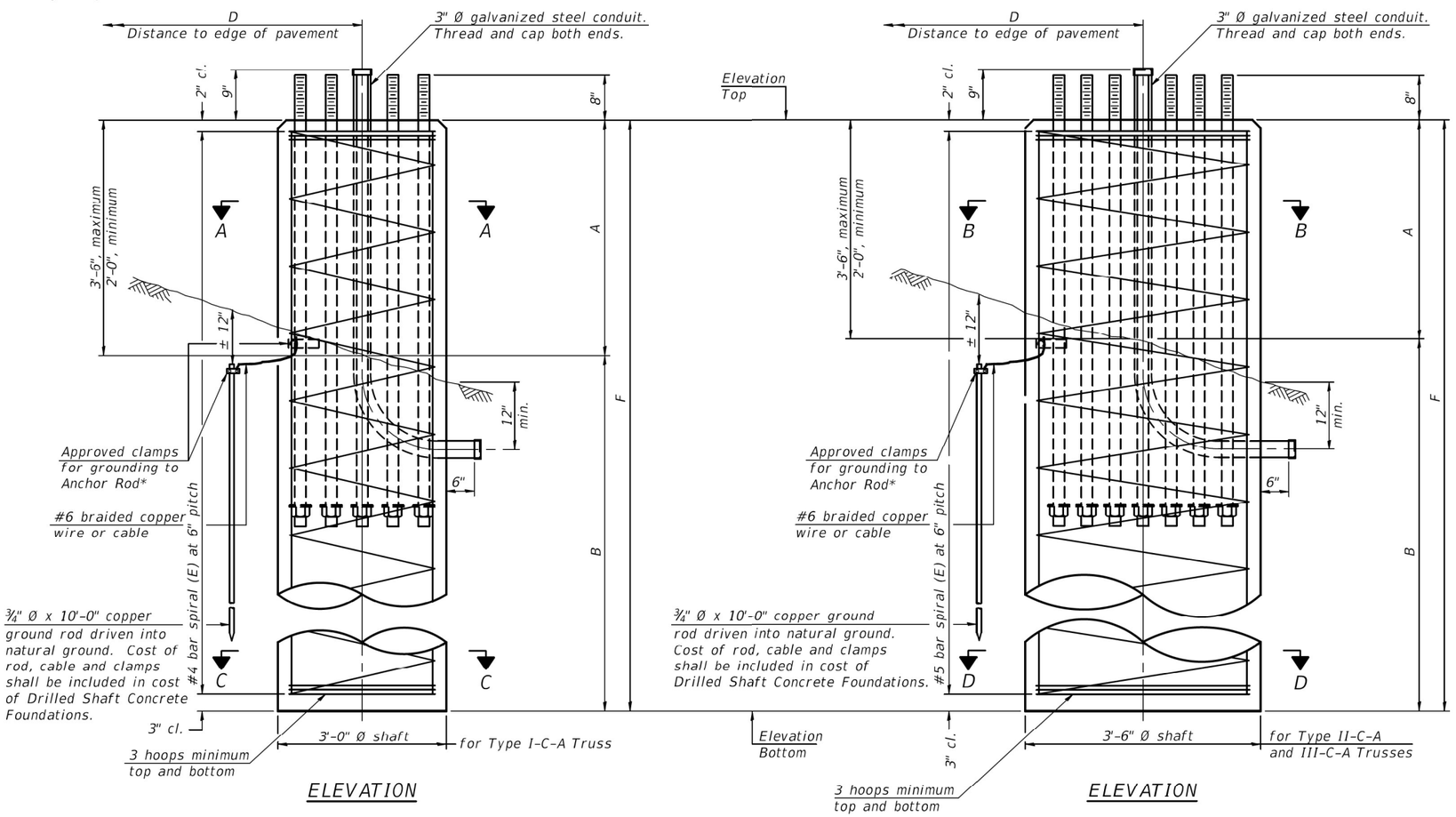
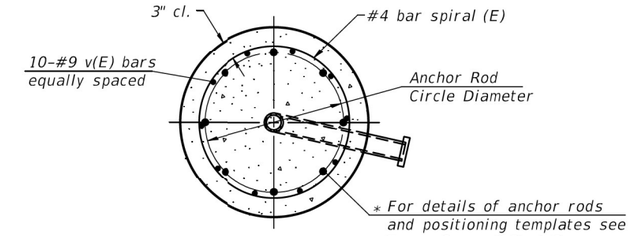
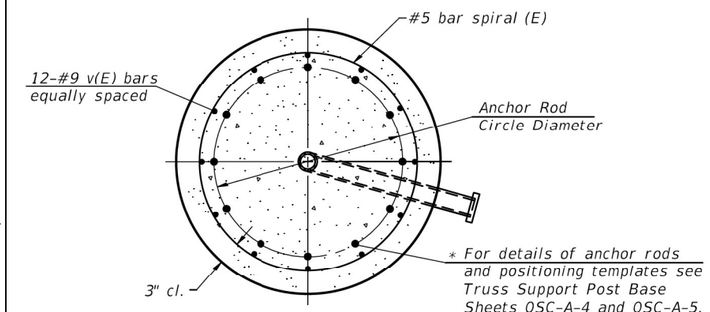
* Grind anchor rod to bright finish at ground clamp location before installing clamp.





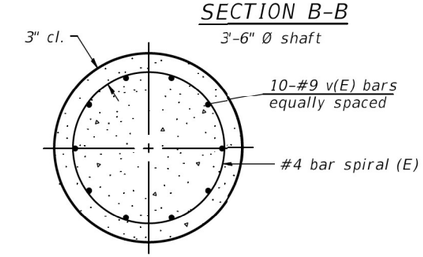
SECTION A-A

3'-0" Ø shaft



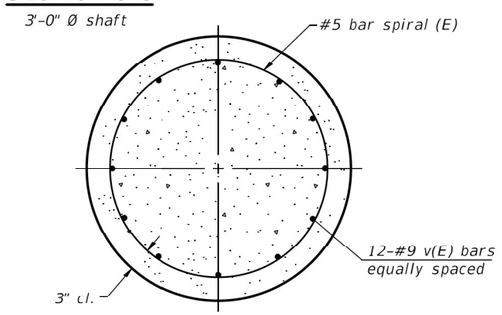
SECTION B-B

3'-6" Ø shaft



SECTION C-C

3'-0" Ø shaft



SECTION D-D

3'-6" Ø shaft

NOTES:

The foundation dimensions shown in the Foundation Design Table are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown in the Foundation Data Table will be the result of site specific designs.

If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

* If bedrock is encountered, the drilled shaft should be extended into bedrock at minimum of 5 feet for the sign structure at Sta. 783+00 and 6 feet for the sign structure at Sta. 798+00, or to a minimum shaft depth below ground of 20 feet, whichever is greater. If rock is not encountered, provided the full 32 feet of shaft depth below ground. Quantities, elevations and shaft depths are based on the estimated top of rock elevations as shown in the provided soil boring logs.

FOUNDATION DESIGN TABLE

Truss Type	Post Base Sheet	Maximum Cantilever Length (ft)	Maximum Total Sign Area (sq ft)	Shaft Diameter (in)	"B" Depth (ft)	Anchor Rods No.	Anchor Rods Diameter (in)	Anchor Rod Circle Diameter (in)
I-C-A	OSC-A-4	25	170	3.0	16.0	8	2	22
II-C-A	OSC-A-5	30	170	3.5	17.0	12	2	30
II-C-A	OSC-A-5	30	340	3.5	21.5	12	2	30
III-C-A	OSC-A-5	35	170	3.5	19.0	12	2	30
III-C-A	OSC-A-5	35	250	3.5	22.5	12	2	30
III-C-A	OSC-A-5	35	400	3.5	26.5	12	2	30
III-C-A	OSC-A-5	40	400	3.5	32.0	12	2	30

FOUNDATION DATA TABLE

Structure Number	Station	Truss Type	Shaft Diameter	Elevation Top	Elevation Bottom	Qu	A	B	F	Class DS Concrete Cubic Yards	Rock Excavation for Structures Cubic Yards
1C099I080R134.3	783+00	III-C-A	3'-6"	643.55	616.05*	2.6	2'-6"	22'-6"*	25'-0"*	8.9	2
1C099I080R134.6	798+00	III-C-A	3'-6"	649.49	624.68*	3.1	2'-6"	22'-3¾"*	24'-9¾"*	8.8	2
1C099I080L135.3	829+64	III-C-A	3'-6"	639.69	605.19	0.6	2'-6"	32'-0"	34'-6"	12.3	-
1C099I080L135.5	843+50	III-C-A	3'-6"	647.86	613.36	1.6	2'-6"	32'-0"	34'-6"	12.3	-

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES – DRILLED SHAFT
ALUMINUM TRUSS & STEEL POST

SHEET 7 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	401

CONTRACT NO. 62R29

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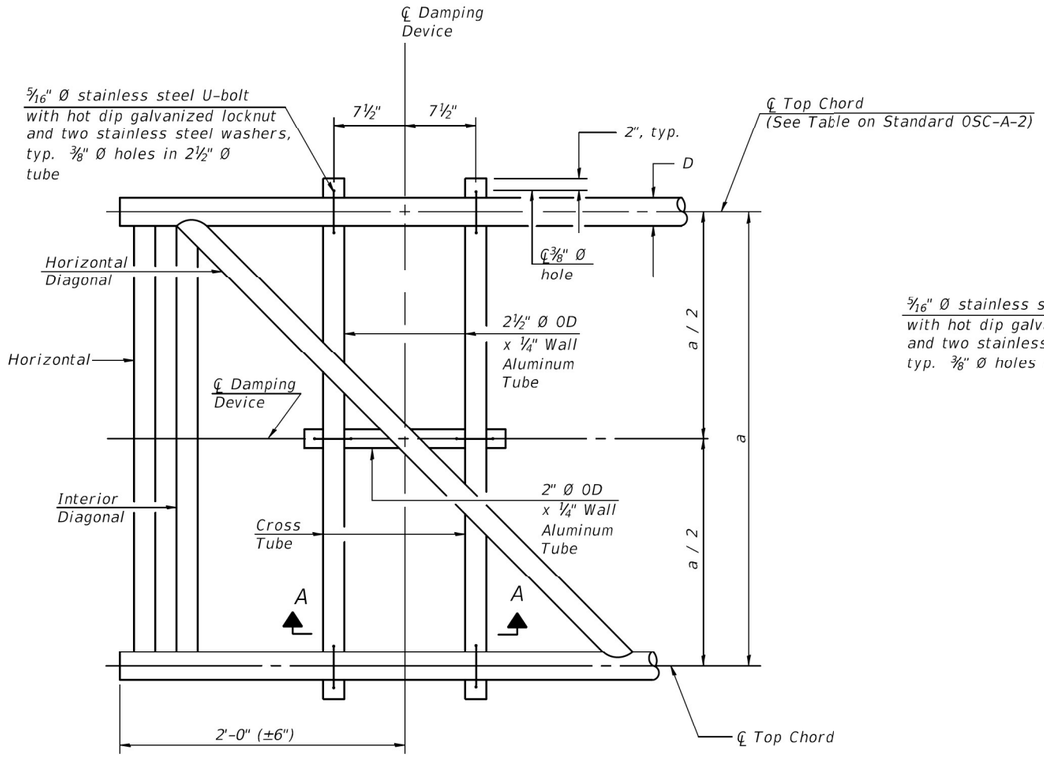
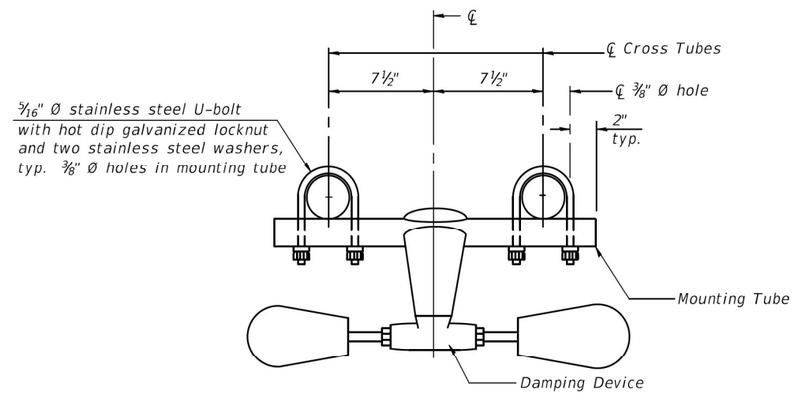
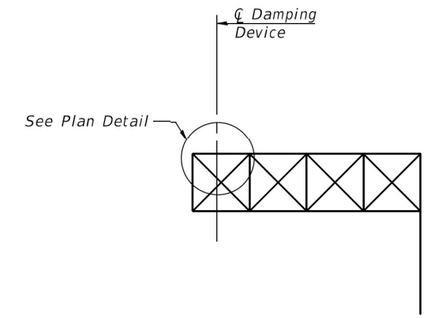


PLAN DETAIL



TRUSS DAMPING DEVICE CONNECTION DETAIL



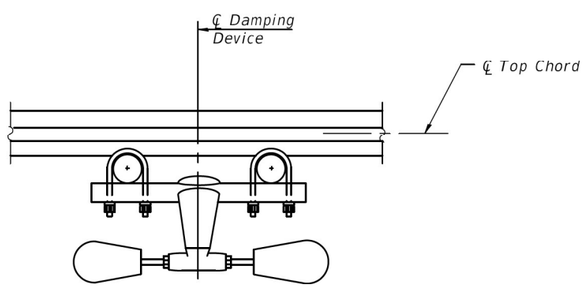
ELEVATION

Aluminum Cantilever Sign Structure

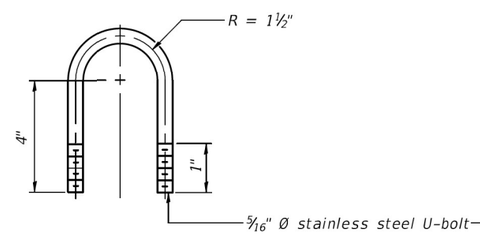
GENERAL NOTES

Damper: One damper per truss. (31 lbs. Stockbridge-Type Aluminum-29" minimum between ends of weights)

Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6

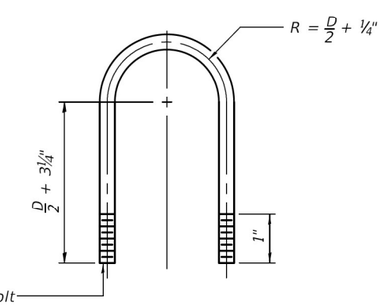


SECTION A-A



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL

(Typical)



TOP CHORD TO CROSS TUBE U-BOLT DETAIL

(Typical)

OSC-A-D 2-17-2017

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USER NAME =	DESIGNED - CS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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CANTILEVER SIGN STRUCTURE
DAMPING DEVICE

SHEET 8 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	402

CONTRACT NO. 62R29

ILLINOIS FED. AID PROJECT

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6/28/2023

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2818

SOIL BORING LOG

GEO Job No. 20012
Page 1 of 1
Date 1/9/23

FAI Route 80 from Chicago Street to US Route 30

ROUTE Route 30 **DESCRIPTION** I-80 Phase II **LOGGED BY** RT/VH

SECTION - **LOCATION** SE 1/4, **SEC.** 14, **TWP.** T35N, **RNG.** R10E, 3rd **PM**

COUNTY Will **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO.
Station
BORING NO. OSB-002
Station 783+32
Offset 64.00ft Right
Ground Surface Elev. 643.55 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After - **Hrs.** - ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
15.0" ASPHALT					
					2
	642.30		18		
6.0" STONE	641.80				
CLAY LOAM-brown-very stiff			5	3.50	15
			8	P	
becoming brown & gray @ -3.5'			4		
			8	3.50	19
		-5	8	P	
			8		
			10	2.50	20
			15	P	
	635.05				
SILTY CLAY-brown-very stiff			8		
			7	3.50	25
		-10	13	P	
			7		
			8	3.00	26
			11	P	
	630.05				
SILT-brown-medium dense			6		
			8		24
		-15	9		
	627.55				
CLAY LOAM-gray-very stiff			3		
			4	2.50	21
			6	P	
	625.05				
SAND & GRAVEL-brown-very dense			38		
			50/5"		9
	623.55	-20			

Drillers Observation: Possible Top of Bedrock @ -20.0'. Drilled 1' into bedrock to confirm (-20.0' to -21.0') Borehole continued with rock coring.

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-25			
-30			
-35			
-40			

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), GP-Geoprobe Hand Auger

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
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ROCK CORE LOG

GEO Job No. 20012
Page 1 of 1
Date 1/9/23

FAI Route 80 from Chicago Street to US Route 30

ROUTE Route 30 **DESCRIPTION** I-80 Phase II **LOGGED BY** RT/VH

SECTION - **LOCATION** SE 1/4, **SEC.** 14, **TWP.** T35N, **RNG.** R10E, 3rd **PM**

COUNTY Will **CORING METHOD** Rotary Wash

STRUCT. NO.
Station
BORING NO. OSB-002
Station 783+32
Offset 64.00ft Right
Ground Surface Elev. 643.55 ft

CORING BARREL TYPE & SIZE NX Double Swivel-5 ft
Core Diameter 2 in
Top of Rock Elev. 623.55 ft
Begin Core Elev. 622.55 ft

Description	Elev.	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
RUN 1 (-21.0' to -26.0') SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE Light gray & fine grained with horizontal bedding. Numerous horizontal fractures throughout.			1	64	47		511.00
		-25					
	617.55						
End Of Boring @ -26.0'. Boring backfilled with cuttings.							
		-30					
		-35					
		-40					

Color pictures of the cores Yes
Cores will be stored for examination until 5 yrs after const.
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

Z:\PROJECTS\2020\20012 EXP. I-80 FROM CHICAGO ST. TO RT 30, PTB 194-92\20012 BORING LOGS\20012_LOG.GPJ 3/6/23

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE
SOIL BORING LOGS 1
SHEET 9 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	403
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

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SOIL BORING LOG

GEO Job No. 20012
Page 1 of 1
Date 1/9/23

FAI Route 80 from Chicago Street to US

ROUTE Route 30 **DESCRIPTION** I-80 Phase II **LOGGED BY** RT/VH

SECTION - **LOCATION** SE 1/4, **SEC.** 14, **TWP.** T35N, **RNG.** R10E, 3rd **PM**

COUNTY Will **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO.
Station

BORING NO. OSB-003
Station 798+04
Offset 65.00ft Right
Ground Surface Elev. 648.68 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After - **Hrs.** - ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
15.0" ASPHALT					2
	647.43		9		
6.0" STONE	646.93		7	4.50	18
CLAY LOAM-brown & gray-hard			9	P	
	645.18		4		
SILTY CLAY LOAM-brown & gray-very stiff			6	3.50	25
		-5	8	P	
	641.68		7		
CLAY LOAM-gray-very stiff to hard			9	3.00	18
			11	P	
			5		
			7	2.00	19
		-10	7	P	
			6		
			8	3.50	15
			9	P	
			6		
			7	3.00	16
		-15	14	P	
becoming brown & gray @ -16.0'			6		
			9	4.50	15
			19	P	
	630.68				
Driller observation: Fractured/Weathered rock.			50/0"		
					NR
	628.68	-20			

Borehole continued with rock coring

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), GP-Geoprobe Hand Auger

BBS, from 137 (Rev. 8-99)

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ROCK CORE LOG

GEO Job No. 20012
Page 1 of 1
Date 1/9/23

FAI Route 80 from Chicago Street to US

ROUTE Route 30 **DESCRIPTION** I-80 Phase II **LOGGED BY** RT/VH

SECTION - **LOCATION** SE 1/4, **SEC.** 14, **TWP.** T35N, **RNG.** R10E, 3rd **PM**

COUNTY Will **CORING METHOD** Rotary Wash

STRUCT. NO.
Station

CORING BARREL TYPE & SIZE NX Double Swivel-5 ft
Core Diameter 2 in
Top of Rock Elev. 630.68 ft
Begin Core Elev. 628.68 ft

BORING NO. OSB-003
Station 798+04
Offset 65.00ft Right
Ground Surface Elev. 648.68 ft

Description	Elev.	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
	628.68		1	68	0		168.00
RUN 1 (-20.0' to -25.0') SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE Light gray & fine grained with horizontal bedding. Highly fractured with rust some stanining throughout.							
	623.68	-25					
End Of Boring @ -25.0'. Boring backfilled with cuttings.							
		-30					
		-35					
		-40					

Color pictures of the cores Yes
Cores will be stored for examination until 5 yrs after const.
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE
SOIL BORING LOGS 2
SHEET 10 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	404
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

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SOIL BORING LOG

GEO Job No. 20012
Page 1 of 1
Date 1/12/23

FAI Route 80 from Chicago Street to US Route 30

ROUTE Route 30 **DESCRIPTION** I-80 Phase II **LOGGED BY** RT/VH

SECTION - **LOCATION** SE 1/4, **SEC.** 13, **TWP.** T35N, **RNG.** R10E

COUNTY Will **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO.
Station
BORING NO. OSB-006
Station 829+62
Offset 65.00ft Left
Ground Surface Elev. 639.90 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft
Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After - **Hrs.** - ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
15.0" ASPHALT					
					5
	638.65		4		
SILTY CLAY-gray-very stiff			7	2.75	14
			12	P	
	636.40				
CLAY LOAM-brown & gray-stiff to very stiff			11		
			12	3.00	15
		-5	9	P	
			4		
			4	1.50	22
			5	P	
	631.40				
SAND-brown-loose			3		
			4		20
		-10	4		
	628.90				
SILTY CLAY-gray-medium stiff			3		
			2	1.00	27
			3	P	
			3		
			3	0.50	28
		-15	6	P	
	623.90				
SAND-gray-loose to medium dense			8		
			8		23
			6		
			4		
			4		19
		-20	4		

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND-gray-loose to medium dense *(continued)*	618.90				
CLAY LOAM-gray-stiff			4		
			12	1.00	28
			21	P	
	616.40				
SAND-gray-medium dense			12		
			16		22
		-25	16		
			12		
			11		9
			5		
			9		
			10		23
		-30	7		
	606.40				
SILT-gray-dense			19		
			22		27
		-35	21		
	601.40				
SAND & GRAVEL-gray-dense			14		
			20		14
End Of Boring @ -40.0'. Boring backfilled with cuttings.	599.90	-40	19		

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), GP-Geoprobe Hand Auger
BBS, from 137 (Rev. 8-99)

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SOIL BORING LOG

GEO Job No. 20012
Page 1 of 1
Date 1/12/23

FAI Route 80 from Chicago Street to US Route 30

ROUTE Route 30 **DESCRIPTION** I-80 Phase II **LOGGED BY** RT/VH

SECTION - **LOCATION** SE 1/4, **SEC.** 13, **TWP.** T35N, **RNG.** R10E, 3rd **PM**

COUNTY Will **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO.
Station
BORING NO. OSB-007
Station 843+46
Offset 65.00ft Left
Ground Surface Elev. 646.58 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft
Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After - **Hrs.** - ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
15.0" ASPHALT					
					1
	645.33		6		
CRUSHED STONE-medium dense			8		5
			12		
	643.08				
CLAY LOAM-brown & gray-very stiff to hard			5		
			4	4.50	17
		5	6	P	
			6		
			7	2.25	24
			9	P	
			4		
			5		NR
	636.58	-10	7		
NO RECOVERY					
			8		
			10		28
	634.08		15		
SILTY LOAM-gray-medium dense					
			7		
			8	3.50	23
	631.58	-15	13	P	
CLAY LOAM-gray-medium stiff to very stiff					
			6		
			9	1.25	21
			10	P	
			5		
			6	0.75	21
		-20	8	P	

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY LOAM-gray-medium stiff to very stiff *(continued)*					
			4		
			6	0.75	15
			8	P	
			4		
			5	1.50	21
		-25	8	P	
			5		
			7	1.25	22
			7	P	
	618.08				
SILTY CLAY-gray-stiff			3		
			4	1.50	17
		-30	4	P	
	613.08				
CLAY LOAM-gray-very stiff			7		
			50/4"		NR
	611.58	-35			
Drillers Observaton: Possible Top of Bedrock	609.58				
Borehole continued with rock coring.					
		-40			

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), GP-Geoprobe Hand Auger
BBS, from 137 (Rev. 8-99)

Z:\PROJECTS\2020\20012 EXP, I-80 FROM CHICAGO ST. TO RT 30, PTB 194-9\20012 BORING LOGS\20012_LOG.GPJ 3/6/23

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6/28/2023

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	CHECKED - BAR	REVISED -	
PLOT SCALE =	DRAWN - CS	REVISED -	
PLOT DATE =	CHECKED - BAR	REVISED -	

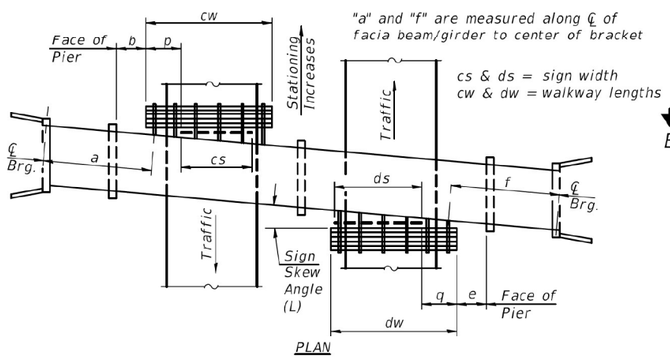
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE
SOIL BORING LOGS 3

SHEET 11 OF 11 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	405
		CONTRACT NO. 62R29		
		ILLINOIS FED. AID PROJECT		

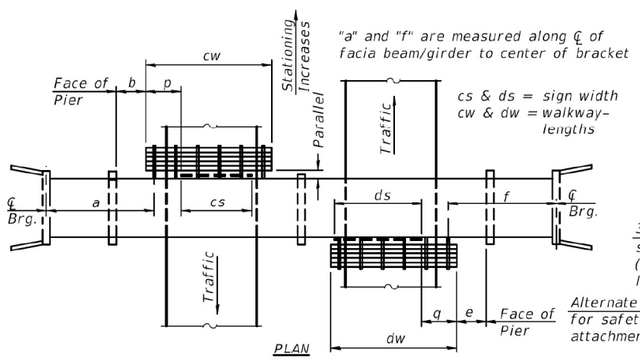
NOT IN CONTRACT
FOR INFORMATION ONLY



(Left Sign Skew > 15°)

WALKWAY AND HANDRAIL SKETCH

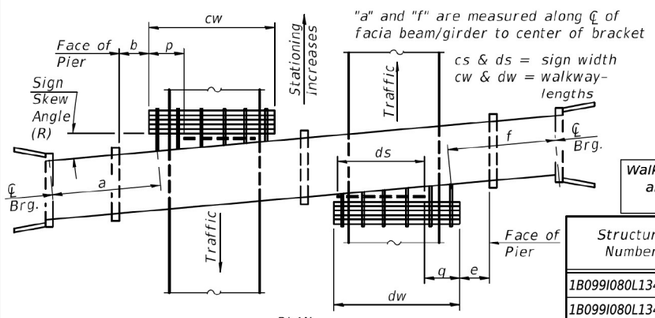
(Road plan beneath structure varies.)



(For Sign Skew ≤ 15°, all brackets constant)

WALKWAY AND HANDRAIL SKETCH

(Road plan beneath structure varies.)

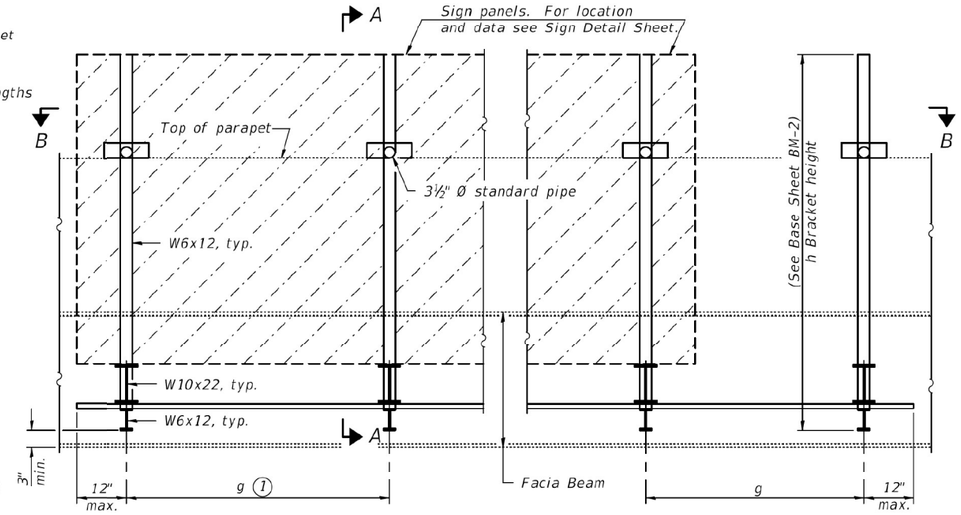


(Right Sign Skew > 15°)

WALKWAY AND HANDRAIL SKETCH

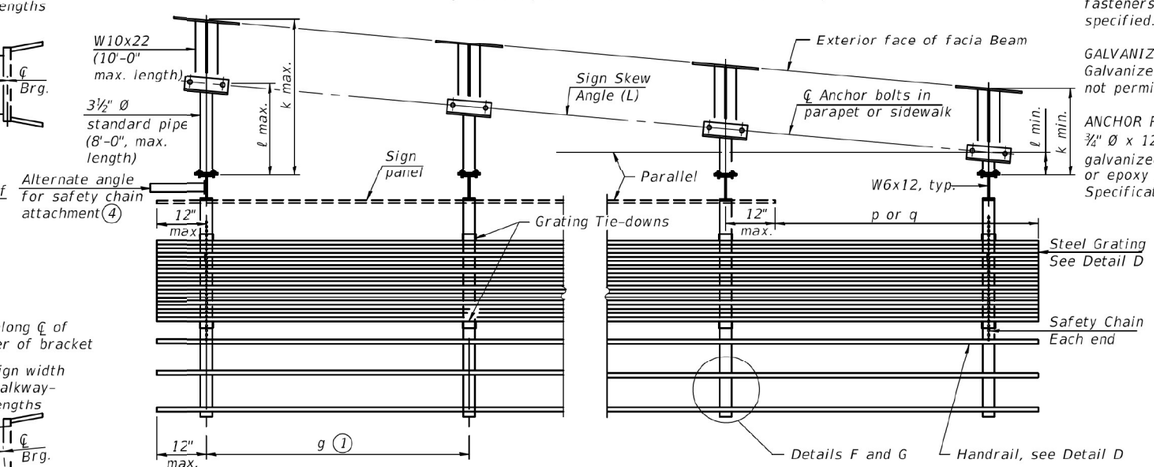
(Road plan beneath structure varies.)

NOT IN CONTRACT
FOR INFORMATION ONLY



TYPICAL FRONT ELEVATION

(With lights, safety chain and handrail omitted for clarity.)



SECTION B-B

(Shown: Left Sign Skew > 15°)

Walkway grating, walkway brackets, handrail, lighting, and associated component shall not be included. Sign Panels are not included in this Contract.

Structure Number	Sign. Skew Angle (L) or (R)	Bridge Station	Bridge Structure Number	Contract Route Designation	a	b	cs	cw	ds	dw	e	f	g	No. of Brackets (Total)	p	q	Total Grating/ Hndrl. Lengths (cw + dw)
1B099I080L134.9-001	0°19'41"(L)	60+36	099-8307	FAI-80	70'-3½"	68'-4"	14'-6"						4'-6"	4	0		
1B099I080L134.9-002	0°19'41"(L)	60+53	099-8307	FAI-80	53'-3½"	51'-4"	15'-0"						4'-8"	4	0		

Dimensions a, b, e, f & g may vary as approved by the Engineer, see (1).
When cw < cs and/or dw < ds, use alternate brackets without walkway supports where applicable, see (3).

GENERAL NOTES

SPECIFICATIONS:

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications") (2)

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

MINIMUM CLEARANCE: 3" greater than bridge members at all locations. (All Obstructions)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 Structural Welding Code (Steel) and the Standard Specificiations.

MATERIALS: All Structural Steel Pipe shall be ASTM A53 Grade B with a minimum yield of 35,000 p.s.i., or A500 Grade B or C with a minimum yield of 46,000 p.s.i. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 (M183, M223 Gr. 50,).

HIGH STRENGTH BOLTS: All bolts, washers, nuts and locknuts shall satisfy the requirements of ASTM designation A307 unless noted as "H.S." which shall require AASHTO M164 (A325), ASTM A449, or approved alternate. All fasteners shall be hot dip galvanized per AASHTO M232 unless otherwise specified.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: All-threaded rod shall conform to ASTM F1554 Grade 105, ¾" Ø x 12" long, each with one plate washer and locknut and be hot dip galvanized per AASHTO M232. They shall be either cast into the concrete or epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment in concrete shall be 9".

(1) Bracket spacing g ≤ 6'-0", max. Spacing shall be uniform if possible but may vary ±6" to miss existing obstruction (rail post, light poles, web stiffeners, splice plates, etc.). Adjust bracket lengths accordingly on skewed structures.

(2) Any design modifications shall be based on the current version of applicable specifications and submitted for the Engineer's approval.

(3) Unit price includes grating, handrail, brackets, supports, anchor bolts, fasteners, fabrication, delivery, erection, field drilling and other necessary items. ~~Limits of payment are based on grating length (cw, dw) unless otherwise specified.~~ For Safety Chain Details and Details D, F and G, see Base Sheet BM-4. **Limits of payment are the overall width of the sign panel or total width of adjacent sign panels, including spacing between adjacent sign panels, to be installed on the sign structure.**

(4) If walkway bracket at safety chain location is behind sign, add angle to bracket. See detail on Base Sheet BM-4.

TOTAL BILL OF MATERIAL

(3) OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED	Foot	30

BM-1 2-17-2017

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PLOT DATE = 12/14/2022	DATE - 12/15/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
GENERAL PLAN AND ELEVATION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 62R55		
		ILLINOIS FED. AID PROJECT		

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PLOT DATE =	CHECKED - BAR	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

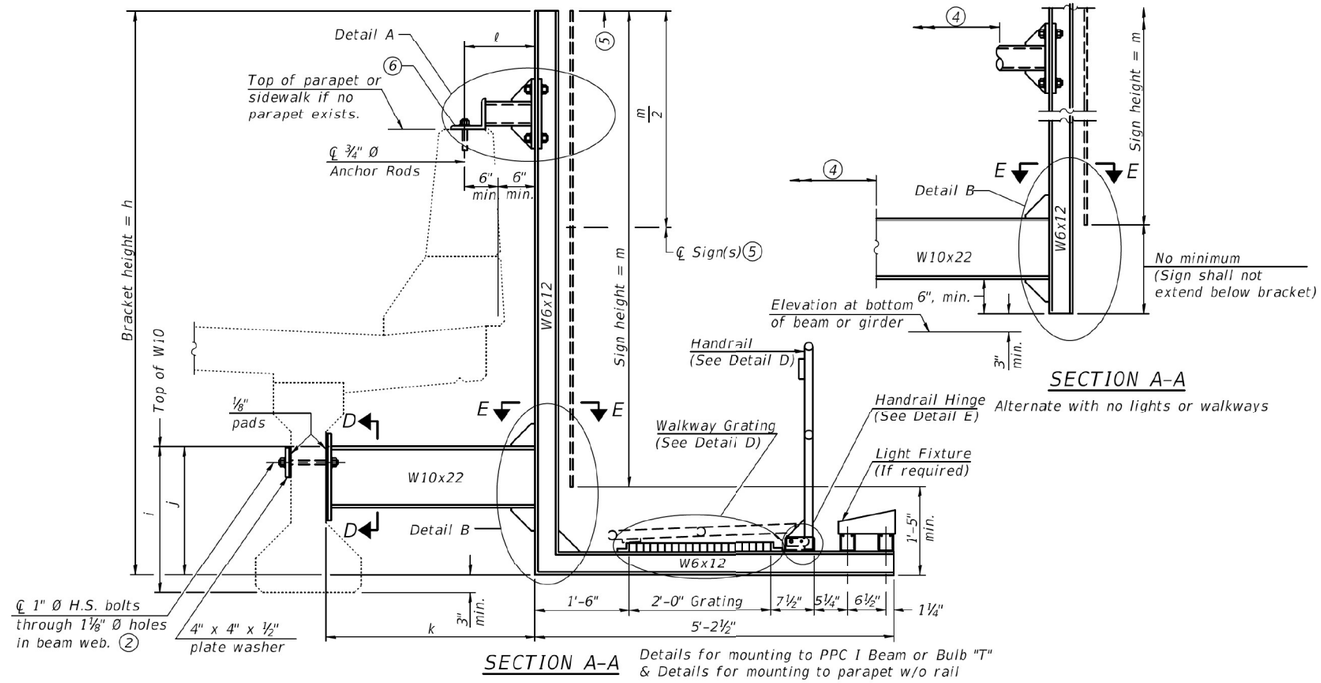
EXISTING BRIGGS ST
BRIDGE MOUNT SIGN STRUCTURE 1

SHEET OF SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	406
		CONTRACT NO. 62R29		
		ILLINOIS FED. AID PROJECT		

6/28/2023

NOT IN CONTRACT
FOR INFORMATION ONLY

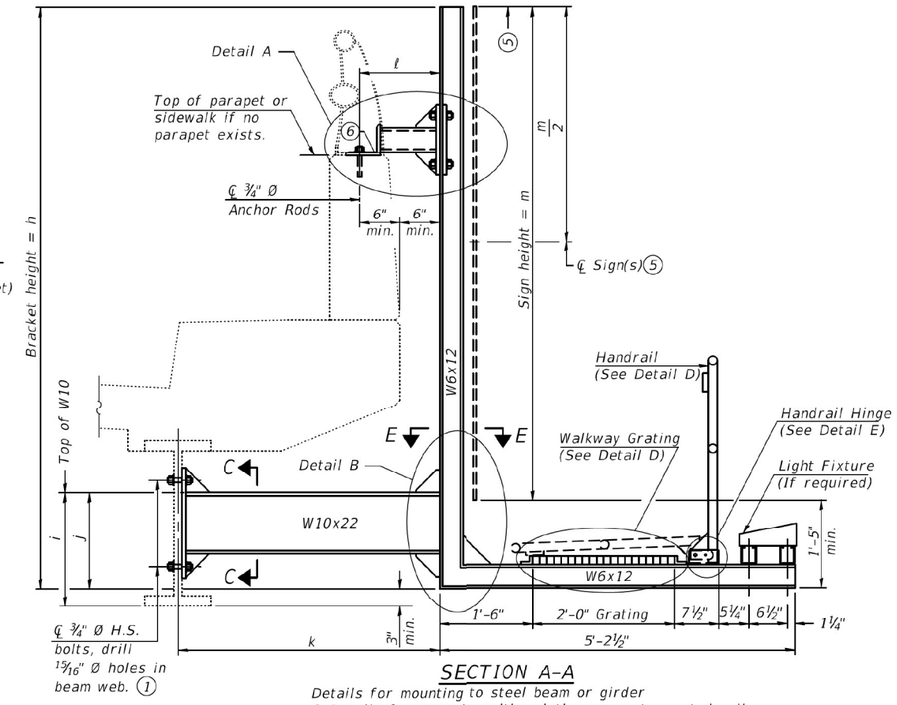


SECTION A-A

Details for mounting to PPC I Beam or Bulb "T"
& Details for mounting to parapet w/o rail

SECTION A-A

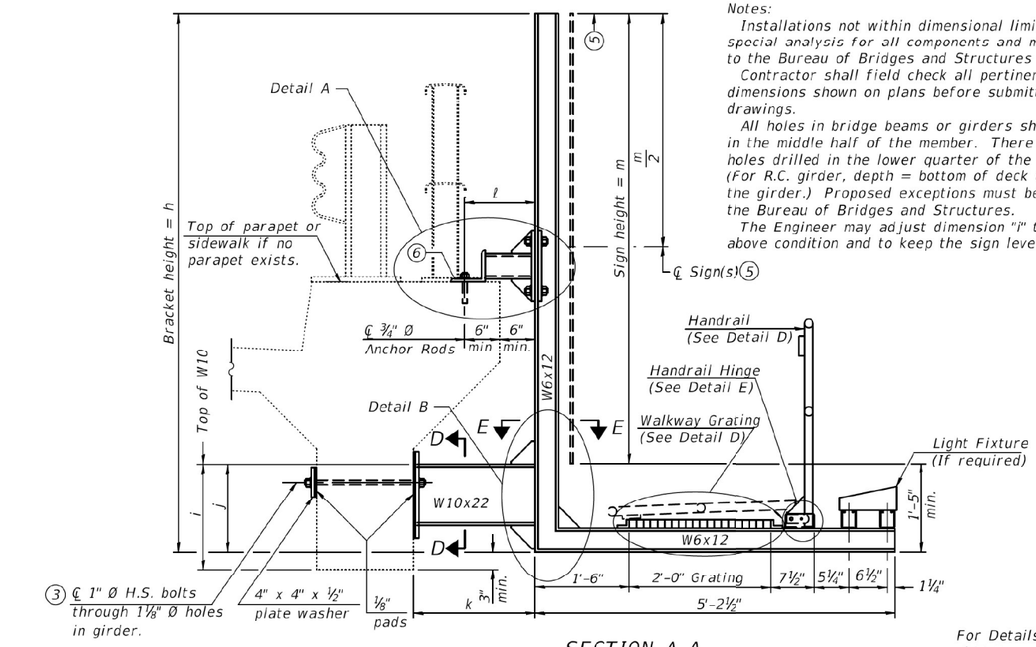
Alternate with no lights or walkways



SECTION A-A

Details for mounting to steel beam or girder
& Details for mounting with existing parapet mounted rail

NOT IN CONTRACT
FOR INFORMATION ONLY



SECTION A-A

Details for mounting to integral reinforced concrete girder & Details for mounting on safety curb with surface-mount bridge rail

Notes:

Installations not within dimensional limits shown require special analysis for all components and must be submitted to the Bureau of Bridges and Structures for approval.

Contractor shall field check all pertinent existing bridge dimensions shown on plans before submitting shop drawings.

All holes in bridge beams or girders should be located in the middle half of the member. There shall be no holes drilled in the lower quarter of the member's depth. (For R.C. girder, depth = bottom of deck to bottom of the girder.) Proposed exceptions must be approved by the Bureau of Bridges and Structures.

The Engineer may adjust dimension "i" to meet the above condition and to keep the sign level.

1. Holes in new steel members may be drilled in the fabrication shop or in the field. Field drill existing members.

2. For new PPC I beams, holes shall be formed during casting. For existing PPC I beams, prestressing strand locations shall be determined and spaced to miss strands by 6", min. Minimize spalling during field drilling of existing beams.

3. For new construction, form holes. For existing RC beams, locate primary reinforcement and space holes to miss by 6", min. Minimize spalling and concrete fracturing/damage during field drilling of existing concrete. Spalls over ¼" deep or beyond the coverage of the 4x4 plate washer shall be repaired with epoxy mortar before installing washer.

4. For attachment details of 3½" pipe and W10x22, see other sections as applicable.

5. Sign shall not extend more than 6" above top of bracket, and this dimension may vary to keep sign level if bridge is on grade or vertical curve. Multiple signs of various heights shall share a common horizontal centerline and use equal bracket heights. If no sign is attached to a W6x12 vertical (bracket only supporting walkway), dimension h shall be the same as an adjacent bracket with a sign attached, unless Engineer specifically directs shorter brackets due to locational restraints on future uses. (See Detail A for minimum bracket height.)

6. For bridge mounted sign structures installed on new bridges with railing, during design, bracket spacing must be coordinated with railing post spacing and the Contractor must install upper brackets prior to railing installation. For bridge mounted sign structures installed on existing bridges with railing, during design, brackets spacing must be coordinated with railing post spacing and the Contractor must temporarily remove sections of railing to facilitate upper bracket installation. If it is determined during design that existing railings can't be removed, alternate upper connection details must be developed for the contract plans and approved by the Bureau of Bridges and Structures.

Walkway grating, walkway brackets, handrail, lighting, and associated component shall not be included. Sign Panels are not included in this Contract.

Structure Number	Station	h	i	j	k max. (10'-0" max.)	ℓ max. (8'-0" max.)	m (15'-0" max.)
1B099I080L134.9-001	60+36	13'-11"	2'-8"	2'-5"	3'-7½"	1'-1"	12'-0"
1B099I080L134.9-001	60+53	10'-11"	2'-8"	2'-5"	3'-7½"	1'-1"	9'-0"

For Details A & B, Sections C-C, D-D and E-E, see Base Sheet BM-3.
For Details D & E, see Base Sheet BM-4.

BM-2 2-17-2017

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PLOT DATE = 12/14/2022	DATE - 12/15/2022	REVISED -	

BRIDGE MOUNT SIGN STRUCTURES
WALKWAY AND CONNECTION DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 62R55		
		ILLINOIS FED. AID PROJECT		

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EXISTING BRIGGS ST
BRIDGE MOUNT SIGN STRUCTURE 2

SHEET OF SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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6/28/2023

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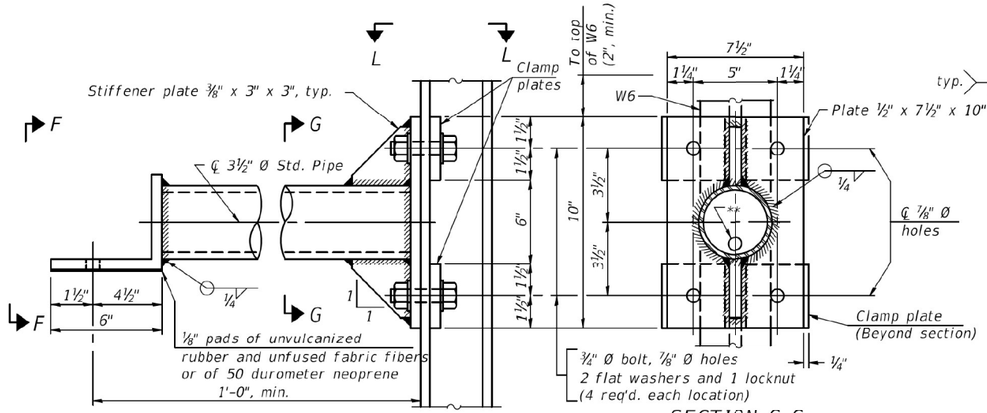
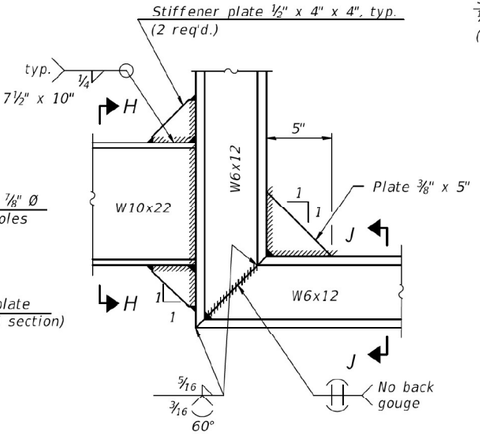
FOR INFORMATION ONLY

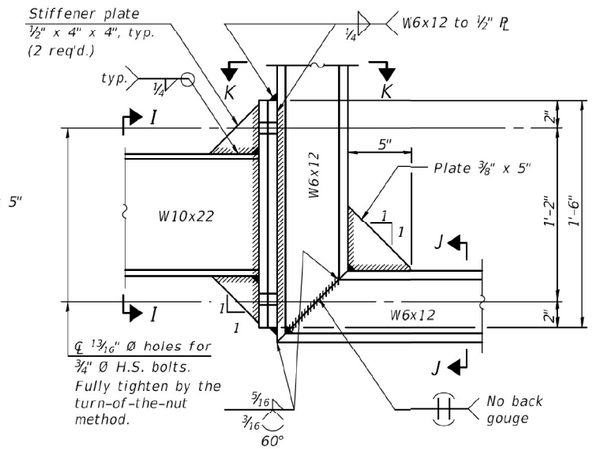


DETAIL A

SECTION G-G

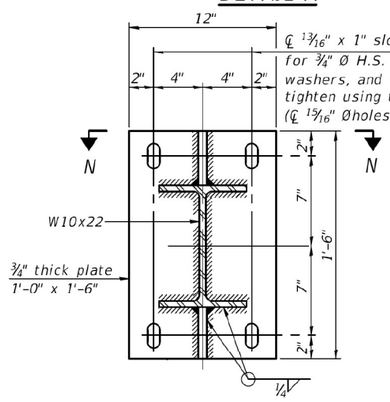


DETAIL B - WELDED W10x22 TO W6x12 CONNECTION



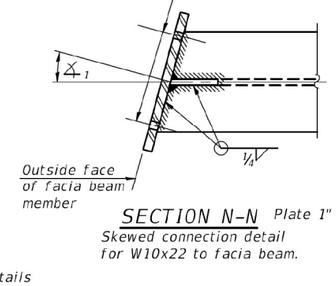
DETAIL B - ALTERNATE BOLTED W10x22 TO W6x12 CONNECTION

Alternate may be substituted by contractor to facilitate construction or galvanizing, especially on long struts for skewed bridges.



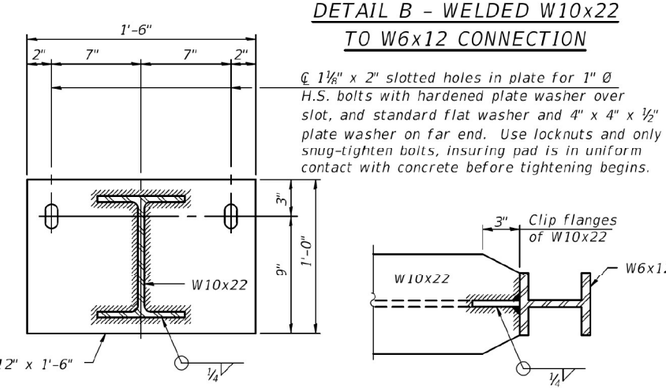
SECTION C-C

Steel beam or girder connection plate details



SECTION N-N

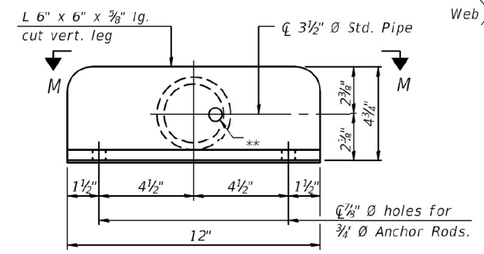
Skewed connection detail for W10x22 to facia beam.



SECTION D-D

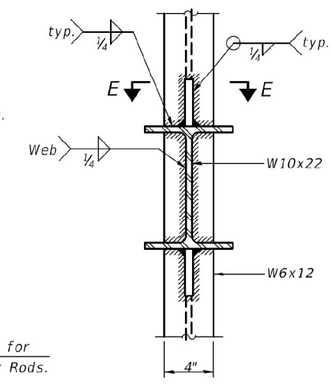
Concrete beam or girder connection plate details.

SECTION E-E



VIEW F-F

** 13/16" Ø holes for galvanizing. After galvanizing, install ⅞" Ø A307 hot-dip galvanized bolt to close hole in angle. (No bolt required in ½" plate.)



SECTION H-H

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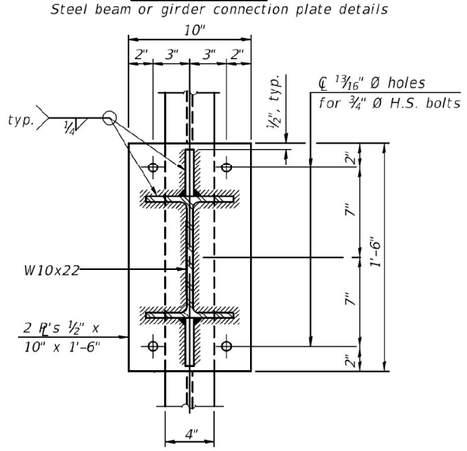
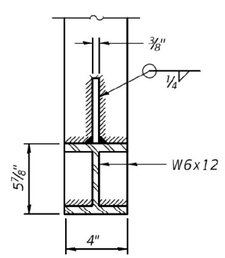
FOR INFORMATION ONLY

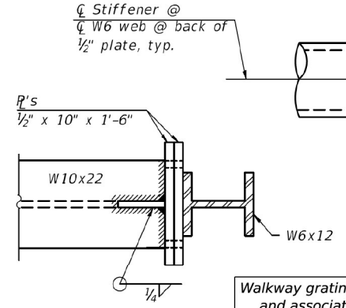


SECTION I-I

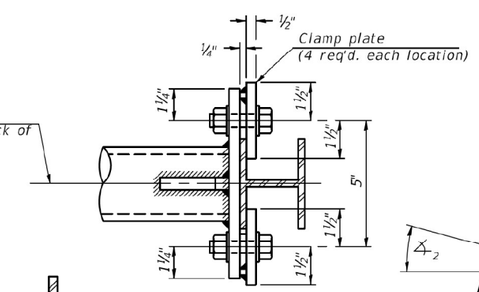


SECTION J-J

Note: For constant slab overhang at facia beam, ∡1 = ∡2 = sign angle. For flared beams or other special cases where ∡1 ≠ ∡2, ∡1 = sign angle.

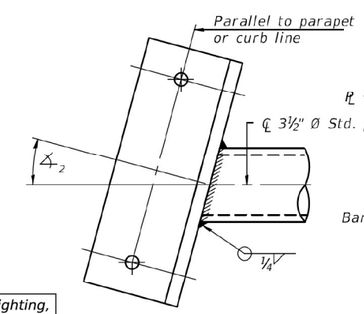


SECTION K-K



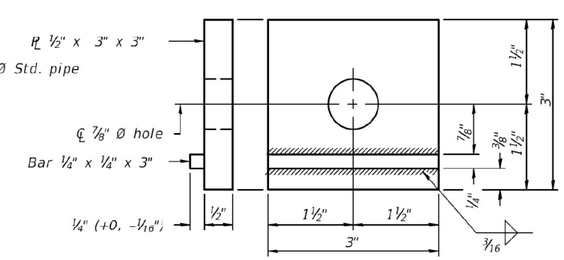
SECTION L-L

Walkway grating, walkway brackets, handrail, lighting, and associated component shall not be included. Sign Panels are not included in this Contract.



SECTION M-M

Skewed connection detail for 3½" Ø pipe to parapet.



CLAMP PLATE DETAILS

BM-3 2-17-2017

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SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		ILLINOIS	FED. AID PROJECT	

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SHEET OF SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

6/28/2023

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. THE LIMITS OF CONSTRUCTION WILL BE STAKED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGES IN CONSTRUCTION LIMITS.

2. EROSION CONTROL ITEMS ARE CONSIDERED HIGH PRIORITY ITEMS IN THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF SPECIFICATIONS NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION OPERATIONS WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION LIMITS.

3. TEMPORARY EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS, CONTRACT SPECIAL PROVISIONS AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).

4. THE CONTRACTOR SHALL UTILIZE THE GENERAL MAINTENANCE GUIDELINES AS OUTLINED IN THE SWPPP TO ENSURE GOOD AND EFFECTIVE OPERATING CONDITION OF THE VEGETATION AND EROSION AND SEDIMENT CONTROL MEASURES.

5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE. ALL CHANGES TO THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE NOTED ON THE PLANS KEPT ON SITE.

6. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN HIGHWAY STANDARD 280001. THE USE OF STRAW BALES ARE NOT PERMITTED IN DISTRICT ONE.

7. THE EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOB SITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.

8. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN SEDIMENT CONTROL MEASURES PRIOR TO STRIPPING EXISTING VEGETATION.

9. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THEAUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 1/2 INCH OR EQUIVALENT SNOWFALL AND AFTER EACH SIGNIFICANT SNOWMELT.

10. THE EXISTING GROUND COVER SHALL REMAIN IN PLACE AND UNDISTRUBED IN AREAS WHERE THERE IS NO PROPOSED GRADING.

11. TOPSOIL SHALL BE PLACED ON SLOPES AFTER COMPLETING FINAL GRADING. TOPSOIL SHALL NOT BE PLACED ON SURFACES THAT WILL BE PAVED IN THE FUTURE OR ON TEMPORARILY STEEP SLOPES.

12. TEMPORARY STOCKPILE LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND WILL REQUIRE SILT FENCE AND TEMPORARY SEEDING.

13. ALL STORM SEWER FACILITIES WITH OPEN LIDS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED OR FILTERED. ALL DRAINAGE STRUCTURES THAT HAVE OPEN LIDS IN PAVEMENT AREAS SHALL BE PROTECTED WITH INLET FILTERS. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL NO LONGER REQUIRED OR AS DIRECTED BY THE ENGINEER.

14. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

15. LOCATIONS OF STABILIZED CONSTRUCTION ENTRANCES/EXITS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE INSTALLATION OF THE ENTRANCE/EXITS SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL OR AS DIRECTED BY THE ENGINEER. AN ESTIMATED QUANTITY FOR STABILIZED CONSTRUCTION ENTRANCES HAS BEEN PROVIDED IN THE CONTRACT.

16. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INSTALLED ON ALL AREAS DISTURBED DURING EACH STAGE OF CONSTRUCTION PRIOR TO SWITCHING TRAFFIC TO BEGIN THE SUBSEQUENT STAGE. ALSO, ALL EROSION CONTROL MEASURES PLACED DURING CONSTRUCTION SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL COMPLETION OF CONTRACT OR NO LONGER REQUIRED.

17. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION (DATED JULY 1, 2010) AND IDOT'S BEST MANAGEMENT PRACTICES: (HTTP://WWW.IDOT.ILLINOIS.GOV/ASSETS/UPLOADS/FILES/TRANSPORTATION-SYSTEM/MANUALS-GUIDES-& HANDBOOKS/HIGHWAYS/ENVIRONMENT/EROSION%20AND %20SEDIMENT%20CONTROL%20FIELD%20GUIDE%20FOR%20CONSTRUCTION%20 INSPECTION.PDF)

18. THE CONTRACTOR MUST PROVIDE A PLAN TO THE RESIDENT ENGINEER TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION.

19. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.

20. ALL WORK ASSOCIATED WITH INSTALLATION AND MAINTENANCE OF CONCRETE WASHOUTS IS INCIDENTAL TO THE CONTRACT.

21. SHOULD IT BE NECESSARY TO REMOVE ANY EROSION CONTROL DEVICES FOR CONSTRUCTION REASONS, THE CONTRACTOR SHALL FIRST OBTAIN PERMISSION AND SHALL REPAIR OR REPLACE THE REMOVED DEVICES THE SAME DAY. THE COST OF REMOVING AND REPLACING THE DEVICE SHALL BE INCLUDED IN THE CONTRACT.

22. MULCH, METHOD 2 AND SURFACE ROUGHENING SHALL BE USED FOR TEMPORARY STABILIZATION DURING WINTER IN ADDITION TO TEMPORARY EROSION CONTROL SEEDING WHEN GRADING WILL OCCUR WHILE THE GROUND IS SNOW COVERED WHEN TEMPORARY SEED WILL NOT GERMINATE AND PROVIDE EROSION CONTROL PROTECTION UNTIL THE FOLLOWING SPRING. SURFACE ROUGHENING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF MULCH, METHOD 2.

23. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.

24. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.

25. CULVERT INLET PROTECTION SHALL CONSIST OF EXCELSIOR DITCH CHECKS. AVOID STRAW BALE AND SILT FENCE PROTECTION DESCRIBED IN STANDARD 28000500. THE CULVERT INLET PROTECTION STRUCTURES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANETLY STABILIZED. INSPECT AFTER EVERY RUNOFF PRODUCING RAIN AND MAKE REPAIRS AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS BEEN ACCUMULATED TO ONE-HALF THE HEIGHT OF THE DITCH CHECK.

26. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.

27. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT WILL NOT BE STRIPPED OF VEGETATION UNTIL THE GRADED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES. WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.

    (A) WHEN BALANCING EARTHWORK (BORROW FROM A CUT USED AS FILL AT A LOCATION DISTANT FROM THE CUT) THE ENGINEER WILL CONSIDER ALLOWING MORE THAN 10 ACRES OF GRADING AT A TIME. THE 10 ACRES LIMITATION DOES NOT INCLUDE HAUL ROADS, BRIDGE CONSTRUCTION WORK AREAS AND STORAGE AREAS.

    (B) VARIATIONS TO THE ABOVE MAY BE CONSIDERED BY THE ENGINEER UNDER ALL THE FOLLOWING CONDITIONS:
    - IF THE CONTRACTOR FALLS BEHIND SCHEDULE THROUGH NO FAULT OF HIS OWN.
    - THE CONTRACTOR MUST PRESENT A SCHEDULE DEMONSTRATING THE NEED FOR SUCH VARIATION IN ORDER TO COMPLETE THE WORK ON TIME.
    - THE CONTRACTOR MUST COMPLY WITH ALL OTHER CONTRACT REQUIREMENTS.

28. STABILIZATION MEASURES SHOULD BE INSTALLED ON CUT OR FILL SLOPES IN ACCORDANCE WITH THE ILR10 PERMIT REGARDLESS OF HEIGHT OF CUT OR FILL SLOPE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL OR EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.

29. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 1 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 1/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.

30. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE IN ACCORDANCE WITH MULCH, METHOD 2. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.

31. MATERIALS EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN THE VICINITY OF THE TRAP OR BASIN. IT WILL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.

32. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COST OF THE CONTROLS.

33. DEWATERING ACTIVITIES WILL BE CONDUCTED UTILIZING A SILT BAG LOCATED ON A STABILIZED SURFACE (RIPRAP). DISCHARGE FROM THE SILT BAG WILL FLOW THROUGH A VEGETATED (STABILIZED) FLOW LINE PRIOR TO DISCHARGING INTO THE RECEIVING WATER.

34. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THETOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOWTHE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THE FOLLOWING CONDITIONS ARE MET: (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER. (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH. (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.

35. WHEN STORM SEWER IS UNDER CONSTRUCTION, CONTRACTOR SHALL PROVIDE A PLAN ACCEPTABLE TO THE ENGINEER TO PREVENT EROSION AND SEDIMENTATION FROM RUNOFF ENTERING OR EXITING THE STORM SEWER CONSTRUCTION.

36. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTORS RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW(BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

37. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RESIDENT ENGINEER.

38. ALL PERMANENT SEDIMENT BASINS, PERMANENT STORM WATER CONTROL MEASURES, AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE PROCEEDS. PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON A PROJECT THE CONTRACTOR WILL OBTAIN APPROVAL OF HIS PROPOSED EARTHWORK AND STABILIZATION SCHEDULE.

39. THE ACTUAL NEED FOR TEMPORARY DRAINAGE FACILITIES, AS WELL AS THE STAGING OF THE PERMANENT DRAINAGE SYSTEM CONSTRUCTION, MAY BE MODIFIED BY THE ENGINEER, WHO SHALL BE CONSULTED BEFORE THE INSTALLATION.

40. INLET FILTERS ARE REQUIRED FOR THE STRUCTURES SHOWN ON THE PLANS. STRUCTURE OPENINGS VARY SUCH THAT FIELD MEASUREMENT AND/OR CONTRACTOR DESIGN WILL BE REQUIRED. COST OF DESIGN, LABOR AND MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTER". THE INLET FILTERS SHALL BE IMMEDIATELY INSTALLED, AND MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL COMPLETION OF STAGING OR UNTIL NO LONGER REQUIRED.

404 PERMIT PLAN NOTES

1. THE US ARMY CORPS OF ENGINEERS MUST BE NOTIFIED 10 DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING. ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

2. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT FOUND IN THE SPECIAL PROVISIONS MUST BE FOLLOWED. AS CONDITION OF THE PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

3. "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLETE THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT.

4. WOUS W20 FLOW DATA
   I-80 STA. 880+98
   2-YEAR FLOW = 30.0 CFS
   DRAINAGE AREA = 46.32 ACRES

   WOUS W21 FLOW DATA
   I-80 STA. 916+74
   2-YEAR FLOW = 50.0 CFS
   DRAINAGE AREA = 261.43 ACRES

INSPECTION AND MAINTENANCE

1. PERIMETER EROSION BARRIER - BUILT UP SEDIMENT SHALL BE REMOVED FROM THE BARRIER IF THE INTEGRITY OF THE BARRIER IS IN JEOPARDY. BARRIERS WILL BE INSPECTED FOR DEPTH OF SEDIMENT AND TEARS TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE BARRIER POSTS AND TO SEE THAT THE BARRIER POSTS ARE FIRMLY IN THE GROUND. REPAIR BARRIERS AND POSTS AS NECESSARY.

2. DITCH CHECKS - INSPECT DITCH IF FLOW IS BEING IMPEDED BY SEDIMENT AND INSPECT STONE FOR EVIDENCE OF WASH OUT. BUILT UP SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED ONE HALF THE HEIGHT OF THE DITCH CHECK, WITH STONE REPLACED OR ADDED AS NECESSARY.

3. TEMPORARY SEEDING - INSPECT SEEDED AREAS FOR BARE SPOTS, WASH OUTS, AND HEALTHY GROWTH. REPAIR BARE SPOTS AND WASHOUTS AS NECESSARY.

4. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE - INSPECT FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. REMOVE SEDIMENT AS NEEDED.

5. INLET PROTECTION - INSPECT FABRIC FOR TEARS AND REMOVE SEDIMENT WHEN FILTER IS ONE QUARTER FULL.

6. RIP RAP - INSPECT RIP RAP FOR WASH OUT. REPAIR OR ADD SPECIFIED GRADATION OF RIPRAP AS NECESSARY.

7. ON A WEEKLY BASIS, THE ENGINEER SHALL INSPECT THE PROJECT TO DETERMINE WHETHER EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF ADDITIONAL CONTROL MEASURES ARE NECESSARY. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER AND STABILIZED ACCORDINGLY.

EROSION CONTROL SEQUENCE OF CONSTRUCTION

1. THE FOLLOWING MEASURES ARE TO BE INSTALLED PRIOR TO CLEARING AND GRADING:

2. INSTALL STABILIZED CONSTRUCTION ENTRANCE AT ALL LOCATIONS OF CONSTRUCTION INGRESS AND EGRESS TO ELIMINATE TRACKING OF SEDIMENT FROM CONSTRUCTION SITE INTO THE RIGHT-OF-WAY. ALL STABILIZED ENTRANCES MUST BE APPROVED BY THE ENGINEER.

3. ERECT PERIMETER EROSION BARRIER AS SHOWN ON THE EROSION CONTOL PLANS.

4. INSTALL TREE PROTECTION ON TREES SHOWN ON THE TEMPORARY EROSION CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

5. INSTALL INLET PROTECTION ON ALL EXISTING OPEN LID STRUCTURES.

6. INSTALL DITCH CHECKS ON EXISTING DITCHES NEAR PROPOSED CONSTRUCTION AREAS WHERE USED IN LIEU OF PERIMETER EROSION BARRIER, AS SHOWN ON THE EROSION CONTROL PLANS.

LOCATION	MULCH METHOD 2	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECK	PERIMETER EROSION BARRIER	INLET FILTER	TEMPORARY EROSION CONTROL BLANKET	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
	25100115	28000250	28000305	28000400	28000510	28001100	28001200
	ACRE	POUND	FOOT	FOOT	EACH	SQ YD	SQ YD
I-80 STA 765+10 RT TO STA 801+00 RT	-	655	1,030	-	13	30,656	1,008
I-80 STA 780+00 CL TO STA 813+50 CL	-	-	-	-	37	-	-
I-80 STA 803+28 RT TO STA 813+72 RT	-	561	160	-	-	27,059	-
I-80 STA 813+50 CL TO STA 918+50 CL	-	-	-	-	118	-	-
I-80 STA 814+00 RT TO STA 823+25 RT	-	306	120	-	-	14,785	-
I-80 STA 846+15 RT TO STA 865+79 RT	-	368	410	-	-	17,774	-
I-80 STA 866+14 RT TO STA 918+22 RT	-	1,153	1,150	-	-	54,465	1,182
I-80 STA 918+50 CL TO STA 924+00 CL	-	-	-	-	5	-	-
I-80 STA 918+54 RT TO STA 947+12 RT	-	235	280	-	6	11,204	126
I-80 STA 764+88 LT TO STA 781+40 LT	-	294	500	-	-	11,884	2,253
I-80 STA 804+61 LT TO STA 813+23 LT	-	653	330	-	-	31,541	-
I-80 STA 814+09 LT TO STA 823+58 LT	-	380	160	-	-	18,346	-
I-80 STA 828+50 LT TO STA 865+87 LT	-	601	740	567	4	29,011	-
I-80 STA 866+15 LT TO STA 918+20 LT	-	801	1,330	1,882	22	36,291	2,521
I-80 STA 918+57 LT TO STA 921+47 LT	-	25	-	-	-	998	186
RAMP A STA 100+00 RT TO STA 116+00 RT	-	480	340	2,096	-	23,191	-
RAMP B STA 200+00 RT TO STA 233+68 RT	-	667	750	2,266	-	32,188	-
RAMP B STA 200+00 LT TO STA 233+68 LT	-	77	60	-	-	3,721	-
RAMP C STA 300+00 RT TO STA 317+24 RT	-	277	230	719	-	13,352	-
RAMP C STA 300+00 LT TO STA 317+24 LT	-	144	160	-	-	6,938	-
RAMP D STA 400+00 RT TO STA 434+89 RT	-	219	670	177	-	11,120	-
RAMP D STA 400+00 LT TO STA 434+89 LT	-	143	280	-	-	6,294	-
BRIGGS ST STA 47+00 LT TO STA 55+00 LT	0.36	91	60	-	3	523	2,107
BRIGGS ST STA 47+00 RT TO STA 55+00 RT	-	-	30	-	2	-	-
BRIGGS ST STA 55+00 LT TO STA 60+00 LT	-	-	-	-	3	-	-
BRIGGS ST STA 55+00 RT TO STA 60+00 RT	-	-	50	-	2	-	-
BRIGGS ST STA 60+00 LT TO STA 67+00 LT	-	-	170	-	2	-	-
BRIGGS ST STA 60+00 RT TO STA 67+00 RT	-	-	180	-	2	-	-
BRIGGS ST STA 67+00 LT TO STA 75+00 LT	0.19	42	-	61	11	1,073	-
BRIGGS ST STA 67+00 RT TO STA 75+00 RT	0.15	15	-	-	1	-	-
TEMPORARY TOPSOIL STOCK PILE(S) - LOCATION TBD	-	-	-	2,000	-	-	-
ROUNDING	0.05	-	-	-	-	-	-
TOTAL	0.75	8,187	9,190	9,768	231	382,414	9,383

TEMPORARY DRAINAGE - DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET	STRUCTURE TYPE	INVERT ELEVATIONS				STRUCTURE TOP	MOT STAGE
					NORTH	EAST	SOUTH	WEST		
TD-S100	RAMP D	434+48	43.6' RT	TEMPORARY END SECTION (18" DIA.)		632.00			-	STAGE 1
TD-S101	RAMP D	433+01	33.8' RT	TEMPORARY END SECTION (18" DIA.)				637.00	-	STAGE 1
TD-S102	RAMP B	201+77	95.9' LT	TEMPORARY END SECTION (15" DIA.)			632.33		-	STAGE 1
TD-S103	RAMP B	200+66	69.2' RT	TEMPORARY END SECTION (15" DIA.)	633.00				-	STAGE 1
TD-S104	RAMP B	207+81	96.3' LT	TEMPORARY END SECTION (24" DIA.)			630.65		-	STAGE 1

TEMPORARY DRAINAGE - STORM SEWER SCHEDULE

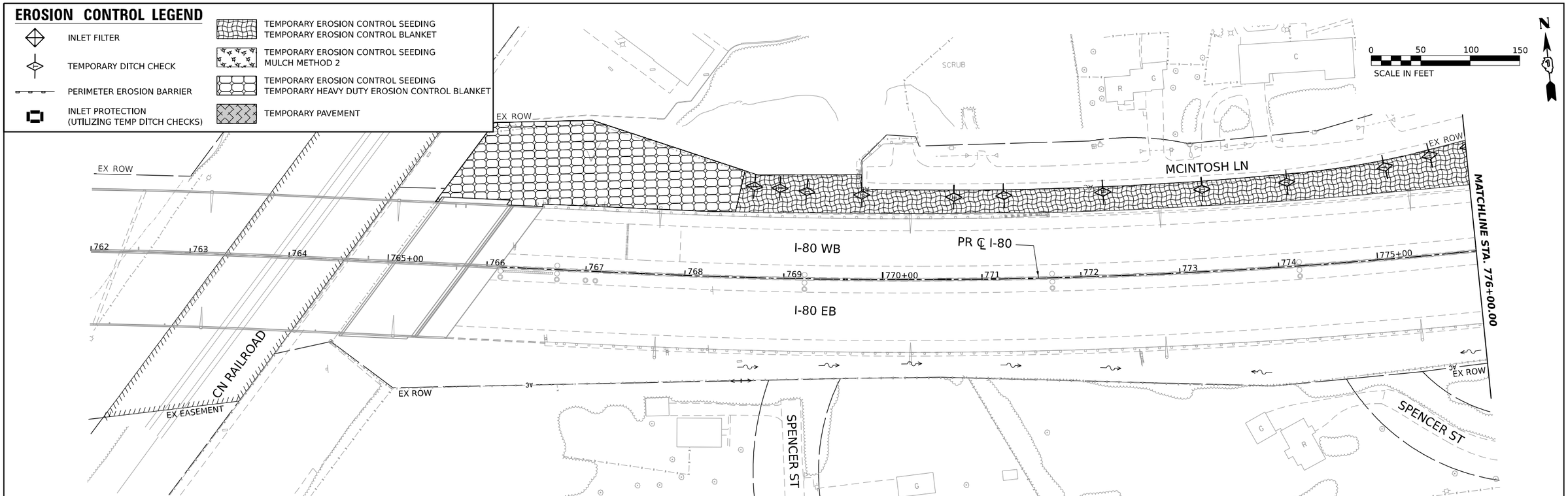
PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (INCH)	LENGTH (FOOT)	SLOPE (%)	TRENCH BACKFILL	MOT STAGE
	FROM	TO								
TD-P101	TD-S101	TS-S100	PIPE CULVERTS (TEMPORARY)	A	1	18	135	3.70	-	STAGE 1
TD-P101	TD-S103	TD-S102	PIPE CULVERTS (TEMPORARY)	A	2	15	188	0.36	83	STAGE 1
TD-P102	EX PIPE	TD-S104	PIPE CULVERTS (TEMPORARY)	A	1	24	19	0.38	3	STAGE 1

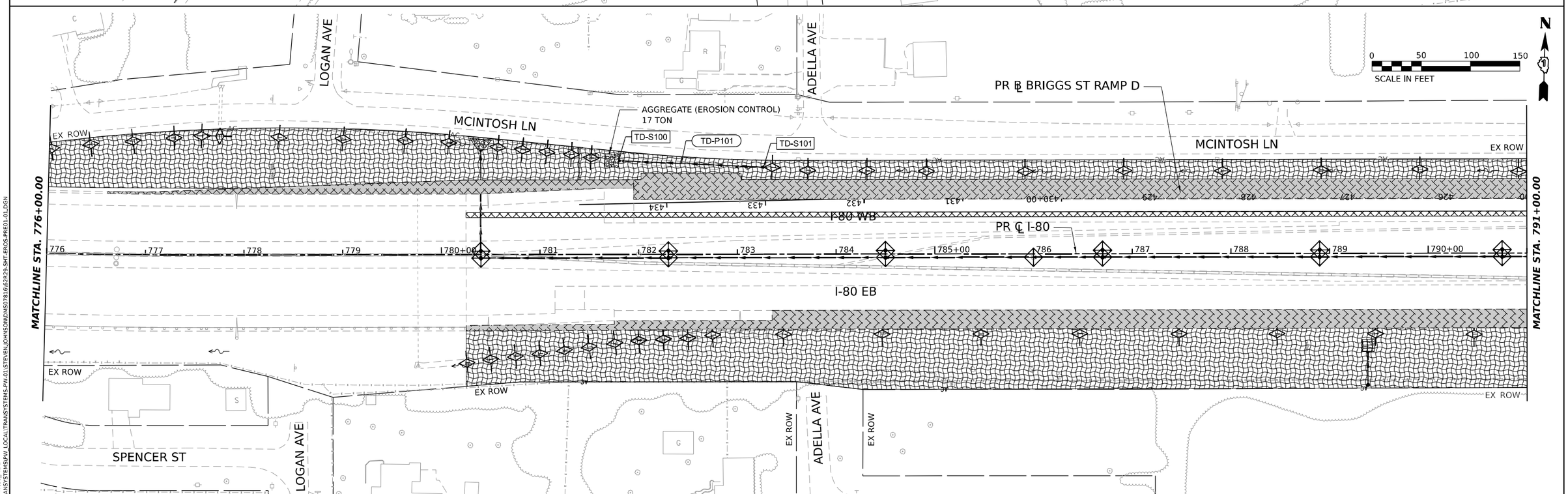
TEMPORARY RIPRAP OUTLET PROTECTION

STRUCTURE NUMBER	RIPRAP CLASS	PIPE DIAMETER, Do (INCHES)	La (FT)	RIPRAP THICKNESS, d (INCHES)	W1 (FT)	W2 (FT)	AREA (SQ YD)	AGGREGATE (EROSION CONTROL)	FILTER FABRIC (SQ YD)
TD-S100	A3	18	14.0	15	13.0	13.0	21	17	27
TD-S102	A3	15	11.0	15	13.0	13.0	16	14	22
TD-S104	A3	24	16.0	15	16.0	16.0	29	24	36

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT





USER NAME = SJOHNSON	DESIGNED - SMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

I-80
EROSION CONTROL PRE-STAGE AND STAGE 1

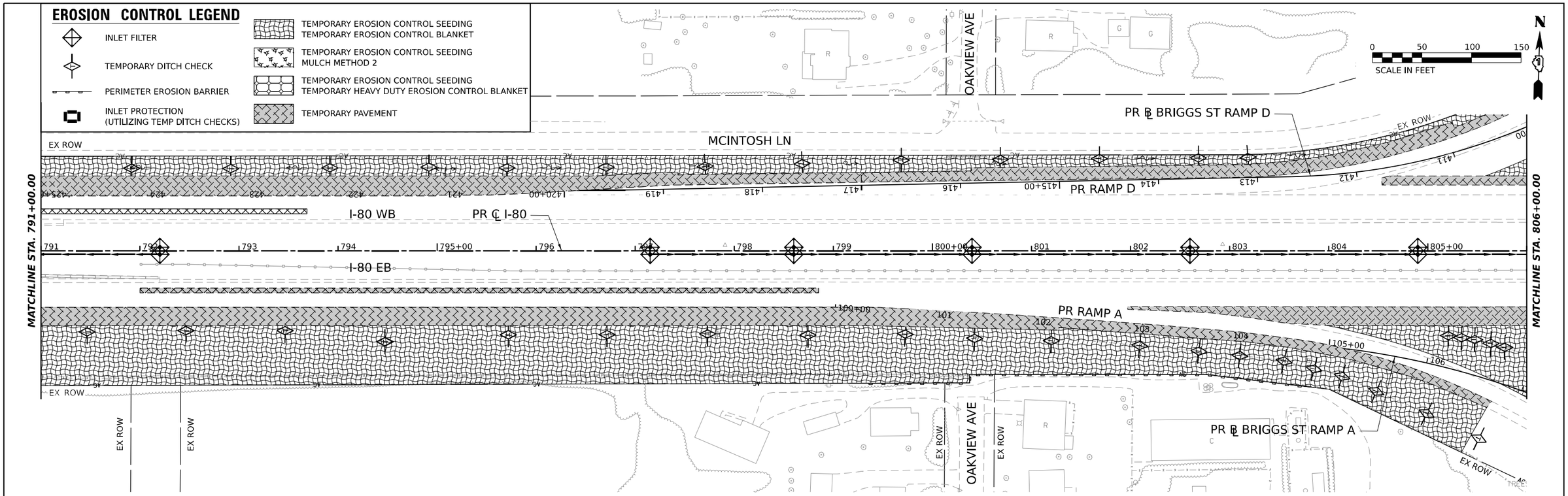
SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

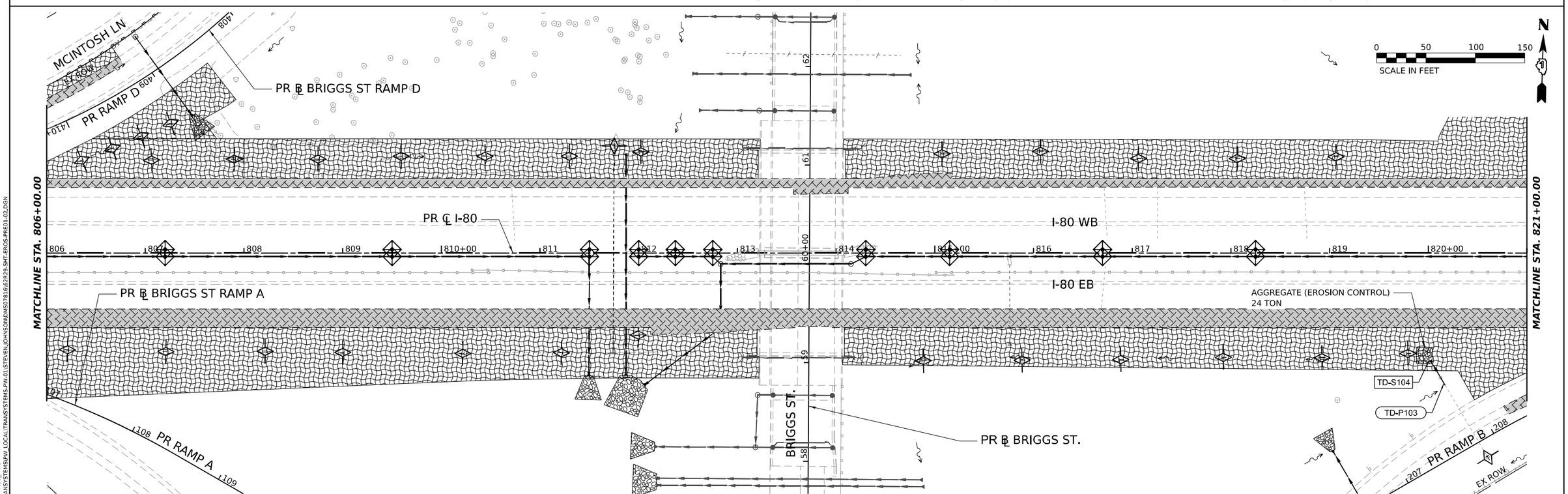
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	411
		CONTRACT NO. 62R29		
		ILLINOIS FED. AID PROJECT		

MODEL: PR_I80 - PR I80_ML-1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVEN.JOHNSON\D0450781\62R29-SHT-EROS-PRE01-01.DGN

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT





USER NAME = SJOHNSON	DESIGNED - SMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

I-80
EROSION CONTROL PRE-STAGE AND STAGE 1

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	412
		CONTRACT NO. 62R29		
		ILLINOIS FED. AID PROJECT		

MODEL: PR_I80 - PR I80_ML-3
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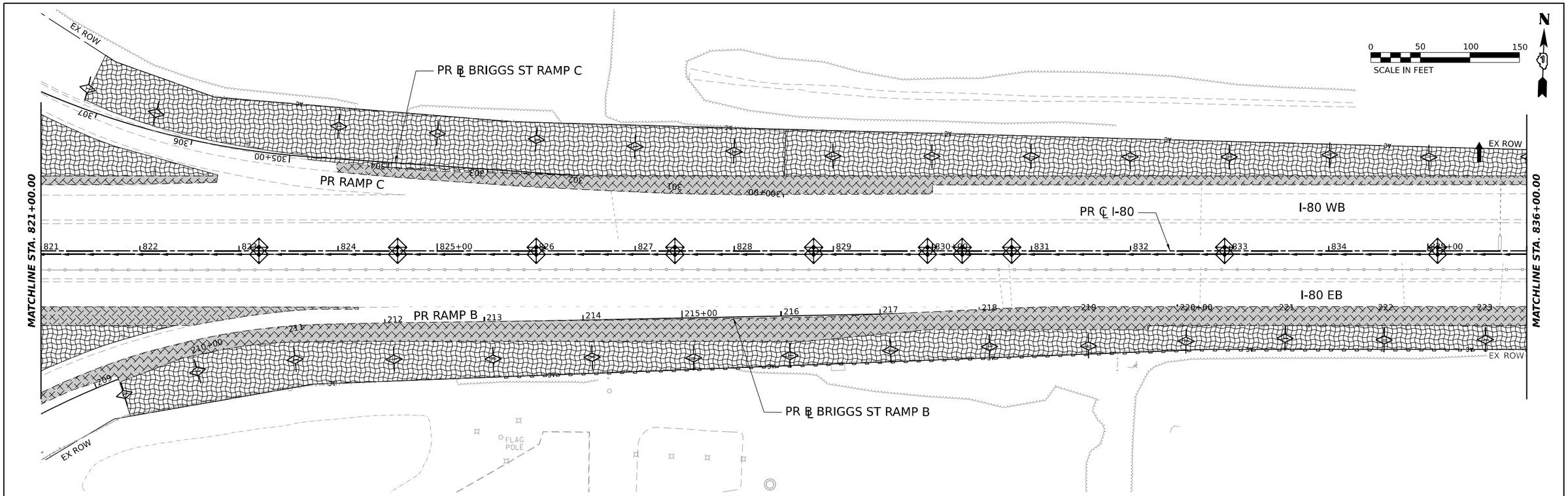

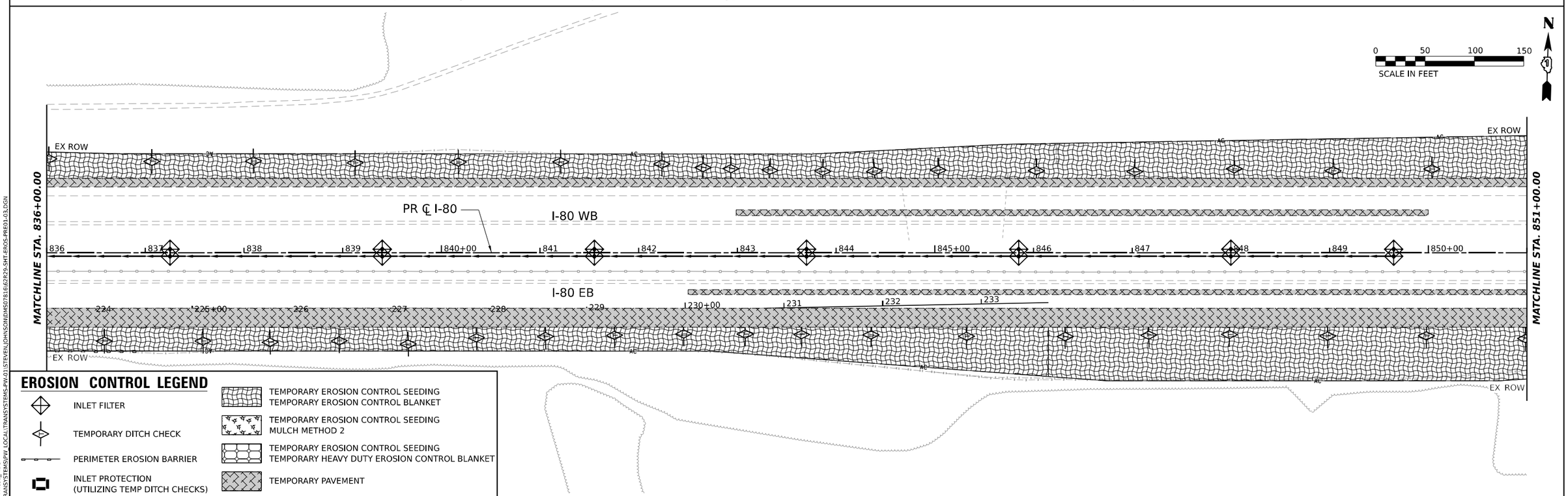

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

USER NAME = SJOHNSON	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL PRE-STAGE AND STAGE 1

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	413
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

MODEL: PR_I80 - PR I80_ML-5
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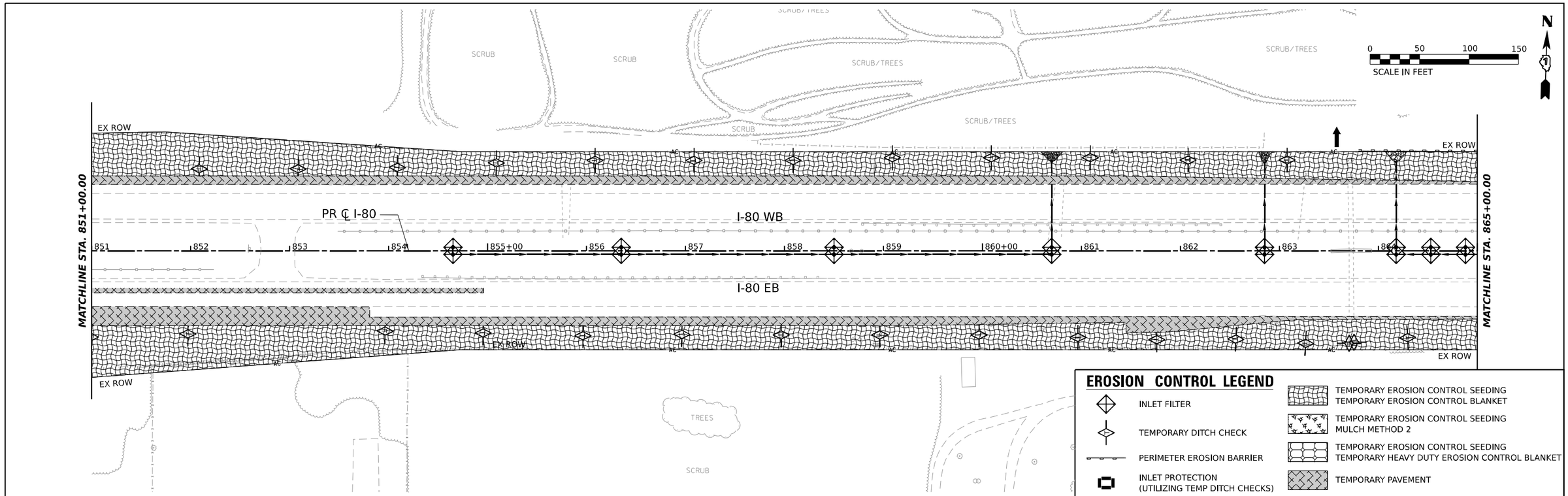

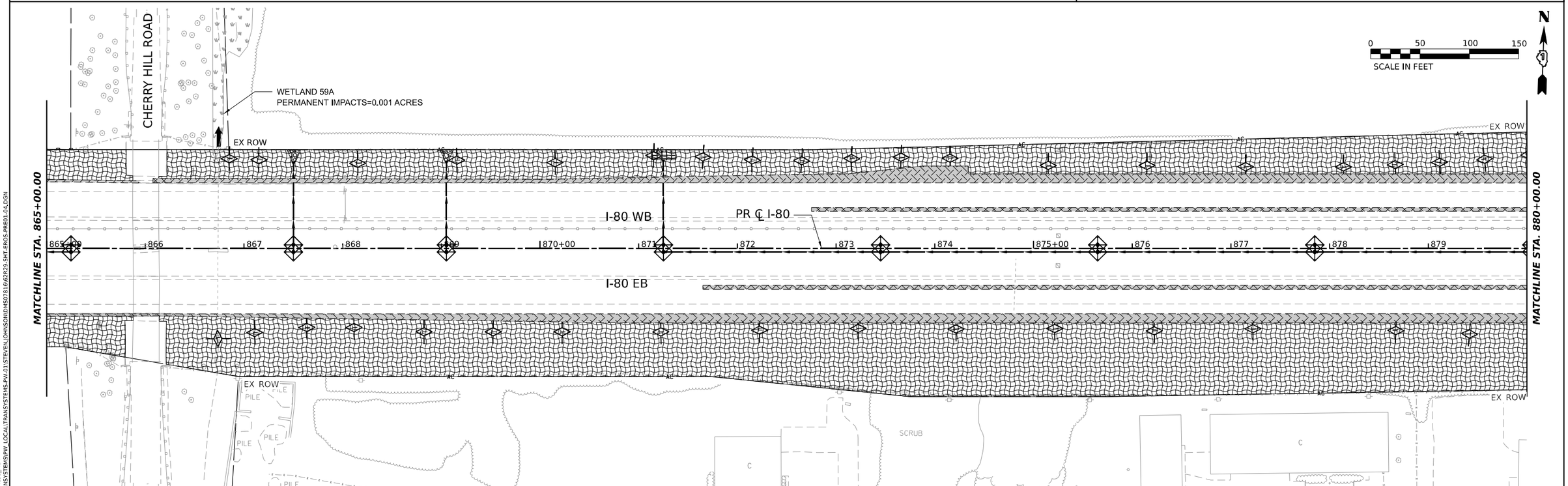

USER NAME = SJOHNSON	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL PRE-STAGE AND STAGE 1

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	414
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

MODEL: PR_I80 - PR I80_MI_7
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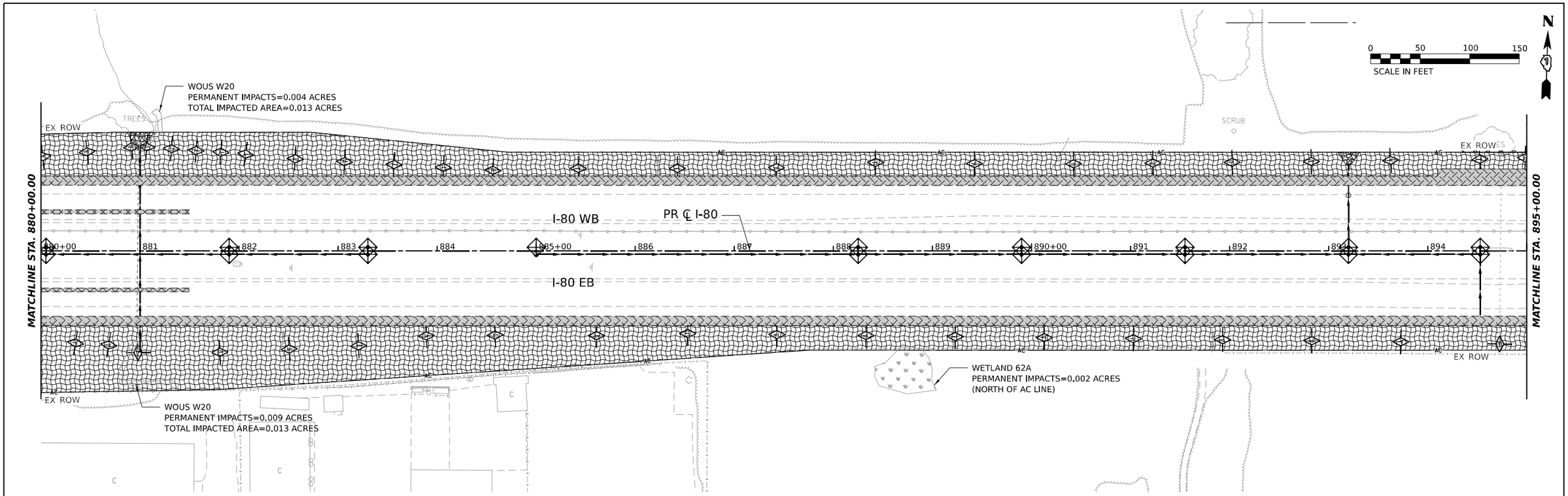

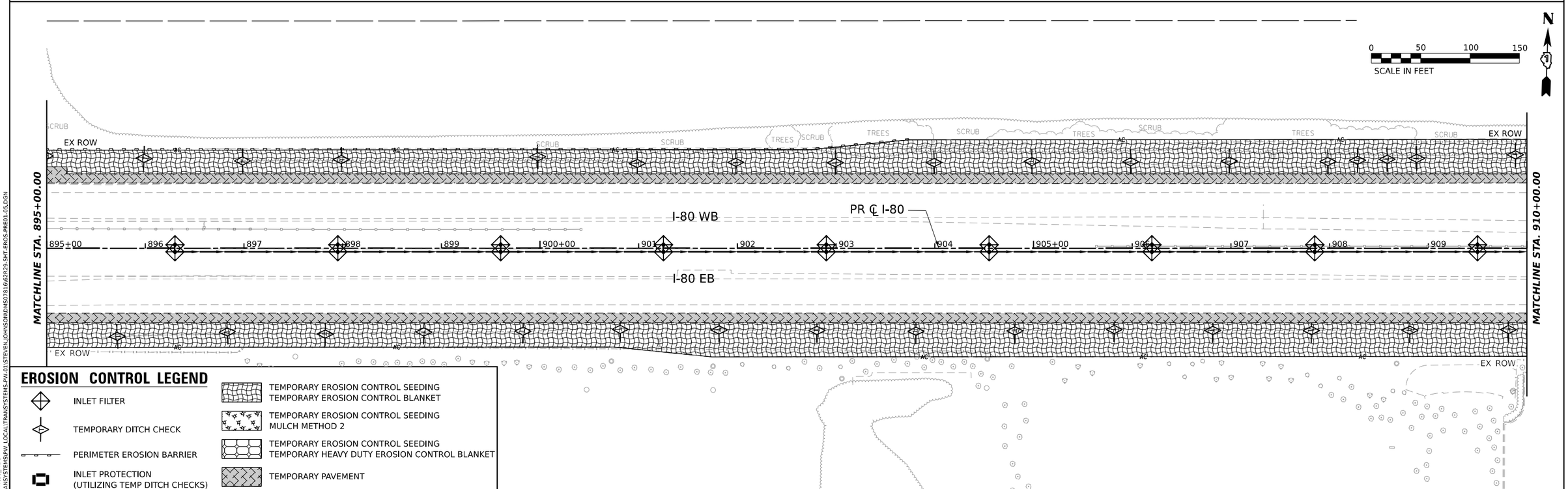

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

USER NAME = SJOHNSON	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL PRE-STAGE AND STAGE 1

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	415
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

MODEL: PR_I80 - PR I80_MI_9
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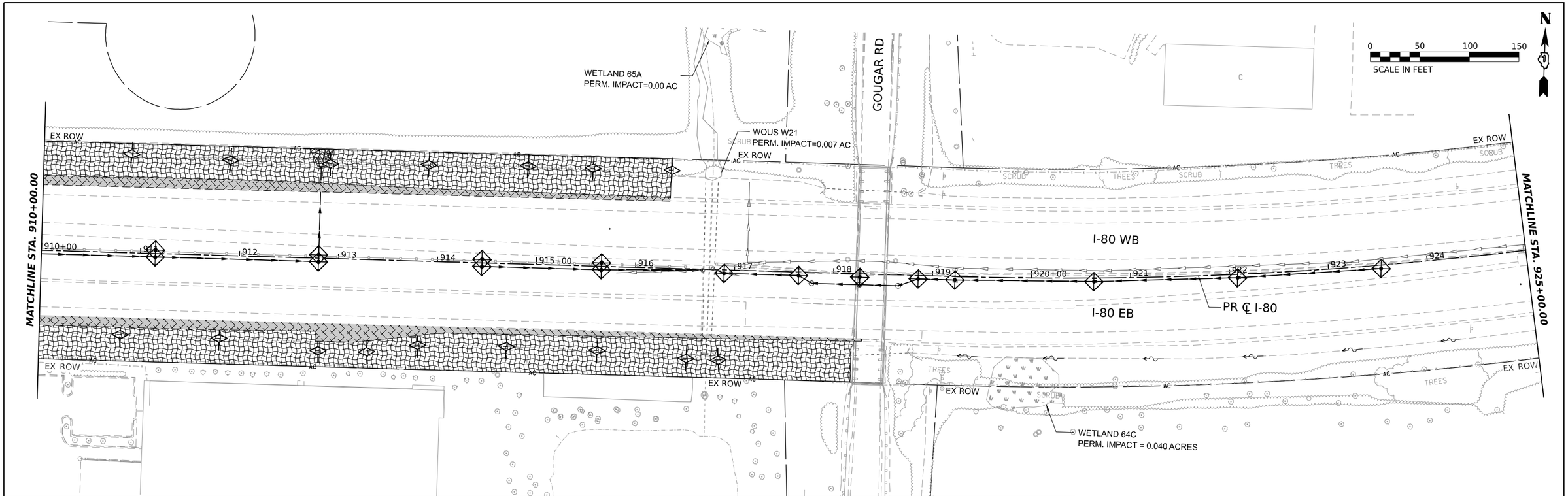

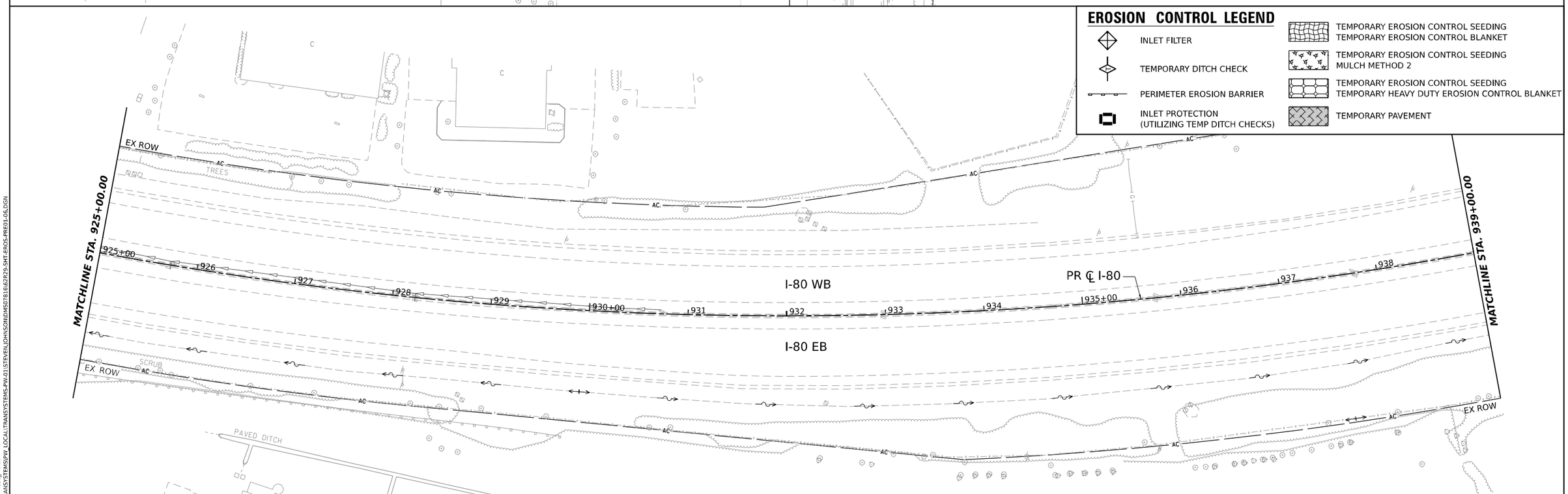

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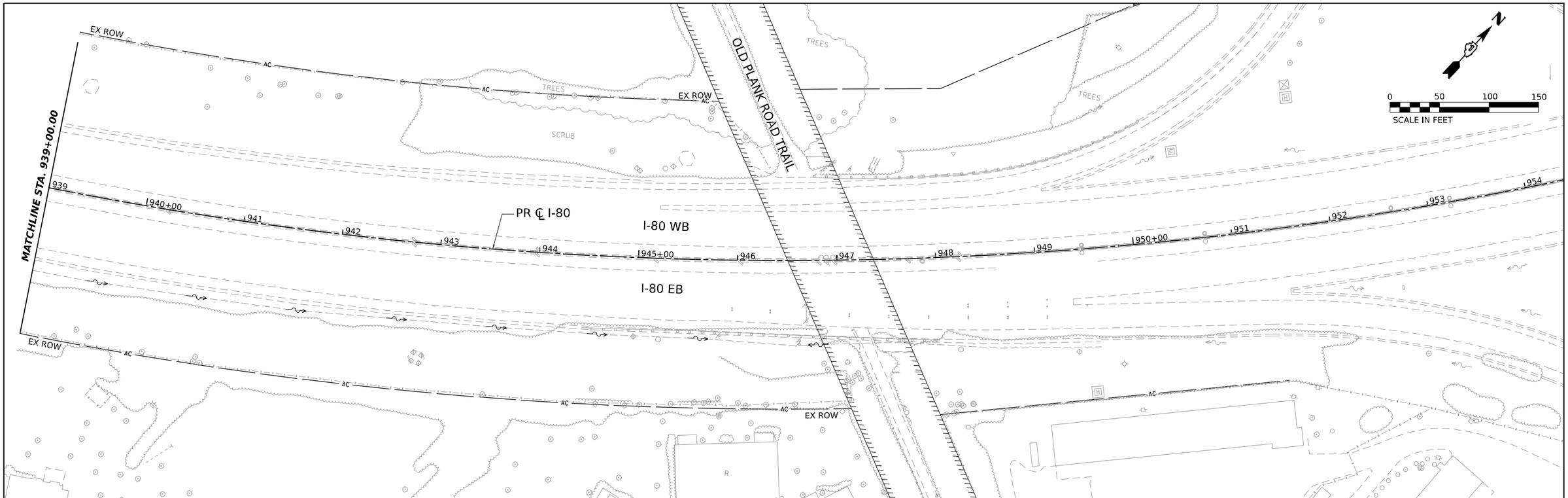
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL PRE-STAGE AND STAGE 1

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	416
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR_I80 - PR I80_ML-13
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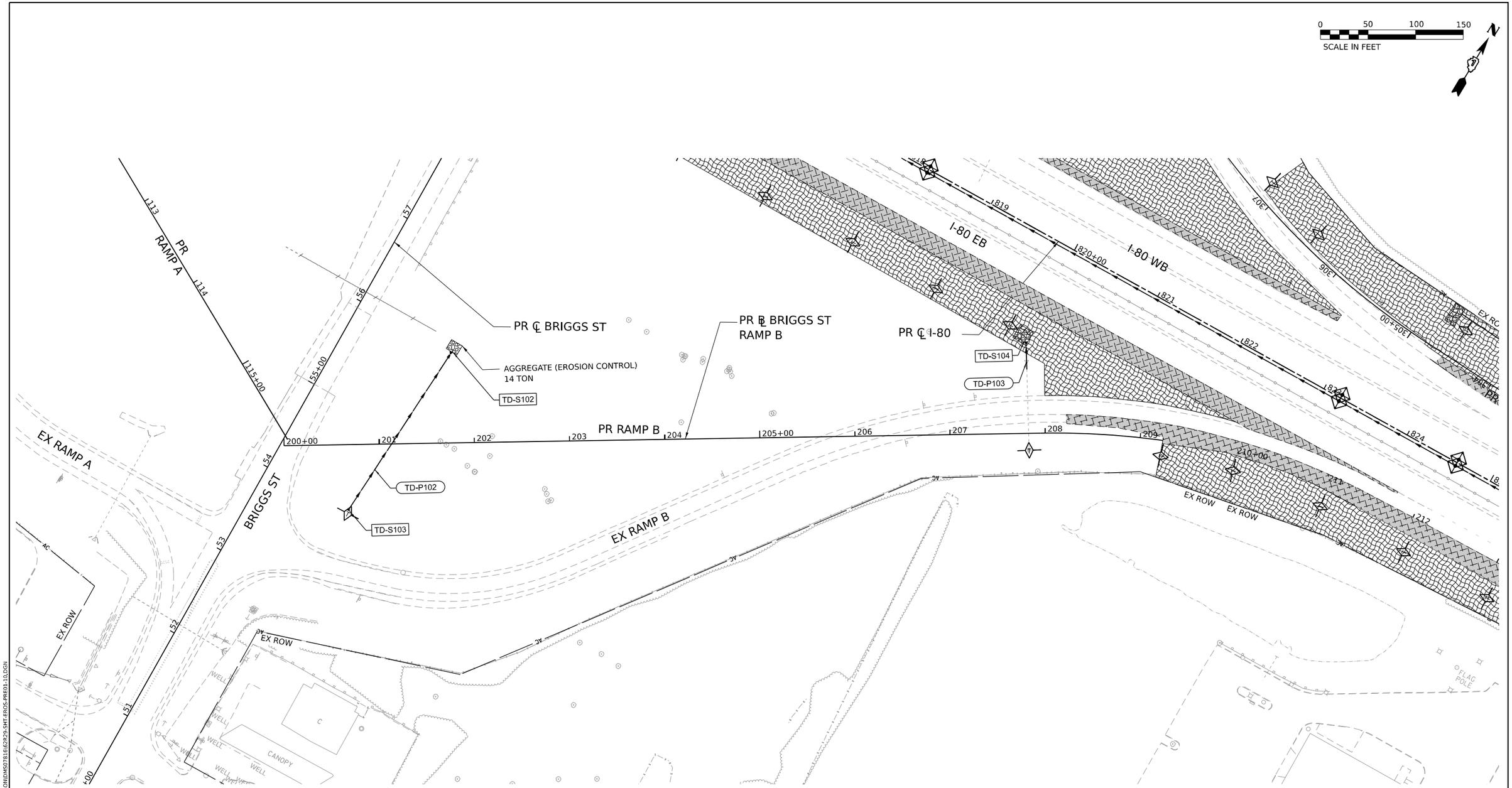
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL PRE-STAGE AND STAGE 1

SCALE: 1"=50' | SHEET OF SHEETS | STA. 939+00 TO STA. 954+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	417
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

USER NAME = SJOHNSON	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET RAMP B
EROSION CONTROL PRE-STAGE AND STAGE 1

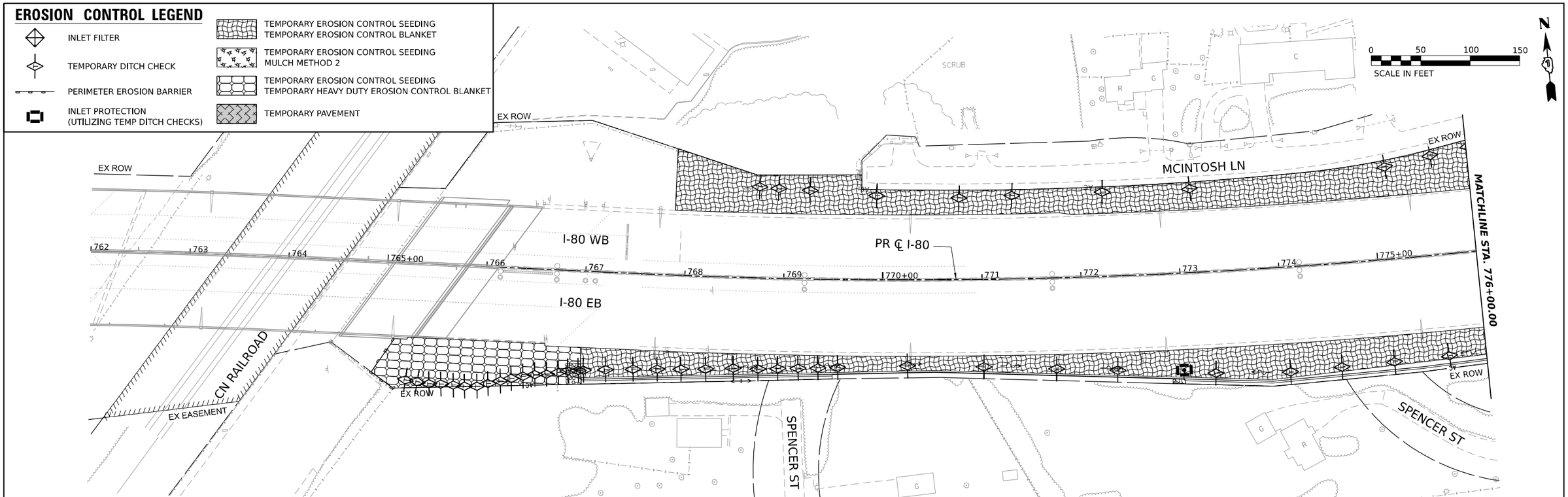
SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

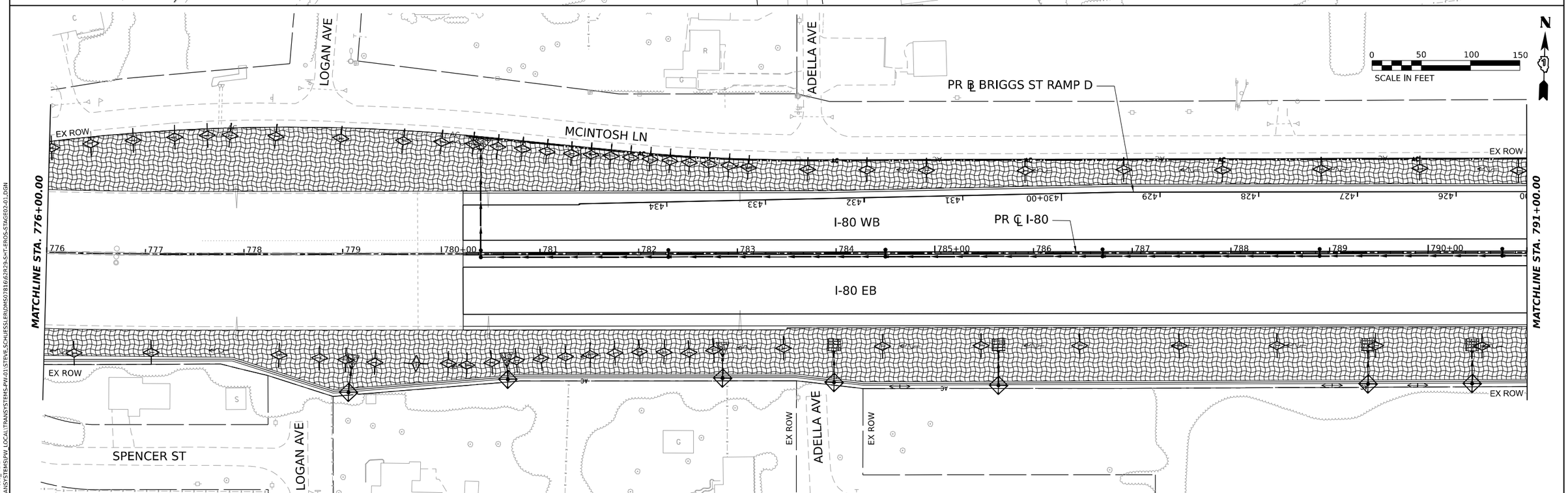
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	418
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

MODEL: PL_BRIGGS_RAMP_B - PLAN 1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVEN.JOHNSON\MS07816\62R29-SHT-EROS-PRE01-10.DGN

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT





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PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

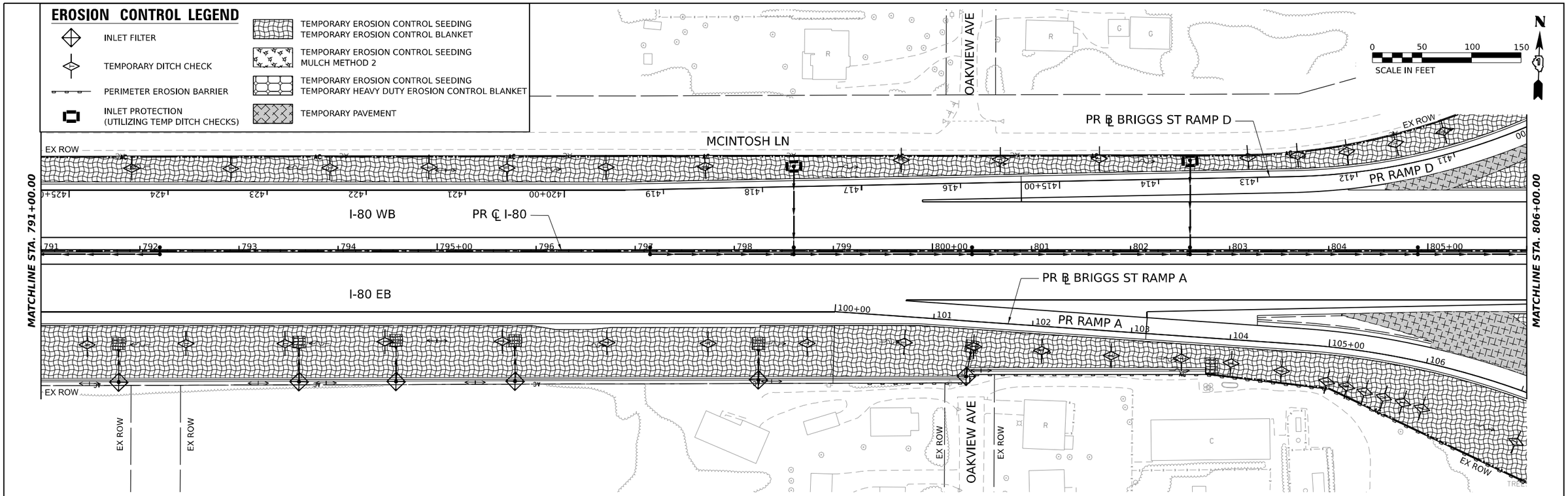
I-80
EROSION CONTROL STAGE 2

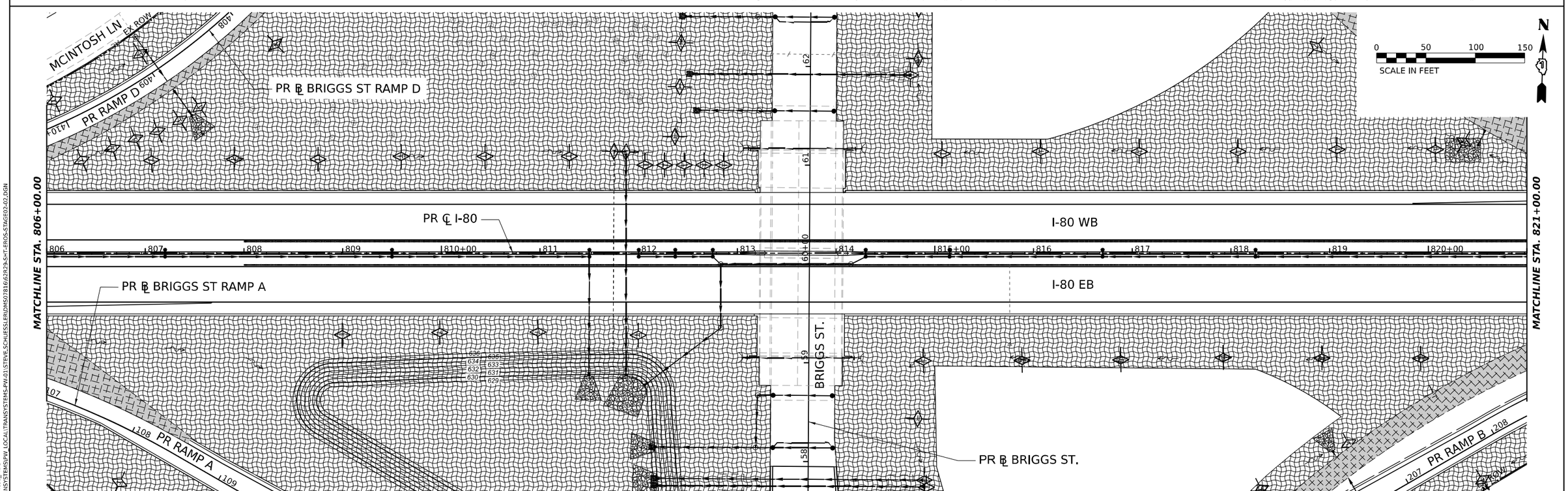
SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	419
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT





MODEL: PR_I80 - PR I80_ML-3
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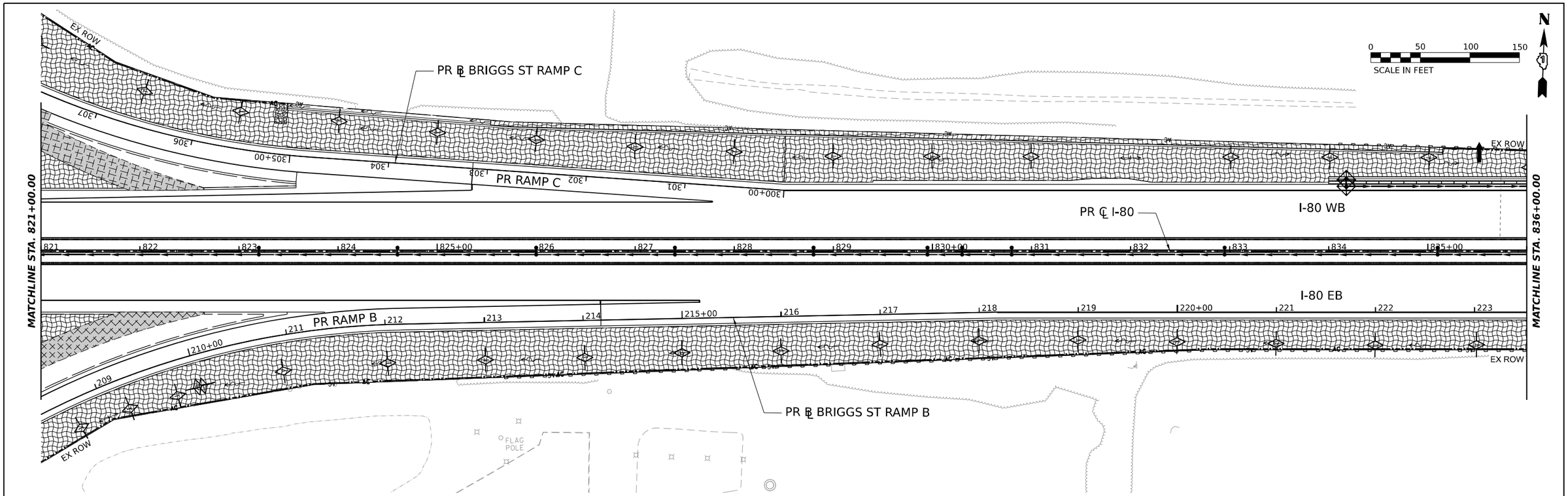
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

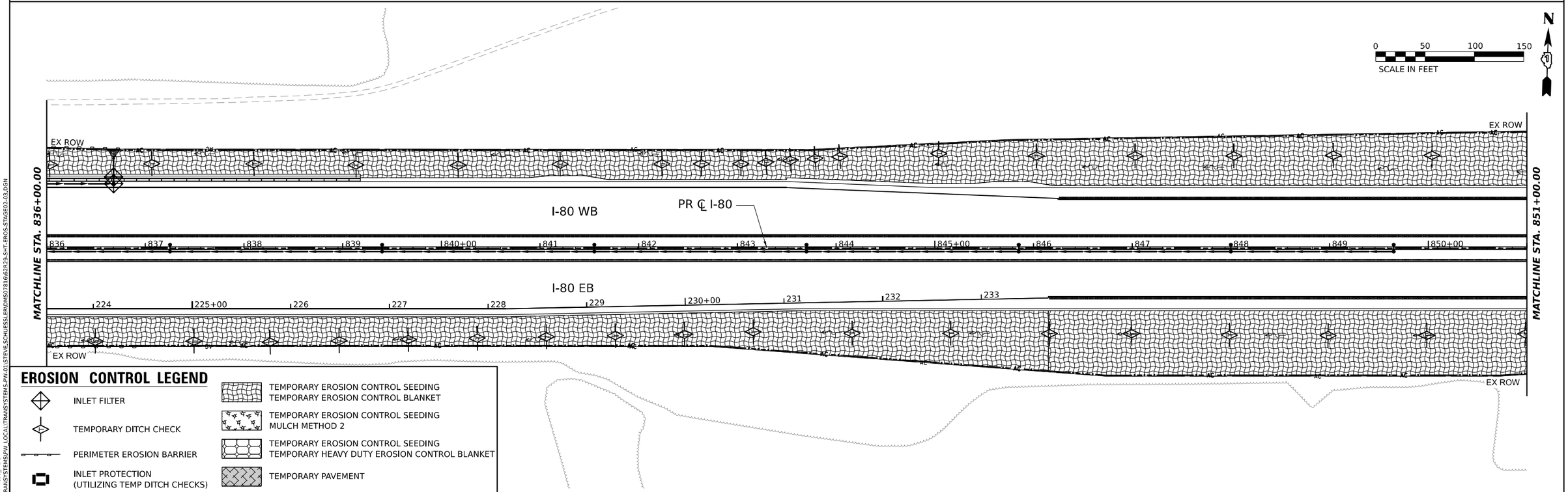
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 2

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	420
		CONTRACT NO. 62R29		
		ILLINOIS FED. AID PROJECT		





EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR_I80 - PR I80_ML-5
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-EROS-STAGE02-03.DGN

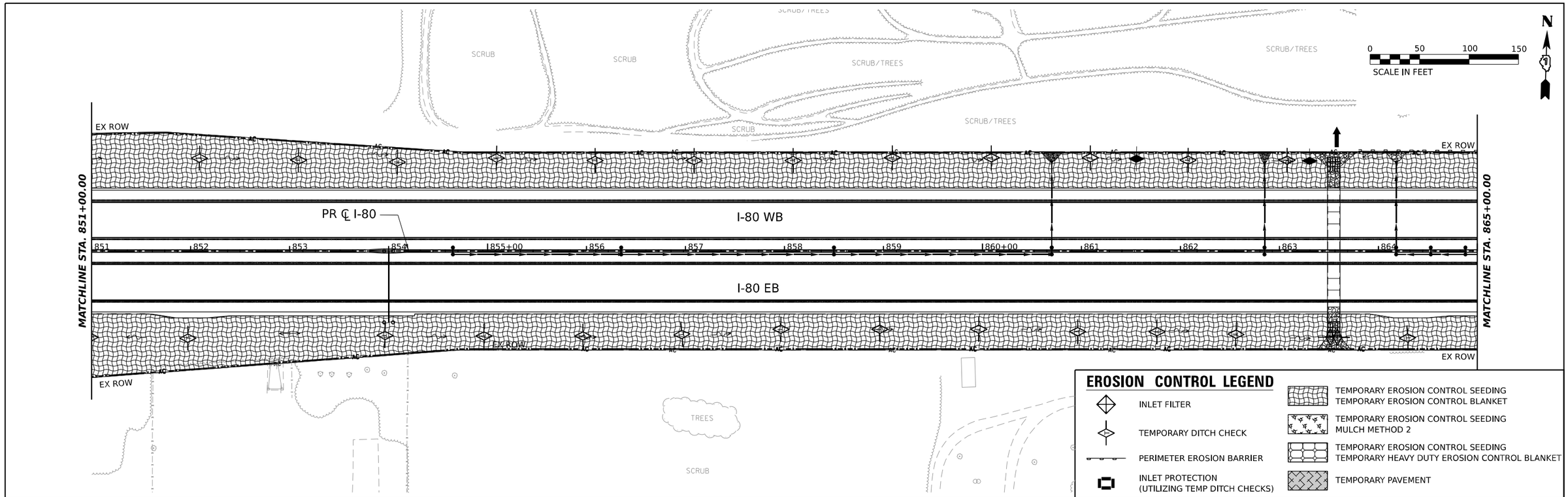
USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

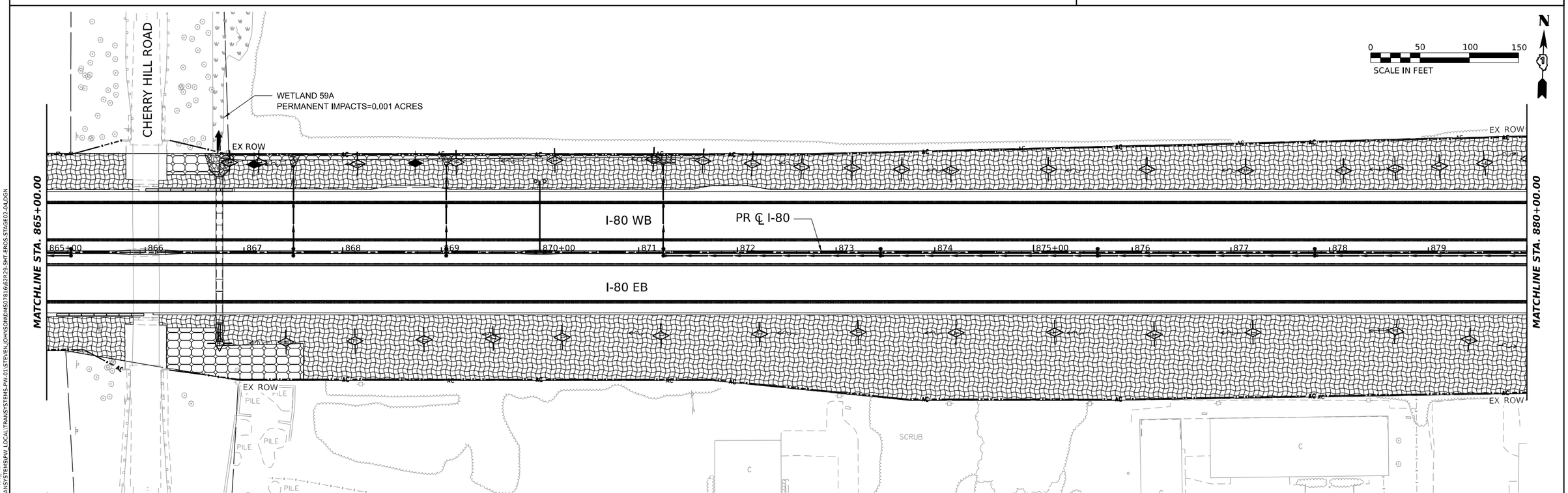
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 2

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	421
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	





USER NAME = SJOHNSON	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

I-80
EROSION CONTROL STAGE 2

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	422
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

MODEL: PR_I80 - PR I80_MI_7
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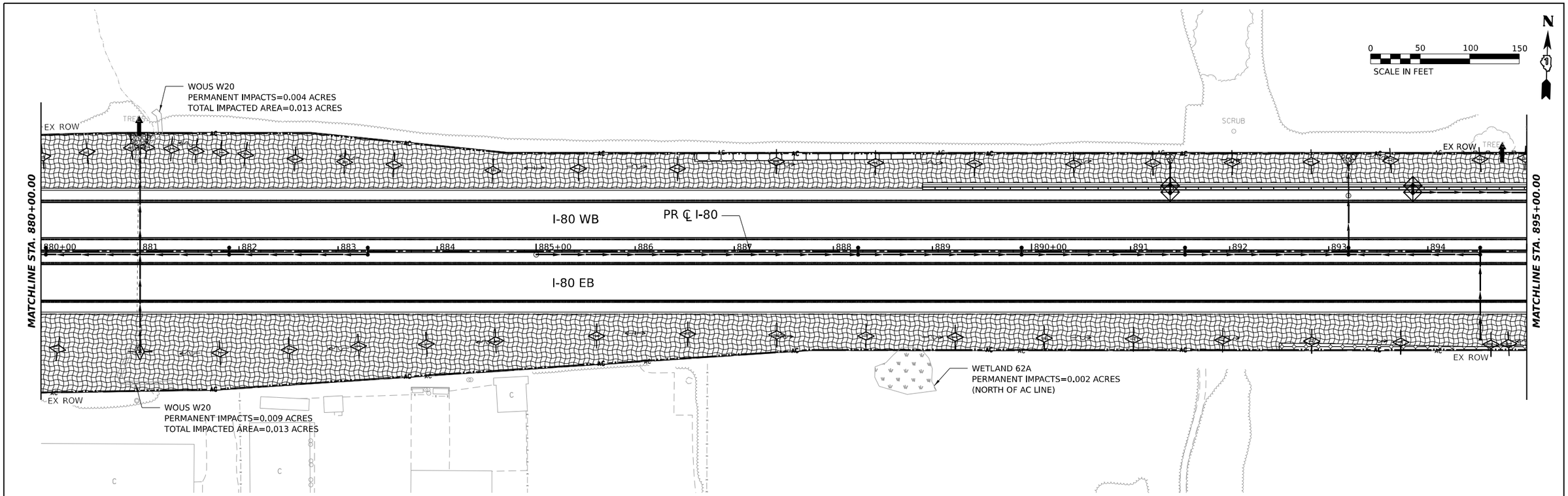
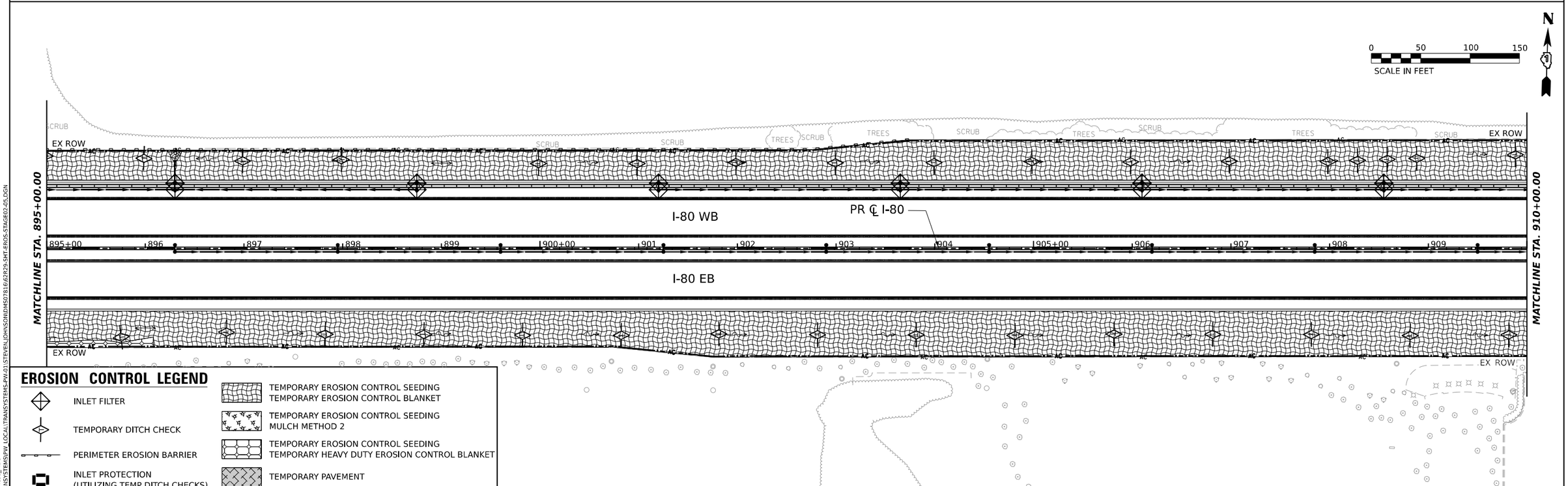




EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR_I80 - PR I80_M1-9
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVEN.JOHNSON\D0450781\62R29-SHT-EROS-STAGE02-05.DGN

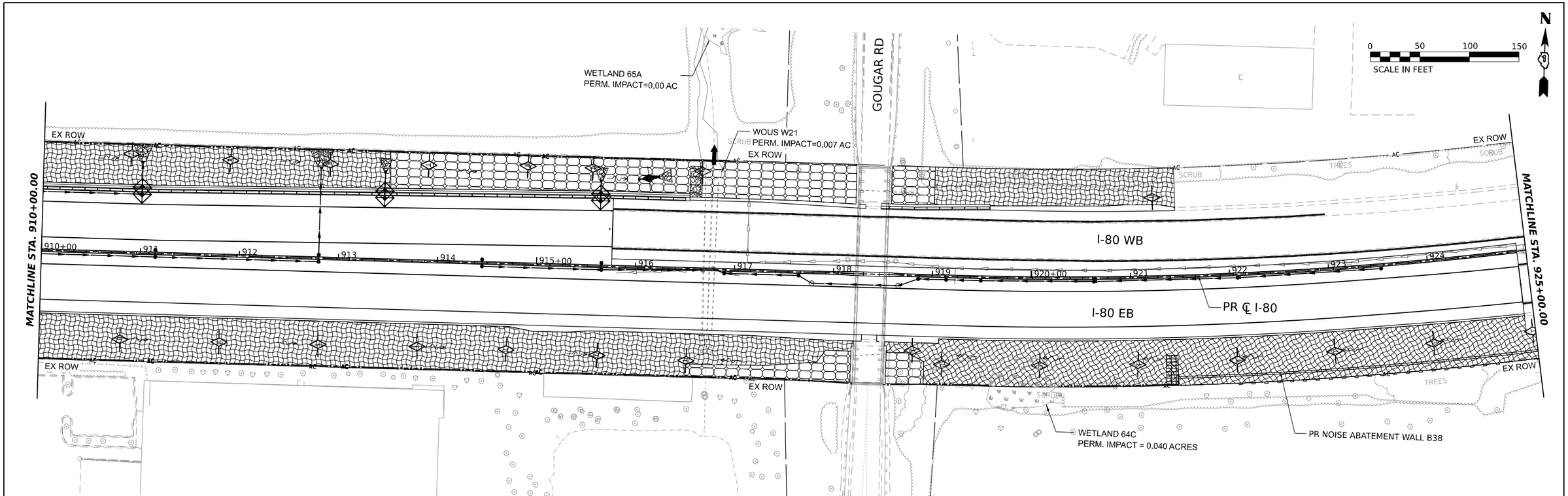
USER NAME = SJOHNSON	DESIGNED -	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

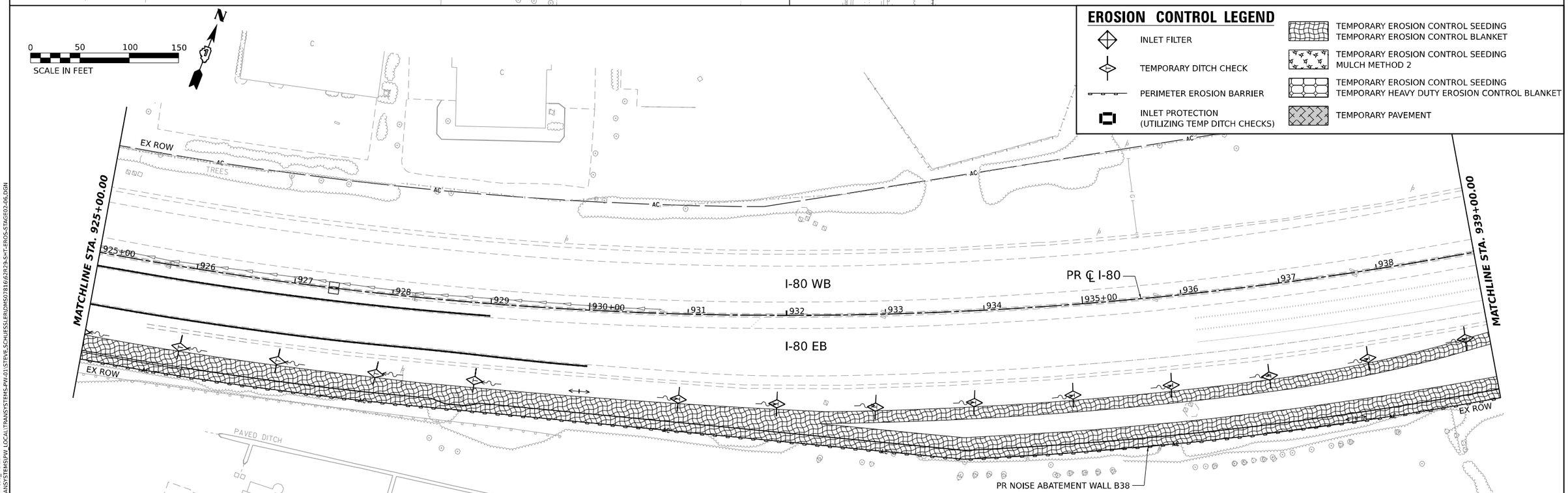
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 2

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	423
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	





EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

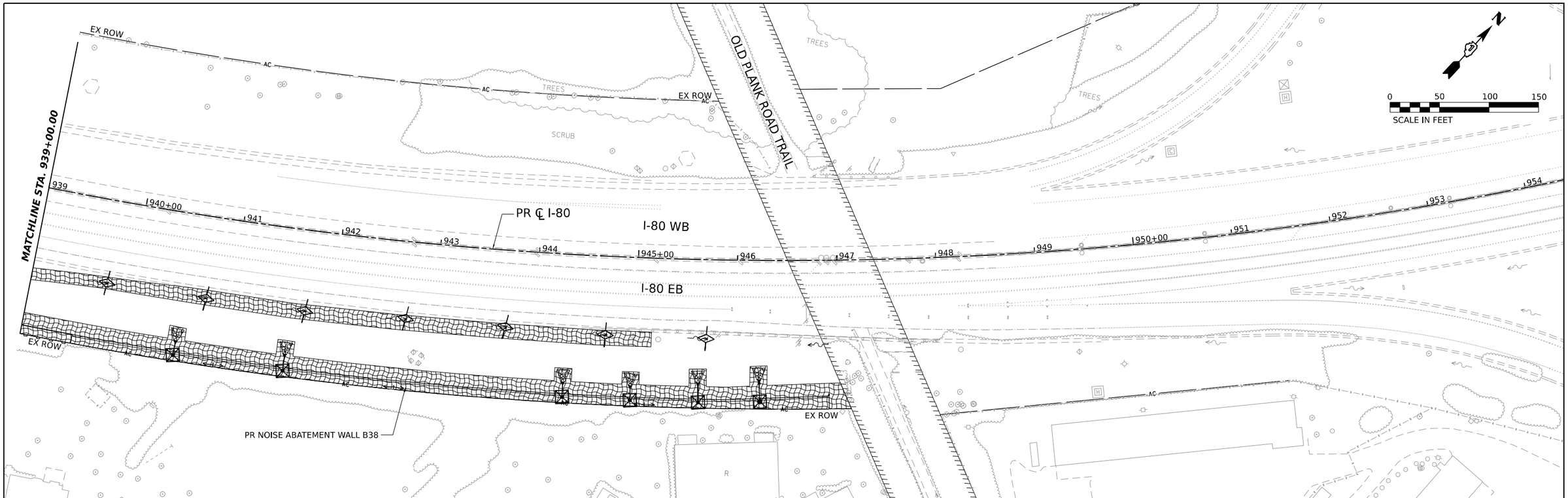
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 2

SCALE: SEE ABOVE | SHEET 0 OF 1 SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	424
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

MODEL: PR_I80 - PR I80_ML-11
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW_01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-EROS-STAGE02-06.DGN



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR_I80 - PR I80_ML-13
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVEN_JOHNSON\D0M50782816\62R29-SHT-EROS-STAGE02-07.DGN

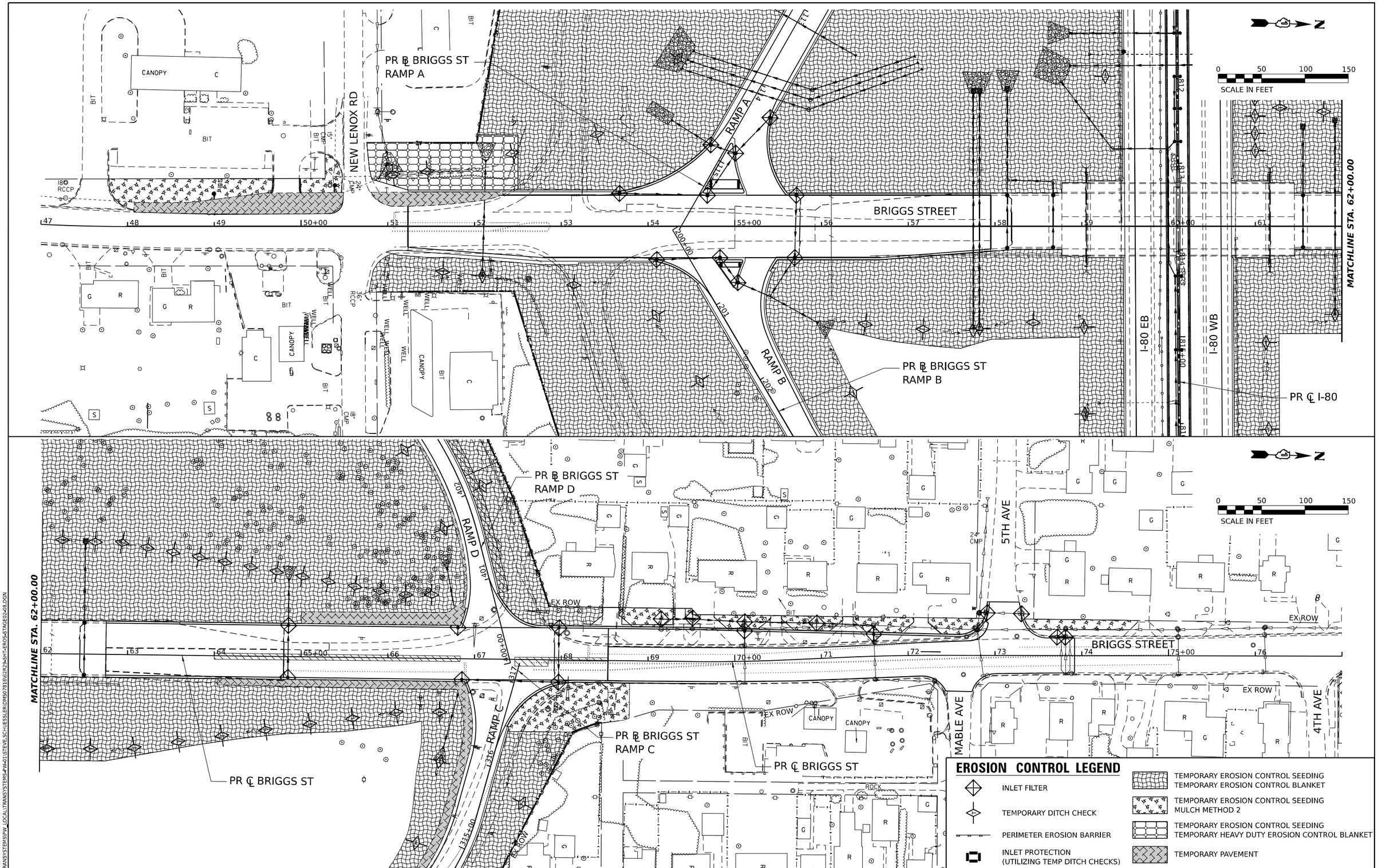
USER NAME = SJOHNSON	DESIGNED -	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 2

SCALE: 1"=50' | SHEET OF SHEETS | STA. 939+00 TO STA. 954+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	425
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666633 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

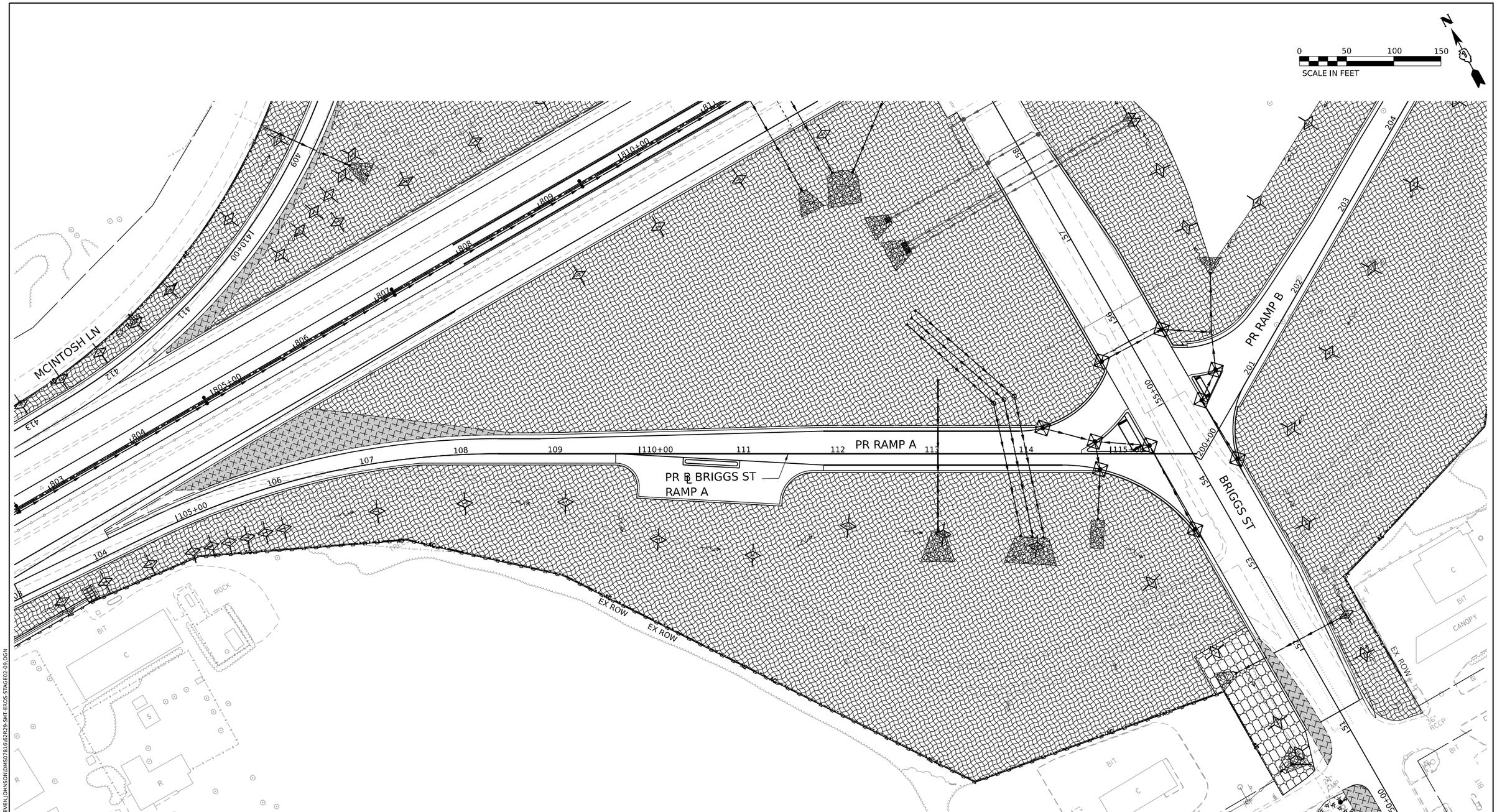
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET
EROSION CONTROL STAGE 2

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	426
		CONTRACT NO. 62R29		
		ILLINOIS FED. AID PROJECT		

MODEL: PR_BRIGGS - SHEET
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS4PW401\STEVE.SCHUESSLER\DMS07816\62R29-SHT-EROS-STAGE02-08.DGN



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

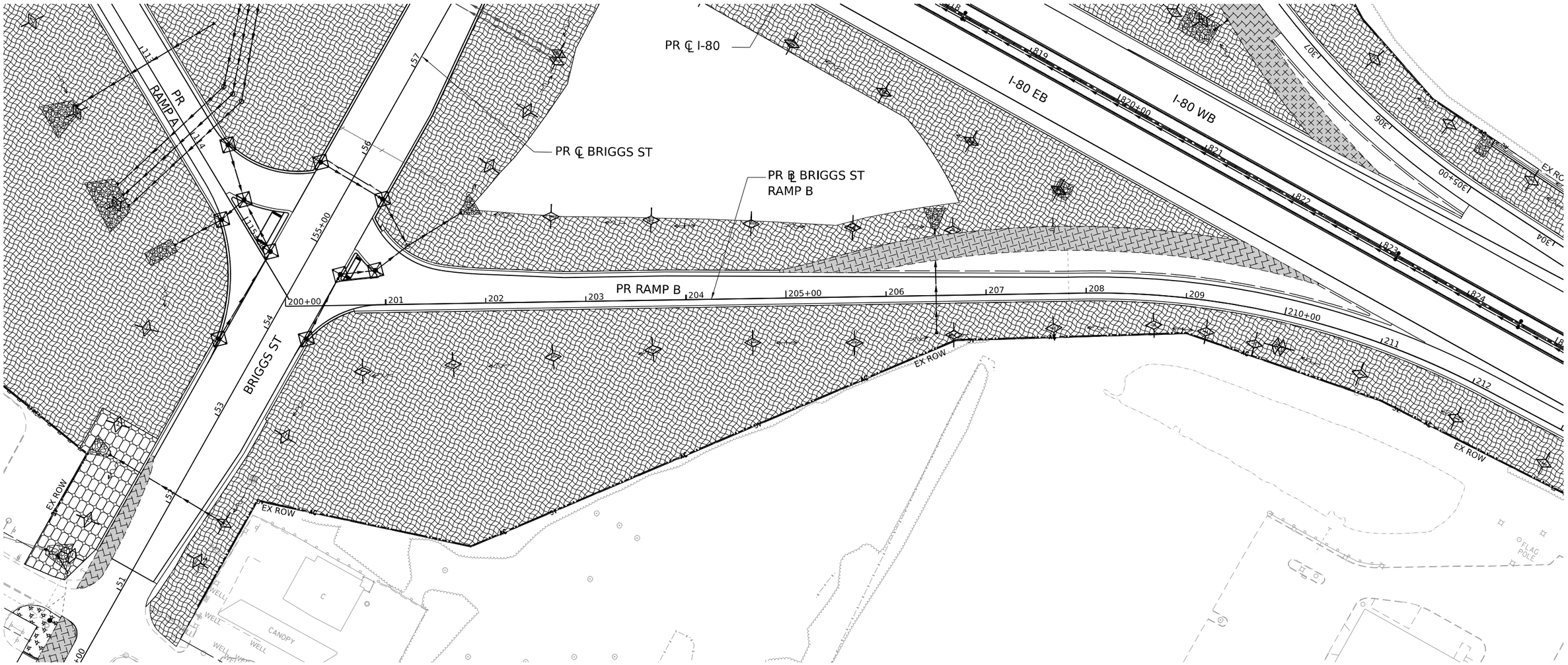
USER NAME = SJOHNSON	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

BRIGGS STREET RAMP A
EROSION CONTROL STAGE 2

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	427
		CONTRACT NO. 62R29		
		ILLINOIS FED. AID PROJECT		

MODEL: PR_BRIGGS_RAMP_A - PLAN 1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVEN.JOHNSON\DMS0781\62R29-SHT-EROS-STAGE02-09.DGN



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR_BRIGGS_RAMP_B - PLAN 1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\OMS07816\62R29-SHT-EROS-STAGE02-10.DGN

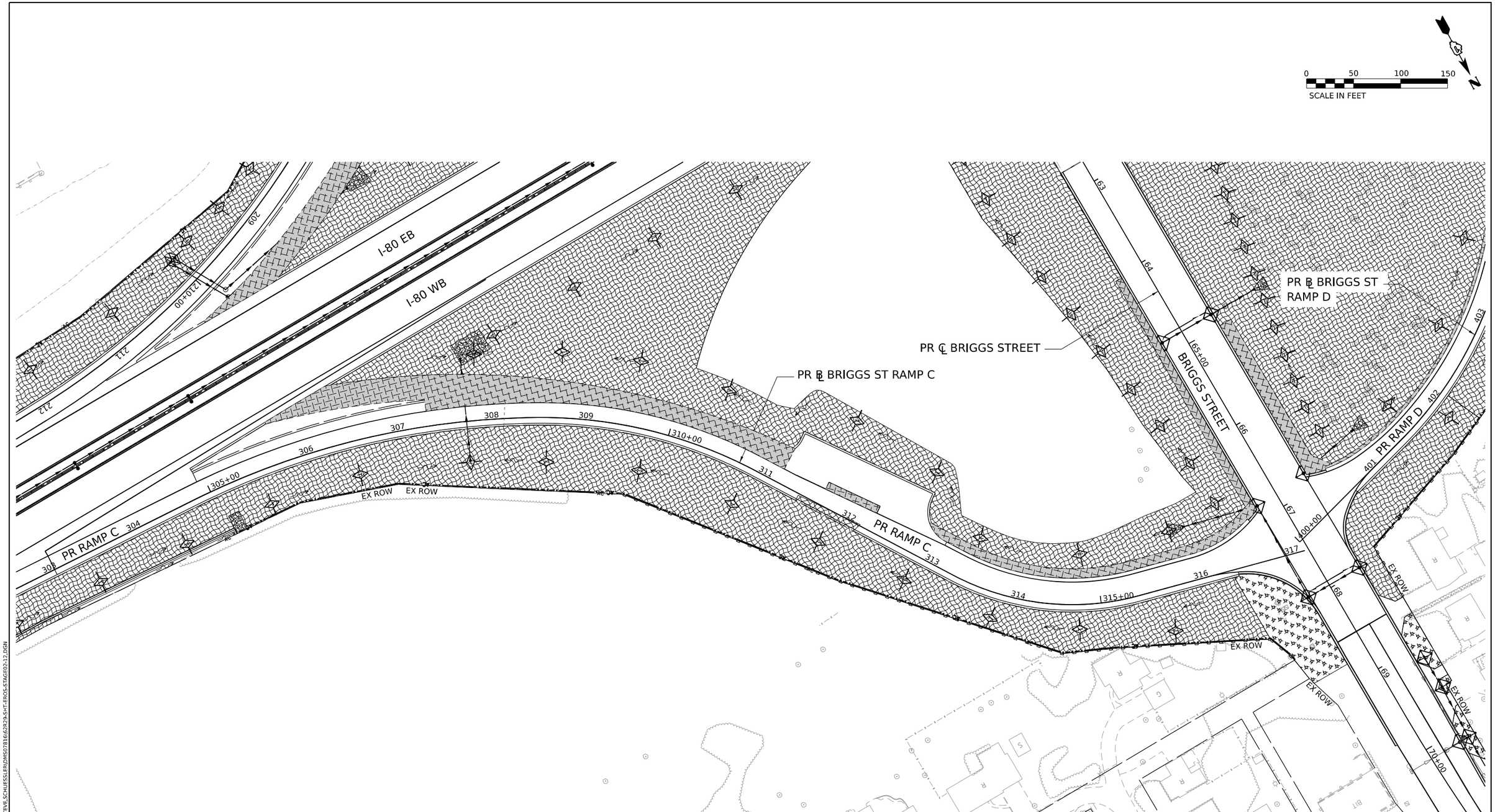
USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET RAMP B
EROSION CONTROL STAGE 2

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	428
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR BRIGGS RAMP C - PLAN 6
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-EROS-STAGE02-12.DGN

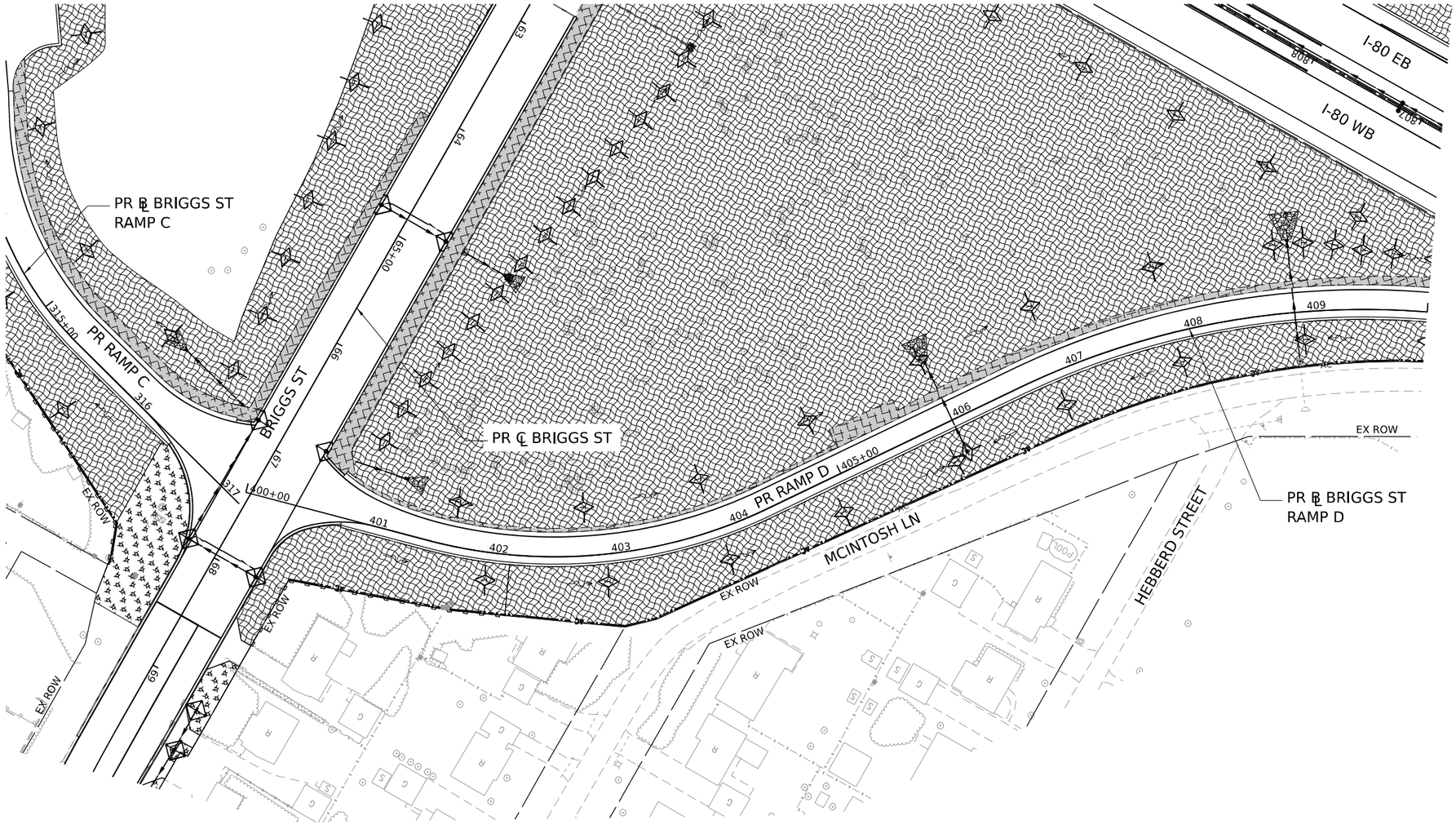
USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET RAMP C
EROSION CONTROL STAGE 2

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	429
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR BRIGGS RAMP D - PLAN 8
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVEN.JOHNSON\DMS07816\62R29-SHT-EROS-STAGE02-13.DGN

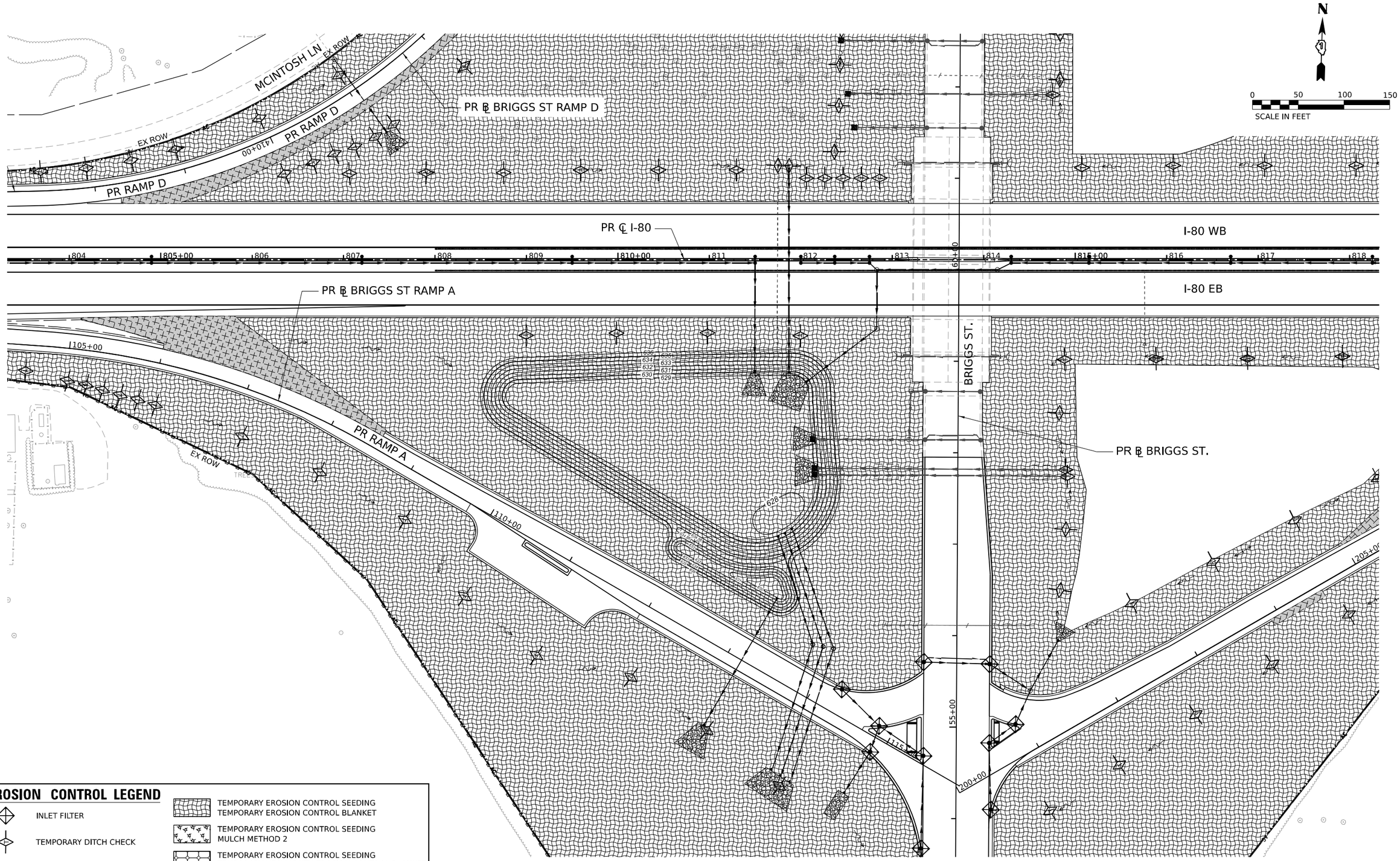
USER NAME = SJOHNSON	DESIGNED -	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET RAMP D
EROSION CONTROL STAGE 2

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	430
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

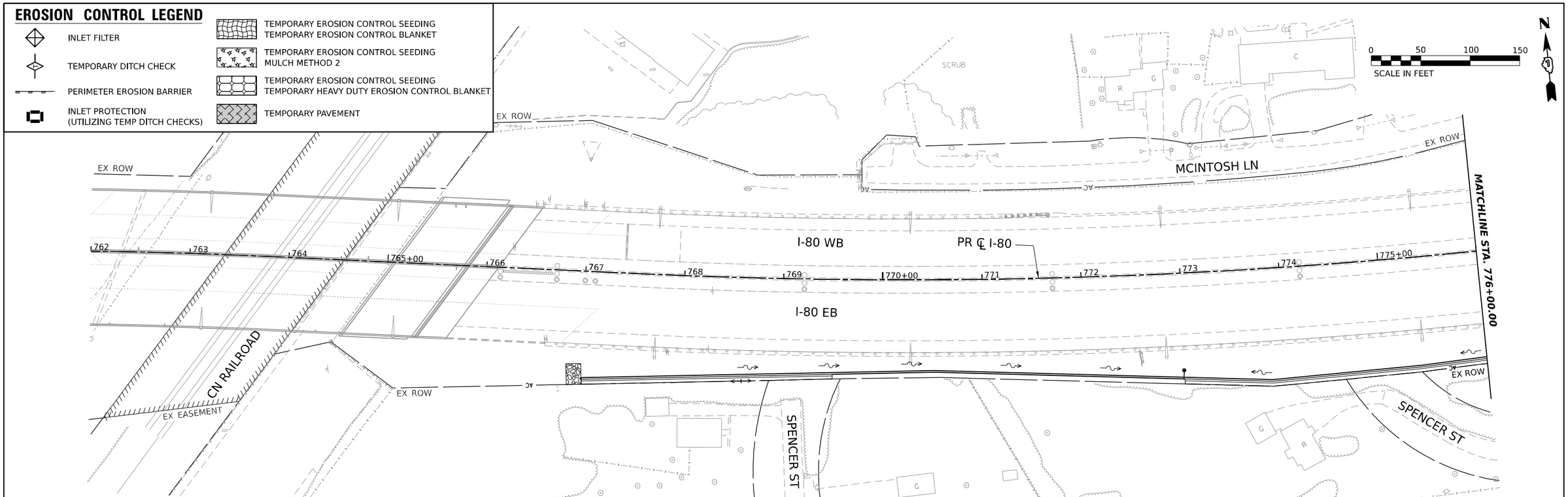
MODEL: PR_IB0 - PR IB0_ML-4
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-EROS-BASIN-01.DGN

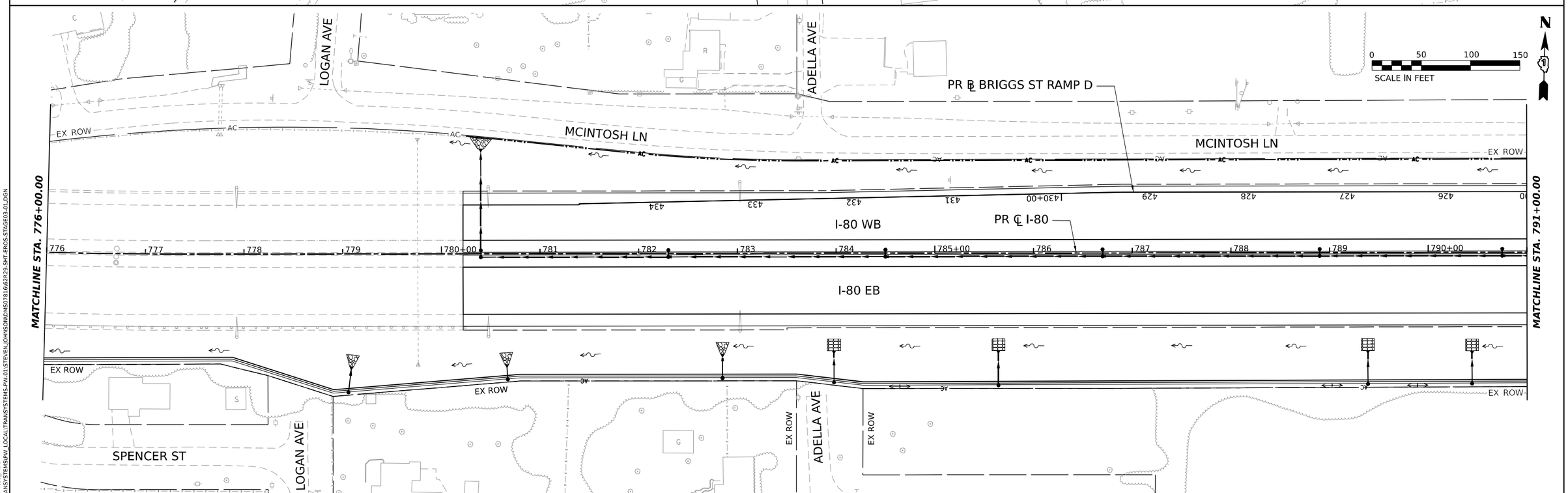
USER NAME = SSCHUESSLER	DESIGNED -		REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIGGS STREET DETENTION BASIN EROSION CONTROL PRE-STAGE AND STAGE 2
	DRAWN - SVJ		REVISED -		
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS		REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.
PLOT DATE = 7/28/2023	DATE - 6/29/2023		REVISED -		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	431
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT





MODEL: PR_I80 - PR I80_ML-1
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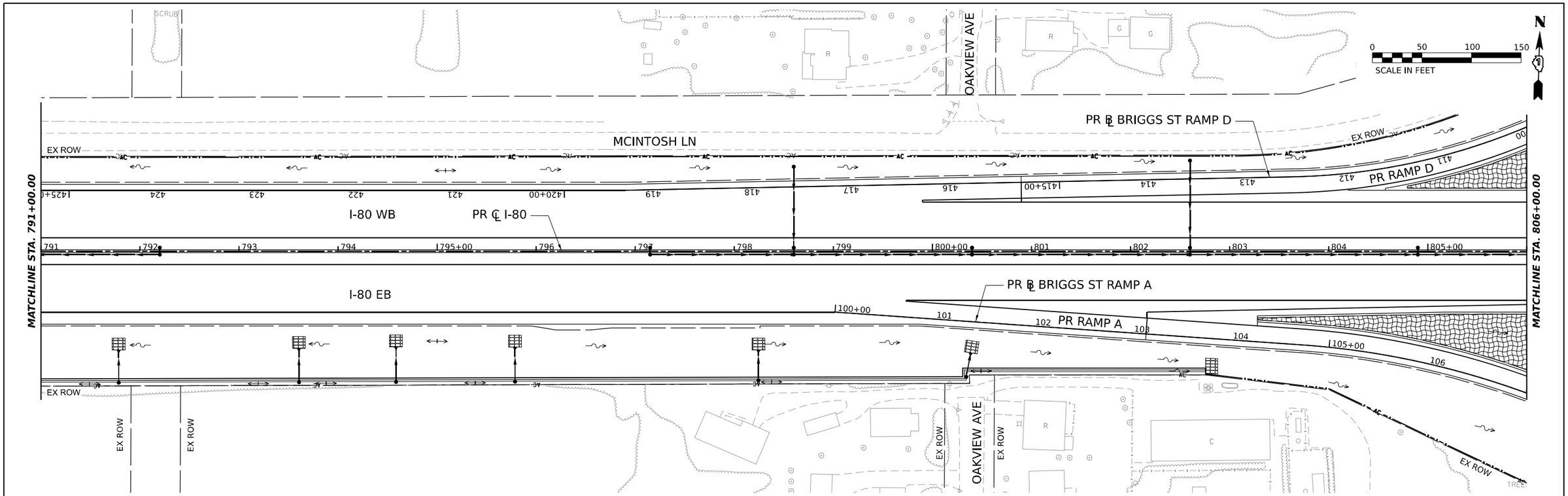
USER NAME = SJOHNSON	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

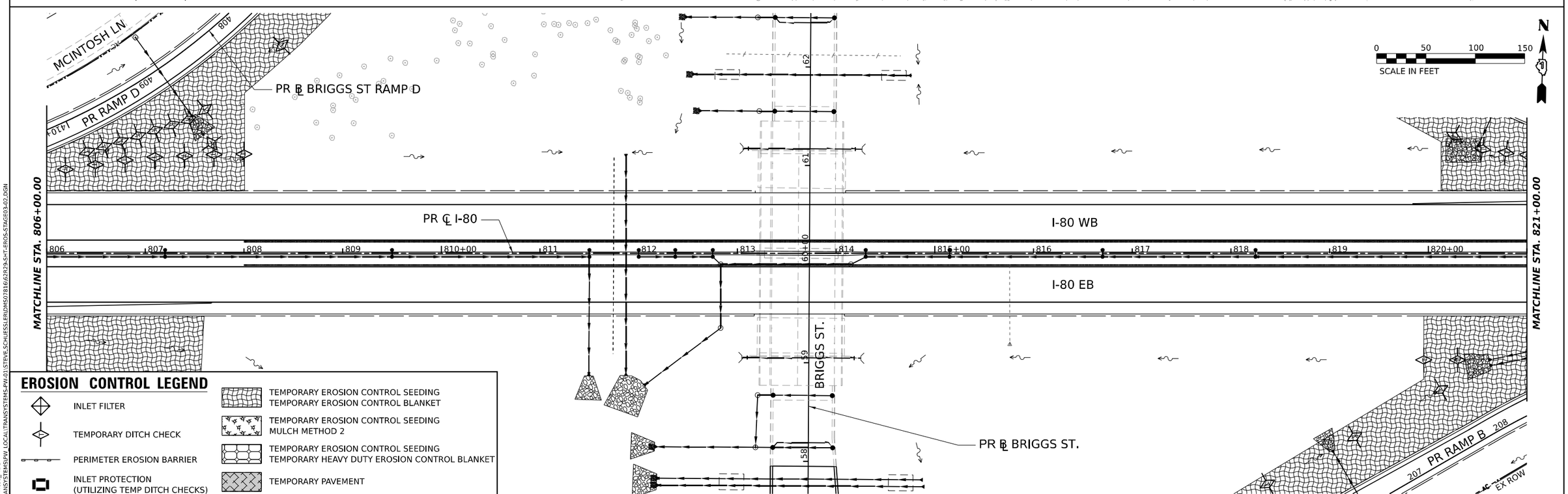
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 3

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	432
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	





EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 3

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	433
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

MODEL: PR_I80 - PR I80_ML-3
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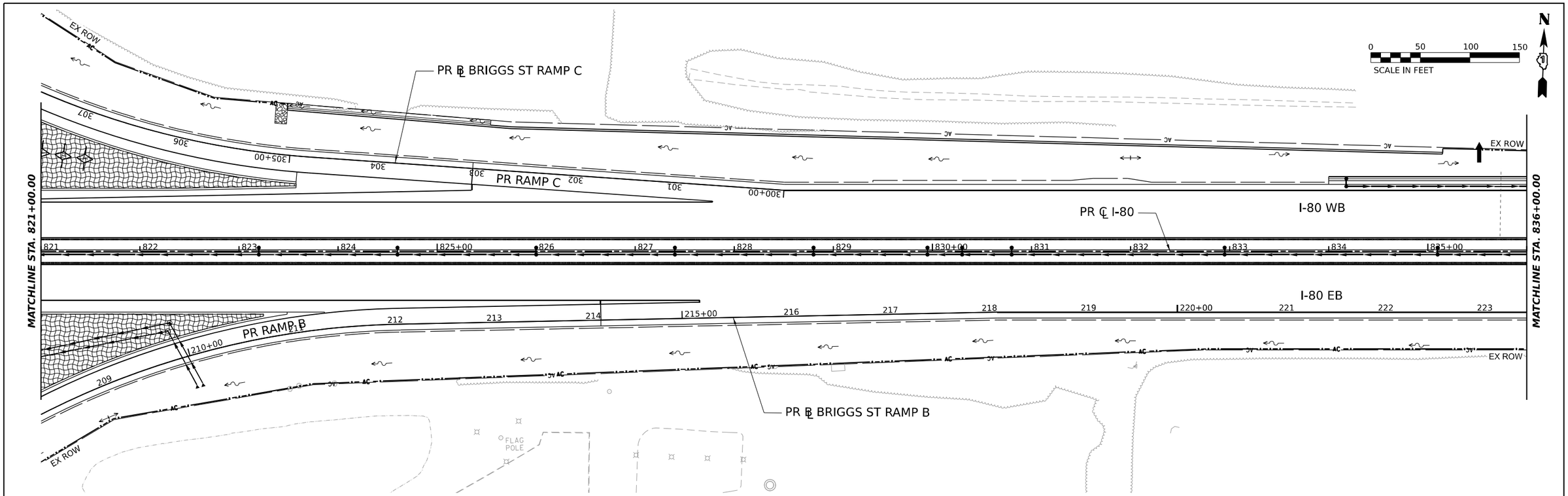

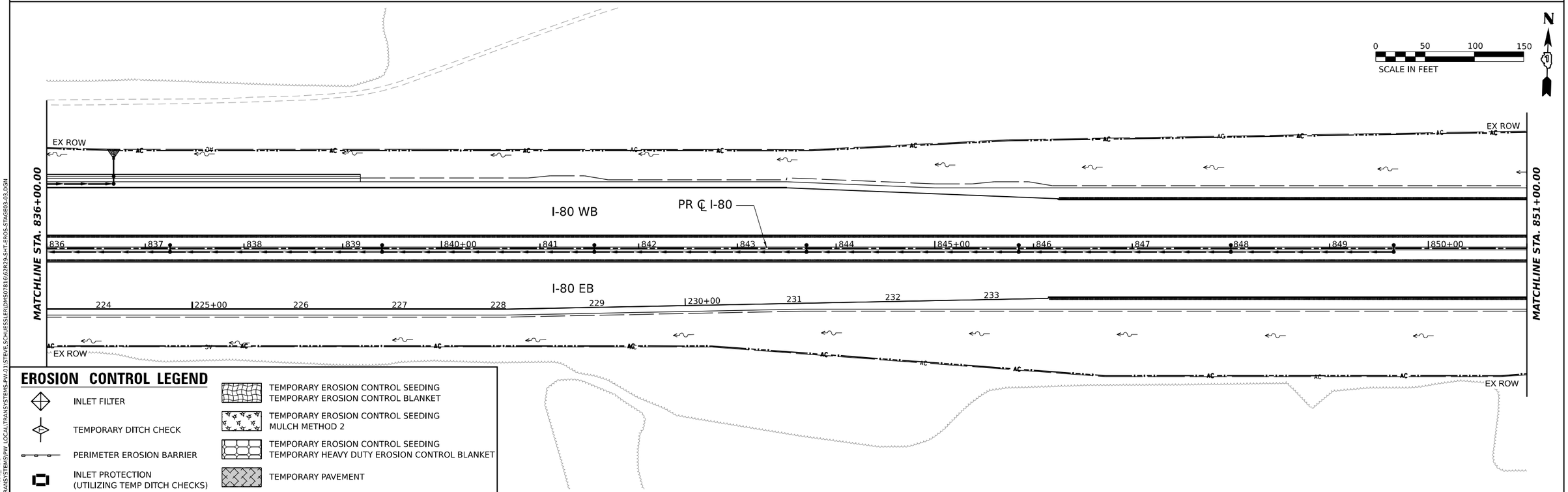

EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR_I80 - PR I80_ML-5
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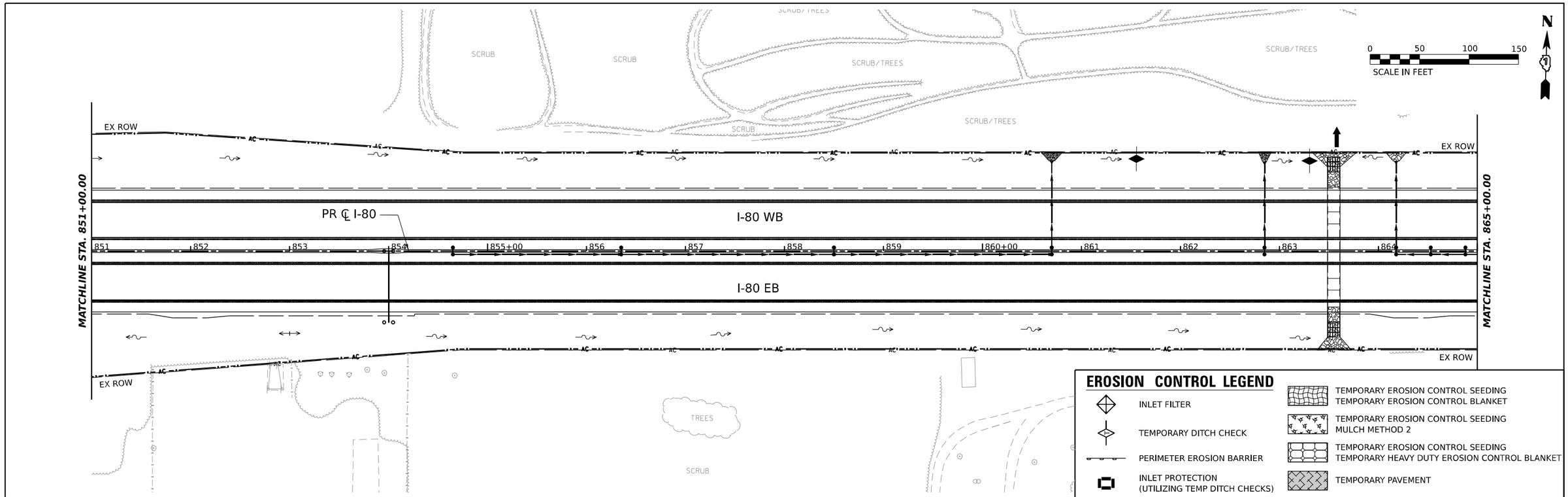
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

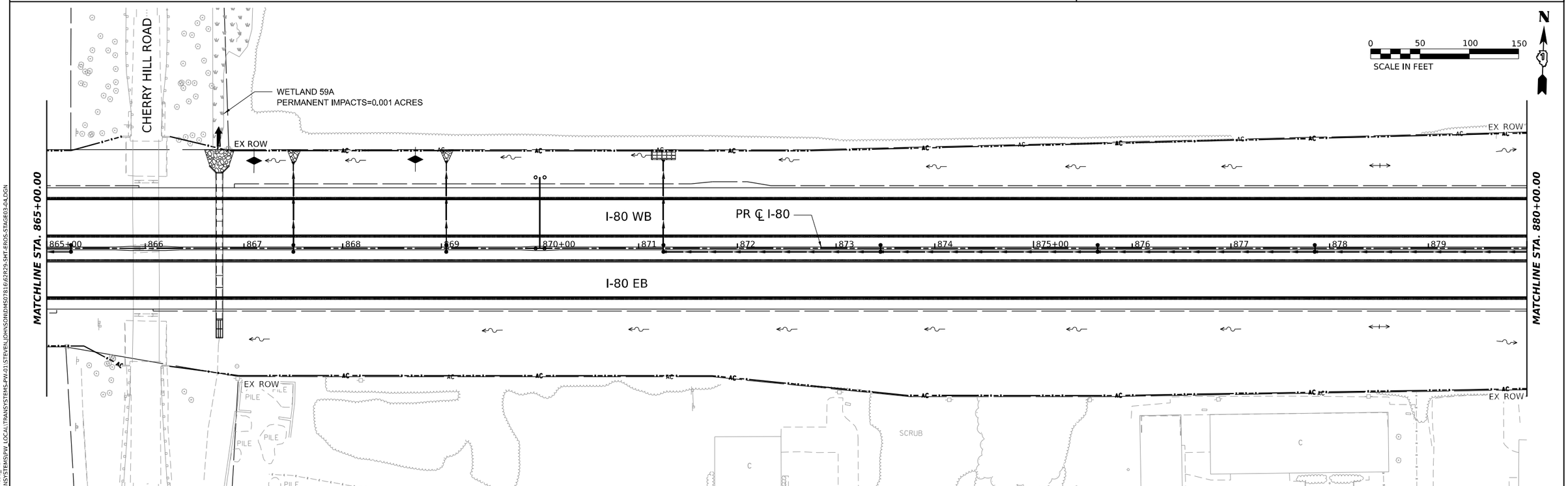
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 3

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	434
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	





MODEL: PR_I80 - PR I80_MI_7
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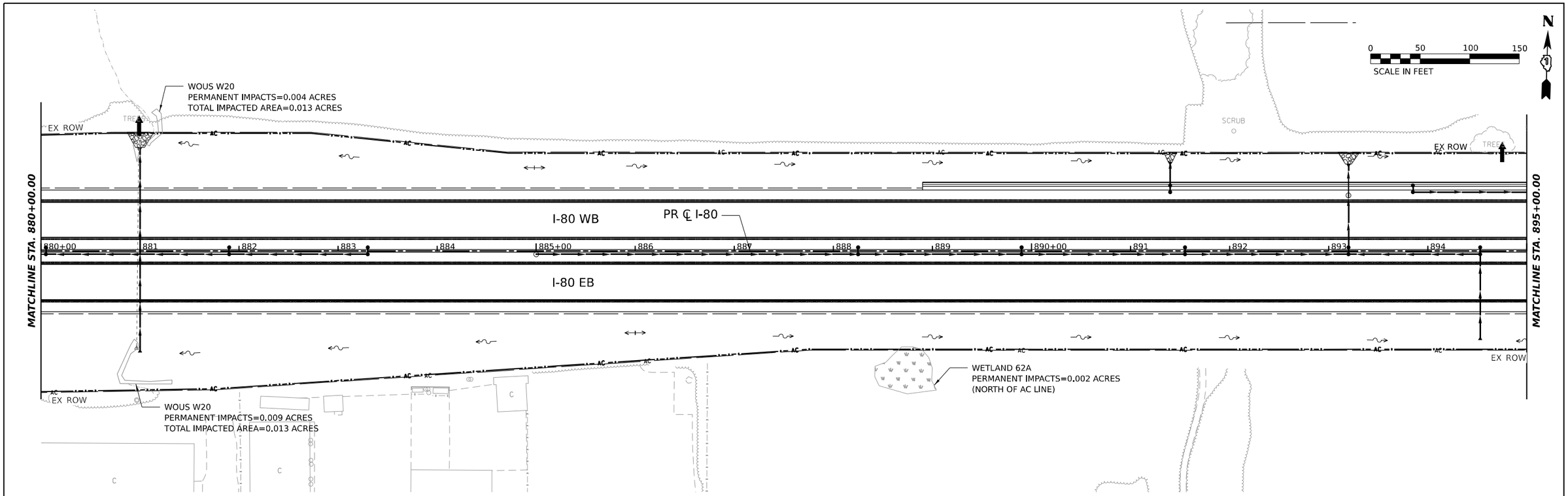
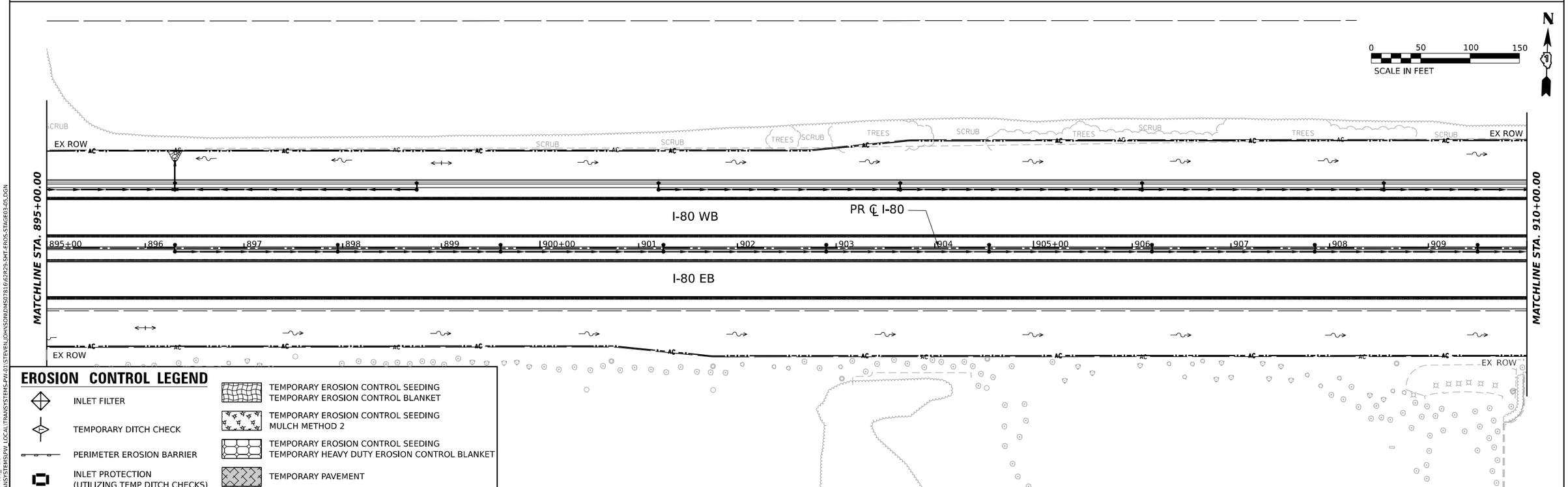
USER NAME = SJOHNSON	DESIGNED - SMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

I-80
EROSION CONTROL STAGE 3

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	435
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	





EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR_I80 - PR I80_ML-9
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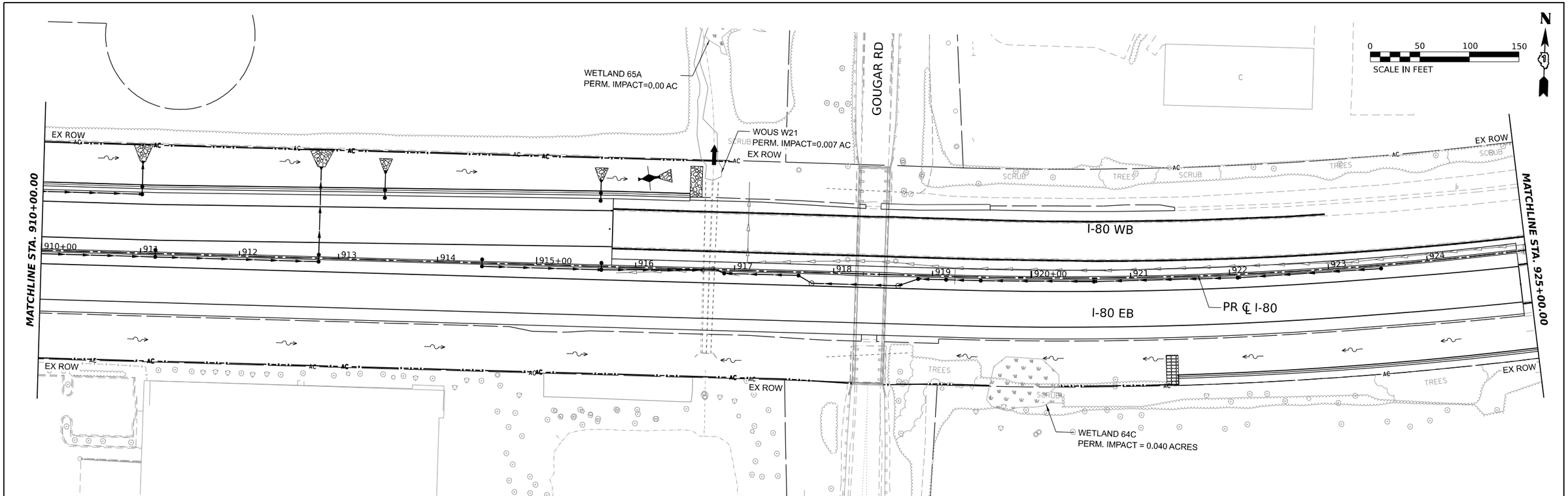
USER NAME = SJOHNSON	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 3

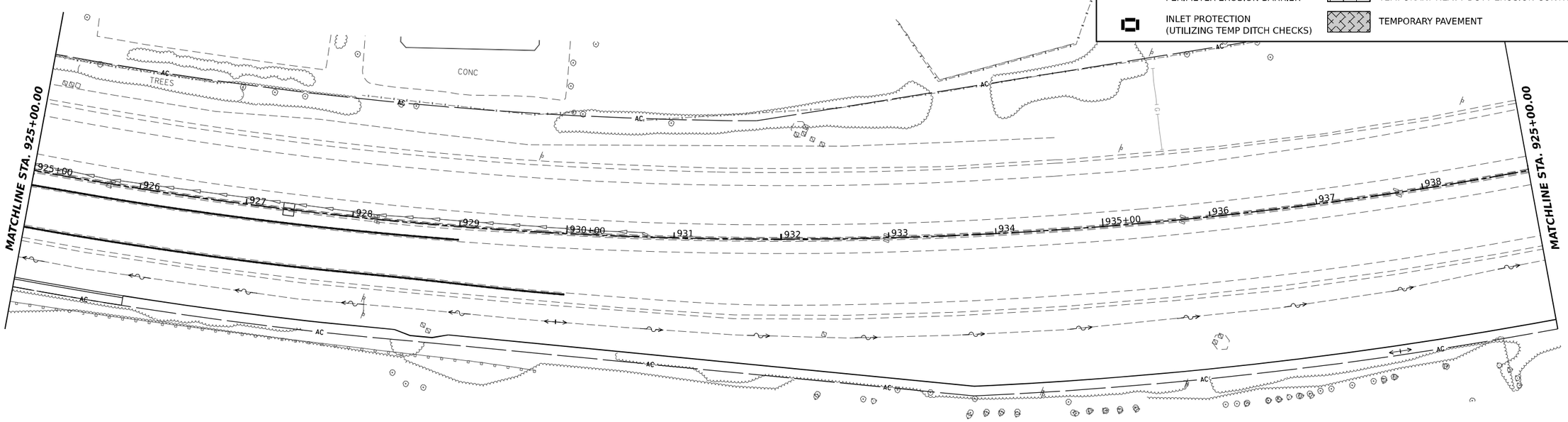
SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	436
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT



MODEL: PR_I80 - PR I80_ML-11
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USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	
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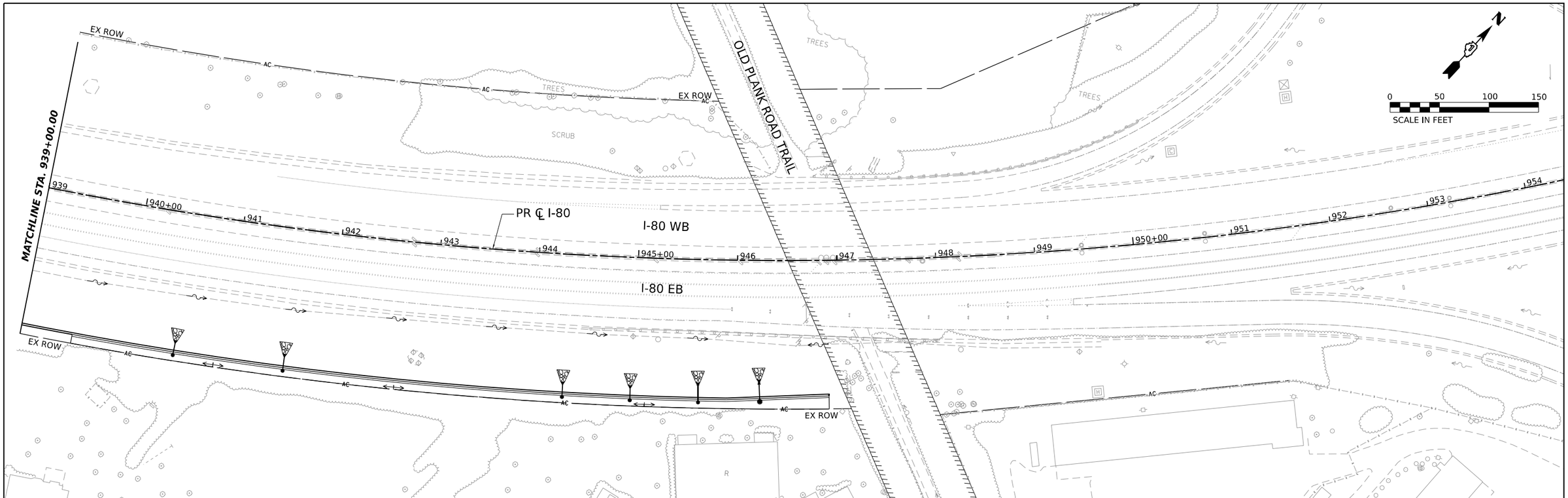
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 3

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	437
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR_I80 - PR I80_ML-13
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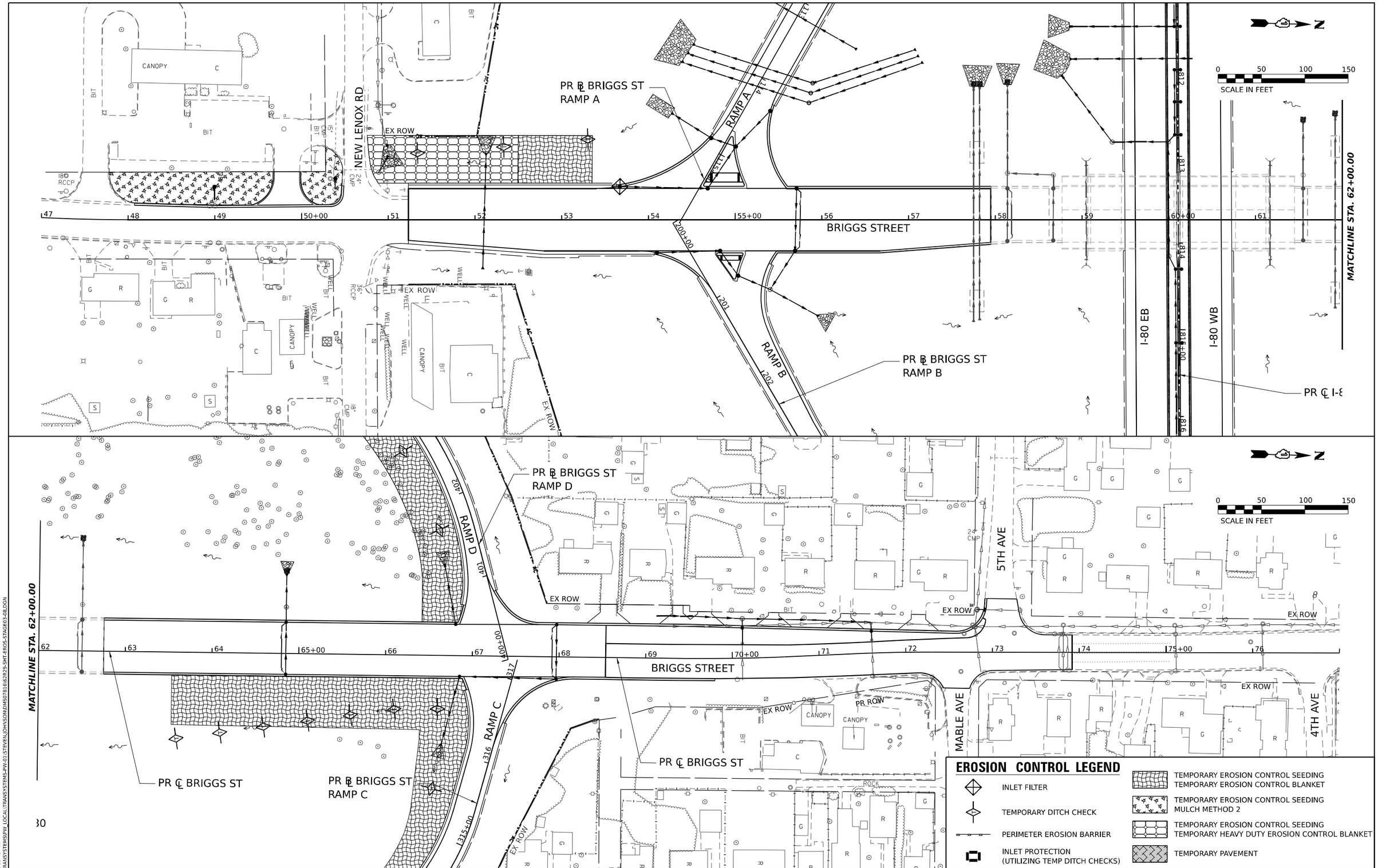
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
EROSION CONTROL STAGE 3

SCALE: 1"=50' | SHEET OF SHEETS | STA. 939+00 TO STA. 954+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	438
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	



MODEL: PR_BRIGGS - SHEET
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	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

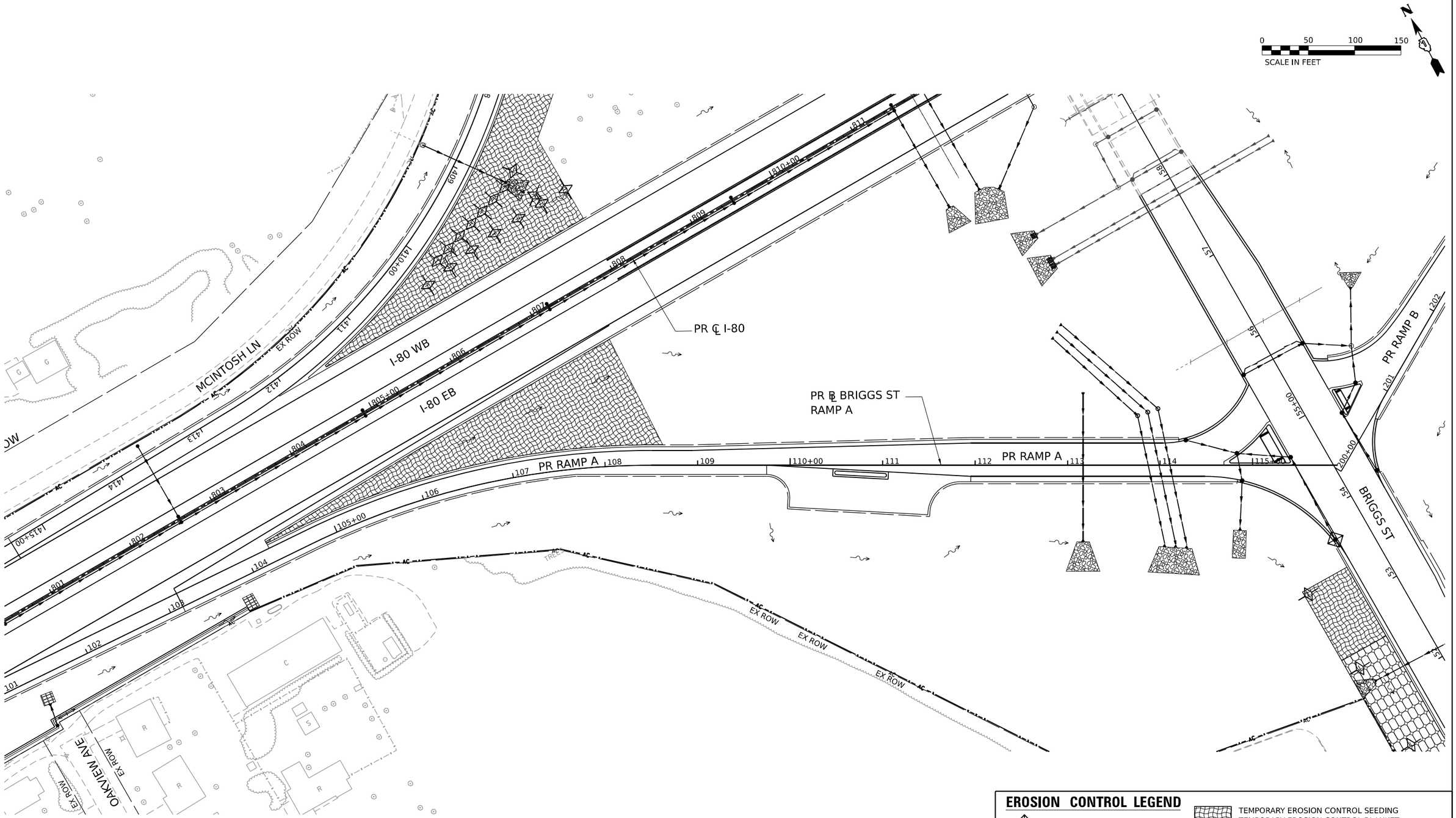
BRIGGS STREET
EROSION CONTROL STAGE 3

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	439

CONTRACT NO. 62R29

ILLINOIS | FED. AID PROJECT



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR_BRIGGS_RAMP_A - PLAN 1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-EROS-STAGE03-09.DGN

USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	
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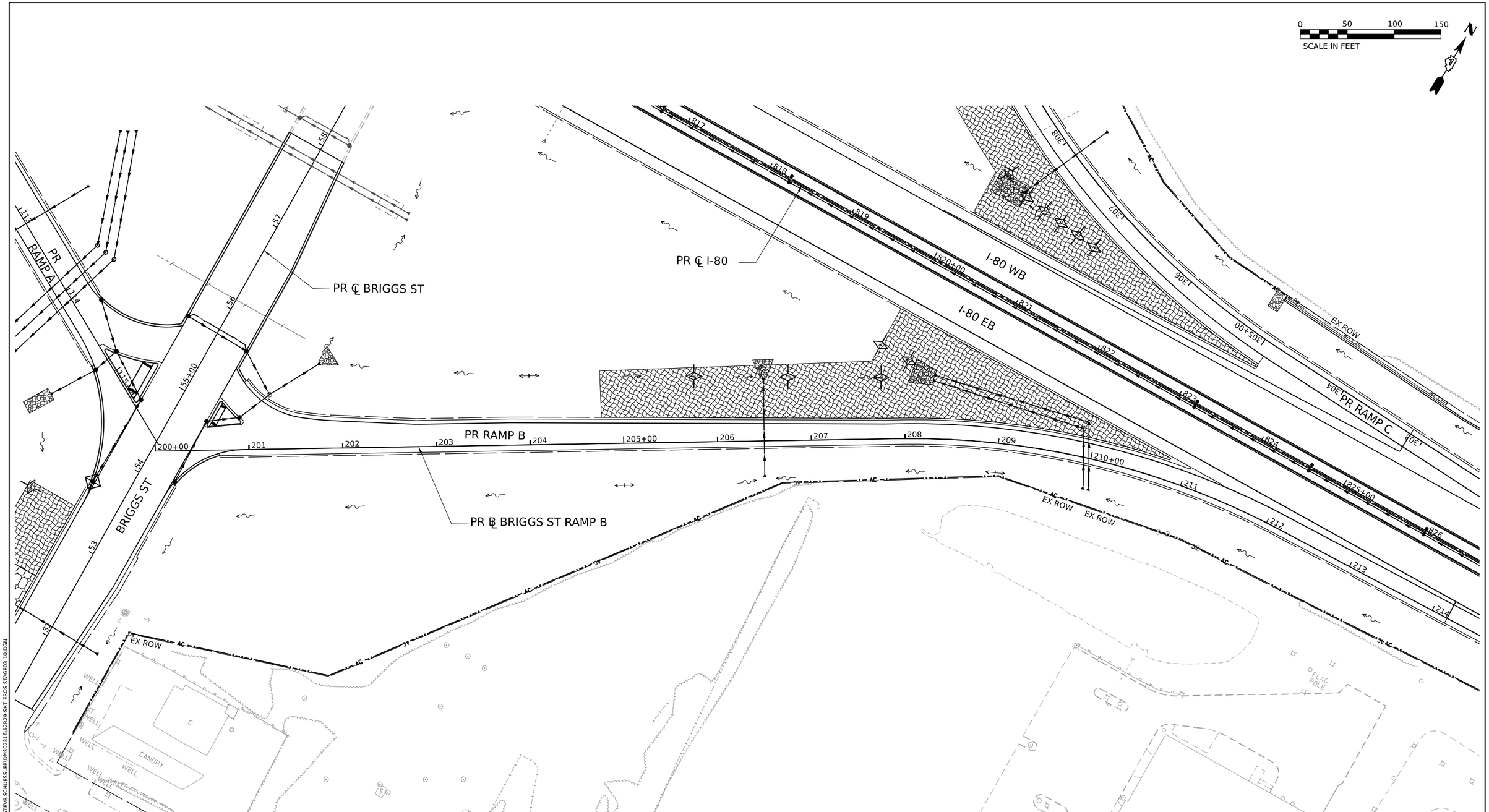
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET RAMP A
EROSION CONTROL STAGE 3

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	440
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR_BRIGGS_RAMP_B - PLAN 1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-EROS-STAGE03-10.DGN

USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	
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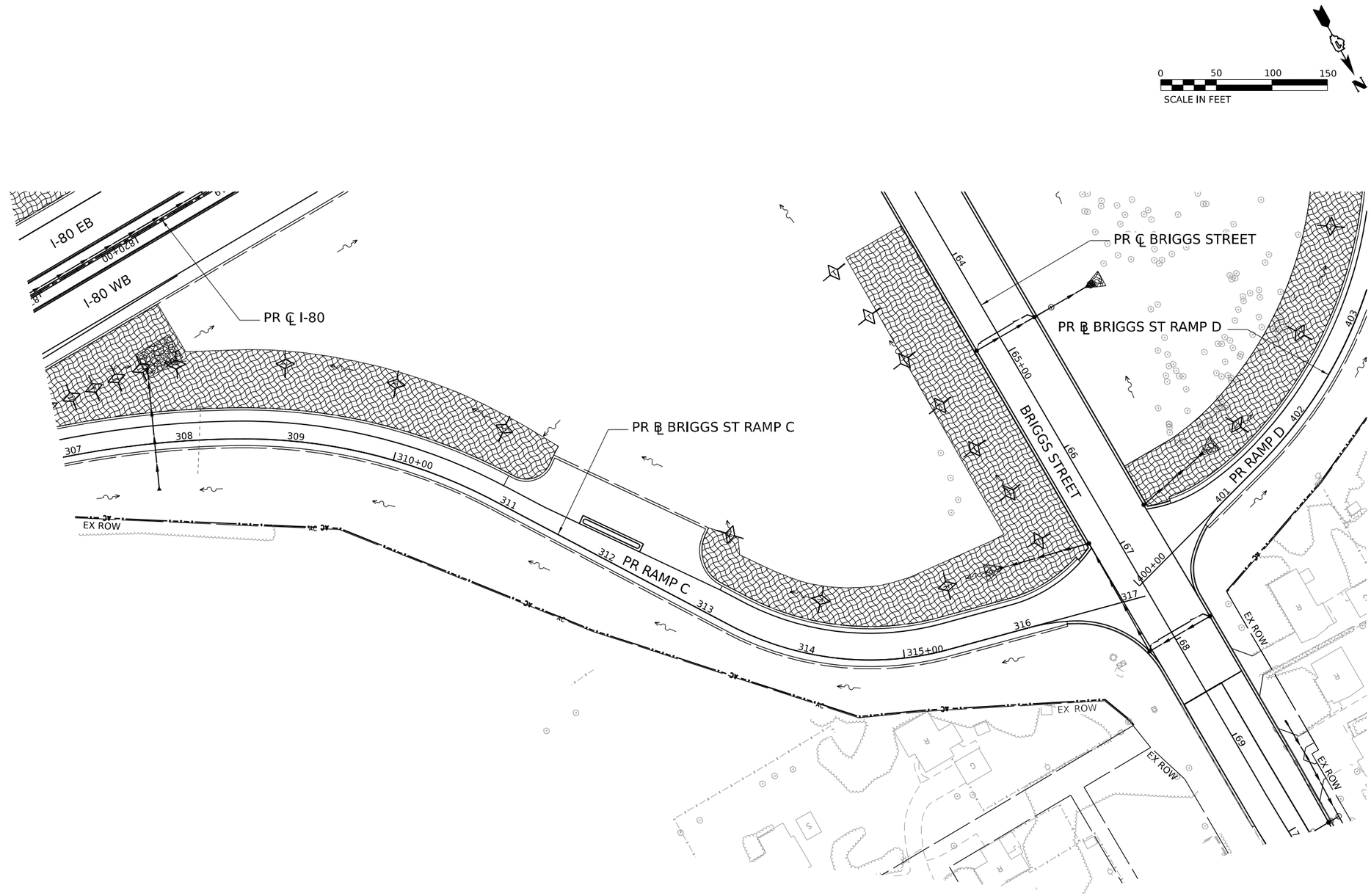
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET RAMP B
EROSION CONTROL STAGE 3

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	441
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING / MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING / TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR BRIGGS RAMP C - PLAN 6
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVEN.JOHNSON\MS0781606\R29-SHT-EROS-STAGE03-12.DGN

USER NAME = SJOHNSON	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

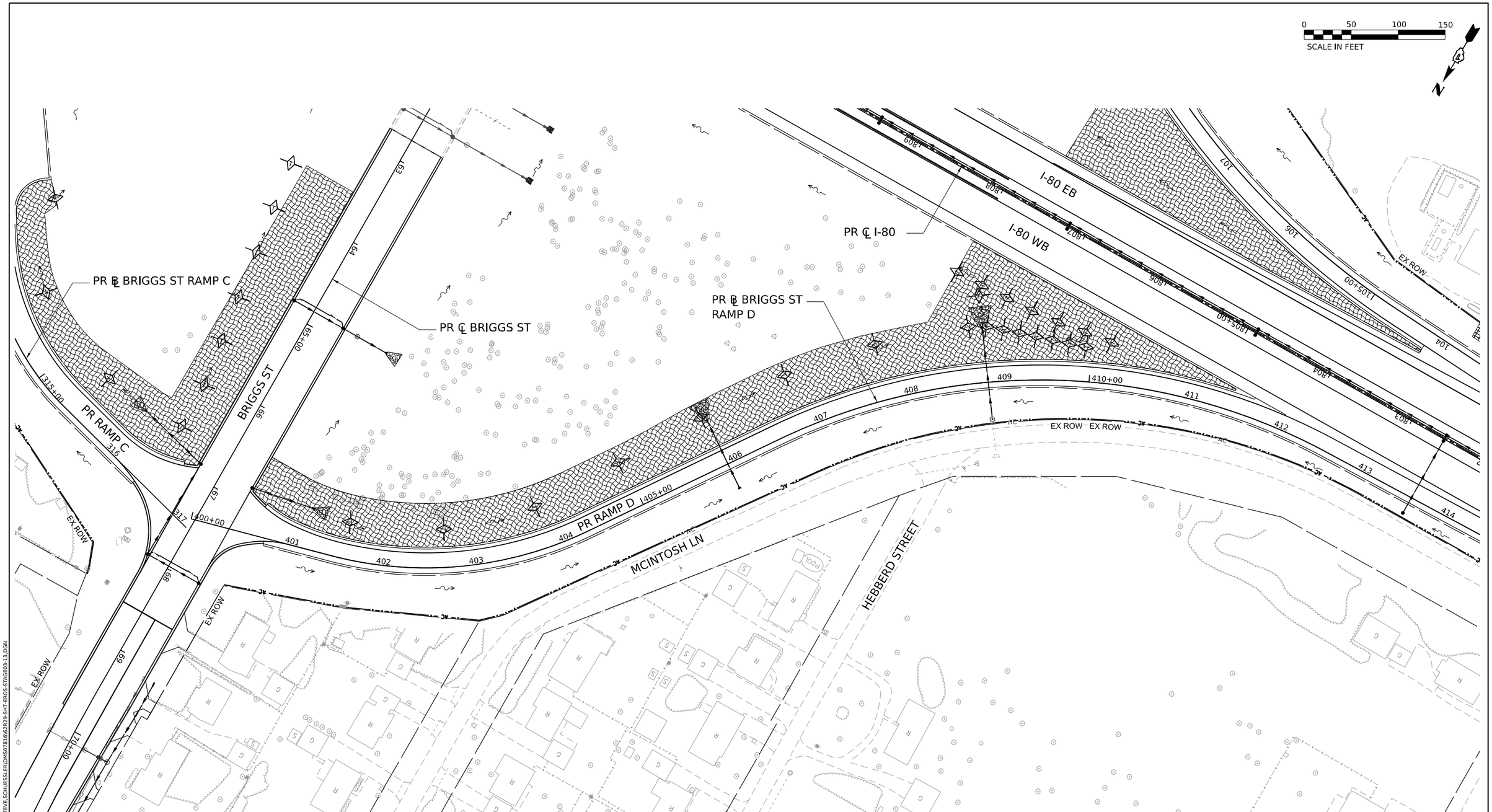
BRIGGS STREET RAMP C
EROSION CONTROL STAGE 3

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	442

CONTRACT NO. 62R29

ILLINOIS | FED. AID PROJECT



EROSION CONTROL LEGEND

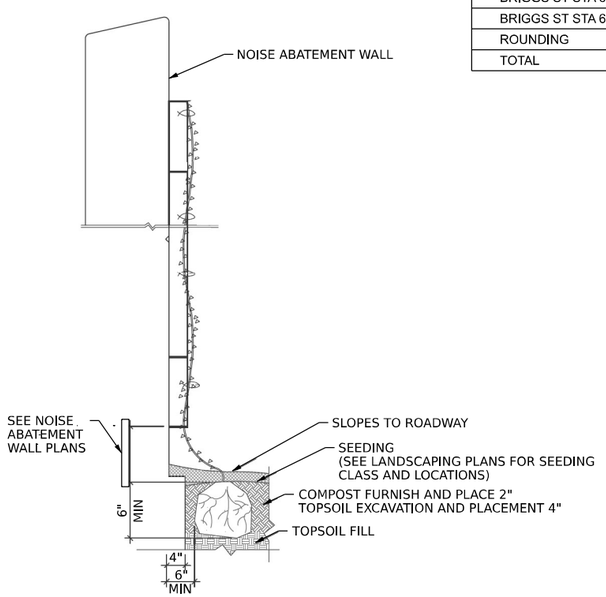
- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING MULCH METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT

MODEL: PR BRIGGS RAMP D - PLAN 8
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-EROS-STAGE03-13.DGN

USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIGGS STREET RAMP D EROSION CONTROL STAGE 3	
	DRAWN - SVJ	REVISED -			
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -			
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	443
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

LOCATION	SEEDING, CLASS 1B	SEEDING, CLASS 2A	SEEDING, CLASS 3	SEEDING, CLASS 4	SEEDING, CLASS 4B	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	SUPPLEMENTAL WATERING	TEMPORARY EROSION CONTROL BLANKET	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	VINE-PARTHENOCISSUS QUINQUEFOLIA ENGELMANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT	COARSE SAND PLACEMENT, 4"	COARSE SAND PLACEMENT, 2"
	25000115	25000210	25000300	25000310	25000314	25000400	25000600	25200110	25200200	28001100	28001200	E20210G1	X0322992	X0324097
	ACRE	ACRE	ACRE	ACRE	ACRE	POUND	POUND	SQ YD	UNIT	SQ YD	SQ YD	EACH	SQ YD	SQ YD
I-80 STA 764+88 RT TO STA 799+00 RT	0.05	1.05	0.17	1.55	0.58	309	309	-	-	15,474	803	795	7,472	2,775
I-80 STA 803+28 RT TO STA 813+72 RT	-	0.77	-	2.57	0.97	390	390	-	-	20,745	-	-	12,393	4,629
I-80 STA 814+00 RT TO STA 823+25 RT	-	0.63	-	1.75	0.29	242	242	-	-	12,816	-	-	8,424	1,382
I-80 STA 846+15 RT TO STA 865+79 RT	-	0.70	-	1.00	0.35	186	186	-	-	9,832	-	-	4,787	1,685
I-80 STA 866+14 RT TO STA 918+22 RT	-	1.74	0.25	3.52	0.95	585	585	-	-	29,909	1,149	-	16,989	4,521
I-80 STA 918+54 RT TO STA 947+12 RT	0.29	0.45	0.03	1.14	0.12	186	186	-	-	9,535	126	808	5,458	556
I-80 STA 765+45 LT TO STA 781+40 LT	-	0.54	0.23	0.37	0.24	126	126	-	-	5,446	1,109	-	1,709	1,131
I-80 STA 804+79 LT TO STA 813+21 LT	-	0.84	-	4.62	0.39	528	528	-	-	28,210	-	-	22,322	1,853
I-80 STA 814+09 LT TO STA 823+58 LT	-	0.84	-	2.13	0.39	306	306	-	-	16,145	-	-	10,241	1,852
I-80 STA 828+50 LT TO STA 865+87 LT	0.08	1.03	-	1.54	0.66	302	302	-	-	15,905	-	531	7,397	3,190
I-80 STA 866+15 LT TO STA 918+20 LT	-	0.82	0.32	2.42	1.01	417	417	-	-	20,351	1,475	554	12,212	4,874
I-80 STA 918+57 LT TO STA 921+47 LT	-	0.08	0.03	0.14	-	24	24	-	-	1,009	121	-	-	-
RAMP A STA 100+00 RT TO STA 116+00 RT	-	0.57	-	3.82	0.30	424	424	-	-	22,507	-	-	18,372	1,411
RAMP B STA 200+00 RT TO STA 233+68 RT	-	1.16	-	2.89	0.61	422	422	-	-	22,439	-	-	13,906	2,949
RAMP C STA 300+00 RT TO STA 317+24 RT	0.04	0.65	-	0.98	0.30	179	179	-	-	9,436	-	-	4,707	1,445
RAMP D STA 400+00 RT TO STA 434+89 RT	-	0.96	0.06	1.02	0.62	242	242	-	-	12,505	282	-	4,869	2,990
BRIGGS ST STA 47+00 LT TO STA 55+00 LT	-	0.32	0.13	-	0.05	48	48	-	-	1,659	595	-	-	215
BRIGGS ST STA 47+00 RT TO STA 55+00 RT	-	0.11	0.10	-	0.06	26	26	-	-	781	435	-	-	264
BRIGGS ST STA 55+00 LT TO STA 60+00 LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRIGGS ST STA 55+00 RT TO STA 60+00 RT	-	0.09	-	-	-	9	9	-	-	402	-	-	-	-
BRIGGS ST STA 60+00 LT TO STA 67+00 LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRIGGS ST STA 60+00 RT TO STA 67+00 RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BRIGGS ST STA 67+00 LT TO STA 75+00 LT	-	-	-	-	-	19	19	744	25	-	-	-	-	-
BRIGGS ST STA 67+00 RT TO STA 75+00 RT	-	-	-	-	-	7	7	317	10	-	-	-	-	-
ROUNDING	0.04	0.15	0.18	0.04	0.11	-	-	-	-	-	-	-	-	-
TOTAL	0.50	13.50	1.50	31.50	8.00	4,977	4,977	1,061	35	255,106	6,095	2688	151,258	37,722

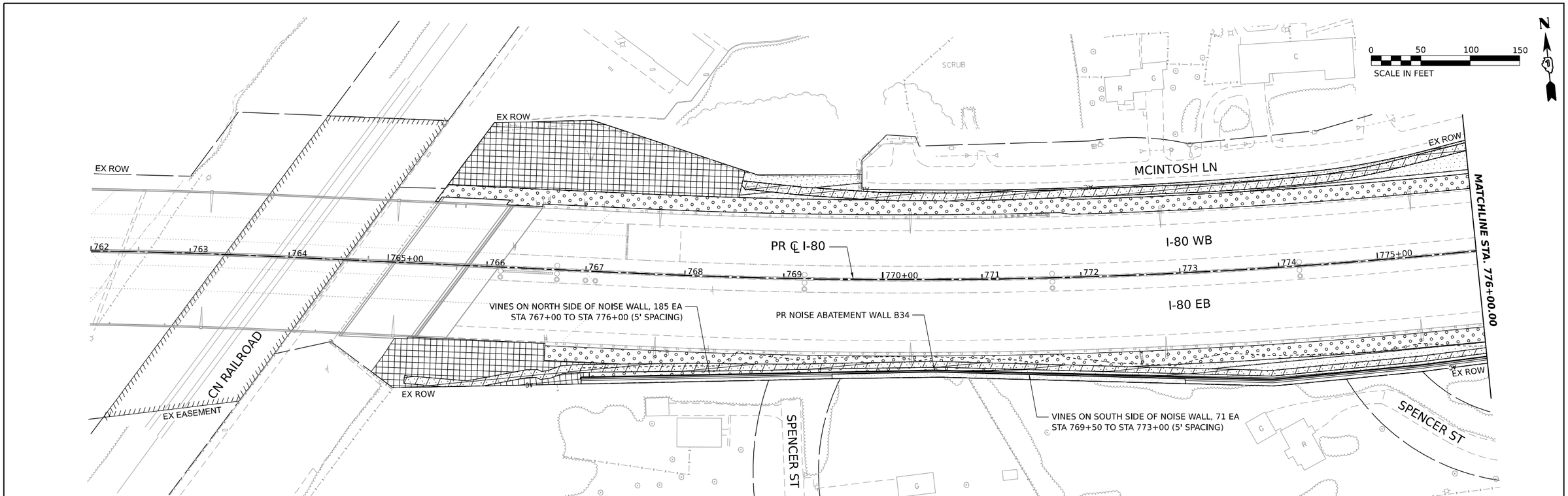


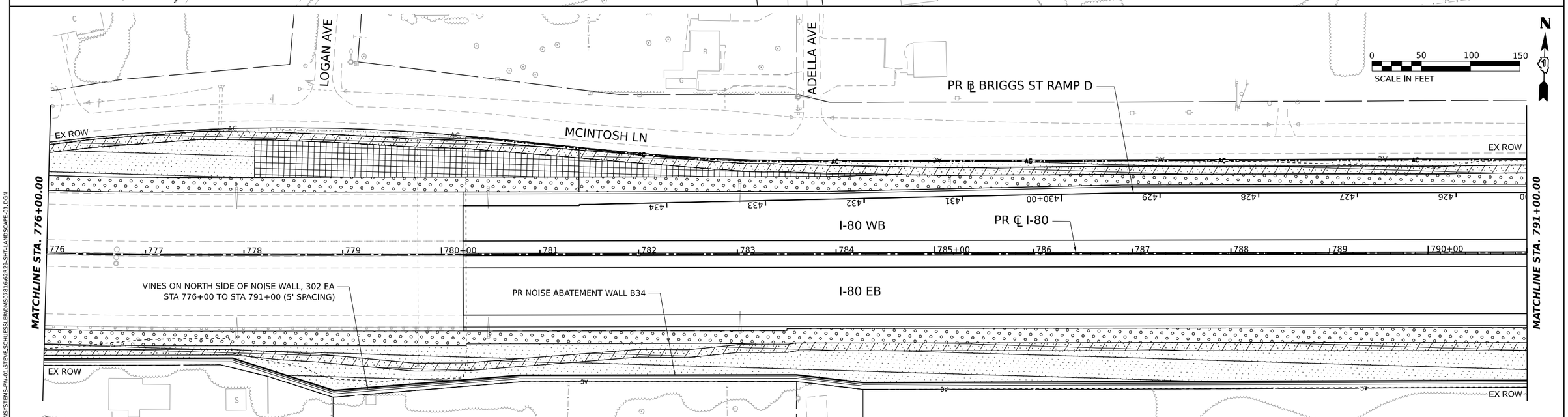
VINE DETAIL

N.T.S.

LANDSCAPE NOTE:

1. UNDERBRUSH OR DEBRIS AT PLANTING LOCATIONS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.





LANDSCAPE LEGEND

- SEEDING, CLASS 1B
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 2A
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 3
  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4
  TOPSOIL, 4"
  COARSE SAND PLACEMENT, 4"
  TEMPORARY EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SODDING, SALT TOLERANT
  SUPPLEMENTAL WATERING
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4B
  DITCH BOTTOM: TOPSOIL, 4"
  COARSE SAND PLACEMENT, 2"
  DETENTION BASIN: TOPSOIL, 12"
  FUR PLAC SAND FILL (12")
  EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

MODEL: PR_I80 - PR I80_ML-1
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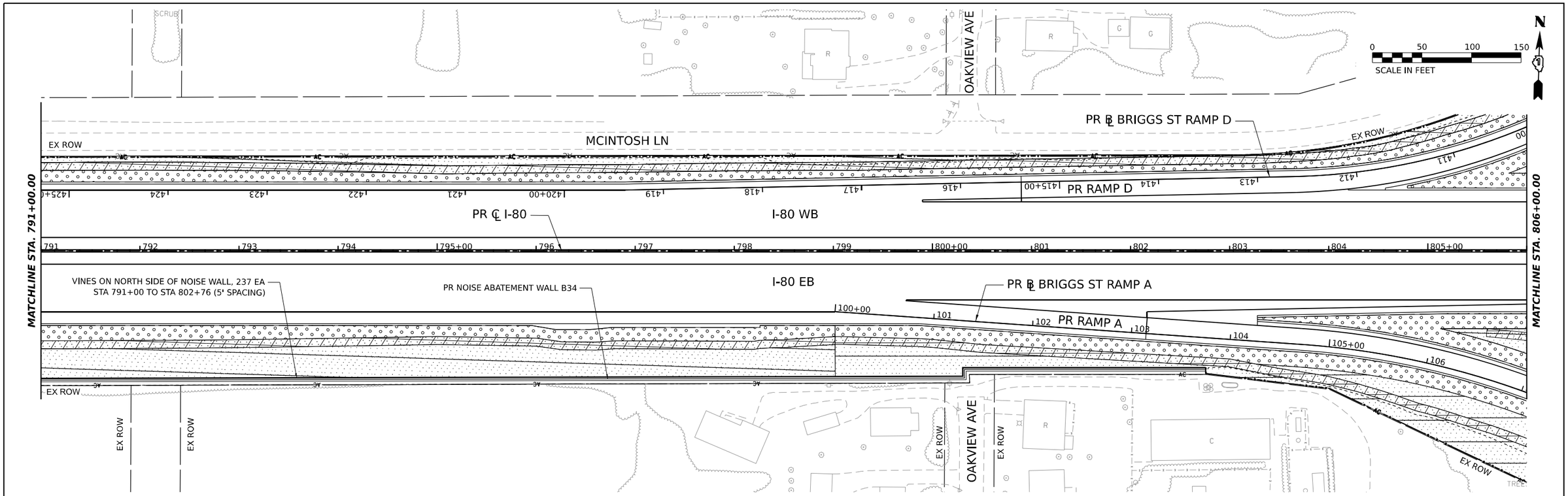
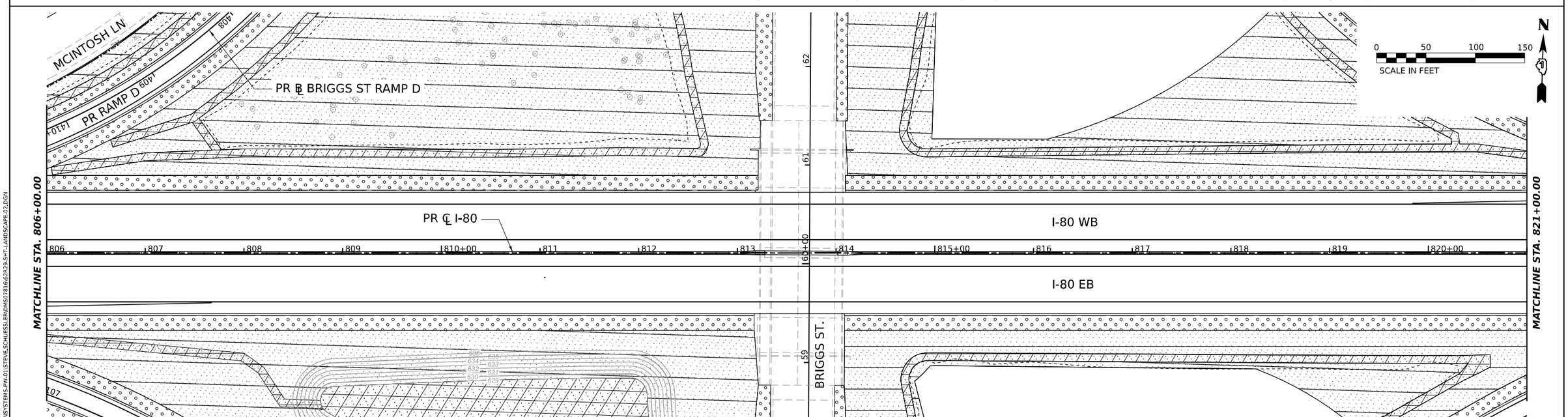
USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-80 LANDSCAPE PLAN	
	DRAWN - SVJ	REVISED -			
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -			
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	445
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	





LANDSCAPE LEGEND

- SEEDING, CLASS 1B
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 2A
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 3
  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4
  TOPSOIL, 4"
  COARSE SAND PLACEMENT, 4"
  TEMPORARY EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SODDING, SALT TOLERANT
  SUPPLEMENTAL WATERING
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4B
  DITCH BOTTOM: TOPSOIL, 4"
  COARSE SAND PLACEMENT, 2"
  DETENTION BASIN: TOPSOIL, 12"
  FUR PLAC SAND FILL (12")
  EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

MODEL: PR_I80 - PR I80_ML-3
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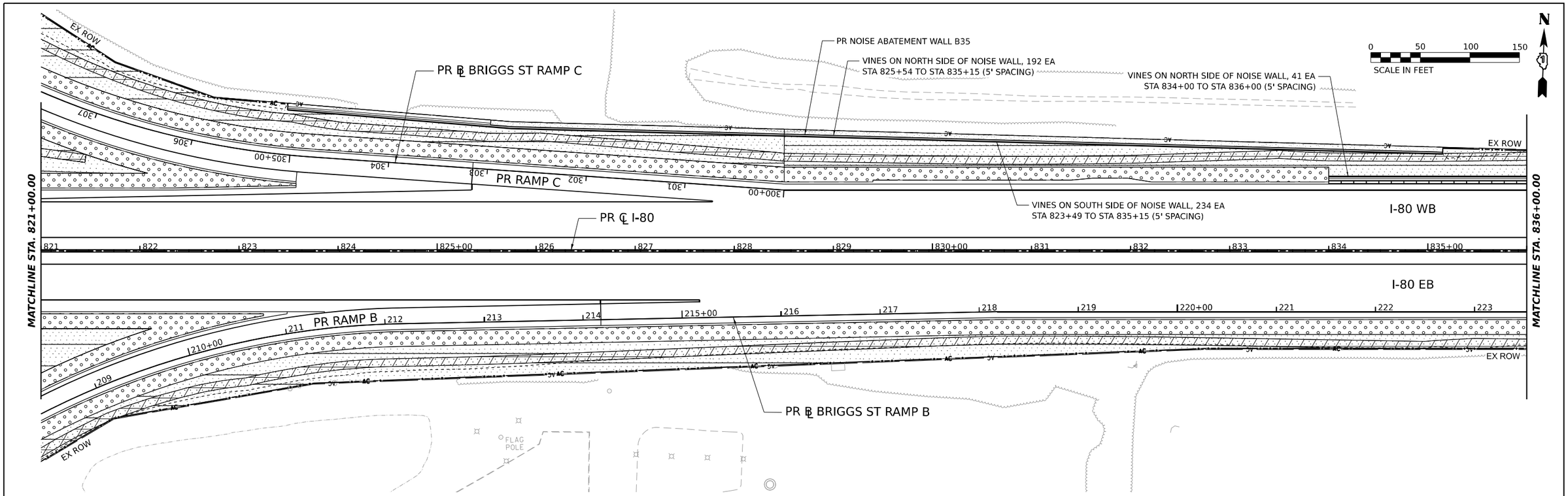
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

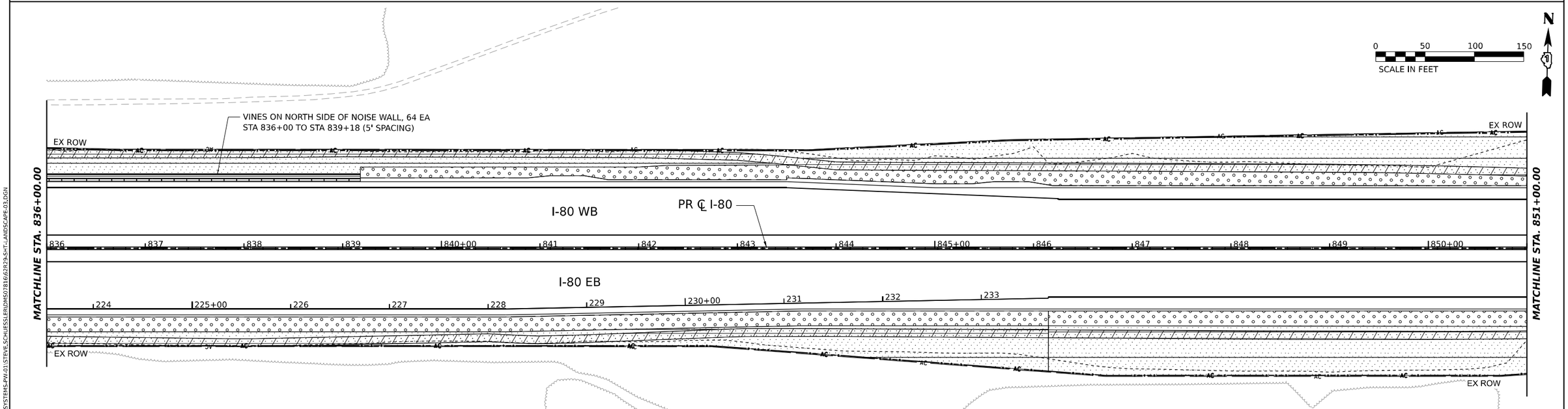
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
LANDSCAPE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	446
		CONTRACT NO. 62R29		
		ILLINOIS FED. AID PROJECT		





LANDSCAPE LEGEND

- SEEDING, CLASS 1B
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 2A
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 3
  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4
  TOPSOIL, 4"
  COARSE SAND PLACEMENT, 4"
  TEMPORARY EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SODDING, SALT TOLERANT
  SUPPLEMENTAL WATERING
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4B
  DITCH BOTTOM: TOPSOIL, 4"
  COARSE SAND PLACEMENT, 2"
  DETENTION BASIN: TOPSOIL, 12"
  FUR PLAC SAND FILL (12")
  EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

MODEL: PR_I80 - PR I80_MI_5
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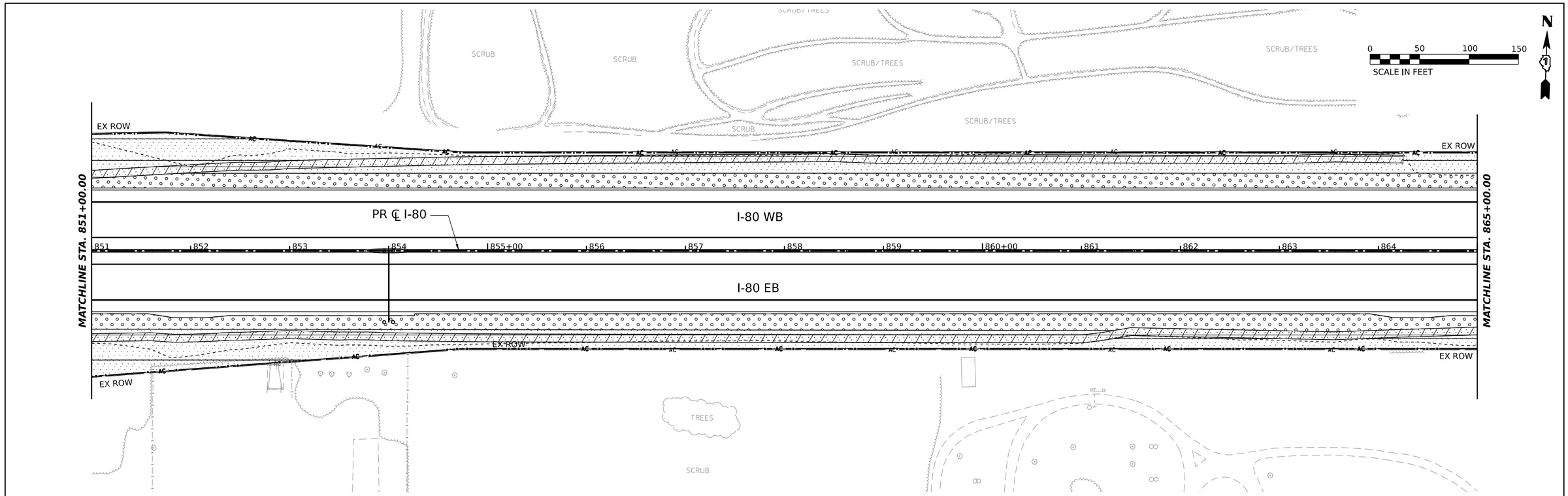
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

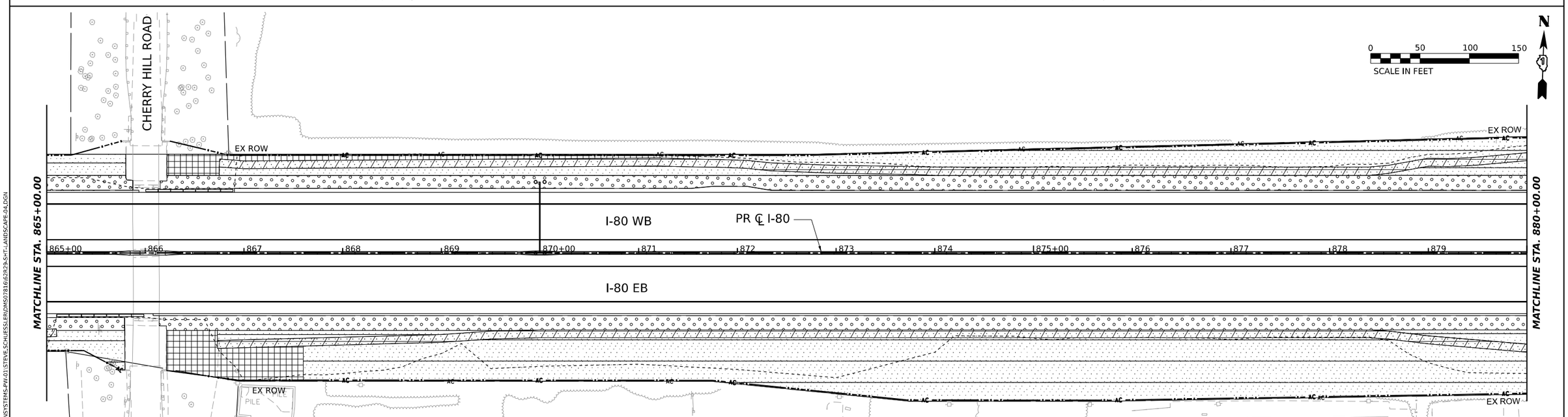
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
LANDSCAPE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	447
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	





LANDSCAPE LEGEND

- SEEDING, CLASS 1B
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 2A
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 3
  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4
  TOPSOIL, 4"
  COARSE SAND PLACEMENT, 4"
  TEMPORARY EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SODDING, SALT TOLERANT
  SUPPLEMENTAL WATERING
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4B
  DITCH BOTTOM: TOPSOIL, 4"
  COARSE SAND PLACEMENT, 2"
  DETENTION BASIN: TOPSOIL, 12"
  FUR PLAC SAND FILL (12")
  EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

MODEL: PR_I80 - PR I80_ML-7
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-LANDSCAPE-04.DGN

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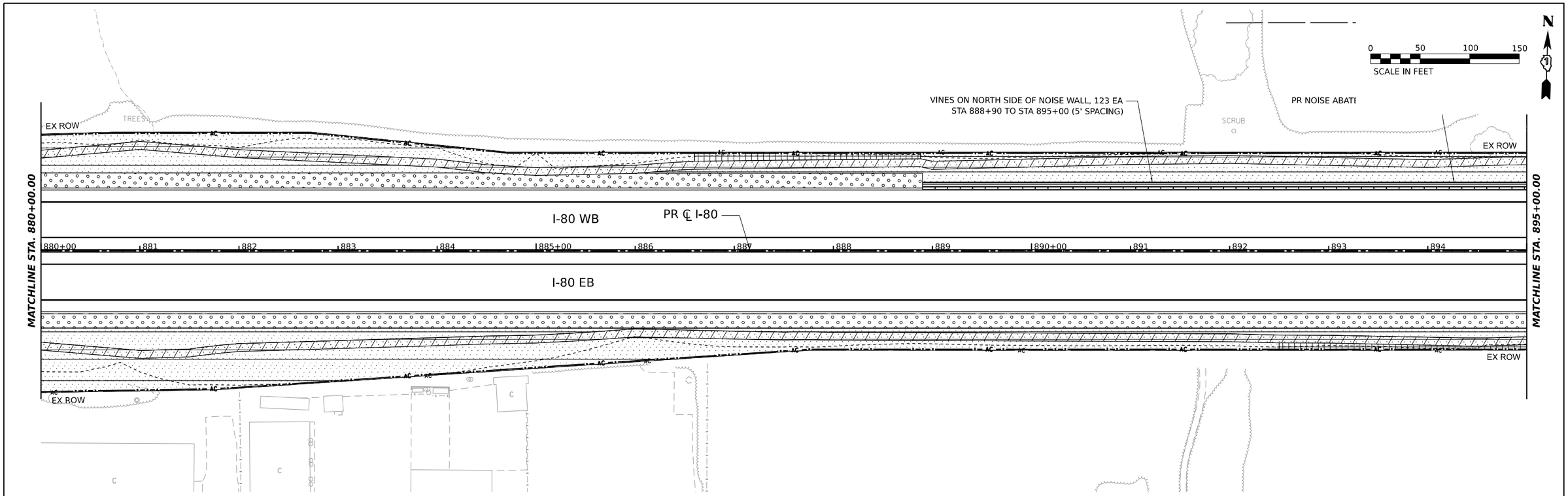
	DRAWN -	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED -	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

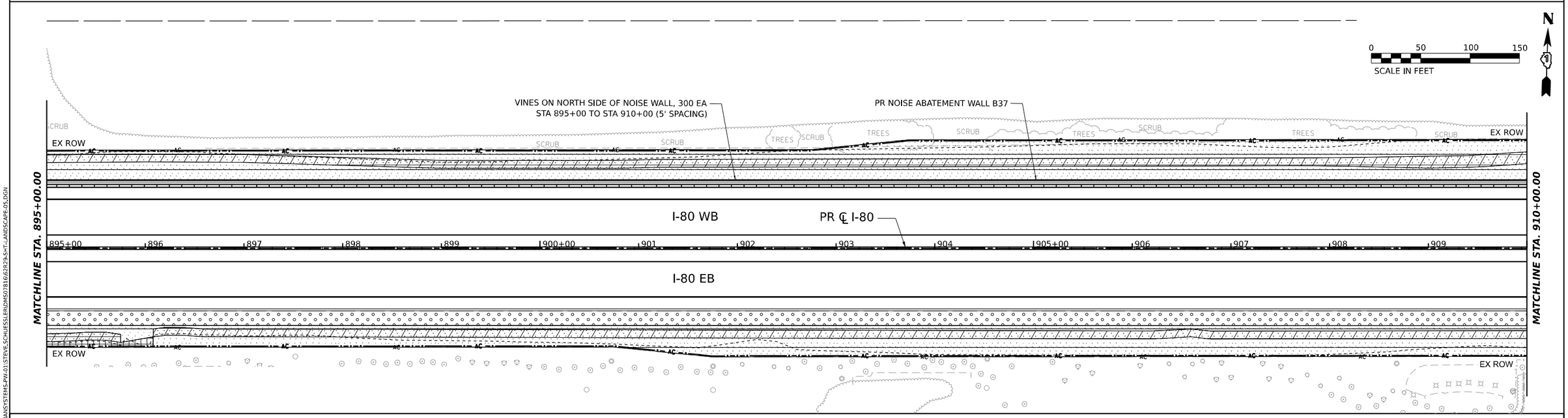
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I–80
LANDSCAPE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	448
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	





LANDSCAPE LEGEND

- SEEDING, CLASS 1B
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 2A
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 3
  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4
  TOPSOIL, 4"
  COARSE SAND PLACEMENT, 4"
  TEMPORARY EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SODDING, SALT TOLERANT
  SUPPLEMENTAL WATERING
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4B
  DITCH BOTTOM: TOPSOIL, 4"
  COARSE SAND PLACEMENT, 2"
  DETENTION BASIN: TOPSOIL, 12"
  FUR PLAC SAND FILL (12")
  EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

USER NAME = SSCHUESSLER	DESIGNED -	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I–80
LANDSCAPE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	449
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

MODEL: PR_I80 - PR I80_MI_9
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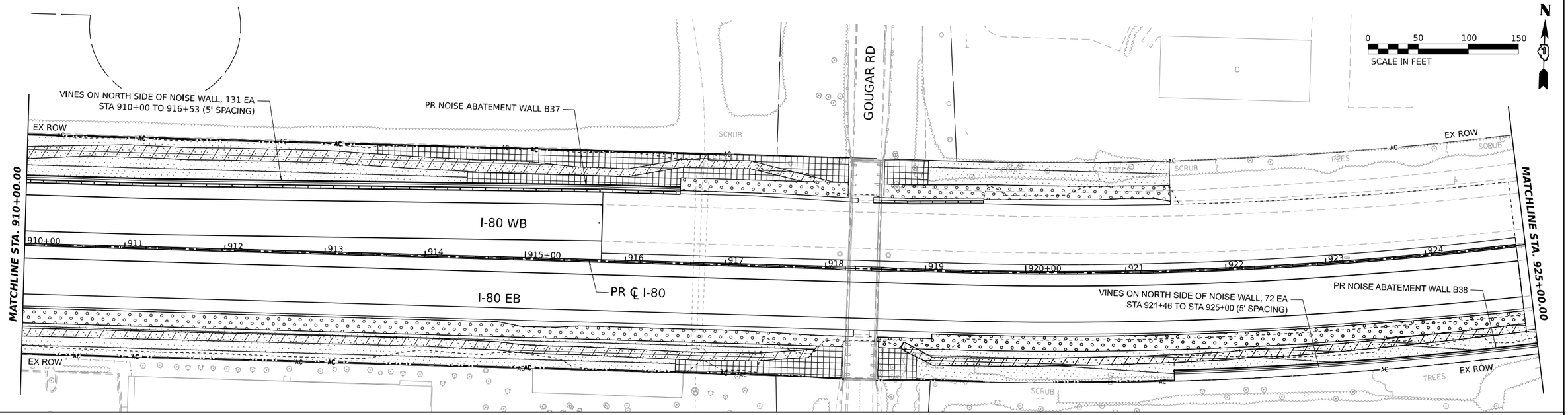
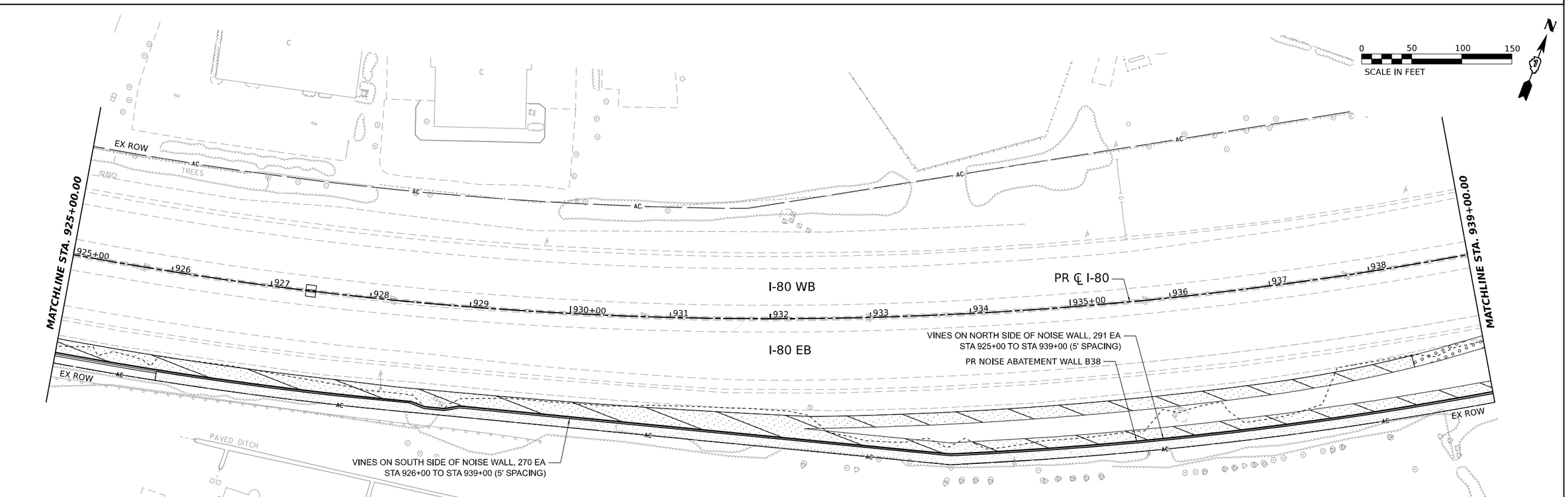


LANDSCAPE LEGEND

- SEEDING, CLASS 1B
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 2A
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 3
  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4
  TOPSOIL, 4"
  COARSE SAND PLACEMENT, 4"
  TEMPORARY EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SODDING, SALT TOLERANT
  SUPPLEMENTAL WATERING
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4B
  DITCH BOTTOM: TOPSOIL, 4"
  COARSE SAND PLACEMENT, 2"
  DETENTION BASIN: TOPSOIL, 12"
  FUR PLAC SAND FILL (12")
  EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT



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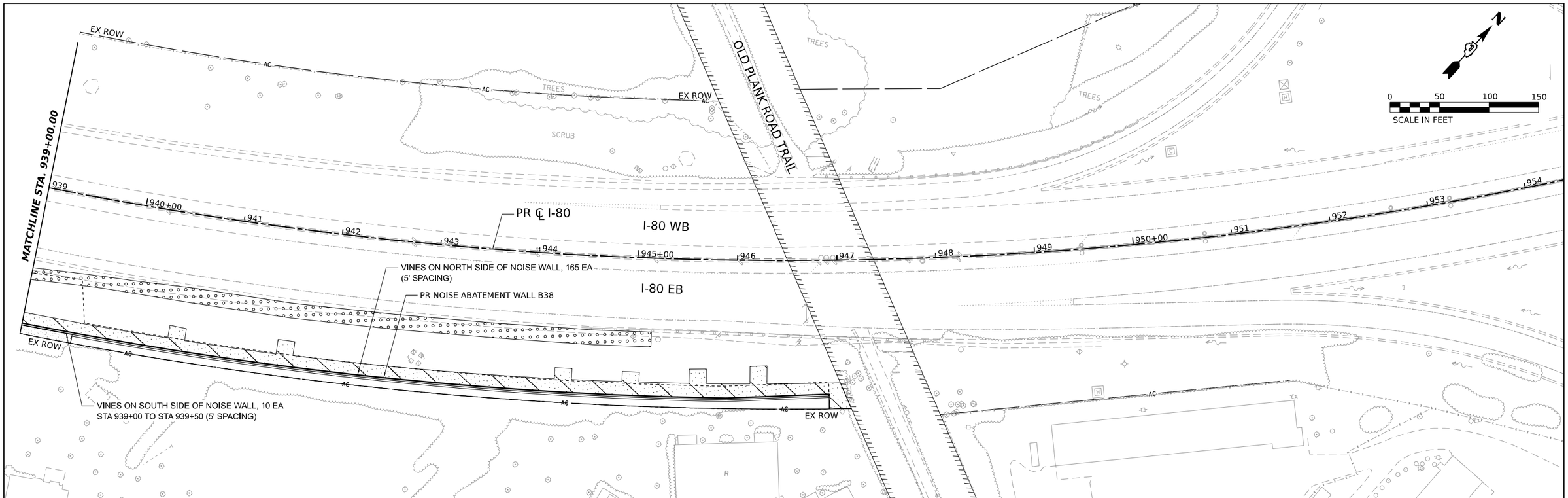
USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-80 LANDSCAPE PLAN	
	DRAWN - SVJ	REVISED -			
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -			
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -		SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	450
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



LANDSCAPE LEGEND

SEEDING, CLASS 1B
TEMPORARY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 2A
TEMPORARY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 3
TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 4
TOPSOIL, 4"
COARSE SAND PLACEMENT, 4"
TEMPORARY EROSION CONTROL BLANKET
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SODDING, SALT TOLERANT
SUPPLEMENTAL WATERING
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 4B
DITCH BOTTOM: TOPSOIL, 4"
COARSE SAND PLACEMENT, 2"
DETENTION BASIN: TOPSOIL, 12"
FUR PLAC SAND FILL (12")
EROSION CONTROL BLANKET
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

MODEL: PR_I80 - PR I80_MI-13
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-LANDSCAPE-07.DGN

USER NAME = SSCHUESSLER	DESIGNED -	REVISED -	
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PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
LANDSCAPE PLAN

SCALE: 1"=50' | SHEET SCV05BBOF SHEETS | STA. 939+00 TO STA. 954+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	CV05BB

CONTRACT NO. 62R29

ILLINOIS | FED. AID PROJECT

LANDSCAPE LEGEND

- SEEDING, CLASS 1B
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 2A
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 3
  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4
  TOPSOIL, 4"
  COARSE SAND PLACEMENT, 4"
  TEMPORARY EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SODDING, SALT TOLERANT
  SUPPLEMENTAL WATERING
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4B
  DITCH BOTTOM: TOPSOIL, 4"
  COARSE SAND PLACEMENT, 2"
  DETENTION BASIN: TOPSOIL, 12"
  FUR PLAC SAND FILL (12")
  EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

USER NAME = SSCHUESSLER	DESIGNED -	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET
LANDSCAPE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	452

CONTRACT NO. 62R29

ILLINOIS | FED. AID PROJECT

MODEL: PR_BRIGGS - SHEET
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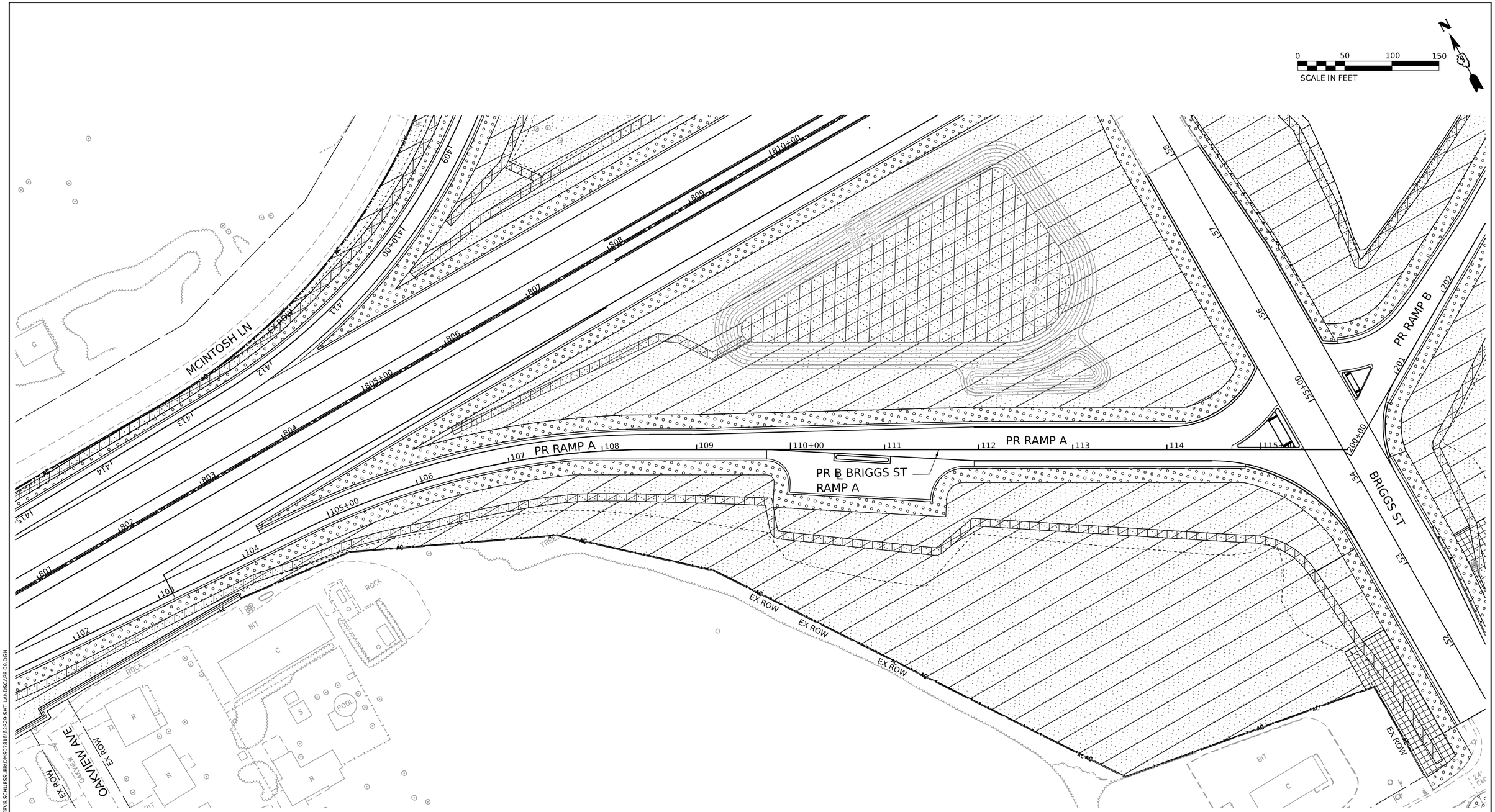

LANDSCAPE LEGEND

SEEDING, CLASS 1B
TEMPORARY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 2A
TEMPORARY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 3
TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 4
TOPSOIL, 4"
COARSE SAND PLACEMENT, 4"
TEMPORARY EROSION CONTROL BLANKET
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SODDING, SALT TOLERANT
SUPPLEMENTAL WATERING
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 4B
DITCH BOTTOM: TOPSOIL, 4"
COARSE SAND PLACEMENT, 2"
DETENTION BASIN: TOPSOIL, 12"
FUR PLAC SAND FILL (12")
EROSION CONTROL BLANKET
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

USER NAME = SSCHUESSLER	DESIGNED -	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET RAMP A
LANDSCAPE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	453
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

MODEL: PR_BRIGGS_RAMP_A - PLAN 1
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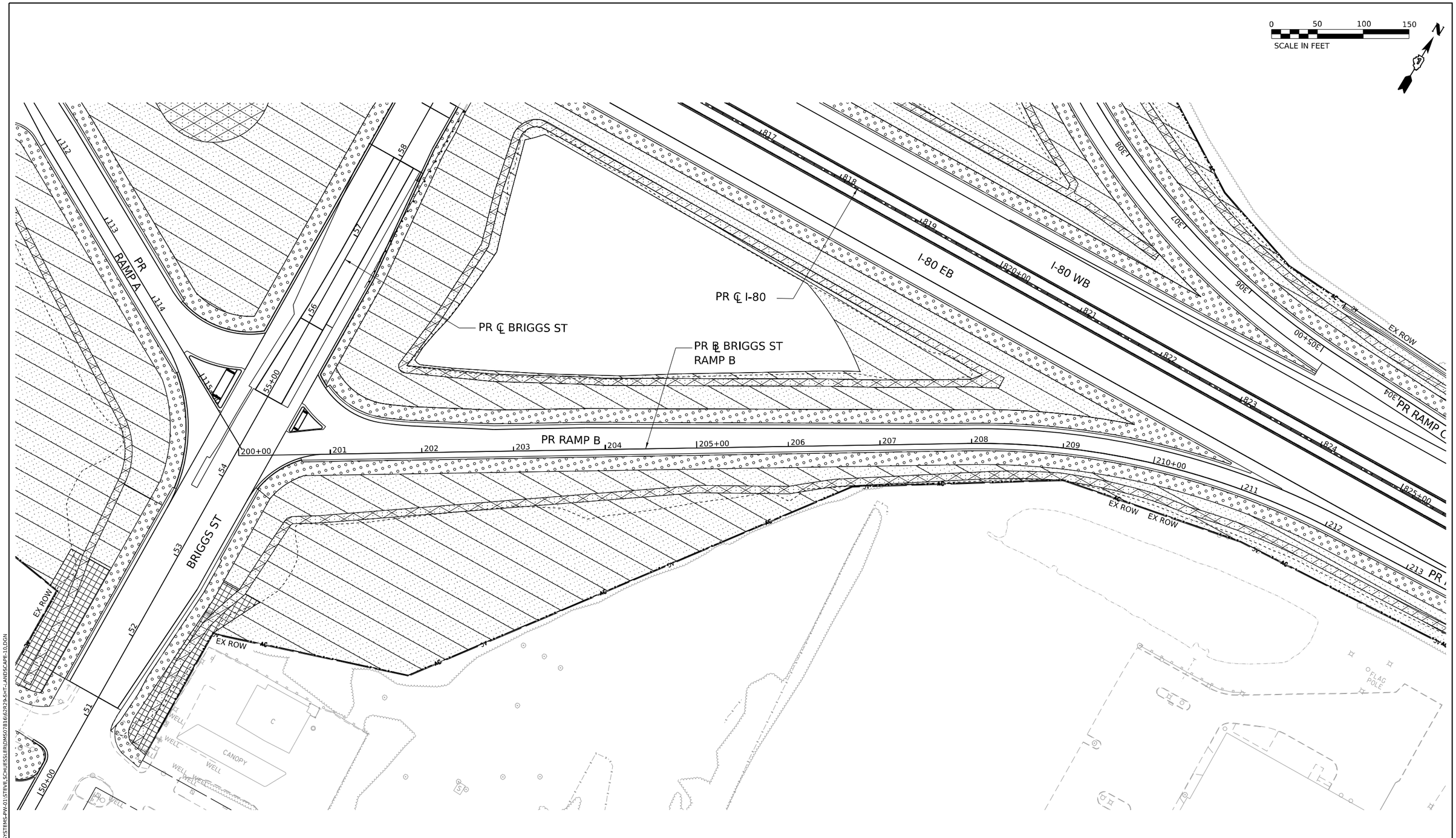

LANDSCAPE LEGEND

SEEDING, CLASS 1B
TEMPORARY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 2A
TEMPORARY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 3
TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 4
TOPSOIL, 4"
COARSE SAND PLACEMENT, 4"
TEMPORARY EROSION CONTROL BLANKET
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SODDING, SALT TOLERANT
SUPPLEMENTAL WATERING
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 4B
DITCH BOTTOM: TOPSOIL, 4"
COARSE SAND PLACEMENT, 2"
DETENTION BASIN: TOPSOIL, 12"
FUR PLAC SAND FILL (12")
EROSION CONTROL BLANKET
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

MODEL: PR_BRIGGS_RAMP_B - PLAN 1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-LANDSCAPE-10.DGN

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PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

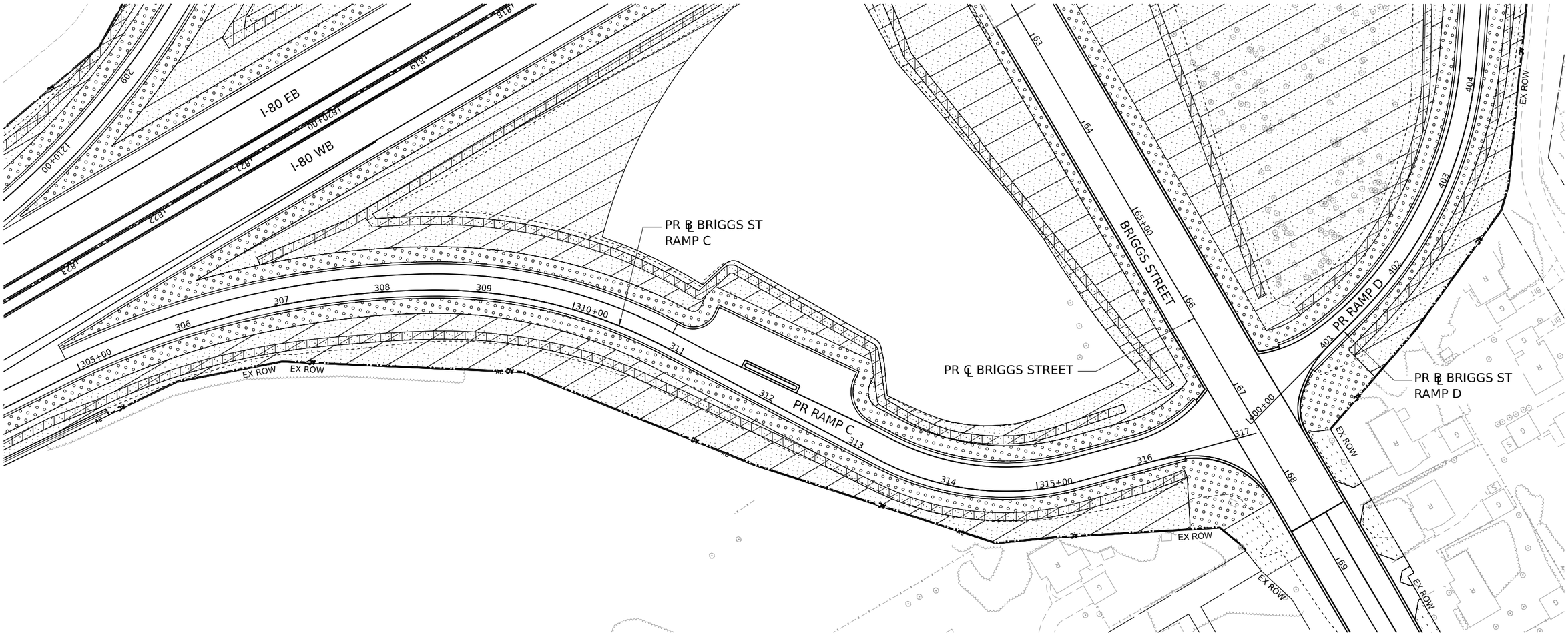
BRIGGS STREET RAMP B
LANDSCAPE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	454

CONTRACT NO. 62R29

ILLINOIS FED. AID PROJECT



LANDSCAPE LEGEND

SEEDING, CLASS 1B
TEMPORARY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 2A
TEMPORARY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 3
TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 4
TOPSOIL, 4"
COARSE SAND PLACEMENT, 4"
TEMPORARY EROSION CONTROL BLANKET
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SODDING, SALT TOLERANT
SUPPLEMENTAL WATERING
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 4B
DITCH BOTTOM: TOPSOIL, 4"
COARSE SAND PLACEMENT, 2"
DETENTION BASIN: TOPSOIL, 12"
FUR PLAC SAND FILL (12")
EROSION CONTROL BLANKET
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

MODEL: PR BRIGGS RAMP C - PLAN 6
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\D0507816\62R29-SHT-LANDSCAPE-12.DGN

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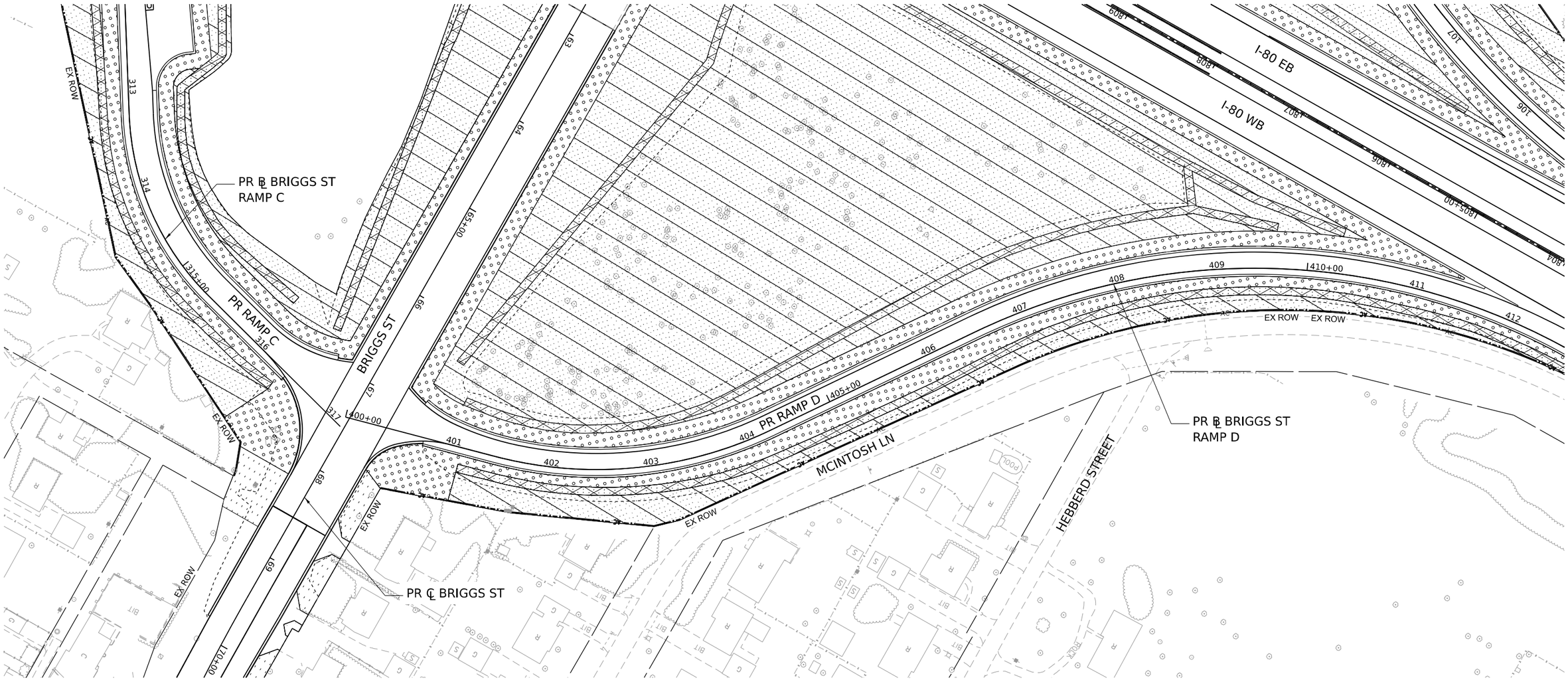
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SMS	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET RAMP C
LANDSCAPE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	455
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	



LANDSCAPE LEGEND

- SEEDING, CLASS 1B
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 2A
  TEMPORARY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 3
  TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
  TOPSOIL, 4"
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4
  TOPSOIL, 4"
  COARSE SAND PLACEMENT, 4"
  TEMPORARY EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- SODDING, SALT TOLERANT
  SUPPLEMENTAL WATERING
  NITROGEN FERTILIZER NUTRIENT
  POTASSIUM FERTILIZER NUTRIENT
- SEEDING, CLASS 4B
  DITCH BOTTOM: TOPSOIL, 4"
  COARSE SAND PLACEMENT, 2"
  DETENTION BASIN: TOPSOIL, 12"
  FUR PLAC SAND FILL (12")
  EROSION CONTROL BLANKET
  NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

MODEL: PR BRIGGS RAMP D - PLAN 8
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-LANDSCAPE-13.DGN

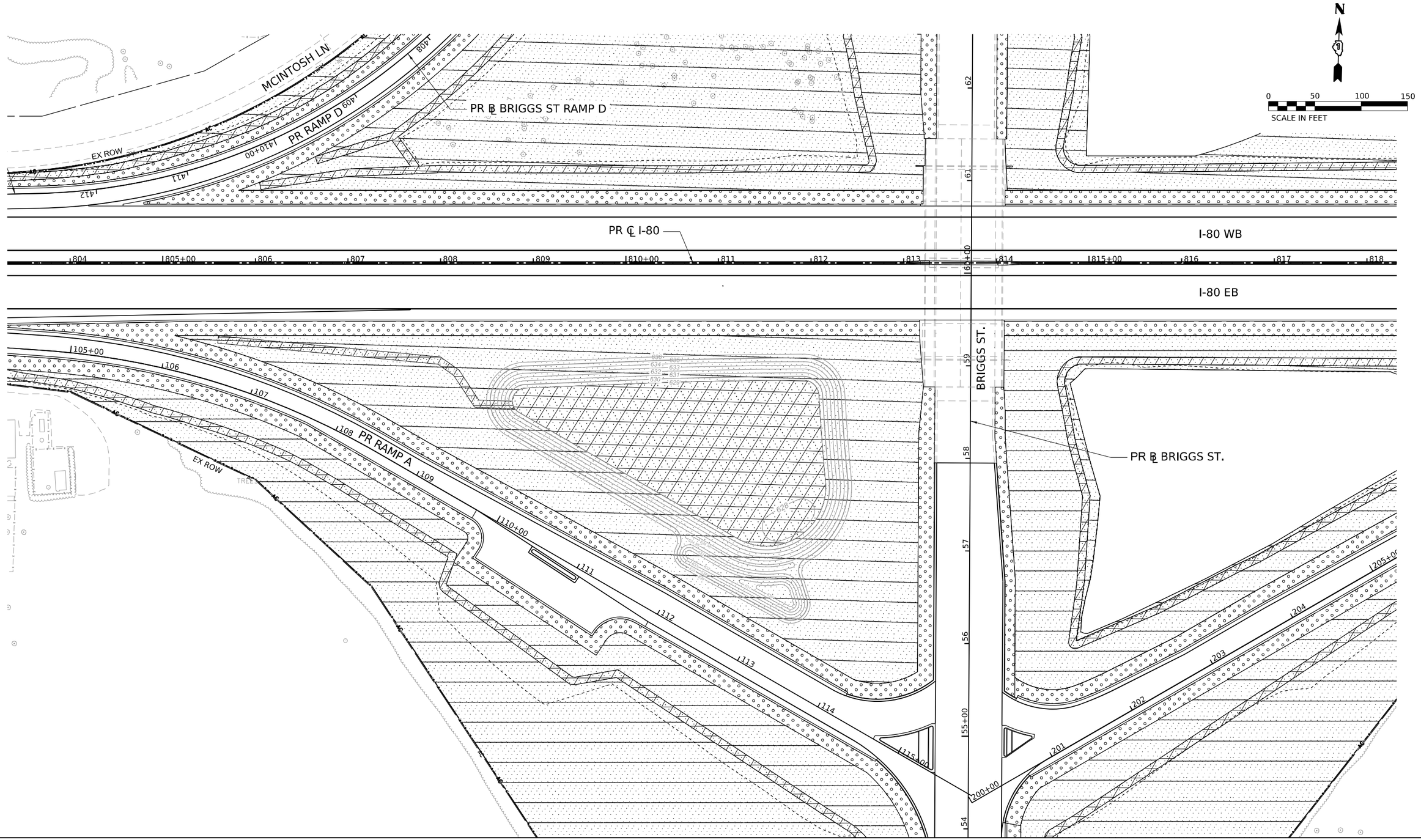
USER NAME = SSCHUESSLER	DESIGNED - SMS	REVISED -	
	DRAWN - SVJ	REVISED -	
PLOT SCALE = 0.16666667 ' / IN.	CHECKED - SCW	REVISED -	
PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET RAMP D
LANDSCAPE PLAN

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	456
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



LANDSCAPE LEGEND

SEEDING, CLASS 1B
TEMPORARY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 2A
TEMPORARY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 3
TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
TOPSOIL, 4"
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 4
TOPSOIL, 4"
COARSE SAND PLACEMENT, 4"
TEMPORARY EROSION CONTROL BLANKET
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

SODDING, SALT TOLERANT
SUPPLEMENTAL WATERING
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT

SEEDING, CLASS 4B
DITCH BOTTOM: TOPSOIL, 4"
COARSE SAND PLACEMENT, 2"
DETENTION BASIN: TOPSOIL, 12"
FUR PLAC SAND FILL (12")
EROSION CONTROL BLANKET
NITROGEN AND POTASSIUM FERTILIZER NUTRIENT

MODEL: PR_I80 - PR I80_MI_4
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\STEVE.SCHUESSLER\DMS07816\62R29-SHT-LANDSCAPE-BASIN-01.DGN

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	DRAWN - SVJ	REVISED -	
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PLOT DATE = 7/28/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIGGS STREET DETENTION BASIN
LANDSCAPE PLAN

SCALE: 1"=50' | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	457

CONTRACT NO. 62R29

ILLINOIS | FED. AID PROJECT

DISTRICT 1 DETAILS (BUREAU OF ELECTRICAL DETAIL STANDARDS)

BE-206A	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL) RADIO SCADA - FIBER OPTIC PROVISION
BE-206B	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL) RADIO SCADA - FIBER OPTIC PROVISION
BE-206C	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL) RADIO SCADA - FIBER OPTIC PROVISION
BE-206D	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL) RADIO SCADA - FIBER OPTIC PROVISION
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE-240	COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC
BE-305	LIGHT POLE FOUNDATION, METAL
BE-322	24" (609.6 mm) DIA. LIGHT POLE FOUNDATION INTEGRAL WITH DOUBLE FACE BARRIER WALL
BE-400	ALUMINUM LIGHT POLE 47'-6" (14.478 m) MOUNTING HEIGHT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS
BE-703	J BOX EMBEDDED IN BARRIER WALL - INSTALLATION OF CONDUIT IN BRIDGE PARAPET EXPANSION JOINT - ELECTRIC CONNECTION TO UNDERPASS LIGHTING
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-801	TEMPORARY AERIAL CABLE INSTALLATION
BE-901	SUSPENDED MOUNT LED UNDERPASS LUMINAIRE INSTALLATION DETAILS

HIGHWAY STANDARD DETAILS

812001-01 RACEWAYS EMBEDED IN STRUCTURE

ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION
AMP	AMPERE
AWG	AMERICAN WIRE GAUGE
BC	BOLT CIRCLE
C	CONDUIT
DIA	DIAMETER
FBC	FRONT OF BARRIER CURB
GRD/GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
HPS	HIGH PRESSURE SODIUM
JB	JUNCTION BOX
LED	LIGHT-EMITTING DIODE
MA	MAST ARM
MH	MOUNTING HEIGHT
N	NEUTRAL
PH	PHASE
PVC	POLYVINYL CHLORIDE
PVCC	PVC COATED RIGID GALVANIZED STEEL
RGS	RIGID GALVANIZED STEEL
UNO	UNLESS NOTES OTHERWISE
USE	UNDERGROUND SERVICE ENTRANCE
W	WATTS
XLP	CROSS-LINKED POLYETHYLENE

LIGHTING GENERAL NOTES

1. PRIOR TO ANY WORK IN FIELD, THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION OF EXISTING CONDUITS, CABLE AND UNDERGROUND UTILITIES. COORDINATE LOCATIONS WITH IDOT MAINTENANCE.
2. CONTRACTOR MAY ADJUST POLE LOCATIONS ALONG THE MAINLINE AND ALONG ENTRANCE AND EXIT RAMPS UP TO 10' IN EITHER DIRECTION PARALLEL TO THE ROADWAY, IN ORDER TO ADJUST FOR FIELD CONDITIONS.
3. THE ELECTRIC SERVICE SHALL BE SINGLE PHASE, 3 WIRE 240/480V. UTILITY CONNECTION CABLE, MAIN BREAKER, AND ALL OTHER SERVICE APPURTENANCES SHALL BE APPROPRIATELY RATED AND INCLUDED.
4. ALL ELECTRICAL SYSTEMS, EQUIPMENT AND APPURTENANCES SHALL BE PROPERLY GROUNDED IN STRICT CONFORMANCE WITH NATIONAL ELECTRICAL CODE EVEN THOUGH EVERY DETAIL OF REQUIREMENTS IS NOT SPECIFIED OR SHOWN.
5. ALL UNDERGROUND WIRING SHALL BE 30 INCHES MINIMUM BELOW GRADE.
6. ALL LIGHT POLES EXCEPT POLES MOUNTED ON CONCRETE BARRIER WALL/BRIDGE PARAPET WALL/ABUTMENT WALL/RETAINING WALL, SHALL HAVE AASHTO APPROVED FRANGIBLE TYPE BREAKAWAY TRANSFORMER BASE.
7. ALL SPLICING MUST BE IN POLE BASES OR JUNCTION BOXES ABOVE GRADE WITH WATERPROOF SEALANT AND HEAT SHRINKABLE PLASTIC CAPS.
8. LIGHT POLES INSTALLED BEHIND GUARDRAIL OR BARRIER WALL SHOULD HAVE AT LEAST 5 FEET SETBACK FROM THE BACK OF GUARDRAIL OR WALL OR AS OTHERWISE DIRECTED BY THE ENGINEER.
9. PROPOSED MEDIAN LIGHTING BETWEEN STA 840+00 AND STA 935+00 SHALL BE CONSTRUCTED AND OPERATIONAL PRIOR TO IMPLEMENTING THE STAGE 1C TRAFFIC CONFIGURATION. SEE MAINTENANCE OF TRAFFIC PLANS FOR STAGING DETAILS.
10. LIGHT POLE SETBACKS ARE MEASURED AS FOLLOWS:
    - IF NO CURB IS PRESENT, SETBACK SHALL BE MEASURED FROM THE EDGE OF PAVEMENT TO THE CENTER OF THE POLE.
    - IF A CURB IS PRESENT, SETBACK SHALL BE MEASURED FROM THE FACE OF CURB TO THE CENTER OF THE POLE.
    - FOR TEMPORARY LIGHTING, SETBACK SHOULD BE MEASURED FROM EDGE OF SHOULDER WHEN USED AS A TRAVEL LANE.
11. FOR TEMPORARY CONFIGURATION OF RAMP C, TEMPORARY POLES SHALL BE INSTALLED AFTER TEMPORARY BARRIER IS IN PLACE.

PROPOSED LIGHTING GENERAL NOTES

1. SEE CONTRACT 62R55 LIGHTING PLANS FOR PRIOR INSTALLATION OF DECK INSERTS FOR BRIGGS STREET UNDER DECK LIGHTING. SEE CONTRACT 62R55 LIGHTING PLANS FOR PRIOR INSTALLATION OF JUNCTION BOXES, EMBEDDED CONDUIT, AND ANCHOR RODS FOR BRIGGS STREET LIGHTING.

TEMPORARY LIGHTING GENERAL NOTES

1. THE LAYOUT OF THE TEMPORARY EQUIPMENT WILL VARY BASED ON FIELD CONDITIONS, STAGING, UTILITY IMPACTS, AND THE ELECTRIC SERVICE LOCATION AS COORDINATED WITH THE ELECTRIC UTILITY COMPANY. THE CONTRACTOR SHALL SUBMIT A PLAN INDICATING THE SETTING OF POLES. THIS PLAN MUST BE APPROVED BY THE ENGINEER BEFORE ANY POLES ARE PLACED; APPROVAL DOESN'T RELIVE CONTRACTOR OF RESPONSIBILITY FOR CONFLICTS.
2. THE TEMPORARY LIGHT POLE SETBACK FROM THE NEAREST EDGE OF TRAVELED PAVEMENT ON RAMPS, DURING ANY GIVEN MOT STAGE, SHALL BE 18 FT MINIMUM OR OUTSIDE OF CLEAR ZONE, WHICHEVER IS GREATER. UNLESS INSTALLED BEHIND A BARRICADE. ALONG MAINLINE, INCLUDING GORE AREAS, THE MINIMUM SETBACK FROM THE NEAREST EDGE OF TRAVELED PAVEMENT DURING ANY GIVEN MOT STAGE SHALL BE 35' MINIMUM OR OUTSIDE OF CLEAR ZONE, WHICHEVER IS GREATER.
3. UNLESS NOTED OTHERWISE UNDERGROUND CONDUCTORS FOR TEMPORARY WORK SHALL BE 3-1/C#2, 1-1/C#4 GND; XLP-TYPE USE, COPPER; TEMPORARY OVERHEAD CONDUCTORS SHALL BE 3-1/C#2 AL WITH MESSENGER WIRE.
4. THE CONTRACTOR SHALL INSTALL TEMPORARY LIGHTING UNITS ON BRIGGS STREET RAMPS IN THE PRESTAGE AND MAKE OPERATIONAL BEFORE THE START OF STAGE 1. TEMPORARY LIGHTING MUST BE FULLY OPERATIONABLE BEFORE THE EXISTING LIGHTING ON BRIGGS STREET RAMPS MAY BE REMOVED. FROM THE END OF STAGE 1B UNTIL THE TEMPORARY POLES CAN BE REMOVED, TEMPORARY LIGHTING ALONG BRIGGS STREET RAMPS MUST REMAIN POWERED OFF THE EXISTING CONTROLLER 'P' WHILE PROPOSED MEDIAN LIGHTING IS POWERED OFF THE NEW CONTROLLER 'P'.
5. EVERY THIRD TEMPORARY LIGHTING POLE SHALL BE FURNISHED WITH A GROUND ROD CONNECTION. THIS GROUND ROD IS NOT SHOWN IN PLAN. 5/8" X 10' COPPER CLAD STEEL GROUND ROD, #2 BARE TINNED COPPER DOWN CONDUCTOR, CABLE GUARD TO 10' ABOVE GRADE ARE INCLUDED IN THE TEMPORARY LIGHTING WOOD POLE PAY ITEM.
6. IN ACCORDANCE WITH NEC 225.18 AERIAL CONDUCTOR TO MAINTAIN 18' MIN. CLEARANCE ABOVE ROAD SURFACE AT ALL TIMES.

COMED SERVICE INFORMATION

COMED SERVICE REP:
MARICELA PARAMO
779-231-0551
MARICELA.PARAMO@COMED.COM

CONTROLLER INFORMATION:

CONTROLLER 'P' - L0730
ACCOUNT NUMBER - 68071-20043
METER NUMBER - 230-101-139
SUPPLY VOLTAGE - 240/480V

CONTROLLER 'O' - L0729
ACCOUNT NUMBER - TO BE PROVIDED BY COMED
METER NUMBER - TO BE PROVIDED BY COMED
SUPPLY VOLTAGE - 240/480V

IDOT LEGEND

PROPOSED LIGHTING UNIT 47.5 FT MH ALUMINUM POLE, 15 FT MAST ARM, LED, TYPE G, IES TYPE III, 240VOLT, ON NEW SCREW METAL FOUNDATION

B — PROPOSED LIGHTING UNIT 47.5 FT MH ALUMINUM POLE, 6 FT MAST ARM, LED, TYPE G, IES TYPE III, 240VOLT, MOUNTED ON PARAPET WALL

PROPOSED LIGHTING UNIT 47.5 FT MH ALUMINUM POLE, 2-6 FT MAST ARM, LED, TYPE I, IES TYPE III, 240VOLT, ON MEDIAN BARRIER WALL

UNDERPASS LED LUMINAIRE: SUSPENDED CEILING MOUNT, TYPE AS SHOWN ON PLANS

T — TEMPORARY LIGHTING UNIT 60 FT WOOD POLE, 15 FT MAST ARM, LED, TYPE G, IES TYPE III, 240VOLT

HM — TEMPORARY LIGHTING UNIT, 90 FT WOOD POLE, 15 FT MAST ARM, 75' MH, TEMPORARY LED HIGHMAST LUMINAIRE

TEMPORARY LIGHTING UNIT COMBINATION ON TEMPORARY SIGNAL POLE 15 FT MAST ARM, LED, TYPE G, IES TYPE III, 240VOLT

GROUND ROD

PROPOSED IDOT LIGHTING CONTROLLER, AND FOUNDATION, RADIO CONTROL DUPLEX CONSOLE TYPE WITH SCADA, AND NEW 240/480V, 1PH, 3 WIRE SERVICE

EXISTING LIGHTING CONTROLLER RADIO CONTROL DUPLEX CONSOLE TYPE WITH SCADA 240/480V, 1PH, 3 WIRE

R — EXISTING LIGHT UNIT TO BE REMOVED

R — EXISTING COMBO LIGHTING UNIT TO BE REMOVED

J JB0 — JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"

J JB1 — JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"

J JB2 — JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"

J JB3 — JUNCTION BOX EMBEDDED IN STRUCTURE 18" X 8" X 8"

P — JUNCTION BOX, NONMETALLIC, EMBEDDED IN STRUCTURE 20" X 13" X 12"

E — EXISTING DUAL ARM LIGHT POLE (TO BE INSTALLED BY OTHER CONTRACT)

E — EXISTING SINGLE ARM LIGHTING UNIT TO REMAIN IN PLACE

IDOT LEGEND CONT'D

4" DIA SCH-80 — 4" RIGID PVC SCH 80 CONDUIT SLEEVE, INSTALLED BELOW PAVEMENT

UNIT DUCT, 1 1/2" DIA POLYETHYLENE, SCH-40 600V, 3-1/C #2 & 1/C #4 GROUND (XLP-TYPE USE), (UNLESS NOTED OTHERWISE)

4" DIA PVC CONDUIT EMBEDDED IN BARRIER WALL, CONTAINING 3-1/C#2, 1-1/C#4G, UNO

A/C — AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE

4" DIA. DIRECTIONAL BORED CONDUIT CONTAINING 3-1/C#2, 1-1/C#4G, UNO

LIGHTING UNIT COMBINATION ON TRAFFIC SIGNAL POLE, 45 FT MH 15 FT MAST ARM, LED TYPE G, IES TYPE III, MVOLT

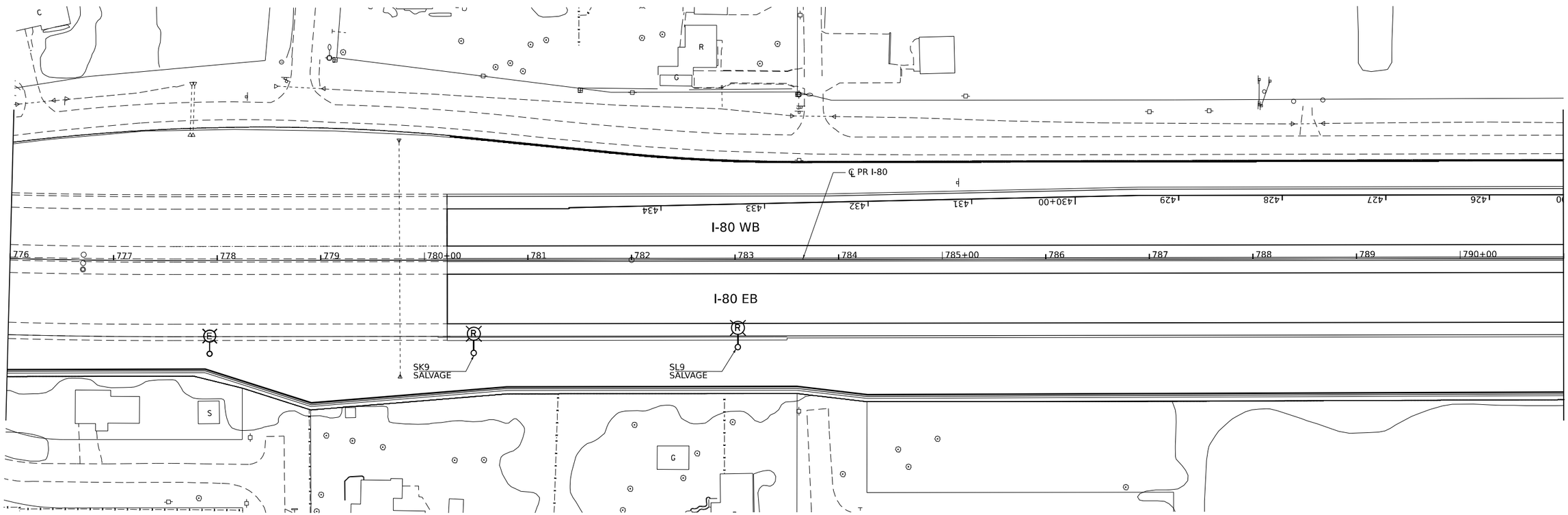
LIGHT POLE DESIGNATION

E A 1

- 1 — LIGHT POLE
- A — CIRCUITS DESIGNATION
- E — LIGHTING CONTROLLER DESIGNATION

IDOT LIGHTING BILL OF MATERIALS

PAY ITEM DESCRIPTION	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	2
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	0.3
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	732
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	200
CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	300
CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	234
CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	73
CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	16142
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	8
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	4
JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 20" X 13" X 12"	EACH	4
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	12635
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 1/C NO. 4	FOOT	19232
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 1/C 350MCM	FOOT	600
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 1/C NO. 2	FOOT	57696
AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	3754
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	59
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION I	EACH	122
LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION D	EACH	8
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA, FIBER OPTIC	EACH	2
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 6 FT. MAST ARM	EACH	2
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	52
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-6 FT. MAST ARMS	EACH	61
LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL	EACH	61
LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL, 24" DIAMETER	FOOT	549
LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10" X 8'	EACH	52
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	52
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	24
TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	7
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	18
COMBINATION LIGHTING CONTROLLER	EACH	2
TEMPORARY WOOD POLE, 60FT., CLASS 4, 15 FT MAST ARM	EACH	14
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	181
ELECTRIC CABLE IN CONDUIT, 600V, (XLP USE TYPE) 1/C NO. 10	FOOT	2710
REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	2
REMOVAL OF LUMINAIRE, SALVAGE	EACH	18
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2



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PLOT DATE = 7/27/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING REMOVAL PLAN
MAINLINE I–80

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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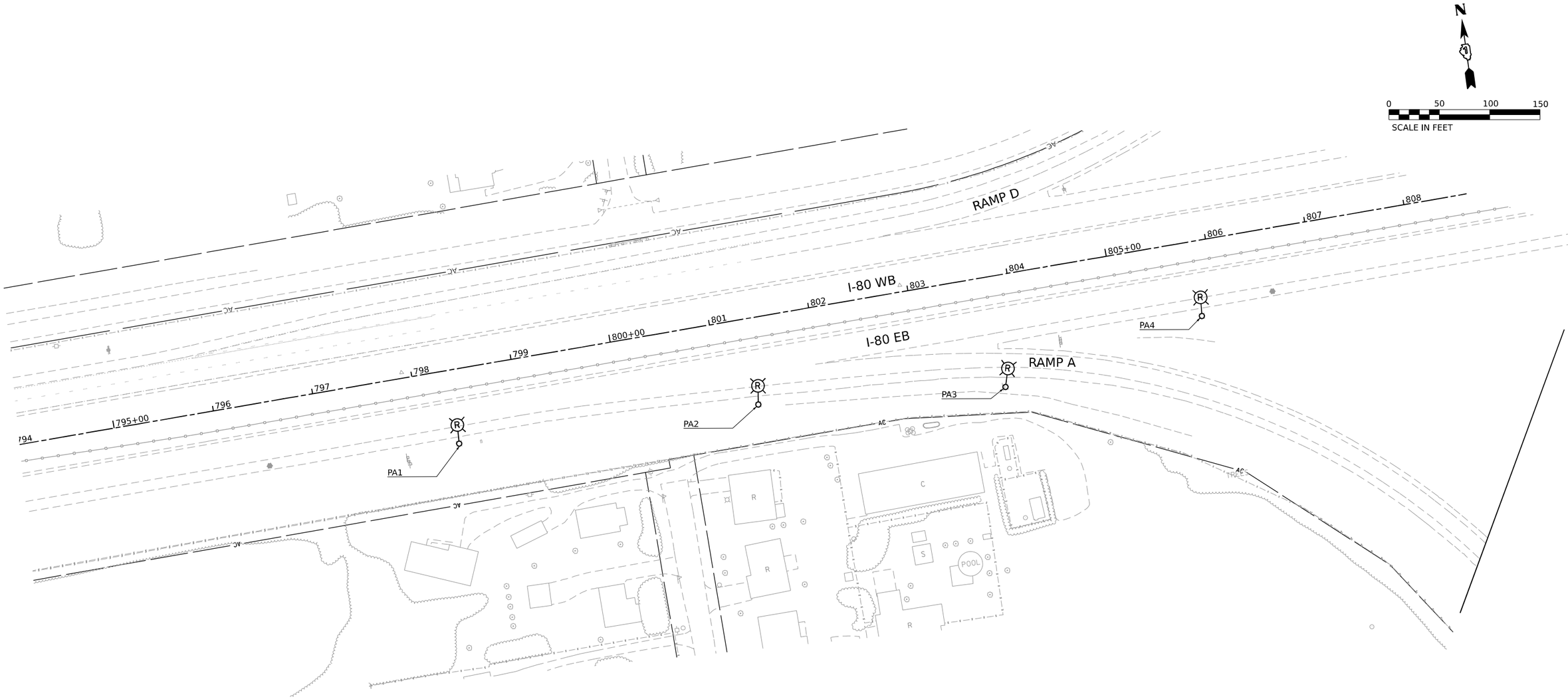
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



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PLOT DATE = 7/13/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING REMOVAL PLAN
BRIGGS STREET RAMPS (SHEET 1 OF 4)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	460
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

MODEL: PR_BRIGGS_RAMP_A • PLAN 1
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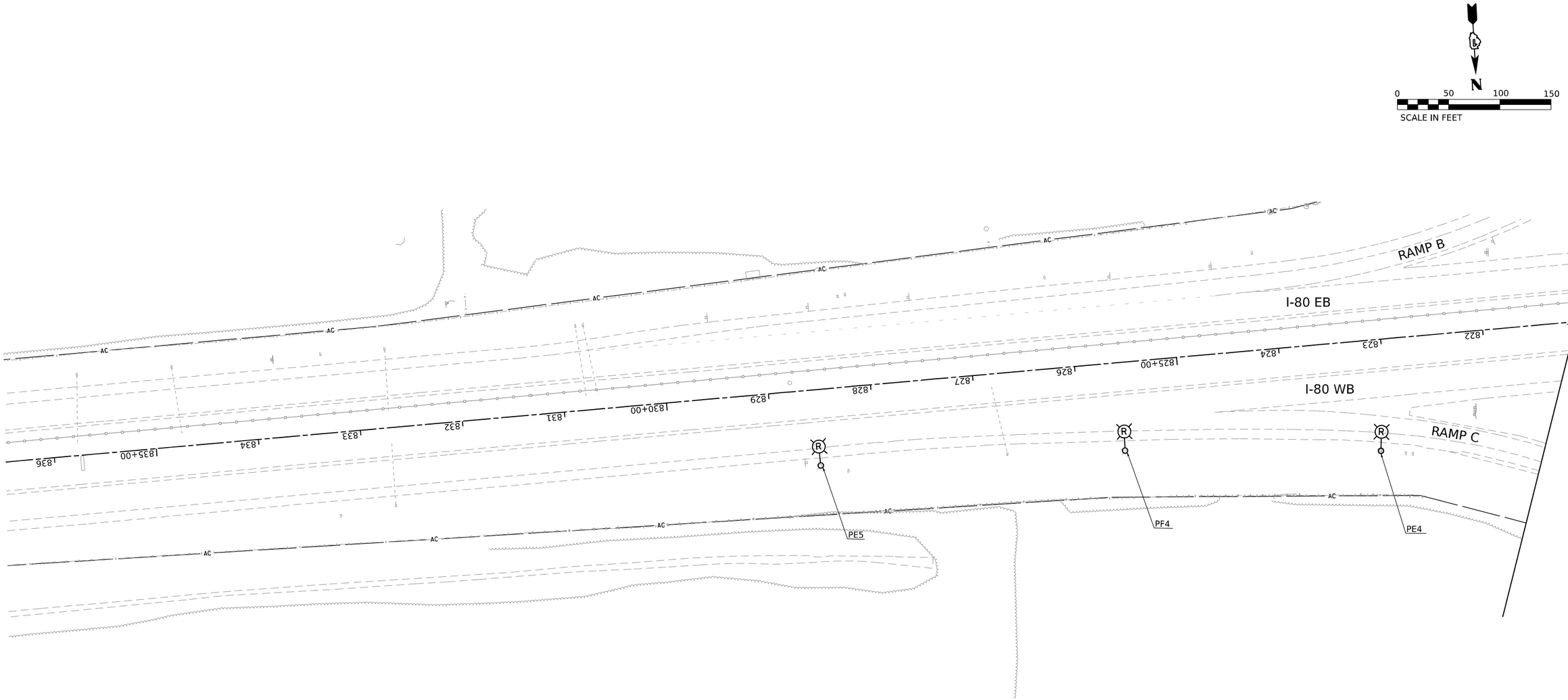

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING REMOVAL PLAN
BRIGGS STREET RAMPS (SHEET 3 OF 4)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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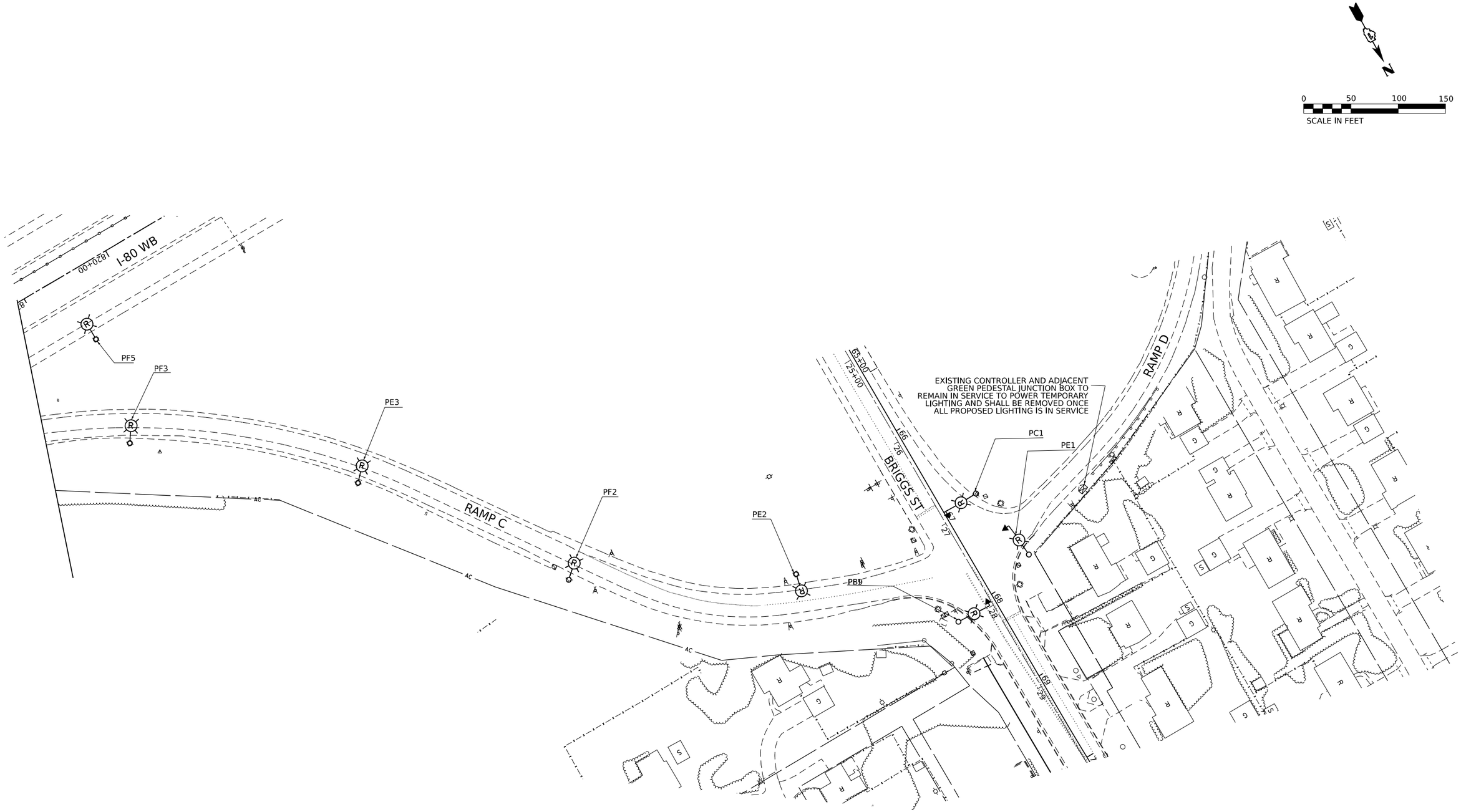
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



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PLOT DATE = 7/24/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

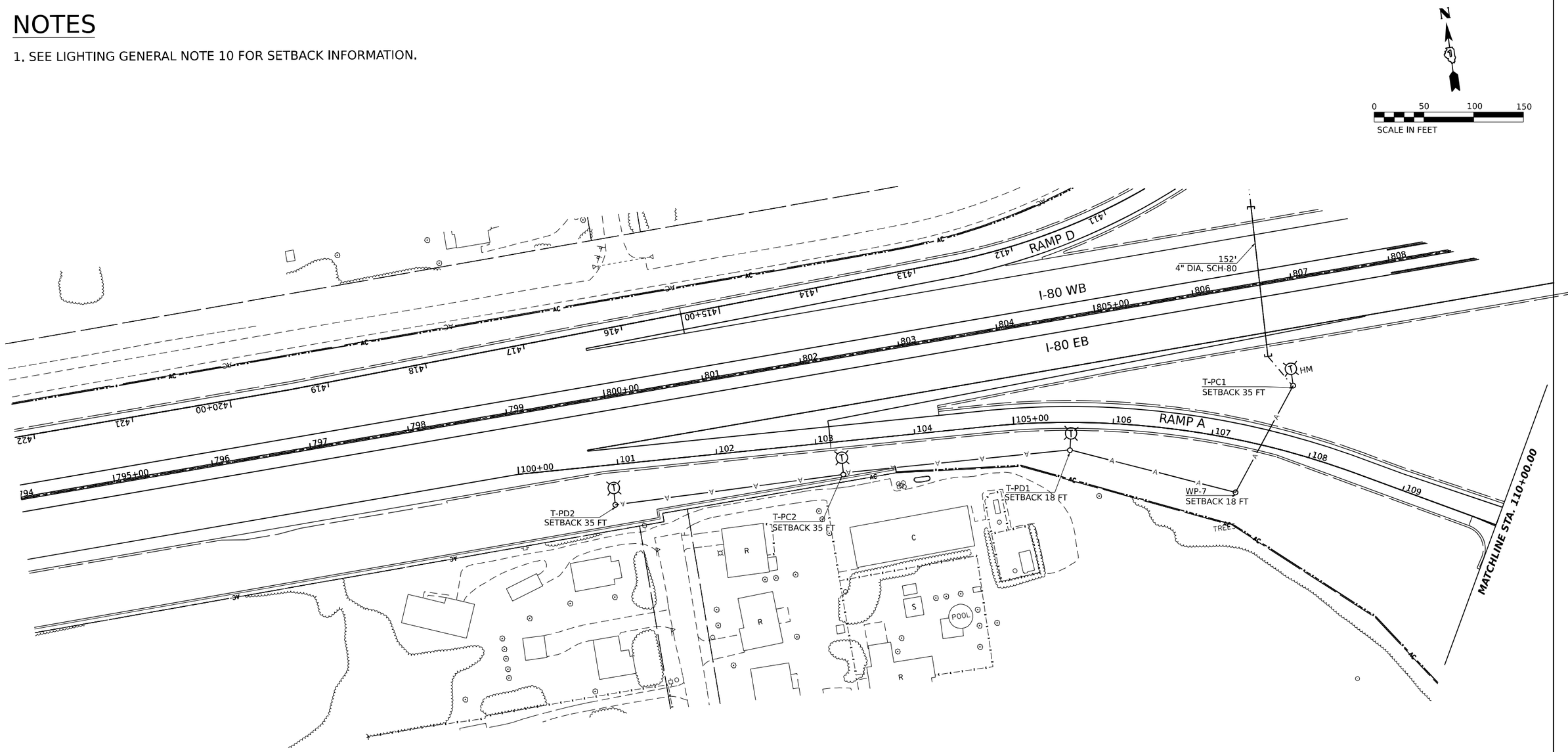
LIGHTING REMOVAL PLAN
BRIGGS STREET RAMPS (SHEET 4 OF 4)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	463
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

NOTES

1. SEE LIGHTING GENERAL NOTE 10 FOR SETBACK INFORMATION.



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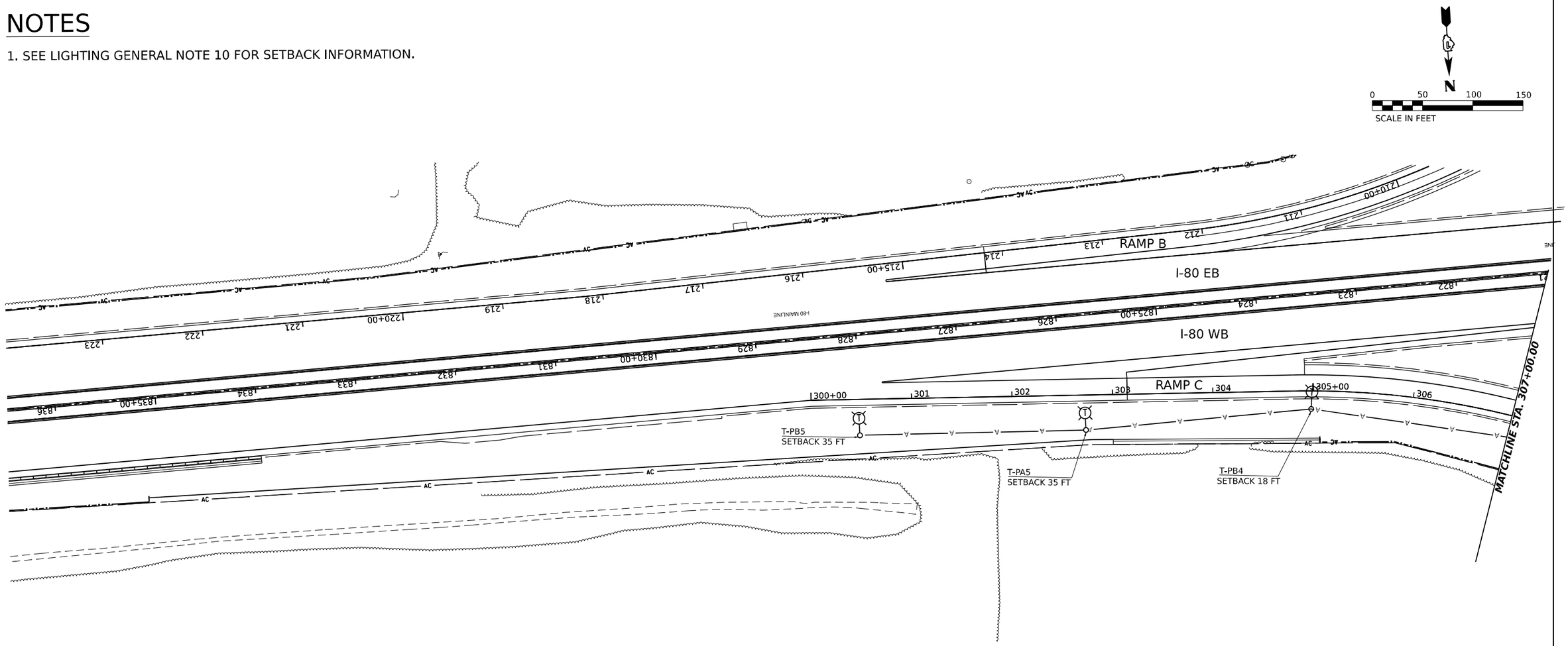
		DRAWN - AJS	REVISED -			80	FAI 80 21 STRUCTURE 8	WILL	899 / 464
	PLOT SCALE = 0.167 ' / IN.	CHECKED - MCD	REVISED -					CONTRACT NO. 62R29	
	PLOT DATE = 7/19/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

NOTES

1. SEE LIGHTING GENERAL NOTE 10 FOR SETBACK INFORMATION.



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		DRAWN - AJS	REVISED -			80	FAI 80 21 STRUCTURE 8	WILL	899	465
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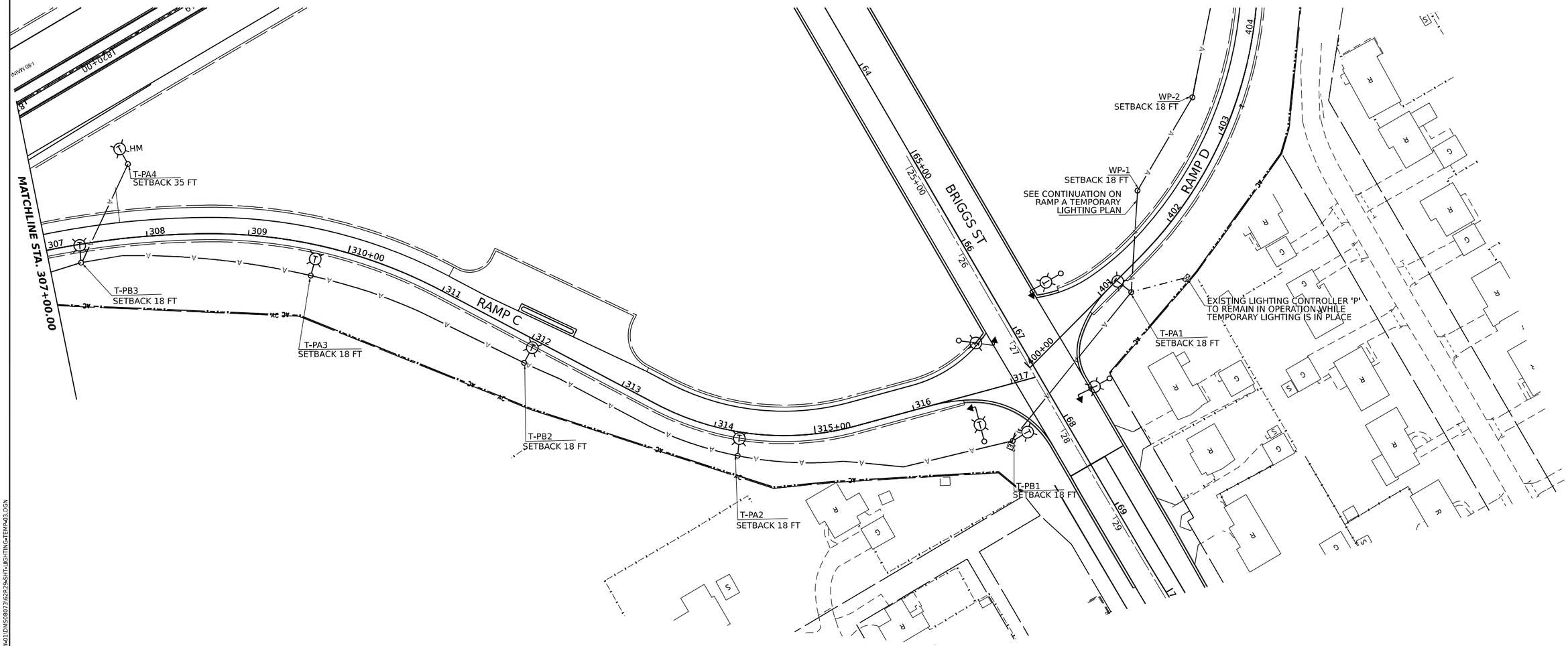
	PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

NOTES

1. SEE LIGHTING GENERAL NOTE 10 FOR SETBACK INFORMATION.



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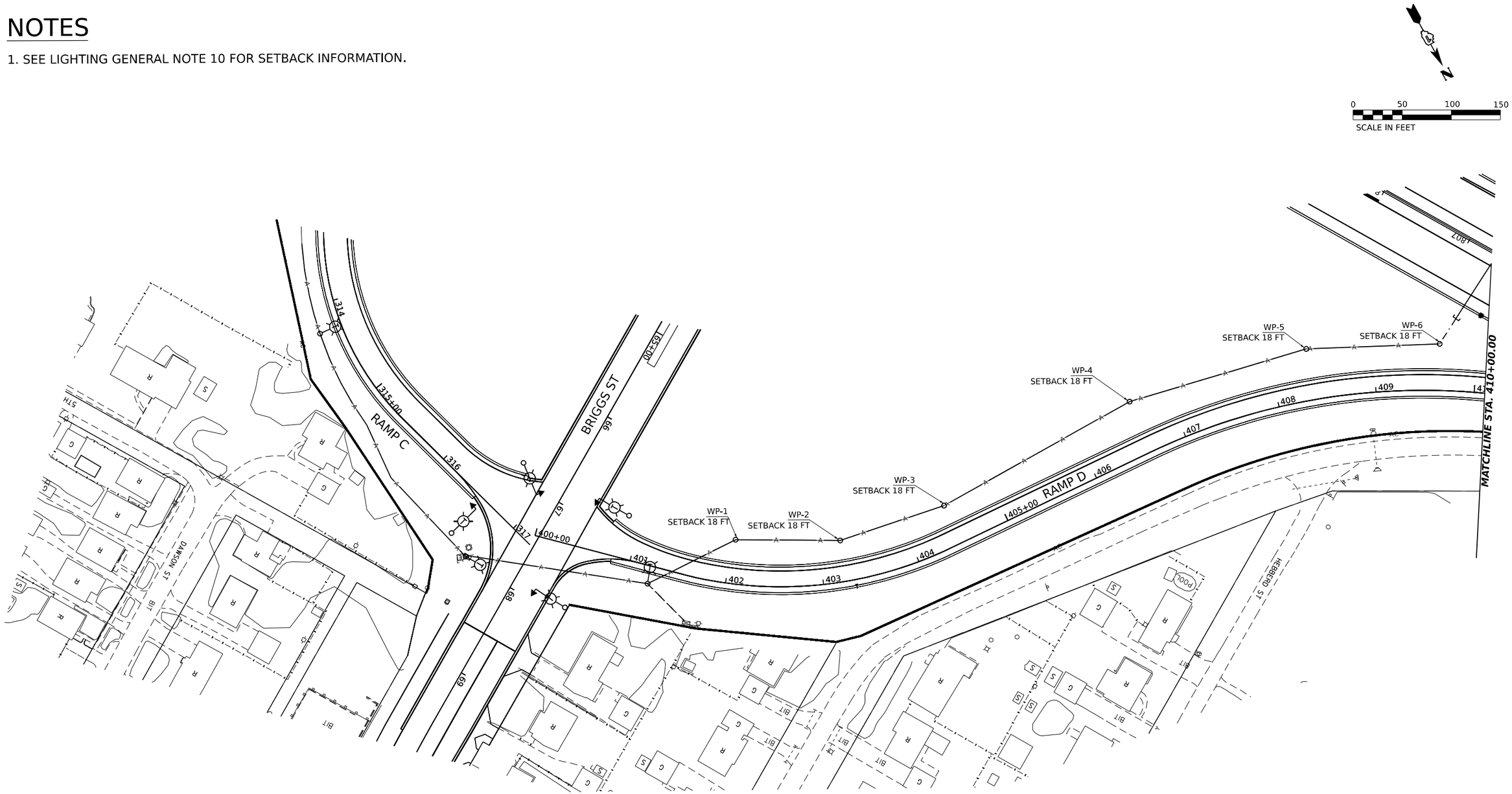
HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY LIGHTING PLAN BRIGGS STREET RAMPS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - AJS	REVISED -			80	FAI 80 21 STRUCTURE 8	WILL	899 / 466
	PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -					CONTRACT NO. 62R29	
	PLOT DATE = 7/24/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

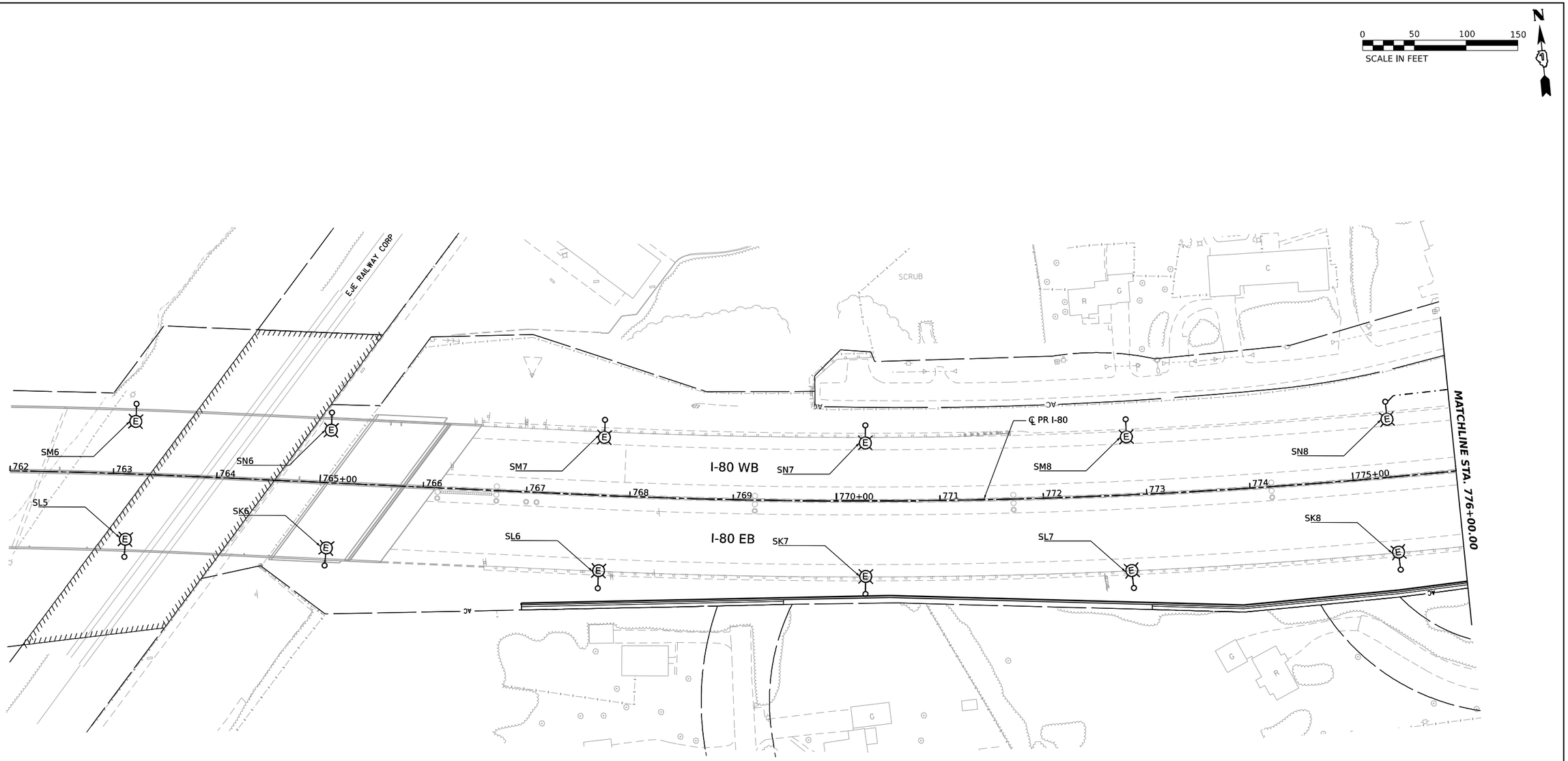
NOTES

1. SEE LIGHTING GENERAL NOTE 10 FOR SETBACK INFORMATION.



MODEL: PR BRIGGS RAMP C - PLAN 6
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\D0508073\62R29-SHT-LIGHTING-TEMP-04.DGN

HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY LIGHTING PLAN BRIGGS STREET RAMPS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - AJS	REVISED -			80	FAI 80 21 STRUCTURE 8	WILL	899	467
	PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -					CONTRACT NO. 62R29		
	PLOT DATE = 7/19/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		



MODEL: PR_I80 - PR I80_ML-1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\D0M50807\62R29-SHT-PR-LIGHTING-PLAN-01.DGN

HNTB

USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

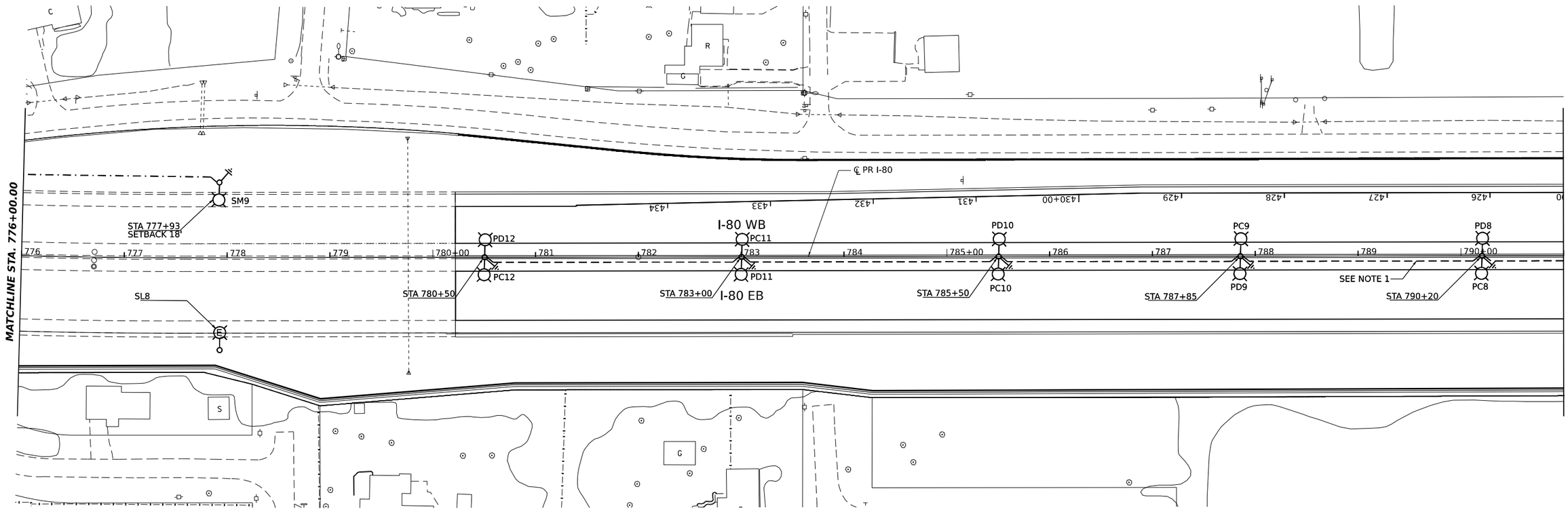
PROPOSED LIGHTING PLAN
I-80 (SHEET 1 OF 12)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	468
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

NOTES

1. 4"C PVC SCH-40 SHALL BE EMBEDDED IN MEDIAN BARRIER WITH 3#2 & 1#4 GROUND



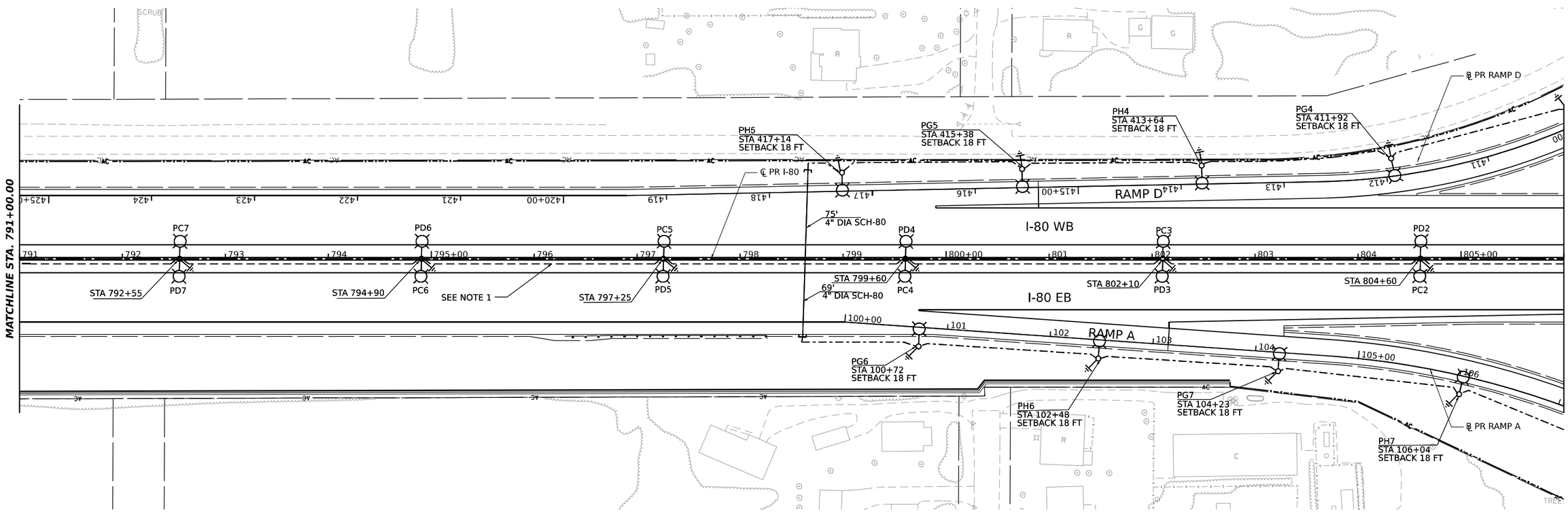
MODEL: PR_I80 - PR I80_ML-1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PWA01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-02.DGN

HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I–80 (SHEET 2 OF 12)
		DRAWN - AJS	REVISED -		
	PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -		
	PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	469
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

NOTES

1. 4"C PVC SCH-40 SHALL BE EMBEDDED IN MEDIAN BARRIER WITH 3#2 & 1#4 GROUND



MODEL: PR_I80 - PR I80_MI_-3
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-03.DGN

HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I–80 (SHEET 3 OF 12)
		DRAWN - AJS	REVISED -		
	PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -		
	PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -		

SCALE: SHEET OF SHEETS STA. TO STA.

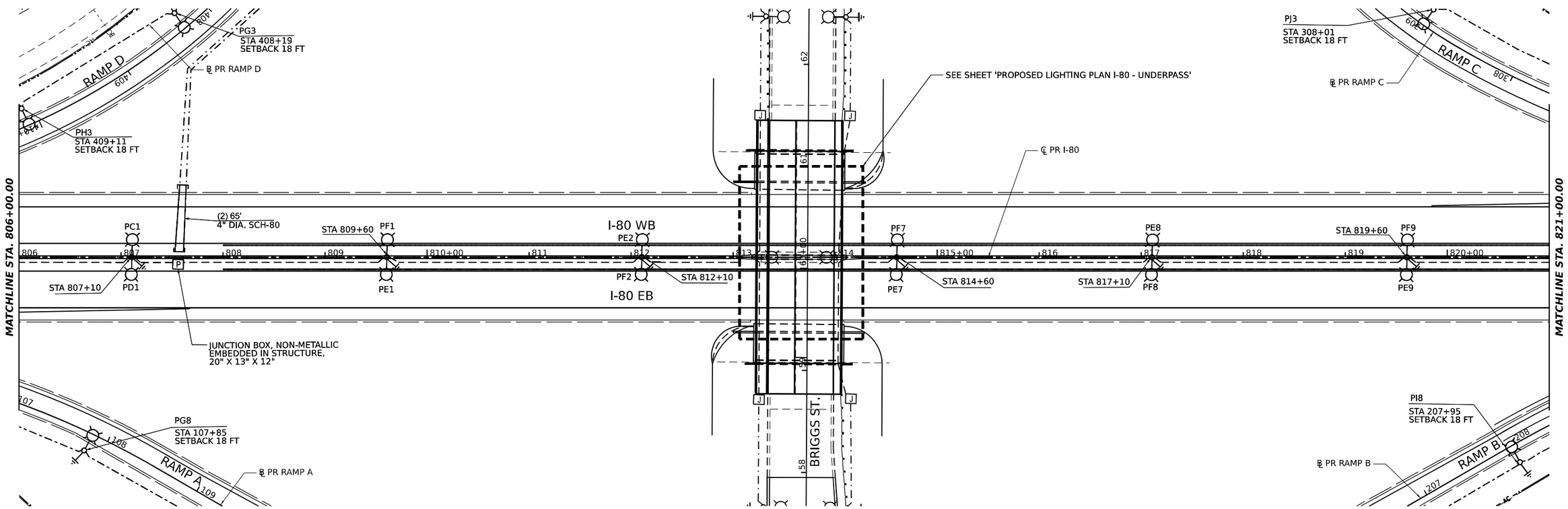
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	470
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

NOTES

1. 4"C PVC SCH-40 SHALL BE EMBEDDED IN MEDIAN BARRIER WITH 3#2 & 1#4 GROUND

0 50 100 150
SCALE IN FEET

N



MODEL: PR_I80 - PR I80_MU-3
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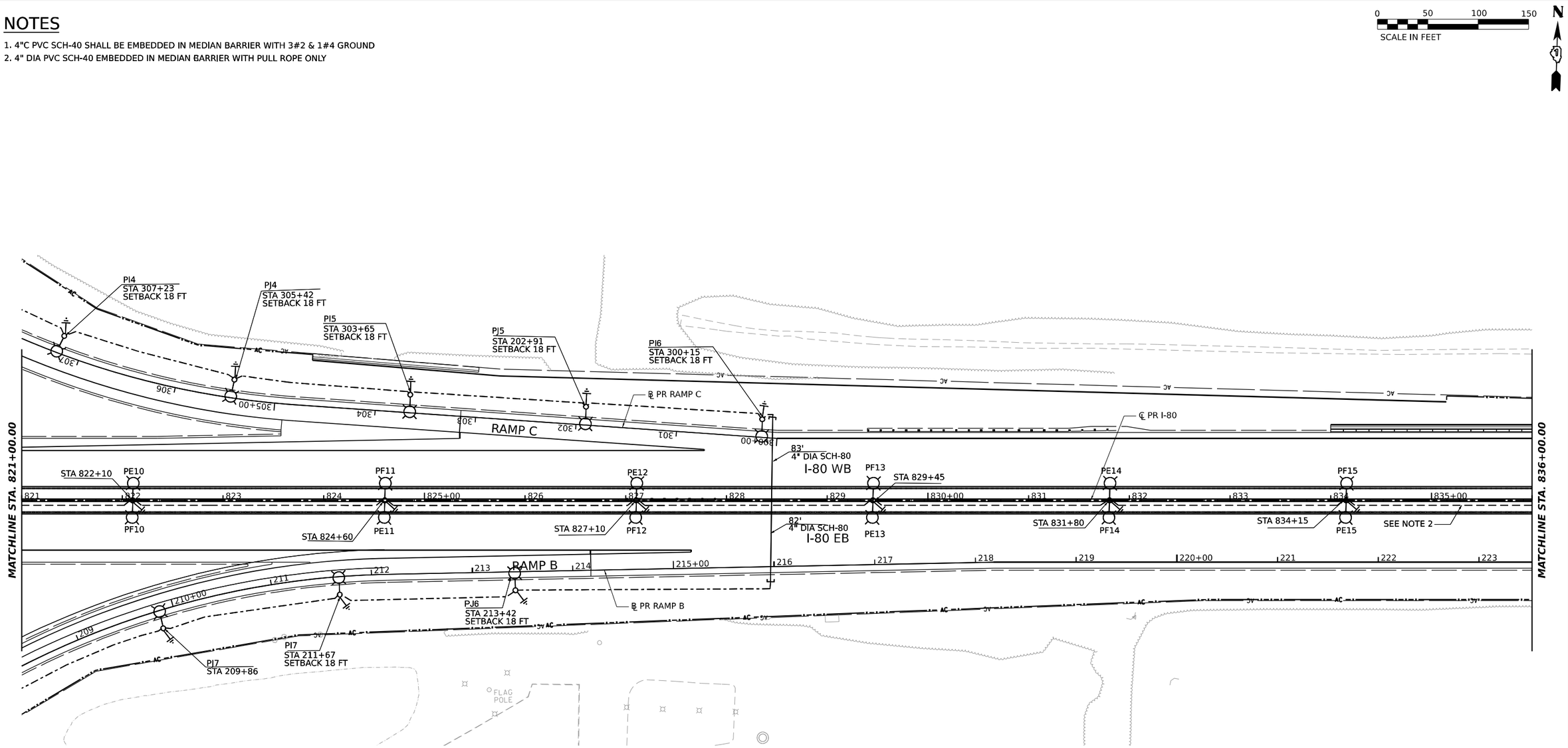
HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I–80 (SHEET 4 OF 12)
		DRAWN - AJS	REVISED -		
	PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -		
	PLOT DATE = 7/24/2023	DATE - 6/29/2023	REVISED -		

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	471
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

NOTES

1. 4"C PVC SCH-40 SHALL BE EMBEDDED IN MEDIAN BARRIER WITH 3#2 & 1#4 GROUND
2. 4" DIA PVC SCH-40 EMBEDDED IN MEDIAN BARRIER WITH PULL ROPE ONLY



USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

PROPOSED LIGHTING PLAN
I-80 (SHEET 5 OF 12)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	472

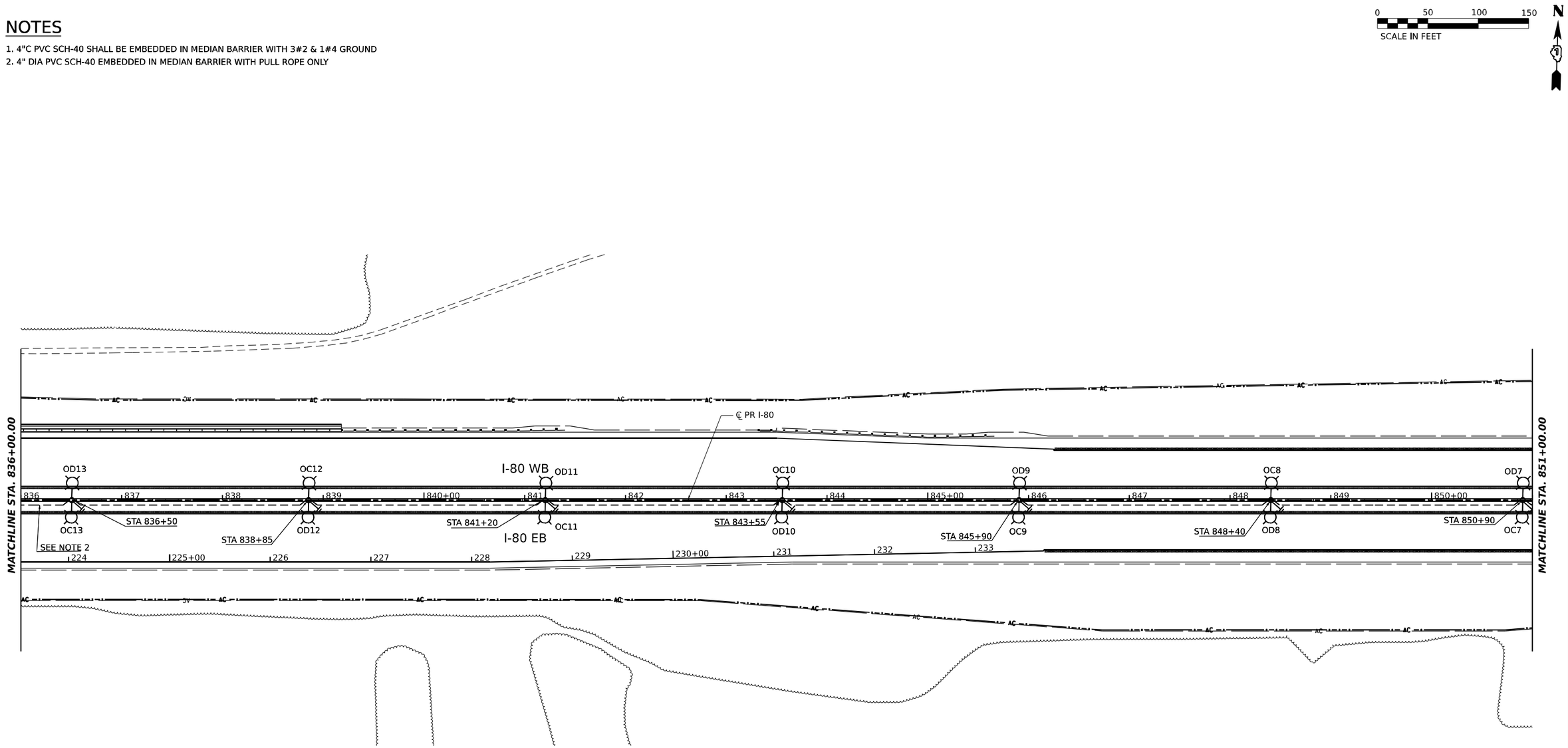
CONTRACT NO. 62R29

ILLINOIS FED. AID PROJECT

MODEL: PR_I80 - PR I80_ML-5
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR_-KGHTNG-PLAN-05.DGN

NOTES

1. 4"C PVC SCH-40 SHALL BE EMBEDDED IN MEDIAN BARRIER WITH 3#2 & 1#4 GROUND
2. 4" DIA PVC SCH-40 EMBEDDED IN MEDIAN BARRIER WITH PULL ROPE ONLY



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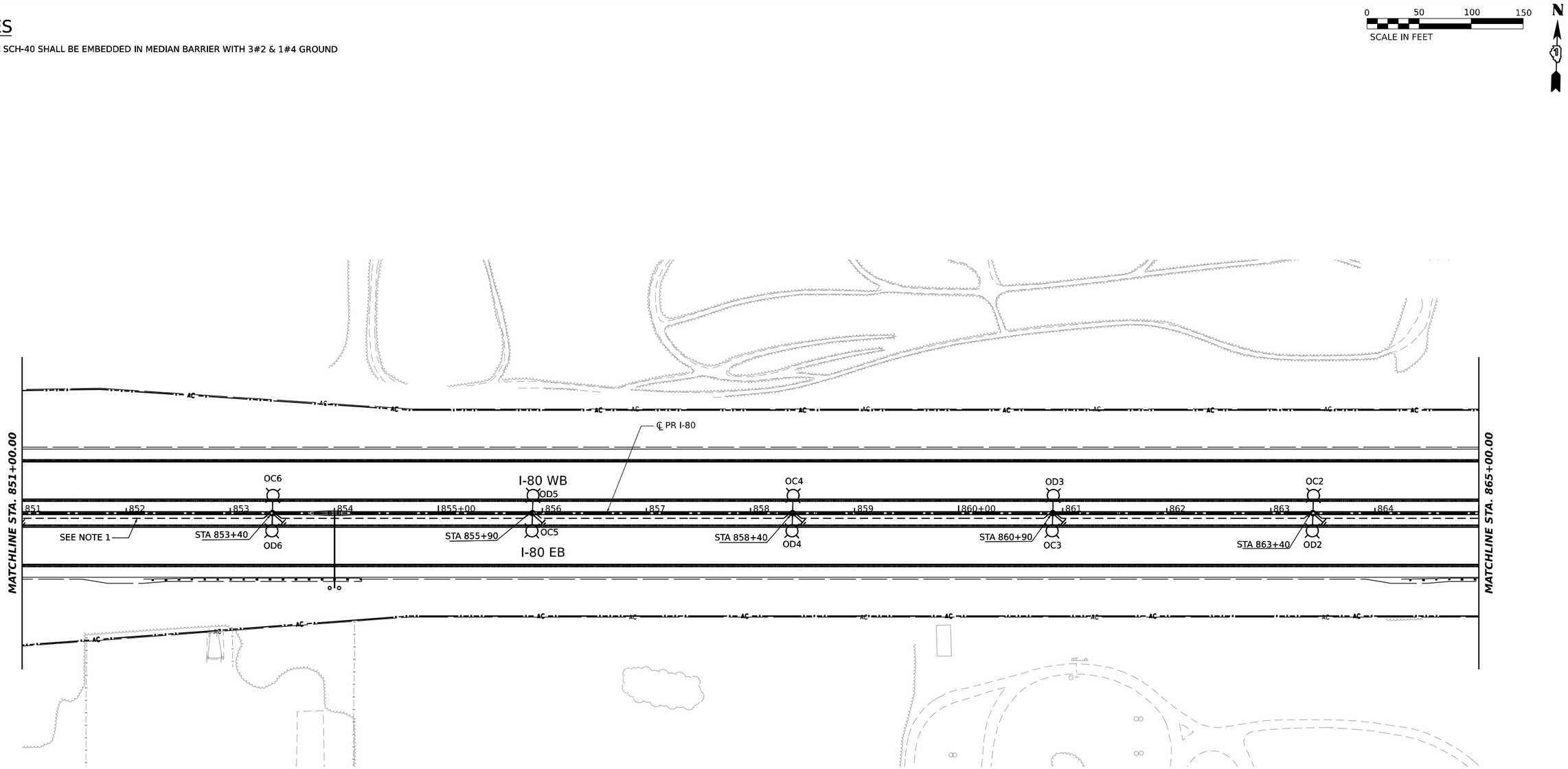
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW@11DMS08073\62R29-SHT-PR-LIGHTING-PLAN-06.DGN

HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I-80 (SHEET 6 OF 12)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - AJS	REVISED -			80	FAI 80 21 STRUCTURE 8	WILL	899 / 473
	PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -					CONTRACT NO. 62R29	
	PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

NOTES

1. 4"C PVC SCH-40 SHALL BE EMBEDDED IN MEDIAN BARRIER WITH 3#2 & 1#4 GROUND



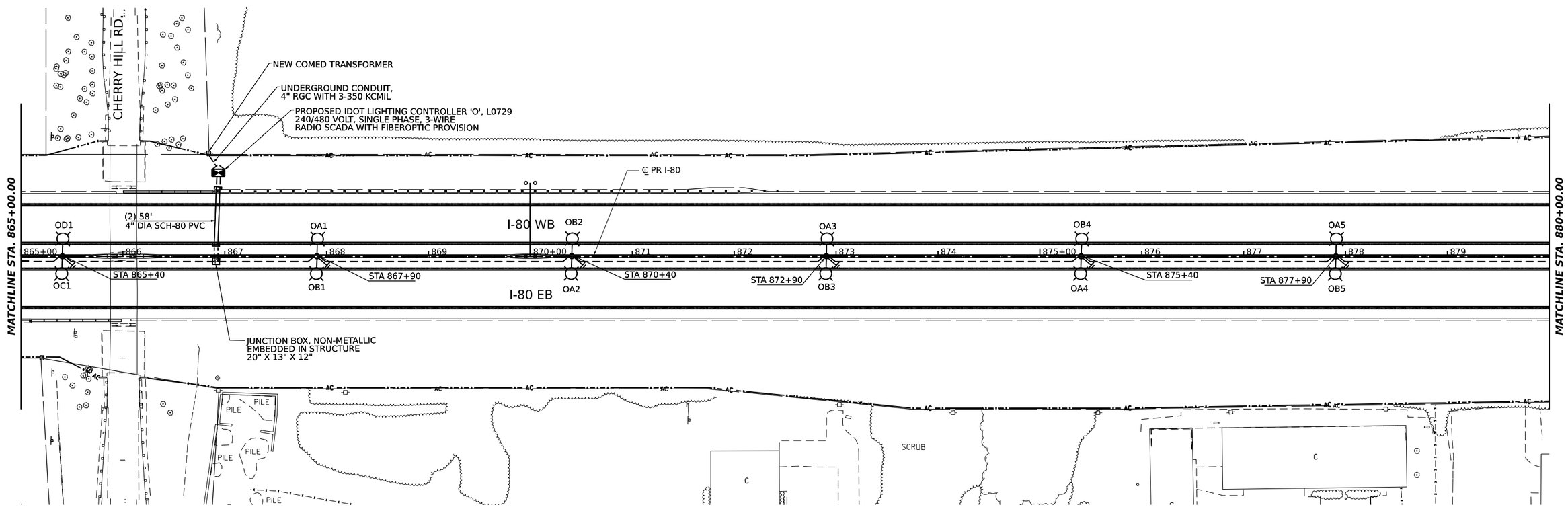
MODEL: PR_I80 - PR I80_ML-7
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-07.DGN

HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I-80 (SHEET 7 OF 12)
		DRAWN - AJS	REVISED -		
	PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -		
	PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	474
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

NOTES

1. 4"C PVC SCH-40 SHALL BE EMBEDDED IN MEDIAN BARRIER WITH 3#2 & 1#4 GROUND



MODEL: PR_I80 - PR I80_MU-7
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEM5-PW-03\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-08.DGN

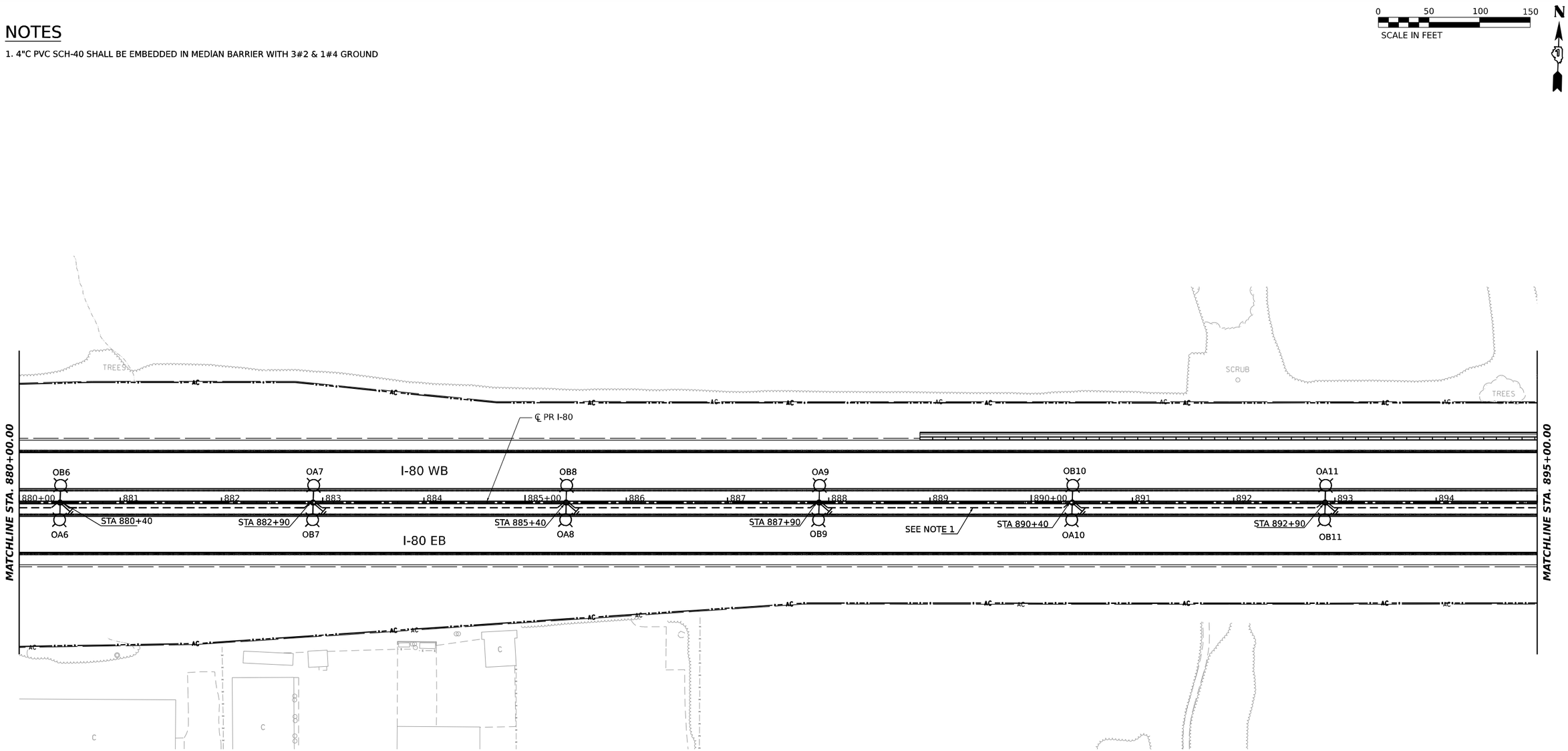
HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I–80 (SHEET 8 OF 12)
		DRAWN - AJS	REVISED -		
	PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -		
	PLOT DATE = 7/24/2023	DATE - 6/29/2023	REVISED -		

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	475
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

NOTES

1. 4"C PVC SCH-40 SHALL BE EMBEDDED IN MEDIAN BARRIER WITH 3#2 & 1#4 GROUND

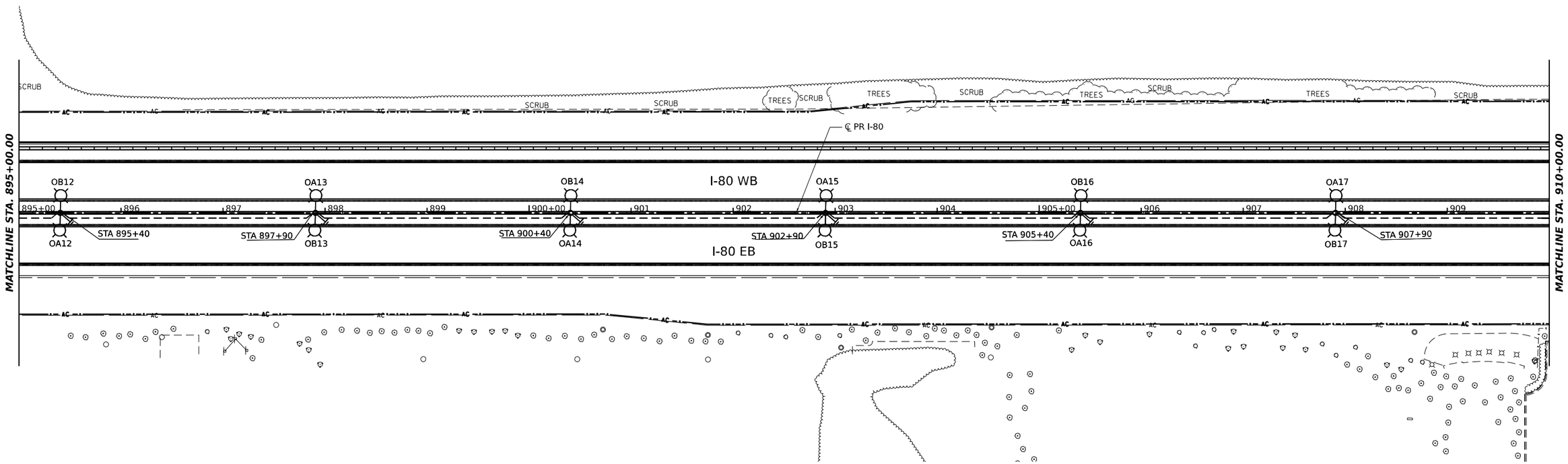


HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I-80 (SHEET 9 OF 12)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - AJS	REVISED -			80	FAI 80 21 STRUCTURE 8	WILL	899 / 476
	PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -					CONTRACT NO. 62R29	
	PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

MODEL: PR_I80 - PR I80_ML-9
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-09.DGN

NOTES

1. 4"C PVC SCH-40 SHALL BE EMBEDDED IN MEDIAN BARRIER WITH 3#2 & 1#4 GROUND

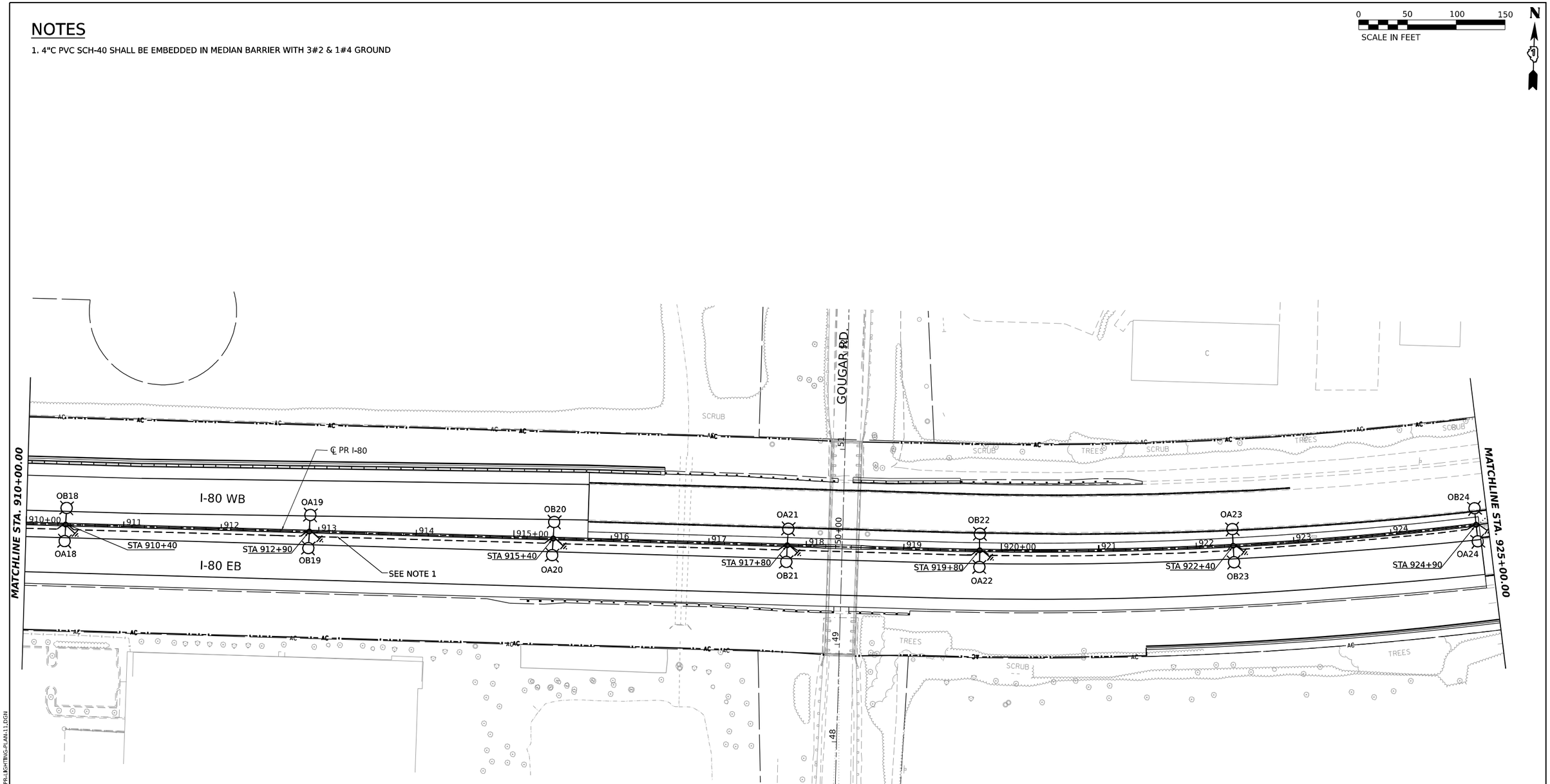


MODEL: PR_I80 - PR I80_MLI-9
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEM5-PW-03\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-10.DGN

HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I–80 (SHEET 10 OF 12)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - AJS	REVISED -			80	FAI 80 21 STRUCTURE 8	WILL	899	477
	PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -					CONTRACT NO. 62R29		
	PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

NOTES

1. 4"C PVC SCH-40 SHALL BE EMBEDDED IN MEDIAN BARRIER WITH 3#2 & 1#4 GROUND

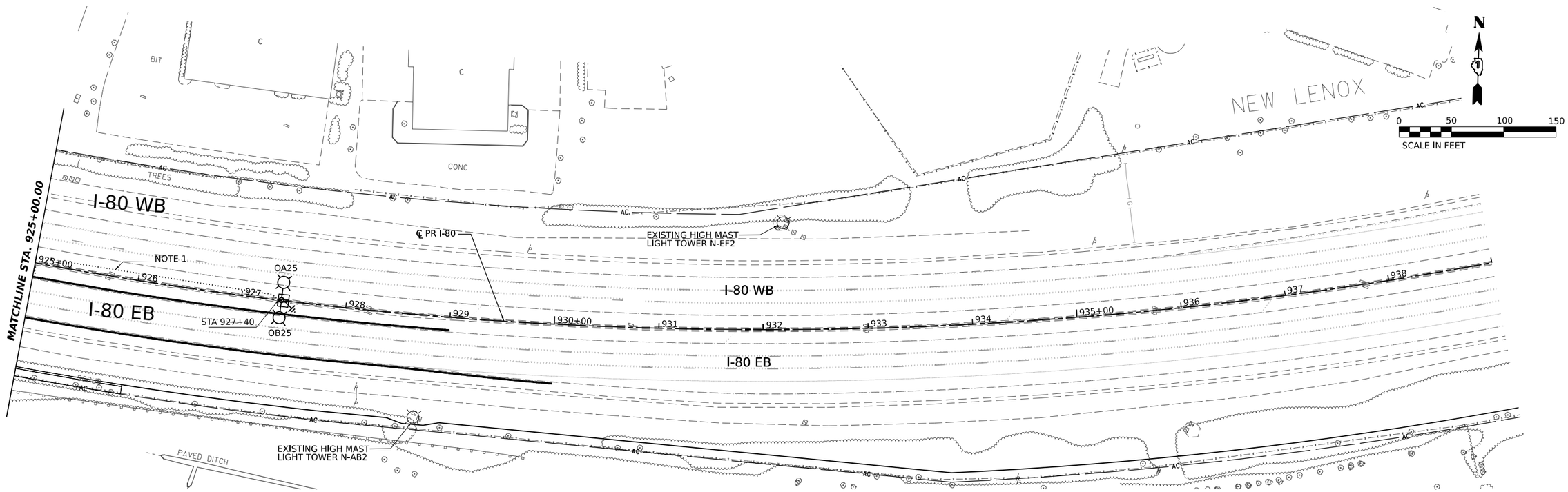


MODEL: PR_I80 - PR I80_ML-11
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-11.DGN

HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I-80 (SHEET 11 OF 12)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - AJS	REVISED -			80	FAI 80 21 STRUCTURE 8	WILL	899 / 478
	PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -					CONTRACT NO. 62R29	
	PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

NOTES

1. DIRECTIONAL BORED CONDUIT IN SHOULDER.

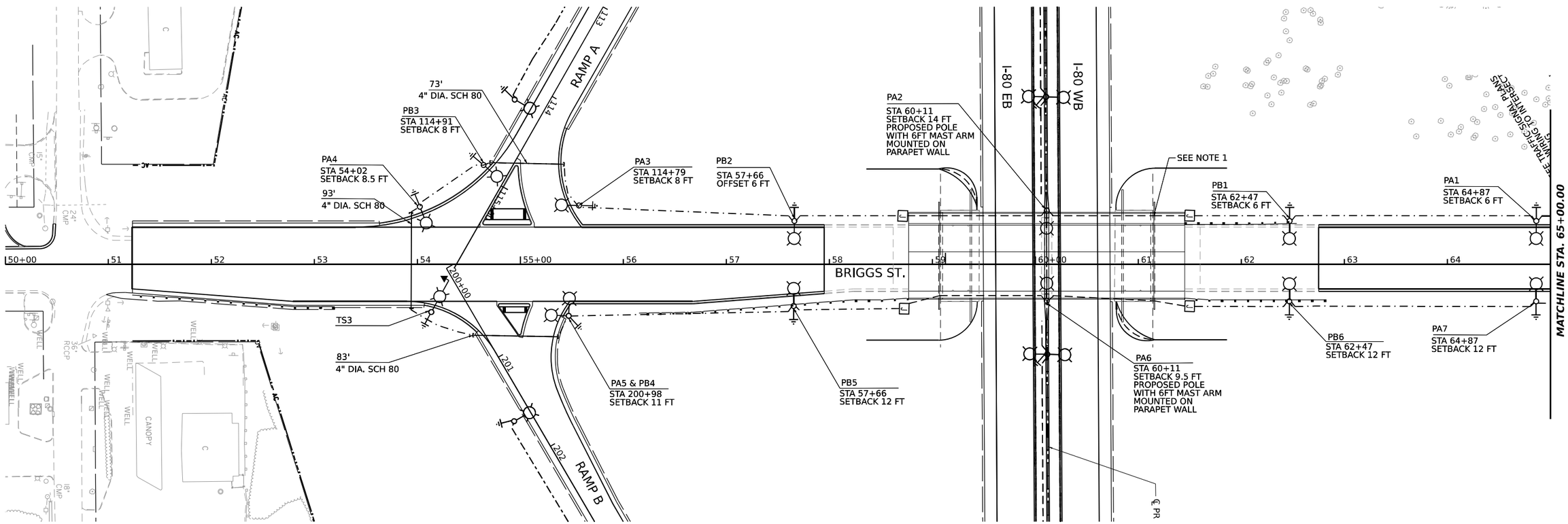


HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I-80 (SHEET 12 OF 12)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - AJS	REVISED -			80	FAI 80 21 STRUCTURE 8	WILL	899 / 479
	PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -					CONTRACT NO. 62R29	
	PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

MODEL: PR_I80 - PR I80_MI-11
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS#PW01\DM508073\62R29-SHT-PR-LIGHTING-PLAN-12.DGN
-11
\$\PW_LOCAL\TRANSYSTEMS-PW-01\DM508073\62R29-SHT-PR-LIGHTING-PLAN-12.DGN

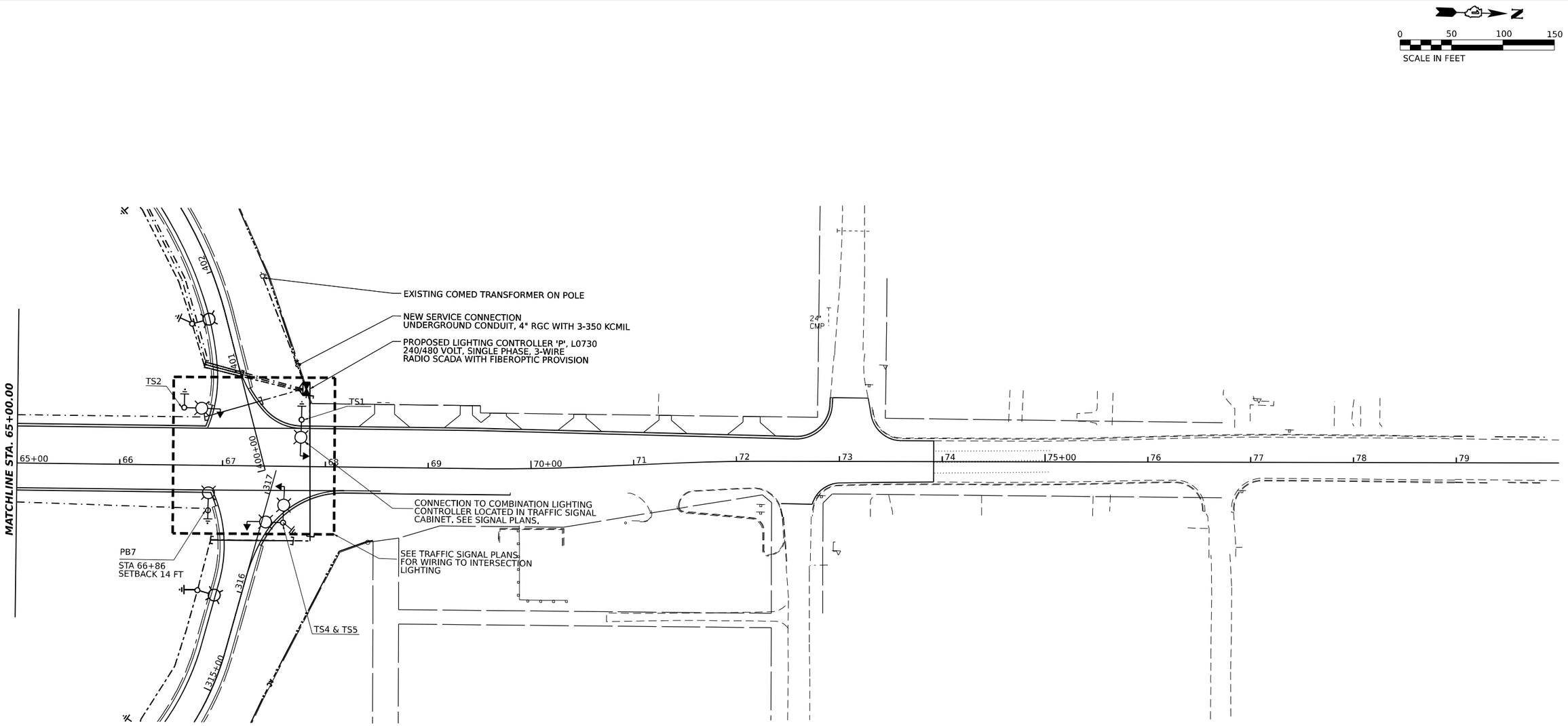
NOTES

1. SEE CONTRACT 62R55 LIGHTING PLANS FOR PRIOR INSTALLATION OF JUNCTION BOXES, EMBEDDED CONDUIT, AND ANCHOR RODS IN NEW PARAPET FOR BRIGGS STREET LIGHTING.



MODEL: PR_BRIGGS - SHEET
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-13.DGN

HNTB	USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN BRIGGS STREET AND INTERSECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - AJS	REVISED -			80	FAI 80 21 STRUCTURE 8	WILL	899 / 480
	PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -					CONTRACT NO. 62R29	
	PLOT DATE = 7/24/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	



MODEL: PR_BRIGGS - SHEET
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\D0508073\62R29-SHT-PR-LIGHTING-PLAN-14.DGN

HNTB

USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/24/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

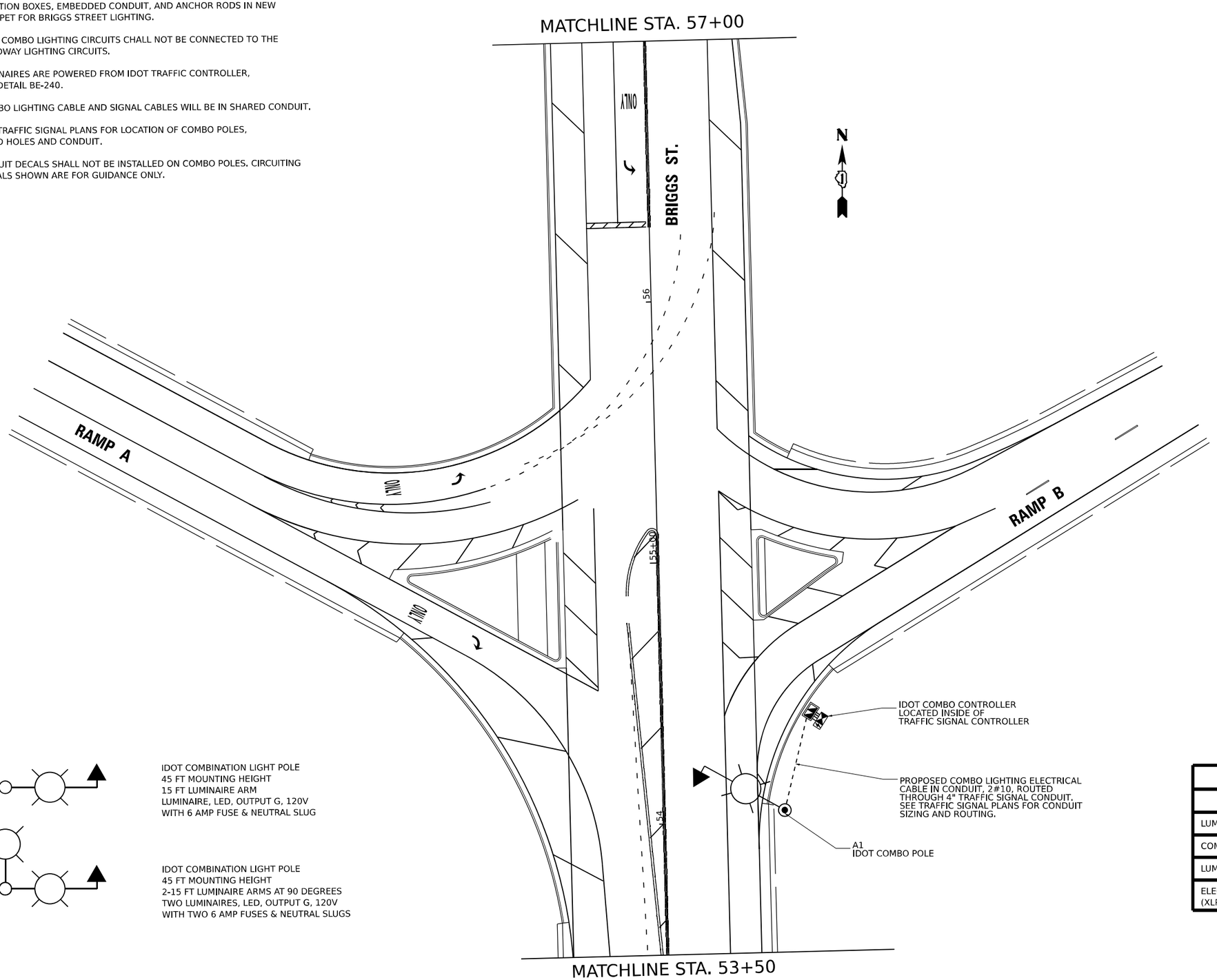
PROPOSED LIGHTING PLAN
BRIGGS STREET AND INTERSECTIONS

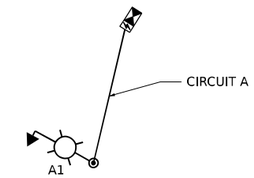
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	481
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

NOTES

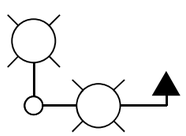
1. SEE CONTRACT 62R55 LIGHTING PLANS FOR PRIOR INSTALLATION OF JUNCTION BOXES, EMBEDDED CONDUIT, AND ANCHOR RODS IN NEW PARAPET FOR BRIGGS STREET LIGHTING.
2. IDOT COMBO LIGHTING CIRCUITS CHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS.
3. LUMINAIRES ARE POWERED FROM IDOT TRAFFIC CONTROLLER, SEE DETAIL BE-240.
4. COMBO LIGHTING CABLE AND SIGNAL CABLES WILL BE IN SHARED CONDUIT.
5. SEE TRAFFIC SIGNAL PLANS FOR LOCATION OF COMBO POLES, HAND HOLES AND CONDUIT.
6. CIRCUIT DECALS SHALL NOT BE INSTALLED ON COMBO POLES. CIRCUITING DECALS SHOWN ARE FOR GUIDANCE ONLY.





ONE LINE DIAGRAM

IDOT COMBINATION LIGHT POLE
45 FT MOUNTING HEIGHT
15 FT LUMINAIRE ARM
LUMINAIRE, LED, OUTPUT G, 120V
WITH 6 AMP FUSE & NEUTRAL SLUG



IDOT COMBINATION LIGHT POLE
45 FT MOUNTING HEIGHT
2-15 FT LUMINAIRE ARMS AT 90 DEGREES
TWO LUMINAIRES, LED, OUTPUT G, 120V
WITH TWO 6 AMP FUSES & NEUTRAL SLUGS

IDOT COMBO LIGHTING SCHEDULE OF QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	1
COMBINATION LIGHTING CONTROLLER	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	1
ELECTRICAL CABLE IN CONDUIT, 600V, (XLP TYPE USE) 1/C NO. 10	FOOT	72

MODEL: PR_BRIGGS - SHEET
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-13A.DGN

HNTB

USER NAME = JBRYNDA	DESIGNED - JB	REVISED -	
	DRAWN - JB	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/27/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

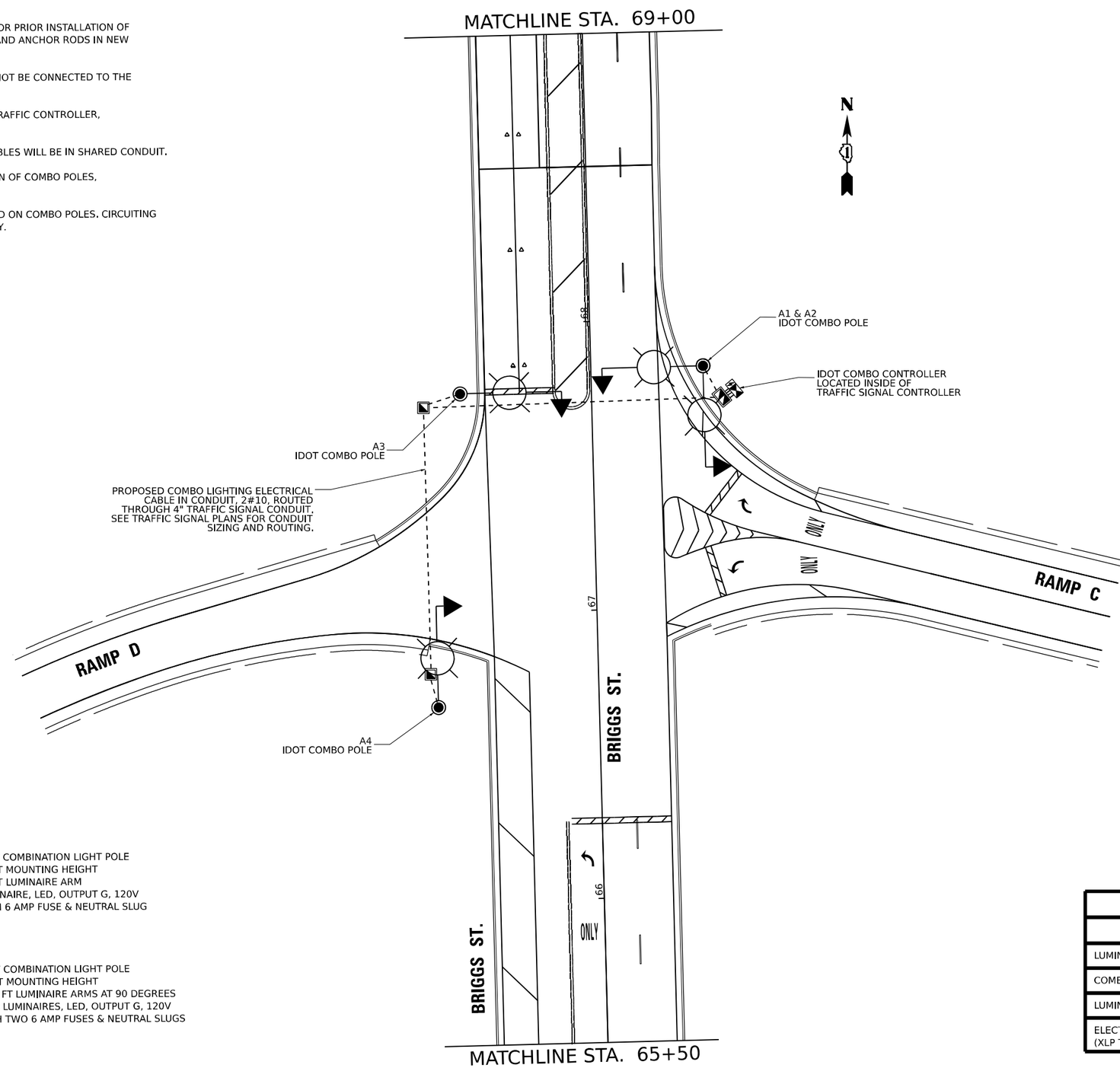
COMBO LIGHTING PLAN
BRIGGS STREET INTERSECTIONS

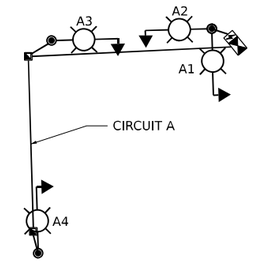
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	481A
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		

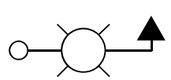
NOTES

1. SEE CONTRACT 62R55 LIGHTING PLANS FOR PRIOR INSTALLATION OF JUNCTION BOXES, EMBEDDED CONDUIT, AND ANCHOR RODS IN NEW PARAPET FOR BRIGGS STREET LIGHTING.
2. IDOT COMBO LIGHTING CIRCUITS CHALL NOT BE CONNECTED TO THE ROADWAY LIGHTING CIRCUITS.
3. LUMINAIRES ARE POWERED FROM IDOT TRAFFIC CONTROLLER, SEE DETAIL BE-240.
4. COMBO LIGHTING CABLE AND SIGNAL CABLES WILL BE IN SHARED CONDUIT.
5. SEE TRAFFIC SIGNAL PLANS FOR LOCATION OF COMBO POLES, HAND HOLES AND CONDUIT.
6. CIRCUIT DECALS SHALL NOT BE INSTALLED ON COMBO POLES. CIRCUITING DECALS SHOWN ARE FOR GUIDANCE ONLY.

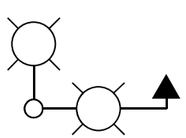




ONE LINE DIAGRAM



IDOT COMBINATION LIGHT POLE
45 FT MOUNTING HEIGHT
15 FT LUMINAIRE ARM
LUMINAIRE, LED, OUTPUT G, 120V
WITH 6 AMP FUSE & NEUTRAL SLUG



IDOT COMBINATION LIGHT POLE
45 FT MOUNTING HEIGHT
2-15 FT LUMINAIRE ARMS AT 90 DEGREES
TWO LUMINAIRES, LED, OUTPUT G, 120V
WITH TWO 6 AMP FUSES & NEUTRAL SLUGS

IDOT COMBO LIGHTING SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
COMBINATION LIGHTING CONTROLLER	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	4
ELECTRICAL CABLE IN CONDUIT, 600V, (XLP TYPE USE) 1/C NO. 10	FOOT	510

MODEL: PR_BRIGGS - SHEET
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-14A.DGN

HNTB

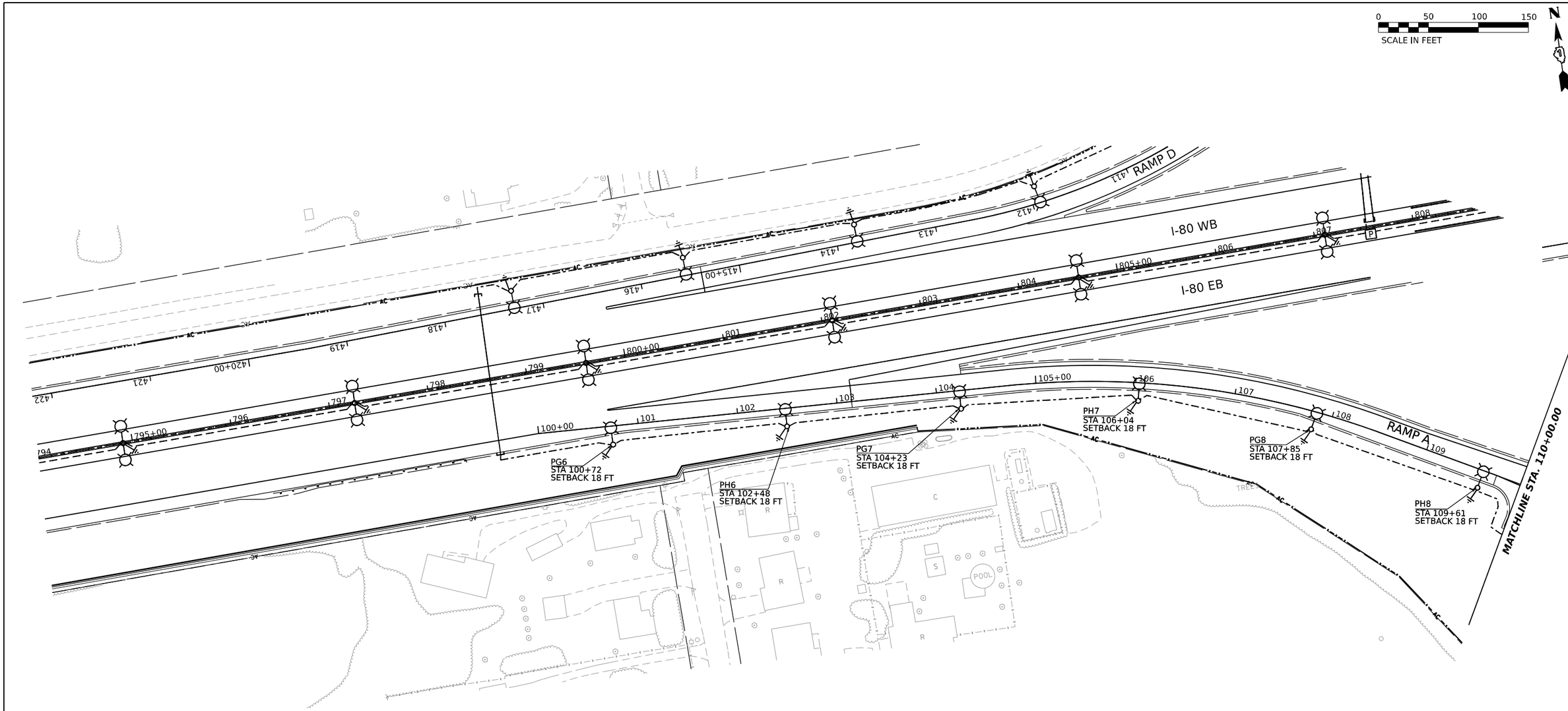
USER NAME = JBRYNDA	DESIGNED - JB	REVISED -	
	DRAWN - JB	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/27/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMBO LIGHTING PLAN
BRIGGS STREET INTERSECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	481B
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



MODEL: PR_BRIGGS_RAMP_A - PLAN 1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-15.DGN

HNTB

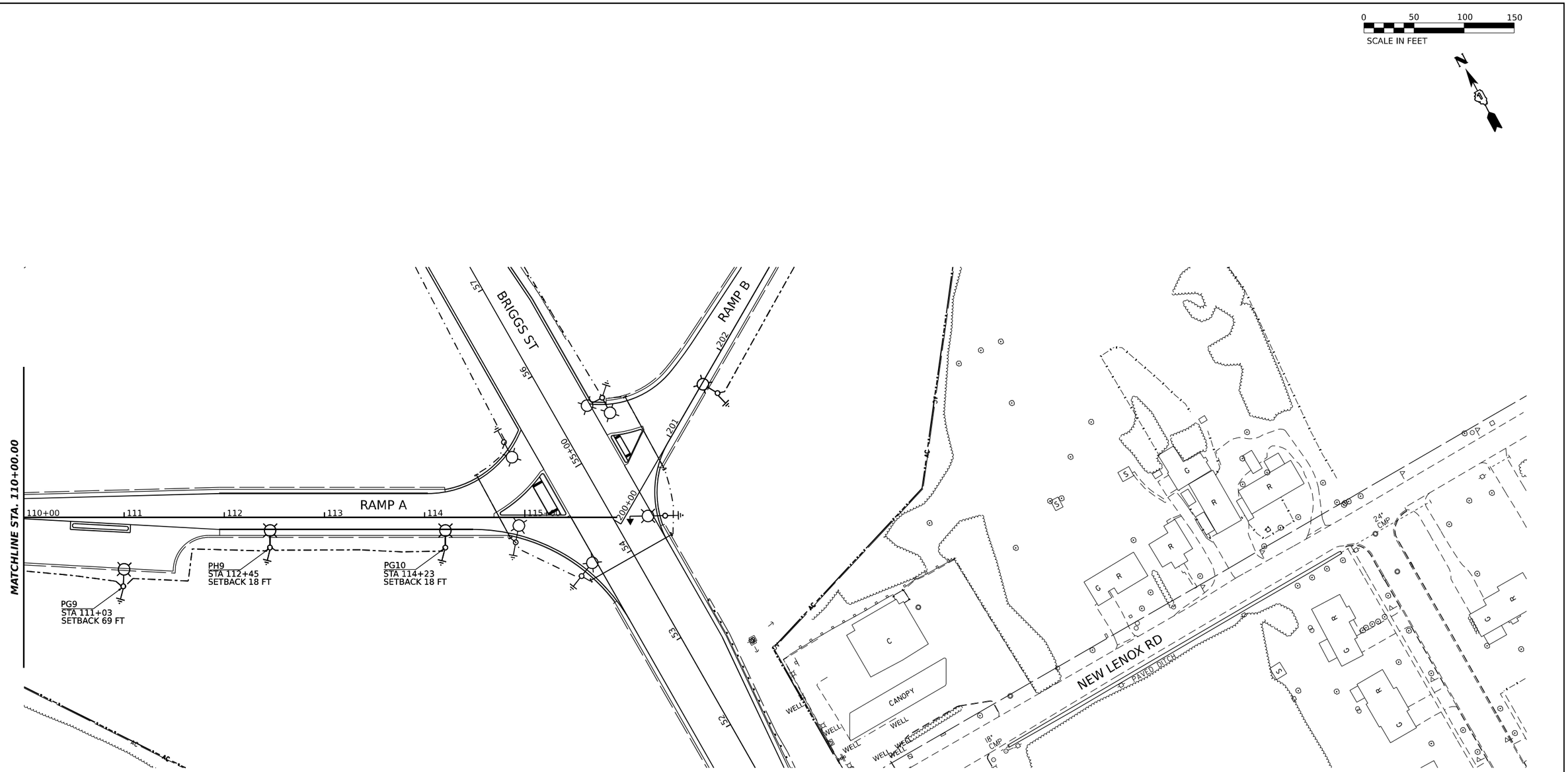
USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.167 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-80 RAMP A AT BRIGGS STREET

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	482
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



MODEL: PR_BRIGGS_RAMP_A - PLAN 1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-16.DGN

HNTB

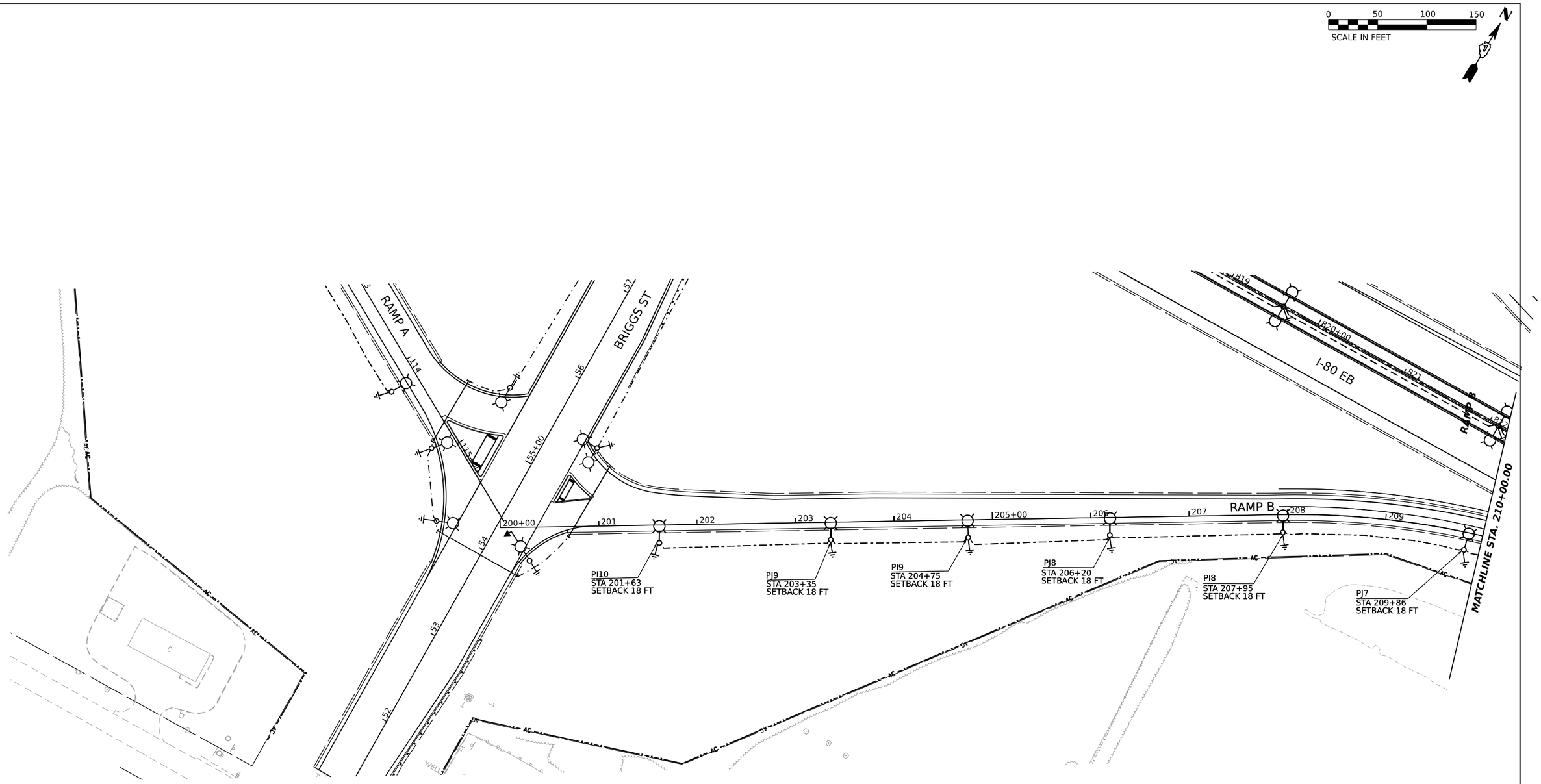
USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.167 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-80 RAMP A AT BRIGGS STREET

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	483
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

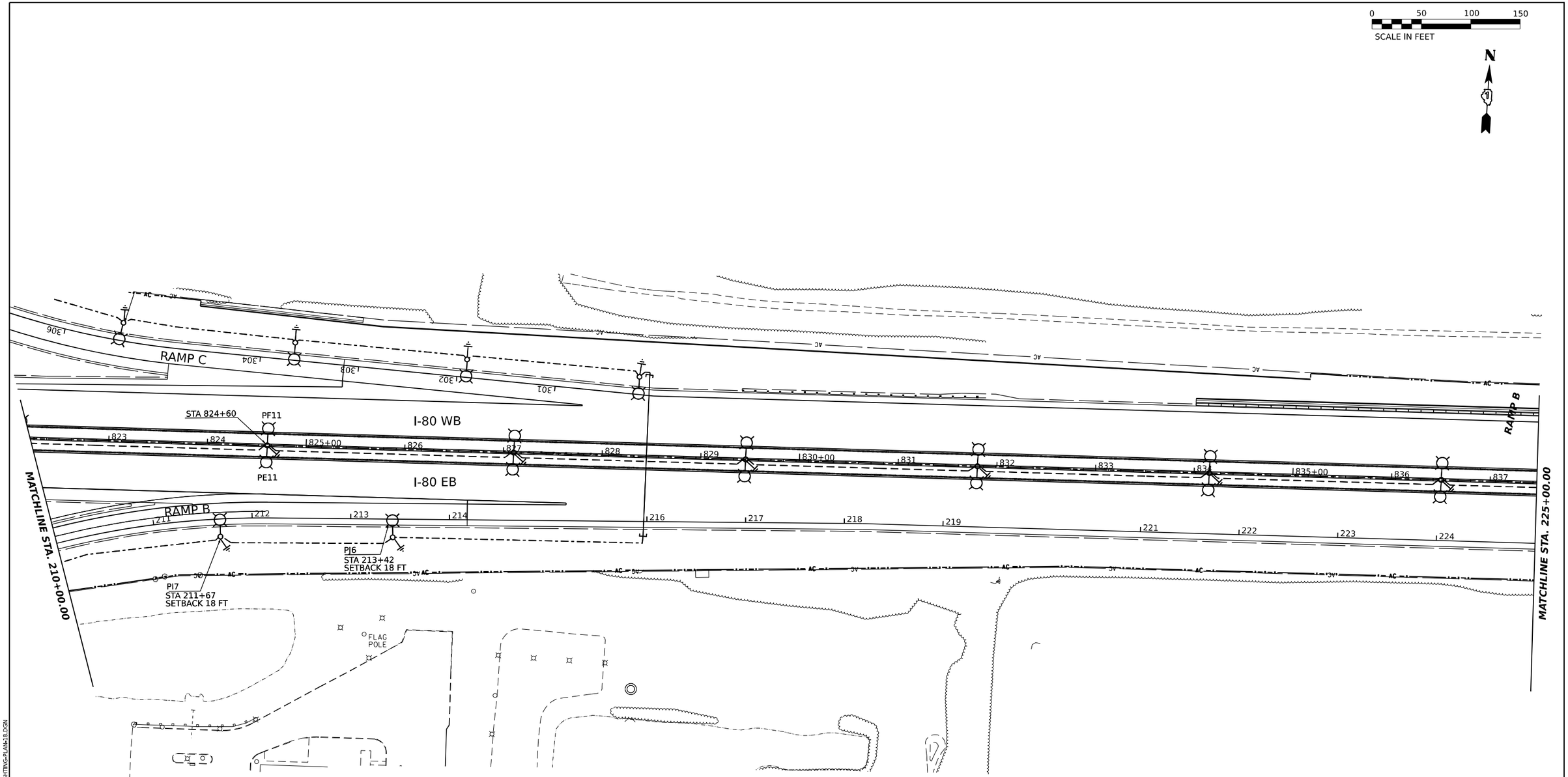


MODEL: PR_BRIGGS_RAMP_B - PLAN 1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-17.DGN

HNTB

USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLAN I-80 RAMP B AT BRIGGS STREET	
	DRAWN - AJS	REVISED -			
PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -			
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	484
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



MODEL: PR_BRIGGS_RAMP_B - PLAN 1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-18.DGN

HNTB

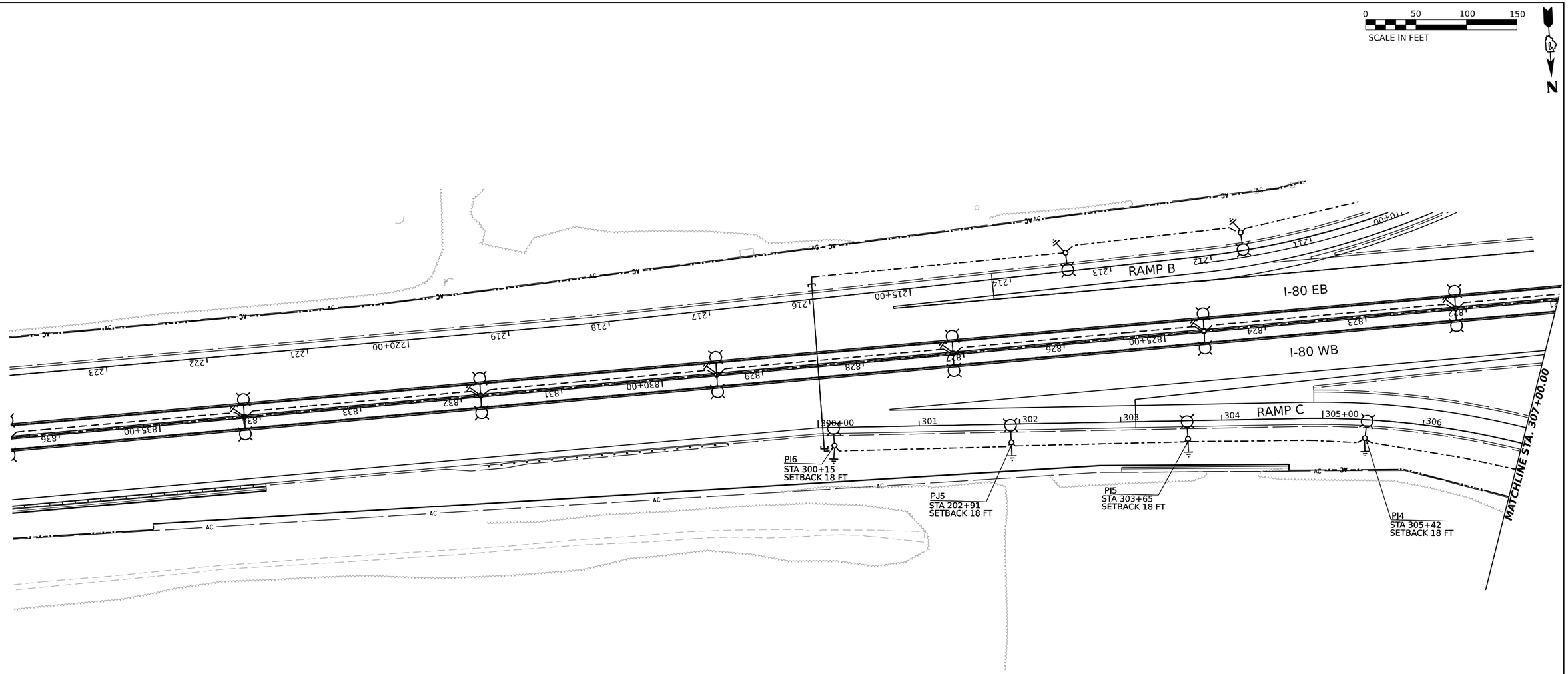
USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-80 RAMP B AT BRIGGS STREET

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	485
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



MODEL: PR BRIGGS RAMP C - PLAN 6
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-19.DGN

HNTB

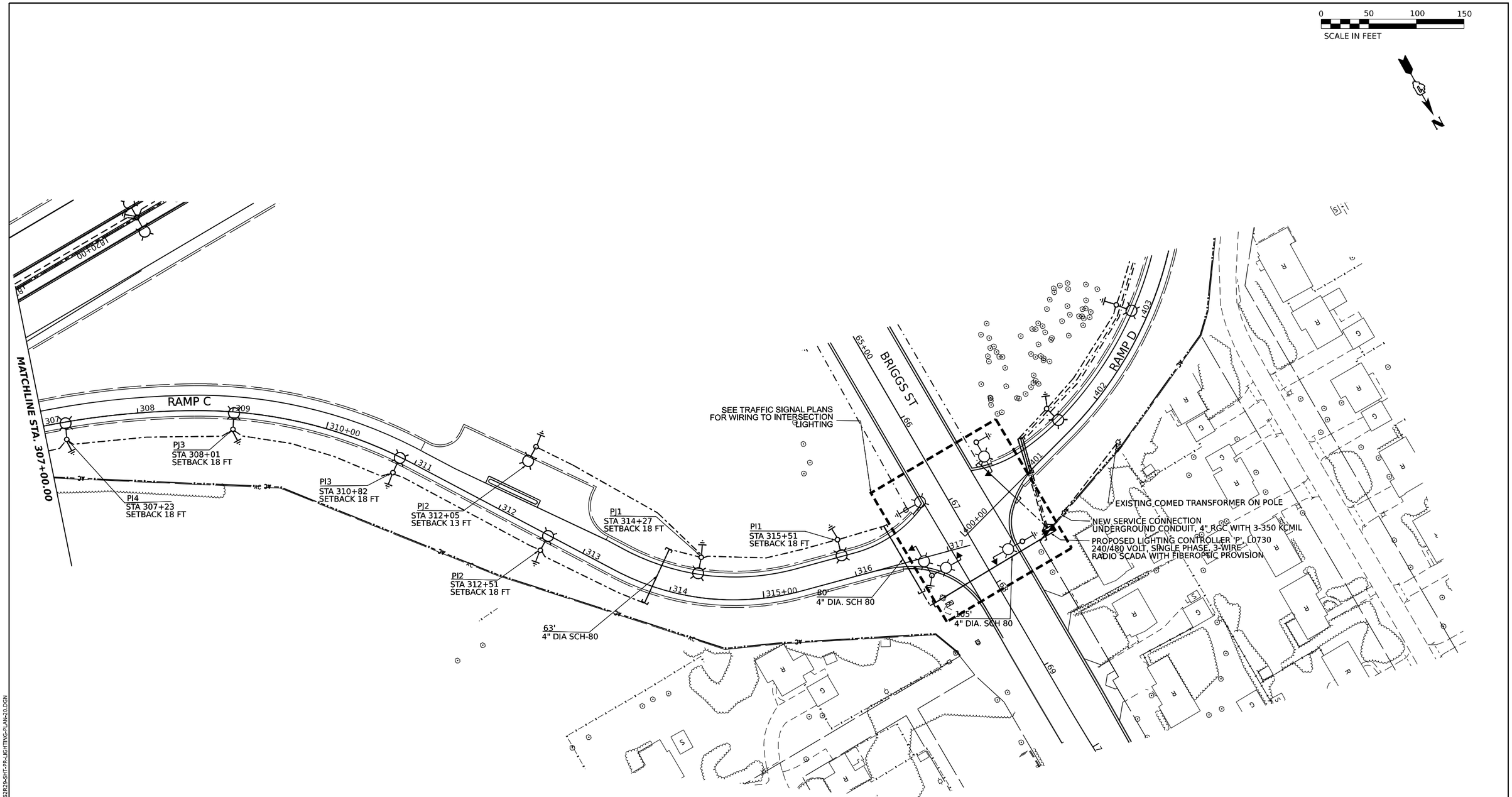
USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-80 RAMP C AT BRIGGS STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	486
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



MODEL: PR BRIGGS RAMP C - PLAN 6
FILE NAME: C:\TRANSYSTEM\SIPW_LOCAL\TRANSYSTEM54PW01\DM508073\62R29-SHT-PR-LIGHTING-PLAN-20.DGN

HNTB

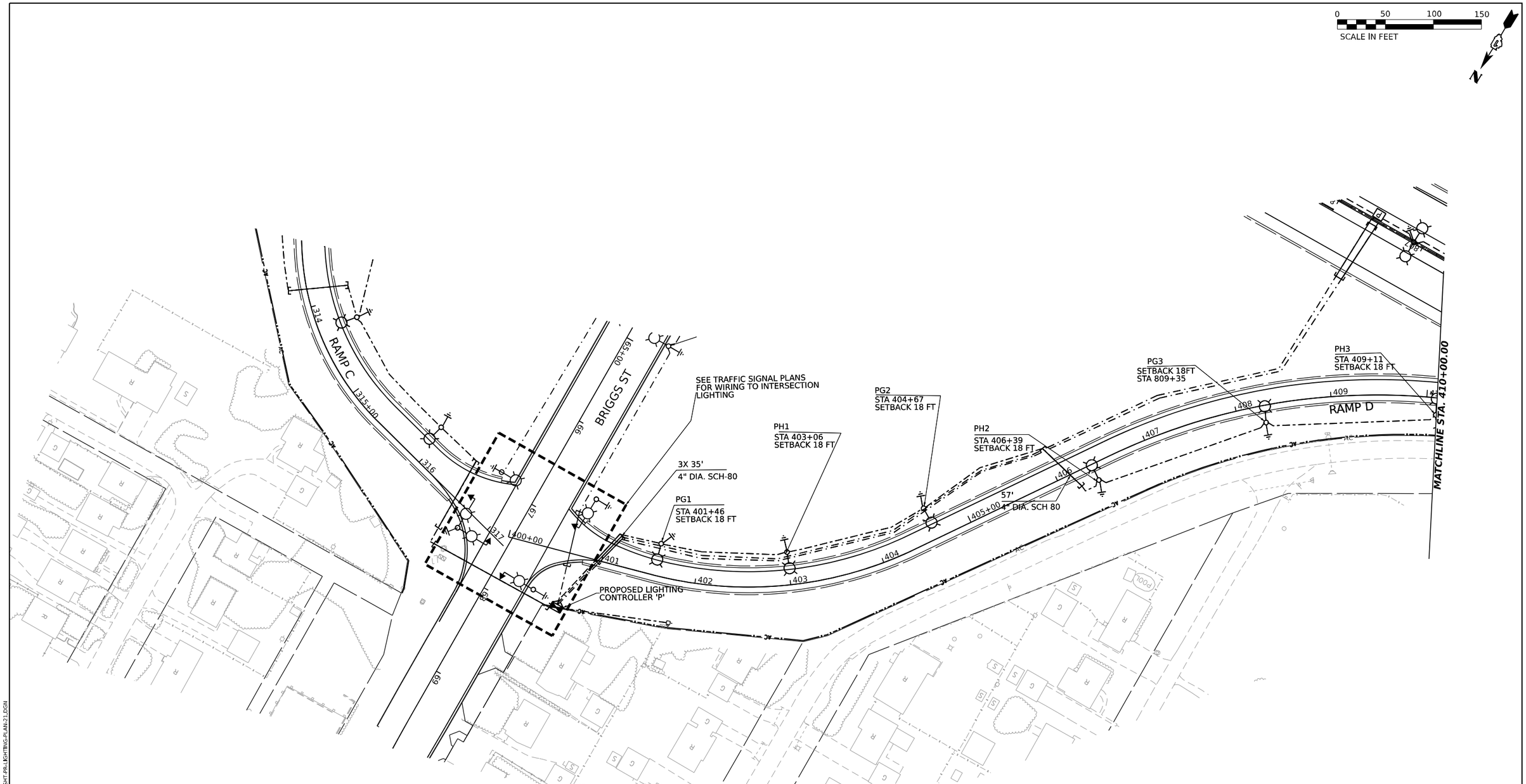
USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/24/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-80 RAMP C AT BRIGGS STREET

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	487
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	



MODEL: PR BRIGGS RAMP D - PLAN 8
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-21.DGN

HNTB

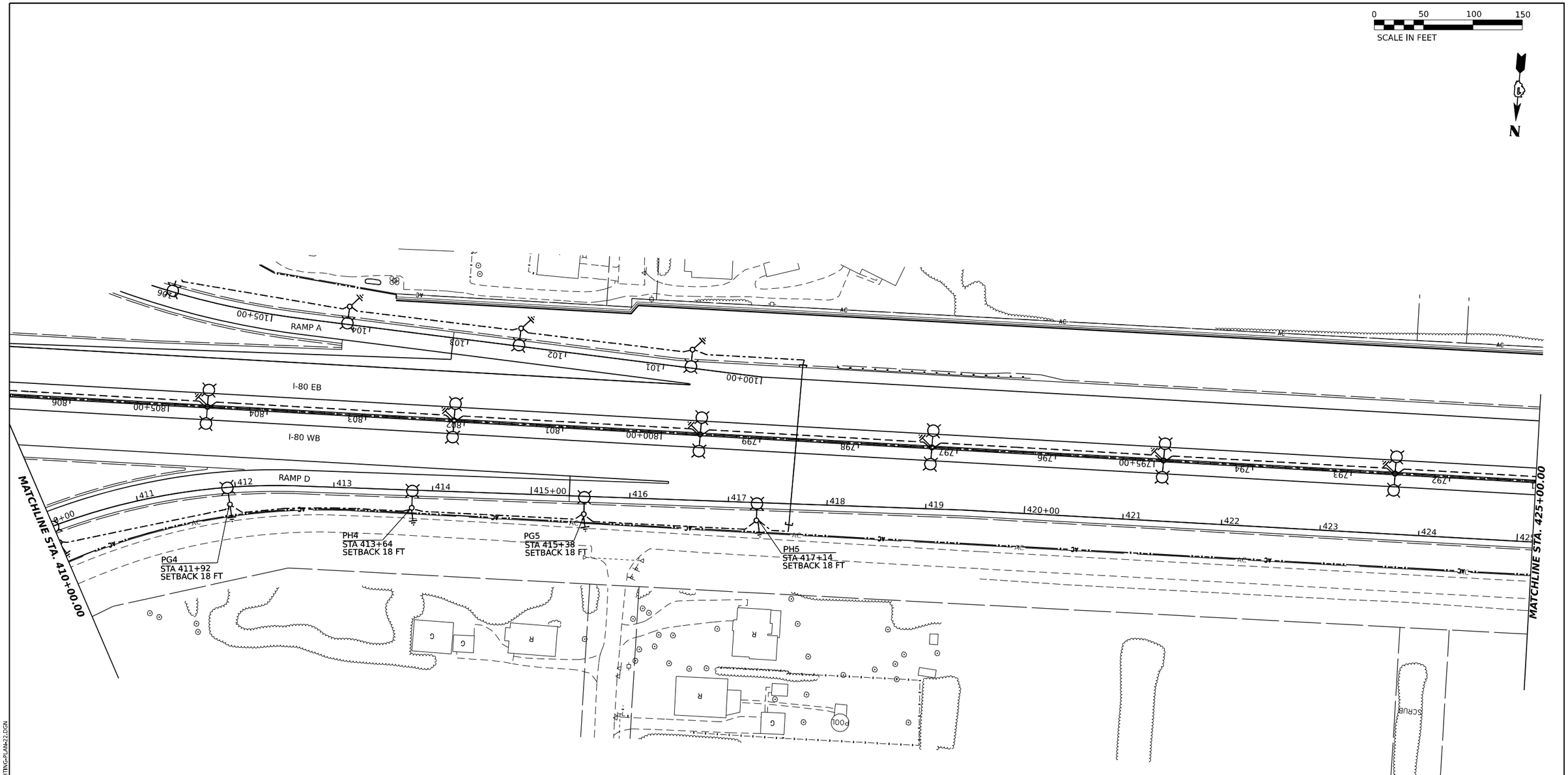
USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/24/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-80 RAMP D AT BRIGGS STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	488
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



MODEL: PR BRIGGS RAMP D - PLAN 8
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-PR-LIGHTING-PLAN-22.DGN

HNTB

USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-80 RAMP D AT BRIGGS STREET

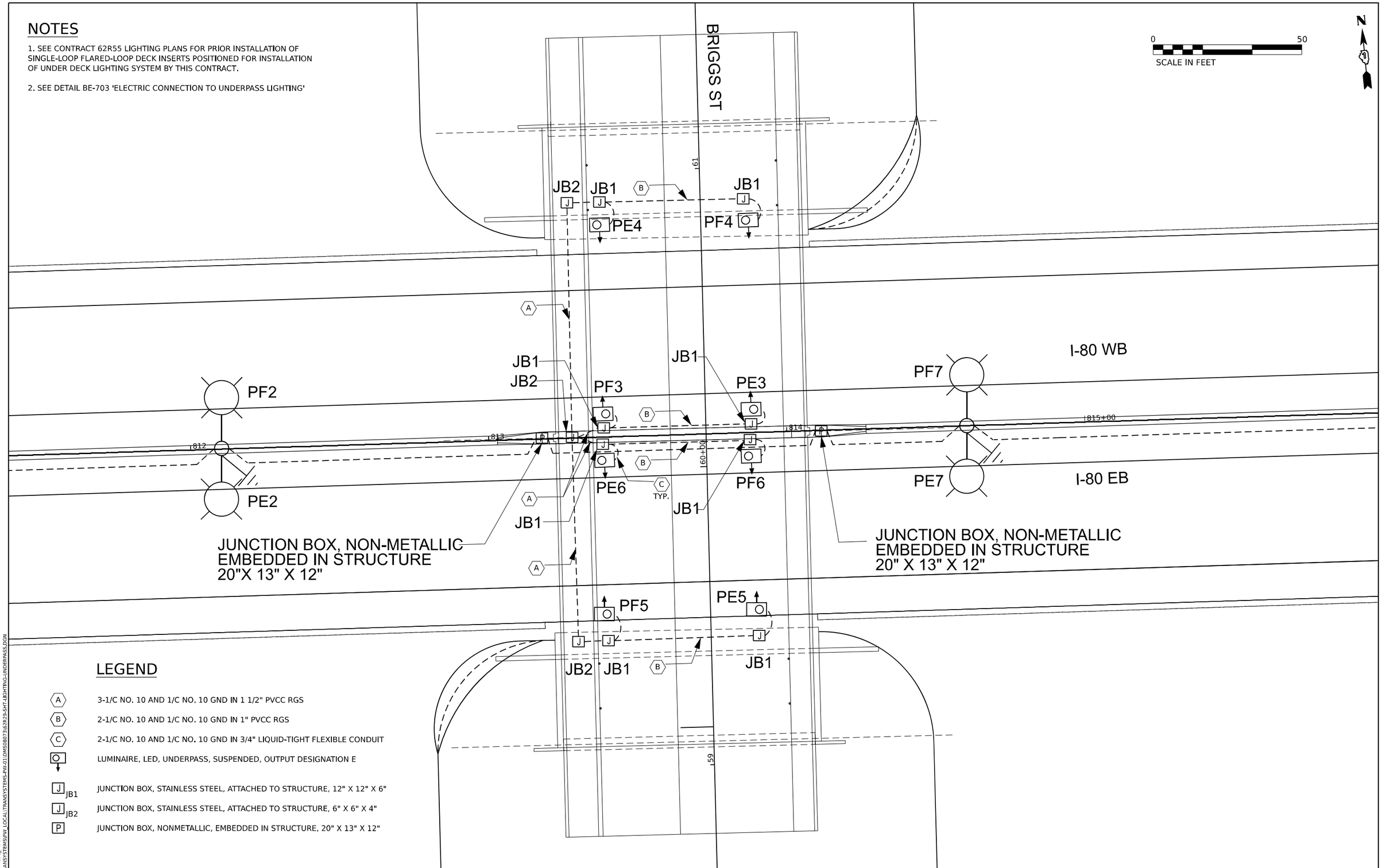
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	489
		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

NOTES

1. SEE CONTRACT 62R55 LIGHTING PLANS FOR PRIOR INSTALLATION OF SINGLE-LOOP FLARED-LOOP DECK INSERTS POSITIONED FOR INSTALLATION OF UNDER DECK LIGHTING SYSTEM BY THIS CONTRACT.

2. SEE DETAIL BE-703 'ELECTRIC CONNECTION TO UNDERPASS LIGHTING'



LEGEND

A	3-1/C NO. 10 AND 1/C NO. 10 GND IN 1 1/2" PVCC RGS
B	2-1/C NO. 10 AND 1/C NO. 10 GND IN 1" PVCC RGS
C	2-1/C NO. 10 AND 1/C NO. 10 GND IN 3/4" LIQUID-TIGHT FLEXIBLE CONDUIT
	LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION E
J JB1	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"
J JB2	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"
P	JUNCTION BOX, NONMETALLIC, EMBEDDED IN STRUCTURE, 20" X 13" X 12"

MODEL: PR_IB0 - PR IB0_ML-1
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-LIGHTING-UNDERPASS.DGN

HNTB

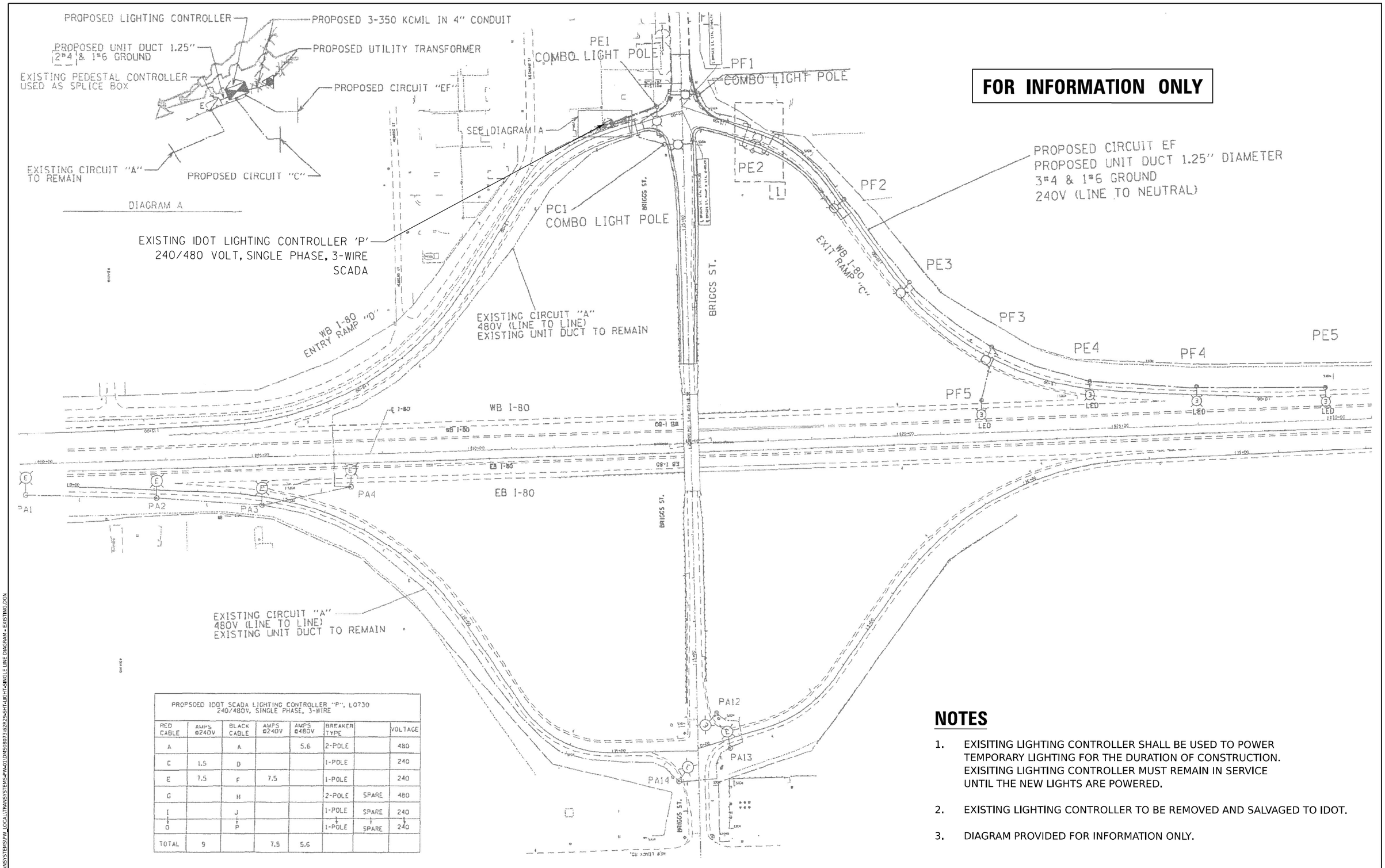
USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166667 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/24/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
BRIGGS OVER I-80 – UNDERPASS

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	490
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



PROPSOED IDOT SCADA LIGHTING CONTROLLER "P", LO730 240/480V, SINGLE PHASE, 3-WIRE							
RED CABLE	AMPS @240V	BLACK CABLE	AMPS @240V	AMPS @480V	BREAKER TYPE		VOLTAGE
A		A		5.6	2-POLE		480
C	1.5	D			1-POLE		240
E	7.5	F	7.5		1-POLE		240
G		H			2-POLE	SPARE	480
I		J			1-POLE	SPARE	240
O		P			1-POLE	SPARE	240
TOTAL	9		7.5	5.6			

NOTES

1. EXISITING LIGHTING CONTROLLER SHALL BE USED TO POWER TEMPORARY LIGHTING FOR THE DURATION OF CONSTRUCTION. EXISITING LIGHTING CONTROLLER MUST REMAIN IN SERVICE UNTIL THE NEW LIGHTS ARE POWERED.
2. EXISTING LIGHTING CONTROLLER TO BE REMOVED AND SALVAGED TO IDOT.
3. DIAGRAM PROVIDED FOR INFORMATION ONLY.

MODEL: 2D SHEET H
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-LIGHT-SINGLE LINE DIAGRAM - EXISTING.DGN

HNTB

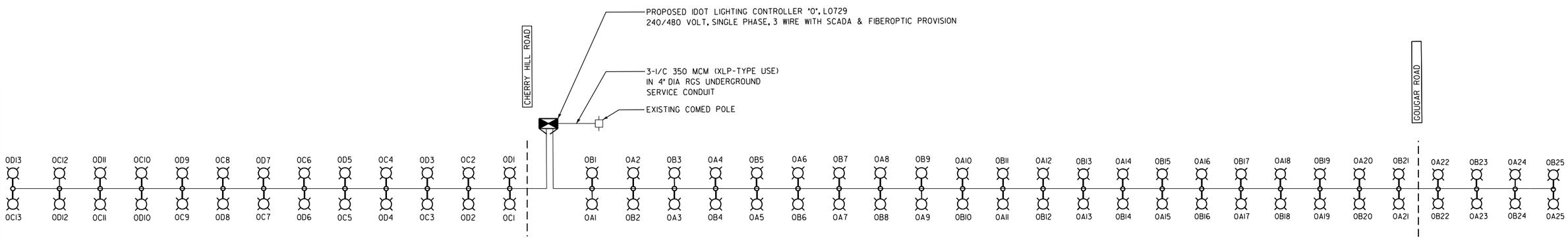
USER NAME = JBRYNDA	DESIGNED - JB	REVISED -	
	DRAWN - JB	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -	

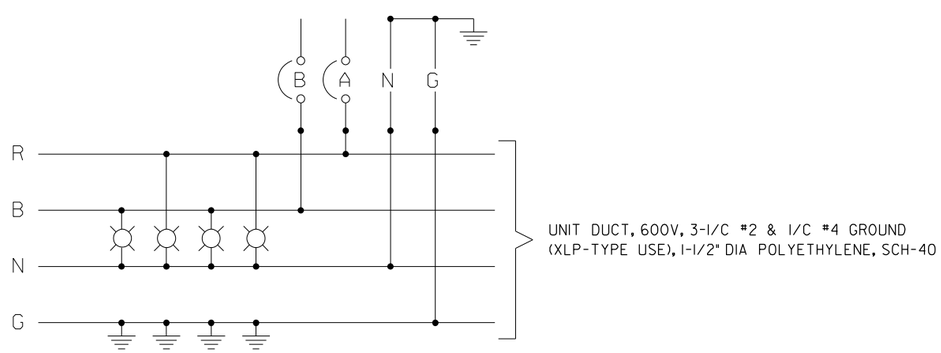
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SINGLE LINE DIAGRAM
EXISTING CONTROLLER P

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	491
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		





LUMINAIRE WIRING DETAIL (TYPICAL)

LOAD TABLE (AMPS)
CONTROLLER "O"
240/480V, 1PH, 3W

CKT. TAG	RED PHASE A	BLACK PHASE B	LUMINAIRES
A	25.2	----	25-242W LED
B	----	25.2	25-242W LED
C	13.1	----	13-242W LED
D	----	13.1	13-242W LED
E	----	----	----
F	----	----	----
G	----	----	----
H	----	----	----
TOTAL AMPS AT 240V	38.3	38.3	

MODEL: 2D SHEET H
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-03\DMS08073\62R29-SHT-LIGHT-SINGLE LINE DIAGRAM O.DGN

HNTB

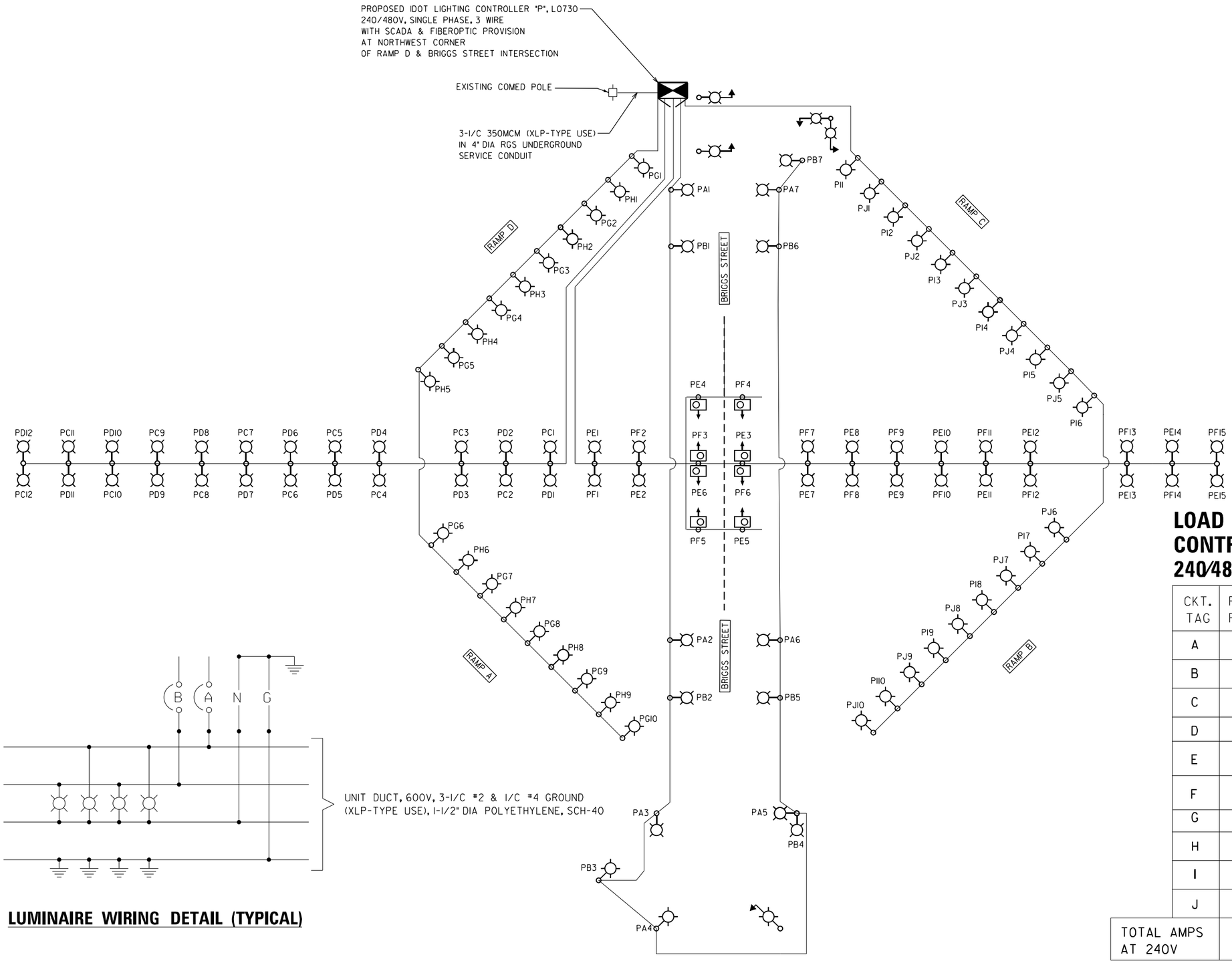
USER NAME = JBRYNDA	DESIGNED - JB	REVISED -	
	DRAWN - JB	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SINGLE LINE DIAGRAM
LIGHTING CONTROLLER O

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	492
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



LUMINAIRE WIRING DETAIL (TYPICAL)

LOAD TABLE (AMPS)
CONTROLLER "P"
240/480V, 1PH, 3W

CKT. TAG	RED PHASE A	BLACK PHASE B	LUMINAIRES
A	5.3	----	8-159W LED
B	----	5.3	8-159W LED
C	12.12	----	12-242W LED
D	----	12.12	12-242W LED
E	12.8	----	11-242W LED 4-103W LED
F	----	12.8	11-242W LED 4-103W LED
G	6.6	----	10-159W LED
H	----	6.0	9-159W LED
I	6.6	----	10-159W LED
J	----	6.6	10-159W LED
TOTAL AMPS AT 240V	43.42	42.82	

MODEL: 2D SHEET H
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PWA01\DMS08073\62R29-SHT-LIGHT-SINGLE LINE DIAGRAM P.DGN

HNTB

USER NAME = JBRYNDA	DESIGNED - JB	REVISED -	
	DRAWN - JB	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/18/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SINGLE LINE DIAGRAM
LIGHTING CONTROLLER P

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	493
		CONTRACT NO. 62R29		
		ILLINOIS FED. AID PROJECT		

LEGEND

- EXISTING LED ROADWAY LUMINAIRE, OUTPUT DESIGNATION H, 240V
- PROPOSED LED ROADWAY LUMINAIRE, OUTPUT DESIGNATION H, 240V
- EXISTING DUPLEX LIGHTING CONTROLLER
- EXISTING ELECTRIC SERVICE LOCATION
- EXISTING LED UNDERPASS LUMINAIRE, OUTPUT DESIGNATION E, 240V

N

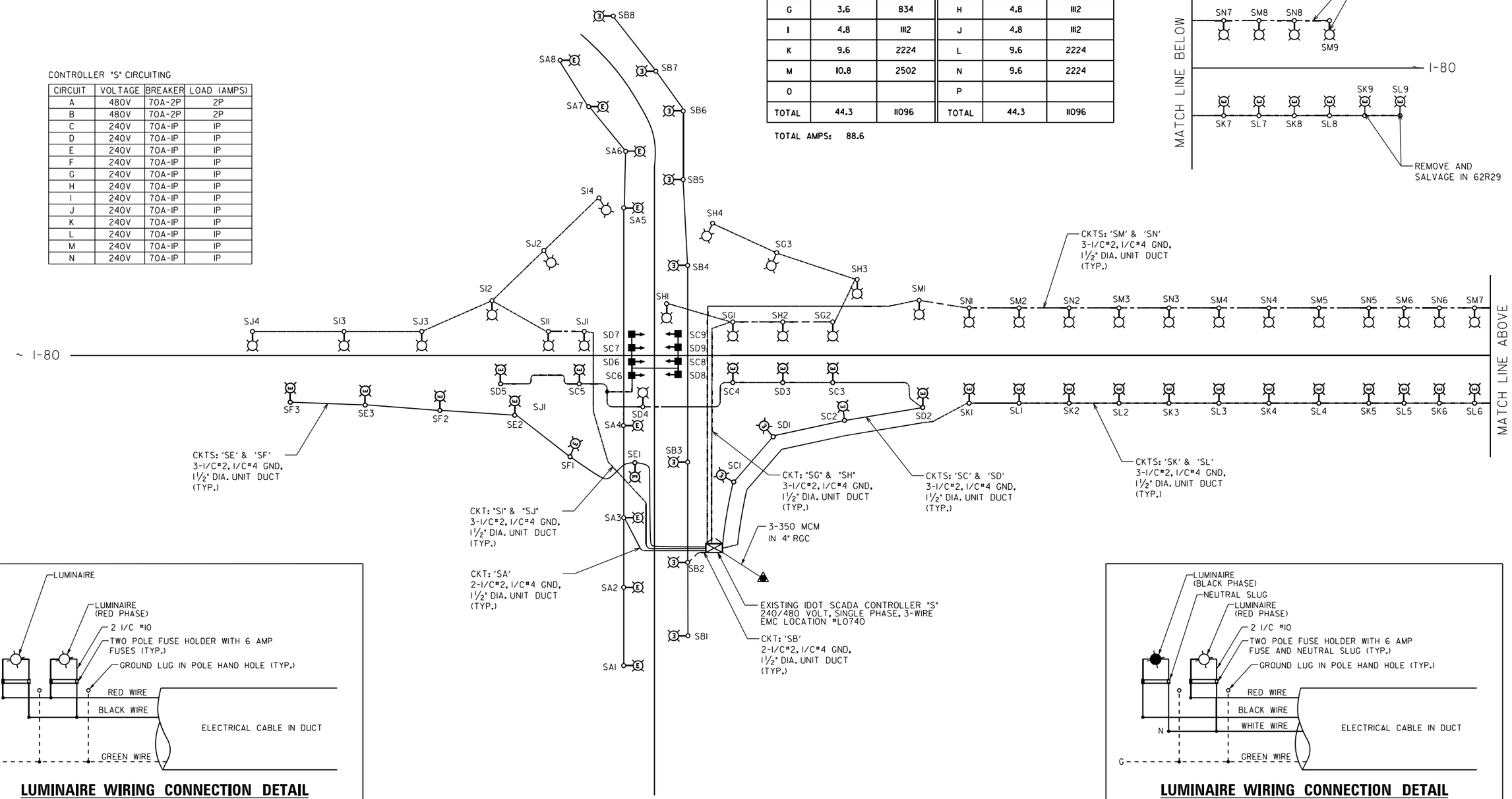
LOAD TABLE
PROPOSED IDOT LIGHTING CONTROLLER "S"

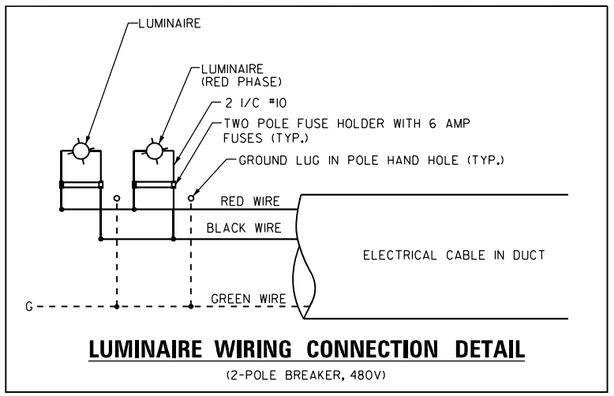
CIRCUIT	RED PHASE (RED CABLE)		CIRCUIT	BLACK PHASE (BLACK CABLE)	
	AMPS	WATTS		AMPS	WATTS
A	3.7	1600	B	3.7	1600
C	8.2	1990	D	8.2	1990
E	3.6	834	F	3.6	834
G	3.6	834	H	4.8	1112
I	4.8	1112	J	4.8	1112
K	9.6	2224	L	9.6	2224
M	10.8	2502	N	9.6	2224
O			P		
TOTAL	44.3	11096	TOTAL	44.3	11096

TOTAL AMPS: 88.6

CONTROLLER "S" CIRCUITING

CIRCUIT	VOLTAGE	BREAKER	LOAD (AMPS)
A	480V	70A-2P	2P
B	480V	70A-2P	2P
C	240V	70A-1P	1P
D	240V	70A-1P	1P
E	240V	70A-1P	1P
F	240V	70A-1P	1P
G	240V	70A-1P	1P
H	240V	70A-1P	1P
I	240V	70A-1P	1P
J	240V	70A-1P	1P
K	240V	70A-1P	1P
L	240V	70A-1P	1P
M	240V	70A-1P	1P
N	240V	70A-1P	1P





LUMINAIRE WIRING CONNECTION DETAIL

(2-POLE BREAKER, 480V)

LUMINAIRE WIRING CONNECTION DETAIL

(1-POLE BREAKER, 240V)

MODEL: 2D SHEET H
FILE NAME: C:\TRANSYSTEM\SWV_LOCAL\TRANSYSTEM54PW401\DM508073\62R29-SHT-LIGHT-SINGLE LINE DIAGRAM S.DGN

HNTB

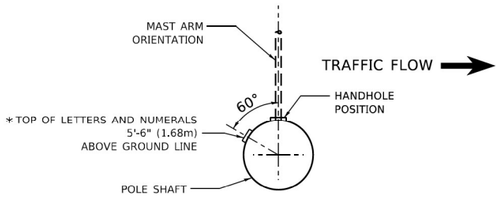
USER NAME = JBRYNDA	DESIGNED - JB	REVISED -	
	DRAWN - JB	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 7/27/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

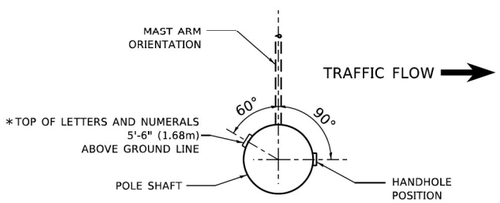
SINGLE LINE DIAGRAM
EXISTING LIGHTING CONTROLLER S

SCALE: SHEET OF SHEETS STA. TO STA.

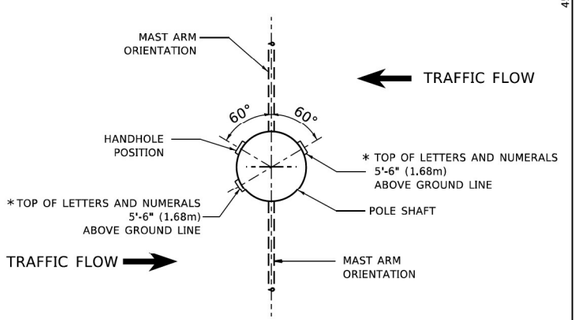
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	899	493A
		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



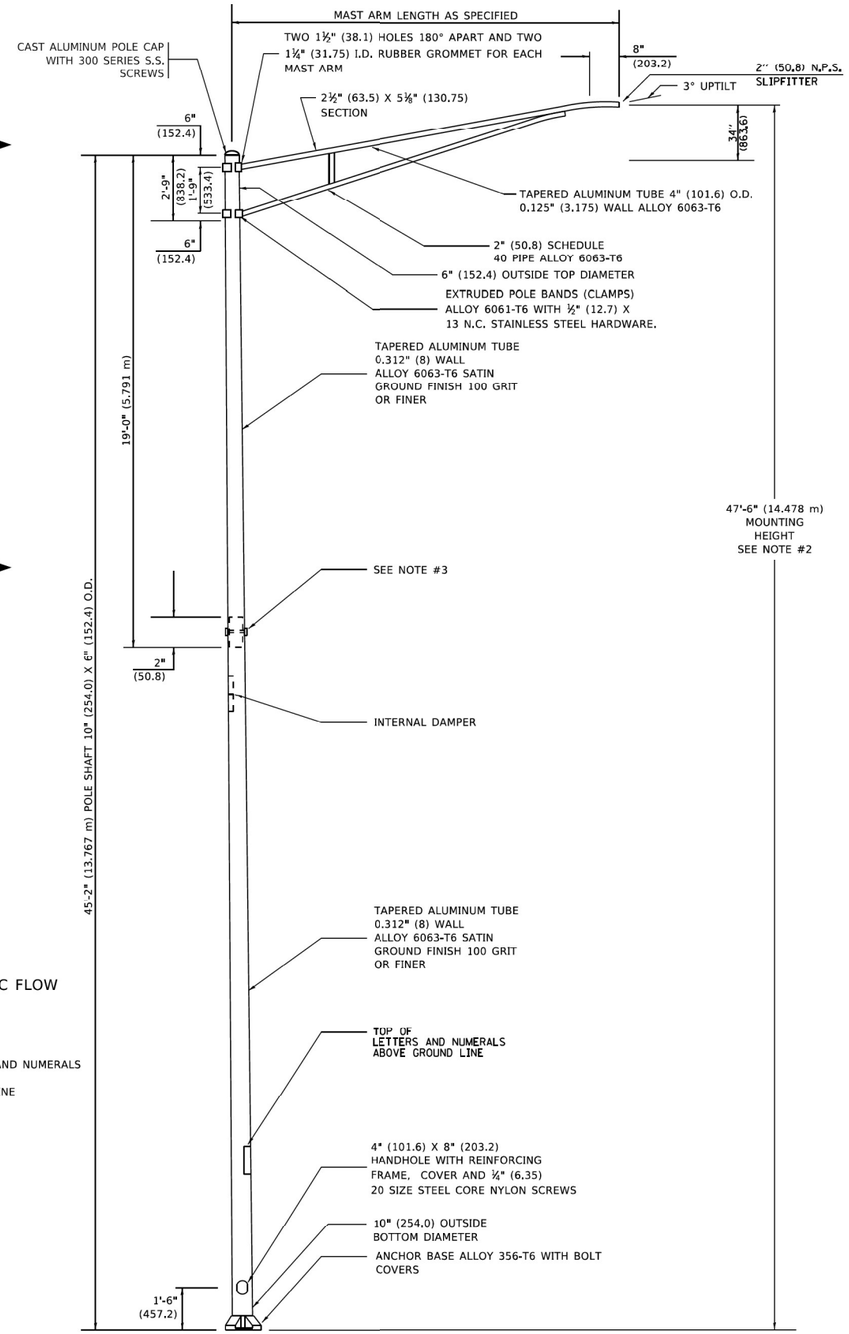
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL

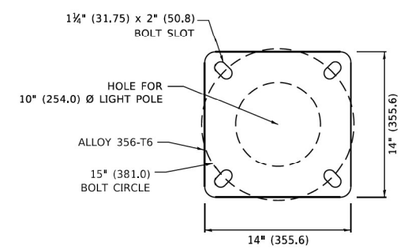


POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES



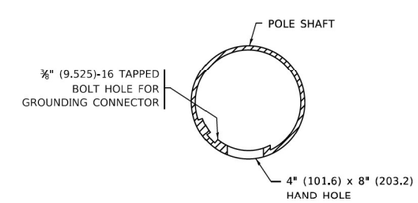
POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES





LIGHT POLE BASE PLATE DETAIL

15 INCH (381.0) BOLT CIRCLE



HANDHOLE DETAIL

(N.T.S.)

NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
3. TWO PIECE SHAFT WILL BE MATCHED MARKED AND INTERCHANGEABLE BETWEEN DIFFERENT UNITS. FIELD DRILLING OF THE HOLES WILL NOT BE ALLOWED.
4. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
5. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR. BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
6. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
7. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
8. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.

MODEL: 2D SHEET H
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-A01\DMS08073\62R29-SHT-LIGHT-DETAILS-01.DGN

HNTB

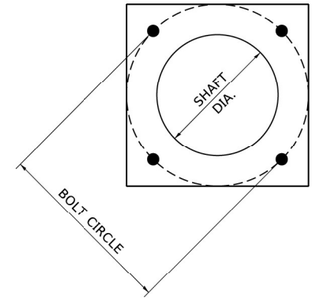
USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

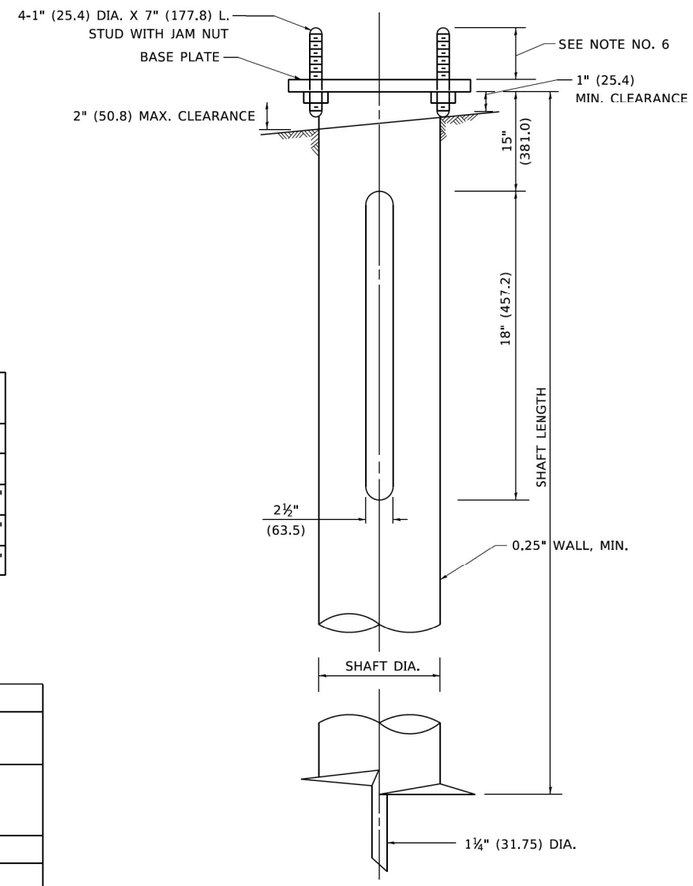
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALUMINUM LIGHT POLE
47'-6" (14.478 M) MOUNTING HEIGHT

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	494
	BE-400	CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		





NOTES

1. ALL DIMENSION IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. ALL MATERIAL SHALL BE GALVINIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
3. ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1#4" (6.35 mm) FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS (13558.18 n.m) OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
4. THE HELIX FOUNDATION SHAFT SHALL BE INSTALLED VERTICAL AND THE BASE PLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
5. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
6. THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASE PLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
7. ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH FINE AGGREGATE.
8. METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDTION IS NOT ALLOWED.
9. THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB (4,750 KNM). METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
10. THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS (± 1°) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
11. THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE (± 2°).
12. THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.

HELIX FOUNDATION SIZE

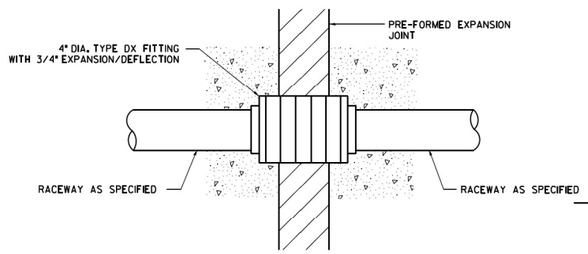
POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	11½"	8⅝"	6 FT.	12"x12"x1"
31 FT.-35 FT.	11½"	8⅝"	6 FT.	12"x12"x1"
36 FT.-40FT.	15"	8⅝"	6 FT.	15"x15"x1¼"
41 FT.-45 FT.	15"	8⅝"	6 FT.	15"x15"x1¼"
46 FT.-50 FT.	15"	10"	8 FT.	15"x15"x1¼"

METAL HELIX FOUNDATION MATERIALS

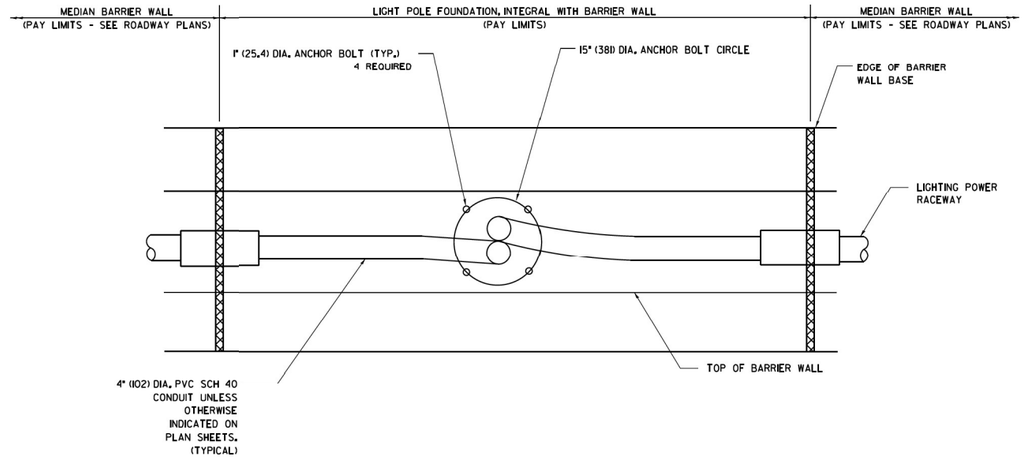
ITEM	MATERIAL REQUIREMENT
BASEPLATE	AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
SHAFT	ASTM A 252, GRADE 2 (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
HELIX SCREW	AASHTO M 183 (ASTM A 635)
PILOT POINT	AASHTO M 270 (ASTM A 575)
ANCHOR RODS/STUDS	AASHTO M 314 (ASTM F 1554)
HEXAGON NUTS	AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H
WASHERS	AASHTO M 293 (ASTM F 436)

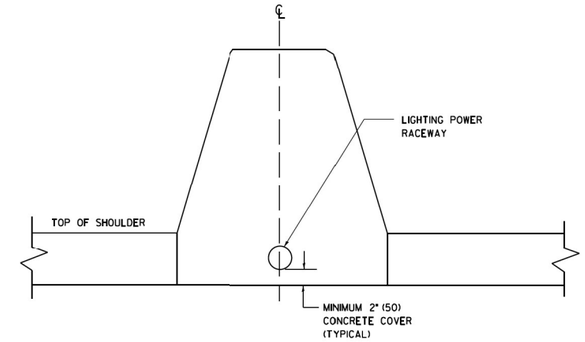
NOTES:

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORMS.
3. THE CONTRACTOR AT HIS OPTION MAY SUBSTITUTE #4 (15 m) TIES AT 12" (304.8 m) CTRS. FOR THE #3 (3 m) SPIRAL. TACKWELDED TYPE BOLT MAY BE SUBSTITUTED FOR THE HOOK TYPE BOLT.
4. COLD BENDING OF THE HOOK BOLT SHALL NOT BE ALLOWED.
5. EXCAVATION FOR THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER 24 INCHES (609.6 m) IN DIAMETER. ROCK EXCAVATION IF REQUIRED SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 502.
6. THE ENGINEER SHALL DETERMINE THE TYPE OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE USING THE DOMINANT CHARACTERISTIC OF THE SOIL ENCOUNTERED.
7. BARRIER WALL EXPANSION AND CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH STANDARD DETAIL 637006-05 AS APPLICABLE. SHAPE OF BARRIER TO MATCH ADJACENT BARRIER SECTIONS (TYPICAL OR VARIABLE HEIGHT).
8. ANCHOR RODS, NUTS, AND WASHERS SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS ARTICLES 1070.02 AND 1006.09.

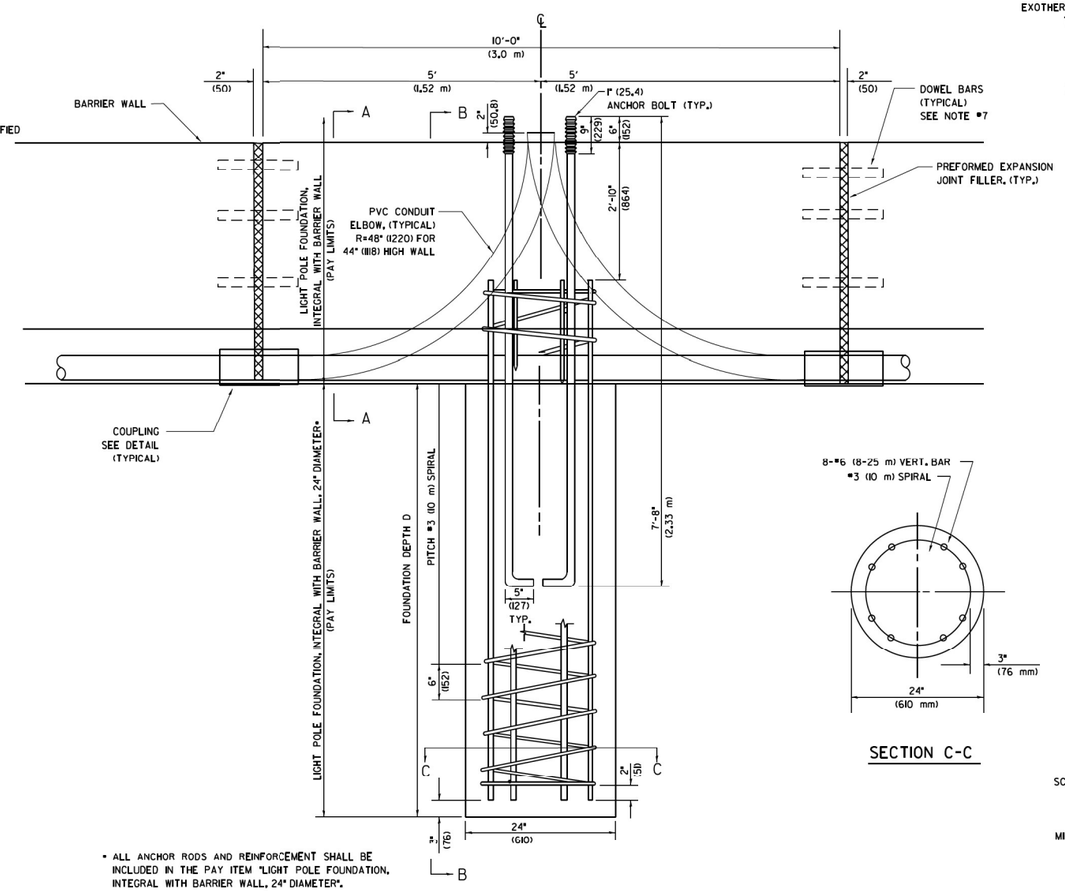


CONDUIT DEFLECTION FITTING DETAIL

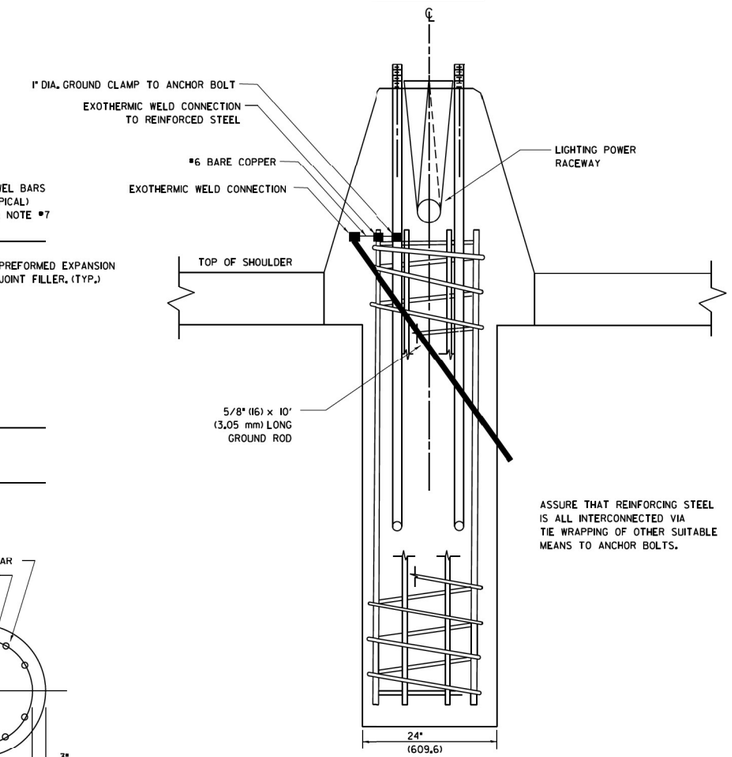




SECTION A-A

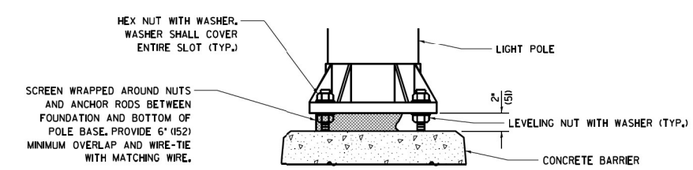


* ALL ANCHOR RODS AND REINFORCEMENT SHALL BE INCLUDED IN THE PAY ITEM "LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL, 24" DIAMETER".



SECTION B-B

SECTION C-C



ELEVATION AT CONCRETE BARRIER

FOUNDATION DEPTH

TYPE OF SOIL	FOUND DEPTH D	REINFORCEMENT IN FOUNDATION	
		VERTICAL BARS	SPIRAL
ROCK OR SOLIDIFIED SLAG	5'-0" (1.52 m)	NONE	NONE
DENSE SAND	7'-9" (2.36 m)	8-#6 x 9'-0" (8-20 m x 2.74 m)	#3 x 90' (3 m x 27.43 m)
MEDIUM SAND	8'-3" (2.51 m)	8-#6 x 9'-5" (8-20 m x 2.87 m)	#3 x 94' (3 m x 28.65 m)
LOOSE SAND	9'-0" (2.74 m)	8-#6 x 10'-2" (8-20 m x 3.09 m)	#3 x 100' (3 m x 30.48 m)
STIFF CLAY	7'-0" (2.13 m)	8-#6 x 10'-8" (8-20 m x 2.48 m)	#3 x 80' (3 m x 24.38 m)
MEDIUM CLAY	9'-6" (2.89 m)	8-#6 x 10'-8" (8-20 m x 3.25 m)	#3 x 104' (3 m x 31.69 m)
SOFT CLAY	13'-0" (3.96 m)	8-#6 x 14'-2" (8-20 m x 4.32 m)	#3 x 144' (3 m x 43.89 m)

MODEL: 2D SHEET H
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS4PW01\DMS08073\62R29-SHT-LIGHT-DETAILS-DGN_03.DGN

HNTB

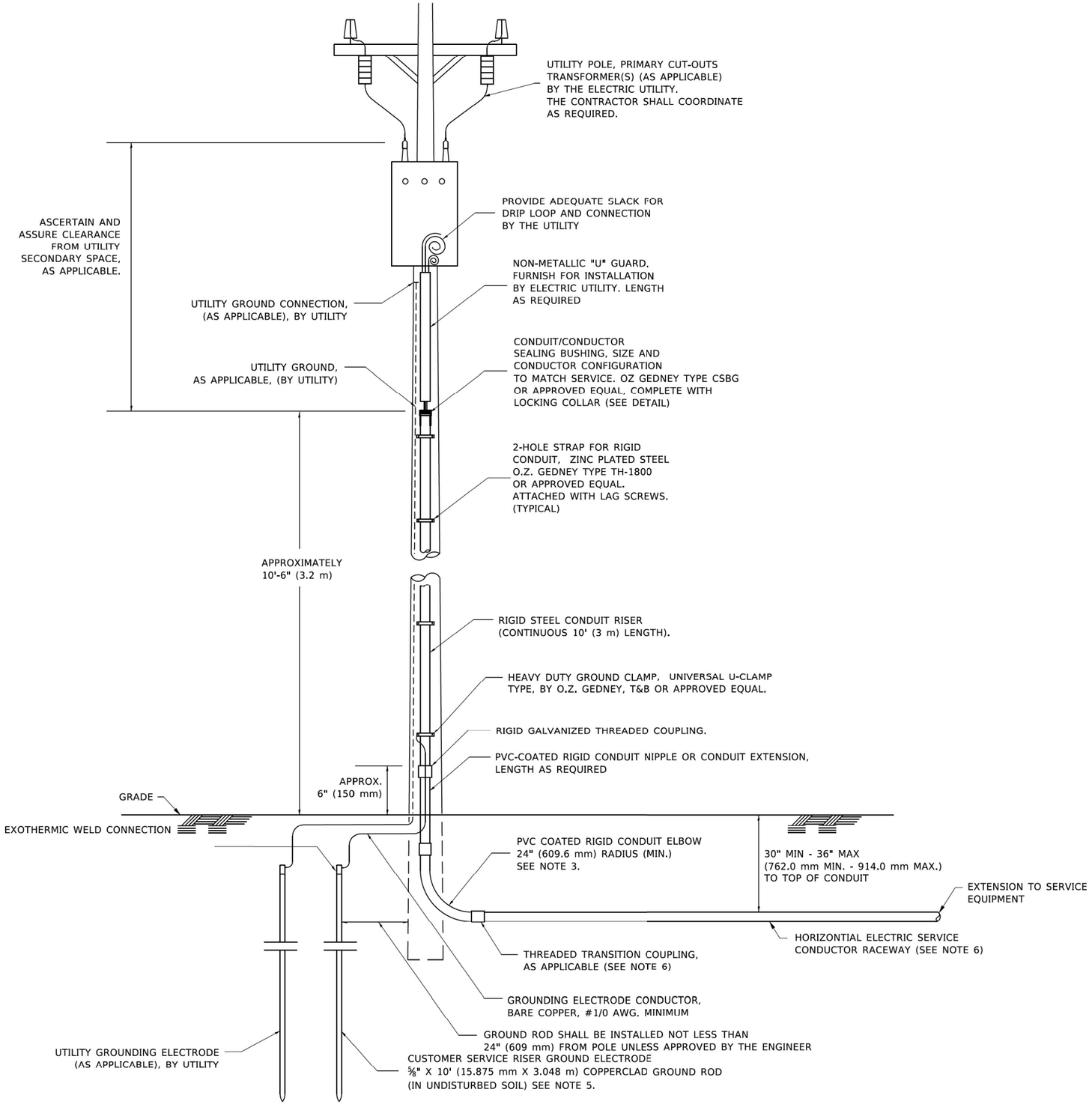
USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

24" (609.6 MM) DIA. LIGHT POLE FOUNDATION
INTEGRAL WITH DOUBLE FACE BARRIER WALL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	496
	BE-322	CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	

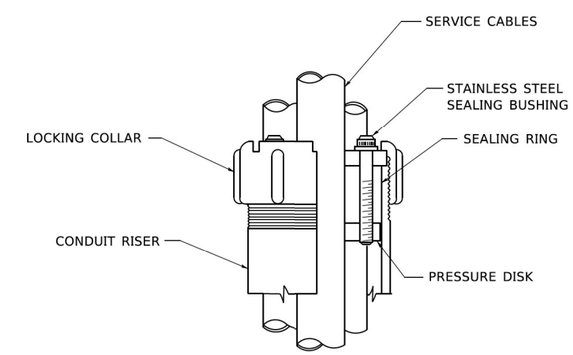


APPLICATION

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

NOTES

1. SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
2. UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
3. CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
4. PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
5. THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
6. THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
7. PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



SEALING BUSHING DETAIL

MODEL: 2D SHEET H
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-A01\DMS08073\62R53-SHT-LIGHT-DETAILS_04_01-DGN.DGN

HNTB

USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRIC SERVICE INSTALLATION
AERIAL, REMOTE DISCONNECT

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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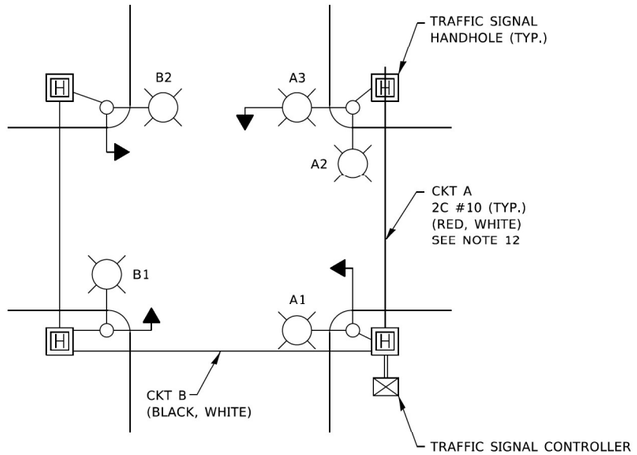
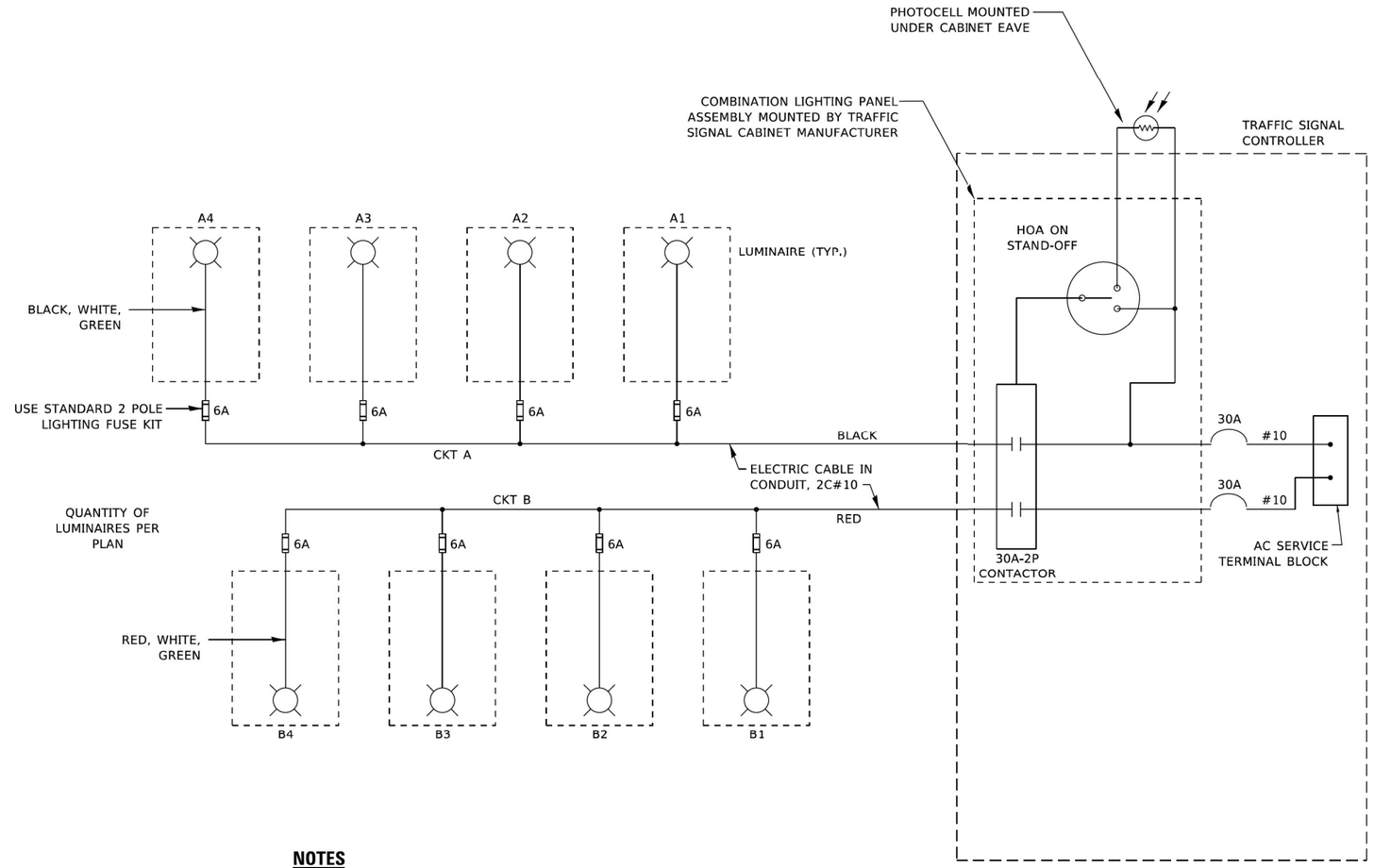
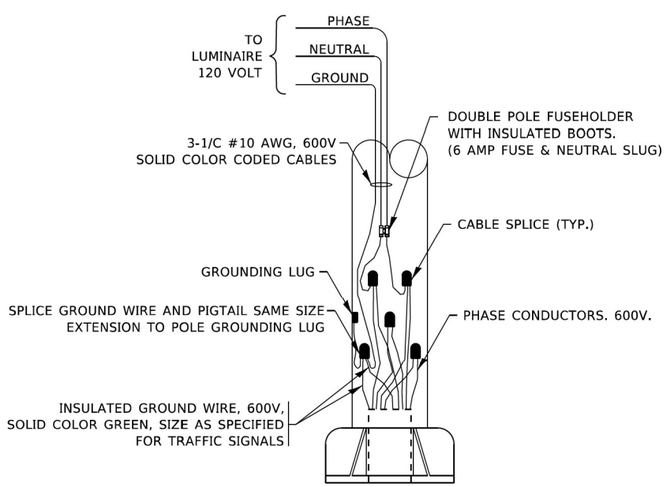
BE-220		CONTRACT NO. 62R29		
		ILLINOIS	FED. AID PROJECT	



TYPICAL LIGHTING CIRCUIT

(NOT TO SCALE)



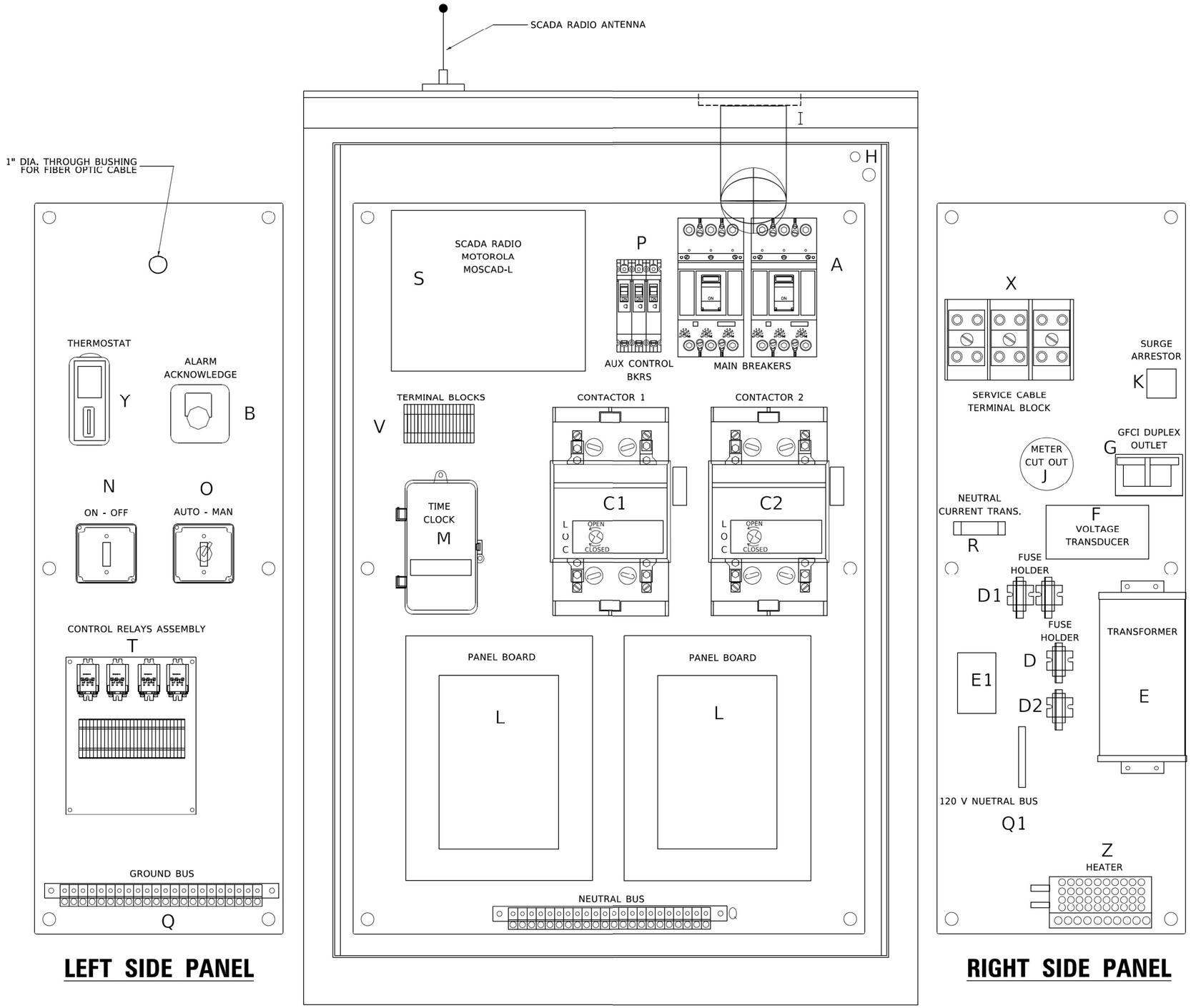


COMBINATION POLE WIRING DETAIL

(NOT TO SCALE)

NOTES

1. 4 LUMINAIRES PER CIRCUIT, MAXIMUM.
2. TWO #10 (XLP-TYPE USE) CABLES TO BE USED FOR LIGHTING CIRCUITS.
3. ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
4. ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY.
5. FOR LIGHTING CIRCUITS, CONNECT TWO CIRCUIT BREAKERS TO AC SERVICE TERMINAL BLOCK.
6. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
7. THE H.O.A. SWITCH SHALL BE LABELED AS "LIGHTING CONTROL" WITH THE POSITIONS "AUTO", "OFF" AND "TEST" WITH ENGRAVED NAME PLATES.
8. LIGHTING CONNECTED TO UPS BYPASS CIRCUIT.
9. COMBINATION LIGHTING MUST BE INSTALLED PRIOR TO SIGNAL TURN ON.
10. LUMINAIRE VOLTAGE SHALL BE 120V
11. POLE WIRING & FUSE KITS ARE INCLUDED IN THE LUMINAIRE PAY ITEM.
12. THE UNDERGROUND EQUIPMENT GROUND WIRE IS SHOWN IN THE TRAFFIC SIGNAL PLANS AND IS INCLUDED IN THE SIGNAL PLANS. IT IS SHARED GROUND BETWEEN SIGNALS AND LIGHTING.



LEFT SIDE PANEL

RIGHT SIDE PANEL

BILL OF MATERIALS

ITEM	QTY	DESCRIPTION
A	2	MAIN CIRCUIT BREAKERS 2 POLE 200 AMP WITH AUX CONTACT
B	1	ACKNOWLEDGE SWITCH, PUSH BUTTON WITH YELLOW INSERT
C1, C2 *	2	CONTACTOR 2 POLE 200 AMP 240V COIL WITH AUX CONTACTS
D	1	FINGERSAFE FUSE HOLDER WITH KTK - 20A FUSE
D1	2	FINGERSAFE FUSE HOLDER WITH KTK - ½ A FUSE
D2	1	FINGERSAFE FUSE HOLDER WITH KTK - 2A FUSE
E	1	2.0 KVA 277V-240/120 TRANSFORMER
E1	1	0.25 KVA240/ 120 - 24 VAC TRANSFORMER
F	1	VOLTAGE TRANSDUCER WITH COVER TERMINALS
G	1	20 AMP GFCI DUPLEX OUTLET W/COVER
H	2	DOOR SWITCH
I	1	LIGHT FIXTURE
J	1	METER FITTING 1 PHASE 3 WIRE 200 AMP
K	1	SURGE ARRESTER
L	2	PANEL BOARD 480/ 240V 1 PHASE, 250 AMP COPPER BUS
M	1	2 CHANNEL DIGITAL TIME CLOCK
N	1	MOMENTARY SWITCH ON - OFF
O	1	SQUARE D, 9001KS11BH13, 2 POSITION SWITCH IN 9001KY1 ENCLOSURE OR APPROVED EQUAL
P	2	BREAKER 1P 15A
Q	2	COPPER GROUND AND NEUTRAL BUS 1 X 16 X 1/4
Q1	1	COPPER NEUTRAL BUS WITH 1 #6 AND 8 #12 CONDUCTOR POINTS
R	1	CURRENT TRANSDUCER
S	1	MOTOROLA MOSCAD-L RADIO, 240 V
T *	1	CONTROL RELAY ASSEMBLY 240V COILS WITH 4 - 3PDT 25A RELAYS (W389ACX-15) (R1, R2, R3, R4). QTY 32 TERMINAL BLOCKS
V	20	TERMINAL BLOCKS
X *	1	620 AMP SPLICE BLOCK
Y	1	40-80 DEGREE THERMOSTAT
Z	1	375 WATT HEATER

* TERMINALS SHALL BE COVERED WITH CLEAR PLEXIGLASS SHEET

MODEL: 2D SHEET H
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW-01\DMS08073\62R29-SHT-LIGHT-DETAIL-SHEET-DGN_05-A.DGN

HNTB

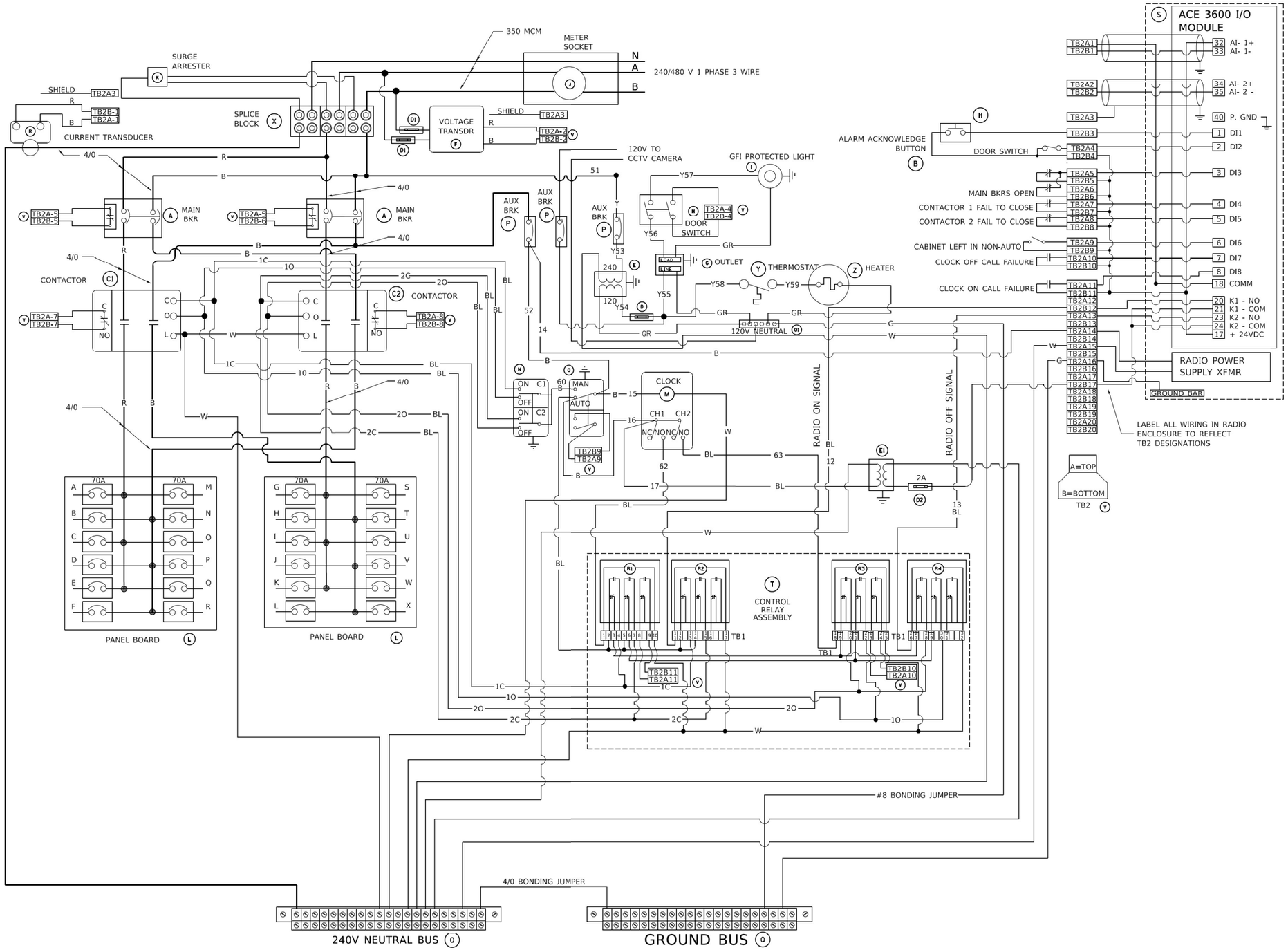
USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
	DRAWN - AJS	REVISED -	
PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
PLOT DATE = 6/29/2023	DATE - 6/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING CONTROLLER, BASE MOUNTED
480VOLT, 200AMP (DUAL) RADIO SCADA – FIBER OPTIC PROVISION

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	499
BE-206A		CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		



BILL OF MATERIALS

ITEM	QTY	DESCRIPTION
A	2	MAIN CIRCUIT BREAKERS 2 POLE 200 AMP WITH AUX CONTACT
B	1	ACKNOWLEDGE SWITCH, PUSH BUTTON WITH YELLOW INSERT
C1, C2 *	2	CONTACTOR 2 POLE 200 AMP 240V COIL WITH AUX CONTACTS
D	1	FINGERSAFE FUSE HOLDER WITH KTK - 20A FUSE
D1	2	FINGERSAFE FUSE HOLDER WITH KTK - ½ A FUSE
D2	1	FINGERSAFE FUSE HOLDER WITH KTK - 2A FUSE
E	1	2.0 KVA 277V-240/120 TRANSFORMER
E1	1	0.25 KVA240/ 120 - 24 VAC TRANSFORMER
F	1	VOLTAGE TRANSDUCER WITH COVER TERMINALS
G	1	20 AMP GFCI DUPLEX OUTLET W/COVER
H	2	DOOR SWITCH
I	1	LIGHT FIXTURE
J	1	METER FITTING 1 PHASE 3 WIRE 200 AMP
K	1	SURGE ARRESTER
L	2	PANEL BOARD 480/ 240V 1 PHASE, 250 AMP COPPER BUS
M	1	2 CHANNEL DIGITAL TIME CLOCK
N	1	MOMENTARY SWITCH ON - OFF
O	1	SQUARE D, 9001KS11BH13, 2 POSITION SWITCH IN 9001KY1 ENCLOSURE OR APPROVED EQUAL
P	2	BREAKER 1P 15A
Q	2	COPPER GROUND AND NEUTRAL BUS 1 X 16 X 1/4
Q1	1	COPPER NEUTRAL BUS WITH 1 #6 AND 8 #12 CONDUCTOR POINTS
R	1	CURRENT TRANSDUCER
S	1	MOTOROLA MOSCAD-L RADIO, 240 V
T *	1	CONTROL RELAY ASSEMBLY 240V COILS WITH 4 - 3PDT 25A RELAYS (W389ACX-15) (R1, R2, R3, R4). QTY 32 TERMINAL BLOCKS
V	20	TERMINAL BLOCKS
X *	1	620 AMP SPLICE BLOCK
Y	1	40-80 DEGREE THERMOSTAT
Z	1	375 WATT HEATER

* TERMINALS SHALL BE COVERED WITH CLEAR PLEXIGLASS SHEET

MODEL: 2D SHEET H
FILE NAME: C:\TRANSYSTEMS\PW_LOCAL\TRANSYSTEMS-PW401\DMS08073\62R29-SHT-LIGHT-DETAILS-DGN_05-8.DGN

HNTB

USER NAME = JBRYNDA	DESIGNED - AJS	REVISED -	
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PLOT SCALE = 0.166666 ' / IN.	CHECKED - MCD	REVISED -	
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DEPARTMENT OF TRANSPORTATION

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480VOLT, 200AMP (DUAL) RADIO SCADA – FIBER OPTIC PROVISION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	500
	BE-206B	CONTRACT NO. 62R29		
	ILLINOIS	FED. AID PROJECT		