	┌
n3(E)	73	#8	6'-10"	┌
p1(E)	57	#6	31'-9"	—
p2(E)	7	#6	25'-8"	—
p3(E)	7	#6	21'-8"	—
p4(E)	7	#6	10'-3"	—
p5(E)	5	#6	18'-11"	—
p6(E)	80	#7	9'-1"	┌
p8(E)	20	#7	25'-7"	┌
p9(E)	5	#6	27'-7"	—
p10(E)	20	#7	16'-9"	┌
s1(E)	62	#5	17'-5"	□
s2(E)	33	#5	15'-5"	□
s3(E)	69	#4	15'-3"	□
s5	1120	#5	9'-9"	○
t1(E)	146	#8	20'-4"	┌
t2(E)	76	#8	11'-1"	┌
t3(E)	74	#8	9'-3"	┌
u1(E)	12	#5	5'-7"	┌
u2(E)	10	#5	6'-6"	┌
u3(E)	82	#5	4'-2"	┌
u4(E)	204	#5	4'-1"	┌
v1(E)	68	#6	27'-1"	—
v2(E)	114	#5	27'-1"	—
v4	384	#10	30'-6"	—
v5	96	#10	35'-4"	—
w1(E)	44	#8	34'-11"	┌
w2(E)	22	#8	33'-7"	┌
w3(E)	24	#8	28'-2"	┌
w4(E)	24	#8	24'-4"	┌
w5(E)	24	#8	12'-11"	┌
w6(E)	16	#8	17'-1"	┌
w7(E)	16	#8	25'-11"	┌
Structure Excavation		Cu. Yd.	270	
Concrete Structures		Cu. Yd.	364.7	
Reinforcement Bars		Pound	76,380	
Reinforcement Bars, Epoxy Coated		Pound	48,340	
Bar Splicers		Each	146	
Drilled Shaft in Soil		Cu. Yd.	324.3	
Drilled Shaft in Rock		Cu. Yd.	52.3	
Concrete Sealer		Sq. Ft.	4,226	

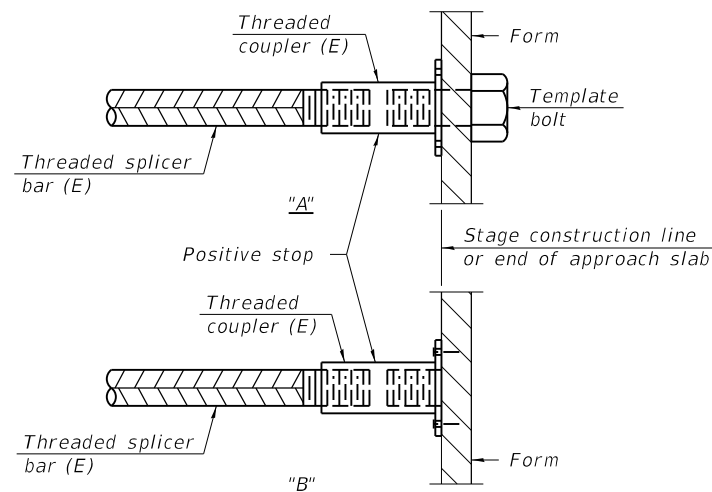


STANDARD BAR SPLICER ASSEMBLY PLAN
(All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
North Bottom Slab	8	48	5'-0"
South Bottom Slab	8	26	5'-0"
North End of North Bottom Slab	7	18	4'-4"
South End of North Bottom Slab	7	18	4'-4"
North End of South Bottom Slab	7	18	4'-4"
South End of South Bottom Slab	7	18	4'-4"

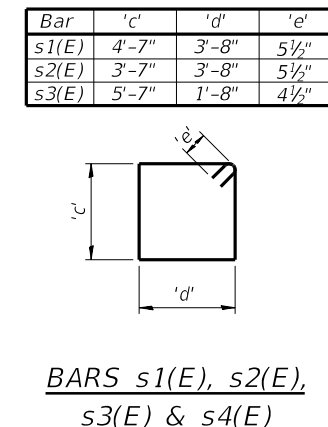
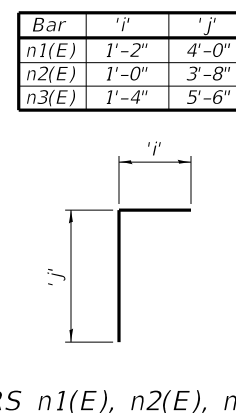
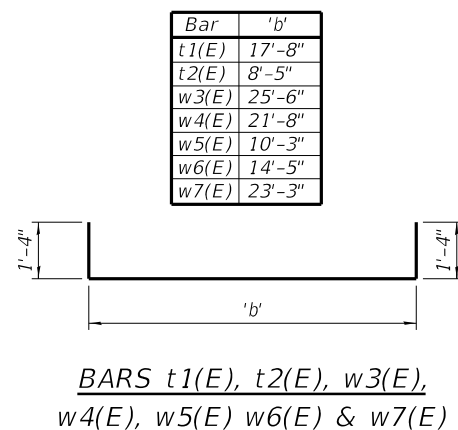
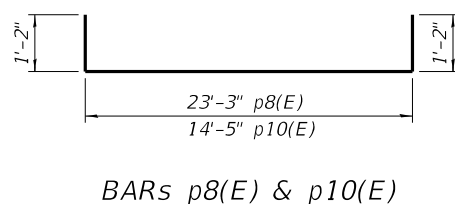
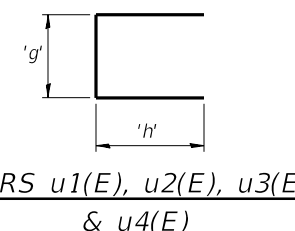
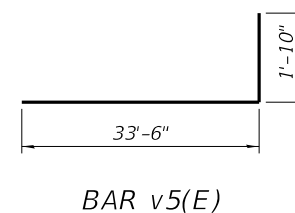
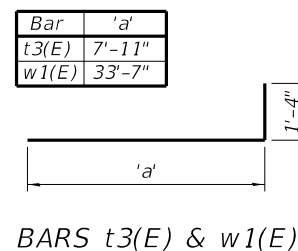
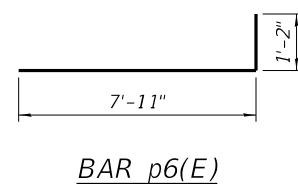


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.

Notes:
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
All reinforcement shall be lapped and tied to the splicer bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
See approved list of bar splicer assemblies and mechanical splicers for alternatives.

Bar	'g'	'h'
u1(E)	3'-7"	1'-0"
u2(E)	4'-6"	1'-0"
u3(E)	2'-2"	1'-0"
u4(E)	2'-1"	1'-0"



B-5
Sta. 47751+54, 106' LT
06/05/2020

Depth (ft)	N	Qu	w%	Notes
601.7				
601.5				
600.7	5	33		2 1/2-inch Bituminous CONCRETE.
598.7	6	1.0	30	10-inch Crushed AGGREGATE.
595.7	6		26	LEAN CLAY (CL), STIFF, BLACK, moist.
592.7	5	0.8	33	LEAN CLAY (CL), STIFF, TAN, GRAY, moist.
590.7	3	0.6	27	SILTY CLAY (CL-ML), STIFF, LIGHT GRAY, TAN, moist.
Oh	4	1.0	26	LEAN CLAY (CL), FIRM, LIGHT GRAY, OLIVE GREEN, moist.
585.7				DD
581.7	7	1.0	28	*PETROLEUM ODOR
	13	2.3	22	LEAN CLAY (CL), FIRM TO STIFF, GRAY, TAN, moist.
573.7	11	2.3	20	LEAN CLAY (CL), VERY STIFF, GRAY, TAN, moist.
	20	3.3	20	- TRACE GRAVEL
	17	2.7	17	
557.2	35	2.9	15	CLAY SHALE, EXTREMELY SOFT, GRAY.
553.7			13	SANDY SHALE, WEATHERED, SOFT TO MEDIUM HARD, GRAY.
	50/6"			
	149M			
	424M			
	197M			
	424M			
543.0				Bottom of Hole = 58.7 feet

B-2
Sta. 47751+36, 55' RT
06/05/2020

Depth (ft)	N	Qu	w%	Notes
601.4				
601.2				
600.4	16	5		3-inch Bituminous CONCRETE.
	5	21		9-inch Crushed AGGREGATE.
	23	13		MISCELLANEOUS FILL: BRICKS, RECYCLED CONCRETE.
593.4	7	1.8	26	SILTY CLAY (CL-ML), STIFF, GRAY, TAN, moist.
590.4	4	0.6	27	LEAN CLAY (CL), FIRM, TAN, GRAY, moist.
	5	0.8	26	
	5	0.6	22	- FREQUENT SAND SEAMS
578.4	25	3.0	16	LEAN CLAY (CL), VERY STIFF, BROWN, GRAY, TRACE SAND, moist.
	23	19	19	- GRAY, TRACE DECOMPOSED WOOD FRAGMENTS
	100/1"	19		- POSSIBLE COBBLE/BOULDER
DD	19	1.8	21	- TRACE GRAVEL
566.4	22	2.4	20	- GRAY, BROWN
556.9	23		19	CLAY SHALE, EXTREMELY SOFT, GRAY.
553.4	50/4"		10	SHALE, WEATHERED, SOFT TO MEDIUM HARD, GRAY
	149M			
	424M			
	197M			
	197M			
542.6				Bottom of Hole = 58.8 feet

LEGEND

- N Standard Penetration Test N (blows/ft)
- Qu Unconfined Strength (tsf)
- w% Natural Moisture Content (%)
- DD Water Surface Elevation Encountered in Boring
- Oh = during drilling
- Oh = at completion
- 24h = 24 hours after completion
- 197M Modified SPT

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	CHECKED - CGP	REVISED -
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PLOT DATE = 11/1/2021	CHECKED - JGT	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRANSPORTATION CENTER PIER
SUBSURFACE DATA PROFILE**

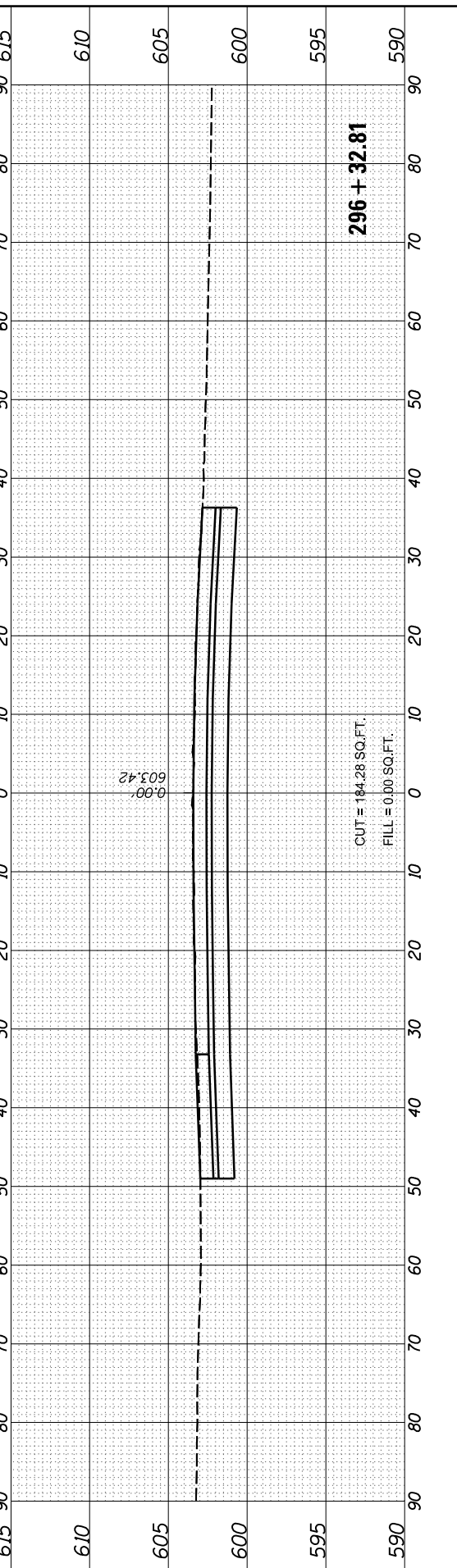
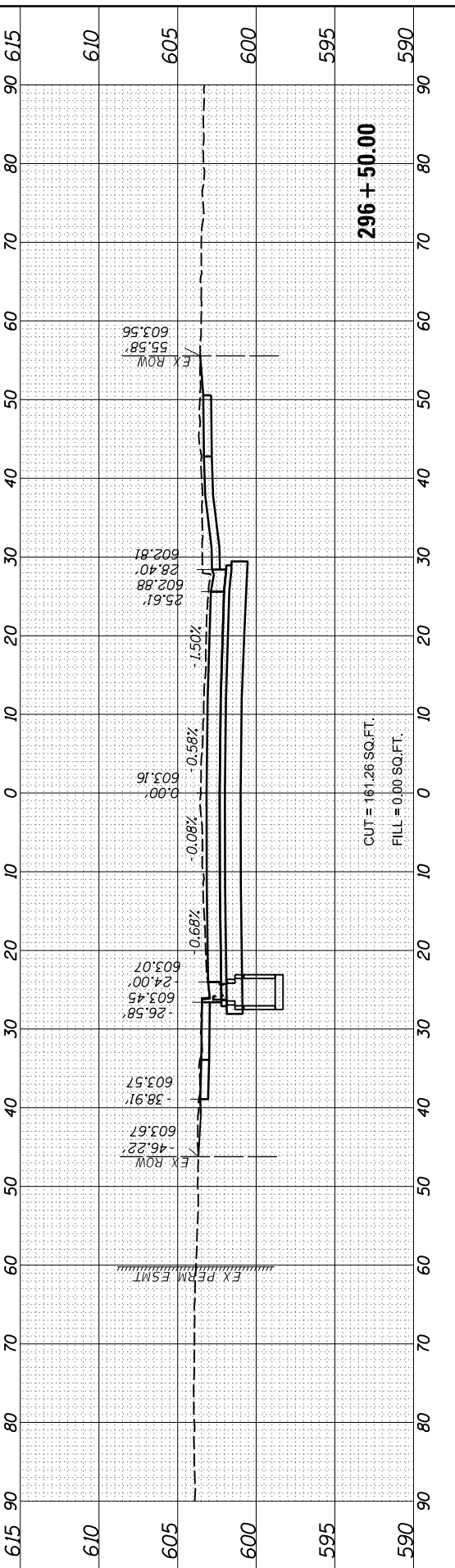
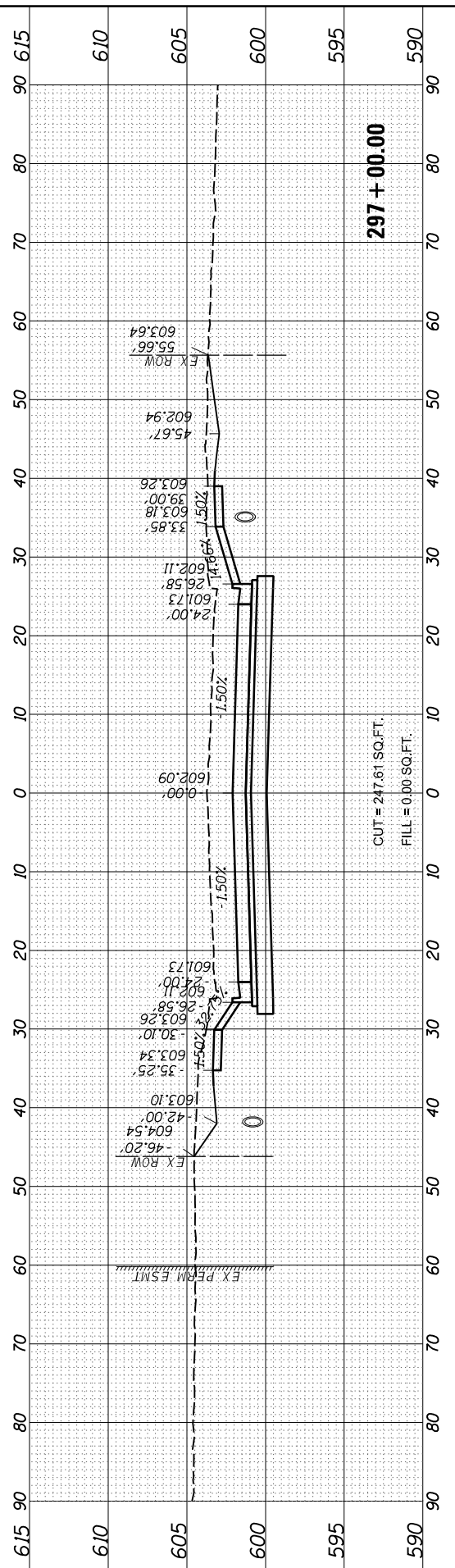
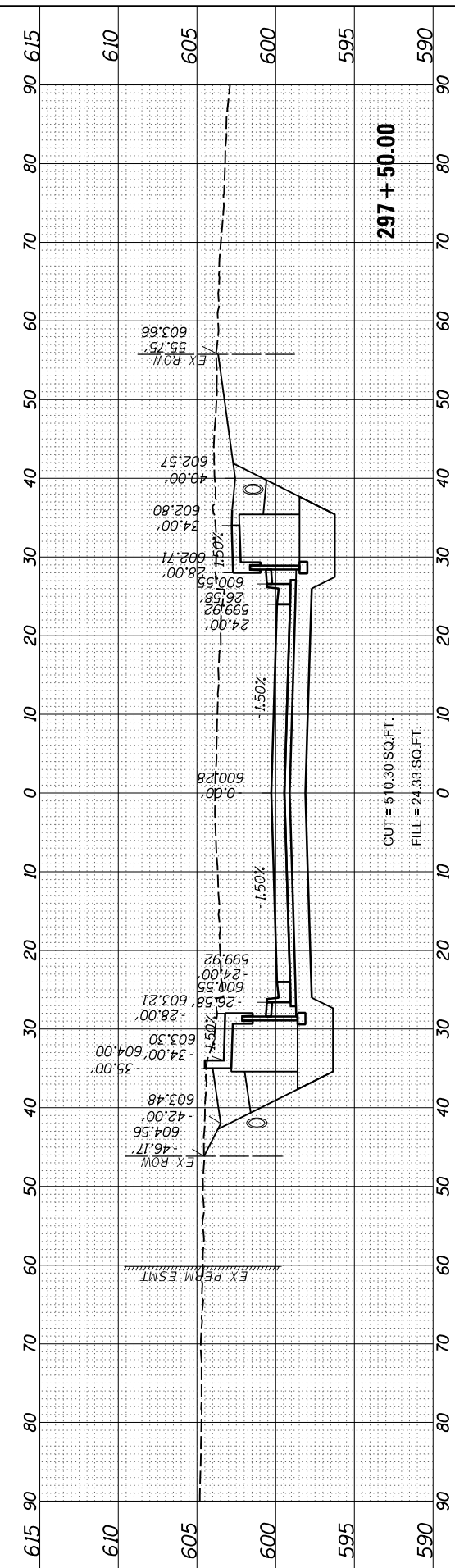
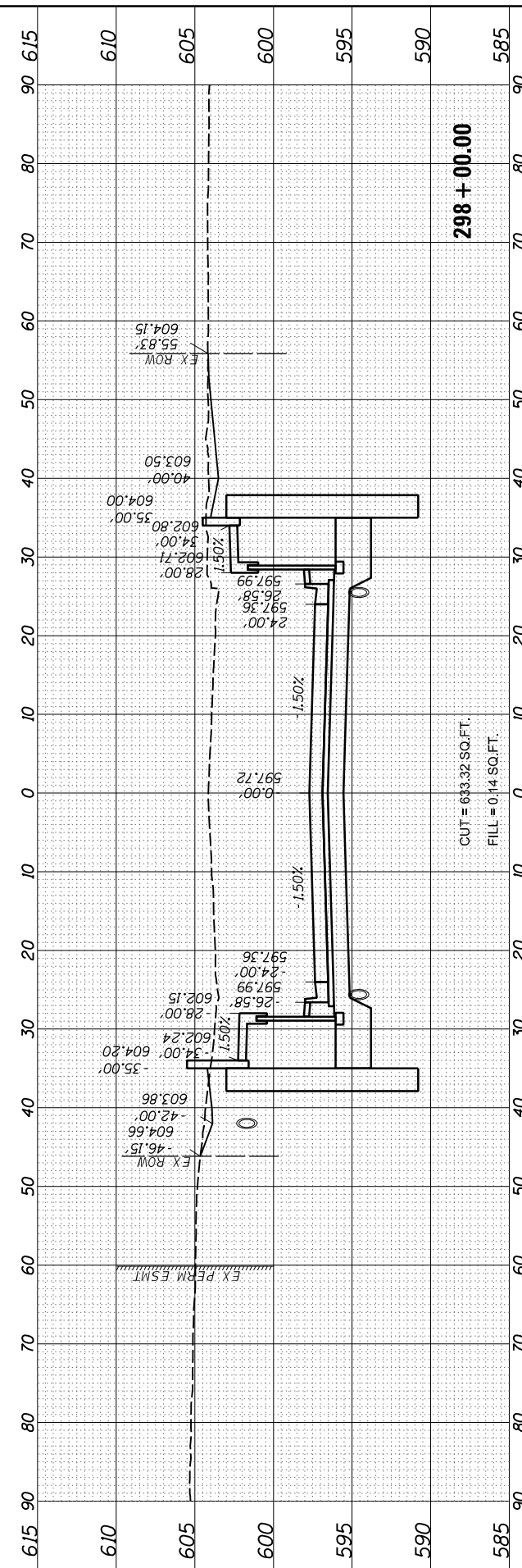
SHEET NO. 8 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	431
CONTRACT NO.			93762	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 1 OF 5 SHEETS STA. 296+32.81 TO STA. 298+00.00

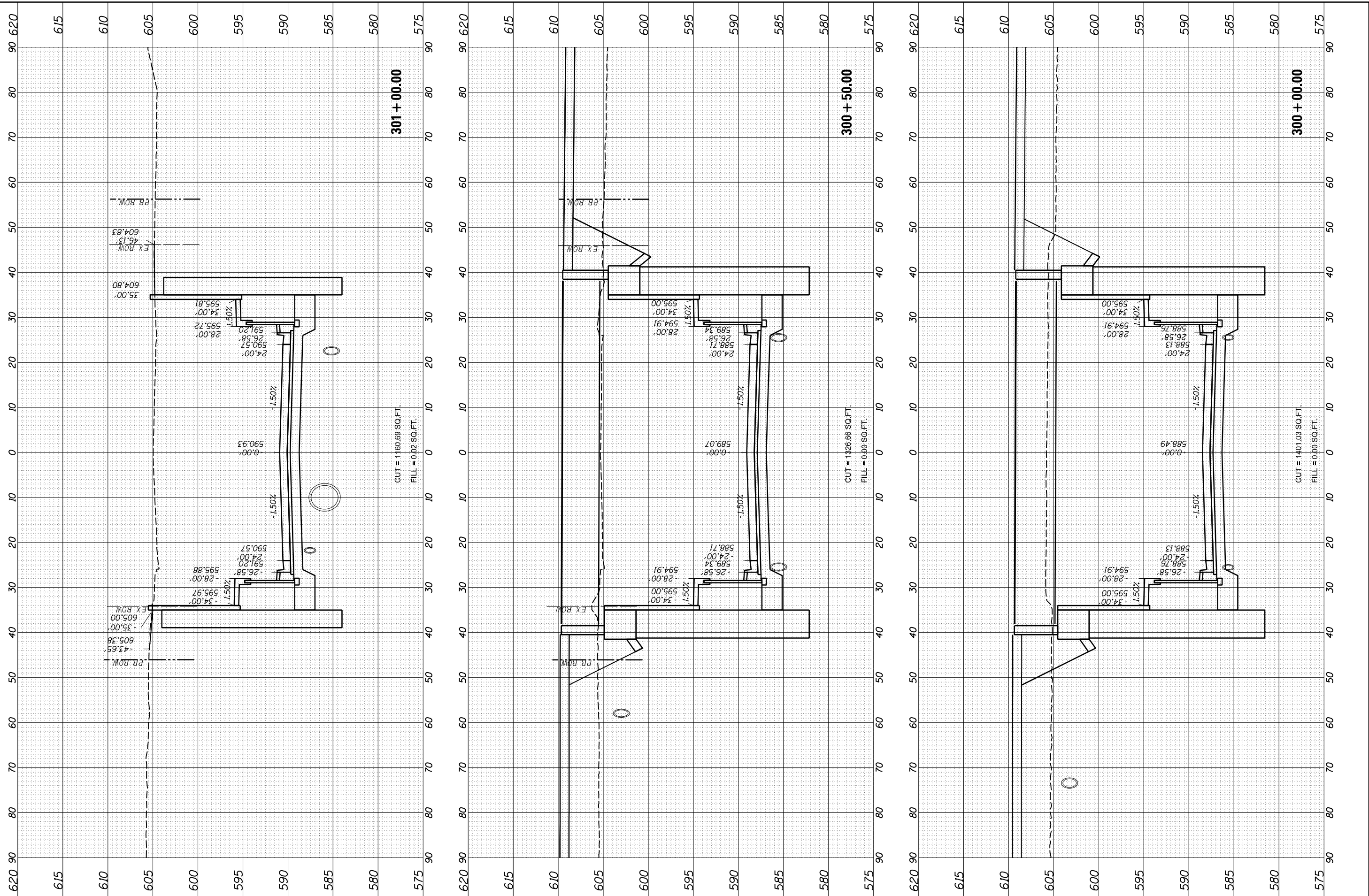
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - MADISON STREET - 1**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	432
	09L0179B	CONTRACT NO.	93762	
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - MADISON STREET - 3**

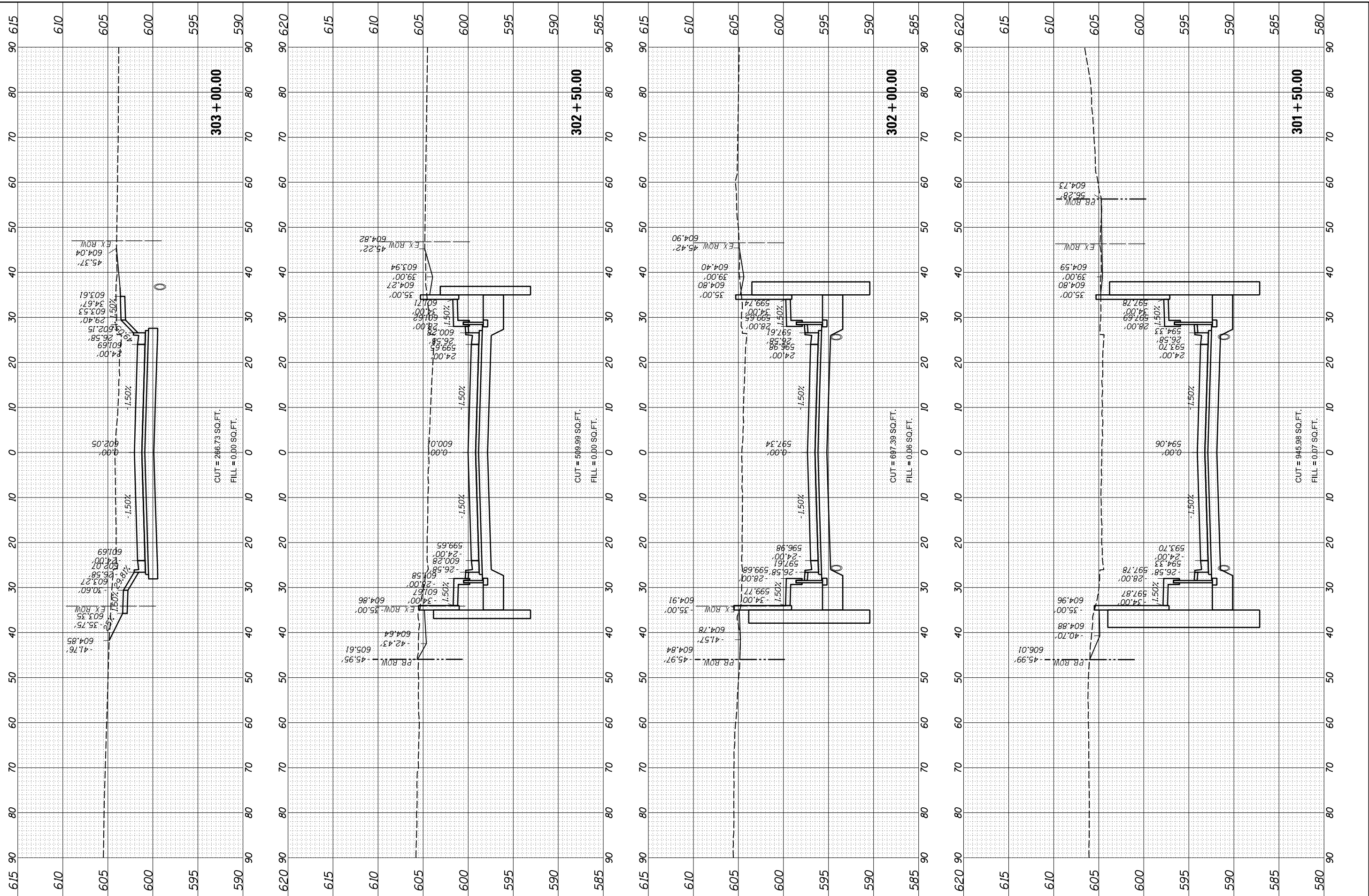
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	434
	09L0179B		CONTRACT NO.	93762
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - MADISON STREET - 4**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	435
	09L0179B	CONTRACT NO.	93762	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 4 OF 5 SHEETS STA. 301+50.00 TO STA. 303+00.00

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE
	PLOTTED AREAS		
	TEMPLATE AREAS		
	CHECKED AREAS		

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE
	PLOTTED AREAS		
	TEMPLATE AREAS		
	CHECKED AREAS		

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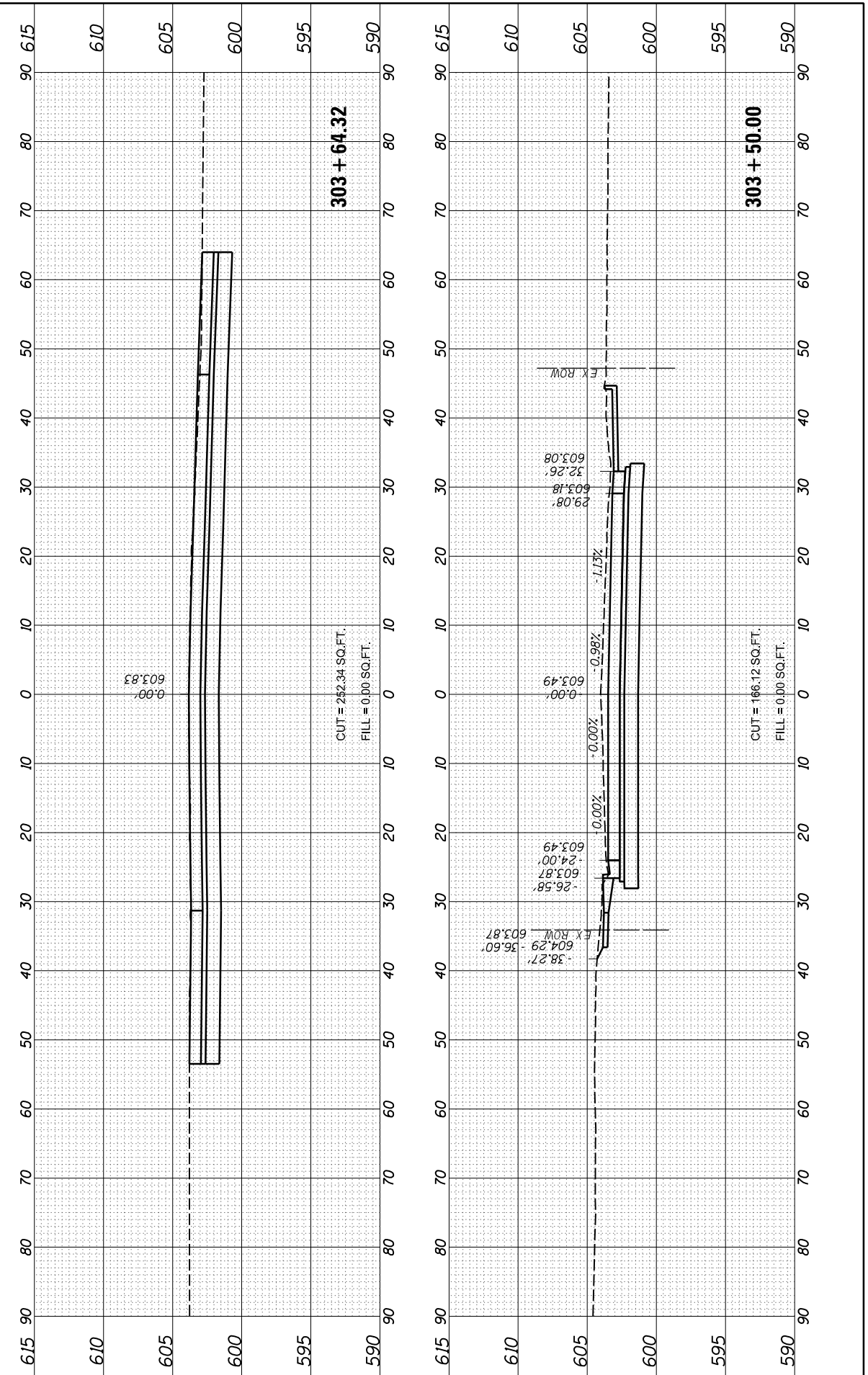
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	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - MADISON STREET - 5**

SCALE: SHEET 5 OF 5 SHEETS STA. 303+50.00 TO STA. 303+64.32

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	436
	09L0179B		CONTRACT NO. 93762	
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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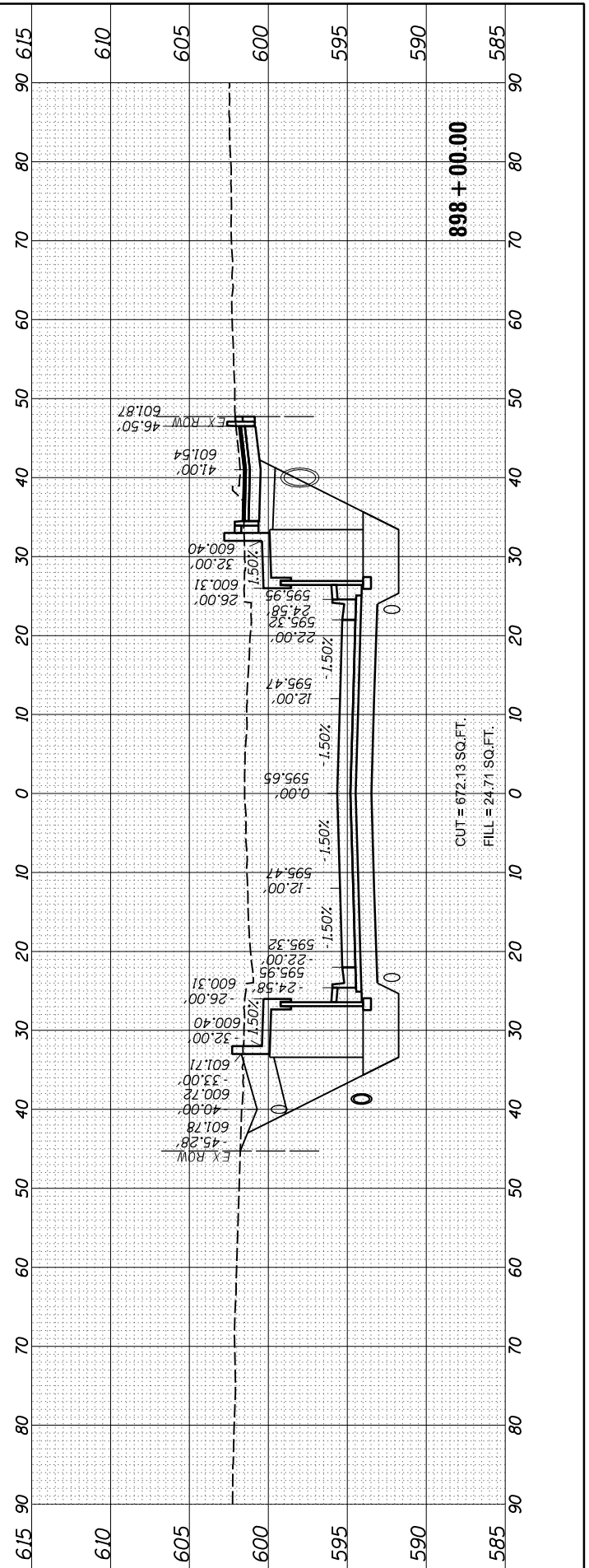
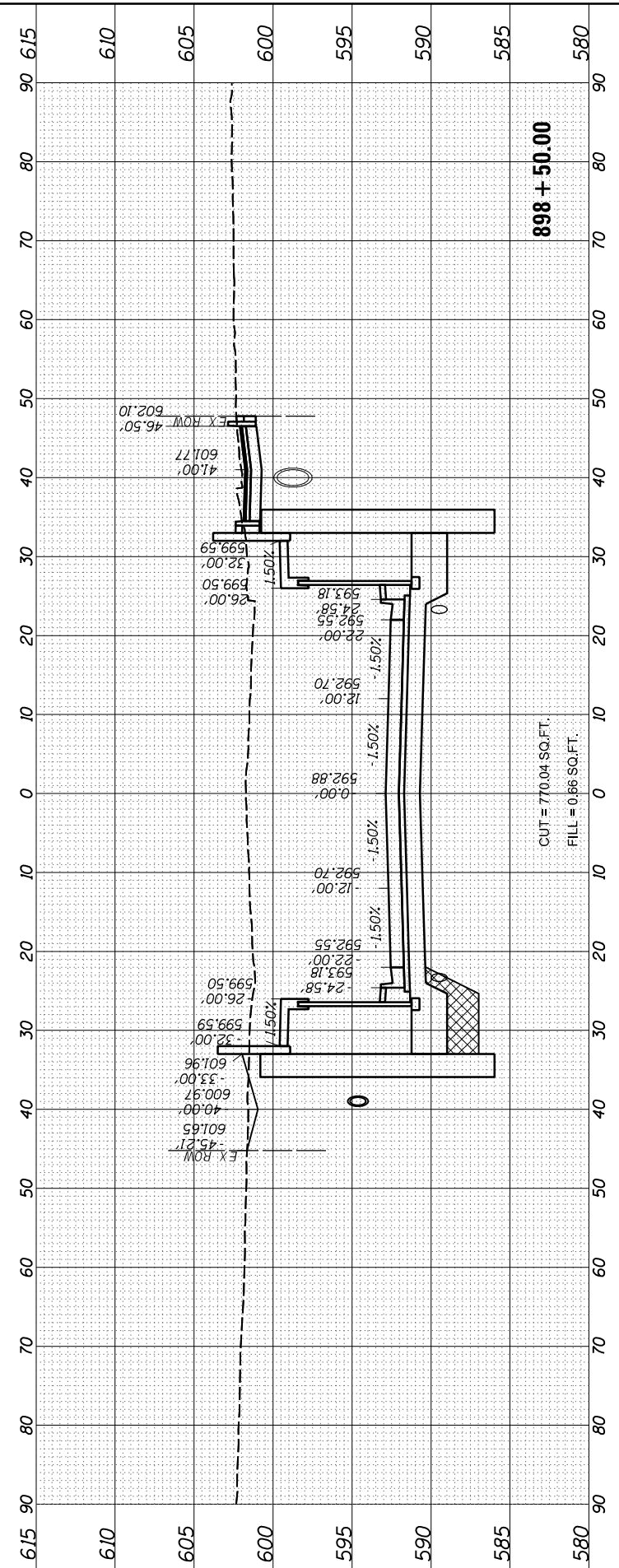
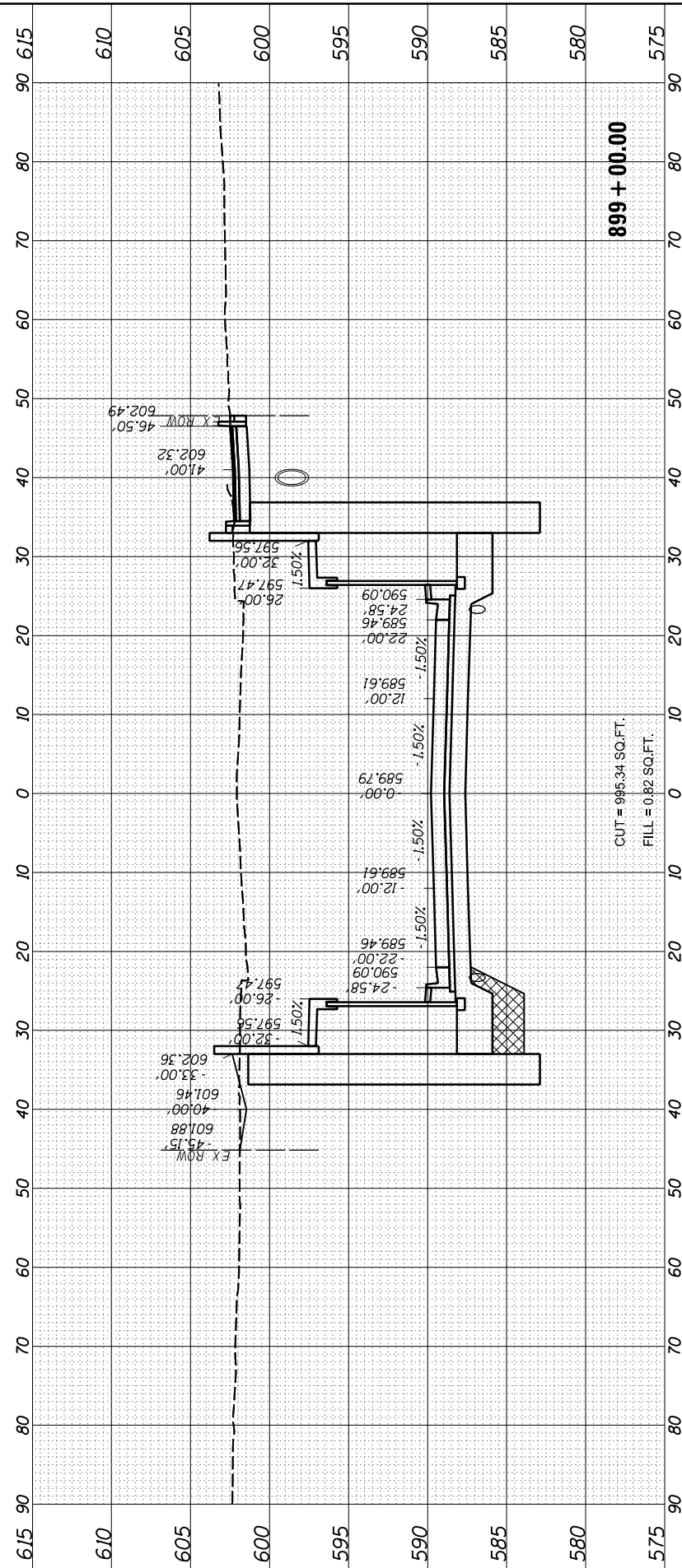
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PLOT DATE = 11/2/2021	CHECKED - SKM/MNM	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - JEFFERSON STREET - 2**

SCALE: SHEET 2 OF 5 SHEETS STA. 898+00.00 TO STA. 899+00.00

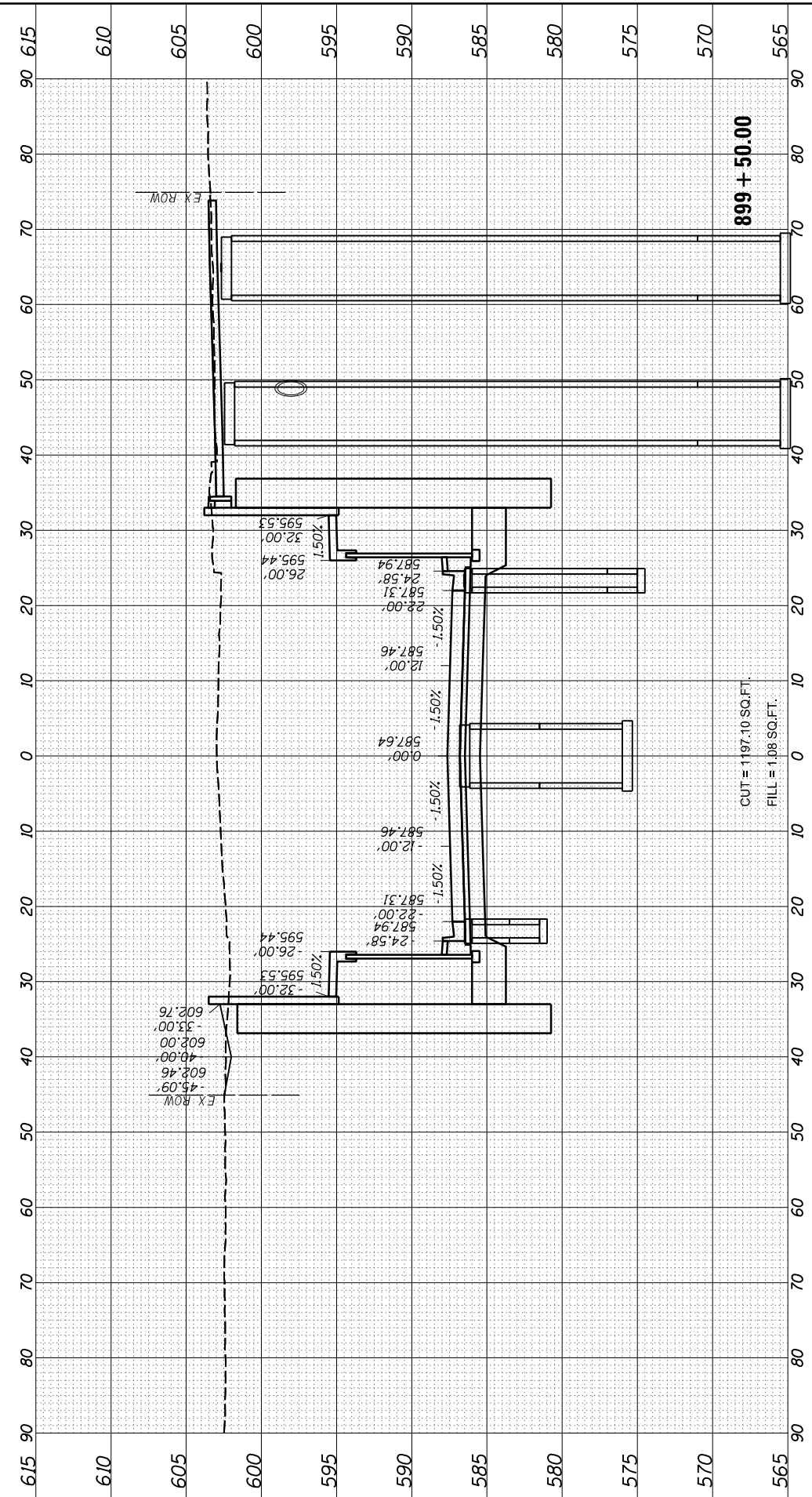
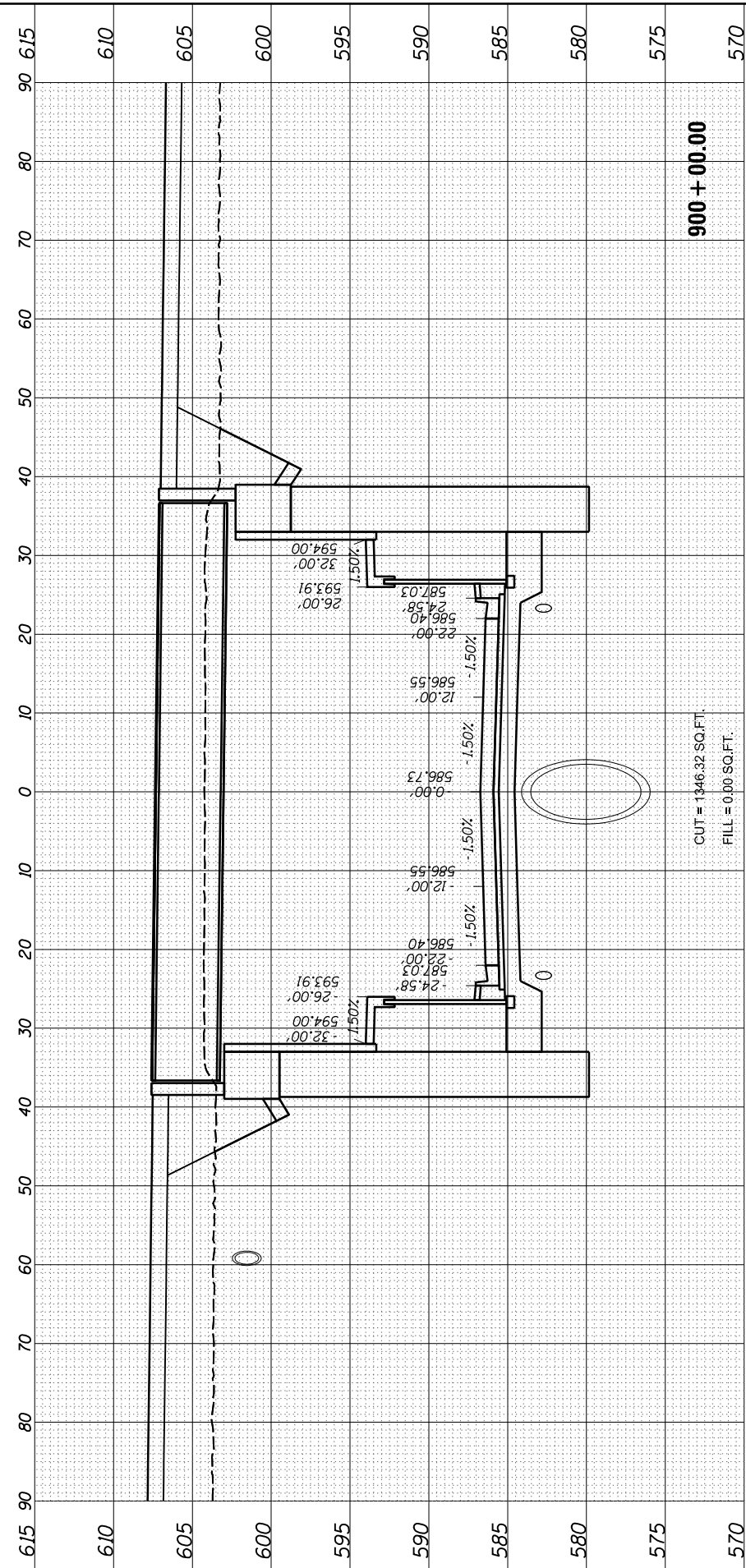
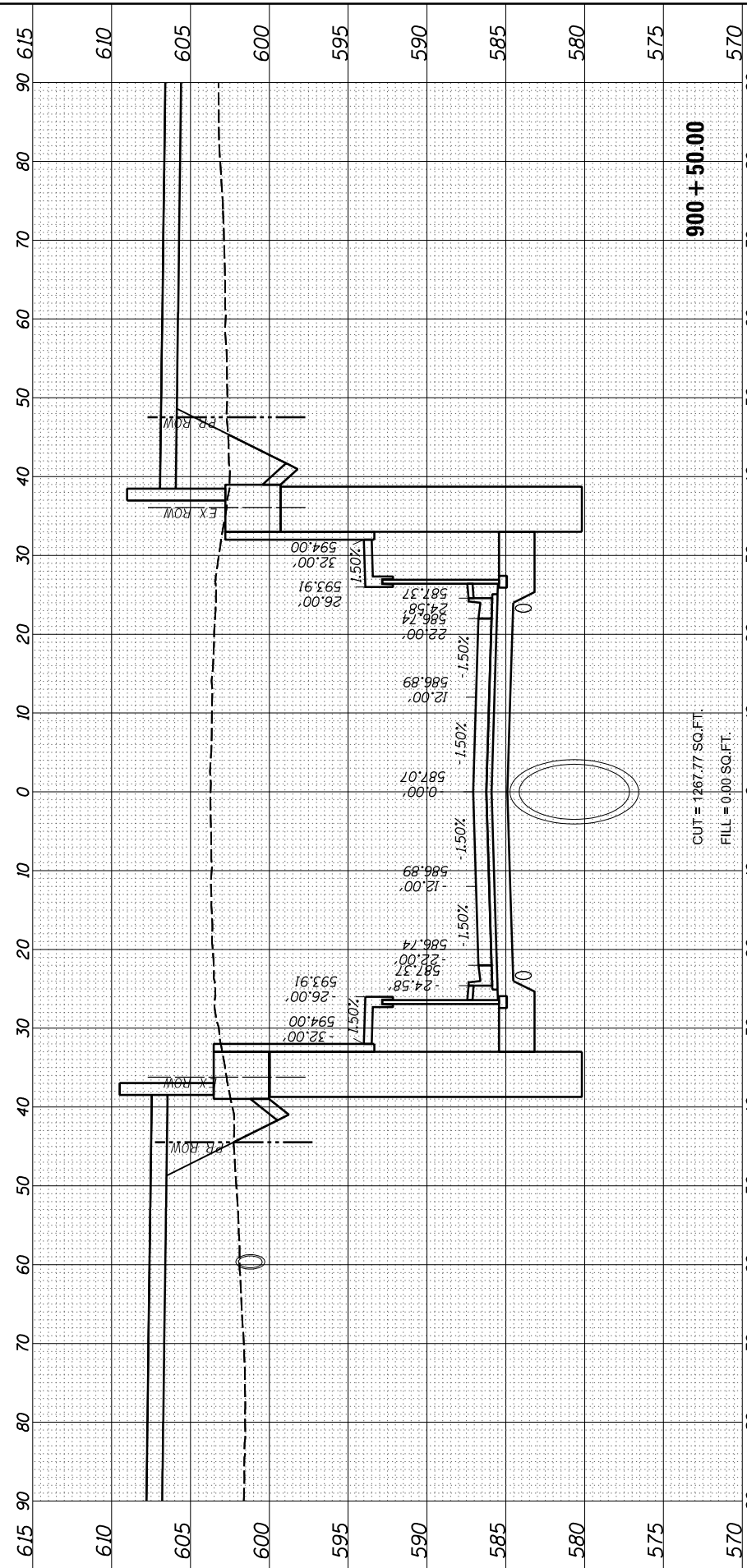
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	09L0179B		CONTRACT NO. 93762	
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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USER NAME = Johns00944	DESIGNED - SKM	REVISED -
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PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 3 OF 5 SHEETS STA. 899+50.00 TO STA. 900+50.00

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - JEFFERSON STREET - 3**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	439
	09L0179B		CONTRACT NO.	93762
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
NO.	AREAS CHECKED	

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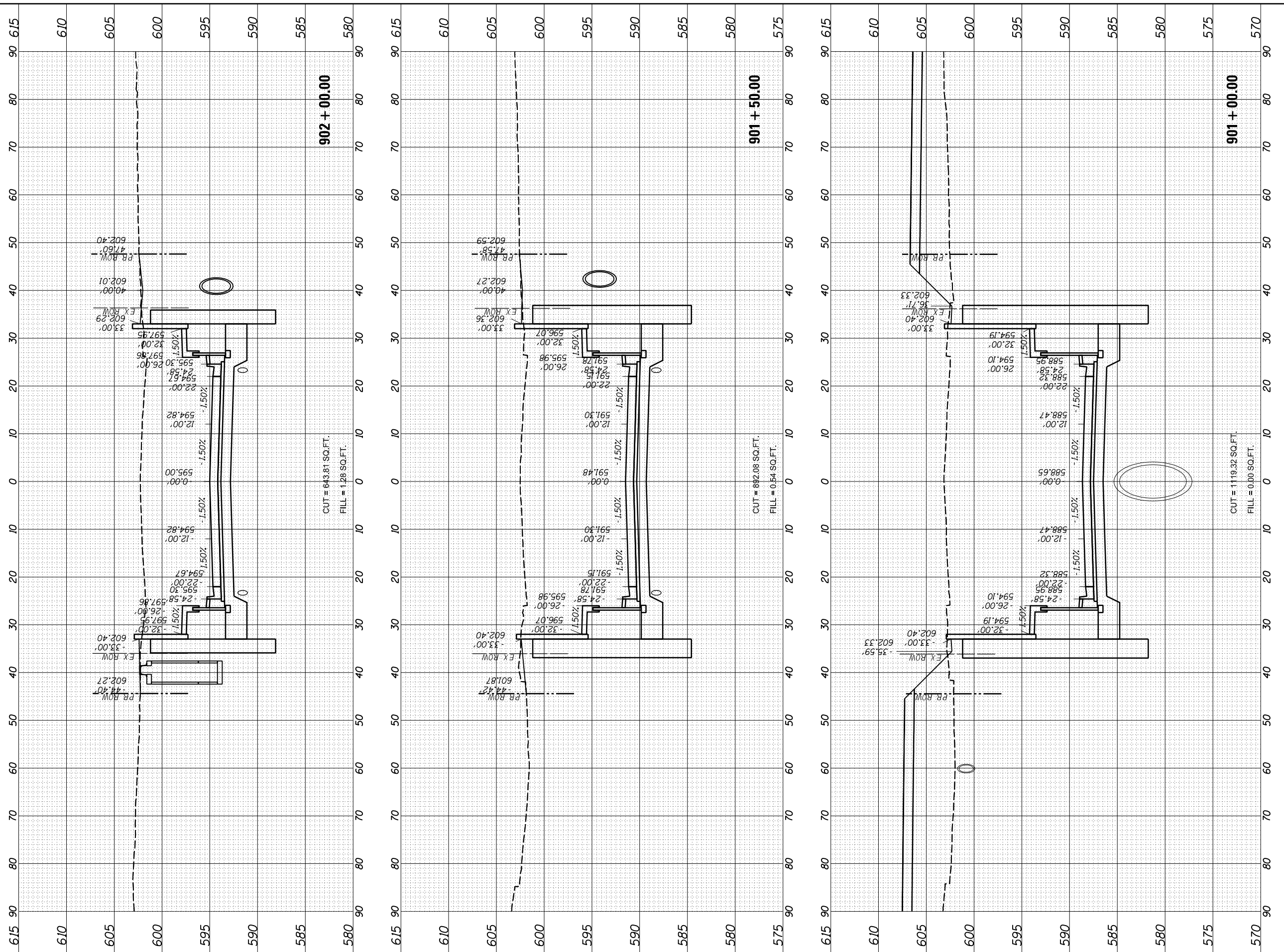
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PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - JEFFERSON STREET - 4**

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 440
09L0179B		CONTRACT NO. 93762	ILLINOIS FED. AID PROJECT	

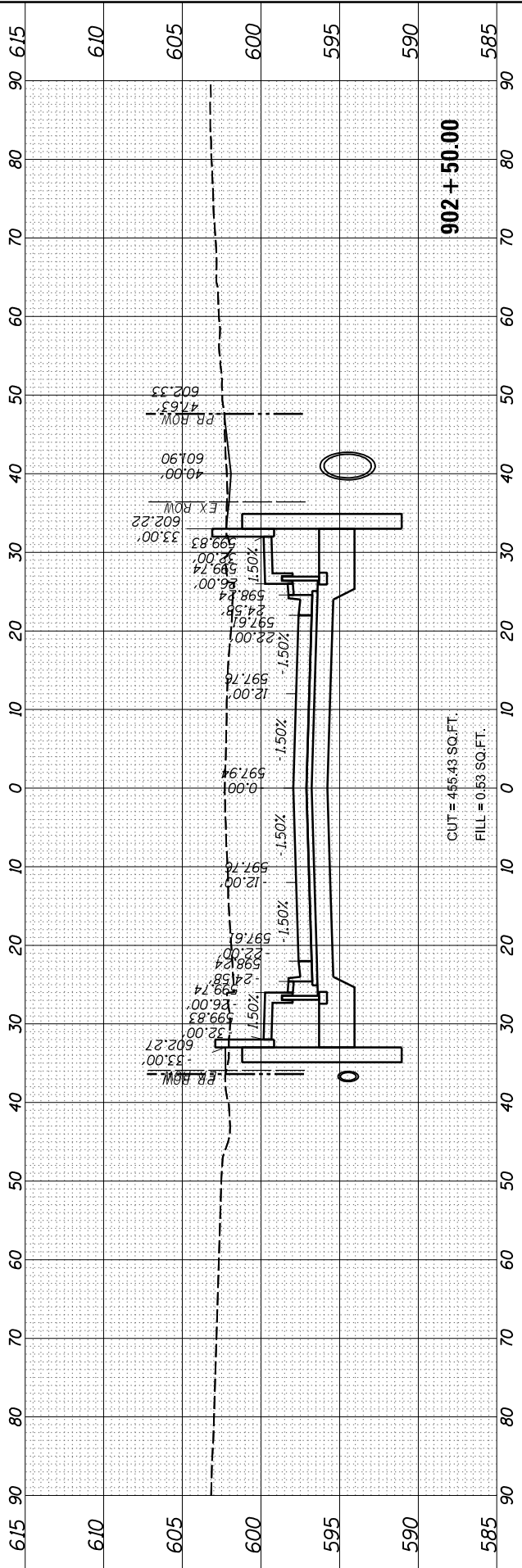
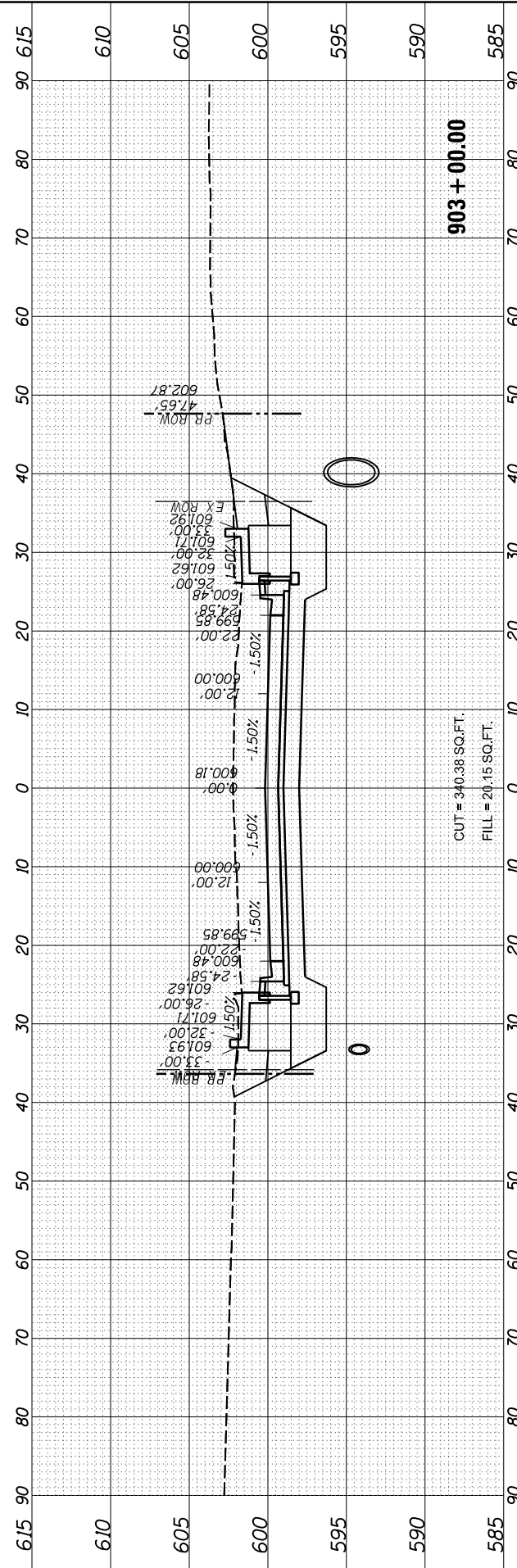
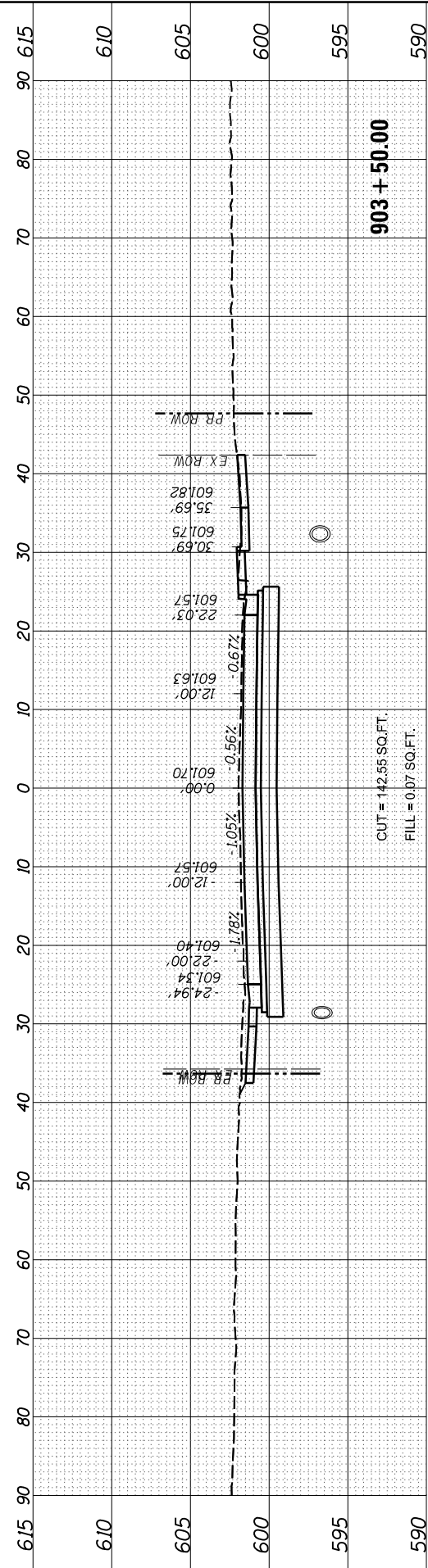
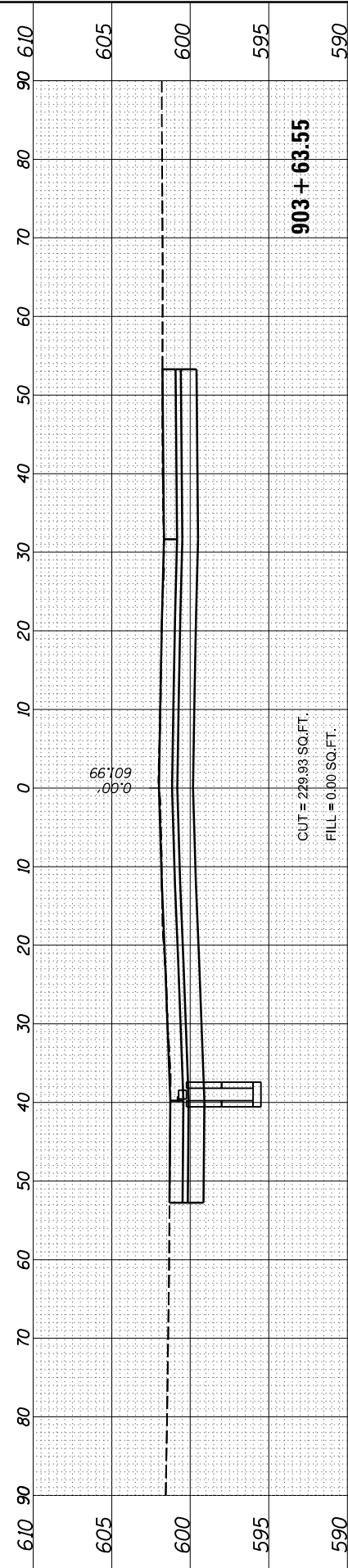
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FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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USER NAME = Johns00944	DESIGNED - SKM	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN - RH	REVISED -
PLOT DATE = 11/2/2021	CHECKED - SKM/MNM	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - JEFFERSON STREET - 5**

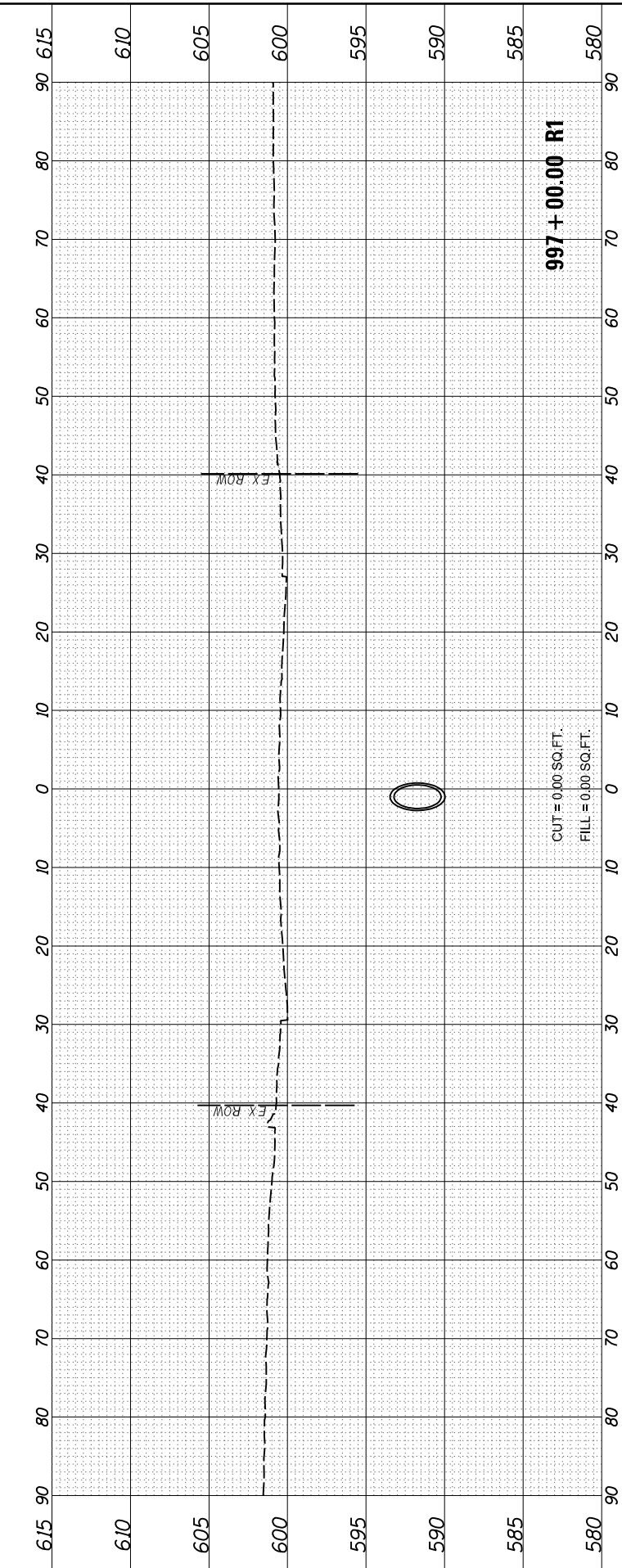
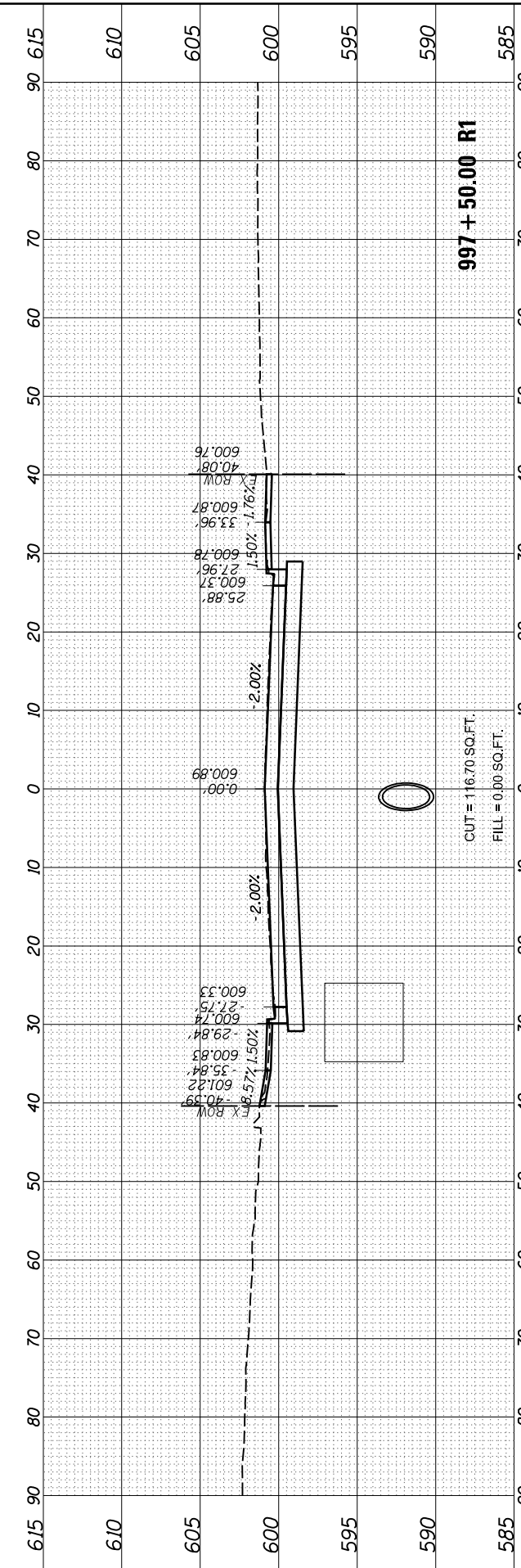
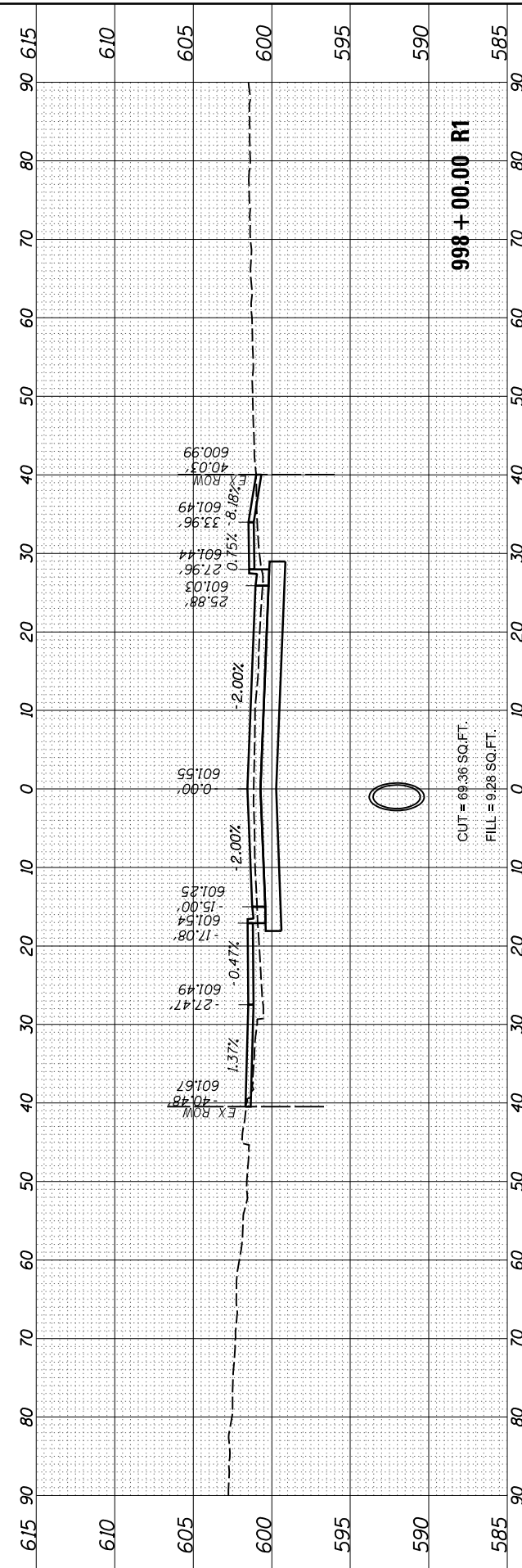
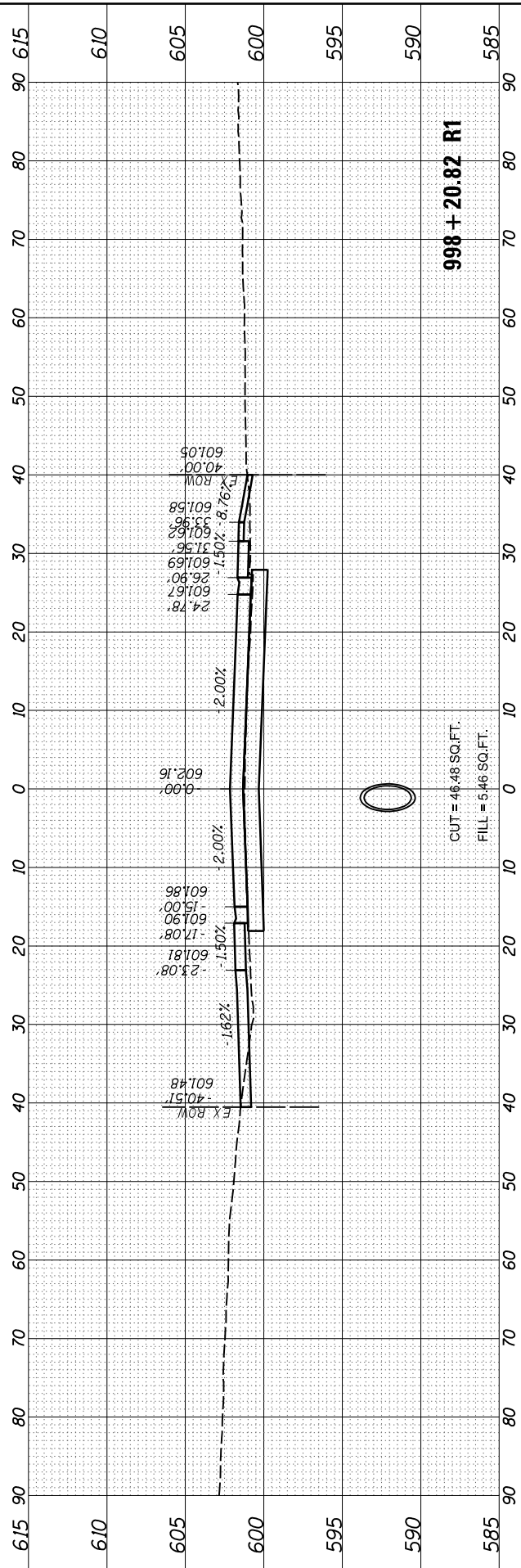
SCALE: SHEET 5 OF 5 SHEETS STA. 902+50.00 TO STA. 903+63.55

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	09L0179B	CONTRACT NO. 93762		
	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

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PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISIED -

DESIGNED - SKM	REVISIED -
DRAWN - RH	REVISIED -
CHECKED - SKM/MNM	REVISIED -
DATE - 11/1/2021	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - WASHINGTON STREET - 1**

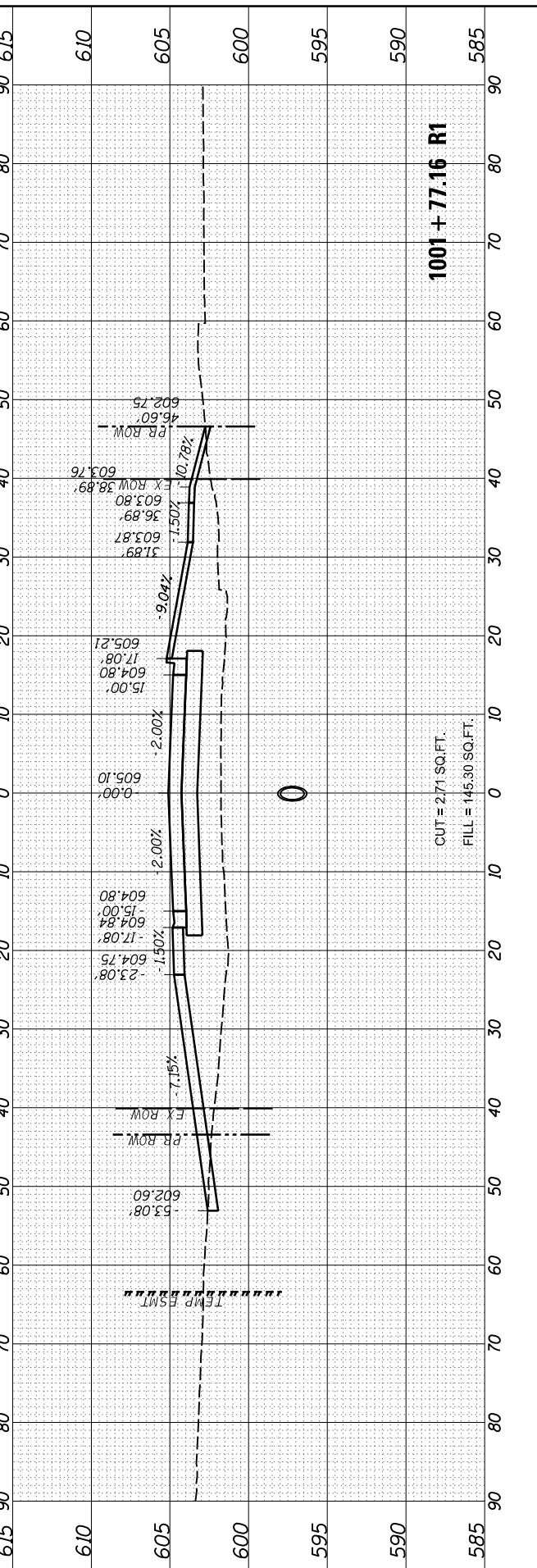
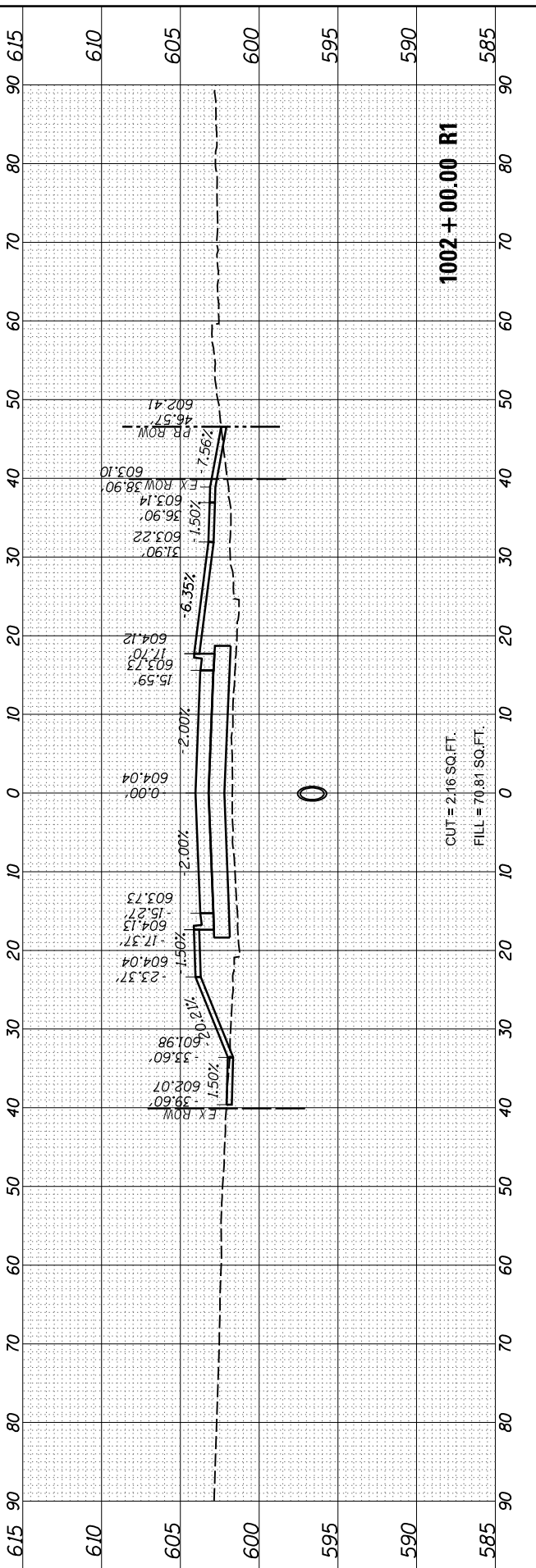
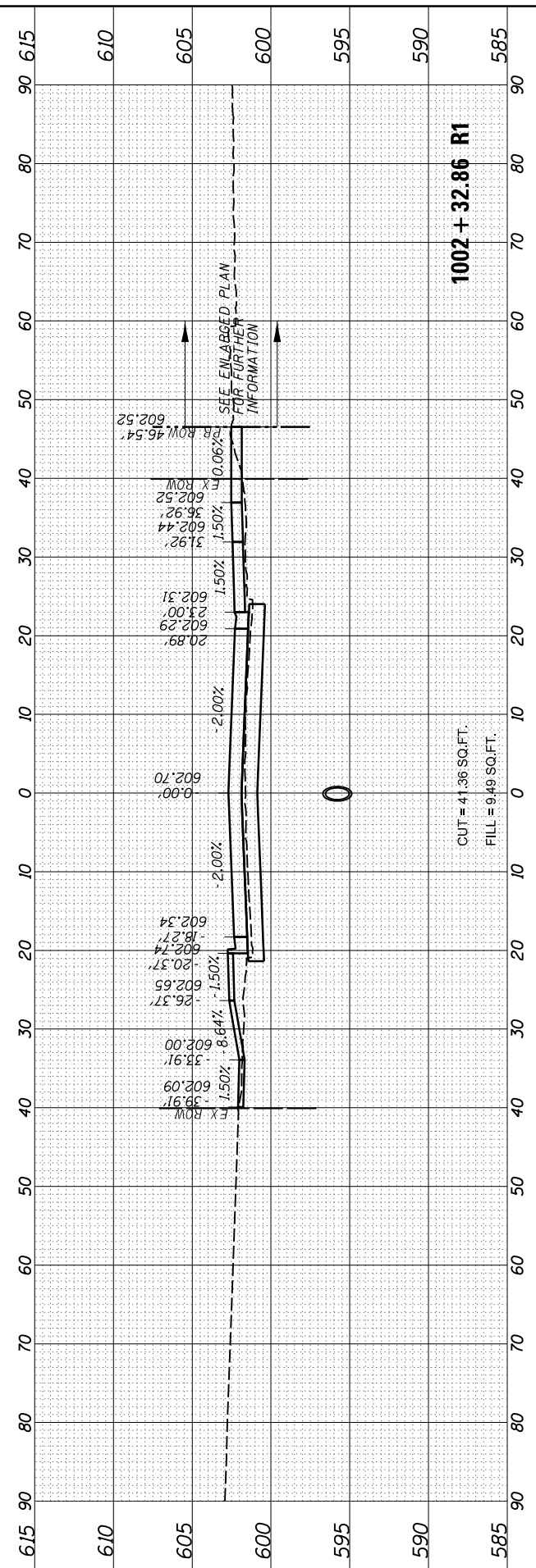
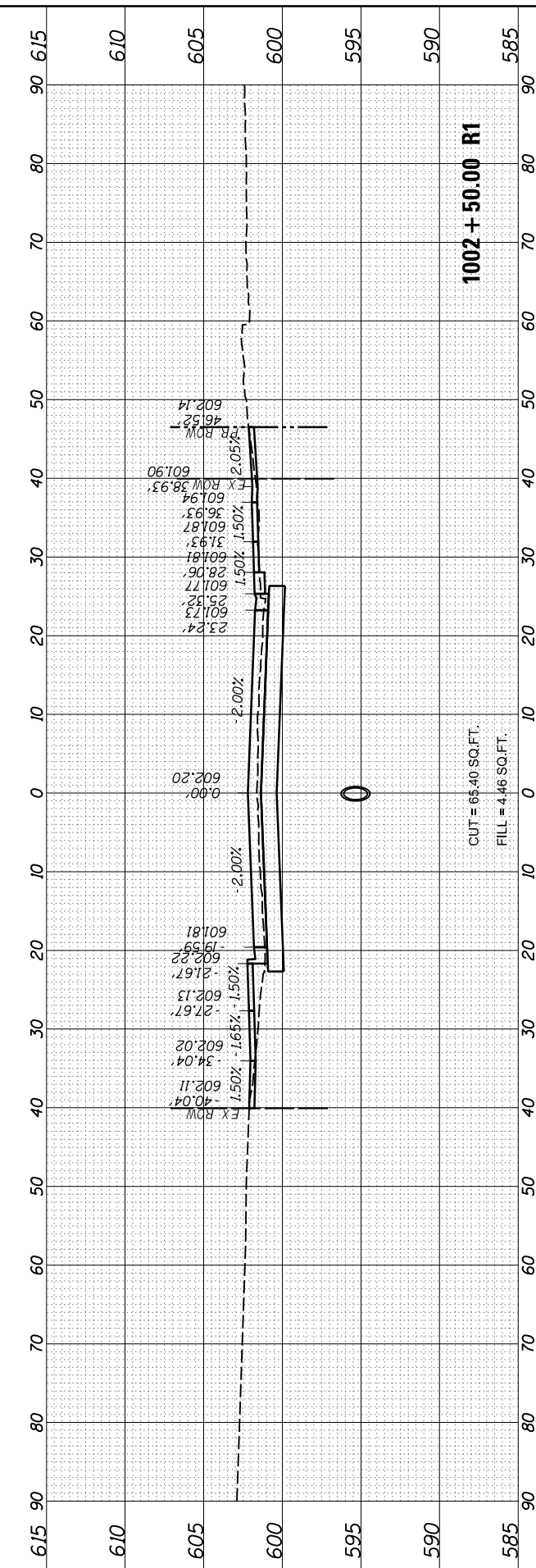
SCALE: SHEET 1 OF 5 SHEETS STA. 997+00.00 R1 TO STA. 998+20.82 R1

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 442
	09L0179B	CONTRACT NO. 93762		
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

MODEL Sheet 4
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USER NAME = Johns00944	DESIGNED - SKM	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - SKM/MNM	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

DRAWN - RH	REVISED -
CHECKED - SKM/MNM	REVISED -
DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - WASHINGTON STREET - 4**

SCALE: SHEET 4 OF 5 SHEETS STA. 1001+77.16 RI TO STA. 1002+50.00 RI

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 445
	09L0179B	CONTRACT NO. 93762		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

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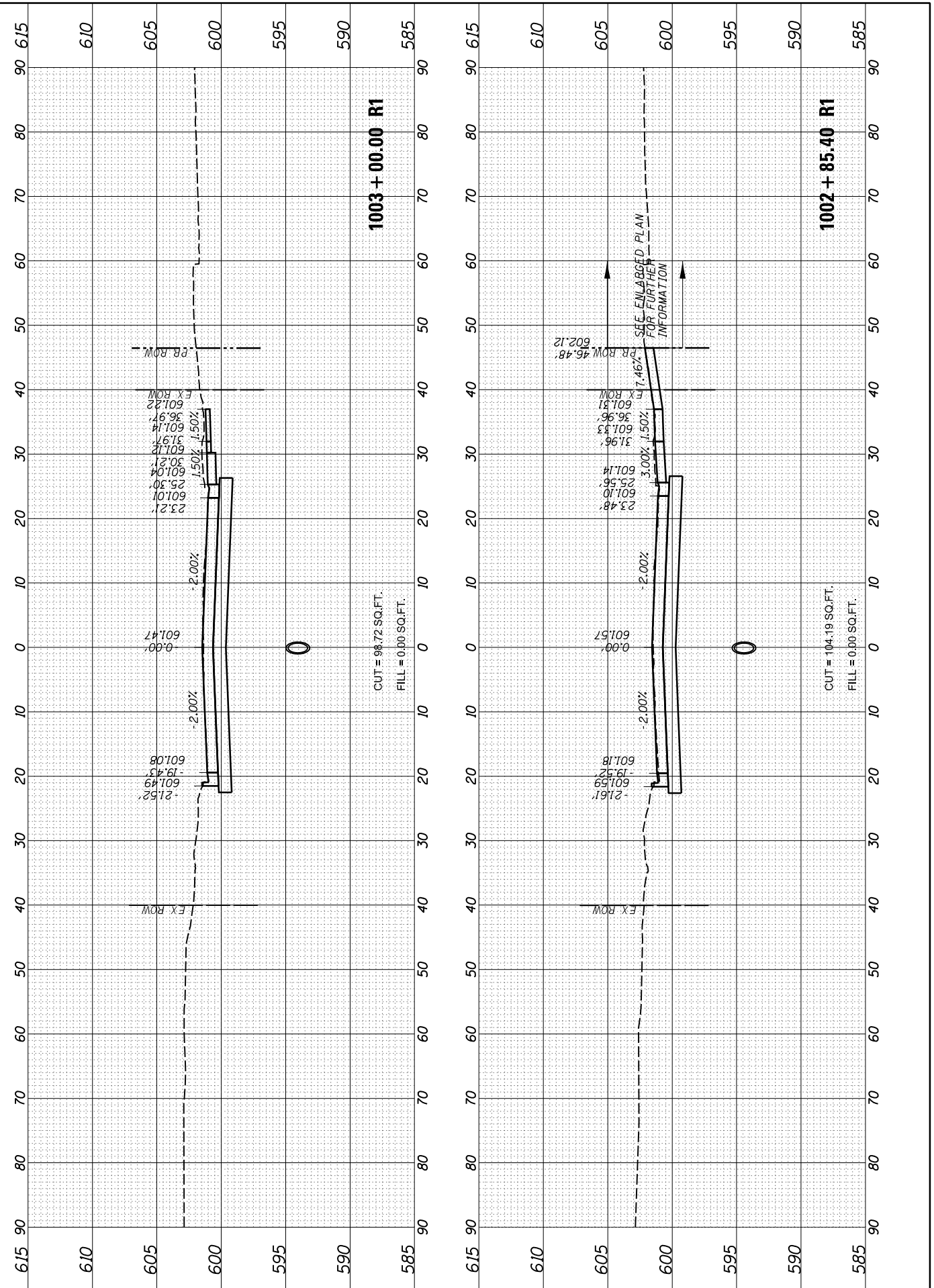
USER NAME = Johns00944	DESIGNED - SKM	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN - RH	REVISED -
PLOT DATE = 11/2/2021	CHECKED - SKM/MNM	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - WASHINGTON STREET - 5**

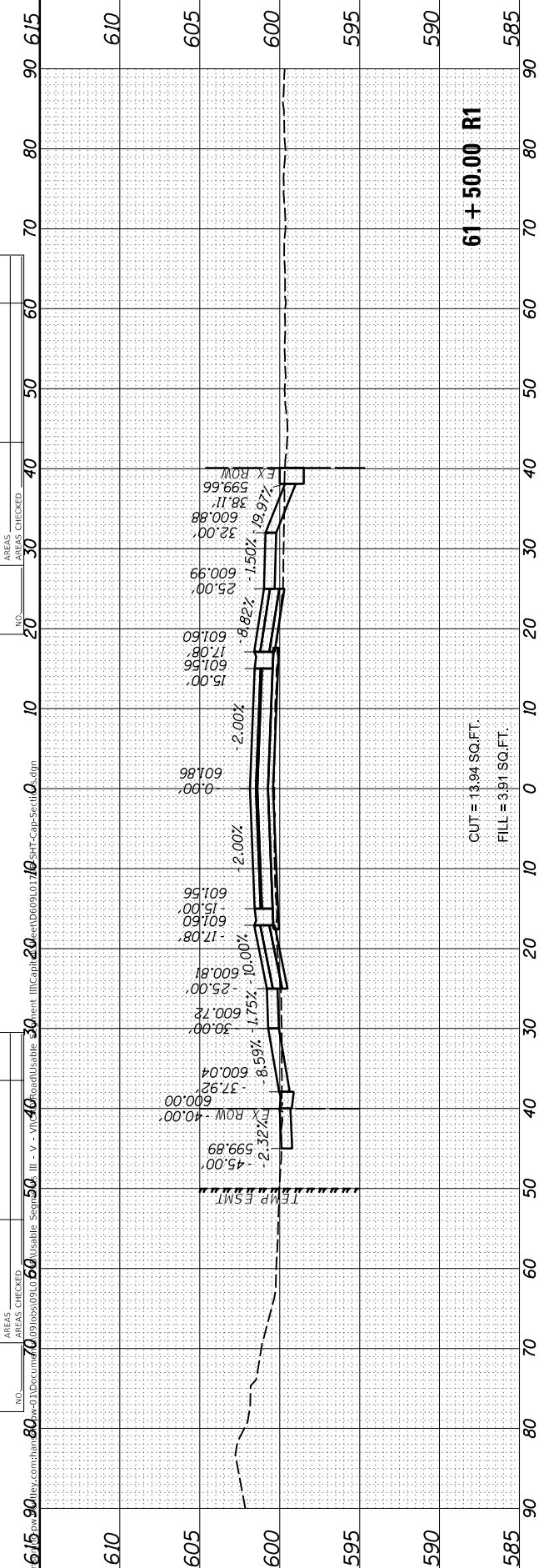
F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 446
09L0179B		CONTRACT NO. 93762		

SCALE: SHEET 5 OF 5 SHEETS STA. 1002+85.40 R1 TO STA. 1003+00.00 R1 ILLINOIS FED. AID PROJECT



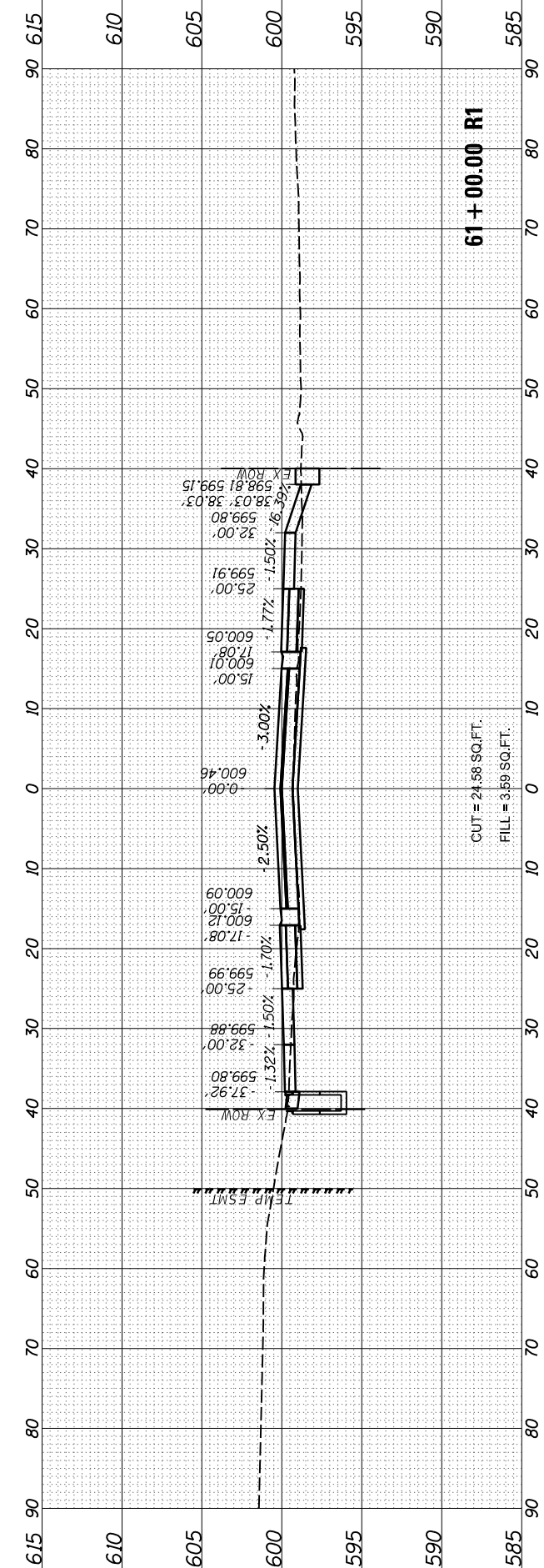
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS	TEMPLATE	
NO.	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS	TEMPLATE	
NO.	CHECKED	



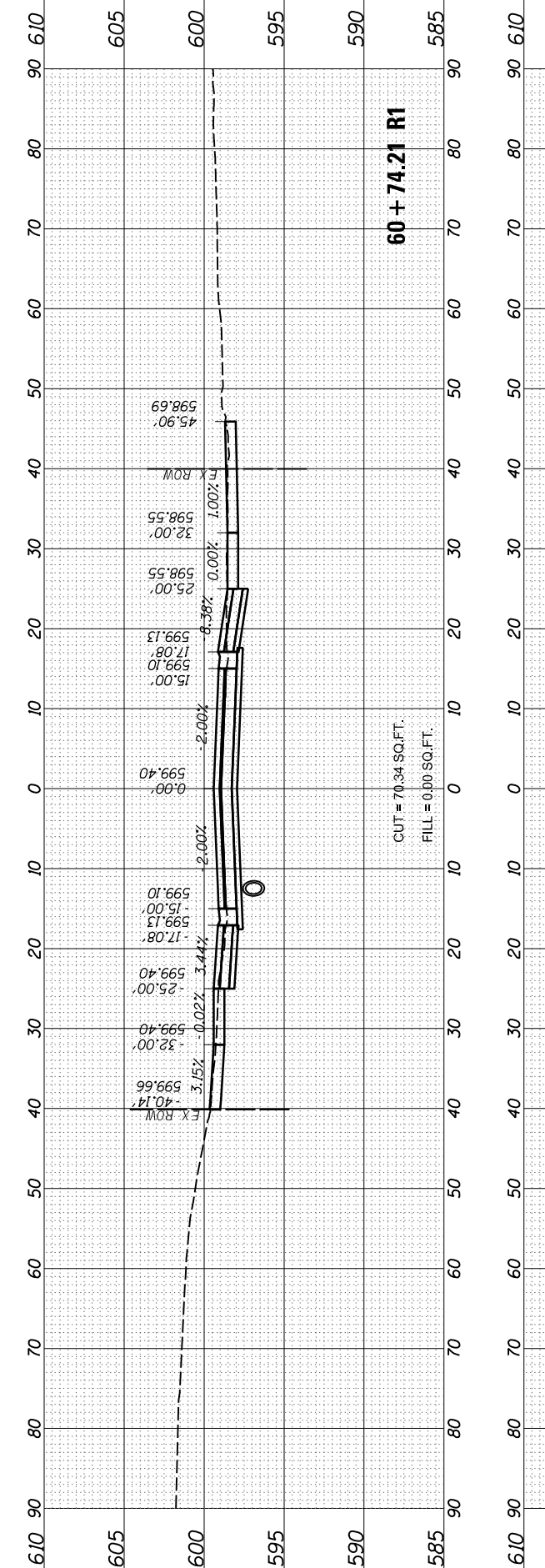
61 + 50.00 R1

CUT = 13.94 SQ.FT.
FILL = 3.81 SQ.FT.



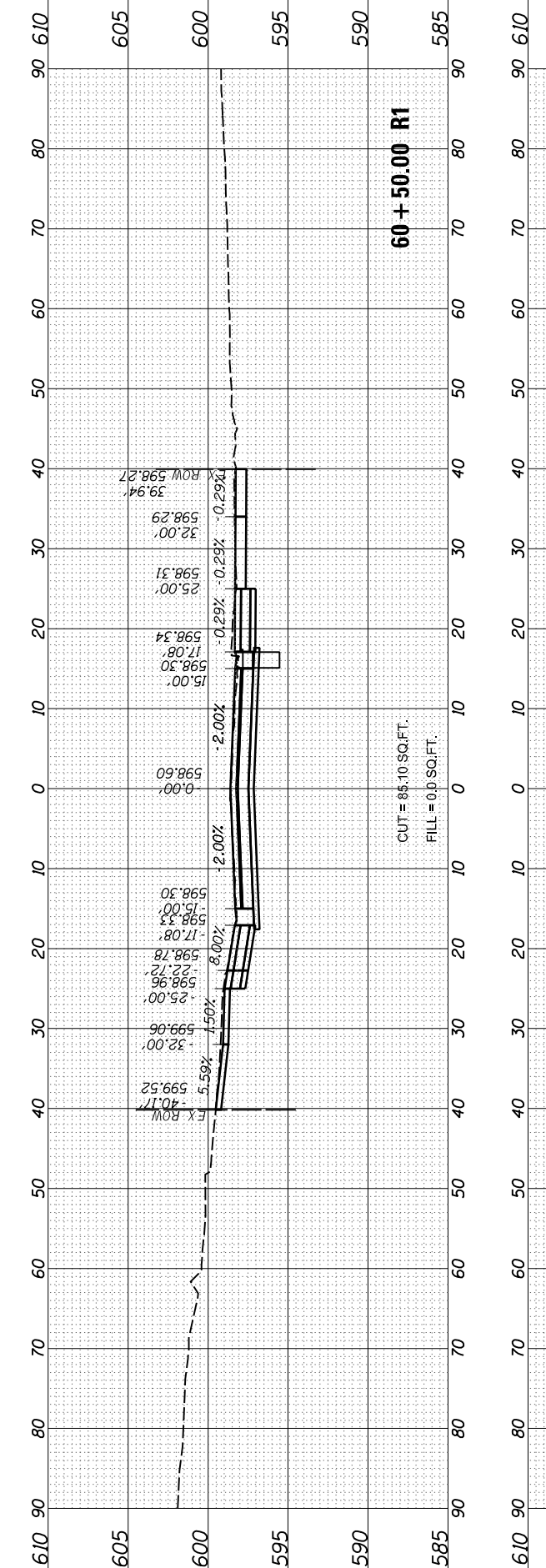
61 + 00.00 R1

CUT = 24.58 SQ.FT.
FILL = 3.59 SQ.FT.



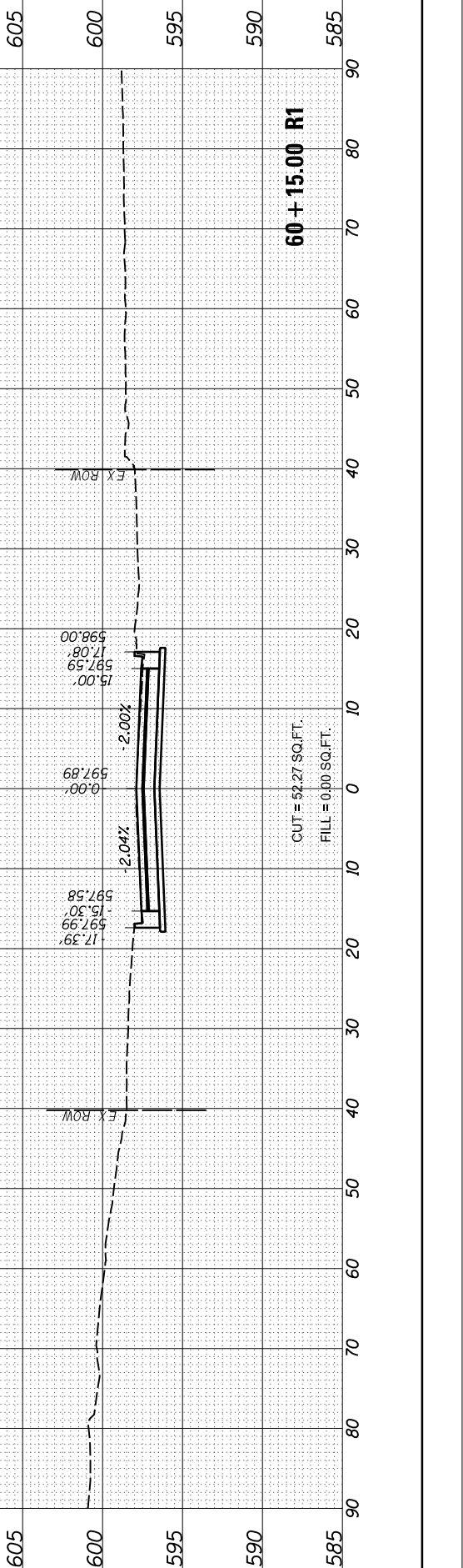
60 + 74.21 R1

CUT = 70.34 SQ.FT.
FILL = 0.00 SQ.FT.



60 + 50.00 R1

CUT = 85.10 SQ.FT.
FILL = 0.00 SQ.FT.



60 + 15.00 R1

CUT = 52.27 SQ.FT.
FILL = 0.00 SQ.FT.

MODEL SHEET 1
FILE NAME: p:\data\615-90\rev\complan\80\wd11Decum\70\99pos9910\60\road\usable\30\ment\ll\cap\20\den\09\0.10\set-cap-section.dgn

USER NAME =	Johns00944
DESIGNED -	SKM
DRAWN -	RH
CHECKED -	SKM/MNM
DATE -	11/1/2021
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 1 OF 4 SHEETS STA. 60+15.00 RI TO STA. 61+50.00 RI

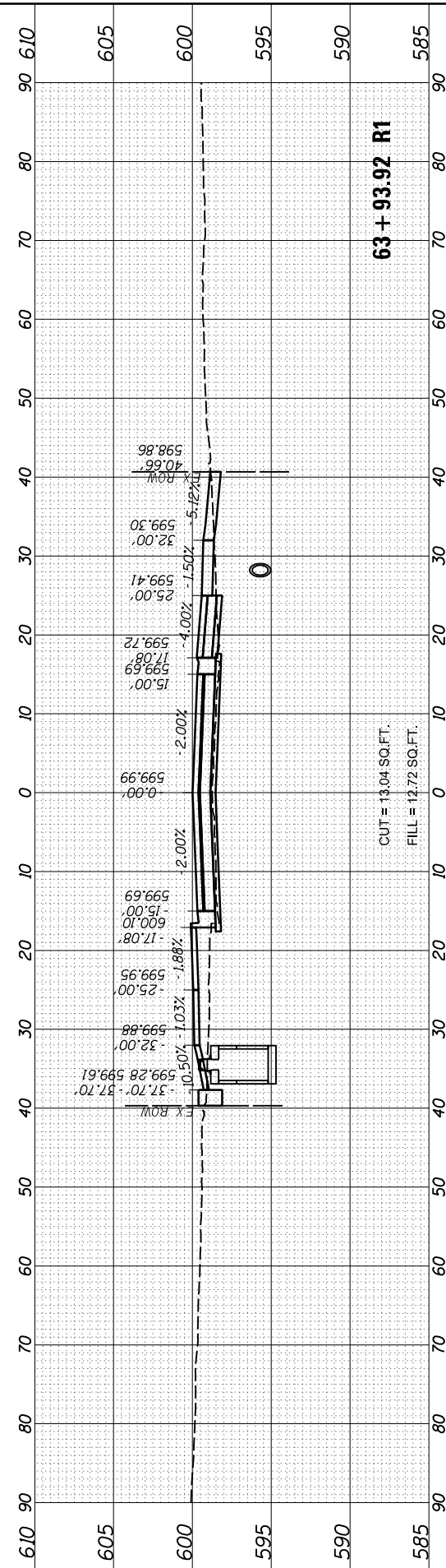
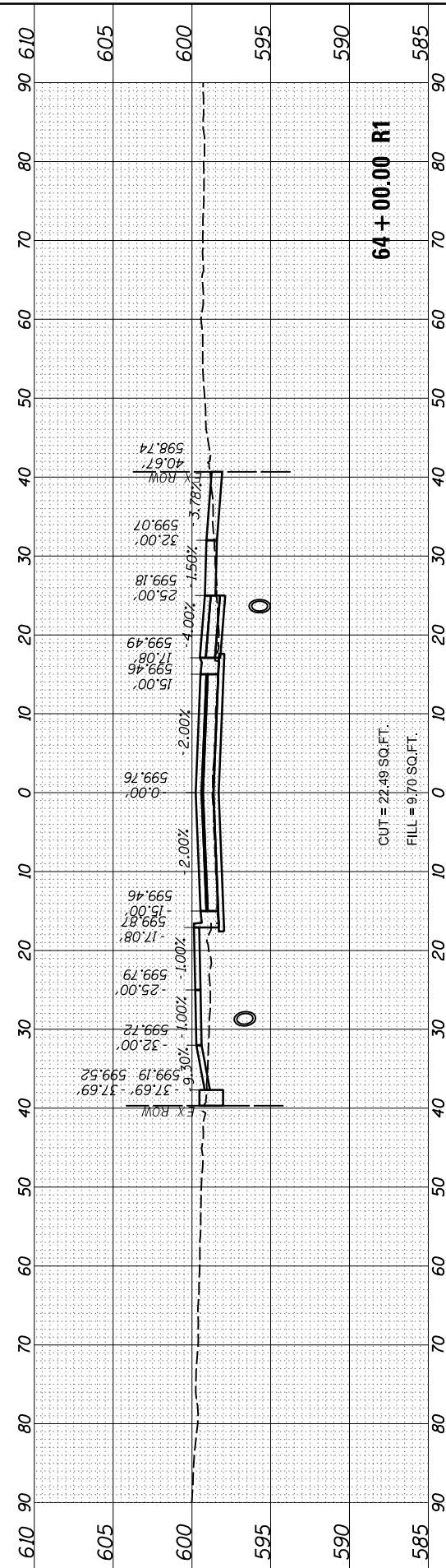
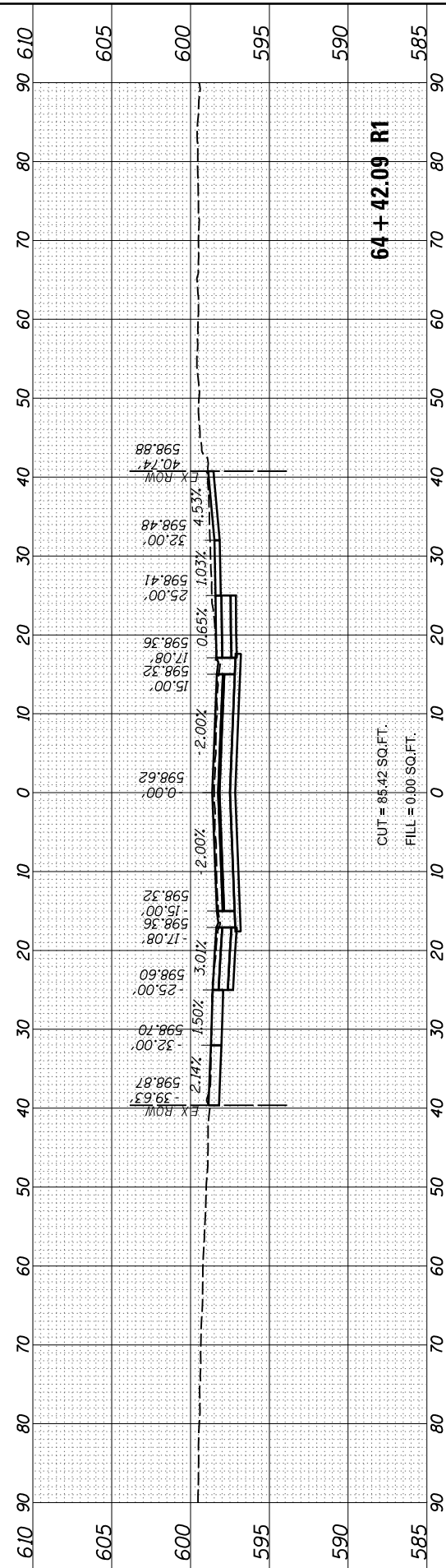
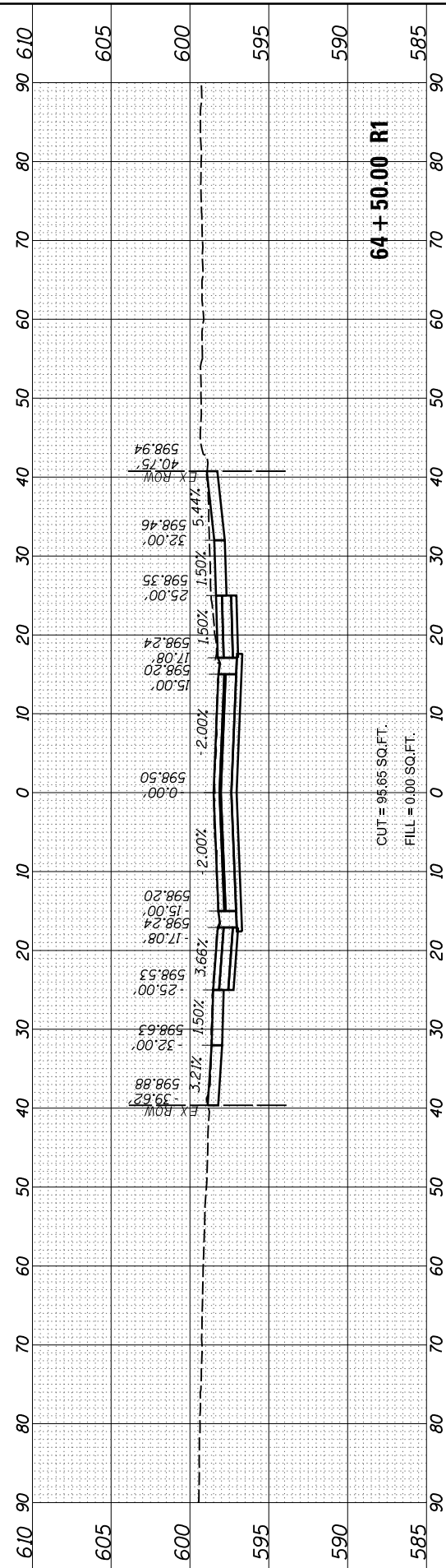
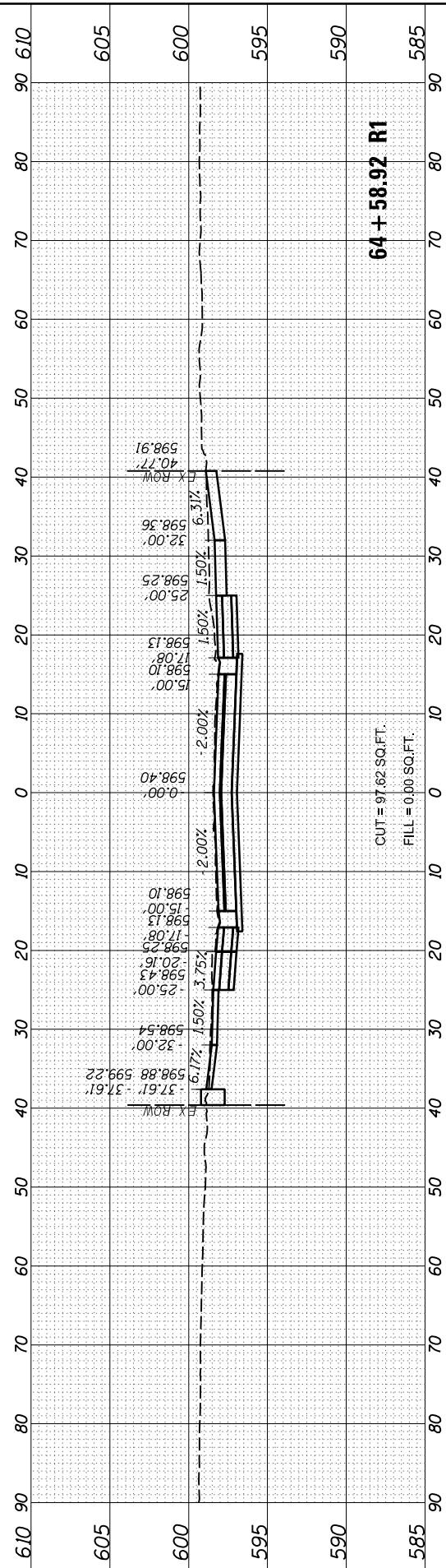
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - CAPITOL AVENUE - 1**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	447
	09L0179B			CONTRACT NO. 93762
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL Sheet 3
 FILE NAME: p:\a\trans\civ\w\identif\com\hanso\p\cd\1\Documents\09L0179B\Usable - Segment III - V - V\CAD\Road\Usable - Segment III\CapitolSheetD6056.G179B-S&T-Cap-Sections.dgn



USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - SKM/JWM	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - CAPITOL AVENUE - 3**

SCALE: SHEET 3 OF 4 SHEETS STA. 63+93.92 R1 TO STA. 64+58.92 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	449
	09L0179B	CONTRACT NO.	93762	
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL Sheet 4
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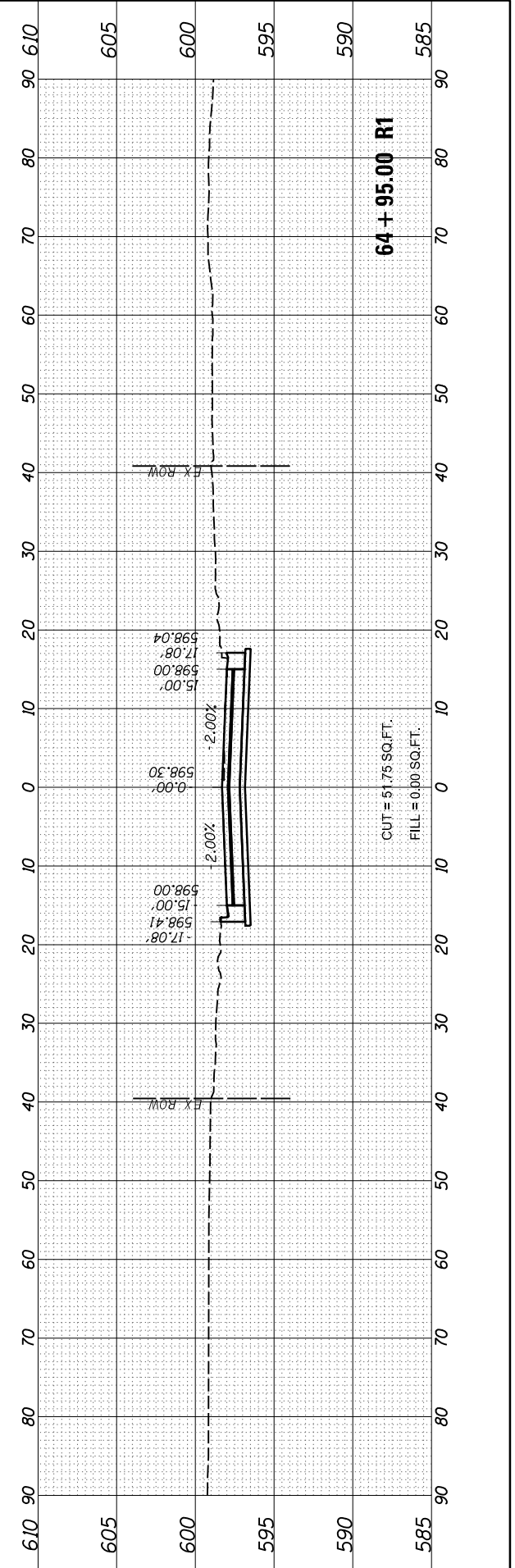
USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - SKM/JWM	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - CAPITOL AVENUE - 4**

SCALE: SHEET 4 OF 4 SHEETS STA. 64+95.00 R1 TO STA. 64+95.00 R1

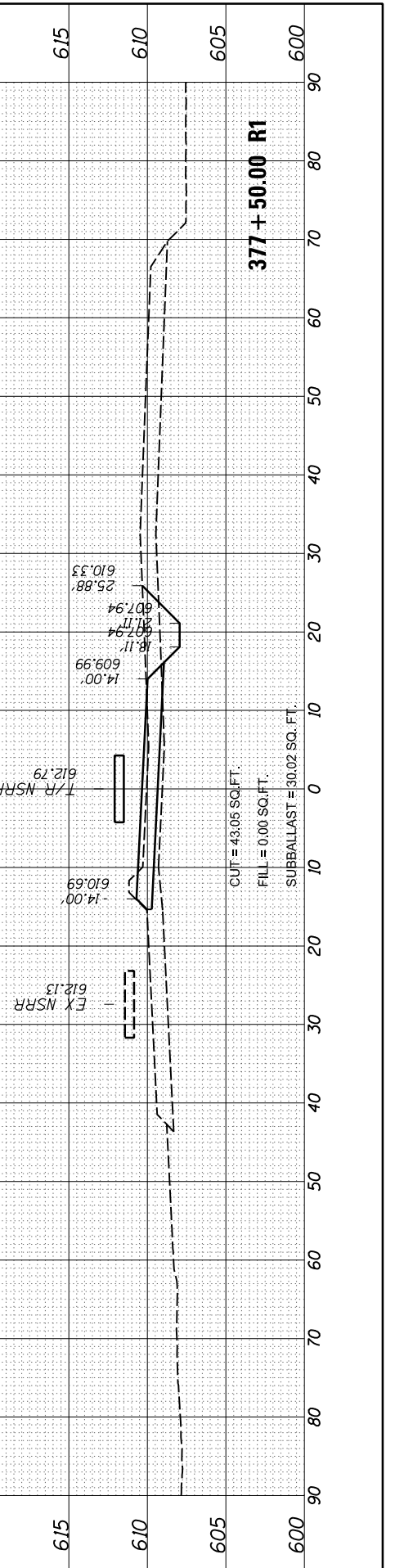
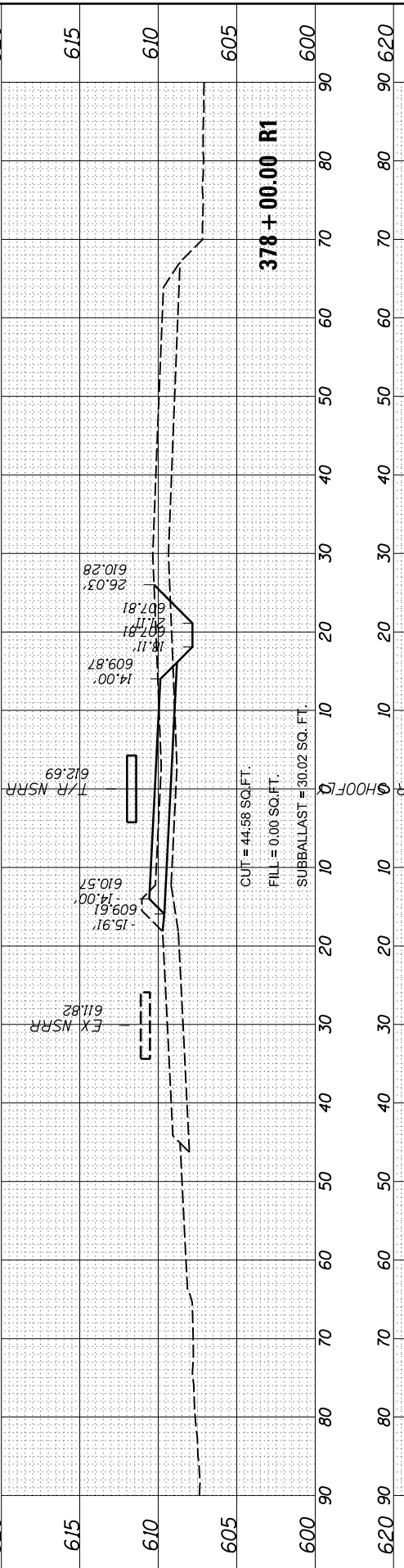
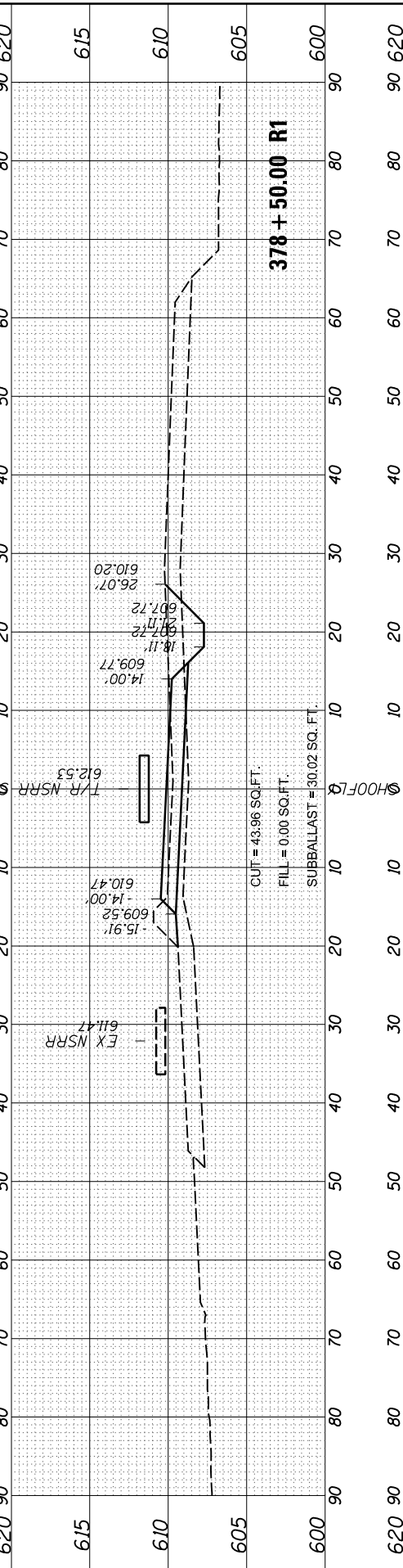
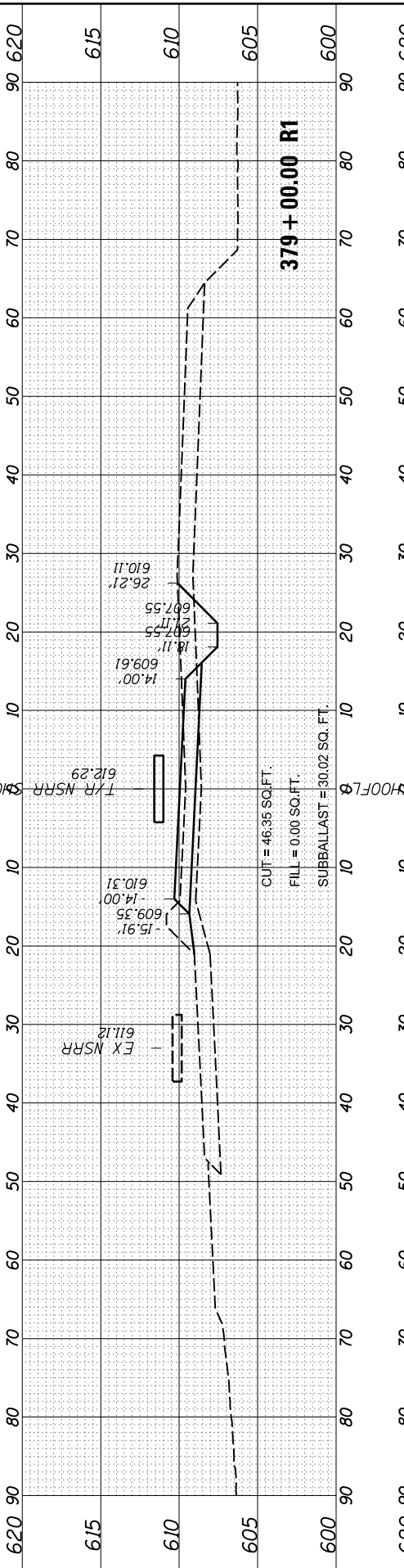
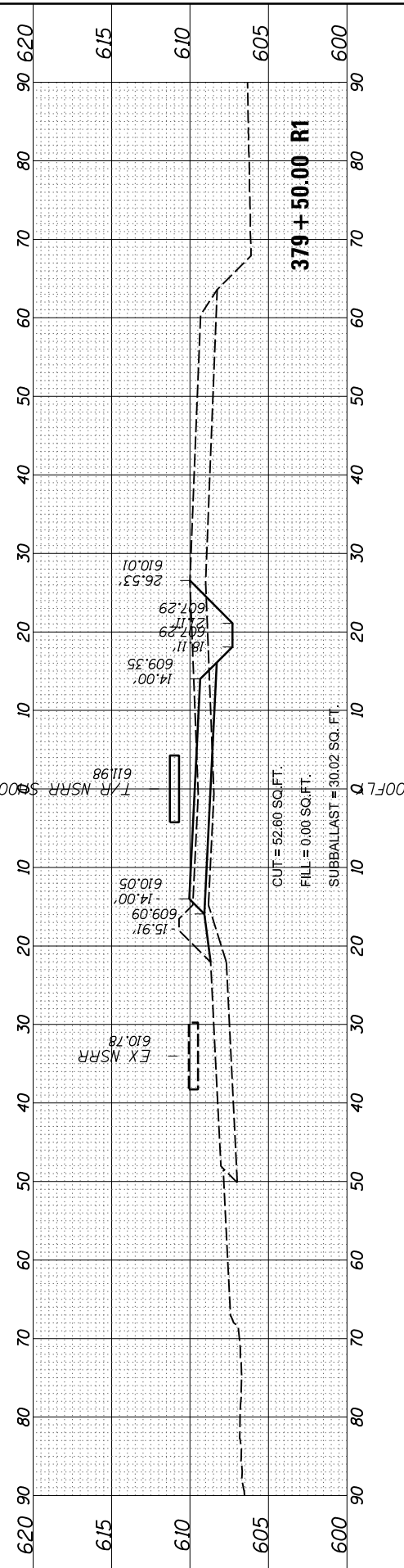
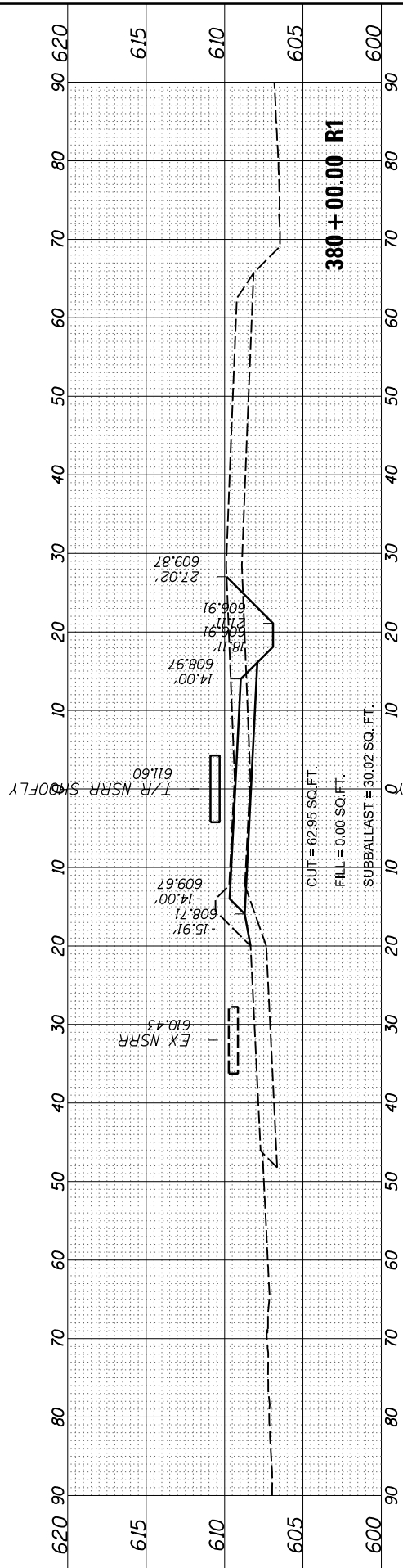
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	450
	09L0179B		CONTRACT NO.	93762
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL Sheet 3
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - SHOOFLY - 2**

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 452
	09L0179B	CONTRACT NO. 93762		

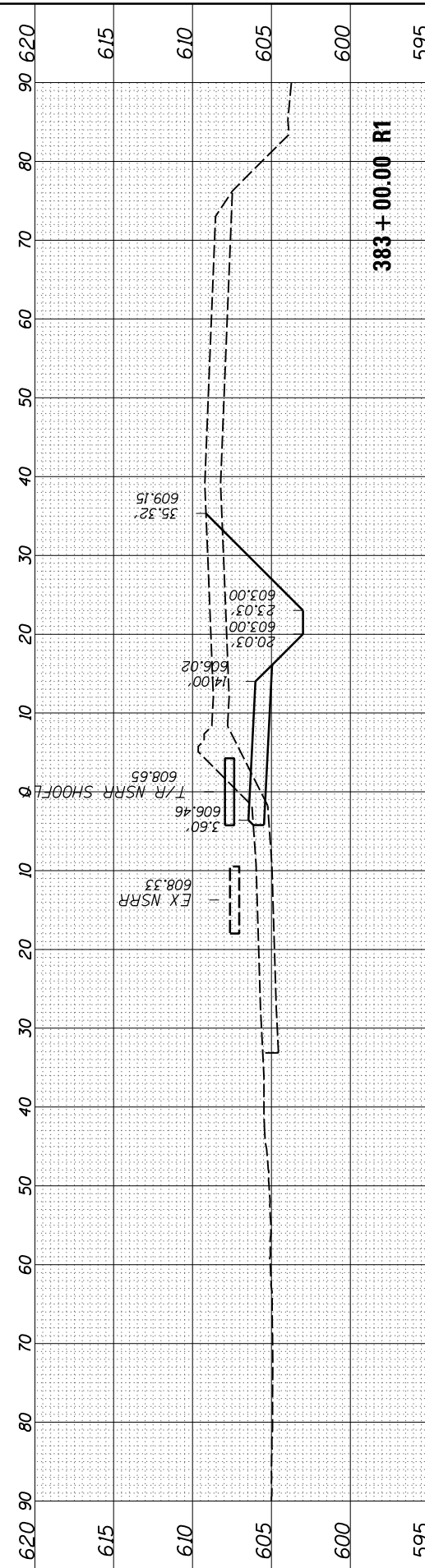
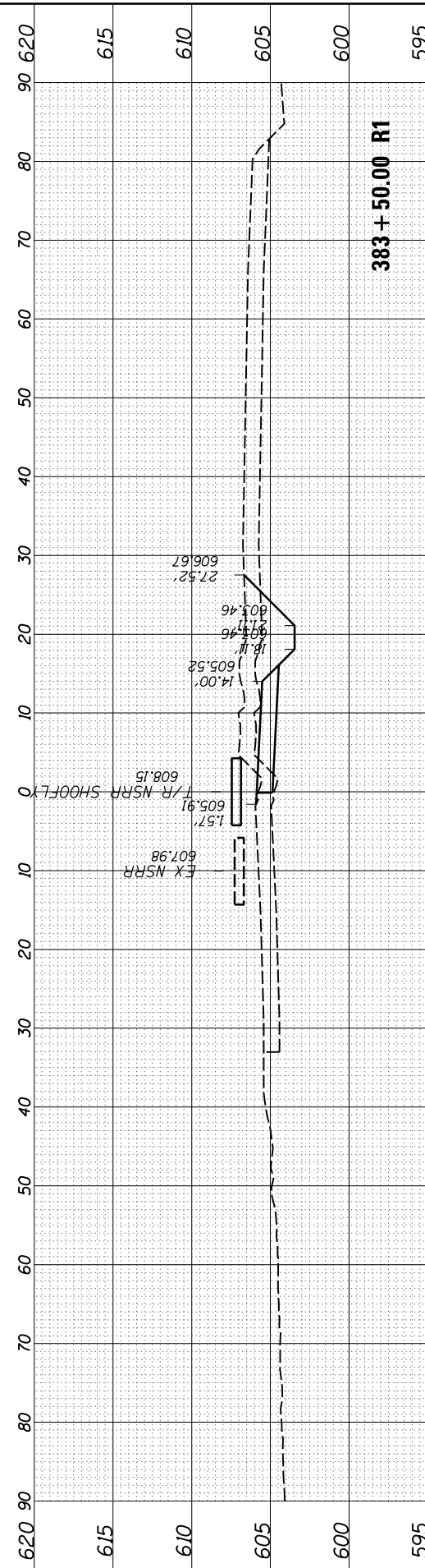
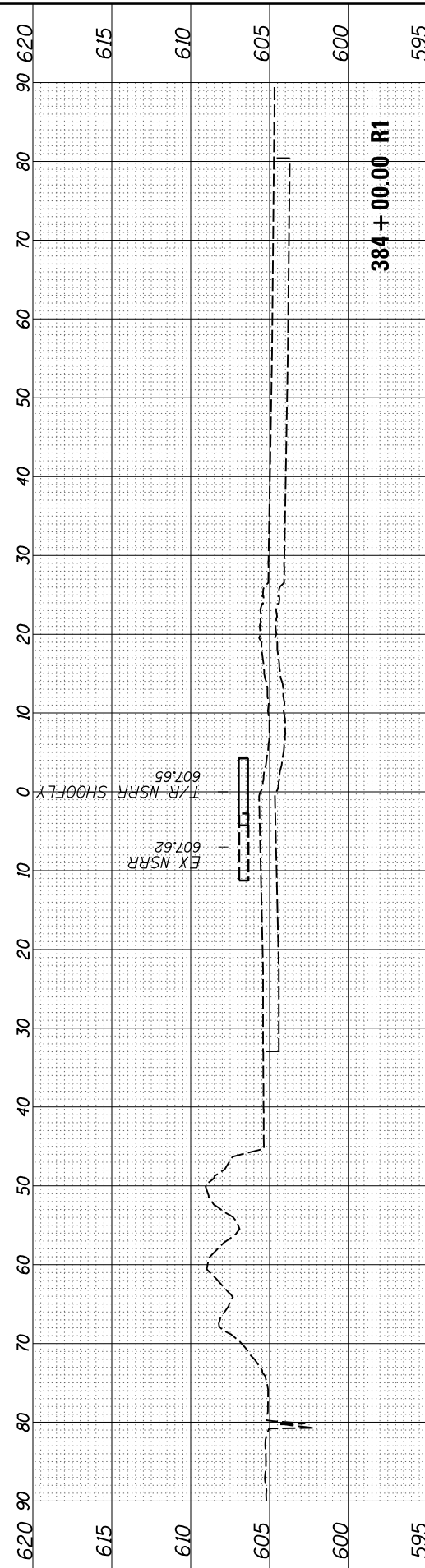
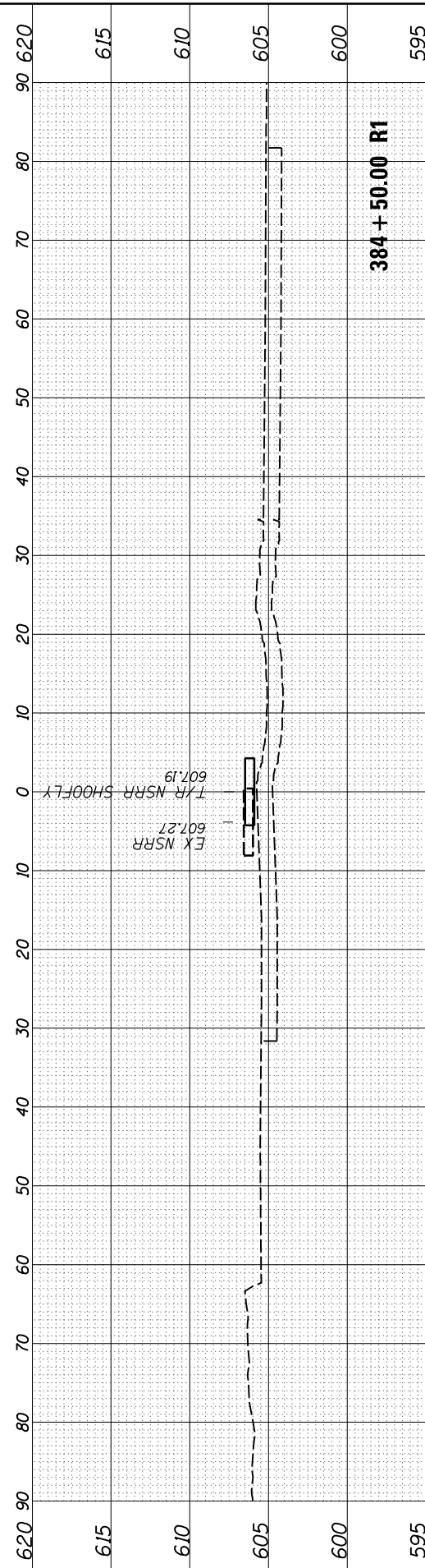
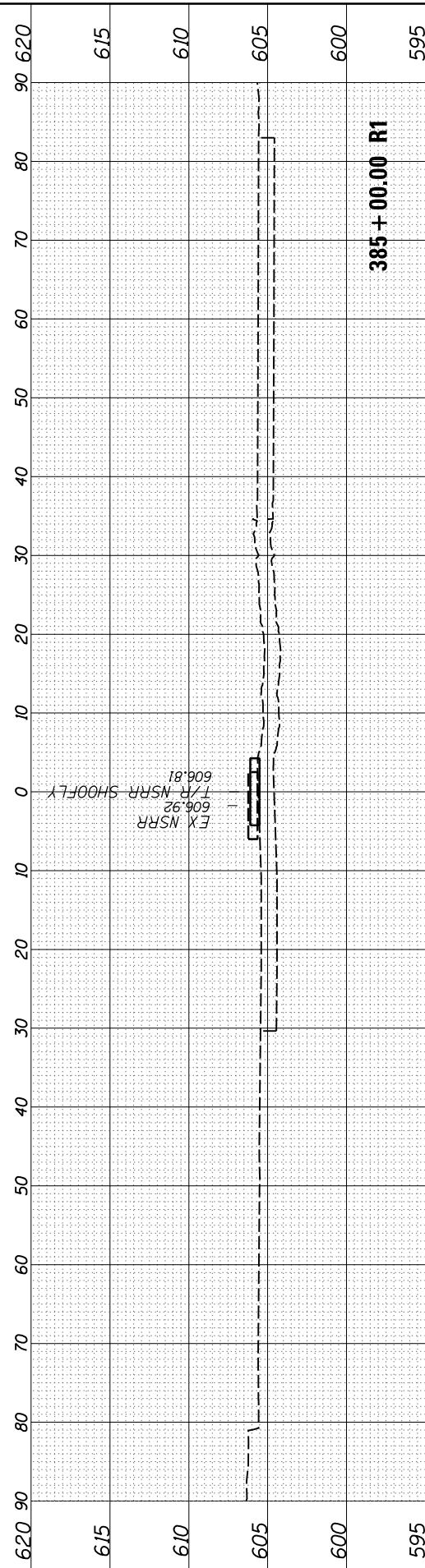
SCALE: SHEET 2 OF 5 SHEETS STA. 377+50.00 R1 TO STA. 380+00.00 R1

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Sheet 5
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 4 OF 5 SHEETS STA. 383+00.00 RI TO STA. 385+00.00 RI

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - SHOOFLY - 4**

F.A. RTE. 67,67A	SECTION 20-00491-00-BR 09L0179B	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 454
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93762	

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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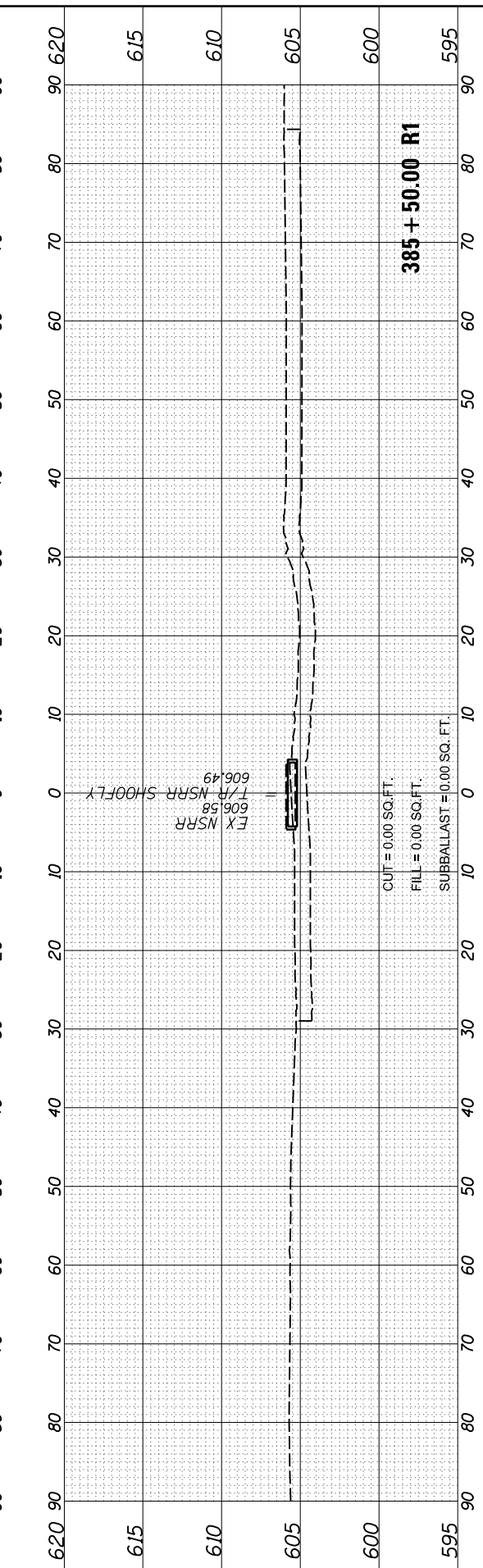
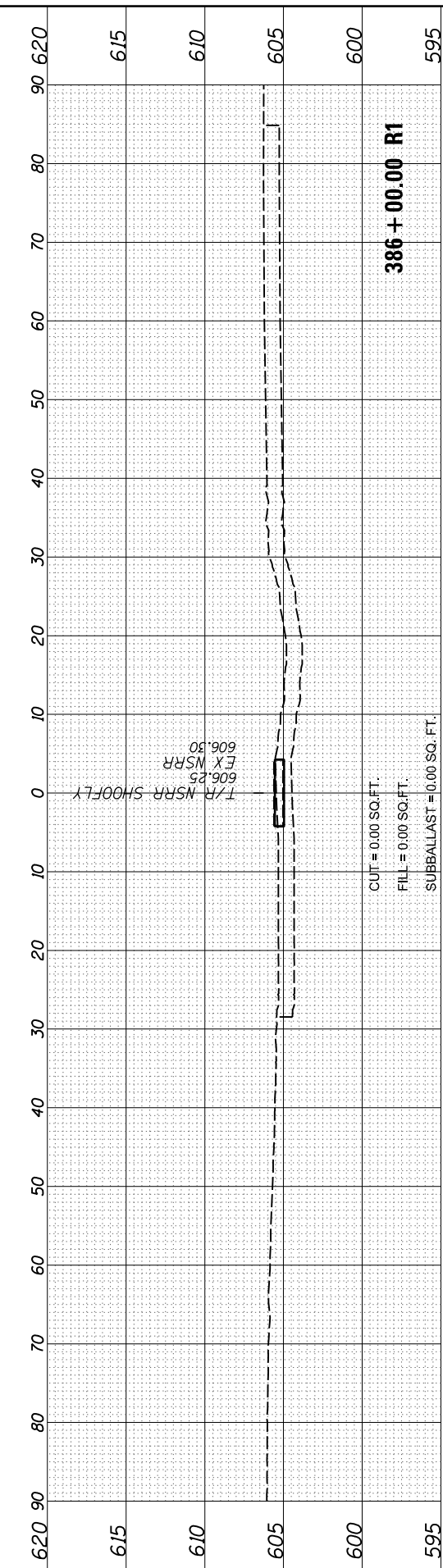
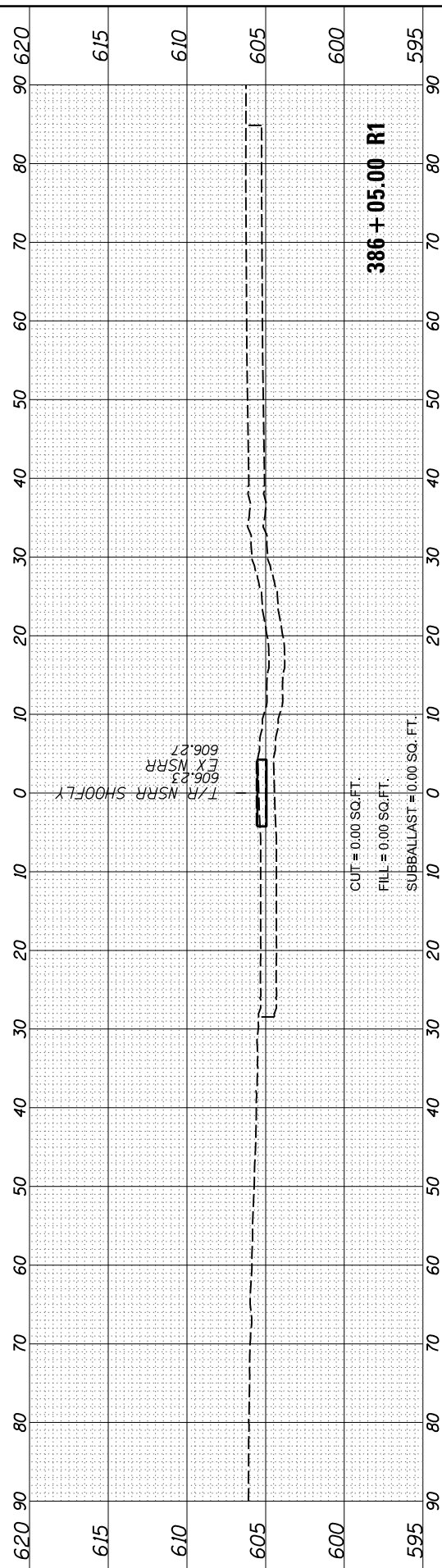
USER NAME = Johns00944	DESIGNED - GCN	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN - RH	REVISED -
PLOT DATE = 11/2/2021	CHECKED - GCN	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - SHOOFLY - 5**

SCALE: SHEET 5 OF 5 SHEETS STA. 385+50.00 R1 TO STA. 386+05.00 R1

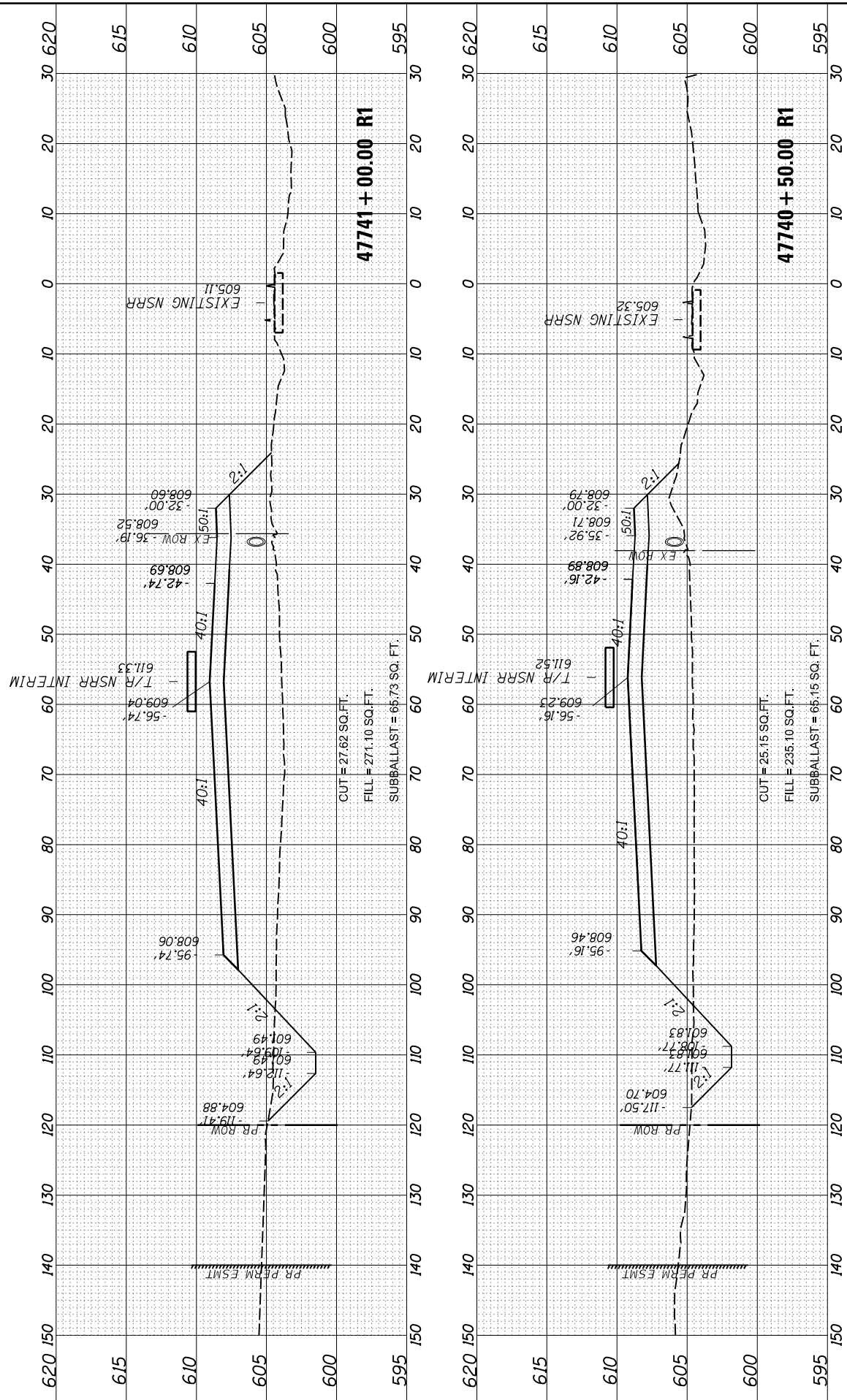
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	455
	09L0179B	CONTRACT NO.	93762	
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	DATE

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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN - RH	REVISED -
PLOT DATE = 11/2/2021	CHECKED - GCN	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - 1**

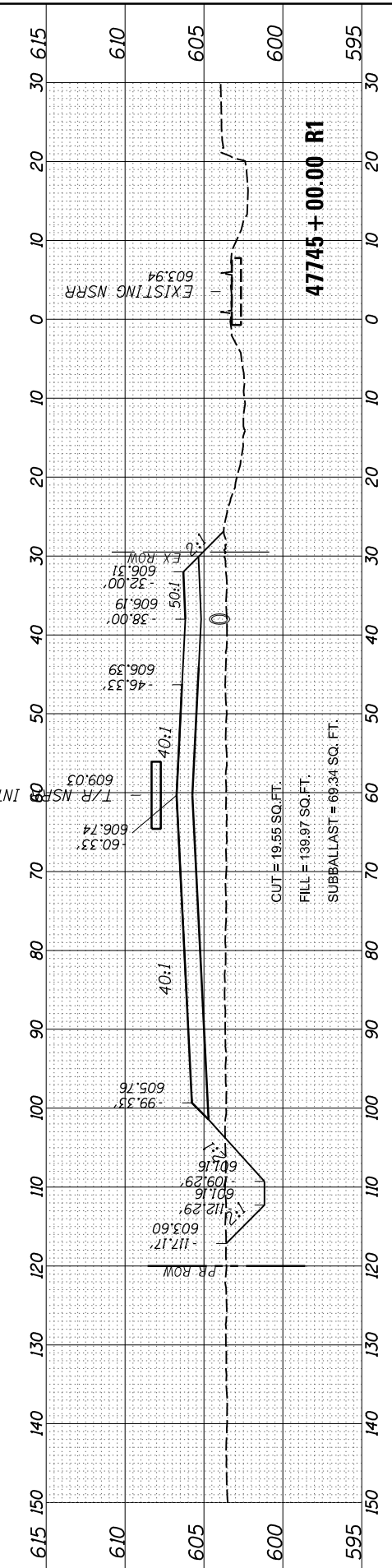
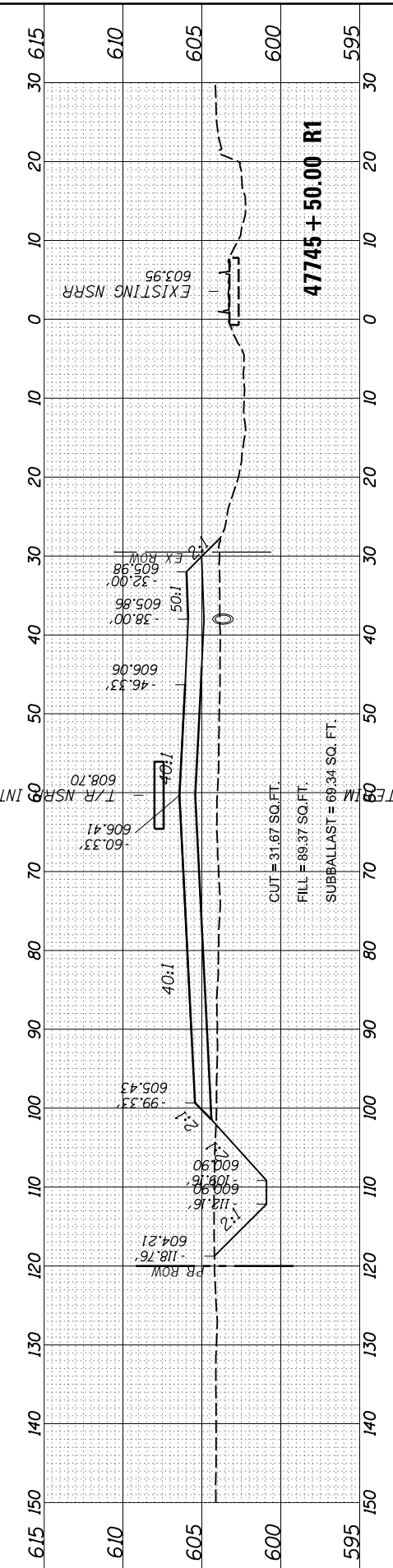
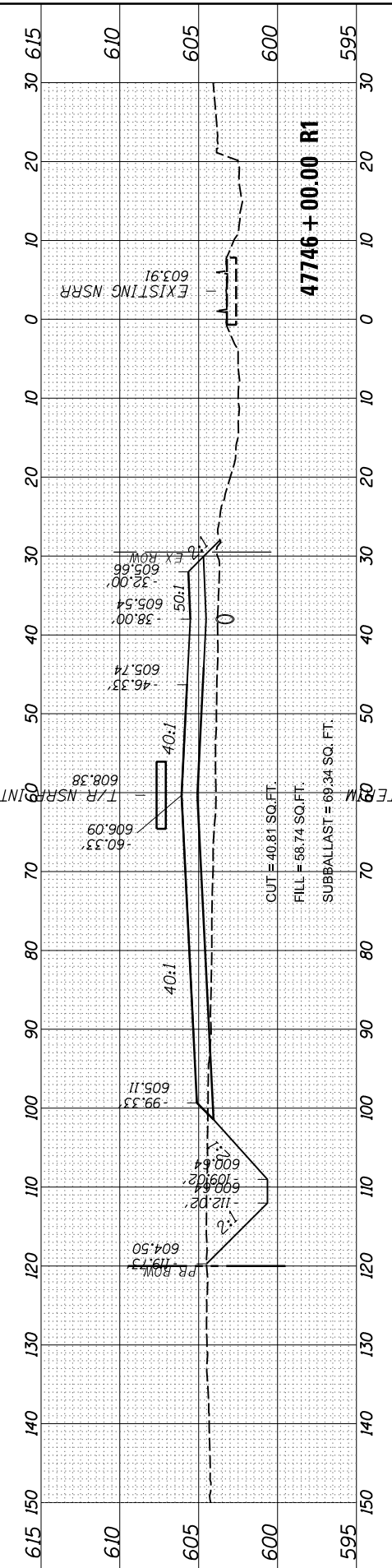
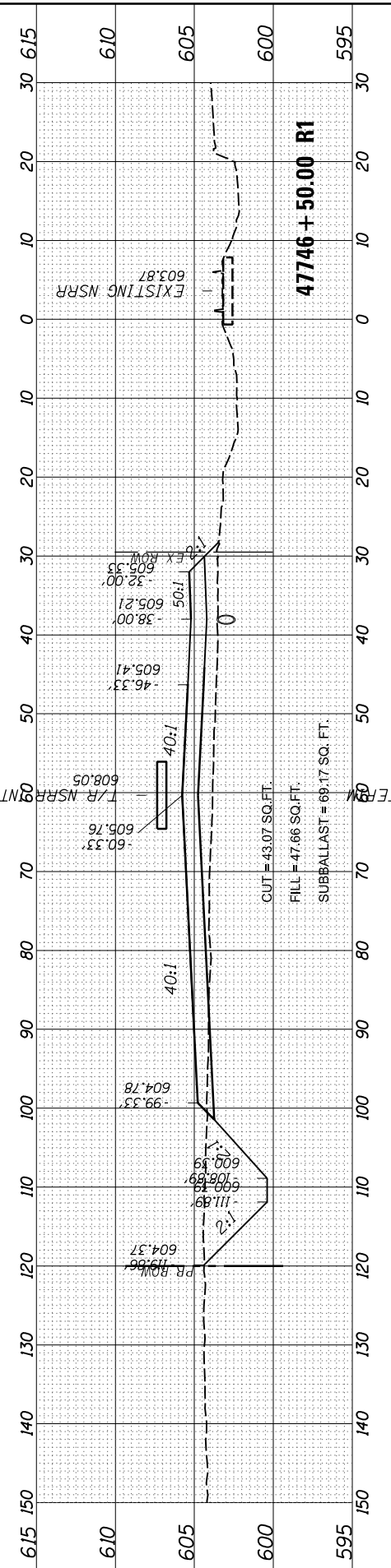
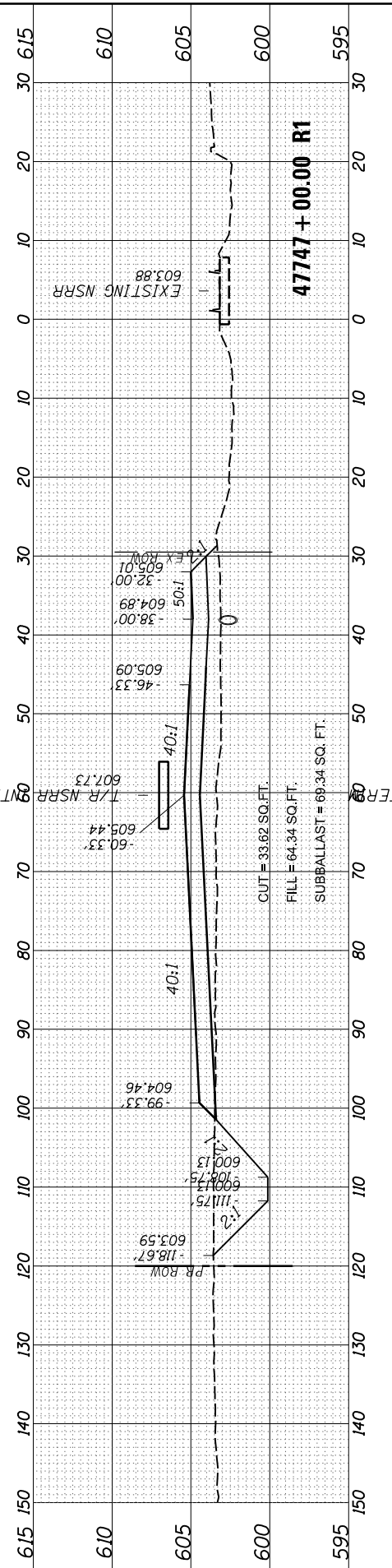
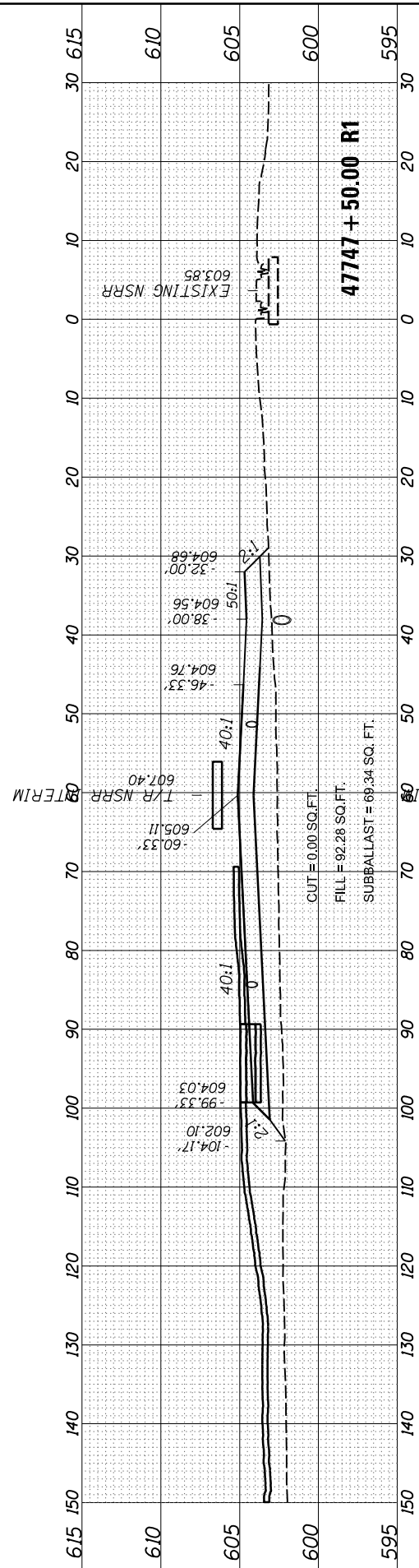
SCALE: SHEET 1 OF 9 SHEETS STA. 47738+00.00 R1 TO STA. 47741+00.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	456
	09L0179B		CONTRACT NO. 93762	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Sheet 3
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - 3

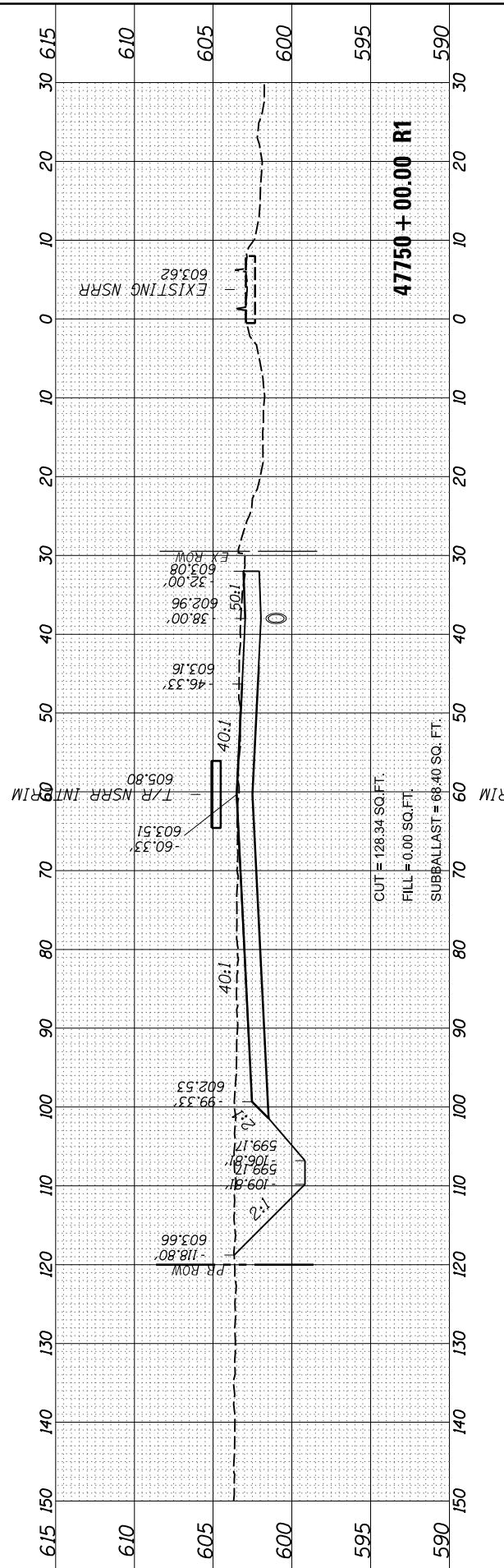
SCALE: SHEET 3 OF 9 SHEETS STA. 47745+00.00 R1 TO STA. 47747+50.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	458
	09L0179B			CONTRACT NO. 93762
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NO.	PLOTTED	BY
	TEMPLATE	
	NOTE BOOK	
	AREAS CHECKED	

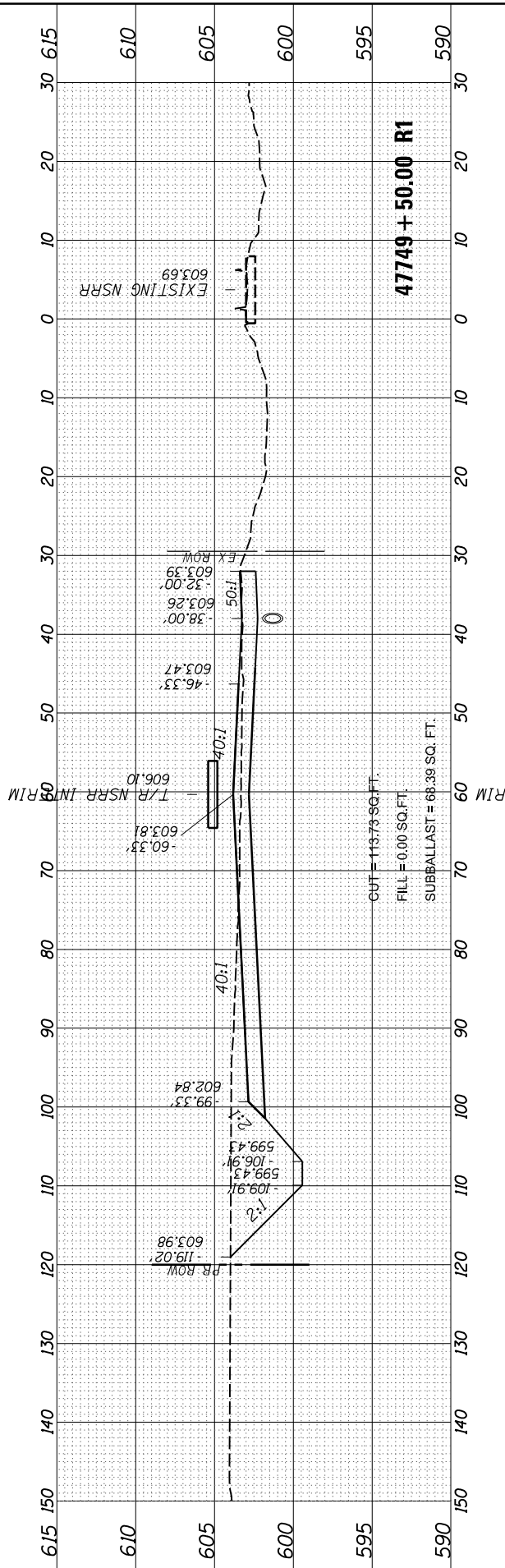
ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	BY
	TEMPLATE	
	NOTE BOOK	
	AREAS CHECKED	

MODEL: Sheet 4
 FILE NAME: p:\a\trans\cnc\sw\identifx.com\shanso\p\pc\11\Documents\09100179B\Usable - Segments III - V - V\CAD\Rail\Usable - Segment III\SheetD609L179B-S1F-Sections-Stage1A.dwg



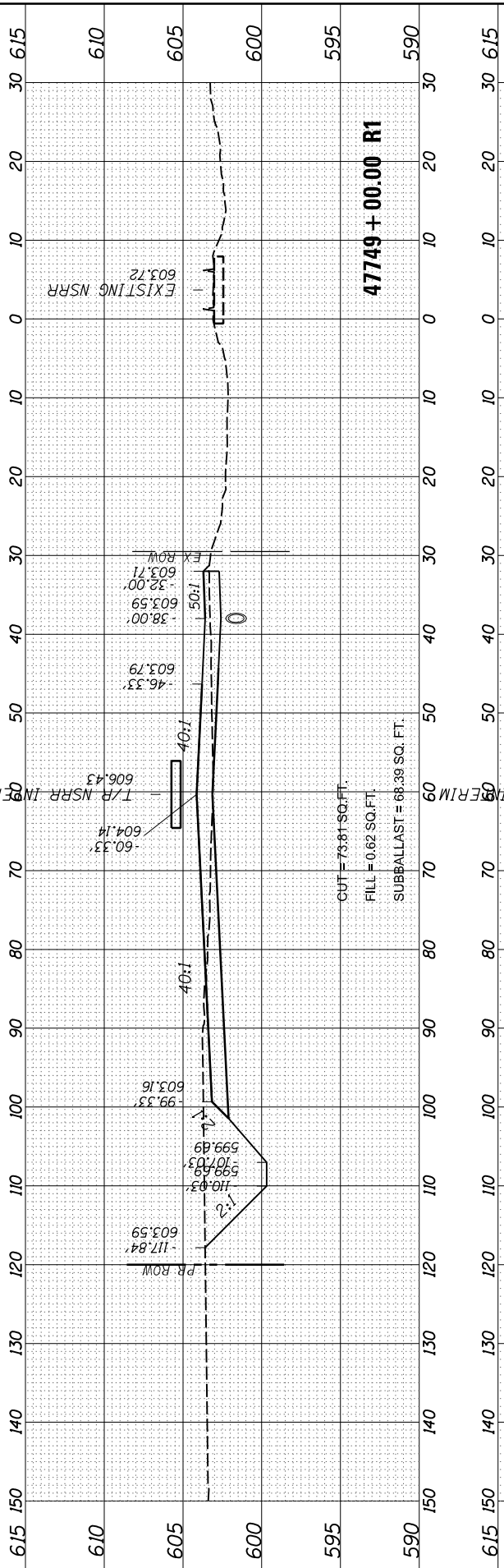
47750 + 00.00 R1

CUT = 128.34 SQ. FT.
 FILL = 0.00 SQ. FT.
 SUBBALLAST = 68.40 SQ. FT.



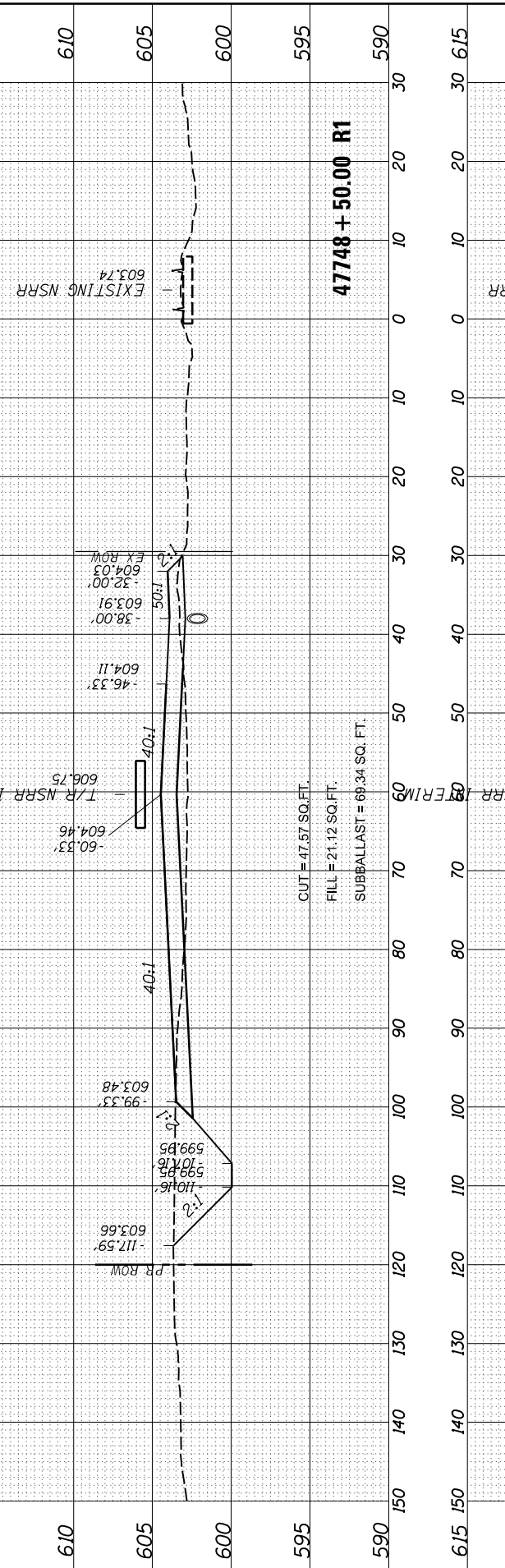
47749 + 50.00 R1

CUT = 113.73 SQ. FT.
 FILL = 0.00 SQ. FT.
 SUBBALLAST = 68.39 SQ. FT.



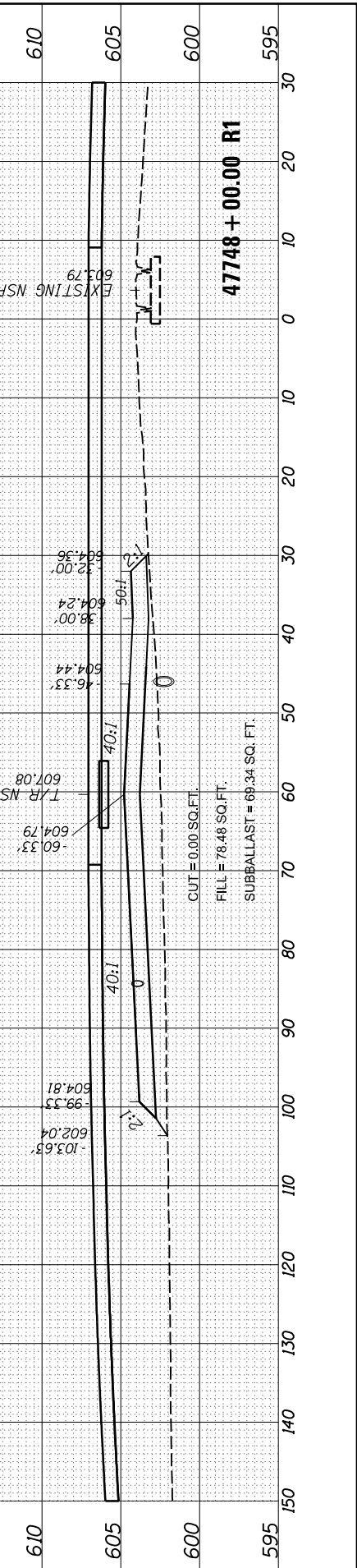
47749 + 00.00 R1

CUT = 73.81 SQ. FT.
 FILL = 0.92 SQ. FT.
 SUBBALLAST = 68.39 SQ. FT.



47748 + 50.00 R1

CUT = 47.57 SQ. FT.
 FILL = 21.12 SQ. FT.
 SUBBALLAST = 68.34 SQ. FT.



47748 + 00.00 R1

CUT = 0.00 SQ. FT.
 FILL = 78.48 SQ. FT.
 SUBBALLAST = 68.34 SQ. FT.

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - 4**

USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

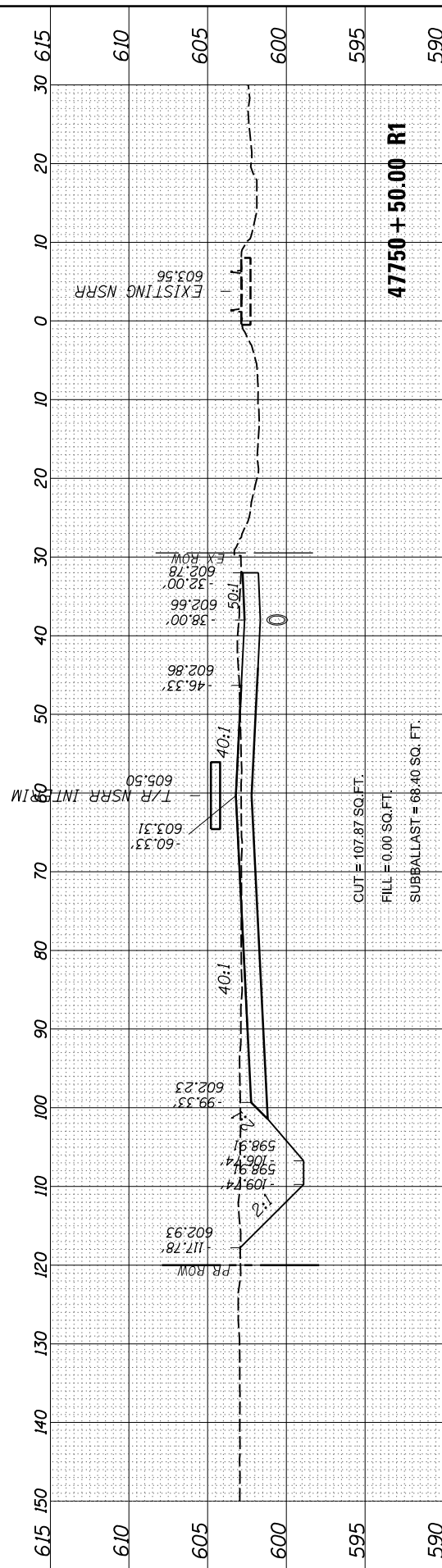
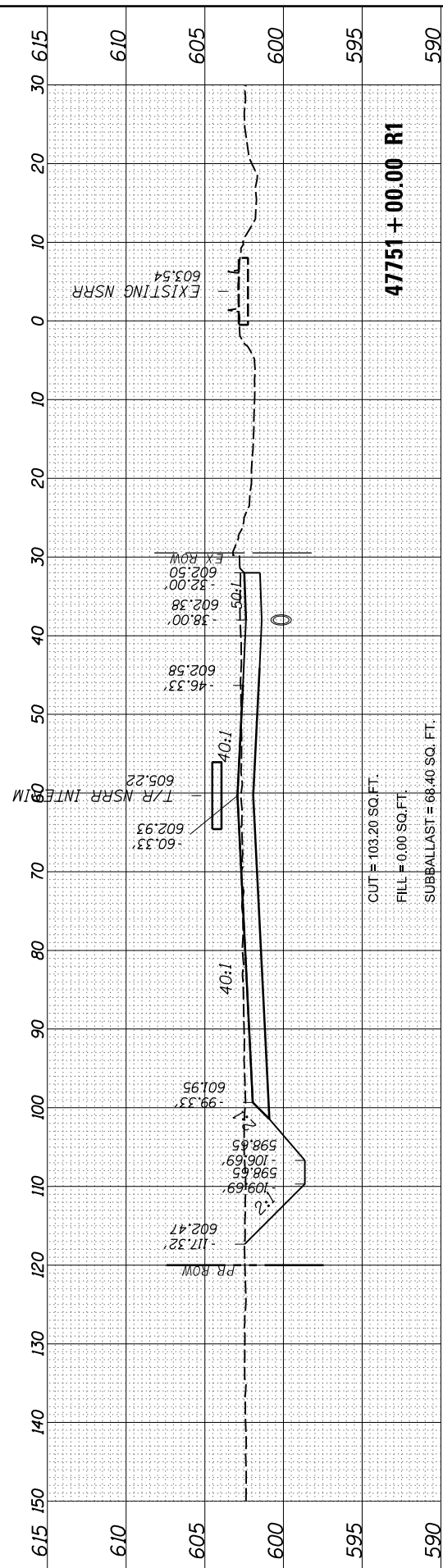
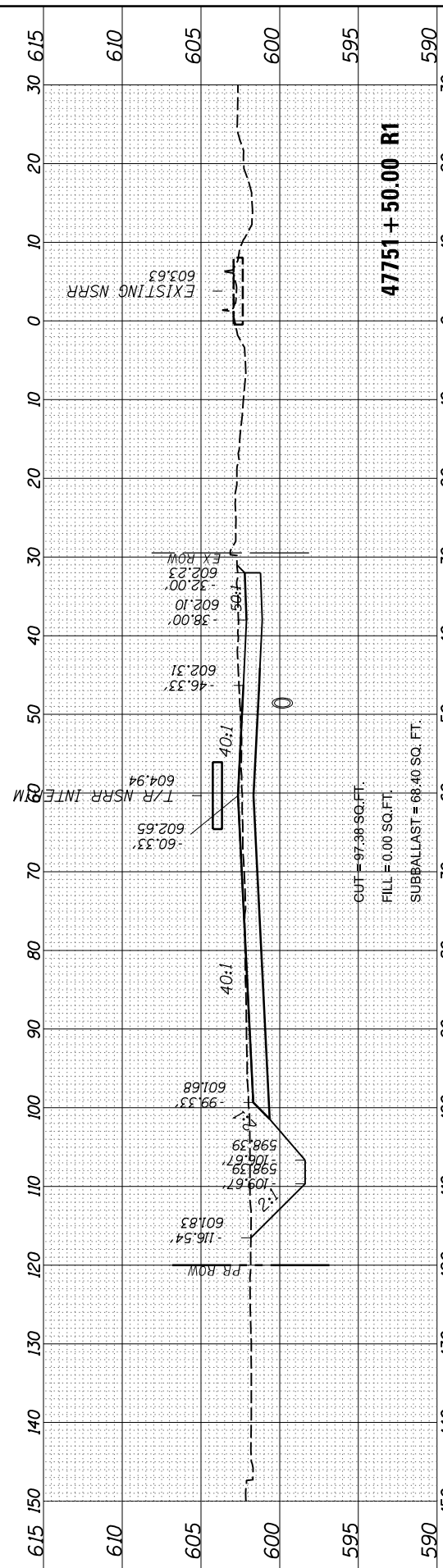
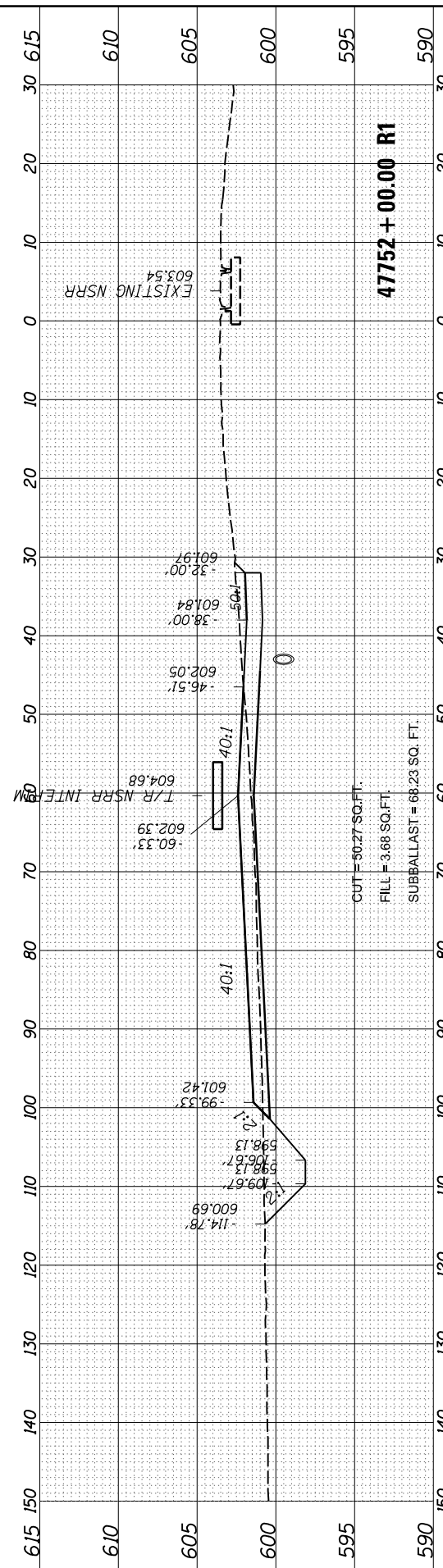
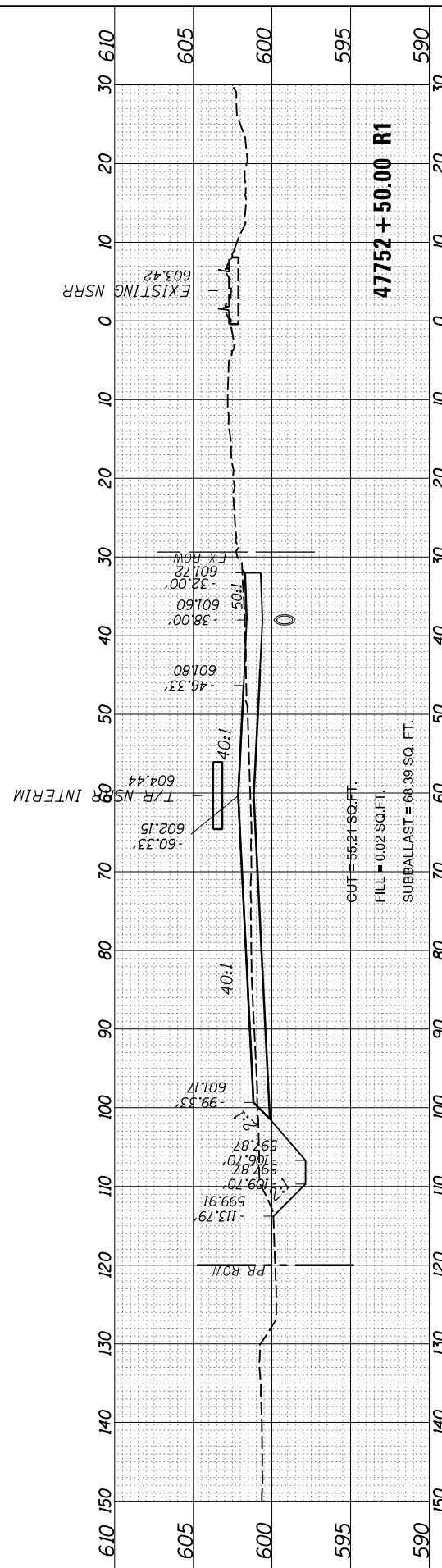
SCALE: SHEET 4 OF 9 SHEETS STA. 47748+00.00 R1 TO STA. 47750+00.00 R1

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 459
	09L0179B	CONTRACT NO. 93762		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Sheet 5
 FILE NAME: p:\a\trans\civ\w\identif\com\hanso\p\p\41\Documents\09L0179B\Usable_Segment_III - V - V\CAD\Rail\Usable_Segment_III\Sheet\09L0179B-S1T-Sections-Stage1A.dwg



USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - 5**

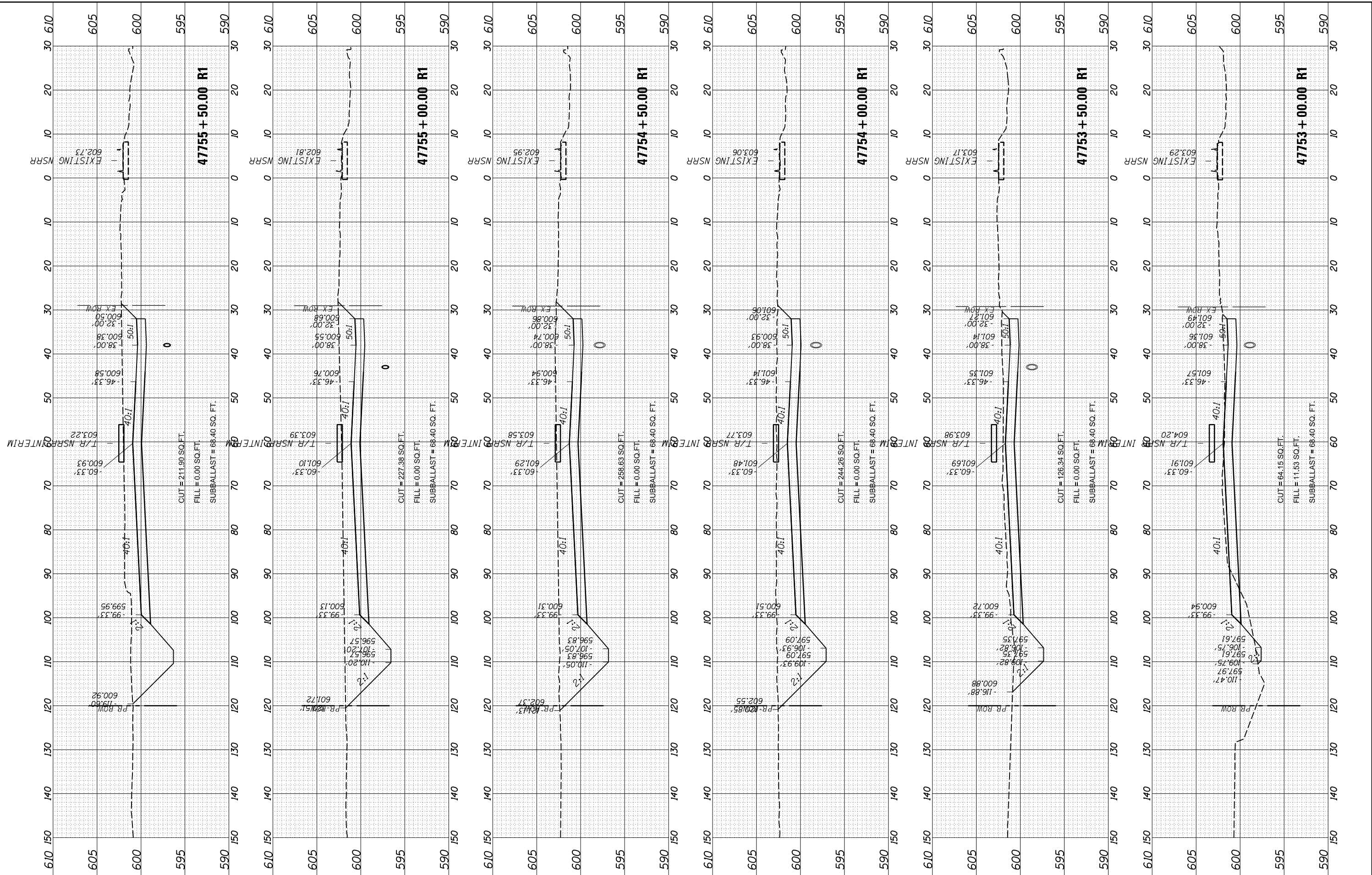
SCALE: SHEET 5 OF 9 SHEETS STA. 47752+50.00 R1 TO STA. 47750+50.00 R1

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 460
	09L0179B	CONTRACT NO. 93762		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

MODEL: Sheet 6
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN - RH	REVISED -
PLOT DATE = 11/2/2021	CHECKED - GCN	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - 6**

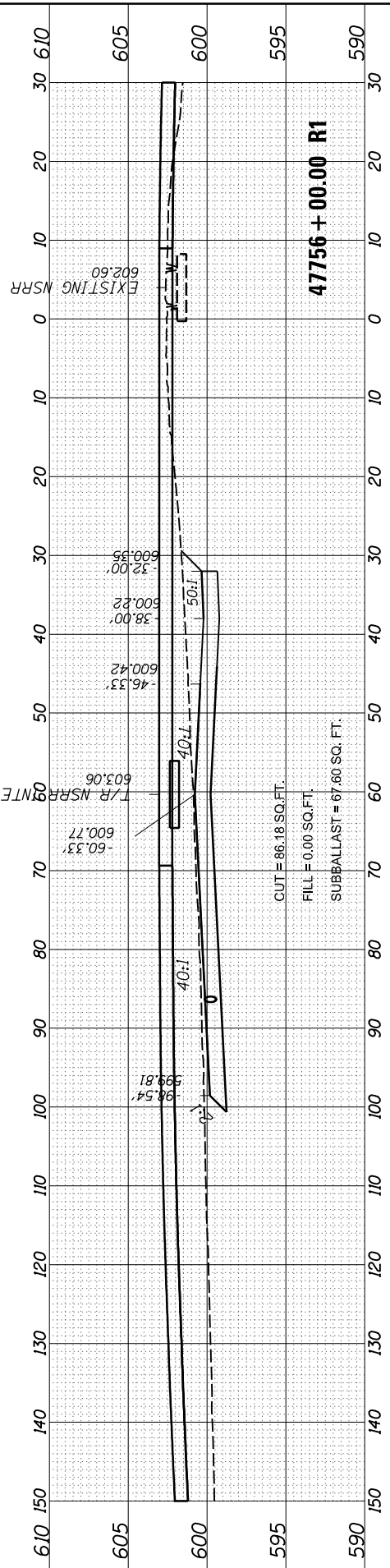
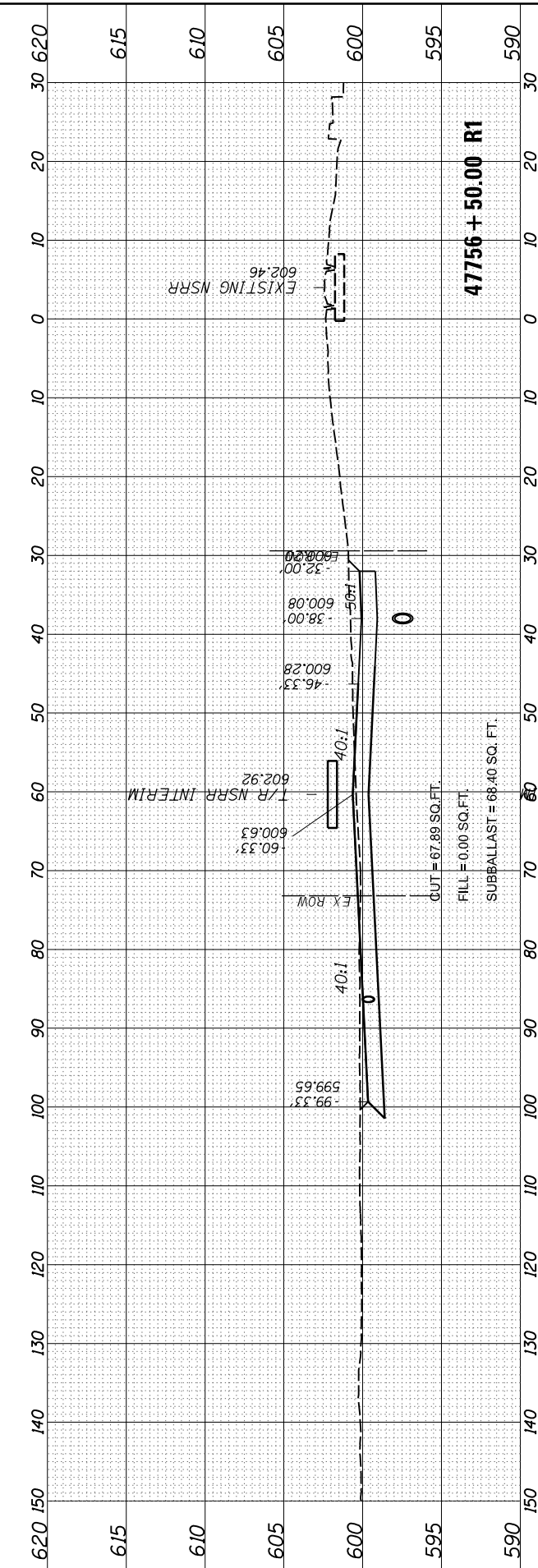
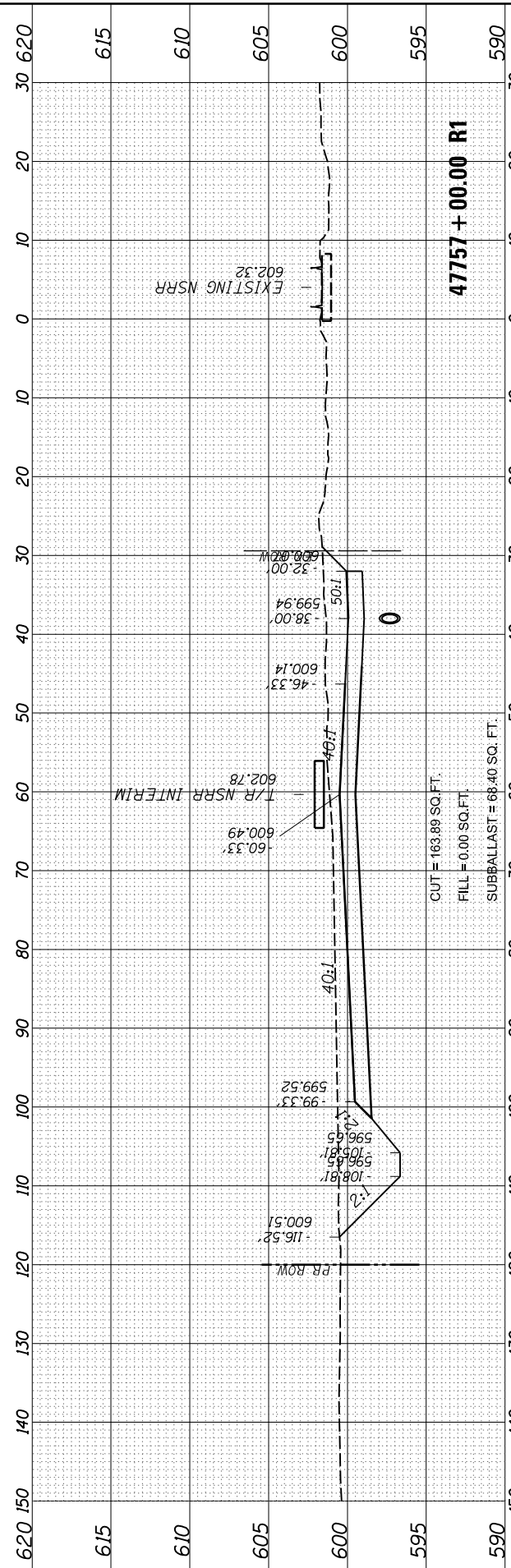
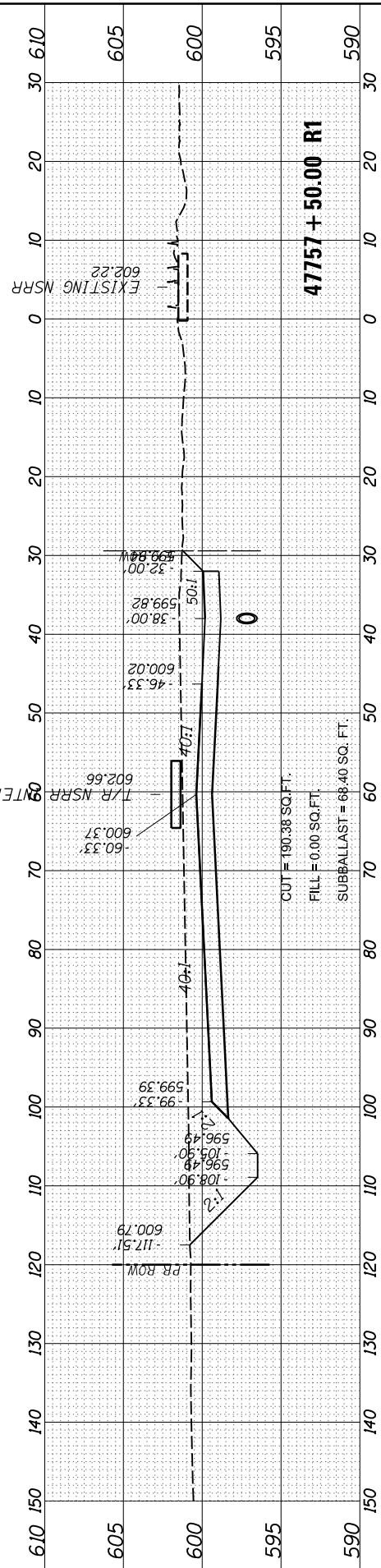
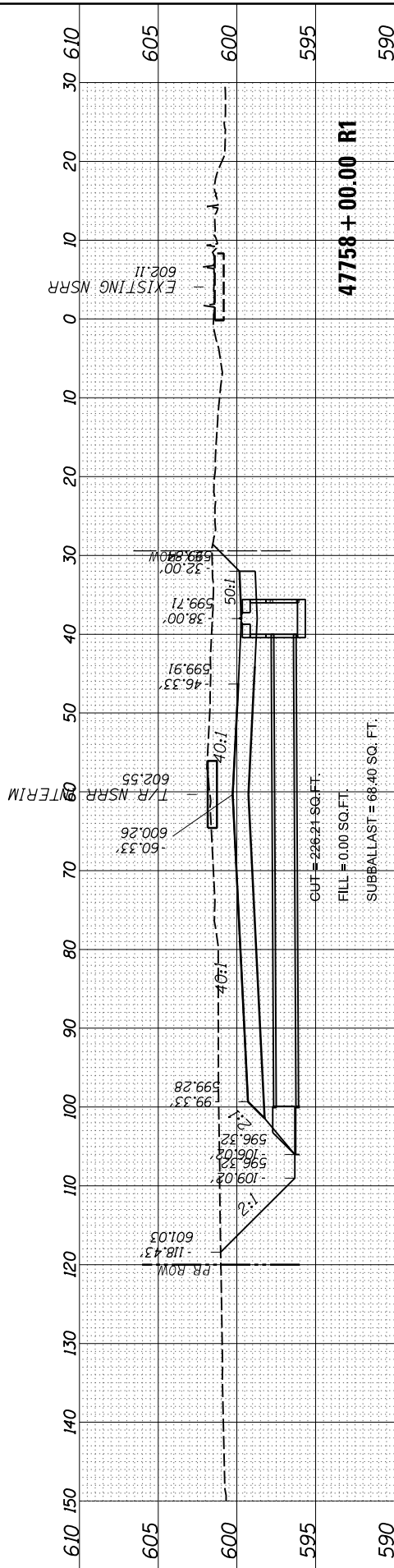
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	461
	09L0179B			CONTRACT NO. 93762
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 6 OF 9 SHEETS STA. 47753+00.00 R1 TO STA. 47755+50.00 R1

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Sheet 7
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN - RH	REVISED -
PLOT DATE = 11/2/2021	CHECKED - GCN	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - 7**

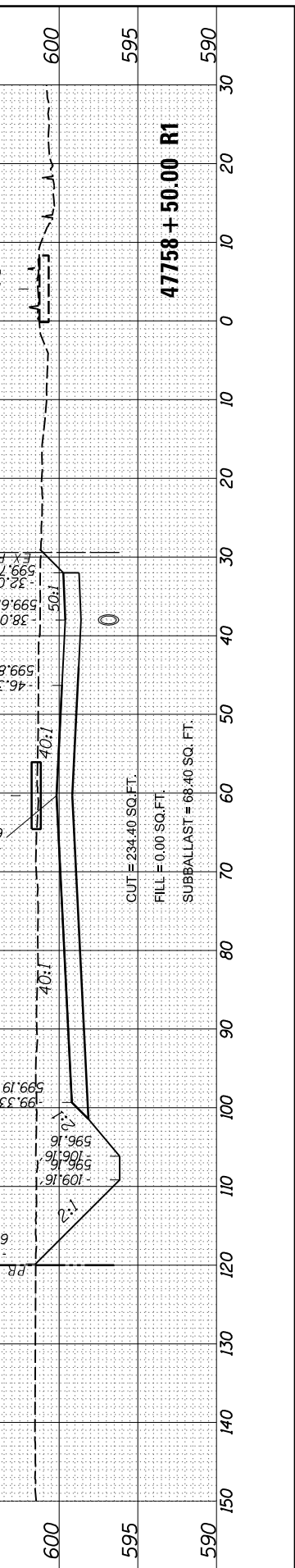
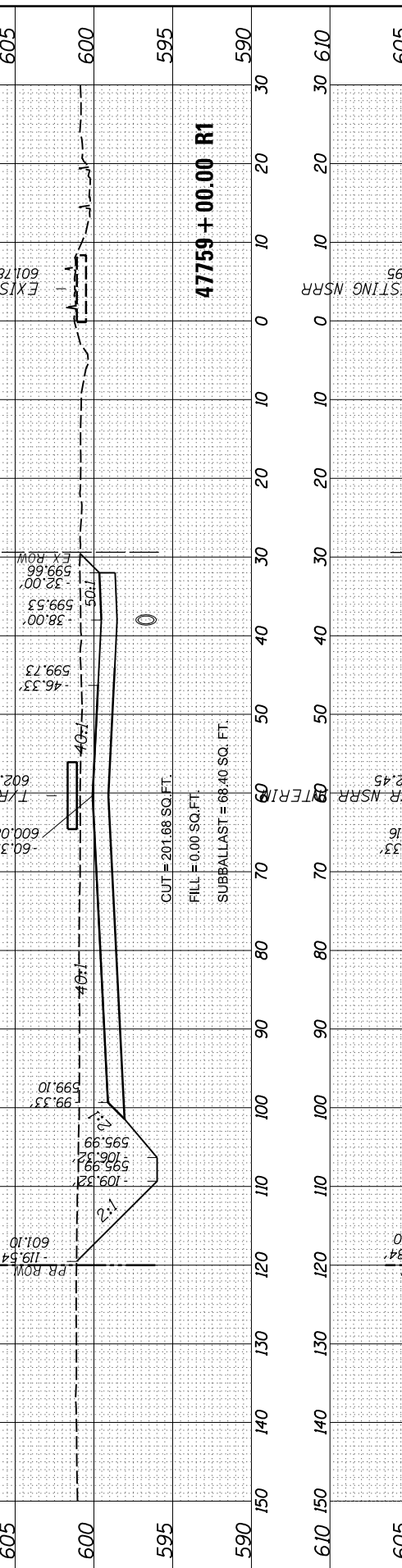
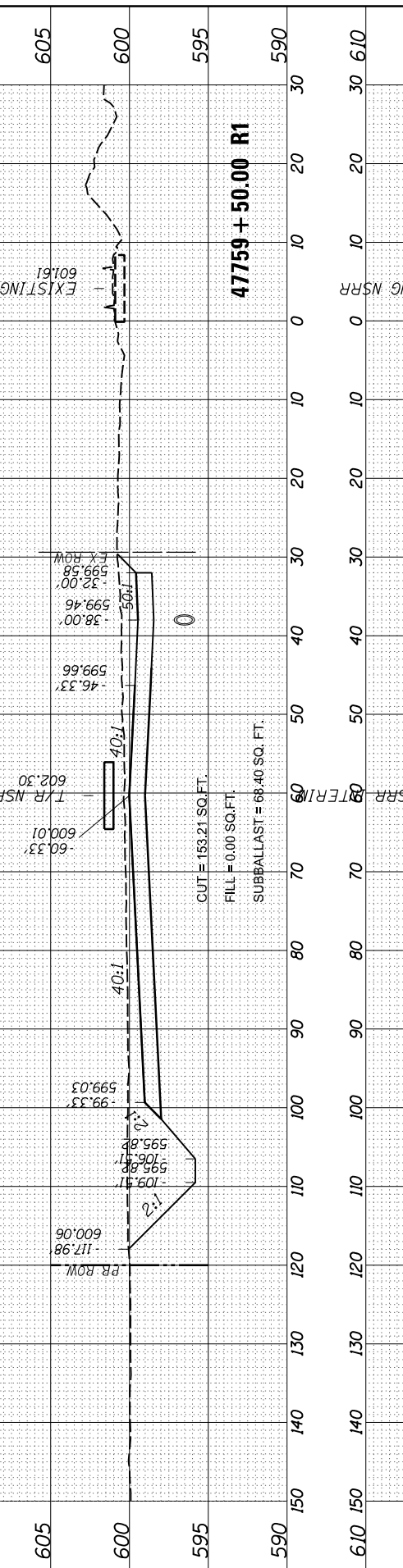
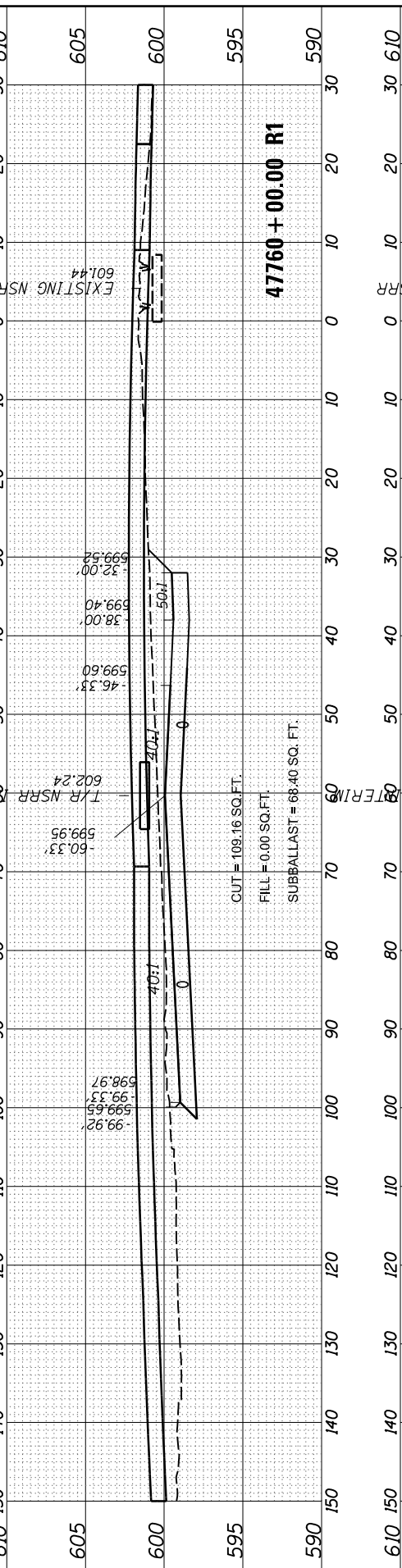
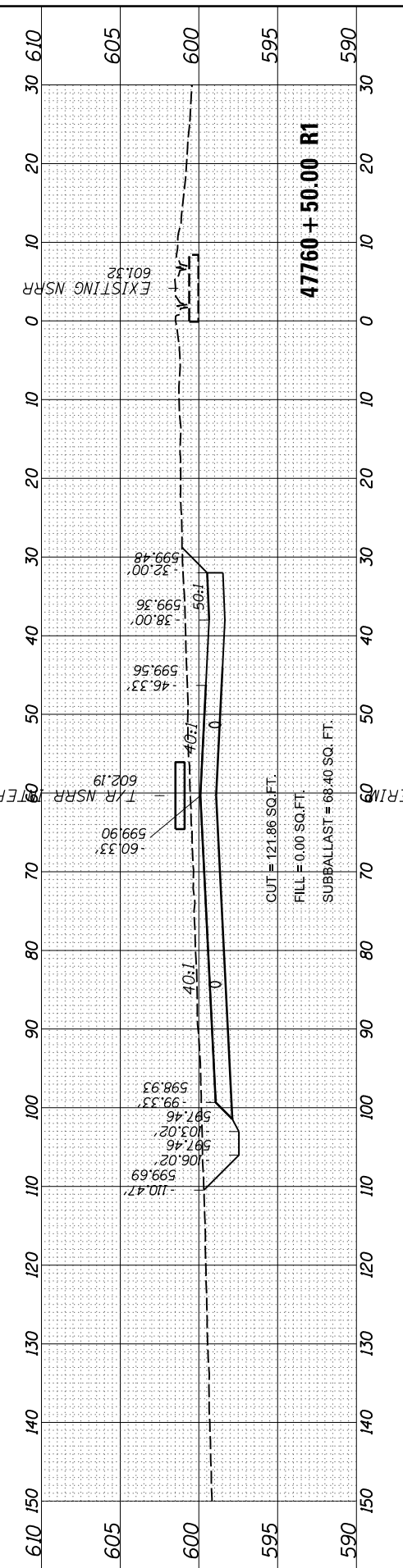
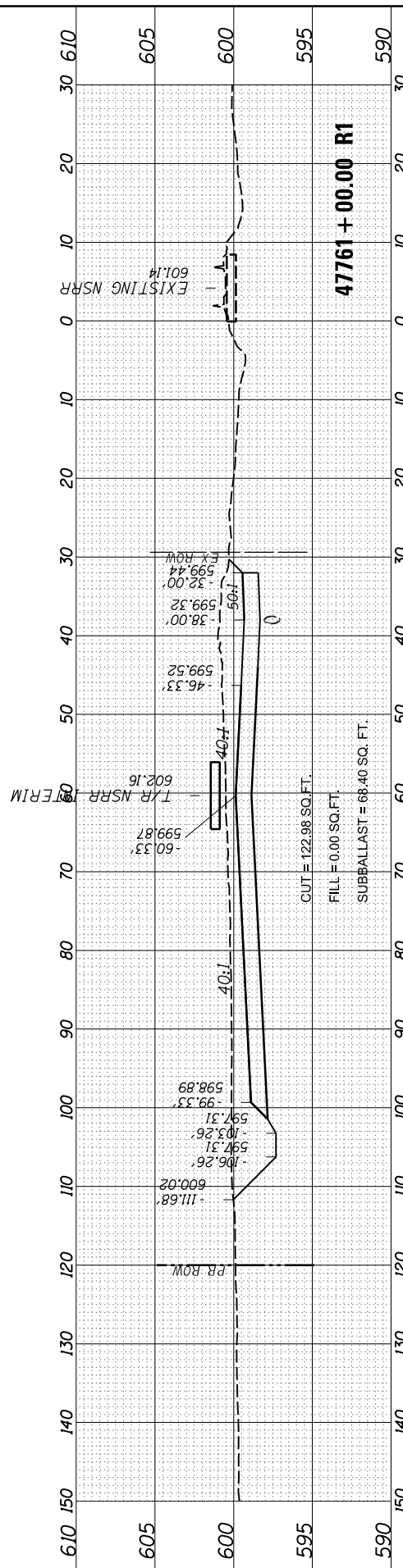
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	462
	09L0179B	CONTRACT NO.	93762	
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 7 OF 9 SHEETS STA. 47756+00.00 R1 TO STA. 47758+00.00 R1

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Sheet 8
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USER NAME =	Johns00944	DESIGNED -	GCN	REVISED -	
		DRAWN -	RH	REVISED -	
PLOT SCALE =	20.00' / in.	CHECKED -	GCN	REVISED -	
PLOT DATE =	11/2/2021	DATE -	11/1/2021	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - STAGE 1 - 8**

SCALE: SHEET 8 OF 9 SHEETS STA. 47758+50.00 R1 TO STA. 47761+00.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	463
	09L0179B			CONTRACT NO. 93762
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
	AREAS CHECKED		

MODEL: Sheet 9
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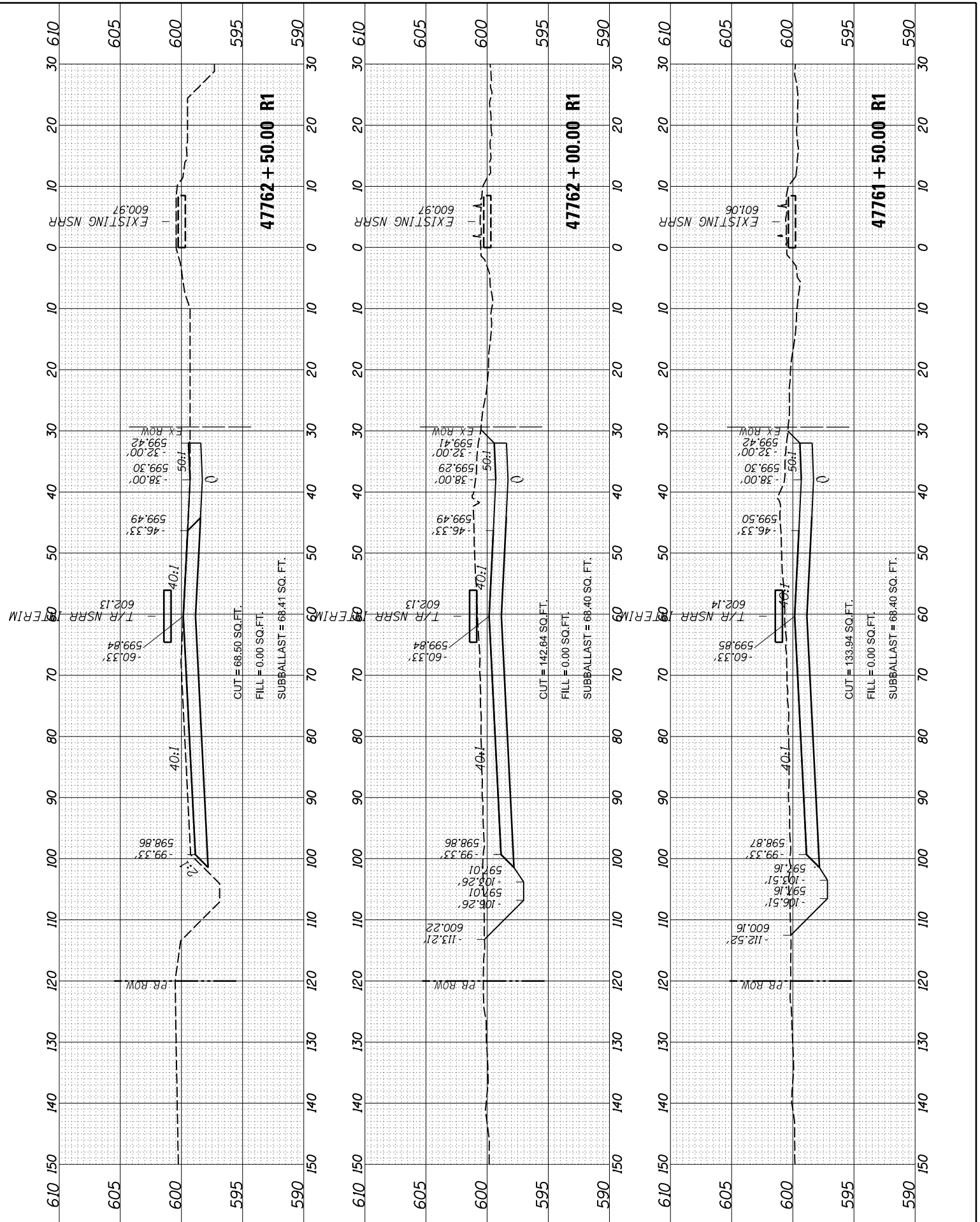
USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - 9**

SCALE: SHEET 9 OF 9 SHEETS STA. 47761+50.00 R1 TO STA. 47762+50.00 R1

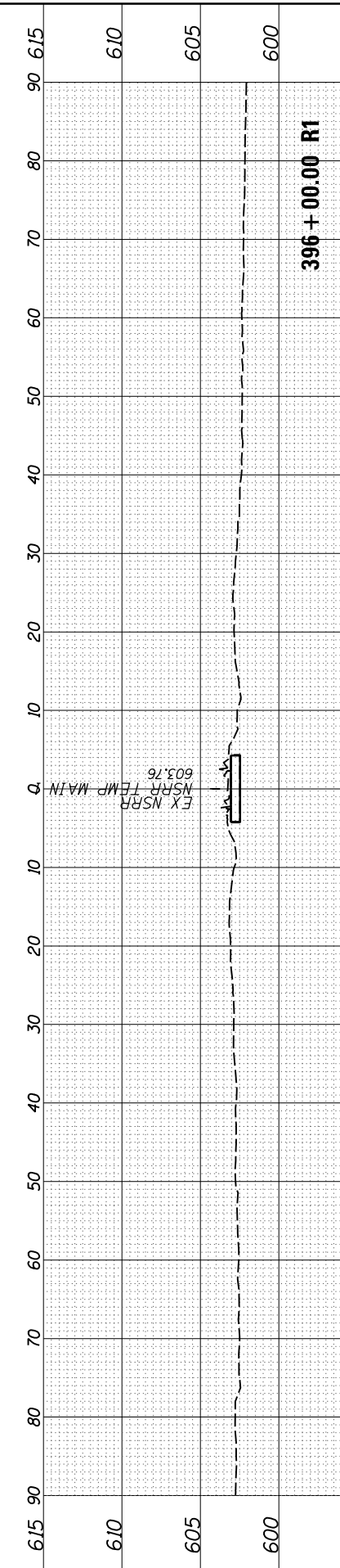
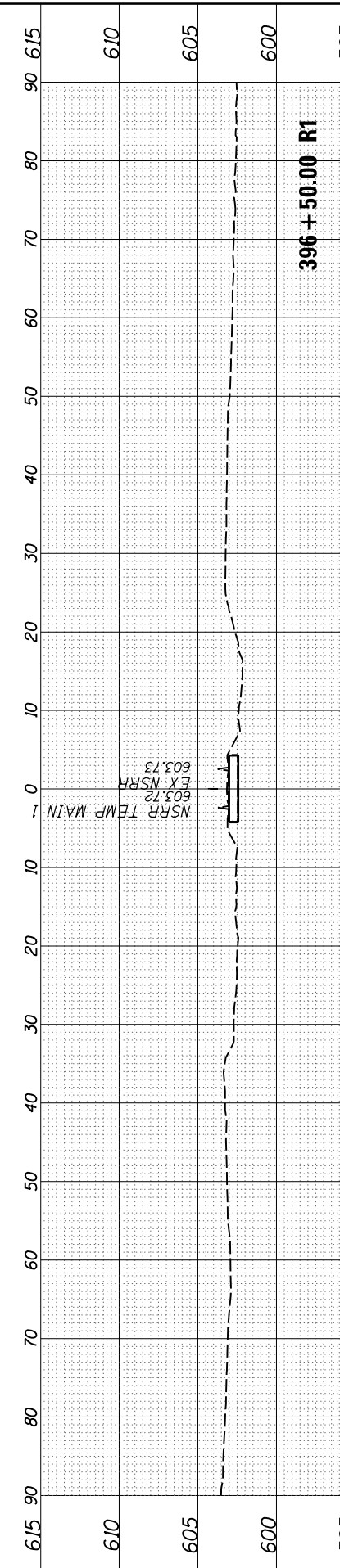
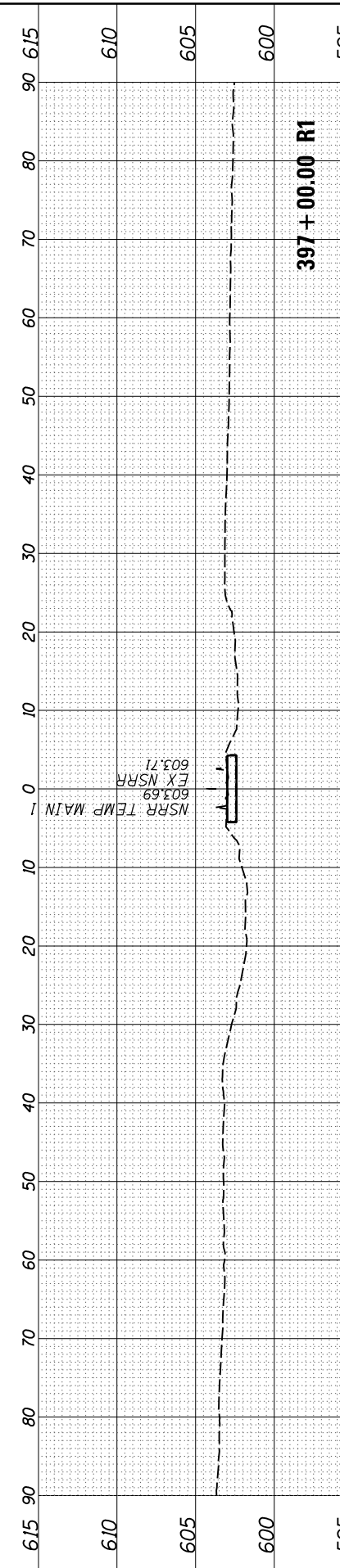
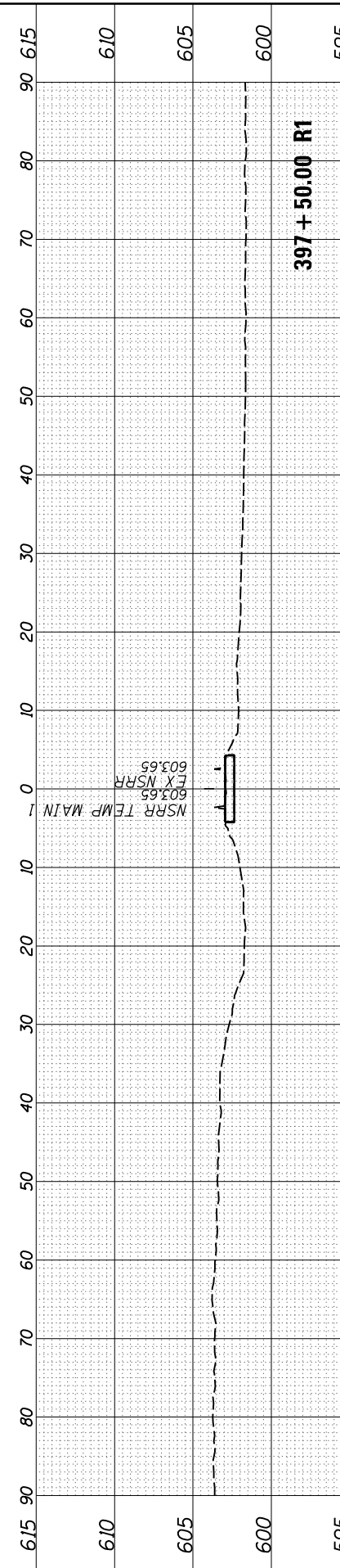
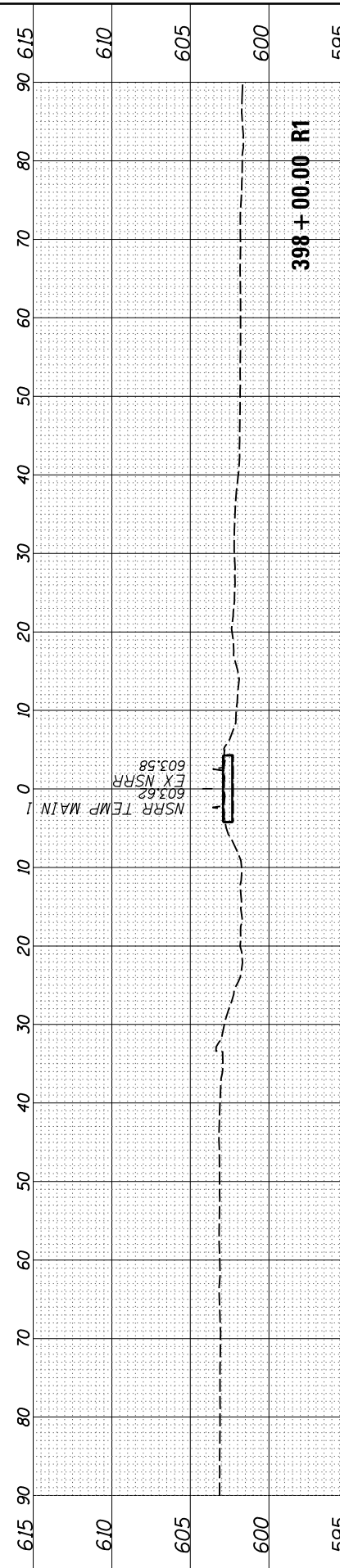
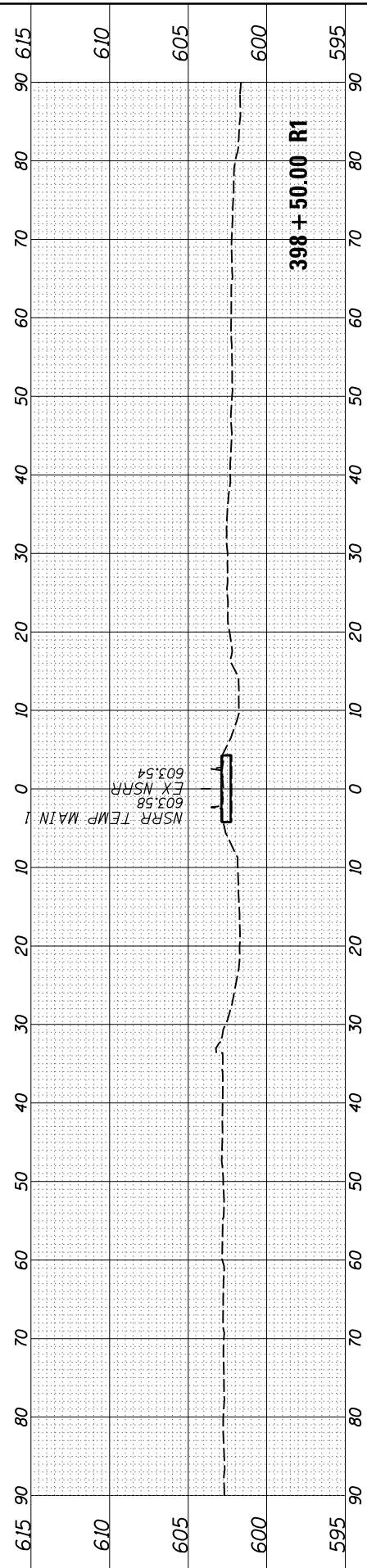
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	464
	09L0179B	CONTRACT NO.	93762	
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

MODEL Sheet 1
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - TEMP MAIN 1 - 1**

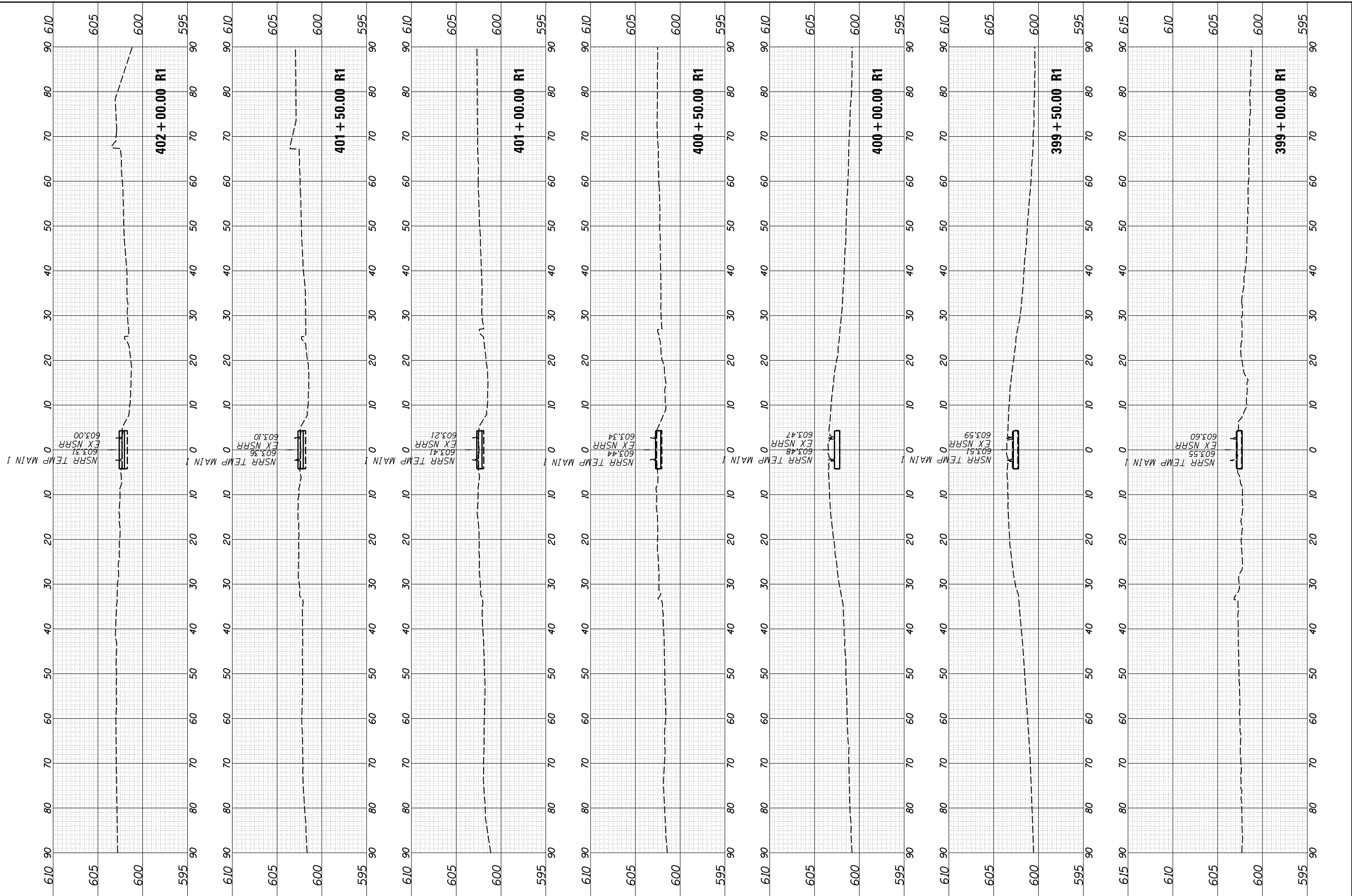
SCALE: SHEET 1 OF 7 SHEETS STA. 396+00.00 R1 TO STA. 398+50.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	465
09L0179B		CONTRACT NO.	93762	
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	DATE
PLOTTED TEMPLATE	BY	
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	DATE
PLOTTED TEMPLATE	BY	
NOTE BOOK		
AREAS CHECKED		

MODEL: Sheet 2
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN - RH	REVISED -
PLOT DATE = 11/2/2021	CHECKED - GCN	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

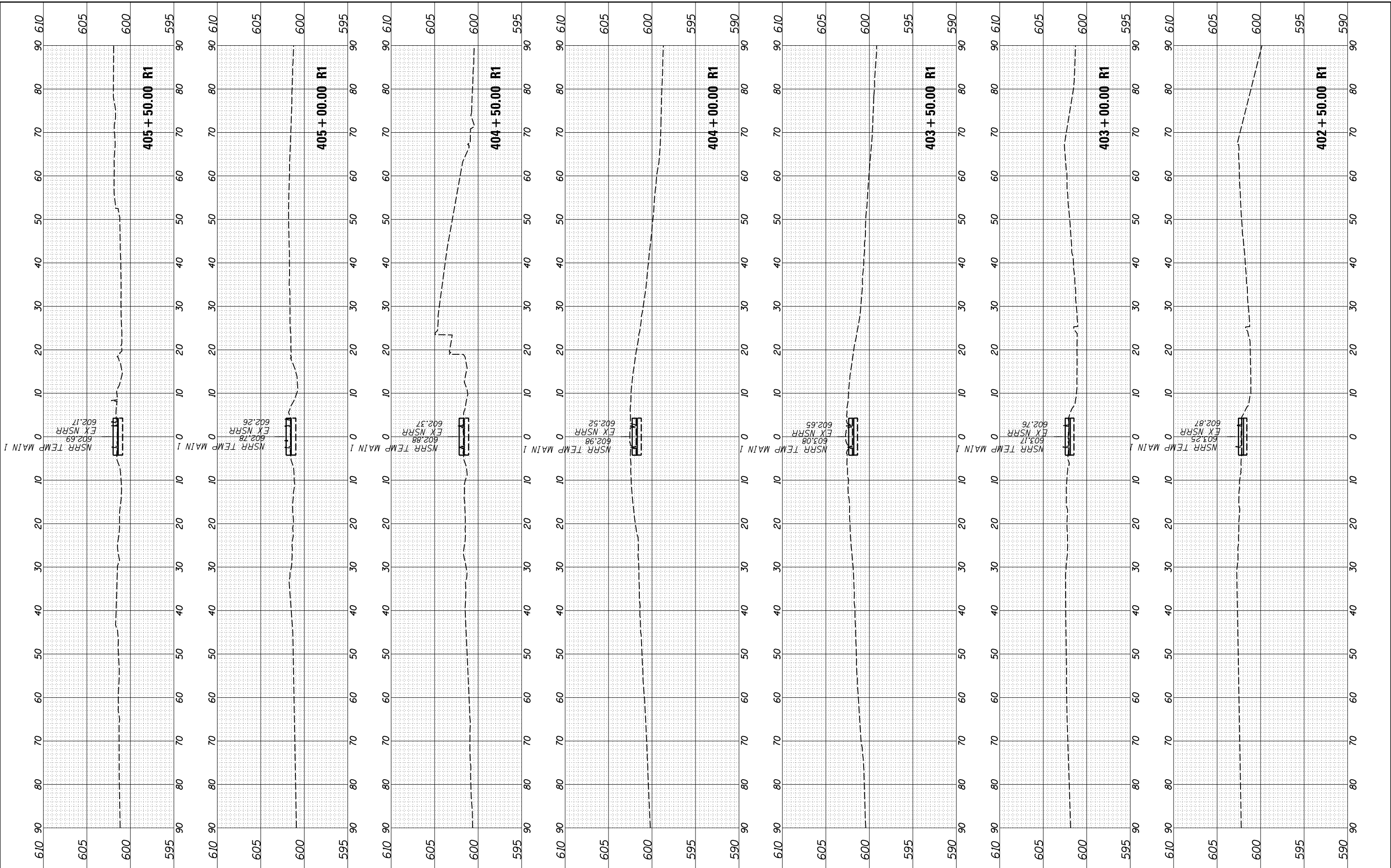
SPRINGFIELD RAIL IMPROVEMENTS PROJECT		
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS		
CROSS SECTIONS - STAGE 1 - TEMP MAIN 1 - 2		
SCALE:	SHEET 2 OF 7 SHEETS	STA. 399+00.00 R1 TO STA. 402+00.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	466
	09L0179B		CONTRACT NO. 93762	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - TEMP MAIN 1 - 3**

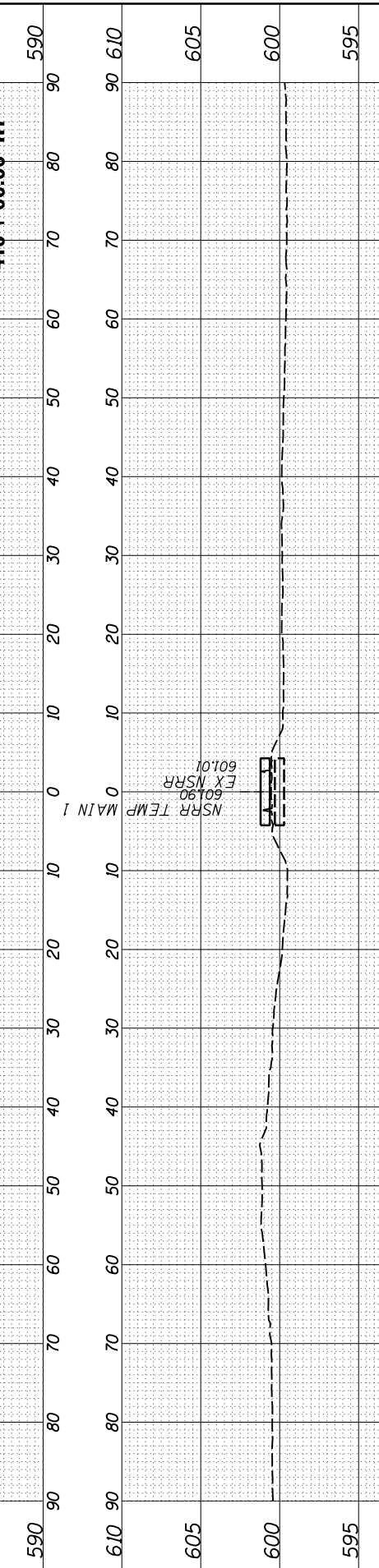
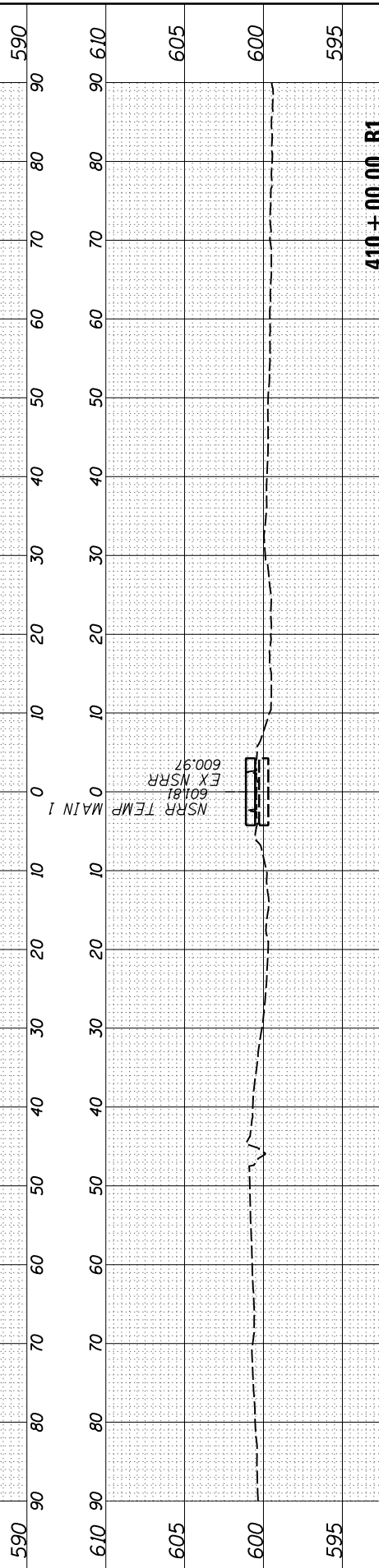
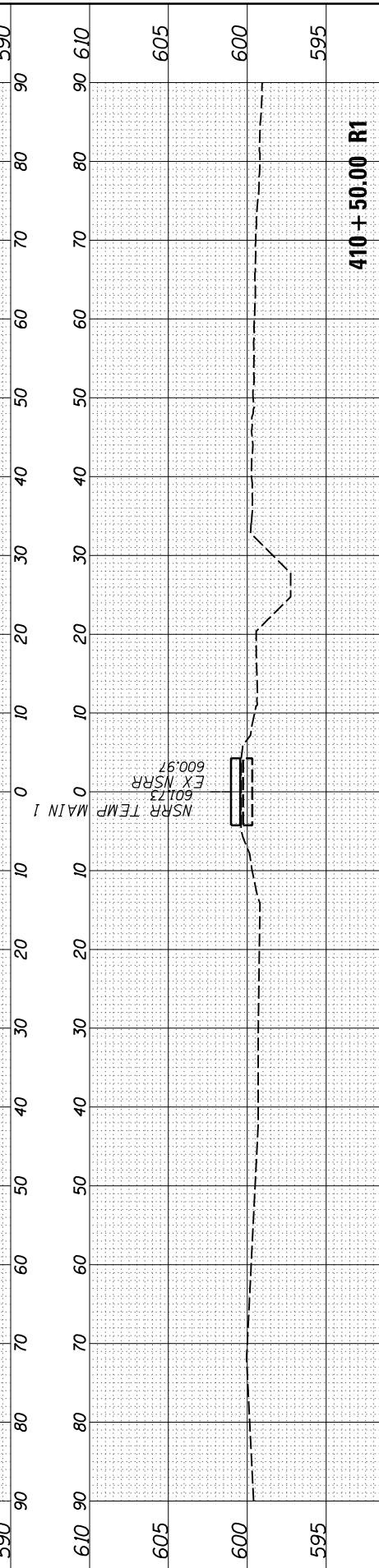
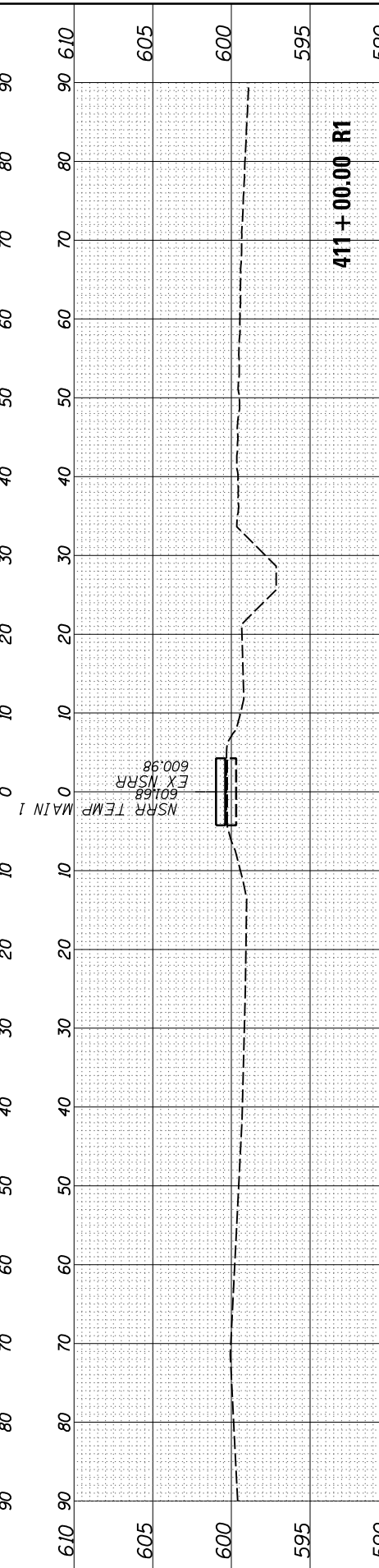
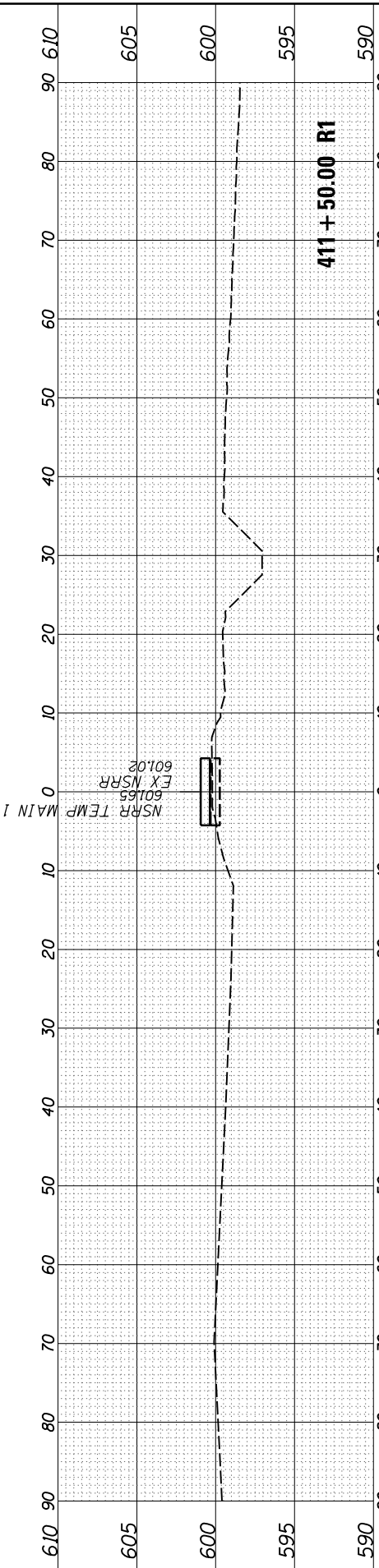
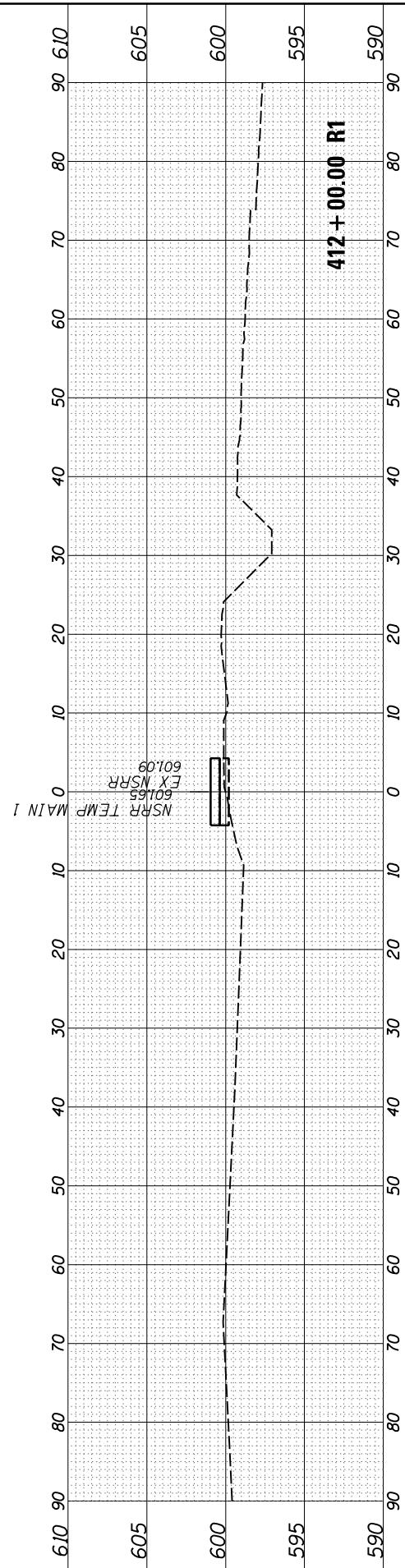
SCALE: SHEET 3 OF 7 SHEETS STA. 402+50.00 R1 TO STA. 405+50.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	467
	09L0179B			CONTRACT NO. 93762
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Sheet 5
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USER NAME =	Johns00944
DESIGNED -	GCN
DRAWN -	RH
CHECKED -	GCN
DATE -	11/1/2021
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/2/2021

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - TEMP MAIN 1 - 5**

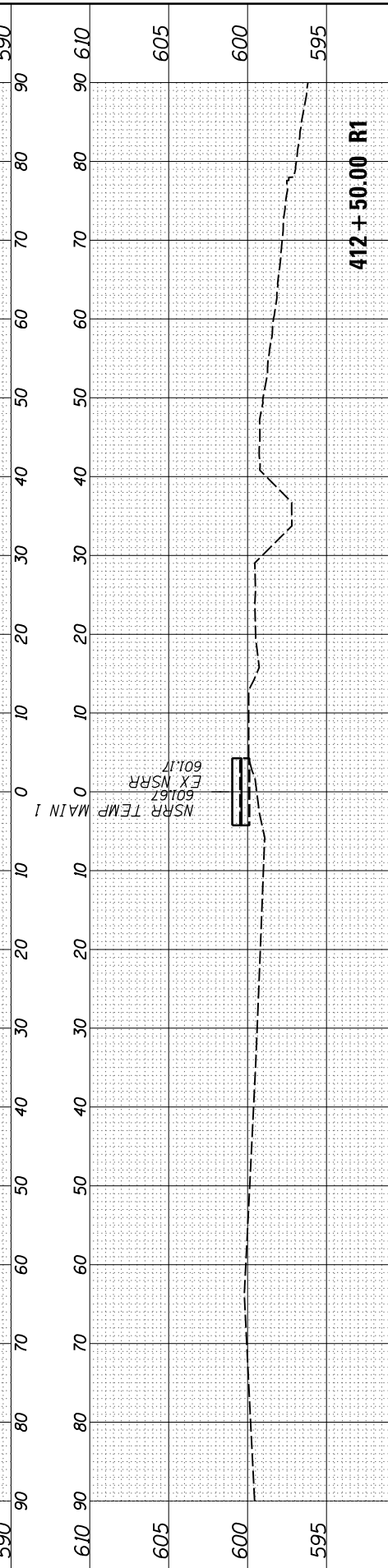
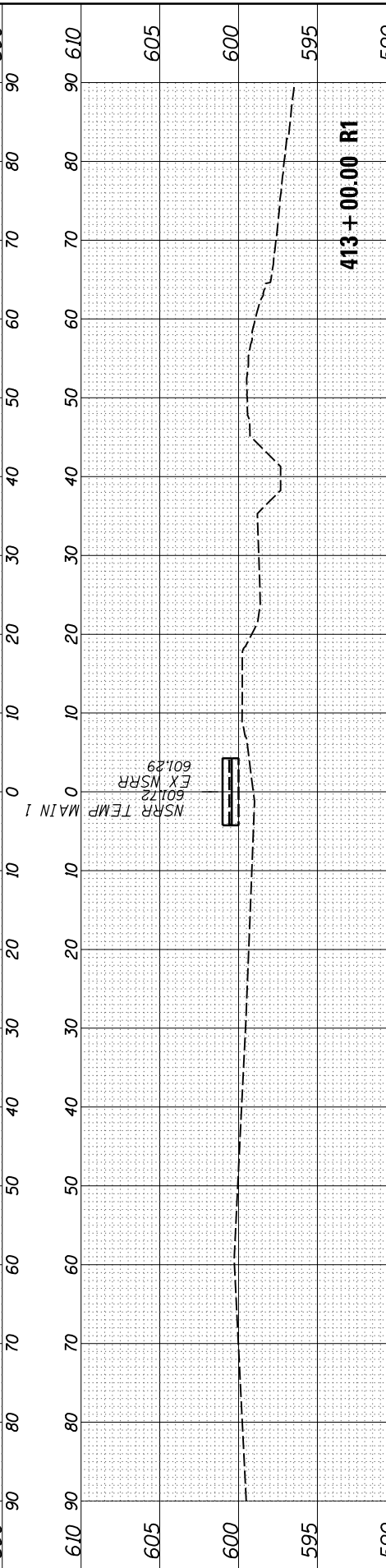
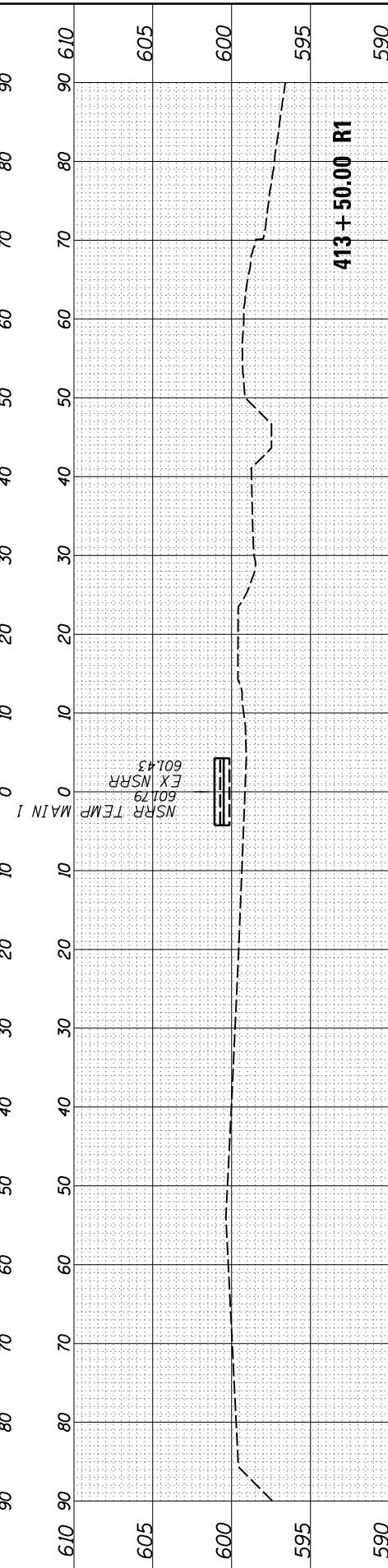
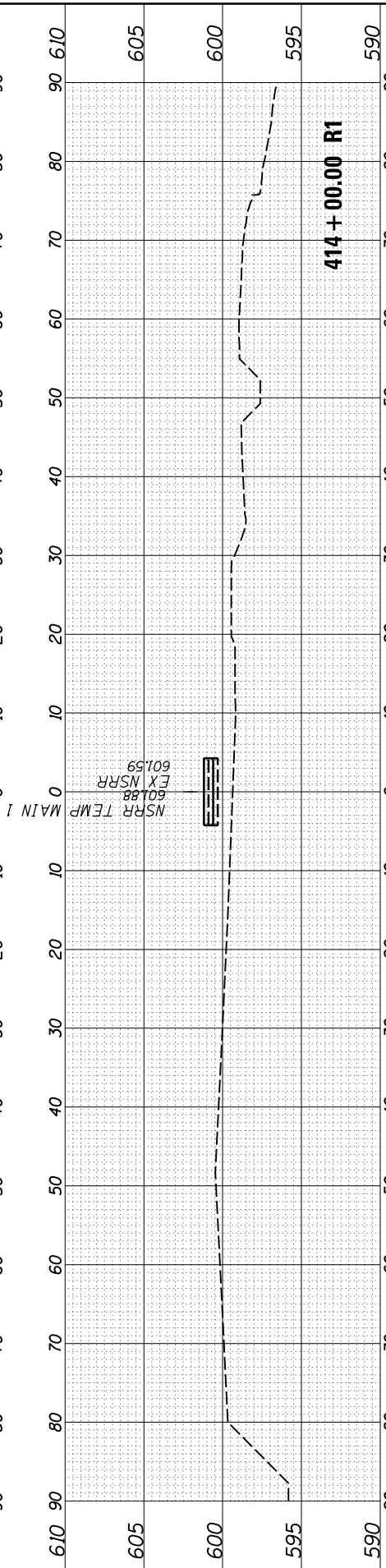
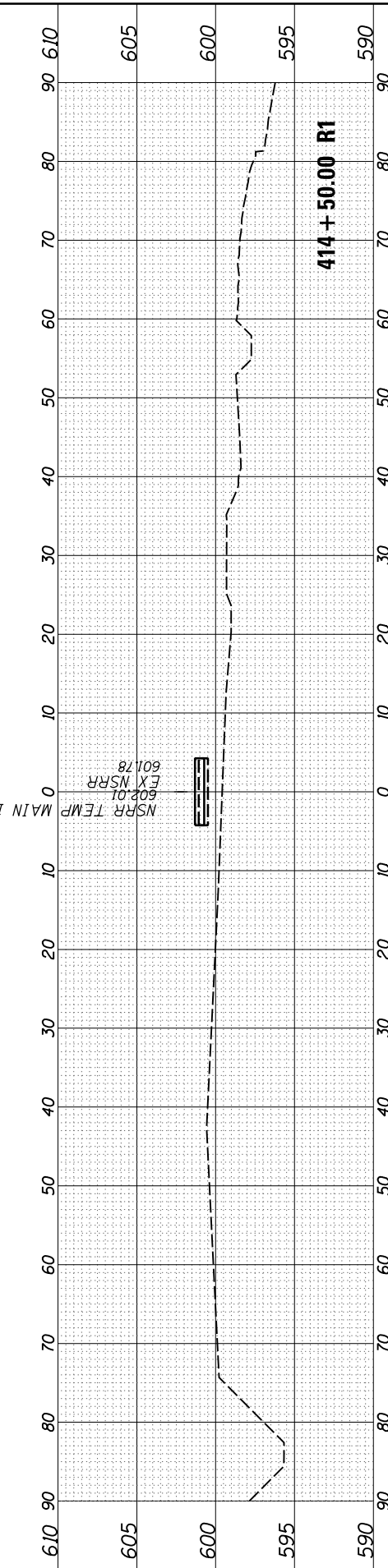
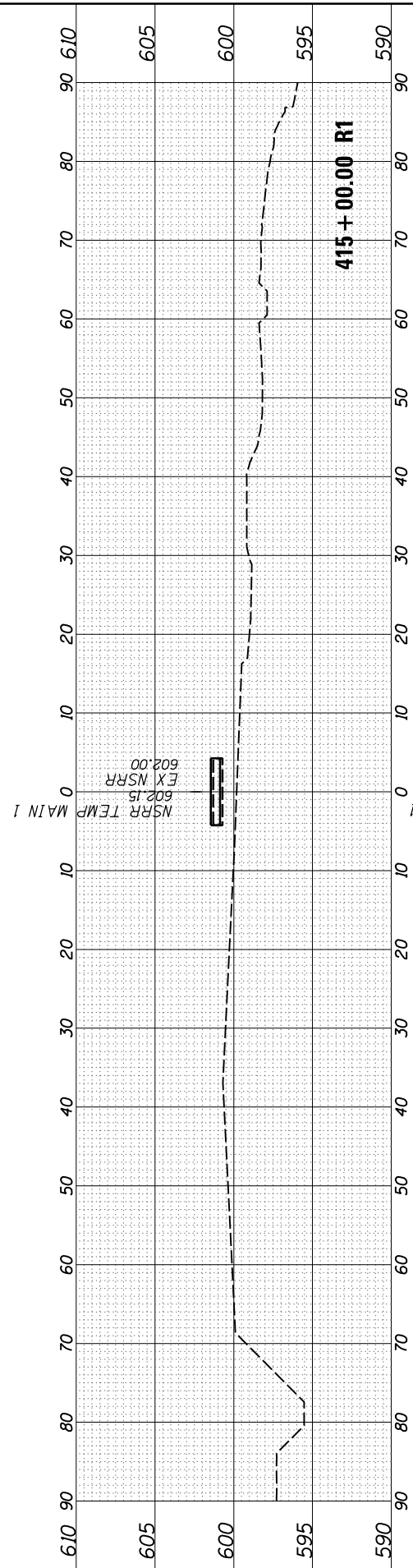
SCALE: SHEET 5 OF 7 SHEETS STA. 409+50.00 R1 TO STA. 412+00.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	469
	09L0179B			CONTRACT NO. 93762
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: Sheet 6
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USER NAME =	Johns00944
DESIGNED -	GCN
DRAWN -	RH
CHECKED -	GCN
DATE -	11/1/2021

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - TEMP MAIN 1 - 6**

SCALE: SHEET 6 OF 7 SHEETS STA. 412+50.00 R1 TO STA. 415+00.00 R1

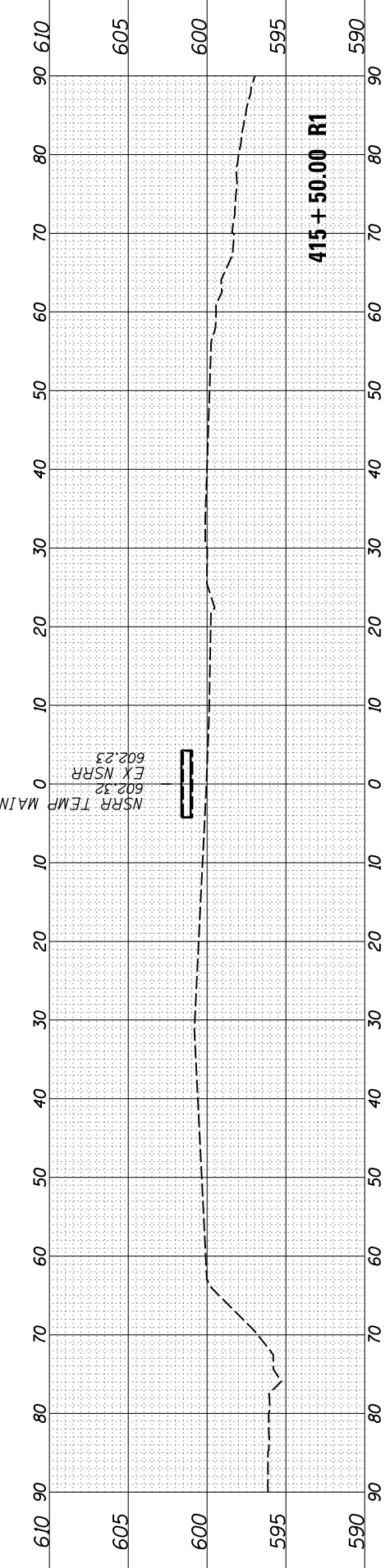
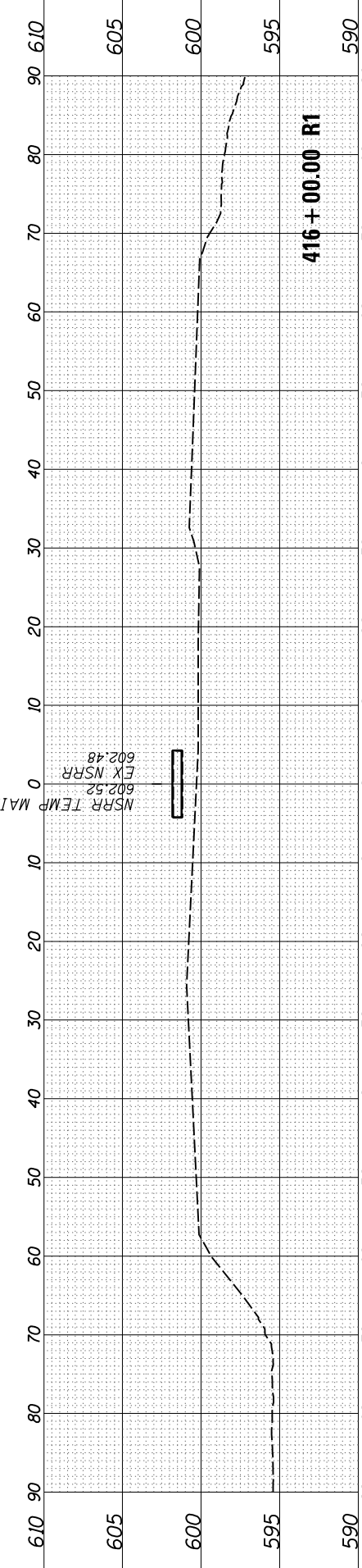
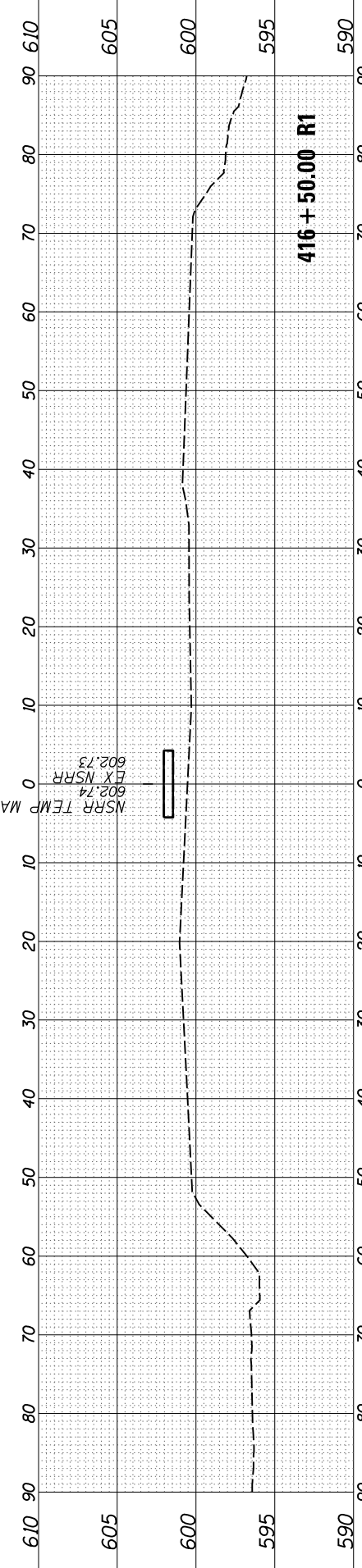
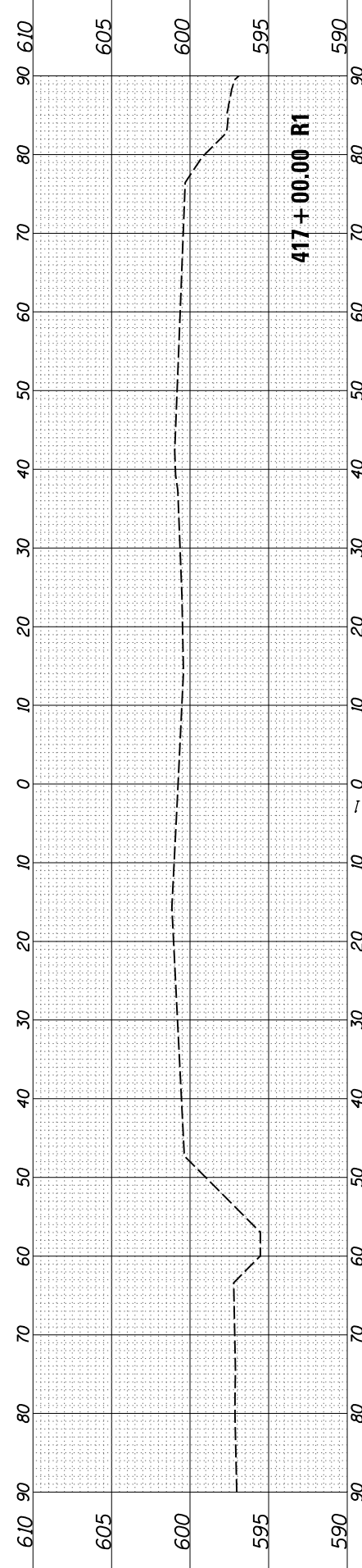
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	470
	09L0179B		CONTRACT NO.	93762
	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

MODEL: Sheet 7
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 1 - TEMP MAIN 1 - 7

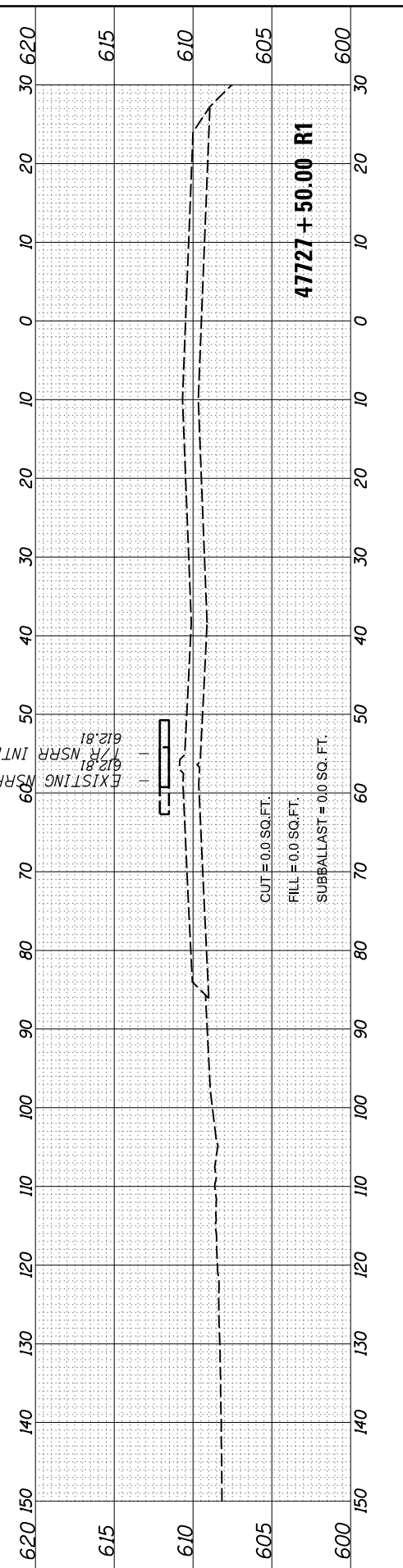
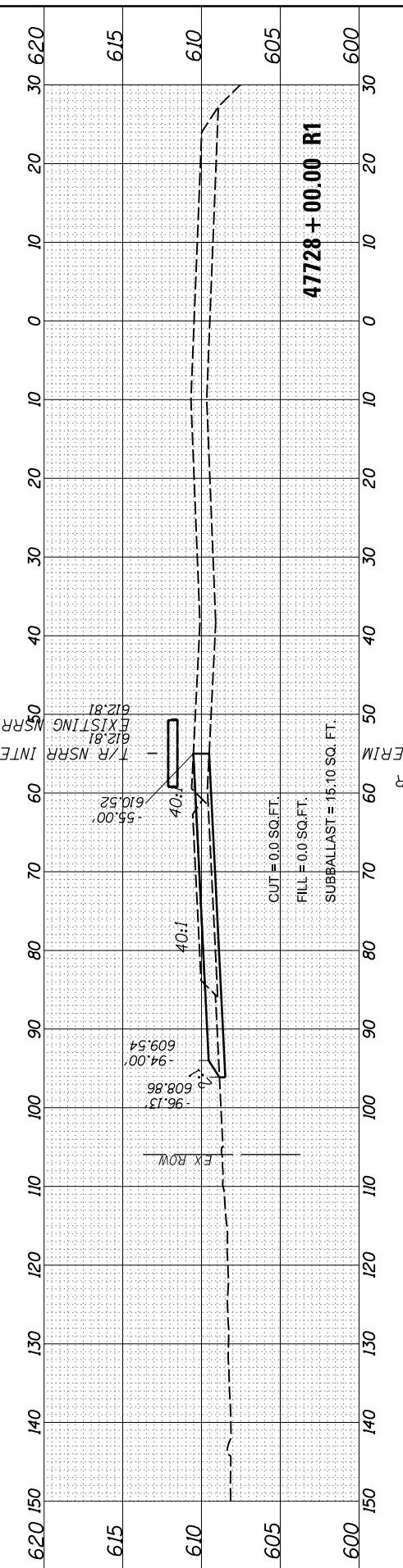
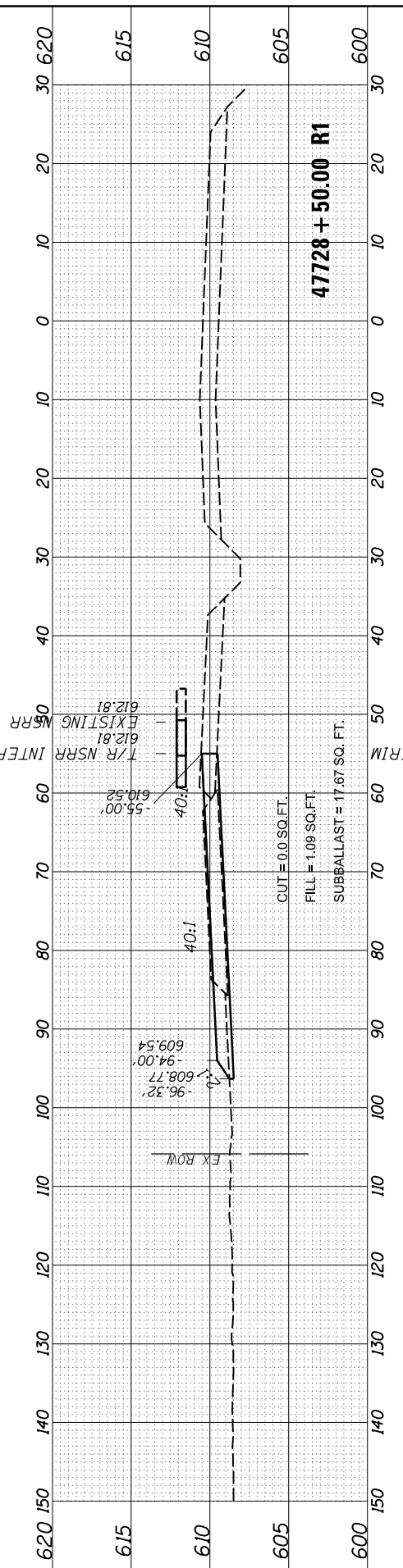
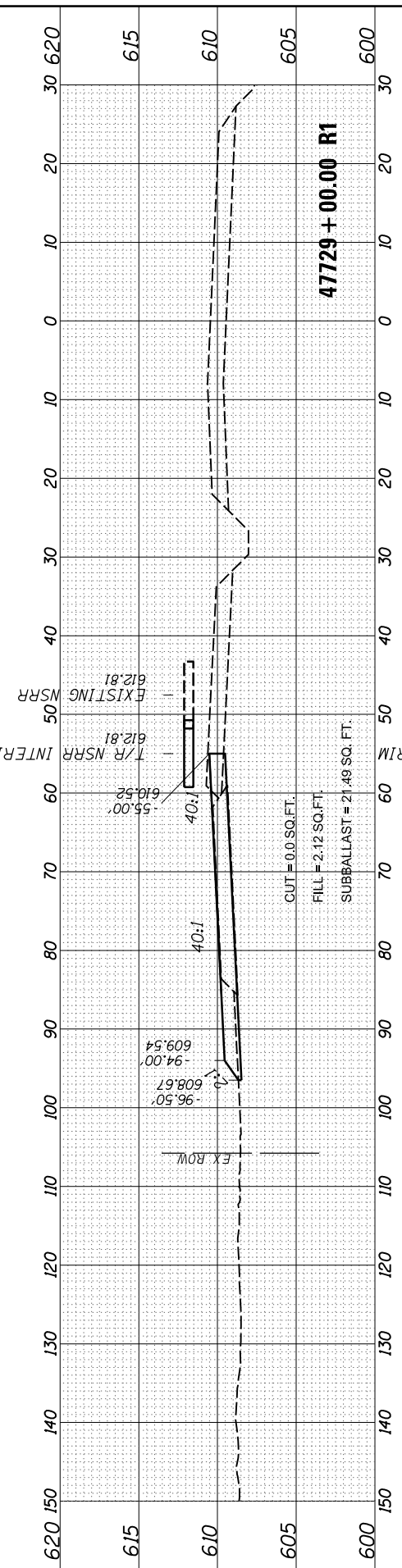
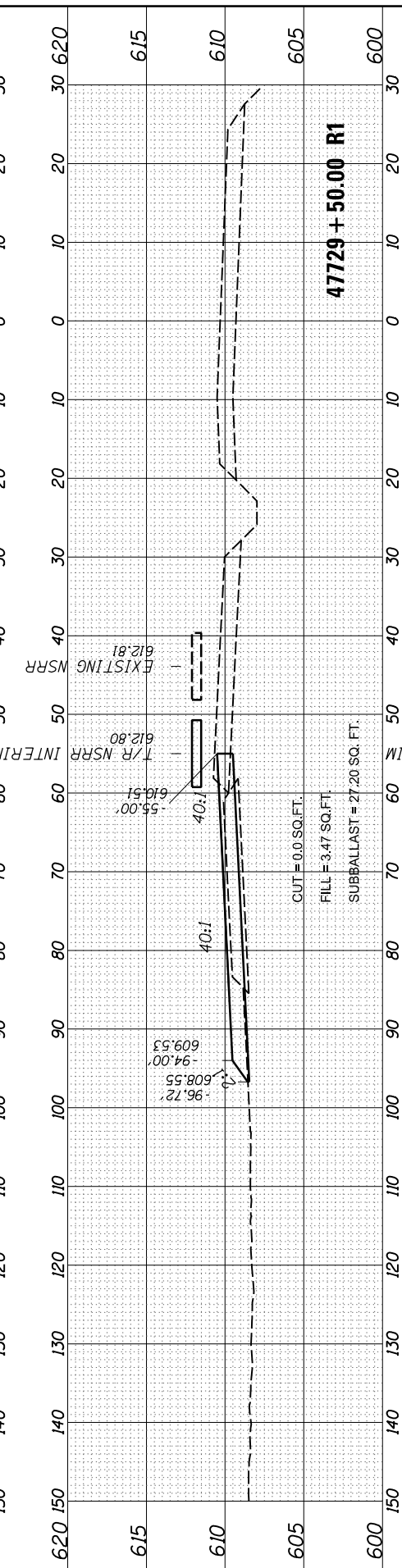
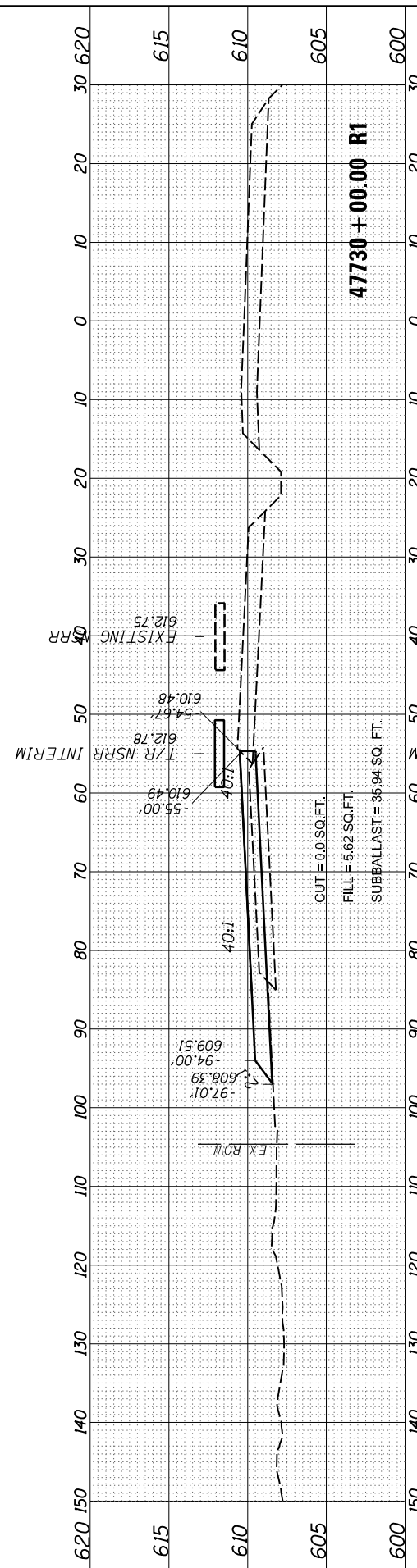
SCALE: SHEET 7 OF 7 SHEETS STA. 415+50.00 R1 TO STA. 417+00.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	471
	09L0179B		CONTRACT NO. 93762	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Sheet 1
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 2 - SOUTH - 1**

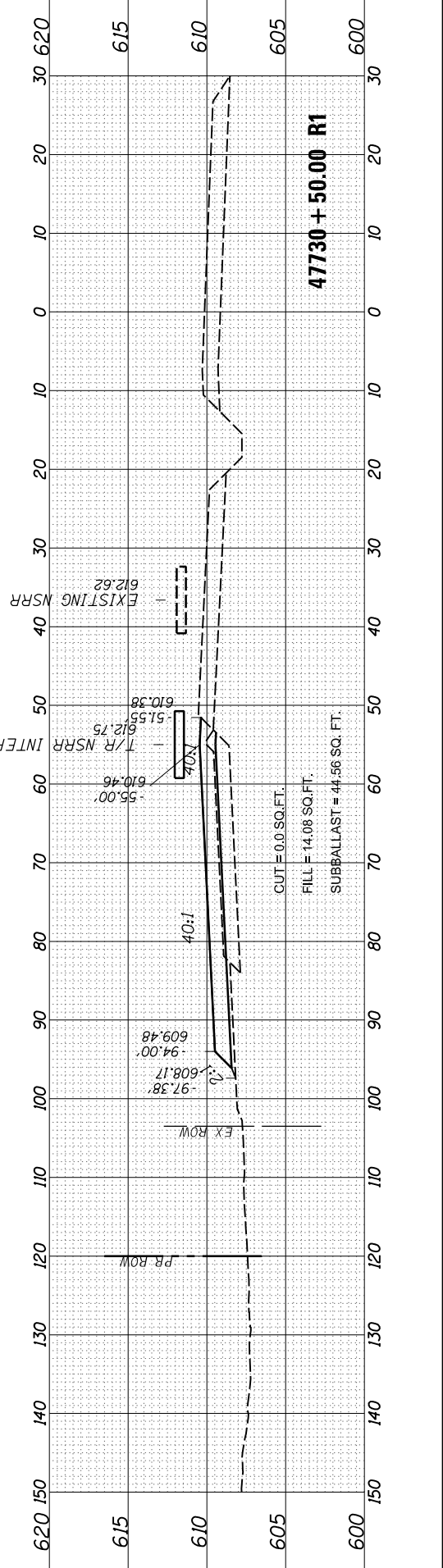
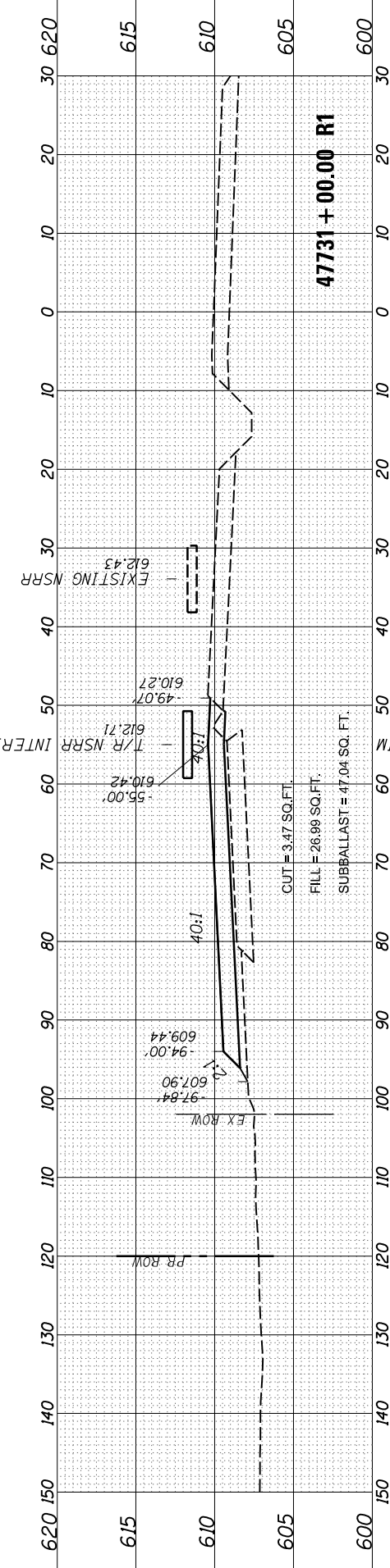
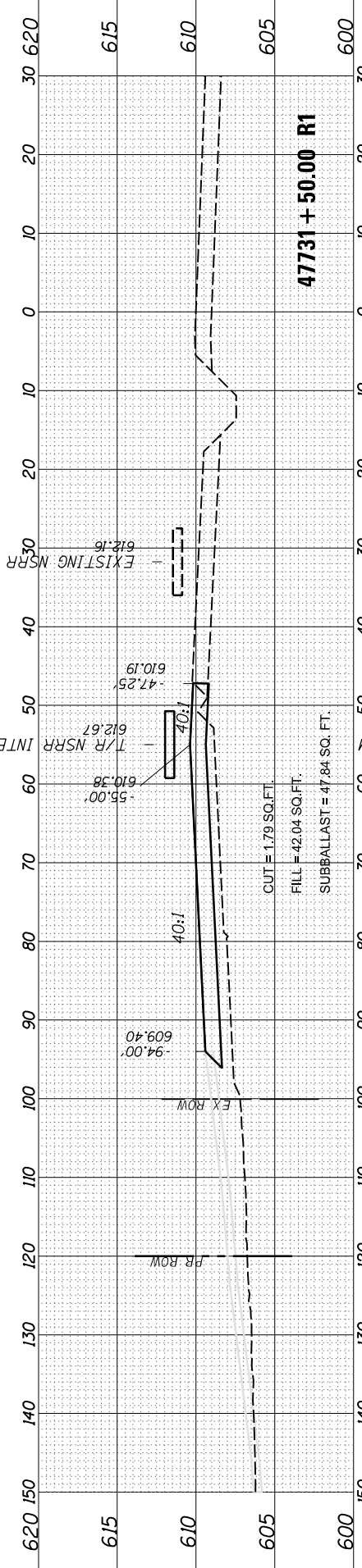
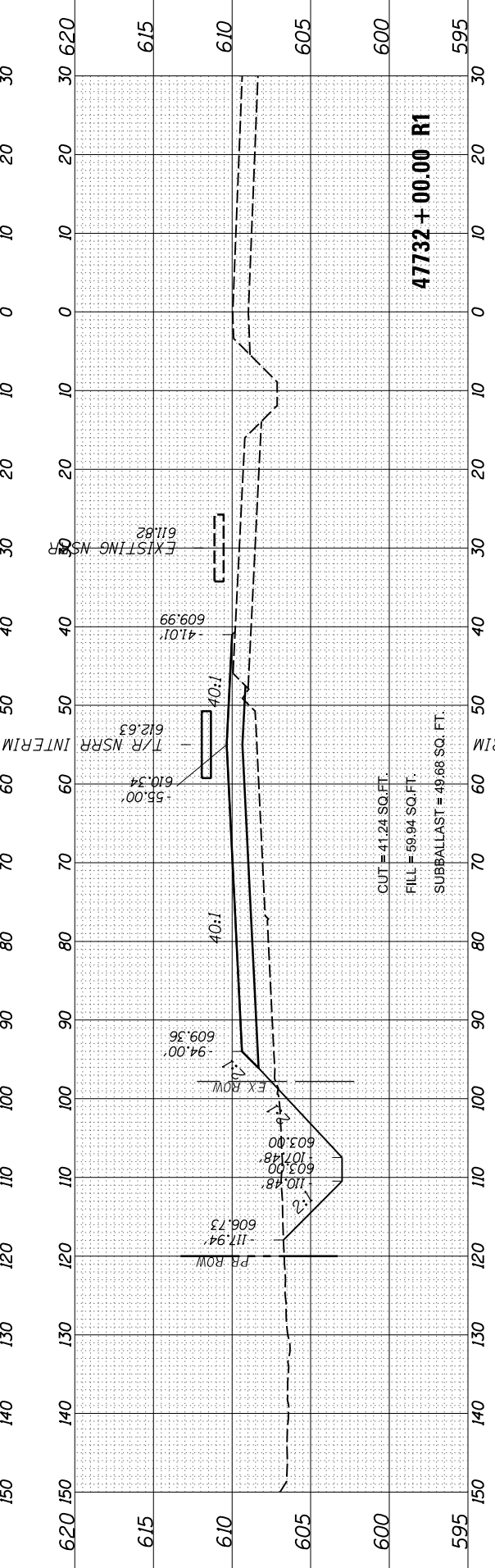
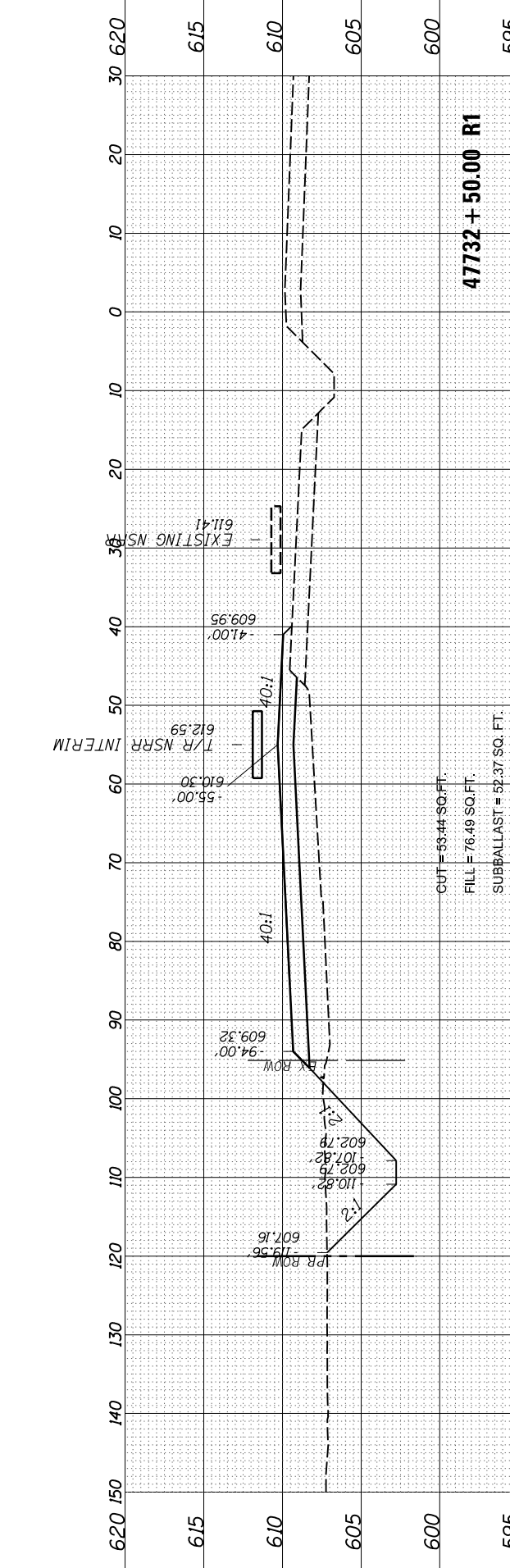
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	472
	09L0179B	CONTRACT NO.	93762	
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 1 OF 5 SHEETS STA. 47727+50.00 R1 TO STA. 47730+00.00 R1

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: Sheet 2
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USER NAME = Johns00944	DESIGNED - GCN	REVISIONS -
	DRAWN - RH	REVISIONS -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISIONS -
PLOT DATE = 11/2/2021	DATE = 11/1/2021	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - STAGE 2 - SOUTH - 2**

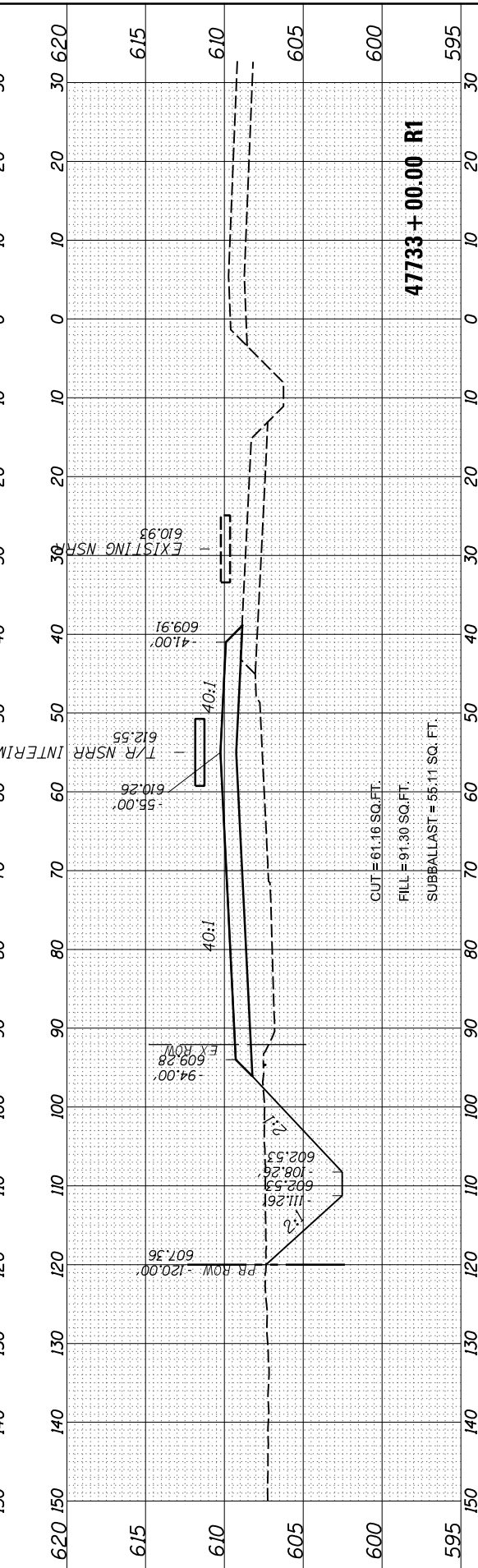
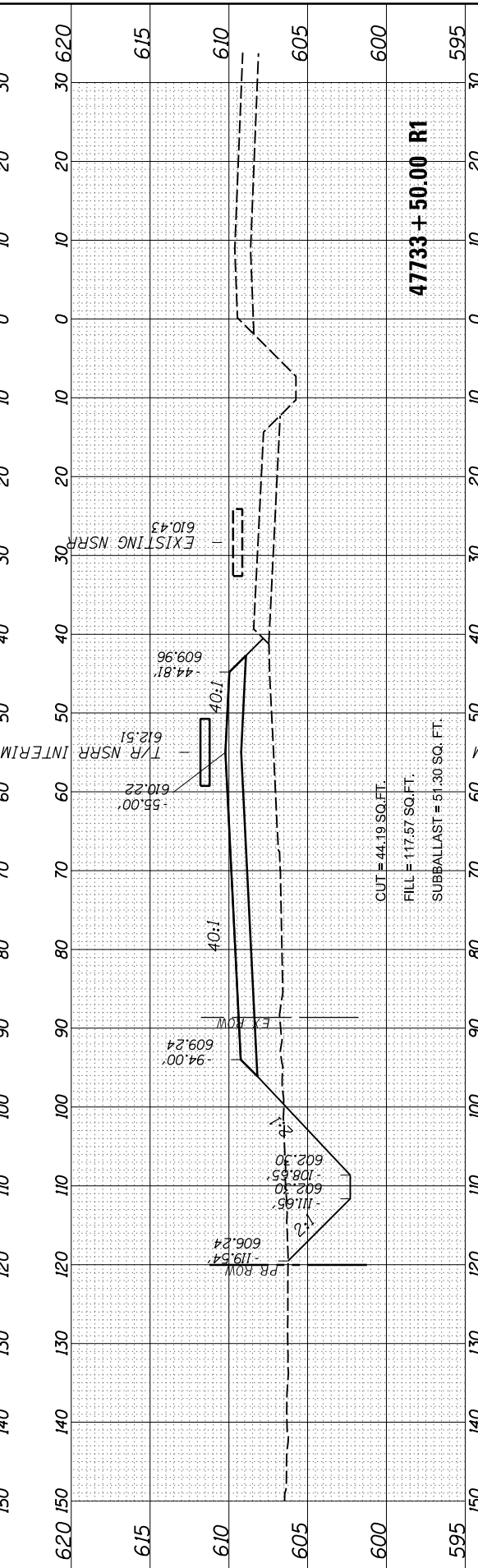
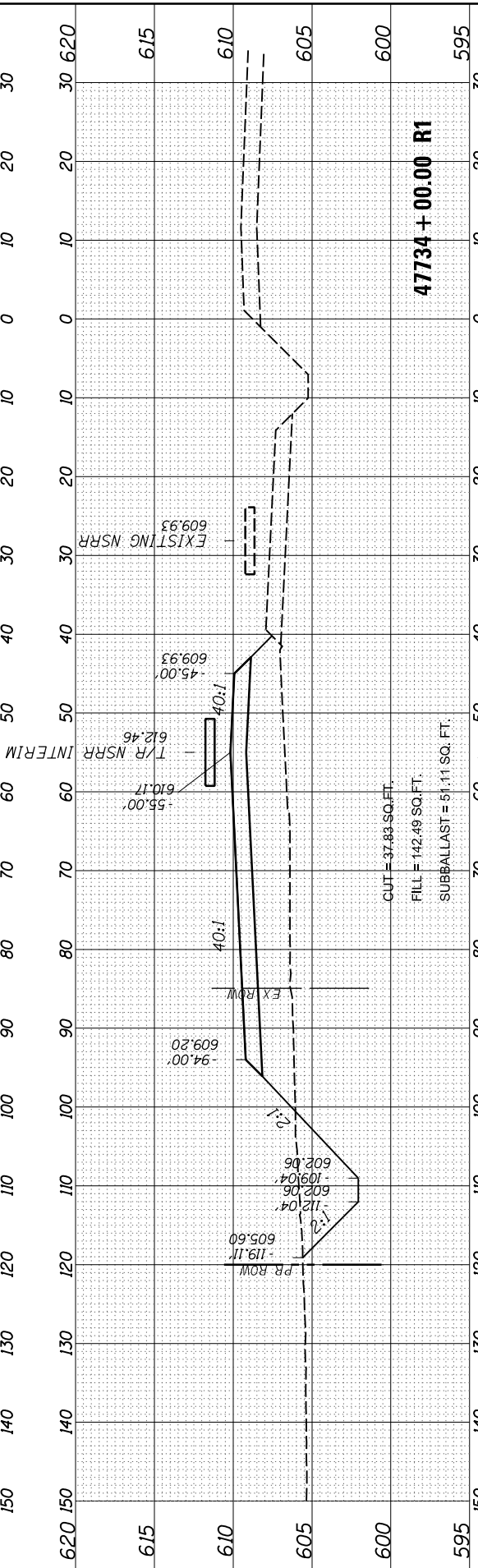
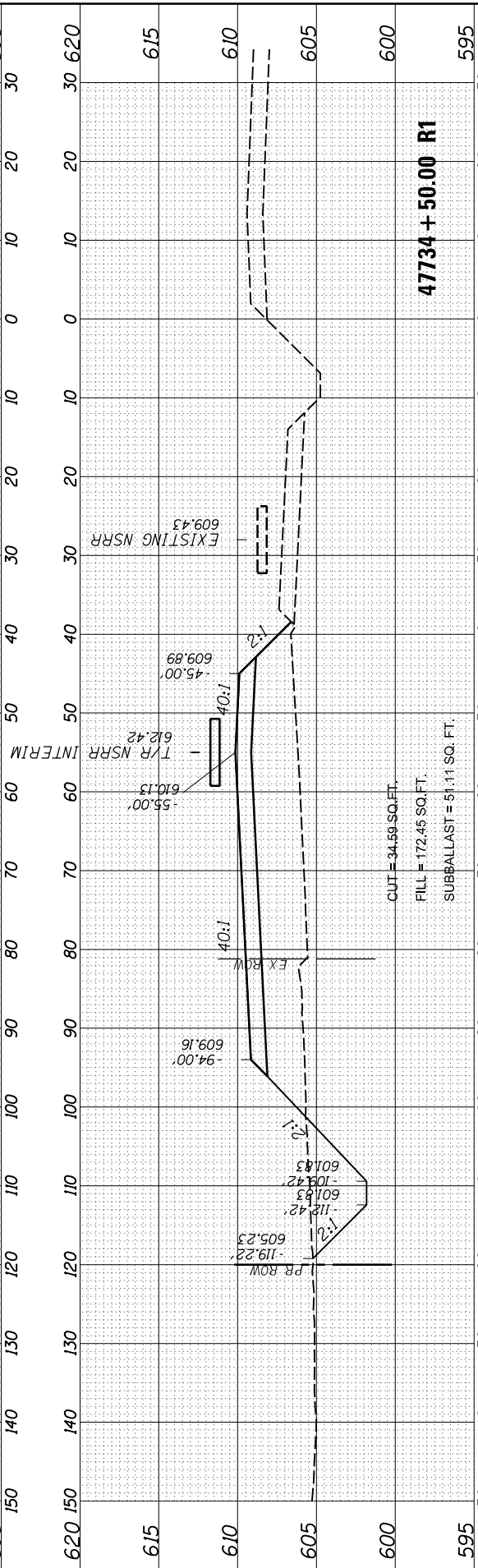
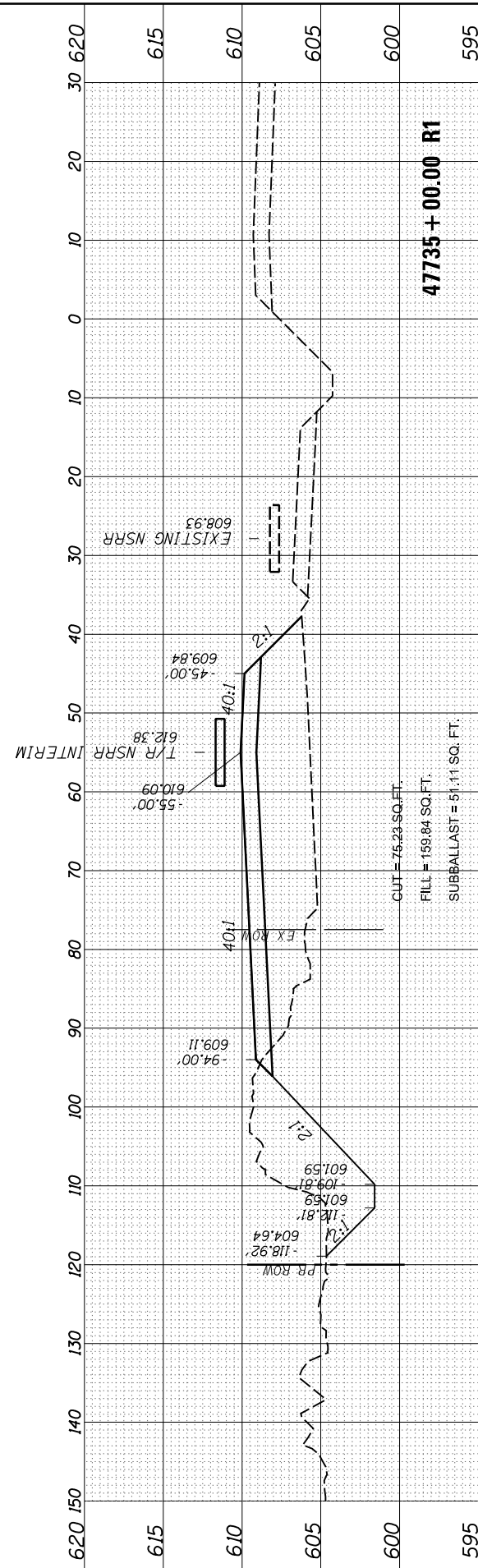
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	473
	09L0179B			CONTRACT NO. 93762
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 2 OF 5 SHEETS STA. 47732+50.00 R1 TO STA. 47730+50.00 R1

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

MODEL: Sheet 3
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 2 - SOUTH - 3

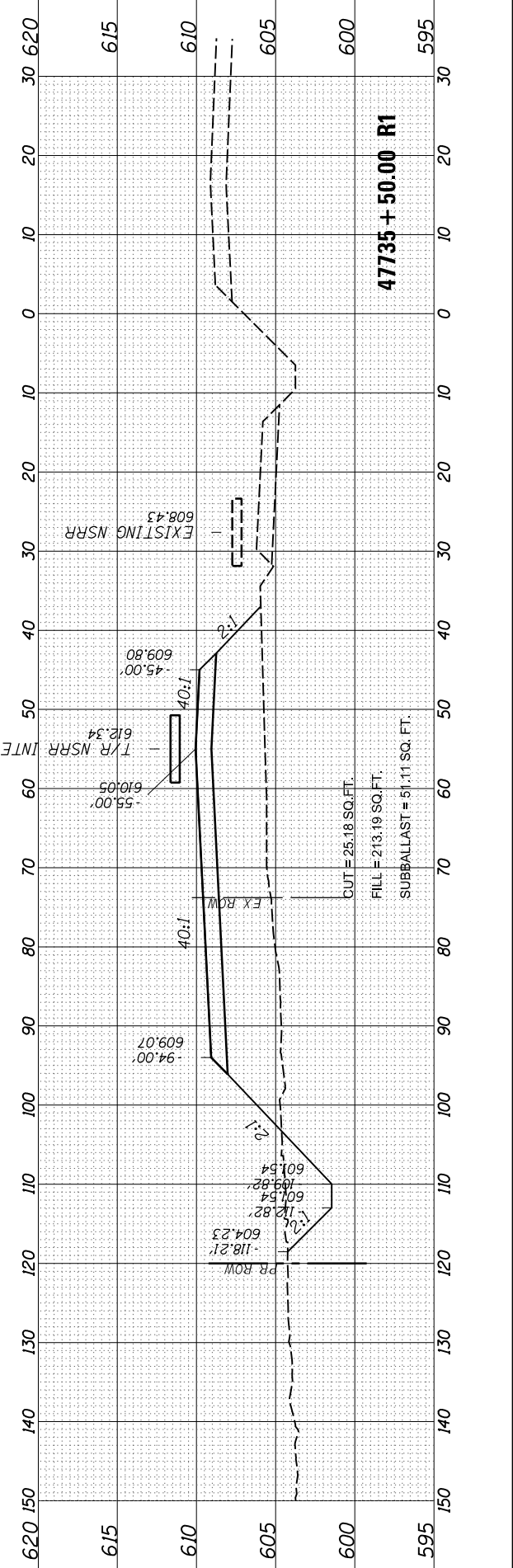
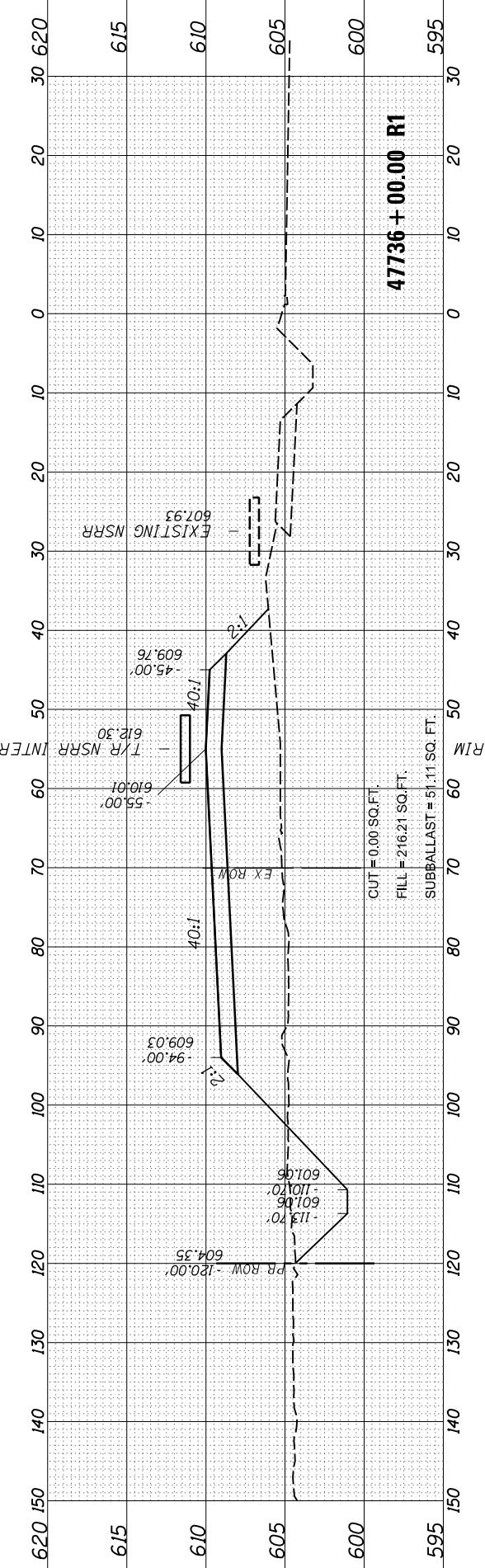
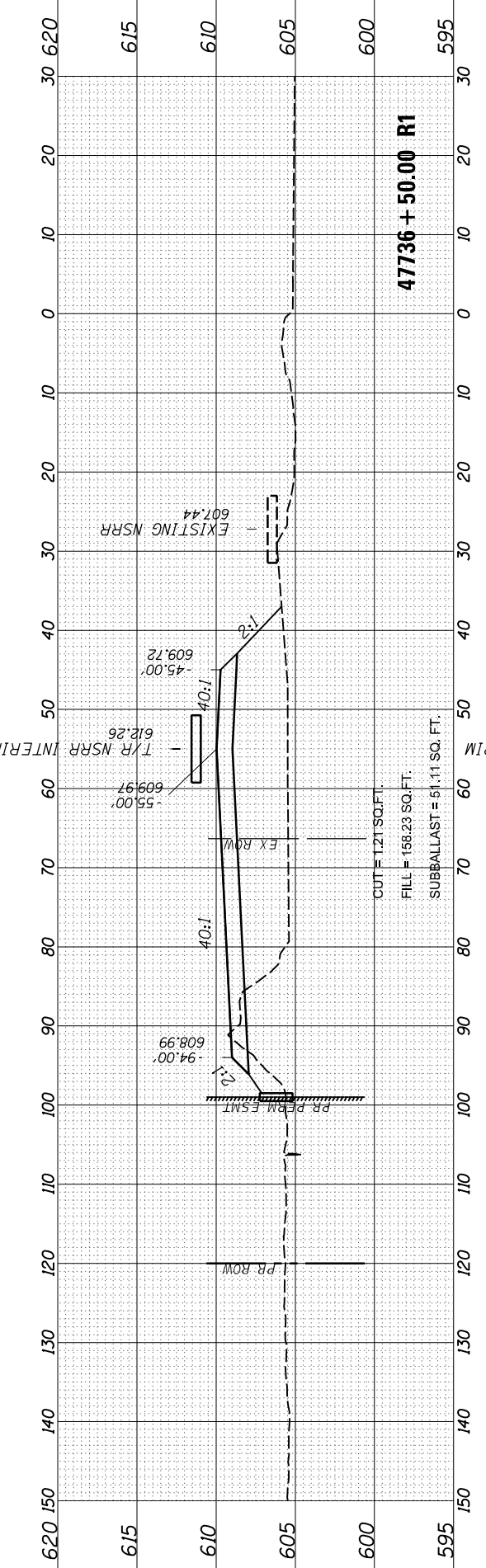
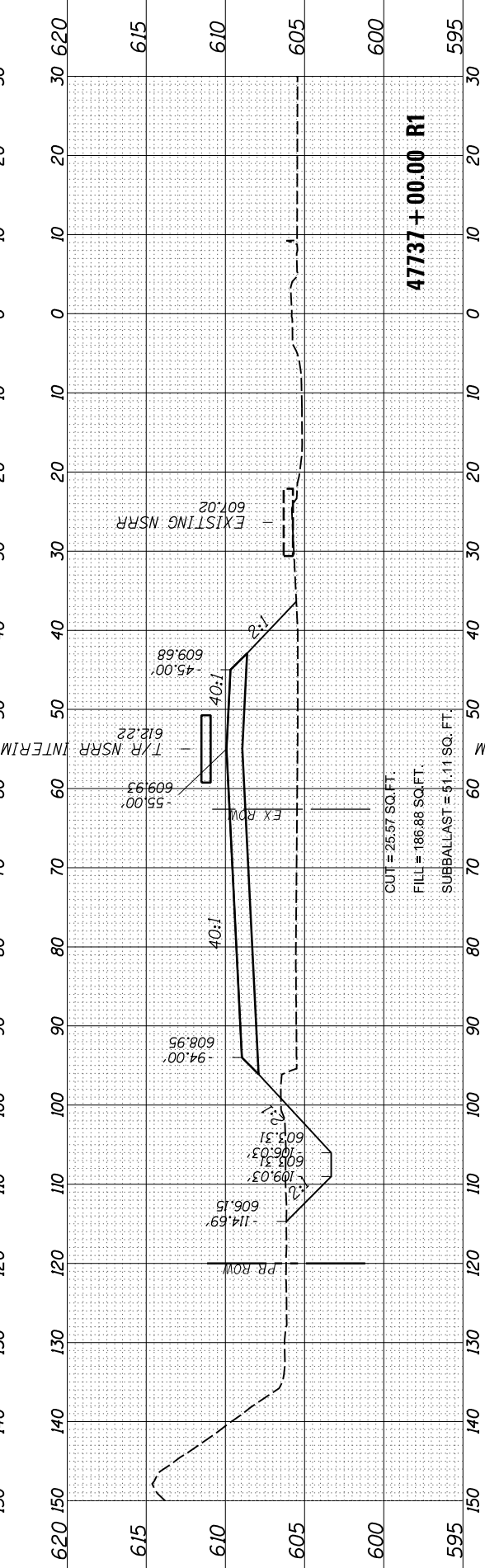
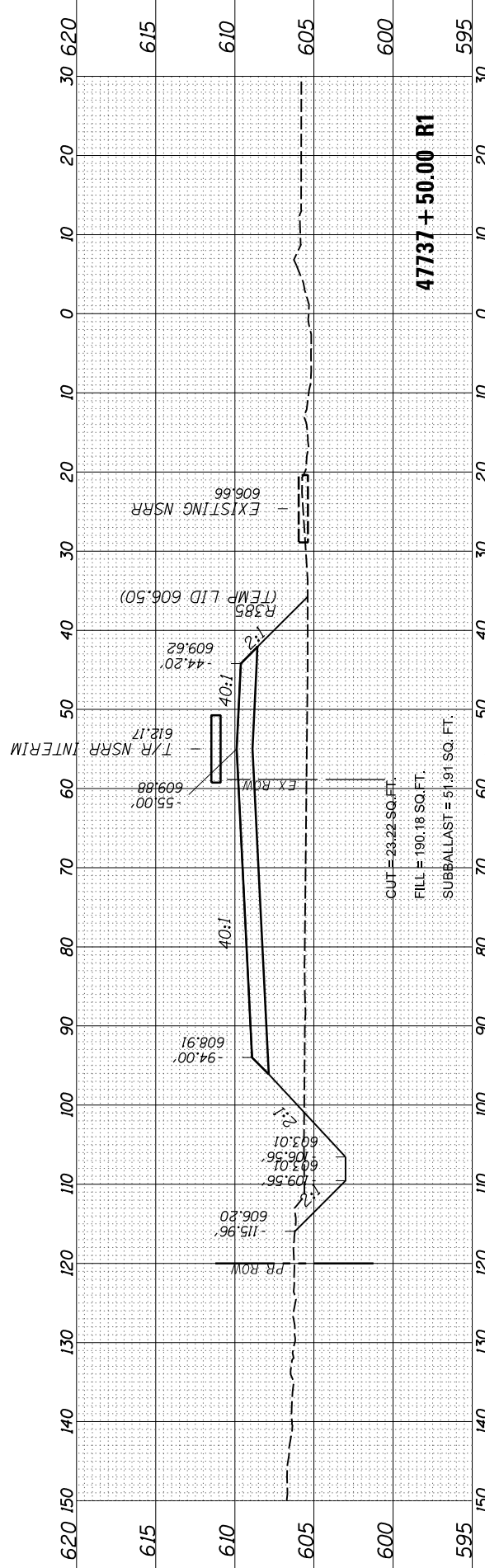
SCALE: SHEET 3 OF 5 SHEETS STA. 47735+00.00 R1 TO STA. 47733+00.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	474
	09L0179B	CONTRACT NO.	93762	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - STAGE 2 - SOUTH - 4**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	475
	09L0179B	CONTRACT NO.	93762	
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 4 OF 5 SHEETS STA. 47735+50.00 R1 TO STA. 47737+50.00 R1

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FINAL

MODEL: Sheet 5

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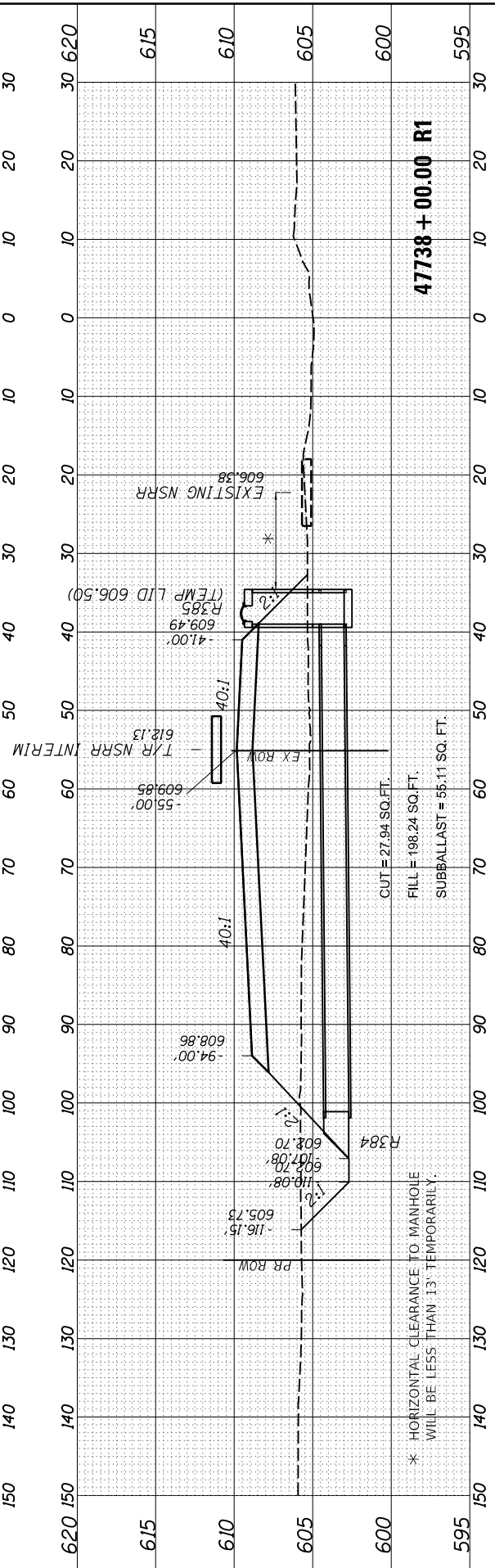
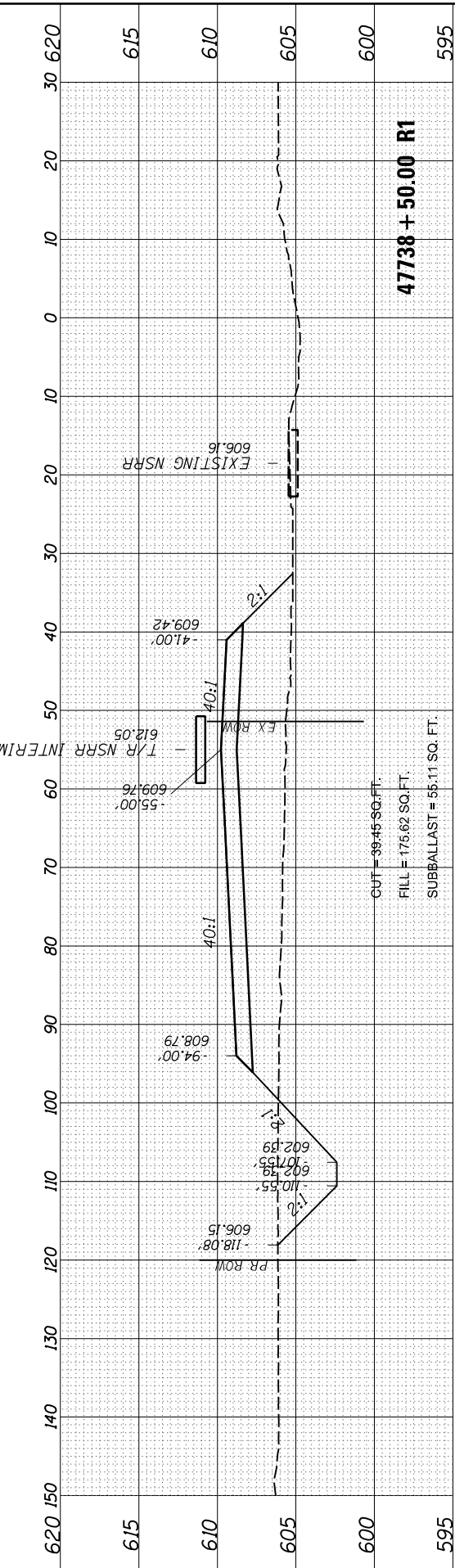
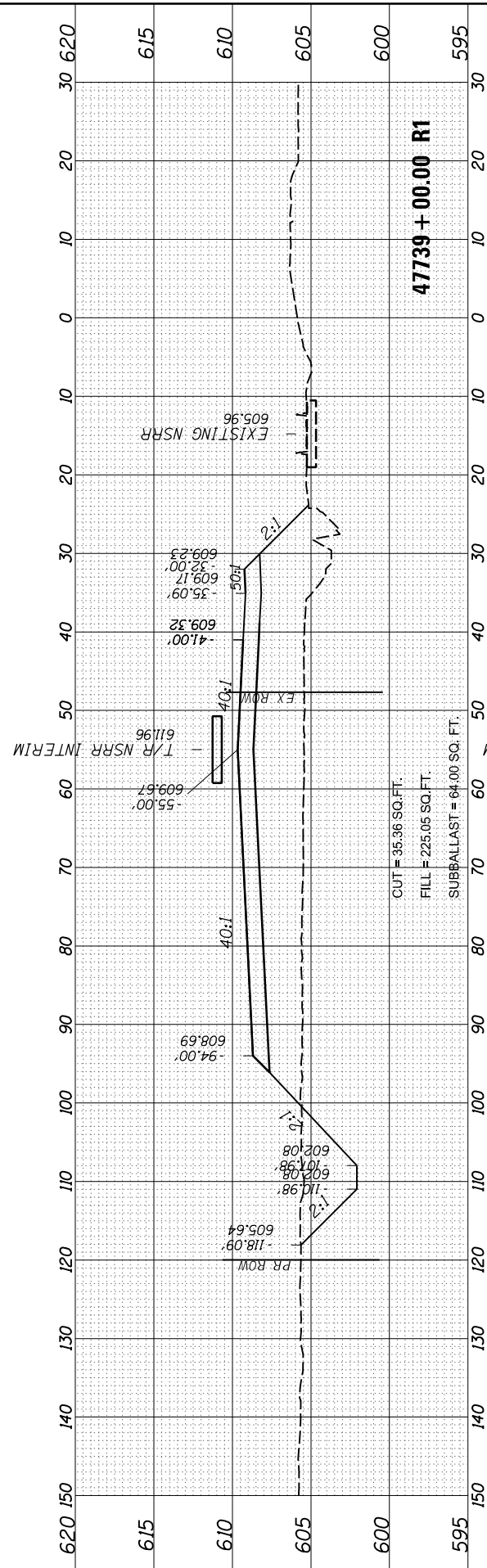
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PLOT DATE = 12/6/2021	CHECKED - GCN	REVISED -
	DATE - 12/6/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - STAGE 2 - SOUTH - 5

SCALE: SHEET 5 OF 5 SHEETS STA. 47738+00.00 R1 TO STA. 47741+00.00 R1

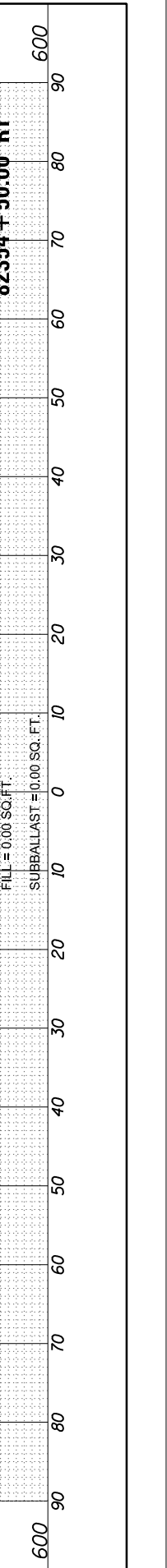
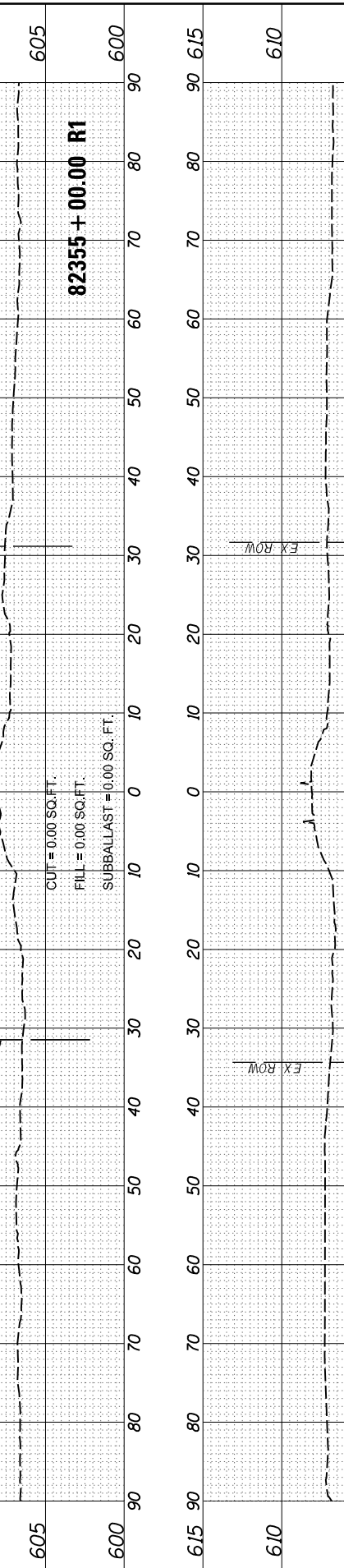
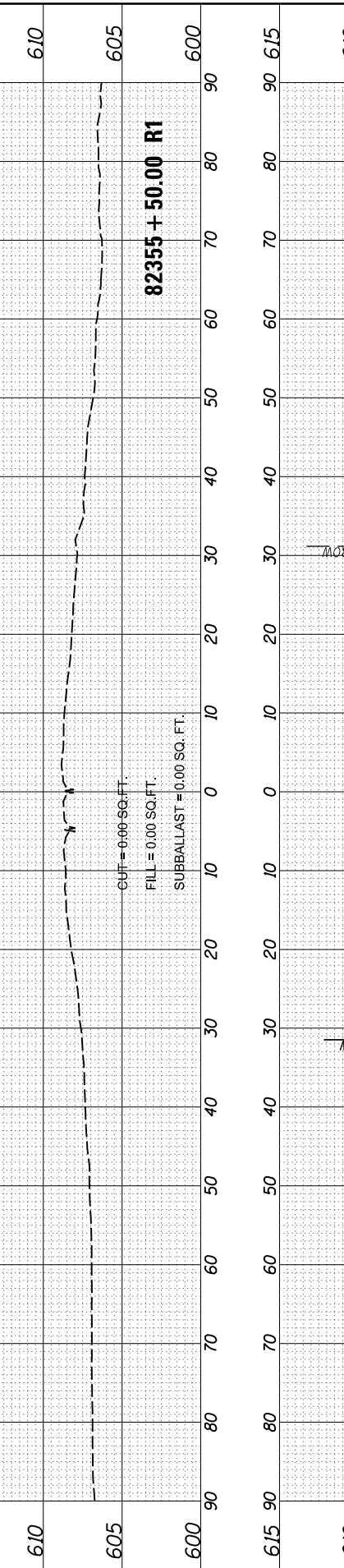
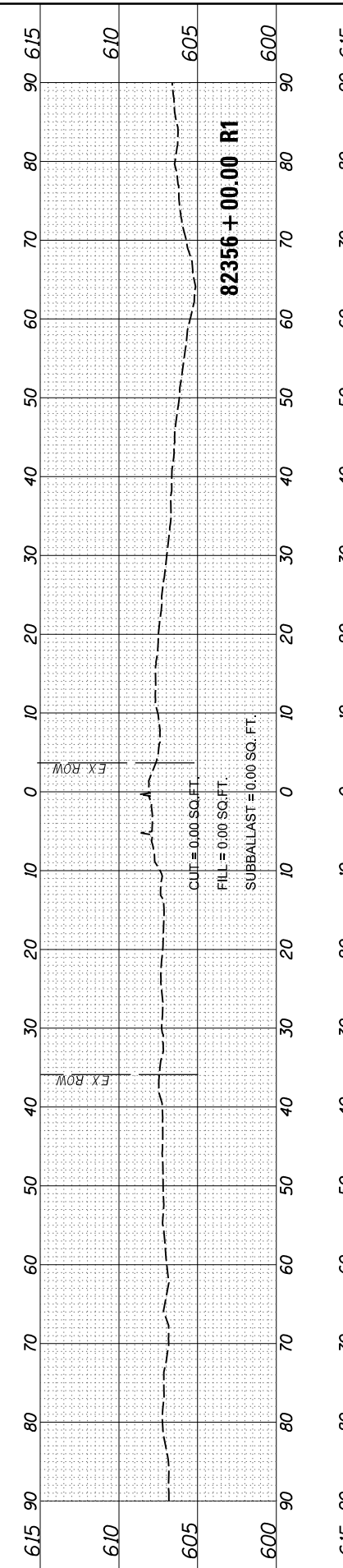
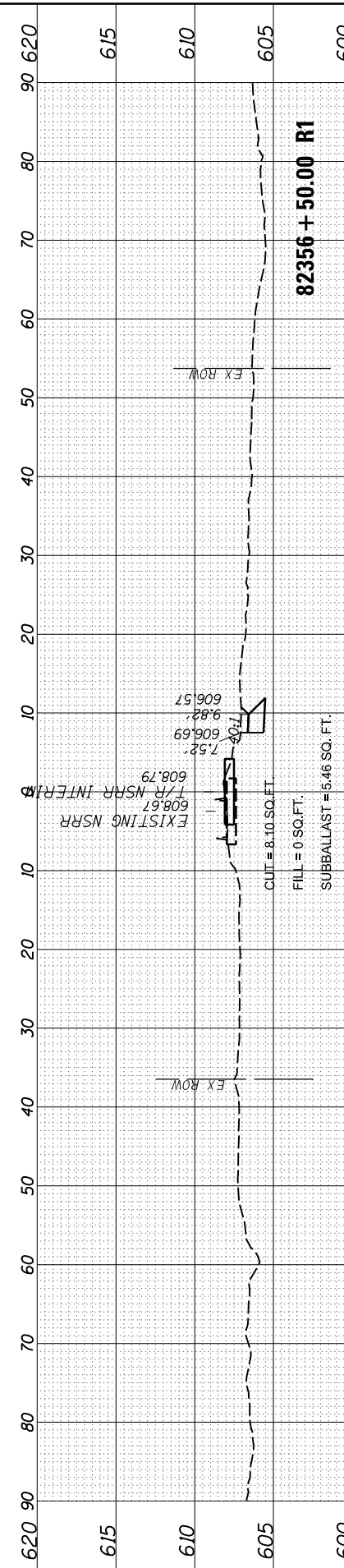
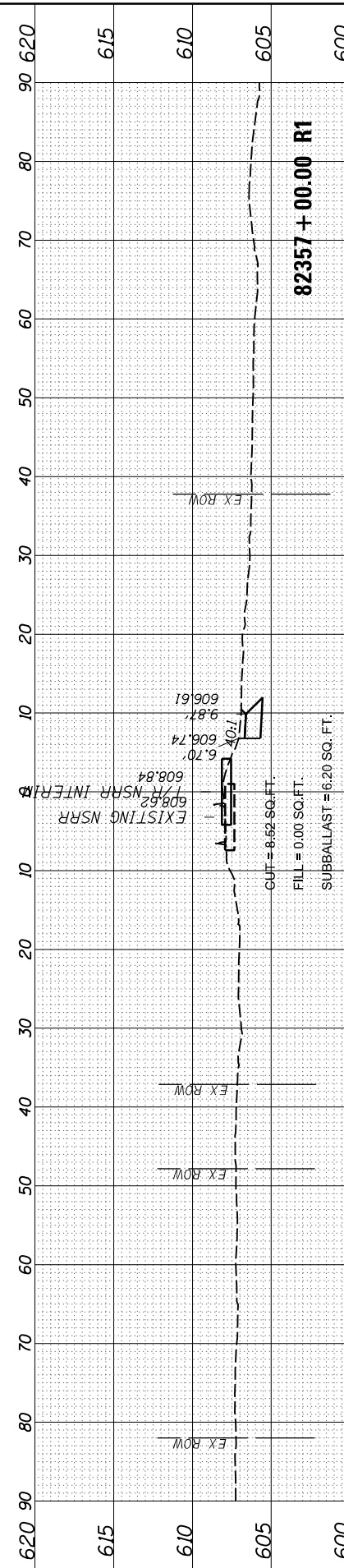
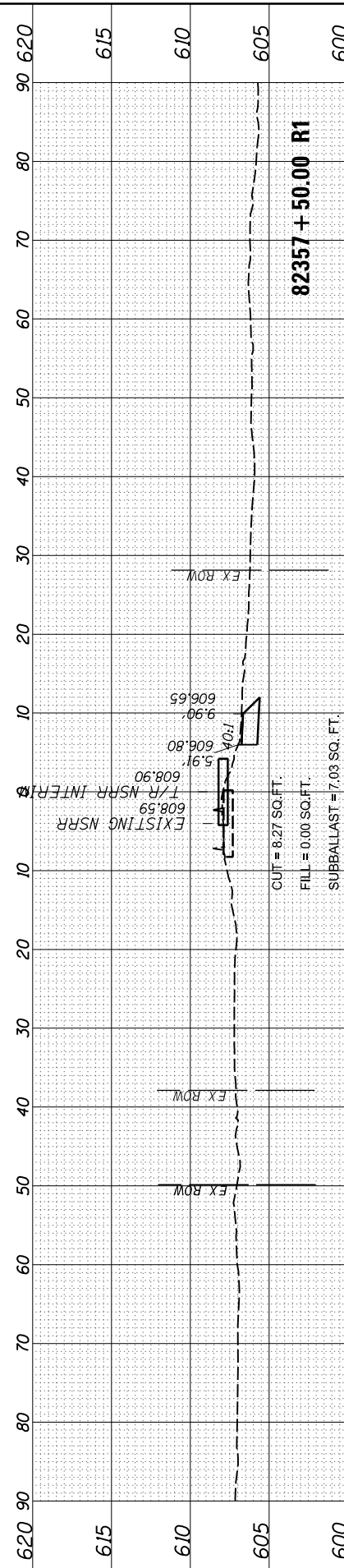
F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 476
	09L0179B	CONTRACT NO. 93762		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

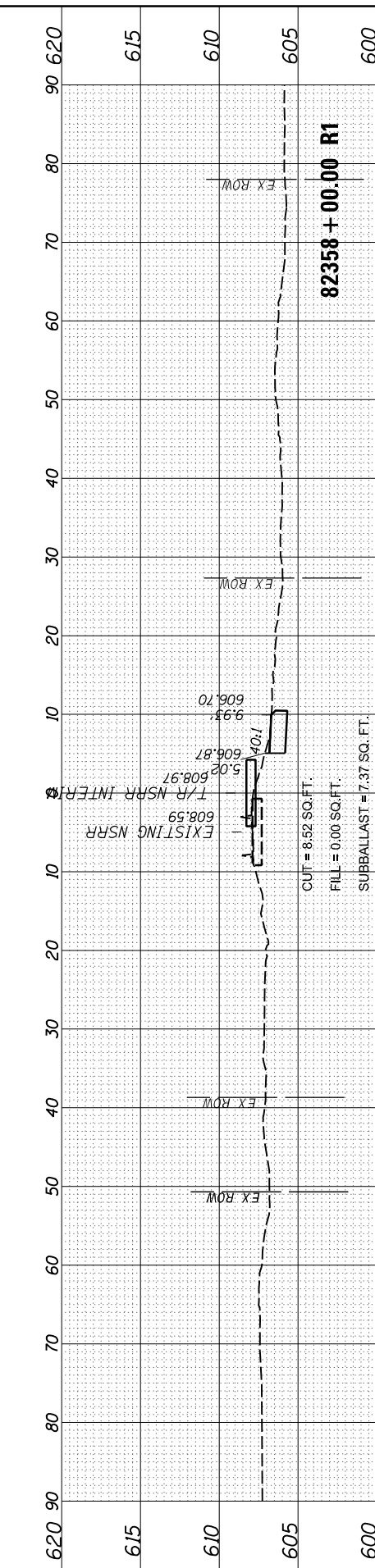
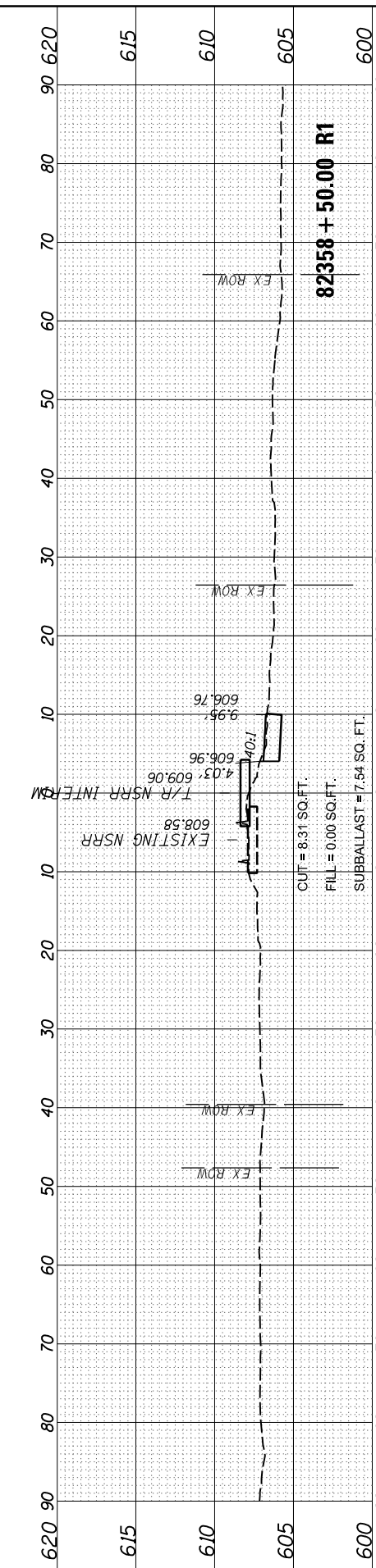
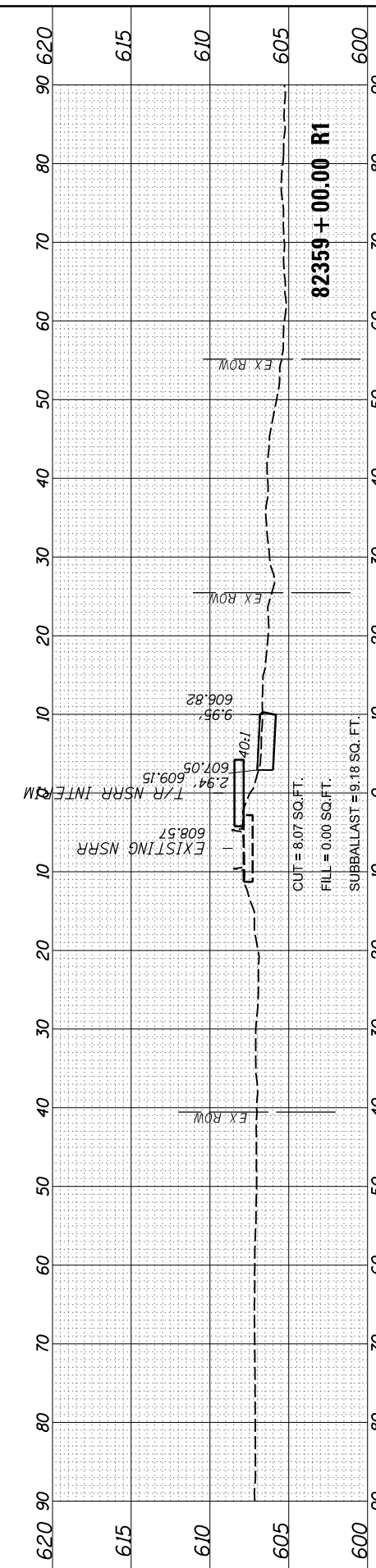
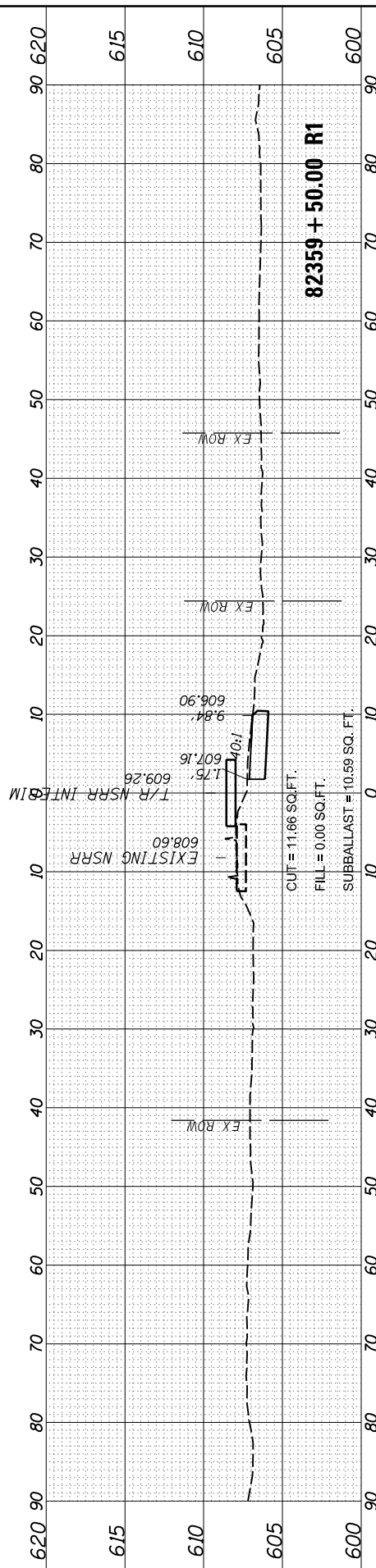
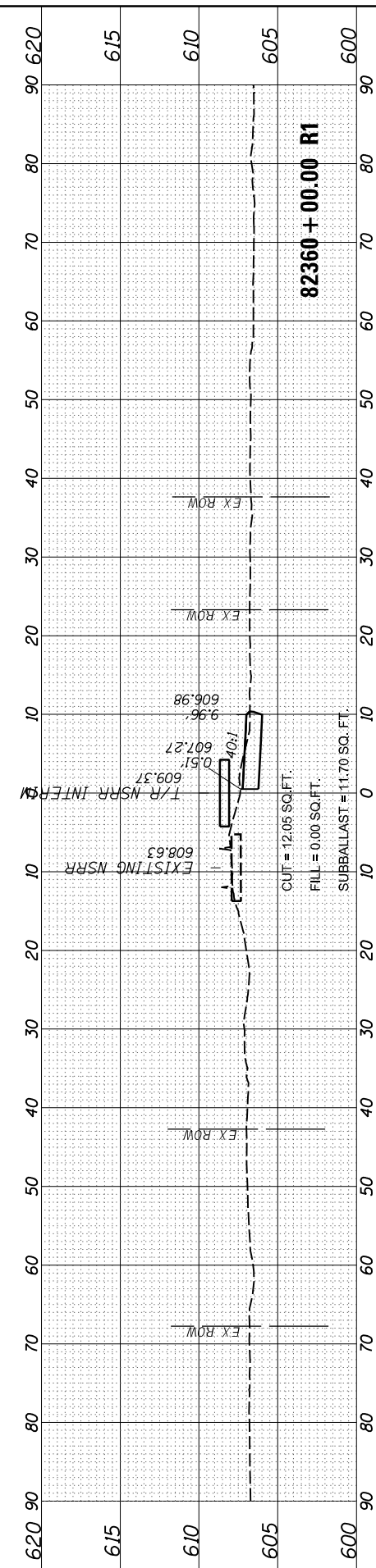
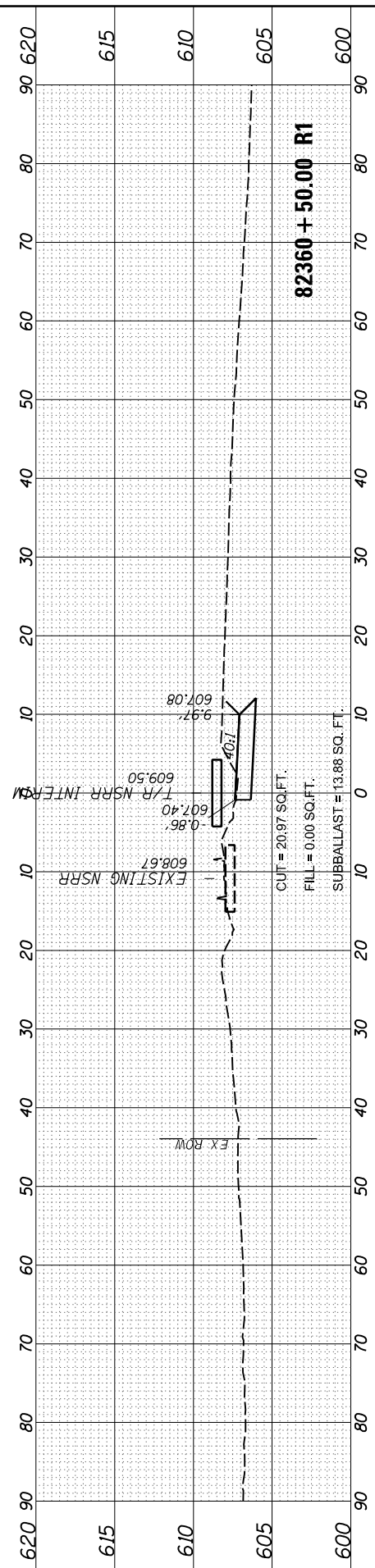
SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 2 - NORTH - 1

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 477
	09L0179B	CONTRACT NO. 93762		

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

MODEL: Sheet 2
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
	CHECKED - GCN	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 2 - NORTH - 2**

SCALE: SHEET 2 OF 7 SHEETS STA. 82358+00.00 R1 TO STA. 82360+50.00 R1

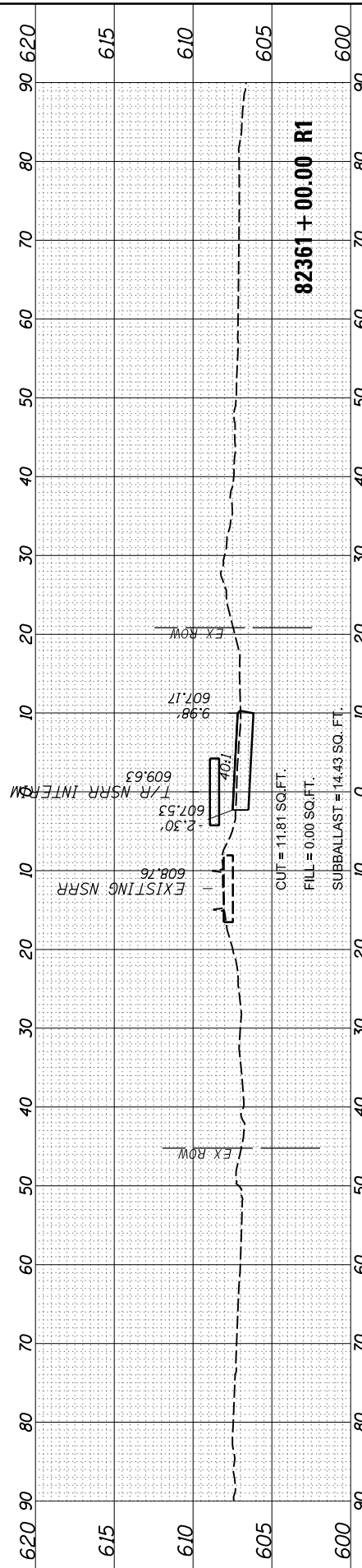
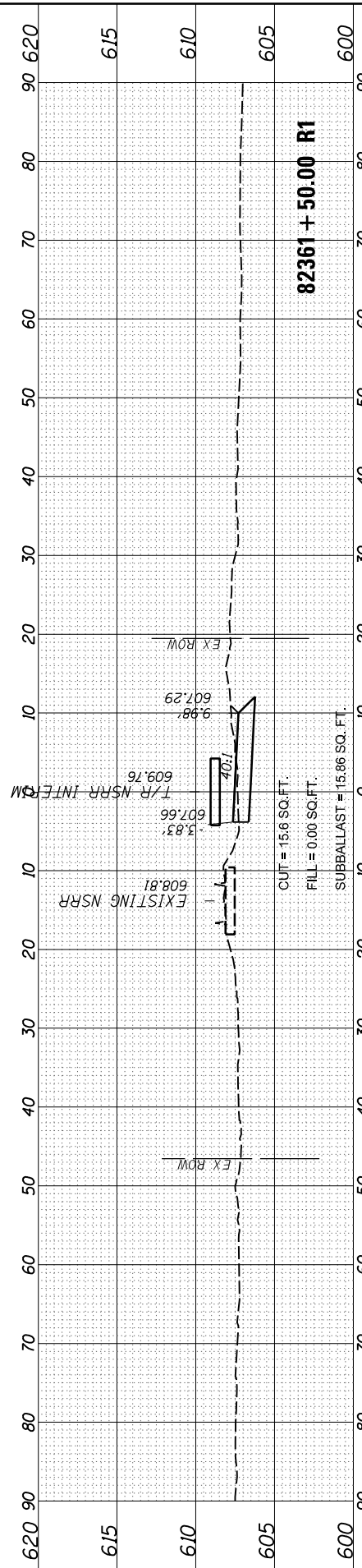
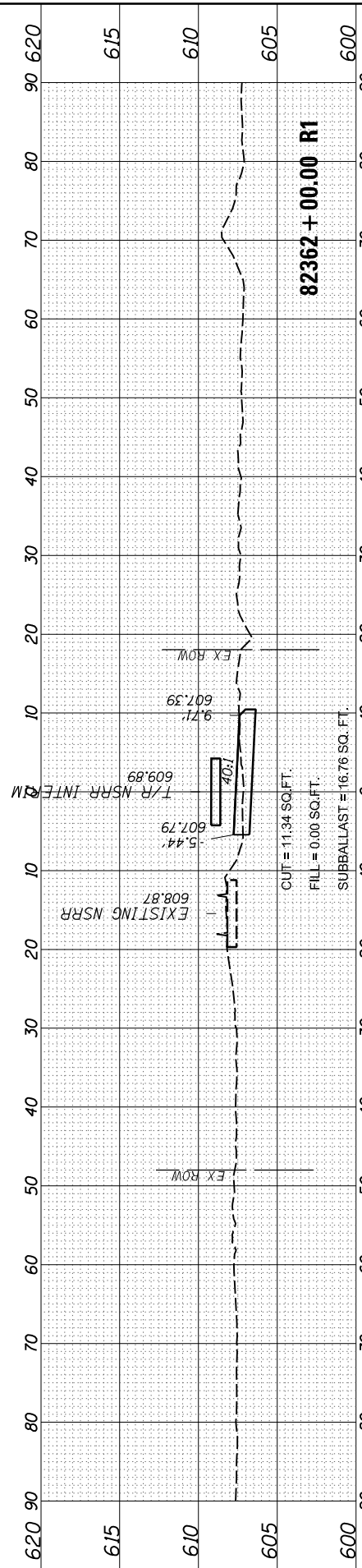
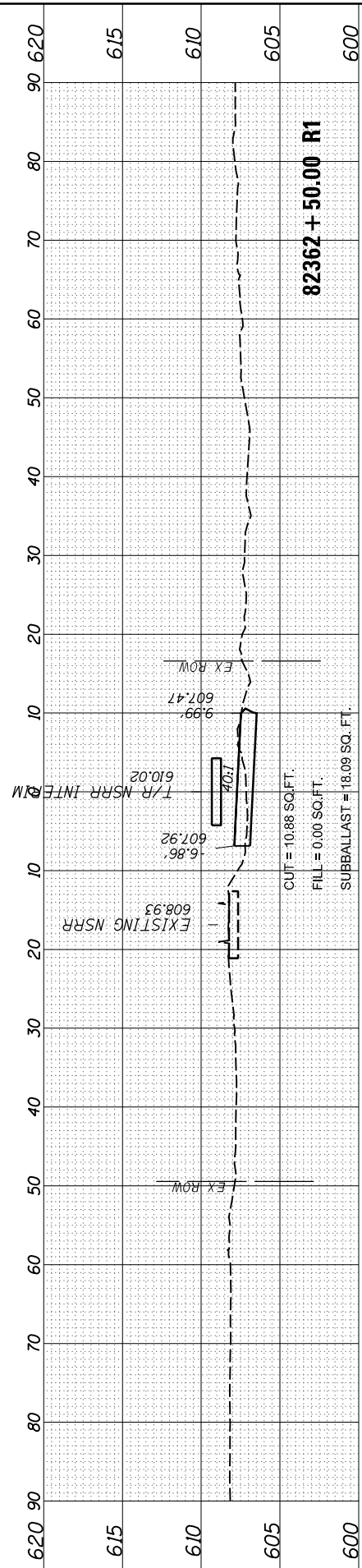
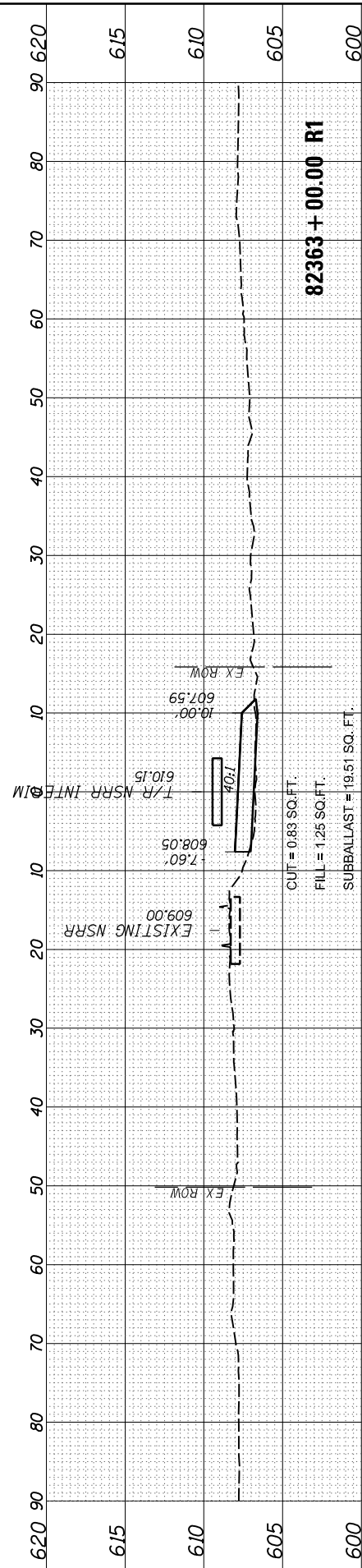
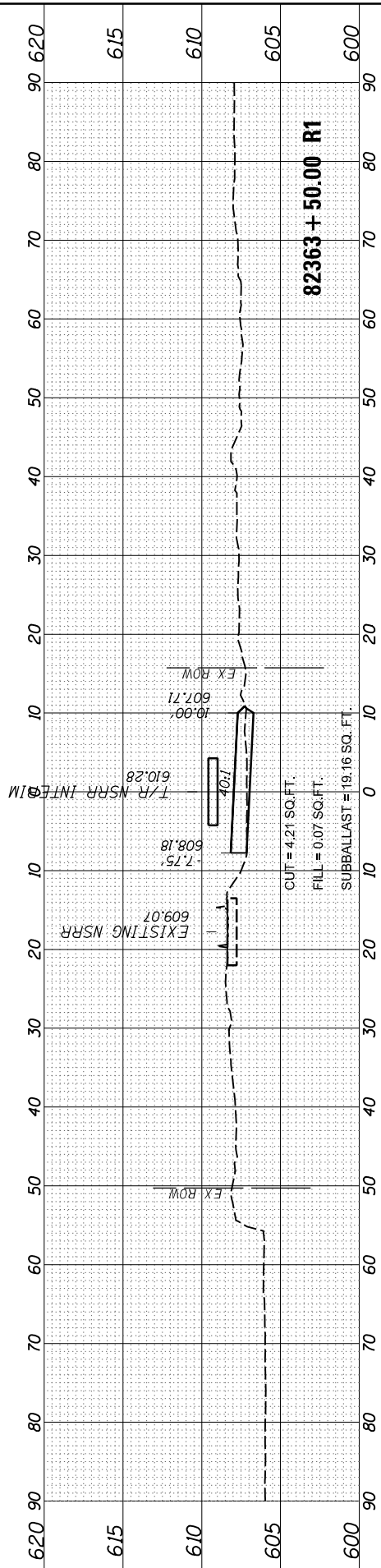
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	478
	09L0179B			
				CONTRACT NO. 93762

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Sheet 3
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USER NAME = Johns00944	DESIGNED - GCN	REVISD -
	DRAWN - RH	REVISD -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISD -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 2 - NORTH - 3**

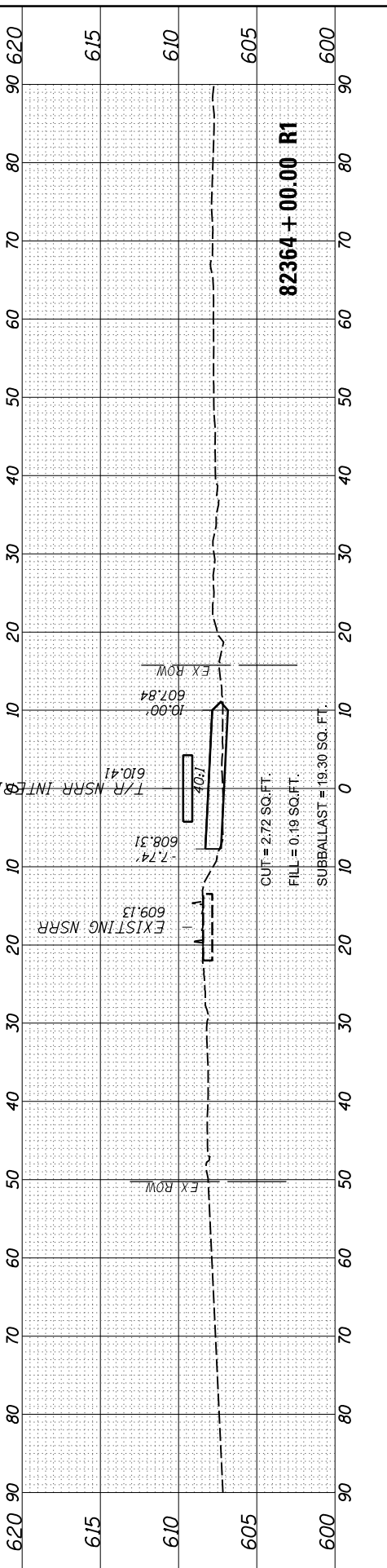
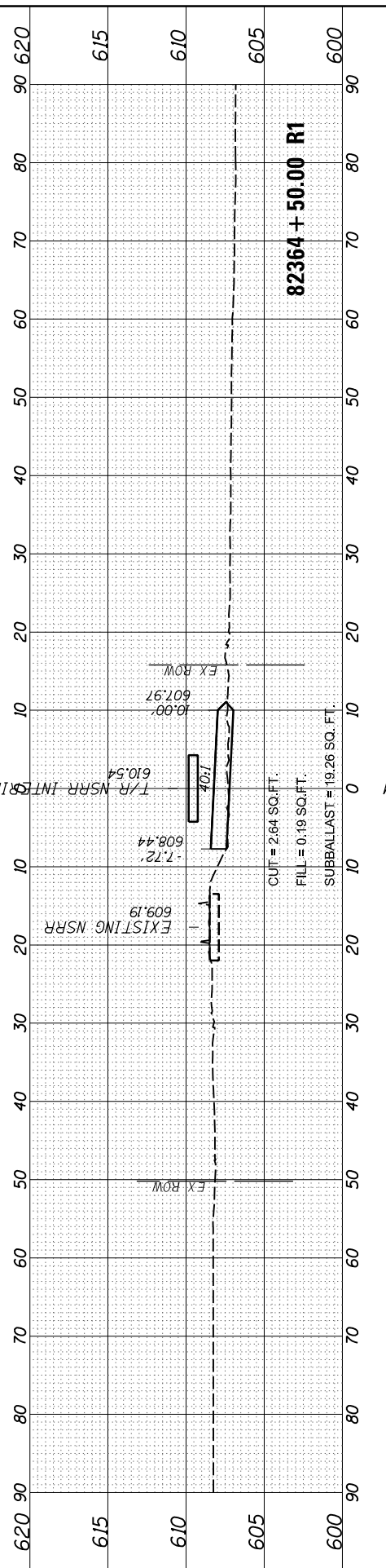
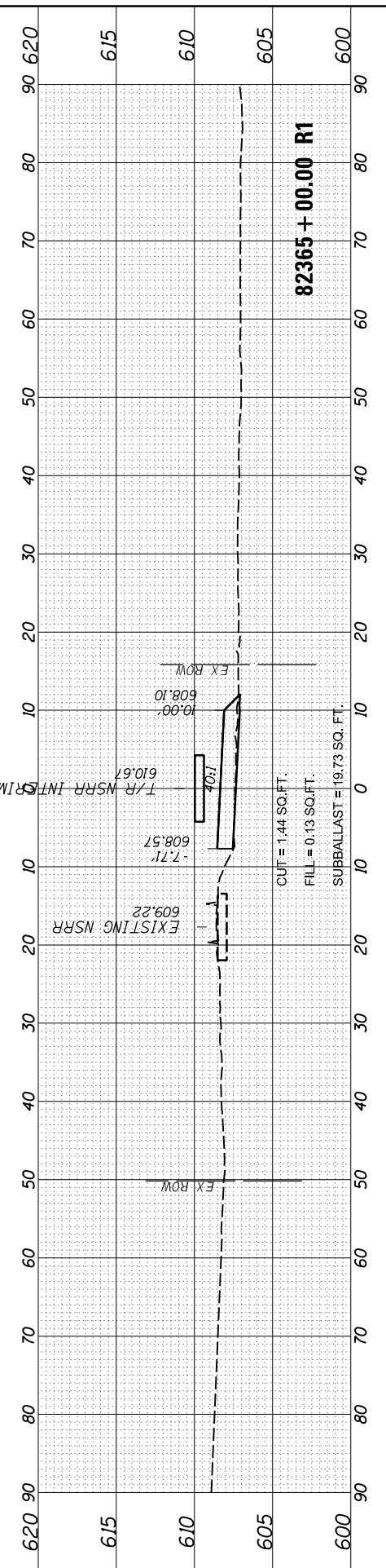
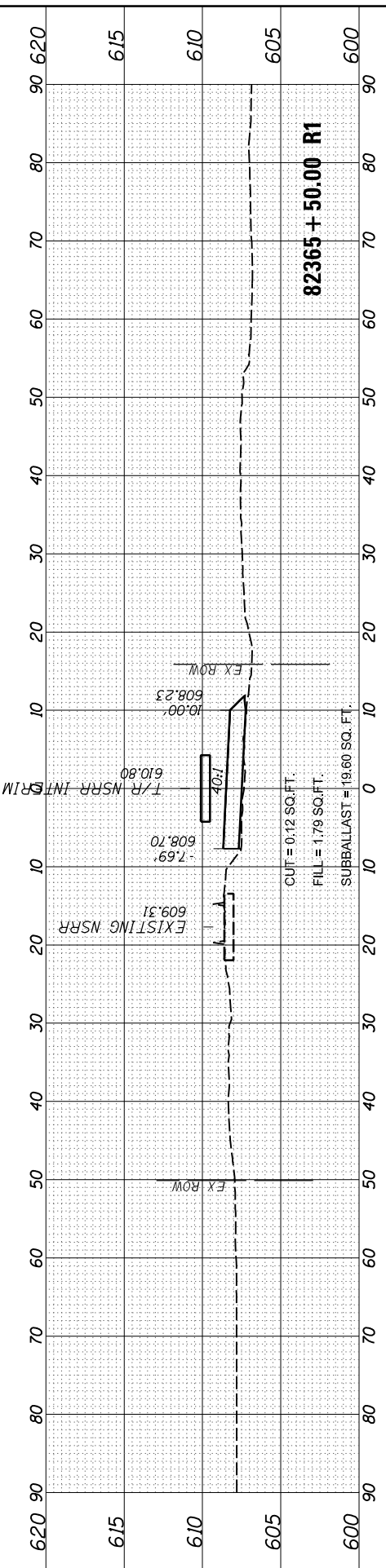
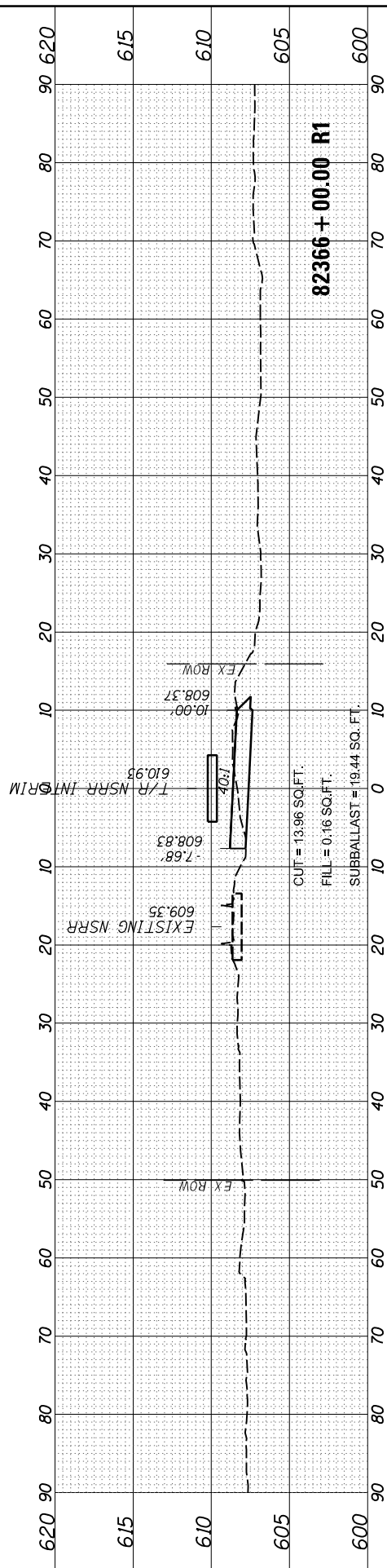
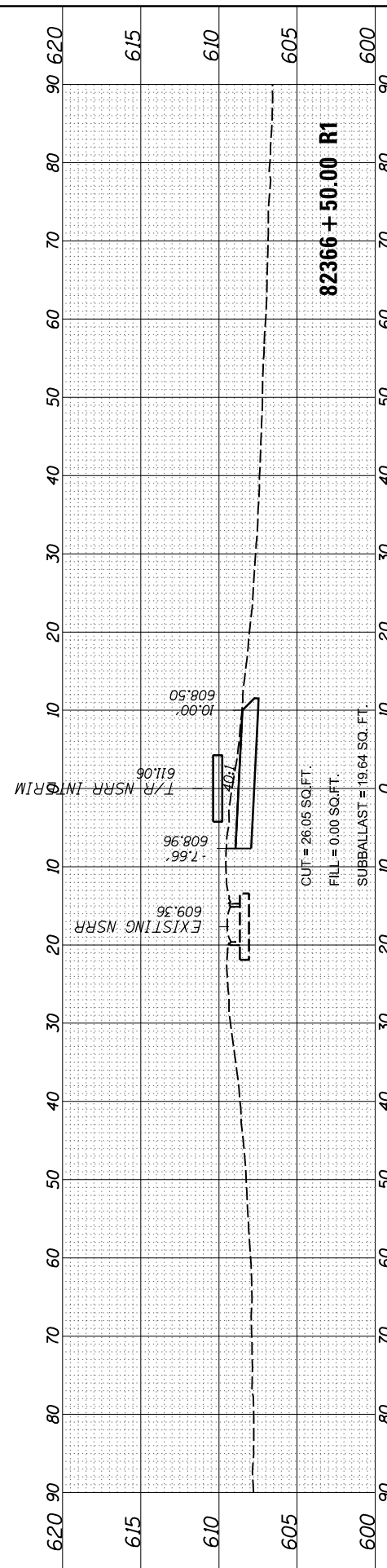
SCALE: SHEET 3 OF 7 SHEETS STA. 82361+00.00 R1 TO STA. 82363+50.00 R1

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 479
	09L0179B	CONTRACT NO. ILLINOIS FED. AID PROJECT	93762	

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

MODEL Sheet 4
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USER NAME =	Johns00944
DESIGNED -	GCN
DRAWN -	RH
CHECKED -	GCN
DATE -	11/1/2021
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/2/2021

REVISED -	
REVISED -	
REVISED -	
REVISED -	

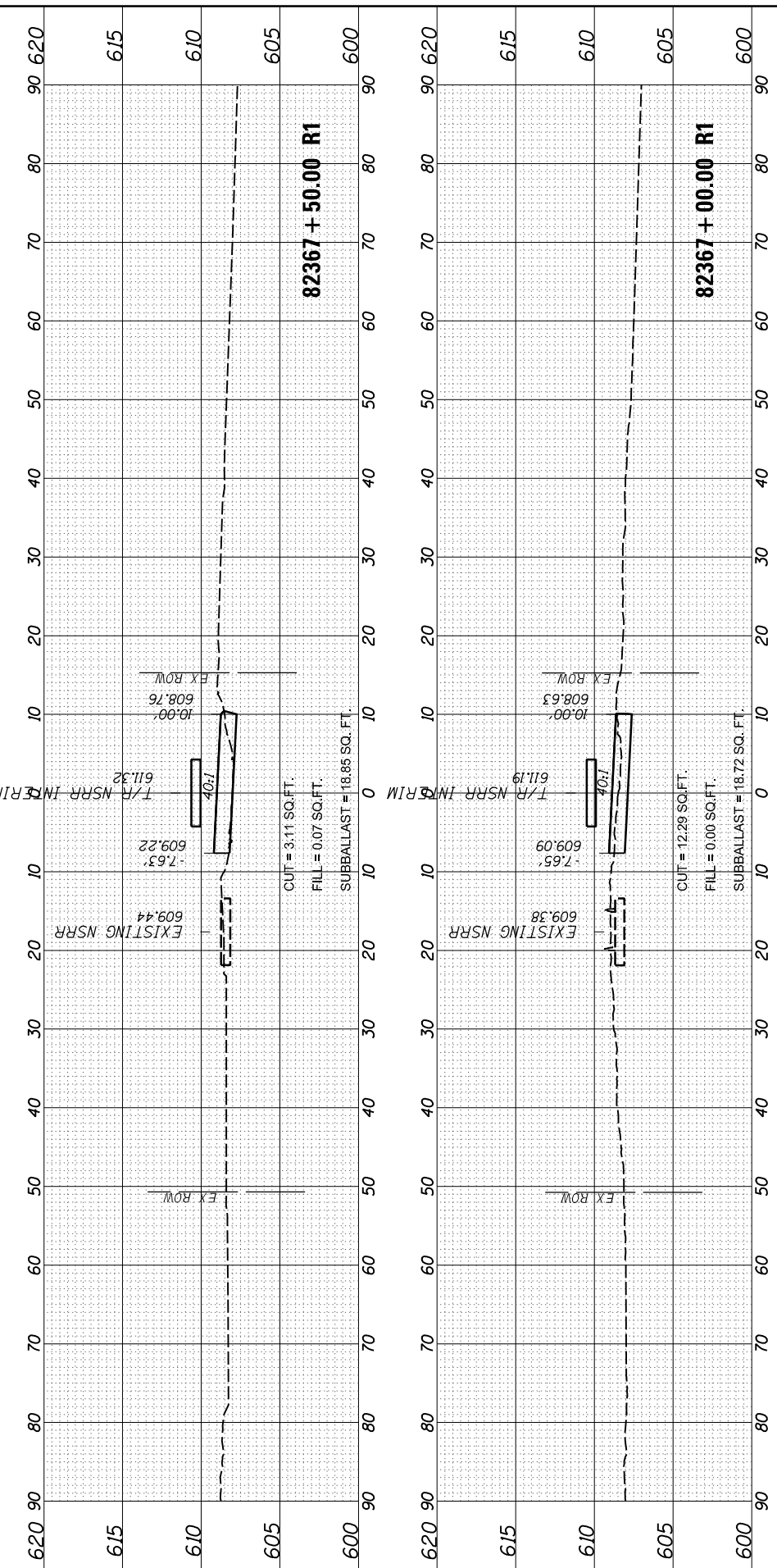
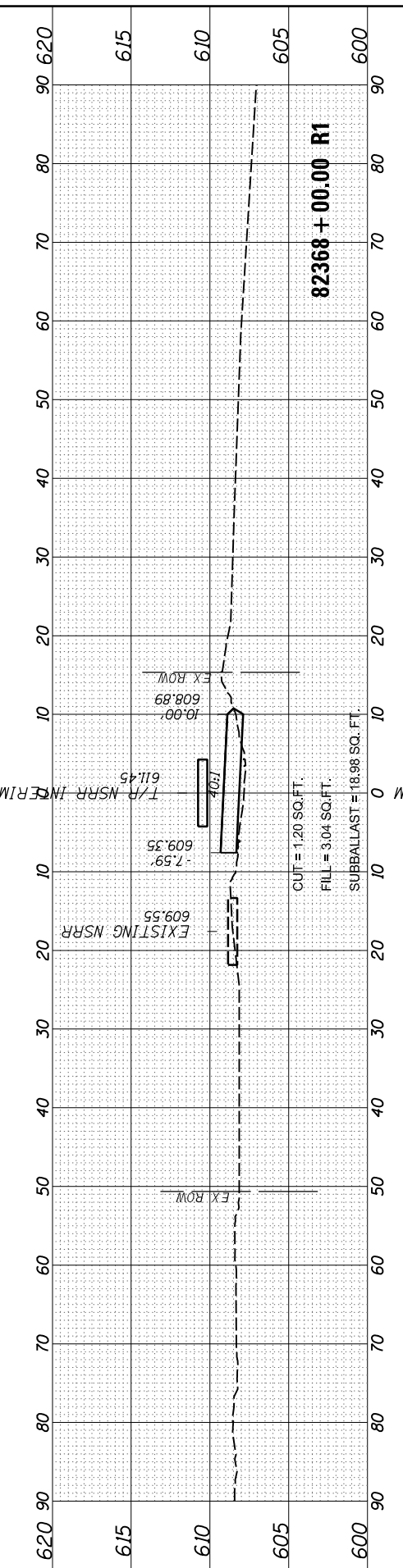
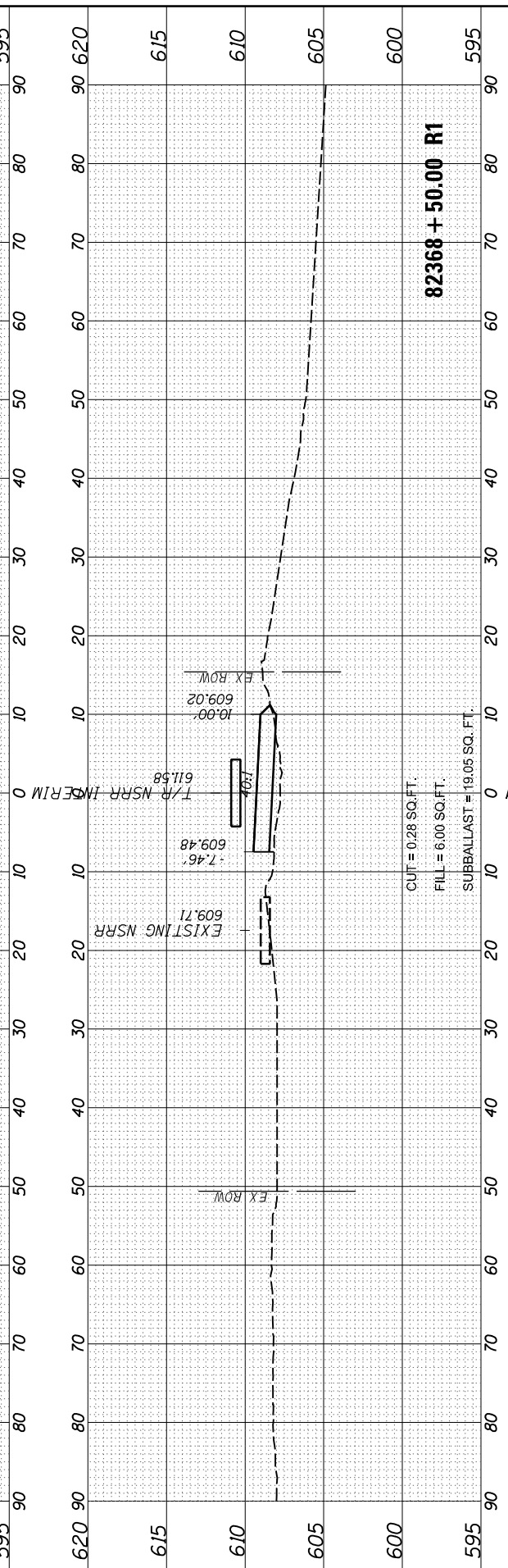
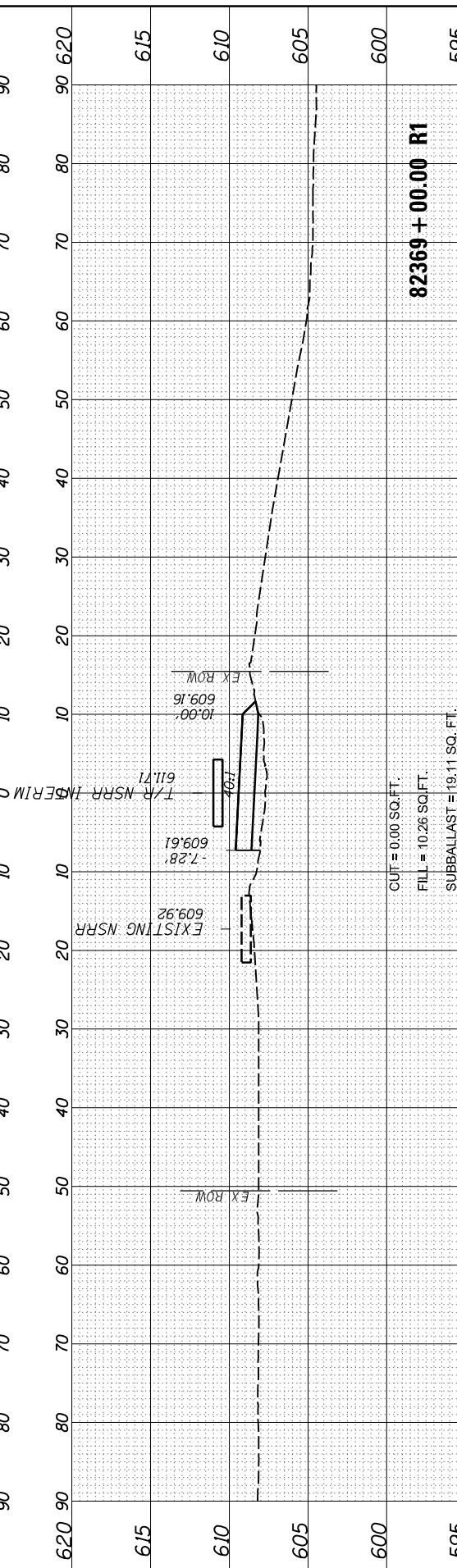
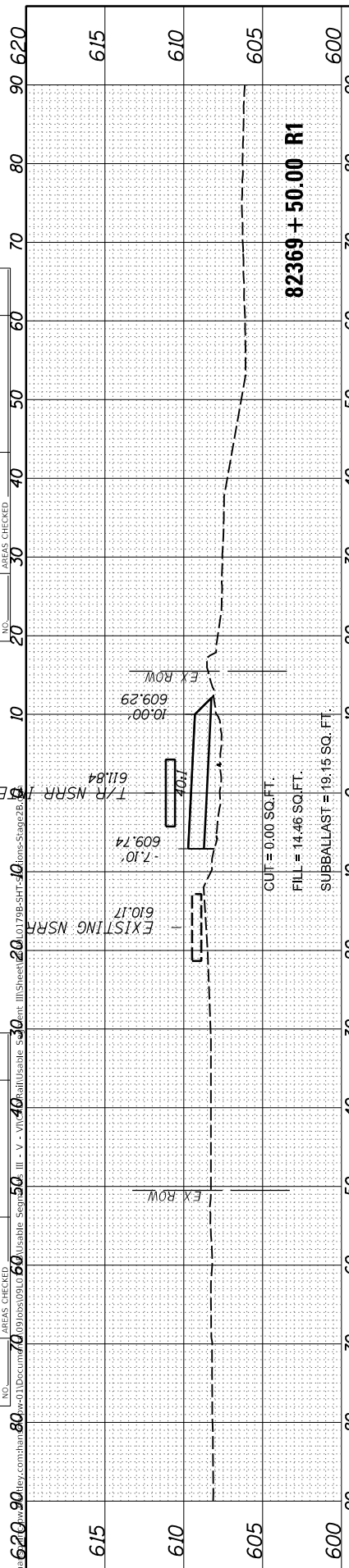
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 2 - NORTH - 4
 SCALE: SHEET 4 OF 7 SHEETS STA. 82364+00.00 R1 TO STA. 82366+50.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	480
	09L0179B			CONTRACT NO. 93762
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE



MODEL SHEET 5
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 DATE: 11/2/2021

USER NAME = Johns00944	DESIGNED - GCN	REVISIONS -
	DRAWN - RH	
	CHECKED - GCN	
	DATE - 11/1/2021	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 2 - NORTH - 5**

SCALE: SHEET 5 OF 7 SHEETS STA. 82367+00.00 R1 TO STA. 82369+50.00 R1

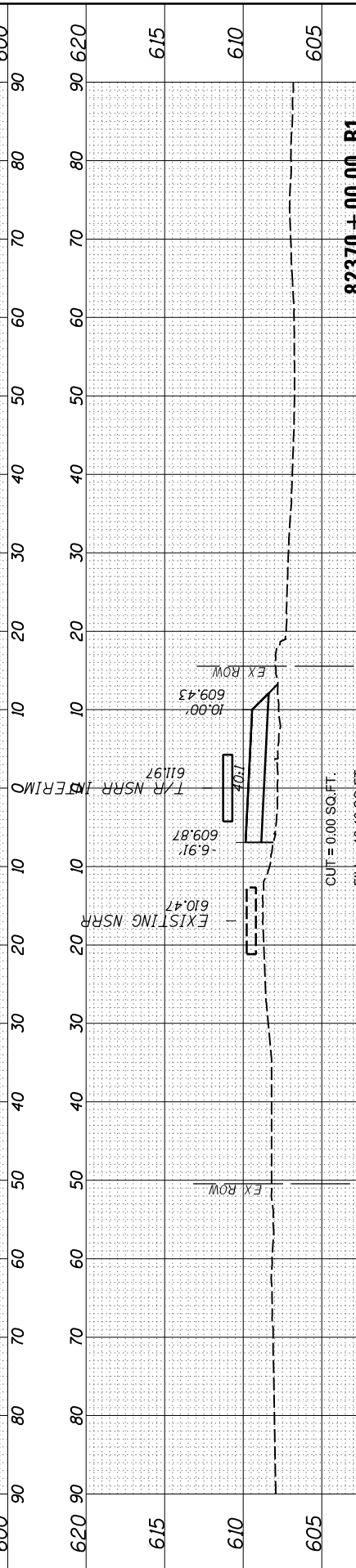
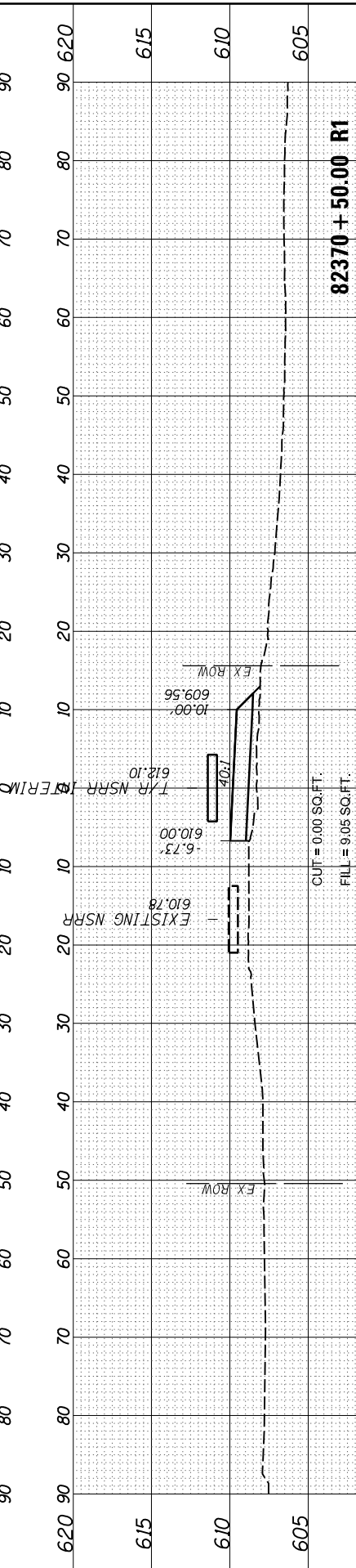
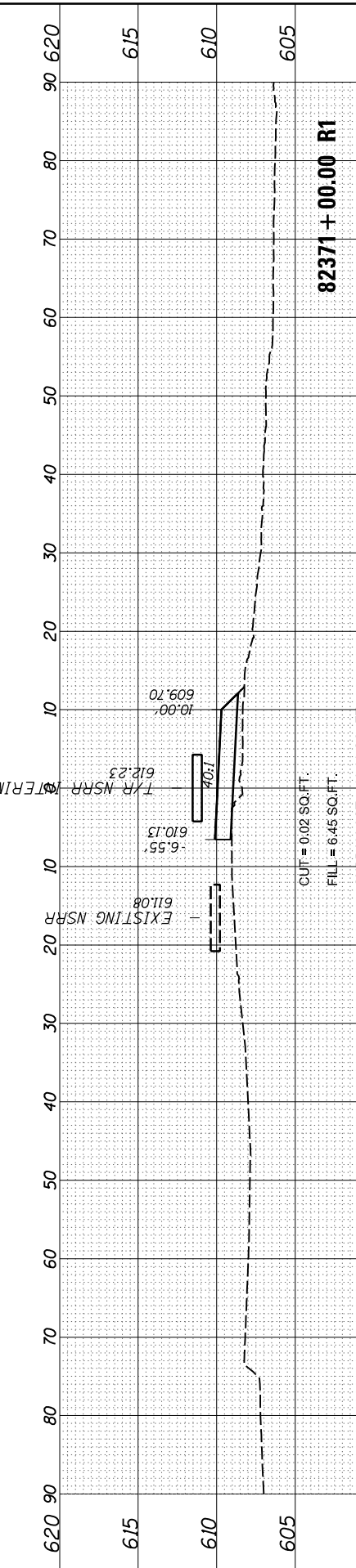
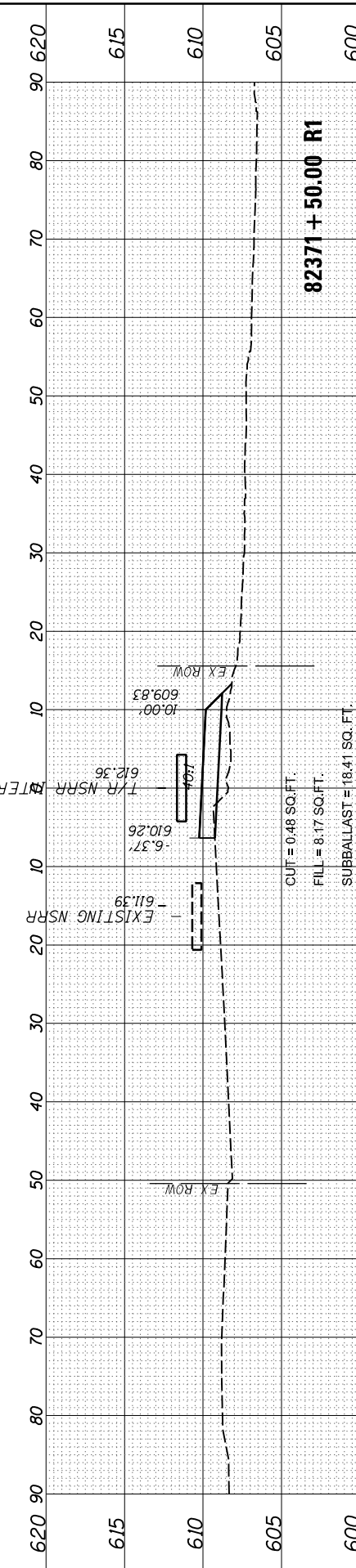
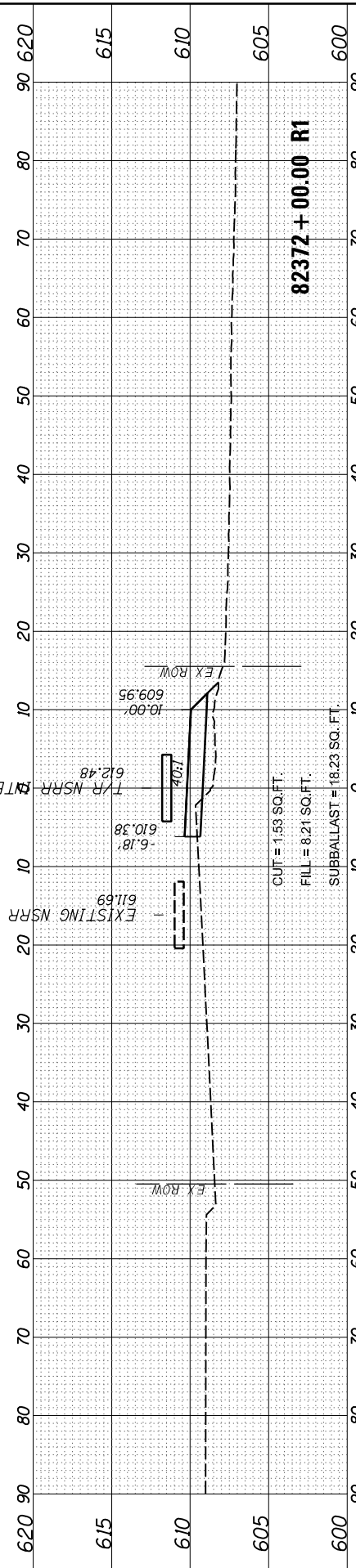
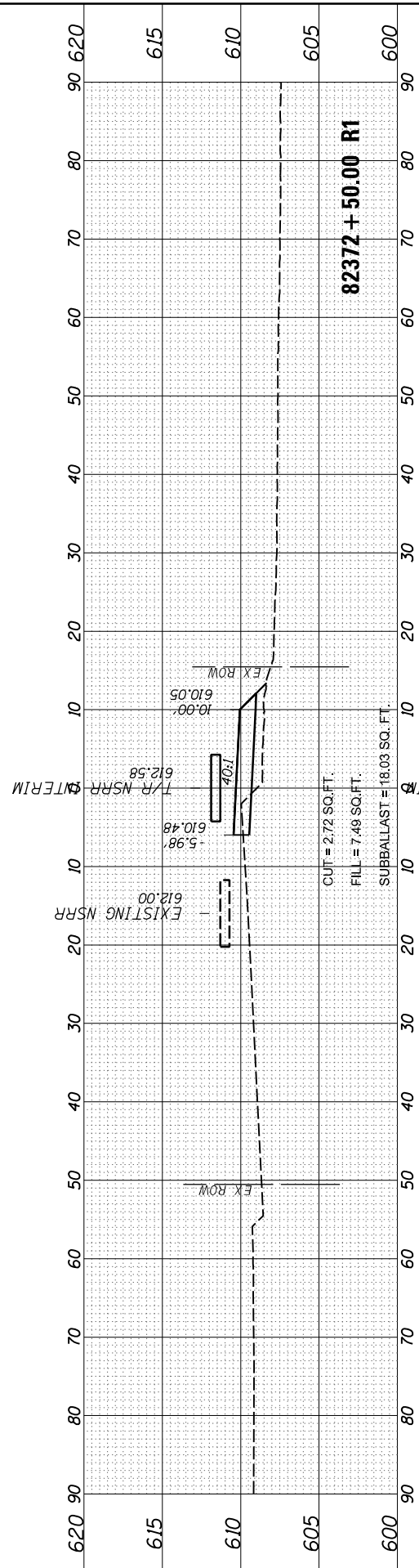
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	481
	09L0179B			

ILLINOIS FED. AID PROJECT CONTRACT NO. 93762

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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USER NAME =	Johns00944
DESIGNED -	GCN
DRAWN -	RH
CHECKED -	GCN
DATE -	11/1/2021
REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

DESIGNED -	GCN
DRAWN -	RH
CHECKED -	GCN
DATE -	11/1/2021
REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET 6 OF 7 SHEETS STA. 82370+00.00 R1 TO STA. 82372+50.00 R1

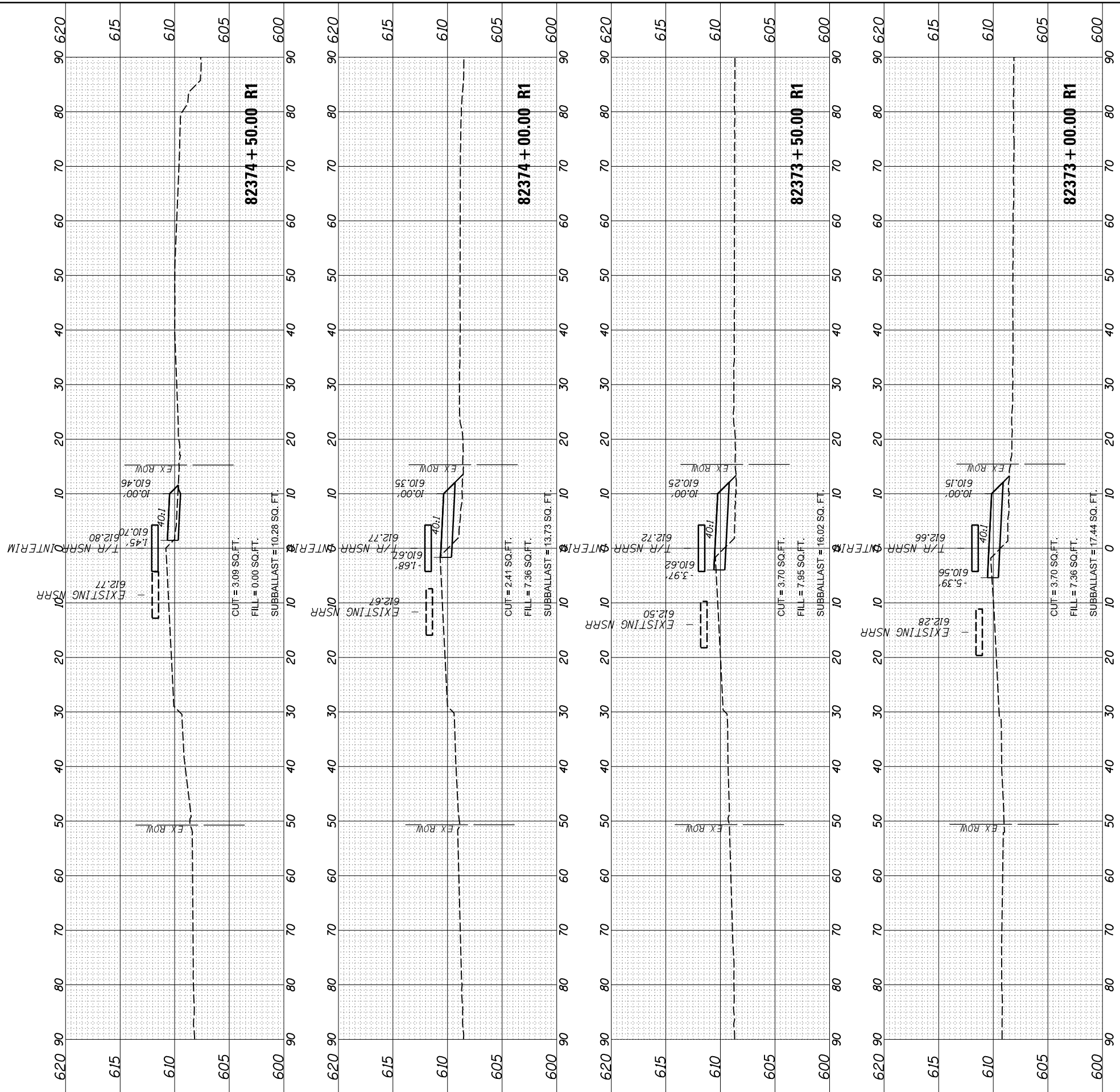
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 2 - NORTH - 6**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	482
	09L0179B			
		CONTRACT NO.	93762	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE AREAS CHECKED		

MODEL Sheet 7
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 2 - NORTH - 7**

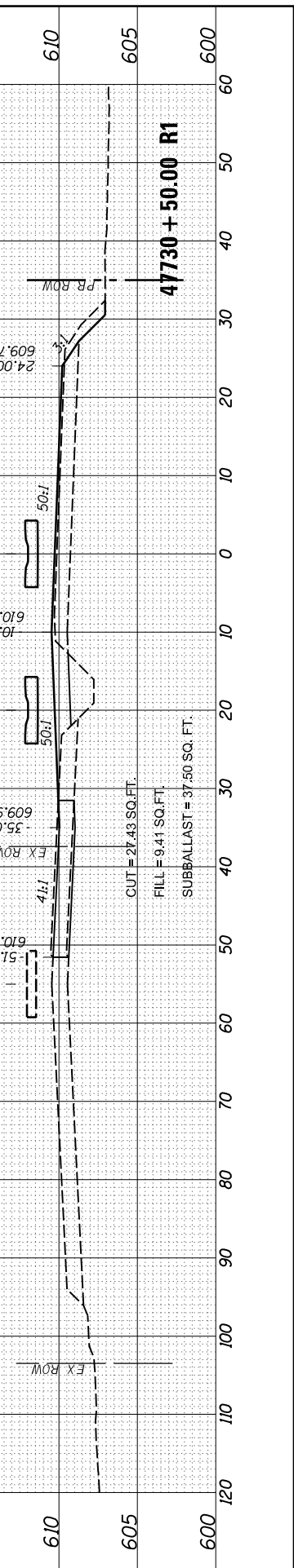
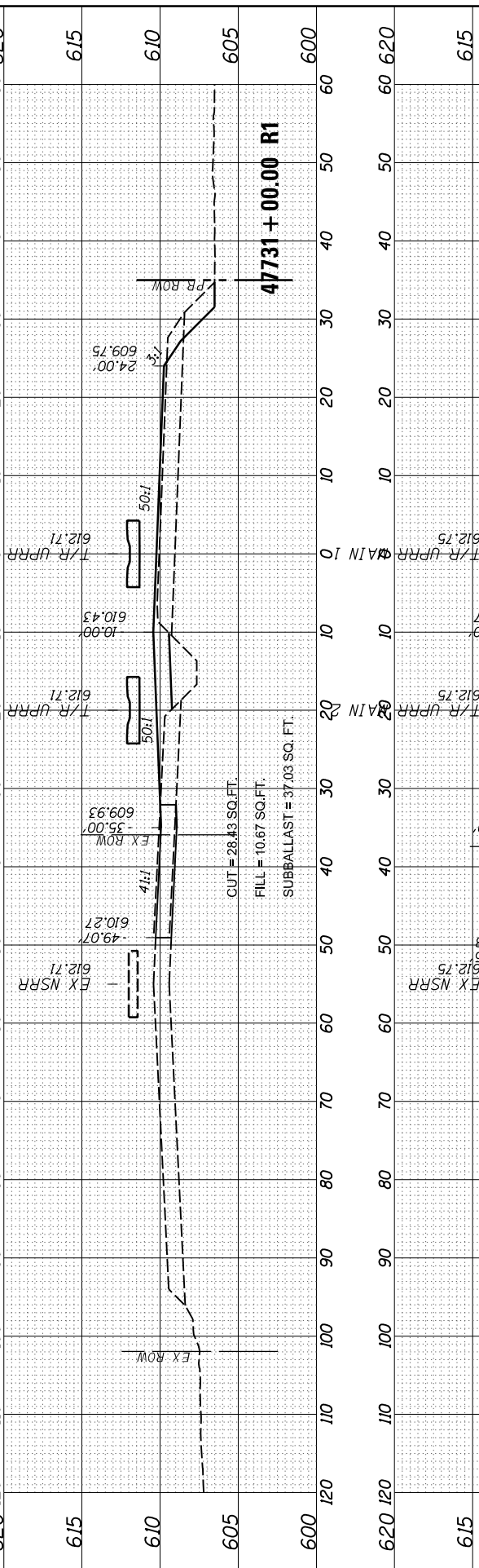
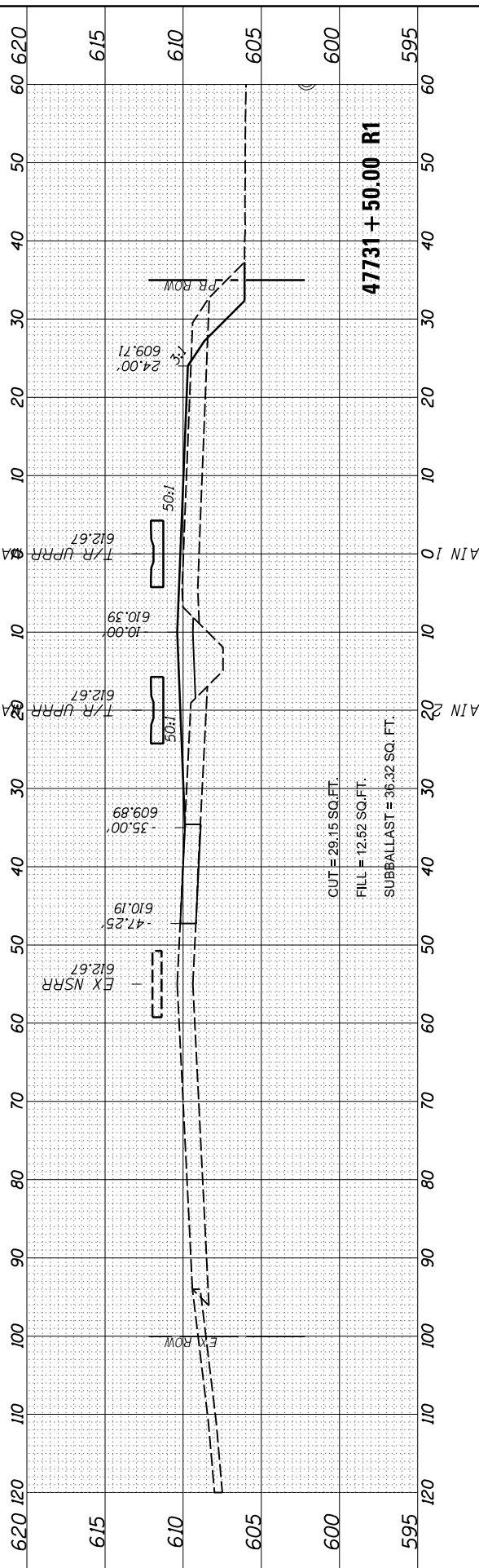
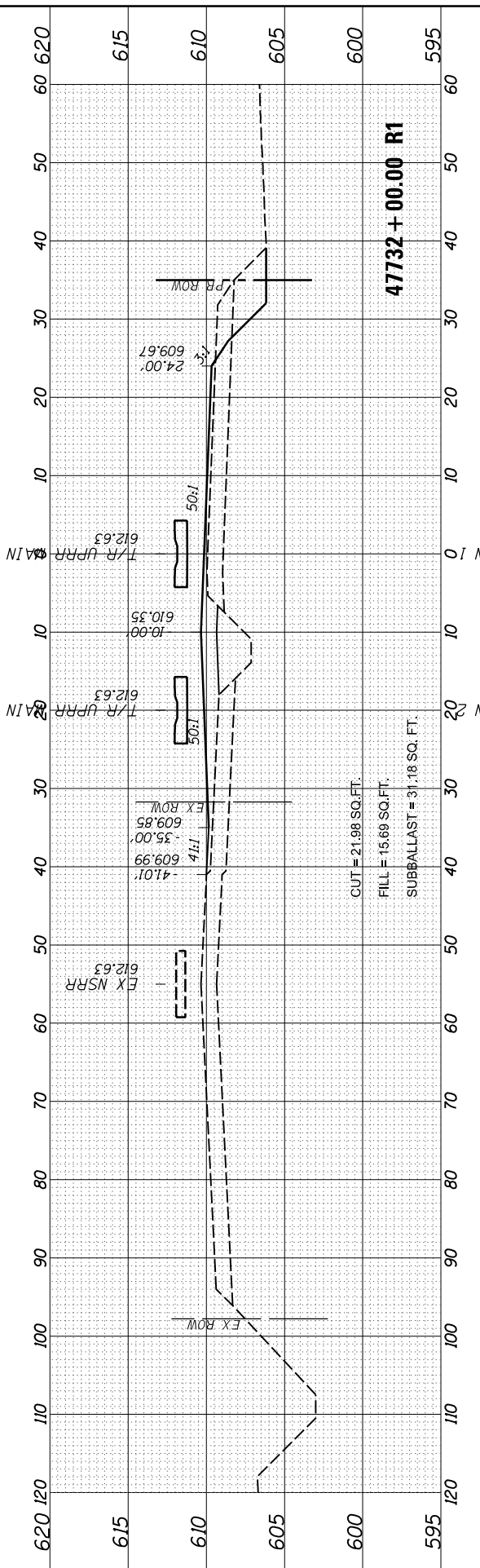
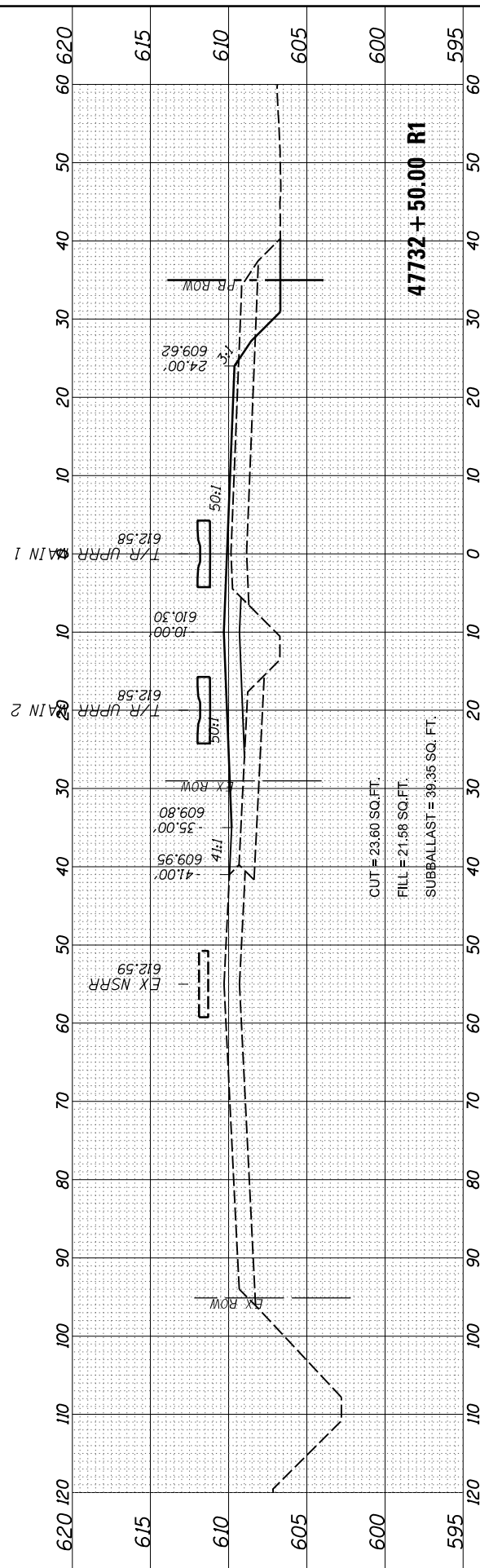
F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 483
09L0179B		CONTRACT NO. 93762	ILLINOIS FED. AID PROJECT	

SCALE: SHEET 7 OF 7 SHEETS STA. 82373+00.00 R1 TO STA. 82375+00.00 R1

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL SHEET 2
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USER NAME = Johns00944	DESIGNED - GCN	REVISIONS
	DRAWN - RH	REVISIONS
	CHECKED - GCN	REVISIONS
	DATE - 11/1/2021	REVISIONS

DESIGNED - GCN	REVISIONS
DRAWN - RH	REVISIONS
CHECKED - GCN	REVISIONS
DATE - 11/1/2021	REVISIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 4 - 2

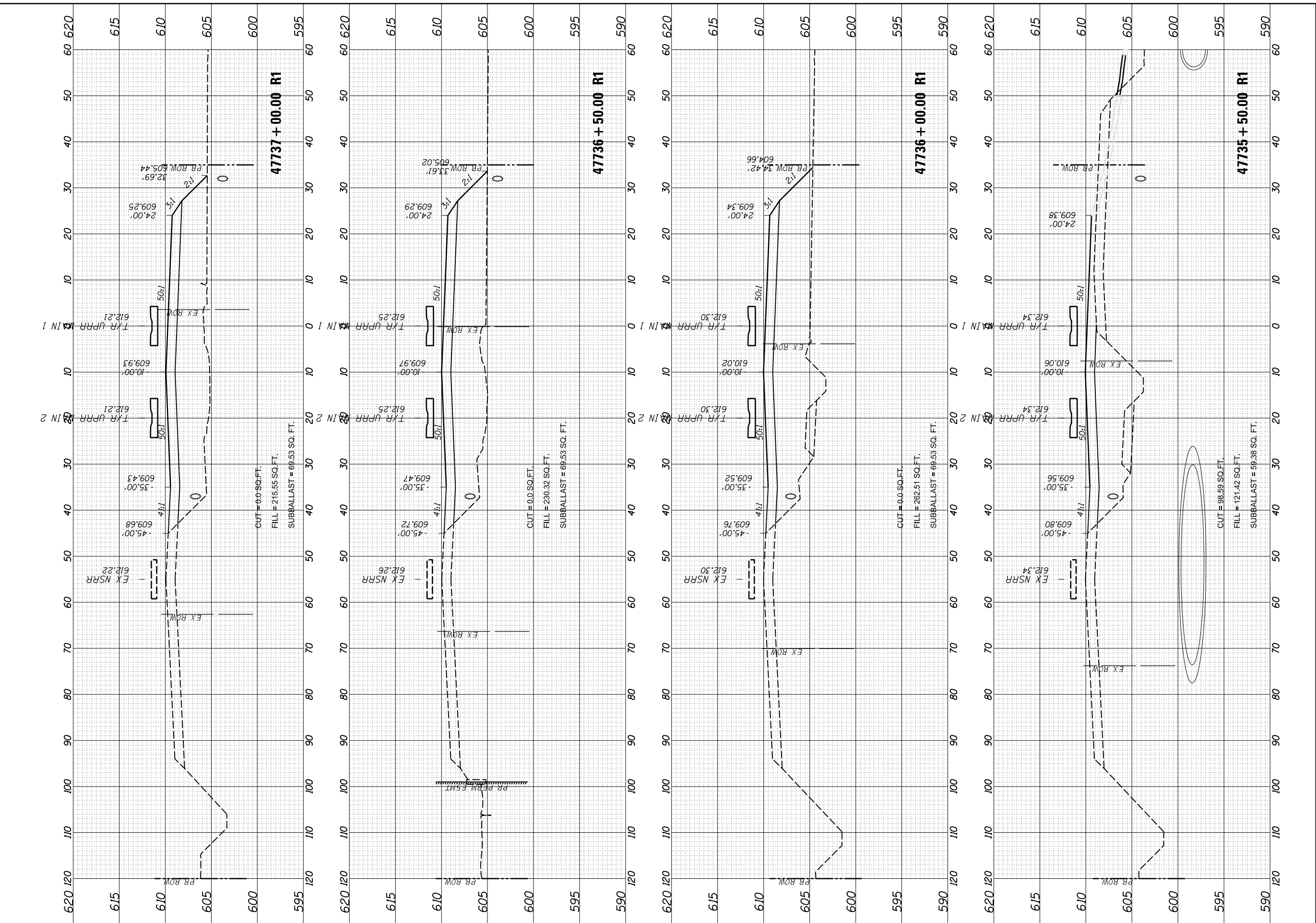
SCALE: SHEET 2 OF 18 SHEETS STA. 47730+50.00 R1 TO STA. 47732+50.00 R1

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 485
	09L0179B	CONTRACT NO. ILLINOIS FED. AID PROJECT	93762	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

MODEL Sheet 4
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

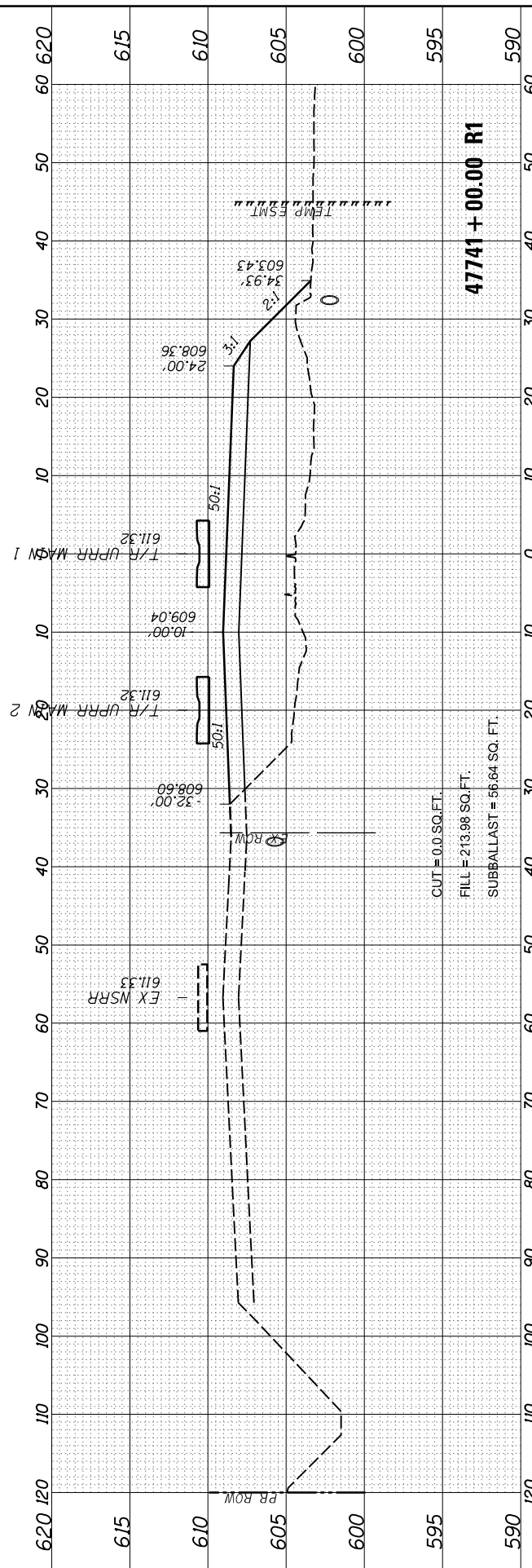
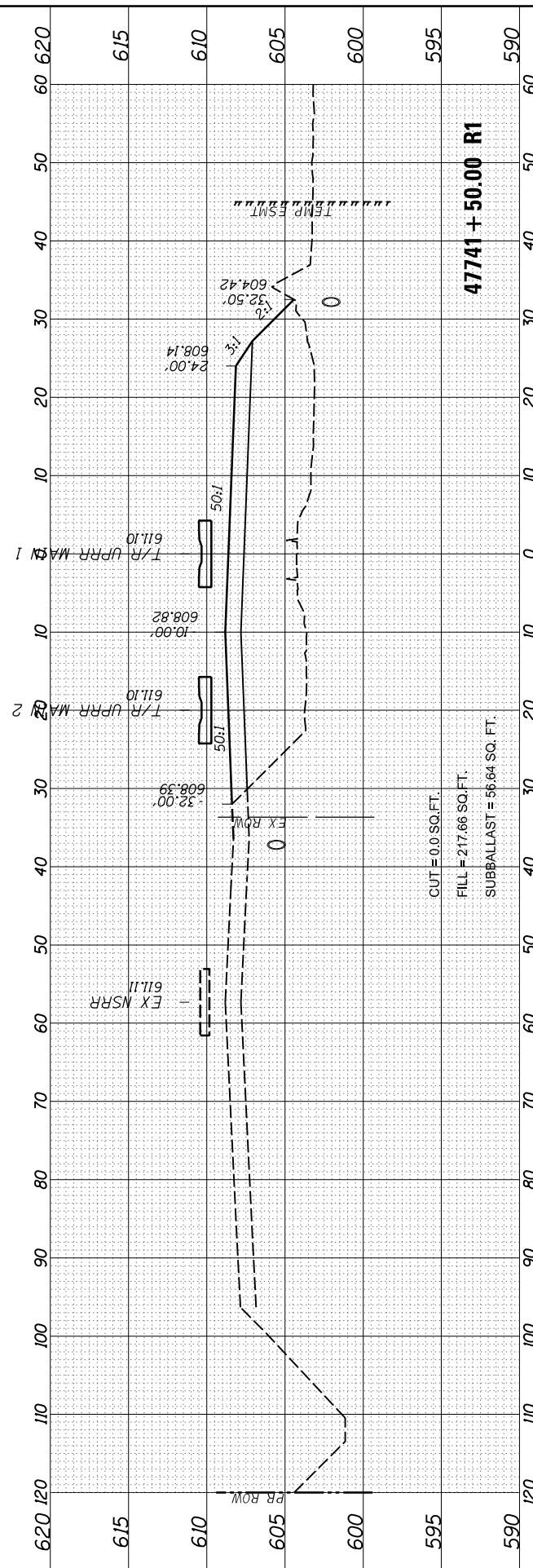
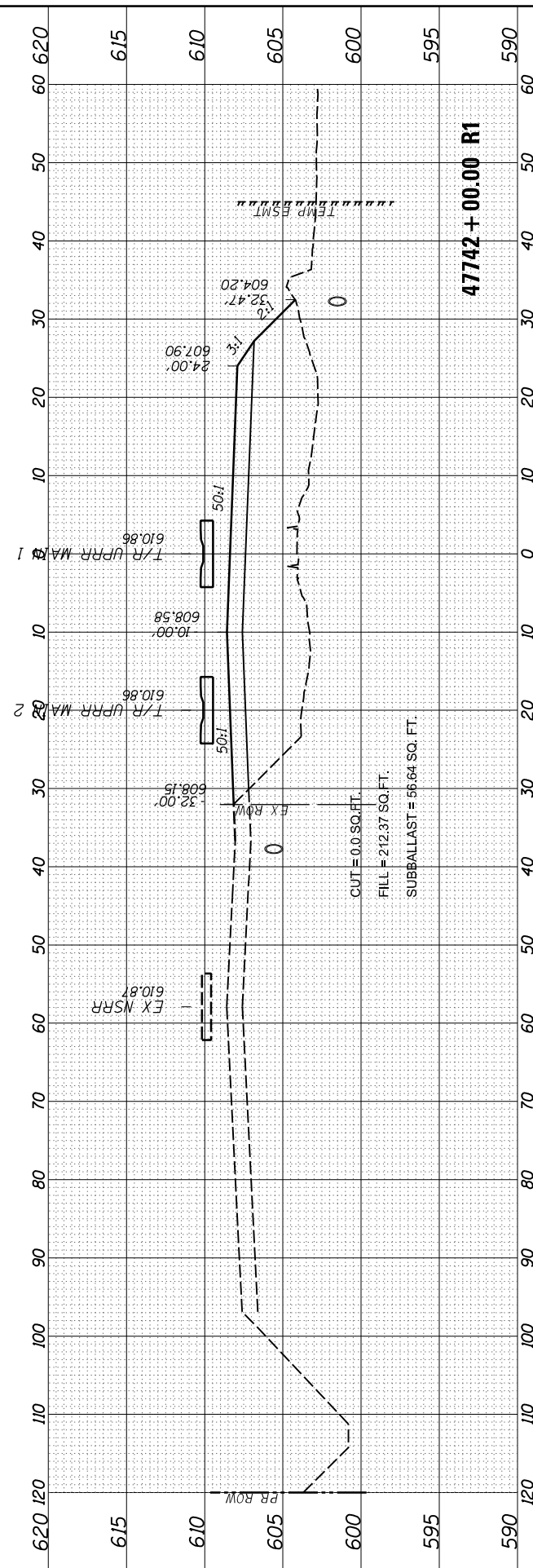
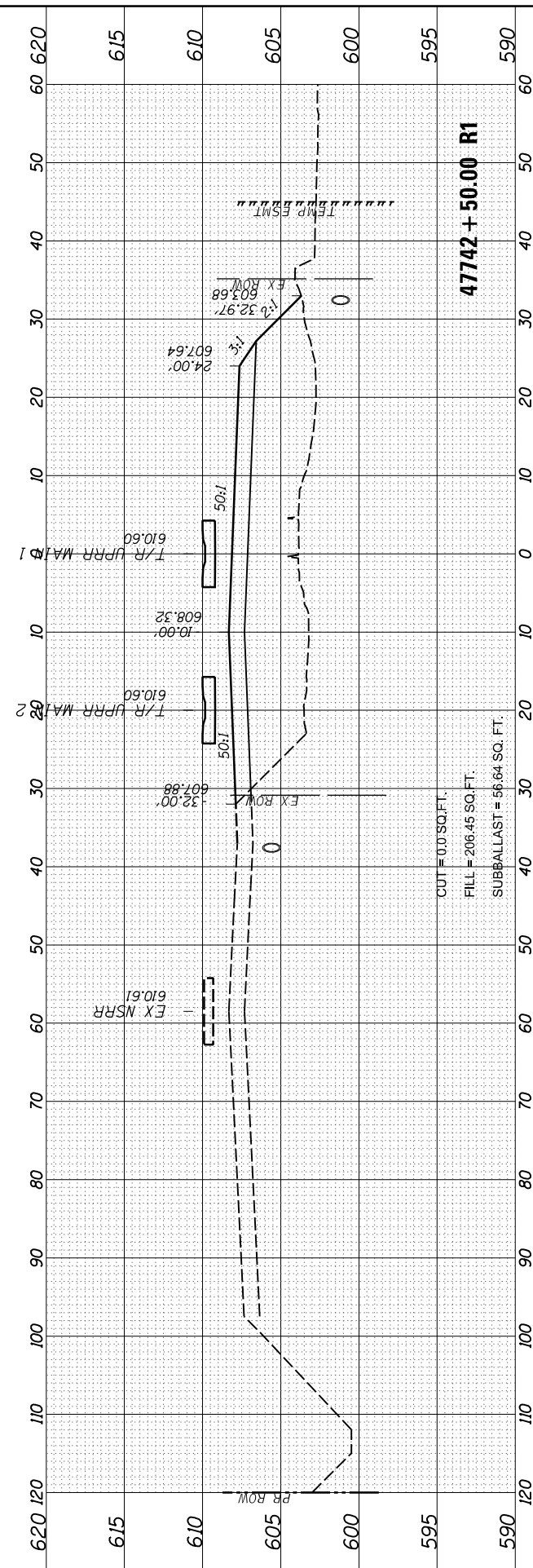
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 4 - 4**

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 487
	09L0179B	CONTRACT NO. 93762		
SCALE: SHEET 4 OF 18 SHEETS STA. 47735+50.00 R1 TO STA. 47737+00.00 R1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
NO.	AREAS CHECKED	

MODEL Sheet 6
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

DRAWN - RH	REVISED -
CHECKED - GCN	REVISED -
DATE - 11/1/2021	REVISED -

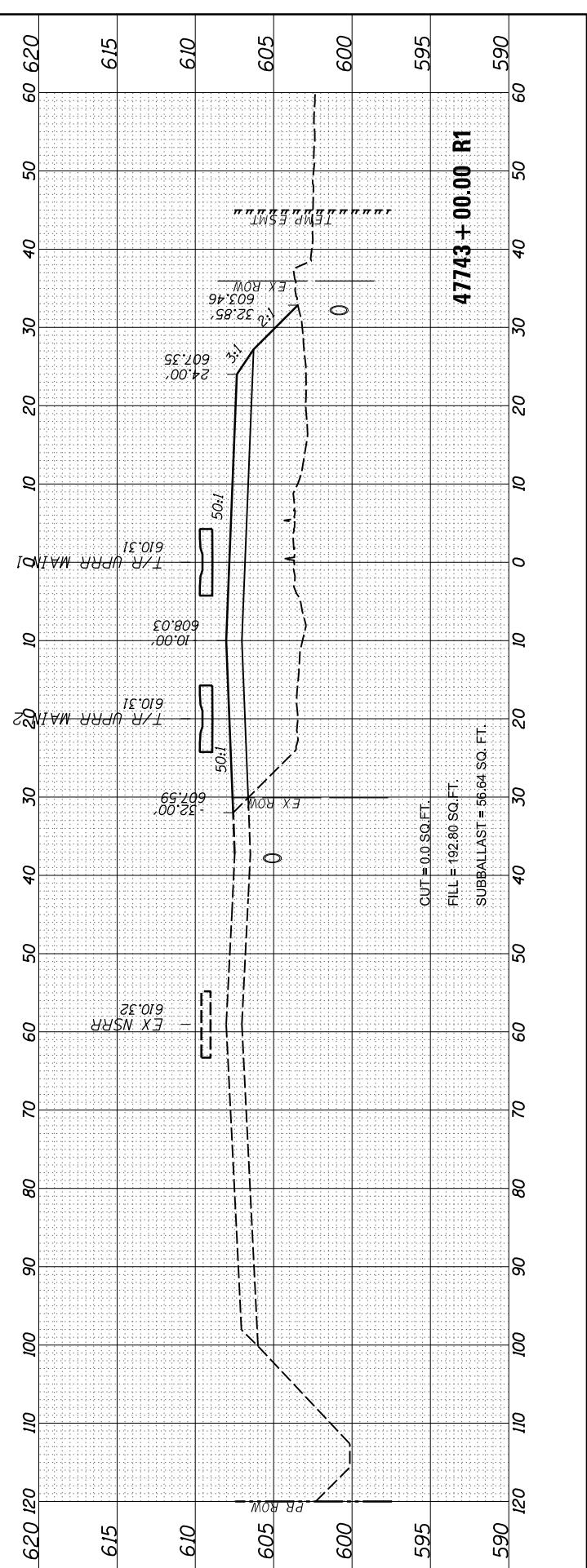
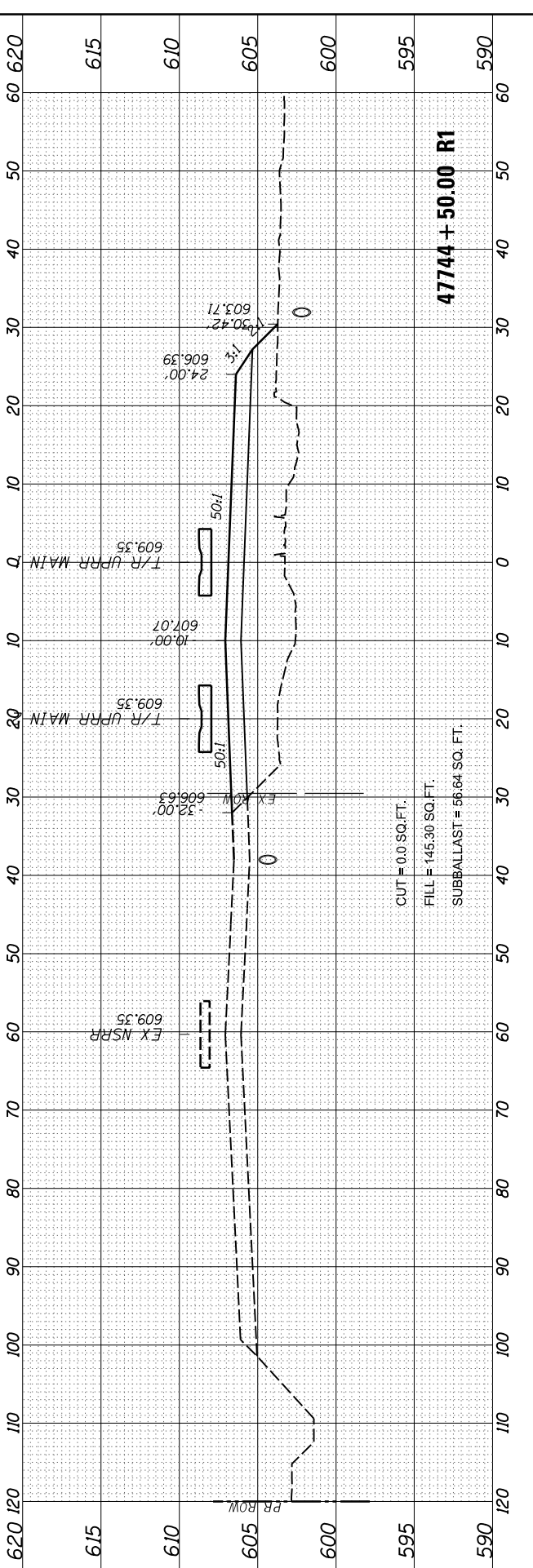
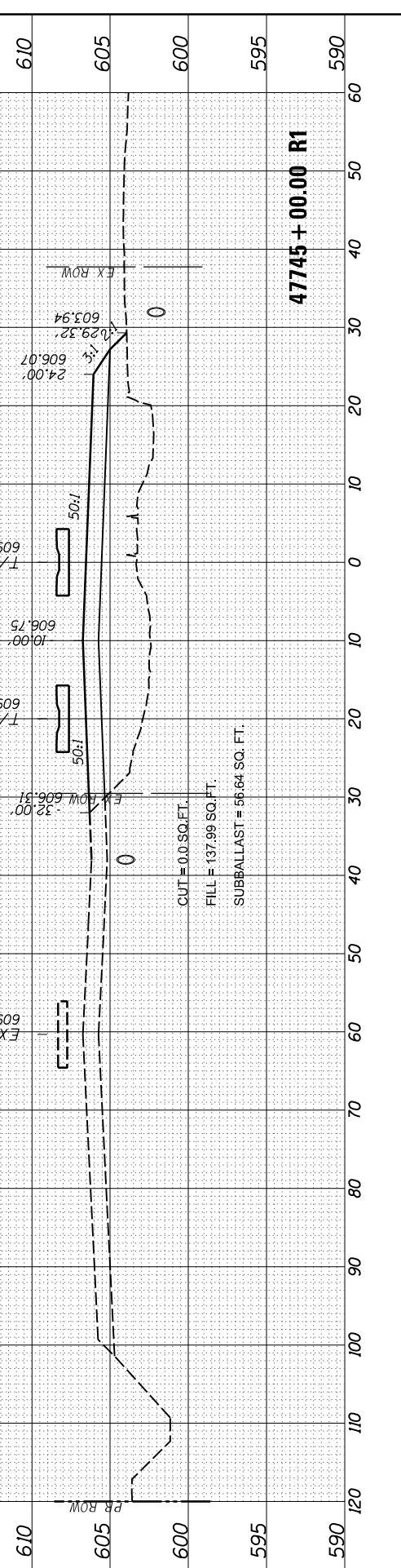
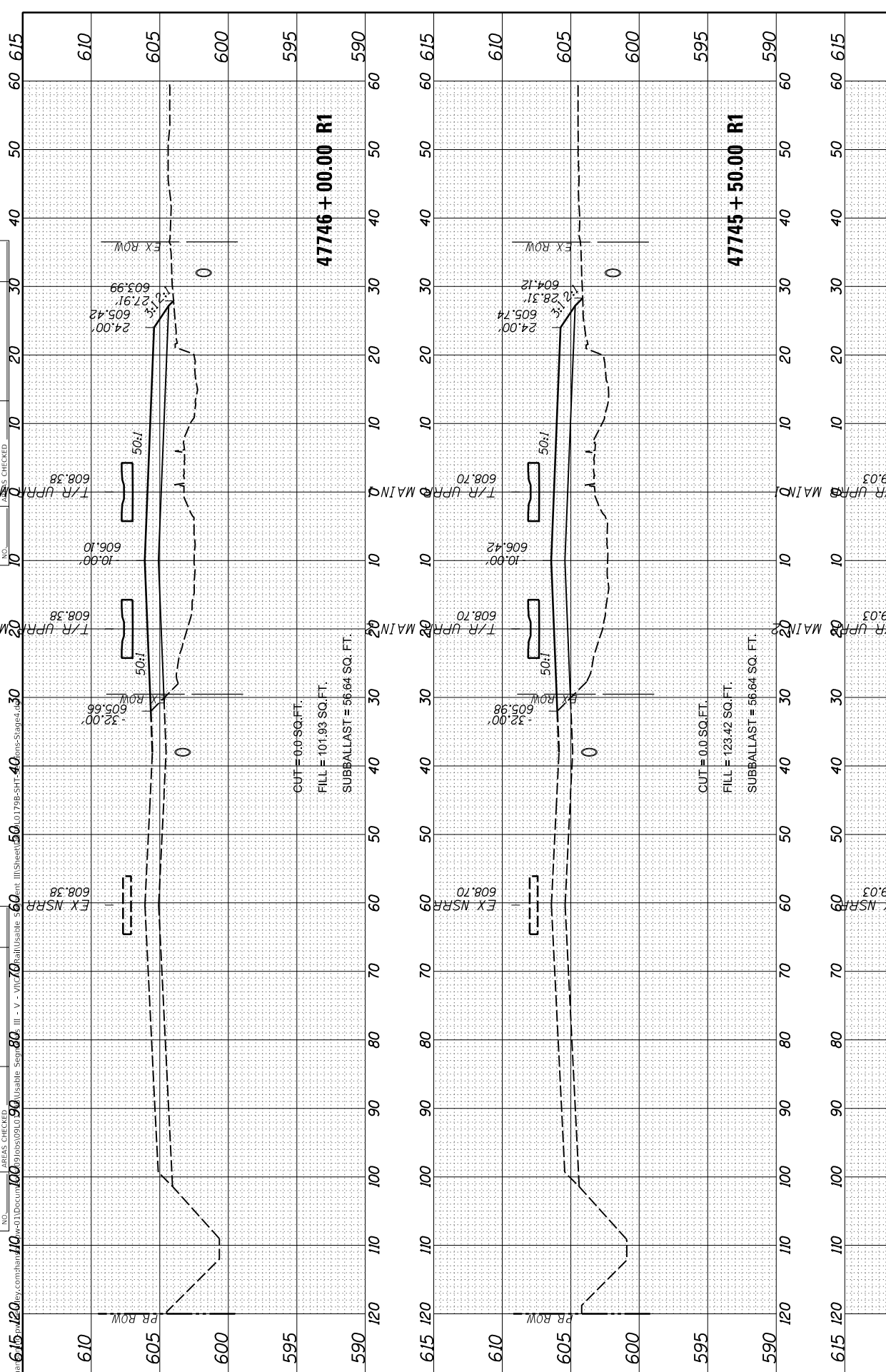
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - STAGE 4 - 6**

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 489
09L0179B		CONTRACT NO. 93762		
SCALE: SHEET 6 OF 18 SHEETS		STA. 47741+00.00 R1 TO STA. 47742+50.00 R1	ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
NO.	BY
CHECKED	DATE
NO.	BY
CHECKED	DATE

ORIGINAL SURVEY	DATE
NO.	BY
CHECKED	DATE
NO.	BY
CHECKED	DATE



MODEL SHEET 7	FILE NAME: p:\data\615-120\091001\091001.dwg	
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PLOT DATE = 11/2/2021	CHECKED - GCN	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SPRINGFIELD RAIL IMPROVEMENTS PROJECT			
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS			
CROSS SECTIONS - STAGE 4 - 7			
F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509
	09L0179B	CONTRACT NO. 93762	SHEET NO. 490
SCALE:	SHEET 7 OF 18 SHEETS	STA. 47743+00.00 R1 TO STA. 47746+00.00 R1	ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Sheet 8
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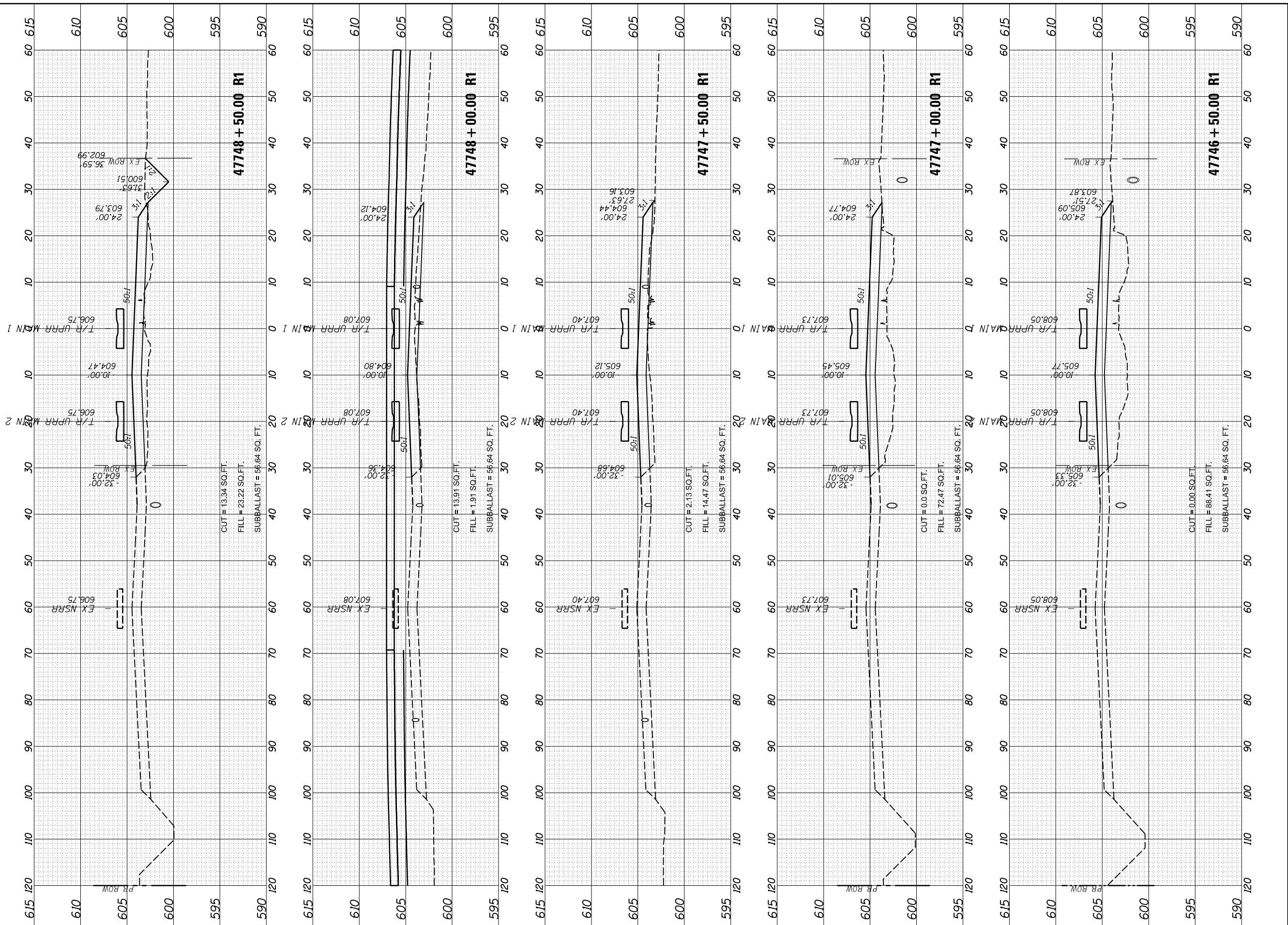
USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 4 - 8**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	491
	09L0179B		CONTRACT NO.	93762
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 8 OF 18 SHEETS STA. 47746+50.00 R1 TO STA. 47748+50.00 R1



47748 + 50.00 R1

47748 + 00.00 R1

47747 + 50.00 R1

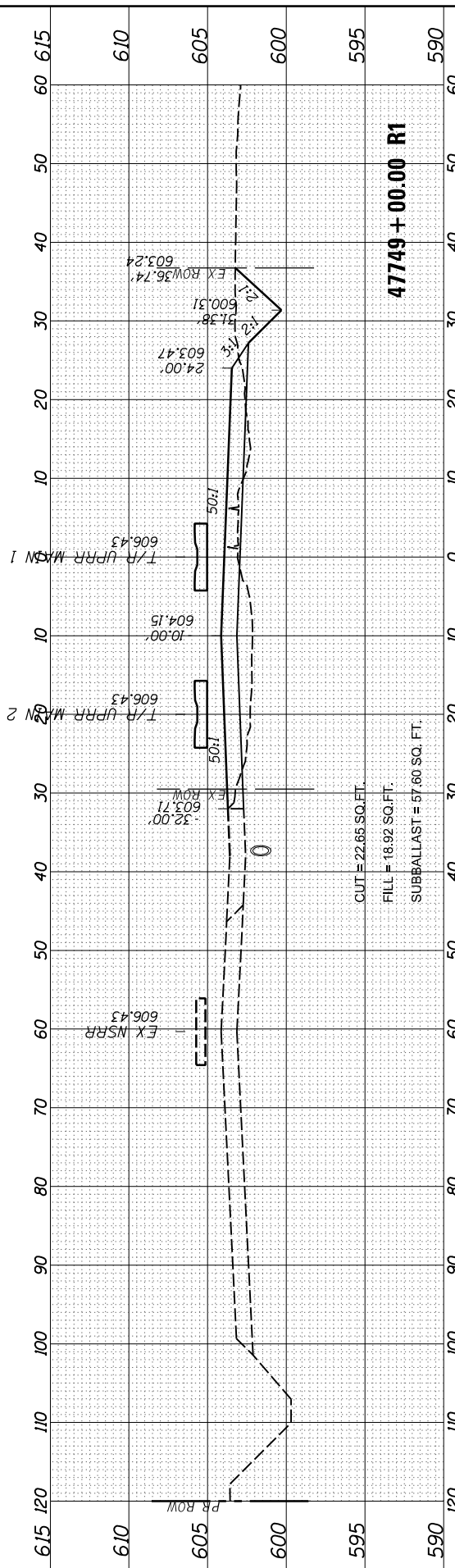
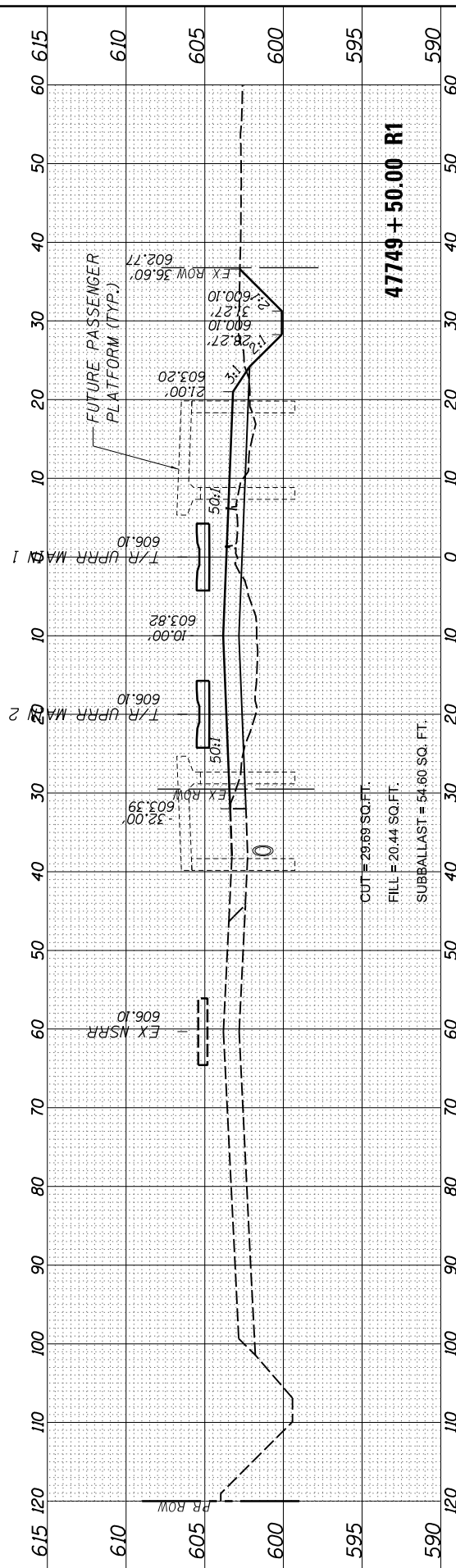
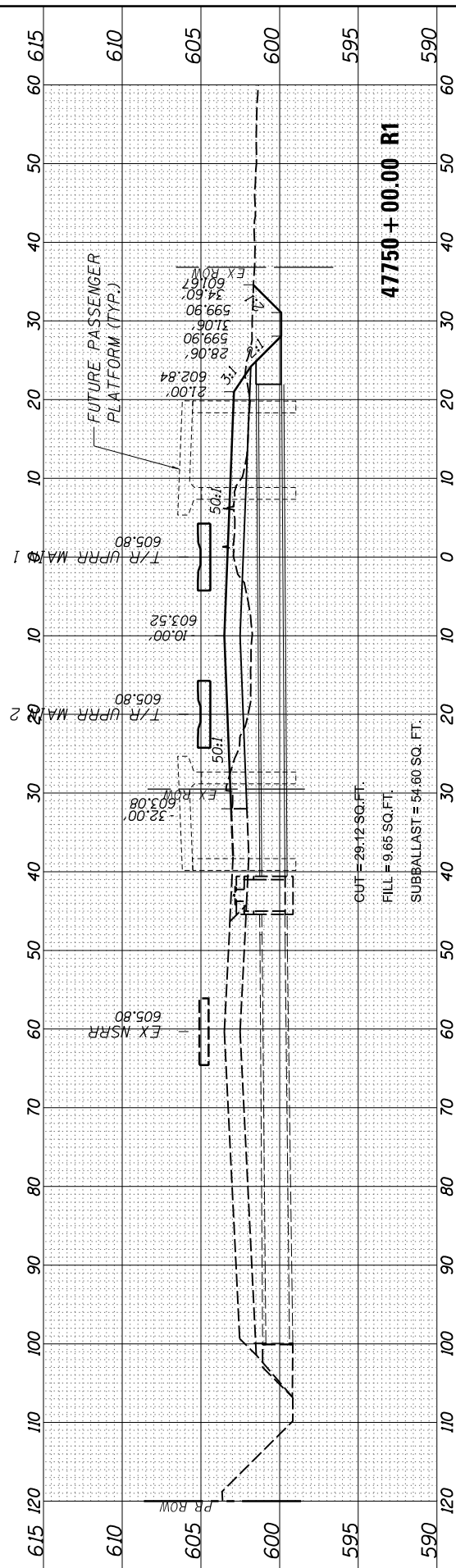
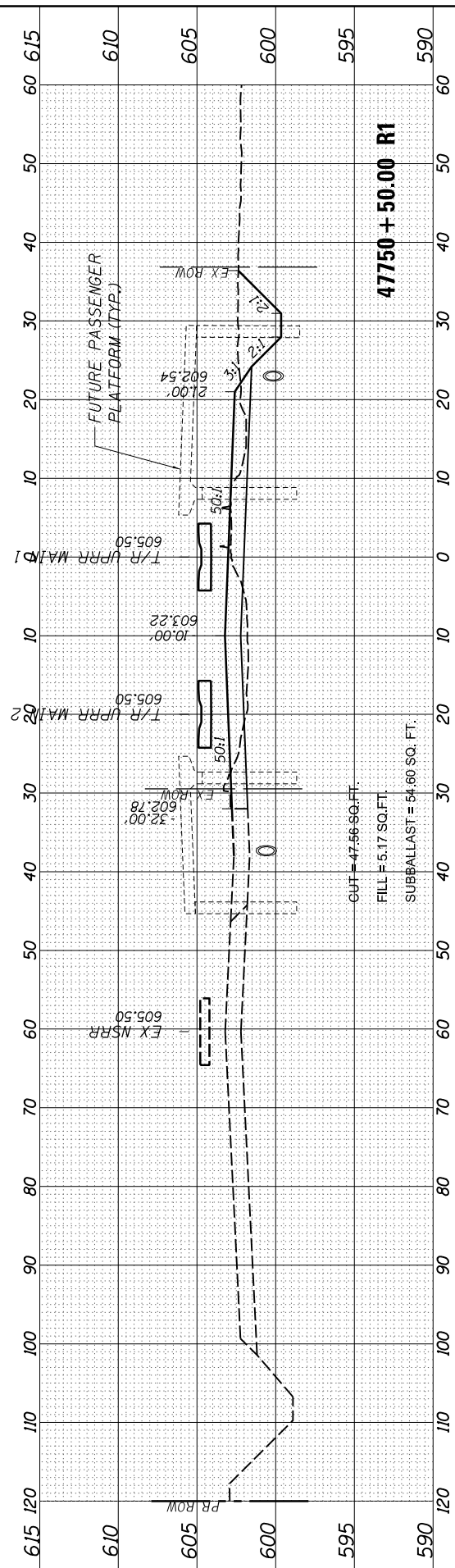
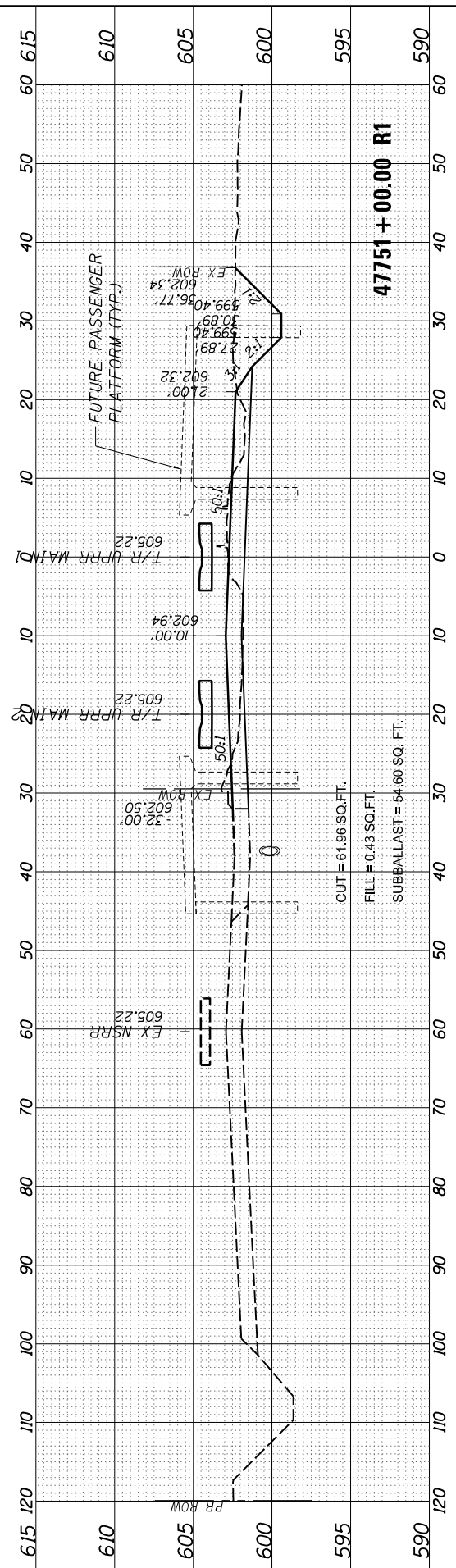
47747 + 00.00 R1

47746 + 50.00 R1

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

MODEL SHEET 9
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 4 - 9**

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 492
	09L0179B		CONTRACT NO. 93762	

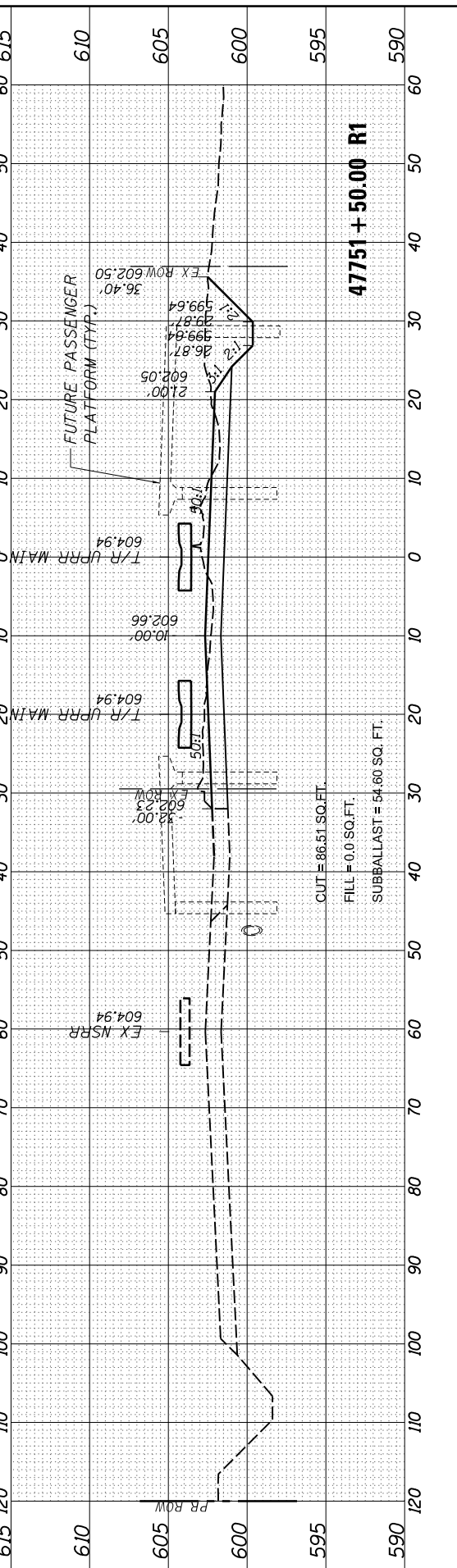
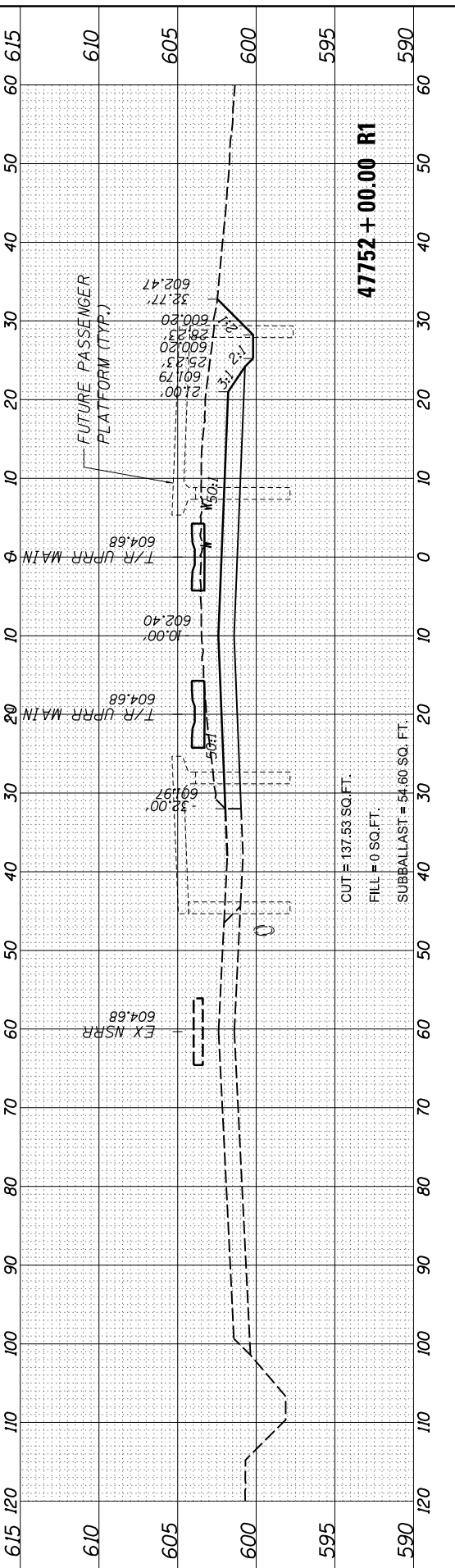
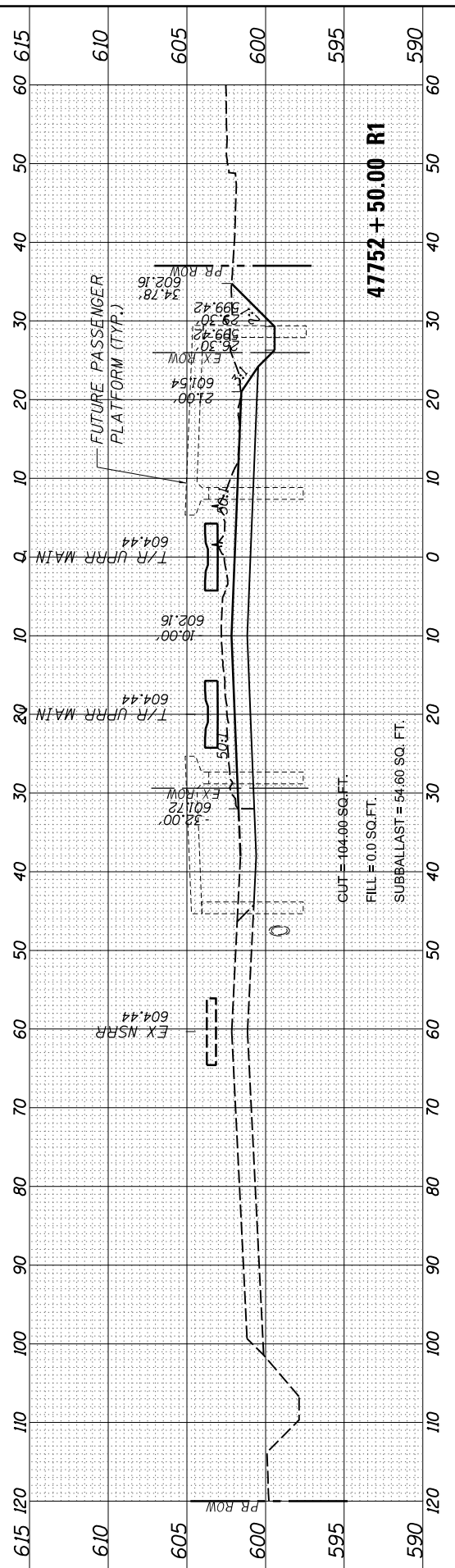
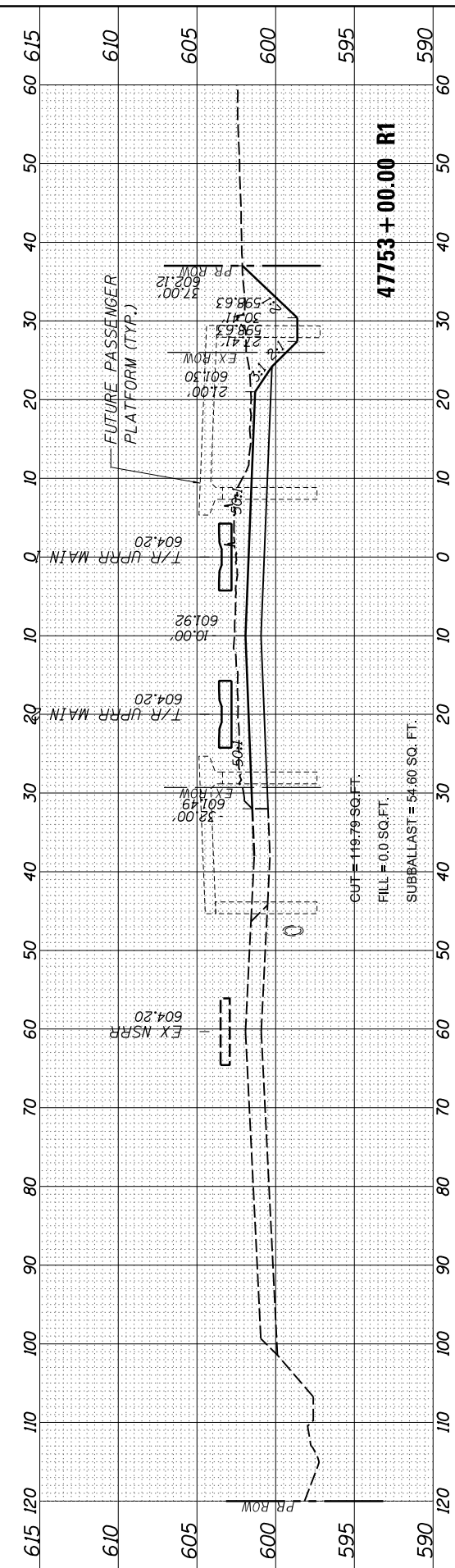
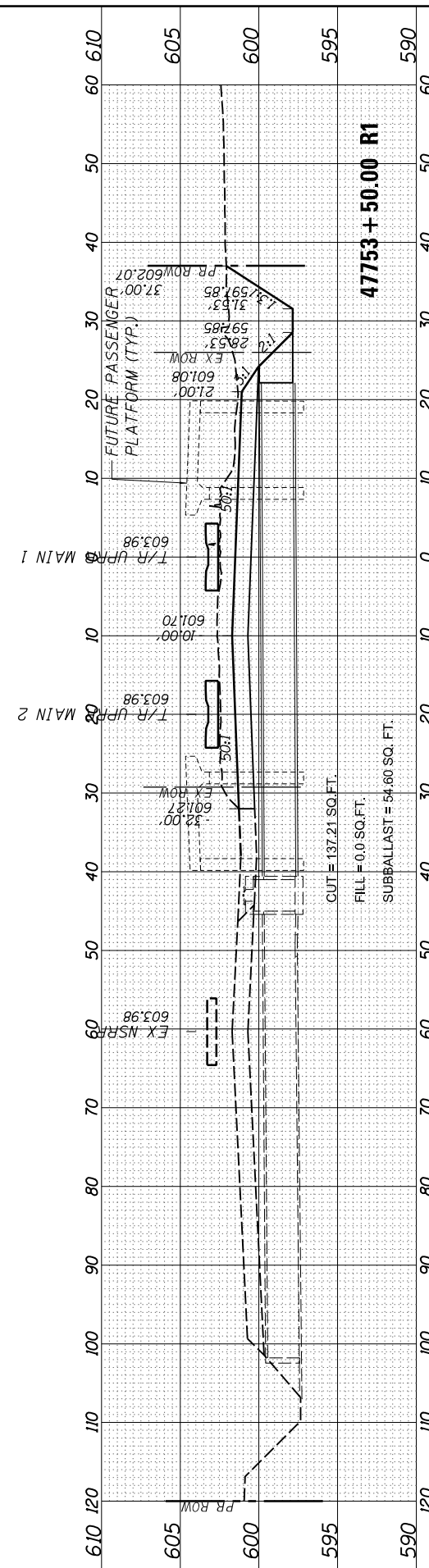
SCALE: SHEET 9 OF 18 SHEETS STA. 47749+00.00 R1 TO STA. 47751+00.00 R1

ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL SHEET 10
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - STAGE 4 - 10**

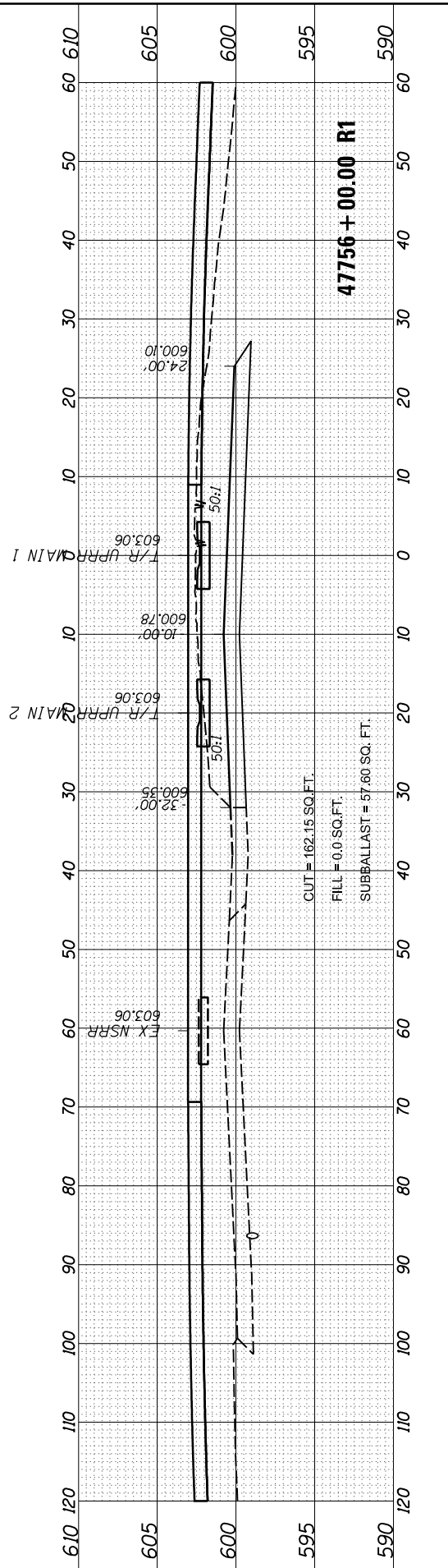
SCALE: SHEET 10 OF 18 SHEETS STA. 47751+50.00 R1 TO STA. 47753+50.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	493
	09L0179B		CONTRACT NO.	93762
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

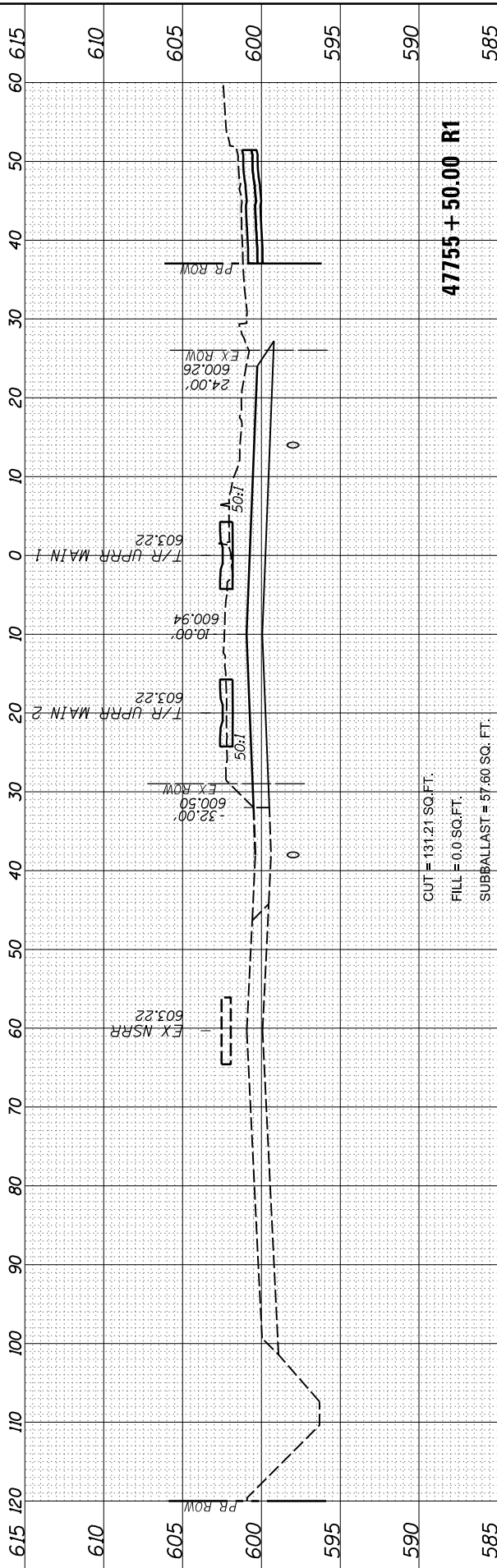
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL SHEET 11
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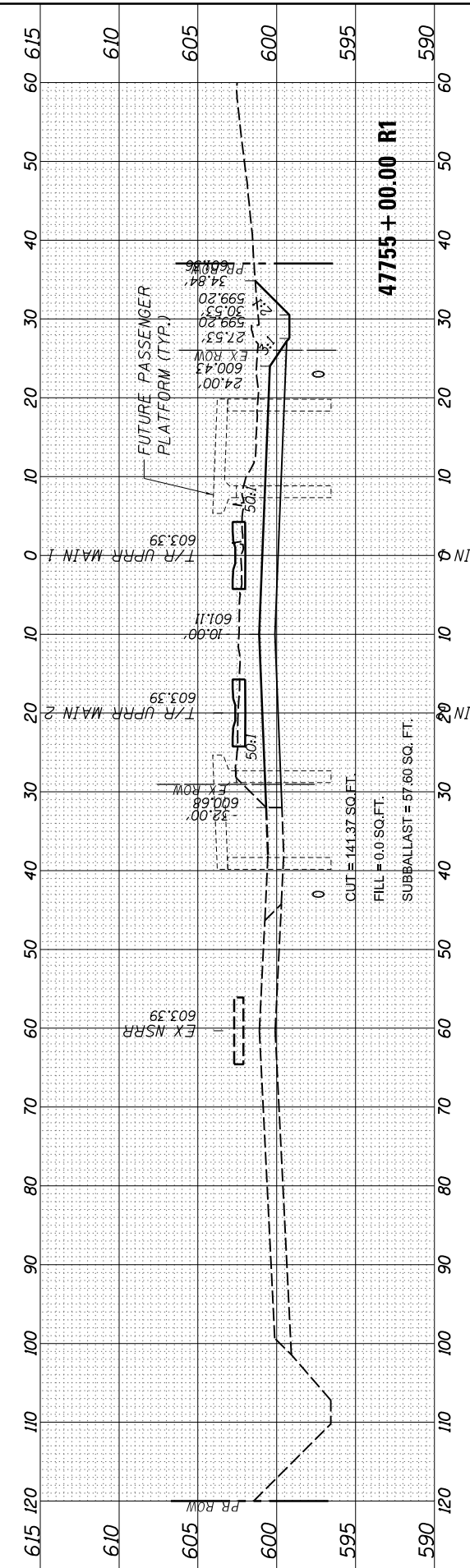
47756 + 00.00 R1

CUT = 162.15 SQ. FT.
 FILL = 0.0 SQ. FT.
 SUBBALLAST = 57.60 SQ. FT.



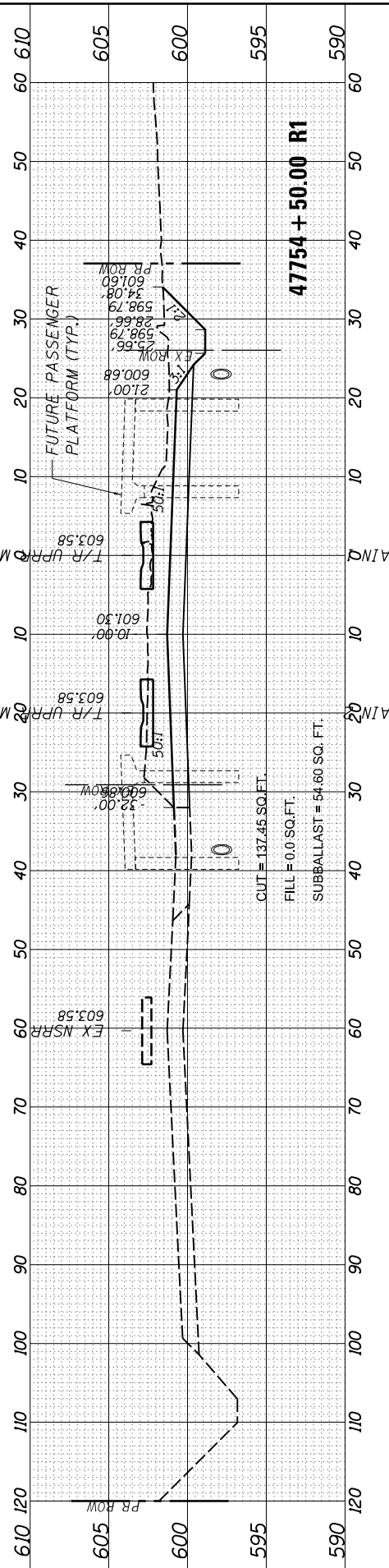
47755 + 50.00 R1

CUT = 131.21 SQ. FT.
 FILL = 0.0 SQ. FT.
 SUBBALLAST = 57.60 SQ. FT.



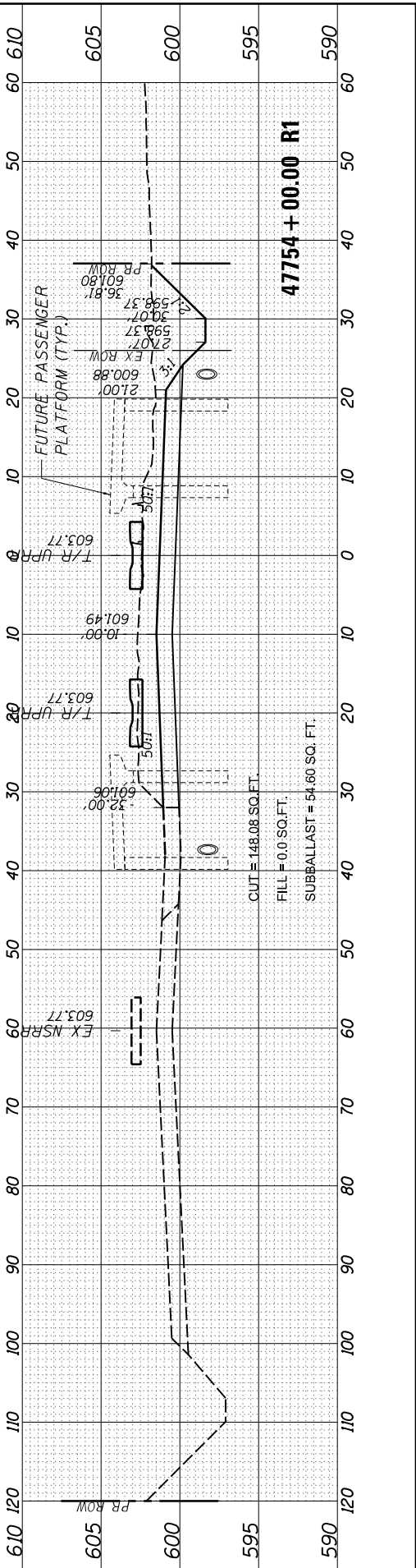
47755 + 00.00 R1

CUT = 141.37 SQ. FT.
 FILL = 0.0 SQ. FT.
 SUBBALLAST = 57.60 SQ. FT.



47754 + 50.00 R1

CUT = 137.45 SQ. FT.
 FILL = 0.0 SQ. FT.
 SUBBALLAST = 54.60 SQ. FT.



47754 + 00.00 R1

CUT = 148.08 SQ. FT.
 FILL = 0.0 SQ. FT.
 SUBBALLAST = 54.60 SQ. FT.

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 4 - 11**

USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

SCALE: SHEET 11 OF 18 SHEETS STA. 47754+00.00 R1 TO STA. 47756+00.00 R1

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 494
	09L0179B	CONTRACT NO. 93762		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK	TEMPLATE	BY
AREAS CHECKED	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	DATE
NOTE BOOK	TEMPLATE	BY
AREAS CHECKED	AREAS CHECKED	

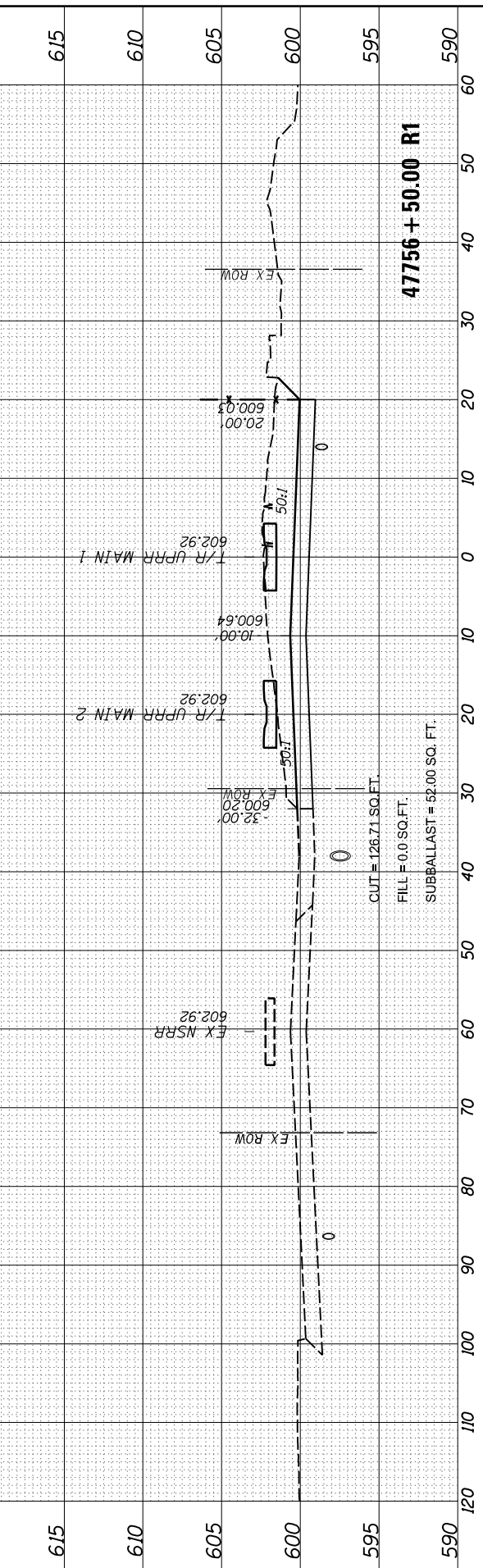
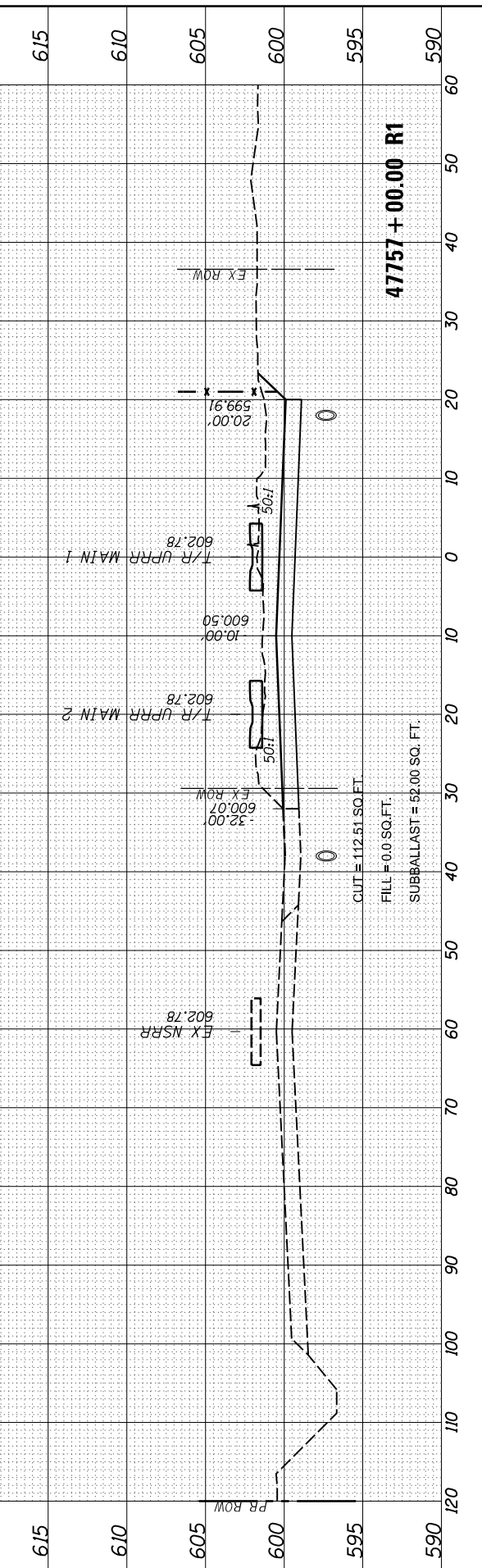
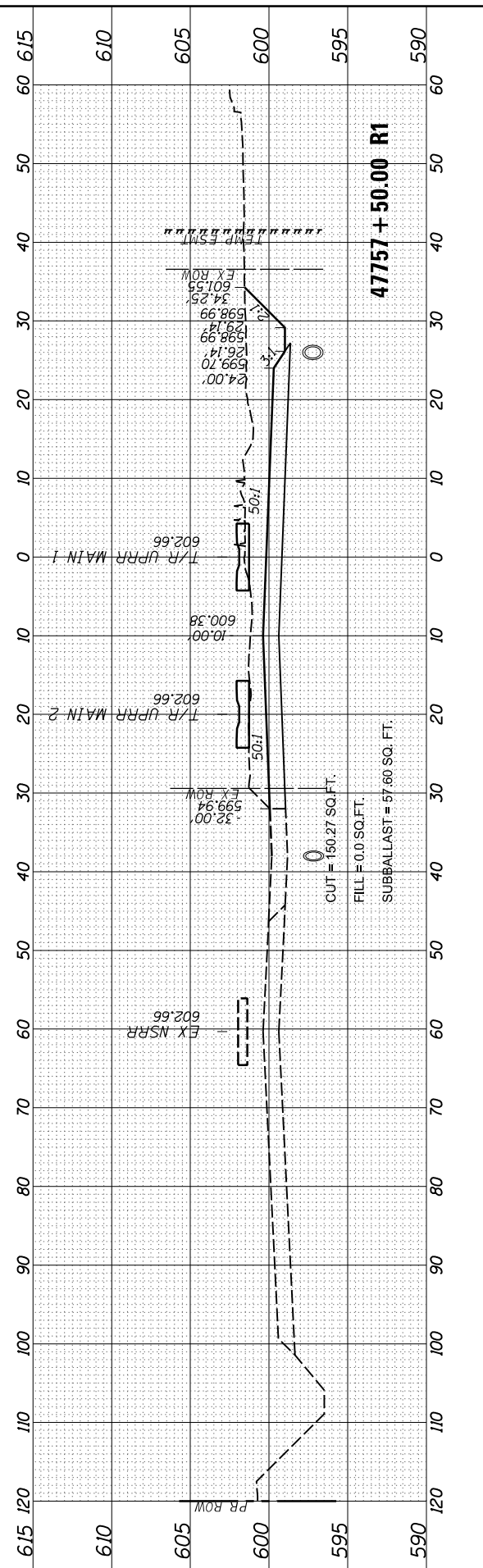
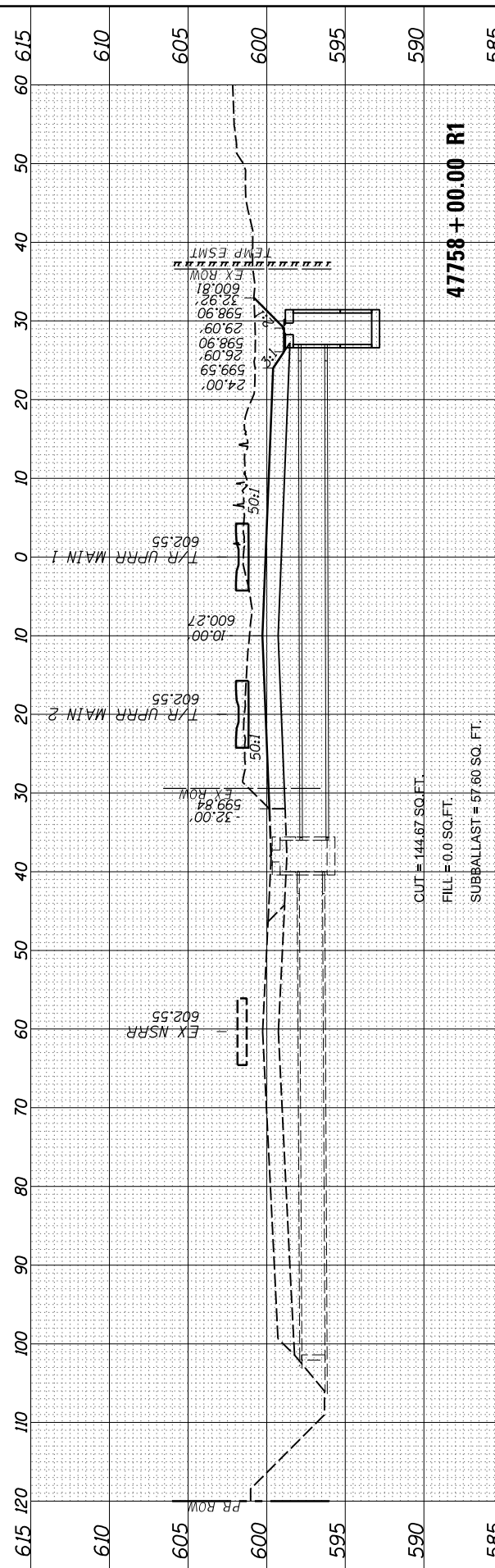
MODEL Sheet 12
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USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 4 - 12**

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 495
	09L0179B	CONTRACT NO. 93762		
SCALE:		ILLINOIS FED. AID PROJECT		

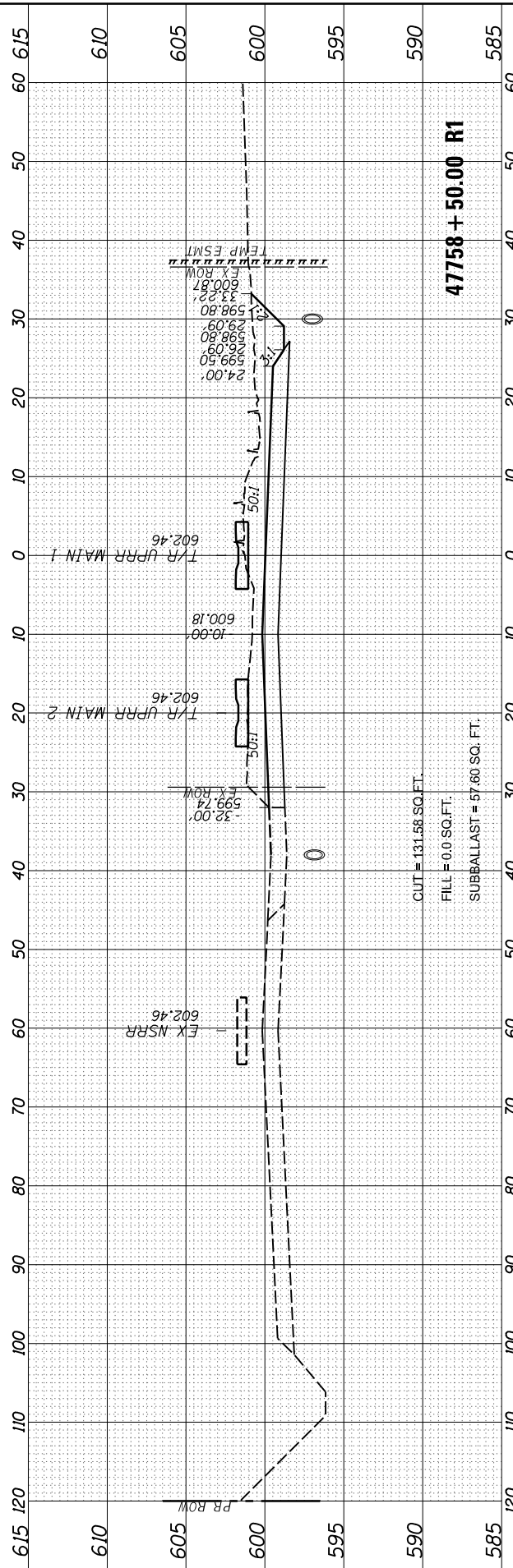
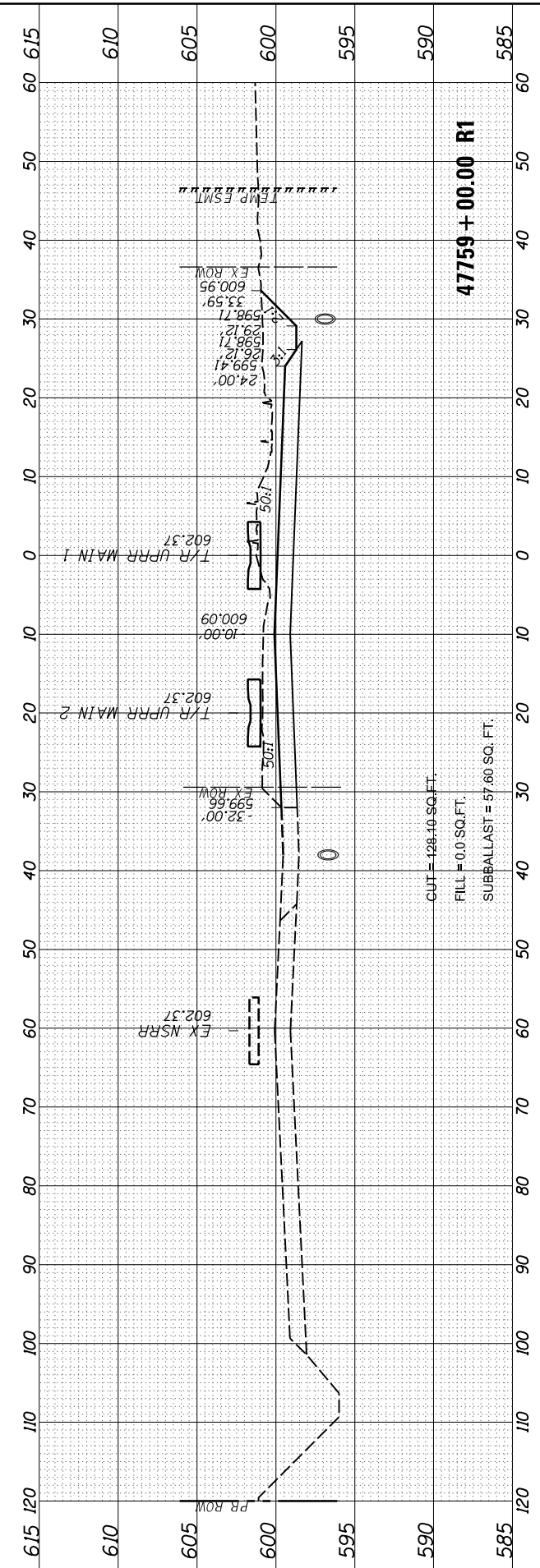
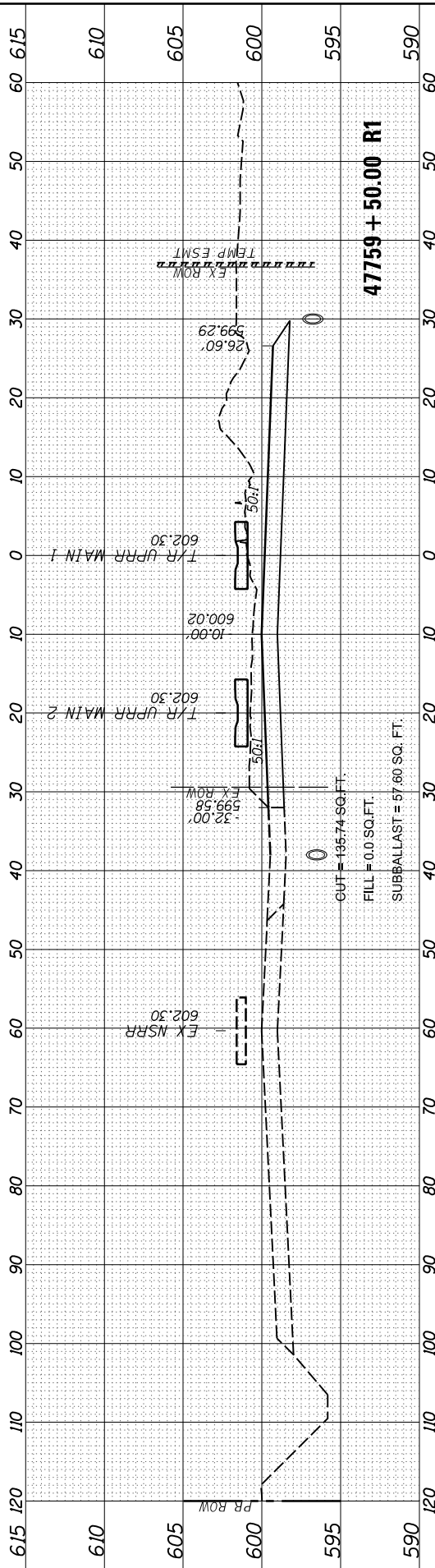
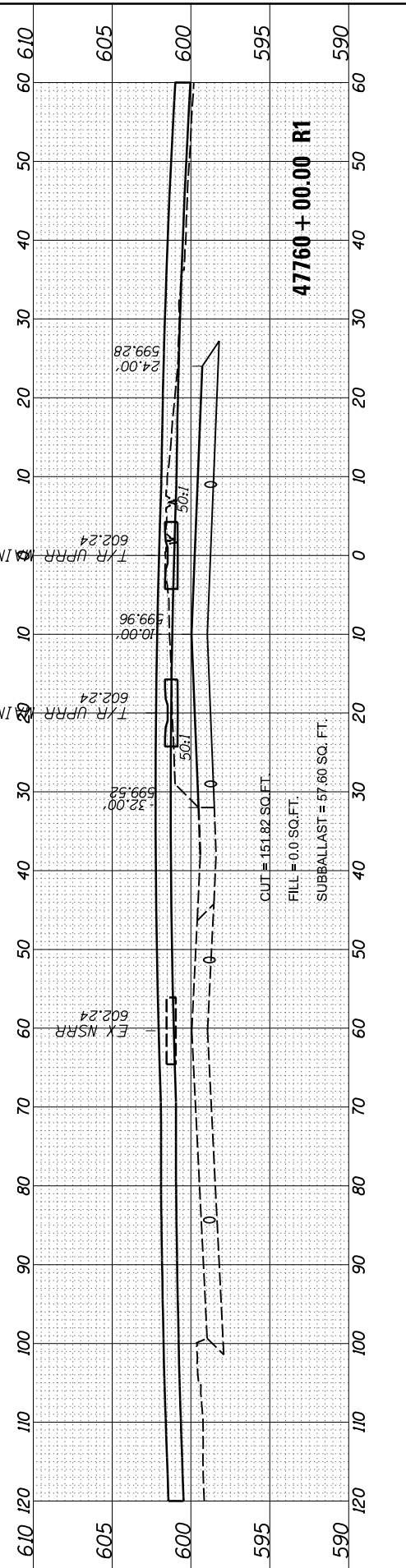
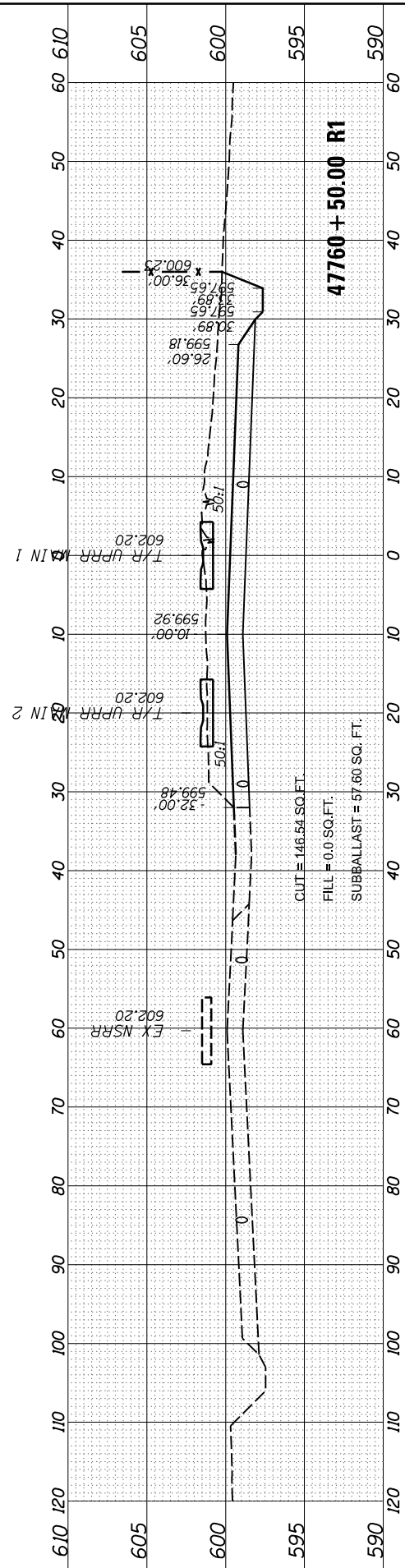


SCALE: SHEET 12 OF 18 SHEETS STA. 47756+50.00 R1 TO STA. 47758+00.00 R1

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
NO.	AREAS CHECKED	

MODEL Sheet 13
 FILE NAME: p:\a\trans\cnc\w\identif\com\hanso\p\p\4\1\Documents\09L0179B\Usable - Segments III - V - V\CAD\Rail\Usable - Segment III\Sheet0609L0179B-SFT-Sections-Stage4.dgn



USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 4 - 13**

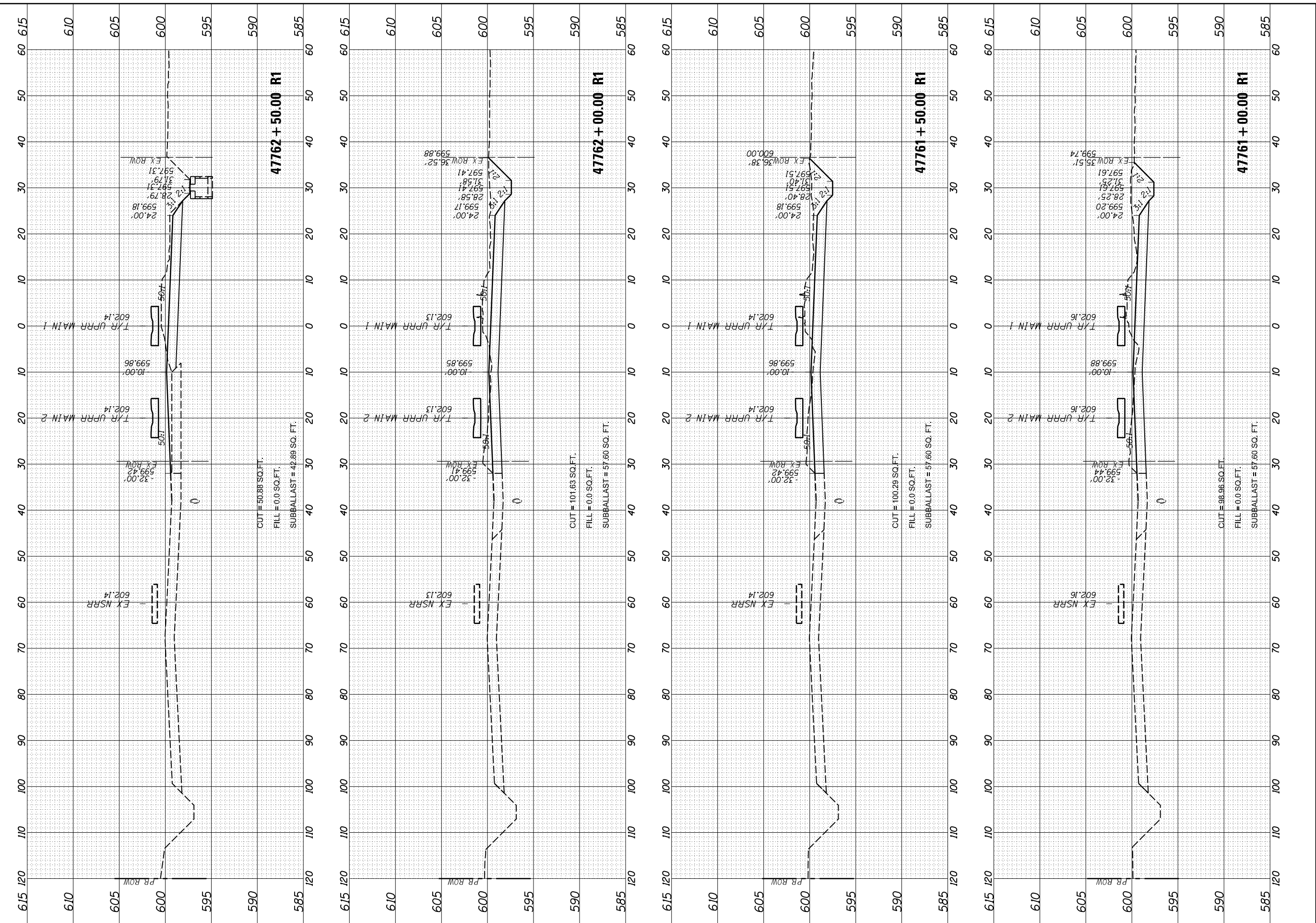
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	496
	09L0179B			CONTRACT NO. 93762

SCALE: SHEET 13 OF 18 SHEETS STA. 47758+50.00 R1 TO STA. 47760+50.00 R1 ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE	BY

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE	BY

MODEL Sheet 14
 FILE NAME: \\va\trans\cnc\work\identif\com\shams\p\p\41\Documents\09L0179B\Usable - Segments III - V - VIT\CAD\Rail\Usable - Segment III\Sheet\0609L0179B-SFT-Sections-Stage4.dgn



USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

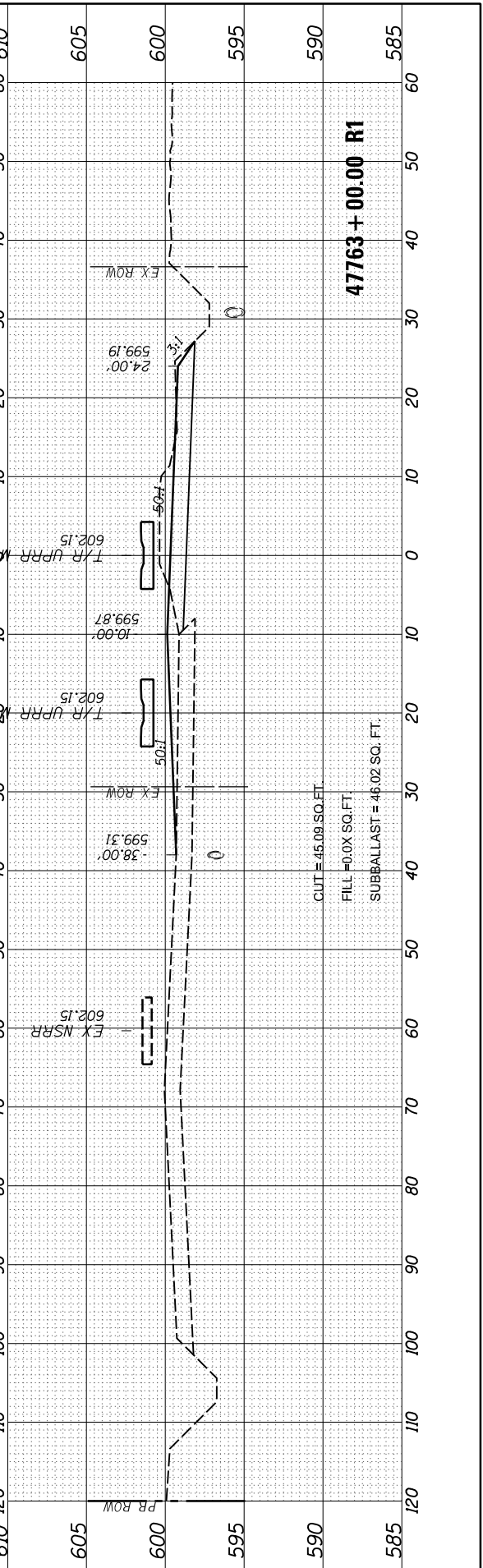
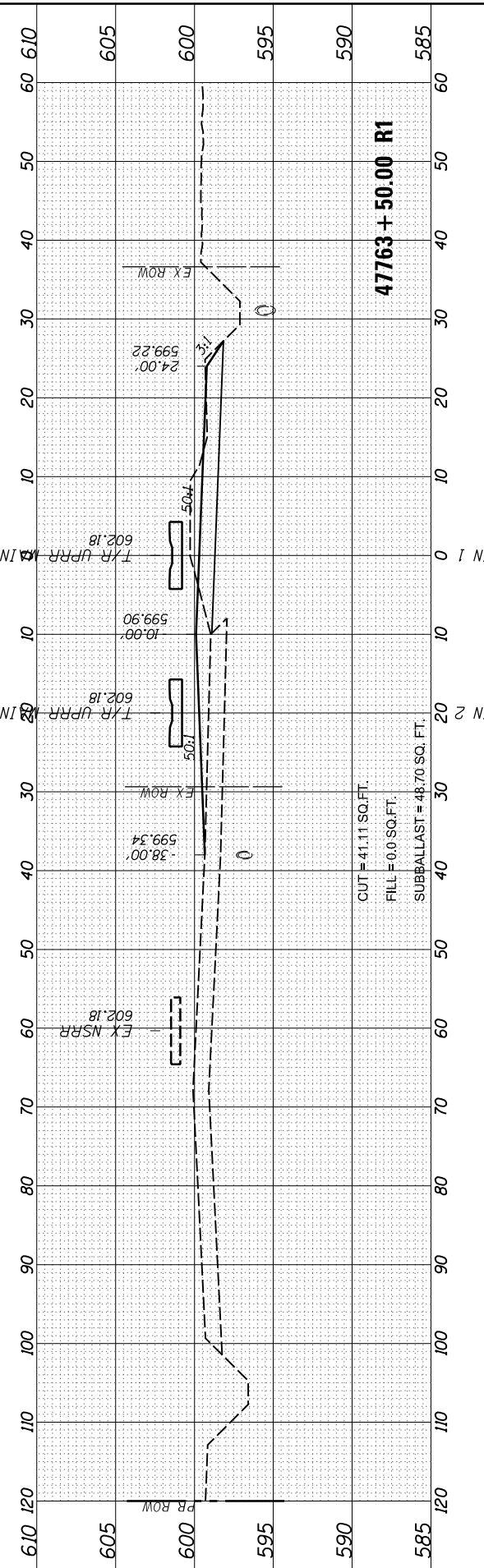
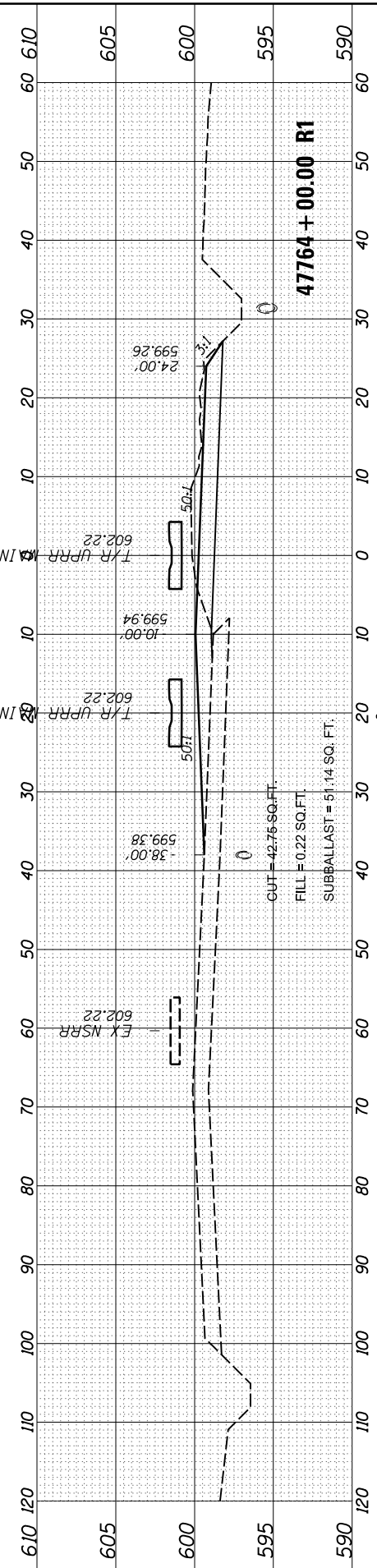
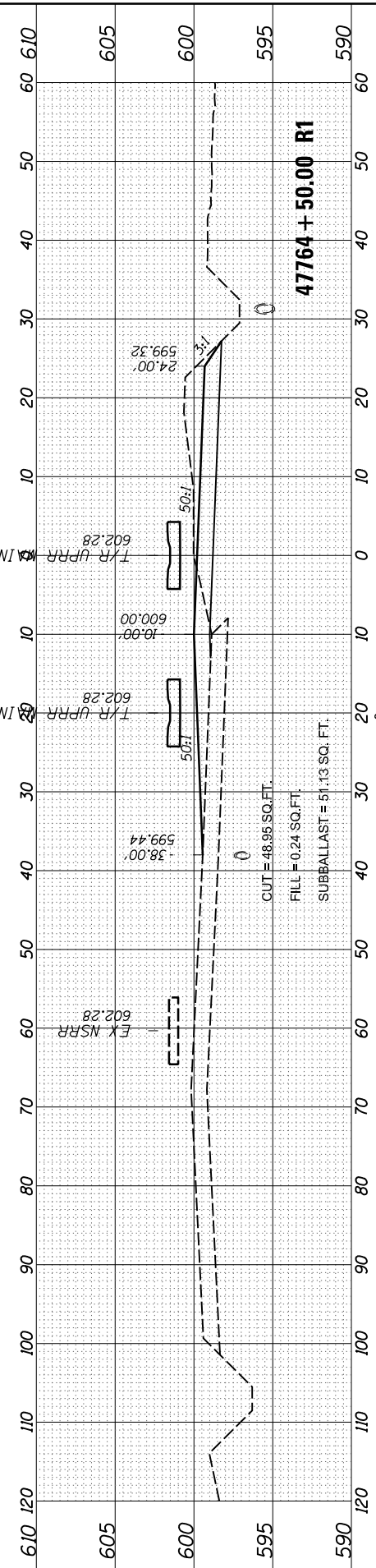
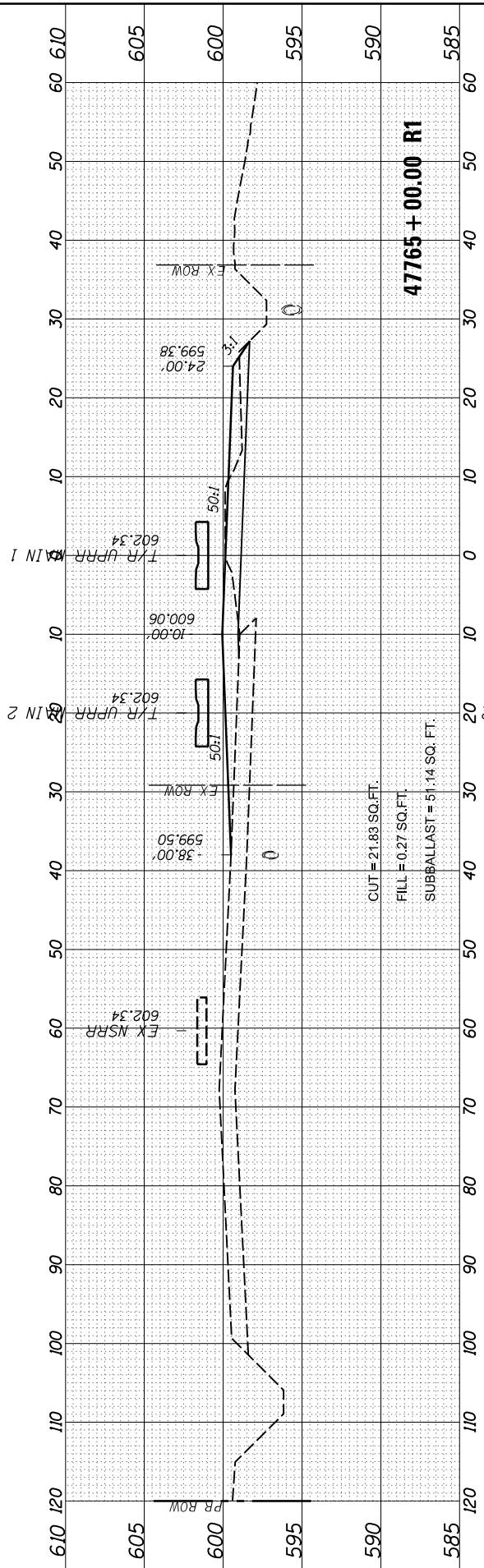
**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 4 - 14**

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 497
	09L0179B	CONTRACT NO. 93762		
SCALE: SHEET 14 OF 18 SHEETS STA. 47761+00.00 R1 TO STA. 47762+50.00 R1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

MODEL SHEET 15
 FILE NAME: \\va\trans\civ\sw\identif\com\hanso\p\p\41\Documents\09L0179B\Usable - Segments III - V - VIT\CAD\Rail\Usable - Segment III\Sheet\09L0179B-SFT-Sections-Stage4.dgn



USER NAME = Johns00944	DESIGNED - GCN	REVISIED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISIED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISIED -

DESIGNED - GCN	REVISIED -
DRAWN - RH	REVISIED -
CHECKED - GCN	REVISIED -
DATE - 11/1/2021	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - STAGE 4 - 15**

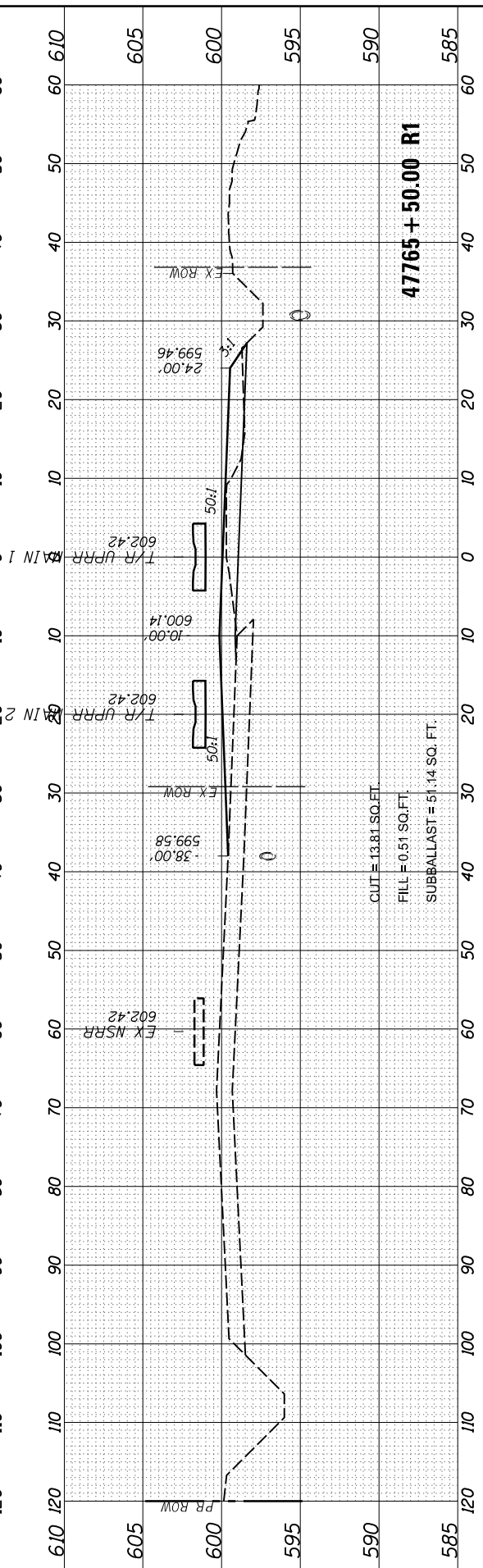
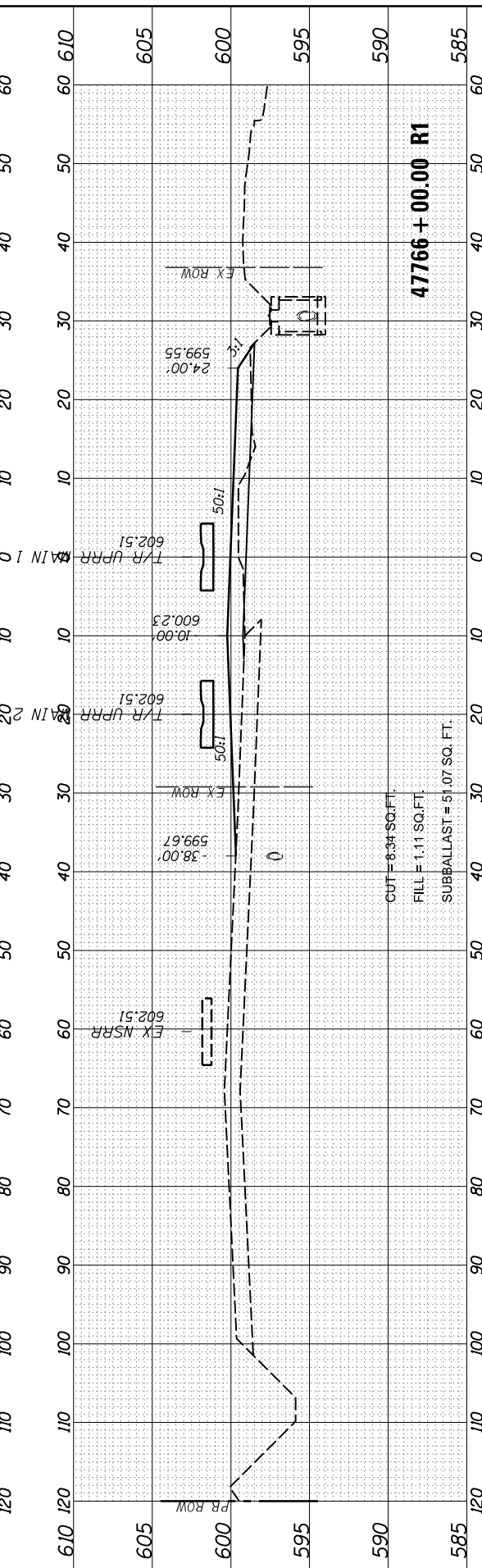
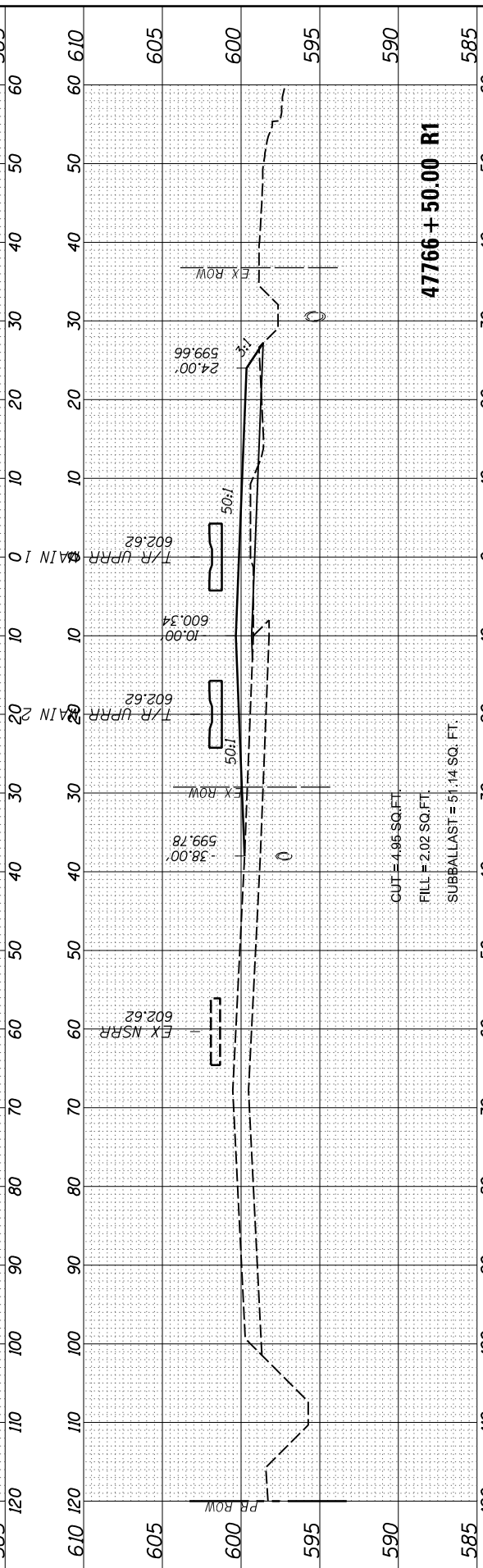
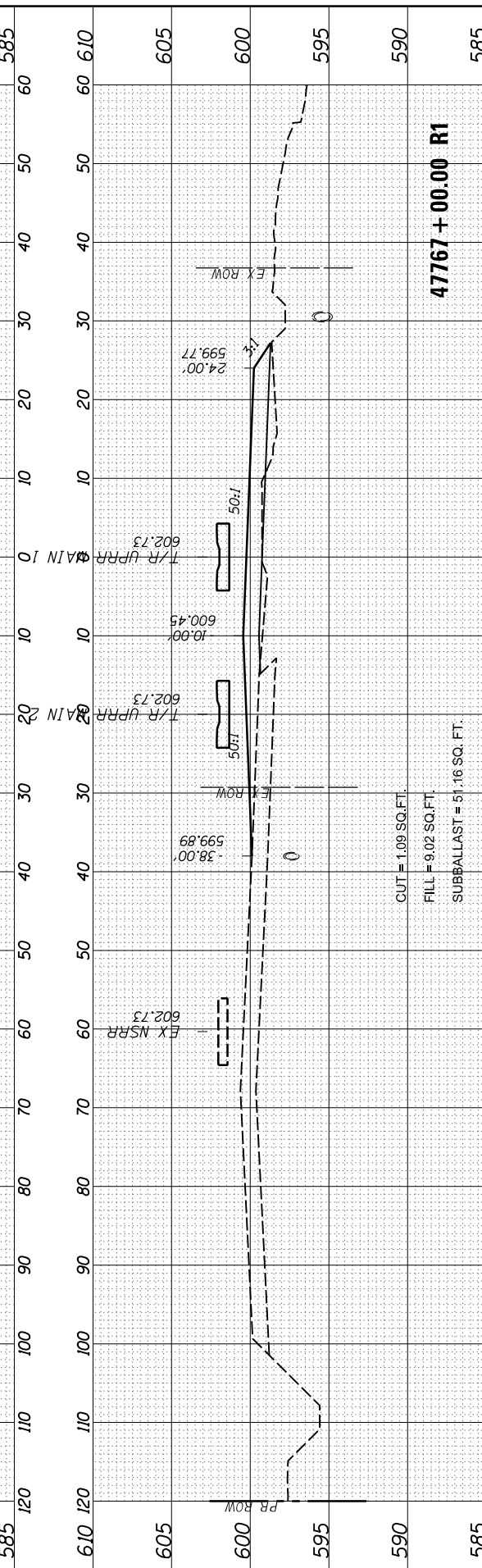
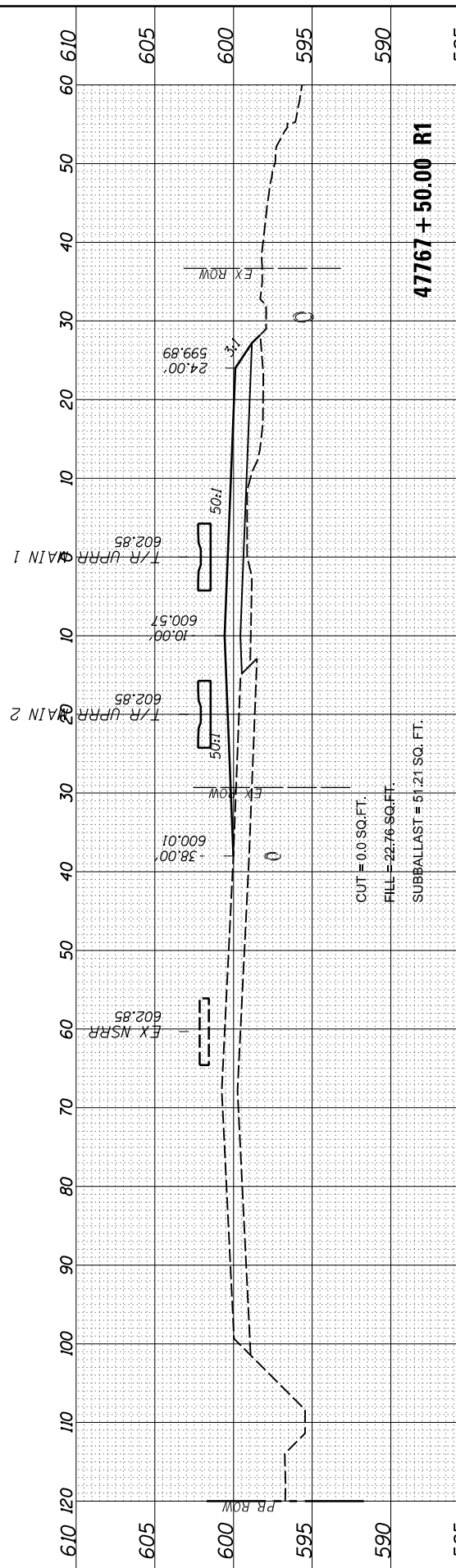
SCALE: SHEET 15 OF 18 SHEETS STA. 47763+00.00 R1 TO STA. 47765+00.00 R1

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 498
	09L0179B		CONTRACT NO. 93762	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: Sheet 16
 FILE NAME: p:\a\trans\civ\sw\identifx.com\shanso\p\p\41\Documents\09L0179B\Usable - Segments III - V - V\CAD\Rail\Usable - Segment III\Sheet0609.0179B-SFT-Sections-Stage4.dgn



USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - RH	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 4 - 16**

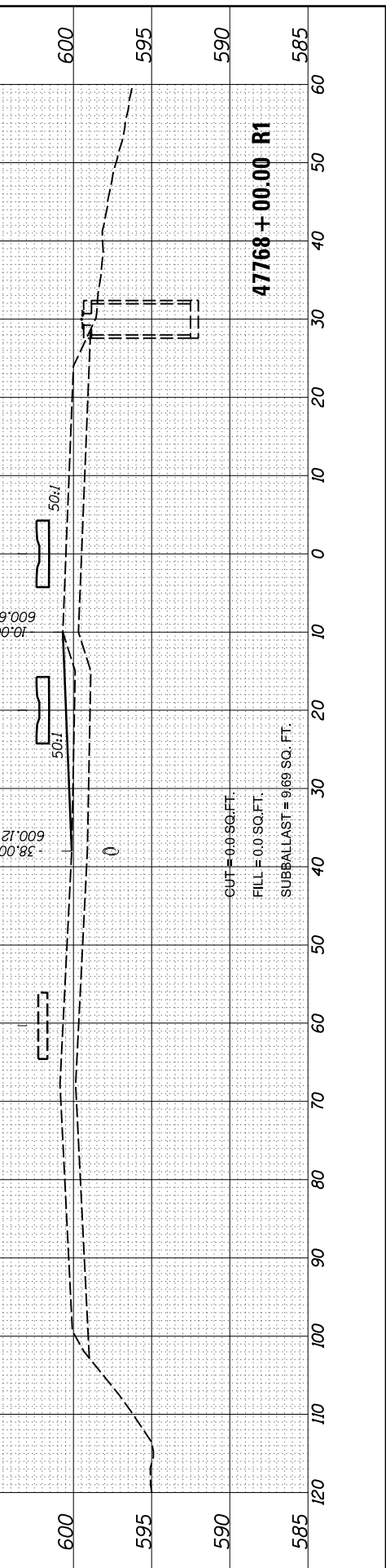
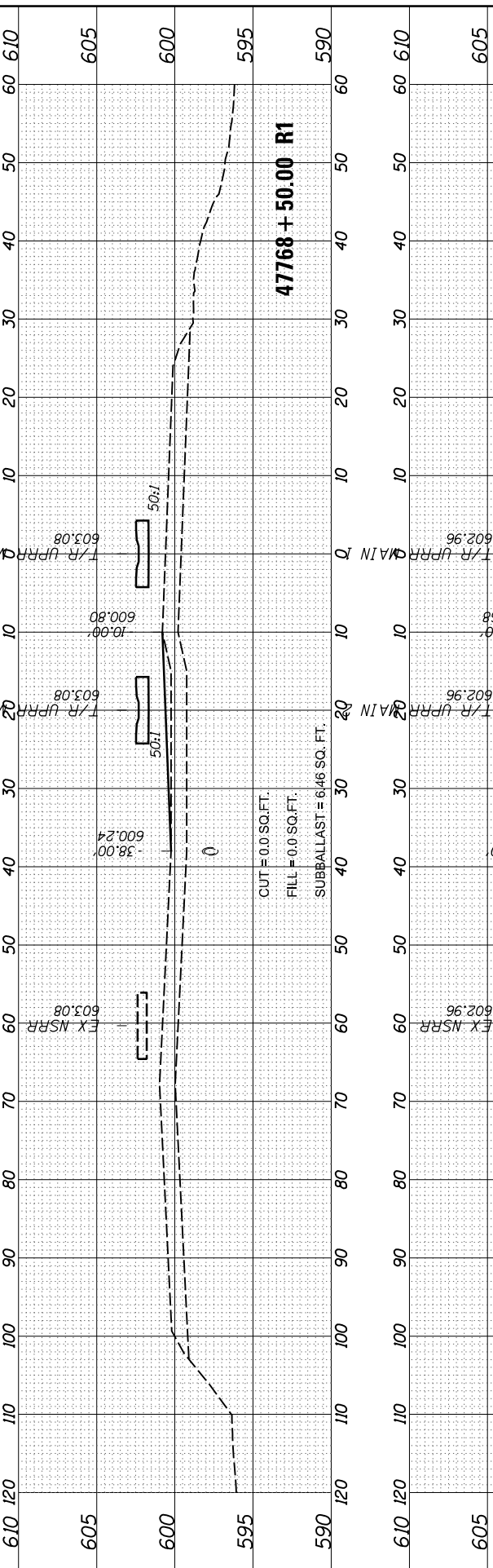
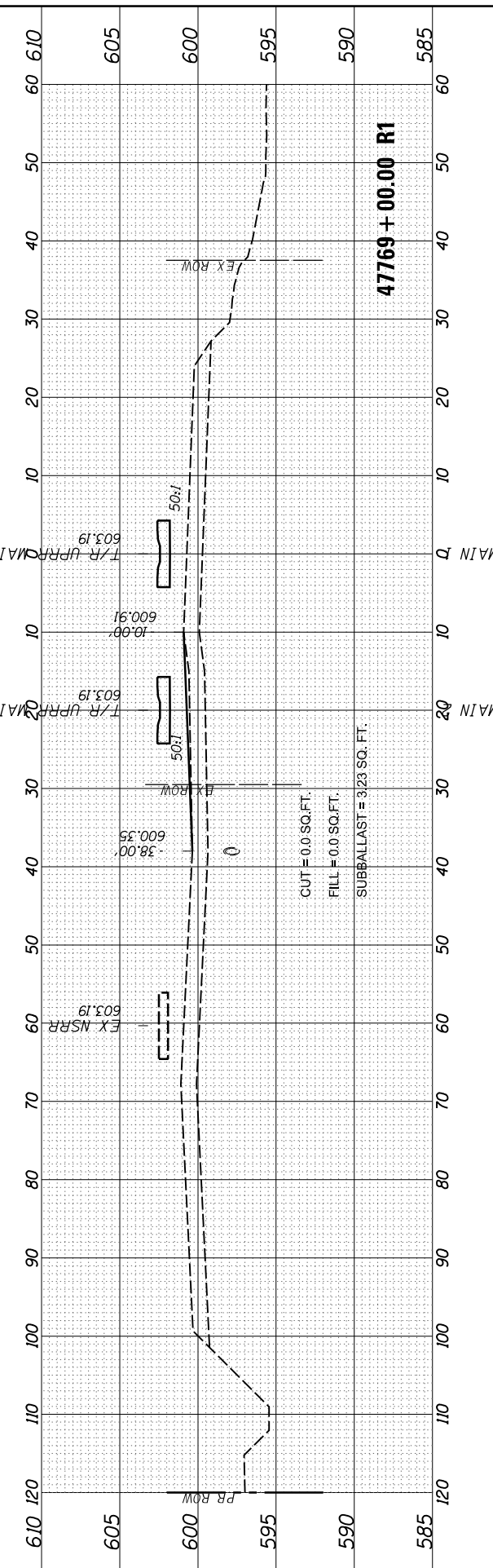
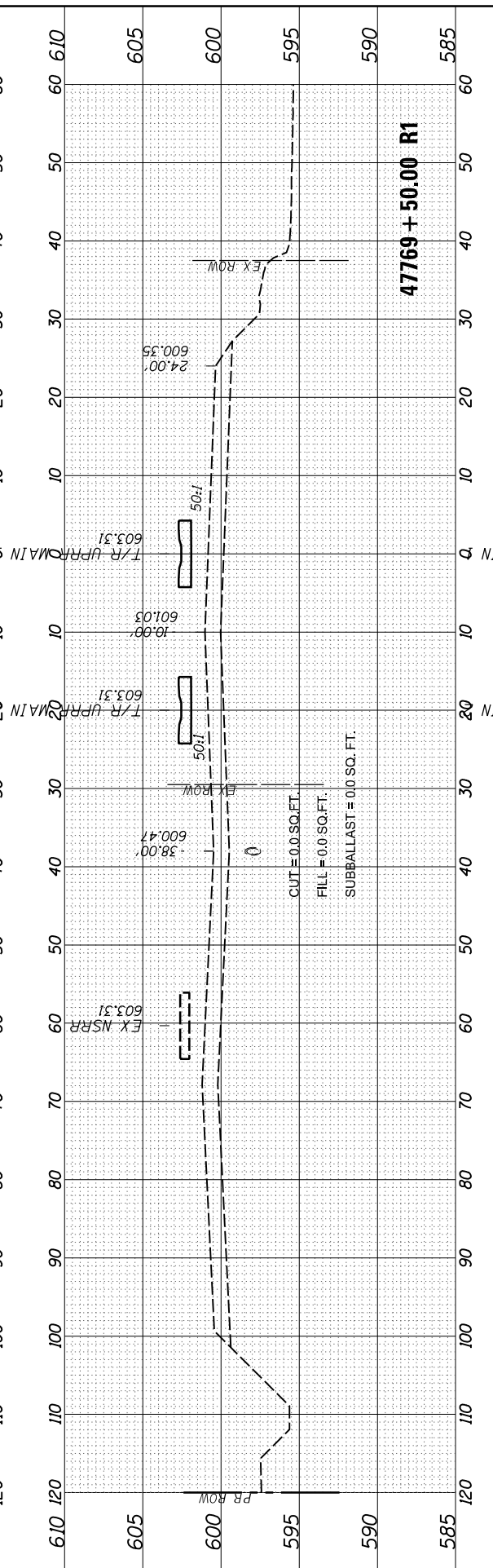
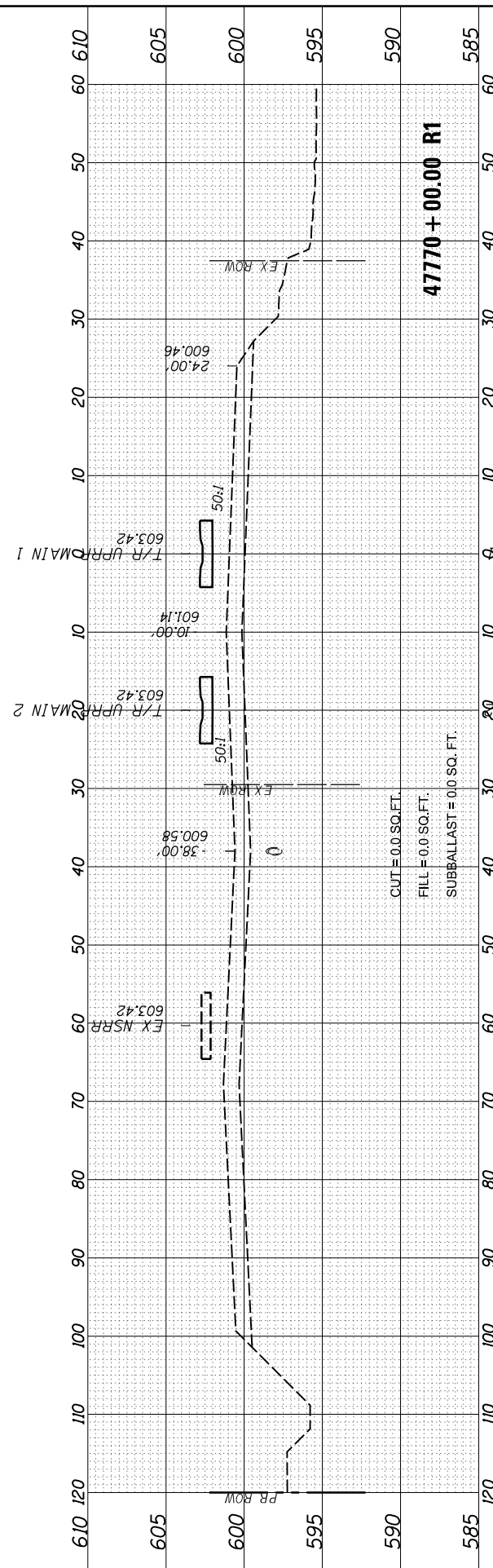
SCALE: SHEET 16 OF 18 SHEETS STA. 47765+50.00 R1 TO STA. 47767+50.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	499
	09L0179B			CONTRACT NO. 93762
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
NO.	AREAS CHECKED	

MODEL Sheet 17
 FILE NAME: j:\a\trans\trc\w\identif\com\shanso\p\p\41\Documents\09L0179B\Usable - Segments III - V - VIT\CAD\Rail\Usable - Segment III\Sheet\09L0179B-SFT-Sections-Stage4.dgn



USER NAME =	Johns00944
DESIGNED -	GCN
DRAWN -	RH
CHECKED -	GCN
DATE -	11/1/2021

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - STAGE 4 - 17**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	500
	09L0179B		CONTRACT NO.	93762

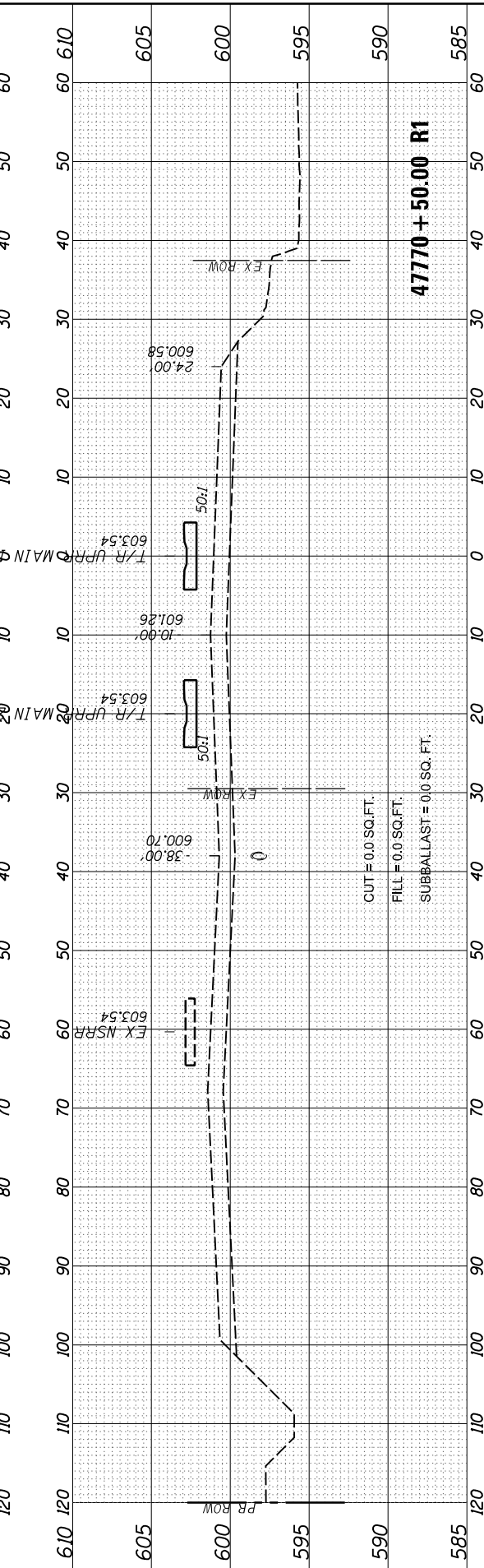
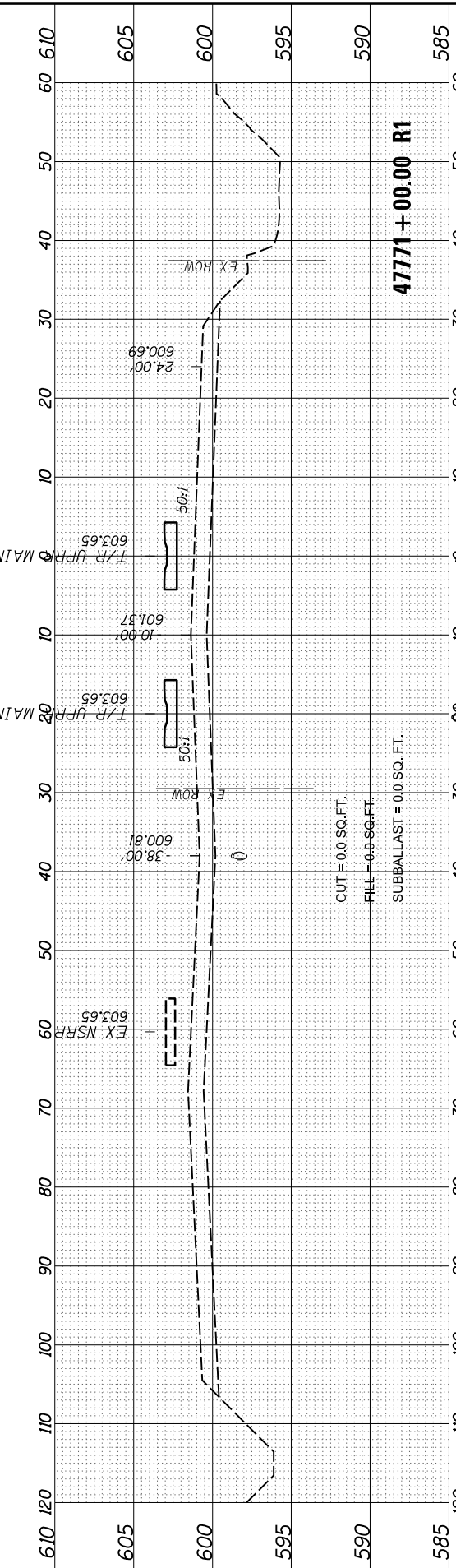
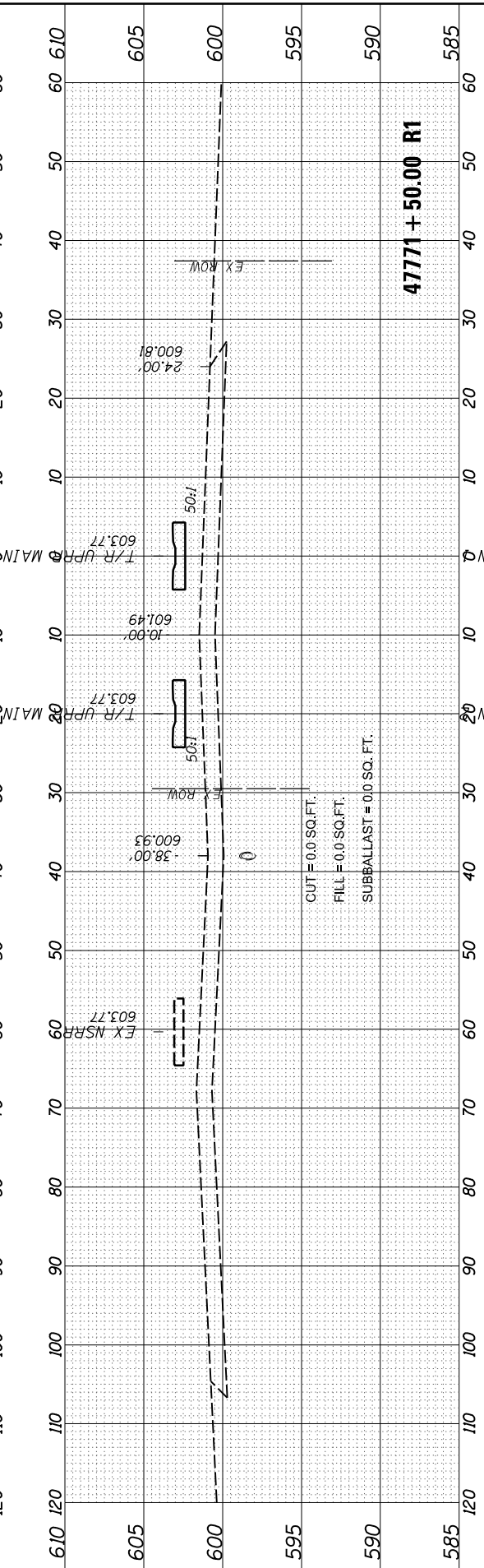
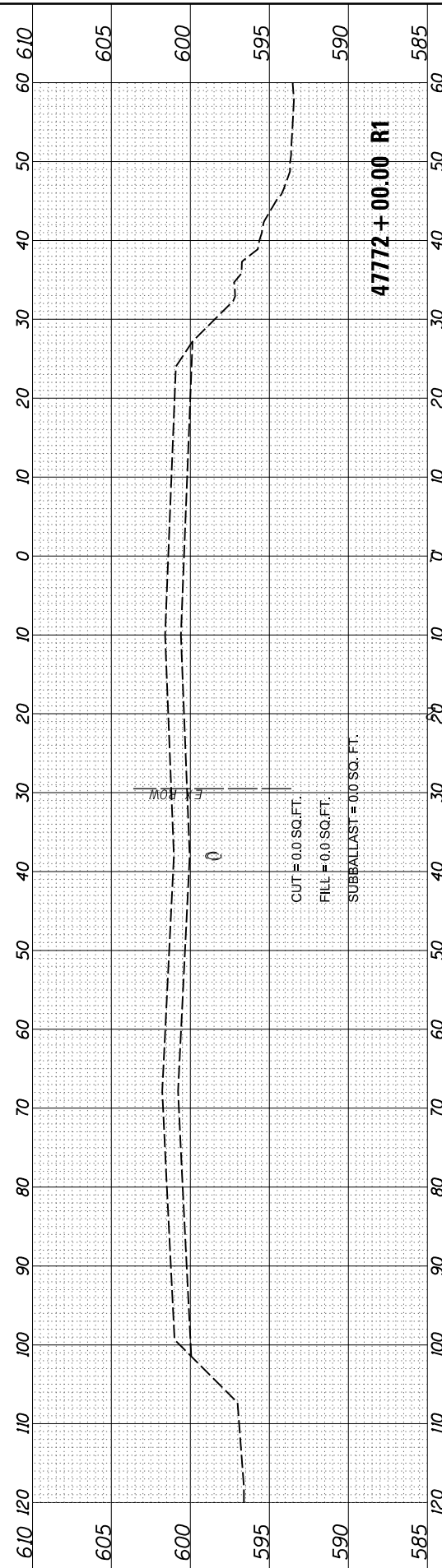
SCALE: SHEET 17 OF 18 SHEETS STA. 47768+00.00 R1 TO STA. 47770+00.00 R1

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

MODEL Sheet 18
 FILE NAME: \\va\trans\cnc\dw\shanso\p\41\Documents\09L0179B\Usable - Segments III - V - VITCAD\Rail\Usable - Segment III\SheetD609.0179B-SFT-Sections-Stage4.dgn



USER NAME = Johns00944	DESIGNED - GCN	REVISED -
PLOT SCALE = 20.00' / in.	DRAWN - RH	REVISED -
PLOT DATE = 11/2/2021	CHECKED - GCN	REVISED -
	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
 SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
 CROSS SECTIONS - STAGE 4 - 18**

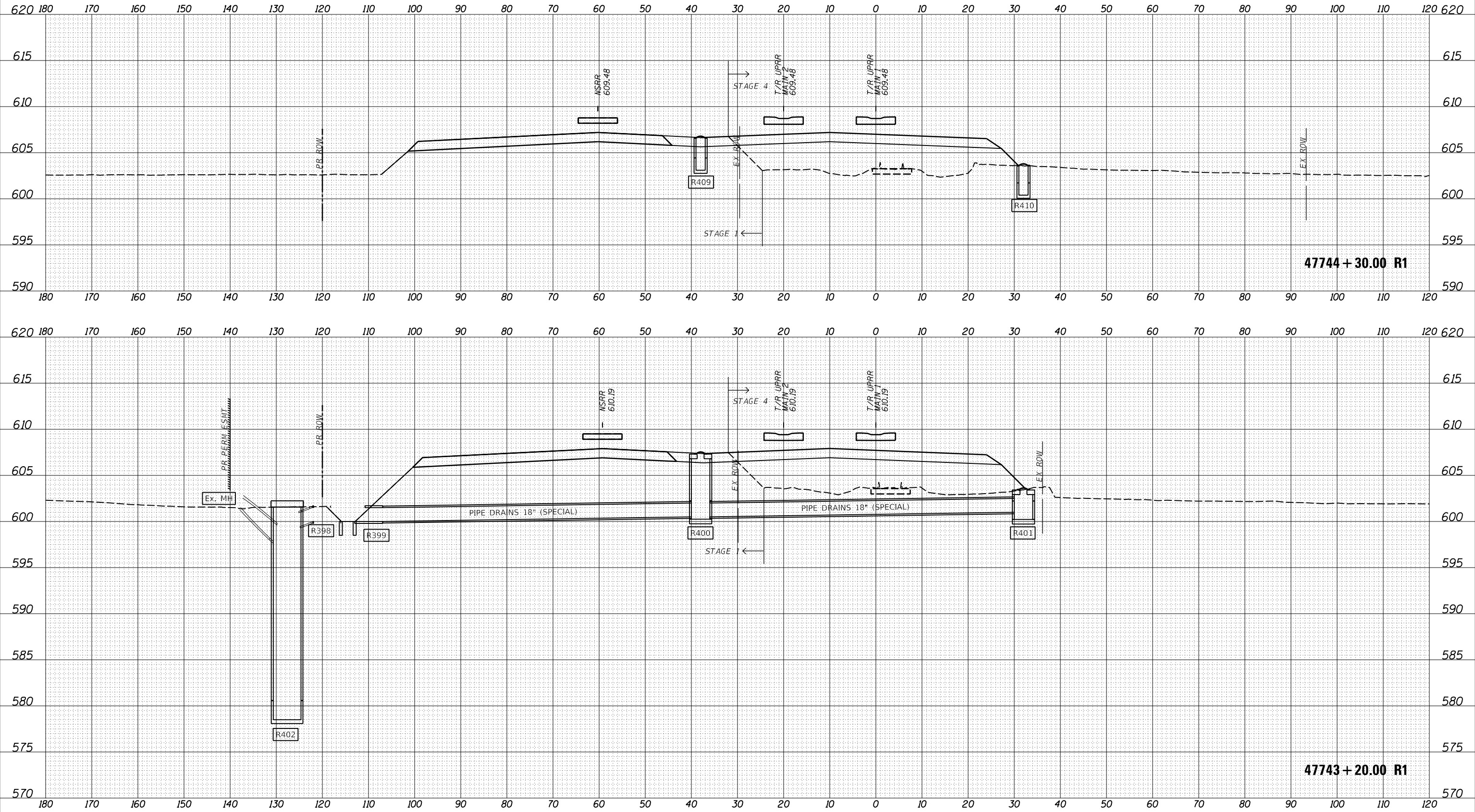
SCALE: SHEET 18 OF 18 SHEETS STA. 47770+50.00 R1 TO STA. 47772+00.00 R1

F.A. RTE. 67,67A	SECTION 20-00491-00-BR	COUNTY SANGAMON	TOTAL SHEETS 509	SHEET NO. 501
09L0179B		CONTRACT NO. 93762		
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINISH SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MODEL: Sheet 4
 FILE NAME: \\p01\share\proj\springfield\com\hanscom\proj\springfield\cross\09L0179B\Usable_Segments_III - V - V1\CAD\Rail\Usable_Segments_III_Sheet(D609.0179B-SHT-Sections-Drainage.dgn



USER NAME = Johns00944	DESIGNED - GCN	REVISED -
	DRAWN - DJP	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - GCN	REVISED -
PLOT DATE = 11/2/2021	DATE - 11/1/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPRINGFIELD RAIL IMPROVEMENTS PROJECT
SPRINGFIELD, SANGAMON COUNTY, ILLINOIS
CROSS SECTIONS - TRACK DRAINAGE - 4**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67,67A	20-00491-00-BR	SANGAMON	509	505
	09L0179B		CONTRACT NO.	93762

SCALE: SHEET 4 OF 8 SHEETS STA. 47743+20.00 R1 TO STA. 47744+30.00 R1

ILLINOIS FED. AID PROJECT

