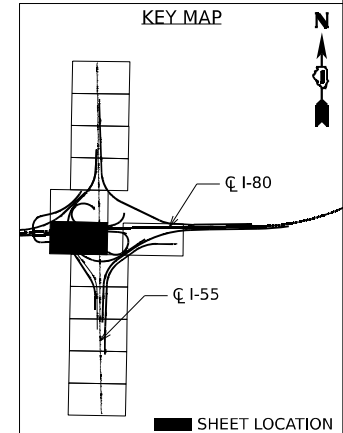
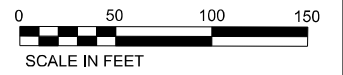
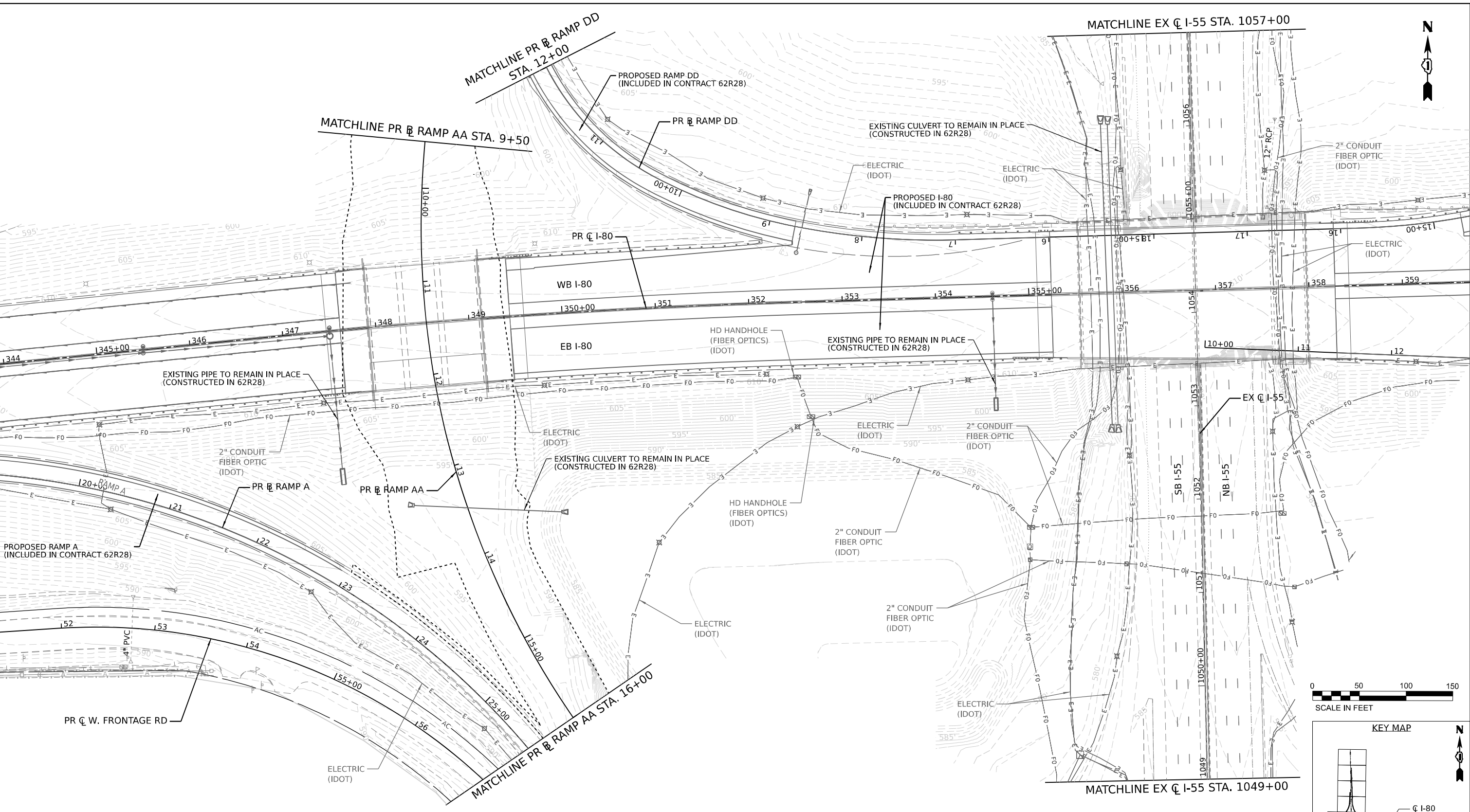


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LEGEND	
— F0 —	FIBER OPTIC
---	LIMITS OF CONSTRUCTION
— A —	AERIAL
— O —	OIL
— T —	TELEPHONE
— G —	GAS
— E —	ELECTRIC
[Symbol]	DOUBLE HANDHOLE
[Symbol]	HANDHOLE
[Symbol]	JUNCTION BOX
[Symbol]	POWER POLE
[Symbol]	LINEAR REMOVAL ITEM
[Symbol]	DRAINAGE REMOVAL ITEM (EACH)



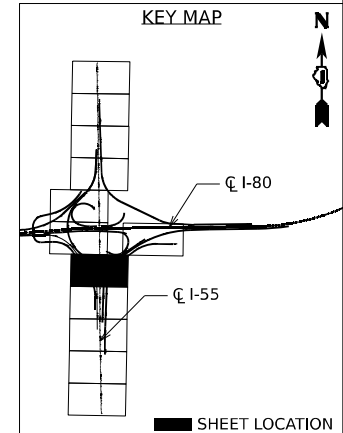
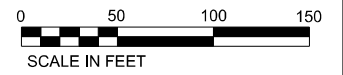
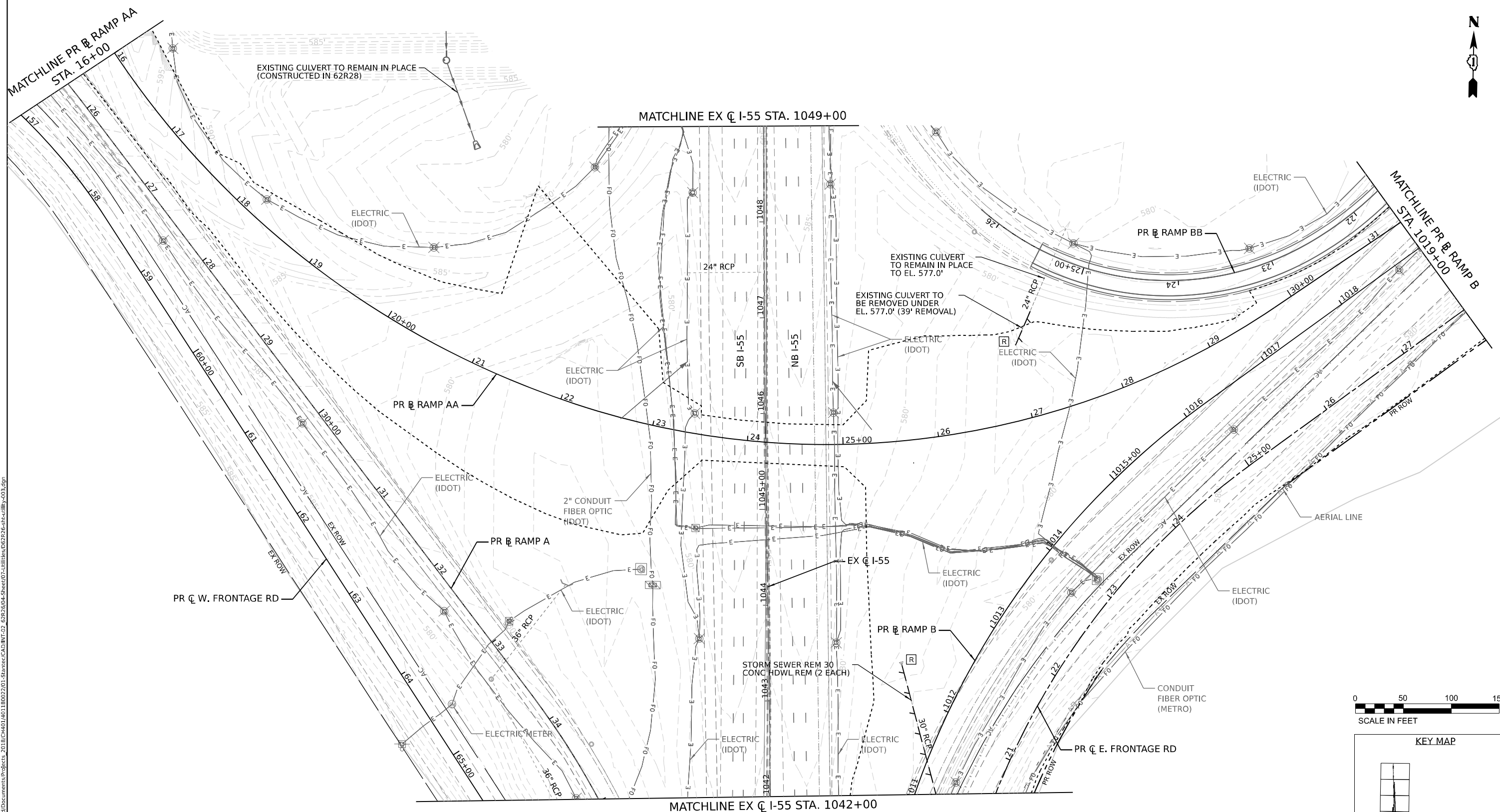
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE AND UTILITY PLAN

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	201
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	



LEGEND	
— A —	AERIAL
— G —	GAS
— T —	TELEPHONE
— O —	OIL
— E —	ELECTRIC
— F.O. —	FIBER OPTIC
---	LIMITS OF CONSTRUCTION
□	DOUBLE HANDHOLE
□	HANDHOLE
□	JUNCTION BOX
□	POWER POLE
—	LINEAR REMOVAL ITEM
—	DRAINAGE REMOVAL ITEM (EACH)

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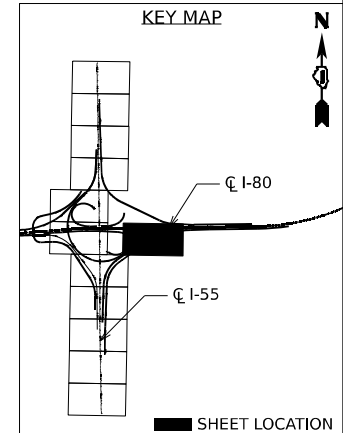
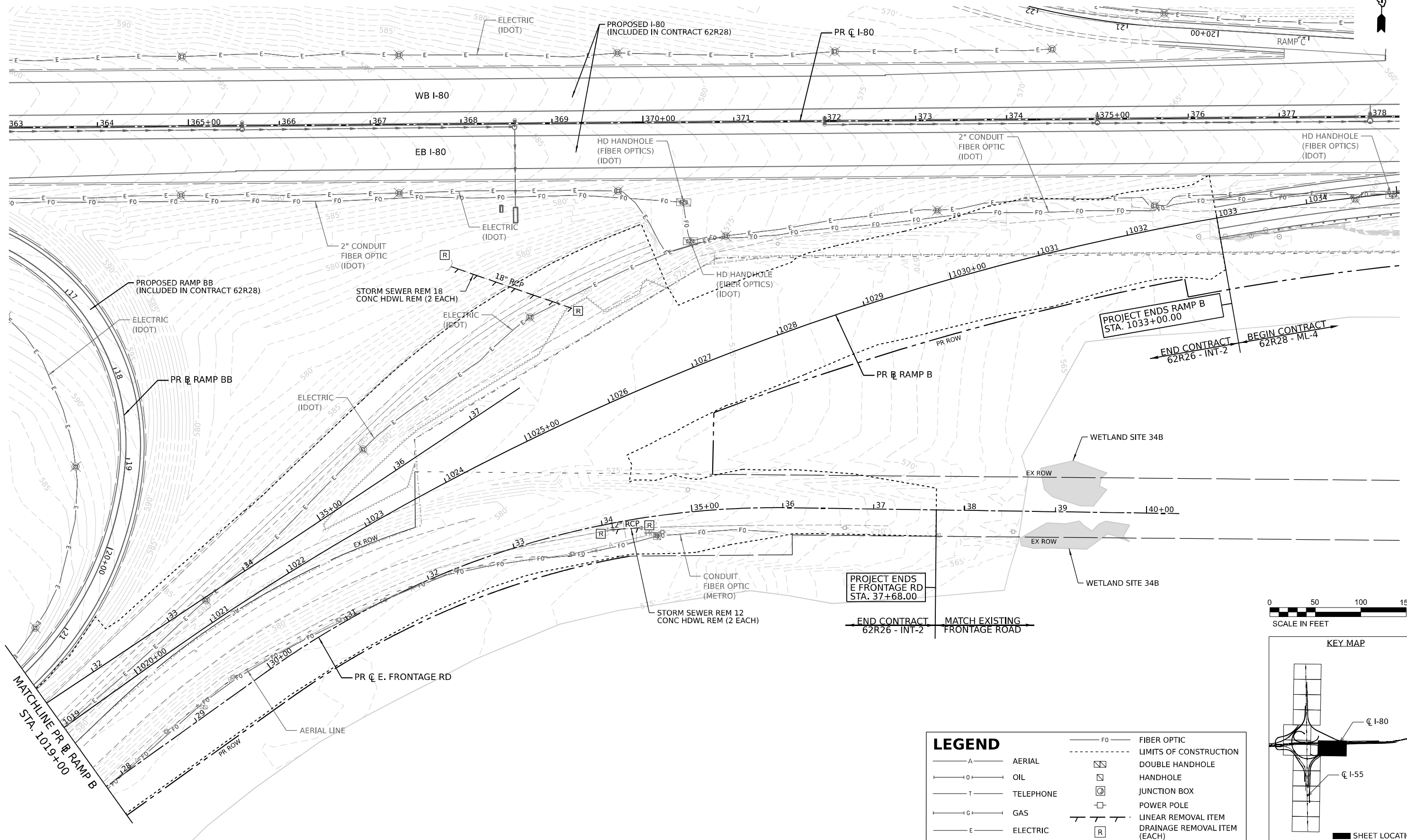
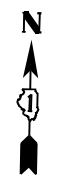
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE AND UTILITY PLAN

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	202
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	



LEGEND	
— A —	AERIAL
— O —	OIL
— T —	TELEPHONE
— G —	GAS
— E —	ELECTRIC
— FO —	FIBER OPTIC
- - - - -	LIMITS OF CONSTRUCTION
[Symbol]	DOUBLE HANDHOLE
[Symbol]	HANDHOLE
[Symbol]	JUNCTION BOX
[Symbol]	POWER POLE
[Symbol]	LINEAR REMOVAL ITEM
[Symbol]	DRAINAGE REMOVAL ITEM (EACH)

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	DATE -	REVISED -

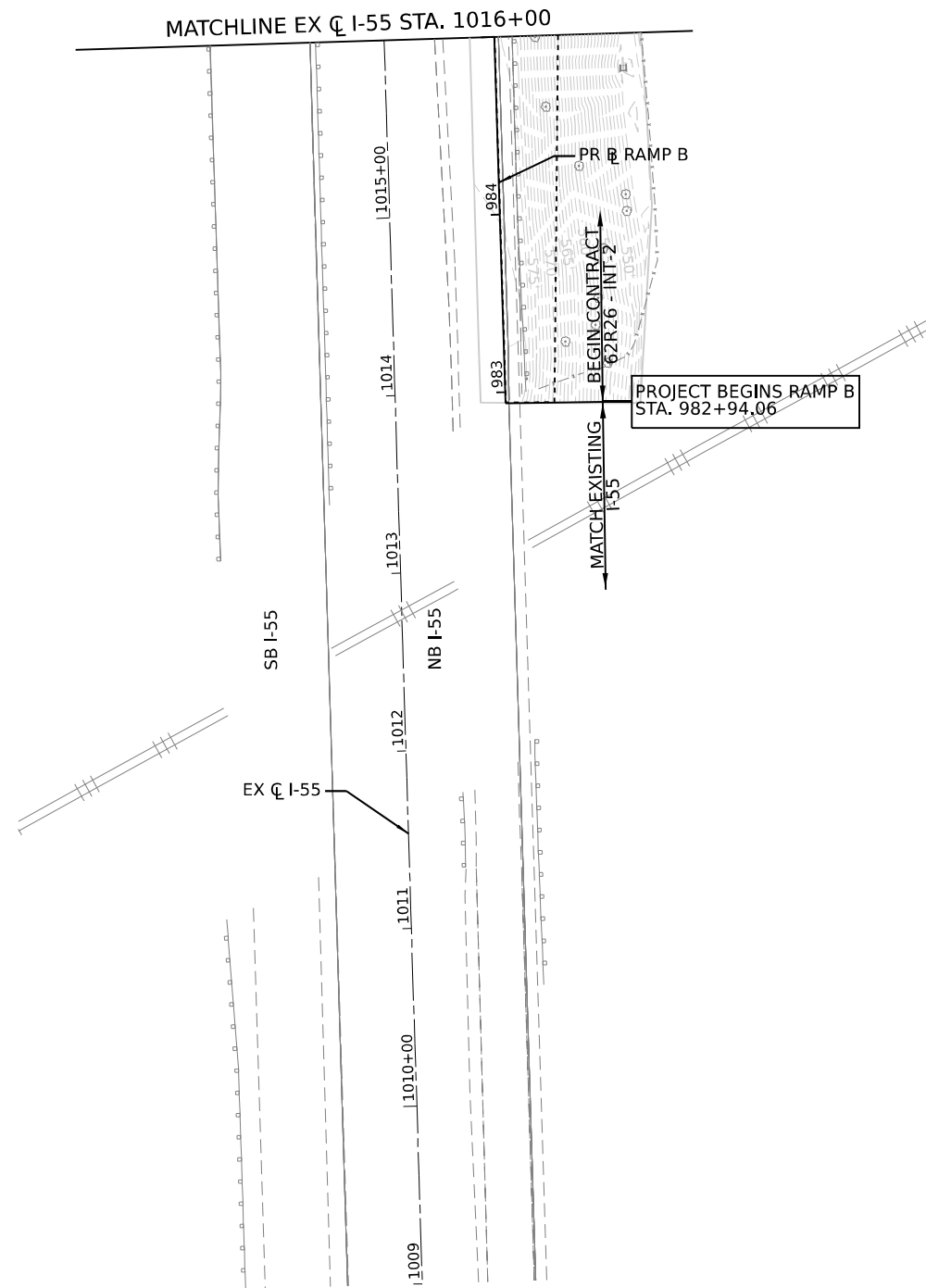
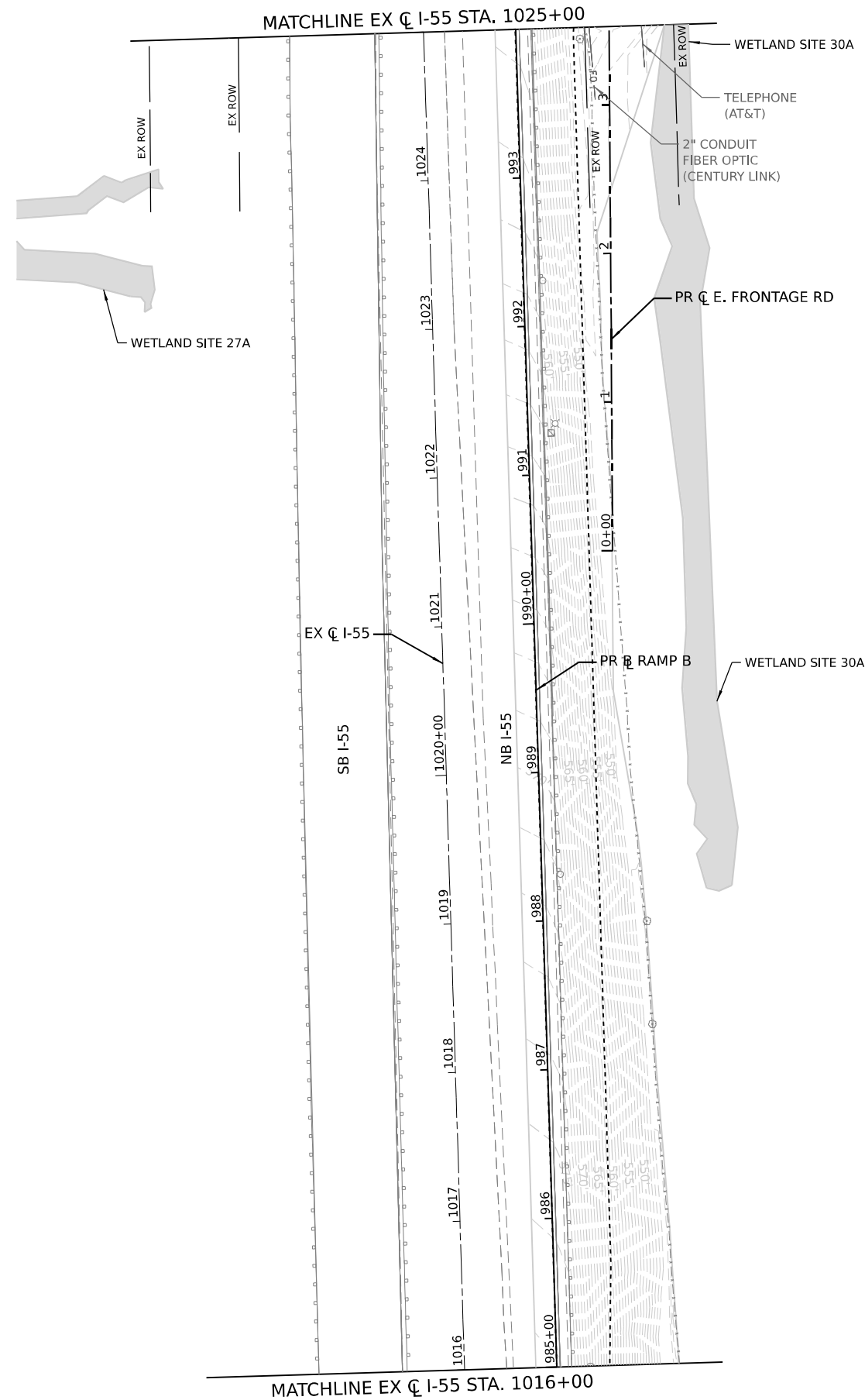
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE AND UTILITY PLAN

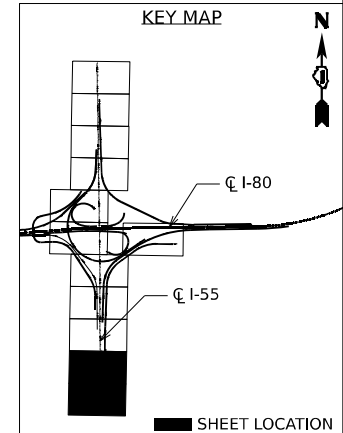
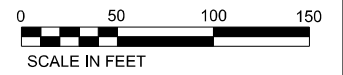
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	203
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

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LEGEND	
— F0 —	FIBER OPTIC
— A —	AERIAL
— O —	OIL
— T —	TELEPHONE
— G —	GAS
— E —	ELECTRIC
---	LIMITS OF CONSTRUCTION
□	DOUBLE HANDHOLE
□	HANDHOLE
⊙	JUNCTION BOX
□	POWER POLE
—	LINEAR REMOVAL ITEM
⊠	DRAINAGE REMOVAL ITEM (EACH)



USER NAME = jstrouse	DESIGNED -	REVISED -
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	DATE -	REVISED -

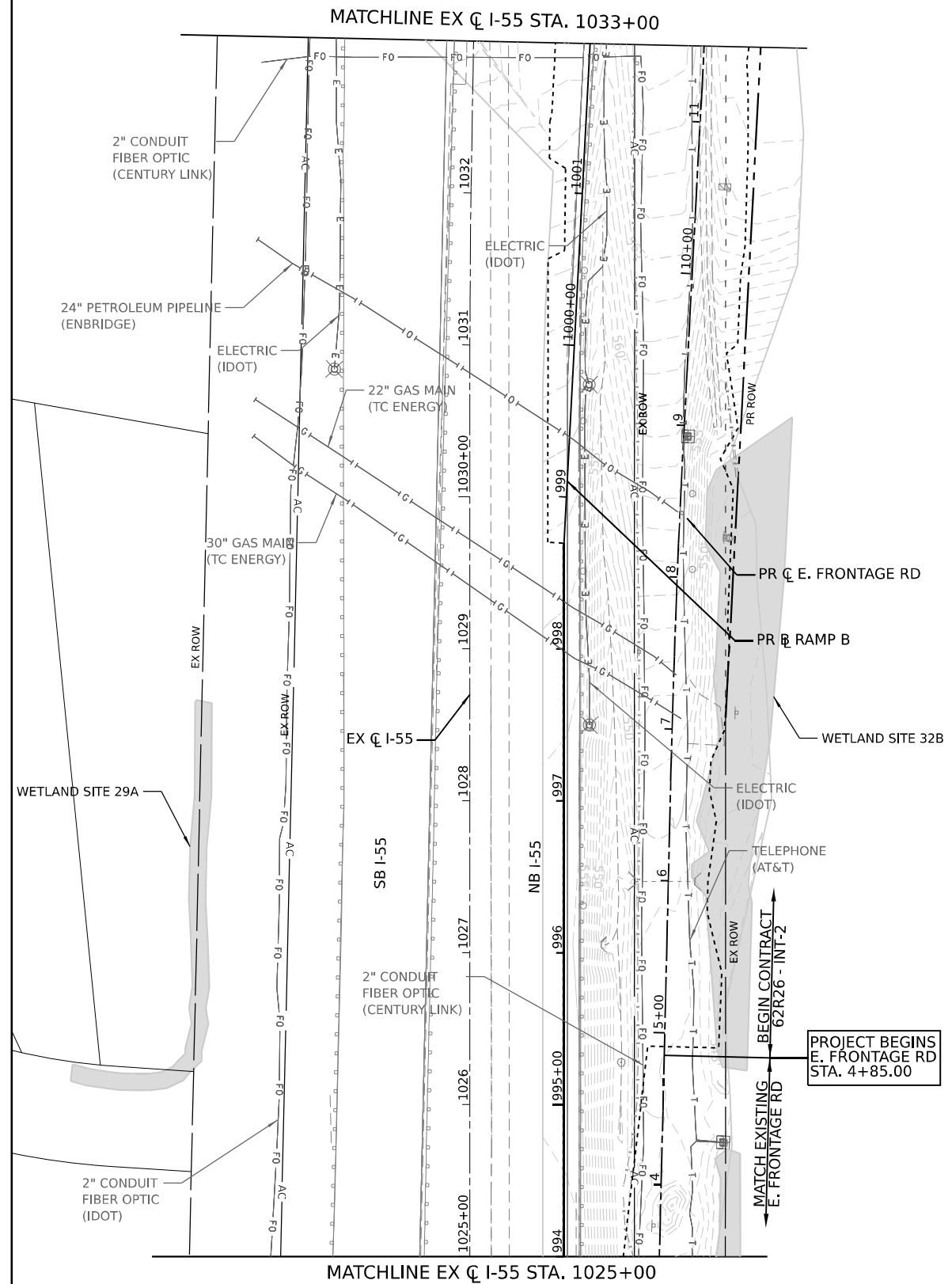
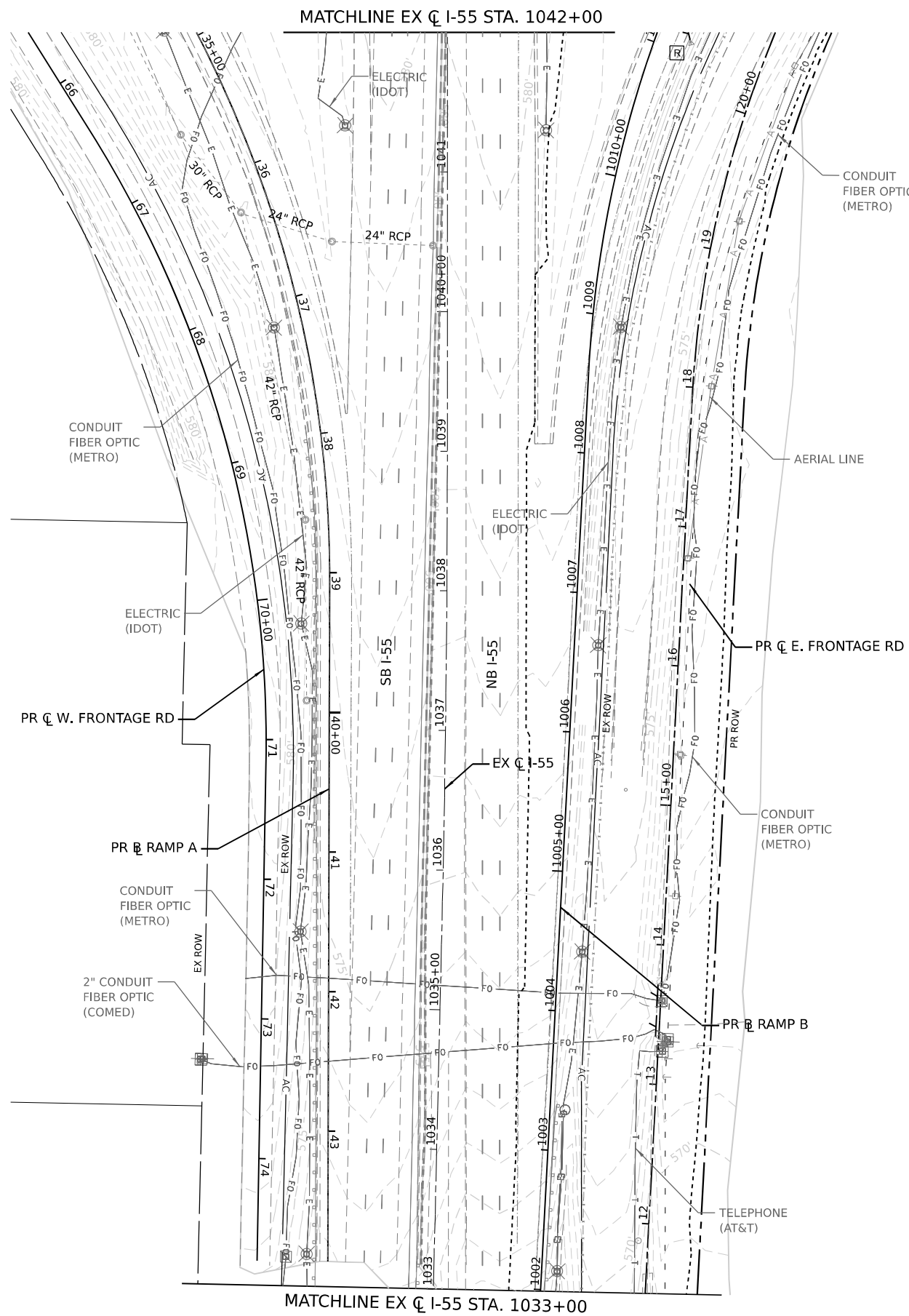
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE AND UTILITY PLAN

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

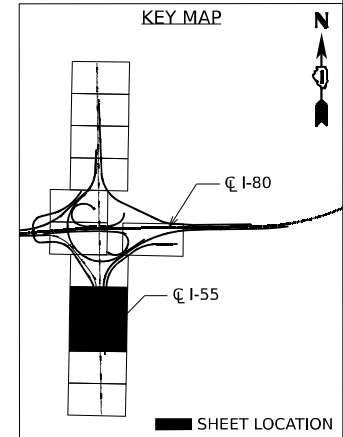
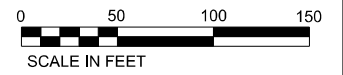
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	204
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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LEGEND

	AERIAL		FIBER OPTIC
	OIL		LIMITS OF CONSTRUCTION
	TELEPHONE		DOUBLE HANDHOLE
	GAS		HANDHOLE
	ELECTRIC		JUNCTION BOX
	AERIAL		POWER POLE
	AERIAL		LINEAR REMOVAL ITEM
	AERIAL		DRAINAGE REMOVAL ITEM (EACH)



USER NAME	= jstrouse	DESIGNED	-	REVISED	-
DRAWN	-	REVISIONS	-	REVISIONS	-
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PLOT DATE	= 5/31/2024	DATE	-	REVISIONS	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE AND UTILITY PLAN

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	205
CONTRACT NO. 62R26				

ILLINOIS FED. AID PROJECT

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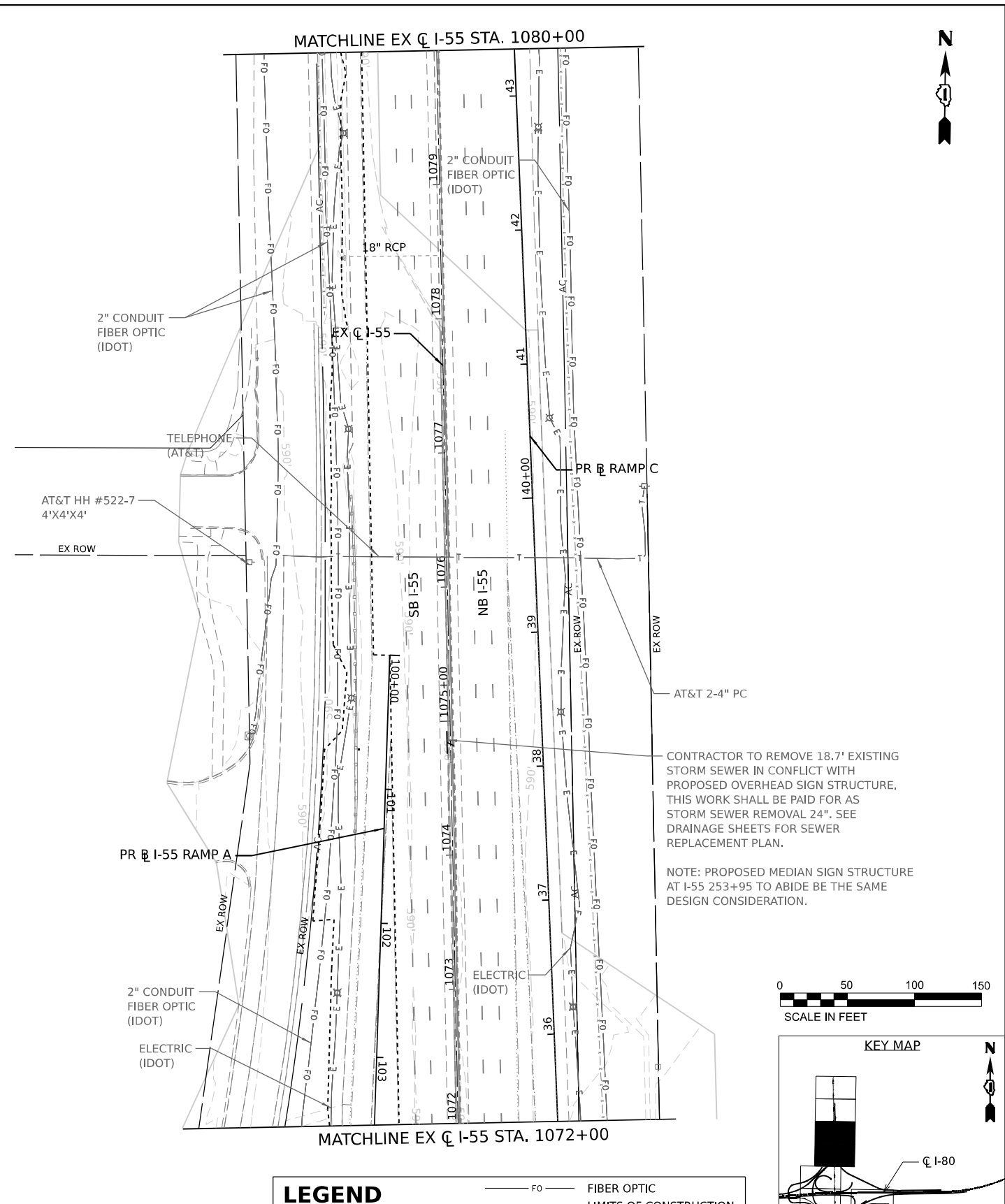
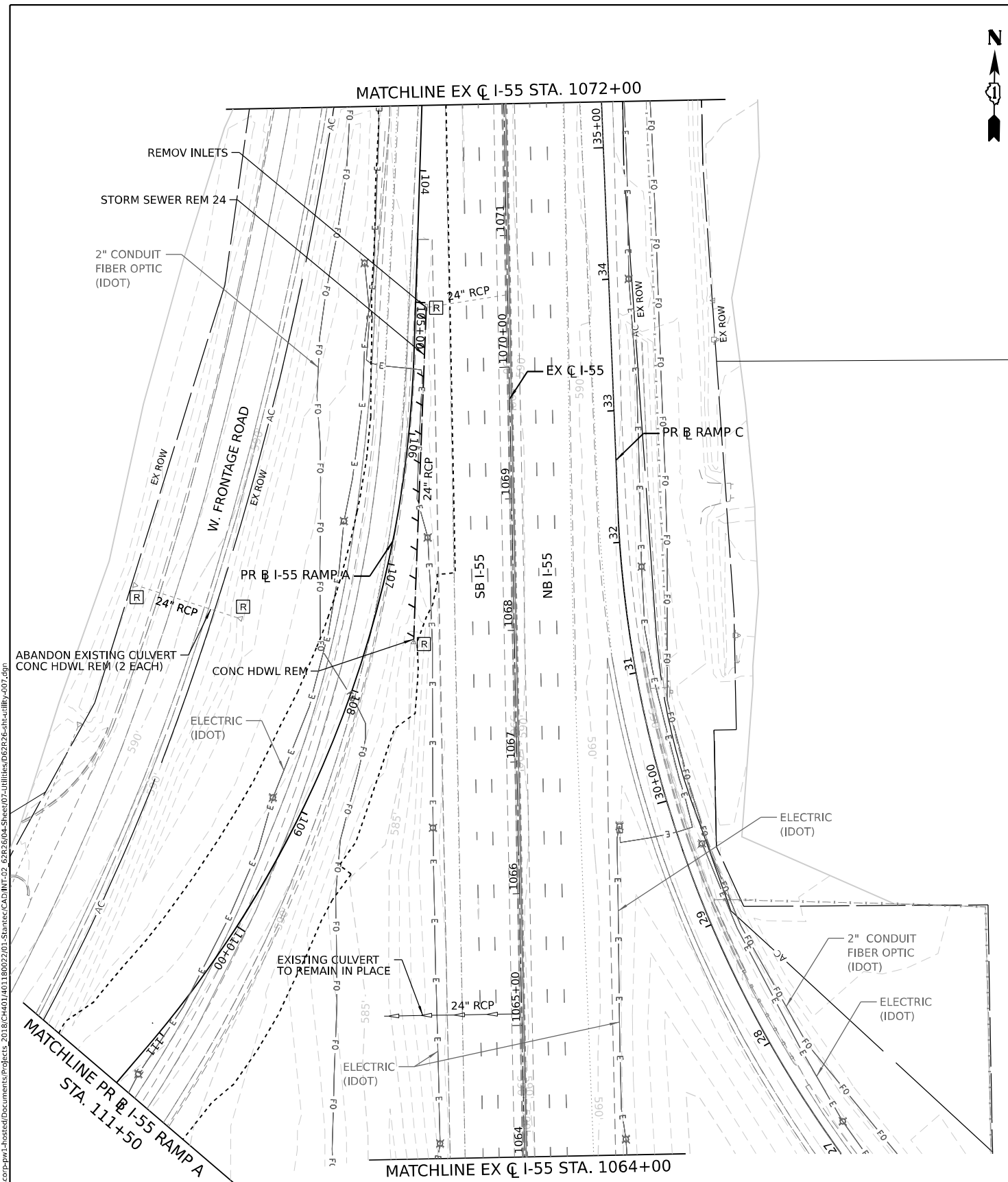
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE AND UTILITY PLAN

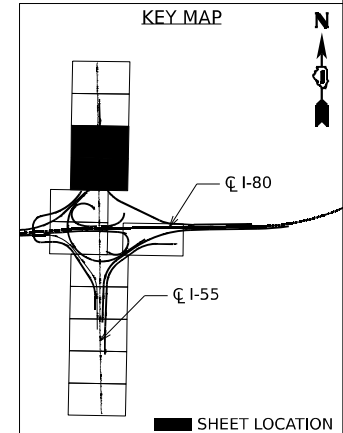
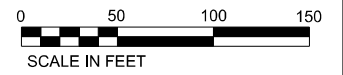
SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	206
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	



LEGEND

— A —	AERIAL	— FO —	FIBER OPTIC
— O —	OIL	- - - -	LIMITS OF CONSTRUCTION
— T —	TELEPHONE	□	DOUBLE HANDHOLE
— G —	GAS	□	HANDHOLE
— E —	ELECTRIC	□	JUNCTION BOX
		□	POWER POLE
		— / — /	LINEAR REMOVAL ITEM
		□	DRAINAGE REMOVAL ITEM (EACH)



CONTRACTOR TO REMOVE 18.7' EXISTING STORM SEWER IN CONFLICT WITH PROPOSED OVERHEAD SIGN STRUCTURE. THIS WORK SHALL BE PAID FOR AS STORM SEWER REMOVAL 24". SEE DRAINAGE SHEETS FOR SEWER REPLACEMENT PLAN.

NOTE: PROPOSED MEDIAN SIGN STRUCTURE AT I-55 253+95 TO ABIDE BE THE SAME DESIGN CONSIDERATION.

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 Date: 5/31/2024



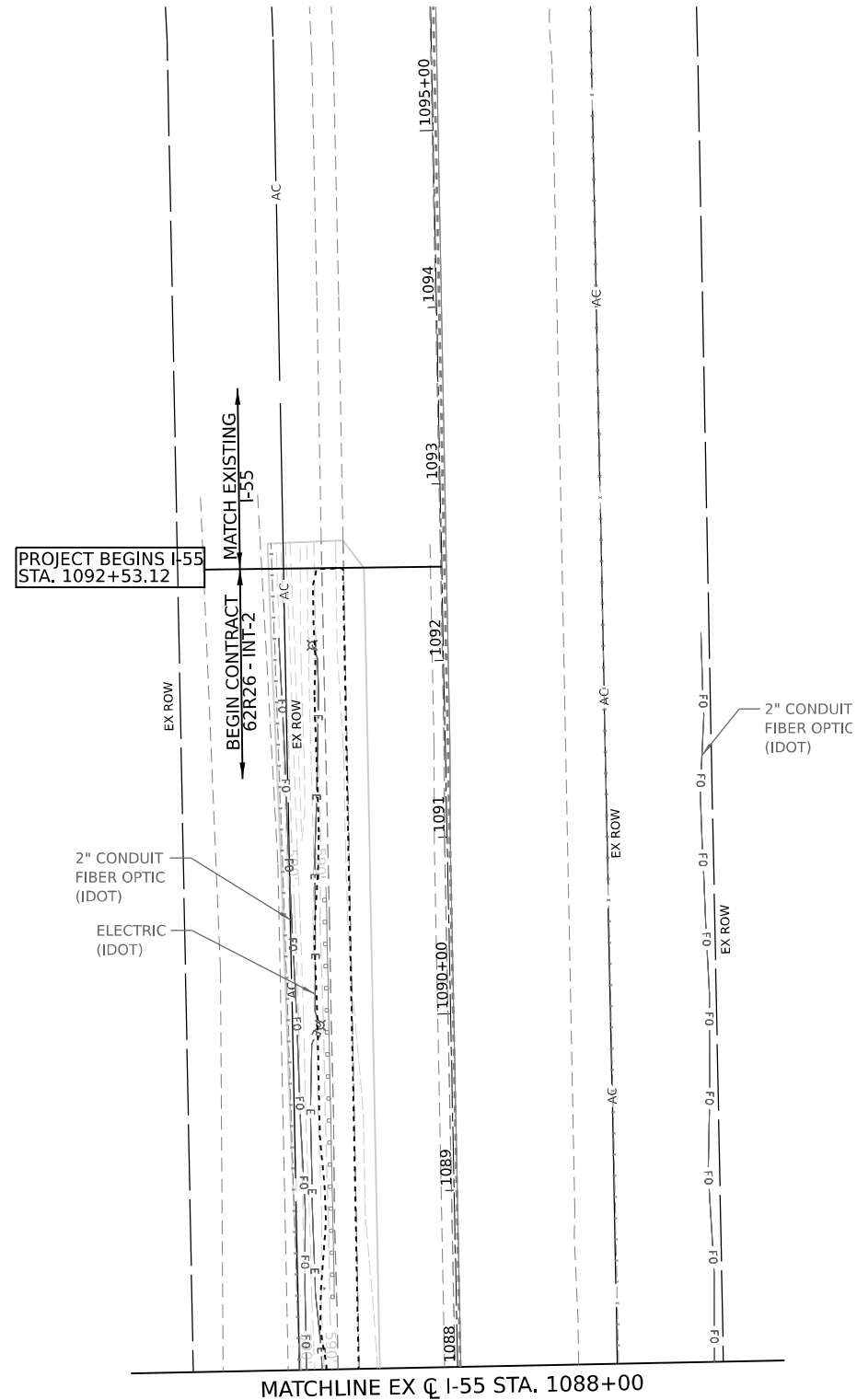
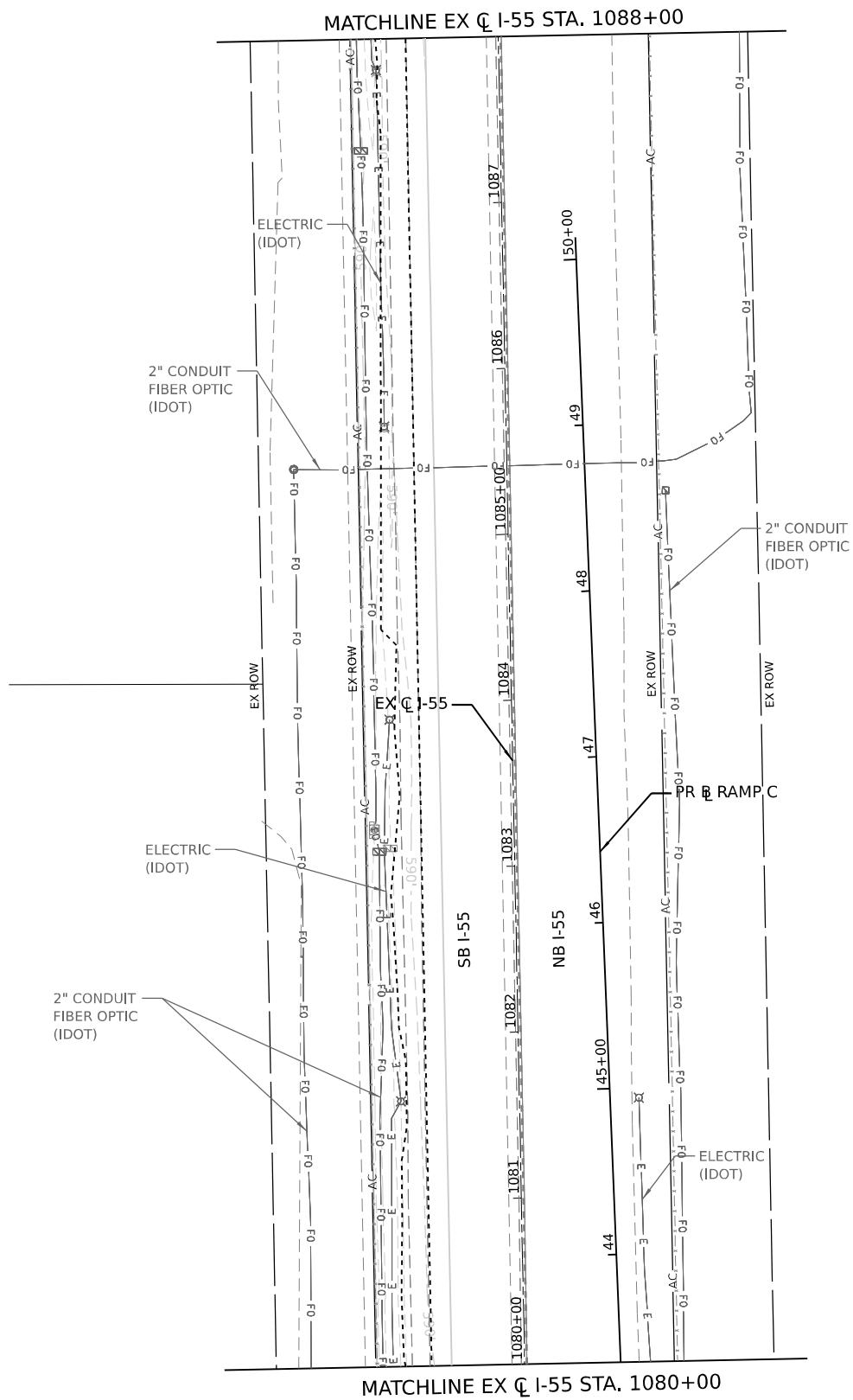
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING DRAINAGE AND UTILITY PLAN

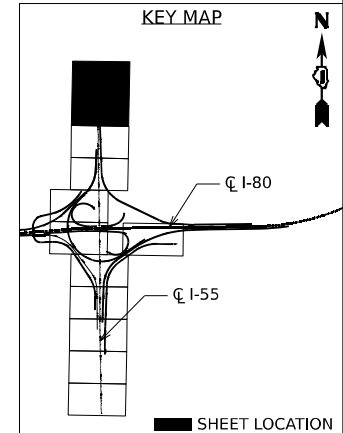
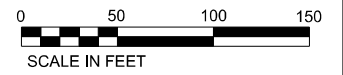
SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	207
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	



LEGEND

— A —	AERIAL	— FO —	FIBER OPTIC
— O —	OIL	- - - - -	LIMITS OF CONSTRUCTION
— T —	TELEPHONE	□	DOUBLE HANDHOLE
— G —	GAS	□	HANDHOLE
— E —	ELECTRIC	□	JUNCTION BOX
		□	POWER POLE
		— / — / —	LINEAR REMOVAL ITEM
		□	DRAINAGE REMOVAL ITEM (EACH)



S121 STA. 2+69, 2.0' LT
INLETS TA T20F&G
RIM = 589.68
INV E = 585.68

S122 STA. 2+29, 2.0' LT
INLETS TA T20F&G
RIM = 589.61
INV W = 585.61

S123 STA. 2+49, 2.0' LT
CB TA 4 DIA T20 F&G
RIM = 589.60
INV W = 585.58
INV E = 585.51
INV S = 584.31

S124 STA. 2+49, 65.0' LT
PRC FES 18"
INV = 584.00

P121 STORM SEWERS CLASS A,
TYPE 2 - 15"
0.50% @ 20.0 FT

P122 STORM SEWERS CLASS A,
TYPE 2 - 15"
0.50% @ 20.0 FT

P123 STORM SEWERS CLASS A,
TYPE 2 - 18"
0.50% @ 61.1 FT

S105 STA. 14+50, 29.3' RT
PRC FES 24"
DS INV = 587.75

S106 STA. 14+50, 37.2' LT
PRC FES 24"
US INV = 591.95

P102 STORM SEWERS CLASS A,
TYPE 1 - 24"
2.41% @ 54.2 FT

P103 STORM SEWERS CLASS A,
TYPE 1 - 24"
3.97% @ 66.5 FT

S126 STA. 4+05, 3.0' LT
INLETS TA T20F&G
RIM = 590.22
INV W = 585.71

S127 STA. 4+05, 26.8 LT
PRC FES 15"
INV = 585.63

P123 STORM SEWERS CLASS A,
TYPE 2 - 15"
0.50% @ 15.7 FT

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PROJECT LIMITS
PR RAMP D
STA. 16+00.00

BEGIN CONTRACT
62R28 - ML-4
END CONTRACT
62R26 - INT-2

MATCHLINE PR RAMP AA
STA. 9+50 SHEET 2

MATCHLINE PR RAMP DD
STA. 12+00 SHEET 2

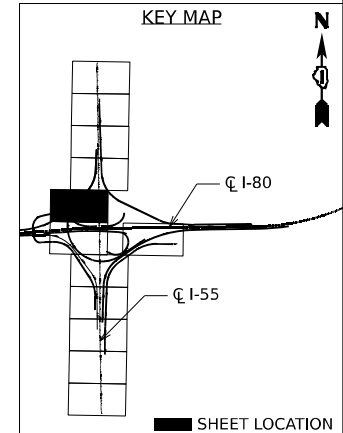
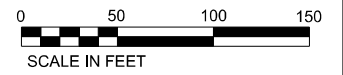
MATCHLINE PR RAMP A
STA. 111+50 SHEET 7

MATCHLINE EX Q I-55
STA. 1064+00 SHEET 7

MATCHLINE EX Q I-55
STA. 1057+00 SHEET 2

DRAINAGE LEGEND

- DITCH FLOW ARROW
- PIPE UNDERDRAINS
- STORM SEWER
- SUMMIT
- P101 STORM SEWER
- S101 DRAINAGE STRUCTURE



FIBER OPTIC TO BE RELOCATED
PRIOR TO STAGING SEQUENCE
PHASE I OF CONTRACT 62R28.
SEE ITS RELOCATION IN
CONTRACT 62R28 PLANS.



USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	208
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

S107 STA. 9+60, 45.1' RT
PRC FLAR END SEC 18"
DS INV = 589.06

P104 STORM SEWERS CLASS A,
TYPE 2 - 18"
0.91% @ 62.7 FT

S108 STA. 9+60, 18.5' LT
PRC FLAR END SEC 18"
US INV = 589.64

S132 STA. 13+05, 31.0' LT
PRC FLAR END SEC 24"
DS INV = 583.50

P132 STORM SEWERS CLASS A,
TYPE 2 - 24"
0.51% @ 97.5 FT

S133 STA. 13+76, 96.7' LT
PRC FLAR END SEC 24"
DS INV = 583.00

P134 STORM SEWERS CLASS A,
TYPE 2 - 24"
0.66% @ 76.3 FT

S134 STA. 14+50, 30.4' LT
PRC FLAR END SEC 24"
DS INV = 583.50

S135 STA. 14+50, 76.3' LT
PRC FLAR END SEC 24"
DS INV = 583.00

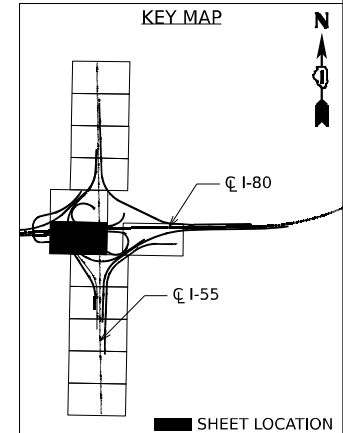
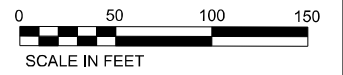
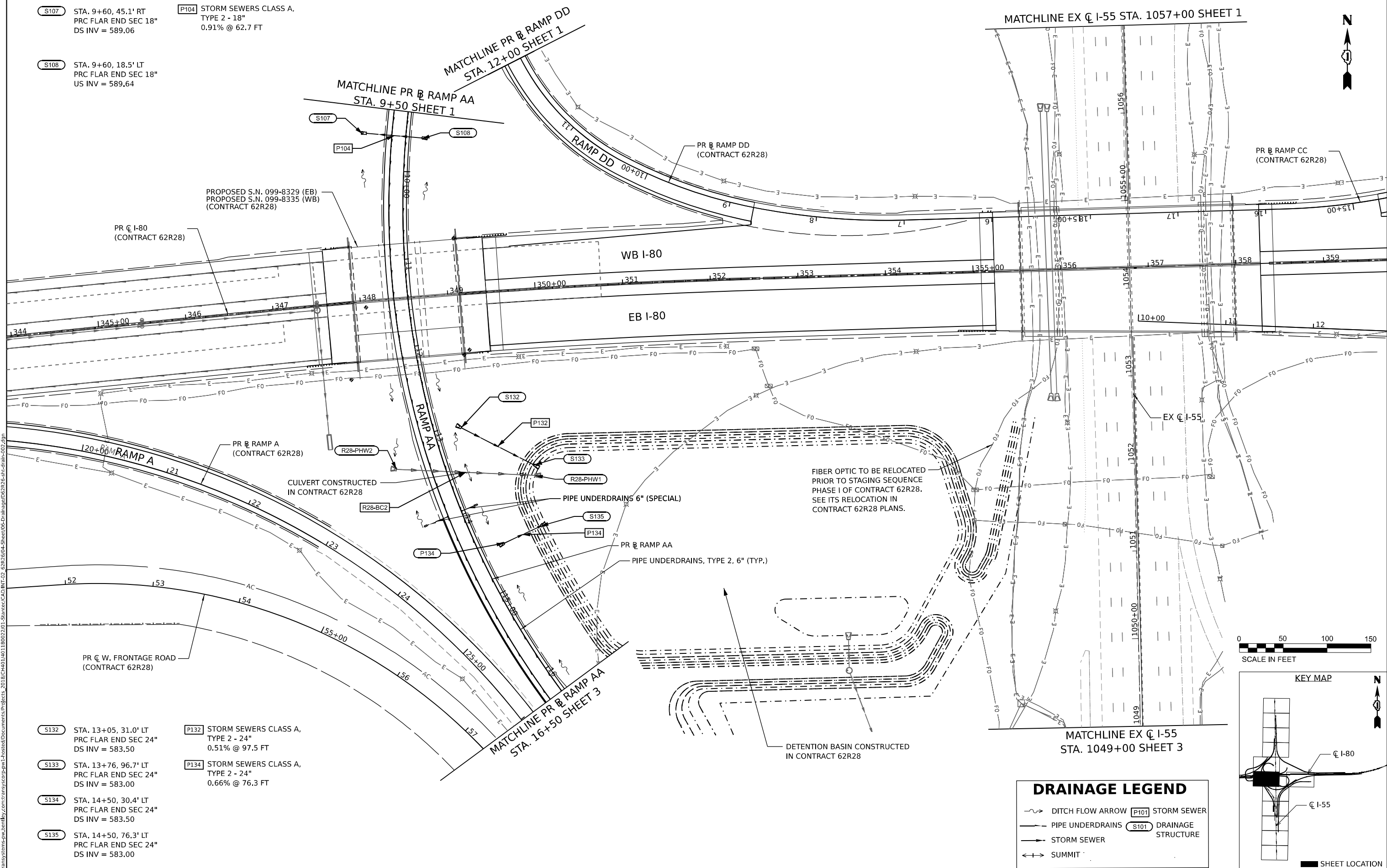
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MATCHLINE PR RAMP AA
STA. 9+50 SHEET 1

MATCHLINE PR RAMP DD
STA. 12+00 SHEET 1

MATCHLINE EX Q I-55
STA. 1049+00 SHEET 3

MATCHLINE PR RAMP AA
STA. 16+50 SHEET 3



DRAINAGE LEGEND

- DITCH FLOW ARROW
- PIPE UNDERDRAINS
- STORM SEWER
- SUMMIT
- P101 STORM SEWER
- S101 DRAINAGE STRUCTURE



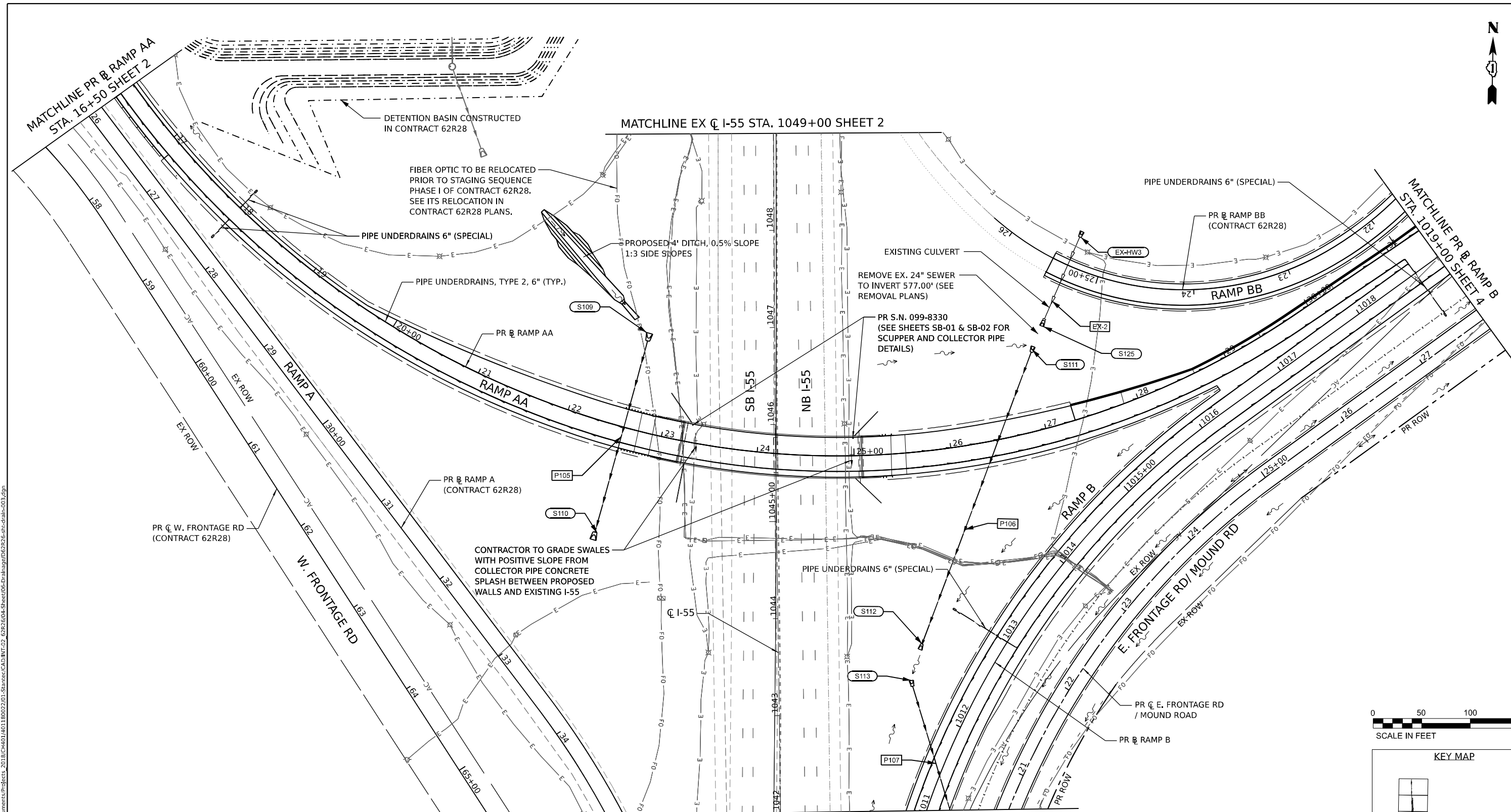
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN

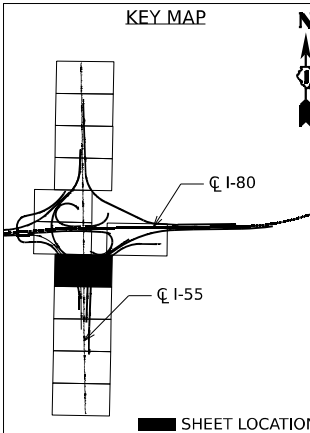
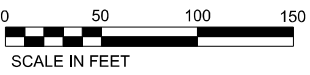
SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	209
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R26	



S109 STA. 22+60, 92.2' LT PRC FLAR END SEC 36" US INV = 579.67	S111 STA. 27+05.50, 77.0' LT PRC FLAR END SEC 24" US INV = 576.80	S113 STA. 1012+18.60, 61.8' LT PRC FLAR END SEC 24" US INV = 575.54	P105 STORM SEWERS CLASS A, TYPE 6 - 36" 1.48% @ 198.7 FT
S110 STA. 22+60, 112.1' RT PRC FLAR END SEC 36" DS INV = 576.74	S112 STA. 25+53, 197.5' RT PRC FLAR END SEC 24" DS INV = 575.65	S125 STA. 27+31, 107.7' LT PRC FLAR END SEC 24" DS INV = 577.00	P106 STORM SEWERS CLASS A, TYPE 5 - 24" 0.30% @ 214.5 FT
			P107 STORM SEWERS CLASS A, TYPE 2 - 24" 0.36% @ 166.35 FT

DRAINAGE LEGEND	
DITCH FLOW ARROW	STORM SEWER
PIPE UNDERDRAINS	DRAINAGE STRUCTURE
STORM SEWER	
SUMMIT	



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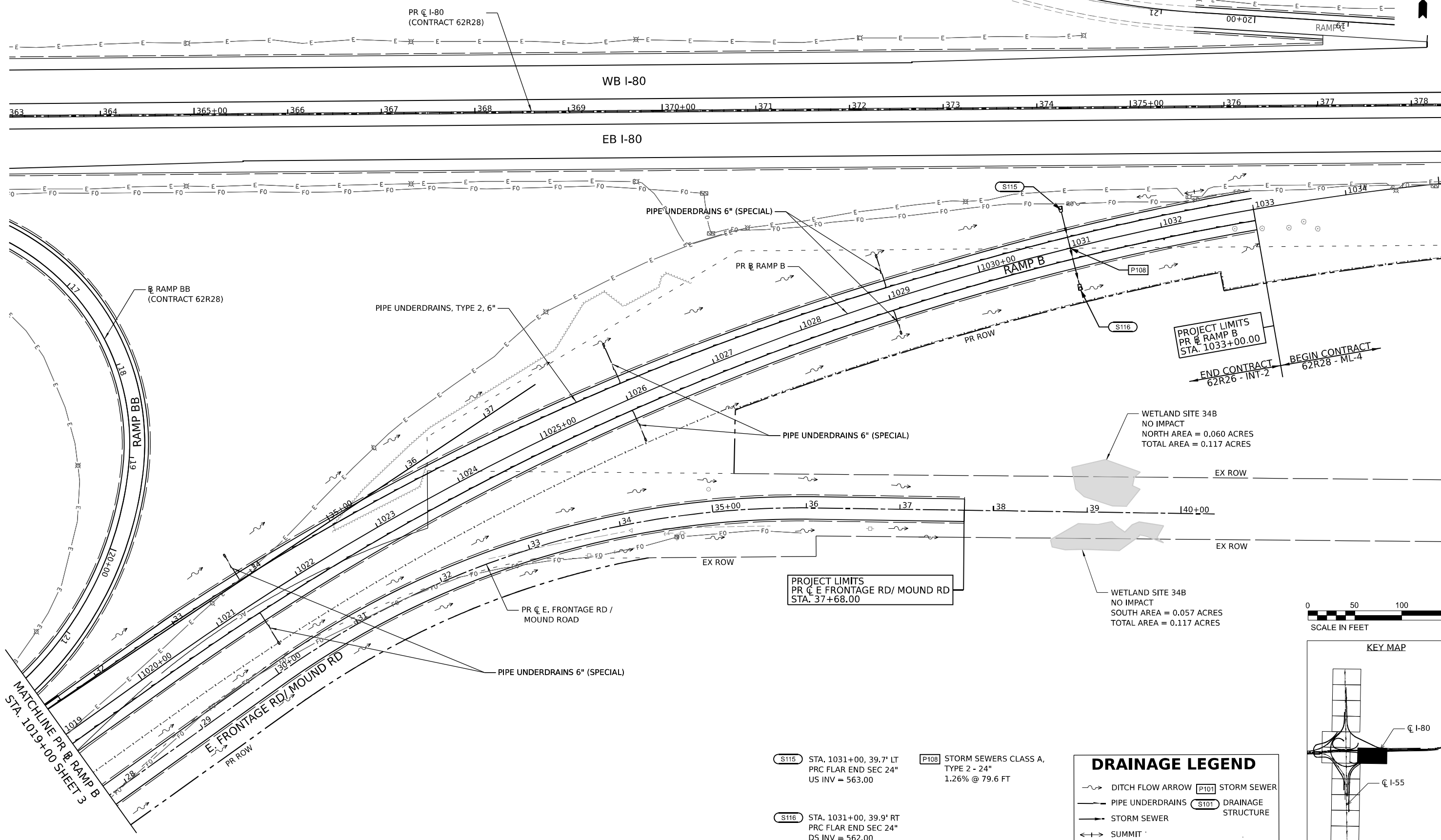
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PLOT DATE = 6/3/2024	CHECKED -	REvised -
	DATE -	REvised -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE PLAN

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. R.T.E. I-80	SECTION FAI 80 21 STRUCTURE 5	COUNTY WILL	TOTAL SHEETS 525	SHEET NO. 210
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				



PROJECT LIMITS
PR CL RAMP B
STA. 1033+00.00

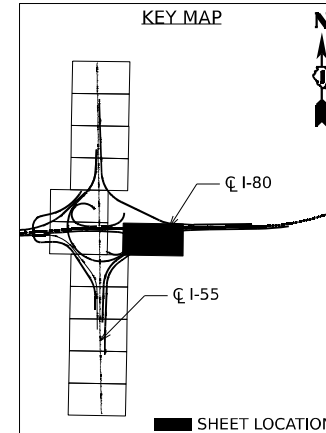
END CONTRACT
62R26 - INT-2

BEGIN CONTRACT
62R28 - ML-4

PROJECT LIMITS
PR CL E FRONTAGE RD / MOUND RD
STA. 37+68.00

WETLAND SITE 34B
NO IMPACT
NORTH AREA = 0.060 ACRES
TOTAL AREA = 0.117 ACRES

WETLAND SITE 34B
NO IMPACT
SOUTH AREA = 0.057 ACRES
TOTAL AREA = 0.117 ACRES



- S115** STA. 1031+00, 39.7' LT
PRC FLAR END SEC 24"
US INV = 563.00
- S116** STA. 1031+00, 39.9' RT
PRC FLAR END SEC 24"
DS INV = 562.00
- P108** STORM SEWERS CLASS A,
TYPE 2 - 24"
1.26% @ 79.6 FT

DRAINAGE LEGEND

- DITCH FLOW ARROW
- PIPE UNDERDRAINS
- STORM SEWER
- SUMMIT
- P101** STORM SEWER
- S101** DRAINAGE STRUCTURE

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 Plot Date: 6/3/2024



USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE PLAN

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	211
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

Model: Default
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MATCHLINE EX CL I-55 STA. 1025+00 SHEET 6



WETLAND SITE 27A
NO IMPACT
TOTAL AREA = 0.010 ACRES

PR CL E. FRONTAGE RD /
MOUND ROAD

WETLAND SITE 30A
NO IMPACT
TOTAL AREA = 0.335 ACRES

S137 STA. 985+50, 20.2' RT
CB TA 4 DIA T20F&G
RIM = 575.87
INV = 565.06

S138 STA. 985+50, 27.5' RT
PRC FLAR END SEC 15
INV = 565.00

S139 STA. 988+00, 21.0' RT
CB TA 4 DIA T20F&G
RIM = 571.61
INV = 560.07

S140 STA. 988+00, 29.0' RT
PRC FLAR END SEC 15
INV = 560.00

S142 STA. 990+50, 21.0' RT
CB TA 4 DIA T20F&G
RIM = 565.23
INV = 554.06

S143 STA. 990+50, 27.8' RT
PRC FLAR END SEC 15
INV = 554.00

S144 STA. 993+00, 21.0' RT
CB TA 4 DIA T20F&G
RIM = 558.62
INV = 548.05

S145 STA. 993+00, 27.2' RT
PRC FLAR END SEC 15
INV = 548.00

P132 STORM SEWERS CLASS A,
TYPE 2 - 15"
1.00% @ 6.29 FT

P134 STORM SEWERS CLASS A,
TYPE 2 - 15"
1.00% @ 6.98 FT

P132 STORM SEWERS CLASS A,
TYPE 2 - 15"
1.00% @ 5.80 FT

P134 STORM SEWERS CLASS A,
TYPE 2 - 15"
1.00% @ 5.15 FT

MATCHLINE EX CL I-55 STA. 1016+00 SHEET 5

SB I-55

NB I-55

EX CL I-55

MATCHLINE EX CL I-55 STA. 1016+00 SHEET 5

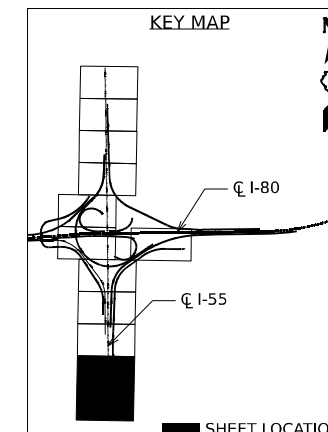
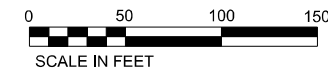


PROJECT BEGINS
PR CL RAMP B
STA. 982+94.06

SB I-55

NB I-55

EX CL I-55



DRAINAGE LEGEND	
	DITCH FLOW ARROW
	PIPE UNDERDRAINS
	STORM SEWER
	SUMMIT
	STORM SEWER STRUCTURE
	DRAINAGE STRUCTURE



USER NAME = jhopson	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

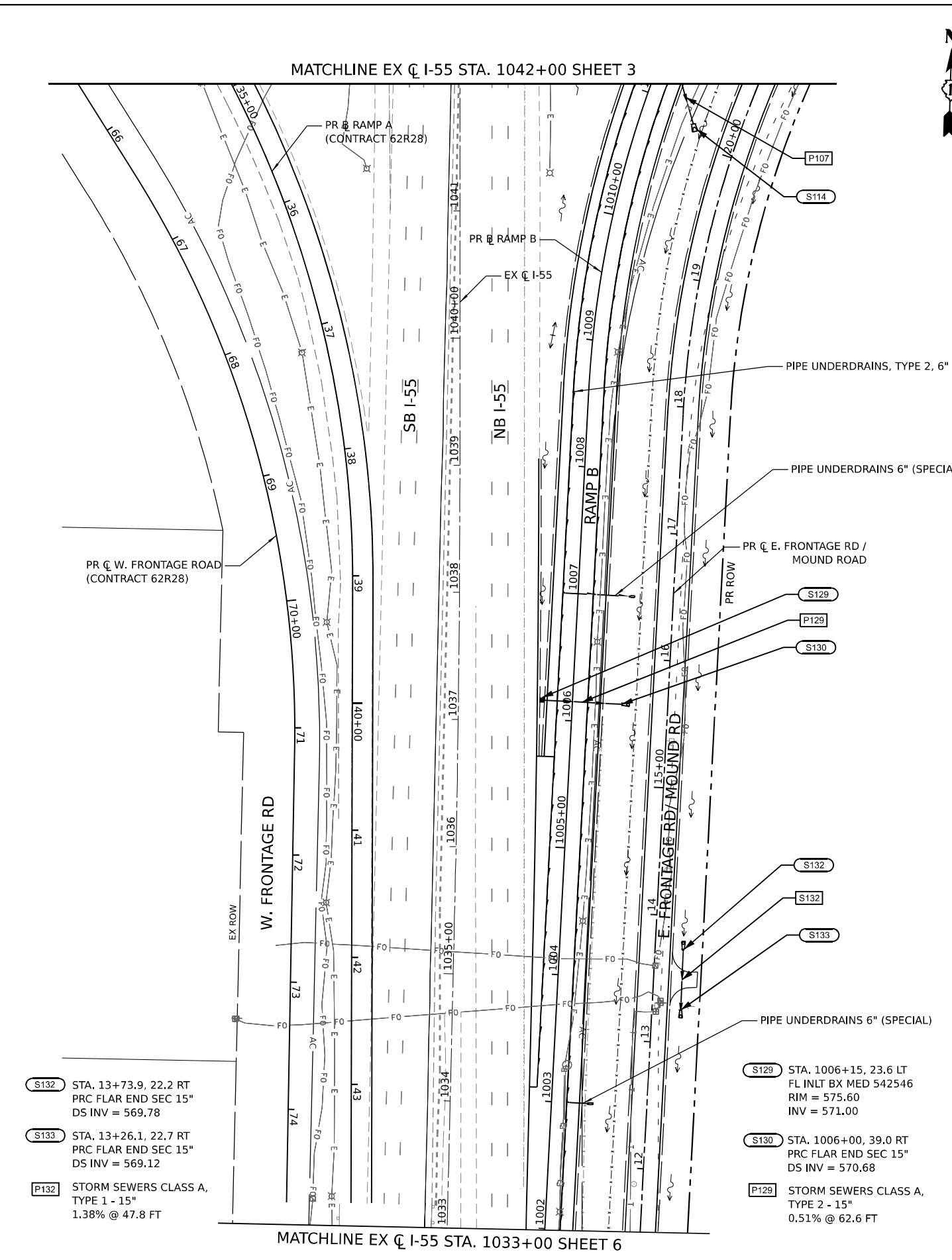
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	212
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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 PROJECT: I-80 FAI 80 21 STRUCTURE 5
 SHEET: 525 OF 525

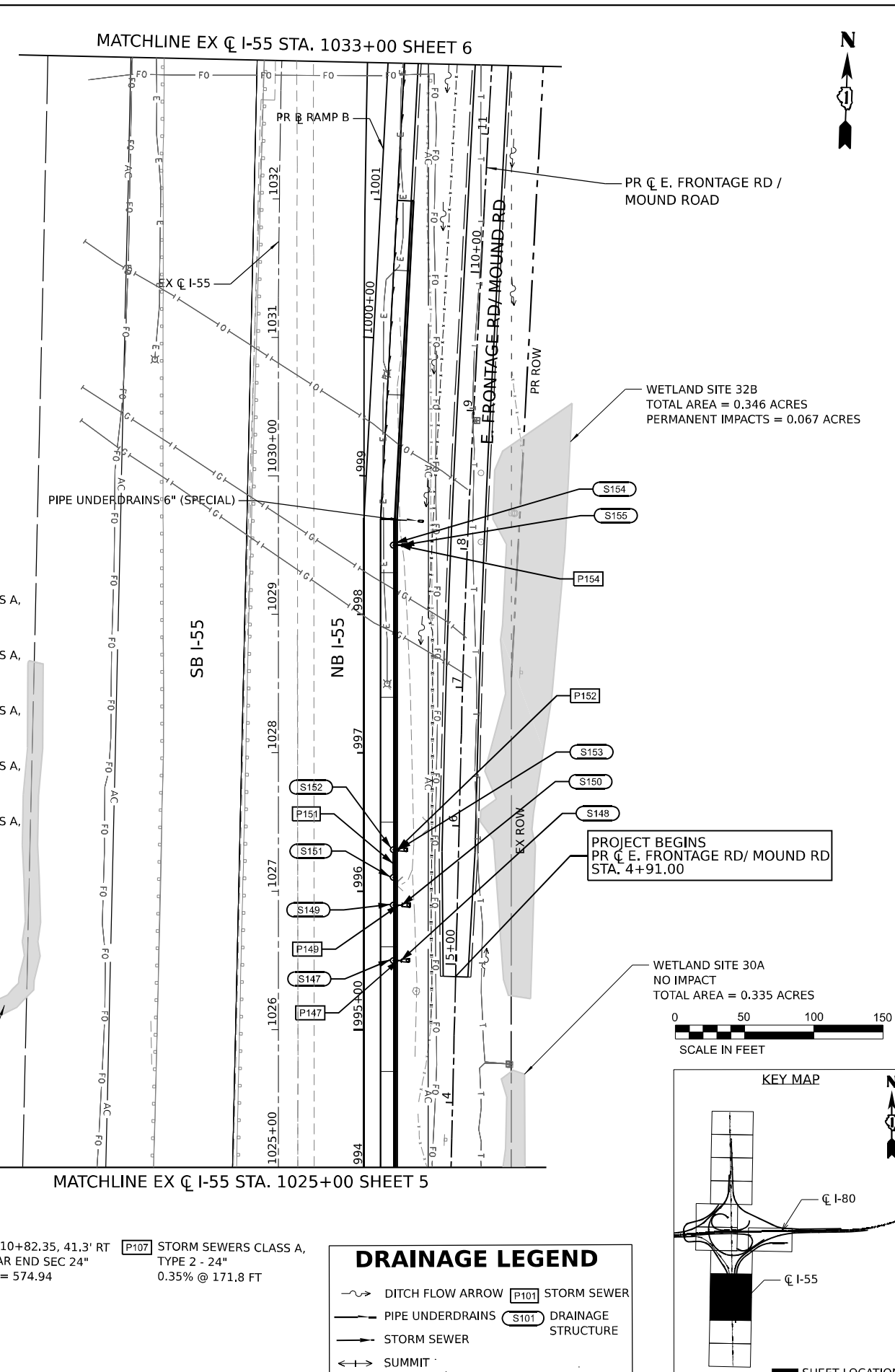


- S132 STA. 13+73.9, 22.2 RT PRC FLAR END SEC 15" DS INV = 569.78
- S133 STA. 13+26.1, 22.7 RT PRC FLAR END SEC 15" DS INV = 569.12
- P132 STORM SEWERS CLASS A, TYPE 1 - 15" 1.38% @ 47.8 FT
- S129 STA. 1006+15, 23.6 LT FL INLT BX MED 542546 RIM = 575.60 INV = 571.00
- S130 STA. 1006+00, 39.0 RT PRC FLAR END SEC 15" DS INV = 570.68
- P129 STORM SEWERS CLASS A, TYPE 2 - 15" 0.51% @ 62.6 FT



USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



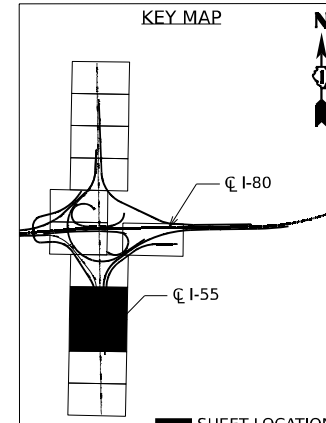
- S147 STA. 995+50, 21.0 RT CB TA 4 DIA T20F&G RIM = 555.76 INV = 546.05
- S148 STA. 995+50, 26.6 RT PRC FLAR END SEC 15 INV = 546.00
- S149 STA. 995+90, 21.0 RT CB TA 4 DIA T20F&G RIM = 555.63 INV = 545.05
- S150 STA. 995+90, 27.2 RT PRC FLAR END SEC 15 INV = 545.00
- S151 STA. 996+10, 21.0 RT INLET TA T20F&G RIM = 555.59 INV = 550.59
- S152 STA. 996+30, 21.0 RT CB TA 4 DIA T20F&G RIM = 555.66 INV S = 550.43 INV E = 545.03
- S153 STA. 996+30, 24.9 RT PRC FLAR END SEC 18 INV = 545.00
- S153 STA. 998+50, 21.0 RT CB TA 4 DIA T20F&G RIM = 557.76 INV = 553.56
- P147 STORM SEWERS CLASS A, TYPE 2 - 15" 1.00% @ 4.6 FT
- P149 STORM SEWERS CLASS A, TYPE 2 - 15" 1.00% @ 5.2 FT
- P151 STORM SEWERS CLASS A, TYPE 2 - 15" 1.00% @ 16.0 FT
- P152 STORM SEWERS CLASS A, TYPE 2 - 15" 1.00% @ 2.9 FT
- P154 STORM SEWERS CLASS A, TYPE 2 - 15" 1.00% @ 5.5 FT
- S154 STA. 1010+82.35, 41.3' RT PRC FLAR END SEC 24" DS INV = 574.94
- P107 STORM SEWERS CLASS A, TYPE 2 - 24" 0.35% @ 171.8 FT

WETLAND SITE 29A
NO IMPACT
TOTAL AREA = 0.081 ACRES

WETLAND SITE 30A
NO IMPACT
TOTAL AREA = 0.335 ACRES

WETLAND SITE 32B
TOTAL AREA = 0.346 ACRES
PERMANENT IMPACTS = 0.067 ACRES

PROJECT BEGINS
PR C E. FRONTAGE RD / MOUND RD
STA. 4+91.00



DRAINAGE LEGEND

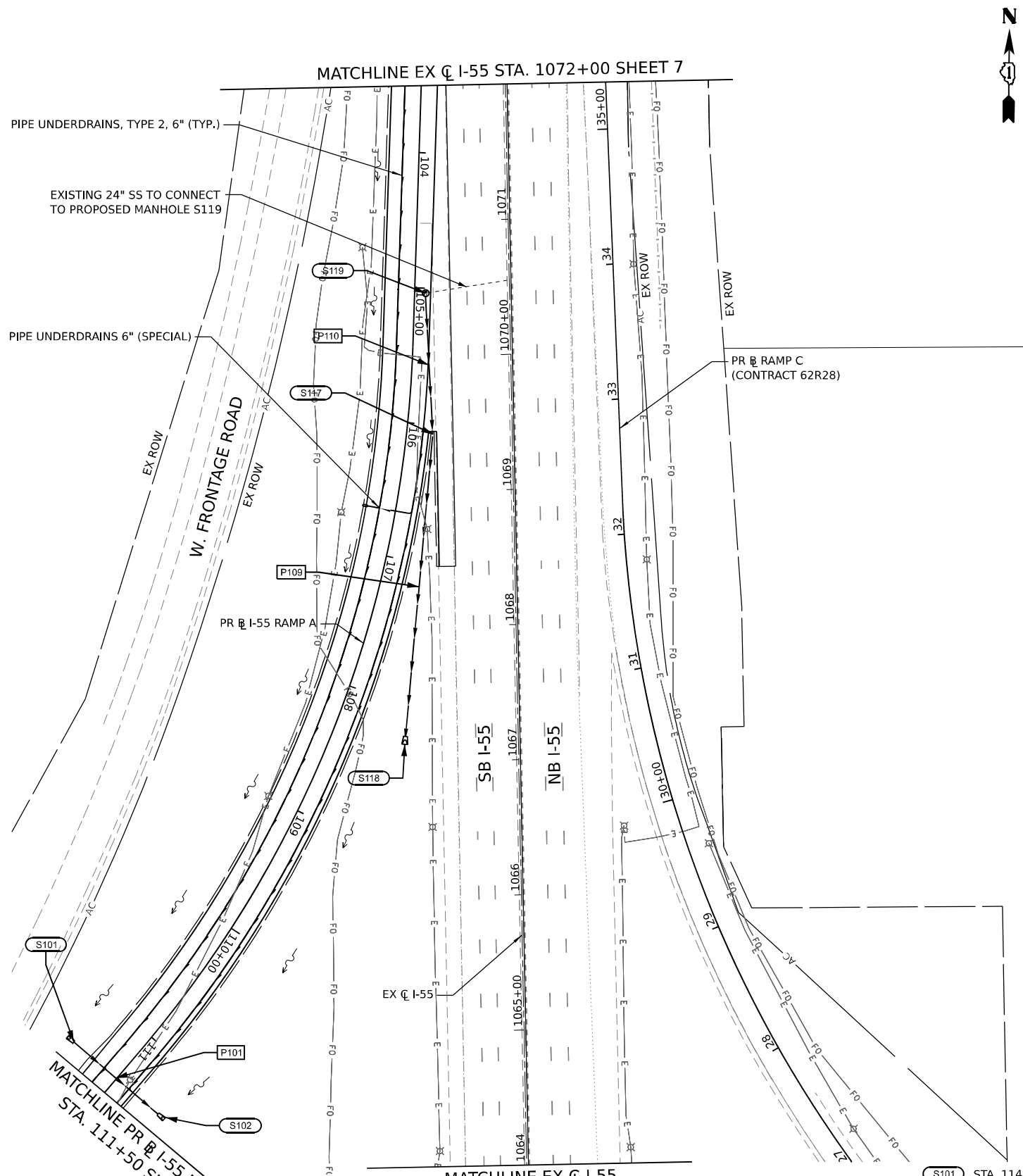
	DITCH FLOW ARROW		P101 STORM SEWER
	PIPE UNDERDRAINS		S101 DRAINAGE STRUCTURE
	STORM SEWER		
	SUMMIT		

DRAINAGE PLAN

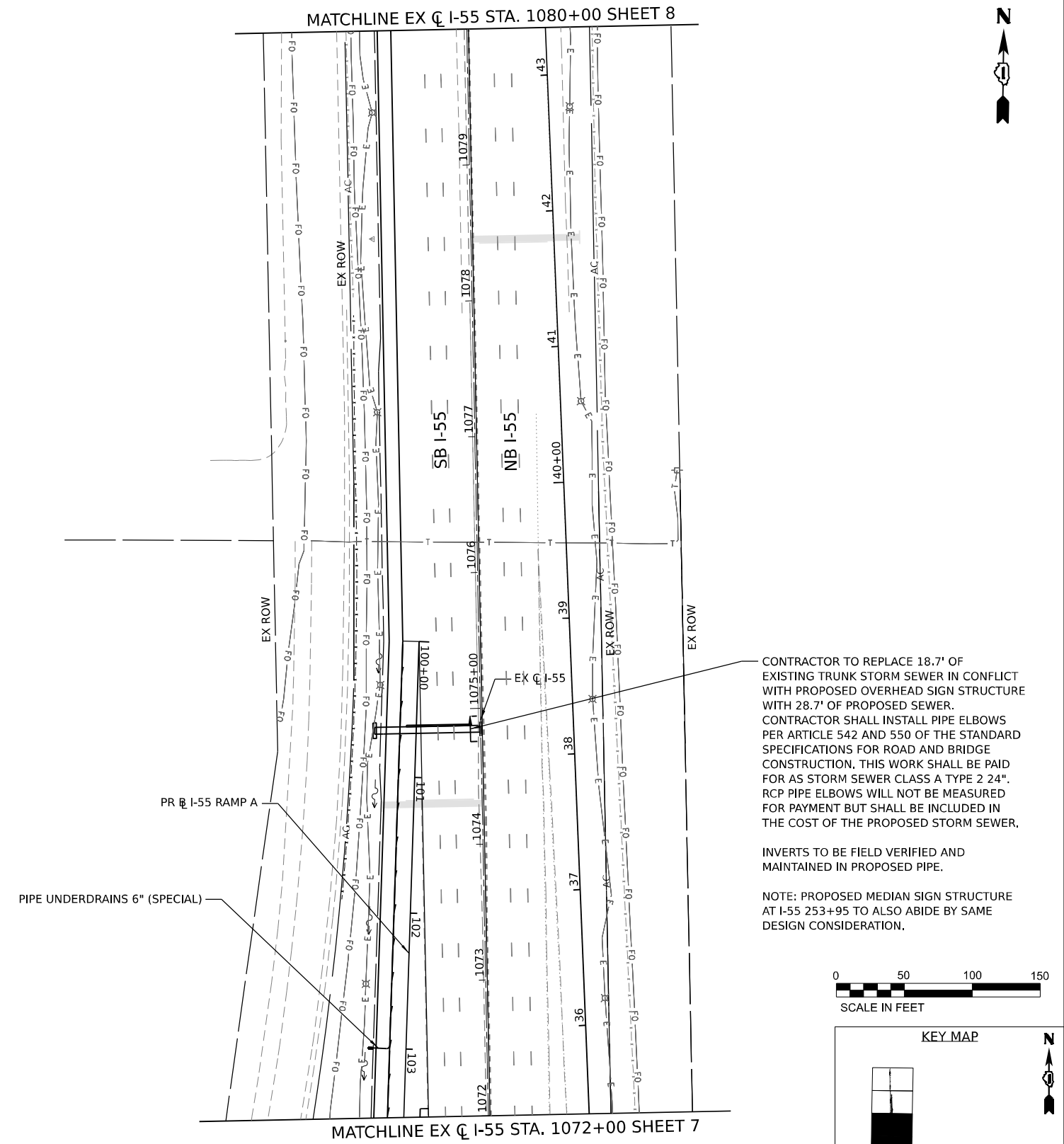
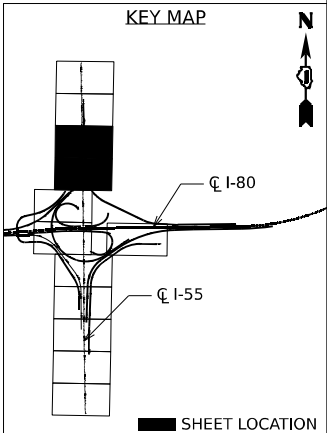
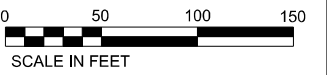
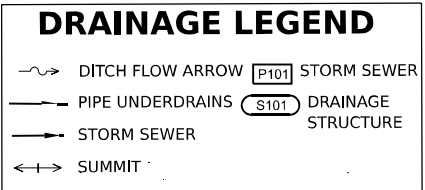
SCALE:	SHEET 6 OF 8 SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	213
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

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- S101** STA. 114+40, 41.4' RT PRC FLAR END SEC 18" US INV = 585.46
- S102** STA. 114+40, 40.3' LT PRC FLAR END SEC 18" DS INV = 584.96
- S117** STA. 1069+36, 59.0' LT CB TA, 4 DIA T20F&G RIM = 589.02 INV = 584.93
- S118** STA. 1066+86, 61.8' LT PRC FLAR END SEC 24" DS INV = 584.26
- S119** STA. 1070+46, 62.0' LT MANHOLE TA, 5 DIA FLAT SLAB TOP TYPE 1 FRAME, CLOSED LID RIM = 588.06 US INV = 585.23
- P101** STORM SEWERS CLASS A, TYPE 2 - 18" 0.78% @ 71.8 FT
- P109** STORM SEWERS CLASS A, TYPE 1 - 24" 0.30% @ 222.3 FT
- P110** STORM SEWERS CLASS A, TYPE 1 - 24" 0.30% @ 102.5 FT



CONTRACTOR TO REPLACE 18.7' OF EXISTING TRUNK STORM SEWER IN CONFLICT WITH PROPOSED OVERHEAD SIGN STRUCTURE WITH 28.7' OF PROPOSED SEWER. CONTRACTOR SHALL INSTALL PIPE ELBOWS PER ARTICLE 542 AND 550 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THIS WORK SHALL BE PAID FOR AS STORM SEWER CLASS A TYPE 2 24". RCP PIPE ELBOWS WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

INVERTS TO BE FIELD VERIFIED AND MAINTAINED IN PROPOSED PIPE.

NOTE: PROPOSED MEDIAN SIGN STRUCTURE AT I-55 253+95 TO ALSO ABIDE BY SAME DESIGN CONSIDERATION.



USER NAME	= jhopson
PLOT SCALE	= 100,000' / in.
PLOT DATE	= 6/4/2024

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

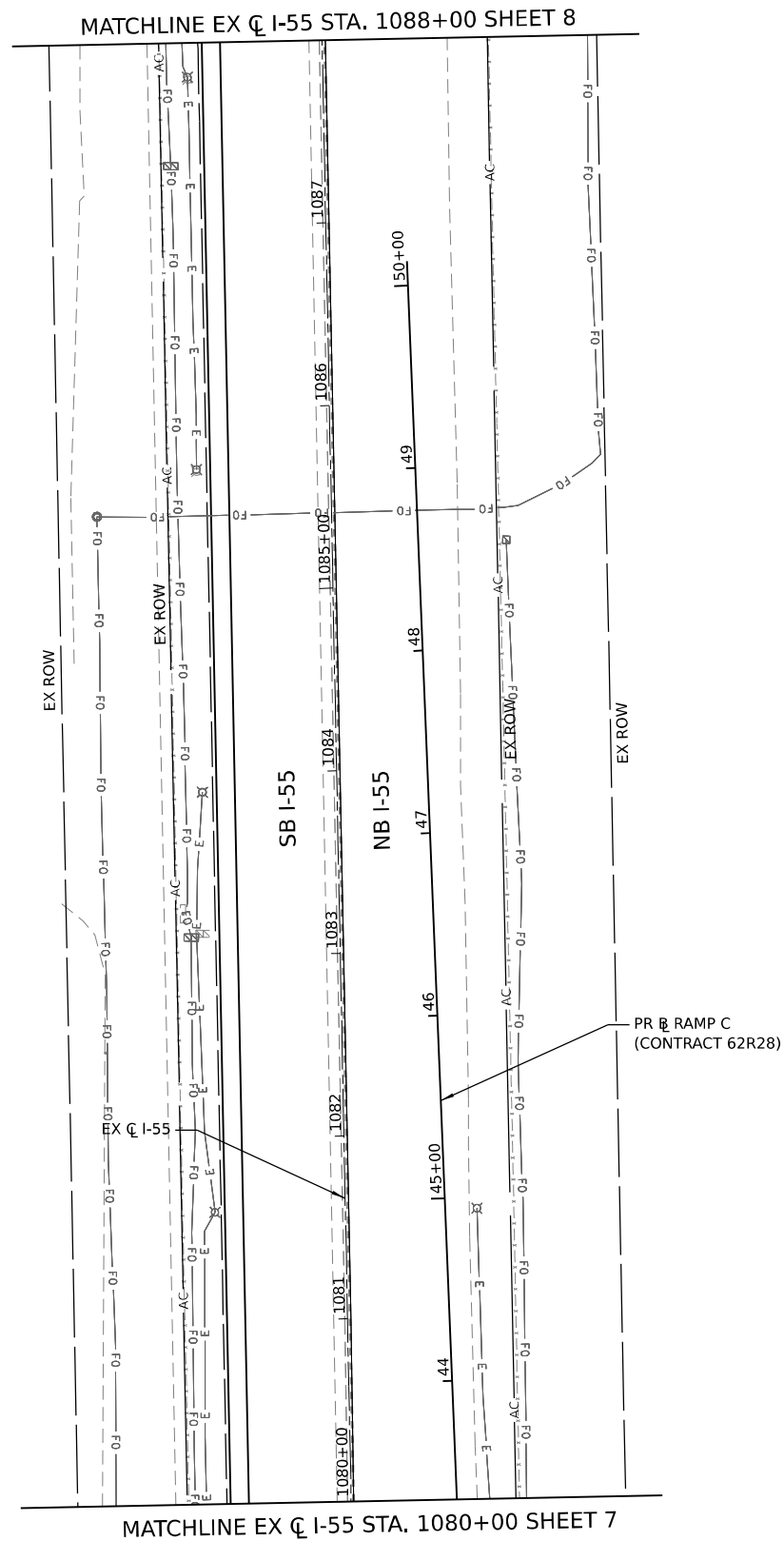
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE PLAN

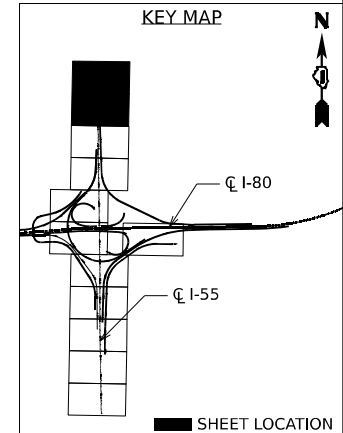
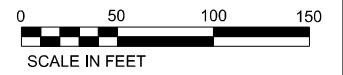
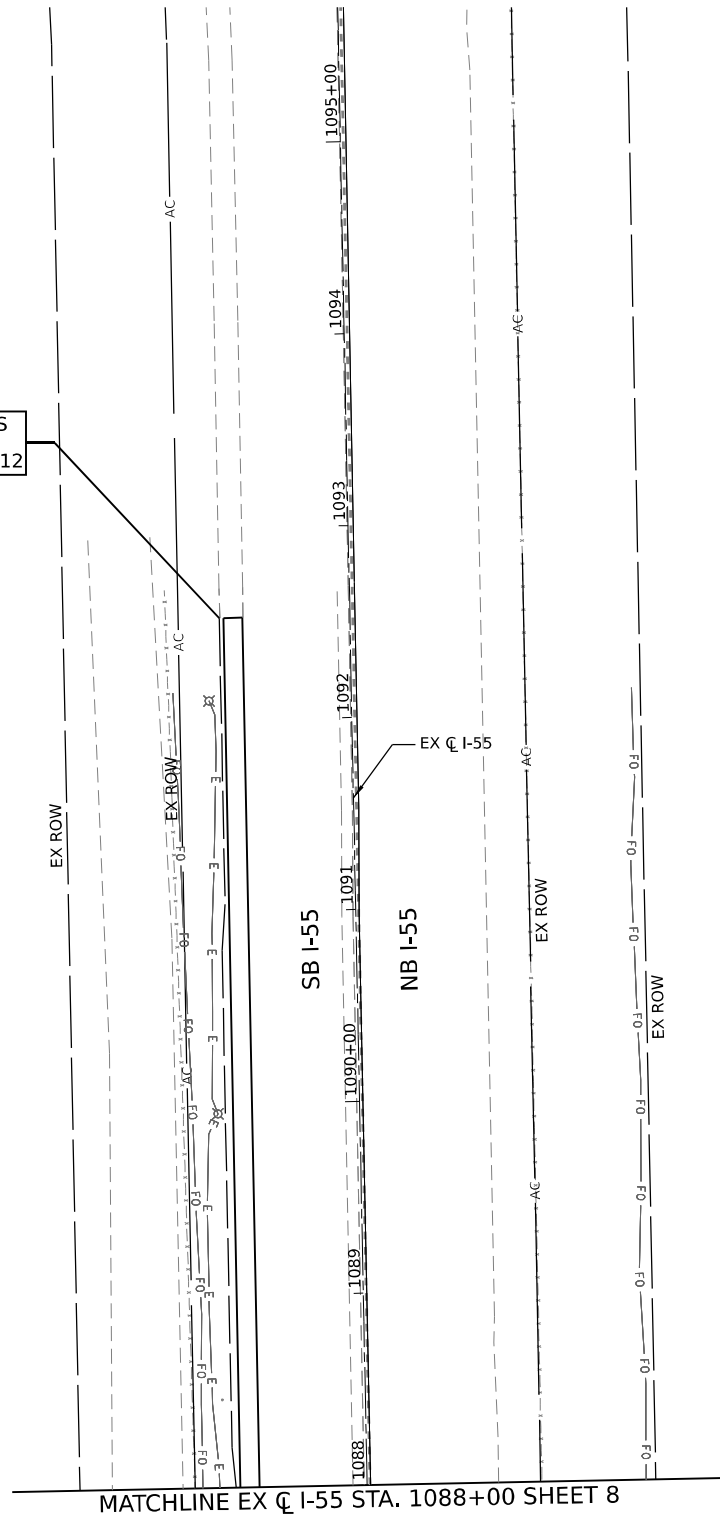
SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	214
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

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PROJECT LIMITS
EX C I-55
STA. 1092+53.12



DRAINAGE LEGEND	
	DITCH FLOW ARROW
	PIPE UNDERDRAINS
	STORM SEWER
	SUMMIT
	STORM SEWER
	DRAINAGE STRUCTURE



USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

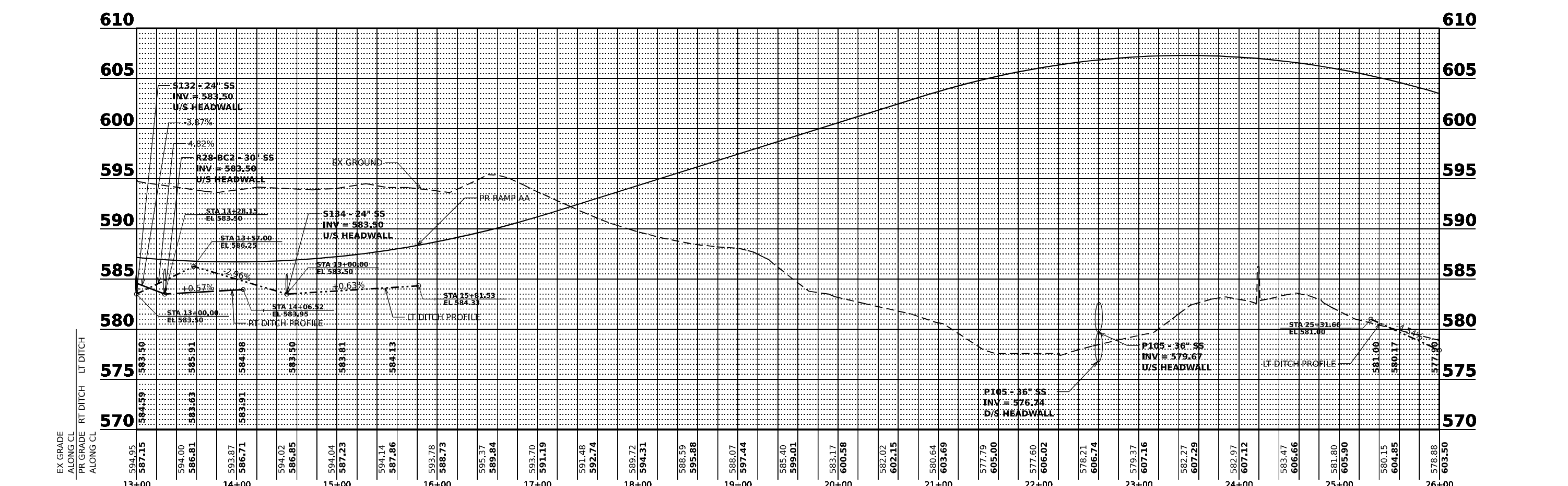
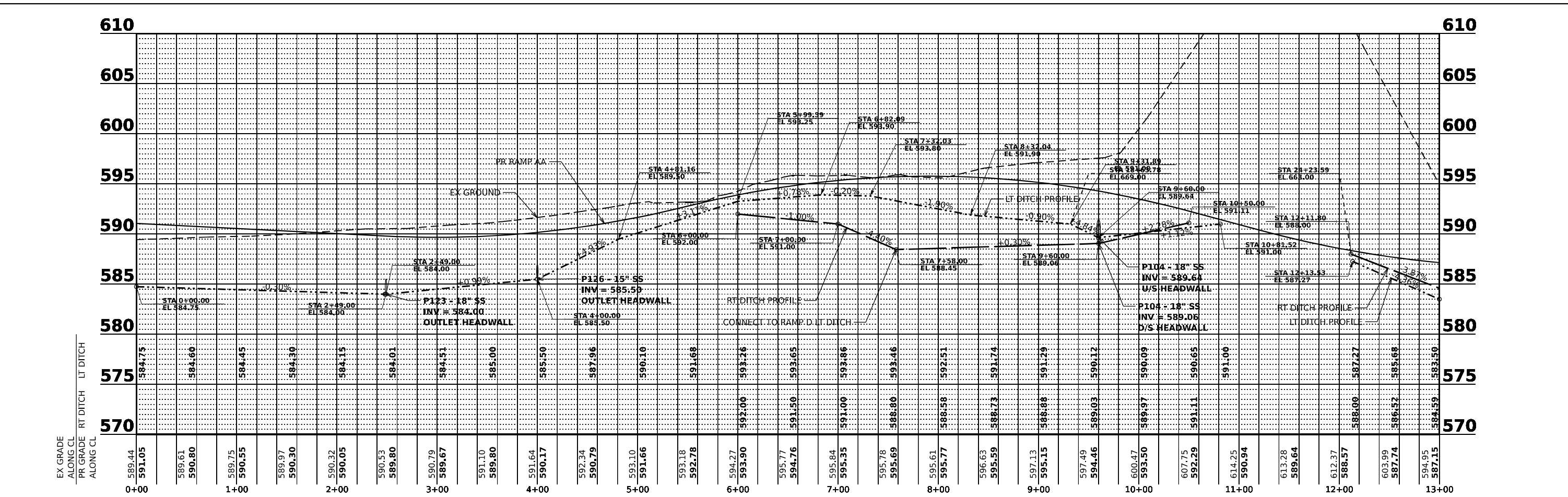
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	215
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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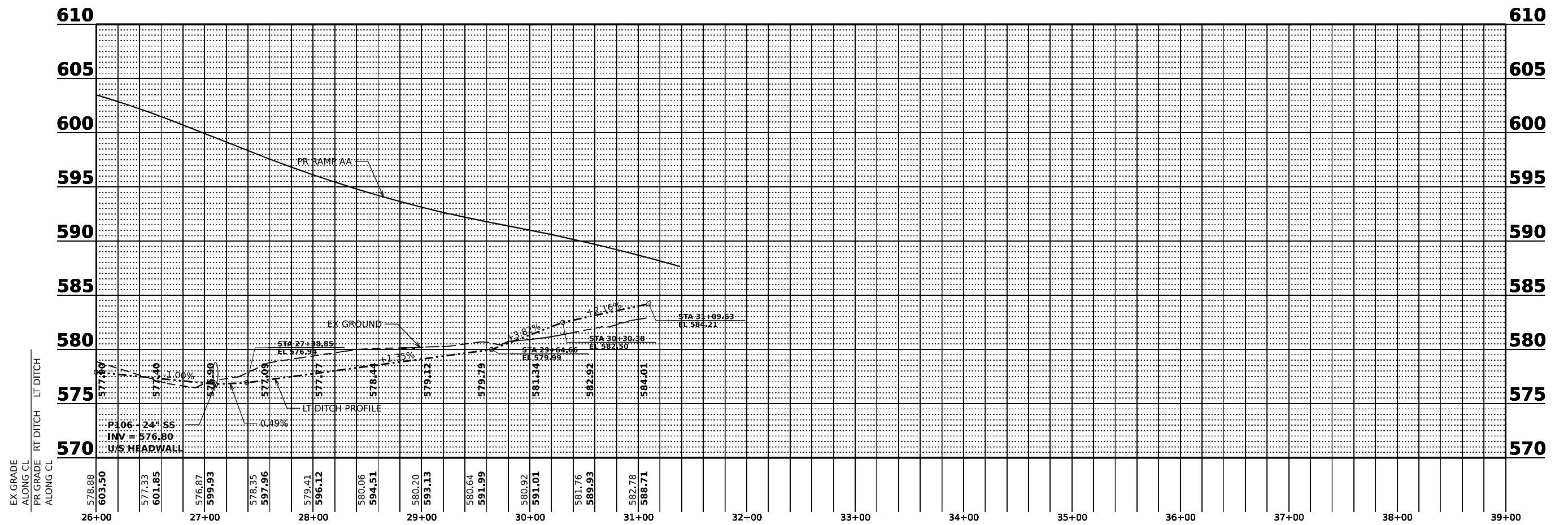
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PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAMP AA
DRAINAGE PROFILE**

SCALE:	SHEET 1	OF 8 SHEETS	STA.	TO STA.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					I-80	FAI 80 21 STRUCTURE 5	WILL	525	216
								CONTRACT NO. 62R26	
								ILLINOIS FED. AID PROJECT	

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PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

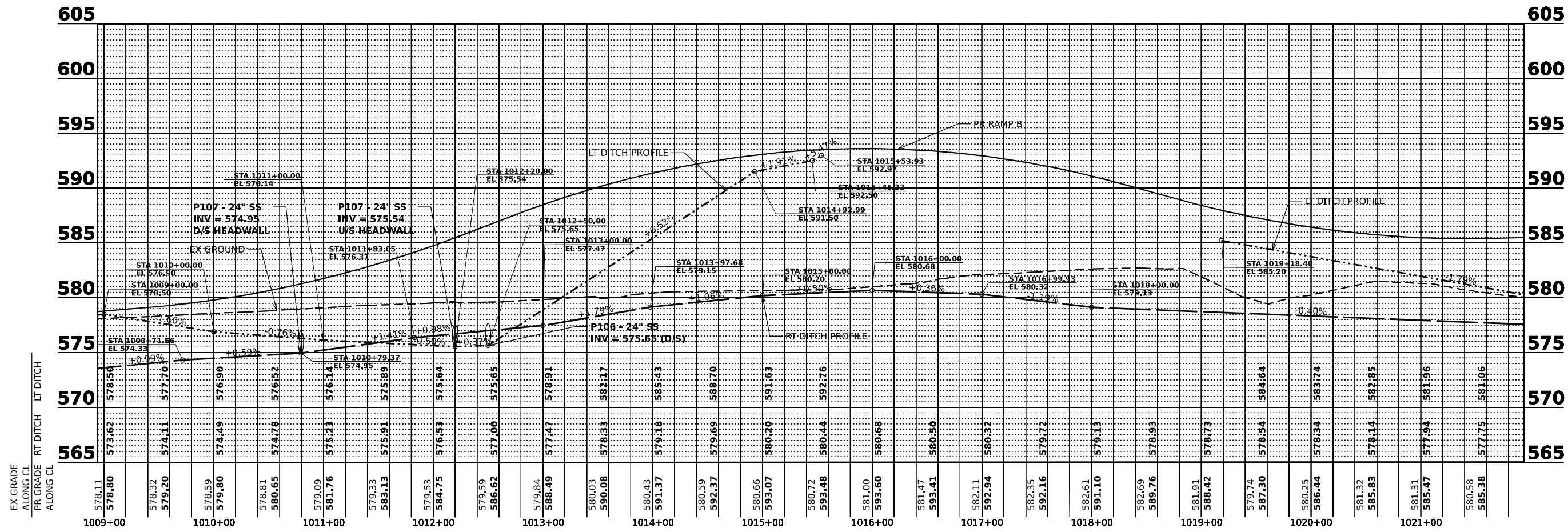
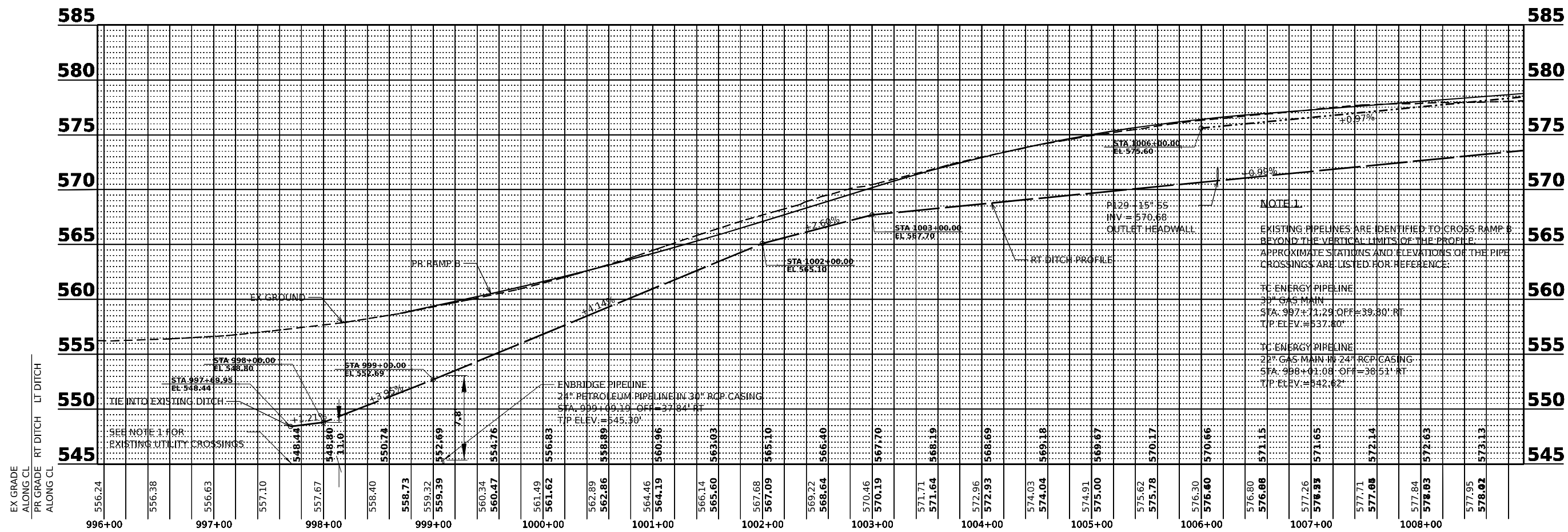
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAMP AA
DRAINAGE PROFILE**

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	217
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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USER NAME = jstrouse	DESIGNED -	REVISED -
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PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

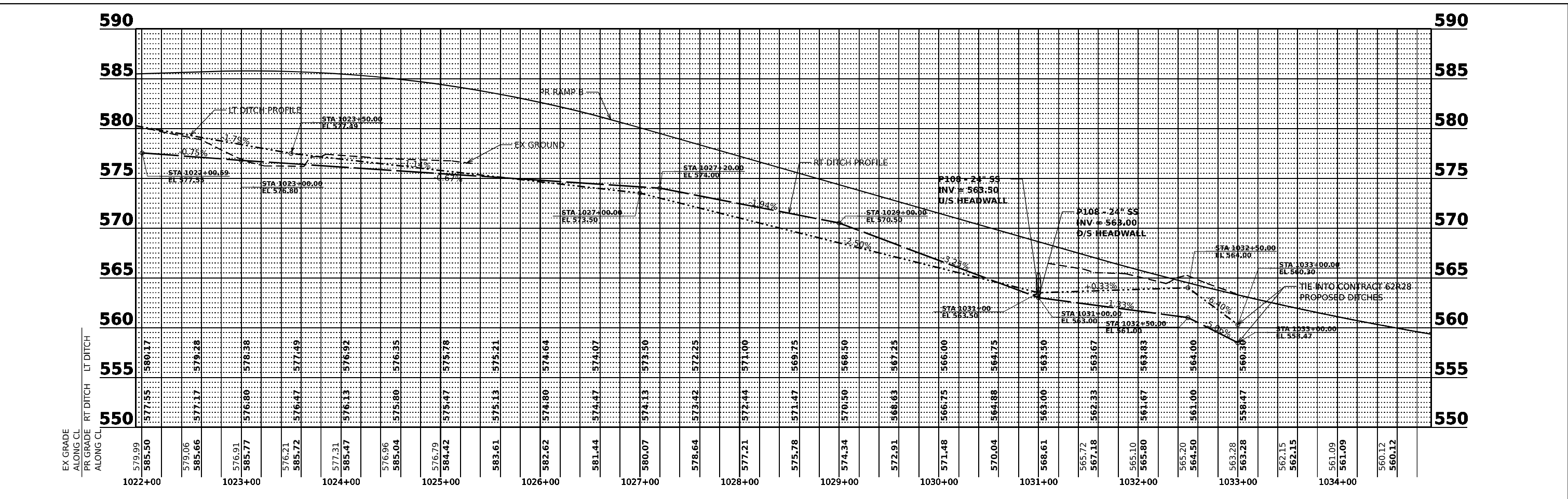
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B
DRAINAGE PROFILE

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	218
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

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 Date: 5/31/2024



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	DRAWN -	REVISED -
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PLOT DATE = 5/31/2024	DATE -	REVISED -

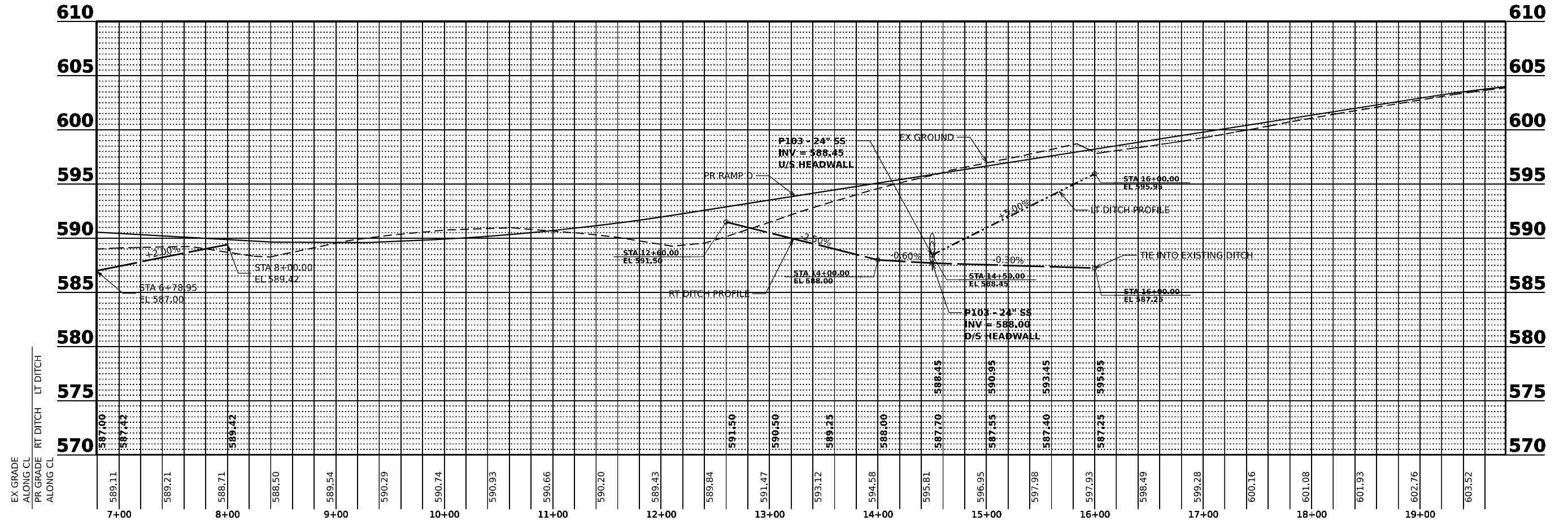
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP B
DRAINAGE PROFILE

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	219
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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	DATE -	REVISED -

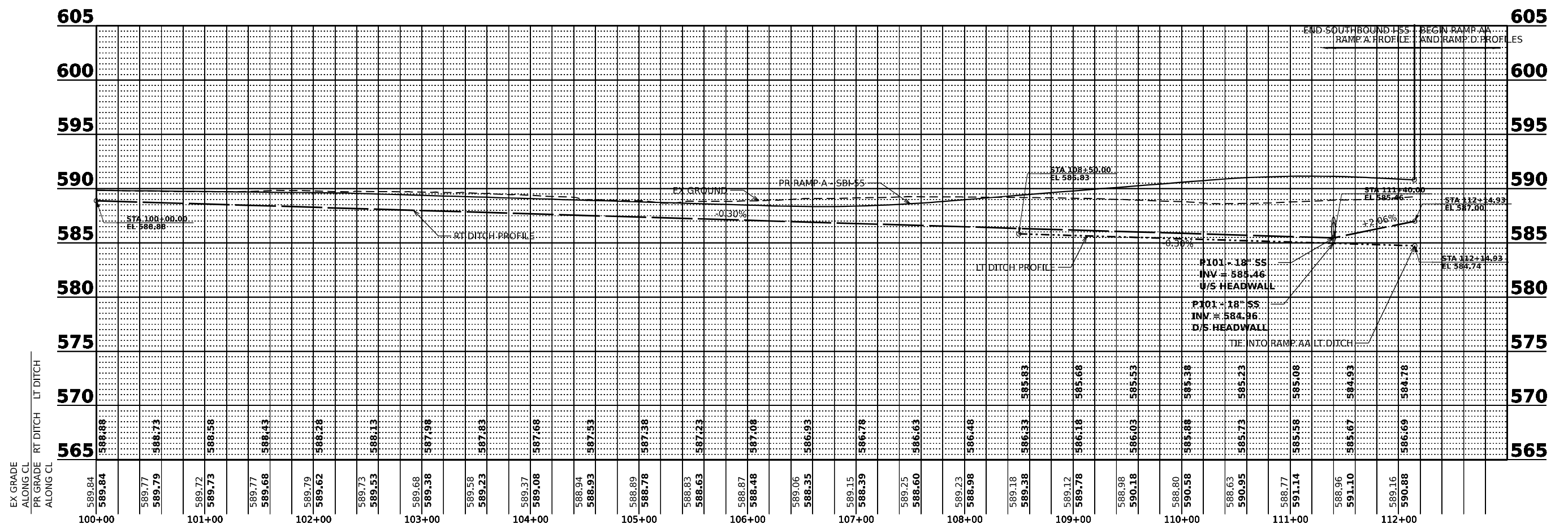
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAMP D
DRAINAGE PROFILE**

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	220
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

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PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

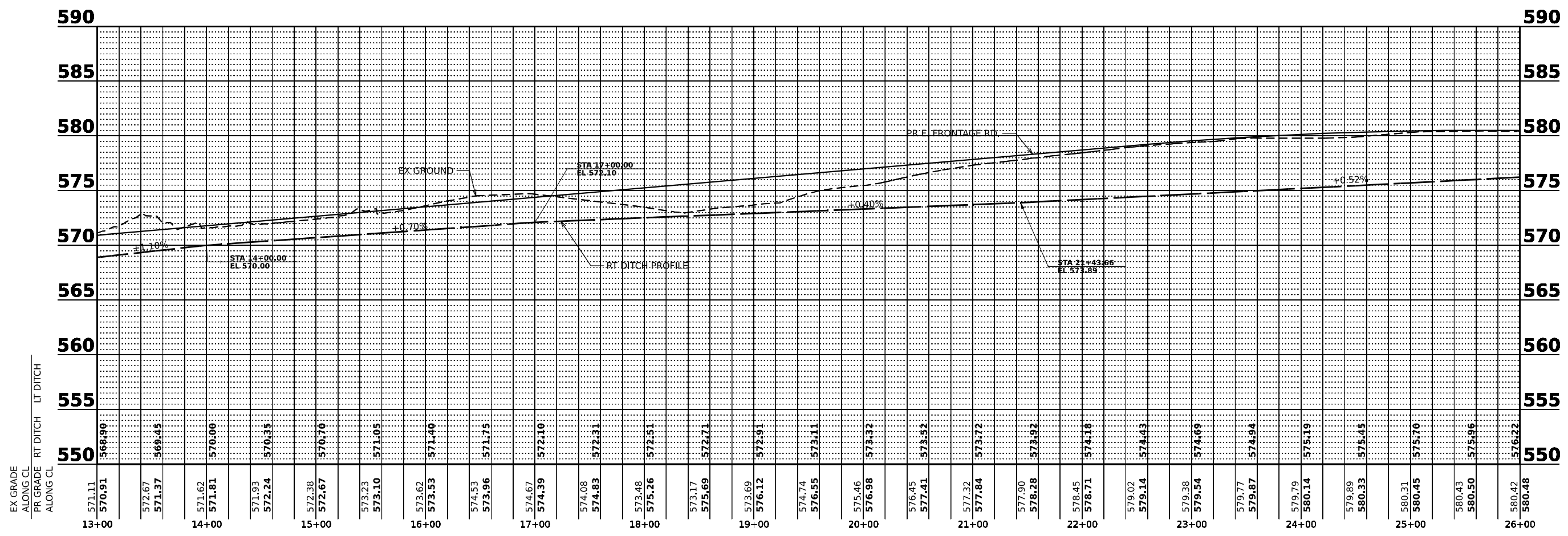
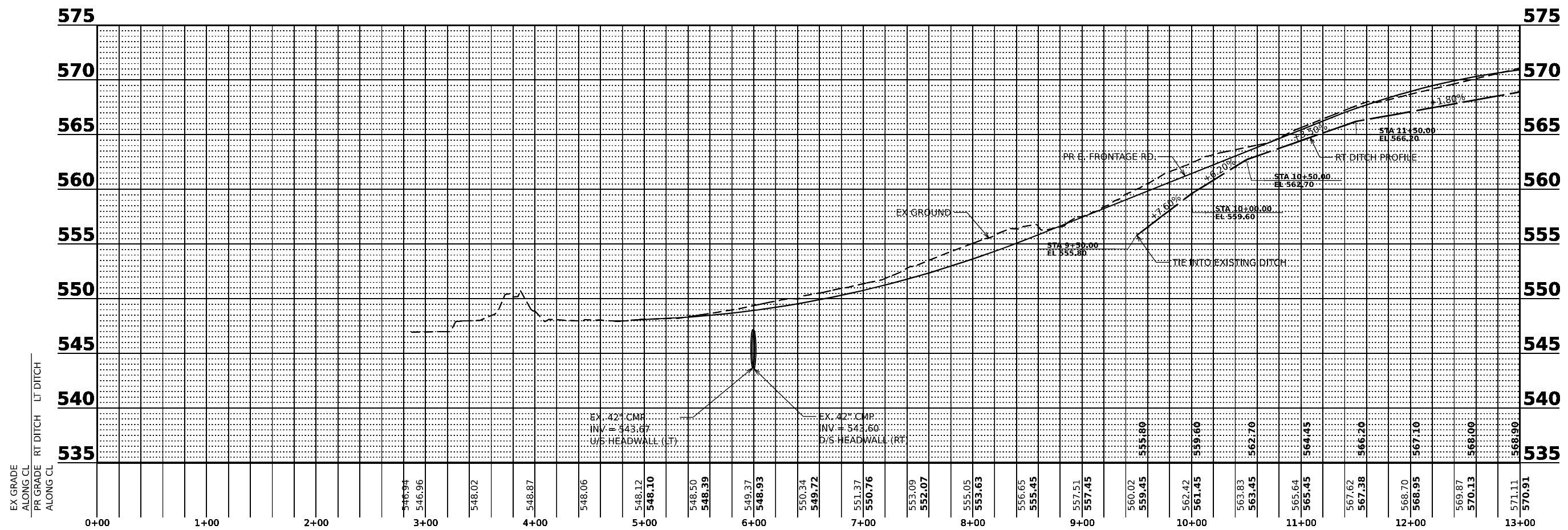
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTHBOUND I-55 RAMP A
DRAINAGE PROFILE

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	221
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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USER NAME = jstrouse
 PLOT SCALE = 100,000' / in.
 PLOT DATE = 5/31/2024

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
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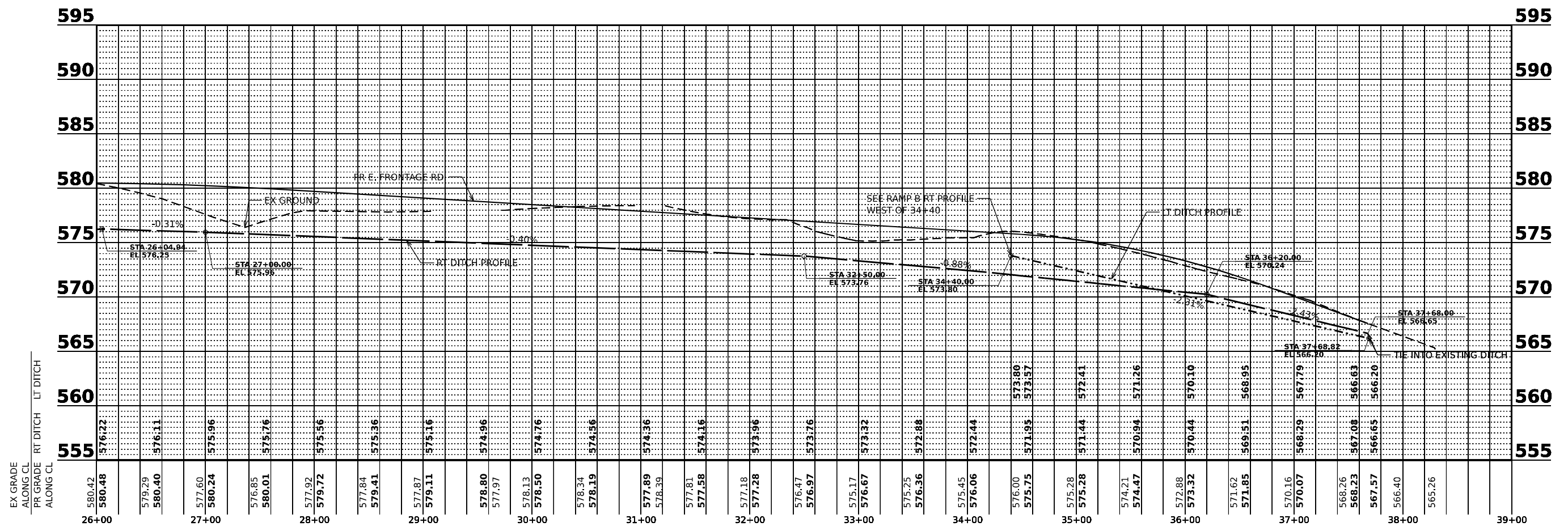
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**E. FRONTAGE ROAD / MOUND ROAD
 DRAINAGE PROFILE**

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	222
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R26	

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USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

E. FRONTAGE ROAD / MOUND ROAD
DRAINAGE PROFILE

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	223
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

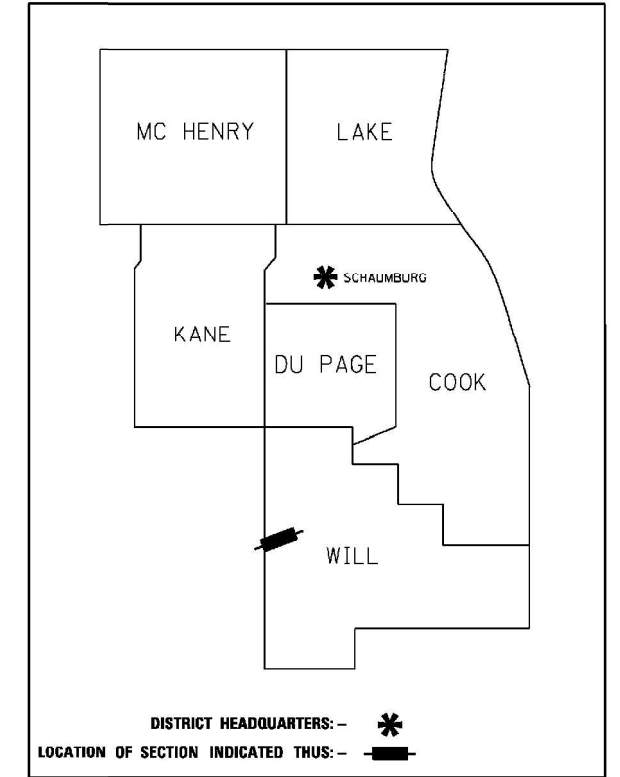
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

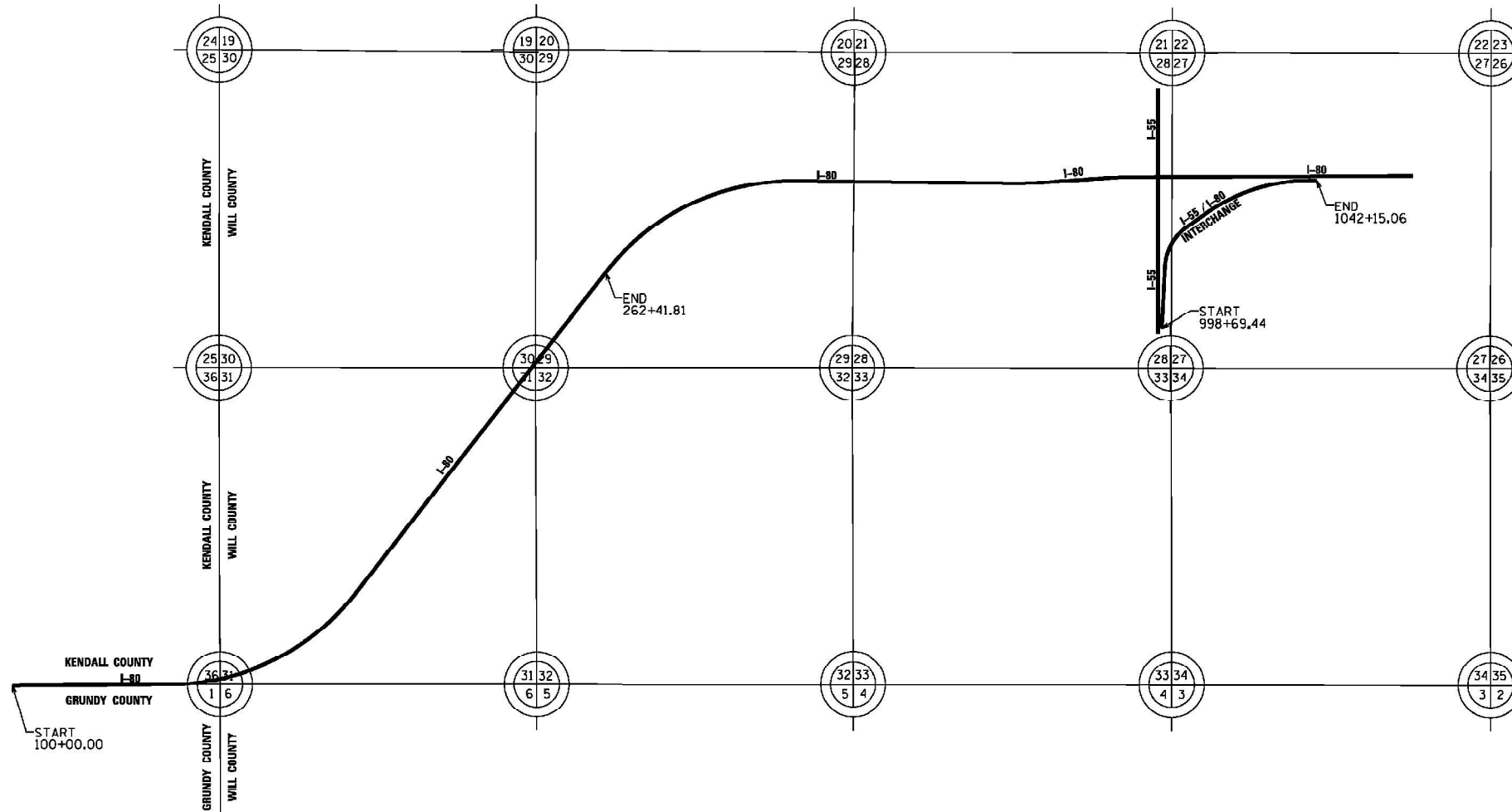
ROUTE: I-80
SECTION:
COUNTY: WILL
LIMITS: RIDGE ROAD TO US 30
JOB NO.: R-91-016-20

INDEX TABLE

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
IP10001	J-I-R FARM PARTNERSHIP, L.P., A DELAWARE LIMITED PARTNERSHIP	2 & 8	
IP10002-A IP10002-B	HP/ALSIP VACANT LAND LIMITED PARTNERSHIP	3, 4, 5 & 7	
IP10003	HP/ALSIP VACANT LAND LIMITED PARTNERSHIP	5, 6 & 7	



DATE	BY
04-11-22	SMC
04-15-22	GKF
REVISED	



LOCATION MAP

GROSS LENGTH = 20,587 FT. = 3.899 MILES

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

	Mackie Consultants, LLC 9575 W. Higgins Road, Suite 500 Rosemont, IL 60018 (647)690-1400 www.mackieconsult.com	IDOT USE ONLY APPROVED By Rod Richgruber at 7:40 am, Oct 27, 2022

9/13/2022 2:48:09 PM W:\303\Survey\Proposed\Highway\80-Plat of Highways.dwg
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USER NAME = dbook	DESIGNED -	REVISED -
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PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/25/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	224
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

PART OF SECTIONS 27 AND 31 TWP. 35 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1P10001	21.303*	0.458	N/A	20.845	N/A	N/A	06-31-300-005

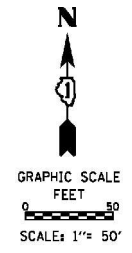
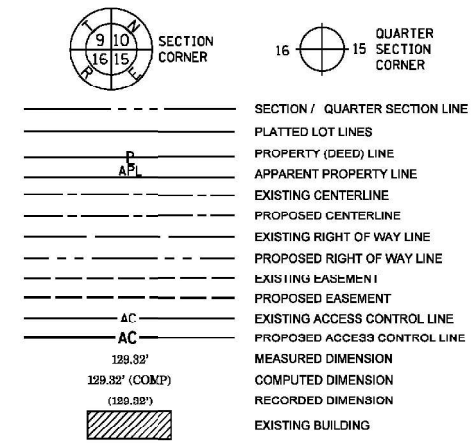
* TOTAL HOLDING ACRES SHOWN FOR PARCEL 1P10001 IS THE CALCULATED AREA OF THE TOTAL HOLDINGS LYING SOUTH OF I-80.

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT	NORTHING	EASTING	STATION	OFFSET
2	1,746,806.72	1,005,679.75	161+94.06	0.00
3	1,748,367.79	1,008,646.00	196+62.08	0.00
5	1,747,406.77	1,007,801.97	183+98.21	102.86 R
6	1,747,390.36	1,007,813.40	183+98.24	122.86 R
7	1,748,079.88	1,008,544.21	193+77.13	99.92 R
8	1,748,050.23	1,008,545.14	193+55.91	120.01 R
32	1,746,882.90	1,008,581.68	N/A	N/A

DATE	BY
04-11-22	SVC
04-15-22	GKF
07-26-22	KMF
09-13-22	SVC

LEGEND



- BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.
- IRON PIPE OR ROD FOUND ⊕ *MAG NAIL SET
 - + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

- GENERAL NOTES:
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID". NGS MONUMENTS AE2471 & AE2571 WERE UTILIZED FOR THIS SURVEY.
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995232.
 - AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002694, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 27 AND 31, TOWNSHIP 35 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS _____ DAY OF _____, 20__ A.D.

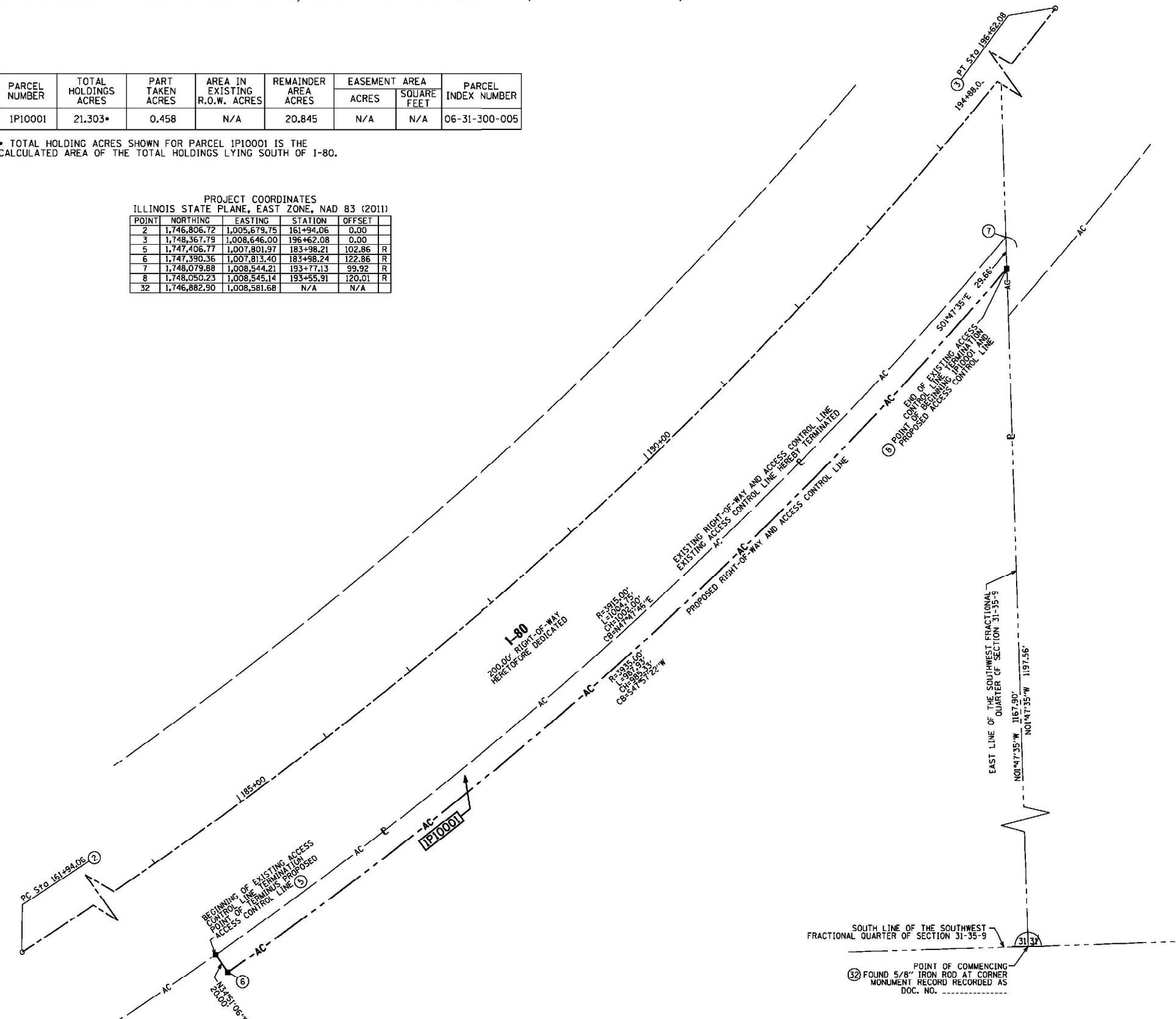
DALE A. GRAY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
LICENSE EXPIRES: NOVEMBER 30, 2022
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

M Mackie Consultants, LLC
9575 W. Higgins Road, Suite 500
Rosemont, IL 60018
(847)696-1400
www.mackieconsult.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 80

LIMITS: RIDGE ROAD TO US 30 COUNTY: WILL
SECTION: JOB NO.: R-91-016-20
STA. 161+94.06 TO STA. 196+62.08
SCALE: 1" = 50' SHEET 2 OF 8 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196



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APPROVED
By Rod Richgruber at 7:40 am, Oct 27, 2022

REVISION DATE: _____ REVISION MADE BY: _____

SEE SHEET 8 FOR 1P10001 TOTAL HOLDING



USER NAME	DESIGNED	REVISION
= dbook	-	-
DRAWN	-	-
CHECKED	-	-
DATE	-	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	225
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

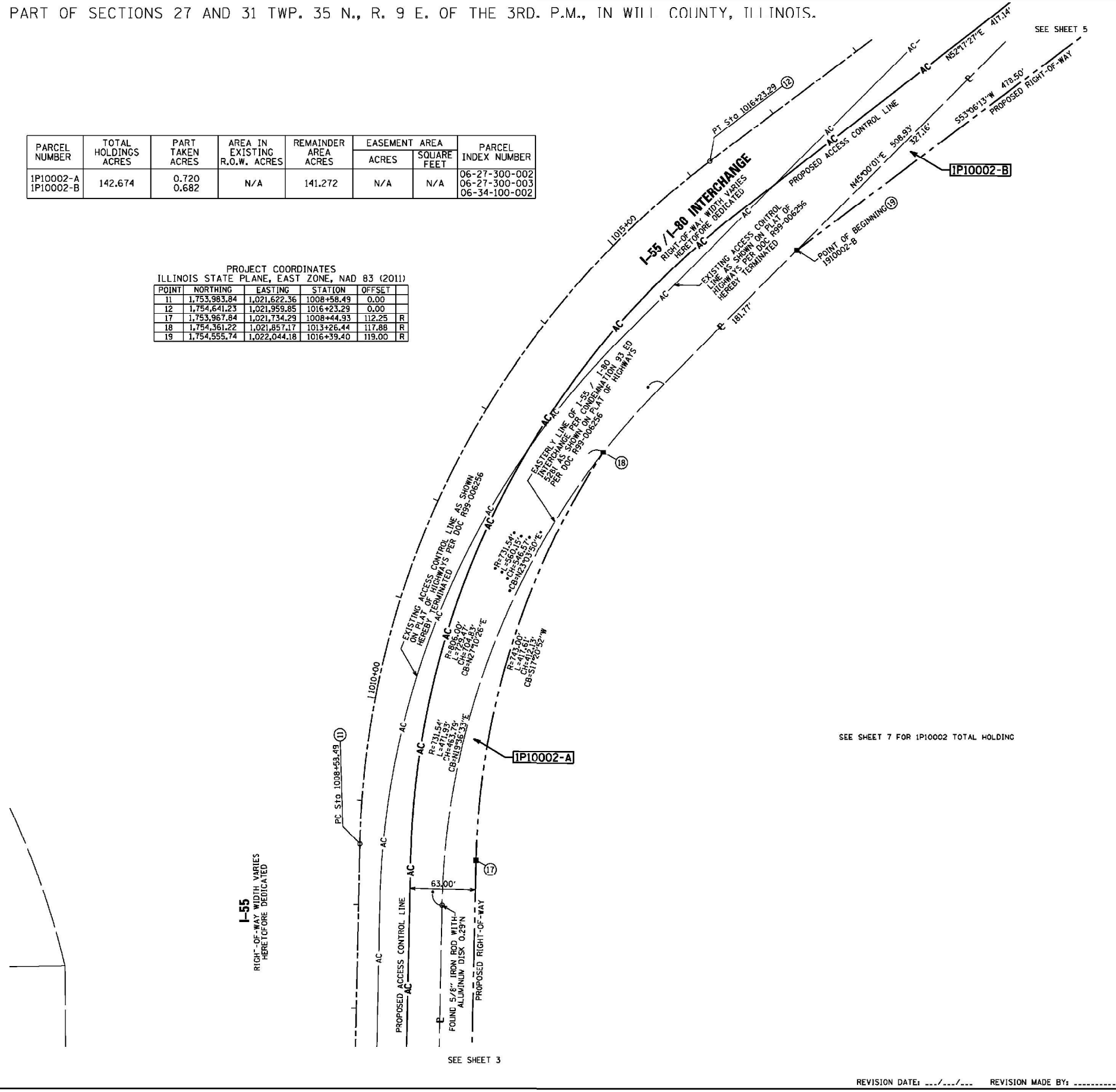
PART OF SECTIONS 27 AND 31 TWP. 35 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1P10002-A 1P10002-B	142.674	0.720 0.682	N/A	141.272	N/A	N/A	06-27-300-002 06-27-300-003 06-34-100-002

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT	NORTHING	EASTING	STATION	OFFSET
11	1,753,983.84	1,021,622.36	1008+58.49	0.00
12	1,754,641.23	1,021,959.85	1016+23.29	0.00
17	1,753,967.84	1,021,734.29	1008+44.93	112.25 R
18	1,754,361.22	1,021,857.17	1013+26.44	117.88 R
19	1,754,555.74	1,022,044.18	1016+39.40	119.00 R

DATE	BY
04-11-22	SNC
04-15-22	GKF
05-05-22	GKF
07-25-22	KMF
09-13-22	SNC



LEGEND

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPROXIMATE PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE

SCALE: 1" = 50'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET

+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

GENERAL NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID". NGS MONUMENTS AE2471 & AE2571 WERE UTILIZED FOR THIS SURVEY.
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995232.
- AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS
COUNTY OF COOK

THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002694, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 27 AND 31, TOWNSHIP 35 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

DALE A. GRAY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
LICENSE EXPIRES: NOVEMBER 30, 2022
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

APPROVED
By Rod Richgruber at 7:41 am, Oct 27, 2022

Mackie Consultants, LLC
9575 W. Higgins Road, Suite 500
Rosemont, IL 60018
(847)696-1400
www.mackieconsult.com

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 80

LIMITS: RIDGE ROAD TO US 30 COUNTY: WILL
SECTION: JOB NO.: R-91-016-20
STA. 1007+00 TO STA. 1018+00
SCALE: 1" = 50' SHEET 4 OF 8 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

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	DRAWN -	REVISED -
PLOT SCALE = 100,000 * 1/in.	CHECKED -	REVISED -
PLOT DATE = 6/25/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	225B
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

PART OF SECTIONS 27 AND 31 TWP. 35 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBFR
					ACRES	SQUARE FEET	
IP10002-A IP10002-B	142.674	0.720 0.682	N/A	141.272	N/A	N/A	06-27-300-002 06-27-300-003 06-34-100-002
IP10003	9.596	3.519	1.224	6.077	N/A	N/A	06-27-100-010

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT	NORTHING	EASTING	STATION	OFFSET
13	1,754,878.57	1,022,275.99	1020+18.61	0.00
20	1,754,843.02	1,022,426.85	1021+22.17	117.20 R
21	1,755,009.76	1,022,799.02	1025+48.70	162.90 R
22	1,755,101.83	1,022,887.95	1026+74.38	117.06 R
23	1,755,169.77	1,022,887.95	1027+02.29	54.75 R
30	1,755,064.31	1,022,561.61	1023+59.66	2.64 R

LEGEND

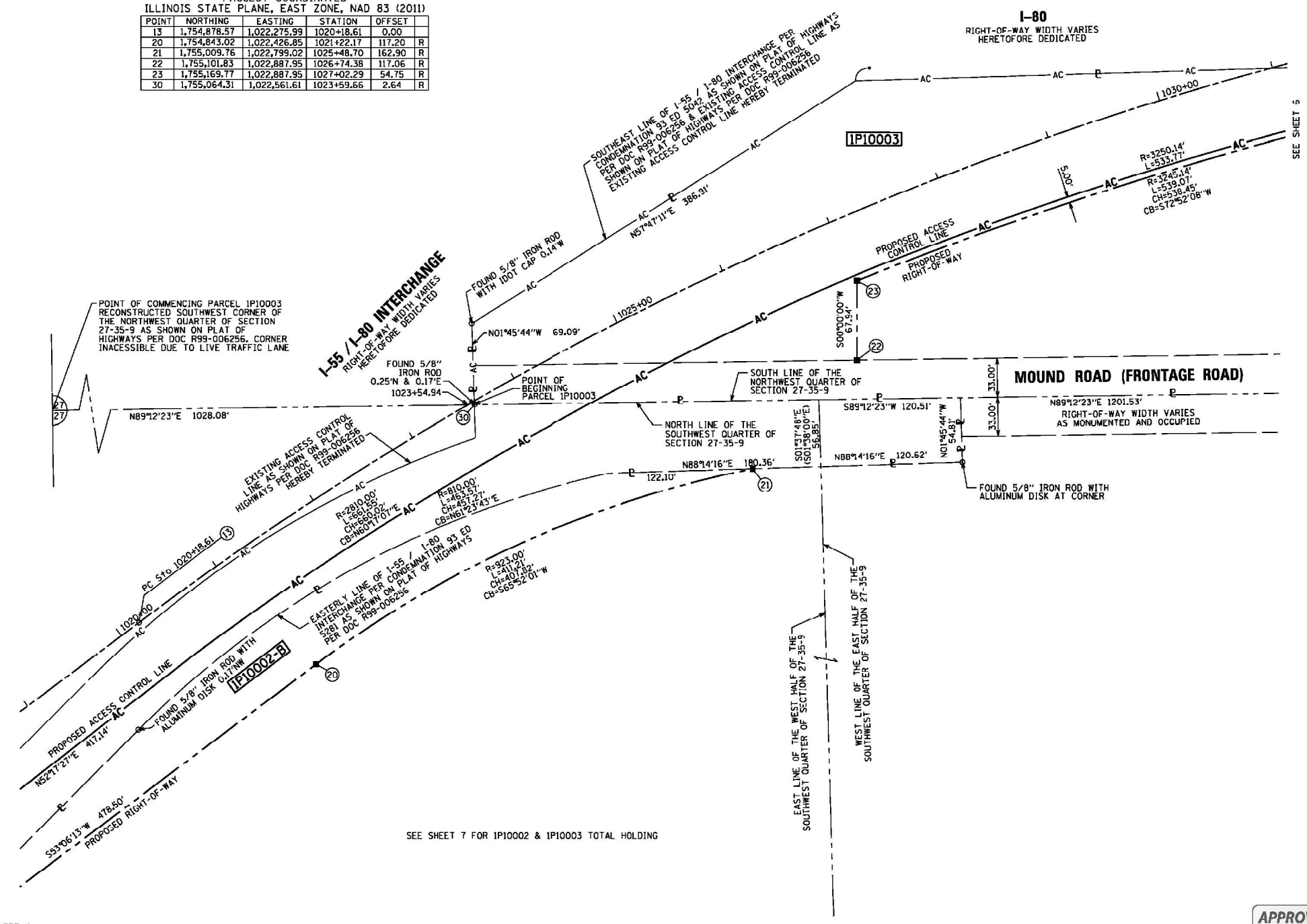
SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
STAKING OF PROPOSED RIGHT OF WAY
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS
PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02
RIGHT OF WAY STAKING PROPOSED TO BE SET

GENERAL NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID". NGS MONUMENTS AE2471 & AE2571 WERE UTILIZED FOR THIS SURVEY.
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995232.
4. AREAS SHOWN ON THIS PLAT ARE GROUND.

DATE	BY	REVISION
04-11-22	SMC	DRAWN
04-15-22	GKF	APPROVED
05-05-22	GKF	REVISED
07-25-22	KMF	REVISED
09-13-22	SMC	REVISED



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DALE A. GRAY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
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Mackie Consultants, LLC
9575 W. Higgins Road, Suite 500
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(847)696-1400
www.mackieconsult.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 80

LIMITS: RIDGE ROAD TO US 30 COUNTY: WILL
SECTION: STA. 1019+00 TO STA. 1031+00 JOB NO. R-91-016-20
SCALE: 1" = 50' SHEET 5 OF 8 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

APPROVED
 By Rod Richgruber at 7:41 am, Oct 27, 2022



USER NAME = dbook	DESIGNED -	REVISED -
PLOT SCALE = 100,000 * 1/in.	DRAWN -	REVISED -
PLOT DATE = 6/25/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	225C
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

PART OF SECTIONS 27 AND 31 TWP. 35 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
IP10003	9.596	3.519	1.224	6.077	N/A	N/A	06-27-100-010

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT	NORTHING	EASTING	STATION	OFFSET
14	1,755,447.67	1,023,847.89	1037+15.12	0.00
15	1,755,457.83	1,024,047.70	1039+15.19	0.00
24	1,755,328.38	1,023,402.51	1032+52.59	60.00 R
25	1,755,308.83	1,023,406.73	1032+52.59	80.00 R
26	1,755,365.44	1,023,811.65	1036+73.59	80.00 R
27	1,755,371.14	1,023,911.49	1037+74.76	79.66 R
28	1,755,115.68	1,024,176.64	1040+26.81	344.26 R
29	1,755,473.05	1,024,347.18	1042+15.06	0.00

LEGEND

SECTION CORNER: 9, 10, 15, 16
QUARTER SECTION CORNER: 15, 16

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

GRAPHIC SCALE
FEET
SCALE: 1" = 50'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND ⊗ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET ● 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 66701-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

- GENERAL NOTES:
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 - BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID". NGS MONUMENTS AE2471 & AE2571 WERE UTILIZED FOR THIS SURVEY.
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995232.
 - AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS
COUNTY OF COOK

THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002694, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 27 AND 31, TOWNSHIP 35 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

DALE A. GRAY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
LICENSE EXPIRES: NOVEMBER 30, 2024
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Mackie Consultants, LLC
9575 W. Higgins Road, Suite 500
Rosemont, IL 60018
(847) 696-1400
www.mackieconsult.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 80

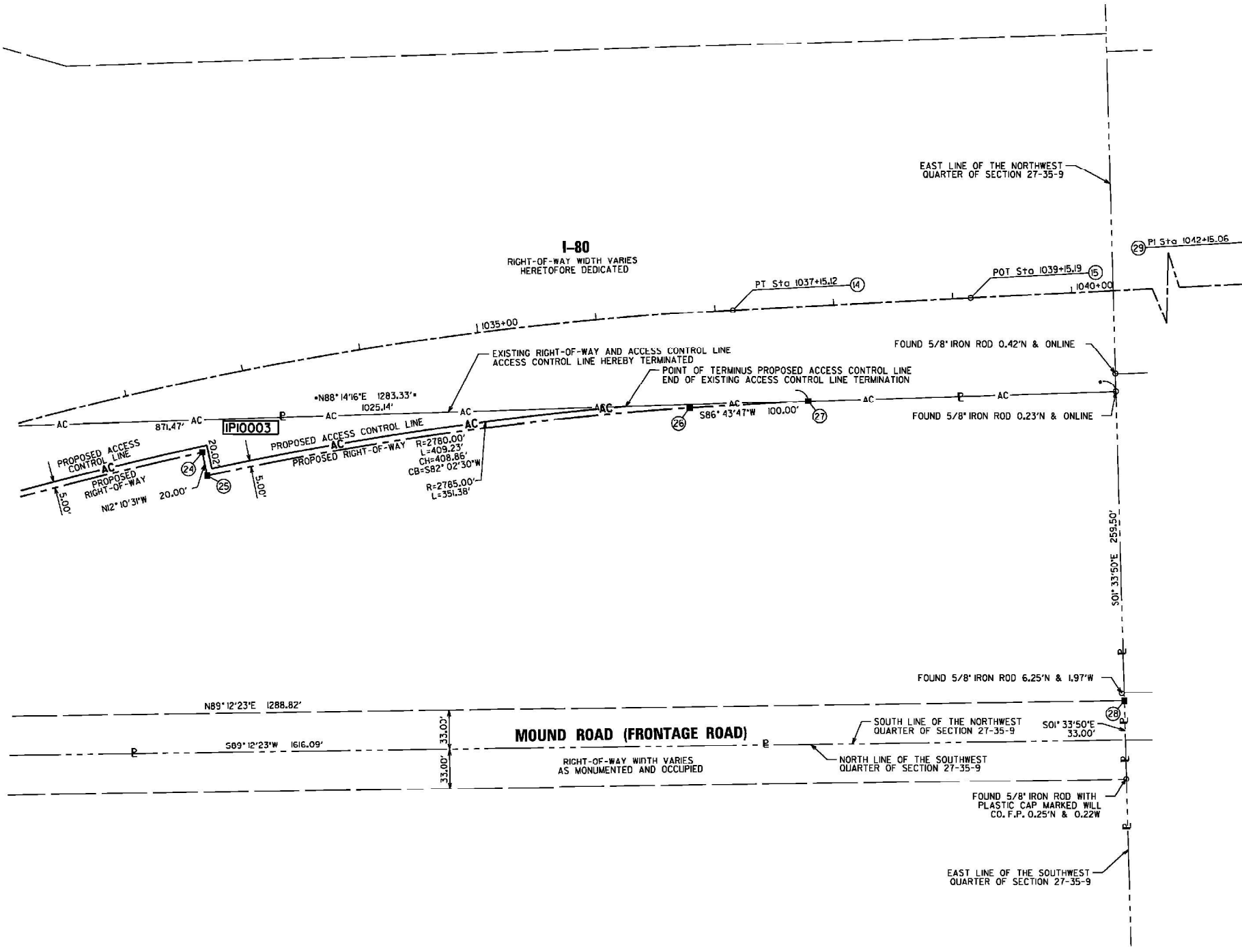
LIMITS: RIDGE ROAD TO US 30 COUNTY: WILL
SECTION: JOB NO. R-91-016-20
STA. 1031+00 TO STA. 1031+00
SCALE: 1" = 50' SHEET 6 OF 8 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

APPROVED
By Rod Richgruber at 9:40 am, May 29, 2024

DATE	BY	DATE	BY
DRAWN	04-11-22	SNC	05-29-24
REVIS	04-15-22	GKF	
REVIS	05-05-22	GKF	
REVIS	07-25-22	KMF	
REVIS	09-13-22	SNC	



SEE SHEET 5

REVISION DATE: _____ REVISION MADE BY: _____

5/29/2024 8:51:48 AM
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 63826\04-Sheet\13-Detail\13-Detail-D162025-shr-plt-06.dgn



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	DRAWN -	REVIS -
	CHECKED -	REVIS -
	DATE -	REVIS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	225D
				CONTRACT NO. 62R26
		ILLINOIS	FED. AID PROJECT	

PART OF SECTIONS 27 AND 31 TWP. 35 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT	NORTHING	EASTING	STATION	OFFSET
9	1,751,420.13	1,021,649.08	982+93.81	0.00
10	1,752,995.02	1,021,600.85	998+69.44	0.00
11	1,753,983.84	1,021,622.36	1008+58.49	0.00
12	1,754,641.23	1,021,959.85	1016+23.29	0.00
13	1,754,878.57	1,022,275.99	1020+18.61	0.00
14	1,755,447.67	1,023,847.89	1037+15.12	0.00
15	1,755,457.83	1,024,047.70	1039+15.19	0.00
29	1,755,473.05	1,024,347.18	1042+15.06	0.00
34	1,752,451.19	1,024,249.50	N/A	N/A
35	1,757,731.14	1,024,105.35	N/A	N/A

LEGEND

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPL
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

○ IRON PIPE OR ROD FOUND ● MAG NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET

GENERAL NOTES:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID". NGS MONUMENTS AE2471 & AE2571 WERE UTILIZED FOR THIS SURVEY.
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995232.
4. AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002694, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 27 AND 31, TOWNSHIP 35 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS _____ DAY OF _____, 20__ A.D.

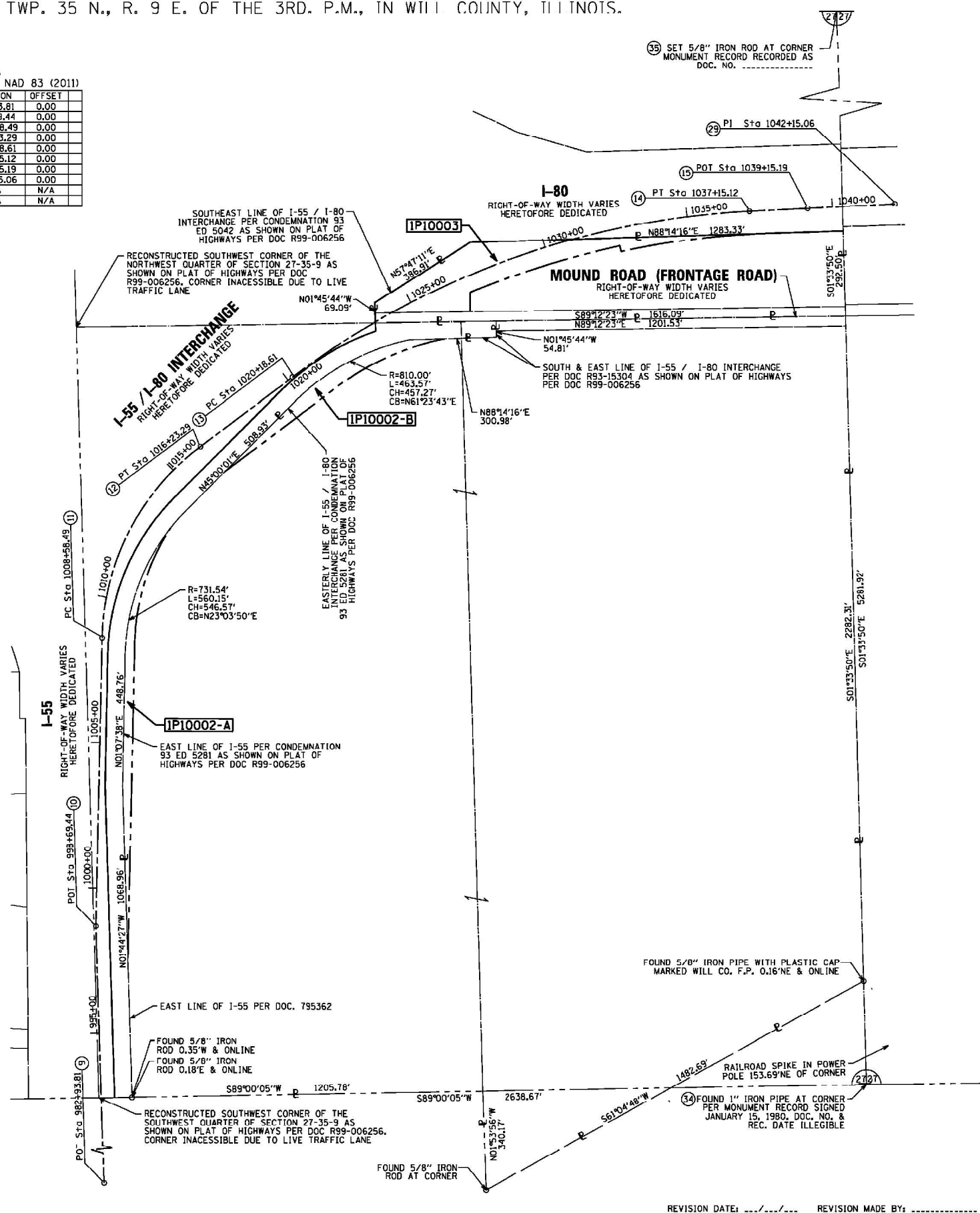
DALE A. GRAY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
LICENSE EXPIRES: NOVEMBER 30, 2022
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Mackie Consultants, LLC
9575 W. Higgins Road, Suite 500
Rosemont, IL 60018
(847)696-1400
www.mackieconsult.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 80

LIMITS: RIDGE ROAD TO US 30 COUNTY: WILL
SECTION: JOB NO. R-91-016-20
STA. 982+93.81 TO STA. 1042+15.06
SCALE: 1" = 200' SHEET 7 OF 8 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196



APPROVED
By Rod Richgruber at 7:41 am, Oct 27, 2022

IDOT USE ONLY

REVISION DATE: _____ REVISION MADE BY: _____

DATE	BY
04-11-22	SMC
04-15-22	GKF
07-25-22	KMF
09-13-22	SMC
	SMC

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USER NAME	DESIGNED	REVISION
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DATE	-	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	225E
				CONTRACT NO. 62R26

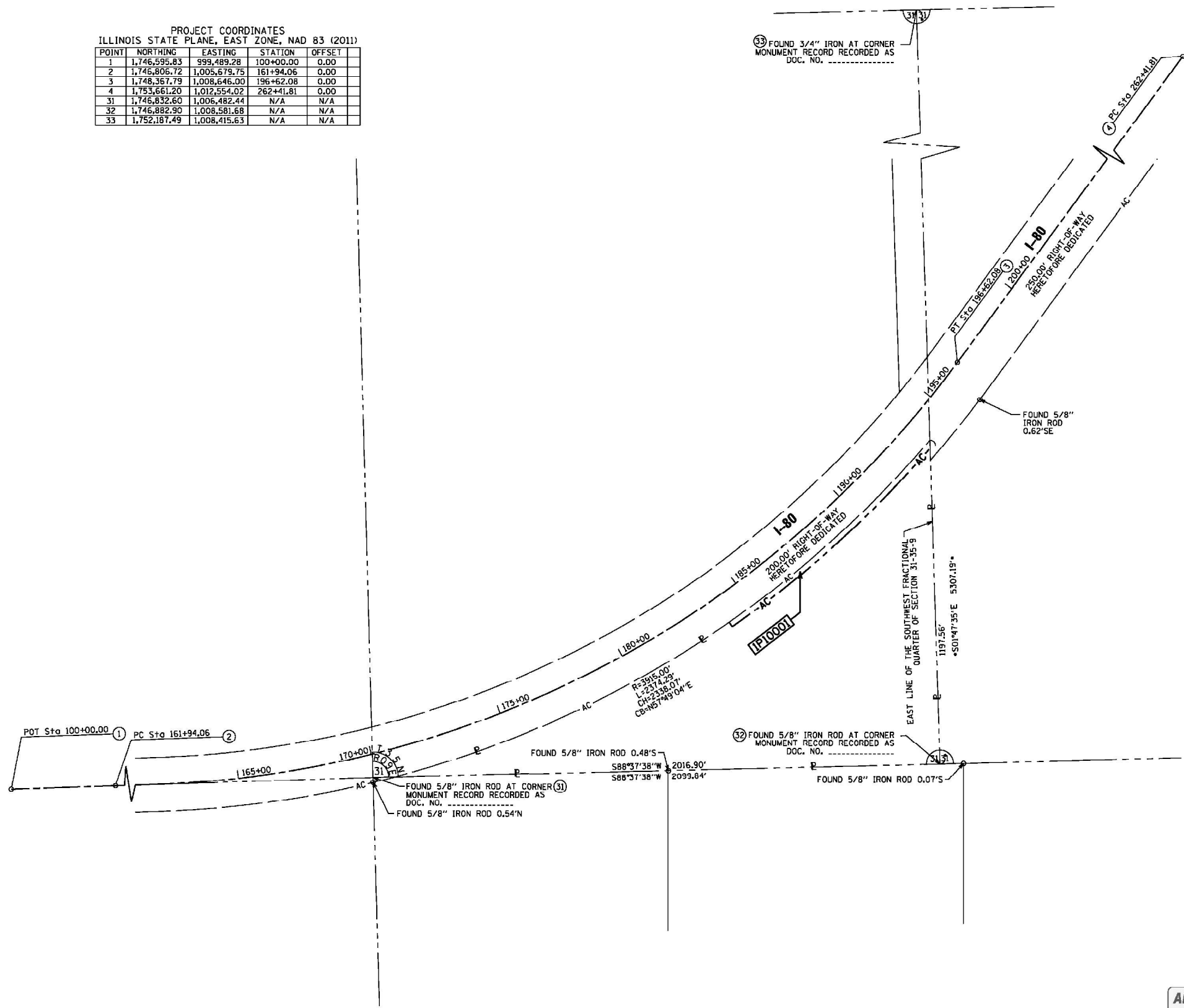
ILLINOIS FED. AID PROJECT

PART OF SECTIONS 27 AND 31 TWP. 35 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT	NORTHING	EASTING	STATION	OFFSET
1	1,746,595.83	999,489.28	100+00.00	0.00
2	1,746,806.72	1,005,679.75	161+94.06	0.00
3	1,748,367.79	1,008,646.00	196+62.08	0.00
4	1,753,661.20	1,012,554.02	262+41.81	0.00
31	1,746,832.60	1,006,482.44	N/A	N/A
32	1,746,882.90	1,008,581.68	N/A	N/A
33	1,752,187.49	1,008,415.63	N/A	N/A

DATE	BY
04-11-22	SMC
04-15-22	GKF
07-25-22	KMF
09-13-22	SMC
	REVIS
	REVIS
	REVIS



LEGEND

SECTION CORNER: 9 10 15 16

QUARTER SECTION CORNER: 16 15

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPL APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

GRAPHIC SCALE: 0 100 200 FEET
SCALE: 1" = 200'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101-02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

GENERAL NOTES:

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID". NGS MONUMENTS AE2471 & AE2571 WERE UTILIZED FOR THIS SURVEY.
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995232.
- AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
)SS
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002694, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 27 AND 31, TOWNSHIP 35 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

DALE A. GRAY
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
 LICENSE EXPIRES: NOVEMBER 30, 2022
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

APPROVED
 By Rod Richgruber at 7:41 am, Oct 27, 2022

Mackie Consultants, LLC
 9575 W. Higgins Road, Suite 500
 Rosemont, IL 60018
 (847)696-1400
 www.mackieconsult.com

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 80

LIMITS: RIDGE ROAD TO US 30 COUNTY: WILL
 SECTION: STA. 100+00.00 TO STA. 262+41.81 JOB NO. R-91-016-20
 SCALE: 1" = 200' SHEET 8 OF 8 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

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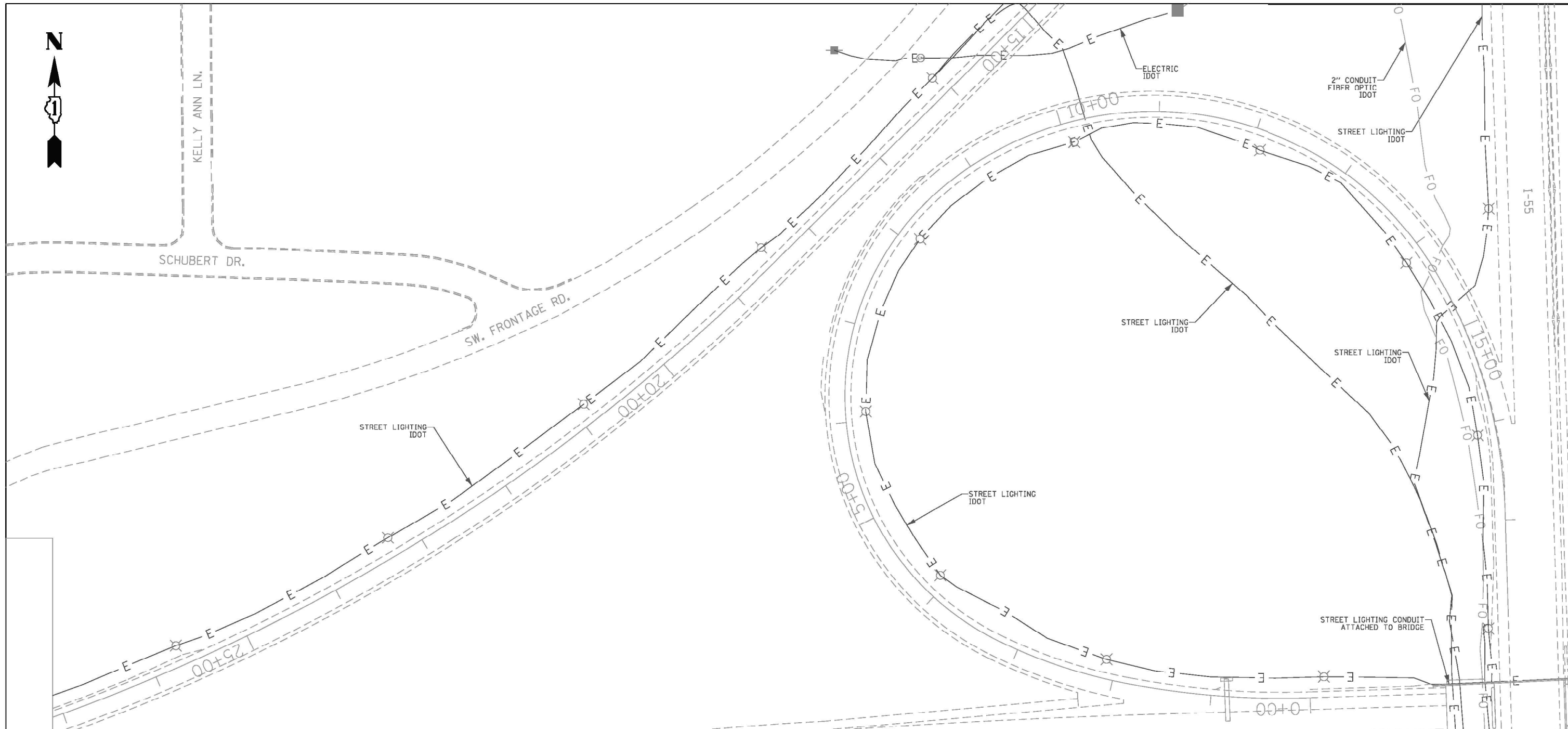


USER NAME = dbook	DESIGNED -	REVISED -
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PLOT DATE = 6/25/2024	CHECKED -	REVIS -
	DATE -	REVIS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
 SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	226
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
 PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASUREMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

QUALITY LEVEL B (QLB)
 INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

QUALITY LEVEL C (QLC)
 INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

QUALITY LEVEL D (QLD)
 INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

GENERAL NOTES:

WGI INC. HAS EXERCISED ITS BEST PROFESSIONAL EXPERTISE AND GEOPHYSICAL PROSPECTING TECHNIQUES TO DEVELOP THIS MAPPING OF SUBSURFACE UTILITIES WITHIN THE PROJECT LIMITS.

WGI INC. DOES NOT GUARANTEE THAT UTILITIES SHOWN COMPRISE ALL UTILITIES WITHIN THE PROJECT AREA.

WGI'S SUE QLB INVESTIGATION WAS PERFORMED 01/06/2019 THROUGH 02/14/2020. SUE QLA INVESTIGATION WAS PERFORMED 11/02/2021 THROUGH 11/12/2021. CHANGES TO UTILITIES AFTER THESE DATES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

UNLESS OTHERWISE NOTED, FIELD LOCATED UTILITIES MEET THE CI/ASCE 38-2 DEFINITION FOR QUALITY LEVEL "A" (QLA) AND QUALITY LEVEL "B" (QLB) STANDARDS.

WGI INC. DISCLAIMER: WGI RECOMMENDS SUE QUALITY LEVEL "A" AT ANY LOCATION WHERE A MORE ACCURATE DEPICTION OF THE UTILITY IS REQUIRED BY IDOT.

UTILITY LEGEND:

— A — A —	- AERIAL
— () — () —	- UNKNOWN UTILITY
— CTV — CTV —	- OIL (PETROLEUM)
— T — T —	- CABLE TV
— FO — FO —	- TELEPHONE
— G — G —	- FIBER OPTIC
— E — E —	- GAS
— E — E —	- ELECTRIC
— E — E —	- TRAFFIC SIGNAL/LIGHTING
— W — W —	- WATER
— S — S —	- SANITARY SEWER
— ST — ST —	- STORM SEWER
— ED — ED —	- TEST HOLE
— ED — ED —	- ELECTRONIC DEPTH

JOHN J. BELLIS
 062-044796
 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

John J. Bellis
 signature
 12/14/2021
 date

license expires 02/28/2022

AMERICAN
 SURVEYING & ENGINEERING, P.C.

American Surveying & Engineering, P.C.
 30 N. LaSalle St., Suite 3440
 Chicago, IL 60602
 Phone No. (312) 277-2000

Accurate
 GROUP, INC.

Accurate Group, Inc.
 101 Schekter Road, Suite 200b
 Lincolnshire, IL 60069
 Phone No. (847) 613-1100

WGI

2001 Butterfield Road, Suite 410
 Downers Grove, IL 60515
 Phone No. (630) 307-3800
 Fax No. (630) 307-7030
 Cert No. 6091 - LB No. 7055

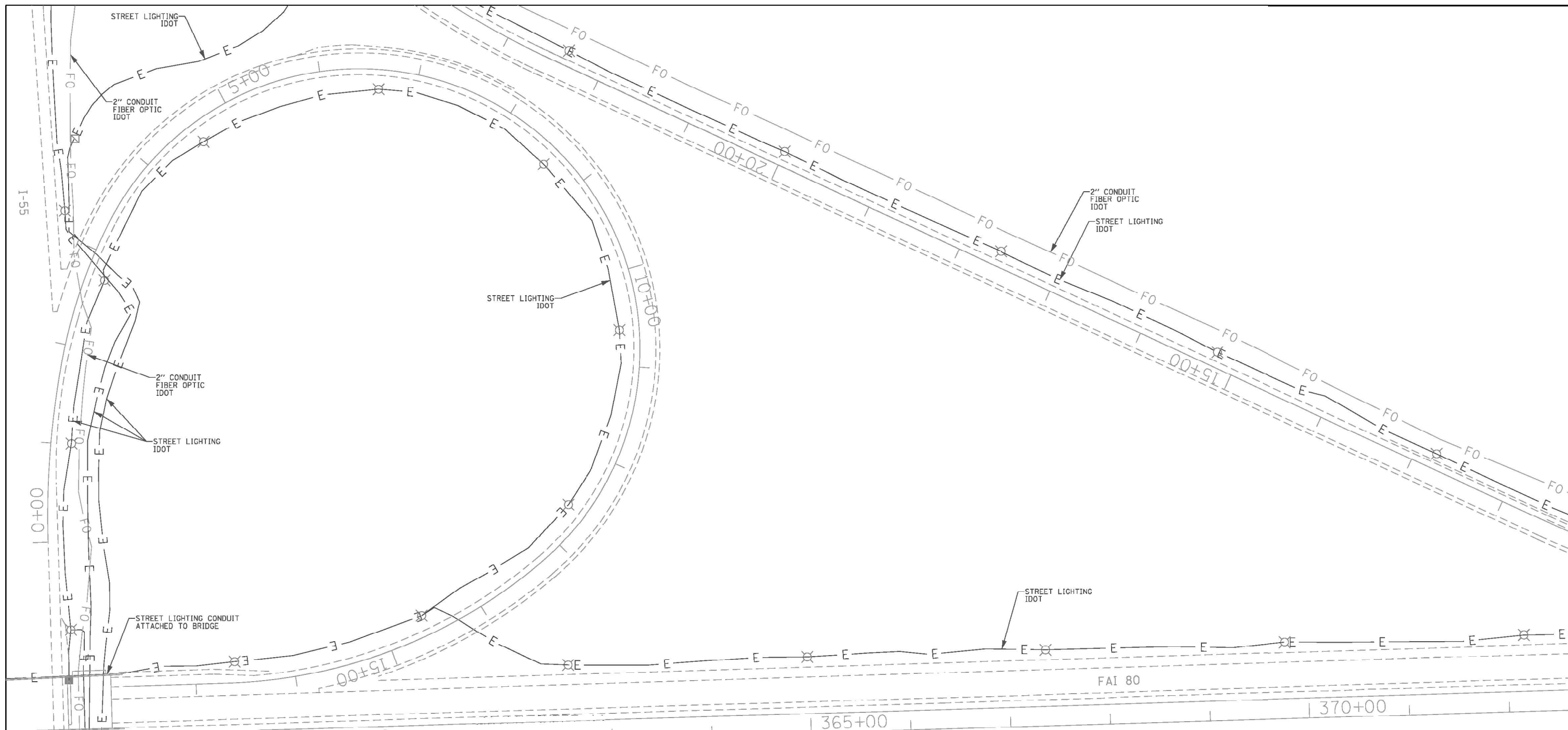
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PLOT DATE = 12/10/2021	CHECKED - EG	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING SUE PLAN

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	231
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R26	



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
 PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASUREMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

QUALITY LEVEL B (QLB)
 INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

QUALITY LEVEL C (QLC)
 INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

QUALITY LEVEL D (QLD)
 INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

GENERAL NOTES:

WGI INC. HAS EXERCISED ITS BEST PROFESSIONAL EXPERTISE AND GEOPHYSICAL PROSPECTING TECHNIQUES TO DEVELOP THIS MAPPING OF SUBSURFACE UTILITIES WITHIN THE PROJECT LIMITS.

WGI INC. DOES NOT GUARANTEE THAT UTILITIES SHOWN COMPRISE ALL UTILITIES WITHIN THE PROJECT AREA.

WGI'S SUE QLB INVESTIGATION WAS PERFORMED 01/06/2019 THROUGH 02/14/2020. SUE QLA INVESTIGATION WAS PERFORMED 11/02/2021 THROUGH 11/12/2021. CHANGES TO UTILITIES AFTER THESE DATES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

UNLESS OTHERWISE NOTED, FIELD LOCATED UTILITIES MEET THE CI/ASCE 38-2 DEFINITION FOR QUALITY LEVEL "A" (QLA) AND QUALITY LEVEL "B" (QLB) STANDARDS.

WGI INC. DISCLAIMER: WGI RECOMMENDS SUE QUALITY LEVEL "A" AT ANY LOCATION WHERE A MORE ACCURATE DEPICTION OF THE UTILITY IS REQUIRED BY IDOT.

UTILITY LEGEND:

— A — A —	- AERIAL
— — — — —	- UNKNOWN UTILITY
— (O) — (O) —	- OIL (PETROLEUM)
— CTV — CTV —	- CABLE TV
— T — T —	- TELEPHONE
— FO — FO —	- FIBER OPTIC
— (G) — (G) —	- GAS
— E — E —	- ELECTRIC
— E — E —	- TRAFFIC SIGNAL/LIGHTING
— W — W —	- WATER
— S — S —	- SANITARY SEWER
— ST — ST —	- STORM SEWER
— ED — ED —	- TEST HOLE
— ED — ED —	- ELECTRONIC DEPTH

JOHN J. BELLIS
 062-044796
 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

John J. Bellis
 signature
 12/14/2021
 date

license expires 02/28/2022

AMERICAN
 SURVEYING & ENGINEERING, P.C.

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2001 Butterfield Road, Suite 410
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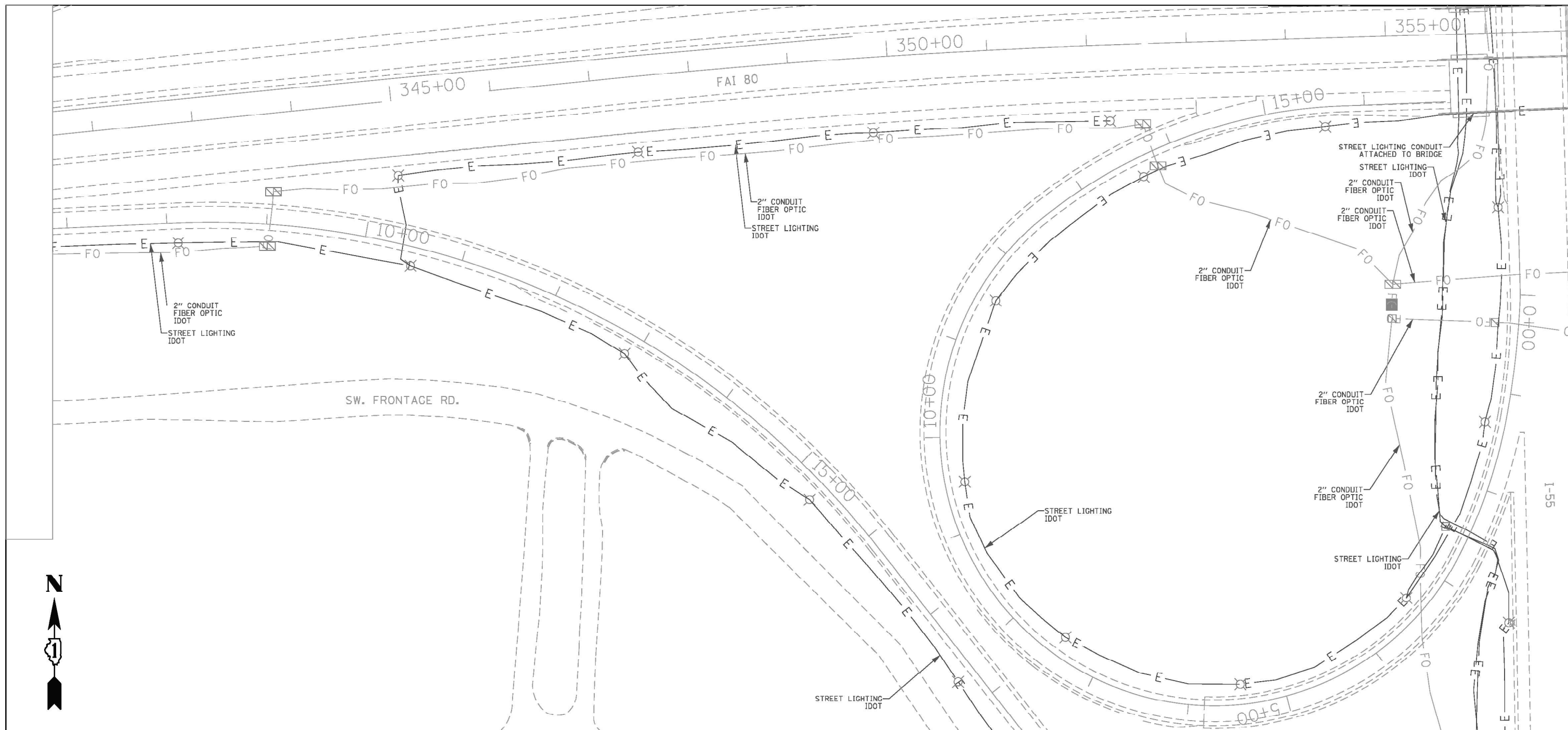
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PLOT DATE = 12/10/2021	CHECKED - EG	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING SUE PLAN

SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	232
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASUREMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

QUALITY LEVEL B (QLB)
INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

QUALITY LEVEL C (QLC)
INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

QUALITY LEVEL D (QLD)
INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

GENERAL NOTES:

WGI INC. HAS EXERCISED ITS BEST PROFESSIONAL EXPERTISE AND GEOPHYSICAL PROSPECTING TECHNIQUES TO DEVELOP THIS MAPPING OF SUBSURFACE UTILITIES WITHIN THE PROJECT LIMITS.

WGI INC. DOES NOT GUARANTEE THAT UTILITIES SHOWN COMPRISE ALL UTILITIES WITHIN THE PROJECT AREA.

WGI'S SUE QLB INVESTIGATION WAS PERFORMED 01/06/2019 THROUGH 02/14/2020. SUE QLA INVESTIGATION WAS PERFORMED 11/02/2021 THROUGH 11/12/2021. CHANGES TO UTILITIES AFTER THESE DATES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

UNLESS OTHERWISE NOTED, FIELD LOCATED UTILITIES MEET THE CI/ASCE 38-2 DEFINITION FOR QUALITY LEVEL "A" (QLA) AND QUALITY LEVEL "B" (QLB) STANDARDS.

WGI INC. DISCLAIMER: WGI RECOMMENDS SUE QUALITY LEVEL "A" AT ANY LOCATION WHERE A MORE ACCURATE DEPICTION OF THE UTILITY IS REQUIRED BY IDOT.

UTILITY LEGEND:

- A — A — AERIAL
- — — — — UNKNOWN UTILITY
- (O) — (O) — OIL (PETROLEUM)
- CTV — CTV — CABLE TV
- T — T — TELEPHONE
- FO — FO — FIBER OPTIC
- (G) — (G) — GAS
- E — E — ELECTRIC
- E — E — TRAFFIC SIGNAL/LIGHTING
- W — W — WATER
- S — S — SANITARY SEWER
- ST — ST — STORM SEWER
- [] — [] — TEST HOLE
- ED — ED — ELECTRONIC DEPTH



John J. Bellis
signature
12/14/2021
date

license expires 02/28/2022

AMERICAN
SURVEYING & ENGINEERING, P.C.
American Surveying & Engineering, P.C.
30 N. LaSalle St., Suite 3440
Chicago, IL 60602
Phone No. (312) 277-2000

Accurate
GROUP, INC.
Accurate Group, Inc.
101 Schekter Road, Suite 200b
Lincolnshire, IL 60069
Phone No. (847) 613-1100



2001 Butterfield Road, Suite 410
Downers Grove, IL 60515
Phone No. (630) 307-3800
Fax No. (630) 307-7030
Cert No. 6091 - LB No. 7055

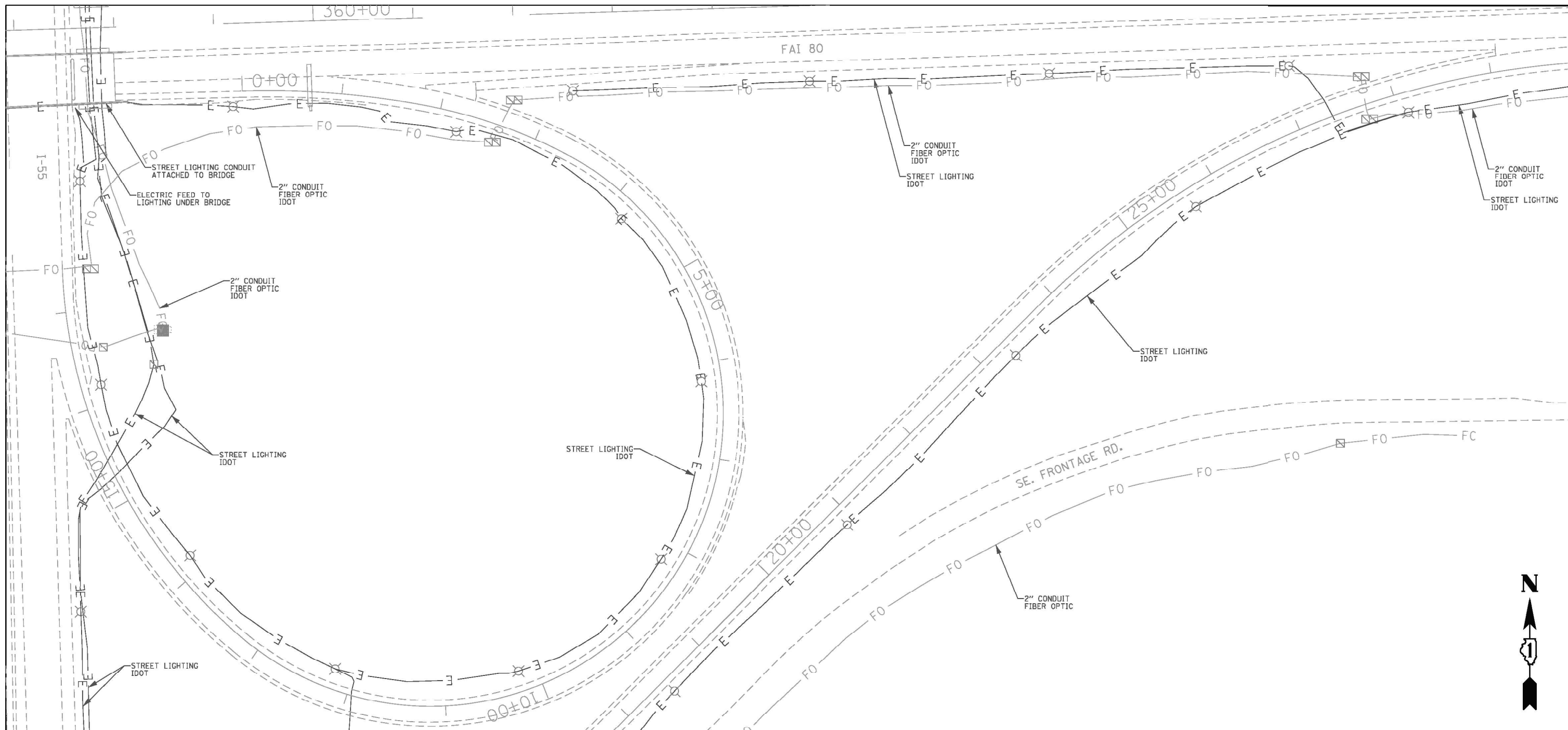
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	DRAWN - EM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - EG	REVISED -
PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING SUE PLAN

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	233
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	



ASCE STANDARDS OF DEPICTION OF SUBSURFACE UTILITIES

QUALITY LEVEL A (QLA)
 PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) USING MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT TO MINIMIZE POTENTIAL FOR UTILITY DAMAGE, AND SUBSEQUENT MEASUREMENT OF THE SUBSURFACE UTILITIES WITH OTHER UTILITY ATTRIBUTES SUCH AS TYPE, SIZE & MATERIAL OF UTILITY.

QUALITY LEVEL B (QLB)
 INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

QUALITY LEVEL C (QLC)
 INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

QUALITY LEVEL D (QLD)
 INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

GENERAL NOTES:

WGI INC. HAS EXERCISED ITS BEST PROFESSIONAL EXPERTISE AND GEOPHYSICAL PROSPECTING TECHNIQUES TO DEVELOP THIS MAPPING OF SUBSURFACE UTILITIES WITHIN THE PROJECT LIMITS.

WGI INC. DOES NOT GUARANTEE THAT UTILITIES SHOWN COMPRISE ALL UTILITIES WITHIN THE PROJECT AREA.

WGI'S SUE QLB INVESTIGATION WAS PERFORMED 01/06/2019 THROUGH 02/14/2020. SUE QLA INVESTIGATION WAS PERFORMED 11/02/2021 THROUGH 11/12/2021. CHANGES TO UTILITIES AFTER THESE DATES MAY HAVE BEEN MADE AND THEREFORE MAY RESULT IN VARIANCES FROM THIS PLAN IF DEEMED ADVISABLE PRIOR TO FINAL DESIGN AND CONSTRUCTION.

UNLESS OTHERWISE NOTED, FIELD LOCATED UTILITIES MEET THE CI/ASCE 38-2 DEFINITION FOR QUALITY LEVEL "A" (QLA) AND QUALITY LEVEL "B" (QLB) STANDARDS.

WGI INC. DISCLAIMER: WGI RECOMMENDS SUE QUALITY LEVEL "A" AT ANY LOCATION WHERE A MORE ACCURATE DEPICTION OF THE UTILITY IS REQUIRED BY IDOT.

UTILITY LEGEND:

- A — A — AERIAL
- — — — — UNKNOWN UTILITY
- (O) — — — — OIL (PETROLEUM)
- CTV — CTV — CABLE TV
- T — T — TELEPHONE
- FO — FO — FIBER OPTIC
- (G) — — — — GAS
- E — E — ELECTRIC
- E — E — TRAFFIC SIGNAL/LIGHTING
- W — W — WATER
- S — S — SANITARY SEWER
- ST — ST — STORM SEWER
- ED — — — — TEST HOLE
- ED — — — — ELECTRONIC DEPTH



John J. Bellis
 signature
 12/14/2021
 date

license expires 02/28/2022

AMERICAN
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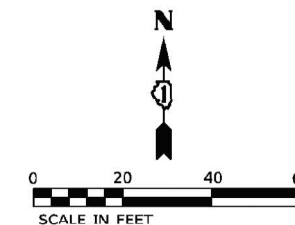
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	DRAWN - EM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - EG	REVISED -
PLOT DATE = 12/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING SUE PLAN

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	234
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R26	



NOTES:
 1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND RIGHT-OF-WAY WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION ON SEPTEMBER 26TH, 2022.
 2. SUE QLA DATA WAS ONLY REQUESTED AT THE LOCATIONS SHOWN, THIS IS NOT A COMPLETE UTILITY INVESTIGATION OF THE AREA.
 3. ELECTRONIC DEPTH INFORMATION, IF SHOWN FOR LEVEL B LINES, IS APPROXIMATE ONLY. DEPTHS ON THE LEVEL B LOCATES WERE CAPTURED FROM THE LOCATING EQUIPMENT AND ARE NOT LEVEL A QUALITY. ESTIMATED ELECTRONIC DEPTHS ARE MEASURED TO THE CENTER OF THE UTILITY AND MAY VARY. FOR SPECIFIC POINT DEPTHS EACH ESTIMATED ALONG A UTILITY LINE, PLEASE SEE THE POINT DATA LOCATED WITHIN THE CADD FILE OR RAW DATA FILE. SUE LEVEL A LOCATES SHOULD BE PERFORMED TO OBTAIN ACCURATE DEPTH INFORMATION.

UTILITY LINE LEGEND

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CIV — EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC
- A — EXISTING AERIAL LINE
- EOGI END OF SURFACE GEOPHYSICAL INFORMATION
- T/P TOP OF UTILITY PIPE
- ED ELECTRONIC DEPTH (IN FEET)
- QUALITY LEVEL A (QLA) TEST HOLE COMPLETED

STATE OF ILLINOIS)
) S.S.
 COUNTY OF COOK)

UTILITY(IES) LOCATIONS WERE COLLECTED AND DEPICTED AS SHOWN HEREON BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS C/ASCE 38-02 FOR QUALITY LEVEL A (QLA). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 18TH AND 26TH DAY OF OCTOBER, 2022.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 6TH DAY OF JANUARY A.D., 2023. CHICAGO, IL.



Thomas A. Sanderson
 THOMAS A. SANDERSON - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-054022
 MY LICENSE EXPIRES 11/30/2023



USER NAME = JSUSERS	DESIGNED MM	REVISED -
	DRAWN MM	REVISED -
PLOT SCALE = SCALES	CHECKED TS	REVISED -
PLOT DATE = SDATES	DATE 12/29/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

QLA SUE STUDY PLAN
 I-55 AT I-80

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-55		WILL	1	1
			CONTRACT NO. 62R28	
ILLINOIS FED. AID PROJECT				



USER NAME = jstrouse	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/31/2024	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

UTILITY LOCATION
 TEST HOLE REPORTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	238
			CONTRACT NO. 62R26	
ILLINOIS FED. AID PROJECT				

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VACUUM TEST HOLE FORM

TEST HOLE #: TC-01 DATE(S) OF EXCAVATION: 10/24/22 + 10/26/22
 FIELD BK# & PG #: 3-34 LOCATION: I-55
 JOB #: 221008.39 CREW CHIEF: FW

PROFILE VIEW N.T.S.

PLAN VIEW

UTILITY INFORMATION

UTILITY OWNER: TC ENERGY

LOCATED UTILITY TYPE: GAS MAIN

LOCATED UTILITY MATERIAL: STL

LOCATED UTILITY SIZE: 30"

CASING SIZE: NA

CORING: YES/NO

PIPE COATING TYPE: BLACK L2AD

PVMT CONDITION PRIOR TO EXCAVATION:

ADD'L UTIL IN HOLE:

DEPTH: 12.30

MISC. COMMENT: V&T ROCK (100%)

UTILITY INFORMATION

TH SURVEY MARKER: HUB W LINTH

NORTHING: 1752903.46

EASTING: 1021644.14

ELEV: 550.10 TOP UTIL/STRUCT

☉ OF UTILITY: ELEV: 537.80

NORTHING: BOT UTIL/STRUCT

EASTING: ELEV:

CHECKED BY:

AMERICAN
SURVEYING & ENGINEERING, P.C.

615-288-6231 • 841 N. Galena Ave., Dixon, IL, 61021
 630-897-4105 • 1548 Bond St. Suite 105, Naperville, IL, 60563
 312-277-2000 • 200 N. LaSalle St., Suite 2630, Chicago, IL 60602

VACUUM TEST HOLE FORM

TEST HOLE #: TC-02 DATE(S) OF EXCAVATION: 10/26/22
 FIELD BK# & PG #: 34-34 LOCATION: I-55
 JOB #: 221008.39 CREW CHIEF: FW

PROFILE VIEW N.T.S.

PLAN VIEW

UTILITY INFORMATION

UTILITY OWNER: TC ENERGY - TRANS CANADA

LOCATED UTILITY TYPE: GAS MAIN

LOCATED UTILITY MATERIAL: STL

LOCATED UTILITY SIZE: 27"

CASING SIZE: 24" RCP

CORING: YES/NO

PIPE COATING TYPE: NA

PVMT CONDITION PRIOR TO EXCAVATION:

ADD'L UTIL IN HOLE:

DEPTH: 8.26

MISC. COMMENT:

UTILITY INFORMATION

TH SURVEY MARKER: HUB

NORTHING: 1752932.57

EASTING: 1021641.15

ELEV: 550.88 TOP UTIL/STRUCT

☉ OF UTILITY: ELEV: 542.62

NORTHING: BOT UTIL/STRUCT

EASTING: ELEV:

CHECKED BY:

AMERICAN
SURVEYING & ENGINEERING, P.C.

615-288-6231 • 841 N. Galena Ave., Dixon, IL, 61021
 630-897-4105 • 1548 Bond St. Suite 105, Naperville, IL, 60563
 312-277-2000 • 200 N. LaSalle St., Suite 2630, Chicago, IL 60602

VACUUM TEST HOLE FORM

TEST HOLE #: FN-01 DATE(S) OF EXCAVATION: 10/18/22
 FIELD BK# & PG #: 2-34 LOCATION: I-55
 JOB #: 221008.39 CREW CHIEF: FW

PROFILE VIEW N.T.S.

PLAN VIEW

UTILITY INFORMATION

UTILITY OWNER: EN BRIDGE

LOCATED UTILITY TYPE: GAS

LOCATED UTILITY MATERIAL: STL

LOCATED UTILITY SIZE: 24"

CASING SIZE: 30" RCP

CORING: YES/NO

PIPE COATING TYPE: NA

PVMT CONDITION PRIOR TO EXCAVATION: NA

ADD'L UTIL IN HOLE: NA

DEPTH: 11.86

MISC. COMMENT:

UTILITY INFORMATION

TH SURVEY MARKER: HUB

NORTHING: 1753039.78

EASTING: 1021640.81

ELEV: 557.16 TOP UTIL/STRUCT

☉ OF UTILITY: ELEV: 545.30

NORTHING: BOT UTIL/STRUCT

EASTING: ELEV:

CHECKED BY:

AMERICAN
SURVEYING & ENGINEERING, P.C.

615-288-6231 • 841 N. Galena Ave., Dixon, IL, 61021
 630-897-4105 • 1548 Bond St. Suite 105, Naperville, IL, 60563
 312-277-2000 • 200 N. LaSalle St., Suite 2630, Chicago, IL 60602



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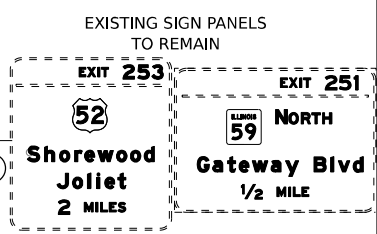
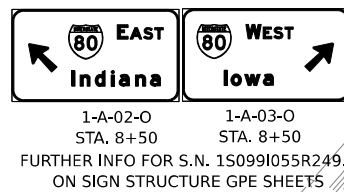
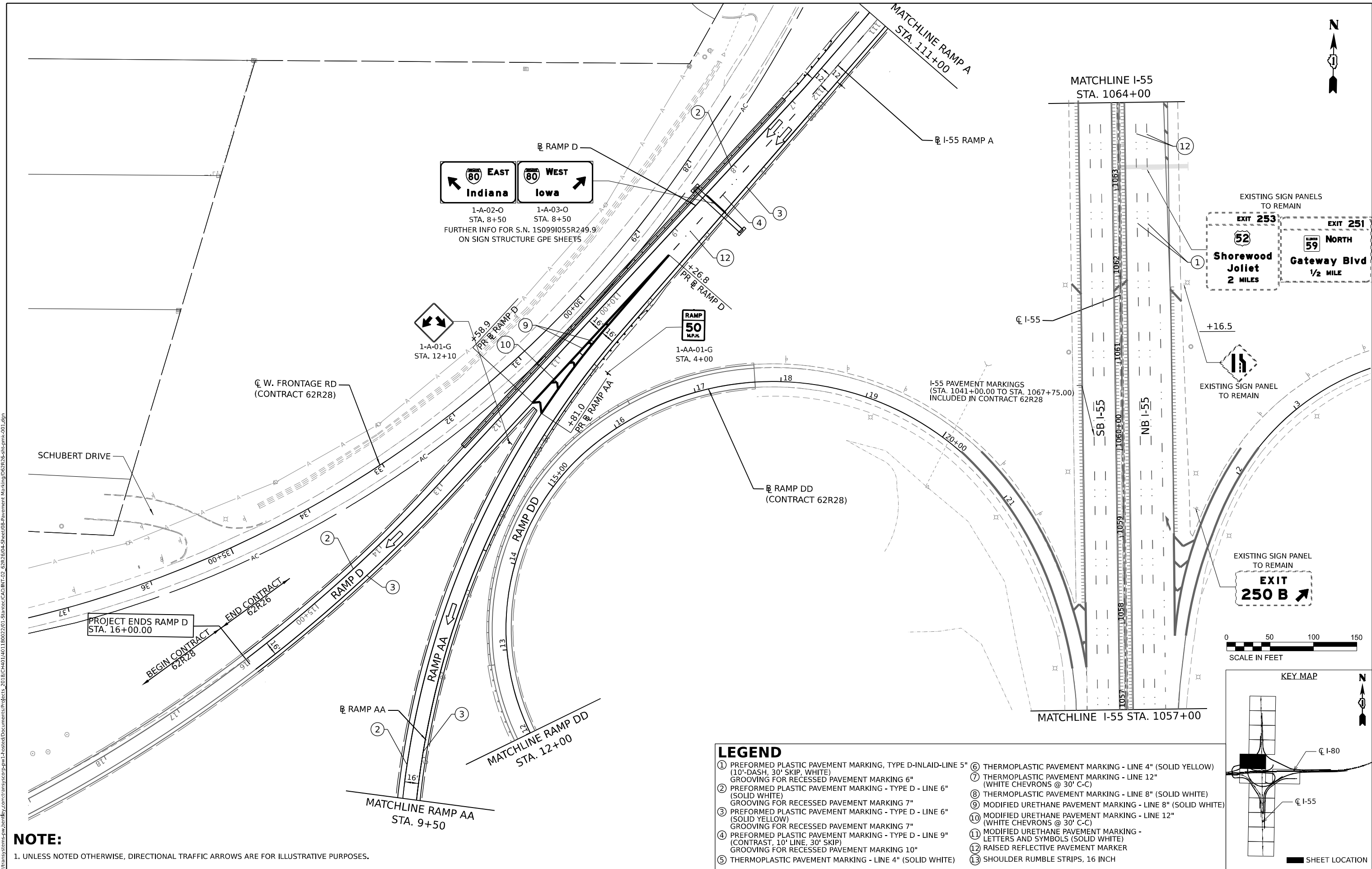
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DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UTILITY LOCATION
TEST HOLE REPORTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	239
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① PREFORMED PLASTIC PAVEMENT MARKING - TYPE D-INLAID-LINE 5" (10'-DASH, 30' SKIP, WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING 6"
 - ② PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 6" (SOLID WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING 7"
 - ③ PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 6" (SOLID YELLOW)
GROOVING FOR RECESSED PAVEMENT MARKING 7"
 - ④ PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 9" (CONTRAST, 10' LINE, 30' SKIP)
GROOVING FOR RECESSED PAVEMENT MARKING 10"
 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CHEVRONS @ 30' C-C)
 - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
 - ⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
 - ⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE CHEVRONS @ 30' C-C)
 - ⑪ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
 - ⑫ RAISED REFLECTIVE PAVEMENT MARKER
 - ⑬ SHOULDER RUMBLE STRIPS, 16 INCH

NOTE:
1. UNLESS NOTED OTHERWISE, DIRECTIONAL TRAFFIC ARROWS ARE FOR ILLUSTRATIVE PURPOSES.



USER NAME = jstrouse	DESIGNED -	REVISED -
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PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

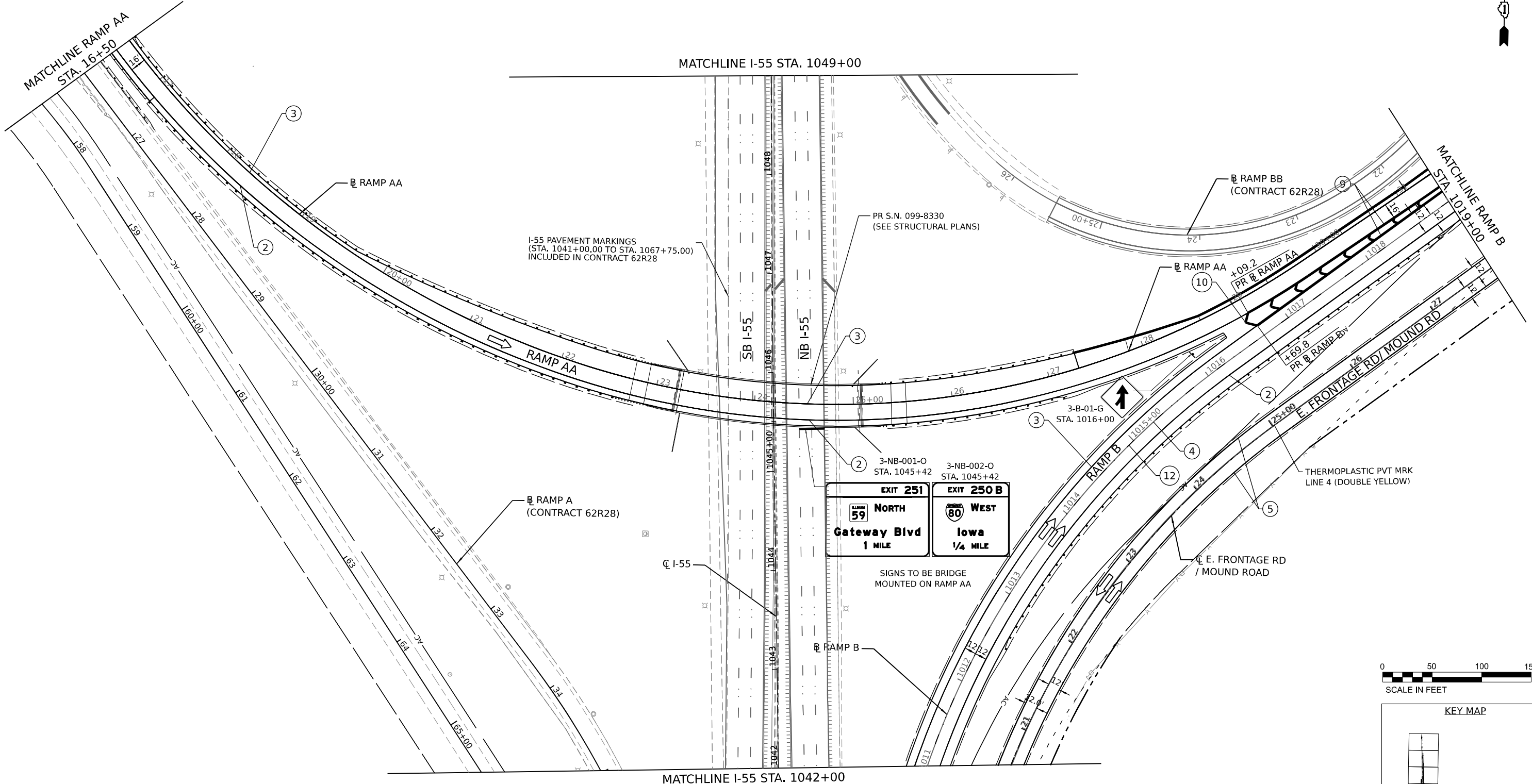
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	240
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

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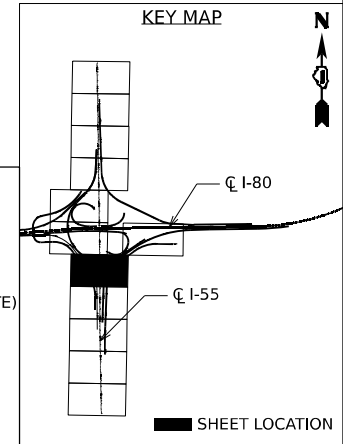
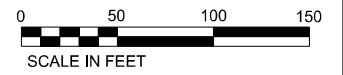
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NOTE:

1. UNLESS NOTED OTHERWISE, DIRECTIONAL TRAFFIC ARROWS ARE FOR ILLUSTRATIVE PURPOSES.

LEGEND

- | | |
|---|--|
| ① PREFORMED PLASTIC PAVEMENT MARKING - TYPE D-INLAID-LINE 5" (10'-DASH, 30' SKIP, WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING 6" | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW) |
| ② PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 6" (SOLID WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING 7" | ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CHEVRONS @ 30' C-C) |
| ③ PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 6" (SOLID YELLOW)
GROOVING FOR RECESSED PAVEMENT MARKING 7" | ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE) |
| ④ PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 9" (CONTRAST, 10' LINE, 30' SKIP)
GROOVING FOR RECESSED PAVEMENT MARKING 10" | ⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE) | ⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE CHEVRONS @ 30' C-C) |
| | ⑪ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE) |
| | ⑫ RAISED REFLECTIVE PAVEMENT MARKER |
| | ⑬ SHOULDER RUMBLE STRIPS, 16 INCH |



USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

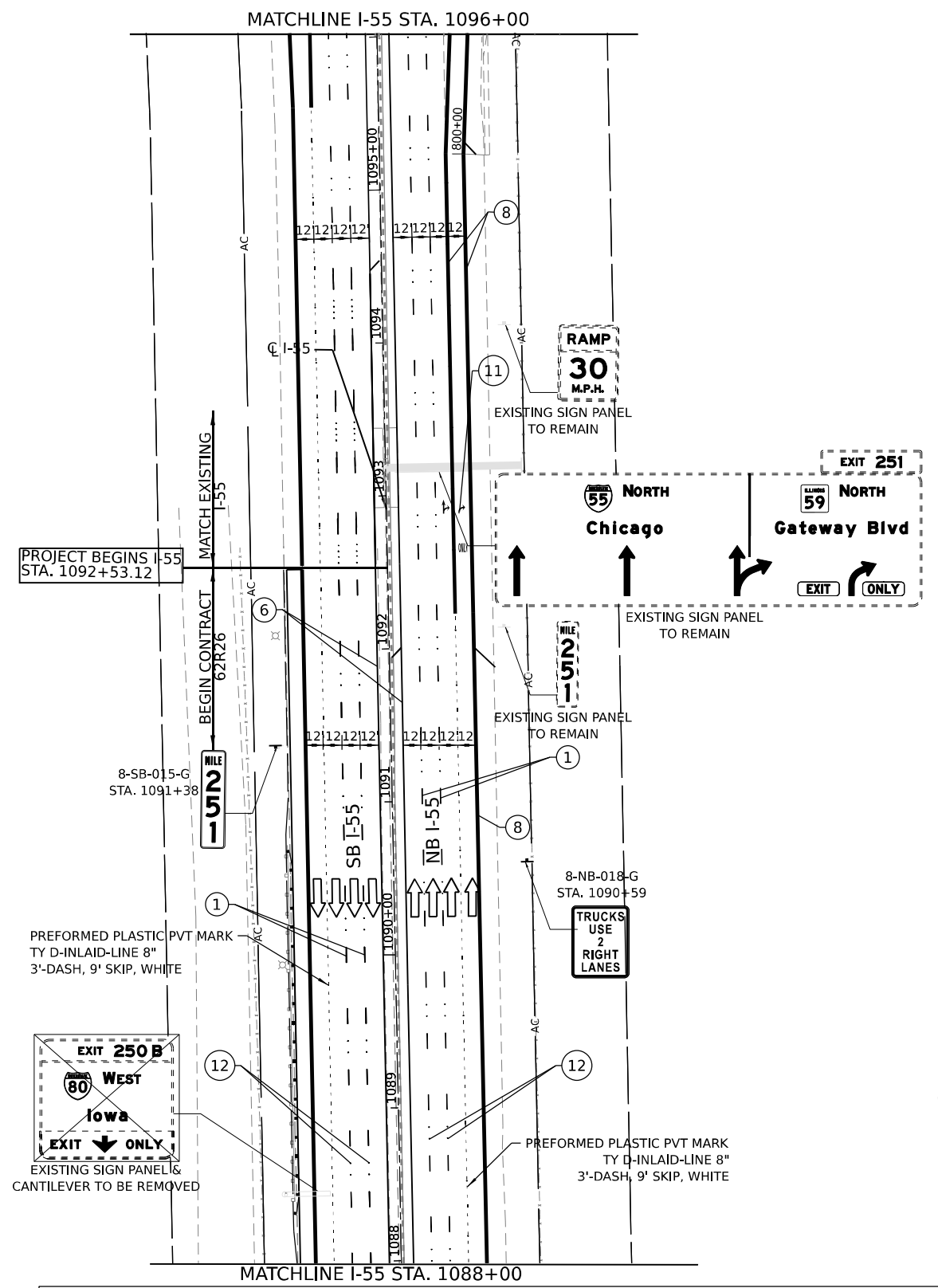
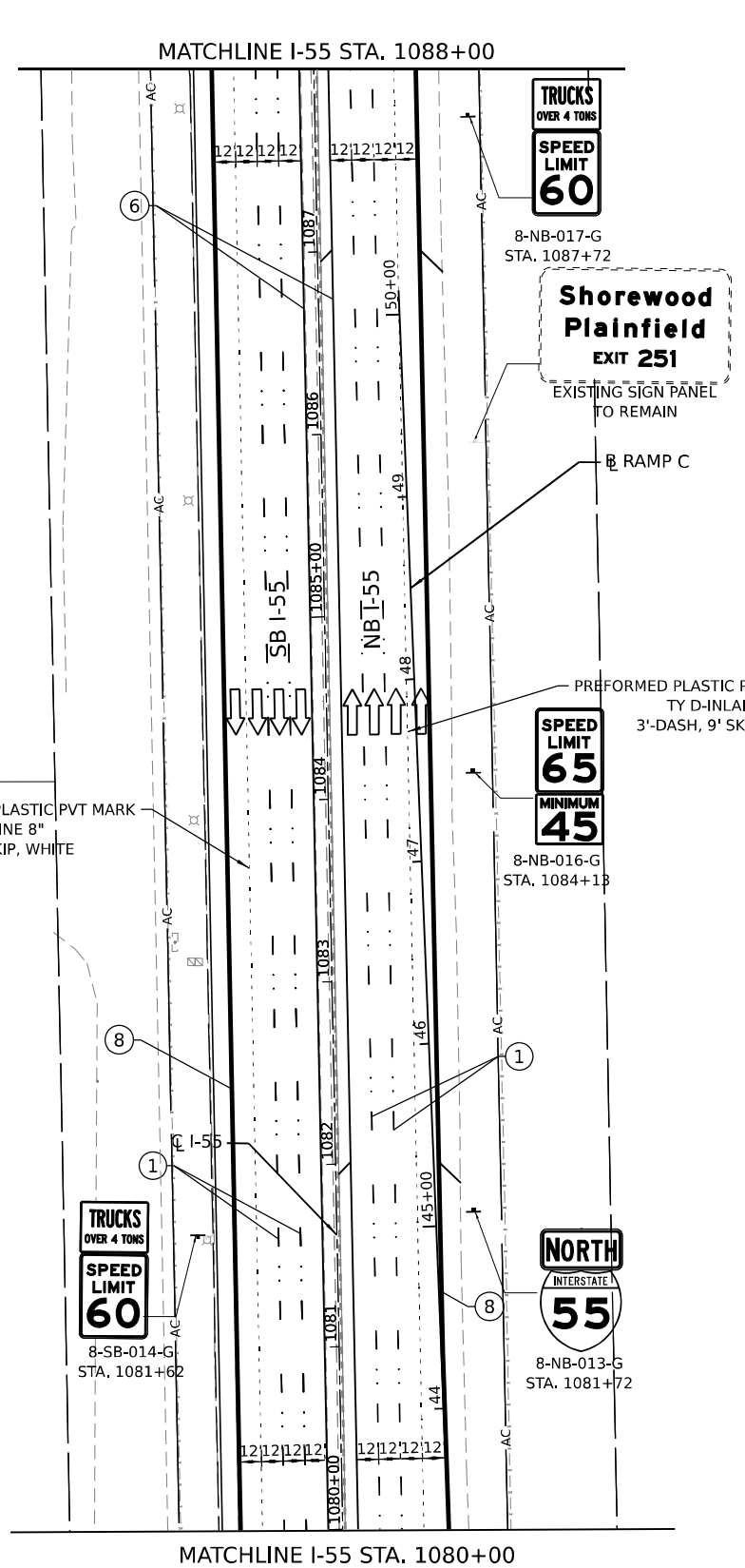
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

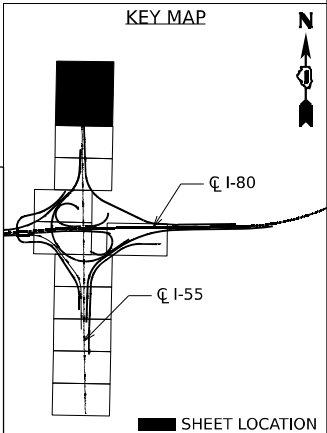
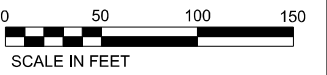
SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	242
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

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- LEGEND**
- ① PREFORMED PLASTIC PAVEMENT MARKING - TYPE D-INLAID-LINE 5" (10'-DASH, 30' SKIP, WHITE)
 - ② PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 6" (SOLID WHITE)
 - ③ PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 6" (SOLID YELLOW)
 - ④ PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 9" (CONTRAST, 10' LINE, 30' SKIP)
 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CHEVRONS @ 30' C-C)
 - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
 - ⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
 - ⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE CHEVRONS @ 30' C-C)
 - ⑪ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
 - ⑫ RAISED REFLECTIVE PAVEMENT MARKER
 - ⑬ SHOULDER RUMBLE STRIPS, 16 INCH



NOTE:
 1. UNLESS NOTED OTHERWISE, DIRECTIONAL TRAFFIC ARROWS ARE FOR ILLUSTRATIVE PURPOSES.



USER NAME = jstrouse	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1/100,000" = 1/16"	CHECKED -	REVISED -
PLOT DATE = 6/3/2024	DATE -	REVISED -

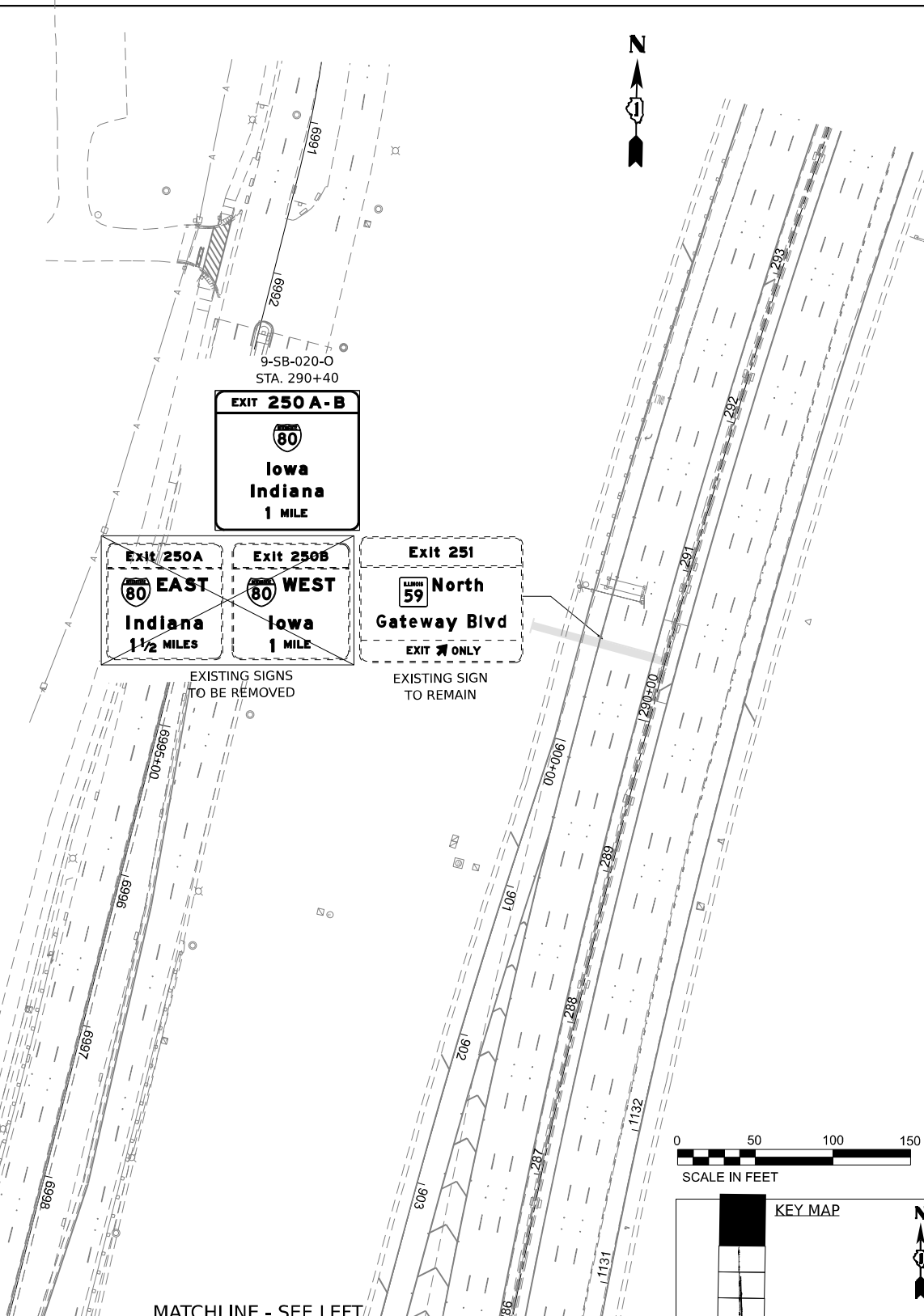
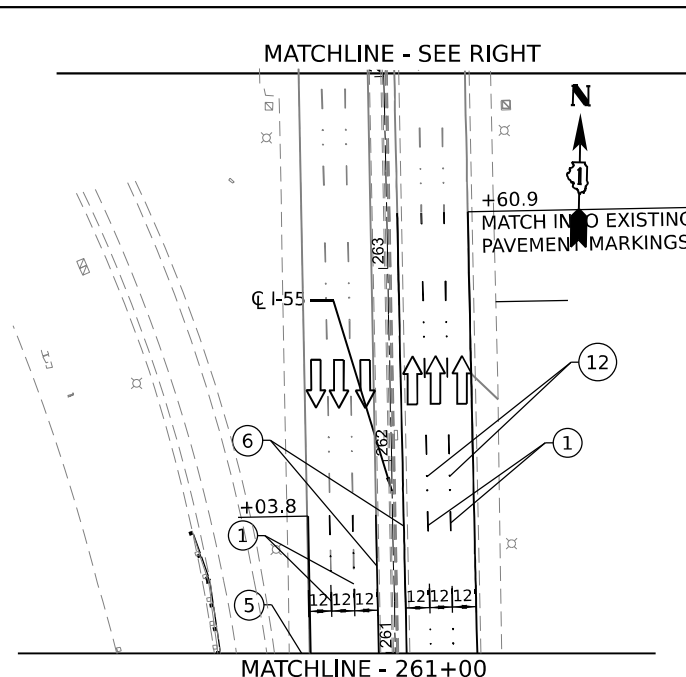
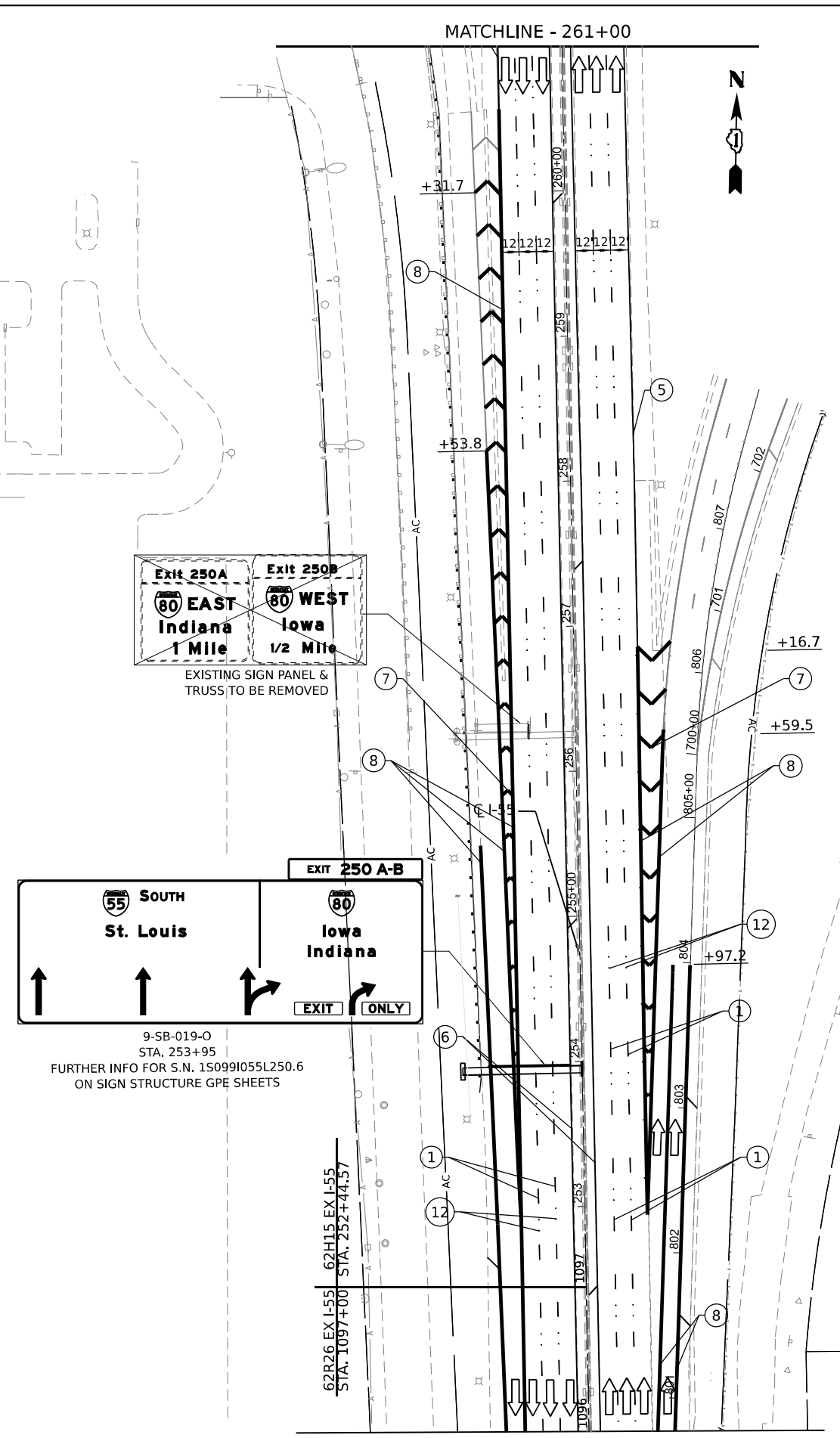
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING PLAN

SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

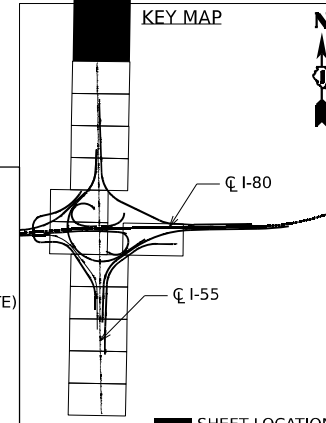
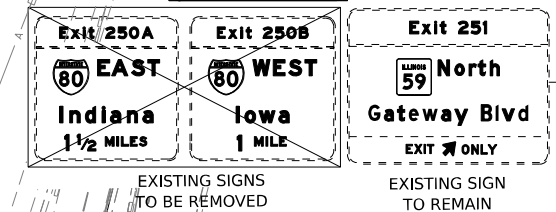
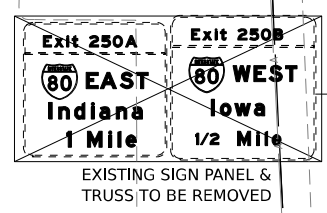
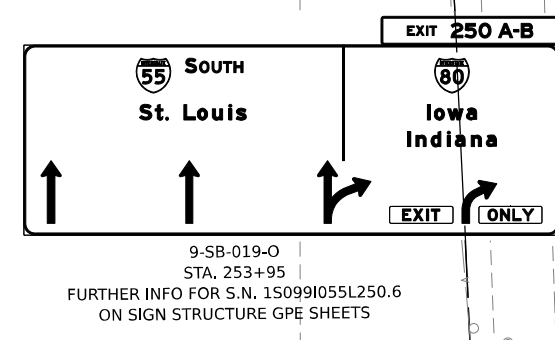
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	247
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

MODEL: Default
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 PROJECT: 2018-C40118002701-5hntec\CAD\INT-02_62R26\04-Sheet\08-Pavement Marking\05R26-shr-pmb-009.dgn



LEGEND

① PREFORMED PLASTIC PAVEMENT MARKING - TYPE D-INLAID-LINE 5" (10'-DASH, 30' SKIP, WHITE) GROOVING FOR RECESSED PAVEMENT MARKING 6"	⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
② PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 6" (SOLID WHITE) GROOVING FOR RECESSED PAVEMENT MARKING 7"	⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CHEVRONS @ 30' C-C)
③ PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 6" (SOLID YELLOW) GROOVING FOR RECESSED PAVEMENT MARKING 7"	⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
④ PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 9" (CONTRAST, 10' LINE, 30' SKIP) GROOVING FOR RECESSED PAVEMENT MARKING 10"	⑨ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)	⑩ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE CHEVRONS @ 30' C-C)
	⑪ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
	⑫ RAISED REFLECTIVE PAVEMENT MARKER
	⑬ SHOULDER RUMBLE STRIPS, 16 INCH



USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 100.000' / in.	DRAWN -	REVISOR -
PLOT DATE = 6/3/2024	CHECKED -	REVISOR -
	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN

SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	248
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL

1:100



Panel Style: guide_exp_overhead.ssi
 Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER	3-NB-001-O
WIDTH x HGHT.	17'-6" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_I100a	0	49.4	70.5	36	36

LETTER POSITIONS (X)														LENGTH	SERIES/SIZE	
E	X	I	T	2	5	1										E 2000
114	123.1	134.3	138.1	160.6	175.3	190.5										81.1 10,15
N	O	R	T	H												EM 2000
100.4	115.5	128.4	139.5	150.5												59.8 15,12
G	a	t	e	w	a	y	B	I	v	d						EM 2000
18.5	34.8	50.2	62.2	75.9	95.5	110.7	124.3	140.3	157.7	165.5	181.1					173.1 16,12
1	M	I	L	E												EM 2000
78.6	98.1	110.2	115	124												52.8 15,10

MODEL: D:\data\... FILE NAME: ...



USER NAME = njverheyen	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

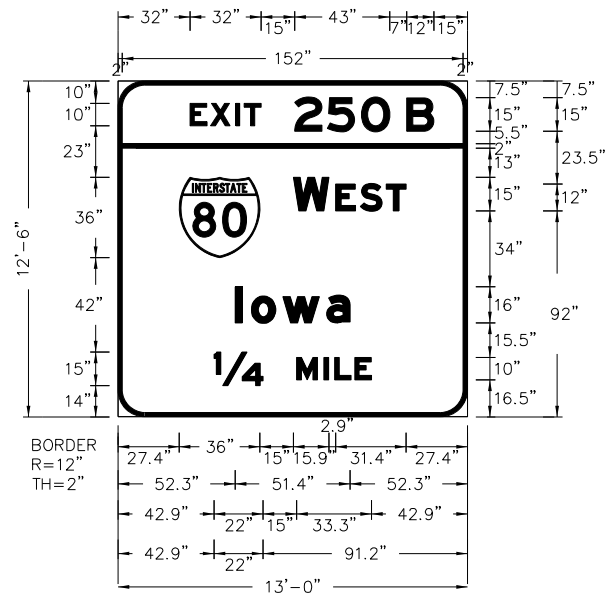
SIGNING DETAIL

SCALE: SHEET 4 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	252
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL

1:100



Panel Style: guide_exp_overhead.ssi
 Dimensions are in inches.tenths

Panel Style: guide_exp_overhead.ssi
 M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner

SIGN NUMBER	3-NB-002-O
WIDTH x HGHT.	13'-0" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	360	27.4	71	36	36

LETTER POSITIONS (X)

LENGTH SERIES/SIZE

Letter	X	Y	Length	Series/Size
E	32.2	10.0	108.9	E 2000
X	41.4	10.0	10.15	10,15
I	52.5	10.0	10.15	10,15
T	56.4	10.0	10.15	10,15
2	78.9	10.0	10.15	10,15
5	93.5	10.0	10.15	10,15
0	108.8	10.0	10.15	10,15
B	128.9	10.0	10.15	10,15
W	78.4	23.5	50.2	EM 2000
E	97.2	23.5	15.12	15,12
S	108.2	23.5	15.12	15,12
T	119.7	23.5	15.12	15,12
I	52.3	36.0	51.4	EM 2000
o	59.5	36.0	16.12	16,12
w	73.6	36.0	16.12	16,12
a	93.1	36.0	16.12	16,12
1/4	42.9	42.0	70.3	EM 2000
M	79.8	42.0	15.10	15,10
I	91.9	42.0	15.10	15,10
L	96.7	42.0	15.10	15,10
E	105.7	42.0	15.10	15,10

MODEL: D:\data\...
 FILE NAME: ...
 PROJECT: ...
 SHEET: ...



USER NAME = njverheyen	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 / 1in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

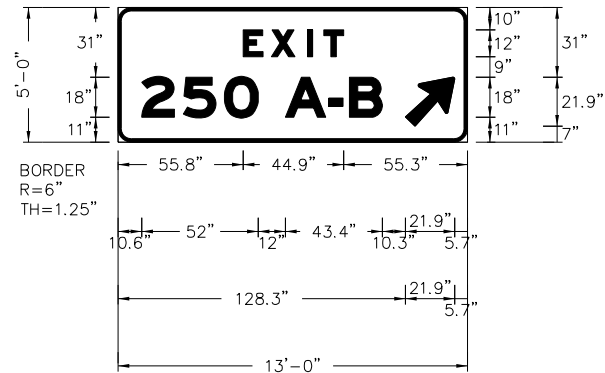
SIGNING DETAIL

SCALE: SHEET 5 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	253
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:100



Panel Style: guide_exp_boundary.ssi
 Dimensions are in inches.tenths

Panel Style: guide_exp_boundary.ssi
 M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner

SIGN NUMBER	7-SB-010-G
WIDTH x HGHT.	13'-0" x 5'-0"
BORDER WIDTH	1.5"
CORNER RADIUS	6"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
Gore	315	128.3	7.1	18.2	27.7

LETTER POSITIONS (X)

LETTER POSITIONS (X)														LENGTH	SERIES/SIZE	
E	X	I	T												EM 2000	
55.8	68.5	84.6	91.9												44.9	12
2	5	0	A	-	B											EM 2000
10.6	29.2	47.5	74.6	94.1	103.4										107.4	18

MODEL: D:\data\...
 FILE NAME: ...
 PROJECT: ...
 SHEET: ...



USER NAME = njverheyen	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

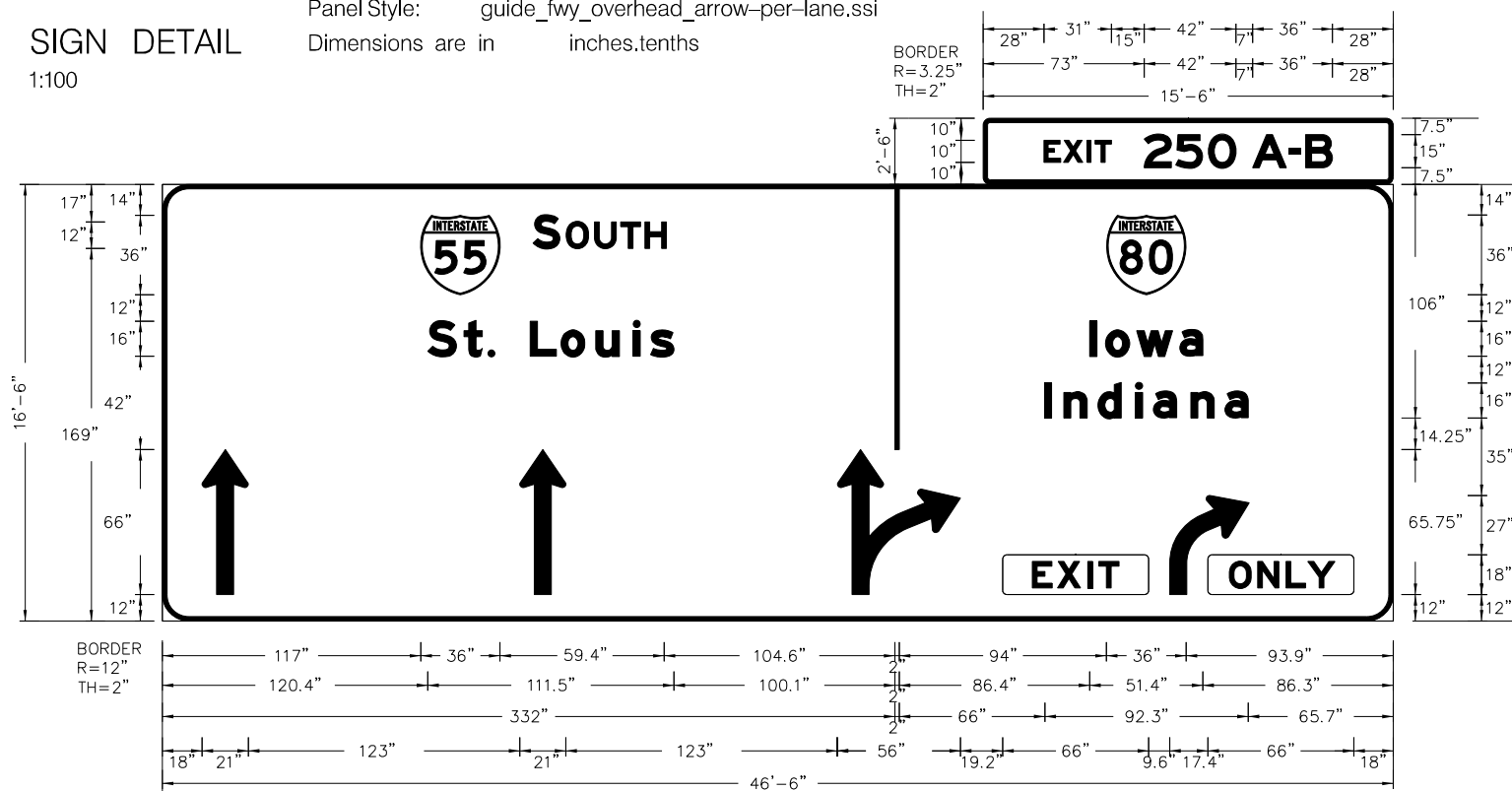
SIGNING DETAIL

SCALE: SHEET 8 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	256
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL
1:100

Panel Style: guide_fwy_overhead_arrow-per-lane.ssi
Dimensions are in inches, tenths



SIGN NUMBER	7-SB-012-O / 9-SB-019-O
WIDTH x HGHT.	46'-6" x 16'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	117	148	36	36
M1_1	0	428.1	148	36	36
AR_THRU	0	18	12	21	66
AR_THRU	0	162	12	21	66
AR_THRU_RIGHT	0	306	12	56	66
AR_RIGHT_ONLY	0	456.6	12	36.1	45

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

										LENGTH	SERIES/SIZE
E	X	I	T	2	5	0	A	-	B		E 2000
27.6	36.5	47.2	50.7	73.2	87.5	102.2	122.3	138.6	146.3	130.8	10,15
S	O	U	T	H							EM 2000
168.1	183.1	195.9	207.7	218.7						60.4	15,12
S	t	.	L	o	u	i	s				EM 2000
120.4	136.7	147.6	150.8	166.8	180.7	196.5	213.5	221.3		111.5	16,12
I	o	w	a								EM 2000
420.4	427.6	441.7	461.2							51.4	16,12
I	n	d	i	a	n	a					EM 2000
400	408.6	424.1	441.1	449.3	466.2	481.7				92.3	16,12
E	X	I	T								E 2000
394.7	405.8	419.6	424.6							39.2	12
O	N	L	Y								E 2000
483.6	496.4	509.3	519.3							47.9	12

MODEL: D:\data\... FILE NAME: ...



USER NAME = njverheyen	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

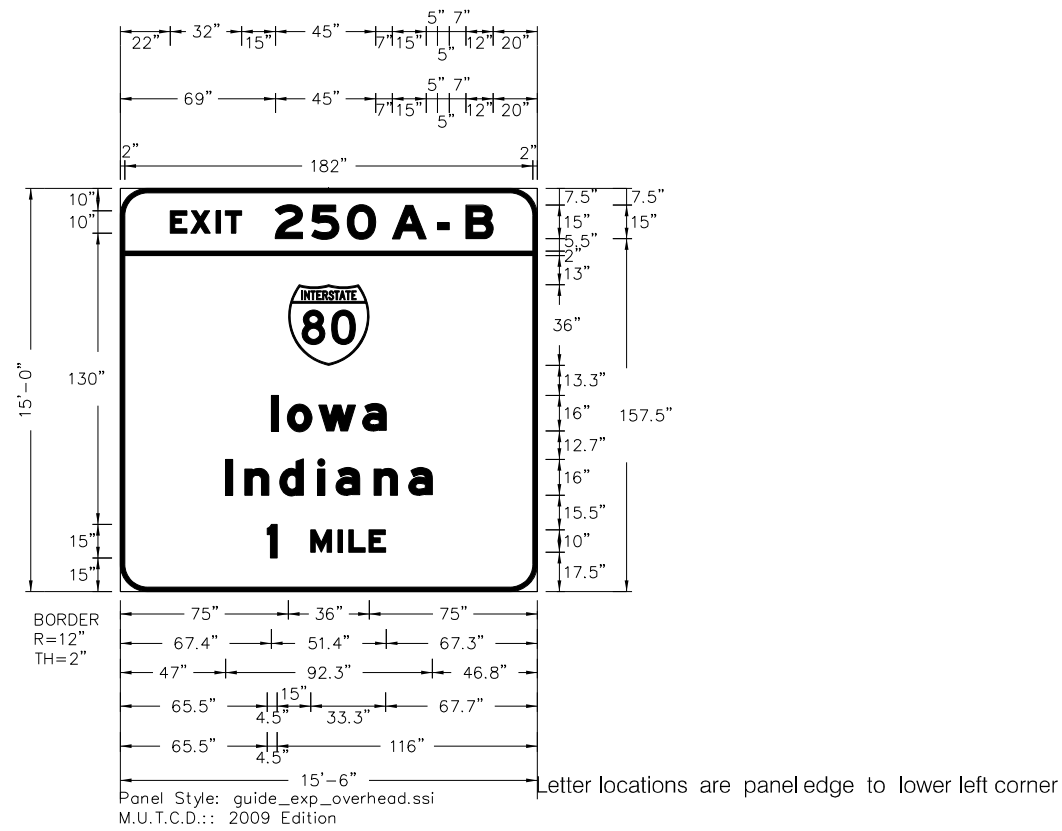
SIGNING DETAIL

SCALE: SHEET 9 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	257
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL

1:100



SIGN NUMBER	9-SB-020-0
WIDTH x HGHT.	15'-6" x 15'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	75	101	36	36

LETTER POSITIONS (X)

										LENGTH	SERIES/SIZE	
E	X	I	T	2	5	0	A	-	B			EM 2000
22.3	31.4	42.6	46.8	69.2	85.3	101.3	121.4	141.5	154.3		144.2	10,15
I	o	w	a									EM 2000
67.4	74.6	88.6	108.2								51.4	16/12
I	n	d	i	a	n	a						EM 2000
47	55.6	71.1	88.1	96.2	113.2	128.7					92.3	16/12
1	M	I	L	E								EM 2000
65.5	85	97.1	101.9	110.9							52.8	15,10

MODEL: D:\data\...
 FILE NAME: ...
 PROJECT: ...
 SHEET: ...



USER NAME = njverheyen	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

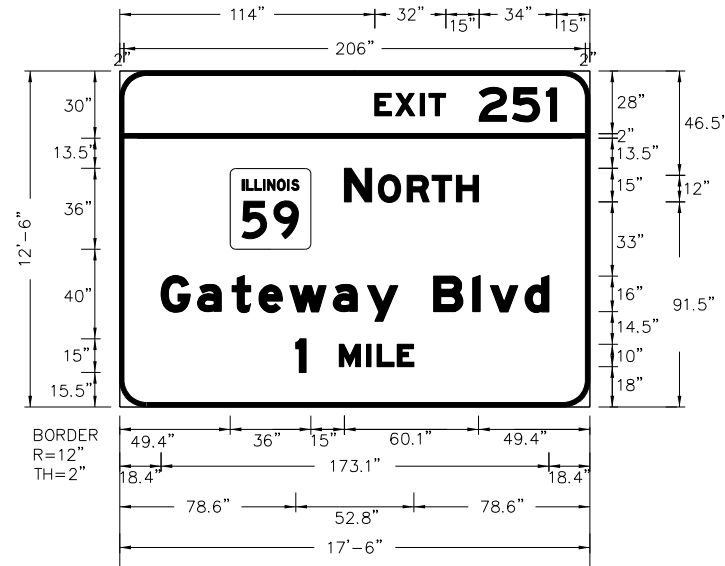
SIGNING DETAIL

SCALE: SHEET 10 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	258
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:100



Panel Style: guide_exp_overhead.ssi
 Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER	MOT-NB-001-G
WIDTH x HGHT.	17'-6" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_l100a	0	49.4	70.5	36	36

LETTER POSITIONS (X)

																LENGTH	SERIES/SIZE
E	X	I	T	2	5	1											E 2000
114	123.1	134.3	138.1	160.6	175.3	190.5											81.1 10,15
N	O	R	T	H													EM 2000
100.4	115.5	128.4	139.5	150.5													59.8 15,12
G	a	t	e	w	a	y	B	l	v	d							EM 2000
18.5	34.8	50.2	62.2	75.9	95.5	110.7	124.3	140.3	157.7	165.5	181.1						173.1 16/12
1	M	I	L	E													EM 2000
78.6	98.1	110.2	115	124													52.8 15,10

MODEL: D:\data\...
 FILE NAME: ...
 PROJECT: ...
 SHEET: ...



USER NAME = njverheyen	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

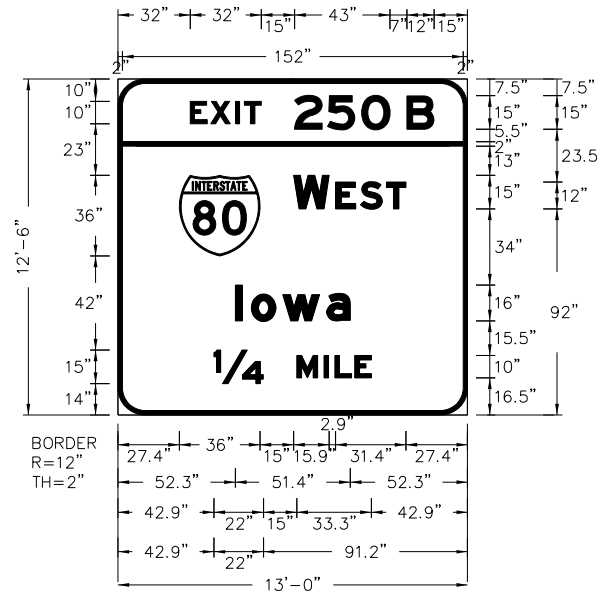
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAIL
 SCALE: SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	259
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:100



Panel Style: guide_exp_overhead.ssi
 Dimensions are in inches.tenths

Panel Style: guide_exp_overhead.ssi
 M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner

SIGN NUMBER	MOT-NB-002-G
WIDTH x HGHT.	13'-0" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	360	27.4	71	36	36

LETTER POSITIONS (X)

LENGTH SERIES/SIZE

Letter	X	Y	Length	Series/Size
E	32.2	108.9	108.9	E 2000
X	41.4	108.9	108.9	10,15
I	52.5	108.9	108.9	I 2000
T	56.4	108.9	108.9	10,15
2	78.9	108.9	108.9	2 2000
5	93.5	108.9	108.9	5 2000
0	108.8	108.9	108.9	0 2000
B	128.9	108.9	108.9	B 2000
W	78.4	50.2	50.2	EM 2000
E	97.2	50.2	50.2	15,12
S	108.2	50.2	50.2	S 2000
T	119.7	50.2	50.2	15,12
I	52.3	16.7	51.4	EM 2000
o	59.5	16.7	51.4	16,12
w	73.6	16.7	51.4	w 2000
a	93.1	16.7	51.4	16,12
1/4	42.9	15.0	70.3	EM 2000
M	79.8	15.0	70.3	15,10
I	91.9	15.0	70.3	I 2000
L	96.7	15.0	70.3	15,10
E	105.7	15.0	70.3	E 2000

MODEL: D:\data\...
 FILE NAME: ...
 PROJECT: ...
 SHEET: ...



USER NAME	= njverheyen
PLOT SCALE	= 100,0000 / in.
PLOT DATE	= 6/3/2024

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

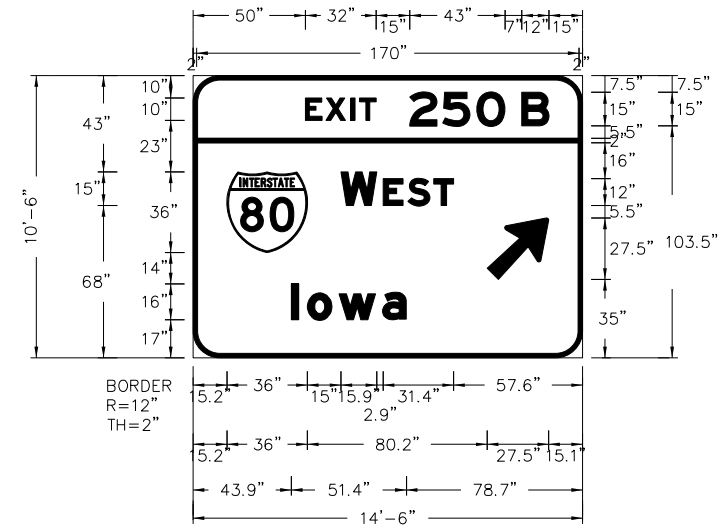
SIGNING DETAIL

SCALE: SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	260
CONTRACT NO. 62R26			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:100



BORDER
R=12"
TH=2"

Panel Style: guide_exp_overhead.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: guide_exp_overhead.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

SIGN NUMBER	MOT-SB-003-G
WIDTH x HGHT.	14'-6" x 10'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	360	15.2	47	36	36
AR_Type A	315	131.4	35	22.2	34.9

LETTER POSITIONS (X)

LENGTH SERIES/SIZE

Letter	X	Y	Length	Series/Size
E	50.2	108.9	108.9	E 2000
X	59.4	108.9	108.9	10,15
I	70.5	108.9	108.9	EM 2000
T	74.3	108.9	108.9	15,12
2	96.8	108.9	108.9	EM 2000
5	111.5	108.9	108.9	16/12
0	126.8	108.9	108.9	
B	146.9	108.9	108.9	
W	66.2	50.2	50.2	EM 2000
E	85	50.2	50.2	15,12
S	96	50.2	50.2	EM 2000
T	107.5	50.2	50.2	16/12
I	43.9	51.4	51.4	EM 2000
o	51.1	51.4	51.4	16/12
w	65.2	51.4	51.4	
a	84.7	51.4	51.4	

MODEL: D:\data\...
 FILE NAME: ...
 PROJECT: ...
 DATE: 6/3/2024



USER NAME = njverheyen	DESIGNED -	REVISED -
PLOT SCALE = 100.0000 / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

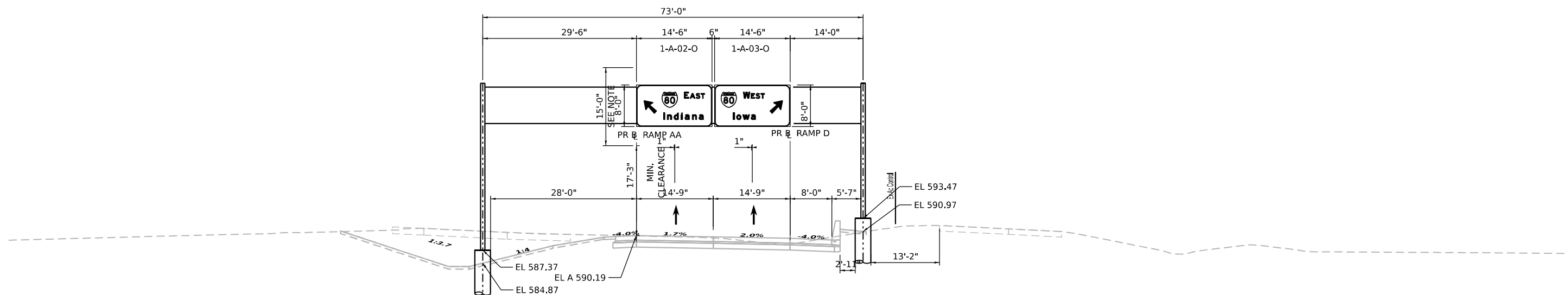
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING DETAIL

SCALE: SHEET 13 OF 13 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	261
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

Model: D:\default\...
 File Name: ...
 Plot Date: 6/3/2024



NOTE: THEORETICAL MINIMUM DESIGN HEIGHT

**PROPOSED OVERHEAD SIGN SUPPORT
RAMP D STA. 8+50
(LOOKING WEST)**



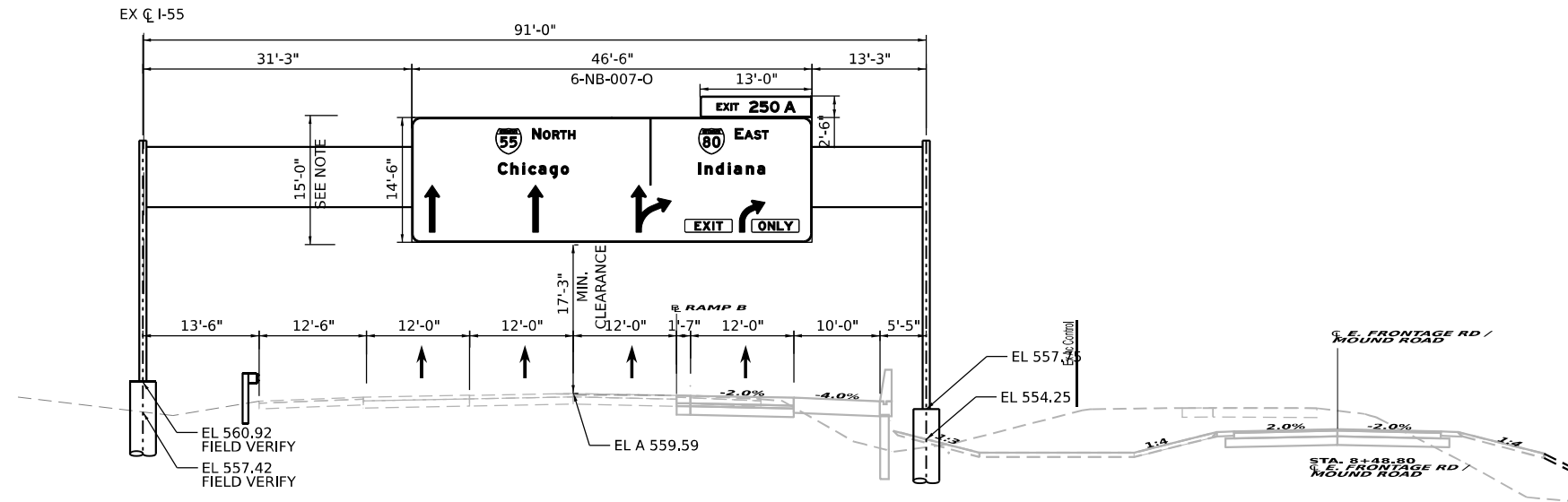
USER NAME = mjverheyen	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/3/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGN STRUCTURES
SIGN PLACEMENT DETAILS**

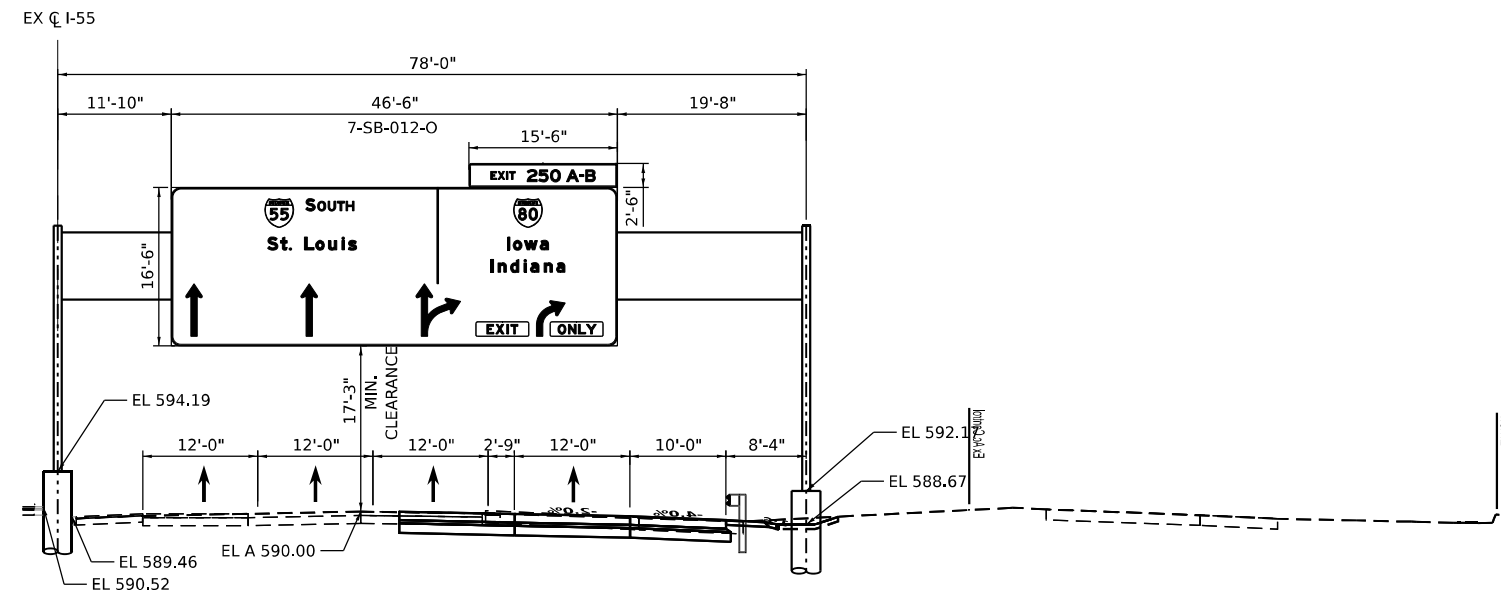
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	262
			CONTRACT NO. 62R26	
		ILLINOIS	FED. AID PROJECT	



NOTE: THEORETICAL MINIMUM DESIGN HEIGHT

**PROPOSED OVERHEAD SIGN SUPPORT
NB I-55 STA. 1030+00
(LOOKING NORTH)**



**PROPOSED OVERHEAD SIGN SUPPORT
SB I-55 STA. 1074+85
(LOOKING SOUTH)**

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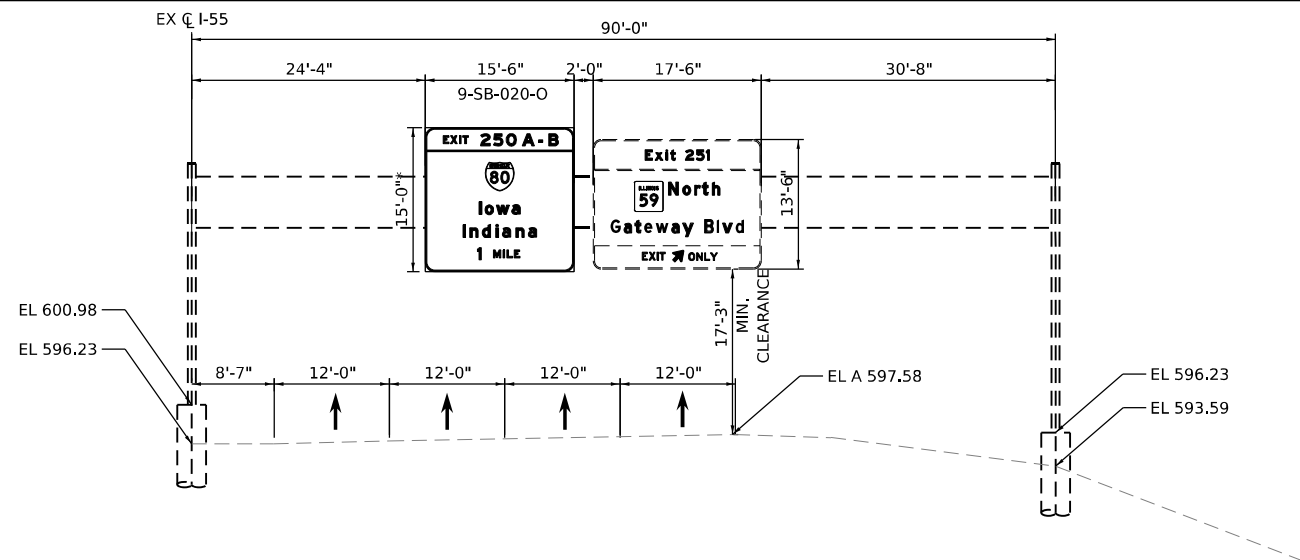
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

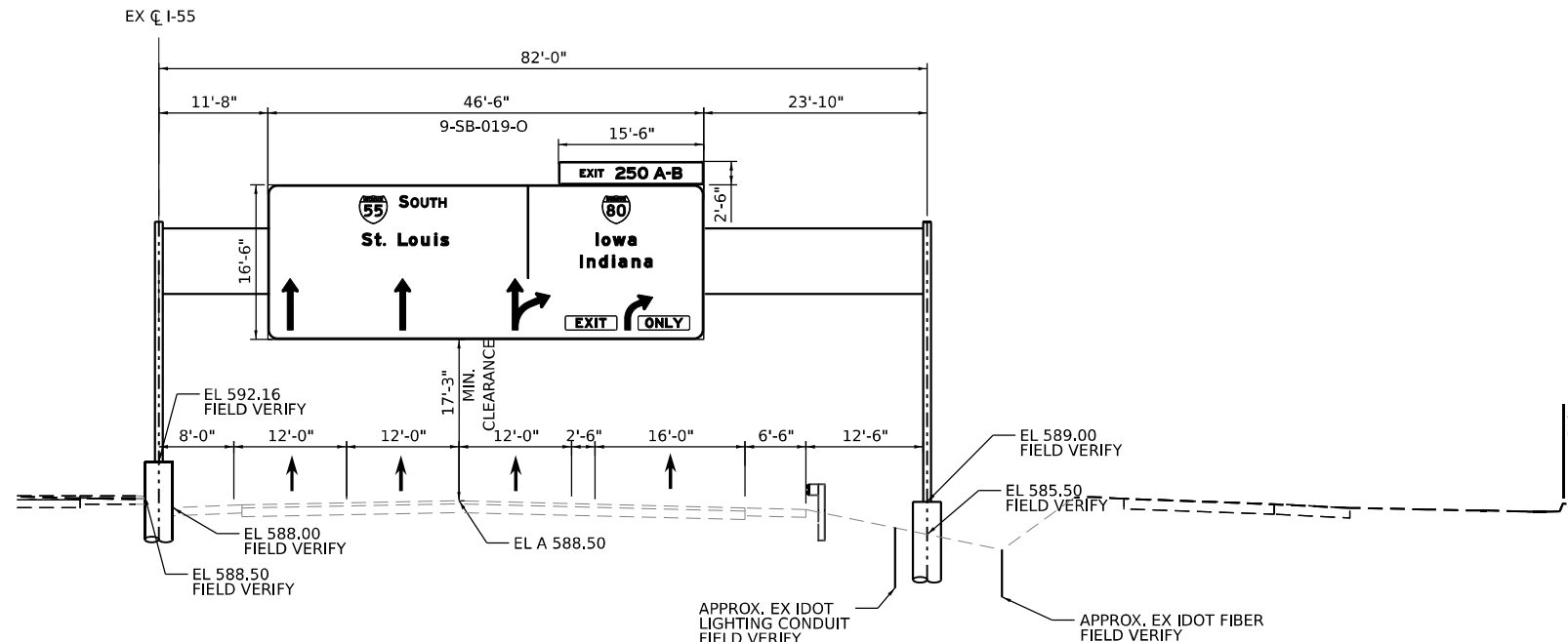
**SIGN STRUCTURES
SIGN PLACEMENT DETAILS**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	264
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		



**PROPOSED OVERHEAD SIGN SUPPORT
SB I-55 EXISTING 62H15 STA. 290 + 40
(LOOKING SOUTH)**



**PROPOSED OVERHEAD SIGN SUPPORT
SB I-55 62H15 STA. 253 + 95
(LOOKING SOUTH)**

Model: D:\full\...
 File Name: ...
 Plot Date: 6/3/2024



USER NAME = mjverheyen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/3/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGN STRUCTURES
SIGN PLACEMENT DETAILS**

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	265
			CONTRACT NO. 62R26	
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

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

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.

DESIGN STRESSES:
Field Units
f_c = 3,500 p.s.i.
f_y = 60,000 p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. 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 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer. The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

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: Shall conform to ASTM F1554 Gr. 105.

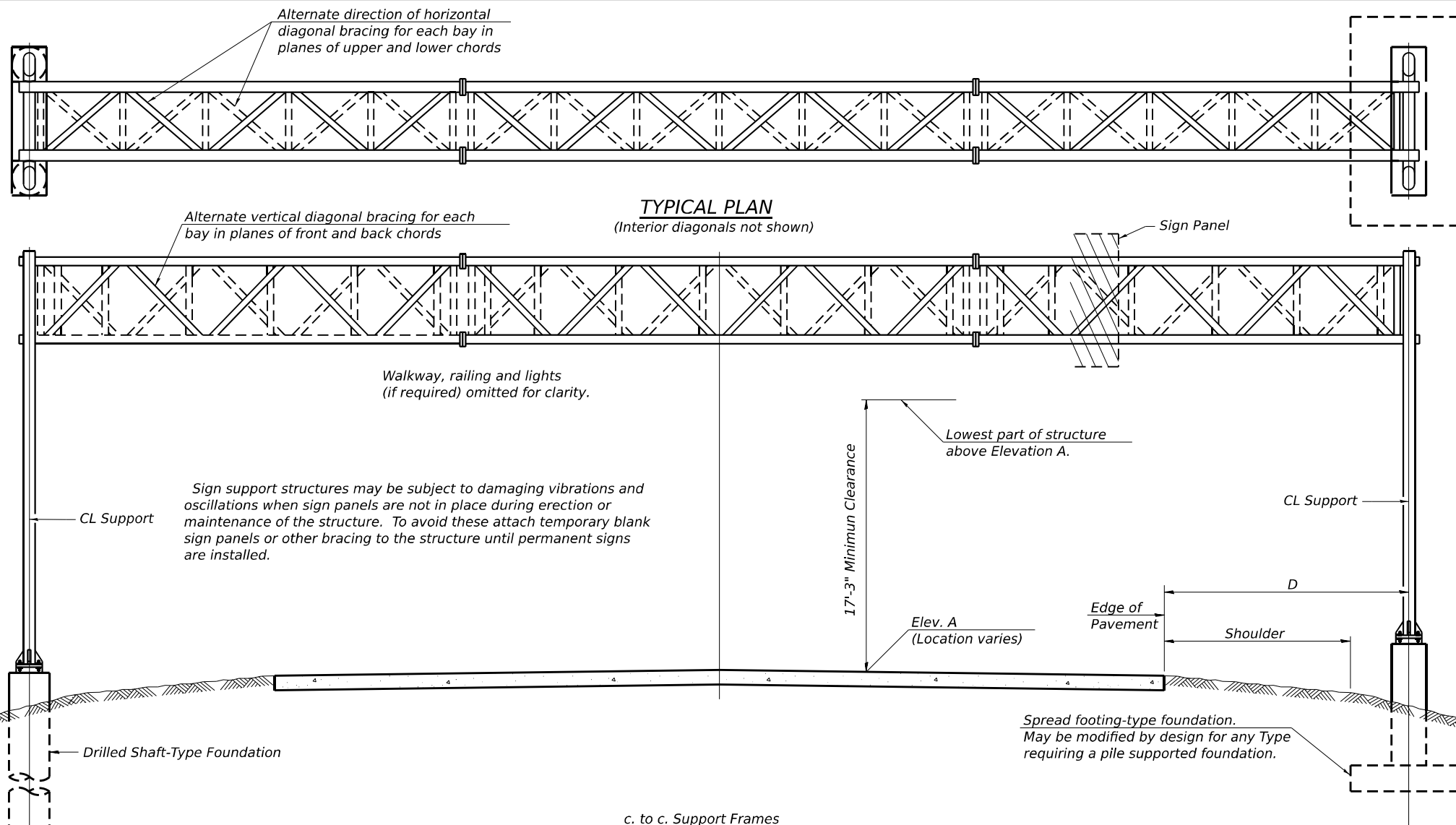
CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Concrete Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE SPAN TYPE III-A	Foot	399
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	133.8
DRILLED SHAFT IN ROCK	Cu. Yds.	10.2
REMOVE OVERHEAD SIGN SPAN	Each	3
REMOVE OVERHEAD CANTILEVER SIGN	Each	1
REMOVAL OF CONCRETE FOUNDATIONS	Each	7



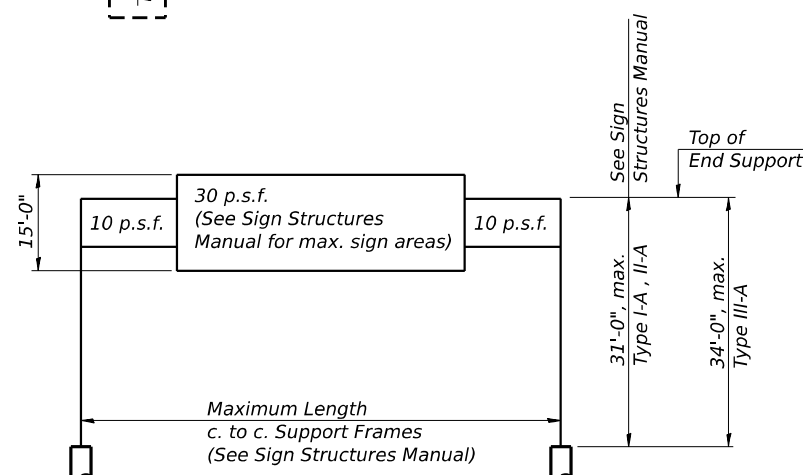
TYPICAL ELEVATION
(Looking at Face of Signs)**

Elev. A = Elevation at point of minimum clearance to sign, walkway support or truss.

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
1S099I055R249.0	1017+00	III-A	75'-0"	576.06	15'-5"	14'-6"	707 sqft
1S099I055R249.3	1030+00	III-A	91'-0"	559.59	15'-5"	14'-6"	707 sqft
1S099I055L250.1	1074+85	III-A	78'-0"	590.00	18'-4"	16'-6"	806 sqft
1S099I055L250.6	253+95	III-A	82'-0"	588.50	19'-0"	16'-6"	806 sqft
1S099I055R249.9	8+50	III-A	73'-0"	590.19	13'-7"	8'-0"	232 sqft

**Looking upstation for structures with signs both sides.

* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.

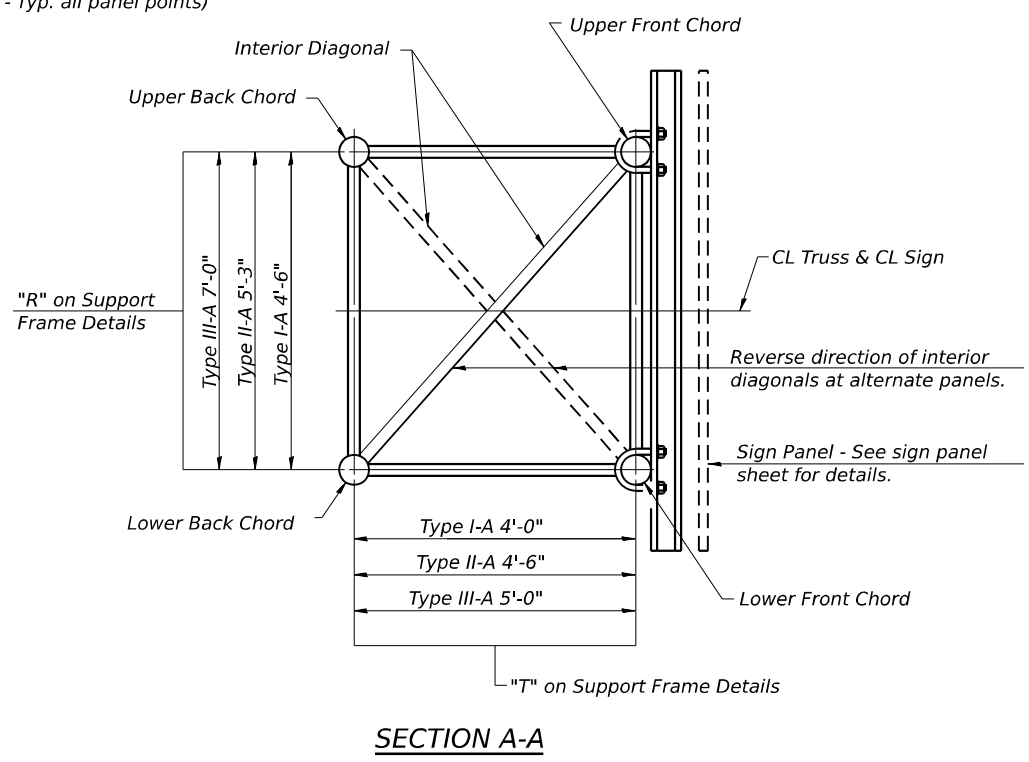
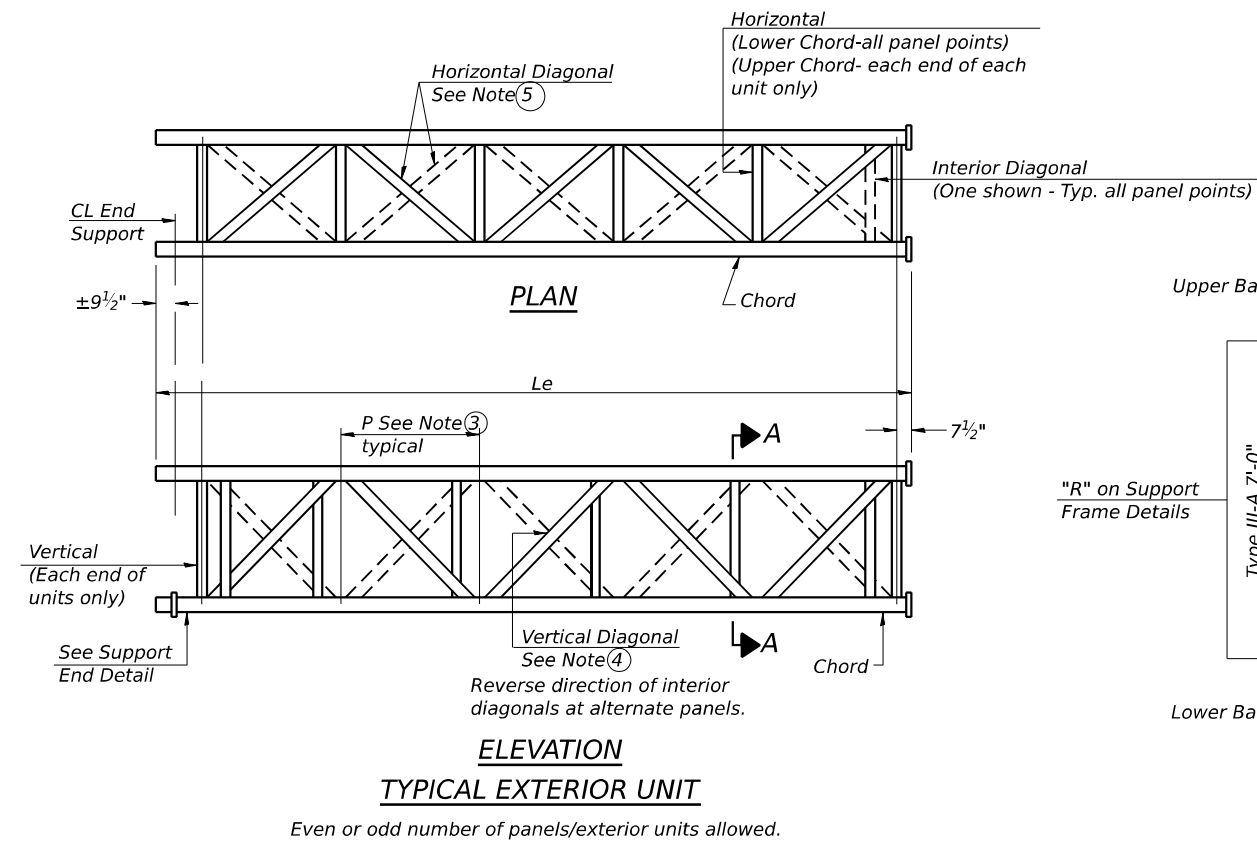
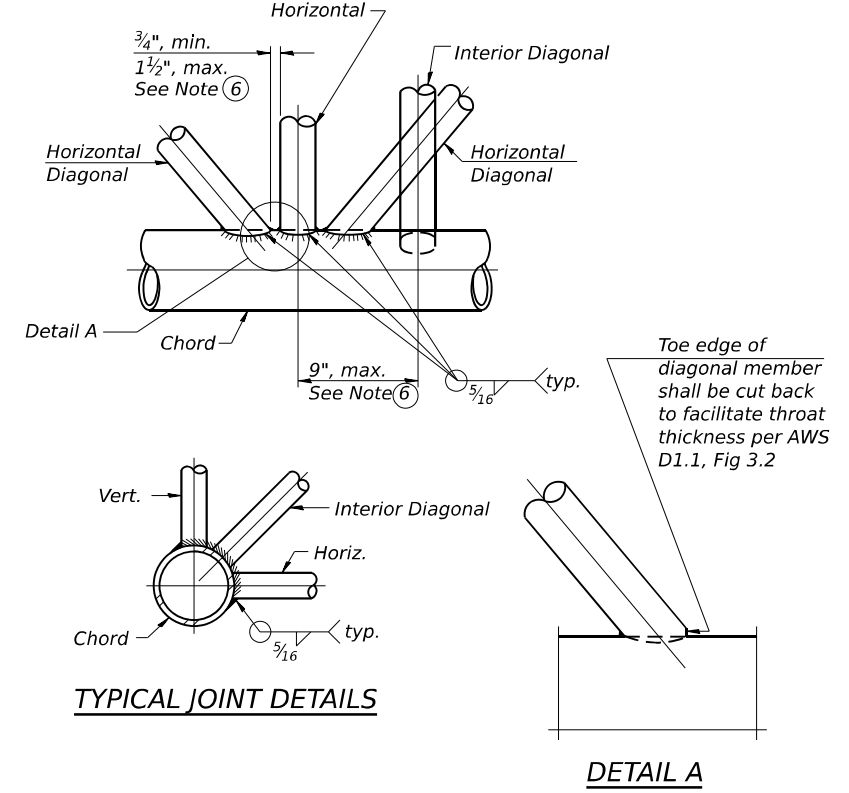
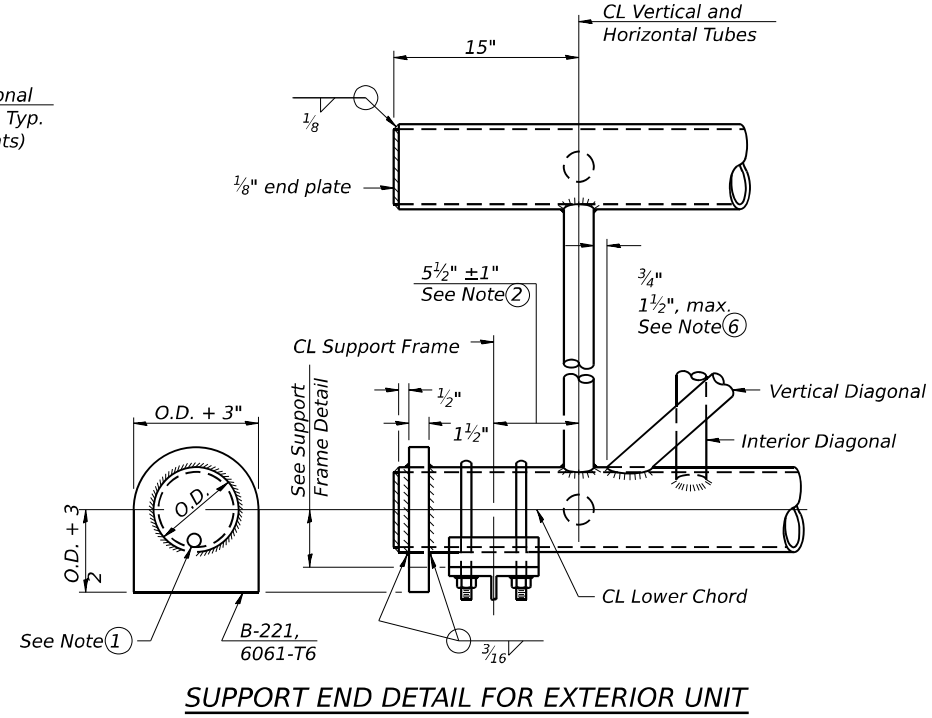
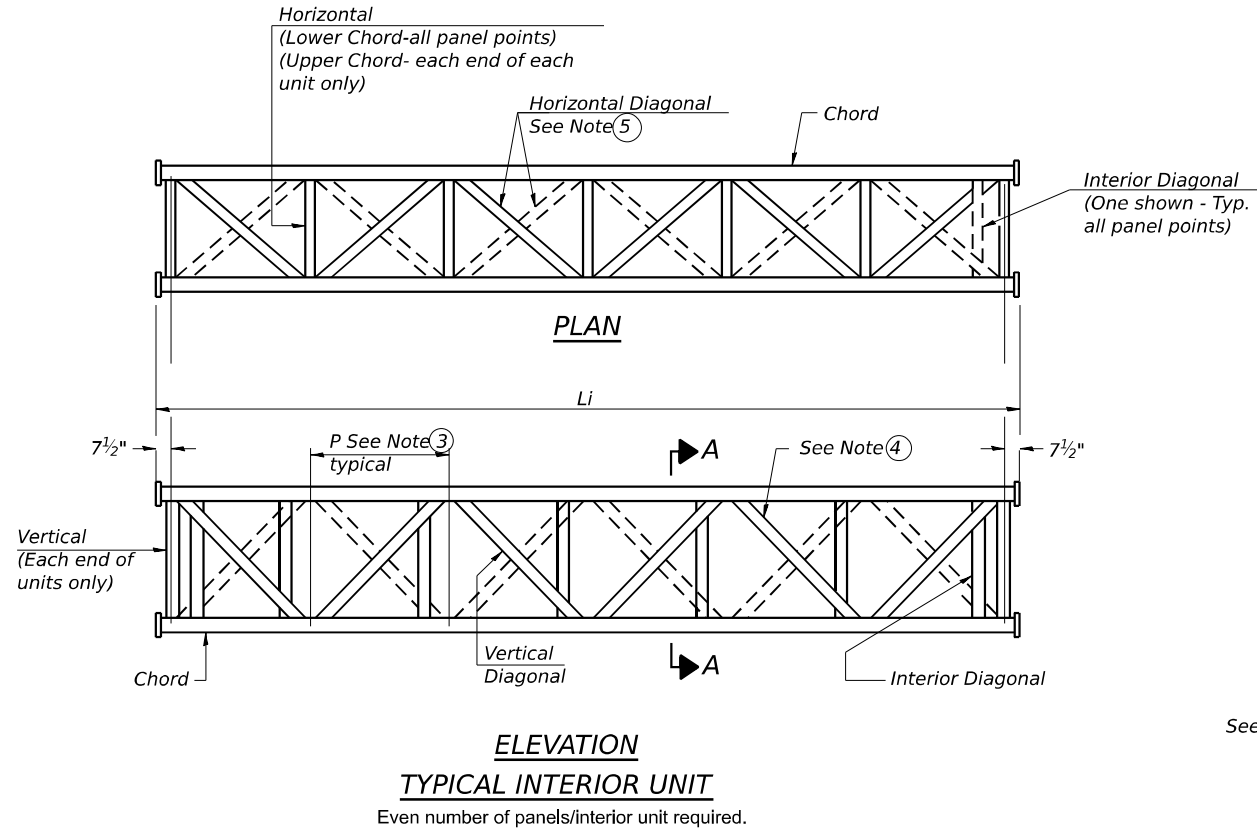


DESIGN WIND LOADING DIAGRAM

Parameters shown are basis for I.D.O.T. Standards and Sign Manual Tables. Installations not within dimensional limits shown require special analysis for all components.

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- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. $\frac{1}{2}$ " \varnothing drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② $5\frac{1}{2}$ " end dimension may vary by ± 1 " to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- ④ Vertical Diagonals in front and back face shall alternate.
- ⑤ Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- ⑥ All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a $\frac{3}{4}$ " minimum to $1\frac{1}{2}$ " maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

OS-A-2

5-15-2023



USER NAME = eoskoul	DESIGNED - SD	REVISED -
PLOT SCALE = 32.0000_1/in.	CHECKED - DTS	REVISED -
PLOT DATE = 03/18/2022	DRAWN - SD	REVISED -
	CHECKED - DTS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS
DETAILS FOR TRUSS TYPES I-A, II-A AND III-A**

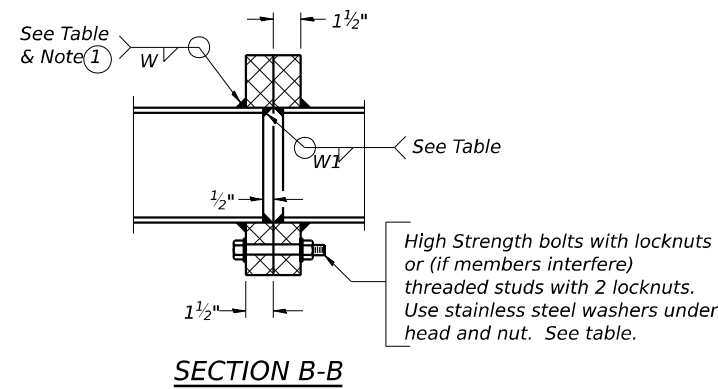
SHEET 2 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	267
CONTRACT NO. 62R26				

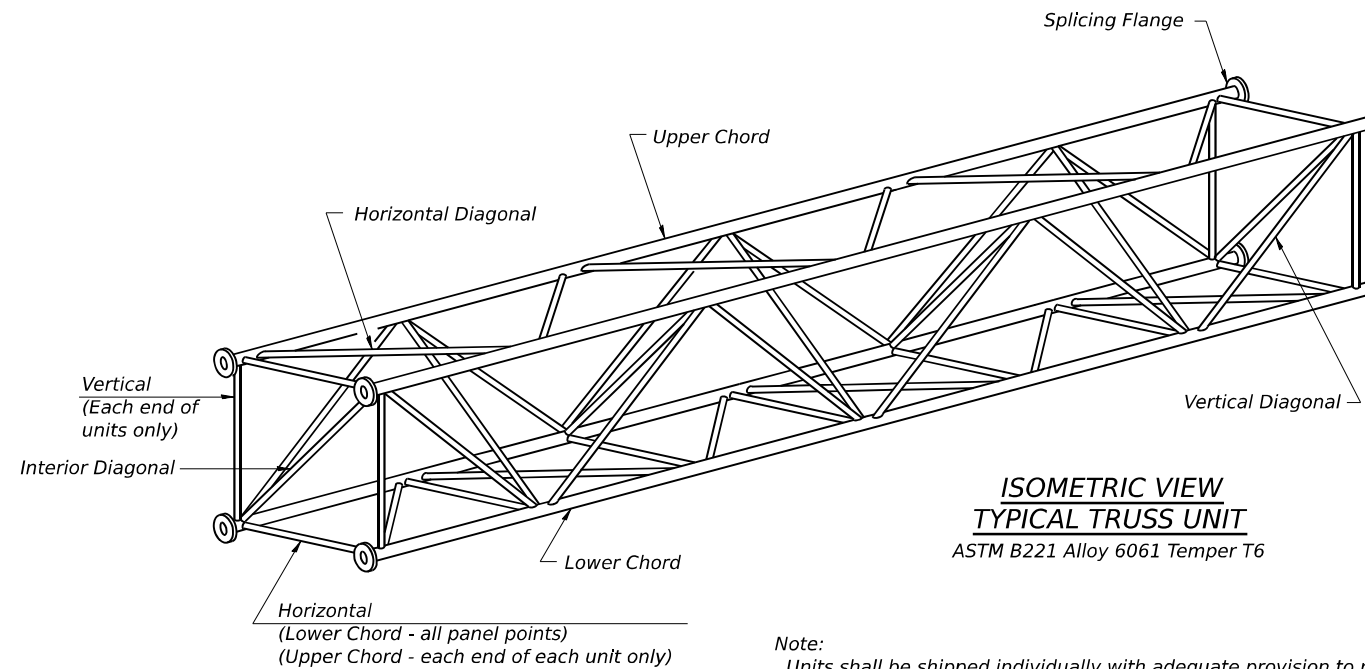
ILLINOIS FED. AID PROJECT

TRUSS UNIT TABLE

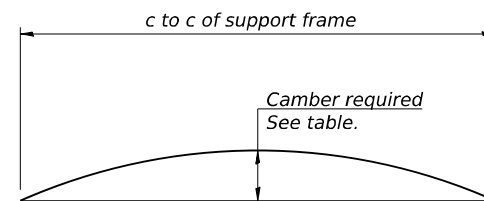
Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals; Horizontal, Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange					
			No. Panels per Unit	Unit Lgth. (Le)	Panel Lgth. (P)	No. Req'd.	No. Panels per Unit	Unit Lgth. (Li)	Panel Lgth. (P)	O.D.	Wall	O.D.	Wall		Bolts		Weld Sizes		A	B
															No./Splice	Dia.	W	WI		
1S0991055R249.0	1017+00	III-A	7	38'-4"	5'-2 1/2"	0	-	-	-	8 1/2"	1/2"	3 1/2"	5/16"	7/8"	8	1 1/4"	9/16"	7/16"	13"	16 1/2"
1S0991055R249.3	1030+00	III-A	5	29'-3 1/4"	5'-5 3/4"	1	6	34'-1 1/2"	5'-5 3/4"	7"	5/16"	3 1/4"	5/16"	1 7/8"	6	1"	7/16"	5/16"	11 1/2"	15"
1S0991055L250.1	1074+85	III-A	7	39'-9 1/2"	5'-5"	0	-	-	-	7"	5/16"	3 1/4"	5/16"	1 3/8"	6	1"	7/16"	5/16"	11 1/2"	15"
1S0991055L250.6	253+95	III-A	5	26'-5 1/2"	4'-11"	1	6	30'-9"	4'-11"	7"	5/16"	3 1/4"	5/16"	1"	6	1"	7/16"	5/16"	11 1/2"	15"
1S0991055R249.9	8+50	III-A	7	37'-3 3/4"	5'-0 3/4"	0	-	-	-	7"	5/16"	3 1/4"	5/16"	7/8"	6	1"	7/16"	5/16"	11 1/2"	15"



① Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.

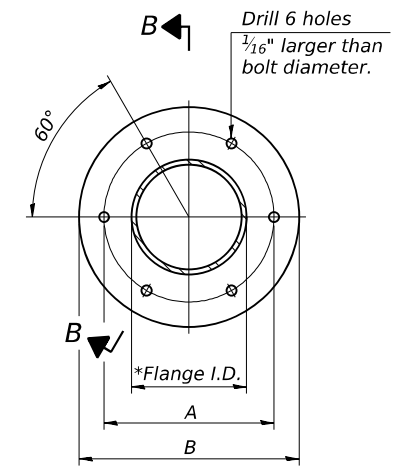
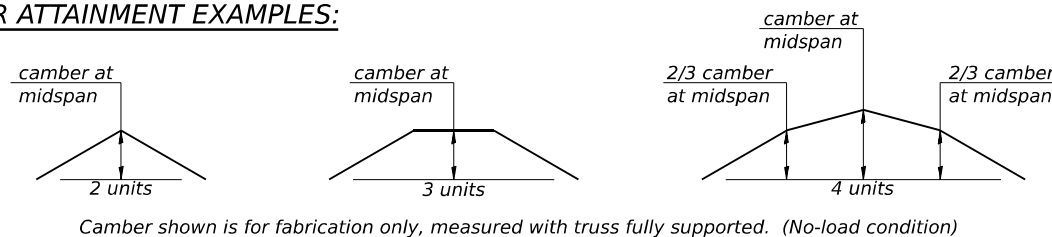


Note:
Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The Contractor is responsible for maintaining the configuration and protection of the units.

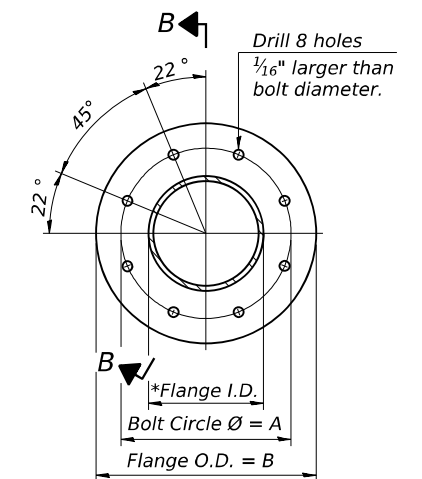


CAMBER DIAGRAM
Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

CAMBER ATTAINMENT EXAMPLES:



TRUSS TYPES I-A, II-A, & III-A



TRUSS TYPES II-A & III-A
SPlicing FLANGES

ASTM B221, Alloy 6061-T6
or ASTM B209, Alloy 6061-T651
*To fit O.D. of Chord with maximum gap of 1/16".

OS4-A-2

5-15-2023



USER NAME = eoskoul	DESIGNED - SD	REVISED -
PLOT SCALE = 32.0000 * 1/in.	CHECKED - DTS	REVISED -
PLOT DATE = 03/18/2022	DRAWN - SD	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

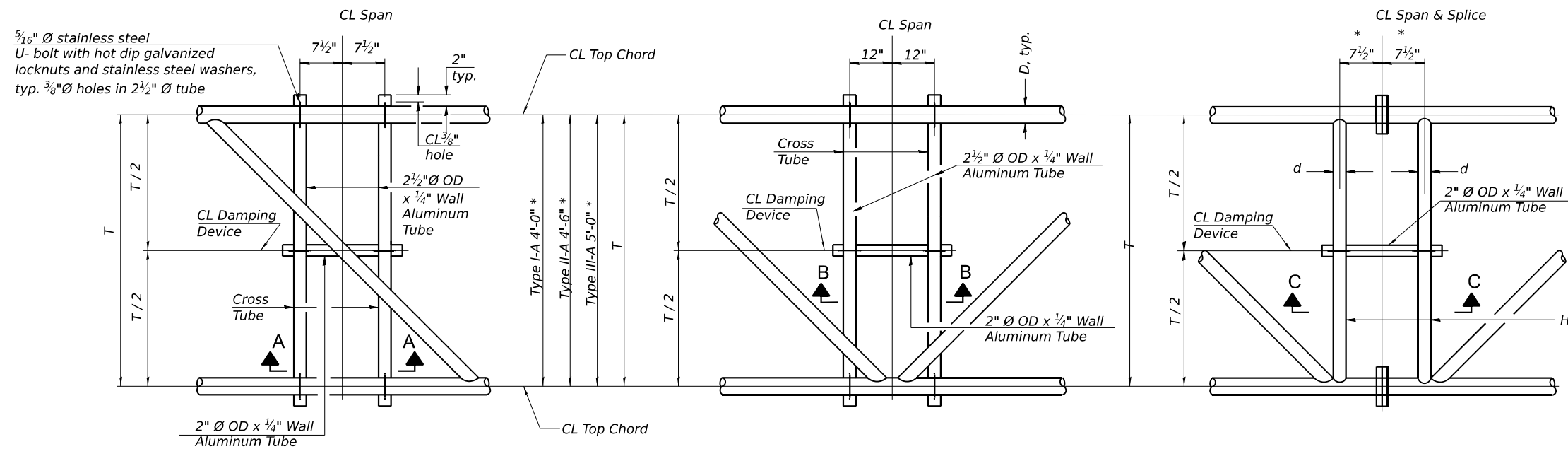
OVERHEAD SIGN STRUCTURES – ALUMINUM TRUSS DETAILS
FOR TRUSS TYPES I-A, II-A AND III-A

SHEET 3 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	268
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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 OS-A-D
 5-15-2023
 6/4/2024 11:42:10 AM



PLAN DETAIL "A"
CL Span between Panel Points

PLAN DETAIL "B"
CL Span at Panel Point

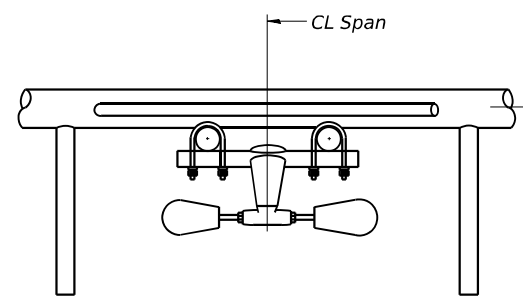
PLAN DETAIL "C"
CL Span at CL Chord Splice

* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.

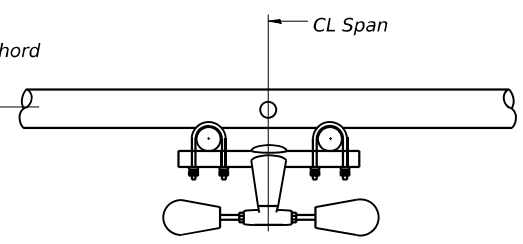
NOTES

Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...

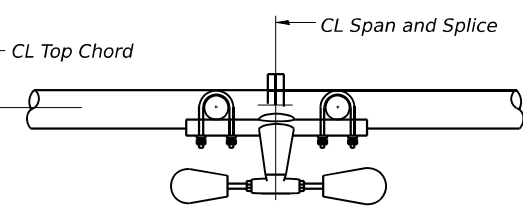
Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



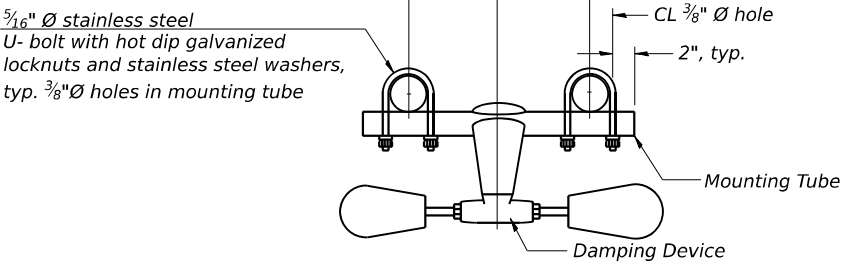
SECTION A-A



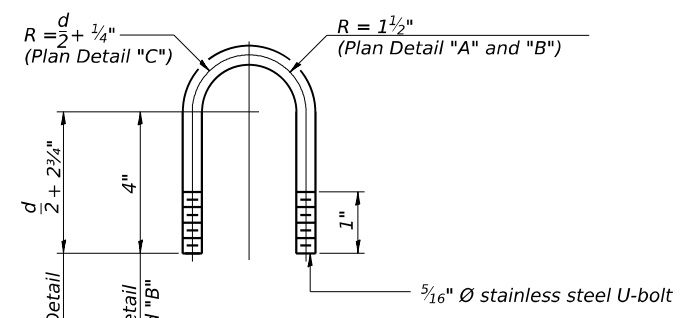
SECTION B-B



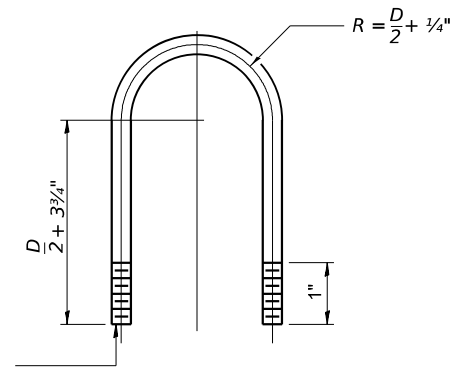
SECTION C-C



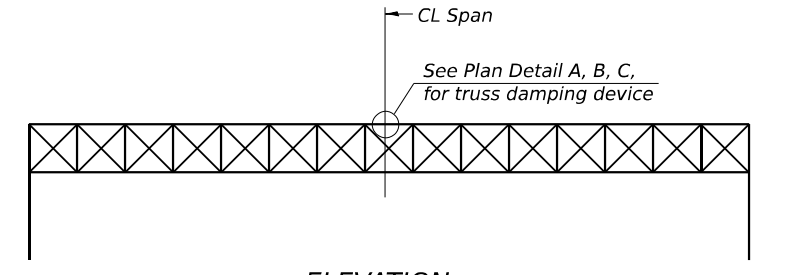
TRUSS DAMPING DEVICE CONNECTION DETAIL
(Typical)



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
(Typical)



TOP CHORD TO CROSS TUBE U-BOLT DETAIL
(Typical - Detail "A" and "B")



ELEVATION
Aluminum Overhead Sign Truss

OS-A-D

5-15-2023



USER NAME = eoskqu	DESIGNED - SD	REVISED -
PLOT SCALE = 32.0000' / 1 in.	CHECKED - DTS	REVISED -
PLOT DATE = 03/18/2022	DRAWN - SD	REVISED -
	CHECKED - DTS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

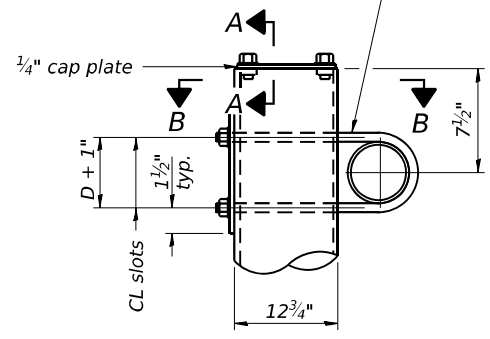
**OVERHEAD SIGN STRUCTURE
DAMPING DEVICE**

SHEET 4 OF 16 SHEETS

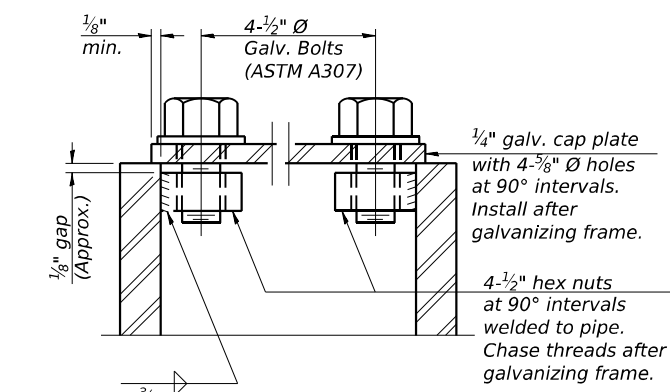
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	269
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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3/4" Ø stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
1 3/16" x 2" slots on CL 12" Ø pipe.
(4 slots required per pipe)

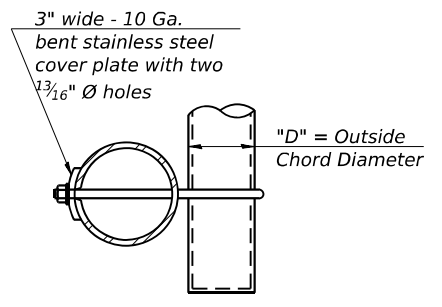


DETAIL A

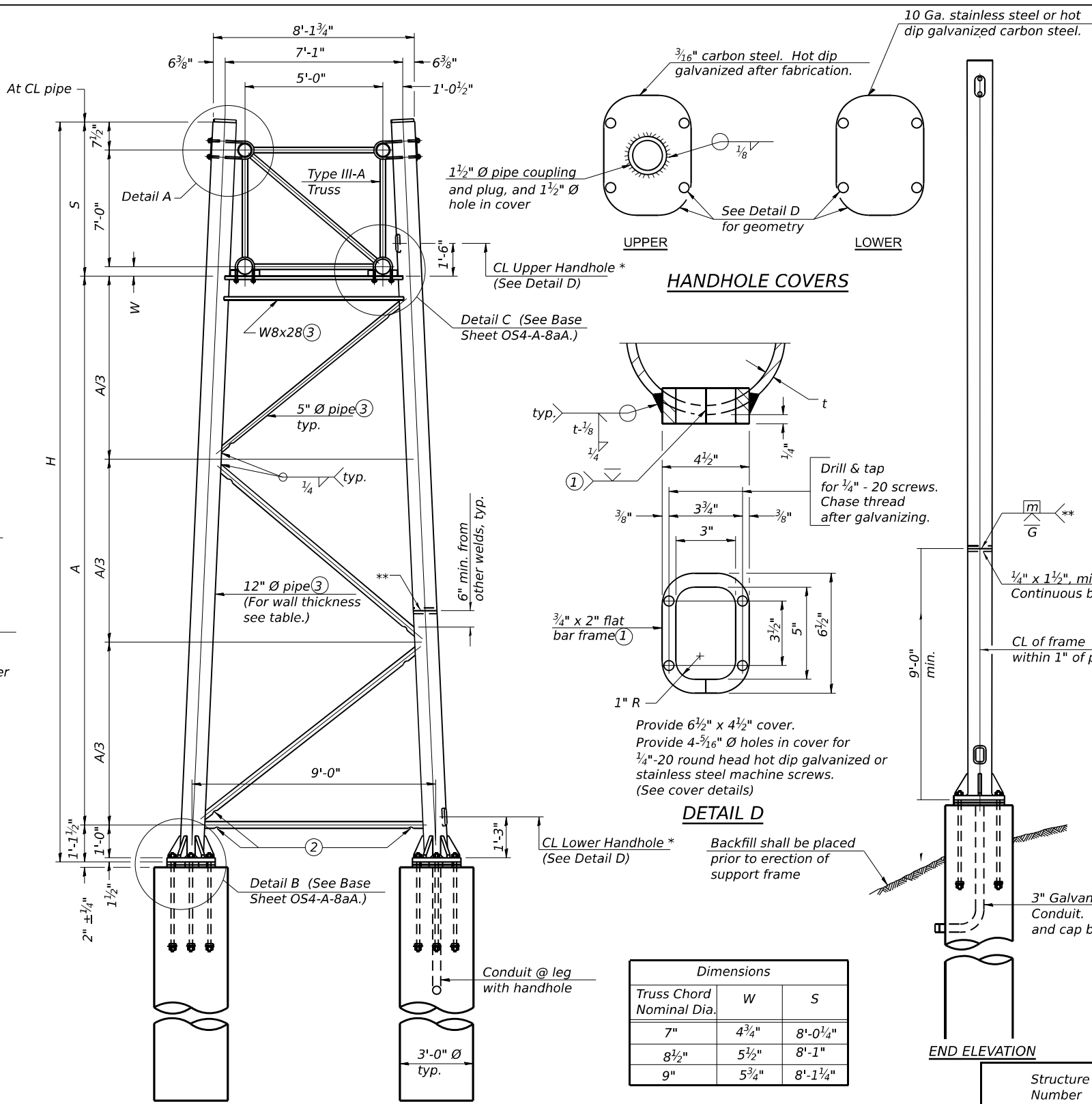


SECTION A-A

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



SECTION B-B



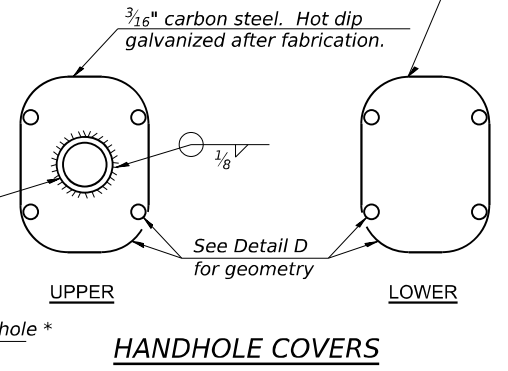
SIDE ELEVATION

Dimensions		
Truss Chord Nominal Dia.	W	S
7"	4 3/4"	8'-0 1/4"
8 1/2"	5 1/2"	8'-1"
9"	5 3/4"	8'-1 1/4"

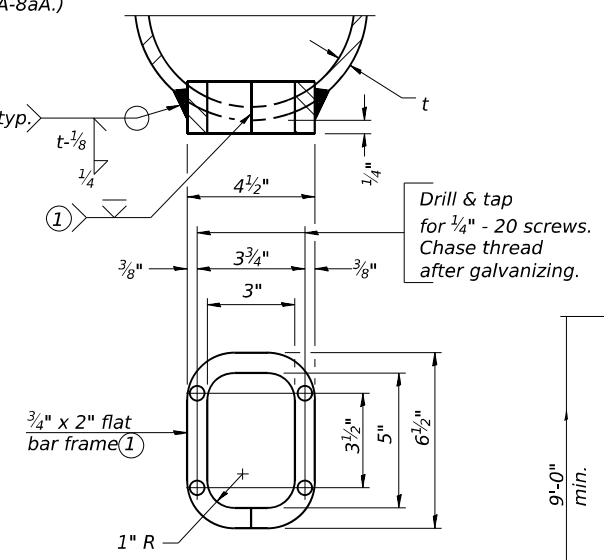
TRUSS SUPPORT DETAILS

(12" Ø Pipe-Type III-A Truss)

** One butt welded joint is allowed only on one post per support frame. If used, weld procedure must be pre-approved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

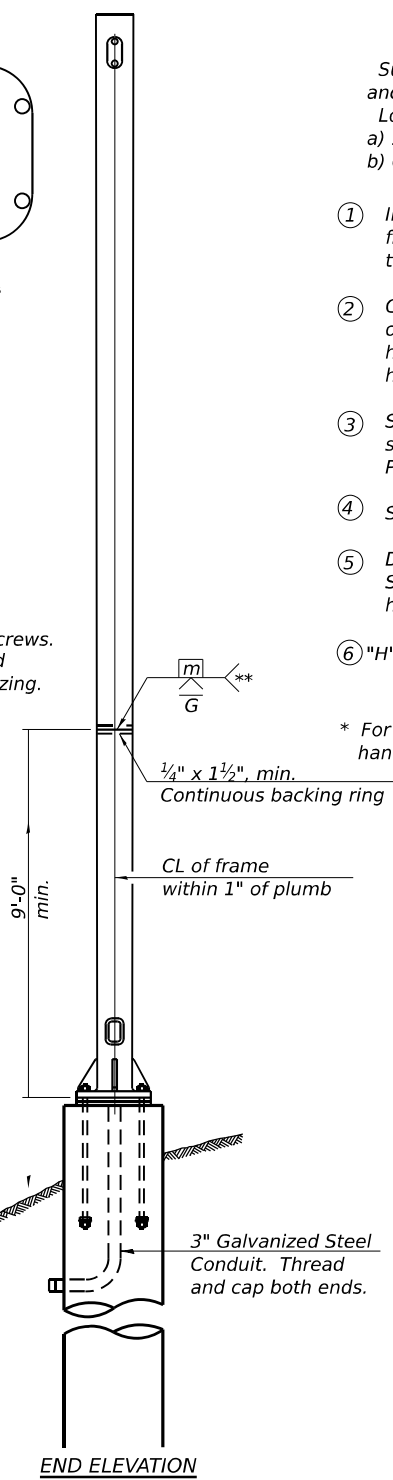


HANDHOLE COVERS



DETAIL D

10 Ga. stainless steel or hot dip galvanized carbon steel.



END ELEVATION

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.
Load combinations checked include deadload plus:
a) 100% wind normal to sign, 20% parallel to sign
b) 60% wind normal to sign, 30% parallel to sign

- ① In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 µin or less.
- ② Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- ③ Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- ④ See General Notes for fasteners.
- ⑤ Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- ⑥ "H" based on 15'-0" or actual sign height, whichever is greater.

* For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.

NOTE:

For Foundation Details see Base Sheet OS4-F4

OS4-A-8a

5-15-2023

Stantec

USER NAME = eoskqu
PLOT SCALE = 32.0000' / 1 in.
PLOT DATE = 03/18/2022

DESIGNED - SD	REVISD -
CHECKED - DTS	REVISD -
DRAWN - SD	REVISD -
CHECKED - DTS	REVISD -

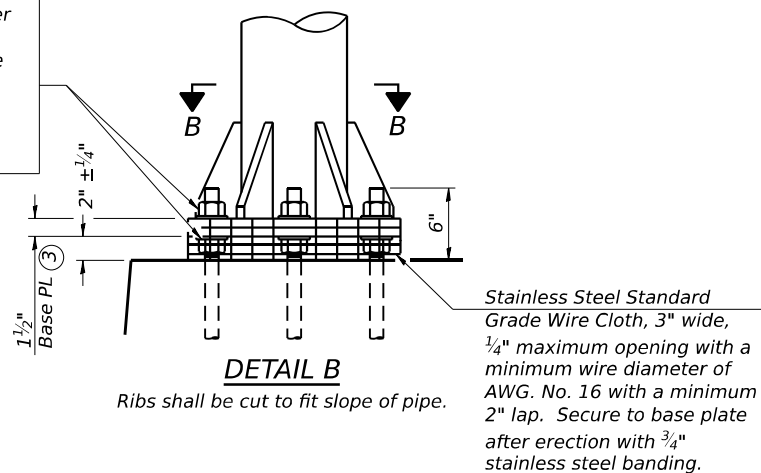
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES - SUPPORT FRAME
FOR TYPE III-A ALUMINUM TRUSS**

SHEET 5 OF 16 SHEETS

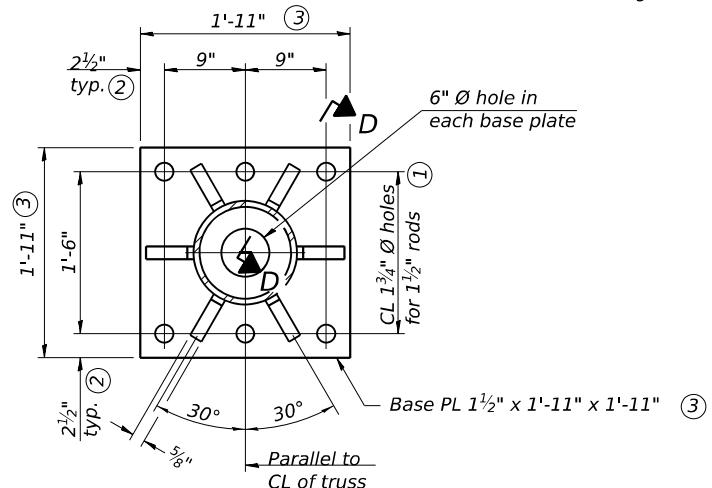
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	270
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.

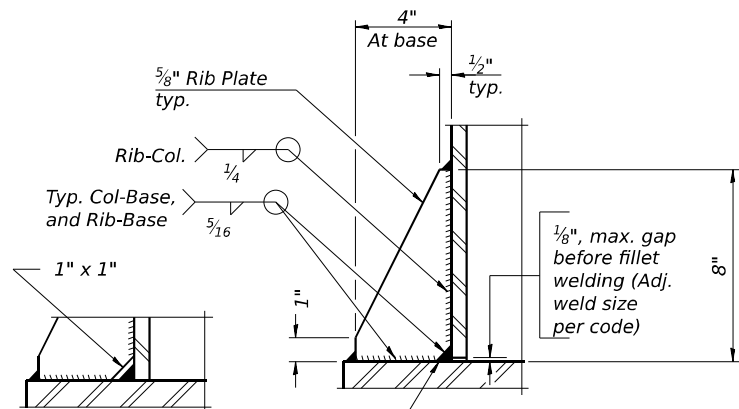


DETAIL B
Ribs shall be cut to fit slope of pipe.

Stainless Steel Standard Grade Wire Cloth, 3" wide, 1/4" maximum opening with a minimum wire diameter of AWG. No. 16 with a minimum 2" lap. Secure to base plate after erection with 3/4" stainless steel banding.



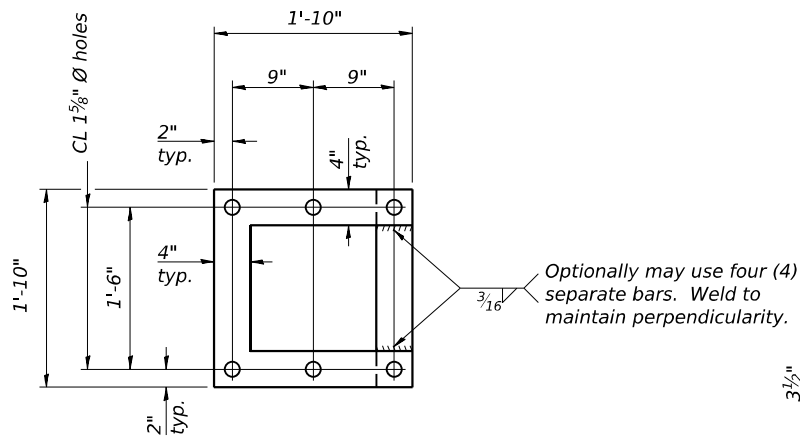
SECTION B-B



SECTION D-D

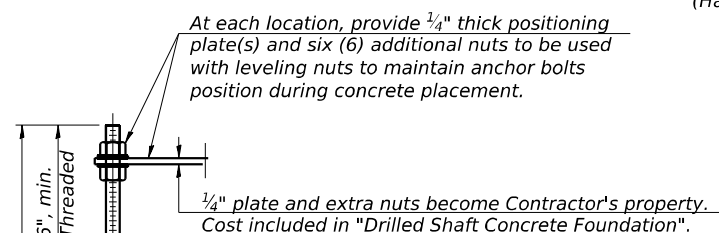
** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.

No snip req'd. at rib inside corner if placed before col. to base plate welding.**



POSITIONING PLATE(S)

Optionally may use four (4) separate bars. Weld to maintain perpendicularity.



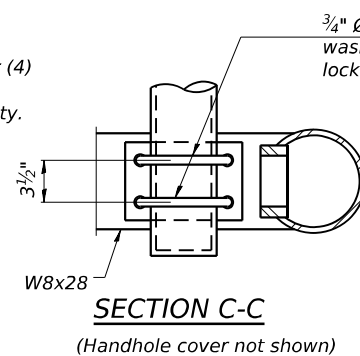
ANCHOR ROD DETAIL

Anchor rods shall conform to ASTM F1554 Grade 105 Galvanize upper 12" minimum per AASHTO M232. No welding shall be permitted on rods.

**TYPE III-A TRUSS
12" Ø PIPE SUPPORT FRAME DETAILS**

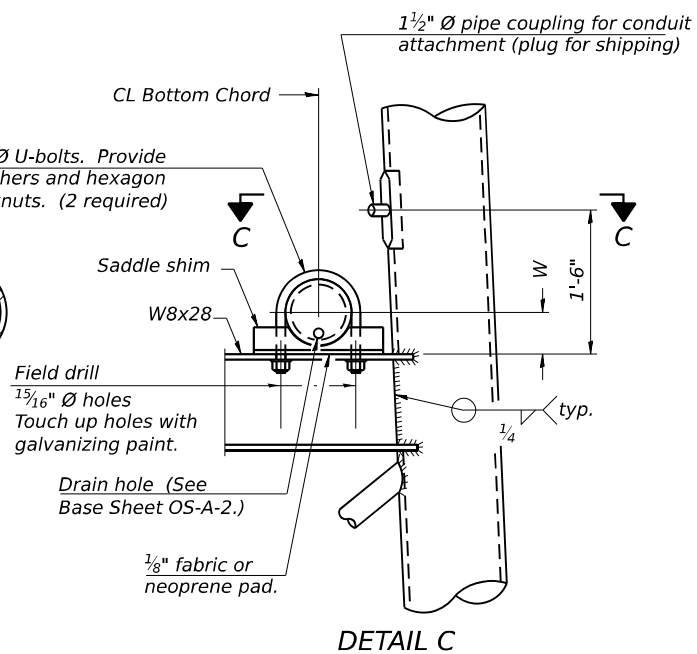
Notes:
For Type III-A Truss spans greater than 150 ft. and up to 160 ft.:

- ① 1 3/4" Ø rod, 2" Ø holes
- ② 2 3/4" edge distance
- ③ Base PL 1 5/8" x 1'-11 1/2" x 1'-11 1/2"

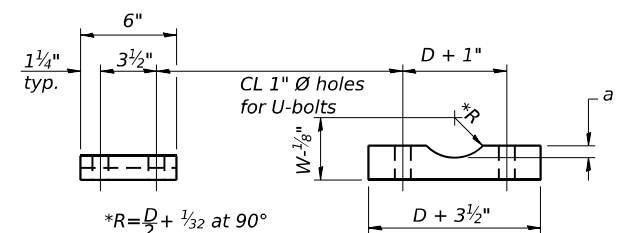


SECTION C-C

(Handhole cover not shown)



DETAIL C



SADDLE SHIM DETAIL

D = Outside Diameter of Chord.
For W, see Base Sheet OS-A-6.

Truss Chord Nominal Dia.	a
7"	1"
8 1/2"	1 1/4"
9"	1 3/8"

ASTM B26 Alloy 356-F
or
ASTM B209 Alloy 6061-T651
(4 required per sign truss)

OS4-A-8aA

5-15-2023



USER NAME = eoskqu	DESIGNED - SD	REVISED -
PLOT SCALE = 32.0000' = 1 in.	CHECKED - DTS	REVISED -
PLOT DATE = 03/18/2022	DRAWN - SD	REVISED -
	CHECKED - DTS	REVISED -

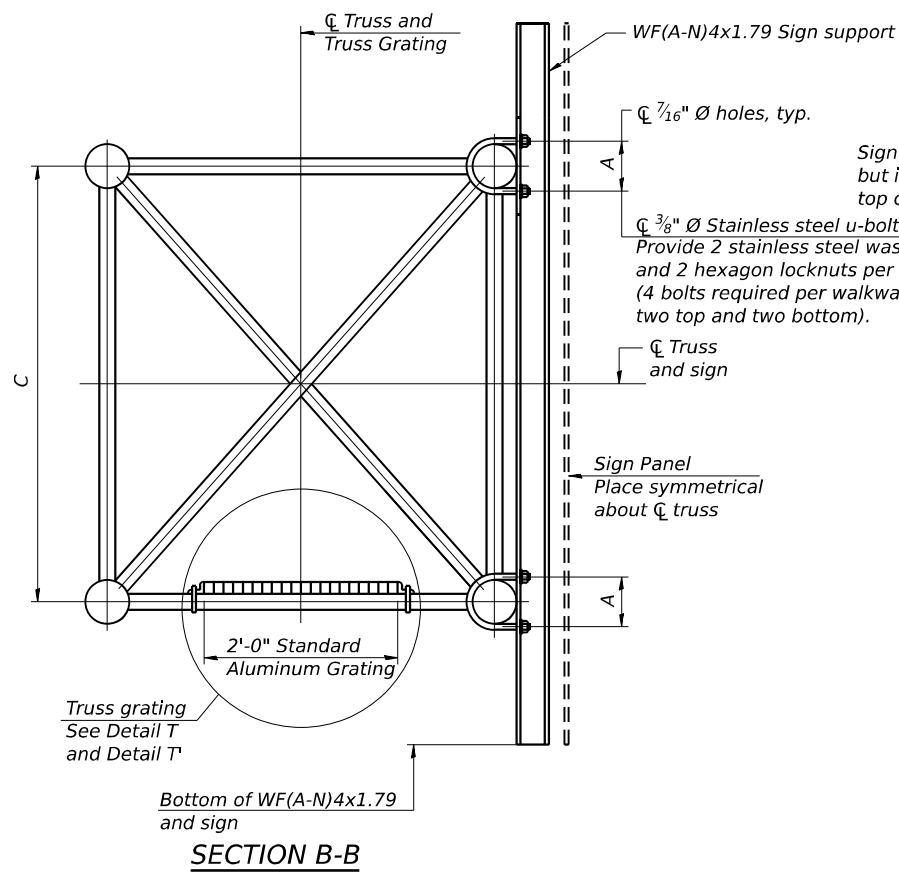
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SUPPORT FRAME FOR TYPE III-A ALUMINUM TRUSS

SHEET 6 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	271
			CONTRACT NO. 62R26	
		ILLINOIS	FED. AID PROJECT	

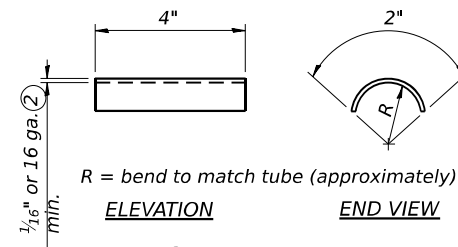
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SECTION B-B

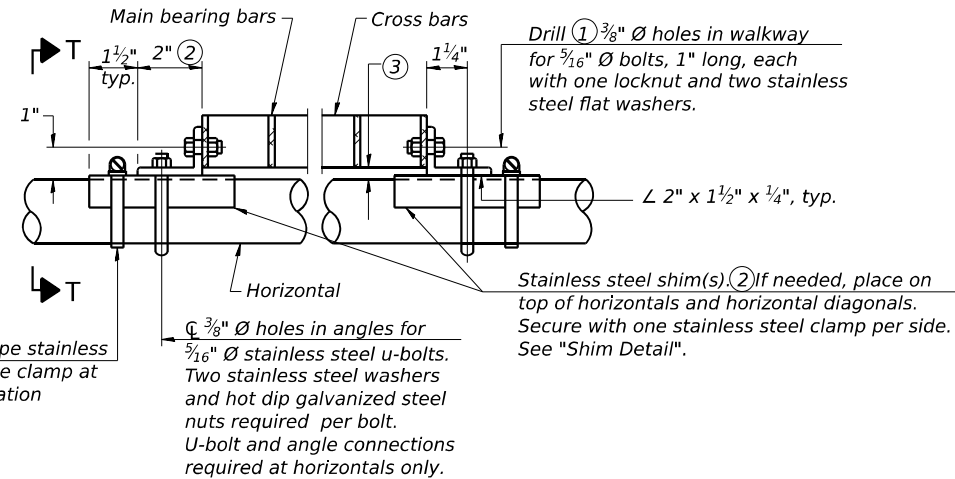
Sign shall be even with the top of the bracket, but it may extend no more than 6" above the top of the bracket for field adjustments.

Provide 2 stainless steel washers and 2 hexagon locknuts per bolt. (4 bolts required per walkway bracket, two top and two bottom).



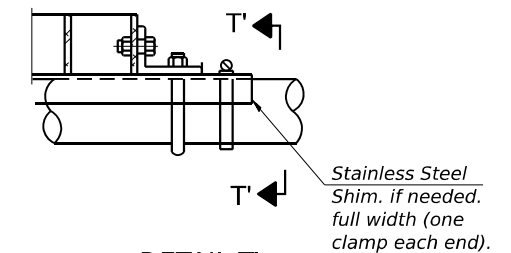
SHIM DETAIL

- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- ② Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- ③ Tube to grating gap may vary from 0 to 1/2", max. to align walkway, allow for camber, etc.



DETAIL T

(Continuous Truss grating)



DETAIL T'
(Truss grating splice)

Details not shown same as Detail T. Alternate materials may be used subject to the Engineer's review and approval.

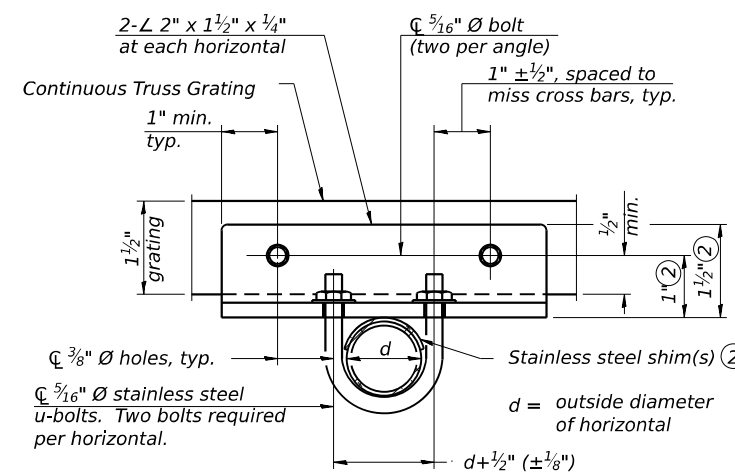
SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B221 Alloy 6061-T6.
 Cross bars shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

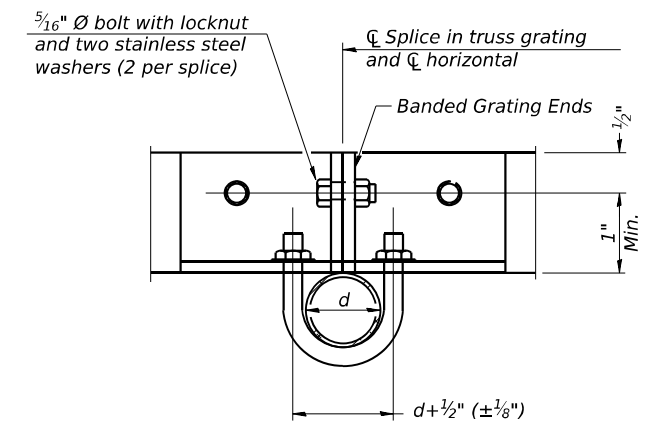
OR

Aluminum Grating with modified "t" sections for main bearing bars shall meet the following requirements:
 Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.³ per bar, a depth of 1 1/2", spaced on 1 3/16" centers.
 Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	Station	A	C
1S0991055R249.0	1017+00	8 7/8"	7'-0"
1S0991055R249.3	1030+00	7 3/8"	7'-0"
1S0991055L250.1	1074+85	7 3/8"	7'-0"
1S0991055L250.6	253+95	7 3/8"	7'-0"
1S0991055R249.9	8+50	5 3/8"	4'-6"



SECTION T-T



SECTION T'-T'

OS-A-10-NW

5-15-2023

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USER NAME = eoskquj	DESIGNED - SD	REVISED -
PLOT SCALE = 32.0000' / 1 in.	CHECKED - DTS	REVISED -
PLOT DATE = 03/18/2022	DRAWN - SD	REVISED -
	CHECKED - DTS	REVISED -

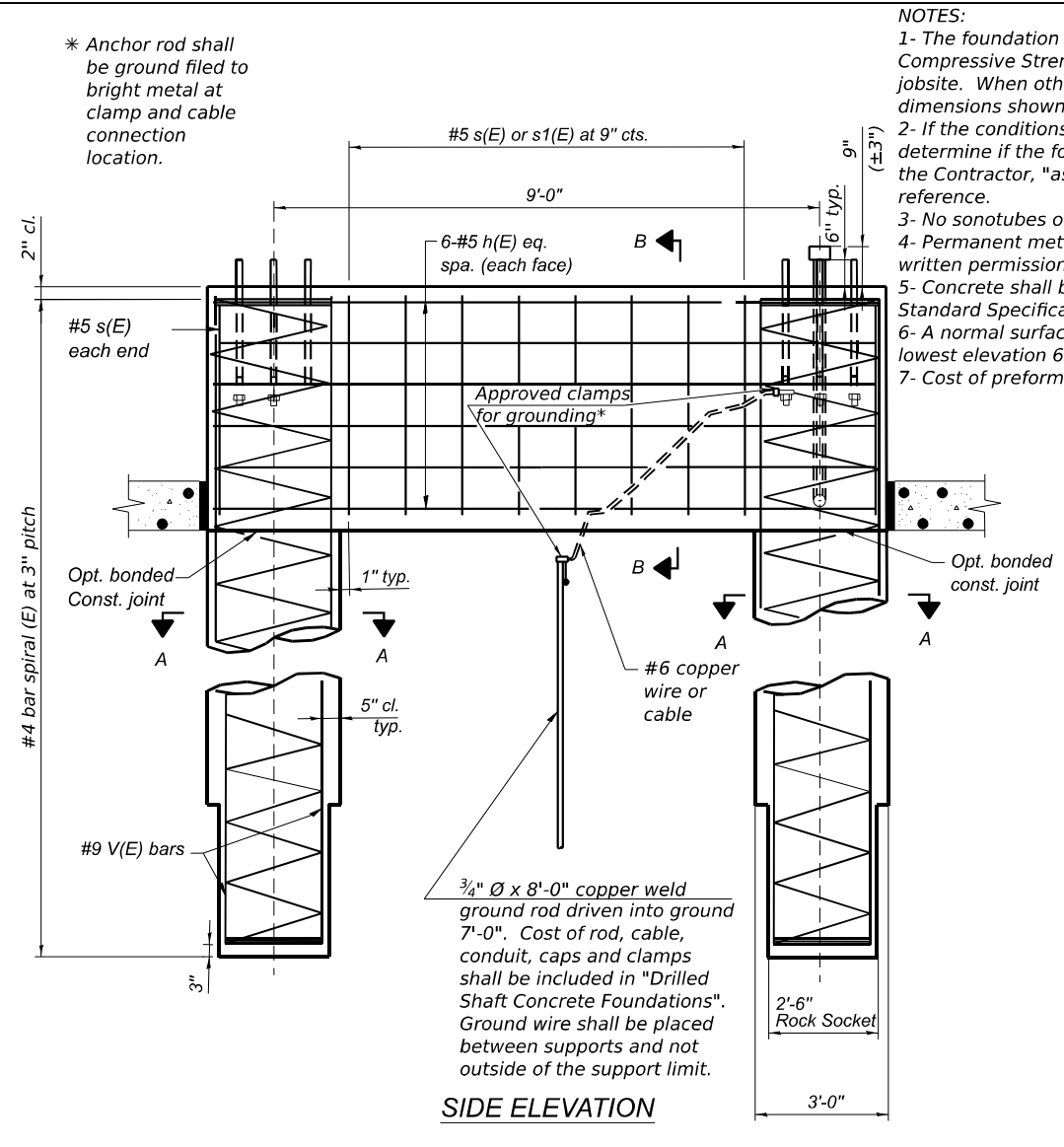
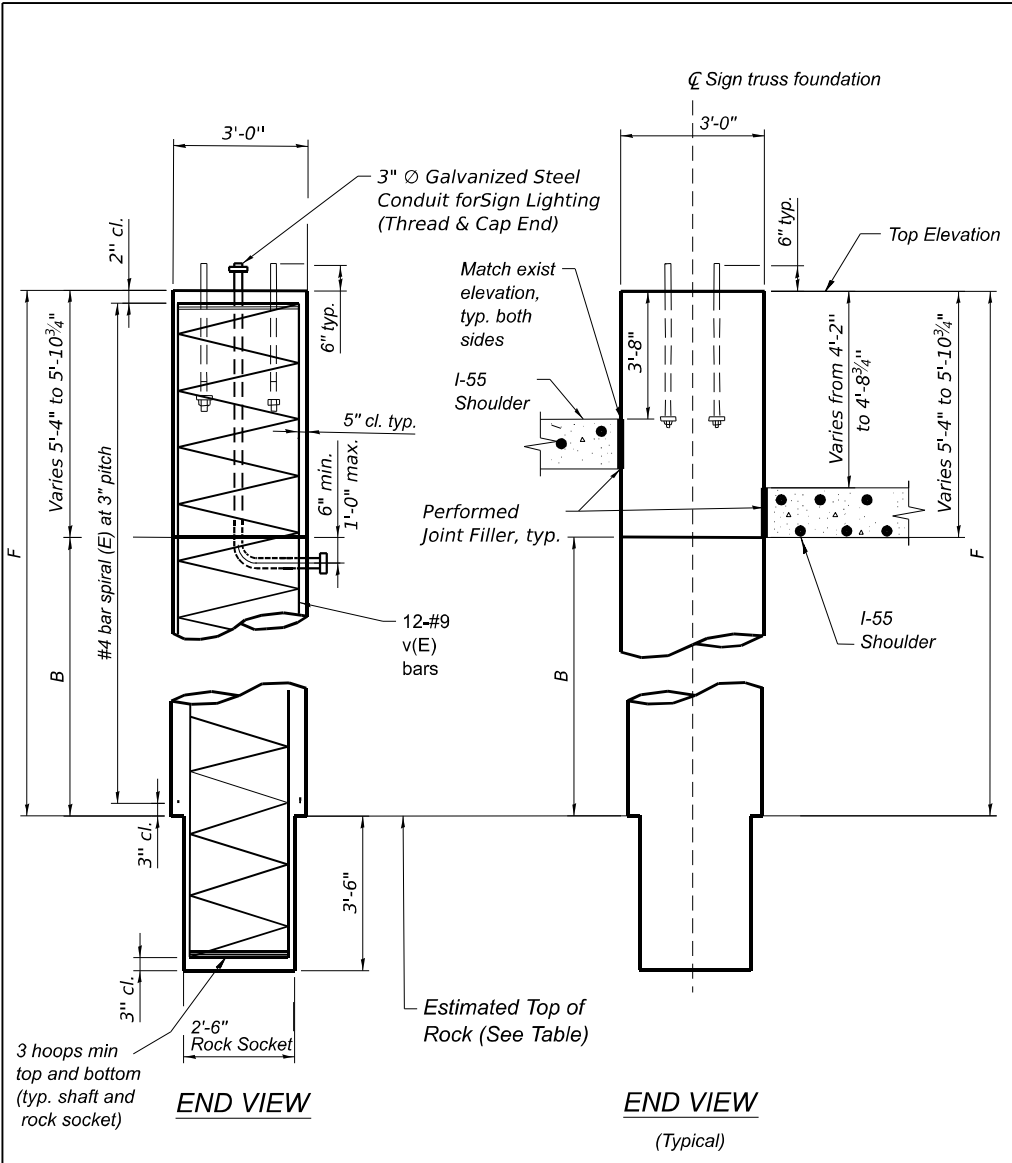
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
 ALUMINUM WALKWAY DETAILS

SHEET 8 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	273
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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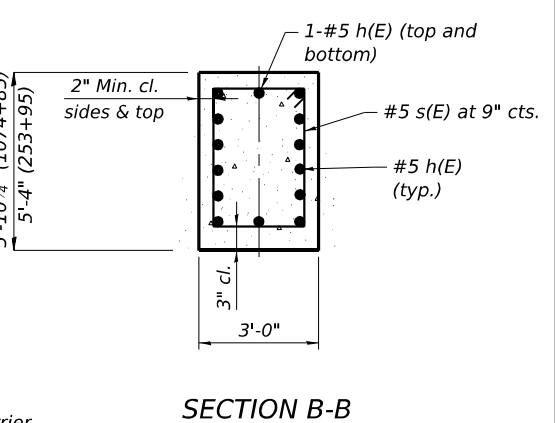
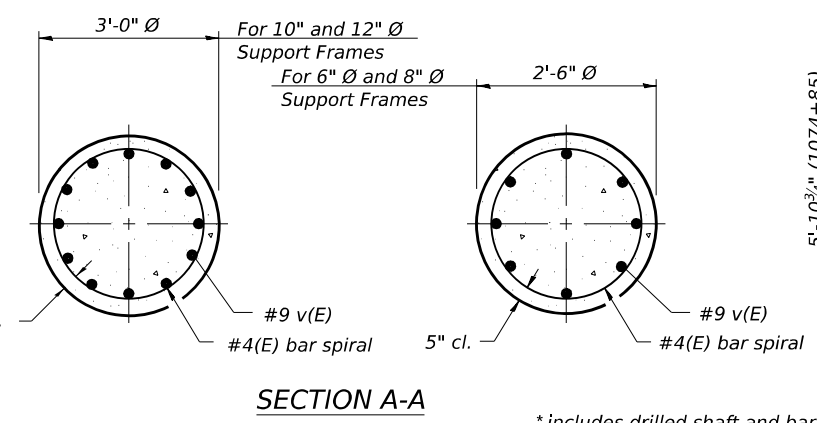
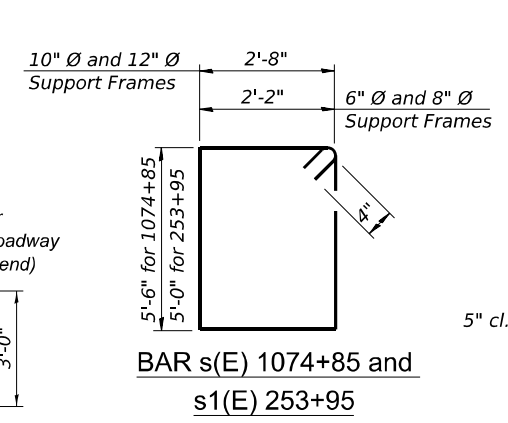
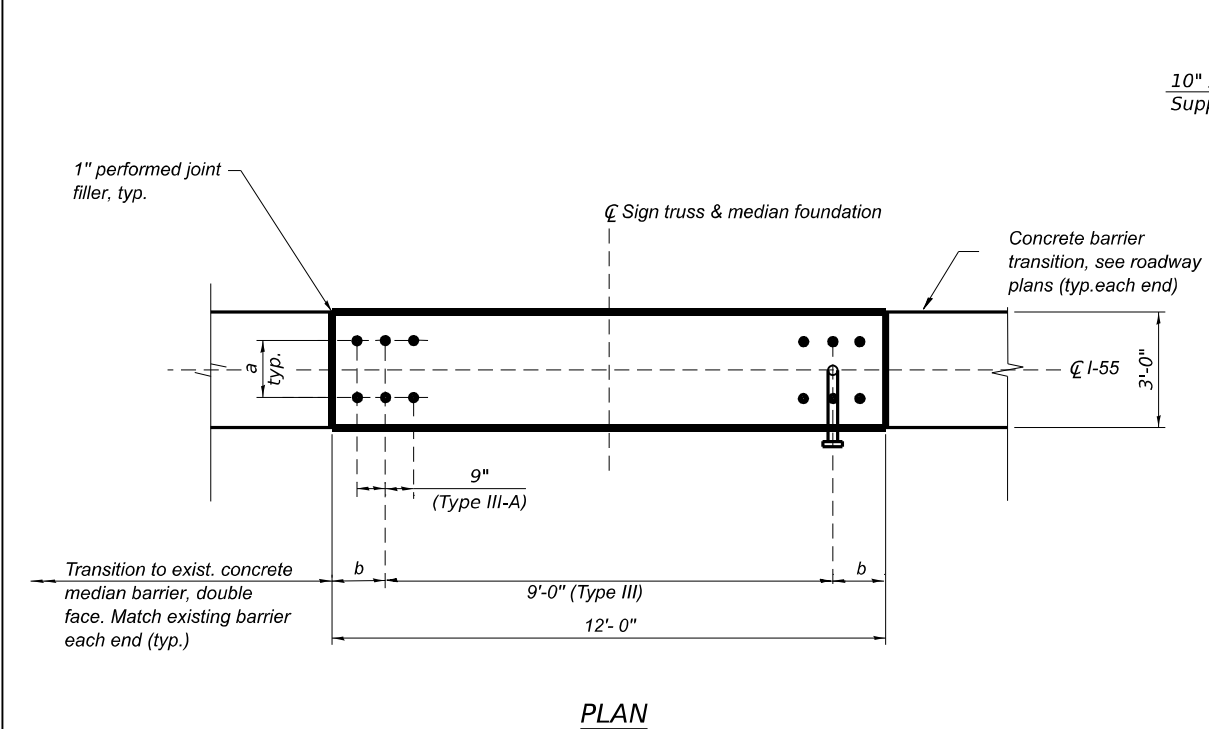
- NOTES:**
- The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Q_u) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown 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, 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.
 - Cost of preformed joint filler included in Drilled Shaft Concrete Foundation.

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
h(E)	14	#5	11'-8"	—
s(E)	Varies	#5	17'-0"	□
s1(E)	Varies	#5	16'-0"	□
v(E)	24	#9	F plus 3'-1"	—

#4(E) bar spiral. See Side Elevation

Pipe Support Frames	CC	M	a	a/2
6"Ø	7'-0"	9'-6"	0'-11"	5 1/2"
8"Ø	7'-6"	10'-0"	1'-1 1/2"	6 3/4"
10"Ø	8'-3"	11'-3"	1'-3"	7 1/2"
12"Ø	9'-0"	12'-0"	1'-6"	9"



Structure Number	Station	Design Truss Type	Right Foundation			Left Foundation			*Class DS Concrete (Cu. Yds.)	Drilled Shaft in Rock Concrete (Cu. Yds.)				
			Elevation Top	Estimated Top of Rock	A B F	Elevation Top	Estimated Top of Rock	A B F						
IS099I055L250.1	1074+85	III-A	—	—	—	—	—	594.19	574.50	—	14'-4 1/8"	19'-8 1/8"	15.4	1.3
IS099I055L250.6	253+95	III-A	—	—	—	—	—	592.16	564.2	—	22'-0 3/4"	27'-11 1/2"	19.4	1.3



USER NAME = sdcblj	DESIGNED - SD	REVISIONS -
PLOT SCALE = 0.1669' / in.	CHECKED - DTS	REVISIONS -
PLOT DATE = 03/18/2022	DRAWN - SD	REVISIONS -
	CHECKED - DTS	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES
DRILLED SHAFT IN ROCK DETAILS**

SHEET 10 OF 16 SHEETS

F.A.I. RTE. I-80	SECTION FAI 80 21 STRUCTURE 5	COUNTY WILL	TOTAL SHEETS 525	SHEET NO. 275
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R26	

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

BORING LOG I55-OSB-01
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 579.15 ft
 North: 1751720.98 ft
 East: 1021600.65 ft
 Station: 1016+96.3
 Offset: 22.8 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
578.93	10-inch thick, black SILTY LOAM --TOPSOIL-- Stiff to very stiff, light to dark brown Gravelly CLAY LOAM; damp	0-5	1	4 7 11	1.00 P	10	578.93	--FILL-- --RDR 2-- --L _L (%)=36, P _L (%)=16-- --%Gravel=1.2-- --%Sand=31.9-- --%Silt=40.5-- --%Clay=26.4-- --A-6 (11)--	0-5	11	14 6 11	5.74 B	17
573.7	Dense to very dense, light brown and gray SANDY GRAVEL; damp	5-10	2	10 7 11	3.00 P	13	573.7	--FILL-- --RDR 2--	5-10	12	24 28 20	3.03 B	17
566.2	Stiff, light brown to brown, gravelly CLAY LOAM; moist	10-15	3	15 32 35	NP	4	566.2	--FILL-- --RDR 2--	10-15	13	13 18 6	3.00 P	17
563.7	Medium dense, light brown and gray SANDY GRAVEL; damp	15-20	4	11 21 21	NP	5	563.7	--Buried TOPSOIL-- --RDR 3--	15-20	14	11 50 23	1.31 B	50
561.2	Very stiff, light to dark brown Gravelly CLAY LOAM; moist	20-25	5	11 21 12	NP	8	561.2	Boring terminated at 40.00 ft	20-25				
558.7	Medium dense, light brown and gray SANDY GRAVEL; damp	25-30	6	8 13 9	1.50 P	9	558.7		25-30				
557.9	Very stiff to hard, light to dark brown CLAY LOAM, trace gravel to Gravelly SILTY CLAY LOAM; moist	30-35	7	15 12 16	NP	8	557.9		30-35				
		35-40	8	15 10 8	2.00 P	12			35-40				
		40-45	9	17 6 12	3.00 P	17			40-45				
		45-50	10	7 34 23	2.50 P	17			45-50				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-08-2024	Complete Drilling	02-09-2024	While Drilling	▽	13.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	13.50 ft	
Driller	RH&JD	Logger	L. Corral	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG I55-OSB-02
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 575.78 ft
 North: 1751715.48 ft
 East: 1021646.33 ft
 Station: 1016+89.4
 Offset: 68.3 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
575.0	10-inch thick CONCRETE --PAVEMENT--	0-2					575.0	Medium dense to dense, light gray and brown SANDY GRAVEL; moist	0-5	11	6 5 21	NP	4
572.8	2-inch thick, light gray and brown SANDY GRAVEL --AGGREGATE BASE--	2-5	1	8 8 6	NP	4	572.8	--FILL-- --RDR 2--	5-10	12	24 20 10	NP	10
	Medium dense to very dense, light brown and gray Gravelly SANDY LOAM to SANDY GRAVEL; damp to wet	5-10	2	6 9 11	NP	4			10-15	13	13 18 6	3.00 P	17
	--FILL-- --RDR 2 to 3--	10-15	3	11 12 10	NP	7			15-20	14	11 50 23	1.31 B	50
	--RDR 3 from 11 to 15 ft-- --possible cobbles--	15-20	4	7 14 13	NP	6			20-25	15	15 12 16	NP	8
		20-25	5	50 3	NP	8			25-30	16	16 19 15	1.50 P	61
		30-35	6	21 22 23	NP	8			30-35	17	17 6 12	3.00 P	17
		35-40	7	11 9 10	NP	9			35-40	18	7 34 23	2.50 P	17
		40-45	8	5 10 6	NP	11			40-45	19			
	--wet spoon--	45-50	9	16 13 12	NP	10			45-50	20			
	Dense, brown and gray Gravelly LOAM to SILTY LOAM, moist	50-55	10	9 13 18	NP	13			50-55	21			
	--FILL-- --RDR 2--25	55-60							55-60				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-12-2024	Complete Drilling	02-13-2024	While Drilling	▽	21.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	21.00 ft	
Driller	RH&JD	Logger	L. Corral	Time After Drilling	NA		
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

MODEL: Default
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 WANGENGINC_255901.GPJ WANGENG.GDT 4/16/24

	USER NAME = eoskoul	DESIGNED - SD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURES BORING LOG	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 32.0000' = 1"	CHECKED - DTS	REVISED -			I-80	FAI 80 21 STRUCTURE 5	WILL	525	277
	PLOT DATE = 03/18/2022	DRAWN - SD	REVISED -	SHEET 12 OF 16 SHEETS			CONTRACT NO. 62R26			
ILLINOIS FED. AID PROJECT										

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BORING LOG I55-OSB-03
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 561.84 ft
 North: 1753019.88 ft
 East: 1021545.16 ft
 Station: 1029+96.2
 Offset: 7.1 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
560.8	12-inch thick TOPSOIL --TOPSOIL--								--Recovery: 91.6%-- --RQD: 21%-- --Q _u =5,696 psi						
	Very stiff to hard, black and dark brown Gravelly SILTY CLAY LOAM to CLAY LOAM; moist --FILL-- --RDR-2--	1	X	1	7 8 8	2.67 N/6	24		--RUN 2: 27.0 to 29.0 feet-- --Recovery: 100%-- --RQD: 21%--			2			
		2	X	2	4 22 7	4.83 N/6	26		Boring terminated at 29.00 ft						
		3	X	3	4 4 4	2.30 B	27								
552.8	Soft, black SILTY CLAY LOAM; moist --Buried TOPSOIL-- --RDR-2--	10	X	4	3 4 9	0.41 B	20								
551.3	Very dense, dark brown and gray Gravelly LOAM to SILTY LOAM; wet --RDR-3-- --wet spoon--	5	X	5	50/1"	NP	19								
		6	X	6	50/2"	NP	11								
546.3	Very dense, light greenish-gray, gravelly SILTY LOAM; damp --RDR-3--	15	X	7	42 56/1"	NP	5								
543.8	Very dense, light gray SANDY GRAVEL; dry --Weathered BEDROCK-- --RDR-3--	20	X	8	50/3"	NP	4								
	Strong, light gray, very poor quality, DOLOSTONE; very closely spaced, slightly to moderately weathered, horizontal, oblique, and vertical joints, with <0.05 inch opening, slicken to rough walls, and <0.2 inch infill. --RUN 1: 19.0 to 27.0 feet--	25	X	1											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-09-2024	Complete Drilling	02-09-2024	While Drilling	▽	13.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	13.50 ft	
Driller	RH&JD	Logger	L. Corral	Time After Drilling		NA	
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG I55-OSB-07
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 589.53 ft
 North: 1757509.27 ft
 East: 1021411.34 ft
 Station: 1074+87.8
 Offset: 7.5 LT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
588.3	15-inch thick ASPHALT --PAVEMENT--														
	Medium dense, gray SANDY GRAVEL; damp --BASE COURSE--	1	X	1	11 12	NP									
586.5	Medium dense, brown SANDY LOAM; damp --FILL--	5	X	2	3 5 6	NP	8								
584.0	Stiff, brown CLAY LOAM to SILTY CLAY LOAM, trace gravel; damp --FILL-- --RDR 2--	10	X	3	4 2 3	1.00 P	16								
		10	X	4	3 2 3	1.00 P	16								
579.0	Very stiff, brown Gravelly SILTY LOAM to SILTY CLAY LOAM; damp --RDR 2--	5	X	5	8 6 6	2.00 P	10								
576.5	Very dense, gray GRAVEL; moist to wet --Weathered BEDROCK--	15	X	6	25 50/4"	NP	5								
574.5	Strong, light gray, very poor quality, DOLOSTONE; closely spaced, slightly weathered, horizontal and vertical joints, with <0.05 inch opening, slightly rough walls, and <0.2 inch thick clay infill. --RUN 1: 15.0 to 25.0 feet-- --Recovery: 99%-- --RQD: 20%-- --Q _u at 17.5 ft=5,408 psi	20	X	1											
564.5	Boring terminated at 25.00 ft	25													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-06-2024	Complete Drilling	03-06-2024	While Drilling	▽	14.50 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	17B57T [91%]	At Completion of Drilling	▽	NA	
Driller	NC&JG	Logger	M. Rojo	Time After Drilling		NA	
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

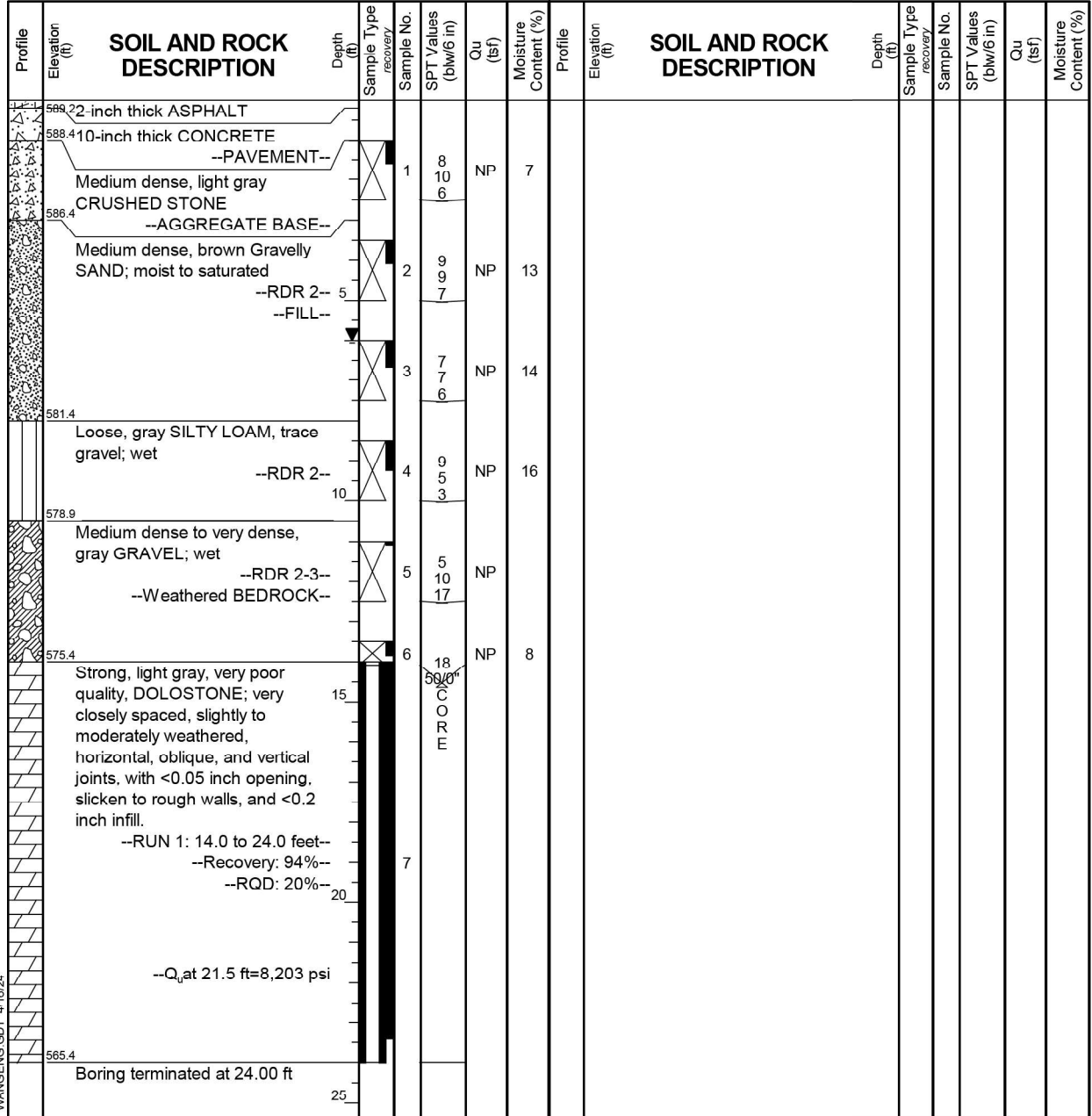
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BORING LOG I55-OSB-08
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 589.39 ft
 North: 1757496.08 ft
 East: 1021358.04 ft
 Station: 1074+76.2
 Offset: 61.2 LT

Page 1 of 1



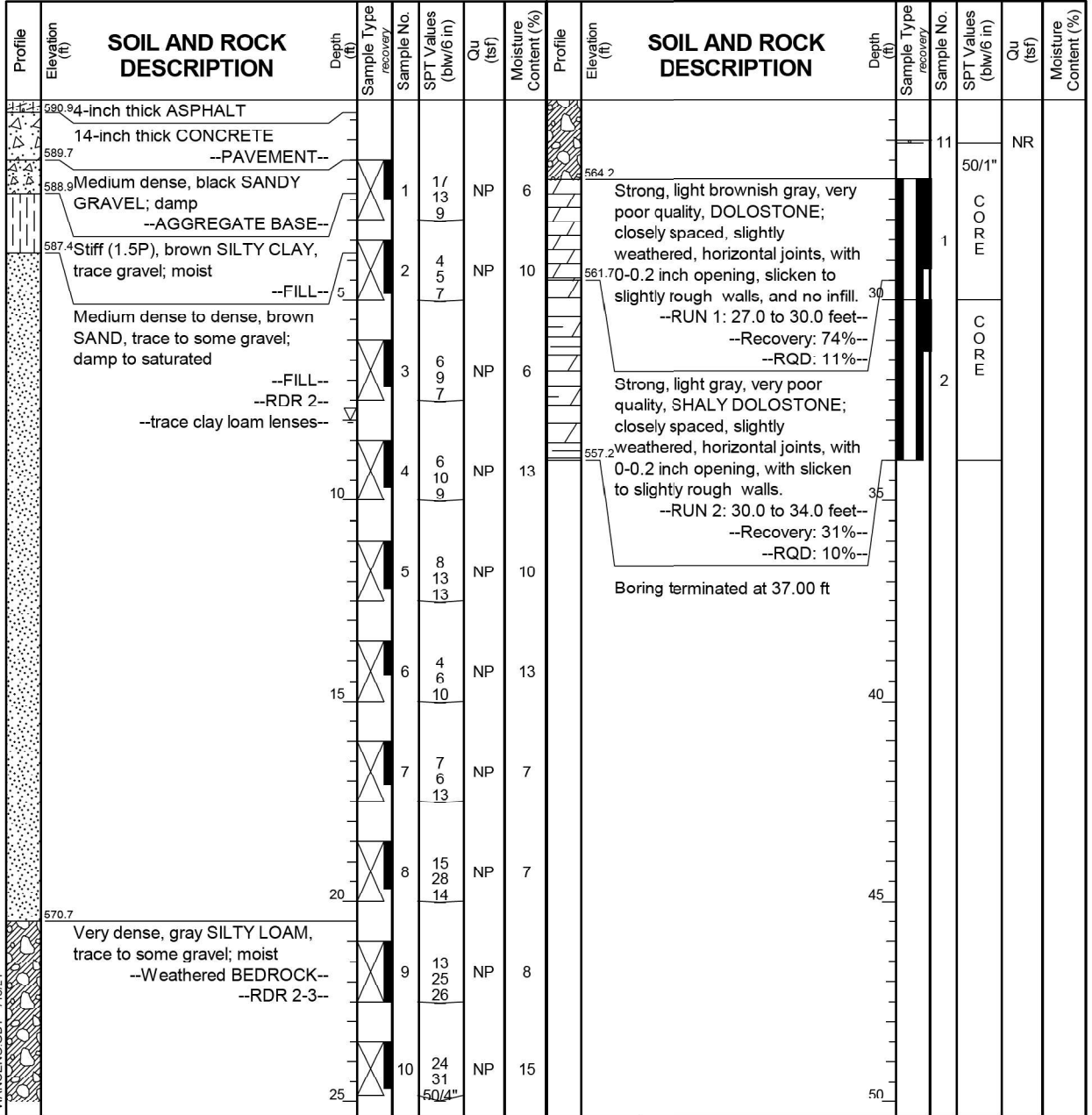
GENERAL NOTES			WATER LEVEL DATA		
Begin Drilling	02-12-2024	Complete Drilling	02-12-2024	While Drilling	6.00 ft
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	6.00 ft
Driller	RH&JD	Logger	L. Corral	Time After Drilling	NA
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Depth to Water	NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.					

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BORING LOG I55-OSB-09
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 591.24 ft
 North: 1759864.79 ft
 East: 1021339.09 ft
 Station: 1098+44.4
 Offset: 7.1 LT

Page 1 of 1



GENERAL NOTES			WATER LEVEL DATA		
Begin Drilling	01-30-2024	Complete Drilling	01-30-2024	While Drilling	8.00 ft
Drilling Contractor	Wang Testing Services	Drill Rig	20CME55T [81%]	At Completion of Drilling	NA
Driller	KG>	Logger	A. Scifers	Time After Drilling	NA
Drilling Method	3.25" ID HSA; boring backfilled upon completion			Depth to Water	NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.					

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BORING LOG I55-OSB-10
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 590.21 ft
 North: 1759864.51 ft
 East: 1021273.71 ft
 Station: 1098+46.1
 Offset: 70.1 LT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
589.1	13-inch thick, black SILTY LOAM --TOPSOIL--							564.2							
	Medium dense, light brown Gravelly SAND, damp --FILL-- --RDR 2--	1	X	1	9 7 3	NP	3		Strong, light gray, very poor quality, DOLOSTONE; very closely spaced, slightly to moderately weathered, horizontal, oblique, and vertical joints, with <0.05 inch opening, slicken to rough walls, and <0.2 inch infill. --RUN 1: 26.0 to 29.0 feet-- --Recovery: 78%-- --RQD: 0%-- --RUN 2: 29.0 to 36.0 feet-- --Recovery: 83%-- --RQD: 21%-- --Q _u at 30.5 ft=8,806 psi --Q _u at 31.0 ft=9,961 psi	11	X	11			
		2	X	2	9 6 8	NP	10			30	X				
584.0	Medium dense, brown LOAM to SANDY LOAM; moist to wet --FILL-- --RDR 2--	5	X	3	6 10 12	NP	26				X				
582.2	Medium dense to very dense, light brown Gravelly SANDY LOAM; wet --FILL-- --RDR 2--	10	X	4	6 9 11	NP	12			35	X				
		15	X	5	8 14 14	NP	11		Boring terminated at 36.00 ft		X				
		20	X	6	9 11 11	NP	9			40	X				
		25	X	7	11 21 23	NP	10			45	X				
		30	X	8	13 15 19	NP	13			50	X				
	--possible cobbles--	35	X	9	50/4	NP	12				X				
568.0	Very dense, light gray Gravelly SILTY LOAM to LOAM, trace cobbles; wet --Weathered BEDROCK-- --RDR 3--	40	X	10	50/2	NP	10			50	X				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-11-2024	Complete Drilling	02-12-2024	While Drilling	▽	6.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	20D50T [80%]	At Completion of Drilling	▽	6.00 ft	
Driller	RH&JD	Logger	L. Corral	Time After Drilling		NA	
Checked by	C. Marin			Depth to Water	▽	NA	
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG I55-OSB-13
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 590.79 ft
 North: 1756203.20 ft
 East: 1021012.40 ft
 Station: 9+03.04
 Offset: 94.91 LT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
590.0	10-inch thick, dark brown SILTY CLAY LOAM --TOPSOIL--							558.3							
	Very stiff to hard, brown and gray SILTY CLAY LOAM to CLAY LOAM, trace gravel; damp to moist --FILL-- --RDR 2--	1	X	1	2 6 11	4.50 P	14		Closely spaced, slightly weathered, horizontal and vertical joints, with 0.05 - 0.2 inch opening, slicken to slightly rough walls, and 0 - 0.2 inch thick clay infill. --RUN 1: 22.5 to 32.5 feet-- --Recovery: 93%-- --RQD: 4%-- --Q _u =4,339 psi	1	X	1			
		2	X	2	3 6 7	2.21 B	26			30	X				
585.3	Hard, brown SILTY CLAY, trace gravel; damp --RDR 2--	5	X	3	5 10 13	9.10 B	18				X				
		10	X	4	4 9 13	5.82 B	20		Boring terminated at 32.50 ft		X				
		15	X	5	8 13 6	NP	9			35	X				
579.5	Medium dense, brown SANDY GRAVEL; moist to wet --Qu: 1.5P--	20	X	6	2 4 6	0.90 B	17			40	X				
	Medium stiff to stiff, gray SILTY CLAY LOAM to SILTY LOAM, trace gravel; damp --RDR 1--	25	X	7	11 17 17	NP	9			45	X				
575.3	Dense, gray LOAM, trace gravel; damp --RDR 3--	30	X	8	15 20 26	6.15 S	11			50	X				
572.8	Hard, gray SILTY LOAM to LOAM, trace to little gravel; damp --RDR 3--	35	X	9	50/3	NP	9				X				
570.3	--frequent rig chatter-- Very dense, gray SILTY LOAM, some gravel and dolostone --Weathered BEDROCK-- --RDR 4--	40	X	10							X				
568.3	Strong, light gray, very poor quality, DOLOSTONE; Very	45	X								X				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-13-2024	Complete Drilling	02-13-2024	While Drilling	▽	11.25 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	21GeoT [92%]	At Completion of Drilling	▽	at 14 ft before coring	
Driller	K&T	Logger	F. Bozga	Time After Drilling		NA	
Checked by	C. Marin			Depth to Water	▽	NA	
Drilling Method	3.25" ID HSA; boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG I55-OSB-14
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 590.63 ft
 North: 1756245.79 ft
 East: 1020976.22 ft
 Station: 8+95.39
 Offset: 39.56 LT

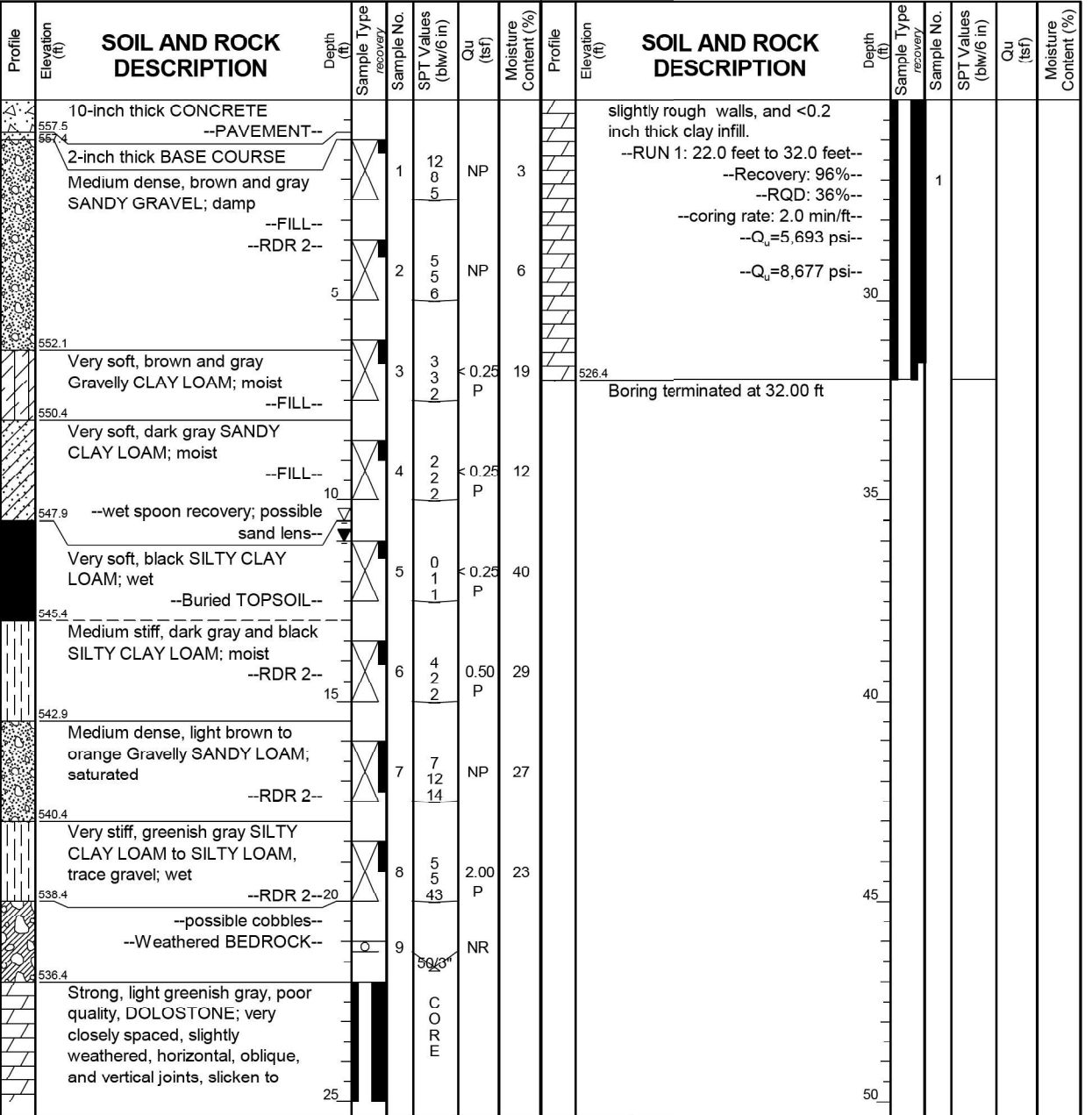
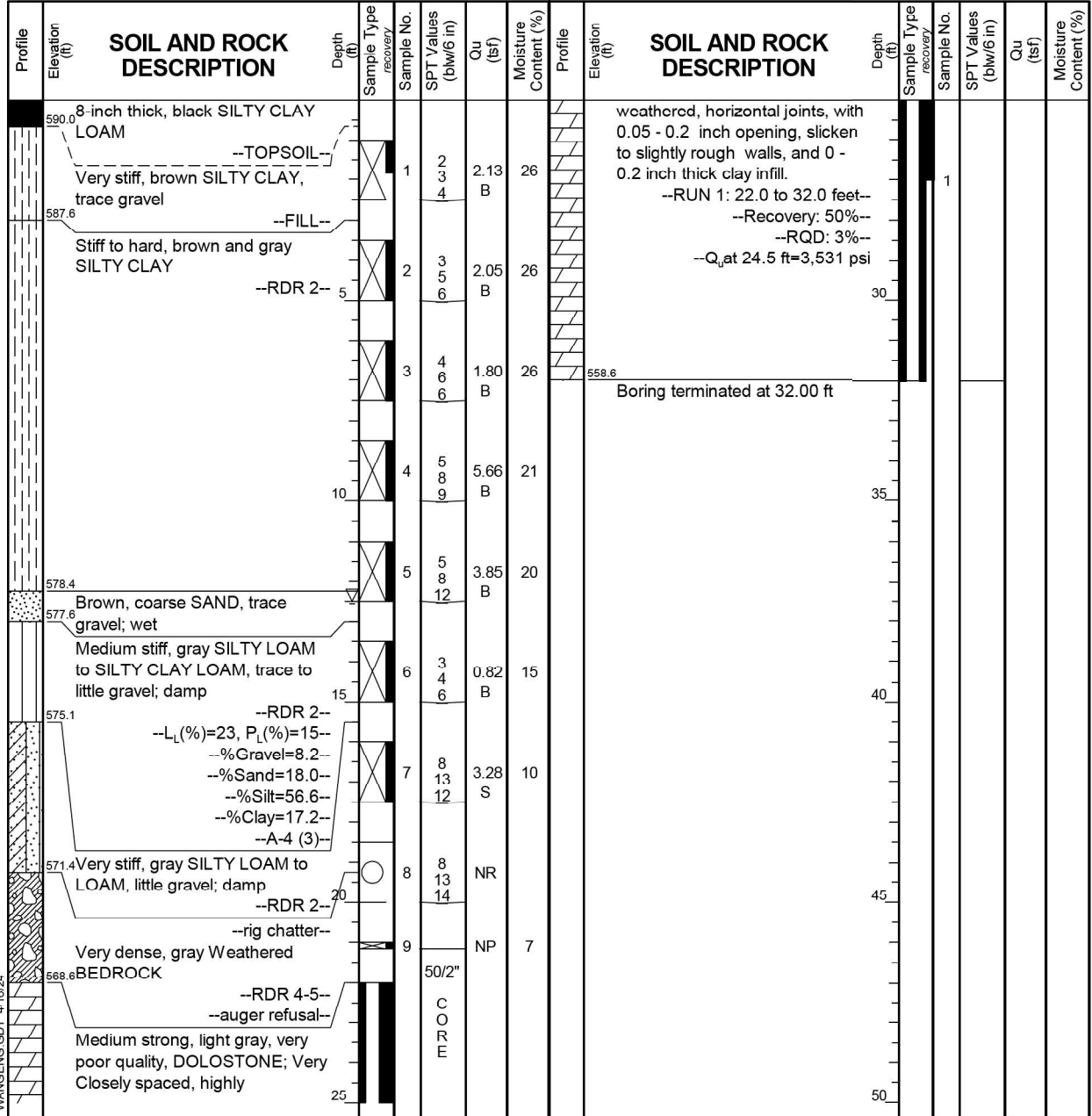
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BORING LOG I55-RWB-20
 WEI Job No.: 255-39-01
 Client: **Stantec**
 Project: **I-80 Reconstruction, Ridge Road to Houbolt Road**
 Location: **Will County, Illinois**

Datum: NAVD 88
 Elevation: 558.36 ft
 North: 1752992.56 ft
 East: 1021607.96 ft
 Station: 998+67.01
 Offset: 7.04 RT

Page 1 of 1



GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	02-13-2024	Complete Drilling	02-13-2024
Drilling Contractor	Wang Testing Services	Drill Rig	21GeoT [92%]
Driller	K&T	Logger	F. Bozga
Checked by	C. Marin	Drilling Method	3.25" ID HSA; boring backfilled upon completion
While Drilling	12.50 ft	At Completion of Drilling	at 14 ft before coring
Time After Drilling	NA	Depth to Water	NA

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	02-01-2024	Complete Drilling	02-01-2024
Drilling Contractor	Wang	Drill Rig	17B57T [91%]
Driller	NC&JD	Logger	L. Corral
Checked by	C. Marin	Drilling Method	3.25" ID HSA; boring backfilled upon completion
While Drilling	10.50 ft	At Completion of Drilling	11.00 ft
Time After Drilling	NA	Depth to Water	NA

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Stantec USER NAME = eoskoul DESIGNED - SD REVISIONS -
 CHECKED - DTS REVISIONS -
 PLOT SCALE = 32.0000' / 1 in. DRAWN - SD REVISIONS -
 PLOT DATE = 03/18/2022 CHECKED - DTS REVISIONS -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

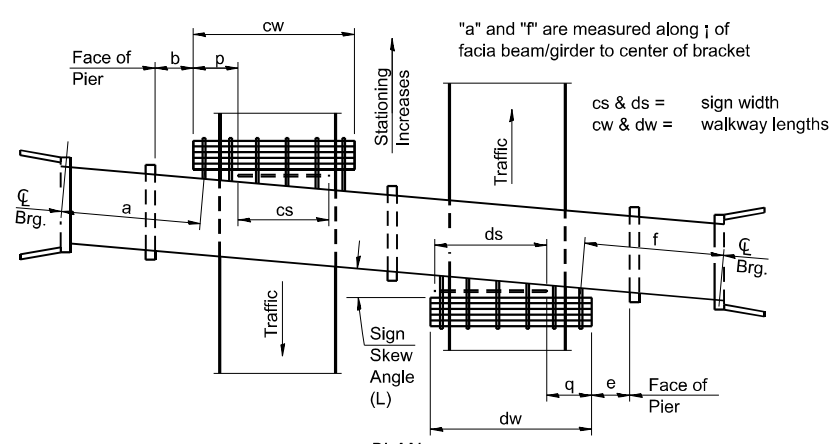
OVERHEAD SIGN STRUCTURES BORING LOG

SHEET 16 OF 16 SHEETS

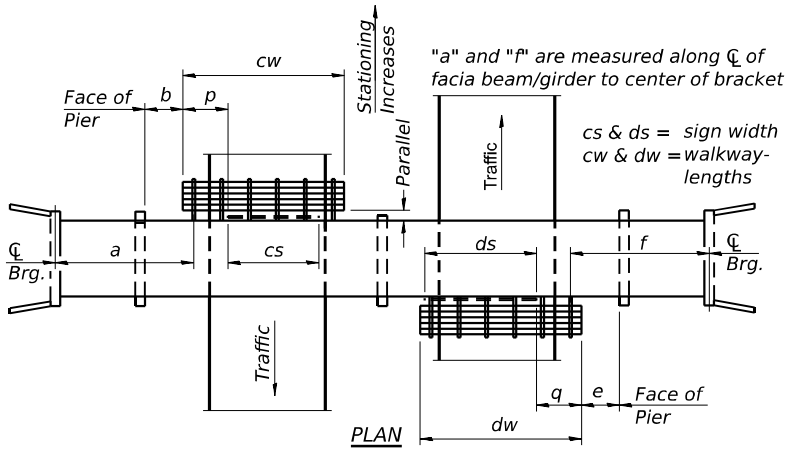
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	281
CONTRACT NO. 62R26				

ILLINOIS FED. AID PROJECT

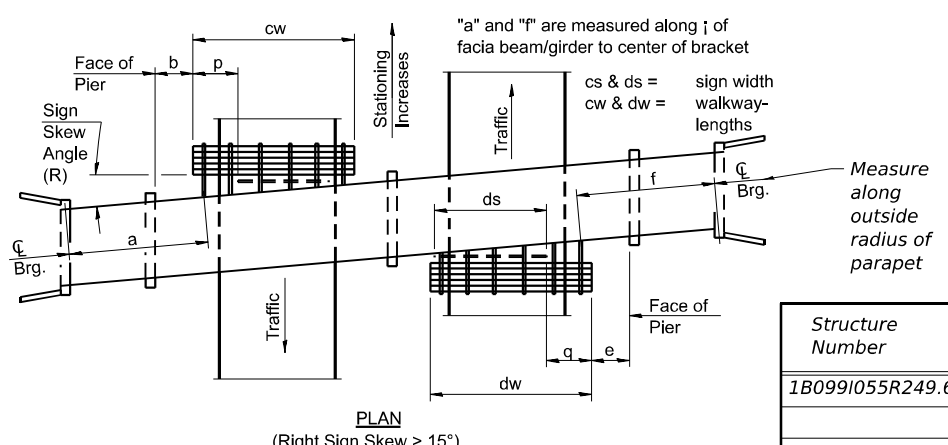
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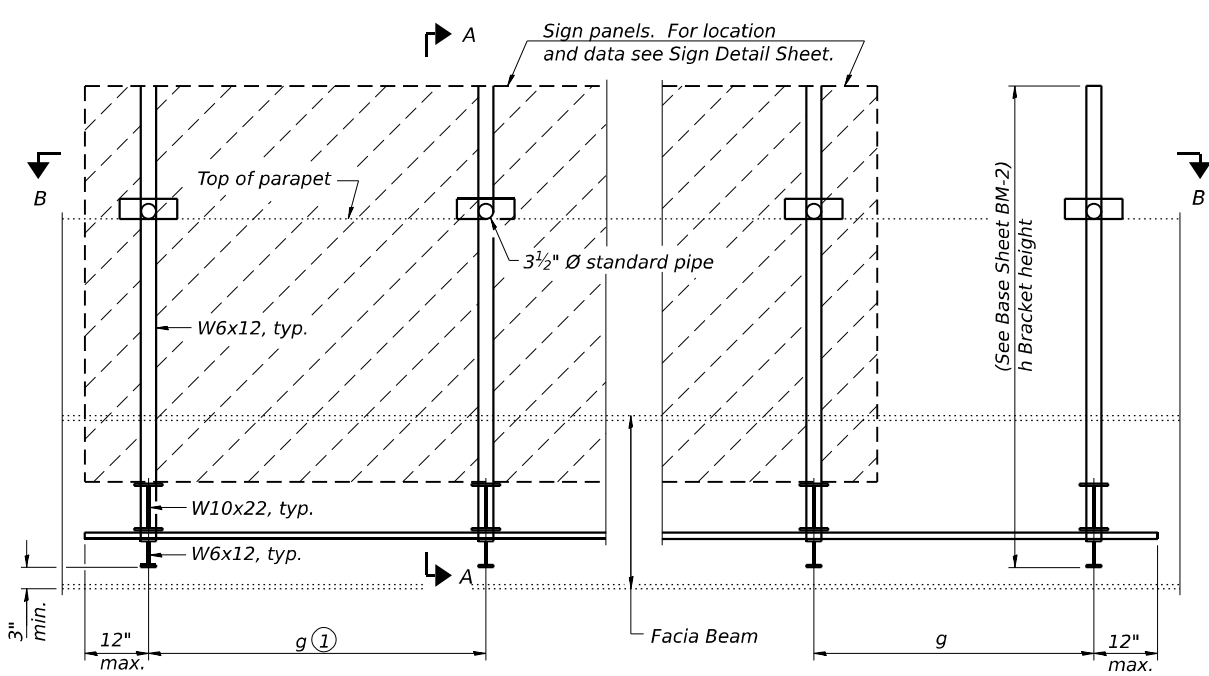
PLAN
(Left Sign Skew > 15°)
WALKWAY AND HANDRAIL SKETCH
(Road plan beneath structure varies.)



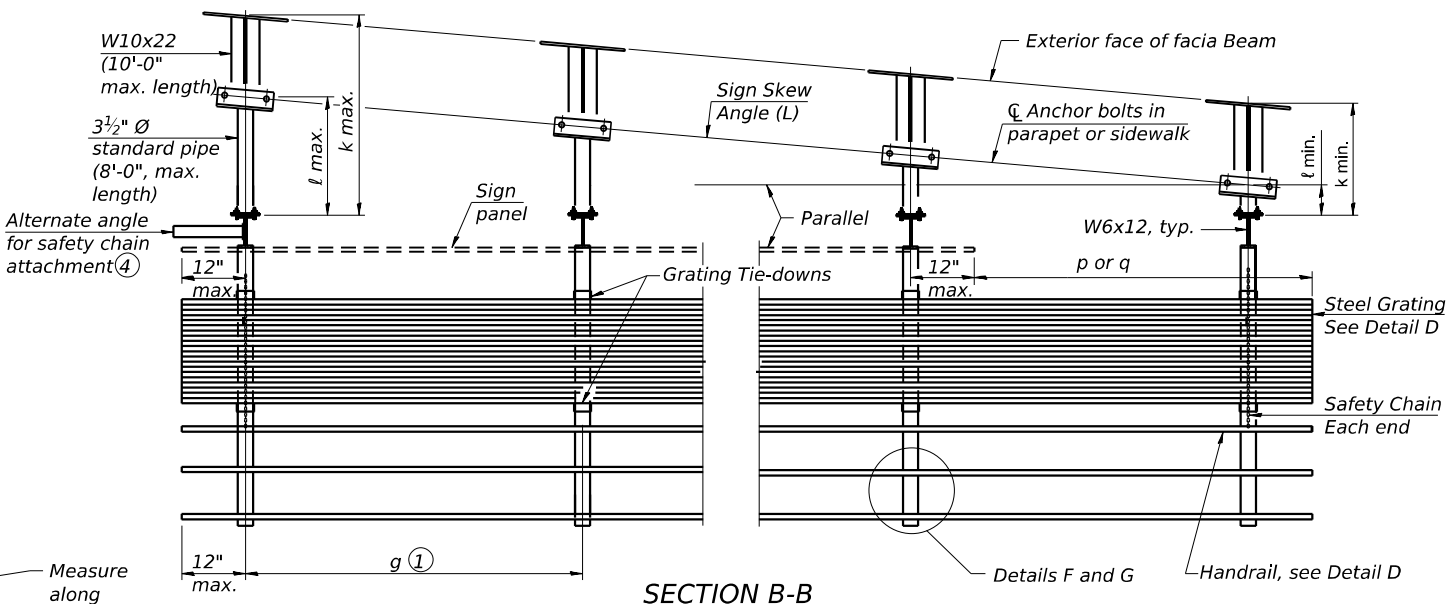
PLAN
(For Sign Skew ≤ 15°, all brackets constant)
WALKWAY AND HANDRAIL SKETCH
(Road plan beneath structure varies.)



PLAN
(Right Sign Skew > 15°)
(Road plan beneath structure varies.)



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



SECTION B-B
(Shown: Left Sign Skew > 15°)

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)
1B0991055R249.6	02°47'35"	24+19.05	099-8330	RTE 80	-	-	-	-	31'-0"	36'-10 ⁷ / ₈ "	-	32'-9 ⁵ / ₈ "	Varies	8	-	5'-10 ⁷ / ₈ "	36'-10 ⁷ / ₈ "

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")
- 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 Specifications.
- 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, 3/4" 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. Adjustments to bracket spacing will be needed to ensure sign does not extend 1 foot past CL of nearest support
- 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.
- 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	37.0
--	------	------



USER NAME = eoskoul	DESIGNED - SD	REVISED -
PLOT SCALE = 32.0000' = 1 in.	CHECKED - DTS	REVISED -
PLOT DATE = 03/18/2022	DRAWN - SD	REVISED -
	CHECKED - DTS	REVISED -

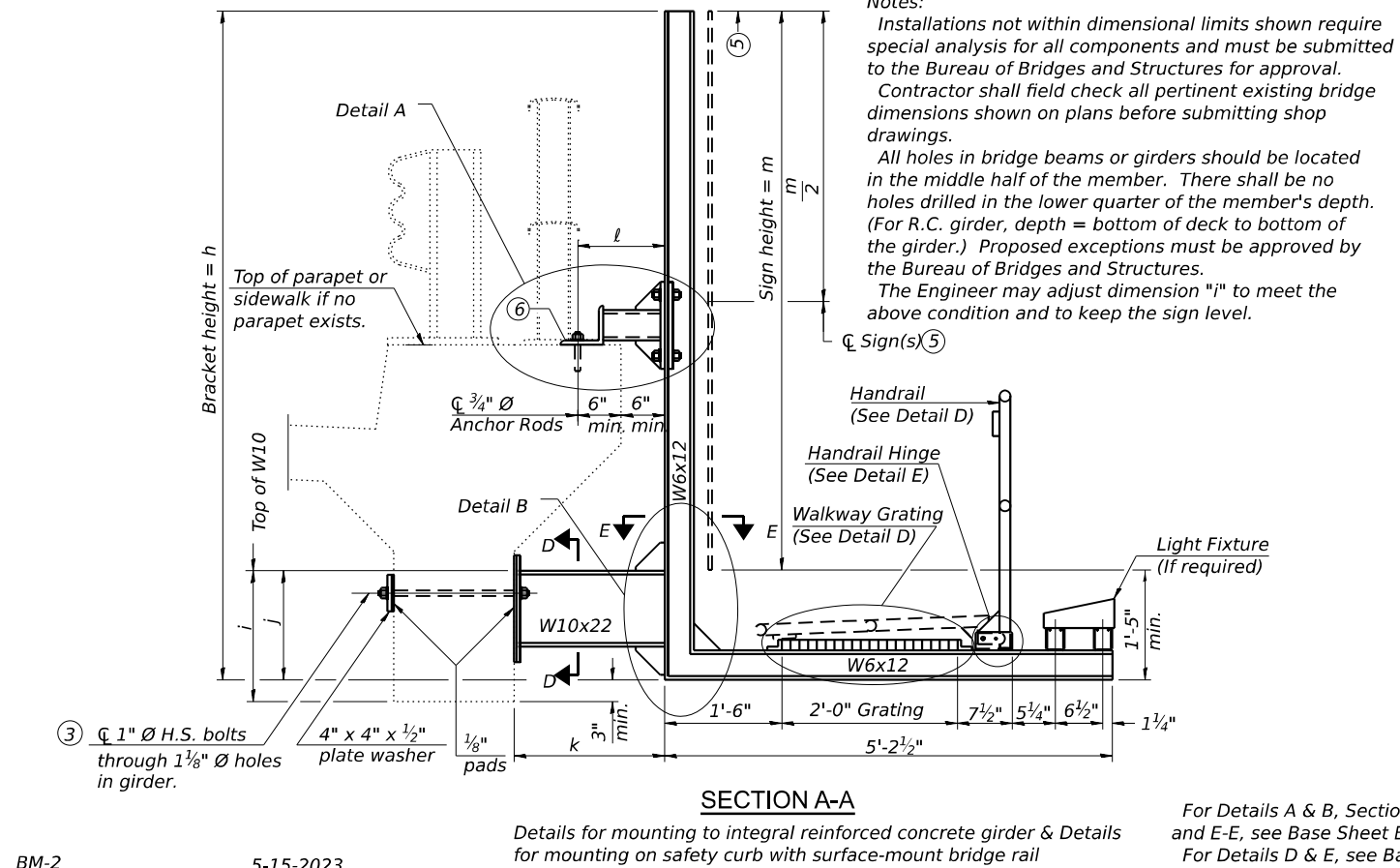
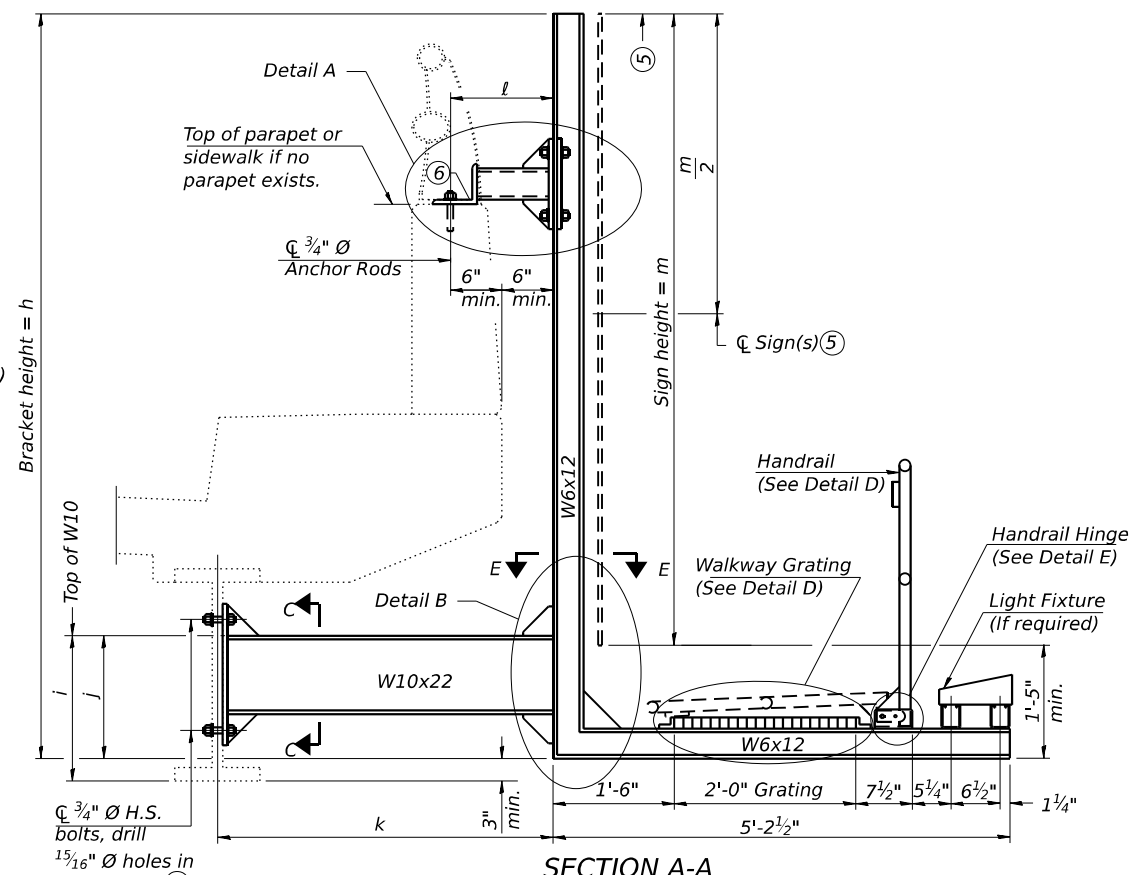
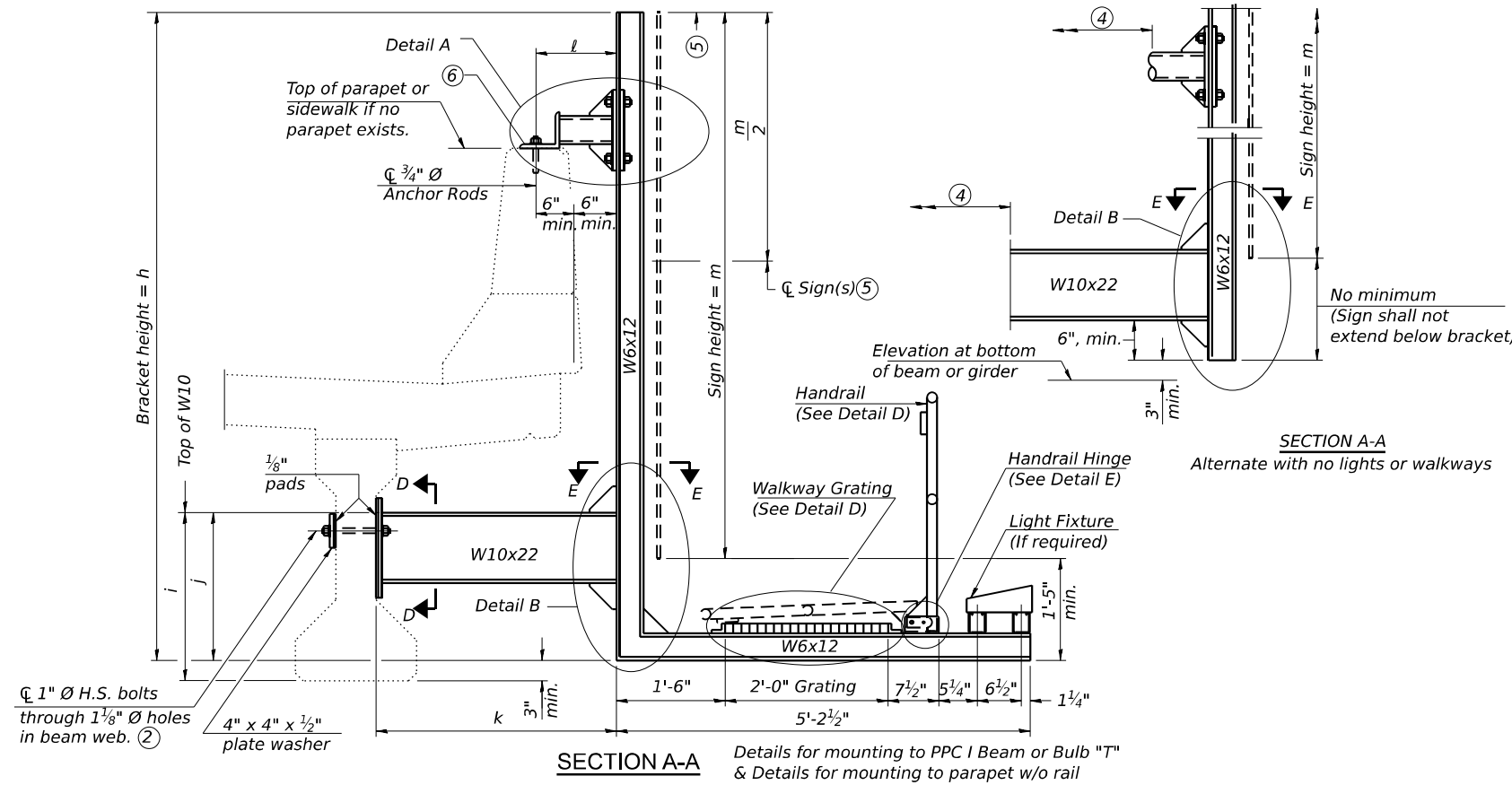
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
GENERAL PLAN AND ELEVATION

SHEET 1 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	282
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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- 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.
- Holes in new steel members may be drilled in the fabrication shop or in the field. Field drill existing members.
 - 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.
 - 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 1/4" deep or beyond the coverage of the 4x4 plate washer shall be repaired with epoxy mortar before installing washer.
 - For attachment details of 3/2" pipe and W10x22, see other sections as applicable.
 - 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.)
 - 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.

Structure Number	Station	h	i	j	k max. (10'-0" max.)	l max. (8'-0" max.)	m (15'-0" max.)
1B0991055R249.6	24+19.05	13'-11"	2'-4 1/2"	1'-7.5"	4'-8"	2'-3"	12'-6"
1B0991055R249.6	24+19.05	13'-11"	2'-4 1/2"	1'-7.5"	5'-8"	3'-3"	12'-6"

BM-2 15-15-2023

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.



USER NAME = eoskoul	DESIGNED - SD	REVISED -
PLOT SCALE = 32.0000' = 1 in.	CHECKED - DTS	REVISED -
PLOT DATE = 03/18/2022	DRAWN - SD	REVISED -
	CHECKED - DTS	REVISED -

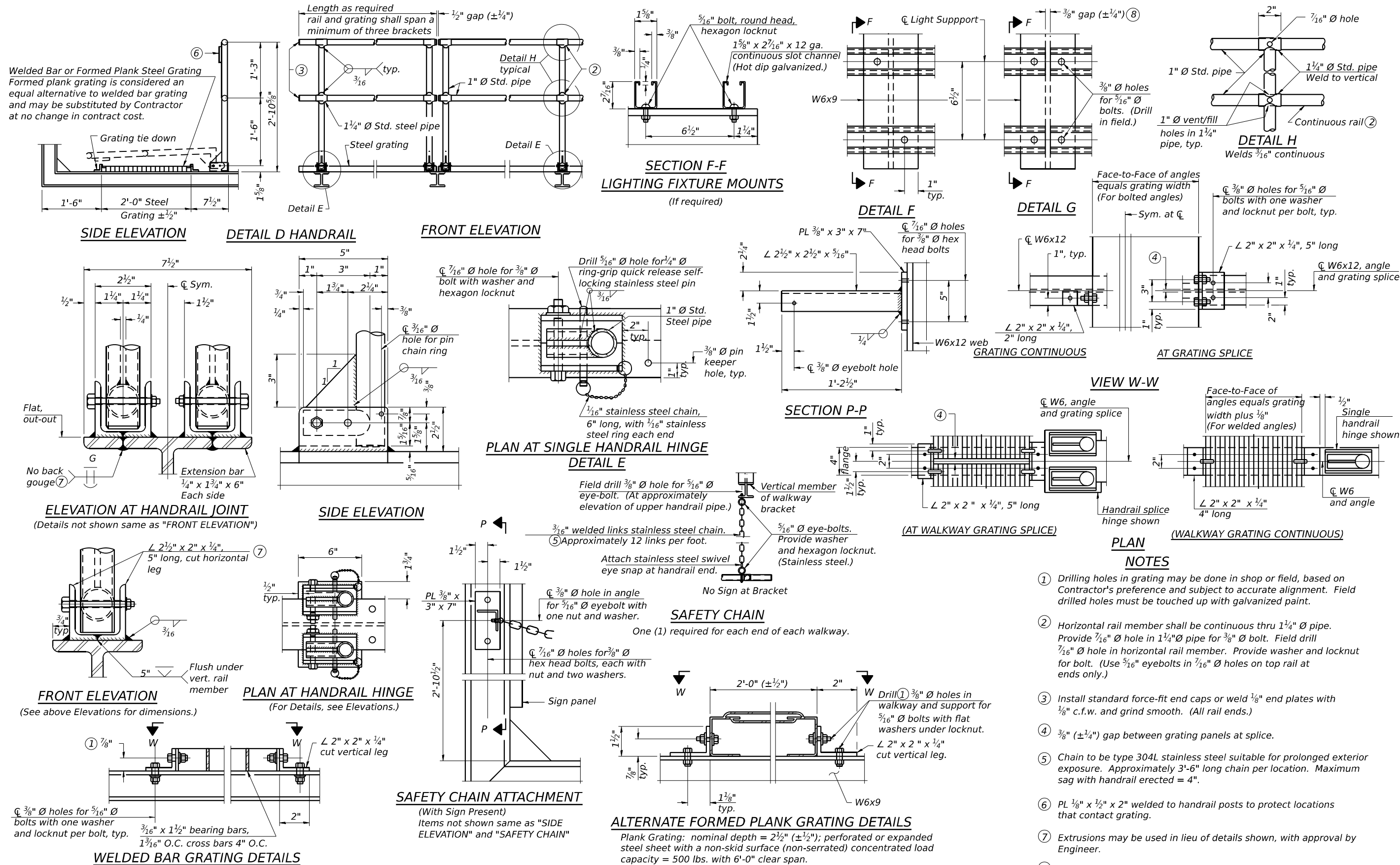
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
 WALKWAY AND CONNECTION DETAILS

SHEET 2 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	283
CONTRACT NO. 62R26				
ILLINOIS		FED. AID PROJECT		

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BM-4

5-15-2023



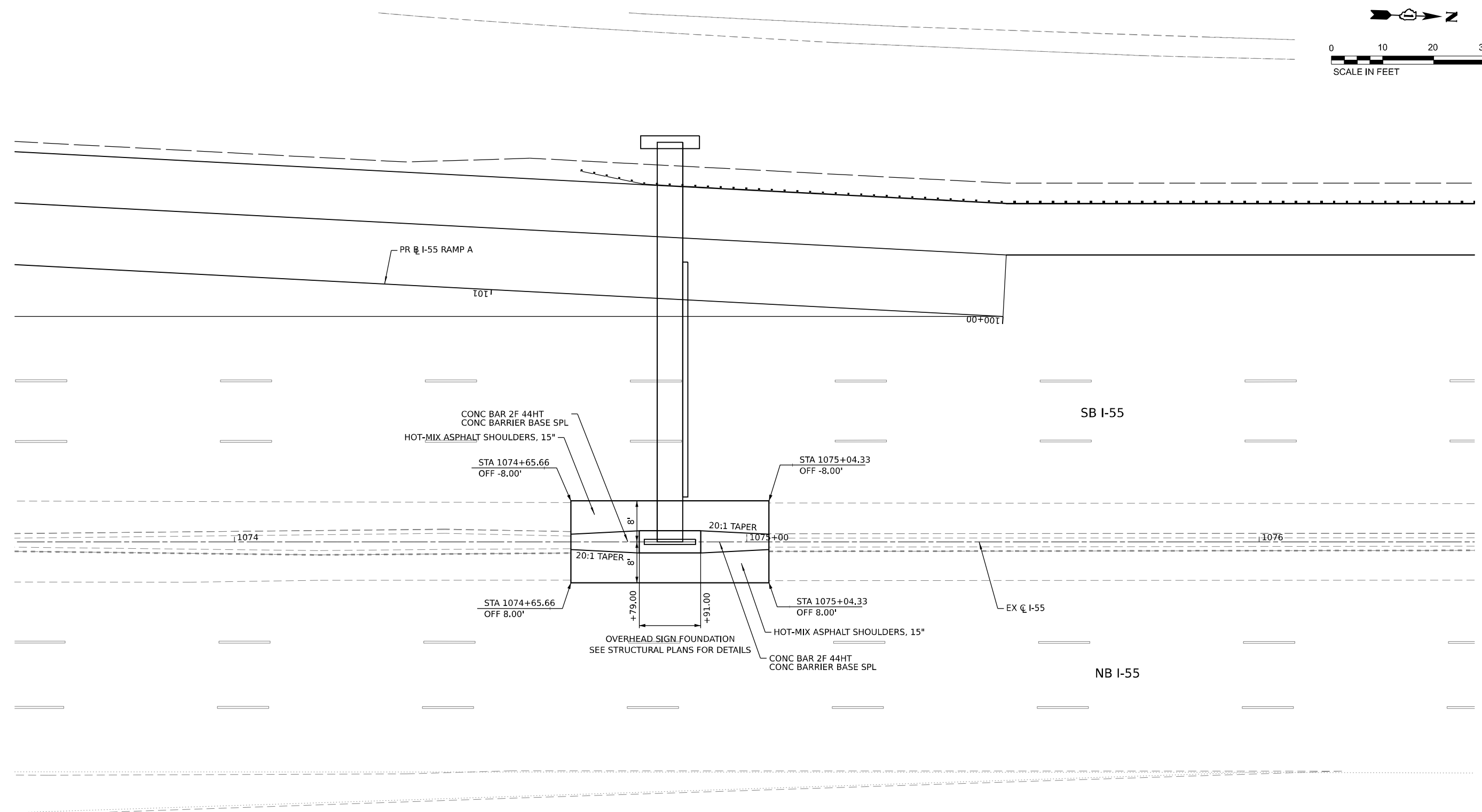
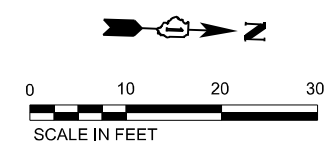
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES
 WALKWAY DETAILS

SHEET 4 OF 4 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	285
ILLINOIS			CONTRACT NO. 62R26	
FED. AID PROJECT				



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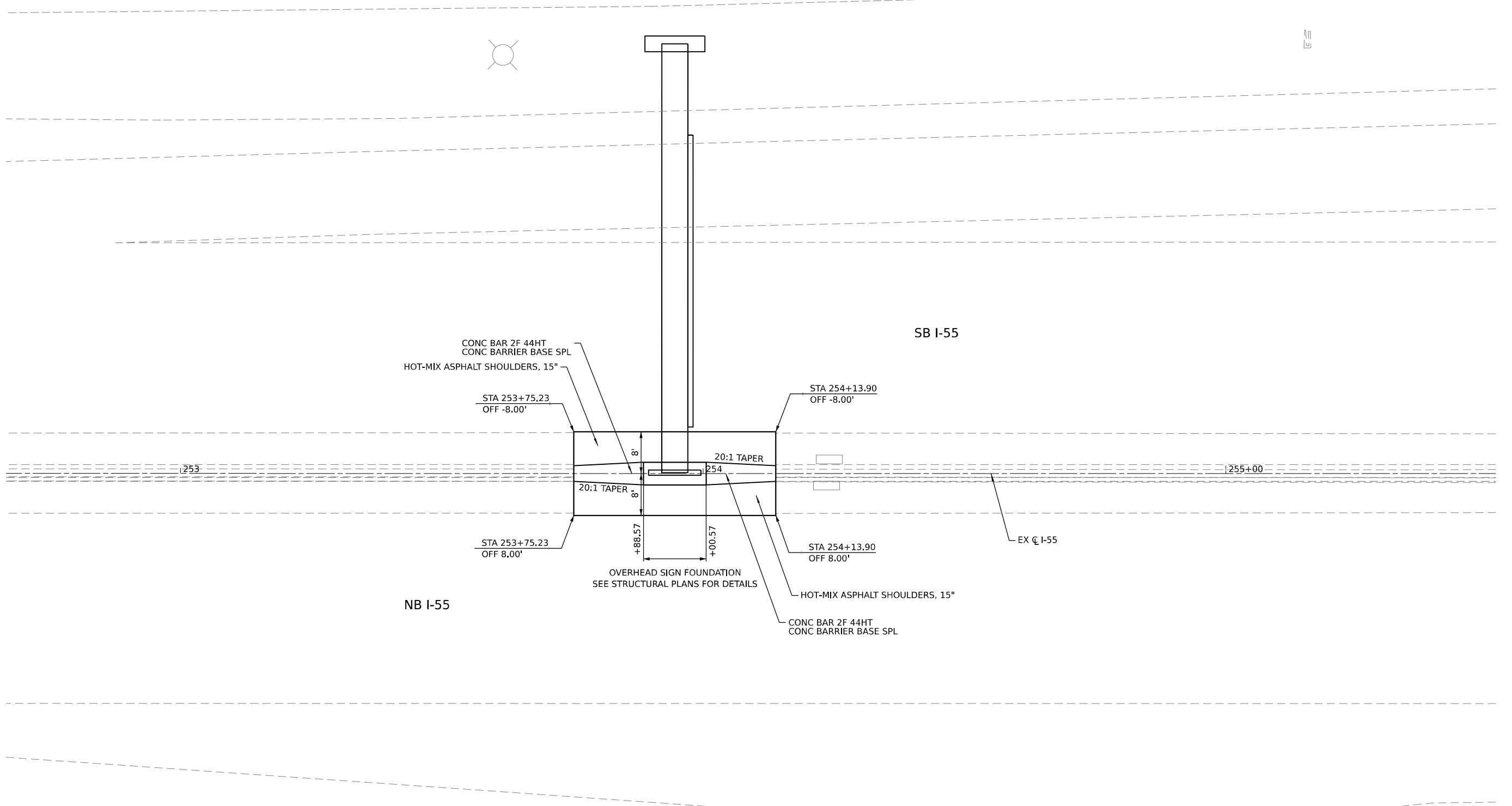
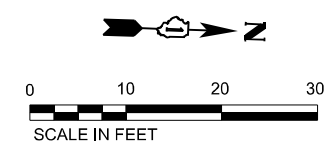
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAIL
I-55 MEDIAN AT SIGN STRUCTURE FOUNDATION

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	287
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				



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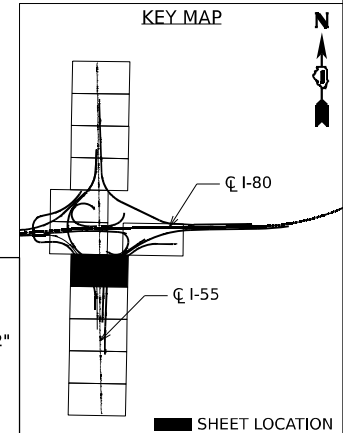
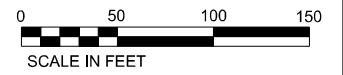
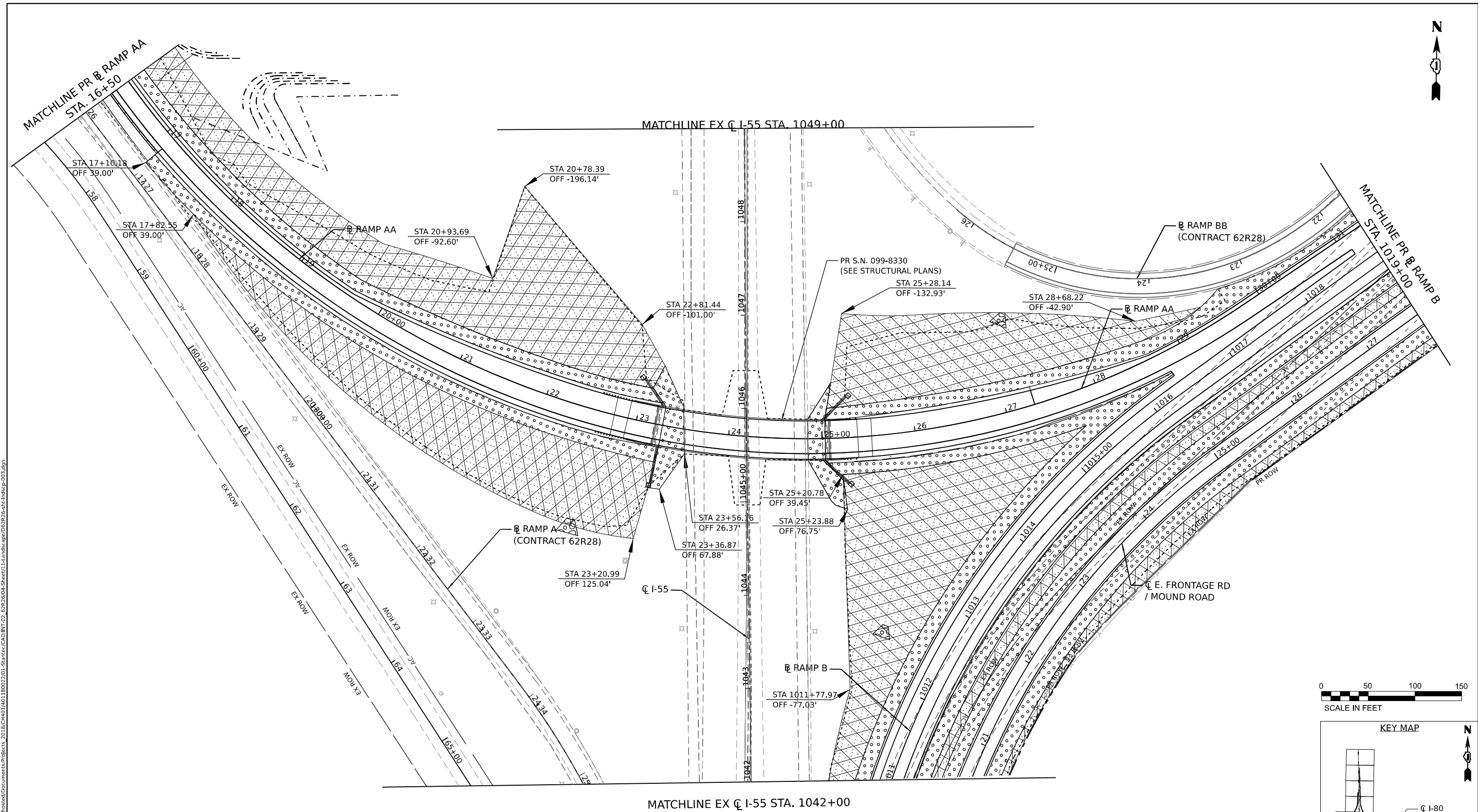
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAIL
I-55 MEDIAN AT SIGN STRUCTURE FOUNDATION

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	289
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				



LEGEND

- SEEDING CLASS 2A
TOPSOIL EXC & PLAC
EROSION CONTROL BLANKET
- SEEDING CLASS 4
TOPSOIL EXC & PLAC
EROSION CONTROL BLANKET
- SEEDING CLASS 4B
TOPSOIL EXC & PLAC
EROSION CONTROL BLANKET
COARSE SAND PLACEMENT, 2"
- SEEDING CLASS 1B
TOPSOIL EXC & PLAC
EROSION CONTROL BLANKET
- CHAIN LINK FENCE, 4'

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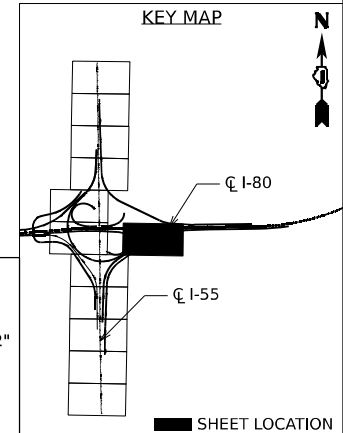
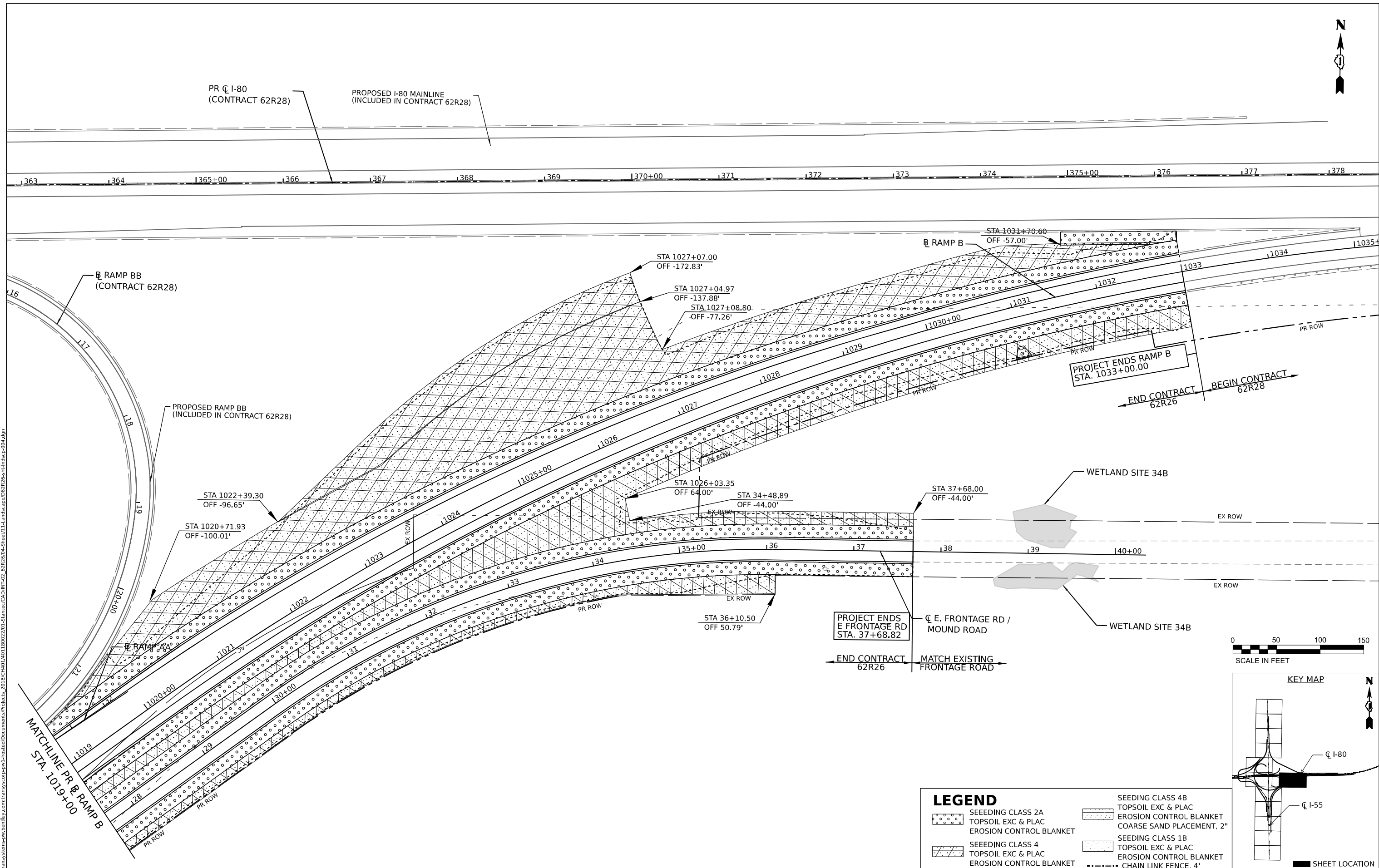
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLANS

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	292
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				



LEGEND	
	SEEDING CLASS 2A
	SEEDING CLASS 4
	SEEDING CLASS 4B
	TOPSOIL EXC & PLAC
	EROSION CONTROL BLANKET
	COARSE SAND PLACEMENT, 2"
	SEEDING CLASS 1B
	CHAIN LINK FENCE, 4'

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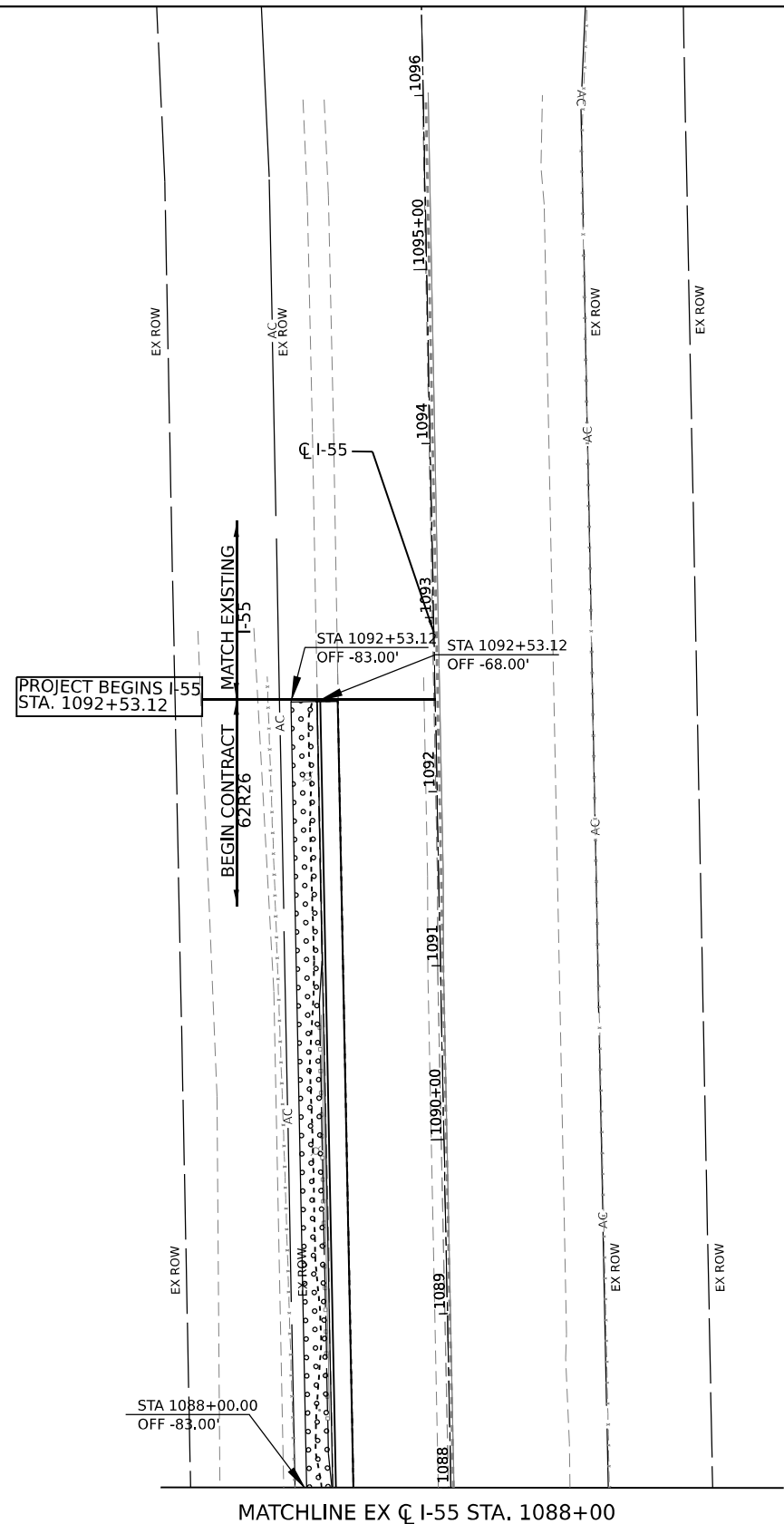
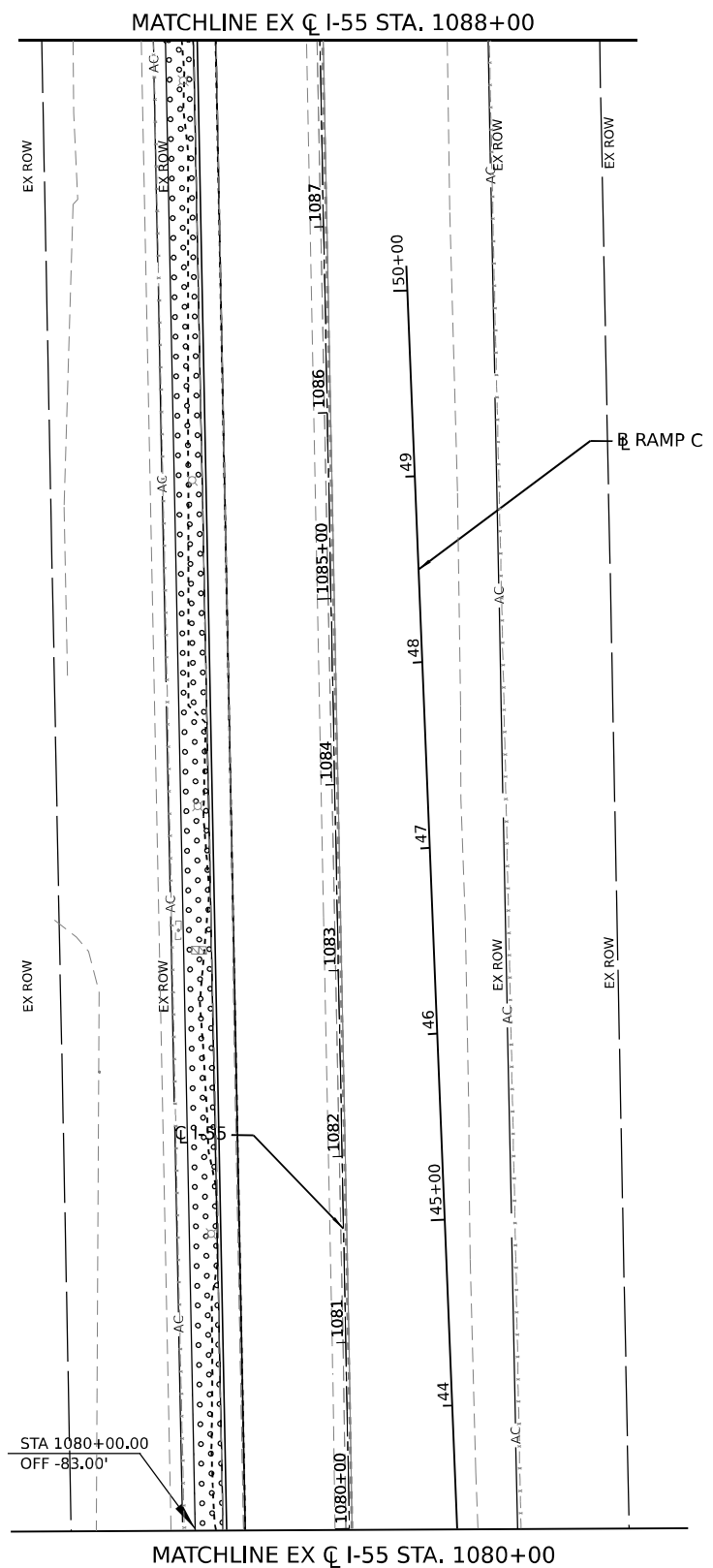
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLANS

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

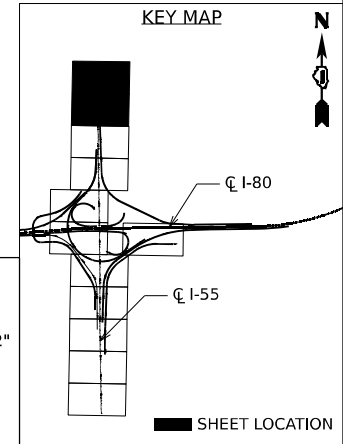
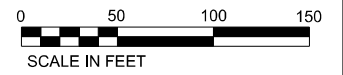
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	293
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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LEGEND

- SEEDING CLASS 2A
TOPSOIL EXC & PLAC
EROSION CONTROL BLANKET
- SEEDING CLASS 4
TOPSOIL EXC & PLAC
EROSION CONTROL BLANKET
- SEEDING CLASS 4B
TOPSOIL EXC & PLAC
EROSION CONTROL BLANKET
COARSE SAND PLACEMENT, 2"
- SEEDING CLASS 1B
TOPSOIL EXC & PLAC
EROSION CONTROL BLANKET
- CHAIN LINK FENCE, 4'



USER NAME = jstrouse	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLANS

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 21 STRUCTURE 5	WILL	525	297
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

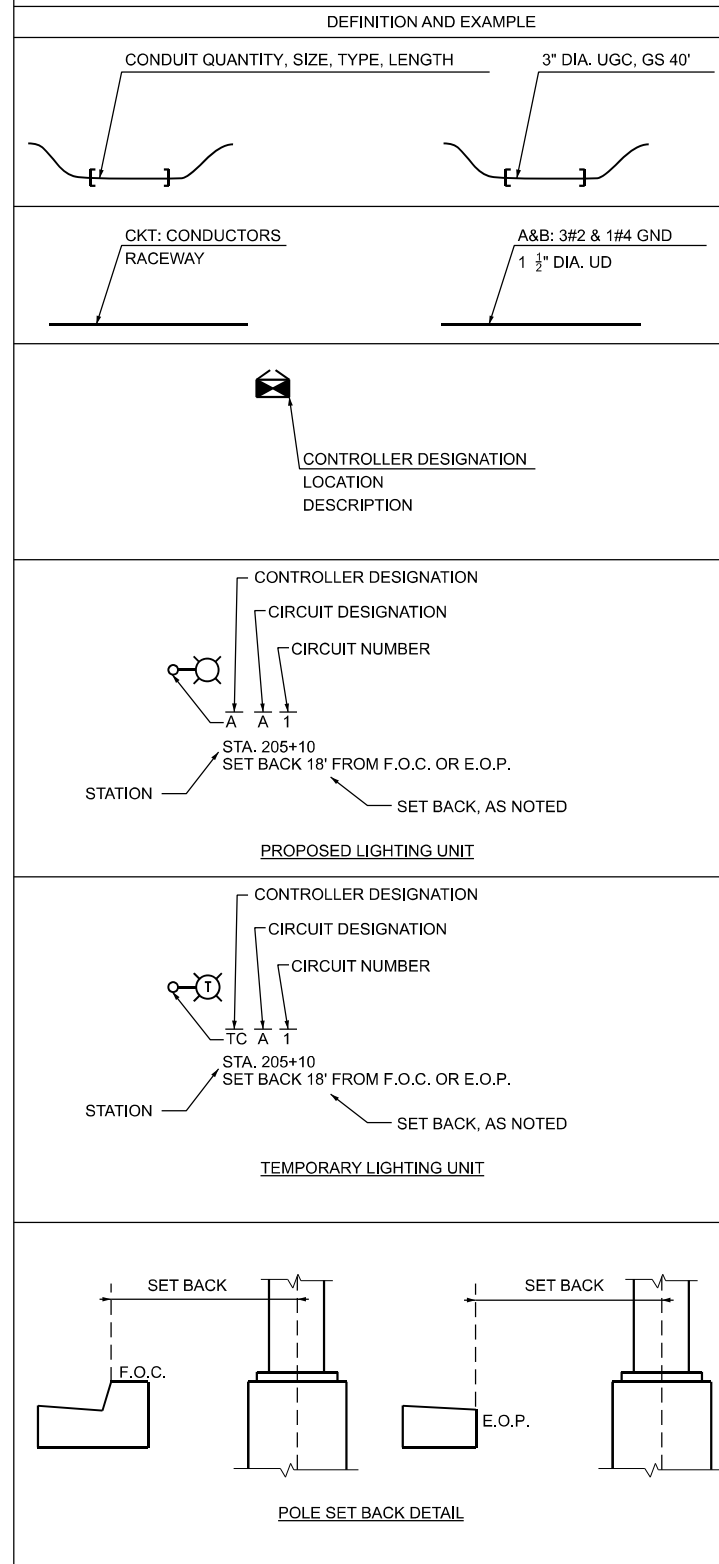
LIGHTING AND ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	EXISTING LIGHTING UNIT TO REMAIN
	EXISTING IDOT LIGHTING UNIT RELOCATED TO NEW FOUNDATION, MOUNTED ON BREAKAWAY DEVICE
	PROPOSED IDOT LIGHTING UNIT MOUNTED ON BREAKAWAY DEVICE, CONCRETE FOUNDATION, 47.5 FT M.H. U.N.O., 15 FT MAST ARM, LUMINAIRE TO BE LED, HORIZONTAL MOUNT, OUTPUT DESIGNATION H (240 VAC) U.N.O.
	PROPOSED IDOT LIGHTING UNIT MOUNTED ON BARRIER WALL, 47.5 FT M.H. U.N.O., 10 FT MAST ARM, LUMINAIRE TO BE LED, HORIZONTAL MOUNT, OUTPUT DESIGNATION H (240 VAC) U.N.O.
	TEMPORARY LIGHTING UNIT, 60 FT WOOD POLE, 15 FT MAST ARM, 50 FT M.H., LED LUMINAIRE, OUTPUT DESIGNATION H, (240 VAC) U.N.O.
	TEMPORARY LIGHTING UNIT, 90 FT WOOD POLE, 15 FT MAST ARM, 75 FT M.H., HIGH MAST LED LUMINAIRE, OUTPUT DESIGNATION K, (240 VAC) U.N.O.
	TEMPORARY WOOD POLE, CLASS 4, 50 FT
	EXISTING TEMPORARY LIGHTING UNIT
	EXISTING TEMPORARY WOOD POLE
	EXISTING LIGHT POLE, MAST ARM, LUMINAIRE, T-BASE AND FOUNDATION TO BE REMOVED, SALVAGED
	PROPOSED JUNCTION BOX, SIZE AND TYPE AS NOTED
	EXISTING LIGHTING CONTROLLER TO BE REMOVED
	EXISTING ELECTRIC UTILITY SERVICE TO BE REMOVED
	ELECTRIC UTILITY SERVICE INSTALLED UNDER CONTRACT 62R28
	LIGHTING CONTROLLER INSTALLED UNDER CONTRACT 62R28
	LIGHTING UNIT INSTALLED UNDER CONTRACT 62R28
	LIGHTING UNIT INSTALLED UNDER CONTRACT 62R28
	LIGHTING UNIT OWNED BY TROY TOWNSHIP INSTALLED UNDER CONTRACT 62R28
	JUNCTION BOX INSTALLED UNDER CONTRACT 62R28
	CONDUIT EMBEDDED IN STRUCTURE INSTALLED UNDER CONTRACT 62R28
	UNIT DUCT INSTALLED UNDER CONTRACT 62R28
	EXISTING UNDERGROUND UNIT DUCT TO BE ABANDONED IN PLACE
	EXISTING UNIT DUCT
	EXISTING UNIT DUCT IN EXISTING UNDERGROUND CONDUIT
	PROPOSED CABLE IN CONDUIT, EMBEDDED IN STRUCTURE, SIZE AND TYPE AS NOTED
	PROPOSED CONDUIT ATTACHED TO STRUCTURE, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED AERIAL CABLE, SIZE AND TYPE AS NOTED
	EXISTING AERIAL CABLE

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
ATS	ATTACHED TO STRUCTURE
B.O.C.	BACK OF CURB
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
COMED	COMMONWEALTH EDISON COMPANY
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
EX.	EXISTING
ECA	ELECTRIC CABLE ASSEMBLY
EIS	EMBEDDED IN STRUCTURE
E.O.P.	EDGE OF PAVEMENT
F.O.C.	FACE OF CURB
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LED	LIGHT EMITTING DIODE
LP	LIGHT POLE
M	METER
MA	MAST ARM
MC	MULTI-CONDUCTOR
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSENGER WIRE
NESC	NATIONAL ELECTRIC SAFETY CODE
NO. #	NUMBER
N.T.S.	NOT TO SCALE
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
T/F	TOP OF FOUNDATION
TWSP	TOWNSHIP
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
VAC	VOLTS, ALTERNATING CURRENT
W	WATTS
WP	WOOD POLE
XFMR	TRANSFORMER
HPS	HIGH PRESSURE SODIUM
LPS	LOW PRESSURE SODIUM
LTFM	LIQUID TIGHT FLEXIBLE METALLIC

CALL-OUT SAMPLE



GENERAL NOTES

- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL CONTACT MEADE ELECTRIC CO. DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES 773-287-7672.

IDOT-D1 STANDARDS:

STANDARD NO.	TITLE
BE-301	LIGHT POLE FOUNDATION 40' TO 47 1/2' M.H. 15" BOLT CIRCLE
BE-400	ALUMINUM LIGHT POLE 47'-6" (14.478 m) MOUNTING HEIGHT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS SHEET A
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-801	TEMPORARY AERIAL CABLE INSTALLATION

IDOT HIGHWAY STANDARDS:

STANDARD NO.	TITLE
812001-01	RACEWAY EMBEDDED IN STRUCTURE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING LEGEND AND GENERAL NOTES

SCALE: SHEET 1 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 INTERCHANGE	WILL	525	298
CONTRACT NO. 62R26				
ILLINOIS FED. AID PROJECT				

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PLOT SCALE = 1,000' / 1 in.	DRAWN - VG	REVISED -
PLOT DATE = 5/31/2024	CHECKED - RP	REVISED -
	DATE - 06/04/2024	REVISED -

ITEM	UNIT	TOTAL QUANTITY
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	350
CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	10
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	860
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	5
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	11,835
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	930
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	2,790
AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	5,440
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	38
LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION K	EACH	9
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 10 FT. MAST ARM	EACH	3
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	35
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	19
LIGHT POLE, WOOD, 90 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	9
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	333
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	37
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	28
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	28
REMOVAL OF POLE FOUNDATION	EACH	28
RELOCATE EXISTING LIGHTING UNIT	EACH	2
REMOVAL OF LIGHTING CONTROLLER	EACH	1
REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1
REMOVE TEMPORARY WOOD POLE	EACH	3
TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	3
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	19
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	38
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12

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USER NAME = vgruskas	DESIGNED - VG	REVISED -
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PLOT DATE = 6/3/2024	CHECKED - RP	REVISED -
	DATE - 06/04/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 INTERCHANGE	WILL	525	299
CONTRACT NO. 62R26				
		ILLINOIS	FED. AID PROJECT	

