

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE



2168 + 50.00

FINAL SUBMITTAL
MODEL SHEET 23
FILE NAME: p:\gis\svr\306.hanson.com\hanson_projects\1340100\Phase1\CAD\Road\Sheet\DMC\EB-ar-ssht_150_Ear.dwg



USER NAME =	shlpp01364
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/28/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	JMH
DATE -	6/15/2018

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 2168+50.00 TO STA. 2168+50.00

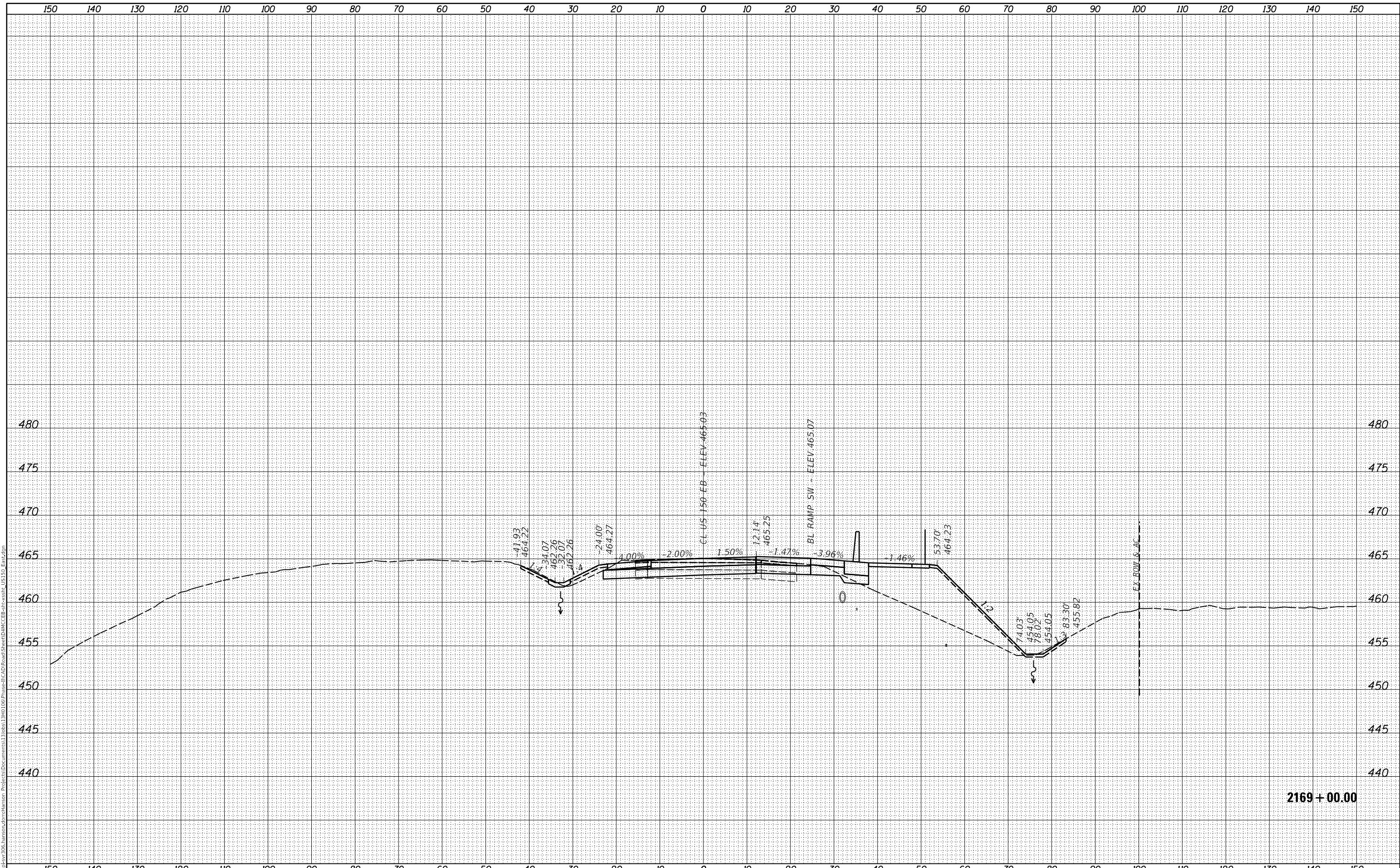
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	801
			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE

MODEL SHEET 24
 FILE NAME: p:\gis\svr-306\hanson.ctb\hanson\Projects\1340\100\Phase1\CAD\Road\Sheet\DMC\EB-ar-ssht_150_Ear.dwg



USER NAME = sh1pp01364
PLOT SCALE = 20.00' / in.
PLOT DATE = 11/28/2018

DESIGNED - JDS
DRAWN - JDS
CHECKED - JMH
DATE - 6/15/2018

REVISIED -
REVISIED -
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REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 US 150 EASTBOUND CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 2169+00.00 TO STA. 2169+00.00

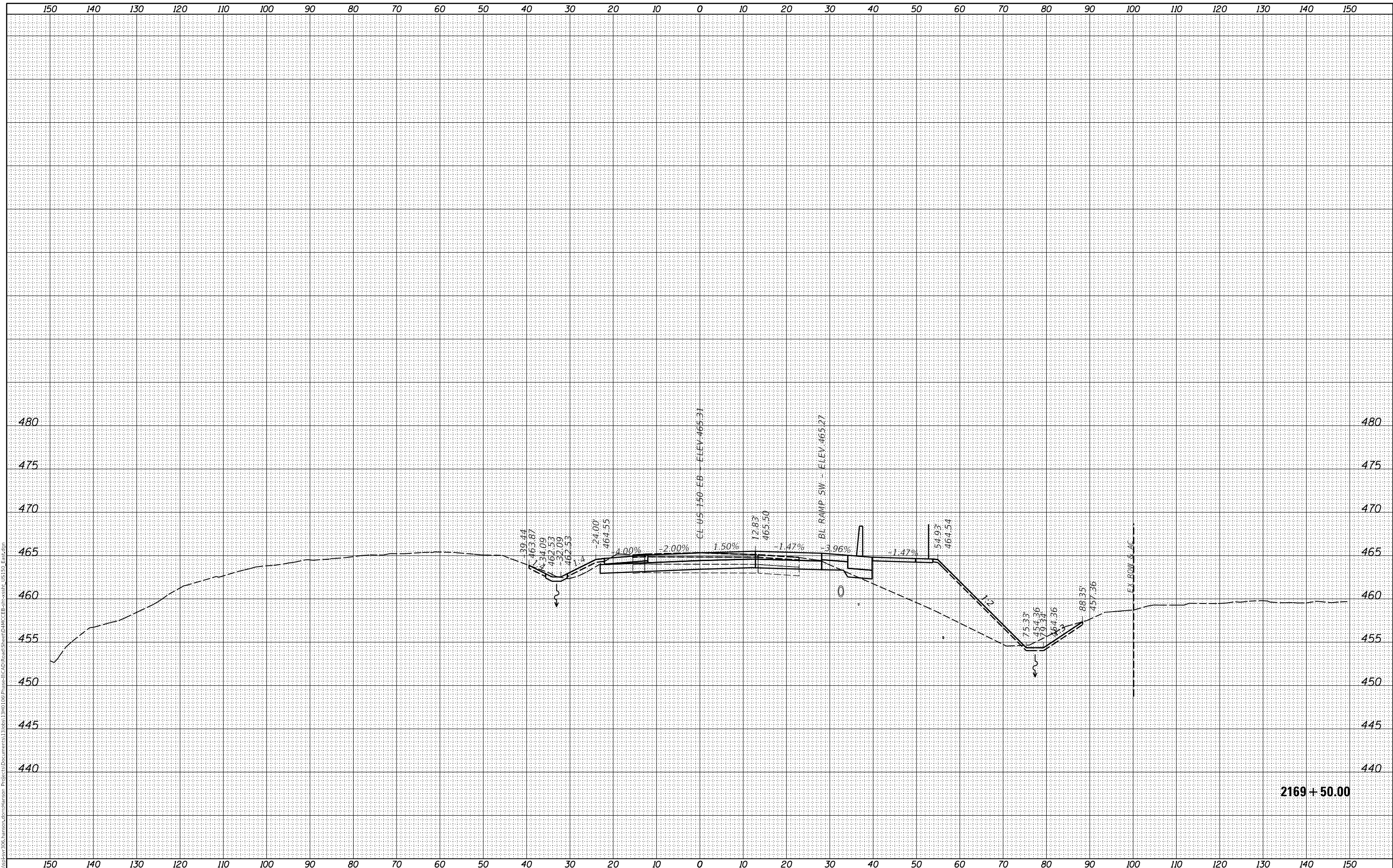
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	802
			CONTRACT NO. 68B46	
ILLINOIS FED. AID PROJECT				

2169 + 00.00

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

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

MODEL SHEET 25
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2169 + 50.00



USER NAME =	shlpp01364
PLOT SCALE =	20.00" / 1'
PLOT DATE =	11/28/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	JMH
DATE -	6/15/2018

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

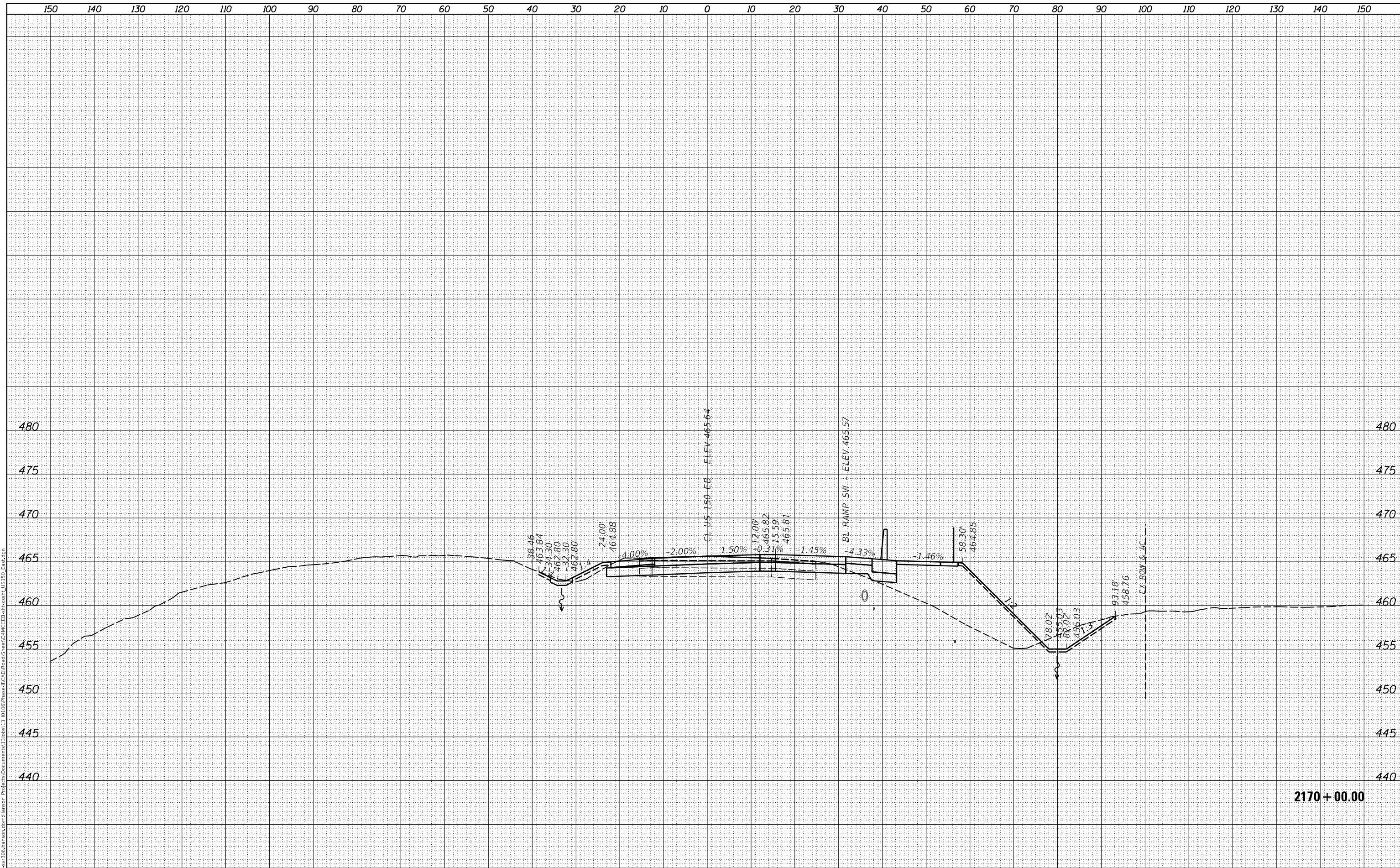
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 US 150 EASTBOUND CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 2169+50.00 TO STA. 2169+50.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	803
			CONTRACT NO. 68B46	
ILLINOIS			FED. AID PROJECT	

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

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



FINAL SUBMITTAL
MODEL SHEET 26
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USER NAME =	shlpp01364
DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	JMH
DATE -	6/15/2018

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

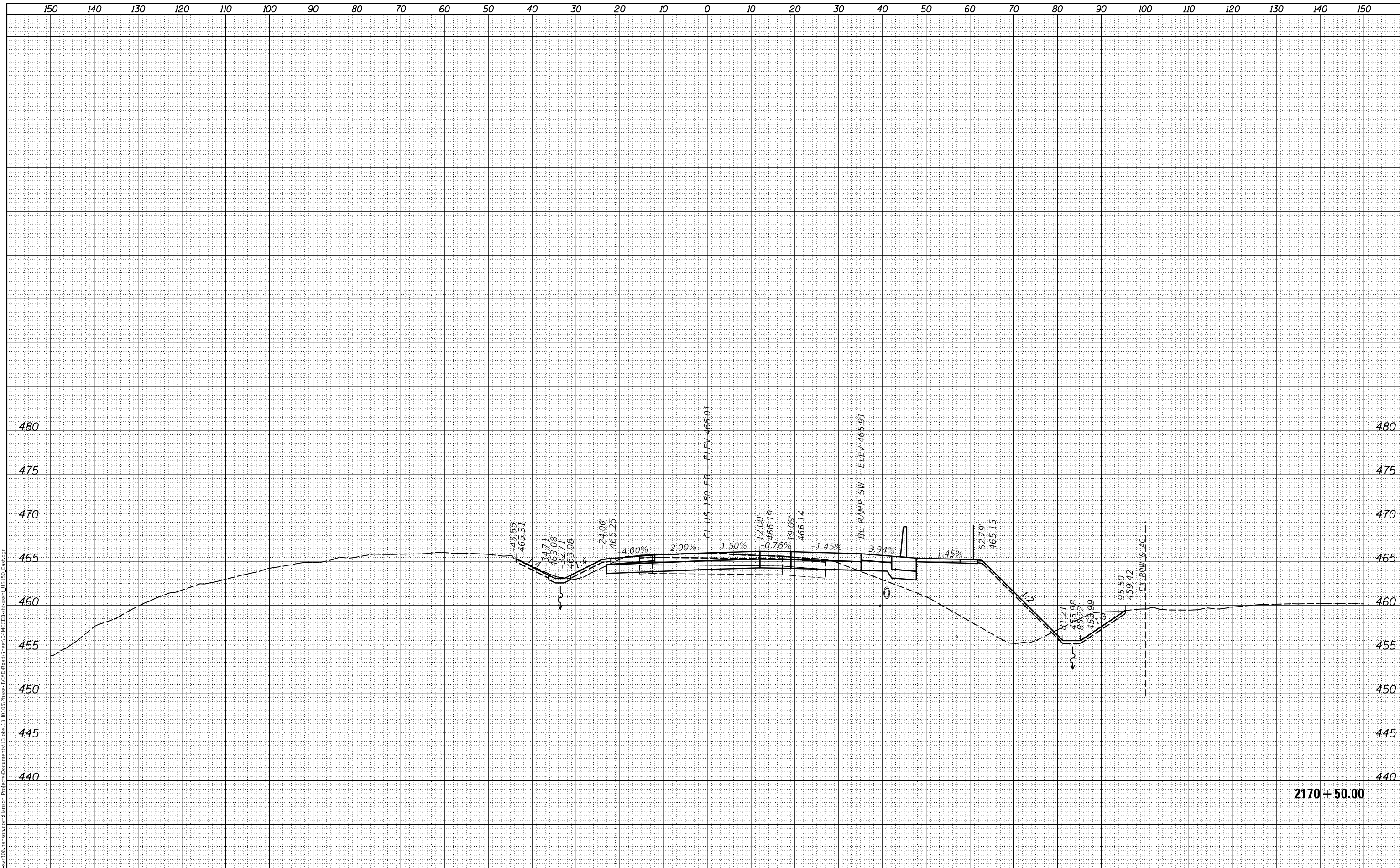
SCALE: SHEET OF SHEETS STA. 2170+00.00 TO STA. 2170+00.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	804
			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE



2170 + 50.00

FINAL SUBMITTAL
MODEL SHEET 27
FILE NAME: p:\gis\svr\306.hanson.com\hanson_projects\13801061\Phase1\CAD\Road\Sheet\DMC\EB-ar-ssstn_US150_East.dwg



USER NAME = sh1pp01364
PLOT SCALE = 20.00' / in.
PLOT DATE = 11/28/2018

DESIGNED - JDS
DRAWN - JDS
CHECKED - JMH
DATE - 6/15/2018

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

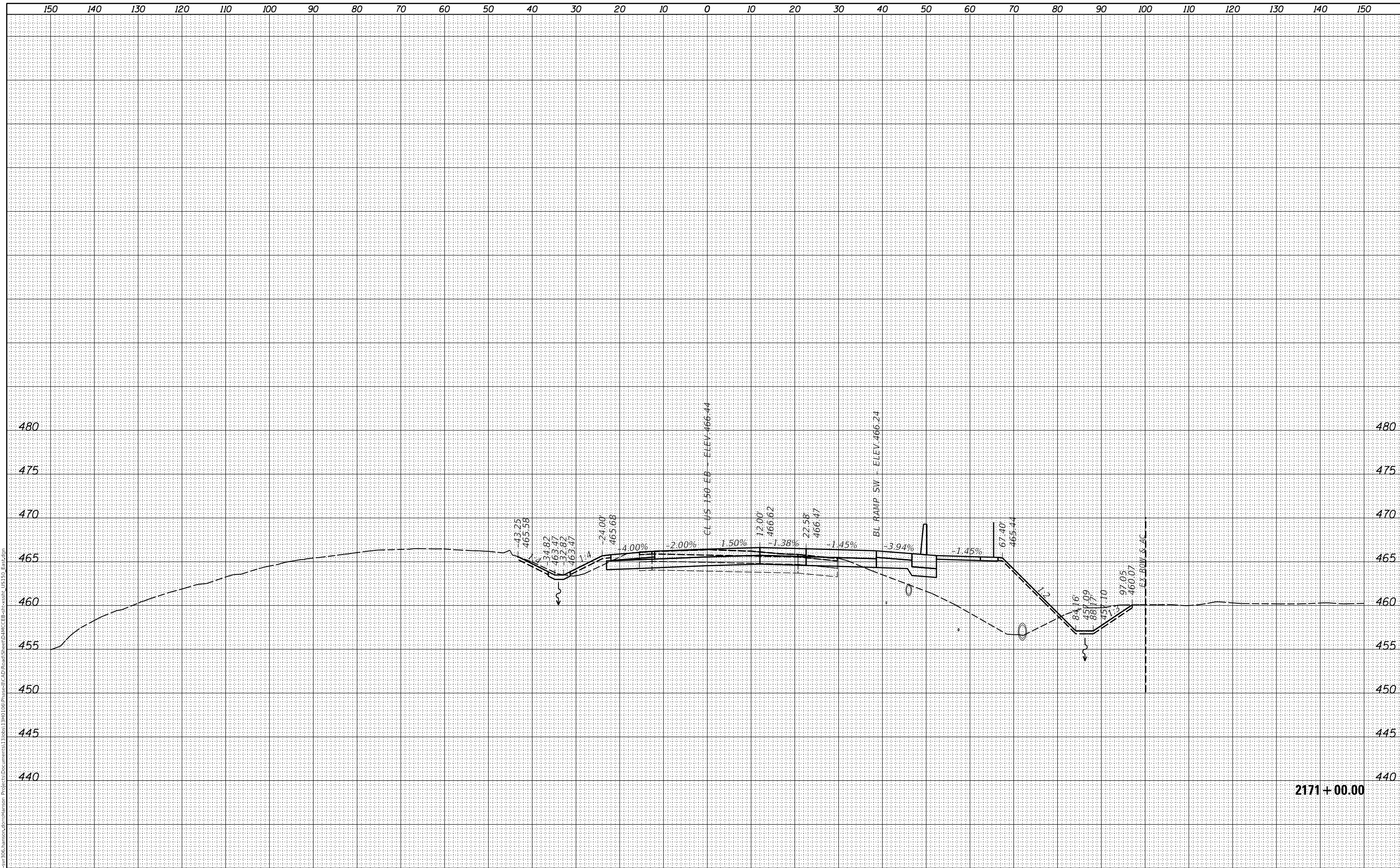
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RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE



2171 + 00.00

FINAL SUBMITTAL
MODEL SHEET 28
FILE NAME: p:\gis\svr\306\hanson\dm\hanson\Project\Documents\1308813\RD100\Phase1\CAD\Road\Sheet\DMC\EB-ac-rssta_US150_East.dwg



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PLOT SCALE = 20.00' / in.
PLOT DATE = 11/28/2018

DESIGNED - JDS
DRAWN - JDS
CHECKED - JMH
DATE - 6/15/2018

REVISED -
REVISED -
REVISED -
REVISED -

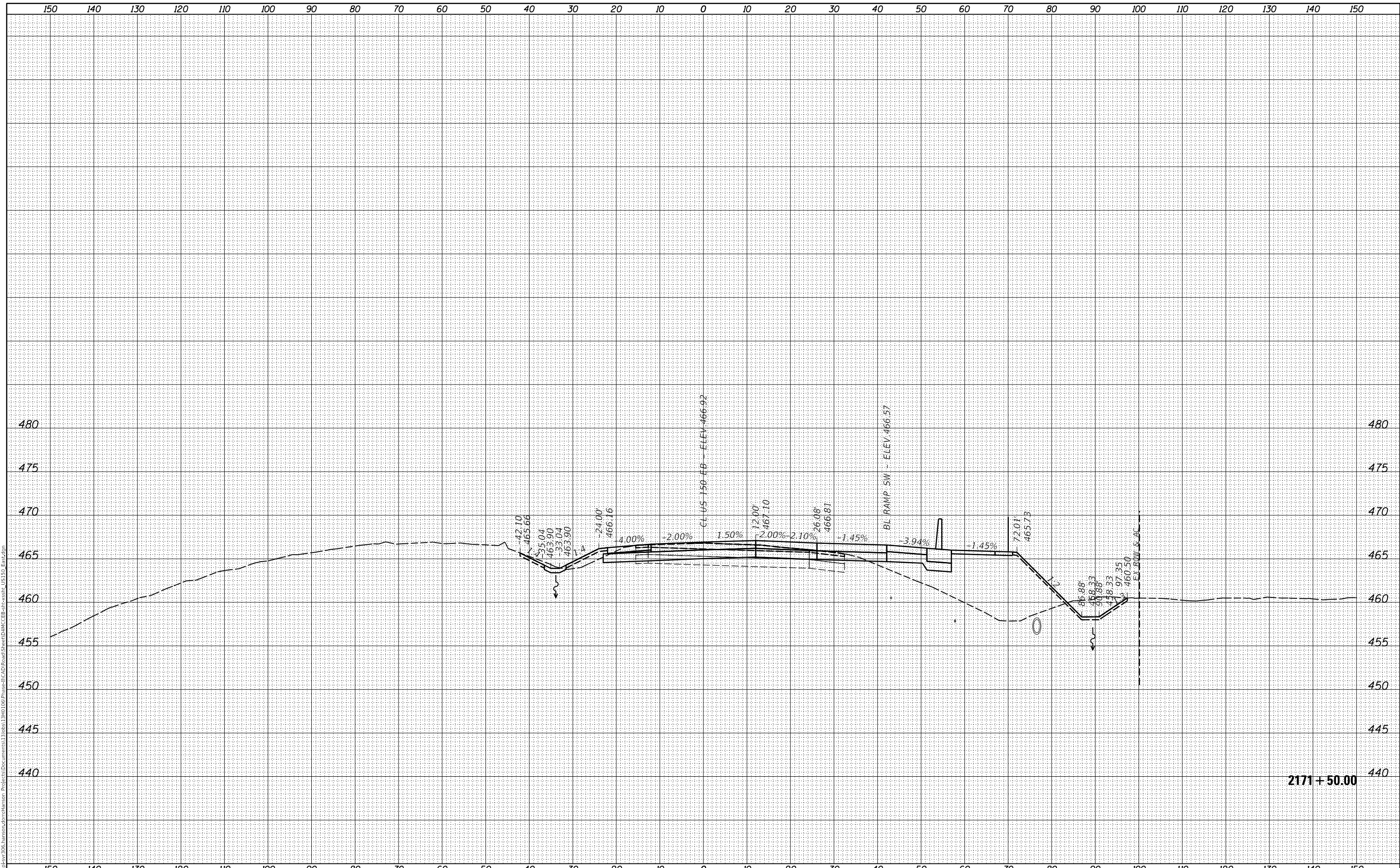
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS
SCALE: SHEET OF SHEETS STA. 2171+00.00 TO STA. 2171+00.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B(102-1),(14HB)]BR	TAZEWELL	1361	806
			CONTRACT NO. 68B46	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE



FINAL SUBMITTAL
MODEL SHEET 29
FILE NAME: p:\gis\svr\306.hanson.com\hanson_projects\13801\06\Phase1\CAD\Road\Sheet\DMC\EB-acc\ssr_US150_East.dwg



USER NAME = sh1pp01364
PLOT SCALE = 20.00' / in.
PLOT DATE = 11/28/2018

DESIGNED - JDS
DRAWN - JDS
CHECKED - JMH
DATE - 6/15/2018

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 2171+50.00 TO STA. 2171+50.00

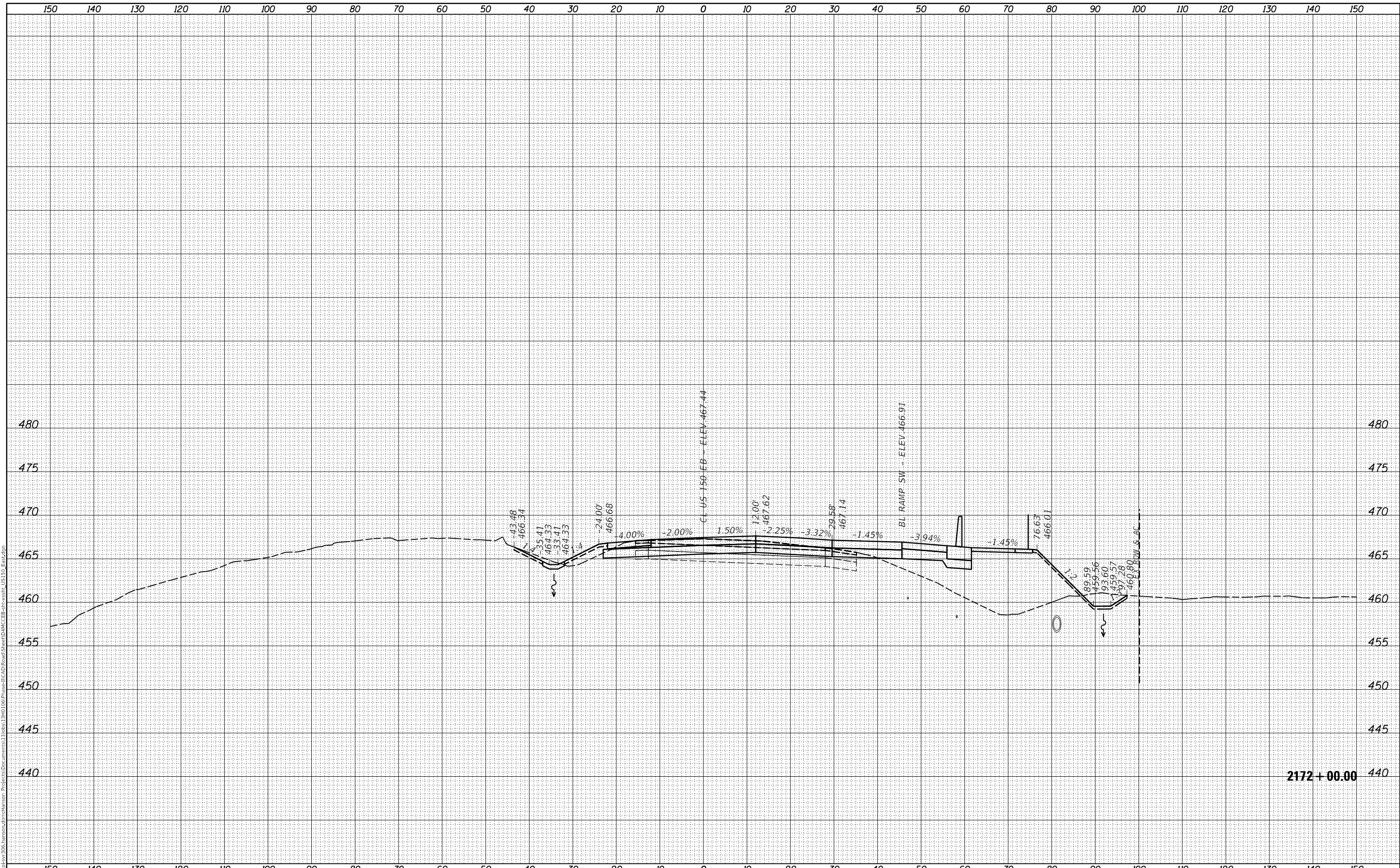
RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	807
			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS	PLOTTED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	PLOTTED AREAS	DATE

MODEL SHEET 30
 FILE NAME: p:\gis\svr\306.hanson.com\hanson_projects\1340100\Phase1\CAD\Road\Sheet\DMC\EB-ar-ssht_150_East.dwg



2172+00.00



USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/28/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - JMH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 US 150 EASTBOUND CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 2172+00.00 TO STA. 2172+00.00

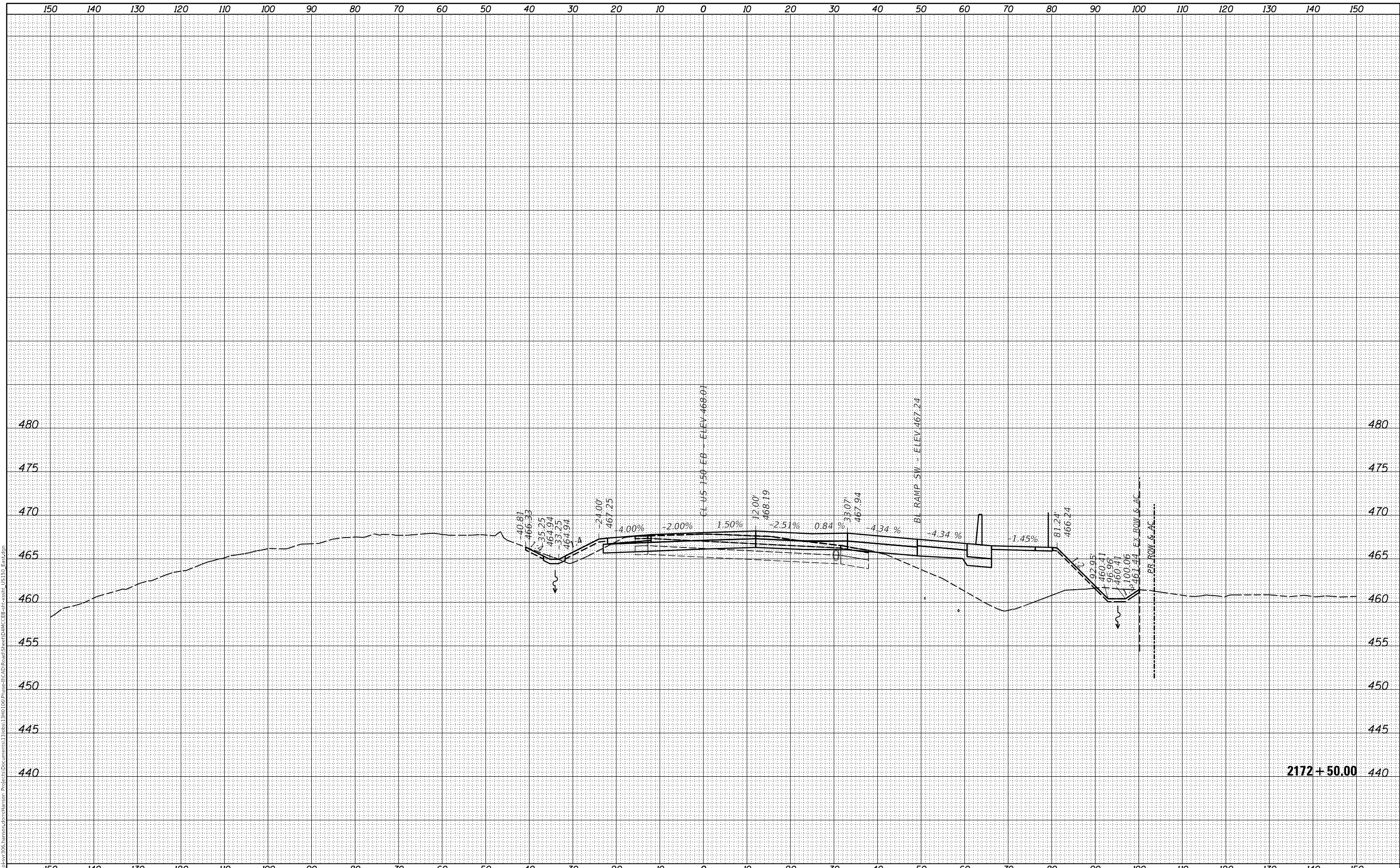
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B(102-1),(14HB)]BR	TAZEWELL	1361	808
			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE

FILE NAME: p:\gis\svr-306\hanson\dm\hanson\Project\Documents\1308813\RD106\Phase1\CAD\Road\Sheet\DMC\EB-ar-ssht_150_Ear.dwg



FINAL SUBMITTAL
MODEL SHEET 31



USER NAME =	shlpp01364
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/28/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	JMH
DATE -	6/15/2018

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

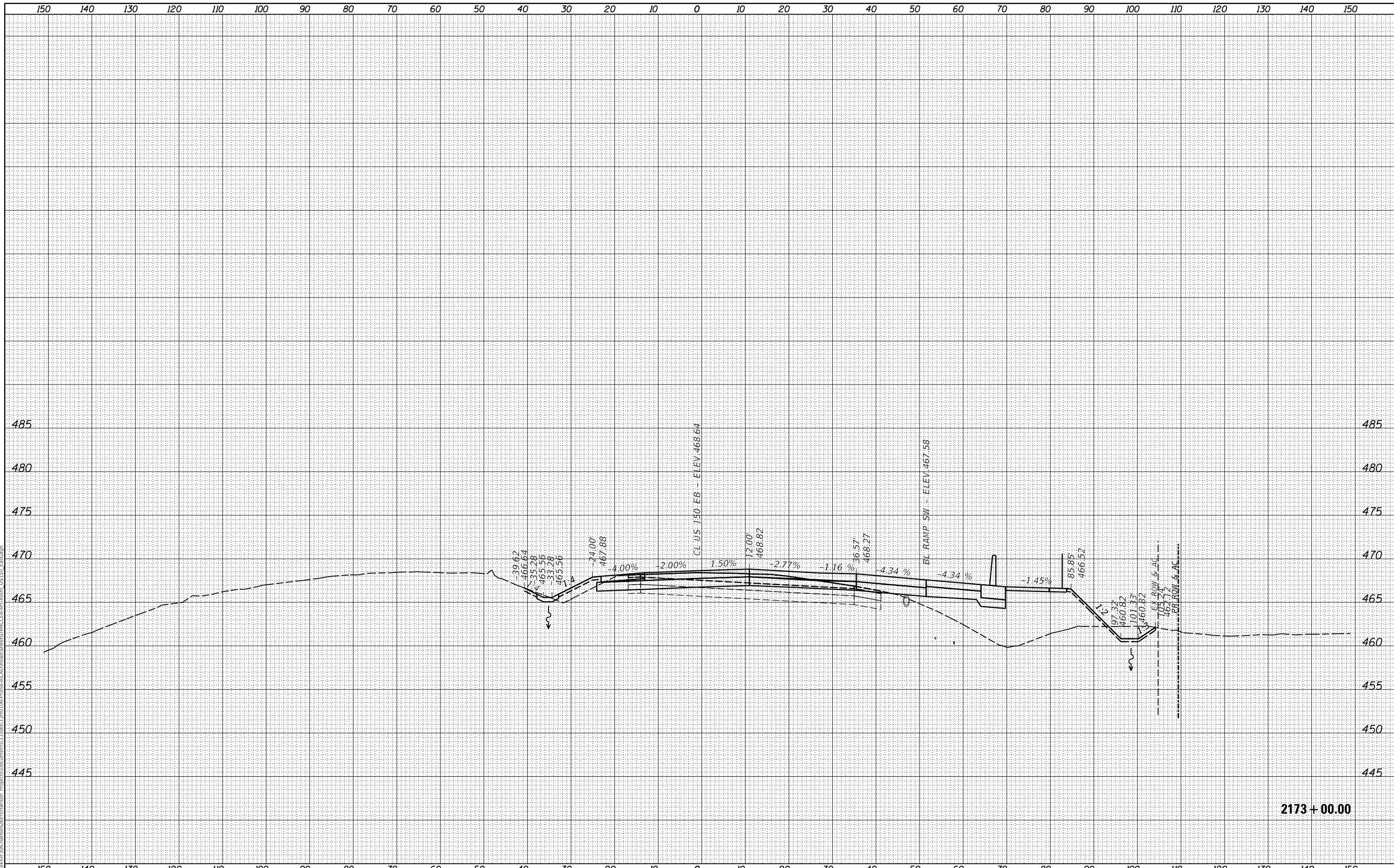
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 2172+50.00 TO STA. 2172+50.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	809
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT	

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

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



2173 + 00.00

FINAL SUBMITTAL
MODEL: S:\m2173

FILE NAME: P:\projects\306_hanson\dm\hanson_projects\2173\110106\Physical\CAD\Road\Sheet\DWG\CCEB-2173-110106.dwg



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PLOT SCALE = 20,00' / 1in.	DRAWN - JDS	REVISED -
PLOT DATE = 11/28/2018	CHECKED - JMH	REVISED -
	DATE - 6/15/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

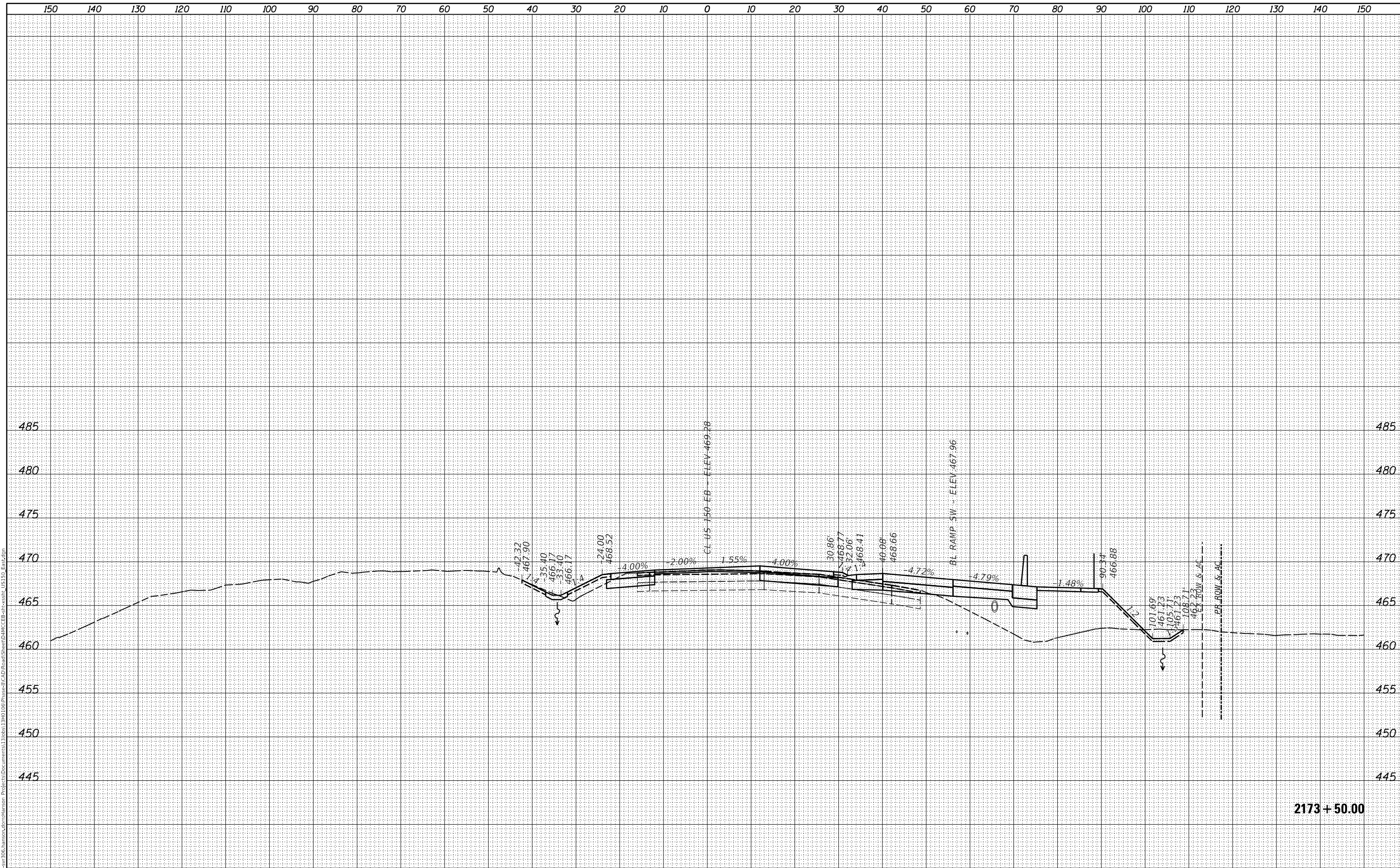
US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS
SCALE: SHEET OF SHEETS STA.2173+00.00 TO STA.2173+00.00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1),(14HB)]BR	TAZEWELL	1361	810
			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE



2173 + 50.00

FINAL SUBMITTAL
MODEL SHEET 33
FILE NAME: p:\gis\svr\306.hanson.com\hanson_projects\1340100\Phase1\CAD\Road\Sheet\DMC\EB-ar-ssstn_US150_Ear.dwg



USER NAME =	shlpp01364
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/28/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	JMH
DATE -	6/15/2018

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

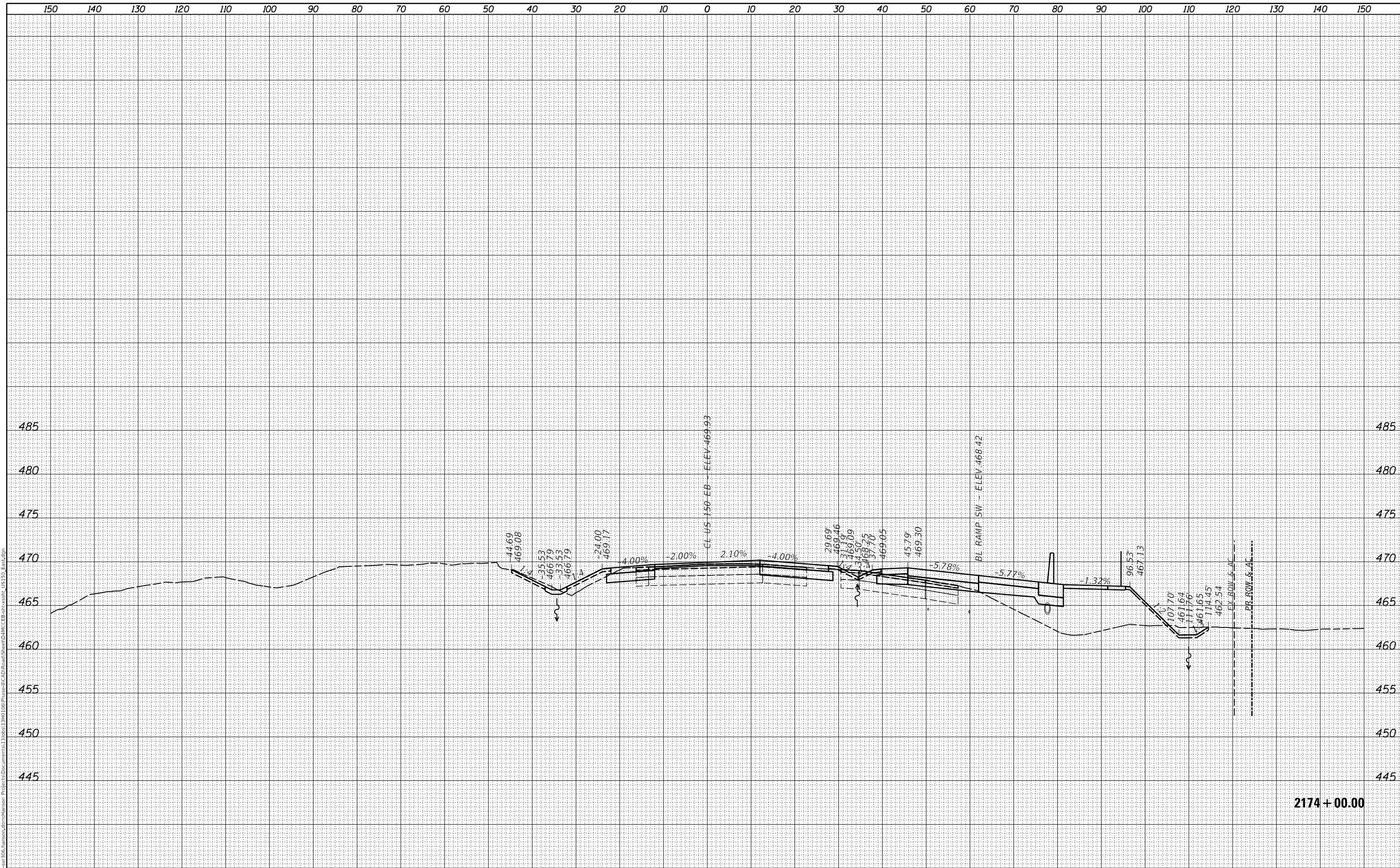
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS
SCALE: SHEET OF SHEETS STA. 2173+50.00 TO STA. 2173+50.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	811
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT	

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FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE



FINAL SUBMITTAL
MODEL SHEET 31
FILE NAME: p:\projects\306.hanson.com\hanson_projects\1340100\Phase1\CAD\Road\Sheet\DMC\EB-cr-ssstl_US150_East.dwg



USER NAME = sh1pp01364
PLOT SCALE = 20.00' / in.
PLOT DATE = 11/28/2018

DESIGNED - JDS
DRAWN - JDS
CHECKED - JMH
DATE - 6/15/2018

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

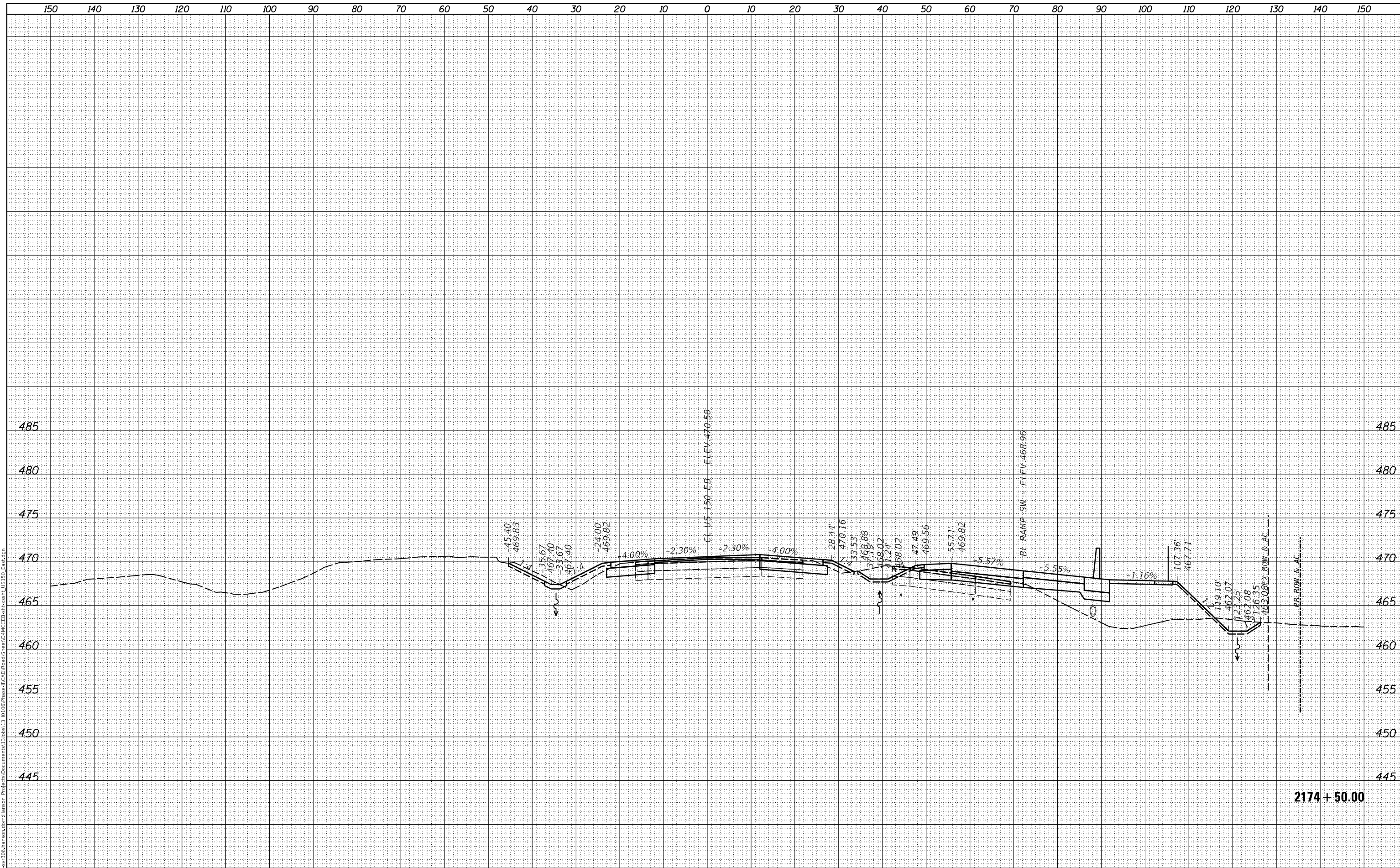
SCALE: SHEET OF SHEETS STA. 2174+00.00 TO STA. 2174+00.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	812
			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE



2174 + 50.00

FINAL SUBMITTAL
MODEL SHEET 35
FILE NAME: p:\gis\svr-306\hanson\dm\hanson\Project\Documents\1308813\RD100\Phase1\CAD\Road\Sheet\DMC\EB-ar-cs35-US-150-Ext.dwg



USER NAME =	shlpp01364
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/28/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	JMH
DATE -	6/15/2018

REVISED -	
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REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

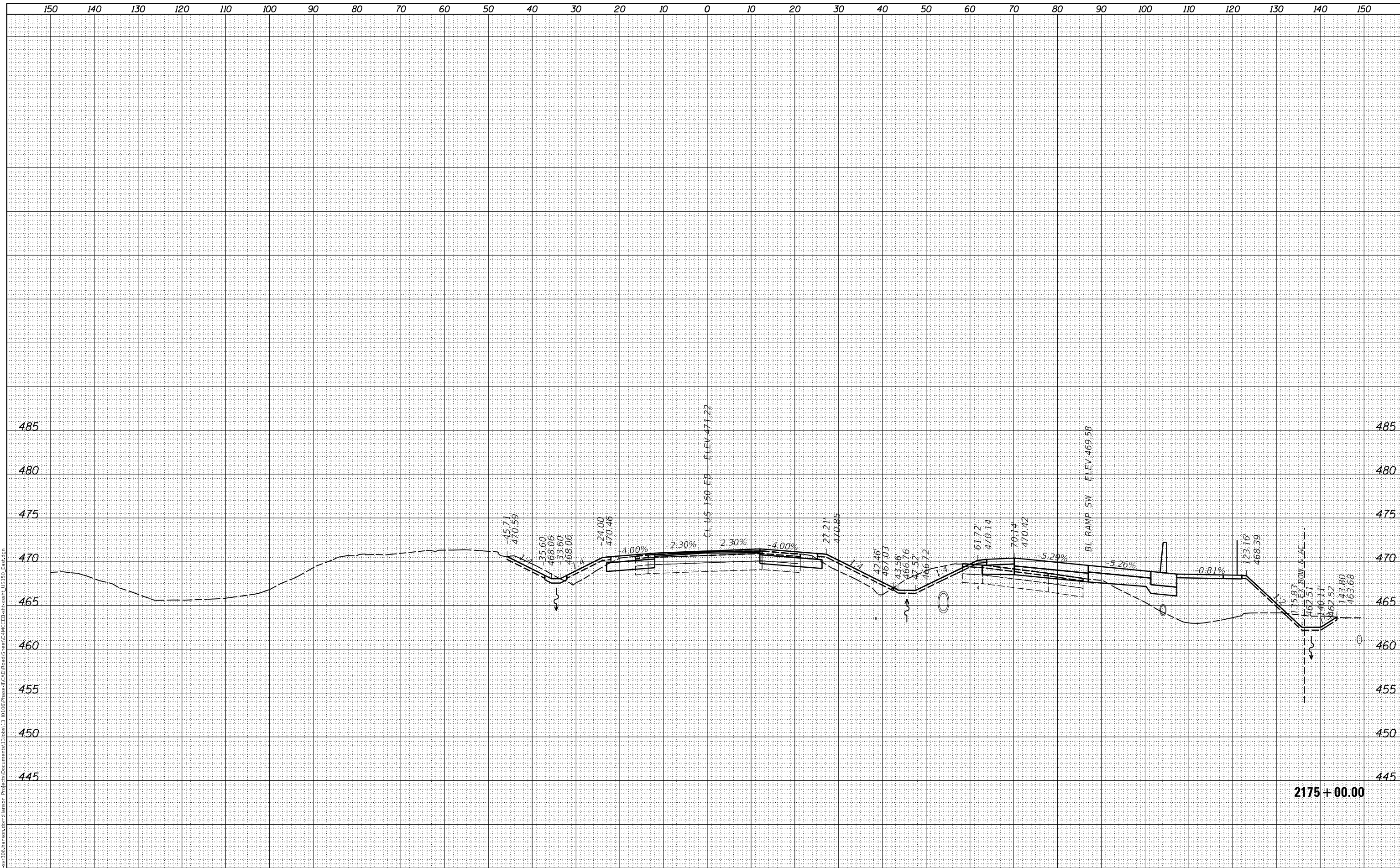
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 2174+50.00 TO STA. 2174+50.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	813
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE



FINAL SUBMITTAL
MODEL SHEET 36
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USER NAME = sh1pp01364
PLOT SCALE = 20.00' / in.
PLOT DATE = 11/28/2018

DESIGNED - JDS
DRAWN - JDS
CHECKED - JMH
DATE - 6/15/2018

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

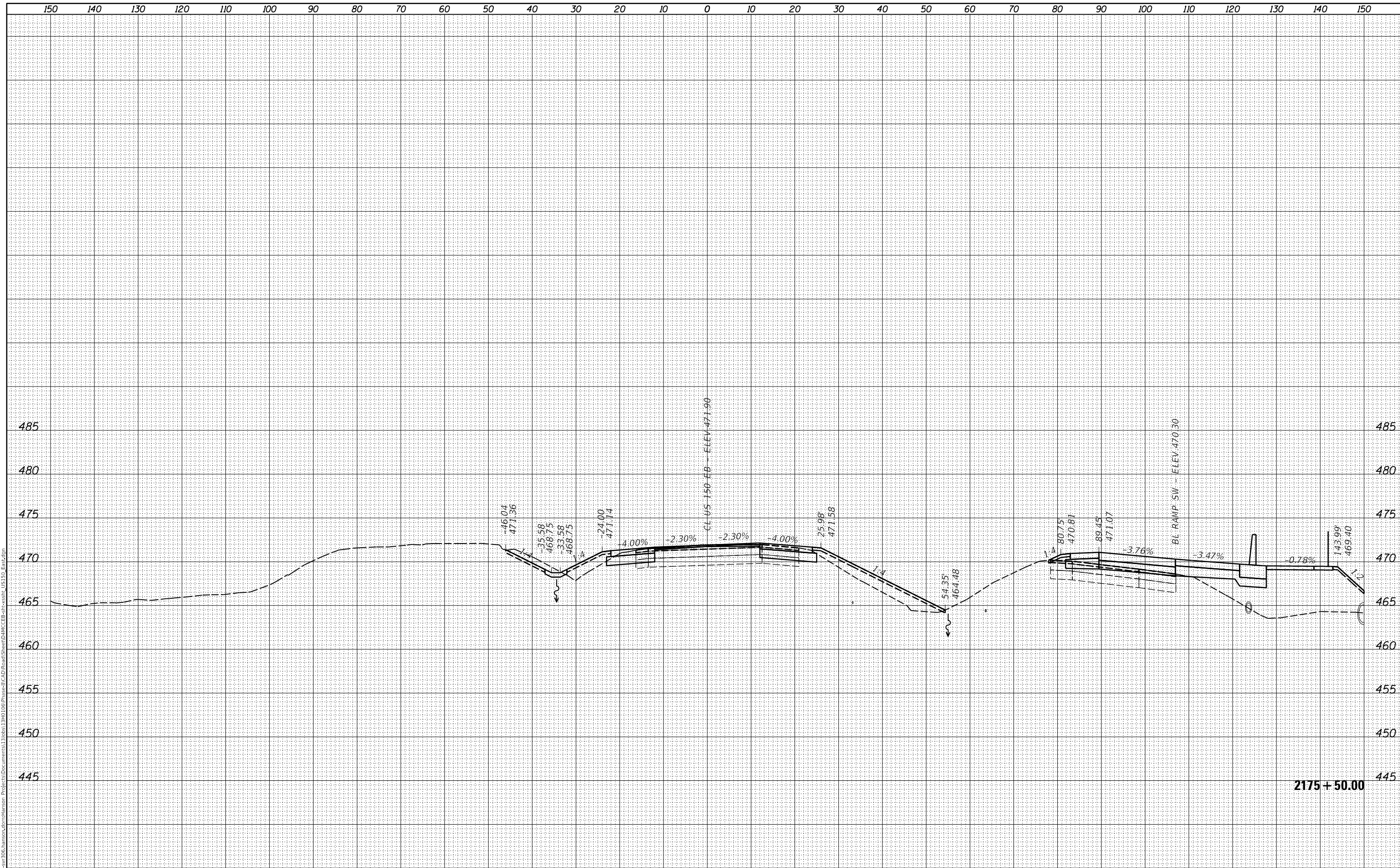
SCALE: SHEET OF SHEETS STA. 2175+00.00 TO STA. 2175+00.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	814
			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE



2175 + 50.00

FINAL SUBMITTAL
MODEL SHEET 37
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USER NAME =	shlpp01364
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/28/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	JMH
DATE -	6/15/2018

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

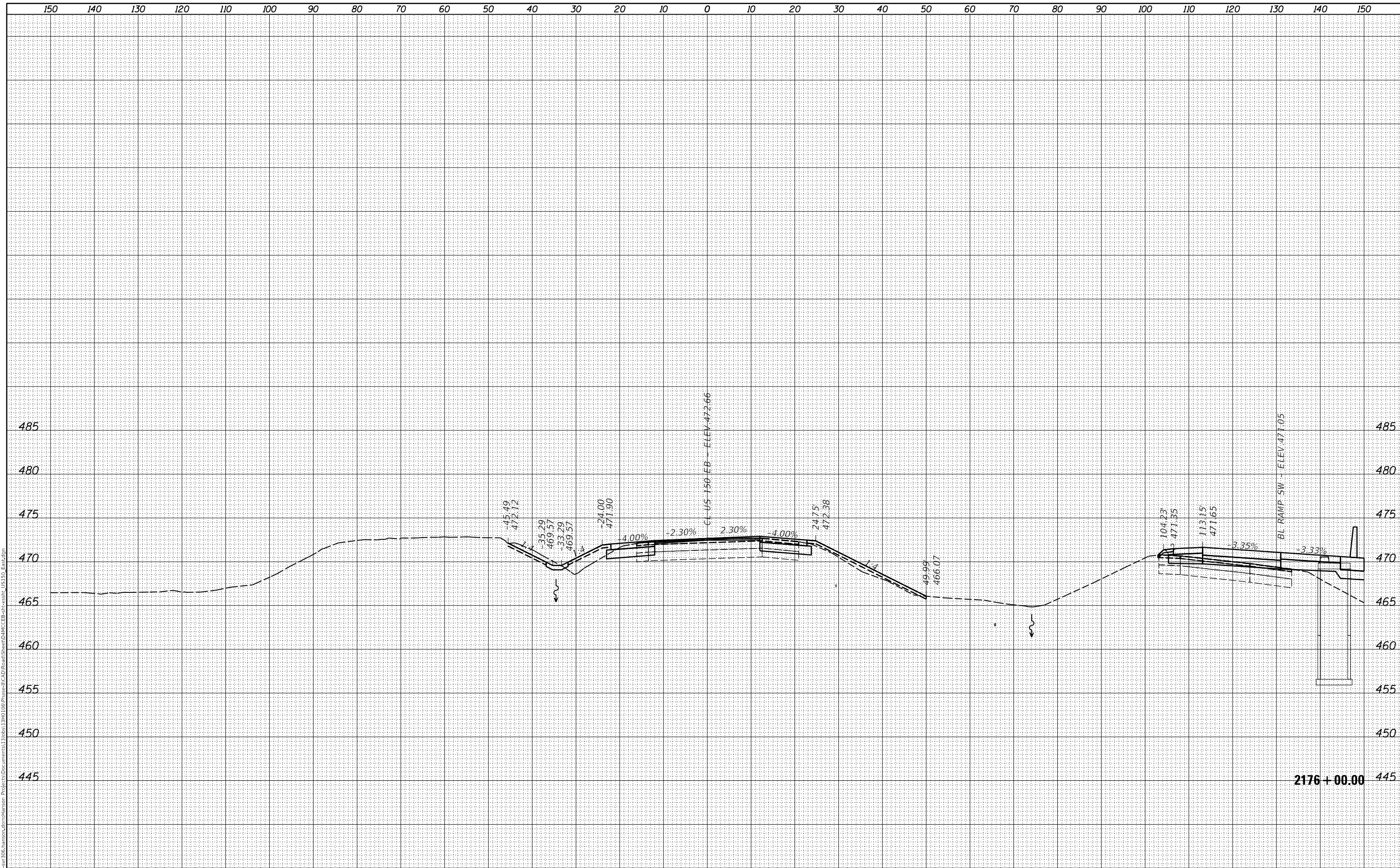
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS
SCALE: SHEET OF SHEETS STA. 2175+50.00 TO STA. 2175+50.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	815
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT	

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FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE



FINAL SUBMITTAL
MODEL SHEET 38
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USER NAME =	shlpp01364
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/28/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	JMH
DATE -	6/15/2018

REVISED -	
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REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

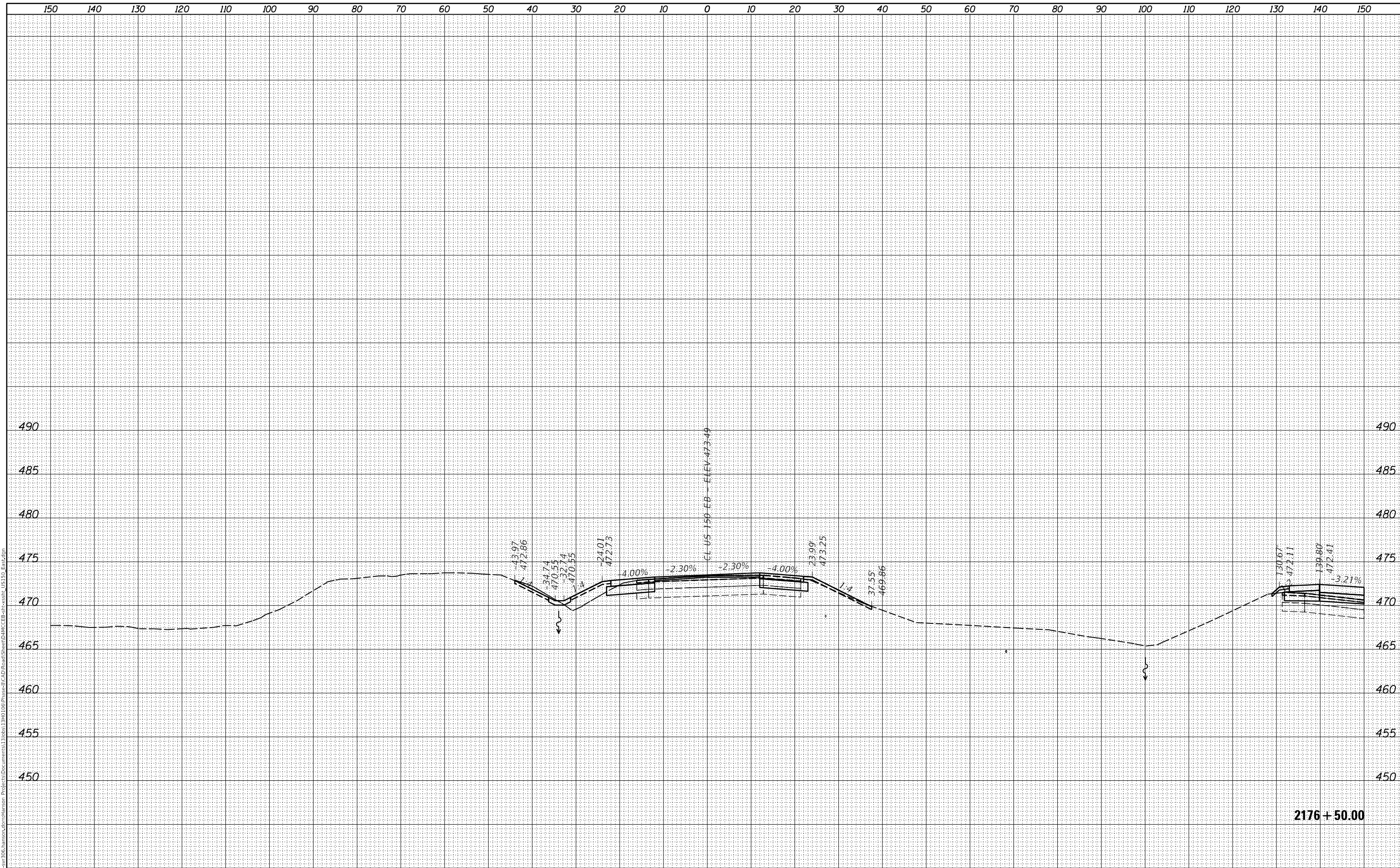
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 2176+00.00 TO STA. 2176+00.00

RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	816
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE



FINAL SUBMITTAL
MODEL SHEET 39
FILE NAME: p:\gis\svr\306.hanson.com\hanson_projects\1340100\Phase1\CAD\Road\Sheet\DMC\EB-cr-ssht_150_Ext.dwg



USER NAME = shlp01364
PLOT SCALE = 20.00' / in.
PLOT DATE = 11/28/2018

DESIGNED - JDS
DRAWN - JDS
CHECKED - JMH
DATE - 6/15/2018

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

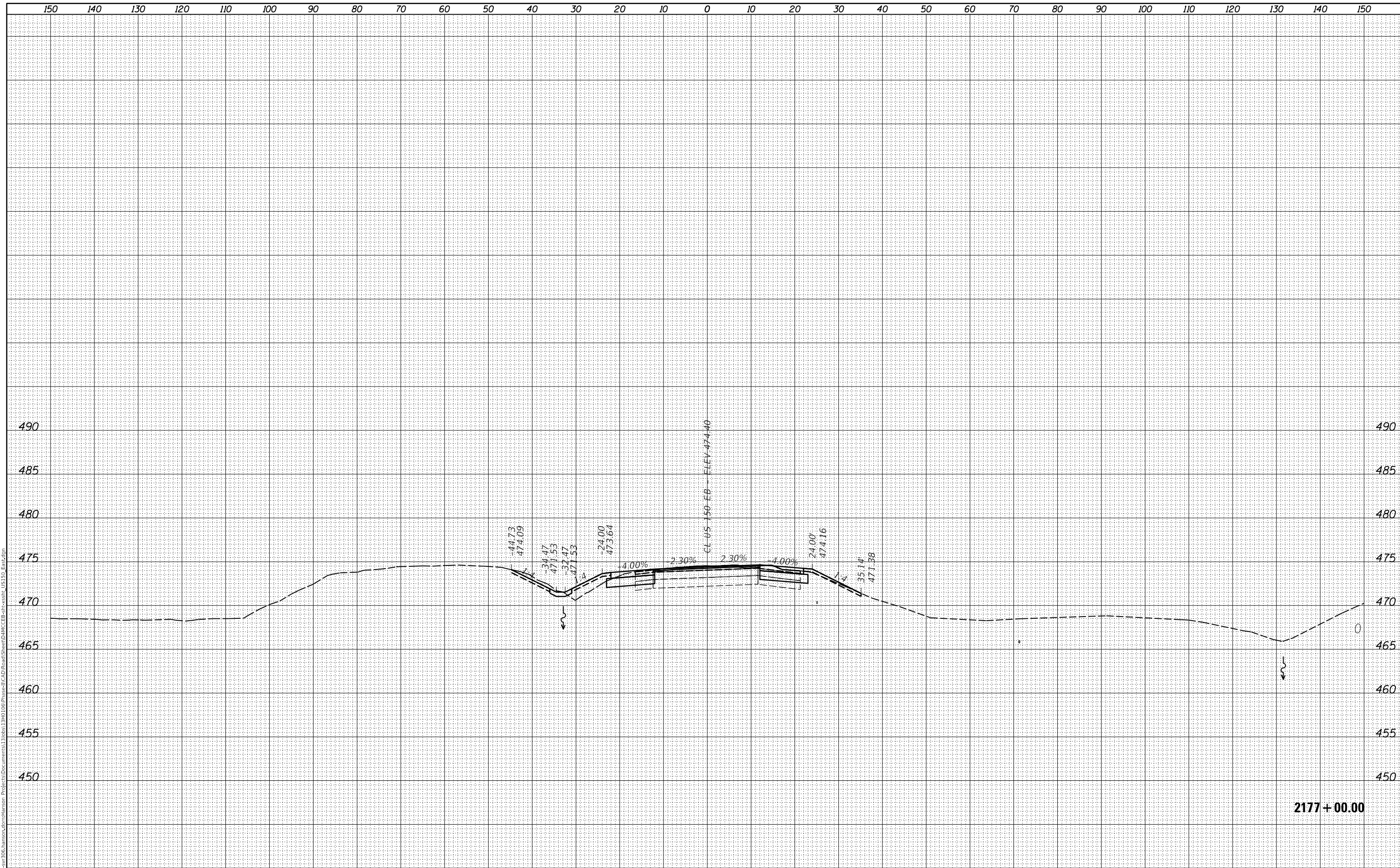
SCALE: SHEET OF SHEETS STA. 2176+50.00 TO STA. 2176+50.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	817
			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE



FINAL SUBMITTAL
MODEL SHEET 40
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USER NAME = shlpp01364
PLOT SCALE = 20.00' / in.
PLOT DATE = 11/28/2018

DESIGNED - JDS
DRAWN - JDS
CHECKED - JMH
DATE - 6/15/2018

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

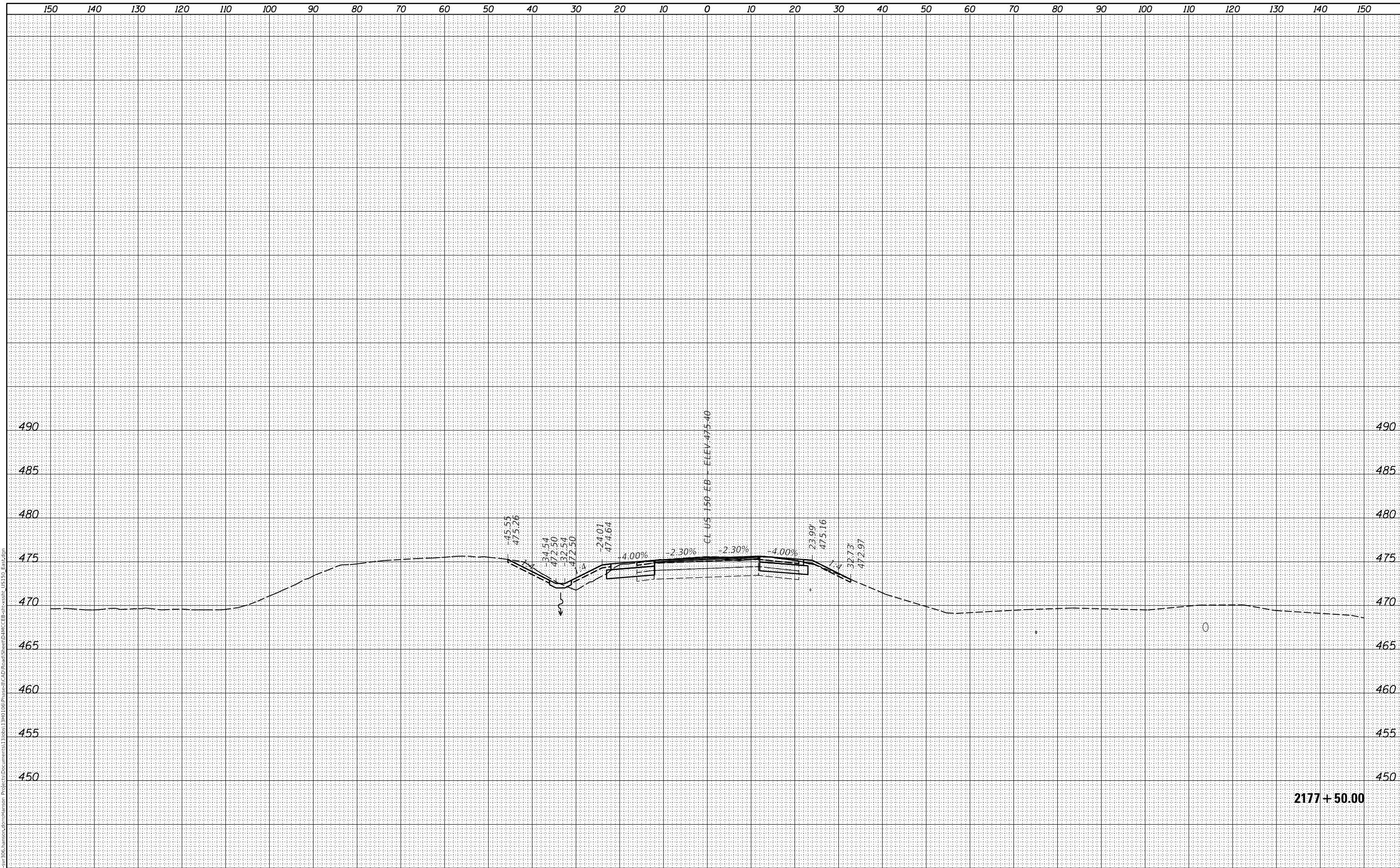
SCALE: SHEET OF SHEETS STA. 2177+00.00 TO STA. 2177+00.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	818
			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

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

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



FINAL SUBMITTAL
MODEL SHEET 41
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USER NAME =	shlpp01364
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/28/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	JMH
DATE -	6/15/2018

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

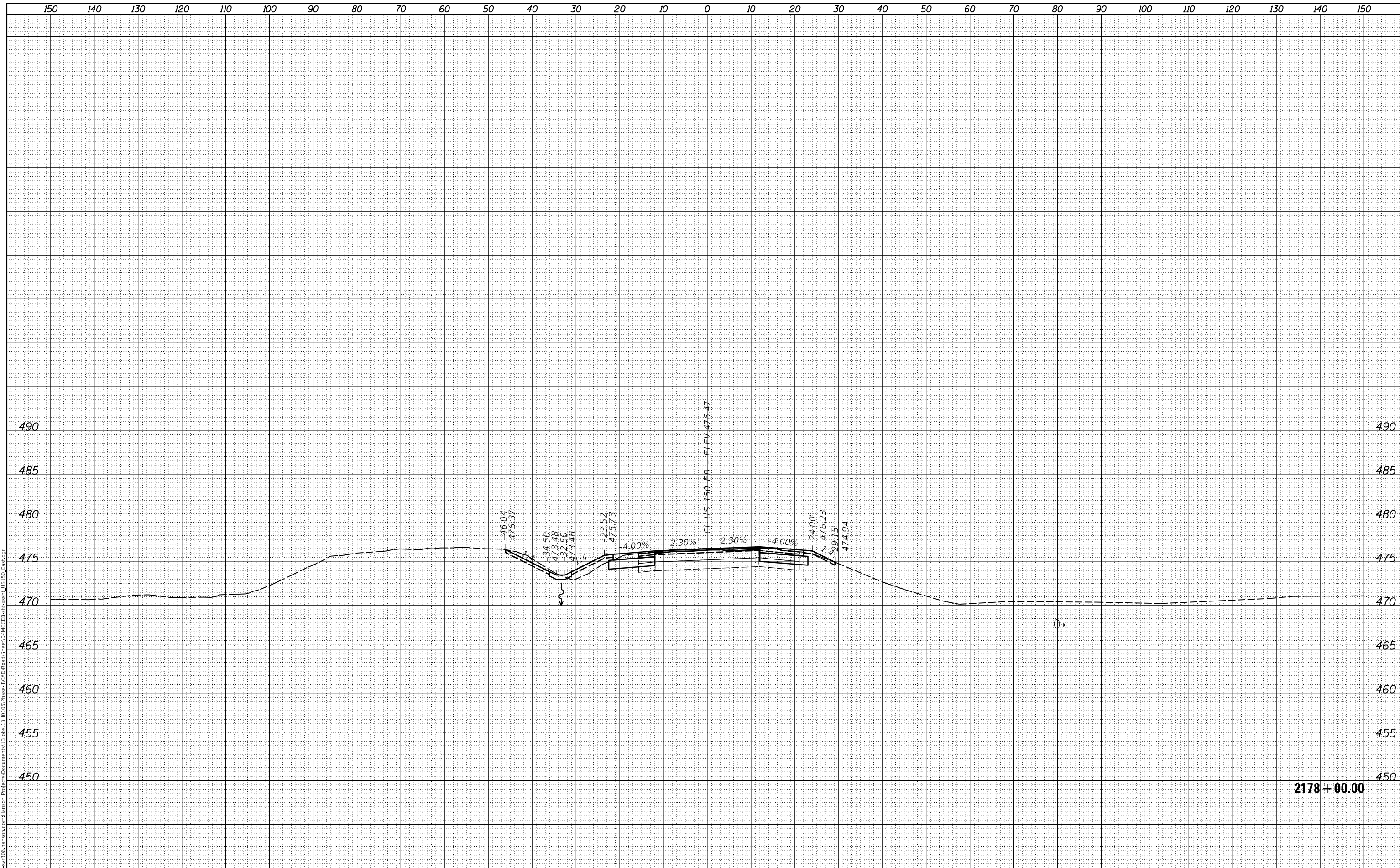
SCALE: SHEET OF SHEETS STA. 2177+50.00 TO STA. 2177+50.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B(102-1),(14HB)]BR	TAZEWELL	1361	819
			CONTRACT NO. 68B46	

ILLINOIS FED. AID PROJECT

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

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



2178 + 00.00

FINAL SUBMITTAL
MODEL SHEET 42
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USER NAME = shlp01364
PLOT SCALE = 20.00' / in.
PLOT DATE = 11/28/2018

DESIGNED - JDS
DRAWN - JDS
CHECKED - JMH
DATE - 6/15/2018

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 2178+00.00 TO STA. 2178+00.00

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	820
			CONTRACT NO. 68B46	

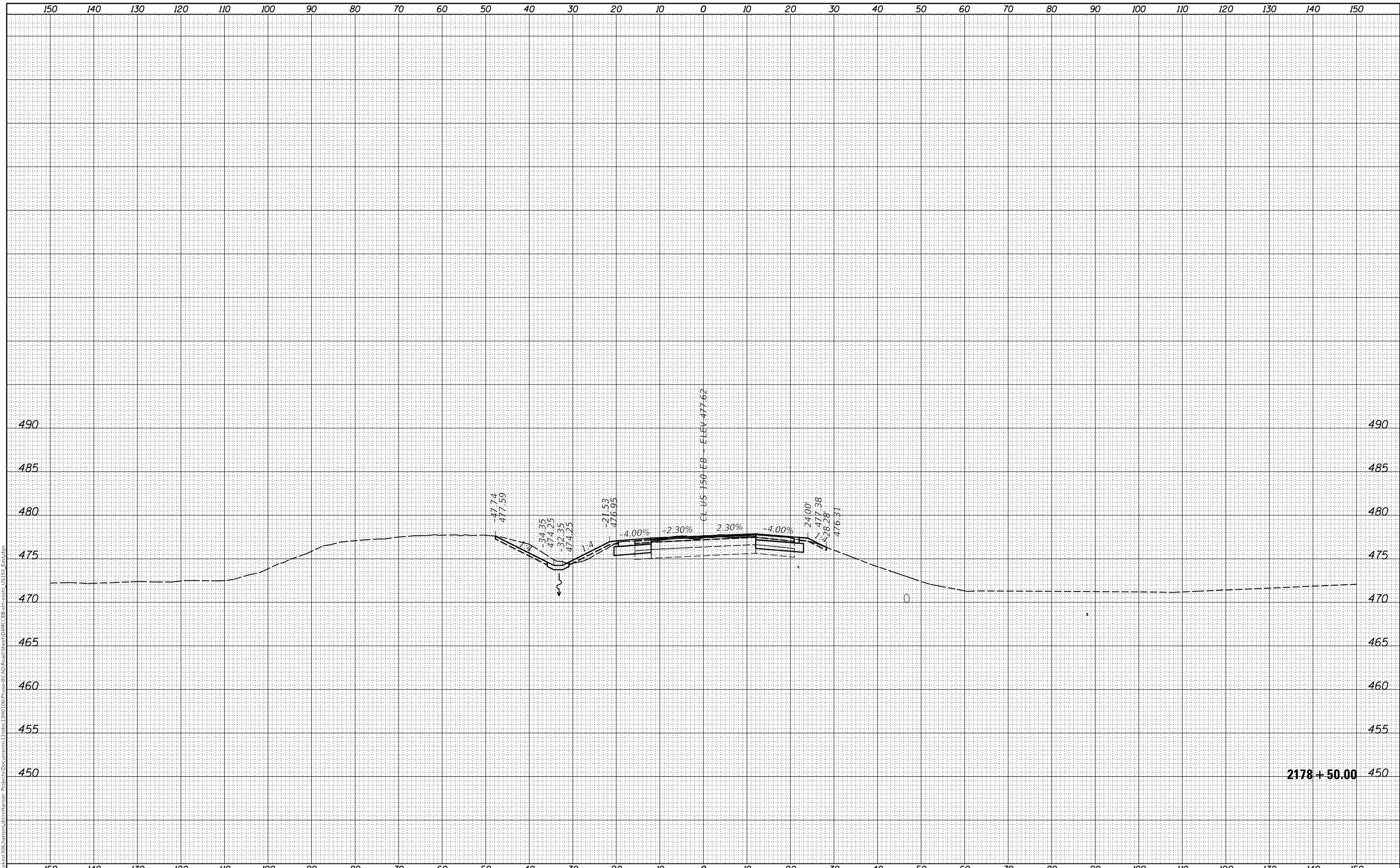
ILLINOIS FED. AID PROJECT

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

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

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2178 + 50.00

FINAL SUBMITTAL



USER NAME =	shlpp01364
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/28/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	JMH
DATE -	6/15/2018

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 US 150 EASTBOUND CROSS SECTIONS

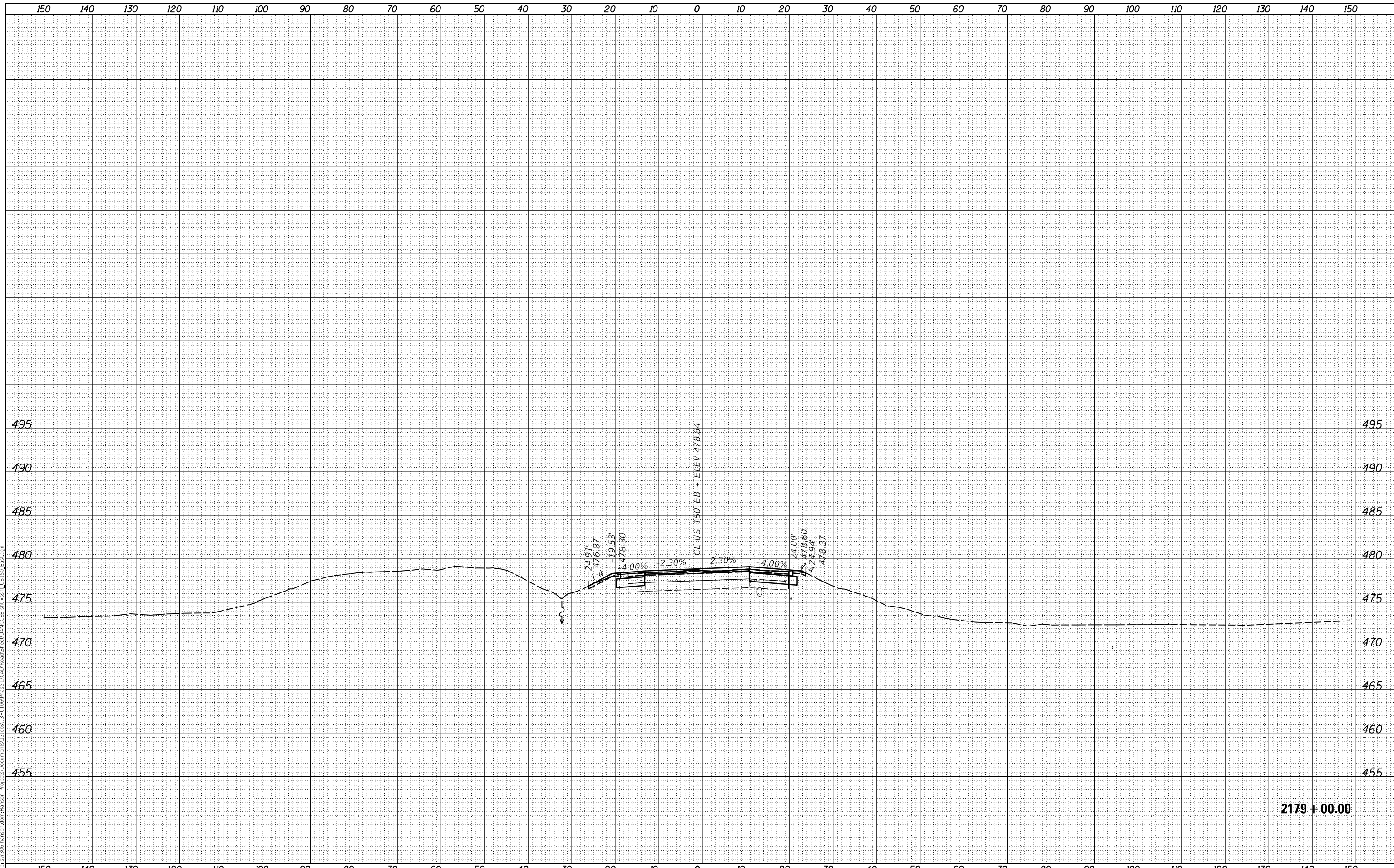
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RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1),(14HB)]BR	TAZEWELL	1361	821
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT	

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

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



2179+00.00

FINAL SUBMITTAL
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USER NAME = SHlpp01364
 PLOT SCALE = 20,00' / in.
 PLOT DATE = 11/28/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - JMH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

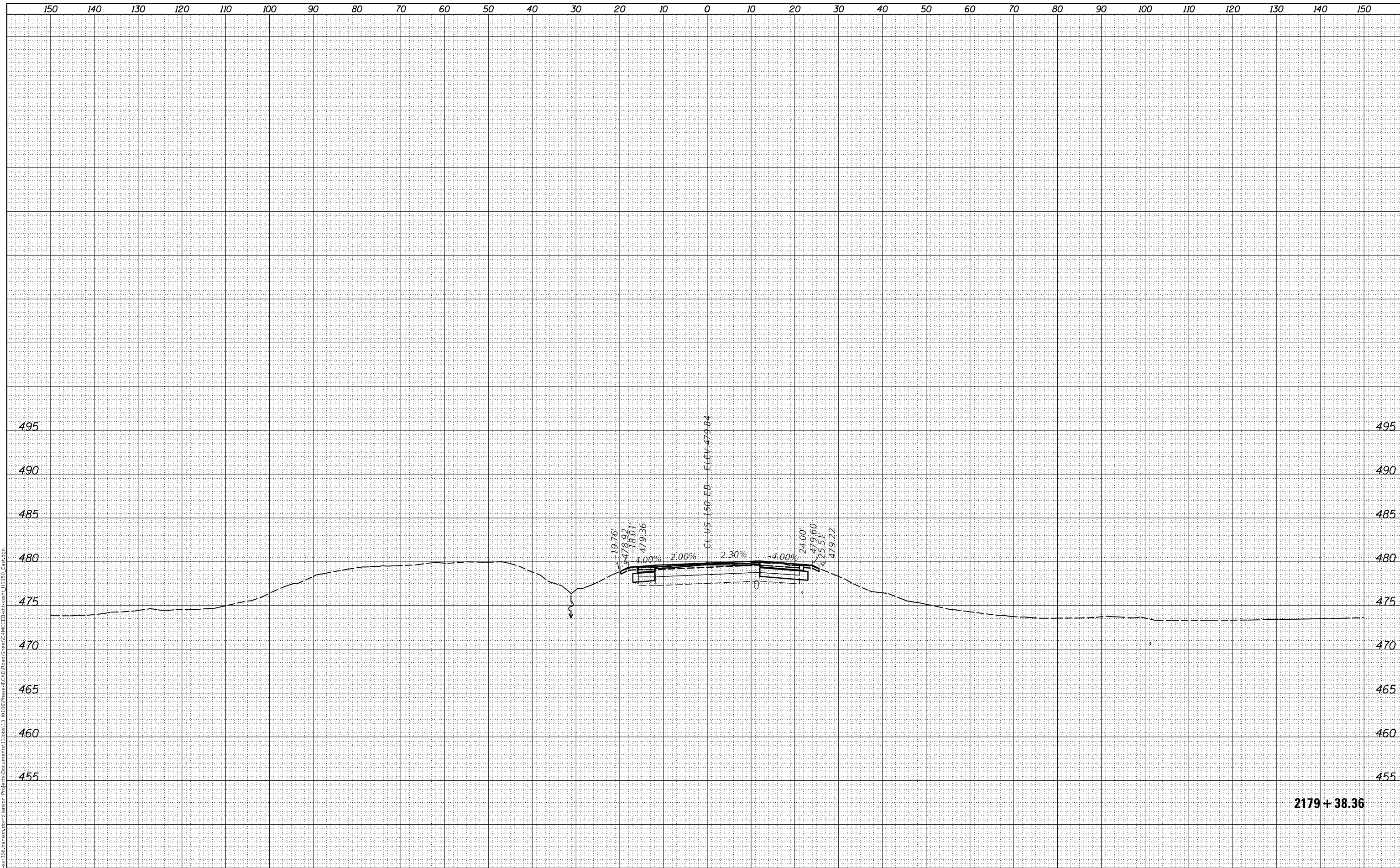
US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
 US 150 EASTBOUND CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA2179+00.00 TO STA2179+00.00

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B:(102-1)BR]BR		1361	822
			CONTRACT NO. 68B46	
		ILLINOIS FED. AID PROJECT		

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

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



2179 + 38.36

FINAL SUBMITTAL
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USER NAME = sh1pp01364
PLOT SCALE = 20.00' / in.
PLOT DATE = 11/28/2018

DESIGNED - JDS
DRAWN - JDS
CHECKED - JMH
DATE - 6/15/2018

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

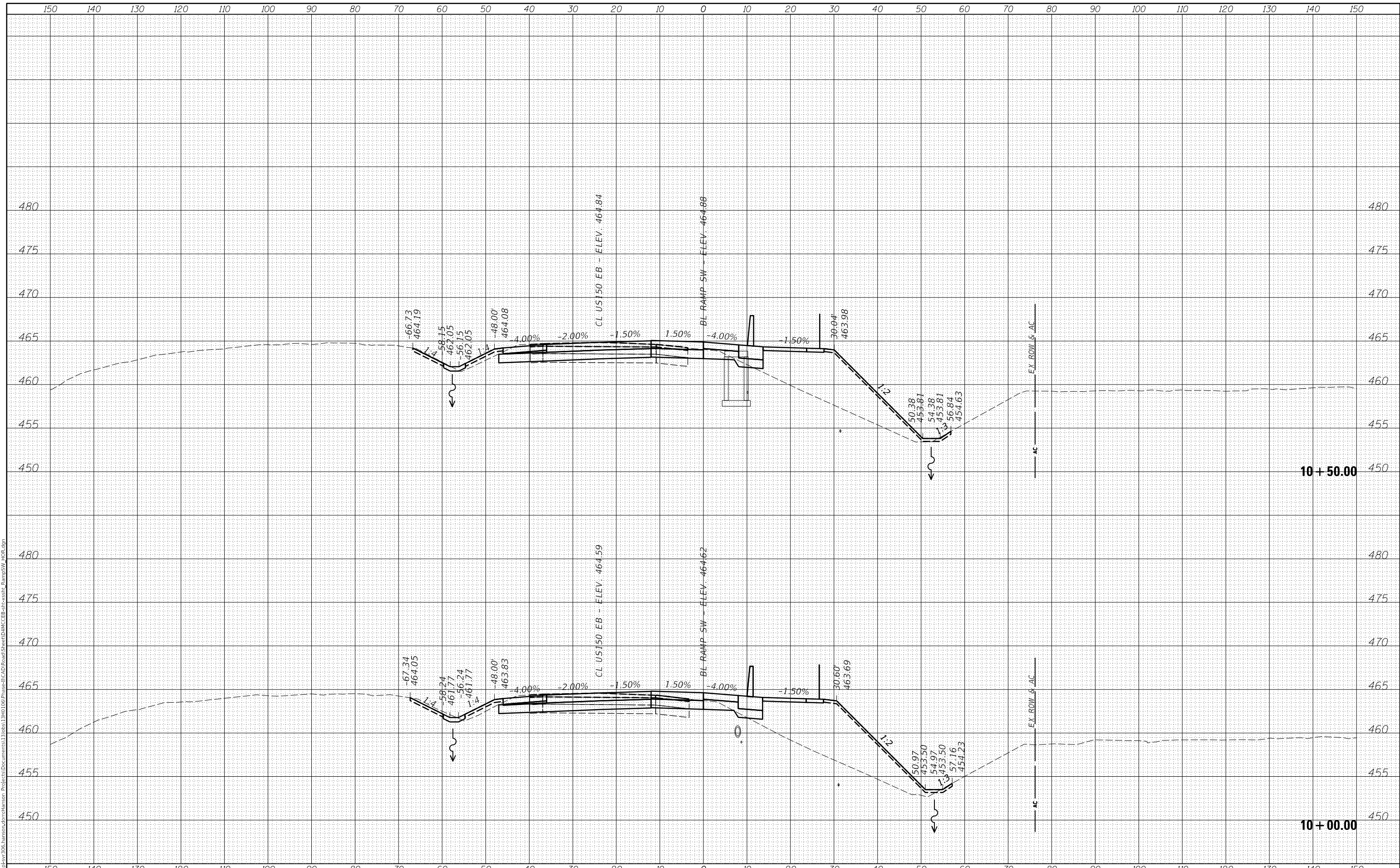
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
US 150 EASTBOUND CROSS SECTIONS
SCALE: SHEET OF SHEETS STA. 2179+38.36 TO STA. 2179+38.36

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;(102-1)BR]BR	TAZEWELL	1361	823
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT	

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

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

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USER NAME	= sh1pp01364
DESIGNED	- JDS
DRAWN	- JDS
CHECKED	- RLH
DATE	- 6/15/2018

REVISD	-
REVISD	-
REVISD	-
REVISD	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

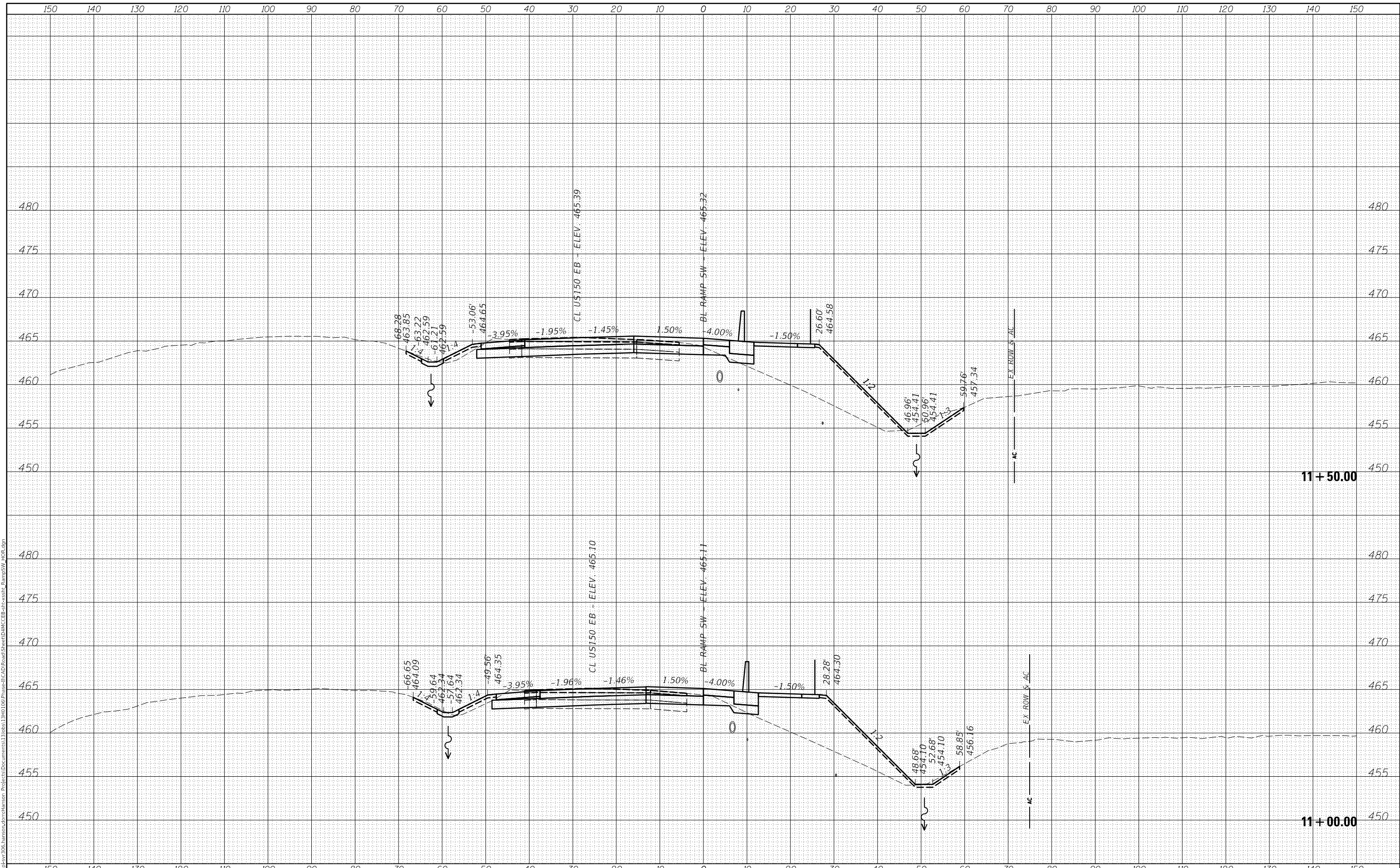
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317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	824
CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT			NHPP-YRP3(905)	

SCALE: SHEET OF SHEETS STA. 10+00.00 TO STA. 10+50.00

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

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

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USER NAME =	shlpp01364
DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	RLH
DATE -	6/15/2018

REVISD -	
REVISD -	
REVISD -	
REVISD -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 11+00.00 TO STA. 11+50.00

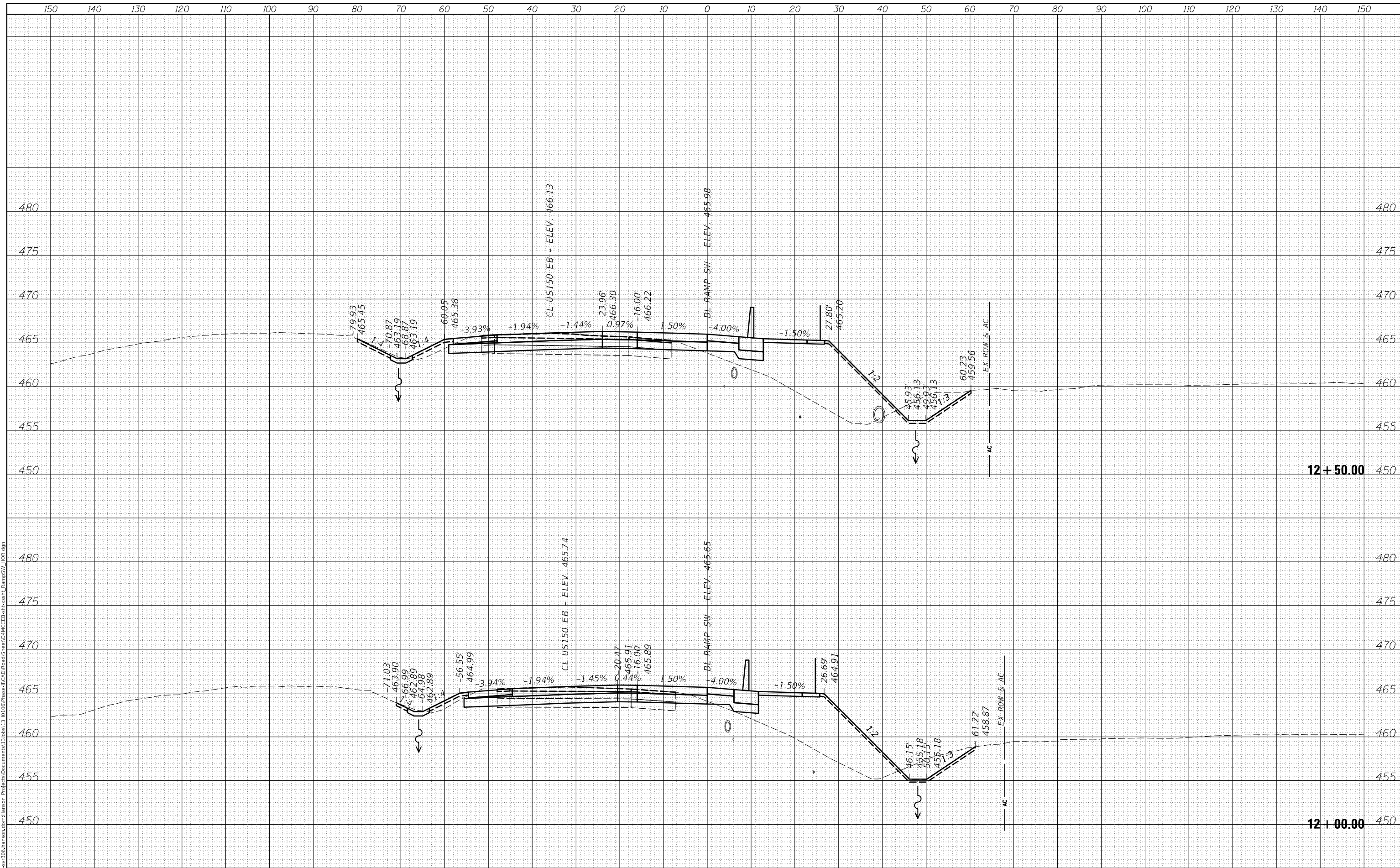
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	825
CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT NHPP-YRP3(905)

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

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

FINAL SUBMITTAL
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USER NAME = shlp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

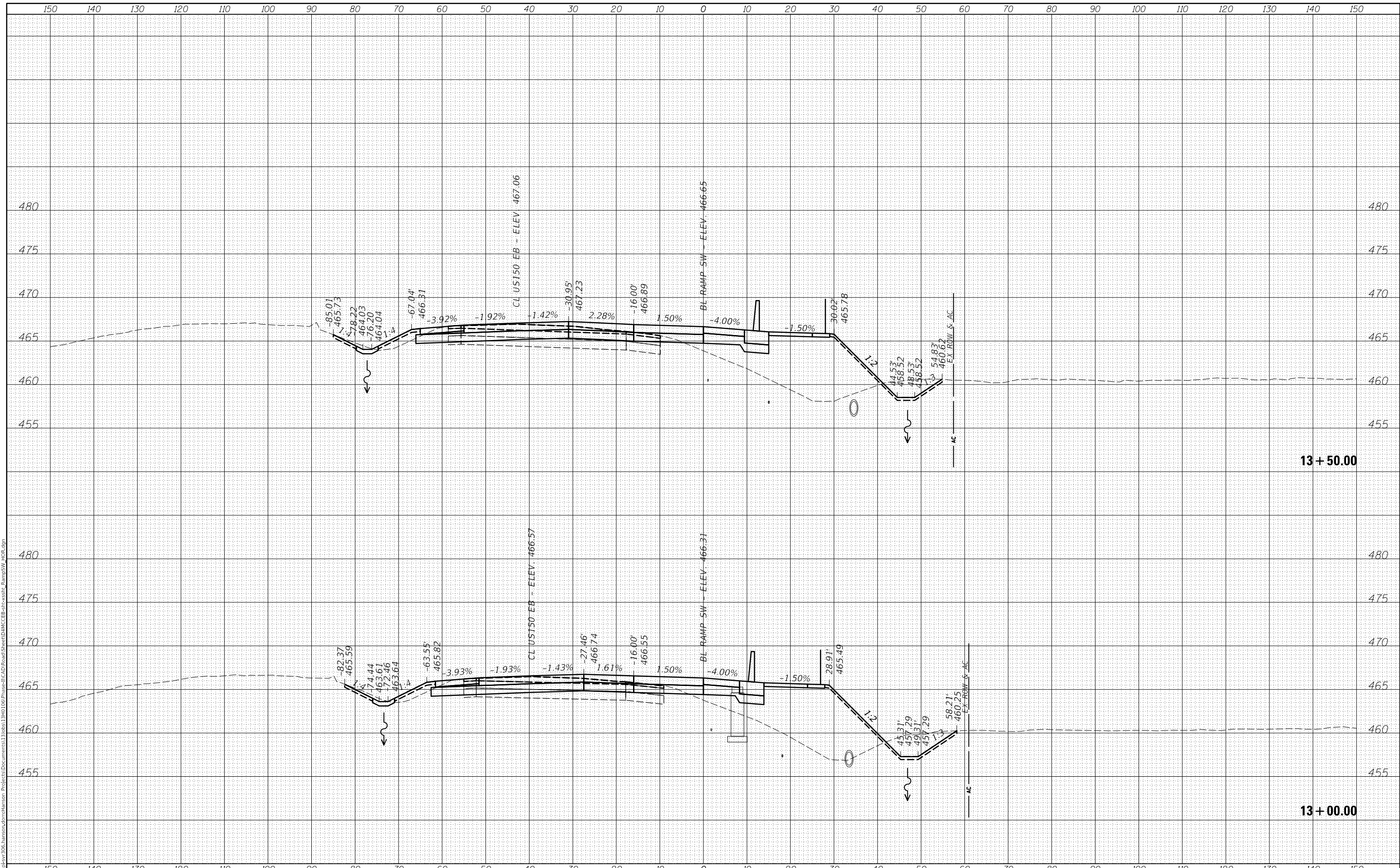
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 12+00.00 TO STA. 12+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	826
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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USER NAME = sh1pp01364	DESIGNED - JDS	REVISD -
	DRAWN - JDS	REVISD -
PLOT SCALE = 20.00' / in.	CHECKED - RLH	REVISD -
PLOT DATE = 11/16/2018	DATE - 6/15/2018	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

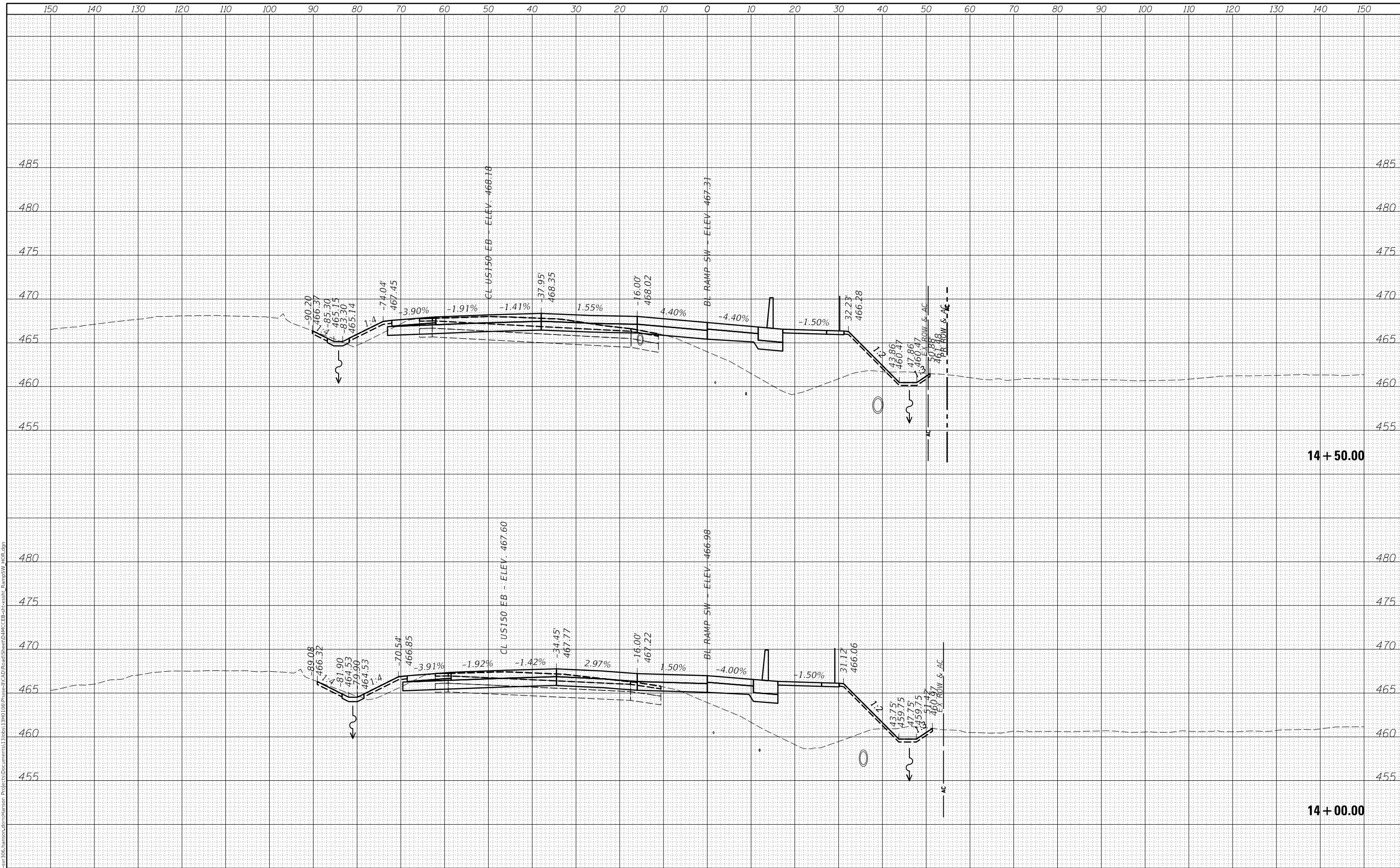
SCALE: SHEET OF SHEETS STA. 13+00.00 TO STA. 13+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))]BR]BR	TAZEWELL	1361	827
CONTRACT NO. 68B46				
ILLINOIS		FED. AID PROJECT	NHPP-YRP3(905)	

FINAL SURVEY NO.	SURVEYED AREAS	PLOTTED TEMPLATE	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	PLOTTED TEMPLATE	DATE

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USER NAME = shlp01364	DESIGNED - JDS	REVISIED -
	DRAWN - JDS	REVISIED -
PLOT SCALE = 20.00' / in.	CHECKED - RLH	REVISIED -
PLOT DATE = 11/16/2018	DATE - 6/15/2018	REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

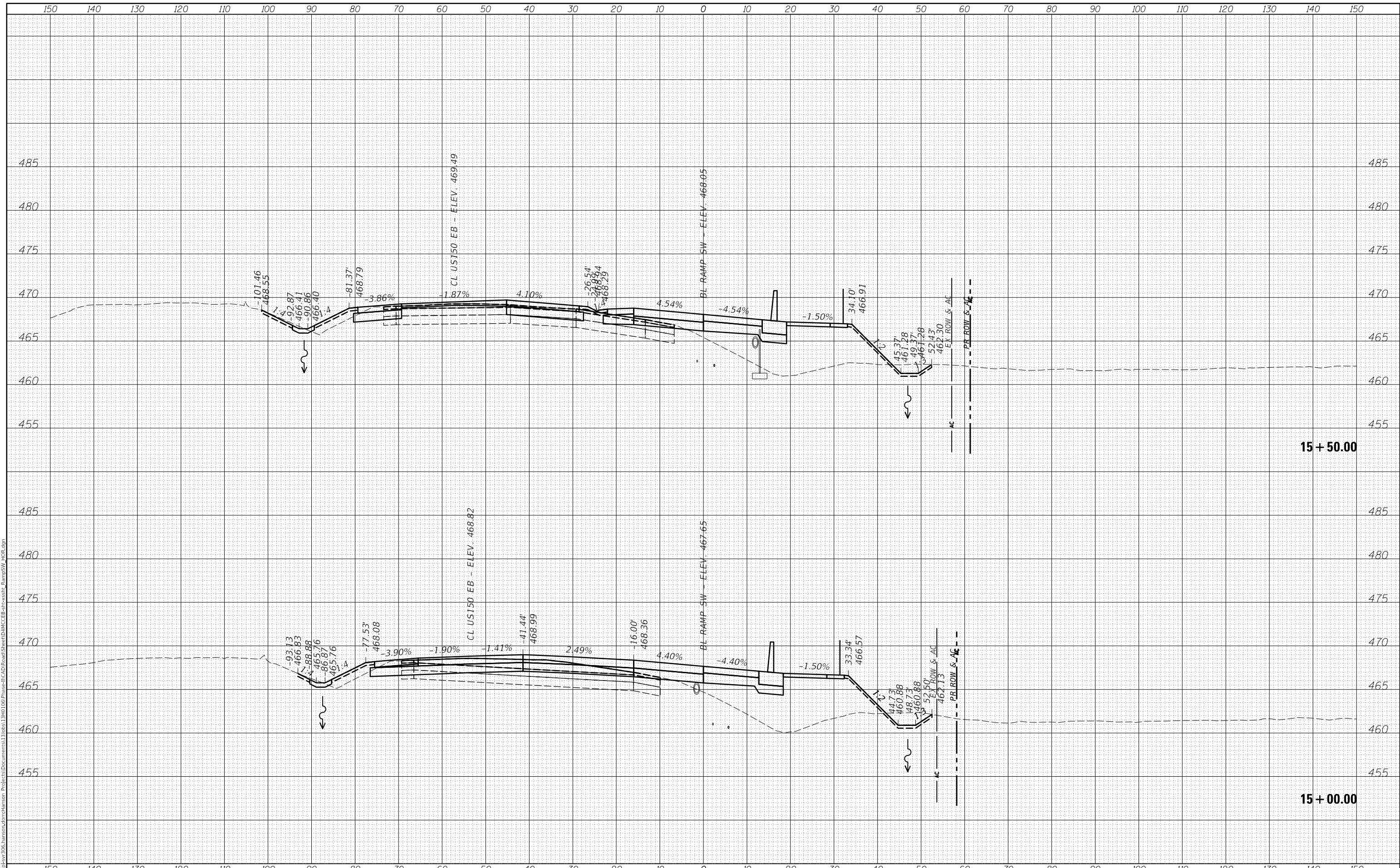
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	828
SCALE:			CONTRACT NO. 68B46	
SHEET OF SHEETS			ILLINOIS FED. AID PROJECT NHPY-YP3(905)	

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

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

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USER NAME = sh1pp01364
 DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

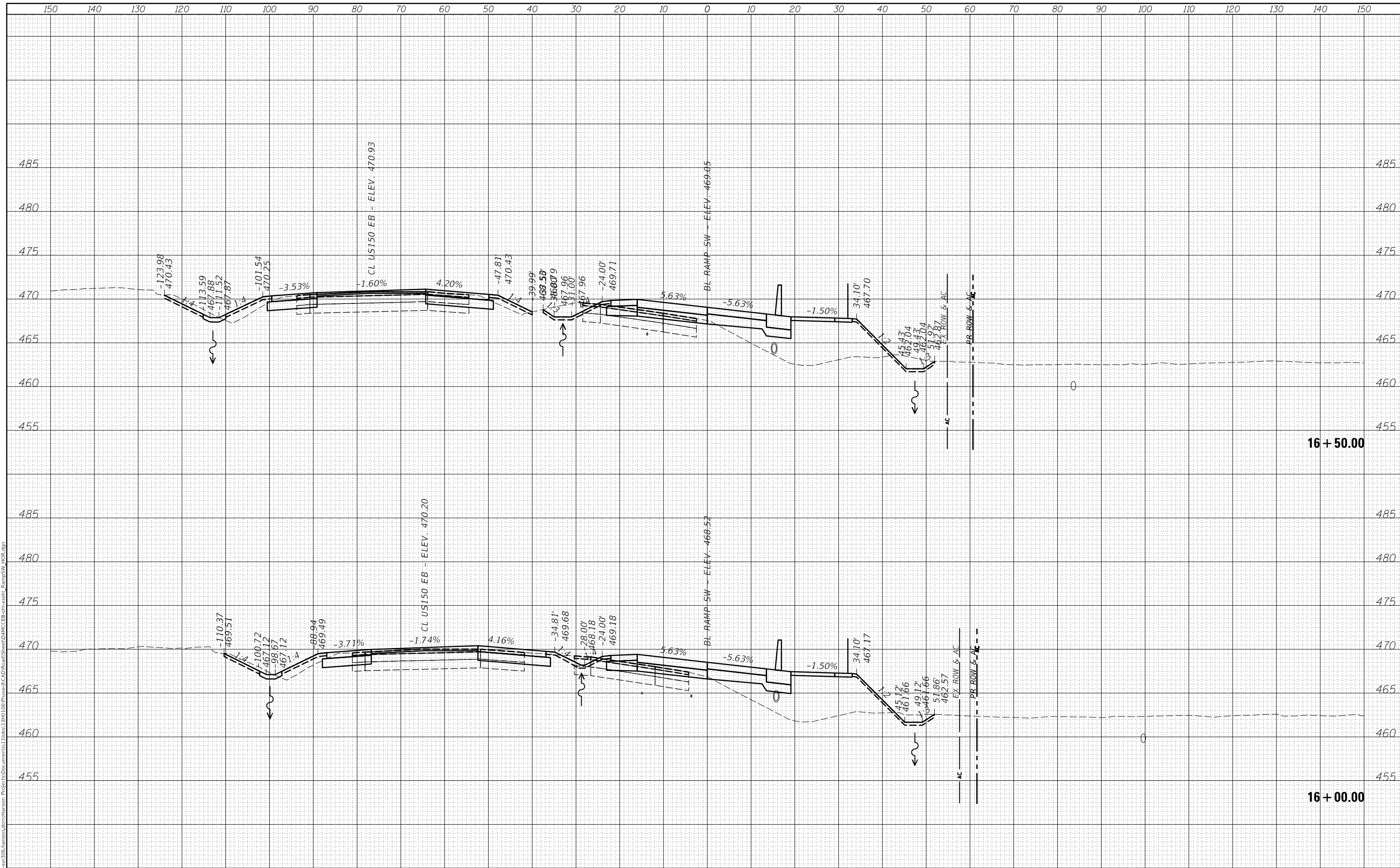
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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		DRAWN -	JDS	REVISED -	
PLOT SCALE =	20.00' / in.	CHECKED -	RLH	REVISED -	
PLOT DATE =	11/16/2018	DATE -	6/15/2018	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

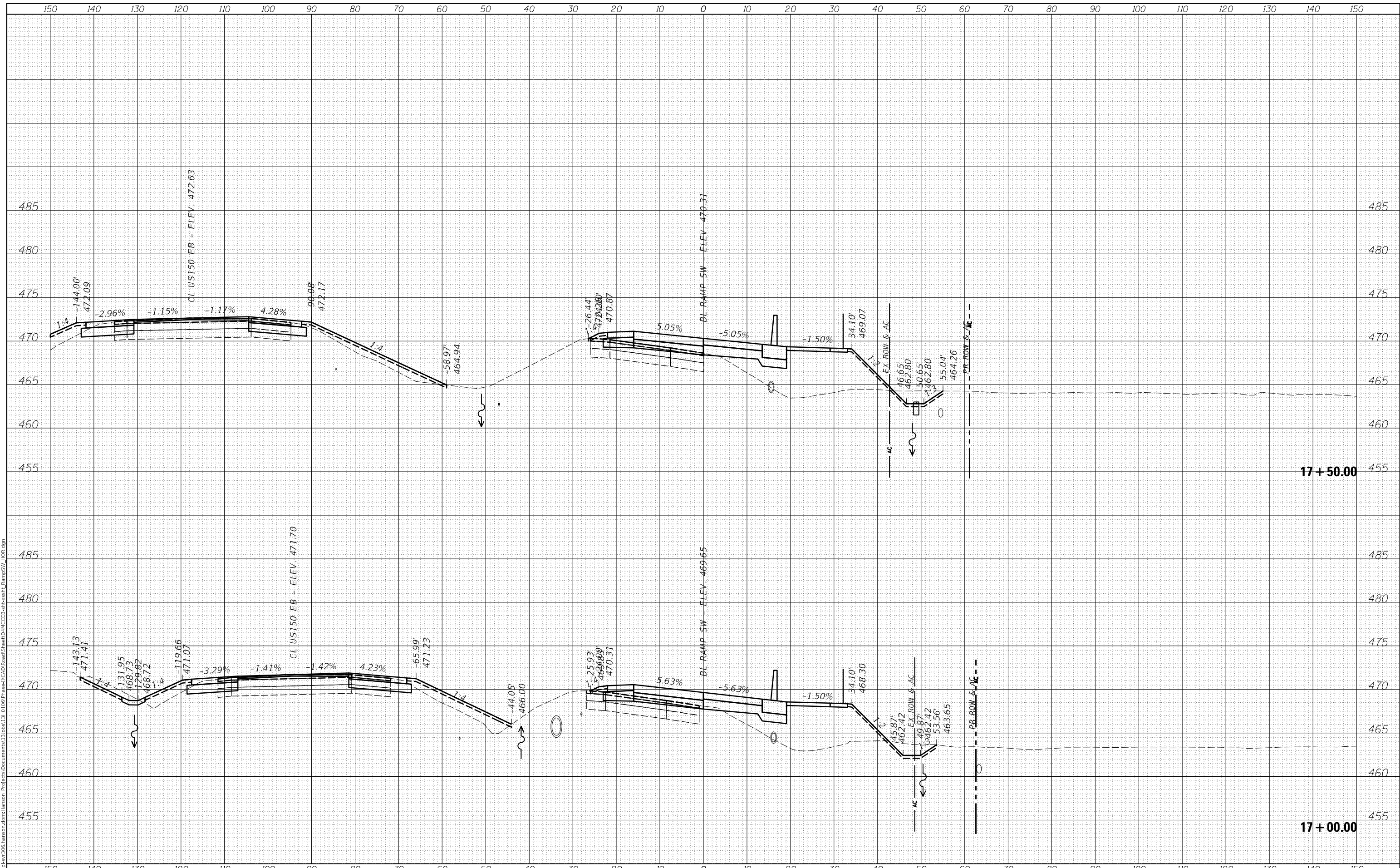
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	830
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

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

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USER NAME = sh1pp01364
 DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

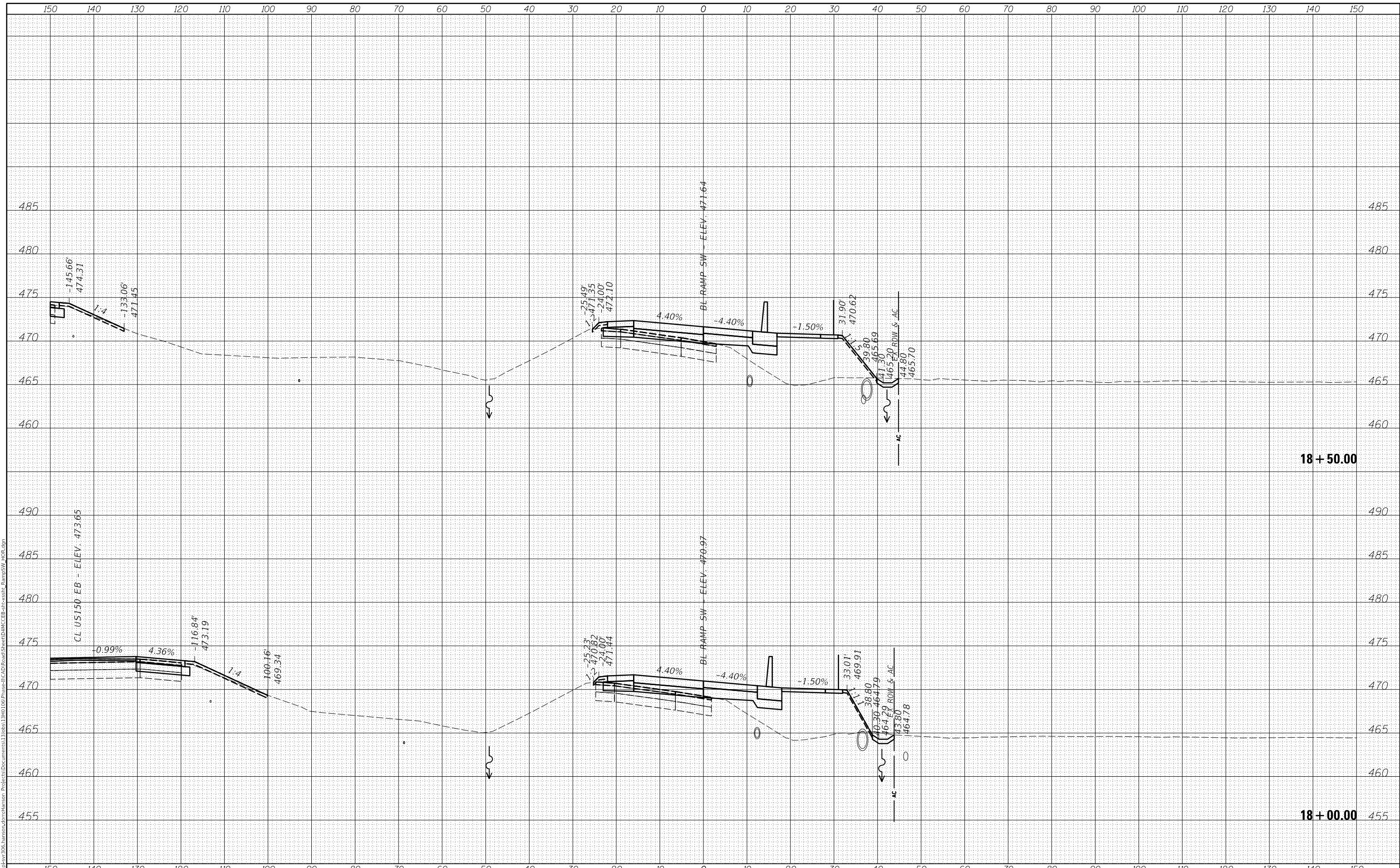
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))]BR BR	TAZEWELL	1361	831
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

FINAL SUBMITTAL
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PLOT SCALE	= 20.00' / in.
PLOT DATE	= 11/16/2018

DESIGNED	- JDS	REVISED	-
DRAWN	- JDS	REVISED	-
CHECKED	- RLH	REVISED	-
DATE	- 6/15/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET	OF	SHEETS	STA. 18+00.00	TO STA. 18+50.00
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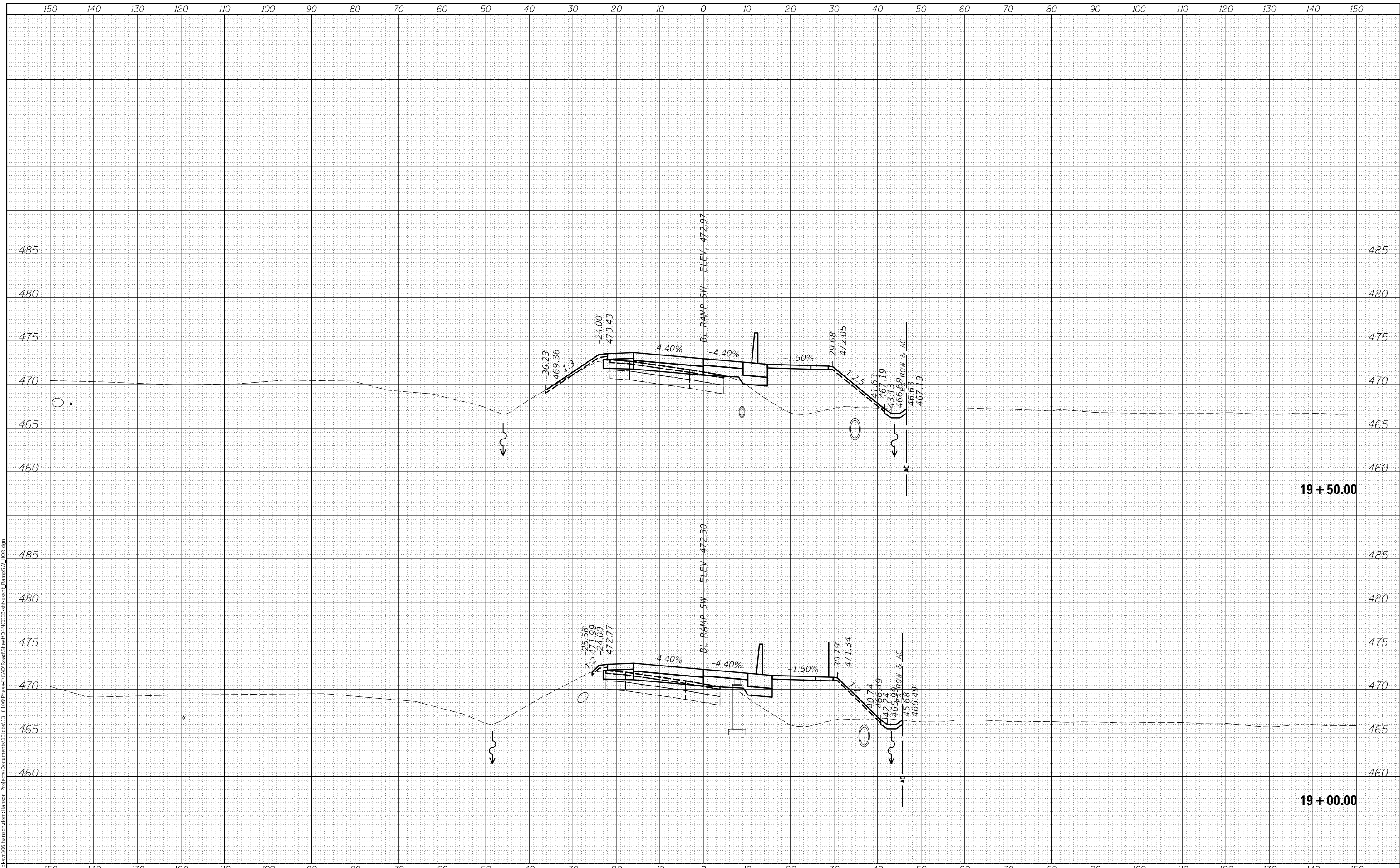
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
RAMP SW CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))]BR BR	TAZEWELL	1361	832
				CONTRACT NO. 68B46
			ILLINOIS	FED. AID PROJECT
			NHPP-YRP3(905)	

FINAL SURVEY NO.	SURVEYED AREAS	DATE
PLOTTED TEMPLATE AREAS CHECKED		

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

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USER NAME = sh1pp01364	DESIGNED - JDS	REvised -
	DRAWN - JDS	REvised -
PLOT SCALE = 20.00' / in.	CHECKED - RLH	REvised -
PLOT DATE = 11/16/2018	DATE - 6/15/2018	REvised -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 19+00.00 TO STA. 19+50.00

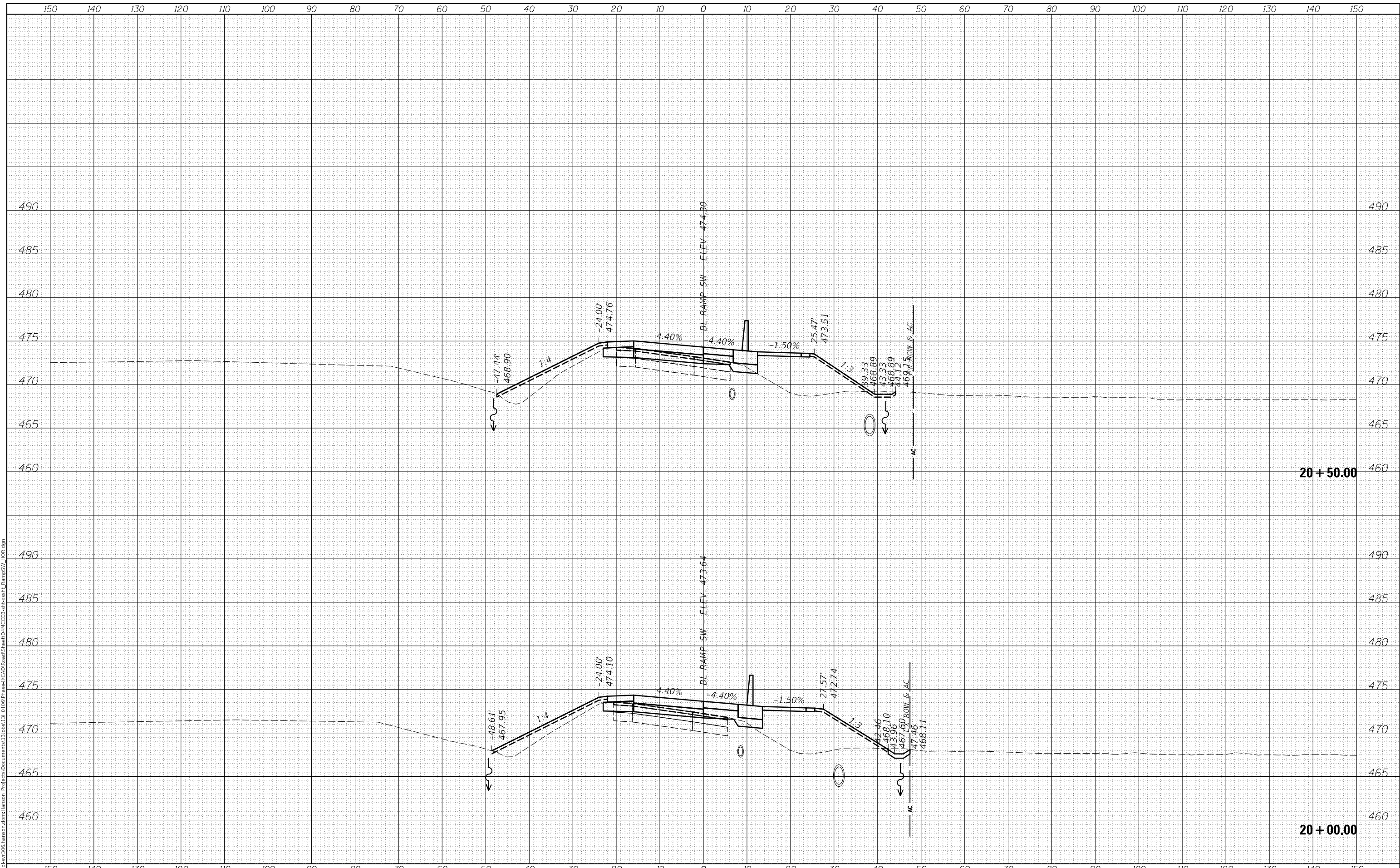
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CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT NHPP-YRP3(905)

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

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

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PLOT SCALE	= 20.00' / in.
PLOT DATE	= 11/16/2018

DESIGNED	- JDS
DRAWN	- JDS
CHECKED	- RLH
DATE	- 6/15/2018

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

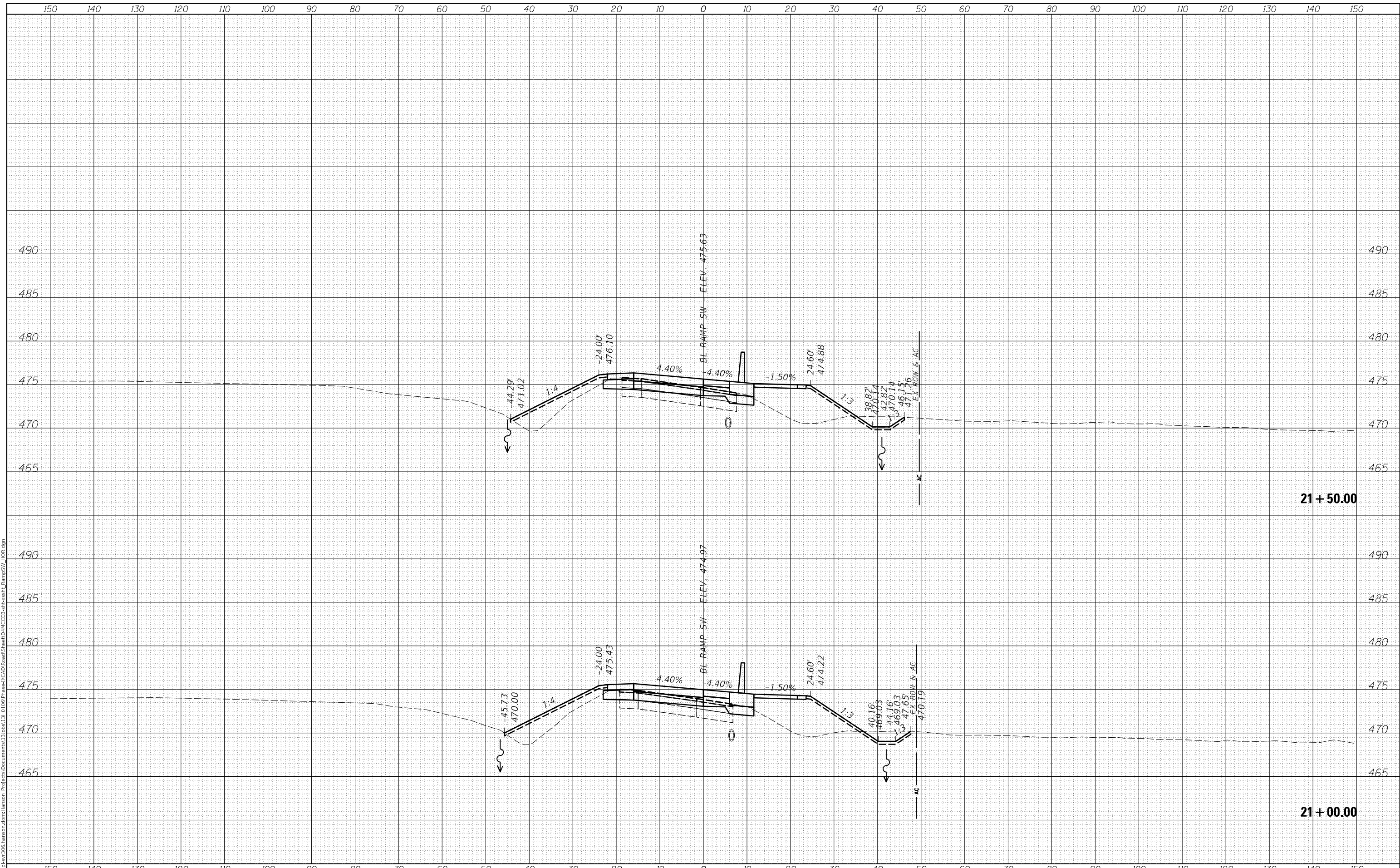
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B46				
ILLINOIS		FED. AID PROJECT	NHPP-YRP3(905)	

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	

FINAL SUBMITTAL
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USER NAME	= sh1pp01364
PLOT SCALE	= 20.00' / in.
PLOT DATE	= 11/16/2018

DESIGNED	- JDS
DRAWN	- JDS
CHECKED	- RLH
DATE	- 6/15/2018

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

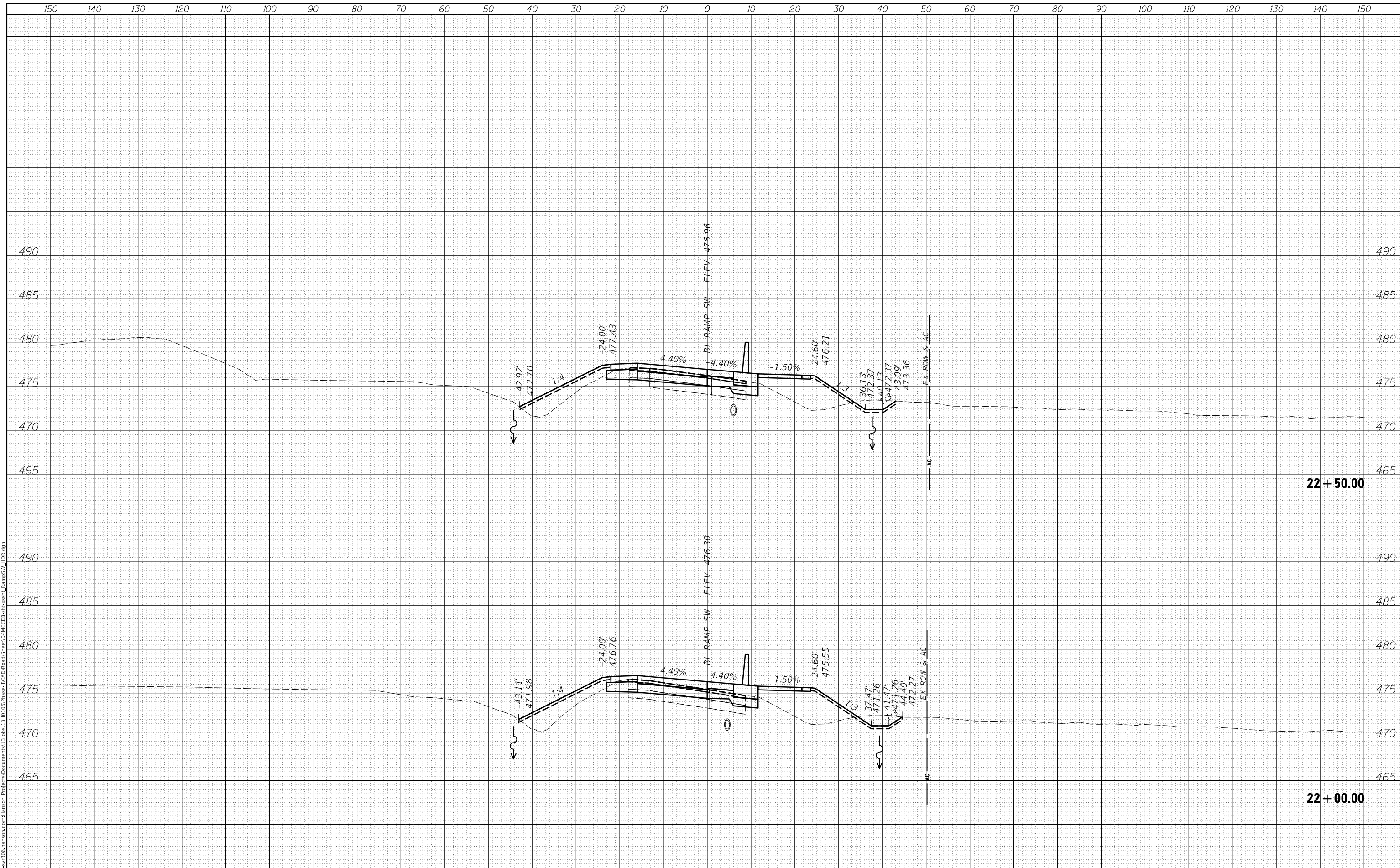
SCALE: SHEET OF SHEETS STA. 21+00.00 TO STA. 21+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	835
			CONTRACT NO. 68B46	
		ILLINOIS	FED. AID PROJECT	NHPP-YRP3(905)

FINAL SURVEY NO.	SURVEYED AREAS	DATE
PLOTTED TEMPLATE AREAS CHECKED		

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

FINAL SUBMITTAL
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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

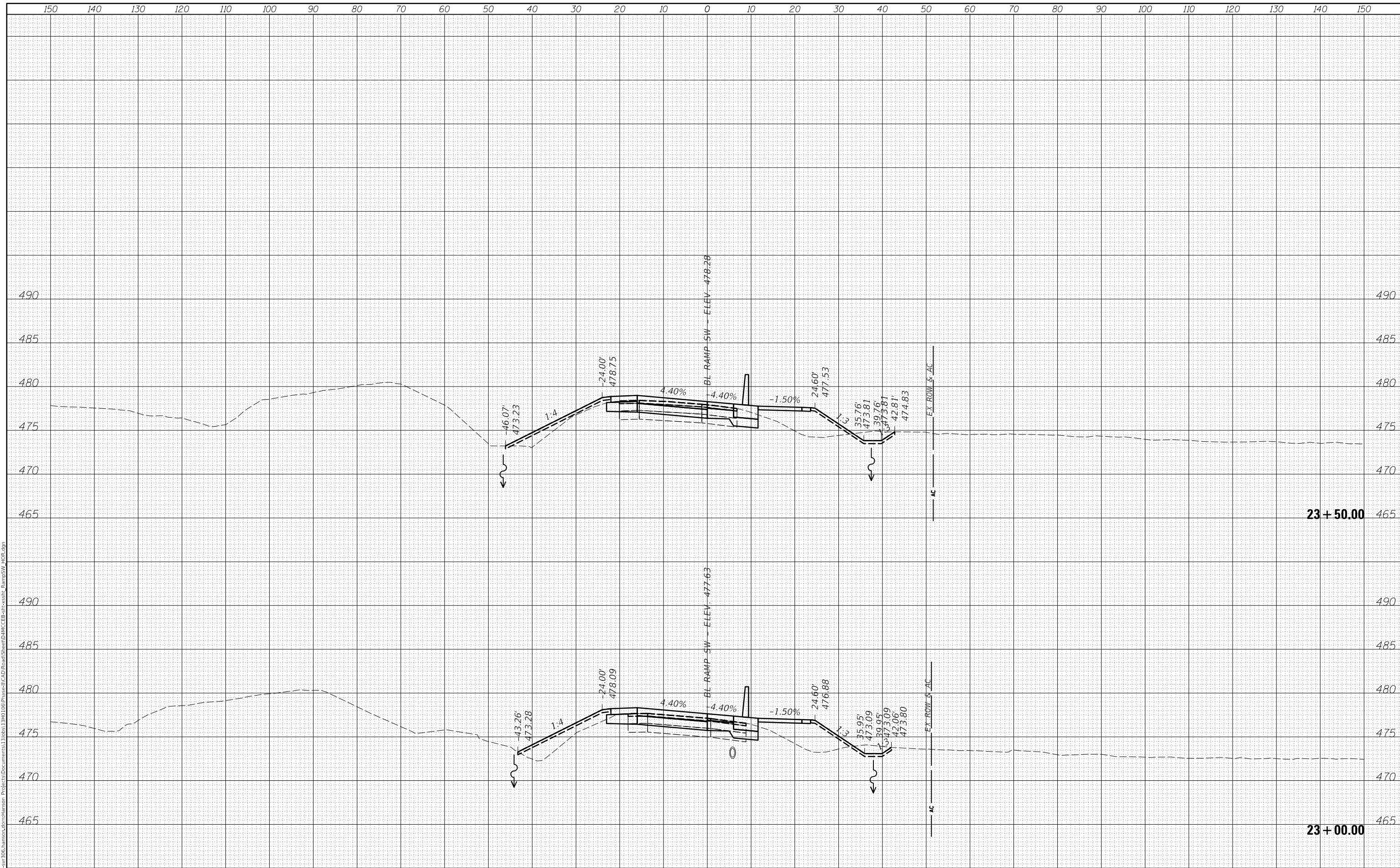
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 22+00.00 TO STA. 22+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	836
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

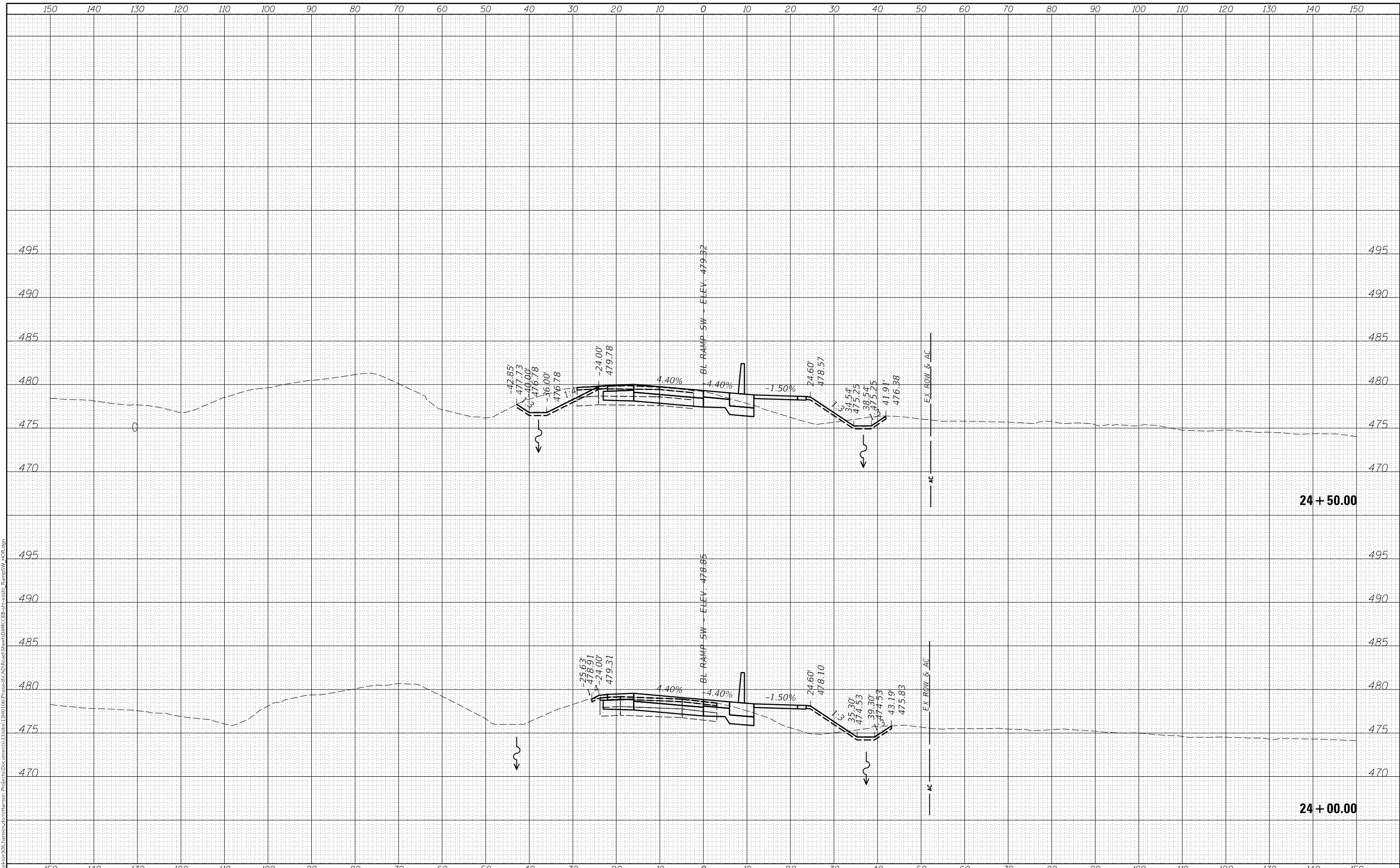
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 23+00.00 TO STA. 23+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))]BR BR	TAZEWELL	1361	837
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

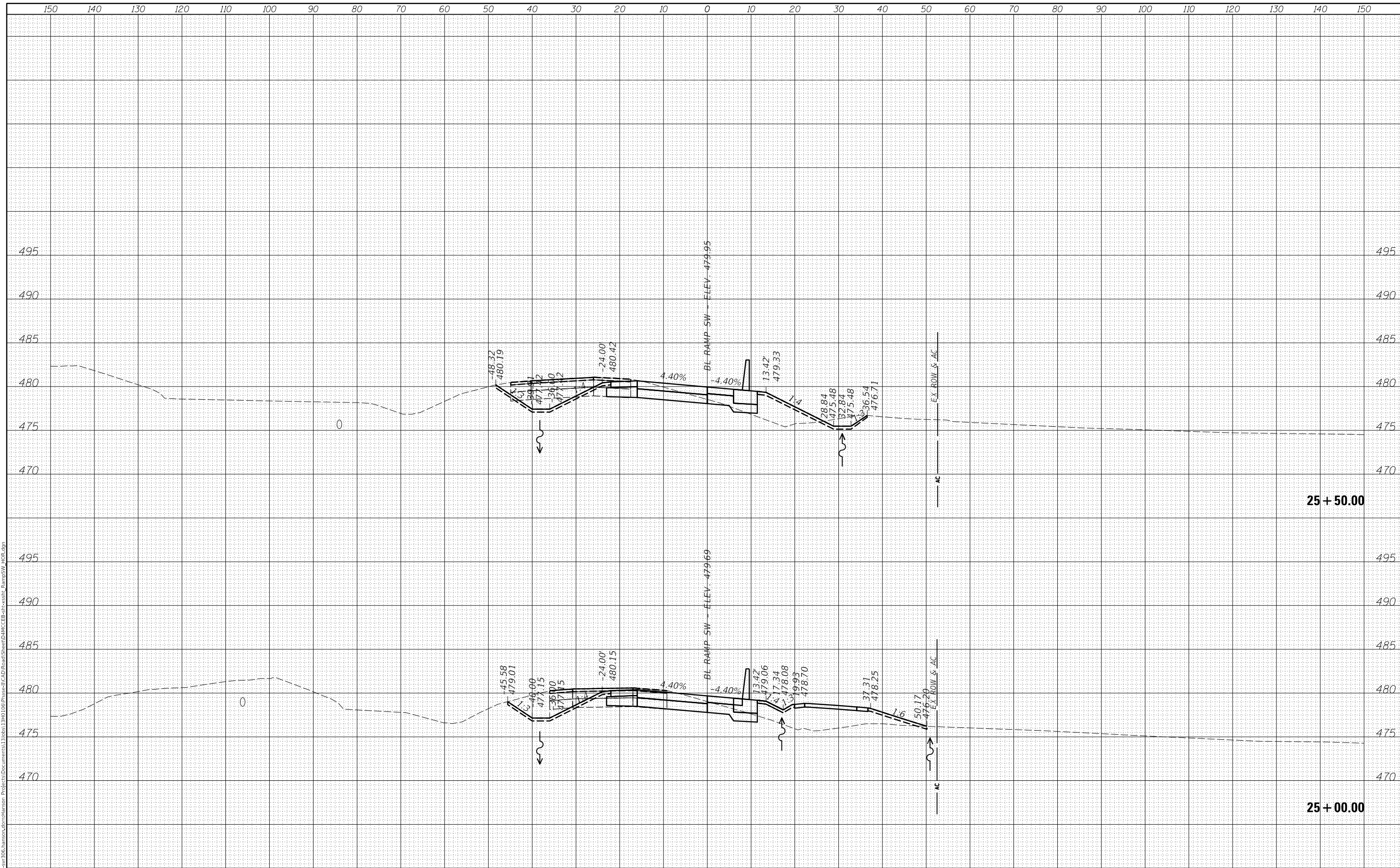
SCALE: SHEET OF SHEETS STA. 24+00.00 TO STA. 24+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	838
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

FINAL SURVEY NO.	SURVEYED AREAS	PLOTTED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	PLOTTED AREAS	DATE

FINAL SUBMITTAL
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USER NAME =	shlpp01364
DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	RLH
DATE -	6/15/2018

REVISIED -	
REVISIED -	
REVISIED -	
REVISIED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

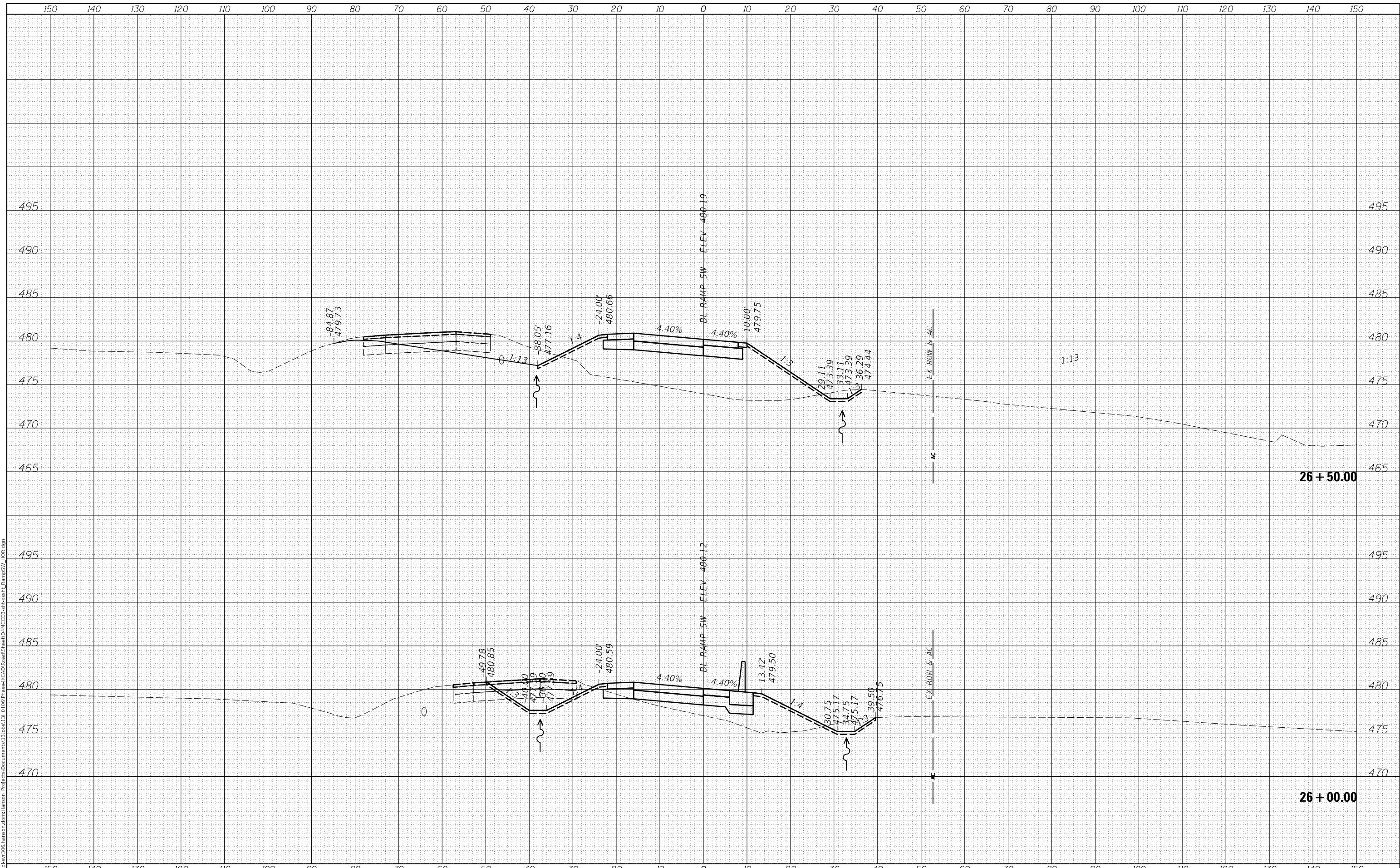
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	839
SCALE:			CONTRACT NO. 68B46	
SHEET OF SHEETS			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE

FINAL SUBMITTAL
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USER NAME =	shlpp01364
PLOT SCALE =	20.00" / 1'
PLOT DATE =	11/16/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	RLH
DATE -	6/15/2018

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
RAMP SW CROSS SECTIONS

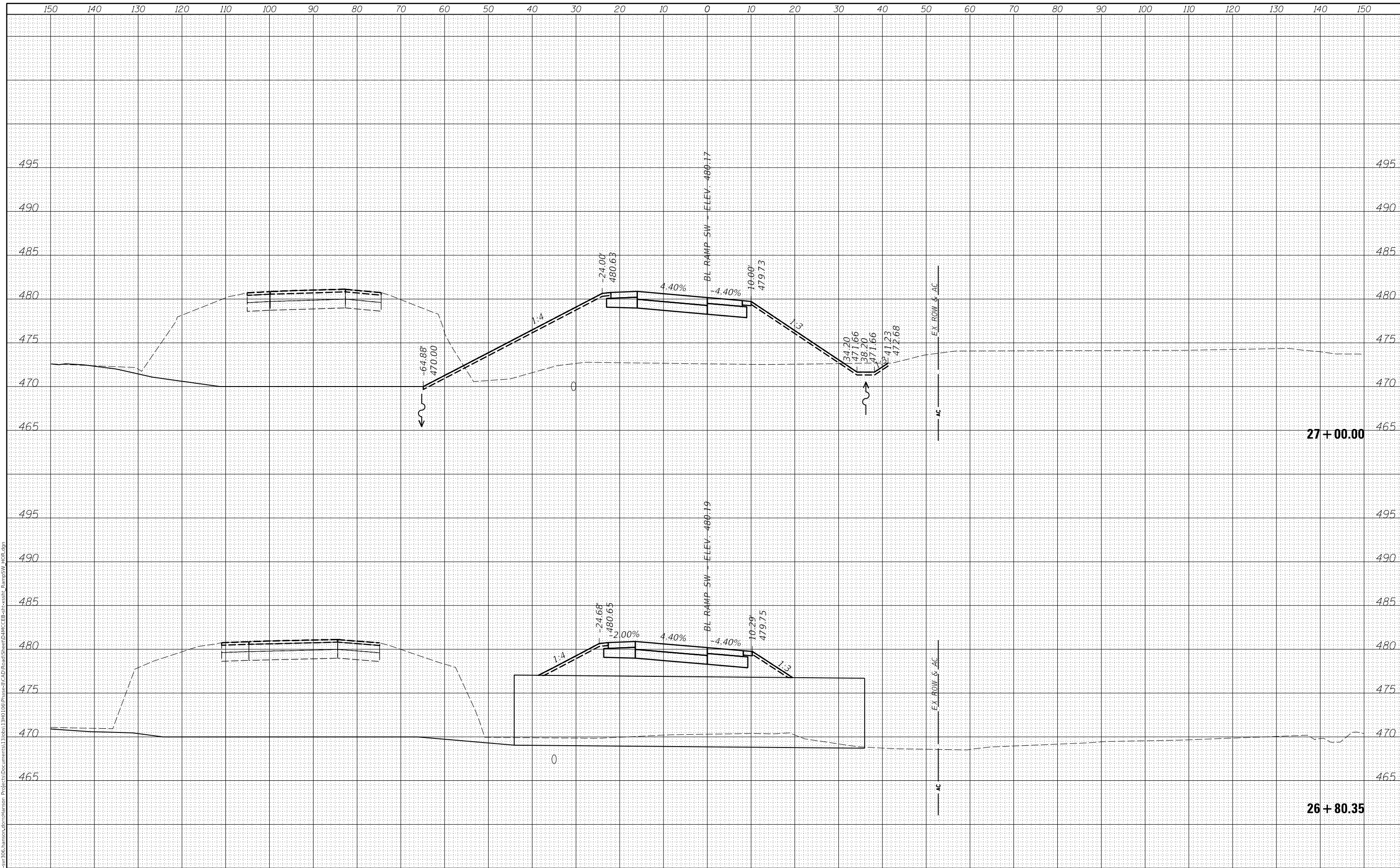
SCALE: SHEET OF SHEETS STA. 26+00.00 TO STA. 26+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	840
CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT			NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

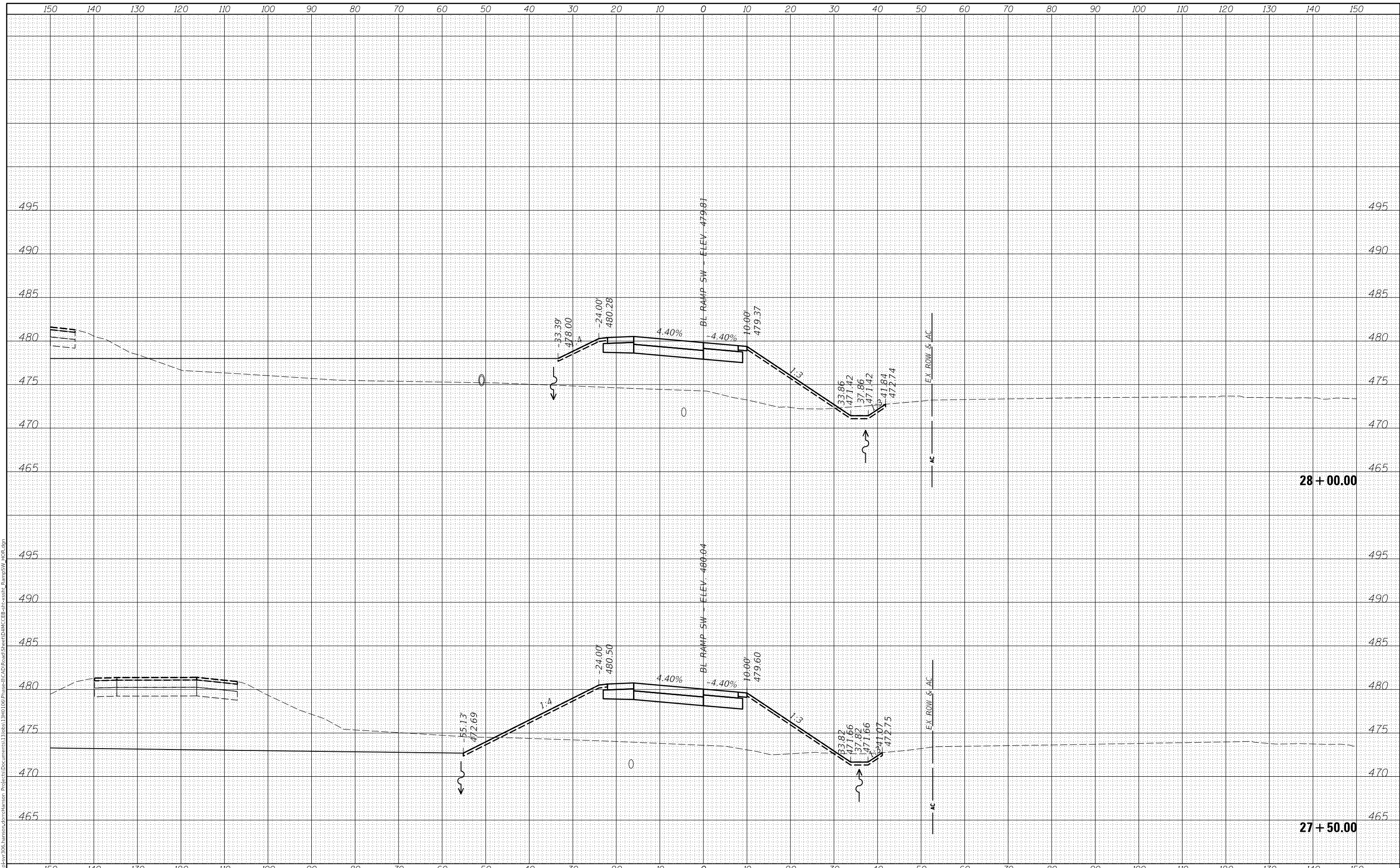
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 26+80.35 TO STA. 27+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	841
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

FINAL SUBMITTAL
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USER NAME = shlp01364
 DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

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

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

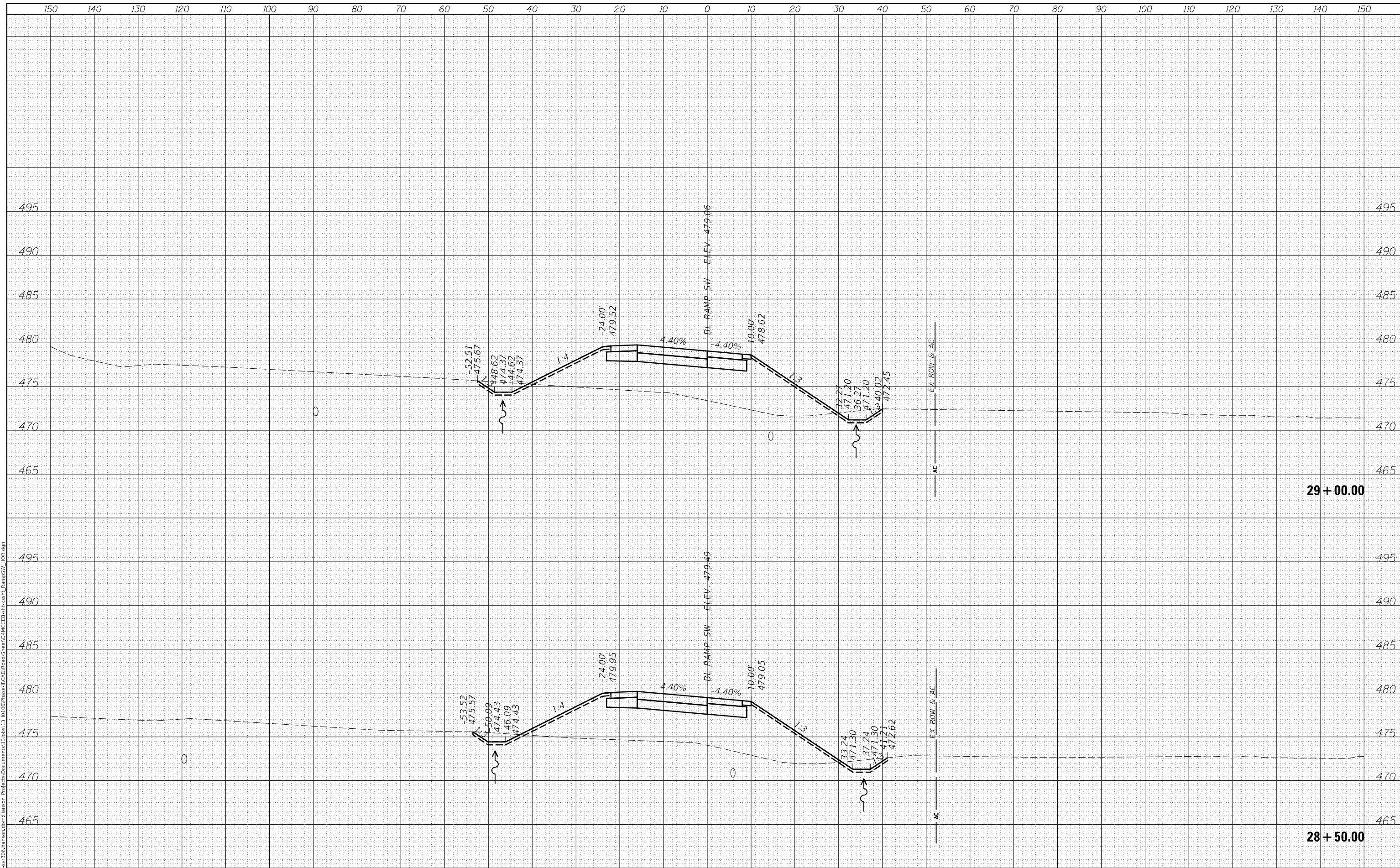
SCALE: SHEET OF SHEETS STA. 27+50.00 TO STA. 28+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	842
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

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

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USER NAME = shlp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

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

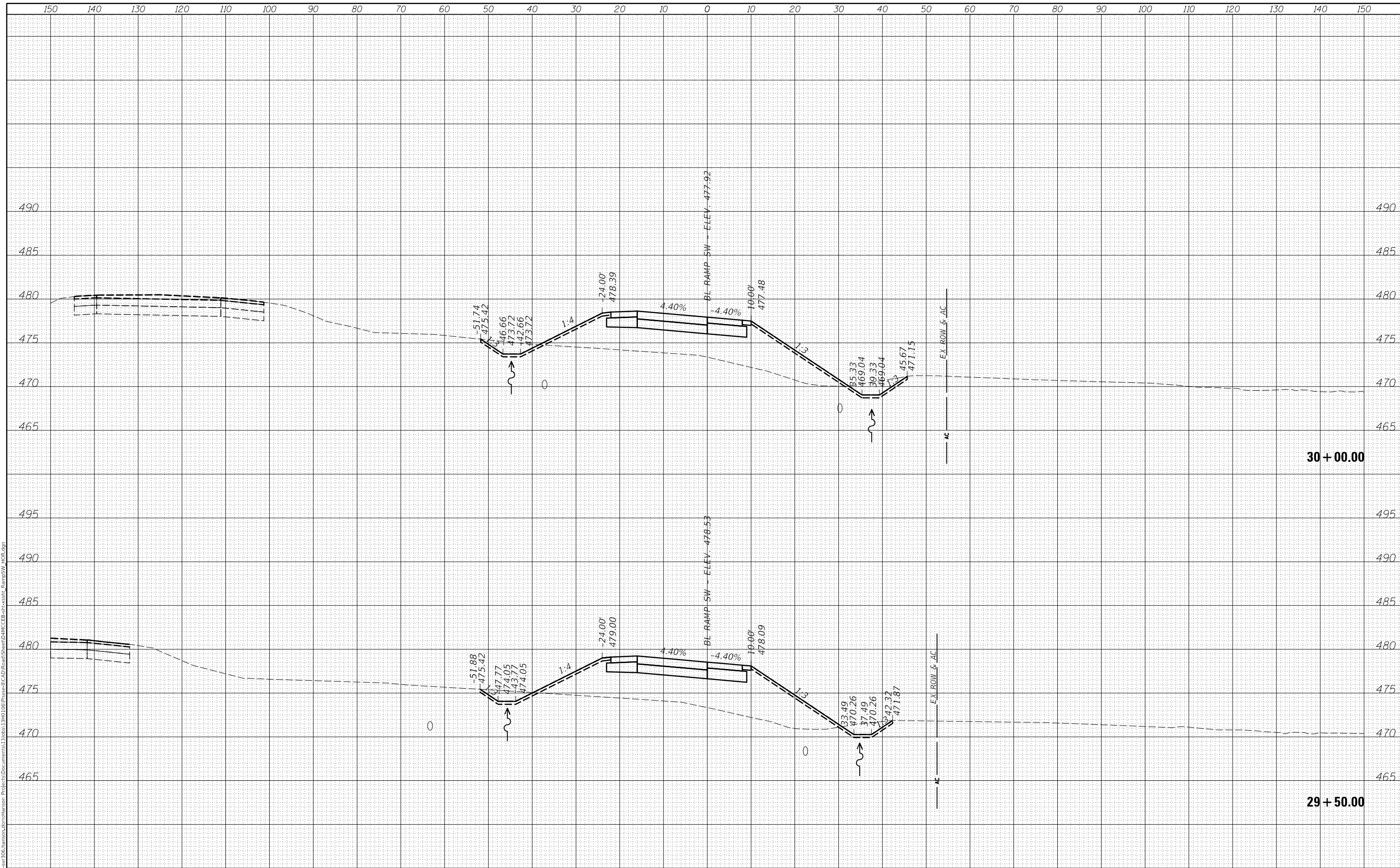
US 150 EASTBOUND MCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 28+50.00 TO STA. 29+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	843
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

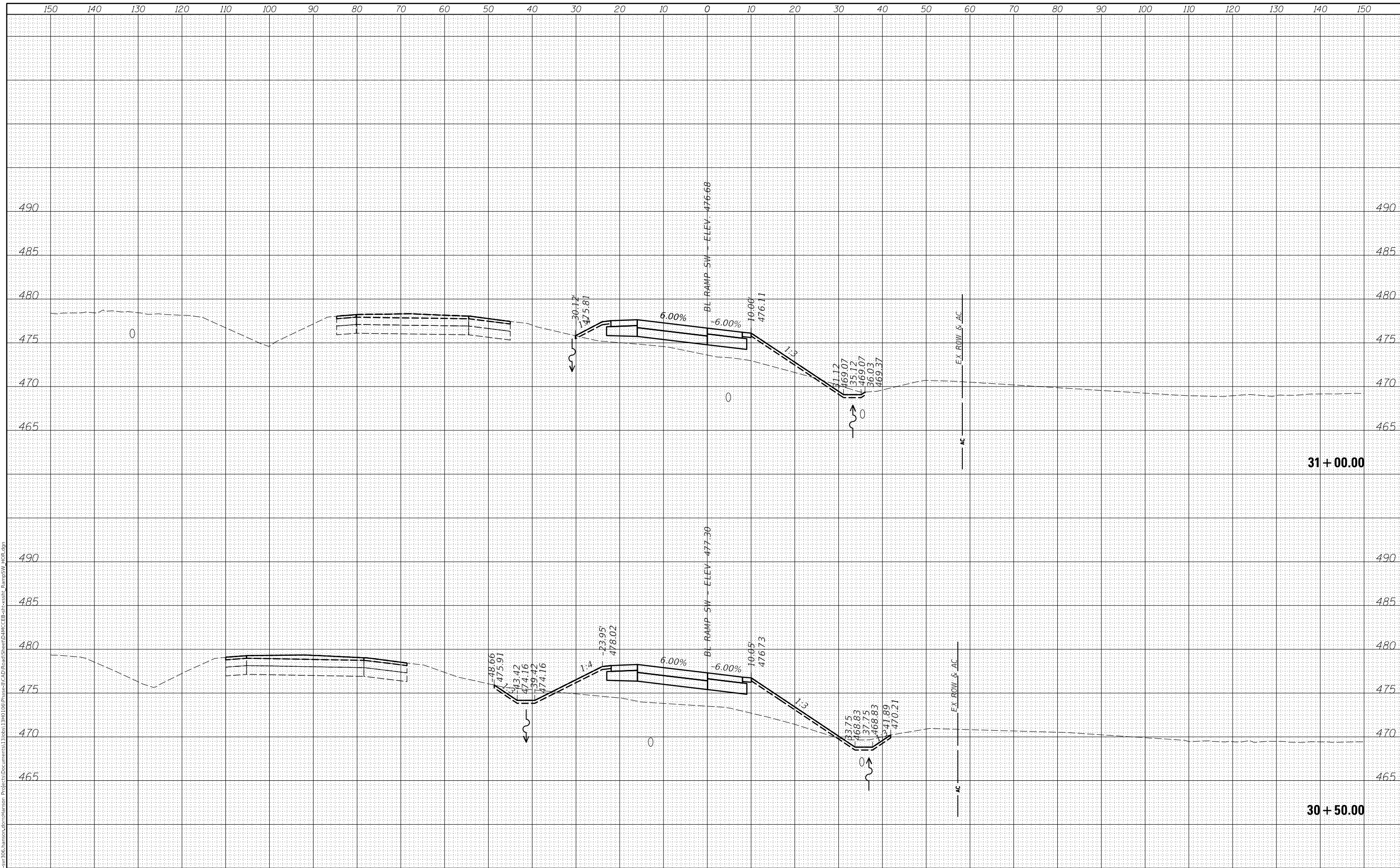
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 29+50.00 TO STA. 30+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	844
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

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

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

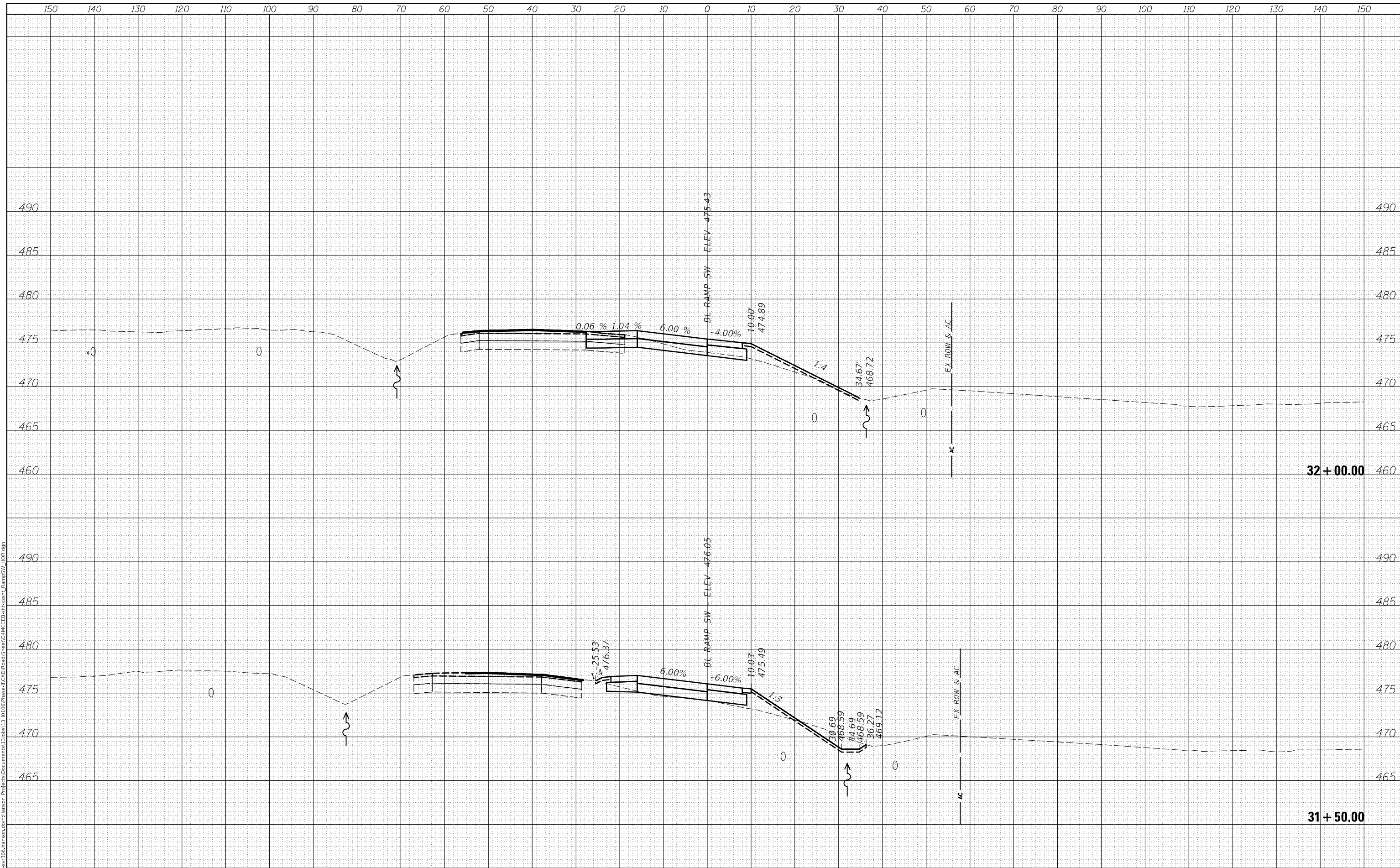
SCALE: SHEET OF SHEETS STA. 30+50.00 TO STA. 31+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	845
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

FINAL SURVEY NO.	SURVEYED AREAS	DATE
PLOTTED TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE
PLOTTED TEMPLATE AREAS CHECKED		

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DESIGNED	- JDS
DRAWN	- JDS
CHECKED	- RLH
DATE	- 6/15/2018

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REVISIONS	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

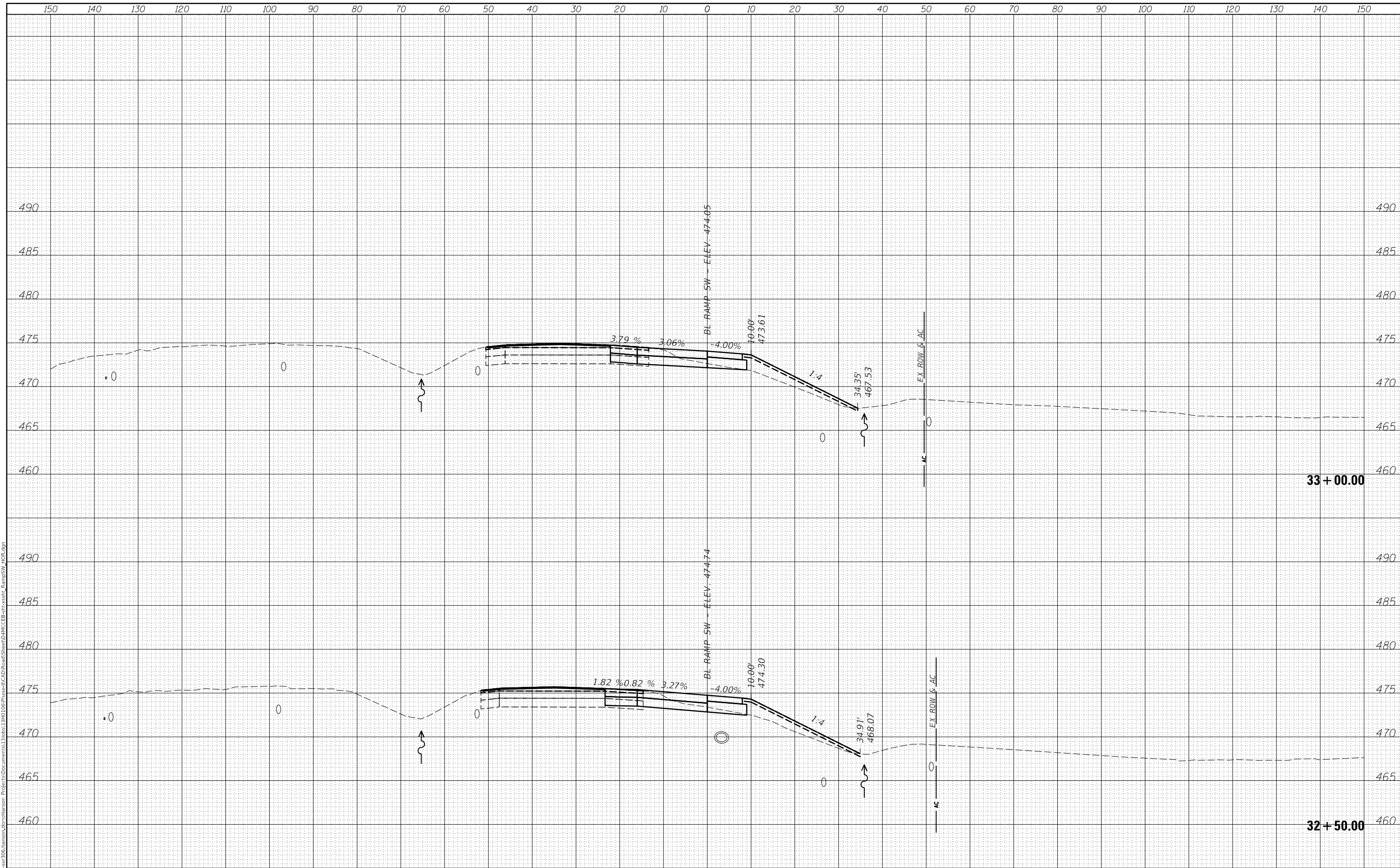
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 31+50.00 TO STA. 32+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;[(102-1),(14HB)]]BR]BR	TAZEWELL	1361	846
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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	

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PLOT SCALE =	20.00' / in.	CHECKED -	RLH	REVISED -	
PLOT DATE =	11/16/2018	DATE -	6/15/2018	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

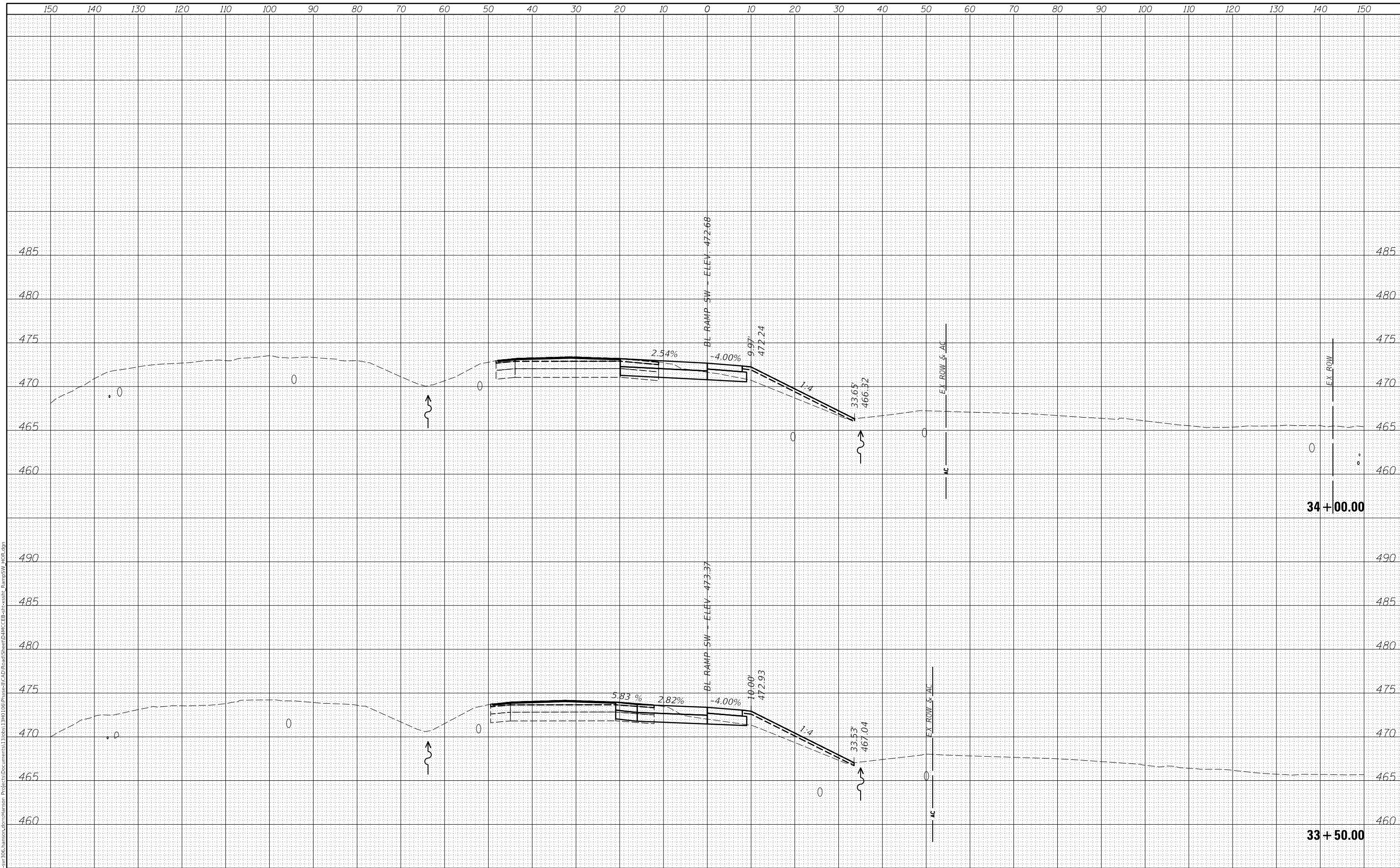
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))]BR BR	TAZEWELL	1361	847
CONTRACT NO. 68B46				
SCALE:		SHEET OF SHEETS	STA. 32+50.00 TO STA. 33+00.00	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)

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

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

FINAL SUBMITTAL
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		DRAWN -	JDS	REVISED -	
PLOT SCALE =	20.00' / in.	CHECKED -	RLH	REVISED -	
PLOT DATE =	11/16/2018	DATE -	6/15/2018	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

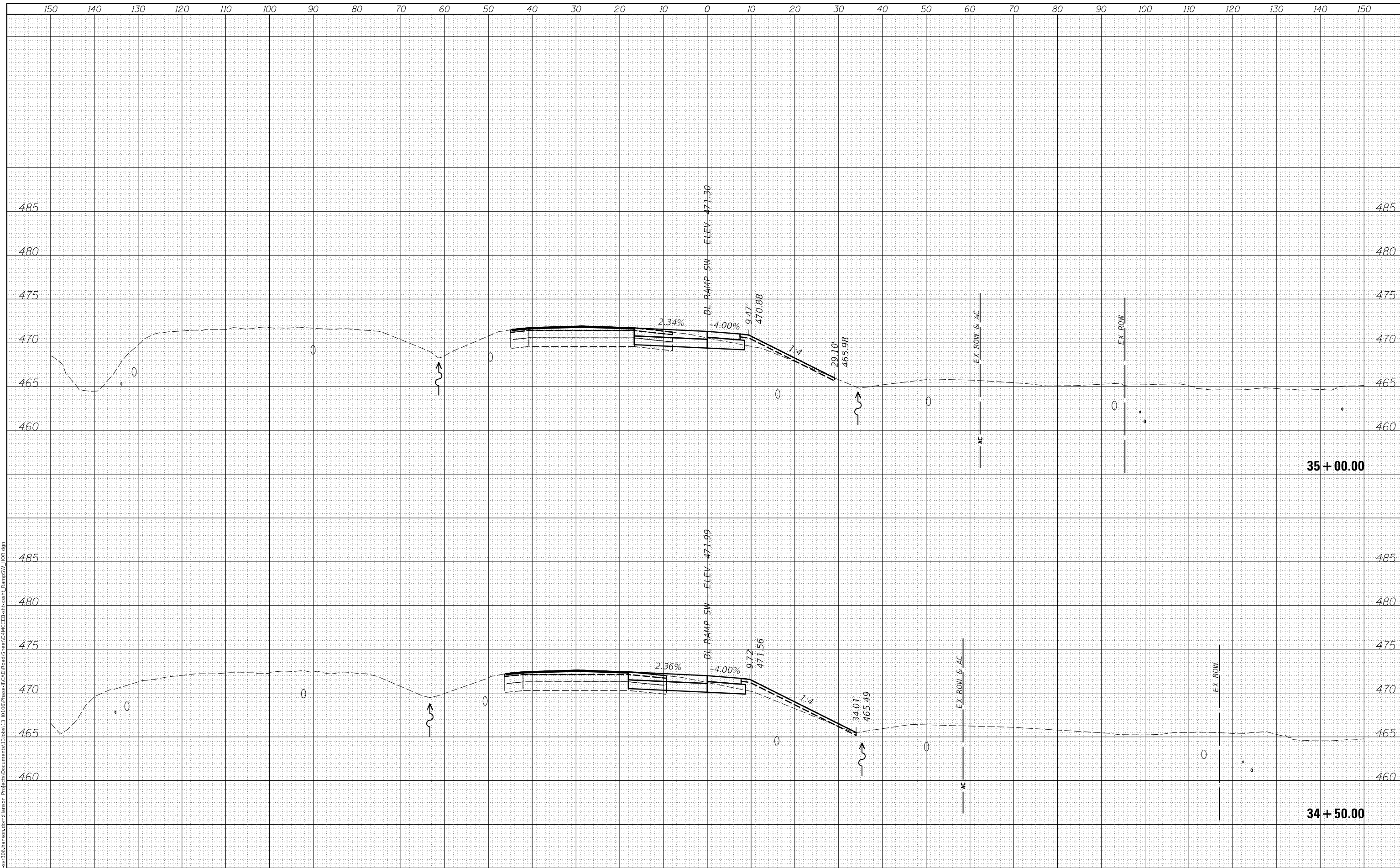
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	848
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

SCALE: SHEET OF SHEETS STA. 33+50.00 TO STA. 34+00.00

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

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

FINAL SUBMITTAL
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USER NAME = sh1pp01364	DESIGNED - JDS	REVISED -
	DRAWN - JDS	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - RLH	REVISED -
PLOT DATE = 11/16/2018	DATE - 6/15/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

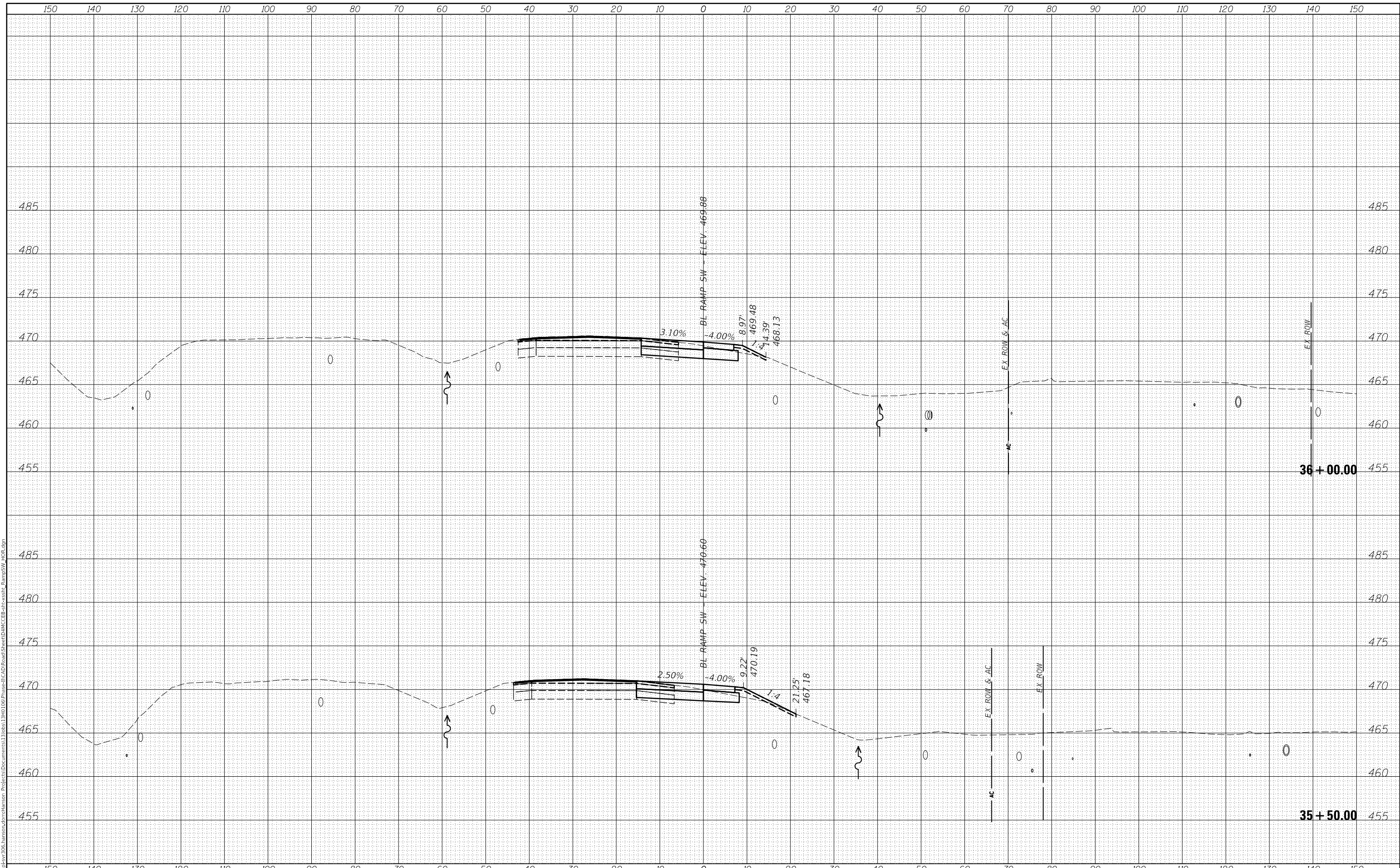
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	849
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

SCALE: SHEET OF SHEETS STA. 34+50.00 TO STA. 35+00.00

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

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

FINAL SUBMITTAL
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USER NAME = shlp01364	DESIGNED - JDS	REVISED -
	DRAWN - JDS	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - RLH	REVISED -
PLOT DATE = 11/16/2018	DATE - 6/15/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 35+50.00 TO STA. 36+00.00

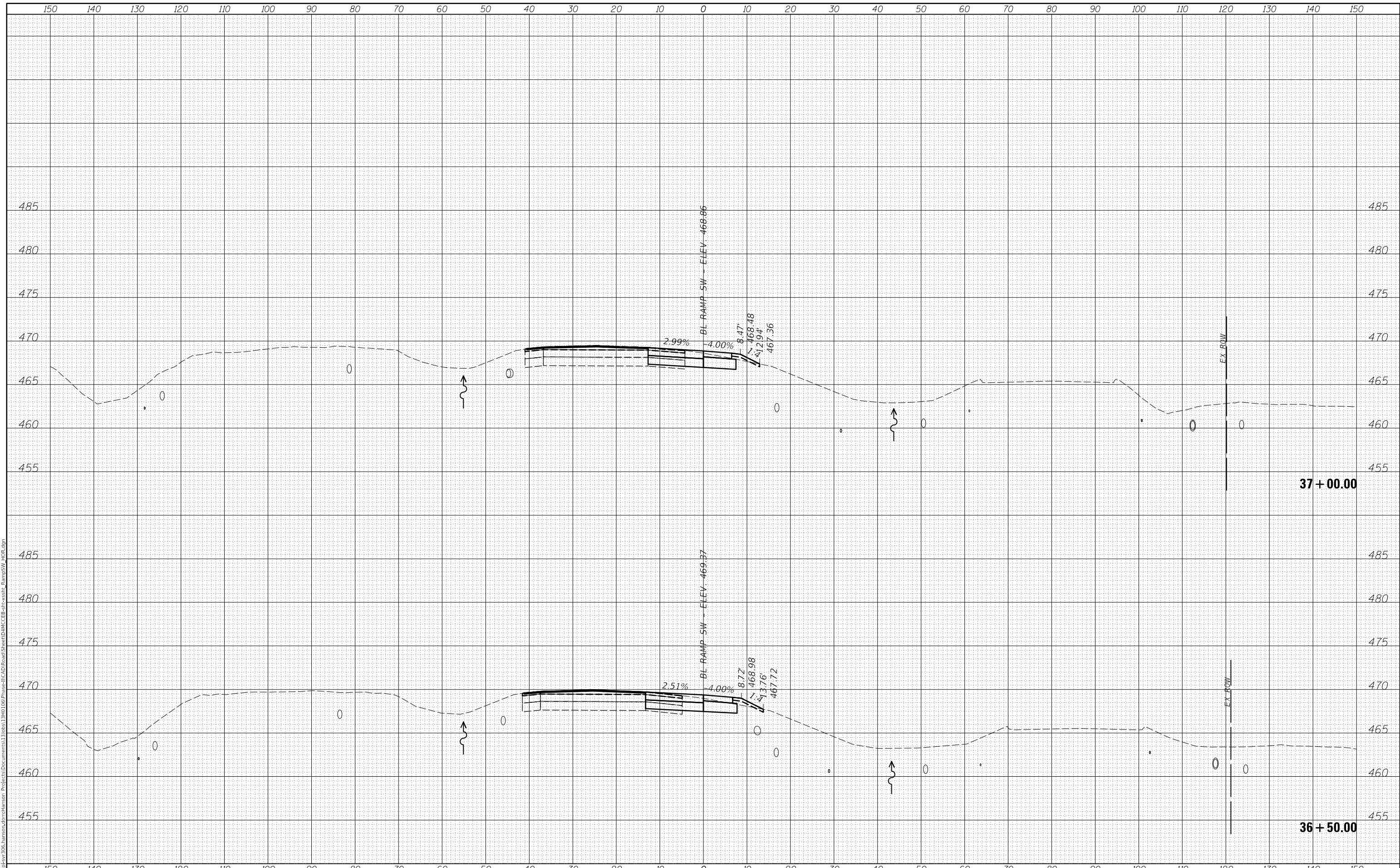
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	850
CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT NHPP-YRP3(905)

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

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

FINAL SUBMITTAL
 MODEL: XS_SHEET_Temporary_model_name_28
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USER NAME = sh1pp01364	DESIGNED - JDS	REVISED -
	DRAWN - JDS	REVISED -
PLOT SCALE = 20.00' / in.	CHECKED - RLH	REVISED -
PLOT DATE = 11/16/2018	DATE - 6/15/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 36+50.00 TO STA. 37+00.00

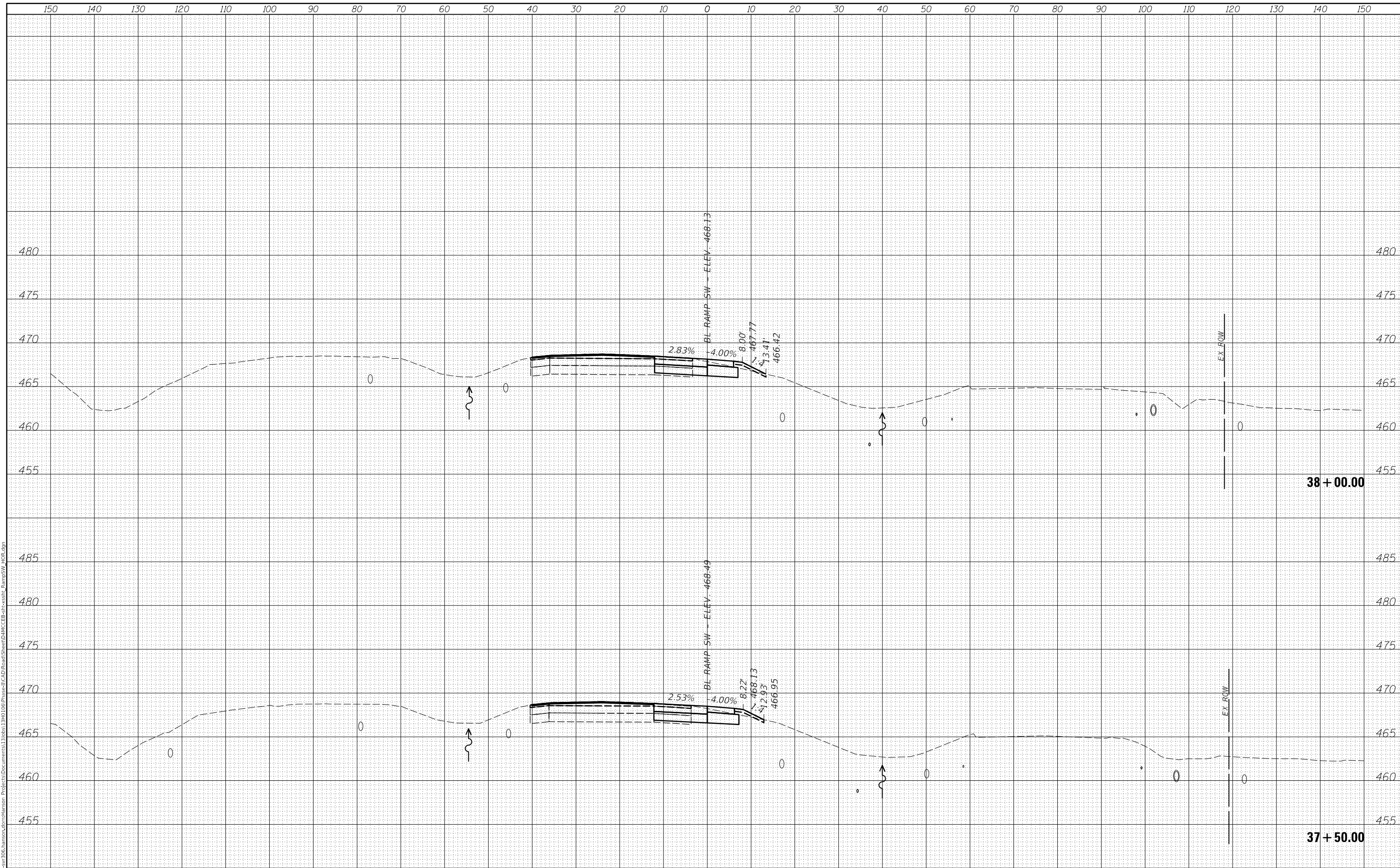
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	851
CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT NHPP-YRP3(905)

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	

FINAL SUBMITTAL
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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

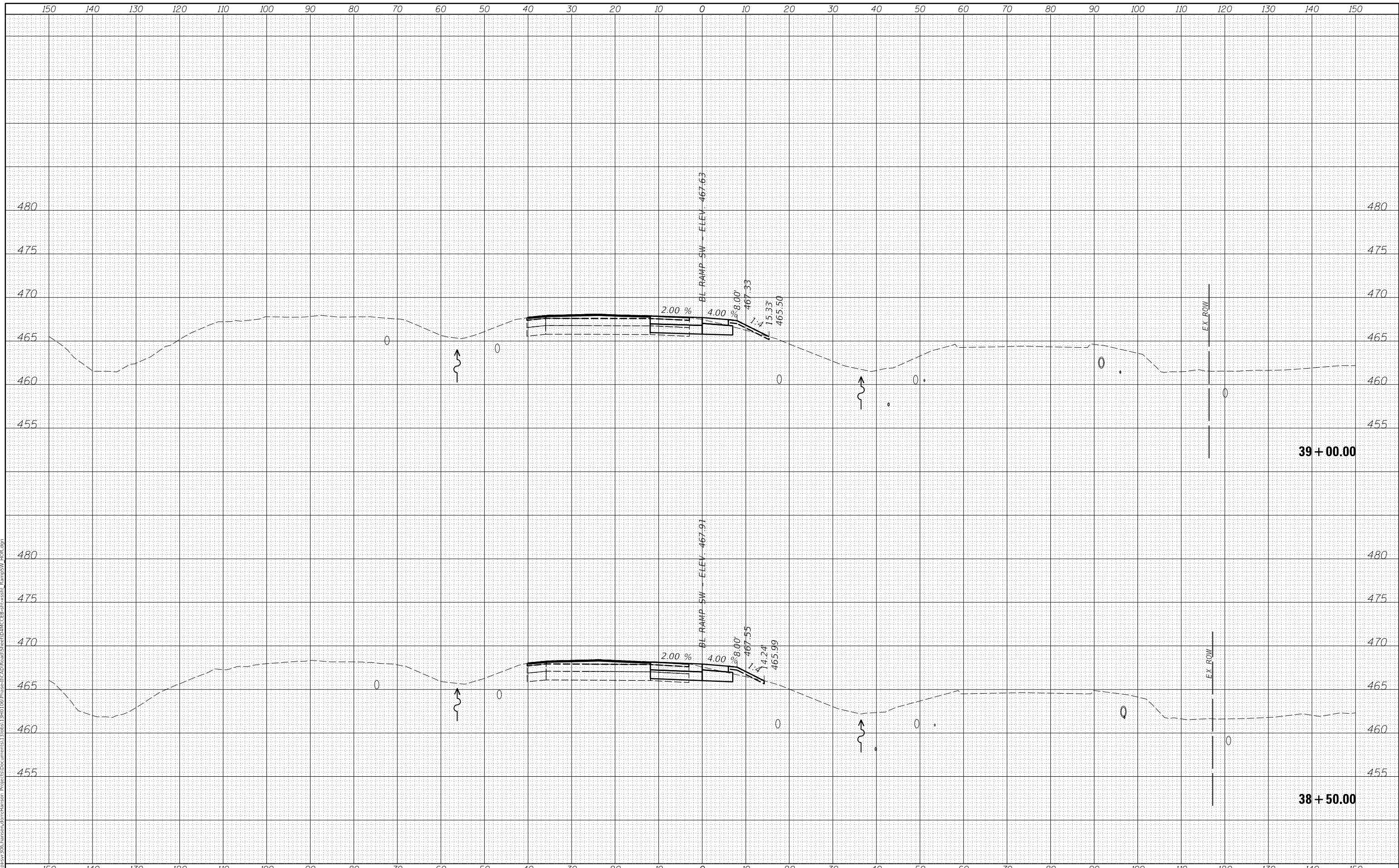
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 37+50.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	852
			CONTRACT NO. 68B46	
ILLINOIS FED. AID PROJECT			NHPP-YRP3(905)	

FINAL SURVEY NO.	SURVEYED AREAS	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE

FINAL SUBMITTAL
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USER NAME =	shlpp01364
DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	RLH
DATE -	6/15/2018
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/16/2018

DESIGNED -	JDS	REVISED -	
DRAWN -	JDS	REVISED -	
CHECKED -	RLH	REVISED -	
DATE -	6/15/2018	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

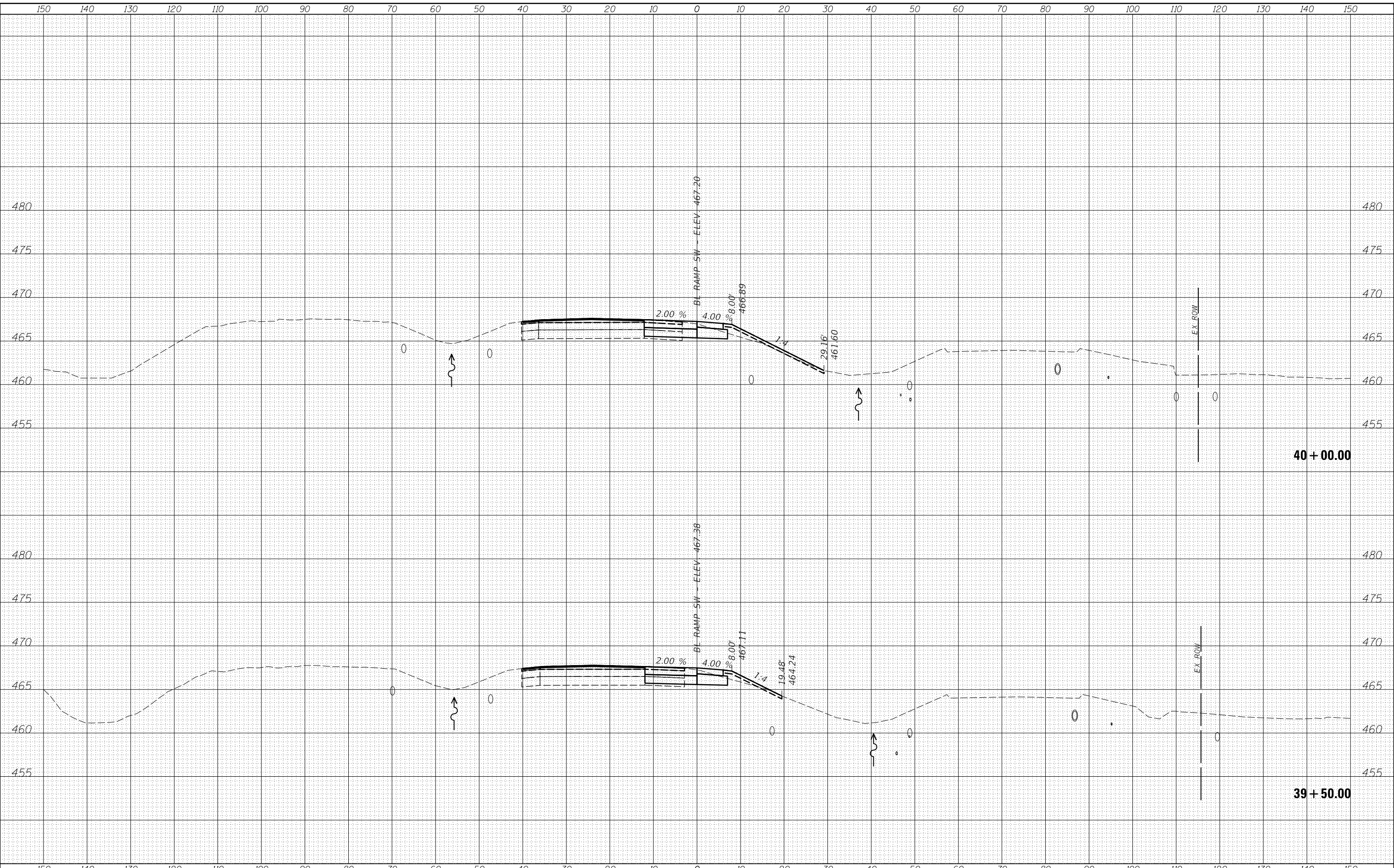
SCALE:	SHEET	OF	SHEETS	STA. 38+50.00	TO STA. 39+00.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	853
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

FINAL SUBMITTAL
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USER NAME =	shlpp01364
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/16/2018

DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	RLH
DATE -	6/15/2018

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

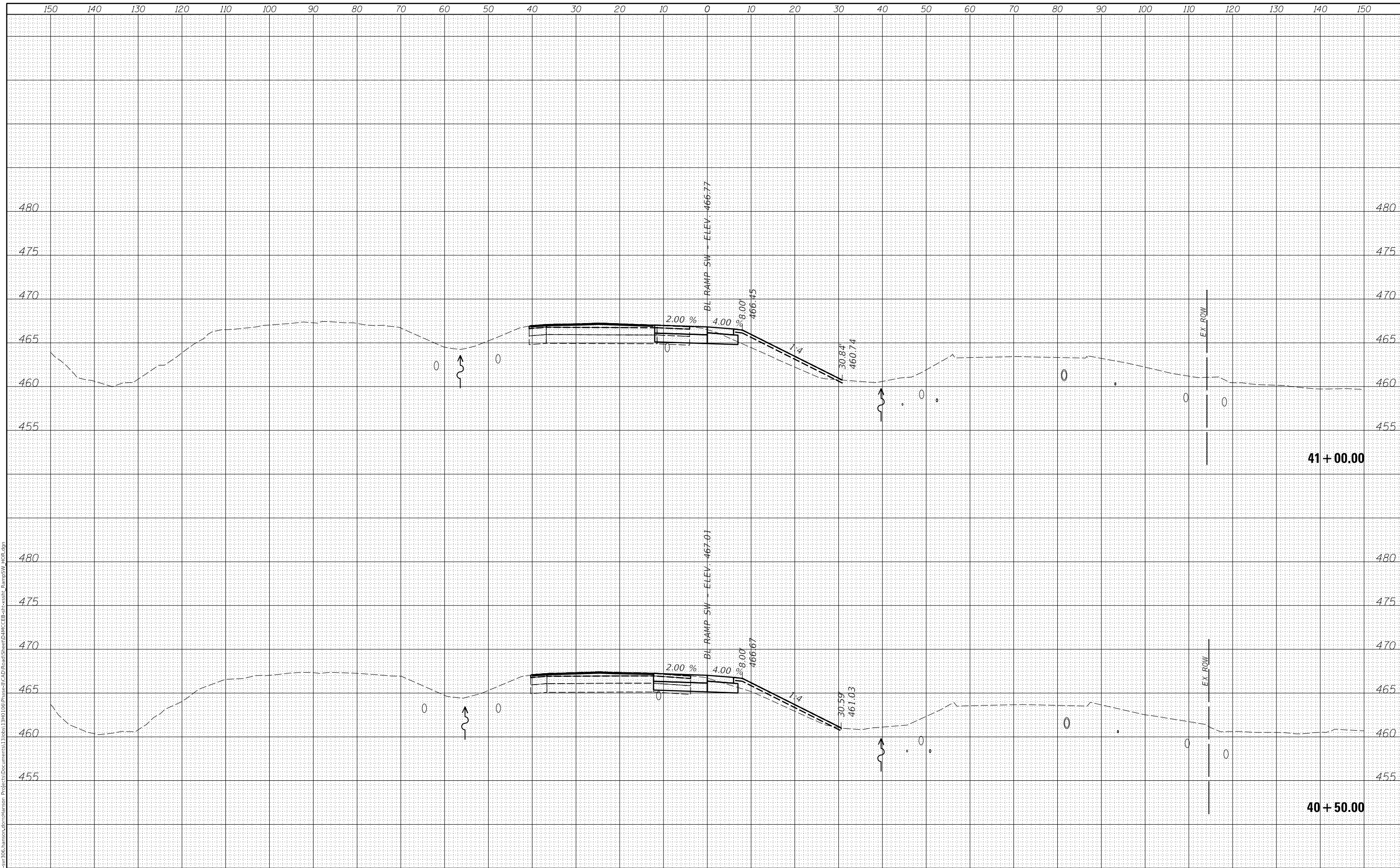
SCALE: SHEET OF SHEETS STA. 39+50.00 TO STA. 40+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	854
CONTRACT NO. 68B46				
ILLINOIS		FED. AID PROJECT	NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

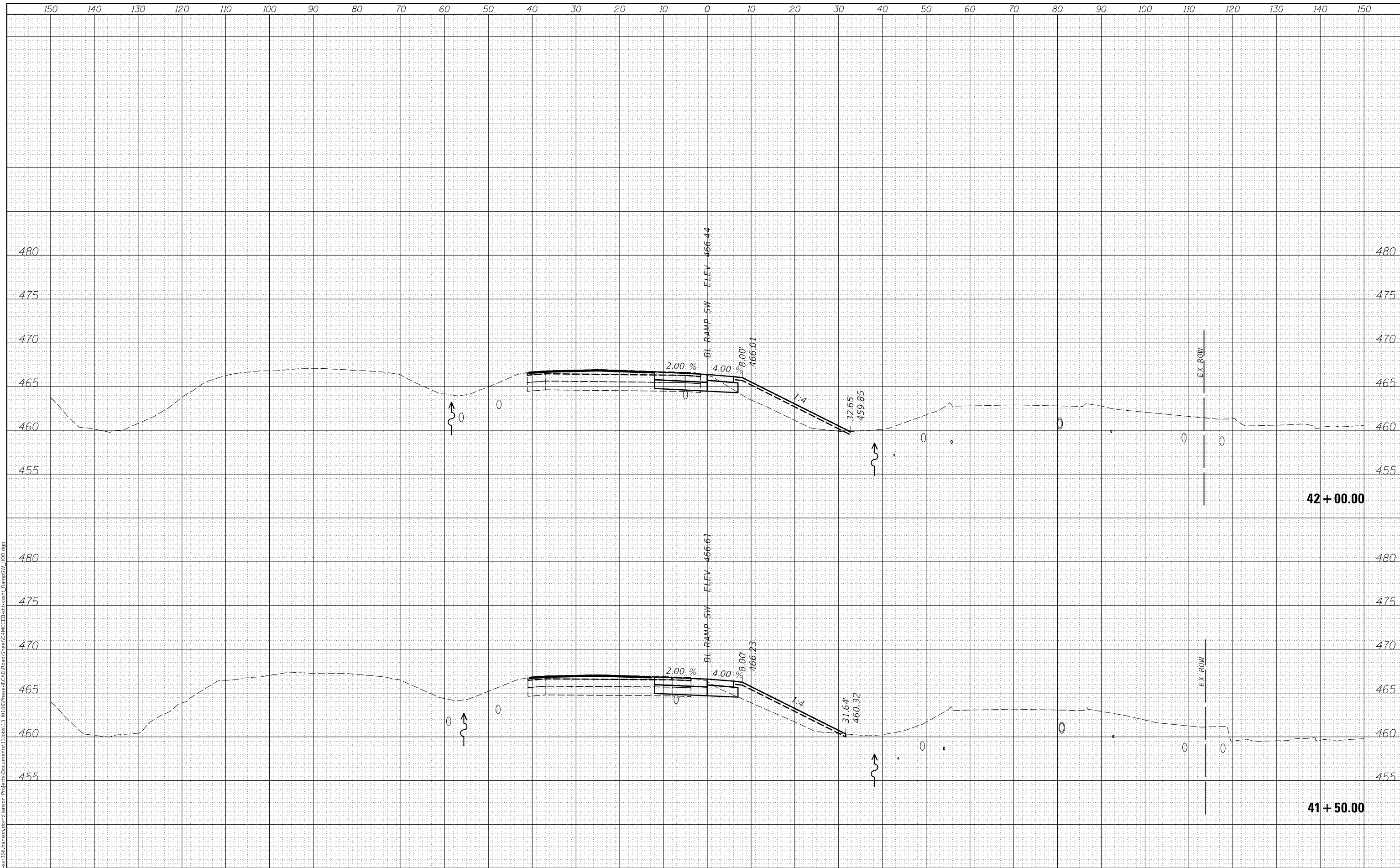
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 40+50.00 TO STA. 41+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	855
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

FINAL SURVEY NO.	SURVEYED AREAS	DATE
PLOTTED TEMPLATE AREAS CHECKED		

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

FINAL SUBMITTAL
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USER NAME =	shlpp01364
DESIGNED -	JDS
DRAWN -	JDS
CHECKED -	RLH
DATE -	6/15/2018
PLOT SCALE =	20.00' / in.
PLOT DATE =	11/16/2018

REVISIED -	
REVISIED -	
REVISIED -	
REVISIED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

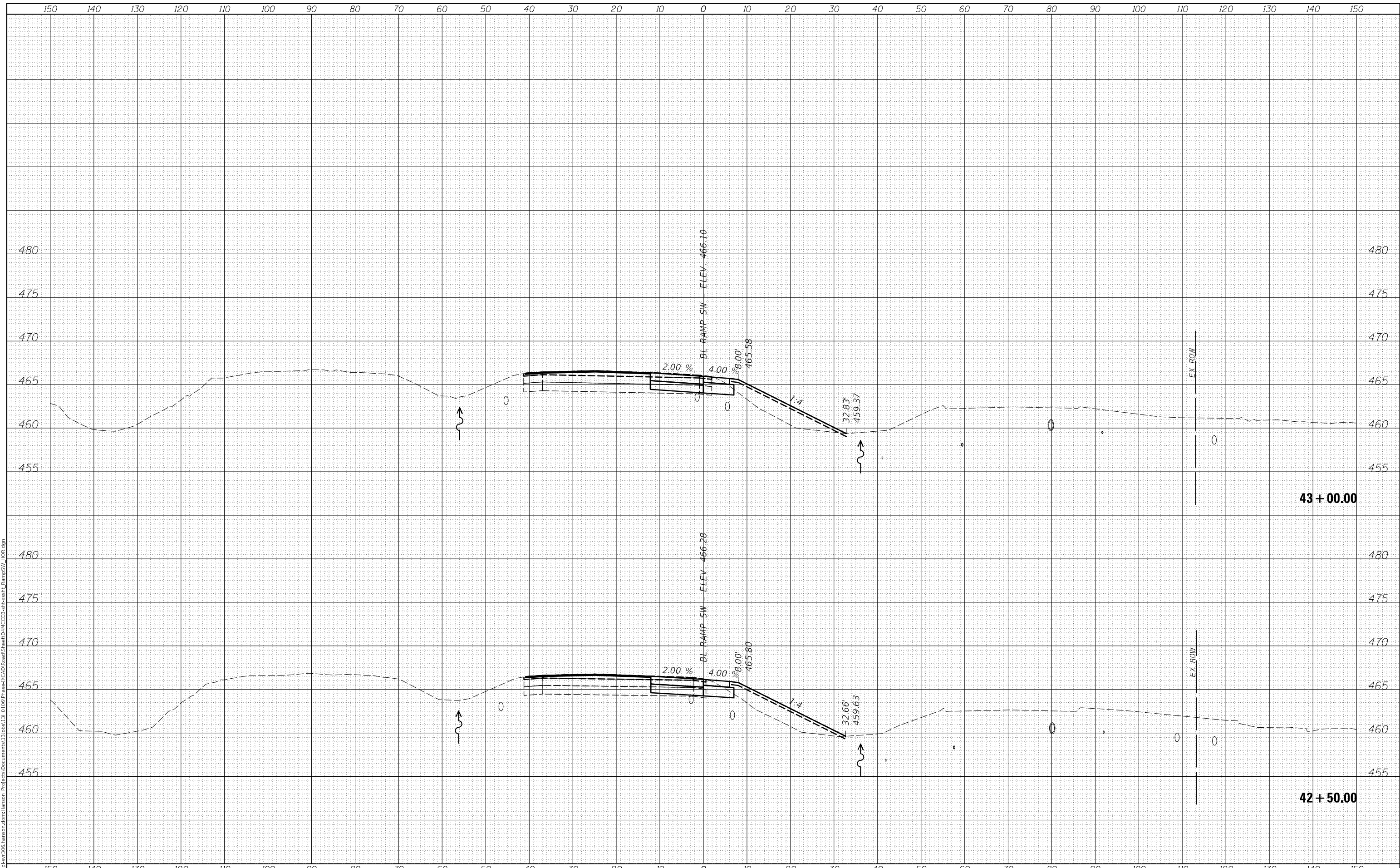
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	856
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

SCALE: SHEET OF SHEETS STA. 41+50.00 TO STA. 42+00.00

FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

FINAL SUBMITTAL
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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

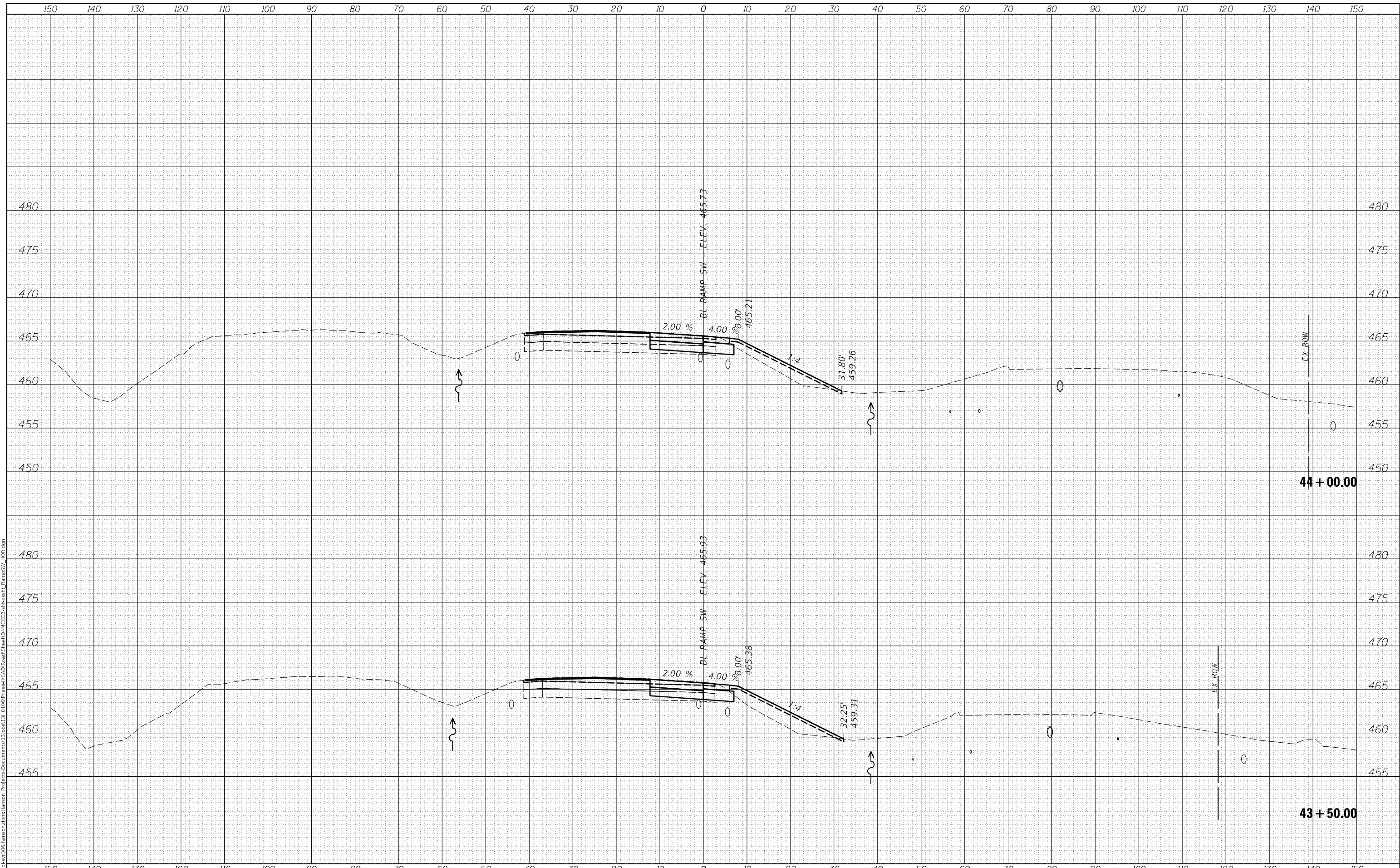
SCALE: SHEET OF SHEETS STA. 42+50.00 TO STA. 43+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	857
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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	

FINAL SUBMITTAL
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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

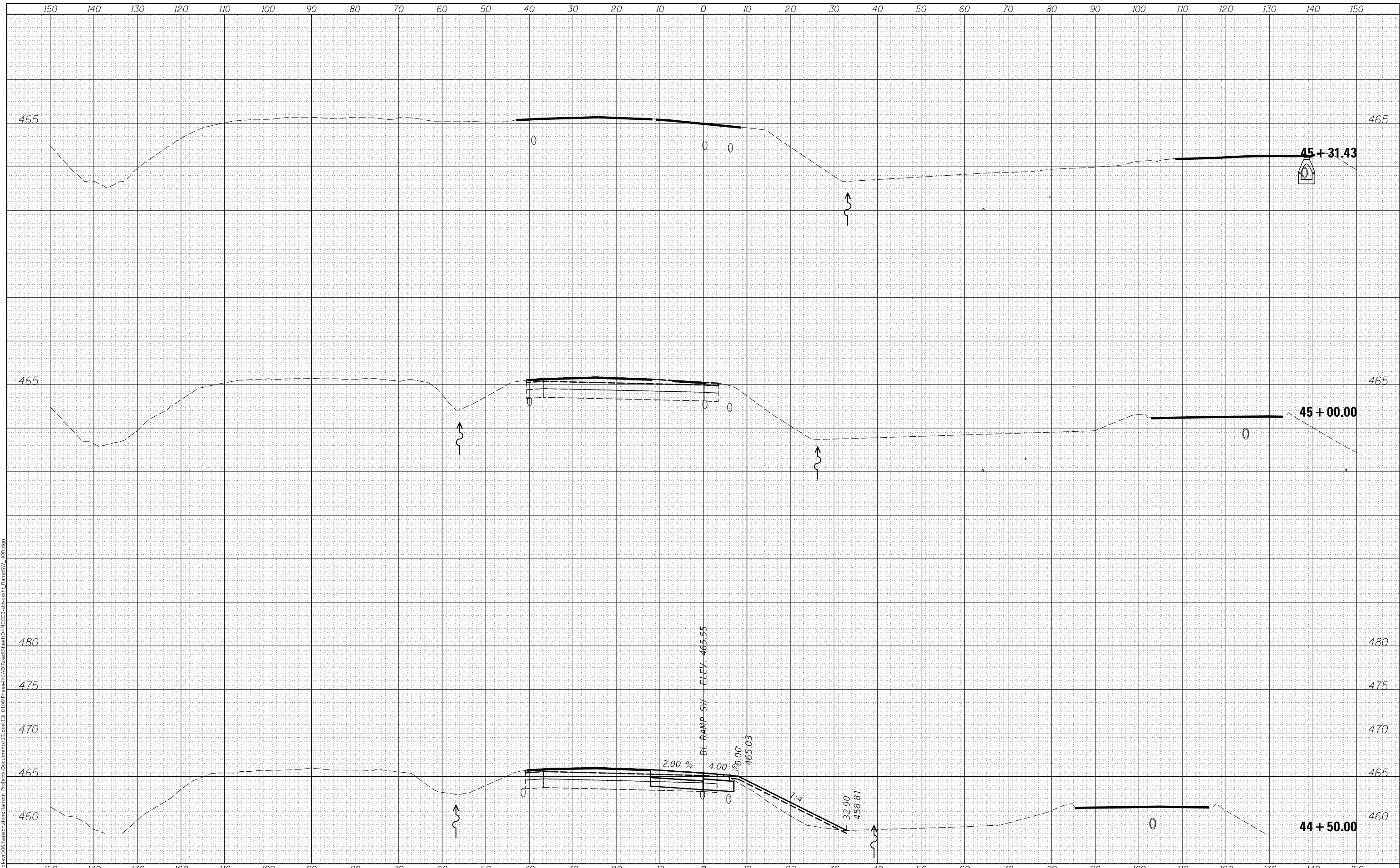
SCALE: SHEET OF SHEETS STA. 43+50.00 TO STA. 44+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	858
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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USER NAME = sh1pp01364
 PLOT SCALE = 20.00' / 1" = 11/16/2018

DESIGNED - JDS
 DRAWN - JDS
 CHECKED - RLH
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 RAMP SW CROSS SECTIONS

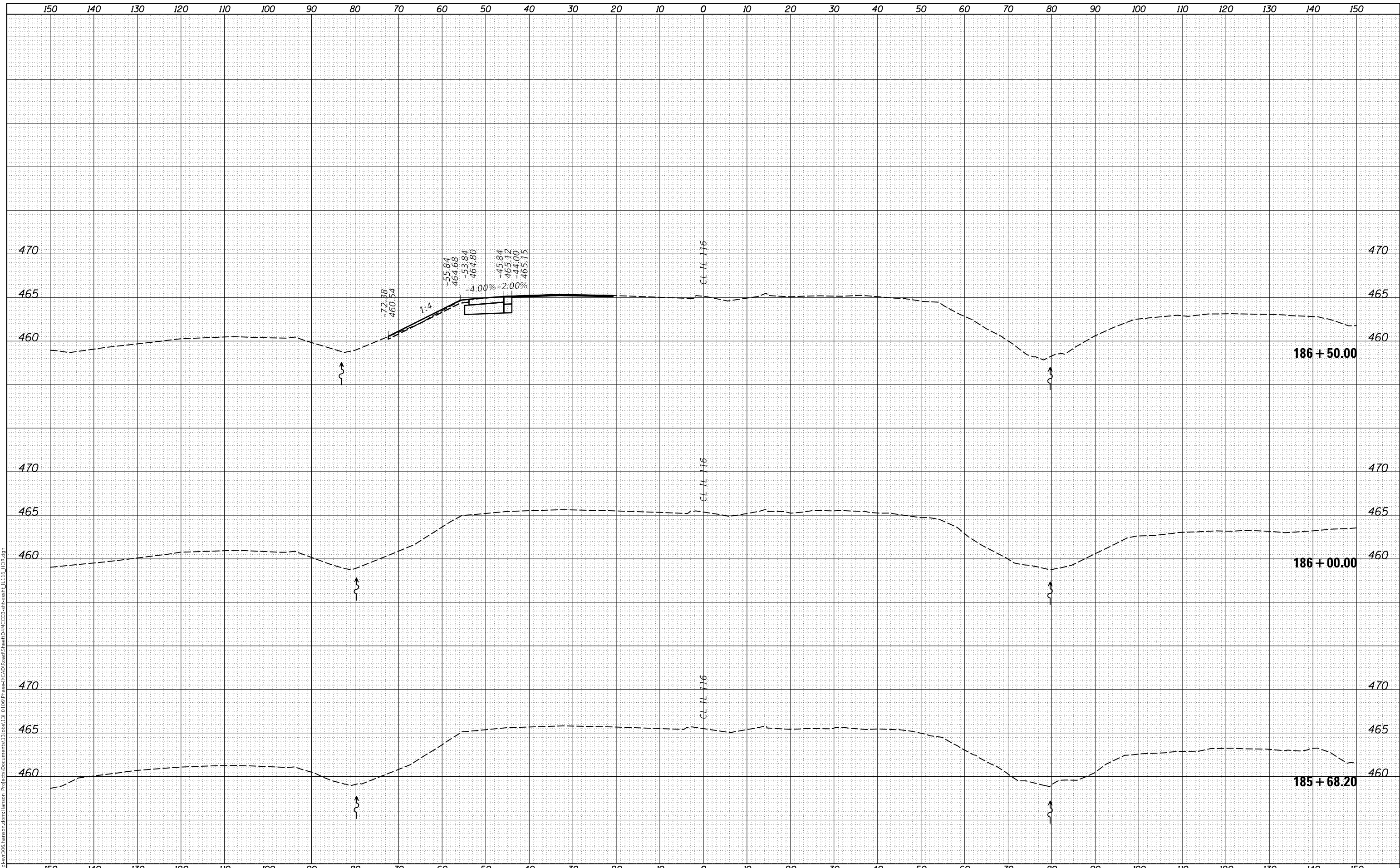
SCALE: SHEET OF SHEETS STA. 44+50.00 TO STA. 45+31.43

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	859
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

ORIGINAL SURVEY NO.	SURVEYED AREAS	DATE
NOTE BOOK	NOTED AREAS	
NO.	CHECKED AREAS	

FINAL SUBMITTAL
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USER NAME = shlp01364
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

DESIGNED - CAD
 DRAWN - JDS
 CHECKED -
 DATE - 6/15/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 IL 116 CROSS SECTIONS

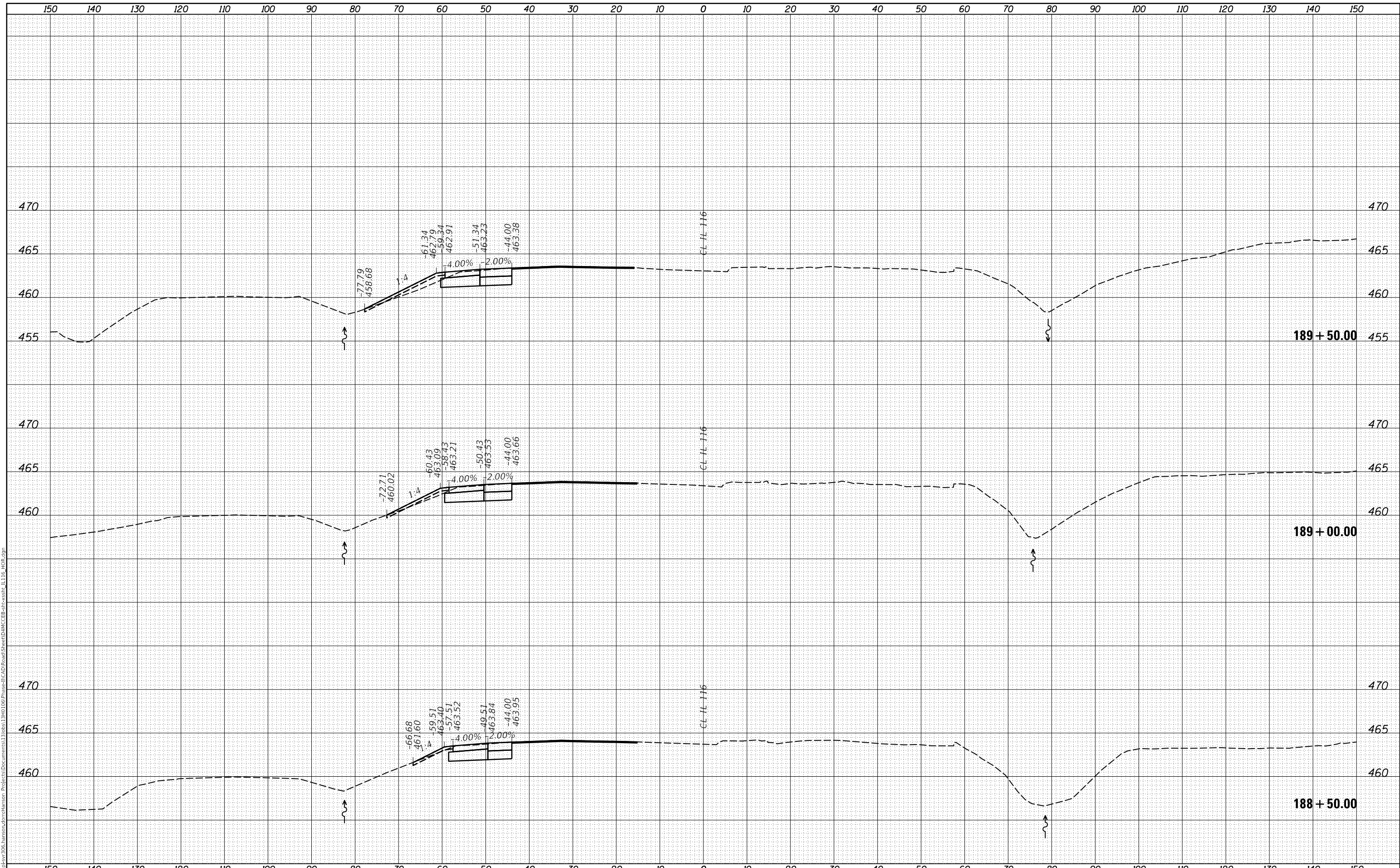
SCALE: SHEET OF SHEETS STA. 185+68.20 TO STA. 186+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	860
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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USER NAME =	shlpp01364
DESIGNED -	CAD
DRAWN -	JDS
CHECKED -	
DATE -	6/15/2018
REVISIONS	
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REVISED -	
REVISIONS	
REVISED -	

DESIGNED -	CAD
DRAWN -	JDS
CHECKED -	
DATE -	6/15/2018
REVISIONS	
REVISED -	
REVISIONS	
REVISED -	
REVISIONS	
REVISED -	
REVISIONS	
REVISED -	

DESIGNED -	CAD
DRAWN -	JDS
CHECKED -	
DATE -	6/15/2018
REVISIONS	
REVISED -	
REVISIONS	
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REVISIONS	
REVISED -	
REVISIONS	
REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

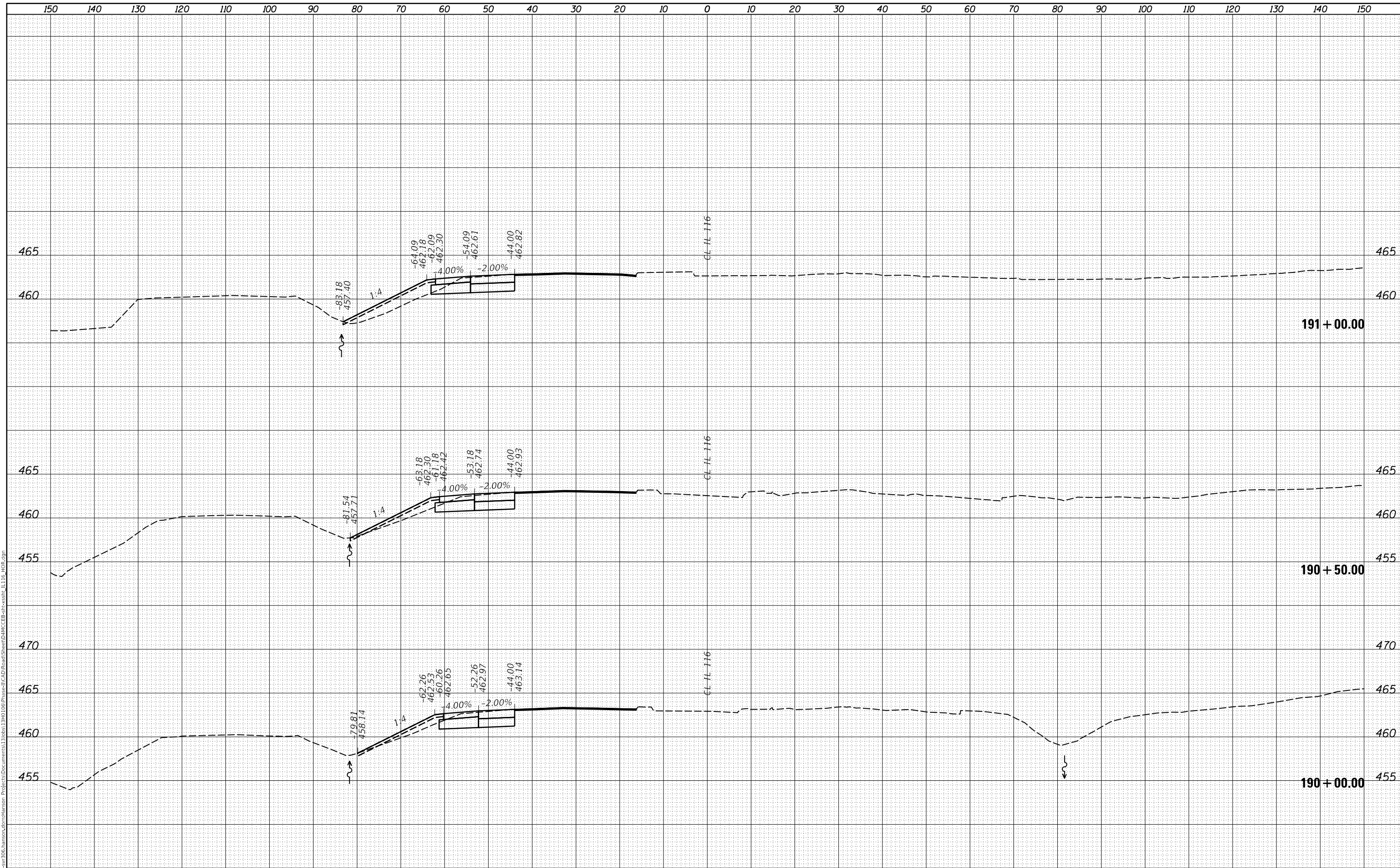
US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT	
IL 116 CROSS SECTIONS	
SCALE:	SHEET OF SHEETS STA. 188+50.00 TO STA. 189+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	862
CONTRACT NO. 68B46				
ILLINOIS		FED. AID PROJECT	NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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USER NAME = shlp01364
 DESIGNED - CAD
 DRAWN - JDS
 CHECKED -
 DATE - 6/15/2018

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCLUGAGE BRIDGE PROJECT
 IL 116 CROSS SECTIONS

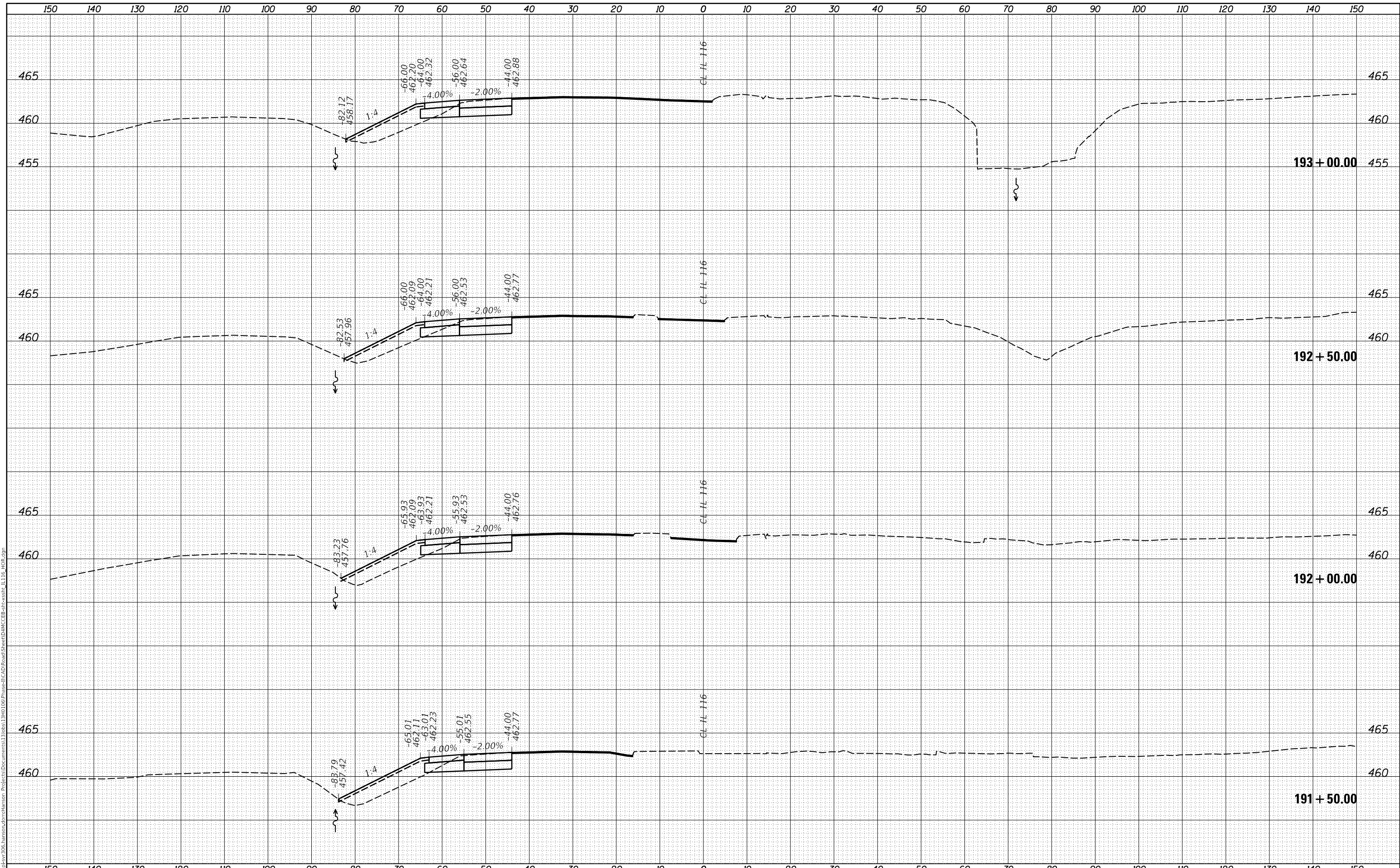
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	863
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPY-RP3(905)	

SCALE: SHEET OF SHEETS STA. 190+00.00 TO STA. 191+00.00

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

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

FINAL SUBMITTAL
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		DRAWN -	JDS	REVISED -	
PLOT SCALE =	20.00' / in.	CHECKED -		REVISED -	
PLOT DATE =	11/16/2018	DATE -	6/15/2018	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 IL 116 CROSS SECTIONS

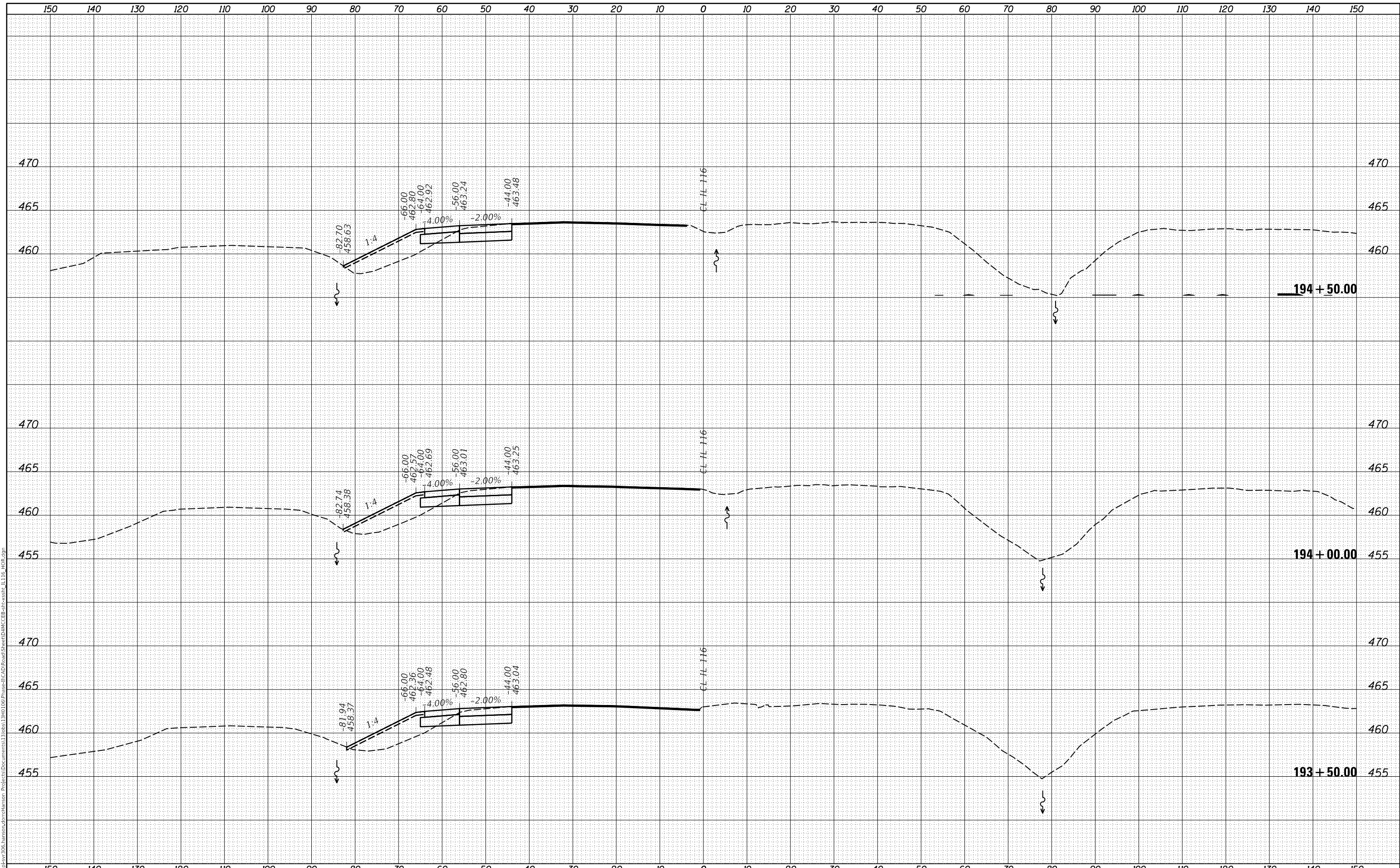
SCALE: SHEET OF SHEETS STA. 191+50.00 TO STA. 193+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	864
CONTRACT NO. 68B46				
ILLINOIS		FED. AID PROJECT	NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
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USER NAME = shlp01364
 DESIGNED - CAD
 DRAWN - JDS
 CHECKED -
 DATE - 6/15/2018
 PLOT SCALE = 20.00' / in.
 PLOT DATE = 11/16/2018

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCLUGAGE BRIDGE PROJECT
 IL 116 CROSS SECTIONS

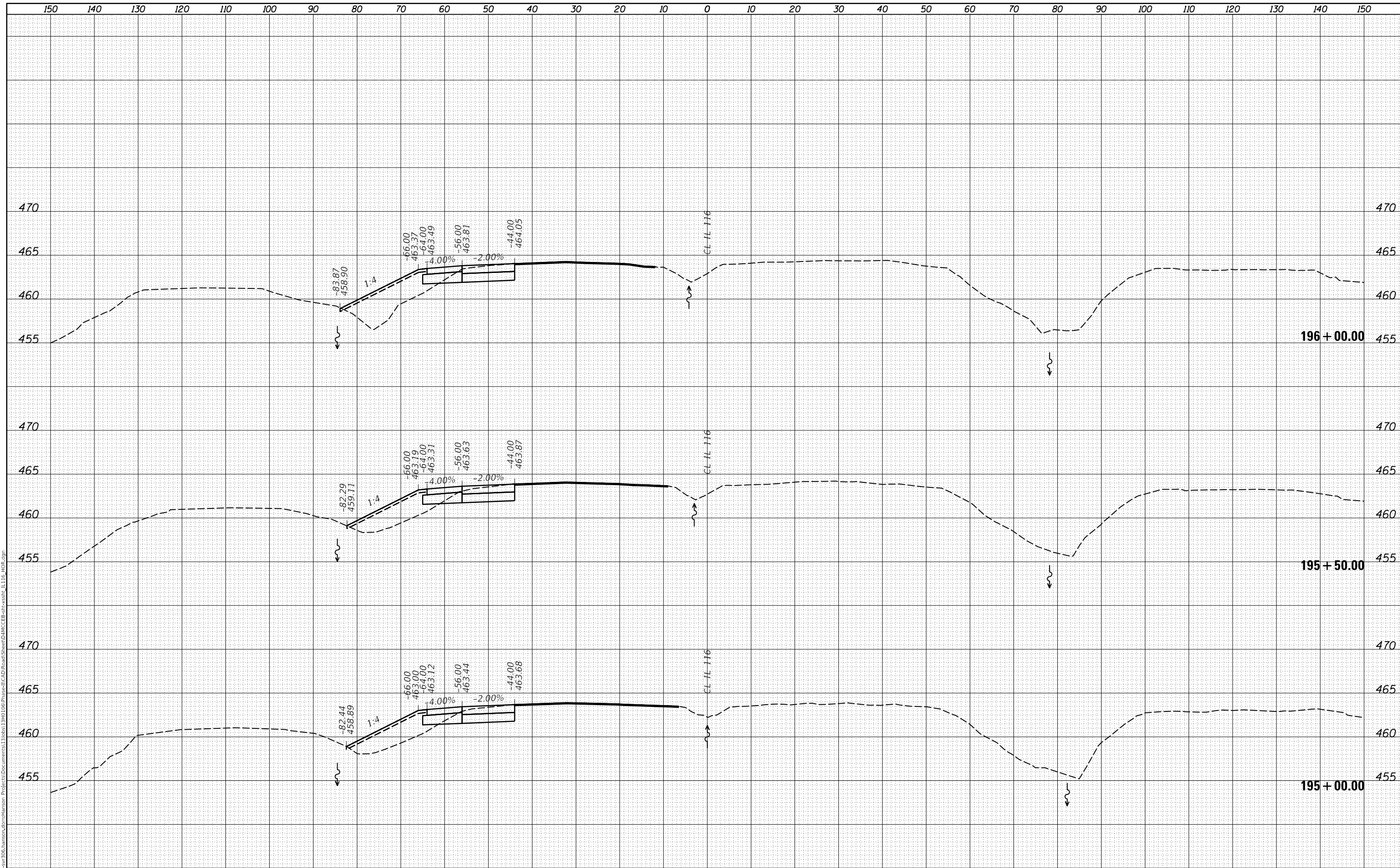
SCALE: SHEET OF SHEETS STA. 193+50.00 TO STA. 194+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	865
CONTRACT NO. 68B46			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

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	

FINAL SUBMITTAL
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USER NAME =	shipp01364	DESIGNED -	CAD	REVISED -	
		DRAWN -	JDS	REVISED -	
PLOT SCALE =	20.00' / in.	CHECKED -		REVISED -	
PLOT DATE =	11/16/2018	DATE -	6/15/2018	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 IL 116 CROSS SECTIONS

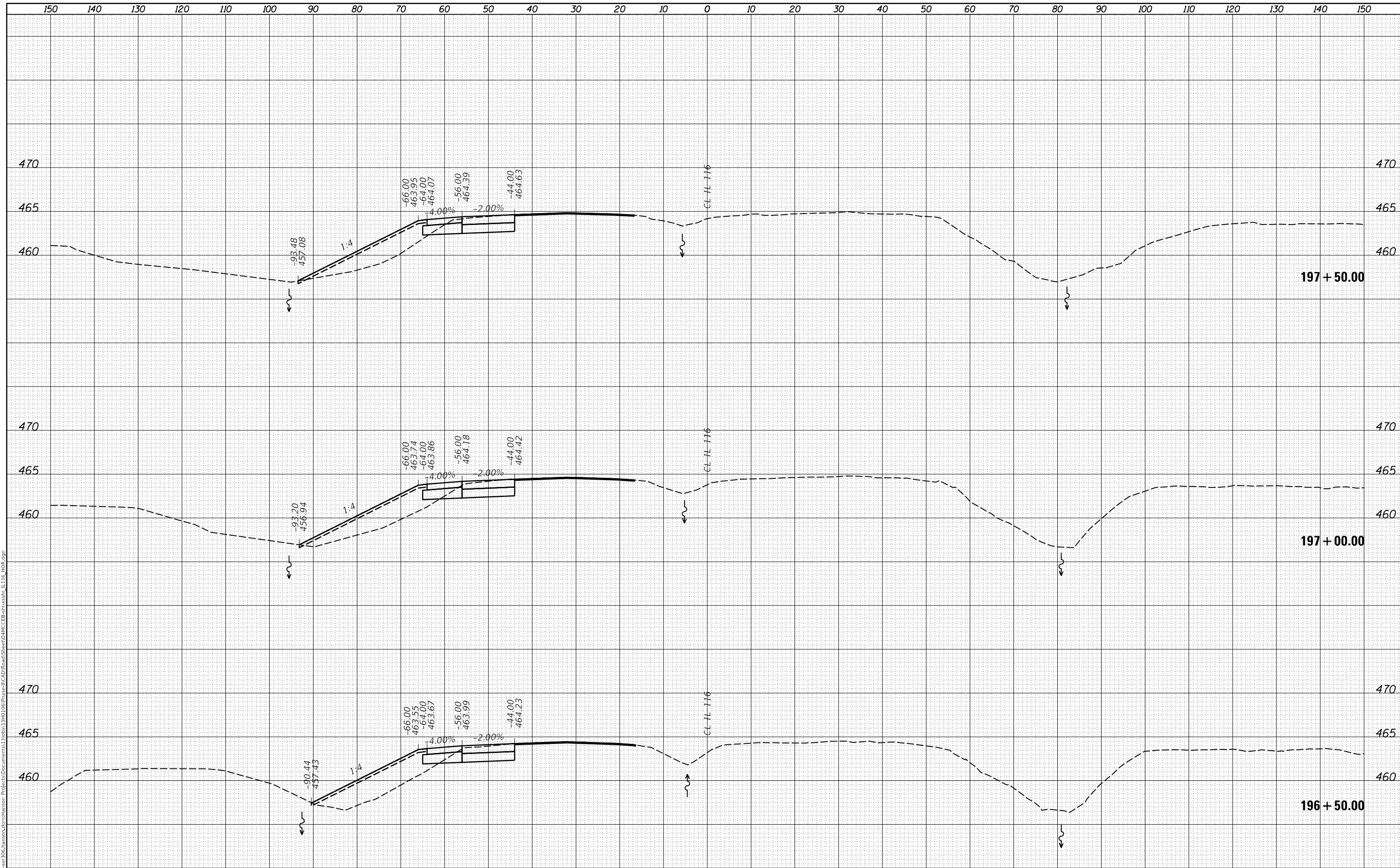
SCALE: SHEET OF SHEETS STA. 195+00.00 TO STA. 196+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	866
CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT			NHPP-YRP3(905)	

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

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

FINAL SUBMITTAL
 MODEL XS_SHEET_Temporary_model_name_b
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USER NAME = sh1pp01364
 DESIGNED - CAD
 DRAWN - JDS
 CHECKED -
 DATE - 6/15/2018

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCLUGAGE BRIDGE PROJECT
 IL 116 CROSS SECTIONS

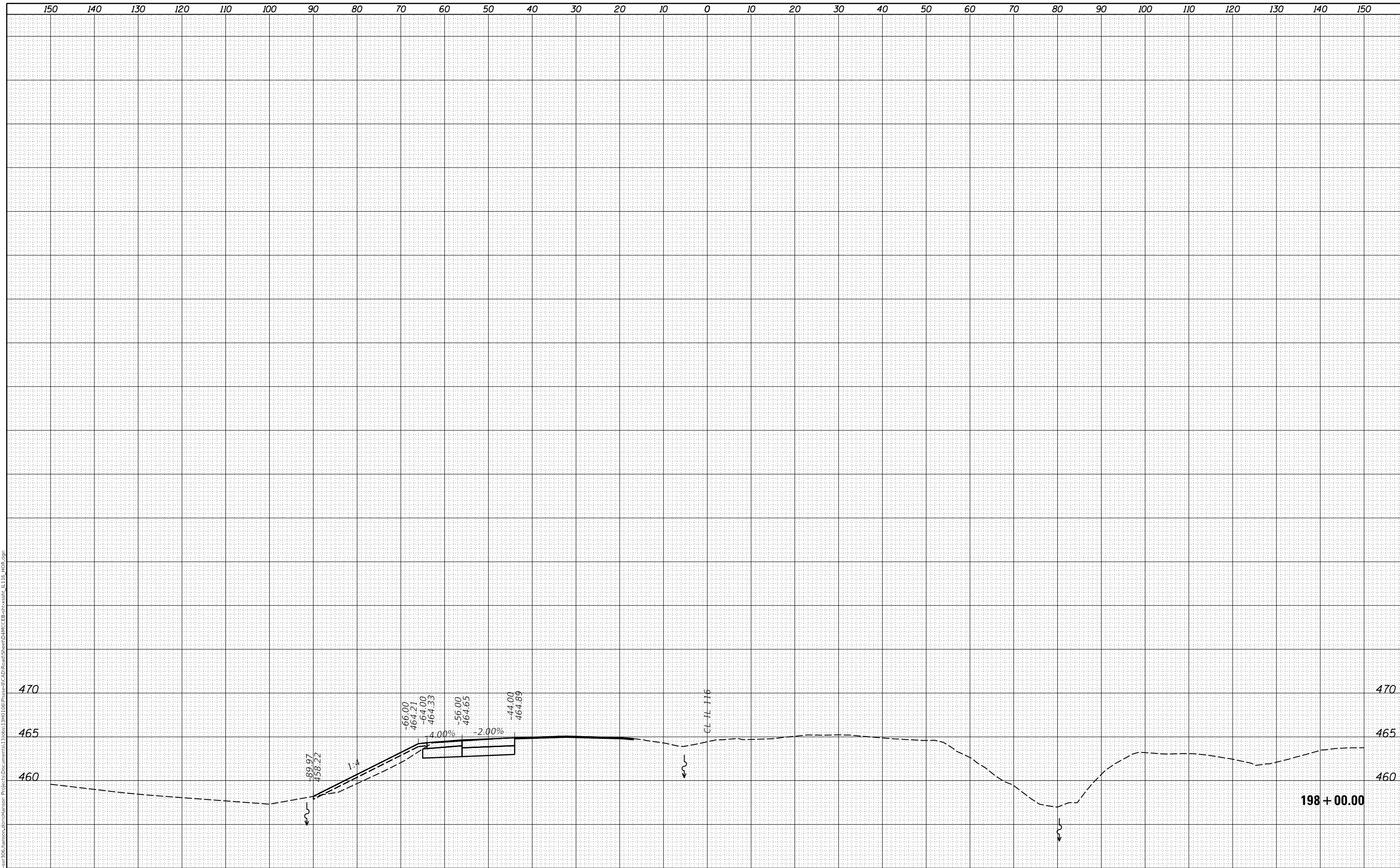
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	867
			CONTRACT NO. 68B46	
			ILLINOIS FED. AID PROJECT NHPP-YRP3(905)	

SCALE: SHEET OF SHEETS STA. 196+50.00 TO STA. 197+50.00

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	

FINAL SUBMITTAL
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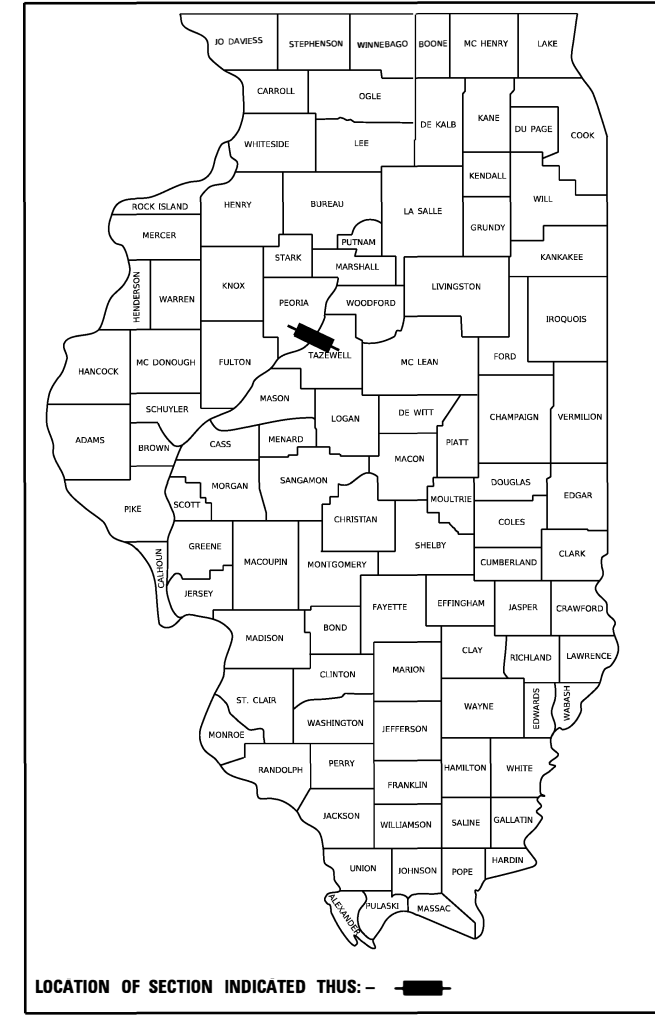
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND MCCLUGAGE BRIDGE PROJECT
 IL 116 CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;((102-1),(14HB))BR]BR	TAZEWELL	1361	868
CONTRACT NO. 68B46				
SCALE:		SHEET OF SHEETS	STA. 198+00.00 TO STA. 198+00.00	ILLINOIS FED. AID PROJECT NHPP-YRP3(905)

D-94-028-13



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

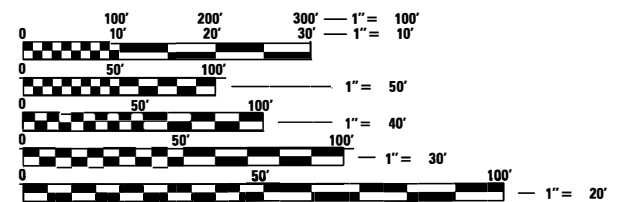
PROPOSED HIGHWAY PLANS

FAP ROUTE 317 AND FAP ROUTE 673
(EASTBOUND US 150 AND SOUTHBOUND IL 116)
SECTION (15B;[(102-1),(14HB)]BR)BR
PROJECT NHPP-YRP3(905)
BRIDGE REPLACEMENT OVER ILLINOIS RIVER
AND INTERCHANGE IMPROVEMENTS
PEORIA & TAZEWELL COUNTY

VOLUME 4 OF 5

C-94-052-13

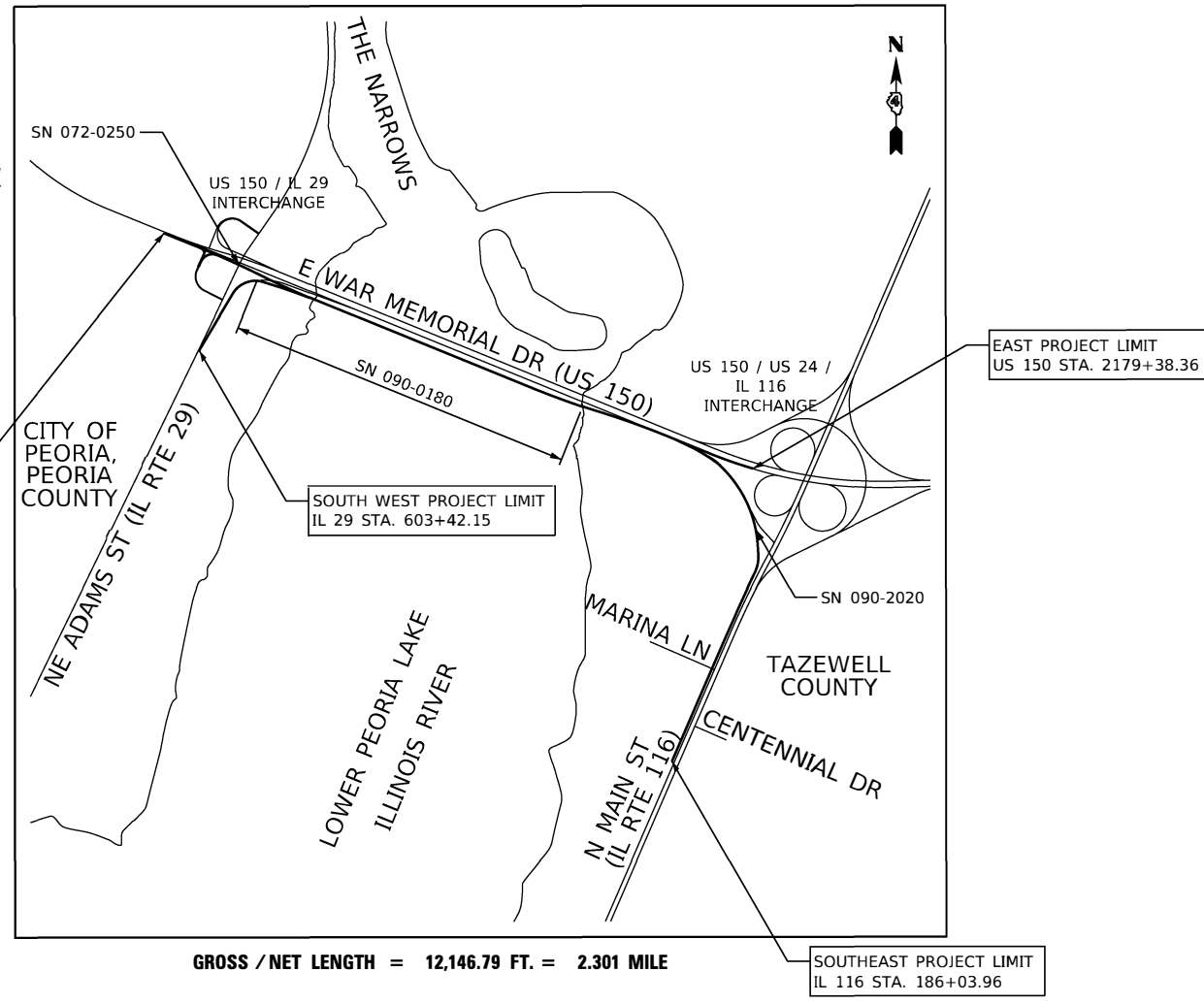
	US 150 (WEST SIDE)	UUS 150 (EAST SIDE)	IL 29	IL 116	RAMP A	RAMP B	RAMP E	RAMP SW
FUNCTIONAL CLASSIFICATION:	OTHER PRINCIPAL ARTERIAL	FREEWAY	OTHER PRINCIPAL ARTERIAL	OTHER PRINCIPAL ARTERIAL	RAMP	RAMP	RAMP	RAMP
DESIGN SPEED:	50	55	35	55	15	25	35	40
POSTED SPEED:	45	55	35	55	15	25	35	40
ADT:	41,500	41,500	22,800	28,500	3,300	1,600	4,450	5,780
SU:	1.9%	1.9%	2.7%	2.6%	1.8%	3.7%	2.5%	3.9%
MU:	0.7%	0.7%	2.1%	2.3%	2.1%	0.6%	0.8%	2.2%



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER - CHRISTOPHER MAUSHARD
PROJECT MANAGER - CHRISTOPHER MAUSHARD
PHONE: (309)671-3453
CONTRACT NO. 68B46
CATALOG NO. 034923-00D



GROSS / NET LENGTH = 12,146.79 FT. = 2.301 MILE

WORK ON THIS PROJECT WILL CONSIST OF:
ROADWAY WIDENING, RECONSTRUCTION AND RESURFACING,
BRIDGE REPLACEMENT, SAFETY IMPROVEMENTS, DRAINAGE
IMPROVEMENTS, BICYCLE AND PEDESTRIAN FACILITY
IMPROVEMENTS, ROADWAY SIGNING, PAVEMENT MARKING,
AND LANDSCAPING.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED _____ 20 _____

REGION THREE ENGINEER

20 _____

ENGINEER OF DESIGN AND ENVIRONMENT

20 _____

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS:

SHEET NO.	SHEET TITLE
	VOLUME 1
1	COVER SHEET
2	ENGINEERING SEALS
3	INDEX OF SHEETS, HIGHWAY STANDARDS
4 - 5	GENERAL NOTES AND COMMITMENTS
6	STATUS OF UTILITIES TO BE ADJUSTED
7 - 41	SUMMARY OF QUANTITIES
42 - 61	SCHEDULE OF QUANTITIES
62 - 64	EXISTING TYPICAL SECTIONS
65 - 69	PROPOSED TYPICAL SECTIONS
70 - 78	ALIGNMENT PLANS, BENCHMARKS, & SURVEY TIES
79 - 86	EXISTING CONDITIONS AND REMOVALS
87 - 94	PROPOSED ROADWAY PLANS
95 - 107	PROPOSED PROFILES
108 - 284	MAINTENANCE OF TRAFFIC
	VOLUME 2
285	COVER SHEET
286	INDEX OF SHEETS
287 - 472	MAINTENANCE OF TRAFFIC (CONTINUED)
473 - 489	EROSION CONTROL - GENERAL NOTES, PLANS, & DETAILS
490 - 497	DRAINAGE - EXISTING DRAINAGE AND UTILITY PLANS
498 - 510	DRAINAGE - PROPOSED PLANS, PROFILES
511	DRAINAGE - DETAILS
512 - 519	GRADING PLANS AND DETAILS
520 - 524	RIGHT-OF-WAY PLANS
525 - 529	PAVEMENT JOINTING AND ELEVATION PLANS
530 - 532	SIGNING SCHEDULES
533	PAVEMENT MARKING SCHEDULE
534 - 541	PAVEMENT MARKING AND SIGNING PLANS
542 - 552	SIGNING DETAILS - MAJOR/MINOR SIGN PANELS
553 - 565	OVERHEAD SIGN STRUCTURE DETAILS
566 - 569	BRIDGE MOUNTED SIGN STRUCTURE DETAILS
570 - 576	LANDSCAPING PLANS
	VOLUME 3
577	COVER SHEET
578	INDEX OF SHEETS
579 - 597	ITS PLANS AND DETAILS
598 - 600	TEMPORARY TRAFFIC SIGNAL PLANS
601 - 605	TRAFFIC SIGNAL PLANS - IL 116 AT CENTENNIAL DRIVE
606 - 607	TRAFFIC SIGNAL PLANS - IL 116 AT MARINA DRIVE
608 - 610	TRAFFIC SIGNAL PLANS - IL 29 AT RAMPS A&B
611 - 612	RECTANGULAR RAPID FLASH BEACON PLAN AND DETAILS
613 - 644	LIGHTING PLANS - EXISTING, PROPOSED, GENERAL NOTES AND DETAILS
	IDOT STATE STANDARDS
645 - 671	IDOT DISTRICT 4 DETAILS
672 - 675	INTERSECTION DETAILS
676 - 677	GORE DETAILS
678 - 679	MISCELLANEOUS DETAILS
680 - 693	PARKING LOT DETAILS
694 - 696	PCC PAVEMENT CONNECTOR DETAILS
697 - 699	SIDEWALK/JADA DETAILS
700	EMERGENCY RIVER ACCESS - PEORIA CO.
701	STAGED EMBANKMENT AND WICK DRAIN DETAILS
702 - 868	CROSS SECTIONS
	VOLUME 4
869	COVER SHEET
870	INDEX OF SHEETS
871 - 904	SN 072-0250 - US 150 EASTBOUND OVER IL 29
905 - 1121	SN 090-0180 - US 150 EASTBOUND OVER THE ILLINOIS RIVER
	VOLUME 5
1122	COVER SHEET
1123	INDEX OF SHEETS
1124 - 1354	SN 090-0180 - US 150 EASTBOUND OVER THE ILLINOIS RIVER (CONTINUED)
1355 - 1361	SN 090-2020 - CULVERT: RAMP SW OVER IL RIVER TRIBUTARY

FINAL SUBMITTAL

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	PLOT DATE = 12/12/2018	DATE - 11/28/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 150 EASTBOUND McCLUGAGE BRIDGE PROJECT
INDEX OF SHEETS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	[15B;{(102-1),(14HB)}BR]BR	PEO/TAZ	1361	870
CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT NHPP-YRP3(905)				

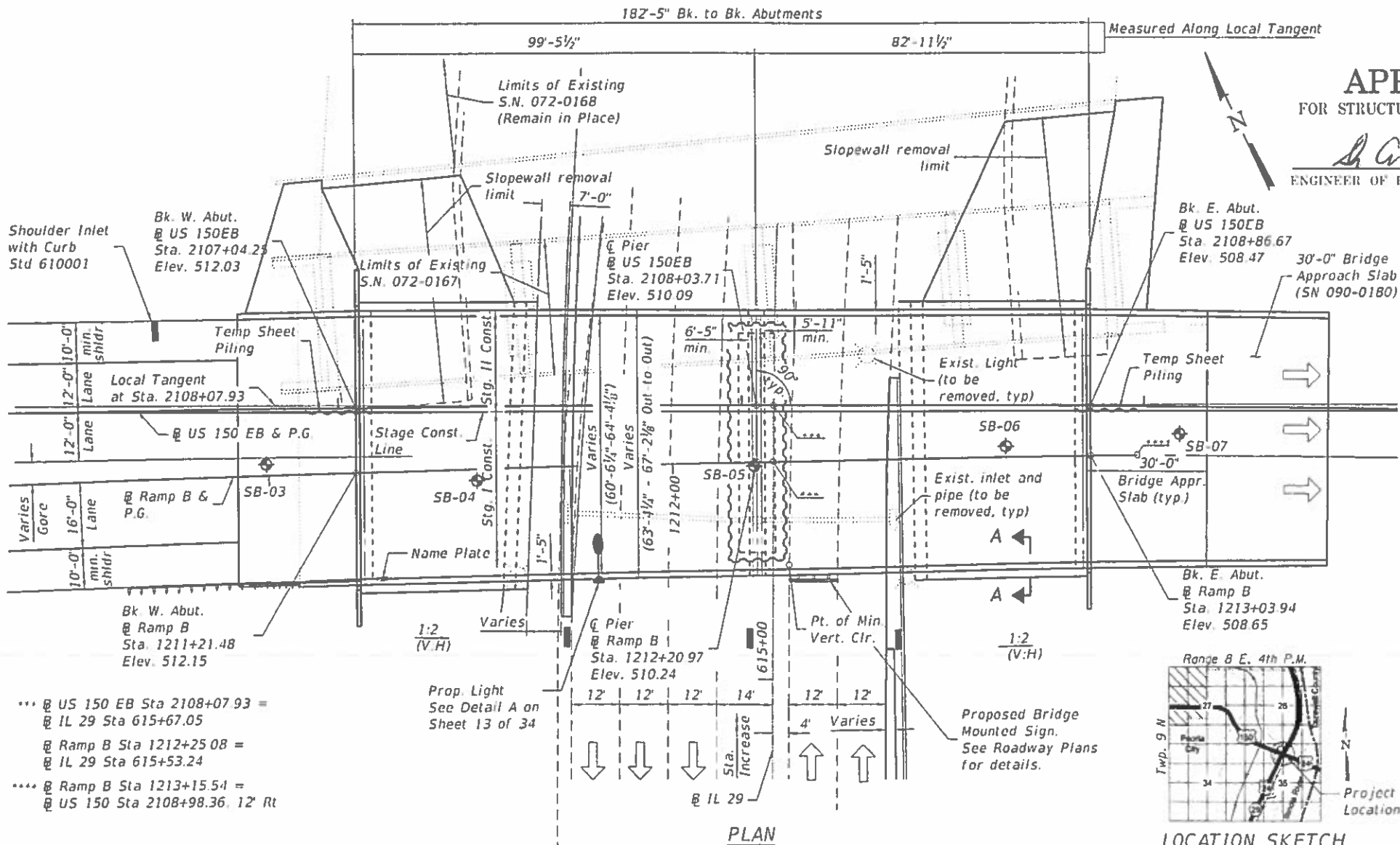
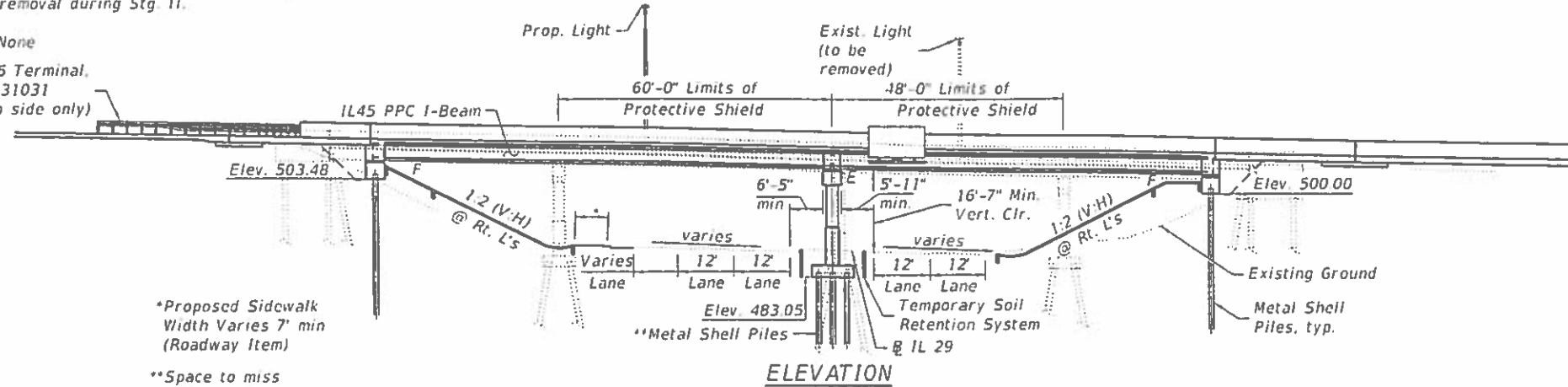
INDEX-01

Benchmark: BM 2516 - Chiseled "I" cut on top of the west end of the northerly concrete barrier wall on the west abutment of westbound bridge of E War Memorial Drive over NE Adams Street (IL-29) at the exit ramp to NE Adams Street (IL-29), Peoria, IL. Elev. 511.94.

Existing Structure: S.N. 072-0167 built in 1995 25 FAP 317, Sec. (14HB)BR at Sta. 608+06.00. The structure is a composite, four span continuous wide flange steel beam bridge. Span lengths are 48'-0"-60'-0"-48'-0"-39'-0" with no skew. Substructure elements consist of open, concrete abutments supported by concrete piles and multi-column, reinforced concrete piers on pile supported footings. The back-to-back of abutments measurement is approximately 199'-7" along the local tangent, out-to-out width is 33'-6". Traffic to be maintained on existing structure during Stg. I const. before complete removal during Stg. II.

Salvage: None

Type 6 Terminal,
Std. 631031
(South side only)



- *** @ US 150 EB Sta 2108+07.93 = IL 29 Sta 615+67.05
- *** @ Ramp B Sta 1212+25.08 = IL 29 Sta 615+53.24
- *** @ Ramp B Sta 1213+15.54 = US 150 Sta 2108+98.36, 12' Rt

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Sh. Carl Runge
ENGINEER OF BRIDGES AND STRUCTURES

INDEX OF SHEETS

- General Plan & Elevation
- General Data
- Footing Layout
- Stage Construction Details
- Stage Construction Details
- Temporary Concrete Barrier for Stage Construction
- Top of Slab Elevations
- Top of Slab Elevations
- Top of Slab Elevations
- Top of Approach Slab Elevations
- Superstructure
- Superstructure Details
- Superstructure Details
- Integral Abutment Diaphragm Details
- Pier Diaphragm Details
- West Bridge Approach Slab
- West Bridge Approach Slab
- East Bridge Approach Slab
- East Bridge Approach Slab
- Framing Plan
- IL45N Beam - Span 1
- IL45N Beam - Span 2
- IL45N Beam Details
- IL45N Beam Details
- Bearing Details
- West Abutment
- East Abutment
- Pier
- Pier Details
- Metal Shell Pile Details
- Bar Splicer Assembly and Mechanical Splicer Details
- Concrete Parapet Slipforming Option
- Subsurface Data Profile
- Subsurface Data Profile

DESIGN SPECIFICATIONS

2017 AASHTO LRFD Bridge Design Specifications, 8th Edition

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
f'c = 4,000 psi (Superstructure Concrete)
fy = 60,000 psi (Reinforcement)

PRECAST PRESTRESSED UNITS

f'c = 8,500 psi
f'ci = 7,000 psi
fpu = 270,000 psi (0.6"φ Low Lax Strands)
fpbt = 202,300 psi (0.6"φ Low Lax Strands)

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.11g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.18g
Soil Site Class = D

GENERAL PLAN & ELEVATION

US 150 (EB) OVER

IL 29 (ADAMS STREET)

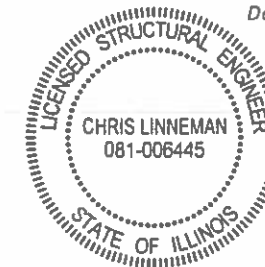
F.A.P. RTE. 317

SEC. (15B;{(102-1),(14HB)}BR)BR

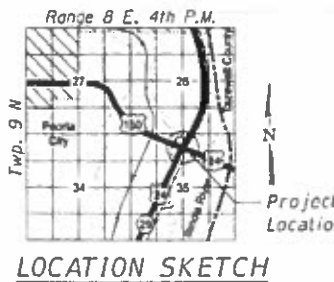
PEORIA COUNTY

STATION 2108+07.93

STRUCTURE NO. 072-0250



Signed: *[Signature]*
Date: 11/28/2018
License Expires: 11/30/2020



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EFK Moen
Civil Engineering Design

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DESIGNED	JSR
CHECKED	ACB
DRAWN	KAB
DATE	2/5/2019

REVISIONS	REVISIONS
CHECKED - ACB	REVISIONS
DRAWN - KAB	REVISIONS
CHECKED - ACB	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 072-0250

SHEET 1 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B;{(102-1),(14HB)}BR)BR	PEORIA	1381	871
CONTRACT NO. 68846				
ILLINOIS FED. AID PROJECT				

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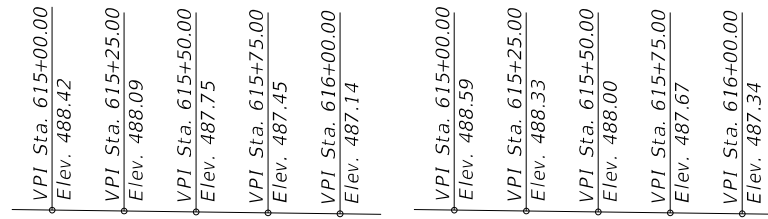
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 $\Delta = 4^\circ 11' 58''$ (RT)
 $D = 0^\circ 29' 54''$
 $R = 11,500.00'$
 $T = 421.63'$
 $L = 842.88'$
 $E = 7.73'$
 $e = N.C.$
 P.C. Sta. = 2102+57.91
 P.T. Sta. = 2111+00.79

CURVE DATA IL29

P.I. Sta. = 616+84.11
 $\Delta = 9^\circ 25' 56''$ (RT)
 $D = 3^\circ 51' 28''$
 $R = 1485.17'$
 $T = 122.52'$
 $L = 244.49'$
 $E = 5.05'$
 $e = 3.0\%$
 P.C. Sta. = 615+61.58
 P.T. Sta. = 618+06.08

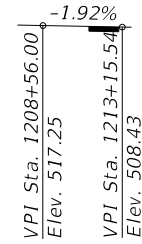
CURVE DATA RAMPB-3

P.I. Sta. = 1211+15.90
 $\Delta = 1^\circ 59' 27''$ (RT)
 $D = 0^\circ 29' 55''$ (RT)
 $R = 11,492.25'$
 $T = 199.68'$
 $L = 399.32'$
 $E = 1.73'$
 $e = N.C.$
 P.C. Sta. = 1209+16.22
 P.T. Sta. = 1213+15.54

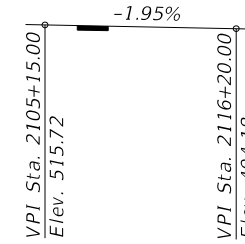


PROFILE GRADE
(along PG IL 29 NB)

PROFILE GRADE
(along PG IL 29 SB)



PROFILE GRADE
(@ Ramp B)



PROFILE GRADE
(@ US 150EB)

Perform Smoothness Grinding to bridge deck and approach slabs.
 Up to 1/4 inch may be ground off the bridge deck and the bridge approach slabs.
 The profile grade shows the final elevations after grinding.

TOTAL BILL OF MATERIAL

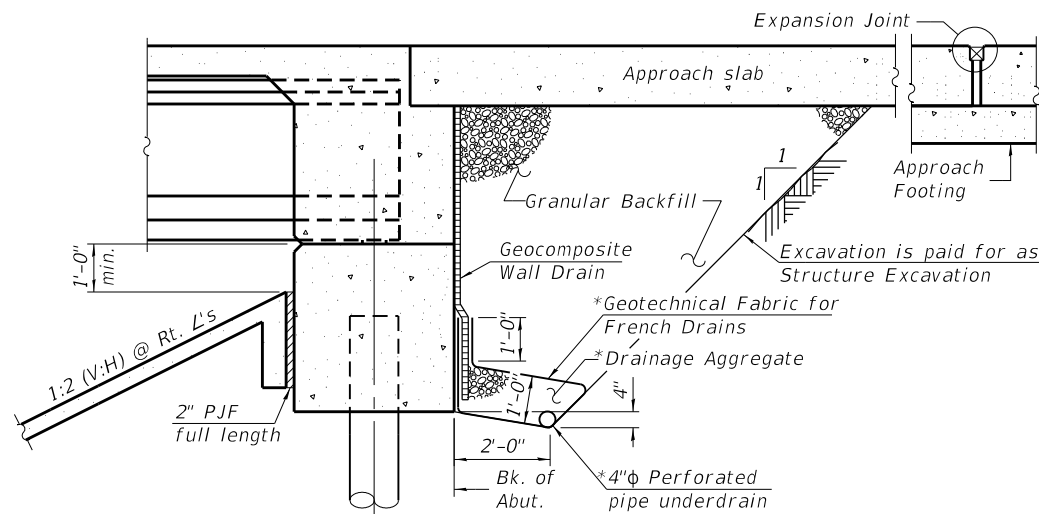
ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures No. 2	Each			1
Sloped Wall Removal	Sq. Yd.		170	170
Protective Shield	Sq. Yd.	402		402
Structure Excavation	Cu. Yd.		122	122
Concrete Structures	Cu. Yd.		248.5	248.5
Concrete Superstructure	Cu. Yd.	441.0		441.0
Protective Coat	Sq. Yd.	1,881		1,881
Concrete Superstructure (Approach Slab)	Cu. Yd.	184		184
Furnishing and Erecting Precast Prestressed Concrete Beams, IL 45N	Foot	1,430		1,430
Reinforcement Bars, Epoxy Coated	Pound	188,130	41,670	229,800
Bar Splicers	Each	916	66	982
Slope Wall 4 Inch	Sq. Yd.		1,020	1,020
Furnishing Metal Shell Piles 12" X 0.250"	Foot		806	806
Furnishing Metal Shell Piles 14" X 0.312"	Foot		1,020	1,020
Driving Piles	Foot		1,826	1,826
Test Pile Metal Shells	Each		3	3
Name Plates	Each	1		1
Elastomeric Bearing Assembly, Type I	Each		16	16
Anchor Bolts, 1"	Each		32	32
Temporary Sheet Piling	Sq. Ft.		438	438
Temporary Soil Retention System	Sq. Ft.		587	587
Concrete Sealer	Sq. Ft.		2,222.7	2,222.7
Geocomposite Wall Drain	Sq. Yd.		137	137
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	1,123		1,123
Granular Backfill for Structures	Cu. Yd.		198	198
Diamond Grinding (Bridge Section)	Sq. Yd.		1,559	1,559
Pipe Underdrains for Structures, 4"	Foot		186	186

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.
 The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
 Concrete Sealer shall be applied to the designated areas of the pier.
 Diamond grinding, deck grooving, and the application of the protective coat shall be completed prior to opening each stage to traffic.

IL 29 S.E. TRANSITION

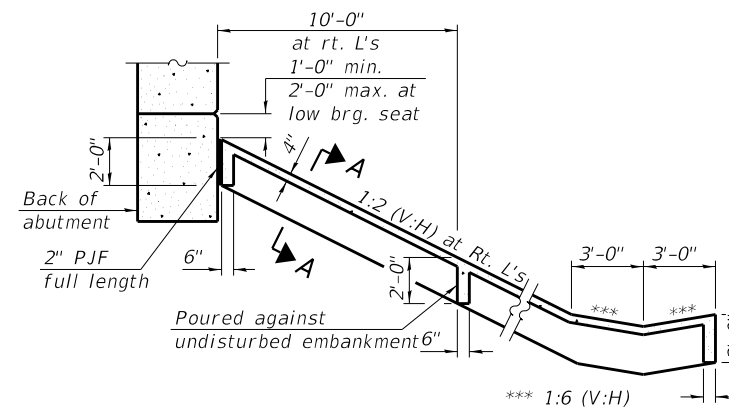
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615+50.00	-1.86%	-1.60%
615+75.00	-2.25%	-1.96%
616+00.00	-2.44%	-2.19%



SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

*Included in the cost of Pipe Underdrains for Structures.
(See Special Provisions)

Note:
 All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes on the south side of the bridge. The pipes shall drain into concrete headwalls.
 (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

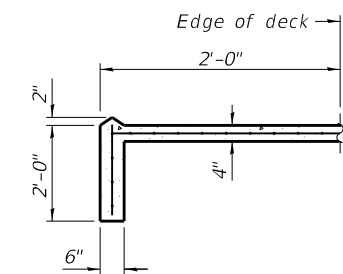


SECTION THRU CONCRETE SLOPEWALL

Sloped wall shall be reinforced with welded wire fabric, 6"x6"- W4.0xW4.0, weighing 58 lbs. per 100 sq. ft.

STATION 2108+07.93
 BUILT 20 BY
 STATE OF ILLINOIS
 F.A.P. RT. 317
 SEC. (15B;[(102-1),(14HB)]BR)BR
 LOADING HL-93
 STR. NO. 072-0250

NAME PLATE
See Std. 515001

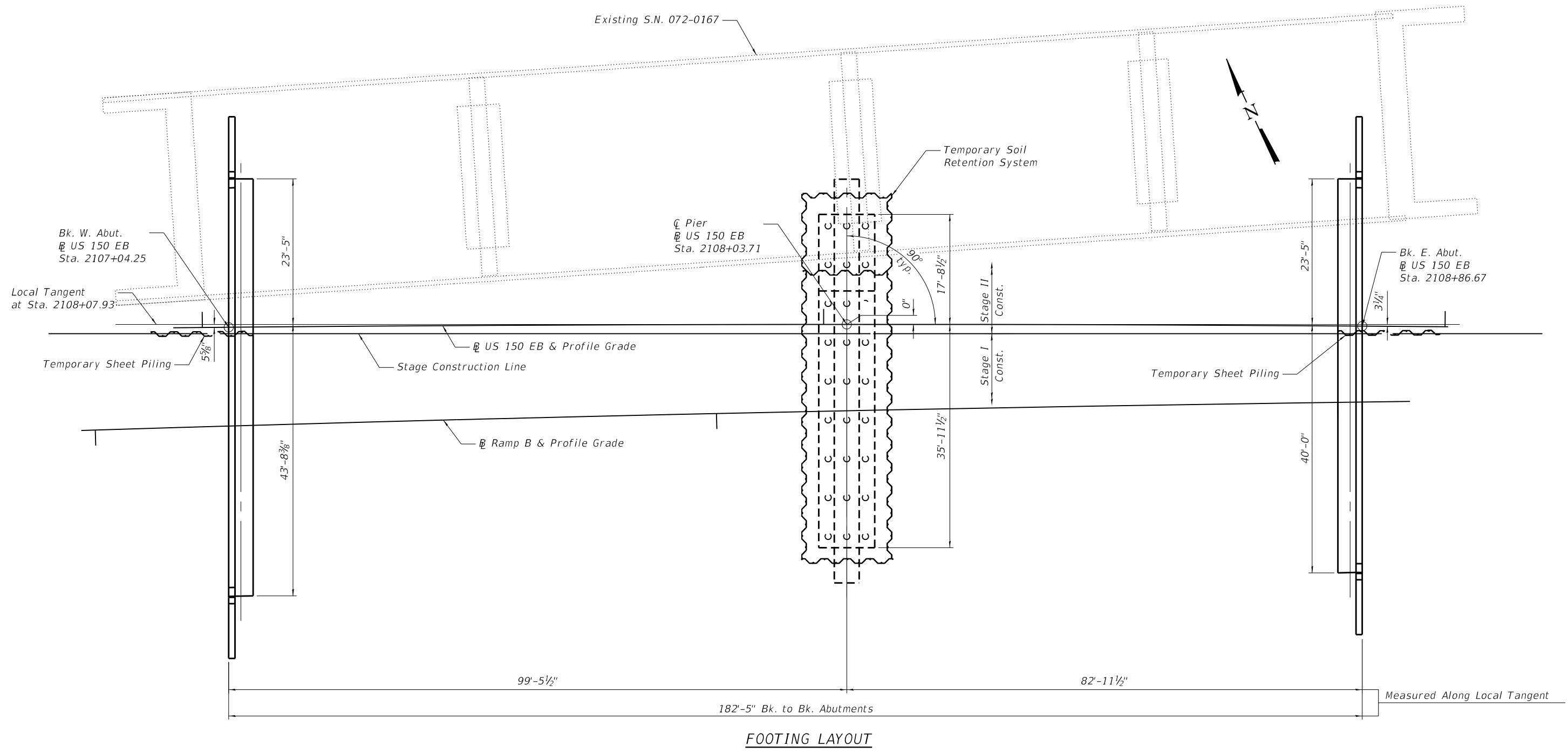


SECTION A-A

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B46				
ILLINOIS		FED. AID PROJECT		



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FOOTING LAYOUT

EFK Moen
Civil Engineering Design

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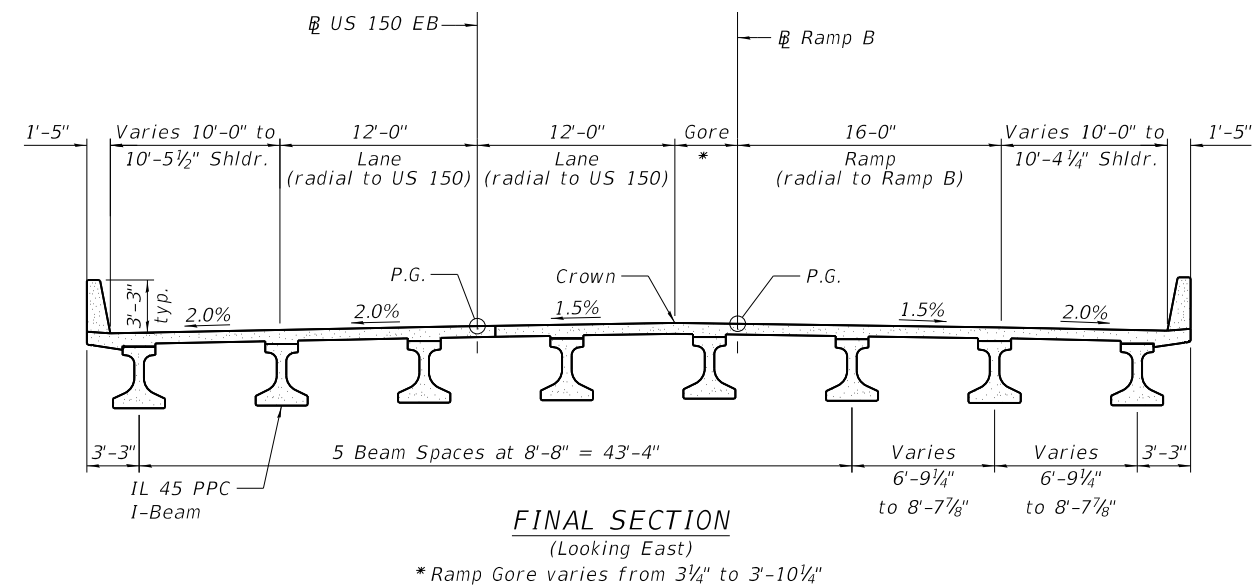
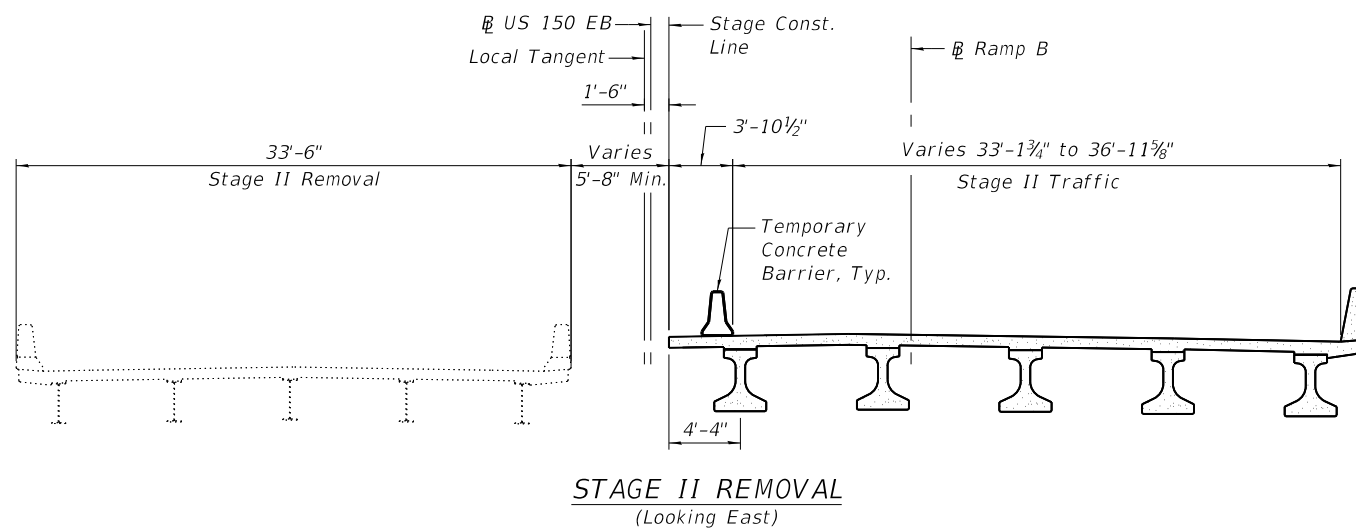
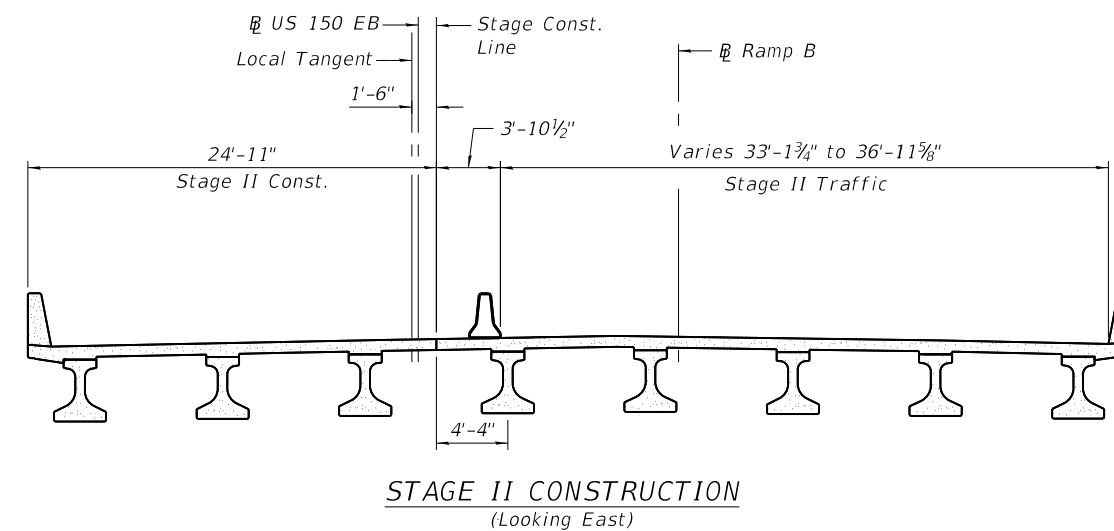
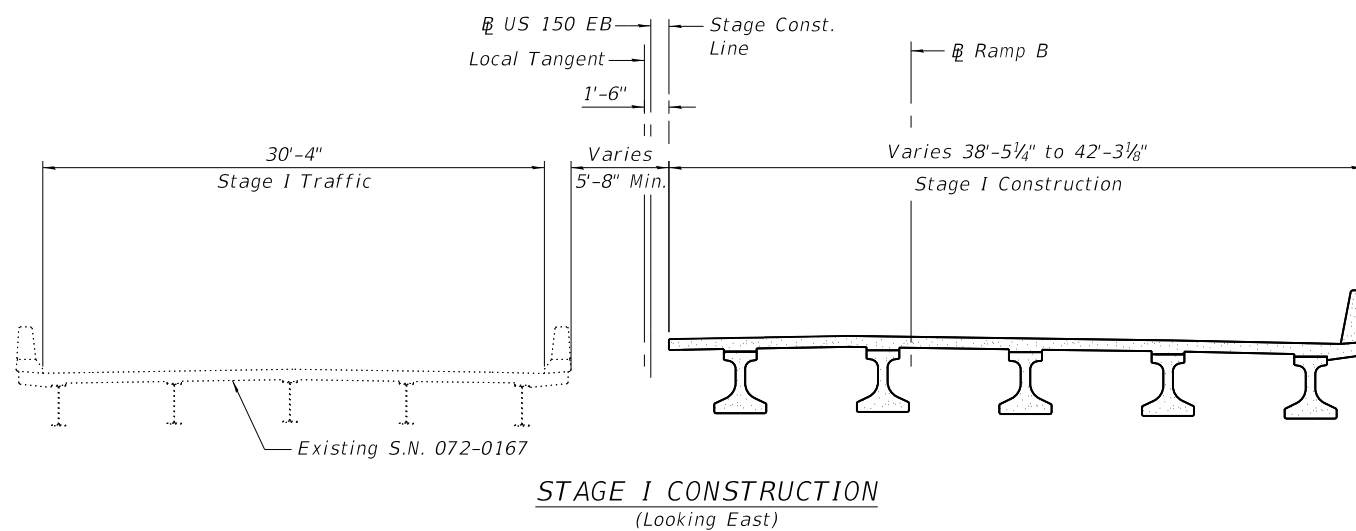
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FOOTING LAYOUT
STRUCTURE NO. 072-0250**

SHEET 3 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B:(102-1),(14HB))BR)BR	PEORIA	1361	873
CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT



Note:
 Stage Construction Lines vary for each substructure unit.
 For details of Temporary Concrete Barrier, see Sheet 6 of 34.
 For quantity of Temporary Concrete Barrier, See Roadway Plans.

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EFK•Moen
 Civil Engineering Design

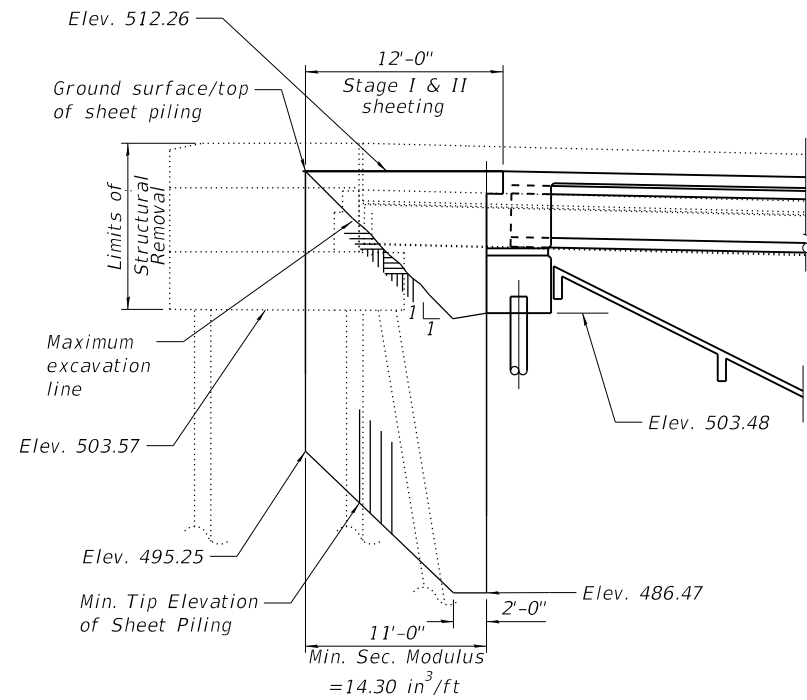
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 072-0250

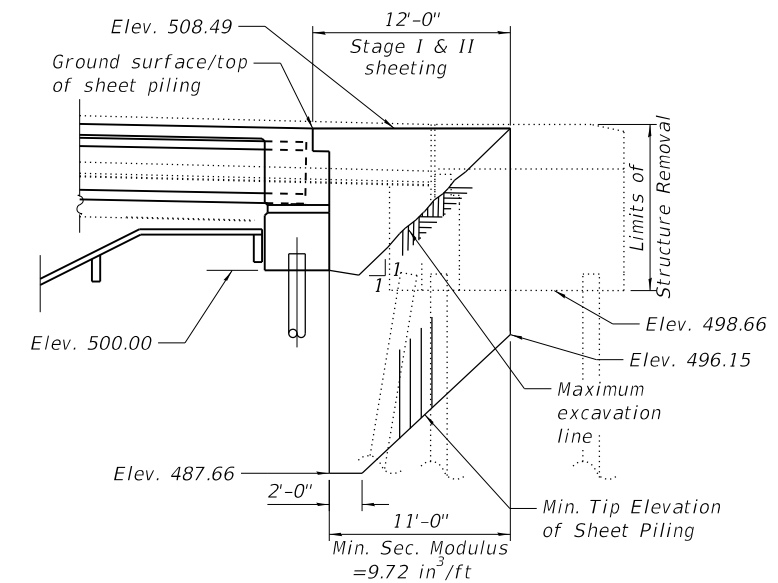
SHEET 4 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT				

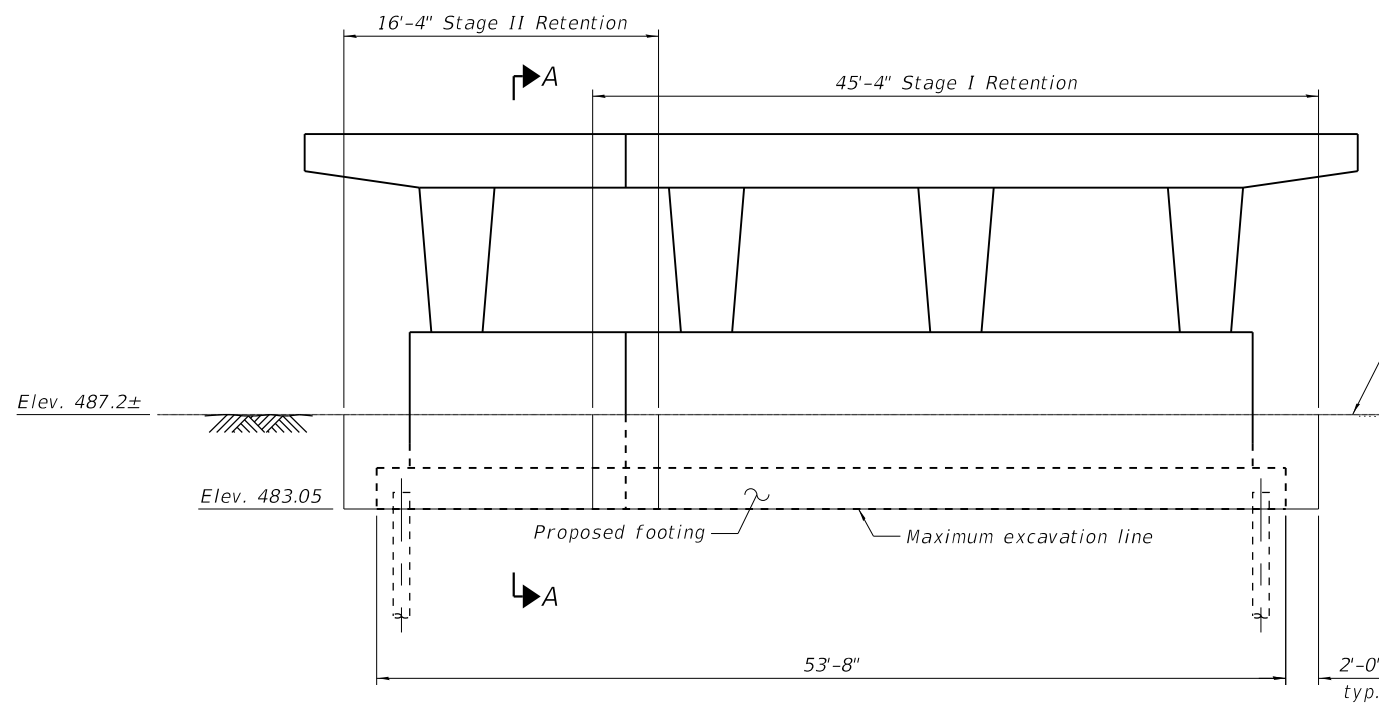


TEMPORARY SHEET PILING DETAIL - WEST ABUTMENT
(Looking North)

If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

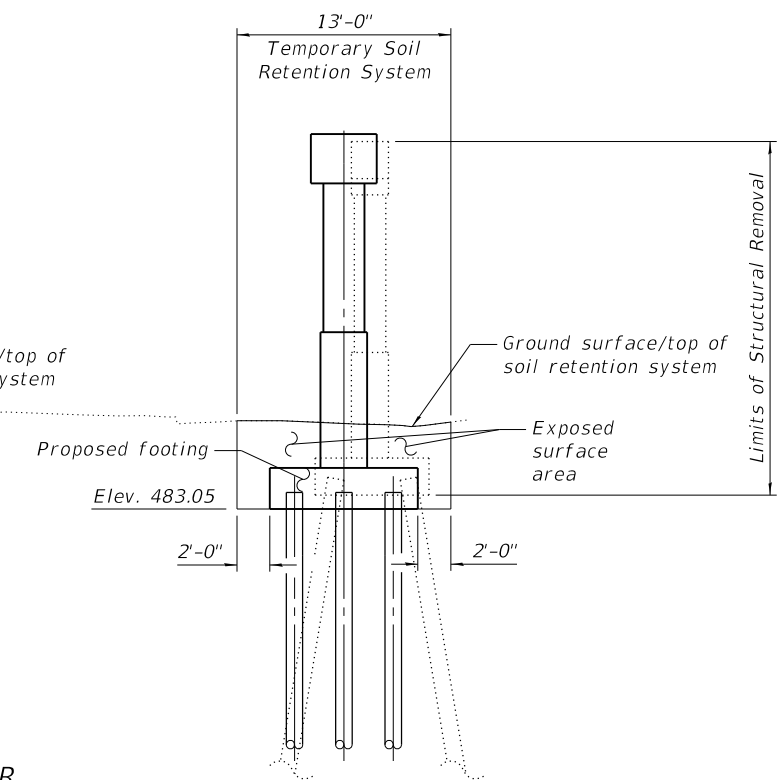


TEMPORARY SHEET PILING DETAIL - EAST ABUTMENT
(Looking North)



TEMPORARY SOIL RETENTION SYSTEM - PIER

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

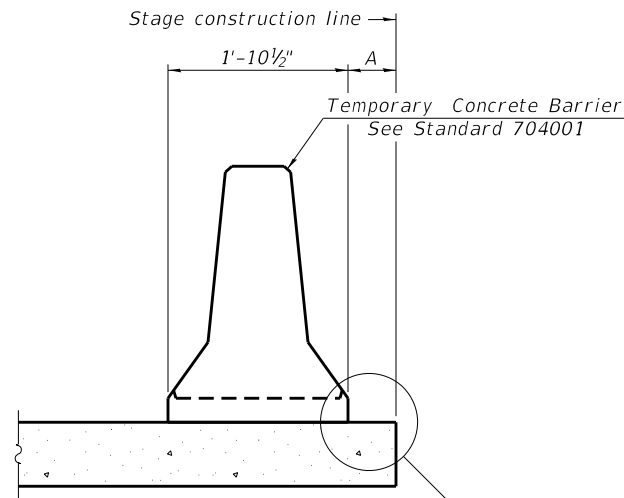


SECTION A-A

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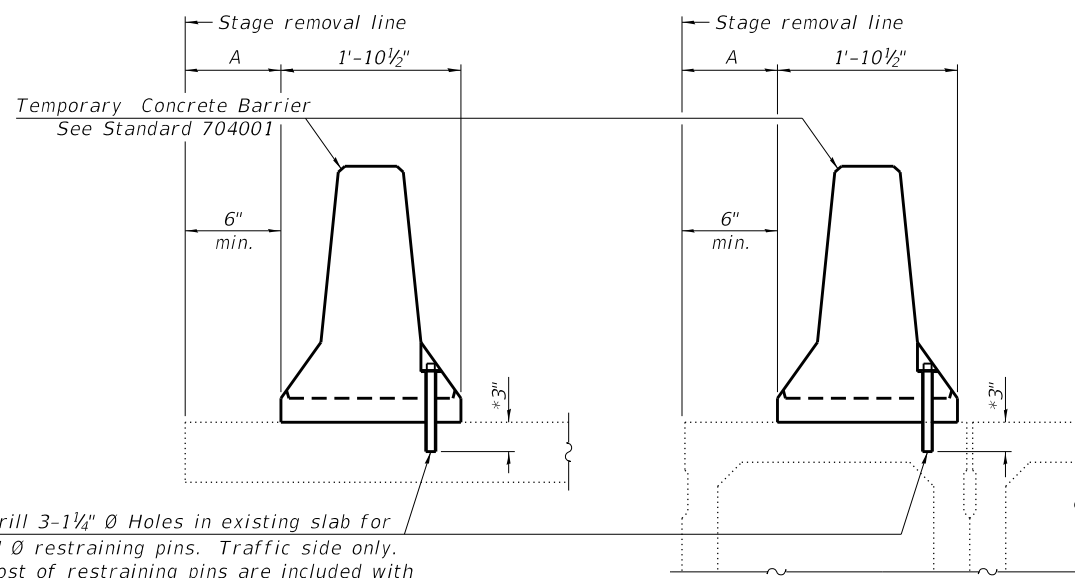
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B:(102-1),(14HB))BR)BR	PEORIA	1361	875
CONTRACT NO. 68B46				



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM

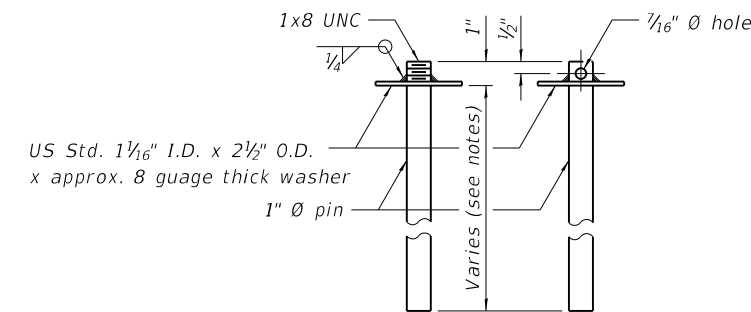


Drill 3-1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

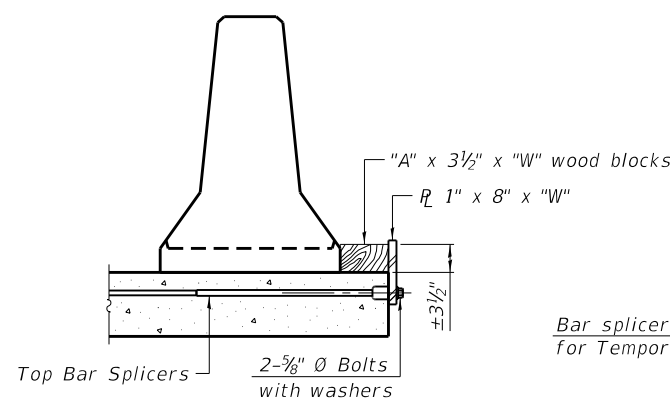
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

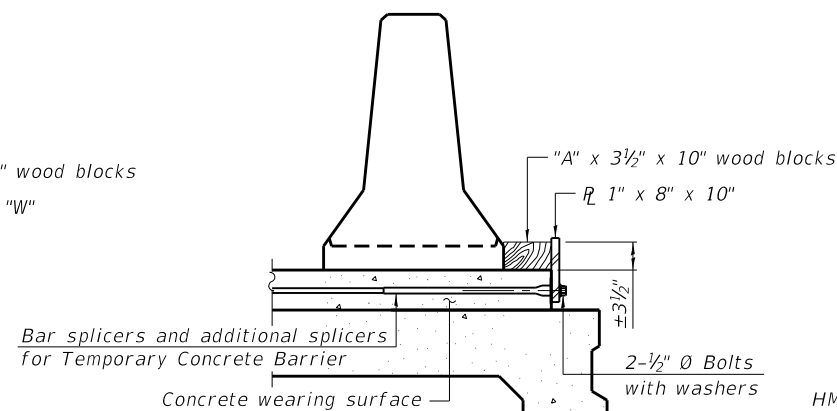


RESTRAINING PIN

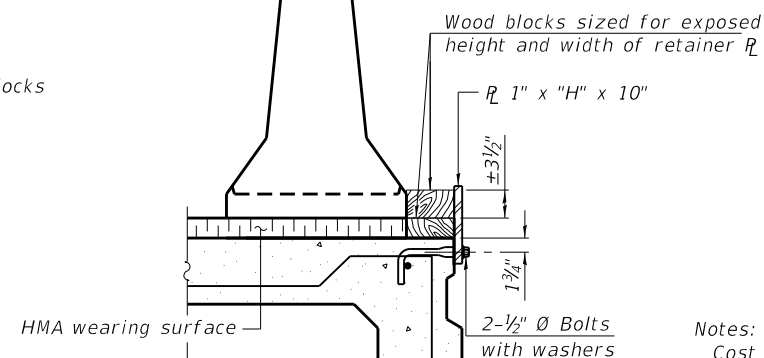
SECTIONS THRU SLAB OR DECK BEAM



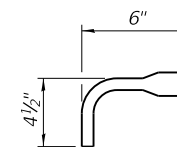
DETAIL I



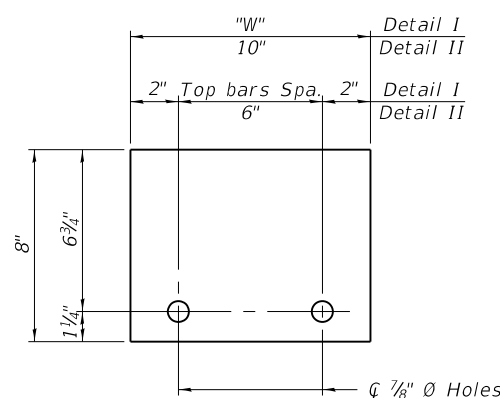
DETAIL II



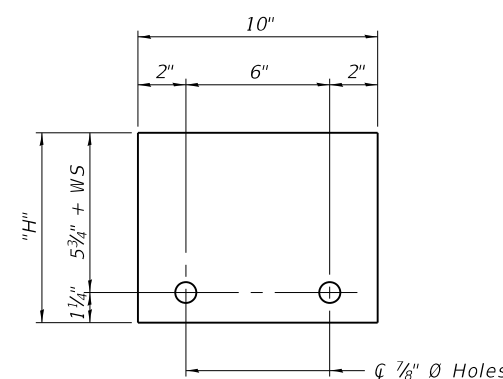
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER R 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER R 1" x "H" x 10"
(Detail III)

Notes:
 Cost of retainer assembly is included with Temporary Concrete Barrier.
 A retainer assembly shall be located at the approximate \bar{c} of each temporary concrete barrier.
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
 When the 'A' dimension is less than 1 1/2', the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6' to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.
 Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.
 Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

MODEL: Default
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R-27 8-11-2017

EFK Moen
Civil Engineering Design

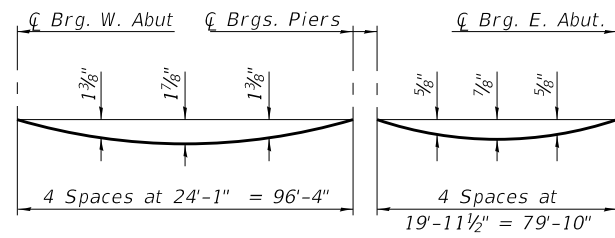
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PLOT DATE = 11/26/2018	DRAWN - KAB	REVISED -
	CHECKED - ACB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
STRUCTURE NO. 072-0250

SHEET 6 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT				

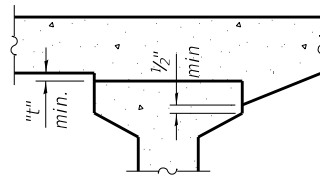


DEAD LOAD DEFLECTION DIAGRAM

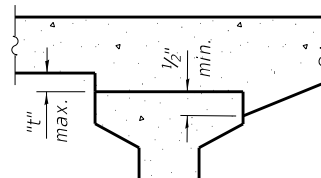
(Includes weight of concrete, excluding beams).

Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections and grinding as shown on sheets 7 thru 9 of 34.



At Minimum Fillet

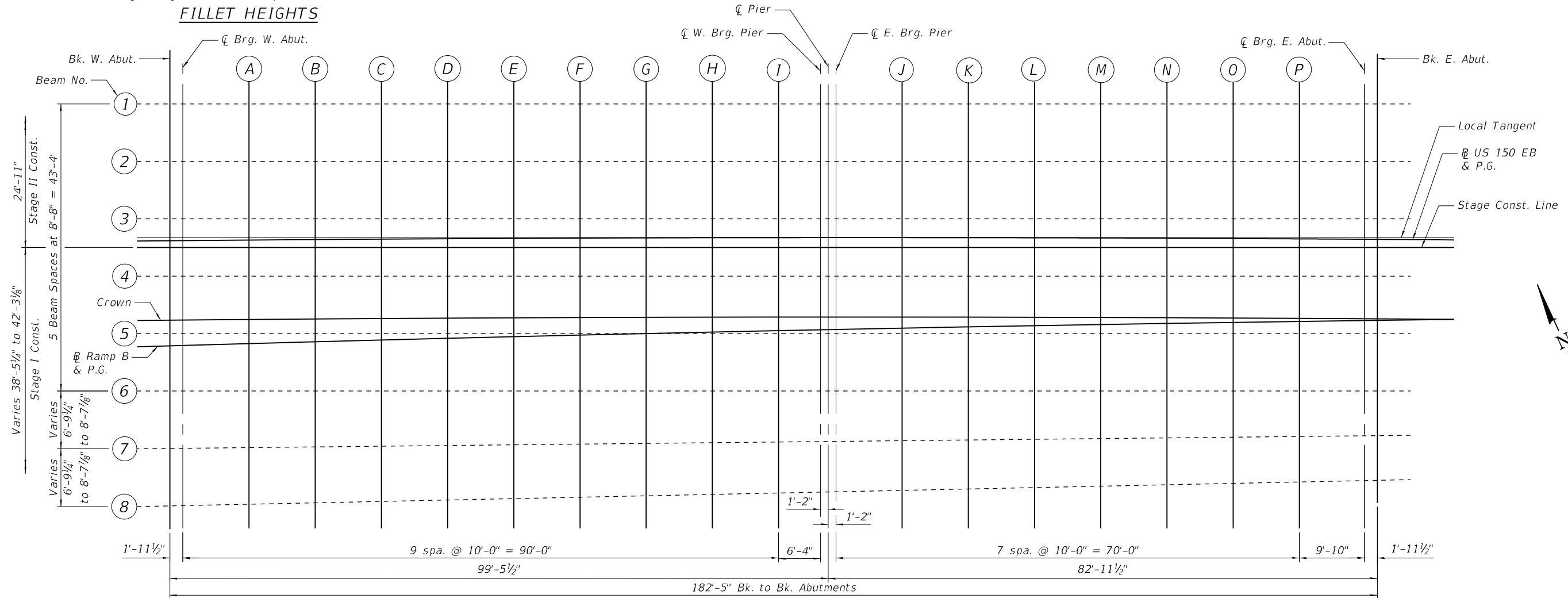


At Maximum Fillet

To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections and Grinding" shown on sheets 7 thru 9 of 34, minus 8 1/4" slab thickness, equals the fillet heights "t" above top flanges of beams.

The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown below on sheets 7 thru 9 of 34. For grinding the deck, see Special Provisions.

FILLET HEIGHTS



PLAN

BEAM 1				
Location	Station (US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	2107+04.44	-20.64	511.61	511.63
C Brg. W. Abut.	2107+06.39	-20.62	511.58	511.60
A	2107+16.38	-20.54	511.38	511.45
B	2107+26.36	-20.46	511.19	511.30
C	2107+36.34	-20.39	511.00	511.14
D	2107+46.32	-20.34	510.80	510.96
E	2107+56.30	-20.25	510.61	510.78
F	2107+66.29	-20.21	510.42	510.57
G	2107+76.27	-20.19	510.22	510.36
H	2107+86.25	-20.18	510.03	510.13
I	2107+96.23	-20.17	509.83	509.89
C W. Brg. Pier	2108+02.56	-20.17	509.71	509.73
C Pier	2108+03.72	-20.17	509.69	509.71
C E. Brg. Pier	2108+04.89	-20.17	509.66	509.69
J	2108+14.87	-20.17	509.47	509.52
K	2108+24.85	-20.18	509.27	509.35
L	2108+34.83	-20.20	509.08	509.16
M	2108+44.82	-20.23	508.88	508.98
N	2108+54.80	-20.27	508.69	508.77
O	2108+64.78	-20.31	508.49	508.54
P	2108+74.76	-20.37	508.30	508.35
C Brg. E. Abut.	2108+84.58	-20.43	508.11	508.13
Bk. E. Abut.	2108+86.53	-20.44	508.07	508.09

BEAM 2				
Location	Station (US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	2107+04.36	-11.97	511.79	511.81
C Brg. W. Abut.	2107+06.32	-11.95	511.75	511.77
A	2107+16.31	-11.87	511.56	511.62
B	2107+26.30	-11.79	511.36	511.48
C	2107+36.29	-11.73	511.17	511.31
D	2107+46.28	-11.67	510.98	511.14
E	2107+56.27	-11.62	510.78	510.96
F	2107+66.26	-11.58	510.59	510.75
G	2107+76.25	-11.55	510.40	510.53
H	2107+86.24	-11.52	510.20	510.30
I	2107+96.23	-11.51	510.01	510.06
C W. Brg. Pier	2108+02.55	-11.51	509.88	509.90
C Pier	2108+03.72	-11.51	509.86	509.88
C E. Brg. Pier	2108+04.88	-11.50	509.84	509.86
J	2108+14.87	-11.51	509.64	509.69
K	2108+24.86	-11.52	509.45	509.52
L	2108+34.85	-11.54	509.25	509.34
M	2108+44.84	-11.54	509.06	509.15
N	2108+54.83	-11.60	508.86	508.95
O	2108+64.82	-11.65	508.67	508.72
P	2108+74.81	-11.70	508.47	508.52
C Brg. E. Abut.	2108+84.64	-11.76	508.28	508.30
Bk. E. Abut.	2108+86.59	-11.77	508.26	508.28

MODEL: Default
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EFK•Moen
Civil Engineering Design

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 072-0250

SHEET 7 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B:(102-1),(14HB))BR/BR	PEORIA	1361	877
CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT

BEAM 3

Location	Station (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	2107+04.28	-3.30	511.96	511.98
☐ Brg. W. Abut.	2107+06.24	-3.29	511.93	511.95
A	2107+16.24	-3.20	511.73	511.80
B	2107+26.24	-3.13	511.54	511.65
C	2107+36.23	-3.06	511.35	511.49
D	2107+46.23	-3.00	511.15	511.31
E	2107+56.23	-2.95	510.96	511.13
F	2107+66.22	-2.91	510.76	510.92
G	2107+76.22	-2.88	510.57	510.71
H	2107+86.22	-2.86	510.37	510.47
I	2107+96.22	-2.84	510.18	510.23
☐ W. Brg. Pier	2108+02.55	-2.84	510.06	510.08
☐ Pier	2108+03.71	-2.84	510.03	510.05
☐ E. Brg. Pier	2108+04.88	-2.84	510.01	510.03
J	2108+14.88	-2.84	509.82	509.86
K	2108+24.88	-2.85	509.62	509.69
L	2108+34.87	-2.87	509.43	509.51
M	2108+44.87	-2.90	509.23	509.32
N	2108+54.87	-2.93	509.03	509.12
O	2108+64.87	-2.98	508.84	509.89
P	2108+74.86	-3.03	508.64	508.69
☐ Brg. E. Abut.	2108+84.69	-3.10	508.45	508.47
Bk. E. Abut.	2108+86.65	-3.11	508.41	508.43

US 150 & PROFILE GRADE

Location	Station (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	2107+04.25	0.00	512.03	512.05
☐ Brg. W. Abut.	2107+06.21	0.00	511.99	512.01
A	2107+16.21	0.00	511.80	511.86
B	2107+26.21	0.00	511.60	511.71
C	2107+36.21	0.00	511.41	511.55
D	2107+46.21	0.00	511.21	511.37
E	2107+56.21	0.00	511.02	511.19
F	2107+66.21	0.00	510.82	510.98
G	2107+76.21	0.00	510.63	510.76
H	2107+86.21	0.00	510.43	510.53
I	2107+96.21	0.00	510.24	510.29
☐ W. Brg. Pier	2108+02.55	0.00	510.11	510.13
☐ Pier	2108+03.71	0.00	510.09	510.11
☐ E. Brg. Pier	2108+04.88	0.00	510.07	510.09
J	2108+14.88	0.00	509.87	509.92
K	2108+24.88	0.00	509.68	509.75
L	2108+34.88	0.00	509.48	509.57
M	2108+44.88	0.00	509.29	509.38
N	2108+54.88	0.00	509.09	509.18
O	2108+64.88	0.00	508.90	508.95
P	2108+74.88	0.00	508.70	508.75
☐ Brg. E. Abut.	2108+84.71	0.00	508.51	508.53
Bk. E. Abut.	2108+86.67	0.00	508.47	508.49

STAGE CONSTRUCTION LINE

Location	Station (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	2107+04.24	1.03	512.05	512.07
☐ Brg. W. Abut.	2107+06.20	1.05	512.01	512.03
A	2107+16.20	1.13	511.81	511.88
B	2107+26.20	1.21	511.62	511.73
C	2107+36.21	1.28	511.43	511.57
D	2107+46.21	1.33	511.23	511.39
E	2107+56.21	1.38	511.04	511.21
F	2107+66.21	1.42	510.84	511.00
G	2107+76.21	1.46	510.65	510.79
H	2107+86.21	1.48	510.45	510.55
I	2107+96.21	1.49	510.26	510.31
☐ W. Brg. Pier	2108+02.55	1.50	510.14	510.16
☐ Pier	2108+03.71	1.50	510.11	510.13
☐ E. Brg. Pier	2108+04.88	1.50	510.09	510.11
J	2108+14.88	1.50	509.90	509.94
K	2108+24.88	1.49	509.70	509.77
L	2108+34.88	1.47	509.50	509.59
M	2108+44.88	1.44	509.31	509.40
N	2108+54.89	1.40	509.11	509.20
O	2108+64.89	1.36	508.92	508.97
P	2108+74.88	1.31	508.72	508.77
☐ Brg. E. Abut.	2108+84.72	1.24	508.53	508.55
Bk. E. Abut.	2108+86.68	1.23	508.49	508.51

BEAM 4

Location	Station (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	2107+04.21	5.36	512.11	512.13
☐ Brg. W. Abut.	2107+06.16	5.38	512.07	512.09
A	2107+16.17	5.46	511.88	511.95
B	2107+26.17	5.54	511.69	511.80
C	2107+36.18	5.61	511.49	511.63
D	2107+46.18	5.66	511.30	511.46
E	2107+56.19	5.71	511.10	511.28
F	2107+66.19	5.75	510.91	511.06
G	2107+76.20	5.79	510.71	510.85
H	2107+86.20	5.81	510.52	510.62
I	2107+96.21	5.82	510.32	510.38
☐ W. Brg. Pier	2108+02.54	5.83	510.20	510.22
☐ Pier	2108+03.71	5.83	510.18	510.20
☐ E. Brg. Pier	2108+04.88	5.83	510.16	510.18
J	2108+14.88	5.83	509.96	510.01
K	2108+24.89	5.82	509.76	509.84
L	2108+34.89	5.80	509.57	509.65
M	2108+44.90	5.77	509.37	509.47
N	2108+54.90	5.73	509.18	509.26
O	2108+64.91	5.69	508.98	509.03
P	2108+74.91	5.63	508.79	508.84
☐ Brg. E. Abut.	2108+84.75	5.57	508.59	508.61
Bk. E. Abut.	2108+86.71	5.56	508.56	508.58

CROWN

Location	Station (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	2107+04.15	12.00	512.21	512.23
☐ Brg. W. Abut.	2107+06.11	12.00	512.17	512.19
A	2107+16.12	12.00	511.98	512.04
B	2107+26.13	12.00	511.78	511.90
C	2107+36.14	12.00	511.59	511.73
D	2107+46.15	12.00	511.39	511.55
E	2107+56.16	12.00	511.20	511.37
F	2107+66.17	12.00	511.00	511.16
G	2107+76.18	12.00	510.81	510.94
H	2107+86.19	12.00	510.61	510.71
I	2107+96.20	12.00	510.42	510.47
☐ W. Brg. Pier	2108+02.54	12.00	510.29	510.31
☐ Pier	2108+03.71	12.00	510.27	510.29
☐ E. Brg. Pier	2108+04.88	12.00	510.25	510.27
J	2108+14.89	12.00	510.05	510.10
K	2108+24.90	12.00	509.86	509.93
L	2108+34.91	12.00	509.66	509.74
M	2108+44.92	12.00	509.47	509.56
N	2108+54.93	12.00	509.27	509.36
O	2108+64.94	12.00	509.08	509.13
P	2108+74.95	12.00	508.88	508.93
☐ Brg. E. Abut.	2108+84.79	12.00	508.69	508.71
Bk. E. Abut.	2108+86.75	12.00	508.65	508.67

BEAM 5

Location	Station (@ Ramp B)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1211+21.54	-1.86	512.18	512.20
☐ Brg. W. Abut.	1211+23.49	-1.80	512.14	512.16
A	1211+33.49	-1.52	511.94	512.01
B	1211+43.48	-1.24	511.75	511.86
C	1211+53.48	-0.97	511.55	511.69
D	1211+63.47	-0.71	511.36	511.52
E	1211+73.47	-0.46	511.16	511.33
F	1211+83.47	-0.22	510.96	511.12
G	1211+93.47	0.01	510.77	510.91
H	1212+03.46	0.23	510.57	510.67
I	1212+13.46	0.45	510.38	510.43
☐ W. Brg. Pier	1212+19.79	0.58	510.25	510.28
☐ Pier	1212+20.96	0.60	510.23	510.25
☐ E. Brg. Pier	1212+22.13	0.63	510.21	510.23
J	1212+32.12	0.83	510.01	510.06
K	1212+42.12	1.02	509.82	509.89
L	1212+52.12	1.20	509.62	509.71
M	1212+62.12	1.37	509.43	509.52
N	1212+72.12	1.53	509.24	509.32
O	1212+82.12	1.69	509.04	509.09
P	1212+92.12	1.84	508.85	508.90
☐ Brg. E. Abut.	1213+01.96	1.97	508.66	508.68
Bk. E. Abut.	1213+03.92	2.00	508.62	508.64

MODEL: Default
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 072-0250**

SHEET 8 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B)1(102-1)(14HB)BR	PEORIA	1361	878
CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT				

RAMP B & PROFILE GRADE

Location	Station (Ramp B)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1211+21.48	0.00	512.15	512.17
☉ Brg. W. Abut.	1211+23.44	0.00	512.11	512.13
A	1211+33.45	0.00	511.92	511.99
B	1211+43.45	0.00	511.73	511.84
C	1211+53.45	0.00	511.54	511.68
D	1211+63.46	0.00	511.34	511.50
E	1211+73.46	0.00	511.15	511.33
F	1211+83.46	0.00	510.96	511.12
G	1211+93.47	0.00	510.77	510.91
H	1212+03.47	0.00	510.58	510.68
I	1212+13.47	0.00	510.38	510.44
☉ W. Brg. Pier	1212+19.81	0.00	510.26	510.28
☉ Pier	1212+20.97	0.00	510.24	510.26
☉ E. Brg. Pier	1212+22.14	0.00	510.22	510.24
J	1212+32.14	0.00	510.03	510.07
K	1212+42.14	0.00	509.83	509.91
L	1212+52.14	0.00	509.64	509.72
M	1212+62.15	0.00	509.45	509.54
N	1212+72.15	0.00	509.26	509.34
O	1212+82.15	0.00	509.07	509.12
P	1212+92.15	0.00	508.87	508.92
☉ Brg. E. Abut.	1213+01.98	0.00	508.69	508.71
Bk. E. Abut.	1213+03.94	0.00	508.65	508.67

BEAM 6

Location	Station (Ramp B)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1211+21.29	6.80	512.05	512.07
☉ Brg. W. Abut.	1211+23.24	6.86	512.01	512.03
A	1211+33.25	7.14	511.82	511.88
B	1211+43.25	7.42	511.62	511.73
C	1211+53.25	7.69	511.23	511.38
D	1211+63.25	7.95	511.04	511.20
E	1211+73.26	8.20	511.03	511.21
F	1211+83.26	8.44	510.84	510.99
G	1211+93.27	8.67	510.64	510.78
H	1212+03.27	8.89	510.45	510.55
I	1212+13.28	9.11	510.25	510.31
☉ W. Brg. Pier	1212+19.62	9.24	510.13	510.15
☉ Pier	1212+20.78	9.27	510.11	510.13
☉ E. Brg. Pier	1212+21.95	9.29	510.08	510.10
J	1212+31.96	9.49	509.89	509.93
K	1212+41.96	9.68	509.69	509.76
L	1212+51.97	9.86	509.50	509.58
M	1212+61.98	10.03	509.30	509.40
N	1212+71.98	10.20	509.11	509.19
O	1212+81.99	10.35	508.91	508.96
P	1212+92.00	10.50	508.72	508.77
☉ Brg. E. Abut.	1213+01.84	10.63	508.53	508.55
Bk. E. Abut.	1213+03.80	10.66	508.49	508.51

BEAM 7

Location	Station (Ramp B)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1211+21.03	15.48	511.93	511.95
☉ Brg. W. Abut.	1211+22.99	15.52	511.89	511.91
A	1211+33.01	15.69	511.69	511.76
B	1211+43.02	15.87	511.50	511.61
C	1211+53.03	16.03	511.30	511.45
D	1211+63.05	16.18	511.11	511.27
E	1211+73.06	16.32	510.91	511.09
F	1211+83.07	16.46	510.72	510.87
G	1211+93.09	16.59	510.52	510.66
H	1212+03.10	16.71	510.33	510.43
I	1212+13.12	16.81	510.14	510.19
☉ W. Brg. Pier	1212+19.46	16.88	510.01	510.03
☉ Pier	1212+20.63	16.89	509.99	510.01
☉ E. Brg. Pier	1212+21.80	16.90	509.97	509.99
J	1212+31.81	17.00	509.77	509.82
K	1212+41.83	17.08	509.58	509.65
L	1212+51.84	17.16	509.38	509.47
M	1212+61.86	17.22	509.19	509.28
N	1212+71.87	17.28	509.00	509.08
O	1212+81.89	17.33	508.80	508.86
P	1212+91.90	17.37	508.61	508.66
☉ Brg. E. Abut.	1213+01.75	17.40	508.42	508.44
Bk. E. Abut.	1213+03.71	17.41	508.38	508.41

BEAM 8

Location	Station (Ramp B)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. W. Abut.	1211+20.78	24.16	511.76	511.78
☉ Brg. W. Abut.	1211+22.74	24.17	511.72	511.74
A	1211+32.77	24.24	511.53	511.59
B	1211+42.79	24.31	511.33	511.45
C	1211+52.81	24.37	511.14	511.28
D	1211+62.84	24.41	510.95	511.11
E	1211+72.86	24.45	510.75	510.93
F	1211+82.88	24.48	510.56	510.72
G	1211+92.91	24.50	510.37	510.51
H	1212+02.93	24.52	510.18	510.28
I	1212+12.95	24.52	509.98	510.04
☉ W. Brg. Pier	1212+19.30	24.52	509.86	509.88
☉ Pier	1212+20.47	24.52	509.84	509.86
☉ E. Brg. Pier	1212+21.64	24.52	509.82	509.84
J	1212+31.66	24.50	509.63	509.67
K	1212+41.69	24.48	509.43	509.51
L	1212+51.71	24.45	509.24	509.32
M	1212+61.73	24.41	509.05	509.14
N	1212+71.76	24.37	508.86	508.94
O	1212+81.78	24.31	508.67	508.72
P	1212+91.80	24.25	508.48	508.52
☉ Brg. E. Abut.	1213+01.66	24.17	508.29	508.31
Bk. E. Abut.	1213+03.62	24.16	508.25	508.27

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PLOT DATE = 11/26/2018	DRAWN - KAB	REVISED -
	CHECKED - ACB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 072-0250

SHEET 9 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B:(102-1),(14HB))BR)BR	PEORIA	1361	879
CONTRACT NO. 68B46				
ILLINOIS		FED. AID PROJECT		

NORTH EDGE OF SHOULDER

Location	Station (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	2106+75.51	-22.00	512.15	512.17
A1	2106+85.49	-22.00	511.96	511.98
A2	2106+95.47	-22.00	511.76	511.78
E. End of W. Appr. Slab	2107+05.45	-22.00	511.57	511.59
W. End of E. Appr. Slab	2108+85.52	-22.00	508.06	508.08
A3	2108+95.50	-22.00	507.86	507.88
A4	2109+05.49	-22.00	507.67	507.69
E. End of E. Appr. Slab	2109+15.67	-22.00	507.47	507.49

NORTH EDGE OF PAVEMENT

Location	Station (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	2106+75.39	-12.00	512.35	512.37
A1	2106+85.38	-12.00	512.16	512.18
A2	2106+95.37	-12.00	511.96	511.98
E. End of W. Appr. Slab	2107+05.36	-12.00	511.77	511.79
W. End of E. Appr. Slab	2108+85.59	-12.00	508.25	508.27
A3	2108+95.58	-12.00	508.06	508.08
A4	2109+05.57	-12.00	507.86	507.89
E. End of E. Appr. Slab	2109+15.67	-12.00	507.67	507.69

@ US 150 & PROFILE GRADE

Location	Station (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	2106+75.25	0.00	512.60	512.62
A1	2106+85.25	0.00	512.40	512.42
A2	2106+95.25	0.00	512.21	512.23
E. End of W. Appr. Slab	2107+05.25	0.00	512.01	512.03
W. End of E. Appr. Slab	2108+85.67	0.00	508.49	508.51
A3	2108+95.67	0.00	508.30	508.32
A4	2109+05.67	0.00	508.10	508.12
E. End of E. Appr. Slab	2109+15.67	0.00	507.91	507.93

STAGE CONSTRUCTION LINE

Location	Station (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	2106+75.24	0.74	512.61	512.63
A1	2106+85.24	0.85	512.41	512.43
A2	2106+95.24	0.95	512.22	512.24
E. End of W. Appr. Slab	2107+05.24	1.04	512.03	512.05
W. End of E. Appr. Slab	2108+85.68	1.24	508.51	508.53
A3	2108+95.68	1.17	508.31	508.34
A4	2109+05.68	1.08	508.12	508.14
E. End of E. Appr. Slab	2109+15.67	1.00	507.92	507.94

CROWN

Location	Station (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	2106+75.11	12.00	512.78	512.80
A1	2106+85.12	12.00	512.58	512.60
A2	2106+95.14	12.00	512.39	512.41
E. End of W. Appr. Slab	2107+05.15	12.00	512.19	512.21
W. End of E. Appr. Slab	2108+85.75	12.00	508.67	508.69
A3	2108+95.76	12.00	508.48	508.50
A4	2109+05.78	12.00	508.28	508.30
E. End of E. Appr. Slab	2109+15.67	12.00	508.09	508.11

@ RAMP B & PROFILE GRADE

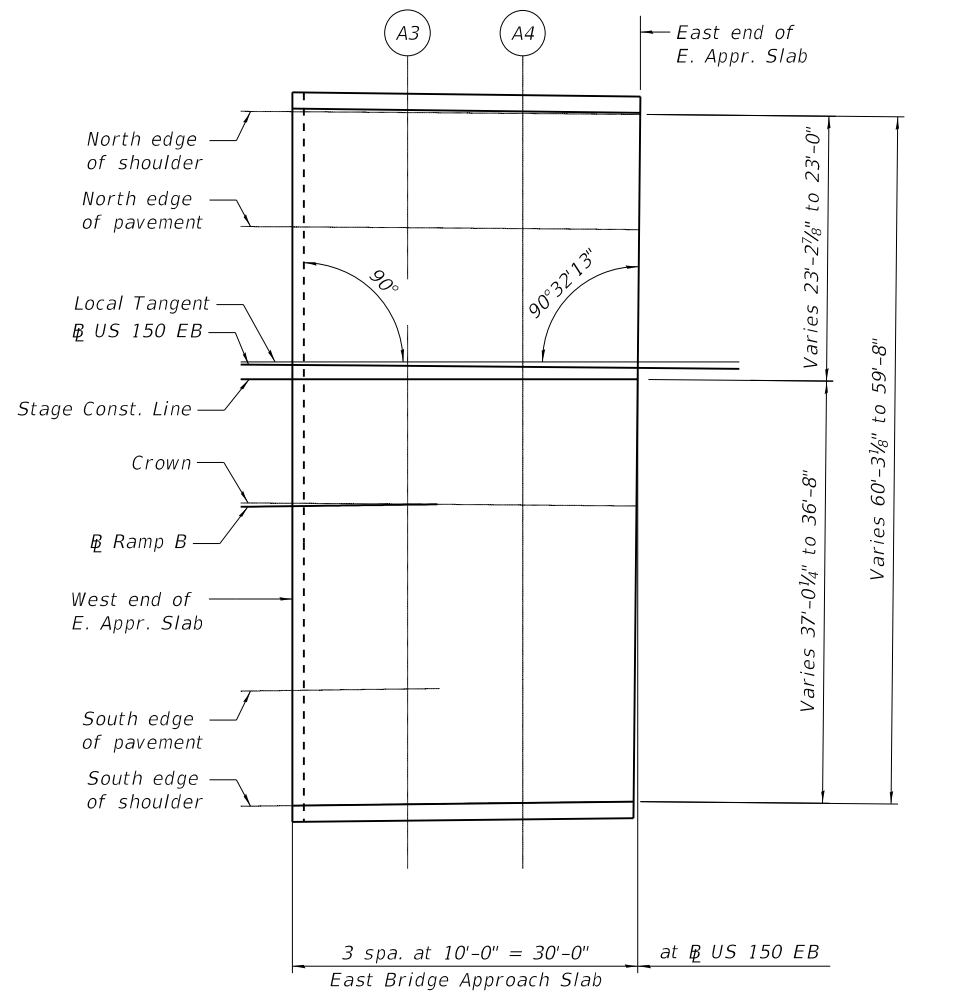
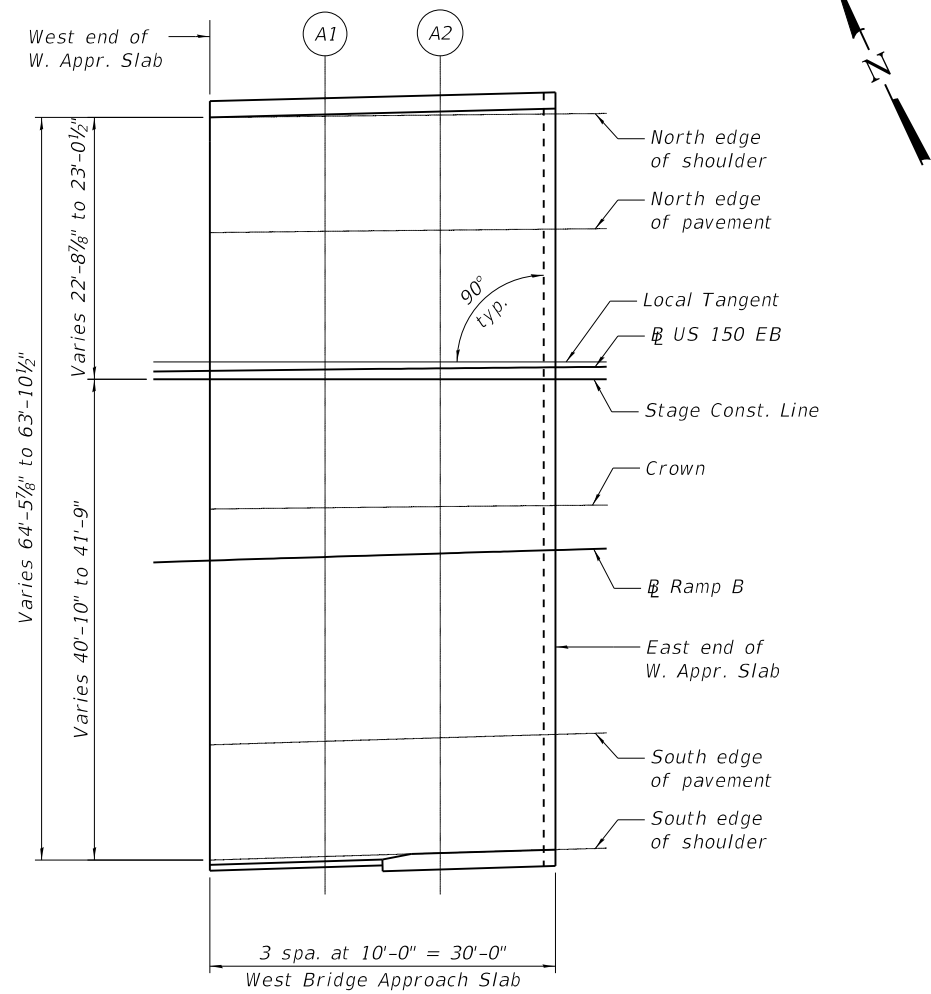
Location	Station (@ Ramp B)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	1210+92.47	0.00	512.71	512.73
A1	1211+02.47	0.00	512.52	512.54
A2	1211+12.48	0.00	512.32	512.34
E. End of W. Appr. Slab	1211+22.48	0.00	512.13	512.15
W. End of E. Appr. Slab	1213+02.94	0.00	508.67	508.69
A3	1213+12.94	0.00	508.48	508.50
A4	-	-	-	-
E. End of E. Appr. Slab	-	-	-	-

SOUTH EDGE OF PAVEMENT

Location	Station (@ Ramp B) (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	1210+91.96	16.00	512.48	512.50
A1	1211+01.98	16.00	512.28	512.31
A2	1211+12.00	16.00	512.09	512.11
E. End of W. Appr. Slab	1211+22.02	16.00	511.90	511.92
W. End of E. Appr. Slab	1213+02.73	16.00	508.43	508.45
A3	1213+12.74	16.00	508.24	508.26
A4	2109+05.91	27.85	508.04	508.06
E. End of E. Appr. Slab	2109+15.67	27.66	507.85	507.87

SOUTH EDGE OF SHOULDER

Location	Station (@ Ramp B) (@ US 150 EB)	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Grinding
W. End of W. Appr. Slab	1210+91.65	26.00	512.28	512.30
A1	1211+01.67	26.00	512.09	512.11
A2	1211+11.70	26.00	511.90	511.92
E. End of W. Appr. Slab	1211+21.73	26.00	511.71	511.73
W. End of E. Appr. Slab	1213+02.60	26.00	508.23	508.25
A3	1213+12.62	26.00	508.04	508.06
A4	2109+06.00	37.85	507.84	507.86
E. End of E. Appr. Slab	2109+15.67	37.66	507.65	507.67



PLAN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF APPROACH SLAB ELEVATIONS
STRUCTURE NO. 072-0250**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B):(102-1),(14HB)BR)BR	PEORIA	1361	880
CONTRACT NO. 68B46				

SHEET 10 OF 34 SHEETS

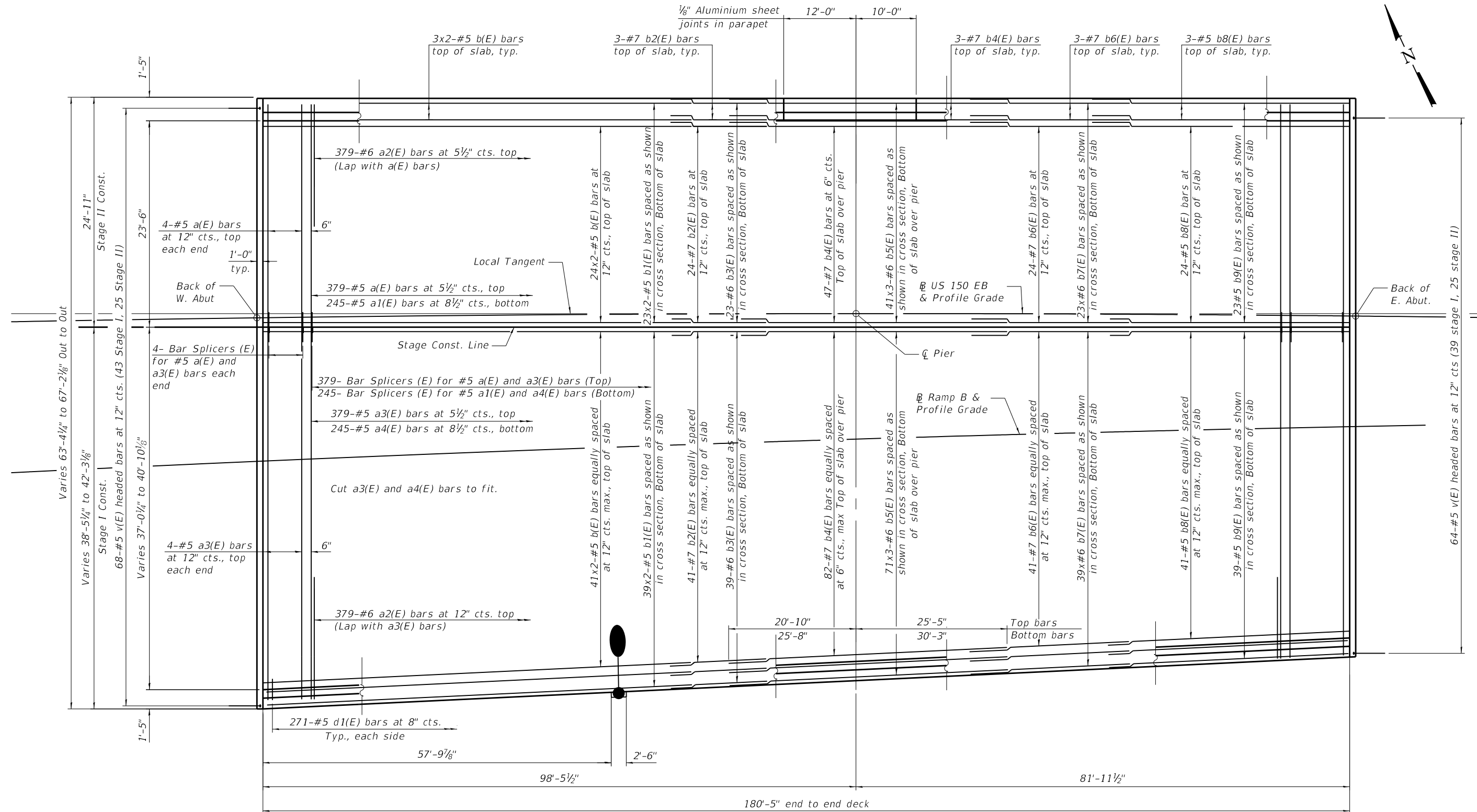
ILLINOIS FED. AID PROJECT

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EFK Moen
Civil Engineering Design

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PLOT DATE = 11/26/2018	DRAWN - KAB	REVISED -
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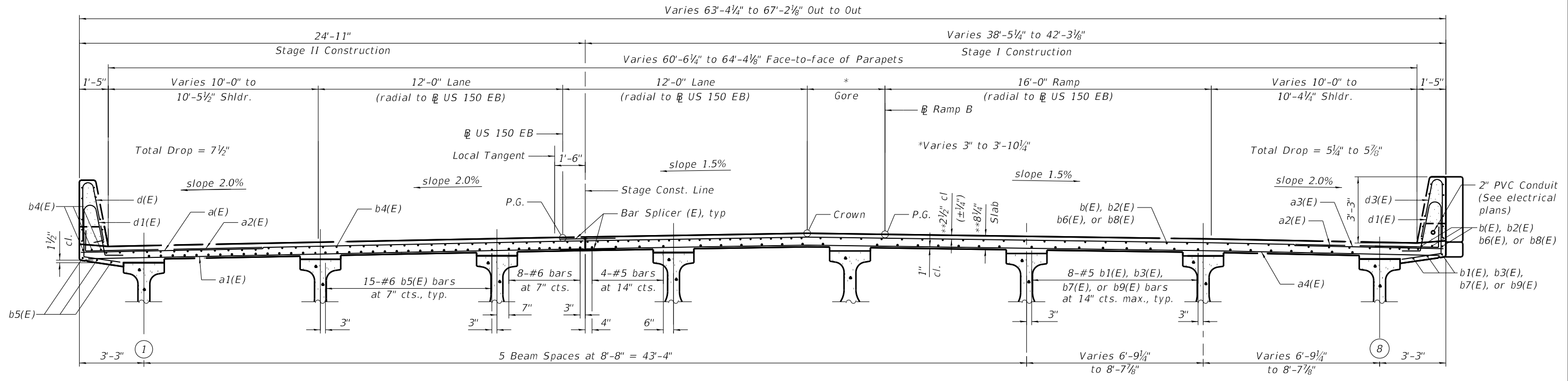
PLAN

Minimum Bar Lap
 #5 bar = 3'-6"
 #6 bar = 4'-10"
 #7 bar = 5'-2"

Notes:
 See sheet 12 and 13 of 34 for cross section, superstructure details, and Bill of Material.
 Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.

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PLOT DATE = 11/26/2018	DRAWN - KAB	REVISED -
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B:(102-1),(14HB))BR)BR	PEORIA	1361	881
CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT				

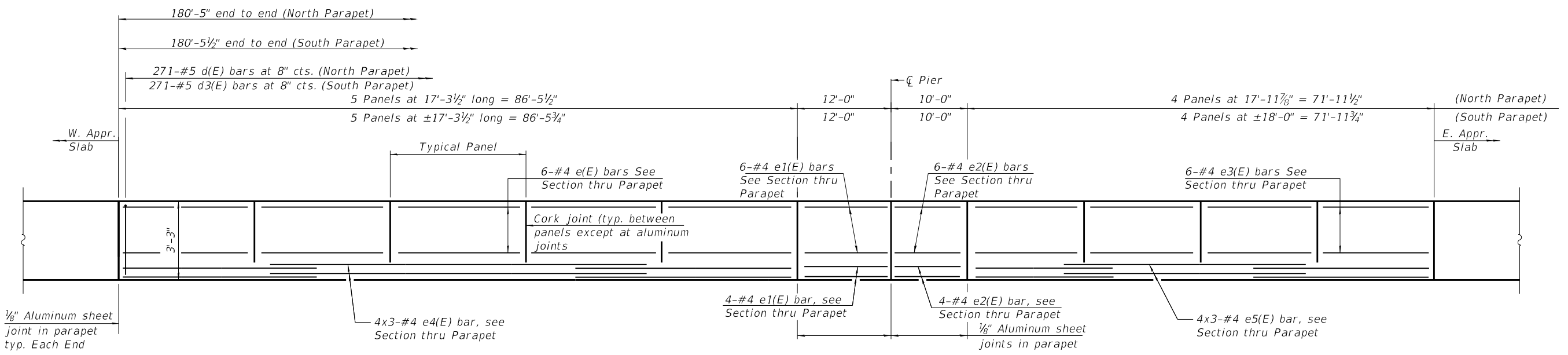


NEAR PIER

CROSS SECTION
(Looking East)

NEAR MIDSPAN

**Prior to grinding



INSIDE ELEVATION OF PARAPET
(N. Parapet Shown, S. Parapet Similar)

MINIMUM BAR LAP
(Parapet)
#4 bar = 2'-5"

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EFK Moen
Civil Engineering Design

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

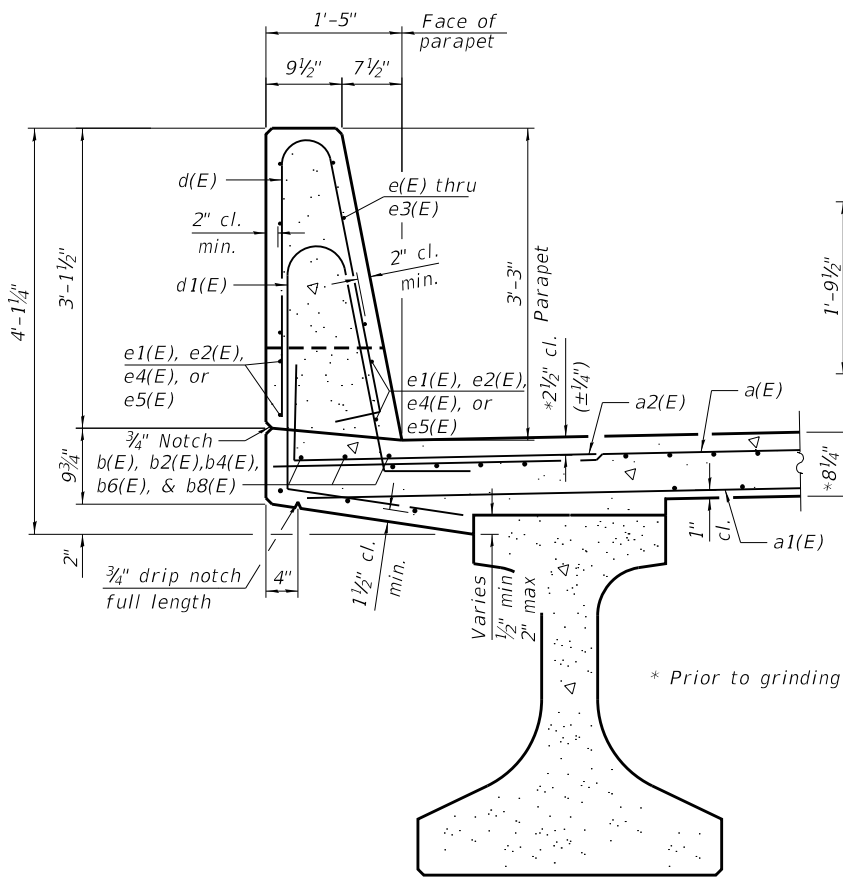
SUPERSTRUCTURE DETAILS
STRUCTURE NO. 072-0250

SHEET 12 OF 34 SHEETS

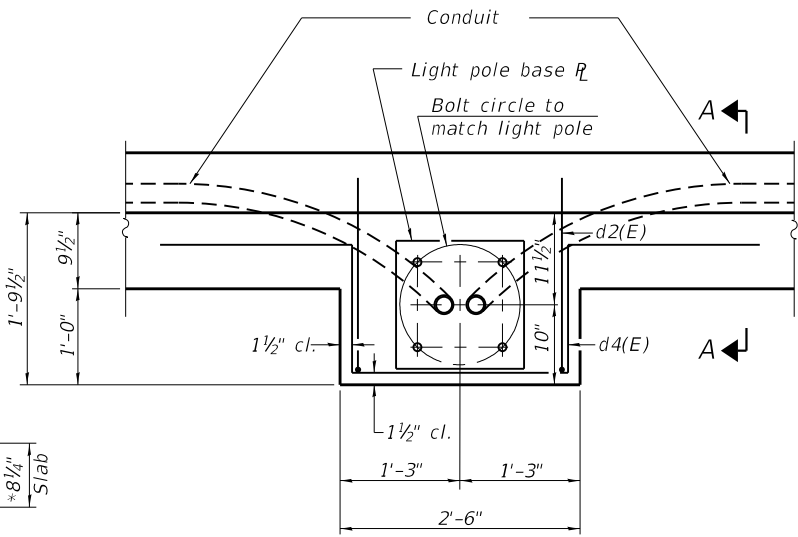
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CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT

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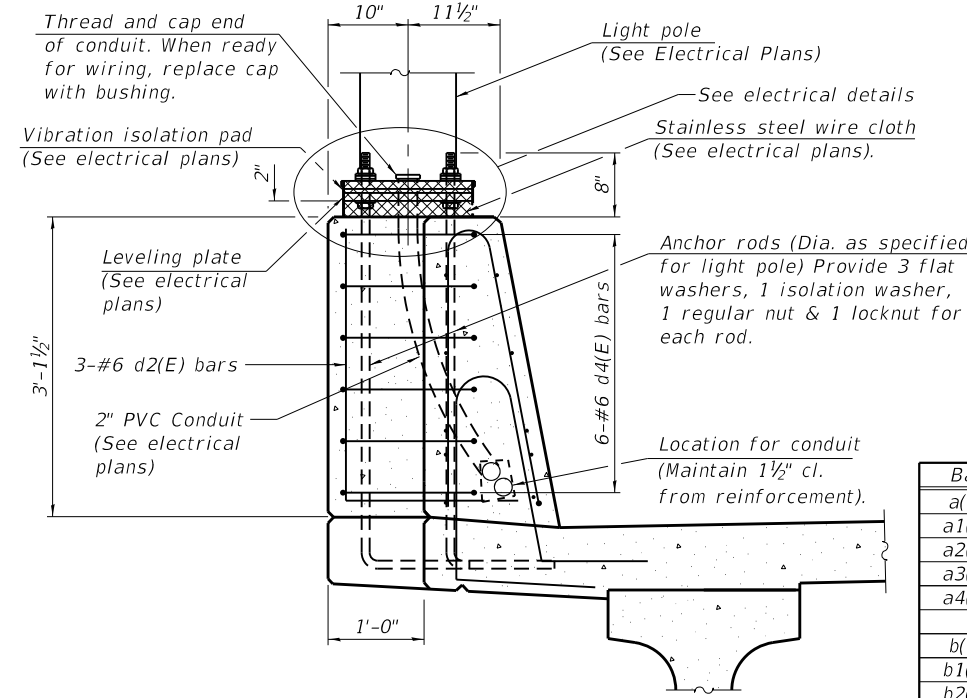


SECTION THRU NORTH PARAPET
 (South Parapet Similar)



LIGHT POLE PLAN

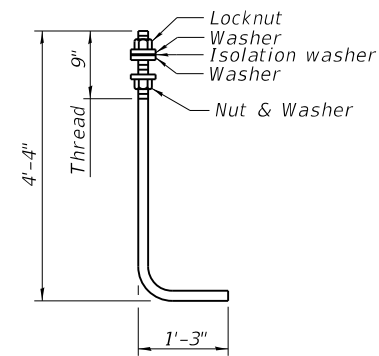
Note:
 Cost of anchor rods is included with Concrete Superstructure.



SECTION A-A

DETAIL A - PARAPET/LIGHTING DETAILS

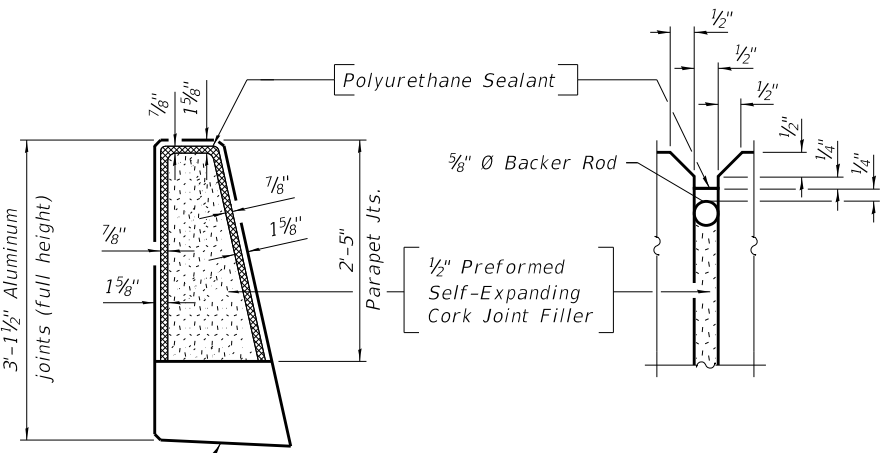
Notes:
 The 1/8" Aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated to minimize reaction with wet concrete. Cost included with Concrete Superstructure.
 The Polyurethane Sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.
 Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706. Cost included with Reinforcement Bars, Epoxy Coated.



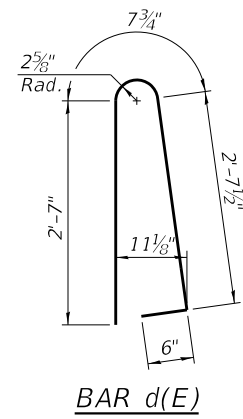
ANCHOR ROD
 Diameter as specified for light poles.
 (ASTM F 1554 Grade 105) Full length hot dipped galvanized

SUPERSTRUCTURE BILL OF MATERIAL

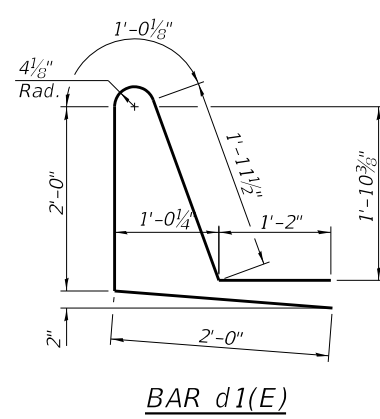
Bar	No.	Size	Length	Shape
a(E)	387	#5	24'-7"	—
a1(E)	245	#5	24'-7"	—
a2(E)	758	#6	8'-4"	—
a3(E)	387	#5	41'-11"	—
a4(E)	245	#5	41'-11"	—
b(E)	142	#5	37'-5"	—
b1(E)	124	#5	35'-9"	—
b2(E)	71	#7	16'-0"	—
b3(E)	62	#6	13'-3"	—
b4(E)	135	#7	46'-3"	—
b5(E)	336	#6	21'-11"	—
b6(E)	65	#7	26'-6"	—
b7(E)	62	#6	23'-9"	—
b8(E)	71	#5	39'-8"	—
b9(E)	62	#5	36'-2"	—
d(E)	271	#5	6'-5"	—
d1(E)	542	#5	8'-2"	—
d2(E)	3	#6	4'-8"	—
d3(E)	271	#5	6'-5"	—
d4(E)	6	#6	8'-11"	—
e(E)	60	#4	17'-0"	—
e1(E)	20	#4	11'-8"	—
e2(E)	20	#4	9'-8"	—
e3(E)	48	#4	17'-8"	—
e4(E)	24	#4	30'-4"	—
e5(E)	24	#4	25'-6"	—
m1(E)	12	#6	24'-7"	—
m2(E)	12	#6	41'-11"	—
m3(E)	32	#6	3'-6"	—
m4(E)	96	#6	7'-4"	—
m5(E)	16	#6	2'-5"	—
m6(E)	8	#6	2'-5"	—
m7(E)	24	#6	5'-2"	—
m8(E)	4	#6	1'-4"	—
m9(E)	32	#5	4'-0"	—
s1(E)	96	#5	9'-11"	—
s2(E)	96	#5	11'-7"	—
s3(E)	42	#5	12'-2"	—
v(E)	132	#5	3'-1"	—
Concrete Superstructure		Cu. Yds.	427.4	
Protective Coat		Sq. Yd.	1,416	
Reinforcement Bars, Epoxy Coated		Pound	118,600	
Bridge Deck Grooving (Longitudinal)		Sq. Yd.	843	
Diamond Grinding (Bridge Section)		Sq. Yd.	1,171	



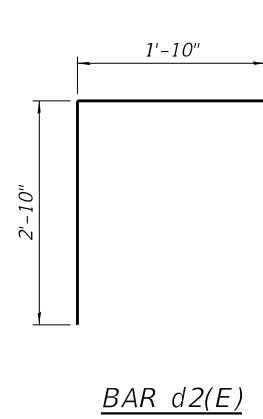
PARAPET JOINT DETAILS



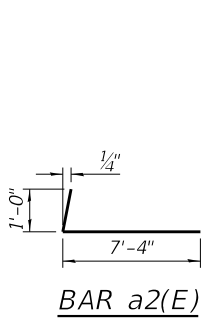
BAR d(E)



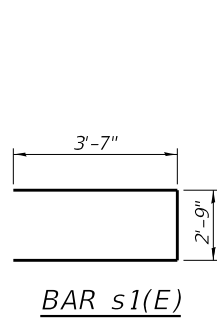
BAR d1(E)



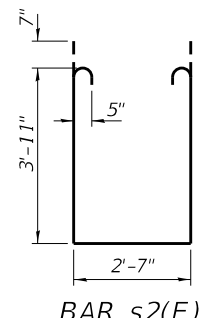
BAR d2(E)



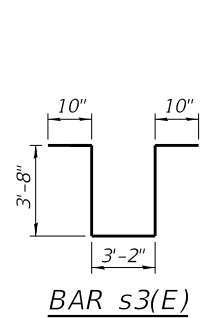
BAR a2(E)



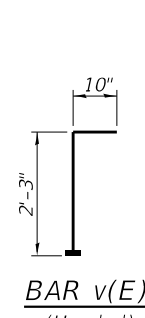
BAR s1(E)



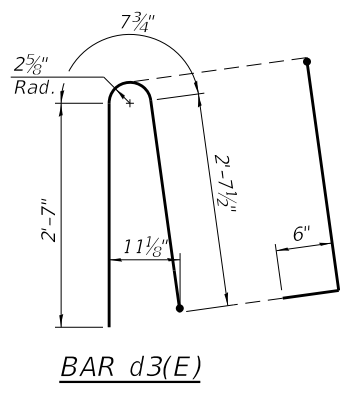
BAR s2(E)



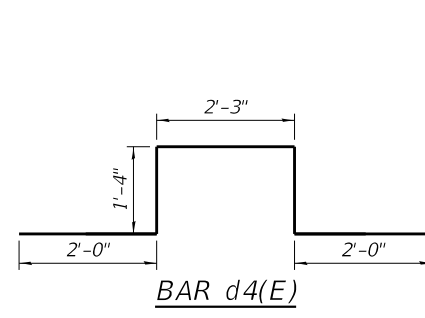
BAR s3(E)



BAR v(E)
 (Headed)

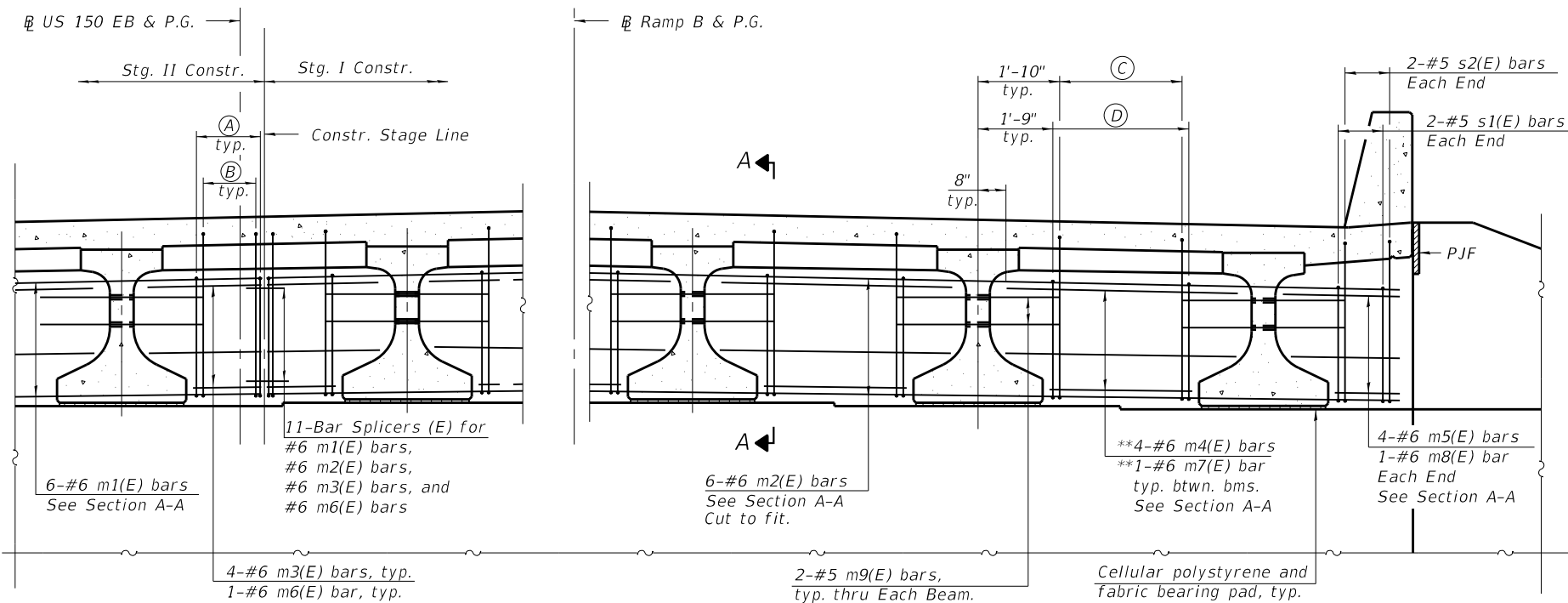


BAR d3(E)



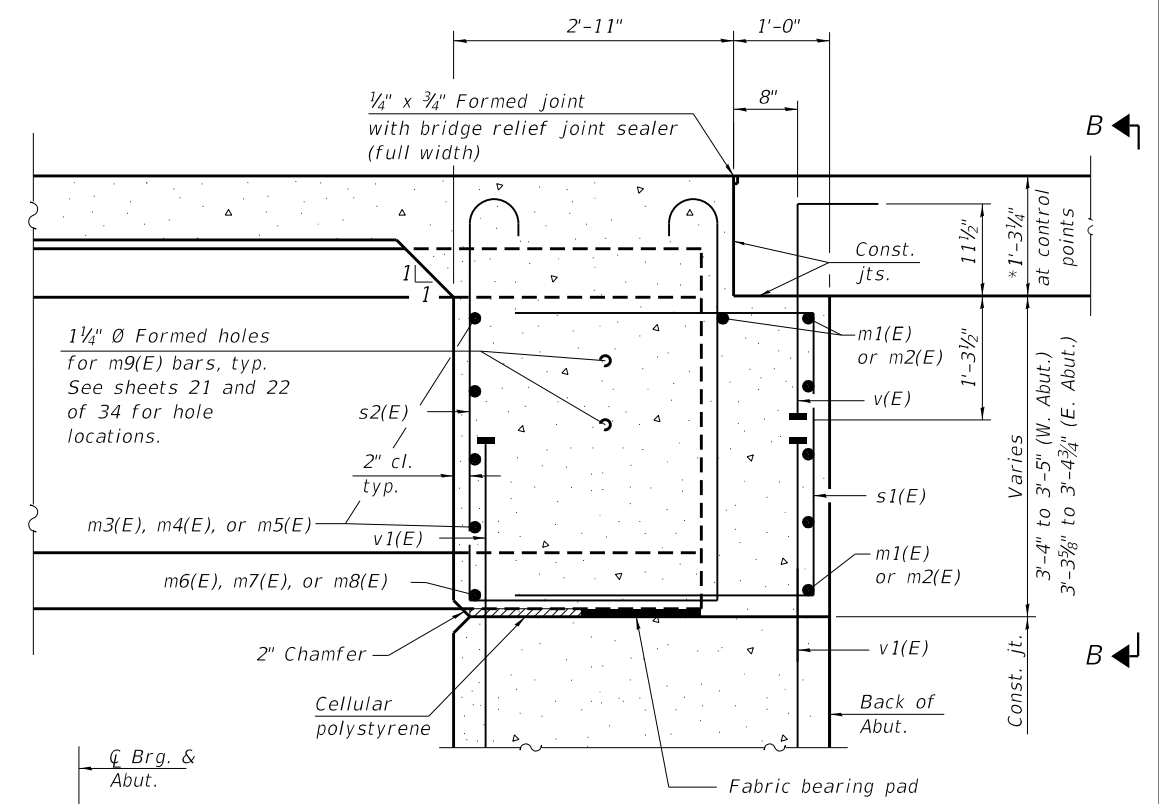
BAR d4(E)

Bars indicated thus 1 x 2-#8 etc. indicates 1 line of bars with 2 lengths per line.

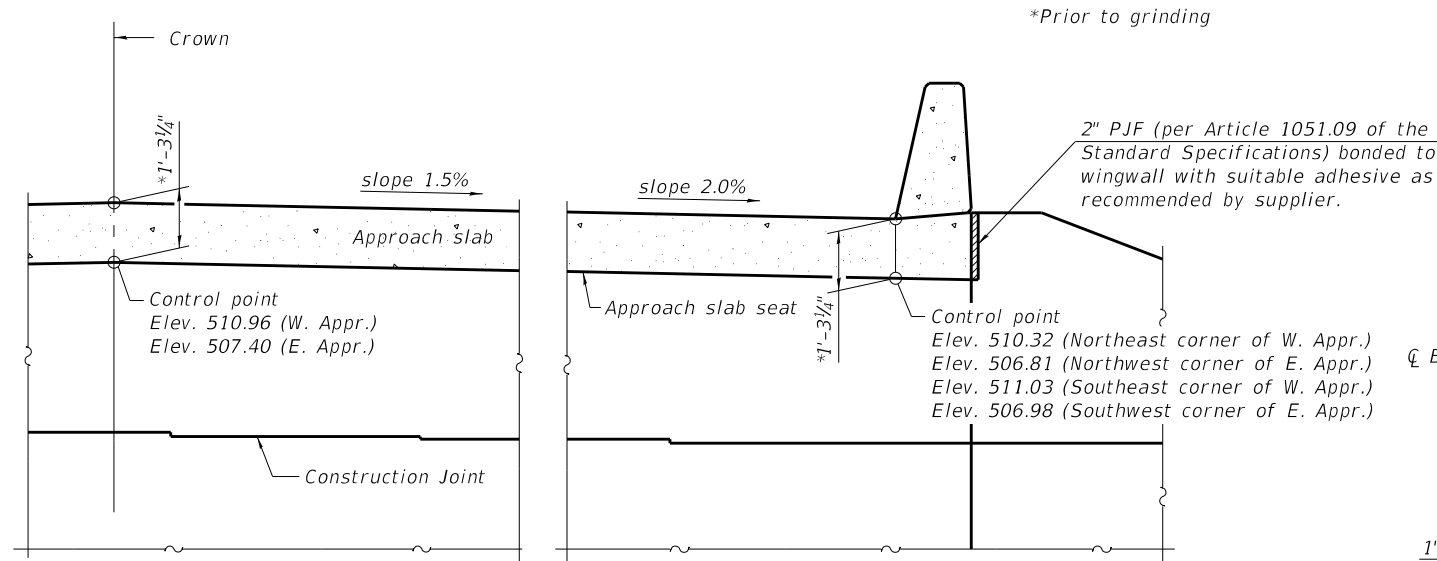


- (A) 4-#5 s1(E) bars at ±10" cts., typ.
- (B) 4-#5 s2(E) bars at ±10" cts., typ.
- (C) 6-#5 s2(E) bars at ±12" cts., typ.
- (D) 6-#5 s1(E) bars at ±12" cts., typ.

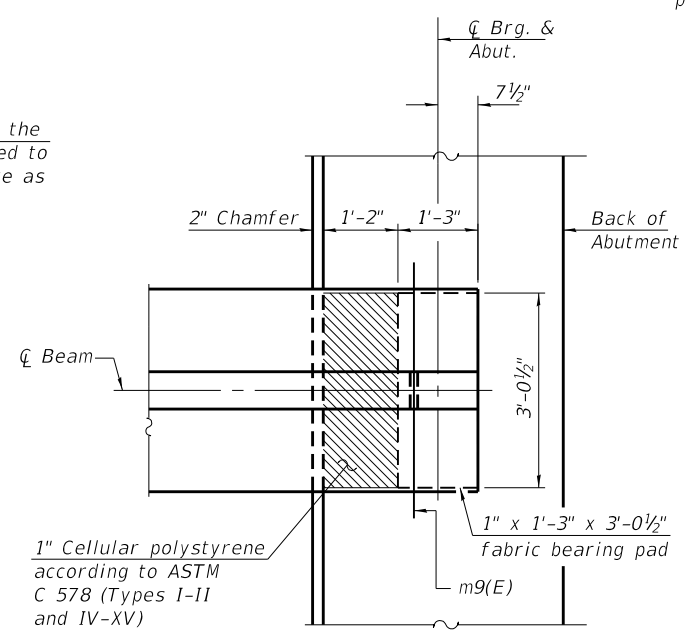
DIAPHRAGM AT EAST ABUTMENT
(West Abutment Similar)



SECTION A-A



SECTION B-B



PLAN AT ABUTMENT
(Showing bottom flange of beam)

Notes:
 Reinforcement bars in diaphragm are billed with superstructure on sheet 13 of 34.
 Concrete in diaphragm is included with Concrete Superstructure on sheet 13 of 34.
 For details of bars s1(E), s2(E), s3(E), and v(E) see sheet 13 of 34.
 The approach slab seat shall have a constant slope determined from the control points shown.
 Cost of cellular polystyrene is included with Concrete Superstructure.
 Beams shall be braced for stability during erection and remained braced until deck is poured and cured.

MODEL: Default
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Civil Engineering Design

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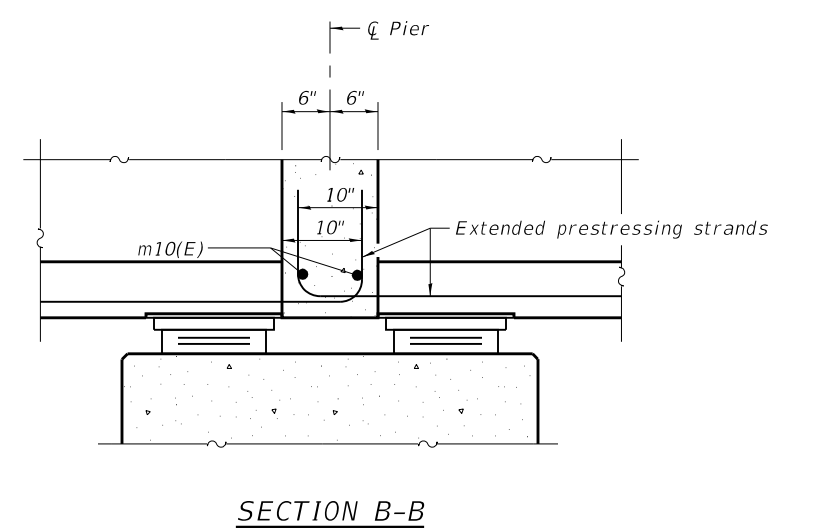
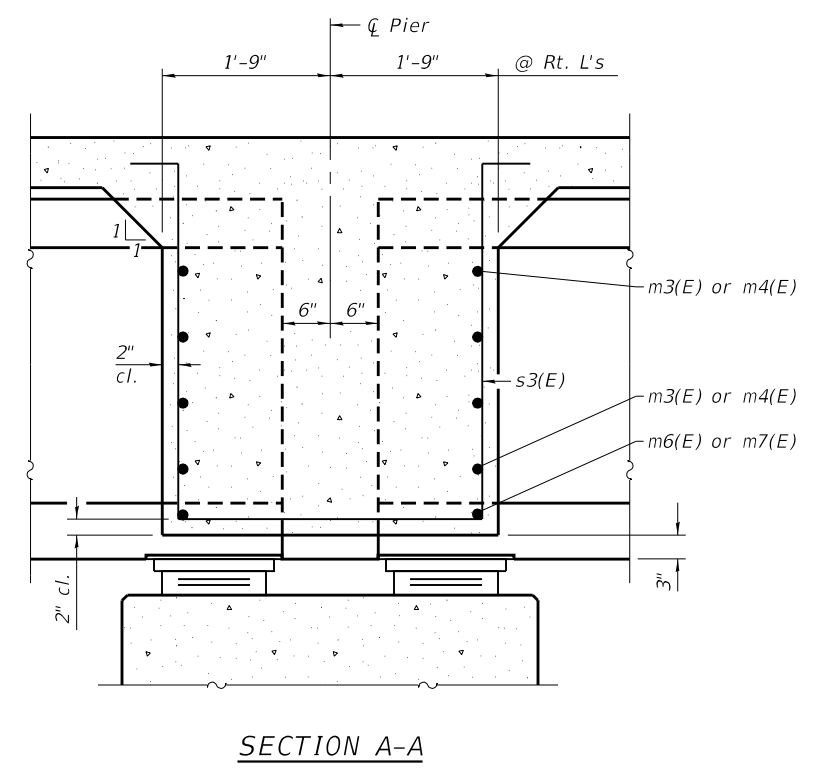
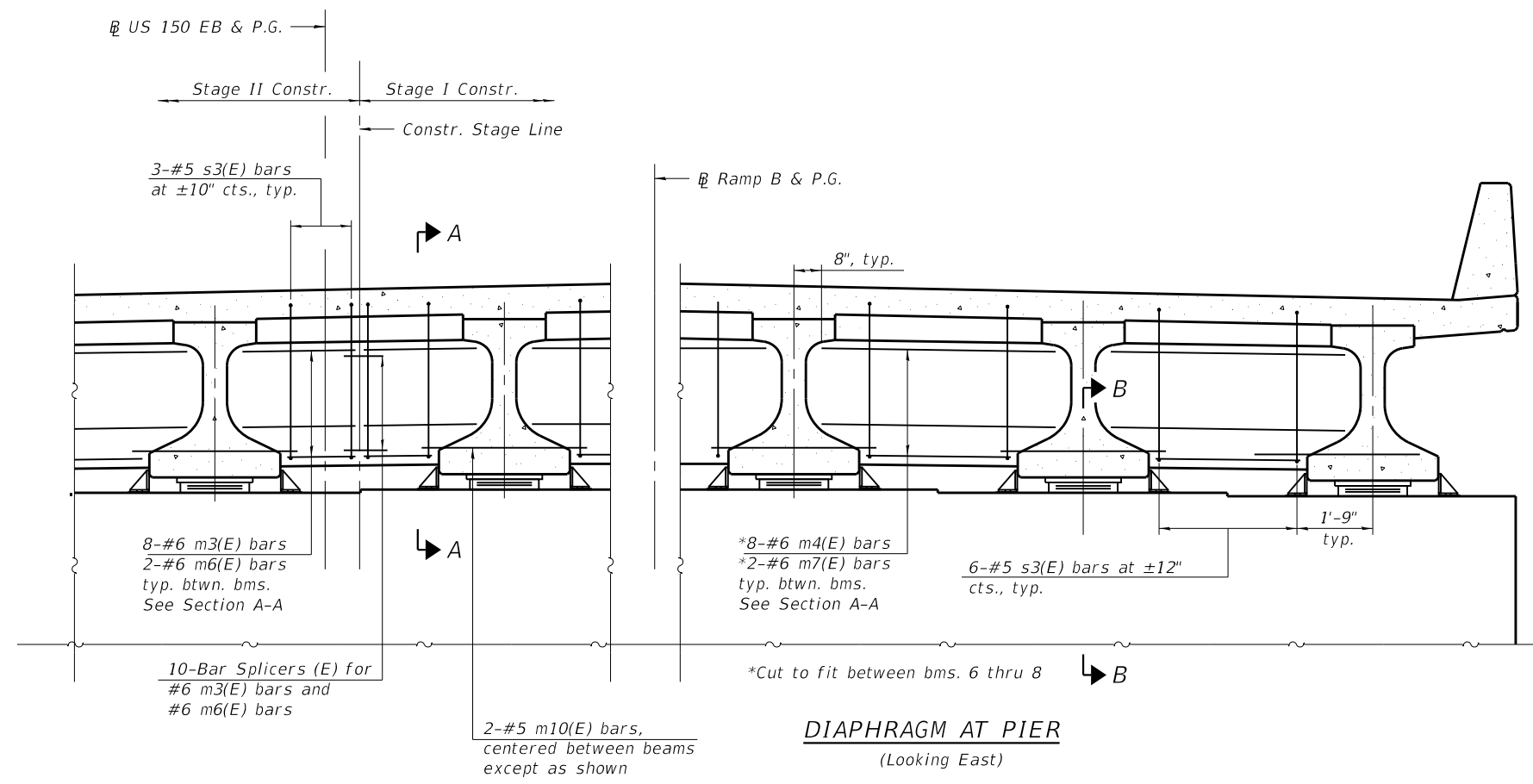
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTEGRAL ABUTMENT DIAPHRAGM DETAILS
STRUCTURE NO. 072-0250

SHEET 14 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT

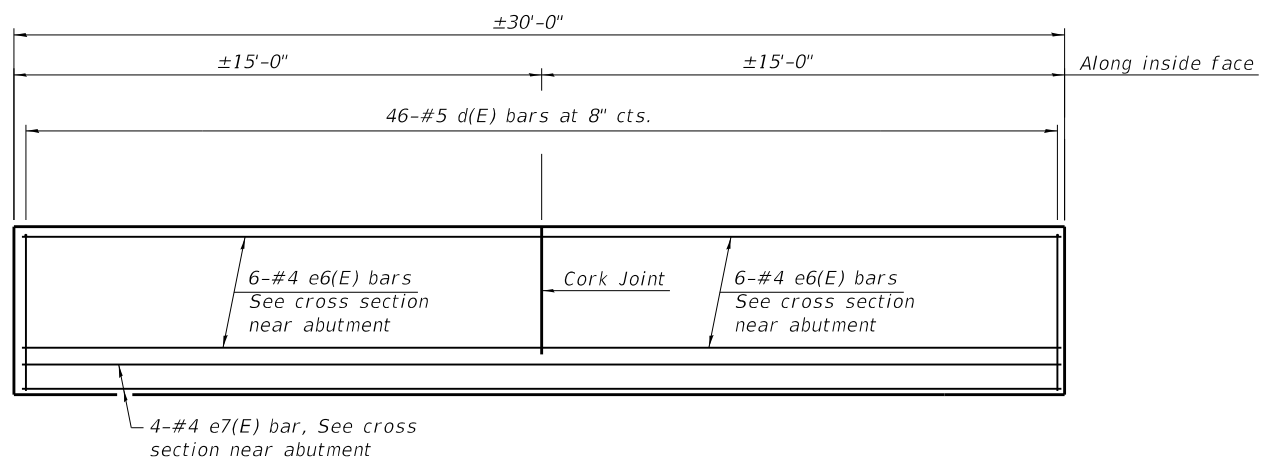


Notes:
See sheet 13 of 34 for superstructure details and Bill of Material.
The s3(E) bars shall be placed parallel to the beams.
Spacing for these bars shall be at right angles to the beams.
Horizontal dimensions for Section A-A and Section B-B are along \bar{C} of beam unless otherwise noted.

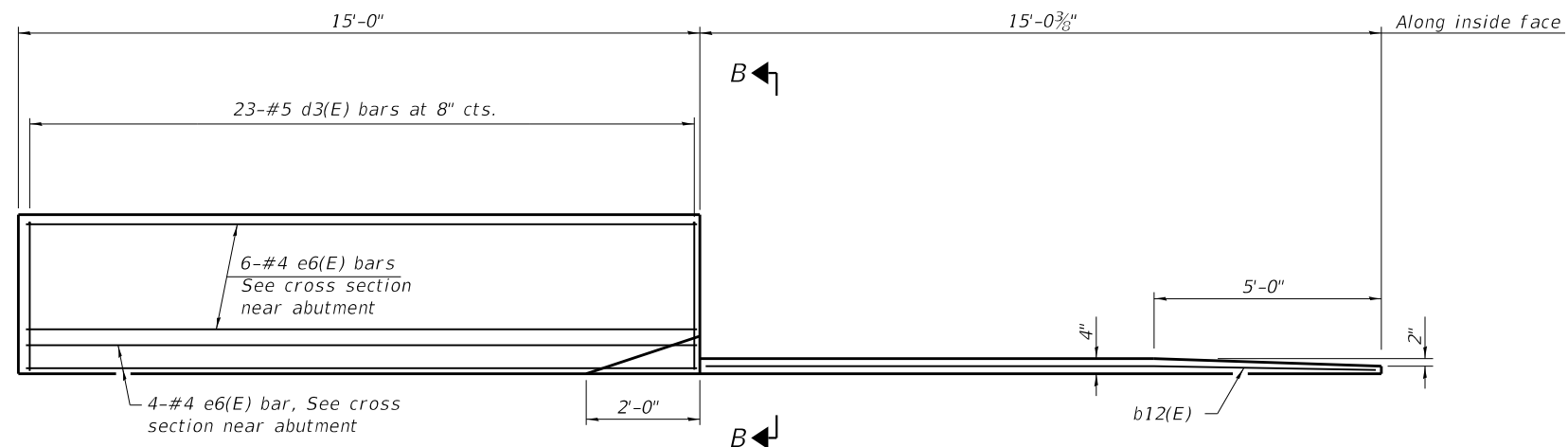
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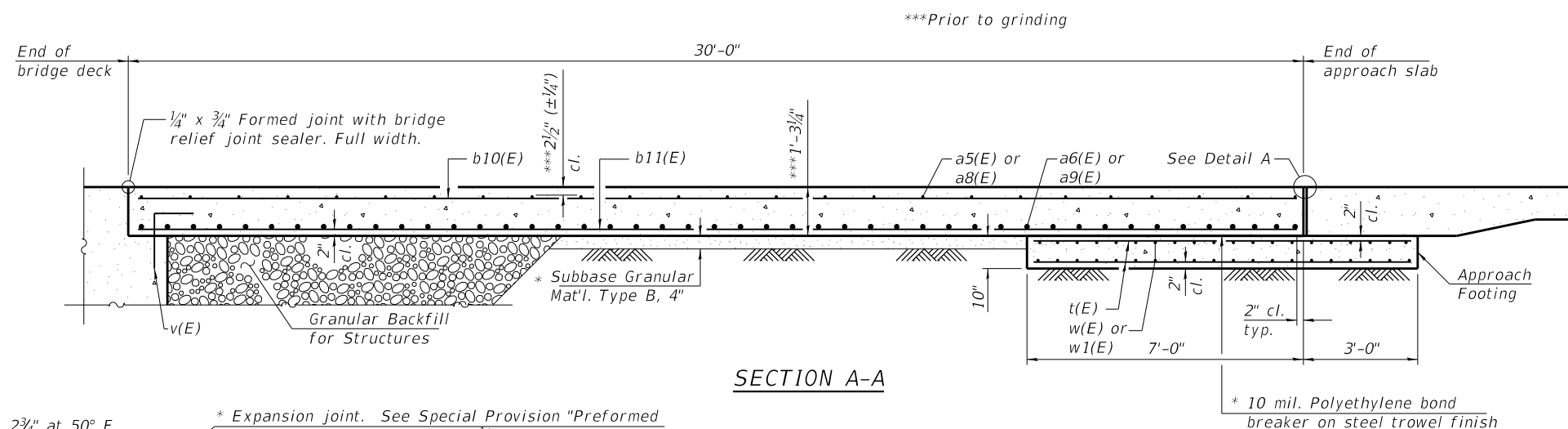
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CONTRACT NO. 68B46				



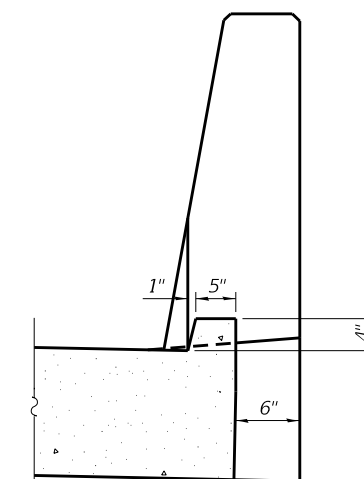
INSIDE ELEVATION OF NORTH PARAPET



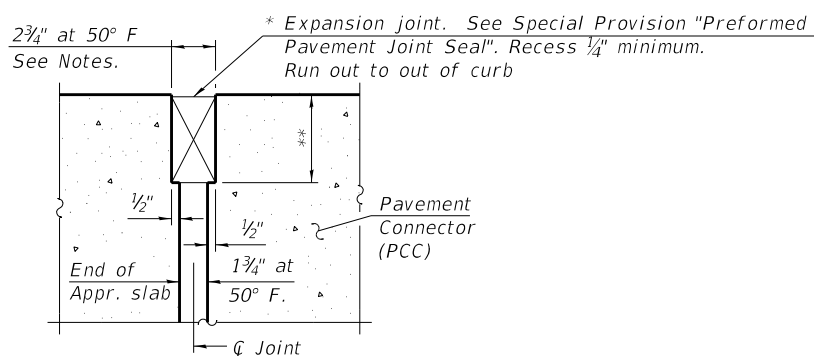
INSIDE ELEVATION OF SOUTH PARAPET AND CURB



SECTION A-A



VIEW B-B



DETAIL A

* Cost included with Concrete Superstructure (Approach Slab).

** Per manufacturer recommendations

Notes:

The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.

Parapet concrete shall be paid for as Concrete Superstructure.

Approach slab shall be paid for as Concrete Superstructure (Approach Slab).

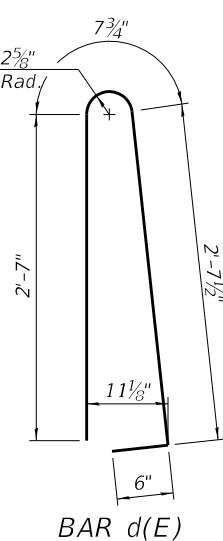
Approach footing concrete shall be paid for as Concrete Structures.

The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.

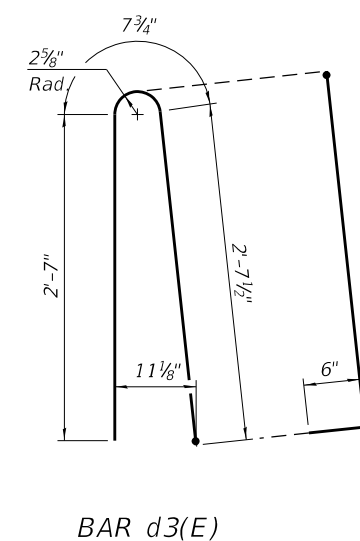
Cost of excavation for approach footing included with Concrete Structures.

For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 34.

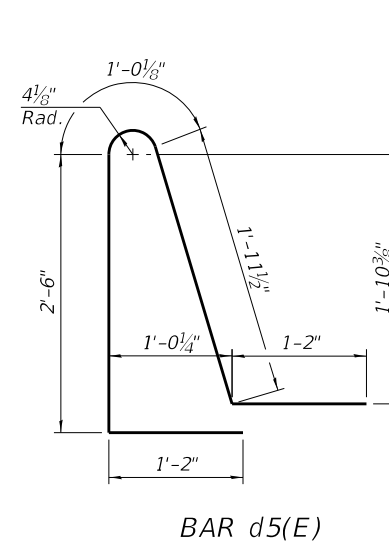
For additional parapet details, see sheet 13 of 34.



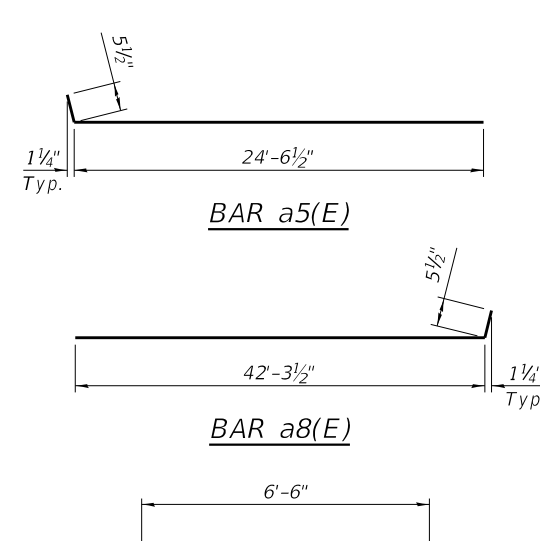
BAR d(E)



BAR d3(E)



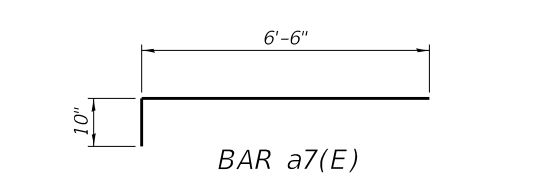
BAR d5(E)



BAR a5(E)



BAR a8(E)



BAR a7(E)

WEST APPROACH
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a5(E)	46	#5	25'-0"	U
a6(E)	60	#8	24'-7"	U
a7(E)	69	#5	7'-4"	U
a8(E)	46	#5	42'-9"	U
a9(E)	60	#8	42'-4"	U
b10(E)	105	#5	29'-8"	U
b11(E)	163	#9	29'-8"	U
b12(E)	1	#4	14'-8"	U
b13(E)	2	#5	14'-8"	U
d(E)	46	#5	6'-5"	U
d3(E)	23	#5	6'-5"	U
d5(E)	69	#5	7'-10"	U
e6(E)	22	#4	14'-8"	U
e7(E)	4	#4	29'-8"	U
t(E)	136	#4	9'-8"	U
w(E)	40	#5	24'-0"	U
w1(E)	40	#5	42'-4"	U
Concrete Structures			Cu. Yd.	20.6
Concrete Superstructure			Cu. Yd.	7.8
Protective Coat			Sq. Yd.	237
Concrete Superstructure (Approach Slab)			Cu. Yd.	94.8
Reinforcement Bars, Epoxy Coated			Pound	39,200
Bridge Deck Grooving (Longitudinal)			Sq. Yd.	147
Diamond Grinding (Bridge Section)			Sq. Yd.	201

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Civil Engineering Design

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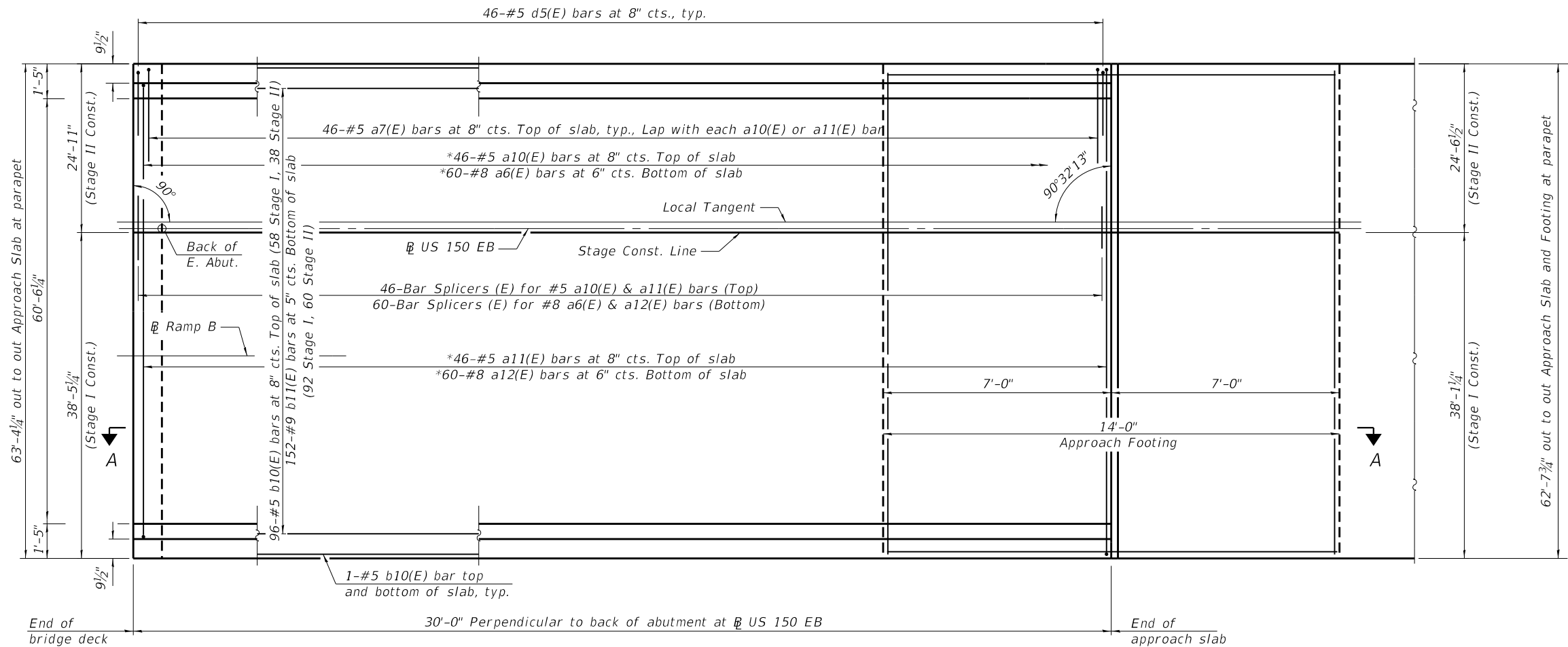
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 072-0250

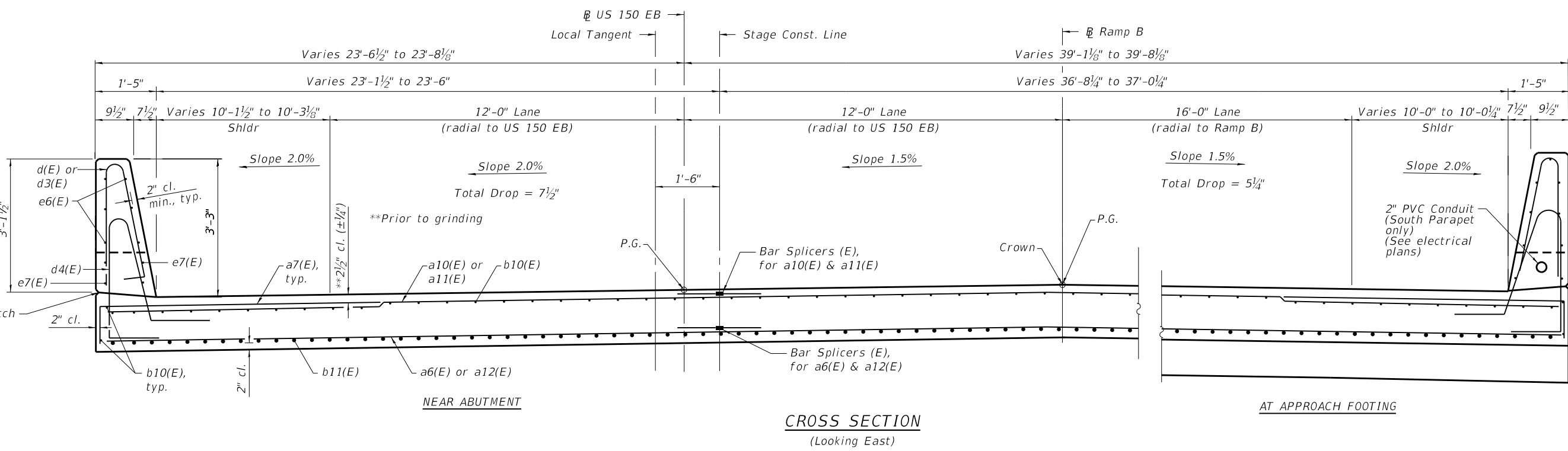
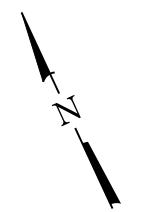
SHEET 17 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B46				
ILLINOIS / FED. AID PROJECT				

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*Cut to fit, if necessary



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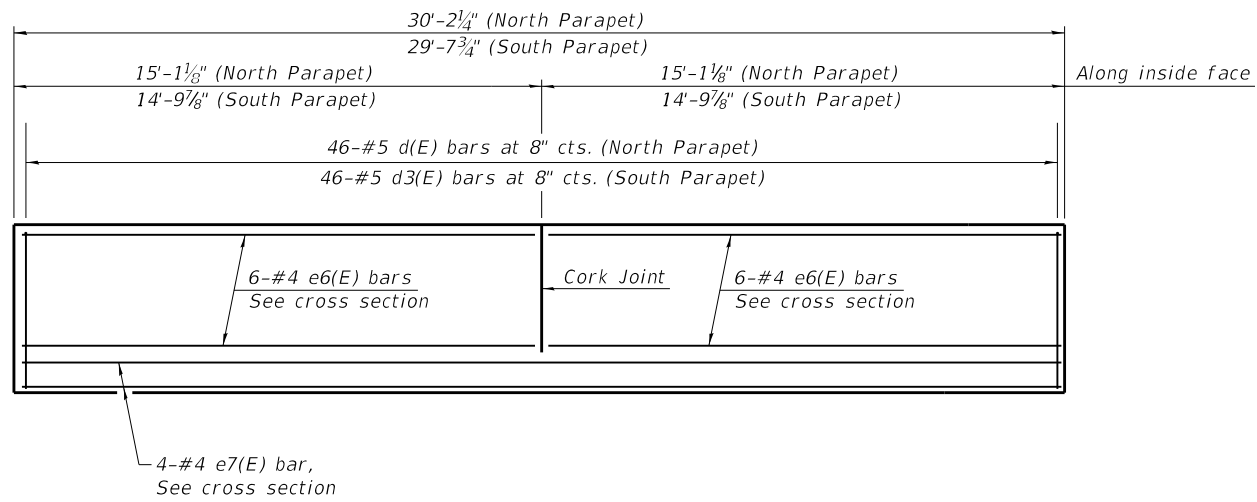
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 072-0250

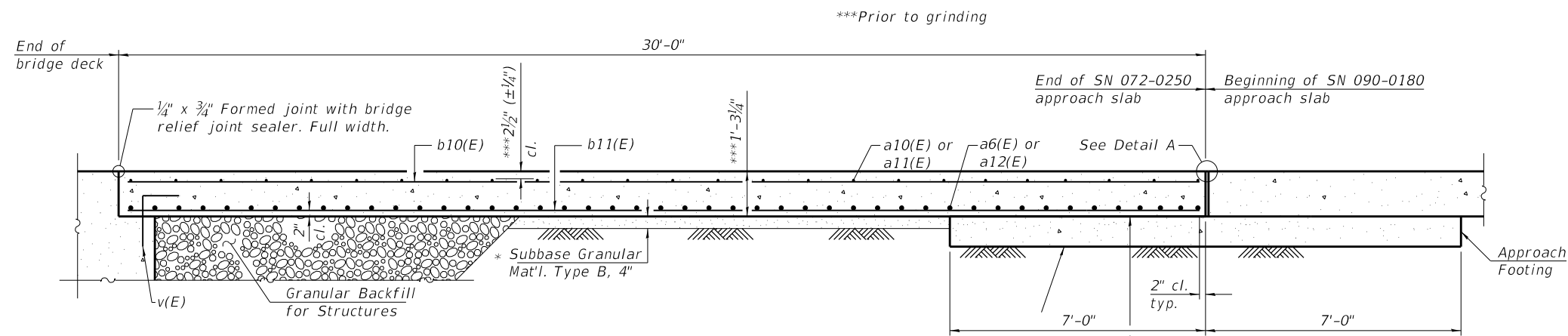
SHEET 18 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT



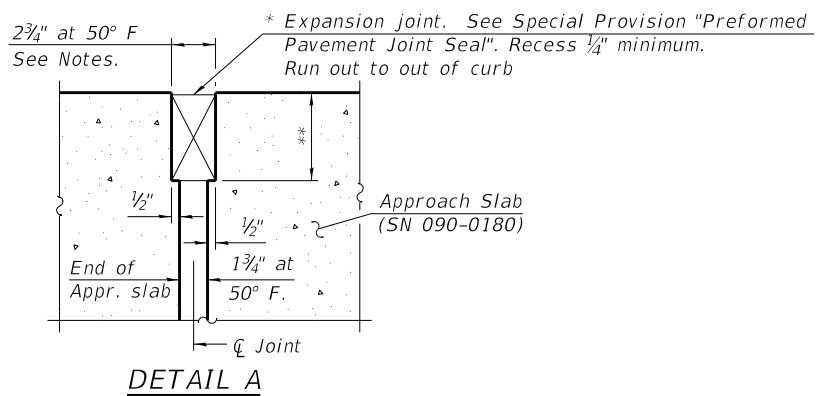
INSIDE ELEVATION OF PARAPETS



SECTION A-A

See SN 090-0180 Plan for details of footing.

* 10 mil. Polyethylene bond breaker on steel trowel finish



DETAIL A

* Cost included with Concrete Superstructure (Approach Slab).

** Per manufacturer recommendations

Notes:

The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.

Parapet concrete shall be paid for as Concrete Superstructure.

Approach slab shall be paid for as Concrete Superstructure (Approach Slab).

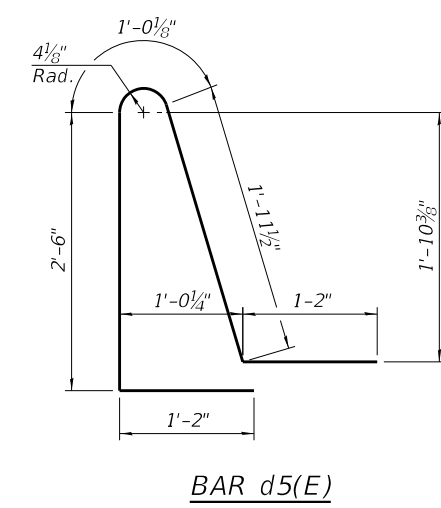
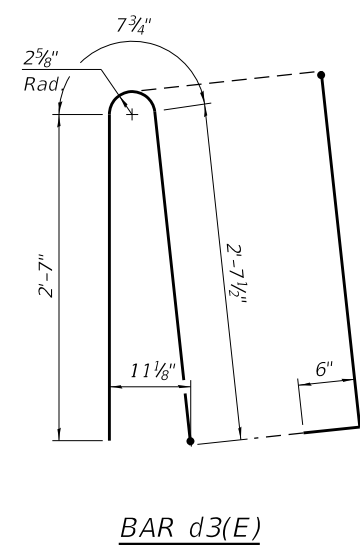
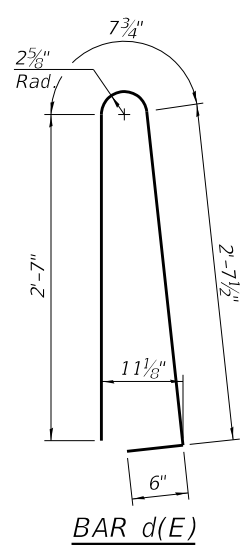
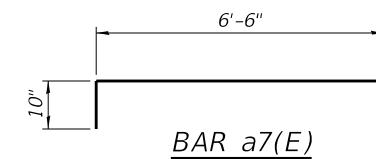
Approach footing concrete shall be paid for as Concrete Structures.

The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.

Cost of excavation for approach footing included with Concrete Structures.

For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 34.

For additional parapet details, see sheet 13 of 34.



EAST APPROACH BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a6(E)	60	#8	24'-7"	—
a7(E)	92	#5	7'-4"	—
a10(E)	46	#5	24'-7"	—
a11(E)	46	#5	38'-1"	—
a12(E)	60	#8	38'-1"	—
b10(E)	100	#5	29'-8"	—
b11(E)	152	#9	29'-8"	—
d(E)	46	#5	6'-5"	⌋
d3(E)	46	#5	6'-5"	⌋
d5(E)	92	#5	7'-10"	⌋
e6(E)	24	#4	14'-8"	—
e7(E)	8	#4	29'-8"	—
Concrete Superstructure		Cu. Yd.	5.8	
Protective Coat		Sq. Yd.	228	
Concrete Superstructure (Approach Slab)		Cu. Yd.	89.2	
Reinforcement Bars, Epoxy Coated		Pound	33,980	
Bridge Deck Grooving (Longitudinal)		Sq. Yd.	133	
Diamond Grinding (Bridge Section)		Sq. Yd.	187	

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Civil Engineering Design

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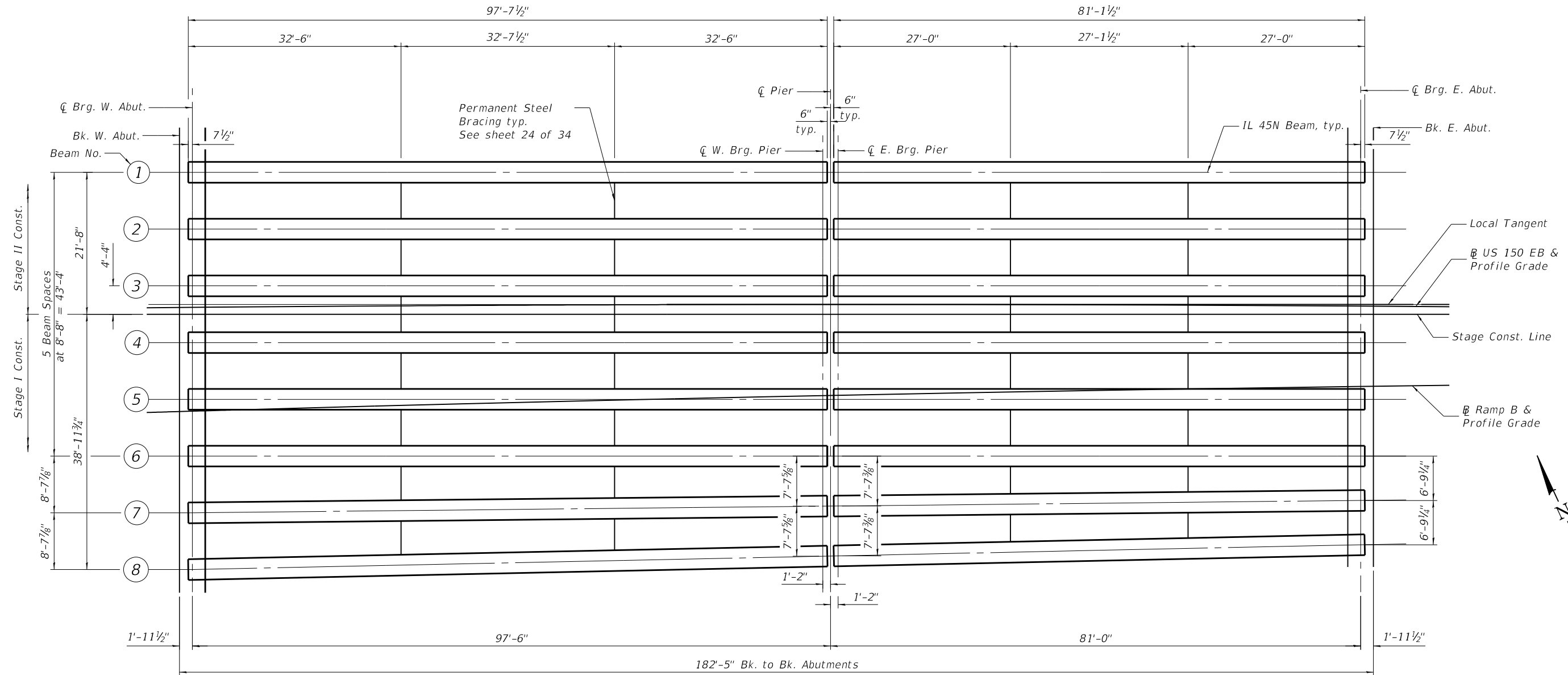
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 072-0250

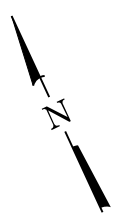
SHEET 19 OF 34 SHEETS

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CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT				

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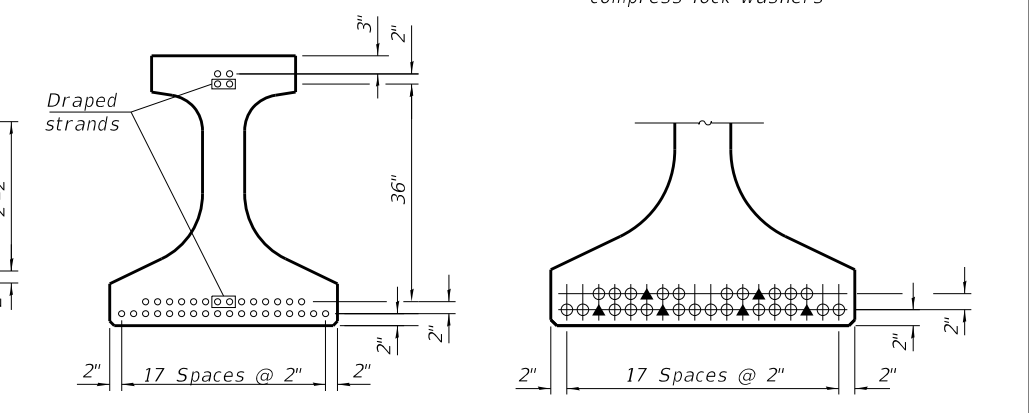
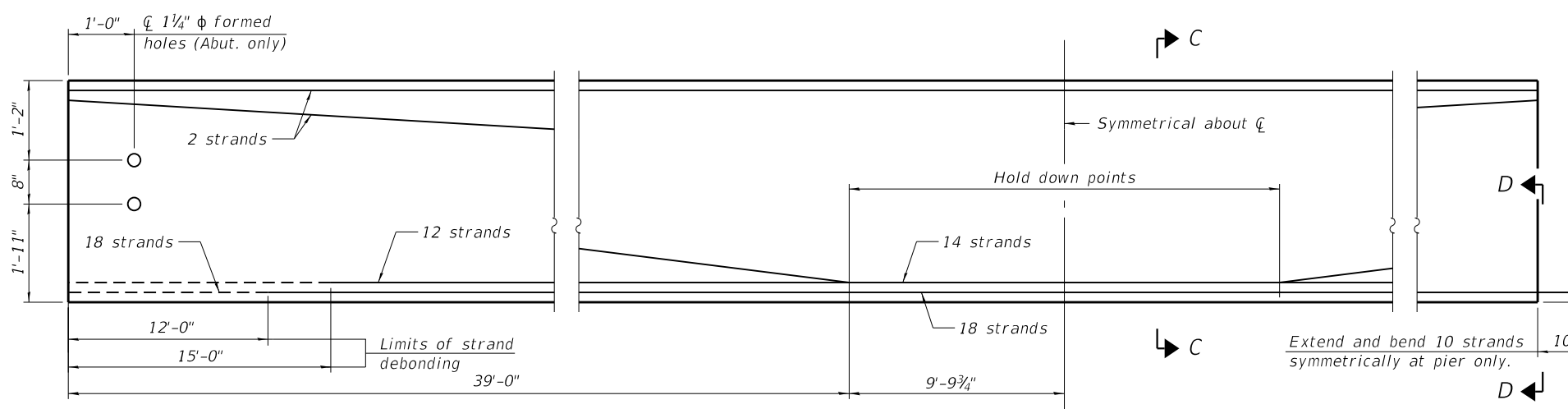
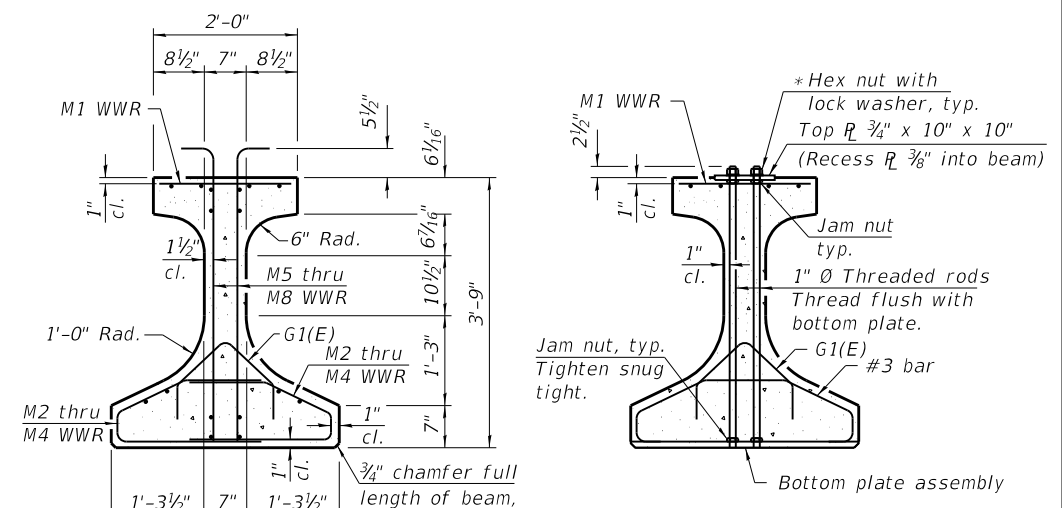
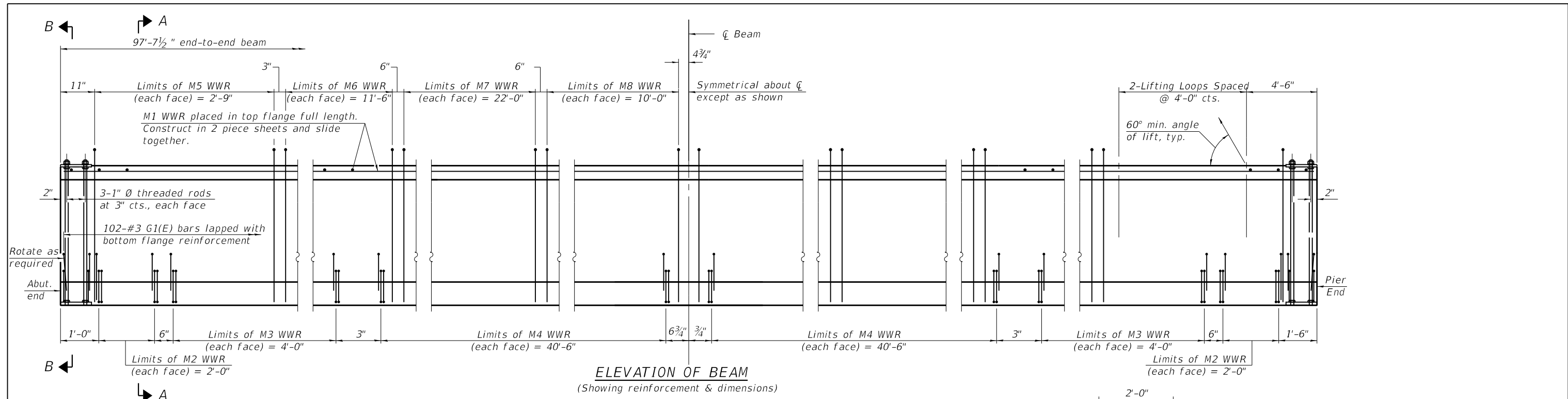
FRAMING PLAN



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Note:
See sheet 23 of 34 for additional details and Bill of Material.

IL45-2438
11/26/2018 8:34:36 AM

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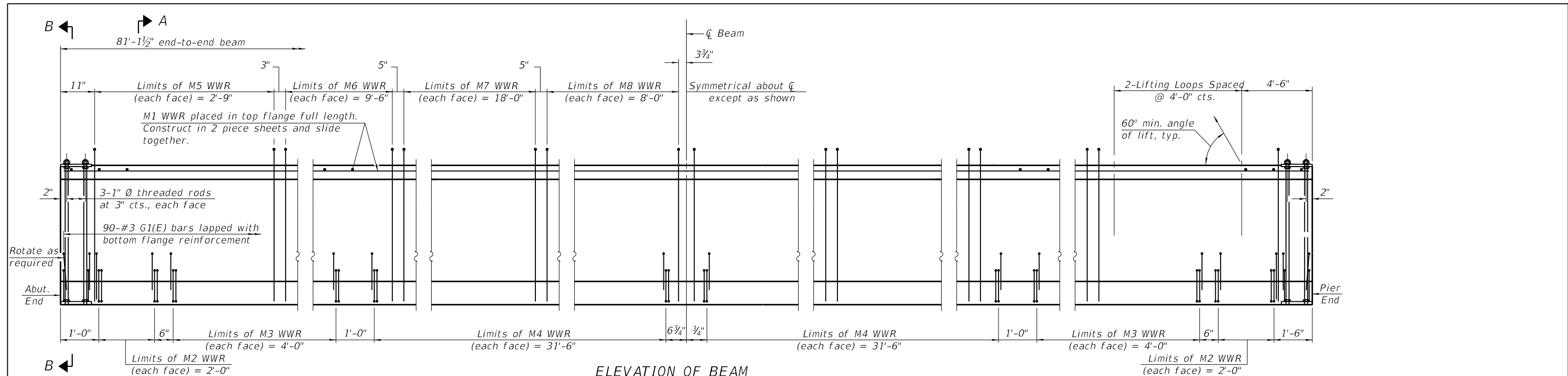
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL45N BEAM - SPAN 1
STRUCTURE NO. 072-0250
SHEET 21 OF 34 SHEETS

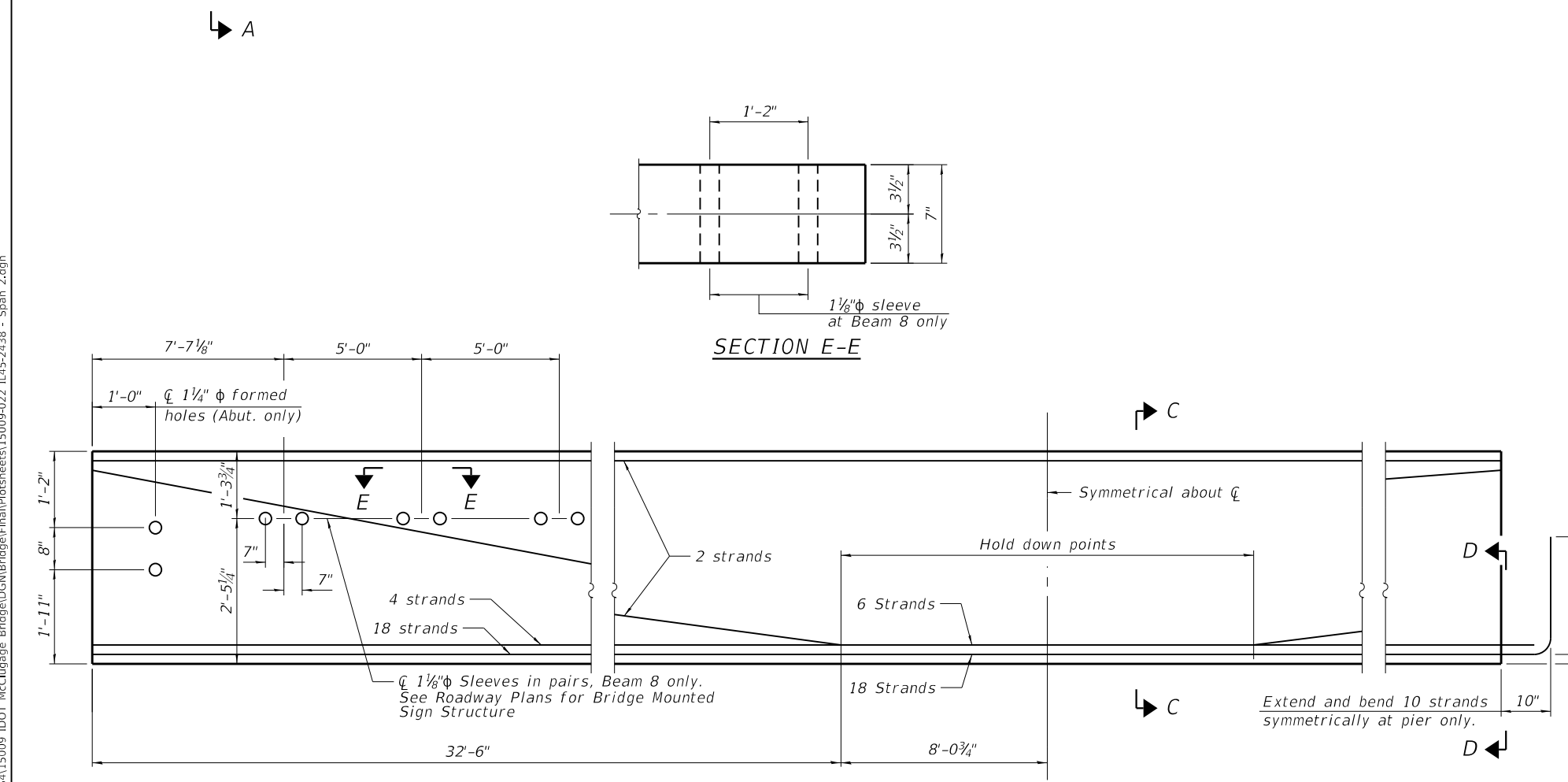
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT

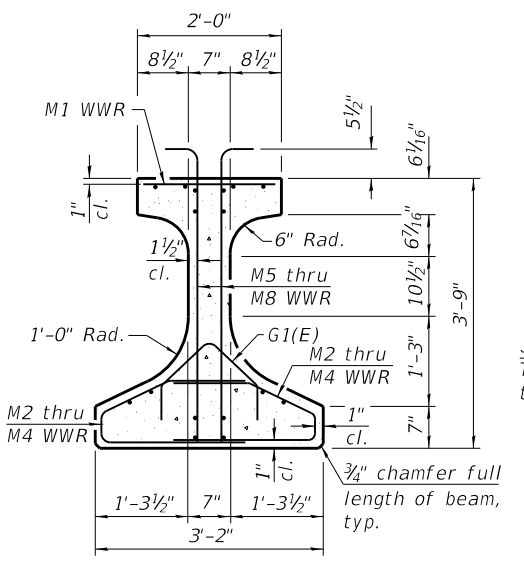
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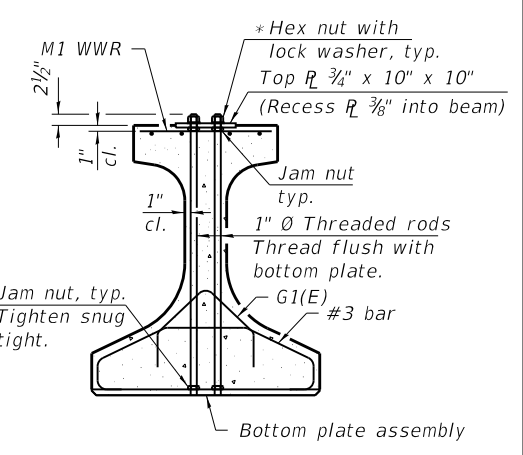
ELEVATION OF BEAM
(Showing reinforcement & dimensions)



ELEVATION OF BEAM
(Showing prestressing steel)

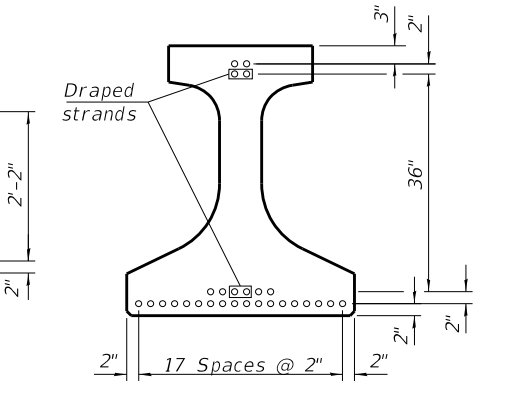


SECTION A-A

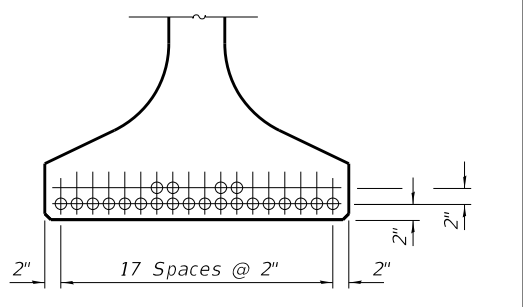


SECTION B-B

*Only tighten sufficiently to compress lock washers



SECTION C-C
(26-0.6" Ø 270 ksi strands)



VIEW D-D

- Fully bonded strand
- ▲ Partially debonded strand

Note:
See sheet 23 of 34 for additional details and Bill of Material.

IL45-2438

2-17-2017

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

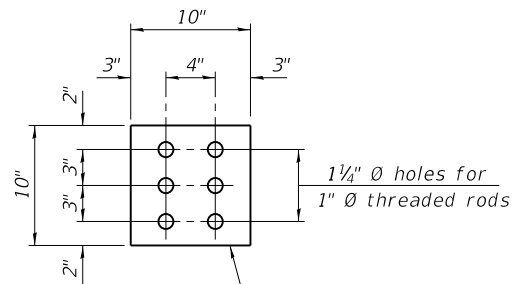
IL45N BEAM - SPAN 2
STRUCTURE NO. 072-0250

SHEET 22 OF 34 SHEETS

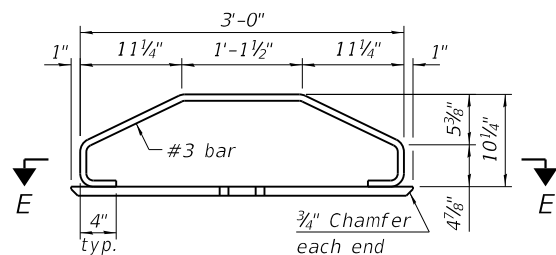
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CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT

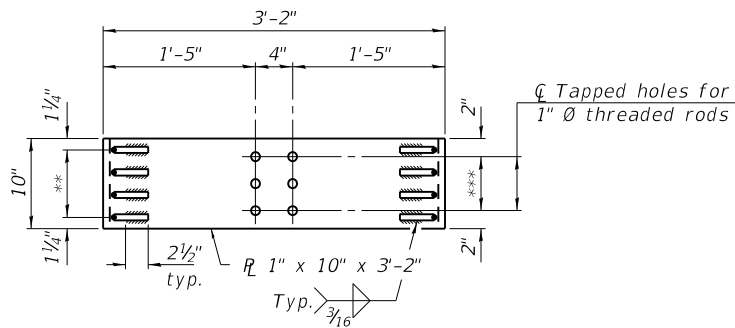
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PLAN - TOP PLATE

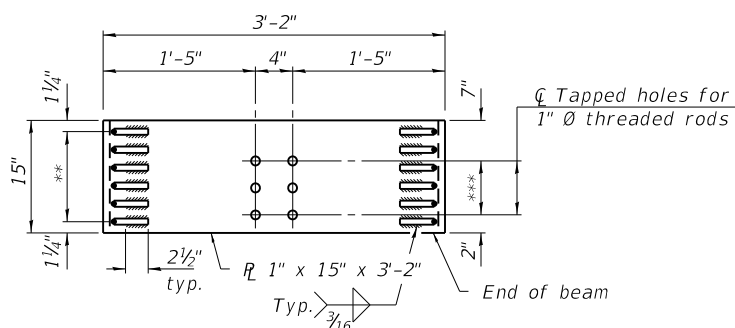


ELEVATION - BOTTOM PLATE ASSEMBLY



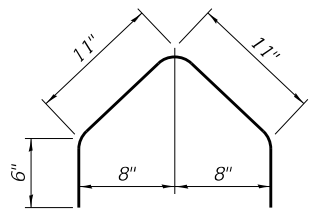
SECTION E-E AT ABUTMENT

** 3 Spaces at 2 1/2" = 7 1/2"
 *** 2 Spaces at 3" = 6"

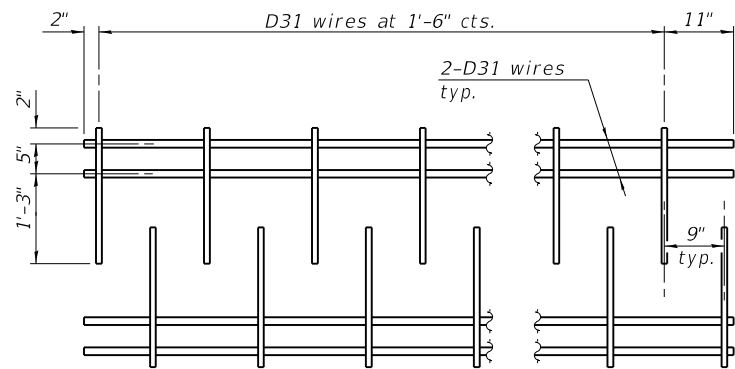


SECTION E-E AT PIER

** 5 Spaces at 2 1/2" = 12 1/2"
 *** 2 Spaces at 3" = 6"

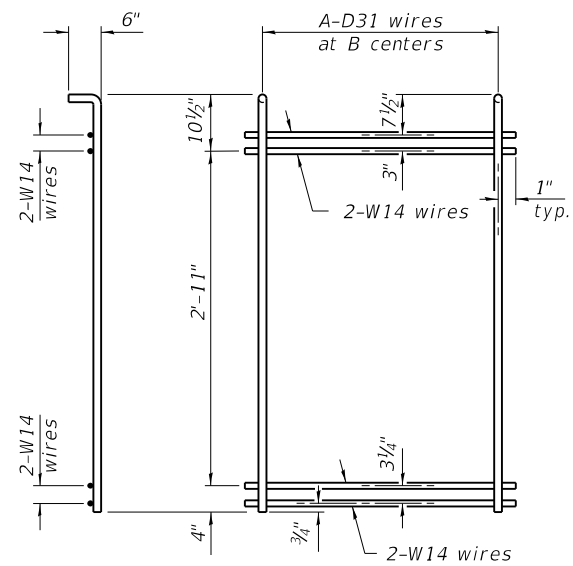


BAR G1(E)



M1 WWR DETAIL

When multiple sheets of M1 WWR are required along the beam length, #5(E) bars (5'-0" long) shall be used to splice the longitudinal D31 wires together (Min. Lap 2'-2").



M5 THRU M8 WWR DETAIL

(See Table of Dimensions)

TABLE OF DIMENSIONS

SPAN 1

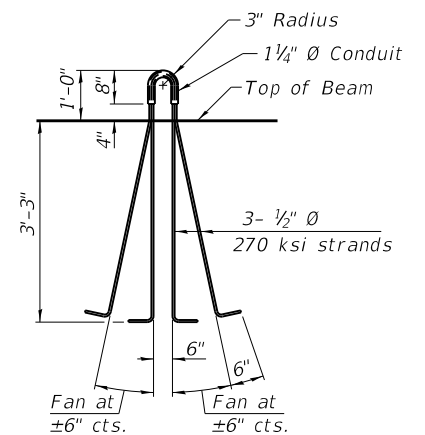
WWR	A	B
M2	9	3"
M3	9	6"
M4	28	1'-6"
M5	12	3"
M6	24	6"
M7	23	1'-0"
M8	6	2'-0"

SPAN 2

WWR	A	B
M2	9	3"
M3	9	6"
M4	22	1'-6"
M5	12	3"
M6	20	6"
M7	19	1'-0"
M8	5	2'-0"

NOTES

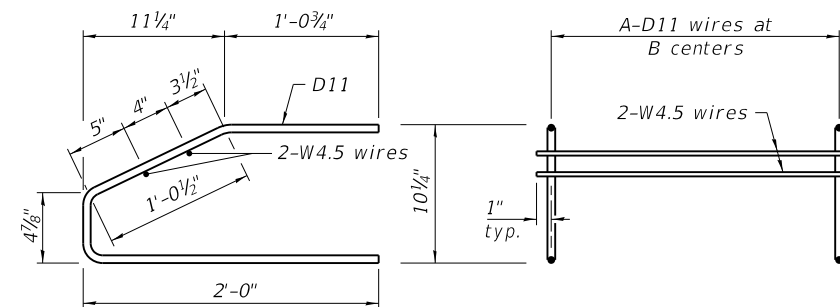
Inserts for 3/4" Ø threaded dowel rods, when specified, are to be two strut, ferrule type for interior beams and single ferrule, flared loop type for exterior beams. Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter for beam strands shall be 0.6" and the nominal cross-sectional area shall be 0.217 sq. in. The nominal diameter for lifting loops shall be 1/2" and the nominal cross sectional area shall be 0.153 sq. in. The beams shall have a final concrete compressive strength, f'c, of 8500 psi and a release concrete compressive strength, f'ci, of 7000 psi. A minimum 2 1/2" Ø lifting pin shall be used to engage the lifting loops during handling. Bend the extended strands inward on the fascia beams to maintain 1 1/2" clearance inside the pier diaphragm. The top and bottom plates shall be AASHTO M270 Grade 50. The top plates and bottom plate assemblies shall be galvanized according to AASHTO M111. The threaded rods, nuts and washers shall be galvanized according to AASHTO M232. Threaded rods shall be ASTM F 1554 Grade 55. Beams shall not be released from the fabricator until they have attained 45 days of age or older. Welded Wire Reinforcement (WWR) shall conform to ASTM A884 with a Class A, Type 1 epoxy coating.



LIFTING LOOP DETAIL

BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Precast Prestressed Concrete Beams, IL45N	Ft.	1430



M2 THRU M4 WWR DETAIL

(See Table of Dimensions)

MODEL: Default
 FILE NAME: \\SERVER12\Projects\54115009 IDOT McCluggage Bridge\DCN\Bridges\15009-023 IL45-2438 Details.dgn

IL45-2438D

2-17-2017

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USER NAME = acb	DESIGNED - JSR	REVISED -
PLOT SCALE = 0:2.0000 " = 1 in.	CHECKED - ACB	REVISED -
PLOT DATE = 11/26/2018	DRAWN - KAB	REVISED -
	CHECKED - ACB	REVISED -

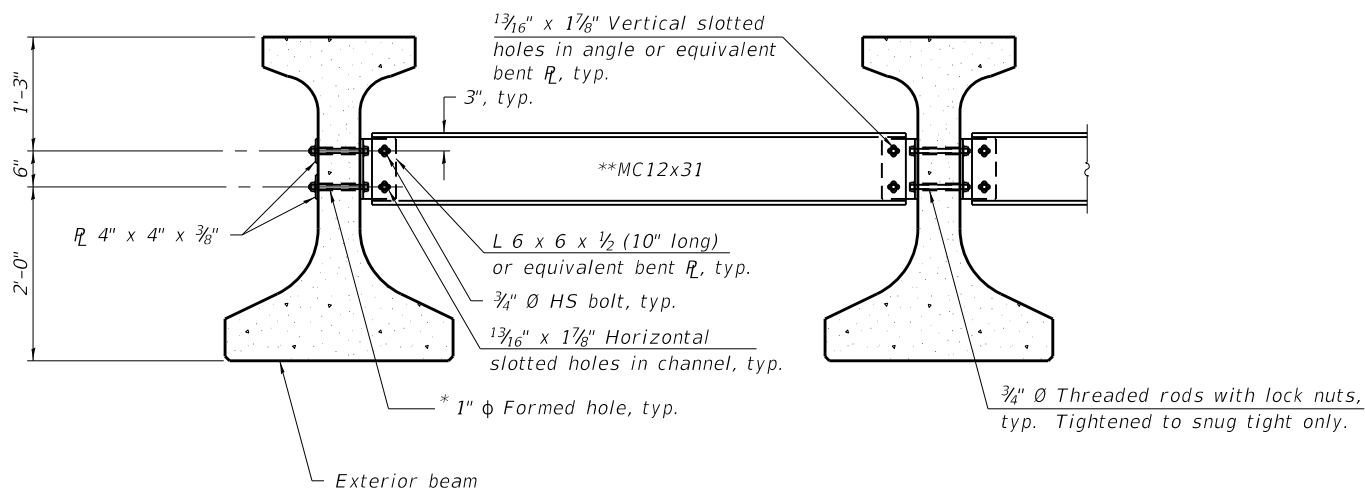
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL45N BEAM DETAILS
 STRUCTURE NO. 072-0250

SHEET 23 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B:(102-1),(14HB))BR/BR	PEORIA	1361	893
CONTRACT NO. 68B46				

ILLINOIS FED. AID PROJECT



Notes:

All material for bracing shall be hot dip galvanized according to AASHTO M111 unless otherwise noted. Two hardened washers are required for each set of oversized holes.

All holes shall be 15/16" Ø unless otherwise noted. 5/16" x 3" x 3" plate washers are required over all slotted holes.

All bolts, threaded rods, and hardware shall be galvanized according to AASHTO M232.

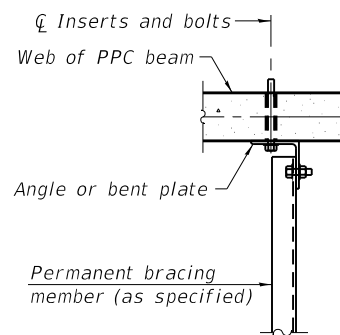
Threaded rods shall be ASTM F 1554 Grade 55.

Bracing shall be installed as beams are erected and tightened as soon as possible during erection.

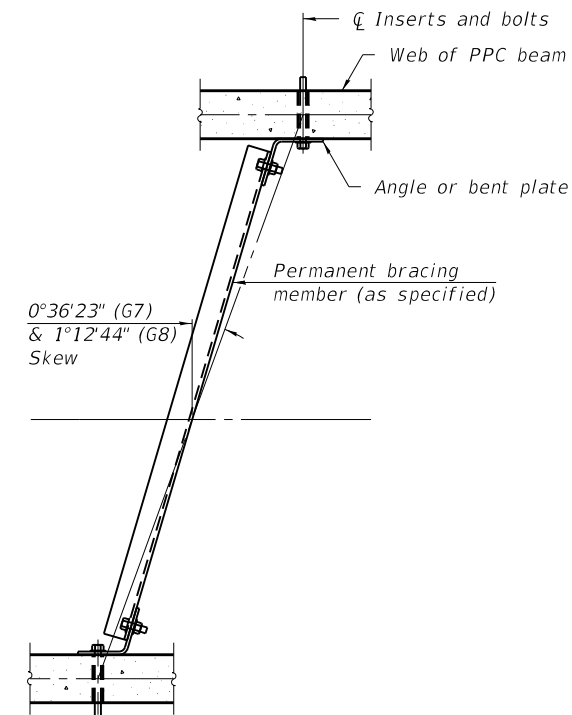
Permanent bracing shall not be paid for separately, but shall be included in the cost of Furnishing and Erecting Precast Prestressed Concrete Beams.

* Fabricator shall locate to miss strands within permissible tolerances.

** Alternate MC12x35 channels are permitted to facilitate material acquisition.



PLAN
(Beams 1 thru 6)



PLAN
(Beams 7 and 8)

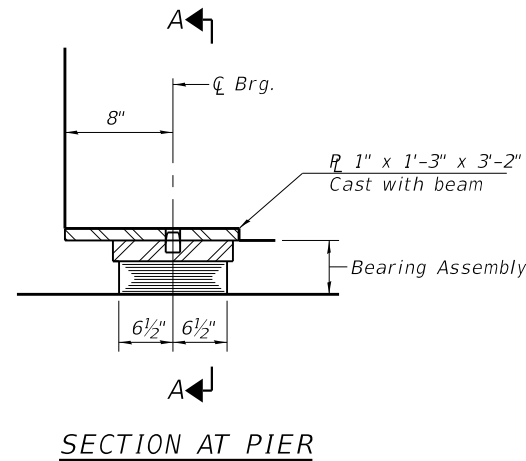
PERMANENT BRACING DETAILS FOR IL45 BEAMS
(28 Required)

	0.4 Sp. 1	Pier	0.6 Sp. 2
I	(in ⁴) 182,623	-	182,623
I'	(in ⁴) 500,579	-	500,579
Sb	(in ³) 10,045	-	10,045
Sb'	(in ³) 16,097	-	16,097
St	(in ³) 6,809	-	6,809
St'	(in ³) 36,007	-	36,007
DC1	(k/ft) 1.75	-	1.75
MDC1	(k) 1952.0	-	1342.2
DC2	(k/ft) 0.14	0.14	0.17
MDC2	(k) 99.8	133.8	64.5
DW	(k/ft) 0.40	0.40	0.40
MDW	(k) 294.4	410.5	152.3
LLDF	(k/ft) 0.7104	0.7280	0.7470
M _L + IM	(k) 1507.0	1462.6	1266.5

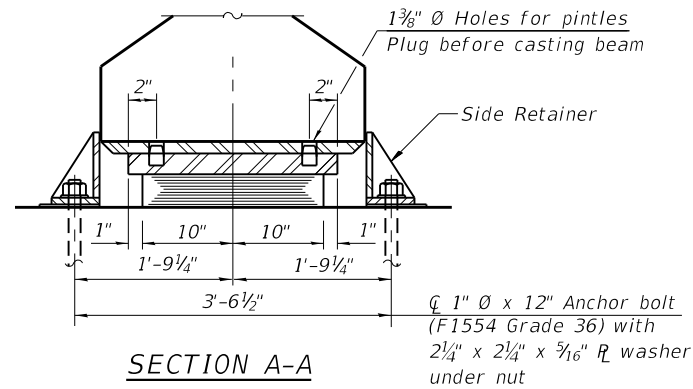
	W. Abut		Pier Span 1		Pier Span 2		E. Abut	
	Interior	Exterior	Interior	Exterior	Interior	Exterior	Interior	Exterior
LLDF	0.8610	0.6739	0.8610	0.6739	0.8610	0.6739	0.8610	0.6739
OCF	-	1.00	-	1.00	-	1.00	-	1.00
RDC1 (k)	85.5	79.9	85.5	79.9	70.9	66.3	70.9	66.3
* RDC2 (k)	5.2	5.2	7.7	7.7	9.6	9.6	4.8	4.8
* RDW (k)	15.4	15.4	22.6	22.6	22.6	22.6	11.2	11.2
* R _L + IM (k)	95.3	74.6	86.7	67.9	86.7	67.9	90.3	70.7
RTotal (k)	201.4	175.1	202.5	178.1	189.8	166.4	177.3	153.0

* At continuous piers, reactions from composite loads are assumed to be equally distributed to each bearing line.

MODEL: Default
FILE NAME: \\SERVER12\Projects\5541\5009 IDOT McCluggage Bridge\DCN\Bridges\15009-024 IL45-2438 Details.dgn

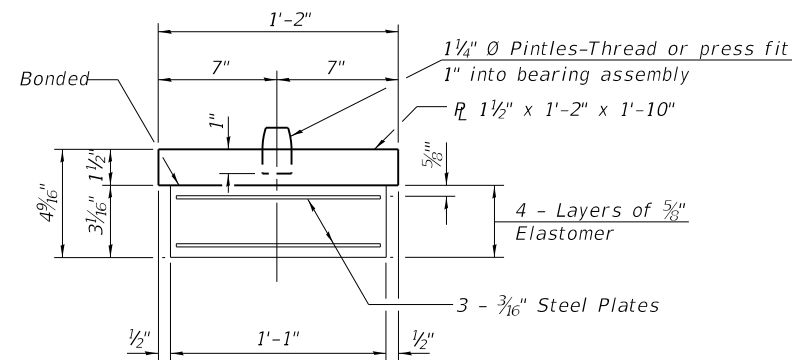


SECTION AT PIER

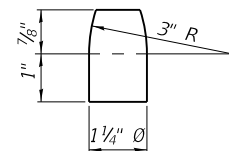


SECTION A-A

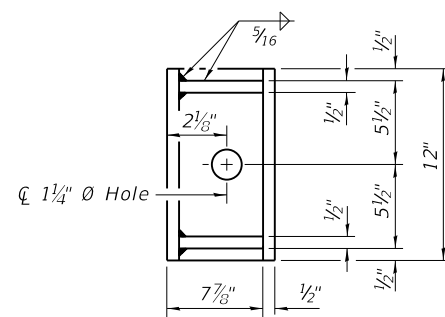
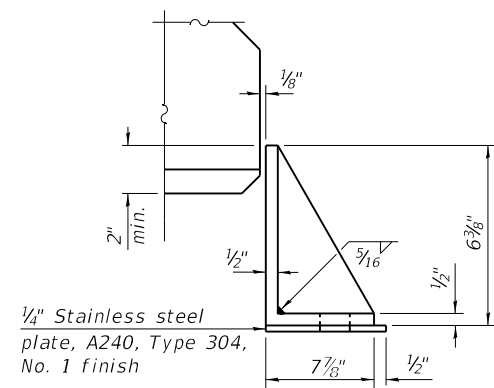
TYPE I ELASTOMERIC EXP. BRG.



BEARING ASSEMBLY



PINTLE



SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

Notes:
 Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
 Side retainers and other steel members required for the bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I.
 See sheet 23 of 34 for additional details of plate cast with beam.
 Anchor bolts and side retainers at all supports shall be installed as each member is erected unless an equivalent temporary means of lateral restraint is used.
 All (embedded and separate) bearing plates, side retainers, anchor bolts, nuts, washers and pintles shall be galvanized according to AASHTO M111 or M232 as applicable.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	16
Anchor Bolts, 1"	Each	32

MODEL: Default
 FILE NAME: \\SERVER12\Projects\54115009 IDOT McCluggage Bridge\DCN\Bridges\Final\Plotsheets\15009-025 Bearing Details.dgn

PI-2E-1

8-11-2017

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USER NAME = acb	DESIGNED - JSR	REVISED -
PLOT SCALE = 0:2.0000 " = 1"	CHECKED - ACB	REVISED -
PLOT DATE = 11/26/2018	DRAWN - KAB	REVISED -
	CHECKED - ACB	REVISED -

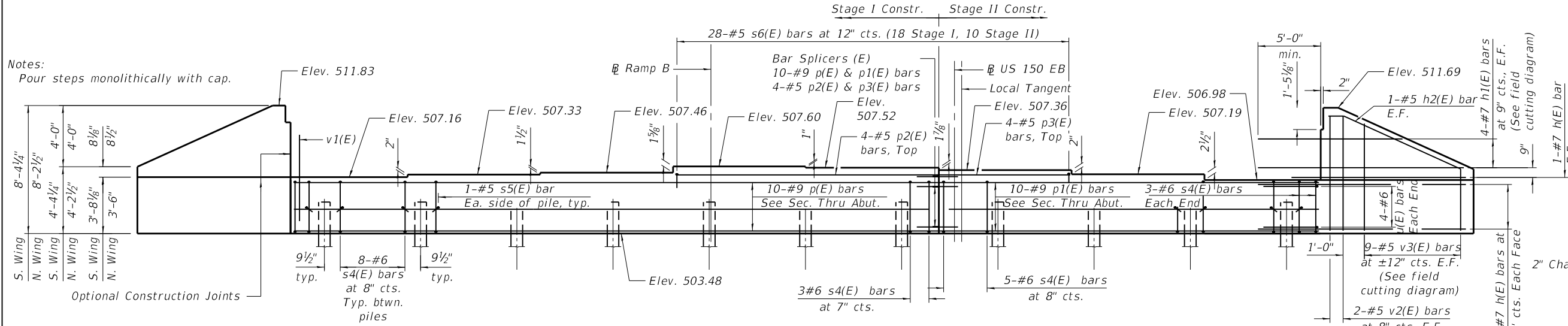
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BEARING DETAILS
 STRUCTURE NO. 072-0250

SHEET 25 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B:(102-1),(14HB))BR	PEORIA	1361	895
			CONTRACT NO. 68B46	
		ILLINOIS	FED. AID PROJECT	

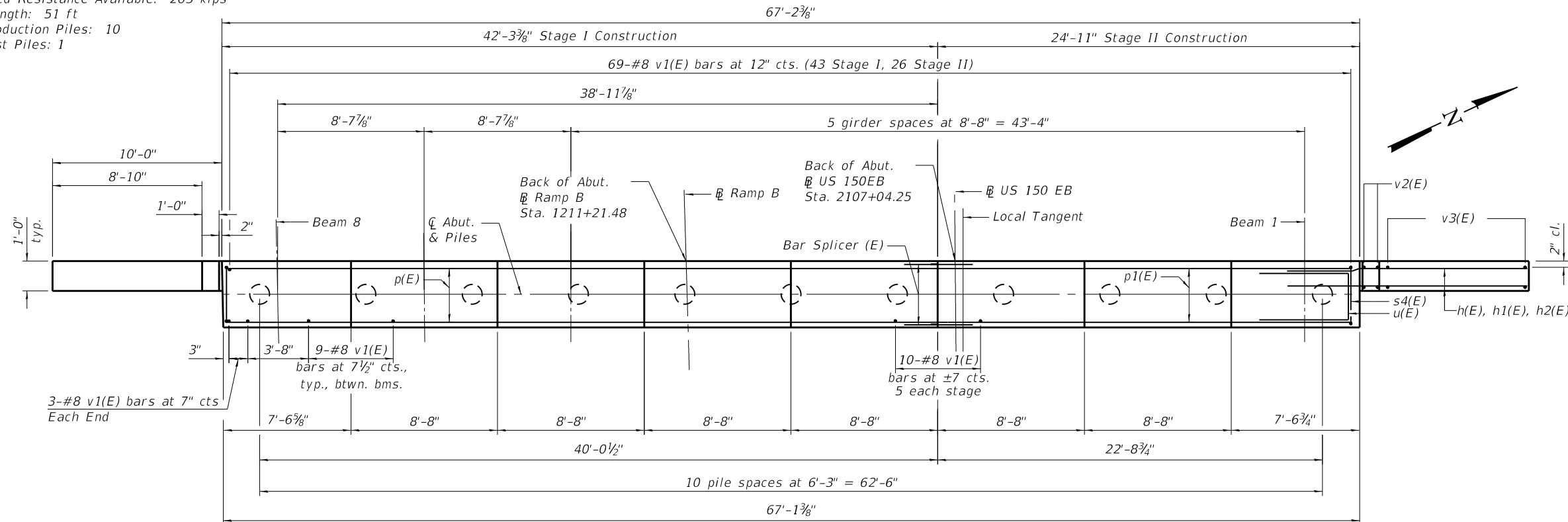
Notes:
Pour steps monolithically with cap.



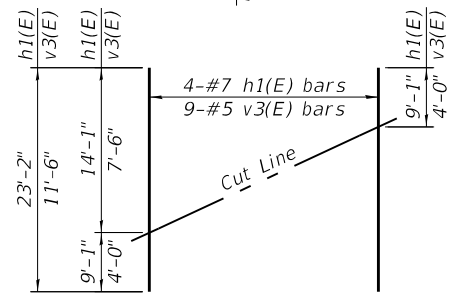
PILE DATA

Type: Metal Shell Piles 14"x0.312"
Nominal Required Bearing: 478 kips
Factored Resistance Available: 263 kips
Est. Length: 51 ft
No. Production Piles: 10
No. Test Piles: 1

ELEVATION
(Looking West)

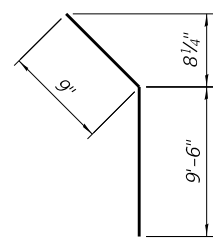


PLAN

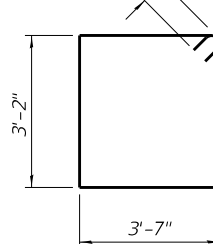


FIELD CUTTING DIAGRAM

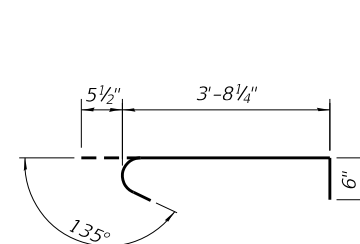
Order h1(E) and v3(E) full length. Cut as shown and use remainder of bars in opposite face.



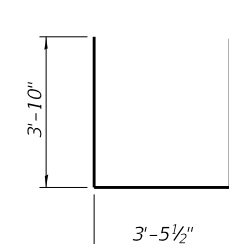
BAR h2(E)



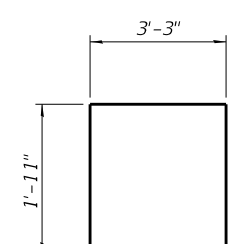
BAR s4(E)



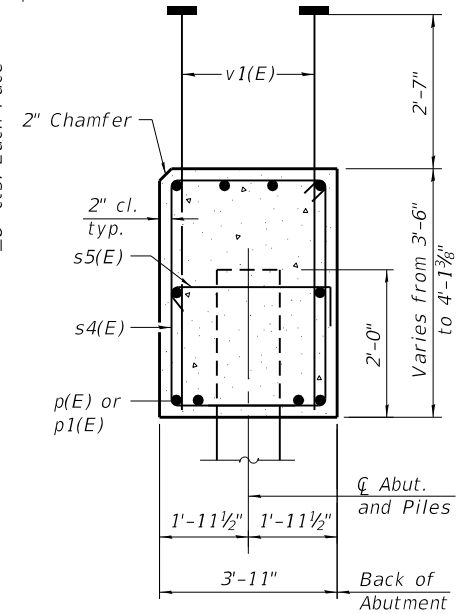
BAR s5(E)



BAR u(E)



BAR s6(E)



SEC. THRU ABUT.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	28	#7	14'-10"	—
h1(E)	8	#7	23'-2"	—
h2(E)	4	#5	10'-3"	—
p(E)	10	#9	41'-11"	—
p1(E)	10	#9	24'-7"	—
p2(E)	4	#5	17'-0"	—
p3(E)	4	#5	8'-4"	—
s4(E)	86	#6	14'-10"	□
s5(E)	22	#5	4'-8"	┌
s6(E)	28	#5	7'-1"	└
u(E)	8	#6	11'-2"	└
v1(E)	139	#8	5'-11"	—
v2(E)	8	#5	7'-11"	—
v3(E)	18	#5	11'-6"	—
Structure Excavation		Cu. Yd.	3	
Concrete Structures		Cu. Yd.	42.3	
Reinforcement Bars, Epoxy Coated		Pound	8,480	
Furnishing Metal Shell Piles 14"x0.312"		Foot	510	
Driving Piles		Foot	510	
Test Pile Metal Shells		Each	1	

For details of piles see sheet 30 of 34.

MODEL: Default
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AI-40-0

2-17-2017

EFK Moen
Civil Engineering Design

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PLOT DATE = 11/26/2018	DRAWN - KAB	REVISED -
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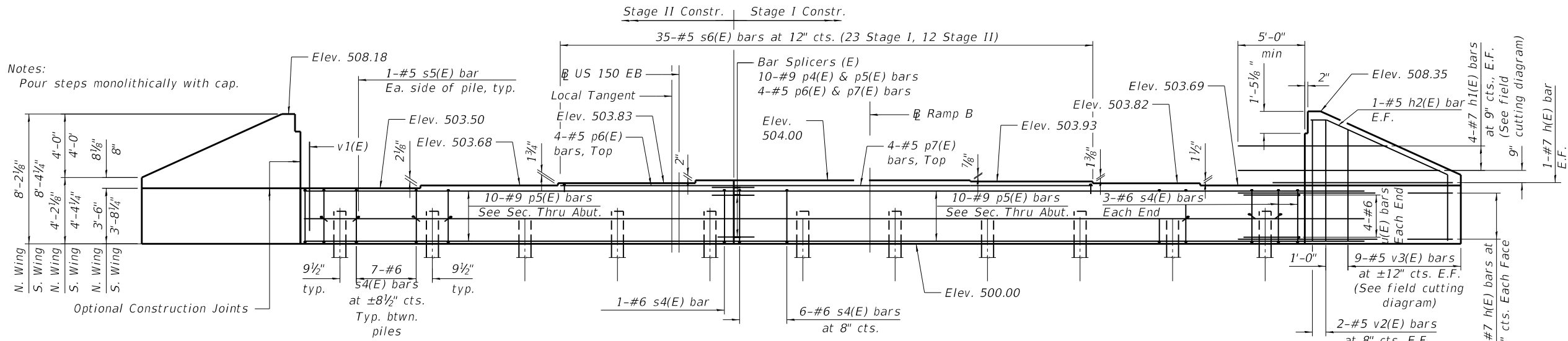
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT
STRUCTURE NO. 072-0250

SHEET 26 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B)(102-1)(14HB)BR	PEORIA	1361	896
CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT				

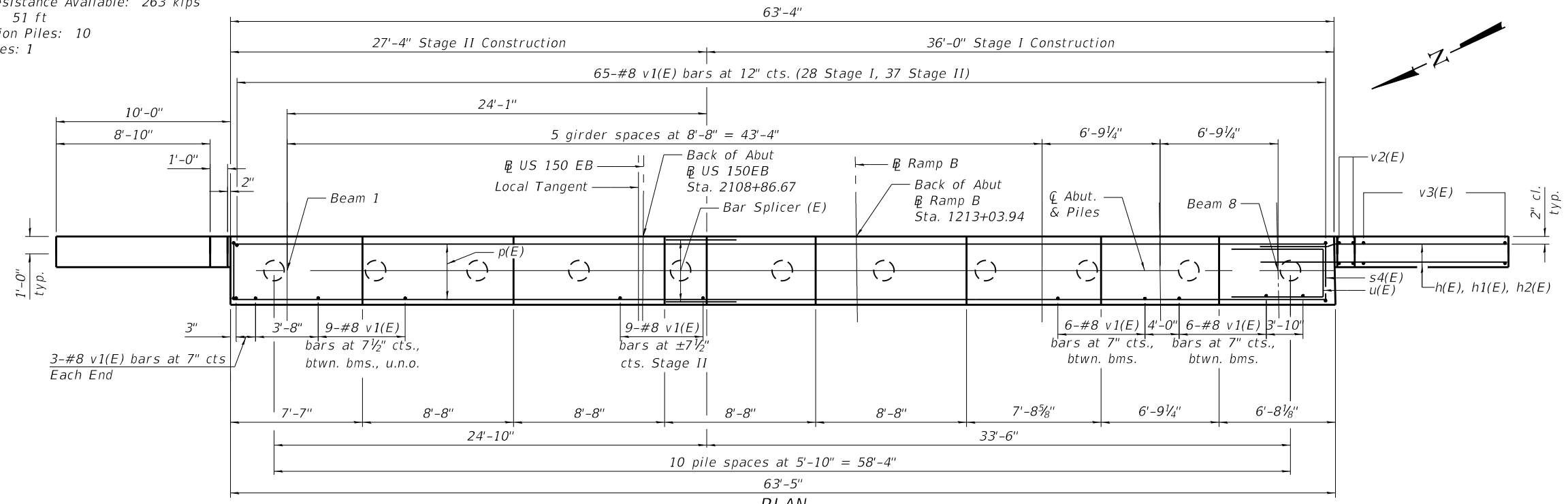
Notes:
Pour steps monolithically with cap.



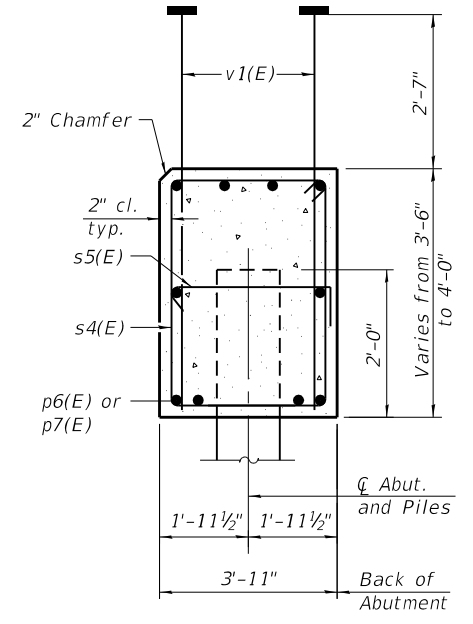
PILE DATA

Type: Metal Shell Piles 14"x0.312"
Nominal Required Bearing: 478 kips
Factored Resistance Available: 263 kips
Est. Length: 51 ft
No. Production Piles: 10
No. Test Piles: 1

ELEVATION
(Looking East)



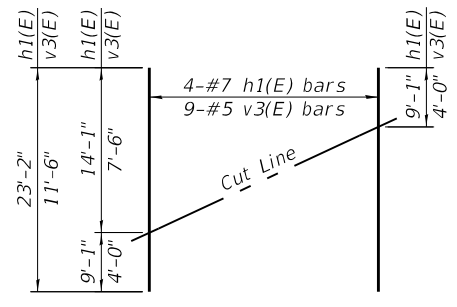
PLAN



SEC. THRU ABUT.

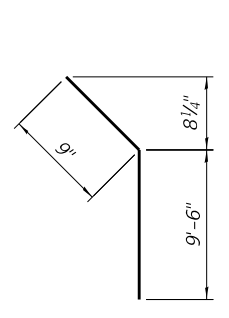
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	28	#7	14'-10"	—
h1(E)	8	#7	23'-2"	—
h2(E)	4	#5	10'-3"	—
p4(E)	10	#9	27'-0"	—
p5(E)	10	#9	35'-8"	—
p6(E)	4	#5	10'-9"	—
p7(E)	4	#5	22'-3"	—
s4(E)	76	#6	14'-10"	□
s5(E)	22	#5	4'-8"	┌
s6(E)	35	#5	7'-1"	└
u(E)	8	#6	11'-2"	└
v1(E)	128	#8	5'-11"	—
v2(E)	8	#5	7'-11"	—
v3(E)	18	#5	11'-6"	—
Structure Excavation		Cu. Yd.	3	
Concrete Structures		Cu. Yd.	39.9	
Reinforcement Bars, Epoxy Coated		Pound	8,040	
Furnishing Metal Shell Piles 14"x0.312"		Foot	510	
Driving Piles		Foot	510	
Test Pile Metal Shells		Each	1	

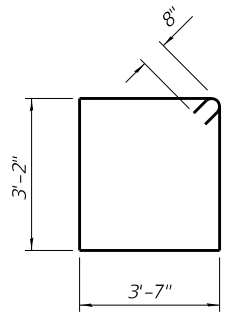


FIELD CUTTING DIAGRAM

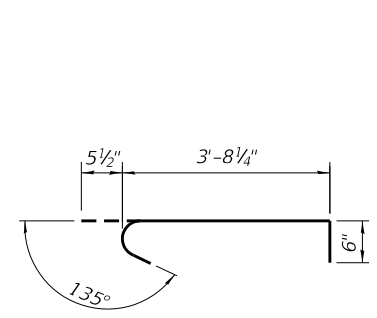
Order h1(E) and v3(E) full length. Cut as shown and use remainder of bars in opposite face.



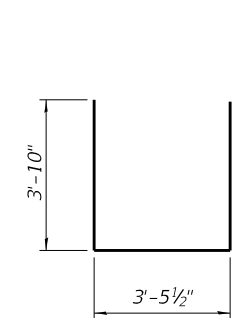
BAR h2(E)



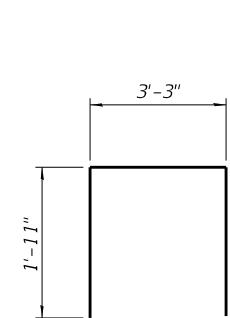
BAR s4(E)



BAR s5(E)



BAR u(E)



BAR s6(E)

For details of piles see sheet 30 of 34.

AI->40-0

2-17-2017

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Civil Engineering Design

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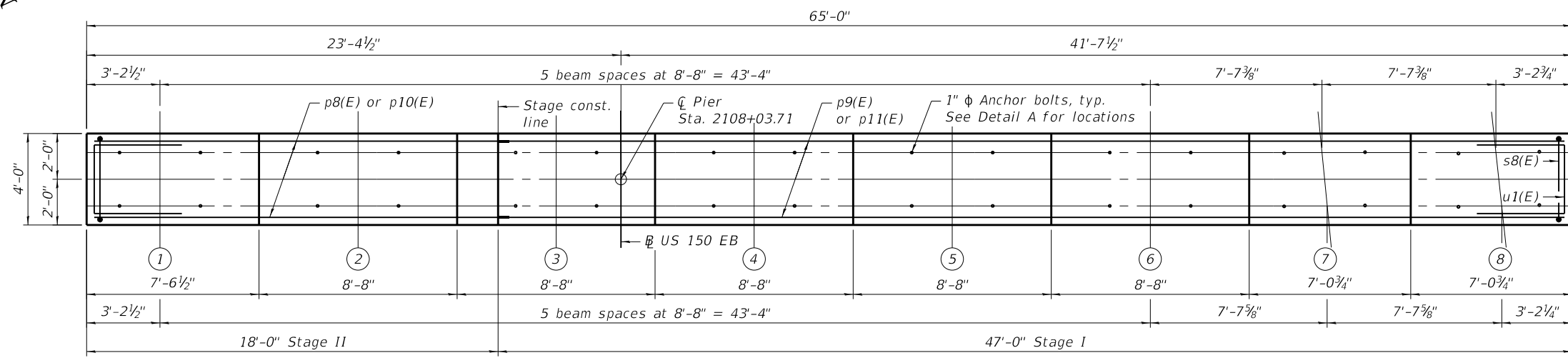
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST ABUTMENT
STRUCTURE NO. 072-0250

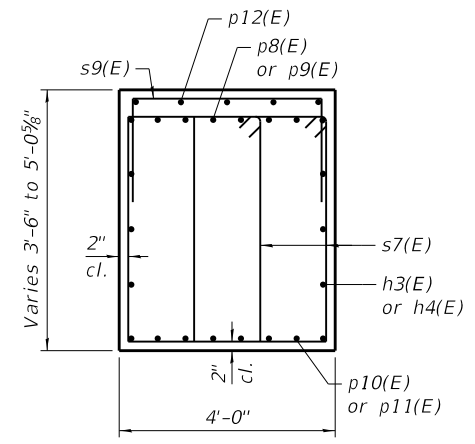
SHEET 27 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT				

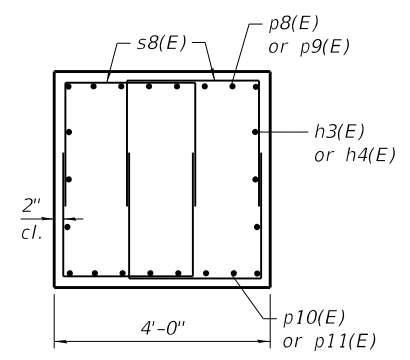
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11/26/2018 8:34:58 AM



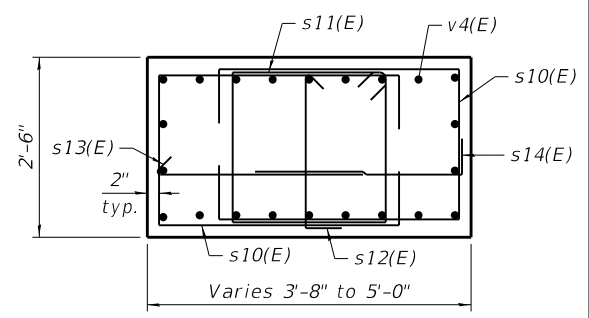
TOP PLAN



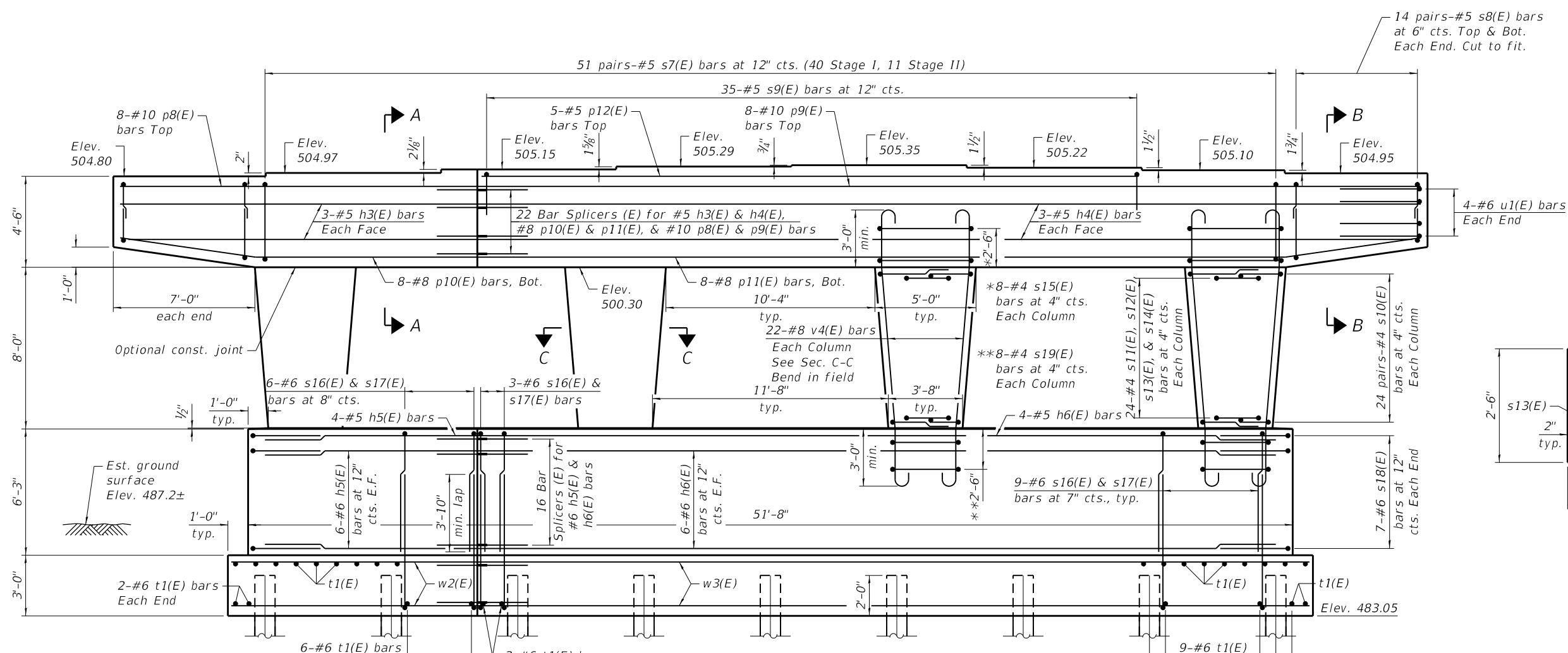
SECTION A-A



SECTION B-B



SECTION C-C



ELEVATION
(Looking East)

Notes:
Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.
For details of piles, see sheet 30 of 34.

MODEL: Default
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11/26/2018 8:35:04 AM

EFK Moen
Civil Engineering Design

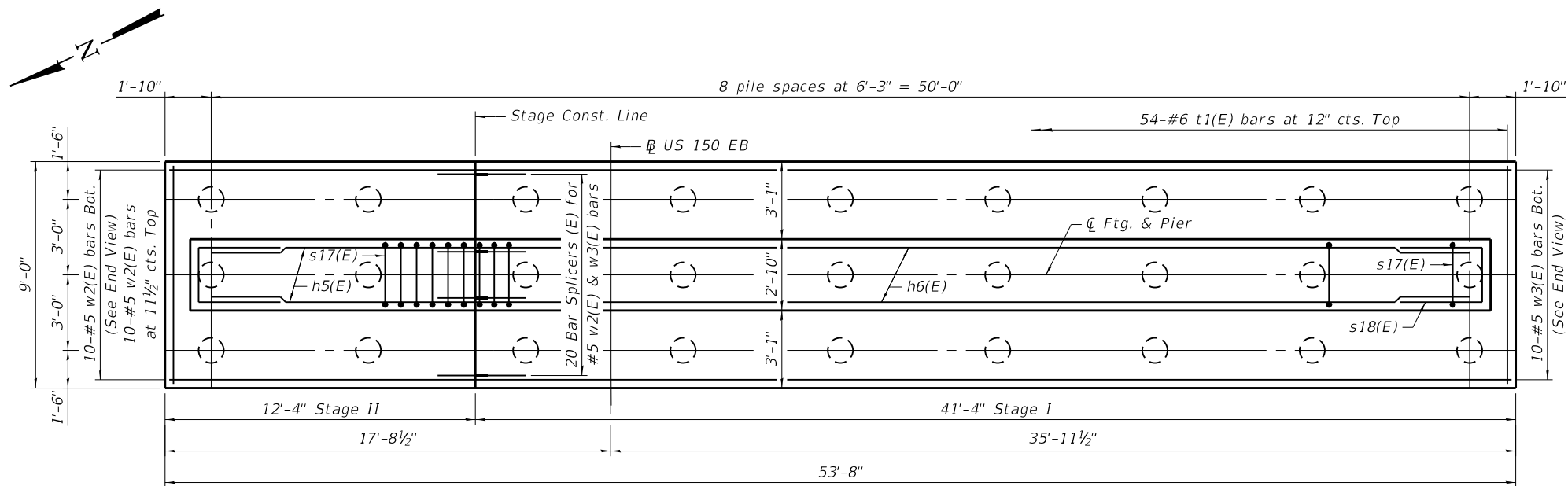
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PLOT DATE = 11/26/2018	DRAWN - KAB	REVISED -
	CHECKED - ACB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

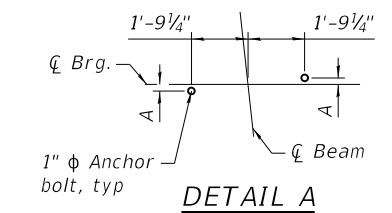
PIER
STRUCTURE NO. 072-0250

SHEET 28 OF 34 SHEETS

F.A.P. RTE. 317	SECTION (15B:(102-1),(14HB)BR)BR	COUNTY PEORIA	TOTAL SHEETS 1361	SHEET NO. 898
CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT				



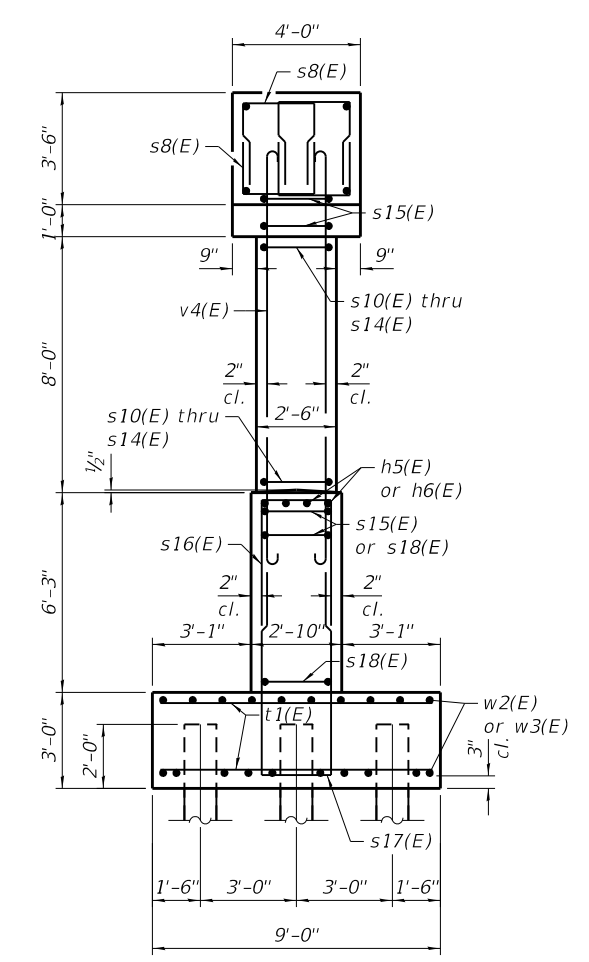
FOOTING PLAN



DETAIL A

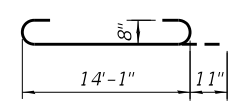
A DIMENSIONS

Beam	A
Beams 1-6	0"
Beam 7	1/4"
Beam 8	1/2"

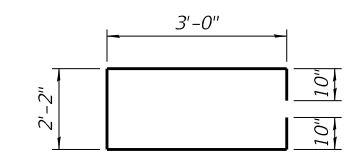


END VIEW

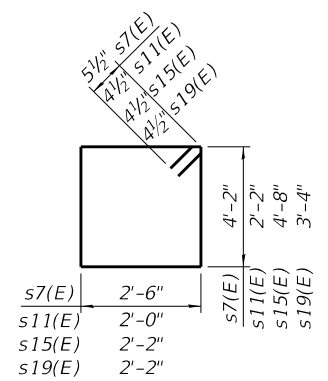
PILE DATA
 Type: Metal Shell Piles 12" x 0.250"
 Nominal Required Bearing: 348 kips
 Factored Resistance Available: 191 kips
 Est. Length: 31 ft
 No. Production Piles: 26
 No. Test Piles: 1



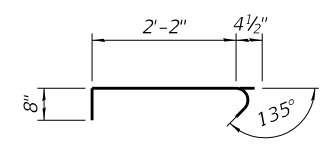
BAR v4(E)



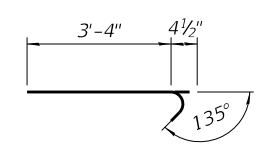
BAR s10(E)



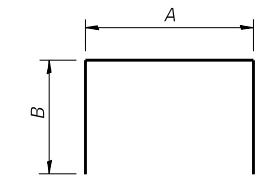
BAR s7(E), s11(E), s15(E), & s19(E)



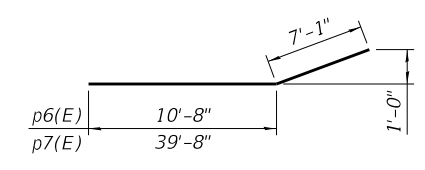
BAR s12(E)



BAR s13(E)



BARS



BAR p6(E) & p7(E)

A & B DIMENSIONS

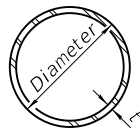
Bar	A	B
s8(E)	2'-6"	3'-2"
s9(E)	3'-6"	1'-11"
s16(E)	2'-6"	6'-0"
s17(E)	2'-6"	6'-9"
s18(E)	2'-4"	3'-10"
u1(E)	3'-6"	3'-10"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h3(E)	6	#5	17'-8"	—
h4(E)	6	#5	46'-8"	—
h5(E)	16	#6	11'-0"	—
h6(E)	16	#6	40'-0"	—
p8(E)	8	#10	17'-8"	—
p9(E)	8	#10	46'-8"	—
p10(E)	8	#8	17'-9"	—
p11(E)	8	#8	46'-9"	—
p12(E)	5	#5	32'-6"	—
s7(E)	102	#5	14'-3"	□
s8(E)	112	#5	8'-10"	□
s9(E)	35	#5	7'-4"	□
s10(E)	192	#4	9'-10"	□
s11(E)	96	#4	9'-1"	□
s12(E)	96	#4	3'-3"	□
s13(E)	96	#4	3'-9"	□
s14(E)	96	#4	4'-2"	□
s15(E)	32	#4	14'-5"	□
s16(E)	72	#6	14'-6"	□
s17(E)	72	#6	16'-0"	□
s18(E)	14	#6	10'-0"	□
s19(E)	32	#4	11'-9"	□
t1(E)	130	#6	8'-8"	—
u1(E)	8	#6	11'-2"	□
v4(E)	88	#8	15'-11"	□
w2(E)	20	#5	12'-0"	—
w3(E)	20	#5	41'-0"	—
Structure Excavation		Cu. Yd.	116	
Concrete Structures		Cu. Yd.	145.7	
Reinforcement Bars, Epoxy Coated		Pound	21,500	
Furnishing Metal Shell Piles 12" x 0.250"		Foot	806	
Driving Piles		Foot	806	
Test Pile, Metal Shells		Each	1	
Concrete Sealer		Sq. Ft.	2,222.7	

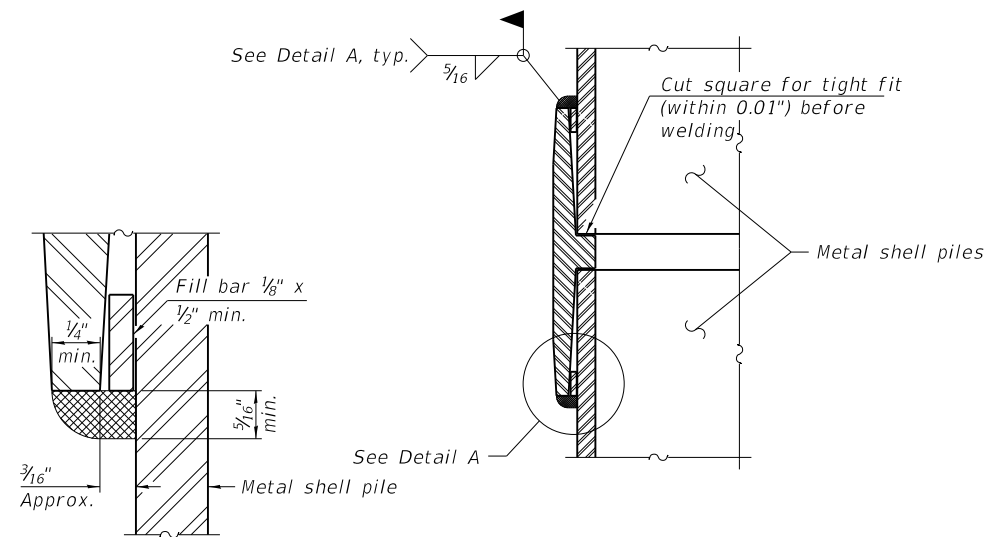
Concrete Sealer shall be applied to all exposed surfaces of the cap, columns, and wall.

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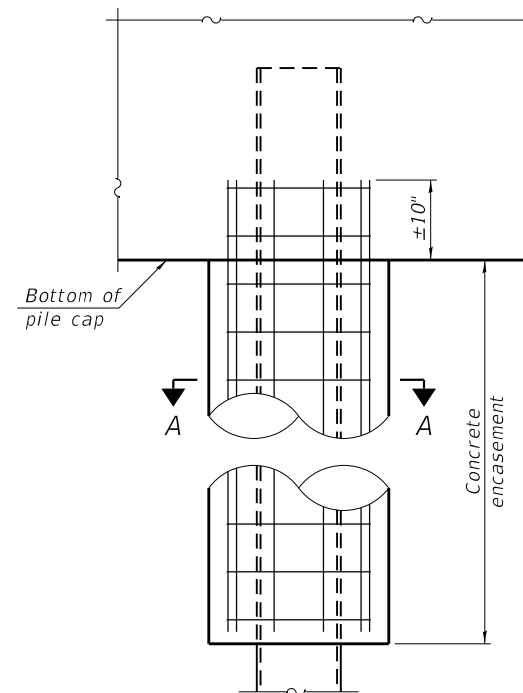


METAL SHELL PILE TABLE

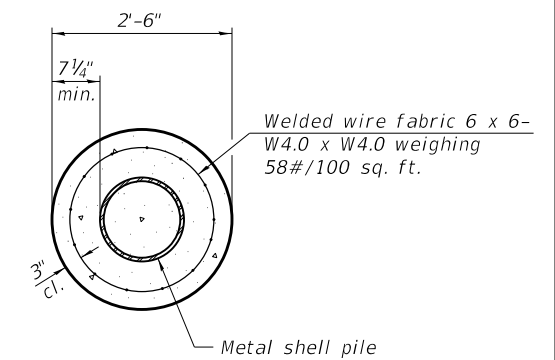
Designation and outside diameter	Wall thickness t	Weight per foot (Lbs./ft.)	Inside volume (yd. ³ /ft.)
PP12	0.250"	31.37	0.0267
PP14	0.250"	36.71	0.0368
PP14	0.312"	45.61	0.0361
PP16	0.312"	52.32	0.0478
PP16	0.375"	62.64	0.0470



DETAIL A

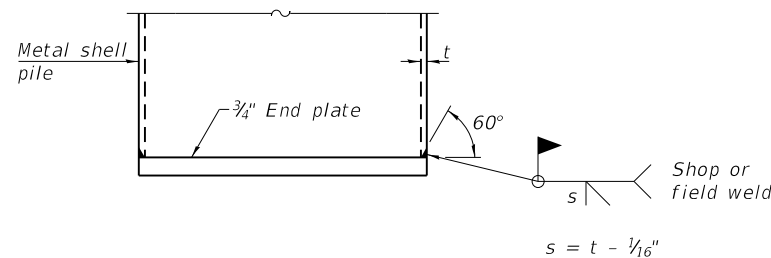


ELEVATION



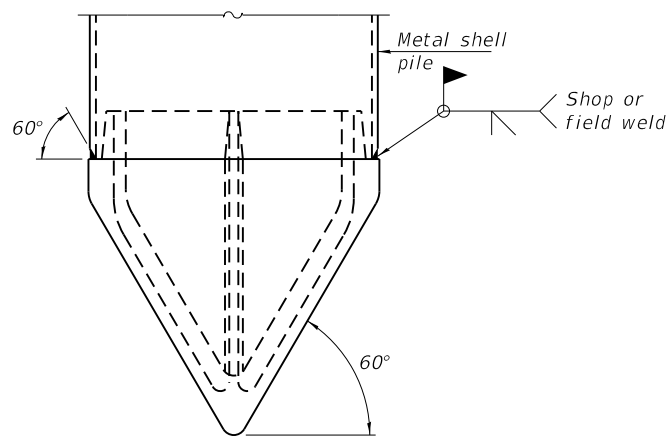
SECTION A-A

INDIVIDUAL PILE CONCRETE ENCASEMENT AT PIERS



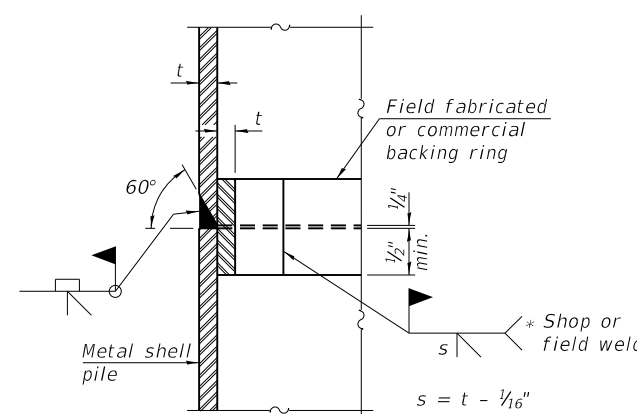
END PLATE ATTACHMENT

WELDED COMMERCIAL SPLICE
 Notes:
 The 1/8" x 1/2" min. fill bar may be constructed of 2 bars with a 1/8" max. gap between them.
 Pile segments shall be driven to solid contact with splicer before welding.



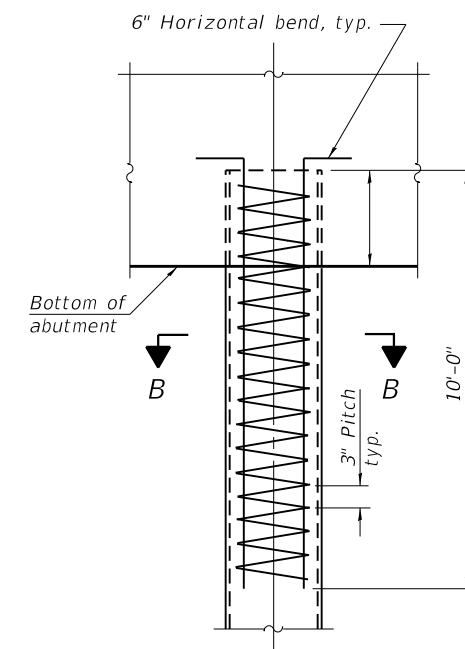
PILE SHOE ATTACHMENT

(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 90-60 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).

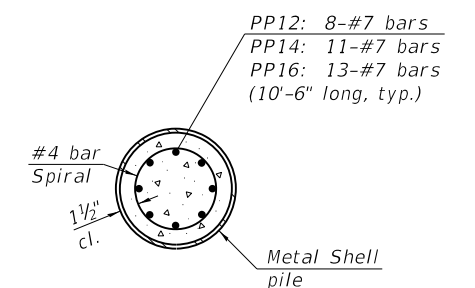


COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.



ELEVATION



SECTION B-B

REINFORCEMENT AT ABUTMENTS

Note:
 The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.

F-MS 8-11-2017

MODEL: Default FILE NAME: \\SERVER12\Projects\54115009 IDOT McCaugage Bridge\DCN\Bridg\Final\Plotsheets\15009-030 Metal Shell Pile Details.dgn

EFK Moen
 Civil Engineering Design

USER NAME = acb	DESIGNED - JSR	REVISED -
PLOT SCALE = 0:2.0000 " = 1 in.	CHECKED - ACB	REVISED -
PLOT DATE = 11/26/2018	DRAWN - KAB	REVISED -
	CHECKED - ACB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

METAL SHELL PILE DETAILS
STRUCTURE NO. 072-0250

SHEET 30 OF 34 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	(15B:(102-1),(14HB))BR	PEORIA	1361	900
CONTRACT NO. 68B46				
ILLINOIS FED. AID PROJECT				