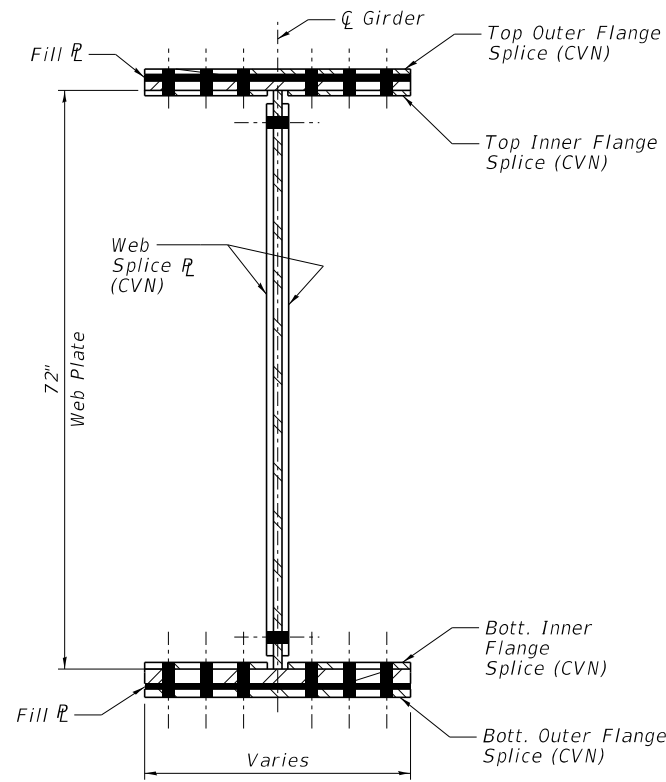


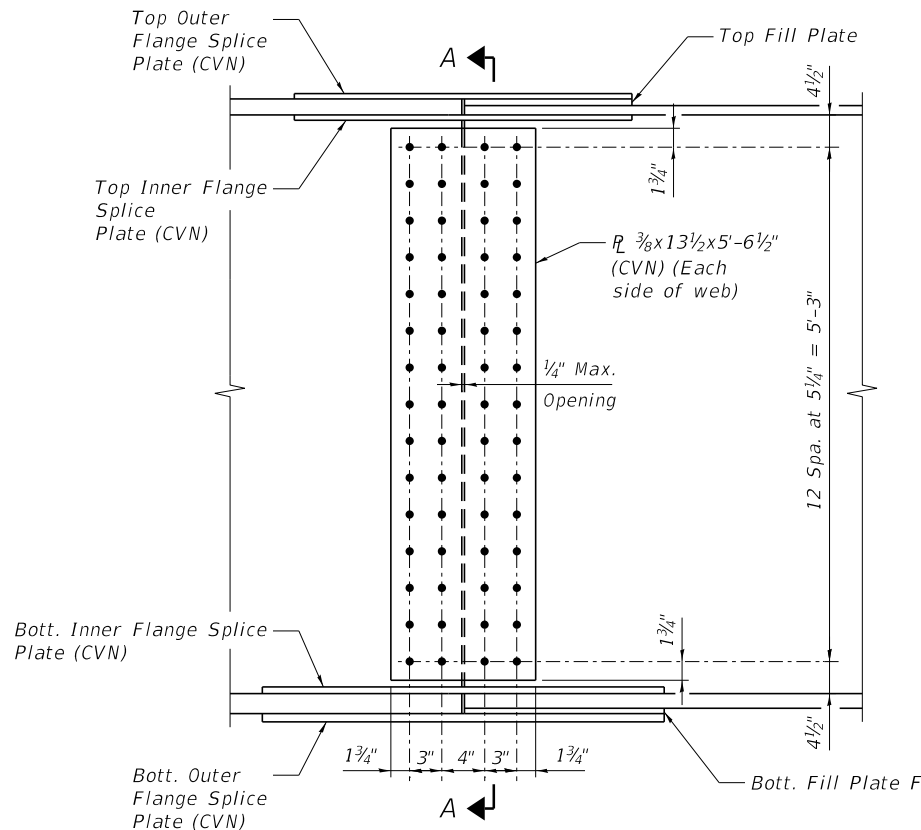
FIELD SPLICE 1 & 2 BOLT LAYOUT

FIELD SPLICE 1 & 2

Splice Location	A	# Bolts	Outer Splice Plate	Inner Splice Plate	Fill Plate
Field Splice 1 & 2 Top Flange	4 Spa. at 2" = 0'-8"	32	$P \frac{1}{2} \times 18 \times 1'-11 \frac{1}{2}"$	$P \frac{1}{2} \times 8 \frac{1}{8} \times 1'-11 \frac{1}{2}"$	$P \frac{3}{8} \times 18 \times 11 \frac{5}{8}"$
Field Splice 1 Bott. Flange	8 Spa. at 2" = 1'-4"	56	$P \frac{7}{8} \times 18 \times 3'-3 \frac{1}{2}"$	$P \frac{7}{8} \times 8 \frac{1}{8} \times 3'-3 \frac{1}{2}"$	$P \frac{3}{8} \times 18 \times 1'-7 \frac{5}{8}"$
Field Splice 2 Bott. Flange	6 Spa. at 2" = 1'-0"	44	$P \frac{5}{8} \times 18 \times 2'-7 \frac{1}{2}"$	$P \frac{5}{8} \times 8 \frac{1}{8} \times 2'-7 \frac{1}{2}"$	$P 1 \frac{1}{8} \times 18 \times 1'-3 \frac{5}{8}"$



SECTION A-A



ELEVATION

NOTES:

1. All structural splice plates steel shall be AASHTO M270 Grade 50 steel
2. "CVN" denotes Charpy-V-Notch impact energy requirements, zone 2.
3. All splice bolts shall be ASTM A325 F3125 Grade Type 1, mechanically galvanized bolts in metalized areas. Bolts $\frac{7}{8}"$ \odot open holes $1 \frac{5}{16}"$ \odot .

MODEL: D:\p\aut1
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USER NAME	- ksnyder
DESIGNED	- EAO
CHECKED	- DTS
PLOT SCALE	-
DATE	09/18/2020

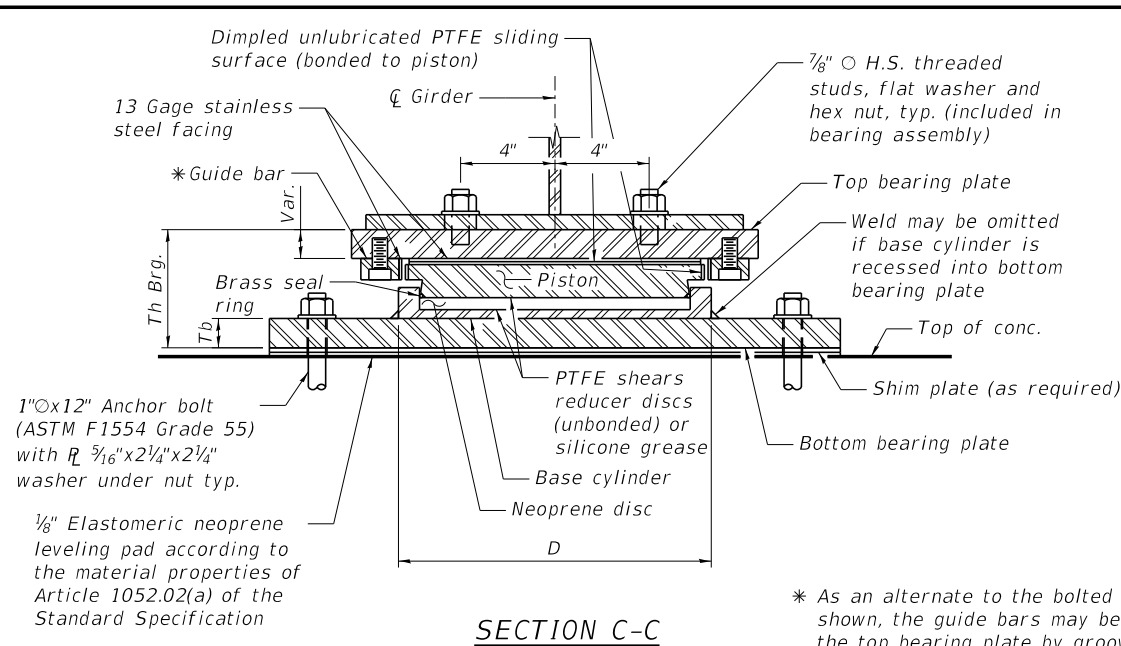
DESIGNED	- EAO	REVISED	-
CHECKED	- DTS	REVISED	-
DRAWN	- AJB	REVISED	-
CHECKED	- DTS	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPLICE DETAILS
STRUCTURE NO. 099-4666

SHEET S22 OF S42 SHEETS

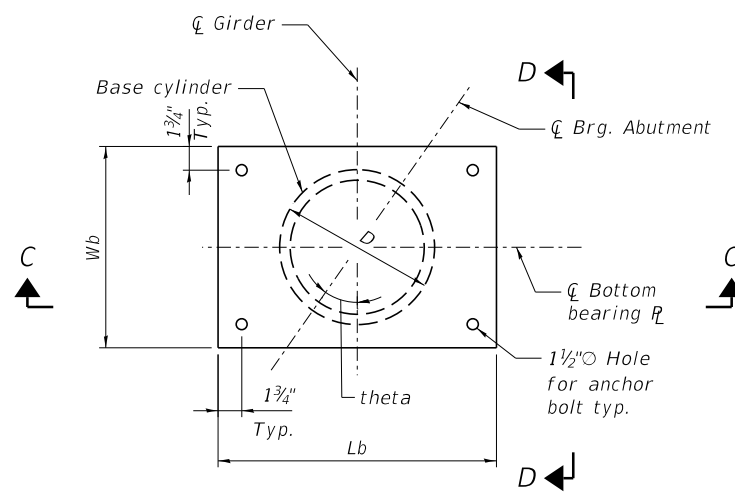
F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2020-192-B	WILL	299	201
CONTRACT NO. 62M63				
* FAI 55, FAP 338		ILLINOIS	FED. AID PROJECT	



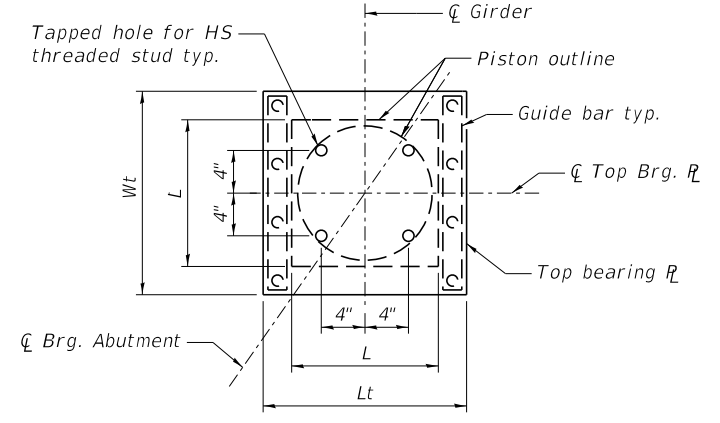
1"Øx12" Anchor bolt (ASTM F1554 Grade 55) with R 5/16"x2 1/4"x2 1/4" washer under nut typ.

1/8" Elastomeric neoprene leveling pad according to the material properties of Article 1052.02(a) of the Standard Specification

SECTION C-C



BOTTOM BEARING PLATE AND BASE CYLINDER PLAN

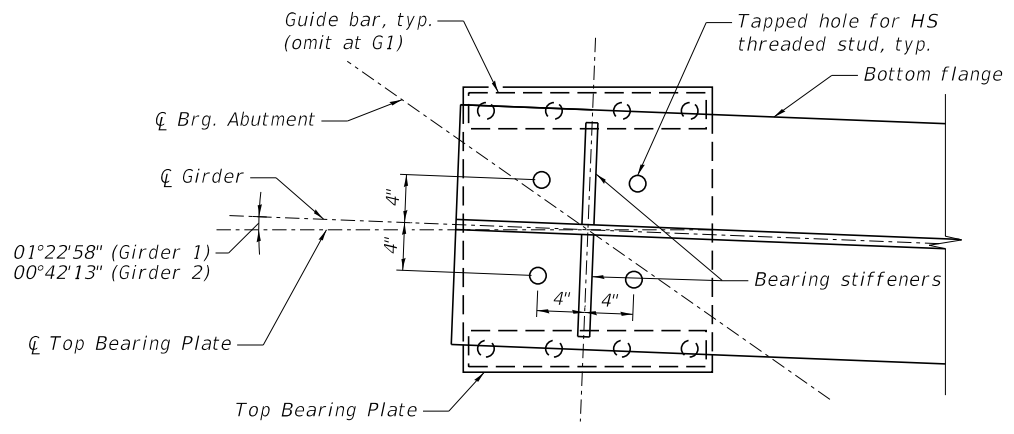


TOP BEARING PLATE AND PISTON PLAN

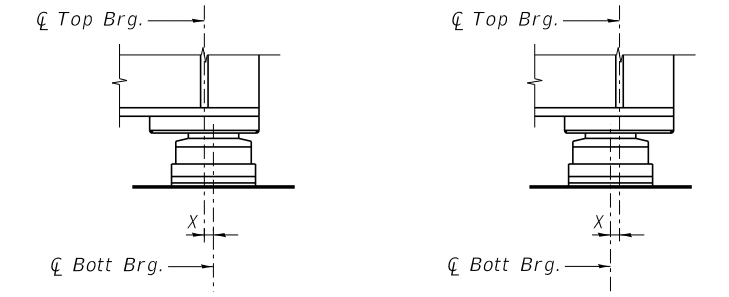
* As an alternate to the bolted connection shown, the guide bars may be connected to the top bearing plate by groove welds or the guide bars and top bearing plate may be fabricated as a single piece. Guide bars shall be omitted from G1 and G7 at east and west abutments.

WEST ABUTMENT BEARING SHIM PLATE HEIGHTS

Girder	Height
2	1/4"
3	1/2"
4	5/8"
6	1/4"
7	3/8"



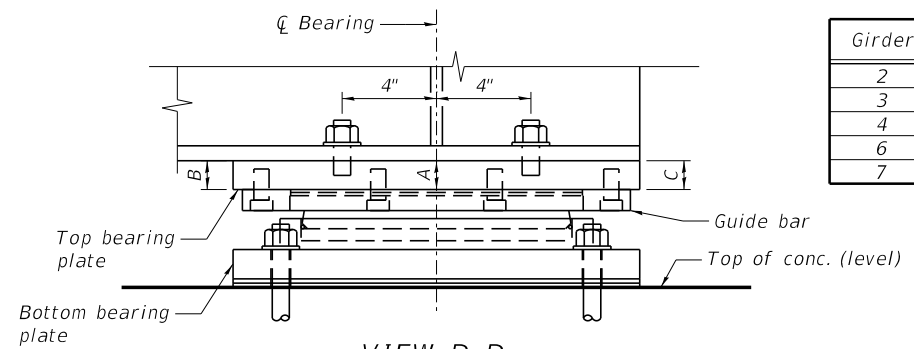
TOP BEARING PLATE ALIGNMENT PLAN (G1 and G2 at West and East Abutment)



BELOW 50°F
(Ø top brg. shifted towards fixed bearing)

ABOVE 50°F
(Ø top brg. shifted away from fixed bearing)

SETTING ANCHOR BOLTS AT EXP. BRG.
X = 1/8" per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.



VIEW D-D
(East Abutment - Looking North;
West Abutment - Looking South)

BOTTOM BEARING PLATE ALIGNMENT

Location	theta
Girder 1 - W. & E. Abut. Brg.	33°37'12"
Girder 2 - W. & E. Abut. Brg.	34°17'57"
Girder 3 to 7 - W. & E. Abut. Brg.	35°00'10"

BEARING DIMENSIONS

Location	Pay Item Designation (kips)	Vert. Design Load ** (kips)	Hu, Horiz. Design Load Δ (kips)	θu, Req'd Rotation Range*** (radians)	Max. Theor. Thermal Mvmt**** from 50 °F	Top Plate			Bearing Assembly		Bottom Plate			Total Ht.		
						Wt	Lt	"A" R Thickness @ Ø Brg.	"B" R Thickness @ int. edge	"C" R Thickness @ End of Girder	L	D	Wb		Lb	Tb
East Abut.	300	288	58	0.02	1 1/16"	1'-8"	1'-9"	2 1/4"	2 5/8"	1 7/8"	1'-2"	1'-2"	2'-0"	2'-6"	1 1/2"	9 3/16"
West Abut.	350	341	68	0.02	1 3/16"	1'-8"	1'-9"	2"	N/A	N/A	1'-3"	1'-3"	2'-0"	2'-6"	1 5/8"	9 1/2"

** Vertical design Loads are the governing service loads with no dynamic load allowance.
 *** Rotation allowances for fabrication tolerances (0.005 radians), installation uncertainties (0.005 radians) are excluded.
 **** Total required movement is based on one way expansion (or contraction) of the superstructure parallel to Ø when bearings are set at 50°F. Bearing movement tolerances are excluded.
 Δ Horizontal design loads are the larger of the factored ultimate design lateral load or 20% of the service load with no dynamic allowance.

BILL OF MATERIAL

Item	Unit	Total
High Load Multi-Rotational Bearings, Guided Expansion, 300K	Ea.	7
High Load Multi-Rotational Bearings, Guided Expansion, 350K	Ea.	7
Anchor Bolts, 1"	Ea.	56

NOTE:

- All steel for bearings shall conform to the requirements of AASHTO M270 Grade 50, unless otherwise noted.
- Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554. Anchor bolts may be either cast in place or installed in holes drilled after the supported member is in place. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
- Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.
- Threaded studs, elastomeric materials, PTFE and stainless steel materials shall conform to AASHTO requirements and the Special Provision for High Load Multi-Rotational bearings.
- Anchor bolts shall be hot-dipped galvanized in accordance with Article 1006.09 of the Standard Specifications.
- Total bearing height (Th) is estimated based on manufacturer data. Actual bearing height may differ from contract plans. The contractor shall be responsible verifying bearing heights and adjusting seat elevations, if required, prior to placing pier or abutment concrete subject to approval of the Engineer. Modifications to the Wt dimension for bearings at abutments or piers shall take into account the location of the backwall or pier step and required expansion length if exceeding the end of the girder.

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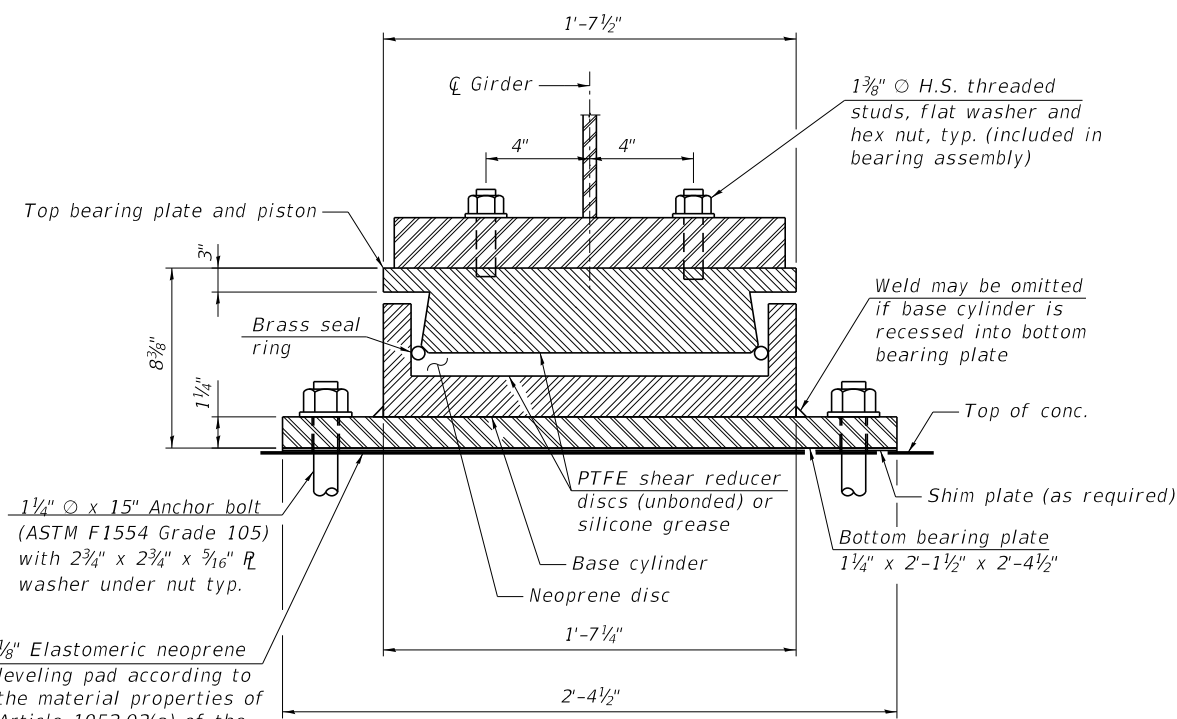
USER NAME - ksnyder	DESIGNED - EAO	REVISED -
	CHECKED - MFH	REVISED -
PLOT SCALE -	DRAWN - AJB	REVISED -
DATE 09/18/2020	CHECKED - MFH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

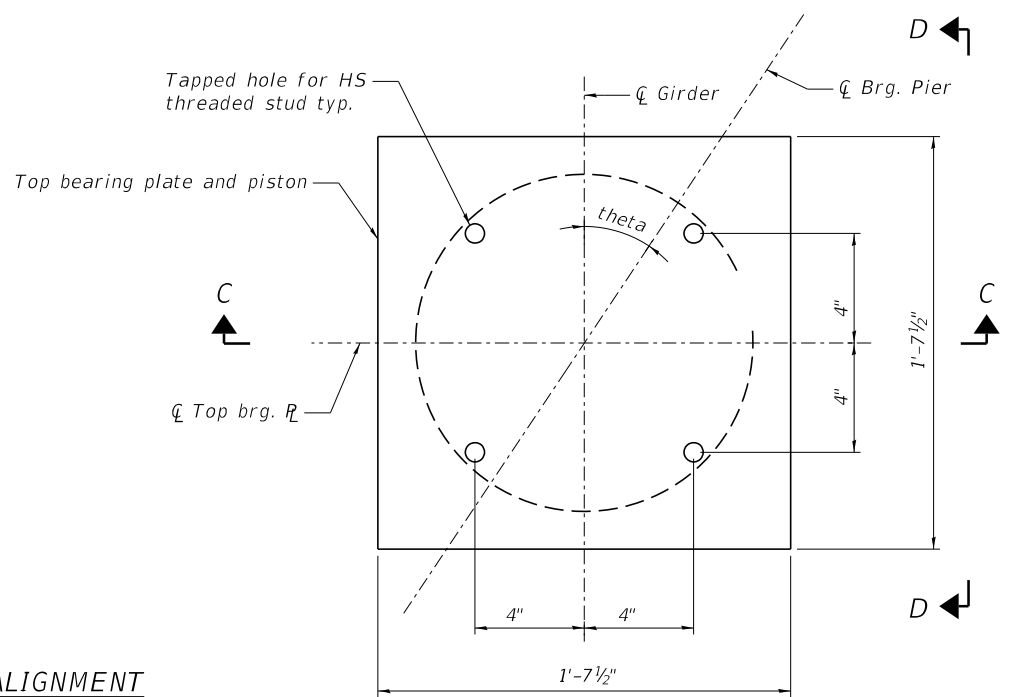
HLMR GUIDED BEARING DETAILS
STRUCTURE NO. 099-4666

SHEET S23 OF S42 SHEETS

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2020-192-B	WILL	299	202
CONTRACT NO. 62M63				
FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



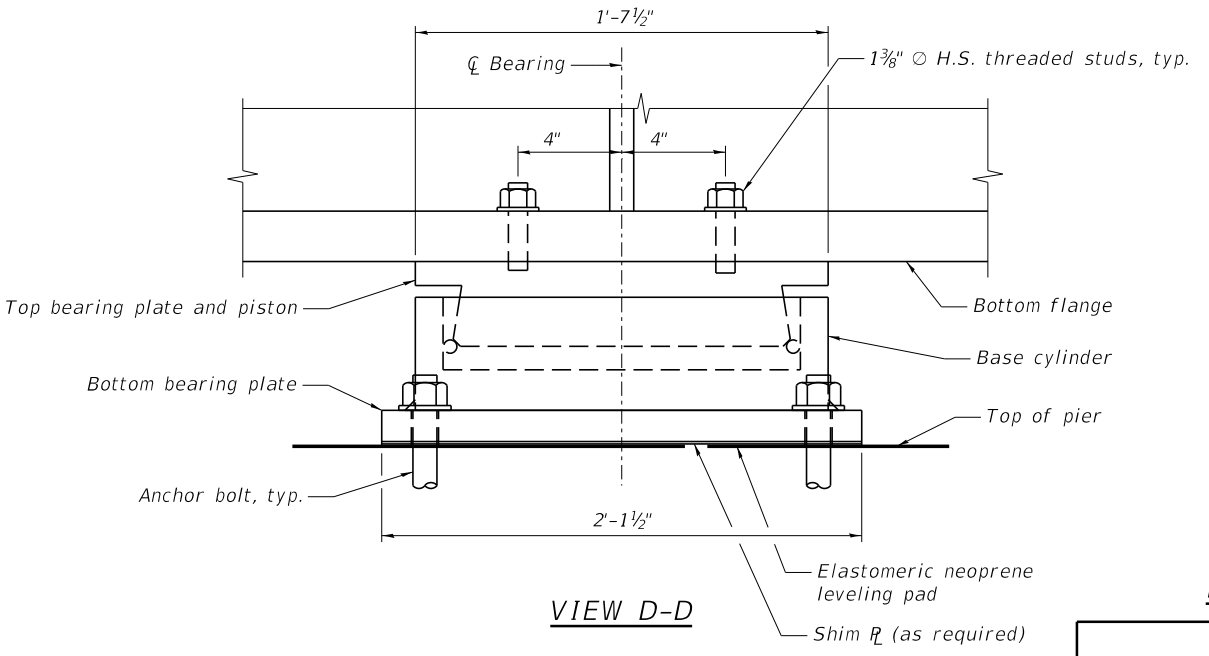
SECTION C-C



TOP BEARING PLATE AND PISTON PLAN

BOTT. & TOP BEARING PLATE ALIGNMENT

Location	theta
Girder 1 Over Pier	33°37'12"
Girder 2 Over Pier	34°17'57"
Girder 3 to 7 Over Pier	35°00'10"



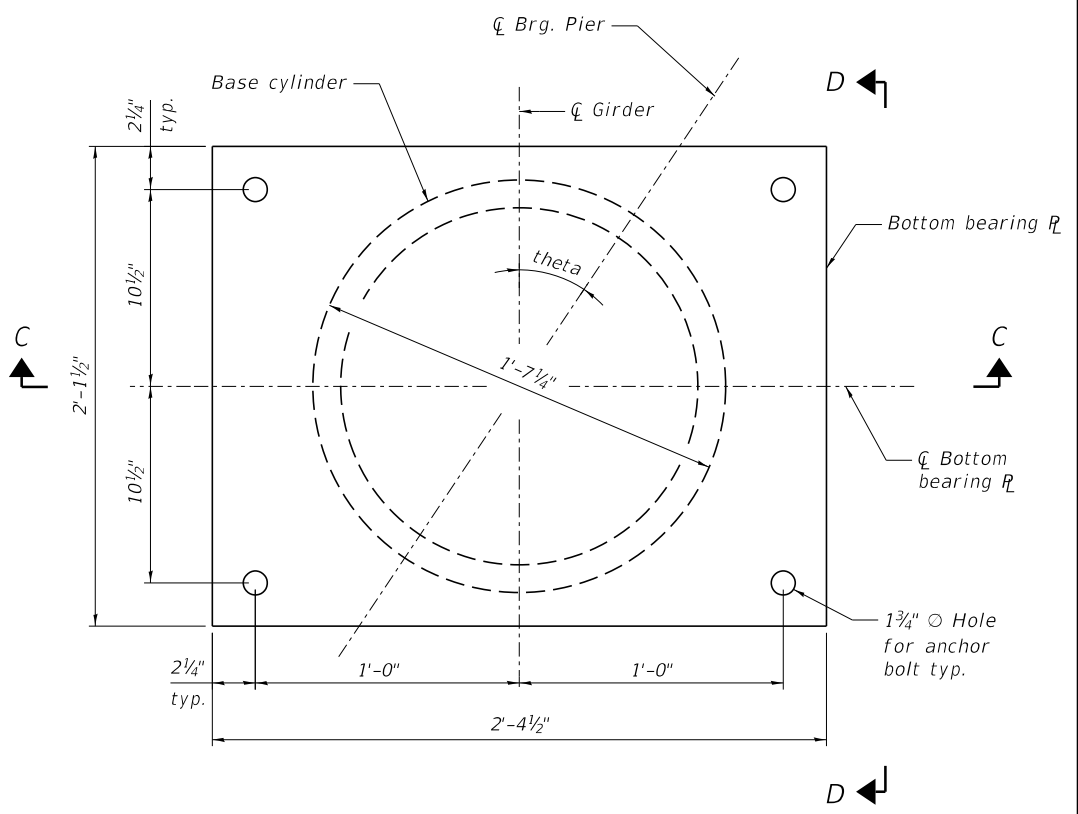
VIEW D-D

BILL OF MATERIAL

ITEM	UNIT	TOTAL
High Load Multi-Rotational Bearings, Fixed - 600K	Ea.	7
Anchor Bolts, 1 1/4"	Ea.	28

BEARING DATA

Location	Pay Item Designation (kips)	Vert. Design Load* (kips)	Hu - Horiz. Design Load*** (kips)	θu - Req'd Rotation Range** (radians)
Pier	600	600	156	0.02



BOTTOM BEARING PLATE AND BASE CYLINDER PLAN

NOTE:
Refer to sheet S-23 for additional notes.

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USER NAME	ksnlr	DESIGNED	EAO	REVISED	-
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DATE	09/18/2020	DRAWN	AJB	REVISED	-
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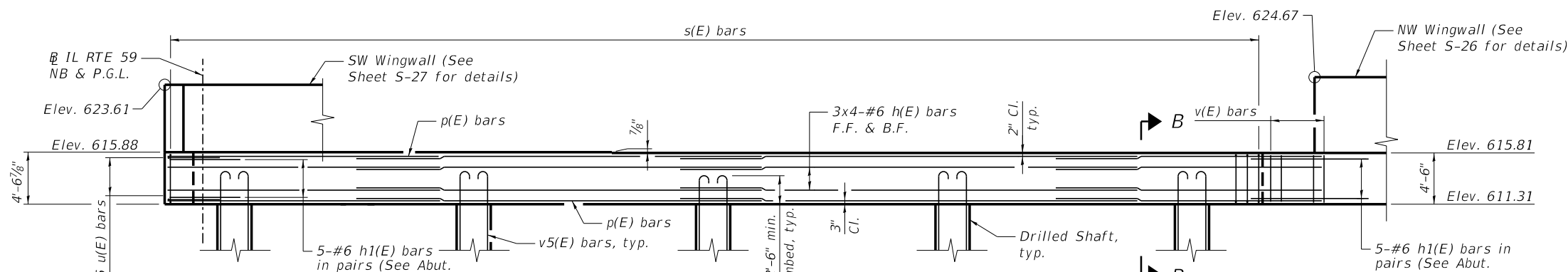
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HLMR FIXED BEARING DETAILS
STRUCTURE NO. 099-4666

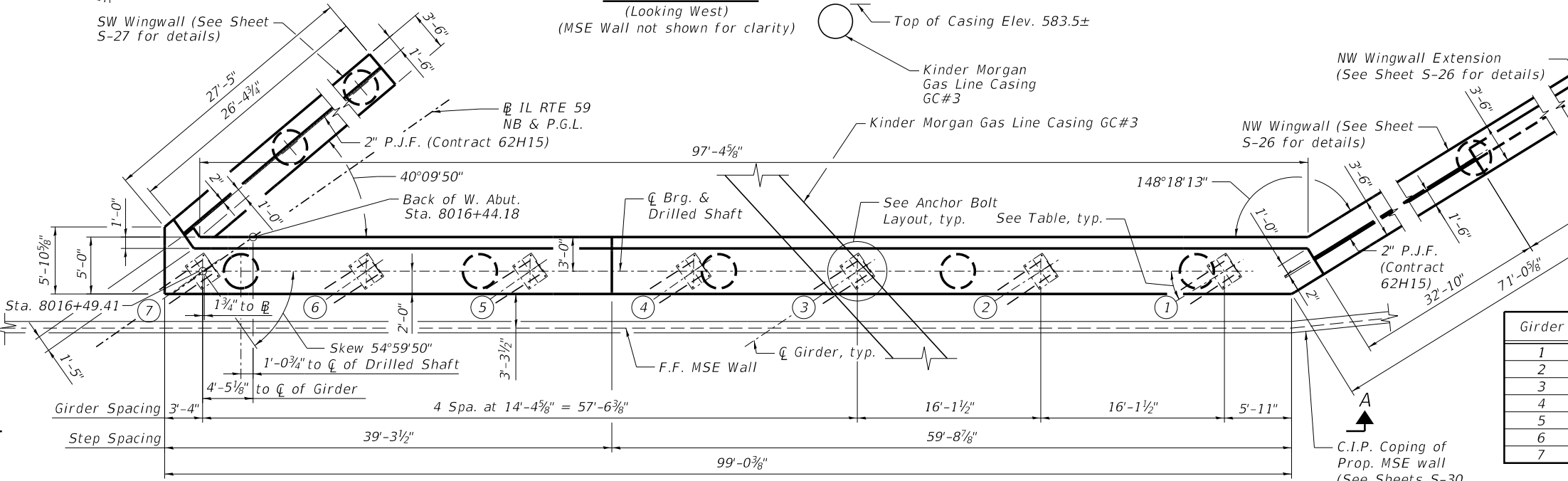
SHEET S24 OF S42 SHEETS

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CONTRACT NO. 62M63				

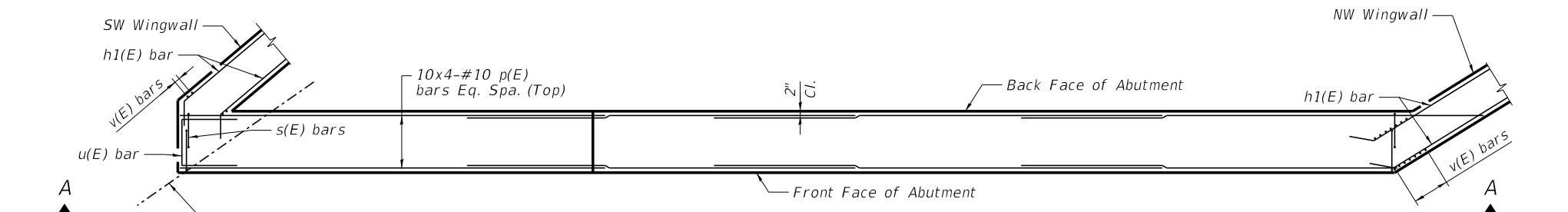
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT



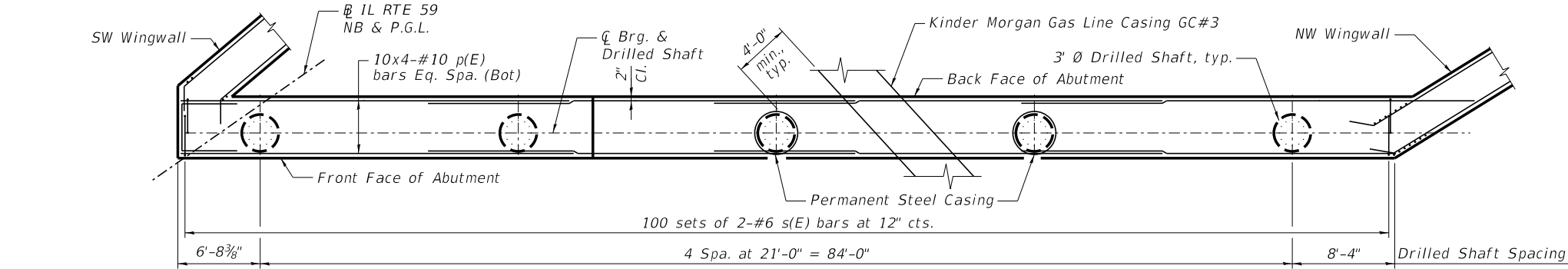
ELEVATION A-A
(Looking West)



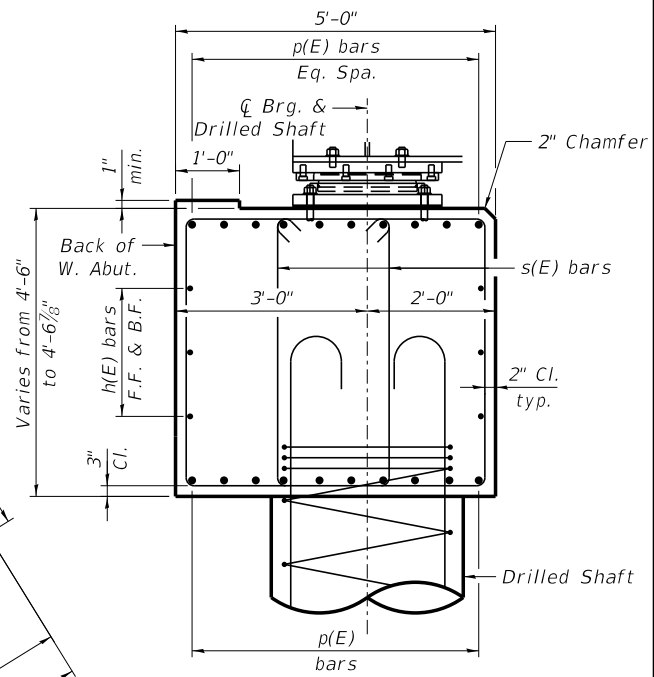
PLAN - WEST ABUTMENT



PLAN - TOP MAIN REINFORCING



PLAN - BOTTOM MAIN REINFORCING

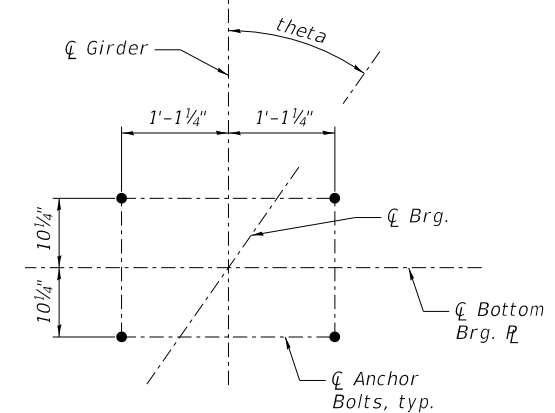


SECTION B-B

Girder	theta
1	33° 37' 12"
2	34° 17' 57"
3	35° 00' 10"
4	35° 00' 10"
5	35° 00' 10"
6	35° 00' 10"
7	35° 00' 10"

BEARING SHIM PLATE HEIGHTS

Girder	Height
2	1/4"
3	1/2"
4	5/8"
6	1/4"
7	3/8"



ANCHOR BOLT LAYOUT

NOTES:

- Space reinforcement in cap to miss anchor bolts and vertical drilled shaft bars.
- Pour steps monolithically with cap.
- Slope abutment seats 1/4" between bearings.
- For details of drilled shafts, see Sheet S-35.
- See Foundation Layout Plan on Sheet S-04 for locations of drilled shafts.
- Min. lap for #6 bars is 4'-4". Min. lap for #10 bars is 11'-6".
- Bars indicated thus m x n -#6 etc., indicates m lines of bars with n lengths per line.

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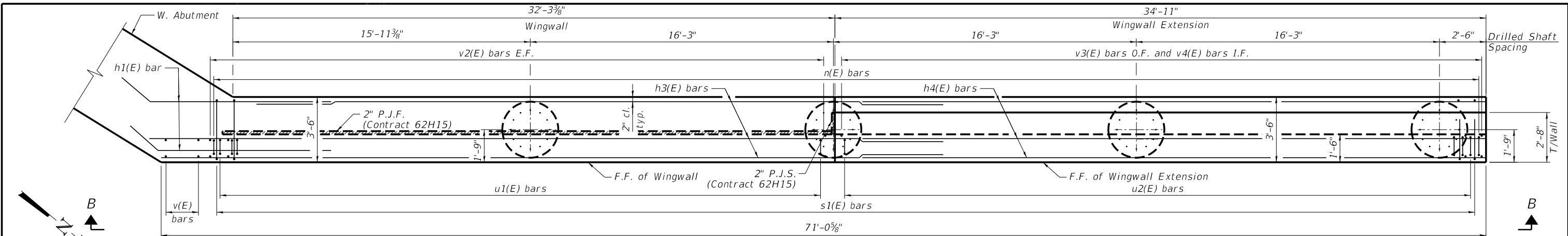
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CHECKED	- JLS	CHECKED	- JLS	REVISED	-
PLOT SCALE	-	DRAWN	- RMG	REVISED	-
DATE	10/05/2020	CHECKED	- JLS	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

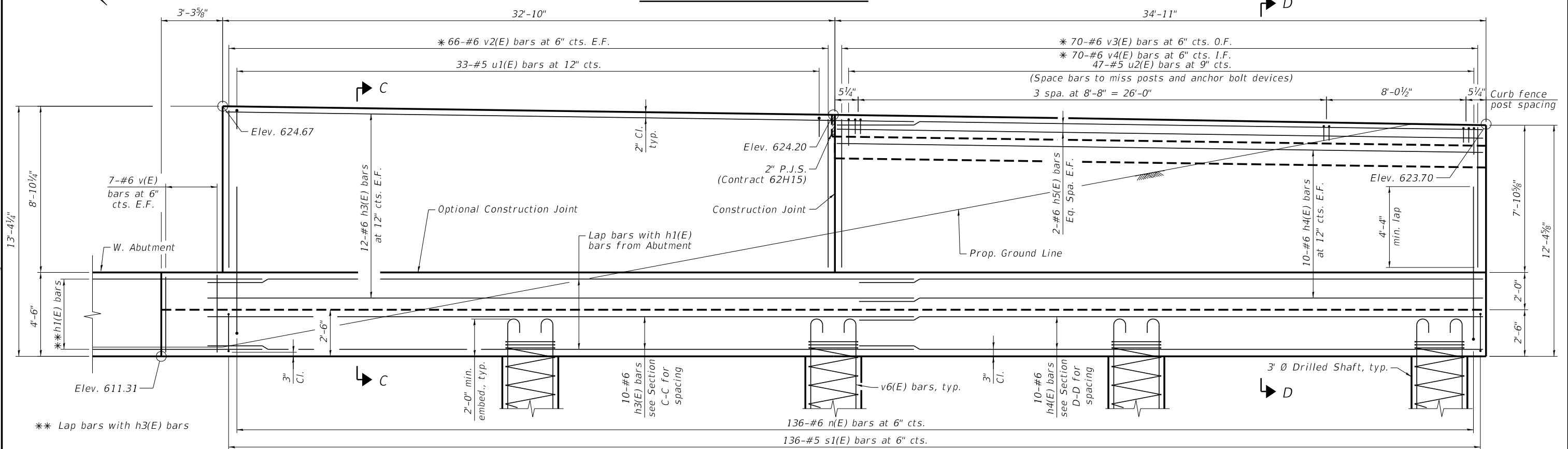
**WEST ABUTMENT PLAN AND ELEVATION
STRUCTURE NO. 099-4666**

SHEET S25 OF S42 SHEETS

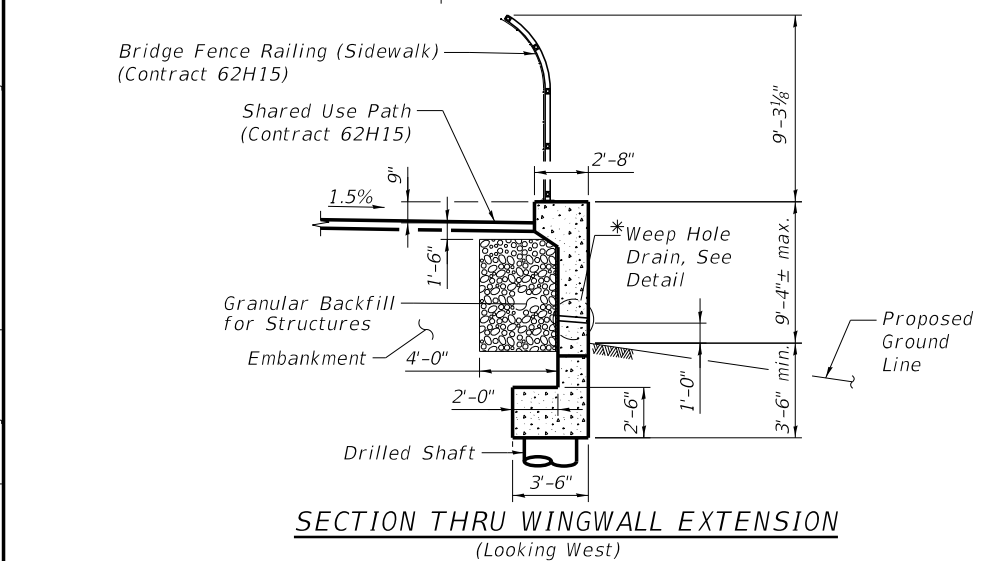
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-	2020-192-B	WILL	299	204
CONTRACT NO. 62M63				
FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



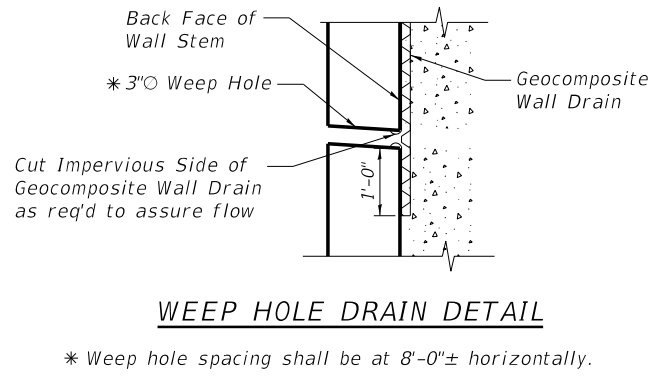
FOOTING PLAN - NW WINGWALL



ELEVATION B-B - NW WINGWALL



SECTION THRU WINGWALL EXTENSION (Looking West)



WEEP HOLE DRAIN DETAIL

- NOTES:**
1. For Sections C-C & D-D, see Sheet S-27.
 2. For Bill of Materials, see Sheet S-27.
 3. See Foundation Layout Plan on Sheet S-04 for locations of drilled shafts.



USER NAME	kkenny	DESIGNED	- WKK	REVISIONS	-
PLOT SCALE	-	CHECKED	- JLS	REVISIONS	-
DATE	10/05/2020	DRAWN	- RMG	REVISIONS	-
		CHECKED	- JLS	REVISIONS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

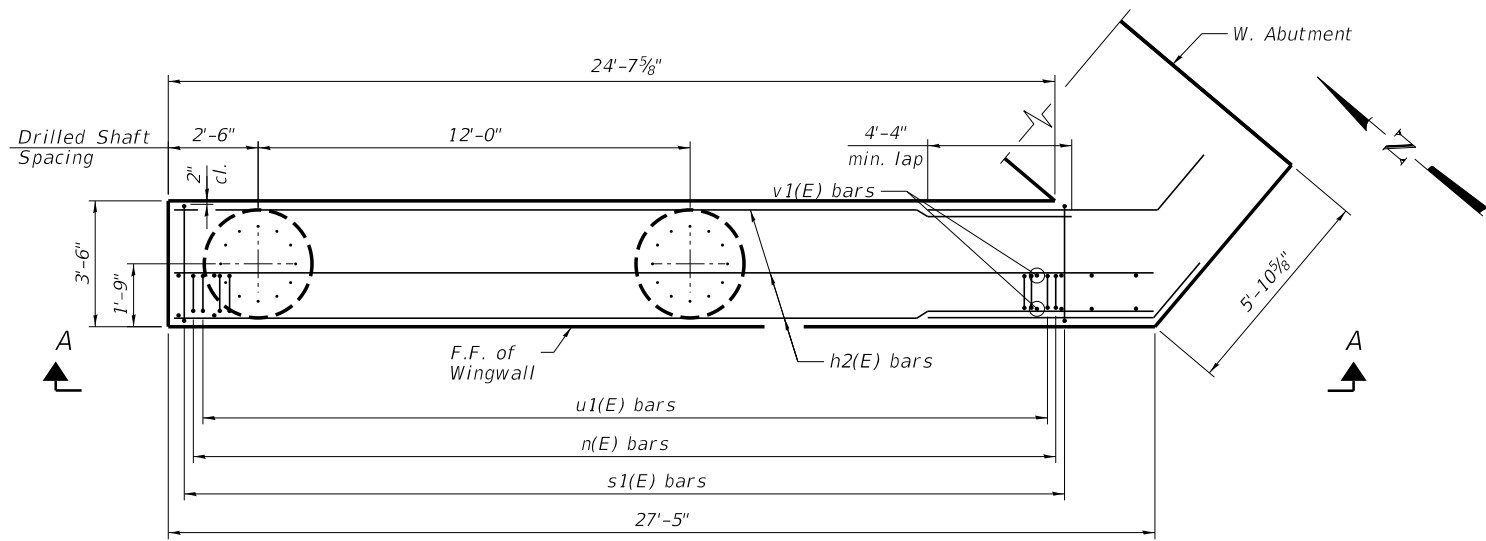
WEST ABUTMENT DETAILS (1 OF 2)
STRUCTURE NO. 099-4666

SHEET S26 OF S42 SHEETS

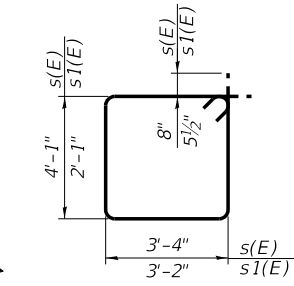
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-	2020-192-B	WILL	299	205
CONTRACT NO. 62M63				
FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

BILL OF MATERIAL

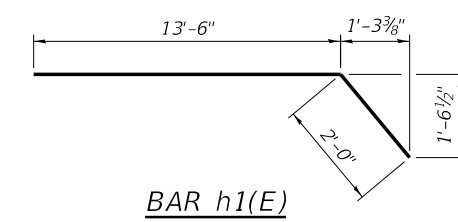
Bar	No.	Size	Length	Shape
h(E)	24	#6	29'-10"	
h1(E)	20	#6	15'-6"	
h2(E)	30	#6	27'-1"	
h3(E)	34	#6	38'-9"	
h4(E)	30	#6	33'-0"	
h5(E)	4	#6	34'-8"	
n(E)	189	#6	16'-10"	
p(E)	80	#10	35'-2"	
s(E)	200	#6	16'-2"	
s1(E)	189	#5	11'-5"	
u(E)	5	#6	13'-6"	
u1(E)	60	#5	3'-2"	
u2(E)	47	#5	4'-8"	
v(E)	18	#6	4'-1"	
v1(E)	106	#6	7'-6"	
v2(E)	132	#6	8'-7"	
v3(E)	70	#6	8'-2"	
v4(E)	70	#6	8'-8"	
Concrete Structures			Cu. Yd.	169.1
Granular Backfill for Structures			Cu. Yd.	293
Reinforcement Bars, Epoxy Coated			Pound	35,740



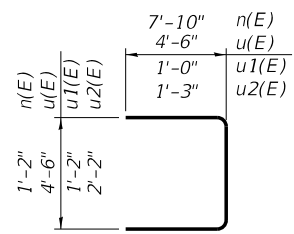
FOOTING PLAN - SW WINGWALL



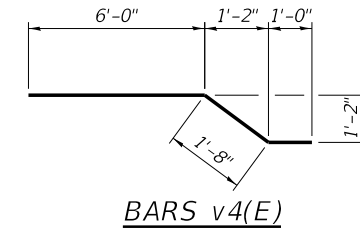
BARS s(E) & s1(E)



BAR h1(E)

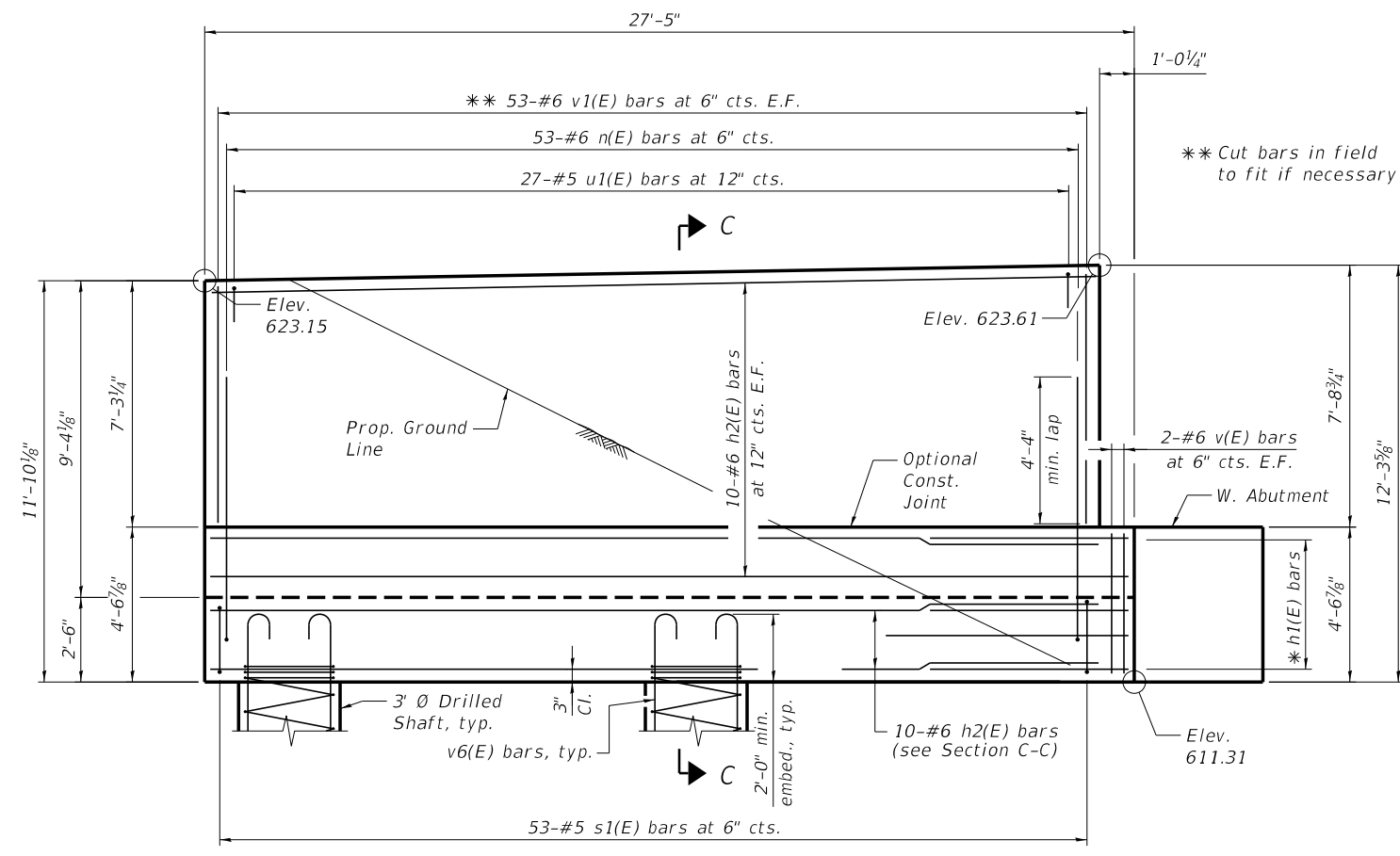


BARS n(E), u(E), u1(E), & u2(E)

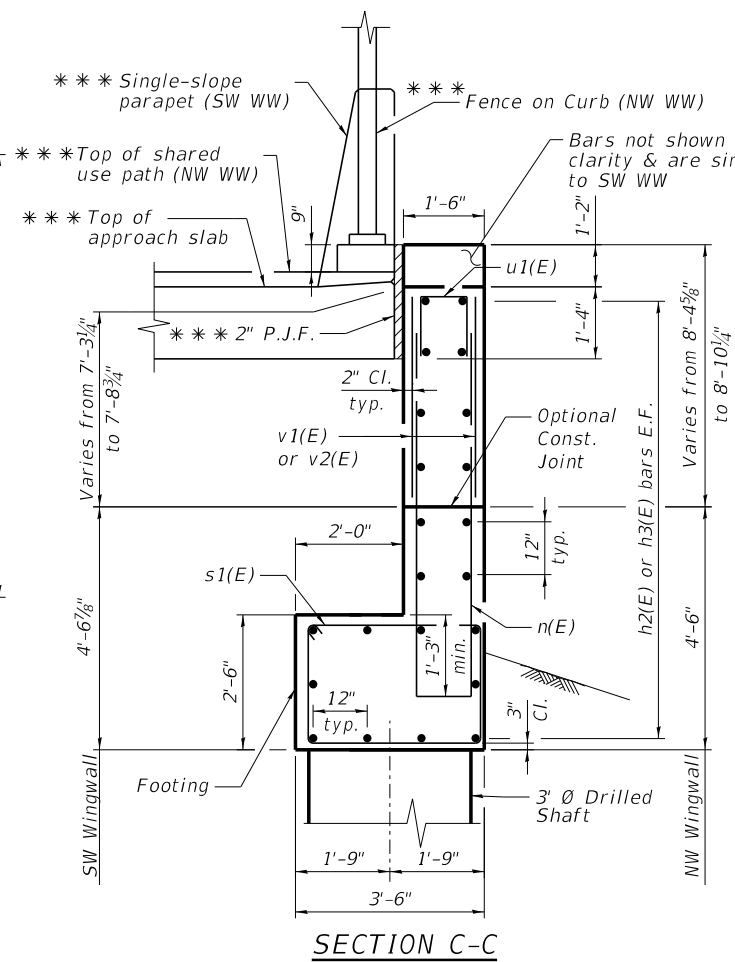


BARS v4(E)

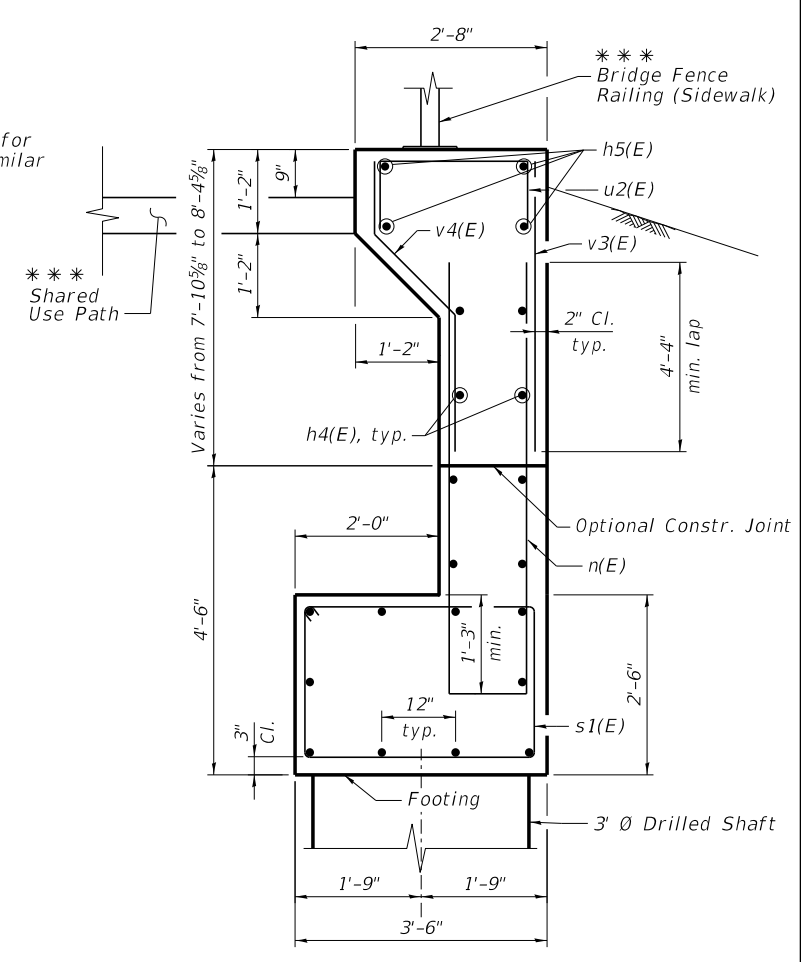
*** To be built in Contract 62H15



ELEVATION A-A - SW WINGWALL



SECTION C-C



SECTION D-D

NOTES:

1. Front Faces of NW Wingwall and Wingwall Extension shall align.
2. See Foundation Layout Plan on Sheet S-04 for locations of drilled shafts.



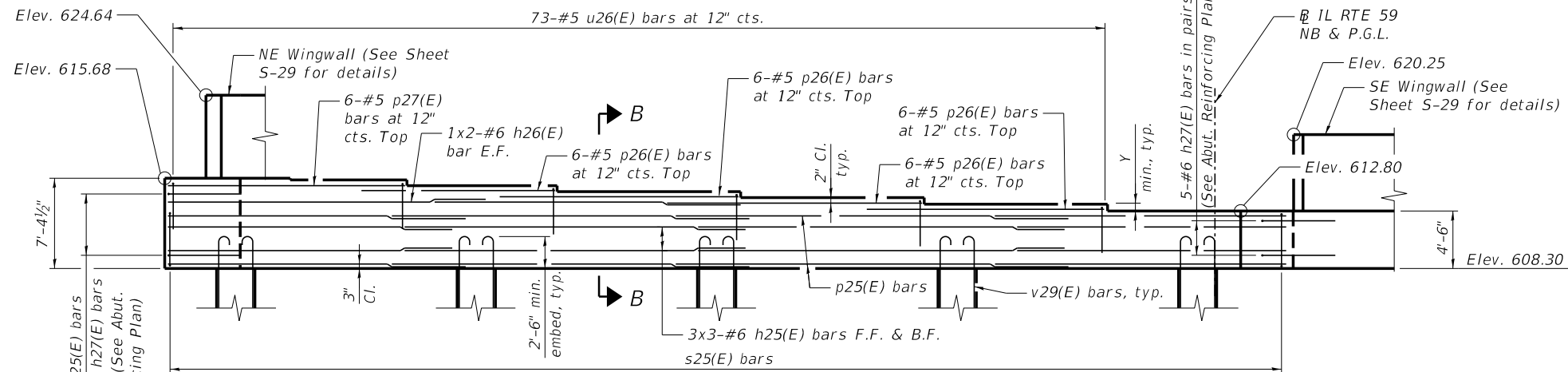
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PLOT SCALE	-	CHECKED	- JLS	REVISED	-
DATE	10/05/2020	DRAWN	- RMG	REVISED	-
		CHECKED	- JLS	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

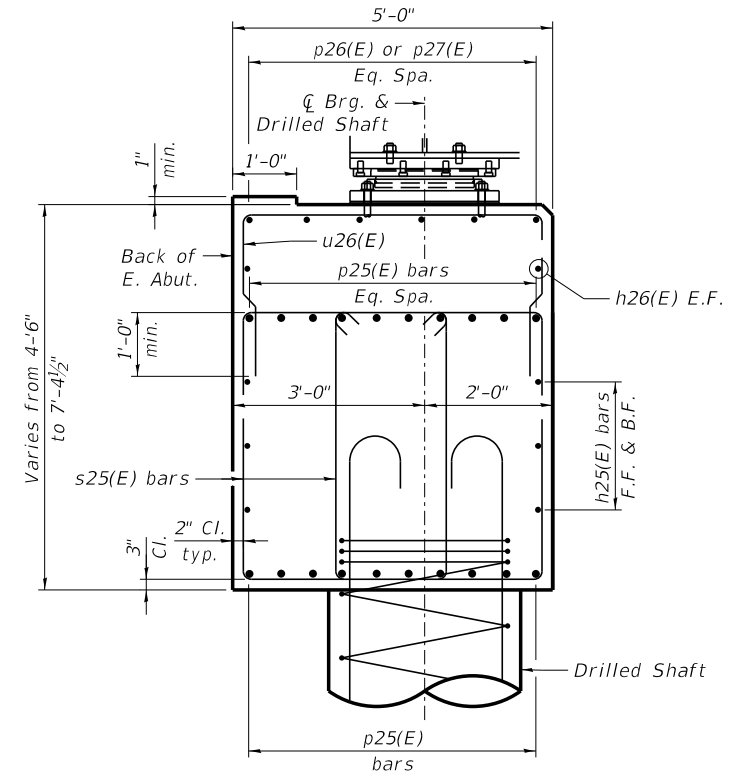
**WEST ABUTMENT DETAILS (2 OF 2)
STRUCTURE NO. 099-4666**

SHEET S27 OF S42 SHEETS

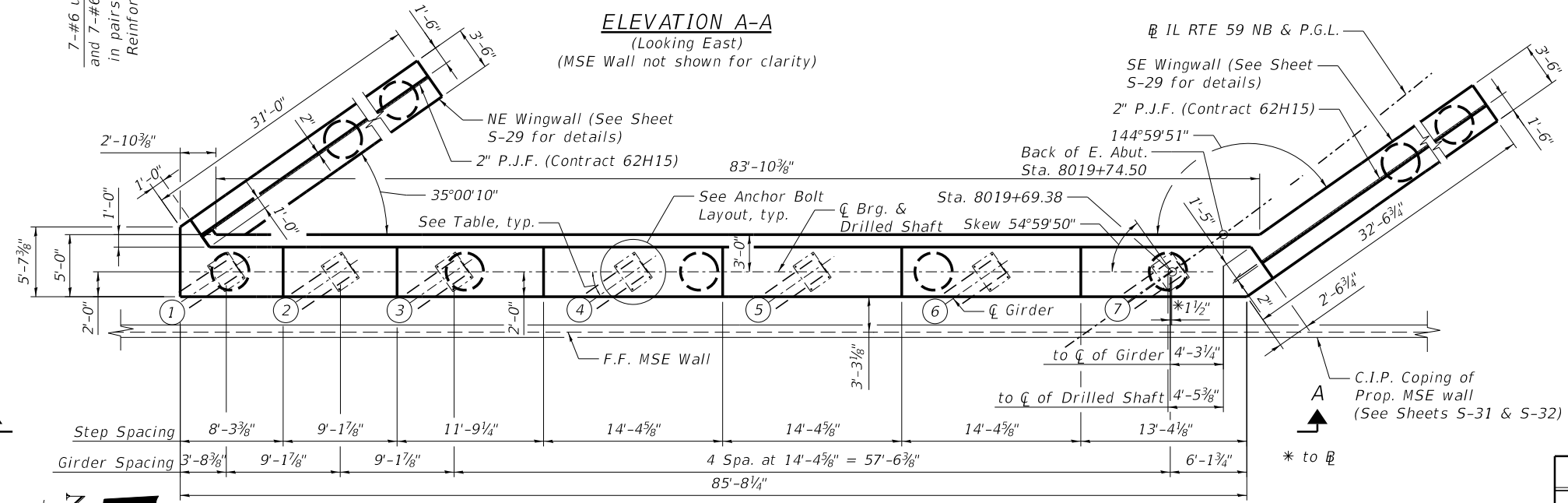
F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2020-192-B	WILL	299	206
CONTRACT NO. 62M63				
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



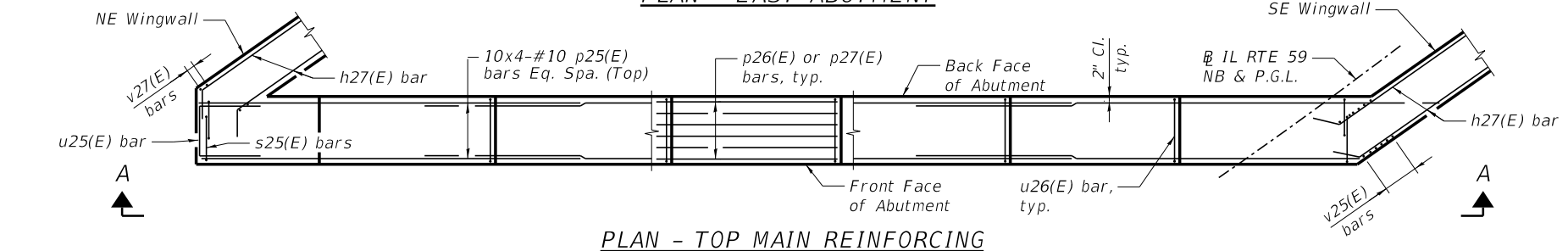
ELEVATION A-A
(Looking East)
(MSE Wall not shown for clarity)



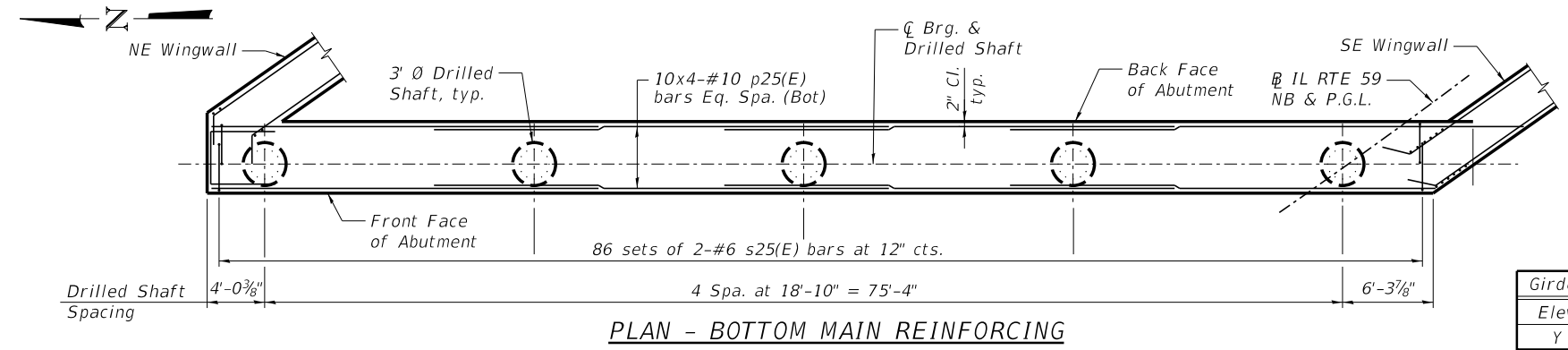
SECTION B-B



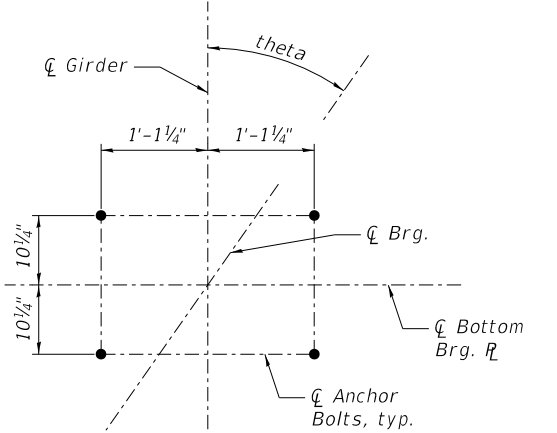
PLAN - EAST ABUTMENT



PLAN - TOP MAIN REINFORCING



PLAN - BOTTOM MAIN REINFORCING



ANCHOR BOLT LAYOUT

Girder	theta
1	33° 37' 12"
2	34° 17' 57"
3	35° 00' 10"
4	35° 00' 10"
5	35° 00' 10"
6	35° 00' 10"
7	35° 00' 10"

SEAT ELEVATIONS & SEAT HEIGHTS

Girder	1	2	3	4	5	6	7
Elev.	615.68	615.37	615.05	614.52	613.97	613.40	612.80
Y	3 3/4"	3 3/4"	6 3/8"	6 5/8"	6 7/8"	7 1/4"	-

NOTES:

1. Space reinforcement in cap to miss anchor bolts and vertical drilled shaft bars.
2. Pour steps monolithically with cap.
3. Slope abutment seats 1/4" between bearings.
4. For details of drilled shafts, see Sheet S-35.
5. See Foundation Layout Plan on sheet S-04 for locations of drilled shafts.
6. Min. lap for #5 bar is 3'-9". Min. lap for #6 bars is 4'-4". Min. lap for #10 bars is 11'-6".
7. Bars indicated thus m x n -#6 etc., indicates m lines of bars with n lengths per line.

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 USER: ksnyder
 DATE: 09/18/2020

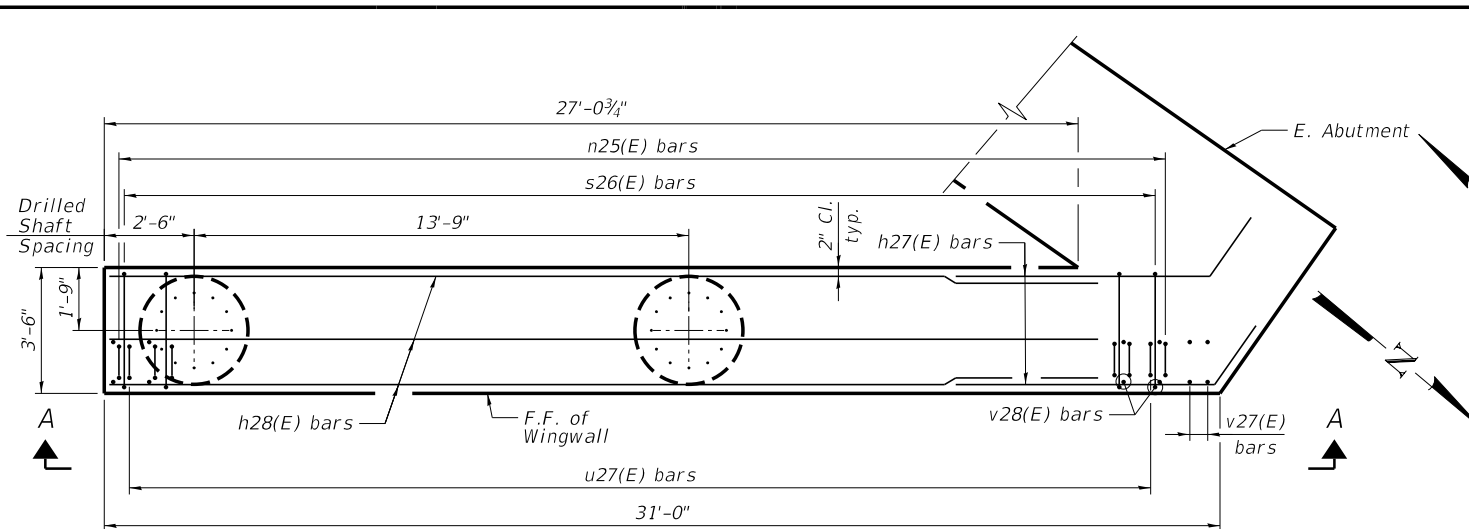


USER NAME	ksnyder	DESIGNED	- WKK	REVISIONS	-
CHECKED	- JLS	CHECKED	- JLS	REVISIONS	-
PLOT SCALE	-	DRAWN	- RMG	REVISIONS	-
DATE	09/18/2020	CHECKED	- JLS	REVISIONS	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

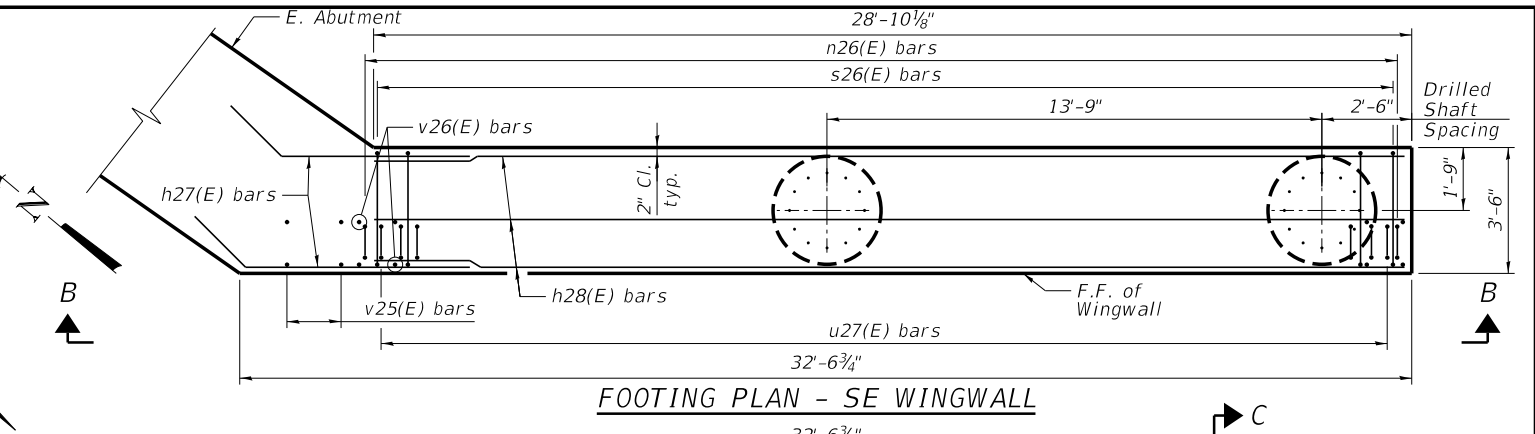
**EAST ABUTMENT PLAN AND ELEVATION
STRUCTURE NO. 099-4666**

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2020-192-B	WILL	299	207
CONTRACT NO. 62M63				
= FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

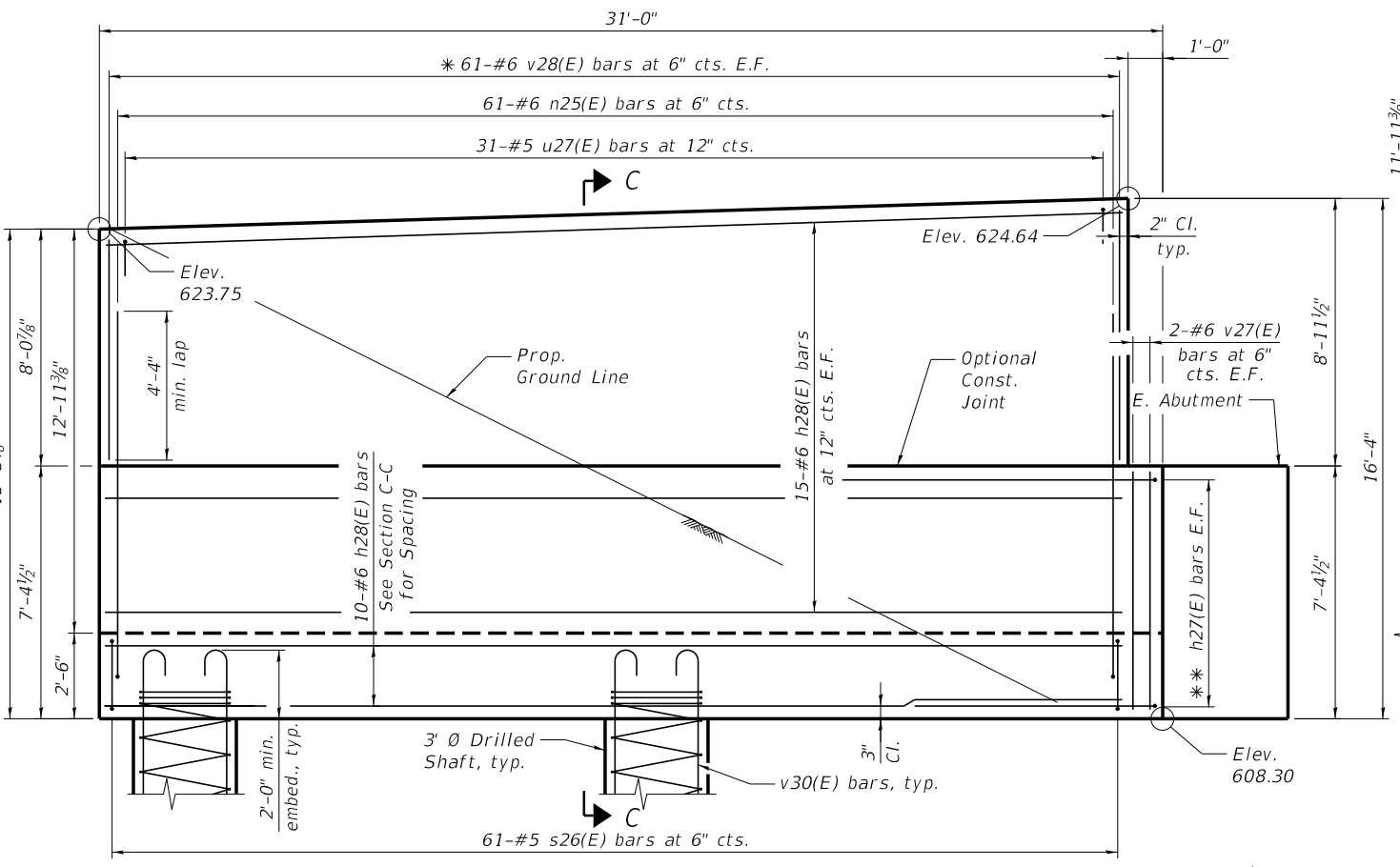


FOOTING PLAN - NE WINGWALL

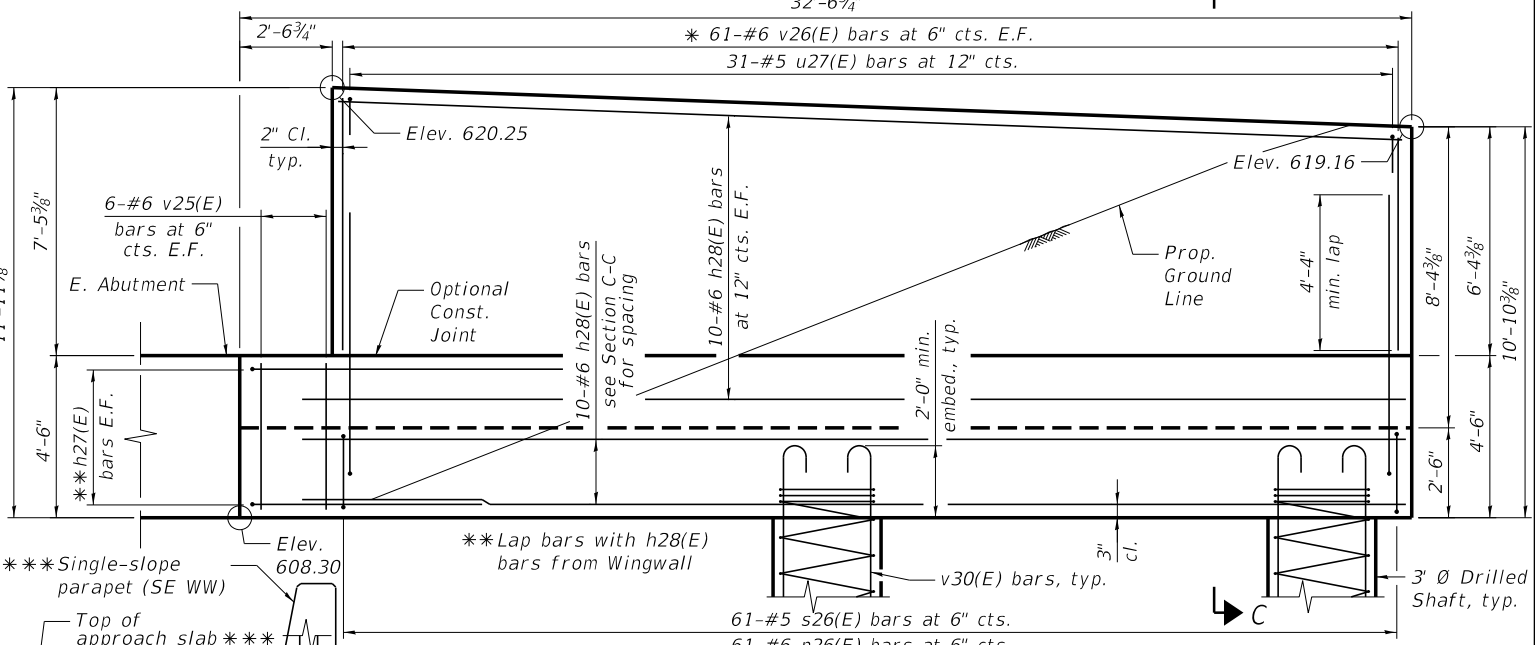
* Cut bars in field to fit if necessary



FOOTING PLAN - SE WINGWALL



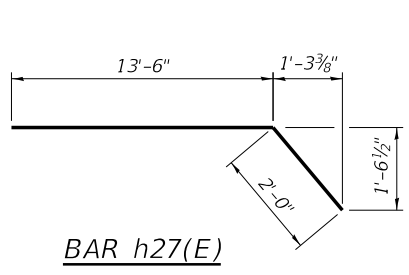
ELEVATION A-A - NE WINGWALL



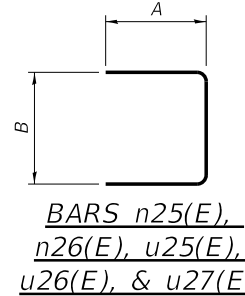
ELEVATION B-B - SE WINGWALL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h25(E)	18	#6	33'-10"	
h26(E)	4	#6	24'-0"	
h27(E)	24	#6	15'-6"	
h28(E)	70	#6	29'-8"	
n25(E)	61	#6	22'-6"	
n26(E)	61	#6	16'-8"	
p25(E)	80	#10	31'-10"	
p26(E)	24	#5	18'-3"	
p27(E)	6	#5	17'-1"	
s25(E)	172	#6	16'-2"	
s26(E)	122	#5	11'-5"	
u25(E)	7	#6	13'-6"	
u26(E)	73	#5	12'-6"	
u27(E)	62	#5	3'-2"	
v25(E)	12	#6	4'-1"	
v26(E)	122	#6	7'-3"	
v27(E)	4	#6	6'-11"	
v28(E)	122	#6	8'-9"	

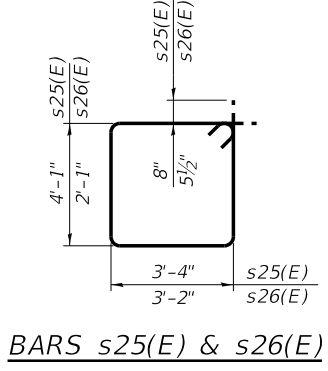


BAR h27(E)

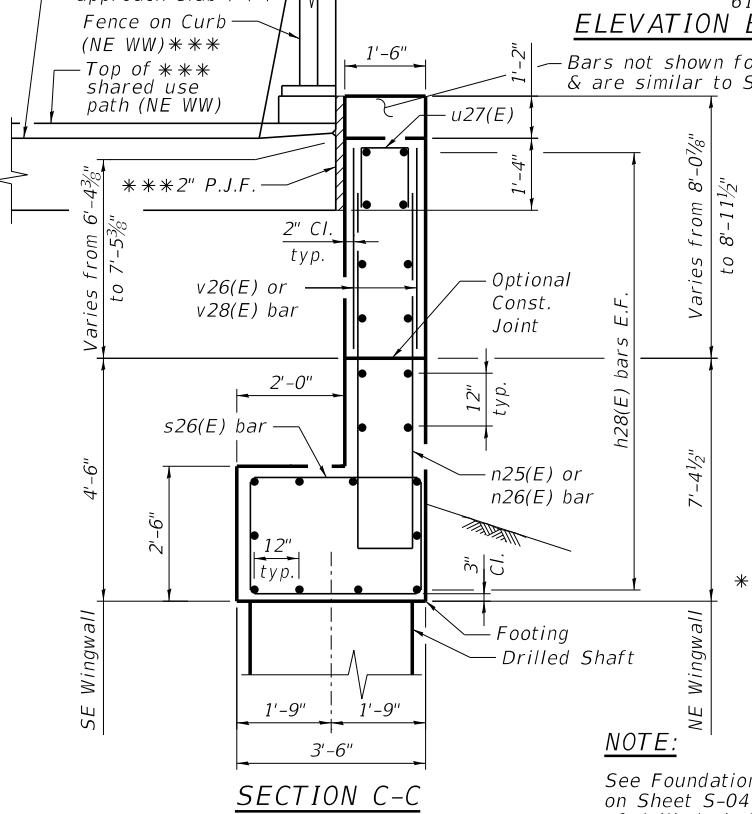


BARS n25(E), n26(E), u25(E), u26(E), & u27(E)

Bar	A	B
n25(E)	10'-8"	1'-2"
n26(E)	7'-9"	1'-2"
u25(E)	4'-6"	4'-6"
u26(E)	3'-11"	4'-8"
u27(E)	1'-0"	1'-2"



BARS s25(E) & s26(E)



SECTION C-C

NOTE:

See Foundation Layout Plan on Sheet S-04 for locations of drilled shafts.

***To be built in Contract 62H15

MODEL: D:\Def\aut...
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 15'-5 3/8"



USER NAME - kkeny
 DESIGNED - WKK
 CHECKED - JLS
 PLOT SCALE -
 DRAWN - WKK
 DATE 10/05/2020

DESIGNED - WKK
 CHECKED - JLS
 DRAWN - WKK
 CHECKED - JLS

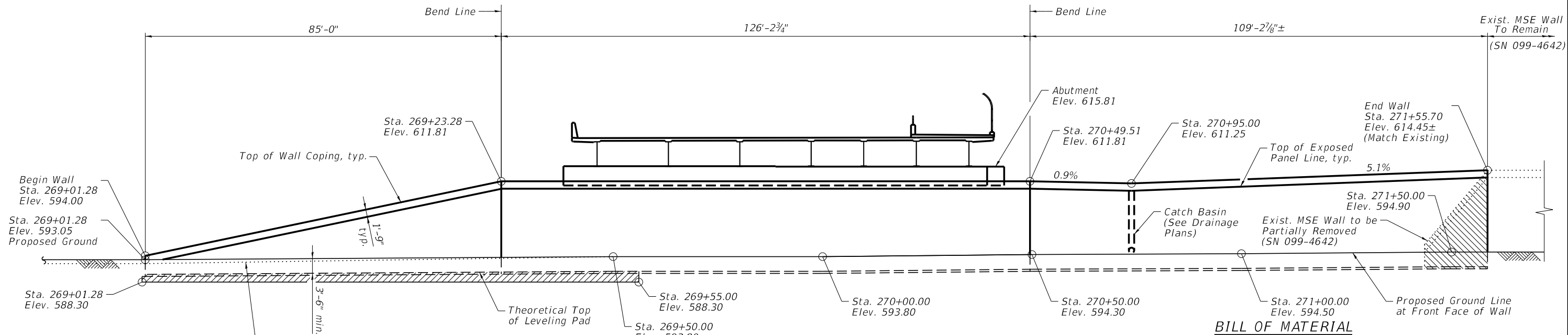
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EAST ABUTMENT DETAILS
 STRUCTURE NO. 099-4666**

SHEET S29 OF S42 SHEETS

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	208
CONTRACT NO. 62M63				
FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



BILL OF MATERIAL

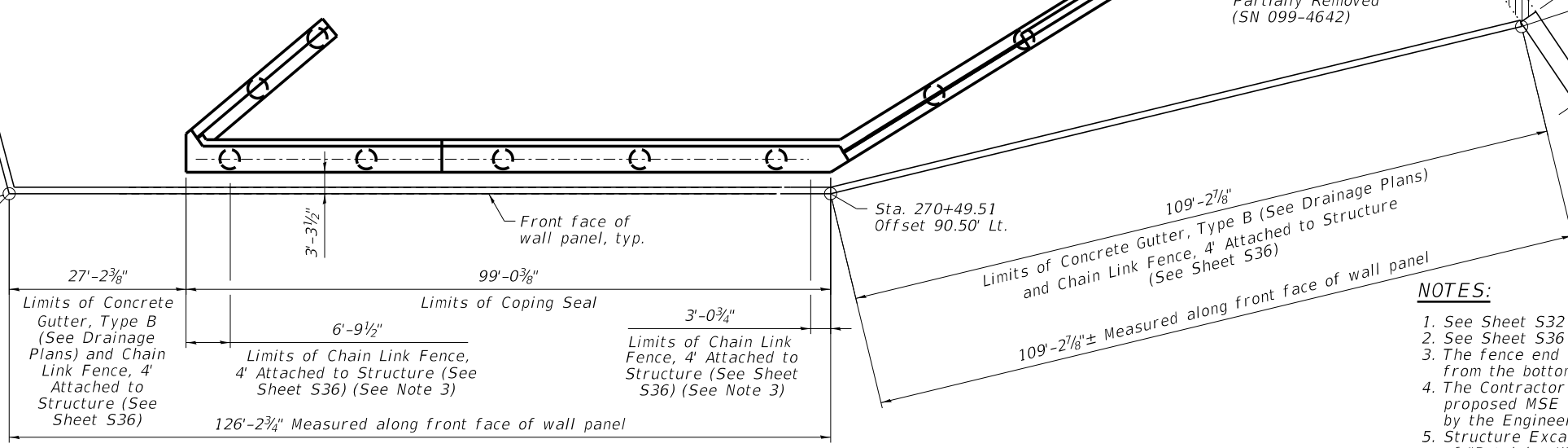
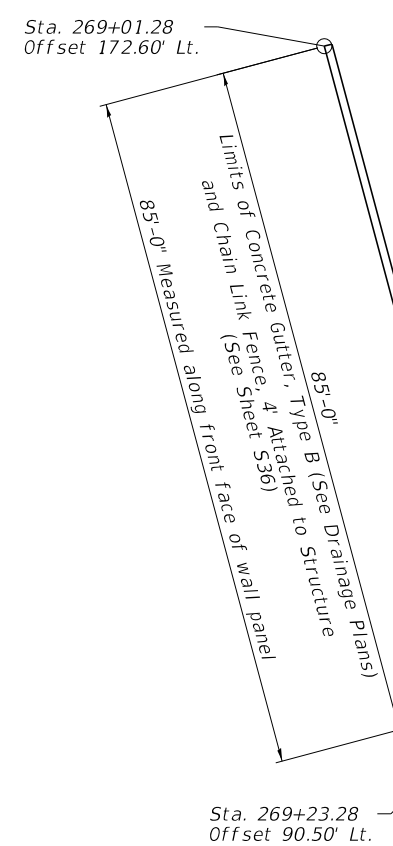
ITEM	UNIT	TOTAL
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	5,584
Retaining Wall Removal	Sq. Ft.	477
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	65
Granular Backfill for Structures	Cu. Yd.	65
Structure Excavation	Cu. Yd.	843.5

UNFOLDED ELEVATION - WEST MSE RETAINING WALL

(Max Exposed Wall Height = 19'-6")
(Chain Link Fence not shown for Clarity)

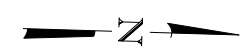
LEGEND

- Unsuitable Material to be Removed and Replaced with Granular Backfill for Structures
- Existing MSE Wall Removal



NOTES:

1. See Sheet S32 for MSE wall notes and construction sequence.
2. See Sheet S36 for Chain Link Fence Details.
3. The fence end posts shall be located 6' min to 12' max clear from the bottom flange of the fascia girder.
4. The Contractor shall provide appropriate details to abut the proposed MSE wall against the existing MSE wall, as approved by the Engineer.
5. Structure Excavation of existing retaining wall included in cost of "Retaining Wall Removal"



PLAN

MODEL: D:\p\aut...
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 DATE: 09/18/2020



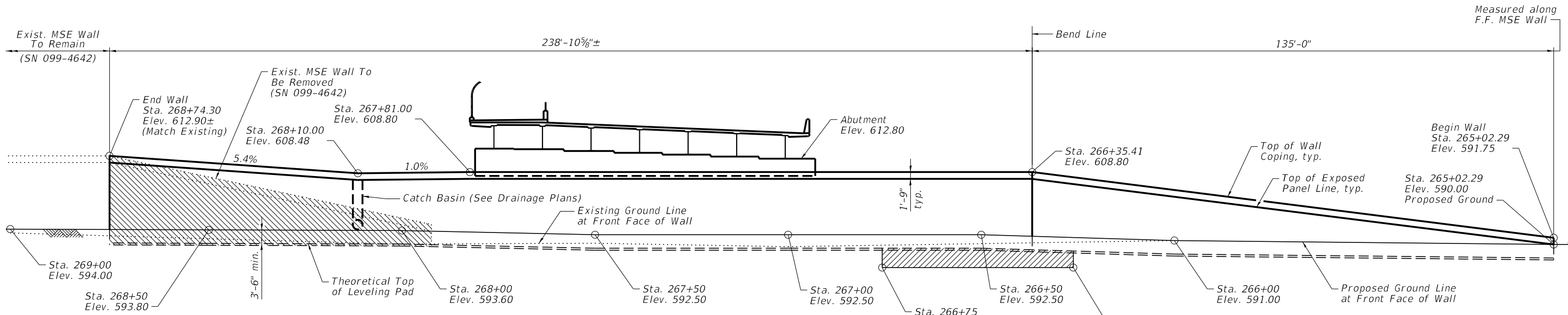
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		CHECKED	- DTS	REVISED	-
PLOT SCALE	-	DRAWN	- AJB	REVISED	-
DATE	09/18/2020	CHECKED	- DTS	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WEST ABUTMENT MSE WALL
STRUCTURE NO. 099-4666**

SHEET S30 OF S42 SHEETS

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2020-192-B	WILL	299	209
CONTRACT NO. 62M63				
FAI 55, FAP 338		ILLINOIS		FED. AID PROJECT



BILL OF MATERIAL

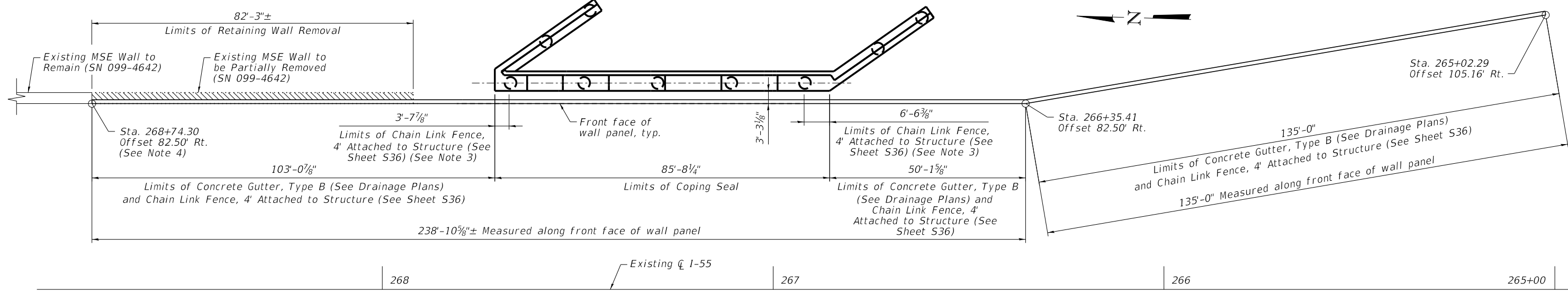
ITEM	UNIT	TOTAL
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	5,689
Retaining Wall Removal	Sq. Ft.	903
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	228
Granular Backfill for Structures	Cu. Yd.	228
Structure Excavation	Cu. Yd.	416.0

UNFOLDED ELEVATION - EAST MSE RETAINING WALL

(Max Exposed Wall Height = 19'-1")
(Chain Link Fence not shown for Clarity)

LEGEND

- Unsuitable Material to be Removed and Replaced with Granular Backfill for Structures
- Removal of Existing MSE Wall



PLAN

NOTES:

1. See Sheet S32 for MSE wall notes and construction sequence.
2. See Sheet S36 for Chain Link Fence Details.
3. The fence end posts shall be located 6" min to 12" max. clear from the bottom flange of the fascia girder.
4. The Contractor shall provide appropriate details to abut the new MSE wall against the existing MSE wall, as approved by the Engineer.
5. Structure Excavation of existing retaining wall included in cost of "Retaining Wall Removal"

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 MODEL: D:\p\aut...
 FILE: \BeneSch\p\aut...



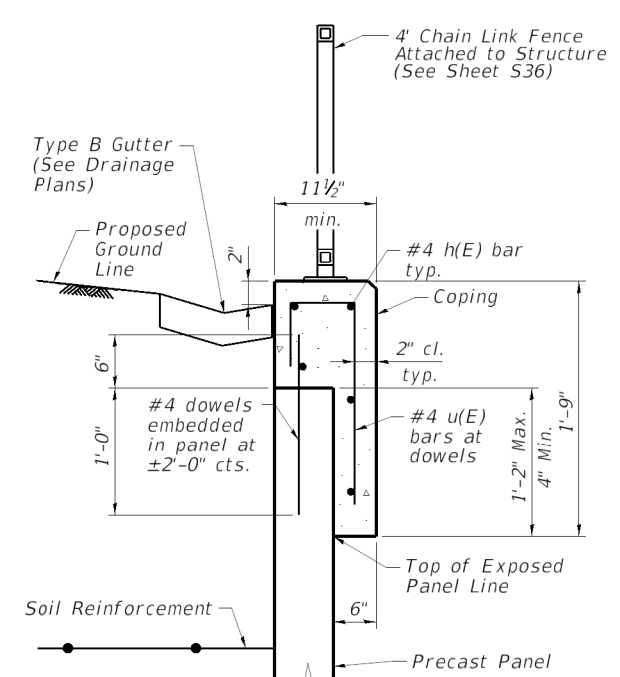
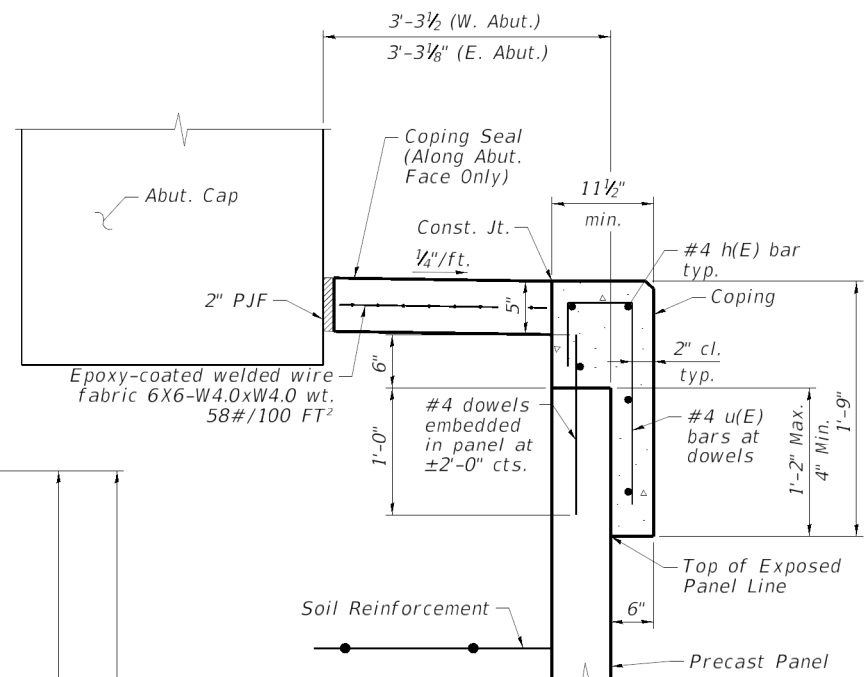
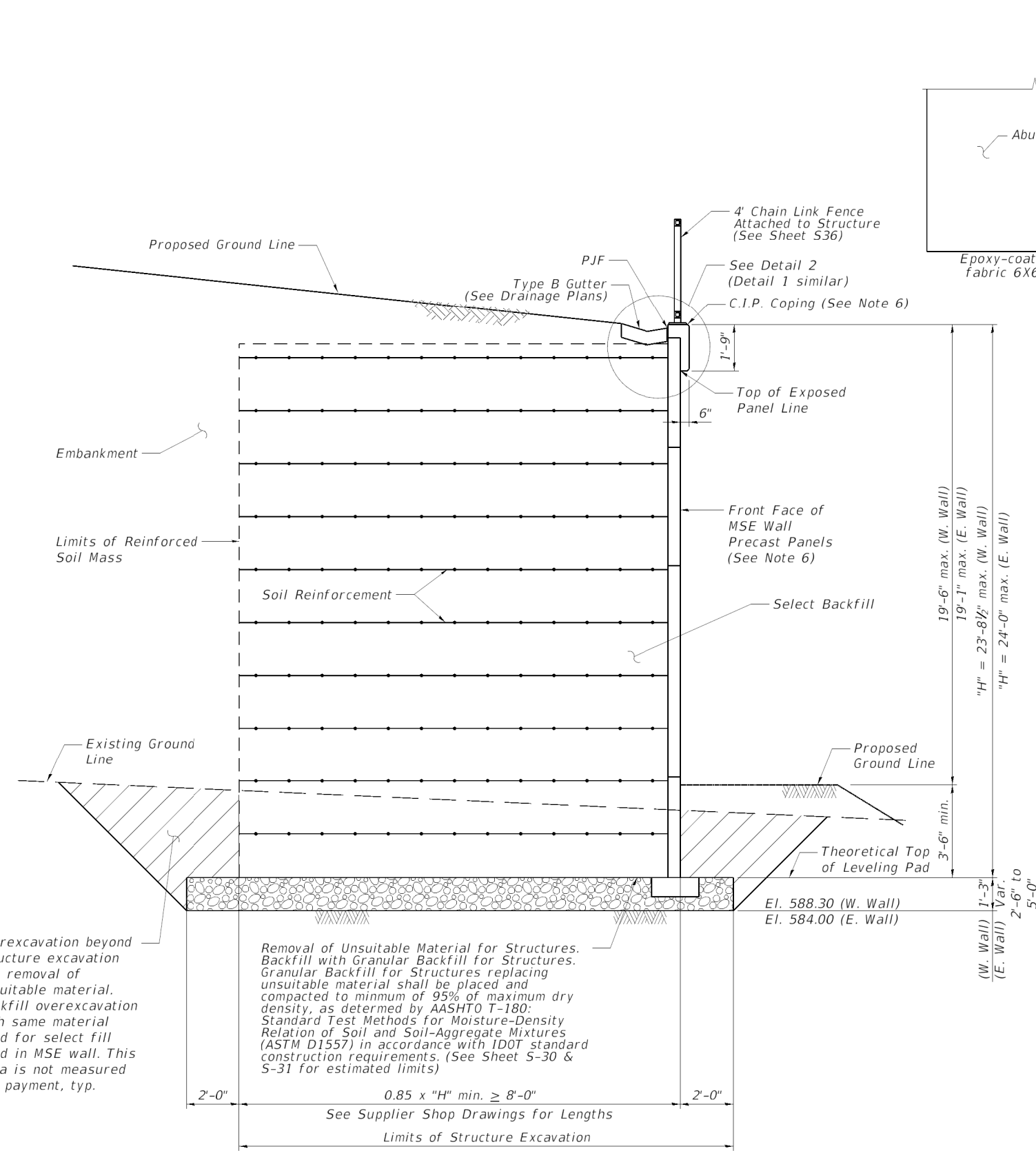
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PLOT SCALE -	CHECKED - DTS	REVISIONS
DATE 09/18/2020	DRAWN - AJB	REVISIONS
	CHECKED - DTS	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EAST ABUTMENT MSE WALL
STRUCTURE NO. 099-4666**

SHEET S31 OF S42 SHEETS

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	210
CONTRACT NO. 62M63				
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



NOTE:
Cost of Coping with reinforcement, Coping seal with wire mesh and P.J.F. are included in the pay item "Mechanically Stabilized Earth Retaining Wall."

NOTES:

- All stations, elevations, and longitudinal dimensions shown are taken at the front face of panels.
- Cutting or bending of soil reinforcement beyond approved manufacturer's limits to miss drainage system components is not permitted. Wrapping soil reinforcement around or connecting to drainage system components is also not permitted. Special details and provisions for accommodating conflicts shall be included in the submittals for mechanically stabilized earth retaining walls.
- The cost of the concrete and the reinforcing steel required for the coping shall be included in the cost of mechanically stabilized earth retaining wall.
- All backfill located below the reinforced soil mass within the limits shown shall be granular backfill for structures.
- Drilled shafts shall be constructed prior to placement of reinforced select backfill.
- Rectangular precast panels and coping to match existing SN 099-4642 MSE Retaining Walls.

CONSTRUCTION SEQUENCE

- Install Protective Slabs as shown in Kinder Morgan Protective Slab Plans and Details.
- Locate Kinder Morgan Gas Line with hydro-vac.
- Kinder Morgan Representative confirms casing locations.
- Commence Drilling of Drilled Shafts.
- Construct MSE Wall and place backfill up to the elevation of the bottom of abutment.
- Construct abutment.
- Resume and complete construction of the MSE Wall.

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USER NAME	ksnider	DESIGNED	- WKK	REVISED	-
PLOT SCALE	-	CHECKED	- DTS	REVISED	-
DATE	09/18/2020	DRAWN	- AJB	REVISED	-
		CHECKED	- DTS	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MSE WALL DETAILS
STRUCTURE NO. 099-4666**

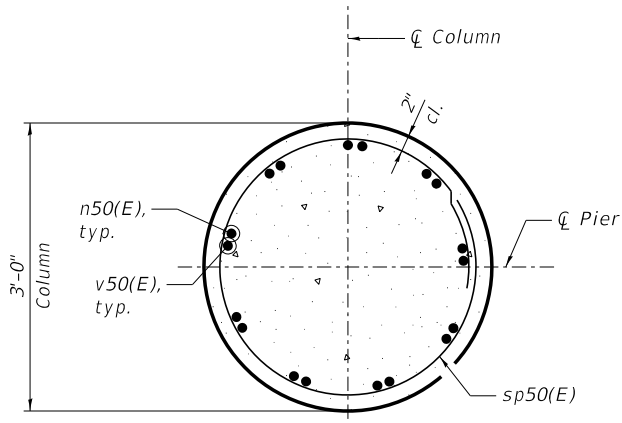
SHEET S32 OF S42 SHEETS

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	211
CONTRACT NO. 62M63				

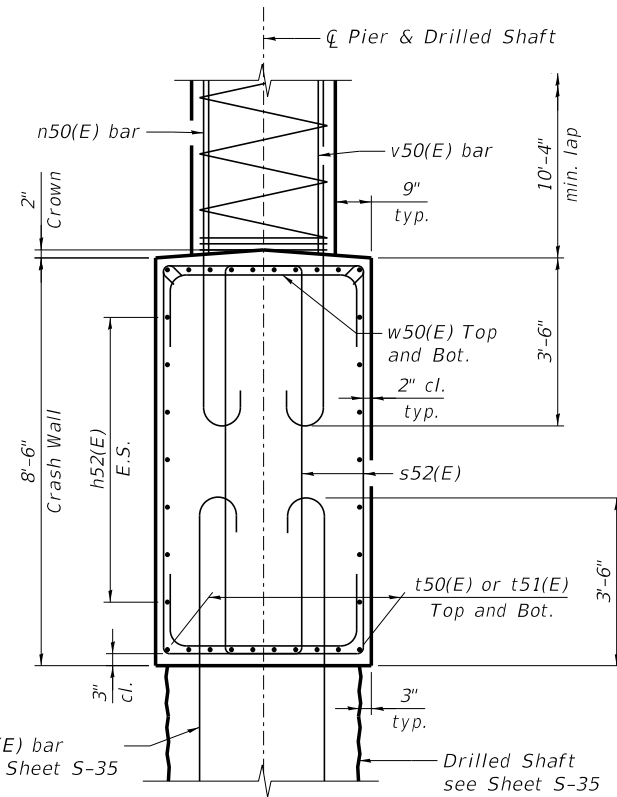
* FAI 55, FAP 338 ILLINOIS FED AID PROJECT

BILL OF MATERIAL

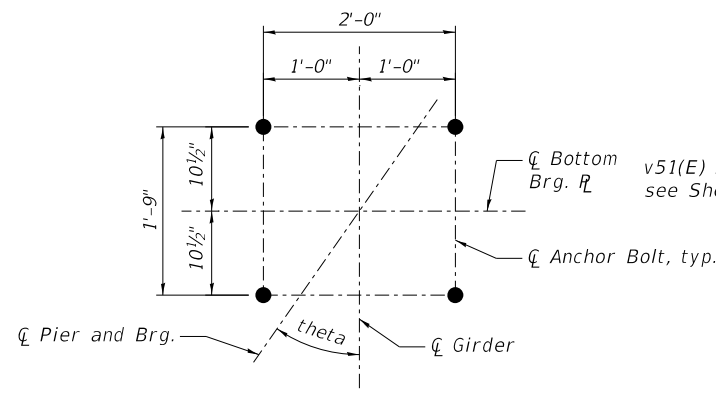
Bar	No.	Size	Length	Shape
h50(E)	18	#6	35'-8"	
h51(E)	2	#6	26'-4"	
h52(E)	42	#6	31'-5"	
n50(E)	54	#9	15'-3"	
p50(E)	64	#9	32'-4"	
p51(E)	16	#9	17'-2"	
p52(E)	10	#5	33'-2"	
p53(E)	5	#5	13'-8"	
s50(E)	340	#6	15'-2"	
s51(E)	112	#6	9'-1"	
s52(E)	172	#5	23'-1"	
* sp50(E)	6	#4	13'-10"	WWW
t50(E)	40	#9	37'-0"	
t51(E)	20	#9	35'-5"	
u50(E)	70	#5	8'-8"	
u51(E)	10	#5	10'-2"	
u52(E)	18	#5	10'-8"	
v50(E)	54	#9	18'-5"	
w50(E)	86	#9	7'-4"	
Structure Excavation		Cu. Yd.	98.5	
Concrete Structures		Cu. Yd.	218.4	
Reinforcement Bars, Epoxy Coated		Pound	42,150	
Concrete Sealer		Sq. Ft.	4,431	



SECTION B-B

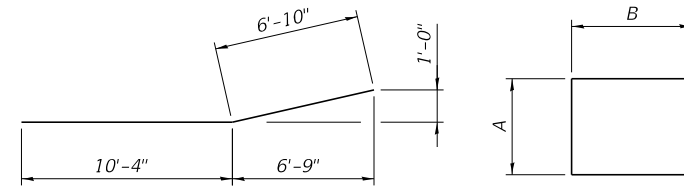


SECTION C-C



ANCHOR BOLT LAYOUT

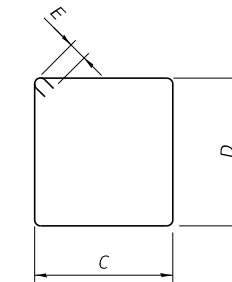
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2	34° 17' 57"
3	35° 00' 10"
4	35° 00' 10"
5	35° 00' 10"
6	35° 00' 10"
7	35° 00' 10"



BAR p51(E)

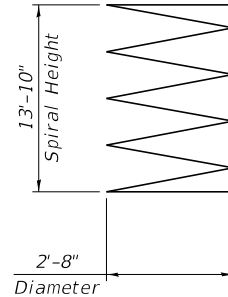
BARS s51(E), u50(E), u51(E), & u52(E)

Bar	A	B
s51(E)	2'-9"	3'-2"
u50(E)	3'-8"	2'-6"
u51(E)	3'-6"	3'-4"
u52(E)	4'-0"	3'-4"

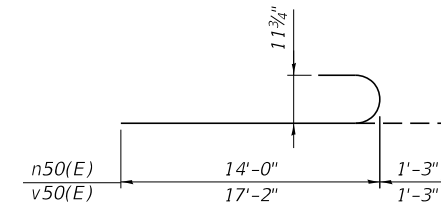


BARS s50(E) & s52(E)

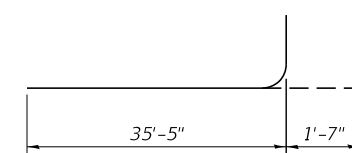
Bar	C	D	E
s50(E)	2'-9"	4'-2"	8"
s52(E)	3'-0"	8'-1"	5 1/2"



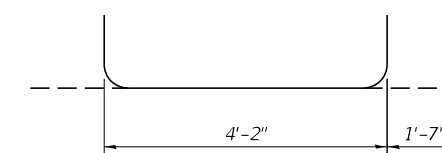
BAR sp50(E)



BARS n50(E) & v50(E)



BAR t50(E)

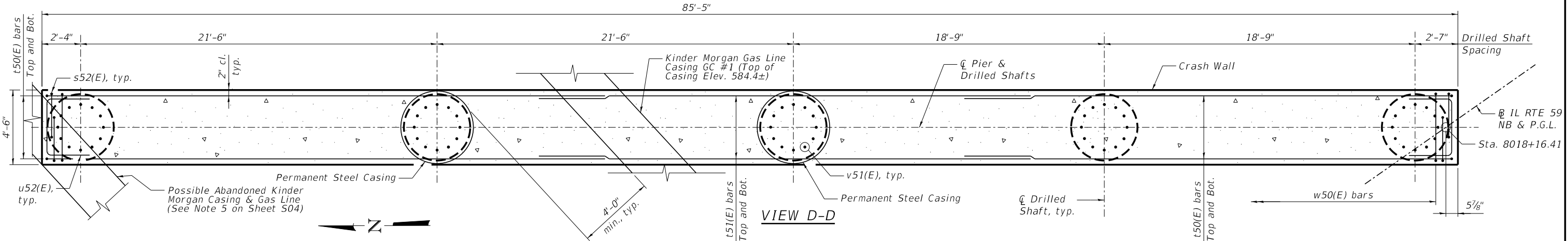


BAR w50(E)

* The spiral length shown is the height of spiral.

NOTES:

1. See Sheet S-33 for location of Section B-B, Section C-C, and View D-D.
2. See Sheet S-35 for details of drilled shafts.
3. See Foundation Layout Plan for locations of drilled shafts.
4. Bars indicated thus m x n -#6 etc. indicates m lines of bars with n lengths per line.
5. Space reinforcement to miss vertical bars in the drilled shaft and column.
6. Concrete Sealer shall be applied to all exposed surface areas of the pier.



VIEW D-D

MODEL: D:\p\aut...
 FILE: \p\aut...



USER NAME	ksnlr	DESIGNED	- WKK	REVISED	-
PLOT SCALE		CHECKED	- JLS	REVISED	-
DATE	09/18/2020	DRAWN	- RMG	REVISED	-
		CHECKED	- JLS	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIER DETAILS (2 OF 2)
STRUCTURE NO. 099-4666**

SHEET S34 OF S42 SHEETS

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	213
CONTRACT NO. 62M63				
FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

NOTES:

- The quantities and detailing are based on the estimated elevations shown on the plans. The actual elevations may differ at each Drilled Shaft and corresponding adjustments shall be made to the Drilled Shaft and reinforcements quantities and payment limits.
- Soil and groundwater conditions may necessitate the use of wet or cased construction techniques. See boring logs and refer to special provision for Drilled Shafts.
- For detail layout of abutment and pier dimensions, see abutment and pier plans.
- Permanent casing for drilled shafts shall be rotated into place and not driven in order to limit vibrations near the adjacent Kinder Morgan gas lines.
- Permanent Casings shall extend to top of rock.
- The contractor is responsible for determining the permanent casing thickness and actual tip elevation to be used.

DRILLED SHAFT SCHEDULE

Mark	Station	Offset	Diameter	Length "L1"	Diameter	Length "L2"	Number of Vertical Bars	Top of Drilled Shaft Elevation	Estimated Top of Rock Elevation
WW-1	8015+03.51	-58.82	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
WW-2	8015+19.74	-57.88	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
WW-3	8015+35.96	-56.95	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
WW-4	8015+52.18	-56.01	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
WA-1	8015+77.73	-50.20	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
** WA-2	8015+94.93	-38.15	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
** WA-3	8016+12.13	-26.10	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
WA-4	8016+29.33	-14.06	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
WA-5	8016+46.54	-2.01	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
WW-5	8016+24.82	5.51	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
WW-6	8016+36.78	4.43	36"	39'-2 1/2"	30"	6'-0"	12	611.31	572.10
P-1	8017+48.75	-47.38	48"	18'-7 3/4"	42"	8'-0"	12	589.75	571.10
** P-2	8017+66.37	-35.04	48"	18'-7 3/4"	42"	8'-0"	12	589.75	571.10
** P-3	8017+83.98	-22.71	48"	18'-7 3/4"	42"	8'-0"	12	589.75	571.10
P-4	8017+99.34	-11.96	48"	18'-7 3/4"	42"	8'-0"	12	589.75	571.10
P-5	8018+14.69	-1.20	48"	18'-7 3/4"	42"	8'-0"	12	589.75	571.10
EW-1	8019+20.95	-46.92	36"	36'-6"	30"	6'-0"	12	608.30	571.80
EW-2	8019+34.70	-46.92	36"	36'-6"	30"	6'-0"	12	608.30	571.80
EA-1	8019+07.45	-43.42	36"	36'-6"	30"	6'-0"	12	608.30	571.80
EA-2	8019+22.88	-32.62	36"	36'-6"	30"	6'-0"	12	608.30	571.80
EA-3	8019+38.30	-21.82	36"	36'-6"	30"	6'-0"	12	608.30	571.80
EA-4	8019+53.73	-11.01	36"	36'-6"	30"	6'-0"	12	608.30	571.80
EA-5	8019+69.16	-0.21	36"	36'-6"	30"	6'-0"	12	608.30	571.80
EW-3	8019+89.27	4.03	36"	36'-6"	30"	6'-0"	12	608.30	571.80
EW-4	8020+02.81	5.10	36"	36'-6"	30"	6'-0"	12	608.30	571.80

** Indicates Drilled Shaft where Permanent Casing is required.

BILL OF MATERIAL - WEST ABUTMENT

Bar	No.	Size	Length	Shape
* sp(E)	5	#6	45'-5"	WWWW
* sp1(E)	6	#6	45'-5"	WWWW
v5(E)	60	#9	49'-0"	C
v6(E)	72	#9	48'-6"	C
Drilled Shaft in Soil			Cu. Yd.	113.0
Drilled Shaft in Rock			Cu. Yd.	12.0
Reinforcement Bars, Epoxy Coated			Pound	28,170
Thermal Integrity Profile Testing			Each	3
Thermal Integrity Profile Data Collection			Foot	498
Permanent Casing			Foot	79

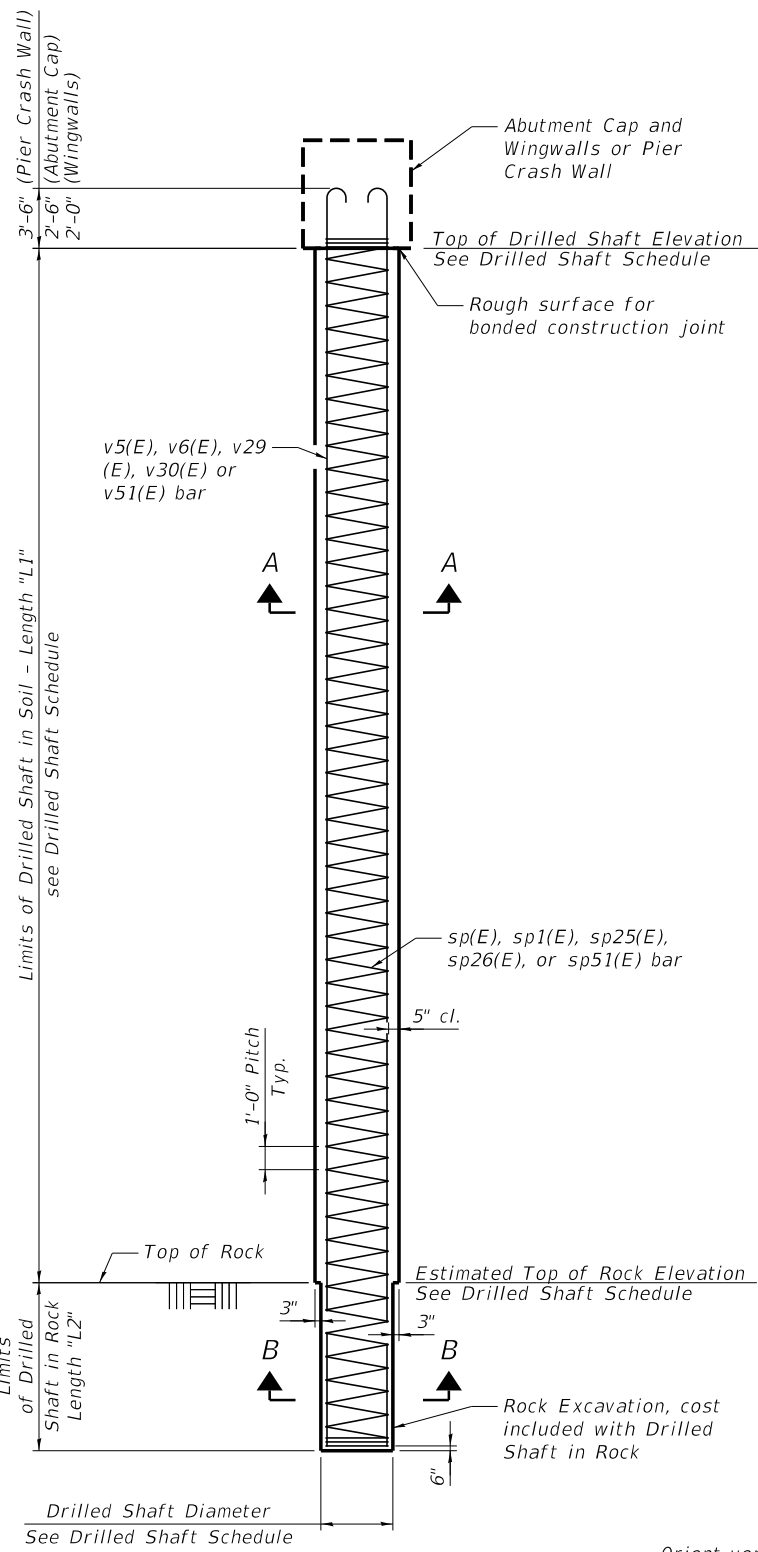
BILL OF MATERIAL - EAST ABUTMENT

Bar	No.	Size	Length	Shape
* sp25(E)	5	#6	42'-8"	WWWW
* sp26(E)	4	#6	42'-8"	WWWW
v29(E)	60	#9	46'-3"	C
v30(E)	48	#9	45'-9"	C
Drilled Shaft in Soil			Cu. Yd.	86.0
Drilled Shaft in Rock			Cu. Yd.	9.8
Reinforcement Bars, Epoxy Coated			Pound	21,780
Thermal Integrity Profile Testing			Each	3
Thermal Integrity Profile Data Collection			Foot	382

* The spiral length shown is the height of the spiral.

BILL OF MATERIAL - PIER

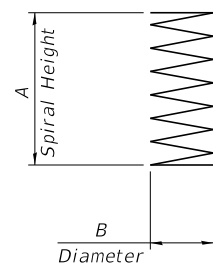
Bar	No.	Size	Length	Shape
* sp51(E)	5	#6	26'-10"	WWWW
v51(E)	60	#11	31'-9"	C
Drilled Shaft in Soil			Cu. Yd.	43.4
Drilled Shaft in Rock			Cu. Yd.	14.3
Reinforcement Bars, Epoxy Coated			Pound	12,780
Thermal Integrity Profile Testing			Each	2
Thermal Integrity Profile Data Collection			Foot	133
Permanent Casing			Foot	37



DRILLED SHAFT ELEVATION

Orient vertical bars to maximize spacing for longitudinal and transverse bars in Abutment Cap and Wingwalls or Pier Crash Wall as approved by the Engineer

Bar	A	B
sp(E)	45'-5"	2'-2"
sp1(E)	45'-5"	2'-2"
sp25(E)	42'-8"	2'-2"
sp26(E)	42'-8"	2'-2"
sp51(E)	26'-10"	3'-2"

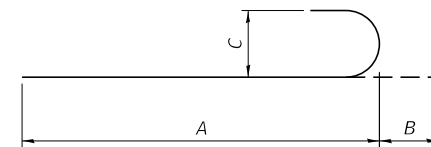


Provide 1 1/2 extra turns at top and bottom. Dimensions are out-to-out. Spiral bar lengths based upon using 30'-0" maximum bar length with 2'-0" minimum lap splices. Extend spiral 2" into substructure unit above.

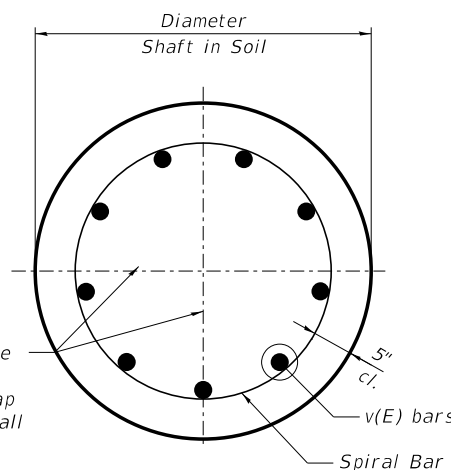
Provide 4-#4 spacers or equivalent.

sp(E) BARS

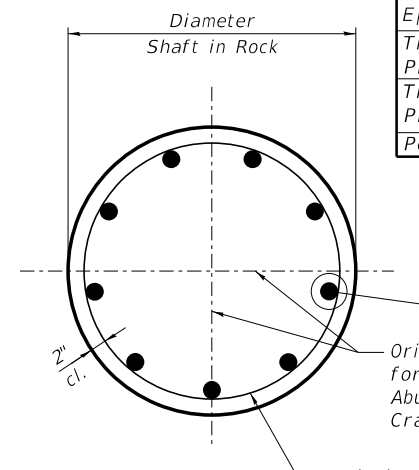
Bar	A	B	C
v5(E)	47'-9"	1'-3"	11 3/4"
v6(E)	47'-3"	1'-3"	11 3/4"
v29(E)	45'-0"	1'-3"	11 3/4"
v30(E)	44'-6"	1'-3"	11 3/4"
v51(E)	30'-2"	1'-7"	1'-2 3/4"



v(E) BARS



SECTION A-A



SECTION B-B

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRILLED SHAFT DETAILS STRUCTURE NO. 099-4666

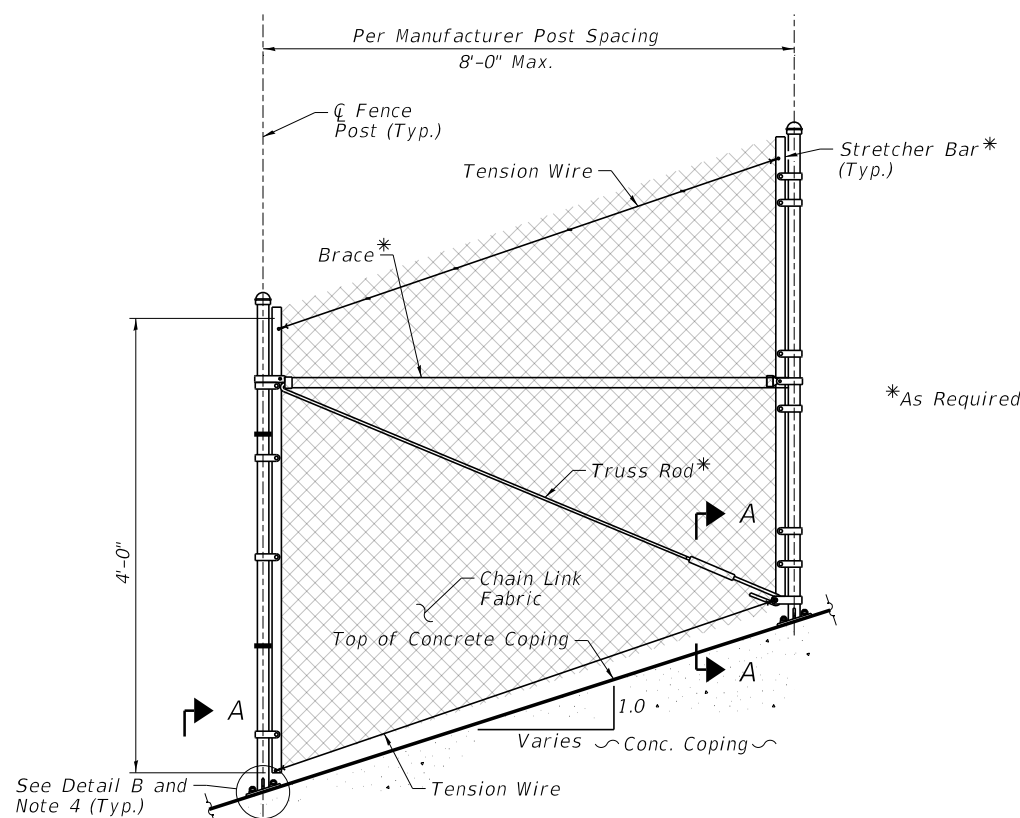
SHEET S35 OF S42 SHEETS

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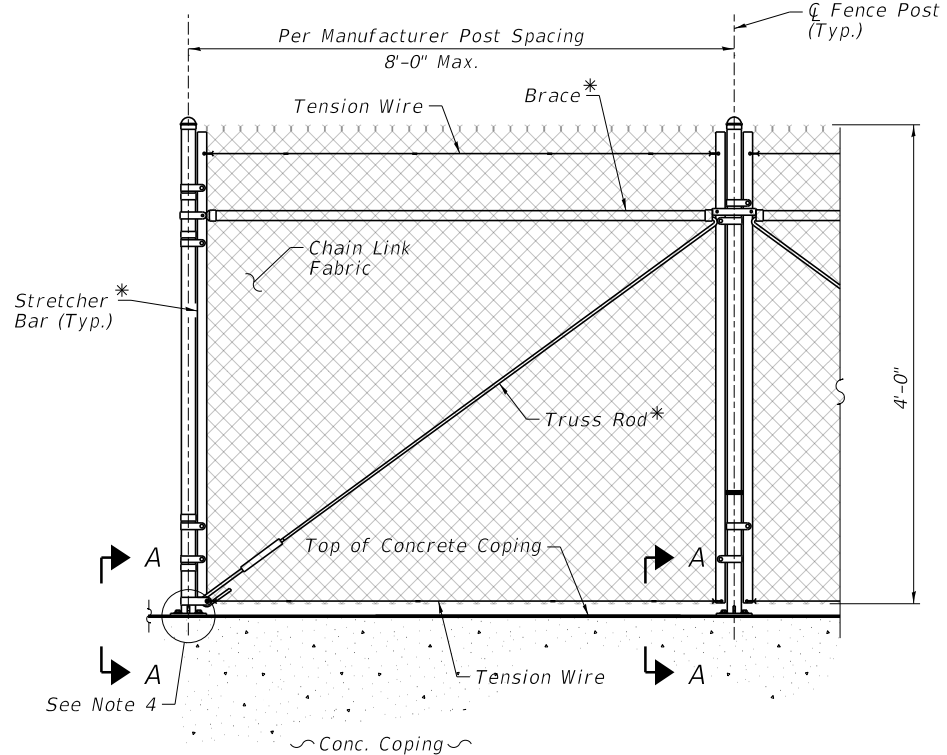


USER NAME	DESIGNED	CHECKED	PLOT SCALE	DATE
dschrk	WKK	JLS		09/18/2020
	REVIS	REVIS		
	REVIS	REVIS		
	REVIS	REVIS		
	REVIS	REVIS		

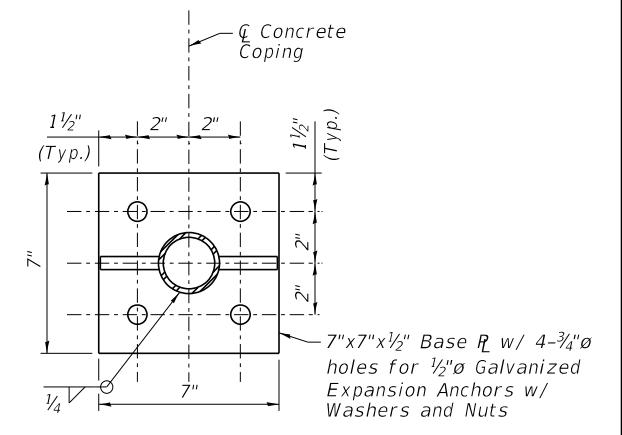
F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	214
CONTRACT NO. 62M63				
FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



CHAIN LINK FENCE ELEVATION
(Along top of Concrete Coping)



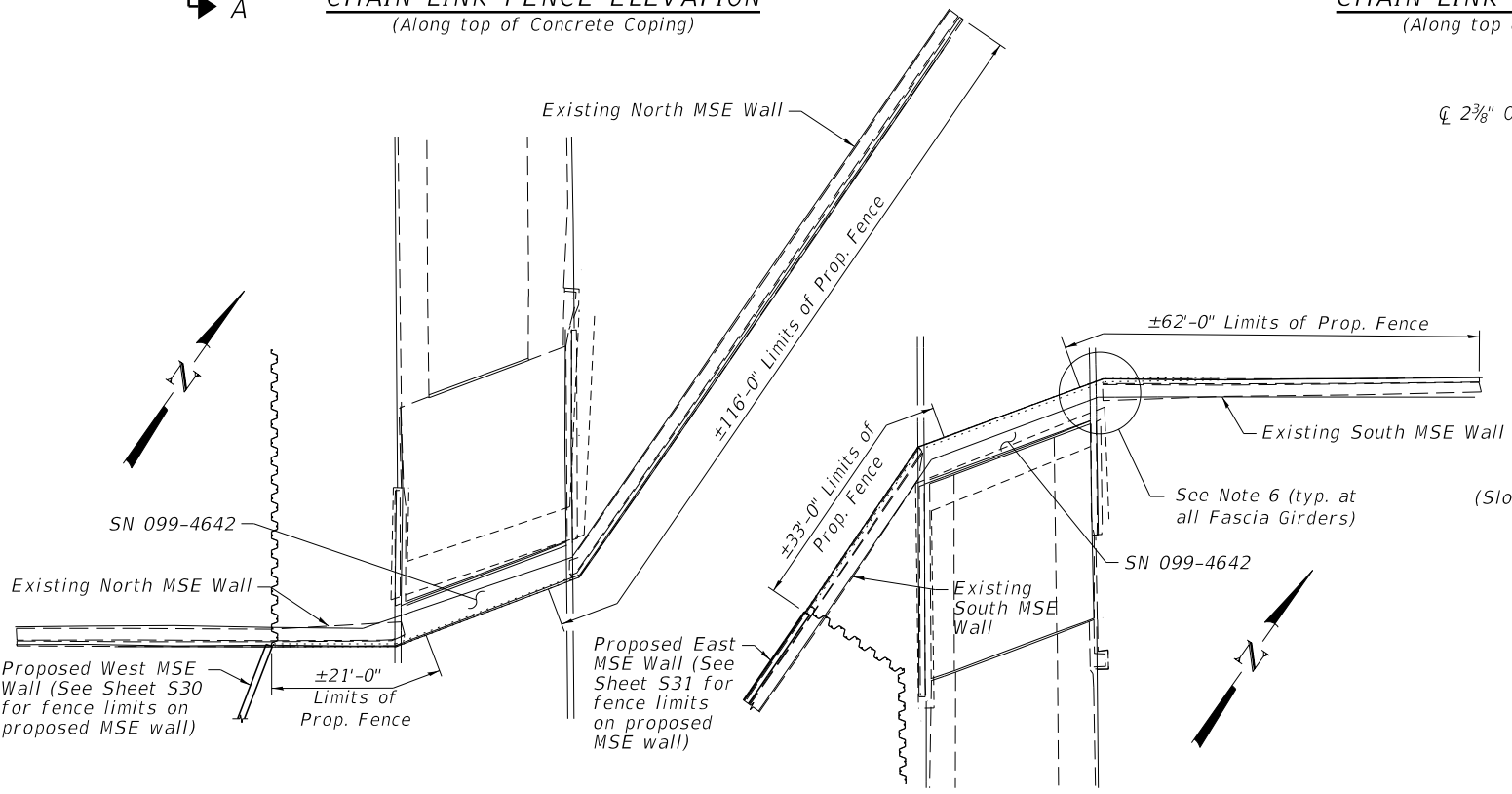
CHAIN LINK FENCE ELEVATION
(Along top of Concrete Coping)



BASE PLATE PLAN

BASE PLATE NOTES:

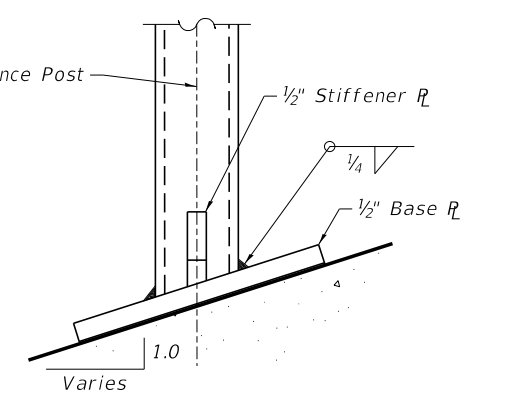
- A. If necessary the size of the base plate and location of the expansion anchors may be adjusted to miss the concrete coping reinforcement.
- B. Base Plates and Stiffeners shall be fabricated from material meeting the requirements of AASHTO M270 Grade 36.
- C. Base Plates, Stiffeners and Posts shall be Hot Dipped Galvanized after fabrication in accordance with AASHTO.
- D. All fabrication shall be per Article 505.04 of the Standard Specifications.
- E. Expansion anchors shall have a minimum embedment of 6 inches.



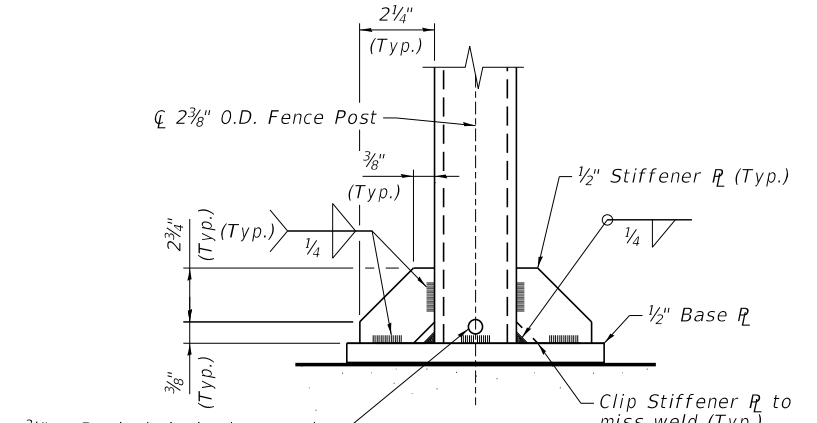
NORTH MSE WALL PLAN

SOUTH MSE WALL PLAN

PROP. FENCE PLAN FOR EXIST. SN 099-4642



DETAIL B
(Sloped Concrete Coping Fence Post base plate connection)



SECTION A-A
(Fence Post base plate connection)

NOTES:

- 1. See IDOT Highway Standard Drawing 664001-02 for additional fence details.
- 2. Fence shall be continuous over concrete coping expansion joints.
- 3. Drill Drain hole to miss fillet weld and prior to galvanizing. Hole shall be drilled as close to the weld as possible.
- 4. Edge distance from a construction or expansion joint in the existing and proposed copings to an expansion anchor shall be per manufacturer's specifications.
- 5. Details shown shall also apply to chain link fence attached to existing MSE wall coping for SN 099-4642. Joint locations in the existing coping shall be measured in the field prior to fabrication of chain link fence details. Cost included with "Chain Link Fence, 4' Attached to Structure".
- 6. At all fence locations, the end posts shall be located 6" min. and 12" max. clear from the bottom flange of the bridge fascia girder.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Chain Link Fence, 4' Attached to Structure	Foot	753

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CHAIN LINK FENCE DETAILS
STRUCTURE NO. 099-4666**

SHEET S36 OF S42 SHEETS

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	2020-192-B	WILL	299	215
CONTRACT NO. 62M63				

FAI 55, FAP 338 ILLINOIS FED. AID PROJECT

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benesch
 Alfred Benesch & Company
 35 W Wacker Drive, Suite 3300
 Chicago, Illinois 60601
 312-465-0450 Job No. 10740

USER NAME	DESIGNED	REVISIONS
ksnyder	EAO	-
	DTS	-
	AJB	-
	DTS	-

DATE 09/18/2020

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	608	347
STA. TO STA.		FED. AID PROJECT		
* 125, 26HB-1 & 1141 R-2		CONTRACT NO. 60363		

BENCHMARK:
TBM#1 Top of a large nail set in the east face of power pole on west side of West Frontage Rd. near @ Interstate 55 Sta. 116+00. El. 595.91.

EXISTING STRUCTURE:
S.N. 099-0030 Four span, 269'-8" back to back of abutments, continuous steel multi-beam bridge on multi-column concrete piers and open abutments. 26' between barriers. Existing structure is approximately 2500' north of proposed structure.

SALVAGE:
None.

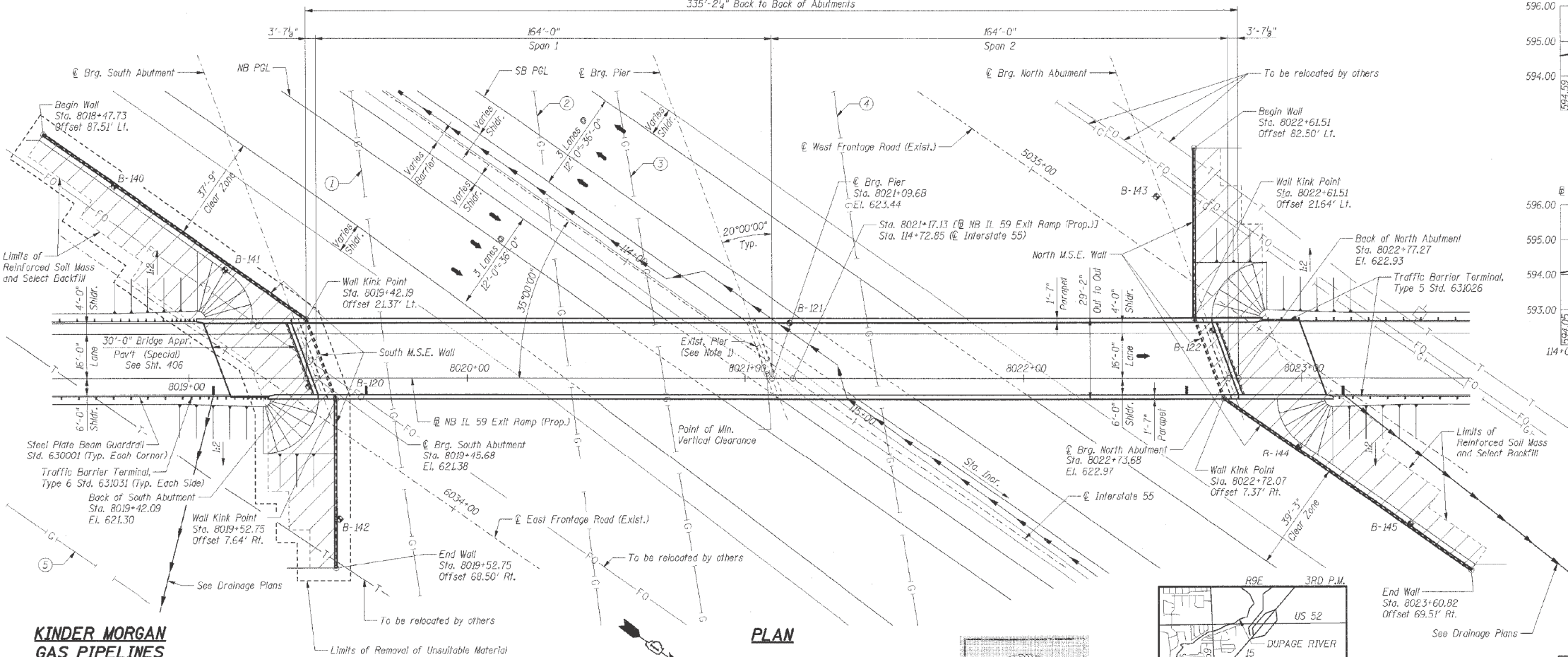
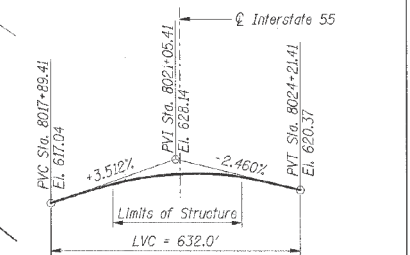
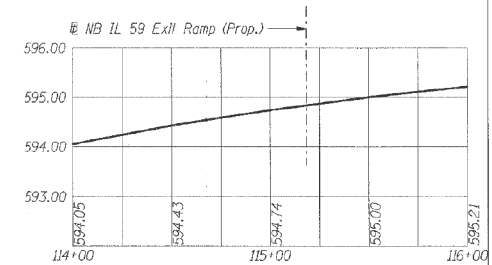
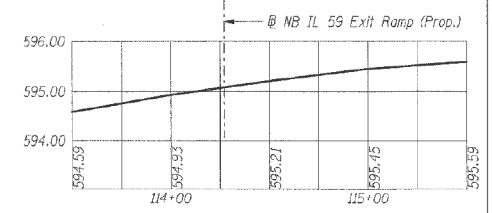
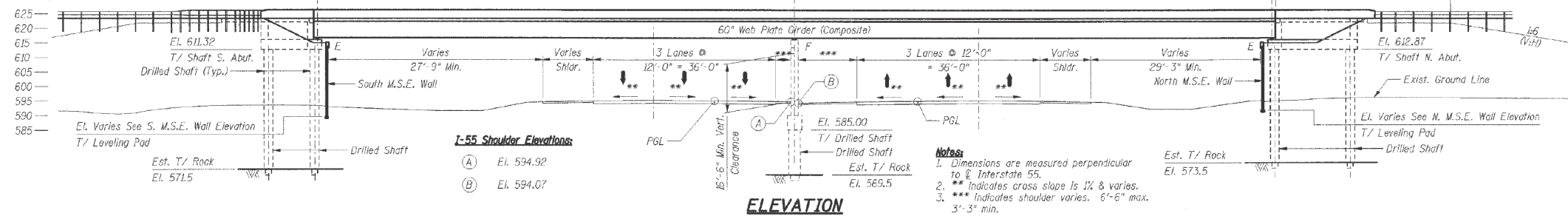
STAGING:
Traffic will be maintained on existing NB IL 59 Exit Ramp until proposed structure is constructed. Frontage roads will be relocated prior to construction of proposed structure.

DESIGN SPECIFICATIONS:
2002 AASHTO Standard Specifications for Highway Bridges

DESIGN LOADING:
Roadway Live Load: HS 20-44
Future Wearing Surfaces = 50 psf

DESIGN STRESSES:
Concrete, $f'_c = 3,500$ psi
Reinforcement, $f_y = 60,000$ psi
Structural Steel, $f_y = 50,000$ psi (M 270 Grade 50)

SEISMIC DATA:
Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.04g
Site Coefficient (S) = 1.0



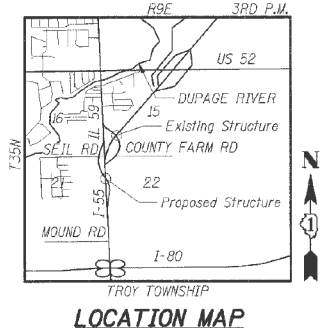
KINDER MORGAN GAS PIPELINES

ID	DESIGNATION	DIAMETER
1	GC #1	30"
2	AM #4	36"
3	AM #2	24"
4	GC #3	36"
5	GC #2	36"

LEGEND

- B-0 Soil Boring Location
- T- Exist. Telephone Line
- G- Exist. Gas Line
- FO- Exist. Fiber Optic Line
- E- Exist. Electrical Pole
- P- Prop. Storm Sewer
- I- Drainage Scupper or Inlet

Notes:
1. Center pier constructed under a separate previous contract (Contract 62895).



SHT. S-1 OF S-24

REVISIONS	DATE
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 338 (ILLINOIS ROUTE 59)
IL ROUTE 59 OVER F.A.I. 55 (I-55)
SECTION (26, 26HB-1 & 114) R-2
STRUCTURE NUMBER 099-4642
STATION 802+17.13, WILL COUNTY
GENERAL PLAN AND ELEVATION

DATE: 03/14/08
DRAWN BY: TMH
CHECKED BY: MDB
TENG

FOR INFORMATION ONLY



USER NAME: ksnlder	DESIGNED: EAO	REVISIONS:
PLOT SCALE:	CHECKED: DTS	REVISIONS:
DATE: 09/18/2020	DRAWN: AJB	REVISIONS:
	CHECKED: DTS	REVISIONS:

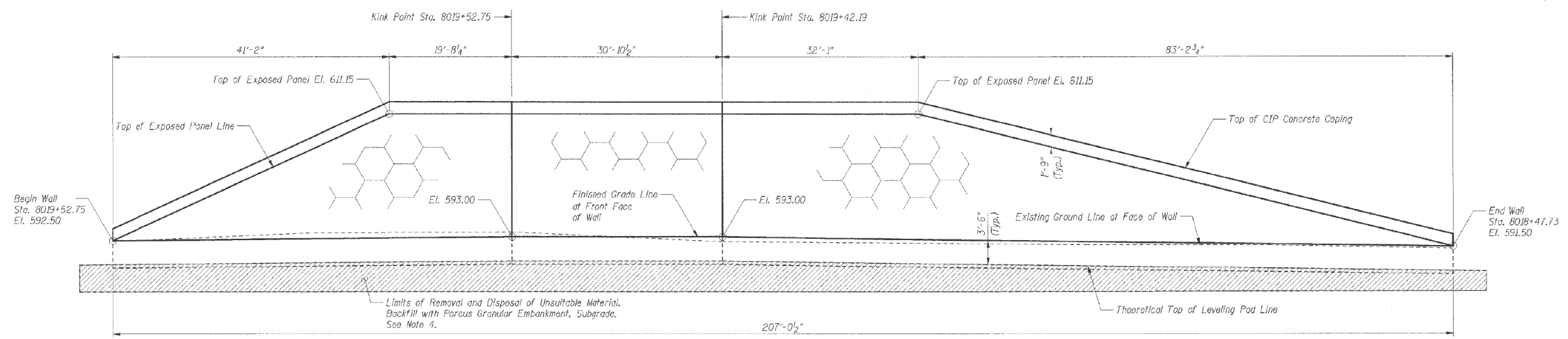
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SN 099-4642 PLANS (1 OF 3)
STRUCTURE NO. 099-4666

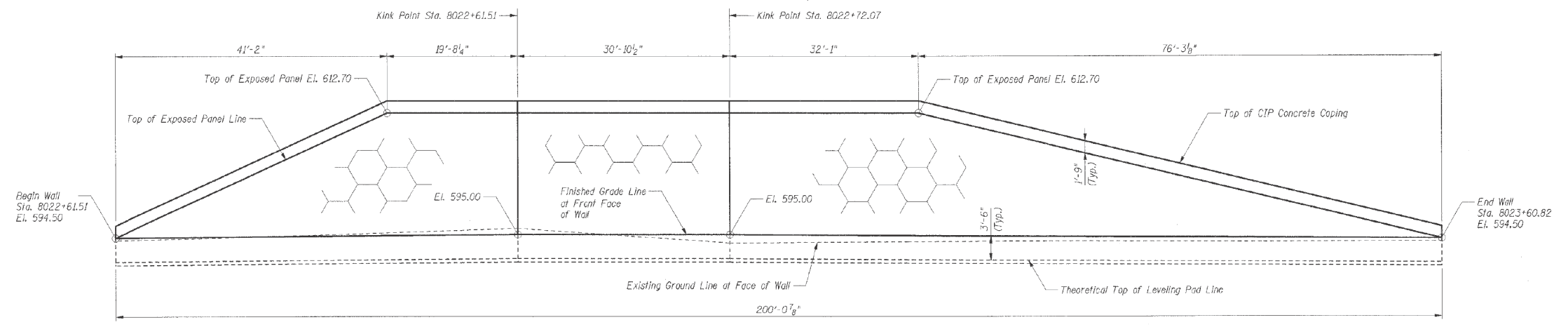
SHEET S37 OF S42 SHEETS

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	2020-192-B	WILL	299	216
F.A.I. 55, FAP 338		ILLINOIS		FED. AID PROJECT
CONTRACT NO. 62M63				

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59		WILL	608	367
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* (26, 26HB-1 & 114) R-2				
CONTRACT NO. 60363				



SOUTH M.S.E. WALL
(Developed Elevation)



NORTH M.S.E. WALL
(Developed Elevation)

- Notes:**
1. Work this sheet with Sht. S-22.
 2. For plans of walls, see Sht. S-1.
 3. Wall alignment offsets and stations are referenced to Front Face of wall. See Typical MSE wall Sections, Sht. S-22.
 4. Unsuitable material shall be removed from within the limits shown at a minimum and as directed by the Engineer; and backfilled with Porous Granular Embankment, Subgrade. Removal and Disposal of Unsuitable Material will be measured in its original position by taking cross-sections after removal has been completed and then computing volume in cubic yards by average end area method. Porous Granular Embankment, Subgrade will be paid for at the same volume as Removal and Disposal of Unsuitable Material. Removal and backfill beyond 10:1 excavation slope will not be measured for payment. Pavement removal will be measured and paid for separately, and shall not be included for payment with Removal and Disposal of Unsuitable Material.

SHT. S-21 OF S-24

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 338 (ILLINOIS ROUTE 59)
IL ROUTE 59 OVER F.A.I. 55 (I-55)
SECTION (26, 26HB-1 & 114) R-2
STRUCTURE NUMBER 099-4642
STATION 8021+17.13, WILL COUNTY

MSE WALL ELEVATIONS

DATE: 03/14/08

DRAWN BY: CCE
CHECKED BY: TMH

TENG

TENG & ASSOCIATES, INC.
300 NORTH LA SALLE STREET, SUITE 200
CHICAGO, ILLINOIS 60610
TEL: 312.587.8800

FOR INFORMATION ONLY

MODEL: D:\p\aut...
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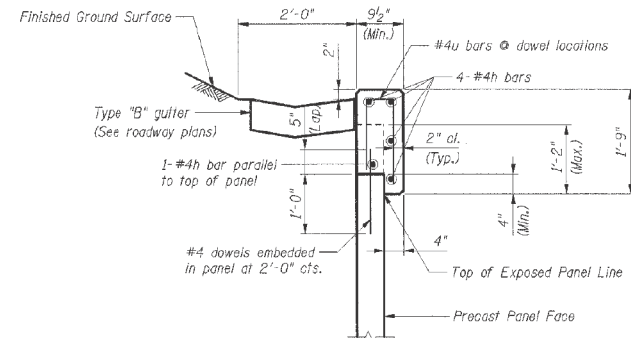
USER NAME	ksnlr	DESIGNED	EAO	REVISED	-
		CHECKED	DTS	REVISED	-
PLOT SCALE		DRAWN	AJB	REVISED	-
DATE	09/18/2020	CHECKED	DTS	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SN 099-4642 PLANS (2 OF 3)
STRUCTURE NO. 099-4666
SHEET 538 OF 542 SHEETS

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	217
CONTRACT NO. 62M63				
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

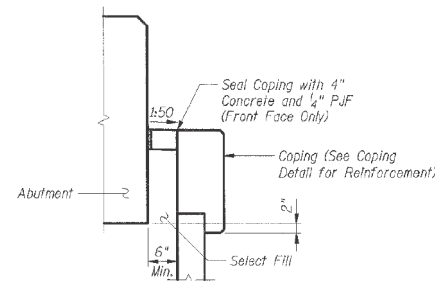
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	608	368
STA.	TO STA.			
FEB. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* (26, 26HB-1 & 114) R-2				
CONTRACT NO. 60363				



COPING DETAIL

The cost of concrete and reinforcement for coping shall be included with Mechanically Stabilized Earth Retaining Wall.

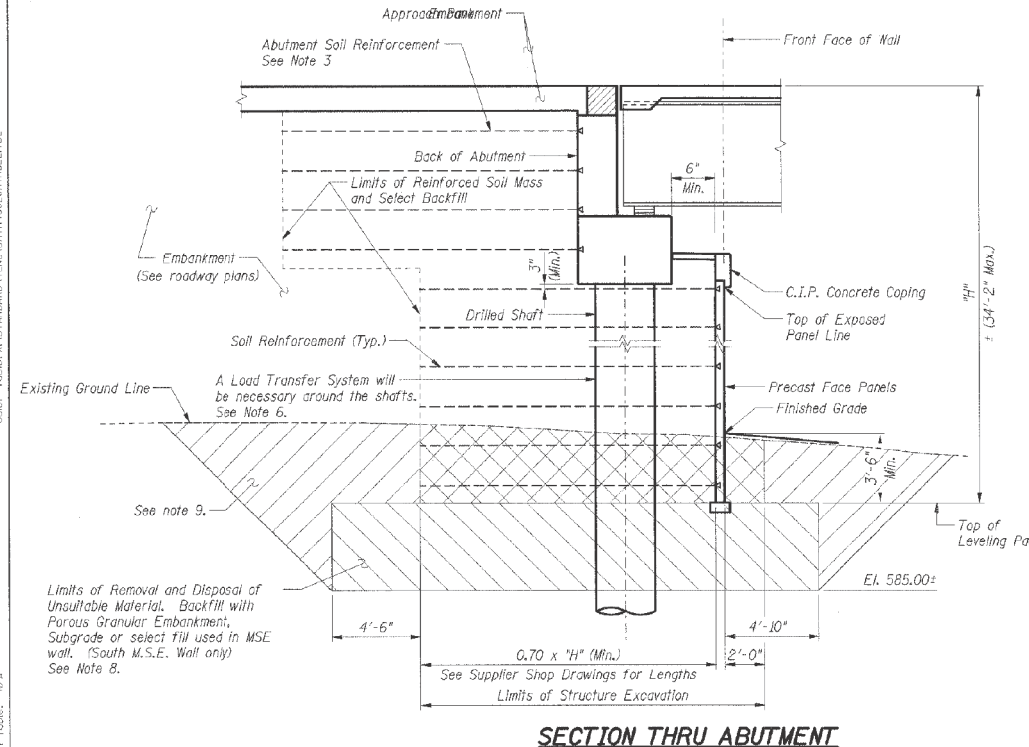
The cost of 4" concrete seal and 1/4" P.F. shall be included with Mechanically Stabilized Earth Retaining Wall.



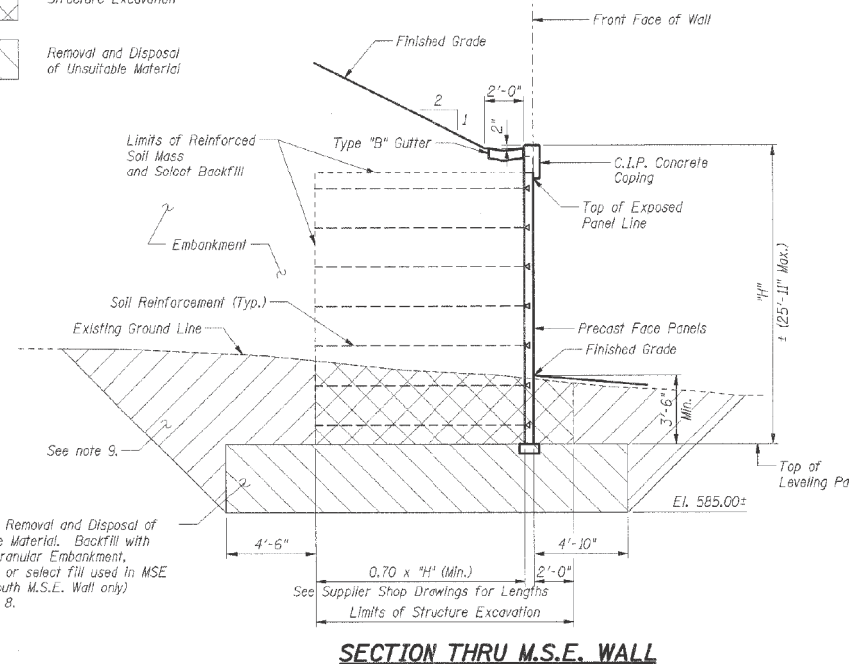
ABUTMENT DETAIL

LEGEND

- Overexcavation
- Structure Excavation
- Removal and Disposal of Unsuitable Material



SECTION THRU ABUTMENT



SECTION THRU M.S.E. WALL

Notes

1. Work this sheet with Sht. S-21.
2. For plans of walls, see Sht. S-1.
3. MSE Wall supplier shall design and supply system to transfer earth pressure of 40 psf equivalent fluid weight to the back of abutment and backwall, plus a longitudinal force of 15.5 k transmitted by the bearings applied to the bridge seats.
4. Finish grade indicated is finished grade line at front face of the wall.
5. Drilled Shafts shall be constructed prior to placement of reinforced select backfill.
6. MSE Wall supplier to design load transfer system to accommodate drilled shafts.
7. Wall alignment stations and offsets are referenced to front face of wall. See typical section this sheet.
8. Unsuitable material shall be removed from within the limits shown at a minimum and as directed by the Engineer; and backfilled with Porous Granular Embankment, Subgrade. Removal and Disposal of Unsuitable Material will be measured in its original position by taking cross-sections after removal has been completed and then computing volume in cubic yards by average end area method. Porous Granular Embankment, Subgrade will be paid for at the same volume as Removal and Disposal of Unsuitable Material. Pavement removal will be measured and paid for separately, and shall not be included for payment with Removal and Disposal of Unsuitable Material.
9. Overexcavation beyond structure excavation and removal of unsuitable material. This area not measured for payment. Backfill overexcavation with same material used for Porous Granular Embankment, Subgrade or select fill used in MSE wall.

BILL OF MATERIAL

Item	Unit	Total
Removal and Disposal of Unsuitable Material	Cu Yd	898
Porous Granular Embankment, Subgrade	Cu Yd	898
Structure Excavation	Cu Yd	1,104
Mechanically Stabilized Earth Retaining Wall	Sq Ft	6,676

SHT. S-22 OF S-24

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 338 (ILLINOIS ROUTE 59)
 IL ROUTE 59 OVER F.A.I. 55 (I-55)
 SECTION (26, 26HB-1 & 114) R-2
 STRUCTURE NUMBER 099-4642
 STATION 8021+17.13, WILL COUNTY

MSE WALL DETAILS AND BILL OF MATERIAL

DATE: 03/14/08 DRAWN BY: CCE CHECKED BY: TMH

TENG TENG & ASSOCIATES, INC.
 1155 W. WASHINGTON STREET, CHICAGO, ILLINOIS 60607
 TEL: (773) 235-8800

FOR INFORMATION ONLY

USER NAME	ksnlr	DESIGNED	EAO	REVISED	
		CHECKED	DTS	REVISED	
PLOT SCALE		DRAWN	AJB	REVISED	
DATE	09/18/2020	CHECKED	DTS	REVISED	

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	218
CONTRACT NO. 62M63				
* FAI 55, FAP 338		ILLINOIS	FED. AID PROJECT	



SOIL BORING LOG

ROUTE I-55 and IL 59 DESCRIPTION IL 59 NB DDI over I-55 LOGGED BY MH

SECTION 2018-075-R LOCATION I-55 NB off shoulder, SEC., TWP., RNG. Latitude, Longitude

COUNTY WILL DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. SN 099-4666 Station 8018+16.41 BORING NO. BSB-01 Station 265+91.58 Offset 108.95ft RT Ground Surface Elev. 591.47 ft

Table with columns for Depth (ft), Blows (6"), SPT (tsf), Moisture (%), and Soil Description. Includes entries for Topsoil, Sand and Gravel, Silty Clay, and Limestone fragments.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE I-55 and IL 59 DESCRIPTION IL 59 NB DDI over I-55 LOGGED BY MH

SECTION 2018-075-R LOCATION I-55 NB off shoulder, SEC., TWP., RNG. Latitude, Longitude

COUNTY WILL DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. SN 099-4666 Station 8018+16.41 BORING NO. BSB-02 Station 267+93.12 Offset 97.32ft RT Ground Surface Elev. 592.16 ft

Table with columns for Depth (ft), Blows (6"), SPT (tsf), Moisture (%), and Soil Description. Includes entries for Topsoil, Silty Clay, and Sand.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE I-55 and IL 59 DESCRIPTION IL 59 NB DDI over I-55 LOGGED BY TEK

SECTION 2018-075-R LOCATION I-55 SB off shoulder, SEC., TWP., RNG. Latitude, Longitude

COUNTY WILL DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. SN 099-4666 Station 8018+16.41 BORING NO. BSB-03 Station 269+16.18 Offset 130.62ft LT Ground Surface Elev. 592.04 ft

Table with columns for Depth (ft), Blows (6"), SPT (tsf), Moisture (%), and Soil Description. Includes entries for Topsoil, Silty Clay, and Limestone.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)

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Table with columns for USER NAME, DESIGNED, CHECKED, PLOT SCALE, DATE, REVISED, and CHECKED.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS (1 OF 3) STRUCTURE NO. 099-4666

SHEET 540 OF 542 SHEETS

Table with columns for F.A./P.RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., and CONTRACT NO.



Illinois Department of Transportation
Division of Highways
GSG Consultants, Inc.

SOIL BORING LOG

Page 1 of 1

ROUTE I-55 and IL 59 DESCRIPTION IL 59 NB DDI over I-55 LOGGED BY NP

SECTION 2018-075-R LOCATION I-55 SB off shoulder, SEC. TWP., RNG. Latitude, Longitude

COUNTY WILL DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. SN 099-4666 Station 8018+16.41
BORING NO. BSB-04 Station 271+26.70 Offset 100.52R LT
Ground Surface Elev. 595.02 ft

DEPTH (ft)	B (ft)	U (tsf)	M (%)	SOIL AND ROCK DESCRIPTION	DEPTH (ft)	B (ft)	U (tsf)	M (%)
0				5 inches of Topsoil	0			
4				Brown, Very Moist FILL: SILTY CLAY, trace gravel and organics	4			
5	3.5		27		5	3.5		27
6	B				6	B		
591.52				Very Stiff to Hard Brown and Gray, Very Moist SILTY CLAY, trace gravel and sand (CL/ML)	2			
					4	3.0		25
					5	P		
					3			
					5	5.4		26
					7	B		
					2			
					3	2.1		31
					5	B		
584.02				Hard Gray, Moist SILTY CLAY, trace gravel and sand (CL/ML)	4			
					7	5.8		20
					10	B		
					3			
					6	3.3		19
					8	B		
579.02				Hard Gray, Moist SILTY CLAY LOAM, trace gravel and sand (ML/CL)	6			
					15	4.5		18
					17	P		
					4			
					6	4.5		23
					8	P		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)



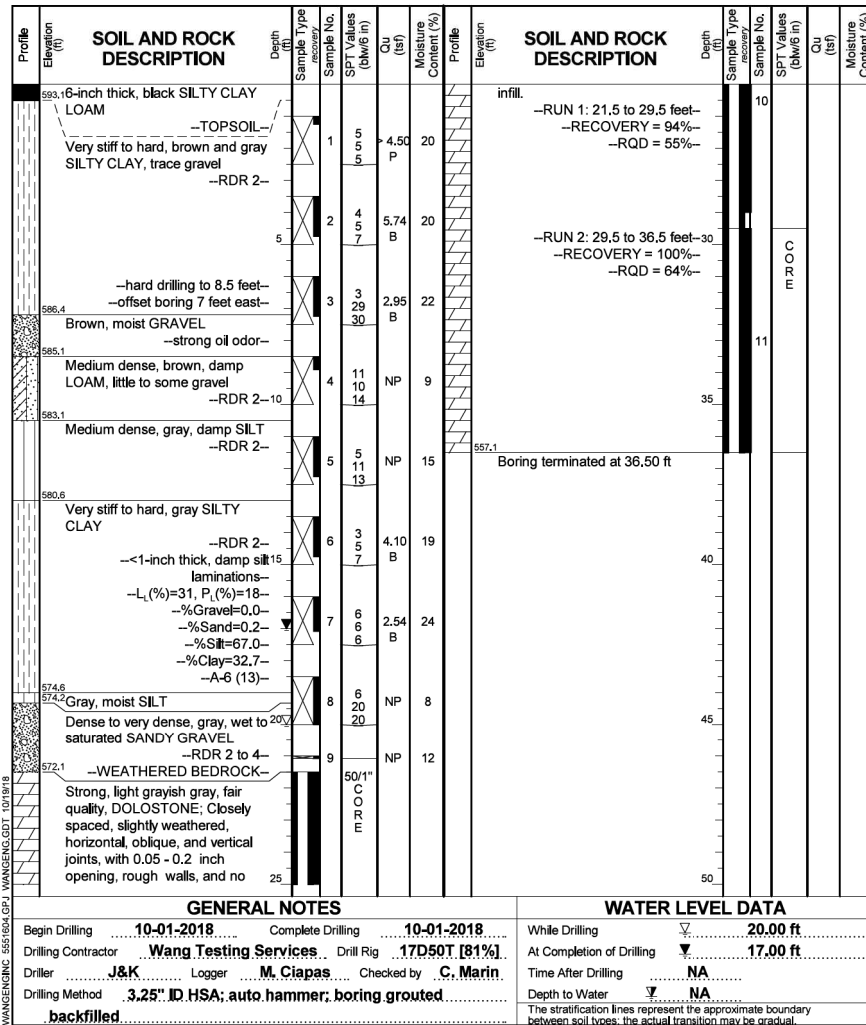
BORING LOG SB-01

Page 1 of 1

wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: (630) 953-9928
Fax: (630) 953-9938

Client IDOT
Project I-55 at IL 59
Location Will County, IL

Datum: NAVD 88
Elevation: 593.57 ft
North: 1781463.96 ft
East: 1021245.35 ft
Station: NA
Offset: NA



GENERAL NOTES
Begin Drilling 10-01-2018 Complete Drilling 10-01-2018
Drilling Contractor Wang Testing Services Drill Rig 17D50T [81%]
Driller J&K Logger M. Ciapas Checked by C. Marin
Drilling Method 3.25" ID HSA; auto hammer; boring grouted
backfilled

WATER LEVEL DATA
While Drilling 20.00 ft
At Completion of Drilling 17.00 ft
Time After Drilling NA
Depth to Water NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



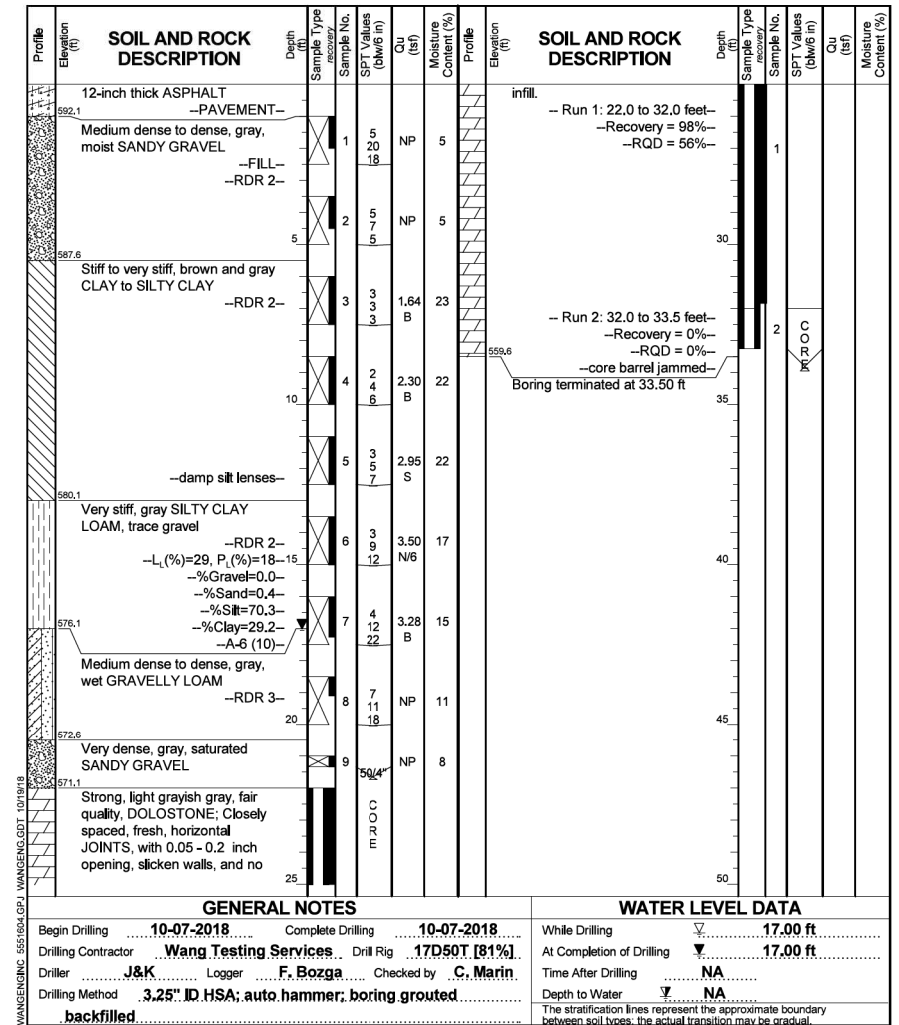
BORING LOG SB-02

Page 1 of 1

wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: (630) 953-9928
Fax: (630) 953-9938

Client IDOT
Project I-55 at IL 59
Location Will County, IL

Datum: NAVD 88
Elevation: 593.07 ft
North: 1781306.37 ft
East: 1021297.20 ft
Station: NA
Offset: NA



GENERAL NOTES
Begin Drilling 10-07-2018 Complete Drilling 10-07-2018
Drilling Contractor Wang Testing Services Drill Rig 17D50T [81%]
Driller J&K Logger F. Bozga Checked by C. Marin
Drilling Method 3.25" ID HSA; auto hammer; boring grouted
backfilled

WATER LEVEL DATA
While Drilling 17.00 ft
At Completion of Drilling 17.00 ft
Time After Drilling NA
Depth to Water NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

NOTES:

- Soil Boring Log SB-01 is located at Sta. 8016+44.81, 57.24' LT.
- Soil Boring Log SB-02 is located at Sta. 8018+2.09, 4.44' LT.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS (2 OF 3)
STRUCTURE NO. 099-4666

SHEET S41 OF S42 SHEETS

F.A.I.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	220
CONTRACT NO. 62M63				

FAI 55, FAP 338 ILLINOIS FED. AID PROJECT



Alfred Benesch & Company
35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312-465-9450 Job No. 10740

USER NAME	DESIGNED	REVISIONS
ksnlr	WKK	
	JLS	
	AJB	
	JLS	

MODEL: D:\ref\aut...
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Wang Engineering
 wangeng@wangeng.com
 1145 N Main Street
 Lombard, IL 60148
 Telephone: (630) 953-9928
 Fax: (630) 953-9938

BORING LOG SB-03

WEI Job No.: 555-16-04

Client: **IDOT**
 Project: **I-55 at IL 59**
 Location: **Will County, IL**

Datum: NAVD 88
 Elevation: 594.79 ft
 North: 1761218.45 ft
 East: 1021359.88 ft
 Station: NA
 Offset: NA

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
592.8	12-inch thick ASPHALT PAVEMENT						592.8	Closely spaced, slightly weathered, horizontal, oblique, and vertical JOINTS, with 0.05 - > 0.2 inch opening, slicken to slightly rough walls, and 0 - 0.2 inch thick sand infill.					
	Stiff, black SILTY CLAY, trace gravel	1	1	1.64	31			Close to 38.0 feet					
	-FILL- -RDR 2-							-RUN #1: 23.0 to 33.0 feet- -RECOVERY = 98%- -RQD = 58%-					
	-L _v (%)=56, P _v (%)=21- -%Gravel=0.1- -%Sand=6.3- -%Silt=61.8- -%Clay=31.8- -A-7-6 (36)-	2	2	1.56	28			-RUN #2: 33.0 to 38.0 feet- -RECOVERY = 98%- -RQD = 32%-					
589.3	Loose, brown, wet SANDY LOAM, some gravel	3	3	NP	18								
588.8	Loose, brown, wet GRAVELLY SAND	4	4	NP	18								
584.3	Very stiff to hard, gray SILTY CLAY, trace gravel	5	5	3.94	21								
	-RDR 2-												
	-RDR 2-10												
	-Qu = 1.5 tsf-												
578.6	Dense to very dense, gray, damp to moist SILTY LOAM, some gravel	7	7	25	15	7							
	-RDR 2 to 4- -hard drilling; slow advancement-												
	-RDR 2-												
	-RDR 2-												
572.8	Brown DOLOSTONE fragments	9	9	13	21	10							
	-very hard, steady drilling- -WEATHERED BEDROCK-												
571.8	Strong, light grayish gray, very poor quality, DOLOSTONE;	10	10	50	2								
	-hard drilling; slow advancement-												

GENERAL NOTES

WATER LEVEL DATA

Begin Drilling	10-02-2018	Complete Drilling	10-02-2018	While Drilling	5.50 ft
Drilling Contractor	Wang Testing Services	Drill Rig	17D50T [81%]	At Completion of Drilling	17.00 ft
Driller	J&K	Logger	M. Ciapas	Time After Drilling	NA
Drilling Method	3.25" ID HSA; auto hammer; boring grouted	Checked by	C. Marin	Depth to Water	NA
	backfilled			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS (3 OF 3)
STRUCTURE NO. 099-4666**

NOTE:
Soil Boring Log SB-03 is located at Sta. 8019+10.13, 2.00' LT.

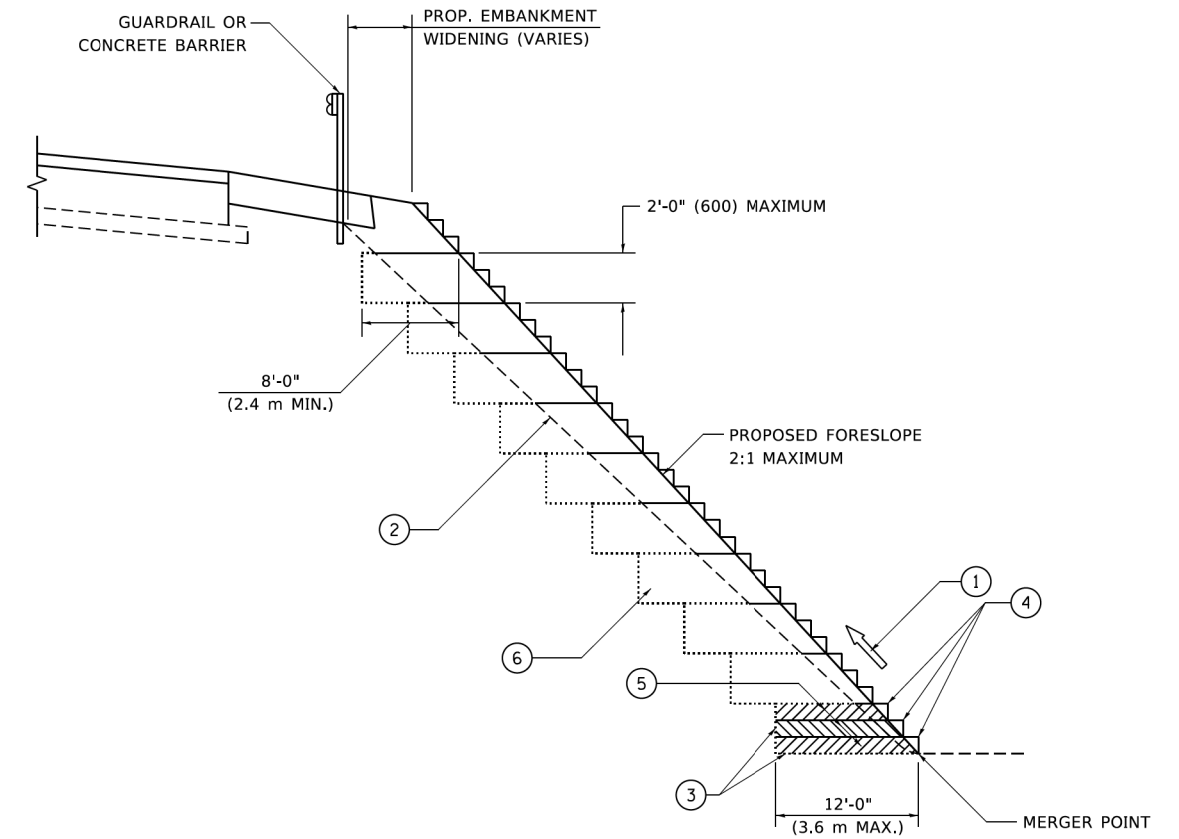


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PLOT SCALE	-	CHECKED	- JLS	REVISED	-
DATE	09/18/2020	DRAWN	- AJB	REVISED	-
		CHECKED	- JLS	REVISED	-

SHEET S42 OF S42 SHEETS

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	221
CONTRACT NO. 62M63				
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

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**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

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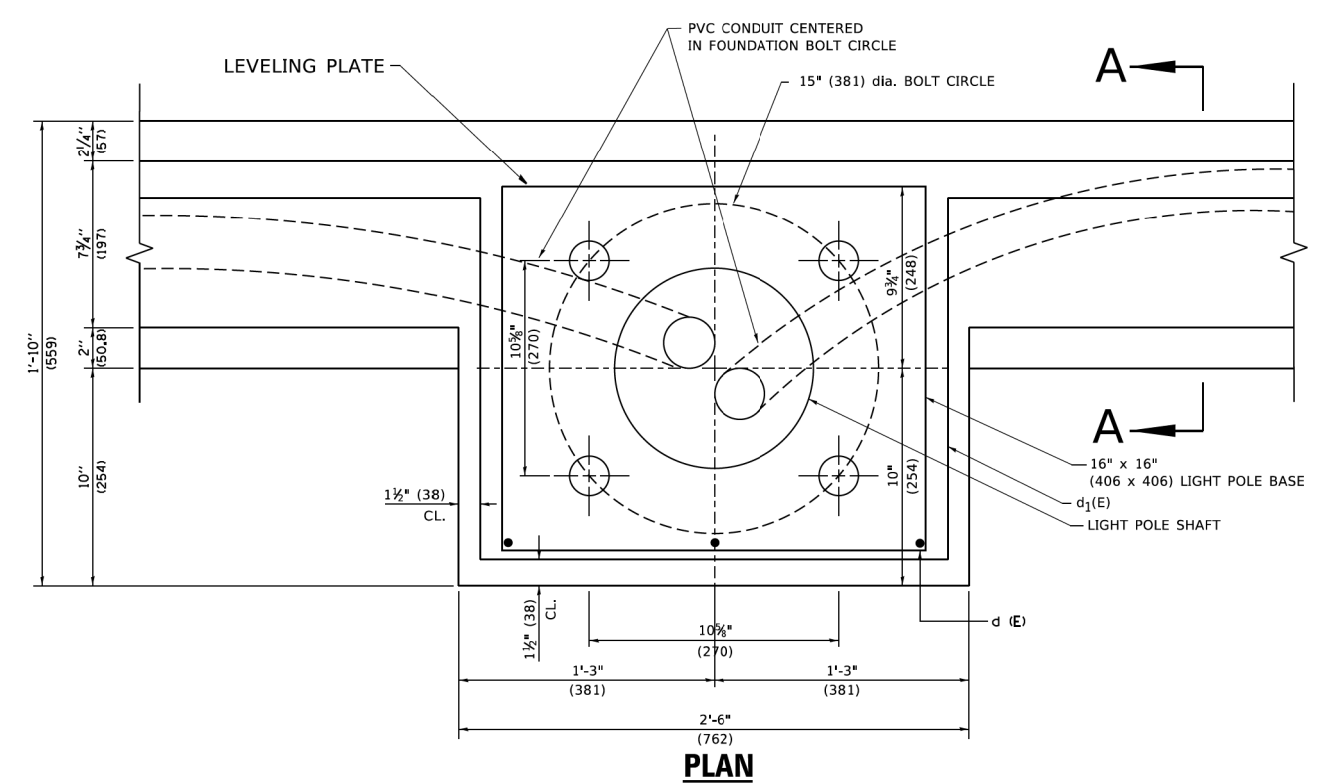
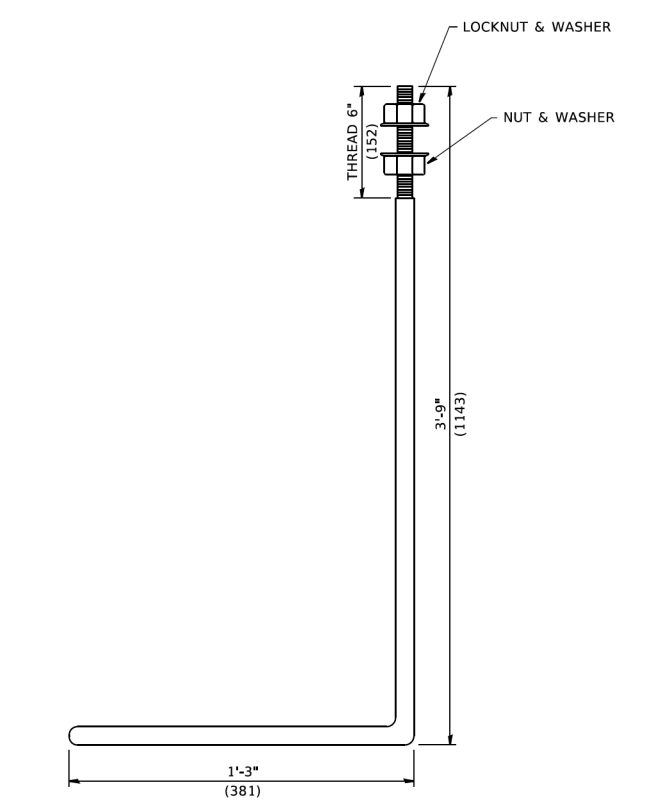
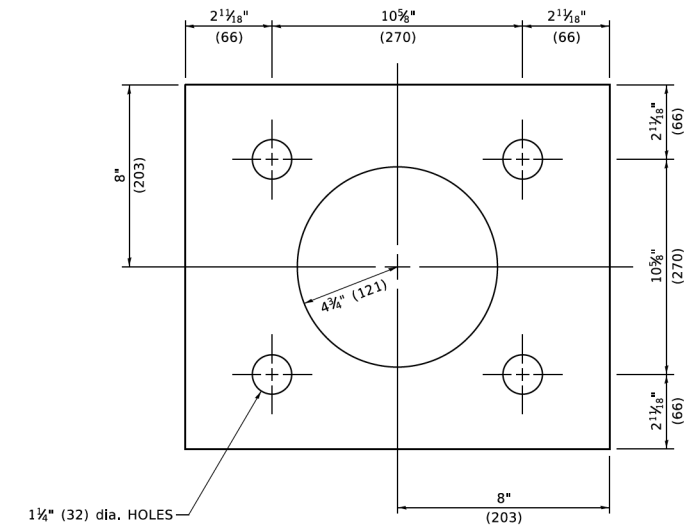
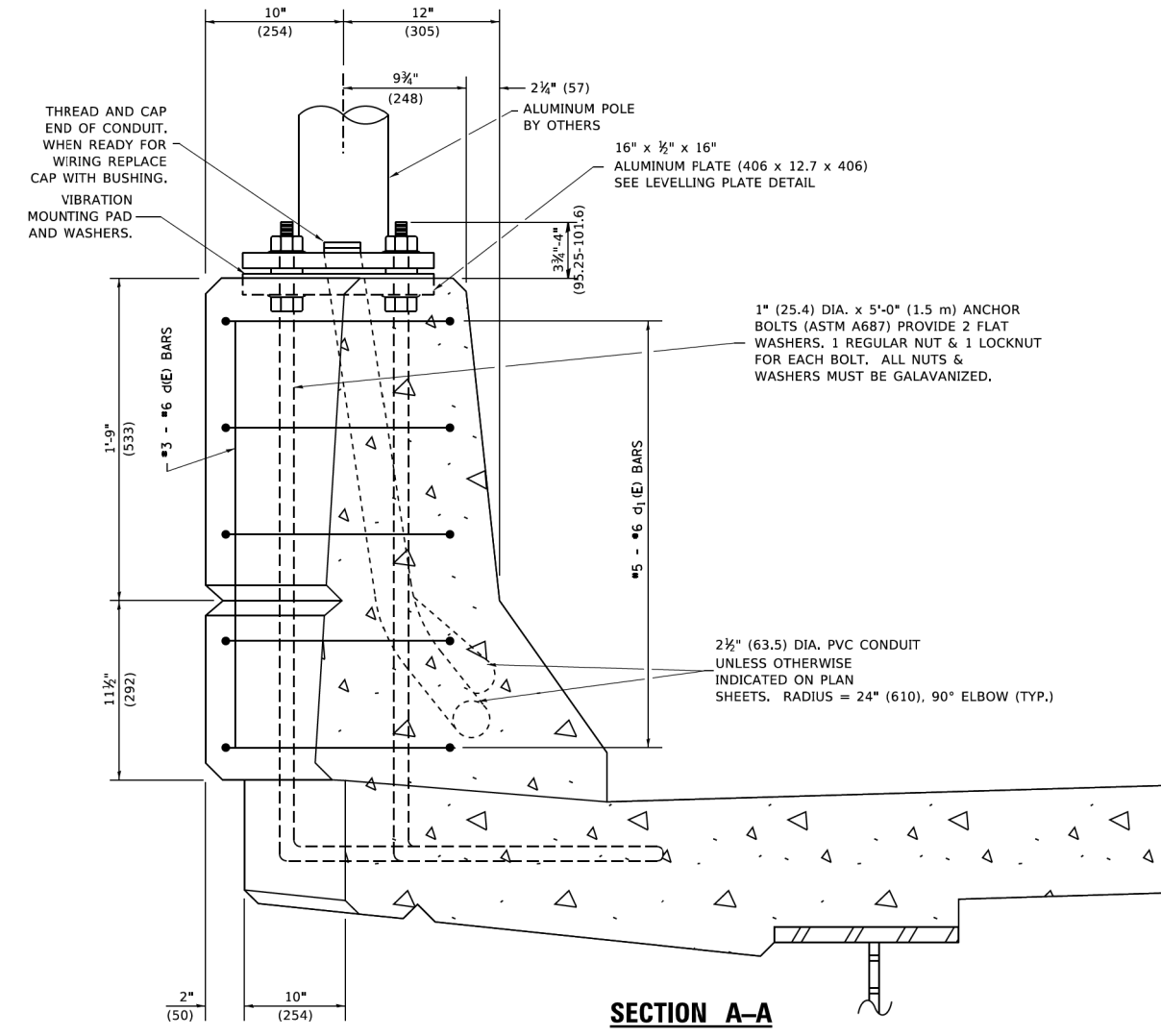
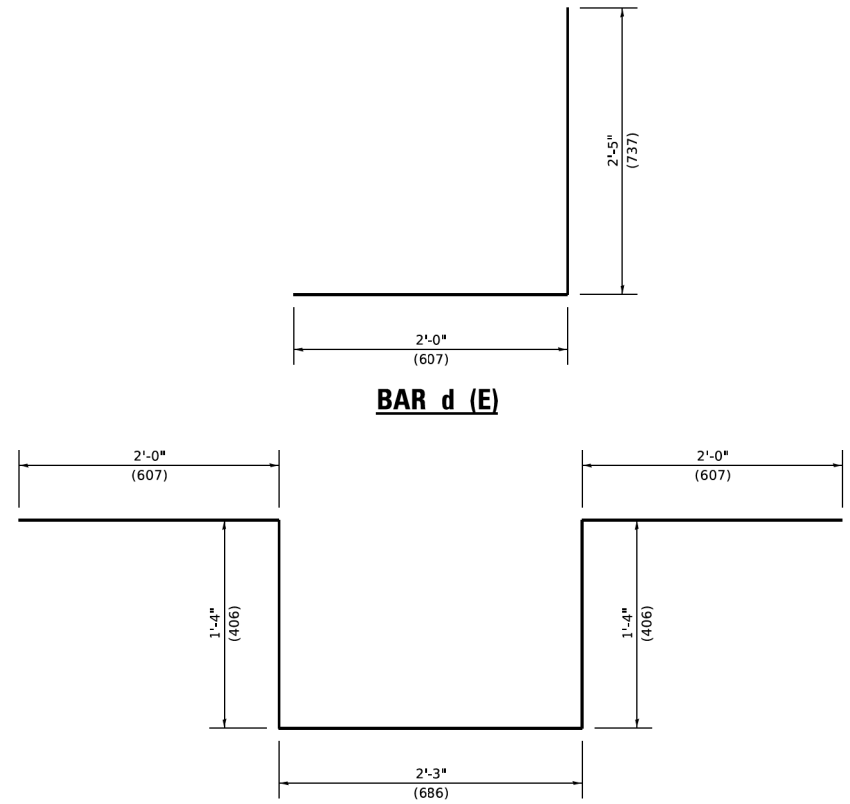
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	DATE - 06-16-04	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BENCHING DETAIL
FOR EMBANKMENT WIDENING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	222
BD-51			CONTRACT NO. 62M63	
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



- NOTES**
1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
 2. LEVEL LIGHT POLE PLATES, USING THE FLANGE NUTS, PRIOR TO POURING THE PARAPET WALL. THE TOP OF THE PLATE SHALL BE AT THE SAME ELEVATION AS THE FINISHED CONCRETE PARAPET.
 3. THE COST OF ANCHOR BOLTS, CONDUIT, LEVELLING PLATE AND FOUNDATION IS INCLUDED IN THE COST OF THE BRIDGE STRUCTURE.

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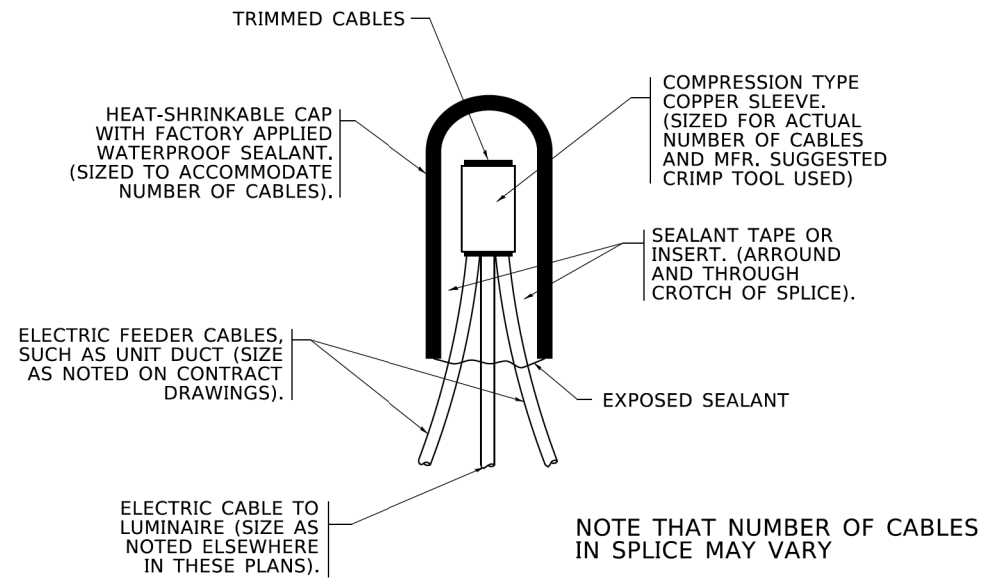
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PLOT DATE = 4/19/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LIGHT POLE MOUNTED ON CONCRETE PARAPET WALL
 15" (381 mm) BOLT CIRCLE**

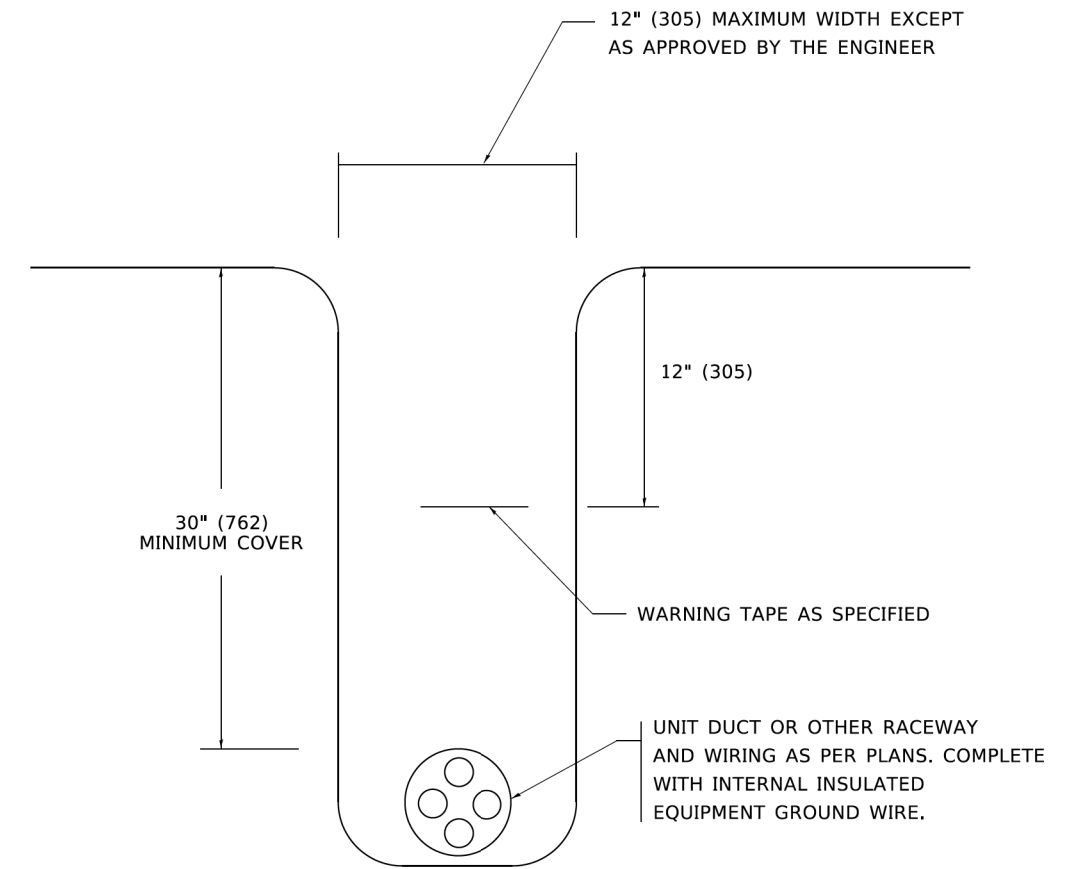
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F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BE-330		CONTRACT NO. 62M63		
* FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

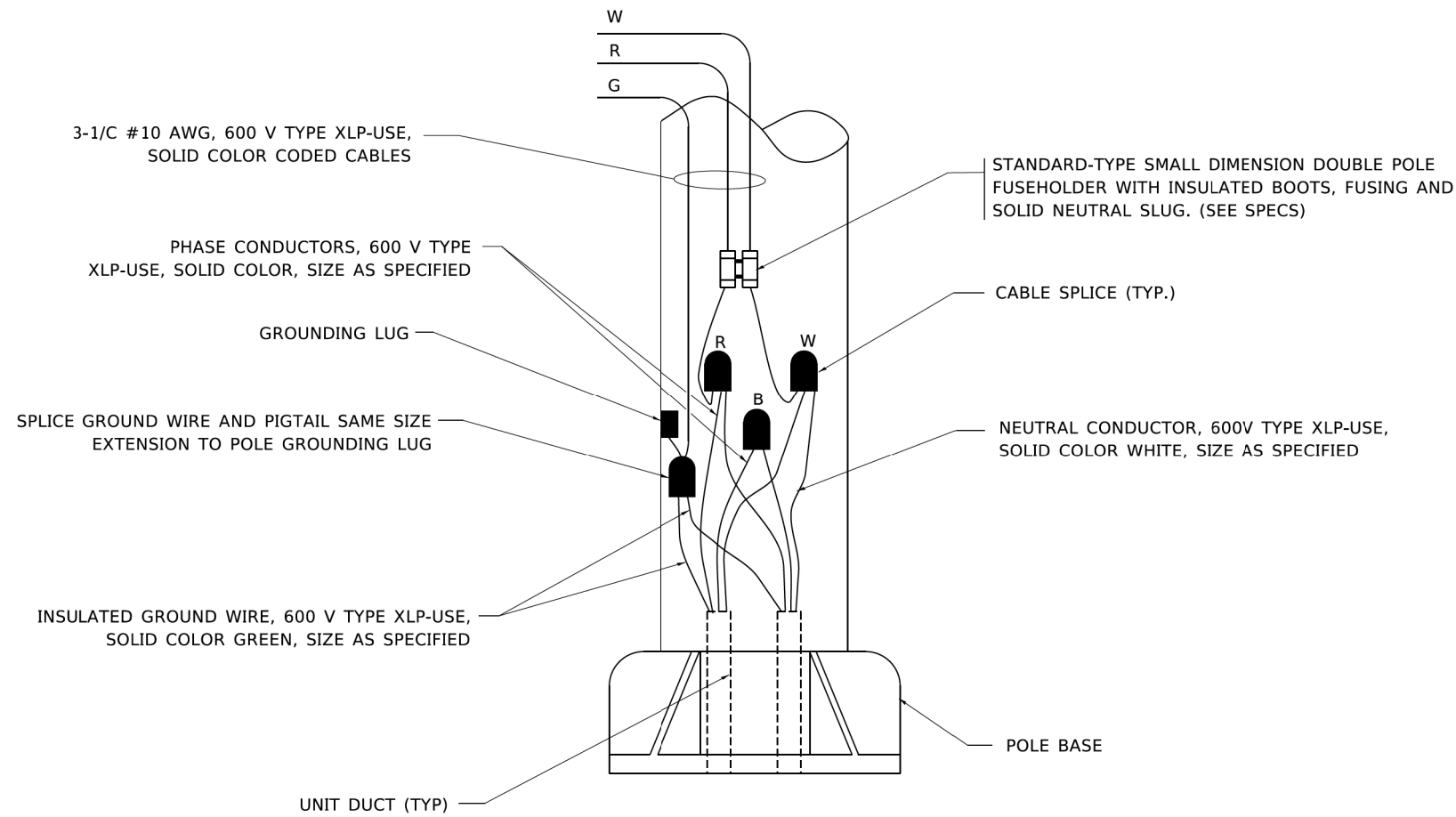


TYPICAL SPLICE DETAIL
N.T.S.

NOTE THAT NUMBER OF CABLES IN SPLICE MAY VARY



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

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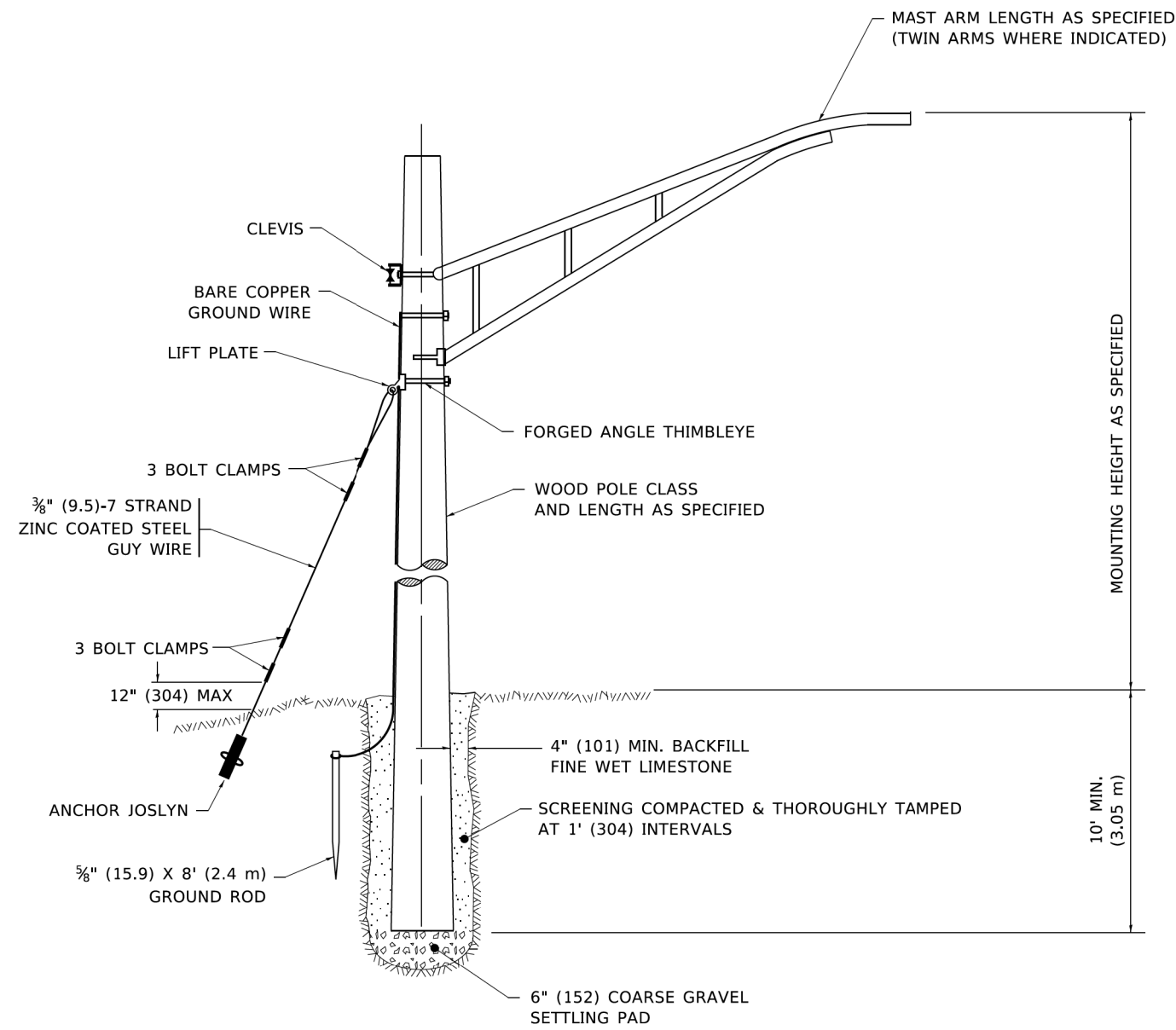
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS
SHEET A

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

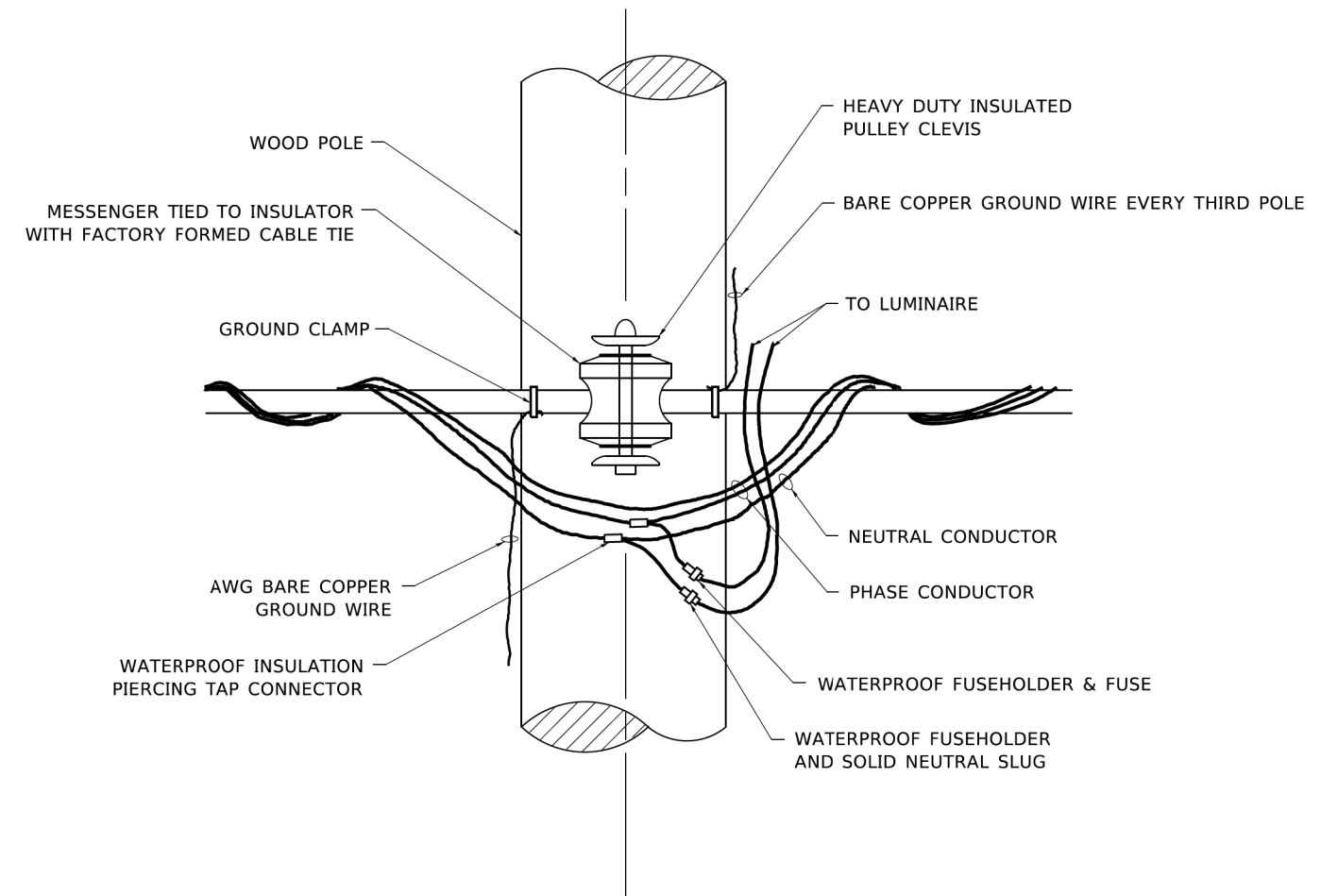
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*	2020-192-B	WILL	299	224
BE-702			CONTRACT NO. 62M63	
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



TEMPORARY LIGHT POLE DETAIL

NOTE:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. MAST ARM SHALL BE RATED FOR THE SPECIFIED MOUNTING HEIGHT.



TEMPORARY LIGHT POLE ATTACHMENT DETAIL

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 DATE: 4/19/2019

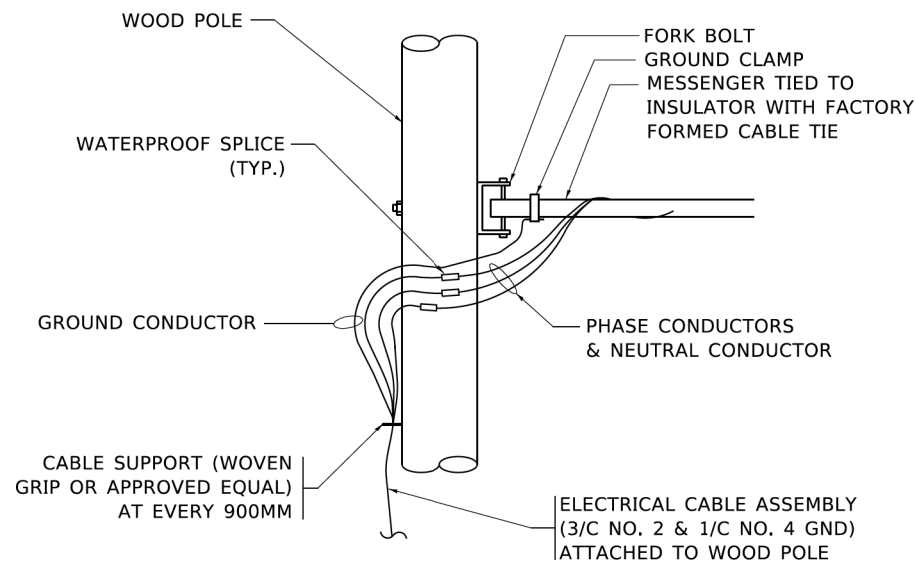
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PLOT DATE = 4/19/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY LIGHT POLE DETAILS

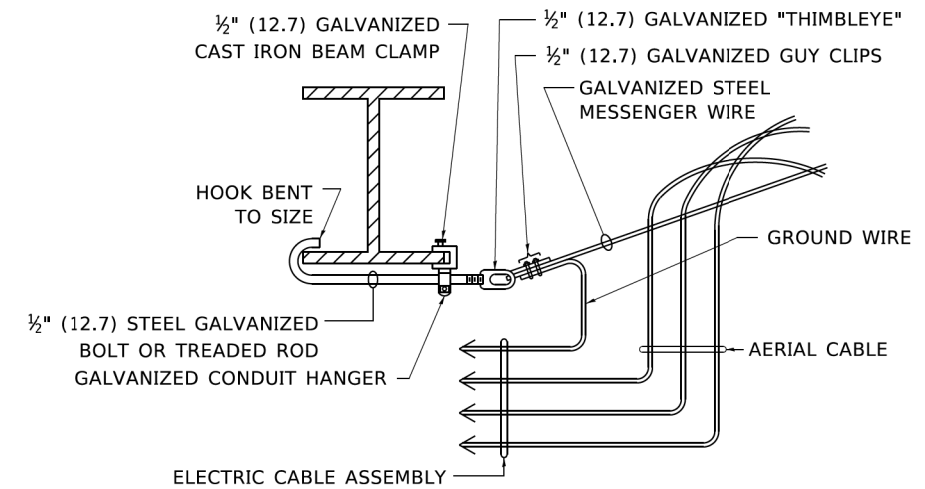
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F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



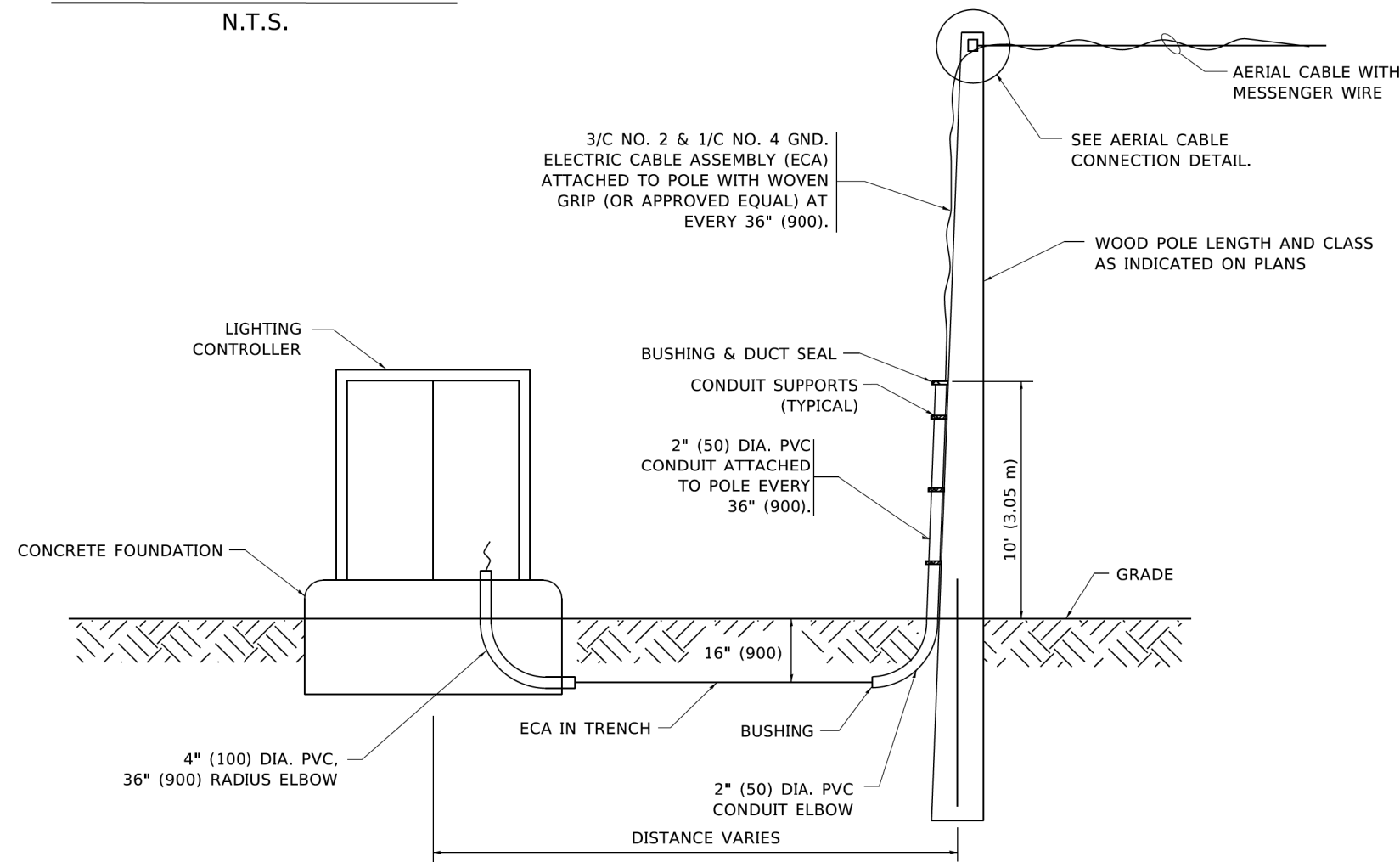
AERIAL CABLE CONNECTION DETAIL

N.T.S.



AERIAL CABLE ATTACHED TO STRUCTURE

NOT TO SCALE



WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL

N.T.S.

NOTES:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.

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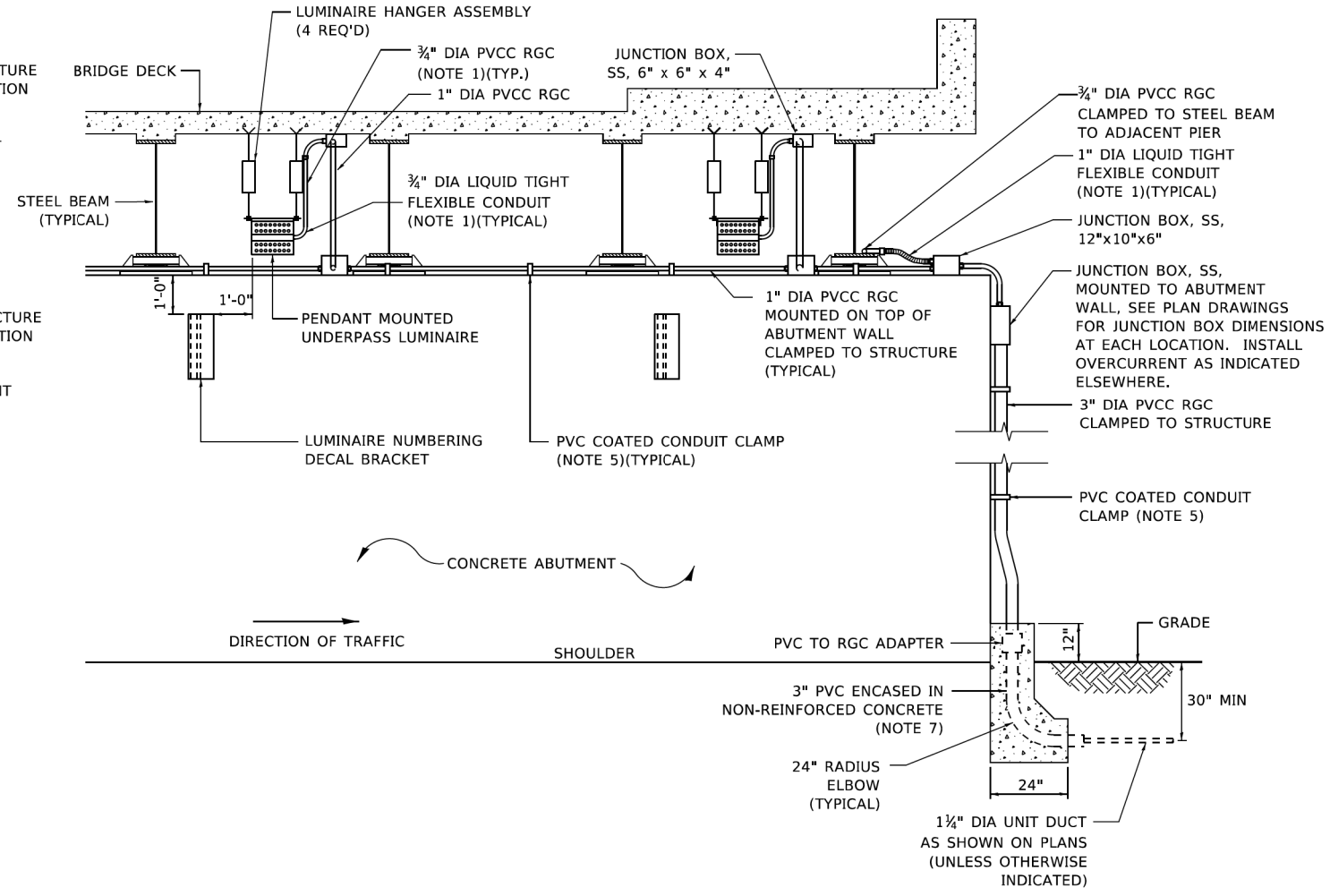
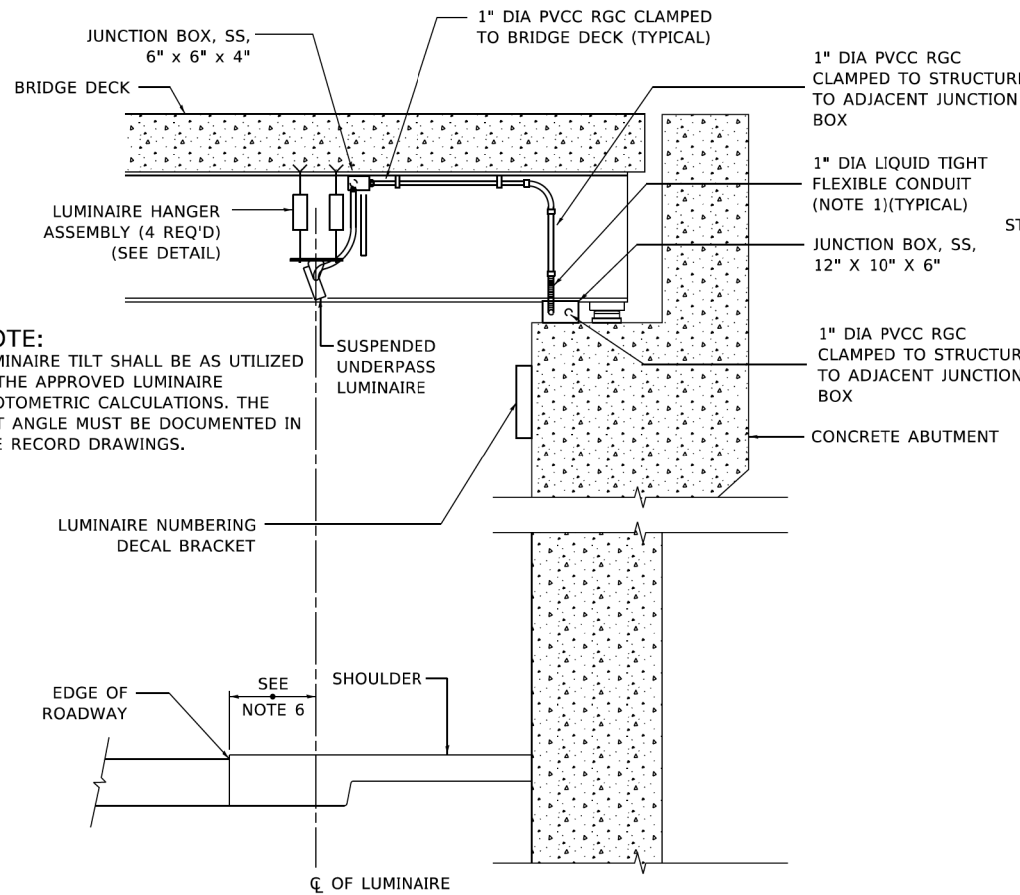
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

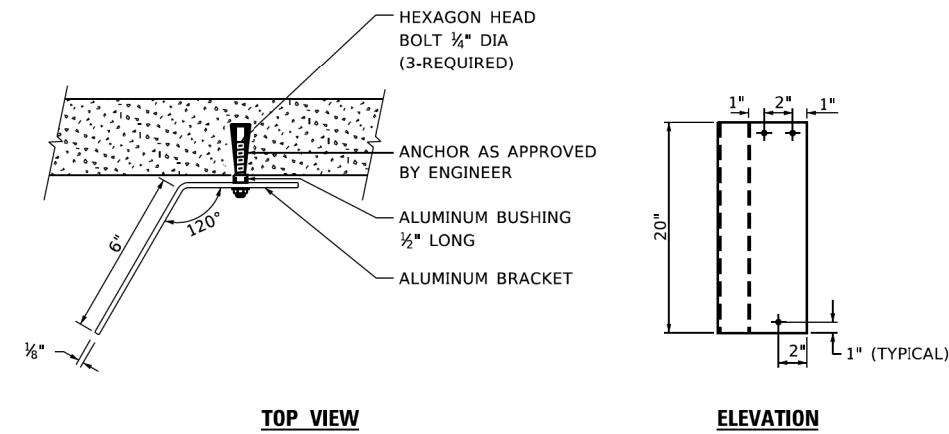
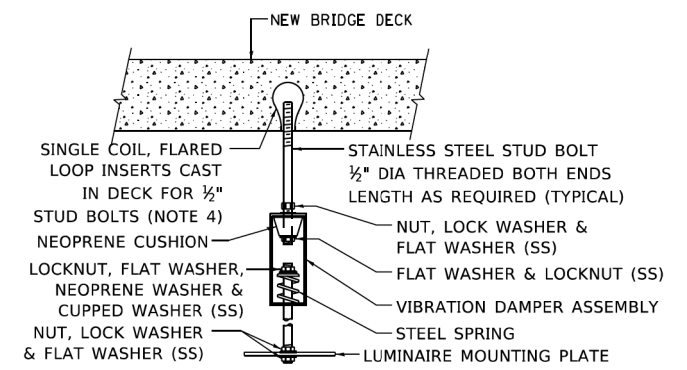
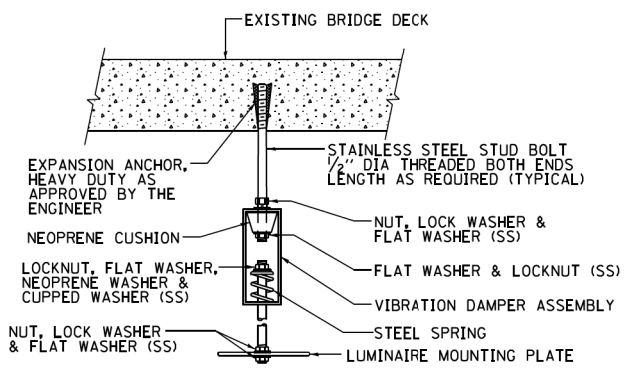
TEMPORARY AERIAL CABLE INSTALLATION

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

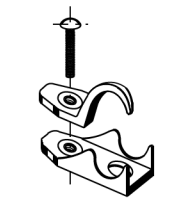
F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	226
BE-801		CONTRACT NO. 62M63		
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



- NOTES:**
1. LIQUID TIGHT FLEXIBLE METAL CONDUIT, MAXIMUM LENGTH 6'-0", TYPICAL FOR EACH INSTANCE AS SHOWN. PROVIDE PVC COATED RIGID GALVANIZED STEEL CONDUIT AS REQUIRED NOT TO EXCEED 6'-0" OF FLEXIBLE LIQUID TIGHT METAL CONDUIT. LIQUID TIGHT FLEXIBLE METAL CONDUIT WILL BE INCLUDED IN THE COST OF THE CONDUIT ATTACHED TO STRUCTURE, OF THE CORRESPONDING DIA., GALVANIZED STEEL, PVC COATED PAY ITEM EXCEPT THAT " DIA. CONDUIT AND " DIA. FLEXIBLE CONDUIT SHALL BE INCLUDED IN THE COST OF UNDERPASS LUMINAIRE INSTALLATION.
 2. SEE UNDERPASS LIGHTING PLANS FOR INSTALLATION LOCATION OF UNDERPASS LIGHTING LUMAIRES.
 3. THE CONTRACTOR SHALL USE APPROVED SINGLE COIL FLARED LOOP INSERTS WHEN SUSPENDING MOUNTING AN UNDERPASS LUMINAIRE TO A NEW BRIDGE DECK. THE FLARED LOOP INSERTS MUST BE CAST INTO THE CONCRETE DECK. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND COORDINATING THE INSERT LOCATIONS FOR MOUNTING THE UNDERPASS LIGHTING SYSTEM AS SHOWN ON THE PLANS WITH THE BRIDGE DECK CONTRACTOR. SEE DETAIL.
 4. THE UNDERPASS LUMINAIRE HANGER ASSEMBLY COMPLETE WITH HEAVY DUTY ANCHORS/INSERTS AND ALL APPLICABLE HARDWARE SHALL BE INCLUDED IN THE COST OF THE UNDERPASS LUMINAIRE PAY ITEM.
 5. SECURE THE CONDUIT WITH PVC COATED CONDUIT CLAMPS OR CONDUIT BEAM CLAMPS AS SHOWN AT 5'-0" INTERVALS FOR LATERALS AND WITHIN 2'-0" MAXIMUM FROM ANY JUNCTION BOX, FLEXIBLE CONDUIT, OR CHANGE IN DIRECTION. ALL PVC COATED CONDUIT CLAMPS OR BEAM CLAMPS SHALL BE INCLUDED WITH THE COST OF THE "CONDUIT ATTACHED TO STRUCTURE, OF THE CORRESPONDING DIA., GALVANIZED STEEL, PVC COATED" PAY ITEM.
 6. ALL UNDERPASS LUMAIRES MUST BE CENTERED IN THE BEAM SPACE AS INDICATED ON THE PLANS UNLESS OTHERWISE DIRECTED BY THE ENGR. LUMINAIRE SETBACK SHALL BE AS INDICATED IN PLANS FOR EACH SPECIFIC UNDERPASS
 7. THE CONCRETE ENCASED CONDUIT TRANSITION SHALL BE INCLUDED IN THE COST OF THE GALVANIZED RIGID STEEL CONDUIT PAY ITEMS.
 8. ALL CONDUIT ATTACHED TO STRUCTURE SHALL BE PVC COATED RIGID STEEL CONDUIT (PVCC RGC) TYPICAL.
 9. IN NO INSTANCE SHALL ANY UNDERPASS LUMINAIRE OR ANY OTHER ELECTRICAL EQUIPMENT BE INSTALLED BELOW THE ELEVATION OF THE BOTTOM OF THE BRIDGE BEAM WHEN OVER ANY PAVEMENT (ROADWAY OR SHOULDER).



PVC COATED CONDUIT BEAM CLAMP
NOT TO SCALE



PVC COATED CONDUIT CLAMP
NOT TO SCALE

TYPICAL LUMINAIRE HANGER ASSEMBLY DETAILS

LUMINAIRE NUMBERING DECAL BRACKET

NOT TO SCALE

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	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

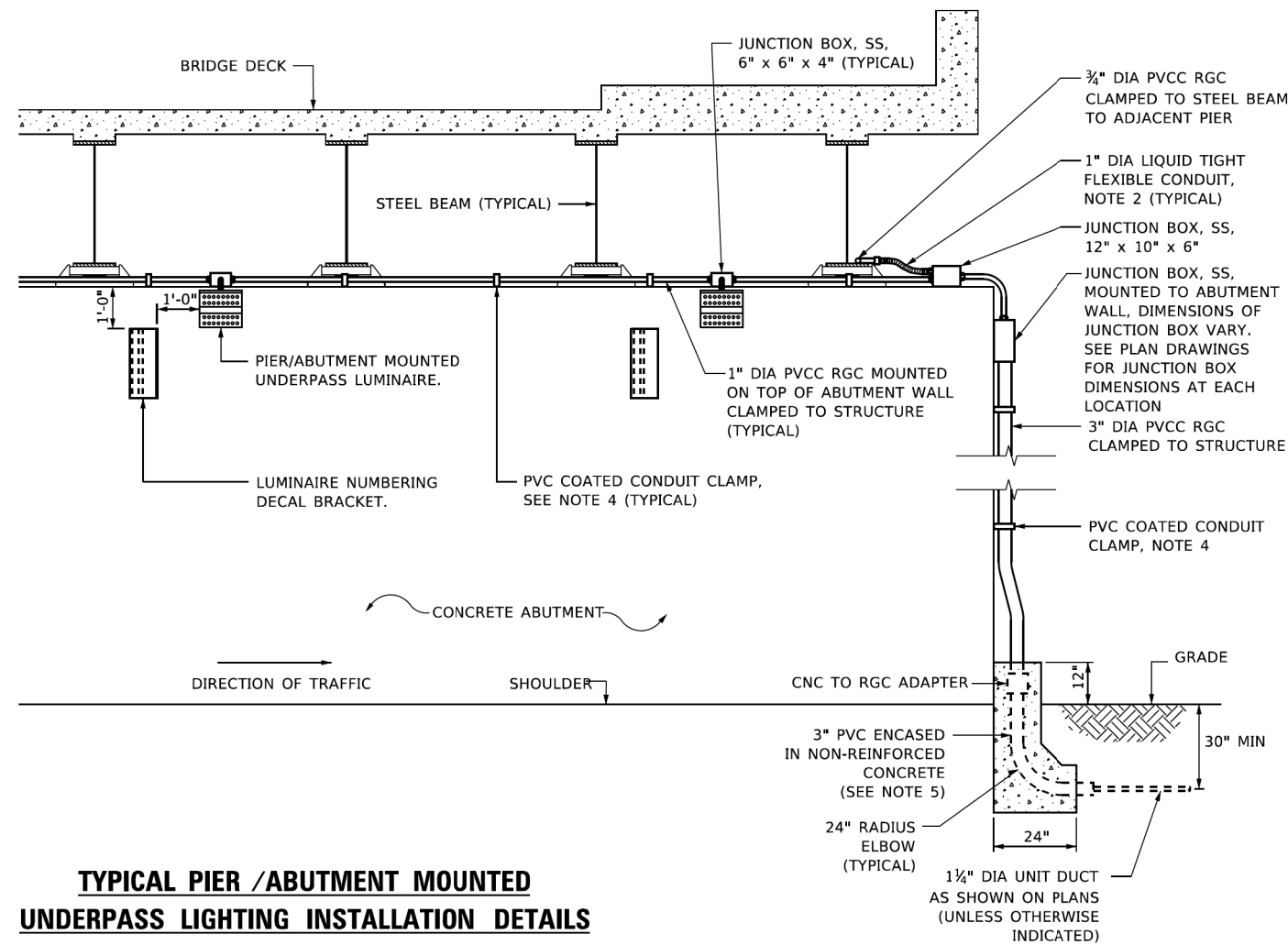
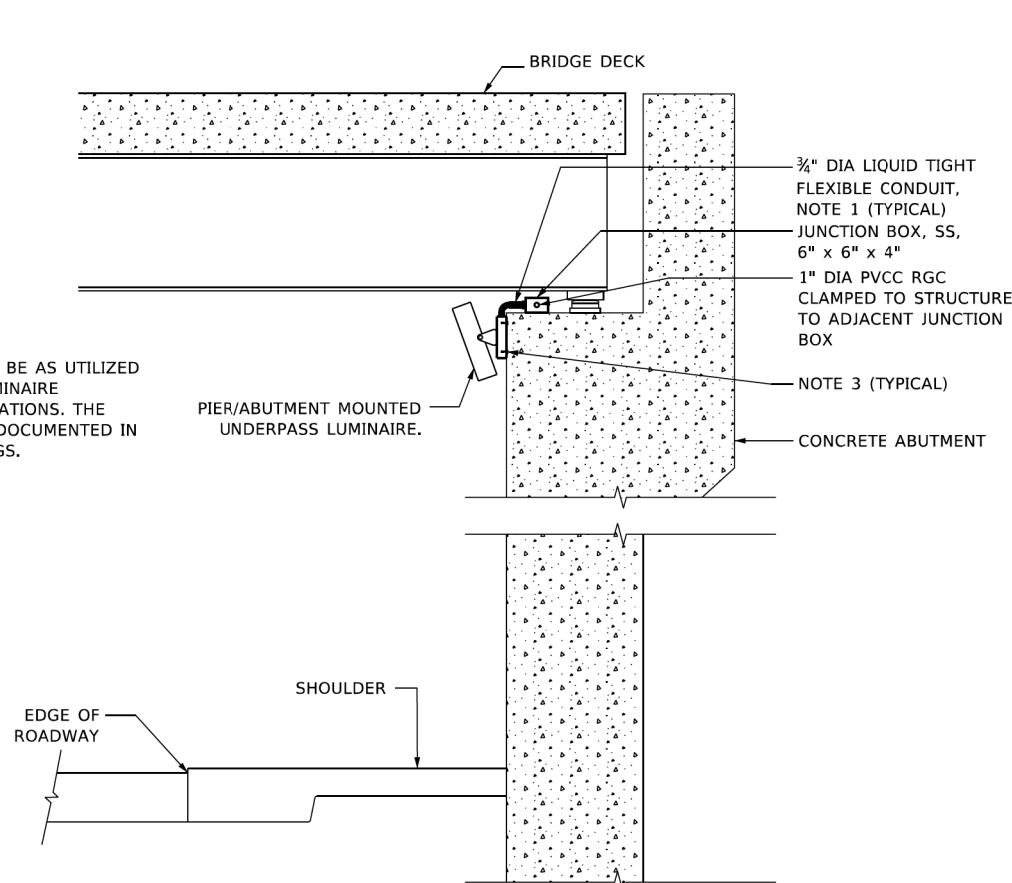
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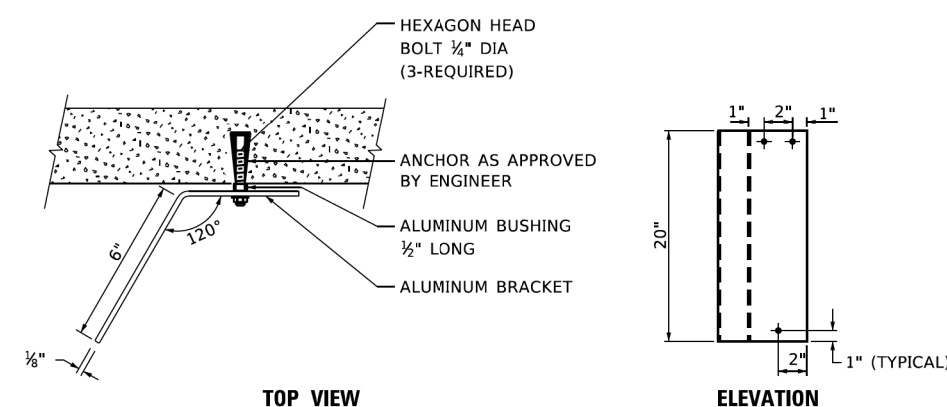
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BE-901		CONTRACT NO. 62M63		
* FAI 55, FAP 338		ILLINOIS FED. AID PROJECT		

D:\162\M63\shd-D1-standard-006.dgn 65749

NOTE:
LUMINAIRE TILT SHALL BE AS UTILIZED IN THE APPROVED LUMINAIRE PHOTOMETRIC CALCULATIONS. THE TILT ANGLE MUST BE DOCUMENTED IN THE RECORD DRAWINGS.

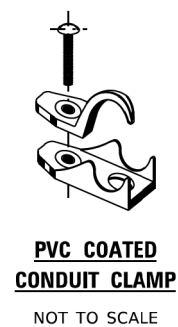
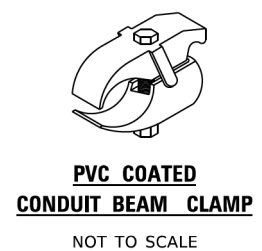


TYPICAL PIER /ABUTMENT MOUNTED UNDERPASS LIGHTING INSTALLATION DETAILS



LUMINAIRE NUMBERING DECAL BRACKET

NOT TO SCALE



NOTES:

- LIQUID TIGHT FLEXIBLE METAL CONDUIT, MAXIMUM LENGTH 6'-0", TYPICAL FOR EACH INSTANCE AS SHOWN. PROVIDE PVC COATED RIGID GALVANIZED STEEL CONDUIT AS REQUIRED NOT TO EXCEED 6'-0" OF FLEXIBLE LIQUID TIGHT METAL CONDUIT. LIQUID TIGHT FLEXIBLE METAL CONDUIT WILL BE INCLUDED IN THE COST OF THE CONDUIT ATTACHED TO STRUCTURE, OF THE CORRESPONDING DIA., GALVANIZED STEEL, PVC COATED PAY ITEM EXCEPT THAT THE COST OF THE " DIA. RIGID STEEL CONDUIT AND " DIA. FLEXIBLE CONDUIT SHALL BE INCLUDED IN THE LUMINAIRE INSTALLATION.
- SEE UNDERPASS LIGHTING PLANS FOR INSTALLATION LOCATION OF UNDERPASS LIGHTING LUMINAIRES.
- UNDERPASS LUMINAIRE MOUNTED TO FACE OF PIER OR ABUTMENT WALL WITH 1/2" ALUMINUM SPACERS. MOUNTING HEIGHT OF 1" BELOW THE TOP OF PIER OR ABUTMENT WALL TYPICAL FOR ALL PIER/ABUTMENT MOUNTED UNDERPASS LUMINAIRES UNLESS OTHERWISE NOTED.
- EXPANSION ANCHOR, POWDER ACTUATED FASTENERS WILL NOT BE ALLOWED. EXPANSION ANCHOR MUST BE SIZED IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
- SECURE THE CONDUIT WITH PVC COATED CONDUIT CLAMPS OR CONDUIT BEAM CLAMPS AS SHOWN AT 5'-0" INTERVALS FOR LATERALS AND WITHIN 2'-0" MAXIMUM FROM ANY JUNCTION BOX, FLEXIBLE CONDUIT, OR CHANGE IN DIRECTION. ALL PVC COATED CONDUIT CLAMPS OR BEAM CLAMPS SHALL BE INCLUDED WITH THE COST OF THE "CONDUIT ATTACHED TO STRUCTURE, OF THE CORRESPONDING DIA., GALVANIZED STEEL, PVC COATED" PAY ITEM.
- THE CONCRETE ENCASED CONDUIT TRANSITION SHALL BE INCLUDED IN THE COST OF THE GALVANIZED RIGID STEEL CONDUIT PAY ITEMS.
- ALL CONDUIT ATTACHED TO STRUCTURE SHALL BE PVC COATED RIGID STEEL CONDUIT (PVCC RGC) TYPICAL.

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIER /ABUTMENT MOUNTED LED UNDERPASS
LUMINAIRE INSTALLATION DETAILS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	228
BE-903		CONTRACT NO. 62M63		
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

TRUNK CABLE FIBER ASSIGNMENTS				ORIGINATION			
TRUNK CABLE DESIGNATION		TCF-		DESTINATION			
BUFFER TUBE	FIBER	FIBER NO	ASSIGNMENT	BUFFER TUBE	FIBER NO	FIBER NO	ASSIGNMENT
BLUE	Blue	1	1	SLATE	Blue	49	
	Orange	2	2		Orange	50	
	Green	3	3		Green	51	
	Brown	4	4		Brown	52	
	Slate	5	5		Slate	53	
	White	6	6		White	54	
	Red	7	7		Red	55	
	Black	8	8		Black	56	
	Yellow	9	9		Yellow	57	
	Violet	10	10		Violet	58	
	Rose	11	11		Rose	59	
	Aqua	12	12		Aqua	60	
ORANGE	Blue	1	13	WHITE	Blue	61	
	Orange	2	14		Orange	62	
	Green	3	15		Green	63	
	Brown	4	16		Brown	64	
	Slate	5	17		Slate	65	
	White	6	18		White	66	
	Red	7	19		Red	67	
	Black	8	20		Black	68	
	Yellow	9	21		Yellow	69	
	Violet	10	22		Violet	70	
	Rose	11	23		Rose	71	
	Aqua	12	24		Aqua	72	
GREEN	Blue	1	25	RED	Blue	73	
	Orange	2	26		Orange	74	
	Green	3	27		Green	75	
	Brown	4	28		Brown	76	
	Slate	5	29		Slate	77	
	White	6	30		White	78	
	Red	7	31		Red	79	
	Black	8	32		Black	80	
	Yellow	9	33		Yellow	81	
	Violet	10	34		Violet	82	
	Rose	11	35		Rose	83	
	Aqua	12	36		Aqua	84	
BROWN	Blue	1	37	BLACK	Blue	85	
	Orange	2	38		Orange	86	
	Green	3	39		Green	87	
	Brown	4	40		Brown	88	
	Slate	5	41		Slate	89	
	White	6	42		White	90	
	Red	7	43		Red	91	
	Black	8	44		Black	92	
	Yellow	9	45		Yellow	93	
	Violet	10	46		Violet	94	
	Rose	11	47		Rose	95	
	Aqua	12	48		Aqua	96	

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 DATE: 4/22/2019

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER ASSIGNMENTS
96 FIBER TRUNK CABLE**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	229
BE-2100		CONTRACT NO. 62M63		
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

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FIBER NO	FUNCTION	CONNECTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

LATERAL CABLE FIBER ASSIGNMENTS		
LCF-		
FIBER NO	FUNCTION	CONNECTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

LATERAL CABLE FIBER ASSIGNMENTS		
LCF-		
FIBER NO	FUNCTION	CONNECTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

LATERAL CABLE FIBER ASSIGNMENTS		
LCF-		
FIBER NO	FUNCTION	CONNECTION
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2		
3		
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 DATE: 06-29-10
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 STA. TO STA.
 F.A./P.RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
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 BE-2130 CONTRACT NO. 62M63
 * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT

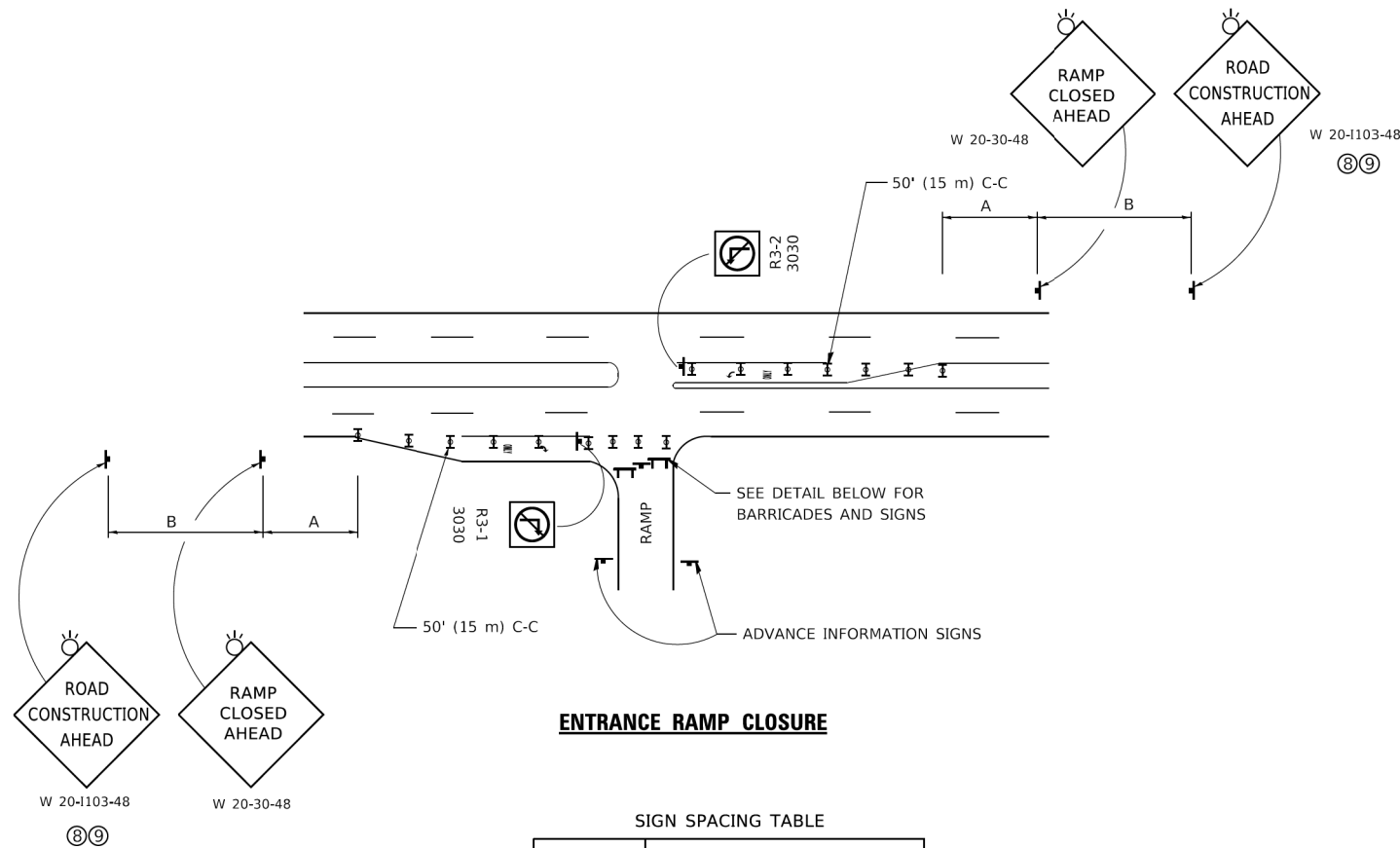
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER ASSIGNMENTS
12 FIBER LATERAL CABLE**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BE-2130			CONTRACT NO. 62M63	
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

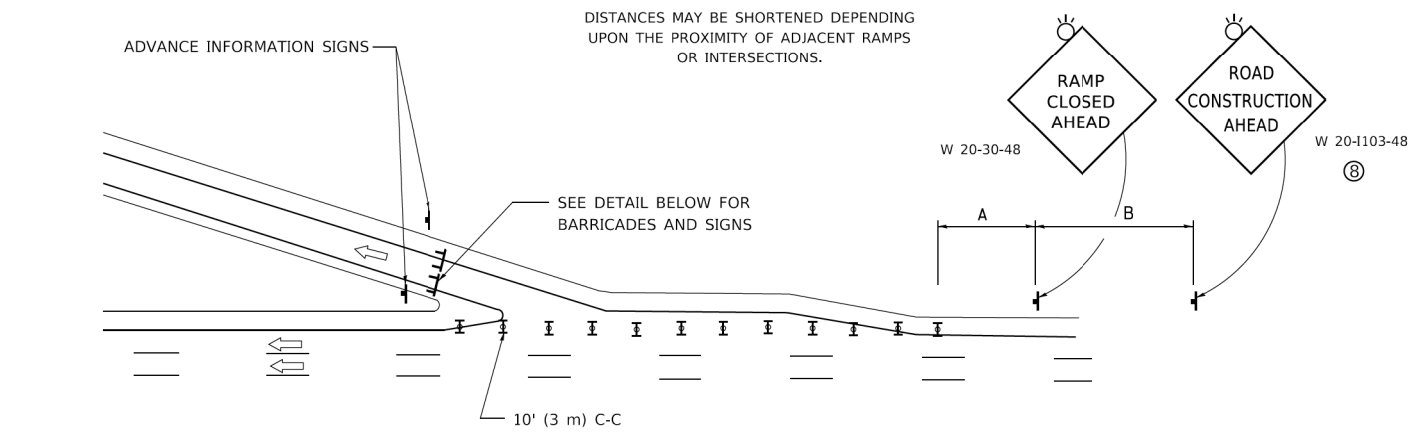


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

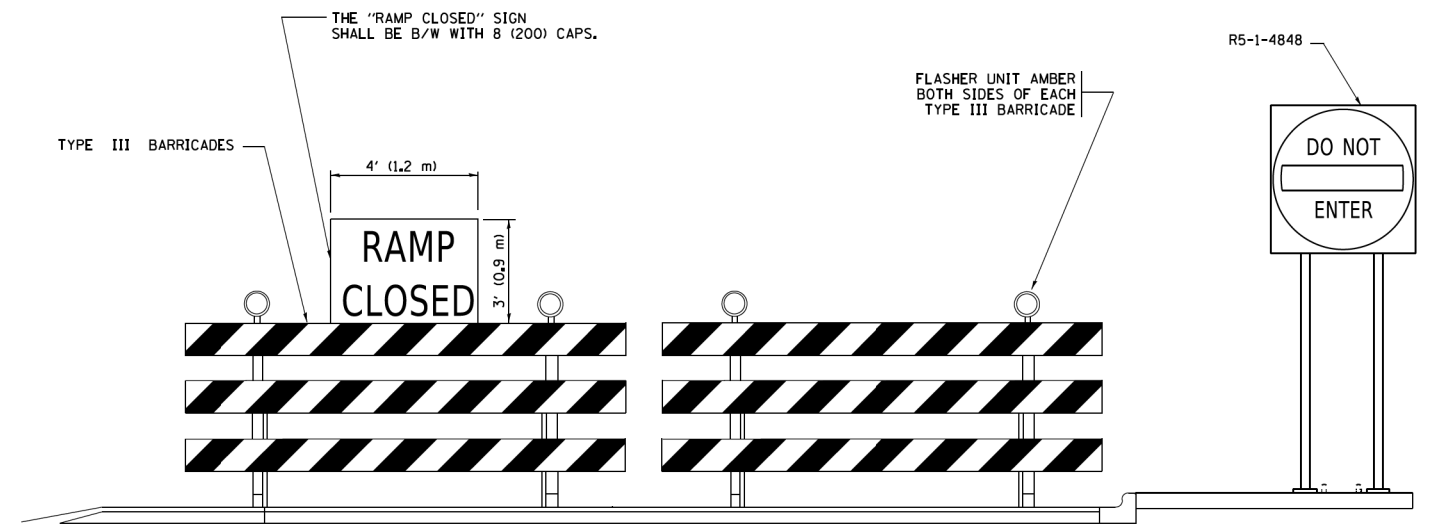
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

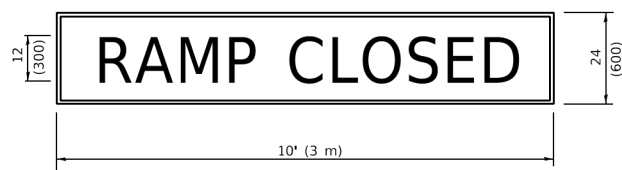
SYMBOLS

- ▬ TYPE II BARRICADE OR DRUM
- ⌌ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

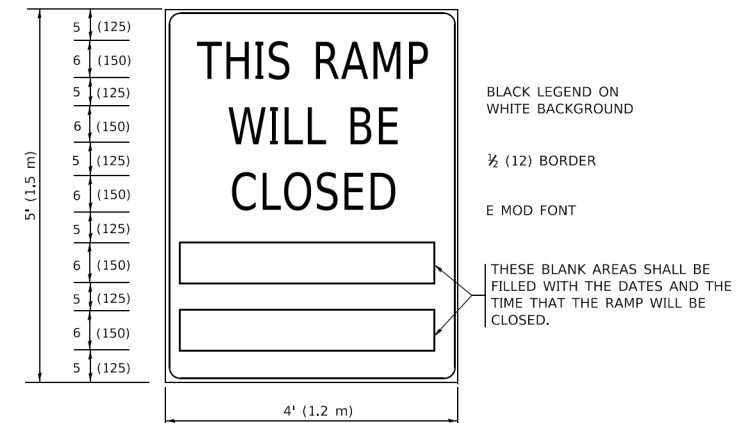
RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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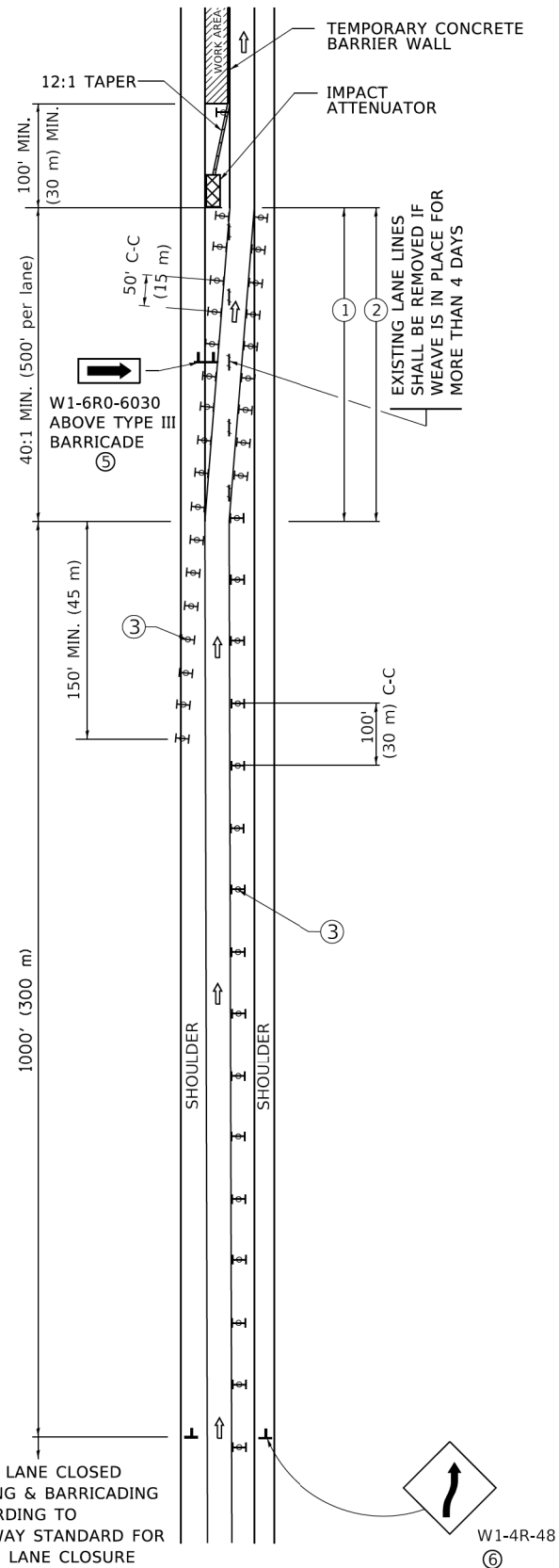
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE AND EXIT RAMP
CLOSURE DETAILS**

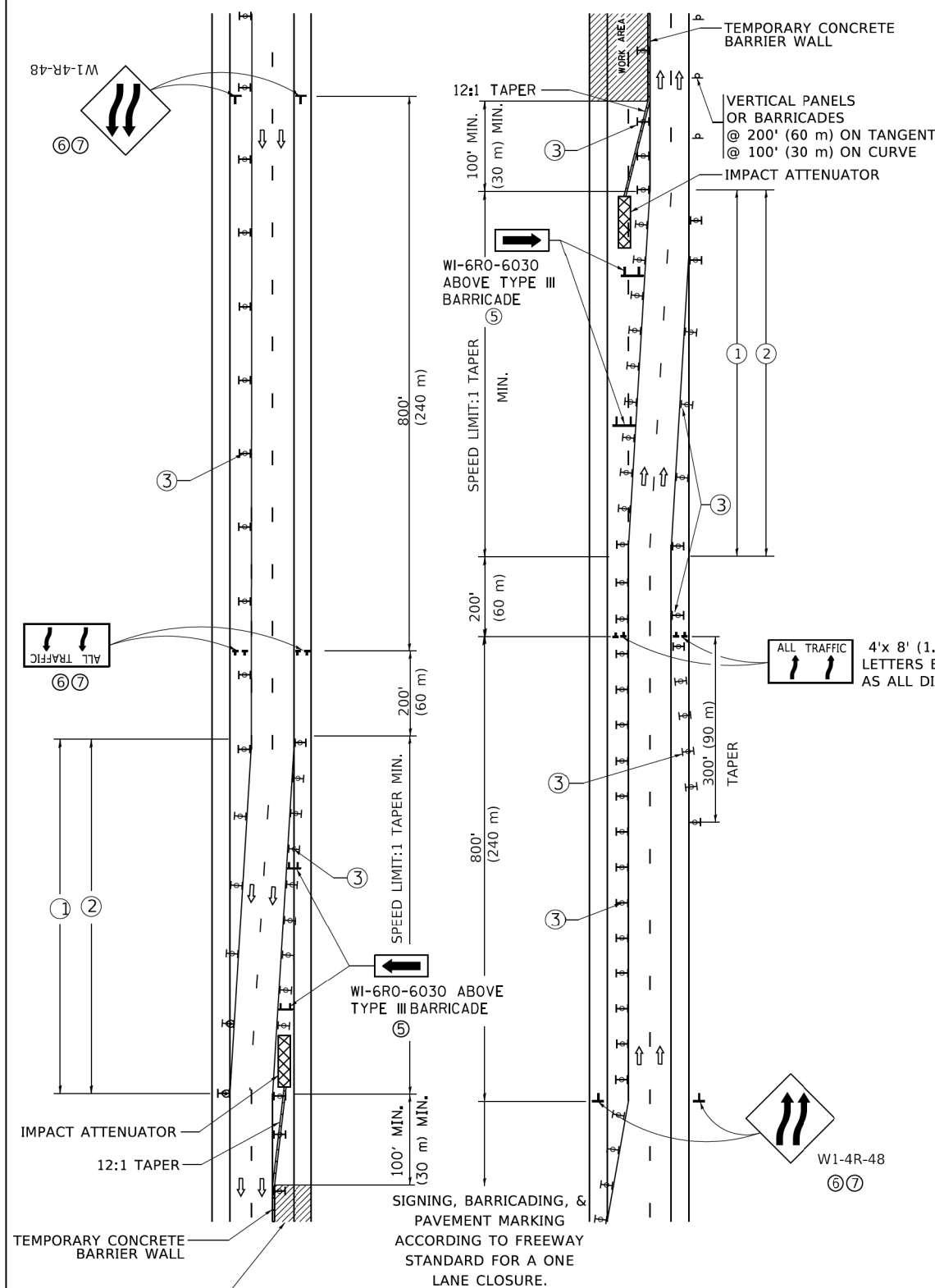
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F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	231
TC-08			CONTRACT NO. 62M63	
* FAI 55, FAP 338		ILLINOIS FED. AID PROJECT		

SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES:

- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- ② CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- ⑥ WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- ⑦ THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- W1-4R-48
- W24-1-48

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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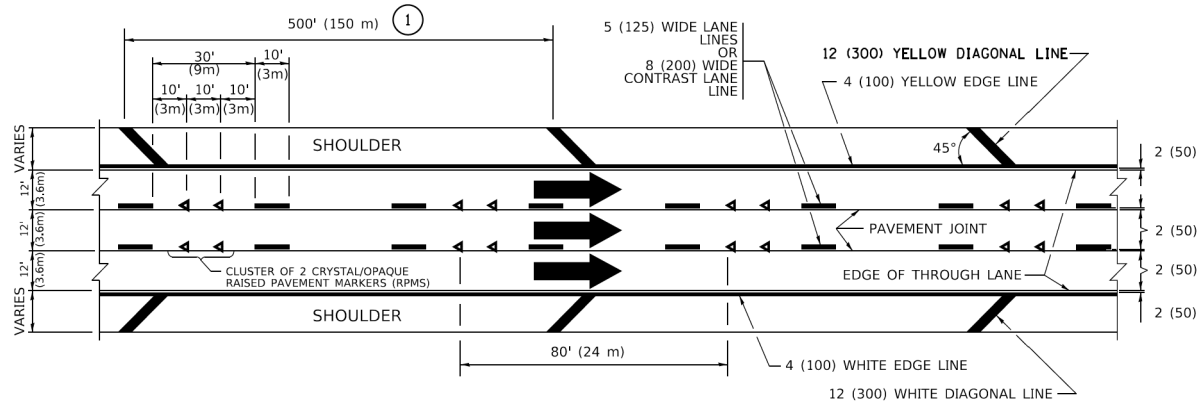
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL DETAILS FOR
FREEWAY SINGLE & MULTI-LANE WEAVE**

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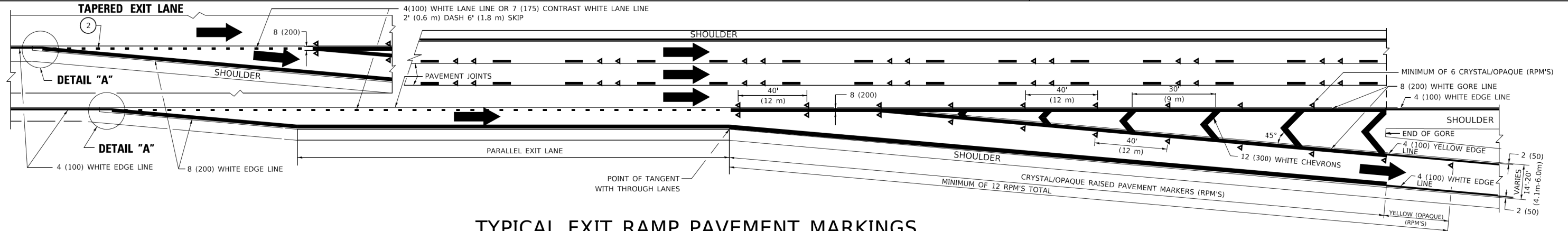
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TC-09		CONTRACT NO. 62M63		
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				



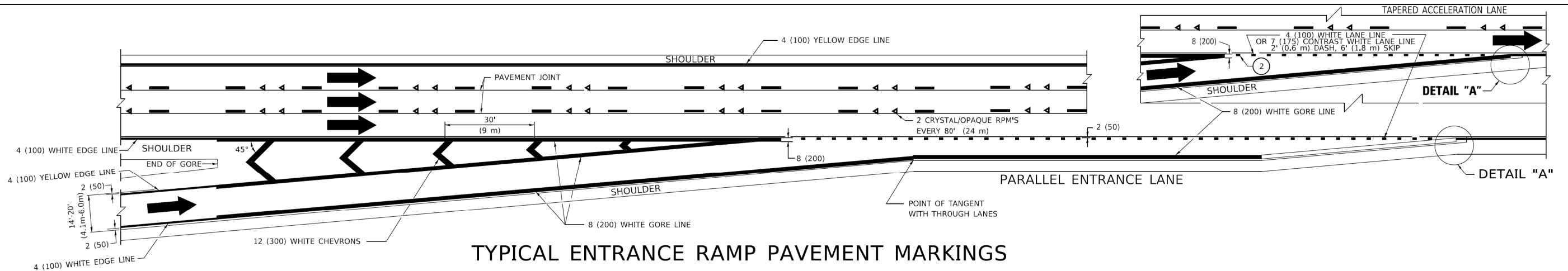
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

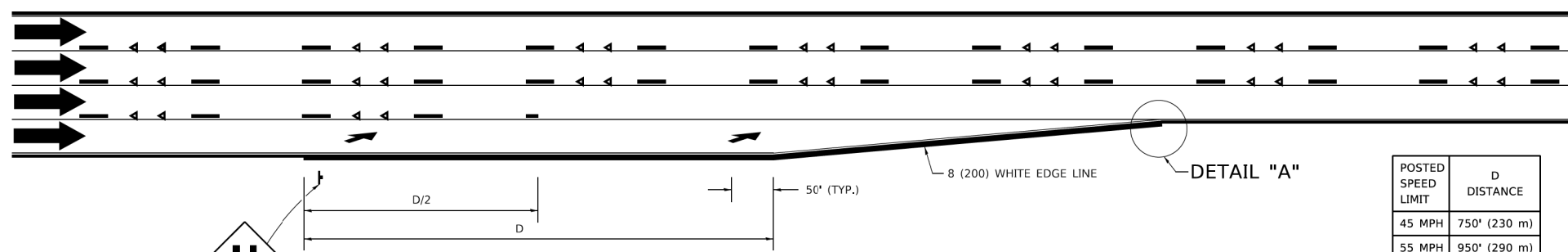
1. THERMOPLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON HMA PAVEMENTS.
2. POLYUREA OR MODIFIED URETHANE PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON PCC PAVEMENTS.
3. PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE B, INLAID OR GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON HMA PAVEMENTS.
4. CONTRAST PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE B, GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON PCC PAVEMENT.



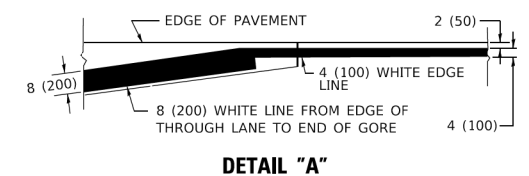
TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



LANE REDUCTION PAVEMENT MARKINGS



NOTES:

1. THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
2. 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.

POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)

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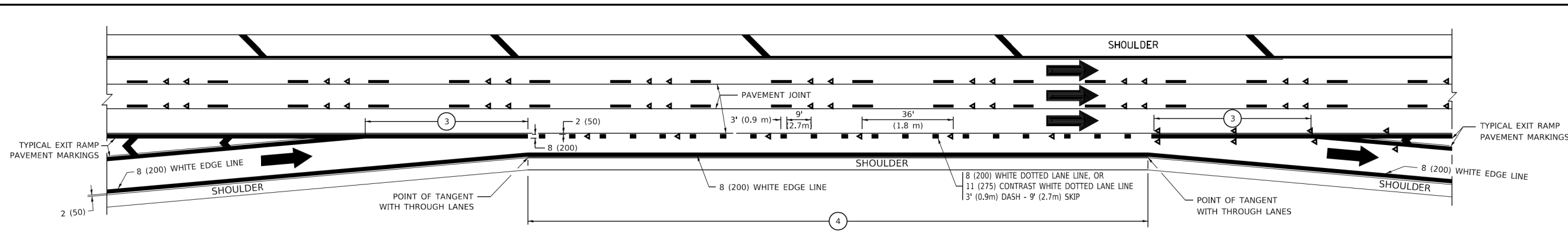
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS

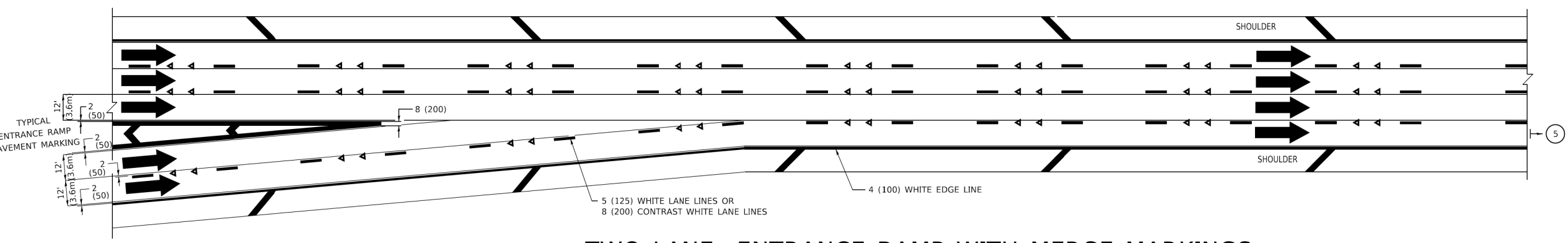
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F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-12			CONTRACT NO. 62M63	
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

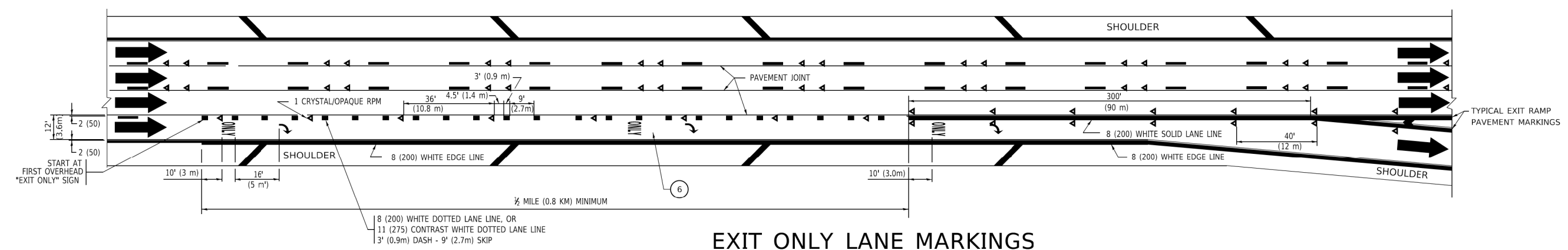
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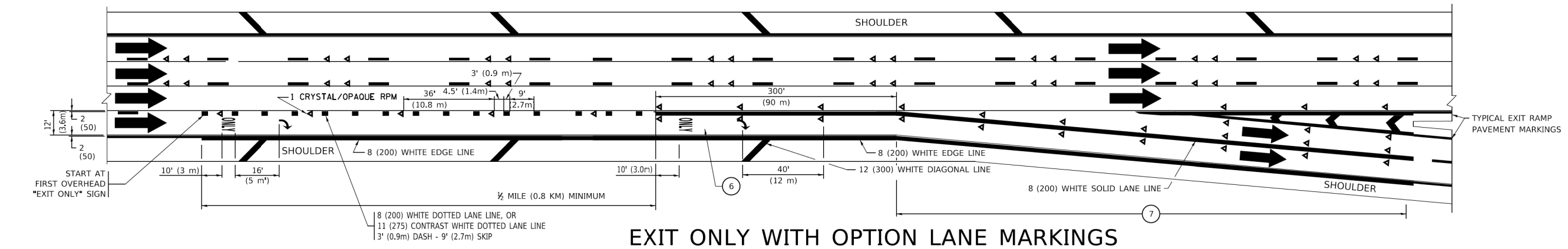
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

- NOTES:**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
 - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
 - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
 - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
 - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

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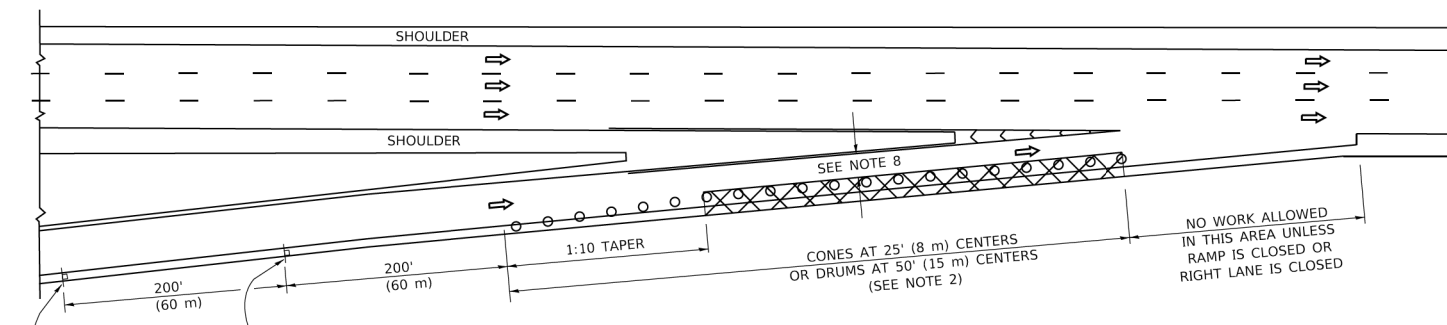
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS**

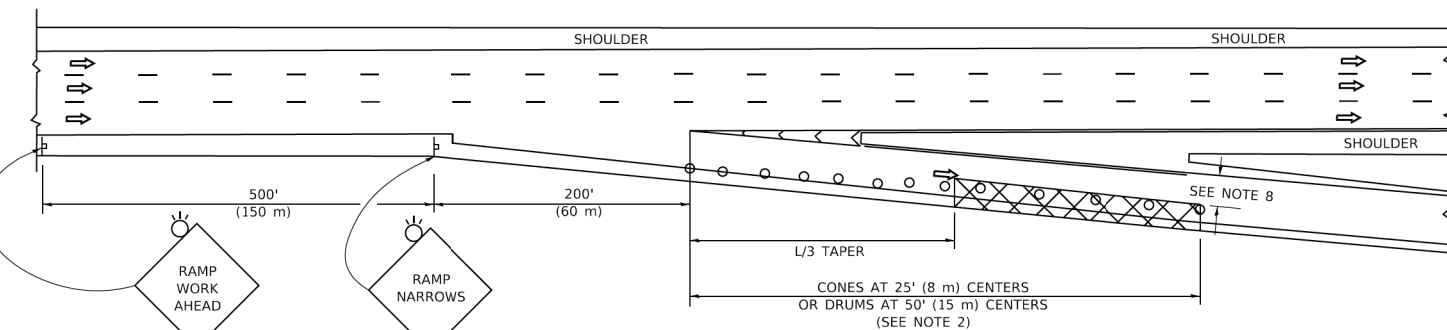
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F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-12			CONTRACT NO. 62M63	
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

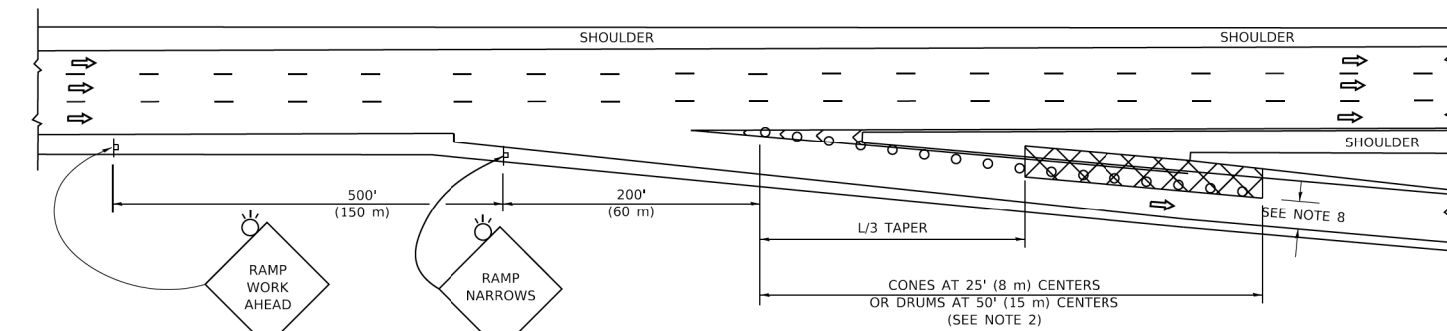
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

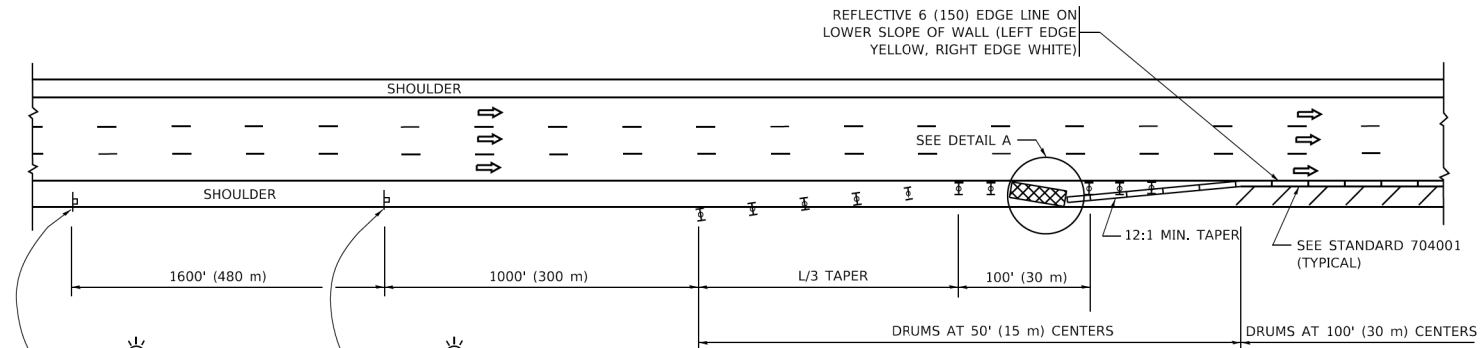
GENERAL NOTES:

- THE "L" DISTANCE EQUALS:

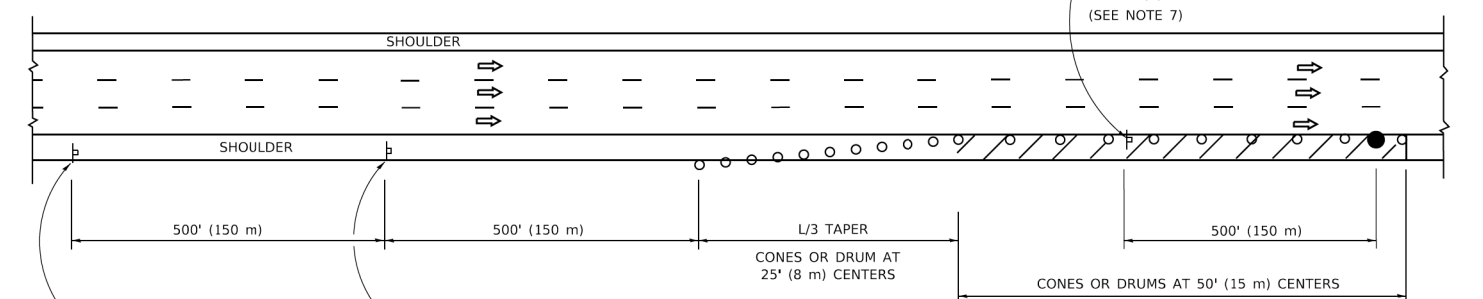
$L = \frac{S^2}{200}$	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH
	$L = 0.65(W)(S)$ $L = (W)(S)$

W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
- TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

- THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
- THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - THE WORK AVTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
- 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES**

USER NAME = footemj	DESIGNED -	REVISED - S.P.B. 01-07
	DRAWN - D.W.S.	REVISED - S.P.B. 12-09
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PLOT DATE = 3/4/2019	DATE - 11-96	REVISED - M.D. 01-18

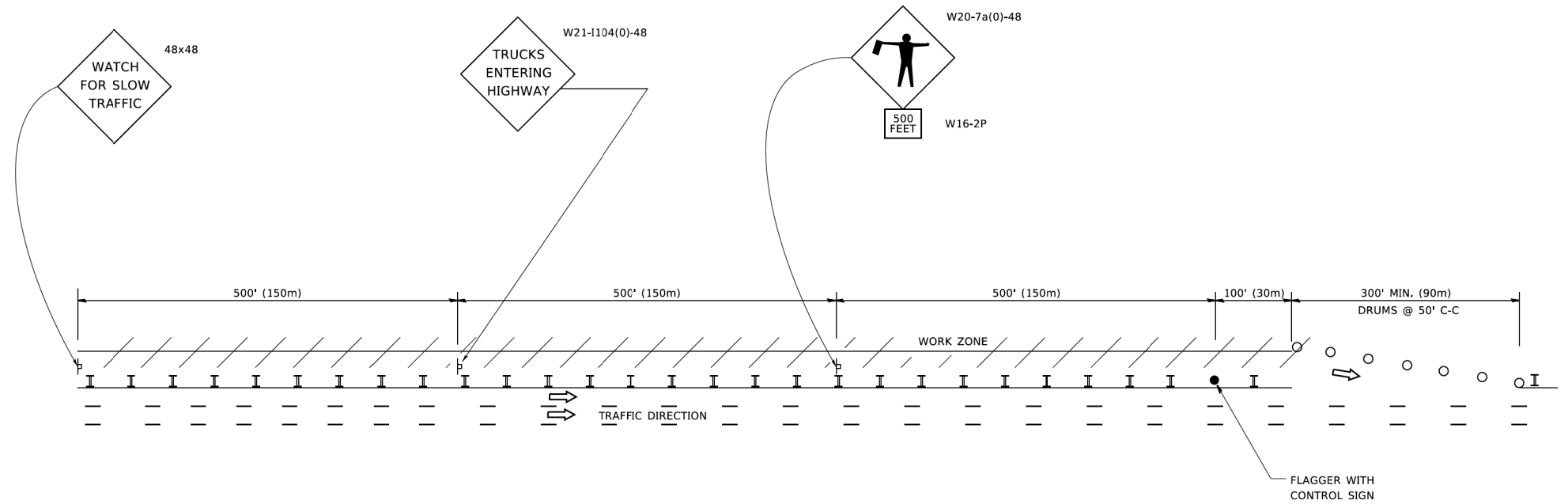
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F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	235
TC-17		CONTRACT NO. 62M63		
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

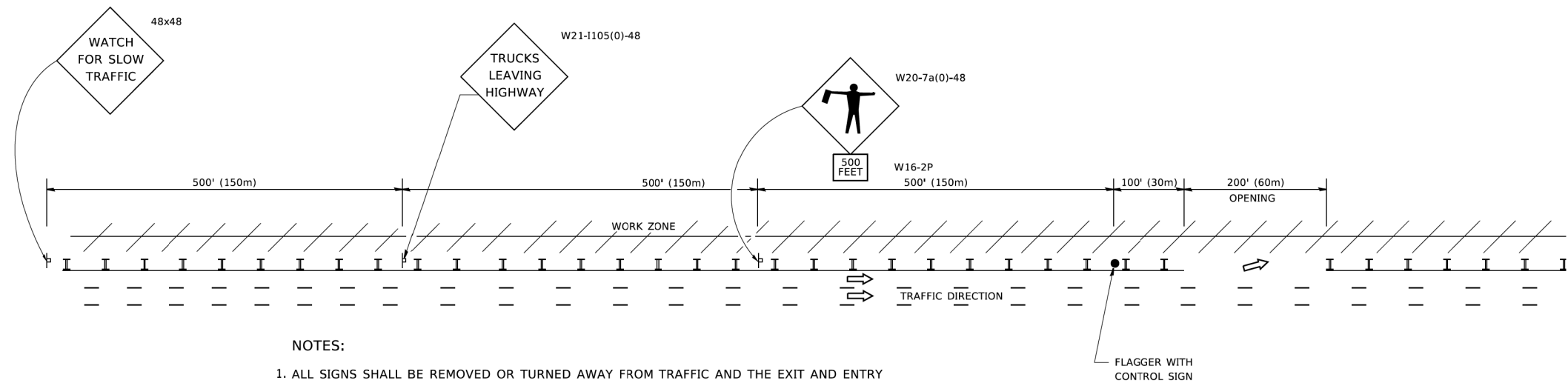
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 D:\62M63-sh1-D1-standard-013.dgn
 65749

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMPS.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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PLOT DATE = 3/4/2019	CHECKED -	REVISED - S.P.B. 12-09
	DATE -	REVISED - M.D.06-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FREEWAY /EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS ON FREEWAYS /EXPRESSWAYS**

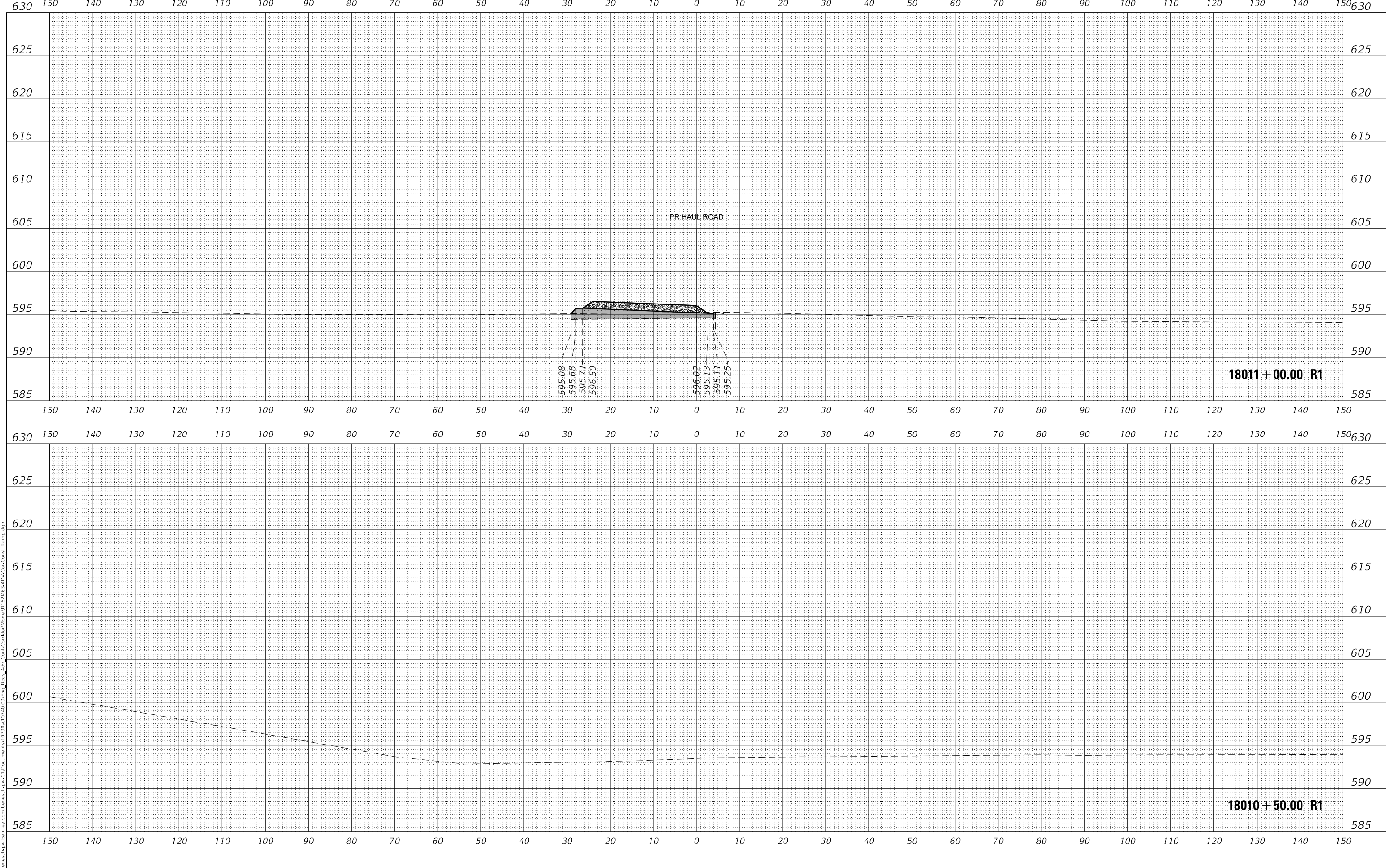
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F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	236
TC-18			CONTRACT NO. 62M63	
* FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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	DRAWN - NREYNOLDS	REVISED -
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PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
HAUL ROAD**

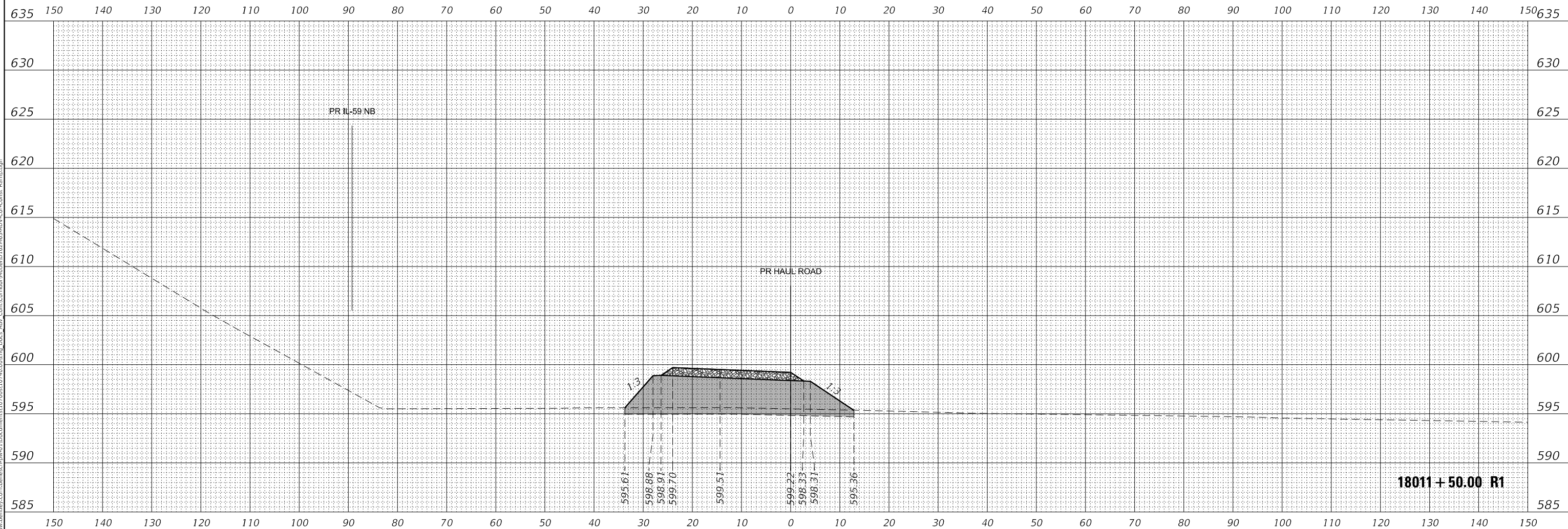
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F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	237
CONTRACT NO. 62M63				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 HAUL ROAD**

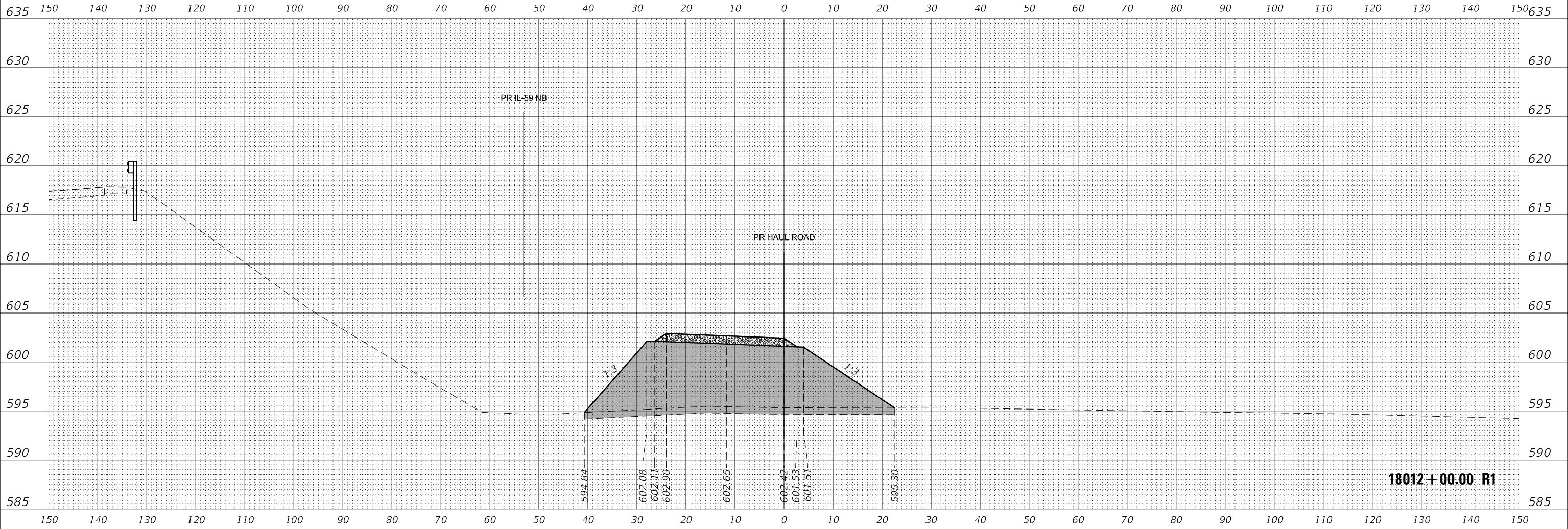
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F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	238
CONTRACT NO. 62M63				

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

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NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

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	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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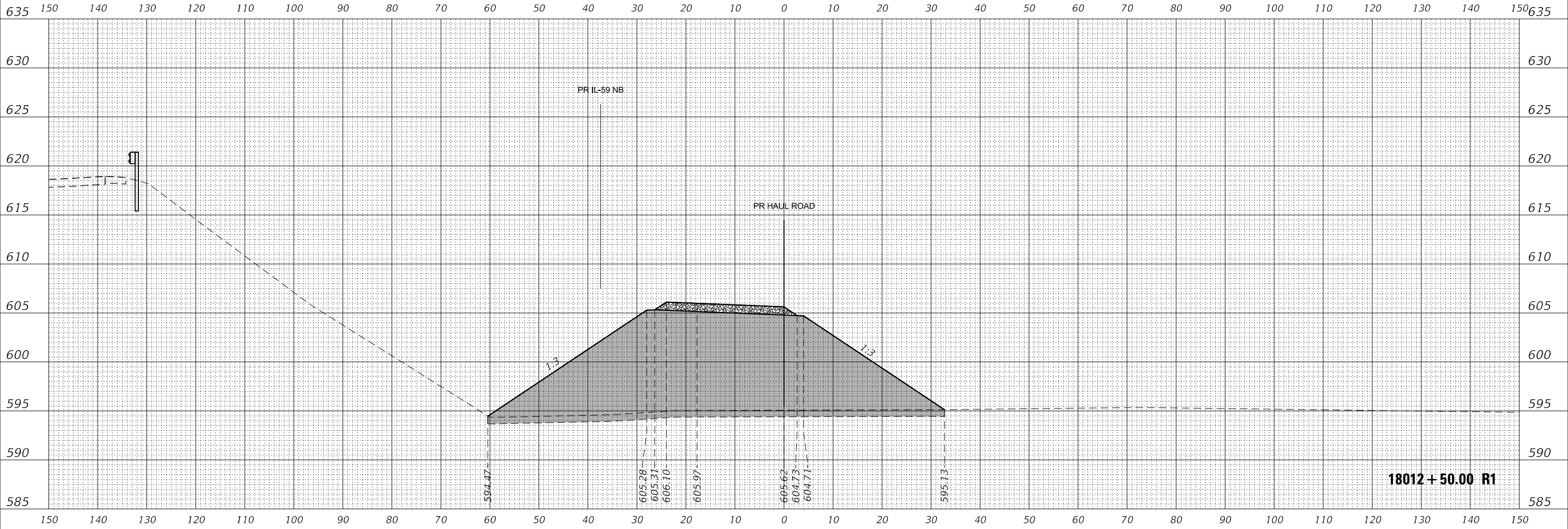
**CROSS SECTIONS
HAUL ROAD**

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	239
CONTRACT NO. 62M63				

FINAL SURVEY NO.	SURVEYED AREAS	DATE
NOTE BOOK	PLOTTED AREAS	
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ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE
NOTE BOOK	PLOTTED AREAS	
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DRAWN	- NREYNOLDS
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PLOT DATE	= 8/18/2020

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DRAWN	- NREYNOLDS
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DATE	- 8/18/2020

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 HAUL ROAD**

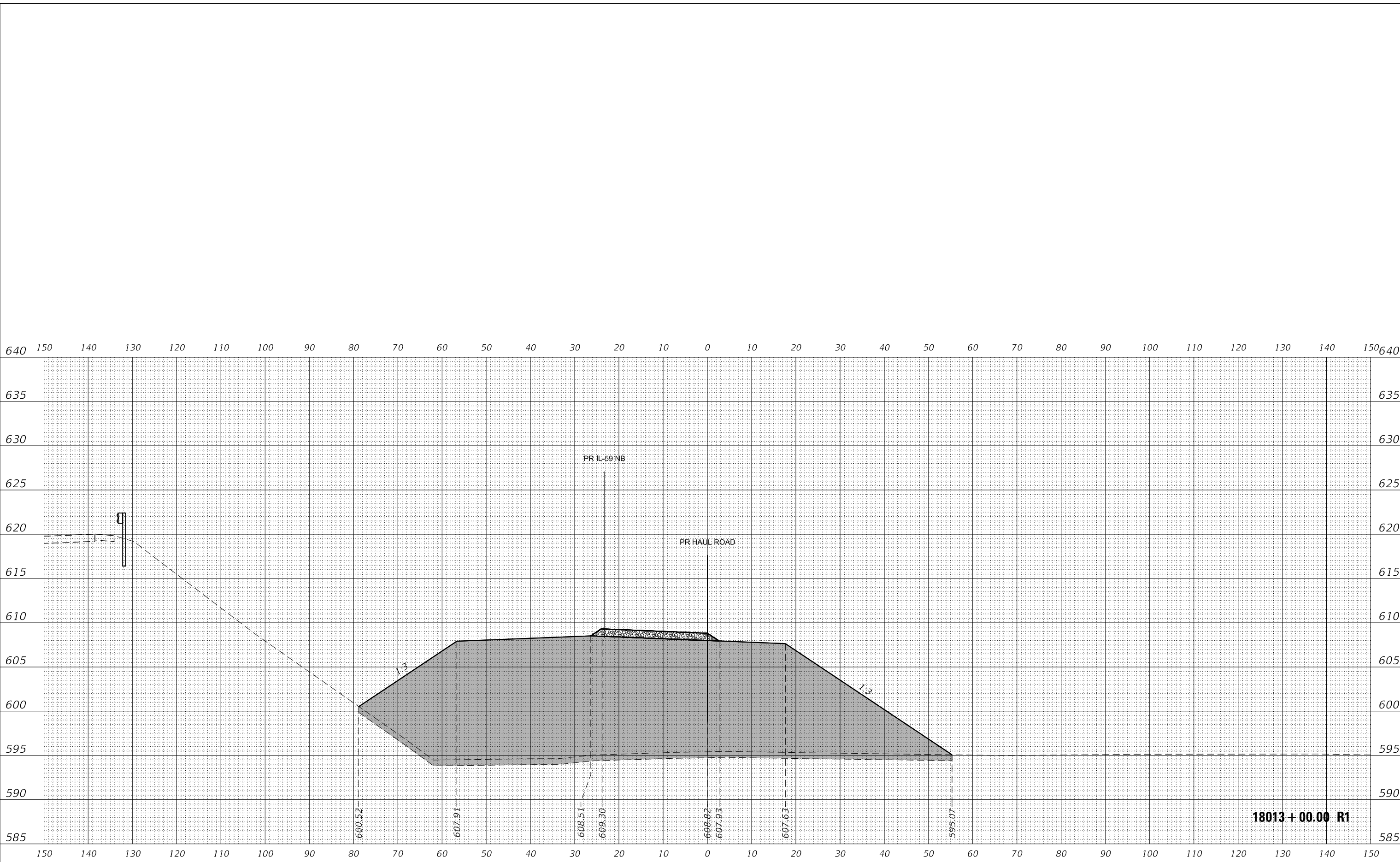
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F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	240
			CONTRACT NO. 62M63	

FINAL SURVEY NO.	DATE

ORIGINAL SURVEY NO.	DATE

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PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

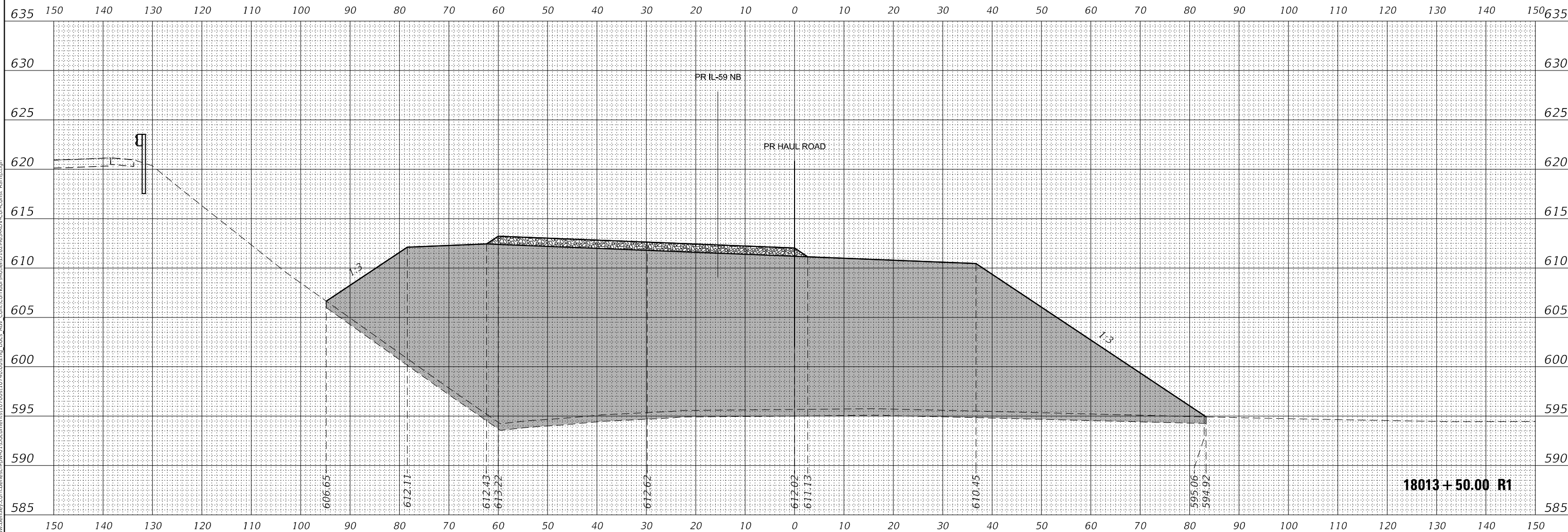
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			*	2020-192-B	WILL	299	241
							CONTRACT NO. 62M63

18013+00.00 R1

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

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	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 HAUL ROAD**

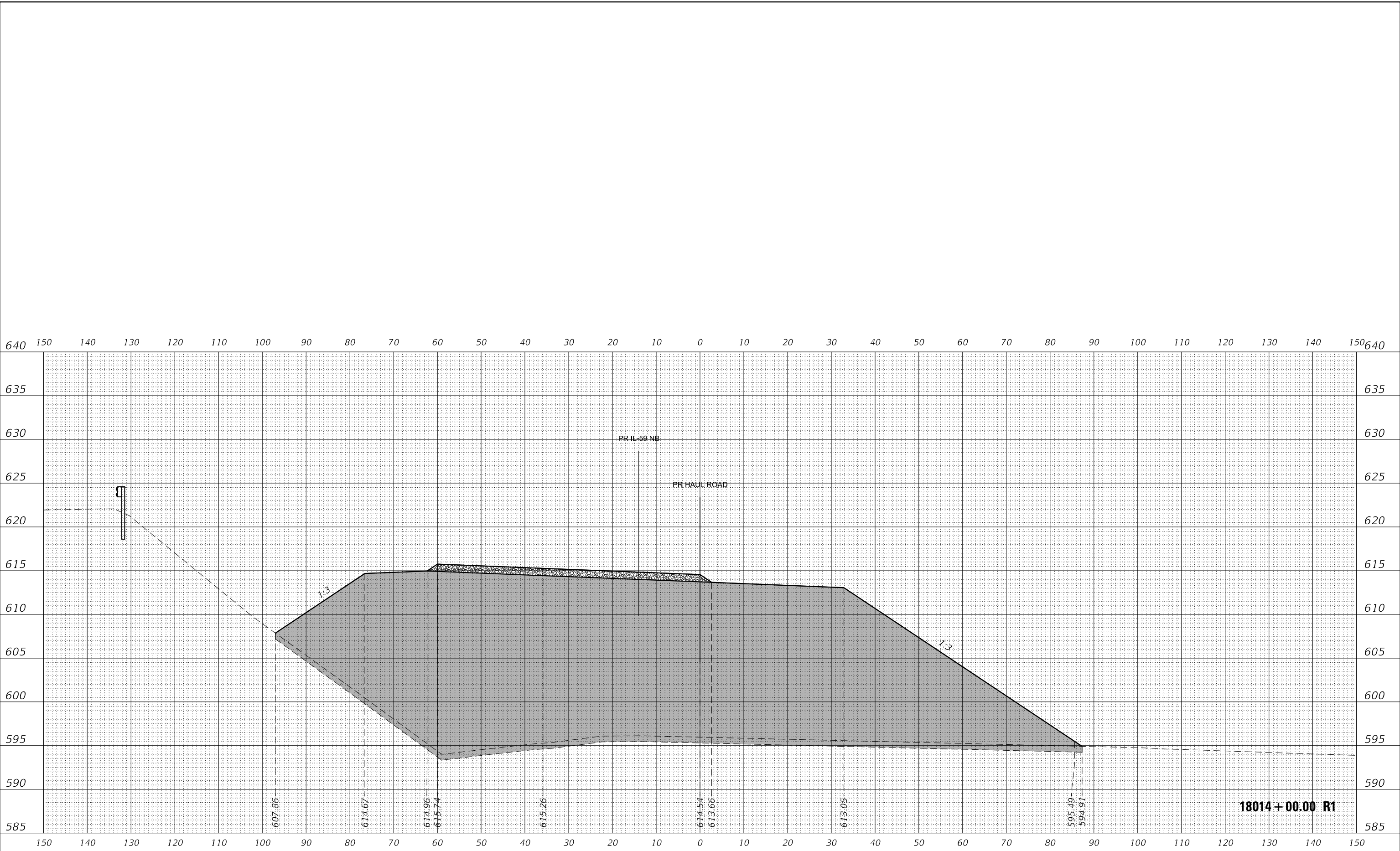
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F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	242
CONTRACT NO. 62M63				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
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	TEMPLATE	
	AREAS CHECKED	

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USER NAME = nreynolds
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 PLOT DATE = 8/18/2020

DESIGNED - TKLUEGEL
 DRAWN - NREYNOLDS
 CHECKED - POBRIEN
 DATE - 8/18/2020

REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 HAUL ROAD

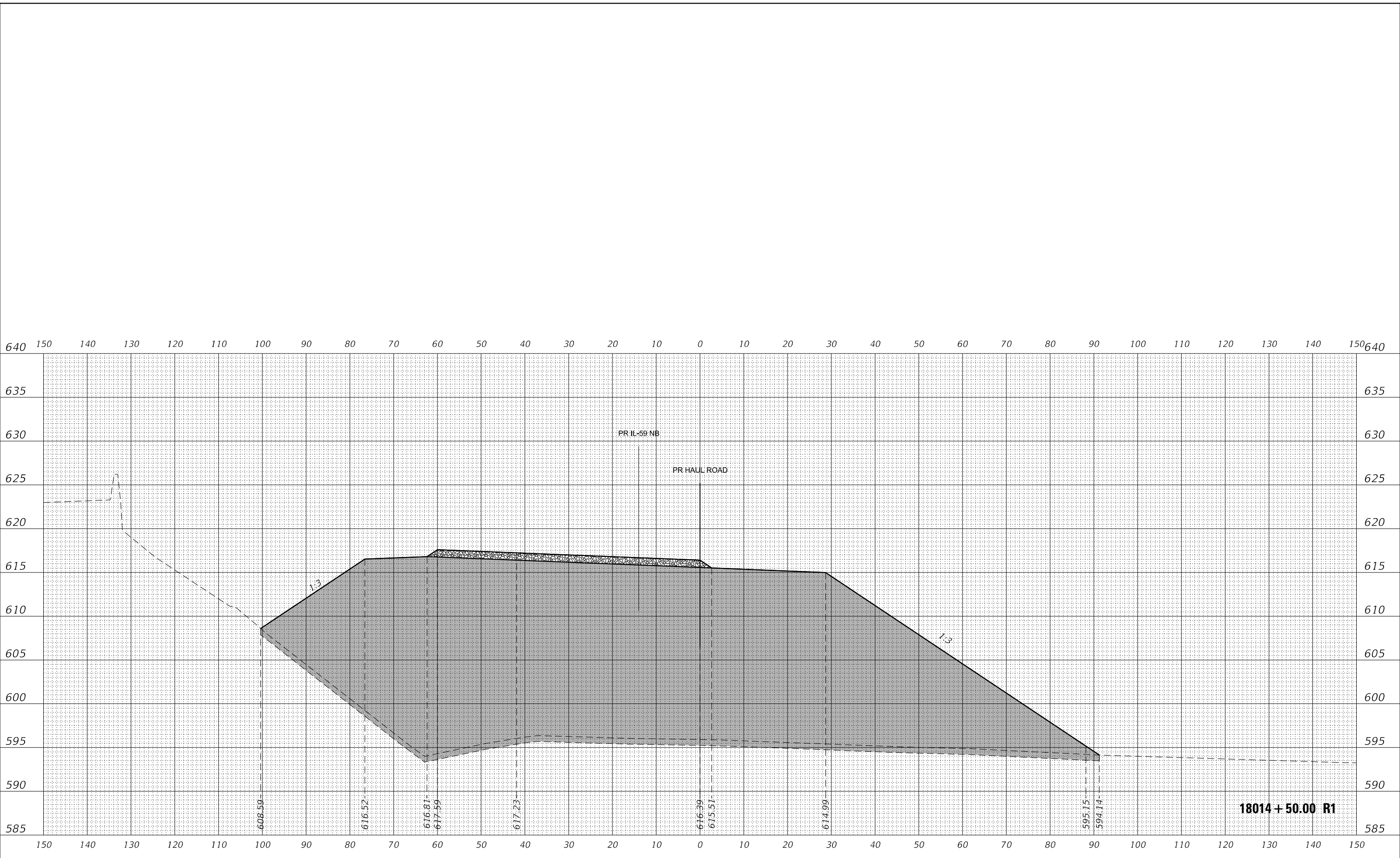
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F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	243
CONTRACT NO. 62M63				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

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 PLOT DATE = 8/18/2020

DESIGNED - TKLUEGEL
 DRAWN - NREYNOLDS
 CHECKED - POBRIEN
 DATE - 8/18/2020

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 HAUL ROAD**

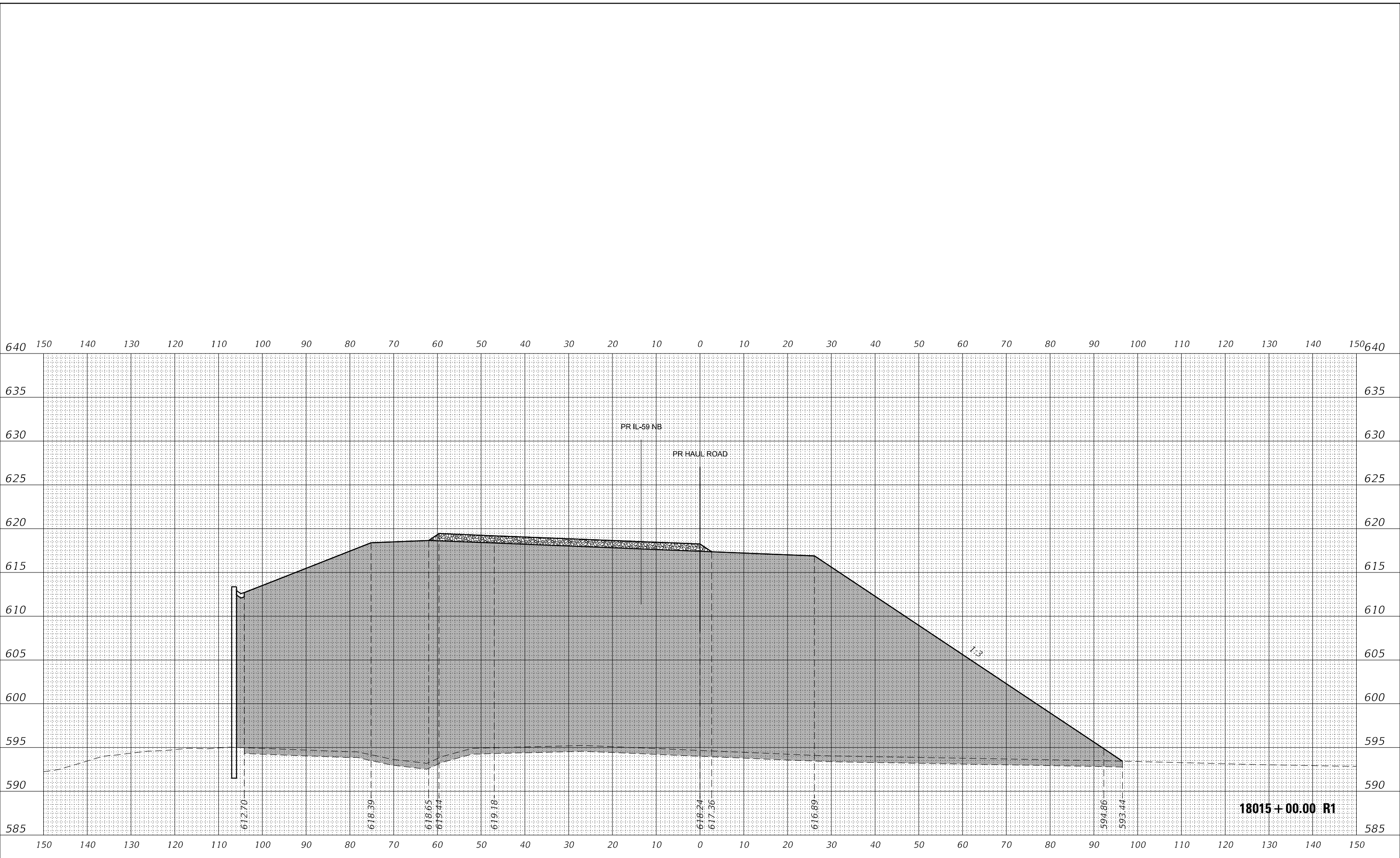
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F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	244
CONTRACT NO. 62M63				

FINAL SURVEY NO.	SURVEYED	DATE
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	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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DRAWN - NREYNOLDS
PLOT SCALE = 20.0000' / in.
PLOT DATE = 8/18/2020

REVISD -
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DATE - 8/18/2020
REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 HAUL ROAD**

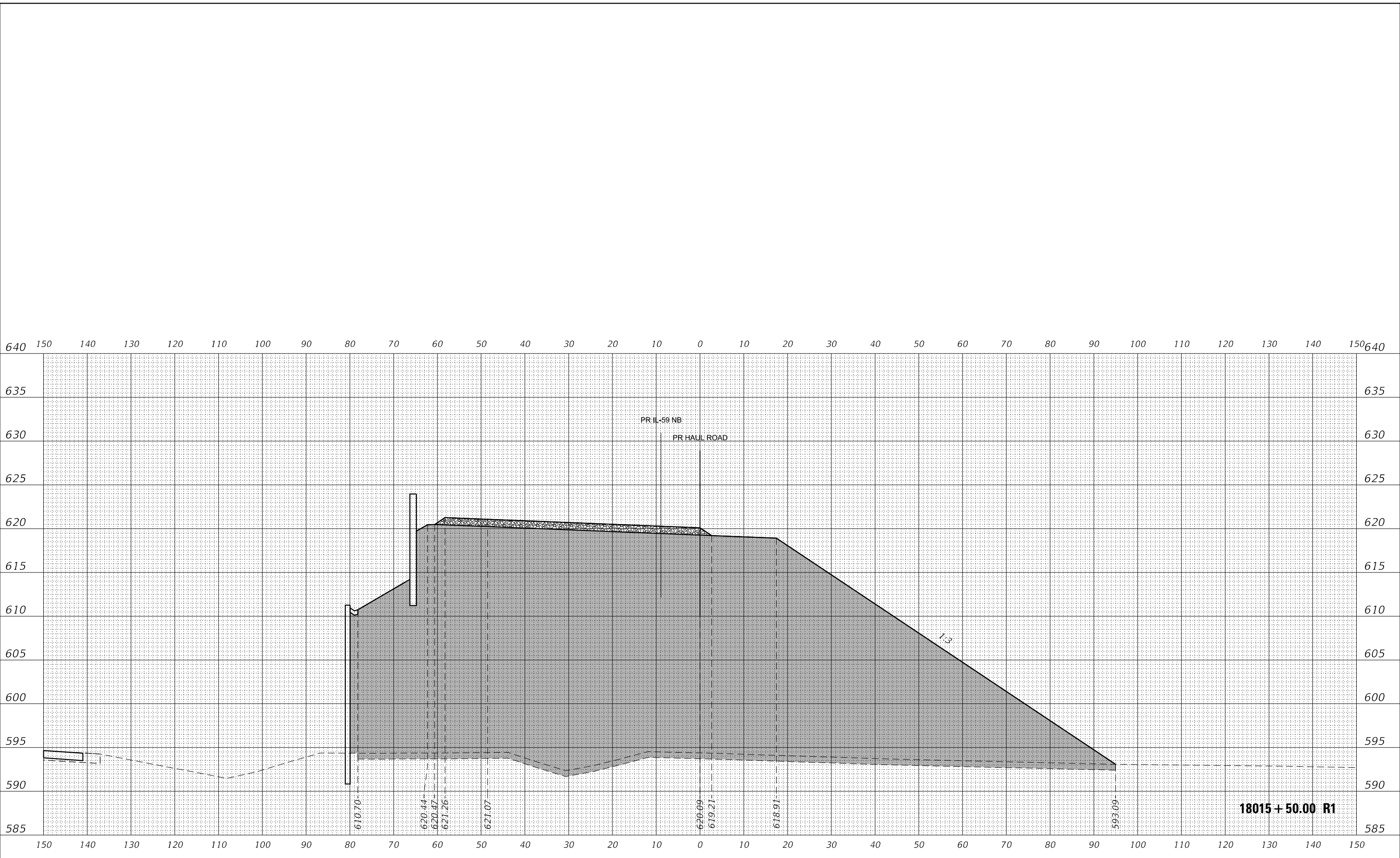
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F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	245
CONTRACT NO. 62M63				

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

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

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PLOT SCALE = 20.0000 ' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H 1:10; V 1:5		SHEET 10	OF 63 SHEETS	STA. 18015+50.00 R1 TO STA. 18015+50.00 R1	F.A.I.P. RTE. *	SECTION 2020-192-B	COUNTY WILL	TOTAL SHEETS 299	SHEET NO. 246
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					ILLINOIS FED. AID PROJECT				

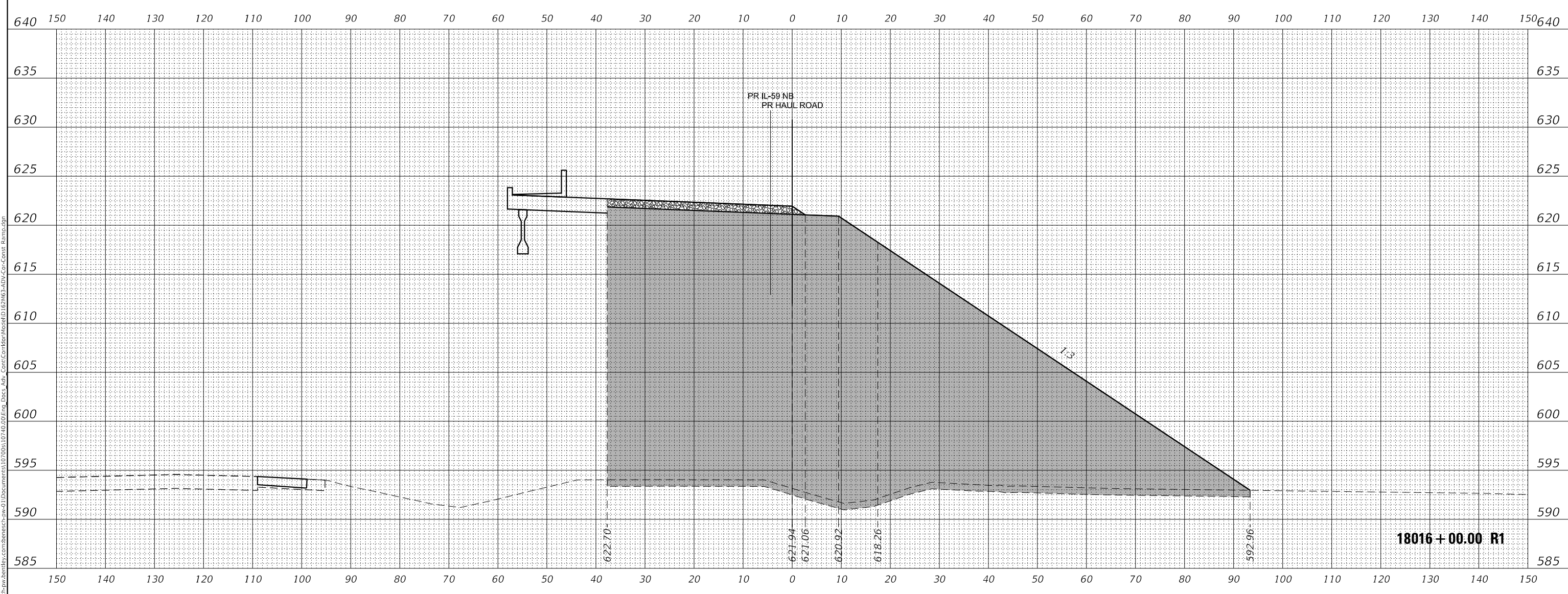
BRIDGE OMISSION

STA 18016+00 TO STA 18019+50

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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PLOT SCALE = 20.0000' / in.	DRAWN - NREYNOLDS	REVISED -
PLOT DATE = 8/18/2020	CHECKED - POBRIEN	REVISED -
	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H 1:10; V 1:5	SHEET 11	OF 63 SHEETS	STA. 18016+00.00 R1 TO STA. 18016+00.00 R1	FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		
			CROSS SECTIONS HAUL ROAD	F.A./P. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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					CONTRACT NO. 62M63			

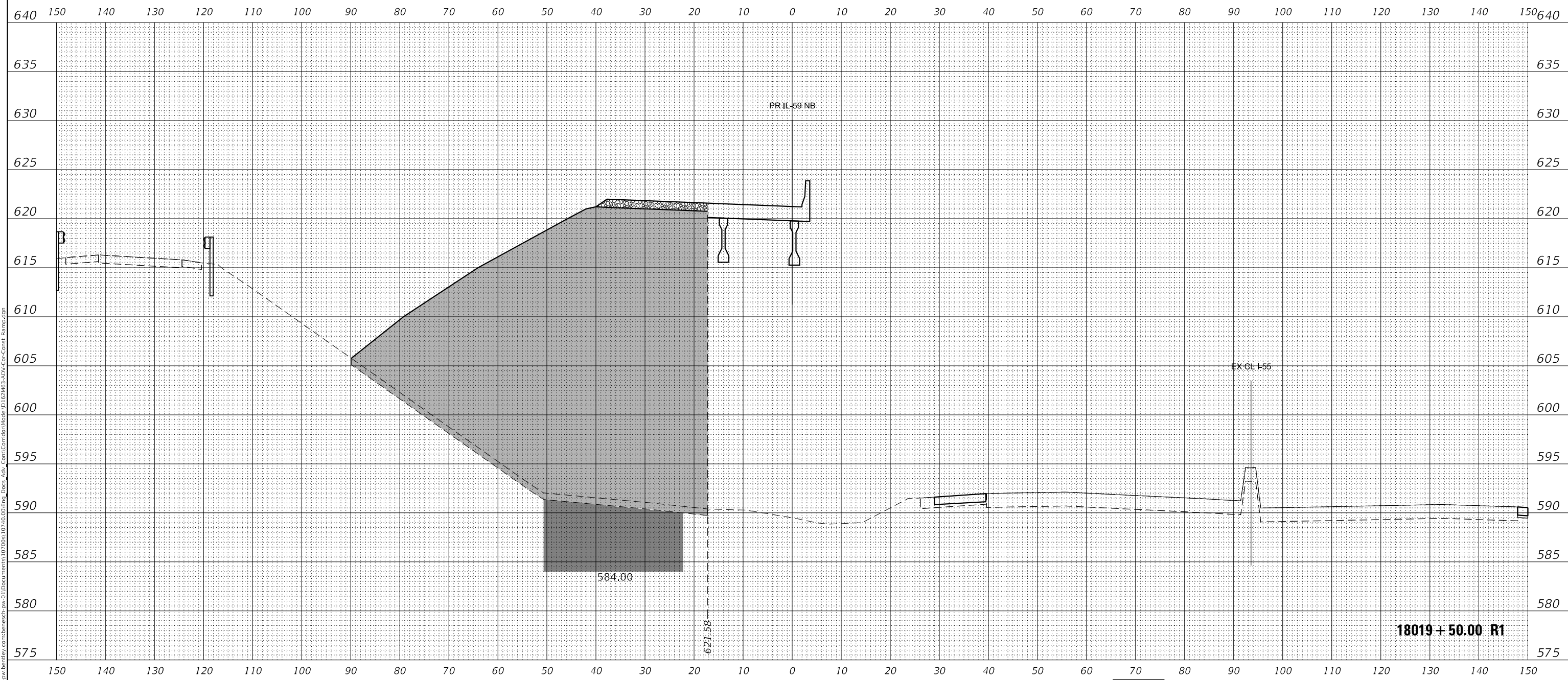
BRIDGE OMISSION

STA 18016+00 TO STA 18019+50

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

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REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL



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PLOT SCALE = 20.0000' / in.	DRAWN - NREYNOLDS	REVISED -
PLOT DATE = 9/18/2020	CHECKED - POBRIEN	REVISED -
	DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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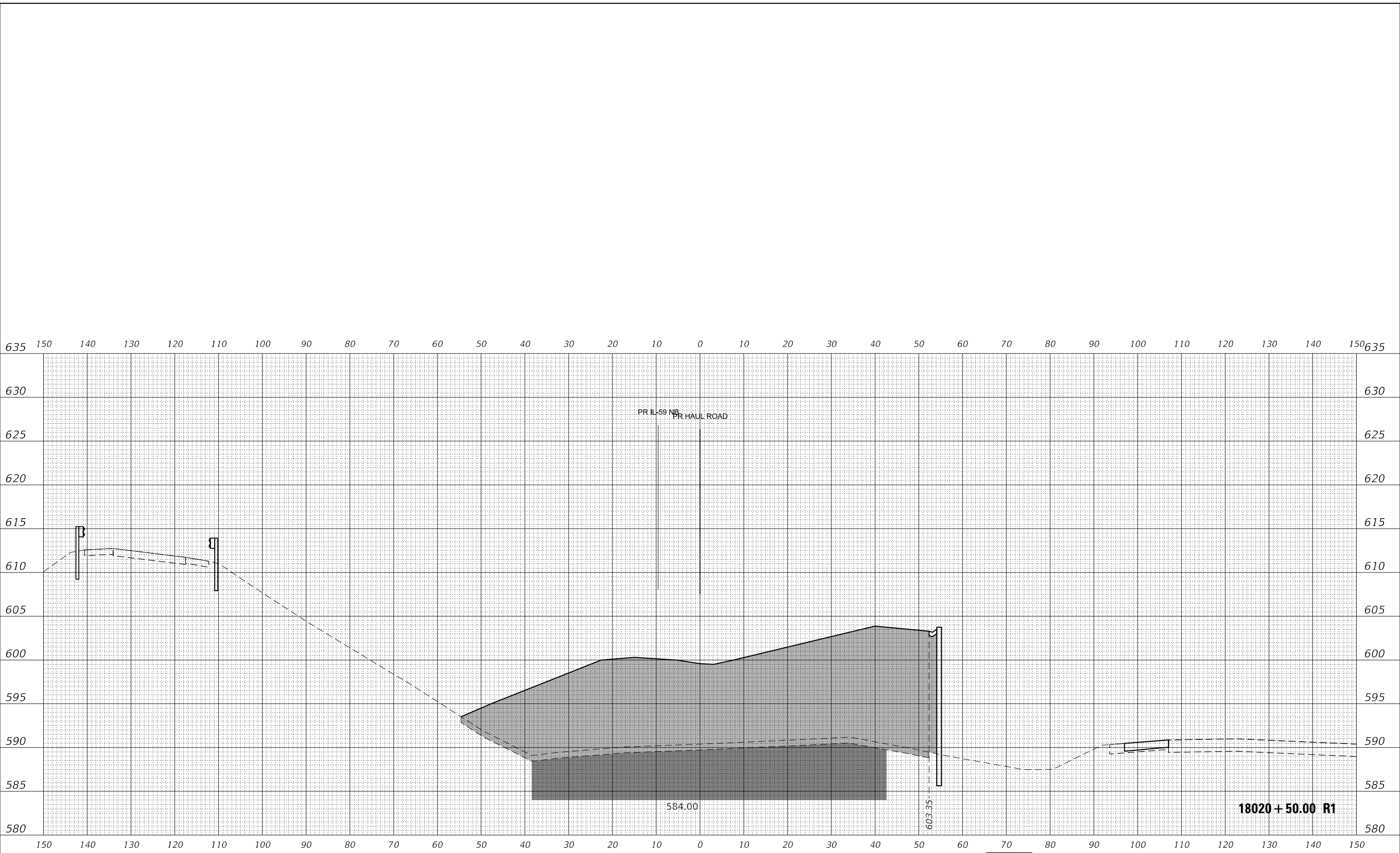
**CROSS SECTIONS
HAUL ROAD**

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	248
CONTRACT NO. 62M63				
ILLINOIS FED. AID PROJECT				

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

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

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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

Alfred Benesch & Company
 35 W Wacker Drive, Suite 3300
 Chicago, Illinois 60601
 312-665-0450 Job No. 10740

USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H 1:10; V 1:5 SHEET 14 OF 63 SHEETS STA. 18020+50.00 R1 TO STA. 18020+50.00 R1

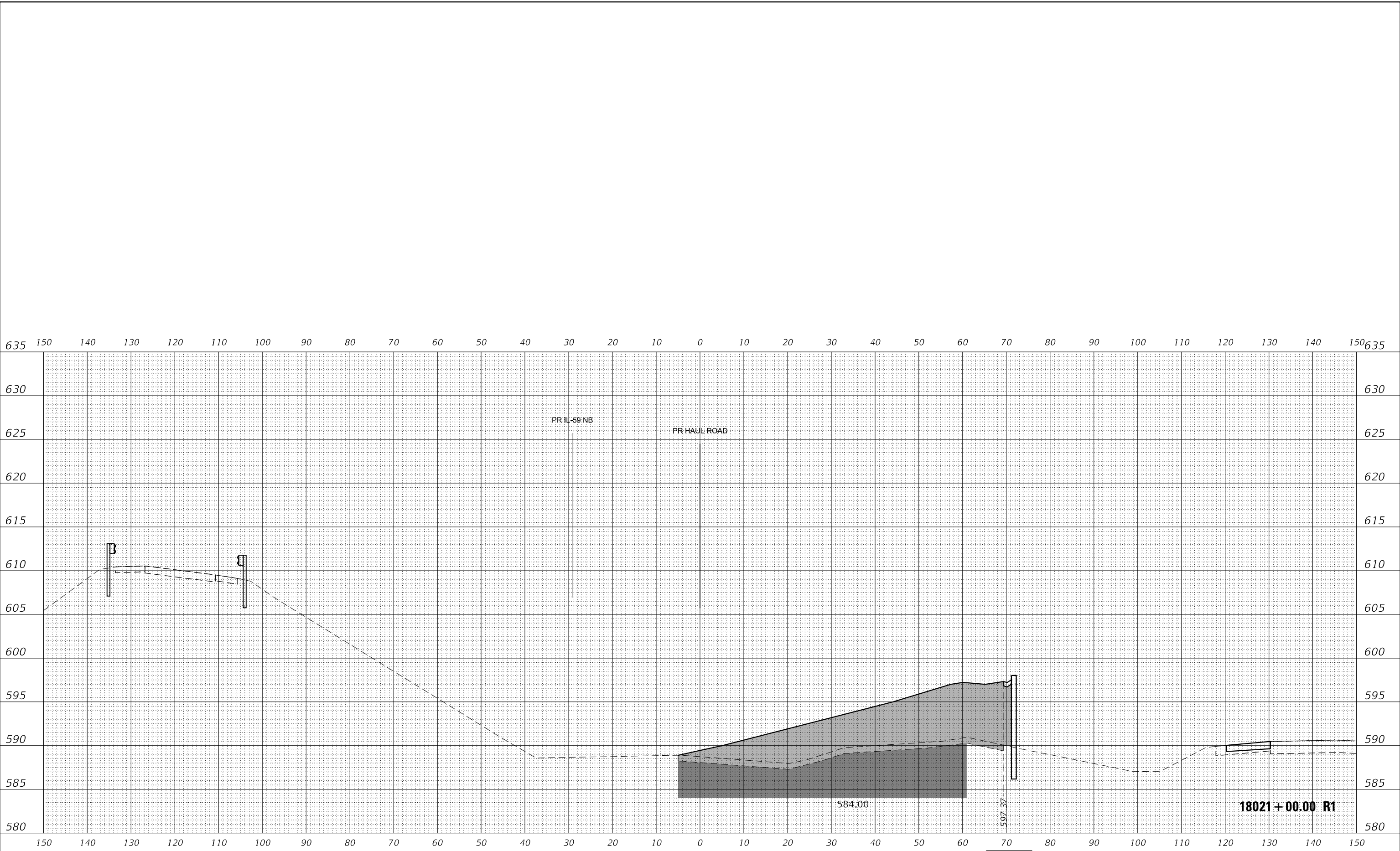
F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	250
CONTRACT NO. 62M63				
ILLINOIS FED. AID PROJECT				

REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL

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

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

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USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - NREYNOLDS	REVISED -
PLOT DATE = 9/18/2020	CHECKED - POBRIEN	REVISED -
	DATE - 9/18/2020	REVISED -

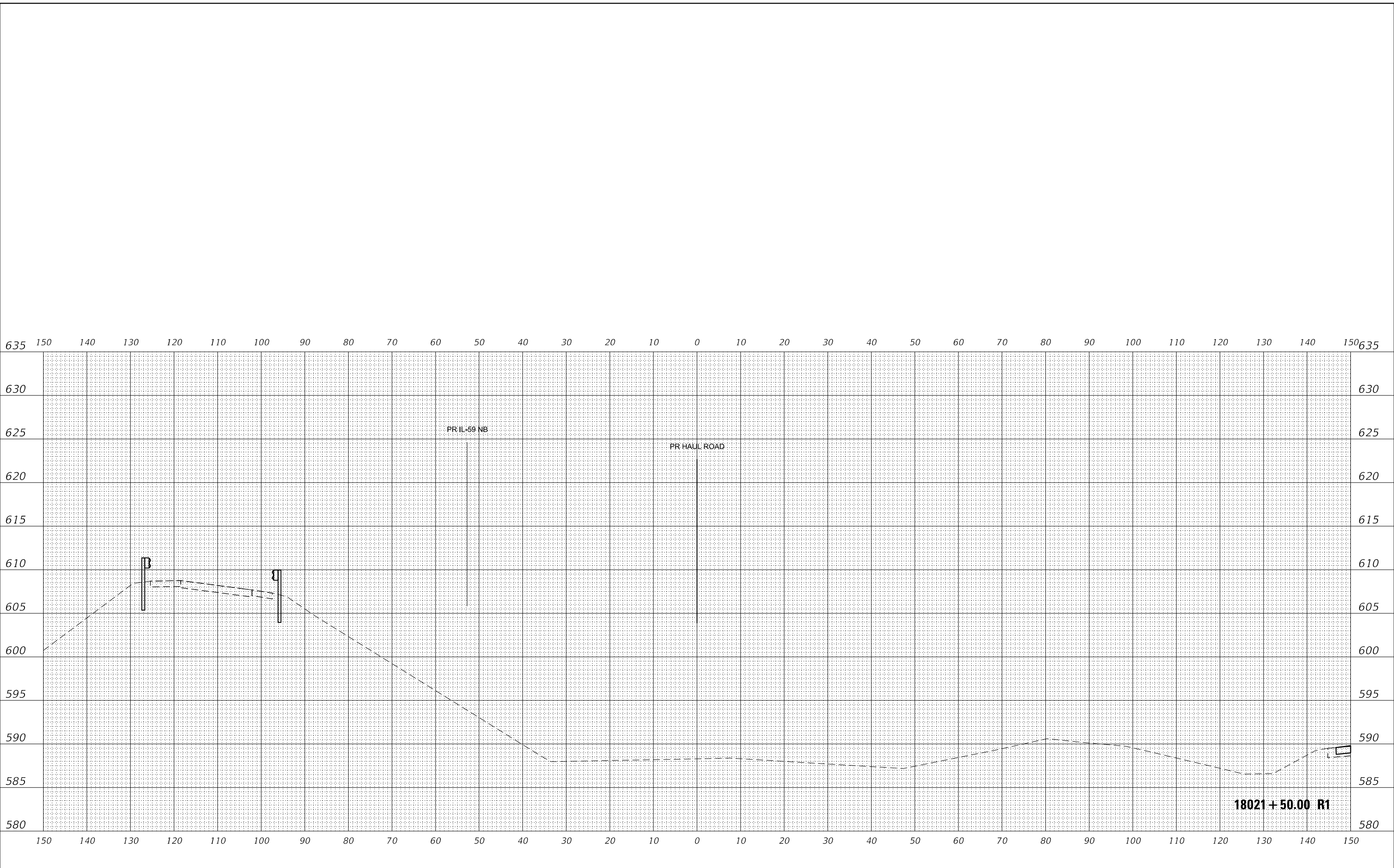
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: H 1:10:V1:5	SHEET 15 OF 63 SHEETS	STA. 18021+00.00 R1 TO STA. 18021+00.00 R1	F&J/P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			*	2020-192-B	WILL	299	251
CONTRACT NO. 62M63			ILLINOIS	FED. AID PROJECT			

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: H 1:10:V1:5	SHEET 16	OF 63 SHEETS	STA. 18021+50.00 R1 TO STA. 18021+50.00 R1
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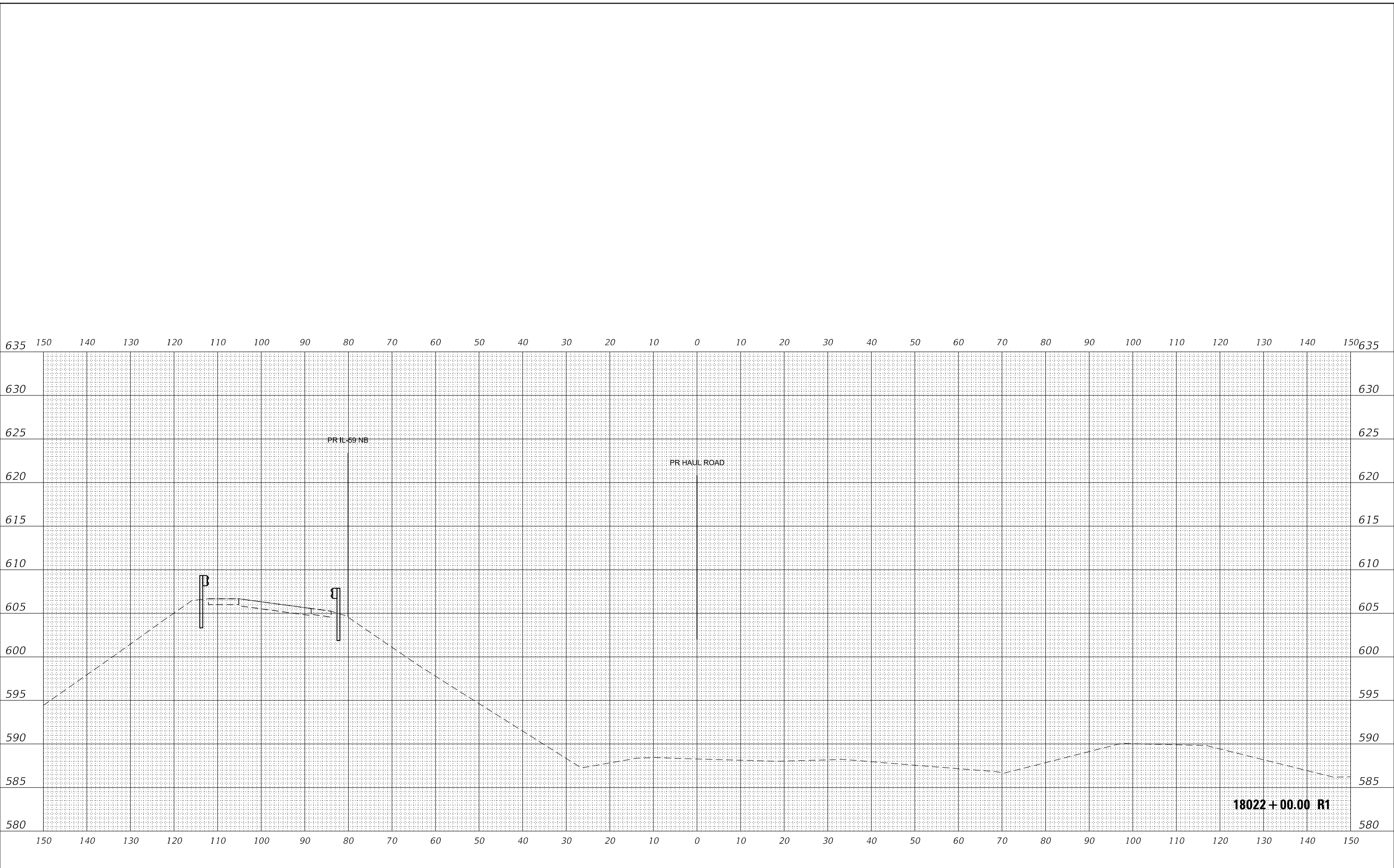
**CROSS SECTIONS
HAUL ROAD**

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	252
CONTRACT NO. 62M63				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H 1:10:V1:5	SHEET 17	OF 63 SHEETS	STA. 18022+00.00 R1 TO STA. 18022+00.00 R1
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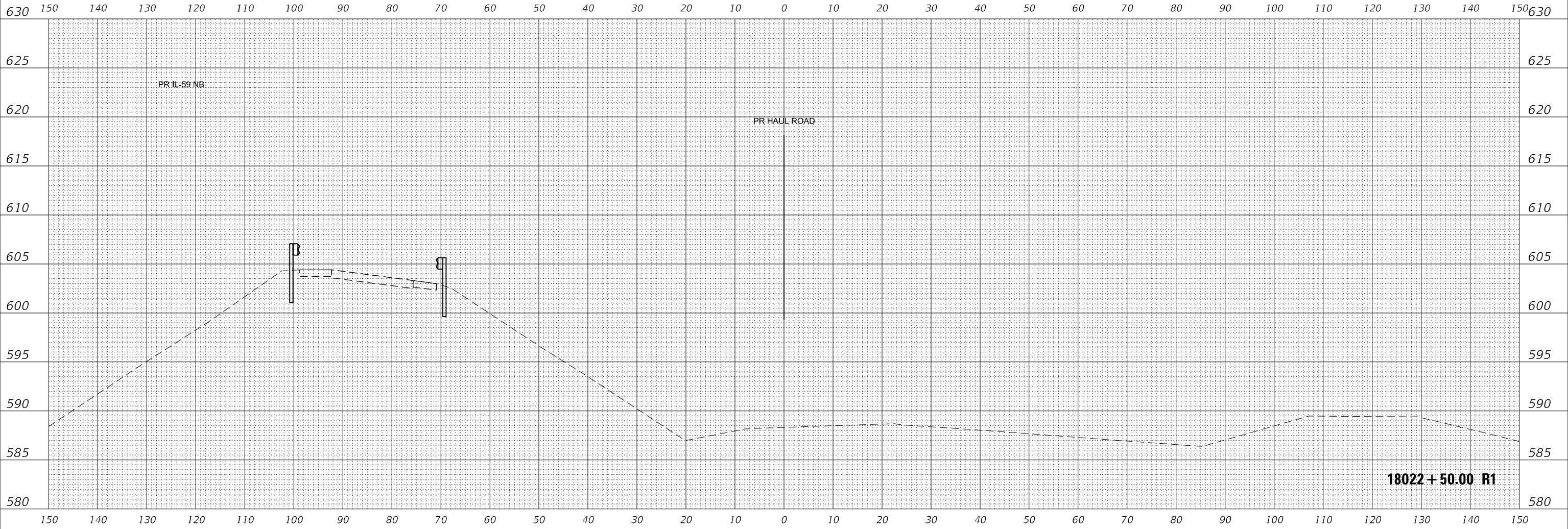
**CROSS SECTIONS
 HAUL ROAD**

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	253
CONTRACT NO. 62M63				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = nReynolds
PLOT SCALE = 20.0000' / in.
PLOT DATE = 9/18/2020

DESIGNED - TKLUEGEL	REVISED -
DRAWN - NREYNOLDS	REVISED -
CHECKED - POBRIEN	REVISED -
DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 HAUL ROAD**

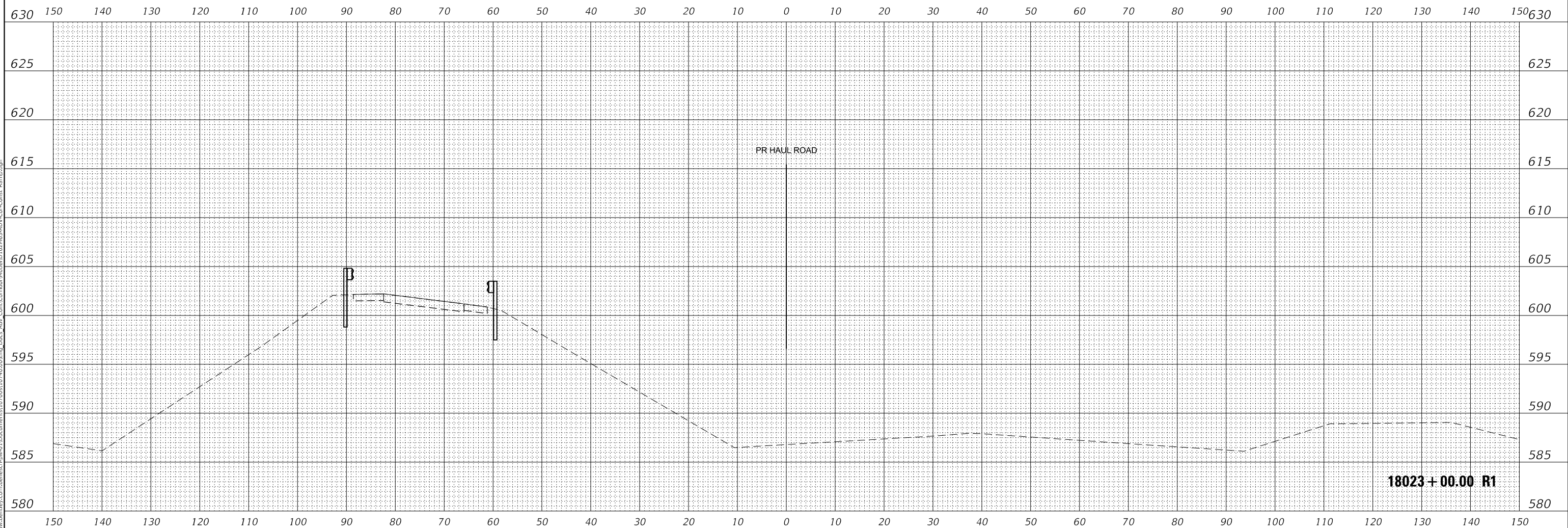
SCALE: H 1:10; V 1:5 SHEET 18 OF 63 SHEETS STA. 18022+50.00 R1 TO STA. 18022+50.00 R1 FAI 55, FAP 338 ILLINOIS FED. AID PROJECT

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	254
			CONTRACT NO. 62M63	

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

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

MODEL: ADV-A191n
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USER NAME = nReynolds
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 9/18/2020

DESIGNED - TKLUEGEL	REVISED -
DRAWN - NREYNOLDS	REVISED -
CHECKED - POBRIEN	REVISED -
DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

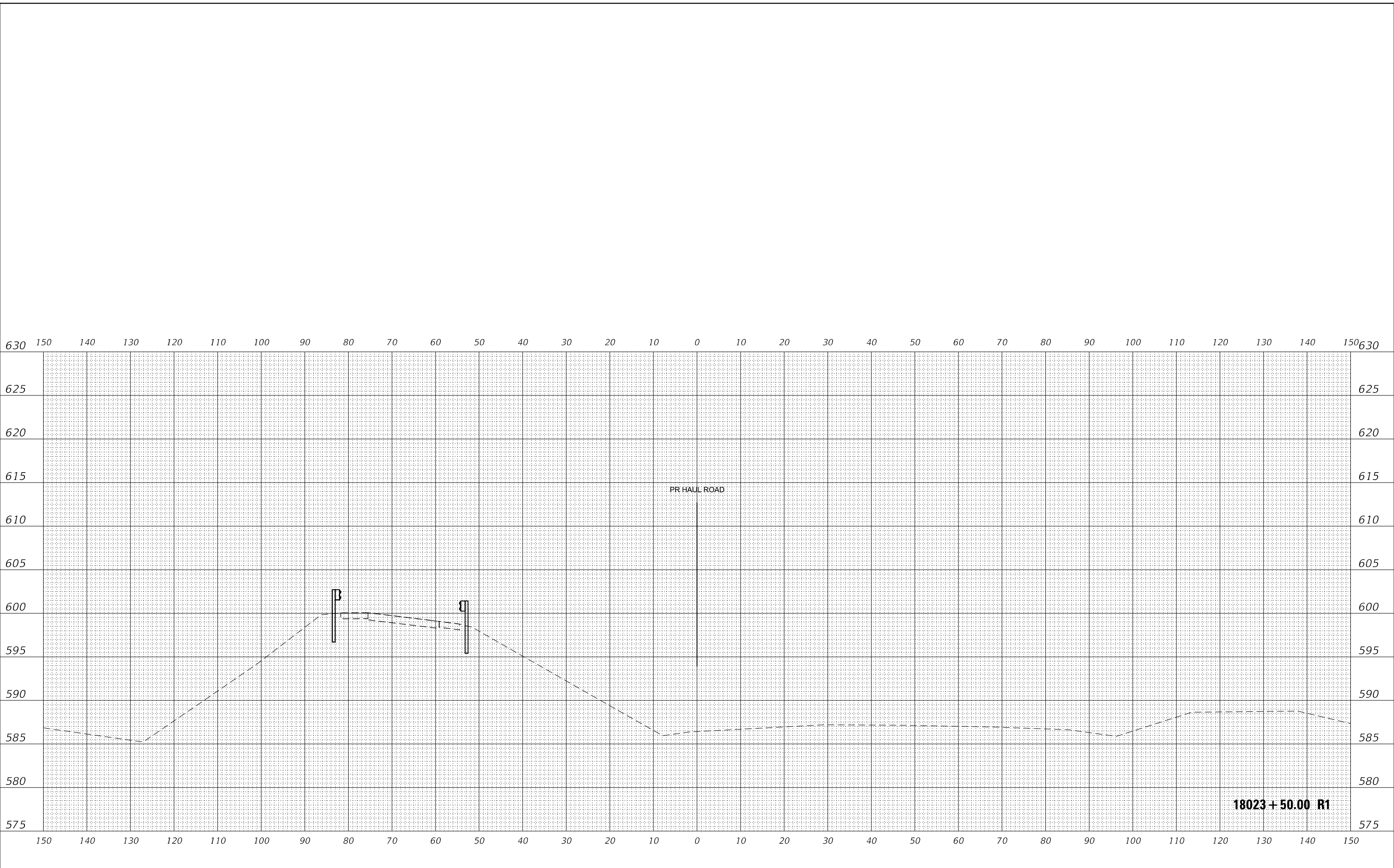
**CROSS SECTIONS
 HAUL ROAD**

SCALE: H 1:10; V 1:5	SHEET 19 OF 63 SHEETS	STA. 18023+00.00 R1 TO STA. 18023+00.00 R1	F.A./P.RTE. *	SECTION 2020-192-B	COUNTY WILL	TOTAL SHEETS 299	SHEET NO. 255
			ILLINOIS		CONTRACT NO. 62M63		
			FED. AID PROJECT				

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

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

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USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 HAUL ROAD**

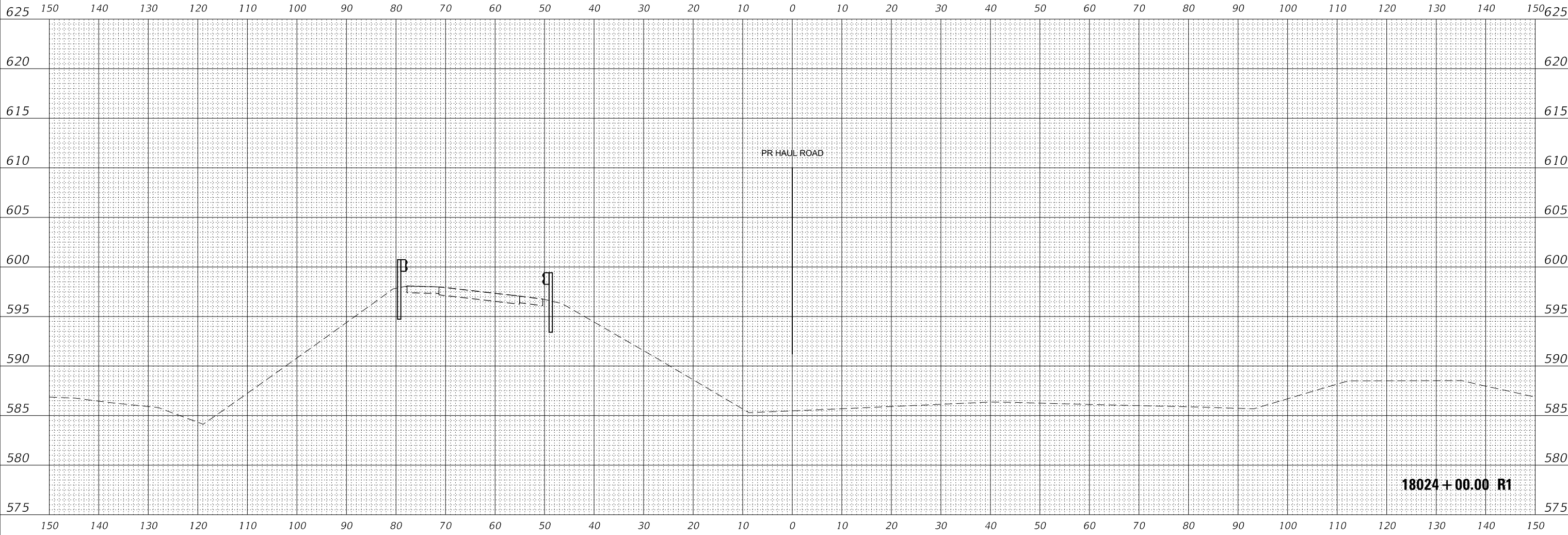
SCALE: H 1:10:V1:5	SHEET 20	OF 63 SHEETS	STA. 18023+50.00 R1 TO STA. 18023+50.00 R1	FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT
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F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	256
CONTRACT NO. 62M63				

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

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

MODEL: ADV-A1.rpt
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USER NAME = nReynolds
DESIGNED - TKLUEGEL
REVISIONS
DRAWN - NREYNOLDS
REVISIONS
PLOT SCALE = 20.0000 ' / in.
CHECKED - POBRIEN
REVISIONS
PLOT DATE = 9/18/2020
DATE - 9/18/2020
REVISIONS

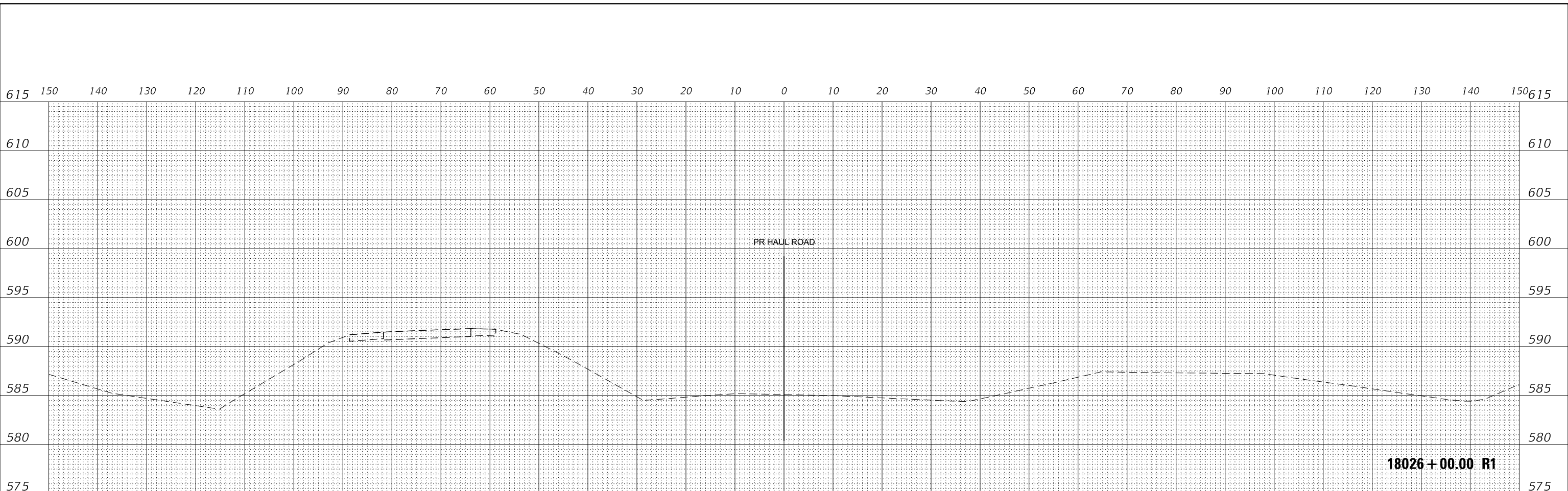
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H 1:10; V 1:5	SHEET 21	OF 63 SHEETS	STA. 18024+00.00 R1 TO STA. 18024+00.00 R1
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CROSS SECTIONS
HAUL ROAD

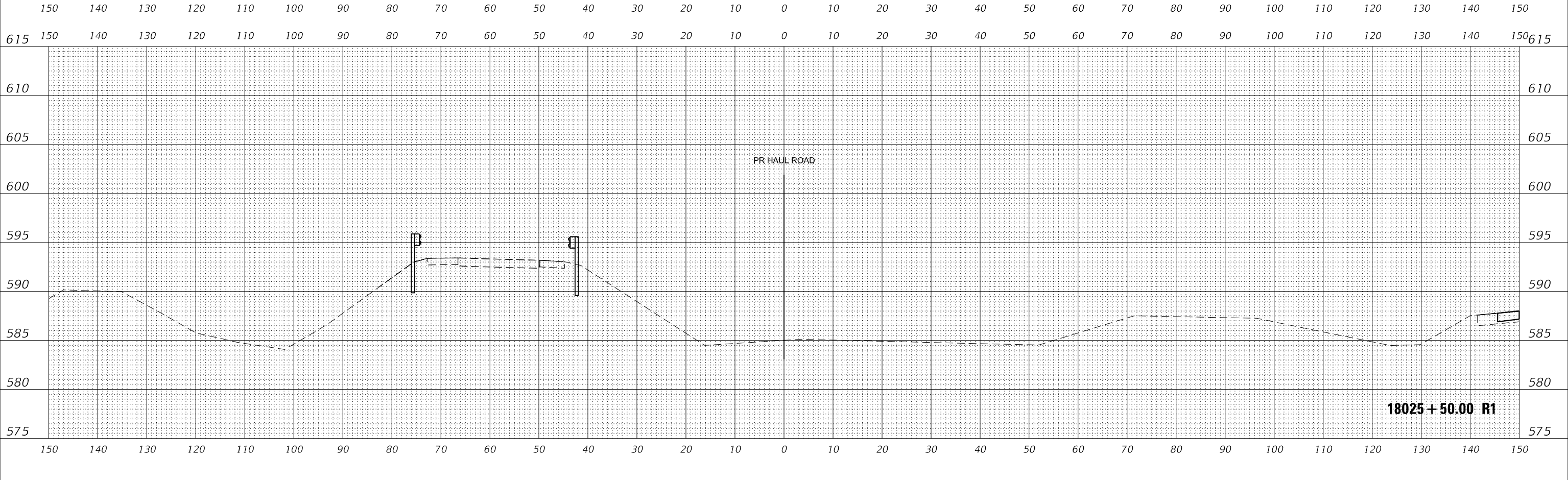
F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	257
				CONTRACT NO. 62M63
FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

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



18026+00.00 R1

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



18025+50.00 R1



USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

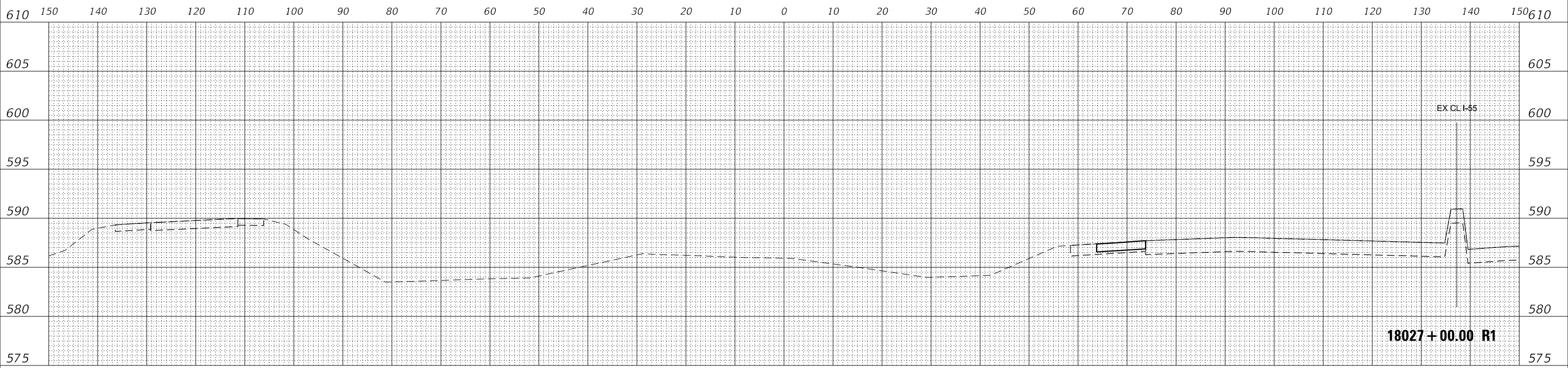
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
HAUL ROAD

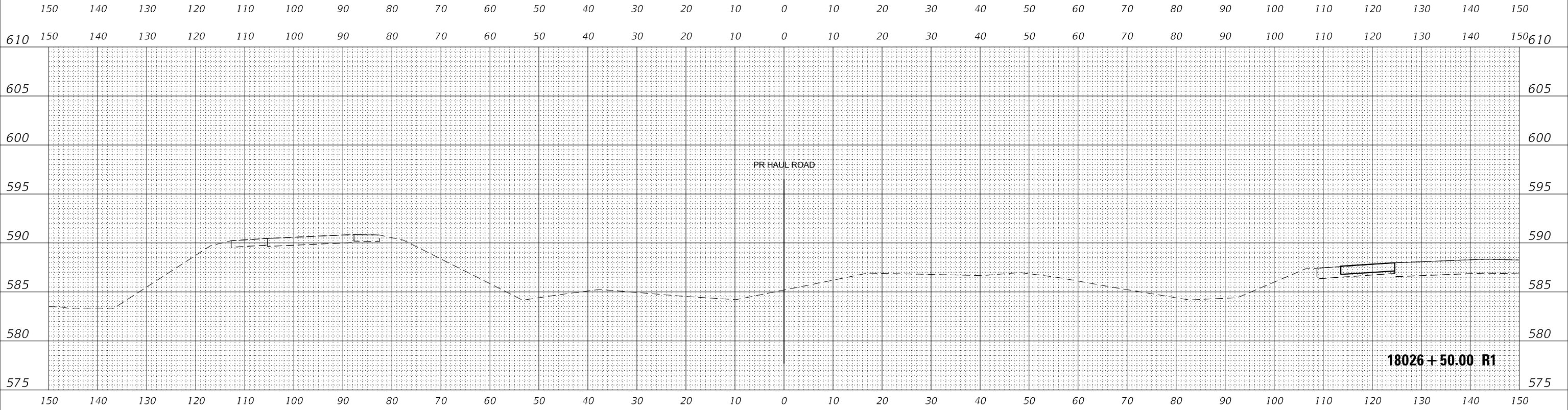
SCALE: H 1:10: V 1:5 SHEET 23 OF 63 SHEETS STA. 18025+50.00 R1 TO STA. 18026+00.00 R1 FAI 55, FAP 338 ILLINOIS FED. AID PROJECT

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	259
CONTRACT NO. 62M63				

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



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

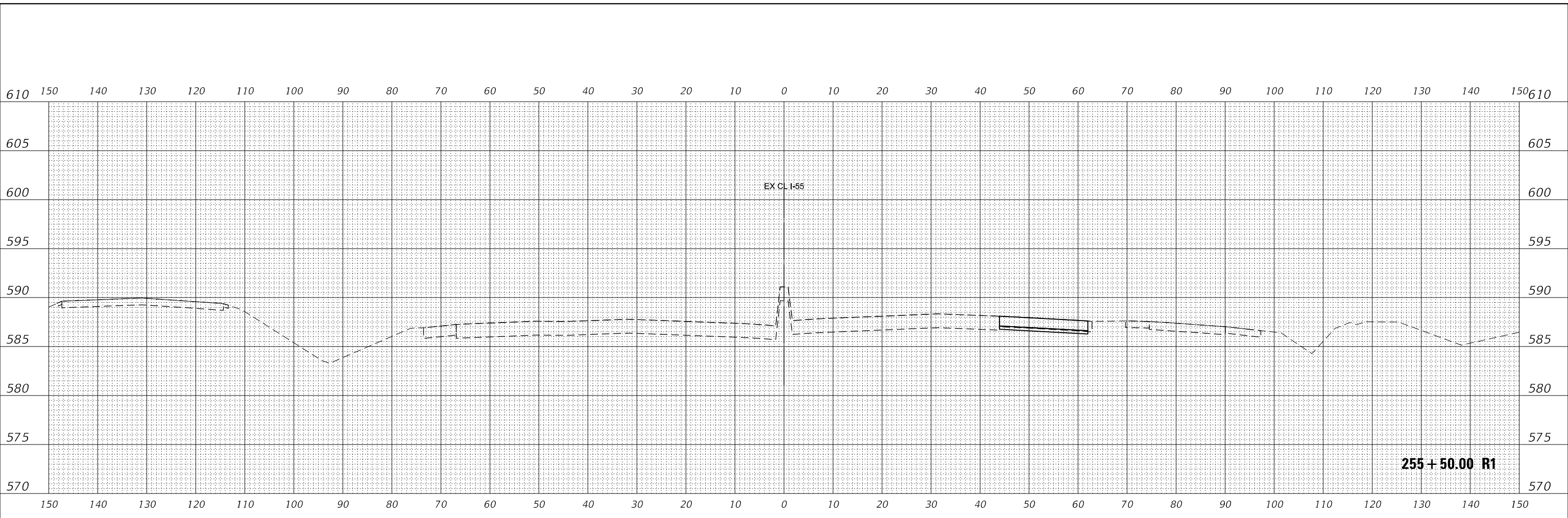


USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

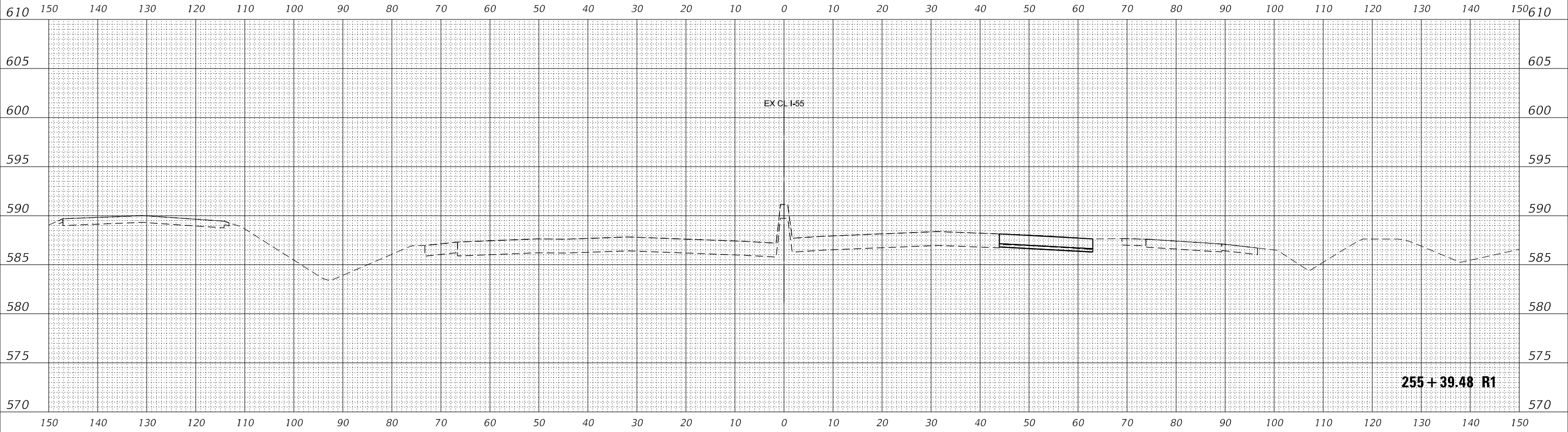
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: H 1:10; V 1:5		SHEET 24 OF 63 SHEETS		STA. 18026+50.00 R1 TO STA. 18027+00.00 R1		FAI 55, FAP 338		ILLINOIS		FED. AID PROJECT	
CROSS SECTIONS HAUL ROAD		SECTION 2020-192-B		COUNTY WILL		TOTAL SHEETS 299		SHEET NO. 260		CONTRACT NO. 62M63	

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



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



USER NAME = nreynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
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PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

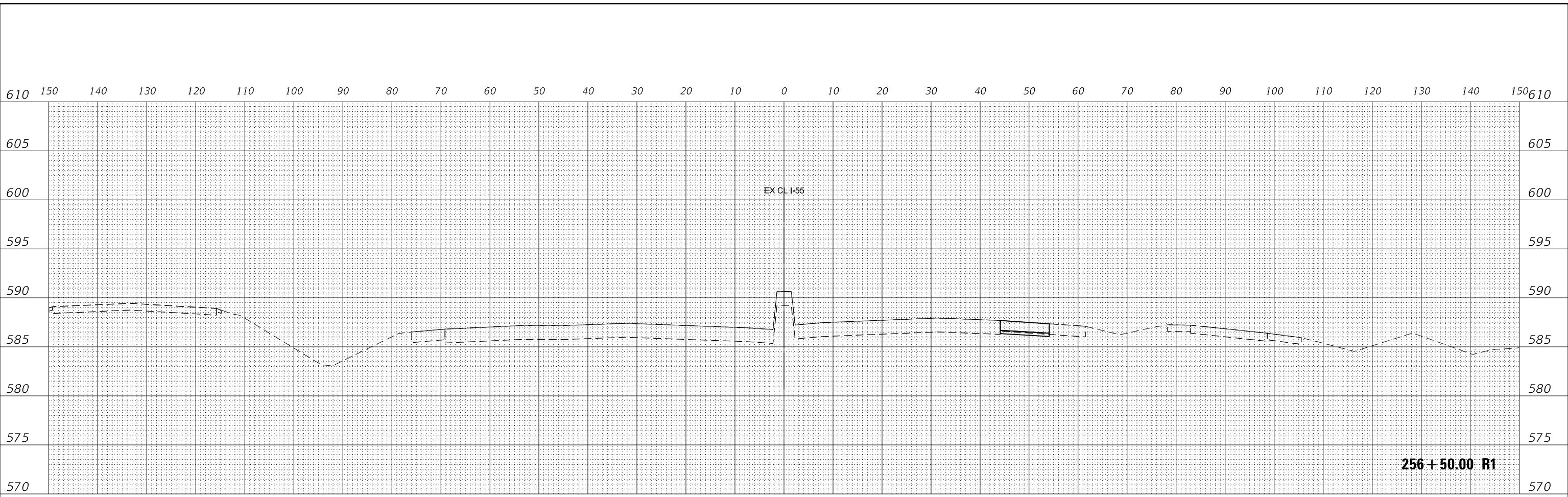
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H 1:10:V1:5		SHEET 25 OF 63 SHEETS		STA. 255+39.48 R1 TO STA. 255+50.00 R1	
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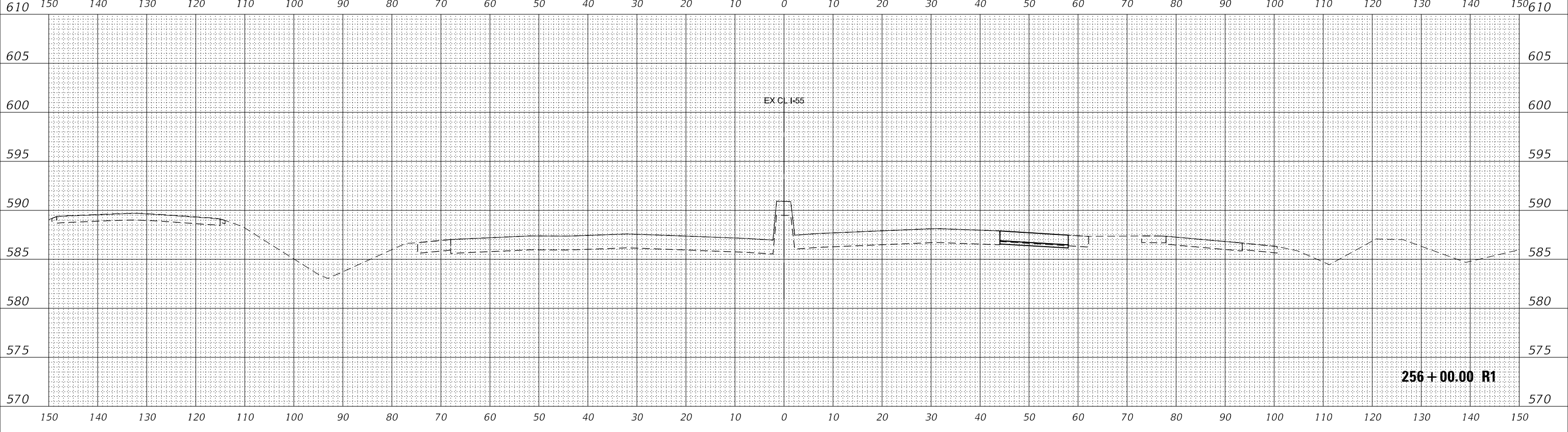
CROSS SECTIONS
I-55

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	261
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



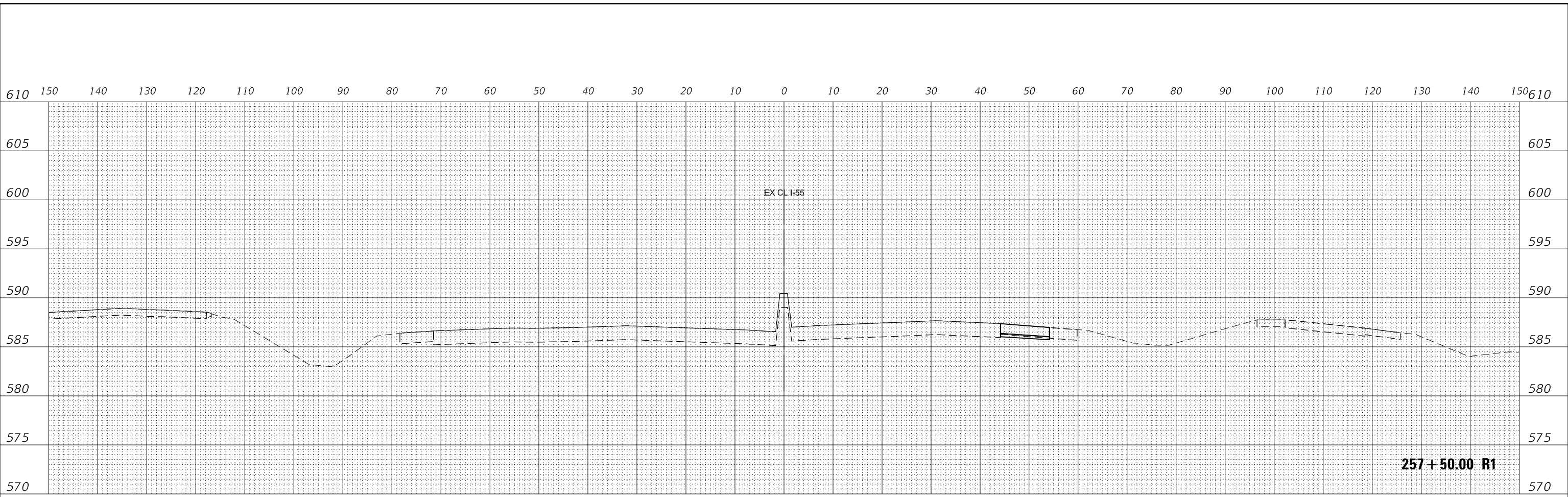
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PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

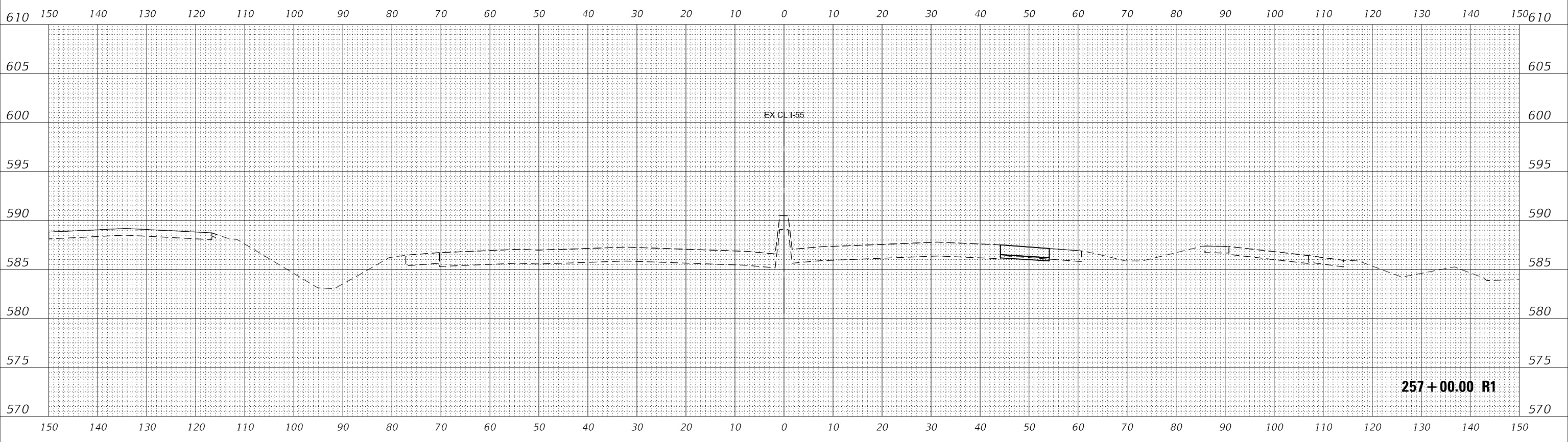
CROSS SECTIONS	
I-55	
SCALE: H 1:10; V 1:5	SHEET 26 OF 63 SHEETS
STA. 256+00.00 R1 TO STA. 256+50.00 R1	

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	262
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



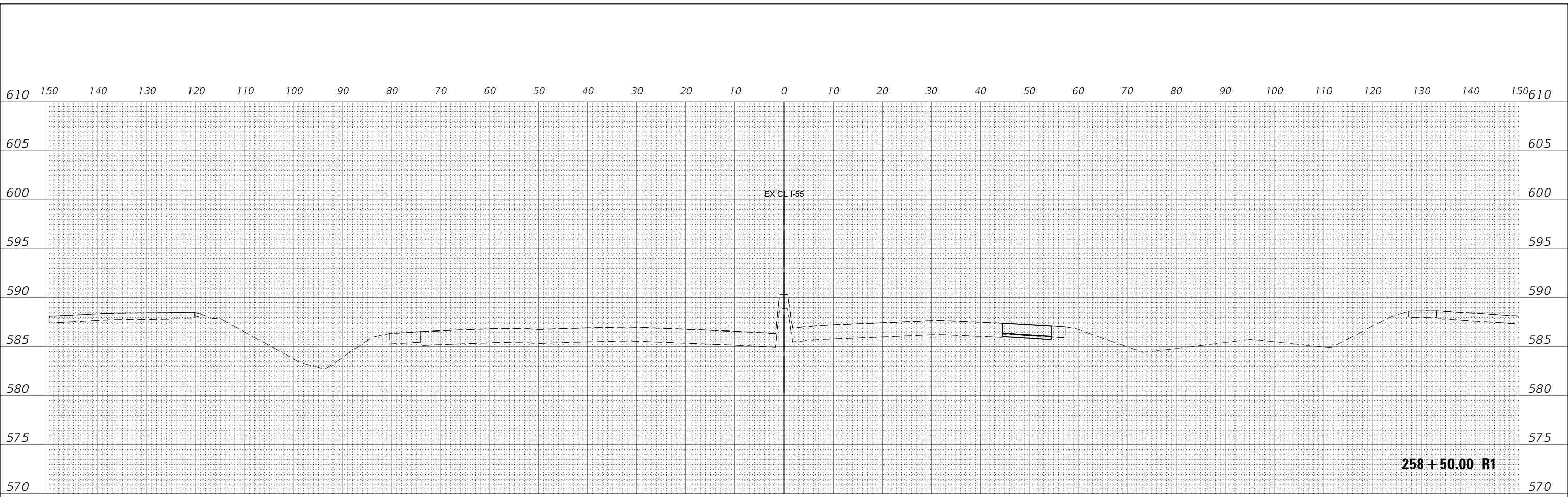
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PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

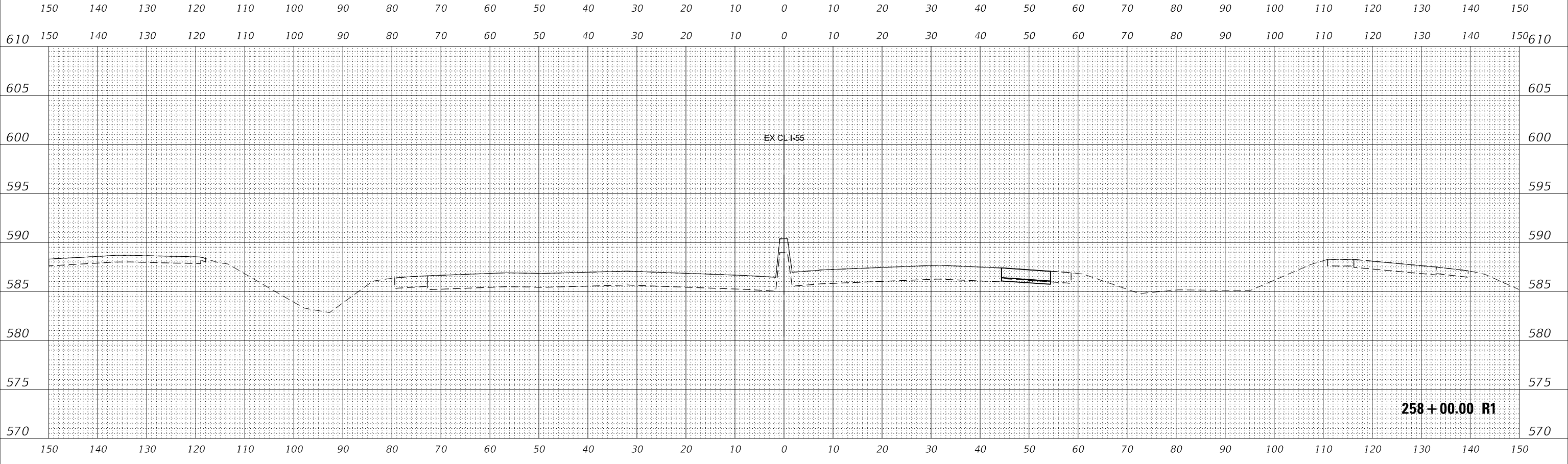
CROSS SECTIONS	
I-55	
SCALE: H 1:10:V1:5	SHEET 27 OF 63 SHEETS
STA. 257+00.00 R1 TO STA. 257+50.00 R1	

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	263
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



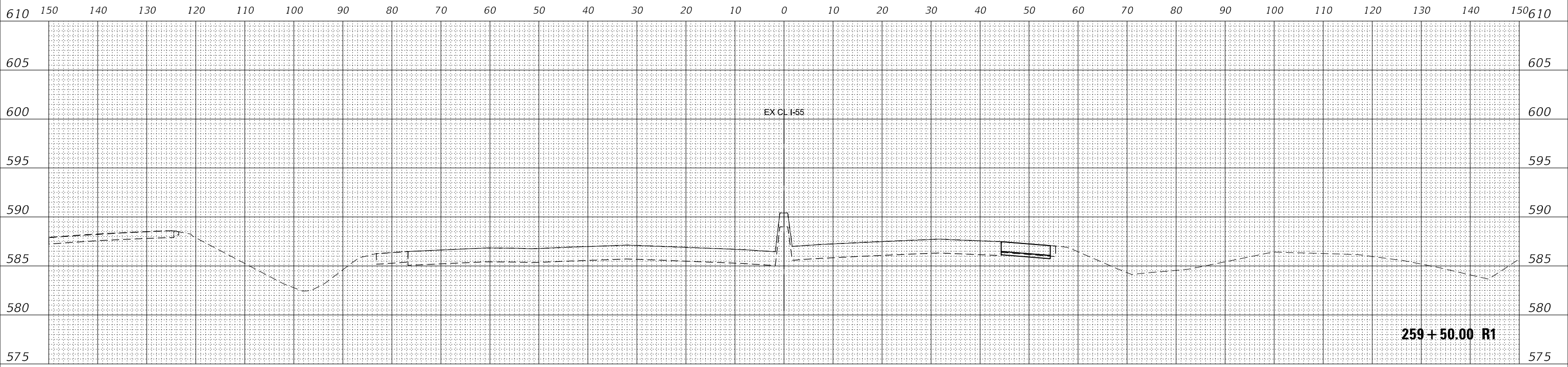
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	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

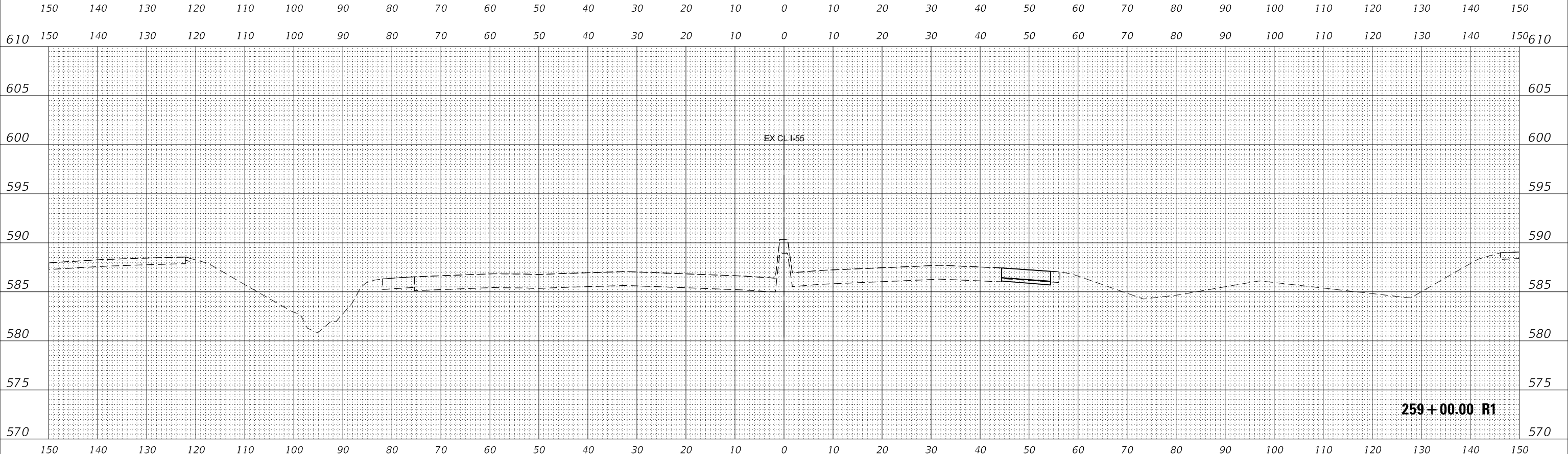
CROSS SECTIONS	
I-55	
SCALE: H 1:10:V1:5	SHEET 28 OF 63 SHEETS
STA. 258+00.00 R1 TO STA. 258+50.00 R1	

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	264
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



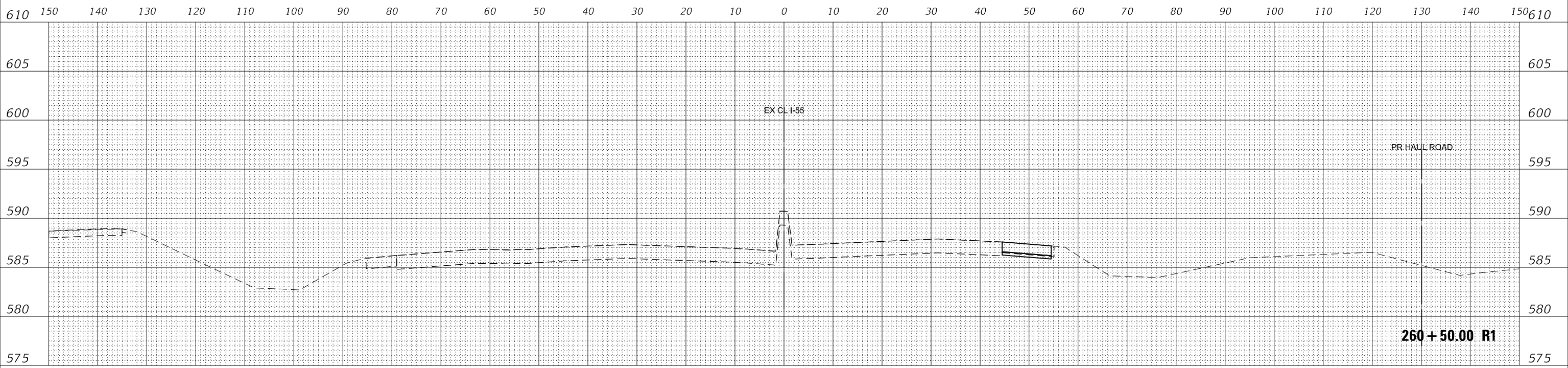
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	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

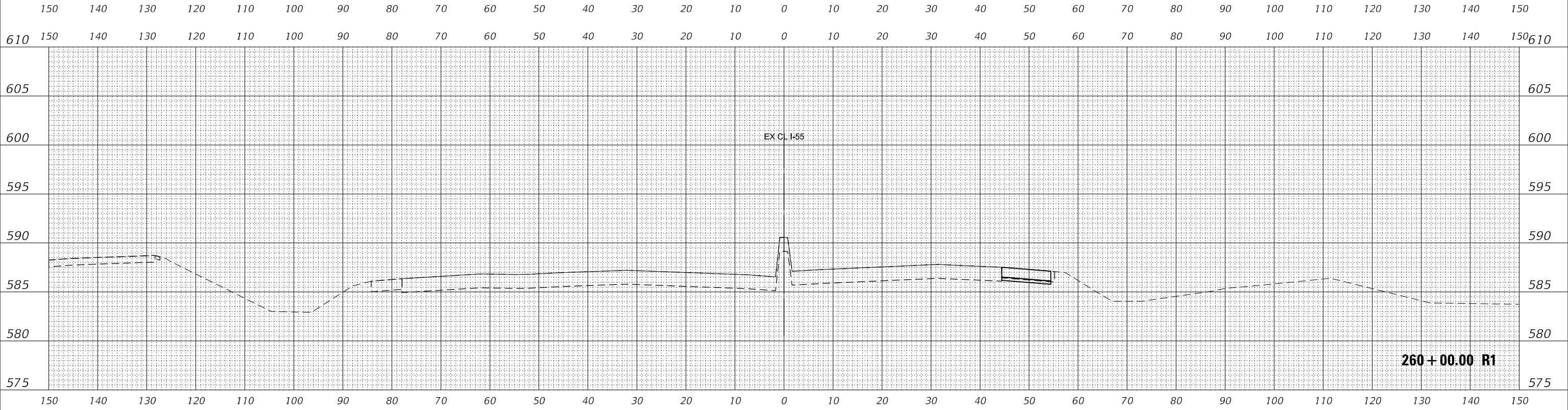
CROSS SECTIONS			
I-55			
SCALE: H 1:10; V 1:5	SHEET 29	OF 63 SHEETS	STA. 259+00.00 R1 TO STA. 259+50.00 R1

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	265
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



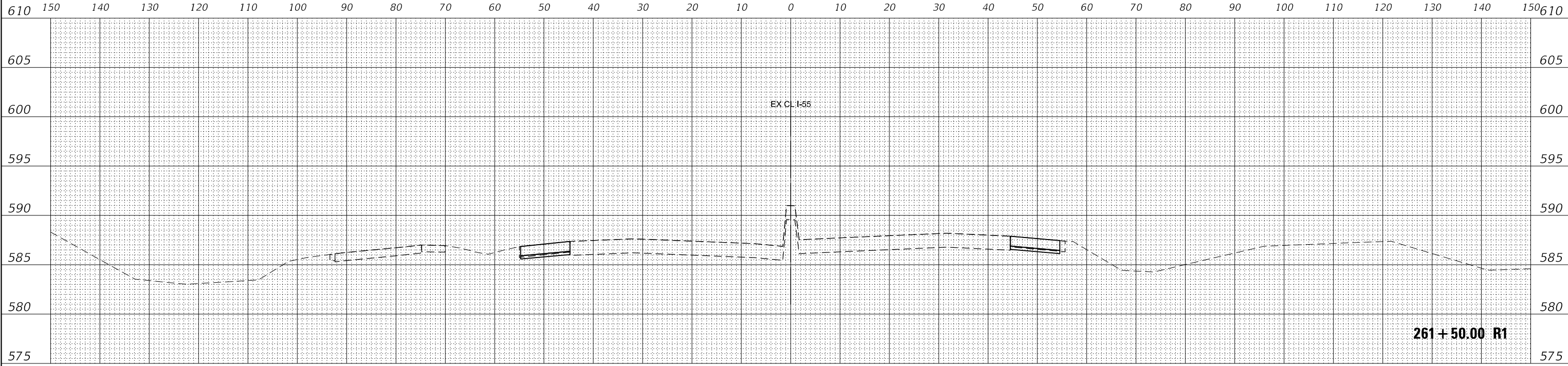
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	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

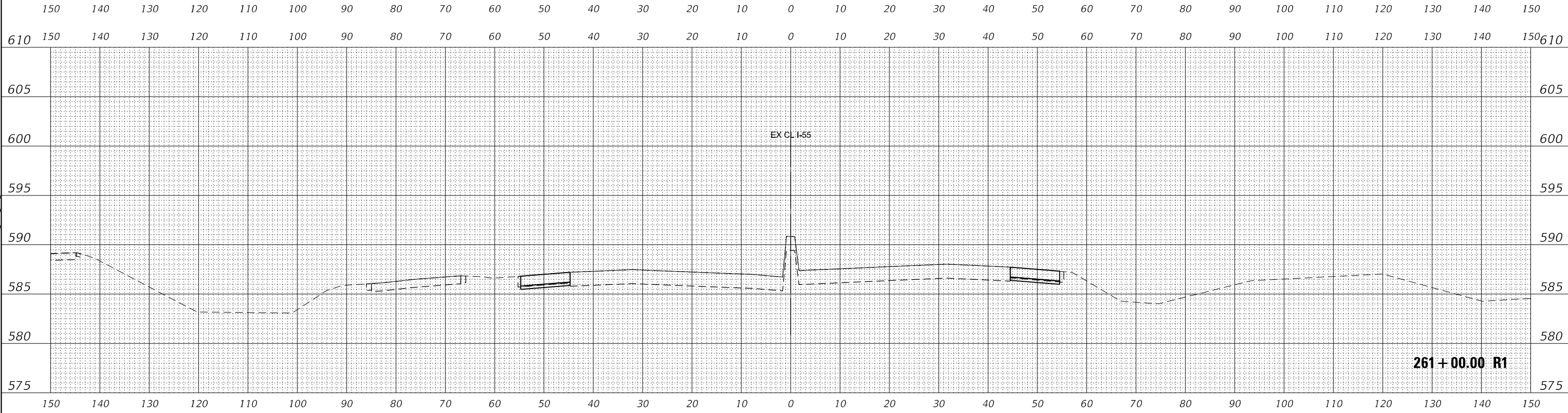
CROSS SECTIONS			
I-55			
SCALE: H 1:10:V1:5	SHEET 30	OF 63 SHEETS	STA. 260+00.00 R1 TO STA. 260+50.00 R1

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	266
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



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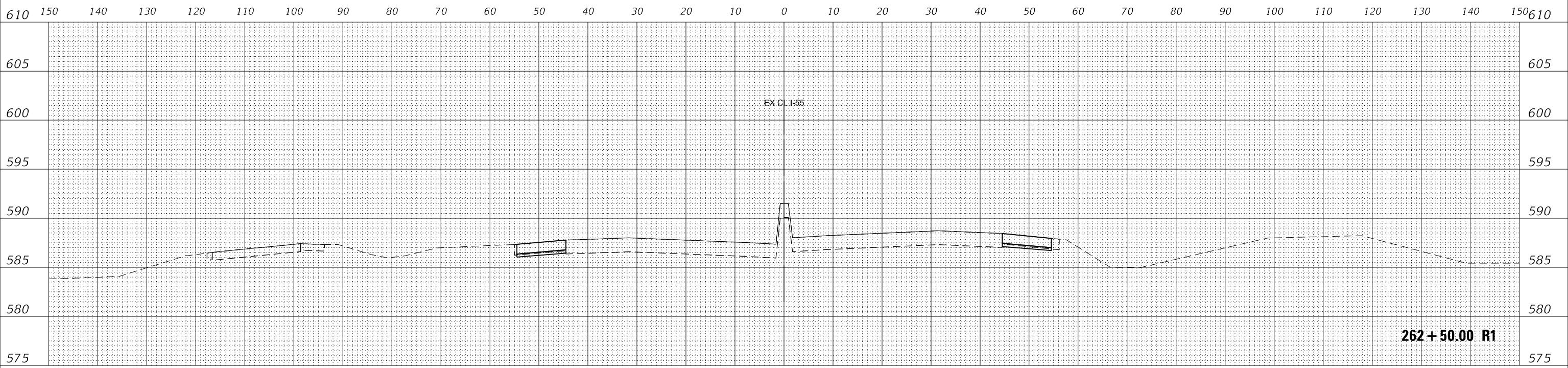
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PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

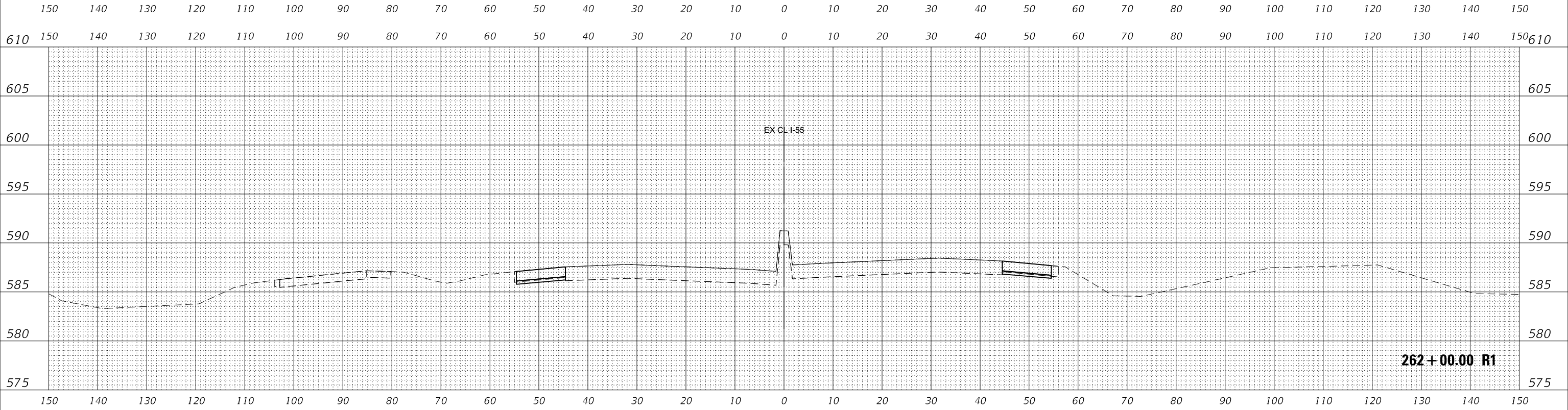
CROSS SECTIONS		
I-55		
SCALE: H 1:10:V1:5	SHEET 31	OF 63 SHEETS
STA. 261+00.00 R1 TO STA. 261+50.00 R1		

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	267
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



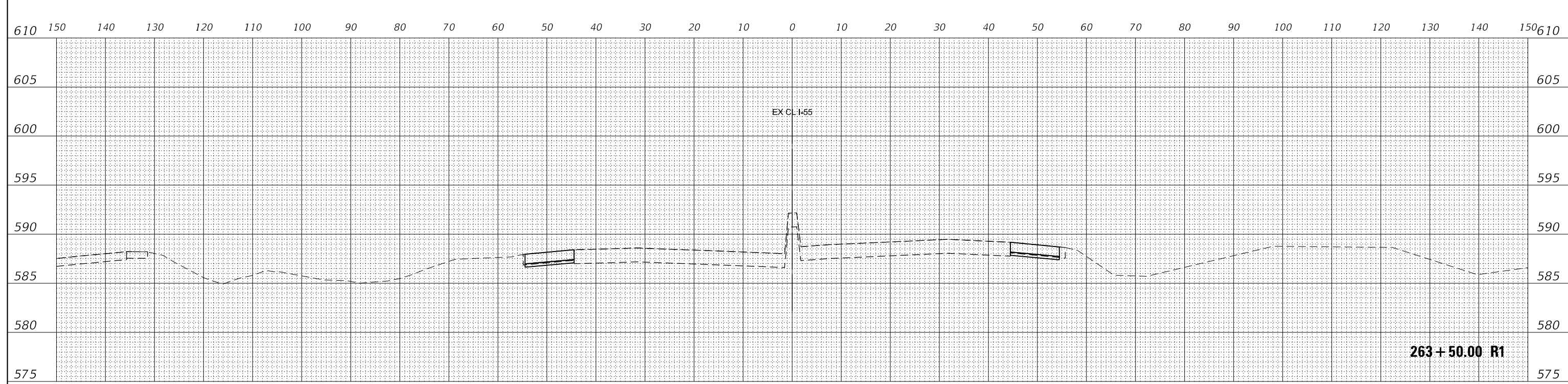
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PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

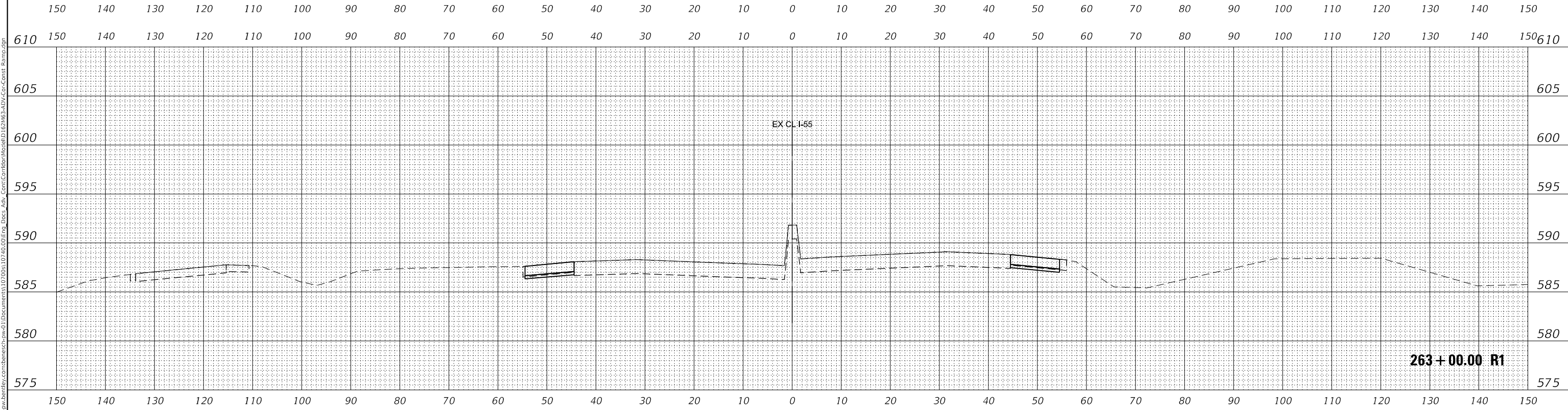
CROSS SECTIONS			
I-55			
SCALE: H 1:10:V1:5	SHEET 32	OF 63 SHEETS	STA. 262+00.00 R1 TO STA. 262+50.00 R1

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	268
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



MODEL: EX15_M1CL
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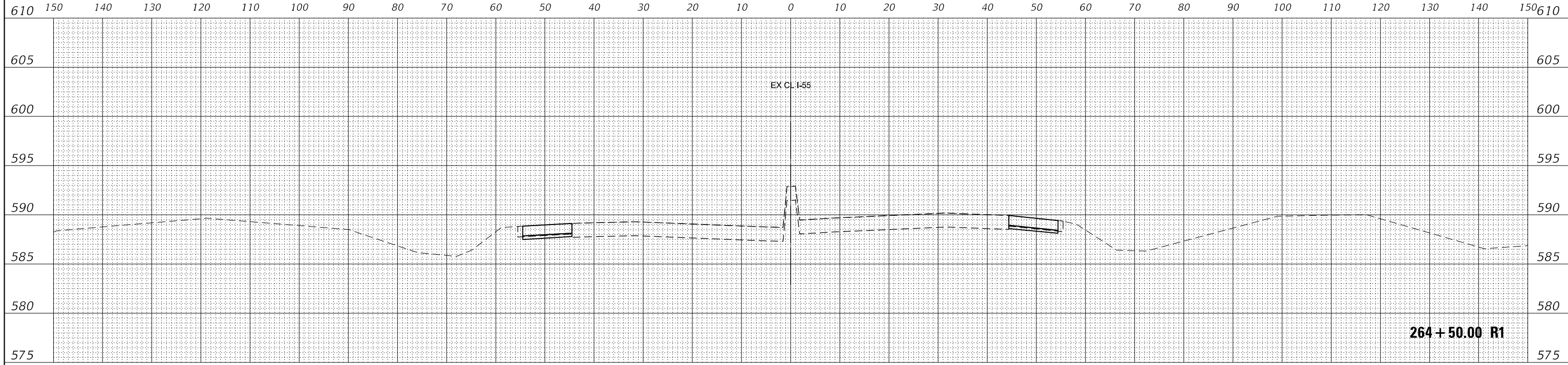
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	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

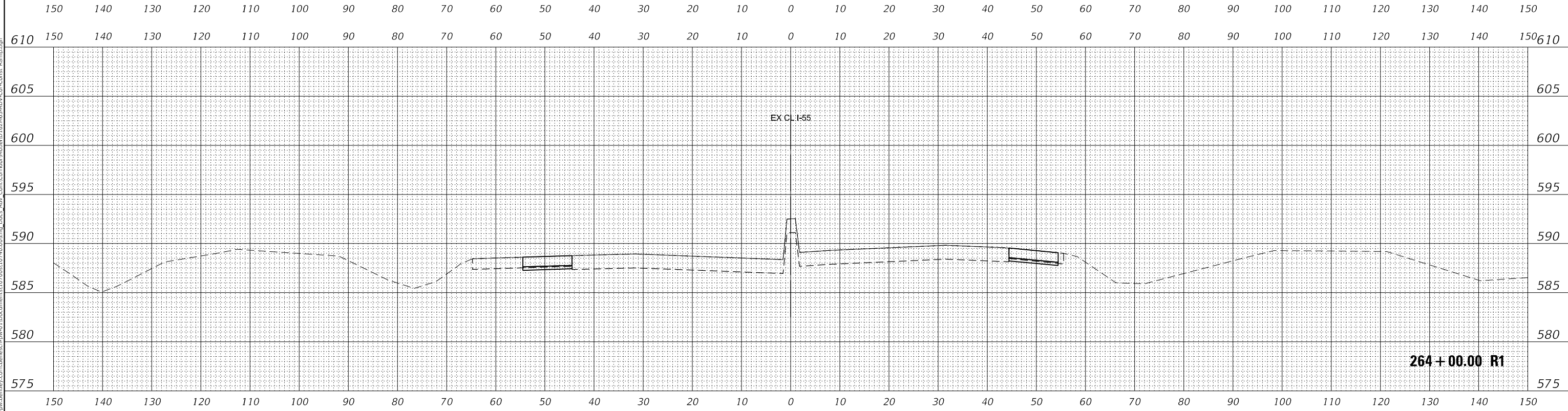
CROSS SECTIONS			
I-55			
SCALE: H 1:10:V1:5	SHEET 33	OF 63 SHEETS	STA. 263+00.00 R1 TO STA. 263+50.00 R1

F.A.I.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	269
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



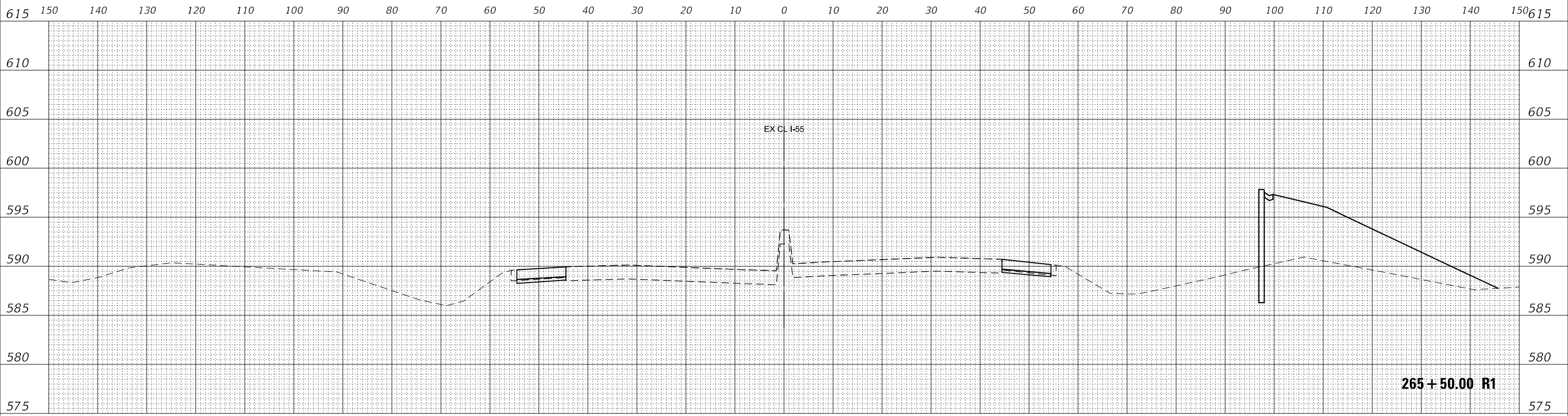
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	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

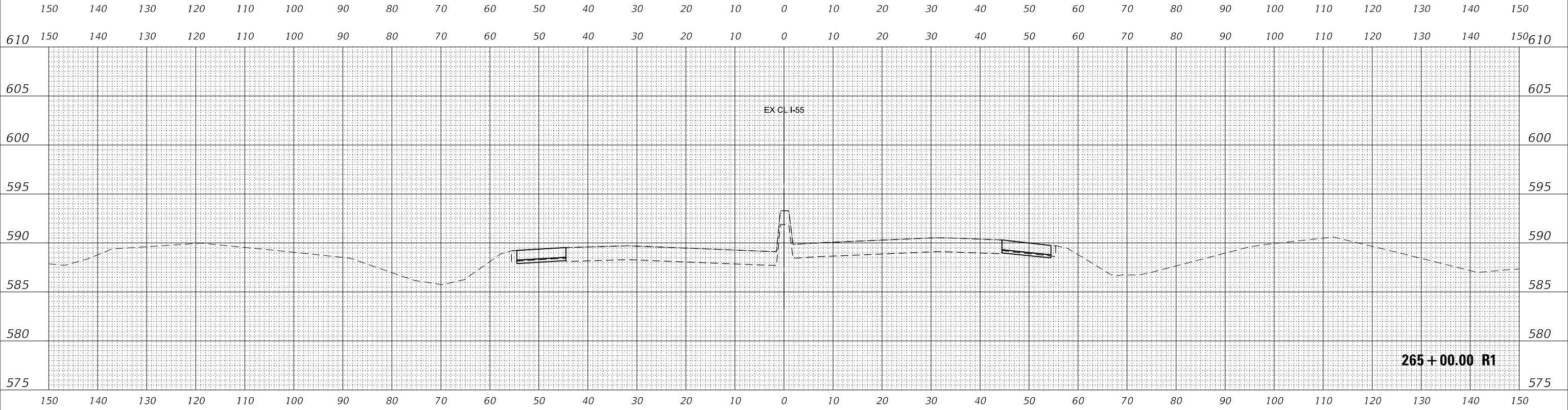
CROSS SECTIONS			
I-55			
SCALE: H 1:10; V 1:5	SHEET 34	OF 63 SHEETS	STA. 264+00.00 R1 TO STA. 264+50.00 R1

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	270
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

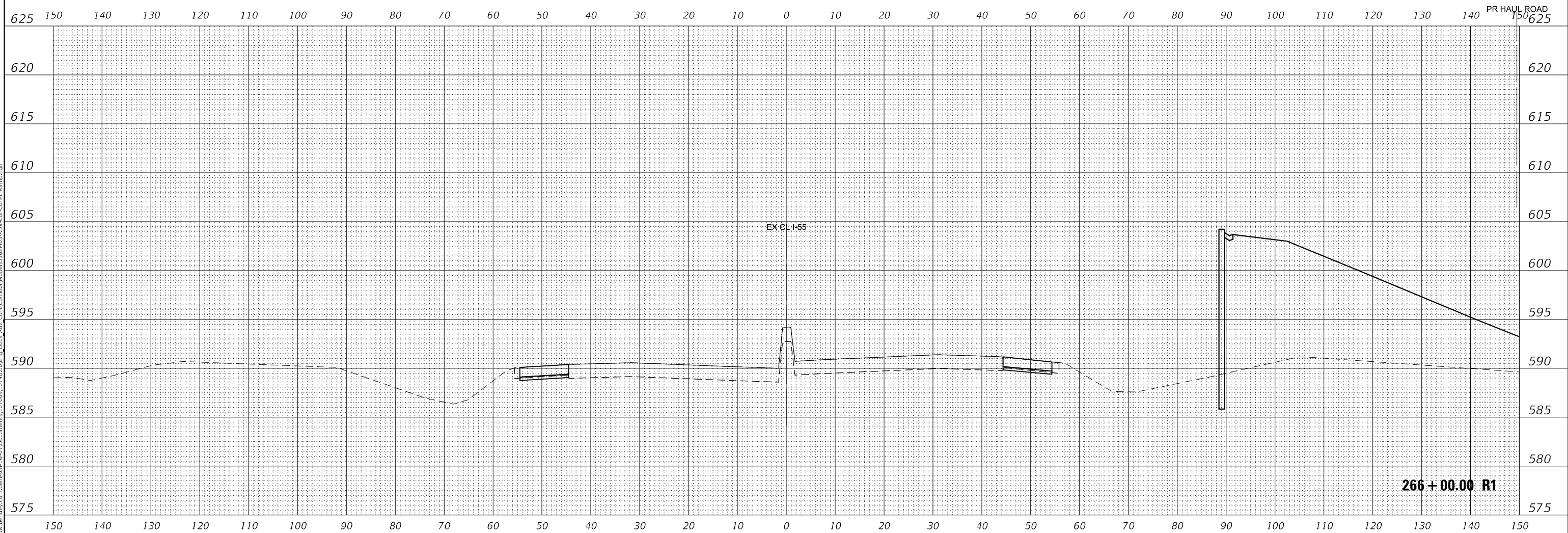
CROSS SECTIONS	
I-55	
SCALE: H 1:10; V 1:5	SHEET 35 OF 63 SHEETS
STA. 265+00.00 R1 TO STA. 265+50.00 R1	

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	271
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

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

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USER NAME	= nReynolds
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 9/18/2020

DESIGNED	- TKLUEGEL
DRAWN	- NREYNOLDS
CHECKED	- POBRIEN
DATE	- 9/18/2020

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 I-55

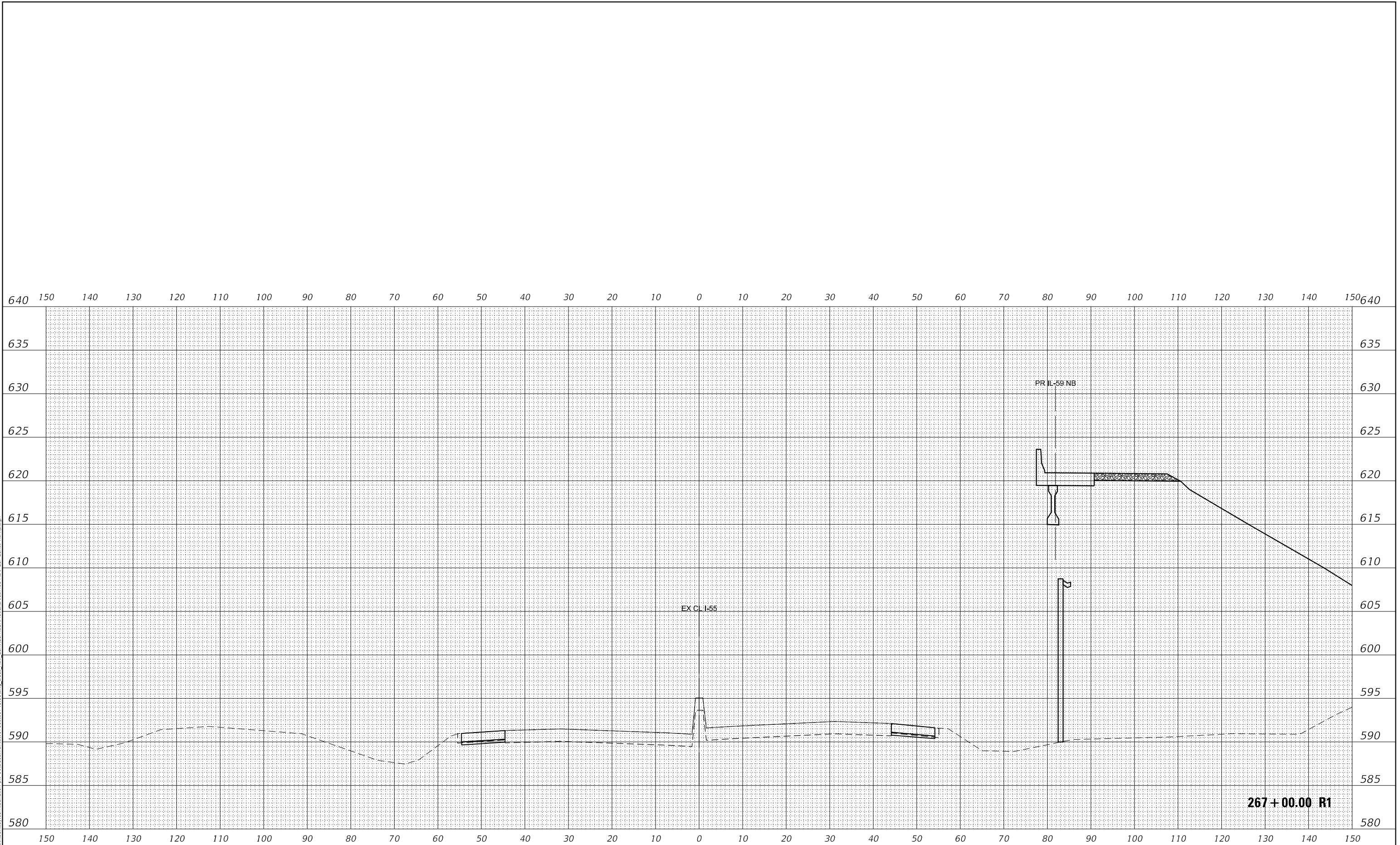
SCALE: H 1:10; V 1:5 SHEET 36 OF 63 SHEETS STA. 266+00.00 R1 TO STA. 266+00.00 R1

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	272
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

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

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PLOT DATE	= 9/18/2020

DESIGNED	- TKLUEGEL	REVISED	-
DRAWN	- NREYNOLDS	REVISED	-
CHECKED	- POBRIEN	REVISED	-
DATE	- 9/18/2020	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 I-55**

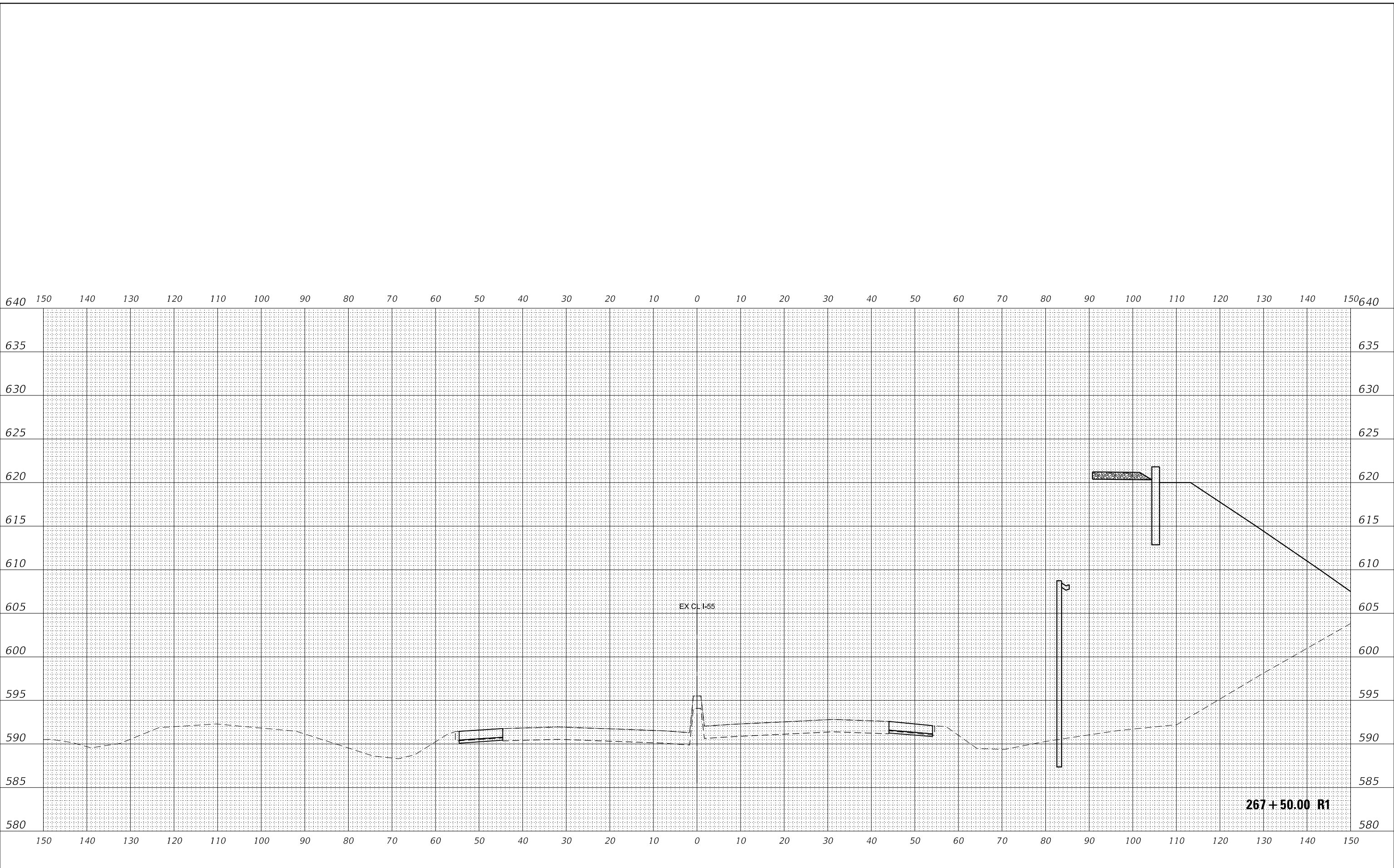
SCALE: H 1:10; V 1:5 SHEET 38 OF 63 SHEETS STA. 267+00.00 R1 TO STA. 267+00.00 R1

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	274
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

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

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USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

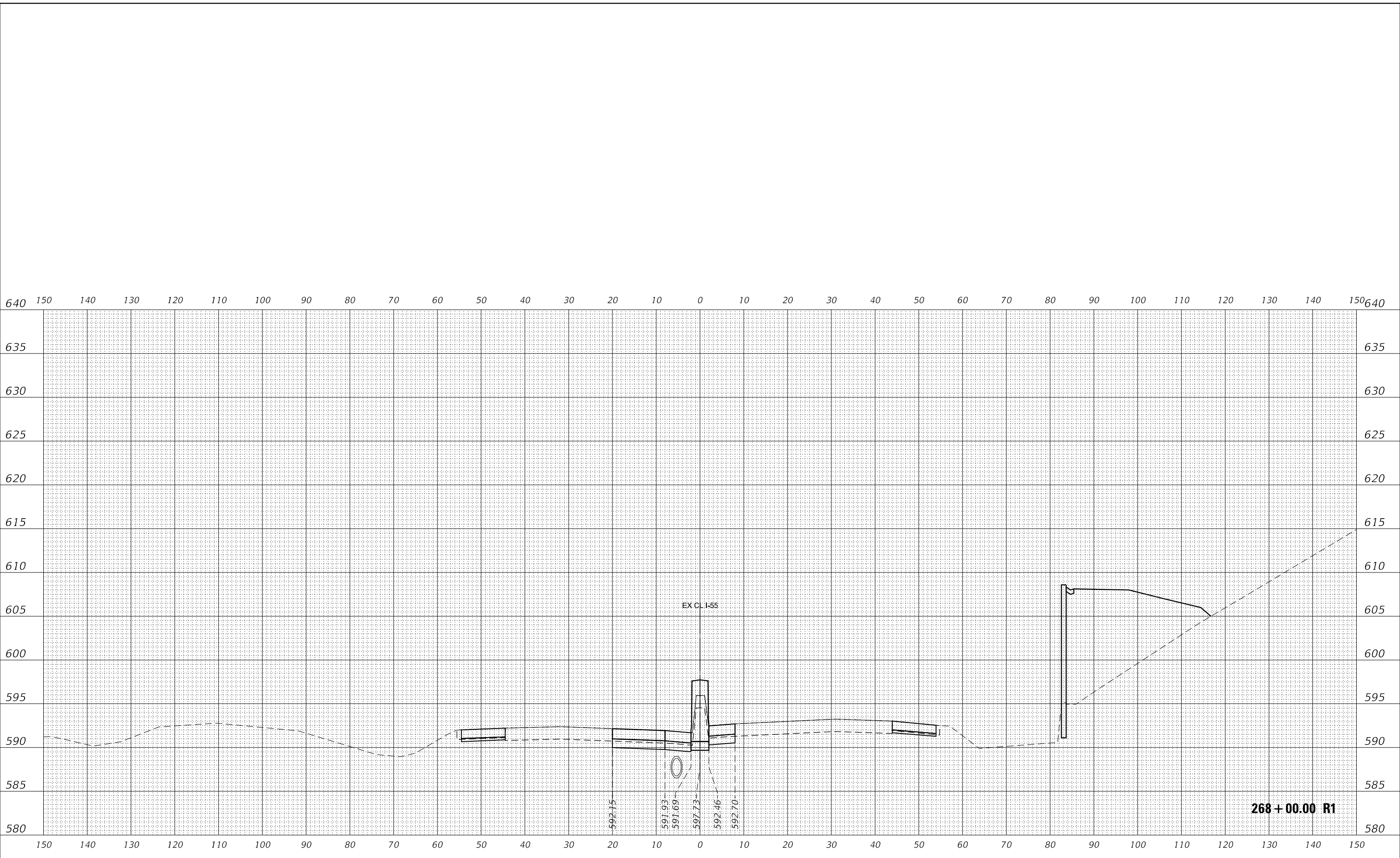
CROSS SECTIONS			
I-55			
SCALE: H 1:10; V 1:5	SHEET 39	OF 63 SHEETS	STA. 267+50.00 R1 TO STA. 267+50.00 R1

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	275
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

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

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268 + 00.00 R1



USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

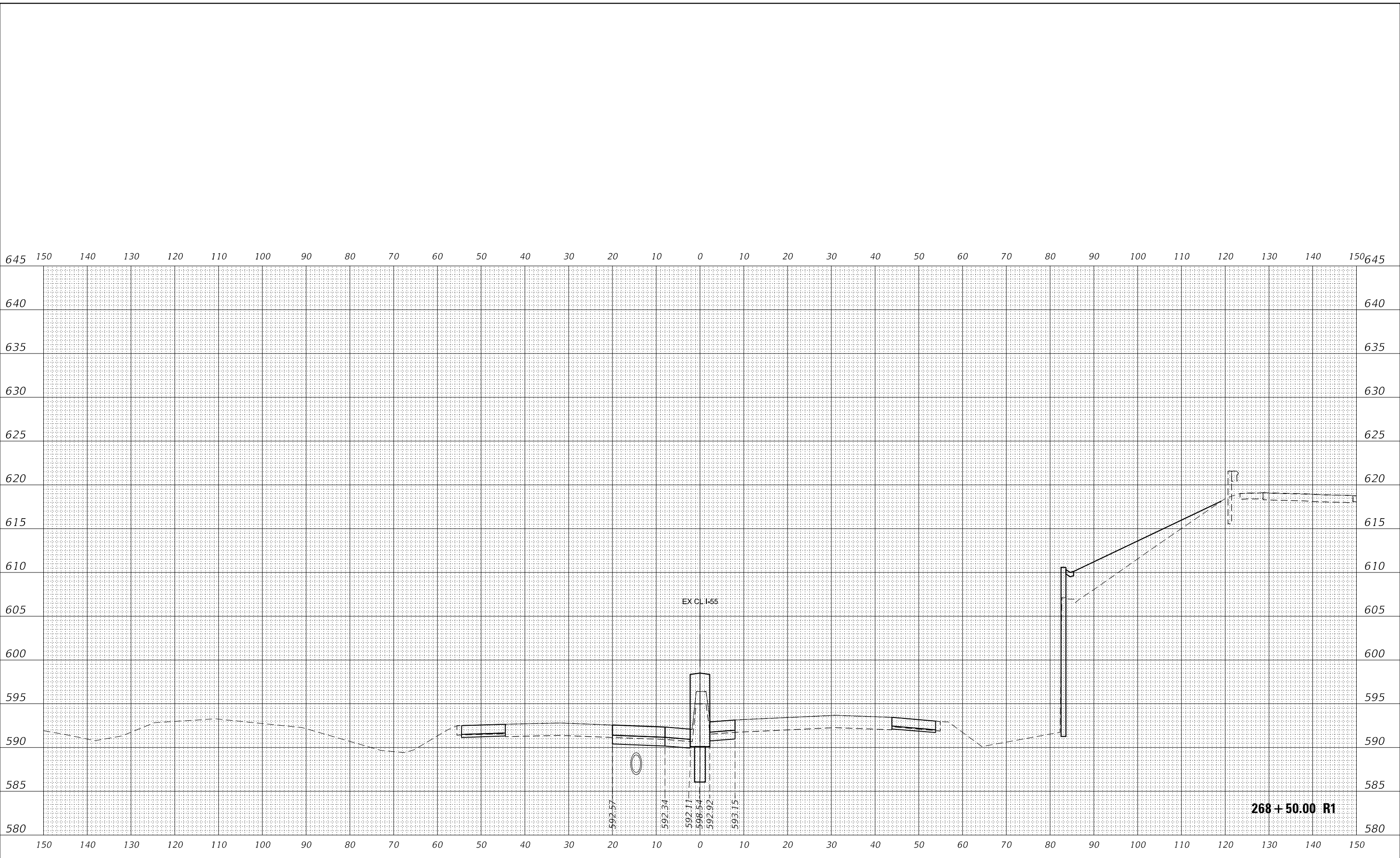
CROSS SECTIONS	
I-55	
SCALE: H 1:10:V1:5	SHEET 40 OF 63 SHEETS
STA. 268+00.00 R1 TO STA. 268+00.00 R1	

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	276
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

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

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 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 9/18/2020

DESIGNED - TKLUEGEL
 DRAWN - NREYNOLDS
 CHECKED - POBRIEN
 DATE - 9/18/2020

REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 I-55

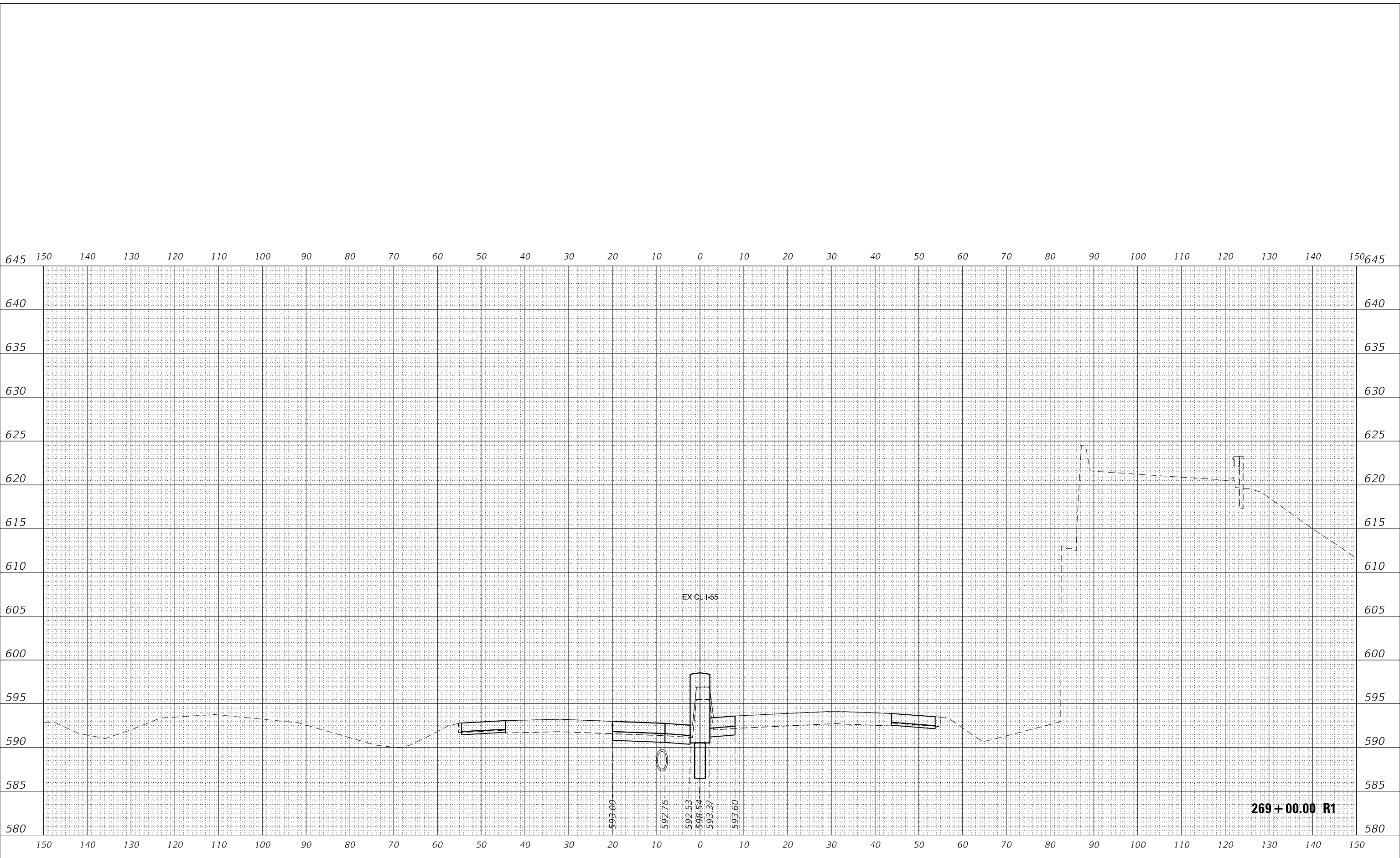
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F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	277
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

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

MODEL: EX15_M1CL
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269+00.00 R1



USER NAME = nReynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
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PLOT DATE = 9/18/2020	DATE - 9/18/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 I-55

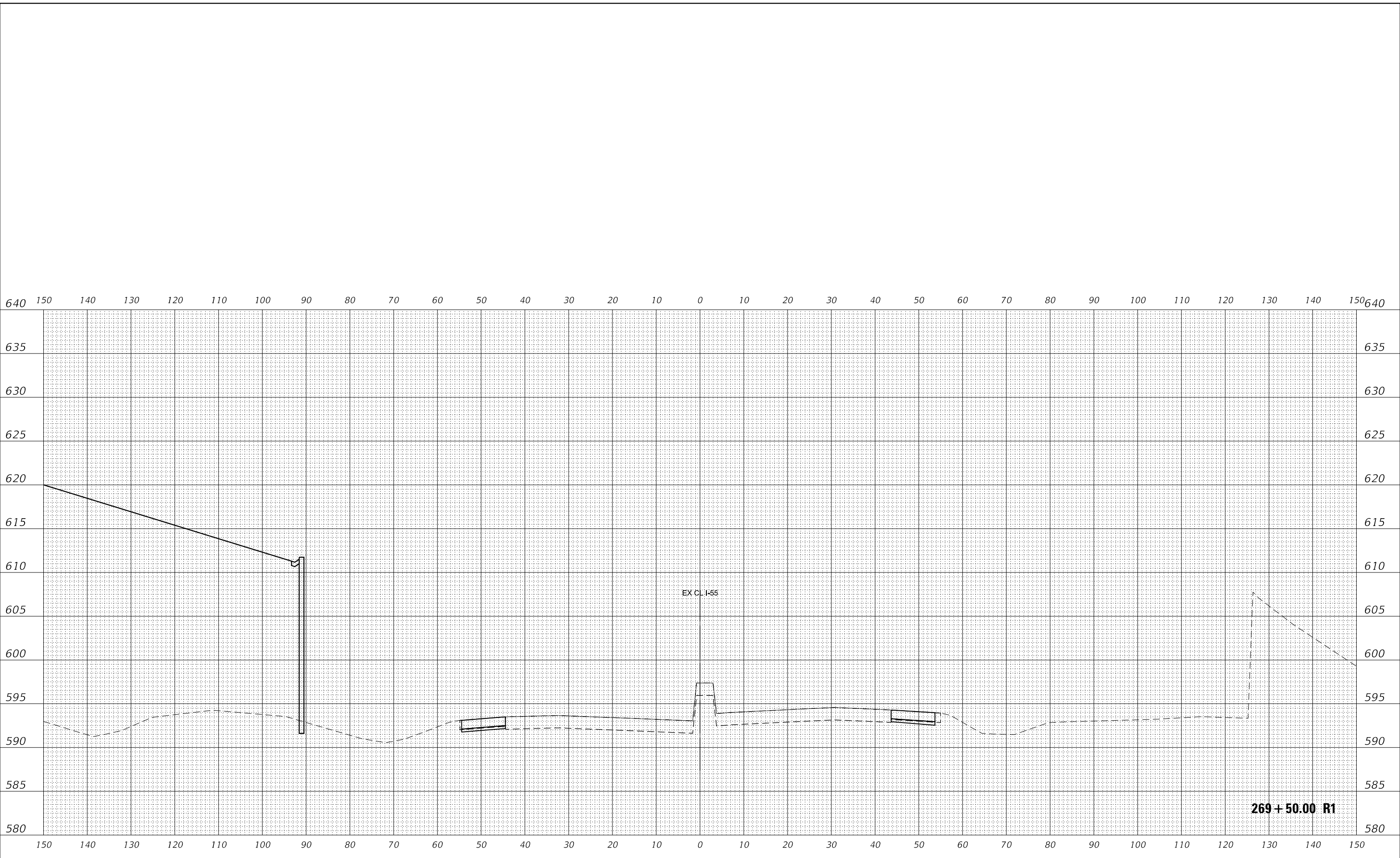
SCALE: H 1:10; V 1:5 SHEET 42 OF 63 SHEETS STA. 269+00.00 R1 TO STA. 269+00.00 R1

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	278
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

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

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USER NAME = nreynolds
 PLOT SCALE = 20.0000 ' / in.
 PLOT DATE = 8/18/2020

DESIGNED - TKLUEGEL
 DRAWN - NREYNOLDS
 CHECKED - POBRIEN
 DATE - 8/18/2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 I-55

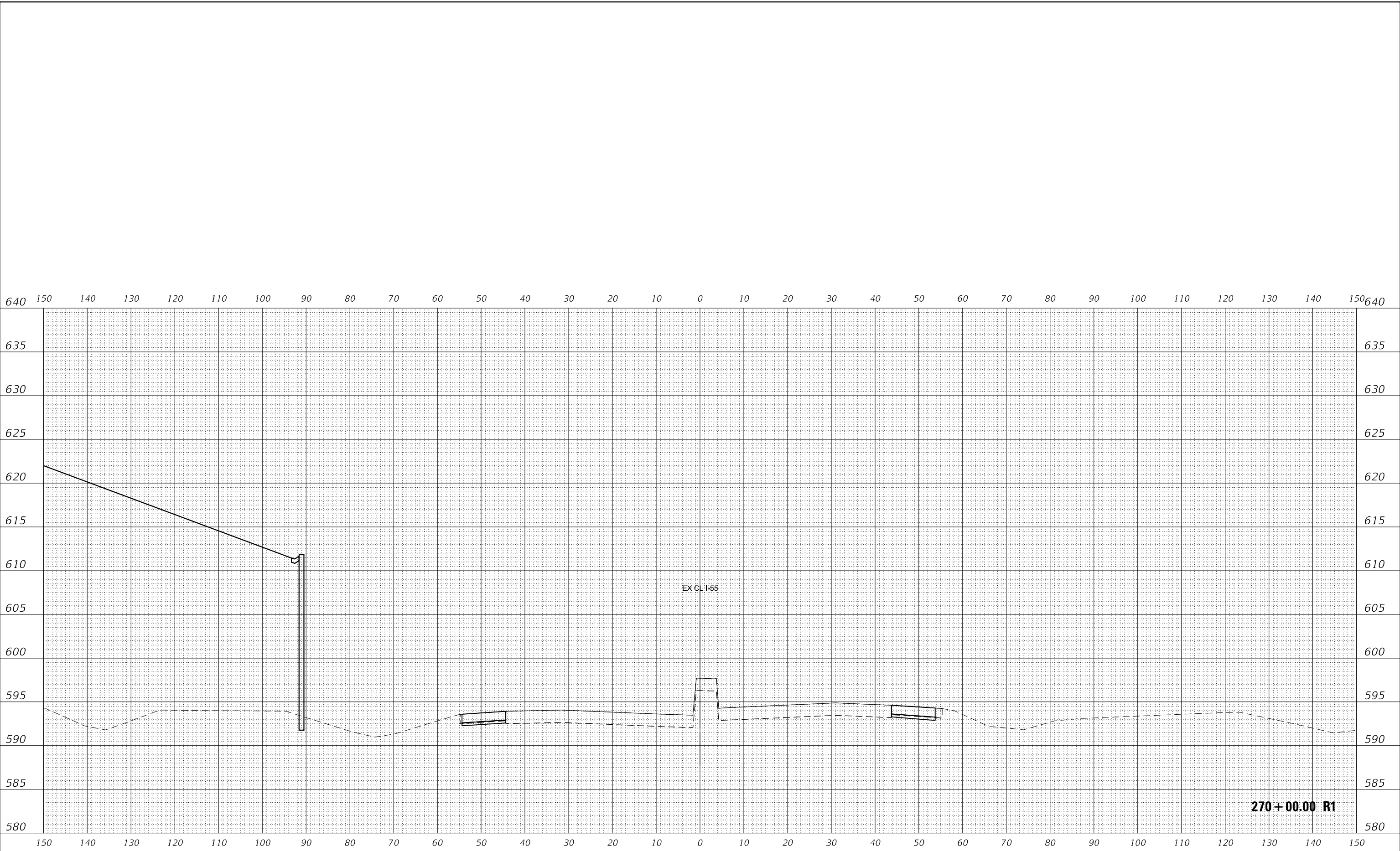
SCALE: H 1:10; V 1:5 SHEET 43 OF 63 SHEETS STA. 269+50.00 R1 TO STA. 269+50.00 R1

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	279
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

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

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DRAWN	- NREYNOLDS
PLLOT SCALE	= 20.0000 ' / in.
PLLOT DATE	= 8/18/2020

REVISIED	-
REVISIED	-
REVISIED	-
REVISIED	-

DESIGNED	-
DRAWN	-
CHECKED	- POBRIEN
DATE	- 8/18/2020
REVISIED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
I-55**

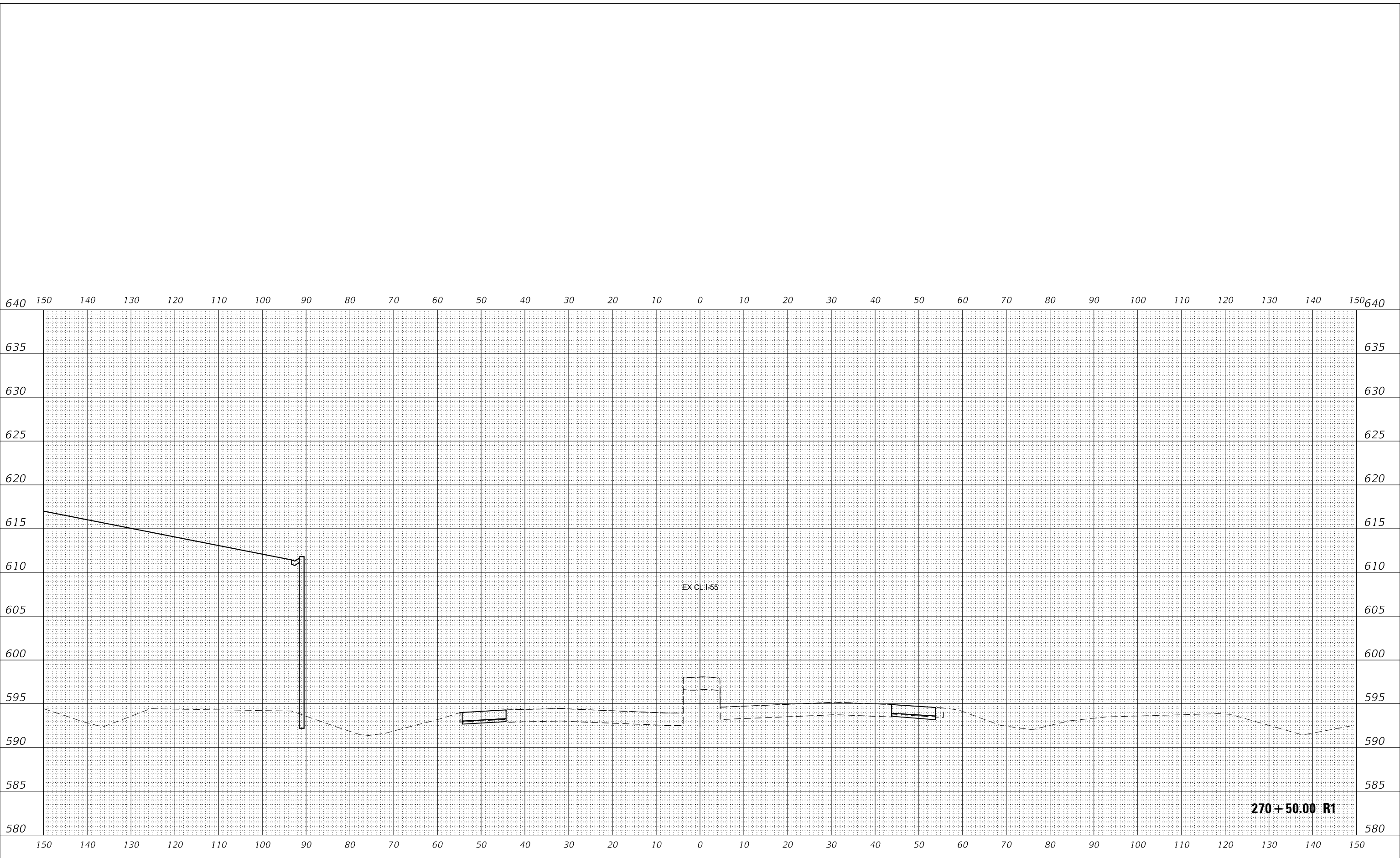
SCALE: H 1:10; V 1:5 SHEET 44 OF 63 SHEETS STA. 270+00.00 R1 TO STA. 270+00.00 R1

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	280
FAI 55, FAP 338			CONTRACT NO. 62M63	
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: EX15_M1CL
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USER NAME = nreynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

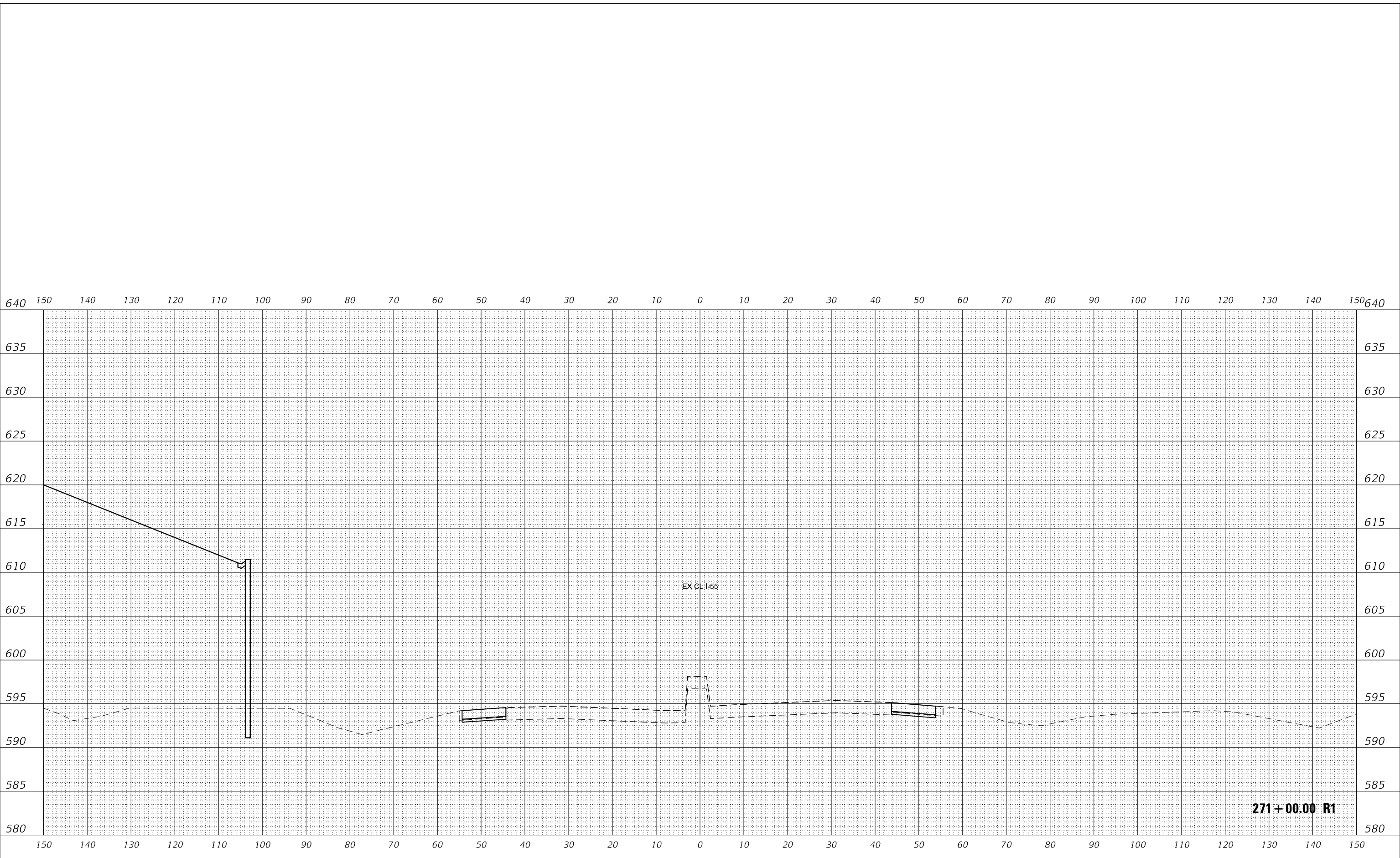
CROSS SECTIONS	
I-55	
SCALE: H 1:10; V 1:5	SHEET 45 OF 63 SHEETS
STA. 270+50.00 R1 TO STA. 270+50.00 R1	

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	281
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

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

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271+00.00 R1



USER NAME	= nreynolds
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 8/18/2020

DESIGNED -	TKLUEGEL	REVISED -	
DRAWN -	NREYNOLDS	REVISED -	
CHECKED -	POBRIEN	REVISED -	
DATE -	8/18/2020	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 I-55

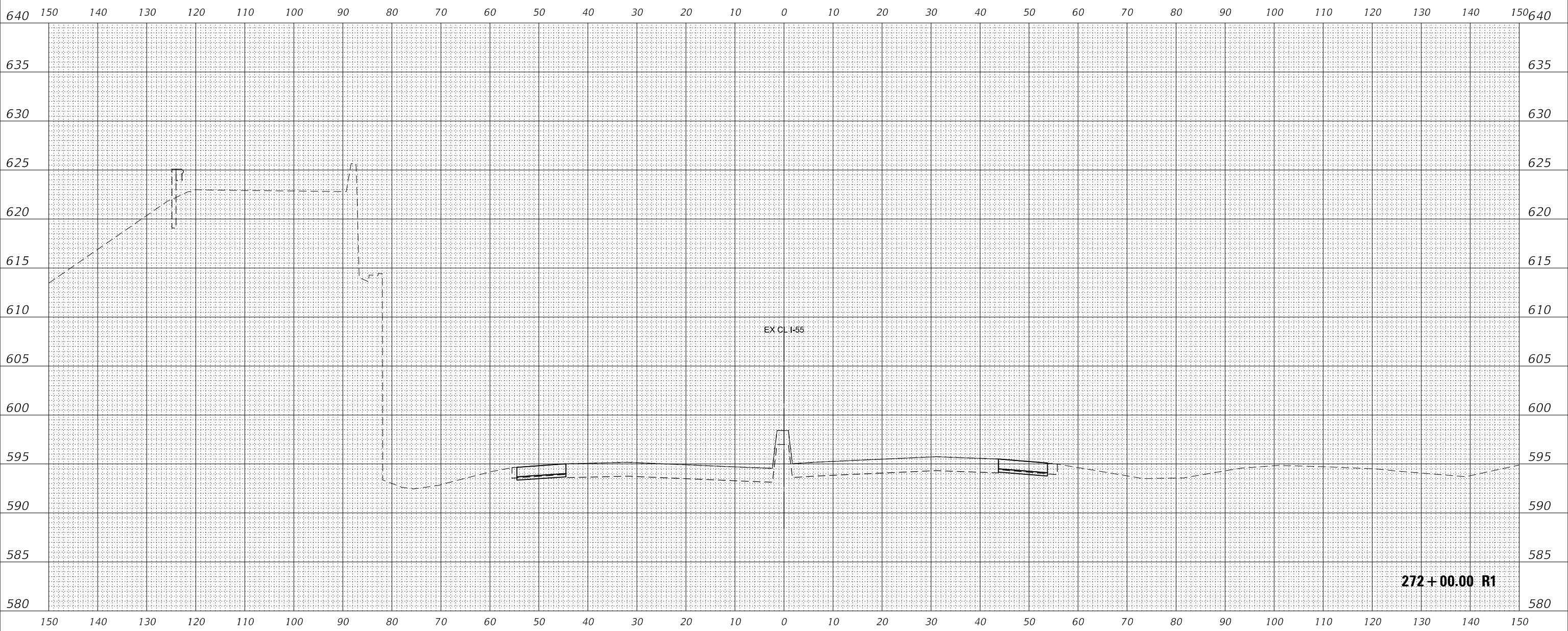
SCALE: H 1:10; V 1:5 SHEET 46 OF 63 SHEETS STA. 271+00.00 R1 TO STA. 271+00.00 R1

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	282
CONTRACT NO. 62M63				
FAI 55, FAP 338 ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = nreynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

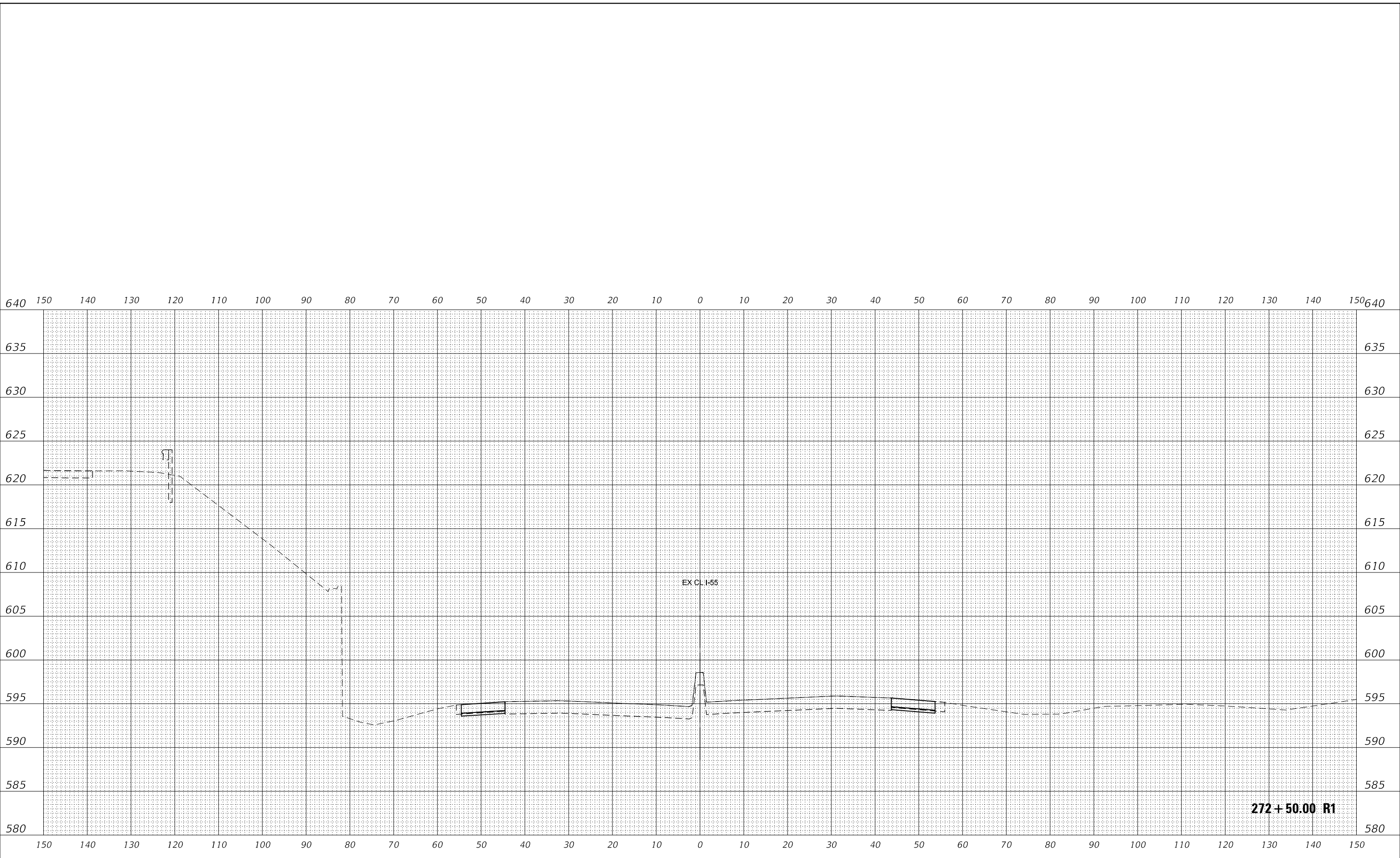
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS I-55	SCALE: H 1:10; V 1:5	SHEET 48	OF 63 SHEETS	STA. 272+00.00 R1 TO STA. 272+00.00 R1
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F.A./P.RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 55, FAP 338	2020-192-B	WILL	299	284
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62M63	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



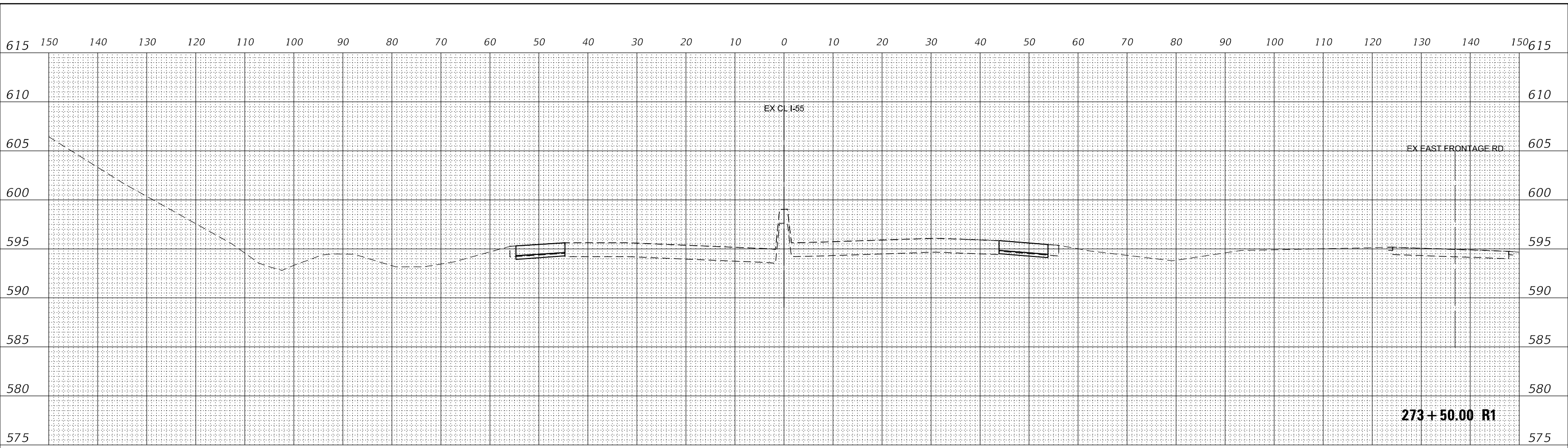
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PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

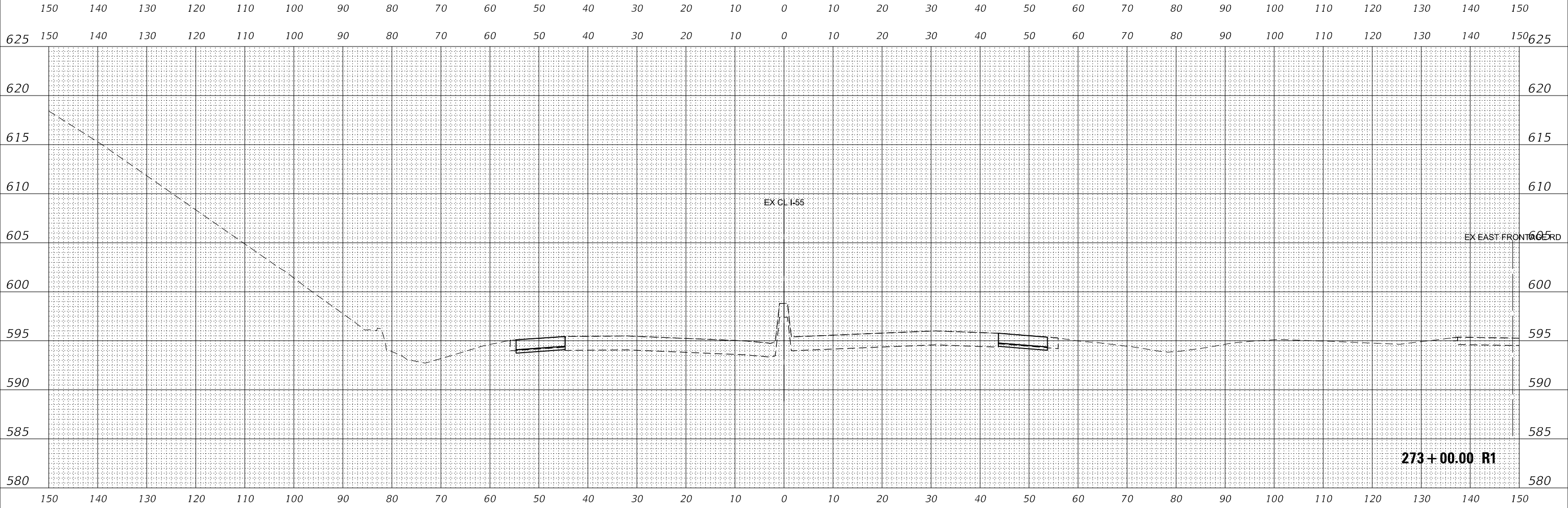
CROSS SECTIONS I-55			
SCALE: H 1:10; V 1:5	SHEET 49	OF 63 SHEETS	STA. 272+50.00 R1 TO STA. 272+50.00 R1

F.A./P. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	285
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



USER NAME = nreynolds	DESIGNED - TKLUEGEL	REVISED -
	DRAWN - NREYNOLDS	REVISED -
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PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

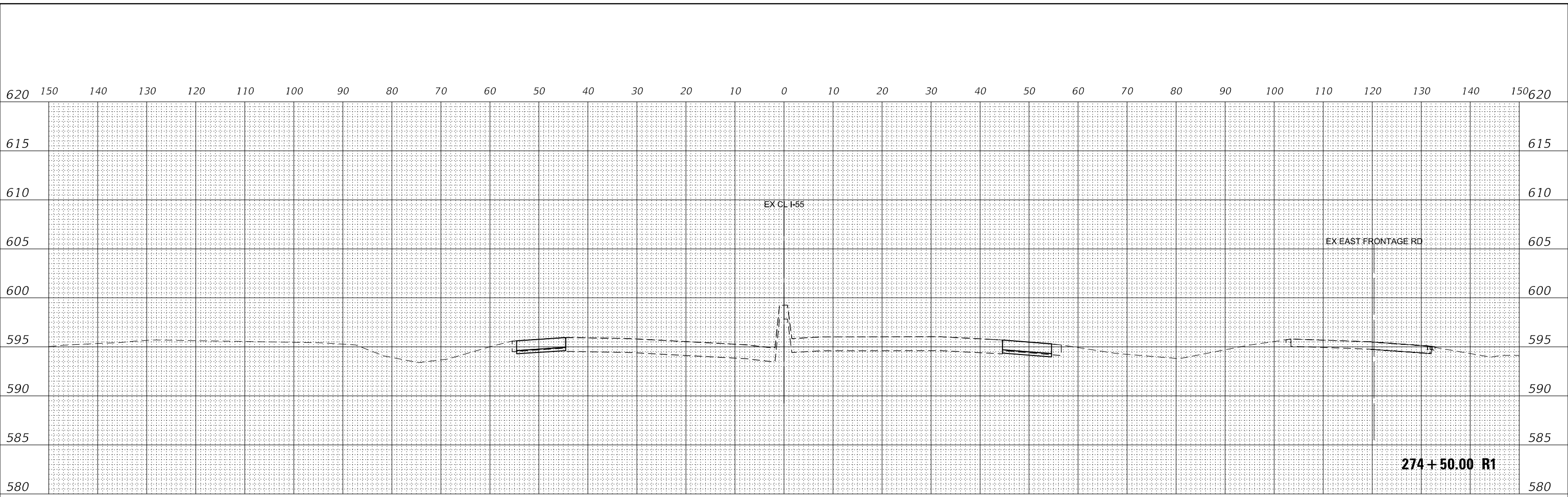
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H 1:10:V1:5		SHEET 50	OF 63 SHEETS	STA. 273+00.00 R1 TO STA. 273+50.00 R1
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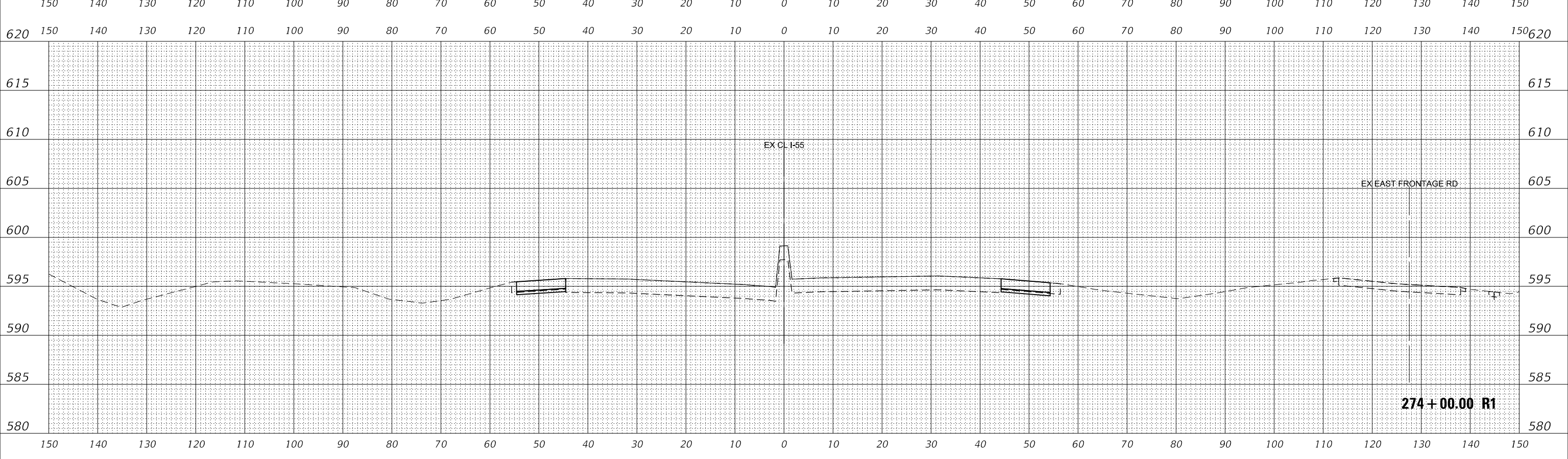
CROSS SECTIONS
I-55

F.A.I.P. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	286
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



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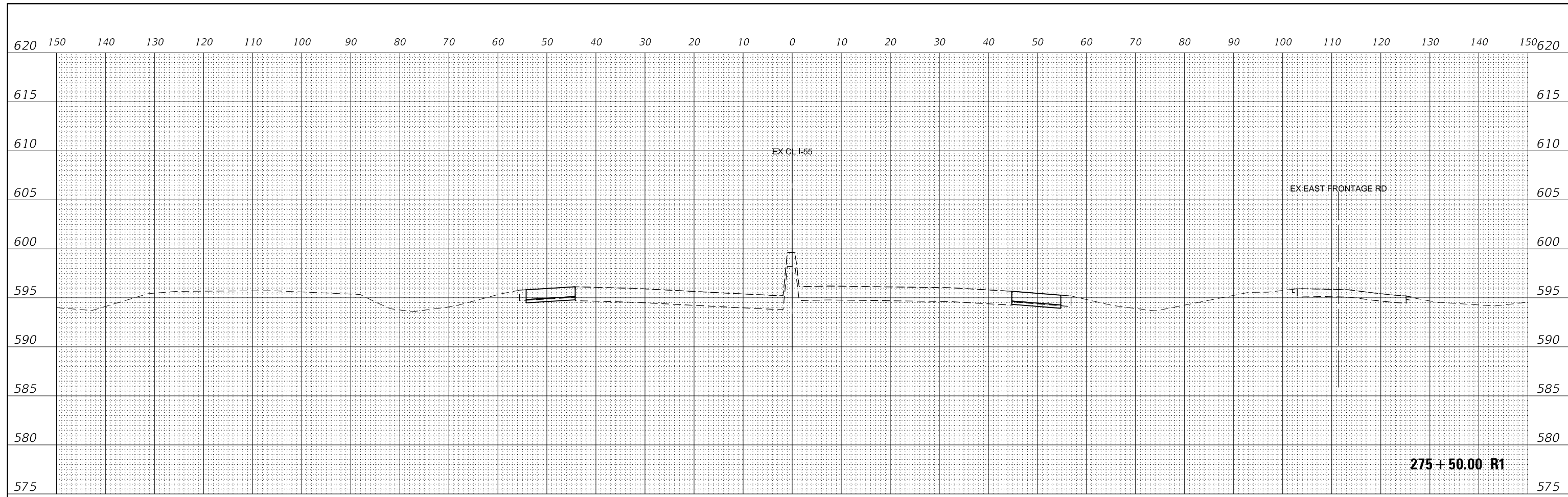
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PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

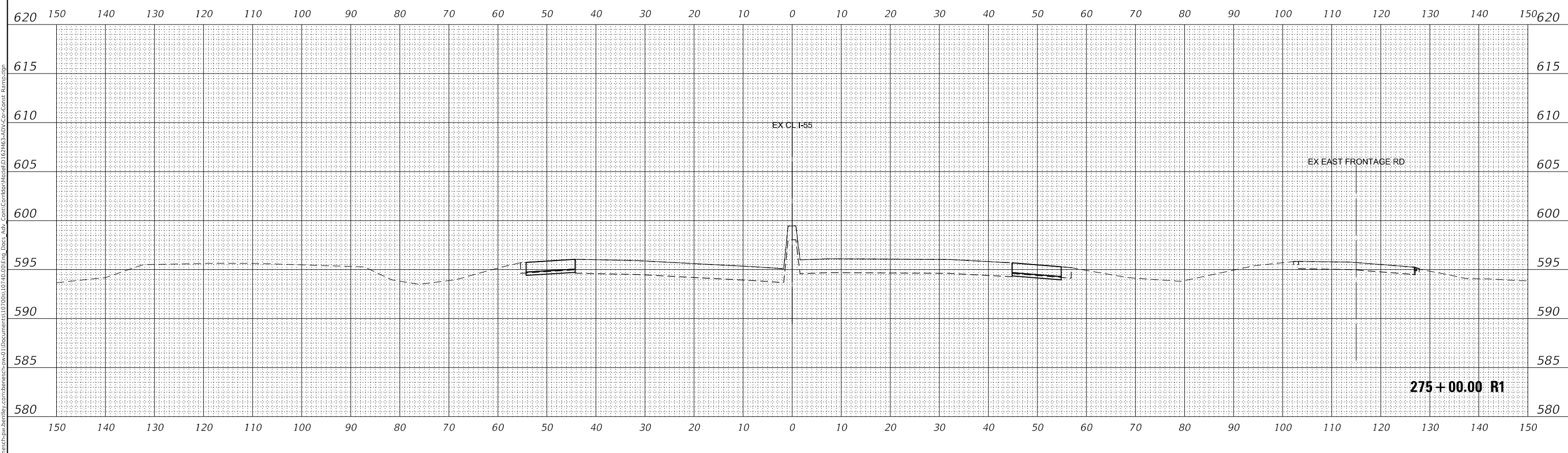
CROSS SECTIONS	
I-55	
SCALE: H 1:10; V 1:5	SHEET 51 OF 63 SHEETS
STA. 274+00.00 R1 TO STA. 274+50.00 R1	

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* FAI 55, FAP 338	2020-192-B	WILL	299	287
CONTRACT NO. 62M63				
ILLINOIS FED. AID PROJECT				

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



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



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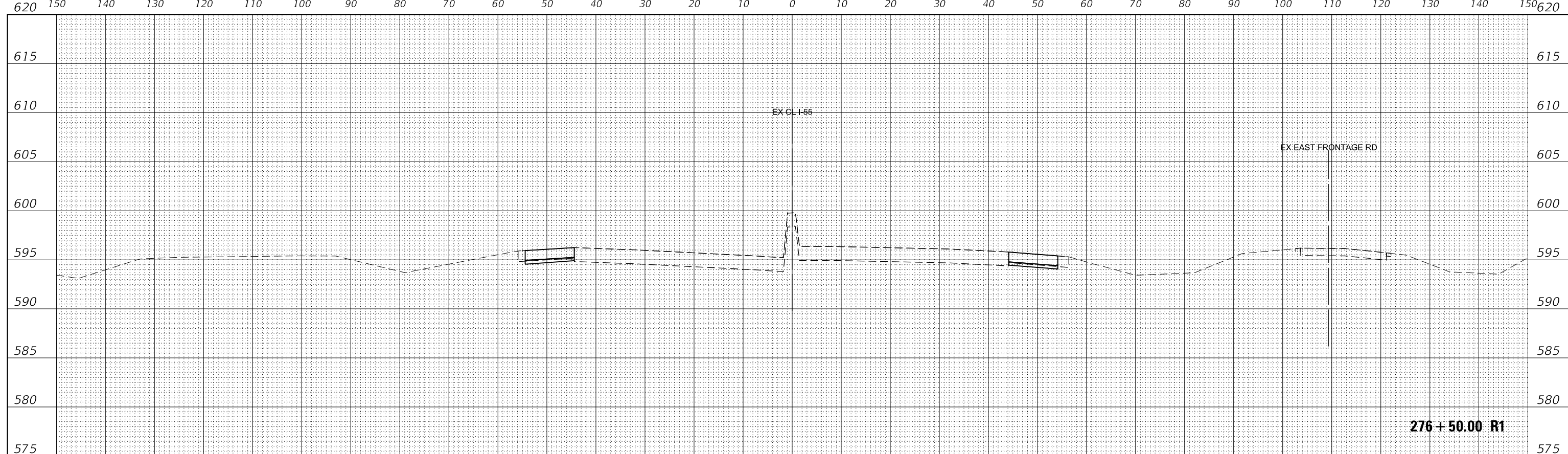
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PLOT DATE	= 8/18/2020	DATE -	8/18/2020	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
I-55	
SCALE: H 1:10; V 1:5	SHEET 52 OF 63 SHEETS
STA. 275+00.00 R1 TO STA. 275+50.00 R1	

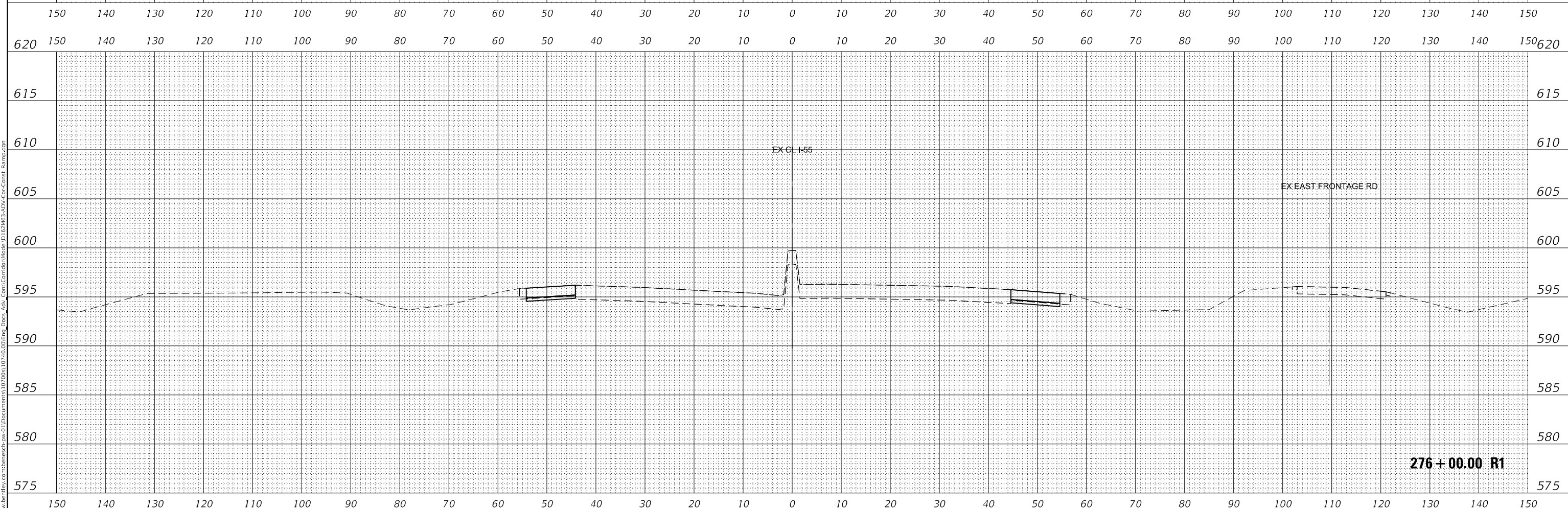
F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	288
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

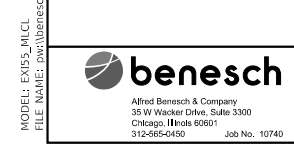


276+50.00 R1

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



276+00.00 R1



USER NAME = nreynolds	DESIGNED - TKLUEGEL	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - NREYNOLDS	REVISED -
PLOT DATE = 8/18/2020	CHECKED - POBRIEN	REVISED -
	DATE - 8/18/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

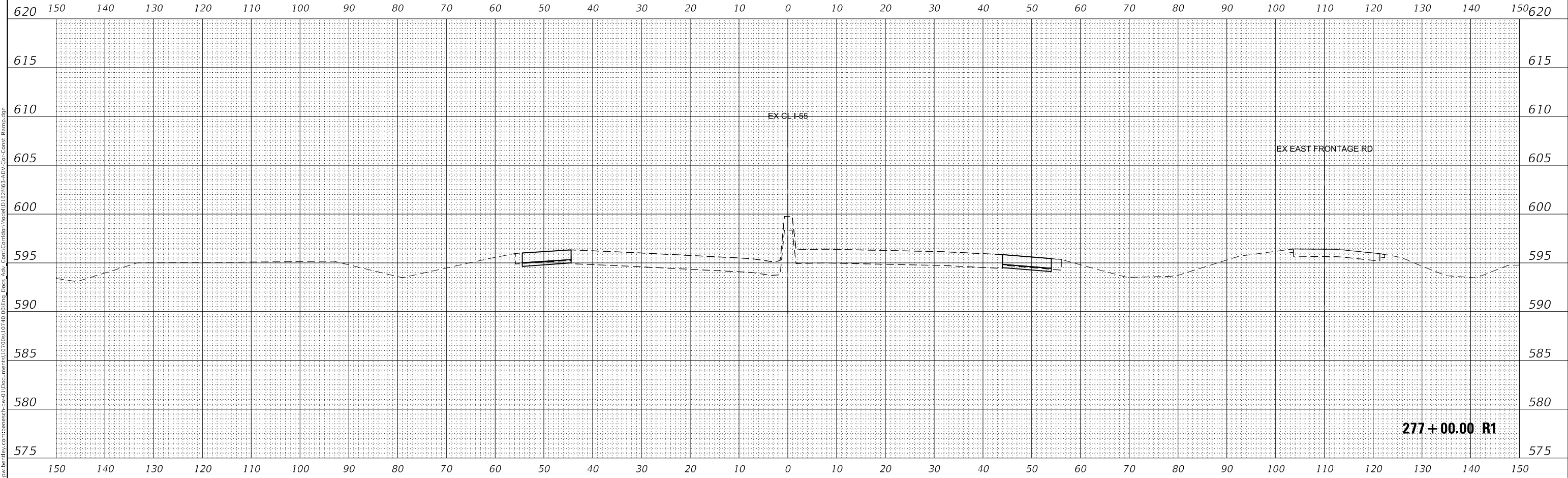
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CROSS SECTIONS
I-55

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 55, FAP 338	2020-192-B	WILL	299	289
CONTRACT NO. 62M63				
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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benesch
 Alfred Benesch & Company
 35 W Wacker Drive, Suite 3300
 Chicago, Illinois 60601
 312-665-0450 Job No. 10740

USER NAME = nreynolds	DESIGNED - TKLUEGEL	REVISED -
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PLOT DATE = 8/18/2020	CHECKED - POBRIEN	REVISED -
	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H 1:10:V1:5	SHEET 54	OF 63 SHEETS	STA. 277+00.00 R1 TO STA. 277+00.00 R1
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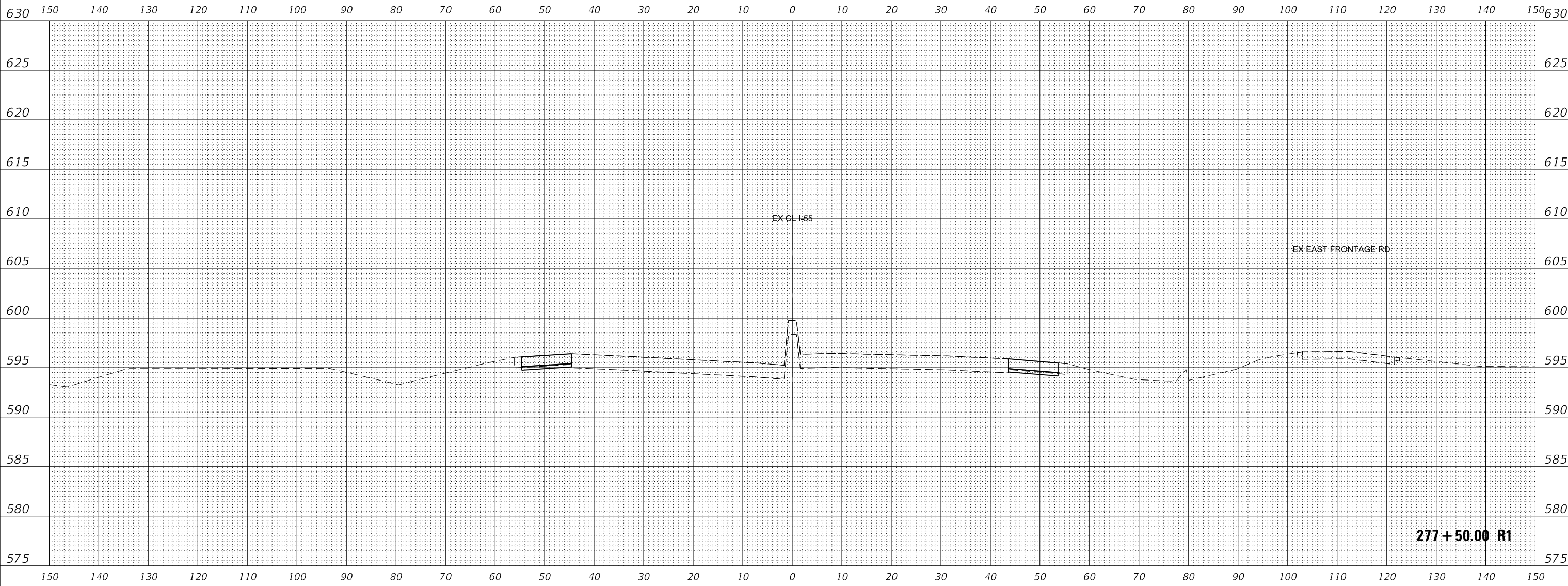
**CROSS SECTIONS
 I-55**

F.A./P. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	290
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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

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

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USER NAME	= nreynolds
DESIGNED	- TKLUEGEL
DRAWN	- NREYNOLDS
PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 8/18/2020
REVISIONS	

REVISOR	-
DATE	- 8/18/2020

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

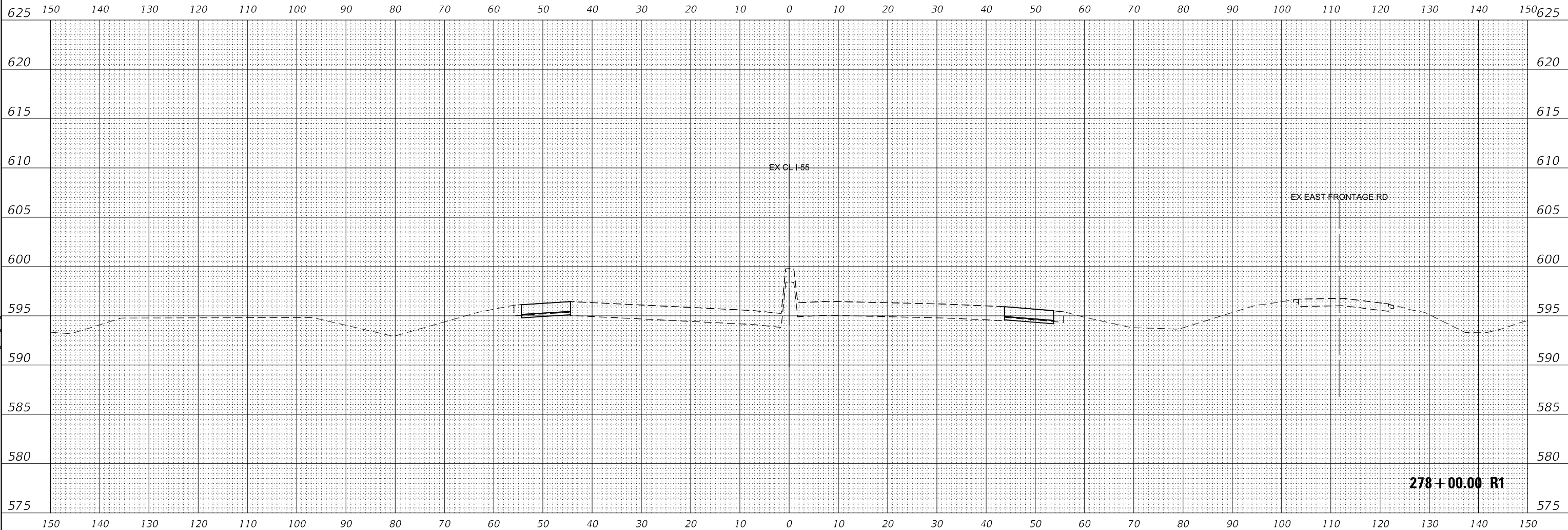
CROSS SECTIONS		
I-55		
SCALE: H 1:10:V1:5	SHEET 55	OF 63 SHEETS
STA. 277+50.00 R1 TO STA. 277+50.00 R1		FAI 55, FAP 338

F.A.J/P	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RTE.	2020-192-B	WILL	299	291
*	CONTRACT NO. 62M63			
ILLINOIS				FED. AID PROJECT

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

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

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	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000" / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 I-55

SCALE: H 1:10; V 1:5 SHEET 56 OF 63 SHEETS STA. 278+00.00 R1 TO STA. 278+00.00 R1

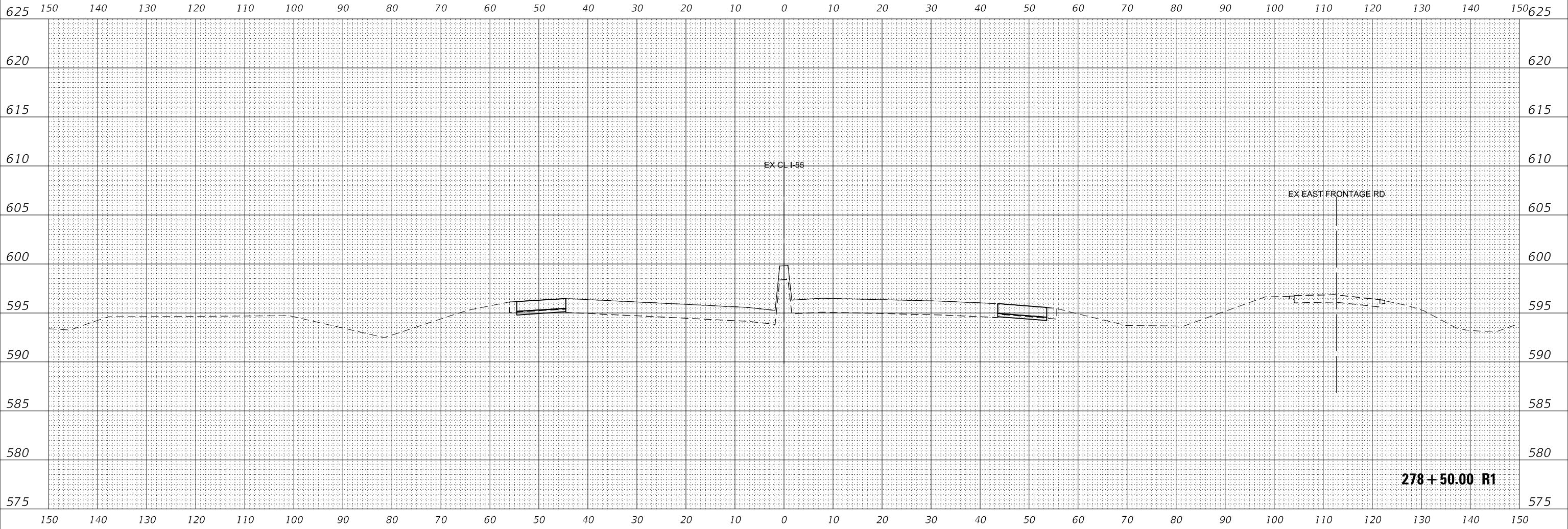
F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	292
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

Alfred Benesch & Company
 35 W Wacker Drive, Suite 3300
 Chicago, Illinois 60601
 312-665-0450 Job No. 10740

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT SCALE = 20.0000 ' / in.	DRAWN - NREYNOLDS	REVISED -
PLOT DATE = 8/18/2020	CHECKED - POBRIEN	REVISED -
	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 I-55**

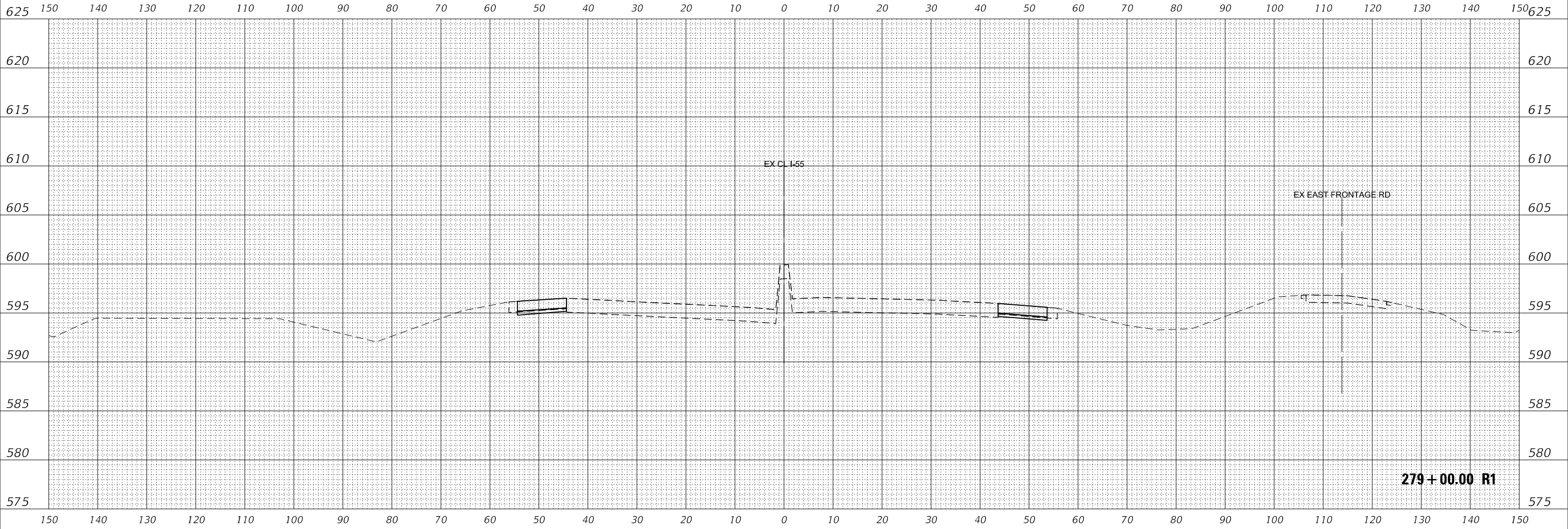
SCALE: H 1:10; V 1:5 SHEET 57 OF 63 SHEETS STA. 278+50.00 R1 TO STA. 278+50.00 R1

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	293
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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	AREAS	
	CHECKED	

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

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USER NAME = nreynolds
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 PLOT DATE = 8/18/2020

DESIGNED - TKLUEGEL
 DRAWN - NREYNOLDS
 CHECKED - POBRIEN
 DATE - 8/18/2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

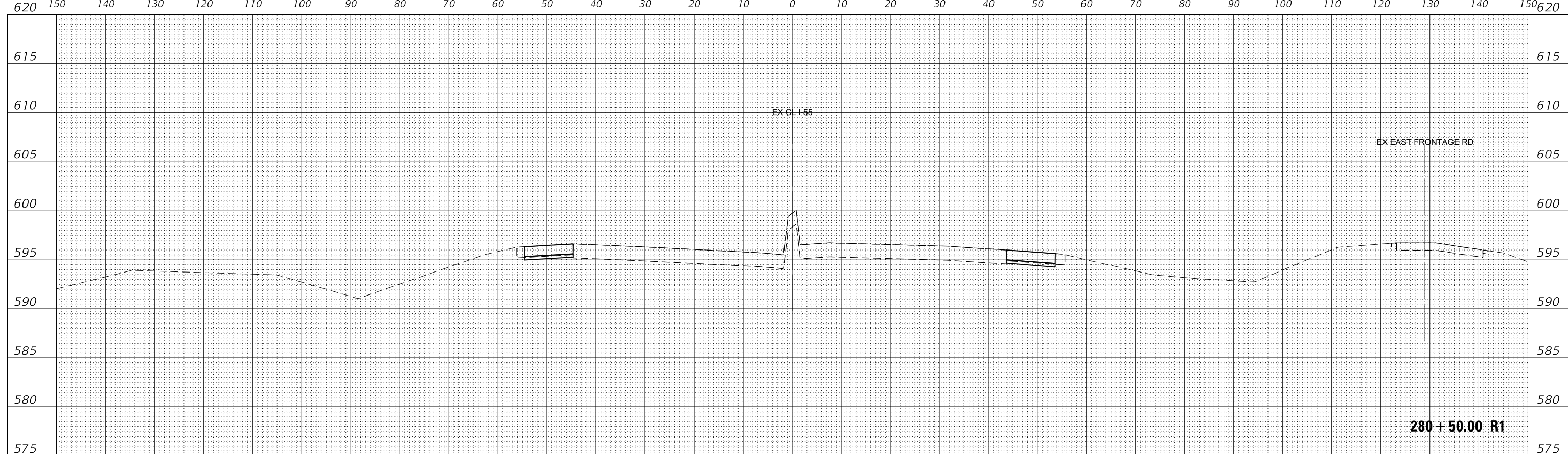
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 I-55

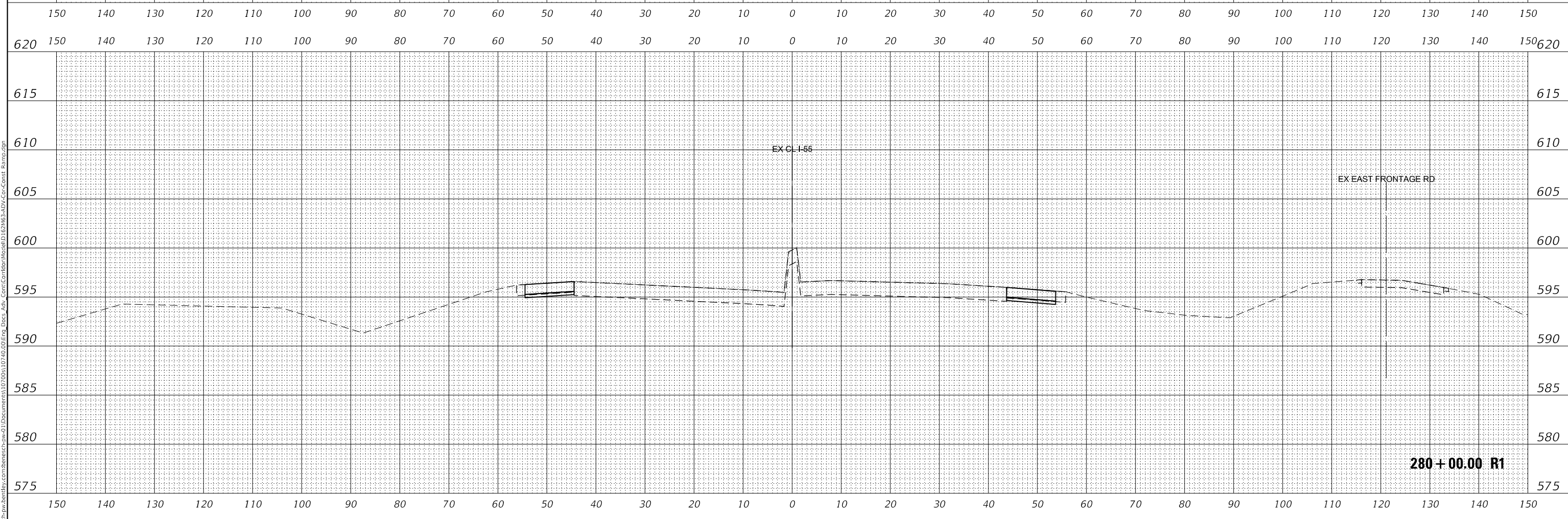
SCALE: H 1:10; V 1:5 SHEET 58 OF 63 SHEETS STA. 279+00.00 R1 TO STA. 279+00.00 R1

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	294
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



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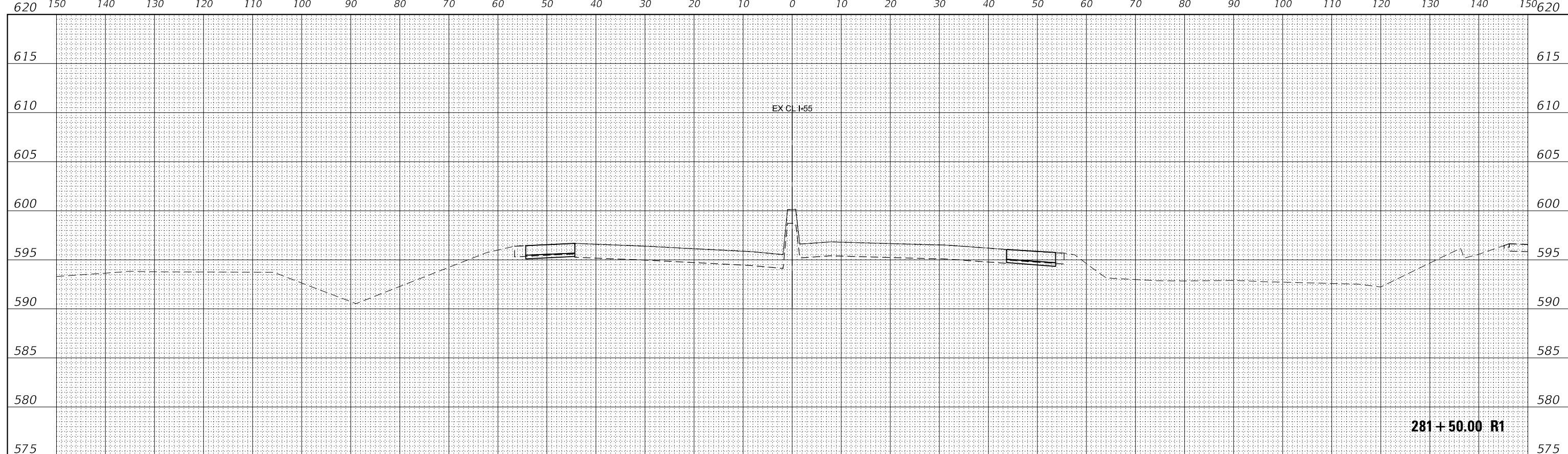
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PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
I-55	
SCALE: H 1:10:V1:5	SHEET 60 OF 63 SHEETS
STA. 280+00.00 R1 TO STA. 280+50.00 R1	

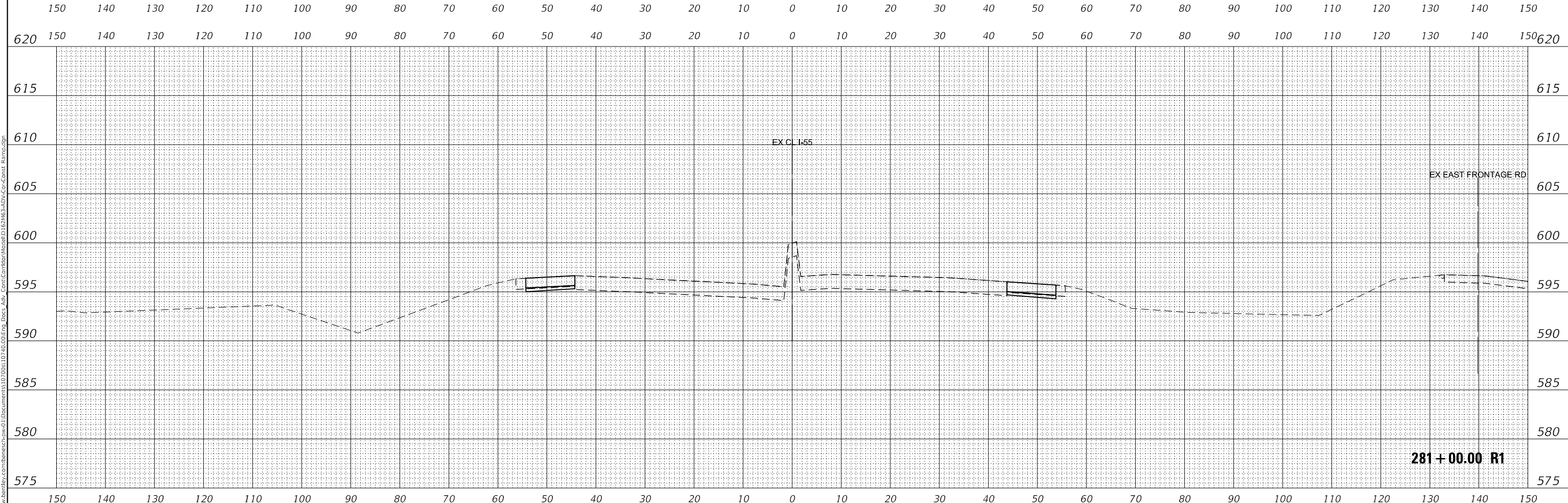
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*	2020-192-B	WILL	299	296
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



281 + 50.00 R1

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



281 + 00.00 R1

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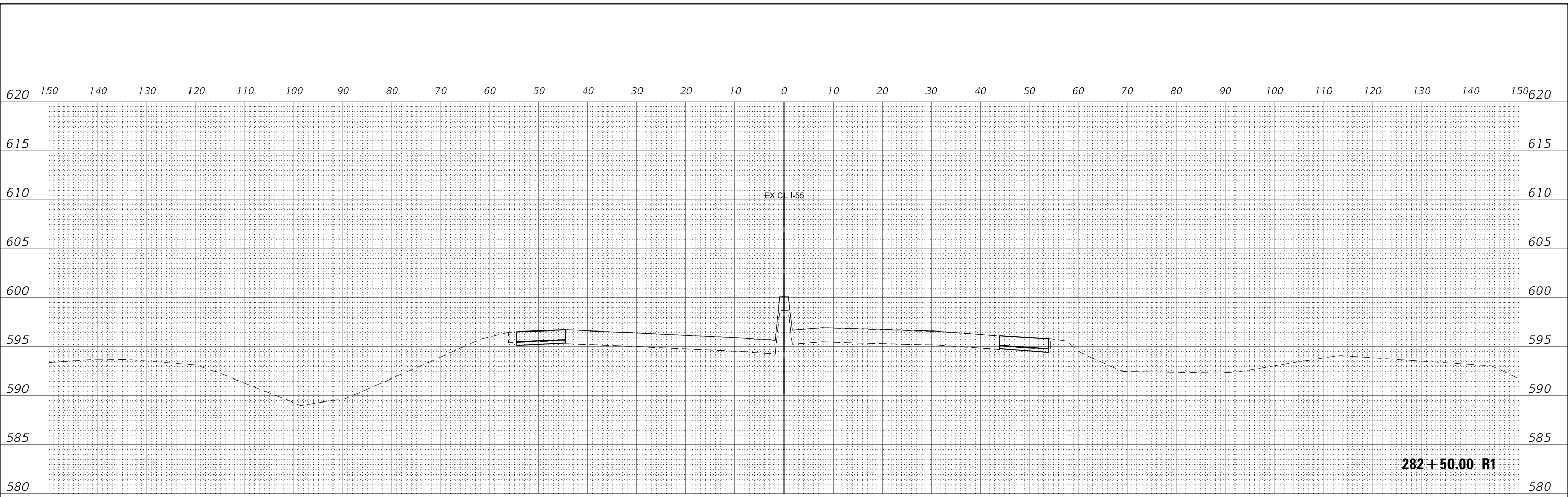
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PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

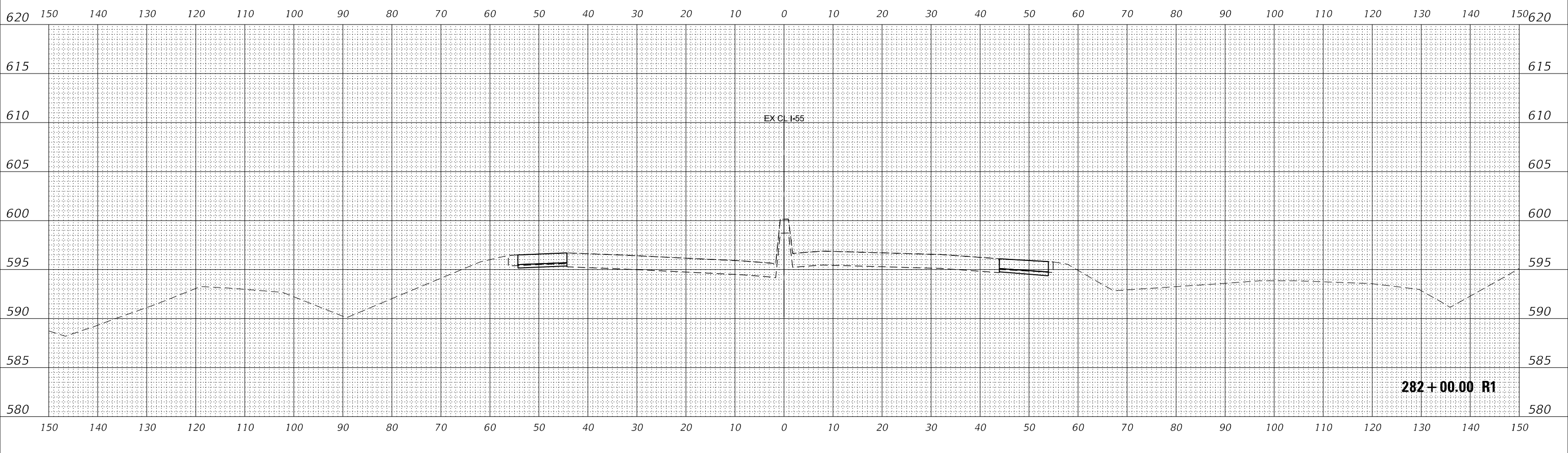
CROSS SECTIONS	
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SCALE: H 1:10:V1:5	SHEET 61 OF 63 SHEETS
STA. 281+00.00 R1 TO STA. 281+50.00 R1	

F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	297
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		

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



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



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	DRAWN - NREYNOLDS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - POBRIEN	REVISED -
PLOT DATE = 8/18/2020	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

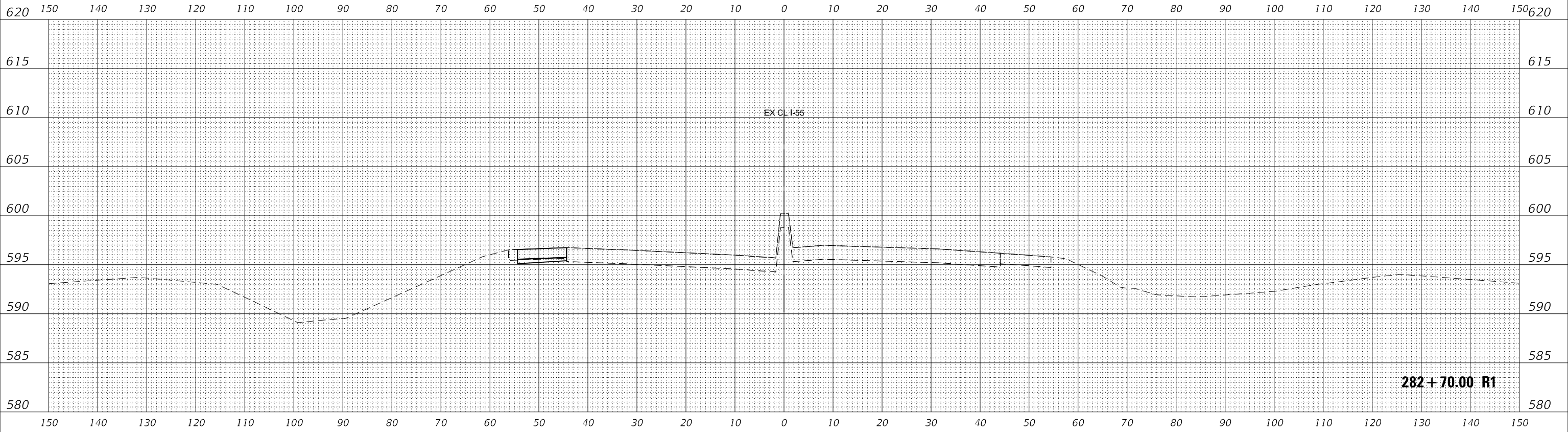
CROSS SECTIONS	
I-55	
SCALE: H 1:10; V 1:5	SHEET 62 OF 63 SHEETS
STA. 282+00.00 R1 TO STA. 282+50.00 R1	

F.A./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-192-B	WILL	299	298
CONTRACT NO. 62M63				
FAI 55, FAP 338	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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PLOT DATE = 8/18/2020	CHECKED - POBRIEN	REVISED -
	DATE - 8/18/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS I-55	
SCALE: H 1:10: V 1:5	SHEET 63 OF 63 SHEETS
STA. 282+70.00 R1 TO STA. 282+70.00 R1	

F.A./P.RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-192-B	WILL	299	299
CONTRACT NO. 62M63				
FAI 55, FAP 338	ILLINOIS	FED. AID PROJECT		