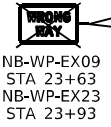


NB-BM-EX21
STA 30+72



NB-WP-EX07A-B
STA 22+18



NB-WP-EX09
STA 23+63
NB-WP-EX23
STA 23+93



NB-WP-EX10
STA 25+65



NB-PM-EX11
STA 26+47



NB-WP-EX12A-C
STA 28+42

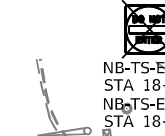
STRUCTURE #:
850601270R005.9



NB-WP-EX22A-B
STA 404+26



NB-PM-EX18
STA 31+36
NB-TS-EX19
STA 31+49



NB-TS-EX01
STA 18+15
NB-TS-EX02
STA 18+15



SB-TS-EX03
STA 17+43

IL-111 (NB)

IL-111 (SB)

STRUCTURE #:
850605111L007.7

REMOVE
EX TRUSS

SB-WP-EX05A-F
STA 21+70



SB-WP-EX13
STA 25+49

STRUCTURE #:
8B0605111R007.4



SB-BM-EX15
STA 29+26

**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

NB - TR - 100

SIGN PANEL NUMBER

MOUNTING TYPE

DIRECTION OF TRAFFIC

NB - NORTHBOUND IL 111

SB - SOUTHBOUND IL 111

WB - WESTBOUND I-270

EB - EASTBOUND I-270

R** - RAMP A-D

NEW SIGN PANEL AND SUPPORT(S)

REMOVE AND REPLACE EX SIGN PANEL

EX LUMINARE TO BE REMOVED

TR - TRUSS

CL - CANTILEVER

PM - POLE MOUNTED

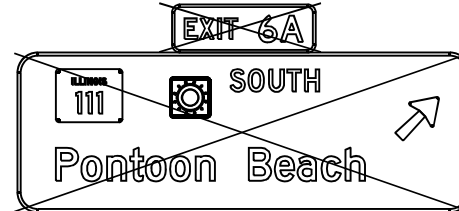
TS - TELESCOPING STEEL POST

WP - WOOD POST

TP - TUBULAR STEEL POST

WF - WIDE FLANGE POST

BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE



WB-TR-EX16A-C
STA 399+20



WB-TS-EX17
STA 397+50

STRUCTURE #:
8C0601270L005.9

I-270 (WB)

I-270 (EB)

MATCHLINE STA 397+00 (SEE SHEET)

MATCHLINE B (SEE SHEET)

MATCHLINE STA 405+00 (SEE SHEET)

MATCHLINE A (SEE SHEET)

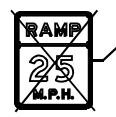
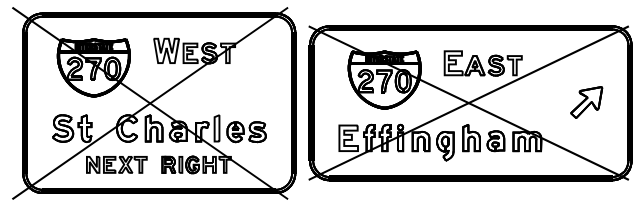
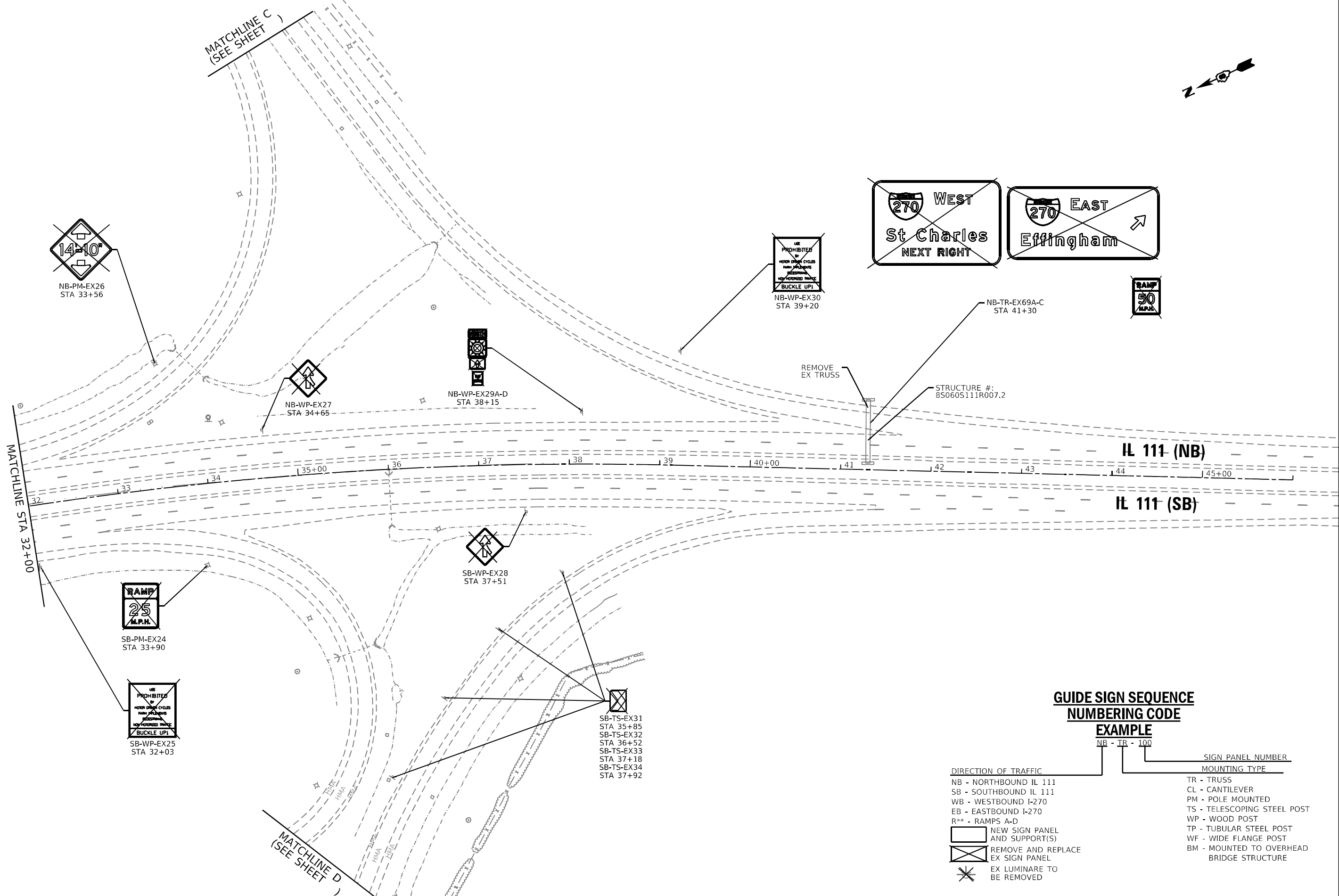
MODEL: \\MODEL\NAMES
FILE: \\MODEL\STYLES

USER NAME = _USER_	DESIGNED - GDO	REVISED -
DRAWN - GDO	REVISED -	
PLOT SCALE = 100,0000' / 1in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN REMOVALS	
IL 111 STA 17+00 TO STA 32+00	
SCALE: 100,0000' / 1" SHEET 1 OF 4 SHEETS	STA. 17+00 TO STA. 32+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	401
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

NB - TR - 100

- | | |
|--|--|
| <p>DIRECTION OF TRAFFIC</p> <ul style="list-style-type: none"> NB - NORTHBOUND IL 111 SB - SOUTHBOUND IL 111 WB - WESTBOUND I-270 EB - EASTBOUND I-270 R** - RAMP A-D <p> NEW SIGN PANEL AND SUPPORT(S)</p> <p> REMOVE AND REPLACE EX SIGN PANEL</p> <p> EX LUMINARE TO BE REMOVED</p> | <p>SIGN PANEL NUMBER</p> <p>MOUNTING TYPE</p> <ul style="list-style-type: none"> TR - TRUSS CL - CANTILEVER PM - POLE MOUNTED TS - TELESCOPING STEEL POST WP - WOOD POST TP - TUBULAR STEEL POST WF - WIDE FLANGE POST BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE |
|--|--|

MODEL: 1400RELENAME
FILE NAME: 27125

USER NAME = _USER_	DESIGNED - GDO	REVISED -
	DRAWN - GDO	REVISED -
PLOT SCALE = 100,0000' / 1in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN REMOVALS	
IL 111 STA 32+00 TO STA 46+00	
SCALE: 100,0000' / 1" SHEET	2 OF 4 SHEETS
STA. 32+00	TO STA. 46+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	402
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

NB - TR - 100

DIRECTION OF TRAFFIC

- NB - NORTHBOUND IL 111
- SB - SOUTHBOUND IL 111
- WB - WESTBOUND I-270
- EB - EASTBOUND I-270
- R** - RAMP A-D

NEW SIGN PANEL AND SUPPORT(S)

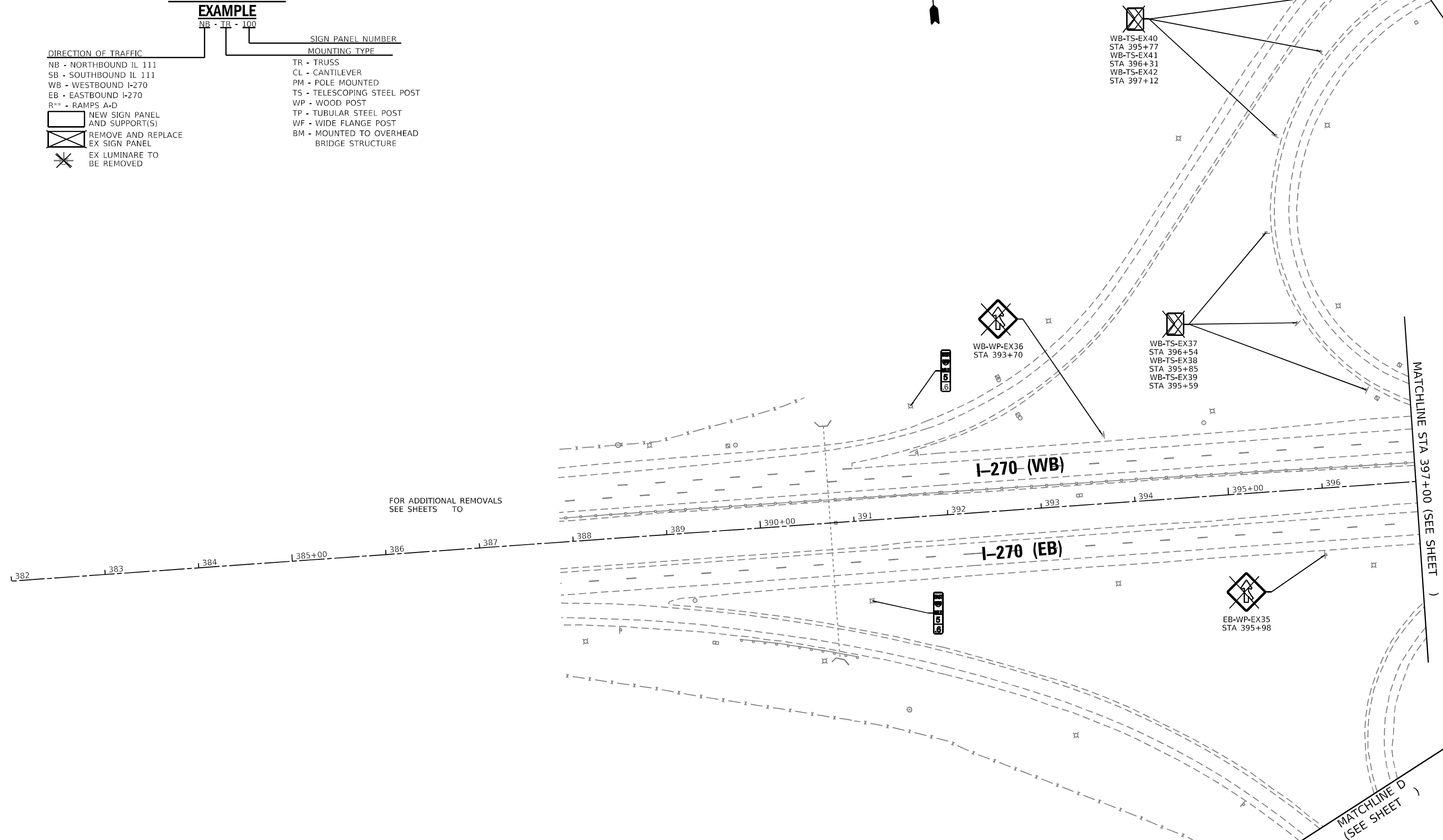
REMOVE AND REPLACE EX SIGN PANEL

EX LUMINARE TO BE REMOVED

SIGN PANEL NUMBER

MOUNTING TYPE

- TR - TRUSS
- CL - CANTILEVER
- PM - POLE MOUNTED
- T5 - TELESCOPING STEEL POST
- WP - WOOD POST
- TP - TUBULAR STEEL POST
- WF - WIDE FLANGE POST
- BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE



MODEL NUMBER/NAME
FILE NAME: SHEETS

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN REMOVALS		
I-270 STA 388+00 TO STA 397+00		
SCALE: 100,0000' / in.	SHEET 3 OF 4 SHEETS	STA. 388+00 TO STA. 397+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	403
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

FOR ADDITIONAL REMOVALS
SEE SHEETS TO

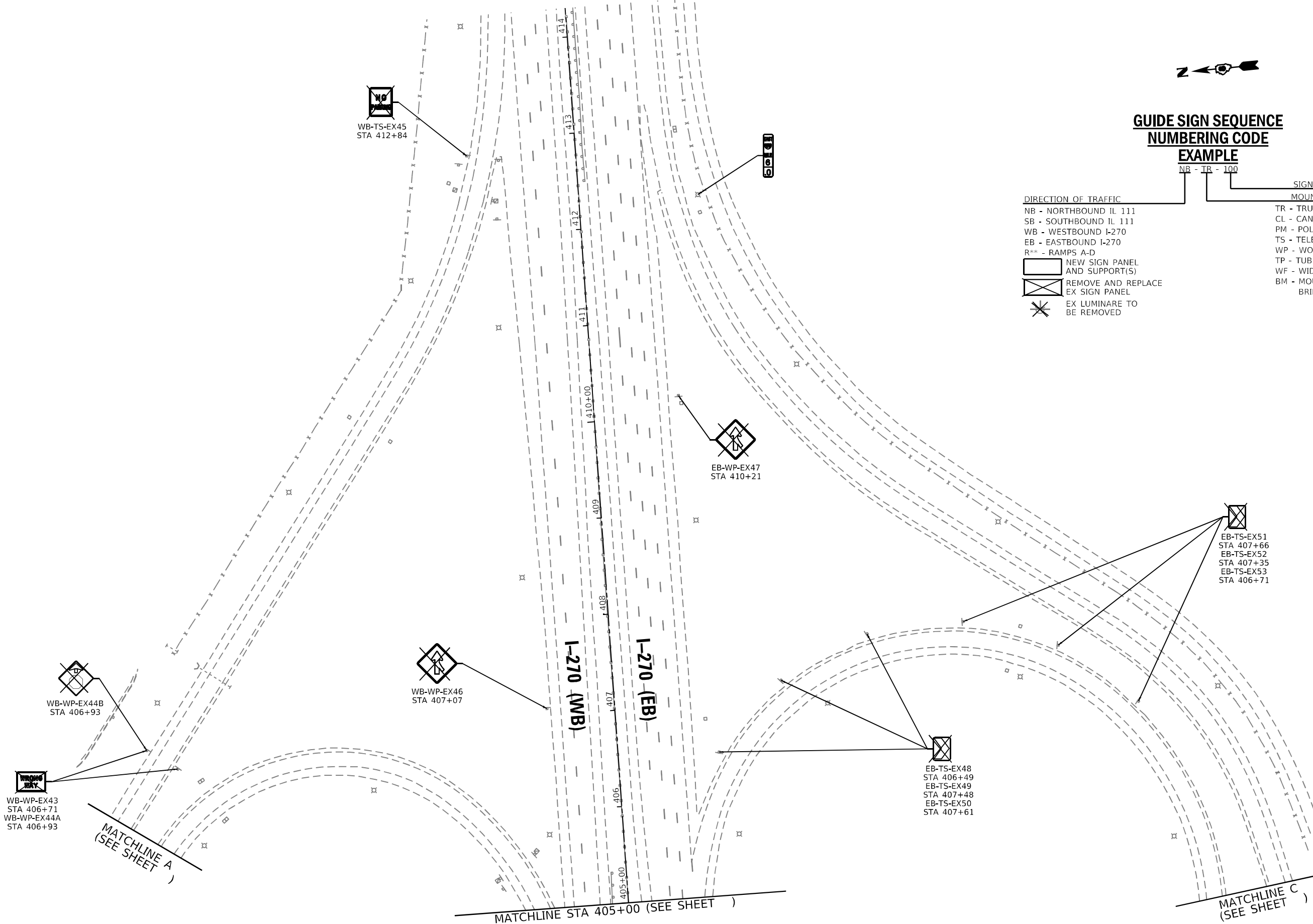


**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

NB - TR - 100

DIRECTION OF TRAFFIC	SIGN PANEL NUMBER	MOUNTING TYPE
NB - NORTHBOUND IL 111		TR - TRUSS
SB - SOUTHBOUND IL 111		CL - CANTILEVER
WB - WESTBOUND I-270		PM - POLE MOUNTED
EB - EASTBOUND I-270		TS - TELESCOPING STEEL POST
R** - RAMPS A-D		WP - WOOD POST
		TP - TUBULAR STEEL POST
		WF - WIDE FLANGE POST
		BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE



MODEL: 1400BELNAMES
FILE: 1400BELNAMES

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN REMOVALS	
I-270 STA 405+00 TO STA 414+00	
SCALE: 100,0000' / in.	SHEET 4 OF 4 SHEETS
STA. 405+00	TO STA. 414+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	404
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

NB - TR - 100

DIRECTION OF TRAFFIC

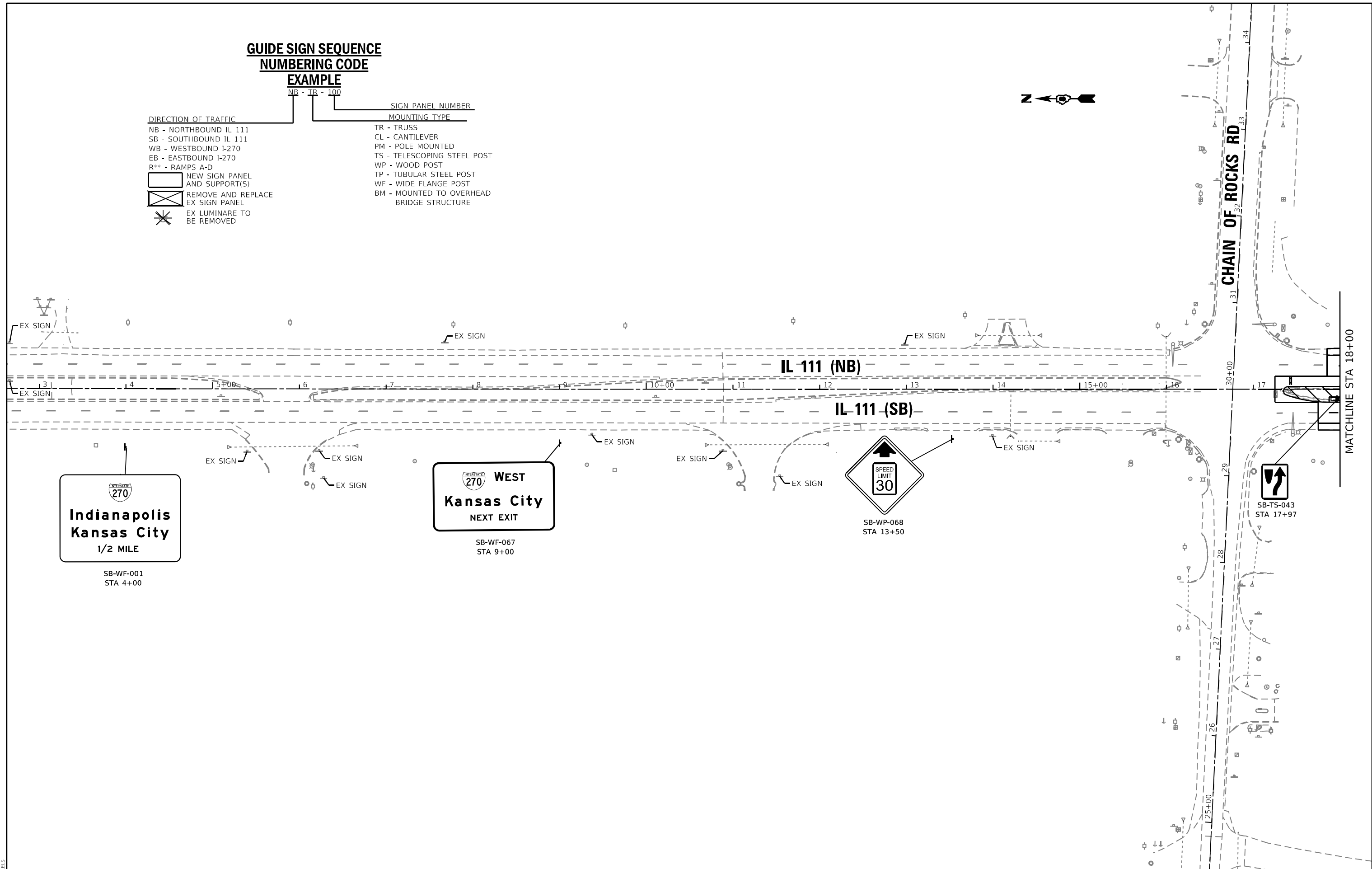
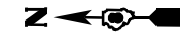
- NB - NORTHBOUND IL 111
- SB - SOUTHBOUND IL 111
- WB - WESTBOUND I-270
- EB - EASTBOUND I-270
- R** - RAMP A-D

-  NEW SIGN PANEL AND SUPPORT(S)
-  REMOVE AND REPLACE EX SIGN PANEL
-  EX LUMINARE TO BE REMOVED

SIGN PANEL NUMBER

MOUNTING TYPE

- TR - TRUSS
- CL - CANTILEVER
- PM - POLE MOUNTED
- TS - TELESCOPING STEEL POST
- WP - WOOD POST
- TP - TUBULAR STEEL POST
- WF - WIDE FLANGE POST
- BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE



MODEL NUMBER/NAME
FILE NAME: STS15

USER NAME = _USER_	DESIGNED - JAV	REVISED -
DRAWN - JAV	REVISIONS -	
PLOT SCALE = 100,0000' / 1in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLANS	
IL 111 STA 3+00 TO STA 18+00	
SCALE: 100,0000' / 1" SHEET	1 OF 10 SHEETS
STA. 3+00	TO STA. 18+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	405
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE
NB - TR - 100

DIRECTION OF TRAFFIC

- NB - NORTHBOUND IL 111
- SB - SOUTHBOUND IL 111
- WB - WESTBOUND I-270
- EB - EASTBOUND I-270
- R** - RAMP A-D

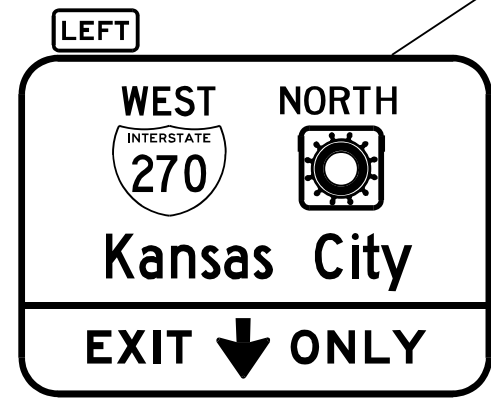
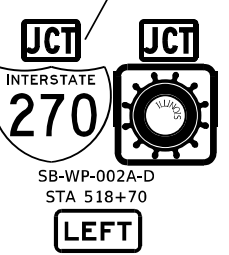
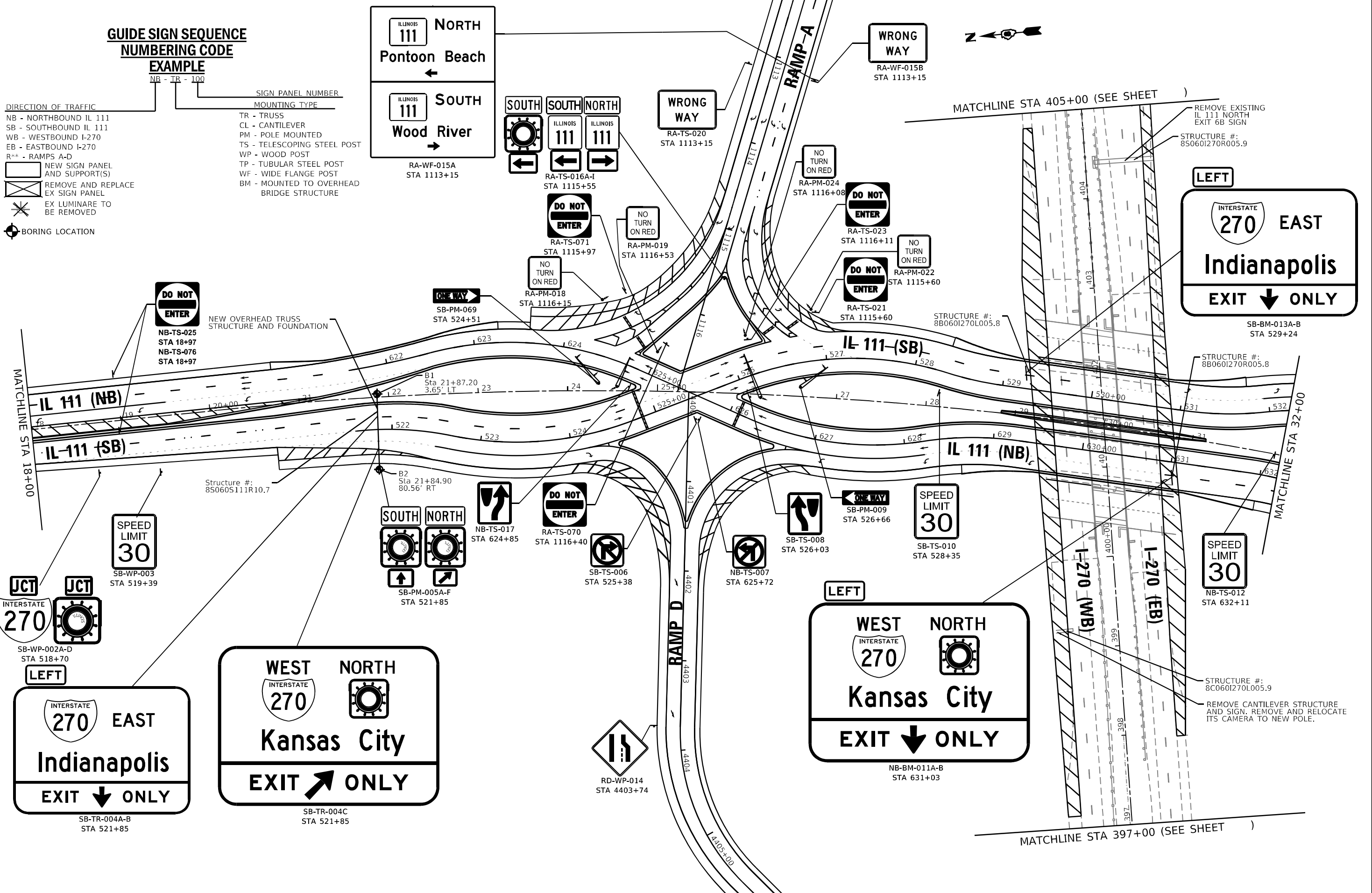
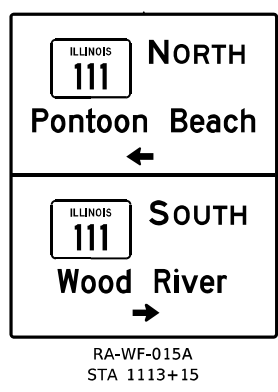
- NEW SIGN PANEL AND SUPPORT(S)
- REMOVE AND REPLACE EX SIGN PANEL
- EX LUMINAIRE TO BE REMOVED

MOUNTING TYPE

- TR - TRUSS
- CL - CANTILEVER
- PM - POLE MOUNTED
- TS - TELESCOPING STEEL POST
- WP - WOOD POST
- TP - TUBULAR STEEL POST
- WF - WIDE FLANGE POST
- BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE



BORING LOCATION



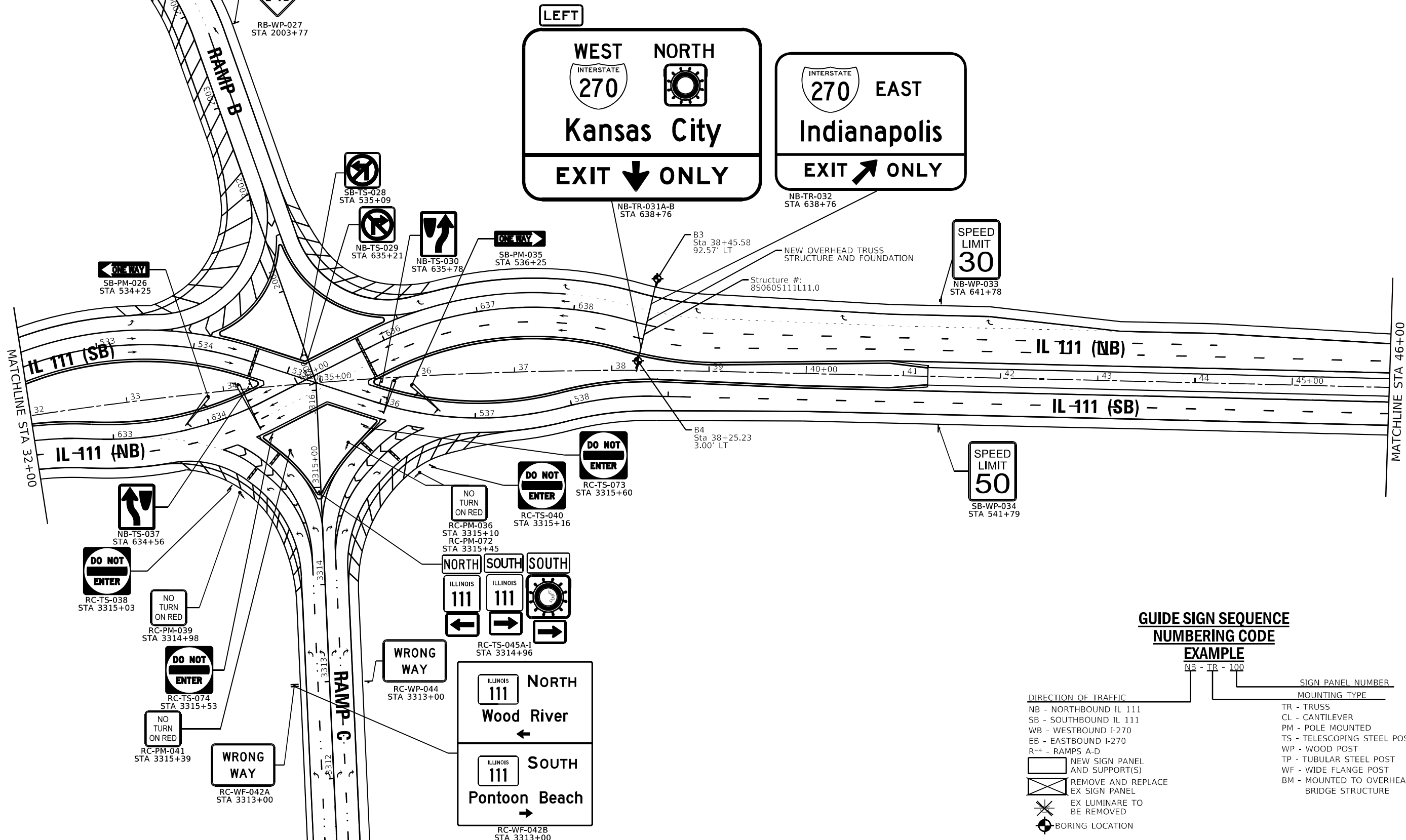
MODEL NUMBER NAMES
FILE NAMES, SHEETS

USER NAME = _USER_	DESIGNED - JAV	REVISED -
DRAWN - JAV	REVISED -	
PLOT SCALE = 100,0000' / 1in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLANS	
IL 111 STA 18+00 TO STA 32+00	
SCALE: 100,0000' / 1" SHEET	2 OF 10 SHEETS
STA. 18+00	TO STA. 32+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	406
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

NB - TR - 100

DIRECTION OF TRAFFIC		SIGN PANEL NUMBER	
		MOUNTING TYPE	
NB - NORTHBOUND IL 111	TR - TRUSS		
SB - SOUTHBOUND IL 111	CL - CANTILEVER		
WB - WESTBOUND I-270	PM - POLE MOUNTED		
EB - EASTBOUND I-270	TS - TELESCOPING STEEL POST		
R+ - RAMP A-D	WP - WOOD POST		
	TP - TUBULAR STEEL POST		
	WF - WIDE FLANGE POST		
	BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE		

	NEW SIGN PANEL AND SUPPORT(S)
	REMOVE AND REPLACE EX SIGN PANEL
	EX LUMINARE TO BE REMOVED
	BORING LOCATION

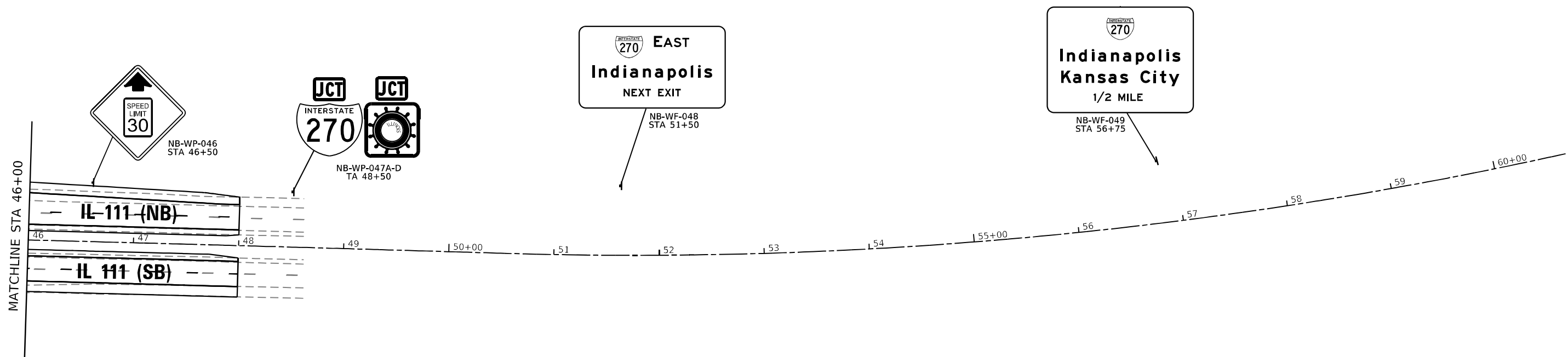
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	DRAWN - JAV	REVISED -
PLOT SCALE = 100,0000' / 1in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLANS		
IL 111 STA 32+00 TO STA 46+00		
SCALE: 100,0000' / 1" SHEET	3 OF 10 SHEETS	STA. 32+00 TO STA. 46+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	407
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

MODEL NUMBER NAMES FILE NAMES SHEETS



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

NB - TR - 100

- | | |
|---|--|
| <p>DIRECTION OF TRAFFIC</p> <ul style="list-style-type: none"> NB - NORTHBOUND IL 111 SB - SOUTHBOUND IL 111 WB - WESTBOUND I-270 EB - EASTBOUND I-270 R** - RAMP(S) A-D <p>NEW SIGN PANEL AND SUPPORT(S)</p> <p>REMOVE AND REPLACE EX SIGN PANEL</p> <p>EX LUMINARE TO BE REMOVED</p> | <p>SIGN PANEL NUMBER</p> <p>MOUNTING TYPE</p> <ul style="list-style-type: none"> TR - TRUSS CL - CANTILEVER PM - POLE MOUNTED TS - TELESCOPING STEEL POST WP - WOOD POST TP - TUBULAR STEEL POST WF - WIDE FLANGE POST BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE |
|---|--|

MODEL NUMBER/NAME
FILE NAME: ST115

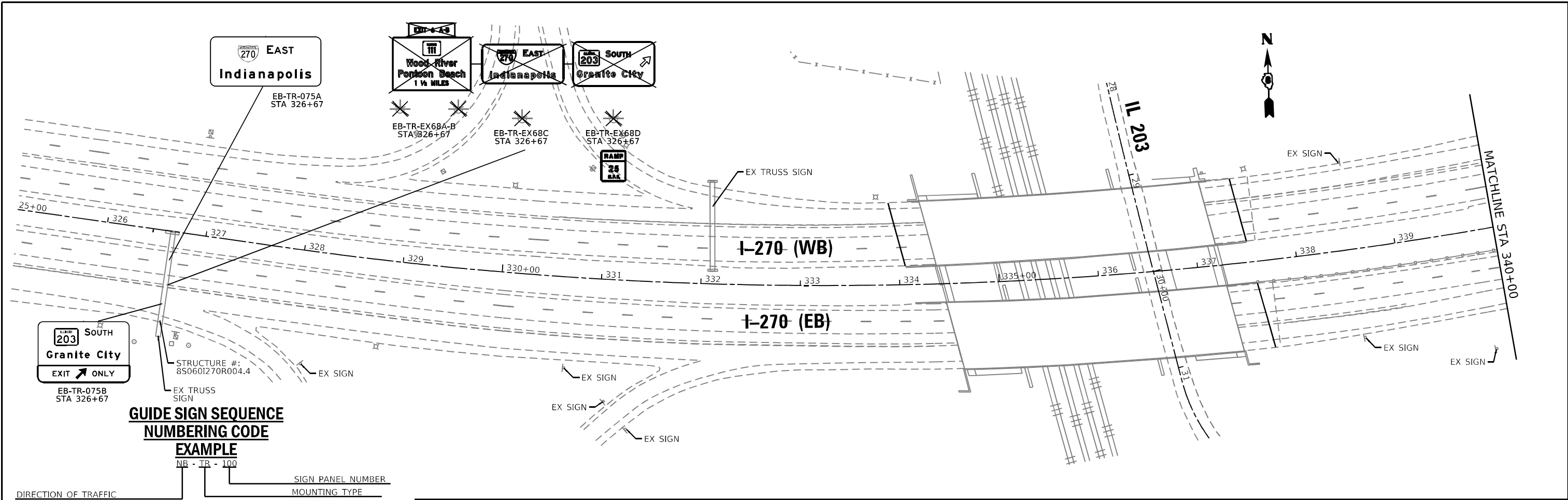
USER NAME = _USER_	DESIGNED - JAV	REVISED -
	DRAWN - JAV	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLANS
IL 111 STA 46+00 TO STA 60+00**

SCALE: 100,0000 ' / in. SHEET 4 OF 10 SHEETS STA. 46+00 TO STA. 60+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	408
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

NB - TR - 100

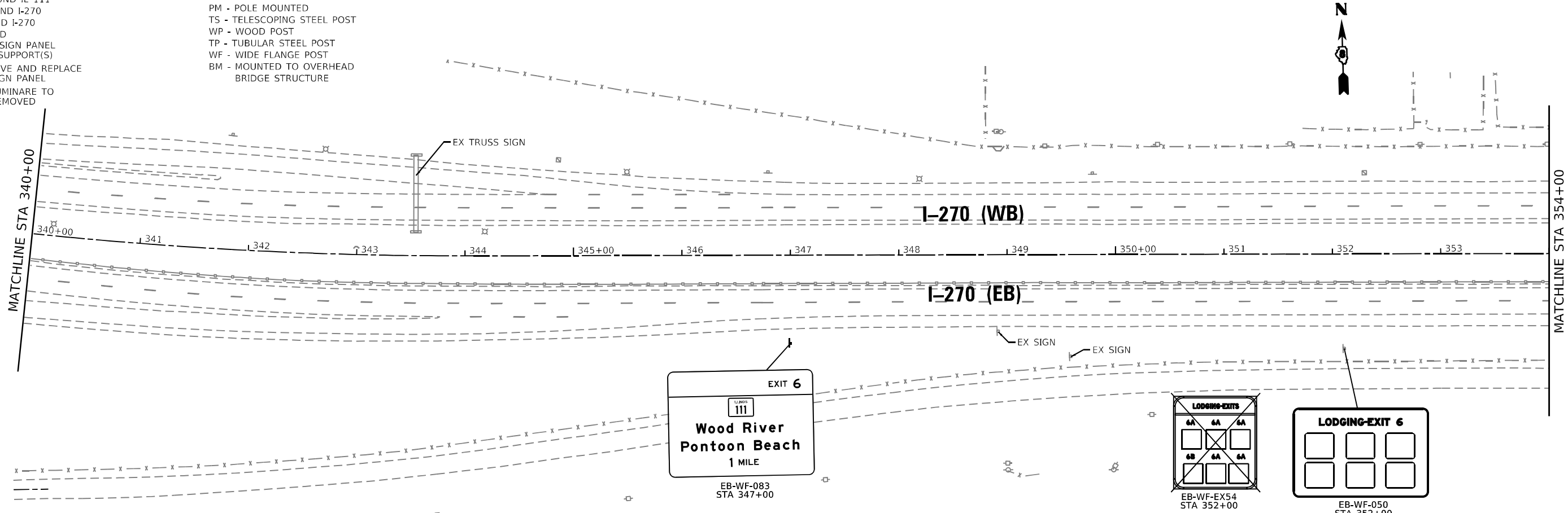
SIGN PANEL NUMBER
MOUNTING TYPE

DIRECTION OF TRAFFIC

- NB - NORTHBOUND IL 111
- SB - SOUTHBOUND IL 111
- WB - WESTBOUND I-270
- EB - EASTBOUND I-270
- R** - RAMP A-D

- NEW SIGN PANEL AND SUPPORT(S)
- REMOVE AND REPLACE EX SIGN PANEL
- EX LUMINARE TO BE REMOVED

- TR - TRUSS
- CL - CANTILEVER
- PM - POLE MOUNTED
- TS - TELESCOPING STEEL POST
- WP - WOOD POST
- TP - TUBULAR STEEL POST
- WF - WIDE FLANGE POST
- BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE



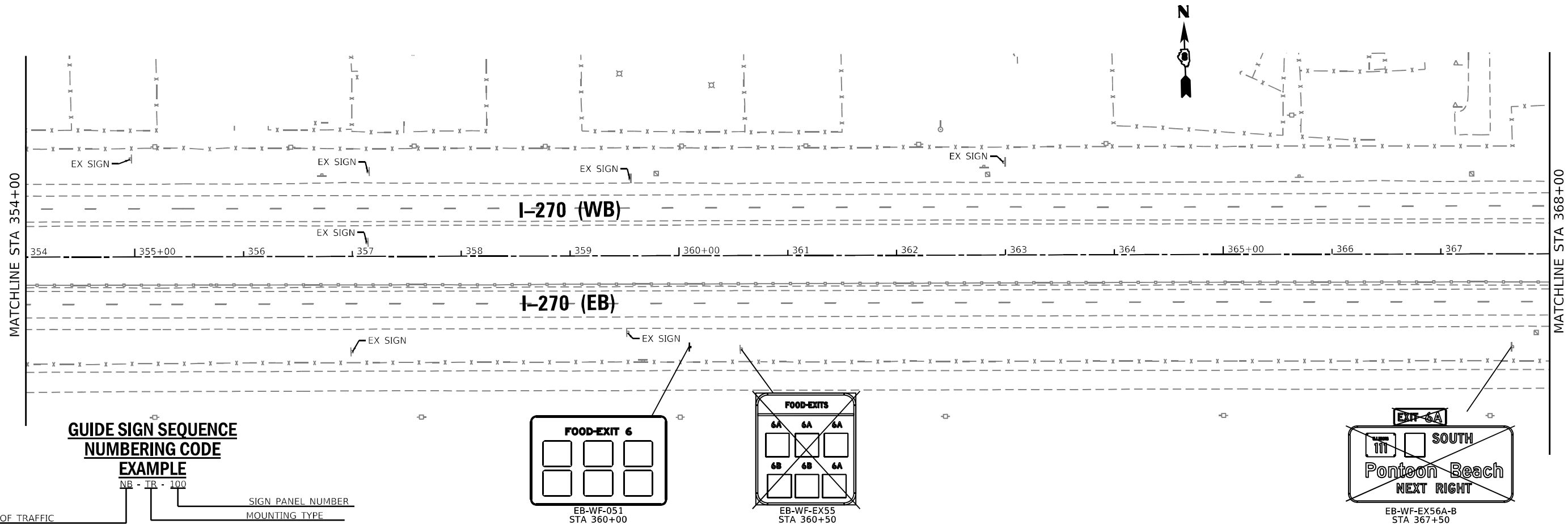
MODEL NUMBER NAMES
FILE NAMES, SHEETS

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLANS	
I-270 STA 326+00 TO STA 354+00	
SCALE: 100,0000' / in.	SHEET 5 OF 10 SHEETS
STA. 326+00	TO STA. 354+00

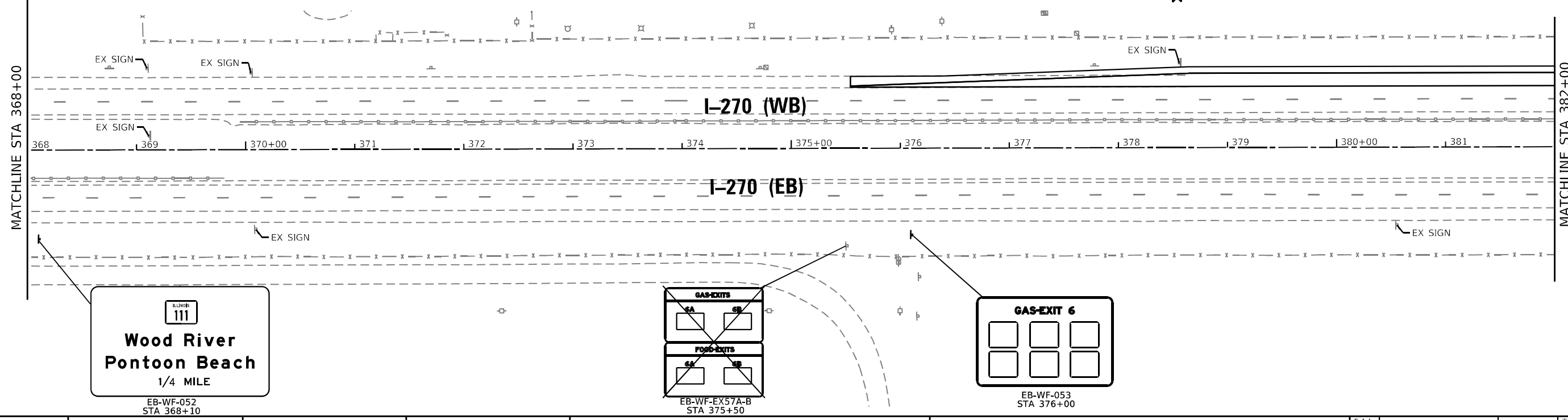
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	409
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



**GUIDE SIGN SEQUENCE
NUMBERING CODE**
EXAMPLE

NB - TR - 100
SIGN PANEL NUMBER
MOUNTING TYPE

- DIRECTION OF TRAFFIC**
 NB - NORTHBOUND IL 111
 SB - SOUTHBOUND IL 111
 WB - WESTBOUND I-270
 EB - EASTBOUND I-270
 R** - RAMP A-D
- MOUNTING TYPE**
 TR - TRUSS
 CL - CANTILEVER
 PM - POLE MOUNTED
 TS - TELESCOPING STEEL POST
 WP - WOOD POST
 TP - TUBULAR STEEL POST
 WF - WIDE FLANGE POST
 BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE
- NEW SIGN PANEL AND SUPPORT(S)**
 REMOVE AND REPLACE EX SIGN PANEL
 EX LUMINARE TO BE REMOVED



MODEL: I-400BELNAMES
FILE NAME: STPLS

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLANS	
I-270 STA 354+00 TO STA 382+00	
SCALE: 100,0000' / in.	SHEET 6 OF 10 SHEETS
STA. 354+00	TO STA. 382+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	410
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

NB - TR - 100

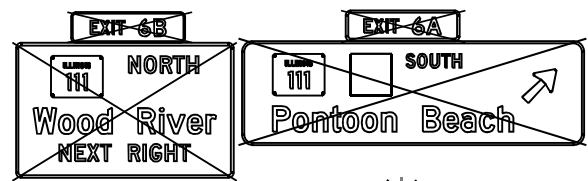
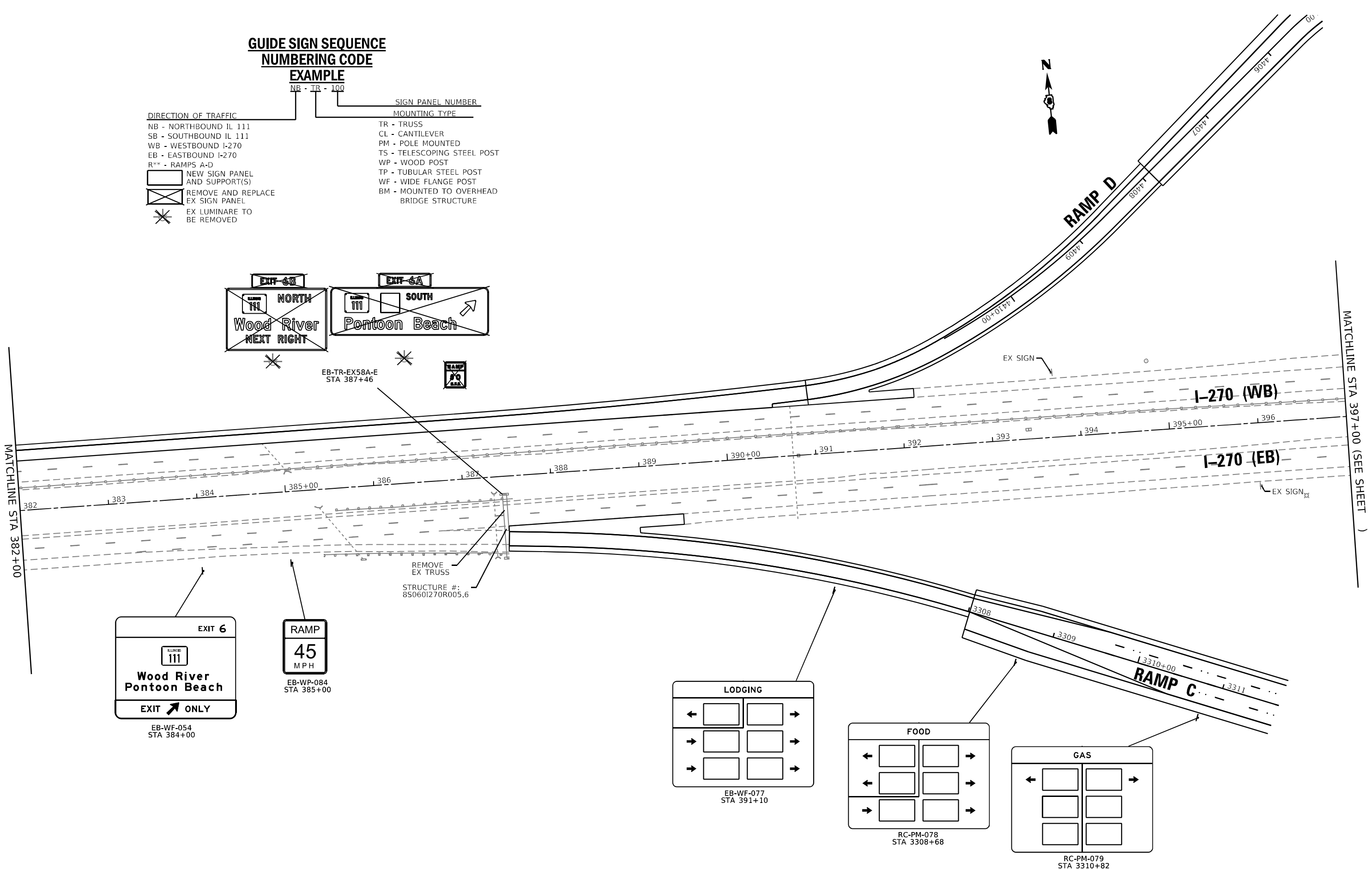
DIRECTION OF TRAFFIC

- NB - NORTHBOUND IL 111
- SB - SOUTHBOUND IL 111
- WB - WESTBOUND I-270
- EB - EASTBOUND I-270
- R** - RAMP A-D

- NEW SIGN PANEL AND SUPPORT(S)
- REMOVE AND REPLACE EX SIGN PANEL
- EX LUMINAIRE TO BE REMOVED

**SIGN PANEL NUMBER
MOUNTING TYPE**

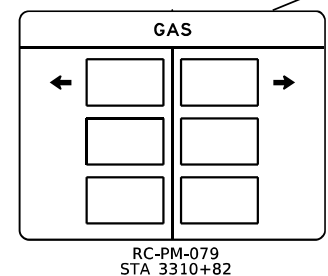
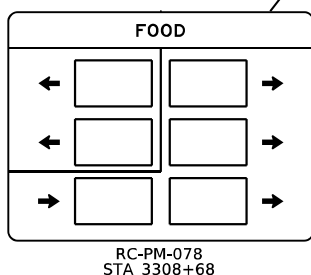
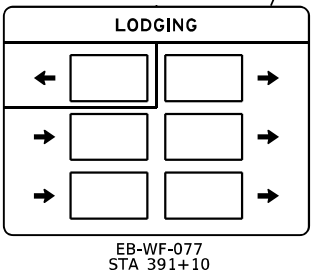
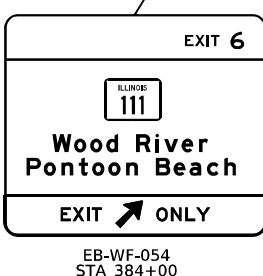
- TR - TRUSS
- CL - CANTILEVER
- PM - POLE MOUNTED
- TS - TELESCOPING STEEL POST
- WP - WOOD POST
- TP - TUBULAR STEEL POST
- WF - WIDE FLANGE POST
- BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE



EB-TR-EX58A-E
STA 387+46



REMOVE
EX TRUSS
STRUCTURE #:
85060I270R005.6



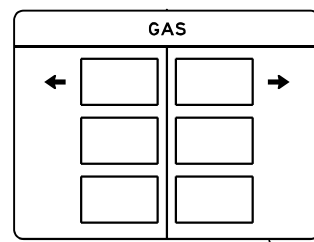
MODEL NUMBER NAMES
FILE NUMBER SHEETS

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

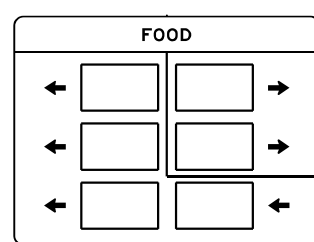
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLANS	
I-270 STA 382+00 TO STA 397+00	
SCALE: 100,0000' / in.	SHEET 7 OF 10 SHEETS
STA. 382+00	TO STA. 397+00

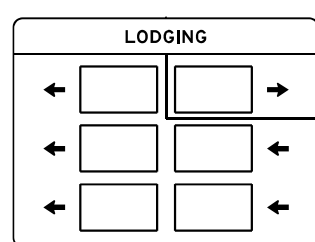
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	411
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	



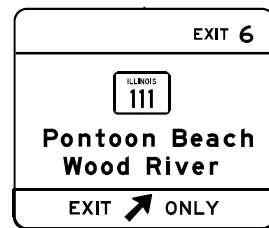
RA-WF-082
STA 1110+91



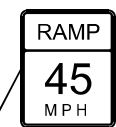
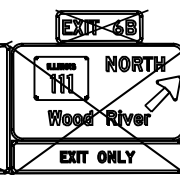
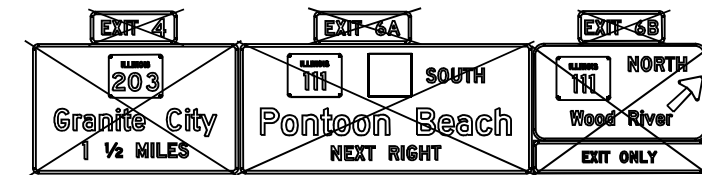
RA-WF-081
STA 1108+77



RA-WF-080
STA 412+08

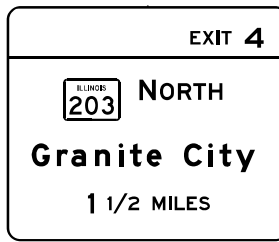


WB-WF-085
STA 414+80



WB-TR-EX59A-G
STA 414+50

WB-TS-086
STA 417+00



WB-WF-056
STA 408+00

STRUCTURE #:
850601270L006.1

REMOVE
EX TRUSS

EX SIGN

MATCHLINE STA 405+00 (SEE SHEET)

MATCHLINE STA 419+00

I-270 (WB)

I-270 (EB)

RAMP B

**GUIDE SIGN SEQUENCE
NUMBERING CODE**

EXAMPLE

NB - TR - 100

- | | |
|----------------------------------|---|
| DIRECTION OF TRAFFIC | SIGN PANEL NUMBER |
| NB - NORTHBOUND IL 111 | TR - TRUSS |
| SB - SOUTHBOUND IL 111 | CL - CANTILEVER |
| WB - WESTBOUND I-270 | PM - POLE MOUNTED |
| EB - EASTBOUND I-270 | TS - TELESCOPING STEEL POST |
| R** - RAMPS A-D | WP - WOOD POST |
| NEW SIGN PANEL AND SUPPORT(S) | TP - TUBULAR STEEL POST |
| REMOVE AND REPLACE EX SIGN PANEL | WF - WIDE FLANGE POST |
| EX LUMINAIRE TO BE REMOVED | BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE |
| BORING LOCATION | |

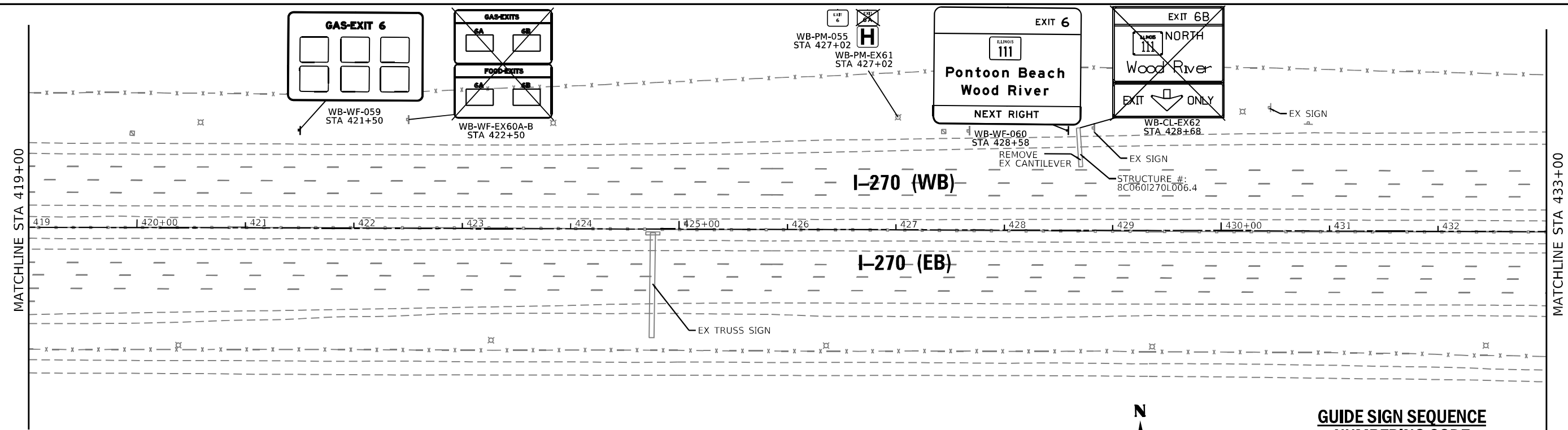
MODEL NUMBER/NAME
FILE NAME: 2115

USER NAME = _USER_	DESIGNED - JAV	REVISED -
	DRAWN - JAV	REVISED -
PLOT SCALE = 100,0000' / 1in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLANS	
I-270 STA 405+00 TO STA 419+00	
SCALE: 100,0000' / 1" SHEET	8 OF 10 SHEETS
STA. 405+00	TO STA. 419+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	412
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



- GUIDE SIGN SEQUENCE NUMBERING CODE**
- EXAMPLE**
NB - TR - 100
- | DIRECTION OF TRAFFIC | SIGN PANEL NUMBER | MOUNTING TYPE |
|------------------------|-------------------|---|
| NB - NORTHBOUND IL 111 | | TR - TRUSS |
| SB - SOUTHBOUND IL 111 | | CL - CANTILEVER |
| WB - WESTBOUND I-270 | | PM - POLE MOUNTED |
| EB - EASTBOUND I-270 | | TS - TELESCOPING STEEL POST |
| R** - RAMP A-D | | WP - WOOD POST |
| | | TP - TUBULAR STEEL POST |
| | | WF - WIDE FLANGE POST |
| | | BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE |
- NEW SIGN PANEL AND SUPPORT(S)
 - REMOVE AND REPLACE EX SIGN PANEL
 - EX LUMINAIRE TO BE REMOVED

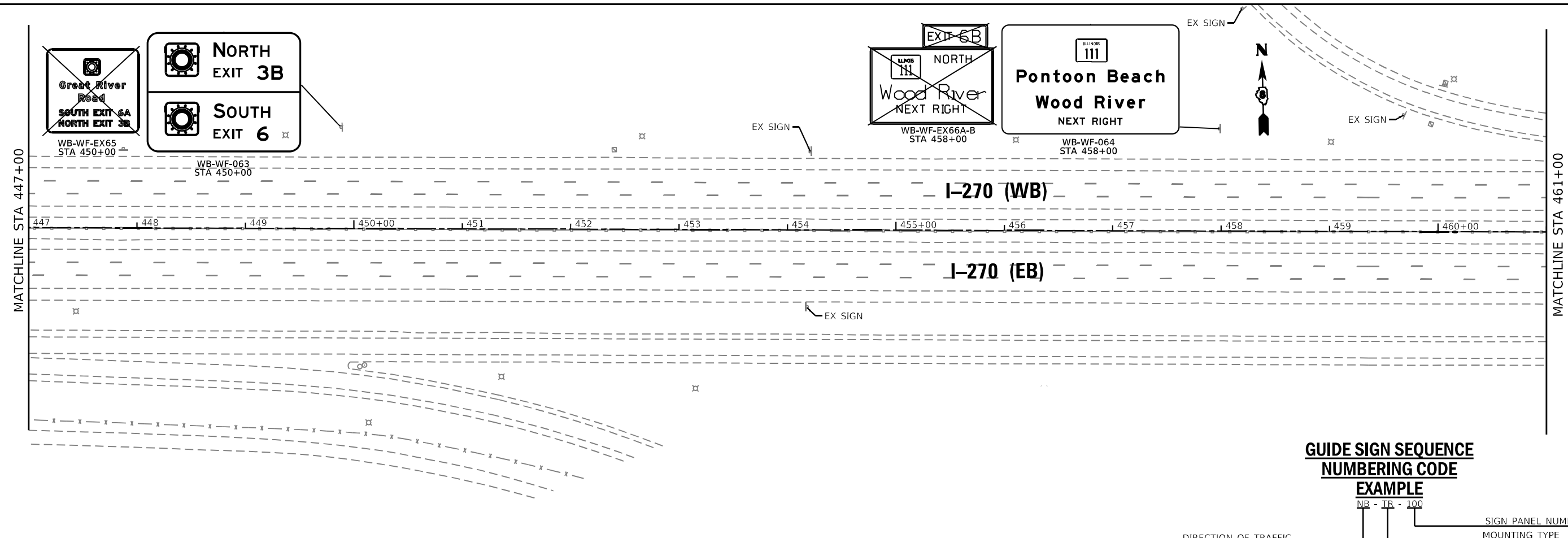
MODEL NUMBER/NAME
FILE NAME: STS15

USER NAME = _USER_	DESIGNED - JAV	REVISED -
DRAWN - JAV	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLANS	
I-270 STA 419+00 TO STA 447+00	
SCALE: 100,0000' / in.	SHEET 9 OF 10 SHEETS
STA. 419+00	TO STA. 447+00

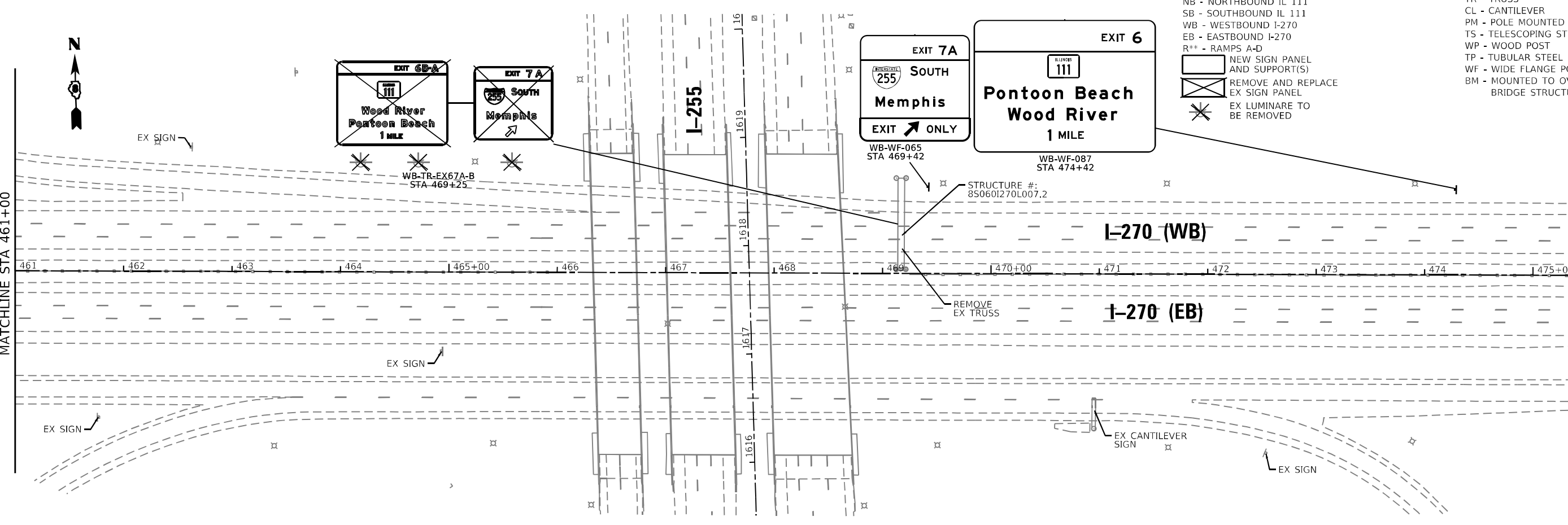
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	413
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



GUIDE SIGN SEQUENCE NUMBERING CODE EXAMPLE

NB - IR - 100

DIRECTION OF TRAFFIC	SIGN PANEL NUMBER	MOUNTING TYPE
NB - NORTHBOUND IL 111	IR - 100	TR - TRUSS
SB - SOUTHBOUND IL 111		CL - CANTILEVER
WB - WESTBOUND I-270		PM - POLE MOUNTED
EB - EASTBOUND I-270		TS - TELESCOPING STEEL POST
R** - RAMP A-D		WP - WOOD POST
		TP - TUBULAR STEEL POST
		WF - WIDE FLANGE POST
		BM - MOUNTED TO OVERHEAD BRIDGE STRUCTURE



MODEL: I:\MODELS\MADISONS
FILE: MADISONS_SIGNING_SHEETS

USER NAME = _USER_	DESIGNED - JAV	REVISED -
DRAWN - JAV	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

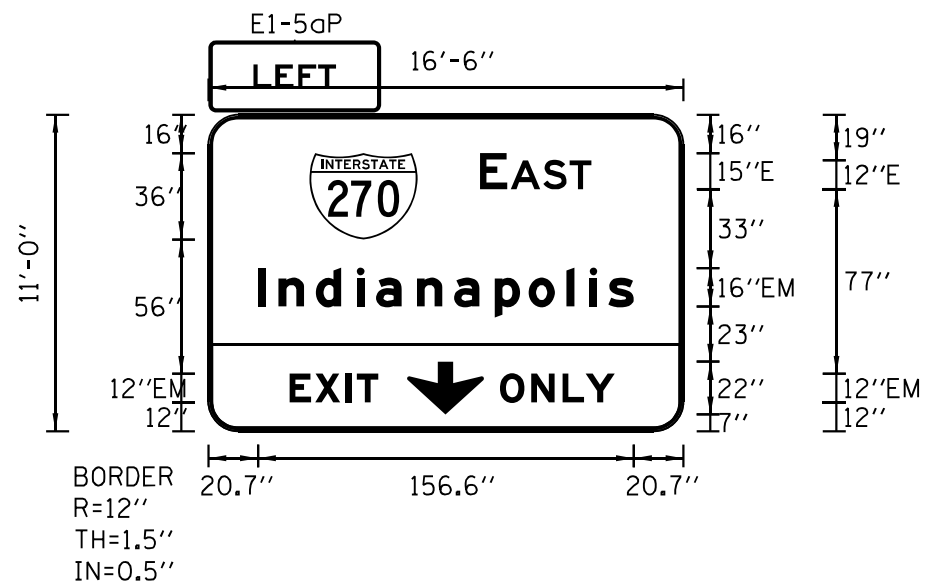
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLANS	
I-270 STA 447+00 TO STA 475+00	
SCALE: 100,0000' / in.	SHEET 10 OF 10 SHEETS
STA. 447+00	TO STA. 475+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	414
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL

1:75



SB-TR-004A-B
STA 521+85

SB-BM-013A-B
STA 529+24

SIGN NUMBER	Overhead - Lane Drop
WIDTH x HGHT.	16'-6" x 11'-0"
BORDER WIDTH	1.75"
CORNER RADIUS	3.25"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Yellow
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/White/White

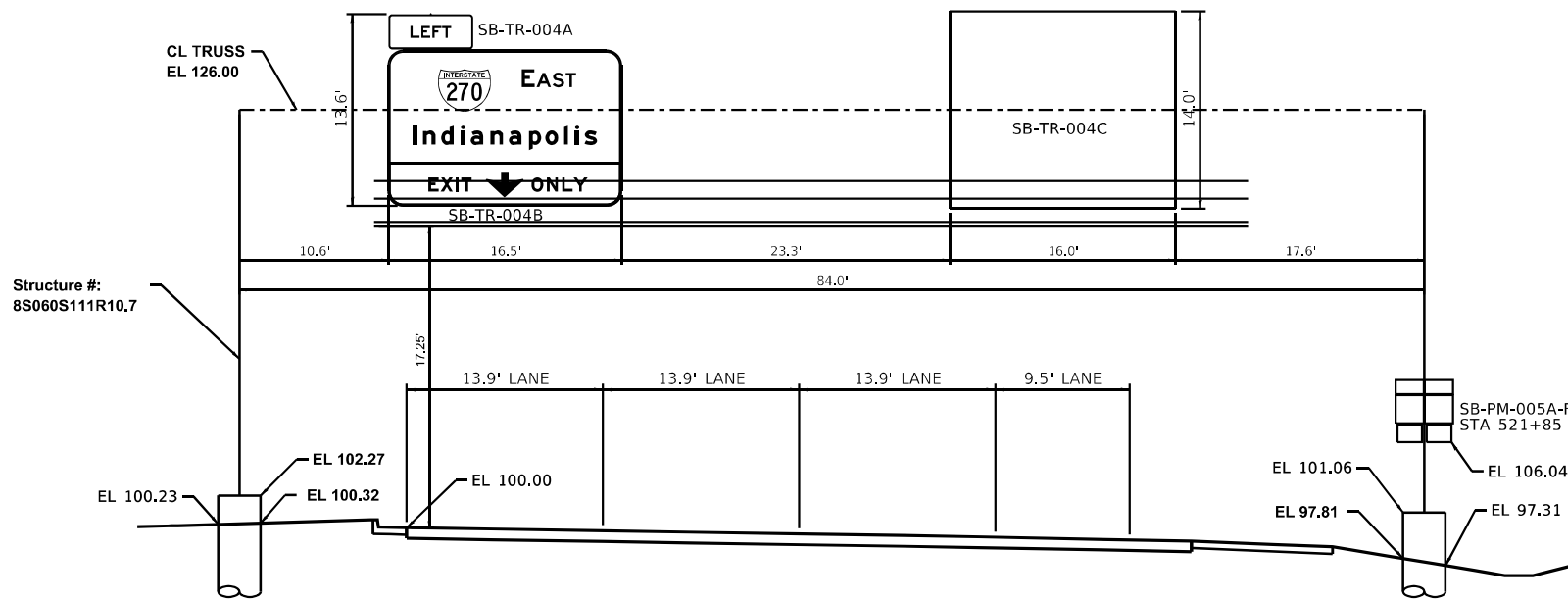
SYMBOL	ROT	X	Y	WID	HT
	0	18.5	162.5	34.3	15
M1_1	0	42.1	80	45	36
ARDDOWN	0	82.8	7	32	22

Panel Style: IDOT EXIT ONLY.ssi
Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																LENGTH	SERIESSIZE
L	E	F	T													34.5	E 2000
18.8	28	37.5	45.8														10
E	A	S	T													46.4	E 2000
113.2	126	139.6	150.6														15,12
I	n	d	i	a	n	a	p	o	l	i	s					156.6	EM 2000
20.7	29.3	44.8	61.8	70	86.9	102.4	119.4	133.5	149.3	158.9	166.8						1612
E	X	I	T													37	EM 2000
33.9	44.5	57.4	62														12
O	N	L	Y													47.8	EM 2000
121.6	134.6	147.6	157.2														12



MODEL: 44081ENR1M1ES
FILE: 44081ENR1M1ES

USER NAME = _USER_	DESIGNED - JAV	REVISED -
DRAWN - JAV	REVISED -	
PLOT SCALE = 2,0000 ' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS

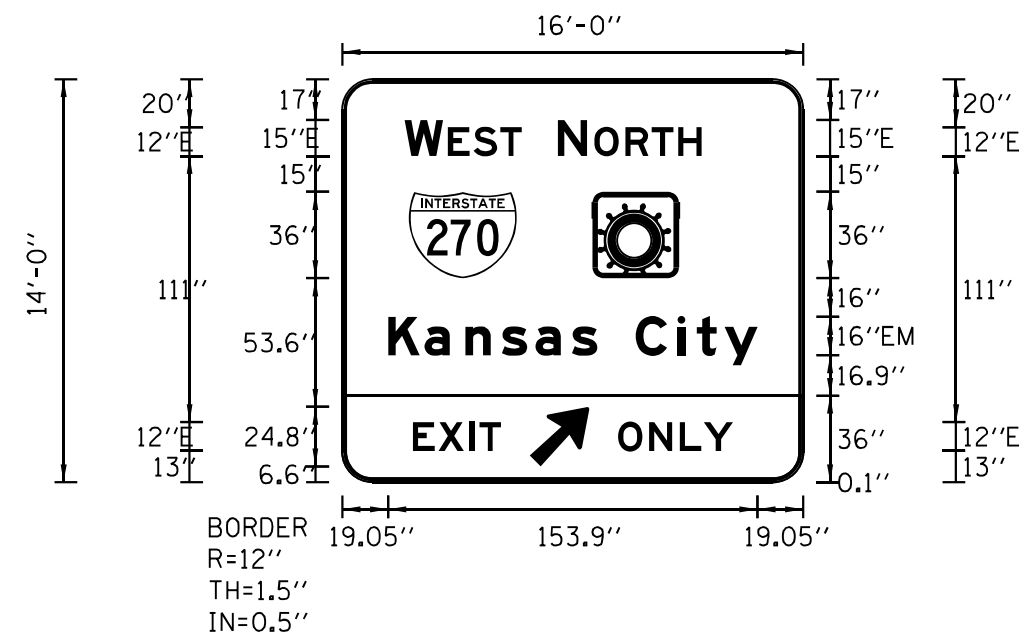
SCALE: 2,0000 ' / in. SHEET 1 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	415
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:75

SB-TR-004C
STA 521+85

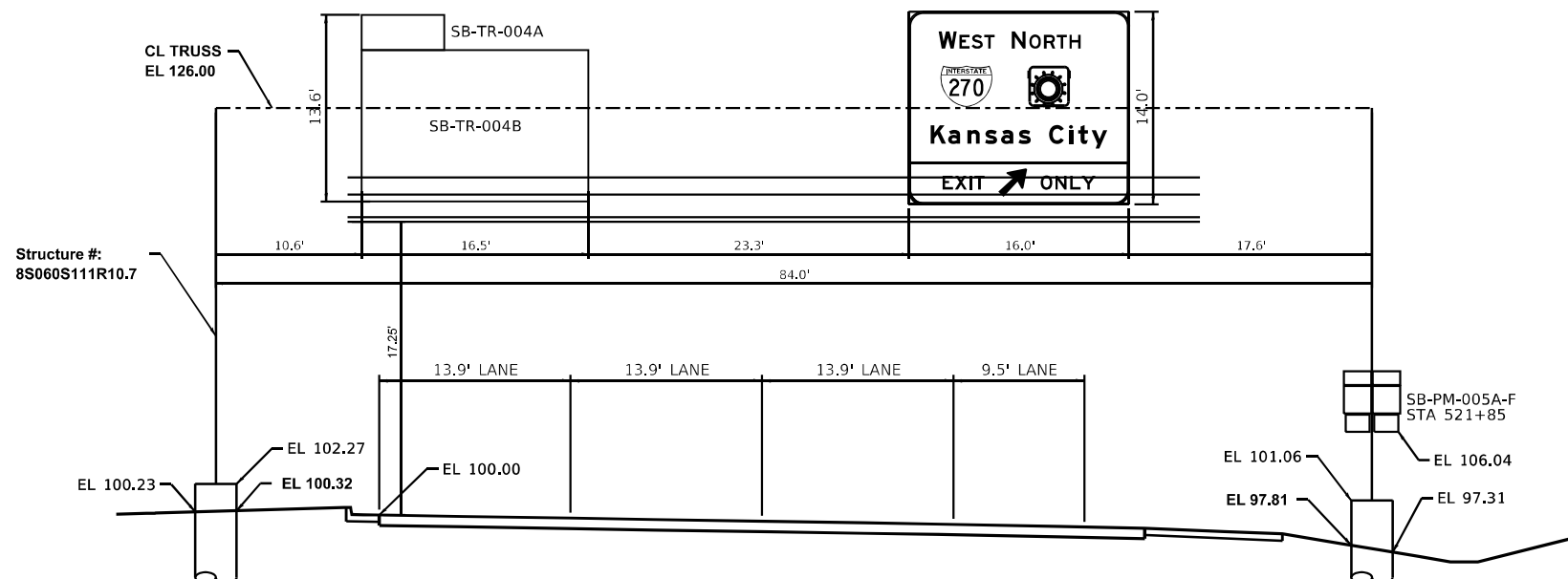


SIGN NUMBER	OH (Right Exit - 1 Lane)
WIDTH x HGHT.	16'-0" x 14'-0"
BORDER WIDTH	1.5"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: BlackWhiteWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	27.7	85	45	36
XM_2	0	104.3	85	36	36
AR_Type A	315	78	6.6	20	31.5

LETTER POSITIONS (X)

W	E	S	T																	LENGTH	SERIES SIZE	
26	44	54.7	65.7																	48.8	E 2000 15,12	
89.7	105	117.9	128.9	140																	60	E 2000 15,12
19	34.2	51.2	66.4	80.5	95.7	106.2	122.2	139.7	147.7	159.4											153.9	EM 2000 16/12
29.4	40.1	52.9	57.1																	36.7	E 2000 12	
114.9	127.8	140.6	150.6																	47.9	E 2000 12	



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS

USER NAME = _USER_	DESIGNED - JAV	REVISED -
	DRAWN - JAV	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

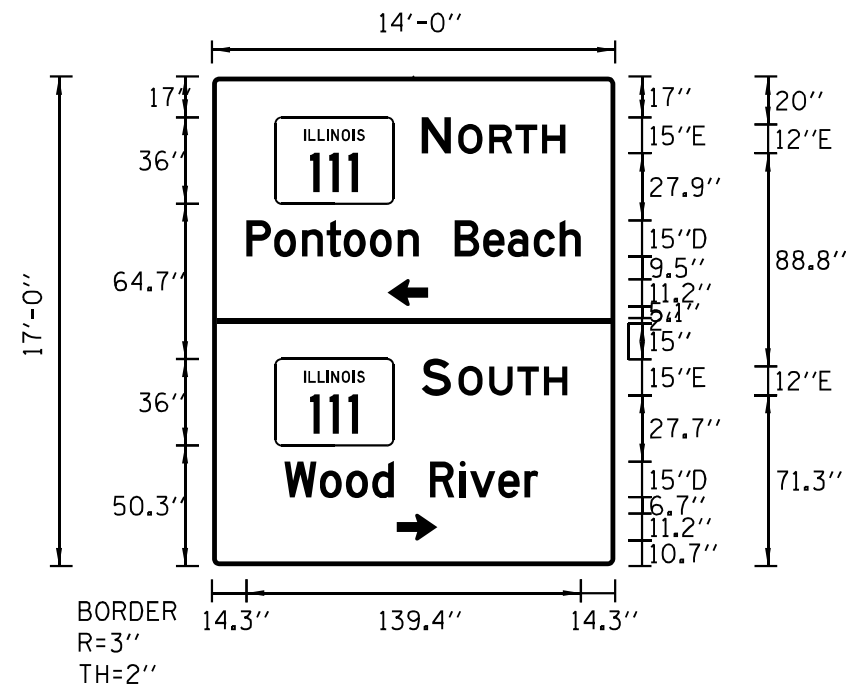
SCALE: 2,0000 ' / in. SHEET 2 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	416
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:75

RA-WF-015A
STA 1113+15



SIGN NUMBER	D1-2 (2 Dest - Arrows LR)
WIDTH x HGHT.	14'-0" x 17'-0"
BORDER WIDTH	2"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1-I100A-3-22-I100		26.4	151	49.1	36
AR_Type D	90	73.2	108.4	11.2	16.9
M1-I100A-3-22-I100		26.5	50.3	49.1	36
AR_Type D	270	77	10.6	11.2	16.9

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

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																				LENGTH	SERIES/SIZE	
N	O	R	T	H																	59.9	E 2000 15,12
87.3	102.6	115.4	126.5	137.5																	139.4	D 2000 15/11.3
P	o	n	t	o	o	n		B	e	a	c	h									139.4	D 2000 15/11.3
14.3	25.9	37.4	47.8	54.8	65.8	77.3	86.2	101.2	113	123.2	134	144.8									60.7	E 2000 15,12
S	O	U	T	H																	105.8	D 2000 15/11.3
87.3	102.7	115.5	127.3	138.3																		
W	o	o	d		R	i	v	e	r													
30.2	44.9	55.8	66.8	75.8	90.8	103.2	107.4	119.3	130.2													

MODEL NAME: RA-WF-015A
FILE NAME: RA-WF-015A

USER NAME = _USER_	DESIGNED - JAV	REVISED -
	DRAWN - JAV	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

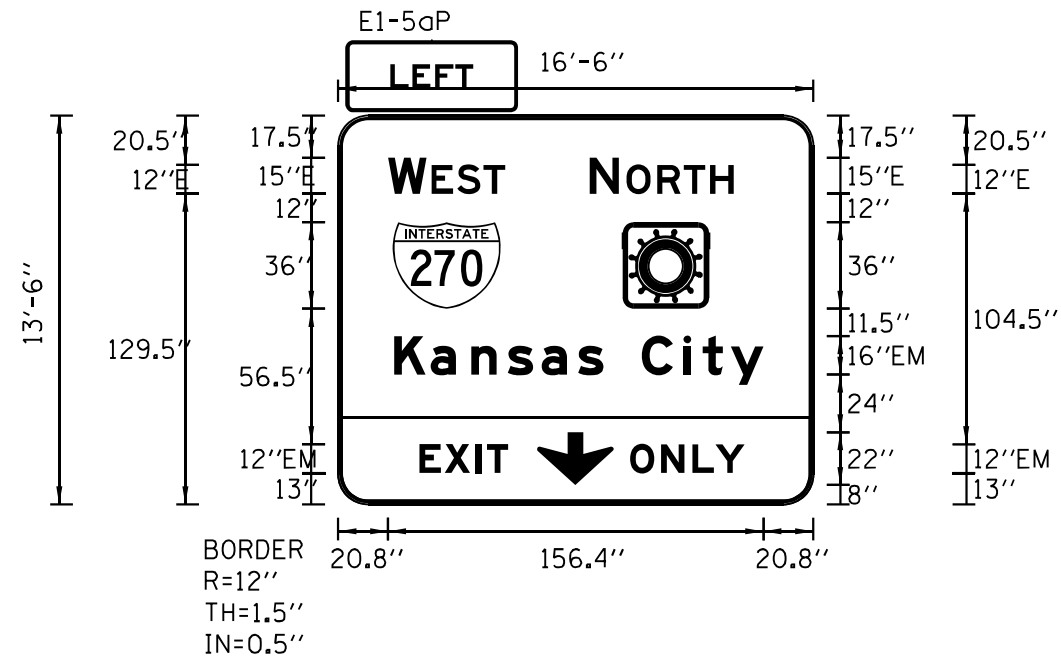
SIGNING DETAILS

SCALE: 2,0000 ' / in. SHEET 3 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	417
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:75



NB-BM-011A-B
STA 631+03
NB-TR-031A-B
STA 638+76

SIGN NUMBER	Overhead - Lane Drop
WIDTH x HGHT.	16'-6" x 13'-6"
BORDER WIDTH	1.75"
CORNER RADIUS	3.25"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Yellow
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	22.7	81.5	45	36
XM_2	0	118.7	81.5	36	36
ARNDOWN	0	82.8	8	32	22

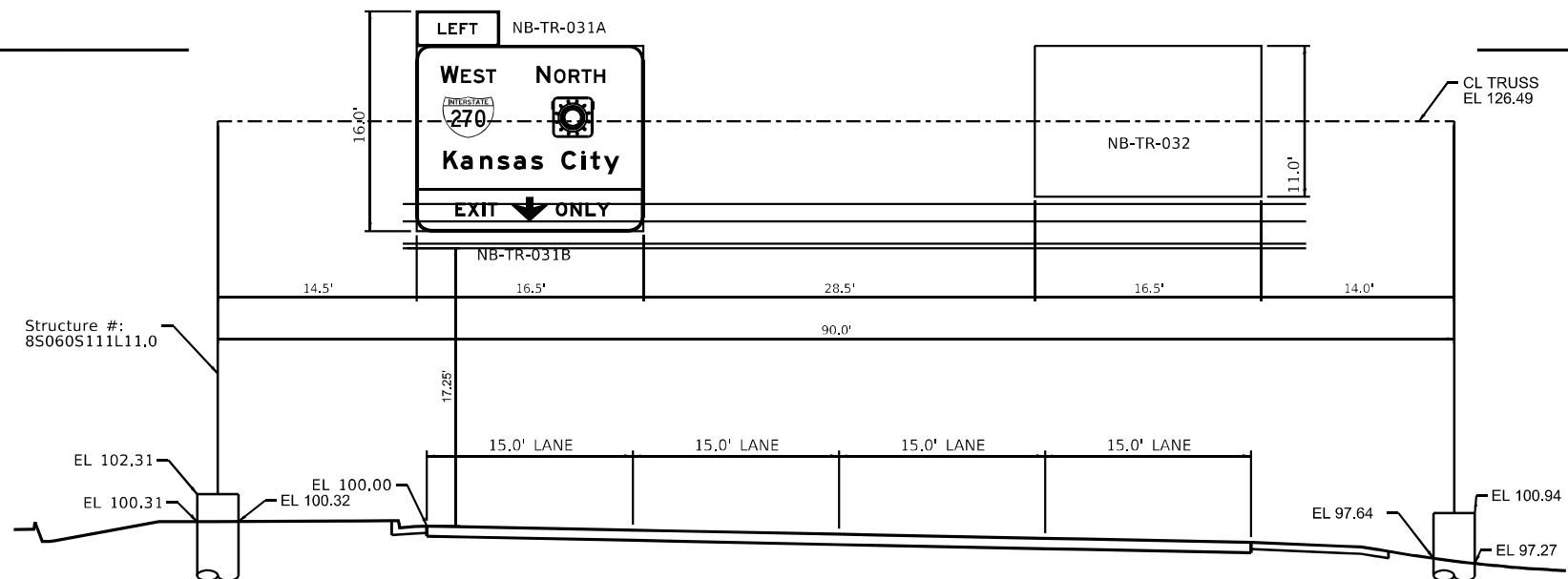
Panel Style: IDOT EXIT ONLY.ssi
Dimensions are in inches.tenths

Letter locations are paneledge to lower left corner

LETTER POSITIONS (X)

LENGTH SERIES-SIZE

Letter	X	Y	Length	Series-Size
L	18.8	28	34.5	E 2000
E	28	28	10	10
F	37.5	28	10	10
T	45.8	28	10	10
W	20.8	38.9	48.8	E 2000
E	38.9	38.9	15,12	15,12
S	49.5	38.9	15,12	15,12
T	60.6	38.9	15,12	15,12
N	104.8	120.1	59.9	E 2000
O	120.1	120.1	15,12	15,12
R	132.9	120.1	15,12	15,12
T	144	120.1	15,12	15,12
H	155	120.1	15,12	15,12
K	23.3	38.5	153.9	EM 2000
a	38.5	38.5	16/12	16/12
n	55.5	38.5	16/12	16/12
s	70.7	38.5	16/12	16/12
a	84.7	38.5	16/12	16/12
s	99.9	38.5	16/12	16/12
C	110.5	38.5	16/12	16/12
i	126.5	38.5	16/12	16/12
t	143.9	38.5	16/12	16/12
y	151.9	38.5	16/12	16/12
E	33.8	44.4	37	EM 2000
X	44.4	44.4	12	12
I	57.4	44.4	12	12
T	61.9	44.4	12	12
O	121.6	134.6	47.8	EM 2000
N	134.6	134.6	12	12
L	147.6	134.6	12	12
Y	157.2	134.6	12	12



MODEL NUMBER/NAME
FILE NAME: ST115

USER NAME = _USER_	DESIGNED - JAV	REVISED -
	DRAWN - JAV	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS

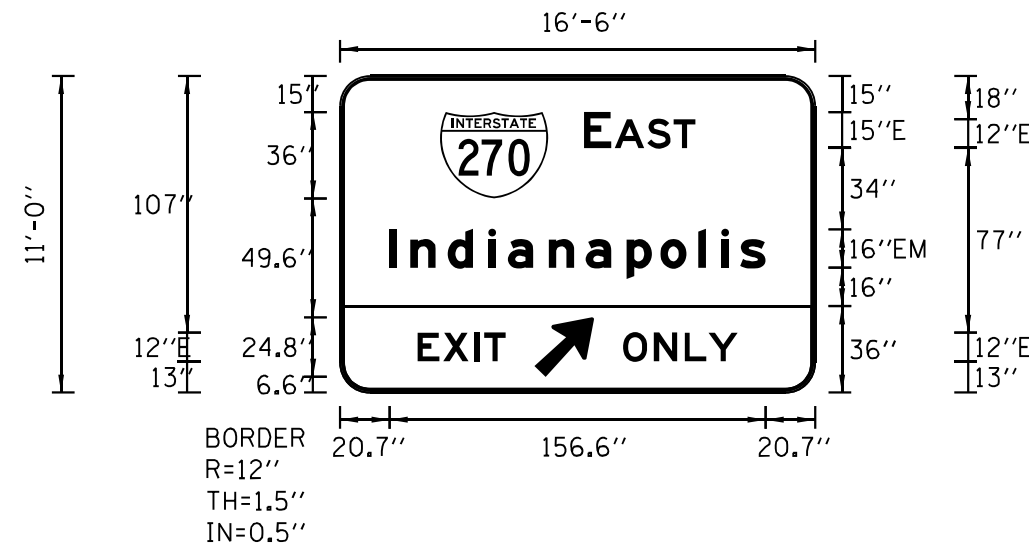
SCALE: 2,0000 ' / in. SHEET 4 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	418
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:75

NB-TR-032
STA 638+76



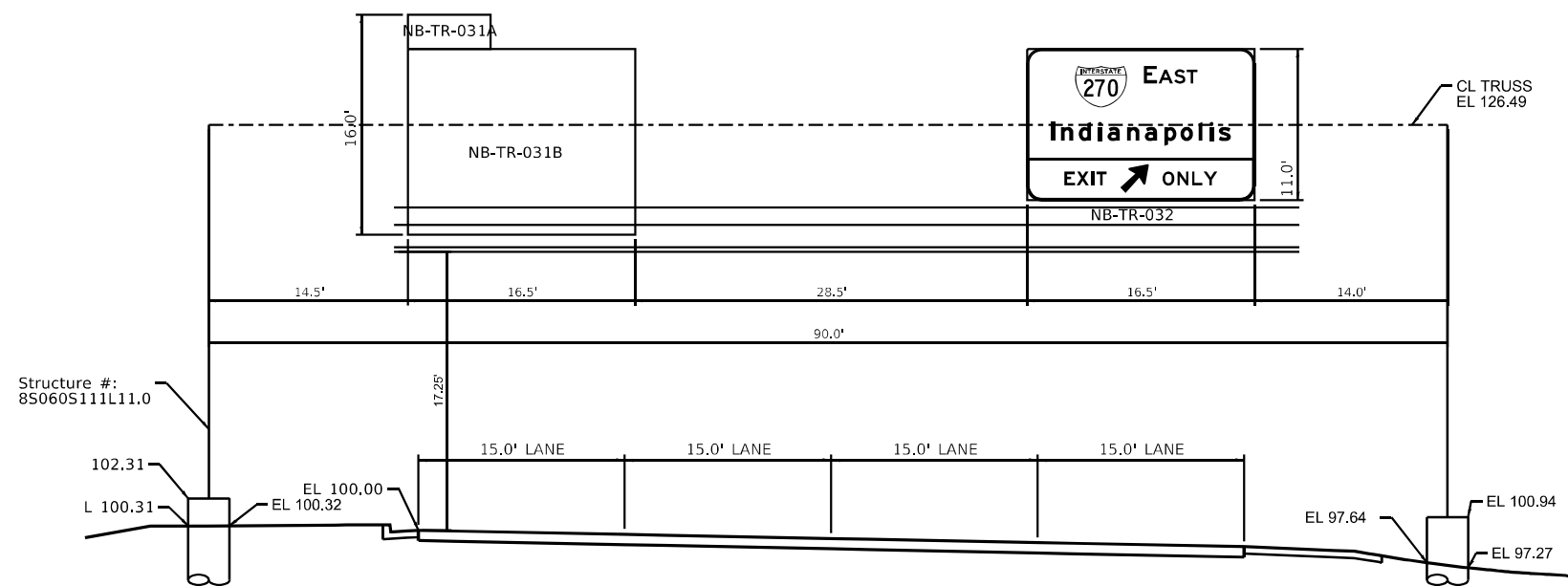
SIGN NUMBER	OH (Right Exit - 1 Lane)
WIDTH x HGHT.	16'-6" x 11'-0"
BORDER WIDTH	1.5"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	41.7	81	45	36
AR_Type A	315	81	6.6	20	31.5

Panel Style: IDOT EXIT ONLY.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																LENGTH	SERIES/SIZE
E	A	S	T													46.4	E 2000
101.7	114.5	128	139.1													15.12	
I	n	d	i	a	n	a	p	o	l	i	s					156.6	EM 2000
20.7	29.3	44.8	61.8	70	86.9	102.4	119.4	133.5	149.3	158.9	166.8					1612	
E	X	I	T													36.7	E 2000
32.4	43.1	55.9	60.1													12	
O	N	L	Y													47.9	E 2000
117.9	130.8	143.6	153.6													12	



MODEL NUMBER/NAME
FILE NAME: ST115

USER NAME = _USER_	DESIGNED - JAV	REVISED -
	DRAWN - JAV	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS

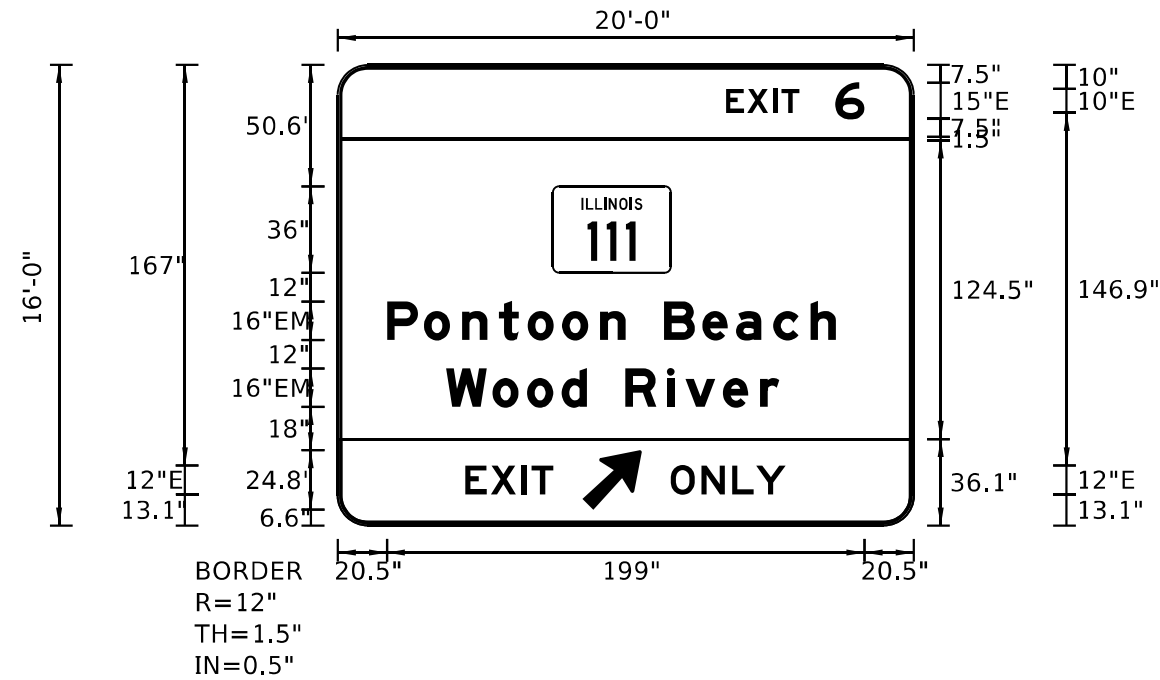
SCALE: 2,0000' / in. SHEET 5 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	419
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:75

WB-WF-085
STA 414+80



SIGN NUMBER	OH (Right Exit - 1 Lane)
WIDTH x HIGHT.	20'-0" x 16'-0"
BORDER WIDTH	1.5"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/White/White

SYMBOL	ROT	X	Y	WID	HT
M1-I100A-3-22-1000	100	89.7	105.4	49.1	36
AR_Type A	315	101.9	6.6	20	31.5

LETTER POSITIONS (X)

LENGTH SERIES SIZE

Letter	X	Y	Length	Series Size
E	161.8	170.7	57.8	E 2000
X	170.7	170.7	57.8	10,15
I	181.4	170.7	57.8	10,15
T	184.9	170.7	57.8	10,15
6	207.4	170.7	57.8	10,15
P	20.5	35.9	187	EM 2000
o	35.9	35.9	187	16/12
n	51.7	35.9	187	16/12
t	67.1	35.9	187	16/12
o	79.1	35.9	187	16/12
o	93.5	35.9	187	16/12
n	109.3	35.9	187	16/12
B	135.9	35.9	187	16/12
e	151.9	35.9	187	16/12
a	165.9	35.9	187	16/12
c	181.5	35.9	187	16/12
h	197	35.9	187	16/12
W	45.1	64.4	138.9	EM 2000
o	64.4	64.4	138.9	16/12
o	78.8	64.4	138.9	16/12
d	93.2	64.4	138.9	16/12
R	103.8	64.4	138.9	16/12
i	119.8	64.4	138.9	16/12
v	137.1	64.4	138.9	16/12
e	144.9	64.4	138.9	16/12
r	160.4	64.4	138.9	16/12
E	53.1	63.8	36.7	E 2000
X	63.8	63.8	36.7	12
I	76.6	63.8	36.7	12
T	80.8	63.8	36.7	12
O	138.7	151.5	47.9	E 2000
N	151.5	151.5	47.9	12
L	164.3	151.5	47.9	12
Y	174.3	151.5	47.9	12

MODEL NUMBER/NAME
FILE NAME: 31115

USER NAME = _USER_	DESIGNED - JAV	REVISED -
DRAWN - JAV	REVISIONS -	
PLOT SCALE = 2,0000' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS

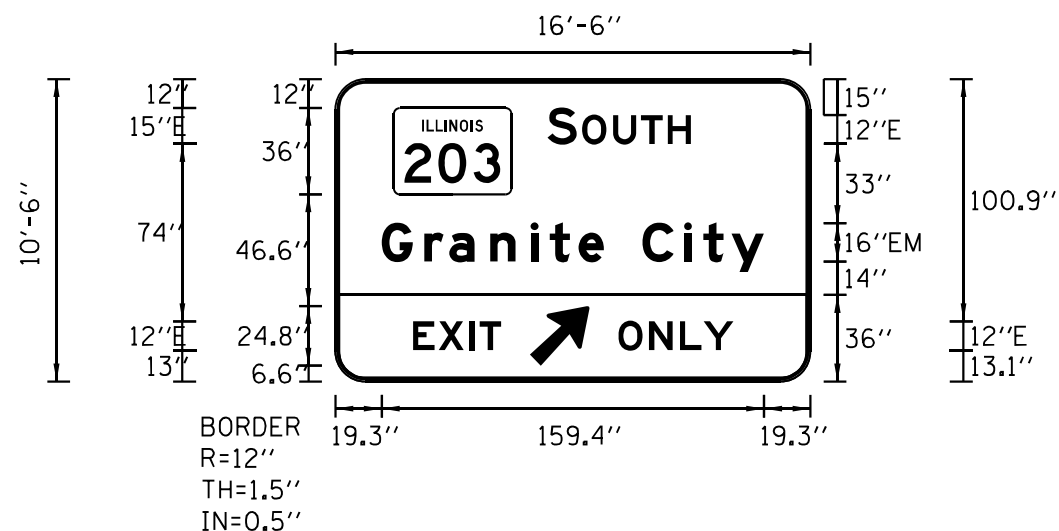
SCALE: 2,0000' / in. SHEET 9 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	423
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:75

EB-TR-075B
STA 326+67



SIGN NUMBER	OH (Right Exit - 1 Lane)
WIDTH x HGHT.	16'-6" x 10'-6"
BORDER WIDTH	1.5"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: Black/White/White

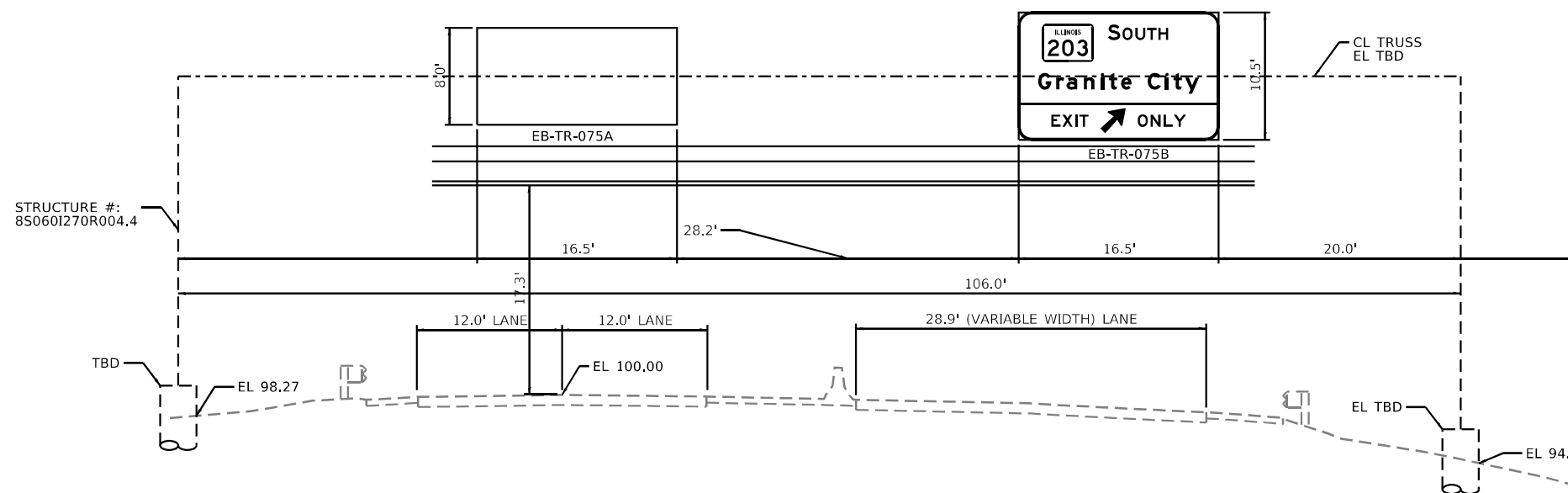
SYMBOL	ROT	X	Y	WID	HT
M1-H100A-3-22-10D		24.3	78	49.1	36
AR_Type A	315	81	6.6	20	31.5

Panel Style: IDOT EXIT ONLY.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

															LENGTH	SERIES SIZE
S	O	U	T	H											59.8	E 2000
88.4	102.8	115.7	127.4	138.5											15.12	
G	r	a	n	i	t	e		C	i	t	y				159.4	EM 2000
19.3	37.1	47.5	64.4	81.4	89.4	101.4	112	128	145.4	153.4	165.1				16/12	
E	X	I	T												36.7	E 2000
32.4	43.1	55.9	60.1												12	
O	N	L	Y												47.9	E 2000
117.9	130.8	143.6	153.6												12	



MODEL: \\MODELS\NAMES
FILE: \\MODELS\DETAILS

USER NAME = _USER_	DESIGNED - JAV	REVISED -
DRAWN - JAV	REVISIONS -	
PLOT SCALE = 2,0000 ' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

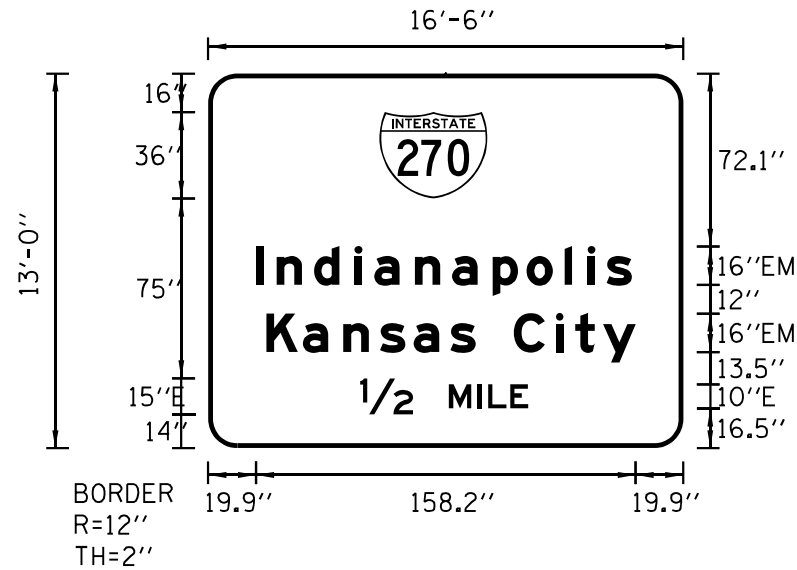
SIGNING DETAILS

SCALE: 2,0000 ' / in. SHEET 11 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	425
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:75



SB-WF-001
STA 4+00
NB-WF-049
STA 56+75

SIGN NUMBER	Cardinal Directions
WIDTH x HGHT.	16'-6" x 13'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	71.3	104	45	36

Panel Style: guide_exp_advance_a.ssi
Dimensions are in inches, tenths

Letter locations are paneledge to lower left corner

LETTER POSITIONS (X)

LENGTH SERIES/SIZE

Letter	X	Y	Length	Series/Size
I	19.9	63.3	156.6	EM 2000
n	28.5	63.3	156.6	16/12
d	44	63.3	156.6	16/12
i	61	63.3	156.6	16/12
a	69.2	63.3	156.6	16/12
n	86.1	63.3	156.6	16/12
a	101.6	63.3	156.6	16/12
p	118.6	63.3	156.6	16/12
o	132.7	63.3	156.6	16/12
l	148.5	63.3	156.6	16/12
i	158.1	63.3	156.6	16/12
s	166	63.3	156.6	16/12
K	24.2	100.3	153.9	EM 2000
a	39.4	100.3	153.9	16/12
n	56.4	100.3	153.9	16/12
s	71.6	100.3	153.9	16/12
a	85.6	100.3	153.9	16/12
s	100.8	100.3	153.9	16/12
C	111.4	100.3	153.9	16/12
i	127.4	100.3	153.9	16/12
t	144.8	100.3	153.9	16/12
y	164.5	100.3	153.9	16/12
1/2	63.3	136.8	70.1	E 2000
M	100.3	136.8	70.1	15/10
I	112.3	136.8	70.1	15/10
L	116.7	136.8	70.1	15/10
E	125.9	136.8	70.1	15/10

MODEL NUMBER/NAME
FILE NAME: ST115

USER NAME = _USER_	DESIGNED - JAV	REVISED -
	DRAWN - JAV	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS

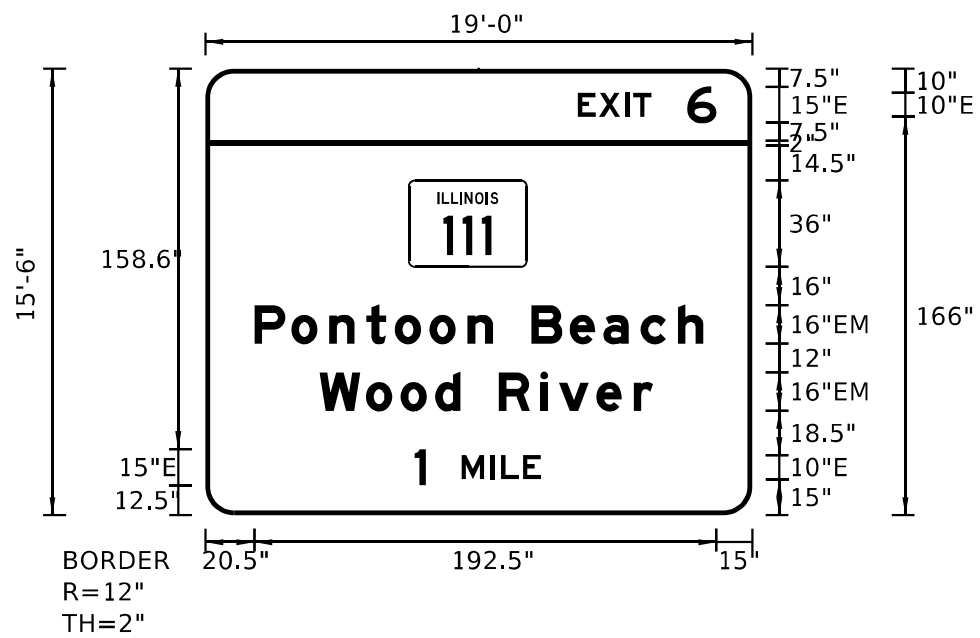
SCALE: 2,0000 ' / in. SHEET 20 OF 30 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	434
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

SIGN DETAIL

1:75

WB-WF-087
STA 474+42



SIGN NUMBER	Cardinal Directions
WIDTH x HGHT.	19'-0" x 15'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1-1100A-3-22-10	0	84.9	103.5	49.1	36

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

Letter locations are paneledge to lower left corner

LETTER POSITIONS (X)

LENGTH SERIES SIZE

Letter	X	Y	Length	Series Size
E	155.3	158.6	57.8	E 2000
X	164.2	158.6	57.8	10,15
I	174.9	158.6	57.8	10,15
T	178.4	158.6	57.8	10,15
6	200.9	158.6	57.8	10,15
P	20.5	187.1	187.1	EM 2000
o	35.8	187.1	187.1	16/12
n	51.7	187.1	187.1	16/12
t	67	187.1	187.1	16/12
o	79	187.1	187.1	16/12
o	93.4	187.1	187.1	16/12
n	109.3	187.1	187.1	16/12
B	119.8	187.1	187.1	16/12
e	135.8	187.1	187.1	16/12
a	151.8	187.1	187.1	16/12
c	165.9	187.1	187.1	16/12
h	181.4	187.1	187.1	16/12
W	47.6	138.9	138.9	EM 2000
o	67	138.9	138.9	16/12
o	81.4	138.9	138.9	16/12
d	95.8	138.9	138.9	16/12
R	106.3	138.9	138.9	16/12
i	122.3	138.9	138.9	16/12
v	139.6	138.9	138.9	16/12
e	147.5	138.9	138.9	16/12
r	163	138.9	138.9	16/12
1	87.3	52.6	52.6	E 2000
M	106.8	52.6	52.6	15,10
I	118.8	52.6	52.6	15,10
L	123.2	52.6	52.6	15,10
E	132.4	52.6	52.6	15,10

MODEL NUMBER
FILE NAME: ST115

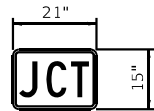
USER NAME = _USER_	DESIGNED - JAV	REVISED -
	DRAWN - JAV	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

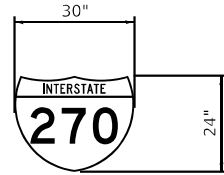
SIGNING DETAILS

SCALE: 2,0000 ' / in. SHEET 24 OF 30 SHEETS STA. TO STA.

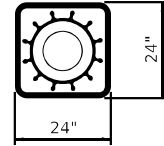
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	438
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76818	



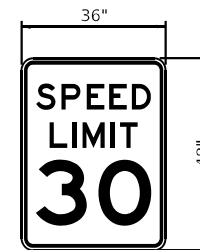
M2 - 1



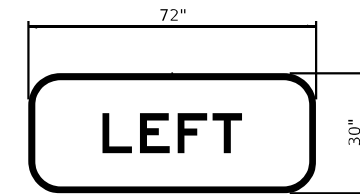
M1 - 1



D6 - 4

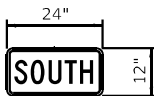


R2 - 1



E1 - 5aP

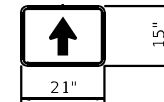
NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION
SB-TS-002A	518+70			SB-TS-002C	518+70			SB-TS-002D	518+70			SB-TS-003	519+39			SB-TR-004A	521+85		
SB-TS-002B	518+70			NB-TS-047C	48+50			SB-PM-005C	521+85			SB-TS-010	528+35			SB-BR-011A	631+03		
NB-TS-047A	48+50							SB-PM-005D	521+85			SB-TS-012	632+11			SB-BR-013A	529+24		
NB-TS-047B	48+50							SB-PM-016D	1115+55			NB-TS-033	641+78			NB-TR-031A	638+76		
								RC-TS-045F	3314+96										
								NB-TS-047D	48+50										



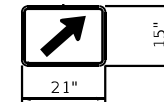
M3 - 3



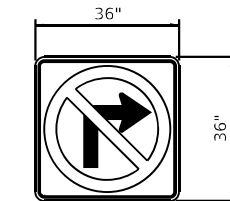
M3 - 1



M6 - 3

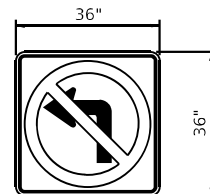


M6 - 2

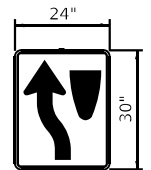


R3 - 1

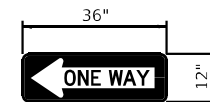
NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION
SB-PM-005A	521+85			SB-PM-005B	521+85			SB-PM-005E	521+85			SB-PM-005F	521+85			SB-TS-006	525+38		
SB-PM-016A	1115+55			SB-PM-016C	1115+55											NB-TS-029	635+21		
SB-PM-016B	1115+55			RC-TS-045A	3314+96														
RC-TS-045B	3314+96																		
RC-TS-045C	3314+96																		



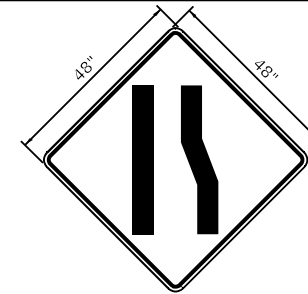
R3 - 2



R4 - 8



R6 - 1L



W4 - 2



R5 - 1a

NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION
NB-TS-007	625+72			SB-TS-008	526+03			SB-PM-009	526+66			RD-TS-014	4403+74			RA-TS-015B	1113+15		
SB-TS-028	535+09			NB-TS-037	634+56			SB-PM-026	534+25			RB-TS-027	2003+77			RA-TS-020	1113+15		
																RC-TS-042A	1113+00		
																RC-TS-044	1113+00		

MODEL NUMBER NAMES
FILE NUMBER PREFIX

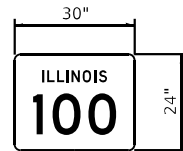
USER NAME = _USER_	DESIGNED - JAV	REVISED -
	DRAWN - GDO	REVISED -
PLOT SCALE = 4,0000 ' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

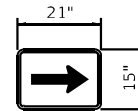
STANDARD SIGNING DETAILS

SCALE: 4,0000 ' / in. SHEET 1 OF 2 SHEETS STA. TO STA.

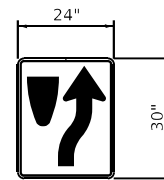
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	444
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76818	



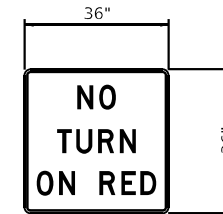
M1 - 4



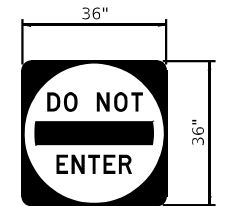
M6 - 1



R4 - 7

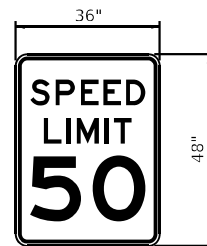


R10 - 11b

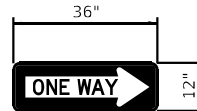


R5 - 1

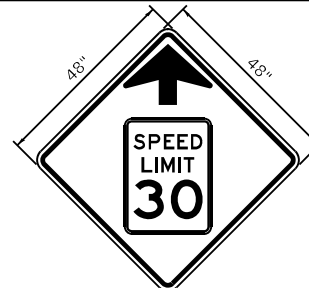
NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION
SB-PM-016E	1115+55			SB-PM-016G	1115+55			NB-TS-017	624+85			RA-PM-018	1116+15			RA-TS-021	1115+60	RC-TS-074	3315+53
SB-PM-016F	1115+55			SB-PM-016H	1115+55			NB-TS-030	635+78			RA-PM-019	1116+53			RA-TS-023	1115+11	SB-TS-076	18+97
RC-TS-045D	3314+96			SB-PM-016I	1115+55			NB-TS-043	17+97			RA-PM-022	1116+60			SB-TS-025	18+97		
RC-TS-045E	3314+96			RC-TS-045G	3314+96							RA-PM-024	1116+08			RC-TS-038	3315+03		
				RC-TS-045H	3314+96							RC-PM-036	3315+10			RC-TS-040	3315+16		
				RC-TS-045I	3314+96							RC-PM-039	3314+98			RA-TS-070	1116+40		
												RC-PM-041	3315+39			RA-TS-071	1115+97		
												RC-PM-072	3315+45			RC-TS-073	3315+60		



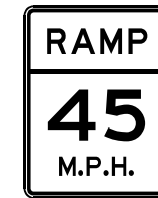
R2 - 1



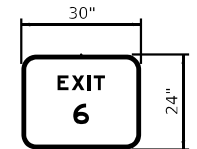
R6 - 1R



W3 - 5



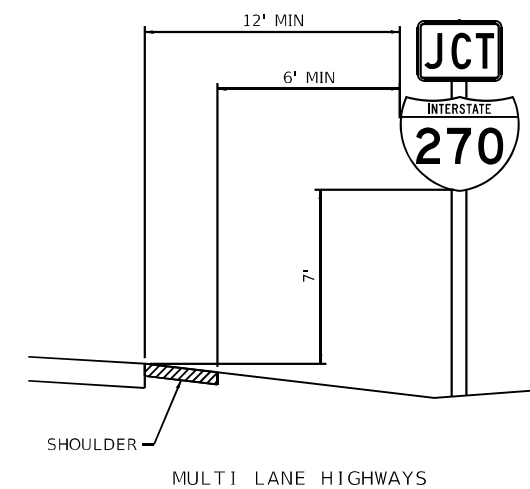
W13 - 3



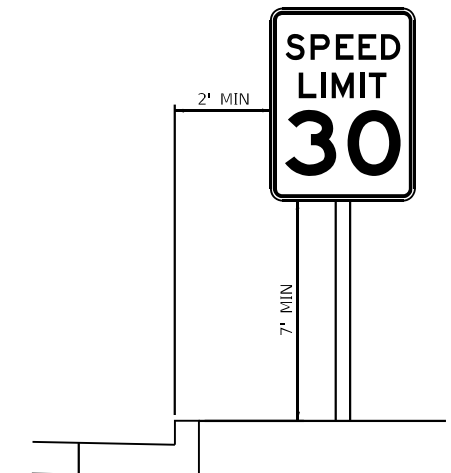
E1 - 5P

NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION
SB-TS-034	541+79			SB-PM-035	536+25			NB-TS-046	46+50			EB-TS-084	385+00			WB-PM-055	427+02		
				SB-PM-069	524+51			SB-TS-068	13+50			WB-PM-056C	414+28						
				SB-PM-069	524+51														
				SB-PM-069	524+51														
				SB-PM-069	524+51														
				SB-PM-069	524+51														

NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION



MULTI LANE HIGHWAYS



CURB/MEDIAN LOCATIONS

SIGN PANEL ERECTION LOCATION DETAILS

MODEL NUMBER NAMES FILE NAMES SHEETS

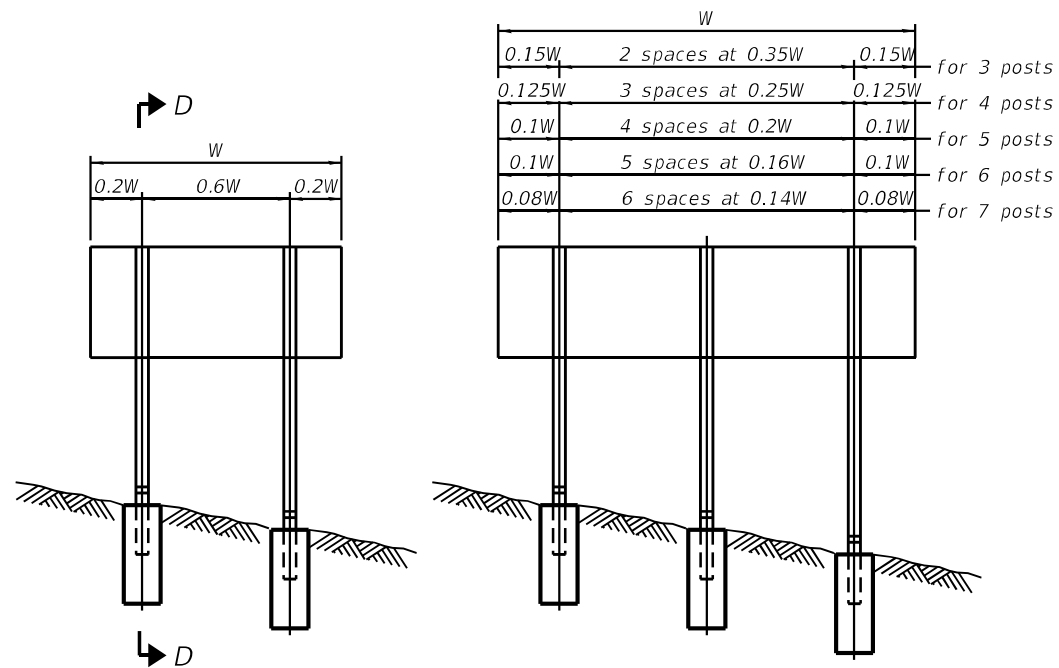
USER NAME = _USER_	DESIGNED - JAV	REVISED -
DRAWN - GDO	REVISED -	
PLOT SCALE = 4,0000' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

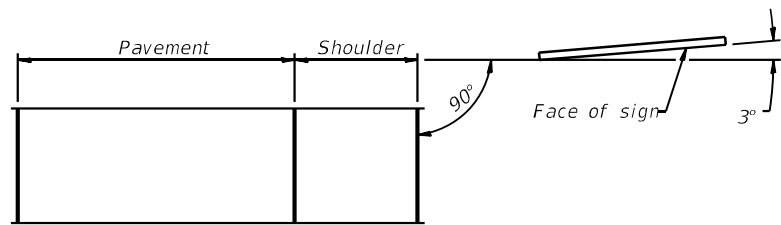
STANDARD SIGNING DETAILS

SCALE: 4,0000' / in. SHEET 2 OF 2 SHEETS STA. TO STA.

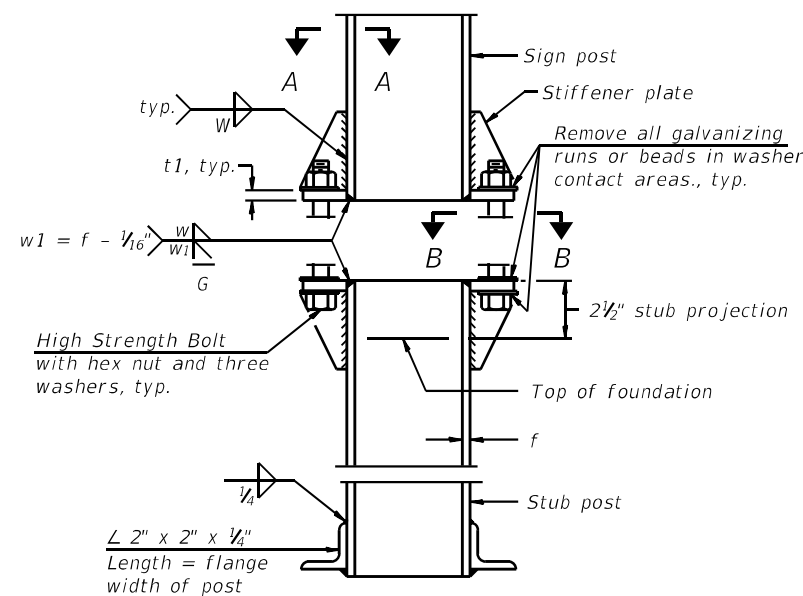
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	445
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



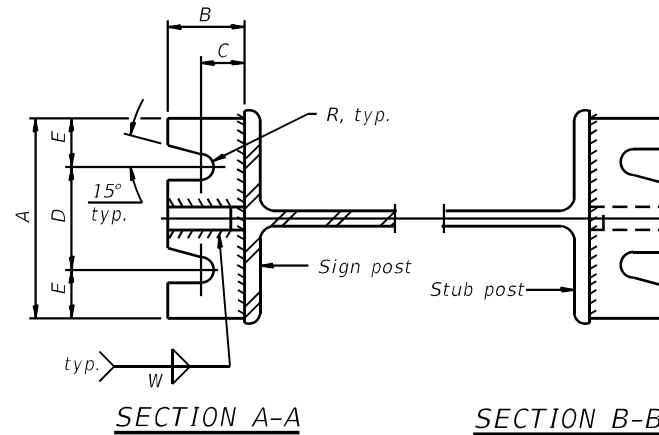
ELEVATION



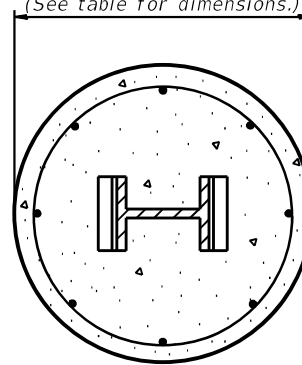
LOCATION SKETCH



**ELEVATION
SIGN POST & STUB POST**

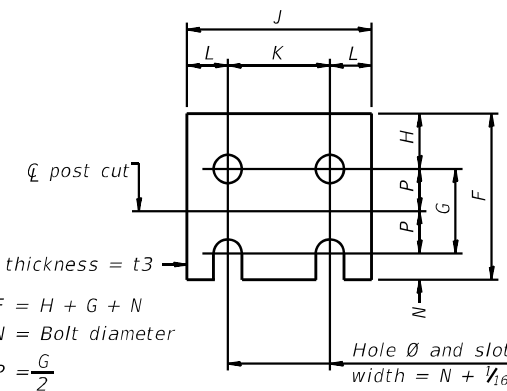
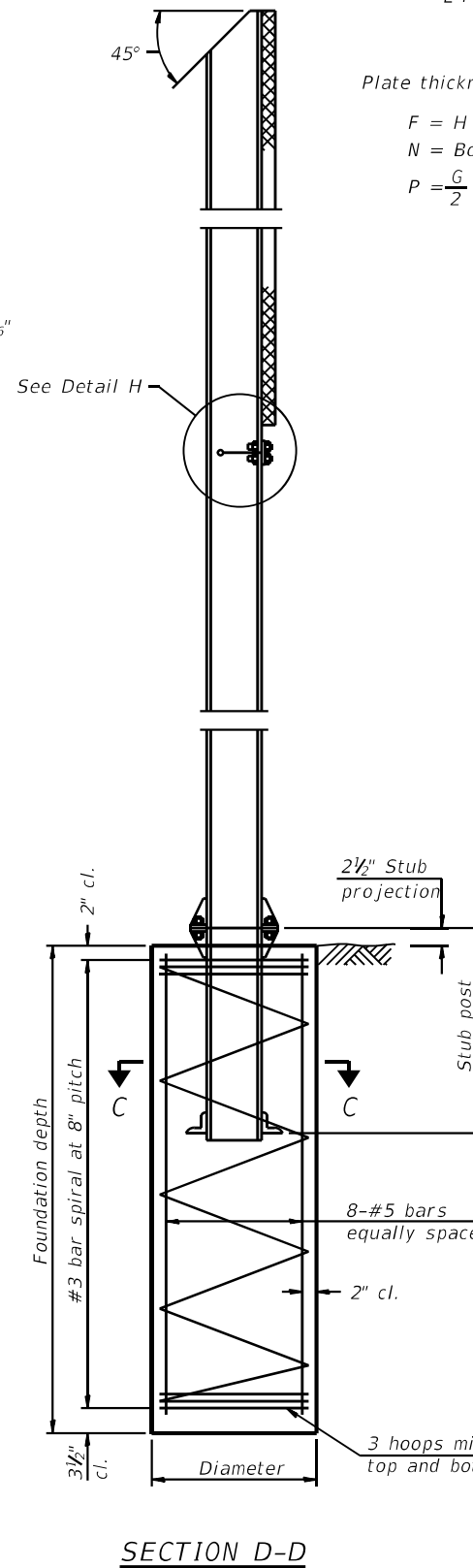
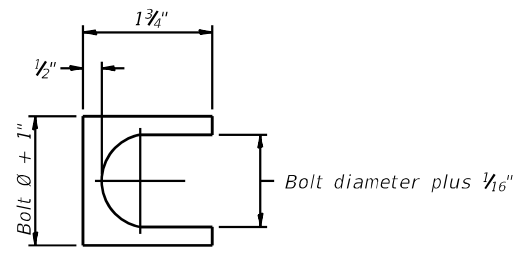


(See table for dimensions.)



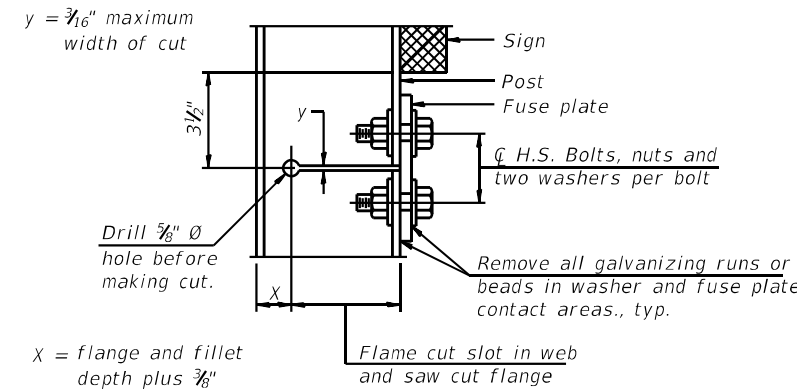
SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

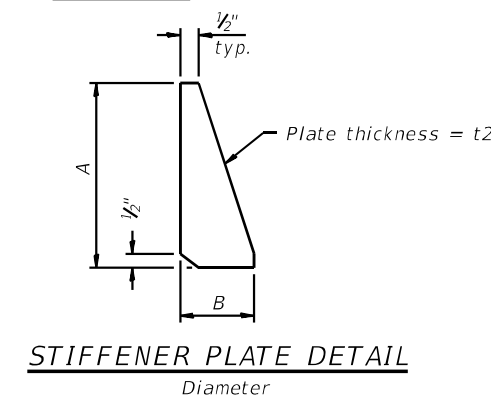


FUSE PLATE DETAIL
(Install with notches down.)

FUSE PLATE DATA		
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"



DETAIL H



GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
 Structural steel - 20,000 p.s.i.
 Reinforcing steel - 20,000 p.s.i.
 Concrete - 1,400 p.s.i.
 Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

(Sheet 1 of 2)

MODEL NUMBER/REVIEWS
FILE NUMBER/REVIEWS

BAW-A-1

2-17-2017

USER NAME = _USER_	DESIGNED - STD PLAN	REVISED -
	DRAWN - GDO	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS

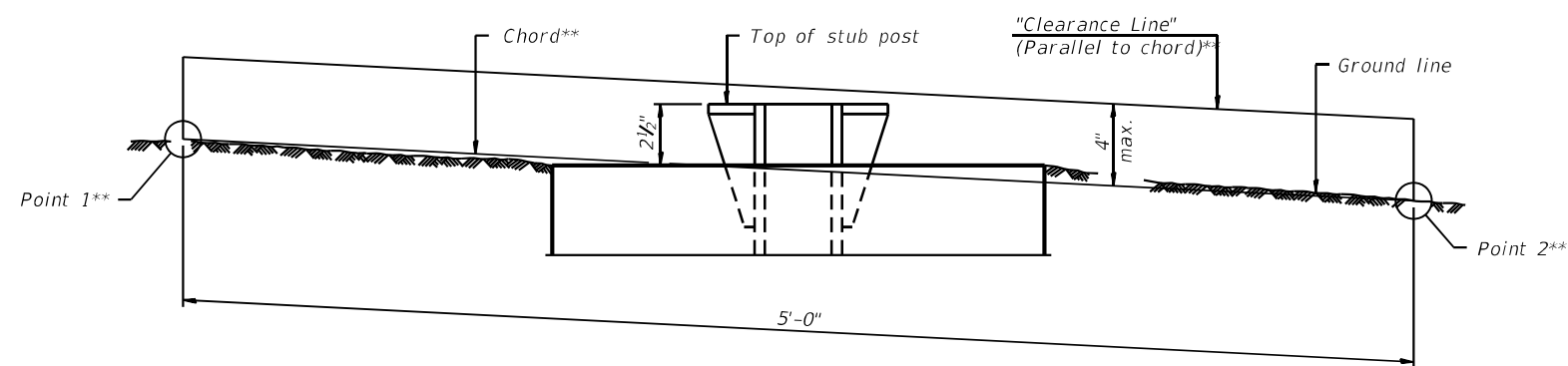
SCALE: 2,0000' / in. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	446
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA				
	Foundation			Reinforcement			Stub Post Length	Bolt Size	A	B	C	D	E	t1	t2	R	W	J	K	L	t3	
	Diameter*	Minimum Depth	Concrete (1) cu. yds.)	Vertical Bars Length	Bar Spirals Diameter	Bar Spirals Length																lbs. (2)
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3 1/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1 1/2"	1 1/2"	1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3 1/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1 1/2"	1 1/2"	1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1 1/2"	1 3/8"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1 1/2"	1 3/8"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 5/8"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 5/8"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 5/8"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 7/8"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 7/8"	3/8"	7"	3 1/2"	1 3/4"	1/2"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																				
	Sign Height																				
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	—	—	—	—	—	—	—	—	—	—	
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	—	—	—	—	—	—	—	—	—	—	
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	—	—	—	—	—	—	—	
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	—	—	—	—	—	—	
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	—	—	—	—	—	
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	—	—	—	—	
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"
W16x45	—	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"



ELEVATION
GROUND LINE & STUB POST

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- ① Quantity includes all concrete necessary for one foundation.
- ② Includes reinforcement bars and spiral hooping for one foundation.

BAW-A-2

2-17-2017

(Sheet 2 of 2)

MODEL NUMBER: BAW-A-2
FILE NAME: STEEL

USER NAME = _USER_	DESIGNED - STD PLAN	REVISED -
DRAWN - GDO	REVISIONS -	
PLOT SCALE = 2,000' / in.	CHECKED - STS	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST TABLES

SCALE: 2,000' / in. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	447
CONTRACT NO. 76818				
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.
fy = 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.

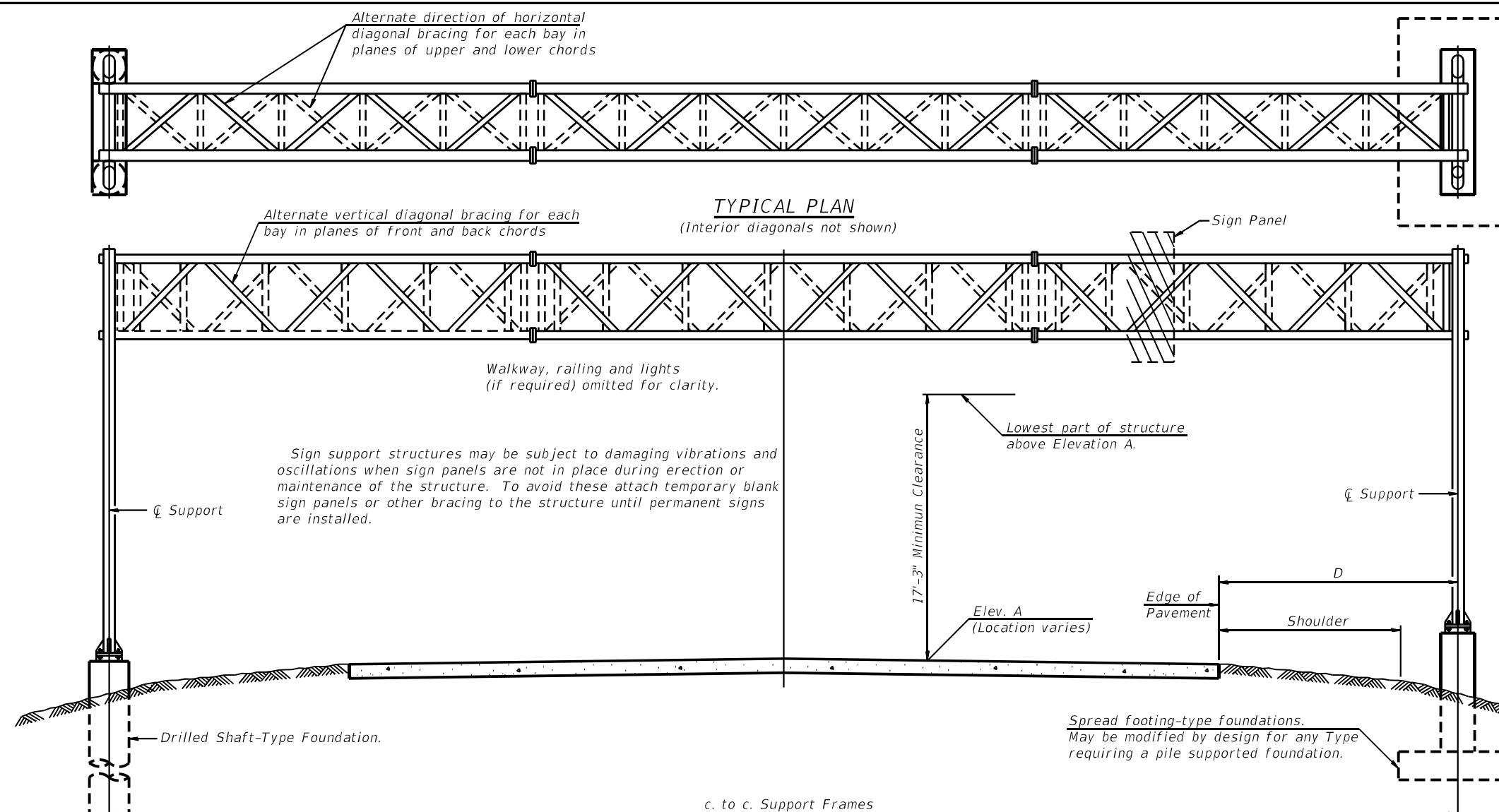
CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Concrete Sealer in accordance with the Standard Specifications.

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

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

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE SPAN TYPE I-A	Foot	174
OVERHEAD SIGN STRUCTURE SPAN TYPE II-A	Foot	-
OVERHEAD SIGN STRUCTURE SPAN TYPE III-A	Foot	-
OVERHEAD SIGN STRUCTURE WALKWAY TYPE A	Foot	131.7
CONCRETE FOUNDATIONS	Cu. Yds	-
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds	40.4

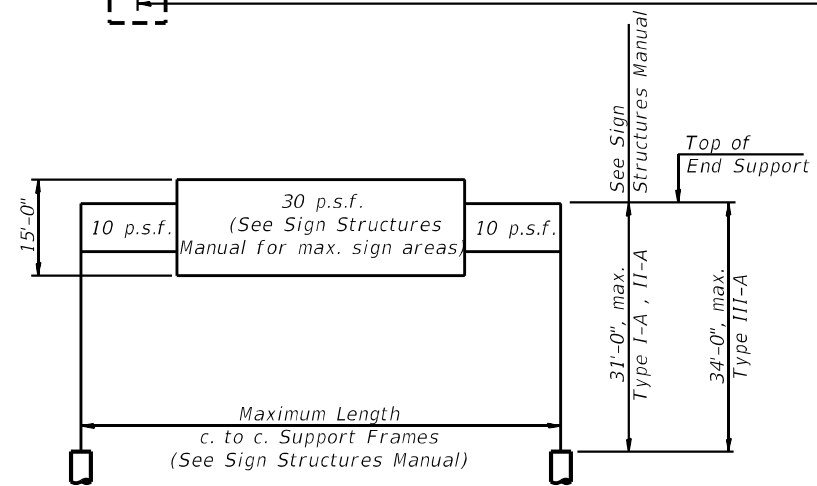


TYPICAL ELEVATION
(Looking at Face of Signs**)

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
8S060S111R10.7	521+85	I-A	84'	100'	16.52'	14'	420.5
8S060S111L11.0	638+76	I-A	90'	100'	14.78'	16'	419.25

**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.

05-A-1 2-17-2017

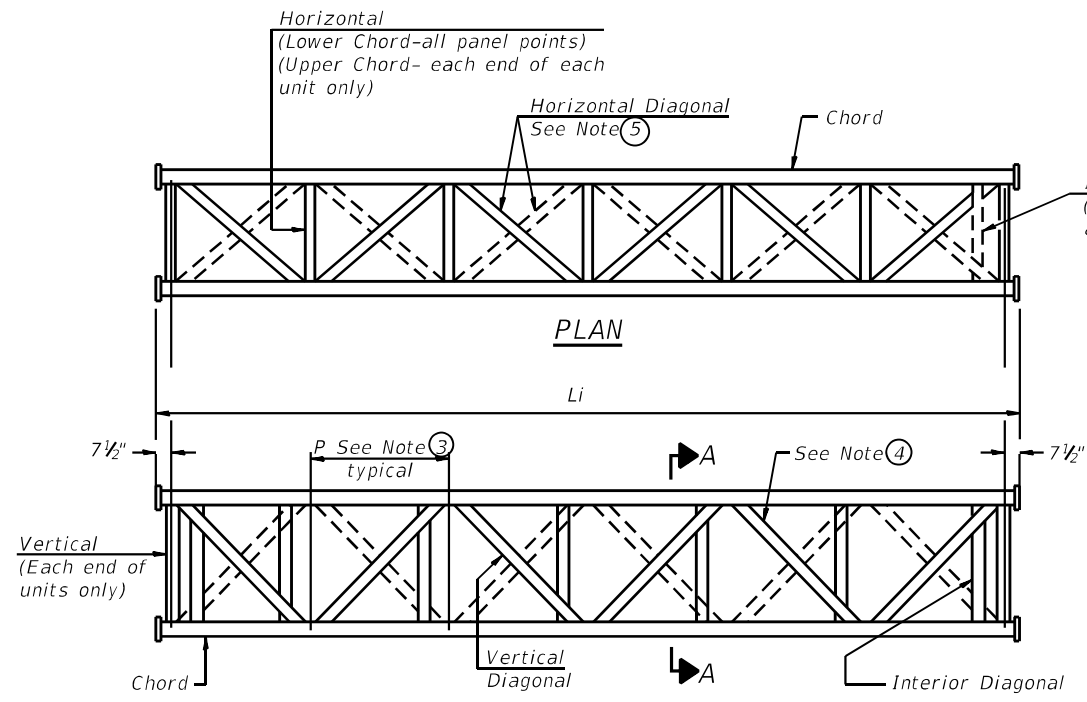
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DRAWN - SRT	REVISIONS -	
PLOT SCALE = 2,000' / in.	CHECKED - JML	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

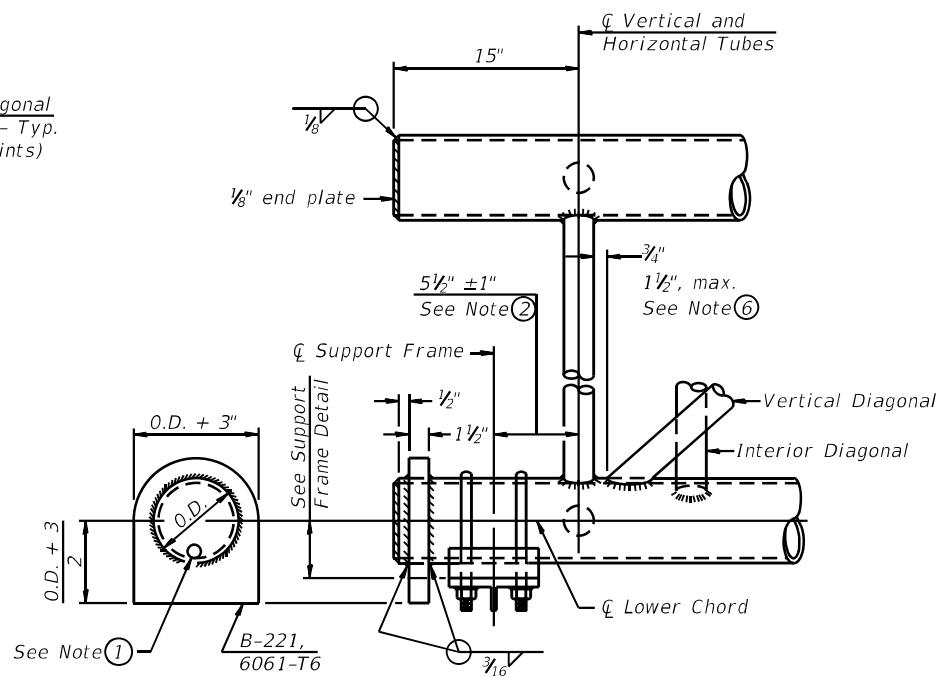
**OVERHEAD SIGN STRUCTURES - GENERAL PLAN &
ELEVATION - ALUMINUM TRUSS & STEEL SUPPORTS**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	448
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

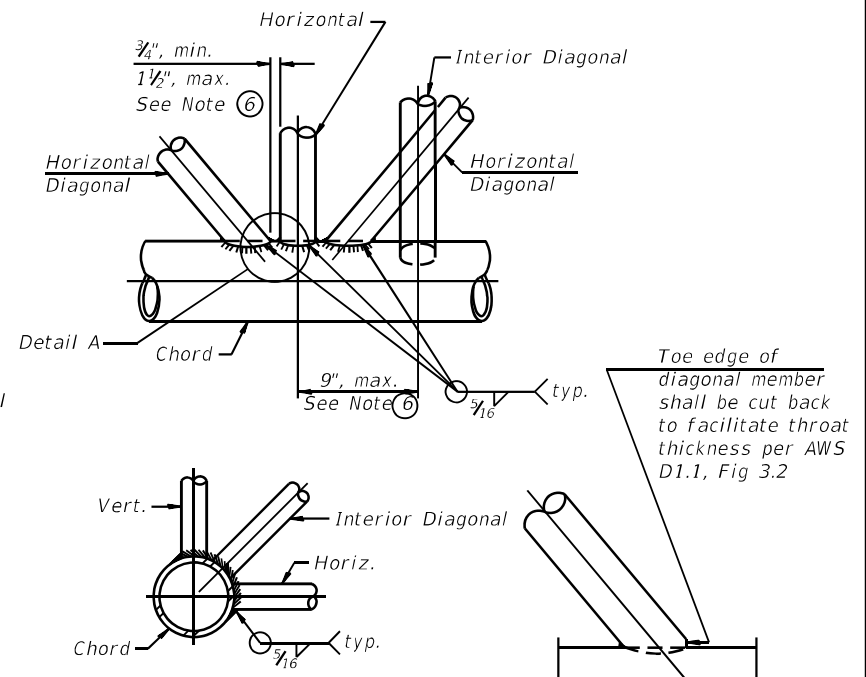
MODEL: 140081NAMES
FILE: 04016: STEELS



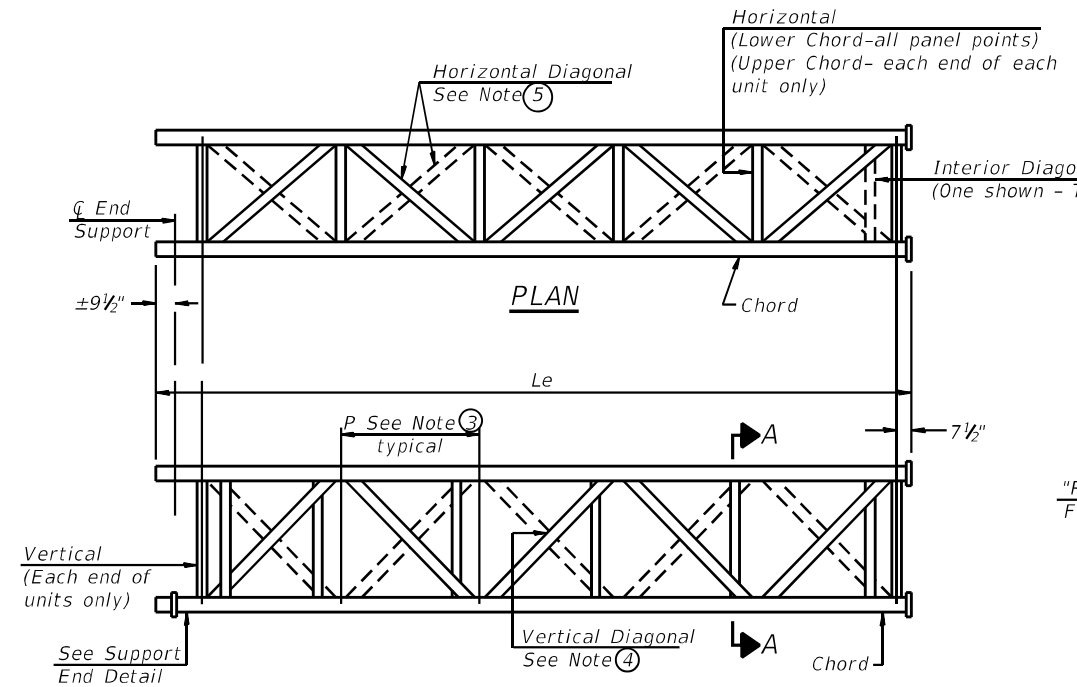
**ELEVATION
TYPICAL INTERIOR UNIT**
Even number of panels/interior unit required.



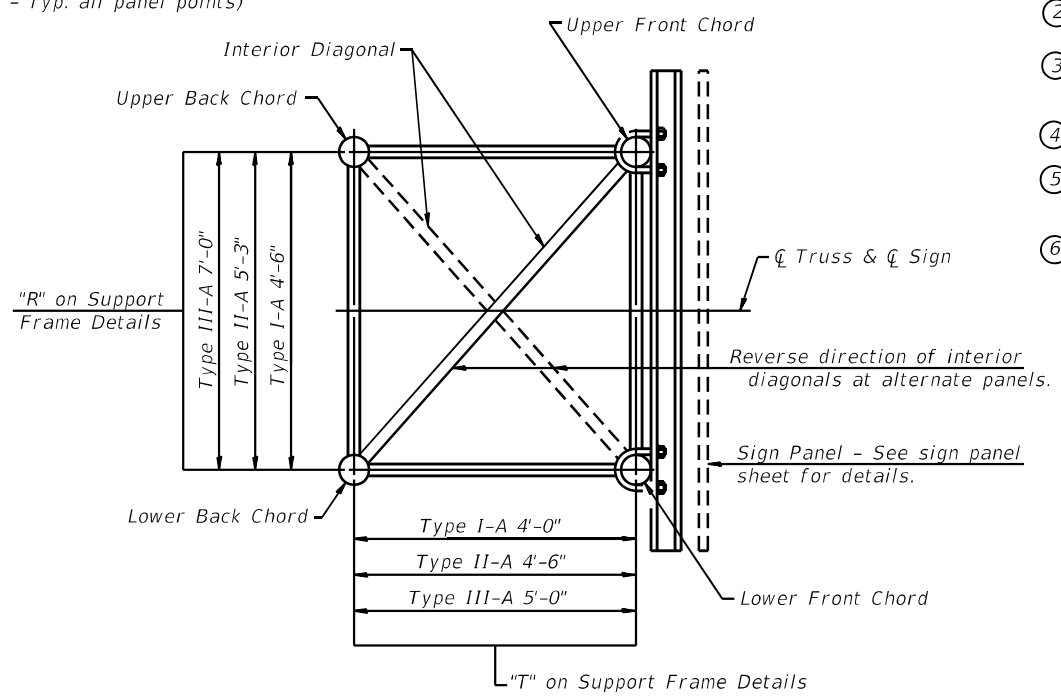
SUPPORT END DETAIL FOR EXTERIOR UNIT



TYPICAL JOINT DETAILS
DETAIL A



**ELEVATION
TYPICAL EXTERIOR UNIT**
Even or odd number of panels/exterior units allowed.



SECTION A-A

- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" Ø drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 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 3/4" minimum to 1 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.

MODEL NUMBER NAMES FILE NAMES SHEETS

05-A-2

2-17-2017

USER NAME = _USER_	DESIGNED - STD PLAN	REVISED -
DRAWN -	REVISOR -	REVISOR -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISOR -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

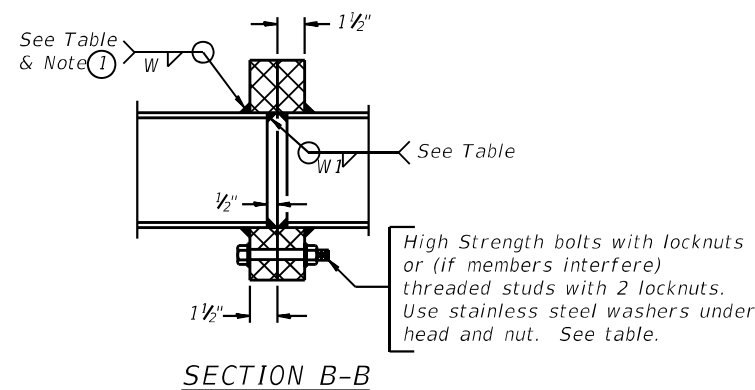
**OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS
DETAILS FOR TRUSS TYPES I-A, II-A AND III-A**

SCALE: 2,0000 ' / in. SHEET 2 OF 9 SHEETS STA. TO STA.

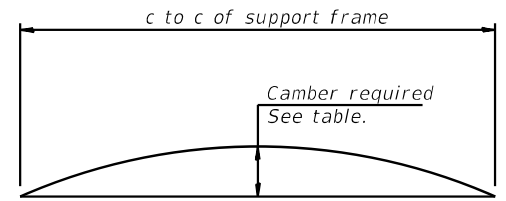
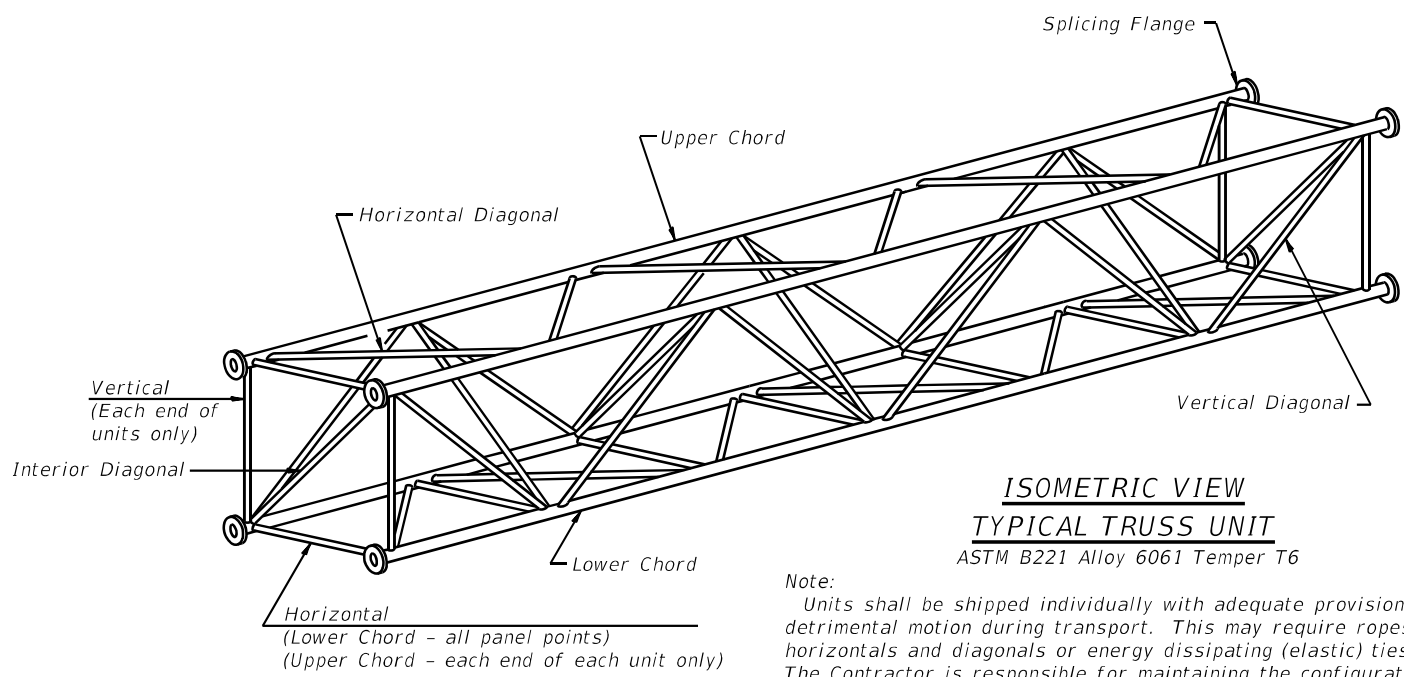
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	449
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

TRUSS UNIT TABLE

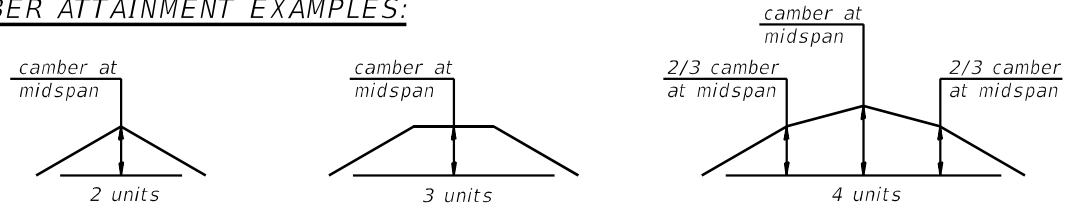
Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals; Horizontal; Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange					
			No. Panels per Unit	Unit Lgth.(Le)	Panel Lgth.(P)	No. Req'd.	No. Panels per Unit	Unit Lgth.(Li)	Panel Lgth.(P)	O.D.	Wall	O.D.	Wall		Bolts		Weld Sizes		A	B
															No./Splice	Dia.	W	WI		
8S060S111R10.7	521+85	I-A	6	28'-9"	4'-5 3/4"	1	6	28'-1 1/2"	4'-5 3/4"	5 1/2"	1 1/8"	2 1/2"	1 1/8"	2 1/16"	6	3/8"	3/8"	1/4"	9 1/4"	12 1/4"
8S060S111L11.0	638+76	I-A	6	30'-9"	4'-9 3/4"	1	6	30'-1 1/2"	4'-9 3/4"	5 1/2"	1 1/8"	2 1/2"	1 1/8"	2 1/16"	6	3/8"	3/8"	1/4"	9 1/4"	12 1/4"



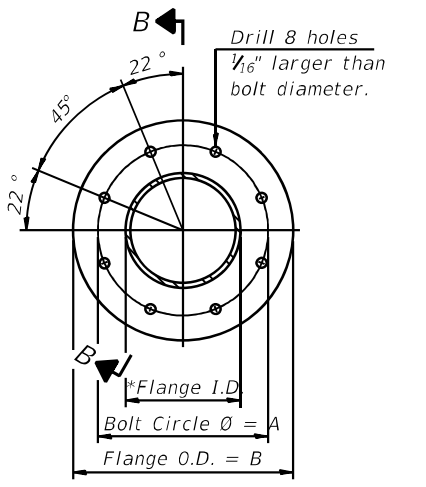
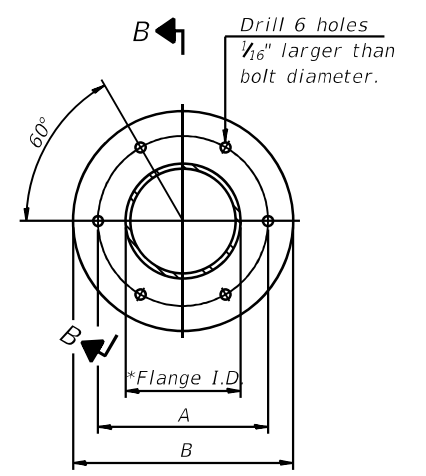
1 Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining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



CAMBER ATTAINMENT EXAMPLES:



Camber shown is for fabrication only, measured with truss fully supported. (No-load condition)



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".

054-A-2

2-17-2017

USER NAME = _USER_	DESIGNED - STD PLAN	REVISED -
DRAWN - SRT	REVISED -	
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PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

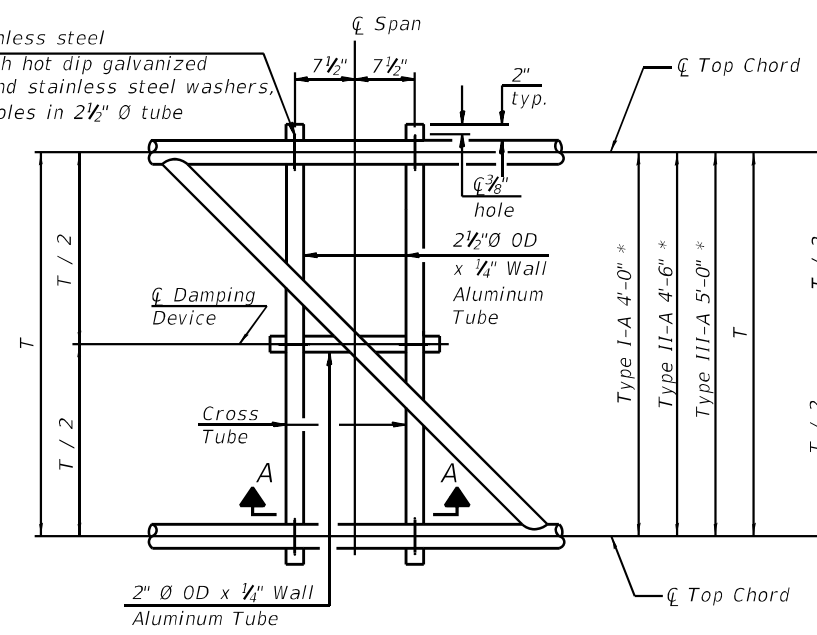
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

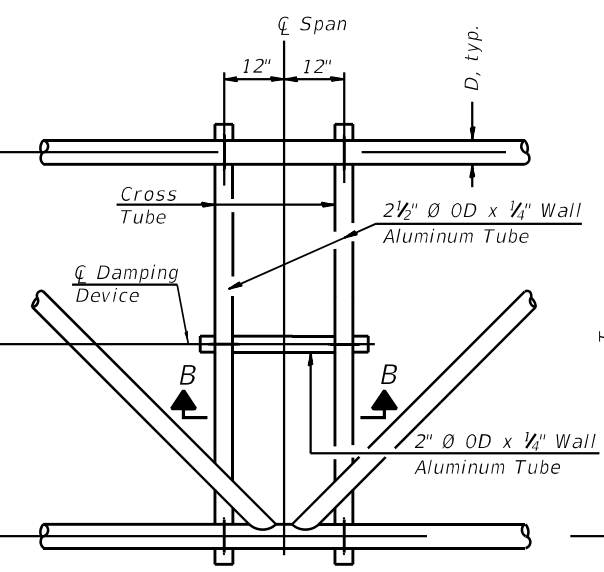
SCALE: 2,000 ' / in. SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	450
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

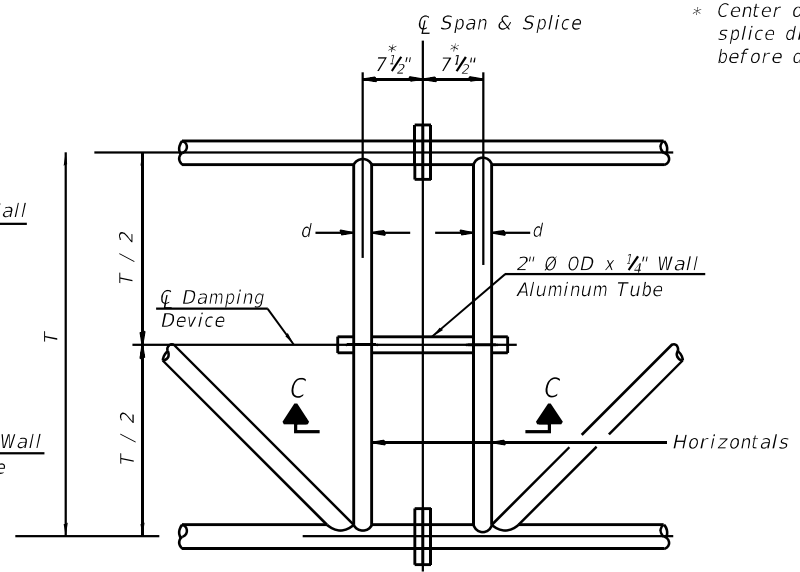
$\frac{3}{16}$ " \varnothing stainless steel
U-bolt with hot dip galvanized
locknuts and stainless steel washers,
typ. $\frac{3}{8}$ " \varnothing holes in $2\frac{1}{2}$ " \varnothing tube



PLAN DETAIL "A"
☐ Span between Panel Points



PLAN DETAIL "B"
☐ Span at Panel Point



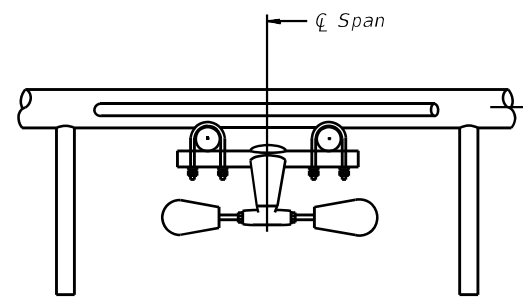
PLAN DETAIL "C"
☐ Span at ☐ Chord Splice

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

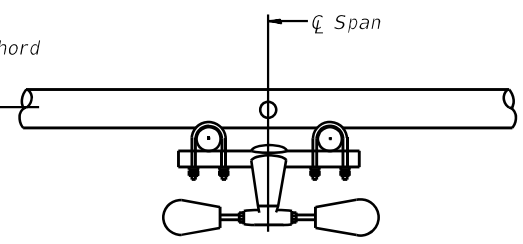
NOTES

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

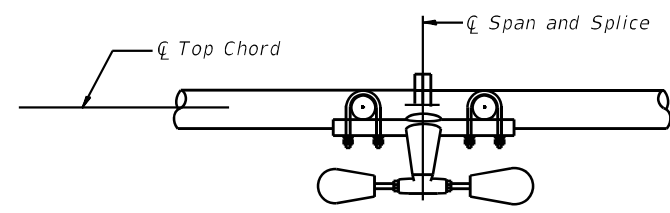
Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



SECTION A-A

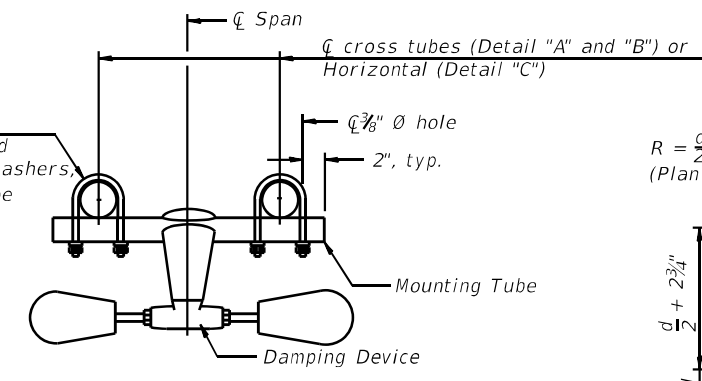


SECTION B-B

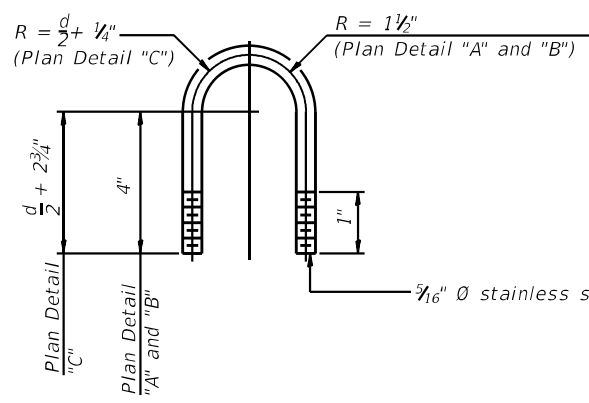


SECTION C-C

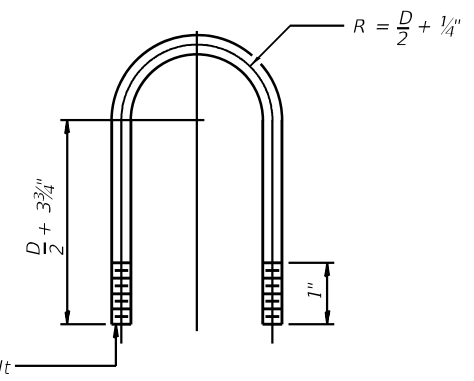
$\frac{3}{16}$ " \varnothing stainless steel
U-bolt with hot dip galvanized
locknuts and stainless steel washers,
typ. $\frac{3}{8}$ " \varnothing holes in mounting tube



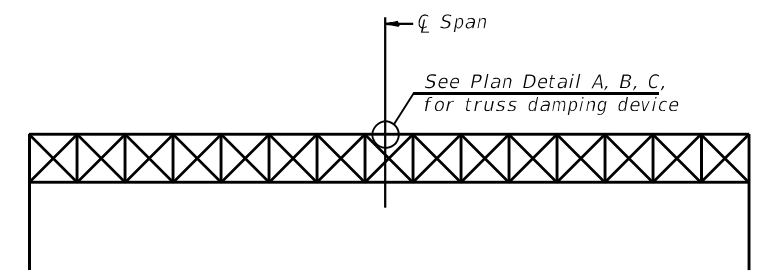
**TRUSS DAMPING
DEVICE CONNECTION DETAIL**
(Typical)



**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

05-A-D

2-17-2017

MODEL: 44081ENAMES
FILE: 040818: SHEETS

USER NAME = _USER_	DESIGNED - STD PLAN	REVISED -
DRAWN -	REVISED -	
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PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

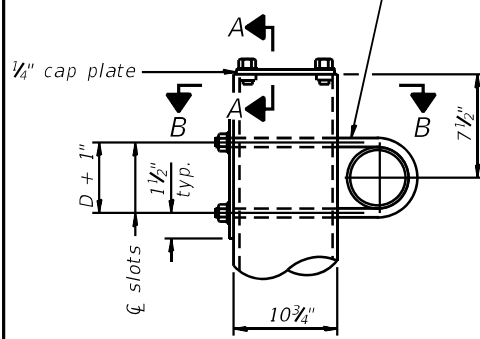
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURE
DAMPING DEVICE**

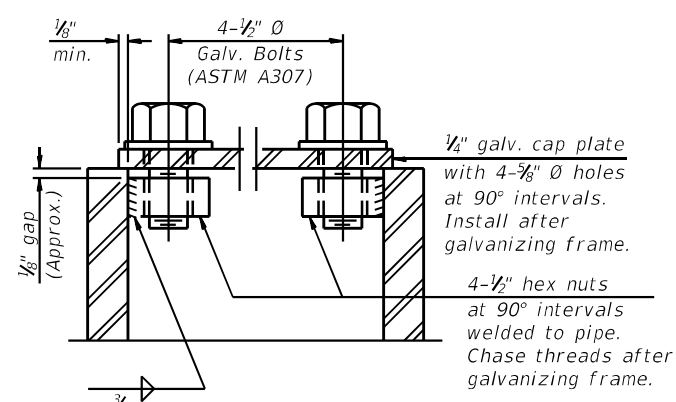
SCALE: 2,0000 ' / in. SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	451
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

$\frac{3}{4}$ " \emptyset stainless steel U-bolt.
Provide two washers and two hexagon locknuts. ④
 $1\frac{3}{16}$ " x 2" slots on \emptyset 10" \emptyset pipe.
(4 slots required per pipe)

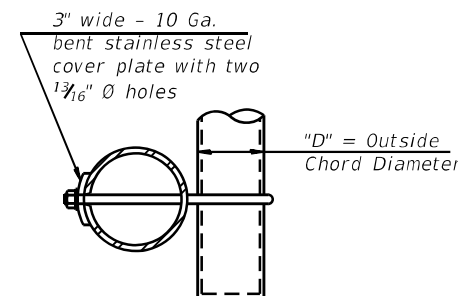


DETAIL A

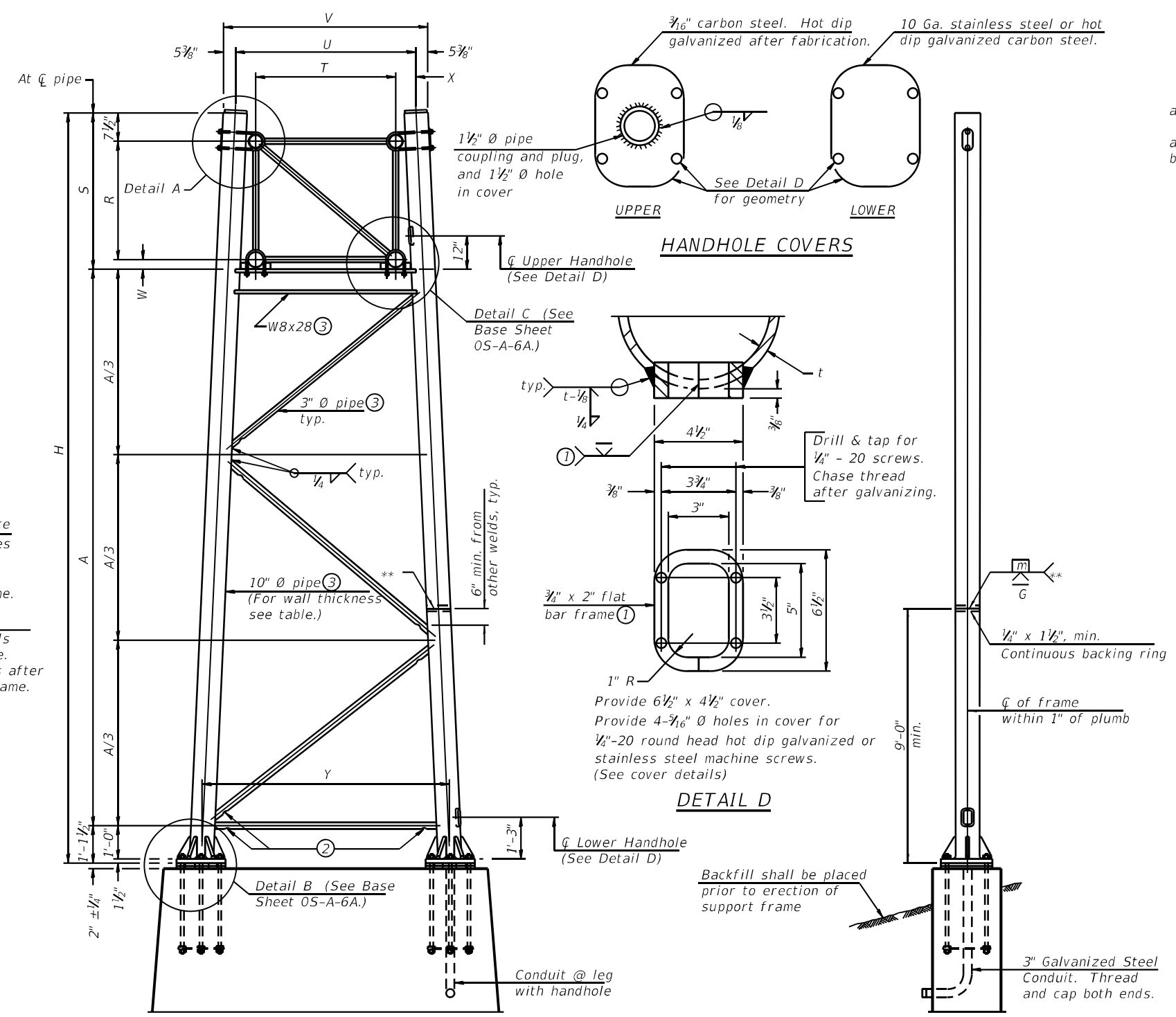


SECTION A-A

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



SECTION B-B



For Foundation Details, see base sheet 05-F3 (Spread Footing) or 05-F3 (Drilled Shaft).

SIDE ELEVATION

Truss Type	Dimensions							
	R	S	T	U	V	W	X	Y
I-A	4'-6"	5'-5 1/2"	4'-0"	5'-6"	6'-4 3/4"	4"	9"	8'-3"
II-A ⑤	5'-3"	6'-3 3/4"	4'-6"	6'-1"	6'-11 3/4"	4 3/4"	9 1/2"	8'-3"

10" \emptyset PIPE TRUSS SUPPORT FRAME

** 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.

Support Design Loads: See Base Sheet 05-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 μ in 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 05-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.

Structure Number	Station	Support		Truss Type	Pipe Wall Thickness	H ⑥	A
		Left	Right				
8S060S111R10.7	521+85	X		I-A	10"	26'-5 3/4"	19'-10 1/4"
8S060S111R10.7	521+85		X	I-A	10"	27'-7 1/4"	21'-0 1/4"
8S060S111L11.0	638+76	X		I-A	10"	26'-10 3/8"	20'-3 3/8"
8S060S111L11.0	638+76		X	I-A	10"	28'-3 3/8"	21'-8 1/4"

05-A-6

2-17-2017

MODEL: 140816NAM1ES
FILE: 040161, 01615

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DRAWN - SRT	CHECKED - JML	REVISED -
PLOT SCALE = 2,0000 ' / in.	DATE - 6/6/2024	REVISED -
PLOT DATE = 6/6/2024		

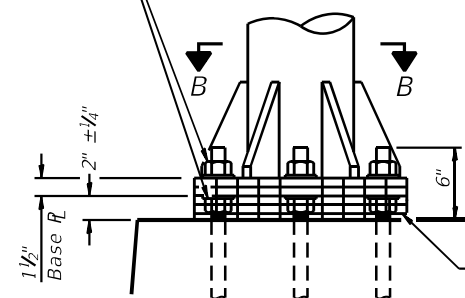
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES
SUPPORT FRAME FOR ALUMINUM TRUSS**

SCALE: 2,0000 ' / in. SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	452
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

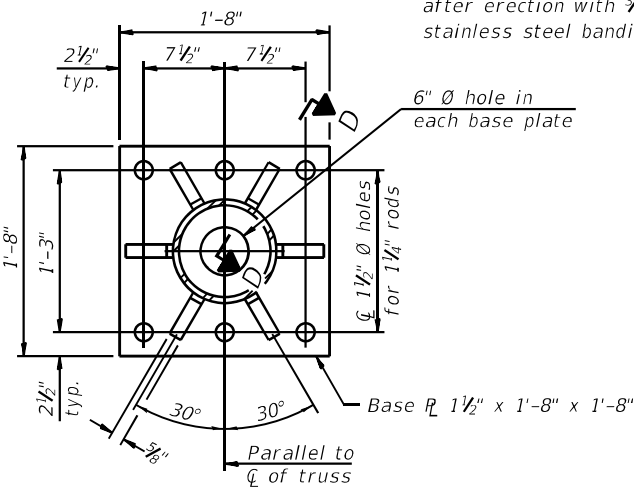
Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.



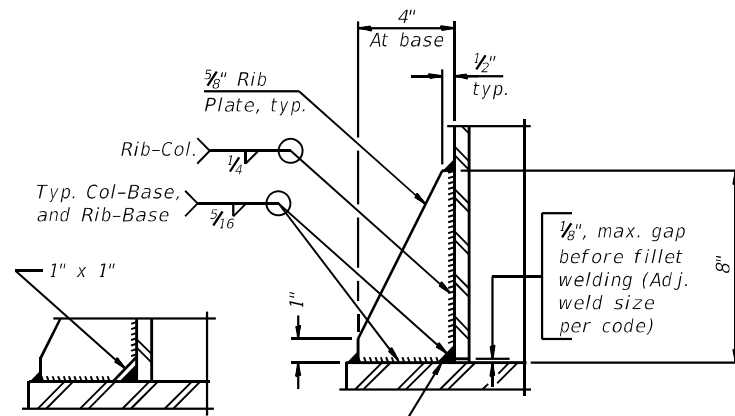
DETAIL B

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.



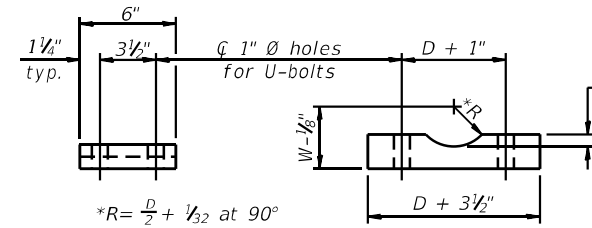
SECTION B-B



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.

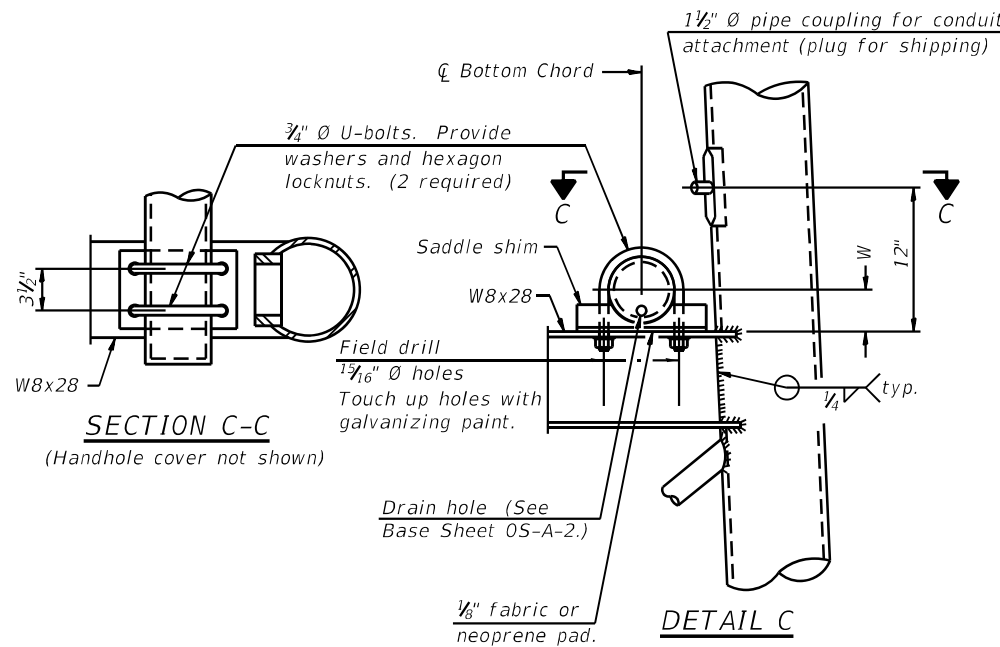
No snip req'd. at rib inside corner if placed before col. to base plate welding.**



SADDLE SHIM DETAIL

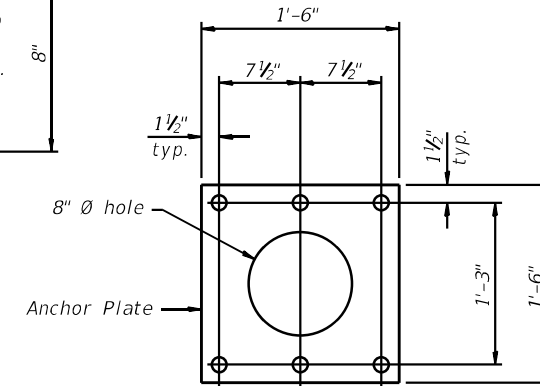
ASTM B26 Alloy 356-F or ASTM B209 Alloy 6061-T651 (4 required per sign truss)

Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	1 3/16"
6"	7/8"
6 1/2"	1 5/16"
7"	1"

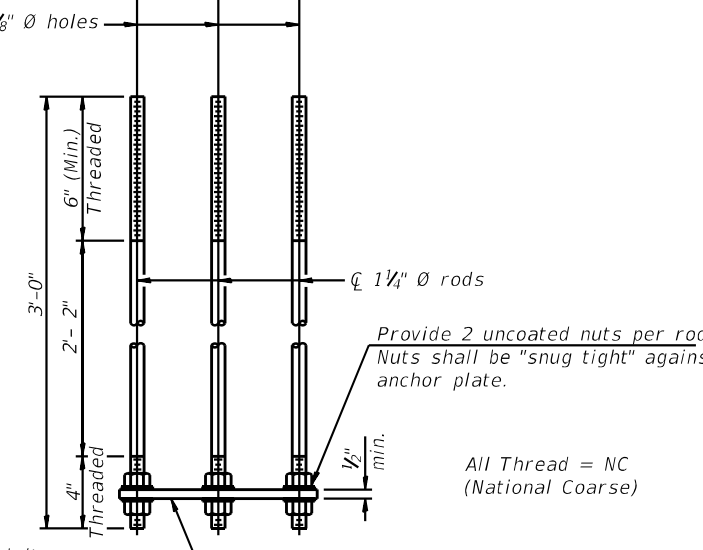


SECTION C-C

DETAIL C



Anchor Plate

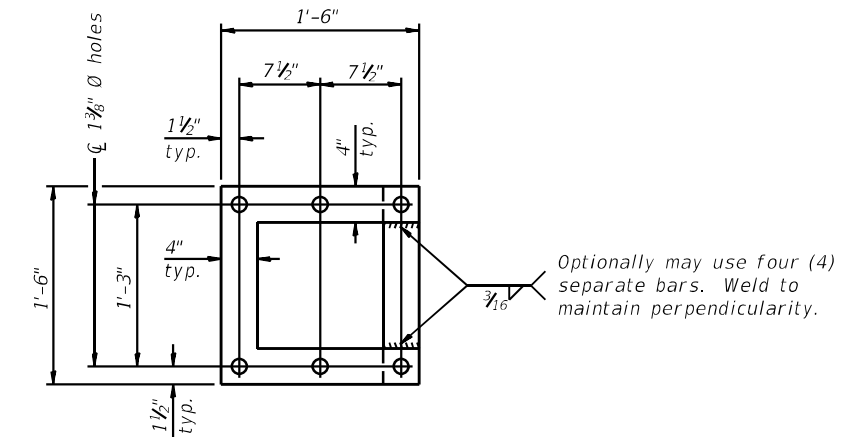


ANCHOR ROD DETAIL
Spread Footing Foundation

All Thread = NC (National Coarse)

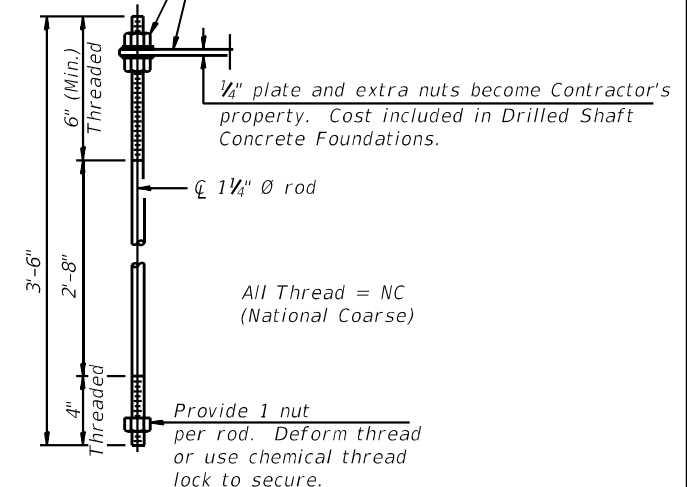
Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize upper 12" minimum per AASHTO M232. No welding shall be permitted on rods.

10" Ø PIPE SUPPORT FRAME DETAILS



POSITIONING PLATE(S)

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



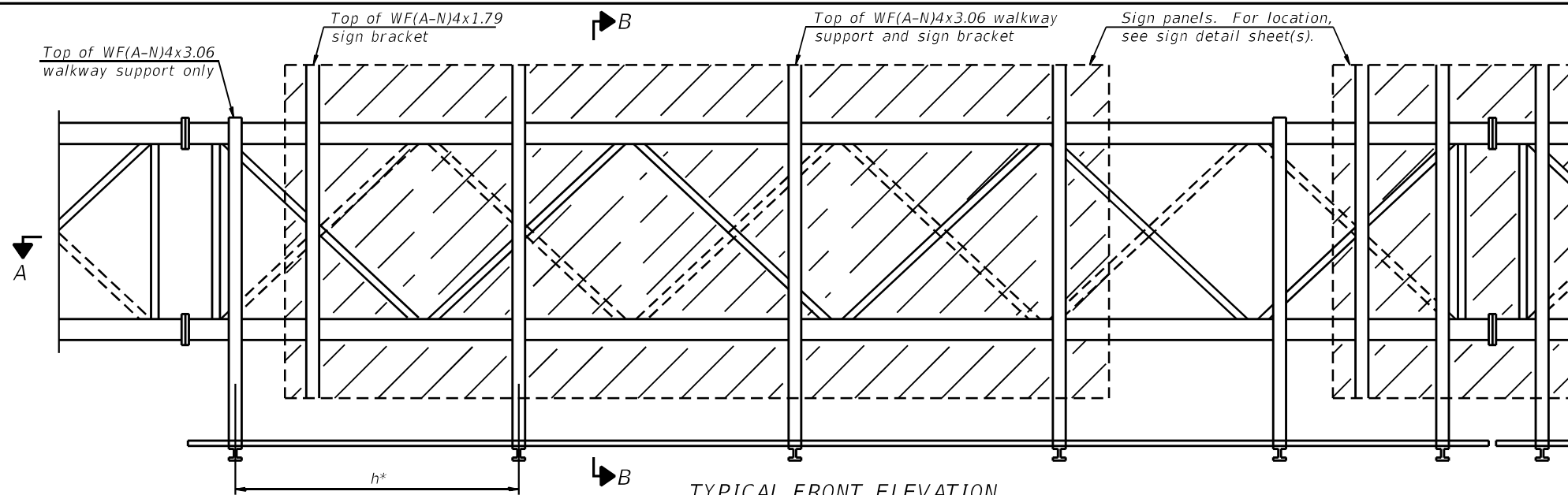
ANCHOR ROD DETAIL
Drilled Shaft Foundation

All Thread = NC (National Coarse)

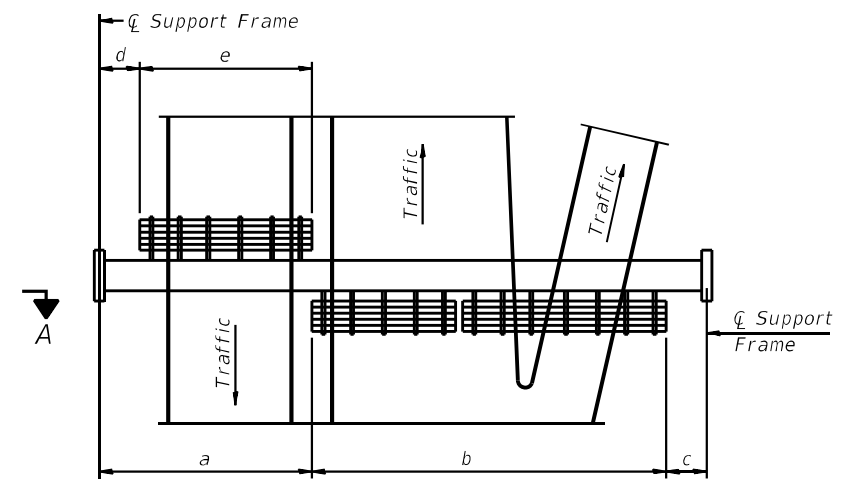
Provide 1 nut per rod. Deform thread or use chemical thread lock to secure.

USER NAME = _USER_	DESIGNED - STD PLAN	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	453
CONTRACT NO. 76818				



TYPICAL FRONT ELEVATION
 With lights and handrail omitted for clarity.
 For Section B-B, see Base Sheet 05-A-10.



PLAN
WALKWAY AND HANDRAIL SKETCH
 (Road plan beneath truss varies)

BRACKET TABLE

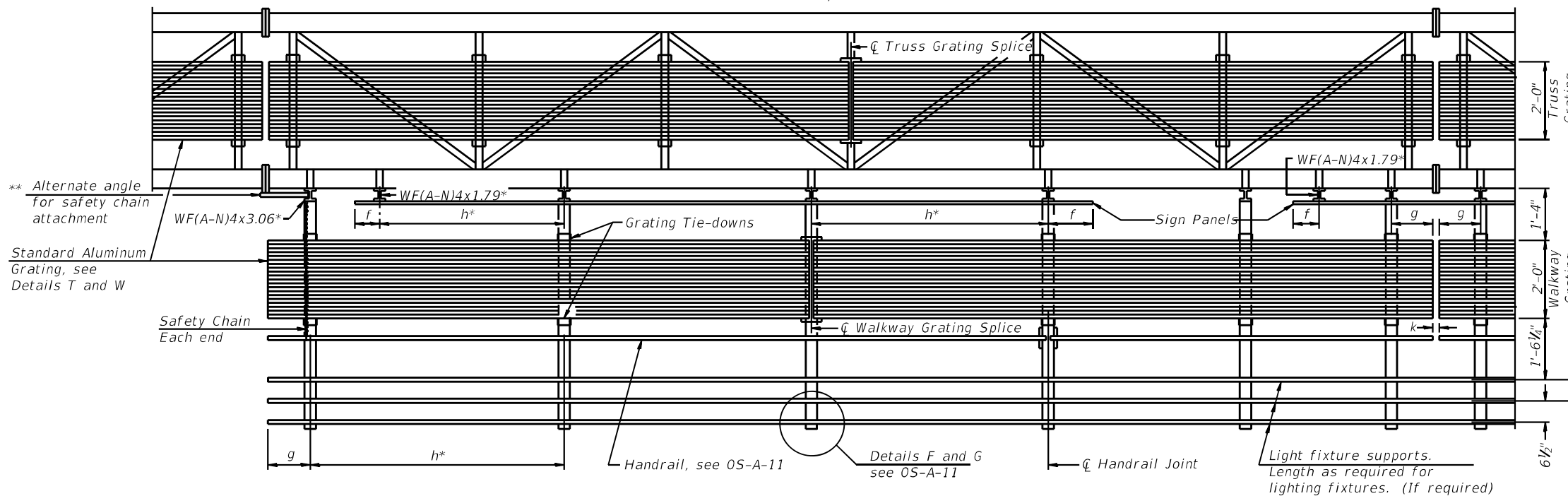
WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

Notes:
 * Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:
 $f = 12"$ maximum, $4"$ minimum (End of sign to ϕ of nearest bracket)
 $g = 12"$ maximum, $4"$ minimum (End of walkway grating to ϕ of nearest support bracket)
 $h = 6'-0"$ maximum (ϕ to ϕ sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)
 $k = 2"$ maximum gap between adjacent walkway grating sections and handrail ends

** If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet 05-A-11.

For Details T and W, Section B-B and Grating Splice Details see Base Sheet 05-A-10.

For Handrail Details see Base Sheet 05-A-11.



SECTION A-A

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Handrail joints, grating, and light support splices placed as needed.

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
8S060S111R10.7	521+85	7'-10"	63'-8"	12'-6"	-	-	63'-8"
8S060S111L11.0	638+76	11'-3"	68'-0"	10'-9"	-	-	68'-0"

Truss grating to facilitate inspection shall run full length (center to center of support frames) $\pm 12"$ on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Walkway and Truss Grating width dimensions are nominal and may vary $\pm 1/2"$ based on available standard widths.

MODEL: 4400BLENAMES
 FILE NAME: 05-A-9

05-A-9 2-17-2017

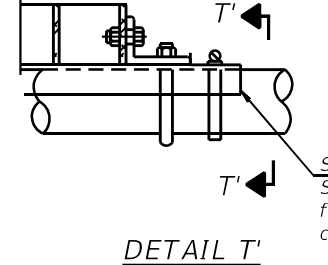
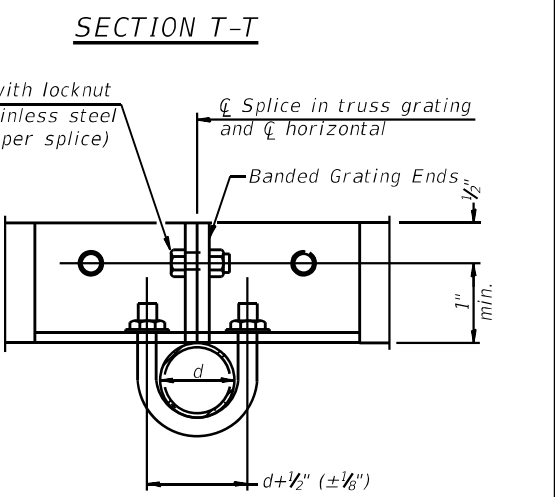
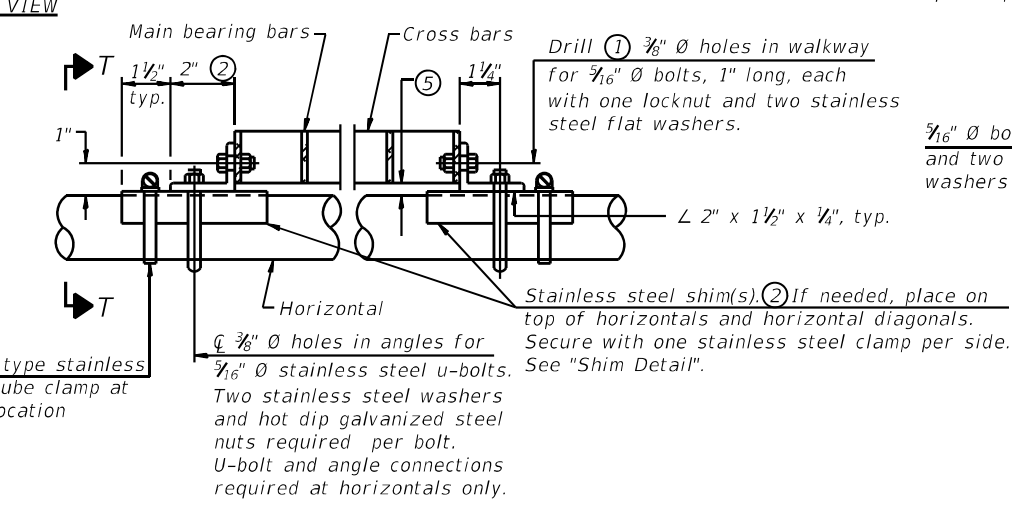
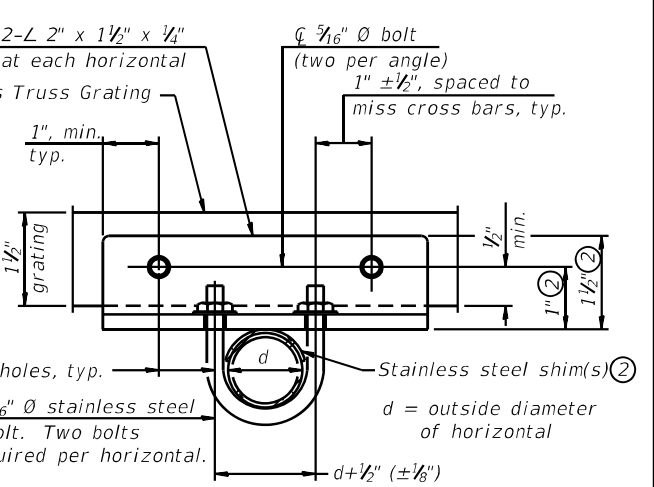
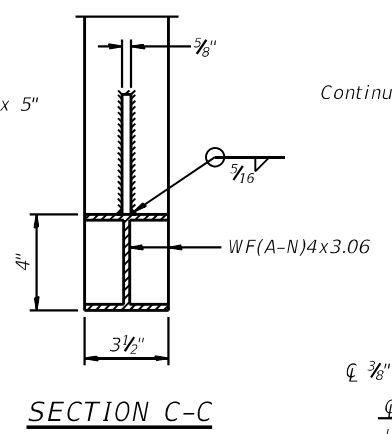
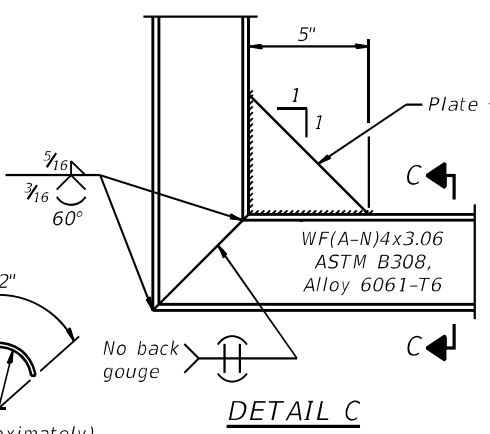
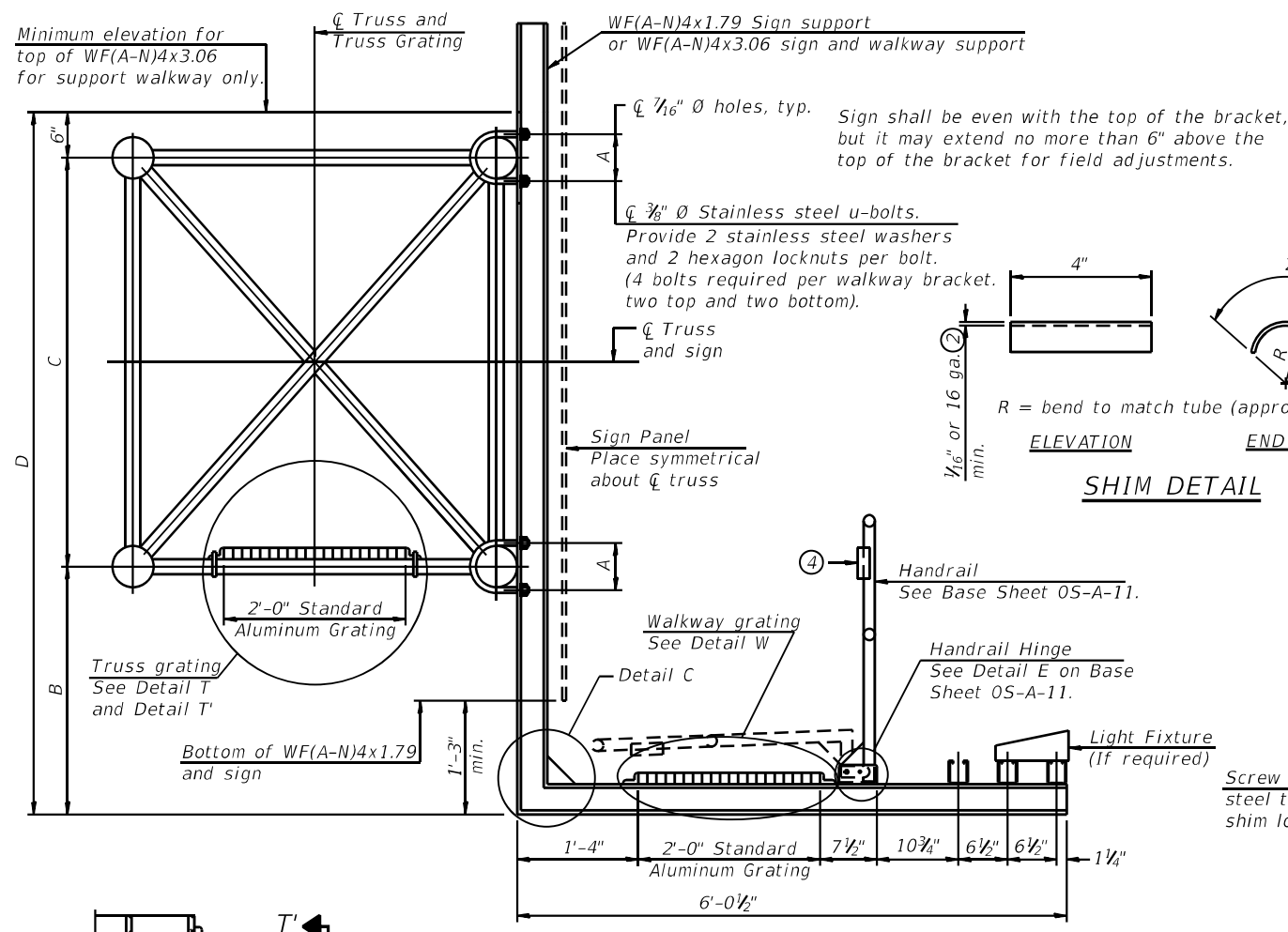
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

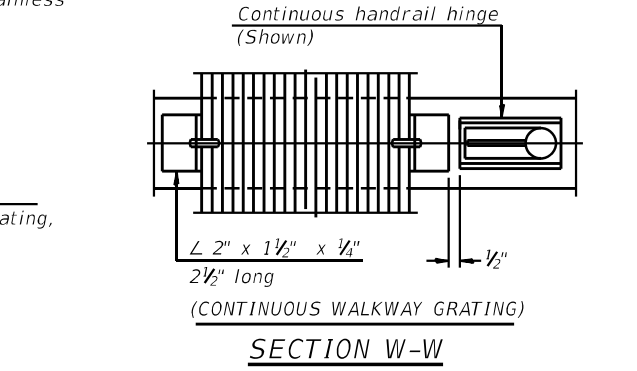
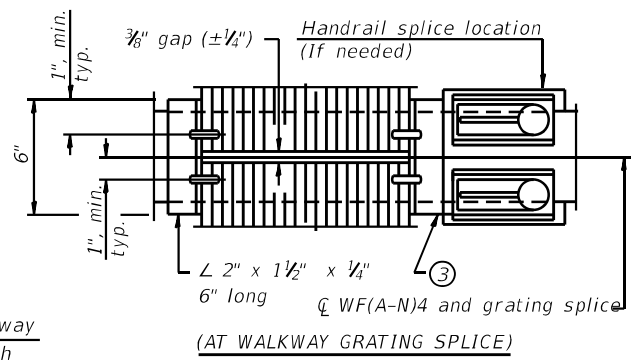
OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS

SCALE: 2,0000 ' / in. SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	454
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	



SECTION B-B



SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be 3/8" x 1 1/2" on 1 3/8" centers and conform to ASTM B221 Alloy 6061-T6.
 Cross bars shall be 3/8" 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 3/8" centers.
 Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	Station	A	⑥ B	C	⑥ D
8S060S111R10.7	521+85	5 3/8"	6'-6"	4'-6"	11'-6"
8S060S111L11.0	638+76	5 3/8"	7'-0"	4'-6"	12'-0"

- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- 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.
- If Handrail Joint present, weld angle to WF(A-N)4 and 1/4" extension bars. (See Base Sheet OS-A-11.)
- 1/2" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- Tube to grating gap may vary from 0 to 1/2", max. to align walkway, allow for camber, etc.
- Based on actual height of tallest sign given on OS-A-1.

05-A-10

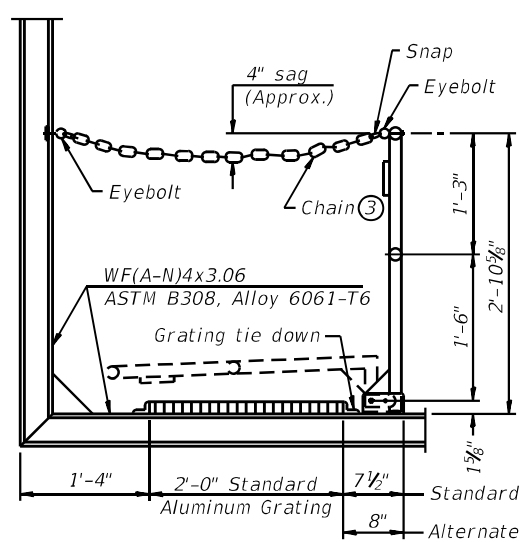
2-17-2017

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PLOT DATE = 6/6/2024	CHECKED - JML	REVISED -
	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

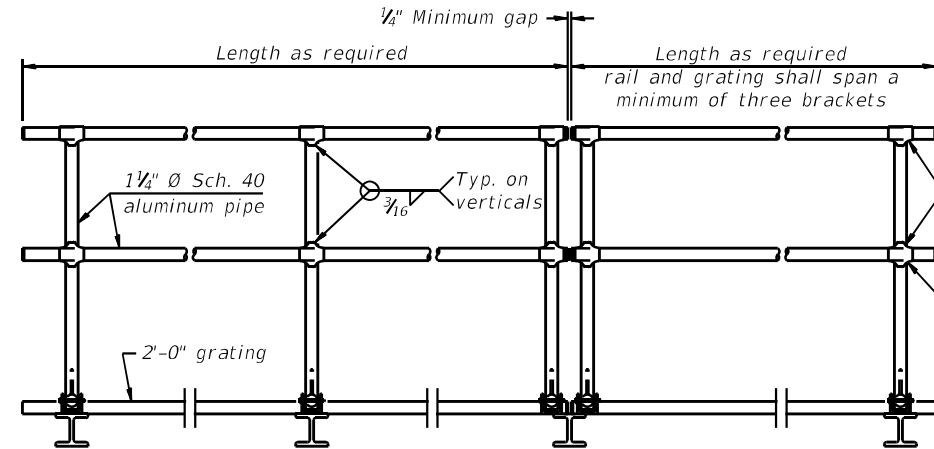
OVERHEAD SIGN STRUCTURES ALUMINUM WALKWAY DETAILS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 2,0000 ' / in.		270	60-3K-1	MADISON	576	455
SHEET 8 OF 9 SHEETS		TO STA.		CONTRACT NO. 76818		

ILLINOIS	FED. AID PROJECT
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SIDE ELEVATION

(Showing safety chain w/o sign)

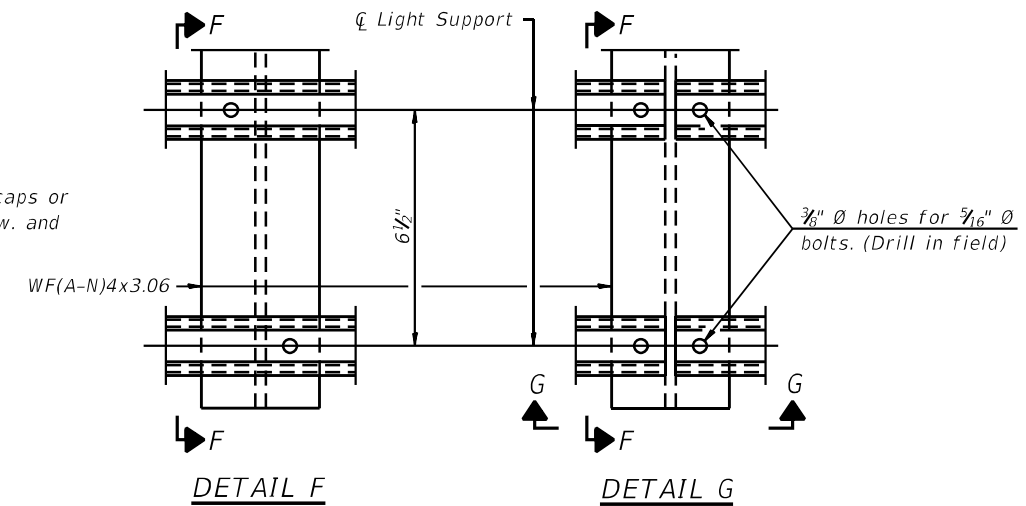


FRONT ELEVATION

HANDRAIL DETAILS

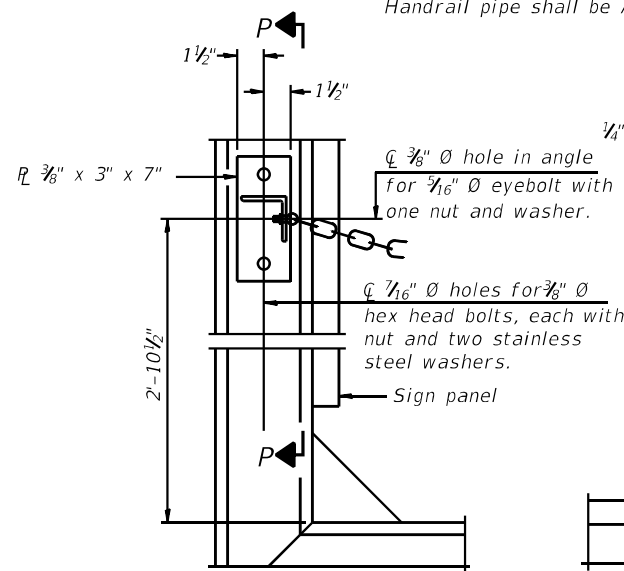
Handrail pipe shall be ASTM B241 or B429, Alloy 6063-T6 or Alloy 6061-T6.

- ① Install standard force-fit end caps or weld 1/8" end plates with 1/8" c.f.w. and grind smooth. (All rail ends)
- ② Horizontal handrail member shall be continuous thru fitting. Provide 7/16" Ø hole in fitting for 3/8" Ø bolt. Field drill 7/16" Ø hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use 5/16" eyebolts in 7/16" Ø holes on top rail at ends only.)



DETAIL F

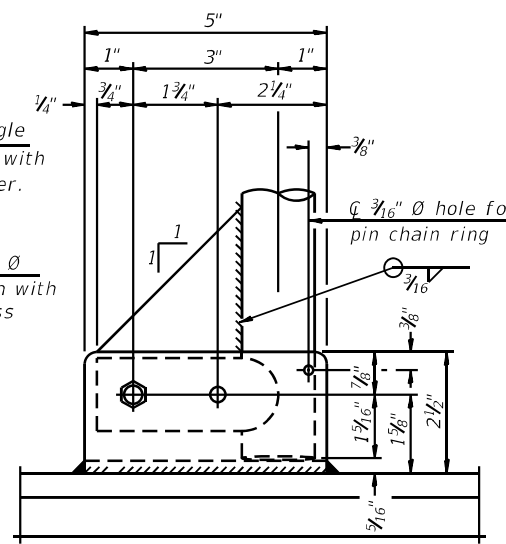
DETAIL G



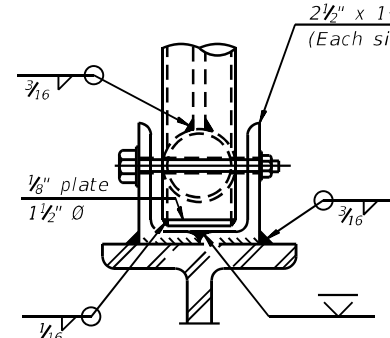
ALTERNATE SAFETY CHAIN ATTACHMENT

(With Sign Present)

Items not shown same as "Side Elevation" of "Handrail Details"

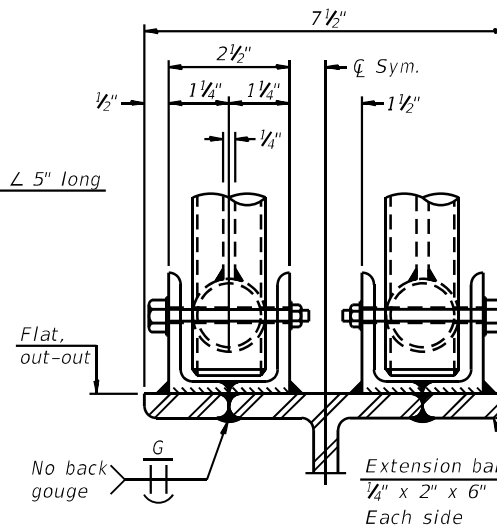


SIDE ELEVATION

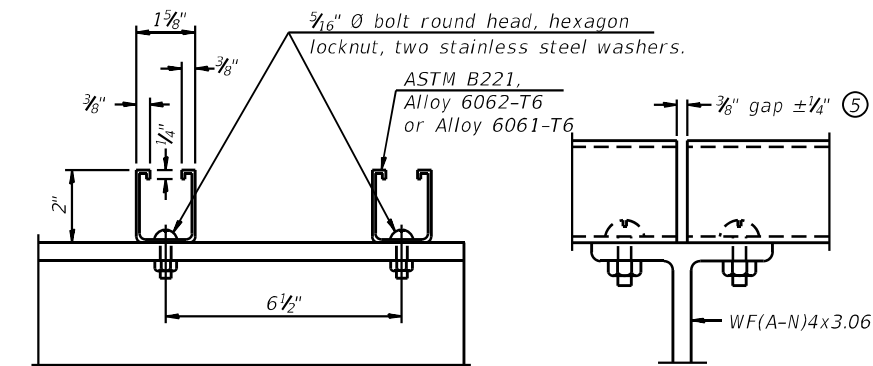


FRONT ELEVATION

See "Elevation" at right for dimensions.



ELEVATION AT HANDRAIL JOINT

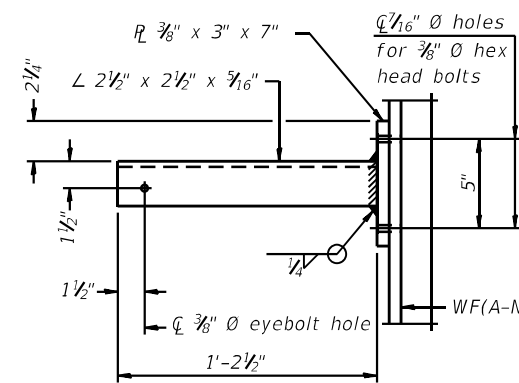


SECTION F-F

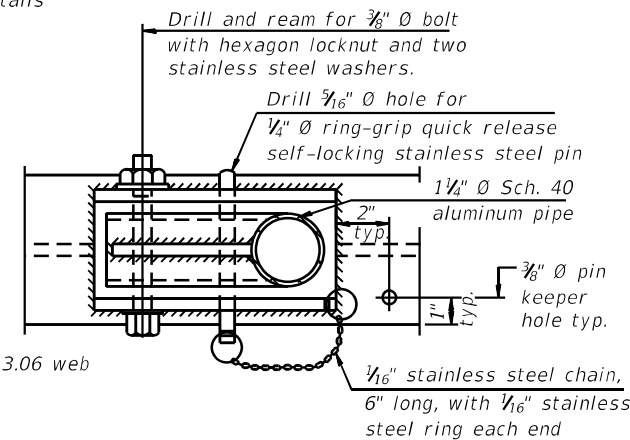
SECTION G-G

LIGHTING FIXTURE MOUNTS (IF REQUIRED)

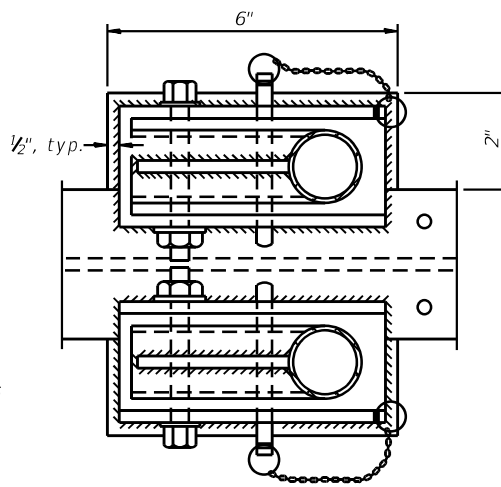
- ⑤ Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.



SECTION P-P

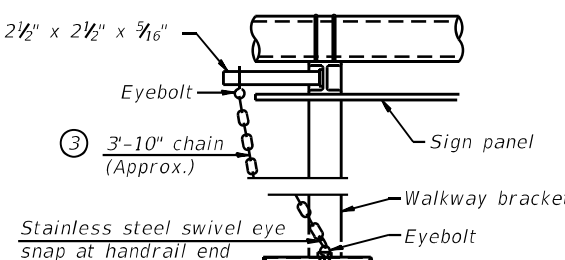


PLAN DETAIL E HANDRAIL HINGE



PLAN AT HANDRAIL JOINT

Details not shown same as "PLAN"

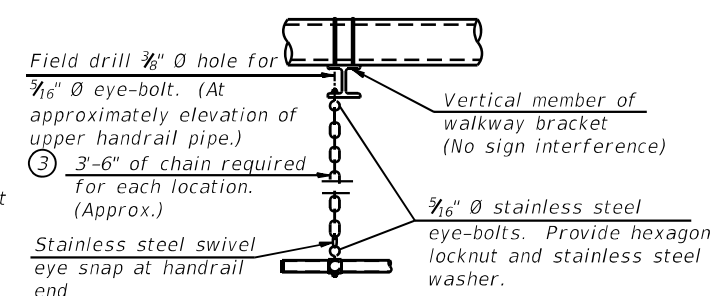


ALTERNATE SAFETY CHAIN ATTACHMENT

Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)

- ③ 3/16" Type 304L stainless steel chain, approximately 12 links per foot.

- ④ Extrusions may be used in lieu of the details shown, with approval of the Engineer.



SAFETY CHAIN

One required for each end of each walkway.

MODEL NUMBER
FILE NUMBER SHEETS

05-A-11

2-17-2017

USER NAME = _USER_	DESIGNED - STD PLAN	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/6/2024	CHECKED -	REVISED -
	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
ALUMINUM HANDRAIL DETAILS

SCALE: 2,0000' / in. SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	456
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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.

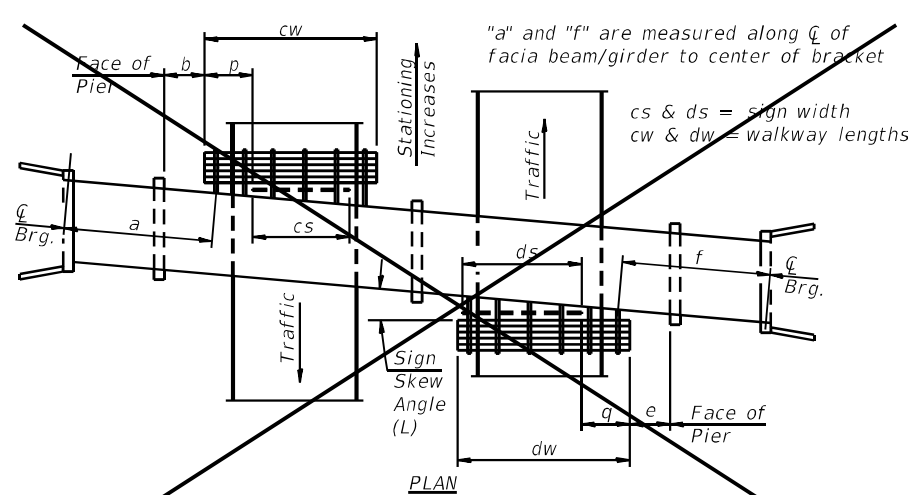
GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

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".

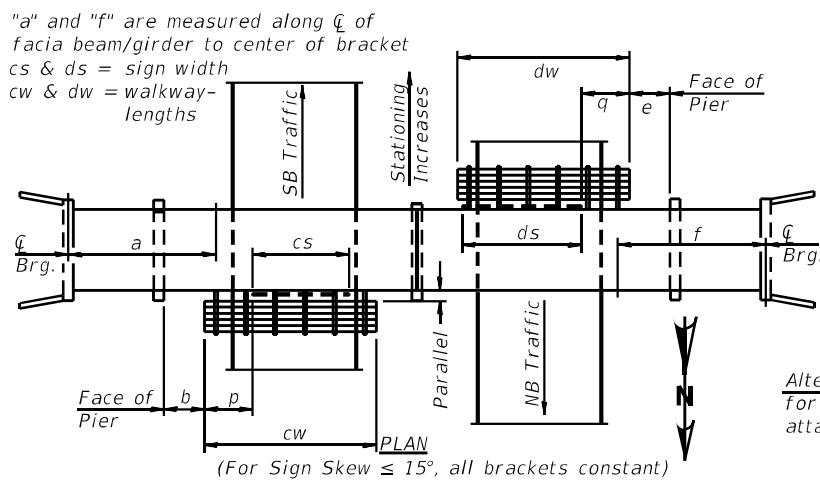
- ① Bracket spacing $g \leq 6'-0"$, max. Spacing shall be uniform if possible but may vary $\pm 6"$ to miss existing obstruction (rail post, light poles, web stiffeners, splice plates, etc.). Adjust bracket lengths accordingly on skewed structures.
- ② Any design modifications shall be based on the current version of applicable specifications and submitted for the Engineer's approval.
- ③ Unit price includes grating, handrail, brackets, supports, anchor bolts, fasteners, fabrication, delivery, erection, field drilling and other necessary items. Limits of payment are based on grating length (cw, dw) unless otherwise specified. For Safety Chain Details and Details D, F and G, see Base Sheet BM-4.
- 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

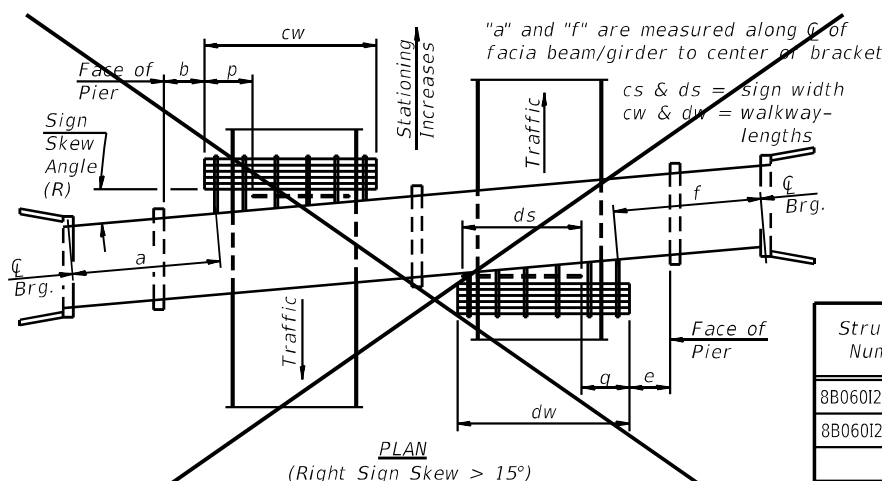
③ OVERHEAD SIGN STRUCTURE-BRIDGE MOUNTED	Foot	42'-4"
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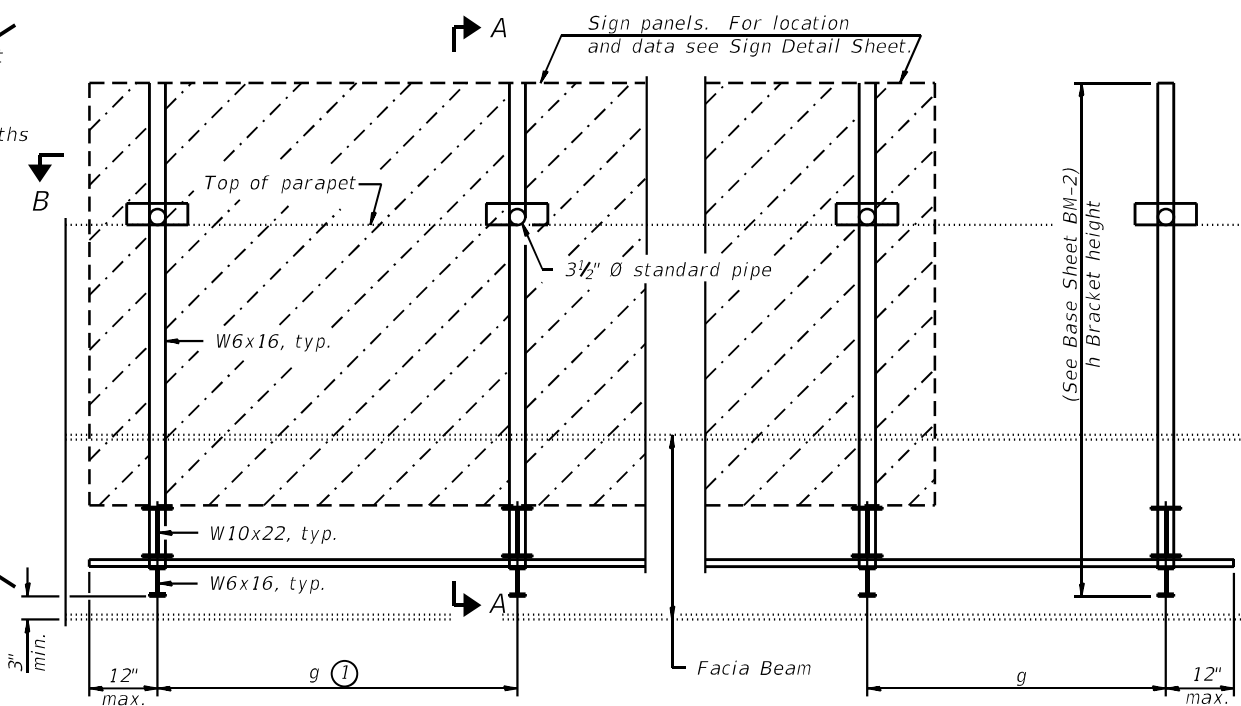
WALKWAY AND HANDRAIL SKETCH
(Road plan beneath structure varies.)



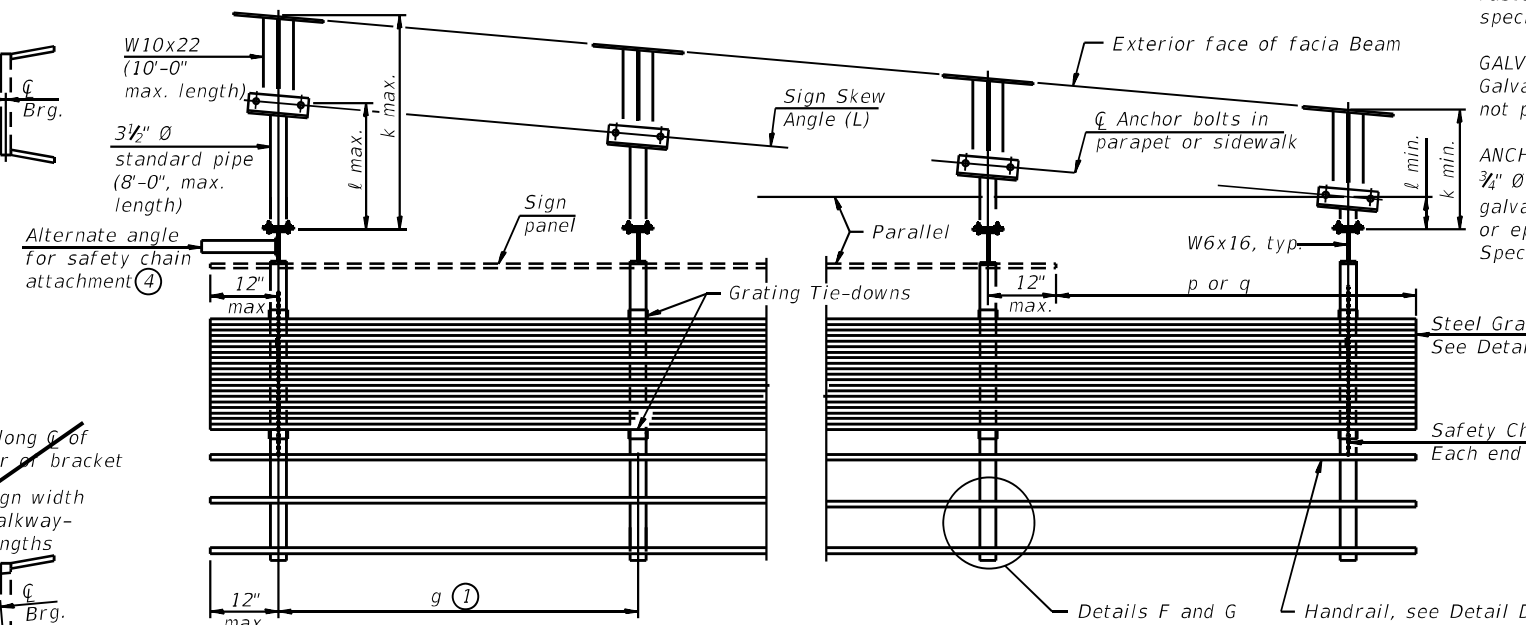
WALKWAY AND HANDRAIL SKETCH
(Road plan beneath structure varies.)



WALKWAY AND HANDRAIL SKETCH
(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)
8B0601270R005.8	N/A	30+00	060-0046	FAI-270	-	-	-	-	16'-6"	21'-8"	1'-7"	45'-0"	5'-2"	5	-	5'-2"	21'-8"
8B0601270L005.8	N/A	30+00	060-0047	FAI-270	43'-2"	0'-0"	16'-6"	20'-8"	-	-	-	-	4'-10"	5	4'-1 1/2"	-	20'-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.

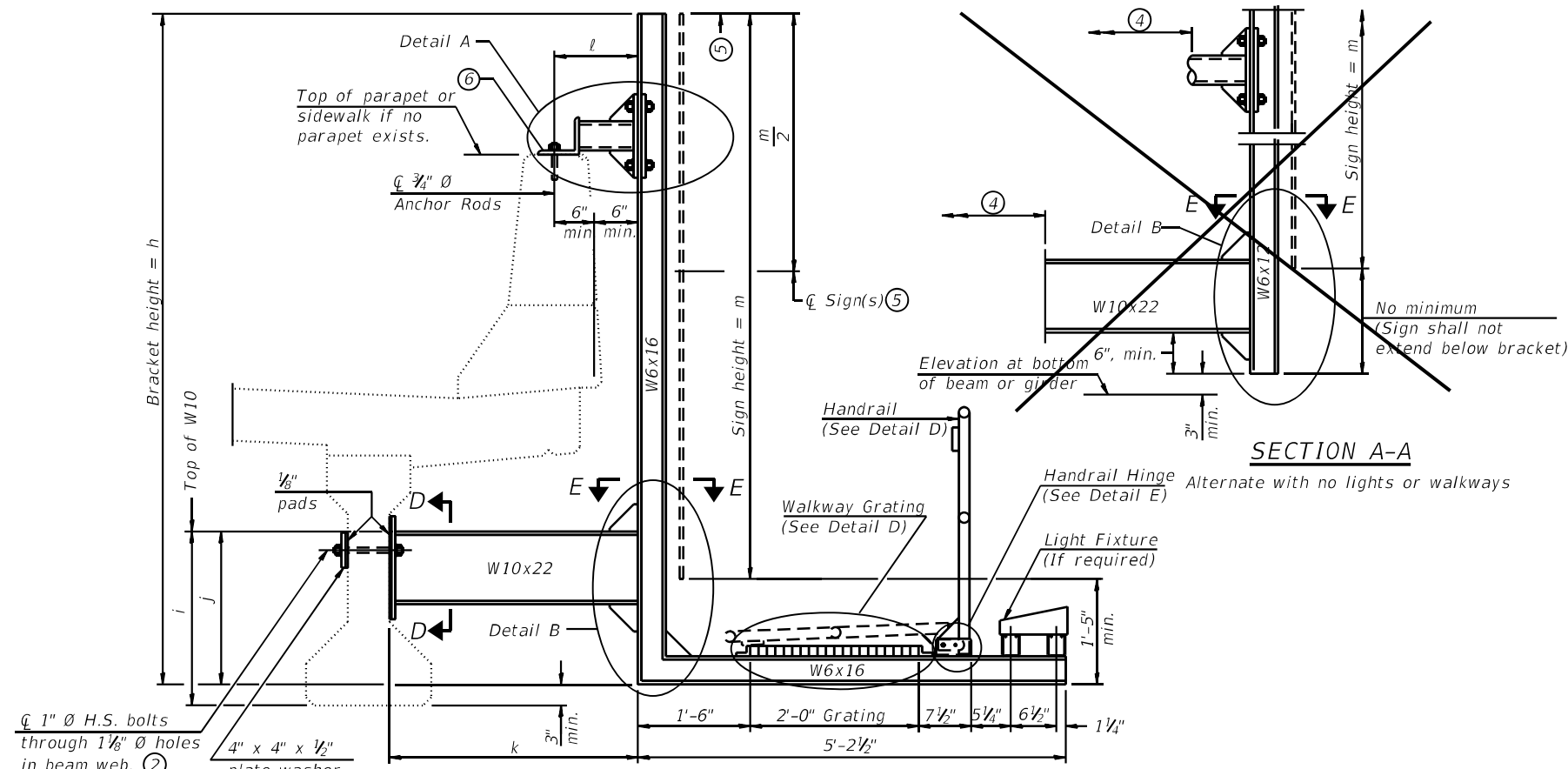
MODEL: 3400BENAMES
FILE: 3400BENAMES
BM-1-SPECIAL 2-17-2017

USER NAME = _USER_	DESIGNED - STD PLAN	REVISED -
DRAWN - GDO	REVISED -	
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PLOT DATE = 6/6/2024	DATE - 6/6/2024	REVISED -

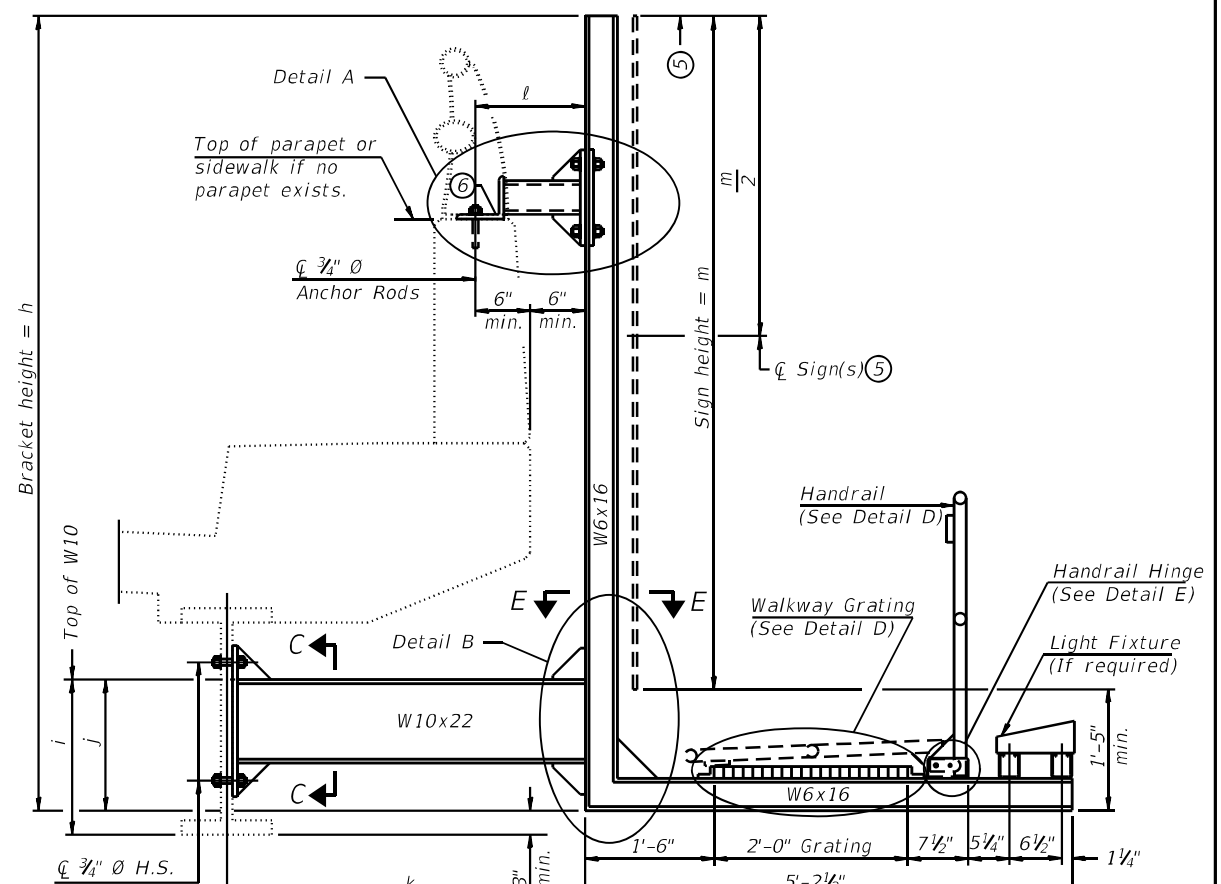
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BRIDGE MOUNT SIGN STRUCTURES GENERAL PLAN AND ELEVATION	
SCALE: 2,0000 ' / in.	SHEET 11 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	458
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	



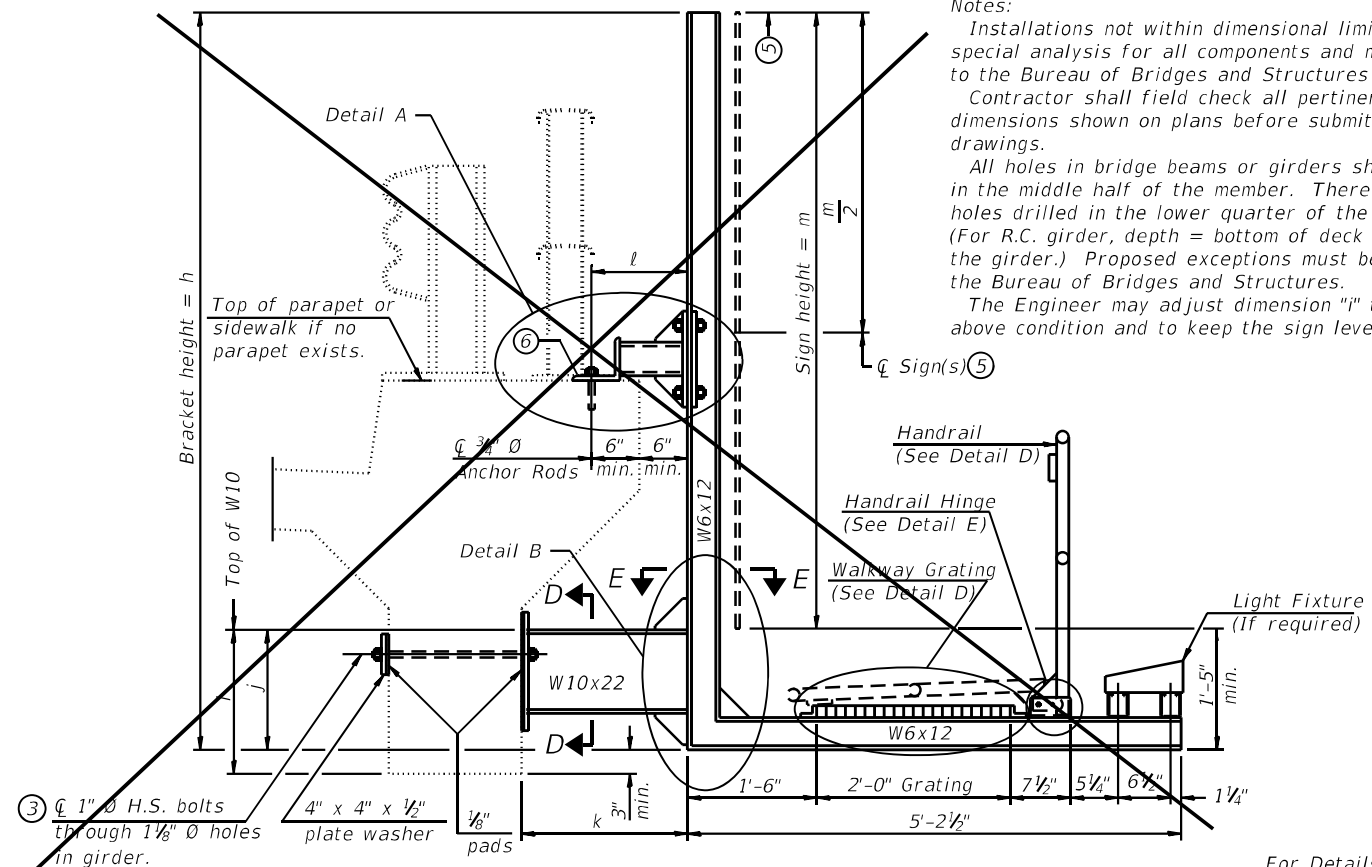
SECTION A-A Details for mounting to PPC I Beam or Bulb "T" & Details for mounting to parapet w/o rail



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

Notes:
 Installations not within dimensional limits shown require special analysis for all components and must be submitted to the Bureau of Bridges and Structures for approval. Contractor shall field check all pertinent existing bridge dimensions shown on plans before submitting shop drawings.
 All holes in bridge beams or girders should be located in the middle half of the member. There shall be no holes drilled in the lower quarter of the member's depth. (For R.C. girder, depth = bottom of deck to bottom of the girder.) Proposed exceptions must be approved by the Bureau of Bridges and Structures.
 The Engineer may adjust dimension "i" to meet the above condition and to keep the sign level.

- ① Holes in new steel members may be drilled in the fabrication shop or in the field. Field drill existing members.
- ② For new PPC I beams, holes shall be formed during casting. For existing PPC I beams, prestressing strand locations shall be determined and spaced to miss strands by 6", min. Minimize spalling during field drilling of existing beams.
- ③ For new construction, form holes. For existing RC beams, locate primary reinforcement and space holes to miss by 6", min. Minimize spalling and concrete fracturing/damage during field drilling of existing concrete. Spalls over 1/4" deep or beyond the coverage of the 4x4 plate washer shall be repaired with epoxy mortar before installing washer.
- ④ For attachment details of 3/2" pipe and W10x22, see other sections as applicable.
- ⑤ Sign shall not extend more than 6" above top of bracket, and this dimension may vary to keep sign level if bridge is on grade or vertical curve. Multiple signs of various heights shall share a common horizontal centerline and use equal bracket heights. If no sign is attached to a W6x16 vertical (bracket only supporting walkway), dimension h shall be the same as an adjacent bracket with a sign attached, unless Engineer specifically directs shorter brackets due to locational restraints on future uses. (See Detail A for minimum bracket height.)
- ⑥ For bridge mounted sign structures installed on new bridges with railing, during design, bracket spacing must be coordinated with railing post spacing and the Contractor must install upper brackets prior to railing installation. For bridge mounted sign structures installed on existing bridges with railing, during design, brackets spacing must be coordinated with railing post spacing and the Contractor must temporarily remove sections of railing to facilitate upper bracket installation. If it is determined during design that existing railings can't be removed, alternate upper connection details must be developed for the contract plans and approved by the Bureau of Bridges and Structures.



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

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.

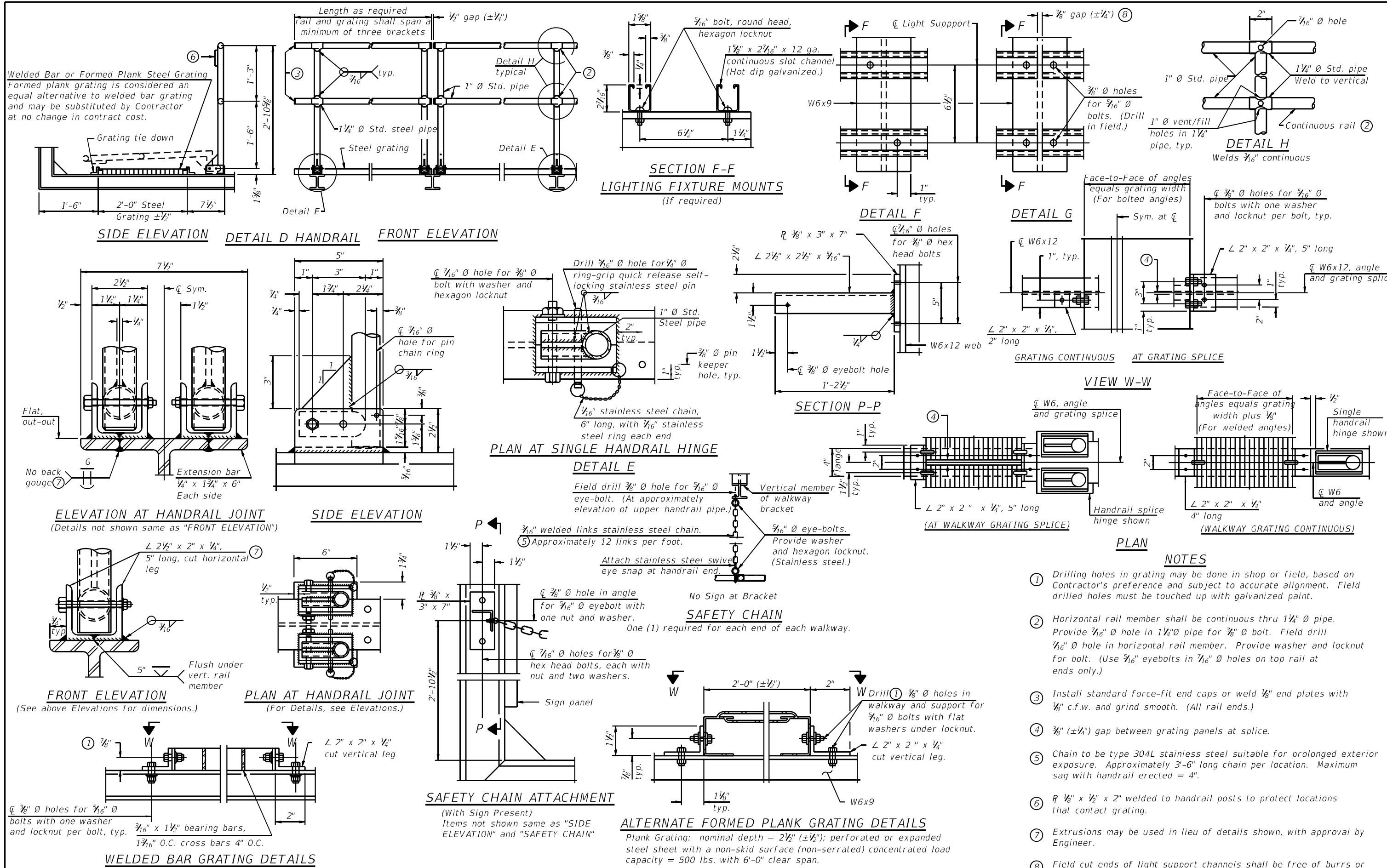
Structure Number	Station	h	i	j	k max. (10'-0" max.)	l max. (8'-0" max.)	m (15'-0" max.)
8B0601270R005.8	30+00	18'-0"	1'-11"	1'-8"	4'-0"	2'-6"	16'-0"
8B0601270L005.8	30+00	18'-0"	1'-11"	1'-8"	4'-0"	2'-6"	13'-6"

BM-2-SPECIAL

USER NAME = _USER_	DESIGNED - STD PLAN	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN - GDO	REVISED -
PLOT DATE = 6/6/2024	CHECKED - JML	REVISED -
	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BRIDGE MOUNT SIGN STRUCTURES WALKWAY AND CONNECTION DETAILS		F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS 576	SHEET NO. 459
SCALE: 2,0000' / in.		SHEET 12 OF 4 SHEETS STA. TO STA.		CONTRACT NO. 76818		
ILLINOIS		FED. AID PROJECT				



MODEL NUMBER/REVIEWS
FILE NUMBER/REVIEWS

BM-4

2-17-2017

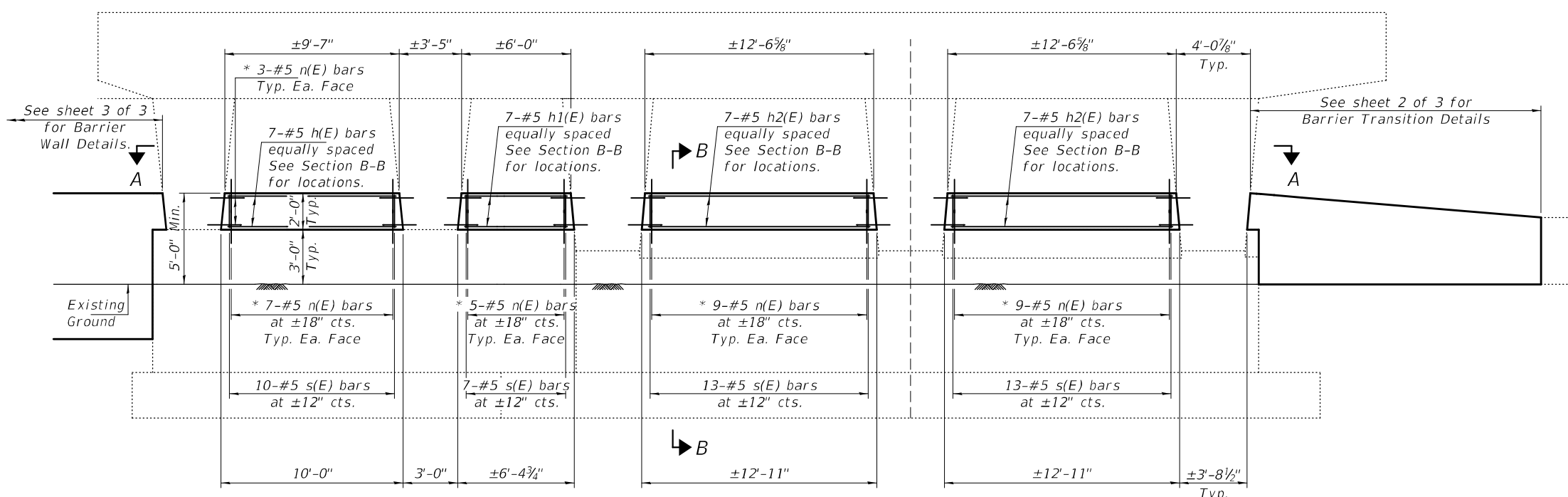
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PLOT SCALE = 2,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/6/2024	CHECKED -	REVISED -
	DATE - 6/6/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

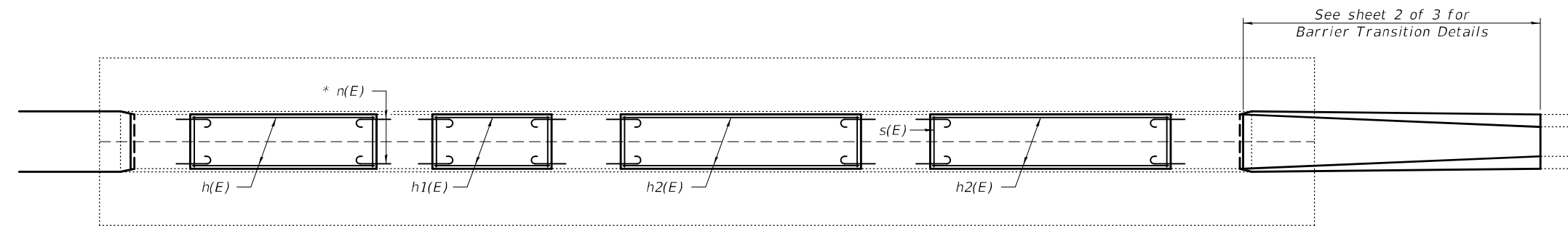
BRIDGE MOUNT SIGN STRUCTURES
WALKWAY DETAILS

SCALE: 2,0000 ' / in. SHEET 14 OF 4 SHEETS STA. TO STA.

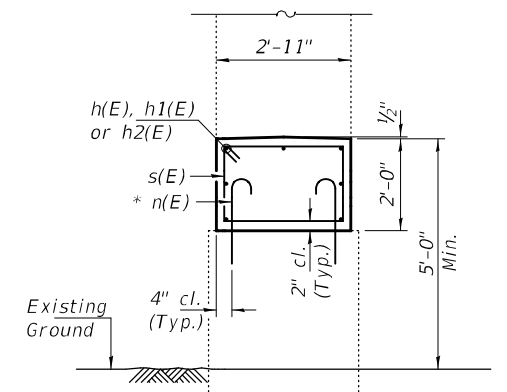
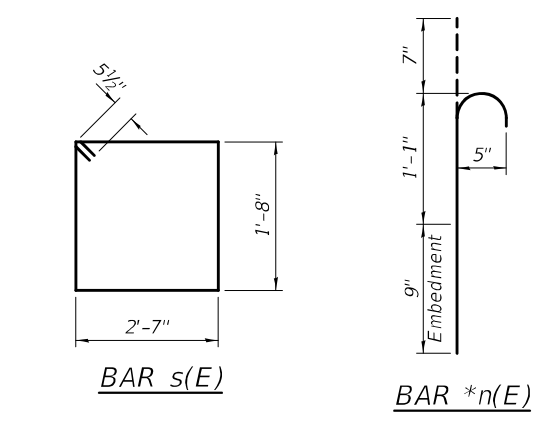
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	461
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	



ELEVATION



SECTION A-A



SECTION B-B

* Epoxy grout n(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. Reinforcement bars designated (E) shall be epoxy coated.

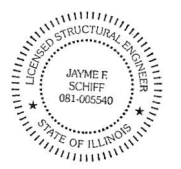
TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Structures	Cu. Yd.	58.5
Protective Coat	Sq. Yd.	163
Reinforcement Bars, Epoxy Coated	Pound	4150
Silicone Joint Sealer, 1 3/4"	Foot	247
Structural Repair of Concrete (Depth ≤ 5")	Sq. Ft.	965
Structural Repair of Concrete (Depth > 5")	Sq. Ft.	313

BILL OF MATERIAL - PIER 2 (BOTH STRUCTURES)

Bar	No.	Size	Length	Shape
h(E)	14	#5	9'-3"	—
h1(E)	14	#5	5'-8"	—
h2(E)	28	#5	12'-3"	—
n(E)	216	#5	2'-5"	⌋
s(E)	86	#5	9'-5"	□
Concrete Structures		Cu. Yd.	24.7	
Protective Coat		Sq. Yd.	88	
Reinforcement Bars, Epoxy Coated		Pound	1970	

** Apply to new concrete only.



EXPIRES 11-30-2024

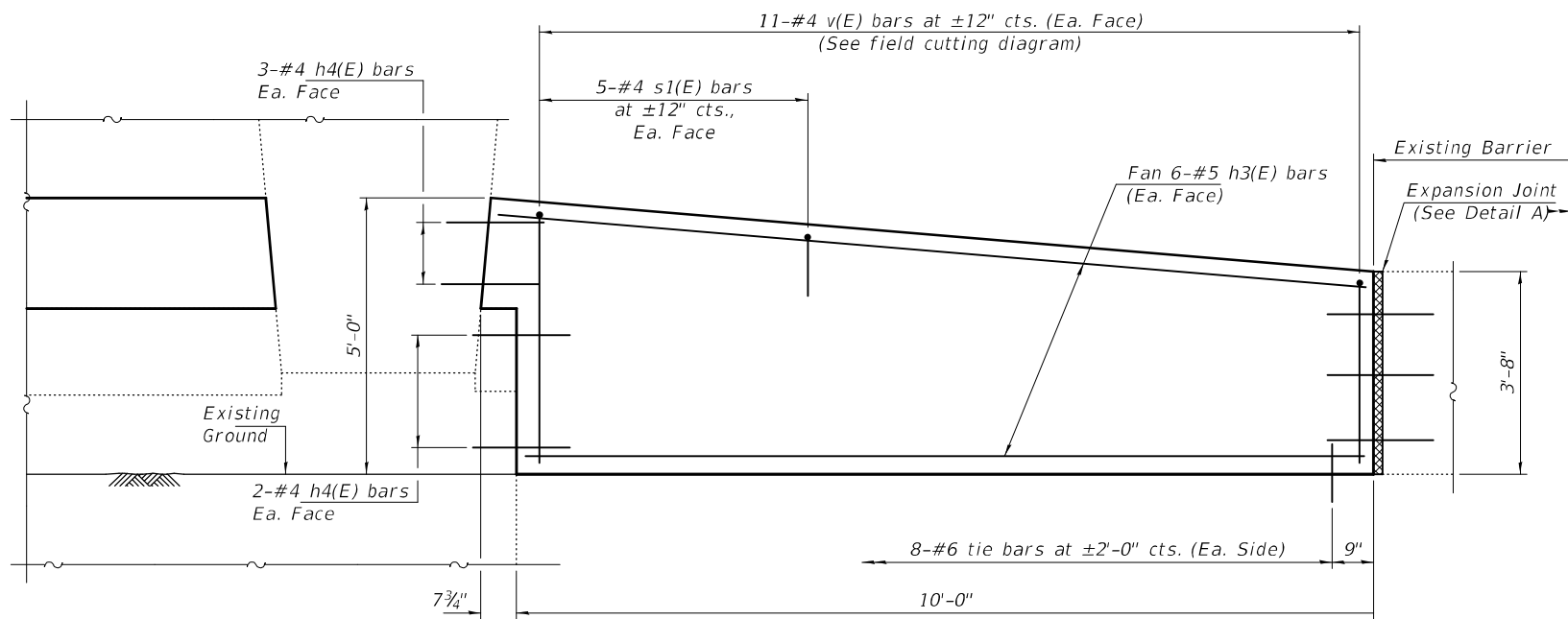
DESIGNED - Victor H. Veliz	EXAMINED - <i>Jayme F. Schiff</i>	DATE - JULY 1, 2024
CHECKED - Stephen M. Ryan	PASSED - <i>Jayme F. Schiff</i>	REVISER -
DRAWN - daburdell		REVISER -
CHECKED - VHV SMR		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

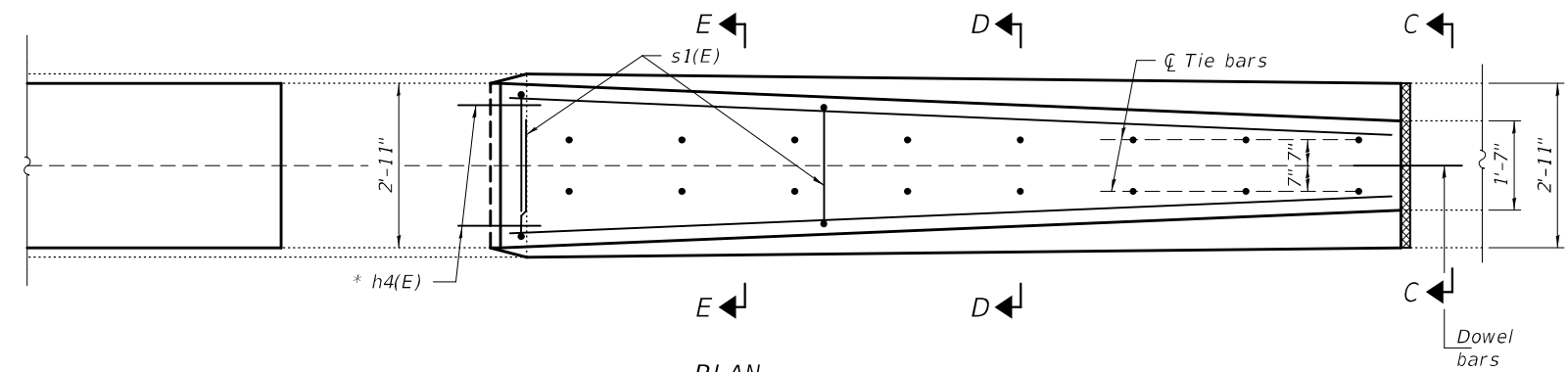
CRASHWALL EXTENSIONS - PIER 2
FAI 270 OVER IL 111
SN 060-0046 (EB) & 0047 (WB)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	462
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

SHEET NO. 1 OF 4 SHEETS

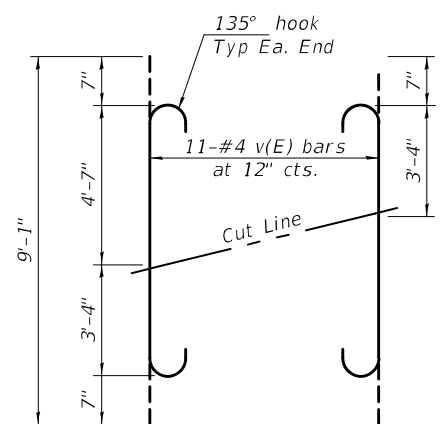


ELEVATION



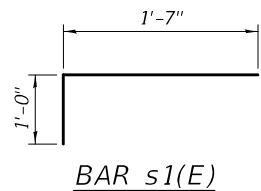
PLAN

* Epoxy grout h2(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

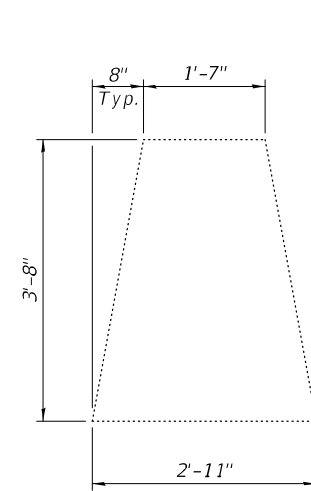


FIELD CUTTING DIAGRAM

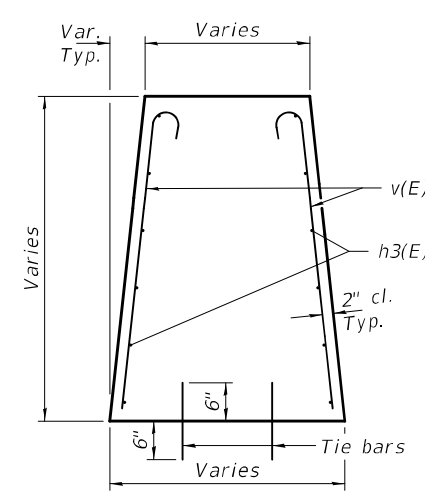
Order v(E) bars full length. Cut as shown and use remainder of bars in opposite face.



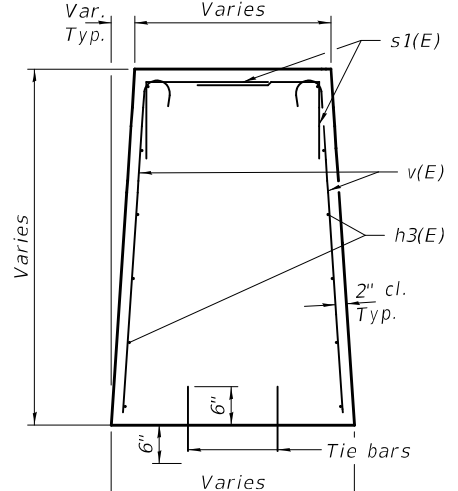
BAR s1(E)



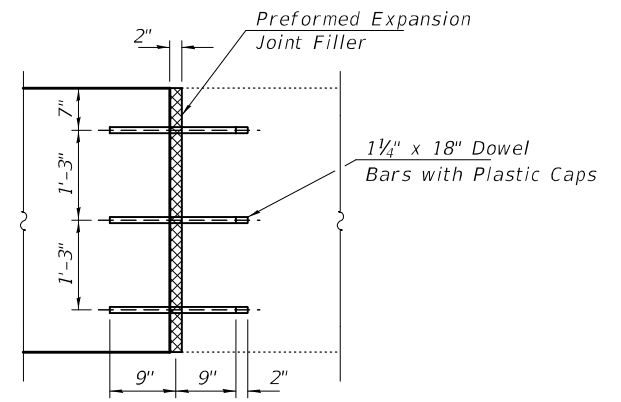
SECTION C-C



SECTION D-D

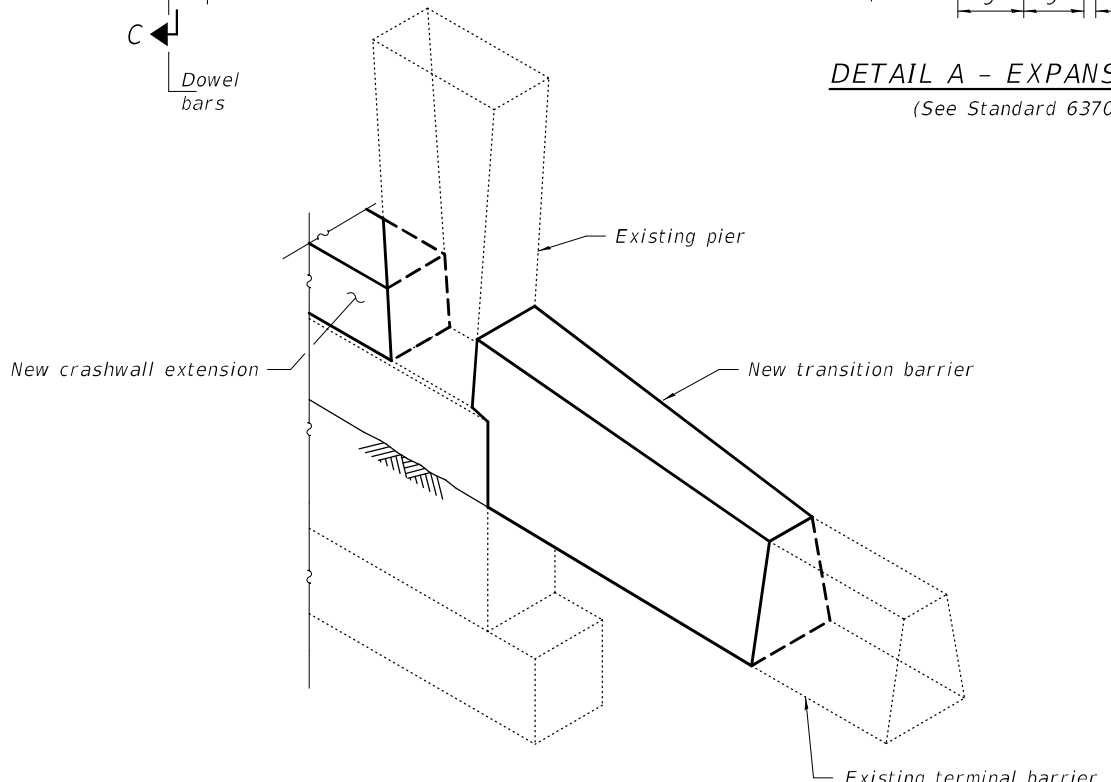


SECTION E-E



DETAIL A - EXPANSION JOINT

(See Standard 637006-04)



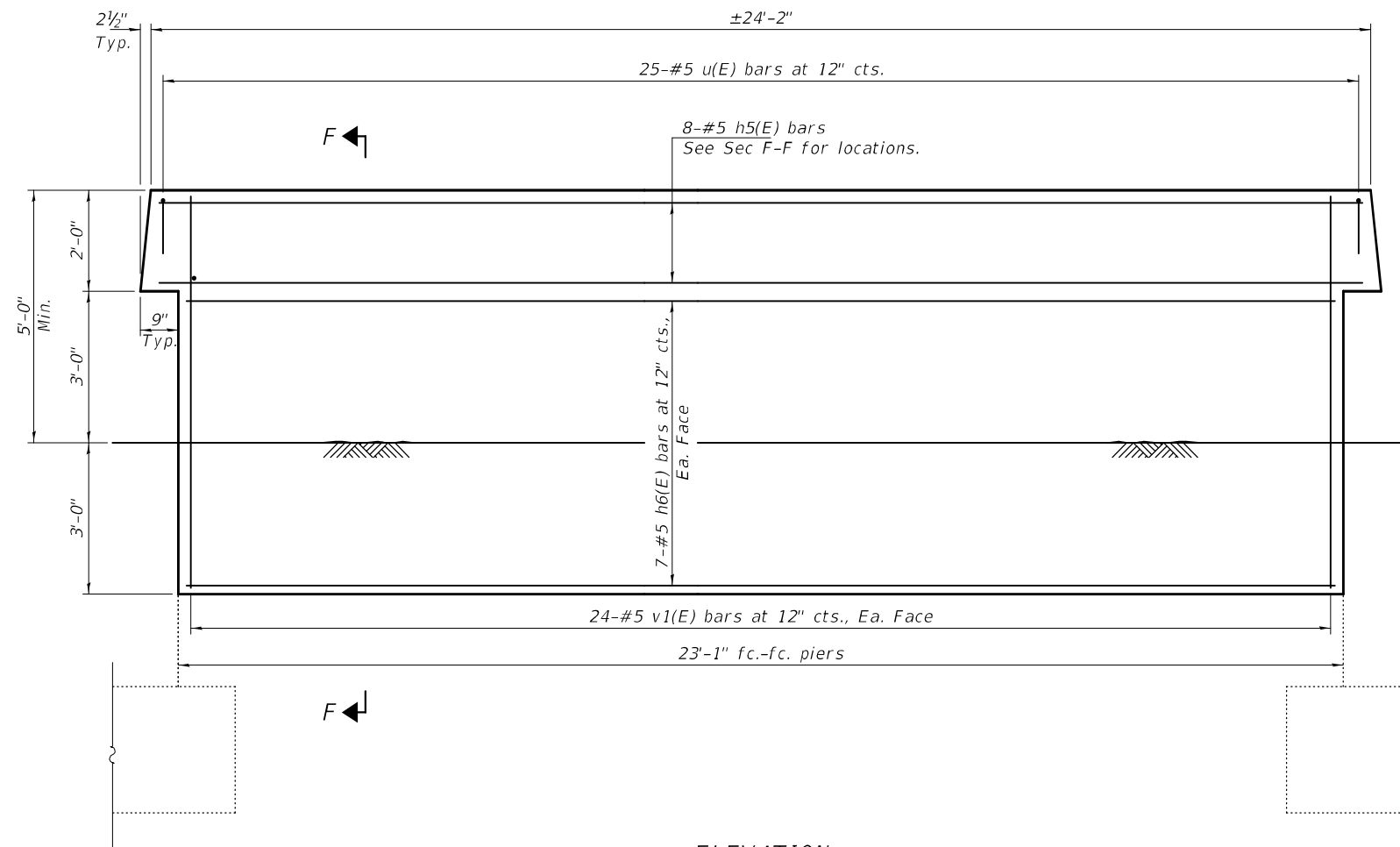
ISOMETRIC VIEW - BARRIER TRANSITION

Notes:
The cost of tie bars shall be included with Concrete Structures.
The cost of expansion joints shall be included with Concrete Structures.

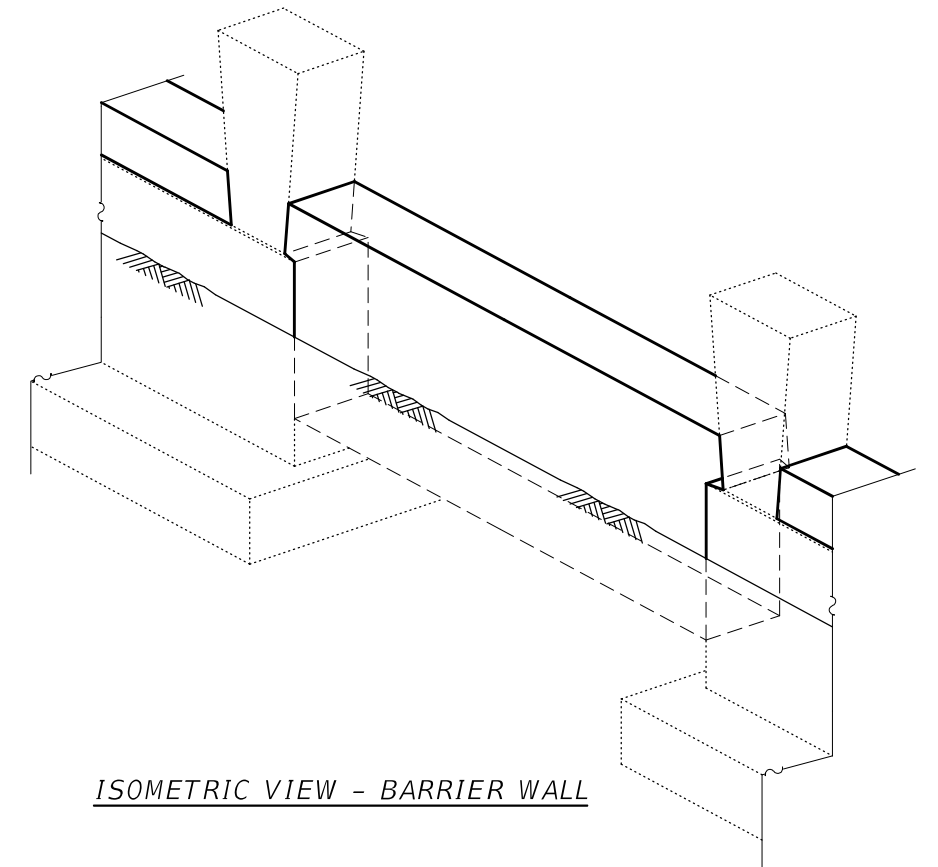
BILL OF MATERIAL - PIER 2 (BOTH STRUCTURES)

Bar	No.	Size	Length	Shape
h3(E)	24	#5	9'-8"	—
h4(E)	20	#5	2'-0"	—
s1(E)	20	#5	2'-7"	┌
v(E)	22	#5	9'-1"	┐
Concrete Structures			Cu. Yd.	8.9
Protective Coat			Sq. Yd.	25
Reinforcement Bars, Epoxy Coated			Pound	550

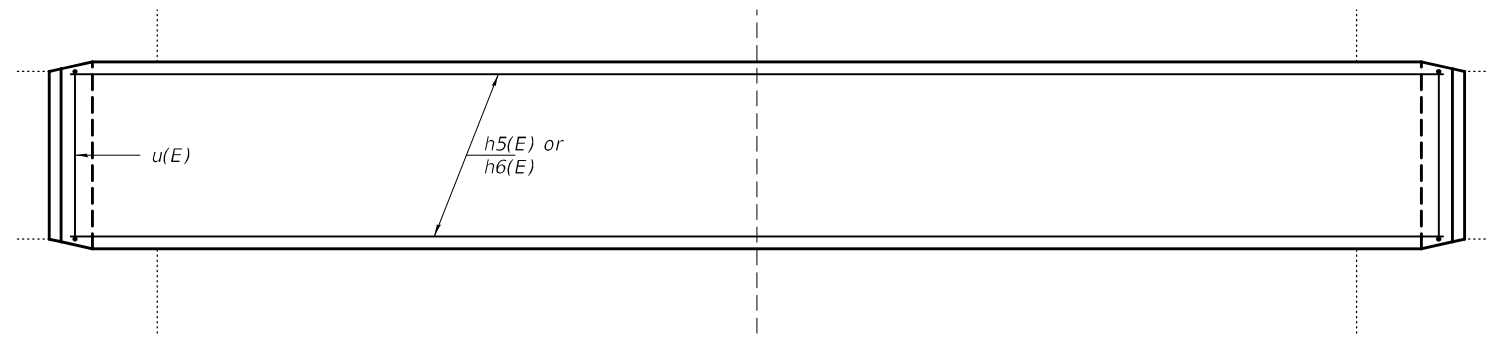
** Apply to new concrete only.



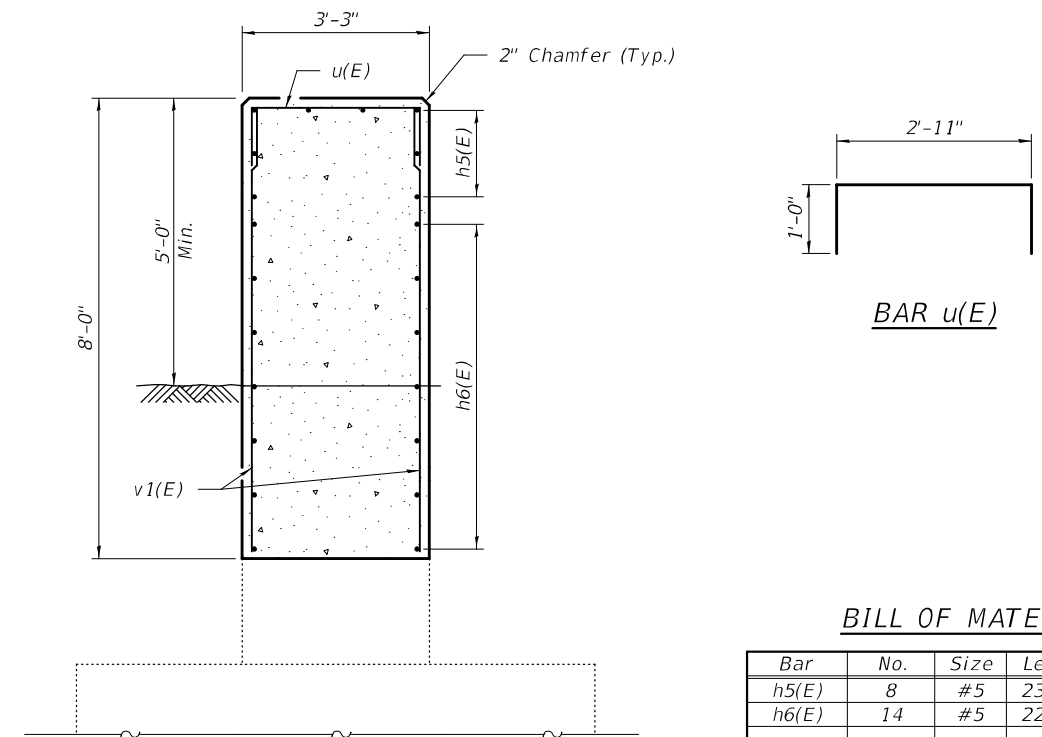
ELEVATION



ISOMETRIC VIEW - BARRIER WALL



PLAN



SECTION F-F

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h5(E)	8	#5	23'-10"	—
h6(E)	14	#5	22'-11"	—
u(E)	25	#5	4'-11"	┌
v1(E)	48	#5	7'-8"	—
Concrete Structures			Cu. Yd.	22.5
Protective Coat			Sq. Yd.	34
Reinforcement Bars, Epoxy Coated			Pound	1050

** Apply to new concrete only.

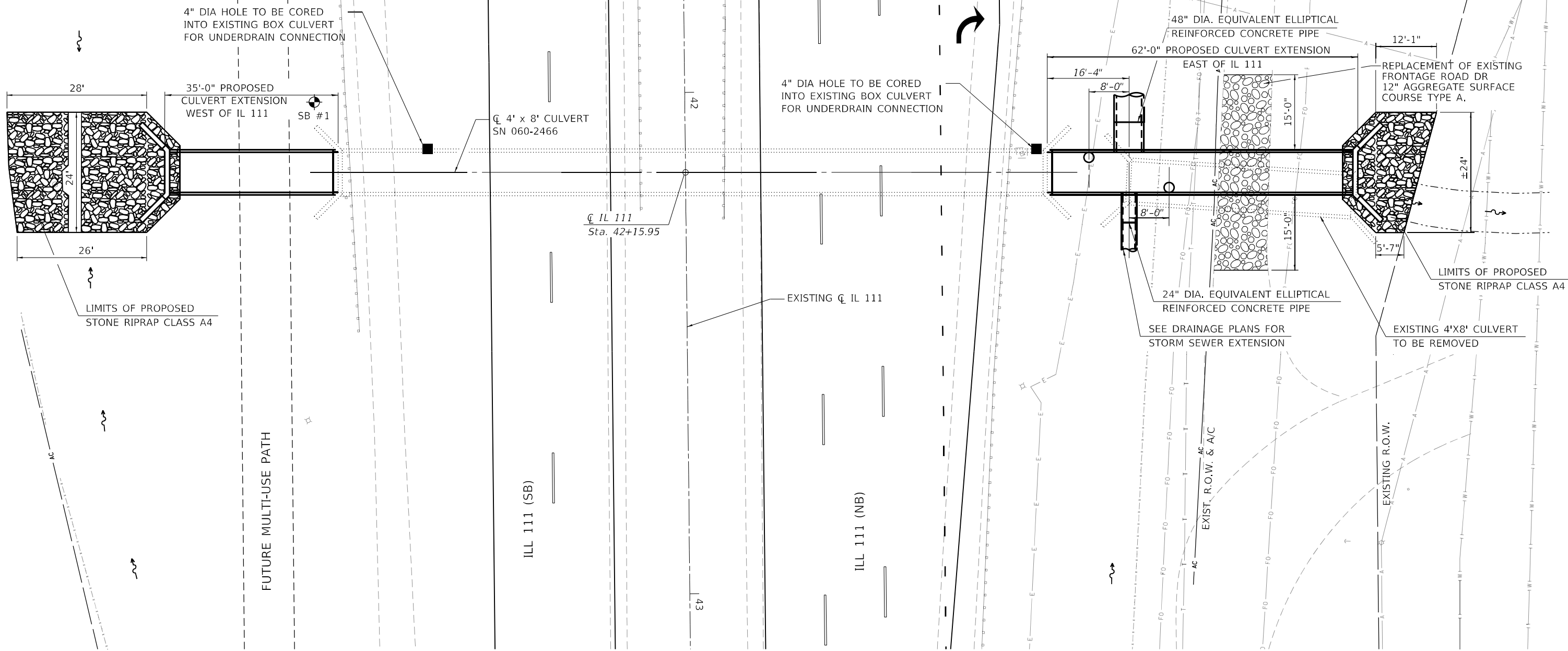
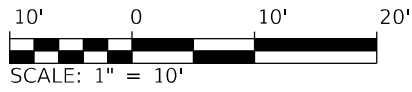
DESIGNED - VHV	EXAMINED	DATE - JULY 1, 2024
CHECKED - SMR	ENGINEER OF STRUCTURAL SERVICES	
DRAWN - daburdell	PASSED	REVISER -
CHECKED - VHV SMR	ENGINEER OF BRIDGES AND STRUCTURES	REVISER -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BARRIER WALL DETAILS - PIER 2
SN 060-0046 (EB) & 0047 (WB)

SHEET NO. 3 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	464
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



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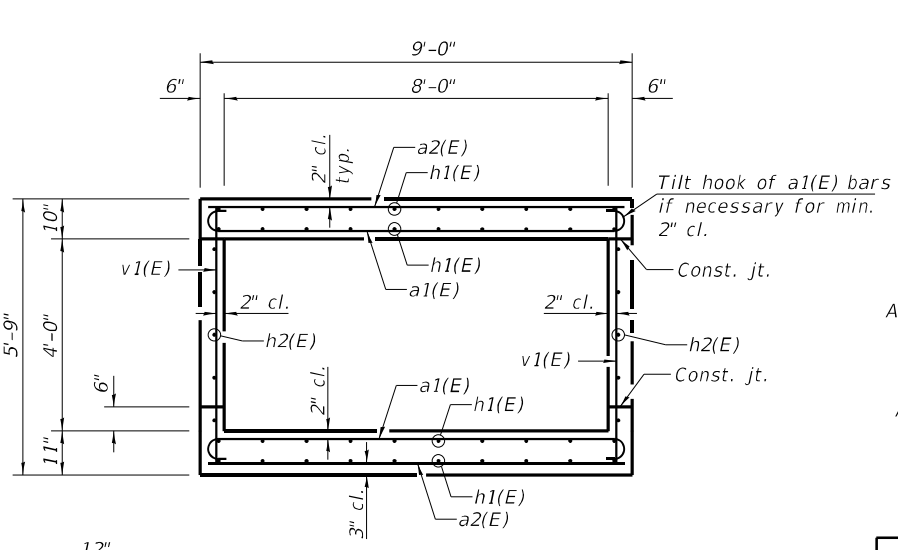
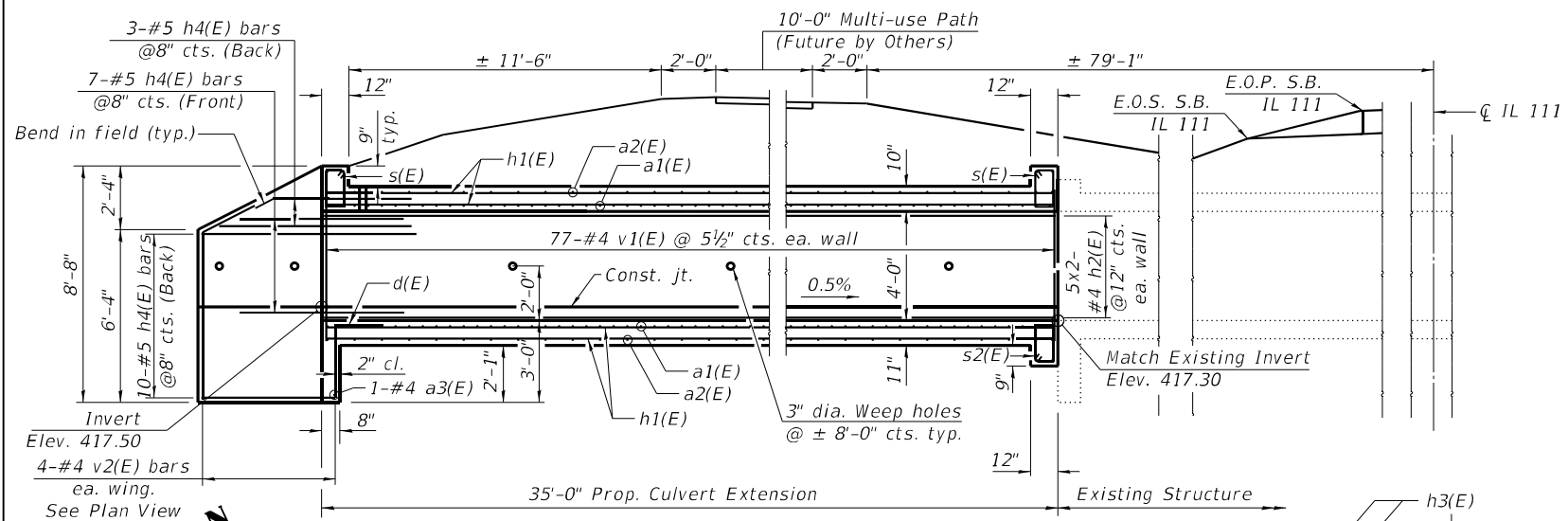
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PLOT DATE = 6/18/2024 (3:44:47 PM)	DRAWN - DAC	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN - STRUCTURE NO. 060-2466
IL 111 CULVERT EXTENSIONS

SHEET OF SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON		
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				



DESIGN STRESSES
NEW CONSTRUCTION
EXIST. STRUCTURE

field units
 f'c = 3,500 psi
 fy = 60,000 psi

LOADING HS20-44

Allow 50 psf for future wearing surface

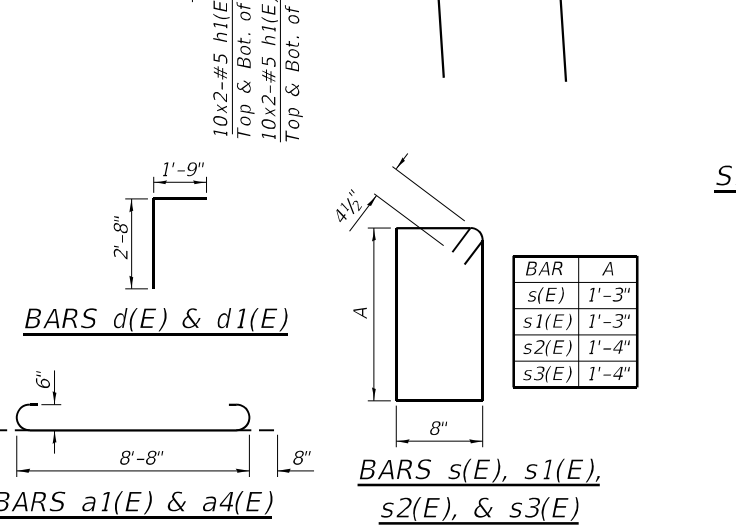
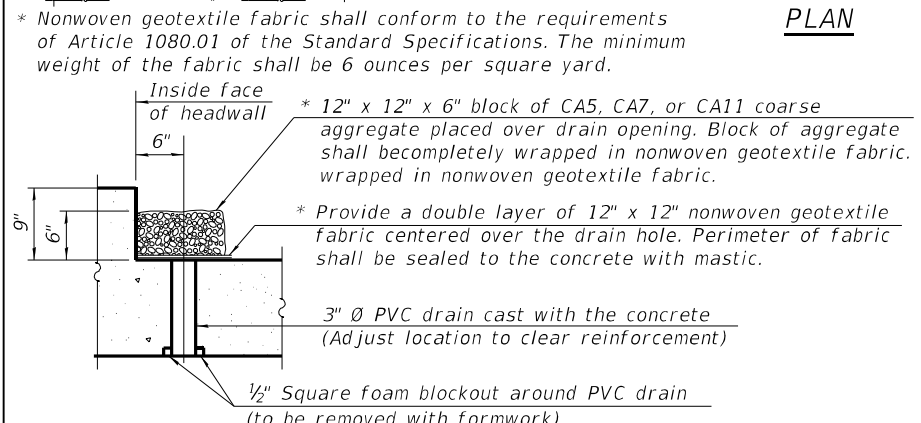
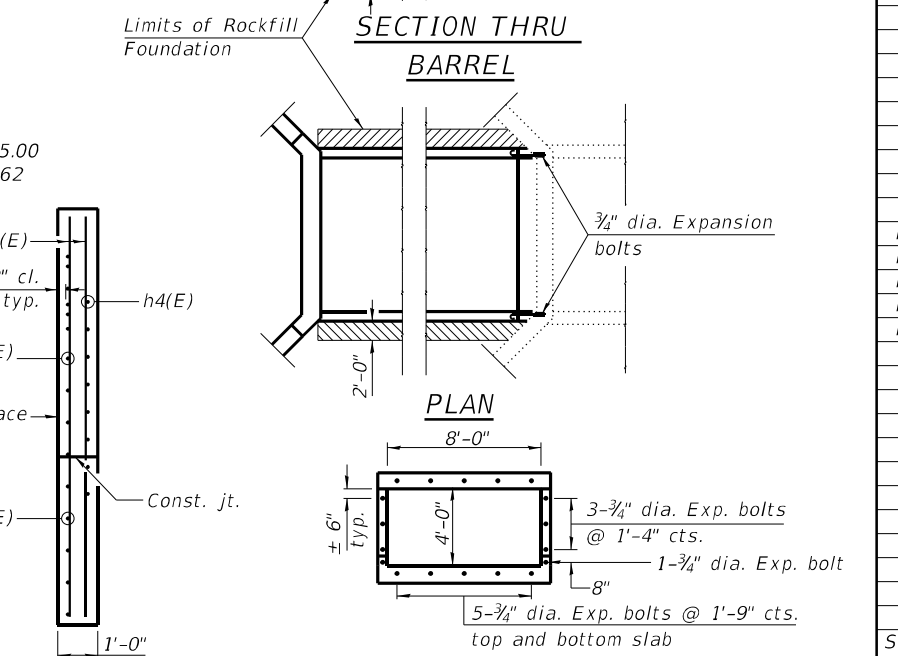
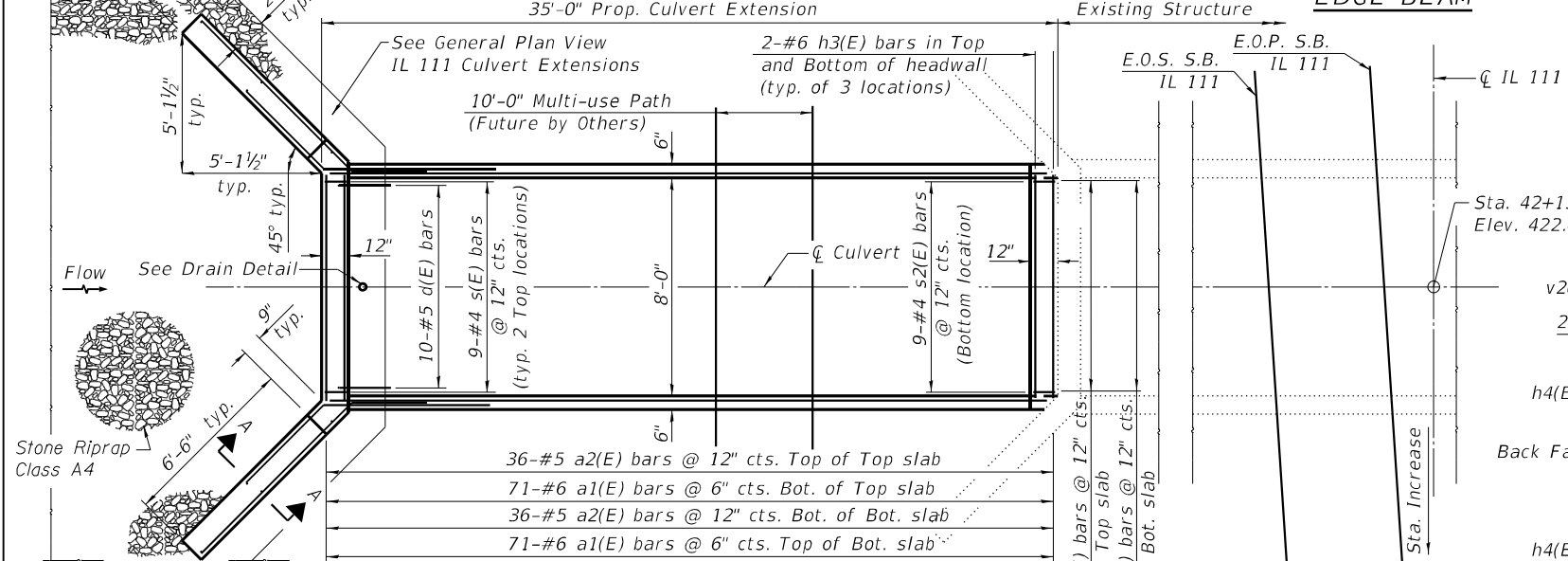
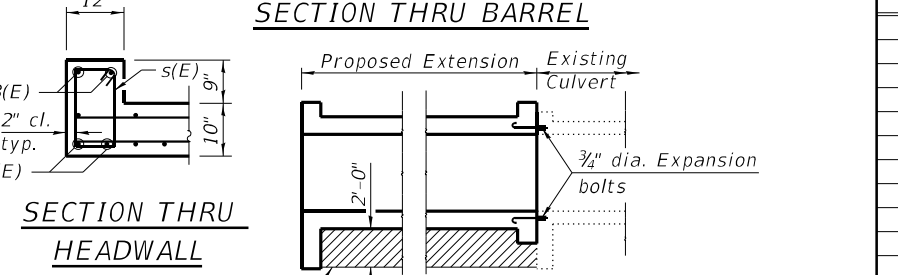
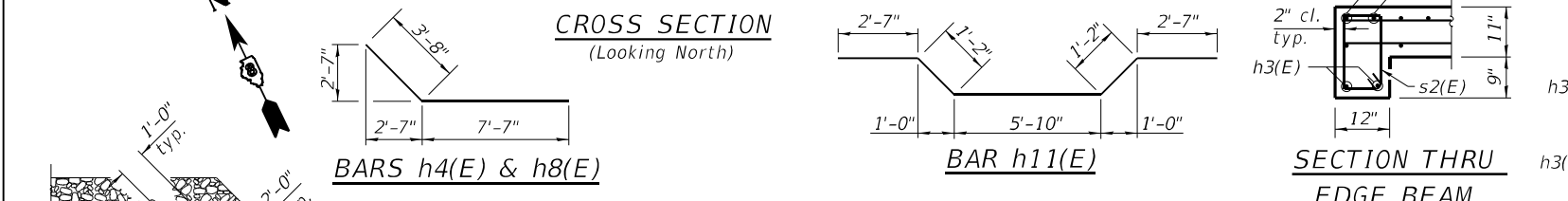
DESIGN SPECIFICATIONS

AASHTO Std. Specs. 17th Edition, 2002

No precast alternate is allowed.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	142	#6	10'-0"	U
a2(E)	72	#5	8'-8"	U
a3(E)	1	#4	8'-10"	U
a4(E)	250	#6	10'-0"	U
a5(E)	126	#5	8'-8"	U
a6(E)	1	#4	8'-10"	U
a7(E)	16	#6	5'-6"	U
d(E)	10	#5	4'-5"	L
d1(E)	10	#5	4'-5"	L
h1(E)	80	#5	18'-6"	U
h2(E)	20	#4	18'-4"	U
h3(E)	12	#6	8'-10"	U
h4(E)	40	#5	11'-3"	U
h5(E)	120	#5	22'-3"	U
h6(E)	30	#4	22'-1"	U
h7(E)	12	#6	8'-10"	U
h8(E)	40	#5	11'-3"	U
h9(E)	6	#6	14'-1"	U
h10(E)	16	#5	4'-0"	U
h11(E)	2	#5	13'-4"	U
h12(E)	4	#6	11'-4"	U
h13(E)	16	#5	6'-7"	U
h14(E)	32	#6	4'-0"	U
s(E)	18	#4	4'-7"	U
s1(E)	18	#4	4'-7"	U
s2(E)	9	#4	4'-9"	U
s3(E)	9	#4	4'-9"	U
v1(E)	154	#4	5'-5"	U
v2(E)	8	#4	8'-4"	U
v3(E)	272	#4	5'-5"	U
v4(E)	8	#4	8'-4"	U
v5(E)	14	#6	5'-10"	U
Stone Riprap Class A4		Sq. Yd.	125	
Aggregate Surface Course, Type B		Cu. Yd.	9	
Structure Excavation		Cu. Yd.	415	
Expansion Bolts 3/4"		Each	36	
Reinforcement Bars		Pound	16700	
Concrete Box Culverts		Cu. Yd.	81.5	
Rock Fill - Foundation		Cu. Yd.	92	



CROSS SECTION THRU BARREL
TYP. EXPANSION BOLT DETAILS

Notes:
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls. Reinforcement bars shall conform to the requirements of ASTM A706, Grade 60. All reinforcement bars shall be epoxy coated. It shall be the responsibility of the contractor to divert the existing culvert in order to keep the construction area free of water. The method of water diversion shall be subject to the approval of the Engineer and the cost shall be included in the item Concrete Box Culverts. Precast end sections will not be allowed. All construction joints shall be bonded. Limits of Removal and Replacement of weak soils with Rock Fill Foundation will be determined by the Engineer.

Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

Min. Bar Lap
 #5(E) = 2'-5"
 #4(E) = 2'-0"

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED BOX CULVERT EXTENSION
IL 111 CULVERT EXTENSION - WEST

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON		
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

USER NAME	DESIGNED	REVISIONS
Blake Young	DAC	-
	CHECKED	-
	REVISIONS	-
	DRAWN	-
	CHECKED	-
	REVISIONS	-

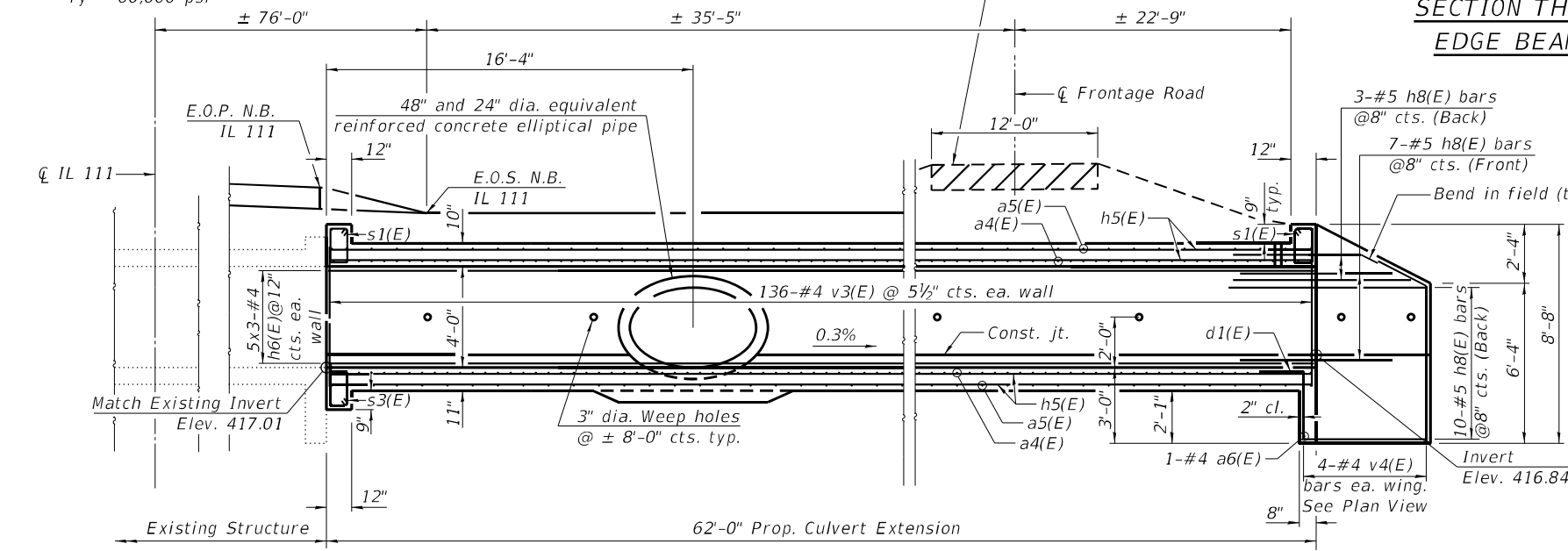
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DESIGN STRESSES
NEW CONSTRUCTION
EXIST. STRUCTURE

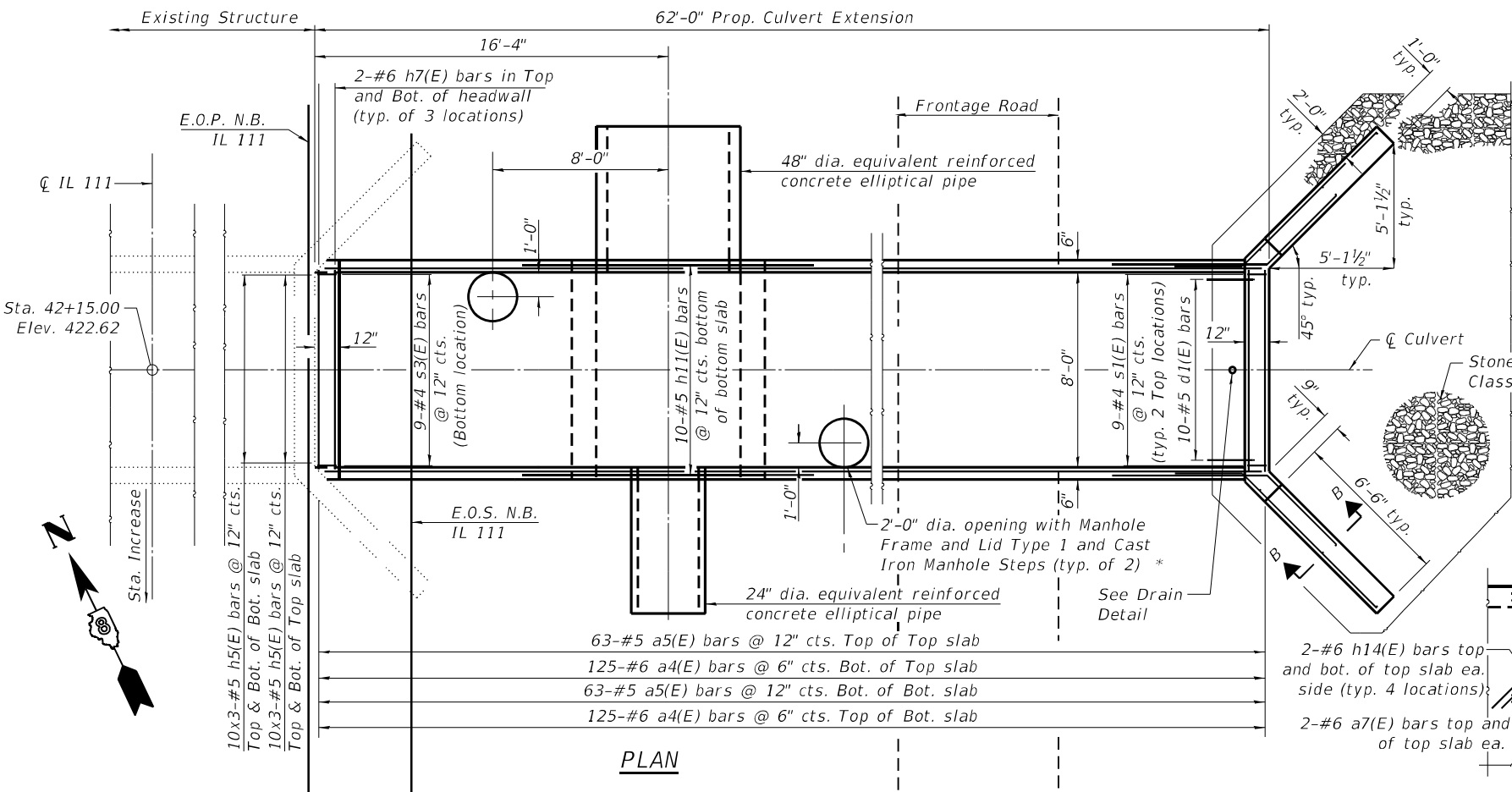
LOADING HS20-44
 Allow 50 psf for future wearing surface
DESIGN SPECIFICATIONS
 AASHTO Std. Specs. 17th Edition, 2002

No precast alternate is allowed.

field units
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi

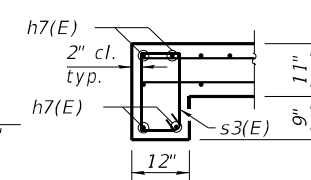


CROSS SECTION
 (Looking North)

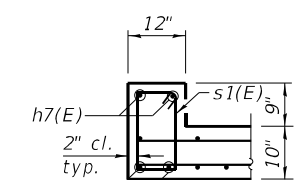


PLAN

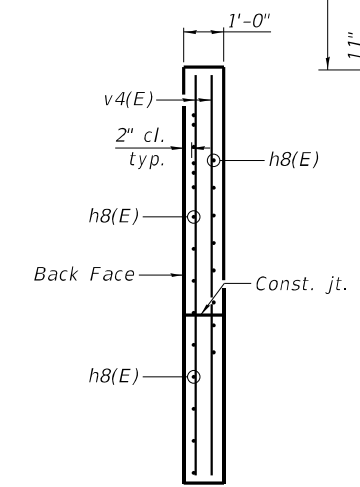
*See Highway Standard 604001-05 for Manhole Frame and Lid Type 1
 See Highway Standard 602701-02 for Cast Iron Manhole Steps



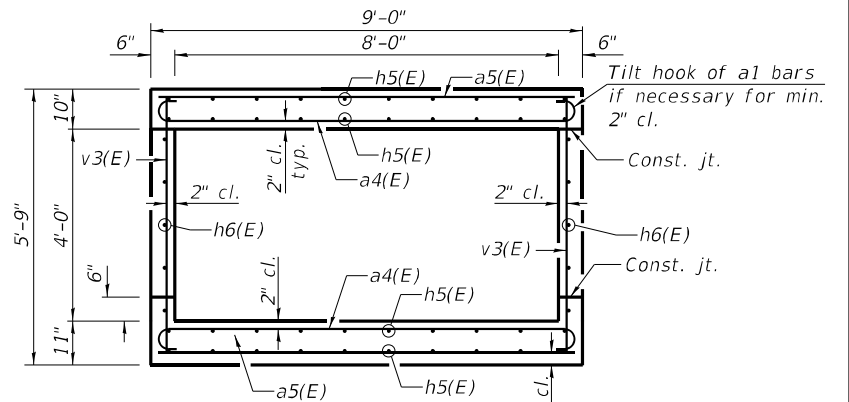
SECTION THRU EDGE BEAM



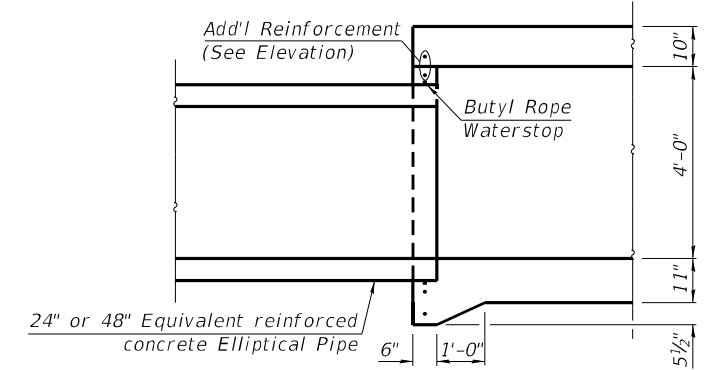
SECTION THRU HEADWALL



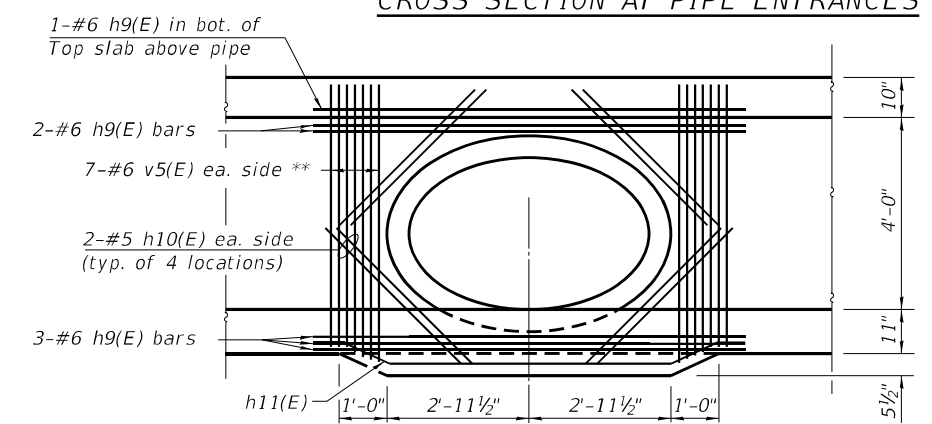
SECTION B-B



SECTION THRU BARREL

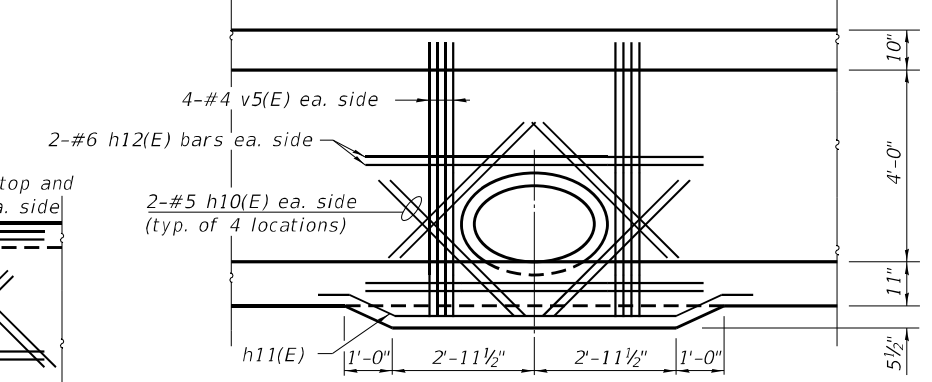


CROSS SECTION AT PIPE ENTRANCES



ELEVATION AT 48" DIA. EQUIV. PIPE ENTRANCE

** Trim bars as necessary.



ELEVATION AT 24" DIA. EQUIV. PIPE ENTRANCE

Notes:
 See IL 111 Culvert Extension - West sheet for Bill of Material.
 Price of Manhole Frames and Lids Type 1 and Cast Iron Manhole Steps to be included in cost of Concrete Box Culverts.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED BOX CULVERT EXTENSION
IL 111 CULVERT EXTENSION - EAST

USER NAME = Blake Young	DESIGNED - DAC	REVISED -
CHECKED -	REVISED -	
PLOT SCALE = N/A	DRAWN - DAC	REVISED -
PLOT DATE = 6/18/2024 (3:44:50 PM)	CHECKED -	REVISED -

SHEET OF SHEETS

F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS	SHEET NO.
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

MODEL: Default FILE NAME: L:\DOT\1706801\Draw\CADD_Sheets\Advanced Phase\Culvert Extension\03-IL_111 East Culvert Ext. Detail.dgn



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Date 4/1/21

ROUTE FAP 582 DESCRIPTION I-270 at IL 111 Interchange, SN 060-2466 LOGGED BY VPG

SECTION 60-3K-1 LOCATION Madison Co. I-270/ IL 111, SEC. 35, TWP. 4N, RNG. 9W, 3rd PM, Latitude , Longitude

COUNTY Madison DRILLING METHOD Hand Auger HAMMER TYPE

STRUCT. NO. 060-2466
Station
BORING NO. 1
Station
Offset 10.0 ft North of CL of Culvert
Ground Surface Elev. ft

D E P T H
B L O W S
U C S
M O I S T
Qu
T

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

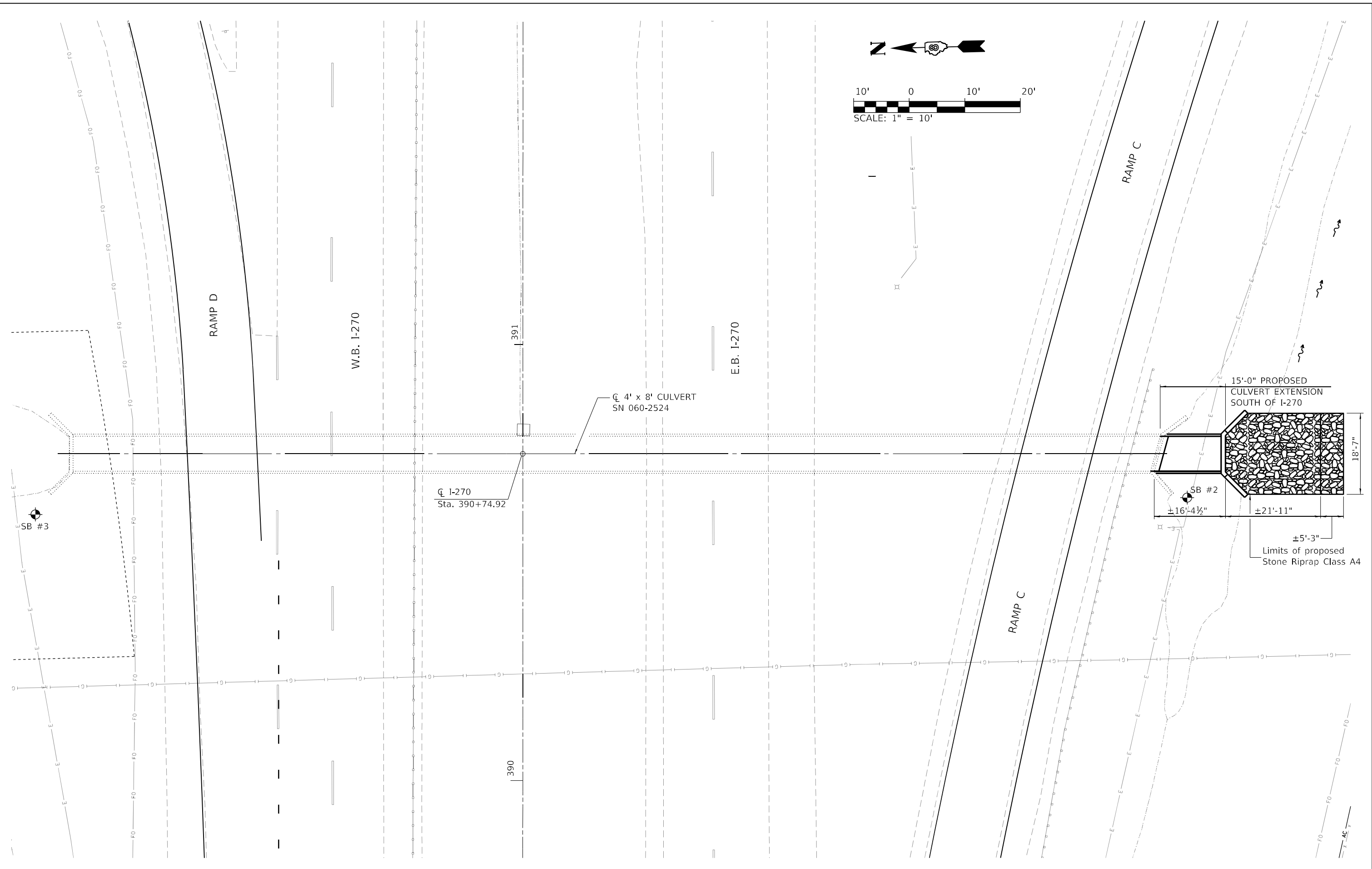
Soil Description	Depth (ft)	Blows (/6")	UCS (tsf)	Moisture (%)
▼		0,8	45	
Brown CLAYEY soil		P		
		1,8	41	
		P		
		2,5	36	
		P		
End of Boring				
	-5			
	-10			
	-15			
	-20			

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

MODEL: Default
FILE NAME: L:\DOT\1706601\Draw\CADD_Sheets\Advanced Phase I\Culvert Extension\04-IL 111 Boring Log.dgn

USER NAME = Blake Young	DESIGNED - DAC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED BOX CULVERT EXTENSIONS BORING LOG 1	F.A.I. RTE. 270	SECTION 60-3K-1	COUNTY MADISON	TOTAL SHEETS	SHEET NO.
CHECKED -	DRAWN - DAC	REVISED -			CONTRACT NO. 76818				
PLOT SCALE = N/A	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT				
PLOT DATE = 6/18/2024 (3:44:51 PM)					SHEET OF SHEETS				

MODEL: Default
 FILE NAME: L:\DOT\1706801\Draw\CADD_Sheets\Advanced Phase I\Culvert Extension\054-270 Ramp C General Plan.rvt



USER NAME = Blake Young	DESIGNED - DAC	REVISED -
PLOT SCALE = N/A	CHECKED - IDK	REVISED -
PLOT DATE = 8/18/2024 (3:44:53 PM)	DRAWN - DAC	REVISED -
	CHECKED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN - STRUCTURE NO. 060-2524
 I-270 RAMP C**

SHEET OF SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON		
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

DESIGN STRESSES
NEW CONSTRUCTION
EXIST. STRUCTURE

field units
 f'c = 3,500 psi
 fy = 60,000 psi

LOADING HS20-44

Allow 50 psf for future wearing surface

DESIGN SPECIFICATIONS

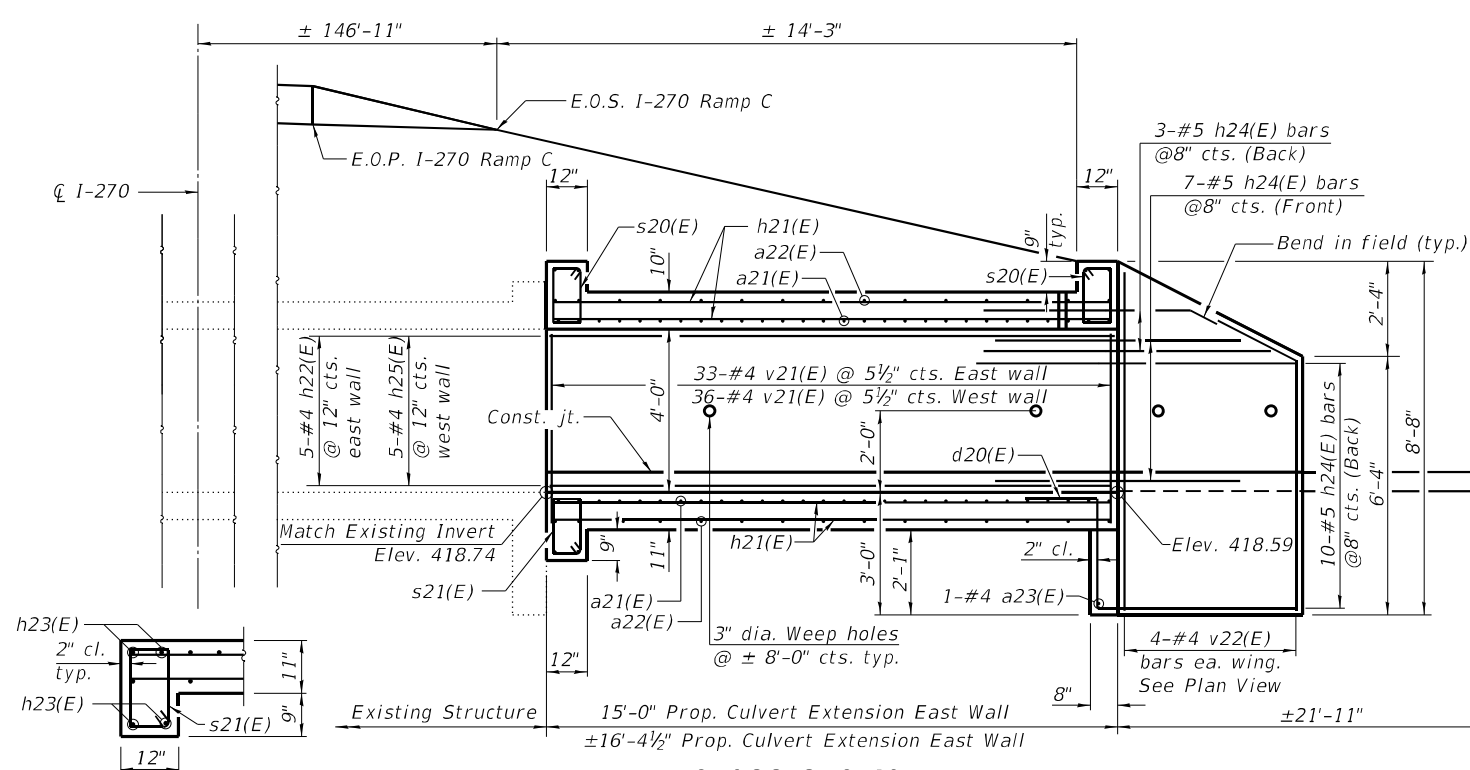
AASHTO Std. Specs. 17th Edition, 2002

No precast alternate is allowed.

BILL OF MATERIAL

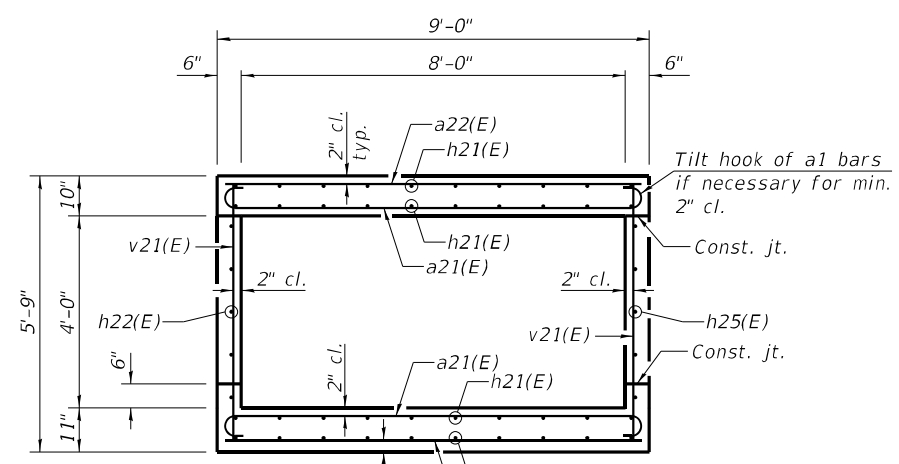
Bar	No.	Size	Length	Shape
a21(E)	60	#6	10'-0"	U
a22(E)	30	#5	8'-8"	—
a23(E)	1	#4	8'-10"	—
a24(E)	8	#6	9'-9"	U
a25(E)	4	#5	8'-11"	—
d20(E)	10	#5	4'-5"	L
h21(E)	40	#5	16'-1"	—
h22(E)	5	#4	14'-7"	—
h23(E)	12	#6	8'-10"	—
h24(E)	40	#5	11'-3"	—
h25(E)	5	#4	16'-1"	—
s20(E)	18	#4	4'-7"	U
s21(E)	9	#4	4'-9"	U
v21(E)	69	#4	5'-5"	—
v22(E)	8	#4	8'-4"	—
Stone Riprap, Class A4	Sq. Yd.		71	
Structure Excavation	Cu. Yd.		62	
Expansion Bolts 3/4"	Each		18	
Reinforcement Bars	Pound		3160	
Concrete Box Culverts	Sq. Yd.		16.8	
Rock Fill - Foundation	Cu. Yd.		14	

Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

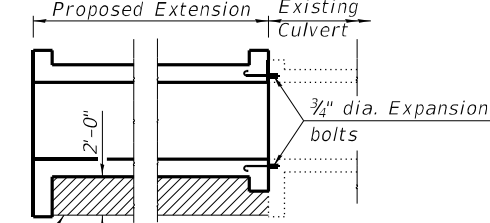


CROSS SECTION
(Looking East)

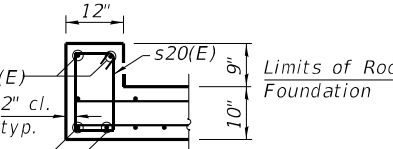
SECTION THRU EDGE BEAM



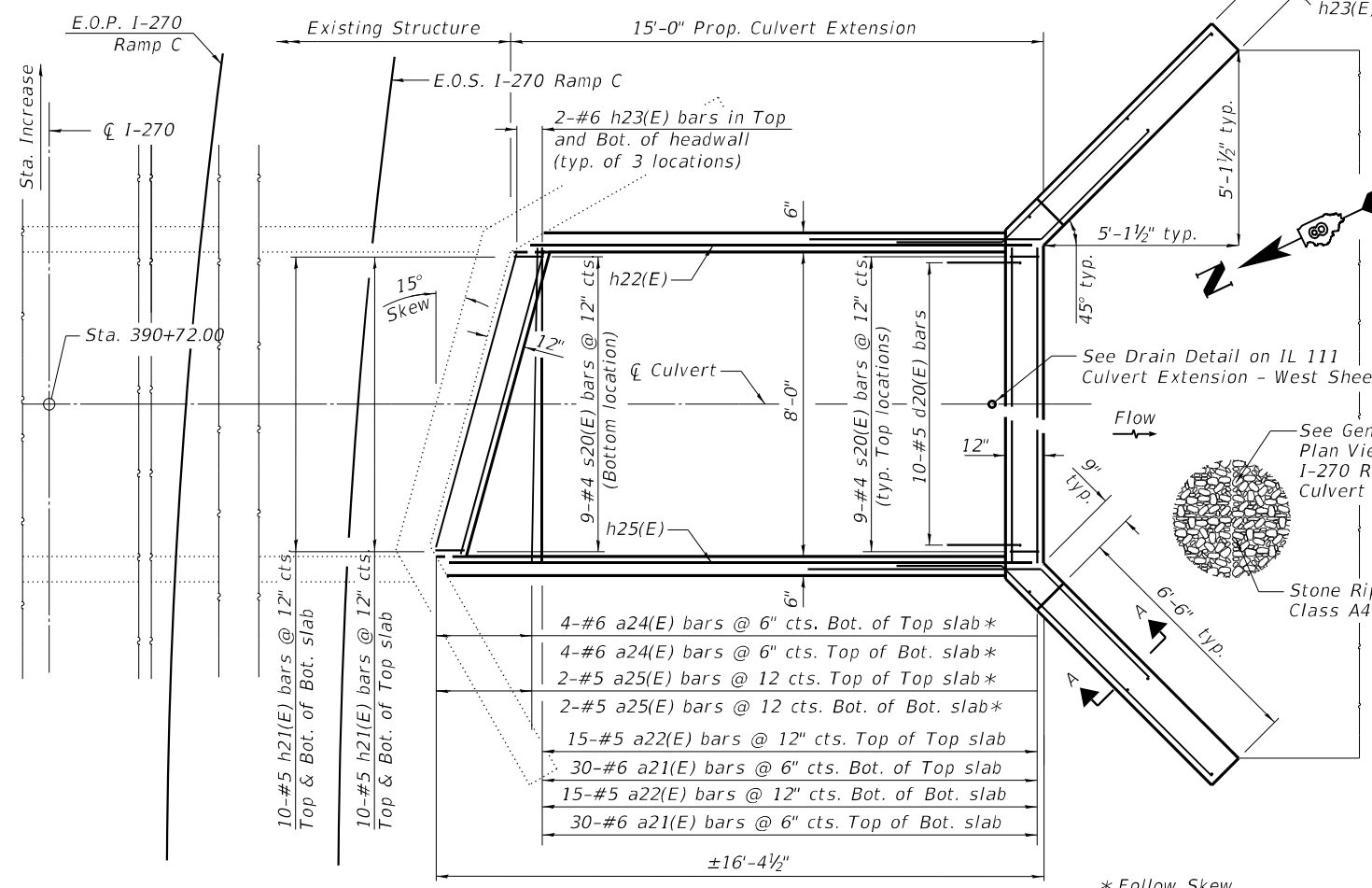
SECTION THRU BARREL
(Looking South)



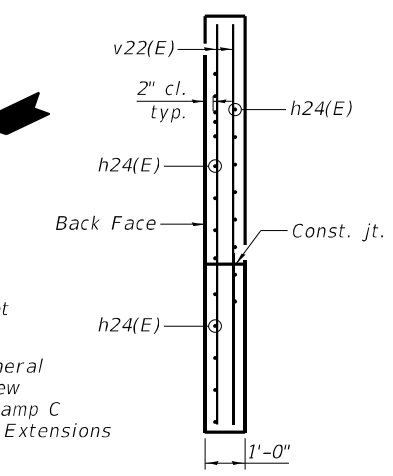
SECTION THRU BARREL



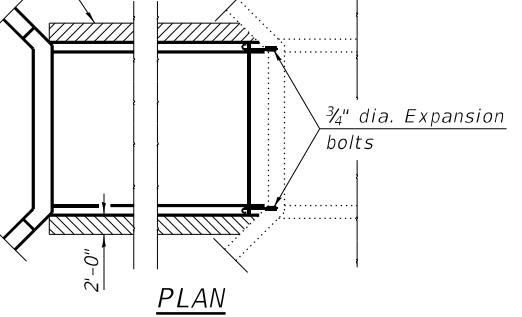
SECTION THRU HEADWALL



PLAN



SECTION A-A

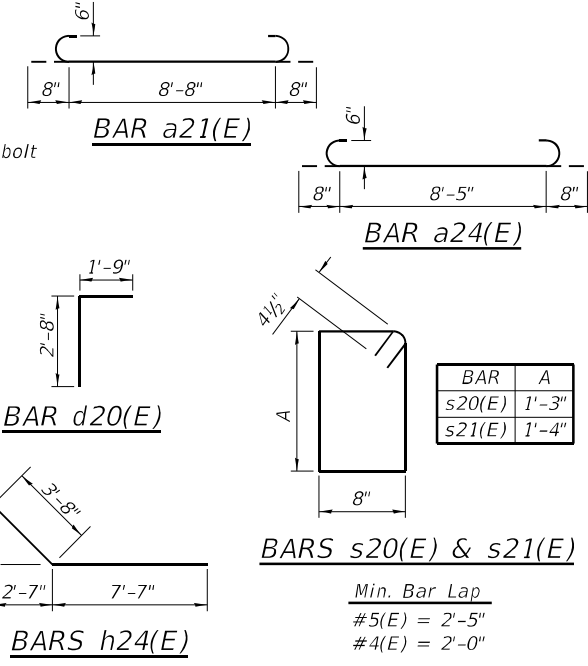


PLAN

CROSS SECTION THRU BARREL

TYP. EXPANSION BOLT DETAILS

Notes:
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Reinforcement bars shall conform to the requirements of ASTM A706, Grade 60. All reinforcement bars shall be epoxy coated.
 It shall be the responsibility of the contractor to divert the existing culvert in order to keep the construction area free of water. The method of water diversion shall be subject to the approval of the Engineer and the cost shall be included in the item Concrete Box Culverts.
 Precast end sections will not be allowed.
 All construction joints shall be bonded.
 Limits of Removal and Replacement of weak soils with Rock Fill Foundation will be determined by the Engineer.
 Bars are to be trimmed and skewed in the field as necessary near existing culvert end of new culvert.



BAR	A
s20(E)	1'-3"
s21(E)	1'-4"

Min. Bar Lap
 #5(E) = 2'-5"
 #4(E) = 2'-0"

MODEL: Default
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USER NAME = Blake Young	DESIGNED - DAC	REVISED -
CHECKED -	REVISIONS -	
PLOT SCALE = N/A	DRAWN - DAC	REVISED -
PLOT DATE = 8/18/2024 (3:44:55 PM)	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED BOX CULVERT EXTENSION
I-270 RAMP C

SHEET OF SHEETS

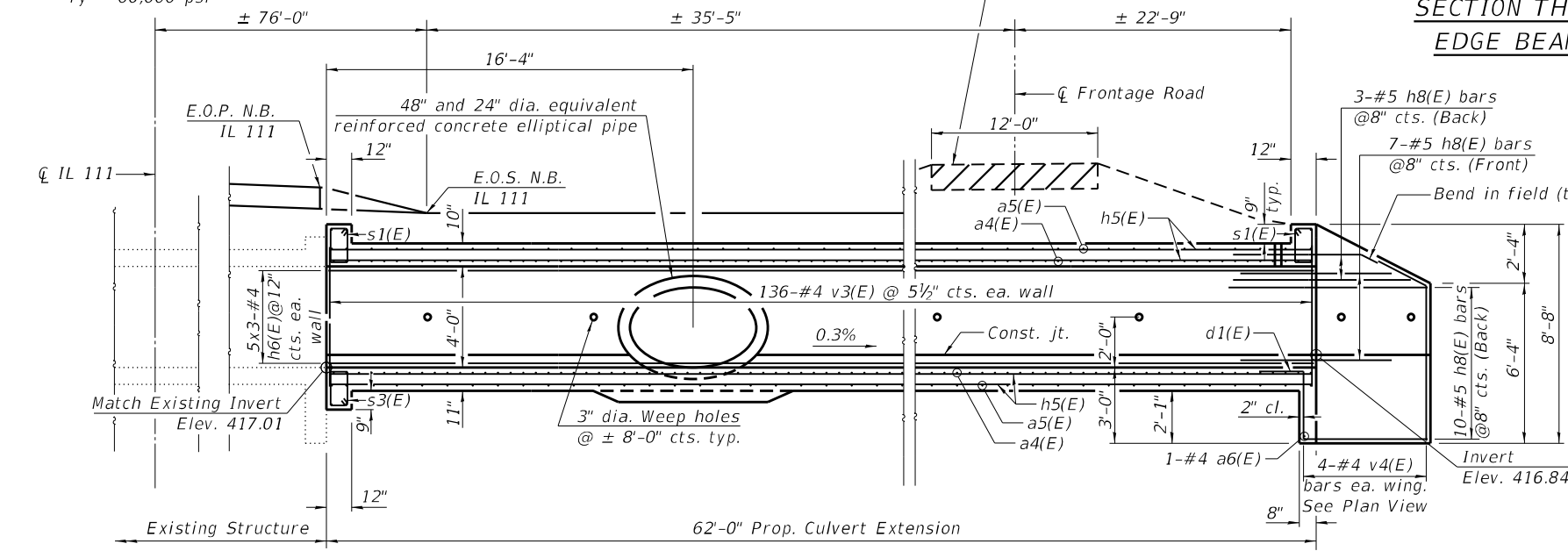
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON		
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

DESIGN STRESSES
NEW CONSTRUCTION
EXIST. STRUCTURE

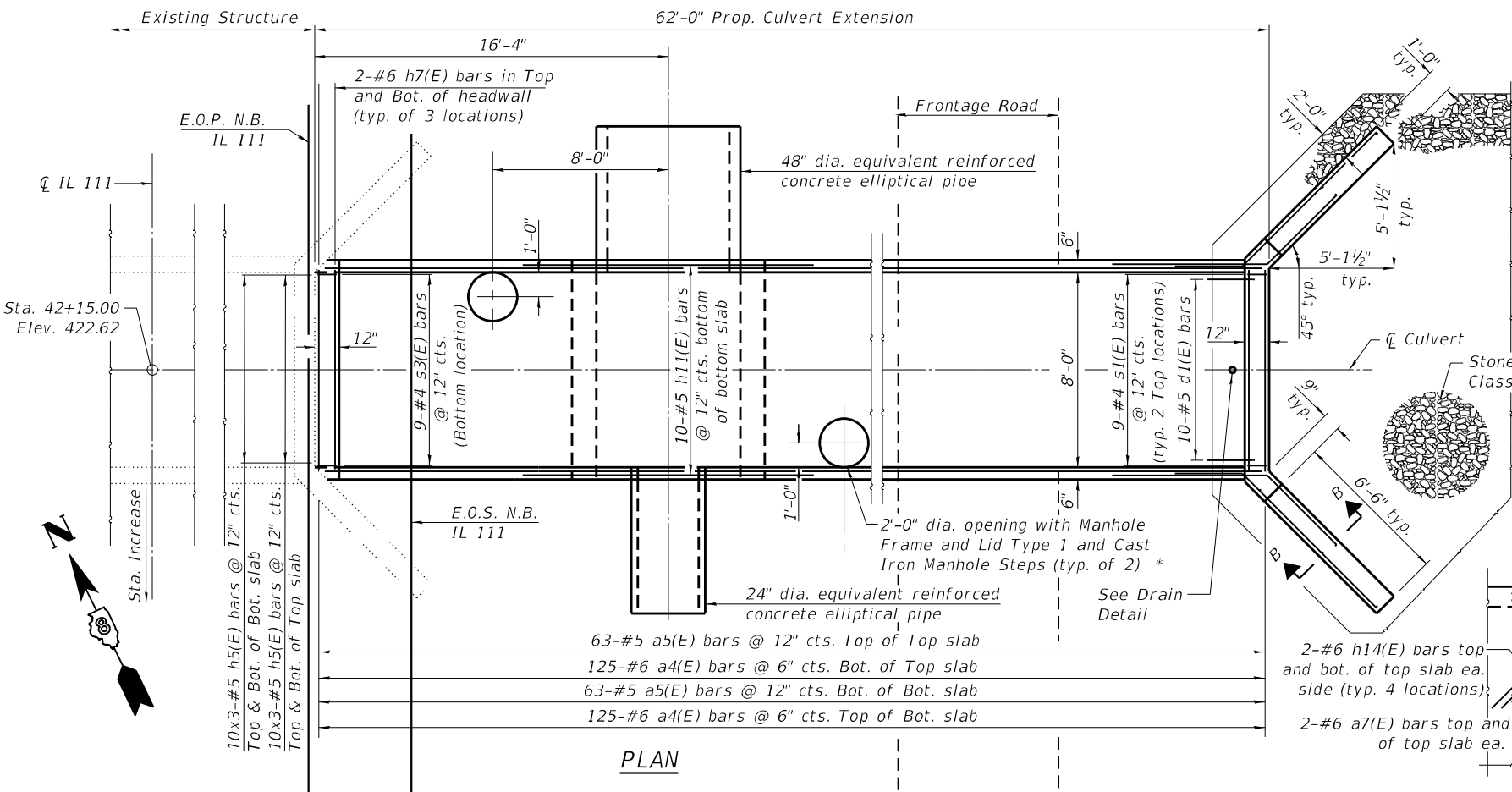
LOADING HS20-44
 Allow 50 psf for future wearing surface
DESIGN SPECIFICATIONS
 AASHTO Std. Specs. 17th Edition, 2002

No precast alternate is allowed.

field units
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi

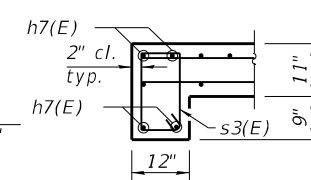


CROSS SECTION
 (Looking North)

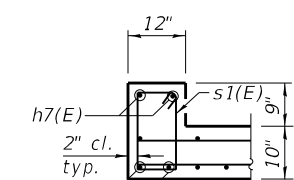


PLAN

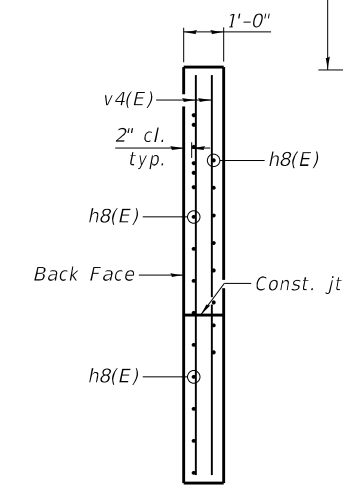
*See Highway Standard 604001-05 for Manhole Frame and Lid Type 1
 See Highway Standard 602701-02 for Cast Iron Manhole Steps



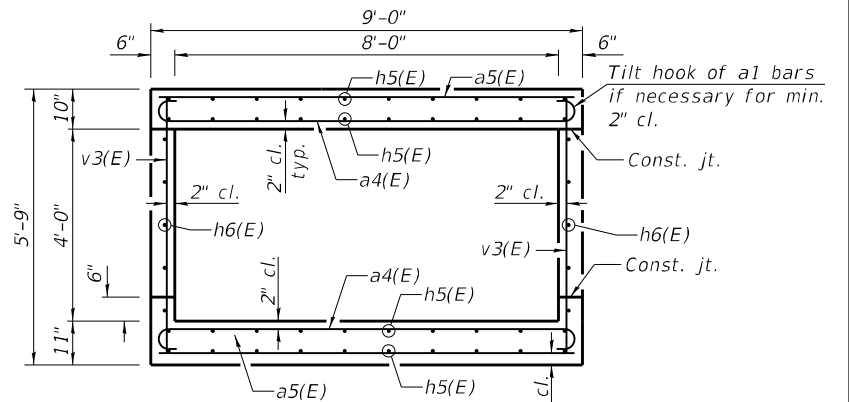
SECTION THRU
EDGE BEAM



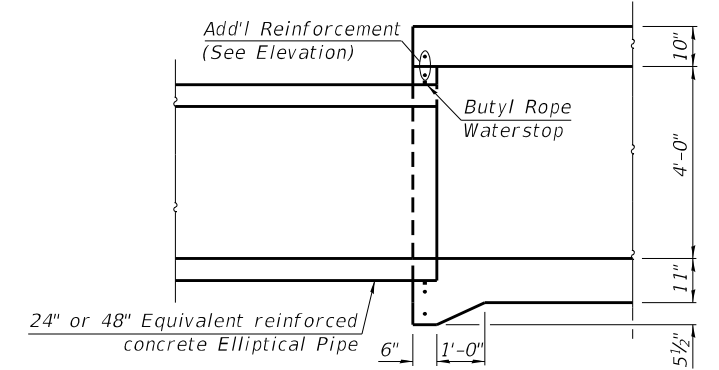
SECTION THRU
HEADWALL



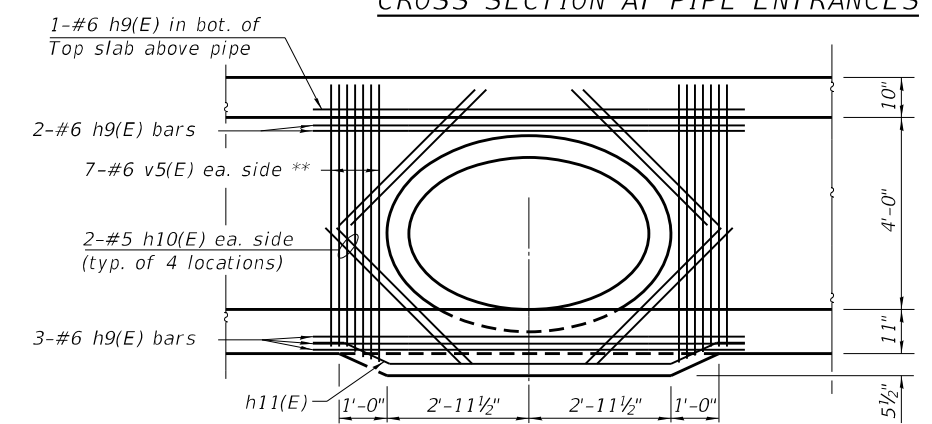
SECTION B-B



SECTION THRU BARREL

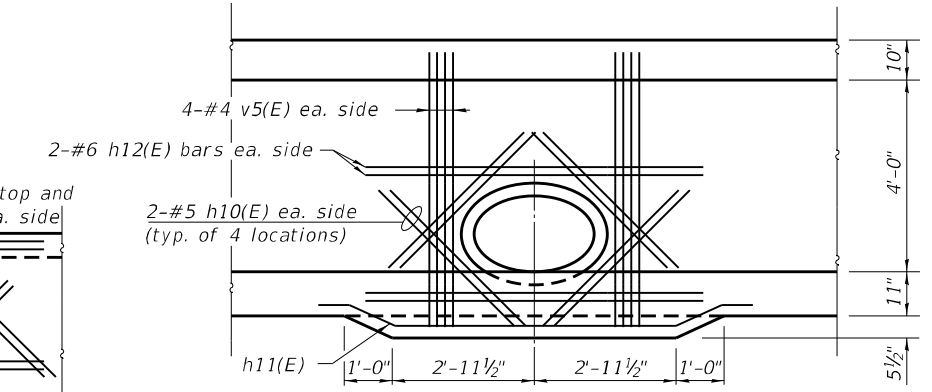


CROSS SECTION AT PIPE ENTRANCES



ELEVATION AT 48" DIA. EQUIV. PIPE ENTRANCE

** Trim bars as necessary.



ELEVATION AT 24" DIA. EQUIV. PIPE ENTRANCE

Notes:
 See IL 111 Culvert Extension - West sheet for Bill of Material.
 Price of Manhole Frames and Lids Type 1 and Cast Iron Manhole Steps
 to be included in cost of Concrete Box Culverts.

MODEL: Default
 FILE NAME: L:\DOT\1706801\Draw\CADD_Sheets\Advanced Phase\Culvert Extension\03-IL 111 East Culvert Ext. Detail.dgn



USER NAME = Rob Heady	DESIGNED - DAC	REVISED -
PLOT SCALE = N/A	CHECKED -	REVISED -
PLOT DATE = 11/9/2021 (1:33:50 PM)	DRAWN - DAC	REVISED -
	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED BOX CULVERT EXTENSION
IL 111 CULVERT EXTENSION - EAST

SHEET OF SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	466
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

DESIGN STRESSES

NEW CONSTRUCTION

EXIST. STRUCTURE

field units
 f'c = 3,500 psi
 fy = 60,000 psi

LOADING HS20-44

Allow 50 psf for future wearing surface

DESIGN SPECIFICATIONS

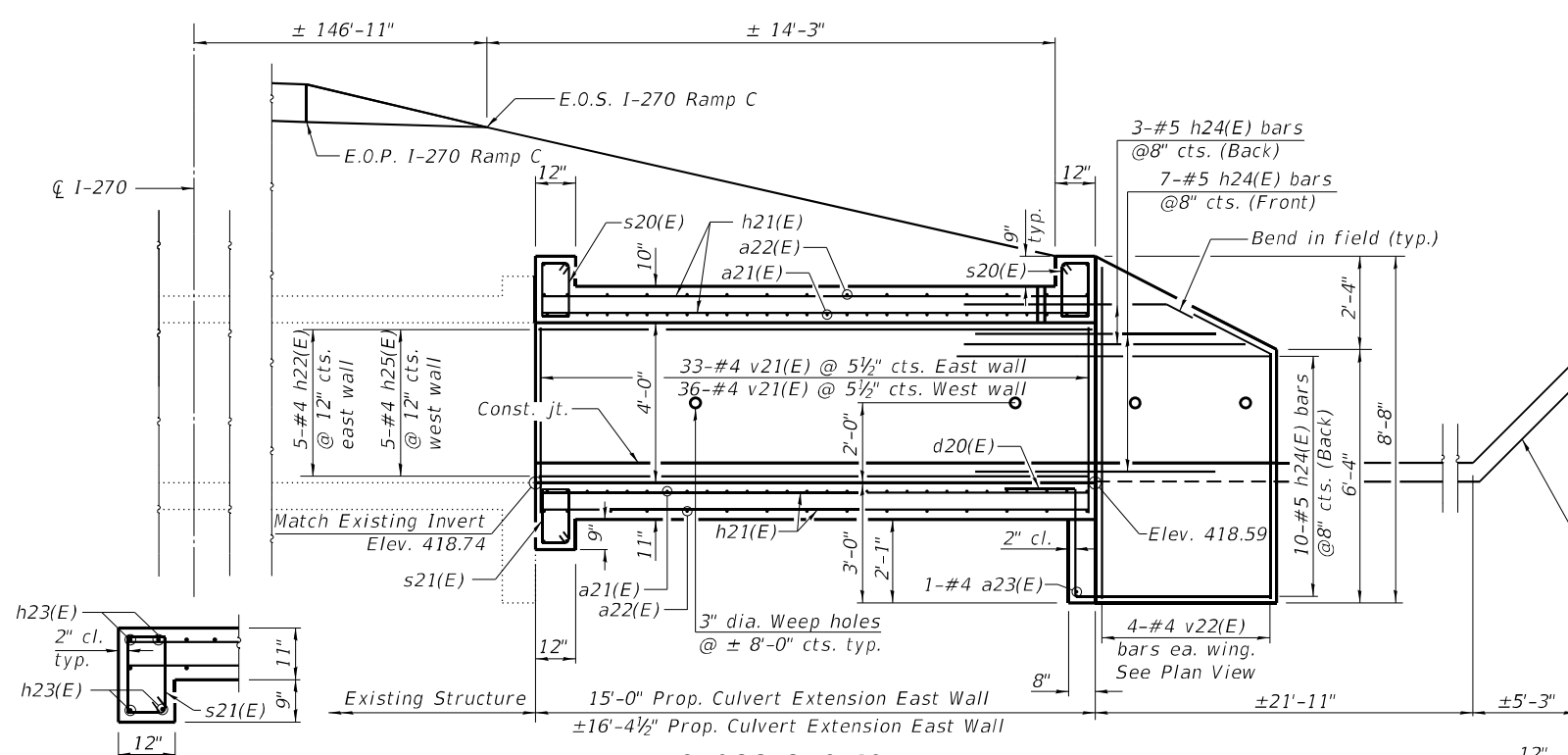
AASHTO Std. Specs. 17th Edition, 2002

No precast alternate is allowed.

BILL OF MATERIAL

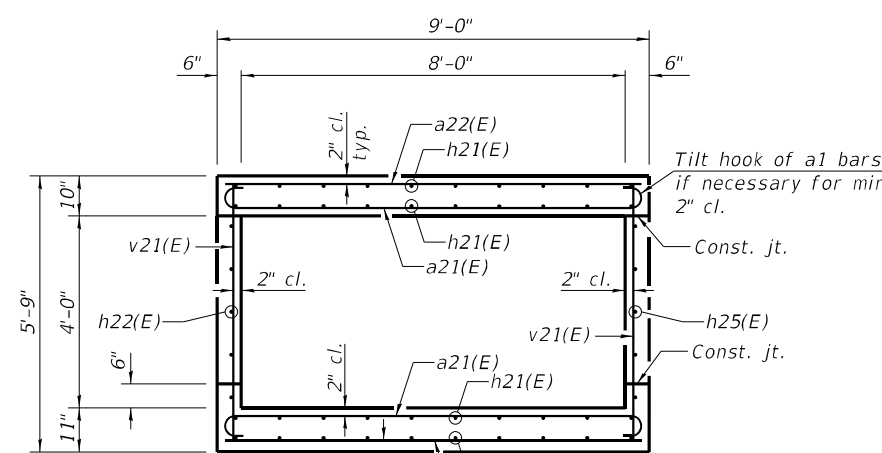
Bar	No.	Size	Length	Shape
a21(E)	60	#6	10'-0"	U
a22(E)	30	#5	8'-8"	U
a23(E)	1	#4	8'-10"	U
a24(E)	8	#6	9'-9"	U
a25(E)	4	#5	8'-11"	U
d20(E)	10	#5	4'-5"	L
h21(E)	40	#5	16'-1"	U
h22(E)	5	#4	14'-7"	U
h23(E)	12	#6	8'-10"	U
h24(E)	40	#5	11'-3"	U
h25(E)	5	#4	16'-1"	U
s20(E)	18	#4	4'-7"	U
s21(E)	9	#4	4'-9"	U
v21(E)	69	#4	5'-5"	U
v22(E)	8	#4	8'-4"	U
Stone Riprap, Class A4	Sq. Yd.		71	
Structure Excavation	Cu. Yd.		62	
Expansion Bolts 3/4"	Each		18	
Reinforcement Bars	Pound		3160	
Concrete Box Culverts	Sq. Yd.		16.8	
Rock Fill - Foundation	Cu. Yd.		14	

Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

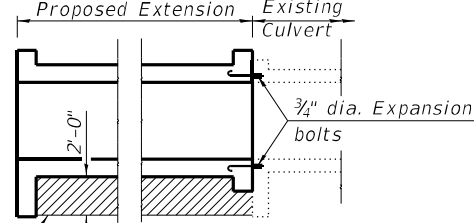


SECTION THRU EDGE BEAM

CROSS SECTION (Looking East)



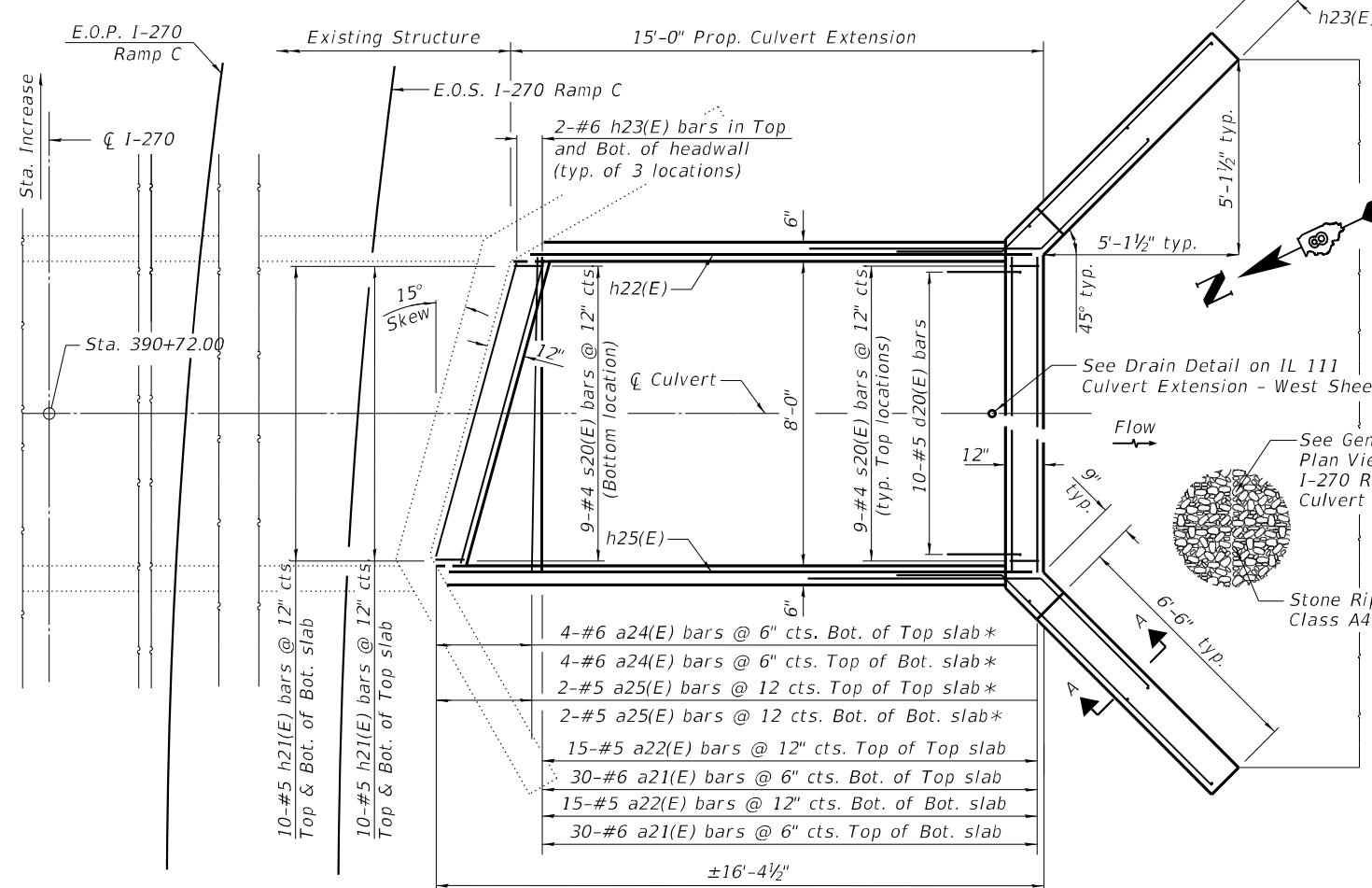
SECTION THRU BARREL (Looking South)



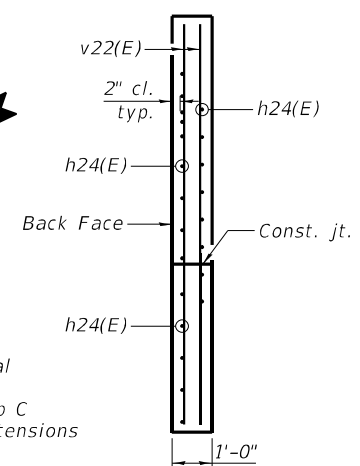
SECTION THRU BARREL



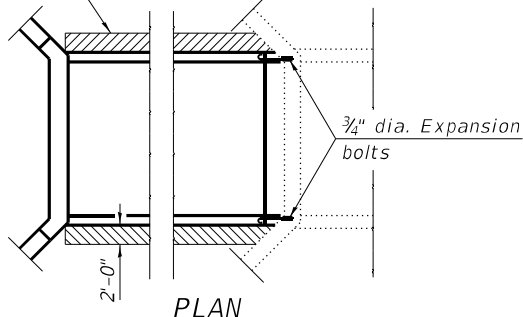
SECTION THRU HEADWALL



PLAN



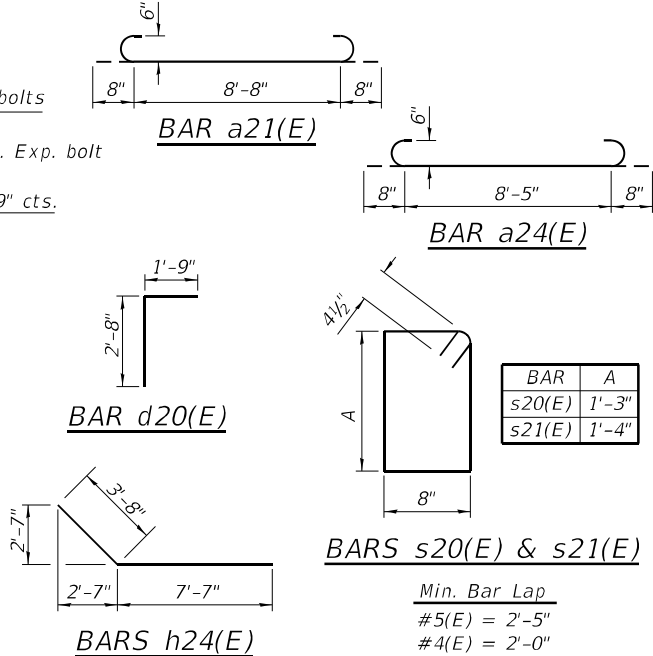
SECTION A-A



PLAN

CROSS SECTION THRU BARREL

TYP. EXPANSION BOLT DETAILS



Notes:
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls. Reinforcement bars shall conform to the requirements of ASTM A706, Grade 60. All reinforcement bars shall be epoxy coated.
 It shall be the responsibility of the contractor to divert the existing culvert in order to keep the construction area free of water. The method of water diversion shall be subject to the approval of the Engineer and the cost shall be included in the item Concrete Box Culverts.
 Precast end sections will not be allowed.
 All construction joints shall be bonded.
 Limits of Removal and Replacement of weak soils with Rock Fill Foundation will be determined by the Engineer.
 Bars are to be trimmed and skewed in the field as necessary near existing culvert end of new culvert.

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED BOX CULVERT EXTENSION
 I-270 RAMP C**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	468

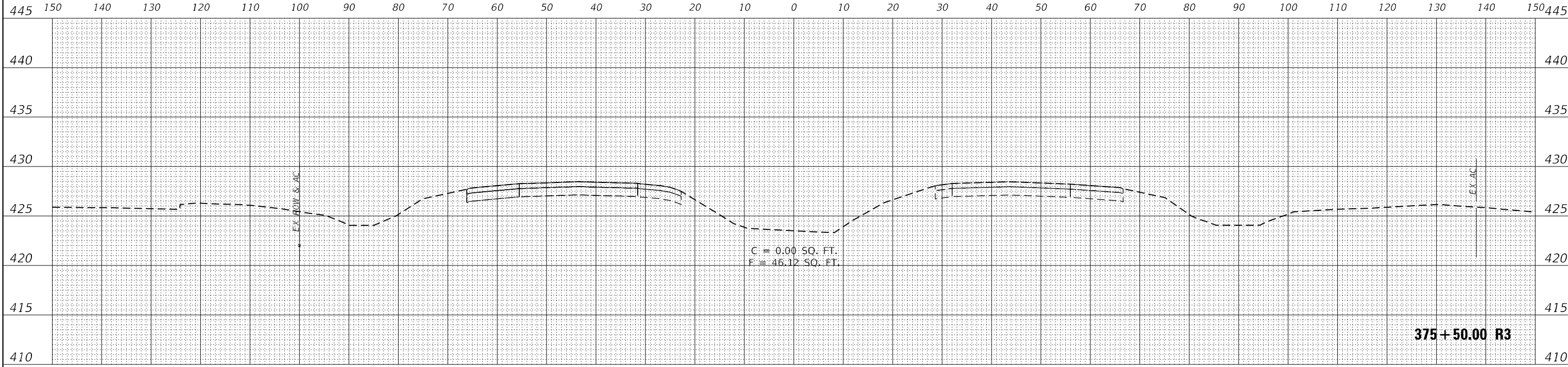
MODEL: Default
 FILE NAME: L:\DOT\1706801\DrawCAD_Sheets\Advanced Phase\Culvert Extension\06-4-270 Ramp C West Culvert Ext. Details.dgn

USER NAME	DESIGNED	REVISION
= Blake Young	- DAC	-
CHECKED	-	-
PLOT SCALE = N/A	DRAWN - DAC	REVISION -
PLOT DATE = 8/18/2024 (3:44:55 PM)	CHECKED -	REVISION -

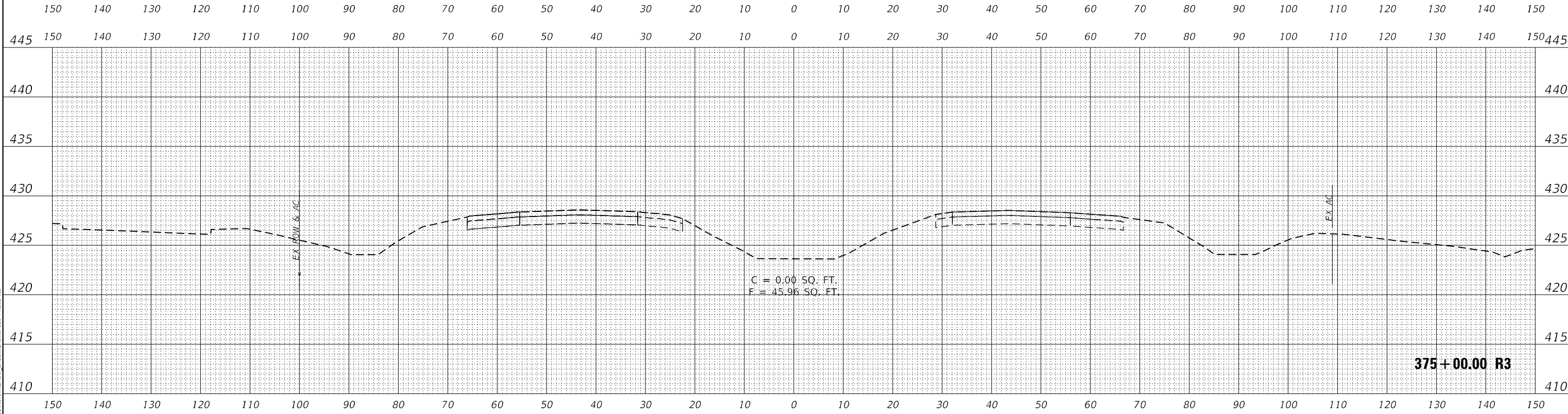
SHEET OF SHEETS

ILLINOIS FED. AID PROJECT

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



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



MODEL 1770
 FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\arcee Phase II

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:07 PM)	DATE - MARCH 2024	REVISED -

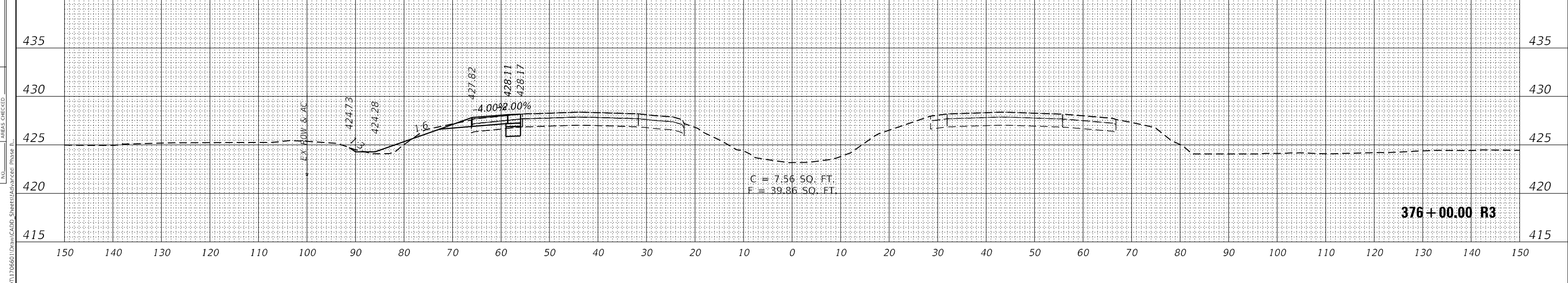
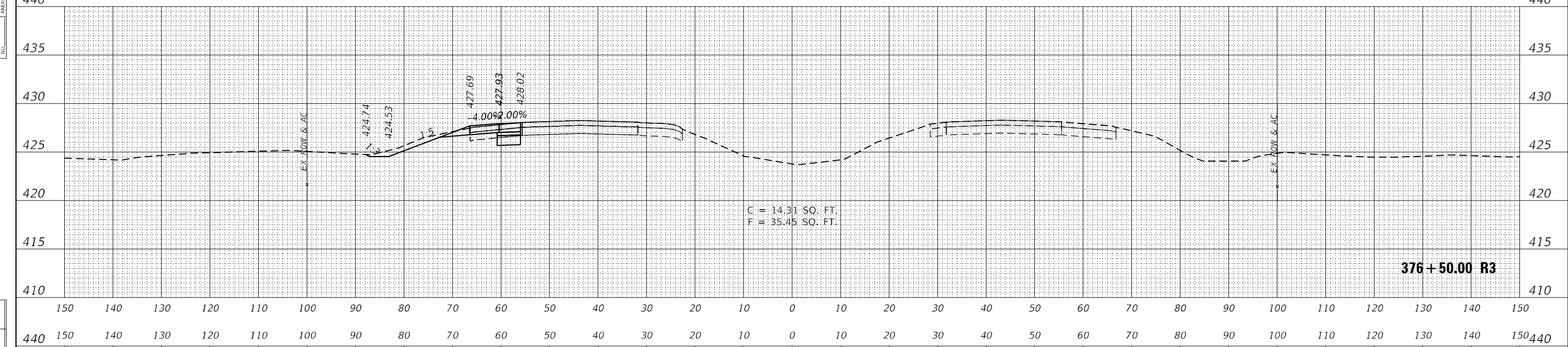
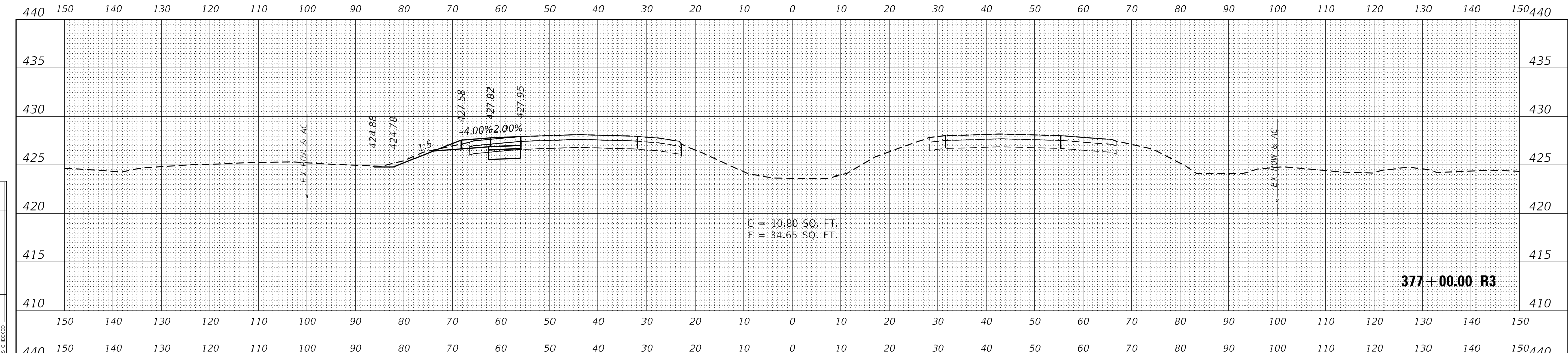
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
INTERIM IL 111 I-270	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 375+00.00 R3 TO STA. 375+50.00 R3	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	471
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

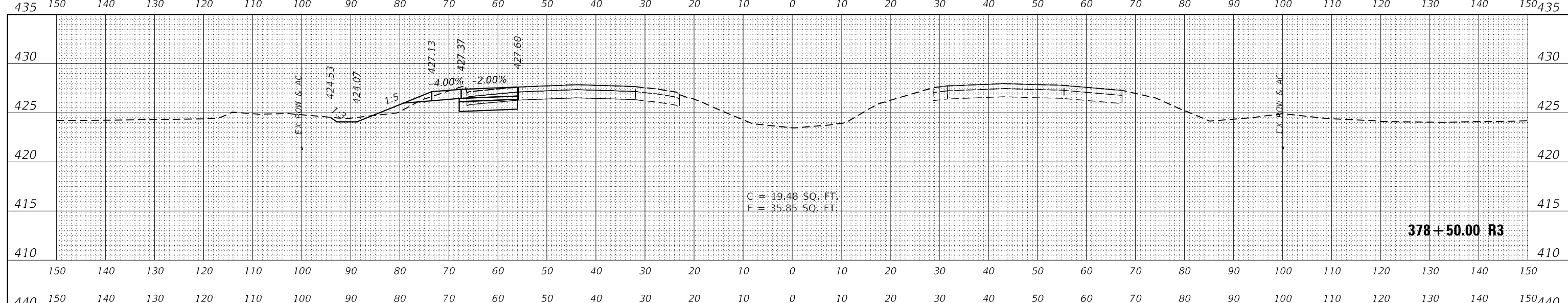
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

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

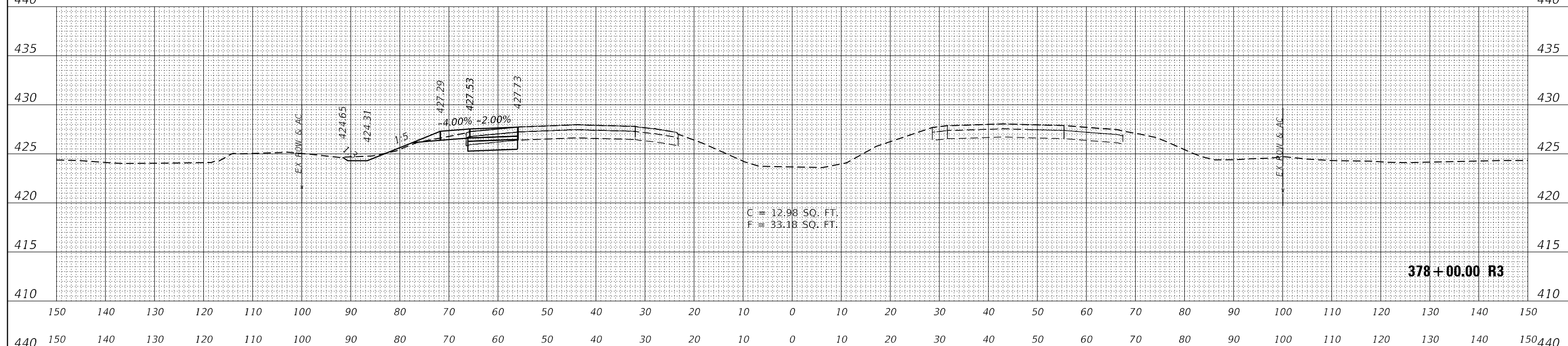


MODEL 1770	USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS INTERIM IL 111 I-270			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\Interim Phase II	PLOT SCALE = 20,0000 * / in.	DRAWN - MJO	REVISED -					270	60-3K-1	MADISON	576	472
	PLOT DATE = 4/26/2024 (1:36:08 PM)	CHECKED - JMM	REVISED -		SCALE: 1" = 10'			SHEET OF SHEETS STA. 376+00.00 R3 TO STA. 377+00.00 R3			CONTRACT NO. 76818	
		DATE - MARCH 2024	REVISED -					ILLINOIS		FED. AID PROJECT		

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



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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\arcee Phase II

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:09 PM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

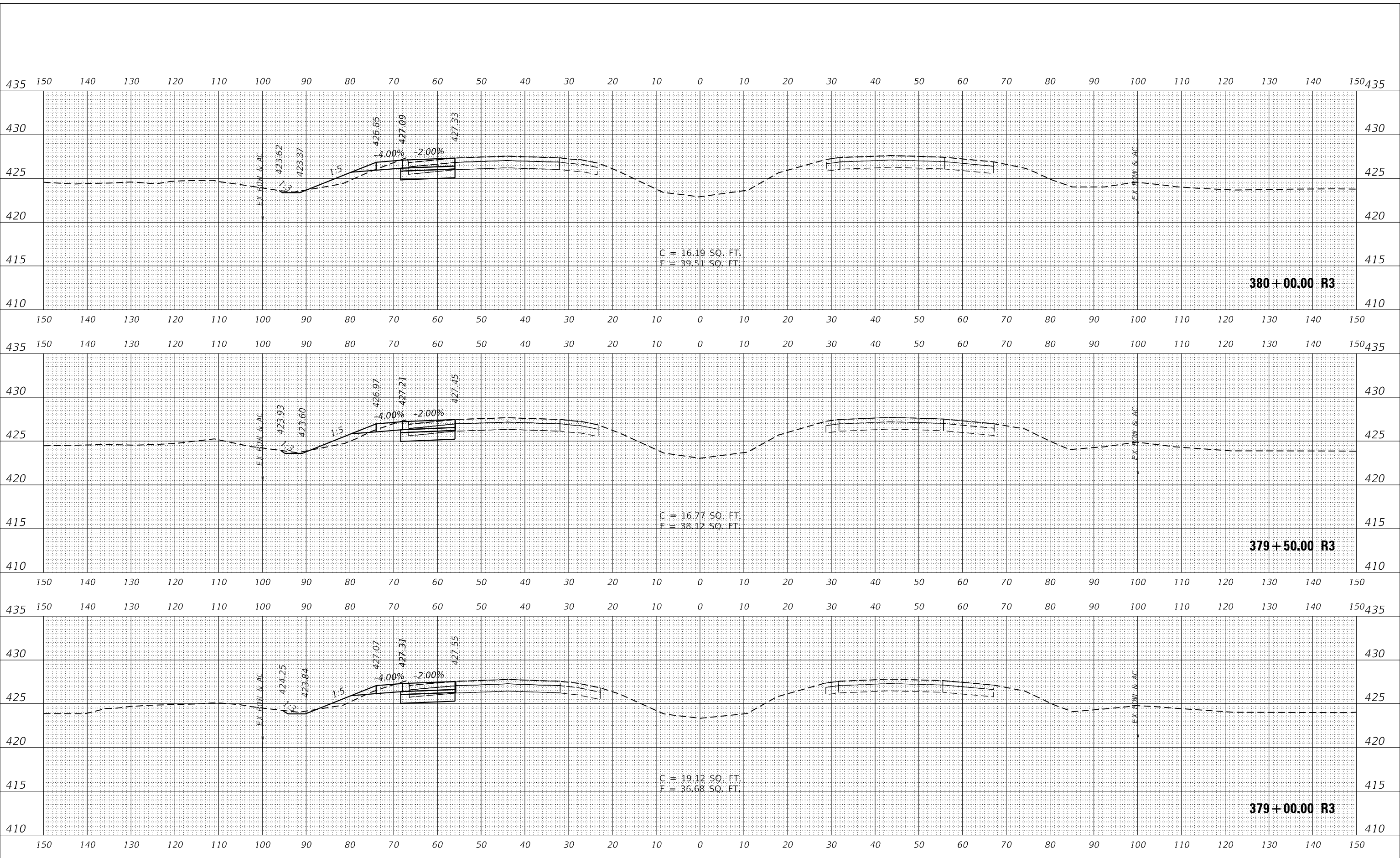
CROSS SECTIONS	
INTERIM IL 111 I-270	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 377+50.00 R3 TO STA. 378+50.00 R3	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	473
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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

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

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\Interim Phase II



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 4/26/2024 (1:36:10 PM)	CHECKED - JMM	REVISED -
	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

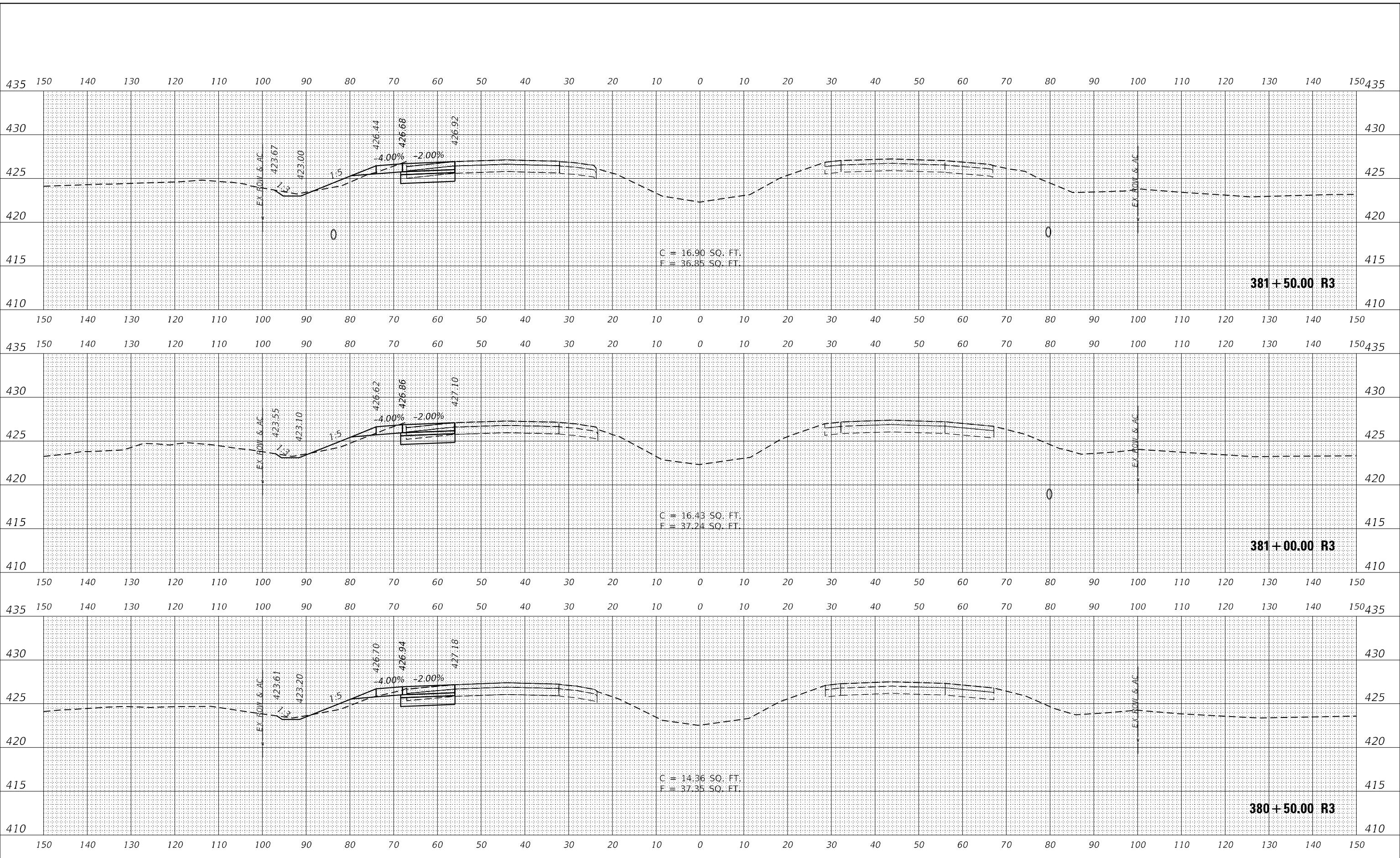
CROSS SECTIONS	
INTERIM IL 111 I-270	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 379+00.00 R3 TO STA. 380+00.00 R3	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	474
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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

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

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\Interim Phase II



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:11 PM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

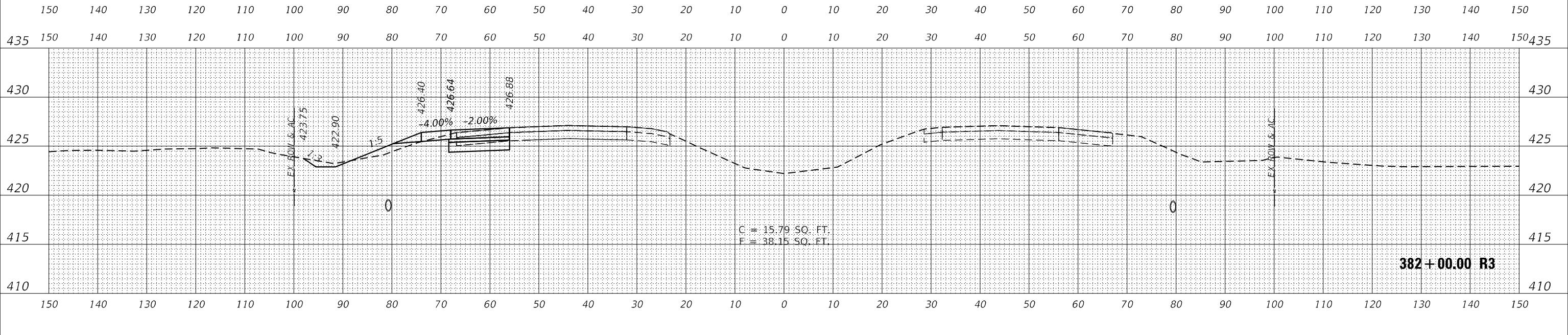
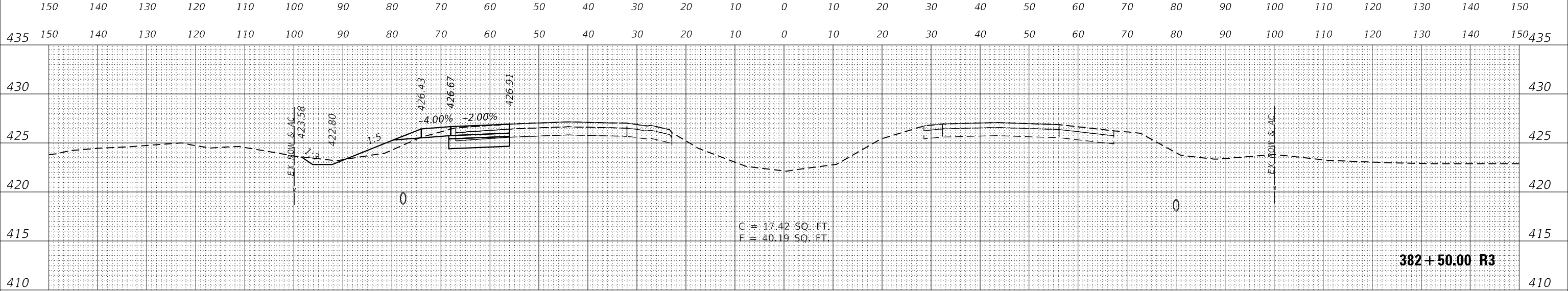
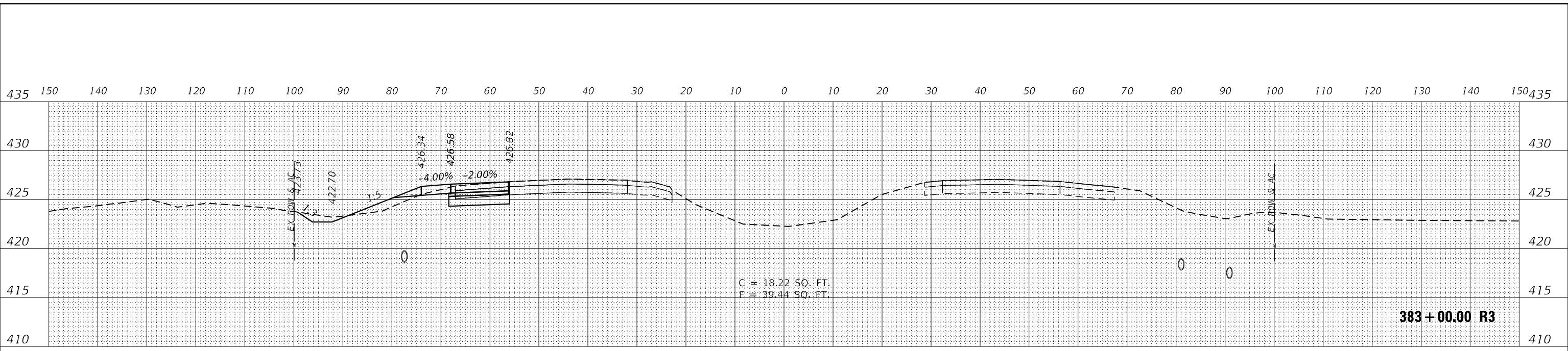
CROSS SECTIONS	
INTERIM IL 111 I-270	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 380+50.00 R3 TO STA. 381+50.00 R3	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	475
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\Interim IL 111 I-270 Phase 1L



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:12 PM)	DATE - MARCH 2024	REVISED -

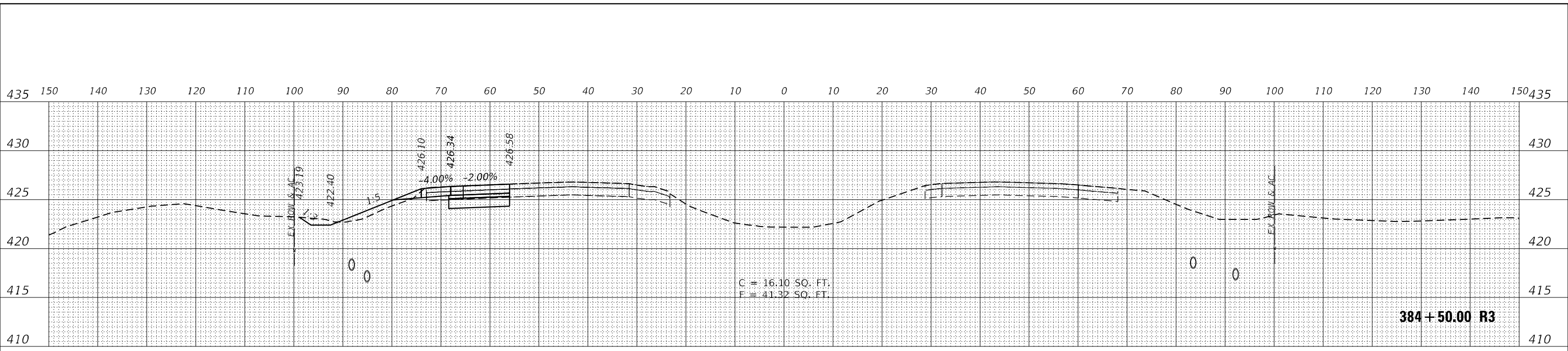
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

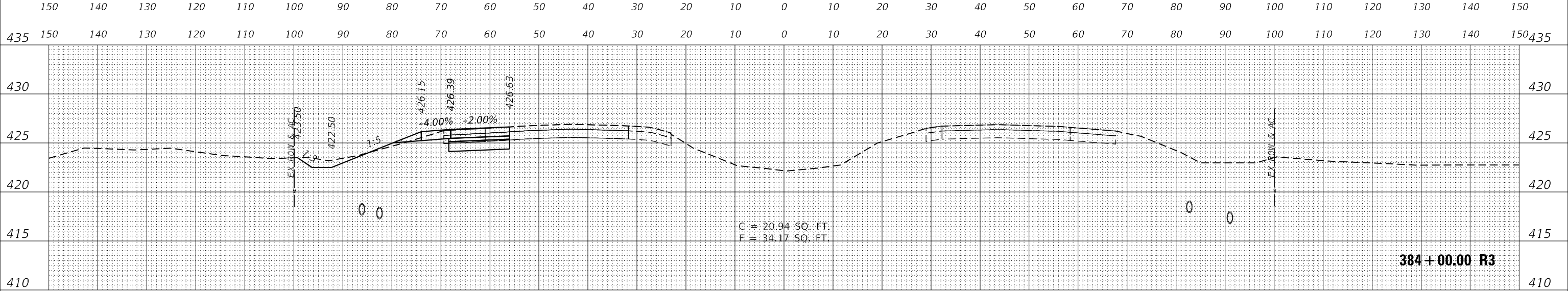
SCALE: 1" = 10' SHEET OF SHEETS STA. 382+00.00 R3 TO STA. 383+00.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	476
				CONTRACT NO. 76818
ILLINOIS FED. AID PROJECT				

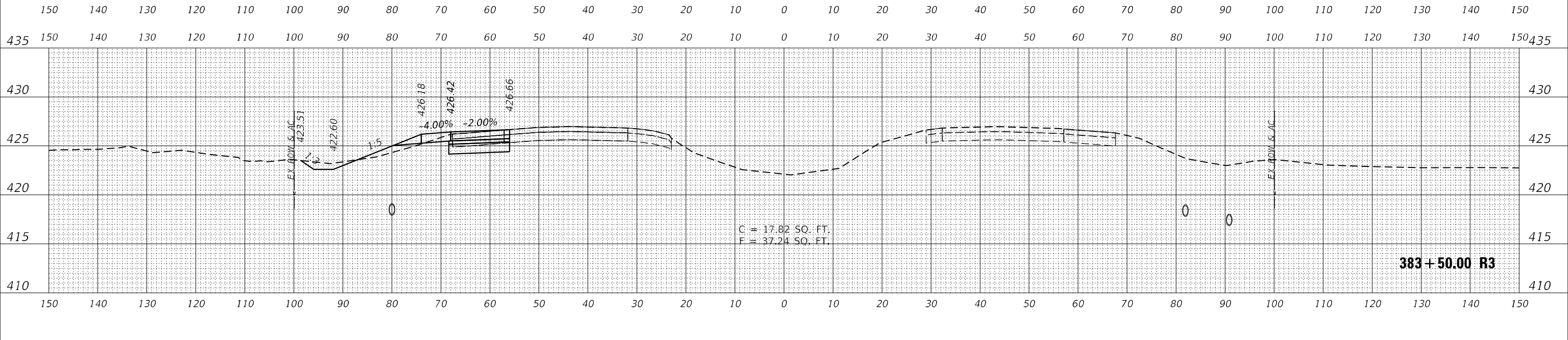
FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



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



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



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
DRAWN - MJO	REVISIONS -	
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:13 PM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
INTERIM IL 111 I-270	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 383+50.00 R3 TO STA. 384+50.00 R3	

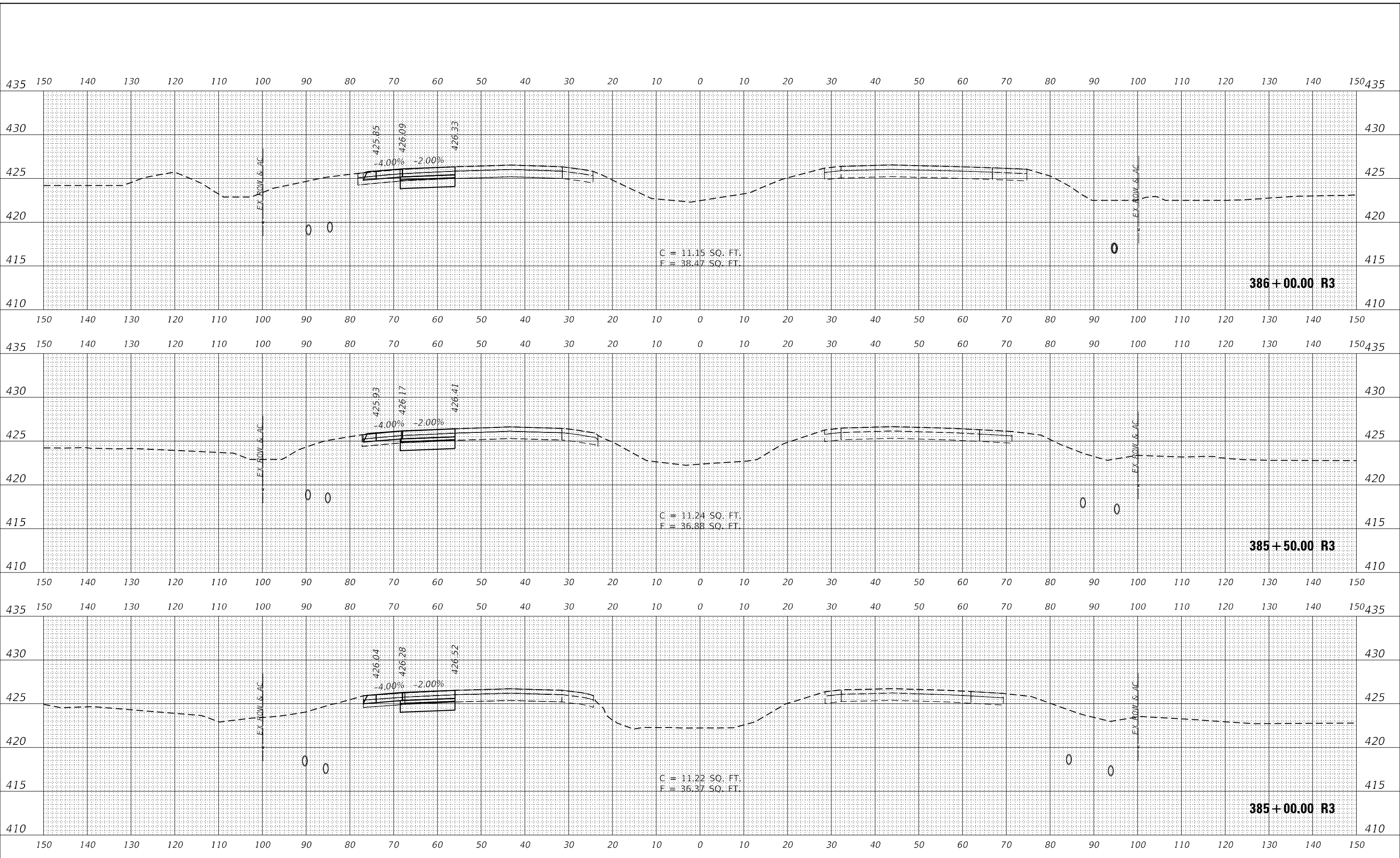
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	477
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\Interim IL 111 I-270

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

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

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\Interim Phase II



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:14 PM)	DATE - MARCH 2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

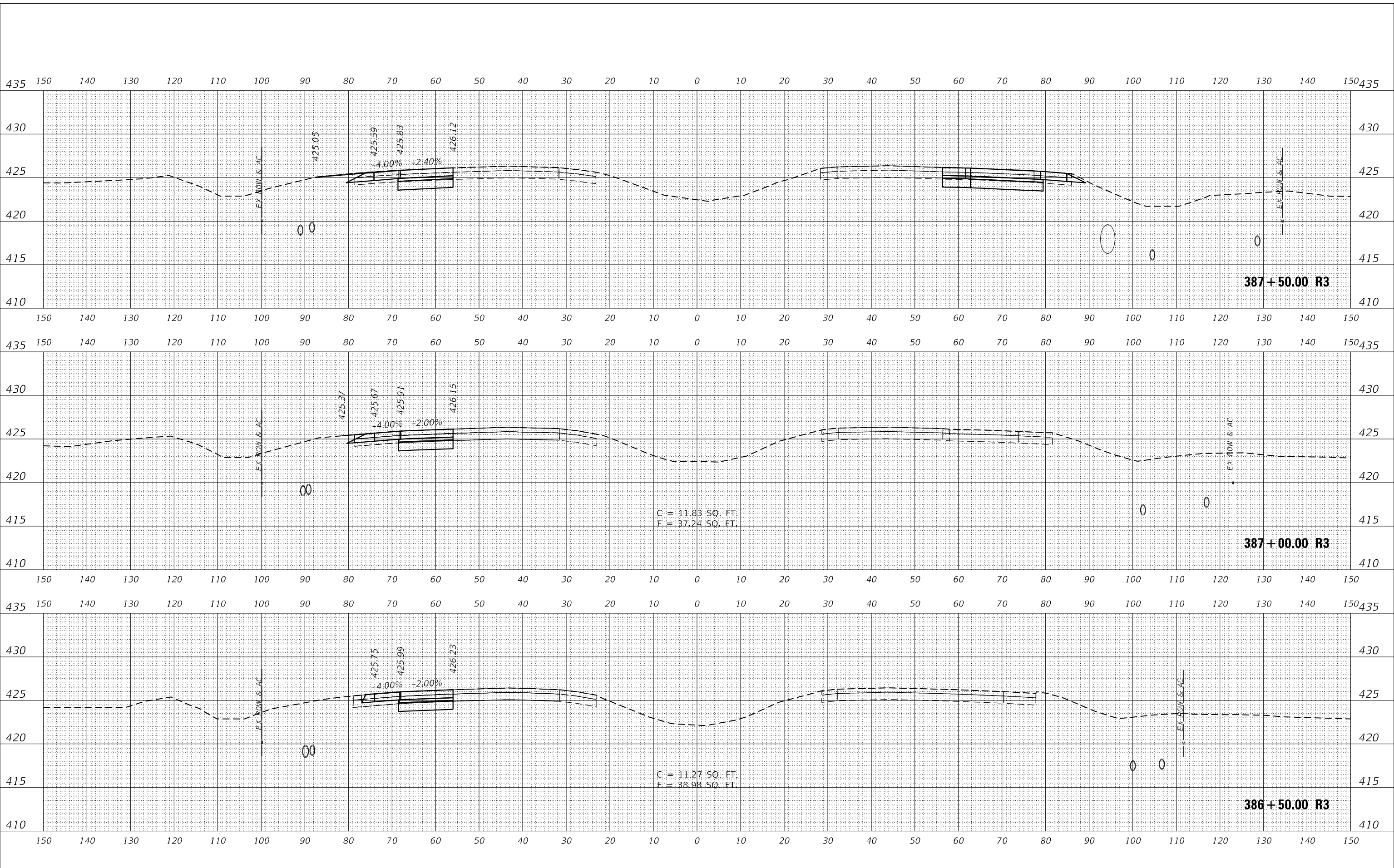
CROSS SECTIONS	
INTERIM IL 111 I-270	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 385+00.00 R3 TO STA. 386+00.00 R3	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	478
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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

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

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A36E Phase II



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 4/26/2024 (1:36:14 PM)	CHECKED - JMM	REVISED -
	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

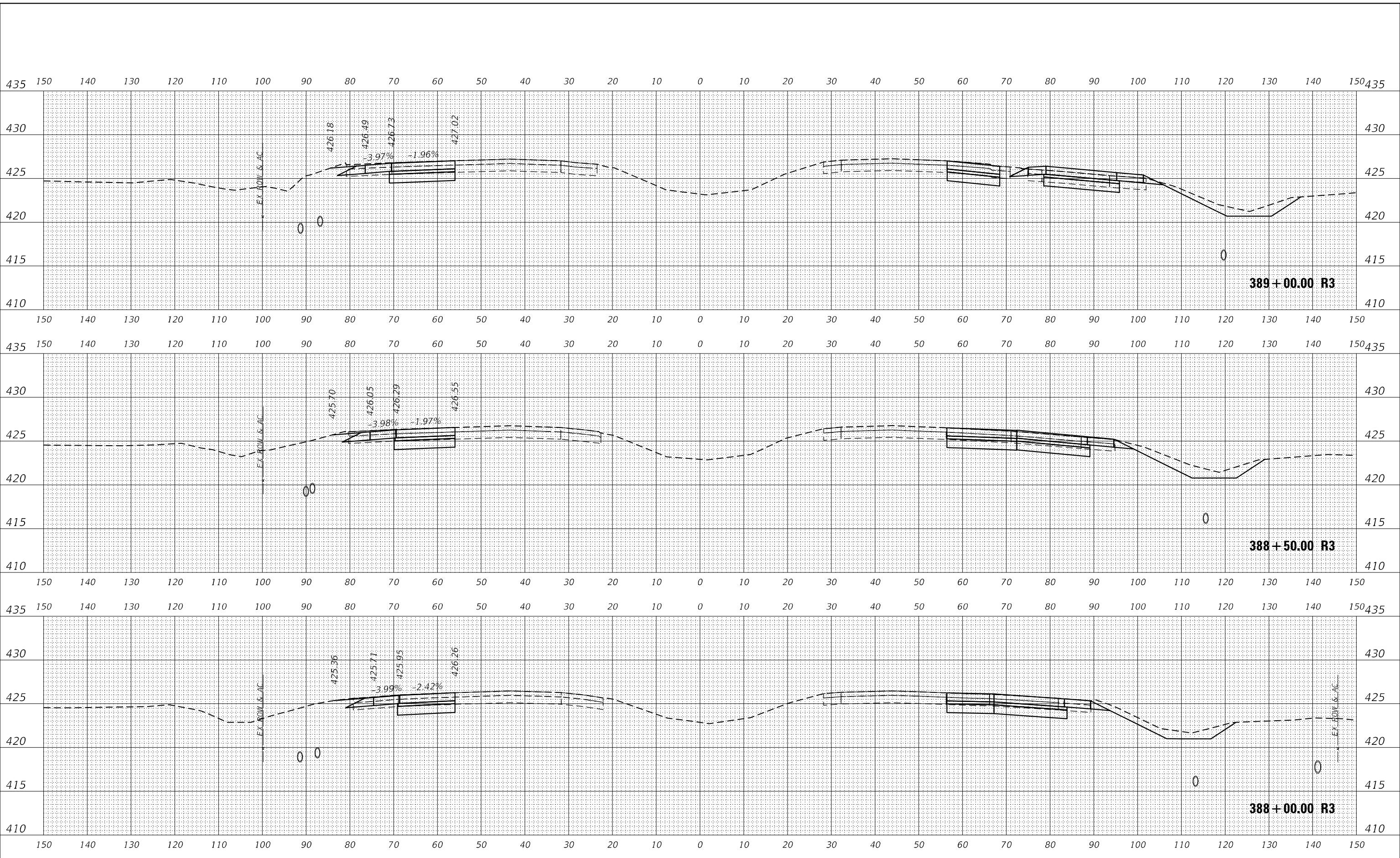
CROSS SECTIONS			
INTERIM IL 111 I-270			
SCALE: 1" = 10'	SHEET	OF	SHEETS
STA. 386+50.00 R3 TO STA. 387+50.00 R3		ILLINOIS FED. AID PROJECT	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	479
				CONTRACT NO. 76818

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

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

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\Interim Phase II



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
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PLOT DATE = 4/26/2024 (1:36:15 PM)	DATE - MARCH 2024	REVISED -

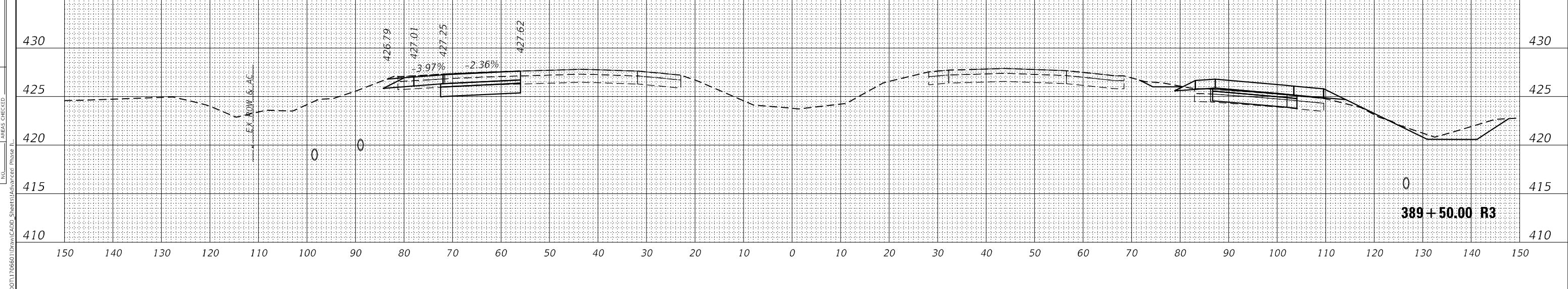
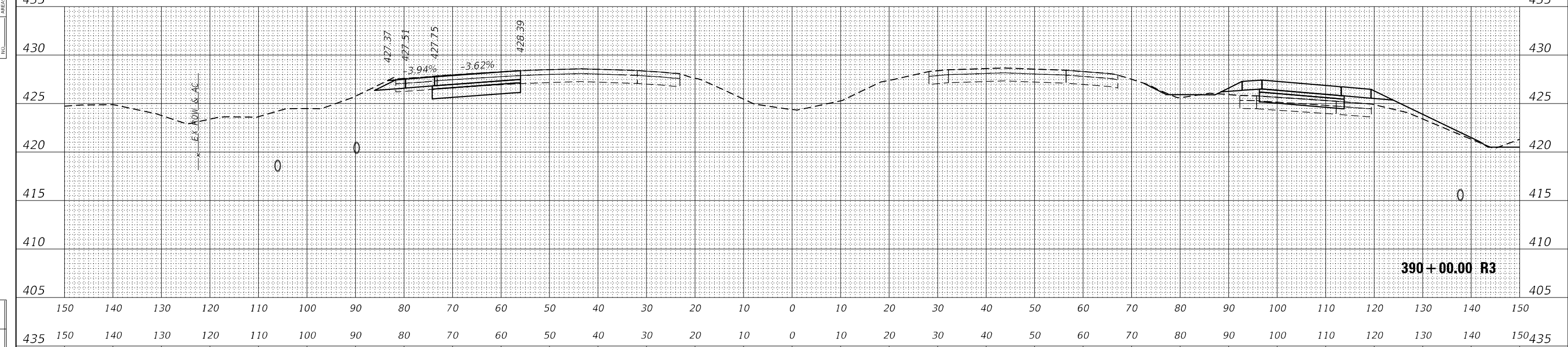
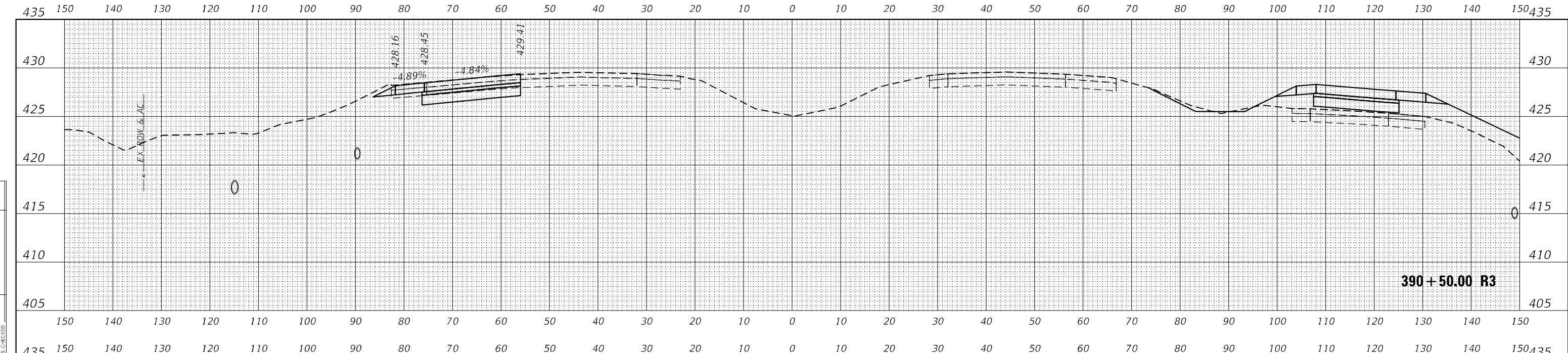
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
INTERIM IL 111 I-270	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 388+00.00 R3 TO STA. 389+00.00 R3	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	480
				CONTRACT NO. 76818
ILLINOIS FED. AID PROJECT				

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

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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\arcee Phase II

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
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PLOT DATE = 4/26/2024 (1:36:16 PM)	DATE - MARCH 2024	REVISED -

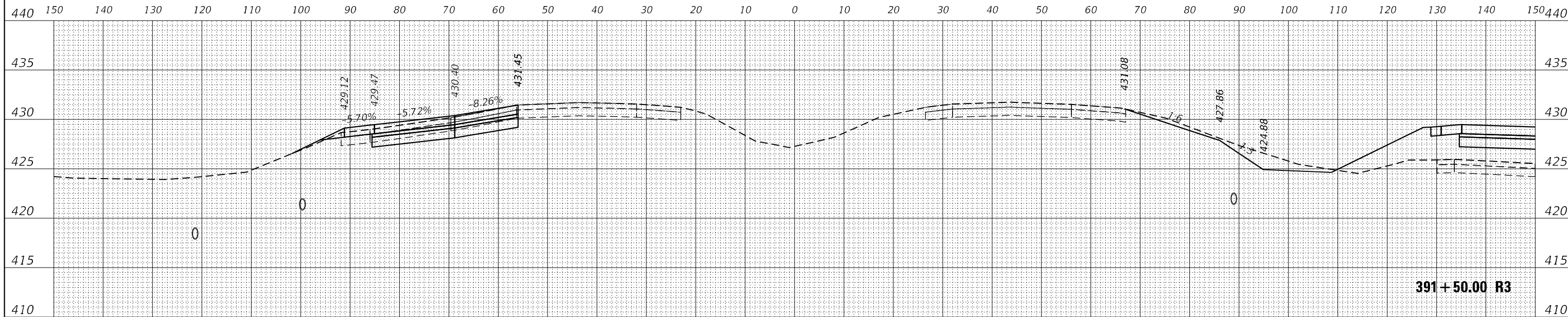
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

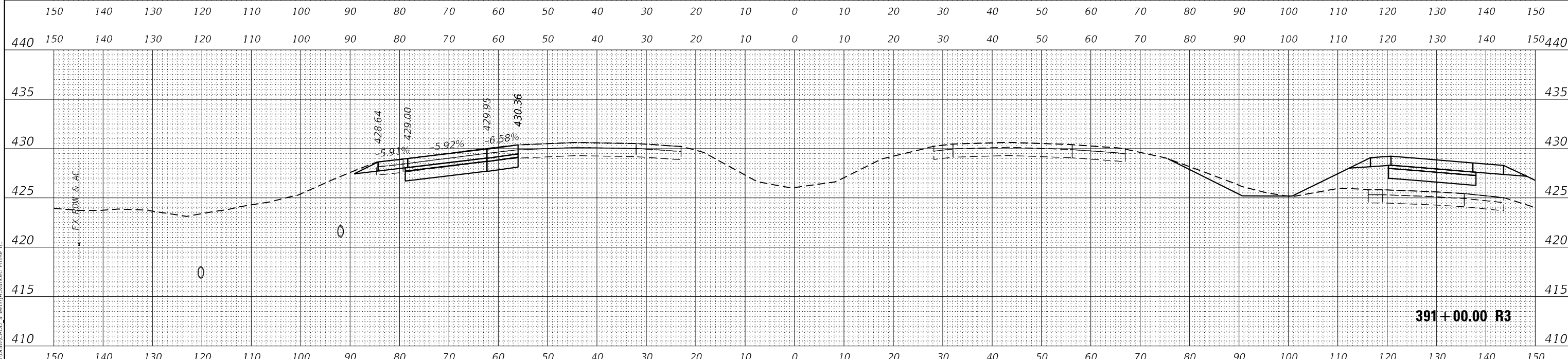
SCALE: 1" = 10' SHEET OF SHEETS STA. 389+50.00 R3 TO STA. 390+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	481
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

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



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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A391R3.dwg

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:17 PM)	DATE - MARCH 2024	REVISED -

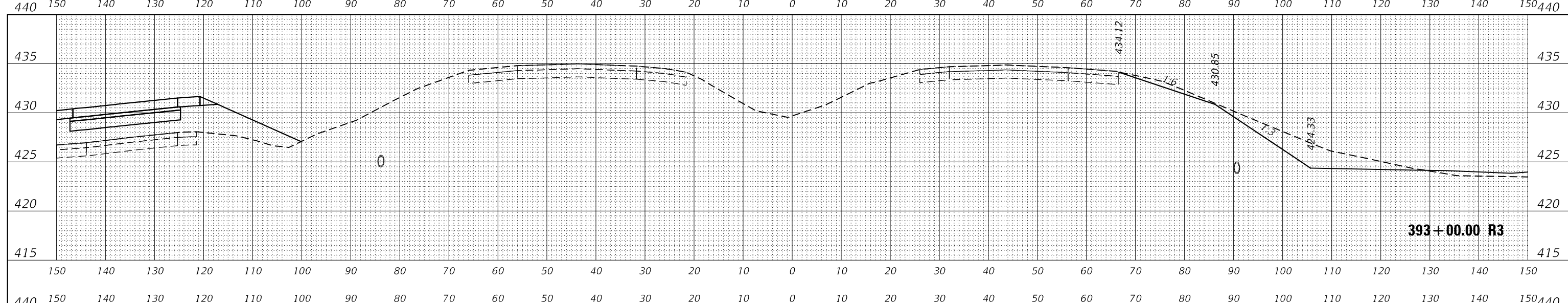
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

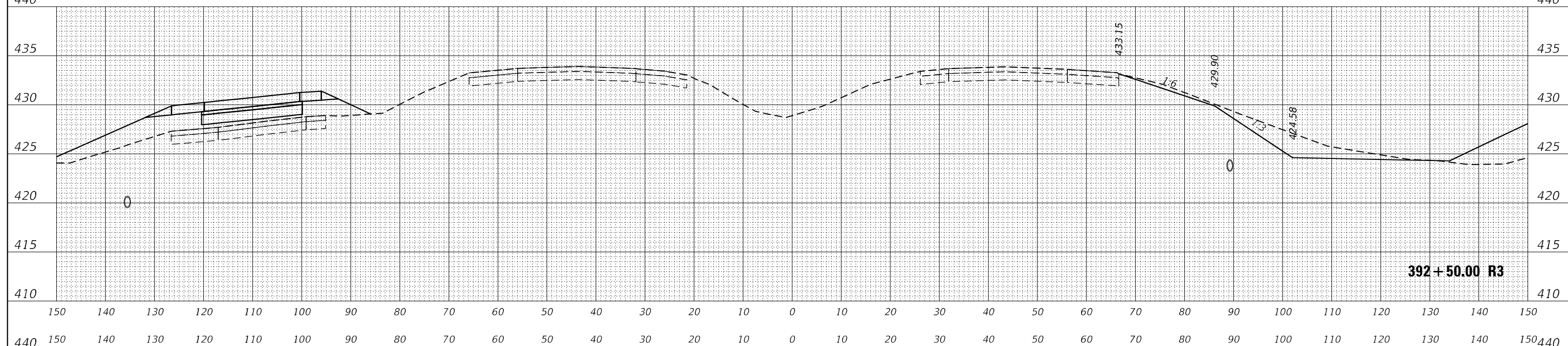
SCALE: 1" = 10' SHEET OF SHEETS STA. 391+00.00 R3 TO STA. 391+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	482
				CONTRACT NO. 76818
ILLINOIS FED. AID PROJECT				

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



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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\arcee Phase II

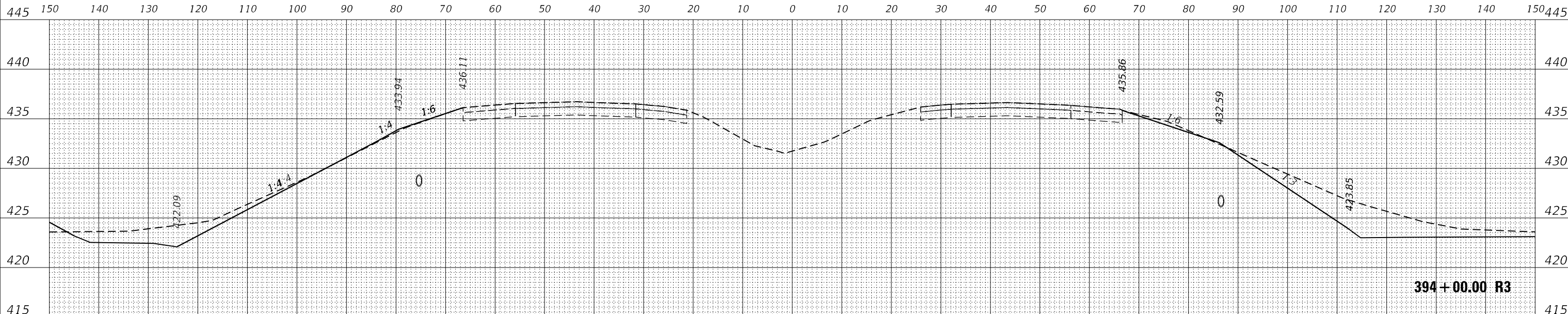
USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

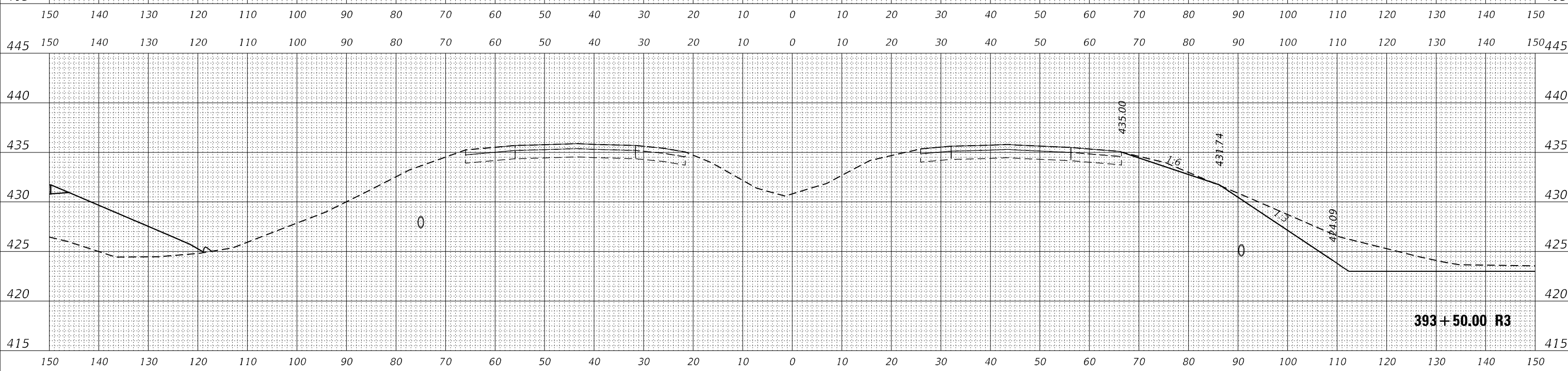
CROSS SECTIONS			
INTERIM IL 111 I-270			
SCALE: 1" = 10'	SHEET	OF	SHEETS
		STA. 392+00.00 R3 TO STA. 393+00.00 R3	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	483
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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



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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A393E Phase II

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 4/26/2024 (1:36:19 PM)	CHECKED - JMM	REVISED -
	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

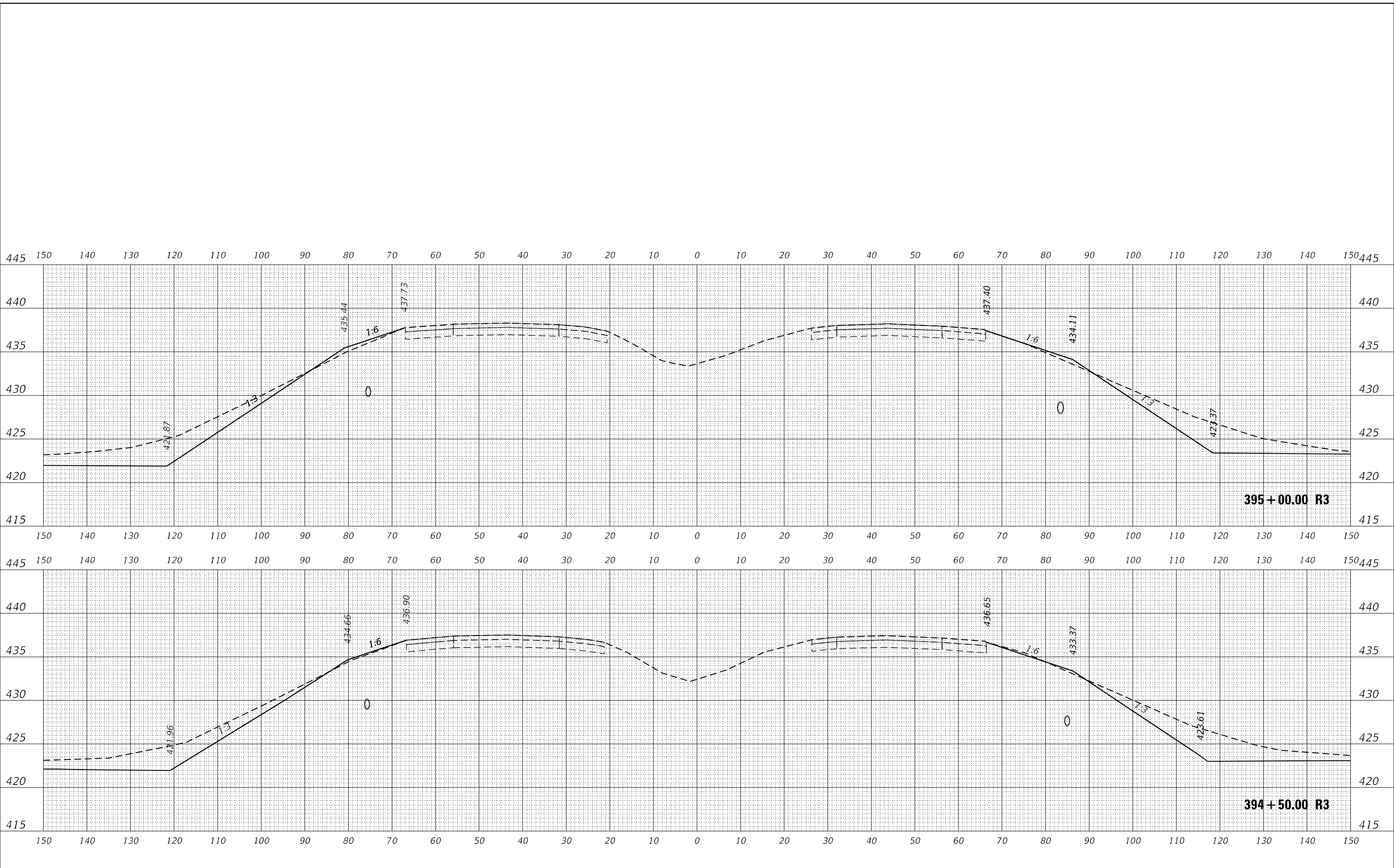
CROSS SECTIONS	
INTERIM IL 111 I-270	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 393+50.00 R3 TO STA. 394+00.00 R3	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	484
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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

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

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A-000-Phase II



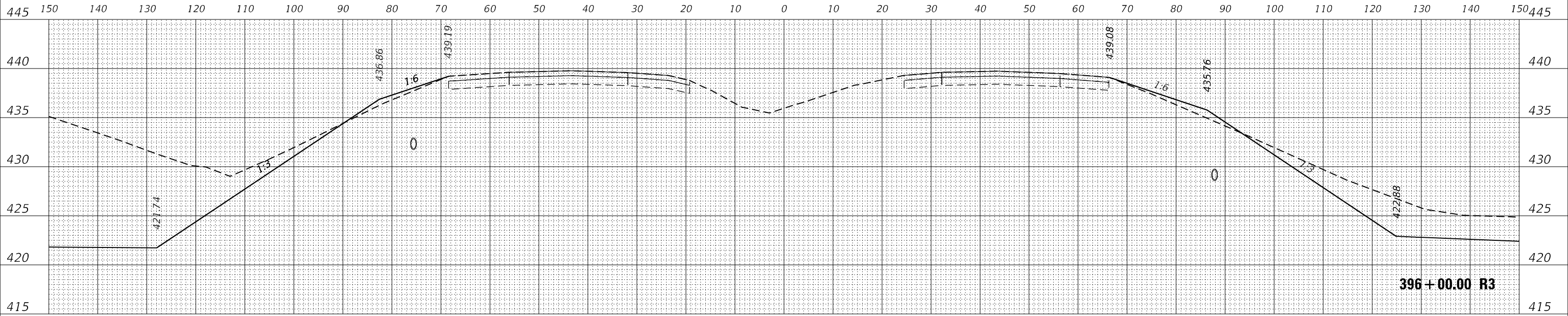
USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:19 PM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

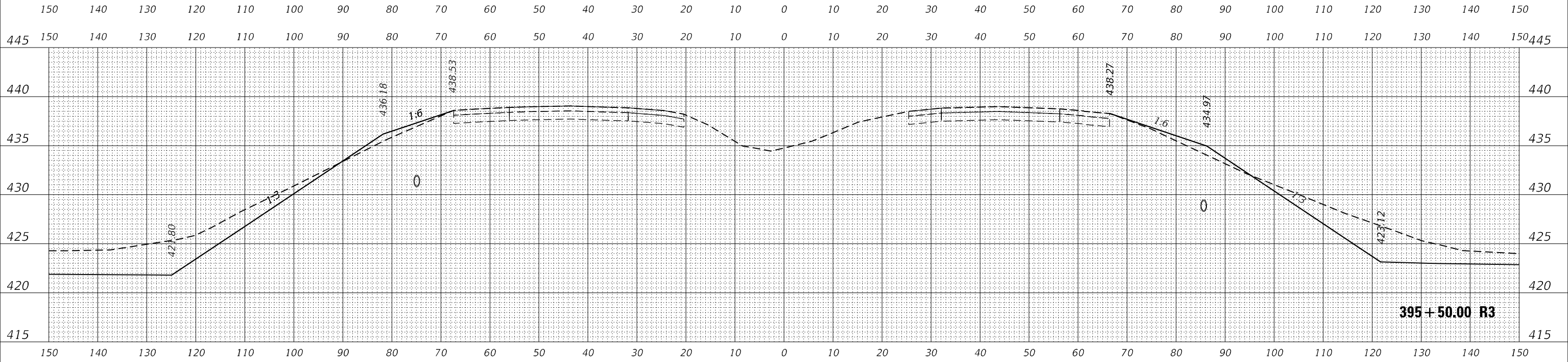
CROSS SECTIONS	
INTERIM IL 111 I-270	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 394+50.00 R3 TO STA. 395+00.00 R3	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	485
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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



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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A395E Phase II

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 4/26/2024 (1:36:20 PM)	CHECKED - JMM	REVISED -
	DATE - MARCH 2024	REVISED -

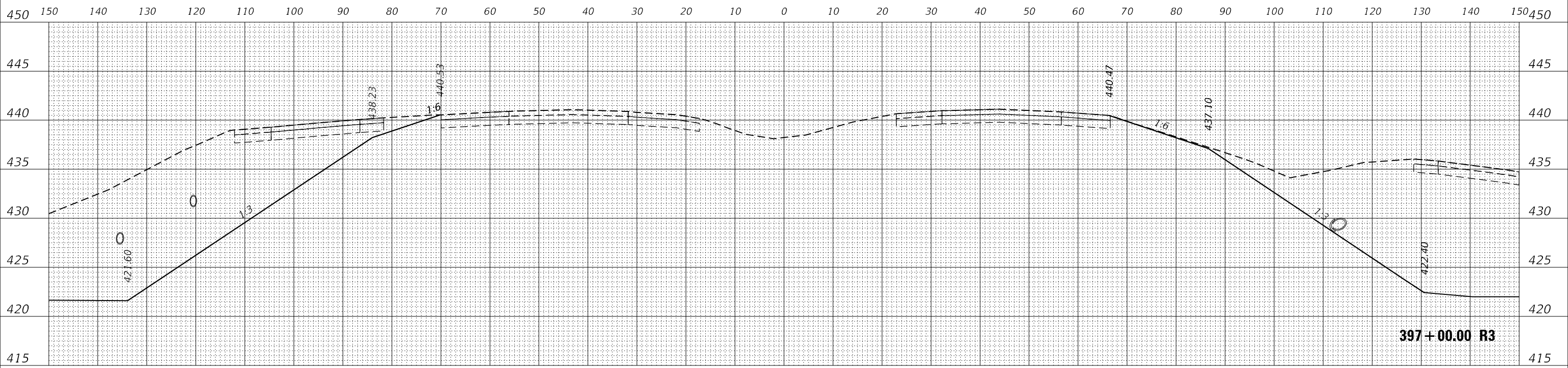
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

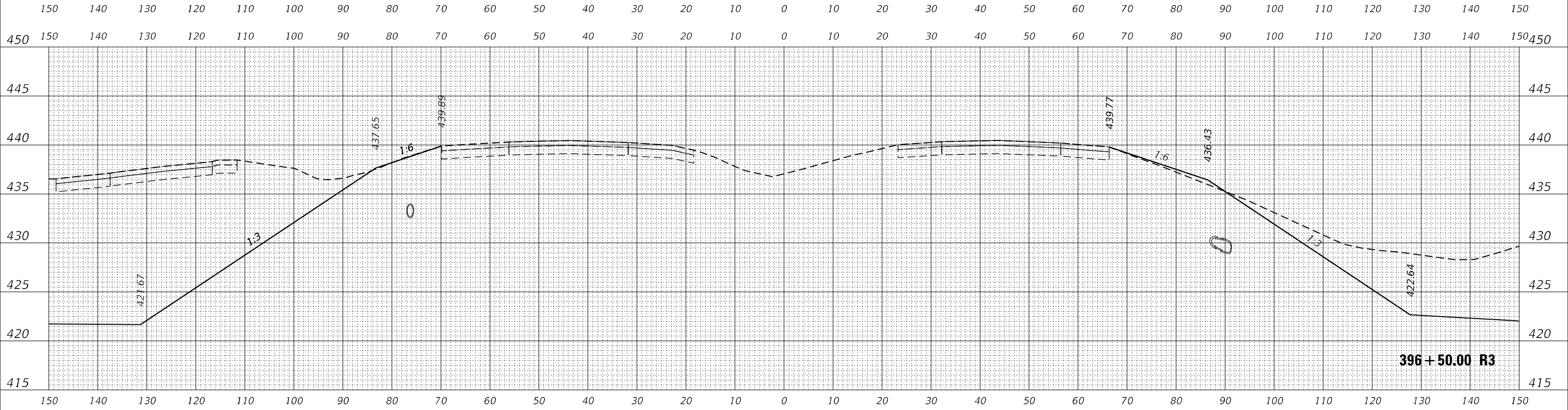
SCALE: 1" = 10' SHEET OF SHEETS STA. 395+50.00 R3 TO STA. 396+00.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	486
				CONTRACT NO. 76818
ILLINOIS FED. AID PROJECT				

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



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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A396E Phase II

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:21 PM)	DATE - MARCH 2024	REVISED -

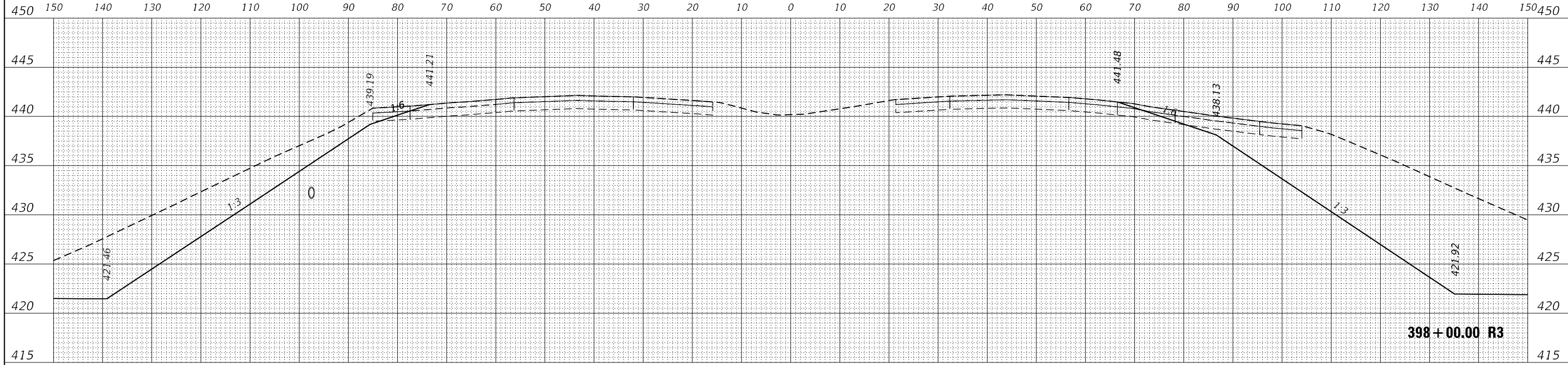
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

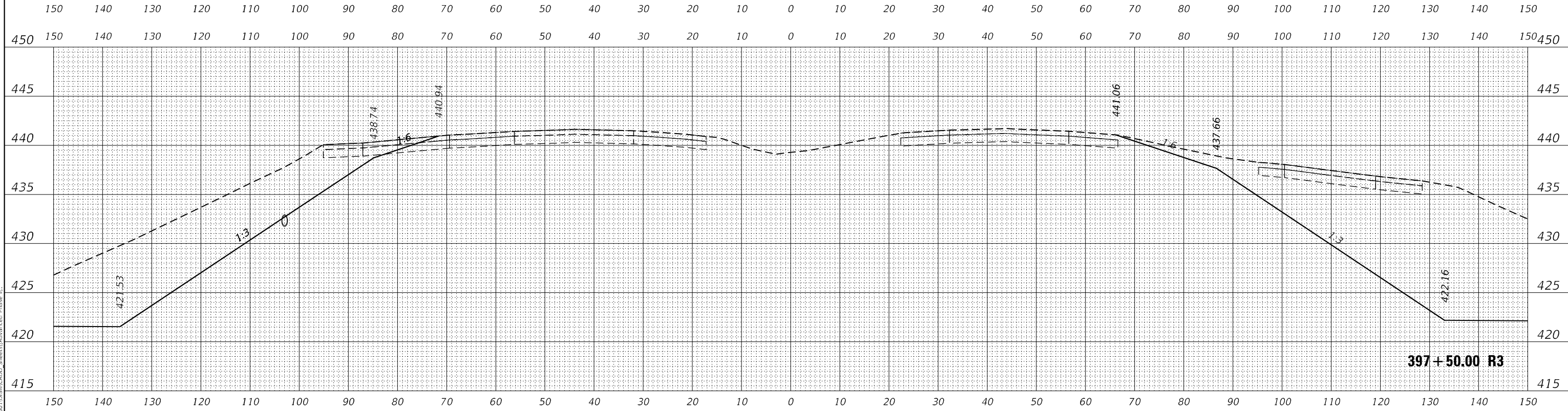
SCALE: 1" = 10' SHEET OF SHEETS STA. 396+50.00 R3 TO STA. 397+00.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	487
			CONTRACT NO. 76818	
ILLINOIS FED. AID PROJECT				

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



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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A397E Phase II

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:22 PM)	DATE - MARCH 2024	REVISED -

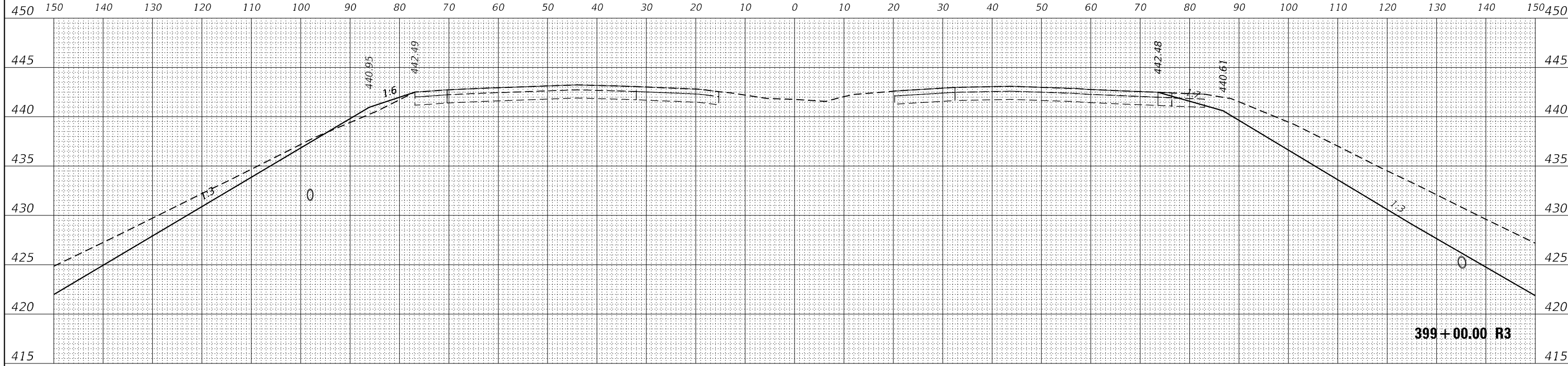
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

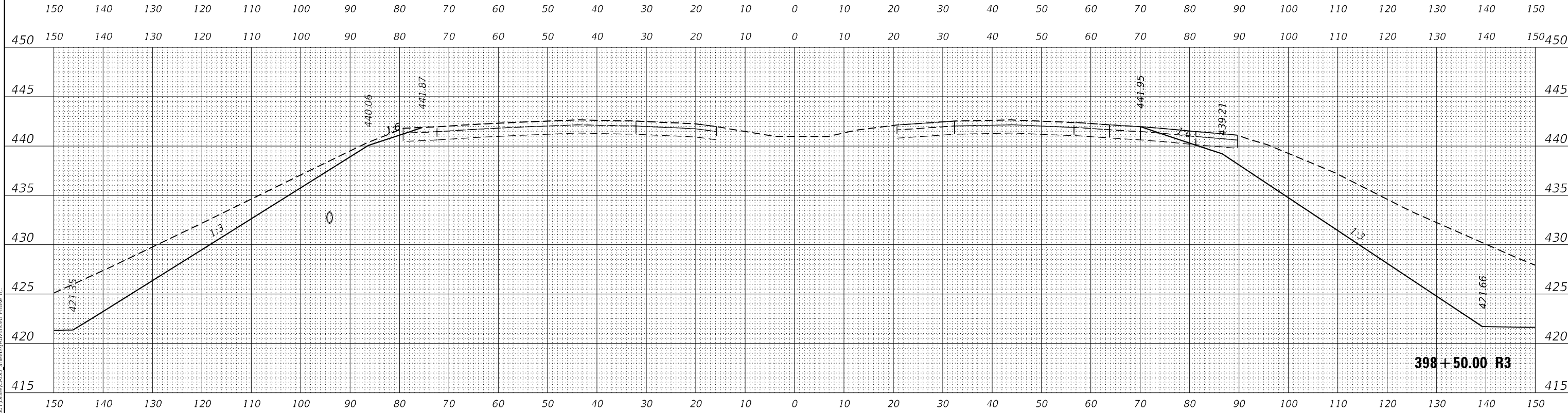
SCALE: 1" = 10' SHEET OF SHEETS STA. 397+50.00 R3 TO STA. 398+00.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	488
				CONTRACT NO. 76818
ILLINOIS FED. AID PROJECT				

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



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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A398E Phase II

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:23 PM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

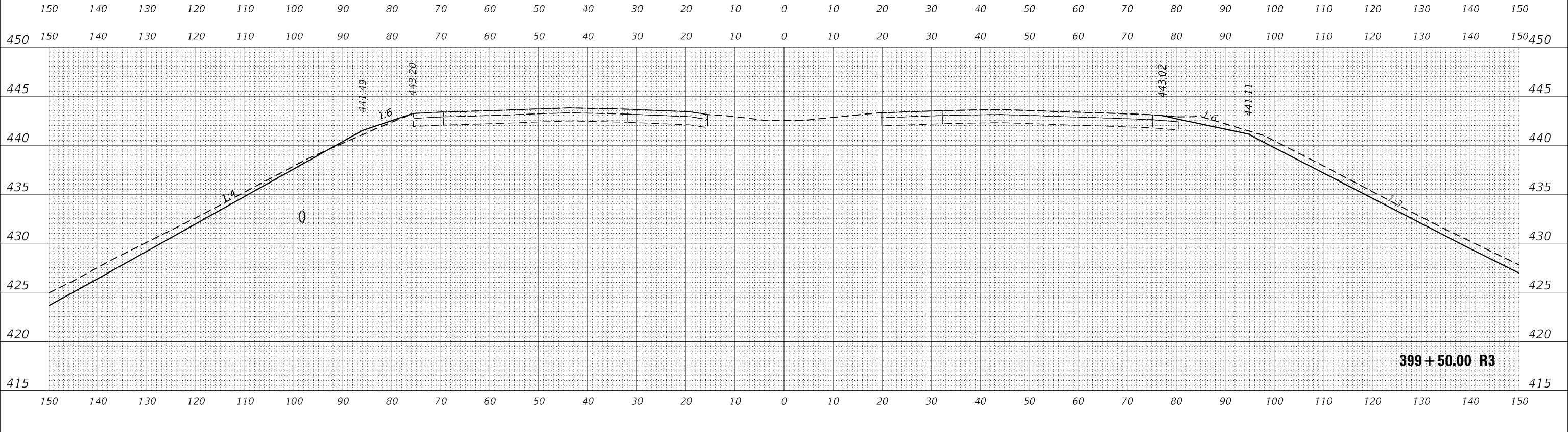
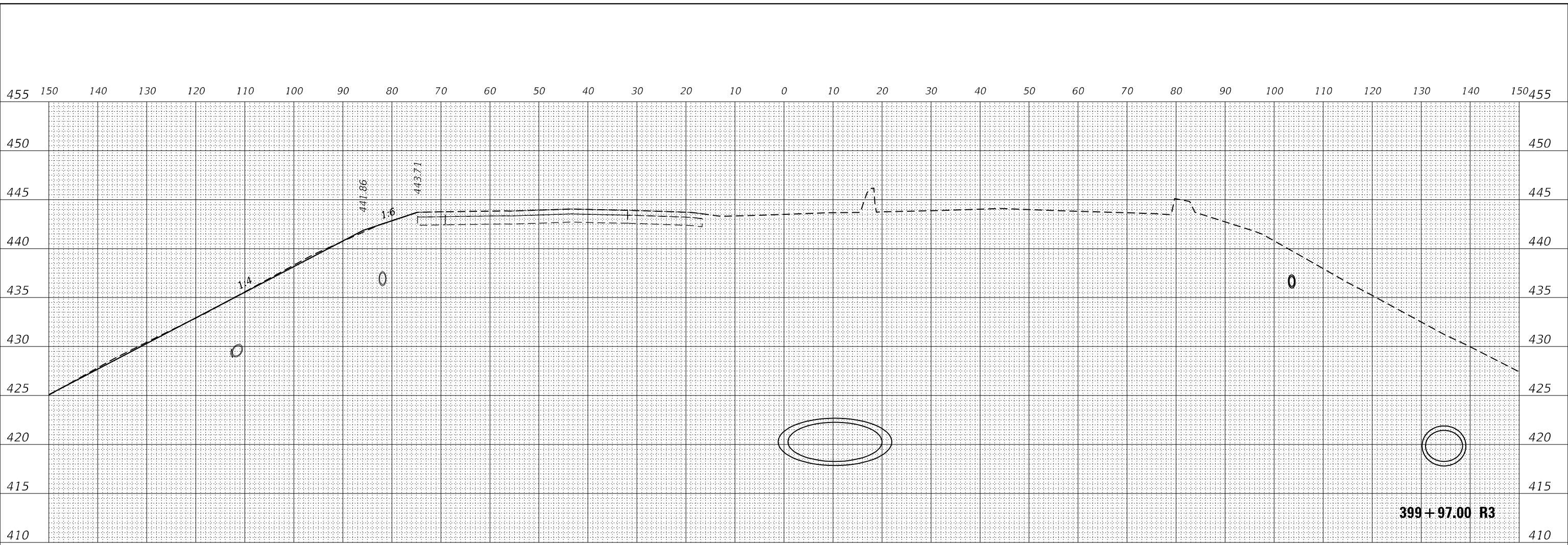
SCALE: 1" = 10' SHEET OF SHEETS STA. 398+50.00 R3 TO STA. 399+00.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	489
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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

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

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A-000-Phase II



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 4/26/2024 (1:36:24 PM)	CHECKED - JMM	REVISED -
	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

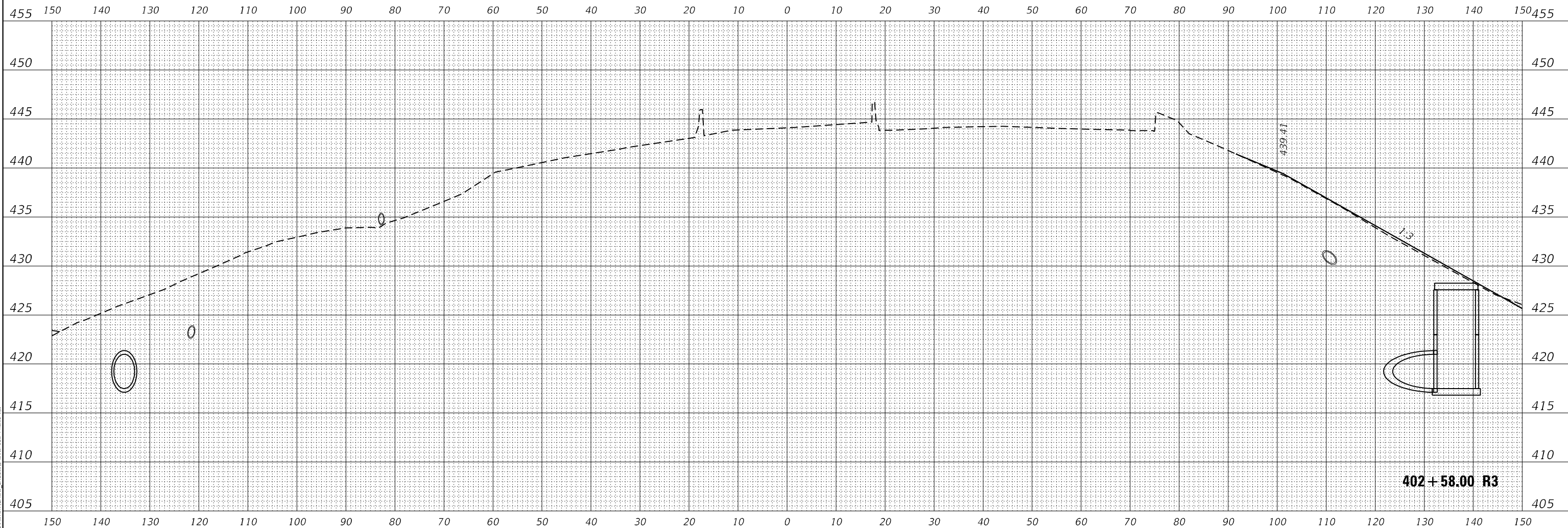
SCALE: 1" = 10' SHEET OF SHEETS STA. 399+50.00 R3 TO STA. 399+97.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	490
				CONTRACT NO. 76818
ILLINOIS FED. AID PROJECT				

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

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

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A3R3E Phase II



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:24 PM)	DATE - MARCH 2024	REVISED -

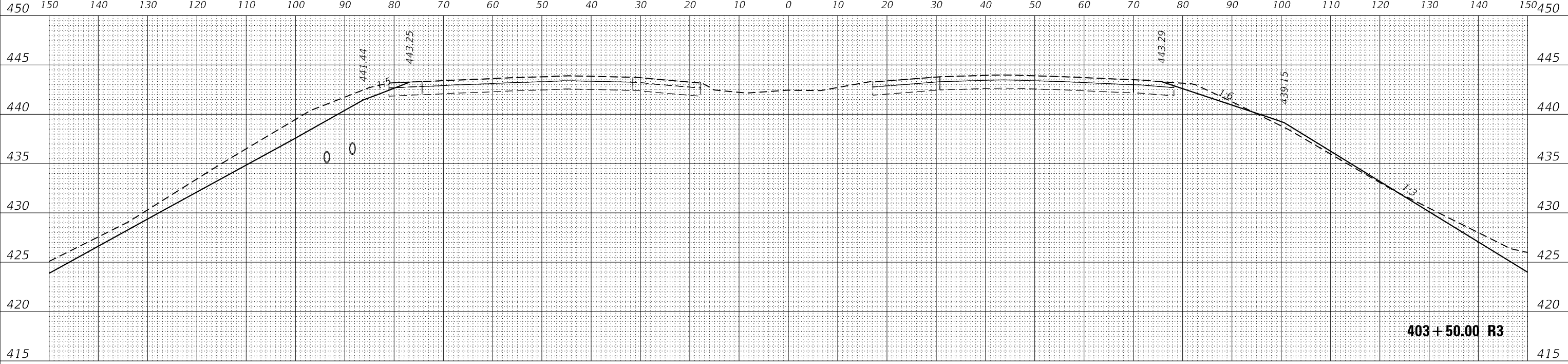
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 10'		SHEET OF SHEETS		STA. 402+58.00 R3 TO STA. 402+58.00 R3		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						270	60-3K-1	MADISON	576	491
						CONTRACT NO. 76818				
						ILLINOIS FED. AID PROJECT				

**CROSS SECTIONS
INTERIM IL 111 I-270**

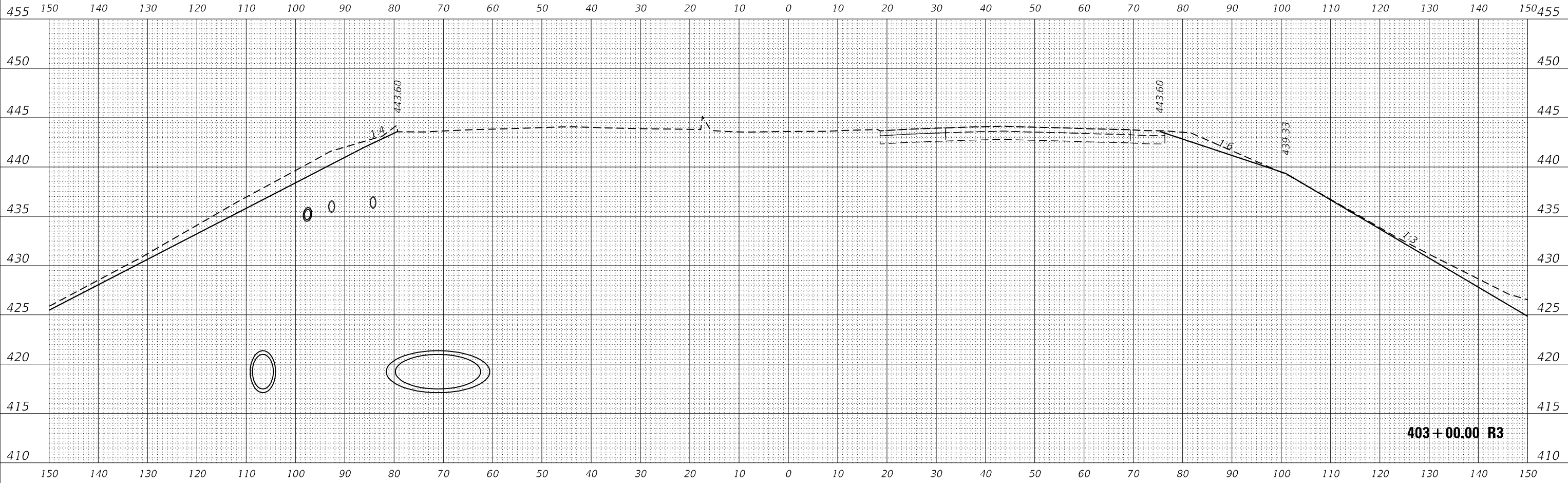
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	491
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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



403+50.00 R3

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



403+00.00 R3

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\arcee Phase II

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:25 PM)	DATE - MARCH 2024	REVISED -

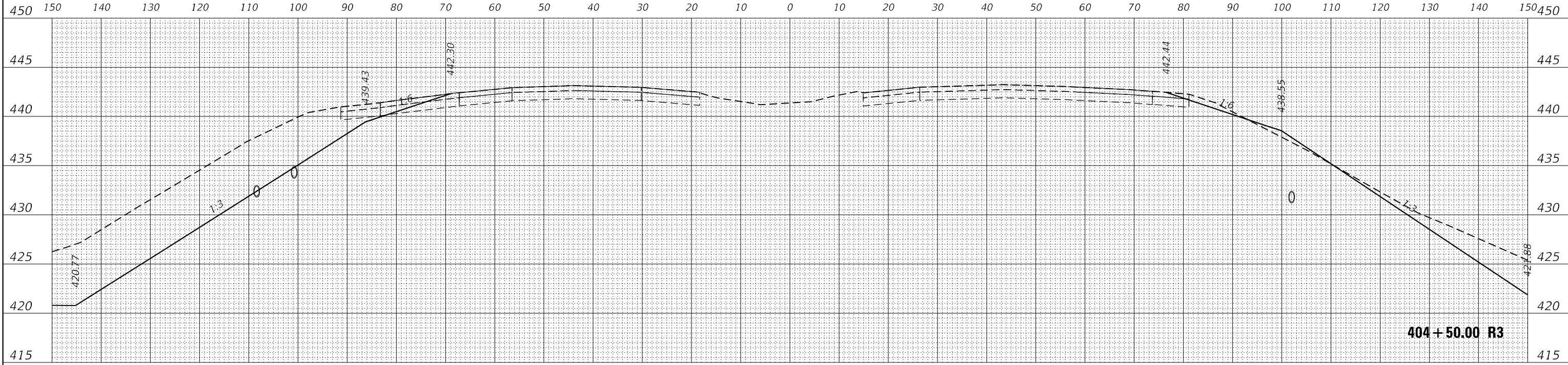
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

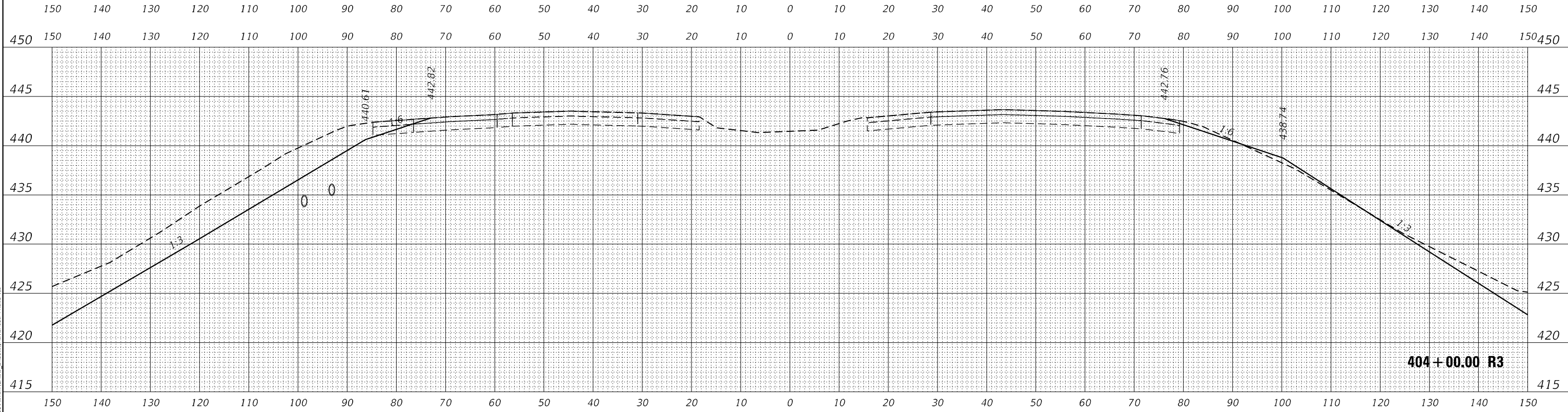
SCALE: 1" = 10' SHEET OF SHEETS STA. 403+00.00 R3 TO STA. 403+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	492
CONTRACT NO. 76818			ILLINOIS FED. AID PROJECT	

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



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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A000000.dwg

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 4/26/2024 (1:36:26 PM)	CHECKED - JMM	REVISED -
	DATE - MARCH 2024	REVISED -

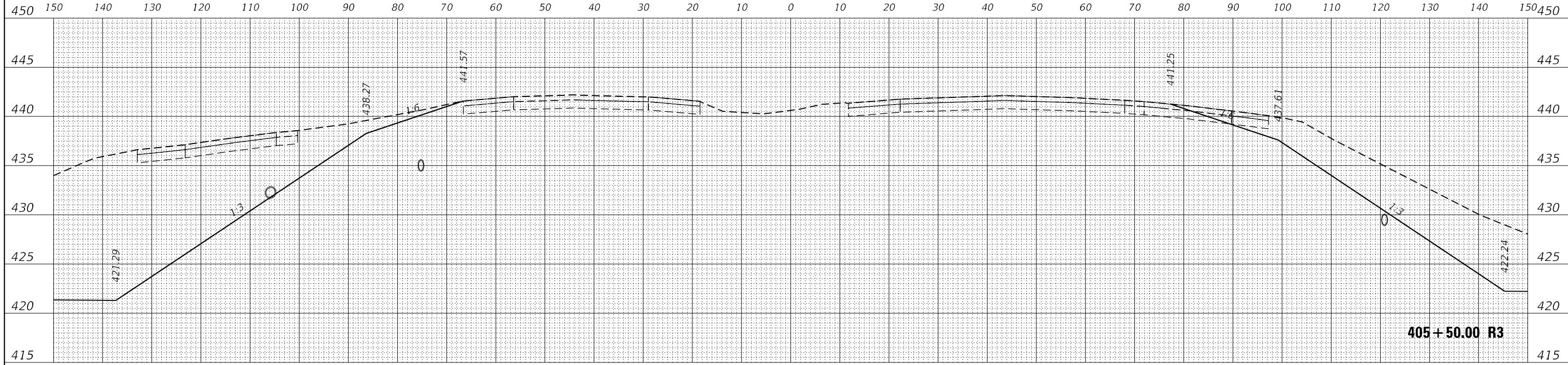
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

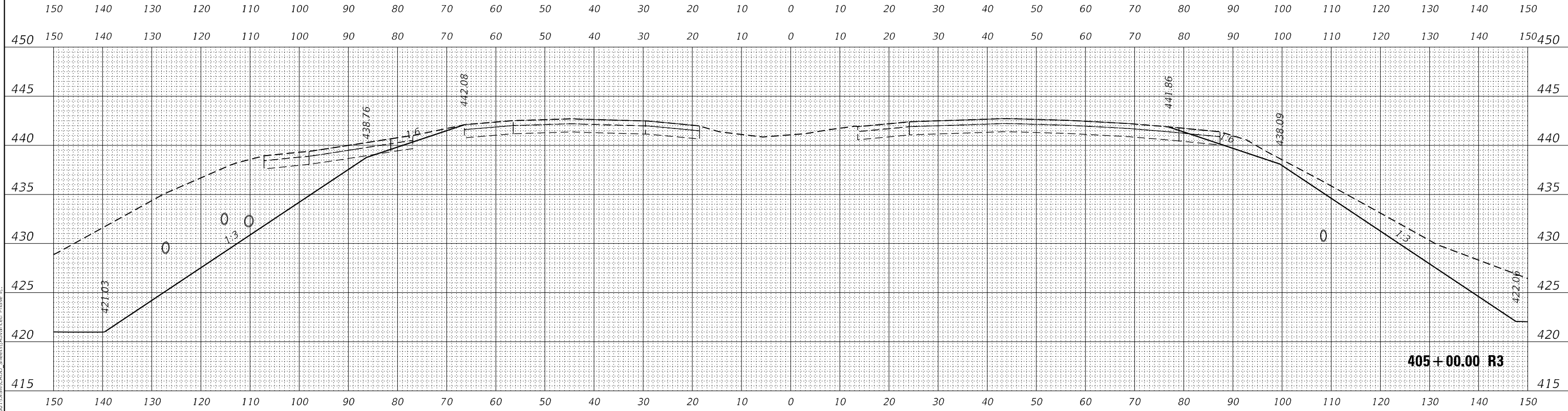
SCALE: 1" = 10' SHEET OF SHEETS STA. 404+00.00 R3 TO STA. 404+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	493
				CONTRACT NO. 76818
ILLINOIS FED. AID PROJECT				

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



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



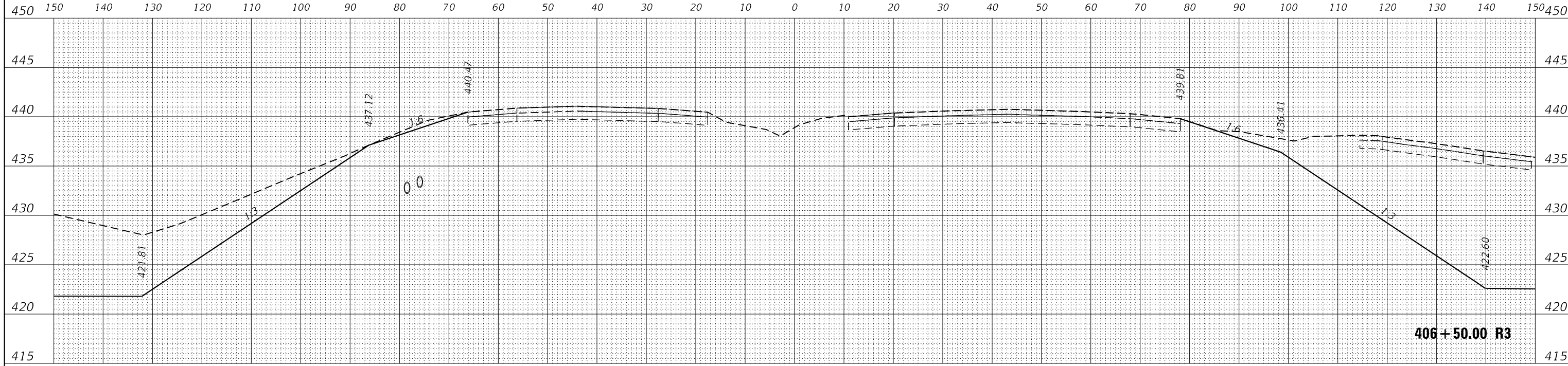
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USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 4/26/2024 (1:36:27 PM)	CHECKED - JMM	REVISED -
	DATE - MARCH 2024	REVISED -

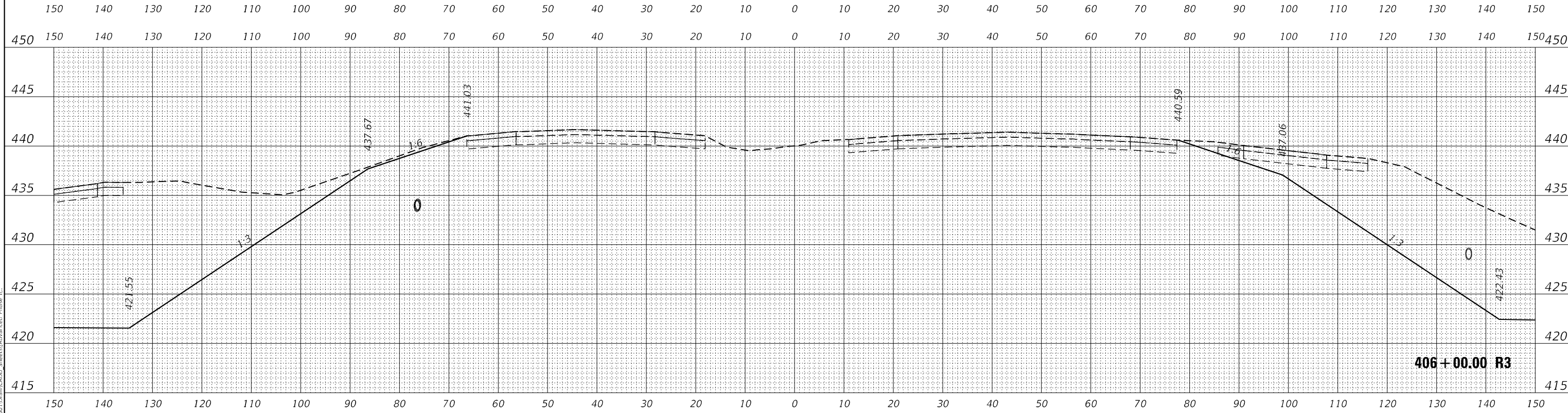
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 10'		CROSS SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		INTERIM IL 111 I-270		270	60-3K-1	MADISON	576	494
SHEET OF SHEETS		STA. 405+00.00 R3 TO STA. 405+50.00 R3		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76818		

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



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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A06000 R3.dwg

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:28 PM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
INTERIM IL 111 I-270**

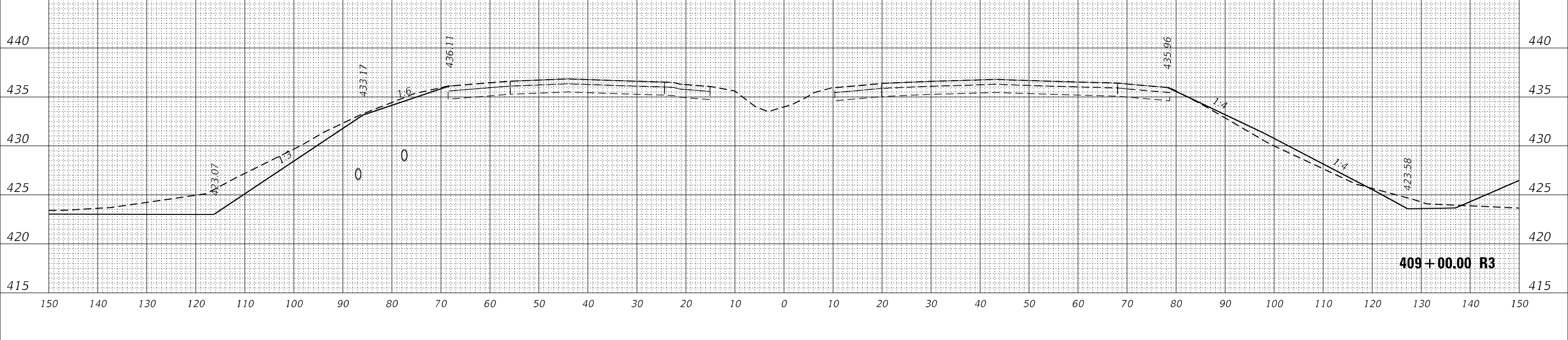
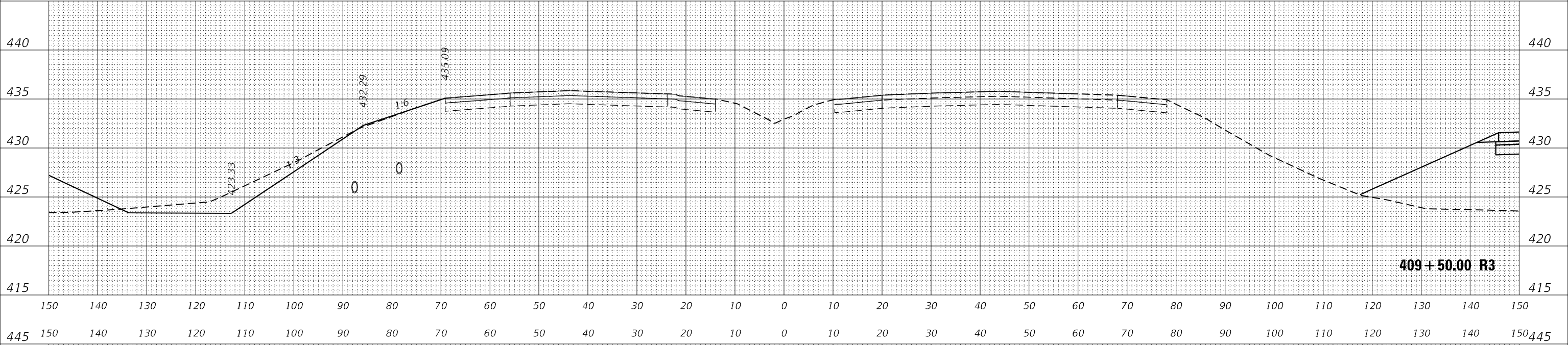
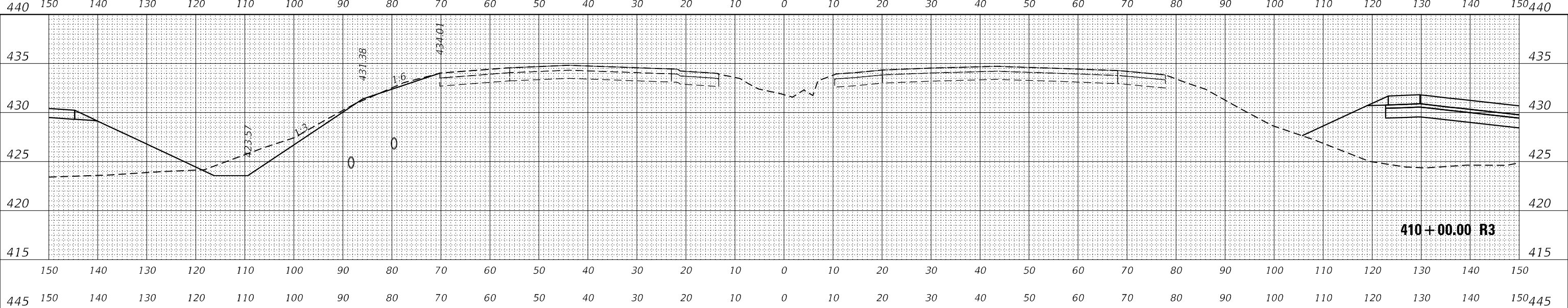
SCALE: 1" = 10' SHEET OF SHEETS STA. 406+00.00 R3 TO STA. 406+50.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	495
				CONTRACT NO. 76818
ILLINOIS FED. AID PROJECT				

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

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

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\arcee Phase II



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - MJO	REVISED -
PLOT DATE = 4/26/2024 (1:36:30 PM)	CHECKED - JMM	REVISED -
	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

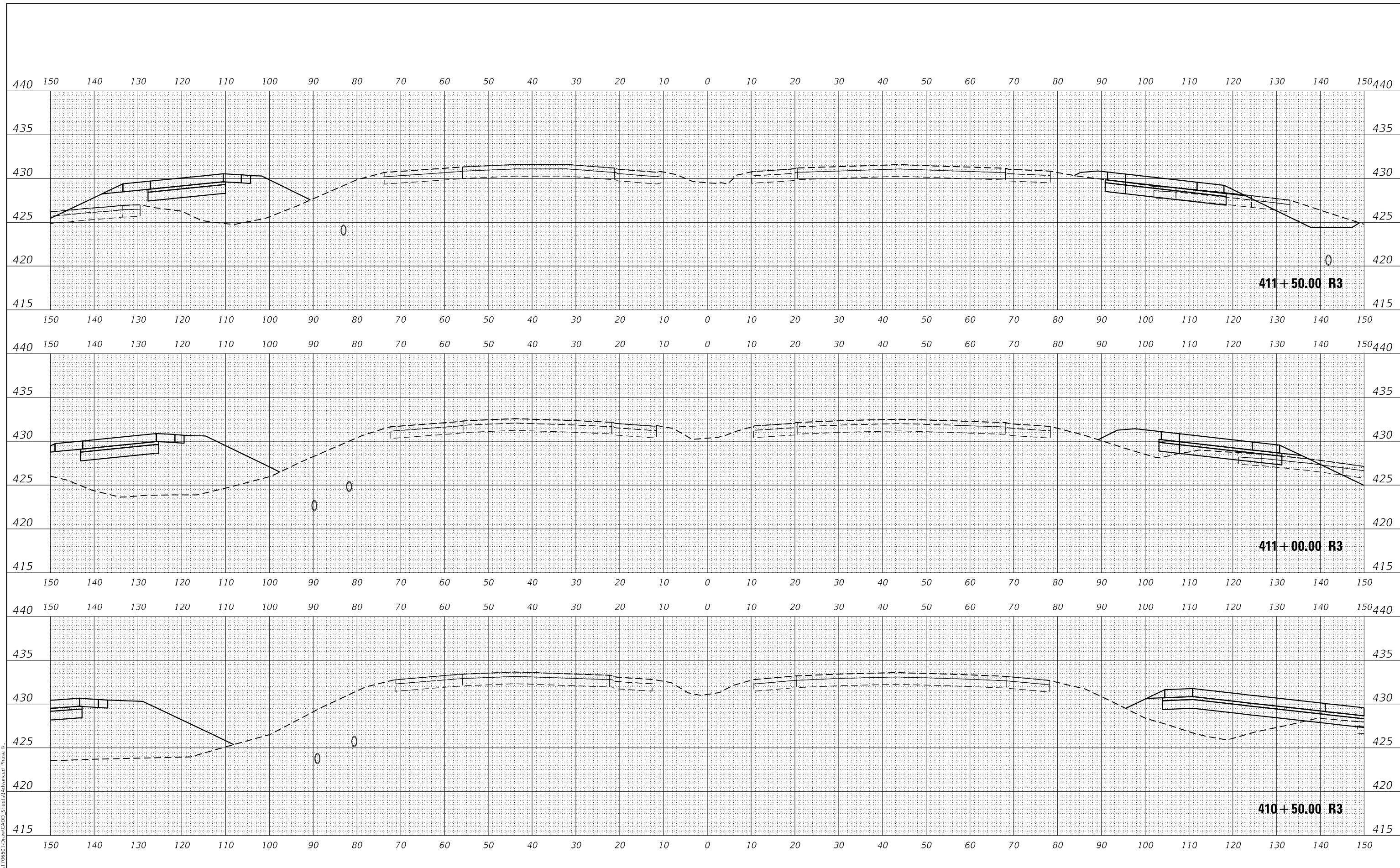
**CROSS SECTIONS
INTERIM IL 111 I-270**

SCALE: 1" = 10' SHEET OF SHEETS STA. 409+00.00 R3 TO STA. 410+00.00 R3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	498
				CONTRACT NO. 76818
ILLINOIS FED. AID PROJECT				

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

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



MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\Interim IL 111 I-270

USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:46 PM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

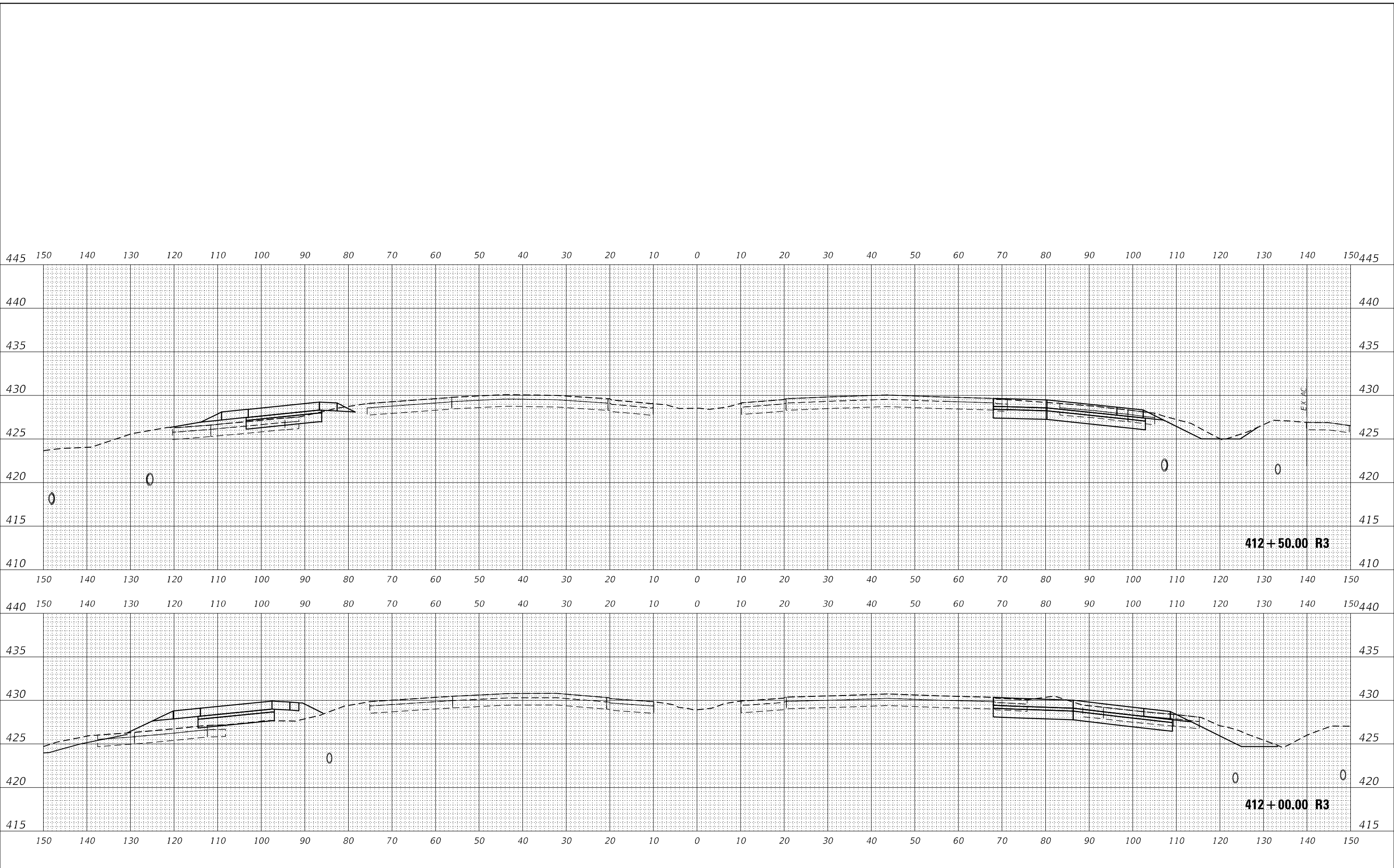
CROSS SECTIONS	
INTERIM IL 111 I-270	
SCALE: 1" = 10'	SHEET OF SHEETS
STA. 410+50.00 R3 TO STA. 411+50.00 R3	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	499
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				

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

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

MODEL 1770
FILE NAME: L:\DOT\170660\Draw\CADD_Sheets\A\A\Sheet 1.dwg



USER NAME = Matt Overbey	DESIGNED - MJO	REVISED -
	DRAWN - MJO	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED - JMM	REVISED -
PLOT DATE = 4/26/2024 (1:36:47 PM)	DATE - MARCH 2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 10'		SHEET	OF	SHEETS	STA. 412+00.00 R3 TO STA. 412+50.00 R3
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**CROSS SECTIONS
INTERIM IL 111 I-270**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-3K-1	MADISON	576	500
CONTRACT NO. 76818				
ILLINOIS FED. AID PROJECT				