

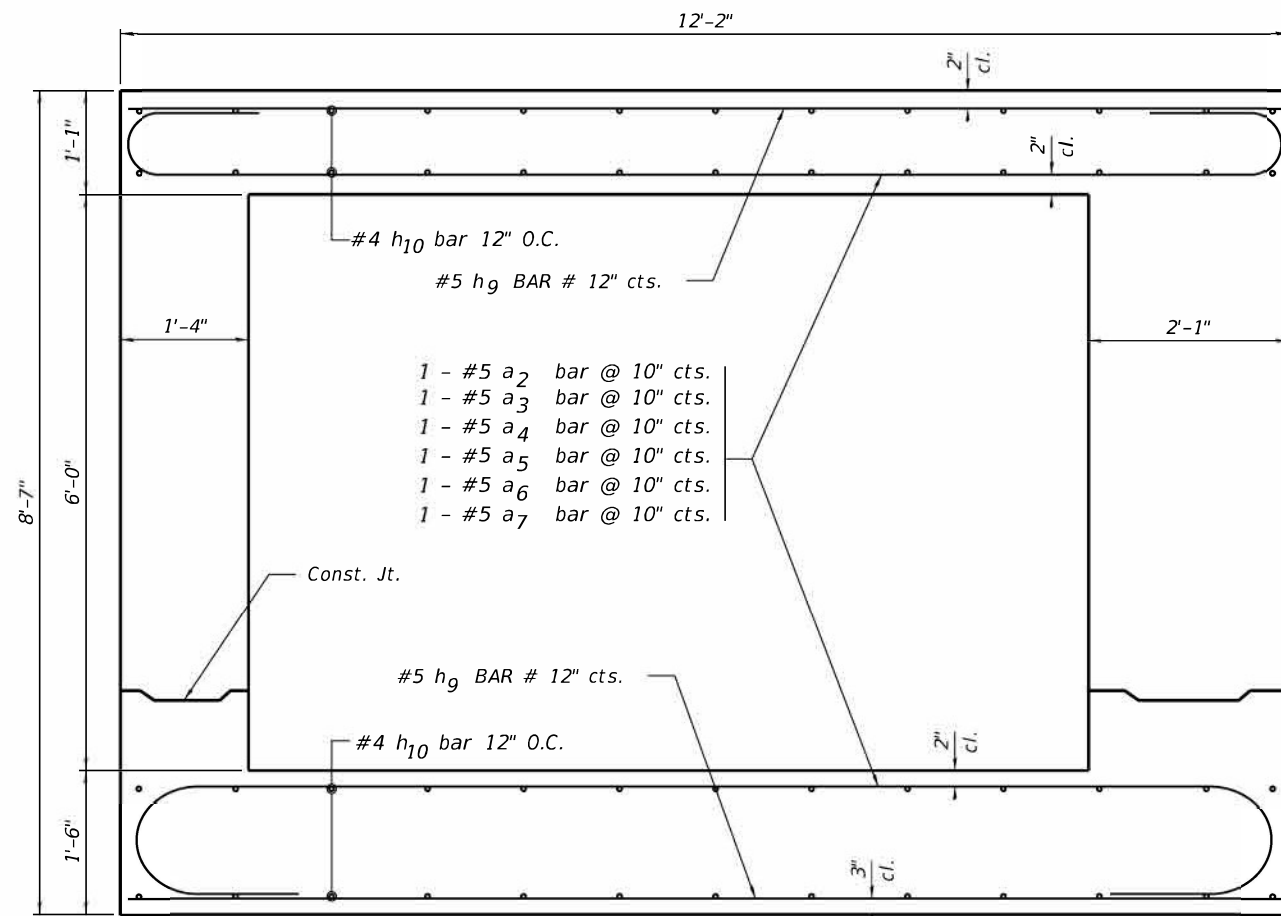
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	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 8/9/2022	DATE -	REVISED -

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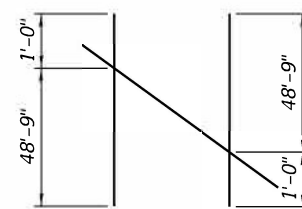
PLAN AND ELEVATIONS
END SECTION STA. 1094 + 67, RT

SCALE: SHEET OF SHEETS STA. TO STA.

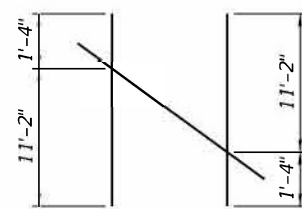
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	101
ILLINOIS			CONTRACT NO. 64G66	
			FED. AID PROJECT	



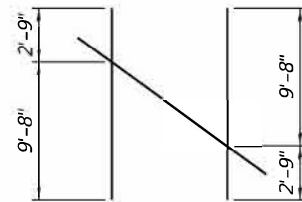
SECTION D-D



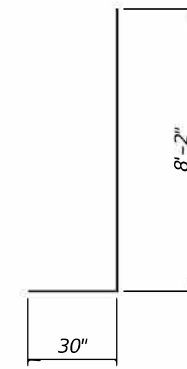
BAR h₄
(8 BARS)



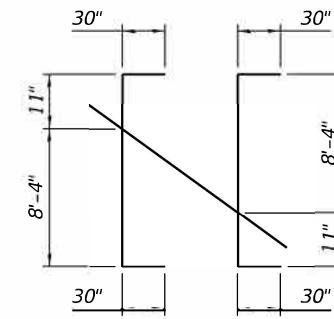
BAR h_g
(6 BARS)



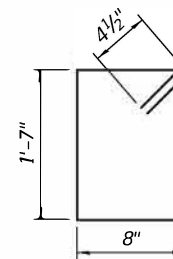
BAR h₁₀
9 bars - 2 thus



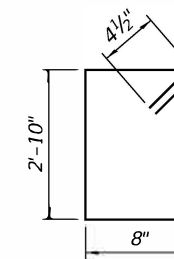
BAR v₁



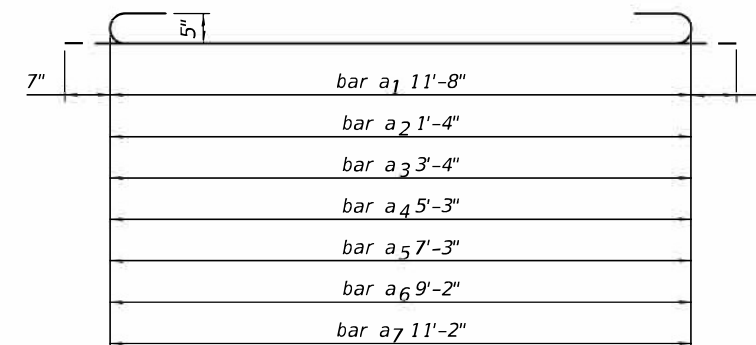
BAR v₂
(99 BARS)



BAR s₁



BAR s₂



BAR a

BILL OF MATERIAL
(For Information Only)

Bar	No.	Size	Length	Shape
a ₁	75	#5	13'-0"	U
a ₂	2	#5	2'-6"	U
a ₃	2	#5	4'-6"	U
a ₄	2	#5	6'-5"	U
a ₅	2	#5	8'-5"	U
a ₆	2	#5	10'-4"	U
a ₇	2	#5	12'-4"	U
d ₁	4	#5	3'-3"	U
d ₂	4	#5	4'-3"	U
h ₁	4	#6	11'-9"	U
h ₂	2	#7	11'-9"	U
h ₃	18	#5	8'-0"	U
h ₄	8	#5	49'-9"	U
h ₅	85	#5	11'-8"	U
h ₆	18	#4	49'-5"	U
h ₇	28	#5	1'-9"	U
h ₈	4	#5	8'-4"	U
h ₉	6	#5	12'-6"	U
h ₁₀	18	#4	12'-5"	U
s ₁	12	#4	5'-3"	U
s ₂	12	#4	7'-9"	U
v ₁	32	#6	10'-8"	U
v ₂	99	#6	14'-3"	U
v ₃	12	#5	9'-0"	U
v ₄	4	#5	8'-2"	U
*** Concrete Structures			Cu. Yd.	33
*** Reinforcement Bars			Pound	6650

*** Included in Cast-In-Place Reinforced Concrete End Sections 72"



USER NAME = Andrew.J.Rose
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DATE -

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DRAWN -
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DATE -

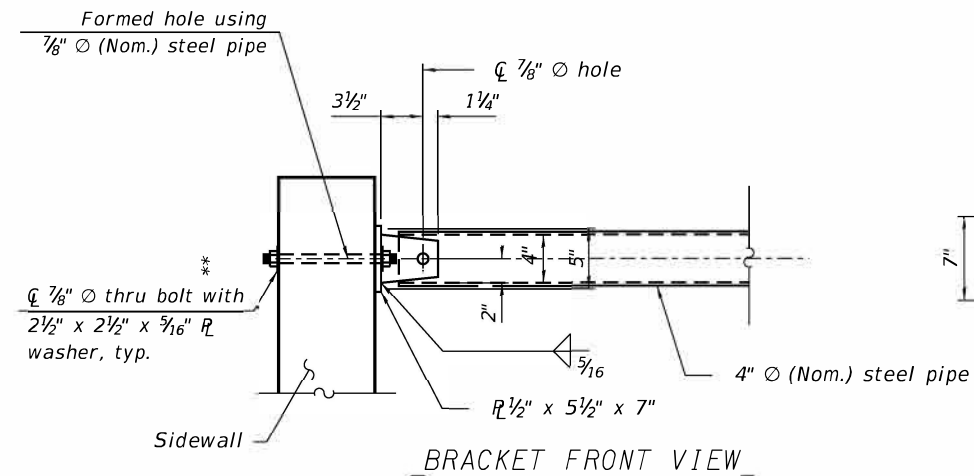
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

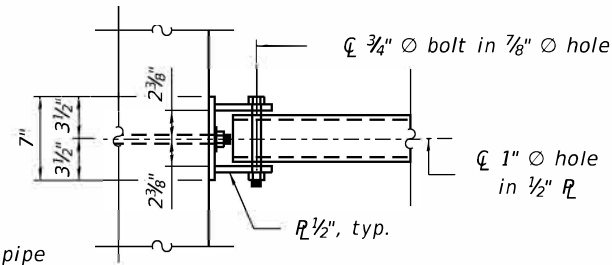
PLAN AND ELEVATIONS
END SECTION STA. 1094 + 67, RT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&R5-3	WHITESIDE	234	102
ILLINOIS			CONTRACT NO. 64G66	
			FED. AID PROJECT	



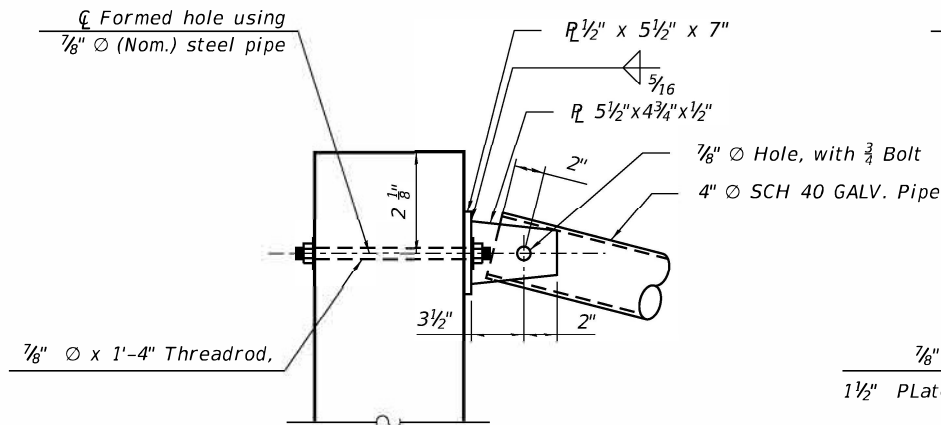
BRACKET FRONT VIEW



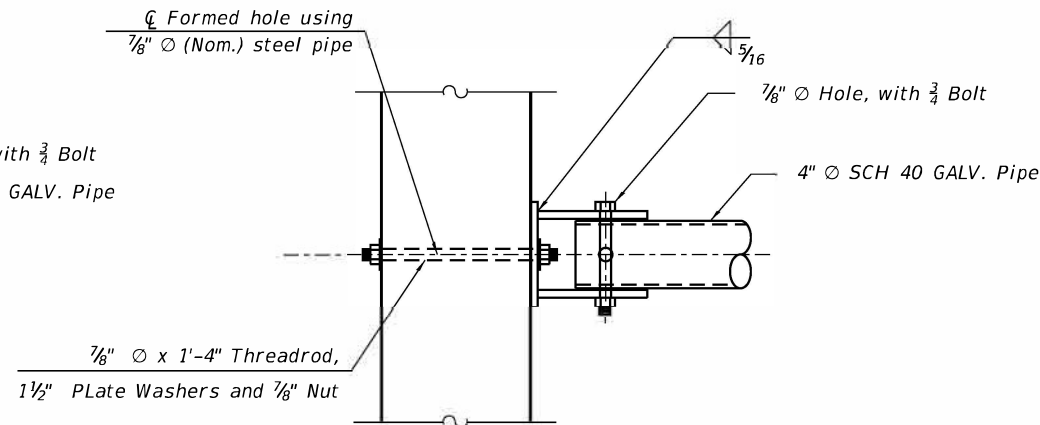
BRACKET PLAN VIEW

** Measured perpendicular to top of sidewall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert extension with drop box.

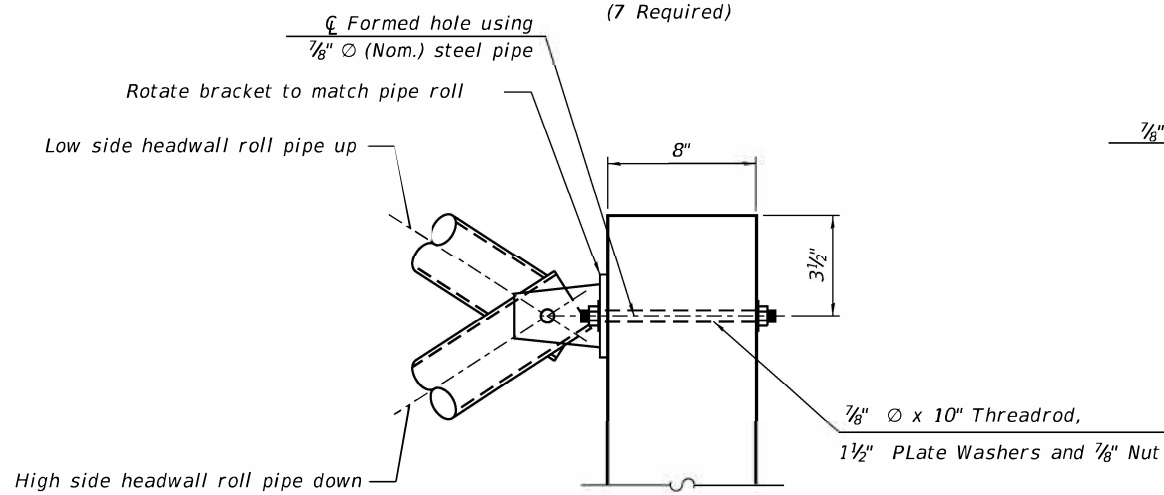
Opposing brackets in Headwall, Toe and Sidewalls to be rotated and rolled to allow steel pipe to be mounted between brackets.



ELEVATION AT HEADWALL

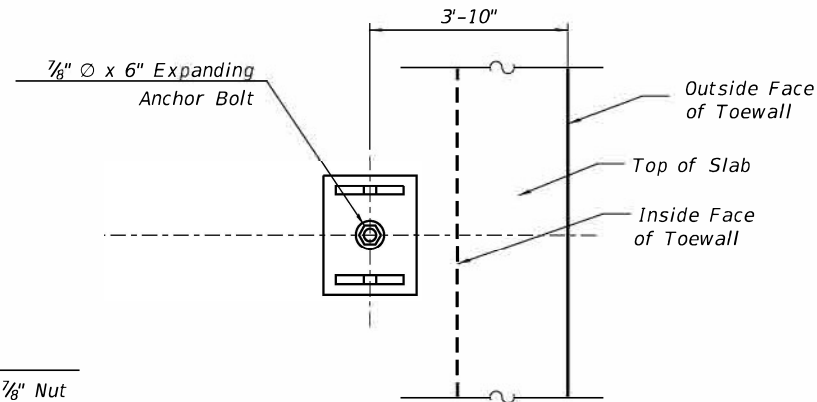


PLAN AT HEADWALL



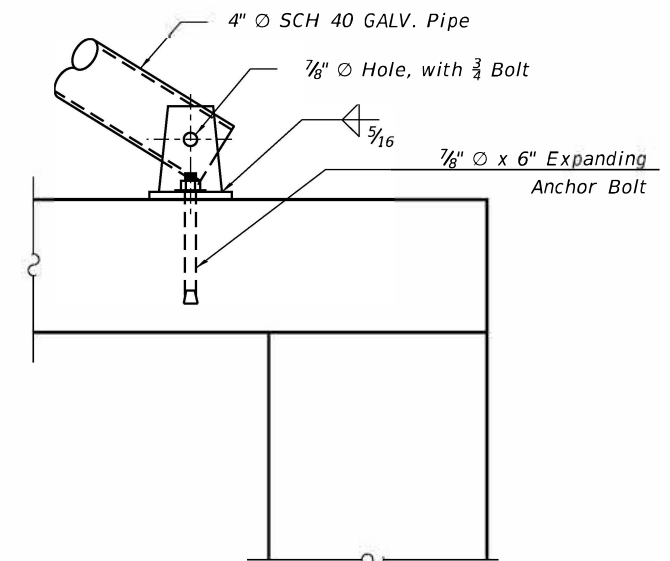
ELEVATION AT WINGWALL

(43 Required)



PLAN AT TOEWALL

(6 Required)



ELEVATION AT TOEWALL



401 E. STATE ST.
4TH FLOOR
ROCKFORD, IL 61104

PH: 815.965.6400
FAX: 815.965.6416
www.imegcorp.com

USER NAME = Andrew.J.Rose
PLOT SCALE = 2.0000' / 1" =
PLOT DATE = 8/9/2022

DESIGNED -
DRAWN -
CHECKED -
DATE -

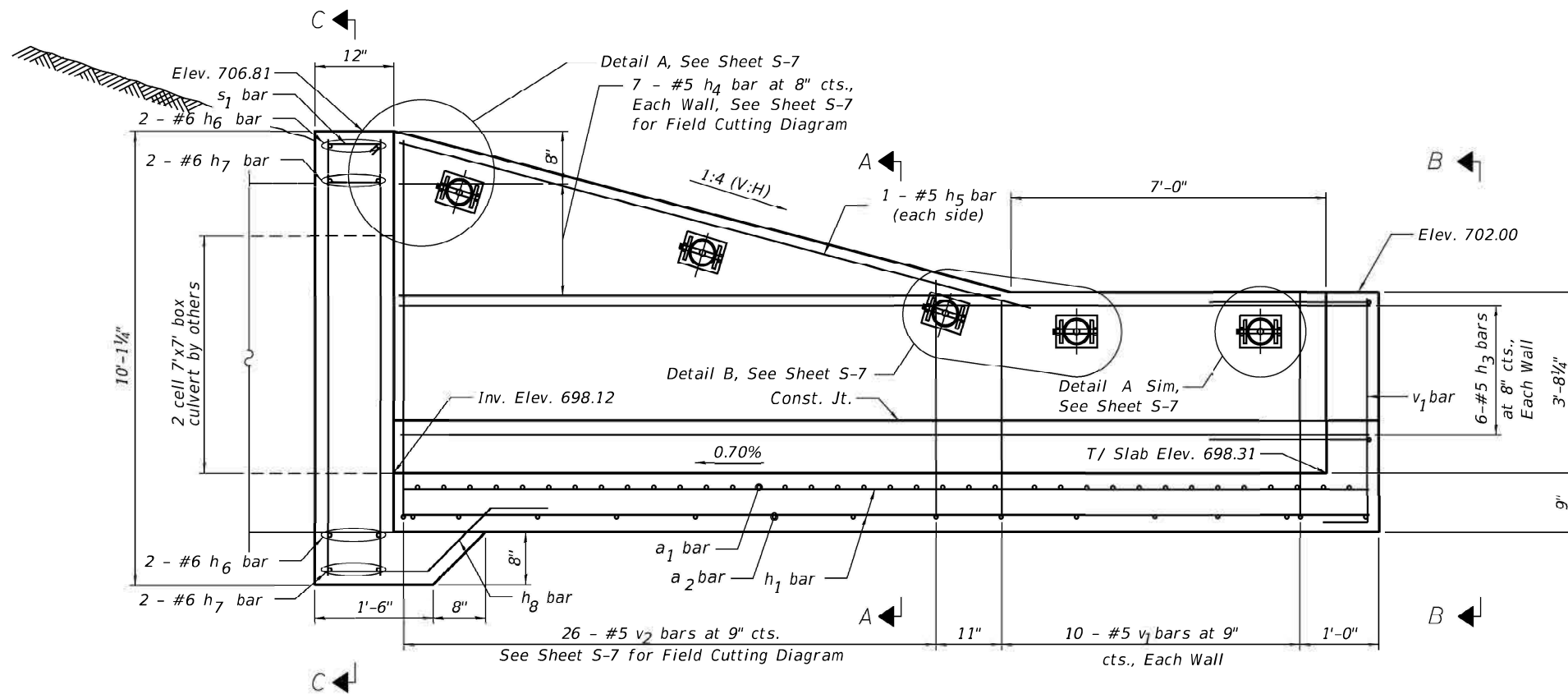
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATIONS
END SECTION STA. 1094 + 67, RT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	103
CONTRACT NO. 64G66			ILLINOIS FED. AID PROJECT	



LONGITUDINAL SECTION

Contractor to coordinate collar dimensions with precast culvert dimensions.

GENERAL NOTES:

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60.
2. All exposed concrete edges shall be chamfered 3#4" unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Drop Box No. 2 shall include the Concrete Structures, Reinforcement Bars, bolts, nuts, washers, earth excavation where required, backfilling and necessary grading to fit the structure as shown, or to the slope.
5. The contract unit price for "Foot" for Traversable Pipe Grate shall include the steel pipe grates system and steel plates.
6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B. Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structure shape or plate shall be 11#2" unless noted otherwise.
11. This work shall be done according to the applicable portions of 502, 503, 505, 508, and 540 of the Standard Specifications.
12. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to conform that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box structure.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.
16. The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for field painting of holes, threads, ect.

DESIGN STRESSES
FIELD UNITS

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

PIPE GRATE BILL OF MATERIAL

ITEM	QUA.	LENGTH
** 4" Galv. Steel Pipe	11	6'-9"
** 4" Galv. Steel Pipe	12	15'-8"
** 4" Galv. Steel Pipe	11	20'-5"
** Side Assembly	Each	24

** Included in Transversible Pipe Grate with all hardware and steel for Assemblies

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Traversable Pipe Grate	Foot	487
Drop Box No. 2	Each	1



Ali A. Gharami
Date: 6/23/22
Exp: 11/30/22

Signature: _____
Date: _____
Exp. Date: _____

SIGNATURE AND SEAL APPLIES TO PAGES S-1 thru S-7



USER NAME = Andrew.J.Rose
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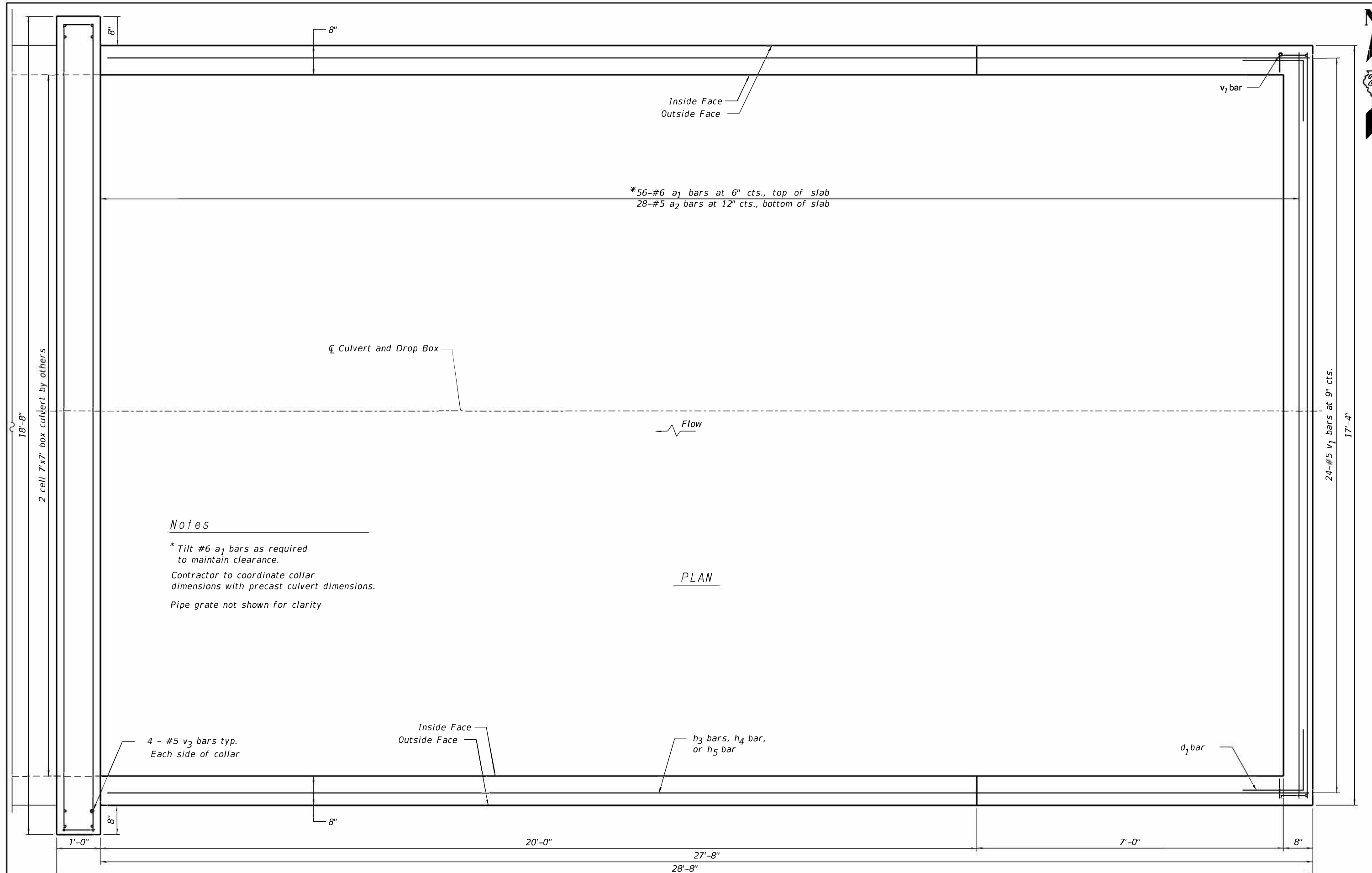
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATIONS
DROP BOX NO. 2 STA. 1330+82 RT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	104
			CONTRACT NO. 64G66	
			ILLINOIS FED. AID PROJECT	



Notes

* Tilt #6 a₁ bars as required to maintain clearance.

Contractor to coordinate collar dimensions with precast culvert dimensions.

Pipe grate not shown for clarity

PLAN



USER NAME = Andrew.J.Rose	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATIONS
DROP BOX NO. 2 STA. 1330+82 RT

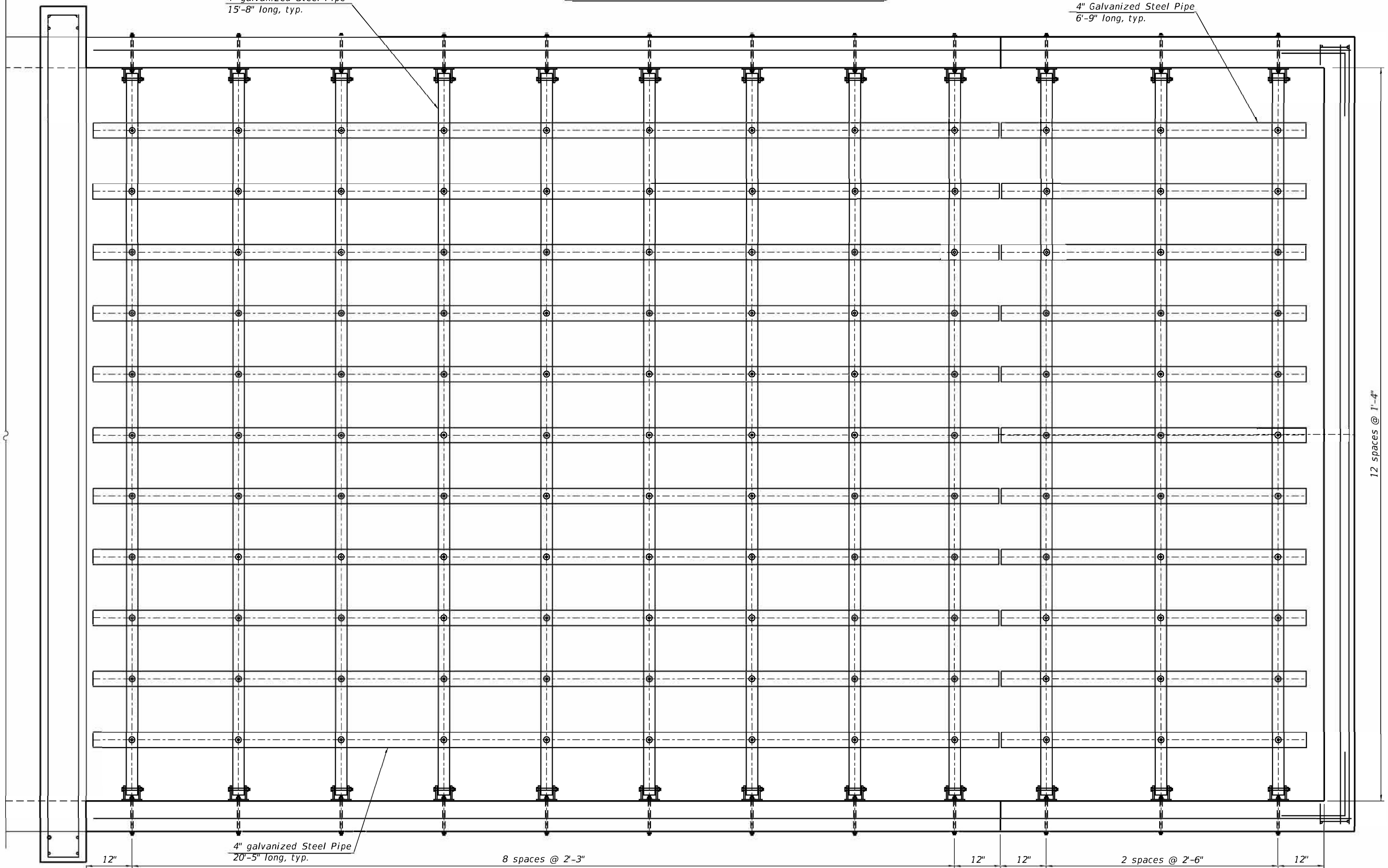
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 34	SHEET NO. 105
ILLINOIS			CONTRACT NO. 64G66	
			FED. AID PROJECT	

GALVINIZED STEEL PIPE GRATE PLAN VIEW

4" galvanized Steel Pipe
15'-8" long, typ.

4" Galvanized Steel Pipe
6'-9" long, typ.



4" galvanized Steel Pipe
20'-5" long, typ.

8 spaces @ 2'-3"

12" 12"

2 spaces @ 2'-6"

12 spaces @ 1'-4"



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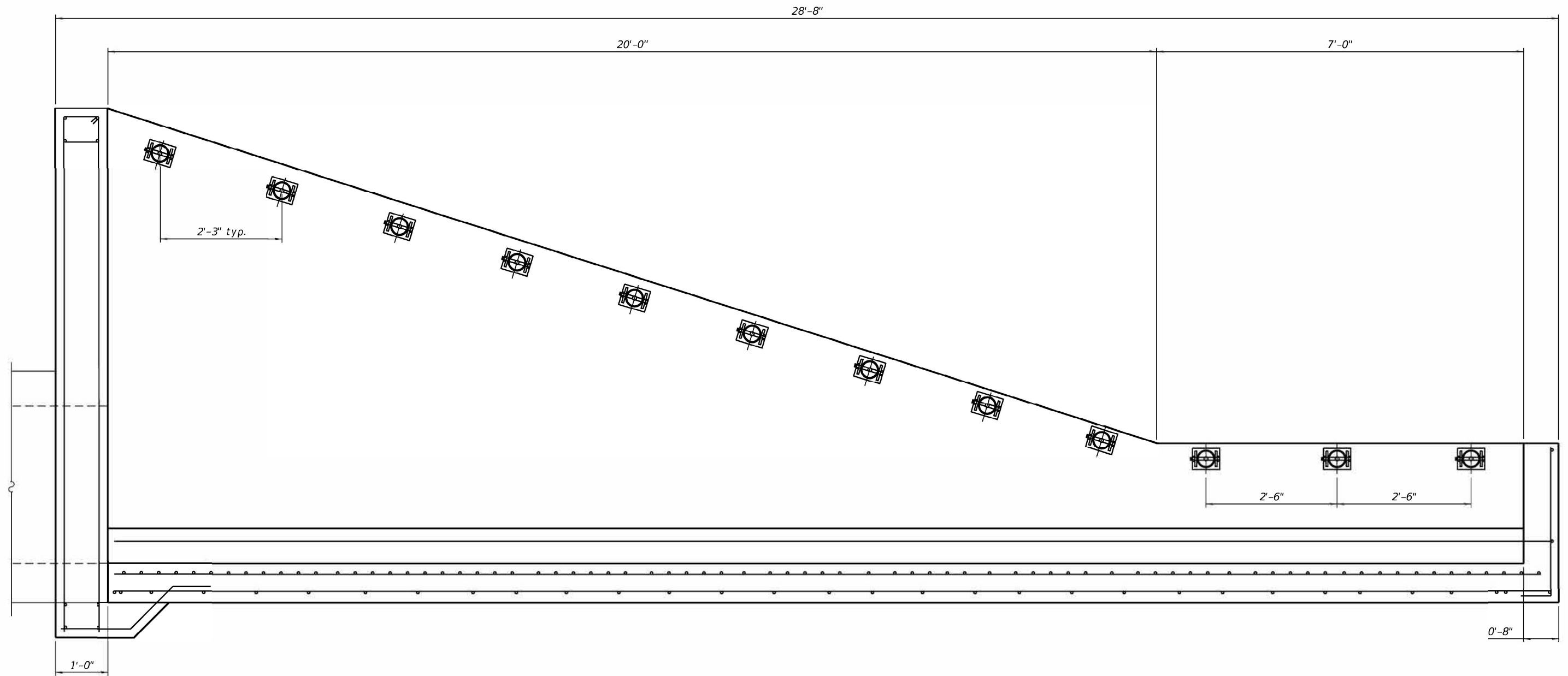
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATIONS
DROP BOX NO. 2 STA. 1330+82 RT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	106
ILLINOIS			CONTRACT NO. 64G66	
			FED. AID PROJECT	



LONGITUDINAL SECTION OF GALVINIZED STEEL PIPE GRATE



401 E. STATE ST.
4TH FLOOR
ROCKFORD, IL 61104

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FAX: 815.965.6416
www.imegcorp.com

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PLOT DATE = 7/6/2022

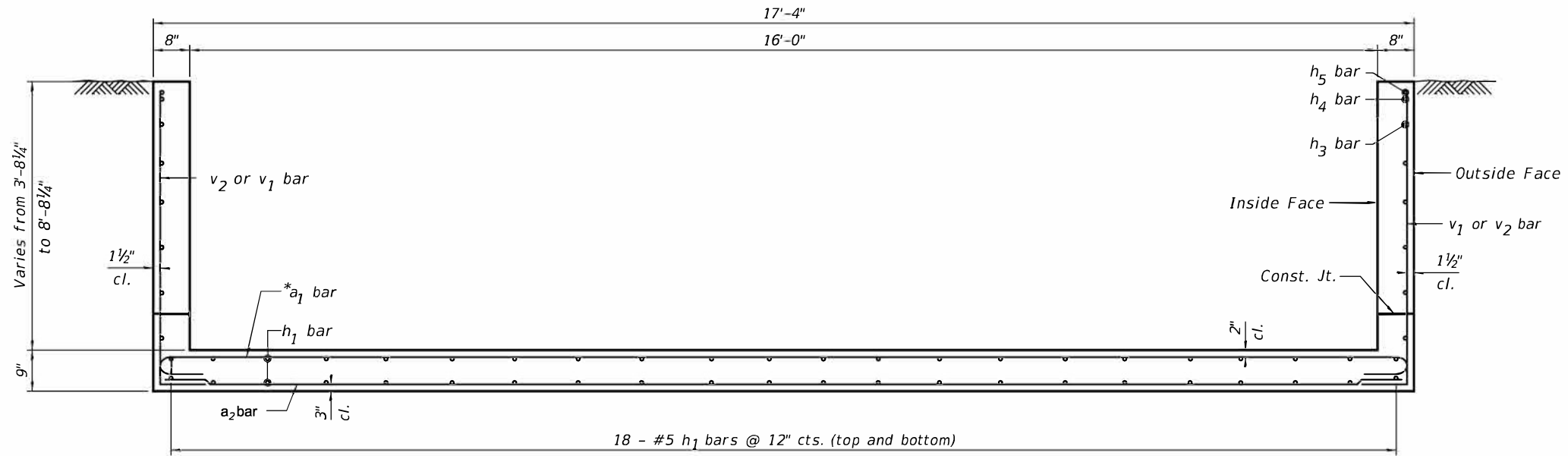
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

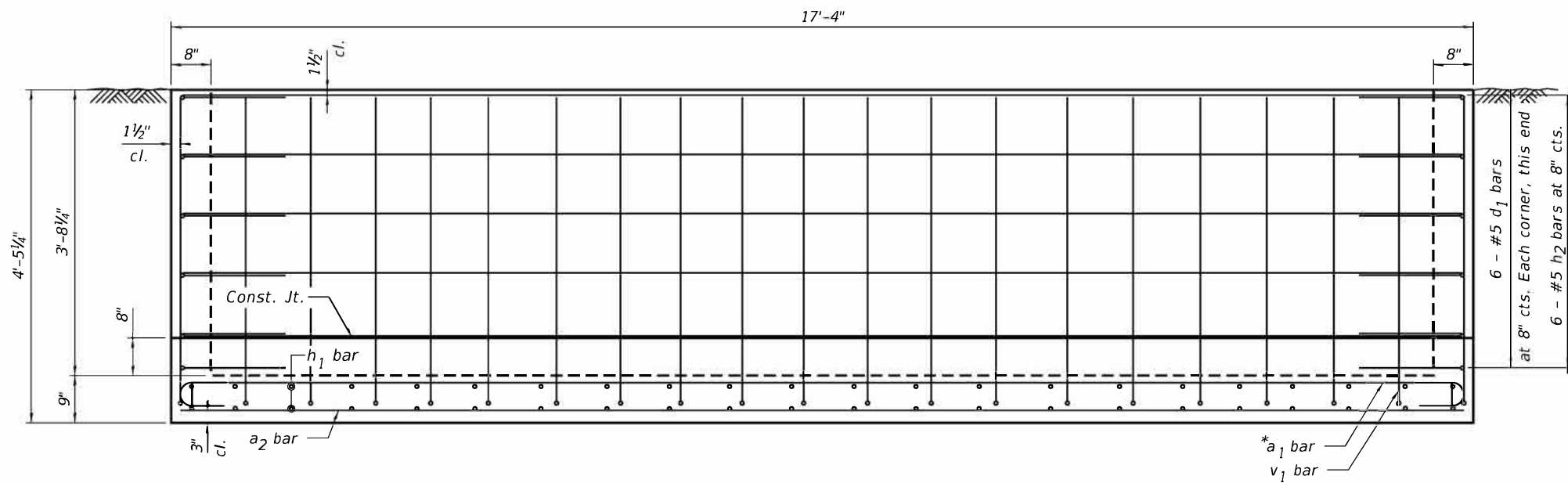
PLAN AND ELEVATIONS
DROP BOX NO. 2 STA. 1330+82 RT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	107
ILLINOIS			CONTRACT NO. 64G66	
			FED. AID PROJECT	



SECTION A-A



VIEW B-B
End Wall



USER NAME = Andrew.J.Rose
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 DATE -
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 DATE -

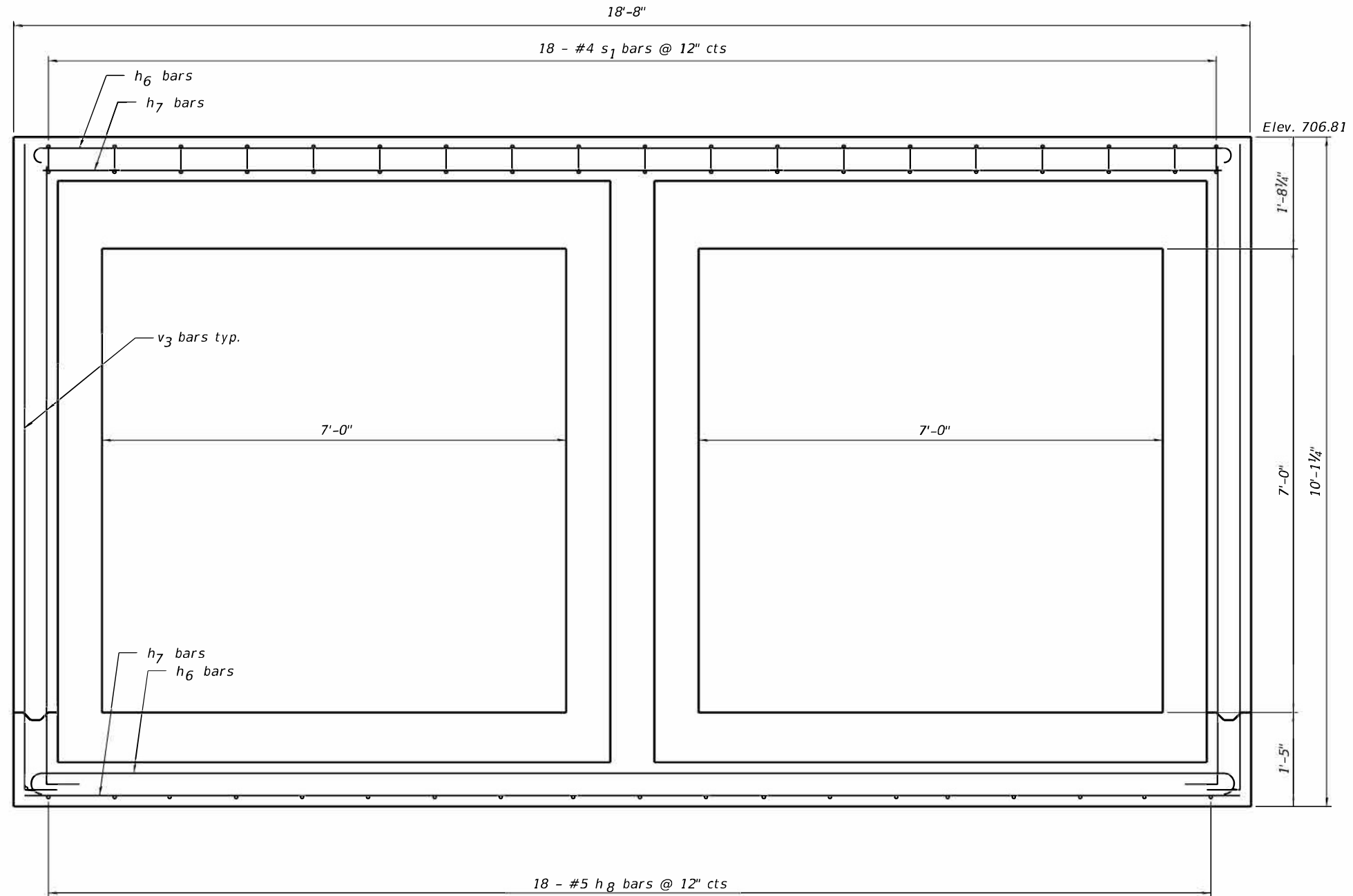
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATIONS
DROP BOX NO. 2 STA. 1330+82 RT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	108
CONTRACT NO. 64G66				
ILLINOIS			FED. AID PROJECT	



SECTION C-C



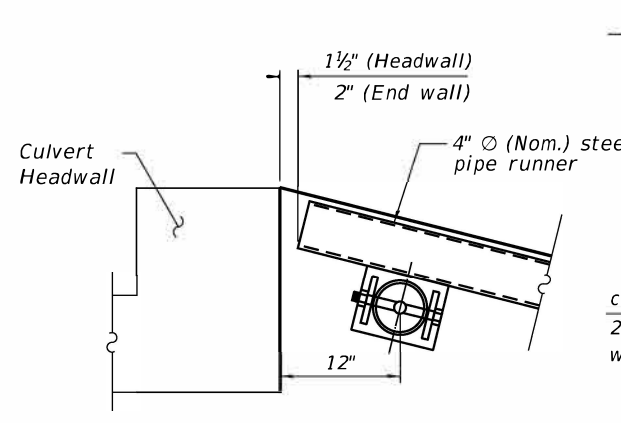
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	DRAWN -	REVISED -
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PLOT DATE = 7/6/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

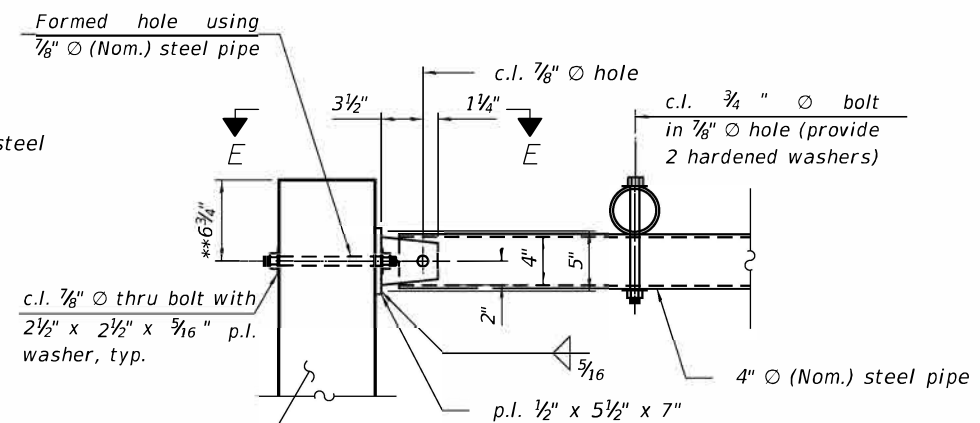
PLAN AND ELEVATIONS
DROP BOX NO. 2 STA. 1330+82 RT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	109	109
ILLINOIS			CONTRACT NO. 64G66	
FED. AID PROJECT				

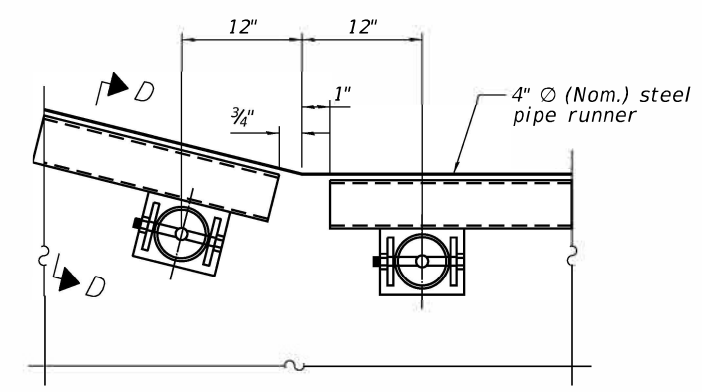


DETAIL A

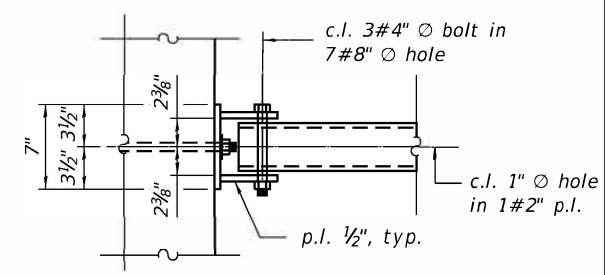


SECTION D-D

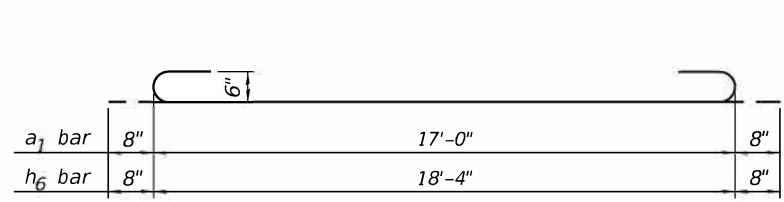
** Measured perpendicular to top of sidewall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert extension with drop box.



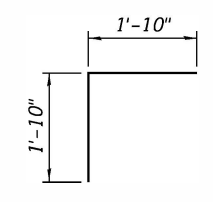
DETAIL B



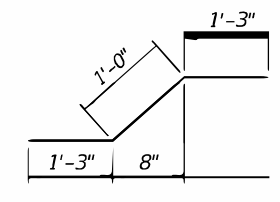
VIEW E-E



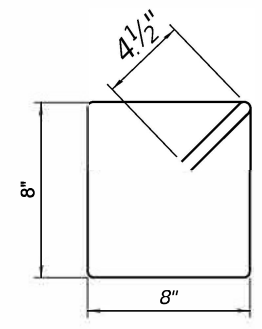
BAR a₁ and h₆
* Tilt #6 a₁ and h₆ bars as required to maintain clearance



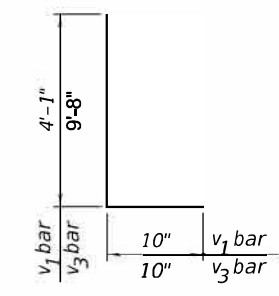
BAR d₁



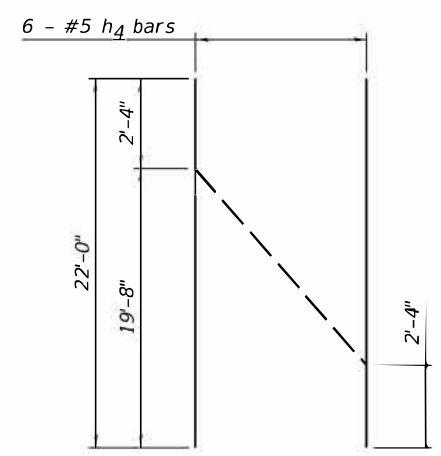
BAR h₈



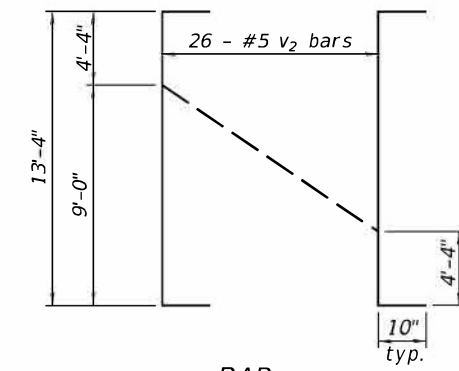
BAR s₁



BAR v₁ and v₃



BAR h₄



BAR v₂

BILL OF MATERIAL
(For Information Only)

Bar	No.	Size	Length	Shape
a ₁	56	#6	18'-4"	—
a ₂	28	#5	17'-0"	—
d ₁	12	#5	3'-8"	└
h ₁	36	#5	27'-4"	—
h ₂	6	#5	17'-0"	—
h ₃	12	#5	27'-4"	—
h ₄	7	#5	22'-0"	—
h ₅	2	#5	20'-8"	—
h ₆	4	#6	19'-8"	—
h ₇	4	#6	18'-4"	—
h ₈	18	#5	3'-6"	└
s ₁	18	#4	3'-5"	└
v ₁	44	#5	4'-11"	└
v ₂	26	#5	15'-0"	└
v ₃	8	#5	10'-6"	└

*** Concrete Structures Cu. Yd. 6.4
*** Reinforcement Bars Pound 4820

*** Included in Dropbox No. 2



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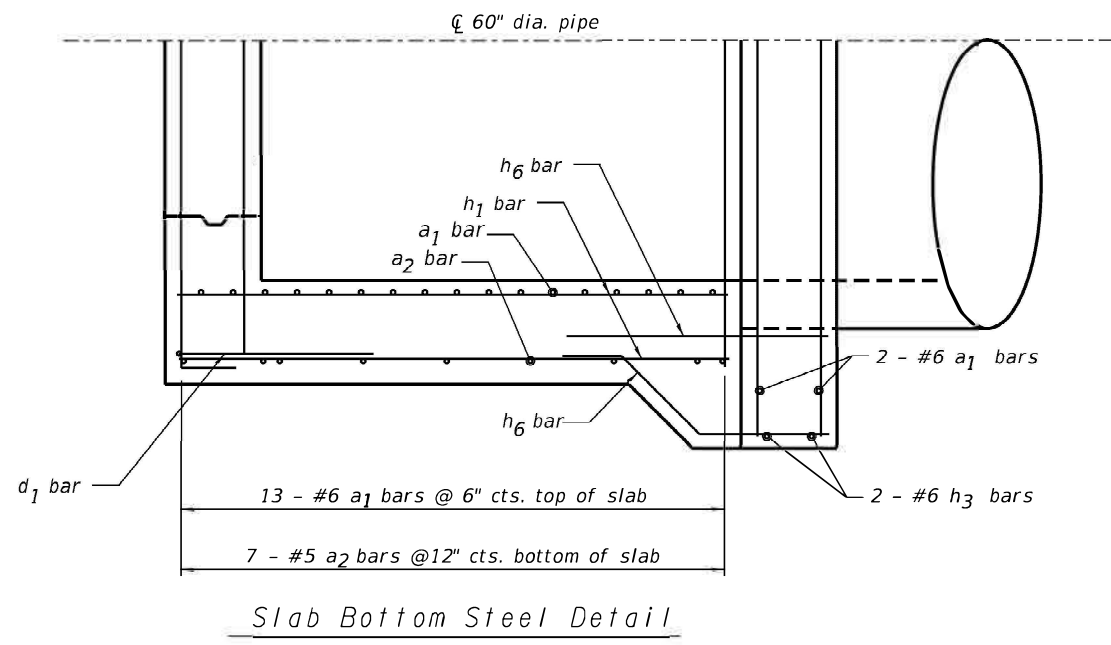
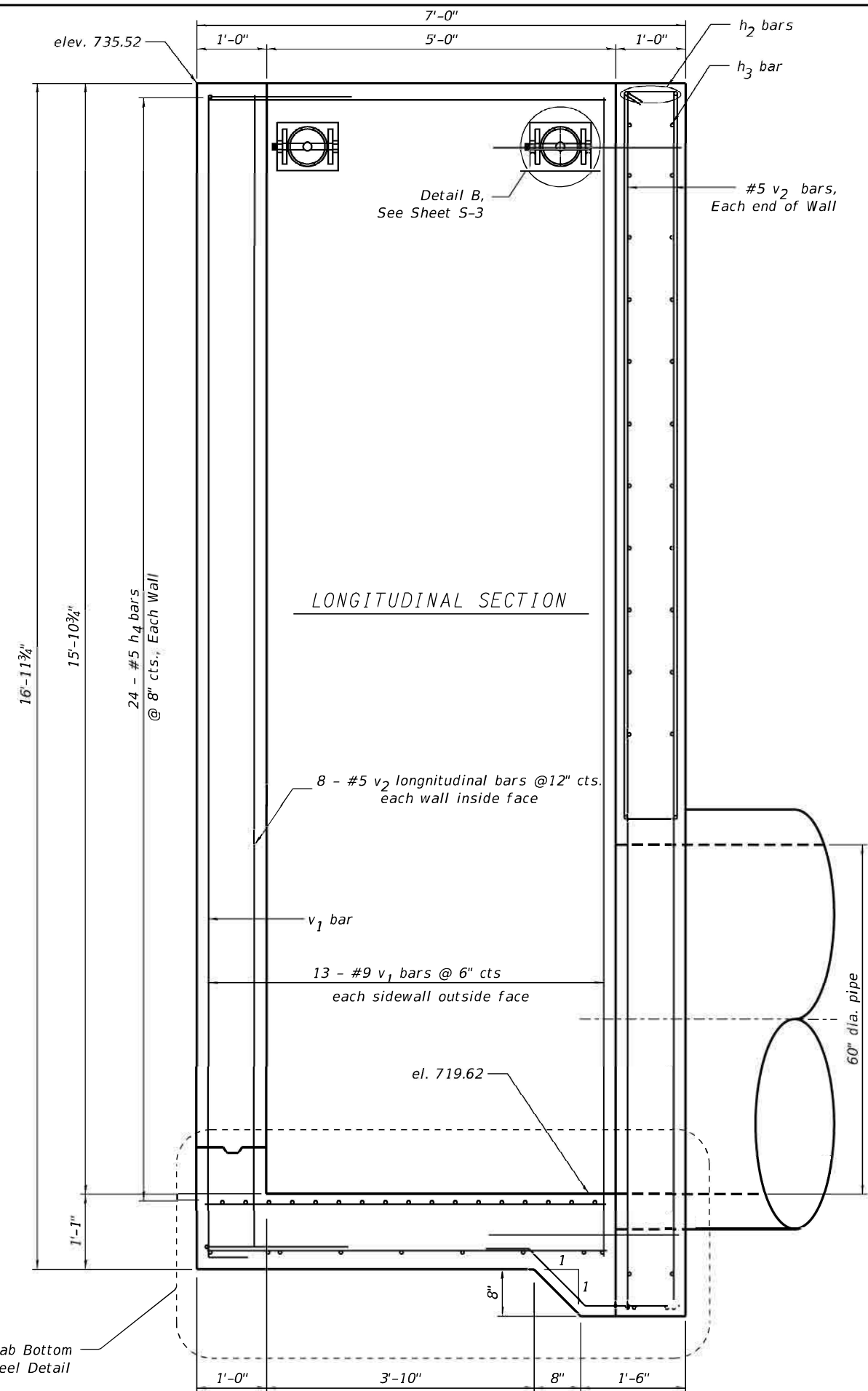
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATIONS
DROP BOX NO. 2 STA. 1330+82 RT
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	110
			CONTRACT NO. 64G66	
			ILLINOIS FED. AID PROJECT	



DESIGN STRESSES
FIELD UNITS

$f'_c = 3,500 \text{ psi}$
 $f_y = 60,000 \text{ psi (Reinforcement)}$

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Traversable Pipe Grate	Foot	27.3
Drop Box No. 3	Each	1

PIPE GRATE BILL OF MATERIAL

ITEM	QUA.	LENGTH
** 4" Galv. Steel Pipe	2	6'-8"
** 4" Galv. Steel Pipe	3	4'-8"
** Side Assembly	Each	4

** Included in Traversable Pipe Grate with all hardware and steel for Assemblies



Ali A. Gharaibeh
Date: 6/23/22
Exp: 11/30/22

Signature _____
Date _____
Exp. Date _____

SIGNATURE AND SEAL APPLIES TO PAGES S-1 thru S-4



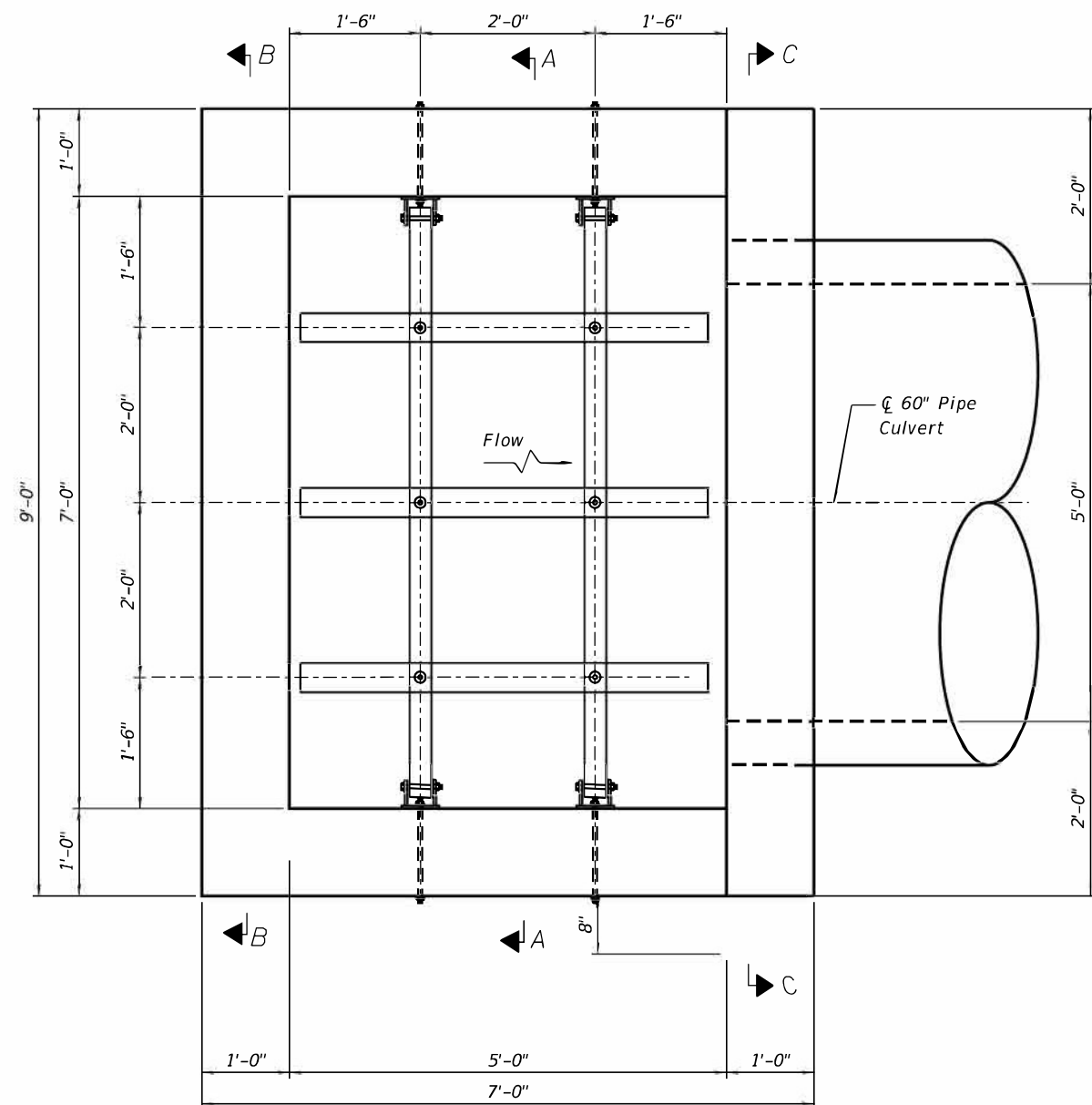
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PLOT SCALE = 2,0000' / 1" =	DRAWN -	REVISED -
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STATE OF ILLINOIS
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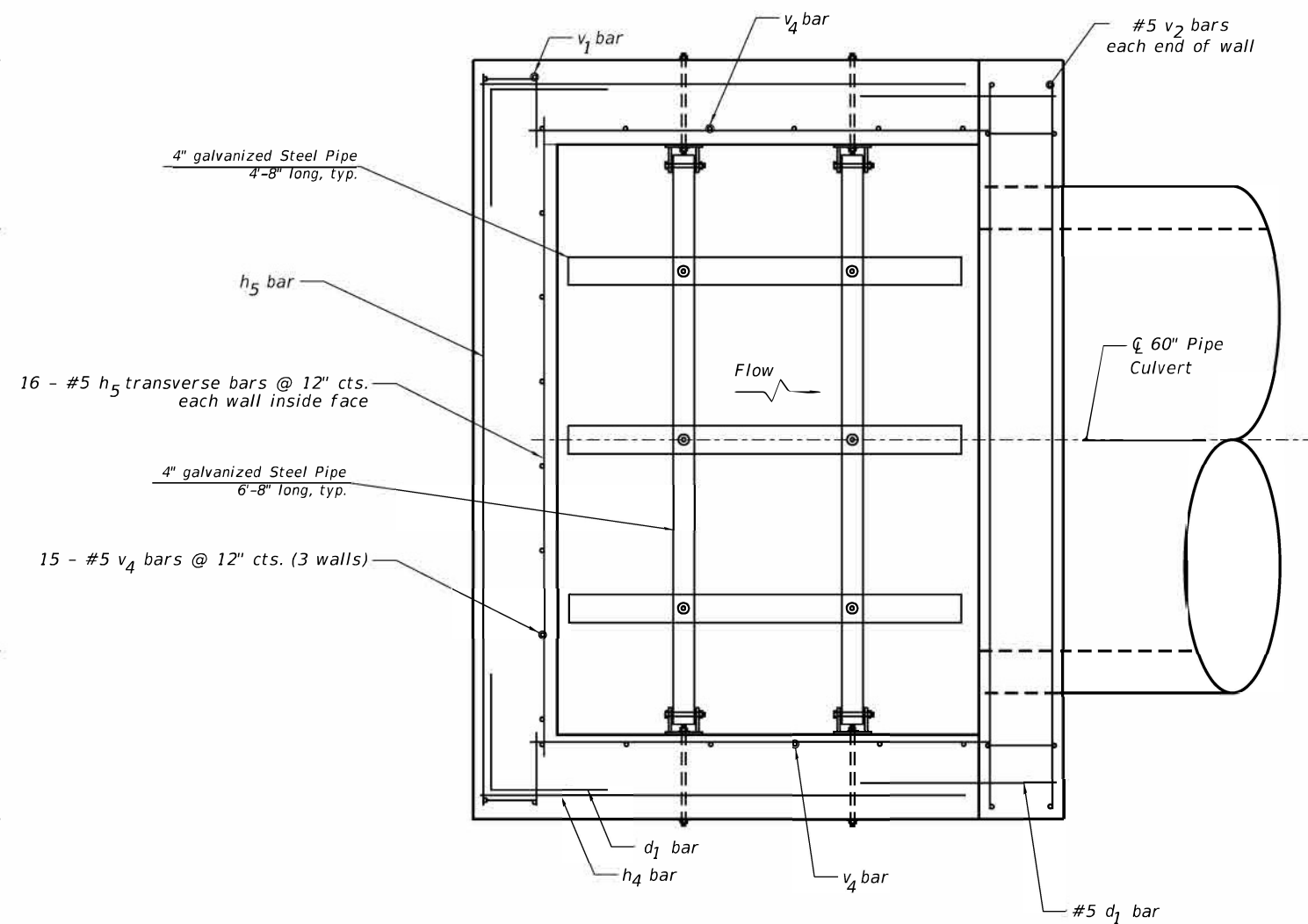
PLAN AND ELEVATIONS
DROP BOX NO. 3 STA. 1400+46 RT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	111
ILLINOIS			FED. AID PROJECT	



PLAN



REINFORCING DETAIL

GENERAL NOTES:

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60.
2. All exposed concrete edges shall be chamfered $\frac{3}{4}$ " unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Drop Box No. 098-1074 shall include the Concrete Structures, Reinforcement Bars, bolts, nuts, washers, earth excavation where required, backfilling and necessary grading to fit the structure as shown, or to the slope.
5. The contract unit price for "Foot" for Traversable Pipe Grate shall include the steel pipe grates system and steel plates.
6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B. Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structure shape or plate shall be $1\frac{1}{2}$ " unless noted otherwise.
11. This work shall be done according to the applicable portions of 502, 503, 505, 508, and 540 of the Standard Specifications.
12. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to confirm that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box structure.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.
16. The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for field painting of holes, threads, ect.



401 E. STATE ST.
4TH FLOOR
ROCKFORD, IL 61104
PH: 815.965.6400
FAX: 815.965.6416
www.imegcorp.com

USER NAME = Andrew.J.Rose
PLOT SCALE = 2.0000' / 1" =
PLOT DATE = 7/6/2022

DESIGNED -
DRAWN -
CHECKED -
DATE -

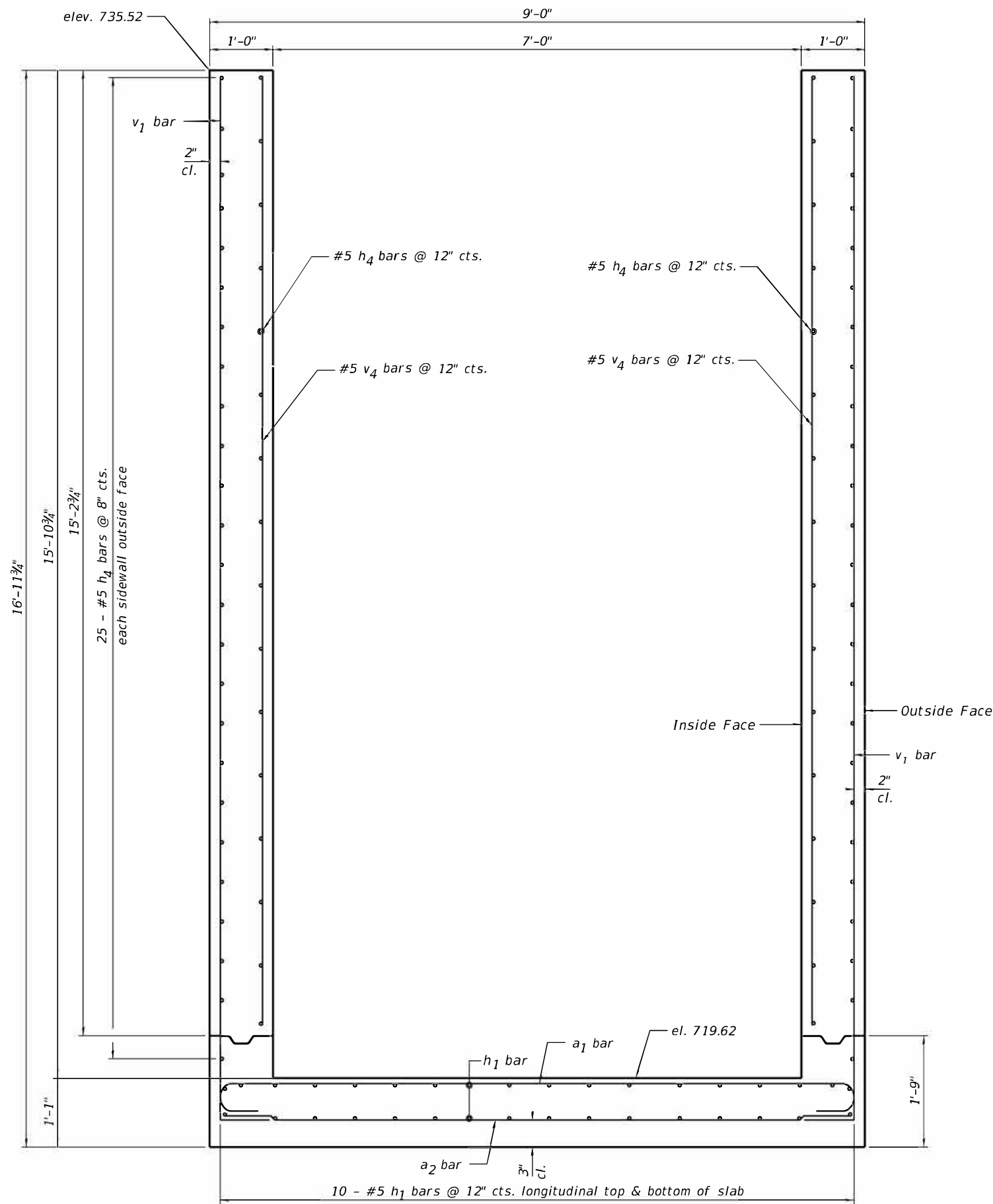
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

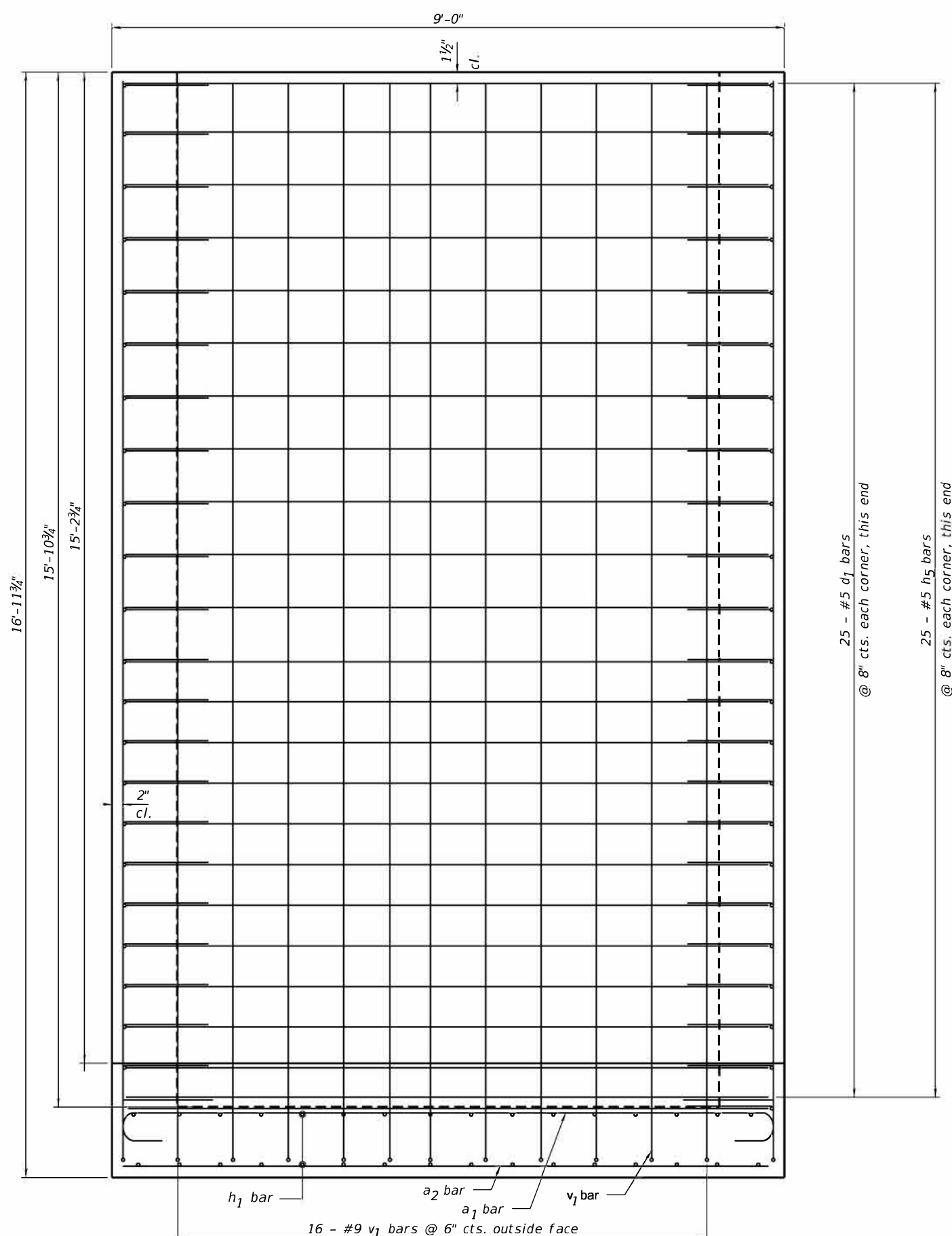
PLAN AND ELEVATIONS
DROP BOX NO. 3 STA. 1400+46 RT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	112
ILLINOIS			CONTRACT NO. 64G66	
FED. AID PROJECT				



SECTION A-A



SECTION B-B



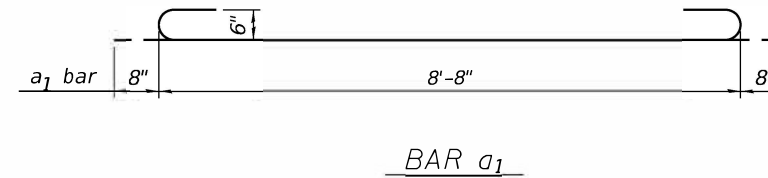
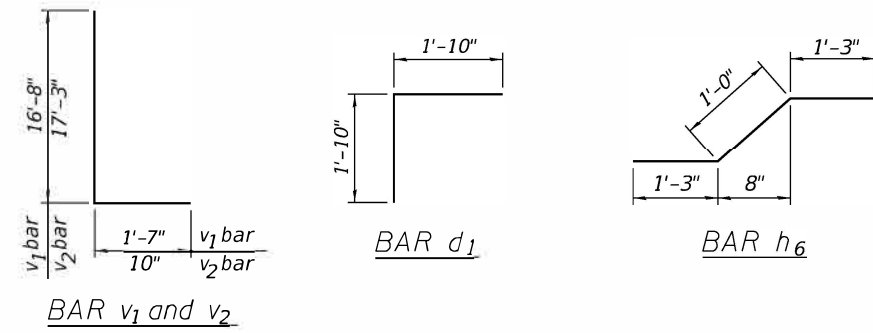
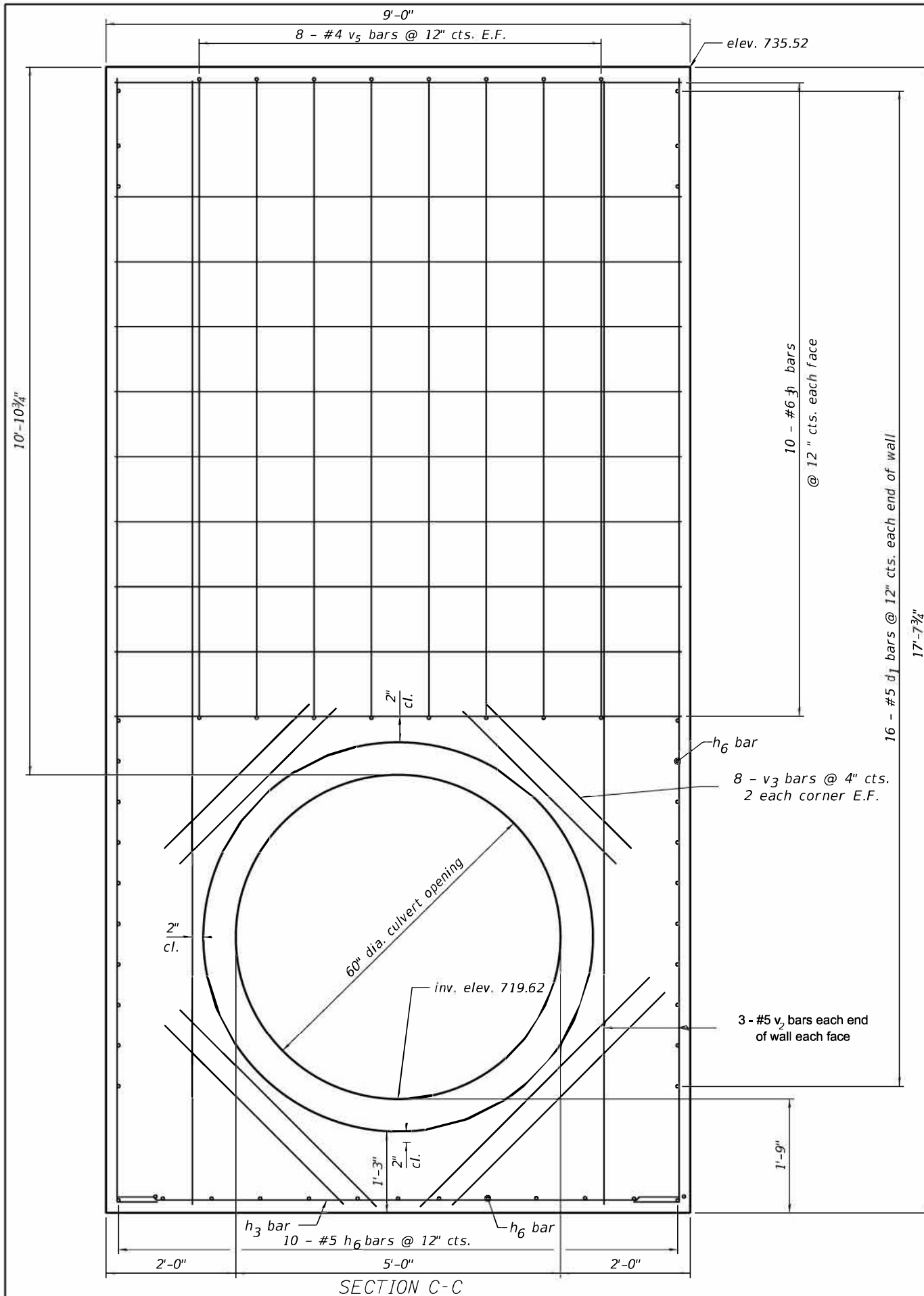
USER NAME = Andrew.J.Rose	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 7/6/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PLAN AND ELEVATIONS
DROP BOX NO. 3 STA. 1400+46 RT**

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 113
CONTRACT NO. 64G66			ILLINOIS FED. AID PROJECT	

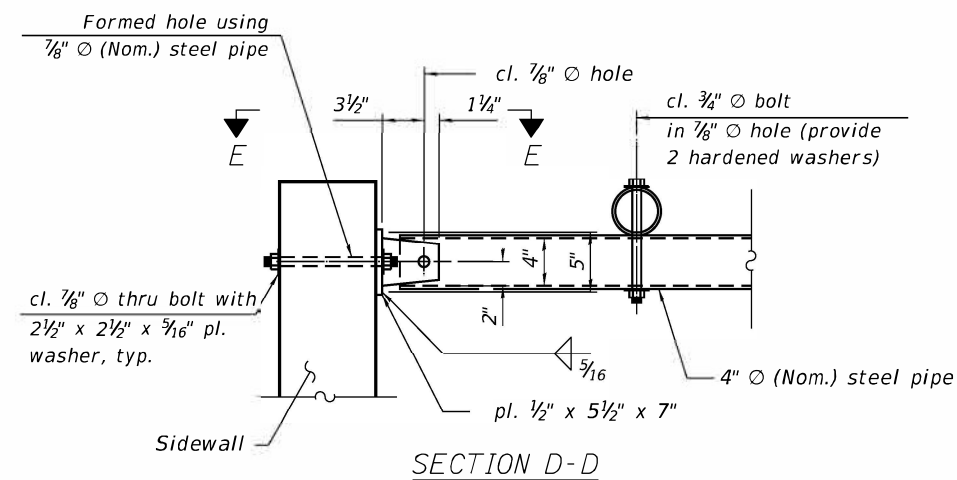
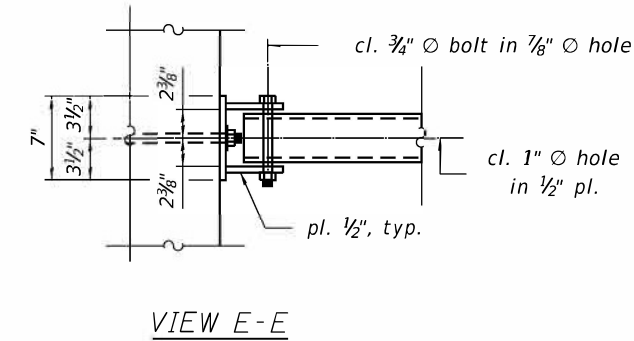
SCALE: SHEET OF SHEETS STA. TO STA.



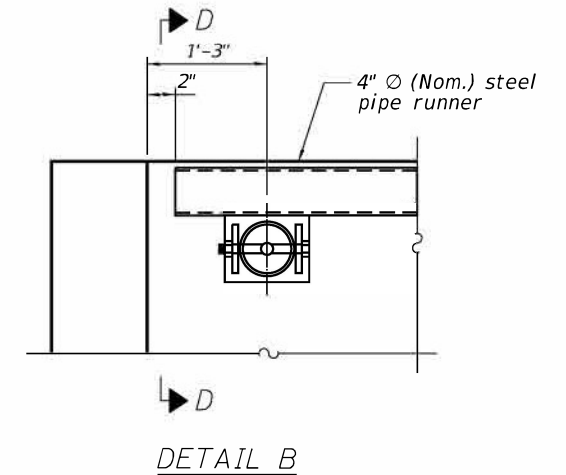
BILL OF MATERIAL
(For Information Only)

Bar	No.	Size	Length	Shape
a ₁	15	#6	10'-0"	⌌
a ₂	7	#5	8'-8"	⌌
d ₁	82	#5	3'-8"	⌌
h ₁	20	#5	5'-8"	⌌
h ₂			RESERVED	
h ₃	22	#6	8'-8"	⌌
h ₄	82	#5	5'-8"	⌌
h ₅	41	#5	8'-8"	⌌
h ₆	10	#5	3'-6"	⌌
s ₁			RESERVED	
v ₁	42	#9	18'-3"	⌌
v ₂	12	#5	18'-1"	⌌
v ₃	16	#5	5'-0"	⌌
v ₄	15	#5	14'-10"	⌌
v ₅	16	#4	10'-1"	⌌

*** Concrete Structures Cu. Yd. 6.4
 *** Reinforcement Bars Pound 5160
 *** Included in Drop Box No. 3



** Measured perpendicular to top of sidewall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert extension with drop box.



USER NAME = Andrew.J.Rose
 DESIGNED -
 DRAWN -
 PLOT SCALE = 2,0000' / 1" =
 CHECKED -
 PLOT DATE = 7/6/2022

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

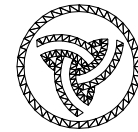
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATIONS
DROP BOX NO. 3 STA. 1400+46 RT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	114
			CONTRACT NO. 64G66	
		ILLINOIS	FED. AID PROJECT	

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 2/10/98

ROUTE IL 78 DESCRIPTION P92-020-98 IL 78 culvert over a ditch, .5 mile north of US 30 LOGGED BY K. Tressel

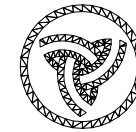
SECTION 110T&RS-3 LOCATION Union Grove Twp. - N 1/2, SEC. 12, TWP. 21N, RNG. 4E

COUNTY Whiteside DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO.	D E P T H				Surface Water Elev.
Station	B	U	M		
BORING NO.	L	C	O		Stream Bed Elev.
Station	O	S	I		
Offset	S	Qu	S		Groundwater Elev.:
Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	First Encounter _____ ft ▽
					Upon Completion _____ ft ▽
					After _____ Hrs. _____ ft
SOFT black and brown LOAM					
			0.5		
			P		
	96.50				
SOFT brown SILTY LOAM TILL					
	95.00		0.3		
			B		
VERY SOFT black SILTY LOAM					
	92.50		0.1		
			B		
VERY SOFT Same as above					
	89.50		0.1		
			B		
DENSE weathered LIMESTONE					
	87.50				
MEDIUM Same as above					
	85.00				
DENSE Same as above					
	82.50				
VERY DENSE LIMESTONE					
	80.00				
End of Boring					

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

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 2/10/98

ROUTE IL 78 DESCRIPTION P92-020-98 IL 78 culvert over a ditch, .5 mile north of US 30 LOGGED BY K. Tressel

SECTION 110T&RS-3 LOCATION Union Grove Twp. - N 1/2, SEC. 12, TWP. 21N, RNG. 4E

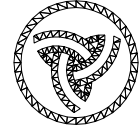
COUNTY Whiteside DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO.	D E P T H				Surface Water Elev.
Station	B	U	M		
BORING NO.	L	C	O		Stream Bed Elev.
Station	O	S	I		
Offset	S	Qu	S		Groundwater Elev.:
Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	First Encounter _____ ft ▽
					Upon Completion _____ ft ▽
					After _____ Hrs. _____ ft
SOFT black and brown LOAM					
			0.5		
			E		
	96.50				
VERY SOFT black SILTY LOAM					
	95.00		0.1		
			B		
VERY SOFT black SILTY LOAM TILL					
	92.00		0.6		
			S		
MEDIUM SANDY TILL with LIMESTONE fragments					
	90.00				
MEDIUM weathered LIMESTONE					
	87.50				
VERY DENSE LIMESTONE					
	85.00				
VERY DENSE Same as above					
	82.50		100/2'		
			PEN		
End of Boring					

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

BBS, from 137 (Rev. 8-99)

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 2/10/98

ROUTE IL 78 DESCRIPTION P92-020-98 IL 78 culvert over a ditch, 1.2 miles north of US 30 LOGGED BY K. Tressel

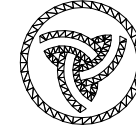
SECTION _____ LOCATION Union Grove Twp. - N 1/2, SEC. 1, TWP. 21N, RNG. 4E

COUNTY Whiteside DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
BORING NO.	P	O	S	I		T	W	S	T
Station	H	S	Qu	T	Groundwater Elev.:	H	S	Qu	T
Offset	(ft)	(/6")	(tsf)	(%)	First Encounter	(ft)	(/6")	(tsf)	(%)
Ground Surface Elev.					Upon Completion				
					After _____ Hrs.				
SOFT black and brown SILTY LOAM			0.2	14.0	VERY STIFF brown and rust CLAY TILL				
			P						
					78.00		10	3.5	15.0
							16	B	
STIFF brown SILTY LOAM with trace of SAND		10							
		11	1.8	18.0	VERY STIFF gray SILTY CLAY TILL		9		
		12	S				11	3.4	13.0
					75.00		13	S	
LOOSE fine SAND with some CLAY		3							
		3	0.5	21.0	DENSE weathered LIMESTONE		36		
		3	P				100/1"		
					73.00		PEN		
MEDIUM SANDY CLAY LOAM		2			End of Boring				
		2	0.7	17.0					
		2	P						
MEDIUM black SILTY CLAY LOAM		4							
		5	0.7	38.0					
		7	P						
STIFF gray and brown SILTY CLAY LOAM		5							
		5	1.2	24.0					
		7	B						
MEDIUM brown fine SANDY LOAM		8							
		9	0.5	19.0					
		8	S						
VERY STIFF brown and gray CLAY TILL		6							
		8	3.5	14.0					
		11	B						

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

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 2/17/98

ROUTE IL 78 DESCRIPTION P92-020-98 IL 78 culvert over a ditch, 1.2 miles north of US 30 LOGGED BY K. Tressel

SECTION _____ LOCATION Union Grove Twp. - N 1/2, SEC. 1, TWP. 21N, RNG. 4E

COUNTY Whiteside DRILLING METHOD _____ HAMMER TYPE _____

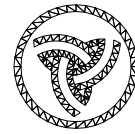
STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
BORING NO.	P	O	S	I		T	W	S	T
Station	H	S	Qu	T	Groundwater Elev.:	H	S	Qu	T
Offset	(ft)	(/6")	(tsf)	(%)	First Encounter	(ft)	(/6")	(tsf)	(%)
Ground Surface Elev.					Upon Completion				
					After _____ Hrs.				
SOFT brown SILTY CLAY LOAM			0.5	15.0	VERY STIFF brown CLAY TILL				
			P						
					78.00		10	2.4	16.0
							10	S	
SOFT fine brown SANDY LOAM		5							
		5	0.2	15.0	VERY STIFF gray CLAY TILL		7		
		3	P				12	3.5	16.0
					75.50		17	S	
SOFT brown SILTY LOAM		5							
		5	0.3	30.0	STIFF gray SILTY CLAY TILL		6		
		4	B				12	1.7	15.0
					72.50		17	S	
SOFT black SILTY CLAY LOAM		4							
		4	0.4	37.0	VERY DENSE weathered LIMESTONE		100/1"		
		3	B				PEN		
					70.50				
STIFF gray SILTY LOAM		2			End of Boring				
		4	1.5	23.0					
		6	P						
MEDIUM brown SILTY CLAY LOAM		5							
		7	1.0	25.0					
		14	P						
MEDIUM tan CLAY TILL		3							
		3	0.8	16.0					
		6	B						
VERY STIFF tan CLAY TILL with LIMESTONE fragments		6							
		8	3.1	15.0					
		12	B						

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

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = Brad.Cushman	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				BORING LOGS SN 098-1035			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw\Bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\64666\Proj\Development\Studies & Plans\Design\Revised\64666-sht-blog.dgn	DRAWN	CHECKED =	REVISED =								642	(110)C&RS-3	WHITESIDE	234	116
PLOT SCALE = 40.0000' / in.		DATE =	REVISED =	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 64666								
PLOT DATE = Aug-26-2022 12:46:49 PM				ILLINOIS FED. AID PROJECT											

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 8/25/10

ROUTE IL 78 DESCRIPTION P92-009-11 Box Culvert on IL 78, .2 miles S. of Malvern Road LOGGED BY W. Garza

SECTION LOCATION Ustick Twp. 36SW, SEC. , TWP. 22N, RNG. 4E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

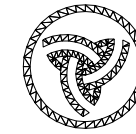
STRUCT. NO. 098-1034
Station 99+15
BORING NO. B-1b
Station 99+06
Offset 15.00ft E CL
Ground Surface Elev. 99.50 ft

DEPTH (ft)	BLOWS (/6")	UNITS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOWS (/6")	UNITS (tsf)	MOISTURE (%)
------------	-------------	-------------	--------------	-------------	------------	-------------	-------------	--------------

				STIFF gray SILTY CLAY LOAM (continued)	78.50	2	1.3	26.0
						4	B	
97.50	2			SOFT gray SILTY CLAY LOAM		0		
	3	2.1	20.0			0	0.4	30.0
96.00	5	P			76.00	1	B	
				MEDIUM gray LOAM with dirty SAND lens		0		
	2				-25	2	0.8	23.0
93.50	5	P	24.0		73.50	3	B	
				VERY STIFF light gray SILTY CLAY LOAM TILL		3		
	2					4	2.3	16.0
91.00	5	P	19.0		71.00	7	B	
				STIFF light gray SILTY CLAY LOAM TILL		2		
	2				-30	5	1.8	17.0
88.50	5	P	27.0		68.50	8	B	
				STIFF light gray SILTY CLAY LOAM TILL		1		
	1					3	1.8	14.0
86.00	5	B	27.0		66.00	6	B	
				VERY STIFF gray CLAY LOAM TILL		3		
	1				-35	4	3.5	14.0
83.50	3	P	32.0			8	B	
				VERY DENSE light gray weathered LIMESTONE	63.00			
								100/3'
	0					2	1.3	26.0
81.00	3	B		End of Boring	61.00			
	1			STIFF gray SILTY CLAY LOAM				
	20				-40			

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

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 8/25/10

ROUTE IL 78 DESCRIPTION P92-009-11 Box Culvert on IL 78, .2 miles S. of Malvern Road LOGGED BY W. Garza

SECTION LOCATION Ustick Twp. - 36SW, SEC. , TWP. 22N, RNG. 4E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 098-1034
Station 99+15
BORING NO. B-2b
Station 99+42
Offset 46.00ft W CL
Ground Surface Elev. 87.00 ft

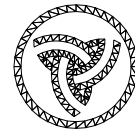
DEPTH (ft)	BLOWS (/6")	UNITS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOWS (/6")	UNITS (tsf)	MOISTURE (%)
------------	-------------	-------------	--------------	-------------	------------	-------------	-------------	--------------

				SOFT brown SILTY LOAM				
						0.3	25.0	
				VERY STIFF gray CLAY LOAM TILL (continued)	66.00	6	2.5	16.0
						10	B	
				SOFT brown SILTY LOAM		0		
85.00						1	0.3	35.0
				VERY STIFF gray CLAY LOAM TILL		6	2.3	14.0
83.50						10	B	
				MEDIUM brown SILTY CLAY LOAM				
	1					19		
	1	0.6	30.0	VERY DENSE tan/light gray weathered LIMESTONE	-25	14		
81.00	2	P			61.00	35		
				STIFF dark gray SILTY CLAY LOAM				
	1					23		
	2	1.0	26.0	DENSE tan weathered LIMESTONE with fine SAND lens		14		
78.50	4	B			58.50	17		
				MEDIUM gray SILTY LOAM				
	0					0		
	2	0.5	29.0	VERY SOFT dark brown CLAY LOAM with 12% ORGANICS	-30	0		83.0
76.00	3	B			56.00	0		
				MEDIUM light gray SILT				
	0					100/2'		
	1	0.5	25.0	VERY DENSE tan weathered LIMESTONE				
73.50	3	P			53.50			
				End of Boring				
				MEDIUM tan/gray SILT				
	1							
	2	0.9	25.0		-35			
71.00	3	S						
				STIFF gray SILTY CLAY LOAM TILL				
	0							
	2	1.3	16.0					
68.50	5	B						
	3				-40			

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

BBS, from 137 (Rev. 8-99)

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 2/23/98

ROUTE IL 78 DESCRIPTION P92-020-98 IL 78 culvert over a ditch, 5.6 miles north of US 30 LOGGED BY K. Tressel

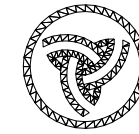
SECTION LOCATION Ustick Twp. - S 1/2, SEC. 13, TWP. 22N, RNG. 4E

COUNTY Whiteside DRILLING METHOD HAMMER TYPE

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After Hrs.
098-1031	297+83	B-1g	297+65.4	14.50ft Lt	99.80	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft
		VERY SOFT black SILTY CLAY								91.30					
	97.30	VERY SOFT Same as above													
	95.80														
		MEDIUM gray Same as above													
	93.30														
		MEDIUM rust and gray SILTY CLAY													
	90.80														
		STIFF rust and gray SILTY CLAY													
	88.30														
		STIFF gray SILTY CLAY													
	85.80														
		STIFF brown and gray Same as above													
	83.30														
		STIFF gray SILTY CLAY													
	80.80														

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

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 2/23/98

ROUTE IL 78 DESCRIPTION P92-020-98 IL 78 culvert over a ditch, 5.6 miles north of US 30 LOGGED BY K. Tressel

SECTION LOCATION Ustick Twp. - S 1/2, SEC. 13, TWP. 22N, RNG. 4E

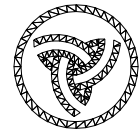
COUNTY Whiteside DRILLING METHOD HAMMER TYPE

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After Hrs.
098-1031	297+83	B-2g	297+95.5	14.00ft Lt	99.80	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft
		SOFT black SILTY CLAY								91.30					
	97.30	SOFT black SANDY LOAM													
	95.80														
		VERY SOFT black SILTY CLAY													
	93.30														
		SOFT Same as above Limestone at bottom of sample													
	90.80														
		SOFT Same as above with trace of SAND													
	88.30														
		VERY STIFF brown and gray mottled SILTY CLAY													
	85.80														
		STIFF gray SILTY CLAY													
	83.30														
		STIFF Same as above													
	80.80														

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

BBS, from 137 (Rev. 8-99)

BORING LOGS



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2

Date 8/20/10

ROUTE IL 78 DESCRIPTION P92-009-11 Box Culvert on IL 78, .6 miles S. of Carroll County Line LOGGED BY W. Garza

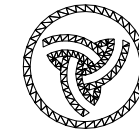
SECTION _____ LOCATION Ustick Twp. - 1SW, SEC. , TWP. 22N, RNG. 4E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	D E P T H	B L O W S	U C S Qu	M O I S T	Soil Description				D E P T H	B L O W S	U C S Qu	M O I S T
						(ft)	(/6")	(tsf)	(%)				
						Surface Water Elev.		ft					
						Stream Bed Elev.	88.00	ft					
						Groundwater Elev.:							
						First Encounter	65.0	ft	▽				
						Upon Completion	61.5	ft	▽				
						After _____ Hrs.		ft					
						MEDIUM brown SANDY LOAM							
										3	1.1	22.0	
						STIFF tan SILTY LOAM with Limestone fragments (continued)	78.50			5	P		
						STIFF dark brown SILTY CLAY LOAM	97.50			2			
										2	1.5	26.0	
							96.00			4	P		
						VERY STIFF dark gray LOAM				2			
										4	2.5	19.0	
							93.50			5	P		
						VERY STIFF brown LOAM				2			
										3	2.5	19.0	
							91.00			4	P		
						STIFF brown SANDY LOAM				1			
										3	1.6	18.0	
							88.50			4	B		
						STIFF dark brown SILTY LOAM				3			
										4	1.5	26.0	
							86.00			5	P		
						STIFF brown SILTY LOAM				0			
										2	1.3	24.0	
							83.50			4	P		
						LOOSE tan weathered Limestone with reddish brown CLAY LOAM lens				5			
										3		20.0	
							81.00			4			
										2			

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

BBS, from 137 (Rev. 8-99)



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2

Date 8/20/10

ROUTE IL 78 DESCRIPTION P92-009-11 Box Culvert on IL 78, .6 miles S. of Carroll County Line LOGGED BY W. Garza

SECTION _____ LOCATION Ustick Twp. - 1SW, SEC. , TWP. 22N, RNG. 4E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

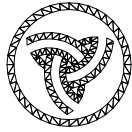
STRUCT. NO.	Station	D E P T H	B L O W S	U C S Qu	M O I S T	Soil Description				D E P T H	B L O W S	U C S Qu	M O I S T
						(ft)	(/6")	(tsf)	(%)				
						Surface Water Elev.		ft					
						Stream Bed Elev.	88.00	ft					
						Groundwater Elev.:							
						First Encounter	65.0	ft	▽				
						Upon Completion	61.5	ft	▽				
						After _____ Hrs.		ft					
						VERY DENSE tan weathered Limestone (continued)							
							58.50						
						End of Boring							

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

BBS, from 137 (Rev. 8-99)

FILE NAME :	USER NAME = Brad.Cushman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS SN 098-1029	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\dot-pw.bentley.com\PI\DOT Documents\DOT Offices\District 2\Projects\64666\Proj\Development\Studies & Plans\Design\Revised\02.64666-shr-blog.dgn	DRAWN	CHECKED -	REVISED -			642	(110)C&RS-3	WHITESIDE	234	119
PLOT SCALE = 48.0000' / in.		DATE -	REVISED -	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 64666
PLOT DATE = Aug-26-2022 12:47:42 PM										ILLINOIS FED. AID PROJECT

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 8/20/10

ROUTE IL 78 DESCRIPTION P92-009-11 Box Culvert on IL 78, .6 miles S. of Carroll County Line LOGGED BY W. Garza

SECTION _____ LOCATION Ustick Twp. - 1SW, SEC. , TWP. 22N, RNG. 4E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 098-1029
Station 366+97.5

BORING NO. B-2a
Station 366+83
Offset 13.00ft Lt CL
Ground Surface Elev. 99.50 ft

D	B	U	M	Surface Water Elev.	D	B	U	M
E	L	C	O	ft	E	L	C	O
P	O	S	I	ft	P	O	S	I
T	W	Qu	S	Groundwater Elev.:	T	W	Qu	S
H	S	Qu	T	First Encounter	H	S	Qu	T
				Upon Completion				
				After _____ Hrs.				
(ft)	(/6")	(tst)	(%)	ft	(ft)	(/6")	(tst)	(%)

DEPTH (ft)	SOIL DESCRIPTION	D	B	U	M	DEPTH (ft)	SOIL DESCRIPTION	D	B	U	M
97.50	VERY STIFF brown SILTY CLAY LOAM	1				6	MEDIUM tan dirty weathered LIMESTONE (continued)				11.0
96.00		3	2.0	17.0		10					
		4	P			78.00					
93.50	STIFF brown SILTY CLAY LOAM	1				5	MEDIUM tan dirty SANDY GRAVEL with LIMESTONE fragments				
		2	1.6	24.0		9					
		4	P			7					
90.50	STIFF brown SILTY LOAM	1				8	MEDIUM tan dirty SANDY GRAVEL with LIMESTONE fragments				
		0	1.1	27.0		8					
		1	P			8					
88.00	VERY LOOSE brown fine SAND	0				6	VERY DENSE tan weathered LIMESTONE				
		1				56					
		1				21					
86.00	STIFF redish brown CLAY LOAM	1				13	MEDIUM tan weathered LIMESTONE				
		3	1.0	20.0		6					
		4	B			6					
83.00	SOFT brown SILTY CLAY LOAM	1				68.50	End of Boring				
		2	0.4	26.0							
		3	B								
81.00	MEDIUM tan dirty SANDY GRAVEL	2									
		6									
		6									
		5									

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

FILE NAME =	USER NAME = <u>Brod.Cushman</u>	DESIGNED -	REVISED -
<u>p:\dot\pw\bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64666\Program Development\Studies & Plans\Design\REVISED\64666-shr-blog.dgn</u>		DRAWN	REVISED
PLOT SCALE = <u>40.0000</u> ' / in.	CHECKED -	REVISOR -	
PLOT DATE = <u>Aug-26-2012 12:48:03 PM</u>	DATE -	REVISION -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

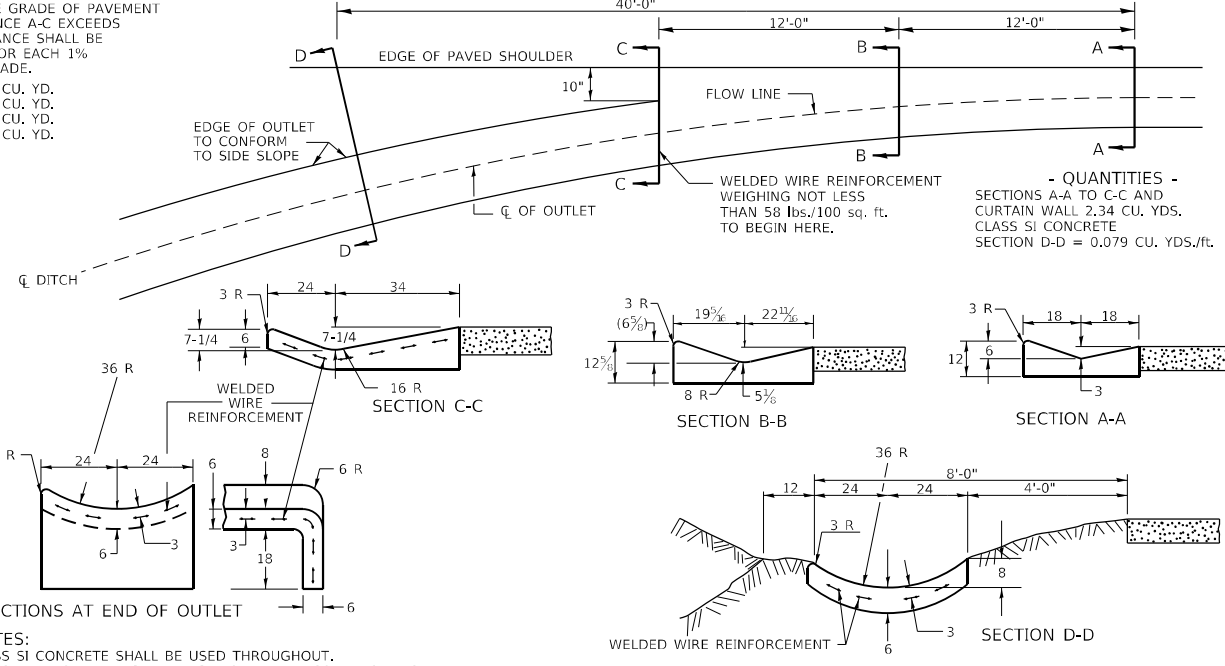
BORING LOGS
SN 098-1029

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	(110)C&RS-3	WHITESIDE	234	120
CONTRACT NO. 64666			ILLINOIS FED. AID PROJECT	

GUTTER OUTLET ADJACENT TO STABILIZED SHOULDER

NOTE:
IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE A-C EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6" FOR EACH 1% INCREASE IN GRADE.
3 % 30' 2.93 CU. YD.
4 % 36' 3.51 CU. YD.
5 % 42' 4.10 CU. YD.
6 % 48' 4.68 CU. YD.

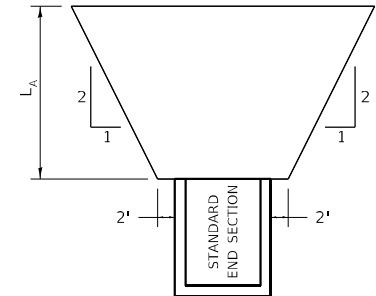
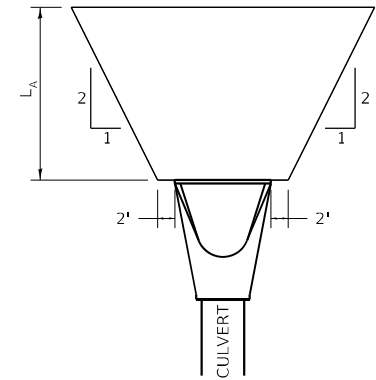


NOTES:
CLASS SI CONCRETE SHALL BE USED THROUGHOUT. THE GUTTER OUTLET WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. FOR CLASS SI CONCRETE (OUTLETS), WHICH PRICE SHALL INCLUDE THE COST OF THE WELDED WIRE REINFORCEMENT

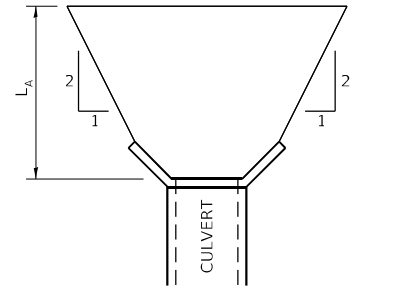
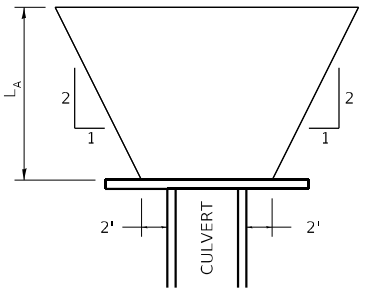
REVISED - 1-05-16
REVISED - 9-30-11

GUTTER OUTLET ADJACENT TO STABILIZED SHOULDER 15.4

RIPRAP AT END SECTIONS



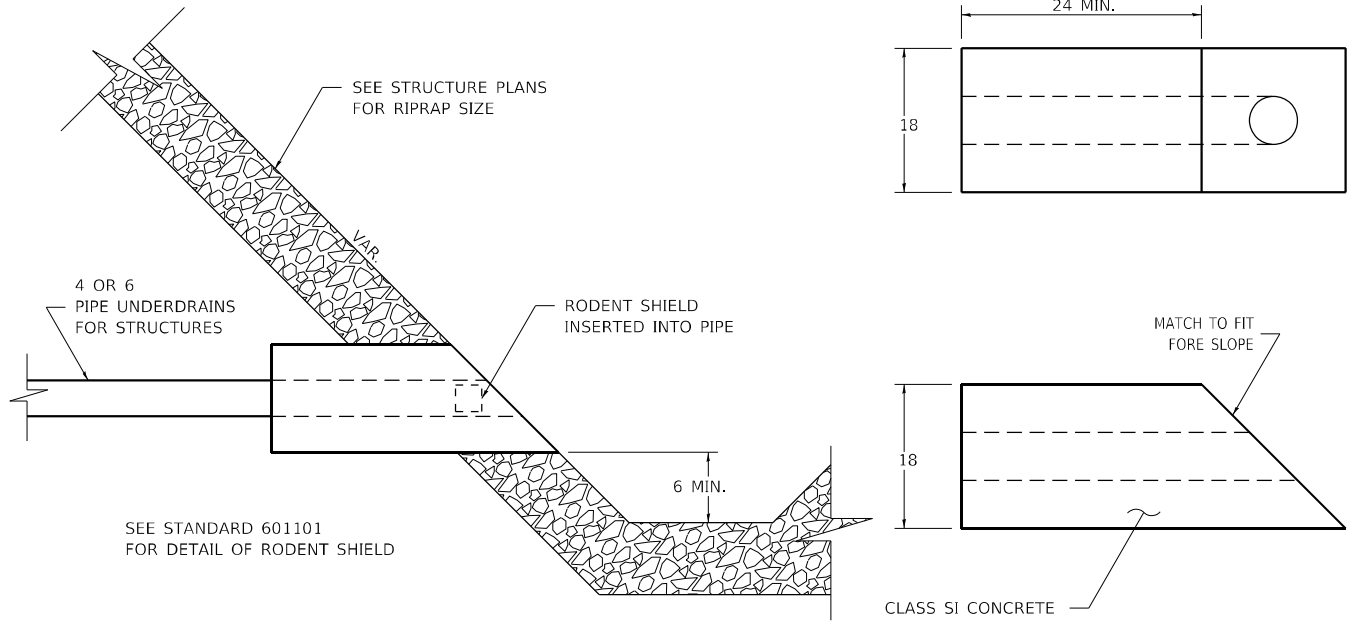
L_A = APRON LENGTH (ft)
IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, RIPRAP BANK TO BANK FOR LENGTH (L_A).
STANDARD END SECTION:
542001 (PIPE), 542011 (ELLIPTICAL)
DISTRICT STANDARD 10.1 (BOX).



REVISED - 7-13-16
REVISED - 11-12-14
REVISED - 2-10-14

RIPRAP AT END SECTIONS 19.4

CONCRETE HEADWALLS FOR PIPE UNDERDRAINS FOR STRUCTURES

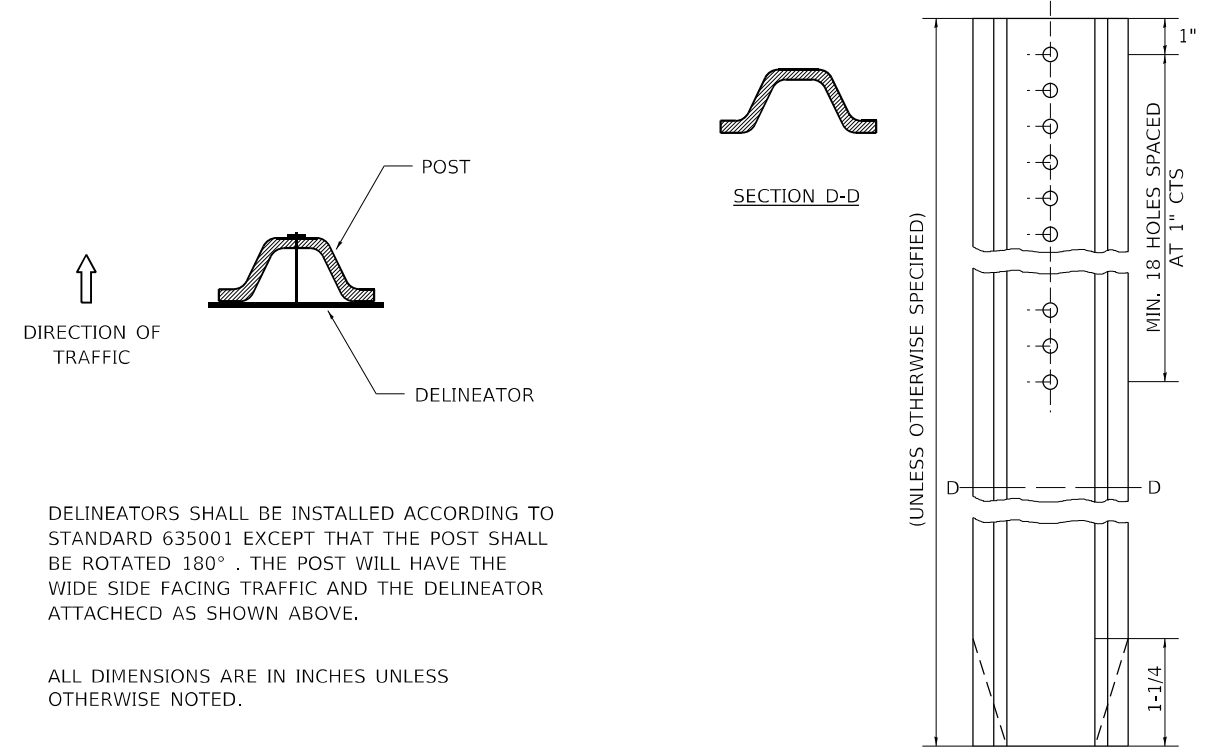


ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 9-28-17
REVISED - 11-12-14
REVISED - 10-03-11

CONCRETE HEADWALLS FOR PIPE UNDERDRAINS FOR STRUCTURES 27.4

DELINEATOR AND POST ORIENTATION



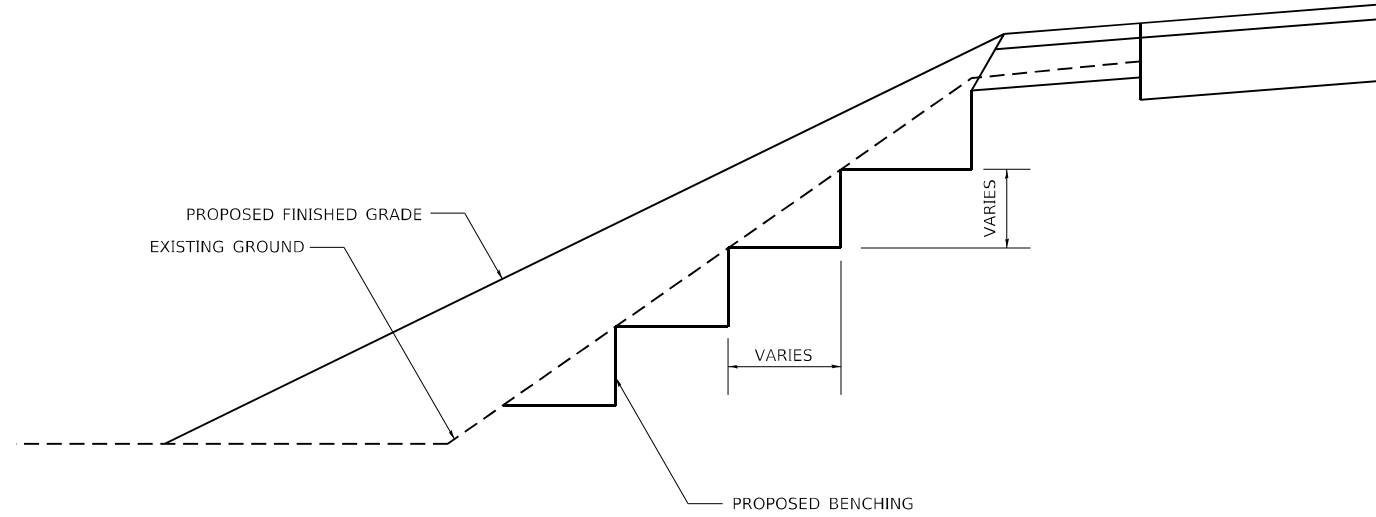
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -			642	(110)C&RS-3	WHITESIDE	234	121	
REVISED -						CONTRACT NO. 64G66		
REVISED -			SCALE: 100,000' / 1" SHEET		OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

FILE NAME: p:\projects\64666\program\development\studies & plans\design\cadd\cadd\sheet\02_64G66-sh-district_standards.dgn
PLOT DATE: 2/25/2017 11:30:33 AM

TYPICAL BENCHING ON EXISTING EMBANKMENT



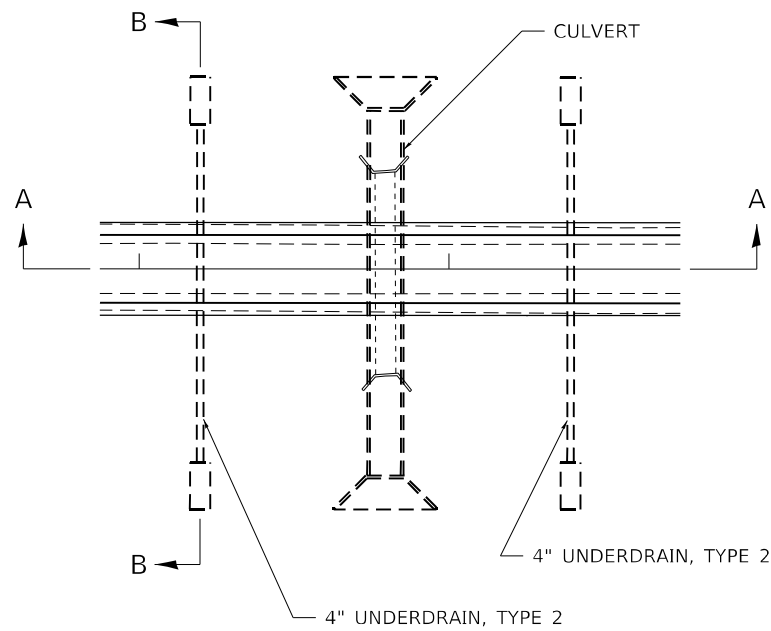
REVISED - 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

FILE NAME: \\n110101\hwy166\asphalt\pav\i\p\DOT\Documents\DOT\Office\District 2\Projects\64666\Program Development\Studies & Plans\Design\CAD\DWG\sheet\02_64666-shd-district_standards.dgn
 PLOT DATE: 2/25/2022 1:38:21 PM

REVISED -			F.A.P. RTE. 642	SECTION (110)C&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 122
REVISED -			REGION 2 / DISTRICT 2 STANDARD		CONTRACT NO. 64G66		
REVISED -	SCALE: 100,0000 ' / 1"	SHEET	OF	SHEETS	STA.	TO STA.	
REVISED -					ILLINOIS FED. AID PROJECT		

UNDERDRAIN FOR ACROSS ROAD (AR) CULVERTS



NOTES:

IN SAG CONDITIONS INSTALL PIPE UNDERDRAINS, TYPE 2, 4" ON BOTH SIDES OF CULVERT.

ON HIGHWAY GRADES GREATER THAN 2% INSTALL PIPE UNDERDRAINS, TYPE 2, 4" ON THE HIGH SIDE OF THE CULVERT.

THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS.

THE UNDERDRAIN SHALL EXTEND UNTIL INTERSECTING WITH THE SIDE SLOPES. THE PIPES SHALL DRAIN INTO CONCRETE HEADWALLS. (SEE ARTICLE 601.05 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARD 601101).

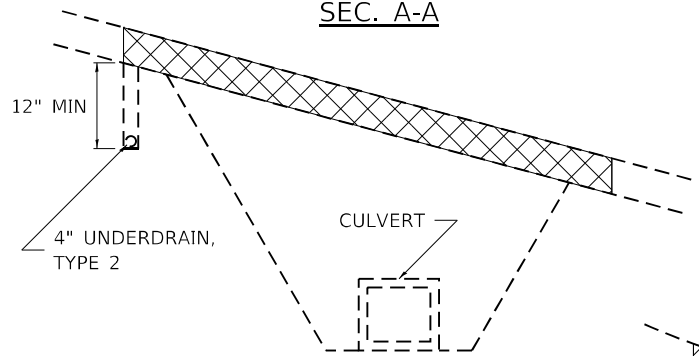
THE UNDERDRAIN SHALL BE A MINIMUM OF 12" BELOW THE EXISTING PAVEMENT.

PIPE UNDERDRAINS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE UNDERDRAINS, TYPE 2, 4".

CONCRETE HEADWALLS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR CONCRETE HEADWALLS FOR PIPE DRAINS.

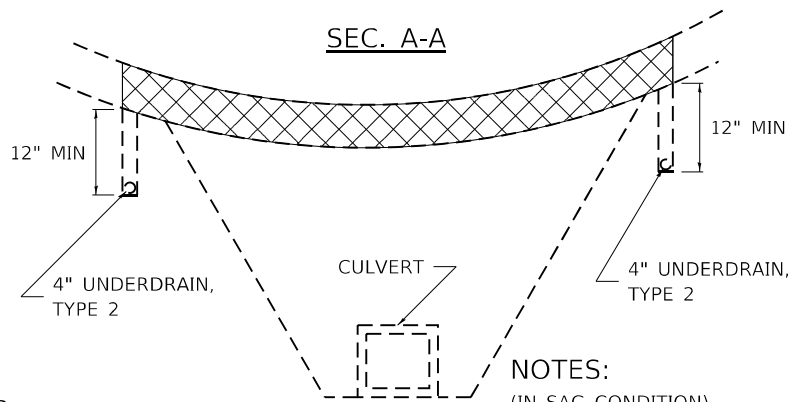
A DELINEATOR SHALL BE PLACED AT EACH CONCRETE HEADWALL, THESE BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR DELINEATORS.

SEC. A-A



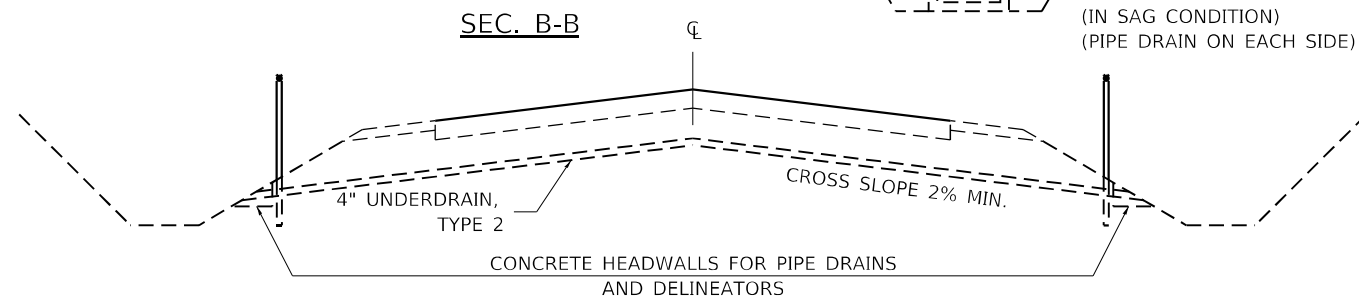
NOTES:
(HIGHWAY GRADE GREATER THAN 2%)

SEC. A-A



NOTES:
(IN SAG CONDITION)
(PIPE DRAIN ON EACH SIDE)

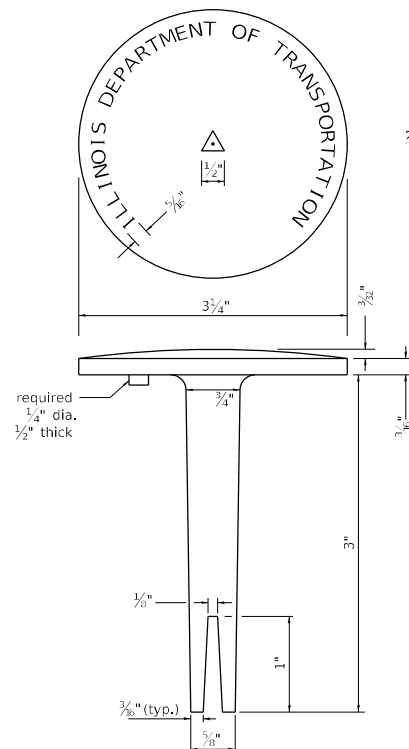
SEC. B-B



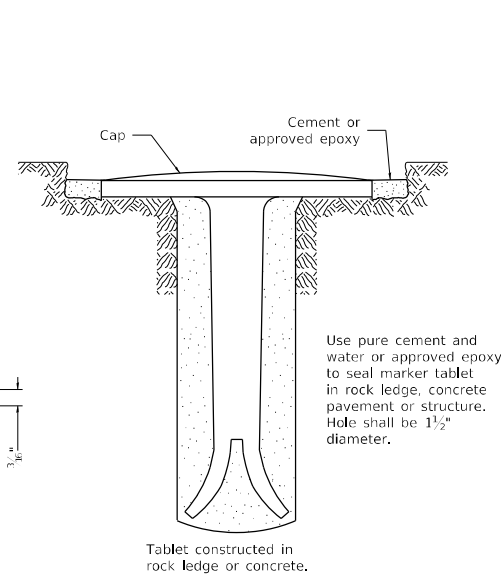
CONCRETE HEADWALLS FOR PIPE DRAINS AND DELINEATORS

REVISED - 8-03-17
REVISED - 7-13-16
REVISED - 1-05-16
REVISED - 6-27-14

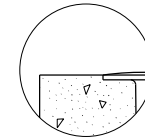
PERMANENT SURVEY MARKERS, TYPE II



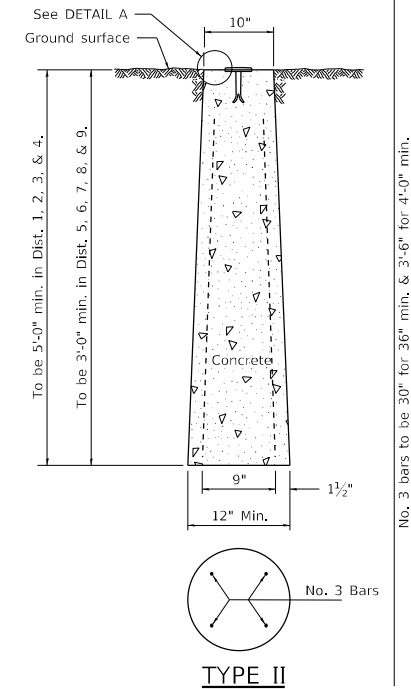
BRASS OR ALUMINUM TABLET



TYPE II



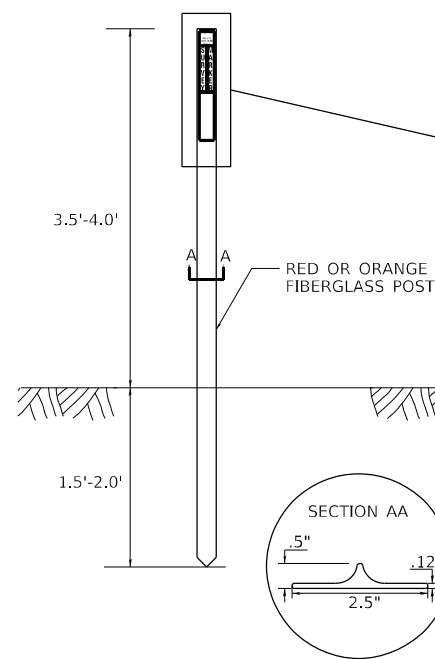
DETAIL A



CAST-IN-PLACE MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

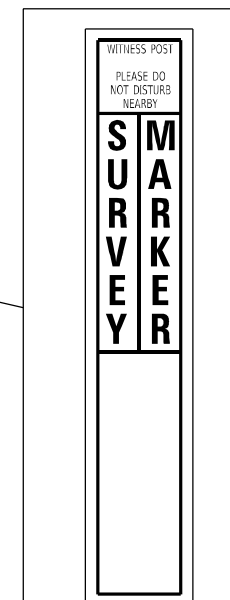
WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



PERMANENT SURVEY MARKER, TYPE II

GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH FOR PERMANENT SURVEY MARKERS, TYPE II.



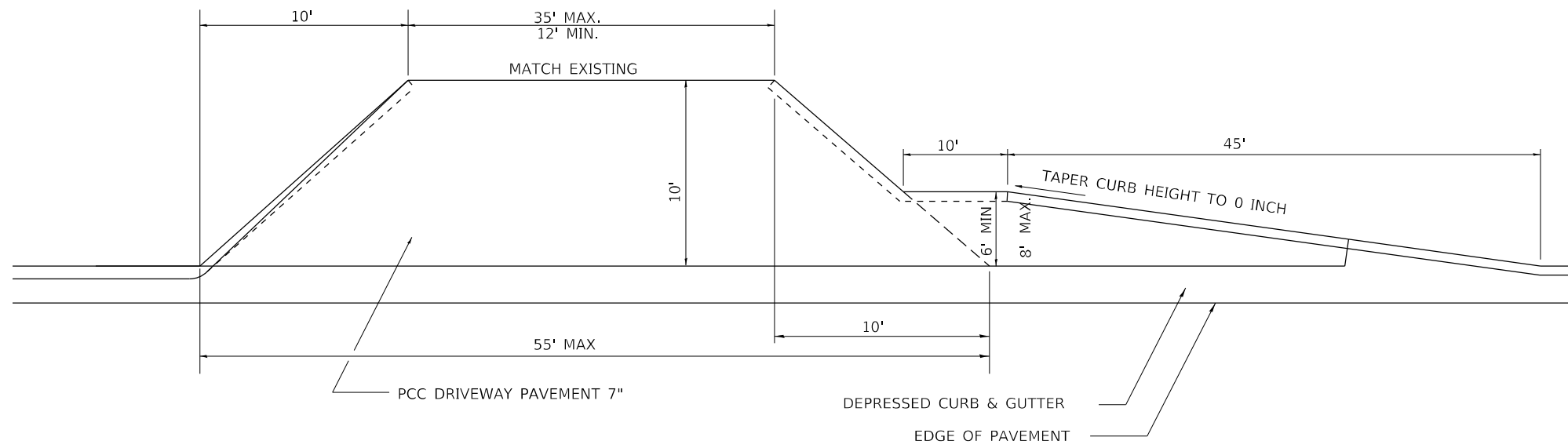
REVISED - 6-27-14
REVISED - 10-14-11
REVISED -
REVISED -

REGION 2 / DISTRICT 2 STANDARD

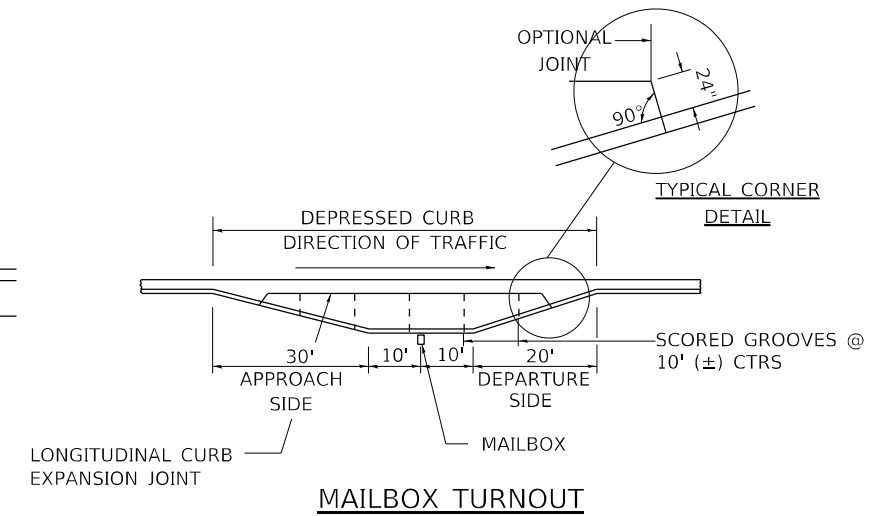
SCALE: 100,000' / 1" SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	(110)C&RS-3	WHITESIDE	234	124
			CONTRACT NO. 64G66	
ILLINOIS FED. AID PROJECT				

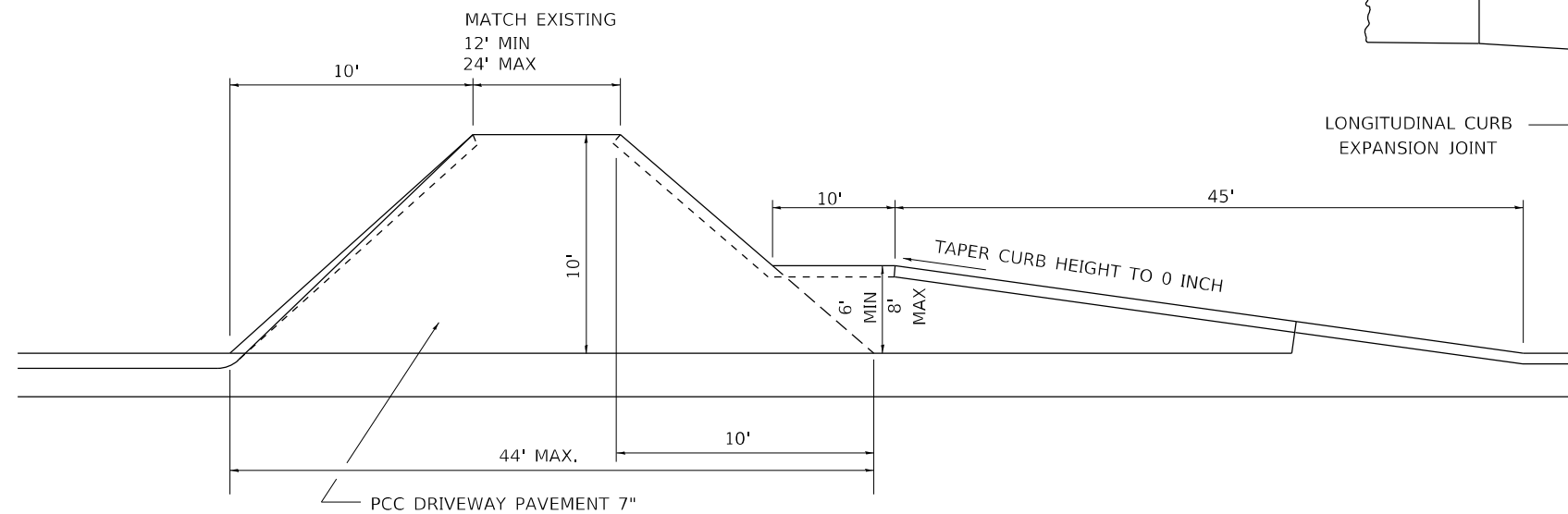
MAILBOX TURNOUT IN CURB AND GUTTER SECTION



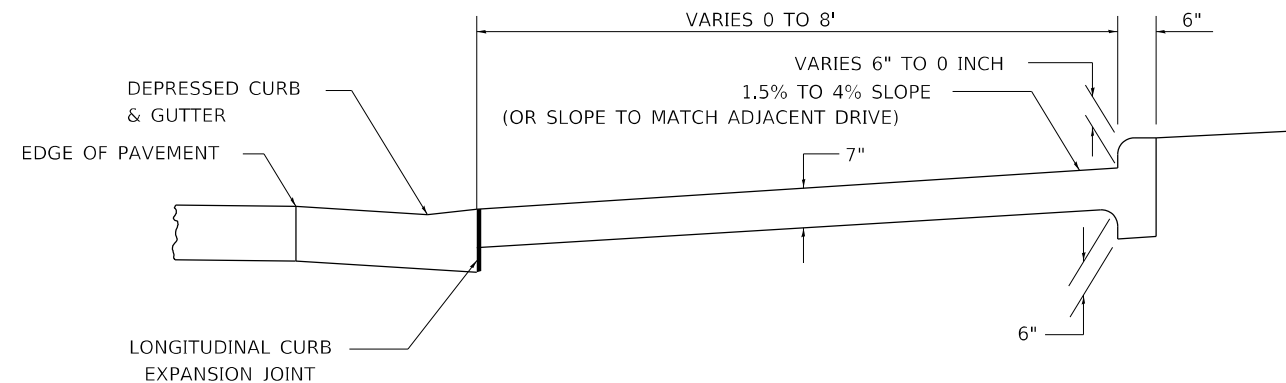
COMMERCIAL ENTRANCE WITH MAILBOX TURNOUT



MAILBOX TURNOUT



PRIVATE ENTRANCE WITH MAILBOX TURNOUT



TYPICAL CROSS SECTION

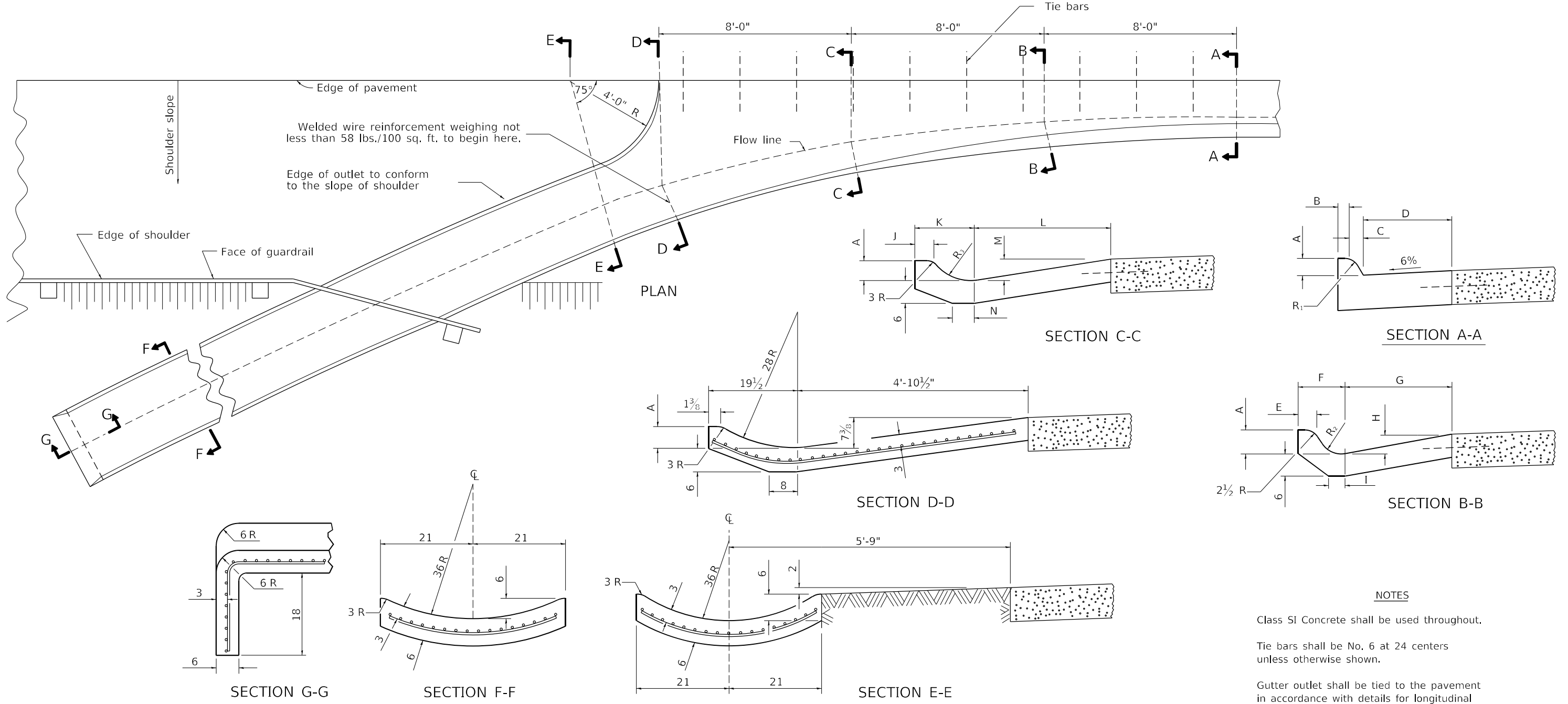
GENERAL NOTES

- 1.) THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECIFICATIONS.
- 2.) THE MAILBOX TURNOUT CROSS SLOPE WILL BE AS SHOWN ABOVE, AS SHOWN ON THE STATION CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
- 3.) THE MAILBOX TURNOUT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 423.06 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY 10 FT. CENTERS. IN THE EVENT THERE IS EXISTING OR PROPOSED SIDEWALK PRESENT, THESE SCORED GROOVES SHALL BE PLACED IN LINE WITH EVERY OTHER JOINT IN THE ADJACENT SIDEWALK.
- 4.) THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS WHICH PRICE SHALL INCLUDE THE LONGITUDINAL CURB EXPANSION JOINT AND MONOLITHIC CURB AS SHOWN, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 5.) SEE THE DISTRICT STANDARD 25.1 FOR ADDITIONAL DETAILS.
- 6.) MAILBOXES SHALL BE INSTALLED TO CURRENT UNITED STATES POSTAL SERVICE MAILBOX GUIDELINES.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

FILE NAME: pw:\dot-pw\Bentley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Programs\Drawings\Studies & Plans\Design\CADD\CADsheets\64G66-shi-district 2\03-18.dgn	USER NAME = Brad.Cushman	DESIGNED -	REVISED - 1-10-19	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE. = 642	SECTION = (110)C&RS-3	COUNTY = WHITESIDE	TOTAL SHEETS = 234	SHEET NO. = 125
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - 10-17-11					SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = Aug-26-2022 11:39:11 AM	DATE -	REVISED -									

STANDARD OUTLET FOR CURB & GUTTER



NOTES

- Class SI Concrete shall be used throughout.
- Tie bars shall be No. 6 at 24 centers unless otherwise shown.
- Gutter outlet shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.

If the average grade of pavement for the distance from Section A-A to D-D exceeds 2%, this distance shall be increased 6' for each 1% increase in grade.

When curb and gutter is constructed adjacent to flexible pavement, a 1 expansion joint shall be installed at construction joints.

All dimensions are in inches unless otherwise shown.

QUANTITY

For Section F-F =
0.069 cu. yds.
concrete per ft.

TYPE OF CURB & GUTTER	TABLE OF DIMENSIONS																CONCRETE QUANTITY A-A TO E-E AND CURTAIN WALL FOR 9 PAVT (CU YDS)	CONCRETE QUANTITY A-A TO E-E AND CURTAIN WALL FOR 10 PAVT (CU YDS)	
	SECTION A-A				SECTION B-B				SECTION C-C				R ₁	R ₂	R ₃				
	A	B	C	D	E	F	G	H	I	J	K	L				M			N
B-6.12	6	6	1	12	3	7 7/8	13 3/4	2 3/4	4	3	12 7/8	26 1/2	5	6	1	2	8	1.87	1.89
B-6.18	6	6	1	18	3 3/4	9 1/4	22	3	5	3 1/2	14 1/4	28 3/4	5 5/8	5 1/2	1	4	10	2.18	2.20
M-4.06	4	3	4	6	3	9 1/2	10 1/2	2	4	3	13	25	3	6	3	5	11	1.78	1.79
M-4.12	4	3	4	12	3 3/8	9 3/4	13 3/4	2 3/4	6	3	13 1/2	26 1/2	5	6	3	5	9	1.89	1.91
M-4.18	4	3	4	18	3 1/2	9 1/4	22	3	5	3 1/2	14 1/4	28 3/4	5 5/8	5 1/2	3	4	10	2.11	2.13
M-4.24	4	3	4	24	5	11 1/2	26	3 3/8	4	3 3/4	15	38	5 3/8	5	3	6	12	2.34	2.37
M-6.06	6	2	6	6	2 1/4	9 3/4	10 1/2	2	4	2 1/2	13	25	3	6	2	5	10	1.84	1.86
M-6.12	6	2	6	12	3 1/2	8 1/8	13 3/4	2 3/4	6	3	13 1/2	26 1/2	5	6	2	2	9	1.96	1.98
M-6.18	6	2	6	18	3 1/2	9 1/8	22	3	5	3 1/2	14 1/4	28 3/4	5 5/8	5 1/2	2	4	10	2.18	2.20
M-6.24	6	2	6	24	5 3/8	11	26	3 3/8	4	3 3/4	17 3/4	38	5 3/8	5	2	3 1/4	16	2.46	2.49

USER NAME = Brae,Cushman	DESIGNED -	REVISED - 1-05-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE. = 642	SECTION (110)C&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 126	
FILE NAME: p:\dot\pw\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Program De... DRAWN: RE-560-shi-district 10-12-14	CHECKED -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 64G66				
PLOT SCALE = 100,0000' / in.	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

BOX CULVERT END SECTIONS

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. This work will be measured for payment as each, with each end of each culvert being one each. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number specified.

Typical box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements of ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Number of segments shown in Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

** See roadway plans for embankment slope (V:H).

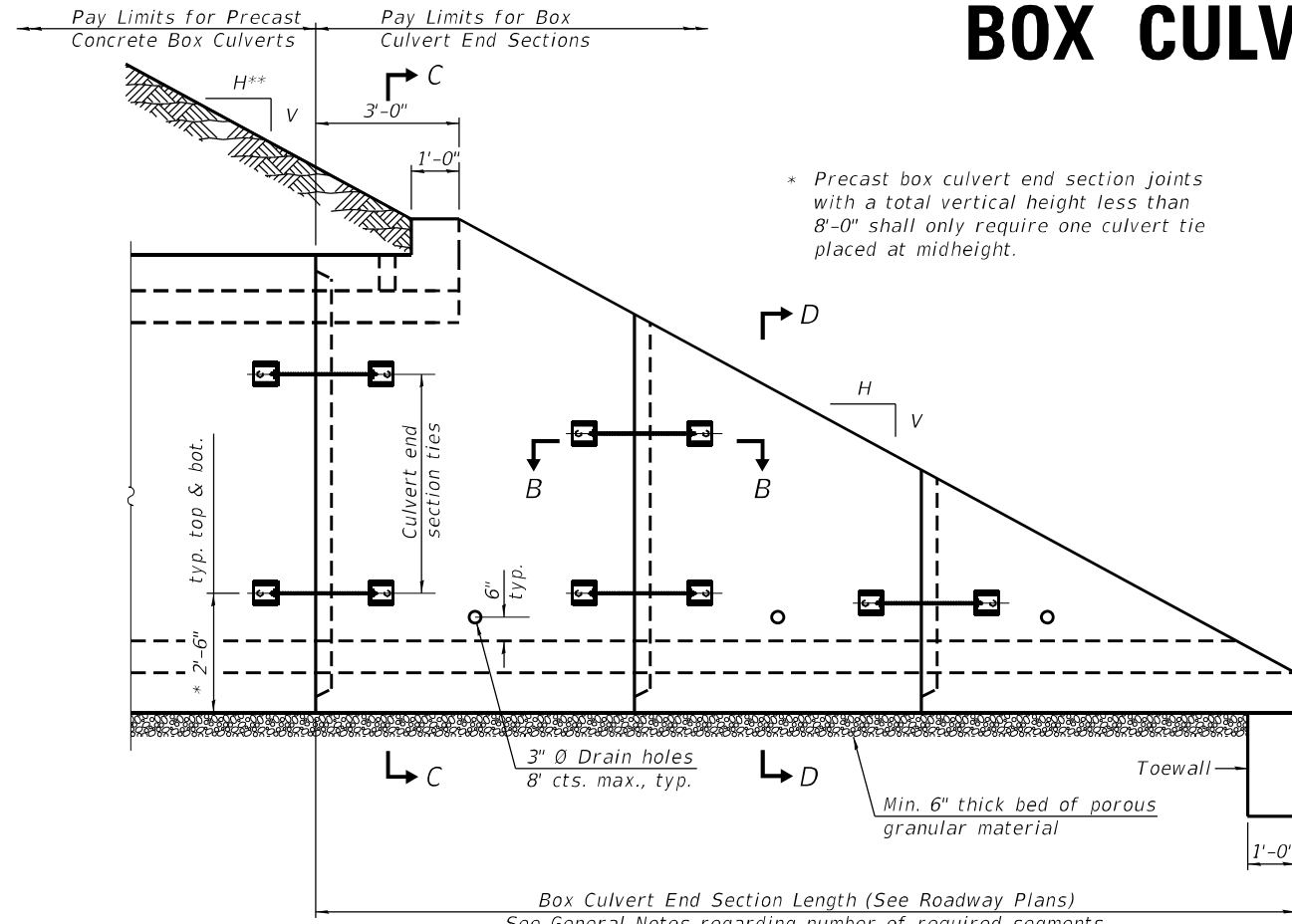
1" \emptyset anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the contract unit price for Box Culvert End Sections of the culvert number specified.

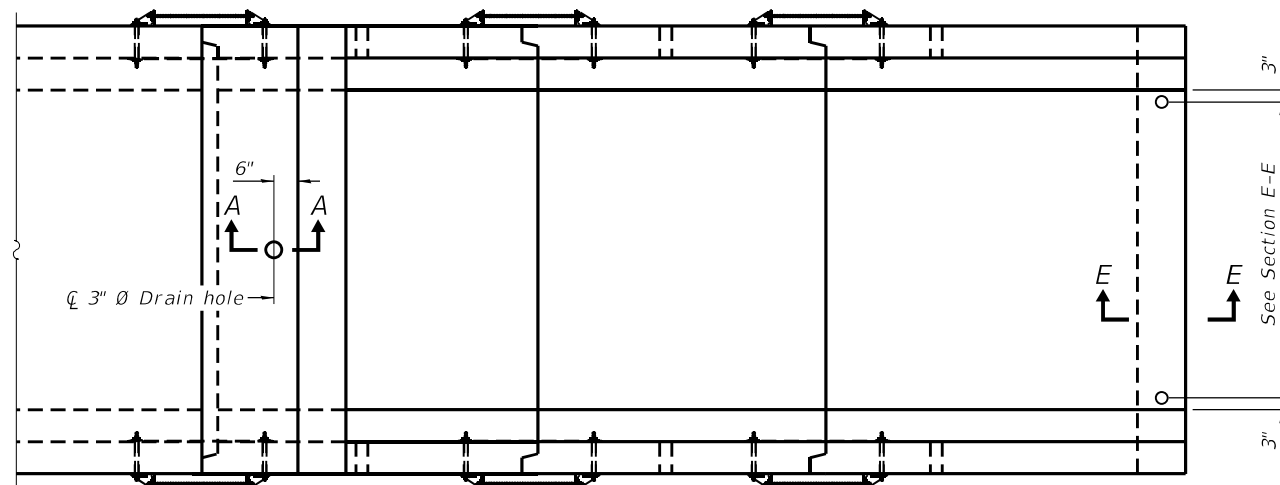
Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd..

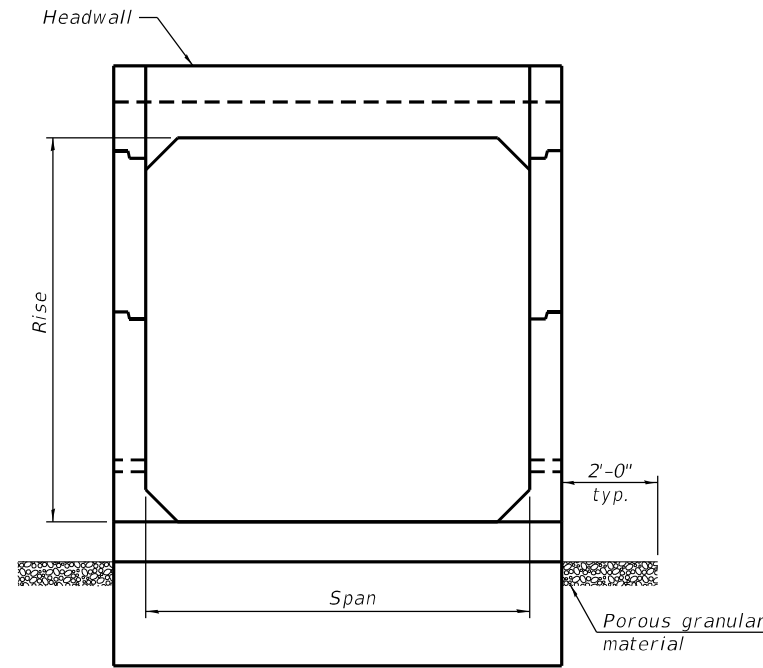
For end sections with traversable pipe grate systems, see grate detail sheet for required modifications.



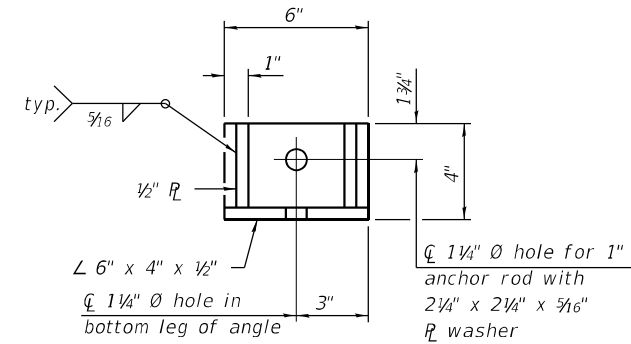
ELEVATION



PLAN



END VIEW



RESTRAINT ANGLE DETAIL

12" x 12" x 6" block of CA5, CA7, or CA11 coarse aggregate placed over drain opening. Block of aggregate shall be completely wrapped in nonwoven geotextile fabric.

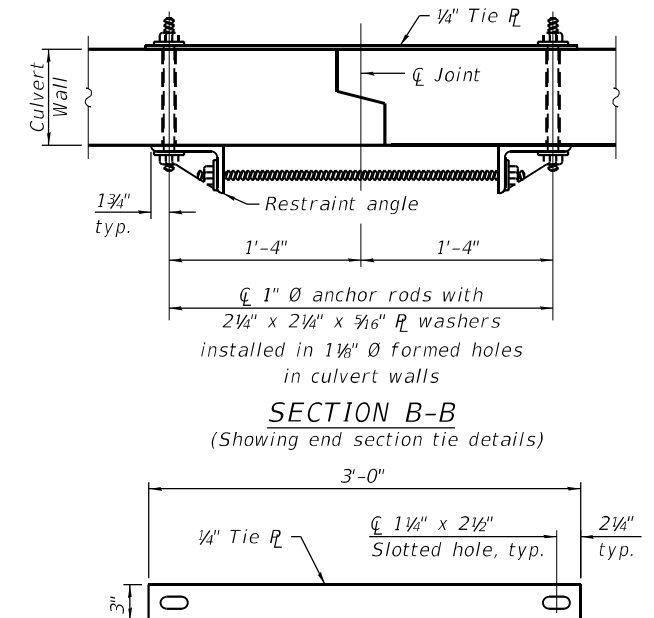
Provide a double layer of 12" x 12" nonwoven geotextile fabric centered over the drain hole. Fabric shall be sealed to the concrete with mastic.

3" \emptyset PVC drain cast with the concrete (Adjust location to clear reinforcement).

1/2" Square foam blockout around PVC drain (to be removed with formwork)

SECTION A-A

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.) (Sheet 1 of 2)



TIE PLATE DETAIL

SCB-TES

2-17-2017

USER NAME = Brae,Cushman	DESIGNED -	REVISED - 1-10-18
FILE NAME: p:\w\dot-pw.bentley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Program Design\Studies & Plans\Design\CADD\CAD\Sheets\REVISIONS-shi-district 2-05-18.dgn	DRAWN -	REVISED - 5-09-14
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = Aug-26-2022 11:39:45 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

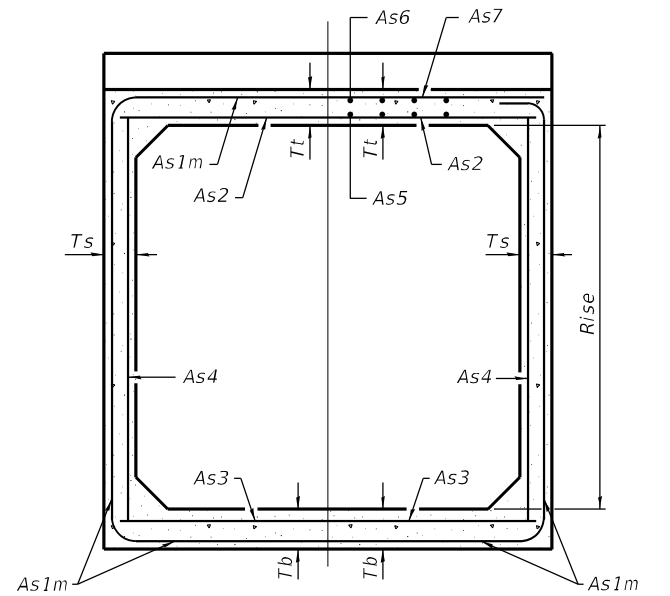
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	(110)C&RS-3	WHITESIDE	234	127
CONTRACT NO. 64G66				
ILLINOIS FED. AID PROJECT				

BOX CULVERT END SECTIONS

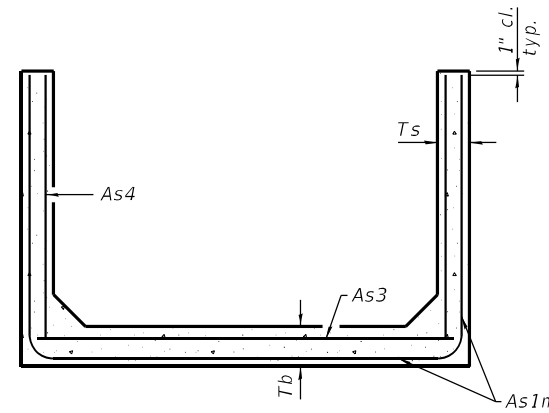
		As1m REINFORCEMENT (in. ² /ft)										
Ts (in.)	Rise (ft)	2	3	4	5	6	7	8	9	10	11	12
	4		0.19	0.17								
5		0.26	0.21	0.18								
6		0.22	0.26	0.23	0.22							
7		0.25	0.33	0.59	0.27	0.28						
8		0.40	0.35	0.43	0.39	0.36	0.34	0.40				
9		0.44	0.39	0.35	0.43	0.40	0.37	0.36	0.48			
10		0.48	0.42	0.38	0.47	0.44	0.41	0.38	0.42	0.56		
11		0.52	0.45	0.54	0.50	0.46	0.44	0.41	0.46	0.50	0.65	
12		0.55	0.49	0.58	0.54	0.50	0.48	0.45	0.46	0.46	0.61	0.75

(As1m reinforcement based upon welded wire reinforcement conforming to AASHTO M 55 or M 221).

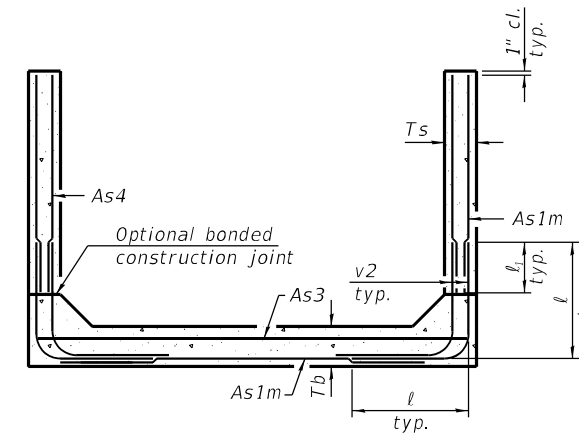


(Design Earth Cover ≥ 2 ft) (Design Earth Cover < 2 ft)

SECTION C-C



SECTION D-D



ALTERNATE SECTION D-D

l₁ DIMENSION

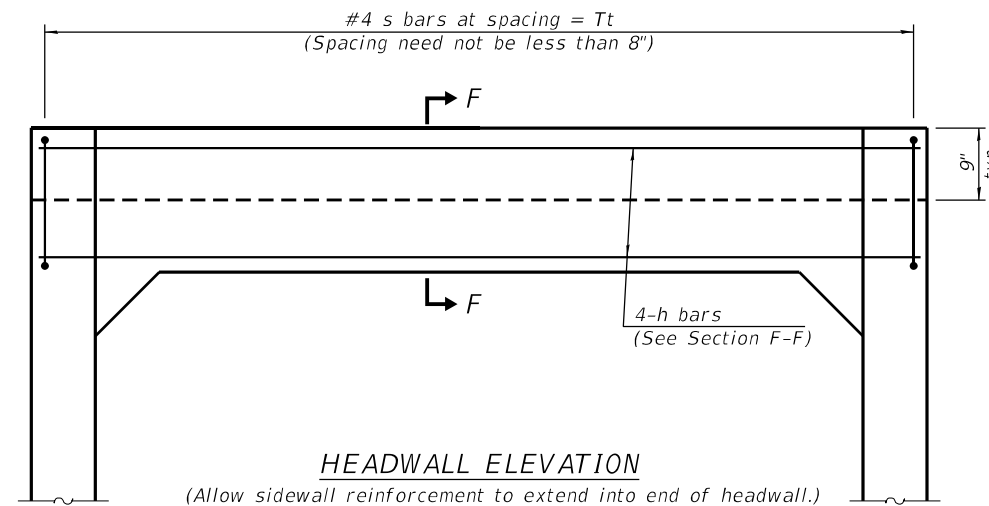
- #3 bar = 2'-0"
- #4 bar = 2'-8"
- #5 bar = 3'-4"
- #6 bar = 3'-11"

Notes:

Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D-D.

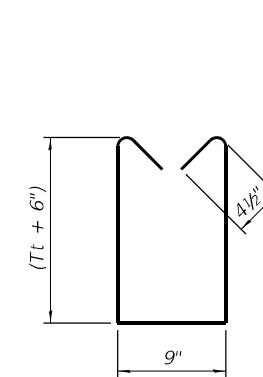
The size and spacing of the v2 bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft.) equal to 1.10*(As1m). v2 bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

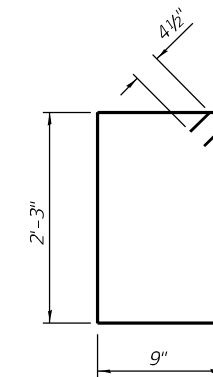


HEADWALL ELEVATION

(Allow sidewall reinforcement to extend into end of headwall.)



BAR s



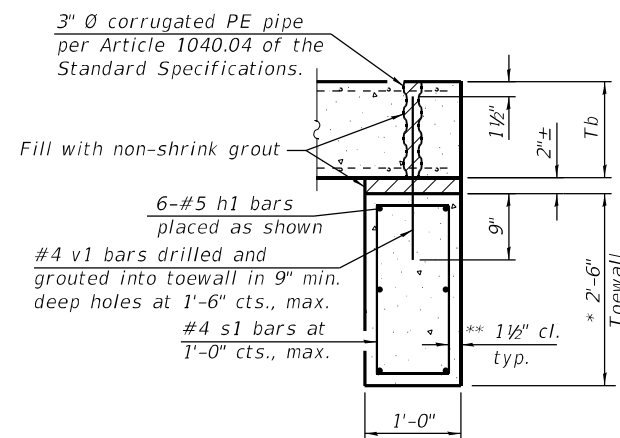
BAR s1

TOEWALL CONSTRUCTION SEQUENCE

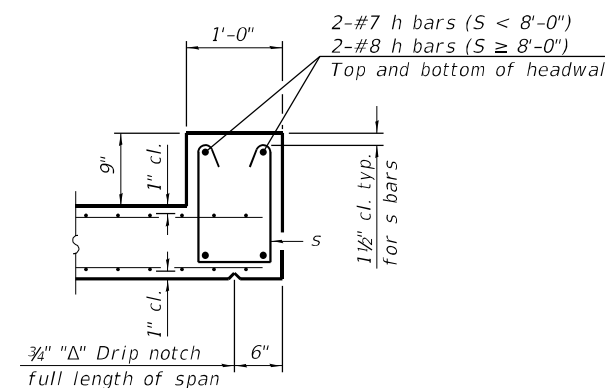
1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.



SECTION E-E



SECTION F-F

(Sheet 2 of 2)

SCB-TES

2-17-2017

USER NAME = Brao,Cushman	DESIGNED -	REVISED - 1-10-18
FILE NAME: p:\dot\p\w\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Program\Drawings\Studies & Plans\Design\CADD\CADsheets\64G66-shi-district 2\05-06.dgn	DRAWN -	REVISED - 5-09-14
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = Aug-26-2022 11:40:01 AM	DATE -	REVISED -

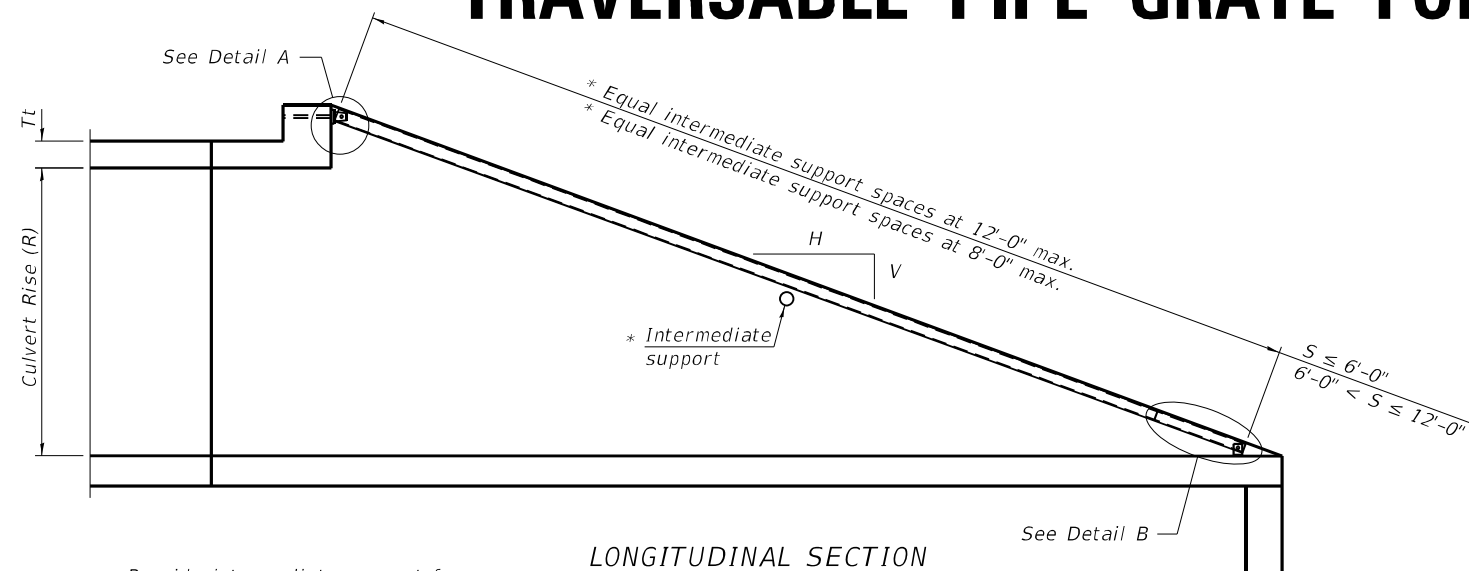
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

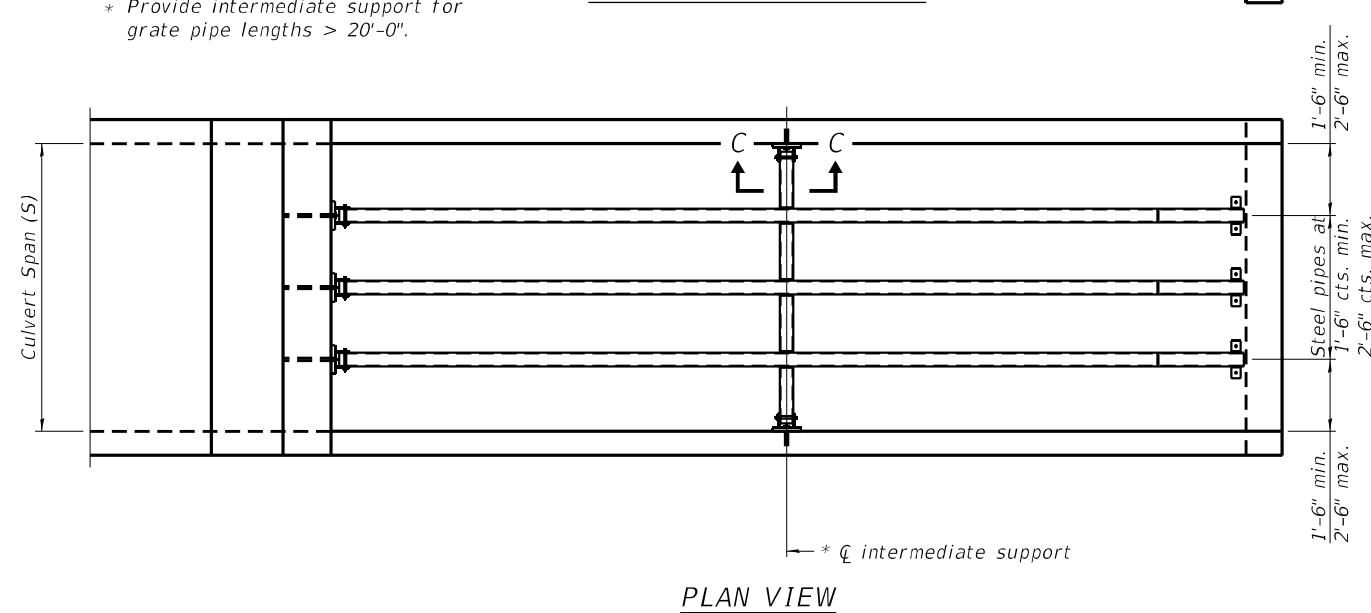
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 642	SECTION (110)C&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 128
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64G66	

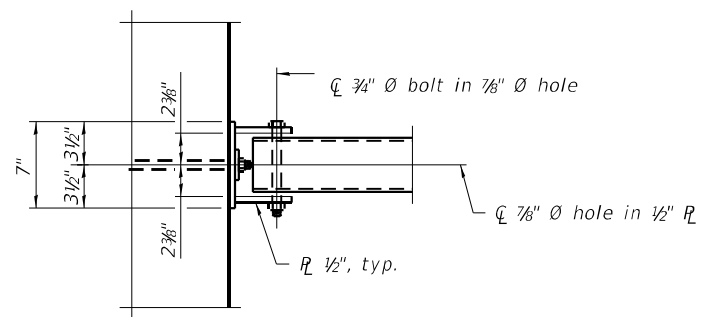
TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS



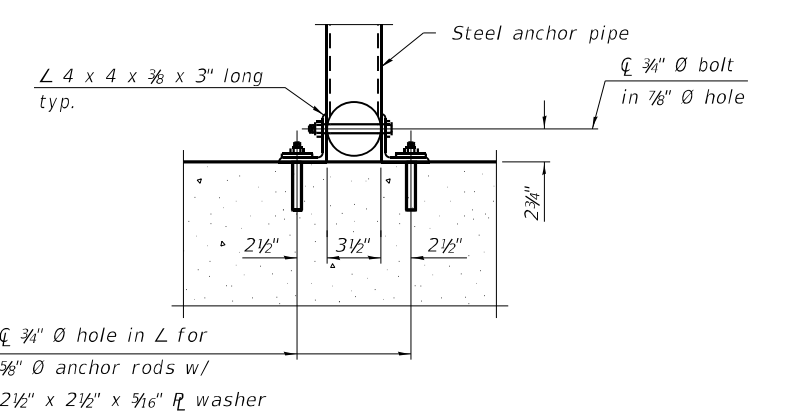
LONGITUDINAL SECTION



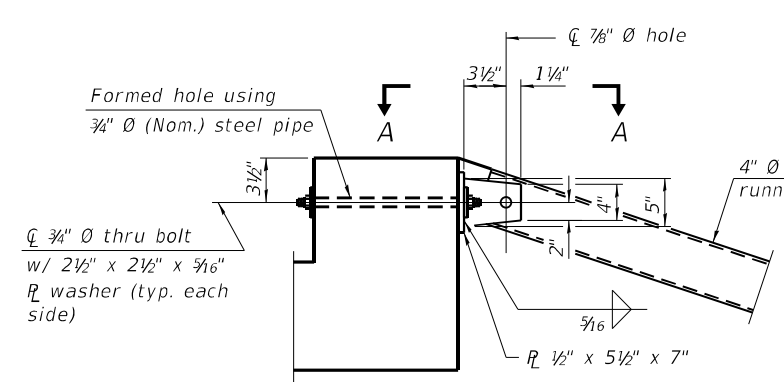
PLAN VIEW



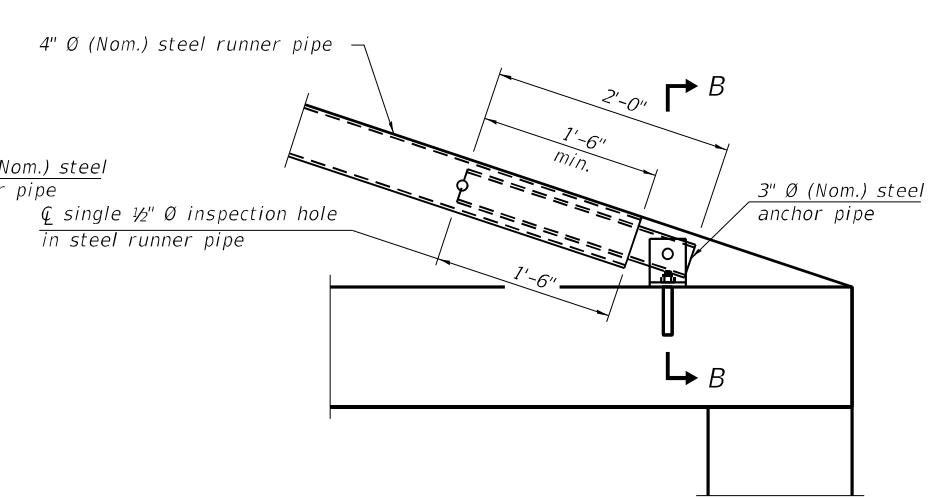
VIEW A-A



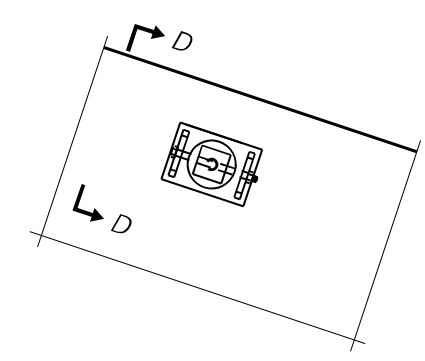
SECTION B-B



DETAIL A

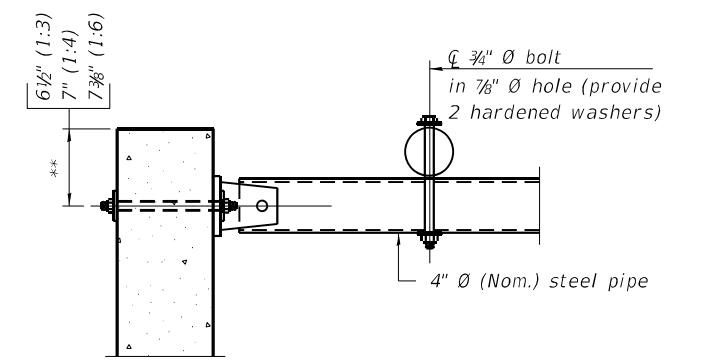


DETAIL B



VIEW C-C

(See Detail A for dimensions and details not shown.)



SECTION D-D

** Measured perpendicular to top of culvert wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert end section.

TPGBC-ZS

2-17-2017

(Sheet 1 of 2)

USER NAME = Brad.Cushman	DESIGNED -	REVISED - 1-10-18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE. = 642	SECTION = (110)C&RS-3	COUNTY = WHITESIDE	TOTAL SHEETS = 234	SHEET NO. = 129	
FILE NAME = p:\w\dot-pw.bentley.com\PWIDOT\Documents\UDOT Offices\District 2\Projects\64G66\Program\Drawings\Studies & Plans\Design\CADD\CADsheets\TPGBC-ZS-shi-district 2-09-14.dgn	DRAWN -	REVISED -		SCALE:	SHEET 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 64G66				
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = Aug-26-2022 11:40:17 AM	DATE -	REVISED -									

TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS

PIPE-GRATE SCHEDULE FOR BOX CULVERT END SECTIONS

GENERAL NOTES

This table is only to be used for cross drainage structures.

Precast Box Culvert Dimensions			Slope of End Section								
			1:3			1:4			1:6		
			Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe
4	2	7.5	1 @ 8'-10"	N/A	8'-10"	1 @ 11'-7"	N/A	11'-7"	1 @ 17'-2"	N/A	17'-2"
4	2	5	1 @ 8'-2"	N/A	8'-2"	1 @ 10'-8"	N/A	10'-8"	1 @ 15'-11"	N/A	15'-11"
4	3	7.5	1 @ 12'-0"	N/A	12'-0"	1 @ 15'-8"	N/A	15'-8"	1 @ 23'-3"	1 @ 3'-7"	26'-10"
4	3	5	1 @ 11'-4"	N/A	11'-4"	1 @ 14'-10"	N/A	14'-10"	1 @ 22'-0"	1 @ 3'-7"	25'-7"
4	4	7.5	1 @ 15'-2"	N/A	15'-2"	1 @ 19'-10"	1 @ 3'-7"	23'-5"	1 @ 29'-4"	2 @ 3'-7"	36'-6"
4	4	5	1 @ 14'-6"	N/A	14'-6"	1 @ 18'-11"	N/A	18'-11"	1 @ 28'-1"	2 @ 3'-7"	35'-3"
5	2	8	1 @ 8'-11"	N/A	8'-11"	1 @ 11'-9"	N/A	11'-9"	1 @ 17'-5"	N/A	17'-5"
5	2	6	1 @ 8'-5"	N/A	8'-5"	1 @ 11'-1"	N/A	11'-1"	1 @ 16'-5"	N/A	16'-5"
5	3	8	1 @ 12'-1"	N/A	12'-1"	1 @ 15'-10"	N/A	15'-10"	1 @ 23'-6"	1 @ 4'-7"	28'-1"
5	3	6	1 @ 11'-7"	N/A	11'-7"	1 @ 15'-2"	N/A	15'-2"	1 @ 22'-6"	1 @ 4'-7"	27'-1"
5	4	8	1 @ 15'-3"	N/A	15'-3"	1 @ 20'-0"	1 @ 4'-7"	24'-7"	1 @ 29'-7"	2 @ 4'-7"	38'-9"
5	4	6	1 @ 14'-9"	N/A	14'-9"	1 @ 19'-3"	N/A	19'-3"	1 @ 28'-7"	2 @ 4'-7"	37'-9"
5	5	8	1 @ 18'-5"	N/A	18'-5"	1 @ 24'-1"	2 @ 4'-7"	33'-3"	1 @ 35'-8"	3 @ 4'-7"	49'-5"
5	5	6	1 @ 17'-11"	N/A	17'-11"	1 @ 23'-5"	1 @ 4'-7"	28'-0"	1 @ 34'-8"	2 @ 4'-7"	43'-10"
6	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
6	2	7	2 @ 8'-8"	N/A	17'-4"	2 @ 11'-5"	N/A	22'-10"	2 @ 16'-11"	N/A	33'-10"
6	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	1 @ 5'-7"	52'-7"
6	3	7	2 @ 11'-10"	N/A	23'-8"	2 @ 15'-6"	N/A	31'-0"	2 @ 23'-0"	1 @ 5'-7"	51'-7"
6	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	1 @ 5'-7"	45'-7"	2 @ 29'-7"	2 @ 5'-7"	70'-4"
6	4	7	2 @ 15'-0"	N/A	30'-0"	2 @ 19'-8"	1 @ 5'-7"	44'-11"	2 @ 29'-1"	2 @ 5'-7"	69'-4"
6	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	2 @ 5'-7"	59'-4"	2 @ 35'-8"	3 @ 5'-7"	88'-1"
6	5	7	2 @ 18'-2"	N/A	36'-4"	2 @ 23'-9"	2 @ 5'-7"	58'-8"	2 @ 35'-2"	2 @ 5'-7"	81'-6"
6	6	8	2 @ 21'-7"	1 @ 5'-7"	48'-9"	2 @ 28'-3"	2 @ 5'-7"	67'-8"	2 @ 41'-9"	3 @ 5'-7"	100'-3"
6	6	7	2 @ 21'-4"	1 @ 5'-7"	48'-3"	2 @ 27'-11"	2 @ 5'-7"	67'-0"	2 @ 41'-3"	3 @ 5'-7"	99'-3"
7	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
7	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	2 @ 6'-7"	60'-2"
7	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	2 @ 6'-7"	53'-2"	2 @ 29'-7"	3 @ 6'-7"	78'-11"
7	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	3 @ 6'-7"	67'-11"	2 @ 35'-8"	4 @ 6'-7"	97'-8"
7	6	8	2 @ 21'-7"	2 @ 6'-7"	56'-4"	2 @ 28'-3"	3 @ 6'-7"	76'-3"	2 @ 41'-9"	5 @ 6'-7"	116'-5"
7	7	8	2 @ 24'-9"	3 @ 6'-7"	69'-3"	2 @ 32'-4"	4 @ 6'-7"	91'-0"	2 @ 47'-10"	6 @ 6'-7"	135'-2"
8	2	8	3 @ 8'-11"	N/A	26'-9"	3 @ 11'-9"	N/A	35'-3"	3 @ 17'-5"	N/A	52'-3"
8	3	8	3 @ 12'-1"	N/A	36'-3"	3 @ 15'-10"	N/A	47'-6"	3 @ 23'-6"	2 @ 7'-7"	85'-8"
8	4	8	3 @ 15'-3"	N/A	45'-9"	3 @ 20'-0"	2 @ 7'-7"	75'-2"	3 @ 29'-7"	3 @ 7'-7"	111'-6"
8	5	8	3 @ 18'-5"	N/A	55'-3"	3 @ 24'-1"	3 @ 7'-7"	95'-0"	3 @ 35'-8"	4 @ 7'-7"	137'-4"
8	6	8	3 @ 21'-7"	2 @ 7'-7"	79'-11"	3 @ 28'-3"	3 @ 7'-7"	107'-6"	3 @ 41'-9"	5 @ 7'-7"	163'-2"
8	7	8	3 @ 24'-9"	3 @ 7'-7"	97'-0"	3 @ 32'-4"	4 @ 7'-7"	127'-4"	3 @ 47'-10"	6 @ 7'-7"	189'-0"
8	8	8	3 @ 27'-11"	3 @ 7'-7"	106'-6"	3 @ 36'-6"	4 @ 7'-7"	139'-10"	3 @ 53'-11"	6 @ 7'-7"	207'-3"
9	2	9	3 @ 9'-3"	N/A	27'-9"	3 @ 12'-1"	N/A	36'-3"	3 @ 17'-11"	N/A	53'-9"
9	3	9	3 @ 12'-4"	N/A	37'-0"	3 @ 16'-2"	N/A	48'-6"	3 @ 24'-0"	3 @ 8'-7"	97'-9"
9	4	9	3 @ 15'-6"	N/A	46'-6"	3 @ 20'-4"	2 @ 8'-7"	78'-2"	3 @ 30'-1"	3 @ 8'-7"	116'-0"
9	5	9	3 @ 18'-8"	N/A	56'-0"	3 @ 24'-5"	3 @ 8'-7"	99'-0"	3 @ 36'-2"	4 @ 8'-7"	142'-10"
9	6	9	3 @ 21'-10"	2 @ 8'-7"	82'-8"	3 @ 28'-7"	3 @ 8'-7"	111'-6"	3 @ 42'-3"	5 @ 8'-7"	169'-8"
9	7	9	3 @ 25'-0"	3 @ 8'-7"	100'-9"	3 @ 32'-8"	4 @ 8'-7"	132'-4"	3 @ 48'-4"	6 @ 8'-7"	196'-6"
9	8	9	3 @ 28'-2"	3 @ 8'-7"	110'-3"	3 @ 36'-10"	4 @ 8'-7"	144'-10"	3 @ 54'-5"	6 @ 8'-7"	214'-9"
9	9	9	3 @ 31'-4"	3 @ 8'-7"	119'-9"	3 @ 40'-11"	5 @ 8'-7"	165'-8"	3 @ 60'-6"	7 @ 8'-7"	241'-7"
10	2	10	3 @ 9'-6"	N/A	28'-6"	3 @ 12'-5"	N/A	37'-3"	3 @ 18'-5"	N/A	55'-3"
10	3	10	3 @ 12'-8"	N/A	38'-0"	3 @ 16'-6"	N/A	49'-6"	3 @ 24'-6"	3 @ 9'-7"	102'-3"
10	4	10	3 @ 15'-10"	N/A	47'-6"	3 @ 20'-8"	2 @ 9'-7"	81'-2"	3 @ 30'-7"	3 @ 9'-7"	120'-6"
10	5	10	3 @ 19'-0"	N/A	57'-0"	3 @ 24'-9"	3 @ 9'-7"	103'-0"	3 @ 36'-8"	4 @ 9'-7"	148'-4"
10	6	10	3 @ 22'-1"	2 @ 9'-7"	85'-5"	3 @ 28'-11"	3 @ 9'-7"	115'-6"	3 @ 42'-9"	5 @ 9'-7"	176'-2"
10	7	10	3 @ 25'-3"	3 @ 9'-7"	104'-6"	3 @ 33'-0"	4 @ 9'-7"	137'-4"	3 @ 48'-10"	6 @ 9'-7"	204'-0"
10	8	10	3 @ 28'-5"	3 @ 9'-7"	114'-0"	3 @ 37'-2"	4 @ 9'-7"	149'-10"	3 @ 54'-11"	6 @ 9'-7"	222'-3"
10	9	10	3 @ 31'-7"	4 @ 9'-7"	133'-1"	3 @ 41'-3"	5 @ 9'-7"	171'-8"	3 @ 61'-0"	7 @ 9'-7"	250'-1"
10	10	10	3 @ 34'-9"	4 @ 9'-7"	142'-7"	3 @ 45'-5"	5 @ 9'-7"	184'-2"	3 @ 67'-1"	8 @ 9'-7"	277'-11"
11	2	11	4 @ 9'-9"	N/A	39'-0"	4 @ 12'-9"	N/A	51'-0"	4 @ 18'-11"	N/A	75'-8"
11	3	11	4 @ 12'-11"	N/A	51'-8"	4 @ 16'-11"	N/A	67'-8"	4 @ 25'-0"	3 @ 10'-7"	131'-9"
11	4	11	4 @ 16'-1"	N/A	64'-4"	4 @ 21'-0"	2 @ 10'-7"	105'-2"	4 @ 31'-1"	3 @ 10'-7"	156'-1"
11	6	11	4 @ 22'-5"	2 @ 10'-7"	110'-10"	4 @ 29'-3"	3 @ 10'-7"	148'-9"	4 @ 43'-3"	5 @ 10'-7"	225'-11"
11	8	11	4 @ 28'-9"	3 @ 10'-7"	146'-9"	4 @ 37'-6"	4 @ 10'-7"	192'-4"	4 @ 55'-5"	6 @ 10'-7"	285'-2"
11	10	11	4 @ 35'-0"	4 @ 10'-7"	182'-4"	4 @ 45'-9"	5 @ 10'-7"	235'-11"	4 @ 67'-7"	8 @ 10'-7"	355'-0"
11	11	11	4 @ 38'-2"	4 @ 10'-7"	195'-0"	4 @ 49'-10"	6 @ 10'-7"	262'-10"	4 @ 73'-8"	9 @ 10'-7"	389'-11"
12	2	12	4 @ 10'-0"	N/A	40'-0"	4 @ 13'-1"	N/A	52'-4"	4 @ 19'-5"	N/A	77'-8"
12	3	12	4 @ 13'-2"	N/A	52'-8"	4 @ 17'-3"	N/A	69'-0"	4 @ 25'-6"	3 @ 11'-7"	136'-9"
12	4	12	4 @ 16'-4"	N/A	65'-4"	4 @ 21'-4"	2 @ 11'-7"	108'-6"	4 @ 31'-7"	4 @ 11'-7"	172'-8"
12	6	12	4 @ 22'-8"	2 @ 11'-7"	113'-10"	4 @ 29'-7"	3 @ 11'-7"	153'-1"	4 @ 43'-9"	5 @ 11'-7"	232'-11"
12	8	12	4 @ 29'-0"	3 @ 11'-7"	150'-9"	4 @ 37'-10"	4 @ 11'-7"	197'-8"	4 @ 55'-11"	7 @ 11'-7"	304'-9"
12	10	12	4 @ 35'-4"	4 @ 11'-7"	187'-8"	4 @ 46'-1"	5 @ 11'-7"	242'-3"	4 @ 68'-1"	8 @ 11'-7"	365'-0"
12	12	12	4 @ 41'-8"	5 @ 11'-7"	224'-7"	4 @ 54'-4"	6 @ 11'-7"	286'-10"	4 @ 80'-3"	10 @ 11'-7"	436'-10"

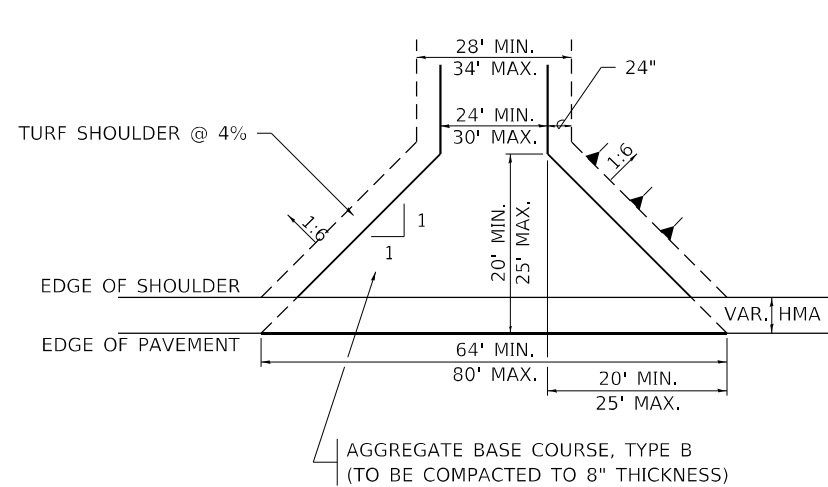
TPGBC-ZS

2-17-2017

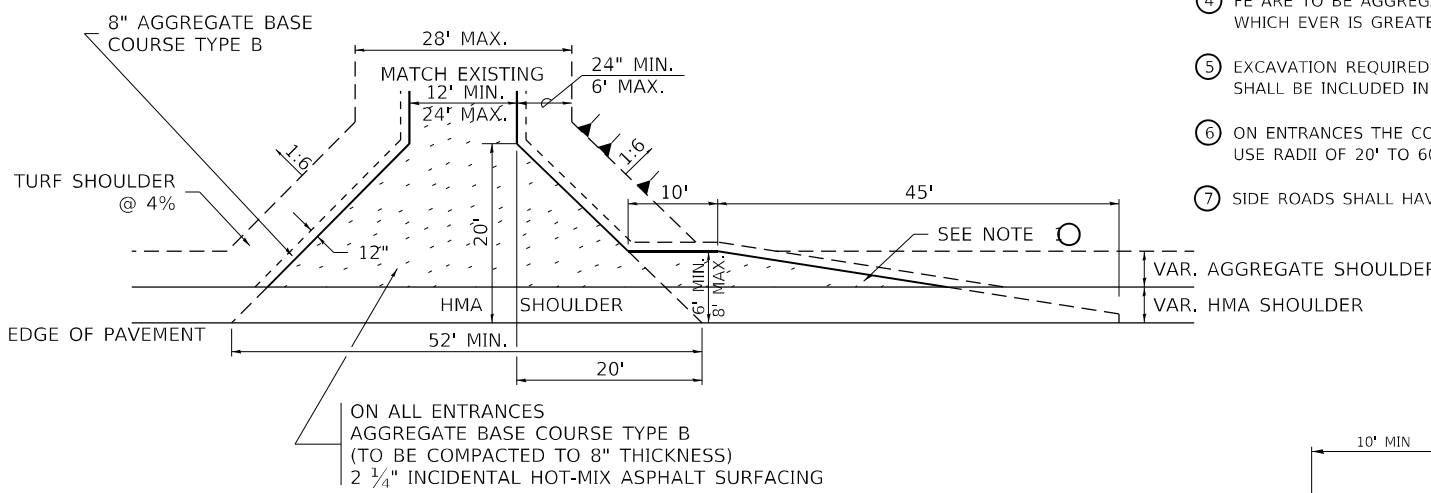
(Sheet 2 of 2)

USER NAME = Brad.Cushman	DESIGNED -	REVISED - 1-10-18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE. = 642	SECTION (110)C&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 130	
FILE NAME: p:\dot\pw.bentley.com\PWIDOTD\Documents\DOT Offices\District 2\Projects\64G66\Program Drawings\Studies & Plans\Design\CADD\CADsheets\64G66-shi-district 2-09-14.sgn	DRAWN -	REVISED -		SCALE:	SHEET 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 64G66				
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							

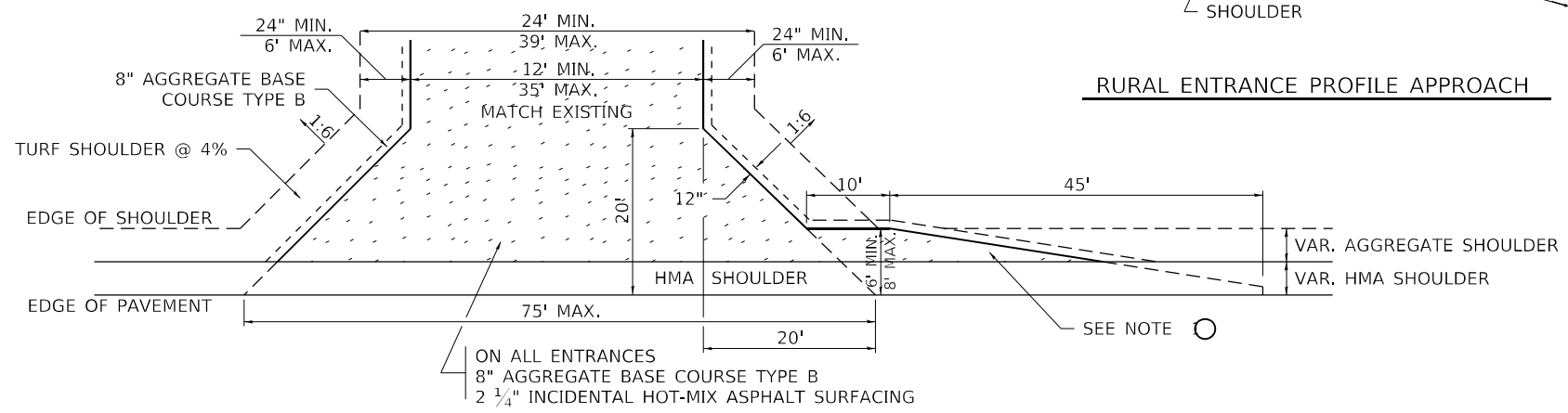
HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS



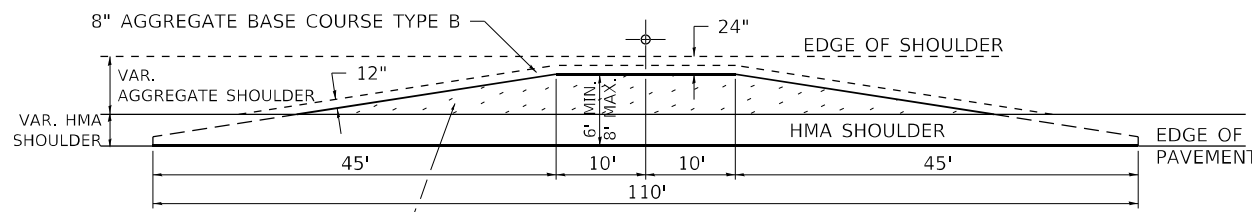
FIELD ENTRANCE



PRIVATE ENTRANCE



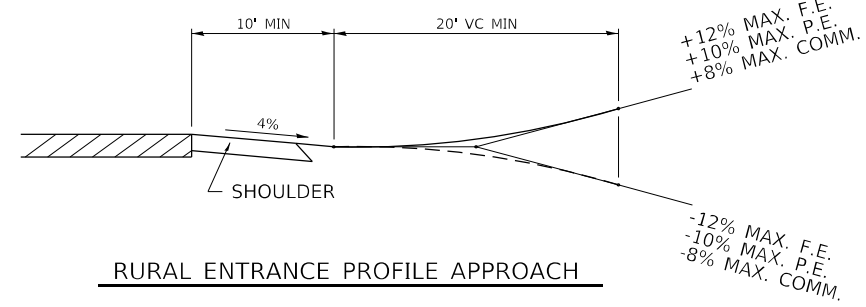
COMMERCIAL ENTRANCE



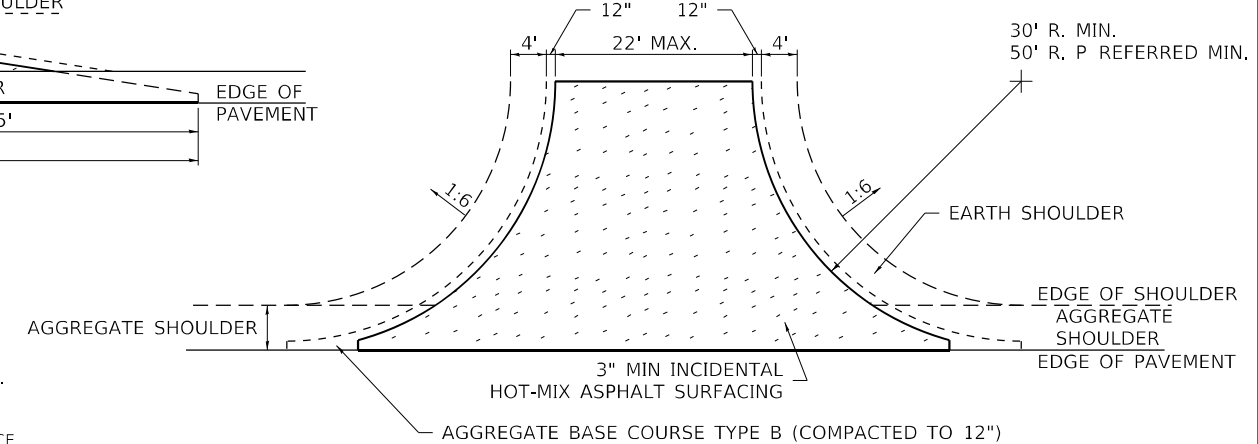
MAILBOX TURNOUT

NOTE

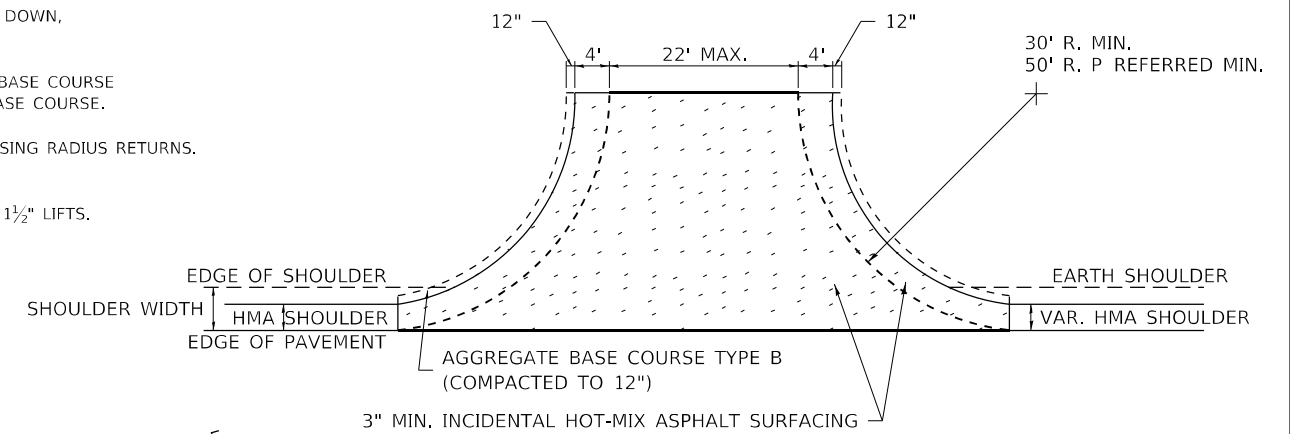
- ① TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
- ② ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
- ③ ALL PE & CE TO BE CONSTRUCTED WITH AN 8" AGGREGATE BASE COURSE, TYPE B AND WITH A 2 1/4" INCIDENTAL HOT-MIX ASPHALT SURFACING, UNLESS OTHERWISE NOTED.
- ④ FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
- ⑤ EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE.
- ⑥ ON ENTRANCES THE CONTRACTOR HAS THE OPTION OF USING RADIUS RETURNS. USE RADII OF 20' TO 60'.
- ⑦ SIDE ROADS SHALL HAVE 3" INCIDENTAL PLACED IN TWO 1 1/2" LIFTS.



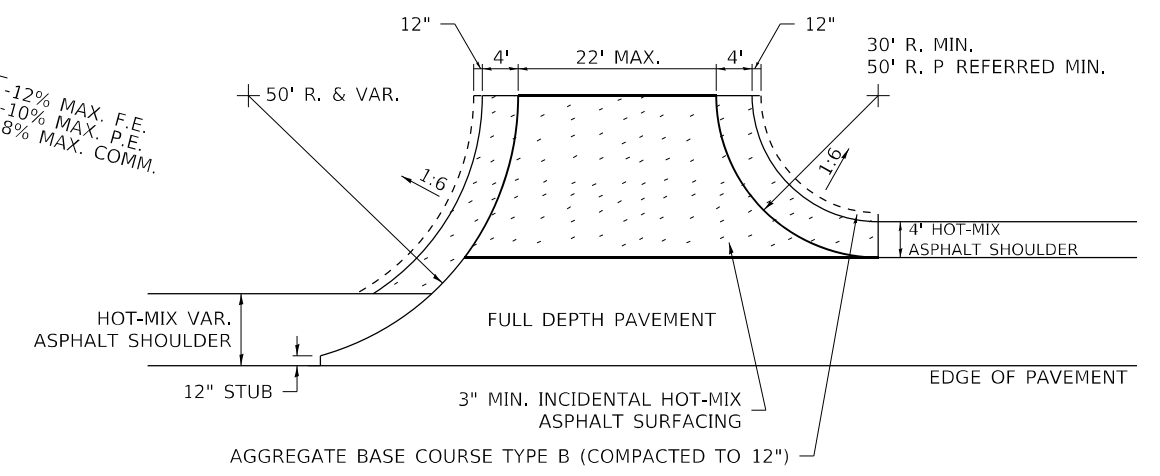
RURAL ENTRANCE PROFILE APPROACH



SIDE ROAD RETURN/EARTH SHOULDER



SIDE ROAD RETURN/HMA SHOULDER



SIDE ROAD RETURN WITH RIGHT TURN LANE

USER NAME = Brad.Cushman	DESIGNED -	REVISED - 8-03-17
FILE NAME: p:\dot\pw\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Program Drawings\Studies & Plans\Design\CADD\CADsheets\64G66-shi-district1-12-13.dgn	DRAWN BY -	REVISED - 6-27-14
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 8-27-13
PLOT DATE = Aug-26-2022 11:40:50 AM	DATE -	

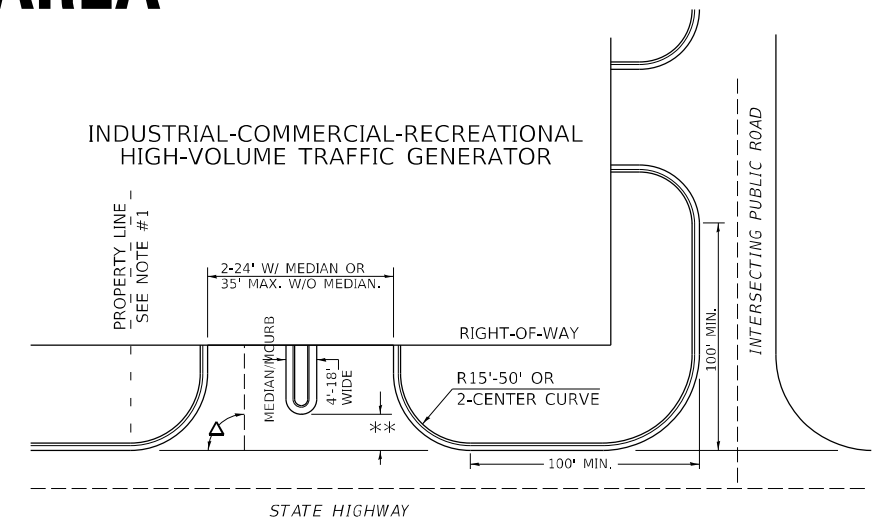
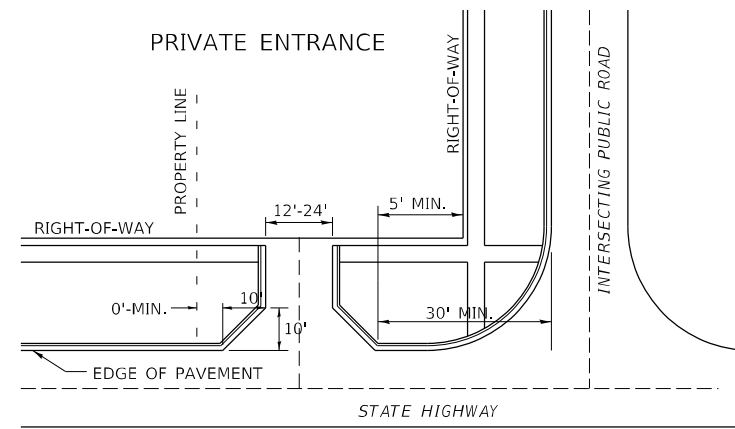
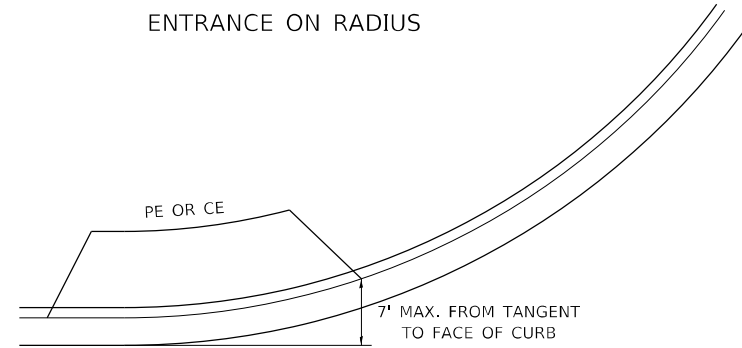
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 642	SECTION (110)C&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 131
CONTRACT NO. 64G66				
ILLINOIS FED. AID PROJECT				

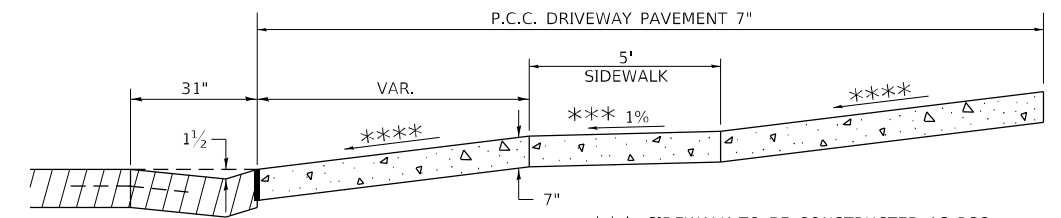
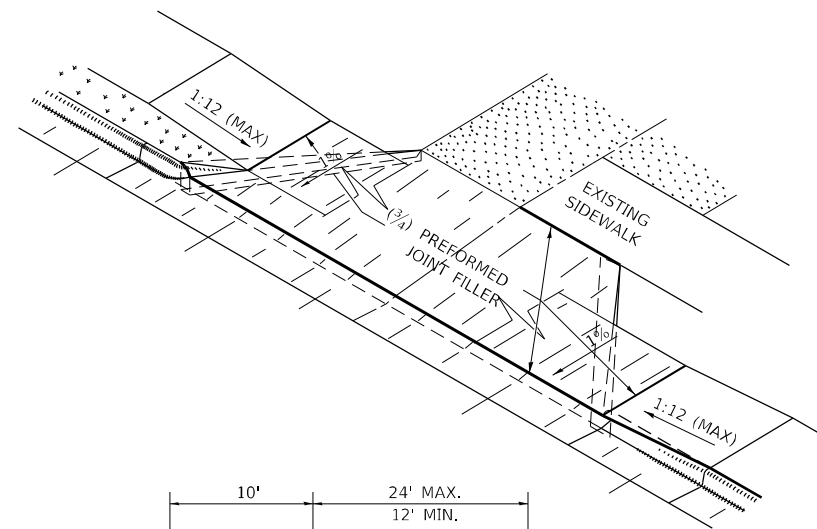
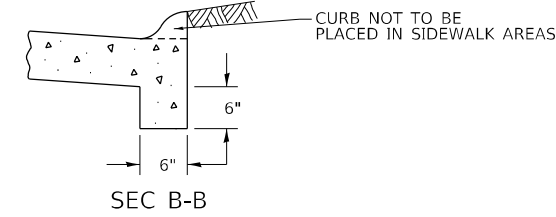
ENTRANCE APPROACHES – URBAN AREA



A MINIMUM OF 440 FEET SHALL BE MAINTAINED BETWEEN CENTER LINES OF ADJACENT DRIVEWAYS.
 Δ90° DESIRABLE, 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.
 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.

NOTE: #1 ENCROACHMENT ON THE ADJACENT PROPERTY OWNER LAND REQUIRES HIS OR HER WRITTEN APPROVAL.

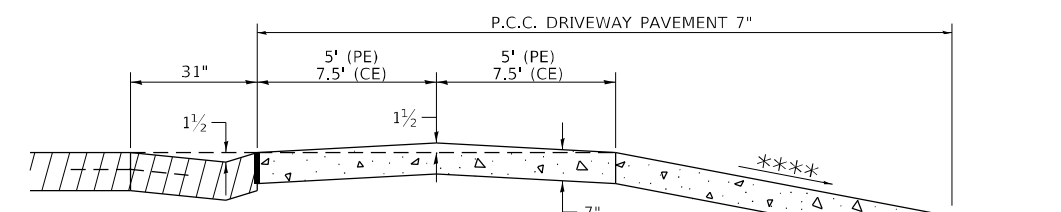
** 4'-10" IF HIGHWAY CURBED.
 AT EDGE OF SHOULDER IF HIGHWAY UNCURBED.



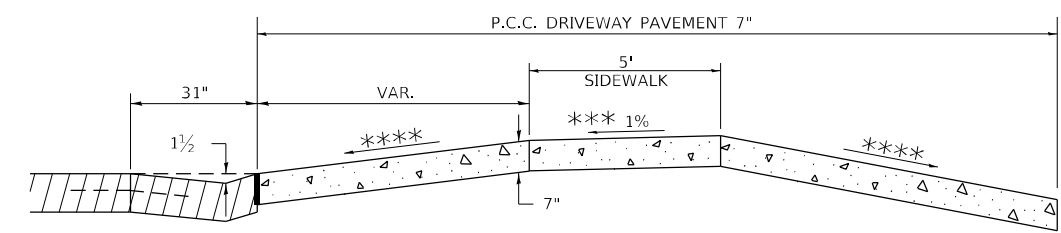
ASCENDING APPROACH

*** SIDEWALK TO BE CONSTRUCTED AS PCC DRIVEWAY PAVEMENT 7" THROUGH THE WIDTH OF THE DRIVEWAY. SEE DIST. STD. 35.4

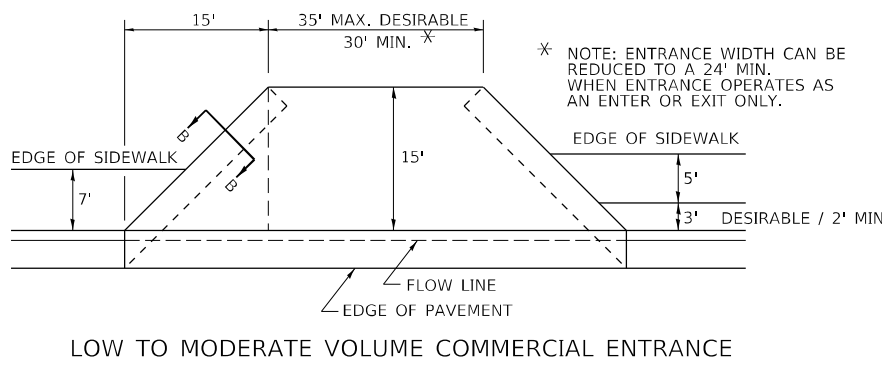
*** 4.0% DESIRABLE
 6.0% MAX. COMMERCIAL
 8.0% MAX. NON-COMMERCIAL



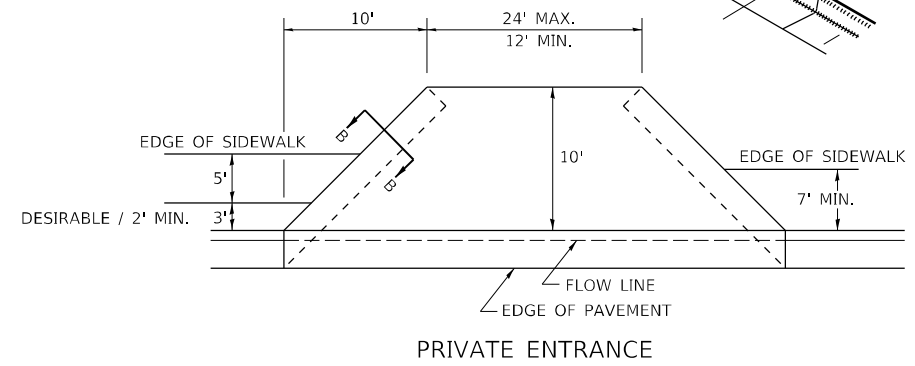
DESCENDING APPROACH
(NO SIDEWALK)



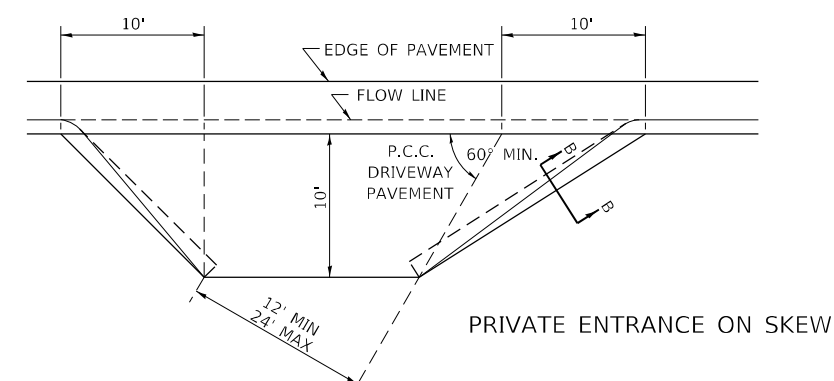
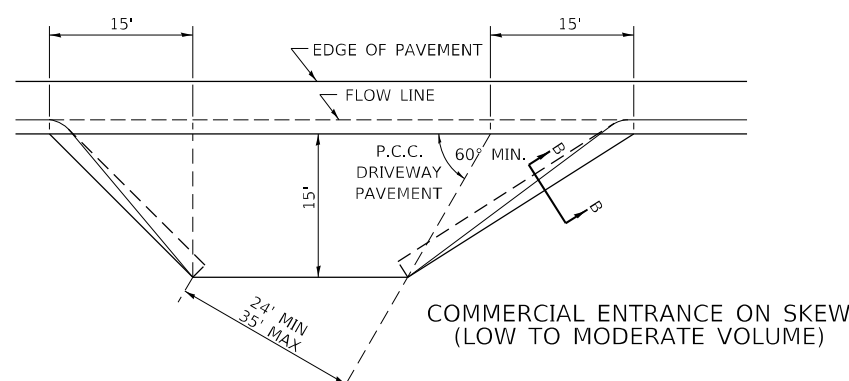
DESCENDING APPROACH
(WITH SIDEWALK)



* NOTE: ENTRANCE WIDTH CAN BE REDUCED TO A 24' MIN. WHEN ENTRANCE OPERATES AS AN ENTER OR EXIT ONLY.



NOTE: CURVED ENTRANCE RETURNS MAY BE USED FOR LOW TO MODERATE VOLUME LOCATIONS WITH REVIEW ON A CASE-BY-CASE BASIS.



USER NAME = Brao,Cushman	DESIGNED -	REVISED - 7-19-18
FILE NAME: p:\dot-pw.bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Program\Drawings\Studies & Plans\Design\CADD\CADsheets\64G66-shi-district1-02-18.dgn	DRAWN -	REVISED - 6-27-14
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 12-07-10
PLOT DATE = Aug-26-2022 11:41:09 AM	DATE -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. RTE. = 642	SECTION = (110)C&RS-3	COUNTY = WHITESIDE	TOTAL SHEETS = 234	SHEET NO. = 132
CONTRACT NO. 64G66				
ILLINOIS FED. AID PROJECT				

CONCRETE COLLARS FOR PIPE OR BOX CULVERT EXTENSIONS

Bill of Materials

h bar	U bar dimensions			U ₁ bar dimensions			REINF. BARS	EXPANSION BOLTS 3/4"	CONCRETE COLLAR		
Quantity	X	Y	Length	Quantity	X	Z	Length	Quantity	LBS	EACH	Cu. Yds.
4	62	43	105	2	62	43	105	1	210.4	3	0.62
All h bars 18 Long								Total			

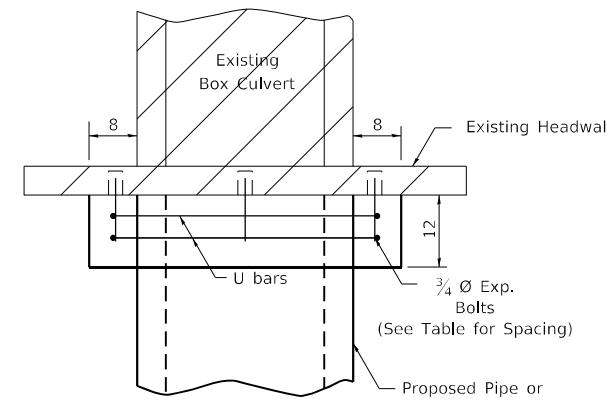
General Notes

Concrete Collars shall be constructed of Class SI Concrete in accordance with Section 503 of the Standard Specifications

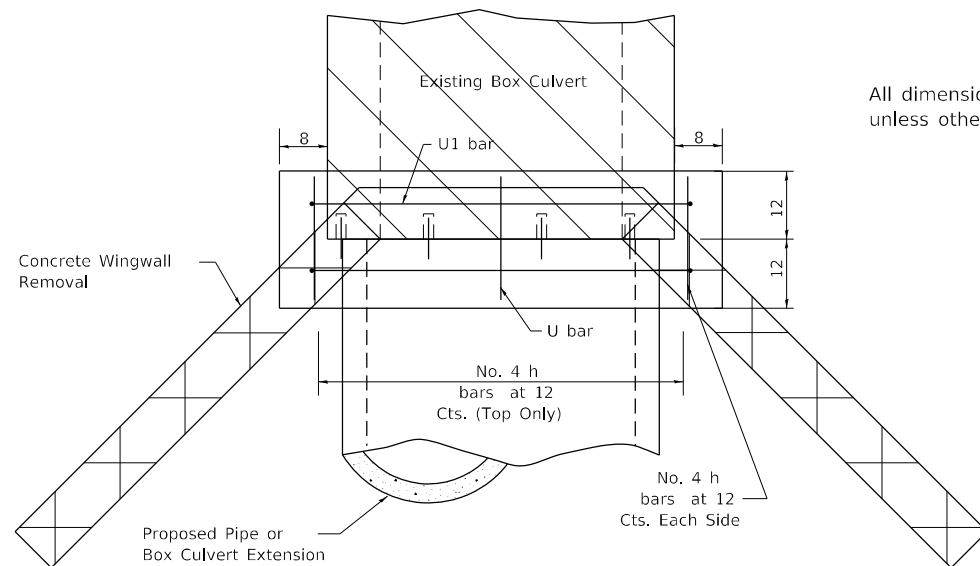
Reinforcement bars shall conform to Section 508 of the Standard Specifications.

Expansion bolts shall be 3/4" Ø hooked bolts and shall conform to Section 540 of the Standard Specifications.

The concrete will be paid for at the contract unit price per cubic yard for CONCRETE COLLAR. Reinforcement will be paid for at the contract unit price per pound for REINFORCEMENT BARS. Expansion Bolts, when required, will be paid for at the contract unit price each for EXPANSION BOLTS 3/4" inch, which price shall include furnishing, drilling holes, and installing the expansion bolts complete in place. These bolts shall extend at least 9 inches into the new concrete.

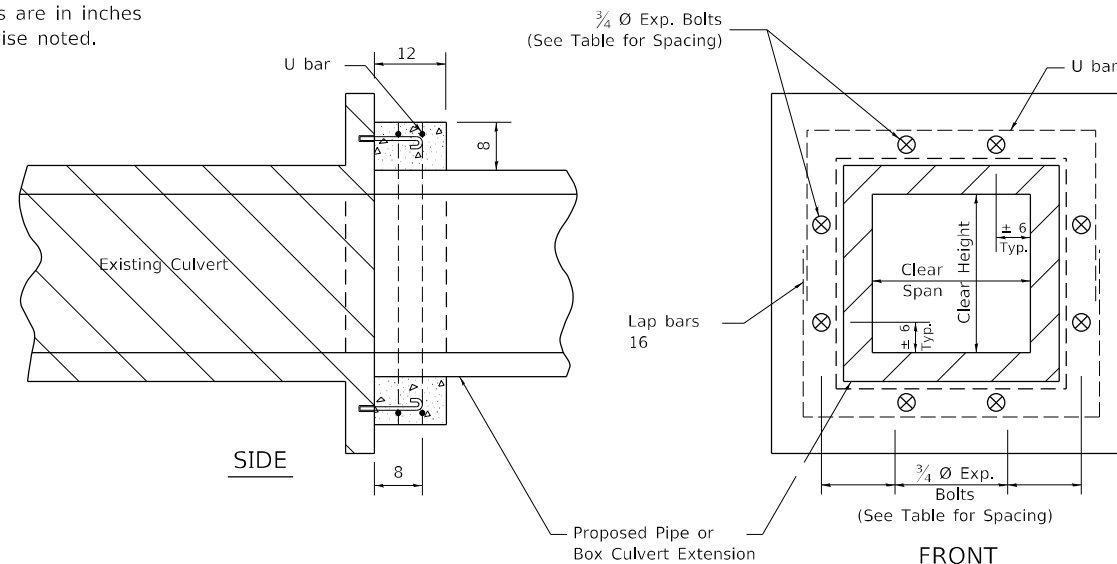


PLAN OF CULVERT WITH STRAIGHT HEADWALL



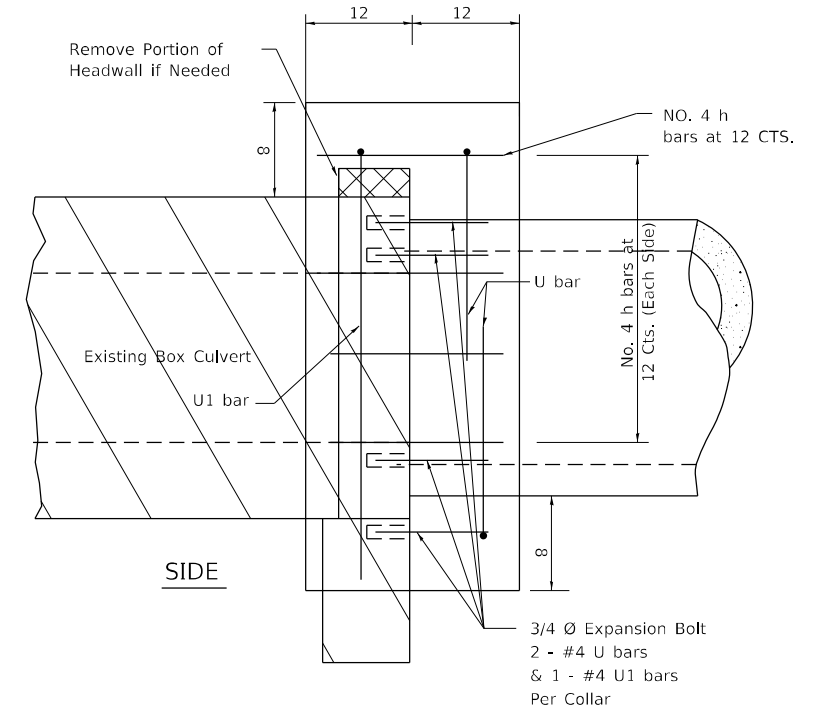
PLAN OF CULVERT WITH ANGLED WING WALLS

All dimensions are in inches unless otherwise noted.



SIDE

FRONT



SIDE

PLACEMENT DETAILS FOR EXPANSION BOLTS

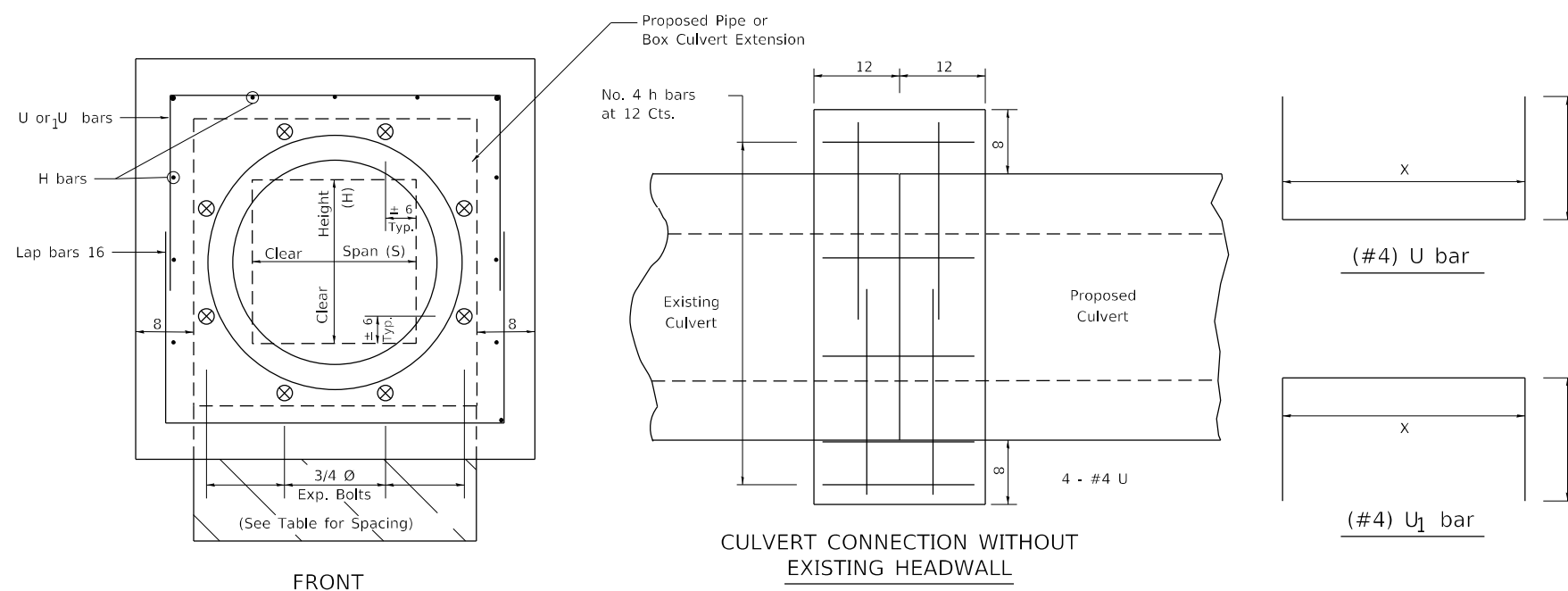
H or S	NUMBER OF EXPANSION BOLTS REQUIRED PER SIDE			
	EXTENSIONS ≤ 15'		EXTENSIONS > 15'	
	NUMBER*	SPACING	NUMBER*	SPACING
24	**	**	**	**
30	2	18	2	18
36	2	24	2	24
48	3	18	3	18
60	4	16	3	24
72	5	15	4	20
84	5	18	4	24
96	6	17	5	21
108	6	19	5	24
120	7	18	6	21
132	8	17	6	24
144	8	19	7	22

* Expansion bolts based on non-skewed culverts
 ** Minimum one expansion bolt at each corner

Example:
 6' x 4' box culvert to be extended 18' at one end only.

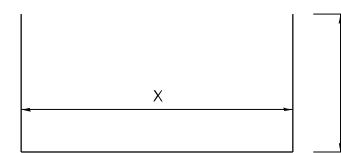
From table find
 6' side requires 4 - 3/4" Ø expansion bolts at 20" cts.
 4' side requires 3 - 3/4" Ø expansion bolts at 18" cts.

Total Number required
 (4+3)2 = 14 - 3/4" Ø expansion bolts.

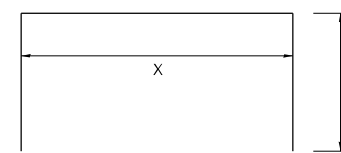


FRONT

CULVERT CONNECTION WITHOUT EXISTING HEADWALL



(#4) U bar



(#4) U₁ bar

USER NAME = Brao,Cushman	DESIGNED -	REVISED - 1-18-17
FILE NAME: pww\dot-pw.bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Program\Drawings\Studies & Plans\Design\CADD\CADsheets\64G66-shi-district106-106.dgn	DRAWN -	REVISED - 6-27-14
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PLOT DATE = Aug-26-2022 11:41:24 AM	DATE -	

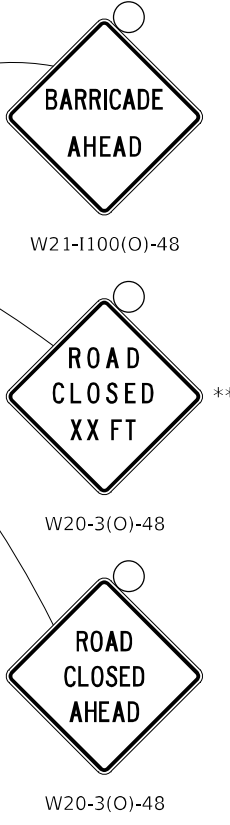
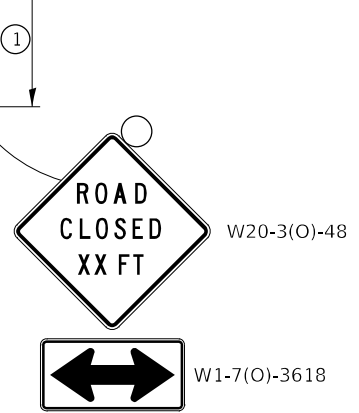
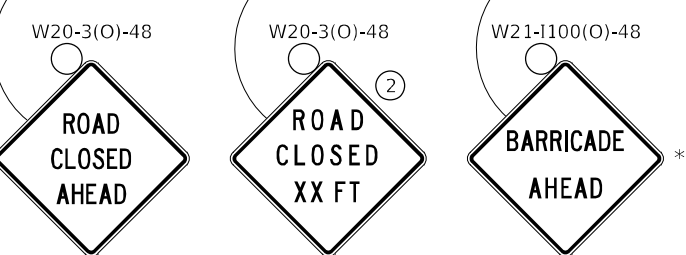
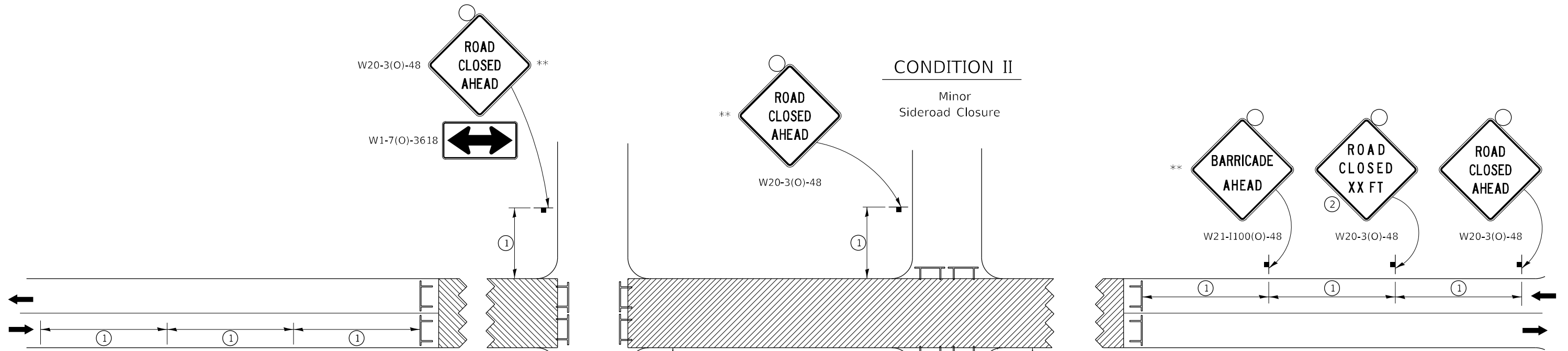
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	(110)C&RS-3	WHITESIDE	234	133
CONTRACT NO. 64G66			ILLINOIS FED. AID PROJECT	

TRAFFIC CONTROL FOR ROAD CLOSURE



- SYMBOLS**
- Work area
 - Type III Barricade with Flashers
 - Sign with flashing light

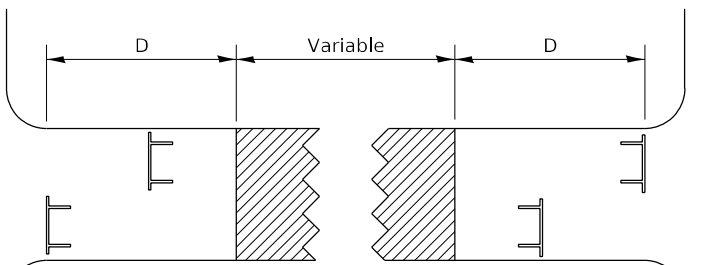
① **SIGN SPACING TABLE**

Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

② **SIGN LEGEND**

Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

CONDITION I Major Sideroad Closure

CONDITION II Minor Sideroad Closure

GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in "Road Closed To Thru Traffic". Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

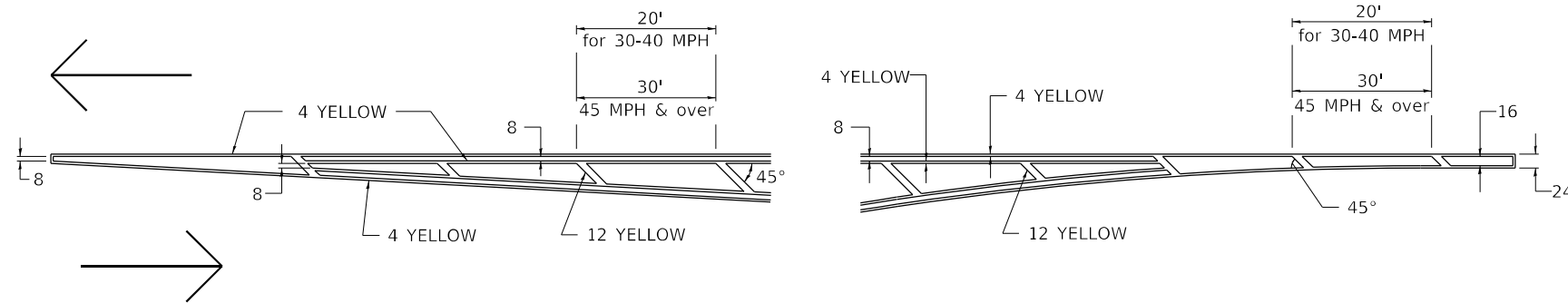
All dimensions are in inches unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

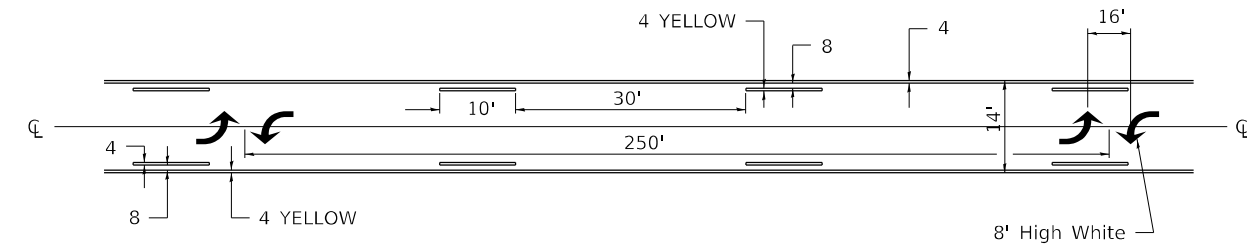
FILE NAME: p:\dot-pw\Bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Program\Drawings\Studies & Plans\Design\CADD\CAD\sheet\64G66-shi-district1-06-16.dgn	USER NAME = Brad.Cushman DESIGNED - DRAWN - PLOT SCALE = 100,0000 ' / in. PLOT DATE = Aug-26-2022 11:41:46 AM	REVISIONS: <table border="1"> <tr><td>1</td><td>8-03-17</td></tr> <tr><td>2</td><td>8-27-13</td></tr> <tr><td>3</td><td>10-17-11</td></tr> </table>	1	8-03-17	2	8-27-13	3	10-17-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	SCALE: SHEET OF SHEETS STA. TO STA.	F.A.P. RTE. 642 SECTION (110)C&RS-3 COUNTY WHITESIDE CONTRACT NO. 64G66	TOTAL SHEETS 234 SHEET NO. 134
	1	8-03-17											
	2	8-27-13											
3	10-17-11												
ILLINOIS FED. AID PROJECT													
TRAFFIC CONTROL FOR ROAD CLOSURE 40.1													

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

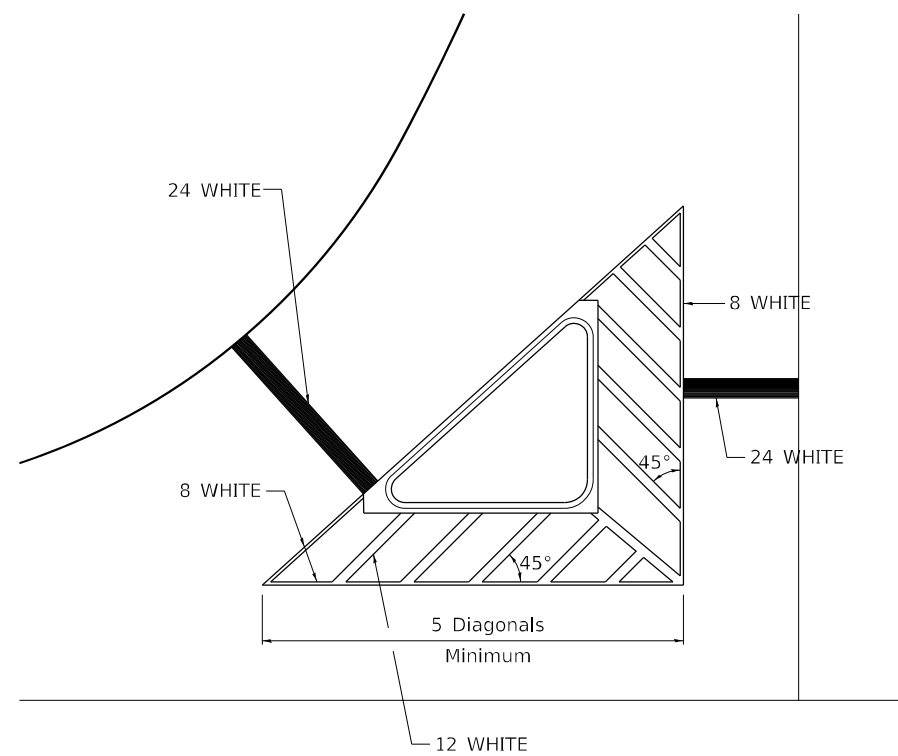


MEDIAN PAVEMENT MARKING



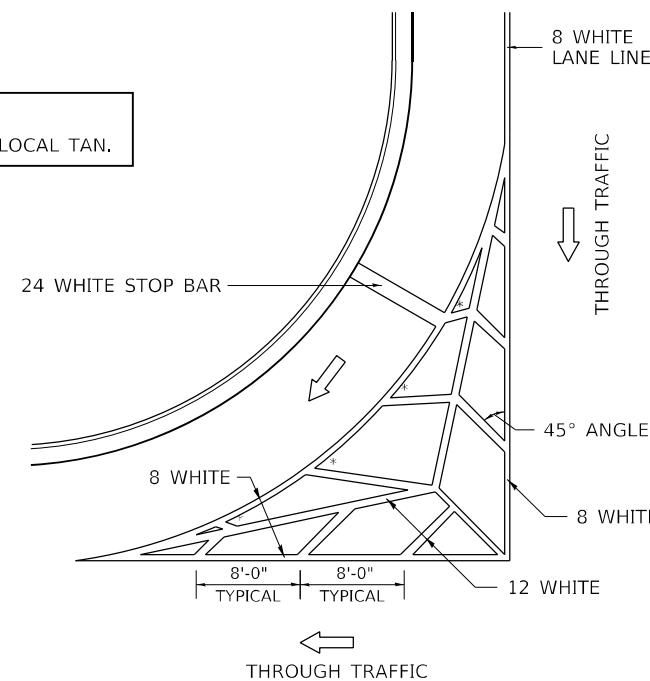
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



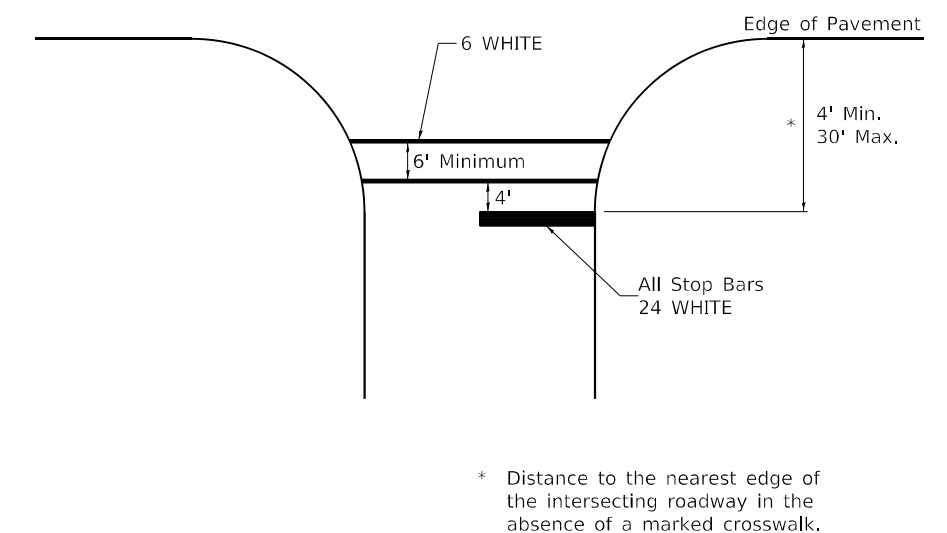
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations

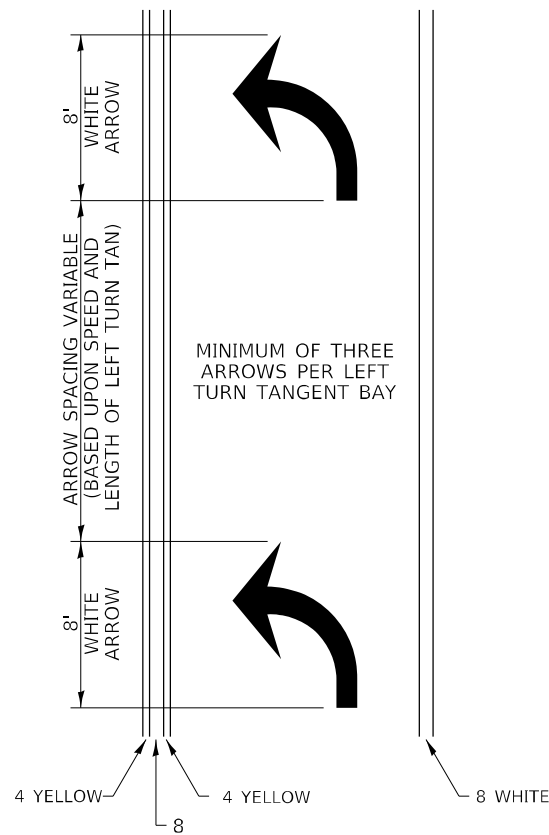


* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME: p:\dot-pw\Bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Program\Drawings\Studies & Plans\Design\CADD\CADsheets\64G66-shi-district 2-06-12.dgn	USER NAME = Brad.Cushman	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE. 642	SECTION (110)C&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 135
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 1	OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = Aug-26-2022 11:42:05 AM	DATE -	REVISED -		CONTRACT NO. 64G66							
TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1												

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

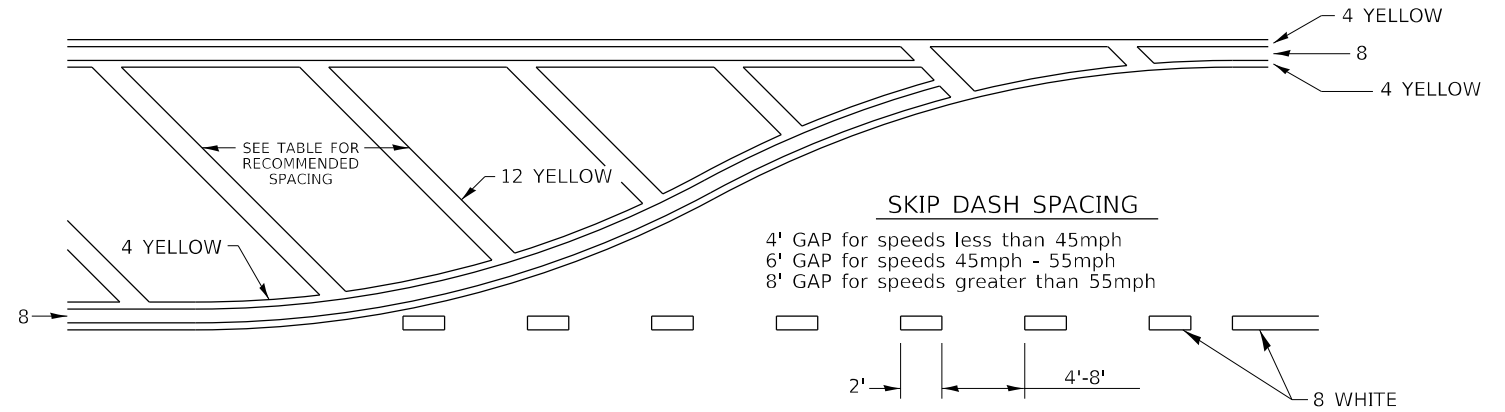


- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

6 at 40' O.C. APPROACH SIDE ONLY

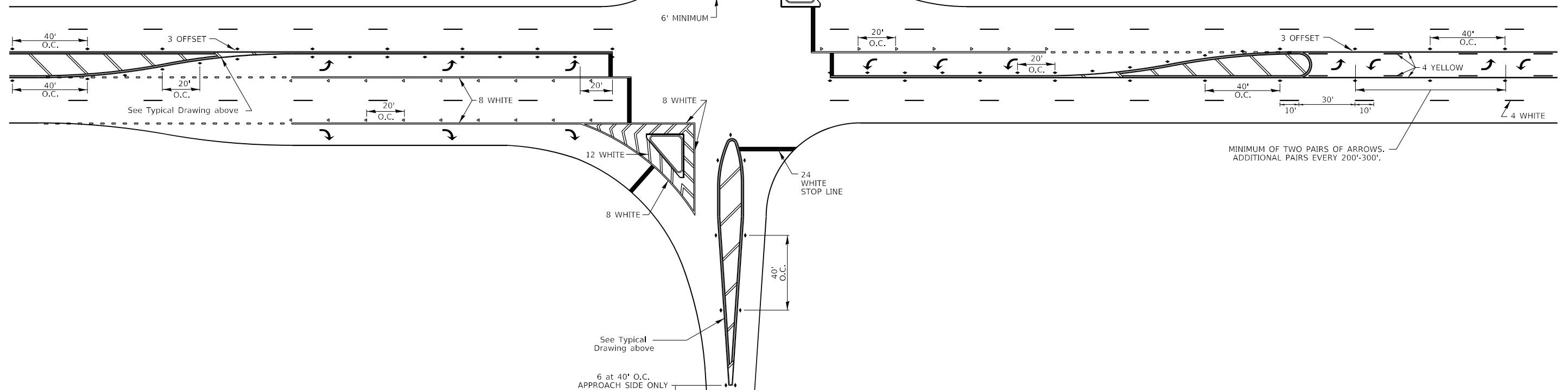
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



USER NAME = Brad.Cushman	DESIGNED -	REVISED - 6-27-14
FILE NAME: p:\dot\pw\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Program Design\Studies & Plans\Design\CADD\CAD\Sheet\64G66-shi-district 2-06-12.dgn	DRAWN -	REVISED -
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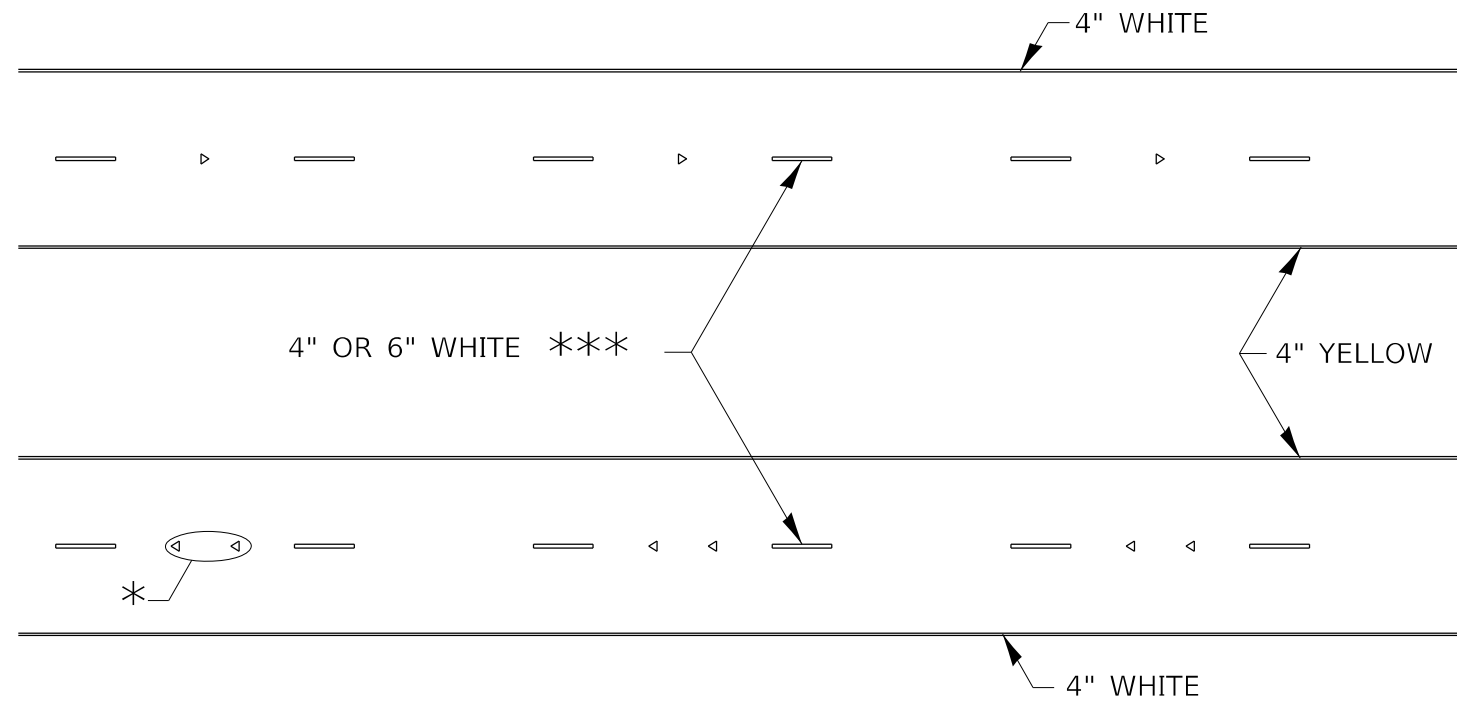
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

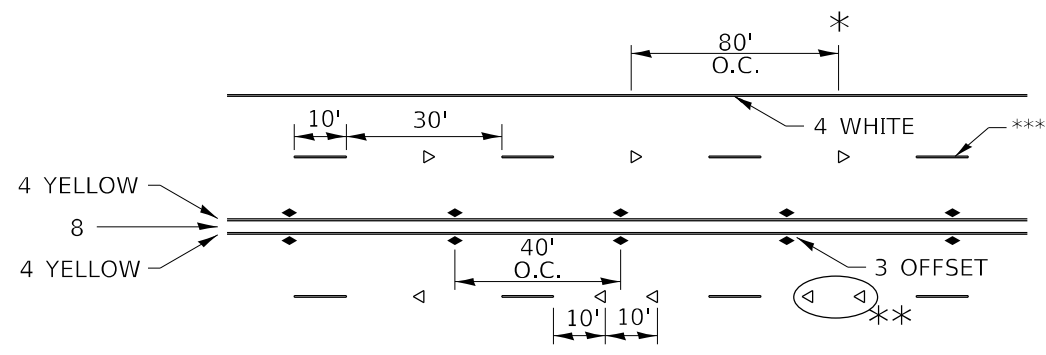
F.A.P. RTE. 642	SECTION (110)C&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 136
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64G66	

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT ≥ 20,000.

MULTI-LANE / DIVIDED



* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

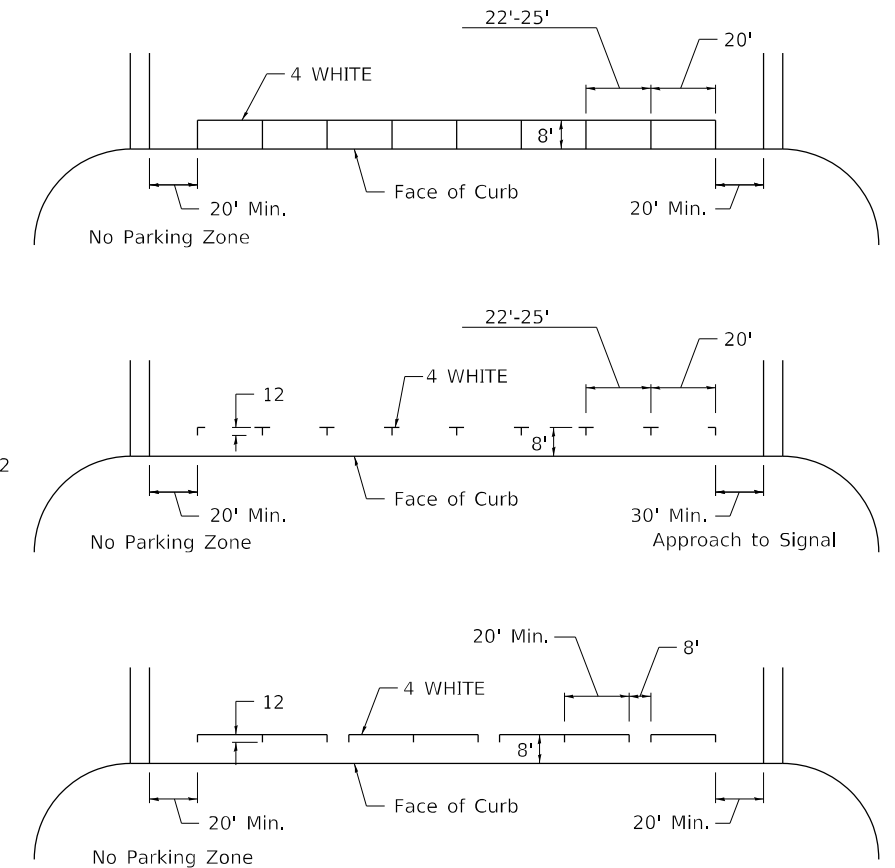
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

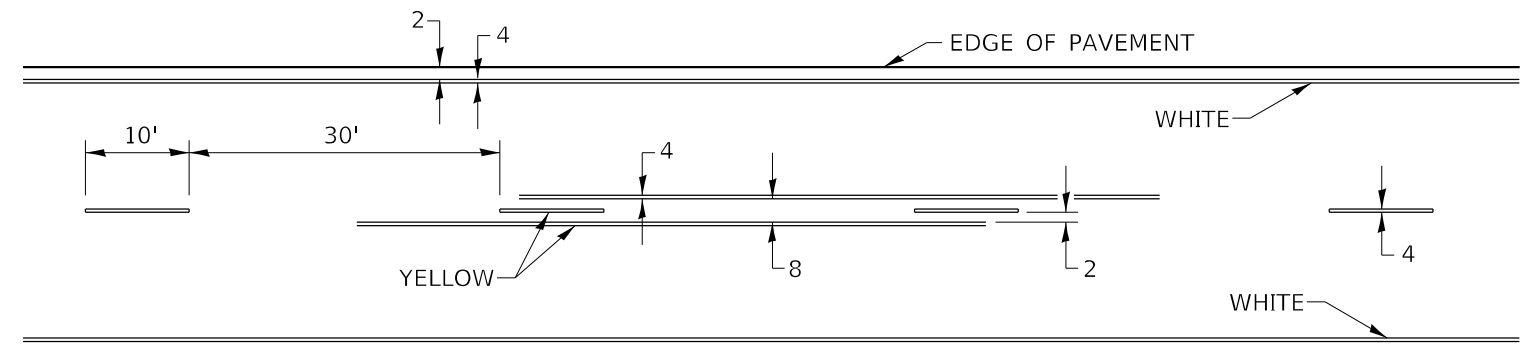
MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



SYMBOLS

USER NAME = Brad.Cushman	DESIGNED -	REVISED - 6-27-14
FILE NAME: p:\w\dot-pw\entley.com\PWIDOT\Documents\UDOT Offices\District 2\Projects\64G66\Program Design\Studies & Plans\Design\CADD\CAD sheets\64G66-shi-district 2.dgn	DRAWN -	REVISIONS -
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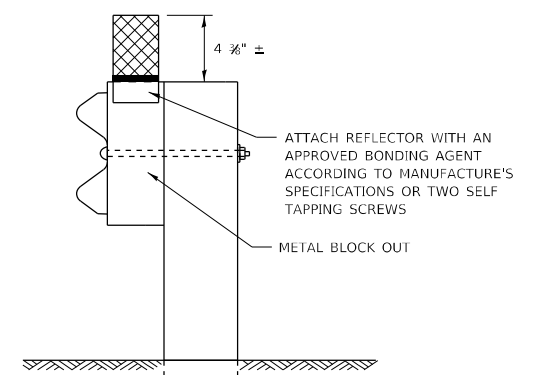
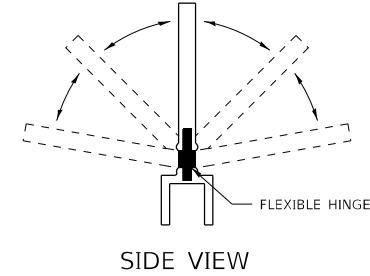
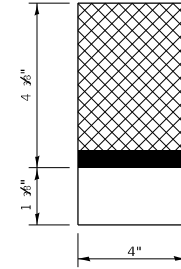
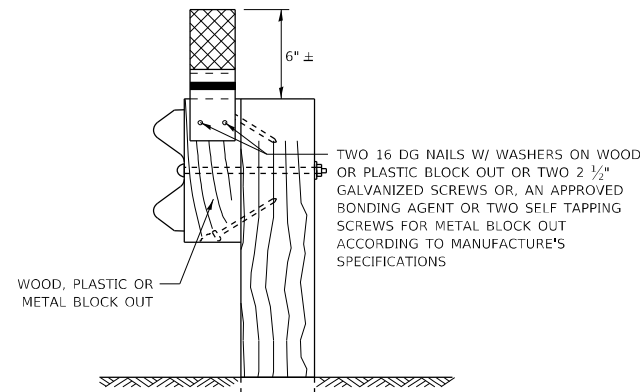
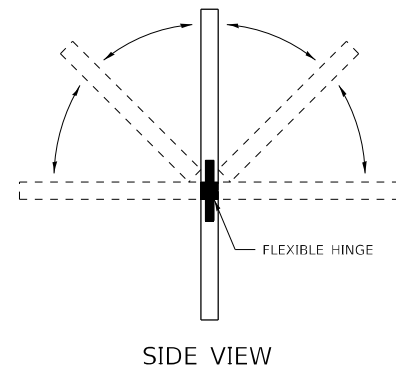
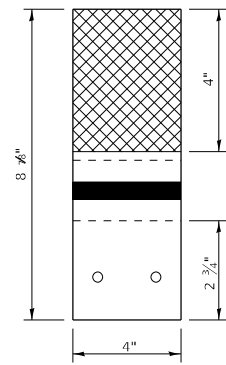
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. RTE. 642	SECTION (110)C&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 137
CONTRACT NO. 64G66				
ILLINOIS FED. AID PROJECT				

GUARDRAIL REFLECTORS, TYPE C (SPECIAL)



REFLECTORS SHALL BE MOUNTED DIRECTLY TO WOOD OR PLASTIC BLOCK OUTS.

REFLECTORS MOUNTED ON WOODEN OR PLASTIC BLOCK OUT SHALL BE MOUNTED USING TWO 16 DG NAILS AND TWO 3/16" WASHERS OR TWO 1/2" GALVANIZED SCREWS WITH WASHERS.

MOUNTED ON A WOOD OR PASTIC GUARDRAIL BLOCK OUT

REFLECTORS SHALL BE MOUNTED DIRECTLY TO METAL BLOCK OUT.

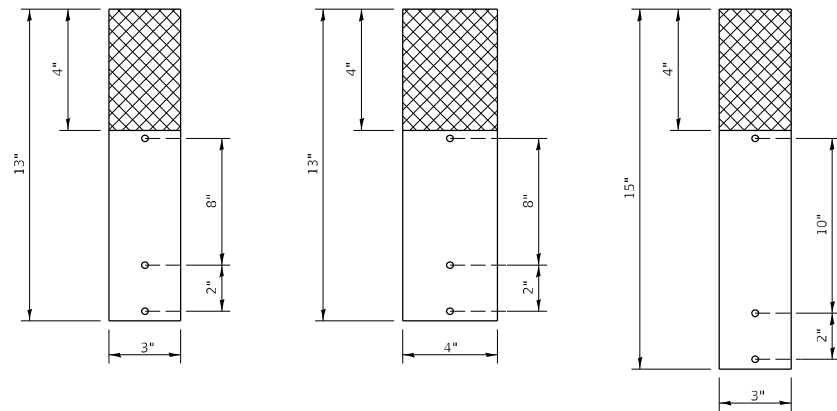
REFLECTORS MOUNTED ON METAL BLOCK OUT SHALL BE MOUNTED USING AN APPROVED BONDING AGENT PER THE MANUFACTURE'S SPECIFICATIONS OR TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

MOUNTED ON A METAL GUARDRAIL BLOCK OUT

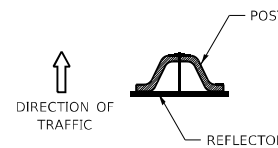
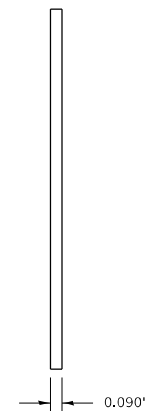
REFLECTORS MOUNTED ON WOOD OR PLASTIC GUARDRAIL BLOCK OUT

REFLECTORS MOUNTED ON METAL GUARDRAIL BLOCK OUT

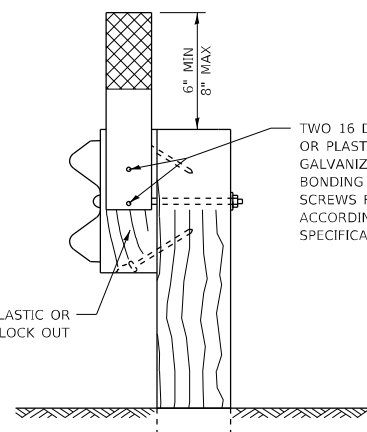
STRAIGHT GUARDRAIL / DELINEATOR REFLECTOR



SIDE VIEW



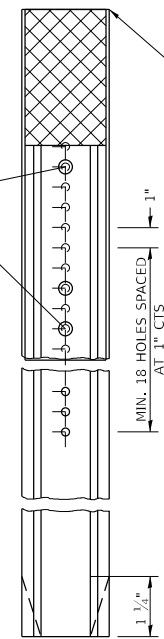
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE REFLECTOR ATTACHECD AS SHOWN ABOVE.



MOUNTED ON A WOOD OR PASTIC GUARDRAIL BLOCK OUT

ADDITIONAL SHEETING MAY BE ADDED AS NEEDED FOR TURN AROUNDS AS SHOWN IN THE PLANS

10/24 X 1 1/2" BOLTS WITH WASHERS AND NUT (ADDITIONAL HOLES MAY BE DRILLED AS NEEDED)



TOP OF REFLECTOR PLACED FLUSH WITH TOP OF POST UNLESS DOUBLE SIDED REFLECTOR IS CALLED FOR, THEN REFLECTOR SHALL BE PLACED SUCH THAT THE REFLECTOR IS ABOVE THE TOP OF THE POST AND VISIBLE.

NOTE:

REFLECTORS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR GUARDRAIL REFLECTORS, TYPE C (SPECIAL), WHICH PRICE SHALL ALSO INCLUDE SCREWS/NAILS, WASHERS OR BONDING AGENT.

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS SHALL BE SINGLE SIDED CRYSTAL.

SHEETING COLOR SHALL BE CALLED OUT IN THE PLANS.

SPACING FOR REFLECTORS SHALL BE ACCORDING TO STANDARD 782006 UNLESS OTHERWISE NOTED IN THE PLANS.

REFLECTORS MOUNTED ON GUARDRAIL SHALL BE 4" WIDE.

REFLECTORS MOUNTED ON DELINEATOR POST SHALL BE 3" WIDE.

USER NAME = Brad.Cushman	DESIGNED -	REVISED - 6-21-21
FILE NAME: p:\w\dot-pw\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64G66\Program Design\Studies & Plans\Design\CADD\CAD sheets\64G66-shi-district standards.dgn	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

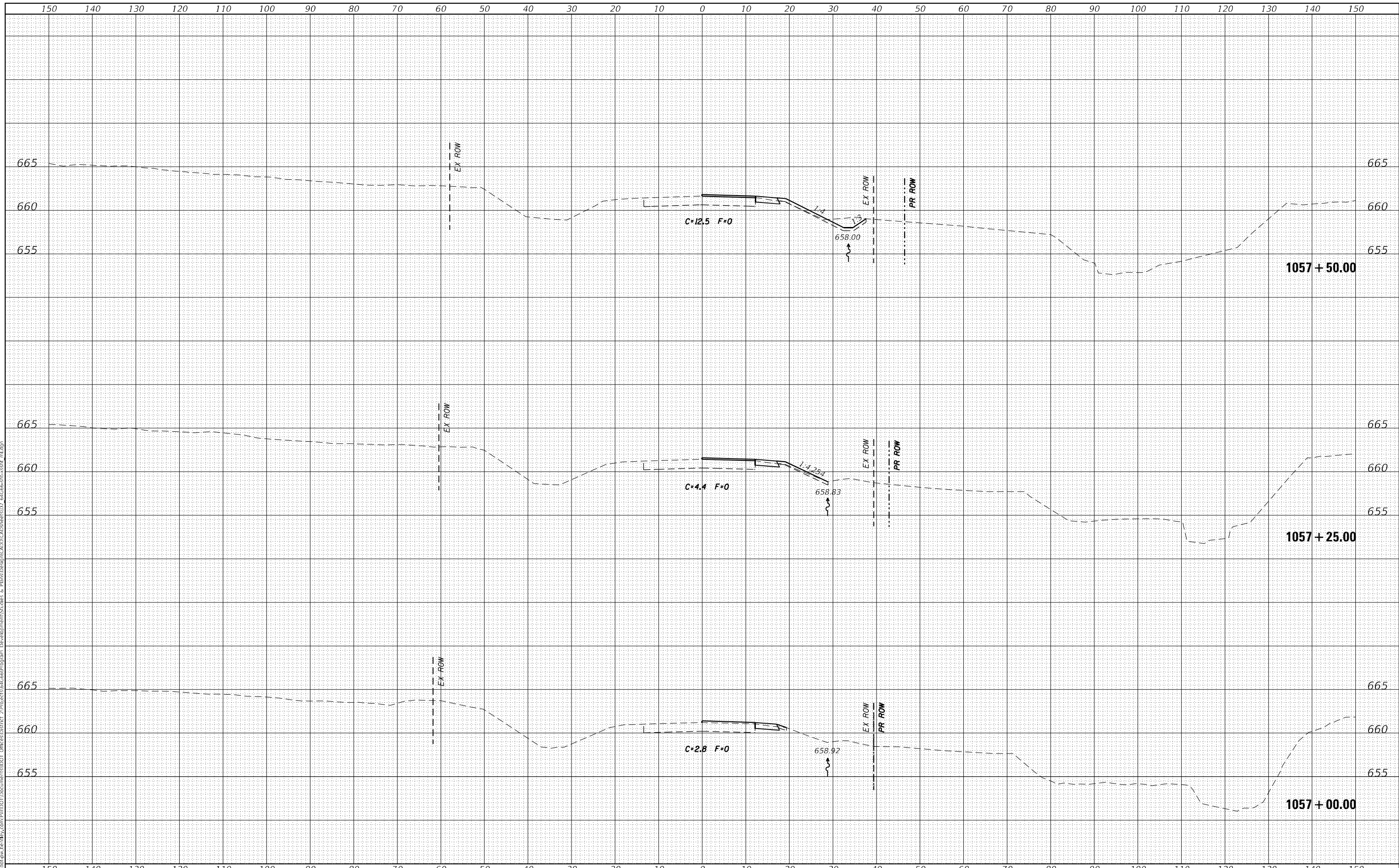
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	(110)C&RS-3	WHITESIDE	234	138
			CONTRACT NO. 64G66	
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 = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

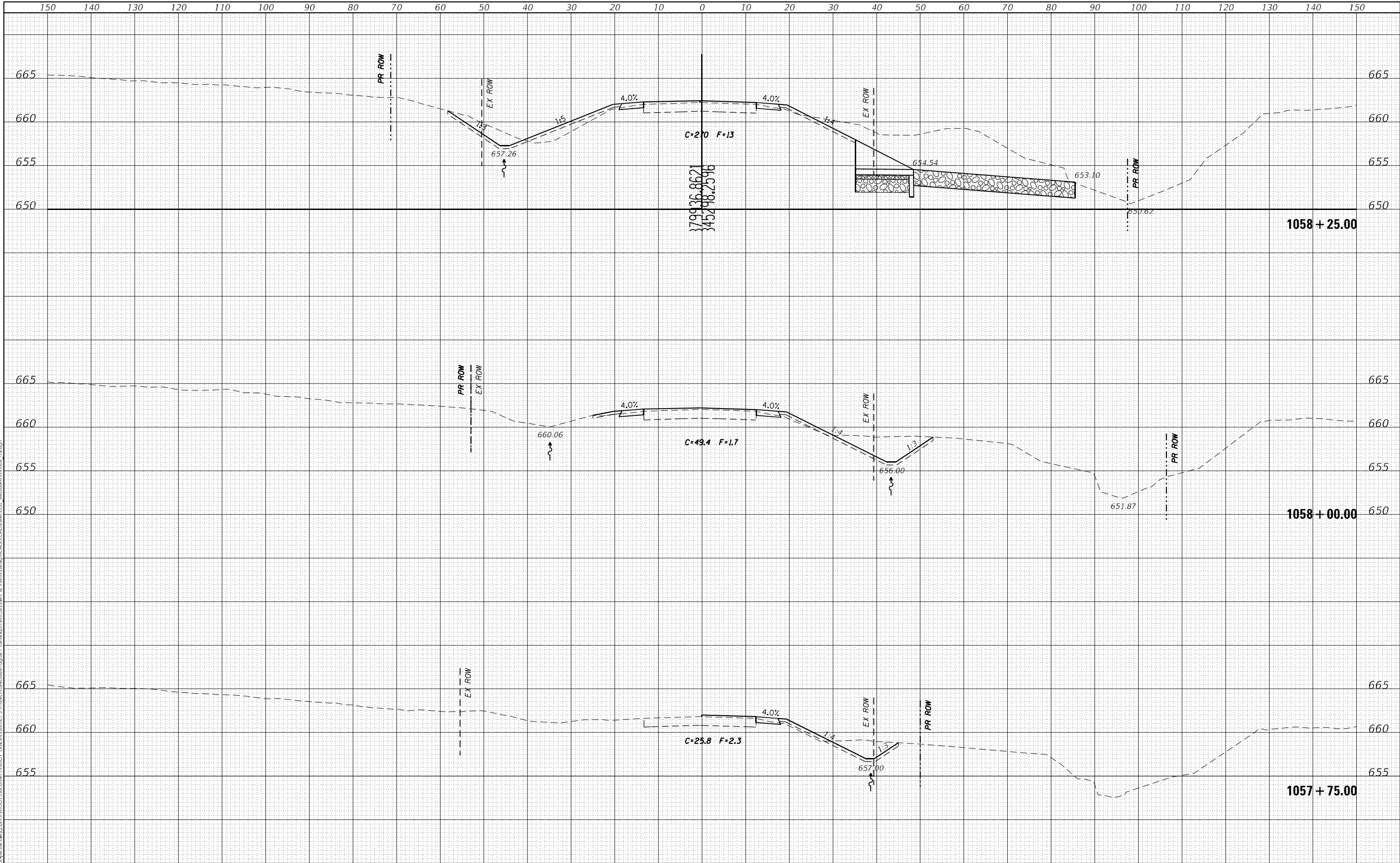
IL 78 CROSS SECTIONS	
SCALE:	SHEET OF SHEETS
STA. 1057+00.00 TO STA. 1057+50.00	

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 139
CONTRACT NO. 64G66				
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
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PLOTTED	
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NOTE BOOK	
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AREAS CHECKED	

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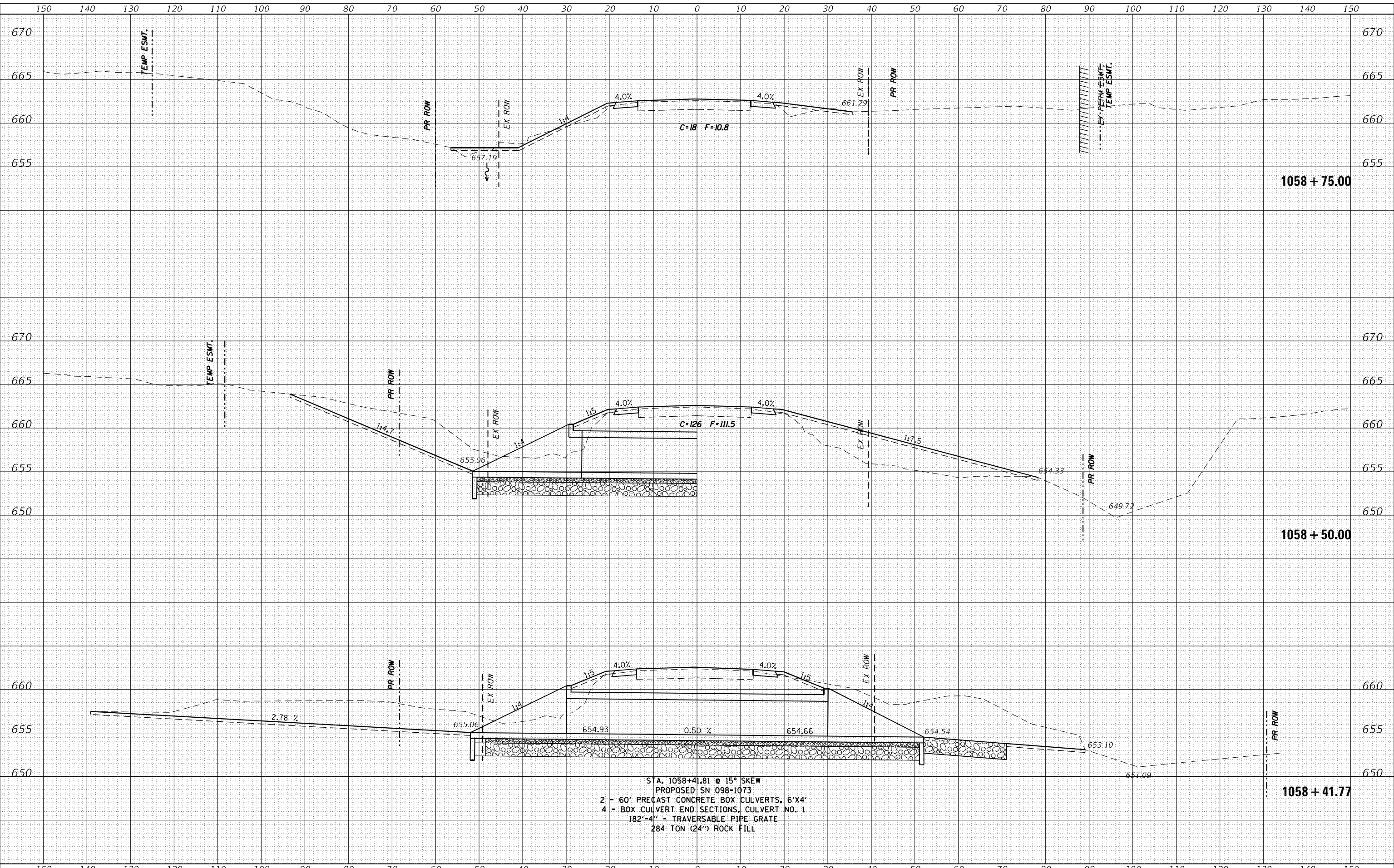
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS		F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 140
SCALE:	SHEET	OF	SHEETS	STA. 1057+75.00	TO STA. 1058+25.00	CONTRACT NO. 64G66
						ILLINOIS FED. AID PROJECT

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

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

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STA. 1058+41.81 @ 15° SKEW
 PROPOSED SN 098-1073
 2 - 60' PRECAST CONCRETE BOX CULVERTS, 6'x4'
 4 - BOX CULVERT END SECTIONS, CULVERT NO. 1
 182'-4" - TRAVERSABLE PIPE GRATE
 284 TON (24") ROCK FILL

USER NAME = james.hogenson	DESIGNED -	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/26/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

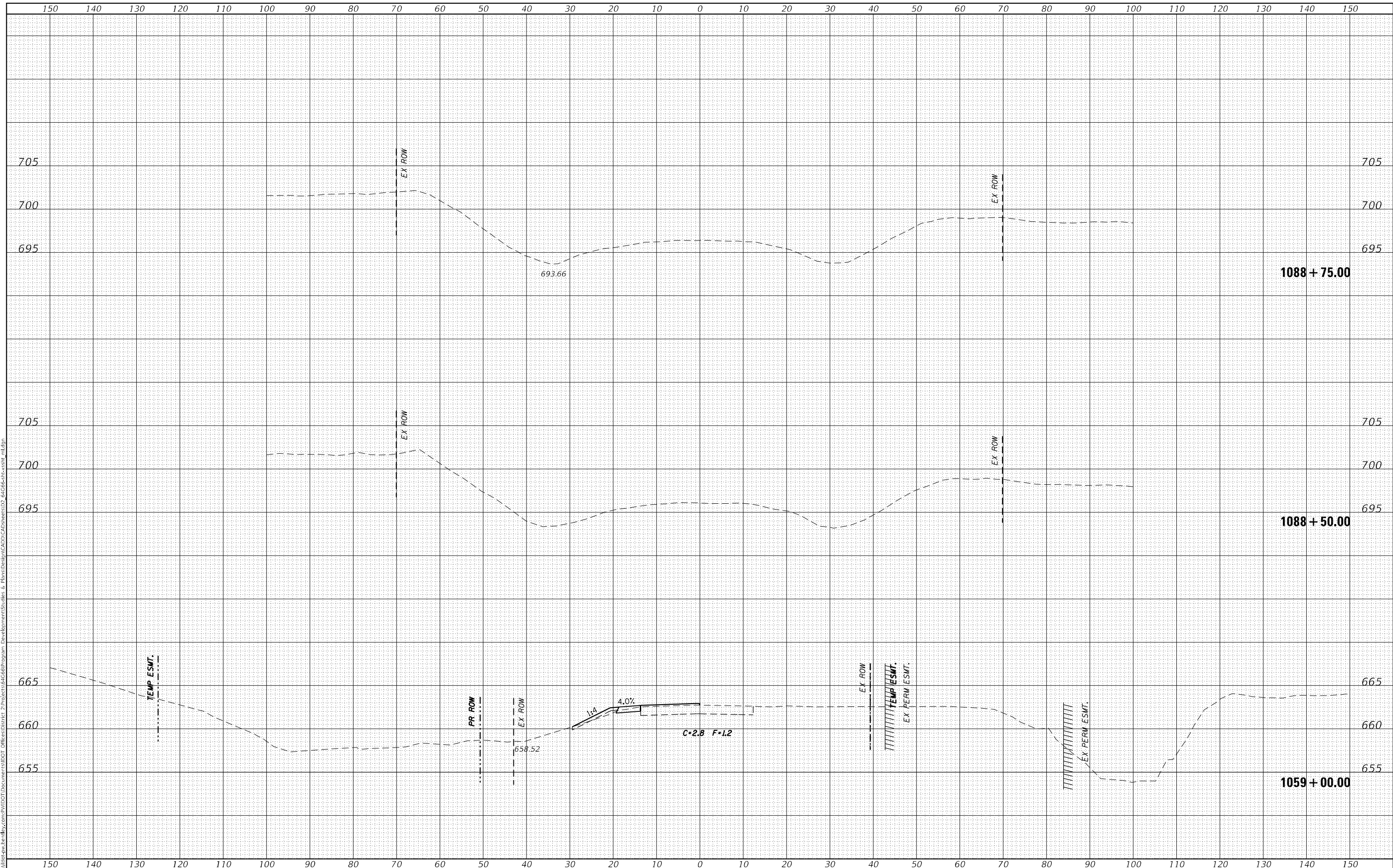
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F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 141
			CONTRACT NO. 64G66	
ILLINOIS FED. AID PROJECT				

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

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USER NAME	= james.hogenson
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DRAWN	-
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CHECKED	-
PLLOT DATE	= 8/26/2022
DATE	-

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

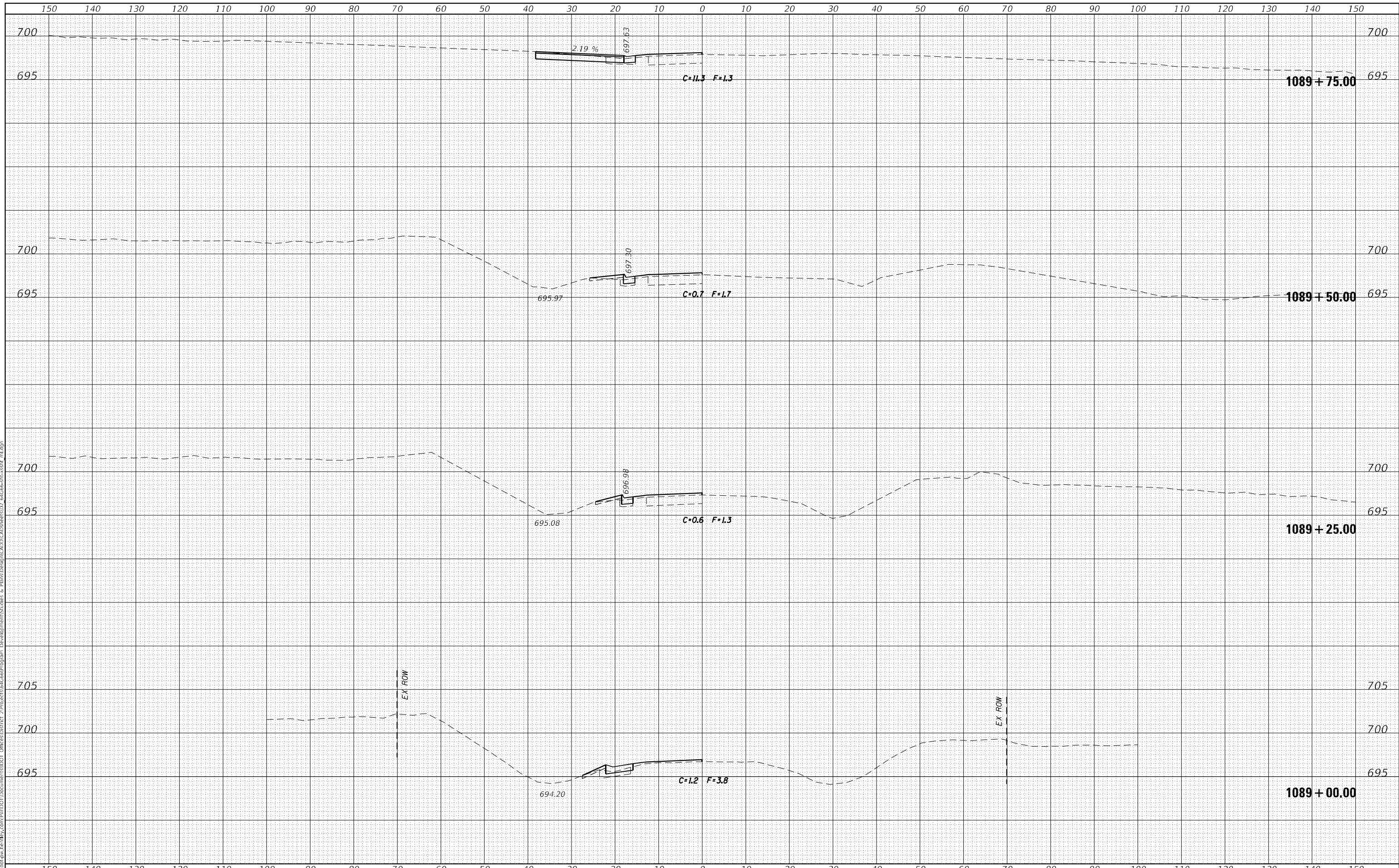
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	142
CONTRACT NO. 64G66				
ILLINOIS FED. AID PROJECT				

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
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PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

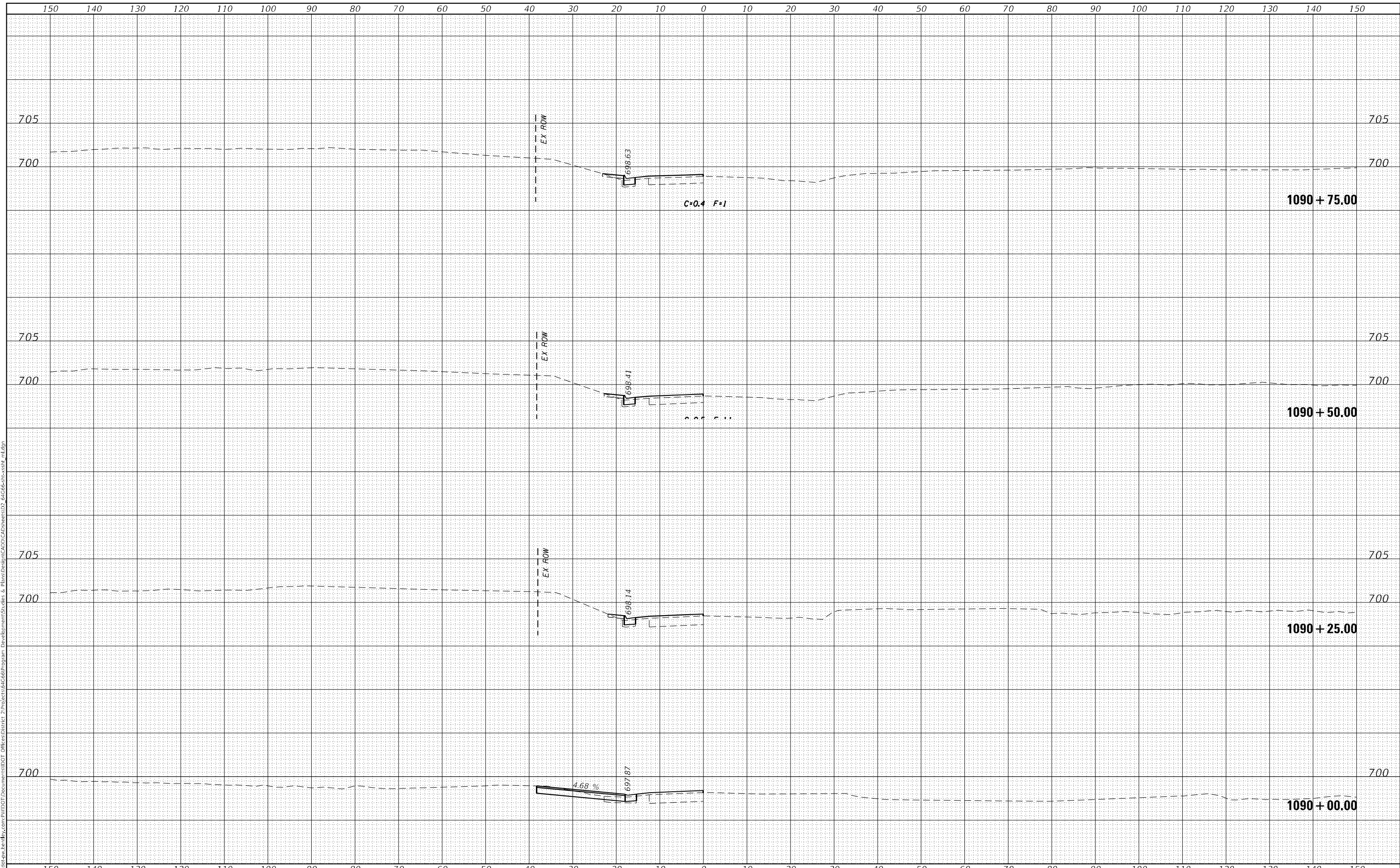
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F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 143
		CONTRACT NO. 64G66		
		ILLINOIS FED. AID PROJECT		

DATE	BY	FINAL SURVEY	SURVEYED
		NOTE BOOK	PLOTTED
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DATE	BY	ORIGINAL SURVEY	SURVEYED
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USER NAME = james.hogenson	DESIGNED -	REVISED -
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PLOT DATE = 8/26/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

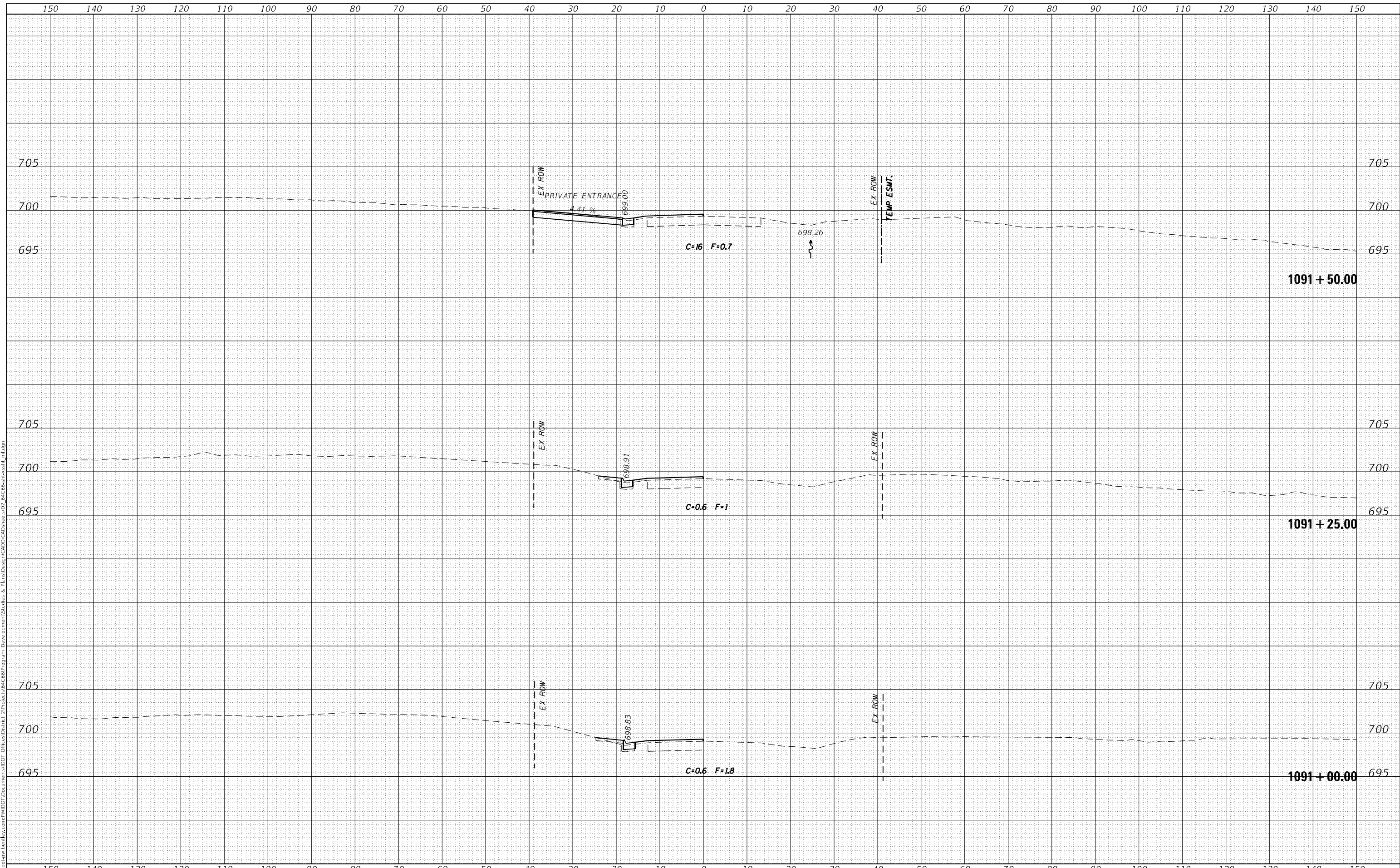
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	144
				CONTRACT NO. 64G66
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
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PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

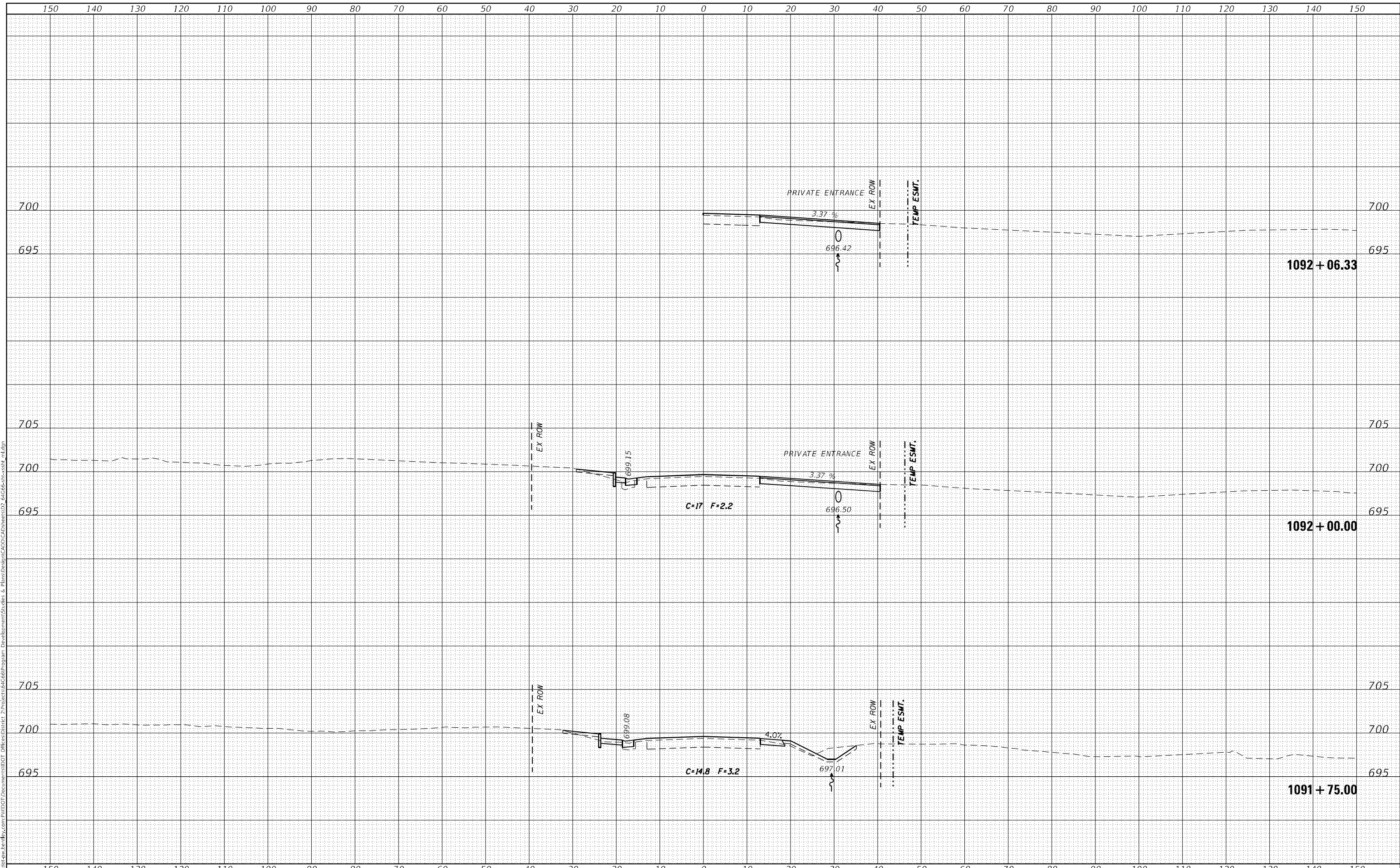
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	145
CONTRACT NO. 64G66				
ILLINOIS		FED. AID PROJECT		

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
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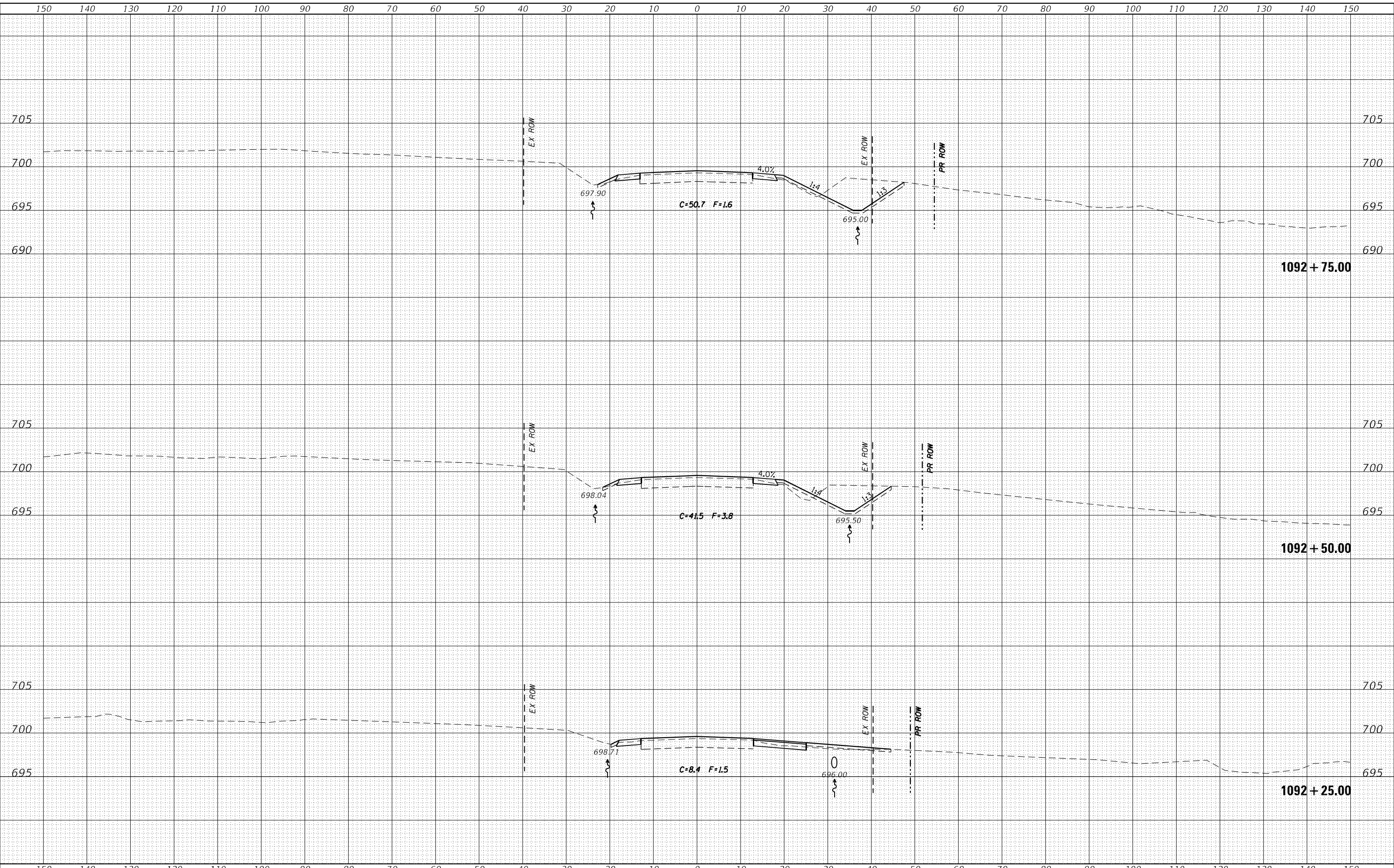


USER NAME = james.hogenson	DESIGNED -	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 78 CROSS SECTIONS	SCALE:	SHEET OF SHEETS	STA. 1091+75.00 TO STA. 1092+06.33		
PLOT SCALE = 20,0000 * / in.	DRAWN -	REVISIED -			F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 146
PLOT DATE = 8/26/2022	CHECKED -	REVISIED -			CONTRACT NO. 64G66				
	DATE -	REVISIED -			ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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USER NAME = james.hogenson	DESIGNED -	REVISIED -
	DRAWN -	REVISIED -
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISIED -
PLOT DATE = 8/26/2022	DATE -	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

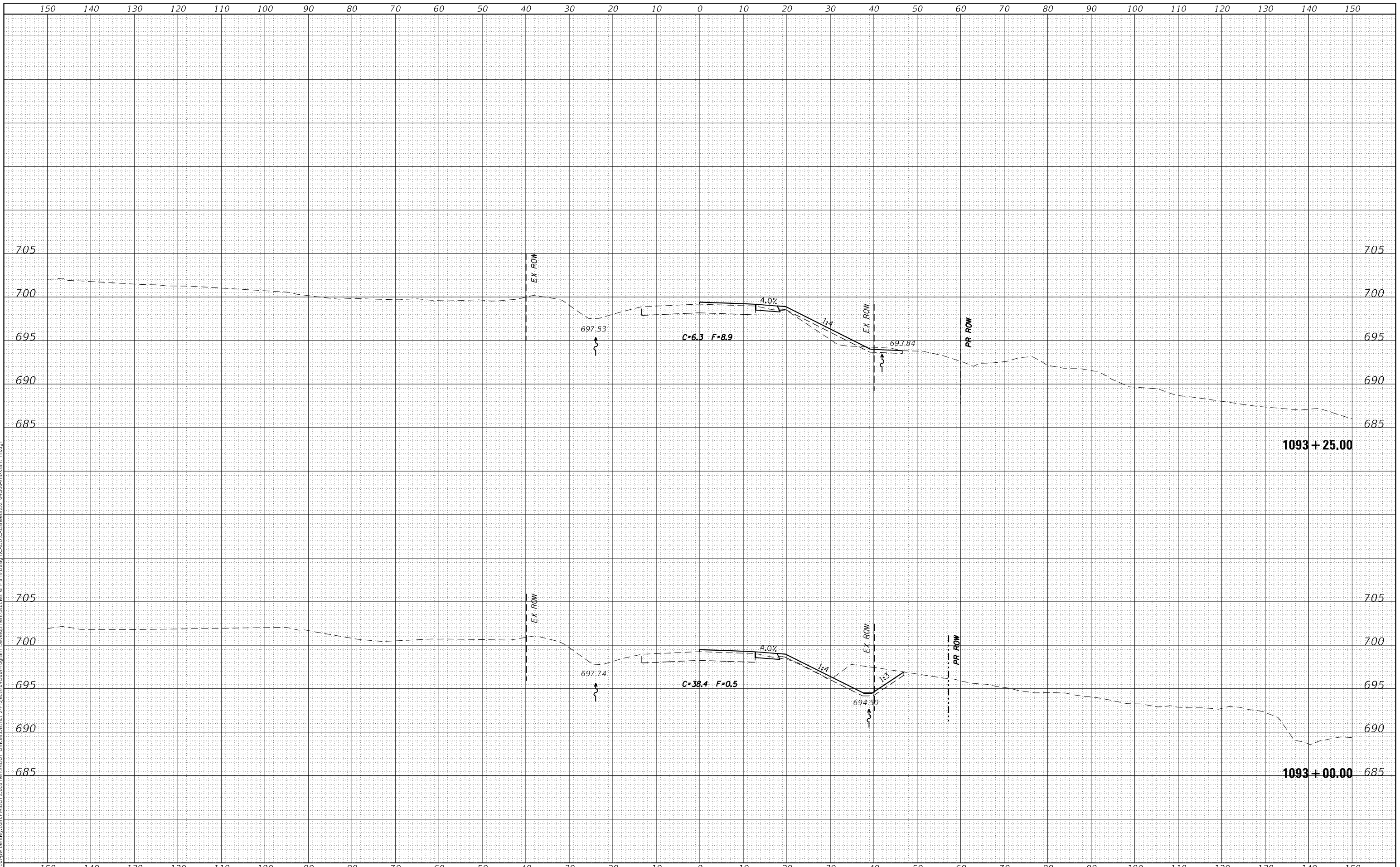
SCALE: SHEET OF SHEETS STA. 1092+25.00 TO STA. 1092+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	147
CONTRACT NO. 64G66				
ILLINOIS		FED. AID PROJECT		

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

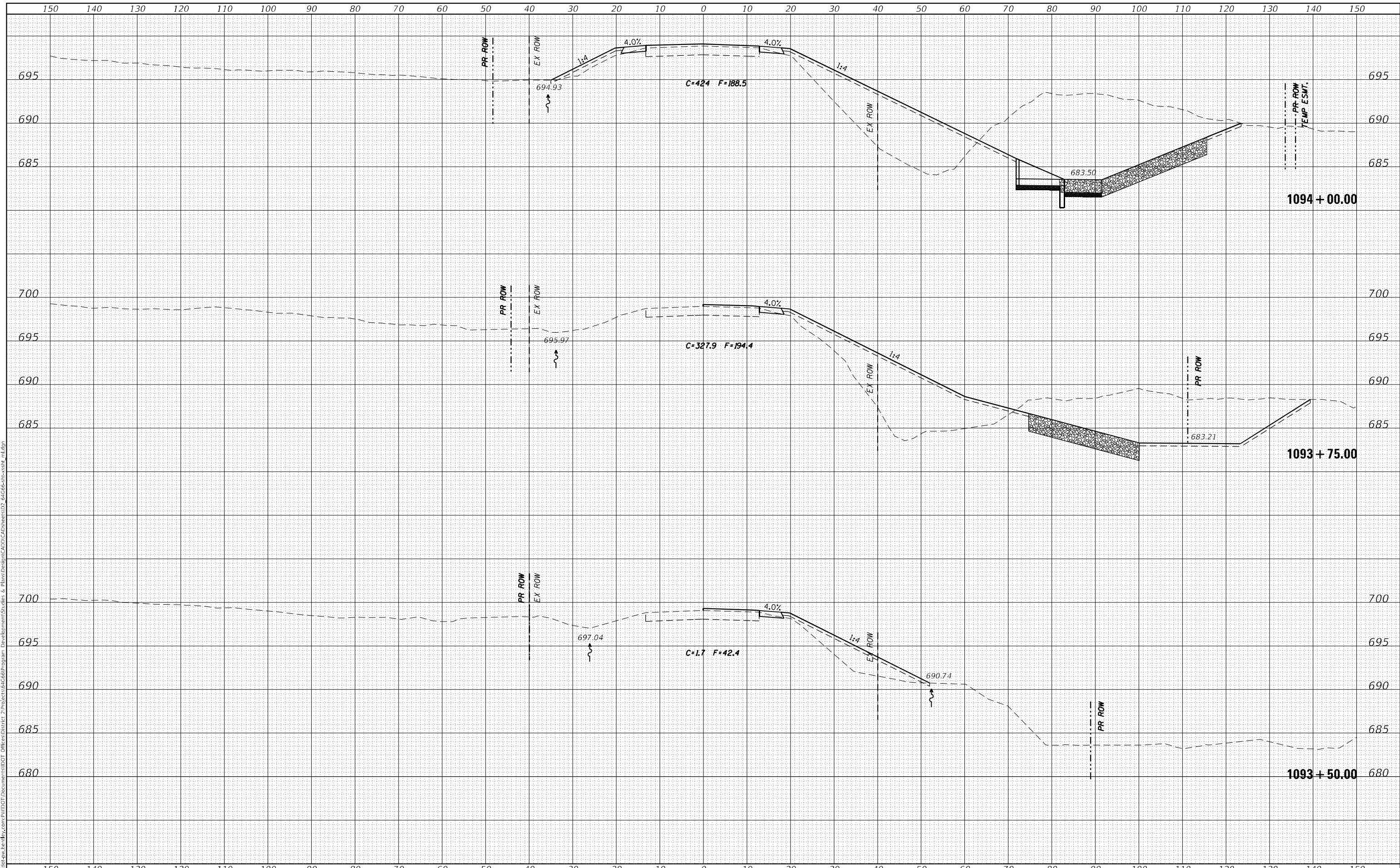
SCALE: SHEET OF SHEETS STA. 1093+00.00 TO STA. 1093+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	148
				CONTRACT NO. 64G66
				ILLINOIS FED. AID PROJECT

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

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

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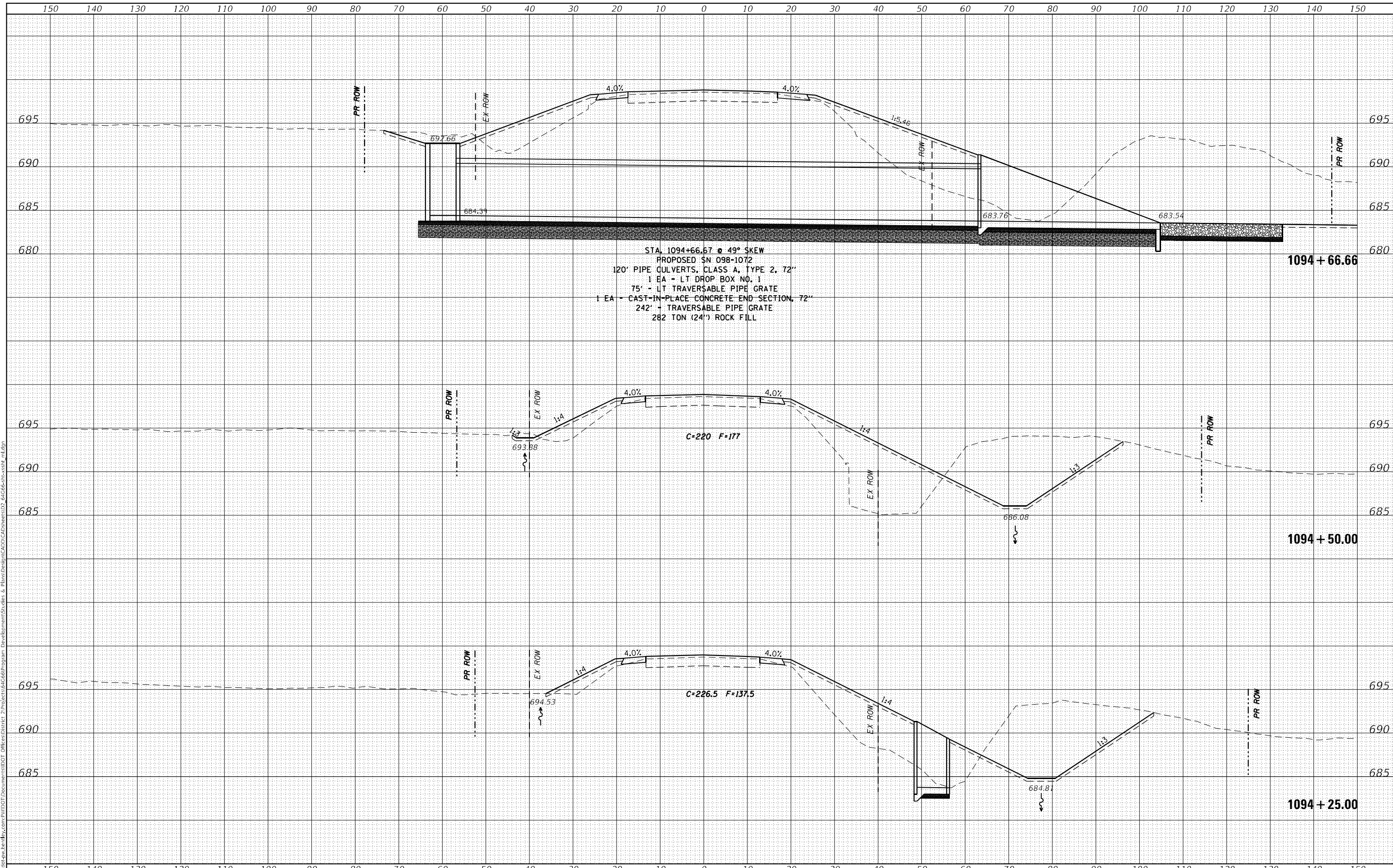
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	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 1093+50.00 TO STA. 1094+00.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 149
		CONTRACT NO. 64G66		
		ILLINOIS FED. AID PROJECT		



STA. 1094+66.67 @ 49° SKEW
 PROPOSED SN 098-1072
 120' PIPE CULVERTS, CLASS A, TYPE 2, 72"
 1 EA - LT DROP BOX NO. 1
 75' - LT TRAVERSABLE PIPE GRATE
 1 EA - CAST-IN-PLACE CONCRETE END SECTION, 72"
 242' - TRAVERSABLE PIPE GRATE
 282 TON (24") ROCK FILL

C-220 F=177

C-226.5 F=137.5

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

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

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USER NAME = james.hoganson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

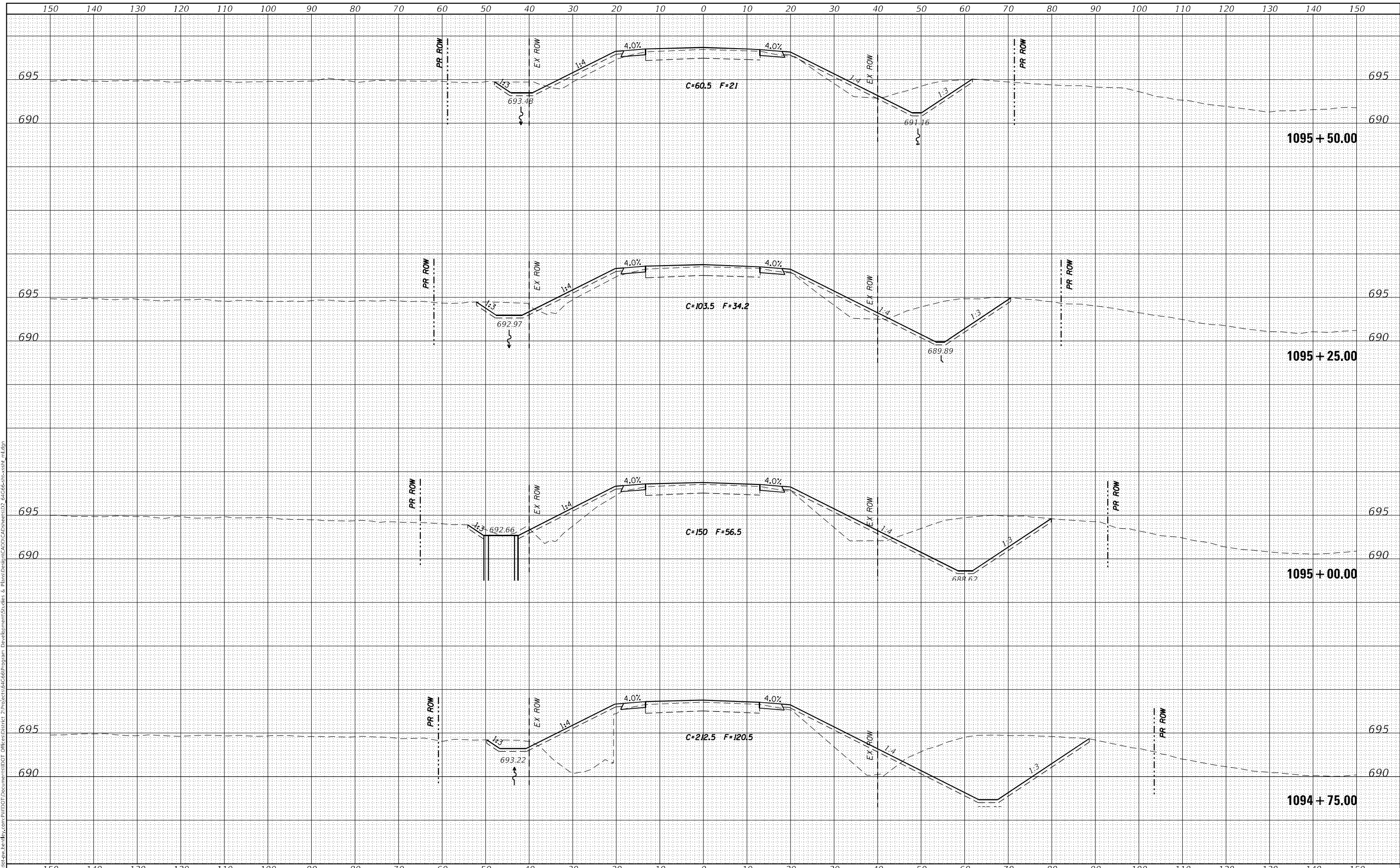
SCALE: SHEET OF SHEETS STA. 1094+25.00 TO STA. 1094+66.66

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 150
			CONTRACT NO. 64G66	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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USER NAME = james.hogenson	DESIGNED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 8/26/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

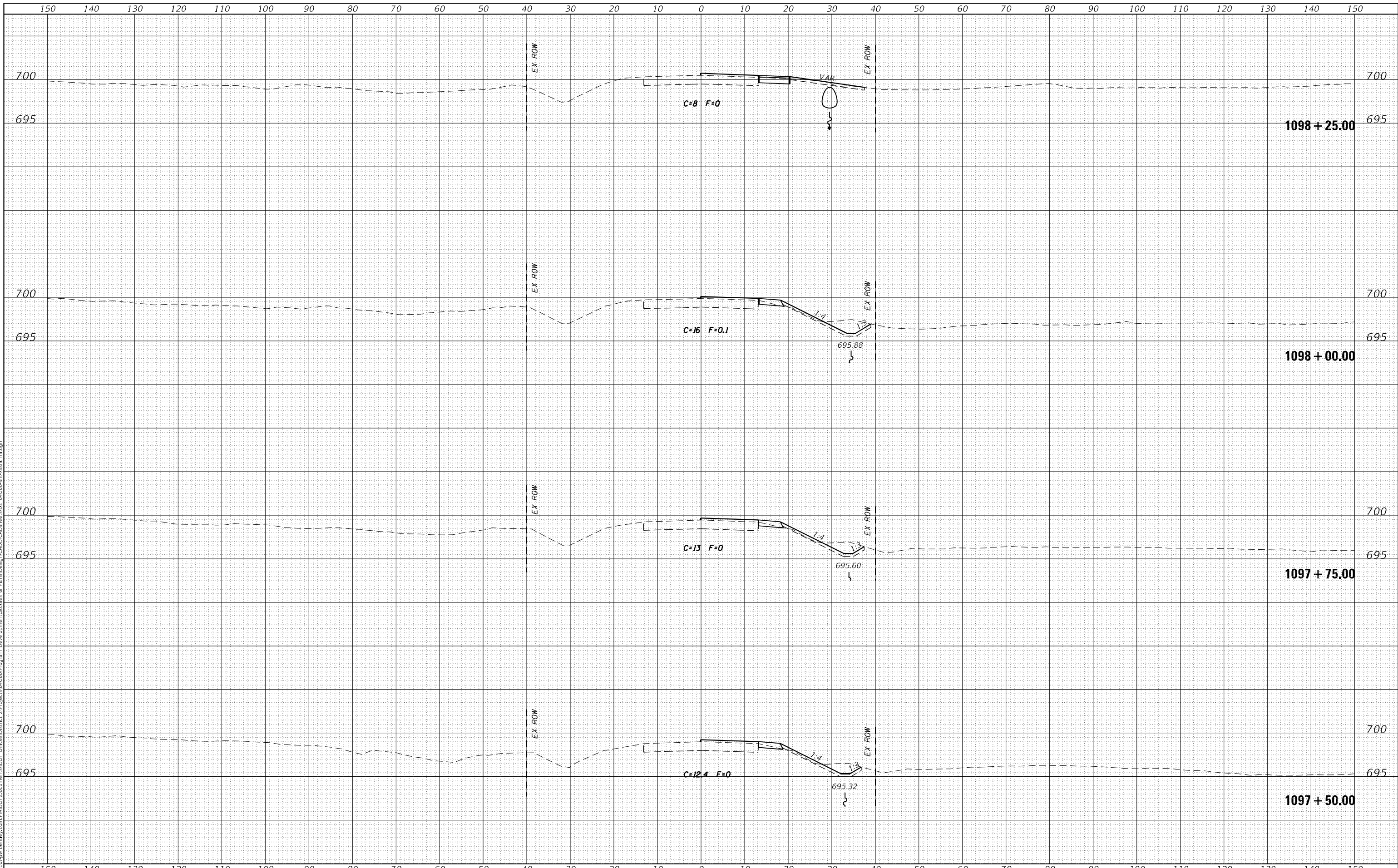
SCALE: SHEET OF SHEETS STA. 1094+75.00 TO STA. 1095+50.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 151
			CONTRACT NO. 64G66	
		ILLINOIS	FED. AID PROJECT	

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

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

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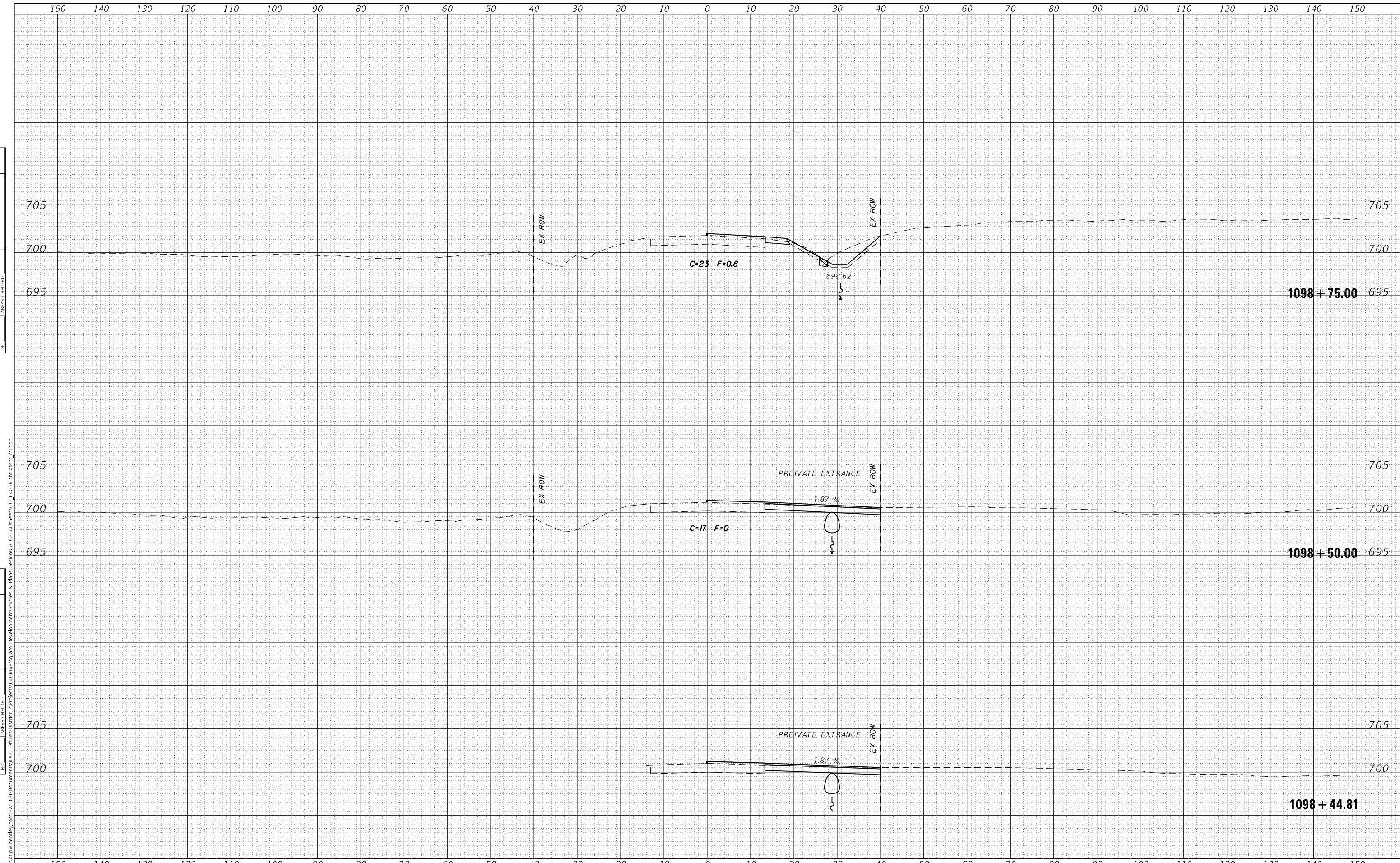
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PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 1097+50.00 TO STA. 1098+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	154
CONTRACT NO. 64G66				
ILLINOIS		FED. AID PROJECT		



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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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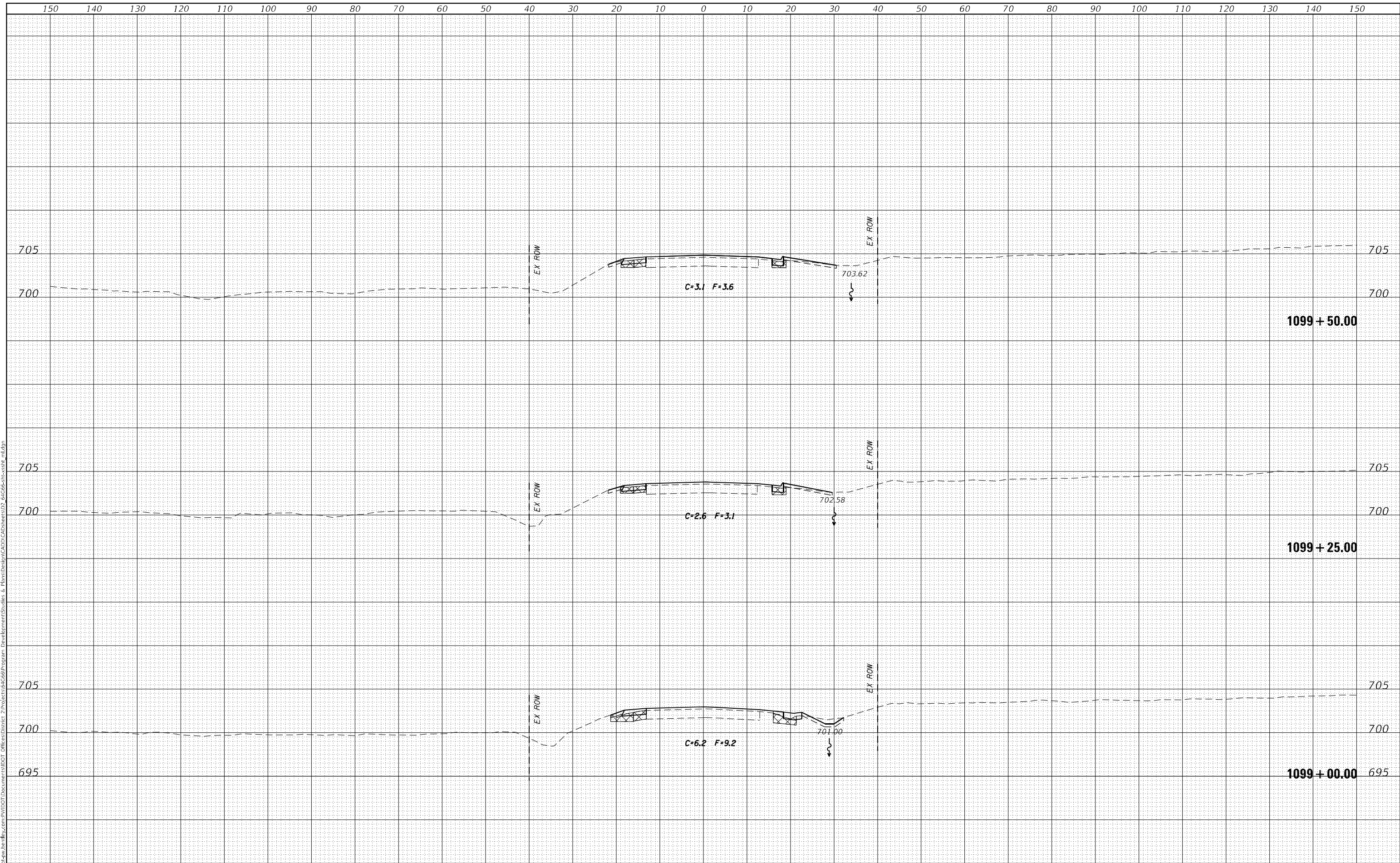
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PLOT DATE = 8/26/2022	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 1098+44.81 TO STA. 1098+75.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 155
			CONTRACT NO. 64G66	
		ILLINOIS FED. AID PROJECT		



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

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

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PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 1099+00.00 TO STA. 1099+50.00

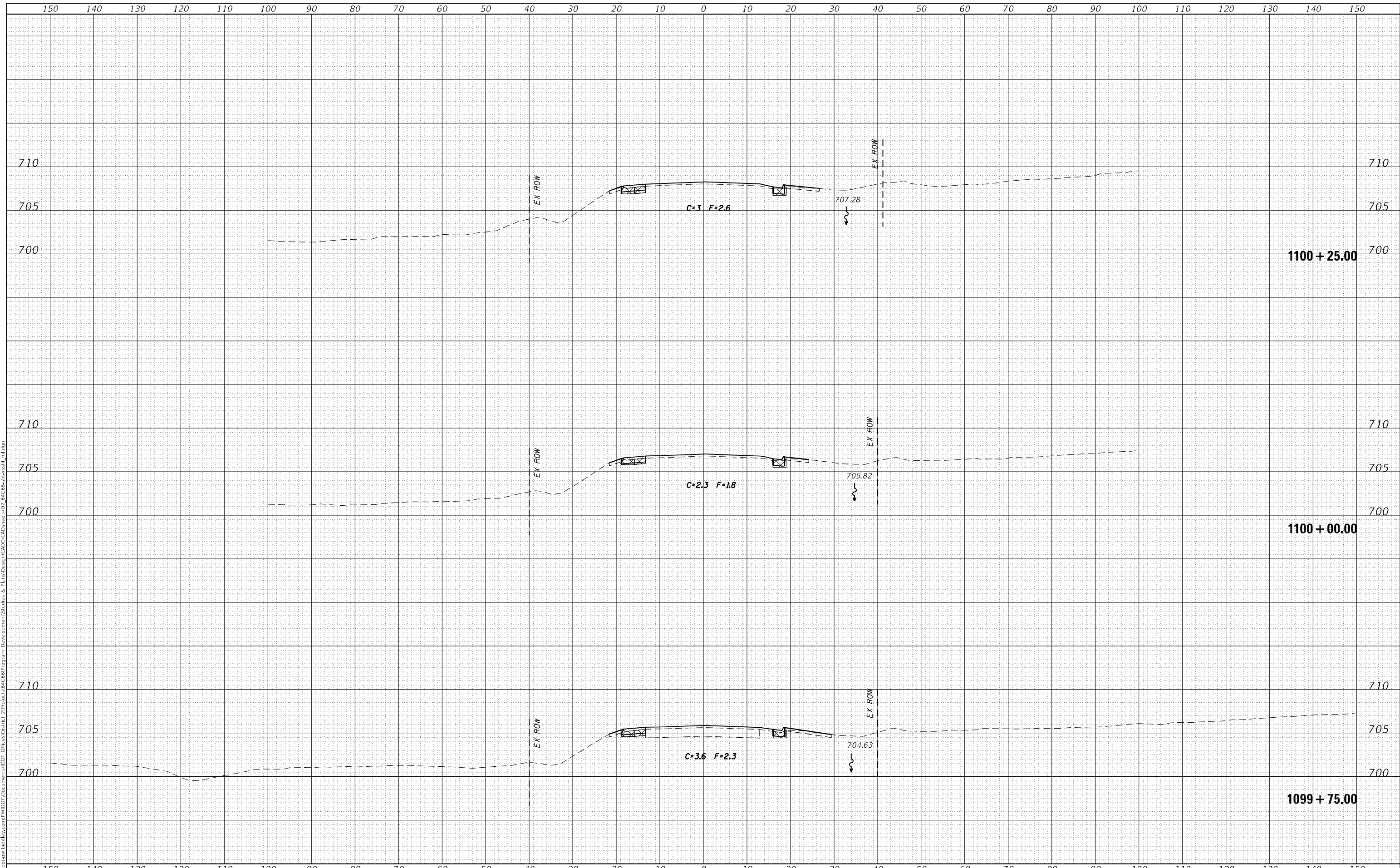
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	156
CONTRACT NO. 64G66				

ILLINOIS FED. AID PROJECT

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
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PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

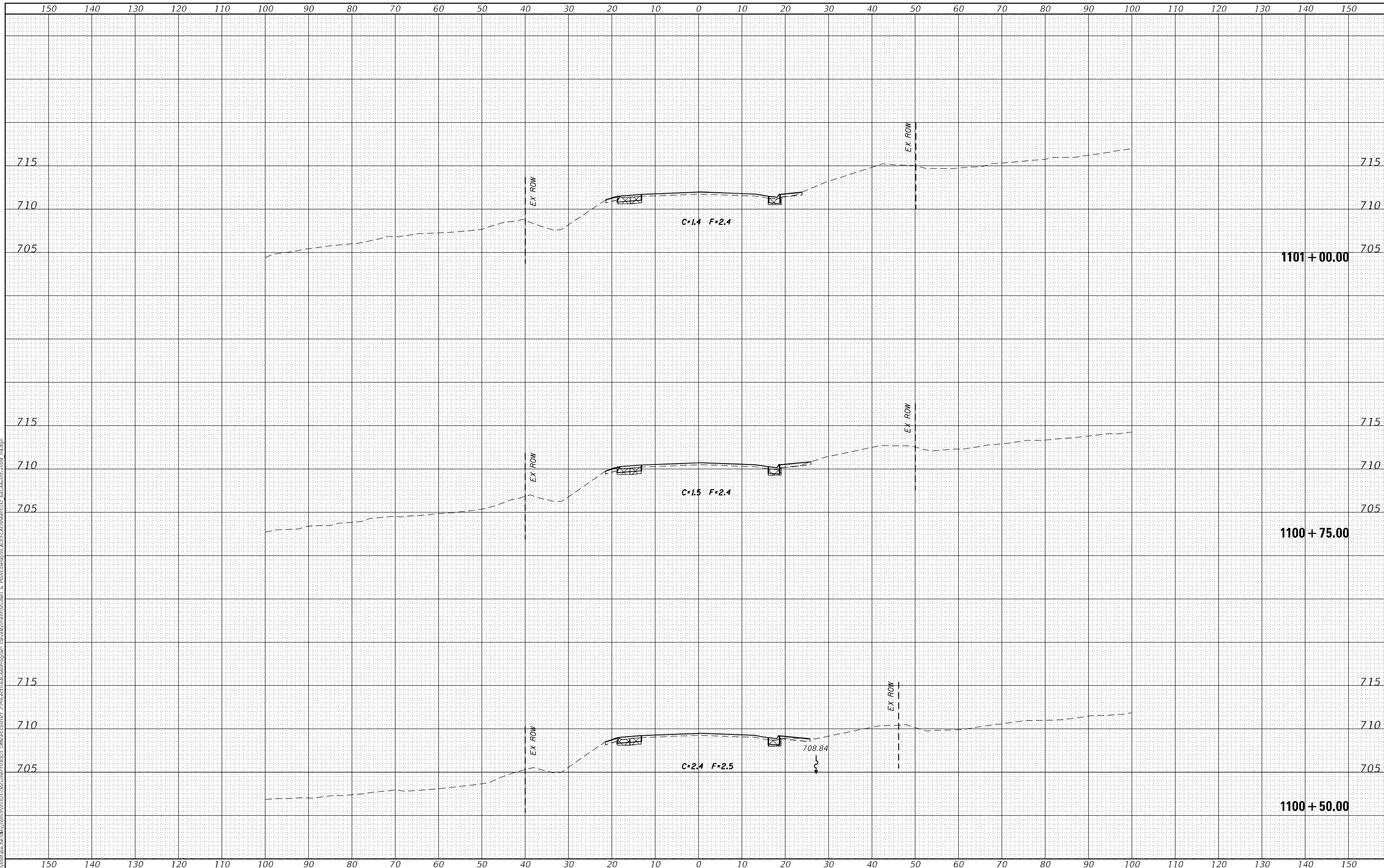
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	157
			CONTRACT NO. 64G66	
			ILLINOIS FED. AID PROJECT	

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

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

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PLOT SCALE	= 20,0000'*/ in.
PLOT DATE	= 8/26/2022

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

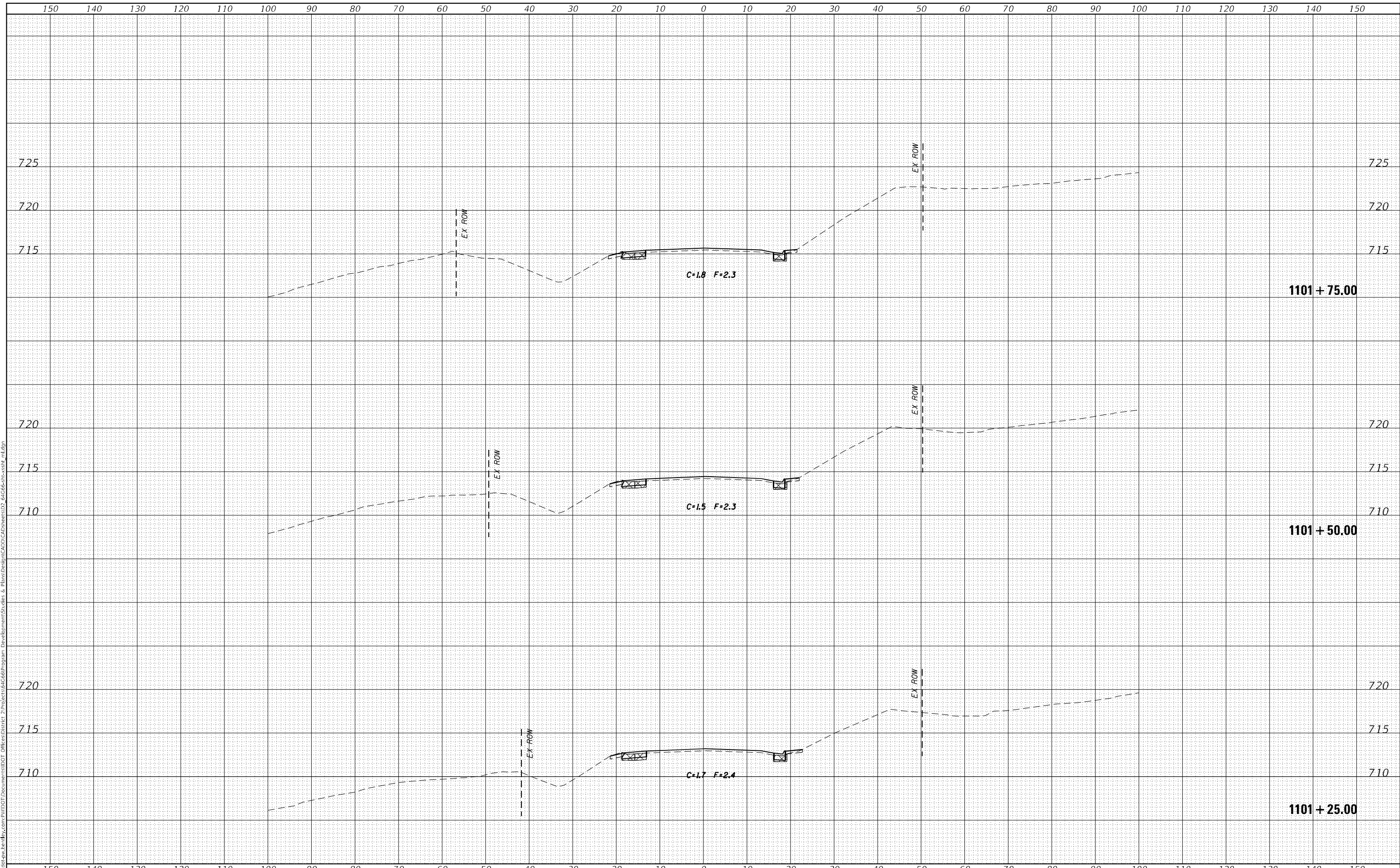
SCALE: SHEET OF SHEETS STA. 1100+50.00 TO STA. 1101+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	158
CONTRACT NO. 64G66			ILLINOIS FED. AID PROJECT	

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
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PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

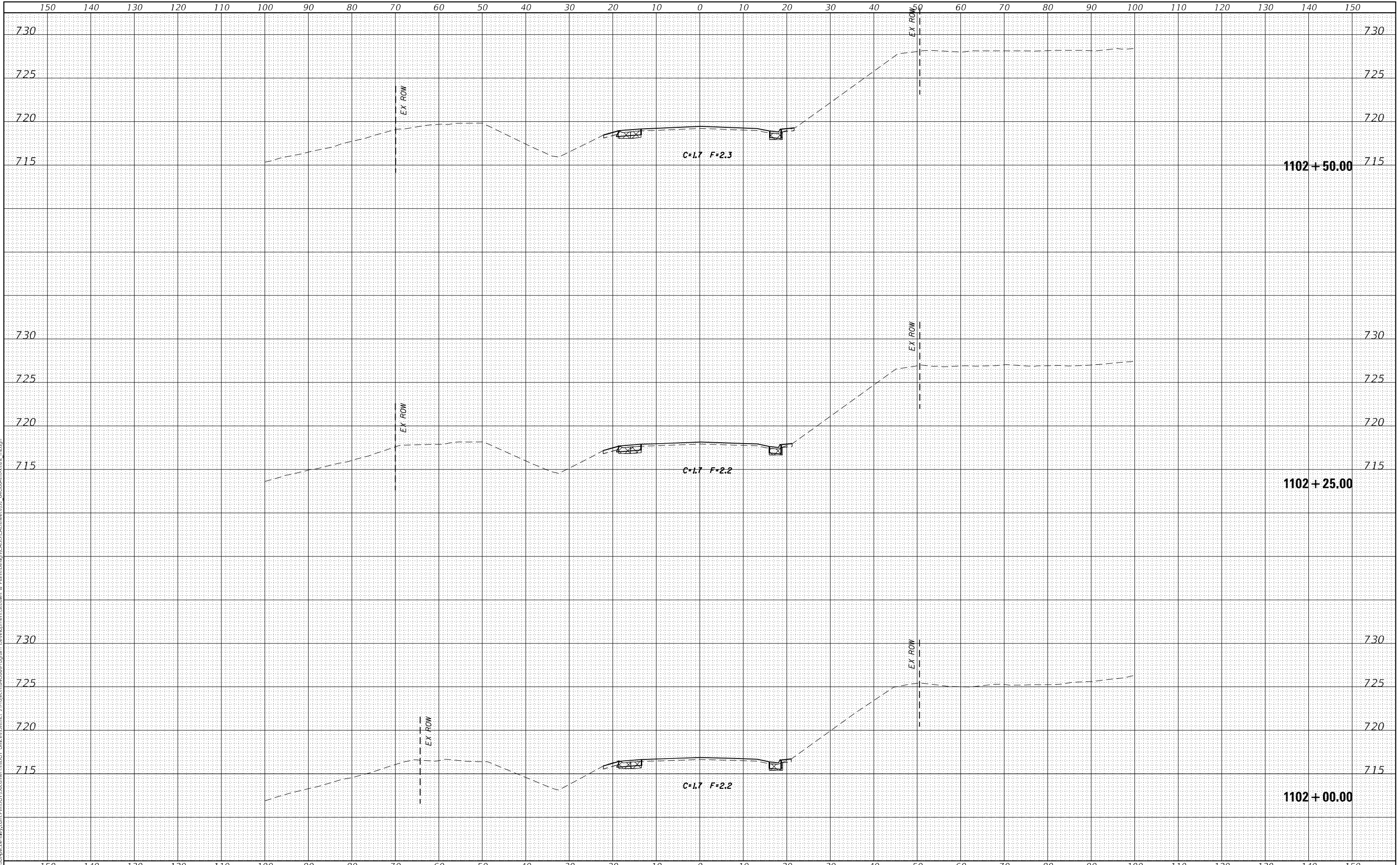
SCALE: SHEET OF SHEETS STA. 1101+25.00 TO STA. 1101+75.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 159
			CONTRACT NO. 64G66	
		ILLINOIS FED. AID PROJECT		

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

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

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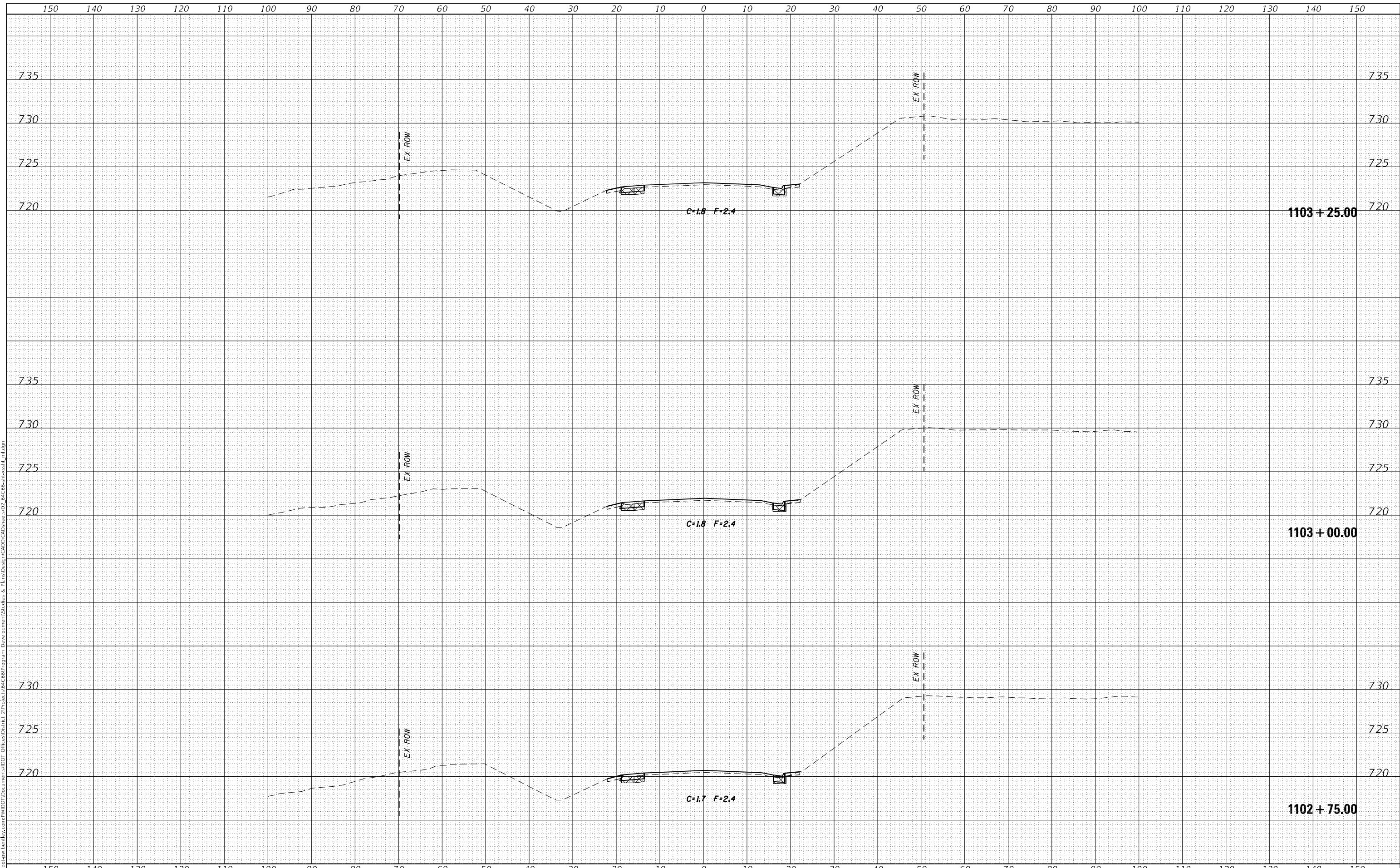


USER NAME = james.hogenson PLOT SCALE = 20,0000 * / in. PLOT DATE = 8/26/2022	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 78 CROSS SECTIONS			F.A.P. RTE. 642 SECTION 110T&RS-3 COUNTY WHITESIDE CONTRACT NO. 64G66	TOTAL SHEETS 234 SHEET NO. 160
	CHECKED - DATE -	REVISED - REVISED -		SCALE: SHEET OF SHEETS STA. 1102+00.00 TO STA. 1102+50.00	ILLINOIS FED. AID PROJECT			

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

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

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	DRAWN -	REVISED -
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PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

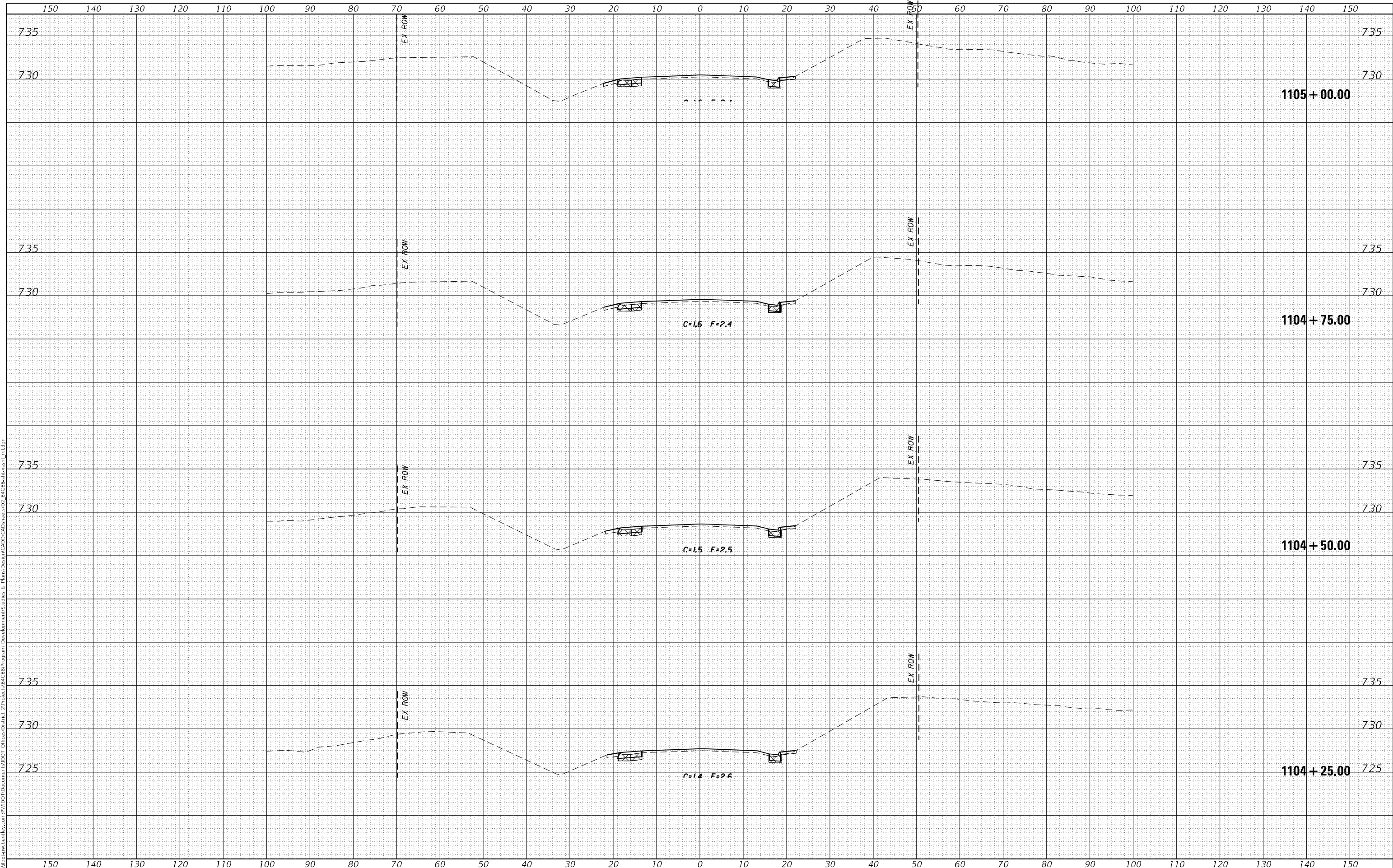
SCALE: SHEET OF SHEETS STA. 1102+75.00 TO STA. 1103+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	161
			CONTRACT NO. 64G66	
		ILLINOIS	FED. AID PROJECT	

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

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

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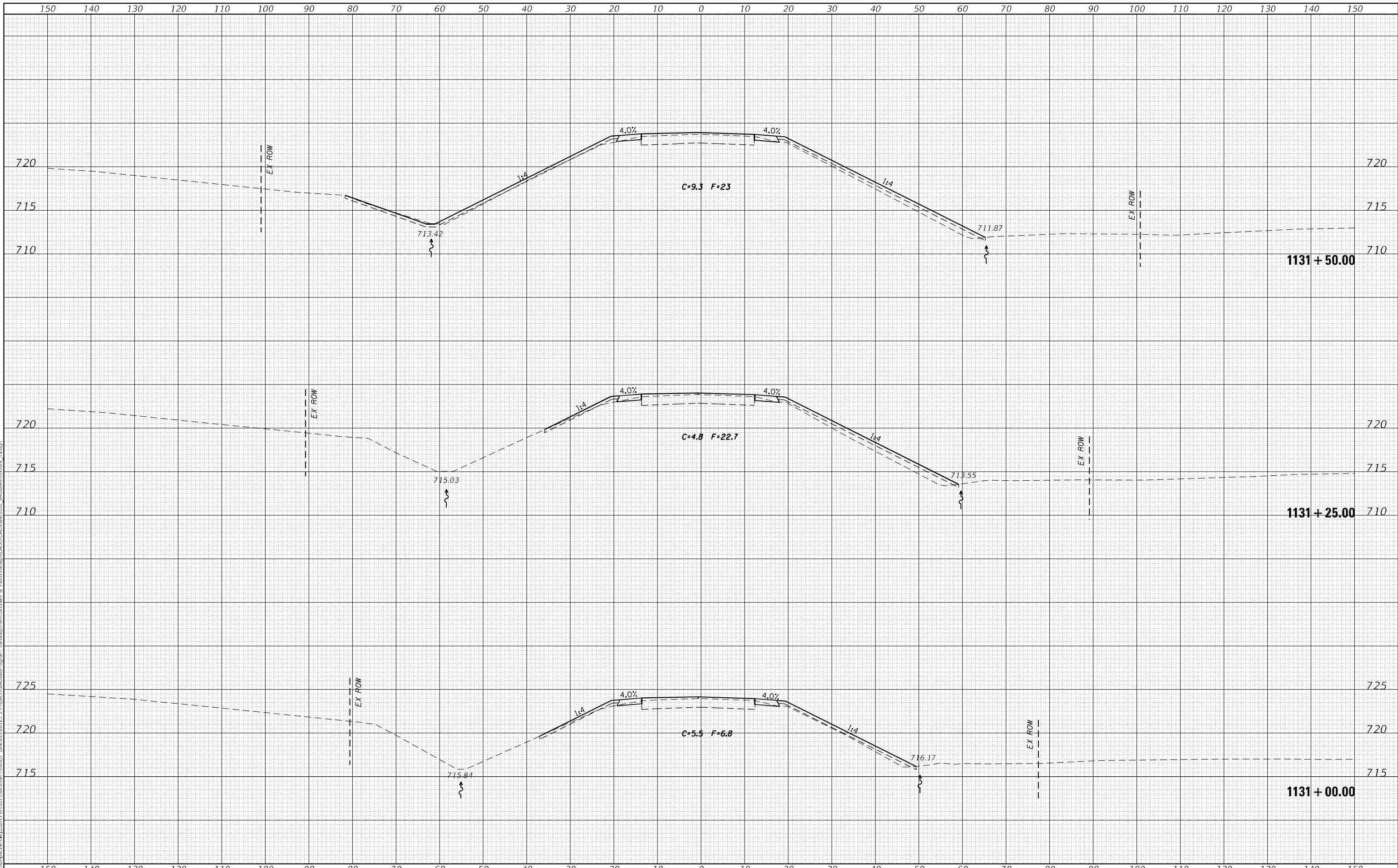


USER NAME = james.hogenson	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">IL 78 CROSS SECTIONS</p>	F.A.P. RTE. = 642	SECTION = 110T&RS-3	COUNTY = WHITESIDE	TOTAL SHEETS = 234	SHEET NO. = 163	
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 1104+25.00	TO STA. 1105+00.00
PLOT DATE = 8/26/2022	DATE -	REVISED -		CONTRACT NO. 64G66					

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 78 CROSS SECTIONS	SCALE:	SHEET	OF	SHEETS	STA. 1131+00.00	TO STA. 1131+50.00	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20,0000 "/>															

1131 + 50.00

1131 + 25.00

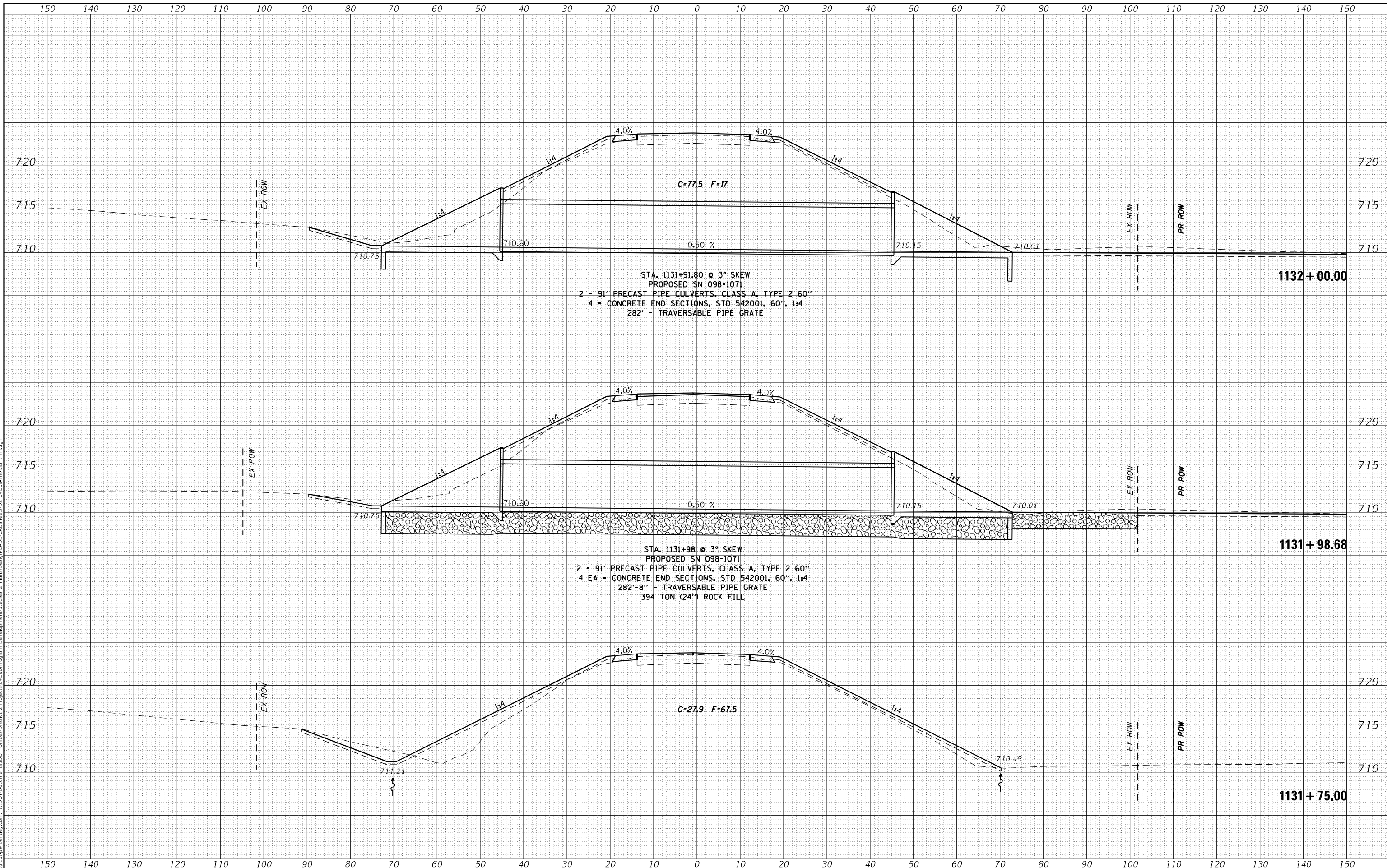
1131 + 00.00

CONTRACT NO. 64G66

ILLINOIS FED. AID PROJECT

DATE	BY

DATE	BY



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 PLOT DATE = 8/26/2022

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

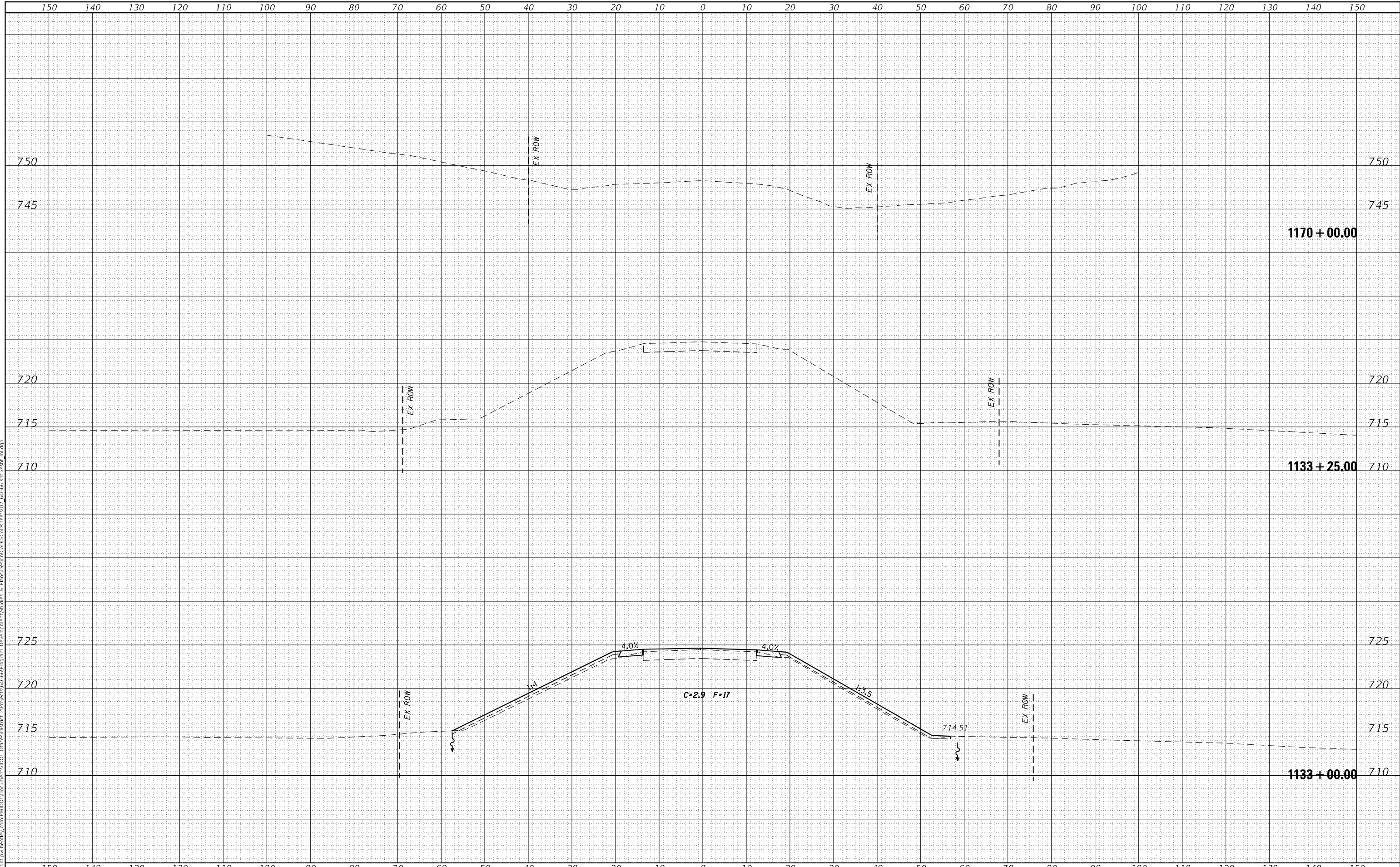
SCALE: SHEET OF SHEETS STA. 1131+75.00 TO STA. 1132+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	166
			CONTRACT NO. 64G66	
		ILLINOIS	FED. AID PROJECT	

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

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

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 PROJECT: 1110T&RS-3
 PROJECT: 1110T&RS-3
 PROJECT: 1110T&RS-3
 PROJECT: 1110T&RS-3



USER NAME = james.hogenson
PLOT SCALE = 20,0000 * / in.
PLOT DATE = 8/26/2022

DESIGNED -
DRAWN -
CHECKED -
DATE -

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

IL 78 CROSS SECTIONS

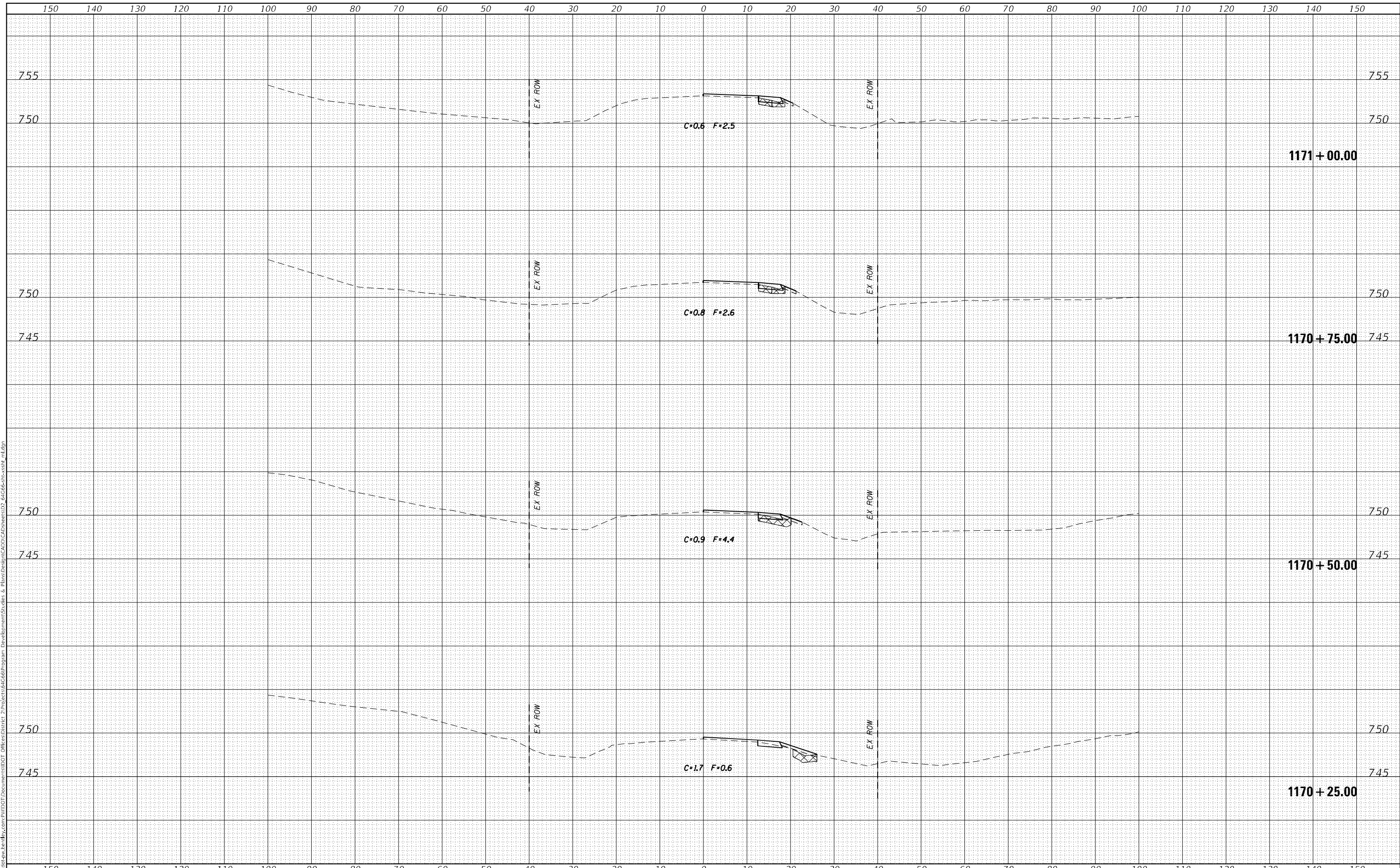
SCALE: SHEET OF SHEETS STA. 1133+00.00 TO STA. 1170+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	168
CONTRACT NO. 64G66			ILLINOIS FED. AID PROJECT	

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

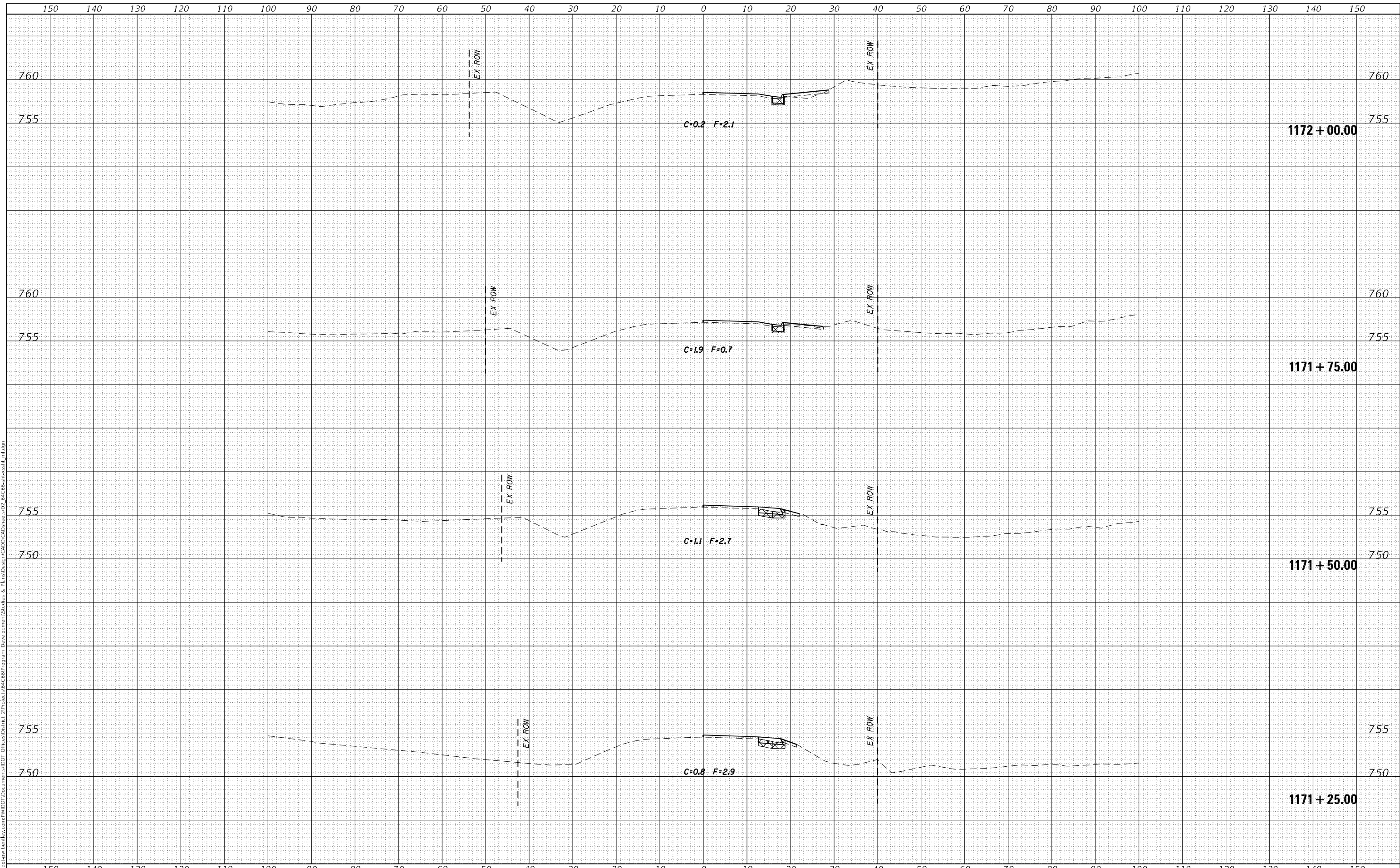
SCALE: SHEET OF SHEETS STA. 1170+25.00 TO STA. 1171+00.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 169
			CONTRACT NO. 64G66	
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

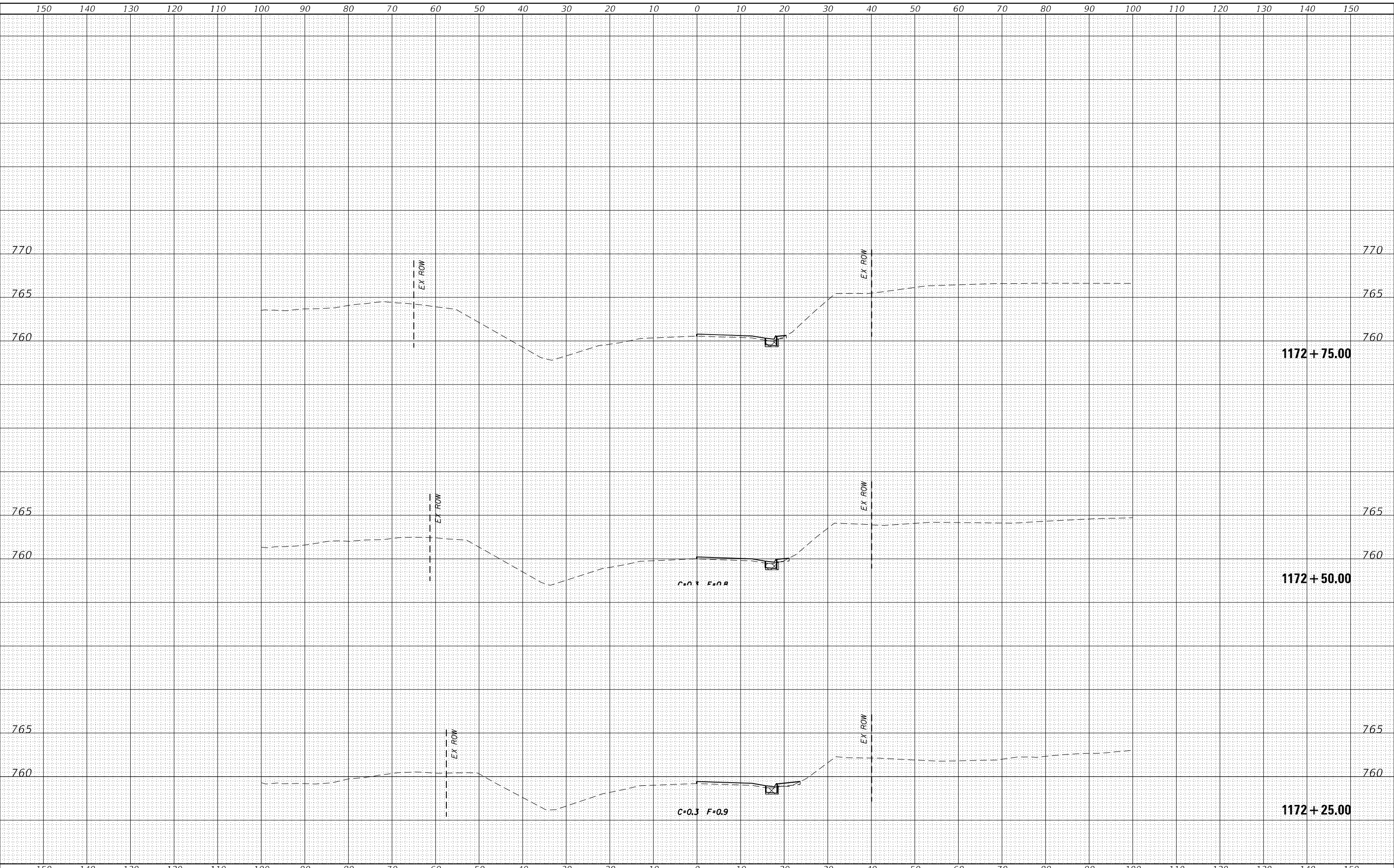
SCALE: SHEET OF SHEETS STA. 1171+25.00 TO STA. 1172+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	170
			CONTRACT NO. 64G66	
		ILLINOIS	FED. AID PROJECT	

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

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

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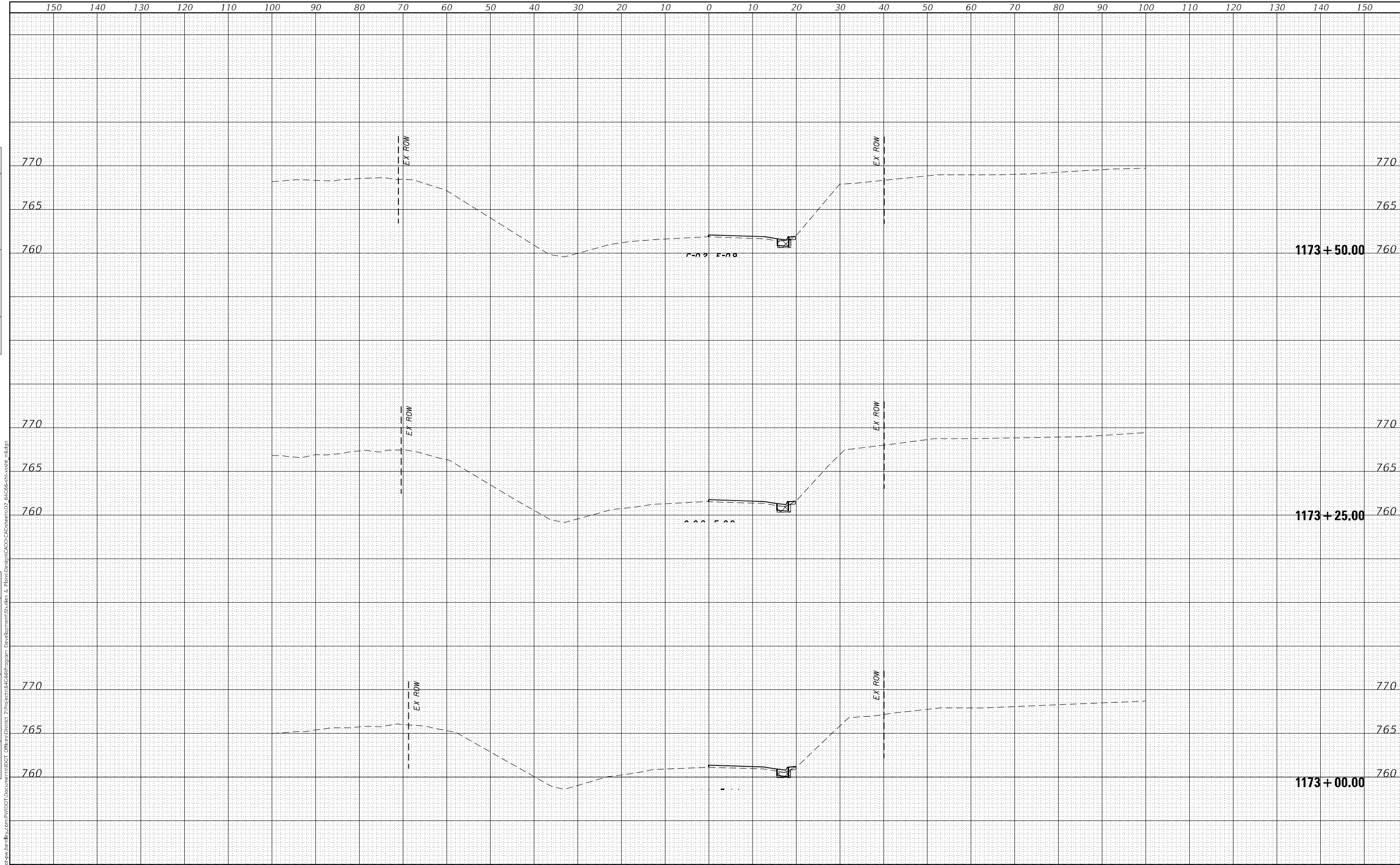
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PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 1172+25.00 TO STA. 1172+75.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 171
CONTRACT NO. 64G66				ILLINOIS FED. AID PROJECT



DATE
BY
SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
AREAS CHECKED
NO.

DATE
BY
SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
AREAS CHECKED
NO.

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DESIGNED -
DRAWN -
PLLOT SCALE = 20,0000 * / in.
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PLLOT DATE = 8/26/2022
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

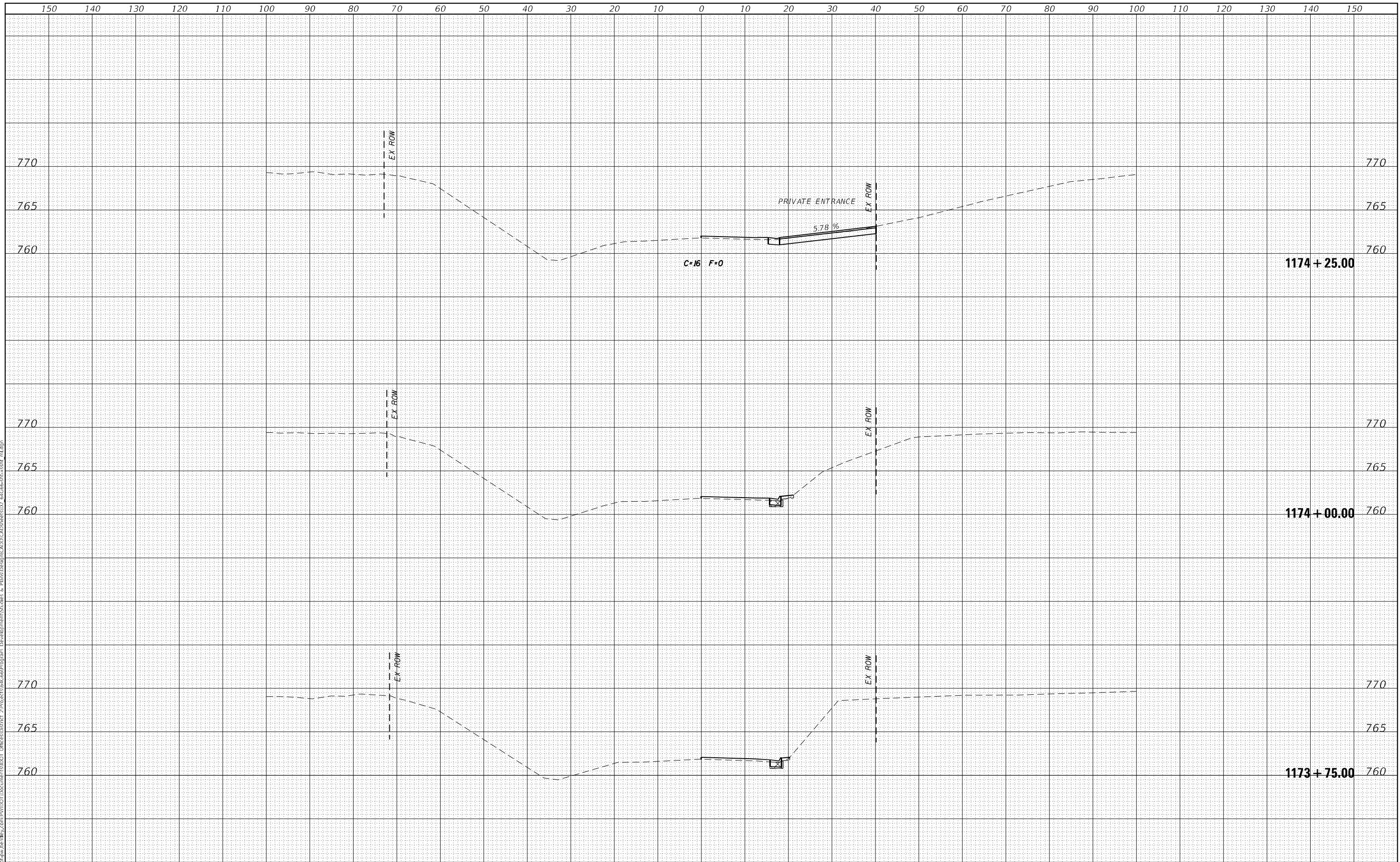
IL 78 CROSS SECTIONS		
SCALE:	SHEET	OF SHEETS
STA. 1173+00.00 TO STA. 1173+50.00		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	172
CONTRACT NO. 64G66				
ILLINOIS				FED. AID PROJECT

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

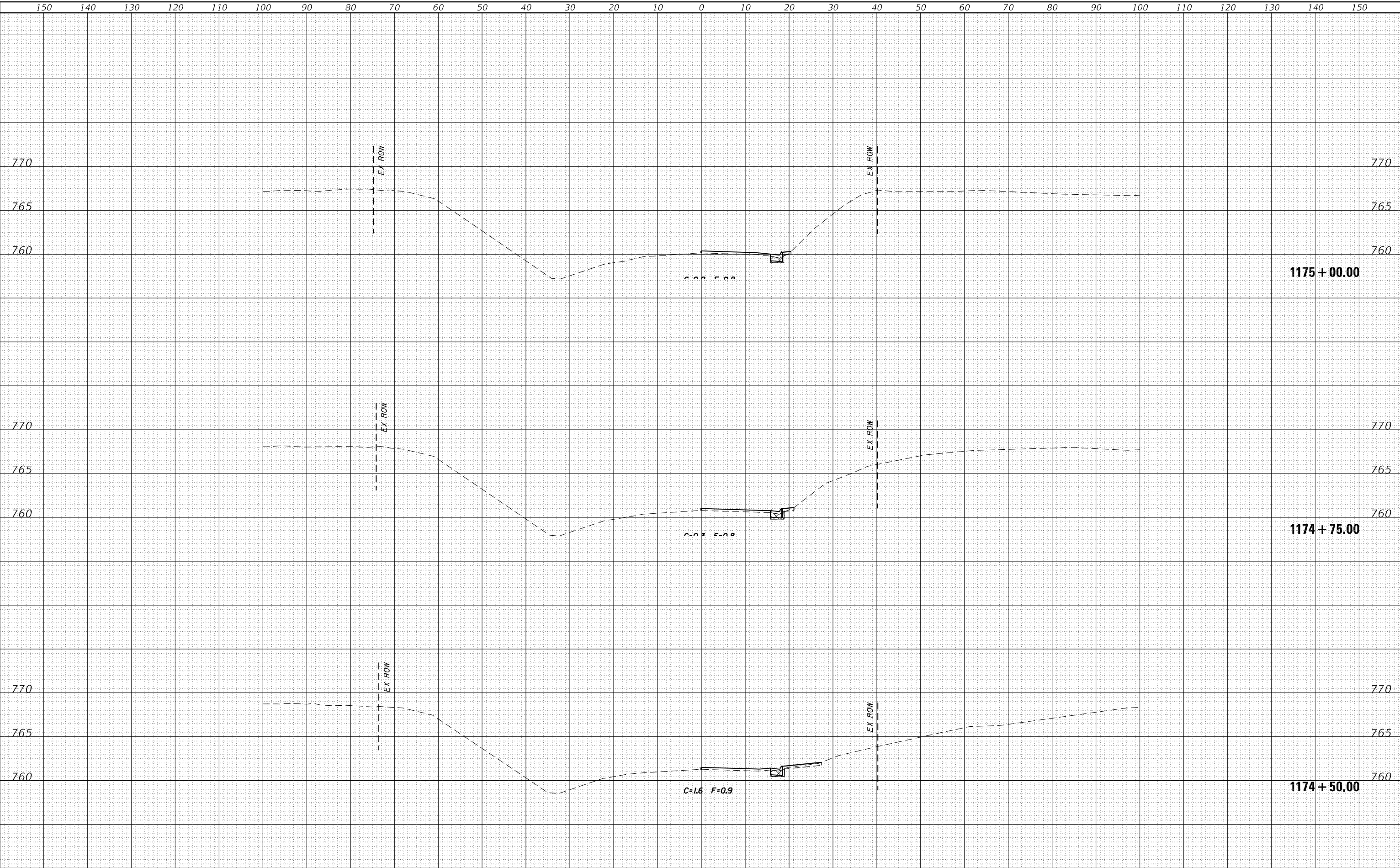
IL 78 CROSS SECTIONS	
SCALE:	SHEET OF SHEETS STA. 1173+75.00 TO STA. 1174+25.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 173
			CONTRACT NO. 64G66	
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = james.hogenson
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 PLOT DATE = 8/26/2022

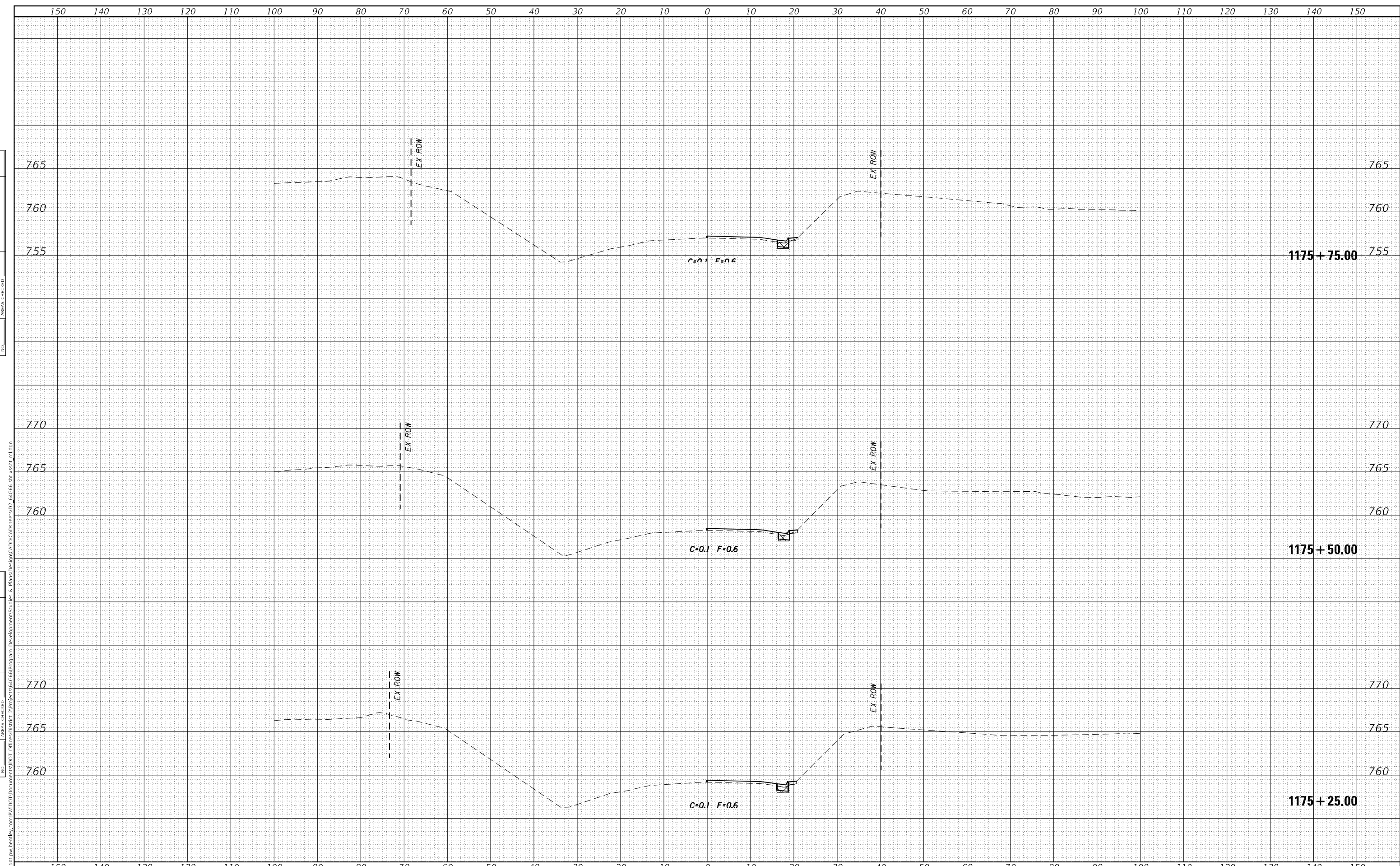
DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS
 SCALE: SHEET OF SHEETS STA. 1174+50.00 TO STA. 1175+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	174
CONTRACT NO. 64G66			ILLINOIS FED. AID PROJECT	



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

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

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PROGRAM: Development\Stuiles & Plans\Drawn\CAD\1175+25.dwg
DATE: 8/26/2022

USER NAME = james.hogenson	DESIGNED -	REvised -
PLOT SCALE = 20,0000 * / in.	DRAWN -	REvised -
PLOT DATE = 8/26/2022	CHECKED -	REvised -
	DATE -	REvised -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

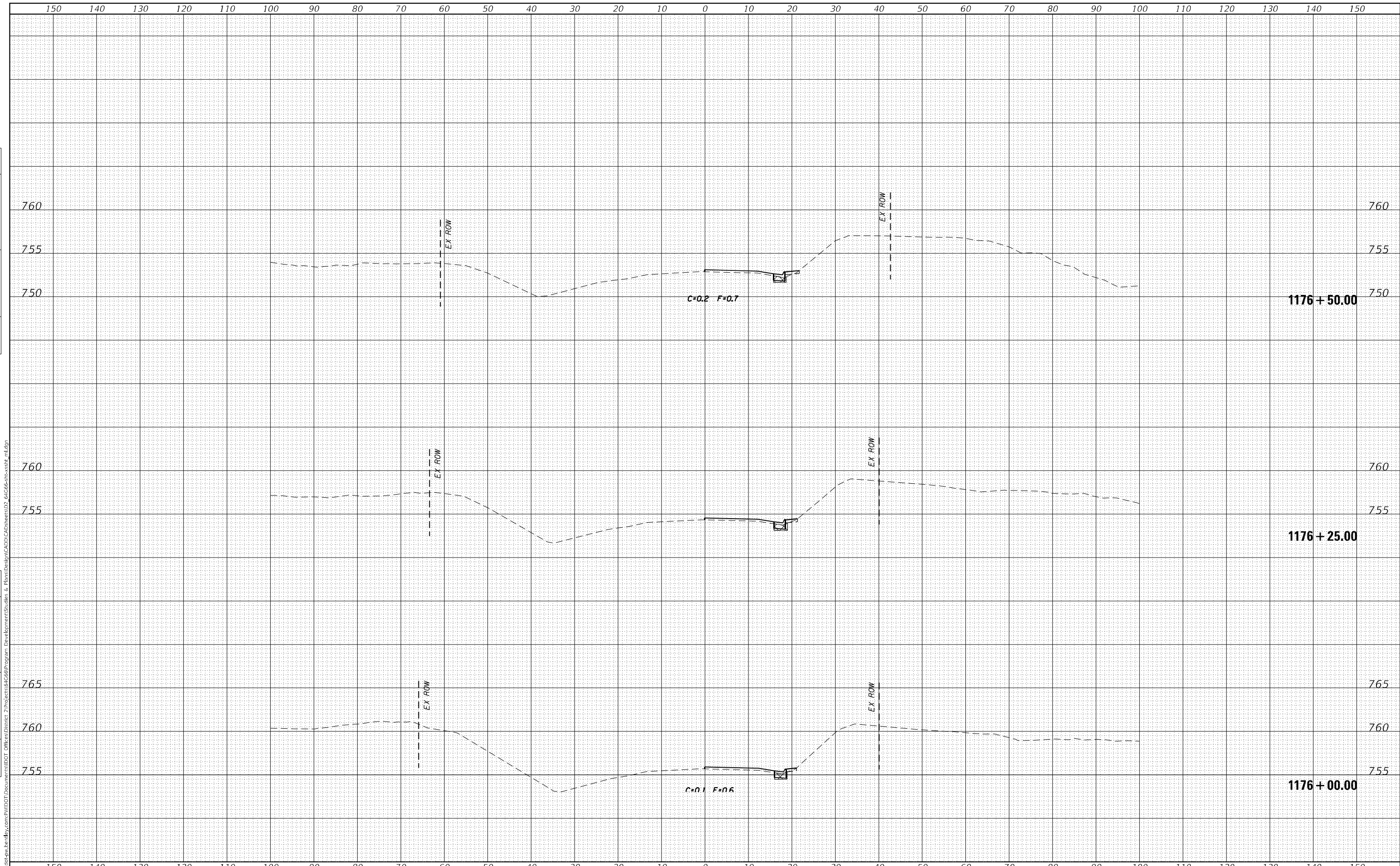
IL 78 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 1175+25.00 TO STA. 1175+75.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 175
			CONTRACT NO. 64G66	
ILLINOIS FED. AID PROJECT				

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

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

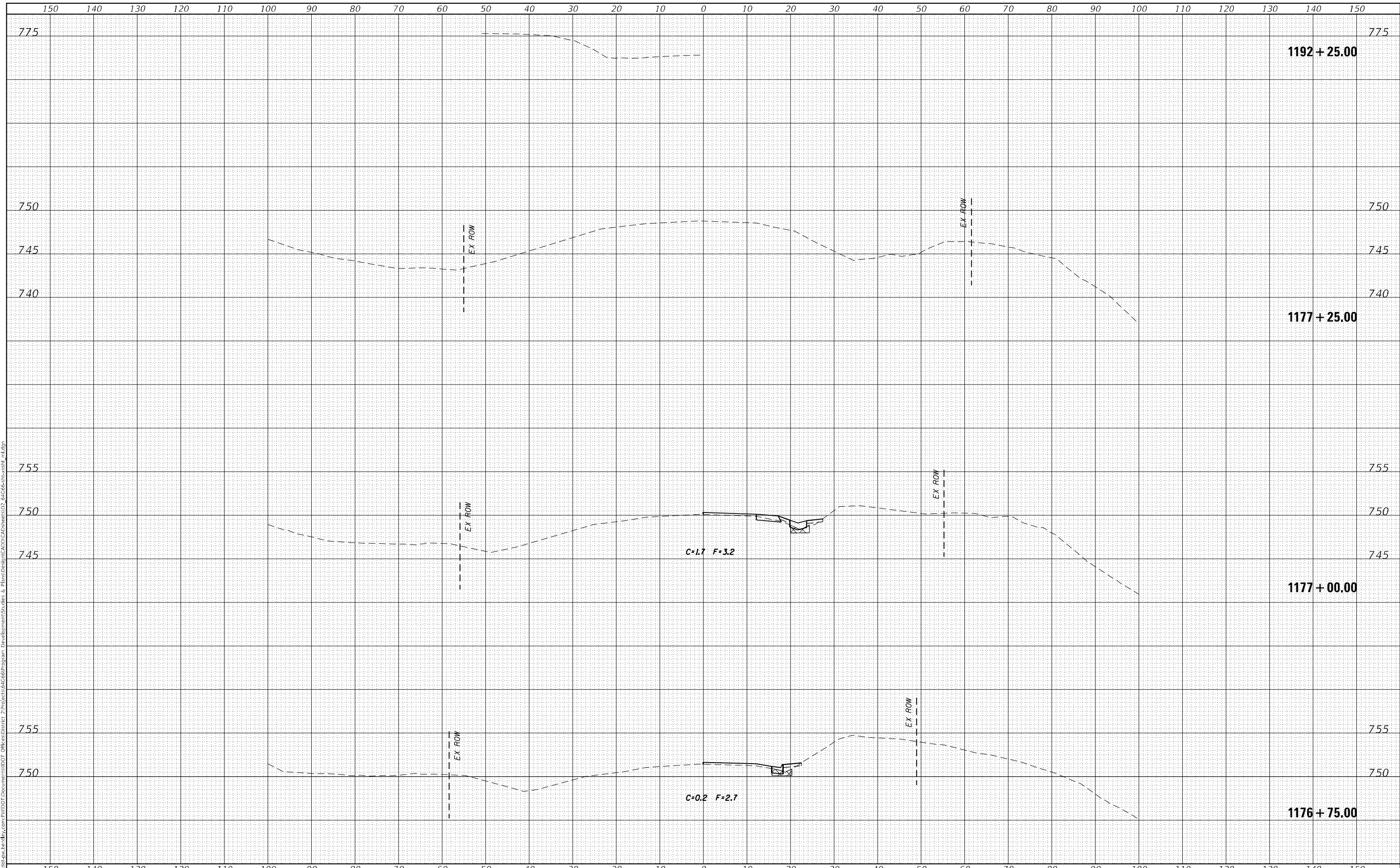


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	PLOT DATE = 8/26/2022	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. 1176+00.00 TO STA. 1176+50.00			CONTRACT NO. 64G66				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT							

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

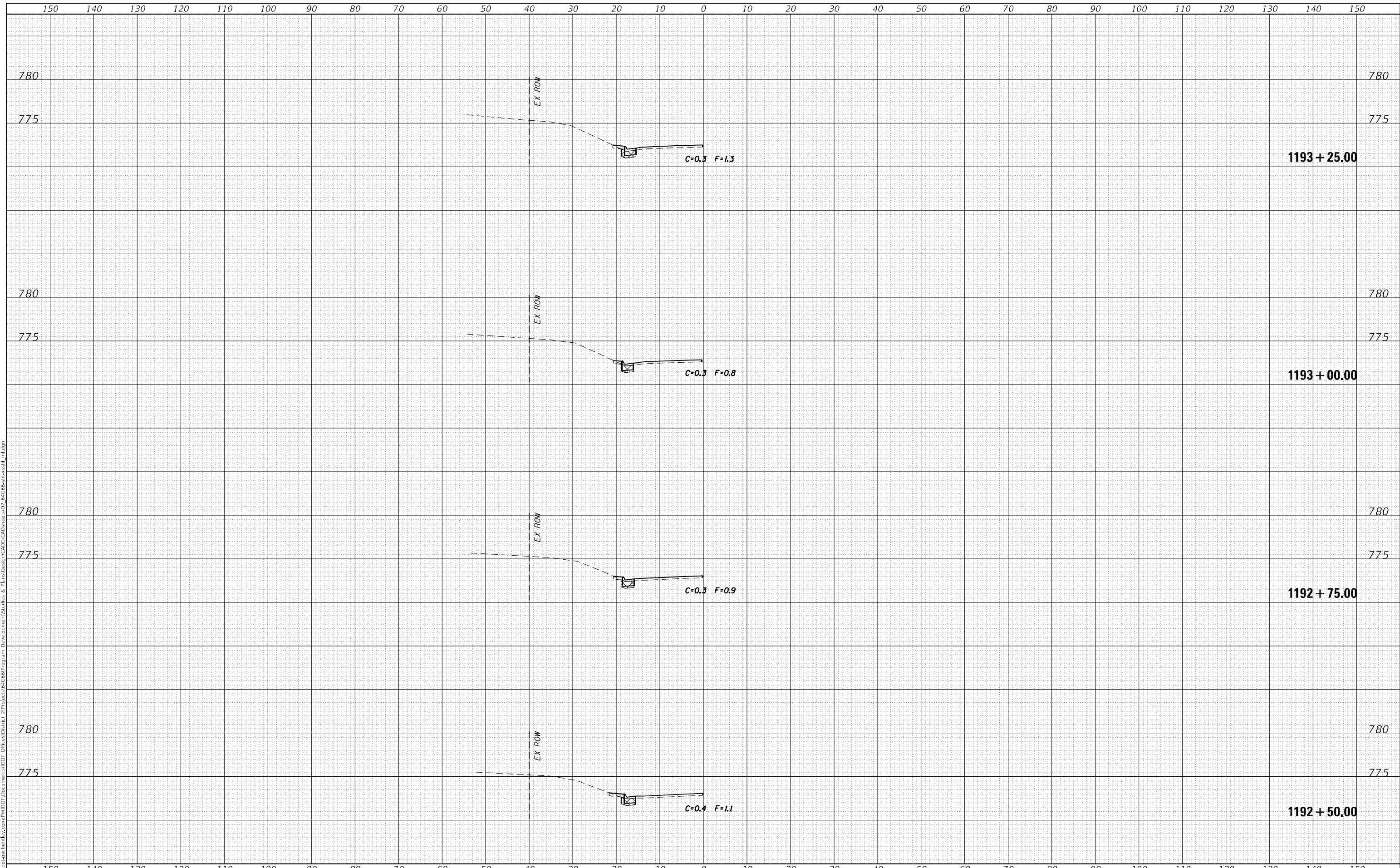
SCALE: SHEET OF SHEETS STA. 1176+75.00 TO STA. 1192+25.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 177
			CONTRACT NO. 64G66	
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

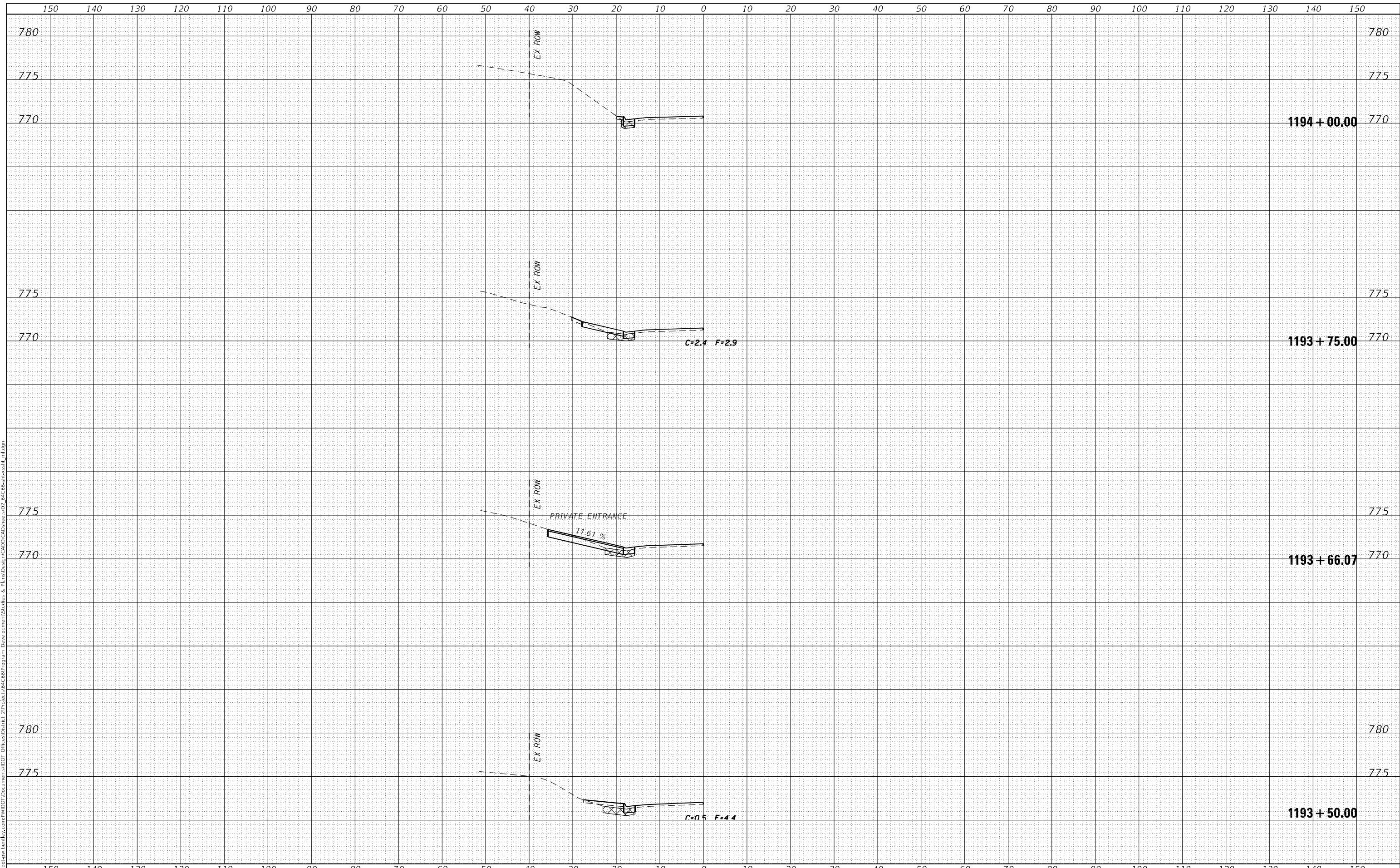
SCALE: SHEET OF SHEETS STA. 1192+50.00 TO STA. 1193+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	178
			CONTRACT NO. 64G66	
		ILLINOIS	FED. AID PROJECT	

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

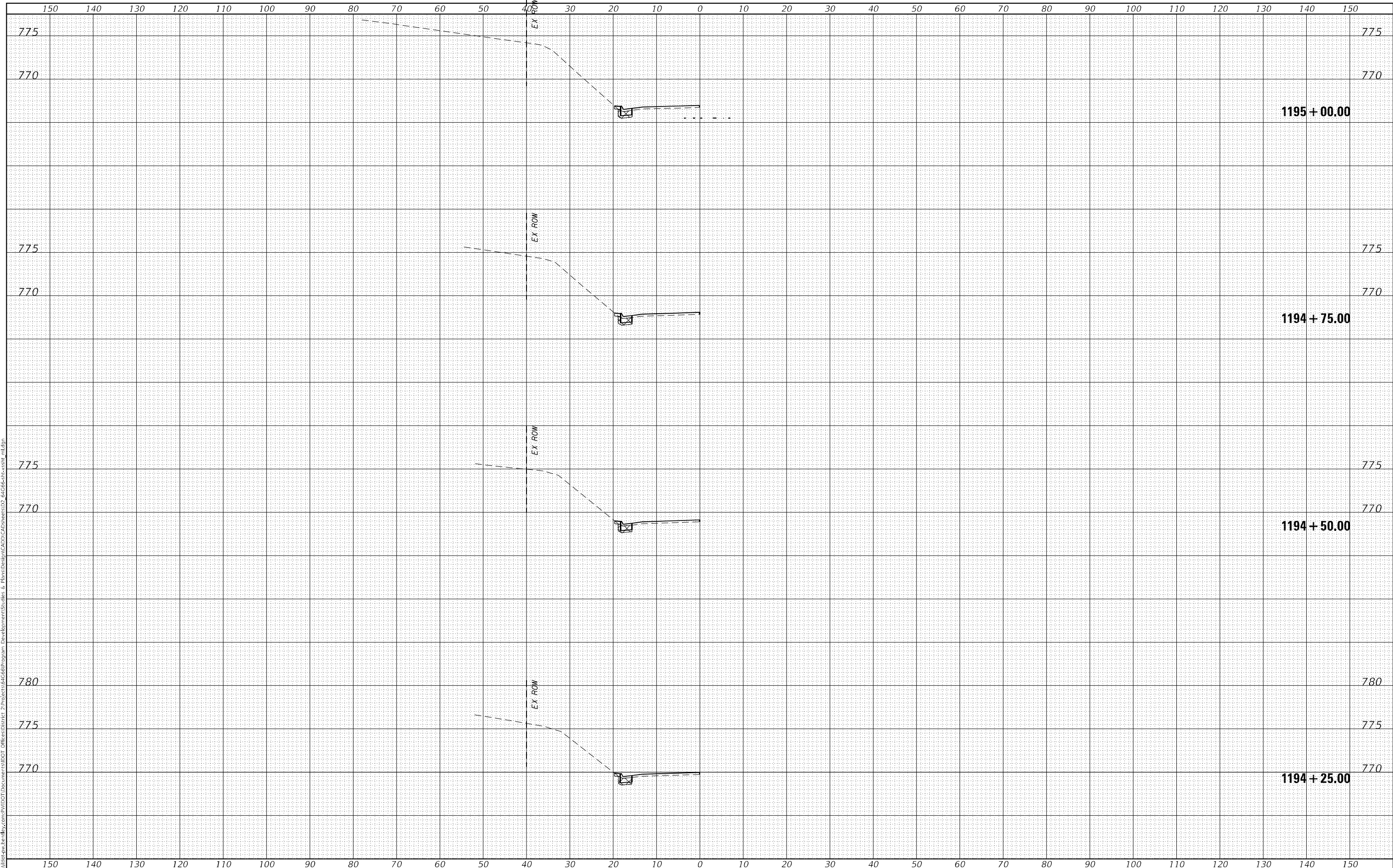
SCALE: SHEET OF SHEETS STA. 1193+50.00 TO STA. 1194+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	179
				CONTRACT NO. 64G66
				ILLINOIS FED. AID PROJECT

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

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

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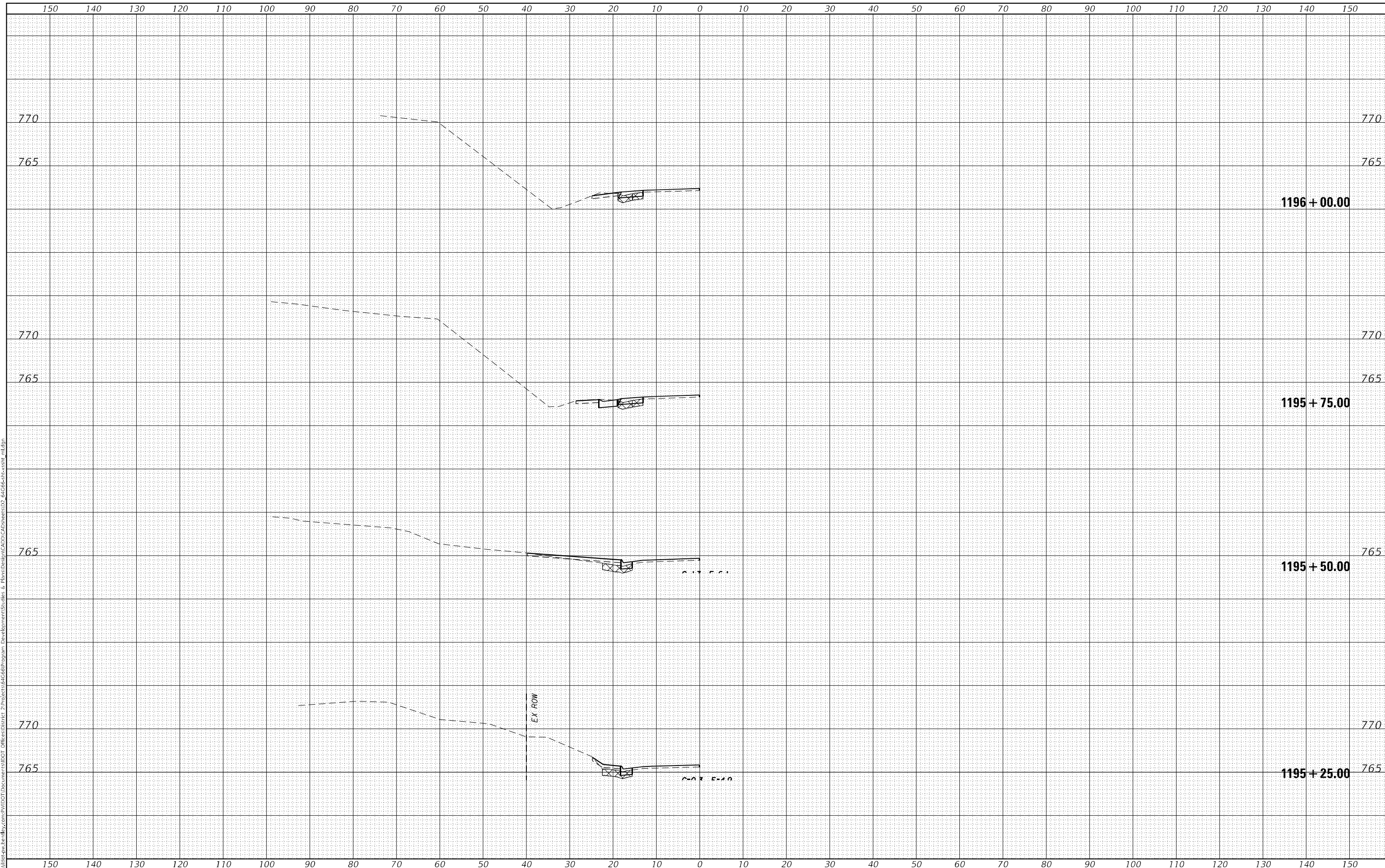
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	DRAWN -	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 1194+25.00 TO STA. 1195+00.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 180
			CONTRACT NO. 64G66	
ILLINOIS FED. AID PROJECT				



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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	BY
	TEMPLATE	
	AREAS CHECKED	

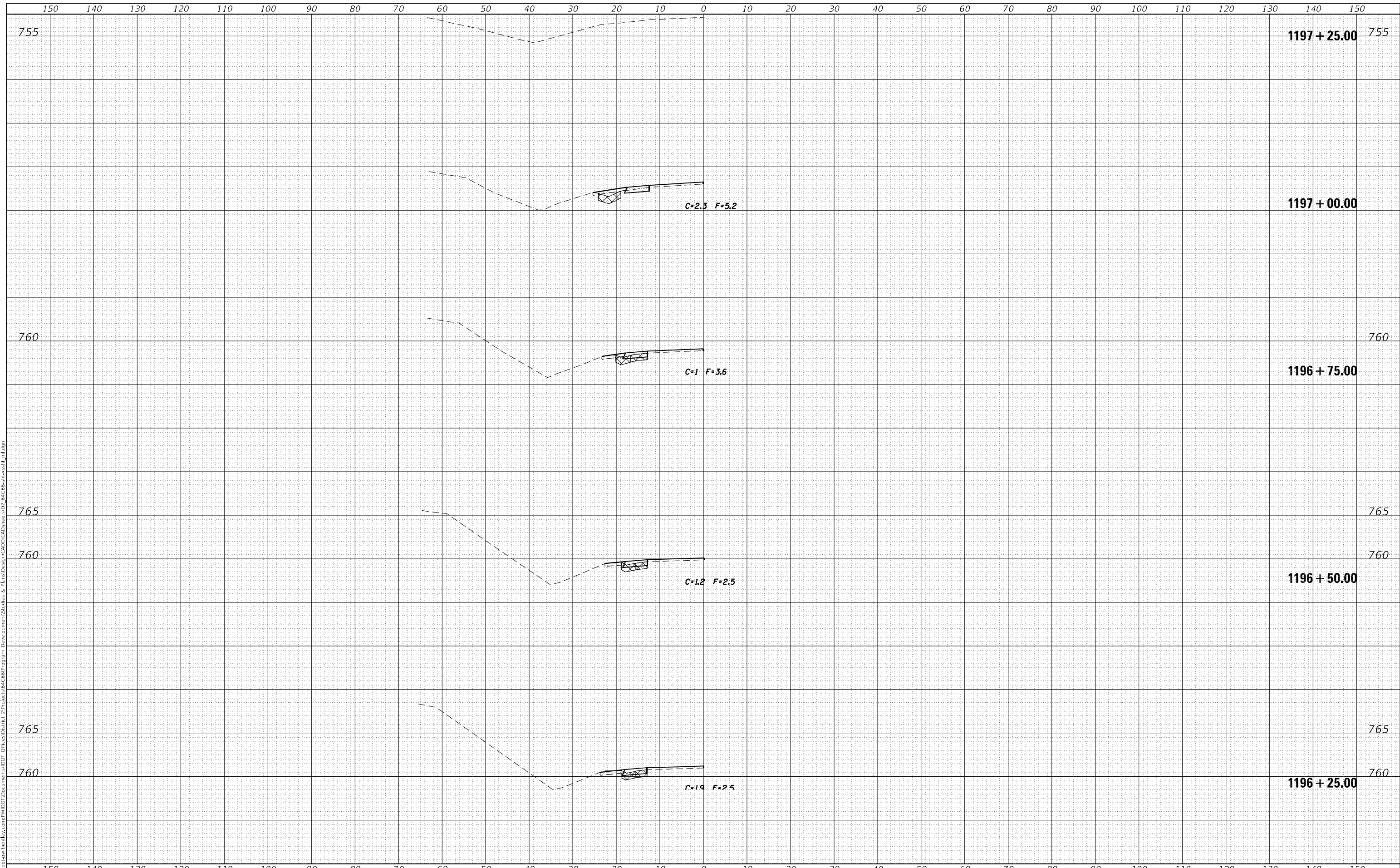
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USER NAME = james.hogenson	DESIGNED -	REVISIED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">IL 78 CROSS SECTIONS</p>			F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 181
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISIED -		SCALE:	SHEET	OF SHEETS	STA. 1195+25.00	TO STA. 1196+00.00	CONTRACT NO. 64G66		
PLOT DATE = 8/26/2022	DATE -	REVISIED -		ILLINOIS FED. AID PROJECT							

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

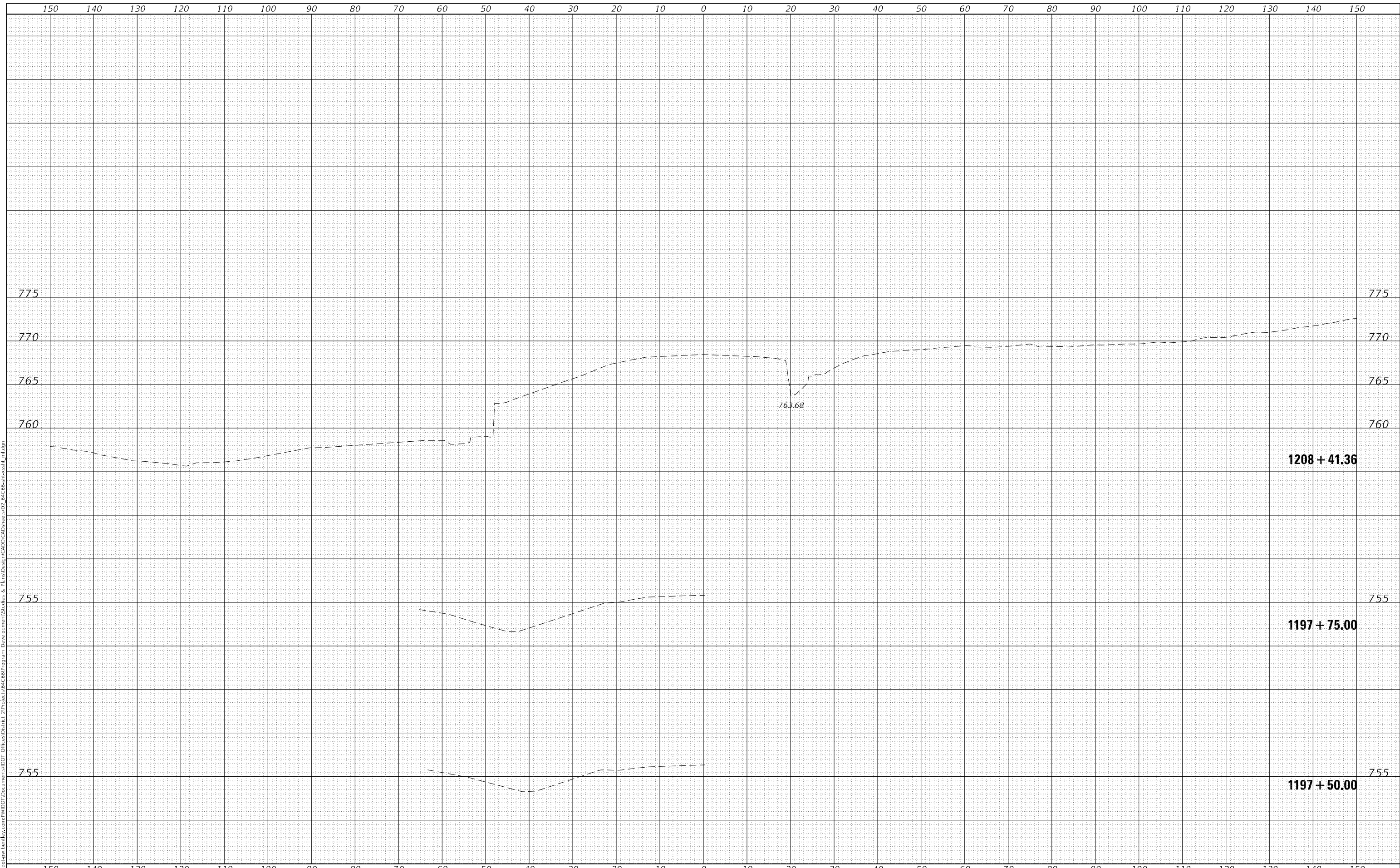
SCALE: SHEET OF SHEETS STA. 1196+25.00 TO STA. 1197+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	182
CONTRACT NO. 64G66				
ILLINOIS FED. AID PROJECT				

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

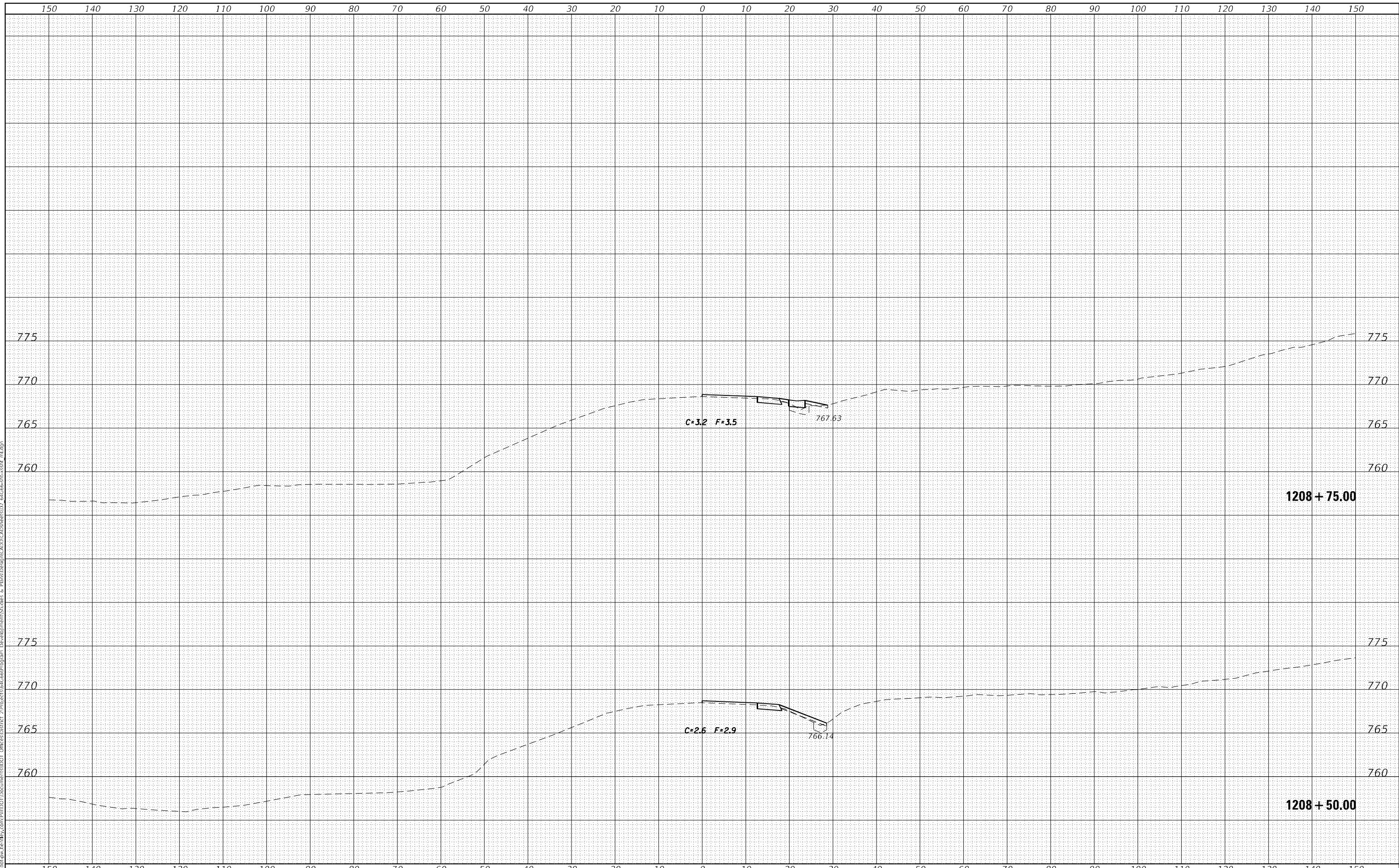
SCALE: SHEET OF SHEETS STA. 1197+50.00 TO STA. 1208+41.36

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	183
				CONTRACT NO. 64G66
				ILLINOIS FED. AID PROJECT

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

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

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 PROJECT: 1208+50.00
 DEVELOPER: JAMES.HOGANSON
 PROJECT CENTER: 1208+50.00

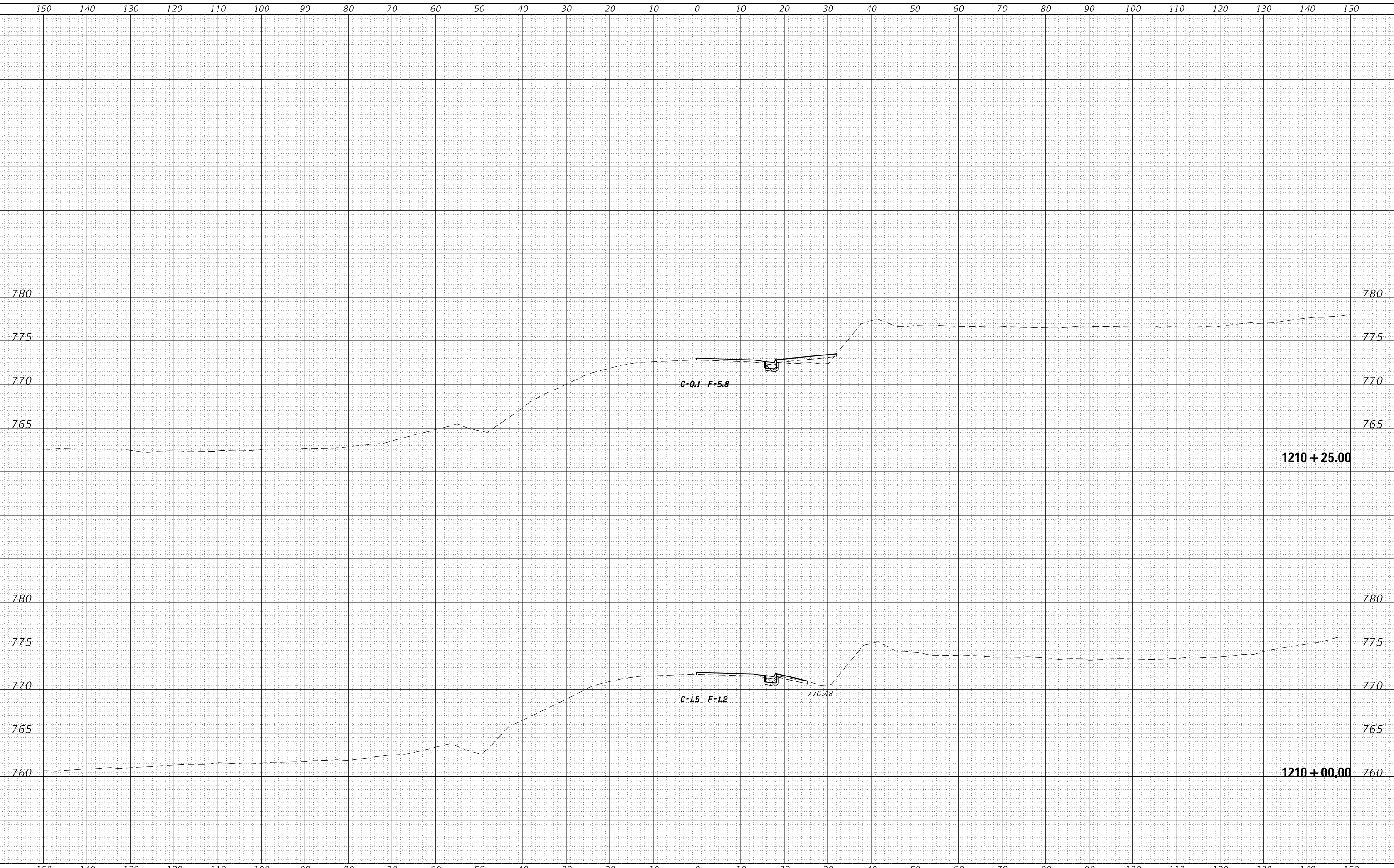


USER NAME = james.hoganson	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IL 78 CROSS SECTIONS				F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 184					
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISD -							SCALE:		SHEET	OF	SHEETS	STA. 1208+50.00	TO STA. 1208+75.00	CONTRACT NO. 64G66		
PLOT DATE = 8/26/2022	DATE -	REVISD -												ILLINOIS FED. AID PROJECT				

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

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

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 PROJECT: 110T&RS-3
 DEVELOPER: James.Hogenson



USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

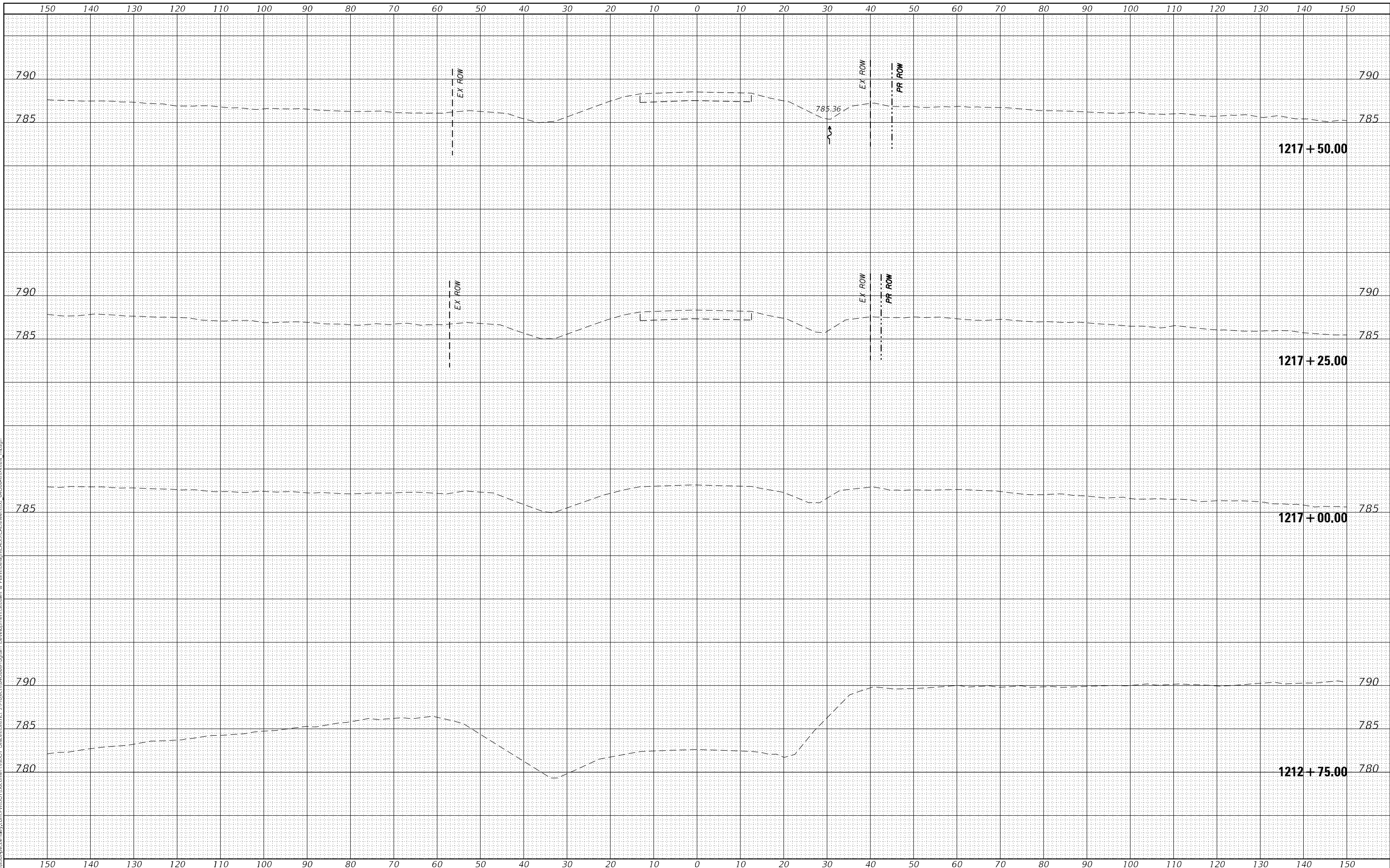
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	187
				CONTRACT NO. 64G66
		ILLINOIS	FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	BY
	TEMPLATE	
	AREAS CHECKED	

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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

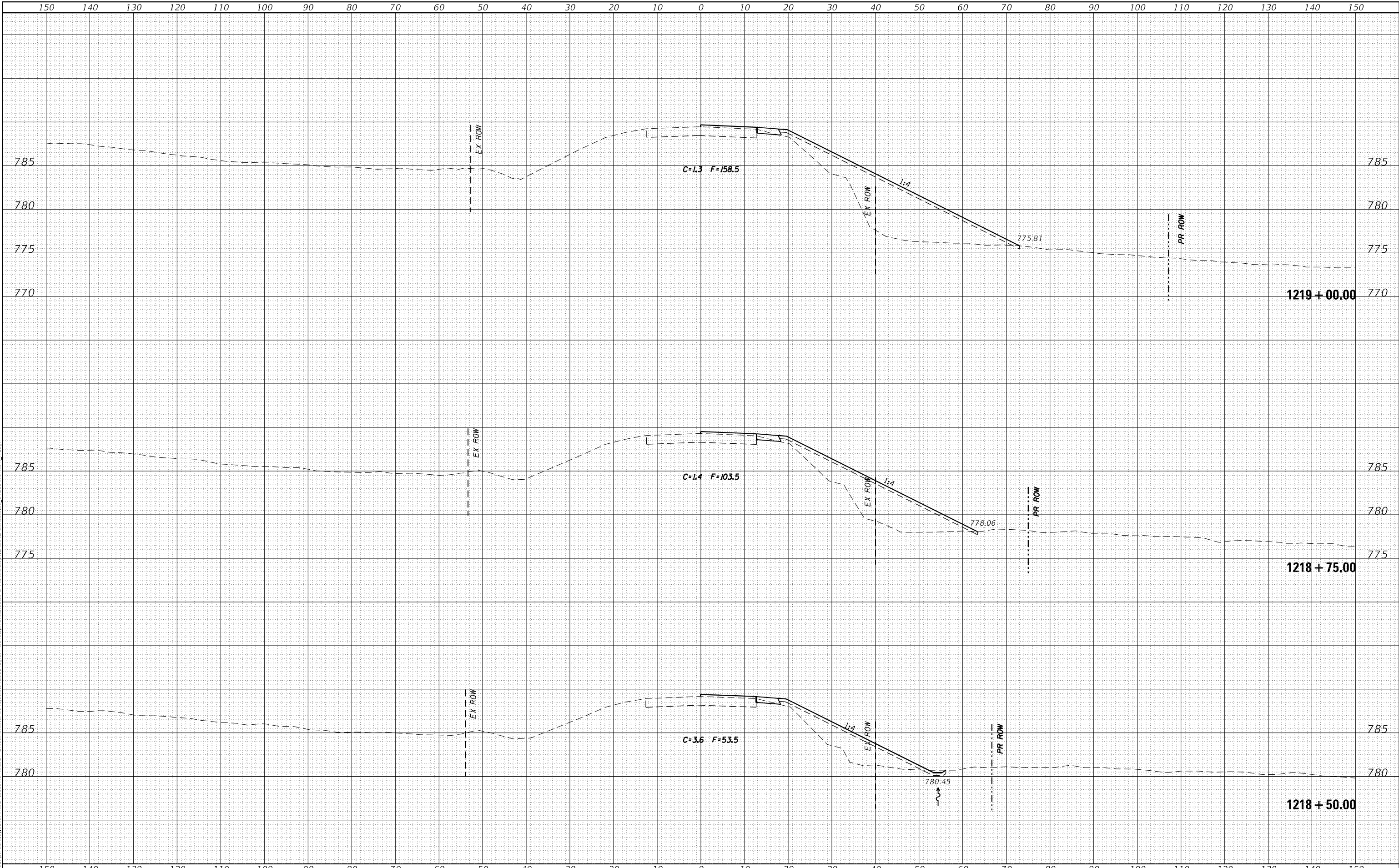
SCALE: SHEET OF SHEETS STA. 1212+75.00 TO STA. 1217+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	191
CONTRACT NO. 64G66				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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 PROJECT CENTER: 110T6RS-3
 DEVELOPER: JHogenson
 DATE: 8/26/2022



USER NAME = james.hogenson
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 * / in.
PLOT DATE = 8/26/2022

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

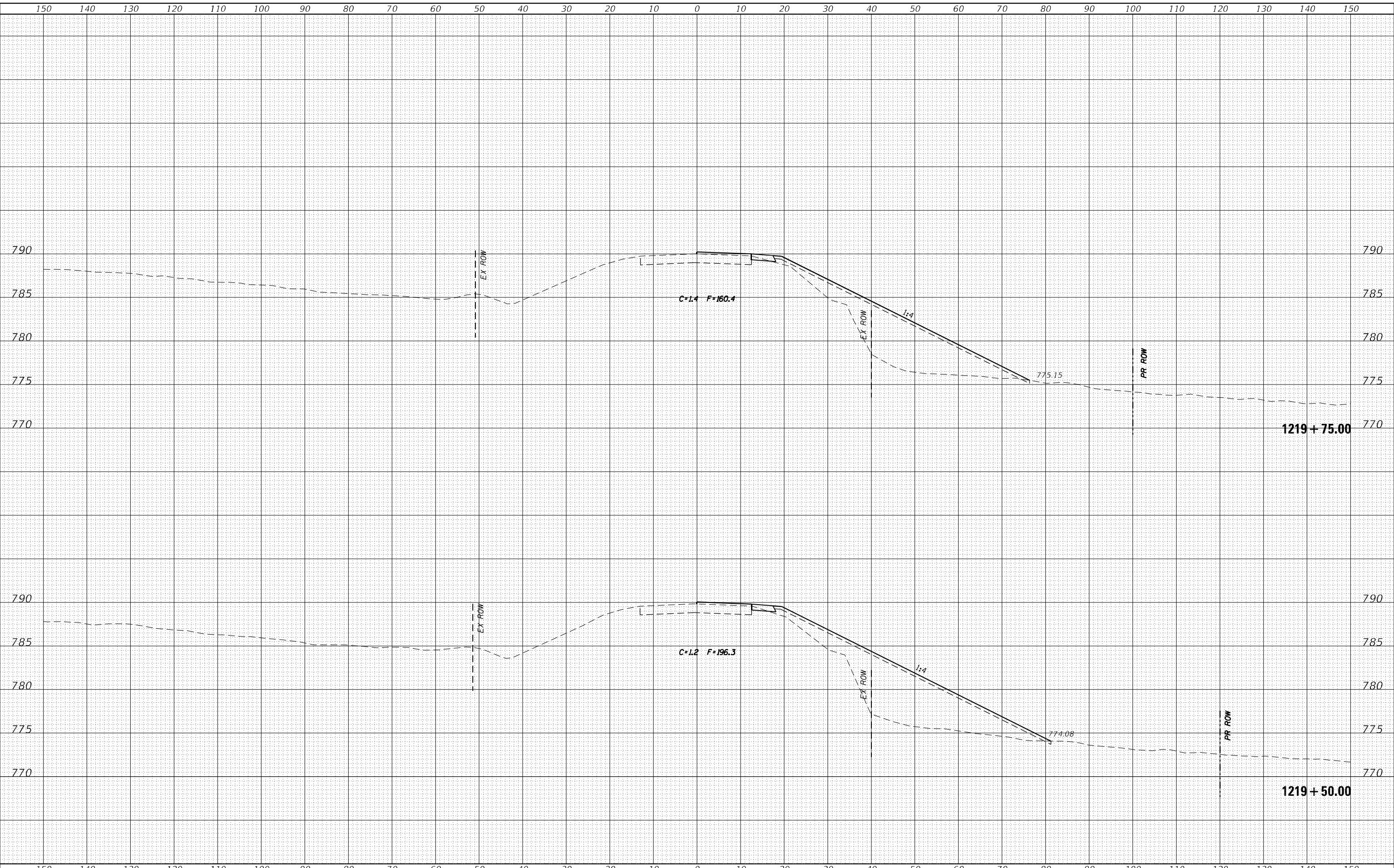
SCALE: SHEET OF SHEETS STA. 1218+50.00 TO STA. 1219+00.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 193
			CONTRACT NO. 64G66	
		ILLINOIS FED. AID PROJECT		

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISD -
PLOT DATE = 8/26/2022	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

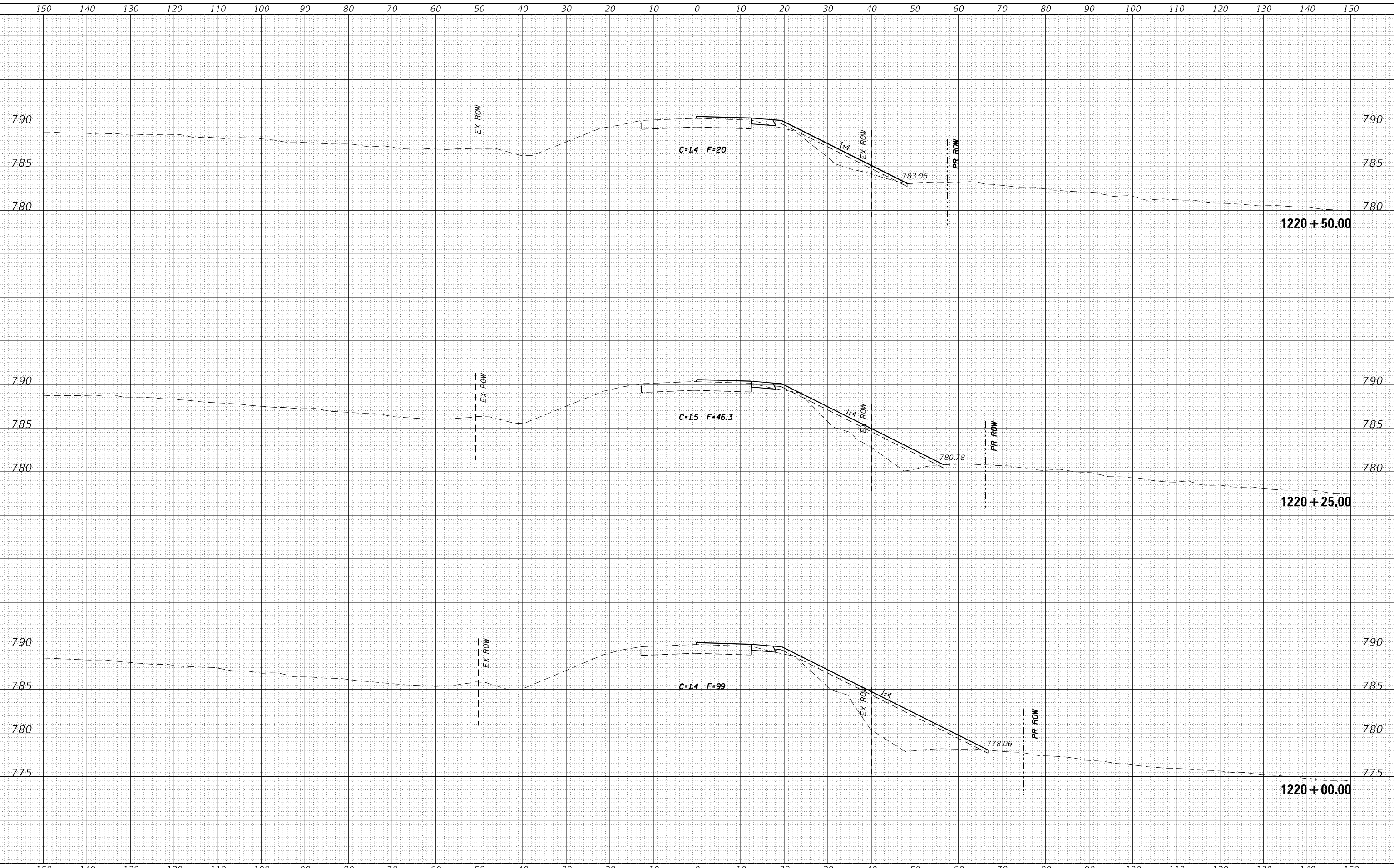
SCALE: SHEET OF SHEETS STA. 1219+50.00 TO STA. 1219+75.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 195
			CONTRACT NO. 64G66	
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,000 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

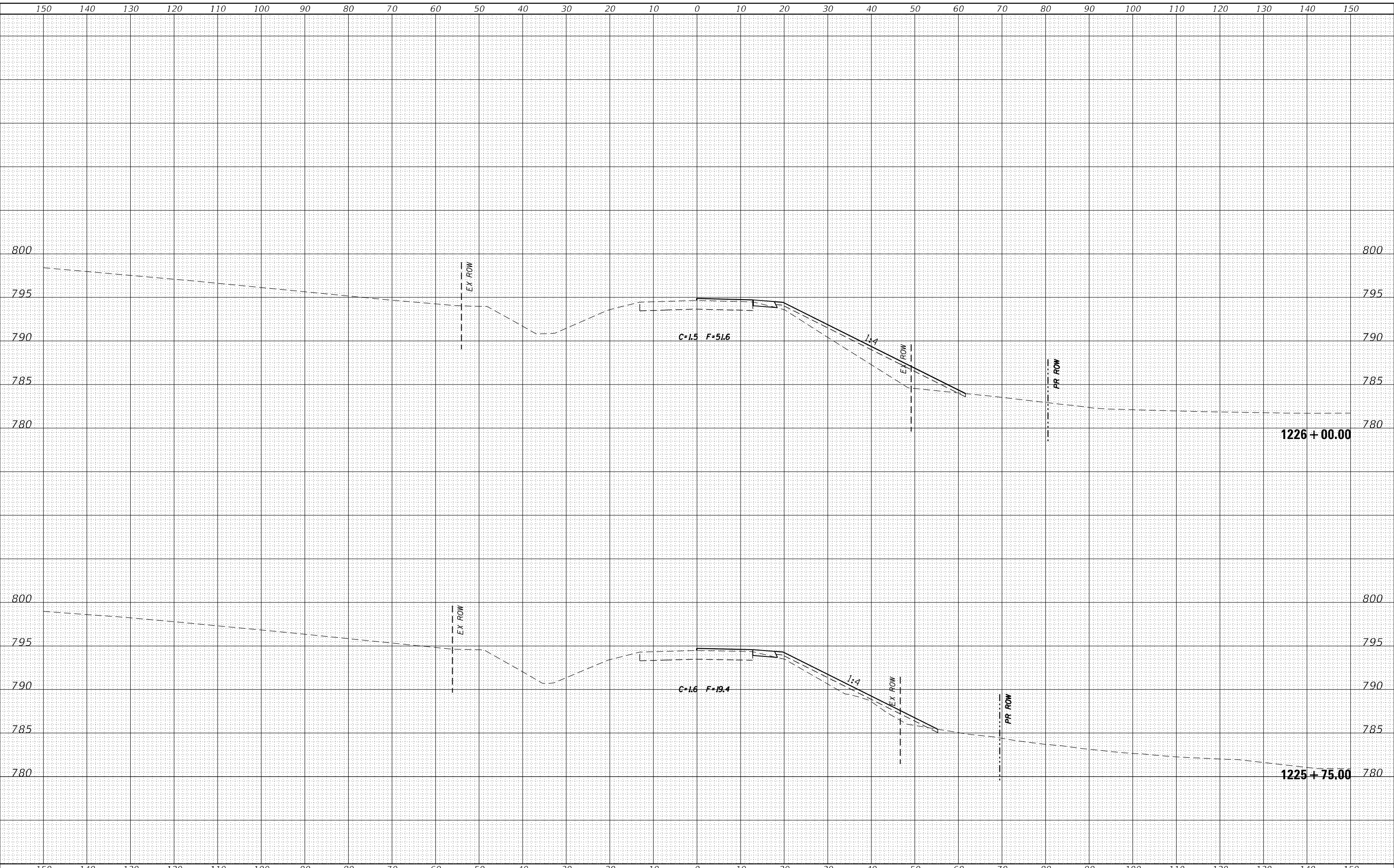
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	110T&RS-3	WHITESIDE	234	196
CONTRACT NO. 64G66				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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USER NAME = james.hogenson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 78 CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 1225+75.00 TO STA. 1226+00.00

F.A.P. RTE. 642	SECTION 110T&RS-3	COUNTY WHITESIDE	TOTAL SHEETS 234	SHEET NO. 199
			CONTRACT NO. 64G66	
ILLINOIS			FED. AID PROJECT	

