

For Information Only

DESIGN FOR
IDENTITY ELEMENT DETAILS
CABINET CUTOUT DETAILS
SCOTT COUNTY
 IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION
 DESIGN SHEET NO. 14 OF 17 FILE NO. 30253

DESIGN TEAM SHIVE HATTERY	SCOTT COUNTY	PROJECT NUMBER IM-074-1(206)5--13-82	SHEET NUMBER V.26
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 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-565-0450 Job No. 10061

FILE NAME = 64C08A-001-Identity Element Foundations 17 Sheets.dgn	USER NAME = ksnider	DESIGNED - SLD	REVISED -
MODEL: Raster 3 of 3	PLOT SCALE =	CHECKED - KMP	REVISED -
	PLOT DATE = 1/18/2017	DRAWN - RMG	REVISED -
		CHECKED - KMP	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

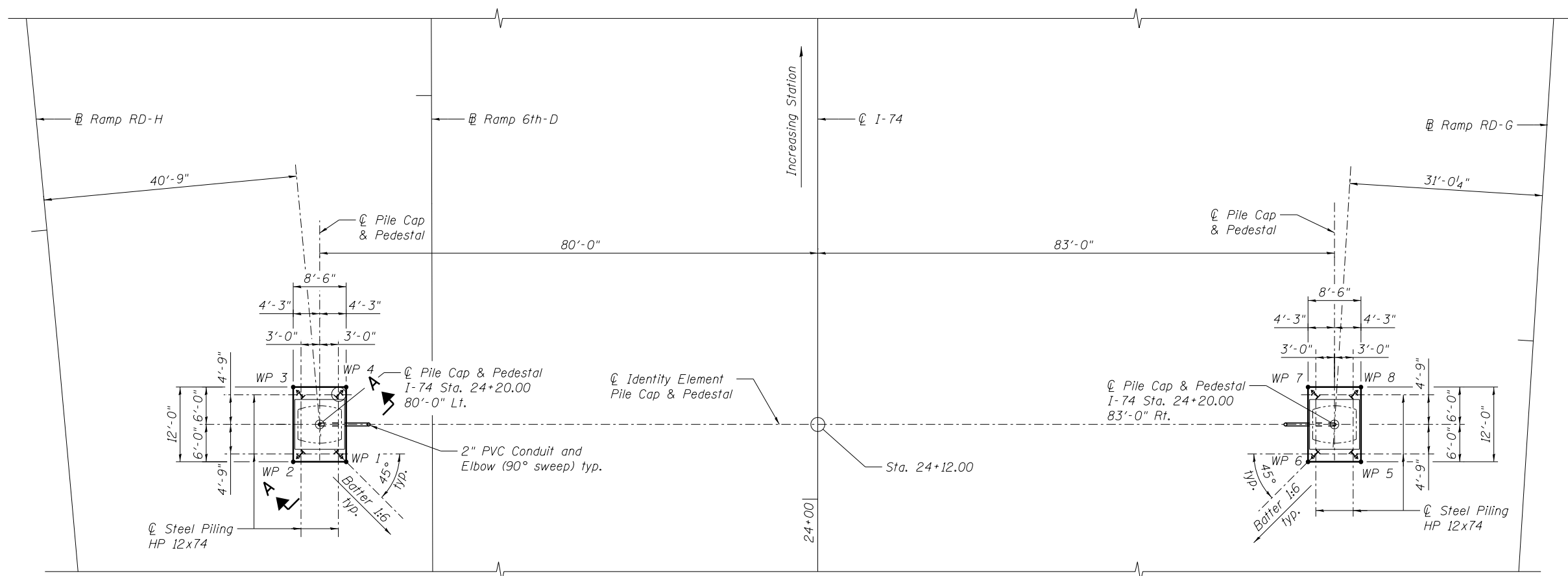
IDENTITY ELEMENT CUTOUT PATTERN

SHEET NO. 3 OF 13 SHEETS

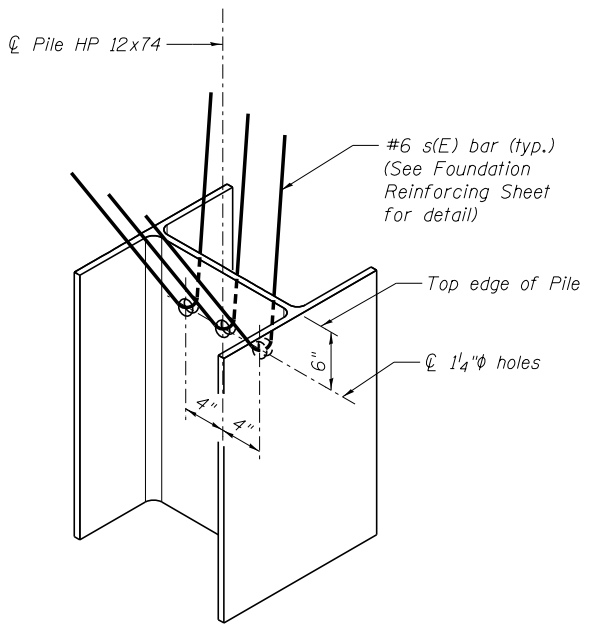
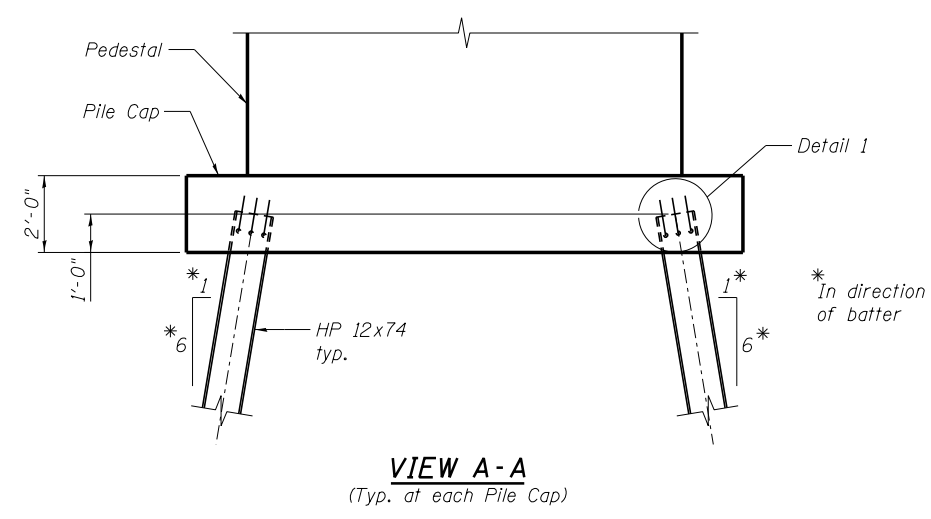
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1JR & 81-1HVBR)	ROCK ISLAND	1504	1201
				CONTRACT NO. 64C08

ILLINOIS FED. AID PROJECT

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FOUNDATION & PILE LAYOUT



Work Points

W.P.	I-74 Station	Offset
1	24+14.00	75.75' Lt.
2	24+14.00	84.25' Lt.
3	24+26.00	84.25' Lt.
4	24+26.00	75.75' Lt.
5	24+14.00	87.25' Rt.
6	24+14.00	78.75' Rt.
7	24+26.00	78.75' Rt.
8	24+26.00	87.25' Rt.

LEGEND

- Denotes Battered Pile 1H:6V
- Denotes Test Pile

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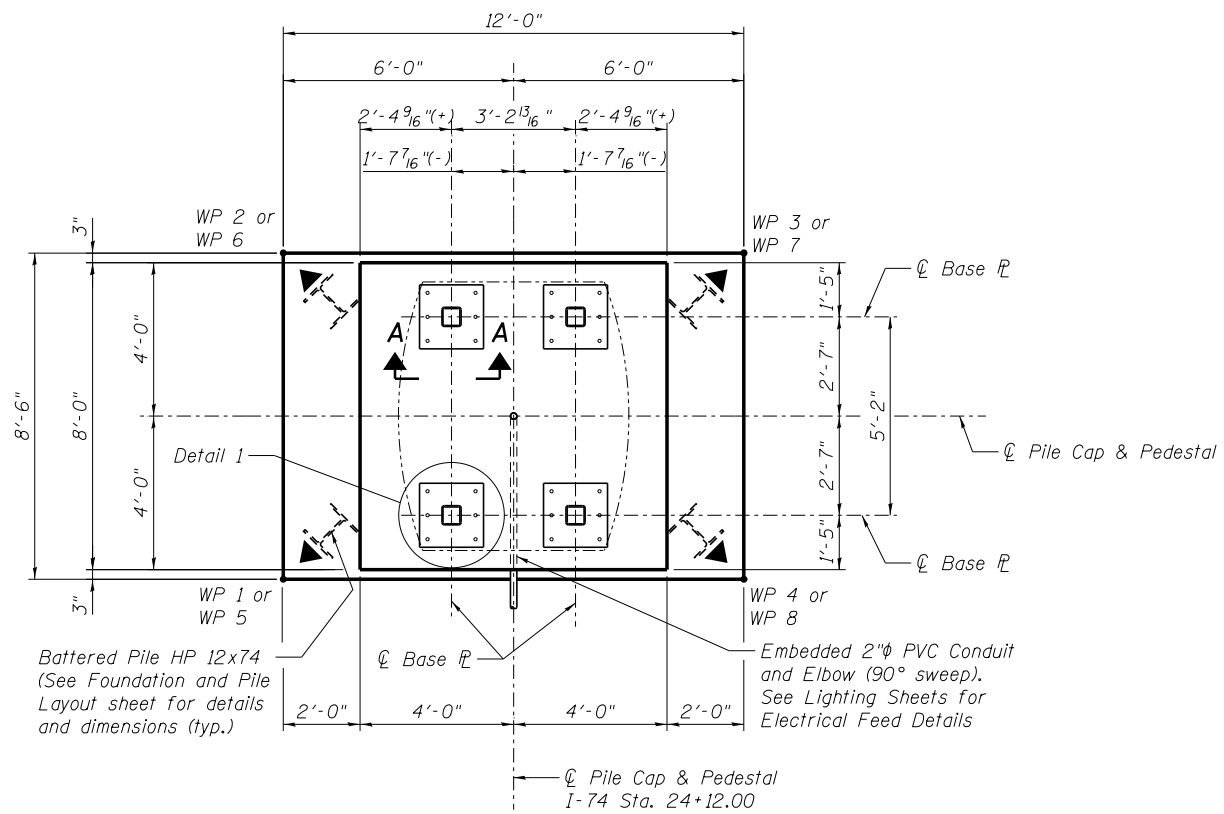
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FOUNDATION PLAN & PILE LAYOUT
RIVER CROSSING IDENTITY ELEMENT**

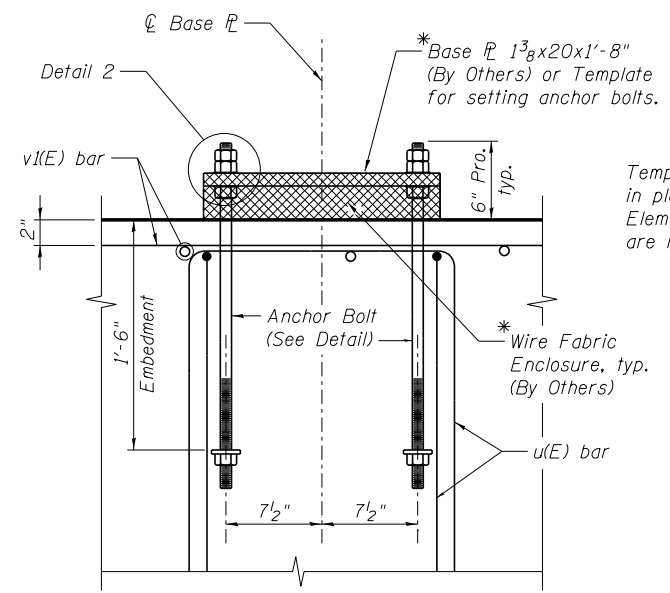
SHEET NO. 4 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1(HVBR)	ROCK ISLAND	1504	1202
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C08	

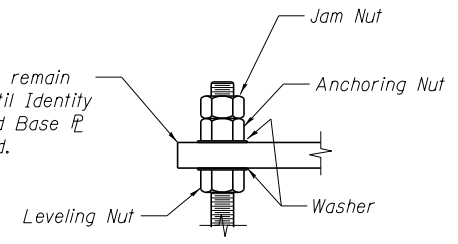
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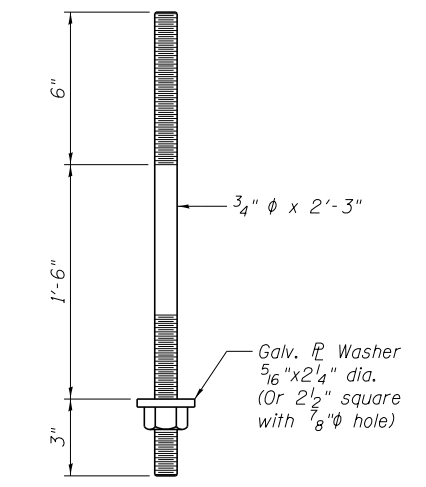
FOUNDATION PLAN
 (Typ. for 2 locations.
 See Foundation and Pile Layout Sheet
 (WB, at Offset 80' Rt.) (As Shown)
 (EB, at Offset 83' Rt.) (Opp. Hand)



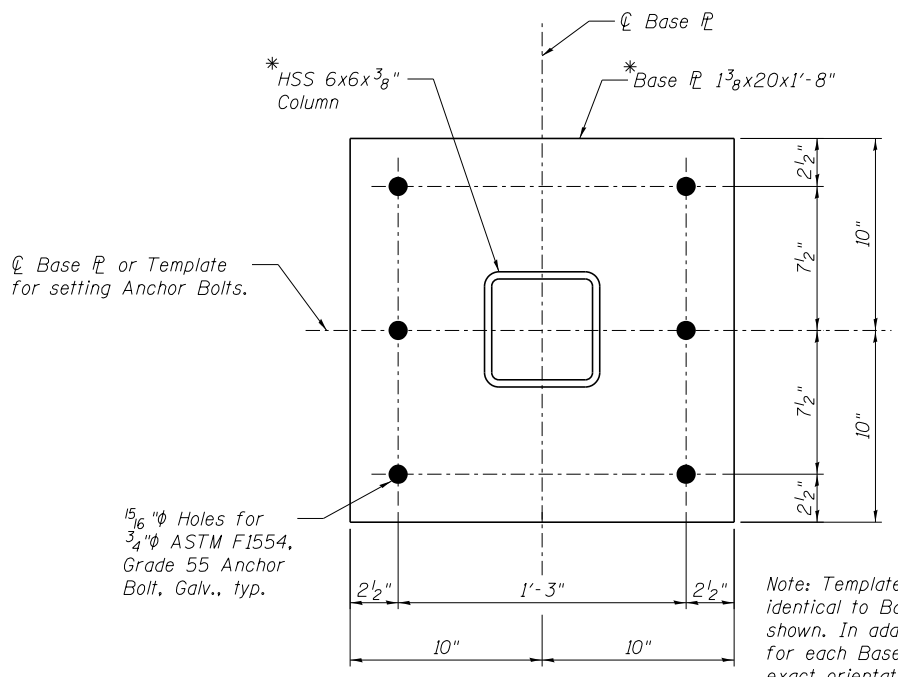
VIEW A-A
 (Typ. 4 locations, each Pedestal)



DETAIL 2



ANCHOR BOLT DETAIL



**DETAIL 1
 ANCHOR BOLT LAYOUT**

Note: Template geometry shall be identical to Base Pl geometry shown. In addition, each template for each Base Pl must be held in exact orientation and distance from each other, as shown in Foundation Plan.

NOTES:

1. Identity Element Foundation construction shall be coordinated with plug fill embankment placement so that foundation is constructed before the embankment is complete. Thus, no structure excavation and no temporary earth retention shall be required.
2. Anchor Bolts shall be 3/4" diameter ASTM, F1554, Grade 55. Anchor Bolts, nuts and washers shall conform to the requirements of the Standard Specifications.
3. Anchor Bolts, nuts and washers shall be hot dip galvanized according to AASHTO M232, Class C.
4. Base Plates, HSS Column and Wire Fabric are shown for Information Only. Base Plates and Wire Fabric material shall be included in Identity Element, to be constructed by Others.
5. Nuts and washers shall be hand-tightened on Anchor Bolt projections, for future use when Identity Elements are installed.
6. The Contractor shall take care to secure Anchor Bolts plumb and in the correct location. The Contractor shall leave the template, used to set the Anchor bolts, in place to protect the Anchor bolts until the Identity Element is installed by Others.
7. No field welding is permitted except as specified in the contract documents.
8. Work this sheet with Foundation Reinforcement Details sheet.
9. Reinforcement bars designated (E) shall be epoxy coated.

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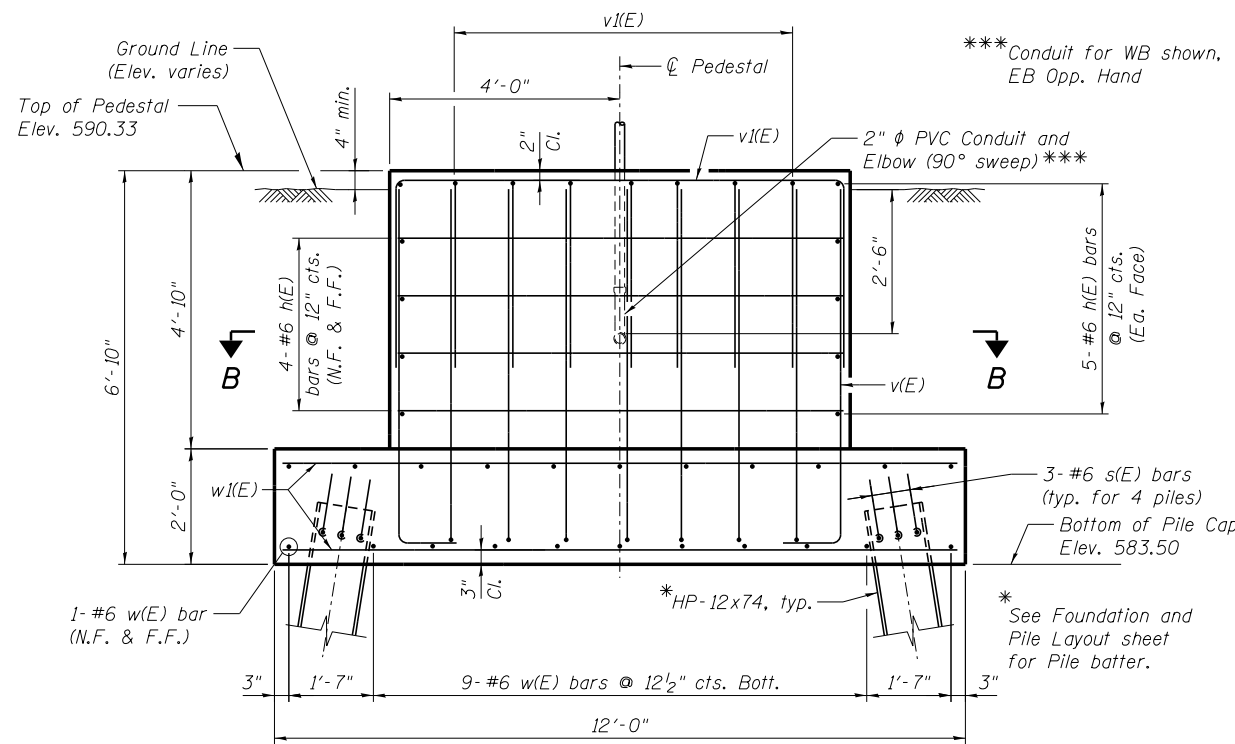
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FOUNDATION DETAILS
 RIVER CROSSING IDENTITY ELEMENT**

SHEET NO. 5 OF 13 SHEETS

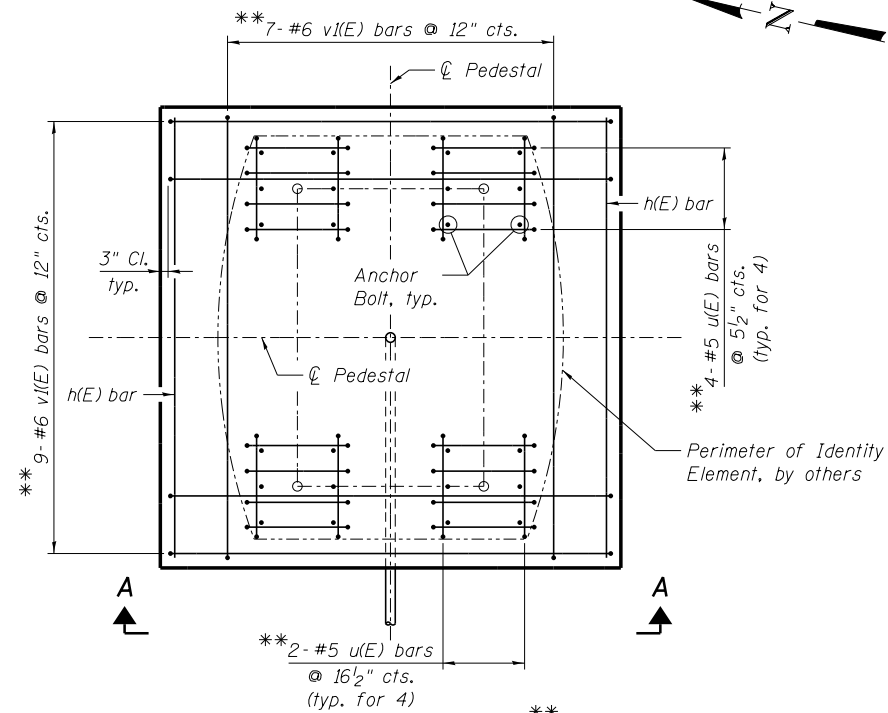
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74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	1203
				CONTRACT NO. 64C08
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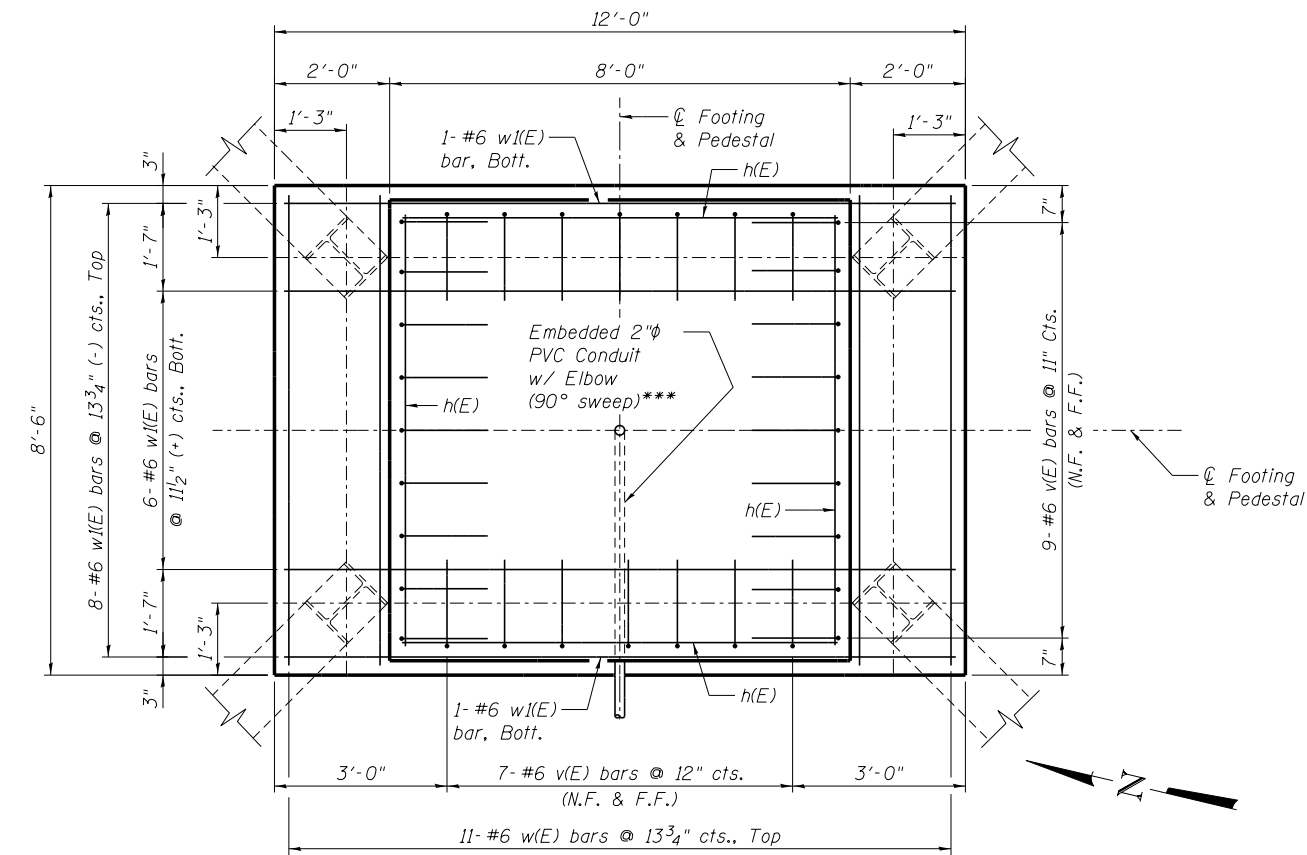
ELEVATION A-A
(Looking East)

Note: u(E) bars not shown for clarity.
See View A-A, Sheet 2.

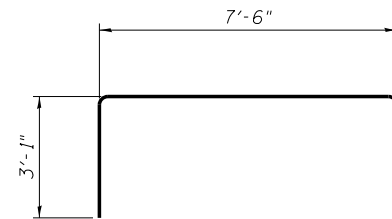


TOP PLAN

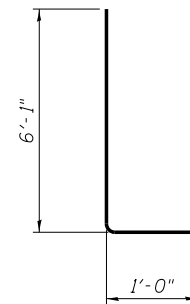
** Adjust reinforcing as req'd. to miss Anchor Bolts.



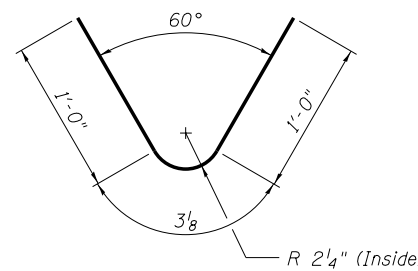
SECTION B-B



BAR v(E)



BAR v(E)



BAR s(E)

**BILL OF MATERIAL
FOR TWO FOUNDATIONS**

Bar	No.	Size	Length	Shape	
h(E)	36	#6	7'-6"	U	
s(E)	24	#6	2'-4"	V	
u(E)	48	#5	7'-2"	U	
v(E)	64	#6	7'-1"	U	
v(E)	32	#6	13'-8"	U	
w(E)	44	#6	8'-0"	U	
w(E)	32	#6	11'-6"	U	
Concrete Structures				Cu. Yd.	38
Anchor Bolts, 3/4" φ				Each	48
Reinforcement Bars, Epoxy Coated				Pound	3270
Pile Shoes				Each	8
Furnishing Steel Piles HP 12x74				Foot	266
Driving Piles				Foot	266
Test Pile Steel HP 12x74				Each	1

BAR u(E)

PILE DATA

Type: HP 12x74 with pile shoes
Nominal Required Bearing: 293 kips
Factored Resistance Available: 161 kips
Est. Length: 38 feet
No. Production Piles: 7
No. Test Piles: 1

See Sheet 5 of 13 for notes.



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REVISED -

PLOT SCALE =

PLotted DATE = 1/18/2017

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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

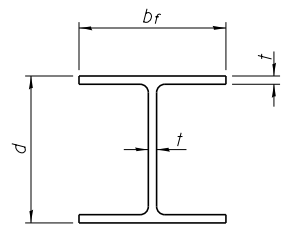
**FOUNDATION REINFORCEMENT DETAILS
RIVER CROSSING IDENTITY ELEMENTS**

SHEET NO. 6 OF 13 SHEETS

F.A.I. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVB)	ROCK ISLAND	1504	1204
CONTRACT NO. 64C08				

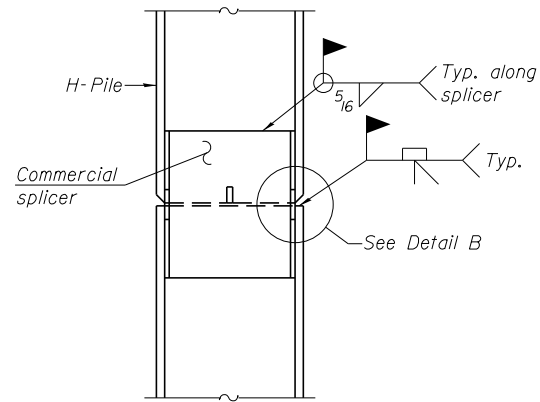
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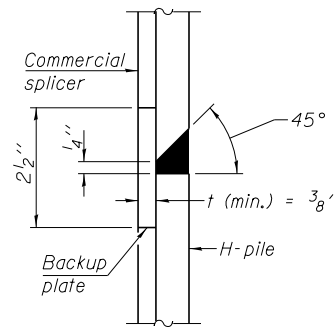


STEEL PILE TABLE

Designation	Depth d	Flange width br	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	13/16"	30"
x102	14"	14 3/4"	1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"

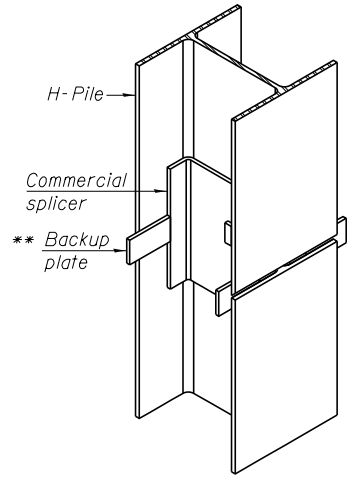


ELEVATION

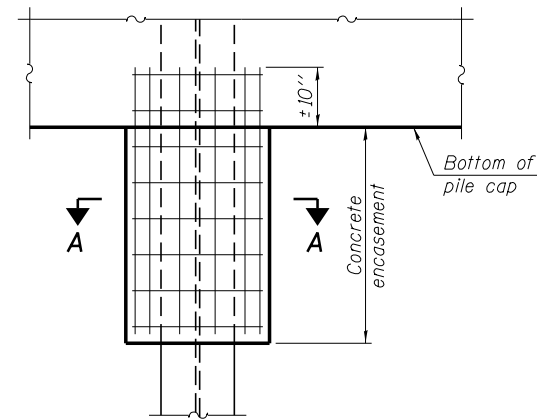


DETAIL "B"

WELDED COMMERCIAL SPLICE

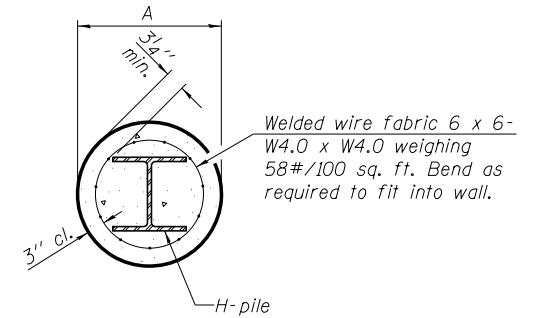


ISOMETRIC VIEW



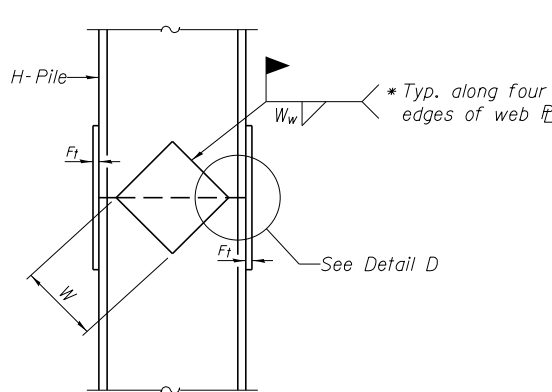
ELEVATION

PILE ENCASEMENT

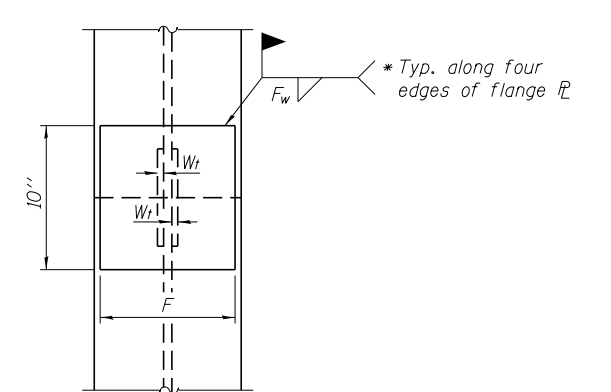


SECTION A-A

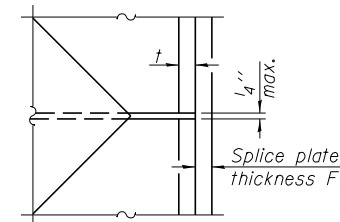
Note:
Forms for encasement may be omitted when soil conditions permit.



ELEVATION



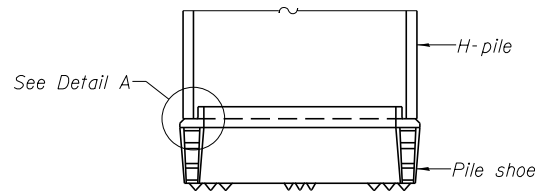
END VIEW



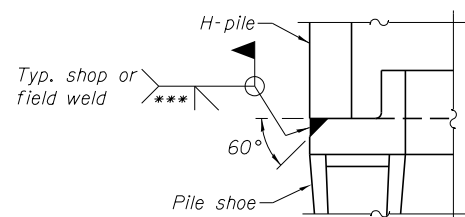
DETAIL D

WELDED PLATE FIELD SPLICE

Designation	F	F _t	F _w	W	W _t	W _w
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5 1/2"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5 1/2"	1/2"
x89	12 1/2"	3/4"	1/16"	7 3/4"	5 1/2"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5 1/2"	1/2"
HP 12x84	10"	7/8"	1/16"	6 1/2"	5 1/2"	1/2"
x74	10"	7/8"	1/16"	6 1/2"	5 1/2"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

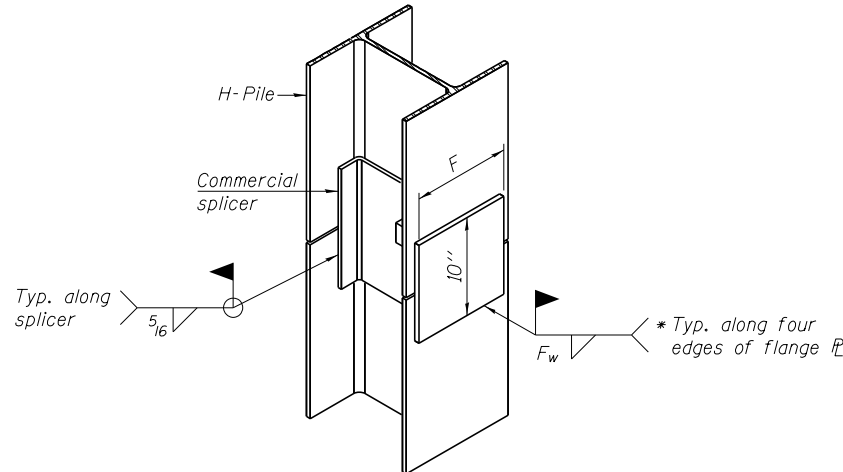


ELEVATION



DETAIL A

H-PILE SHOE ATTACHMENT



ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.

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F-HP 1-27-12

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64C084A-001-Identity Element Foundations 17 Sheets.dgn	ksnyder	SLD	-
		KMP	-
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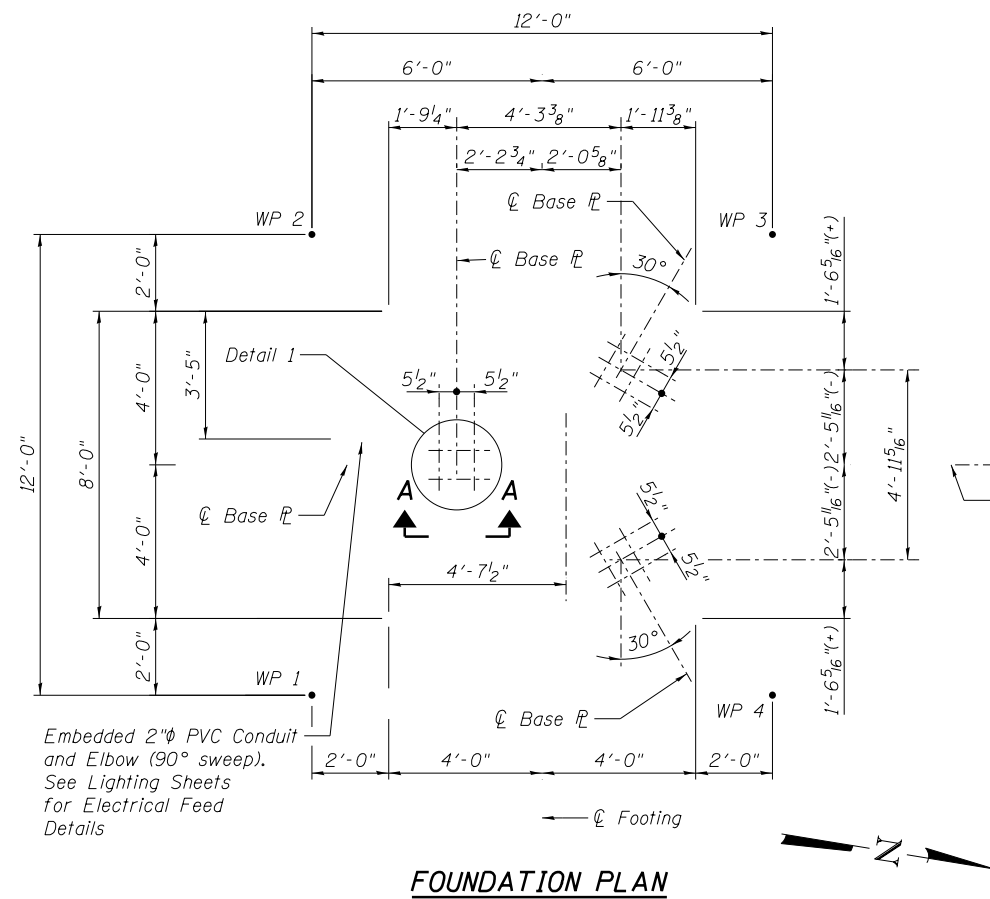
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HP PILE DETAILS
RIVER CROSSING IDENTITY ELEMENT**

SHEET NO. 7 OF 13 SHEETS

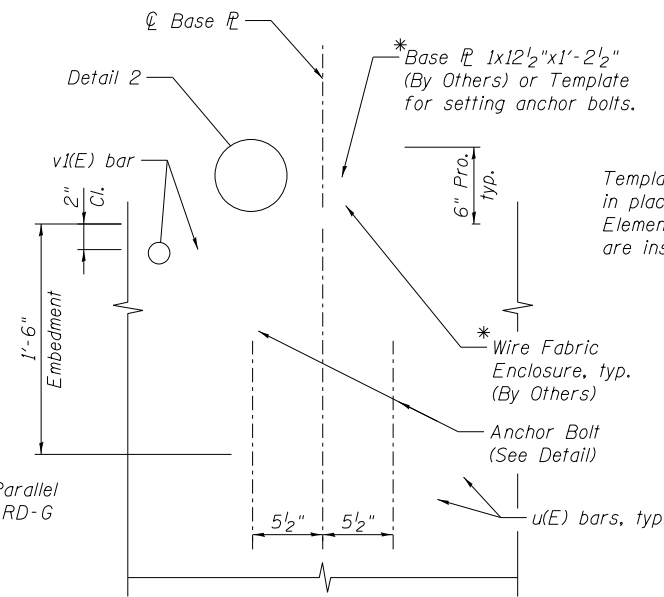
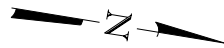
F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1(HVBR)	ROCK ISLAND	1504	1205
				CONTRACT NO. 64C08
ILLINOIS FED. AID PROJECT				

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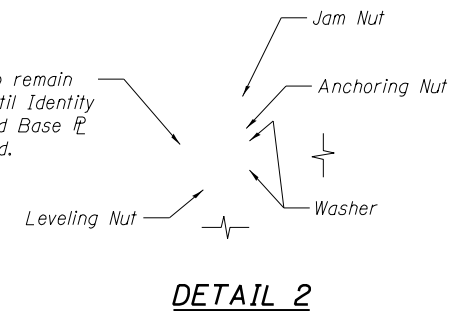


FOUNDATION PLAN

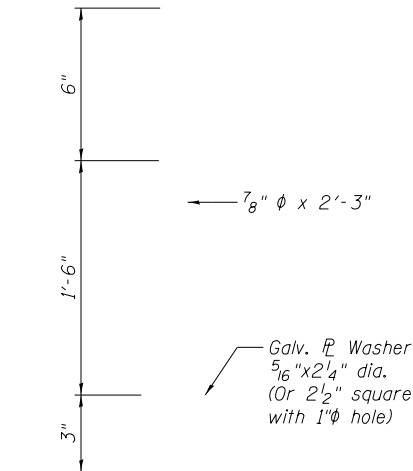
Embedded 2"φ PVC Conduit and Elbow (90° sweep). See Lighting Sheets for Electrical Feed Details



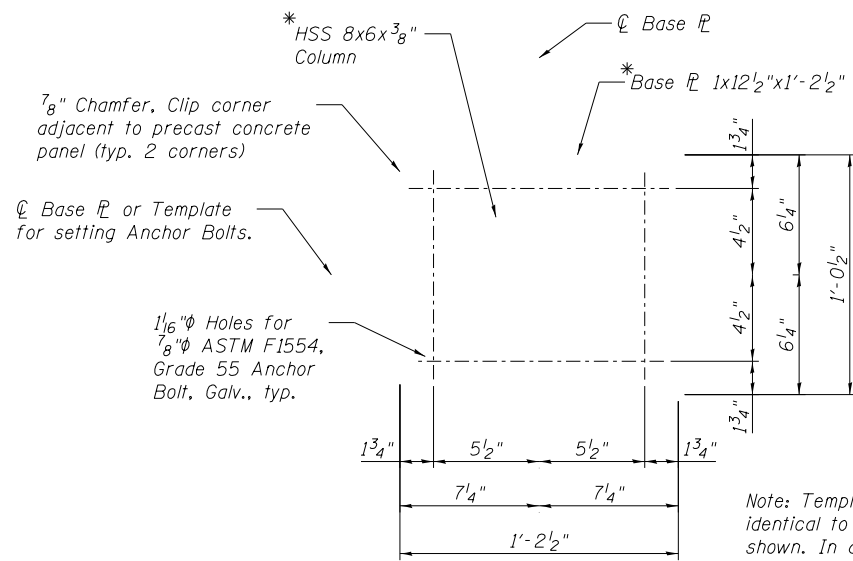
VIEW A-A
(Typ. for 3 locations)



DETAIL 2

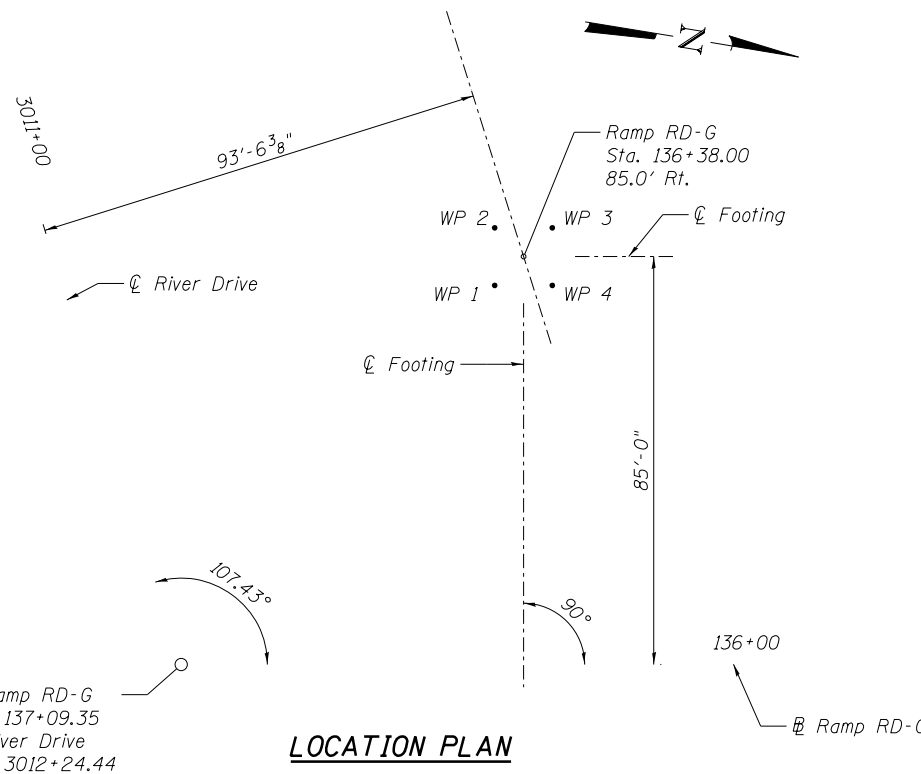


ANCHOR BOLT DETAIL



DETAIL 1
ANCHOR BOLT LAYOUT

Note: Template geometry shall be identical to Base Pl geometry shown. In addition, each template for each Base Pl must be held in exact orientation and distance from each other, as shown in Foundation Plan.



LOCATION PLAN

Work Points

W.P.	Station	Offset
1	136+44.00	79.00' Rt.
2	136+44.00	91.00' Rt.
3	136+32.00	91.00' Rt.
4	136+32.00	79.00' Rt.

Based on Ramp RD-G

NOTES:

- Anchor Bolts shall be 7/8"φ ASTM, F1554, Grade 55. Anchor Bolts, nuts and washers shall conform to the requirements of the Standard Specifications.
- Anchor Bolts, nuts and washers shall be hot dip galvanized according to AASHTO M232, Class C.
- Base Plates, HSS Column and Wire Fabric are shown for Information Only. Base Plates and Wire Fabric material shall be included in Identity Element, to be constructed by Others.
- Nuts and washers shall be hand-tightened on Anchor Bolt projections, for future use when Identity Elements are installed.
- The Contractor shall take care to secure Anchor Bolts plumb and in the correct location. The Contractor shall leave the template, used to set the Anchor bolts, in place to protect the Anchor bolts until the Identity Element is installed by Others.
- The maximum applied service bearing pressure is 2.3 ksf.
- Work this sheet with Foundation Reinforcement Details sheet.
- Reinforcement bars designated (E) shall be epoxy coated.



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MODEL: Default	PLOT SCALE =	CHECKED - KMP	REVISED -
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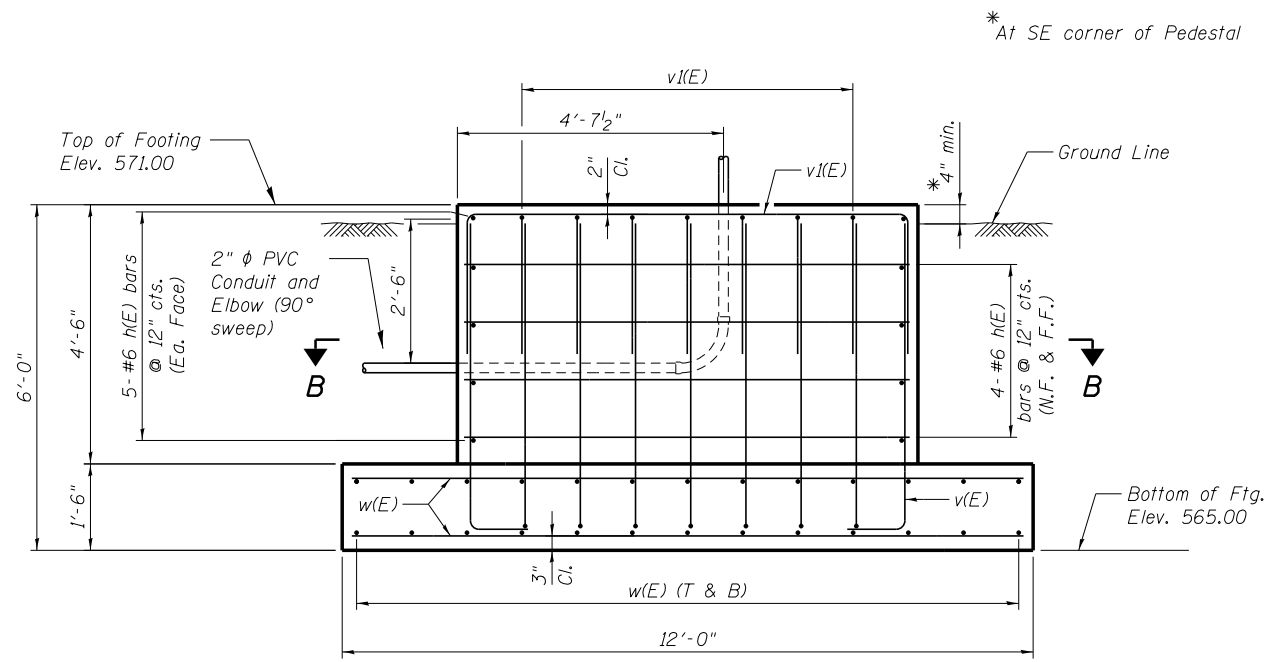
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FOUNDATION DETAILS
NEIGHBORHOOD IDENTITY ELEMENT, RAMP RD-G

SHEET NO. 8 OF 13 SHEETS

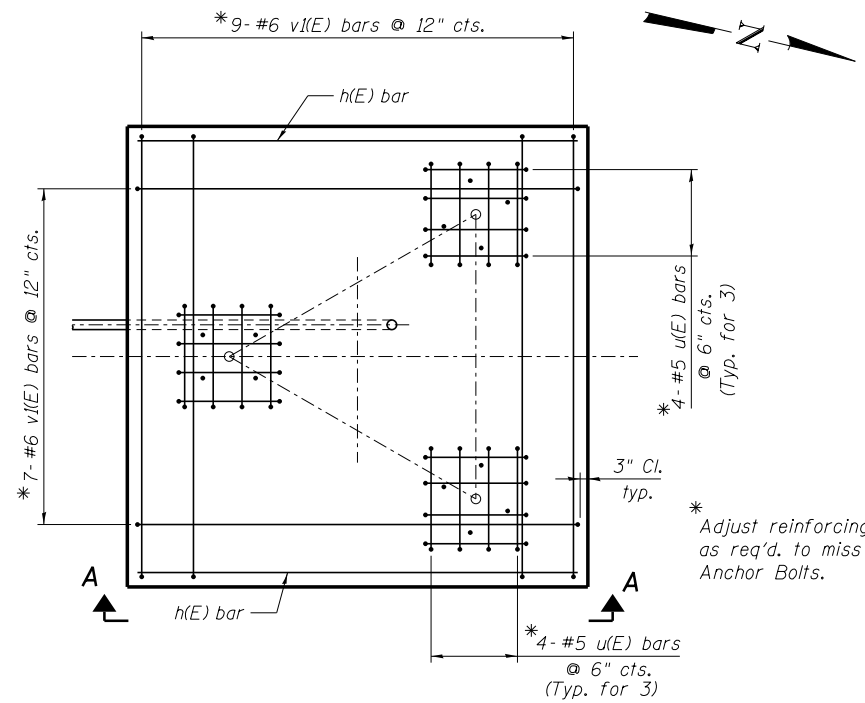
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	1206
CONTRACT NO. 64C08				

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ELEVATION A-A
(Looking South)

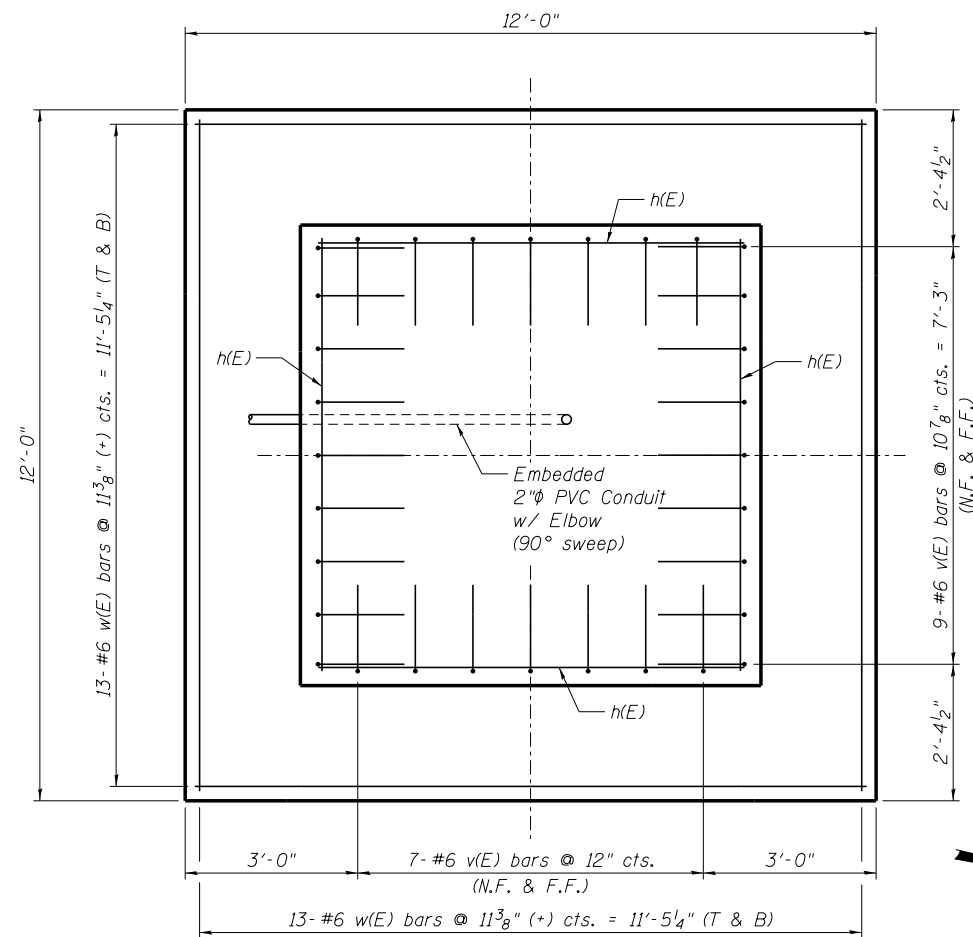
Note: u(E) bars not shown for clarity. See View A-A, Sheet 1.



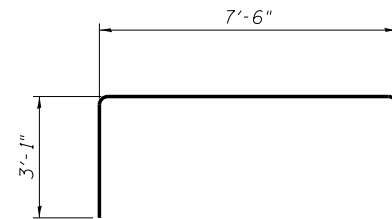
TOP PLAN

* Adjust reinforcing as req'd. to miss Anchor Bolts.

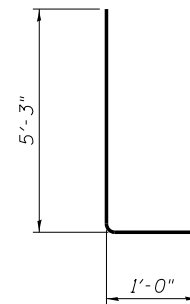
BILL OF MATERIAL				
Bar	No.	Size	Length	Shape
h(E)	18	#6	7'-6"	—
u(E)	24	#5	7'-2"	⊓
v(E)	32	#6	6'-3"	⊓
v(E)	16	#6	13'-8"	⊓
w(E)	52	#6	11'-6"	—
Structure Excavation		Cu. Yd.	43	
Concrete Structures		Cu. Yd.	18.7	
Anchor Bolts, 7/8"φ		Each	12	
Reinforcement Bars, Epoxy Coated		Pound	1910	



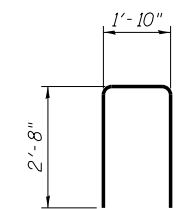
SECTION B-B



BAR v(E)



BAR v(E)



BAR u(E)

See Sheet 8 of 13 for notes.

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Chicago, Illinois 60601
312-565-0450 Job No. 10061

FILE NAME = 64C08A-001-Identity Element Foundations (2 sheets).dgn	USER NAME = ksnider	DESIGNED - SLD	REVISED -
MODEL: Foundation Reinforcing	PLOT SCALE =	CHECKED - KMP	REVISED -
	PLOT DATE = 1/18/2017	DRAWN - RMG	REVISED -
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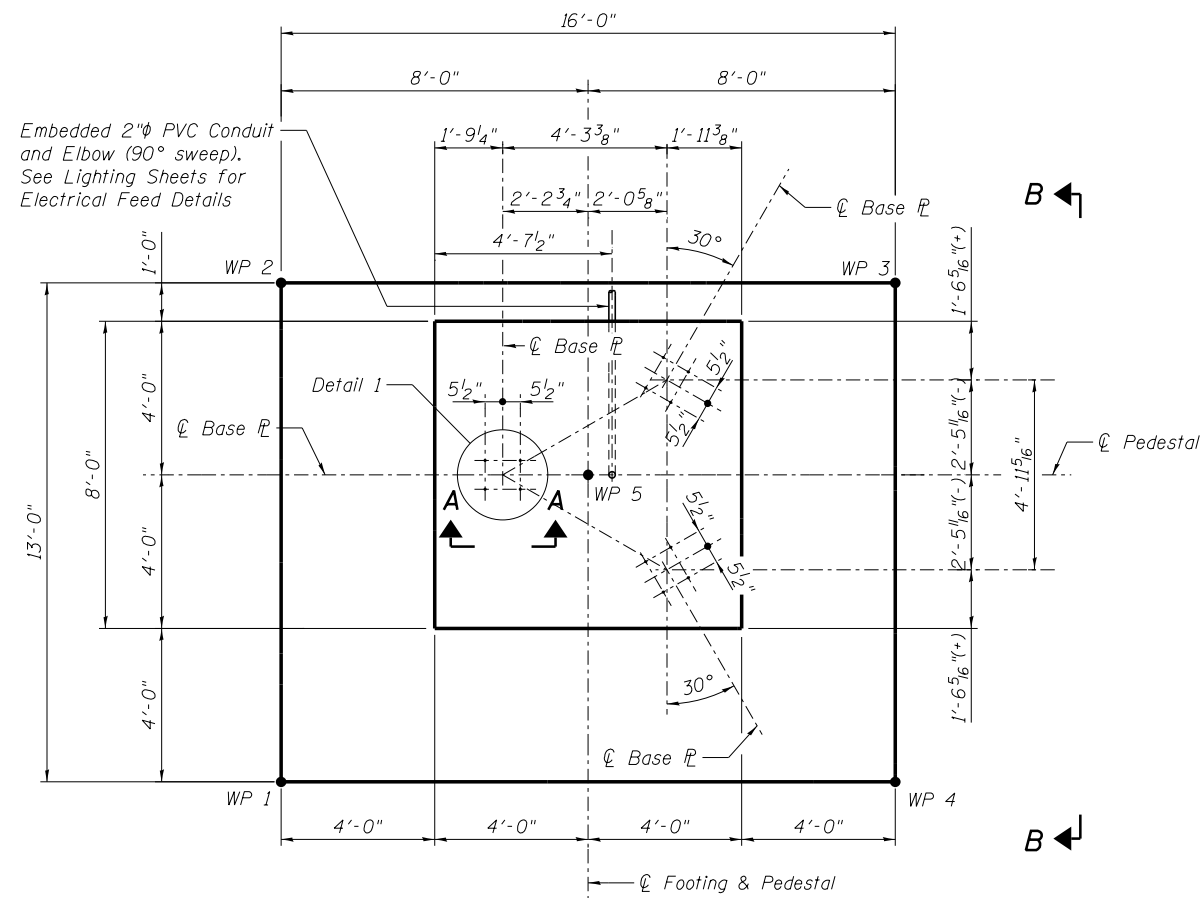
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOUNDATION REINFORCEMENT DETAILS
NEIGHBORHOOD IDENTITY ELEMENT, RAMP RD-G

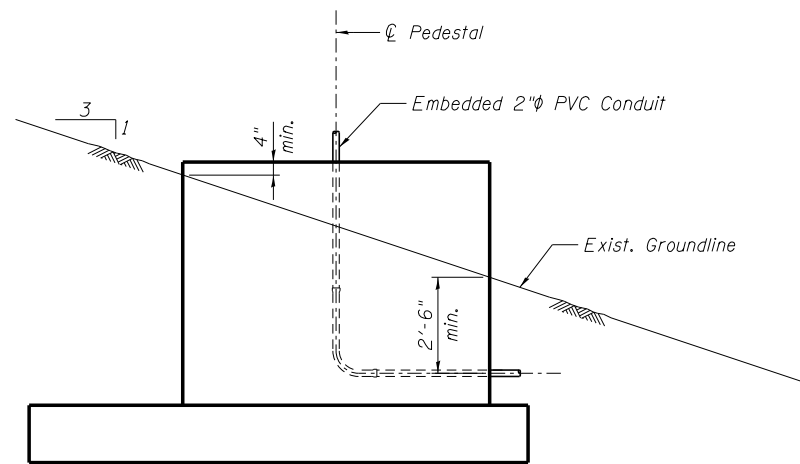
SHEET NO. 9 OF 13 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1(HVBR)	ROCK ISLAND	1504	1207
CONTRACT NO. 64C08				

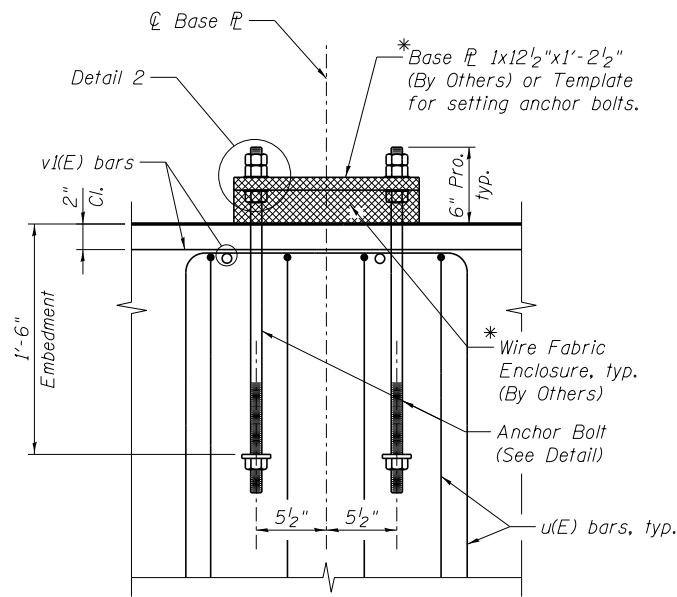
ILLINOIS FED. AID PROJECT



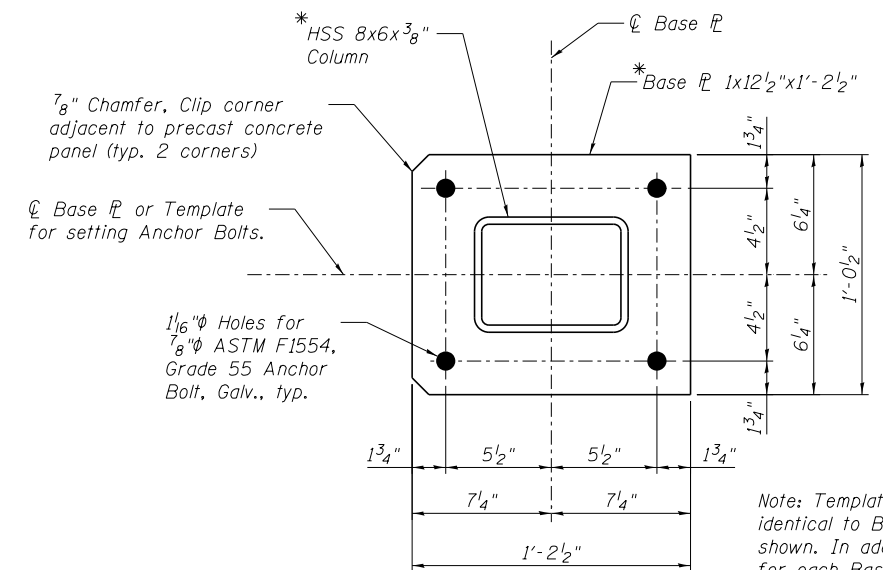
FOUNDATION PLAN



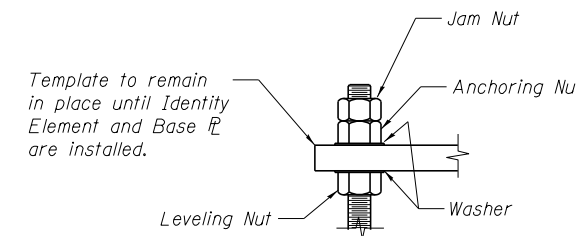
VIEW B-B



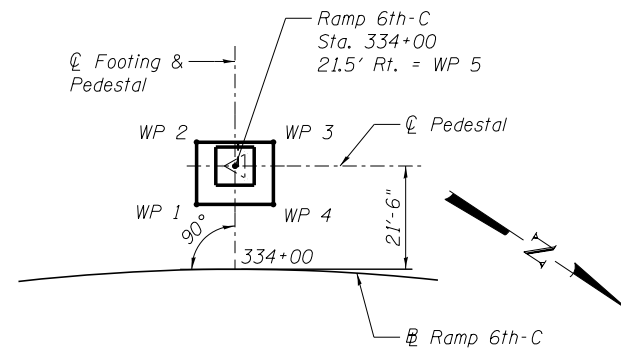
VIEW A-A
(Typ. for 3 locations)



DETAIL 1
ANCHOR BOLT LAYOUT



DETAIL 2

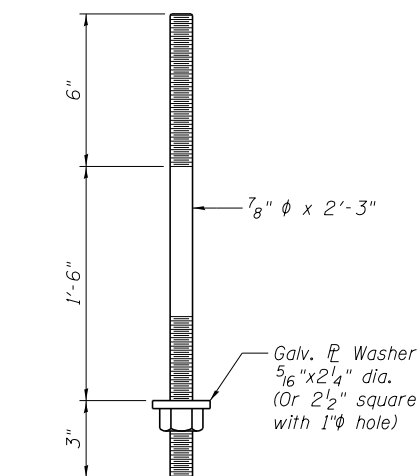


LOCATION PLAN

Work Points

W.P.	Station	Offset
1	334+07.74	13.58' Rt.
2	334+07.50	26.58' Rt.
3	333+92.50	26.58' Rt.
4	333+92.26	13.58' Rt.
5	334+00	21.50' Rt.

Based on Ramp 6th-C



ANCHOR BOLT DETAIL

NOTES:

1. Identity Element Foundation construction shall be coordinated with Ramp 6TH-C embankment placement so that foundation is constructed before the embankment is complete. Thus, no structure excavation and no temporary earth retention shall be required.
2. Anchor Bolts shall be 7/8"φ ASTM, F1554, Grade 55. Anchor Bolts, nuts and washers shall conform to the requirements of the Standard Specifications.
3. Anchor Bolts, nuts and washers shall be hot dip galvanized according to AASHTO M232, Class C.
- *4. Base Plates, HSS Column and Wire Fabric are shown for Information Only. Base Plates and Wire Fabric material shall be included in Identity Element, to be constructed by Others.
5. Nuts and washers shall be hand-tightened on Anchor Bolt projections, for future use when Identity Elements are installed.
6. The Contractor shall take care to secure Anchor Bolts plumb and in the correct location. The Contractor shall leave the template, used to set the Anchor bolts, in place to protect the Anchor bolts until the Identity Element is installed by Others.
7. The maximum applied service bearing pressure is 1.9 ksf.
8. Work this sheet with Foundation Reinforcement Details sheet.
9. Reinforcement bars designated (E) shall be epoxy coated.

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312-565-0450 Job No. 10061

FILE NAME = 64C08B-001-Identity Element Foundations (2 sheets).dgn	USER NAME = ksnider	DESIGNED - SLD	REVISED -
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	PLOT DATE = 1/18/2017	DRAWN - RMG	REVISED -
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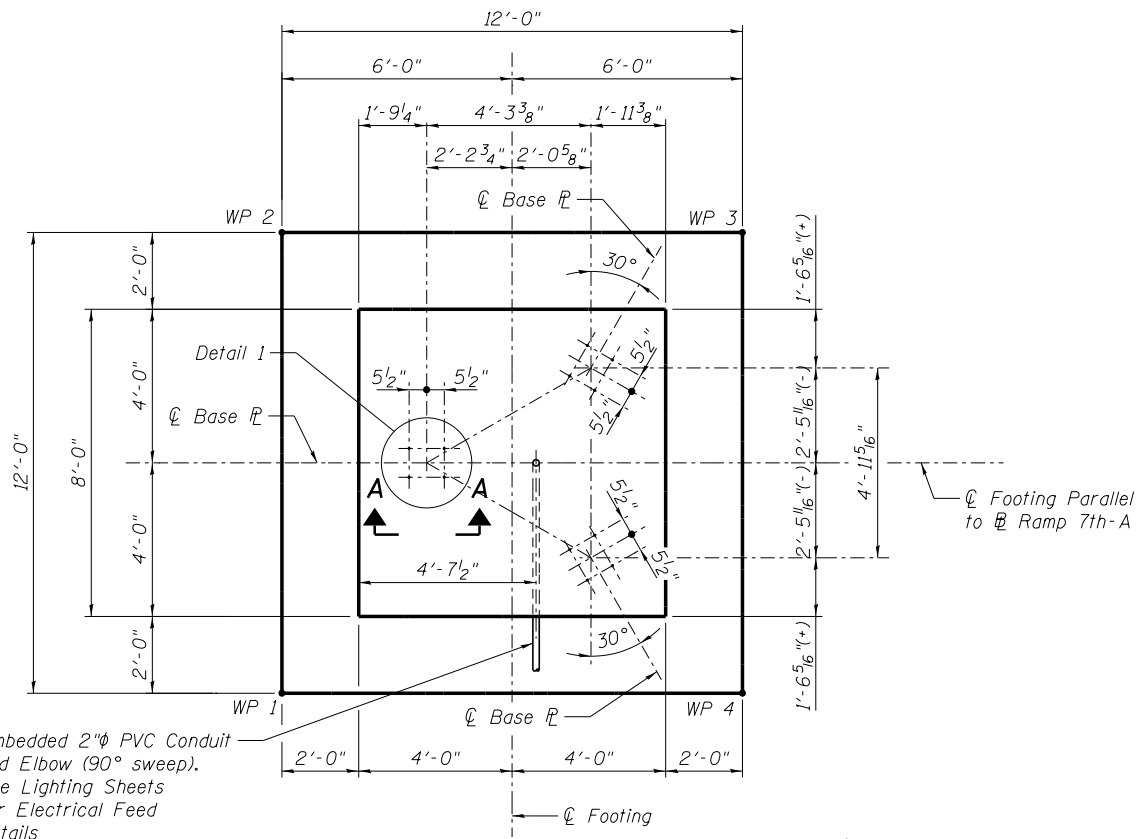
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOUNDATION DETAILS
NEIGHBORHOOD IDENTITY ELEMENT, RAMP 6TH-C

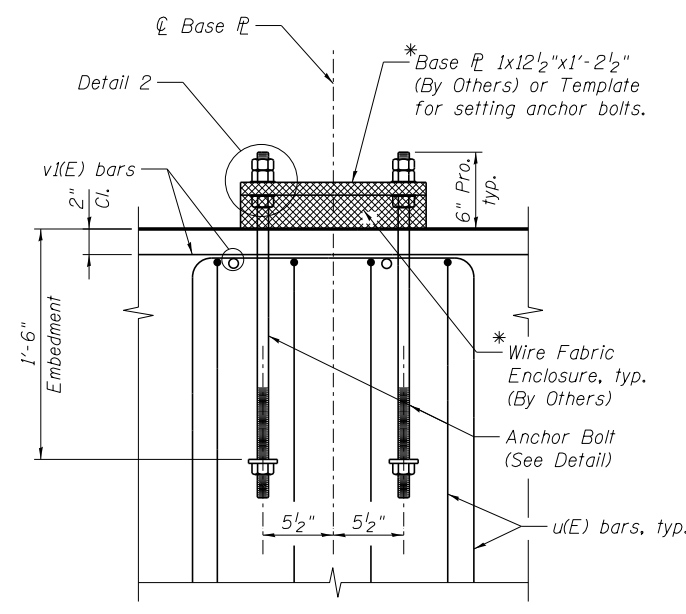
SHEET NO. 10 OF 13 SHEETS

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1H)BR	ROCK ISLAND	1504	1208
CONTRACT NO. 64C08				

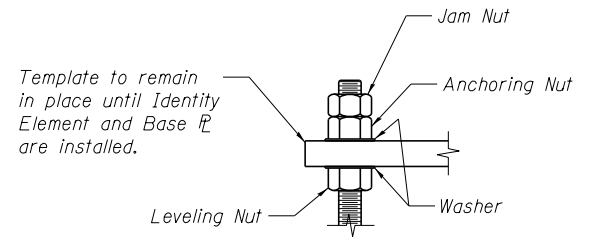
ILLINOIS FED. AID PROJECT



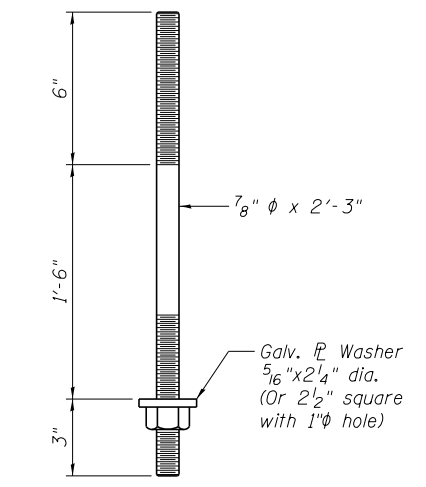
FOUNDATION PLAN



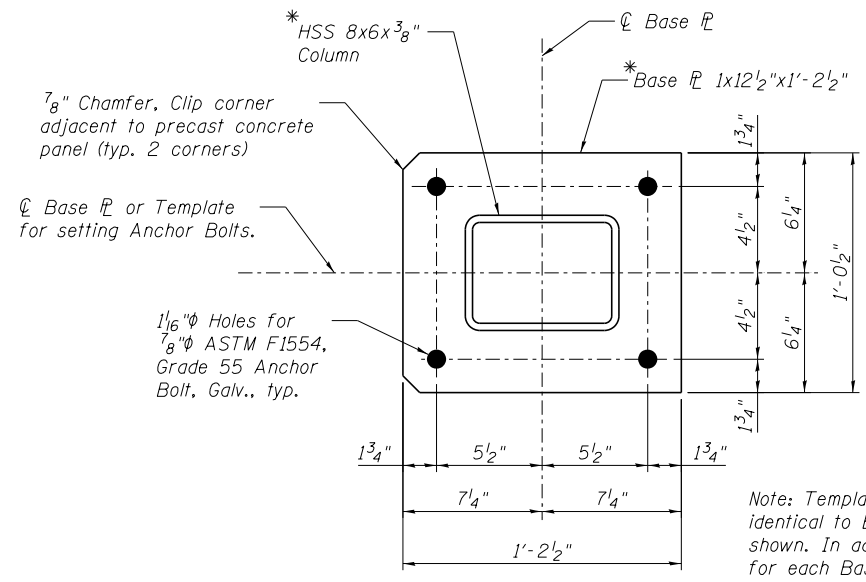
VIEW A-A
(Typ. for 3 locations)



DETAIL 2

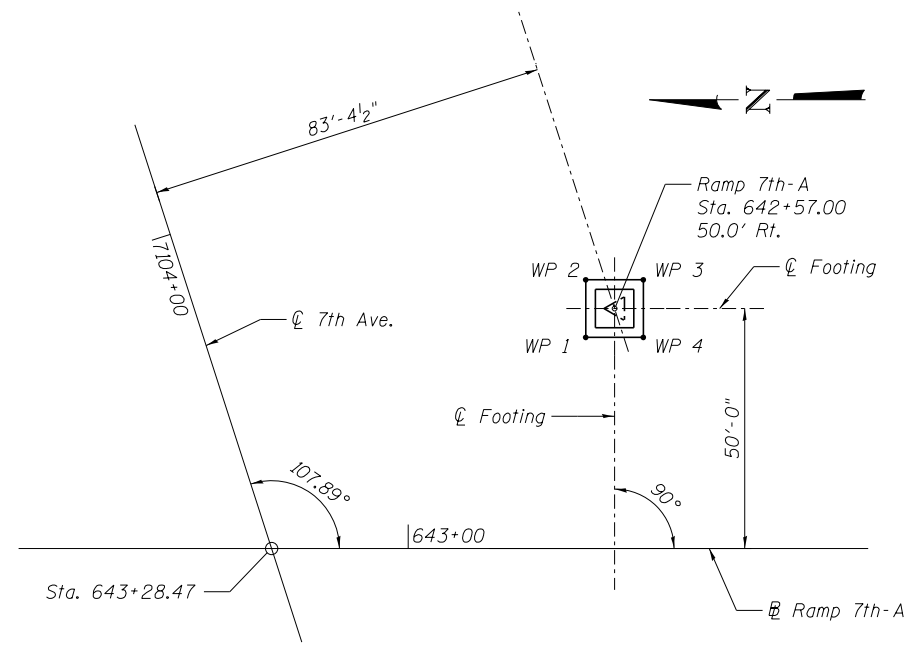


ANCHOR BOLT DETAIL



DETAIL 1
ANCHOR BOLT LAYOUT

Note: Template geometry shall be identical to Base Plate geometry shown. In addition, each template for each Base Plate must be held in exact orientation and distance from each other, as shown in Foundation Plan.



LOCATION PLAN

Work Points

W.P.	Station	Offset
1	642+63.00	44.00' Rt.
2	642+63.00	56.00' Rt.
3	642+51.00	56.00' Rt.
4	642+51.00	44.00' Rt.

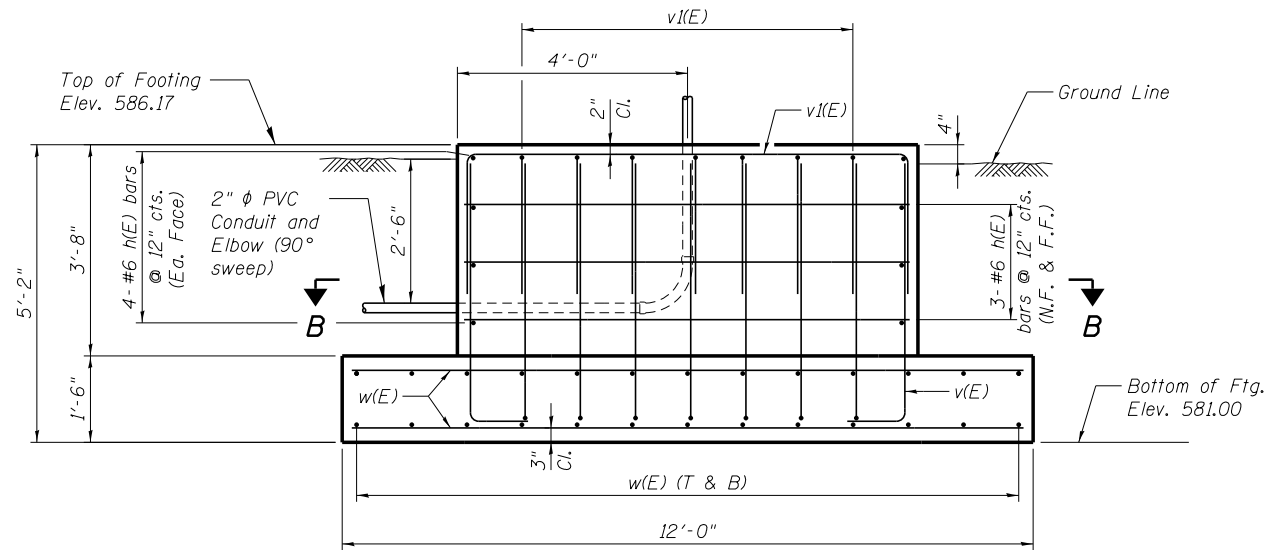
Based on Ramp 7th-A

NOTES:

- Anchor Bolts shall be 7/8" diameter ASTM, F1554, Grade 55. Anchor Bolts, nuts and washers shall conform to the requirements of the Standard Specifications.
- Anchor Bolts, nuts and washers shall be hot dip galvanized according to AASHTO M232, Class C.
- Base Plates, HSS Column and Wire Fabric are shown for Information Only. Base Plates and Wire Fabric material shall be included in Identity Element, to be constructed by Others.
- Nuts and washers shall be hand-tightened on Anchor Bolt projections, for future use when Identity Elements are installed.
- The Contractor shall take care to secure Anchor Bolts plumb and in the correct location. The Contractor shall leave the template, used to set the Anchor bolts, in place to protect the Anchor bolts until the Identity Element is installed by Others.
- The maximum applied service bearing pressure is 2.1 ksf.
- Work this sheet with Foundation Reinforcement Details sheet.
- Reinforcement bars designated (E) shall be epoxy coated.

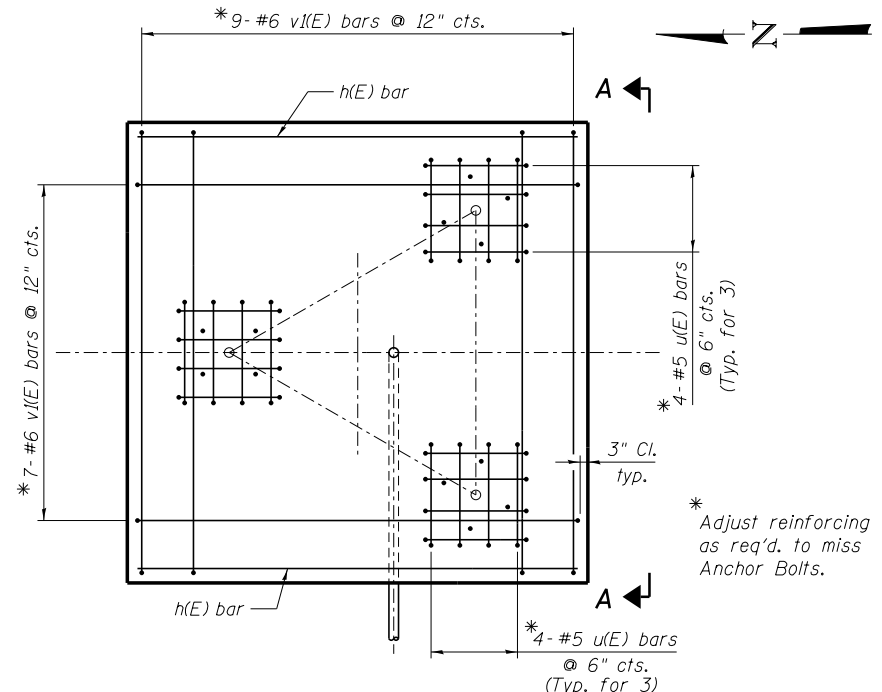
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	PLOT DATE = 1/18/2017	DRAWN - RMG	REVISED -
		CHECKED - KMP	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVB)	ROCK ISLAND	1504	1210
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				



ELEVATION A-A
(Looking North)

Note: u(E) bars not shown for clarity. See View A-A, Sheet 1.

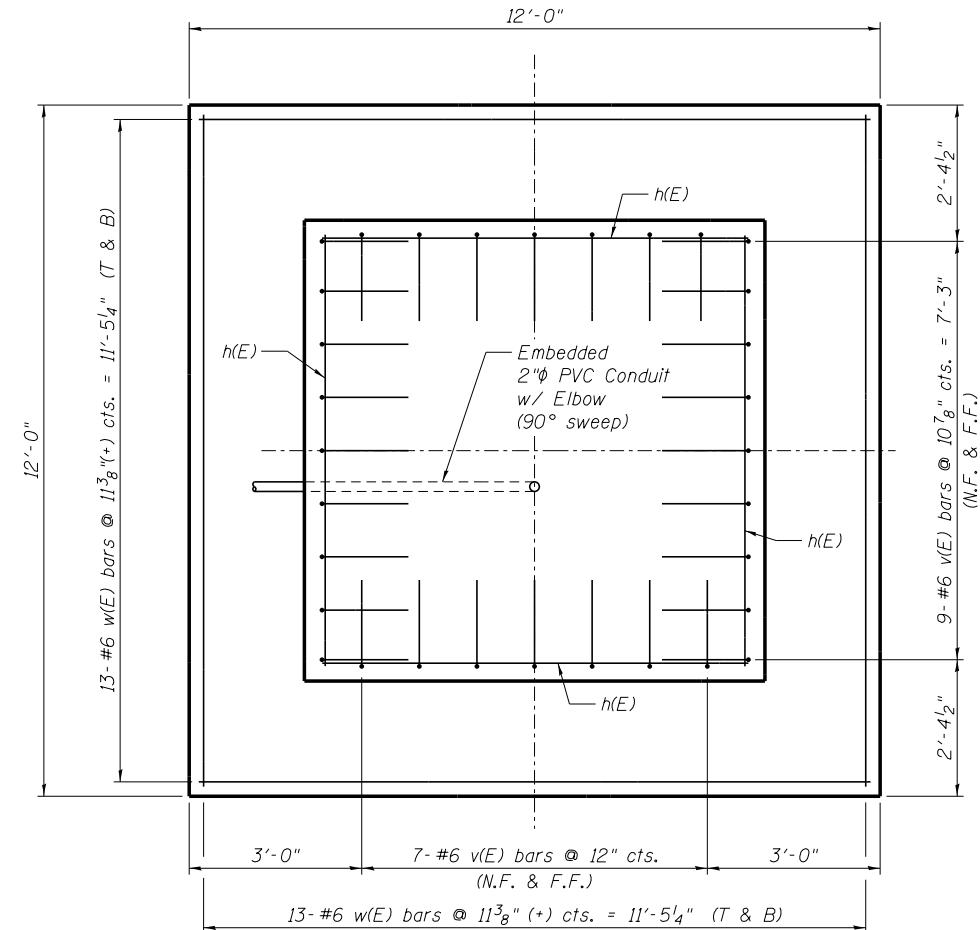


TOP PLAN

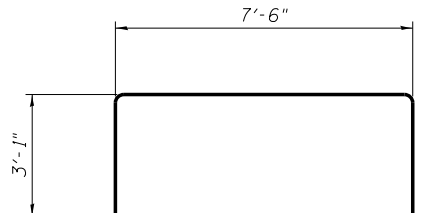
* Adjust reinforcing as req'd. to miss Anchor Bolts.

BILL OF MATERIAL

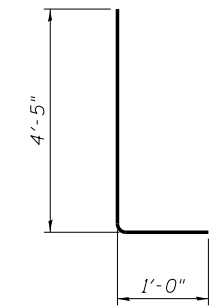
Bar	No.	Size	Length	Shape
h(E)	14	#6	7'-6"	—
u(E)	24	#5	7'-2"	⊓
v(E)	32	#6	5'-5"	⊓
v(E)	16	#6	13'-8"	⊓
w(E)	52	#6	11'-6"	—
Structure Excavation		Cu. Yd.	44	
Concrete Structures		Cu. Yd.	16.7	
Anchor Bolts, 7/8"φ		Each	12	
Reinforcement Bars, Epoxy Coated		Pound	1830	



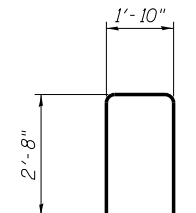
SECTION B-B



BAR v(E)



BAR v(E)



BAR u(E)

See Sheet 12 of 13 for notes.

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FILE NAME = 64C08C-001-Identity Element Foundations (2 sheets).dgn	USER NAME = ksnider	DESIGNED - SLD	REVISED -
MODEL: Foundation Reinforcing	PLOT SCALE =	CHECKED - KMP	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

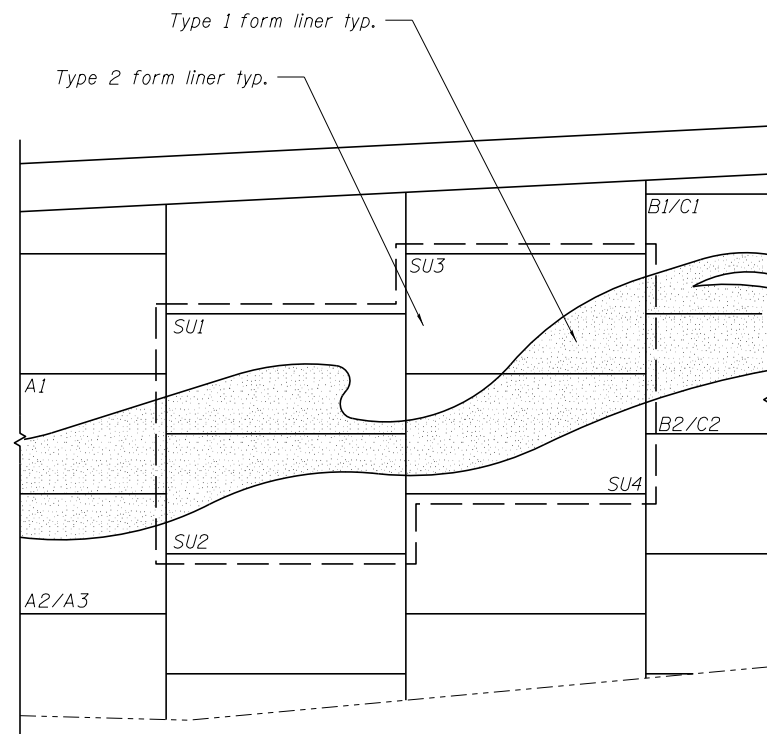
FOUNDATION REINFORCEMENT DETAILS
NEIGHBORHOOD IDENTITY ELEMENT, RAMP 7TH-A

SHEET NO. 13 OF 13 SHEETS

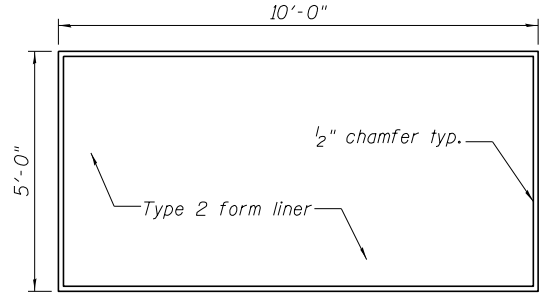
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CONTRACT NO. 64C08				

ILLINOIS FED. AID PROJECT

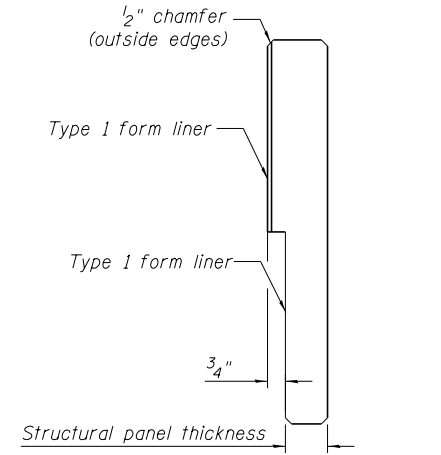
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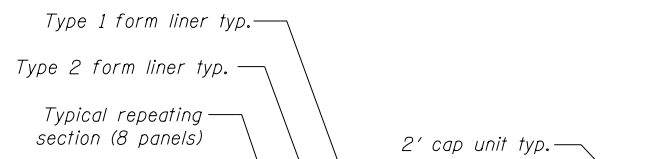
TYPICAL PATTERN STEP UP CONFIGURATION



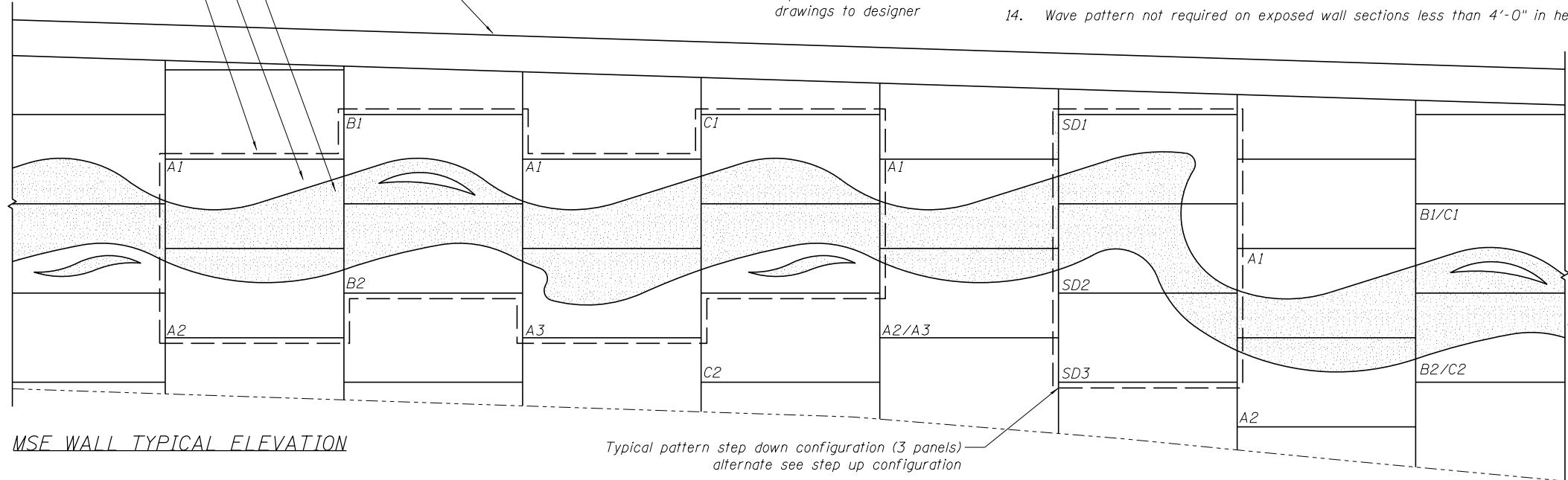
TYPICAL MSE WALL PANEL



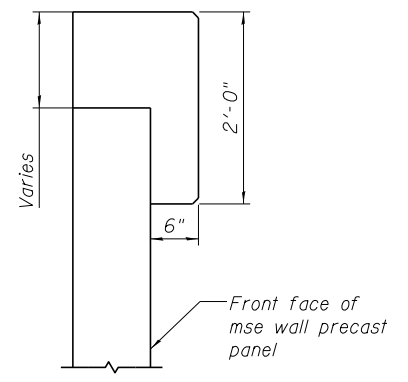
TYPICAL MSE WALL PANEL SECTION



Panels A2 and A3 are interchangeable
Panels B1 and C1 are interchangeable
Panels B2 and C2 are interchangeable
Contractor to randomize pattern and submit drawings to designer



MSE WALL TYPICAL ELEVATION



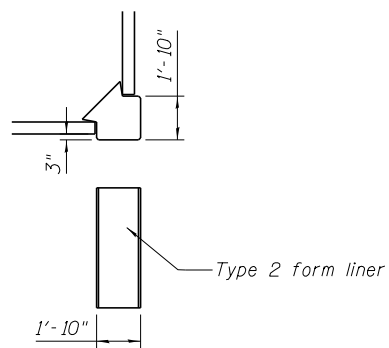
MSE COPING DETAIL

PRECAST CONCRETE MSE WALL PANEL FINISH NOTES

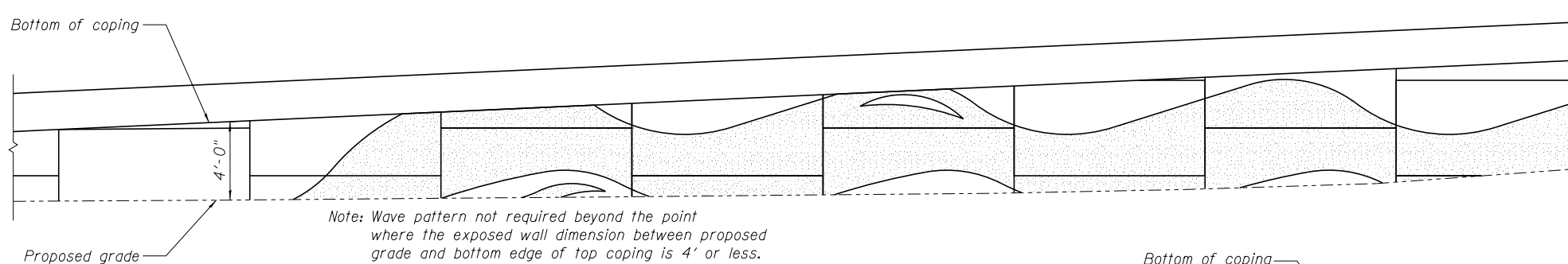
Refer to section 2432. Mechanically stabilized earth (mse) retaining wall with the following additions.

- Submit shop drawings indicating form liner layout and termination details for all panels. Indicate backup, rustication, reveal, and chamfer strip locations. Include jointing, pattern placement and orientation. Contractor responsible for design of formwork and back-up of form liner for structural stability and sufficiency.
 - Submit 12 inch by 12 inch samples of each pattern indicated. Samples may be either actual form liner materials or foam castings from liners proposed for use on the project.
 - Provide full scale sample of each panel type using actual job specific materials, methods and workmanship. These include concrete mix [cement type, aggregate gradation, slump, water/cement ratios, plasticizers and additives], forming system [liner and formwork], form release agents, placement rate, form pressures, formwork and joint sealing, vibrating and stripping practices. In addition, demonstrate patching and repair procedures for spalled concrete, and voids caused by honeycombing or bug holes. Accepted sample panels will be standard by which remaining work will be evaluated for technical and aesthetic merit. Contractor shall store accepted sample panels on site for reference until substantial completion. Accepted sample panels are a prerequisite to beginning job formwork. Submit variations from sample panel materials or techniques for approval prior to use.
 - Cover form liners to protect from oil, dirt and uv exposure.
 - Handle rigid form liner panels with care at temperatures below 25° F.
 - Approved manufacturers of form liners materials and accessories
- | | | |
|---|---|--|
| Basis of Design: | Allowable Alternates: | |
| TYPE 1 -
Scott System Pattern 122 -
striated | Type 1 -
Fitzgerald Formliners pattern 17934 -
dc wave | Type 1 -
American Formliners pattern 1122 -
random striations |
| TYPE 2 -
Scott System Pattern 120 -
sandblast #2 | Type 2 -
Fitzgerald Formliners pattern 16991 -
medium sandblast | Type 2 -
American Formliners pattern 1200 -
light/medium sandblast |
| Scott System, Inc.
10777 East 45TH Avenue
Denver, CO 80239
333-373-2500
WWW.SCOTTSYSTEM.COM | Fitzgerald Formliners, Inc.
1500 East Chestnut Avenue
Santa Ana, CA 92701
800-547-7760
WWW.FORMLINERS.COM | American Formliners, Inc.
1567 Frontenac Road
Naperville, IL 60563
630-615-2170
WWW.AMERICANFORMLINERS.COM |
- On multiple use liners, clean liner before each use. Replace damaged liner whose continued use or repair would negatively impact the aesthetics of the concrete finish
 - Apply form liner compatible release agent at rate recommended by manufacturer. Attempt to schedule concrete pour soon after application of release agent to avoid precipitation, dust, and debris. Protect reinforcing steel from exposure to release agents.
 - Seal form liner joints to prevent mortar leakage.
 - Provide solid backing at form liner butt joints to prevent deflection.
 - Construct form liner and accessories to sizes, shapes, lines and dimensions shown.
 - Install backup strips as required to prevent deflection of the liner due to form pressures.
 - All required precast panels and the associated form liners and aesthetic considerations as shown on the plans are to be included in the contract unit price for item 2432-0000100 mechanically stabilize earth retain wall sf.
 - Wave pattern not required on exposed wall sections less than 4'-0" in height.

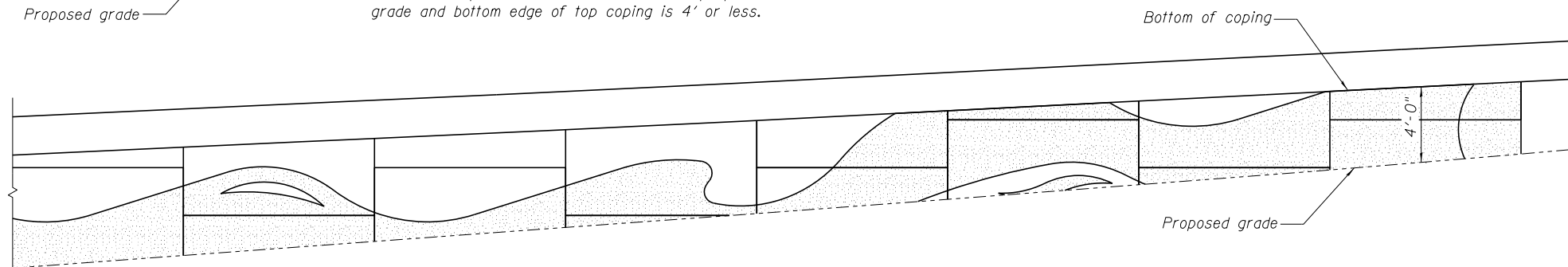
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		CHECKED - B. HANNAH	REVISED -			74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1212
	PLOT SCALE =	DRAWN - M. ROSS	REVISED -			PROJECT NO. 92-032-01		CONTRACT NO. 64C08		
	PLOT DATE = 02/05/2016	CHECKED - 5/8/2015	REVISED -			SHEET NO. 1 OF 6 SHEETS		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



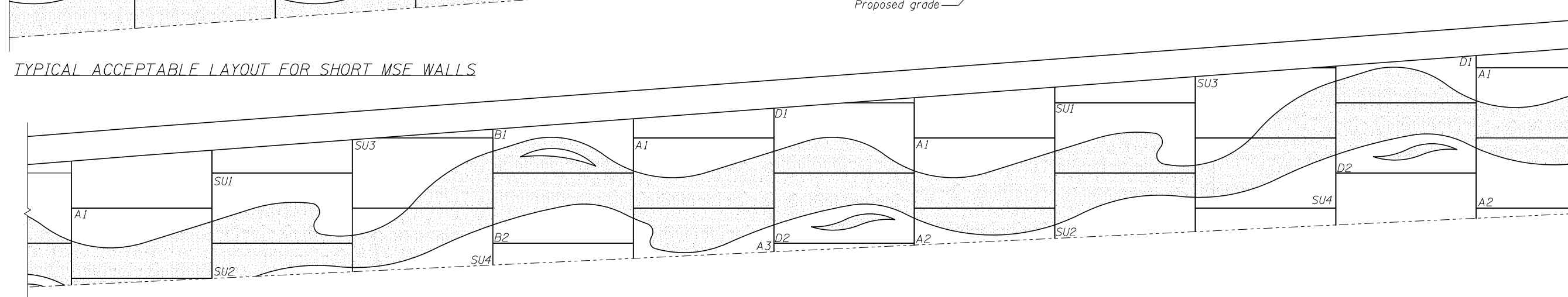
OUTSIDE CORNER DETAIL



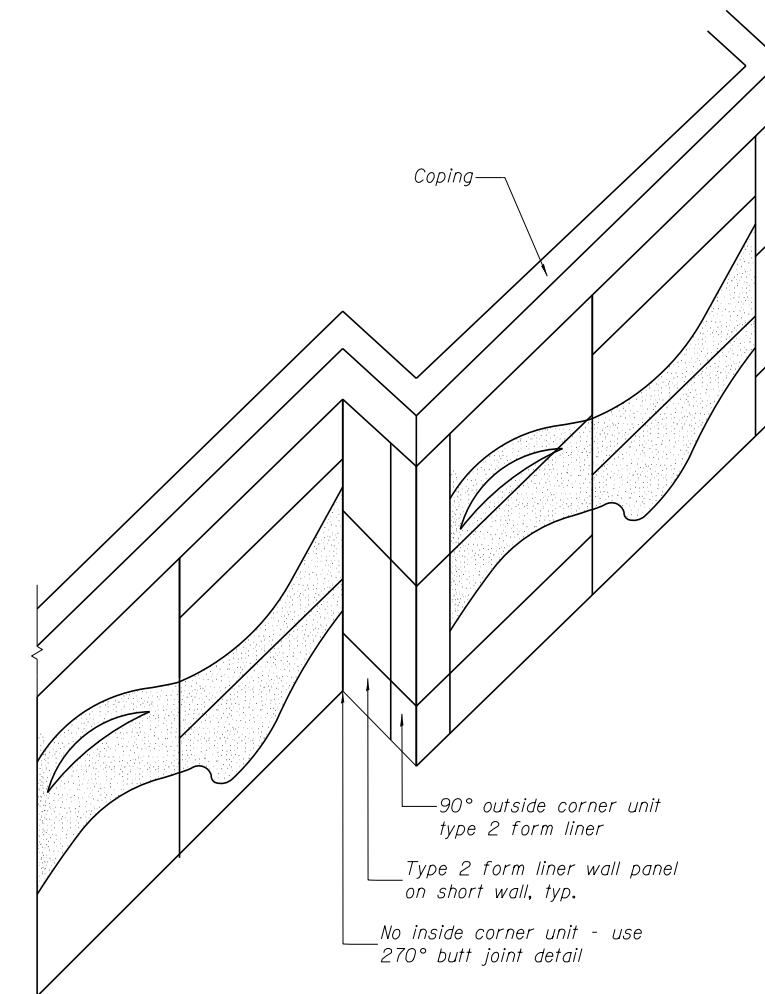
Note: Wave pattern not required beyond the point where the exposed wall dimension between proposed grade and bottom edge of top coping is 4' or less.



TYPICAL ACCEPTABLE LAYOUT FOR SHORT MSE WALLS



ADDITIONAL PANEL LAYOUT EXAMPLE



MSE BUMPOUT DETAIL

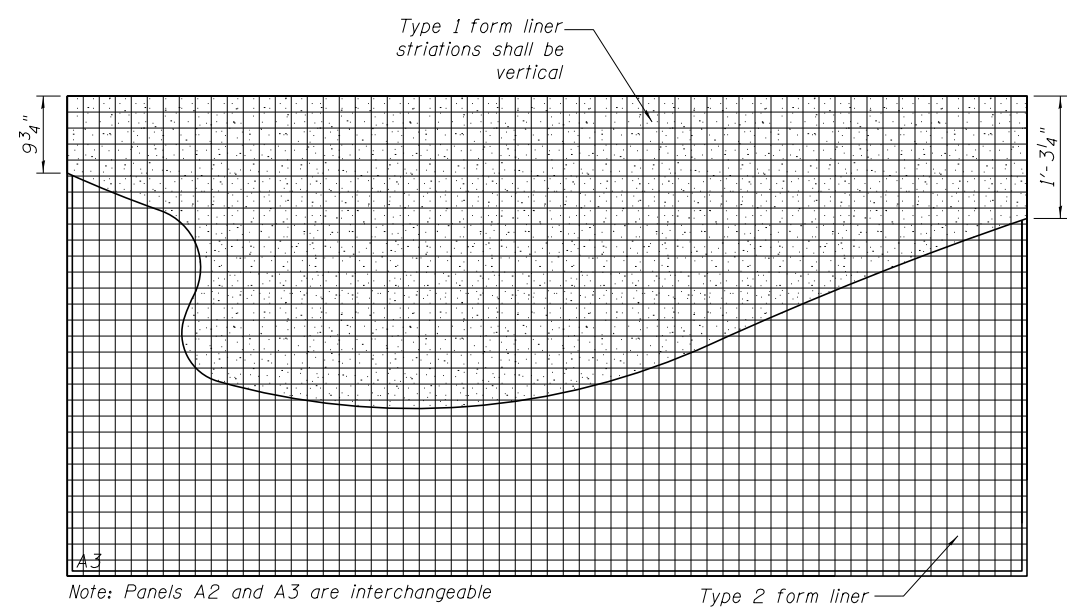
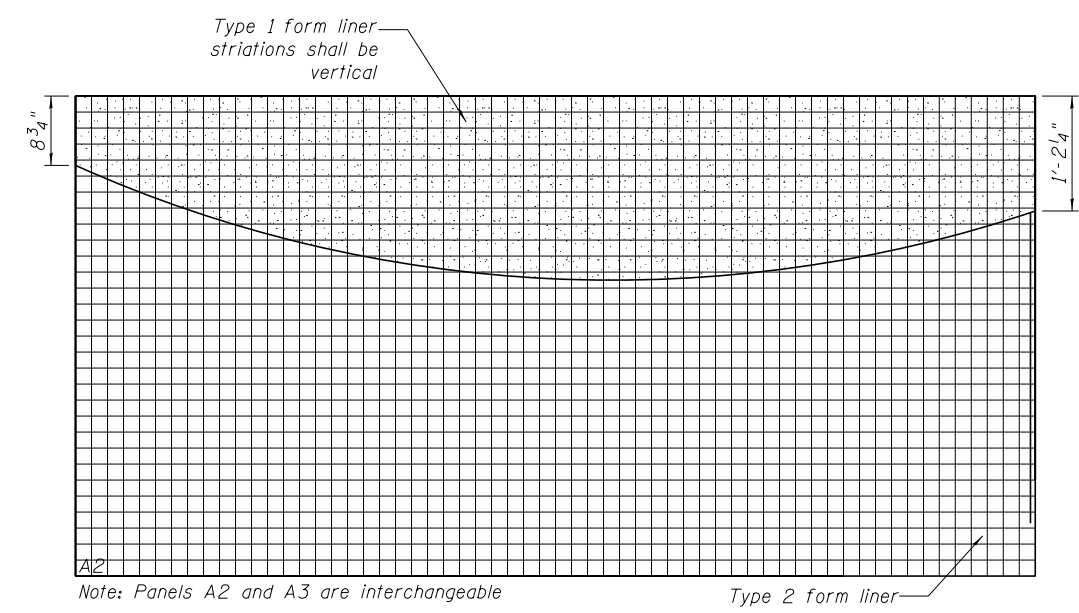
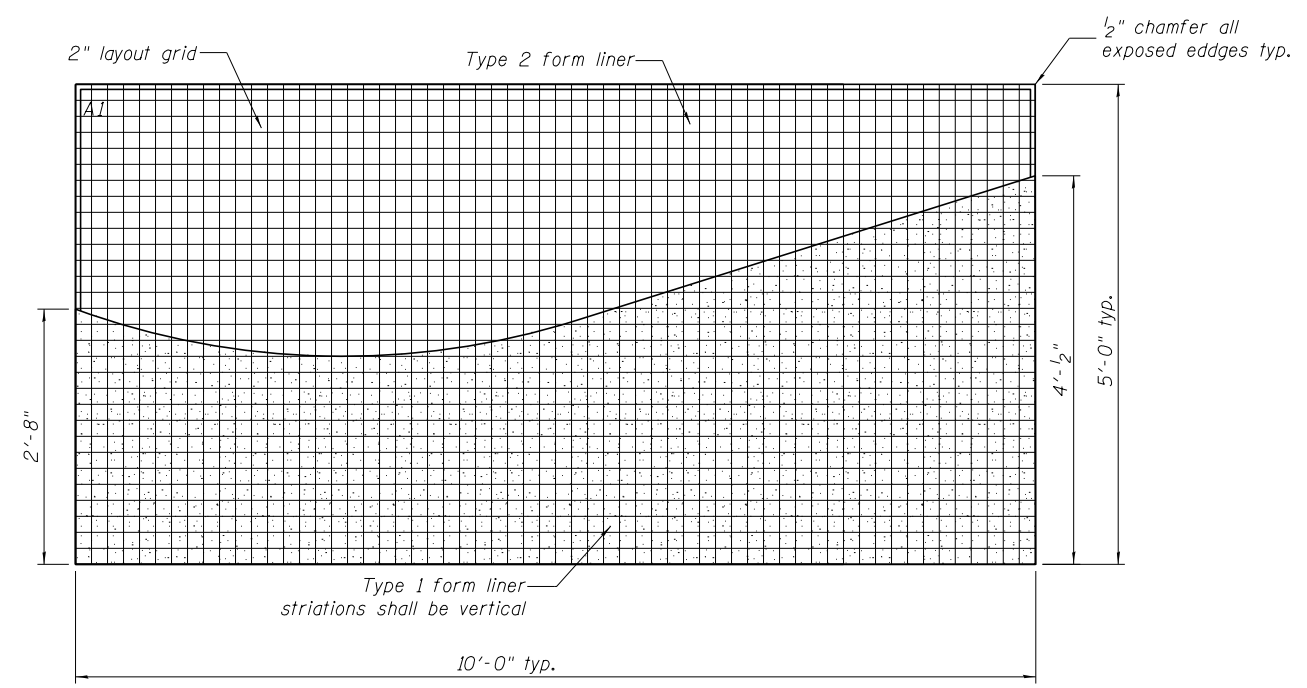
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	PLOT SCALE =	DRAWN - M. ROSS	REVISED - _____
	PLOT DATE = 02/05/2016	CHECKED - 5/8/2015	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MSE WALL
AESTHETIC DETAILS MSE WALL ELEVATION

SHEET NO. 2 OF 6 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	1213
PROJECT NO. 92-032-01		CONTRACT NO. 64C08		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



MSE WALL PANEL ELEVATIONS
(Patterns A1, A2 and A3)

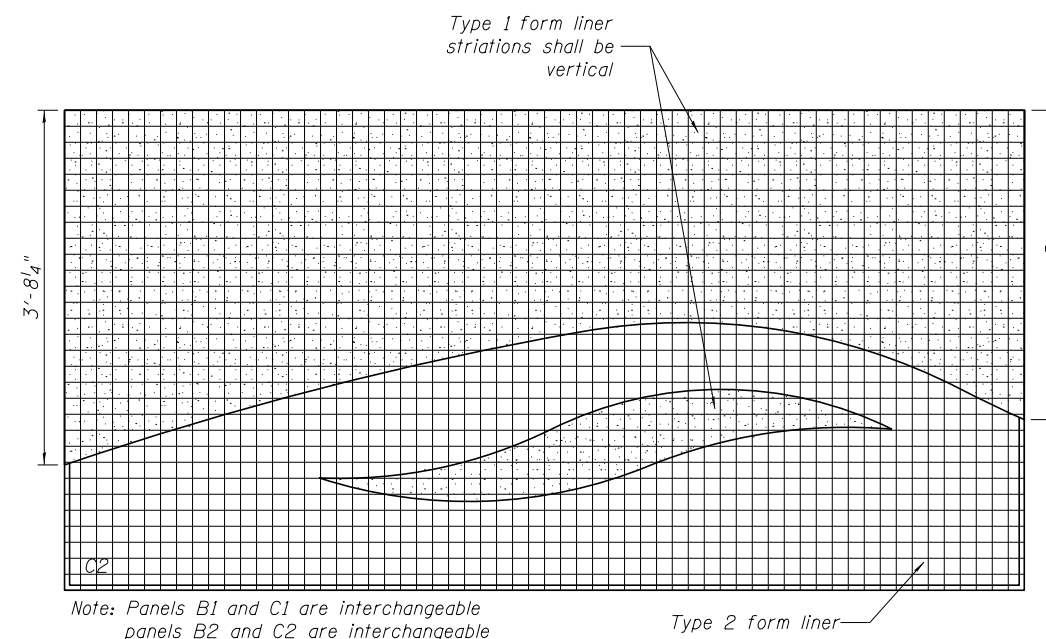
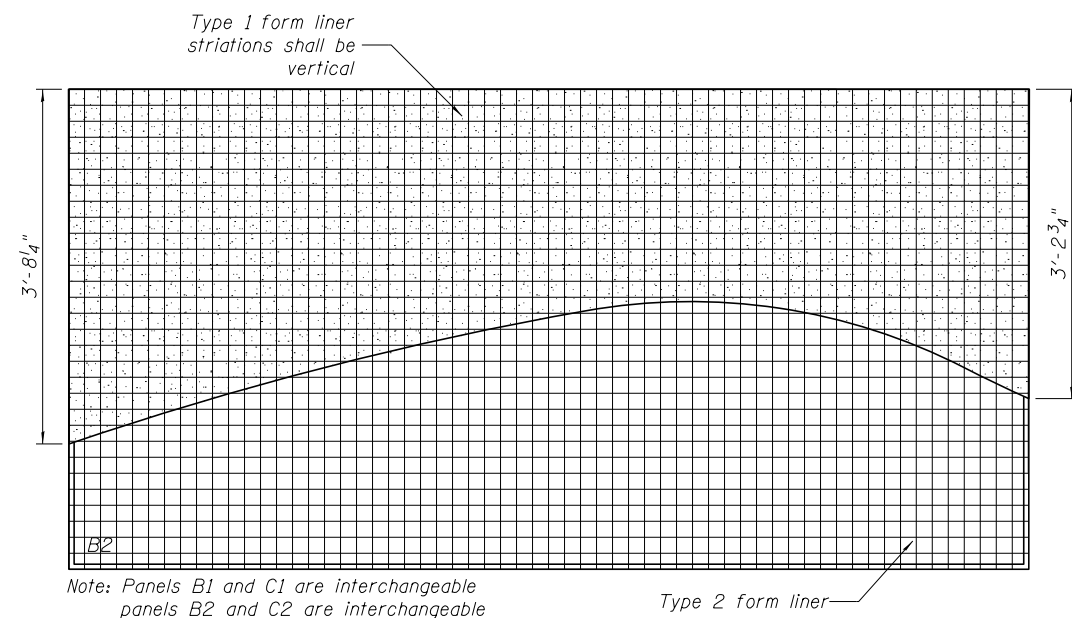
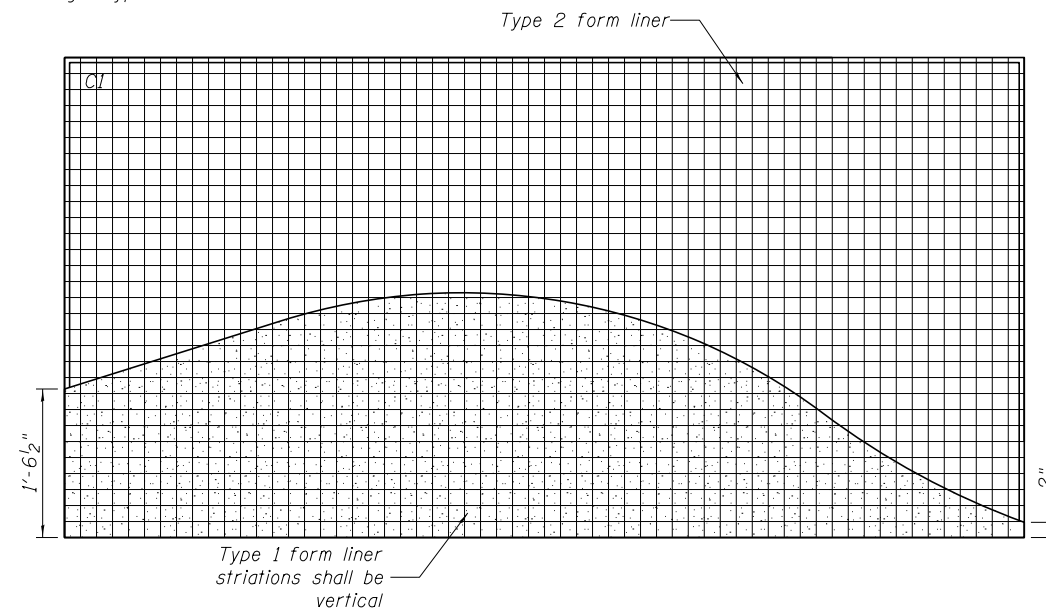
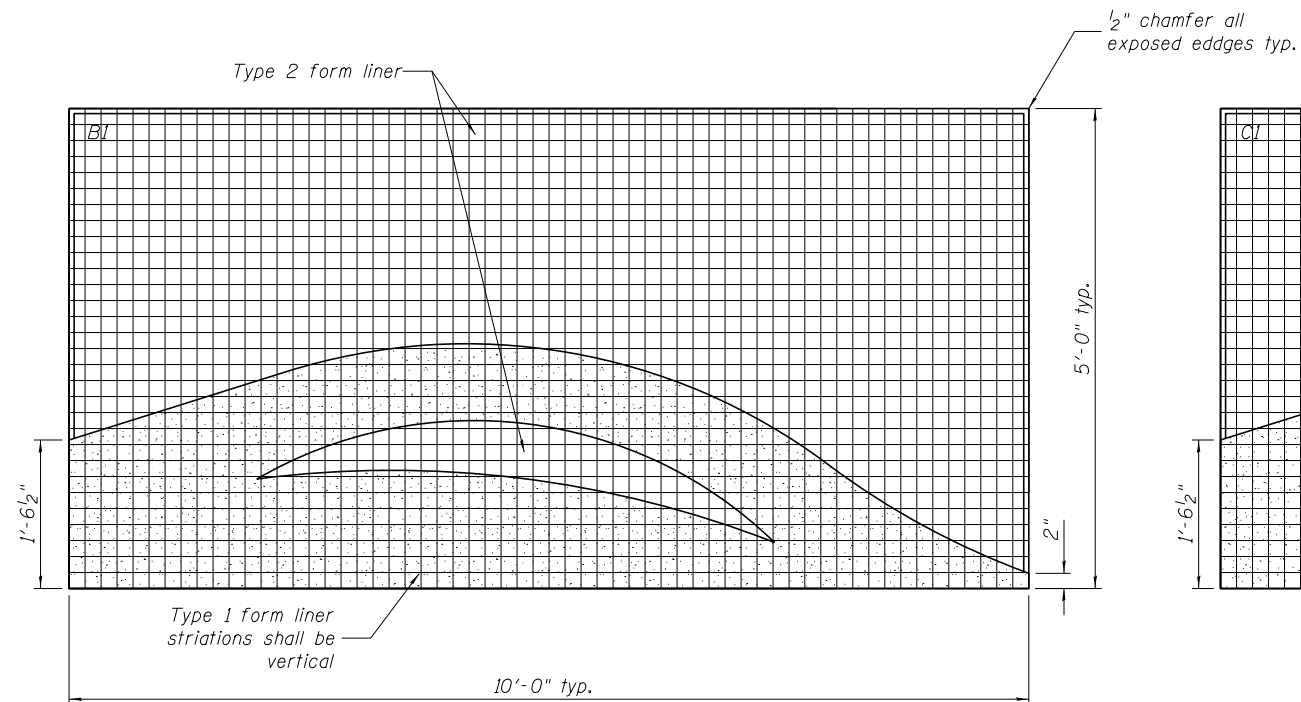
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	PLOT SCALE =	DRAWN - M. ROSS	REVISED -
	PLOT DATE = 02/05/2016	CHECKED - 5/8/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MSE WALL
AESTHETIC DETAILS MSE WALL PANEL ELEVATION

SHEET NO. 3 OF 6 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1214
PROJECT NO. 92-032-01		CONTRACT NO. 64C08		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



Note: Panels B1 and C1 are interchangeable
panels B2 and C2 are interchangeable

Note: Panels B1 and C1 are interchangeable
panels B2 and C2 are interchangeable

TYPICAL MSE WALL PANEL PATTERN
(Patterns B1, B2, C1 and C2)

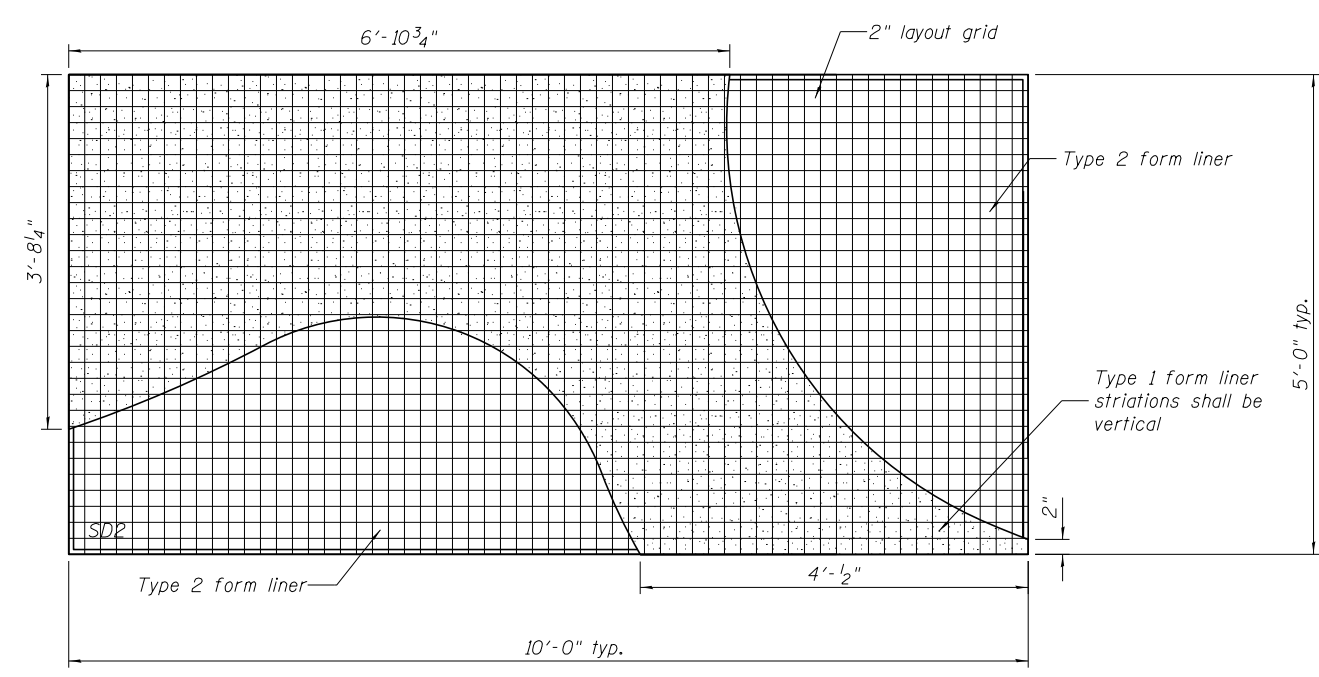
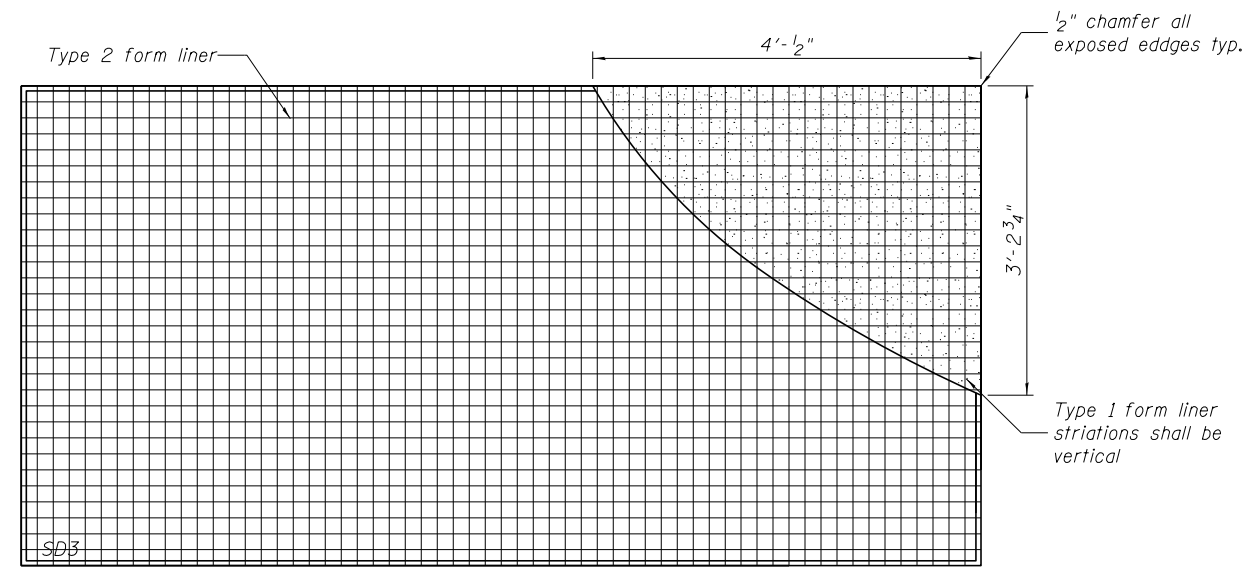
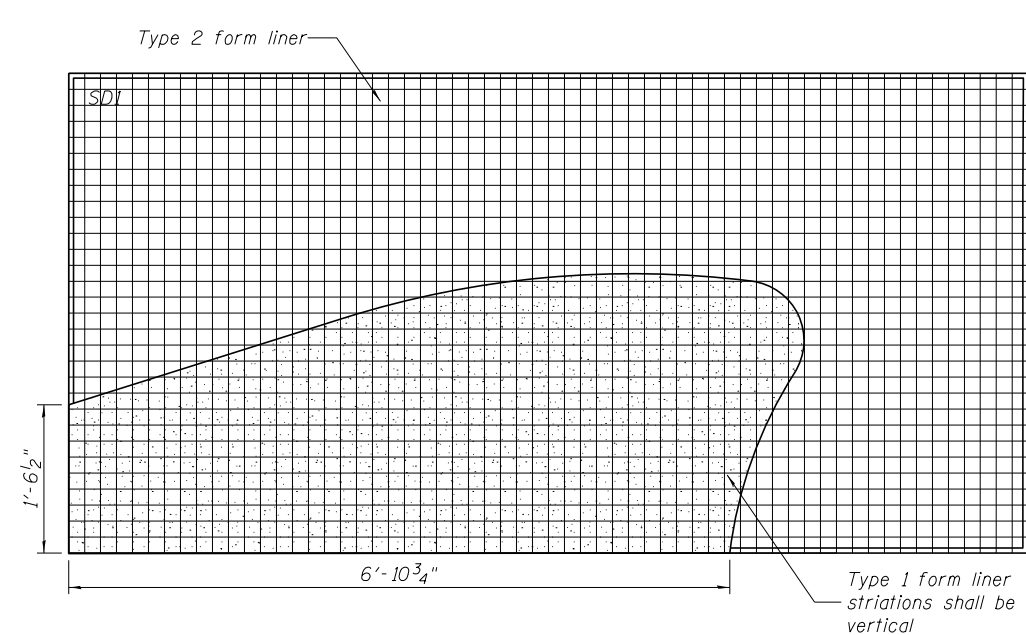
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	PLOT DATE = 02/05/2016	CHECKED - 5/8/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MSE WALL
AESTHETIC DETAILS MSE WALL PANEL ELEVATION

SHEET NO. 4 OF 6 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1215
PROJECT NO. 92-032-01		CONTRACT NO. 64C08		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



TYPICAL MSE WALL PANEL PATTERN
(Patterns SD1, SD2 and SD3)

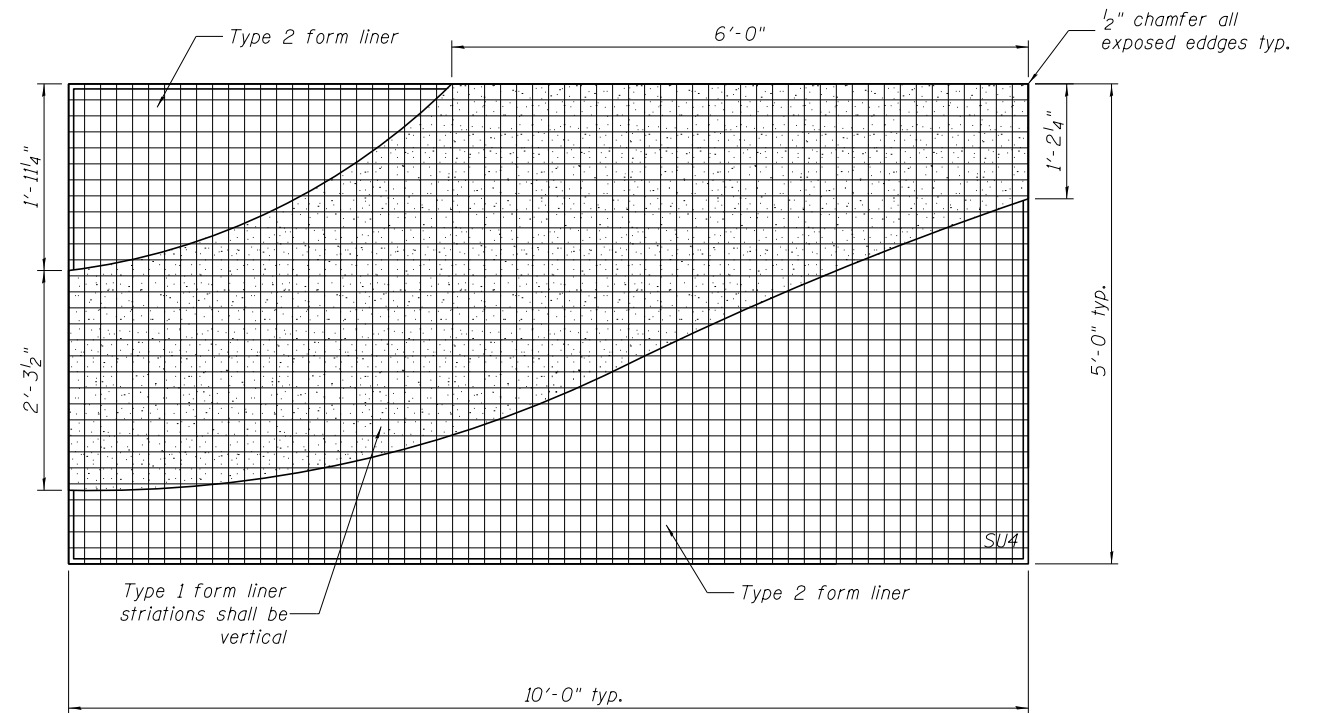
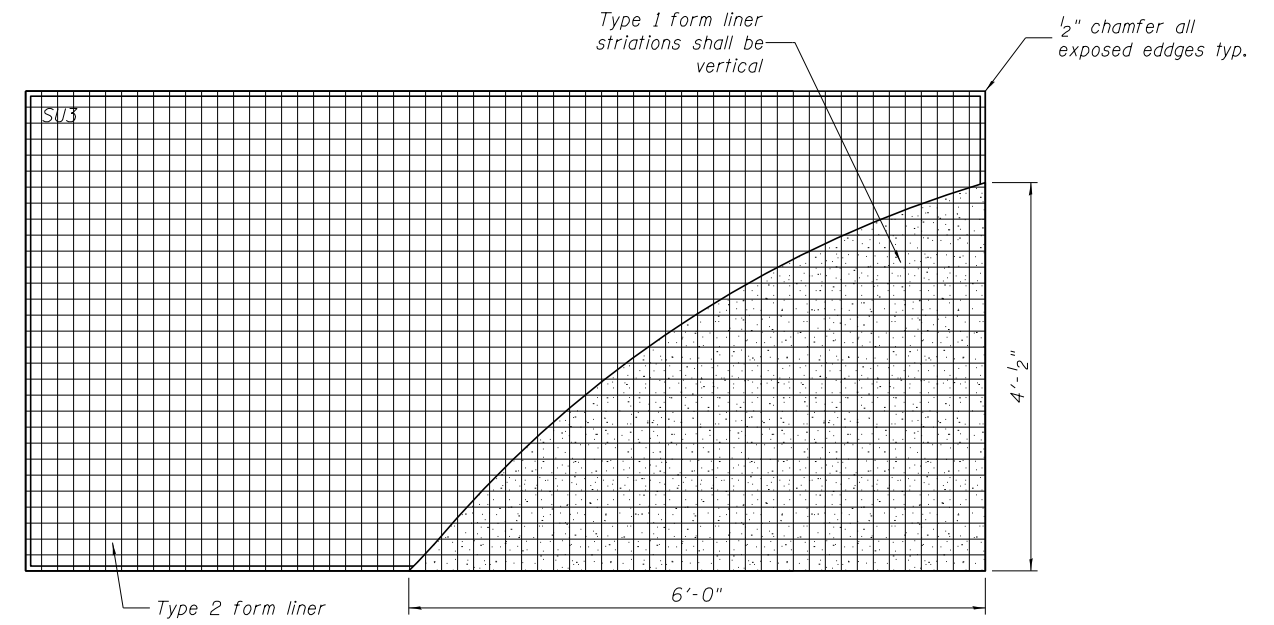
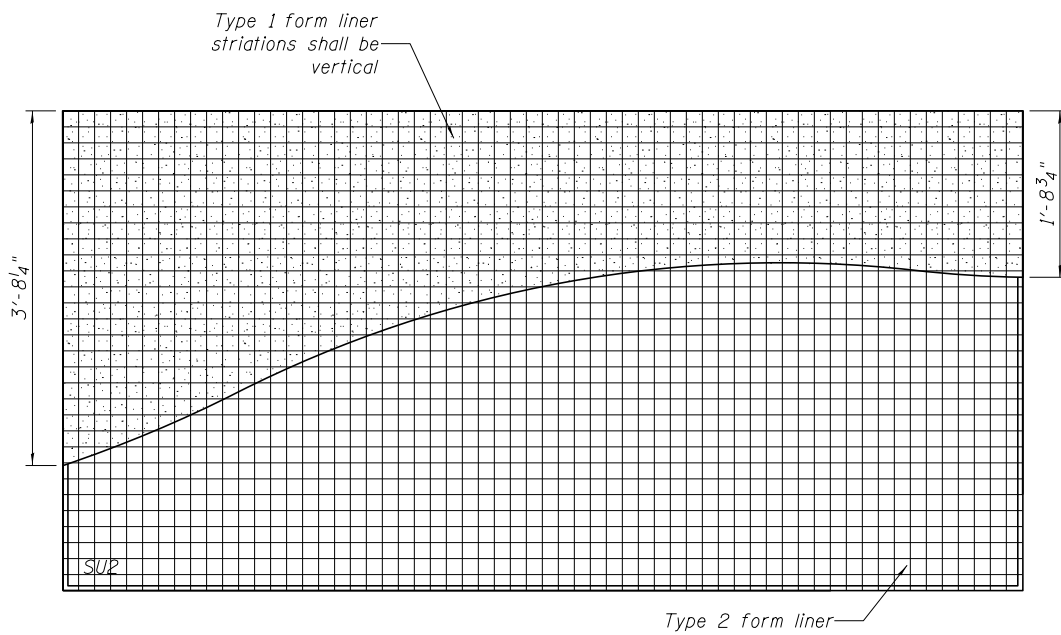
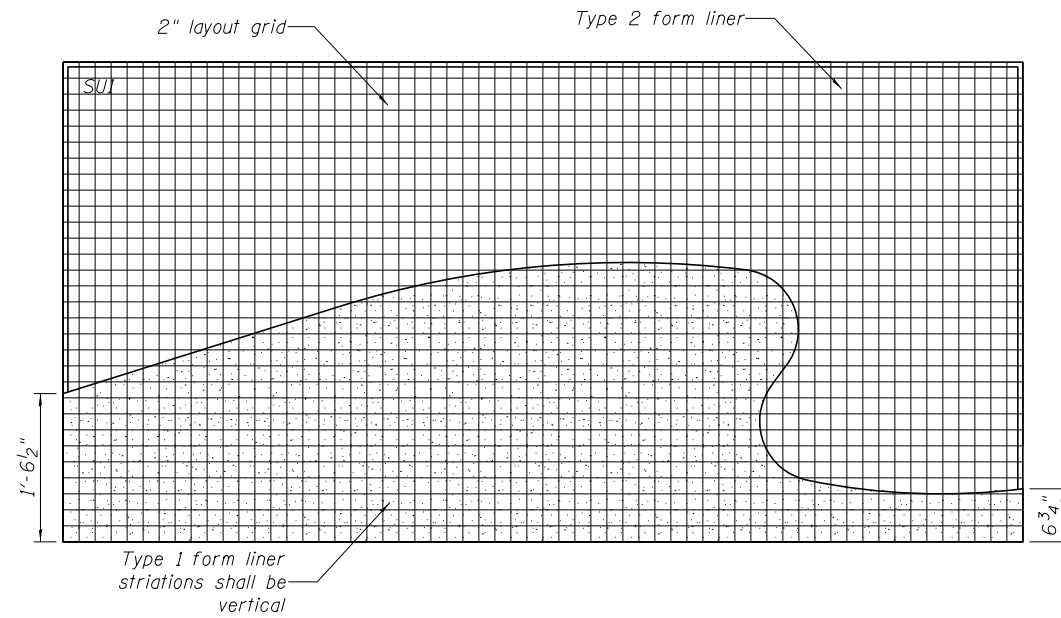
FILE NAME = ILLINOIS MSE WALLS	USER NAME = SHIVE HATTERY	DESIGNED - B. HANNAH	REVISED -
		CHECKED - B. HANNAH	REVISED -
	PLOT SCALE =	DRAWN - M. ROSS	REVISED -
	PLOT DATE = 02/05/2016	CHECKED - 5/8/2015	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MSE WALL
AESTHETIC DETAILS MSE WALL PANEL ELEVATION

SHEET NO. 5 OF 6 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1216
PROJECT NO. 92-032-01		CONTRACT NO. 64C08		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



MSA WALL PANEL ELEVATIONS
(Patterns SU1, SU2, SU3 and SU4)

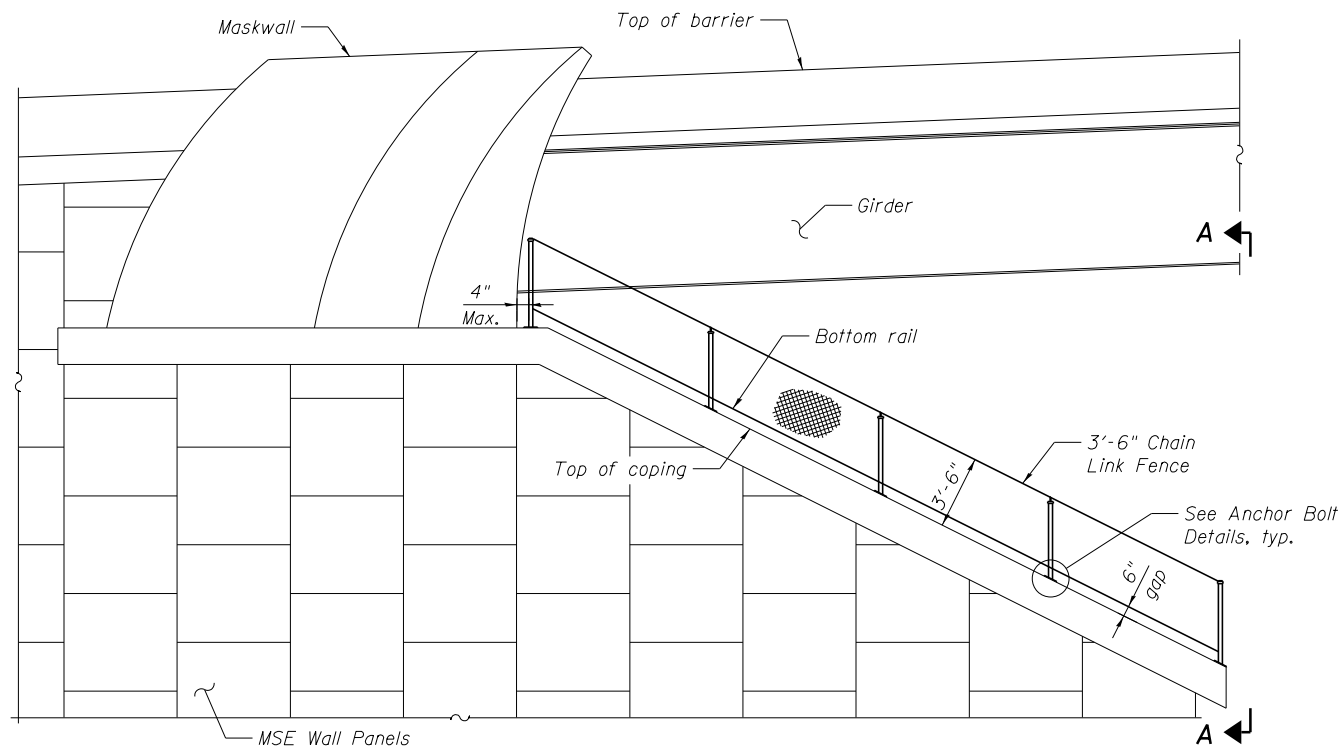
FILE NAME = ILLINOIS MSE WALLS	USER NAME = SHIVE HATTERY	DESIGNED - B. HANNAH	REVISED - _____
		CHECKED - B. HANNAH	REVISED - _____
	PLOT SCALE =	DRAWN - M. ROSS	REVISED - _____
	PLOT DATE = 02/05/2016	CHECKED - 5/8/2015	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

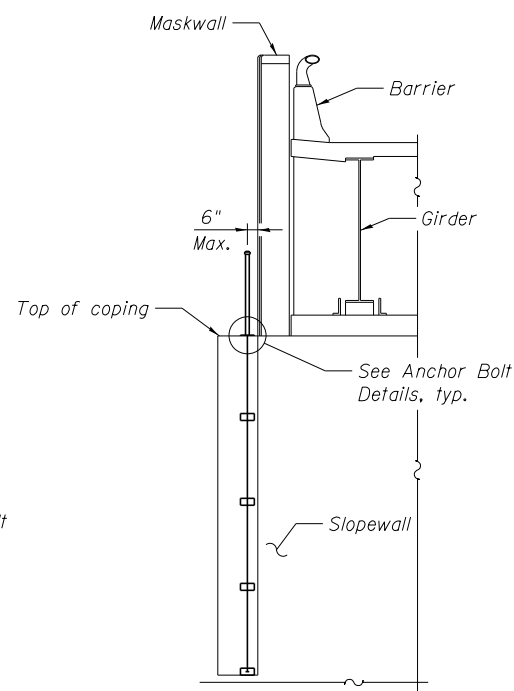
MSE WALL
AESTHETIC DETAILS MSE WALL PANEL ELEVATION

SHEET NO. 6 OF 6 SHEETS

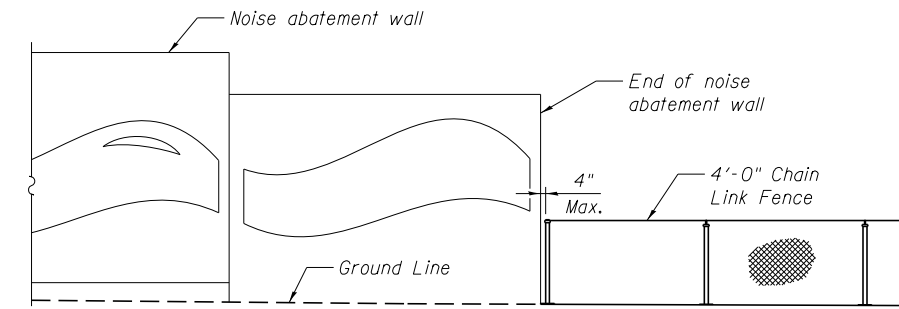
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1217
PROJECT NO. 92-032-01		CONTRACT NO. 64C08		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				



SLOPEWALL FENCE AT MSE WALL COPING

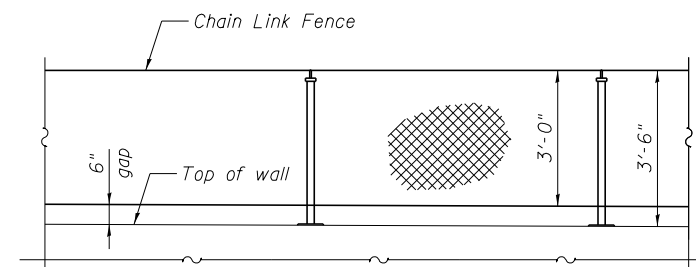


VIEW A-A



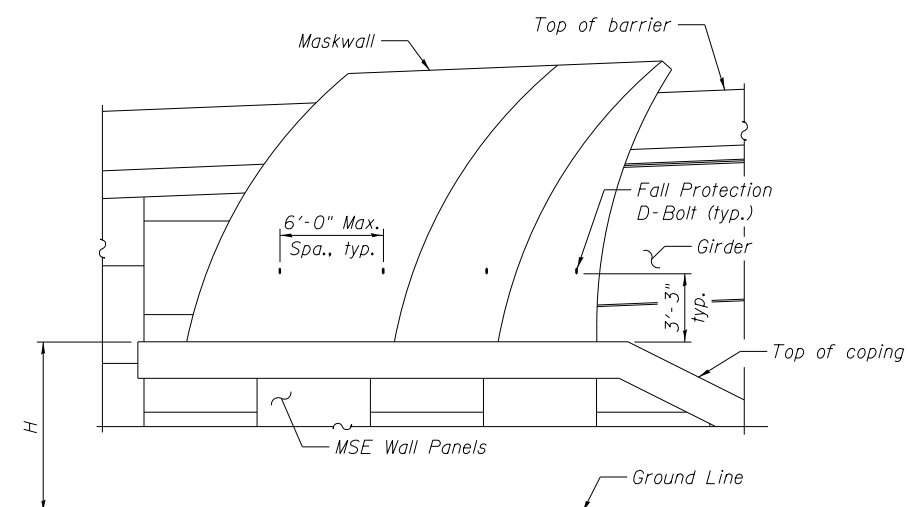
4'-0" TALL FENCE ABUTTING TO NOISE WALL

The centerline of the abutting fence shall be in line with the centerline of noisewall. The gap between the fence and noise wall shall not be more than 4".



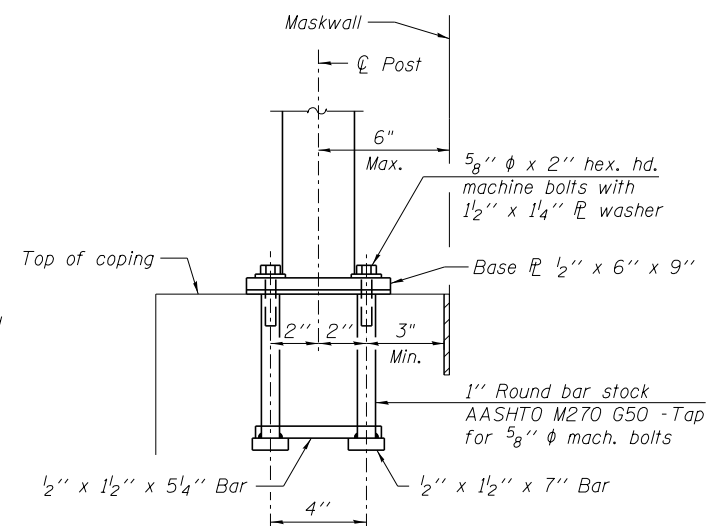
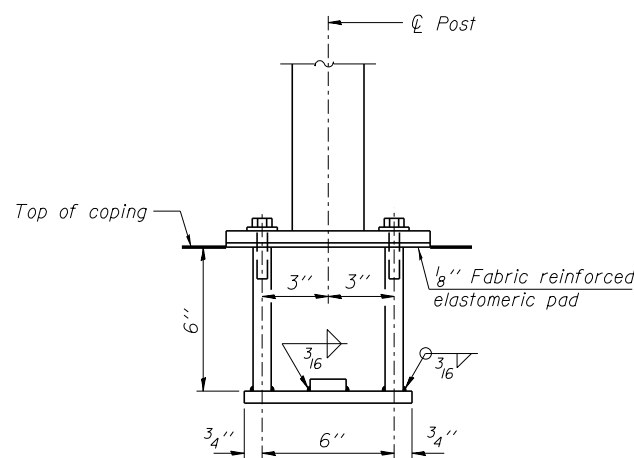
BOTTOM OF CHAIN LINK FENCE DETAIL AT MSE WALL

Bottom of fence fabric shall be 6" from the top of wall to mitigate trash accumulation.



FALL PROTECTION D-BOLT DETAIL

D-Bolts are required at maskwalls if "H" dimension is greater than or equal to 6'-0".



ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" phi anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

NOTES:

Refer to Special Provision for "Chain Link Fence, 4'."

Installer of the fence shall not place any placards or identifications of their company, or any signage on the fence.

D-Bolts shall be in accordance with ANSI/ASSE Z359, OSHA 196.500 and 1926.502, and shall have minimum pullout strength of 5000 lbs.

3'-6" tall Chain link fence shall be measured and paid for as "Chain Link Fence, 4'."

The cost for furnishing and installing D-Bolts shall be incidental to the item "Chain Link Fence, 4'."

The cost of furnishing and installing anchor bolts and base plates shall be incidental to the item "Chain Link Fence, 4'."

The details on this sheet shall augment and supersede those on IL Standard sheet 664001-02.

benesch
engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10061

FILE NAME =
ILLINOIS Chain Link Fence Details.dgn
MODEL:
Default

USER NAME = ksnider
PLOT SCALE =
PLOT DATE = 1/18/2017

DESIGNED - TJJ
CHECKED - SLD
DRAWN - KMS
CHECKED - SLD

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CHAIN LINK FENCE DETAILS

SHEET NO. 1 OF 1 SHEETS

F.A.I. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	1218
				CONTRACT NO. 64C08
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED (DETAILS FOR CURB & GUTTER REPLACEMENT)

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 1-1/2 IN DIAMETER AND 9 DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 1-1/4 X 18 SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

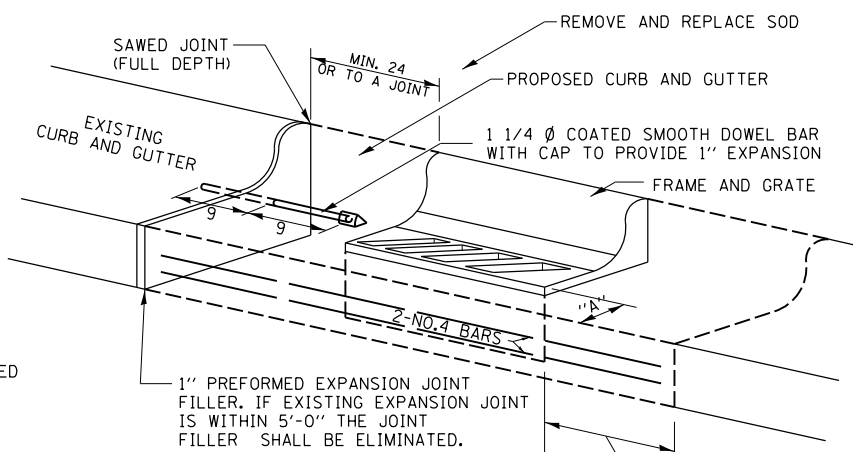
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS AND INCLUDES THE REMOVAL AND REPLACEMENT OF SOD, CONCRETE PAVEMENT AND/OR CURB AND GUTTER ADJACENT TO CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AND SHALL BE INCLUDED IN THE PAY ITEM OF CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AS SPECIFIED.

REVISED - 9-30-11



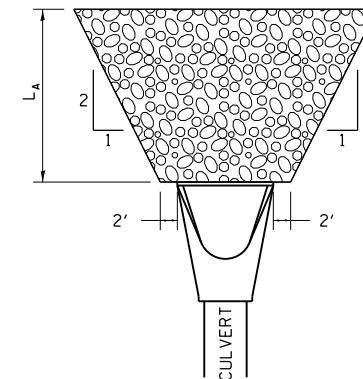
WHEN "A" IS GREATER THAN 2', 2-NO. 4 BARS SHALL BE PLACED AS SHOWN.

SAME REPAIR AS INDICATED ON OTHER SIDE OF FRAME AND GRATE.

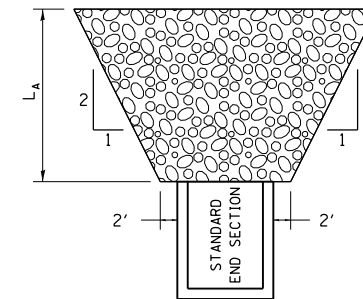
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED 17.4

RIPRAP AT END SECTIONS

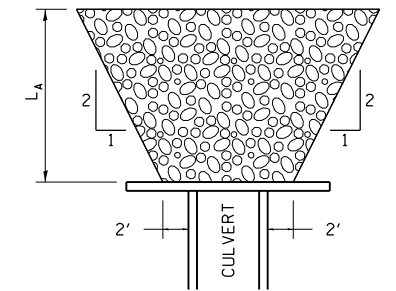


FLARED END SECTION

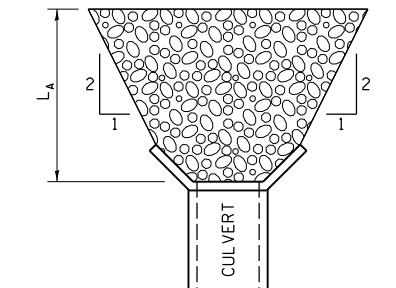


STANDARD END SECTION

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



CULVERT WITH HEADWALL



CULVERT WITH WING WALLS

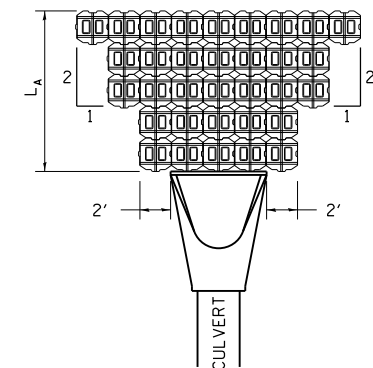
L_A = APRON LENGTH (ft)

IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, RIPRAP BANK TO BANK FOR LENGTH (L_A).

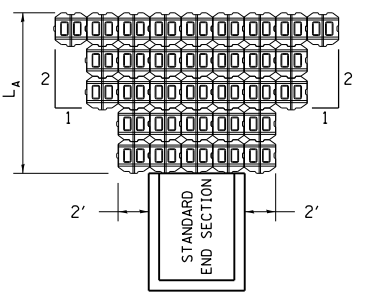
STANDARD END SECTION:
542001 (PIPE), 542011 (ELLIPTICAL)
DISTRICT STANDARD 10.1 (BOX).

RIPRAP AT END SECTIONS 19.4

CONCRETE REVETMENT MAT AT END SECTIONS



FLARED END SECTION



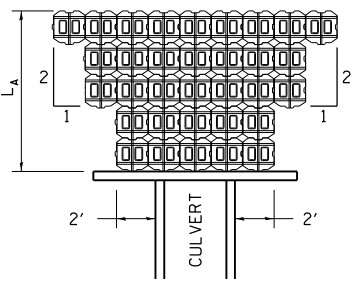
STANDARD END SECTION

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

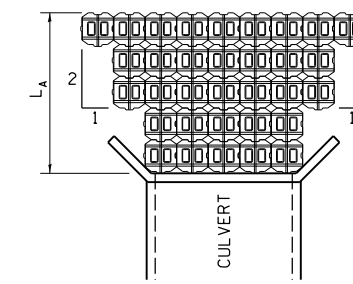
L_A = APRON LENGTH (ft)

IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, INSTALL BLOCK BANK TO BANK FOR LENGTH (L_A).

STANDARD END SECTION:
542001 (PIPE), 542011 (ELLIPTICAL)
DISTRICT STANDARD 10.1 (BOX).



CULVERT WITH HEADWALL

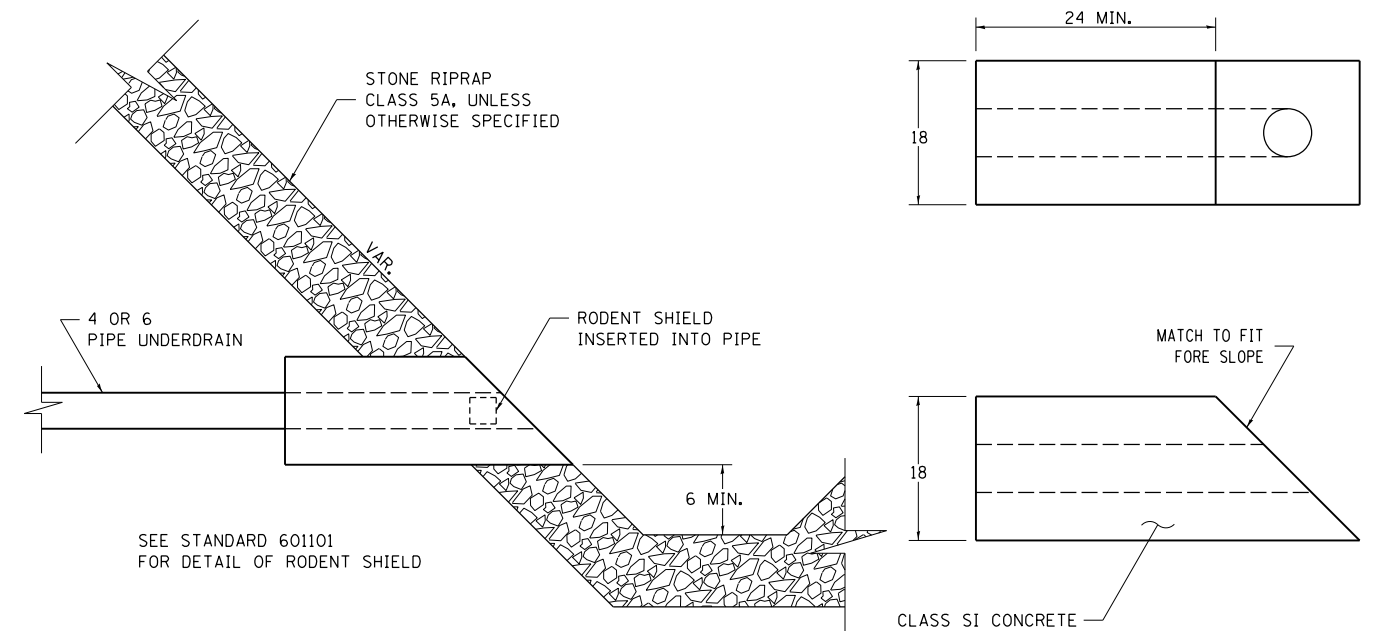


CULVERT WITH WING WALLS

Station	Offset	Velocity (ft/sec)	Slope (ft/ft)	Depth of Flow (ft)	Shear Stress (lb/ft ²)
421+77	41.1' LT	5.97	0.5% (MIN)	0.43	0.13

CONCRETE REVETMENT MAT AT END SECTIONS 19.4a

CONCRETE HEADWALLS FOR PIPE DRAINS



SEE STANDARD 601101 FOR DETAIL OF RODENT SHIELD

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

LAYOUT
DRAWN
REVIEWED

11/20/2014
11/20/2014
10/21/2015

CBP
CBP
AAP

REVISED -	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11-12-14	74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	1219
10-03-11					CONTRACT NO. 64C08
					ILLINOIS FED. AID PROJECT

REGION 2 / DISTRICT 2 STANDARD

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

CONCRETE HEADWALLS FOR PIPE DRAINS 27.4

PLOT DATE = 1/19/2017

DETAIL OF CONCRETE STEPS

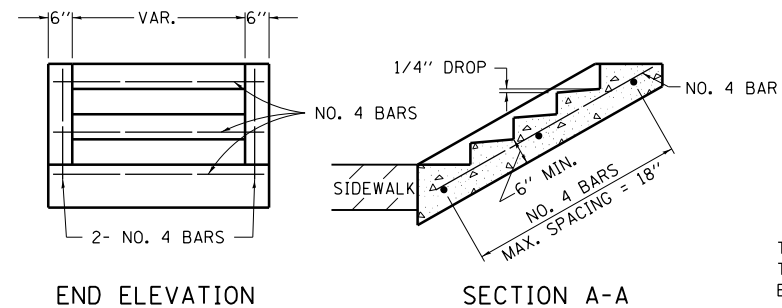


TABLE OF TREADS & RISERS

SLOPE	TREAD	RISER
1:2	12"	6"
1:3	15"	5"
1:4	17"	4 1/4"

WHERE SLOPES FALL BETWEEN THOSE SHOWN IN THE TABLE ABOVE, THE STAIR RAIL SHOULD FIT THE SLOPE AND THE TREAD IN INCHES x THE RISER IN INCHES SHOULD BE BETWEEN 72 AND 78.

EXAMPLE:

FOR A 1:4 SLOPE USE $y = \text{RISER HEIGHT}$ $4y^2 = 75''$.
 SOLVING $y^2 = \frac{75''}{4}$, $y = 4.3''$ (USE 4 1/4" FOR CONVENIENCE.)
 TREAD WOULD THEN BE $4 \frac{1}{4}'' \times 4 = 17''$

COST OF REINFORCEMENT BARS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LBS FOR REINFORCEMENT BARS.

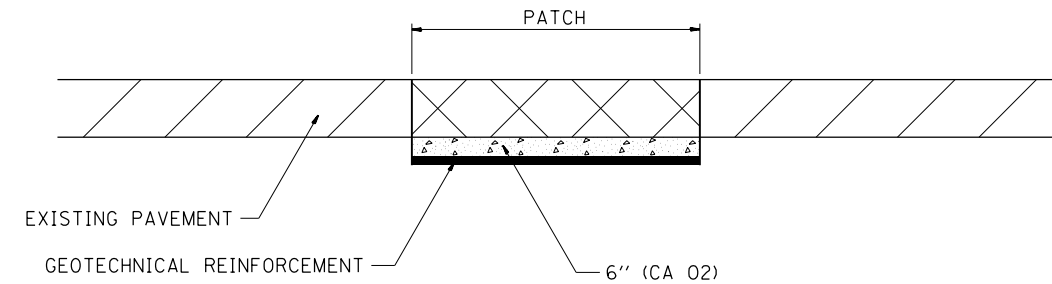
CLASS SI CONCRETE SHALL BE USED THROUGHOUT, WHICH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STEPS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 8-27-13
 REVISED - 10-03-11

DETAIL OF CONCRETE STEPS 71.4

SUBGRADE REPLACEMENT



NOTES:

THE CA 02 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-13-13

SUBGRADE REPLACEMENT 97.4

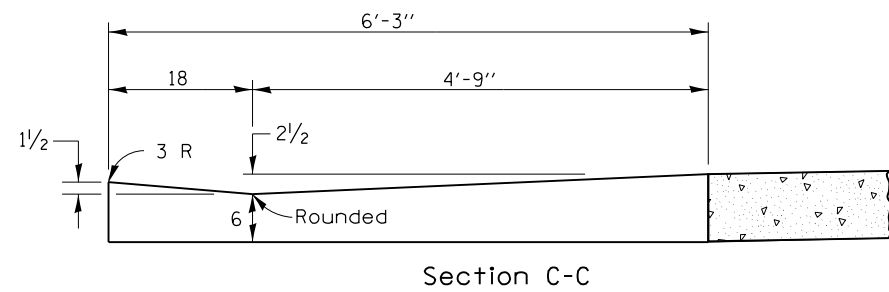
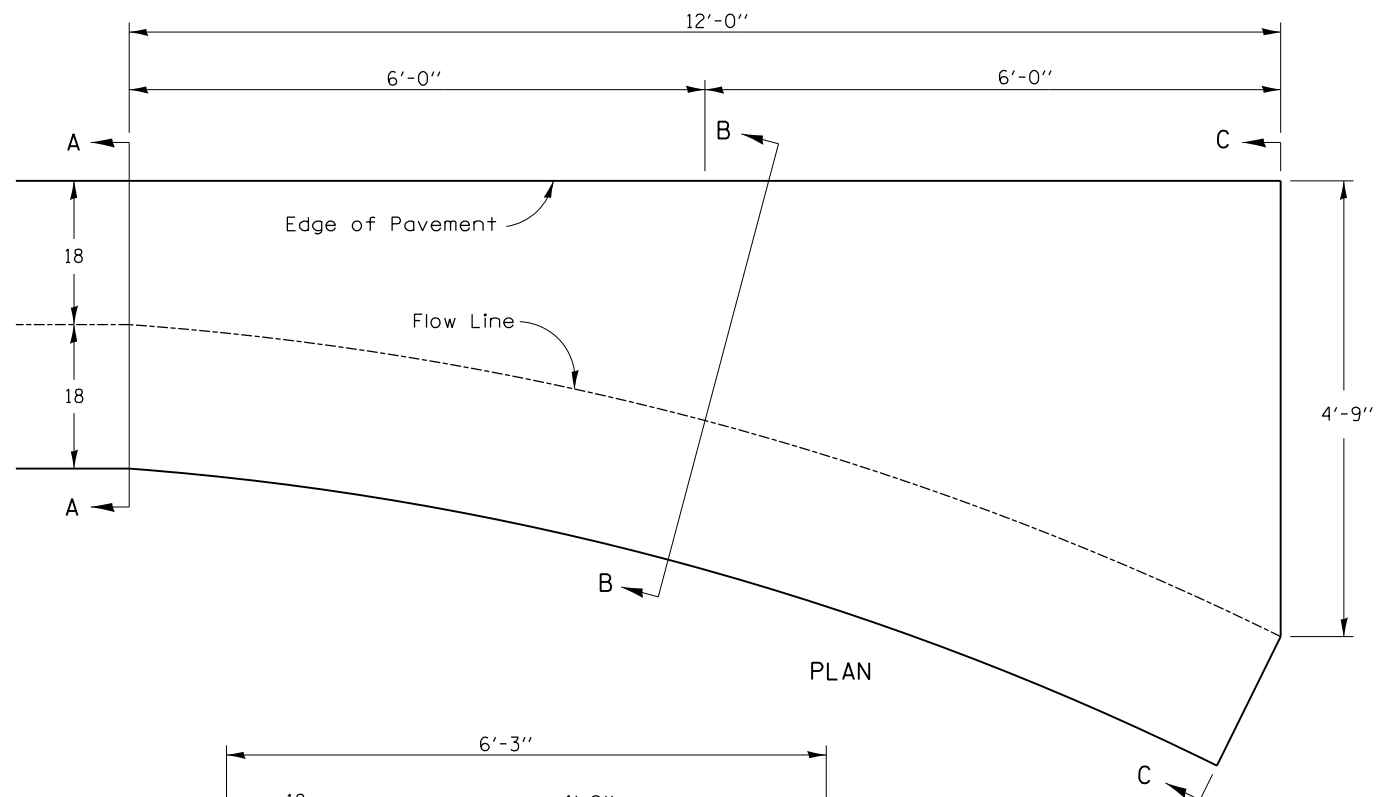
LAYOUT	CBP	11/20/2014
DRAWN	CBP	11/20/2014
REVIEWED	AAP	10/21/2015

1/20/2017

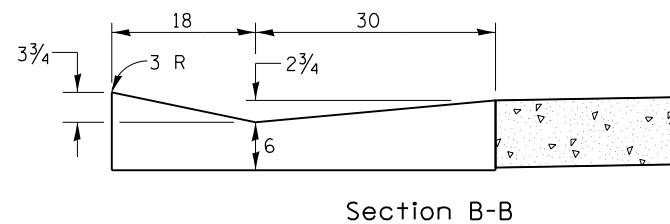
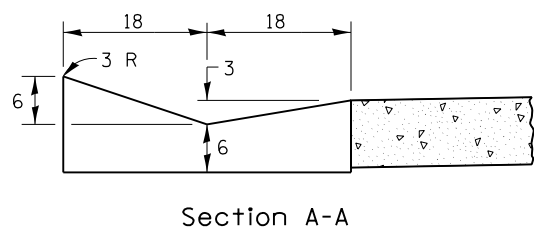
REVIS	REVIS	REVIS	REVIS	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	-	-								74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1221
											CONTRACT NO. 64C08				
											ILLINOIS FED. AID PROJECT				

PLOT DATE = 1/19/2017

STANDARD INLET FOR TYPE A GUTTER (SPECIAL)



- QUANTITY -
Section A-A to C-C
1.2 Cu. Yds.
Class SI Concrete



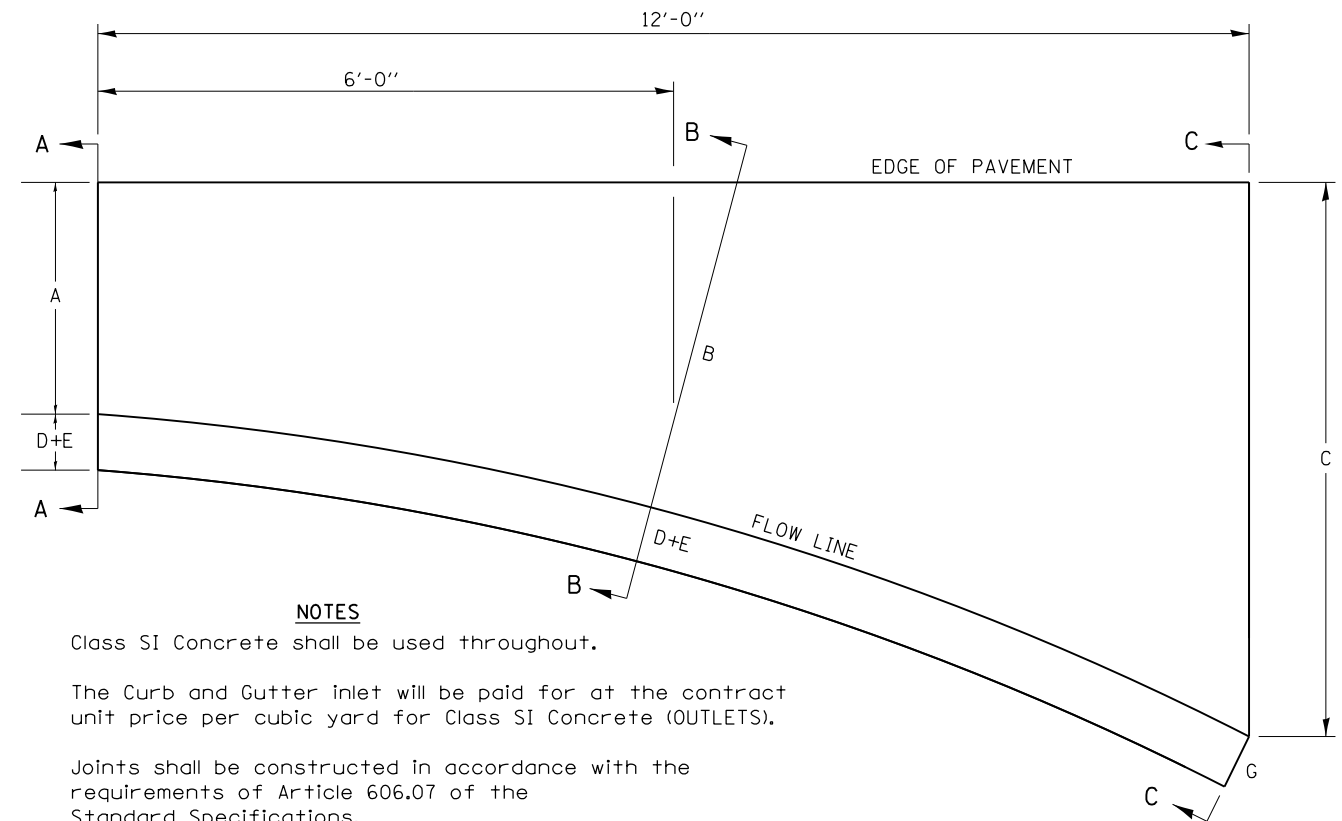
Class SI Concrete shall be used throughout.
The gutter inlet will be paid for at the contract unit price per cubic yard for Class SI Concrete (OUTLETS)

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 12-04-13

LAYOUT	11/20/2014
DRAWN	11/20/2014
REVIEWED	10/21/2015

STANDARD INLET FOR CURB & GUTTER



NOTES

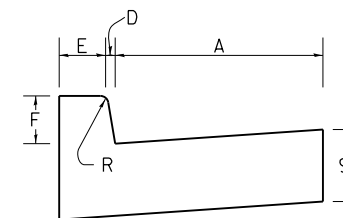
Class SI Concrete shall be used throughout.

The Curb and Gutter inlet will be paid for at the contract unit price per cubic yard for Class SI Concrete (OUTLETS).

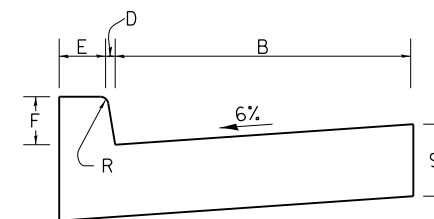
Joints shall be constructed in accordance with the requirements of Article 606.07 of the Standard Specifications.

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 noted.

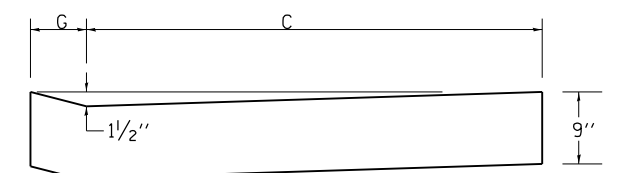


SECTION A-A



SECTION B-B

TYPE OF CURB & GUTTER	TABLE OF DIMENSIONS								CONCRETE QUANTITY A-A TO C-C (CU YDS)
	A	B	C	D	E	F	G	R	
B-6.06	6	15	4'	1	6	6	7	1	0.87
B-6.12	12	18.25	4'	1	6	6	7	1	0.95
B-6.18	18	27.25	4' 9"	1	6	6	7	1	1.18
B-6.24	24	32.4	4' 9"	1	6	6	7	1	1.30
M-4.06	6	17.8	3' 9"	4	3	4	7	3	0.75
M-4.12	12	18.25	4'	4	3	4	7	3	0.91
M-4.18	18	27.25	4' 9"	4	3	4	7	3	1.14
M-4.24	24	32.4	4' 9"	4	3	4	7	3	1.25
M-6.06	6	17.8	3' 9"	6	2	6	8	3	0.86
M-6.12	12	18.25	4'	6	2	6	8	2	0.96
M-6.18	18	27.25	4' 9"	6	2	6	8	2	1.20
M-6.24	24	32.4	4' 9"	6	2	6	8	2	1.30



SECTION C-C

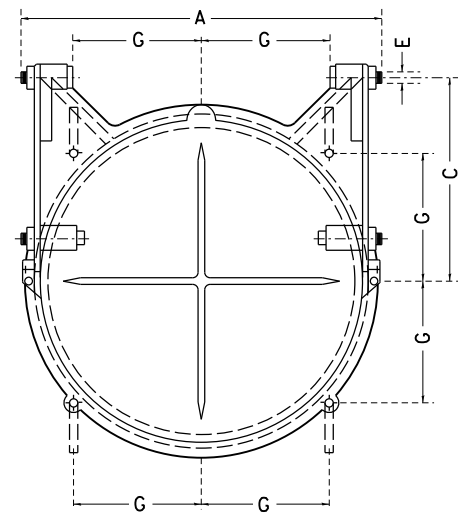
REVISED - 11-12-14
REVISED - 8-27-13
REVISED - 10-10-06
REVISED -

REGION 2 / DISTRICT 2 STANDARD

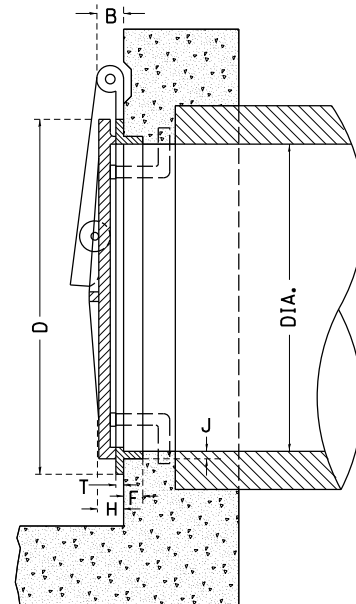
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1222
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

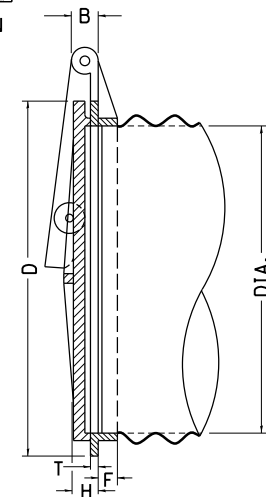
AUTOMATIC FLAP GATE



FRONT ELEVATION



SECTION



SECTION SHOWING METHOD OF APPLICATION TO CORRUGATED METAL PIPE

IT IS INTENDED THAT THE AUTOMATIC FLAP GATES SHALL BE A COMMERCIAL PRODUCT PRODUCED BY A RELIABLE MANUFACTURER. THE GATE MAY BE MADE OF CAST IRON, CAST STEEL OR OTHER SUITABLE MATERIALS. THE DESIGN MAY DIFFER FROM THE DRAWING IF IT WILL WORK IN A SATISFACTORY, TROUBLE FREE MANNER AND WILL WITHSTAND THE WATER PRESSURE AT THE INSTALLATION LOCATION. THE GATE SHALL BE APPROVED BY THE ENGINEER.

THE SIZE OF AUTOMATIC FLAP GATES SHALL REFER TO THE DIAMETER OF THE OUTLET PIPE OR OPENING.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR FLAP GATE OF THE SIZE SPECIFIED AND SHALL INCLUDE ALL MATERIALS AND COMPLETE INSTALLATION.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TABLE OF DIMENSIONS

DIAM	A	B	C	D	E	F	G	H	J	T
8	10 3/4	1 3/8	5 1/16	10	1/2	1 1/8	3 9/16	1 1/4	3/8	3/8
10	12 3/4	1 3/8	7 1/8	12 1/4	1/2	1 1/8	4 3/8	1 1/2	1/2	7/16
12	14 3/4	1 3/8	8 1/2	14 1/2	1/2	1 1/8	5 1/8	1 1/2	1/2	1/2
14	17 1/4	1 3/8	9 7/8	16 3/4	1/2	1 1/4	5 15/16	1 1/2	1/2	9/16
15	17 3/4	1 3/8	10 5/8	17 3/4	1/2	1 1/4	6 1/4	1 1/2	1/2	9/16
16	19 1/4	1 3/8	11 1/4	18 3/4	1/2	1 1/4	6 5/8	1 1/2	1/2	9/16
18	22 1/4	2	12 5/8	21	3/4	1 9/16	7 7/16	1 3/4	9/16	9/16
20	24 3/4	2	14 1/8	23 3/4	3/4	1 3/8	8 1/4	1 3/4	5/8	5/8
21	25 1/4	2	14 7/8	24 1/4	3/4	1 3/8	8 9/16	1 3/4	5/8	5/8
24	28 1/4	2	17	27 1/2	3/4	1 1/2	9 3/4	1 3/4	5/8	5/8
30	35 1/4	2 1/2	20 1/2	34	1	1 9/16	12	2	1 1/16	5/8
36	41 1/2	2 1/2	25	40 7/8	1	2 1/16	14 1/16	2 1/4	1 1/8	11/16
42	47 1/2	2 1/2	29 3/4	47	1	2 5/16	16 5/8	2 1/4	1 1/8	3/4
48	53 1/2	2 1/2	34	54	1	2 3/4	19 1/16	2 1/4	1 3/8	3/4
54	60 3/4	2 1/2	38	62 1/4	1 1/4	2 3/4	22	3	1 1/2	7/8
60	67	2 1/2	42	68 1/2	1 1/4	2 3/4	24 1/4	3	1 1/2	15/16
66	73 3/8	2 1/2	47	75	1 1/4	2 7/8	26 1/2	3	1 1/2	1
72	79	2 1/2	51	82	1 1/4	3	29	3	1 1/2	1
78	86	2 1/2	55 1/4	88 3/4	1 1/4	3 1/2	31 3/8	3	1 5/8	1 1/8
84	92 1/2	3 1/2	59 1/2	95 1/2	1 1/2	3 1/2	33 3/4	3	1 3/4	1 1/4

REVISED - 10-14-11

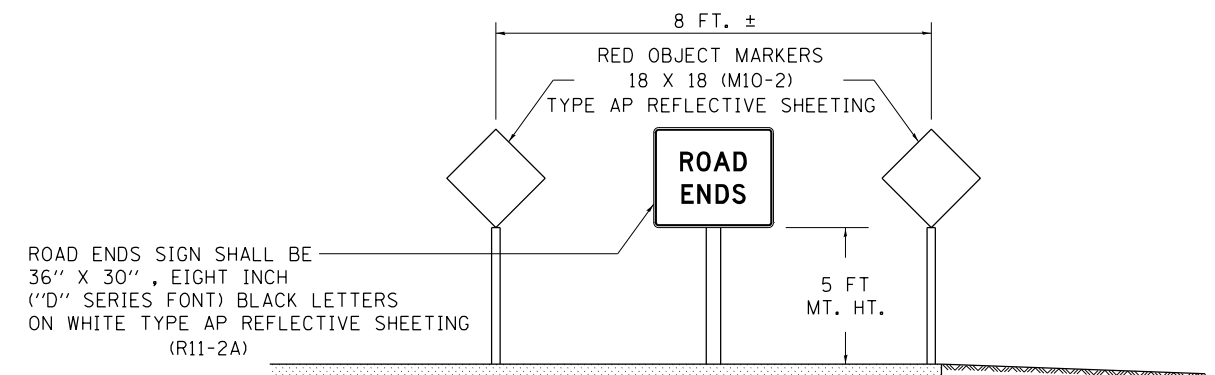
1/20/2017

TERMINATION OF DEAD END ROADS

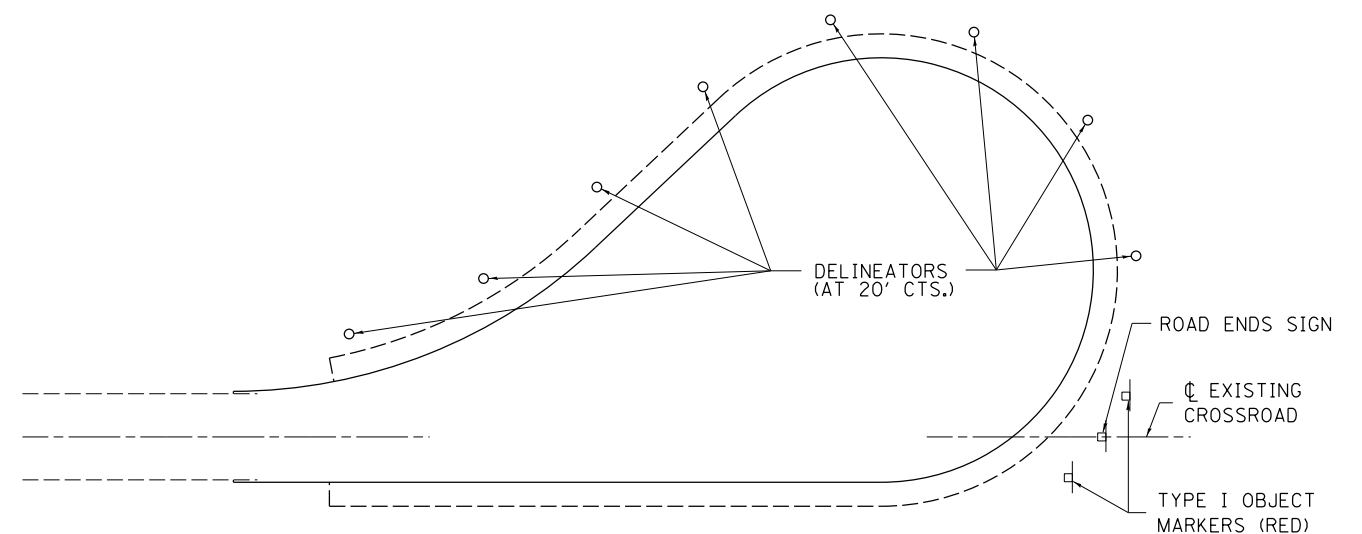
NOTES: A "NO OUTLET" (36"x36" YELLOW) SIGN SHALL BE ERECTED SLIGHTLY BEYOND THE LAST ROAD INTERSECTING THE ROAD WITH NO OUTLET. IF THIS INTERSECTION IS MORE THAN 1500 FT FROM TERMINATION POINT, OR IF SIGHT DISTANCE TO THE CLOSURE IS LESS THAN 500 FT, A ROAD ENDS 500 FT (WB-16) SIGN SHALL BE ERECTED 500 FT IN ADVANCE OF THE TERMINATION OF THE ROAD. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "TERMINATION OF DEAD END ROADS" WHICH PRICE SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSTALL THE SIGNS AND DELINEATORS.

USE 4X6 WOOD POSTS INSTALLED IN ACCORDANCE WITH SECTION 730 OF STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. USE APPLICABLE PARTS OF STANDARD 720001 FOR SIGN MOUNTING.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



TERMINATION SIGNING



TRAFFIC CONTROL TYPICAL CUL-DE-SAC

LAYOUT
DRAWN
REVIEWED

CBP
CBP
AAP

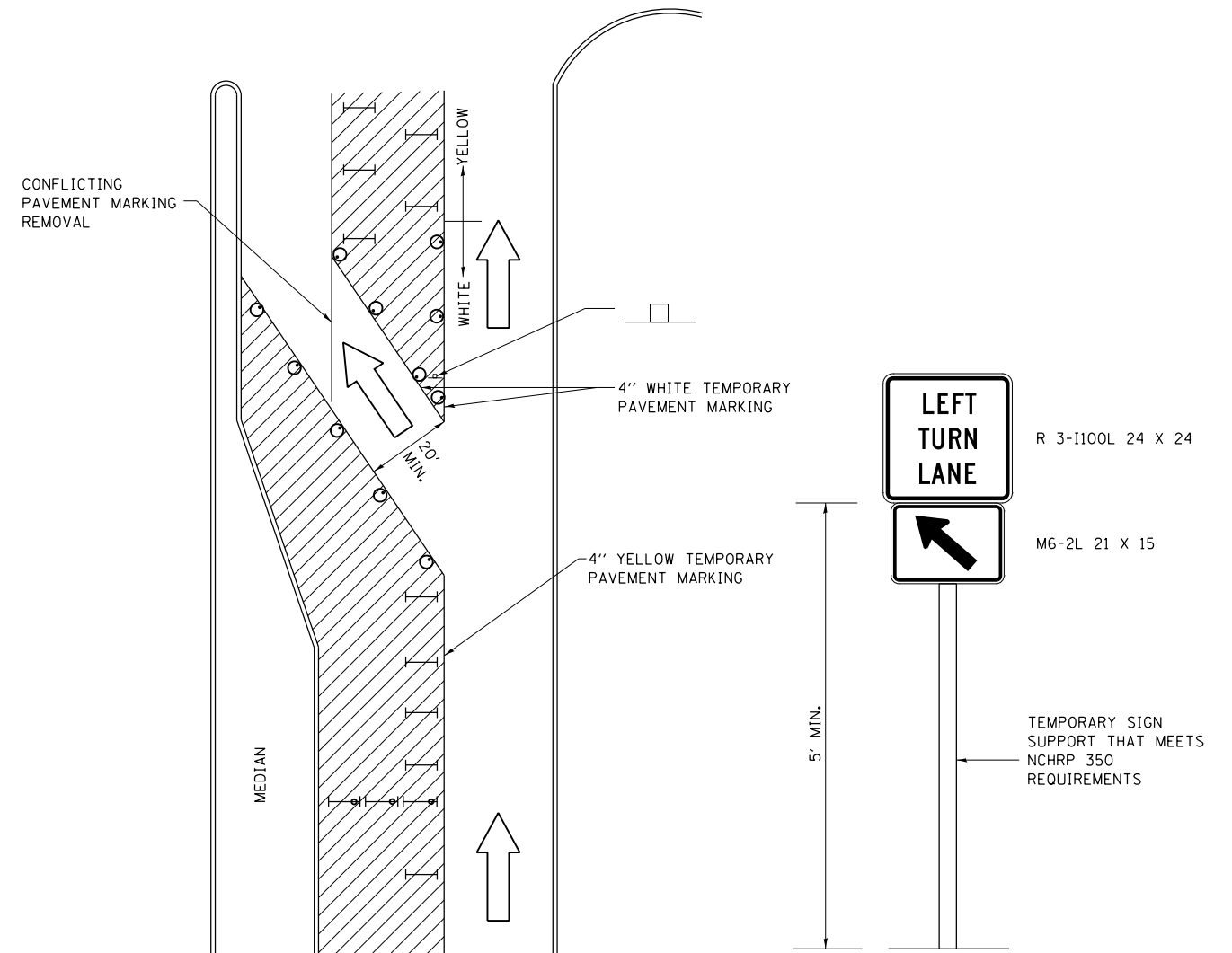
11/20/2014
11/20/2014
10/21/2015

REVISED - 11-12-14	REGION 2 / DISTRICT 2 STANDARD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-14-11		74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1224
REVISED -		CONTRACT NO. 64C08				
REVISED -		ILLINOIS FED. AID PROJECT				

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

PLOT DATE = 1/19/2017

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT
- DRUM OR BARRICADE WITH STEADY BURN LIGHT
- SIGN (SEE DETAIL)
- TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN

GENERAL NOTES

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED.

THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

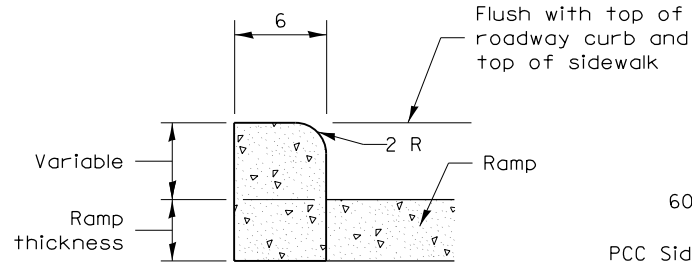
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

LAYOUT	CBP	11/20/2014
DRAWN	CBP	11/20/2014
REVIEWED	AAP	10/21/2015

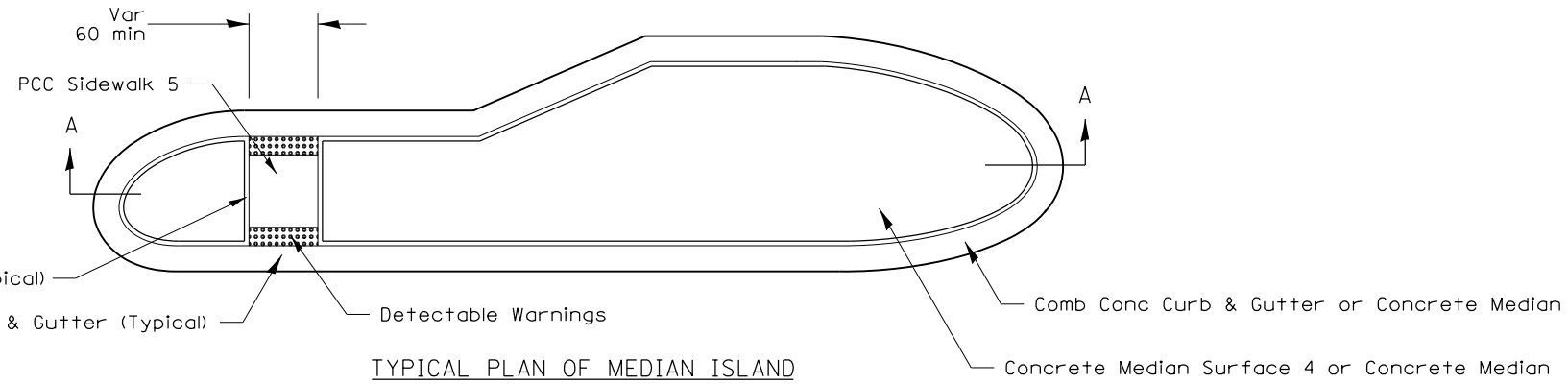
1/20/2017

REVISED - 10-14-11	REGION 2 / DISTRICT 2 STANDARD			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -				74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	1225
REVISED -				CONTRACT NO. 64C08				
REVISED -	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

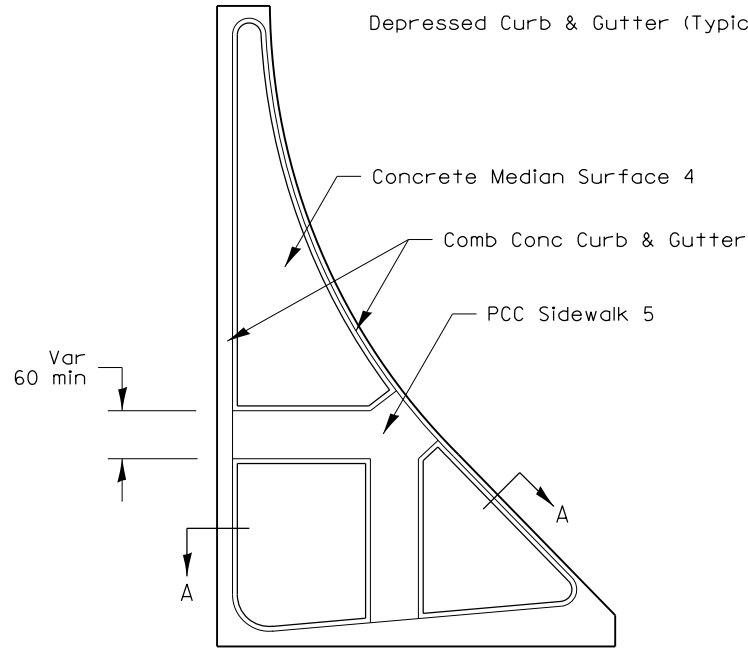
PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED



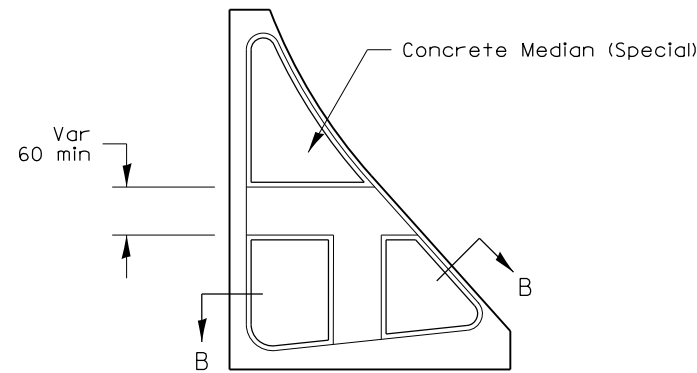
SIDE CURB DETAIL



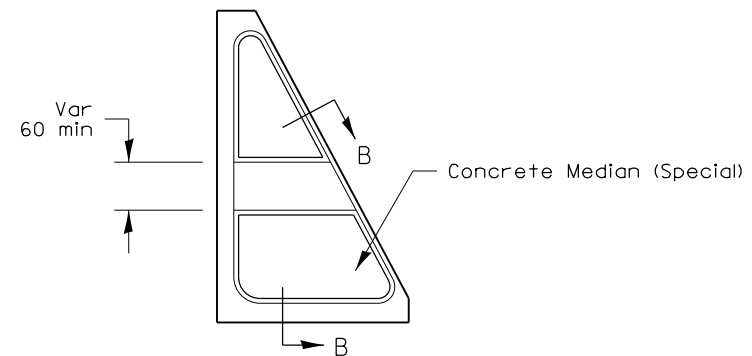
TYPICAL PLAN OF MEDIAN ISLAND



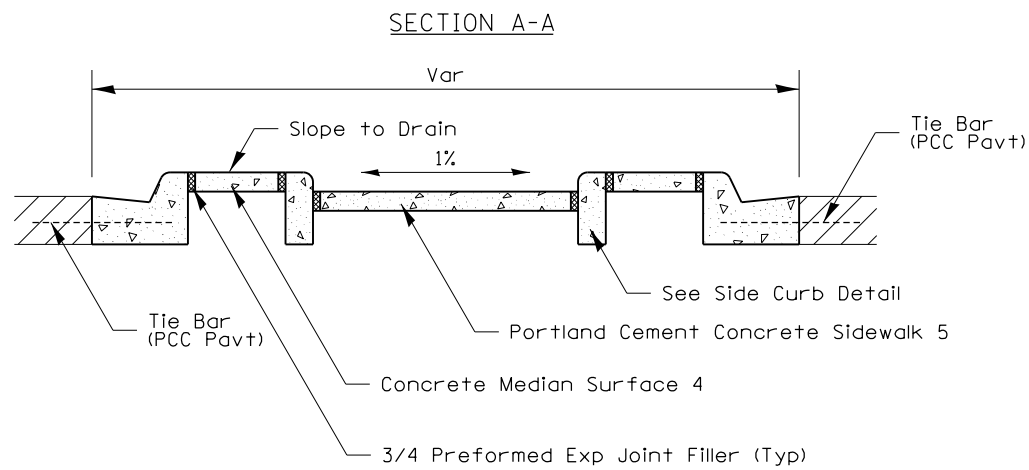
LARGE ISLAND
(Free Flow Design)



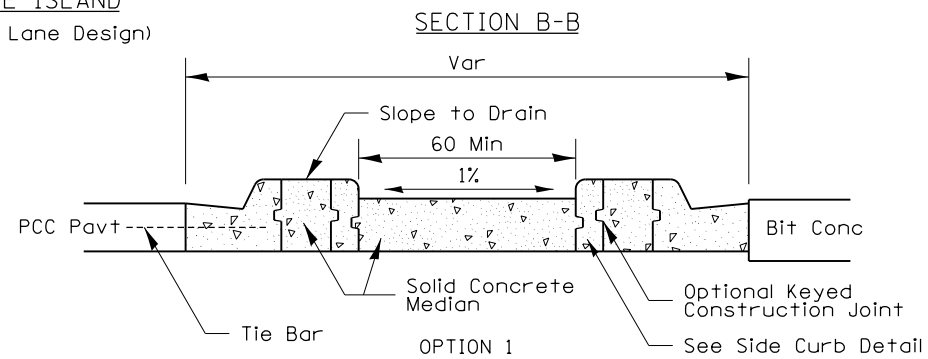
INTERMEDIATE ISLAND
(For Right Turn Lane Design)



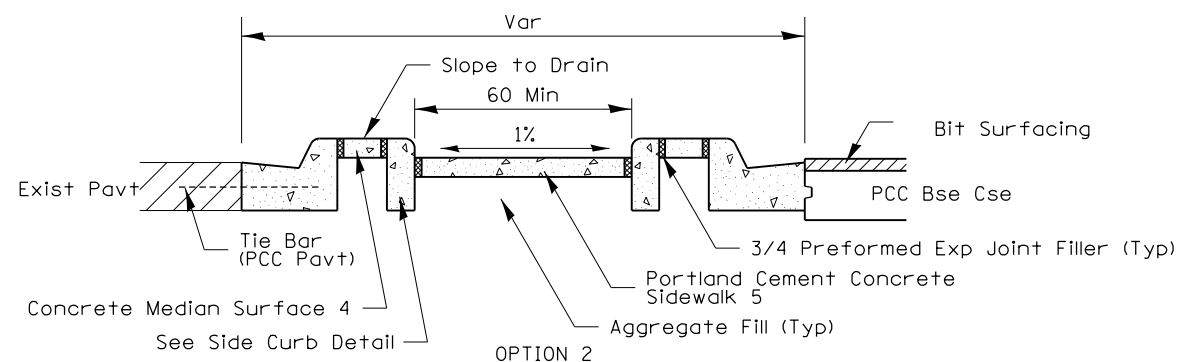
SMALL ISLAND
(For Typical Design)



SECTION A-A



SECTION B-B



OPTION 2

General Notes:
See Standard 606301 and plan sheets for station & offsets, radii, dimensions, and details not shown.

See Standard 424031 for sidewalk details not shown.

The sidewalk should drain to the low side of the island. If necessary the sidewalk shall be sloped to drain at 1%.

See the plan general notes for the type of curb & gutter to be used on islands.

The sidewalk should not be closer than 36 from the corner of the island.

Keyed longitudinal construction joints shall be constructed without tie bars.

Medians and large islands shall consist of PCC Sidewalk 5, Concrete Median Surface 4, and Combination Concrete Curb & Gutter, Type M or B of the size specified. Median island can also be solid concrete medians.

Locations, layouts, and widths of the flush sidewalk area, shall be determined by the designer and shown on the plans.

The intermediate and small islands will be measured for payment from E.O.P. to E.O.P. using either option 1 or option 2, as specified in the plans, and will be paid for at the contract unit price per SQ FT for CONCRETE MEDIAN (SPECIAL) which shall include the combination curb & gutter, sidewalk, aggregate fill, concrete median surface, and solid concrete median.

Omit detectable warnings when distance between back of curbs is less than 6'.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

LAYOUT	11/20/2014
DRAWN	CBP
REVIEWED	AAP
	11/20/2014
	2/3/2016

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	1-05-16
		DRAWN -		REVISOR -		REVISED -	6-27-14
		CHECKED -		REVISOR -		REVISED -	8-27-13
		DATE -	1/19/2017	REVISOR -		REVISED -	10-09-12

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

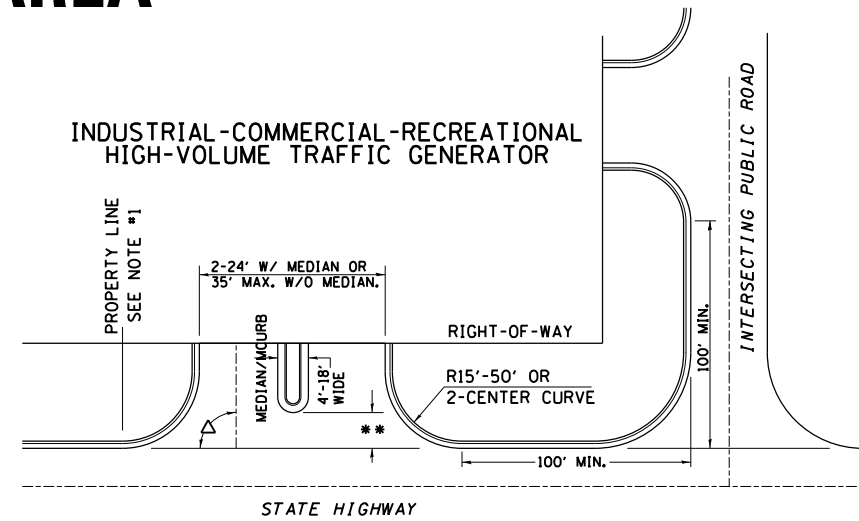
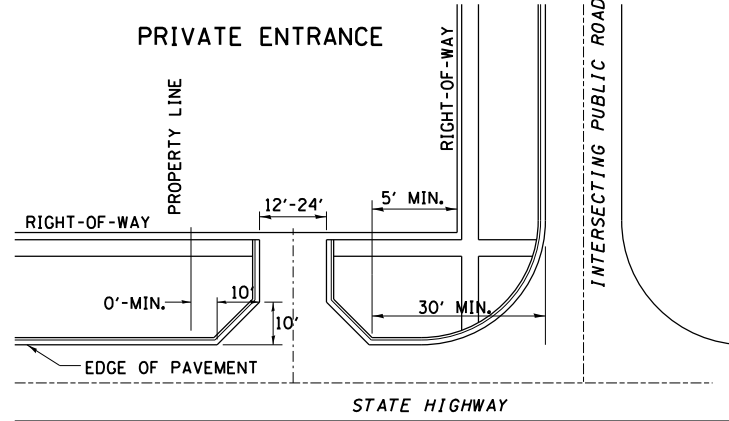
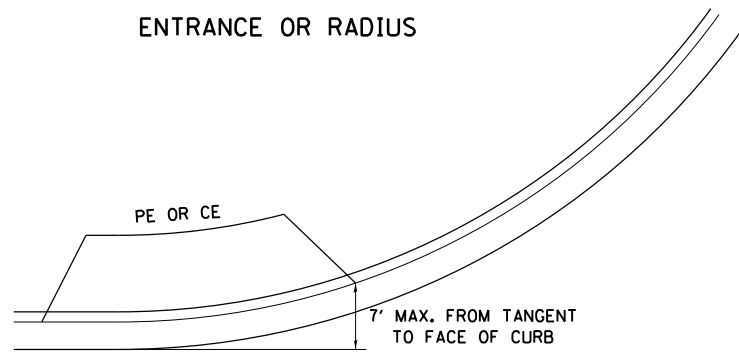
REGION 2 / DISTRICT 2 STANDARD

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	1226
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C08	

ENTRANCE APPROACHES – URBAN AREA

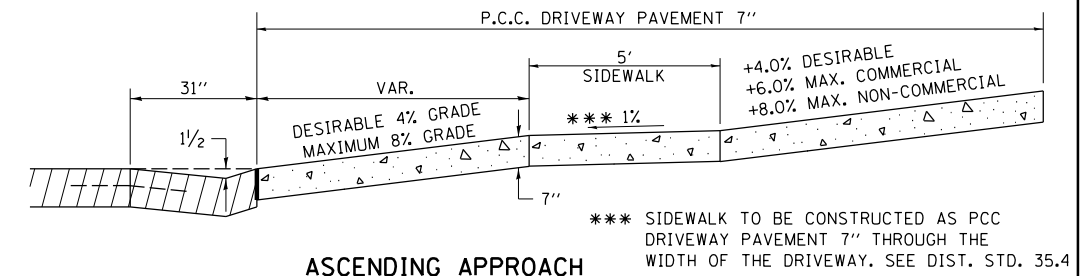
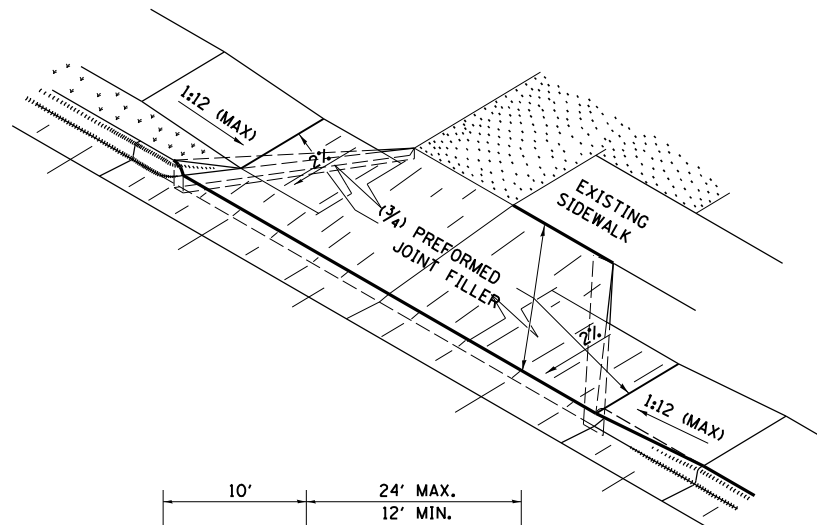
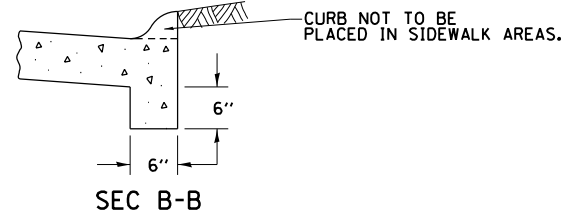
ENTRANCE OR RADIUS



A MINIMUM OF 440 FEET SHALL BE MAINTAINED BETWEEN CENTER LINES OF ADJACENT DRIVEWAYS.
 Δ 90° DESIRABLE, 45° MIN. ANGLE PERMITTED ONLY FOR ONE-WAY DRIVEWAYS.
 60° MIN. ANGLE FOR TWO-WAY DRIVEWAYS.

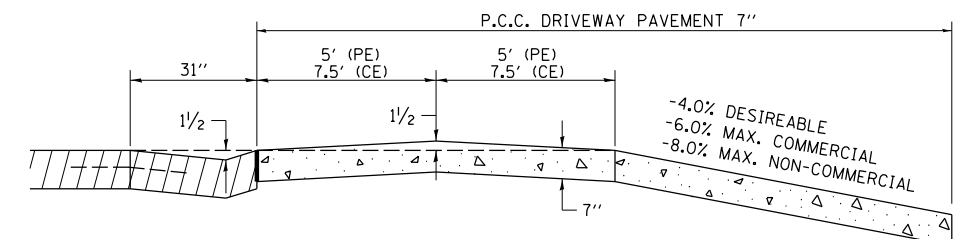
NOTE: #1 ENCROACHMENT ON THE ADJACENT PROPERTY OWNER LAND REQUIRES HIS OR HER WRITTEN APPROVAL.

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

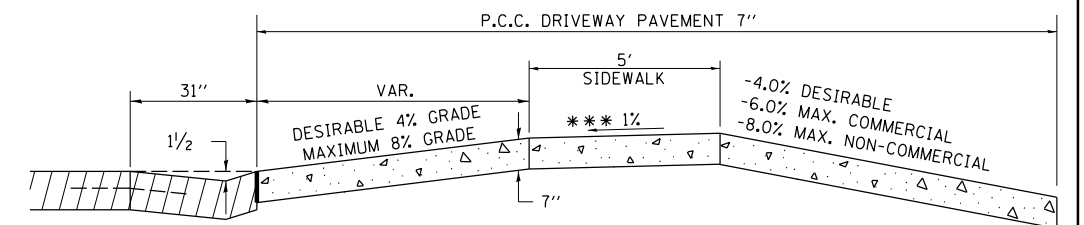


ASCENDING APPROACH

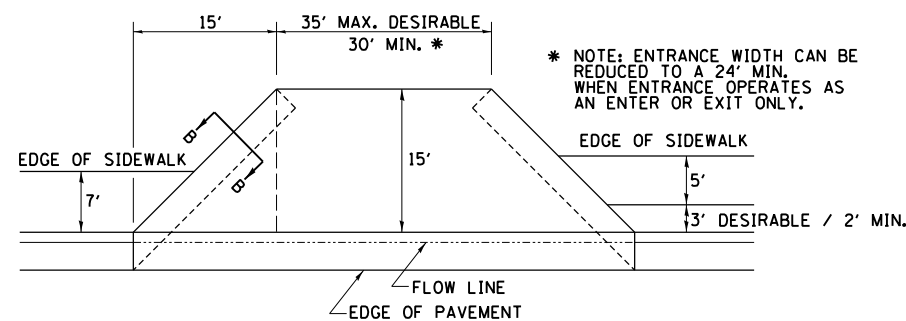
*** SIDEWALK TO BE CONSTRUCTED AS PCC DRIVEWAY PAVEMENT 7" THROUGH THE WIDTH OF THE DRIVEWAY. SEE DIST. STD. 35.4



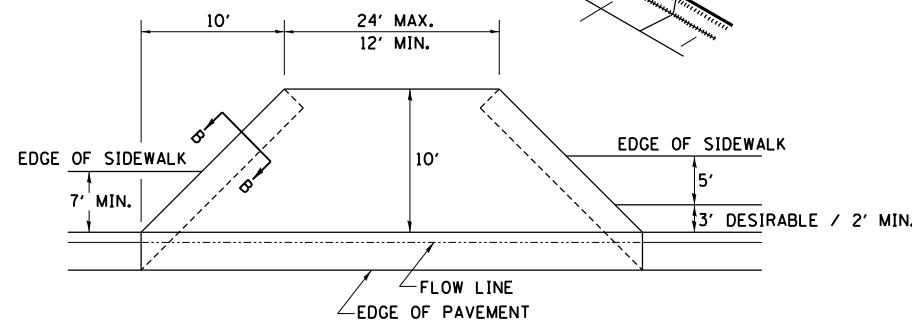
DESCENDING APPROACH (NO SIDEWALK)



DESCENDING APPROACH (WITH SIDEWALK)

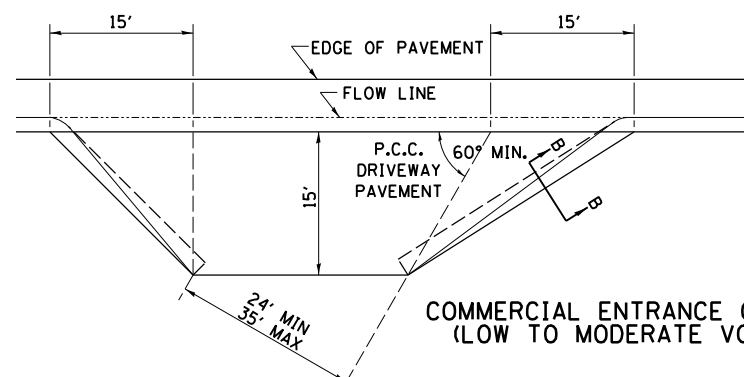


LOW TO MODERATE VOLUME COMMERCIAL ENTRANCE

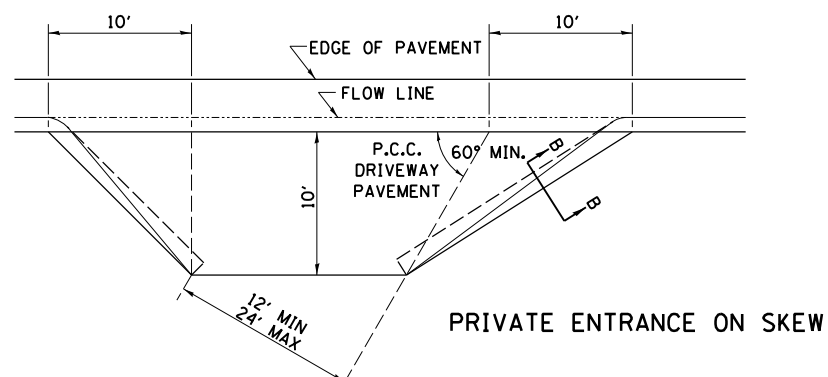


PRIVATE ENTRANCE

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



COMMERCIAL ENTRANCE ON SKEW (LOW TO MODERATE VOLUME)



PRIVATE ENTRANCE ON SKEW

LAYOUT	CBP	11/20/2014
DRAWN	CBP	11/20/2014
REVIEWED	AAP	10/21/2015

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	6-27-14
				DRAWN -		REVISED -	12-07-10
				CHECKED -		REVISED -	
				DATE -	1/20/2017	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

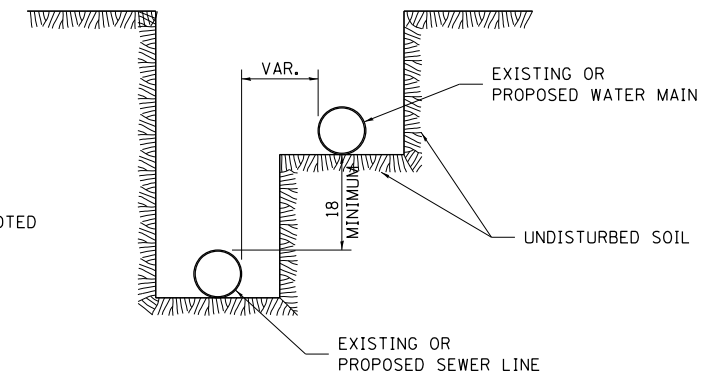
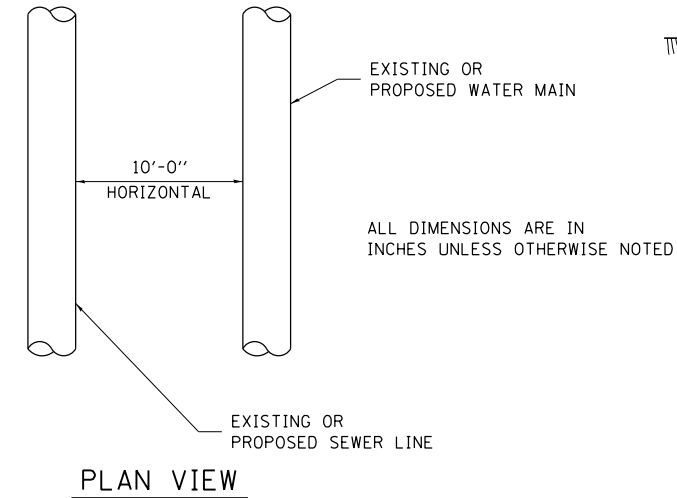
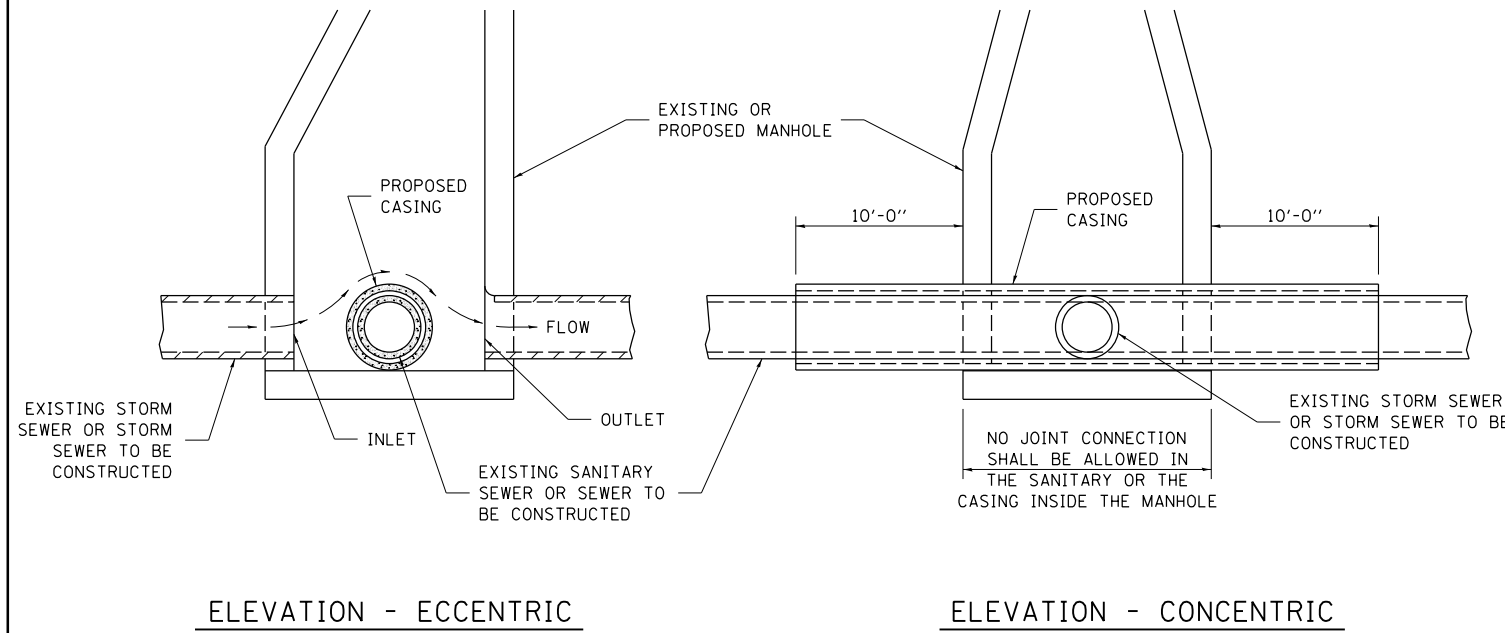
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1227
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

SEWER AND WATER MAIN CROSSINGS

THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10'-0" OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10'-0" FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.

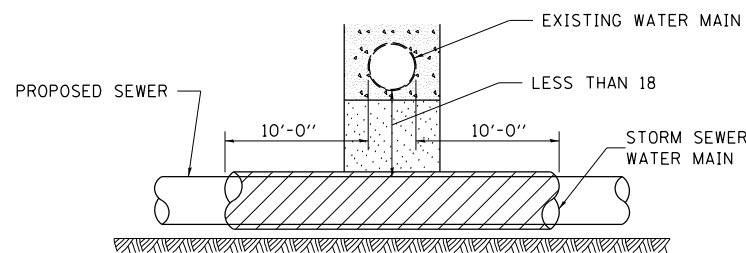


AT GRADE CROSSING OF SANITARY AND STORM SEWER

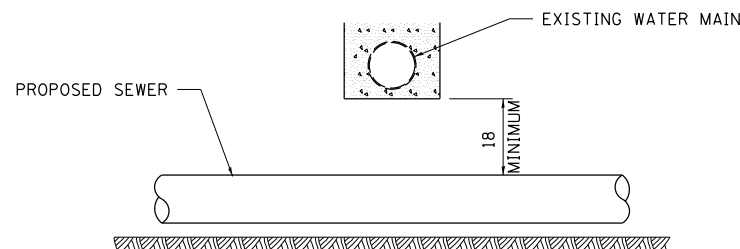
CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



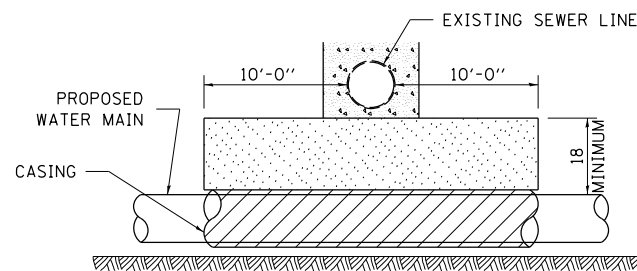
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

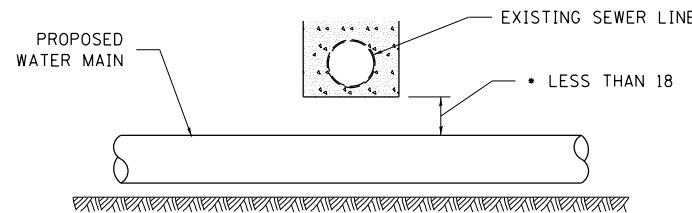
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT
PLACE TRENCH BACKFILL FOR 10 FT. ON EITHER SIDE OF SEWER LINE



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY

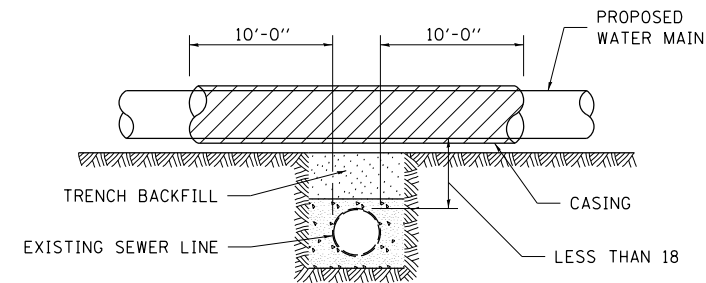


• NOT ALLOWED
MUST MAINTAIN 18 VERTICAL SEPARATION

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

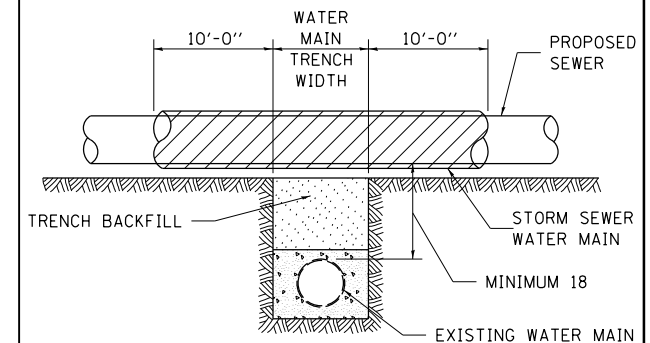


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

EXISTING WATER MAIN BELOW PROPOSED SEWER LINE WITH MINIMUM 18 VERTICAL SEPARATION

LAYOUT	11/20/2014
DRAWN	11/20/2014
REVIEWED	10/21/2015

FILE NAME = D2CONAB-HPS-sht-details30.dgn

USER NAME = heato01447	DESIGNED -
	DRAWN -
PLOT SCALE =	CHECKED -
PLOT DATE = 1/19/2017	DATE - 1/20/2017

REVISED - 10-17-11
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

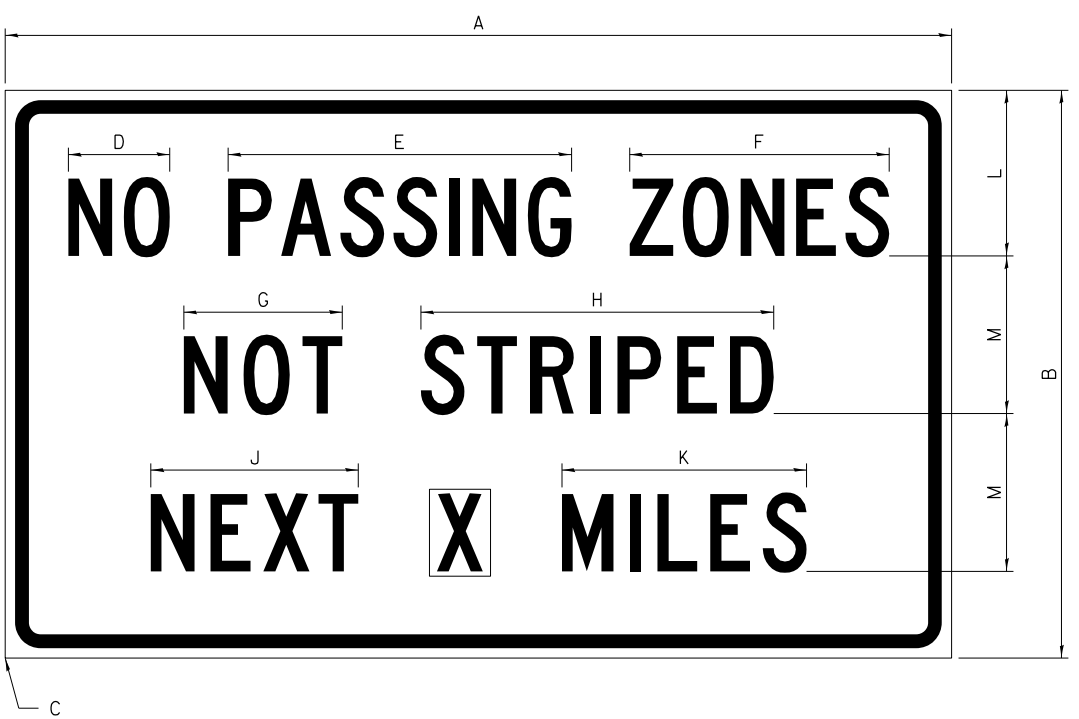
REGION 2 / DISTRICT 2 STANDARD

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	1228
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



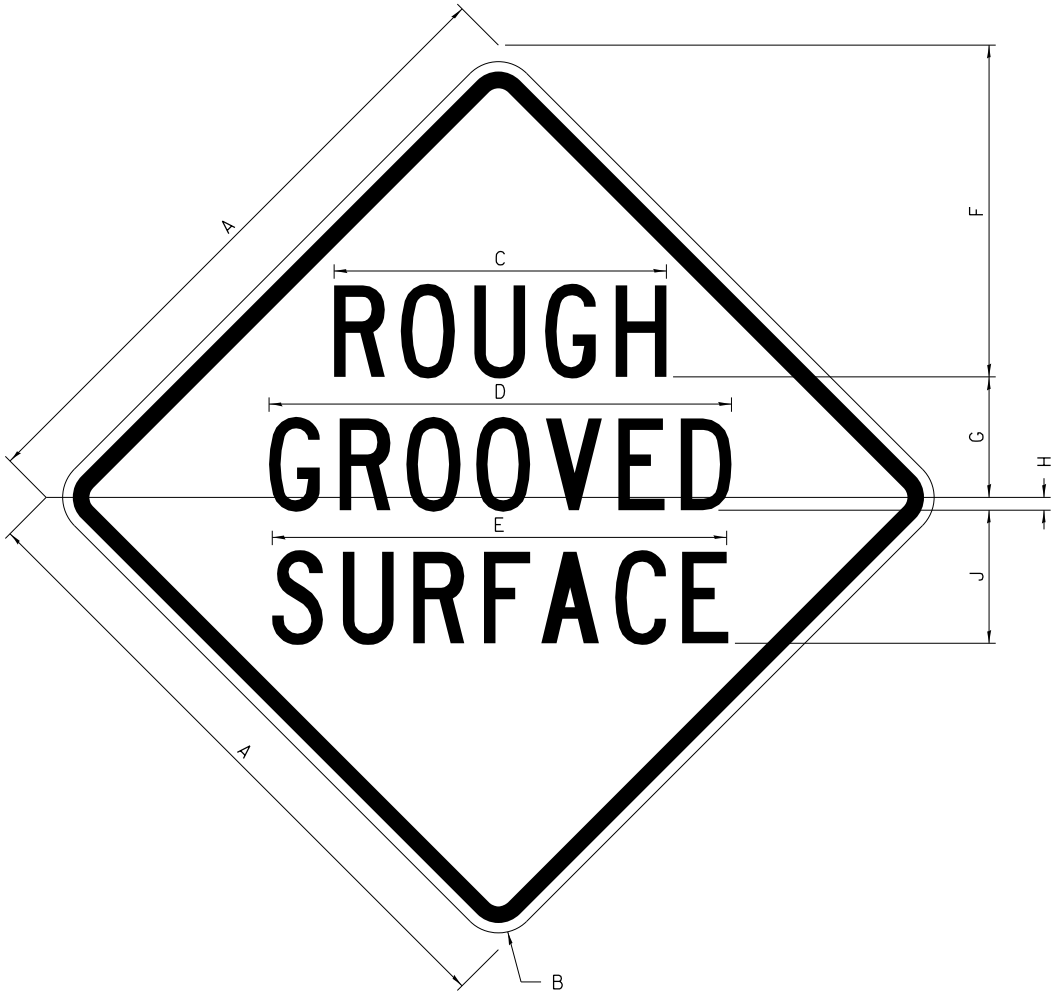
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

ILLINOIS STANDARD W8-I107



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS									
	A	B	C	D	E	F	G	H	J	
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00	

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.



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LAYOUT	9/12/2016
DRAWN	9/12/2016
REVIEWED	10/21/2015

FILE NAME = D2CONAB-HPS-sht-details30.dgn	USER NAME = heato01447	DESIGNED -	REVISED - 3-02-16
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

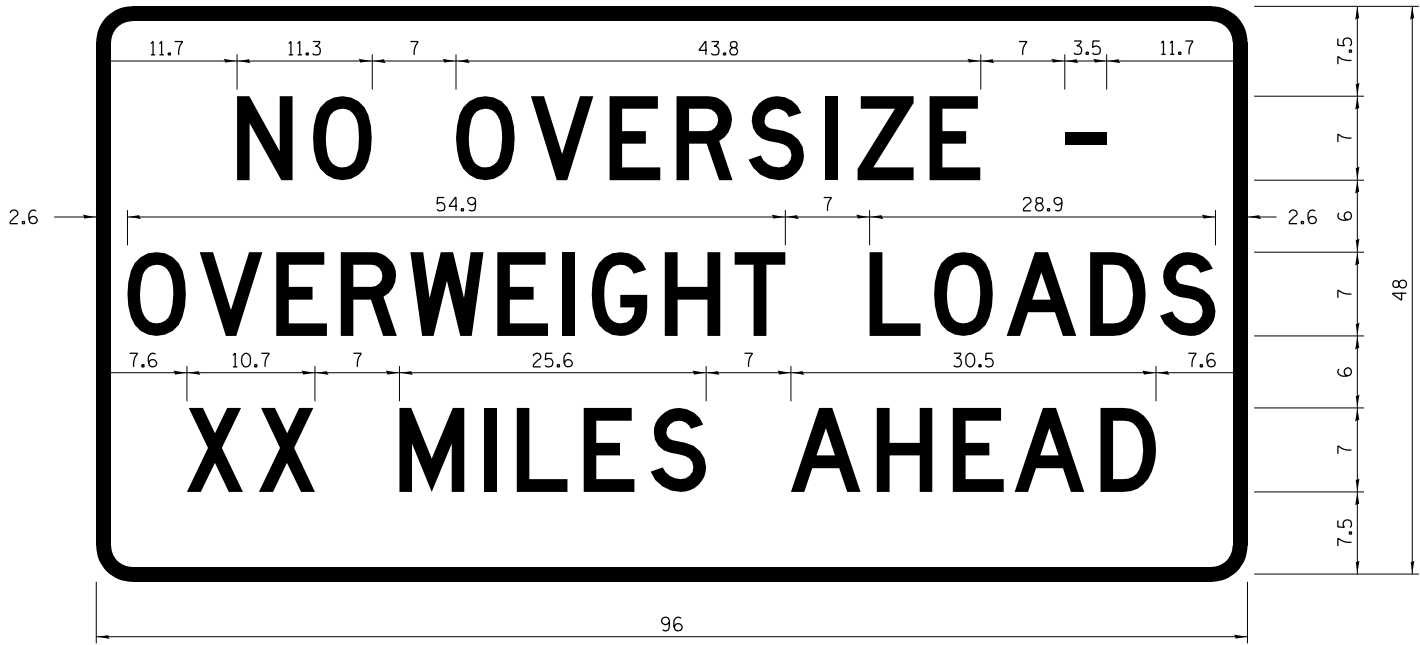
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1229
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

WORK ZONE SIGN DETAILS

STOP LINE SIGN FOR TEMPORARY SIGNALS

ROAD CLOSED TO OVERSIZED LOADS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
-------	------------------------------	--------------	---------------------------------

COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	NON-REFLECTORIZED REFLECTORIZED
-------	------------------------------	-------------	---------------------------------

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;
 [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;
 Table of letter and object lefts.

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.



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LAYOUT	AAP	9/12/2016
DRAWN	AAP	9/12/2016
REVIEWED	MTH	10/21/2015

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	3-02-16
		DRAWN -		REVISOR -		REVISOR -	
		CHECKED -		REVISOR -		REVISOR -	
		DATE -	1/20/2017	REVISOR -		REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

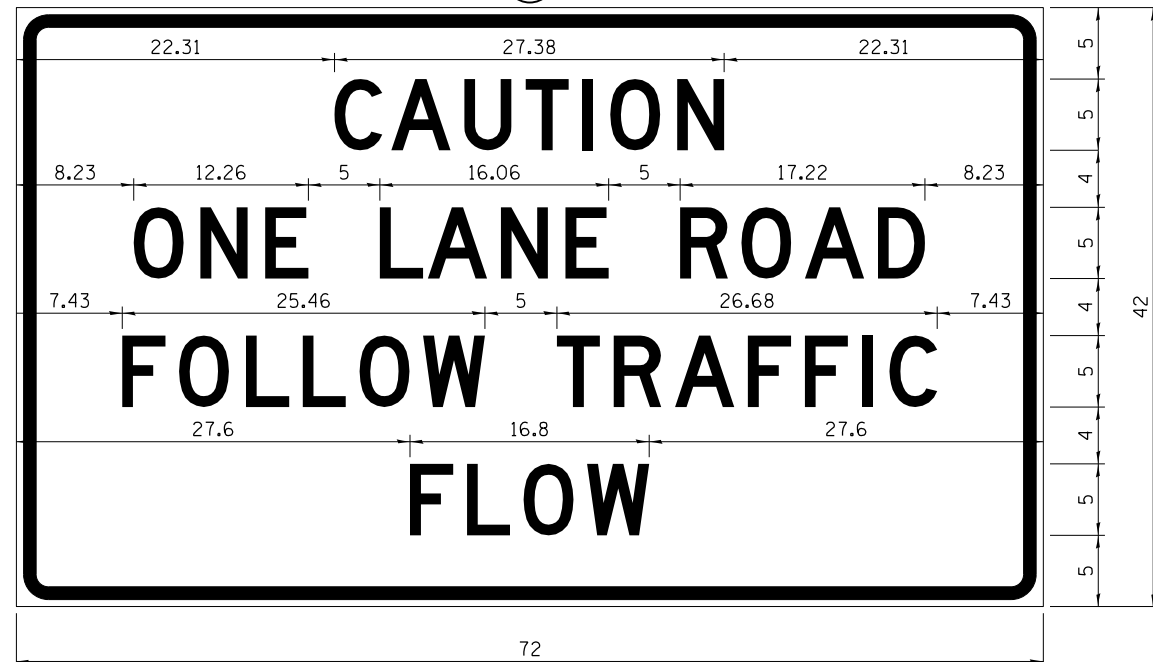
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	1231
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

WORK ZONE SIGN DETAILS

2



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" Indent;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

2 This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C	3.36	0.62	A	4.18	0.94	U	3.36	0.94	T	3.04	0.94	I	0.78	1.17	O	3.52	1.17	N	3.36	22.31
-------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	-------

8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
------	---	------	------	---	------	------	---	------

5.00	L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05
------	---	------	------	---	------	------	---	------	------	---	------

5.00	R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23
------	---	------	------	---	------	------	---	------	------	---	------	------

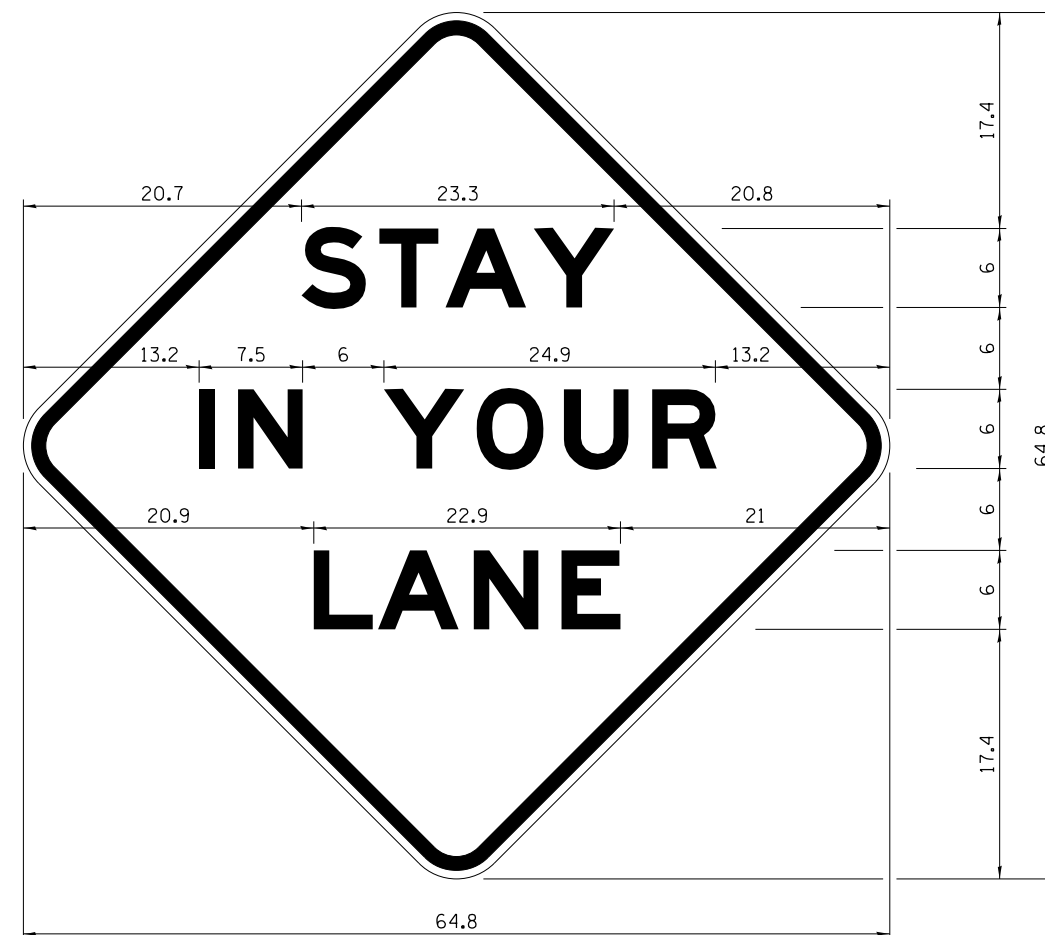
7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

5.00	T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------

27.60	F	3.05	0.94	L	3.04	0.94	O	3.52	0.93	W	4.38	27.60
-------	---	------	------	---	------	------	---	------	------	---	------	-------

Sign not to scale

STAY IN YOUR LANE



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S	T	A	Y
20.7	26.8	31.6	38.0

I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.



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LAYOUT	AAP	9/12/2016
DRAWN	AAP	9/12/2016
REVIEWED	MTH	10/21/2015

FILE NAME = D2CONAB-HPS-sht-details30.dgn	USER NAME = heato01447	DESIGNED -	REVISED - 3-02-16
		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE = 1/19/2017		DATE - 1/20/2017	REVISED -

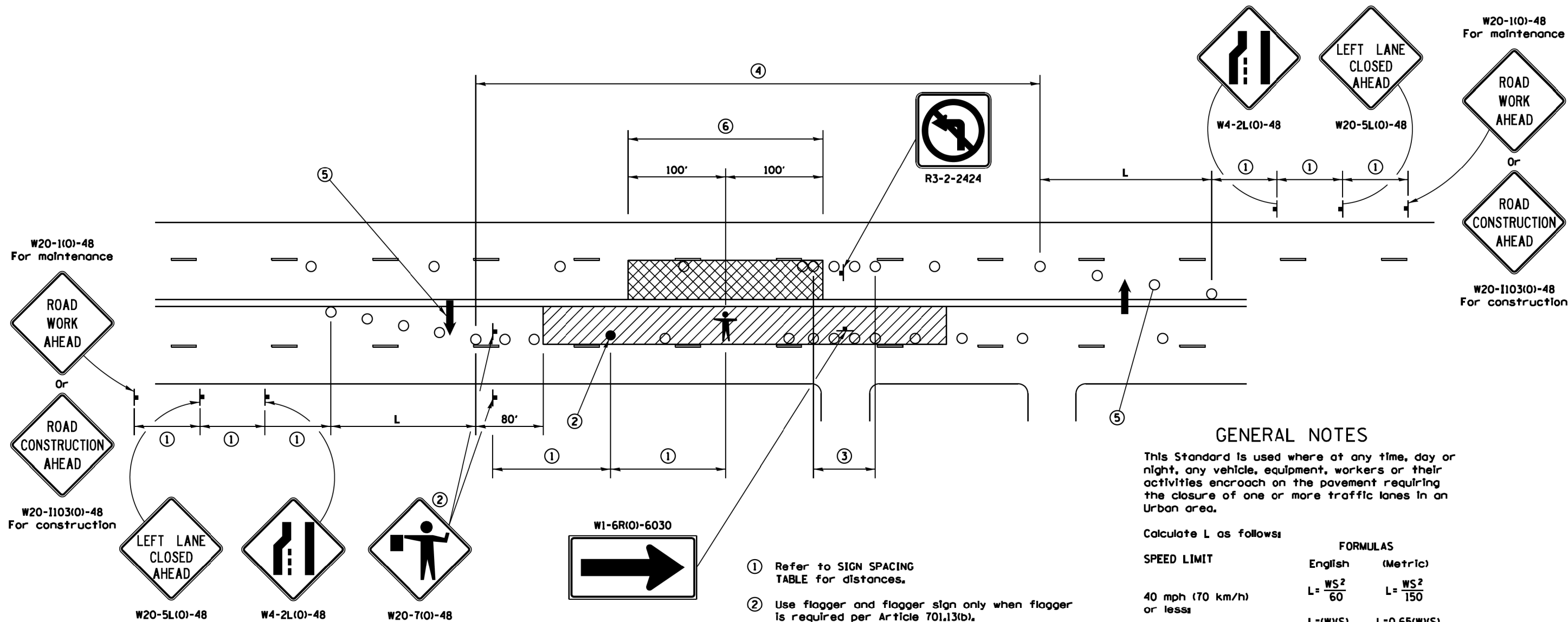
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1232
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

URBAN LANE INSIDE CLOSURE, MULTILANE, 2-WAY, WITH MOUNTABLE MEDIAN



GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one or more traffic lanes in an Urban area.

Calculate L as follows:

SPEED LIMIT

40 mph (70 km/h) or less:

45 mph (80 km/h) or greater:

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Lane closures in the opposite direction shall be removed when no workers are present.

Cones or reflectorized cones shall not be used during hours of darkness.

This Traffic Control detail shall be included in the cost of Traffic Control and Protection Standard 701606.

W20-110310-48
For construction



W20-110310-48
For construction



W20-5L10-48

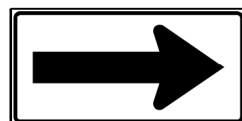


W4-2L10-48



W20-710-48

W1-6R10-6030



SYMBOLS

- WORK AREA
- CLOSED LANE
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- CONE, DRUM OR BARRICADE
- FLAGGER WITH TRAFFIC CONTROL SIGN.
- WORKER ON FOOT

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

- ① Refer to SIGN SPACING TABLE for distances.
- ② Use flagger and flagger sign only when flagger is required per Article 701.13(b).
- ③ Devices at 10' centers from edge of radius return to edge of radius return when left turns are prohibited due to actively working in the intersection.
- ④ Cones at 20' (6 m) centers for 250' (75 m). Additional cones may be placed at 40' (12 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled (excluding devices in intersections).
- ⑤ Cones, drums or barricades at 20' (6 m) centers in taper.
- ⑥ No equipment, materials, vehicles, or other hazards are allowed in the closed lane in the opposite direction within 100' of a worker on foot.

LAYOUT	11/20/2014
DRAWN	11/20/2014
REVIEWED	2/3/2016

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	1-05-16
		DRAWN -		REVISED -	7-22-14		
		CHECKED -		REVISED -			
		DATE -	1/20/2017	REVISED -			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

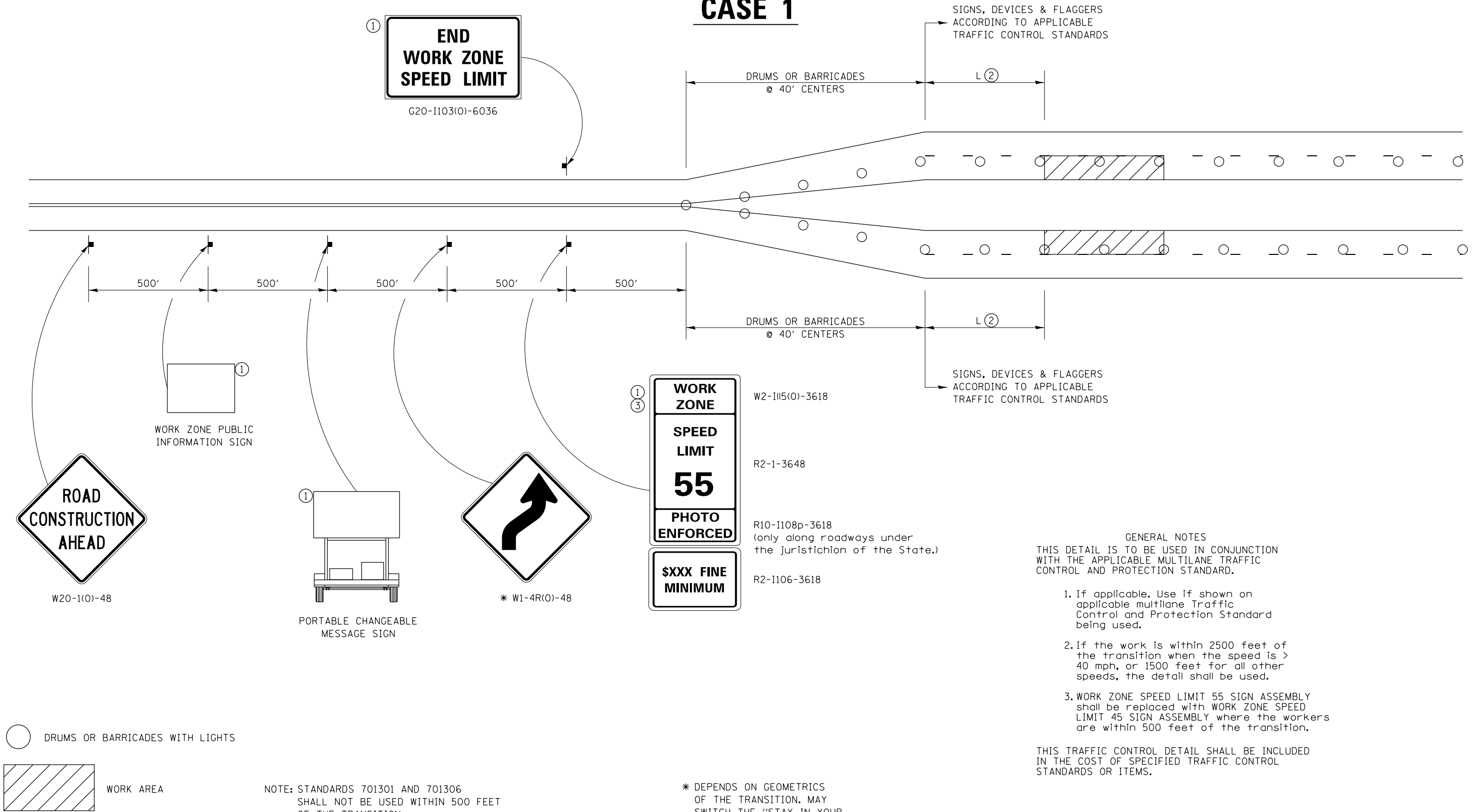
REGION 2 / DISTRICT 2 STANDARD

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1233
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 1



- GENERAL NOTES**
- THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.
1. If applicable. Use if shown on applicable multilane Traffic Control and Protection Standard being used.
 2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
 3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

* DEPENDS ON GEOMETRICS OF THE TRANSITION. MAY SWITCH THE "STAY IN YOUR LANE" AND "WEAVE SIGNS"

LAYOUT	8/24/2015
DRAWN	MTH
REVIEWED	AAP

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	1-05-16
				DRAWN -		REVISED -	8-27-13
				CHECKED -		REVISED -	1-16-13
				DATE -	1/20/2017	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

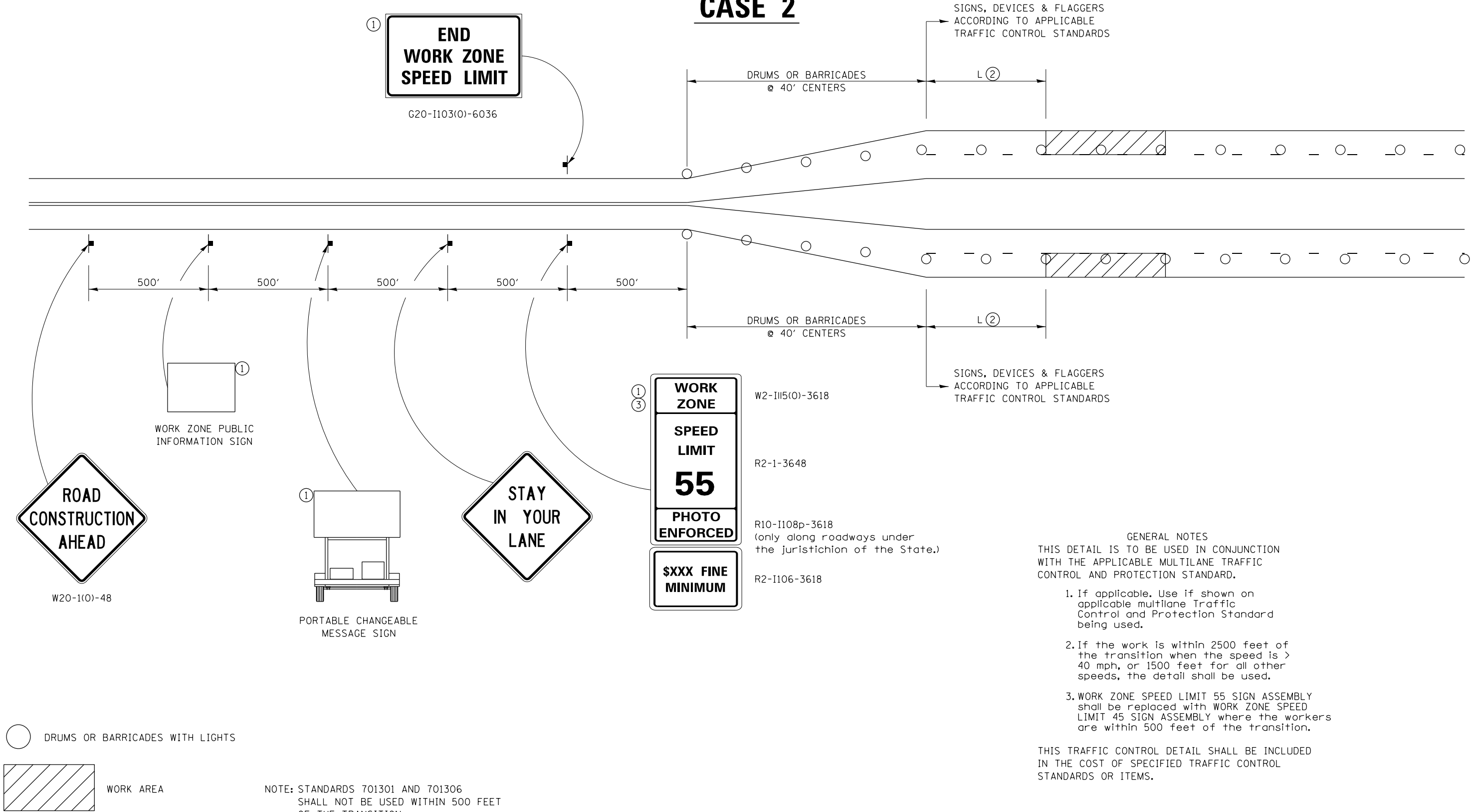
REGION 2 / DISTRICT 2 STANDARD

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	1234
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 2



GENERAL NOTES
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable. Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

LAYOUT	8/24/2015
DRAWN	MTH
REVIEWED	AAP

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	1-05-16
				DRAWN -		REVISED -	8-27-13
				CHECKED -		REVISED -	1-16-13
				DATE -	1/20/2017	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

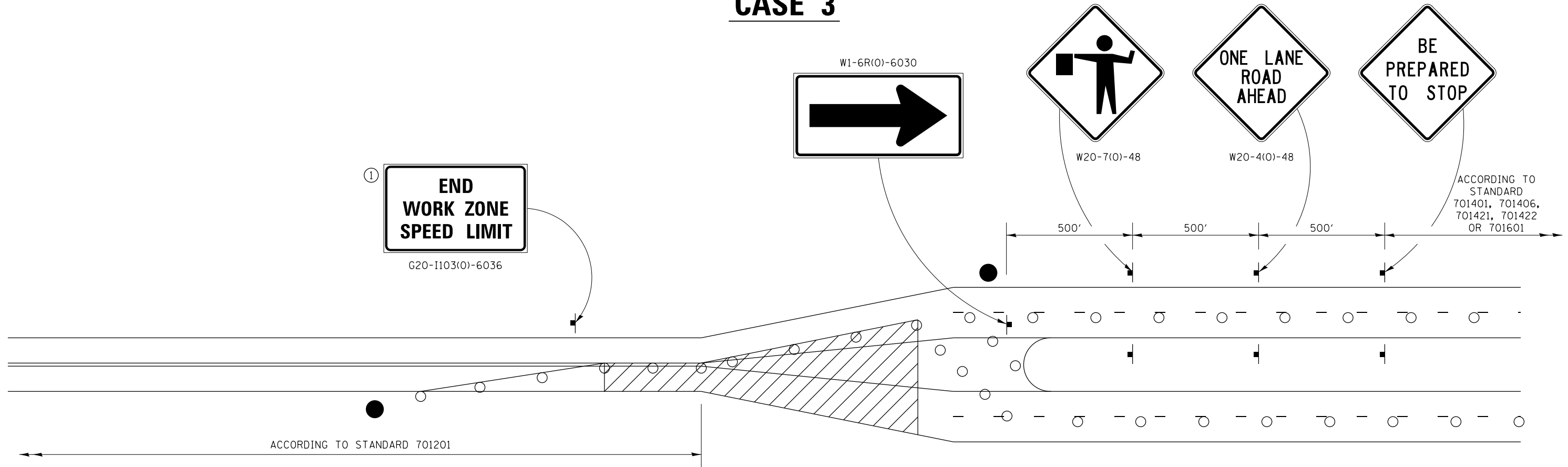
REGION 2 / DISTRICT 2 STANDARD

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	1235
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 3



GENERAL NOTES
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES WITH LIGHTS
- ▨ WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

LAYOUT	8/24/2015
DRAWN	MTH
REVIEWED	AAP

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	1-05-16
		DRAWN -		REVISOR -		REVISED -	8-27-13
		CHECKED -		REVISOR -		REVISED -	3-05-12
		DATE -	1/20/2017	REVISOR -		REVISED -	

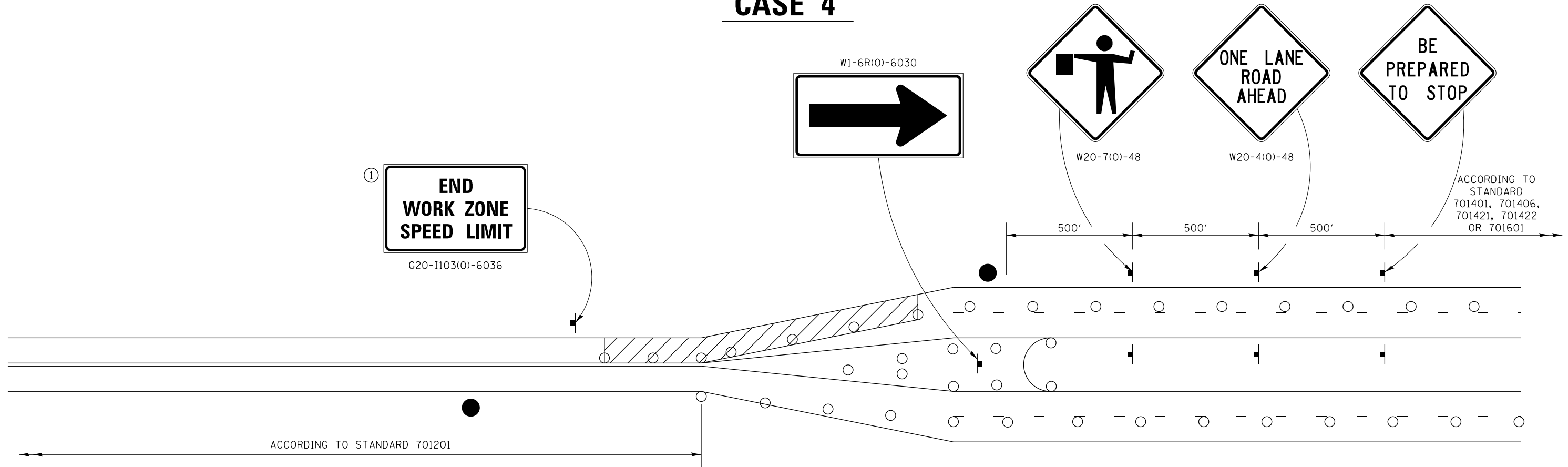
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1236
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

TRAFFIC CONTROL FOR TRANSITION AREAS

CASE 4



GENERAL NOTES
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable, Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES WITH LIGHTS
- WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

LAYOUT	8/24/2015
DRAWN	8/24/2015
REVIEWED	2/3/2016

FILE NAME =	USER NAME = heato01447	DESIGNED -	REVISED - 1-05-16
D2CONAB-HPS-sht-details30.dgn		DRAWN -	REVISED - 8-27-13
		CHECKED -	REVISED - 3-05-12
PLOT DATE = 1/19/2017	DATE - 1/20/2017		REVISED -

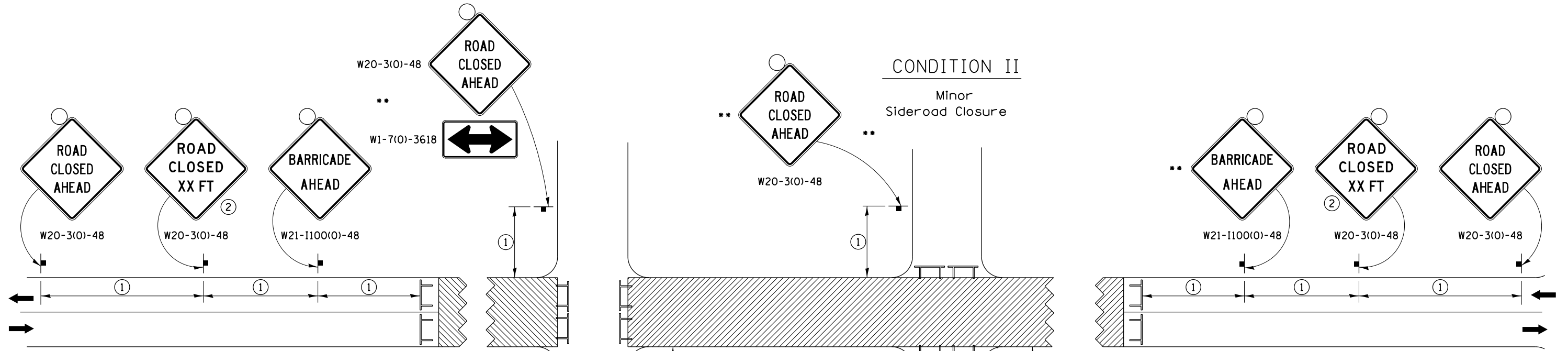
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REGION 2 / DISTRICT 2 STANDARD




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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1237
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL FOR ROAD CLOSURE



SYMBOLS

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

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.

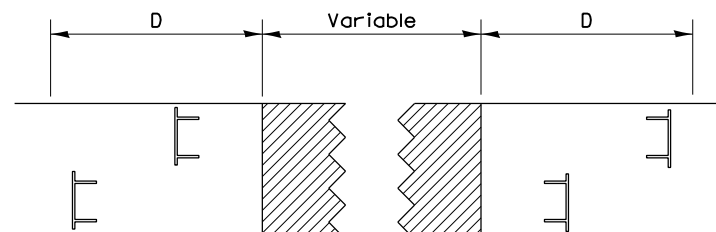
①

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.

LAYOUT	11/20/2014
DRAWN	CBP
REVIEWED	AAP

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	1-05-16
		DRAWN -		REVISOR -		REVISED -	8-27-13
		CHECKED -		REVISOR -		REVISED -	10-17-11
		DATE -	1/20/2017	REVISOR -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

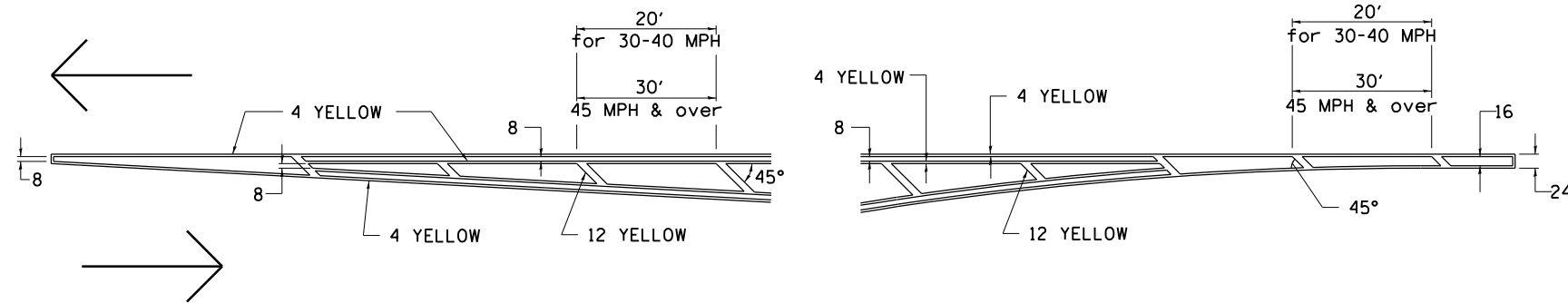
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1238
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

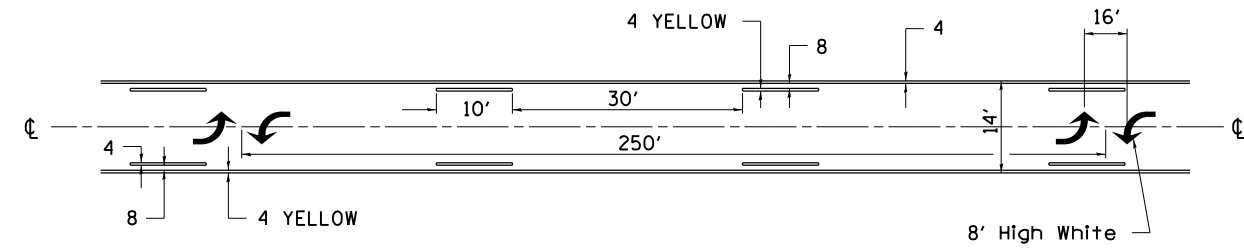
TYPICAL APPLICATION
FOR ROAD CLOSURE

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

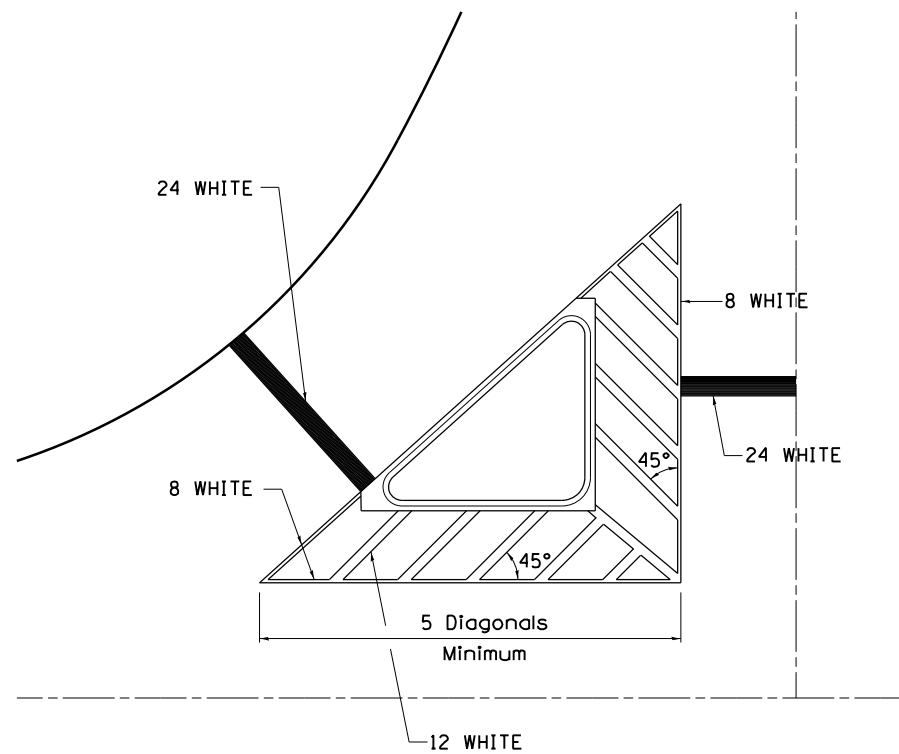


MEDIAN PAVEMENT MARKING



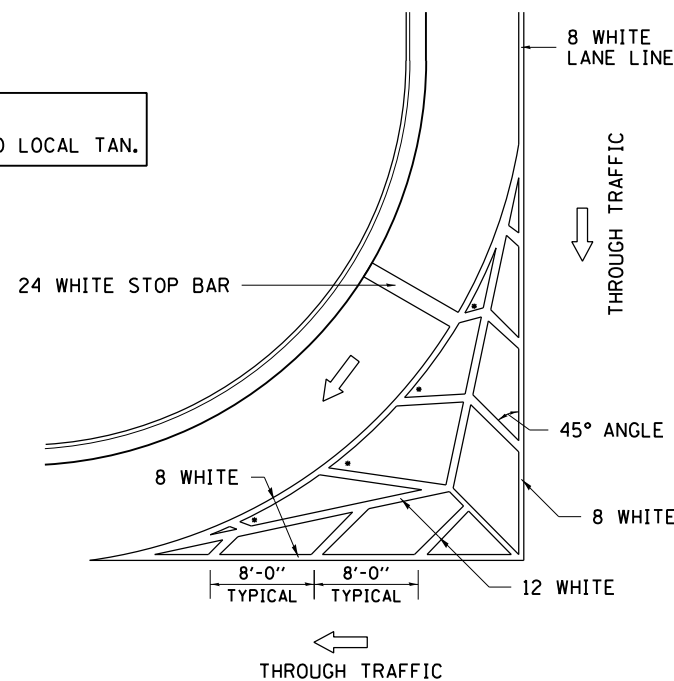
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



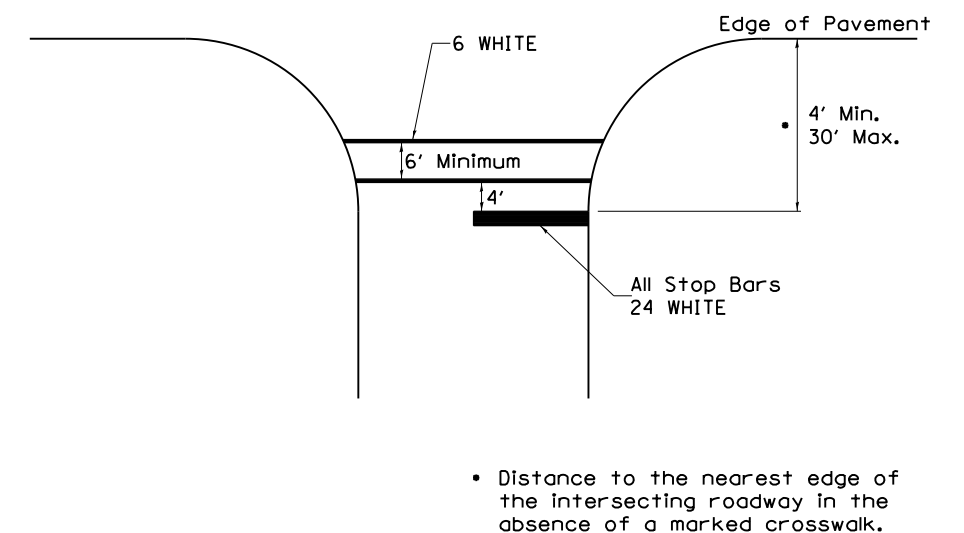
TYPICAL MARKING FOR PAINTED ISLANDS

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.

LAYOUT	11/20/2014
DRAWN	11/20/2014
REVIEWED	10/21/2015

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	6-27-14
				DRAWN -		REVISED -	3-05-12
				CHECKED -		REVISED -	
				DATE -	1/20/2017	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

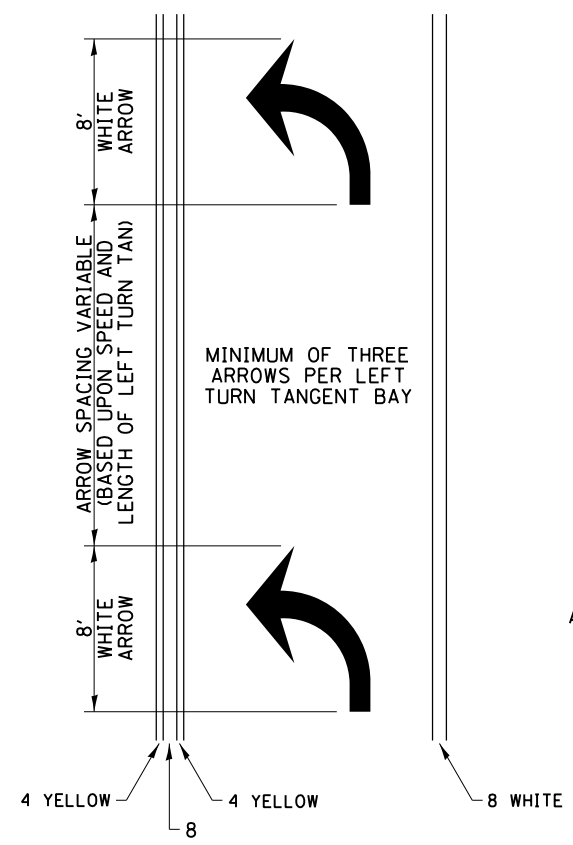
REGION 2 / DISTRICT 2 STANDARD

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1239
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS

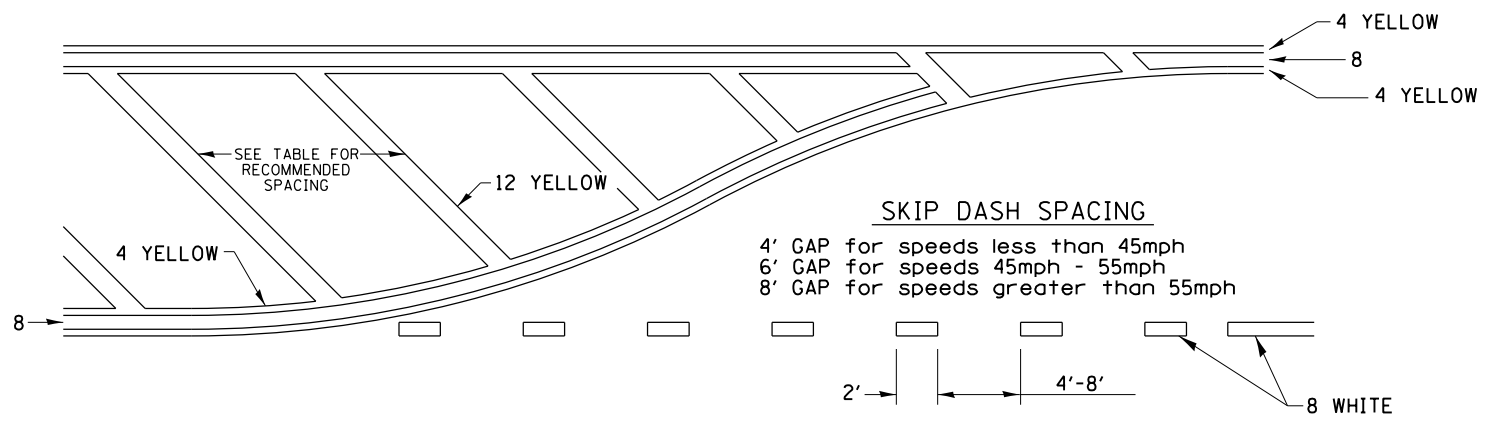
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

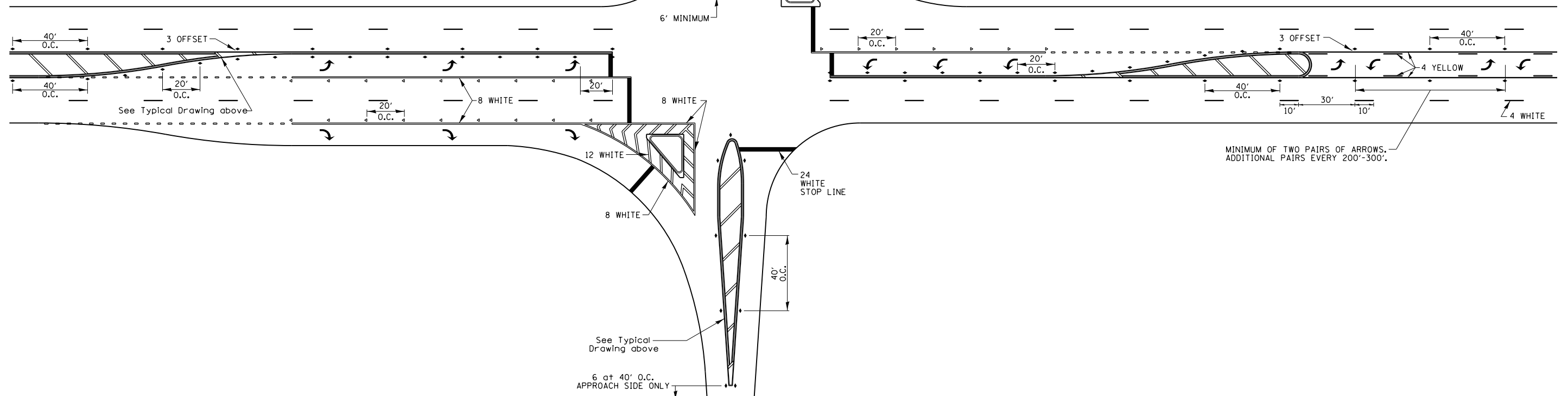
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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.



LAYOUT	CBP	11/20/2014
DRAWN	CBP	11/20/2014
REVIEWED	AAP	10/21/2015

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	6-27-14
		DRAWN -		REVISOR -		REVISED -	3-05-12
		CHECKED -		REVISOR -		REVISED -	
		DATE -	1/20/2017	REVISOR -		REVISED -	

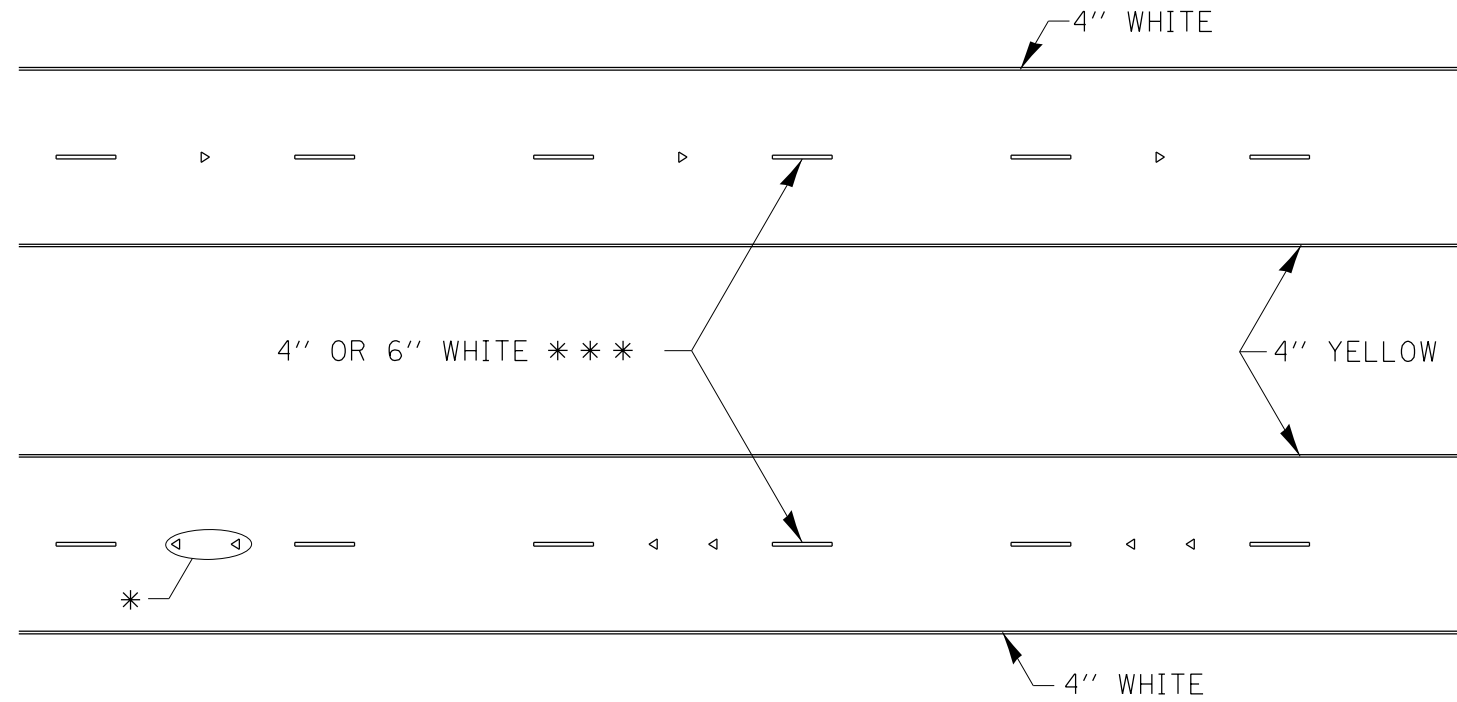
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

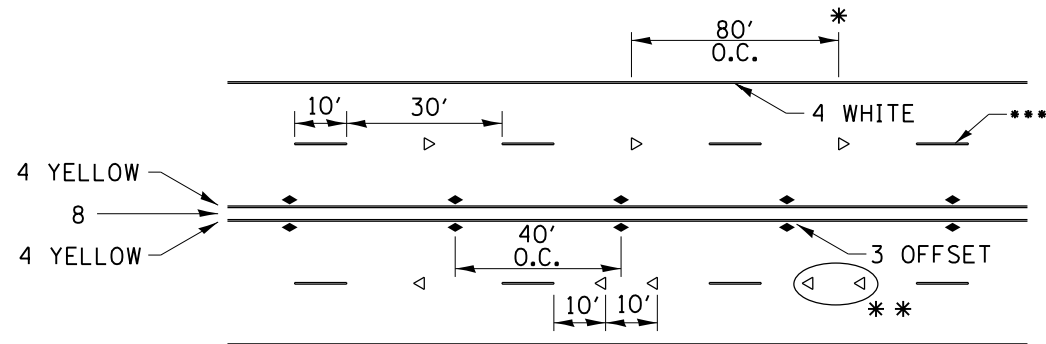
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1240
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

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.

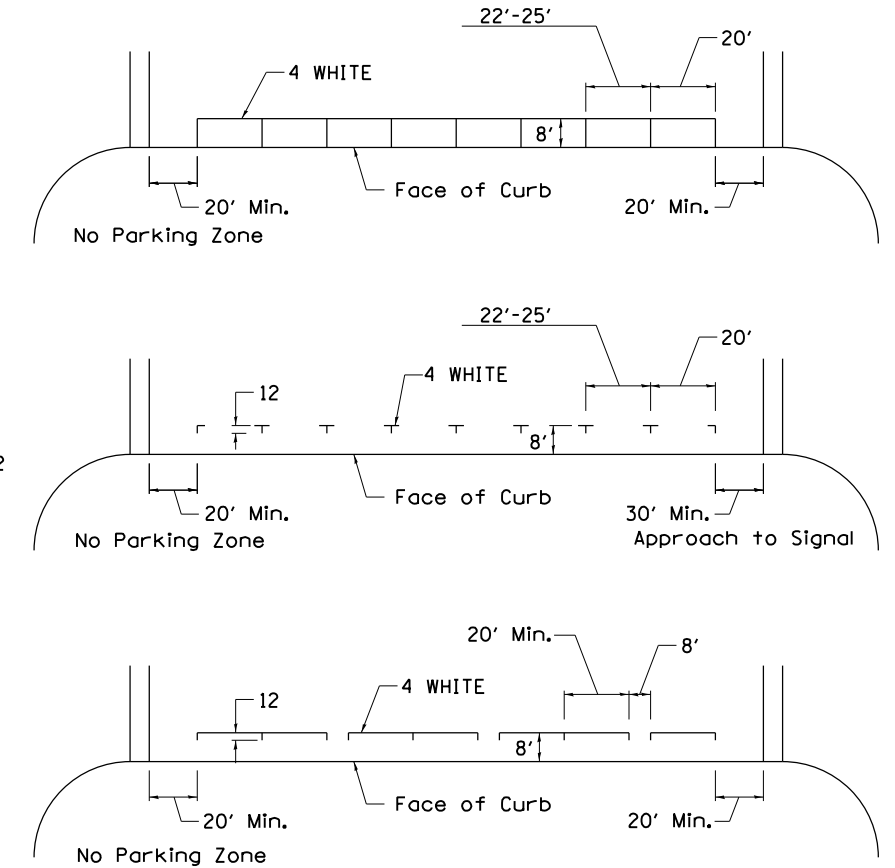
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

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

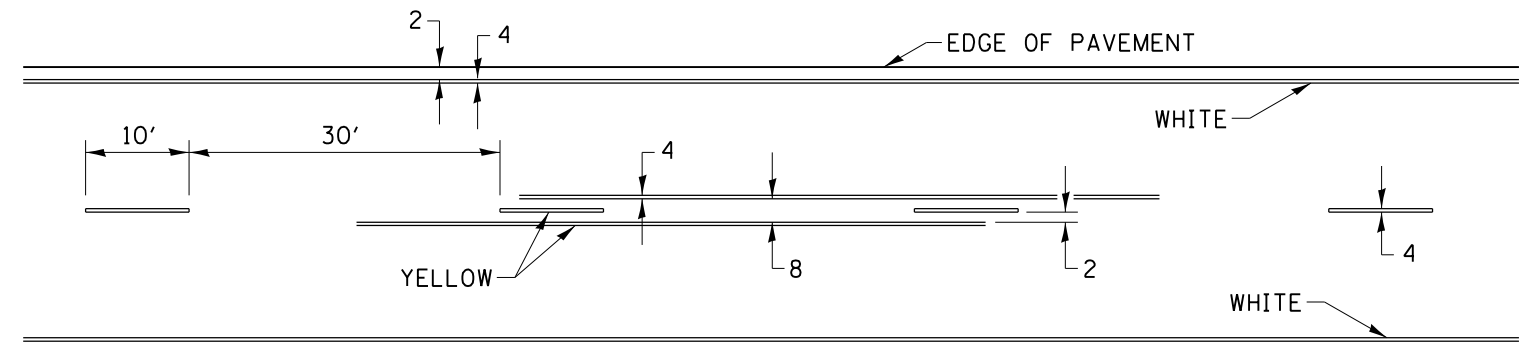
MULTI-LANE / UNDIVIDED & ONE WAY

(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

LAYOUT	CBP	11/20/2014
DRAWN	CBP	11/20/2014
REVIEWED	AAP	10/21/2015

FILE NAME =	USER NAME = heato01447	DESIGNED -	REVISED - 6-27-14
D2CONAB-HPS-sht-details30.dgn		DRAWN -	REVISED - 8-27-13
		CHECKED -	REVISED - 11-28-12
		DATE - 1/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

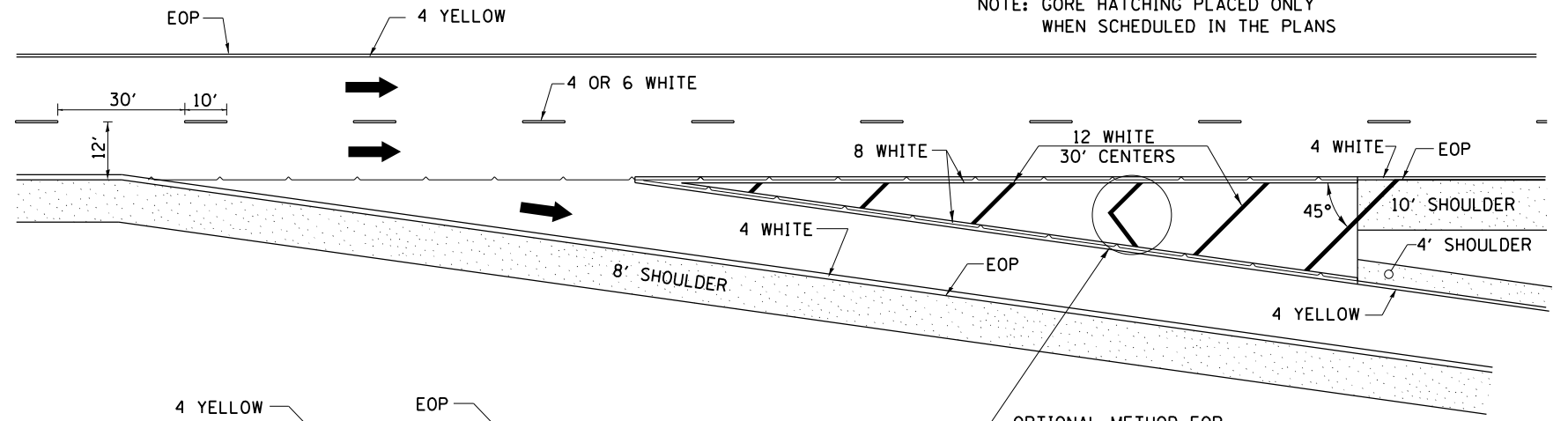
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	1241
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

PAINING DETAILS

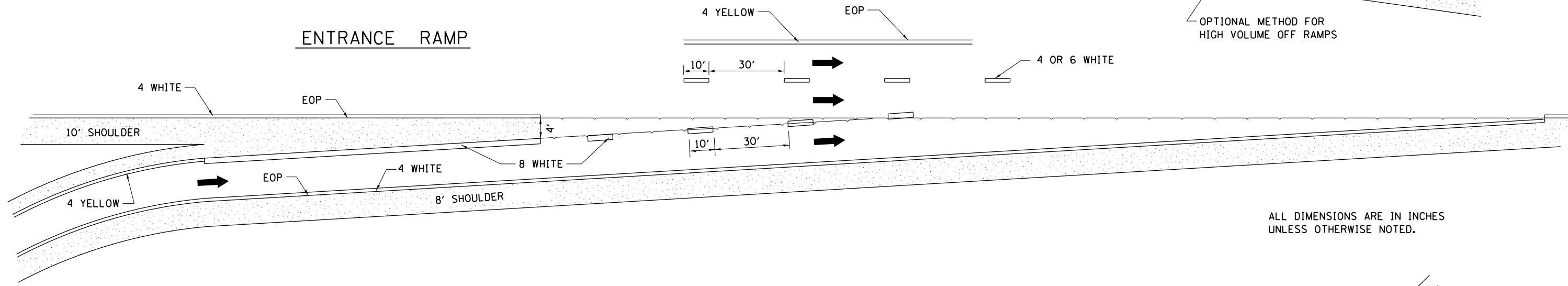
EXIT RAMP

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

CENTERLINE SKIP DASH PAVEMENT MARKING WIDTH SHALL BE 4" WHEN THE POSTED SPEED LIMIT IS UNDER 40 MPH AND 6" WHEN THE POSTED SPEED LIMIT IS 40 MPH AND OVER.

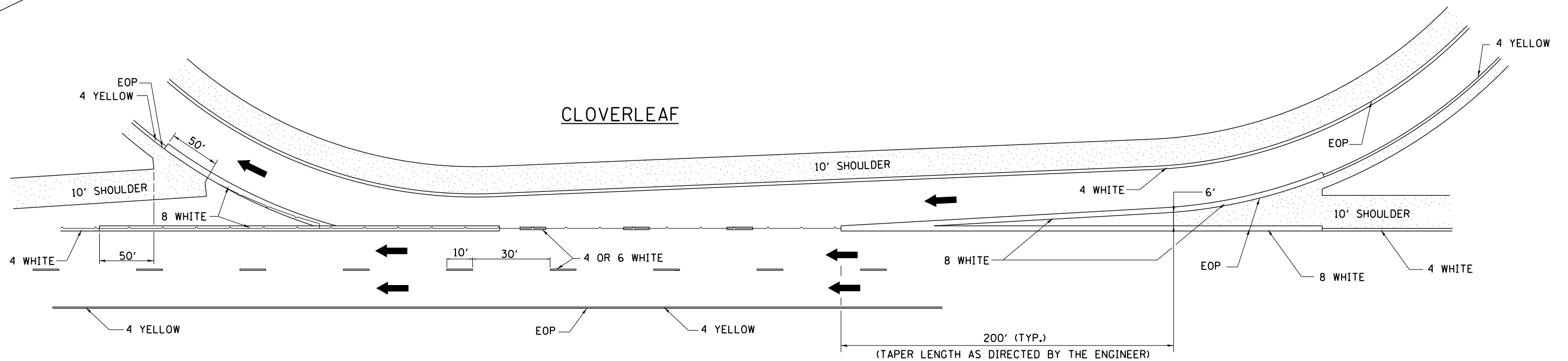


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CLOVERLEAF



LAYOUT	11/20/2014
DRAWN	11/20/2014
REVIEWED	10/21/2015

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	8-27-13
				DRAWN -		REVISED -	10-18-11
				CHECKED -		REVISED -	
				DATE -	1/20/2017	REVISED -	

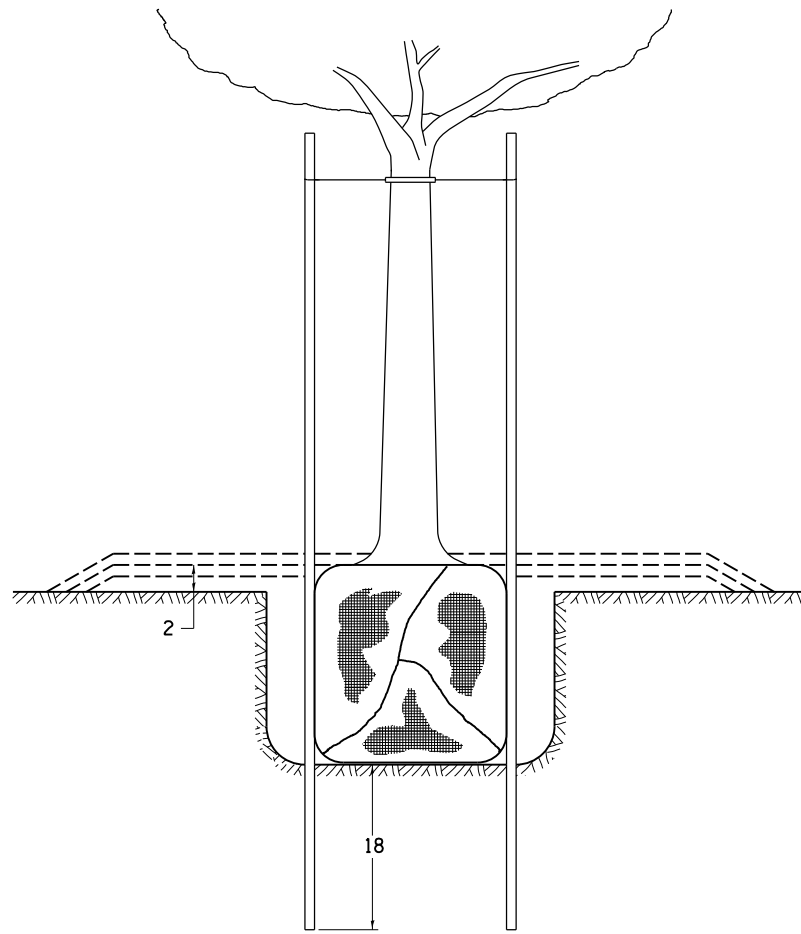
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

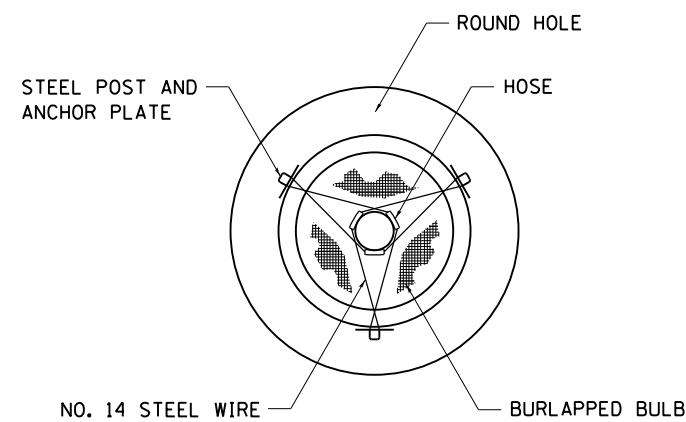
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	1242
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

DETAILS OF PLANTING AND BRACING TREES

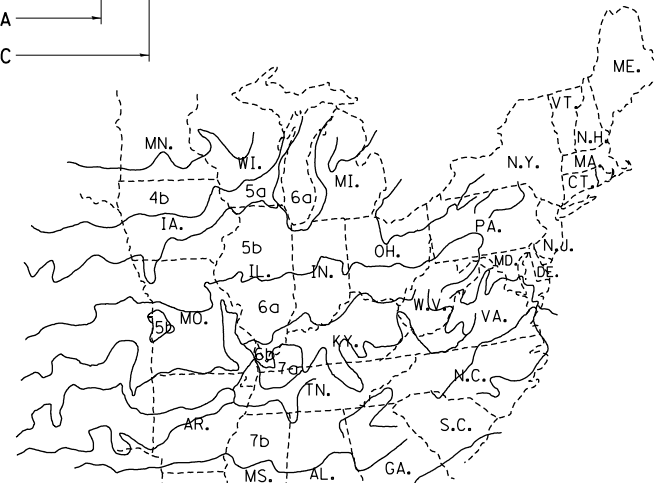
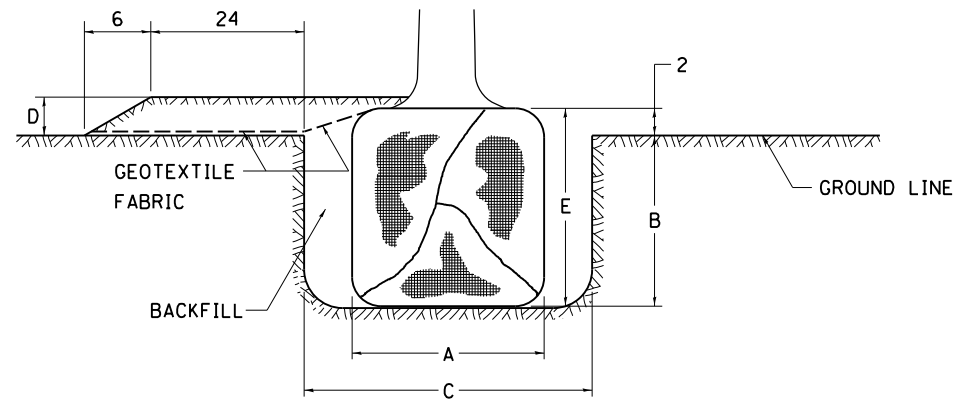


TREES SMALLER THAN 4 1/2 IN DIAMETER



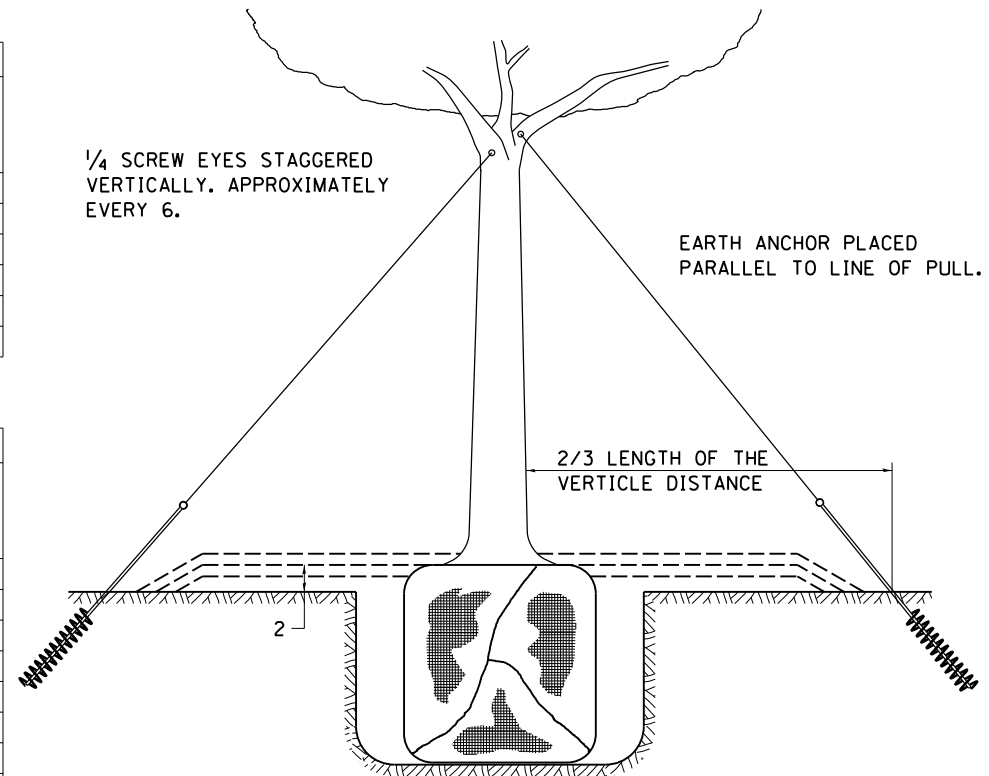
SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10' BB	24	14	36	4	16	0.61
10'-12' BB	26	15	36	4	17	0.61

LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
0-2	20	11	36	4	13	0.61
2-2 1/2 BB	24	14	48	4	16	0.78
2 1/2-3 BB	28	17	48	4	19	0.78
3-3 1/2 BB	32	17	60	4	19	0.96
3 1/2-4 BB	36	20	60	4	22	0.96
4-4 1/2 BB	40	22	72	4	24	1.16
4 1/2-5 BB	44	24	72	4	26	1.16
5-5 1/2 BB	48	27	84	4	29	1.38

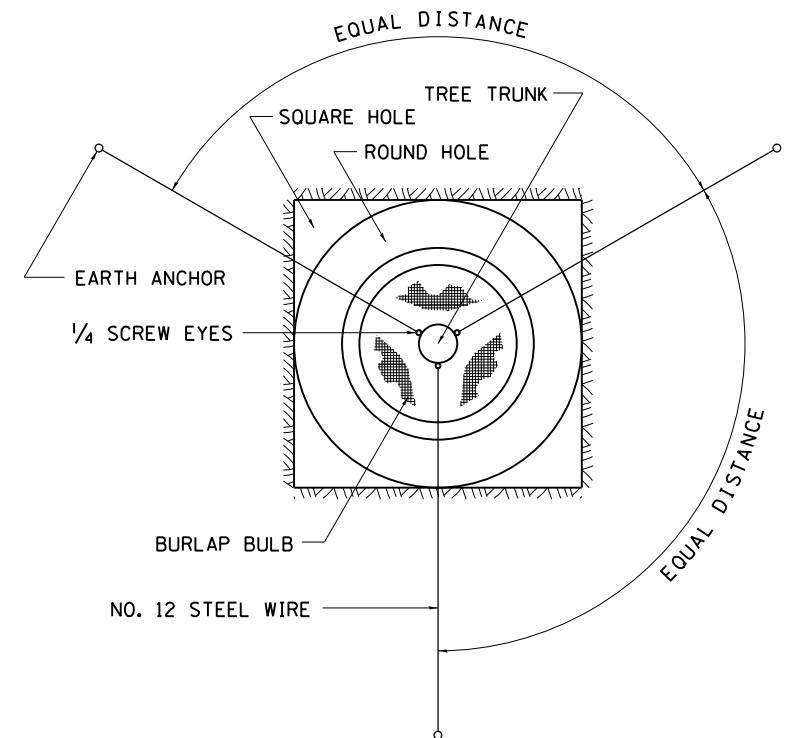


PLANT HARDINESS ZONE MAP

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814



TREES OVER 4 1/2 IN DIAMETER



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE NOTED.

LAYOUT	11/20/2014
DRAWN	11/20/2014
REVIEWED	10/21/2015

FILE NAME =	D2CONAB-HPS-sht-details30.dgn	USER NAME =	heato01447	DESIGNED -		REVISED -	10-18-11
				DRAWN -		REVISED -	
				CHECKED -		REVISED -	
				DATE -	1/20/2017	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

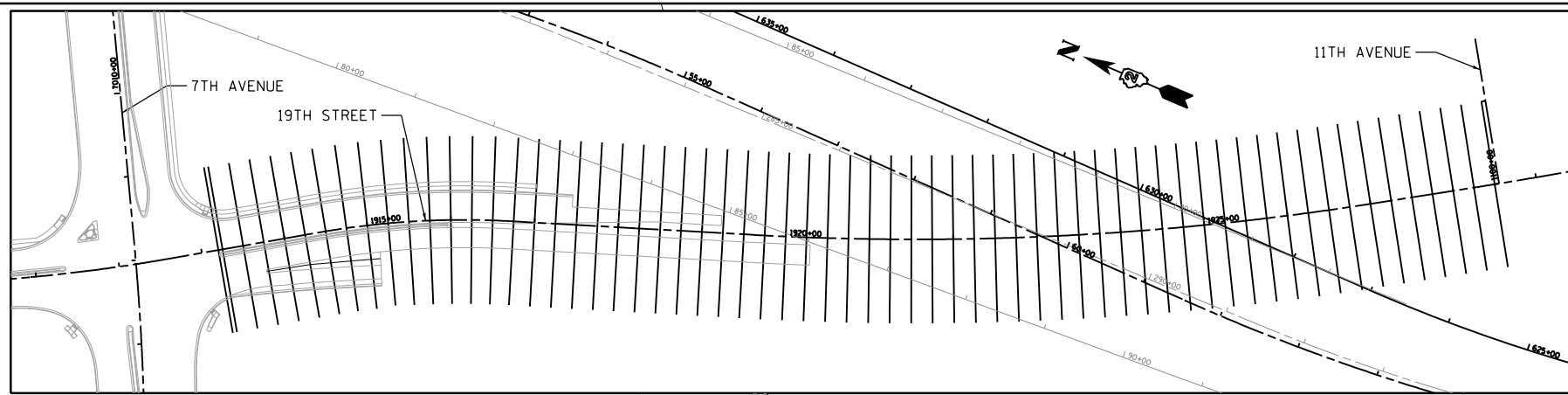
REGION 2 / DISTRICT 2 STANDARD

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	1243
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	



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NOTE: CROSS SECTIONS NOT PROVIDED ON BRIDGE STRUCTURES



LAYOUT	CPB	11/25/2014
DRAWN	CBP/RLT	11/25/2014
REVIEWED	RSJ	2/4/2016

FILE NAME = D2CONAB-HP5-sht-misc001M.dgn
 USER NAME = heato01447

DESIGNED - CPB
 DRAWN - CBP/RLT
 CHECKED - AAP
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 LOCATIONS AND LIMITS
 I-74 MAINLINE, RAMPS & LOCAL ROADS**

SCALE: 1" = 100' SHEET NO. OF SHEETS STA. TO STA. 45+00

SCALE:		MISC-01	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504
CONTRACT NO. 64C08			SHEET NO. 1244
ILLINOIS FED. AID PROJECT			

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



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

DATE	11/20/2014
BY	RLT
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

LEGEND:

C = CUT (EXCAVATION + SPECIAL WASTE REMOVAL, SEE EARTHWORK TABLE FOR ADDITIONAL DETAILS)

F = FILL

USM = REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

RFS = ROCK FILL (Z0054400)

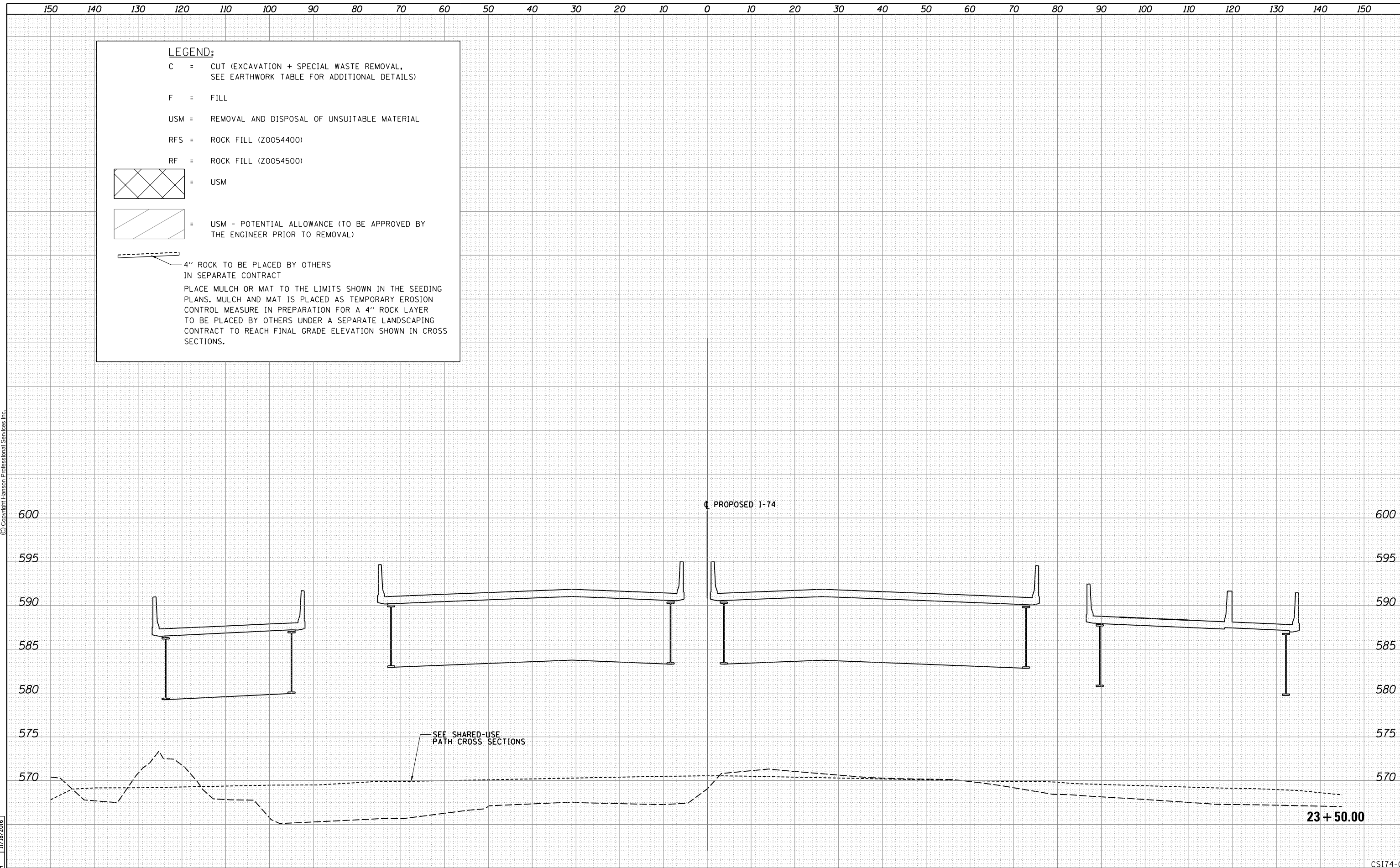
RF = ROCK FILL (Z0054500)

= USM

= USM - POTENTIAL ALLOWANCE (TO BE APPROVED BY THE ENGINEER PRIOR TO REMOVAL)

= 4" ROCK TO BE PLACED BY OTHERS IN SEPARATE CONTRACT

PLACE MULCH OR MAT TO THE LIMITS SHOWN IN THE SEEDING PLANS. MULCH AND MAT IS PLACED AS TEMPORARY EROSION CONTROL MEASURE IN PREPARATION FOR A 4" ROCK LAYER TO BE PLACED BY OTHERS UNDER A SEPARATE LANDSCAPING CONTRACT TO REACH FINAL GRADE ELEVATION SHOWN IN CROSS SECTIONS.



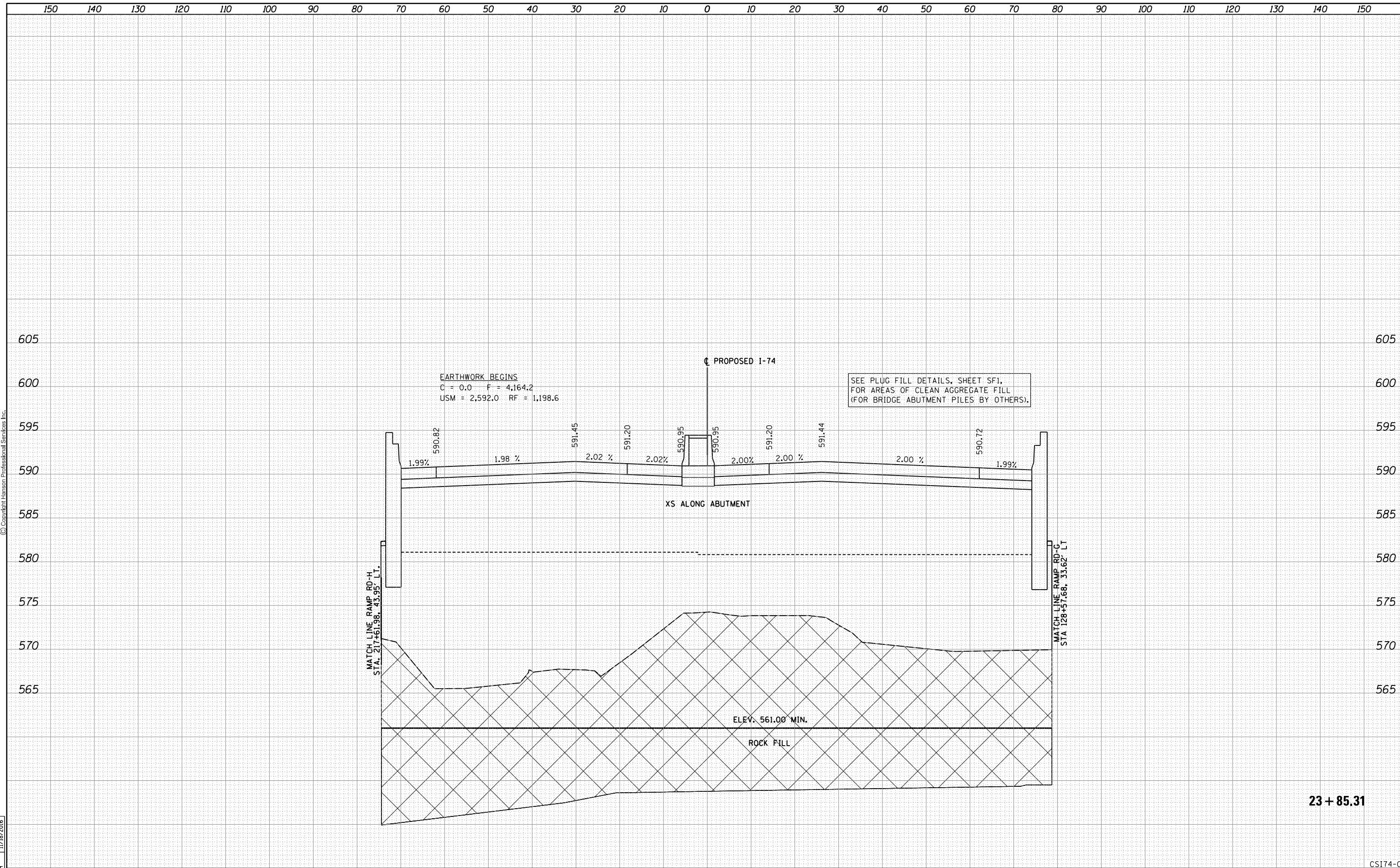
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		DRAWN - RLT	REVISIED -				74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1245
		CHECKED - MTH	REVISIED -		SCALE:		SHEET NO. 1 OF 20 SHEETS	STA. 23+50.00 TO STA. 23+50.00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 64C08
		PLOT DATE = 1/19/2017	REVISIED -								

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



23 + 85.31

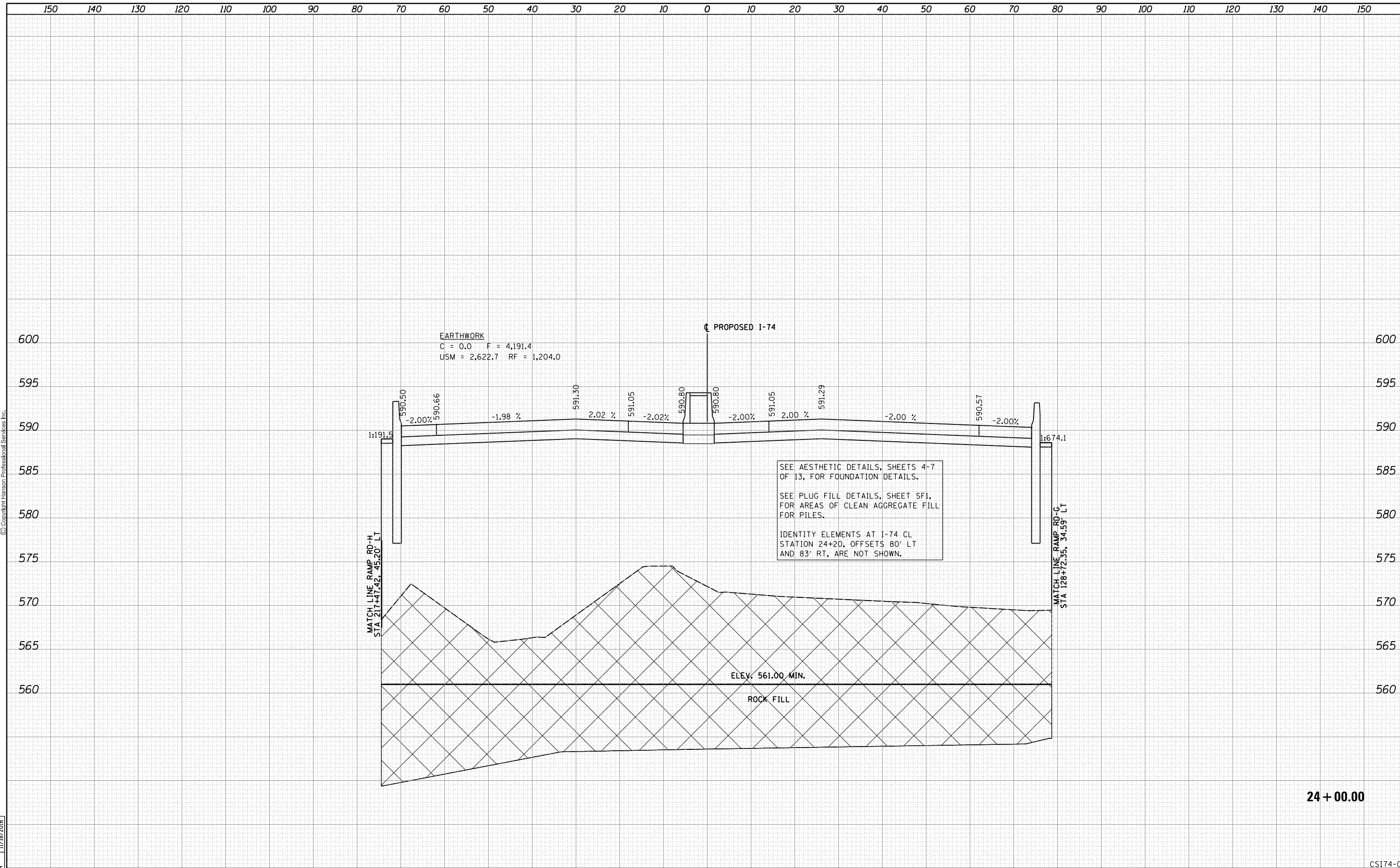
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PLOT SCALE =	CHECKED - MTH	REVISIED -	SCALE:			SHEET NO. 2 OF 20 SHEETS	STA. 23+85.31 TO STA. 23+85.31	CONTRACT NO. 64C08				
PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -	ILLINOIS FED. AID PROJECT									
CS174-02												

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



24 + 00.00

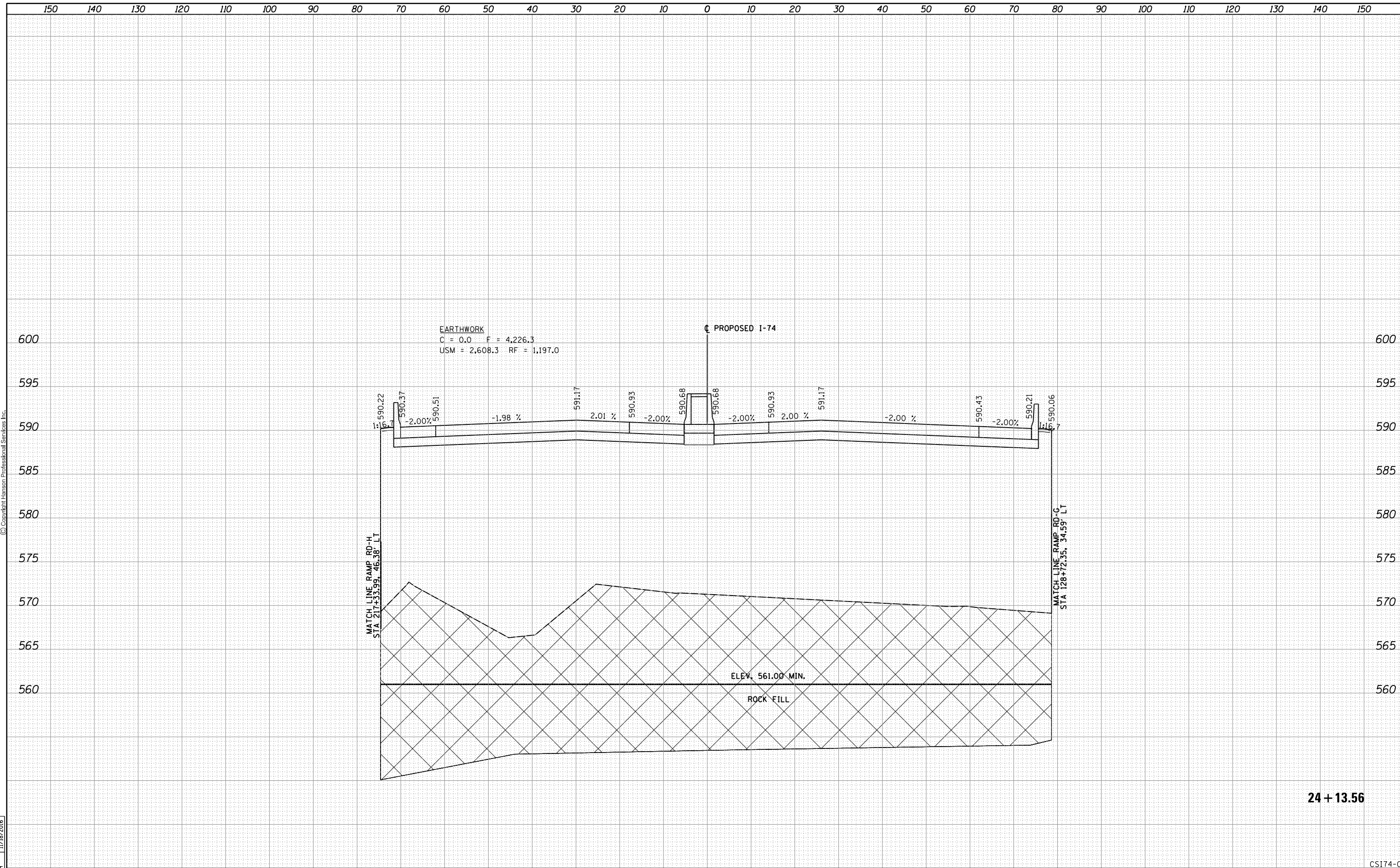
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PLOT SCALE =	CHECKED - MTH	REVISIED -	SCALE:			SHEET NO. 3 OF 20 SHEETS	STA. 24+00.00 TO STA. 24+00.00	CONTRACT NO. 64C08				
PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -	ILLINOIS FED. AID PROJECT									
CS174-03												

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



24 + 13.56

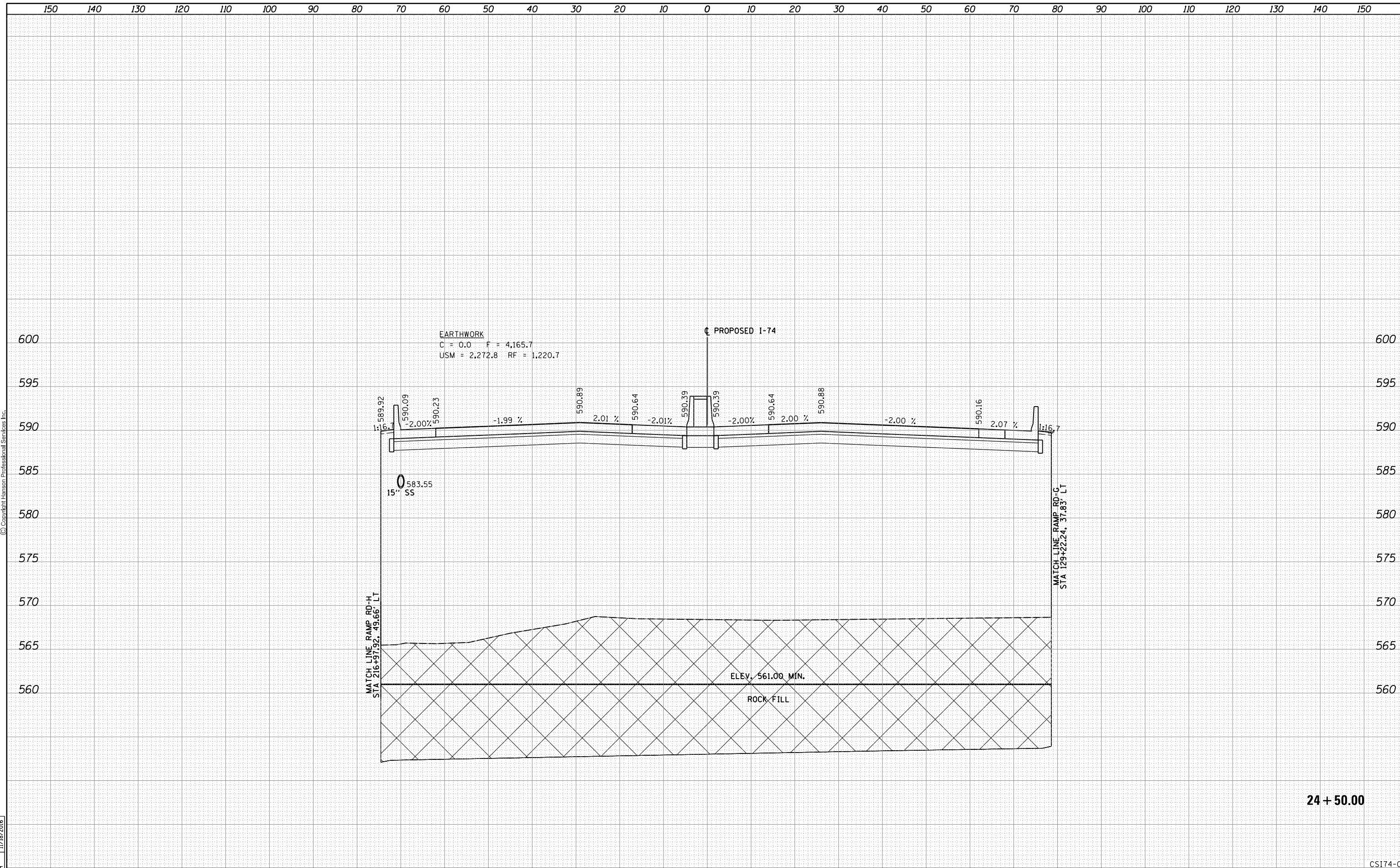
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	PLOT SCALE =	CHECKED - MTH	REVISIED -			ILLINOIS FED. AID PROJECT	CONTRACT NO. 64C08						
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



24 + 50.00

FILE NAME = D2CONAB-HPS-sh-t-xssh001M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS I-74 MAINLINE	SCALE:	SHEET NO. 5 OF 20 SHEETS	STA. 24+50.00 TO STA. 24+50.00	F.A.I. RTE. 74	SECTION (81-1)R & 81-IHVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1249
	PLOT SCALE =	CHECKED - MTH	REVISIED -			CONTRACT NO. 64C08	ILLINOIS FED. AID PROJECT						
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										

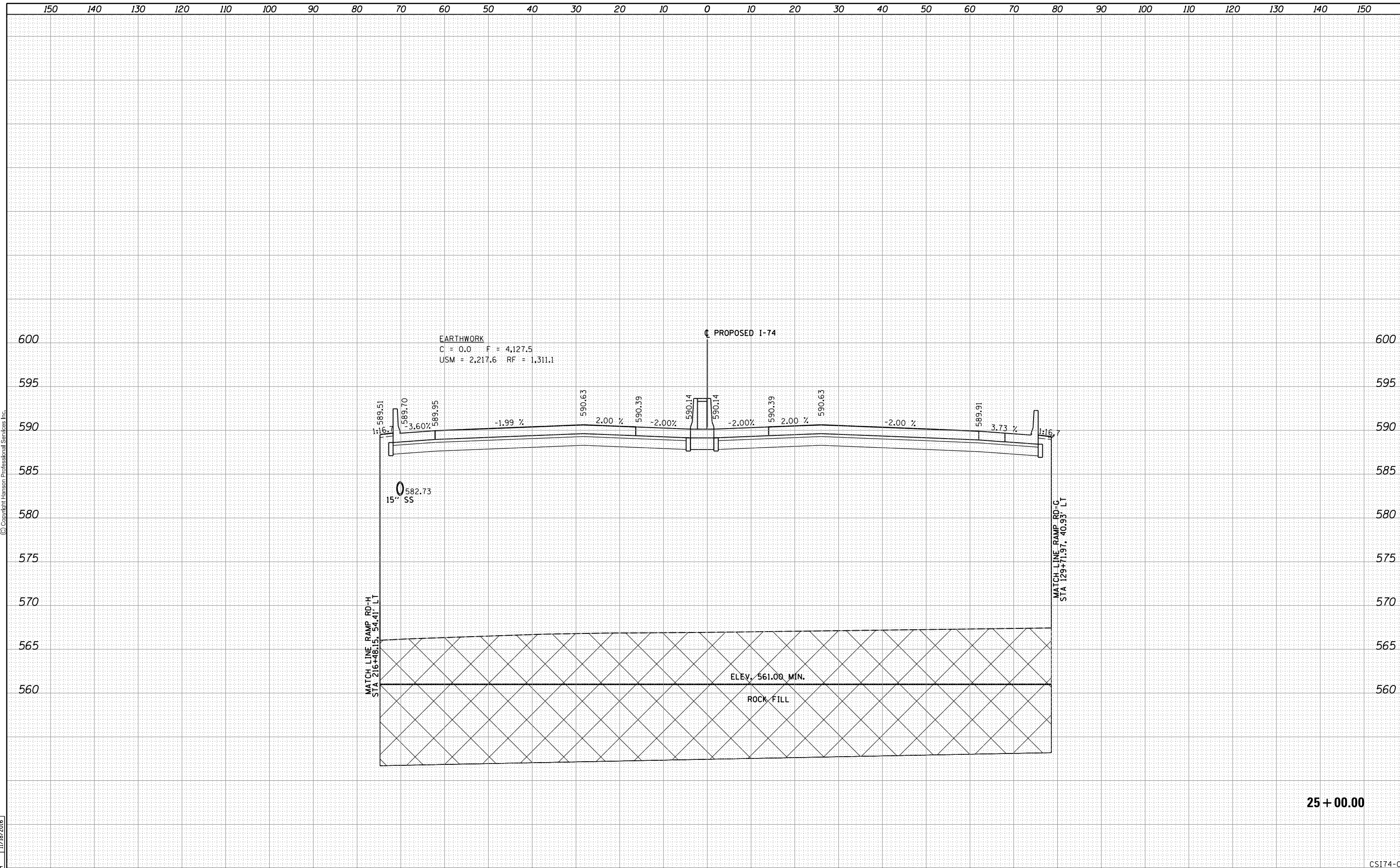
CSI74-05

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



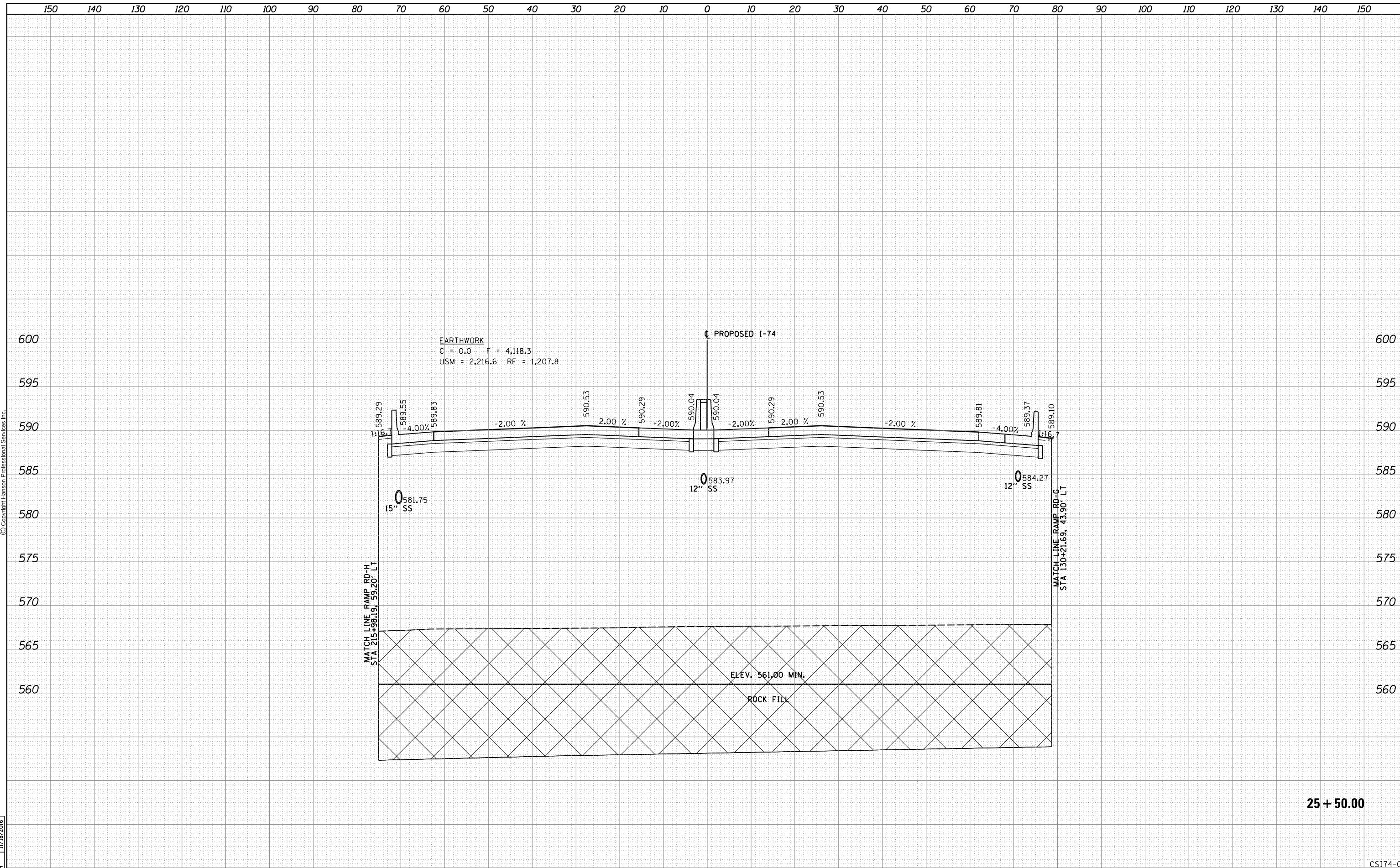
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		DRAWN - RLT	REVISIED -			74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1250	
		CHECKED - MTH	REVISIED -			CONTRACT NO. 64C08					
		DATE - 1/19/2017	REVISIED -			ILLINOIS FED. AID PROJECT					
SCALE:		SHEET NO. 6 OF 20 SHEETS		STA. 25+00.00 TO STA. 25+00.00							

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



ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



25 + 50.00

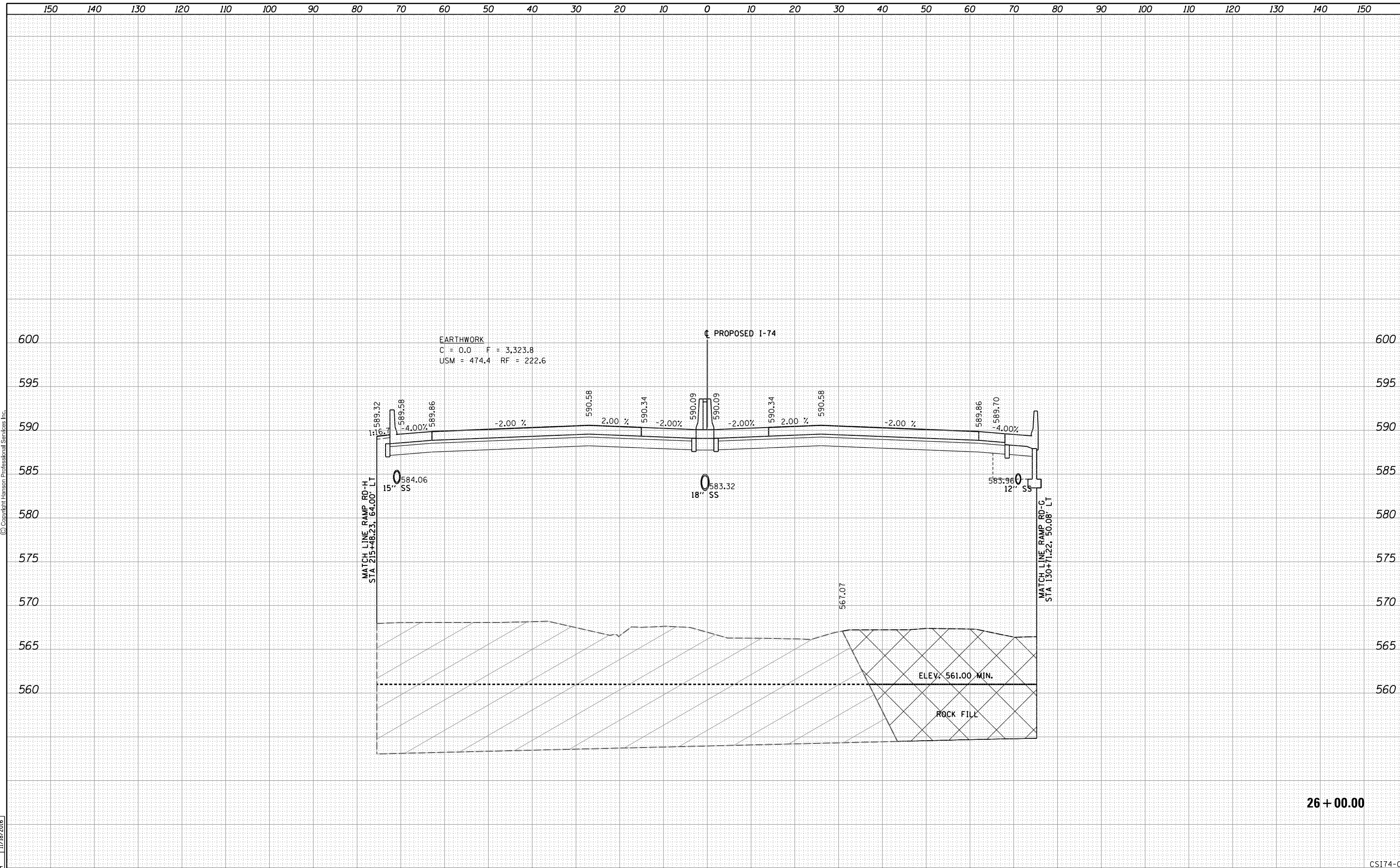
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	PLOT SCALE =	CHECKED - MTH	REVISIED -			CONTRACT NO. 64C08	ILLINOIS FED. AID PROJECT						
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



26 + 00.00

FILE NAME = D2CONAB-HPS-sh-t-xssh001M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS I-74 MAINLINE	SCALE:	SHEET NO. 8 OF 20 SHEETS	STA. 26+00.00 TO STA. 26+00.00	F.A.I. RTE. 74	SECTION (81-1)R & 81-IHVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1252
	PLOT SCALE =	CHECKED - MTH	REVISIED -			CONTRACT NO. 64C08	ILLINOIS FED. AID PROJECT						
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										

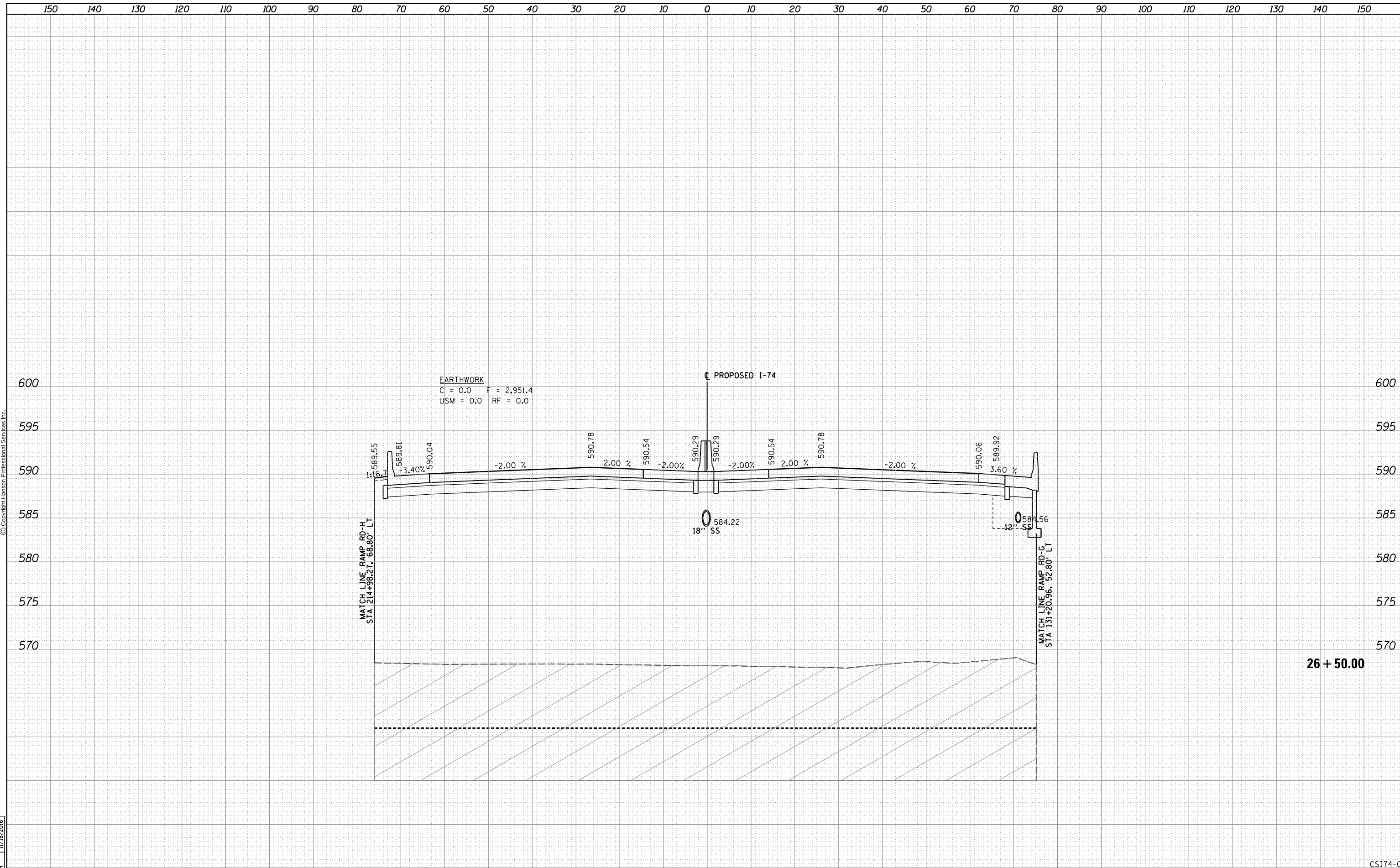
CSI174-08

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



EARTHWORK
 C = 0.0 F = 2,951.4
 USM = 0.0 RF = 0.0

PROPOSED I-74

MATCH LINE RAMP RD-H
 STA 214+98.27, 68.80' LT

MATCH LINE RAMP RD-C
 STA 131+20.96, 52.80' LT

26 + 50.00

FILE NAME = D2CONAB-HPS-sht-xssht001M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS I-74 MAINLINE		F.A.I. RTE. 74	SECTION (81-1)R & 81-IHVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1253	
	PLOT SCALE =	CHECKED - MTH	REVISIED -		SCALE:	SHEET NO. 9 OF 20 SHEETS	STA. 26+50.00 TO STA. 26+50.00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 64C08		
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -									

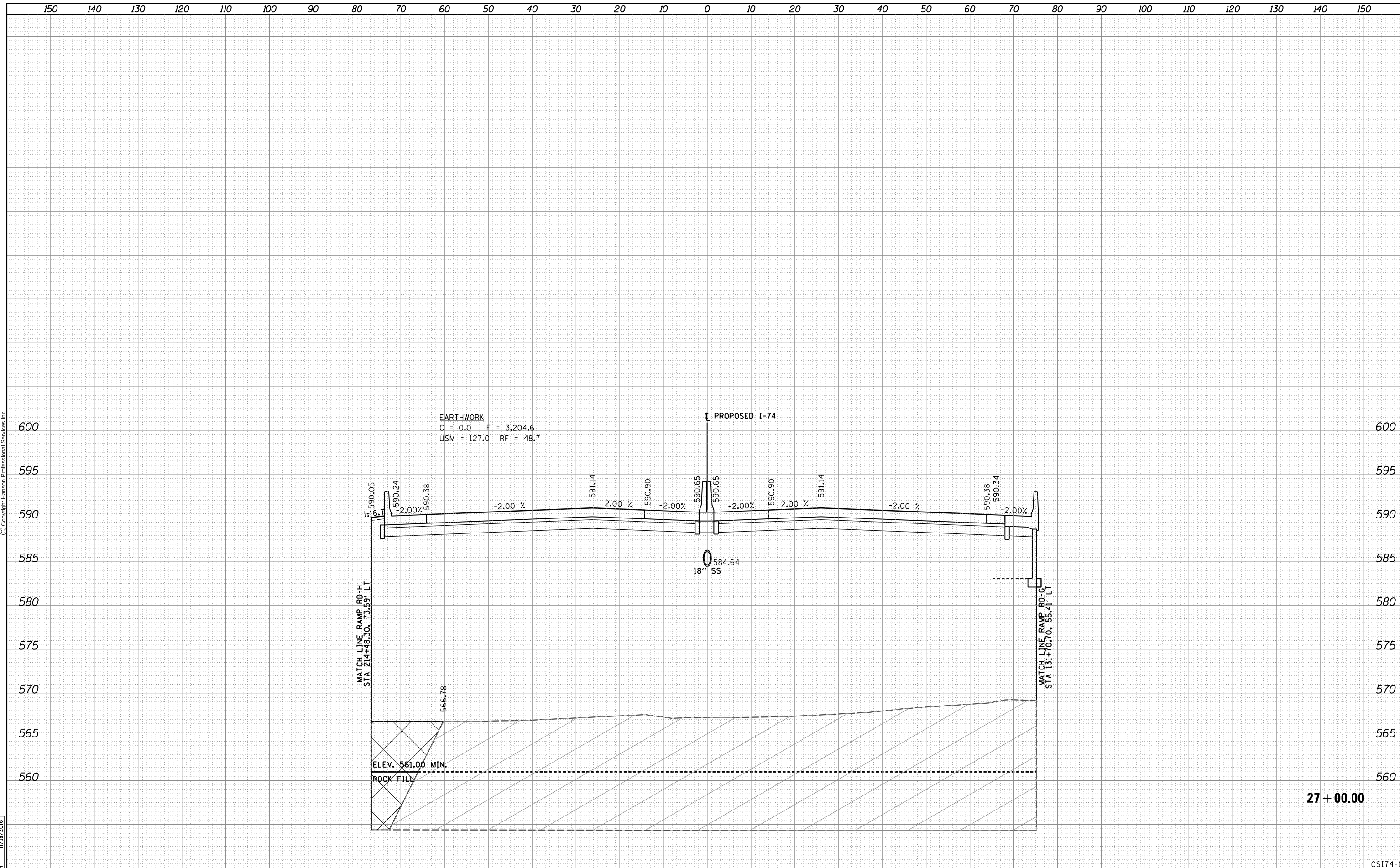
CSI174-09

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



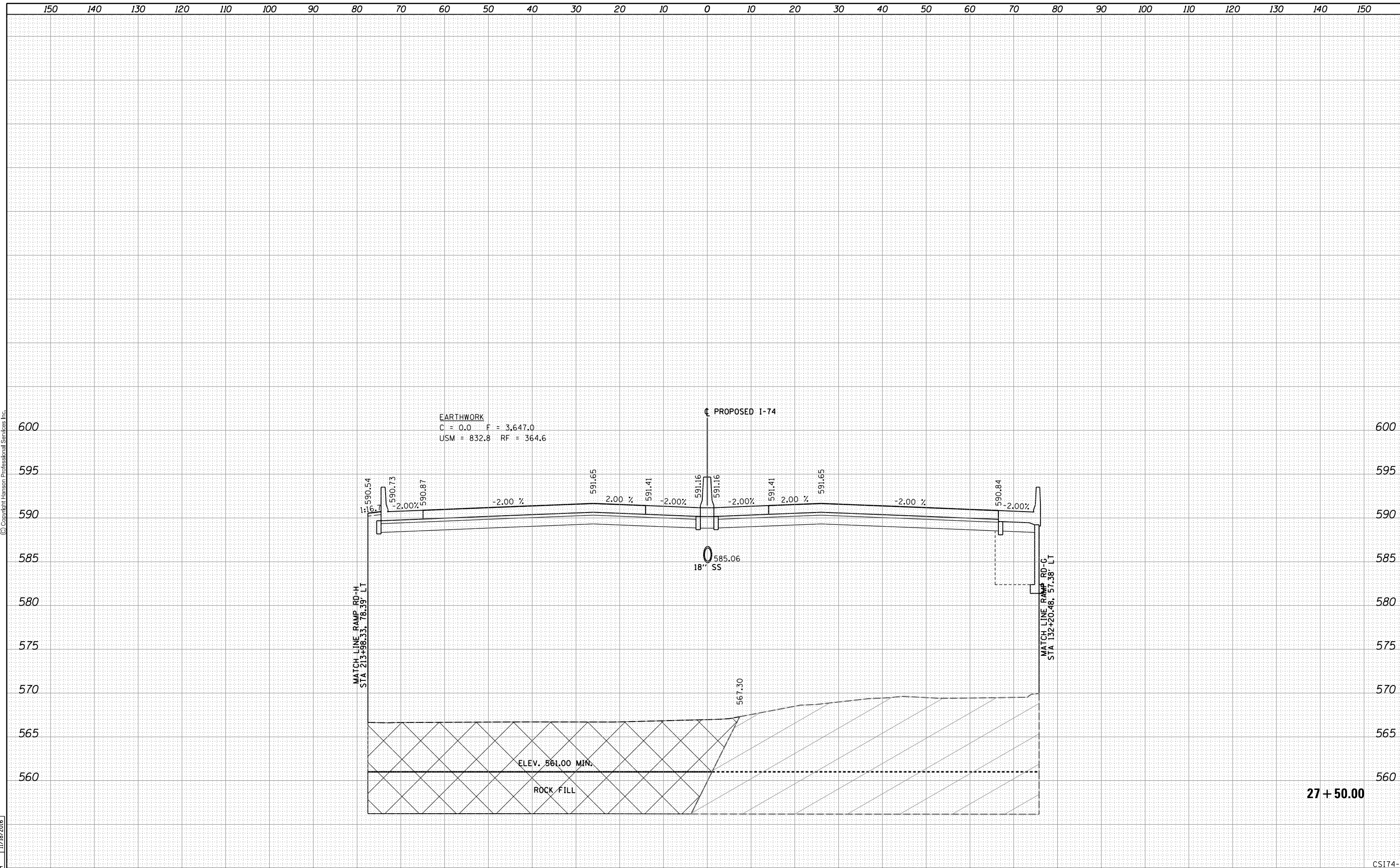
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PLOT SCALE =	CHECKED - MTH	REVISIED -	SCALE:		SHEET NO. 10 OF 20 SHEETS	STA. 27+00.00 TO STA. 27+00.00	CONTRACT NO. 64C08		ILLINOIS FED. AID PROJECT		
PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -									

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



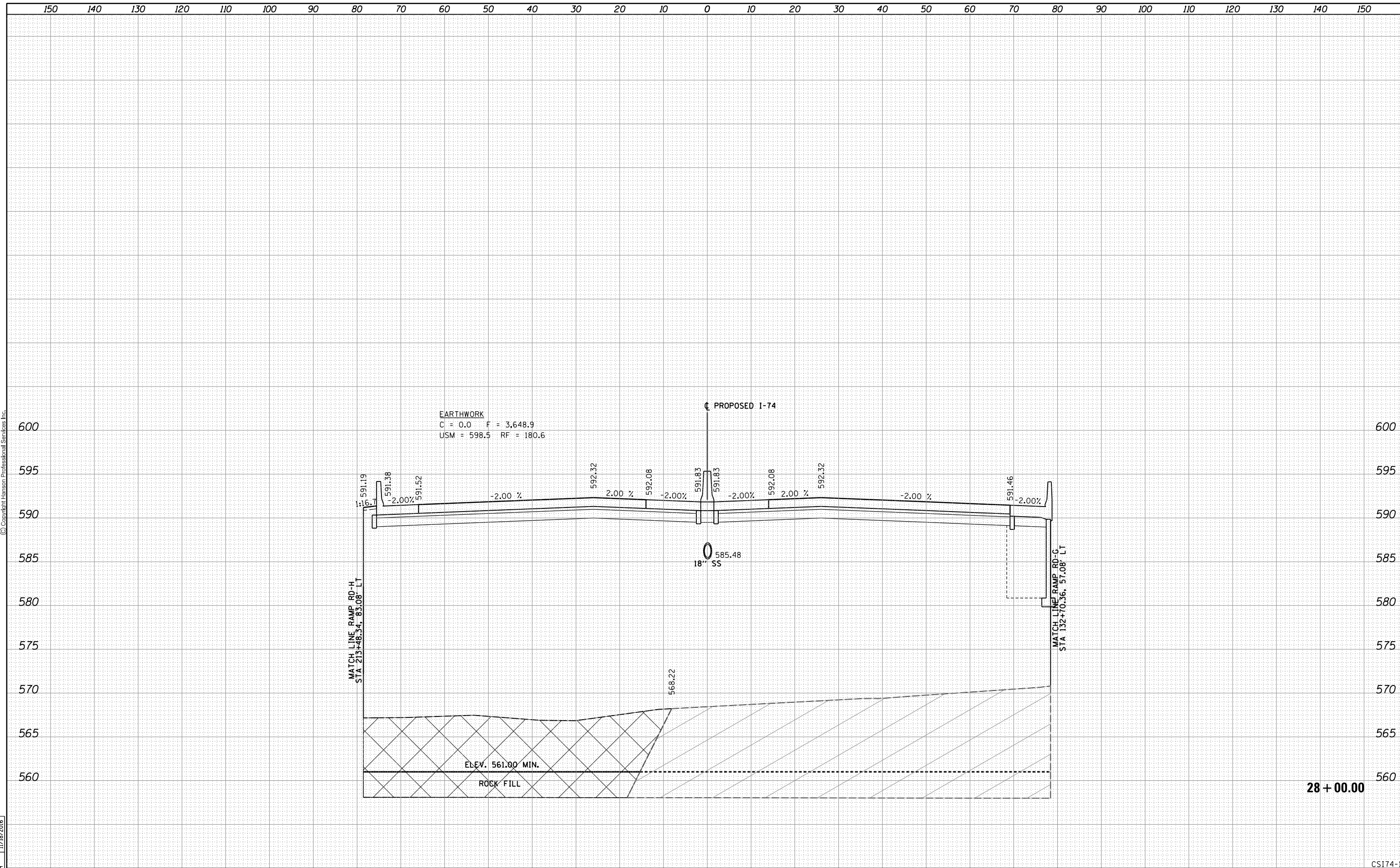
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	PLOT SCALE =	CHECKED - MTH	REVISIED -			CONTRACT NO. 64C08	ILLINOIS FED. AID PROJECT						
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



EARTHWORK
 C = 0.0 F = 3,648.9
 USM = 598.5 RF = 180.6

PROPOSED I-74

MATCH LINE RAMP RD-H
 STA 213+48.34, 83.08' LT

MATCH LINE RAMP RD-C
 STA 132+70.36, 57.08' LT

ELEV. 561.00 MIN.
 ROCK FILL

28 + 00.00

FILE NAME = D2CONAB-HPS-sht-xssht001M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS I-74 MAINLINE	SCALE:	SHEET NO. 12 OF 20 SHEETS	STA. 28+00.00 TO STA. 28+00.00	F.A.I. RTE. 74	SECTION (81-1)R & 81-IHVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1256
	PLOT SCALE =	CHECKED - MTH	REVISIED -			ILLINOIS FED. AID PROJECT	CONTRACT NO. 64C08						
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										

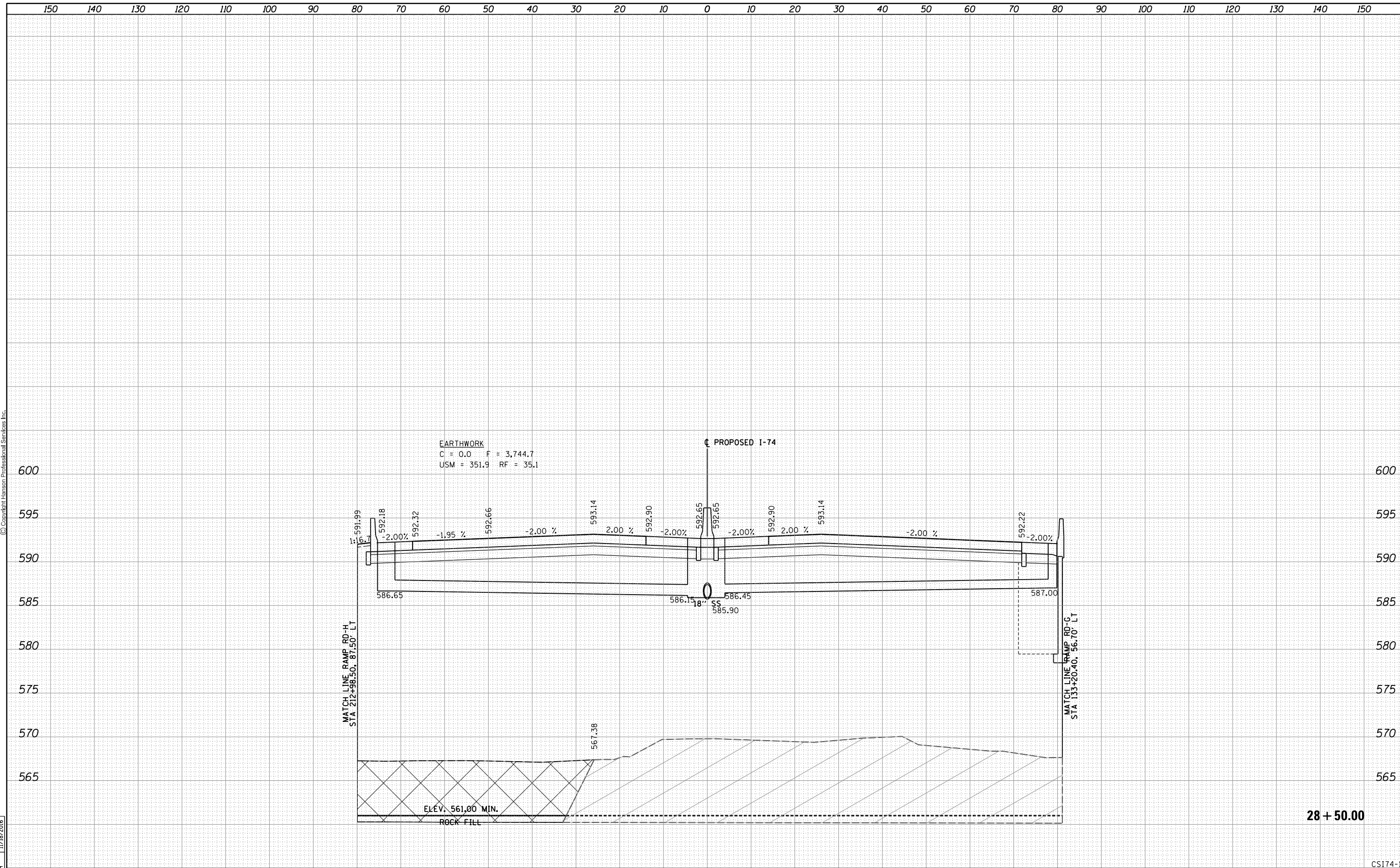
CS174-12

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



FILE NAME =	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS I-74 MAINLINE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D2CONAB-HPS-sh-t-xssh001M.dgn		DRAWN - RLT	REVISIED -			74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1257
PLOT SCALE =		CHECKED - MTH	REVISIED -			CONTRACT NO. 64C08				
PLOT DATE = 1/19/2017		DATE - 1/20/2017	REVISIED -			ILLINOIS FED. AID PROJECT				

28 + 50.00

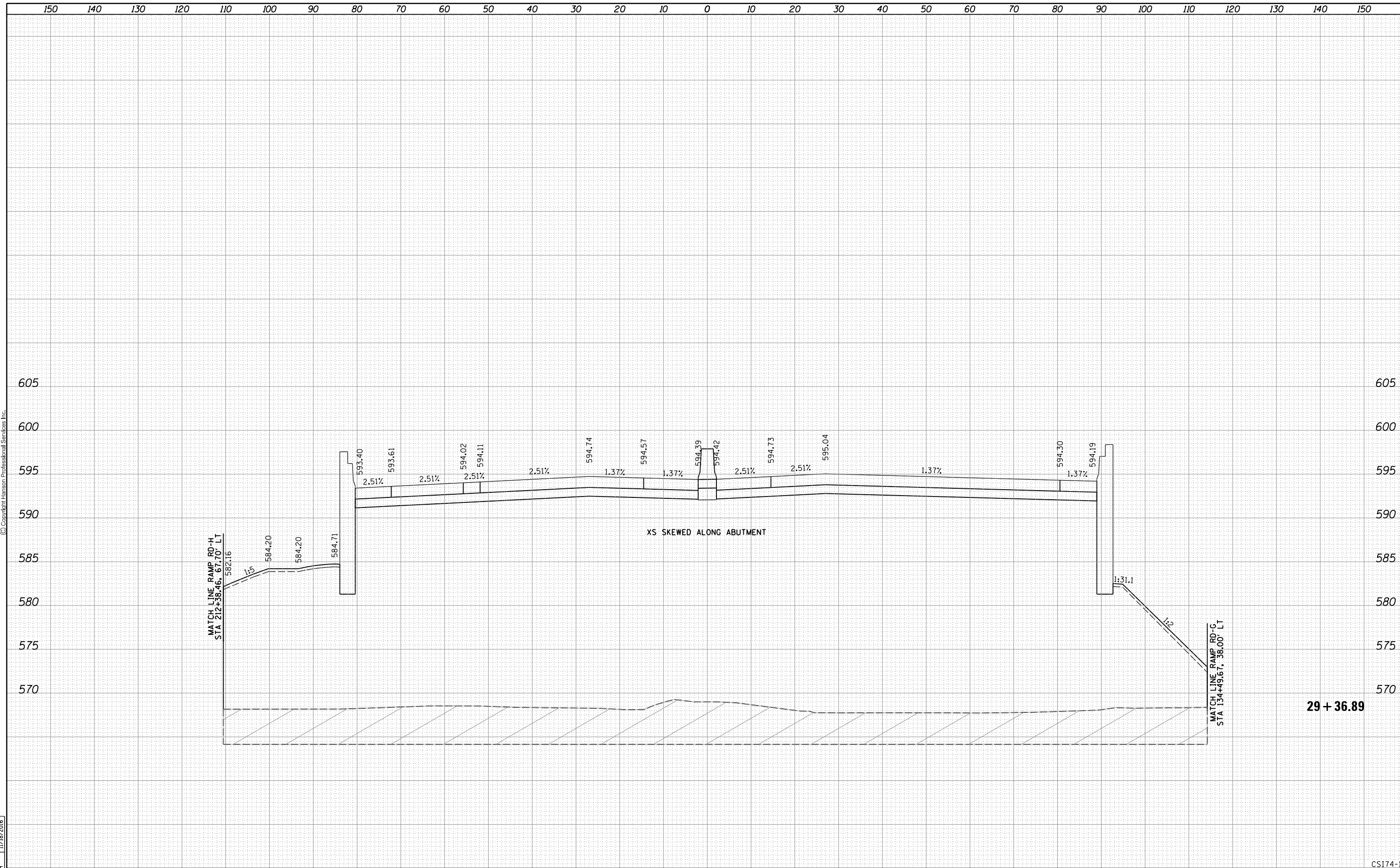
CS174-13

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		

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



29 + 36.89

CS174-15

FILE NAME = D2CONAB-HPS-sht-xssht001M.dgn

USER NAME = hehr01663	DESIGNED - RLT	REVISIED -
	DRAWN - RLT	REVISIED -
PLOT SCALE =	CHECKED - MTH	REVISIED -
PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS I-74 MAINLINE			
SCALE:	SHEET NO. 15 OF 20 SHEETS	STA. 29+36.89	TO STA. 29+36.89

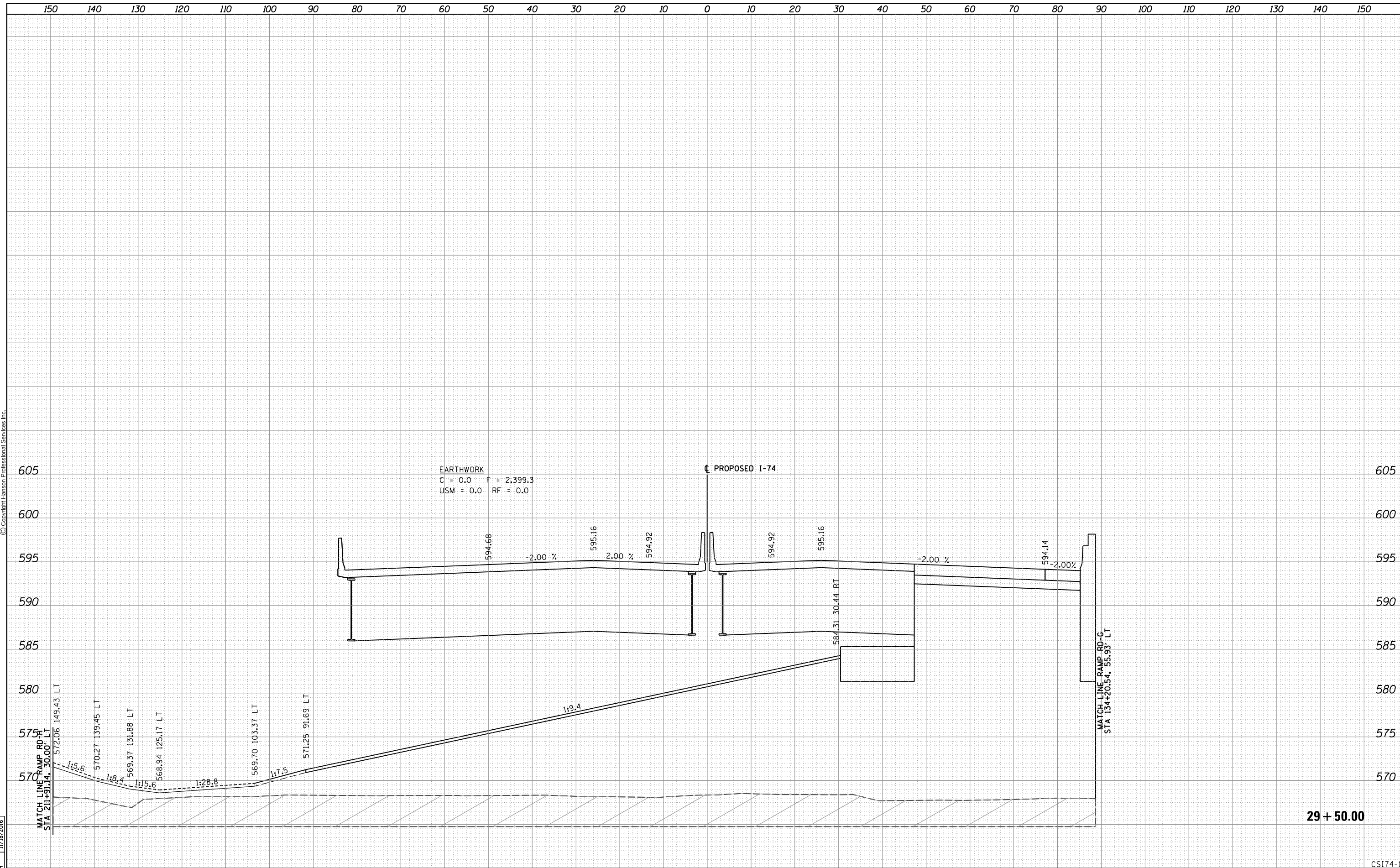
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1259
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



EARTHWORK
 C = 0.0 F = 2,399.3
 USM = 0.0 RF = 0.0

PROPOSED I-74

MATCH LINE RAMP RD-C
 STA 211+91.14, 30.00' LT

MATCH LINE RAMP RD-C
 STA 134+20.54, 55.95' LT

29 + 50.00

FILE NAME =	D2CONAB-HPS-sht-xssht001M.dgn
USER NAME =	hehr01663
DESIGNED -	RLT
DRAWN -	RLT
CHECKED -	MTH
DATE -	1/20/2017
REVISOR -	
REVISION -	
REVISOR -	
REVISION -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 I-74 MAINLINE

SCALE: SHEET NO. 16 OF 20 SHEETS STA. 29+50.00 TO STA. 29+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1260
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				

CS174-16

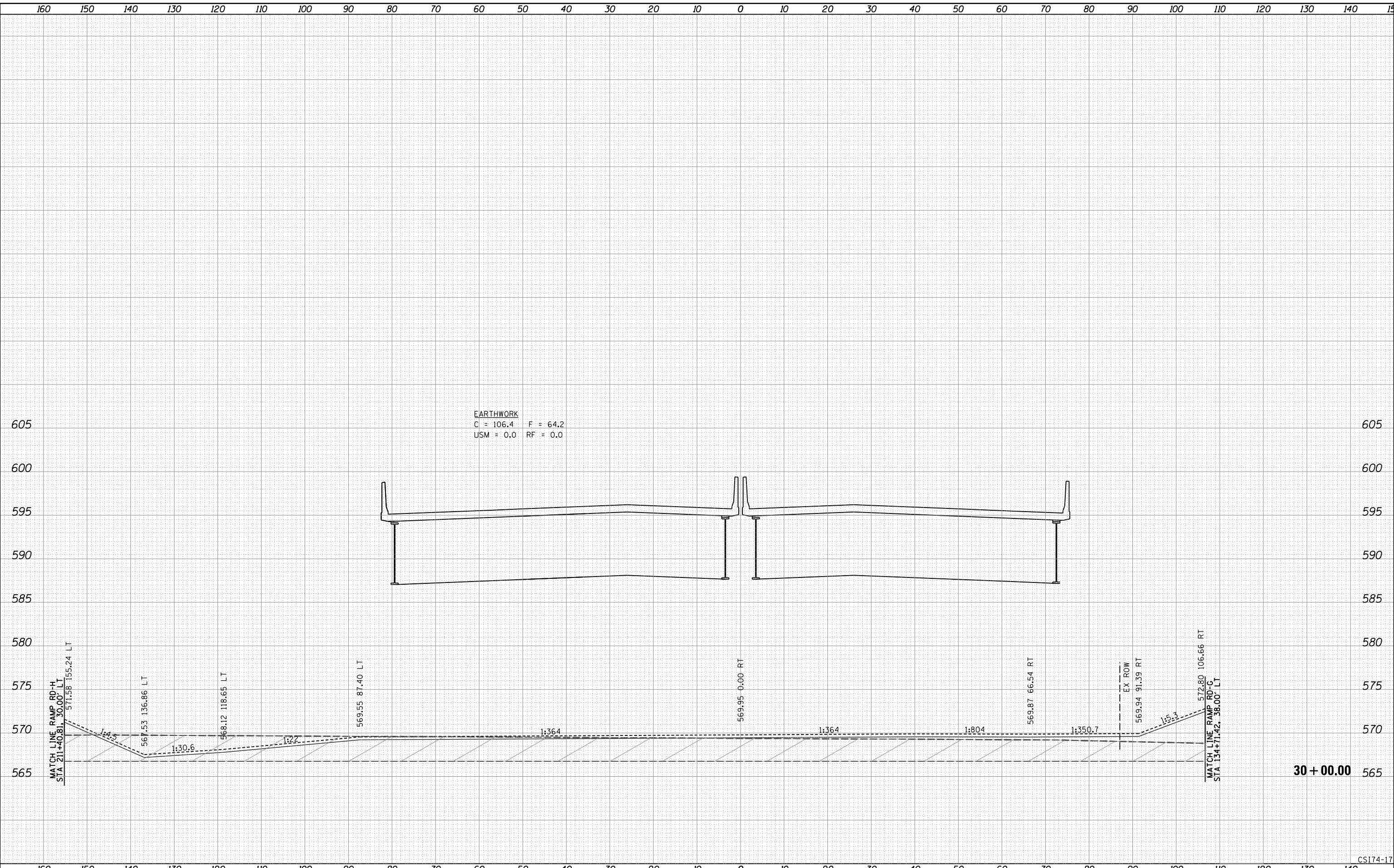
FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016

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EARTHWORK
 C = 106.4 F = 64.2
 USM = 0.0 RF = 0.0

FILE NAME =	D2CONAB-HPS-sh-t-xssht001M.dgn
USER NAME =	hehr@1663
DESIGNED -	RLT
DRAWN -	RLT
CHECKED -	MTH
DATE -	1/20/2017

REVISIED -	
REVISIED -	
REVISIED -	
REVISIED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 I-74 MAINLINE

SCALE: SHEET NO. 17 OF 20 SHEETS STA. 30+00.00 TO STA. 30+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1261
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				

CS174-17

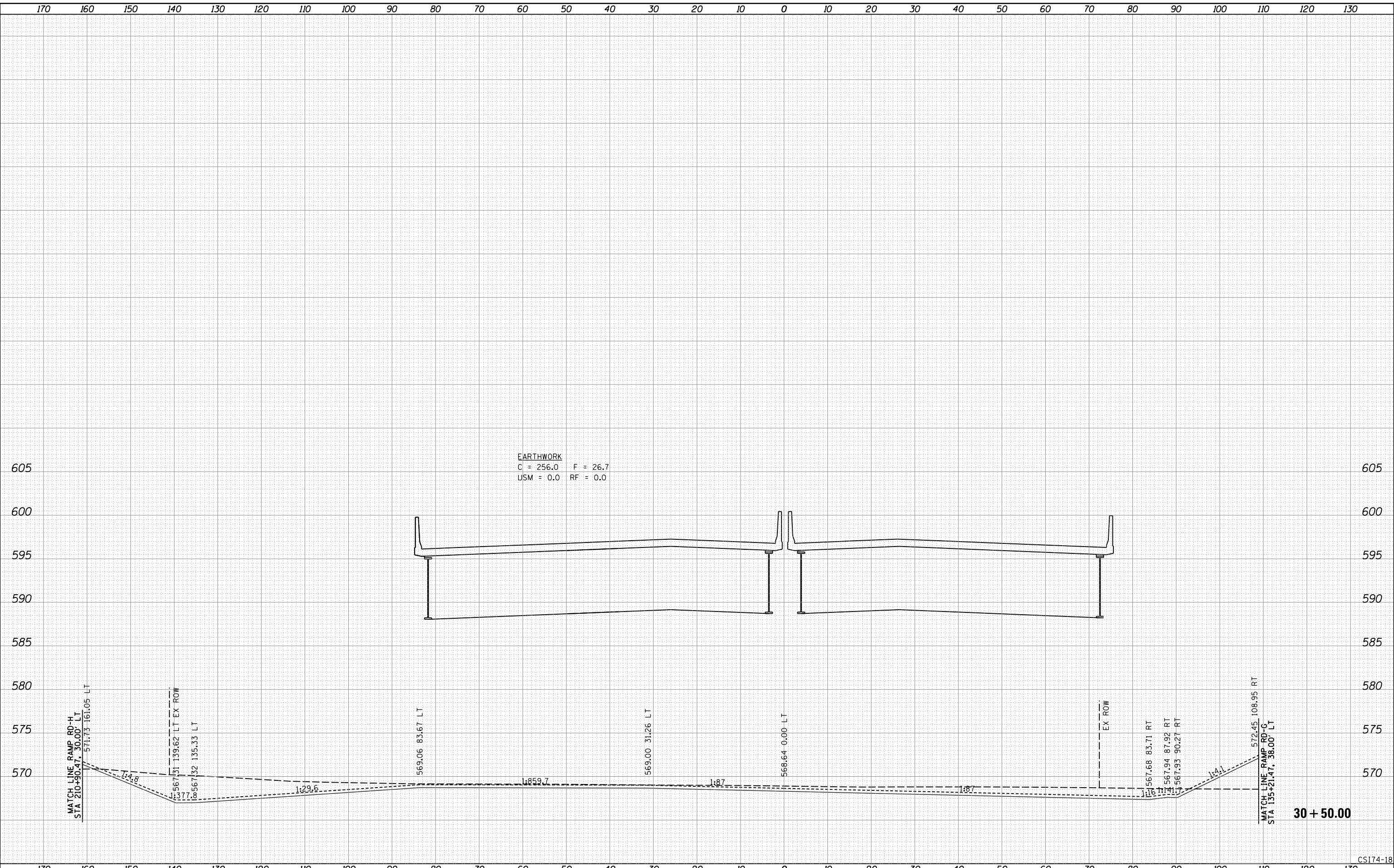
FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



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	PLOT SCALE =	CHECKED - MTH	REVISIED -		CONTRACT NO. 64C08		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -						
CS174-18									

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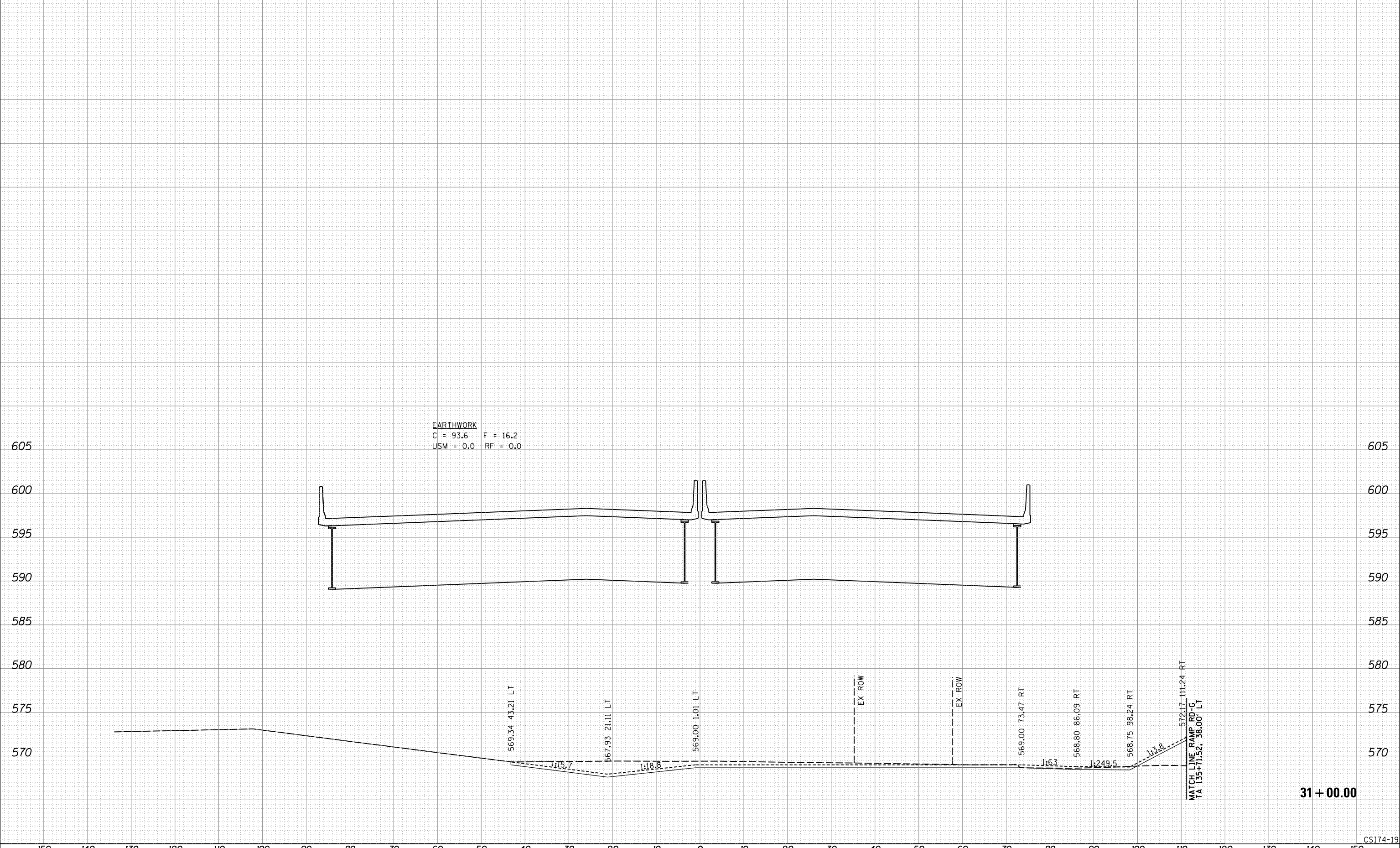
FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



31 + 00.00

CS174-19

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		DRAWN - RLT	REVISIED -					74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1263
		CHECKED - MTH	REVISIED -					CONTRACT NO. 64C08				
PLOT SCALE =		DATE - 1/20/2017	REVISIED -	SCALE:	SHEET NO. 19 OF 20 SHEETS	STA. 31+00.00	TO STA. 31+00.00	ILLINOIS FED. AID PROJECT				

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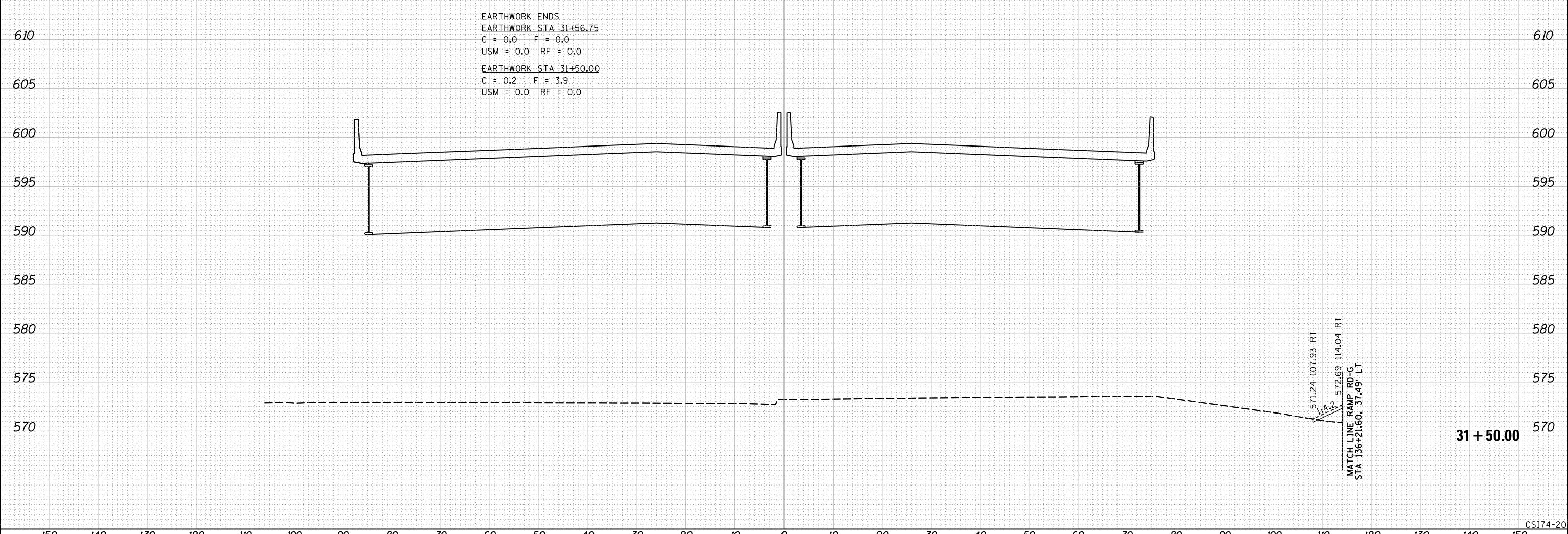
FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		



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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
AREAS CHECKED	TEMPLATE		
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	11/18/2016



CSI174-20

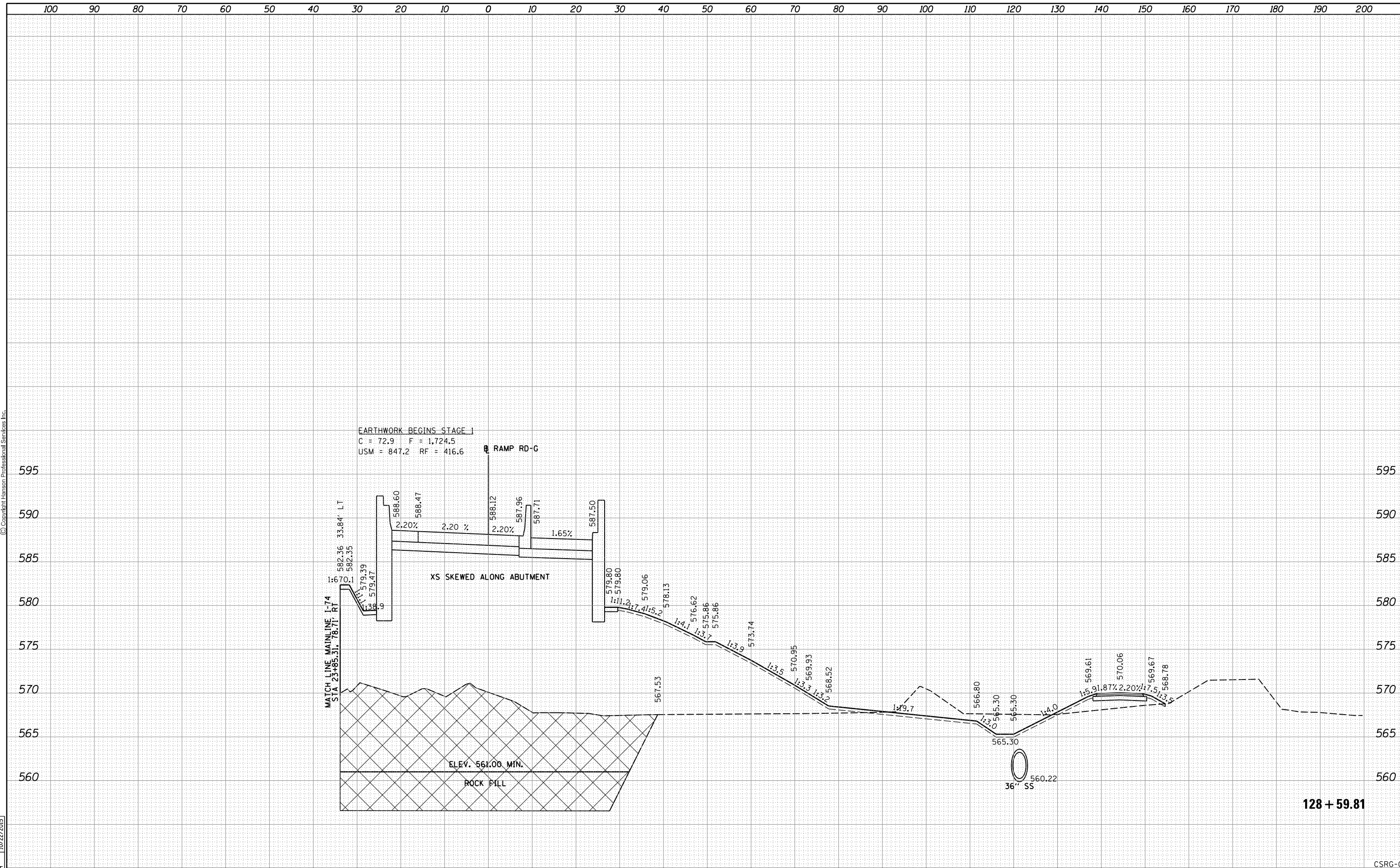
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		DRAWN - RLT	REVISIED -				74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1264	
		CHECKED - MTH	REVISIED -		SCALE:		SHEET NO. 20 OF 20 SHEETS	STA. 31+50.00	TO STA. 31+50.00	ILLINOIS FED. AID PROJECT		
		DATE - 1/20/2017	REVISIED -		CONTRACT NO. 64C08							

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



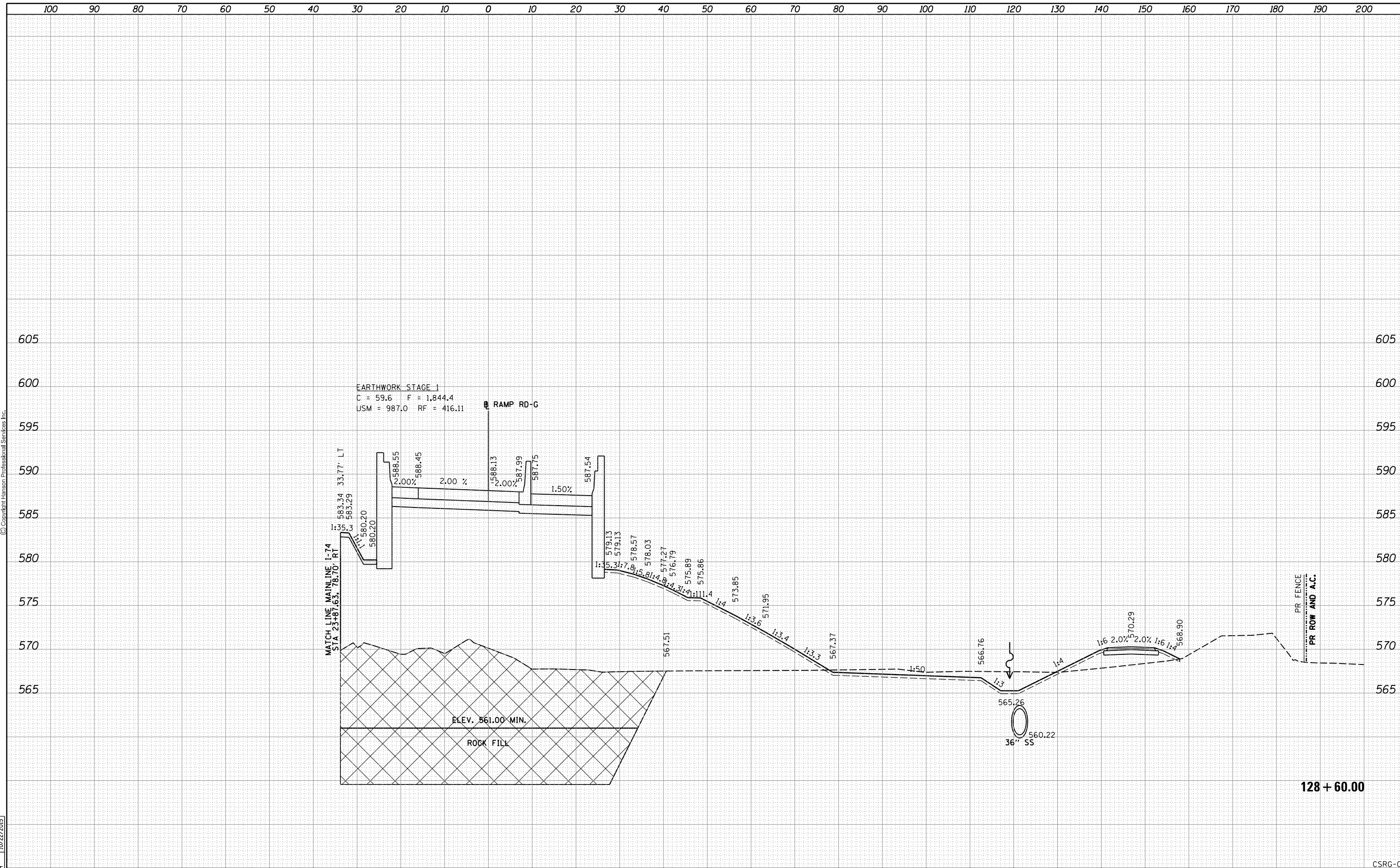
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		DRAWN - RLT	REVISIED -		SCALE:	SHEET NO. 1 OF 25 SHEETS	STA. 128+59.81 TO STA. 128+59.81	74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1265
		CHECKED - MTH	REVISIED -		CONTRACT NO. 64C08							
		DATE - 1/19/2017	REVISIED -		ILLINOIS FED. AID PROJECT							

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



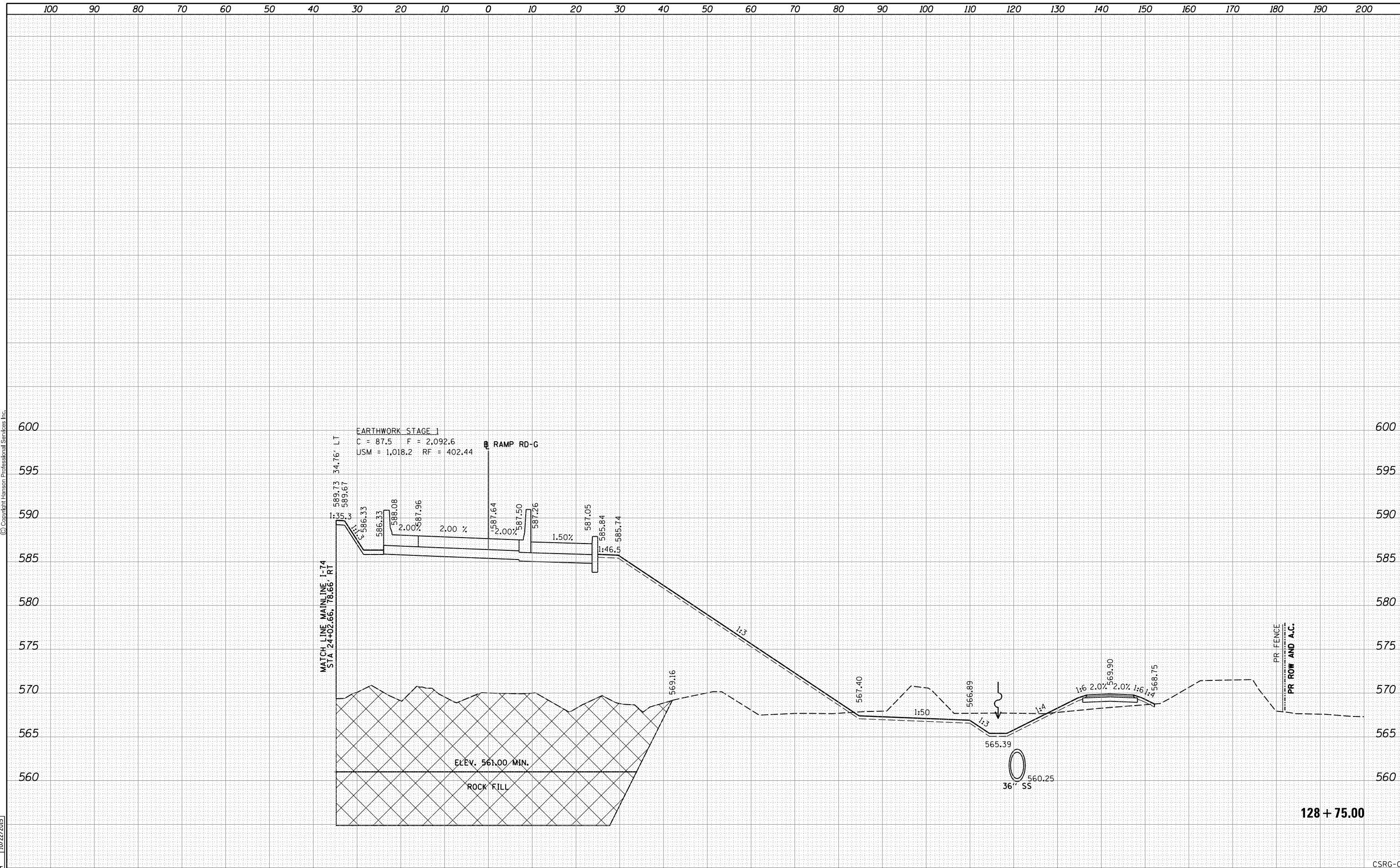
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D2CONAB-HPS-sh-t-xssh002M.dgn		DRAWN - RLT	REVISED -		74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1266		
PLOT SCALE =		CHECKED - MTH	REVISED -		SCALE:		SHEET NO. 2 OF 25 SHEETS		STA. 128+60.00 TO STA. 128+60.00	CONTRACT NO. 64C08	
PLOT DATE = 1/19/2017		DATE - 1/20/2017	REVISED -		ILLINOIS FED. AID PROJECT						

FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
BY	
DATE	



ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
BY	
DATE	

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



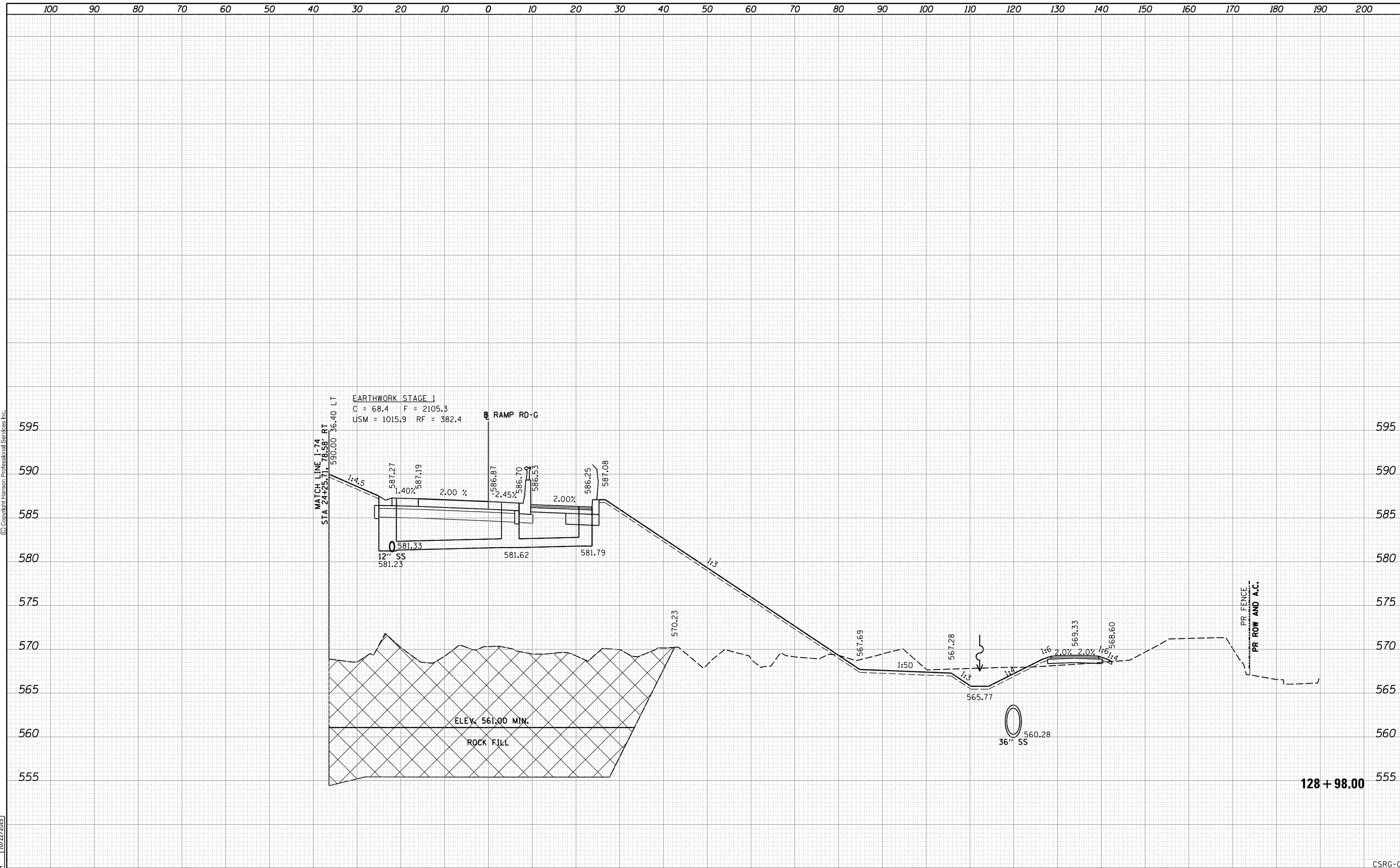
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	PLOT SCALE =	CHECKED - MTH	REVISIED -			CONTRACT NO. 64C08	ILLINOIS FED. AID PROJECT						
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										

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



ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



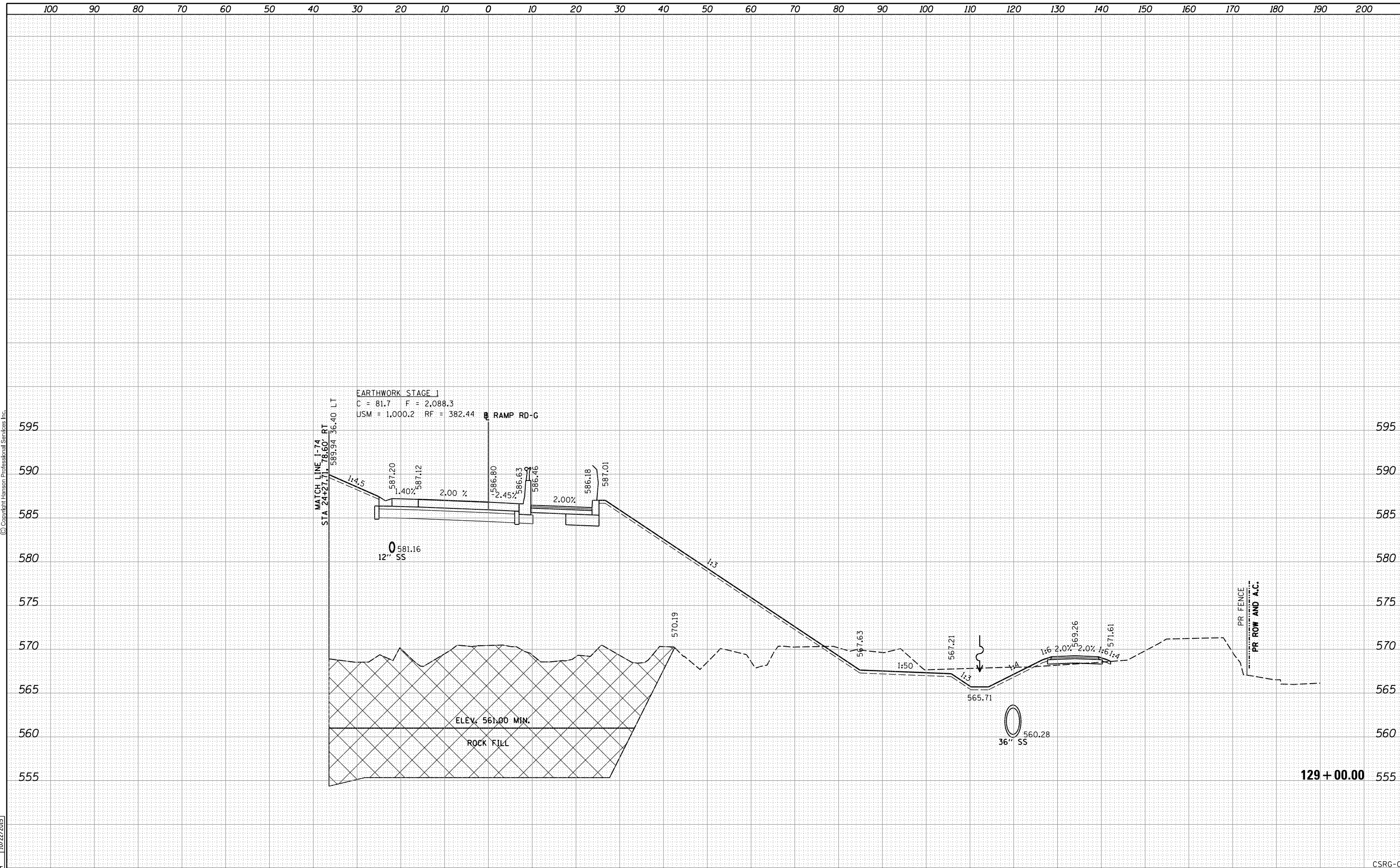
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		DRAWN - RLT	REVISIED -		SCALE:	SHEET NO. 4 OF 25 SHEETS	STA. 128+98.00 TO STA. 128+98.00	74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1268
		CHECKED - MTH	REVISIED -		CONTRACT NO. 64C08							
		PLOT DATE = 1/19/2017	REVISIED -		ILLINOIS FED. AID PROJECT							

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



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



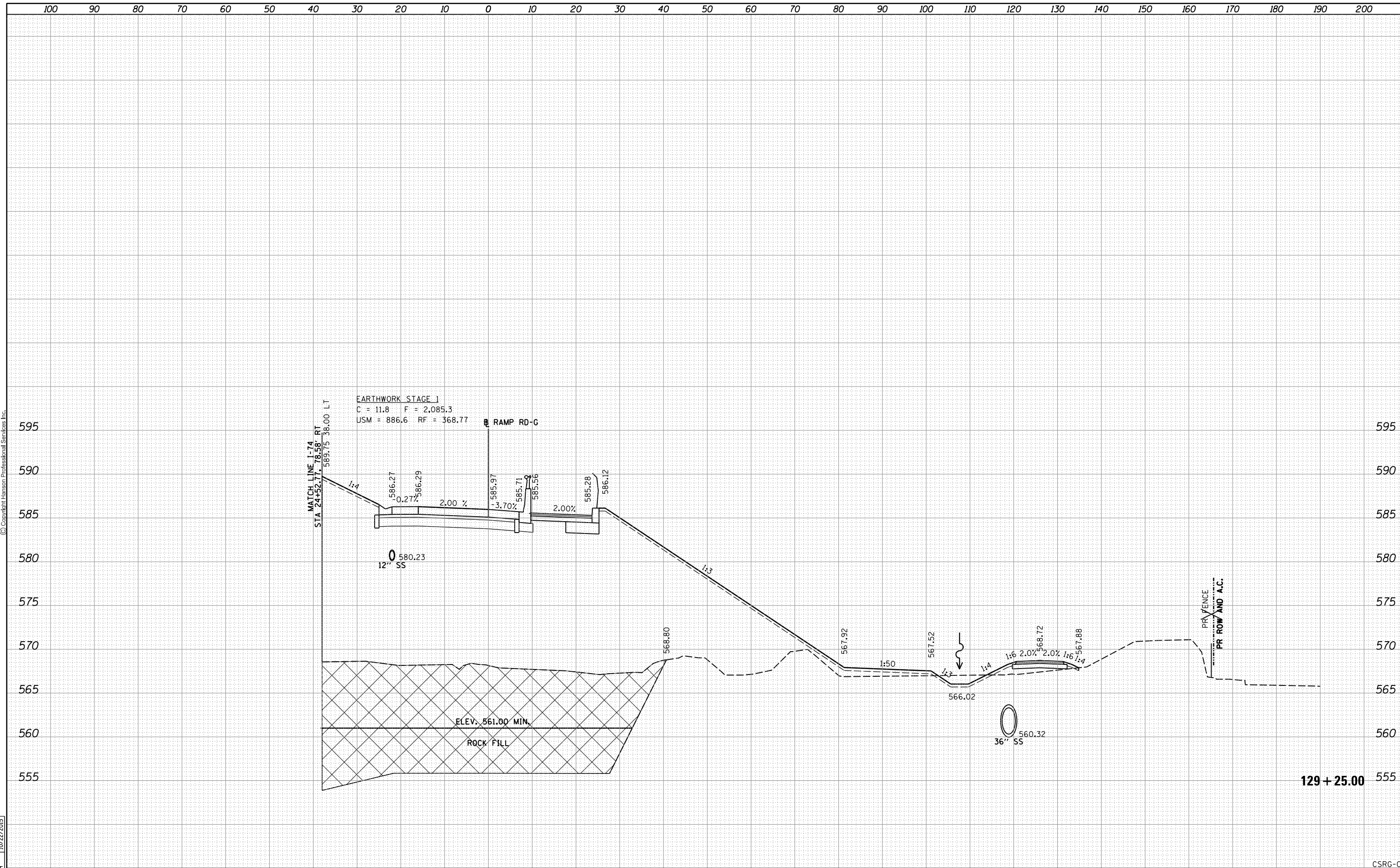
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	PLOT SCALE =	CHECKED - MTH	REVISIED -			CONTRACT NO. 64C08	ILLINOIS FED. AID PROJECT						
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										

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



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



FILE NAME = D2CONAB-HPS-sh-t-xssh002M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP RD-G	SCALE:	SHEET NO. 6 OF 25 SHEETS	STA. 129+25.00 TO STA. 129+25.00	F.A.I. RTE. 74	SECTION (81-1)R & 81-1)HVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1270
		DRAWN - RLT	REVISED -			CONTRACT NO. 64C08	ILLINOIS FED. AID PROJECT						
		CHECKED - MTH	REVISED -										
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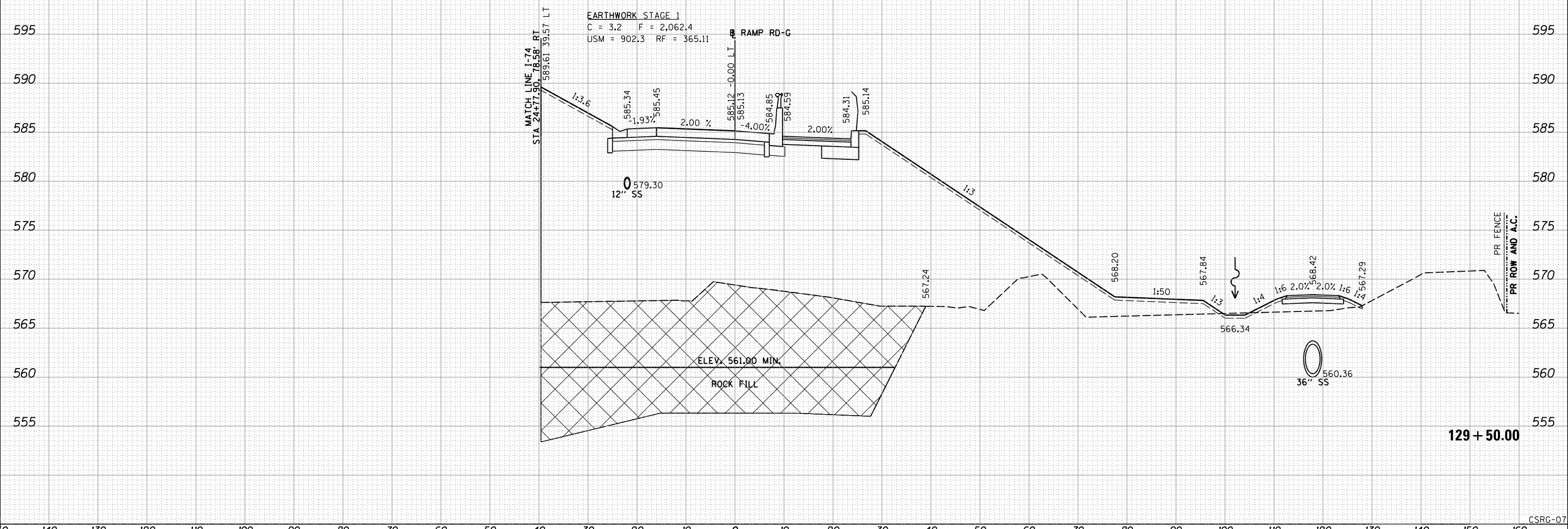
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NOTE BOOK	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015

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FILE NAME = D2CONAB-HPS-sh-t-xssh002M.dgn

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PLOT SCALE =		CHECKED -	MTH	REVISIED -	
PLOT DATE =	1/19/2017	DATE -	1/20/2017	REVISIED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP RD-G**

SCALE: SHEET NO. 7 OF 25 SHEETS STA. 129+50.00 TO STA. 129+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1271
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

129 + 50.00

CSRG-07

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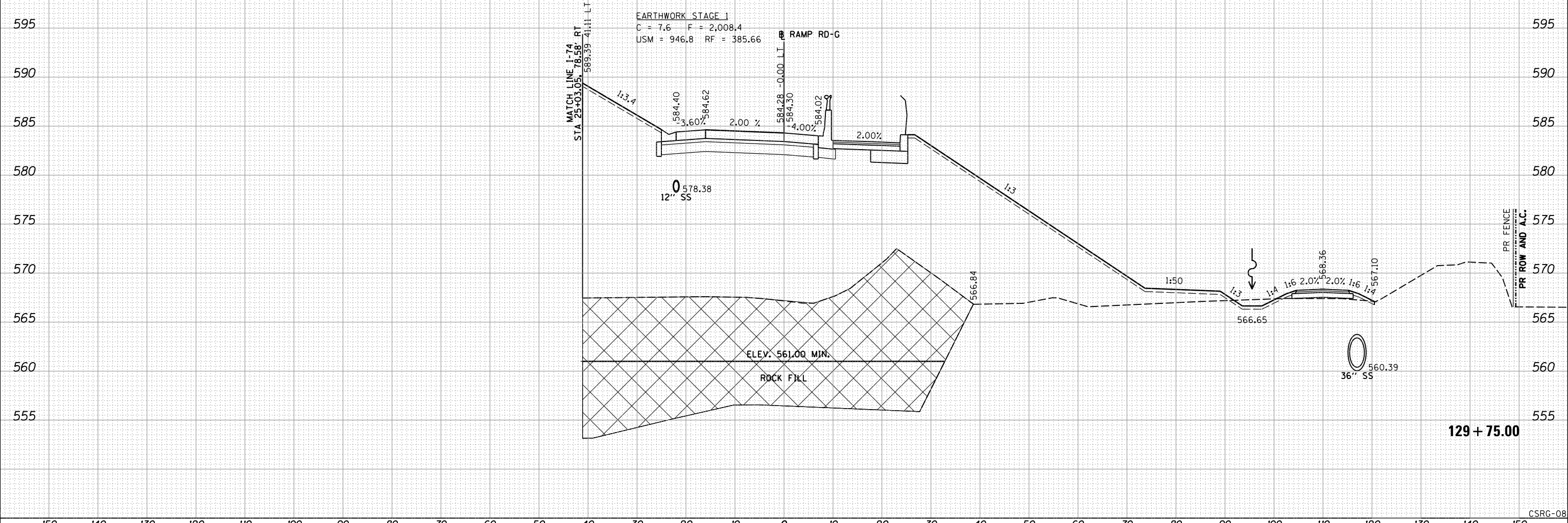
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NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015

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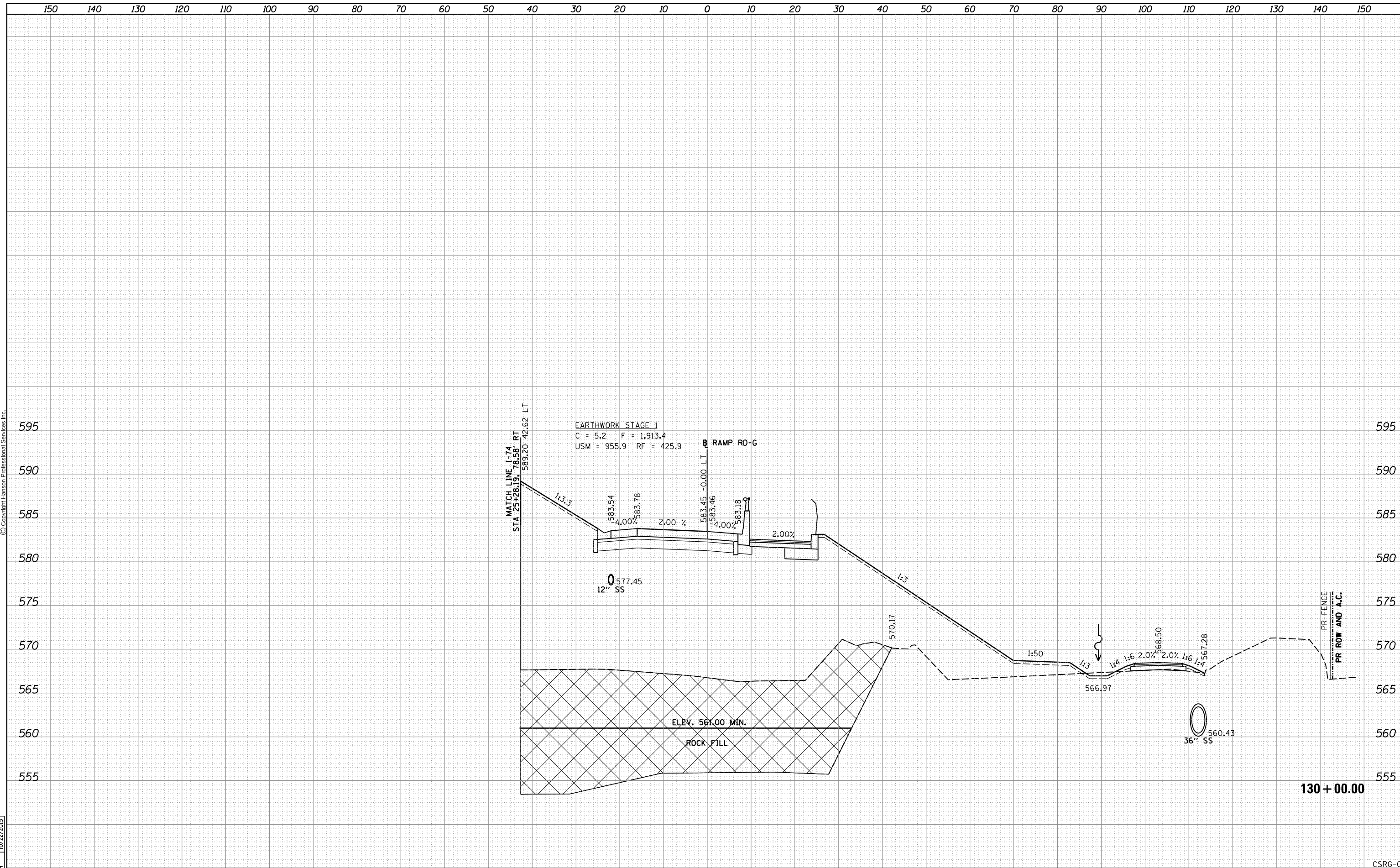
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	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -									
CSRG-08												

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



FILE NAME = D2CONAB-HPS-sh-t-xssh002M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP RD-G	SCALE:	SHEET NO. 9 OF 25 SHEETS	STA. 130+00.00 TO STA. 130+00.00	F.A.I. RTE. 74	SECTION (81-1)R & 81-IHVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1273
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CSRG-09

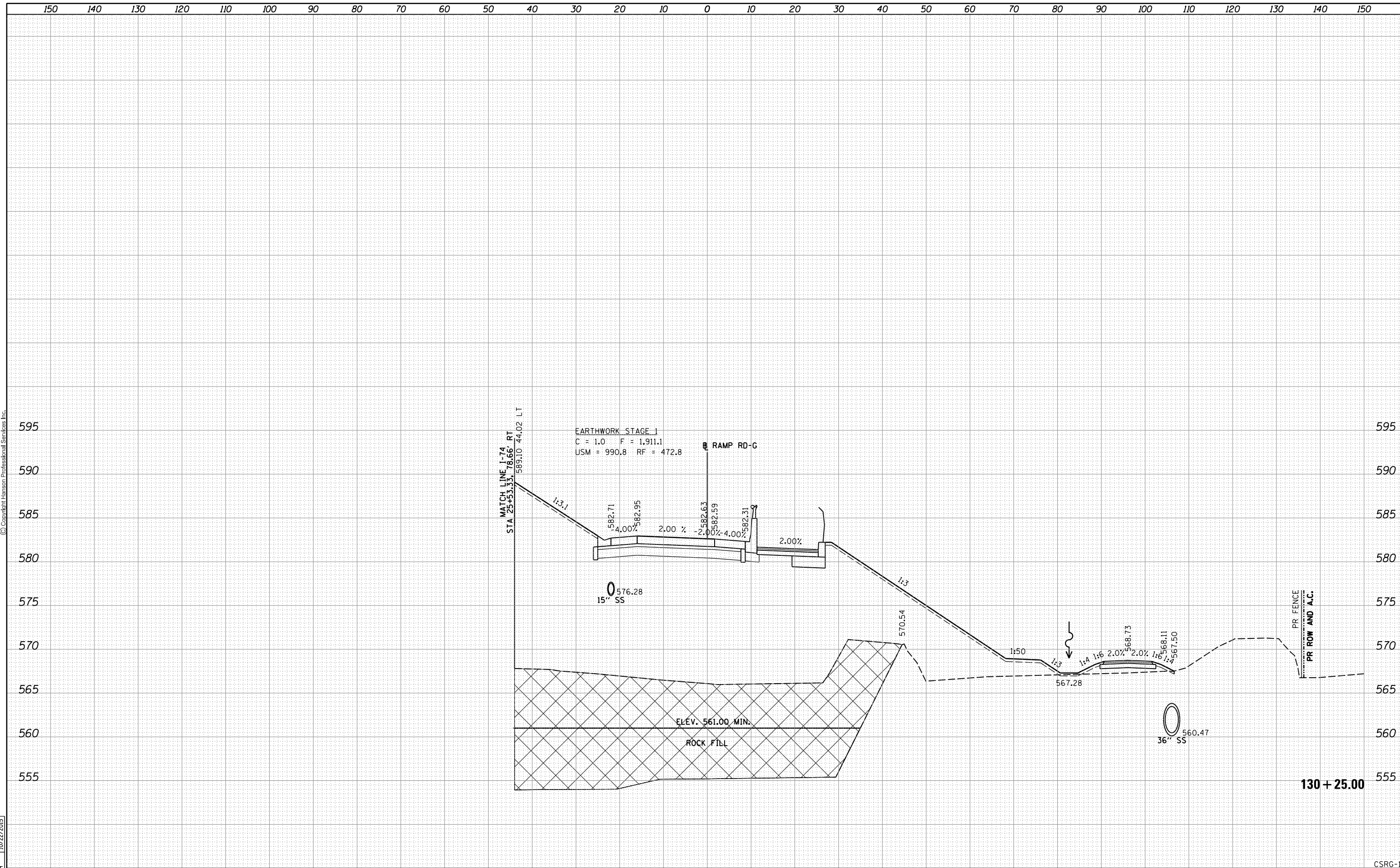
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FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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	AREAS CHECKED		



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



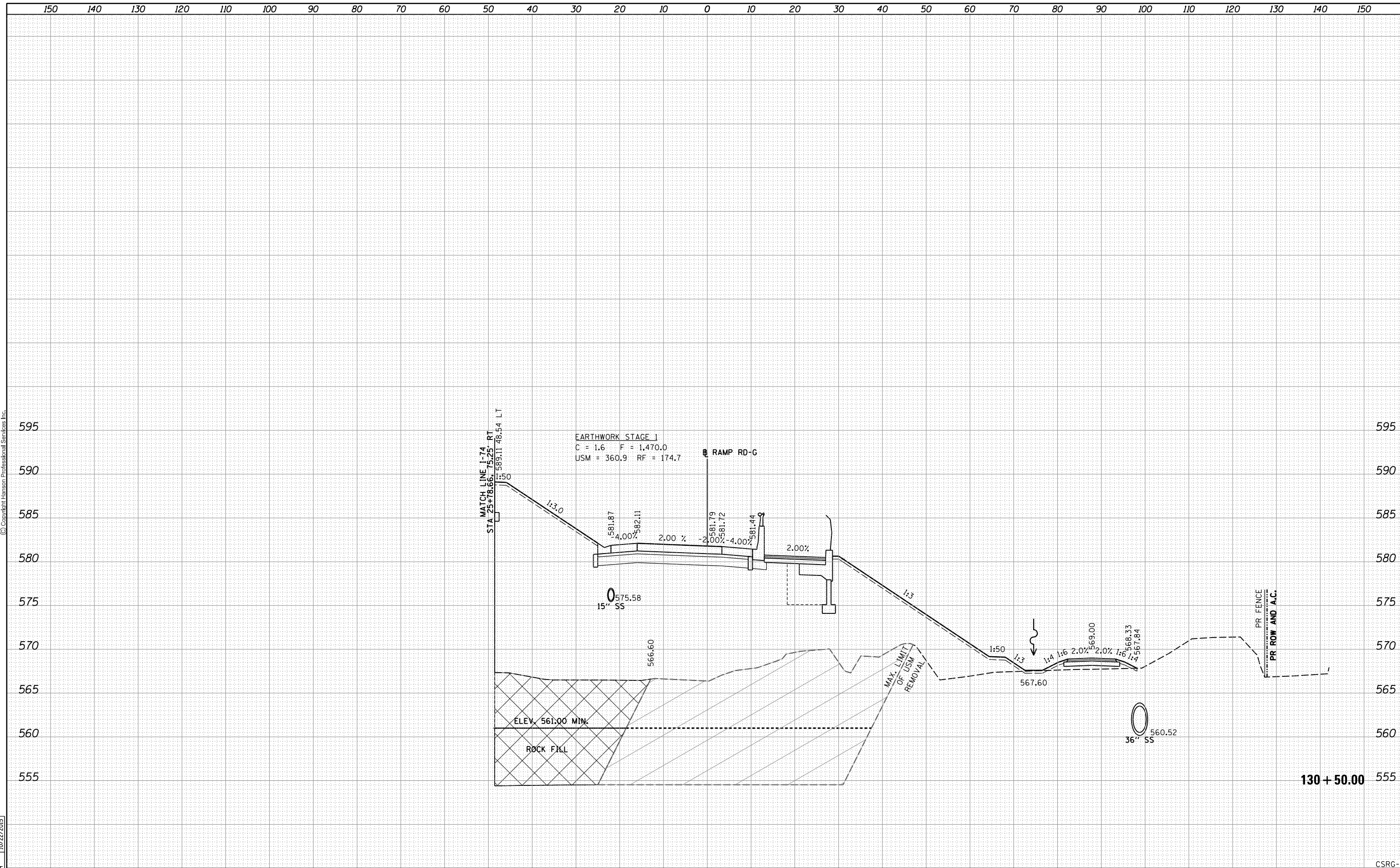
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				DRAWN -	RLT	REVISIED -			74	(81-1)R & 81-IHVBR	ROCK ISLAND	SHEETS	1504	1274	
				CHECKED -	MTH	REVISIED -						CONTRACT NO.	64C08		
				DATE -	1/20/2017	REVISIED -			SCALE:	SHEET NO. 10 OF 25 SHEETS	STA. 130+25.00 TO STA. 130+25.00	ILLINOIS FED. AID PROJECT			

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



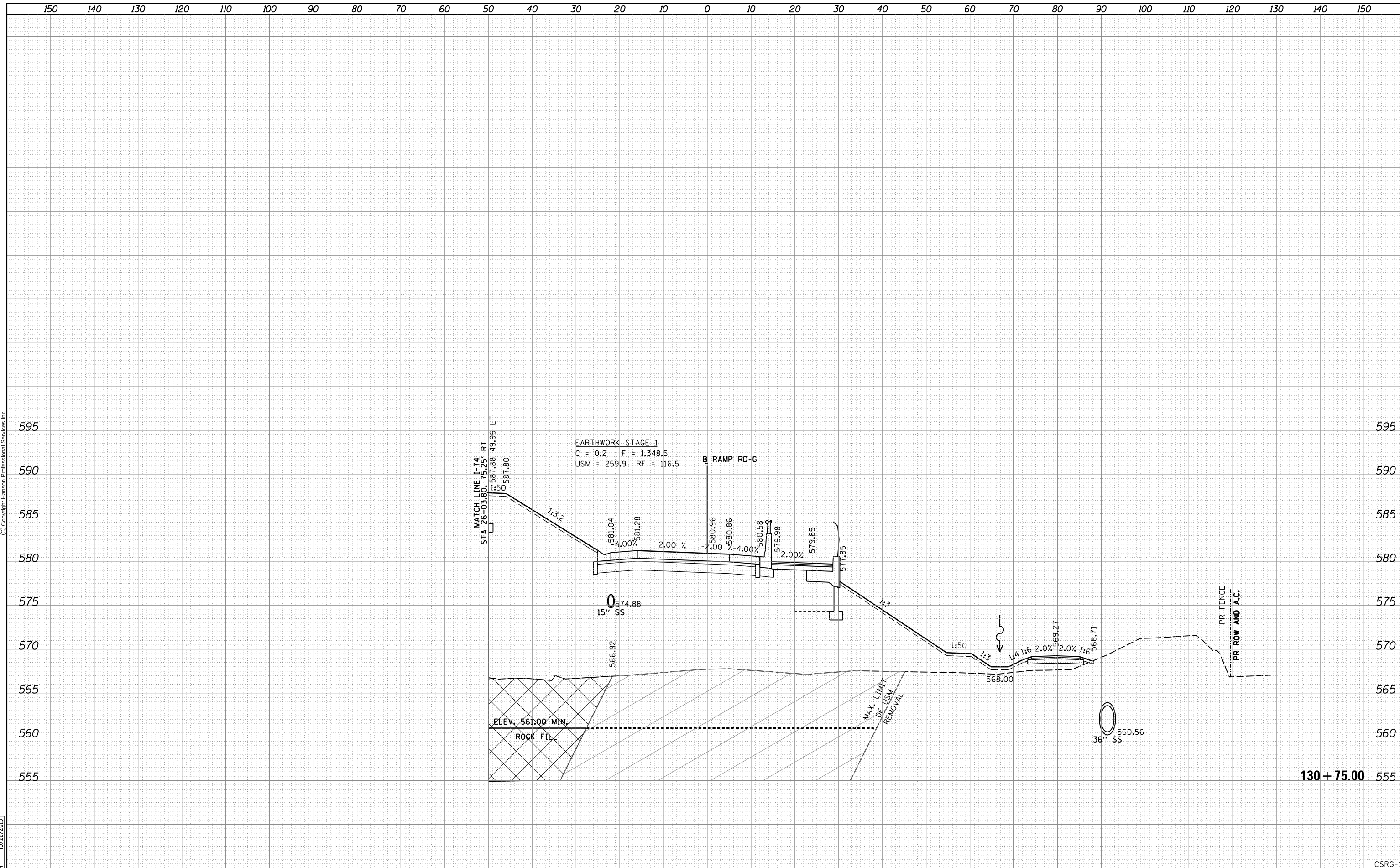
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	PLOT SCALE =	CHECKED - MTH	REVISIED -		SCALE:	SHEET NO. 11 OF 25 SHEETS	STA. 130+50.00 TO STA. 130+50.00	CONTRACT NO. 64C08		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -		CSRG-11							
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150												

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



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

LAYOUT DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



FILE NAME = D2CONAB-HPS-sh-t-xssh002M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RLT	REVISIED -		74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1276		
		CHECKED - MTH	REVISIED -		SCALE:		SHEET NO. 12 OF 25 SHEETS	STA. 130+75.00	TO STA. 130+75.00	CONTRACT NO. 64C08	ILLINOIS FED. AID PROJECT
		PLOT DATE = 1/19/2017	REVISIED -								

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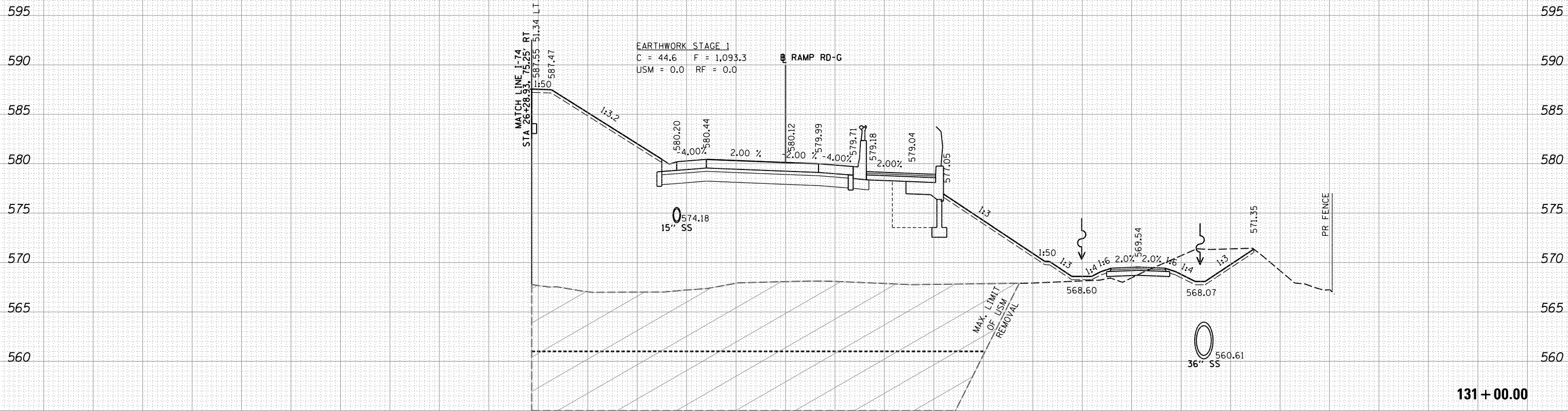
FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



FILE NAME = D2CONAB-HPS-sh-t-xssh002M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CROSS SECTIONS RAMP RD-G</p> <p>SCALE: SHEET NO. 13 OF 25 SHEETS STA. 131+00.00 TO STA. 131+00.00</p>	F.A.I. RTE. 74	SECTION (81-1)R & 81-IHVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1277
	PLOT SCALE =	DRAWN - RLT	REVISIED -		CONTRACT NO. 64C08				
	PLOT DATE = 1/19/2017	CHECKED - MTH	REVISIED -		ILLINOIS FED. AID PROJECT				
		DATE - 1/20/2017	REVISIED -						

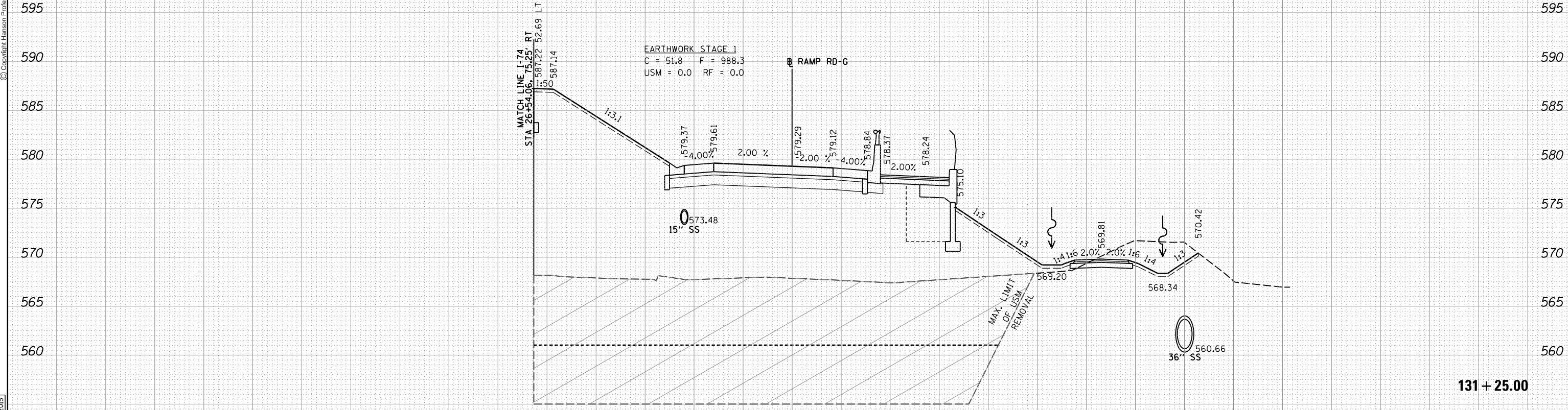
CSRG-13

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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131 + 25.00

CSRG-14

FILE NAME = D2CONAB-HPS-sh-t-xssh002M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -
		DRAWN - RLT	REVISIED -
		CHECKED - MTH	REVISIED -
		DATE - 1/19/2017	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP RD-G**

SCALE: SHEET NO. 14 OF 25 SHEETS STA. 131+25.00 TO STA. 131+25.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1278
CONTRACT NO. 64C08				

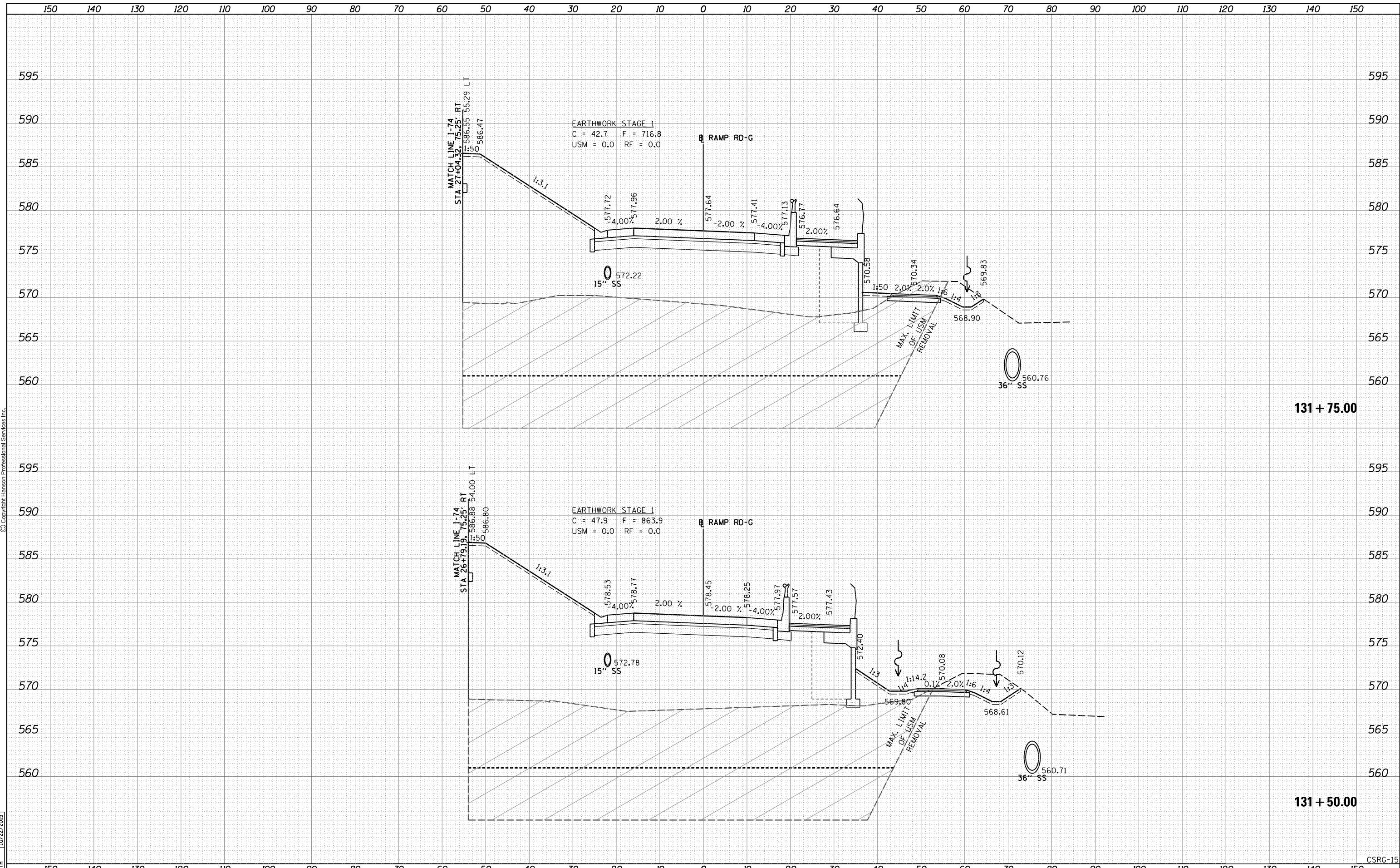
ILLINOIS FED. AID PROJECT

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



FILE NAME = D2CONAB-HPS-sh-t-xssh002M.dgn

USER NAME =	hehr@1663	DESIGNED -	RLT	REVISED -	
		DRAWN -	RLT	REVISED -	
PLOT SCALE =		CHECKED -	MTH	REVISED -	
PLOT DATE =	1/19/2017	DATE -	1/20/2017	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP RD-G**

SCALE: SHEET NO. 15 OF 25 SHEETS STA. 131+50.00 TO STA. 131+75.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1279
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

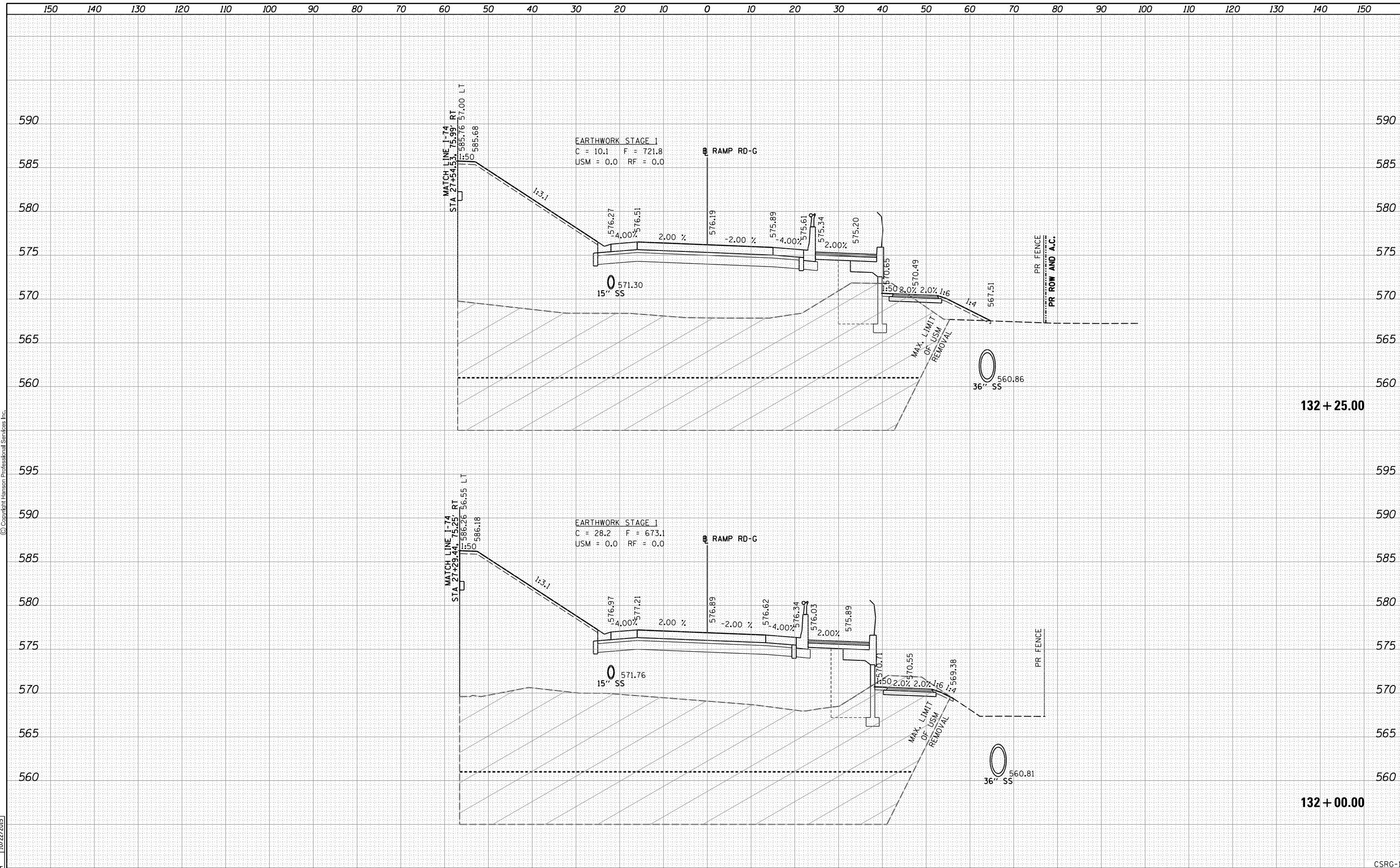
CSRG-15

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



ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



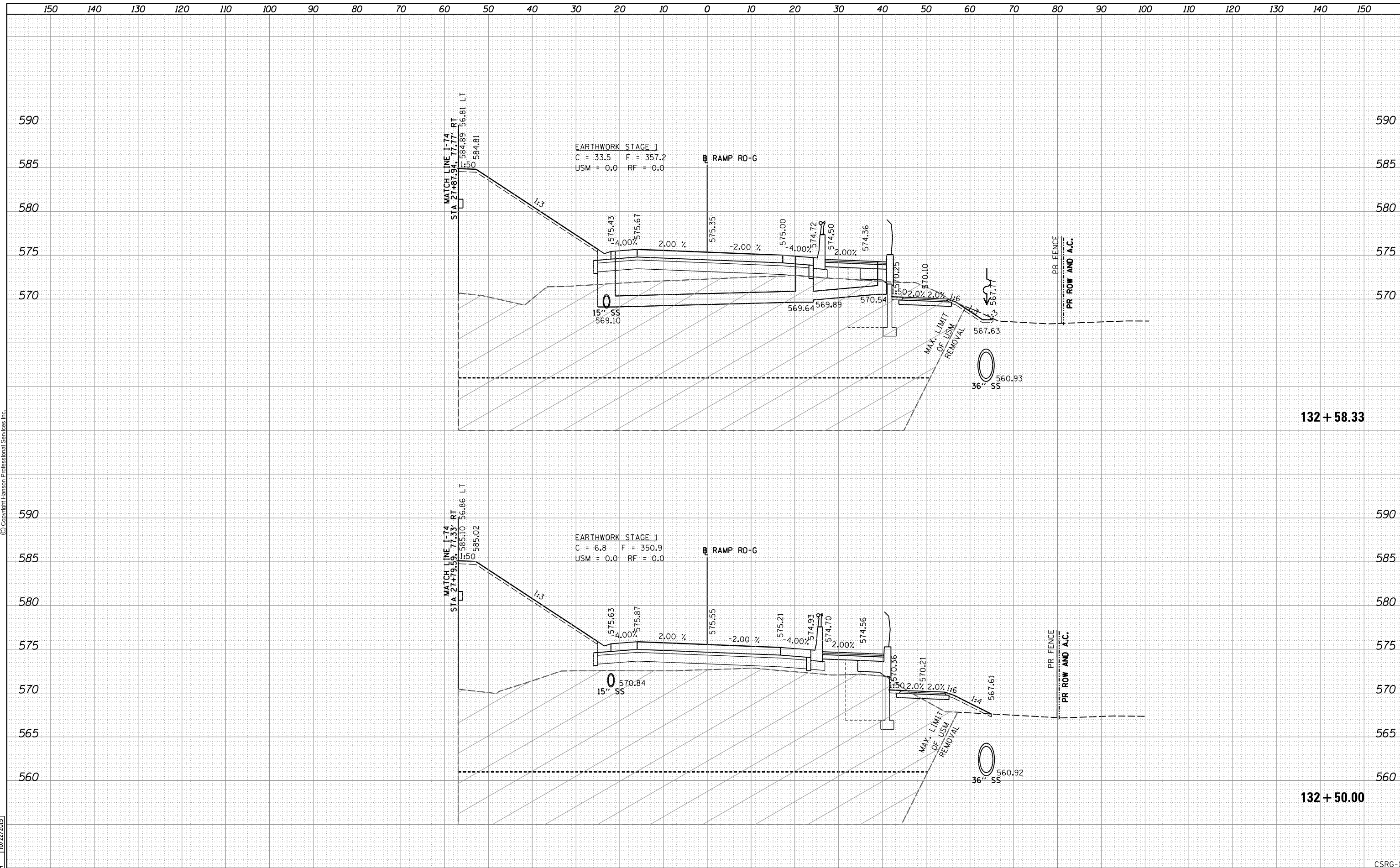
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D2CONAB-HPS-sh-t-xssh002M.dgn		DRAWN - RLT	REVISED -		RAMP RD-G			74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1280
PLOT SCALE =		CHECKED - MTH	REVISED -		SCALE:	SHEET NO. 16 OF 25 SHEETS	STA. 132+00.00 TO STA. 132+25.00	CONTRACT NO. 64C08				
PLOT DATE = 1/19/2017		DATE - 1/20/2017	REVISED -		ILLINOIS FED. AID PROJECT							

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



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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NOTE BOOK	
NO.	

DATE	11/20/2014
BY	RLT
SURVEYED	
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NOTE BOOK	
NO.	



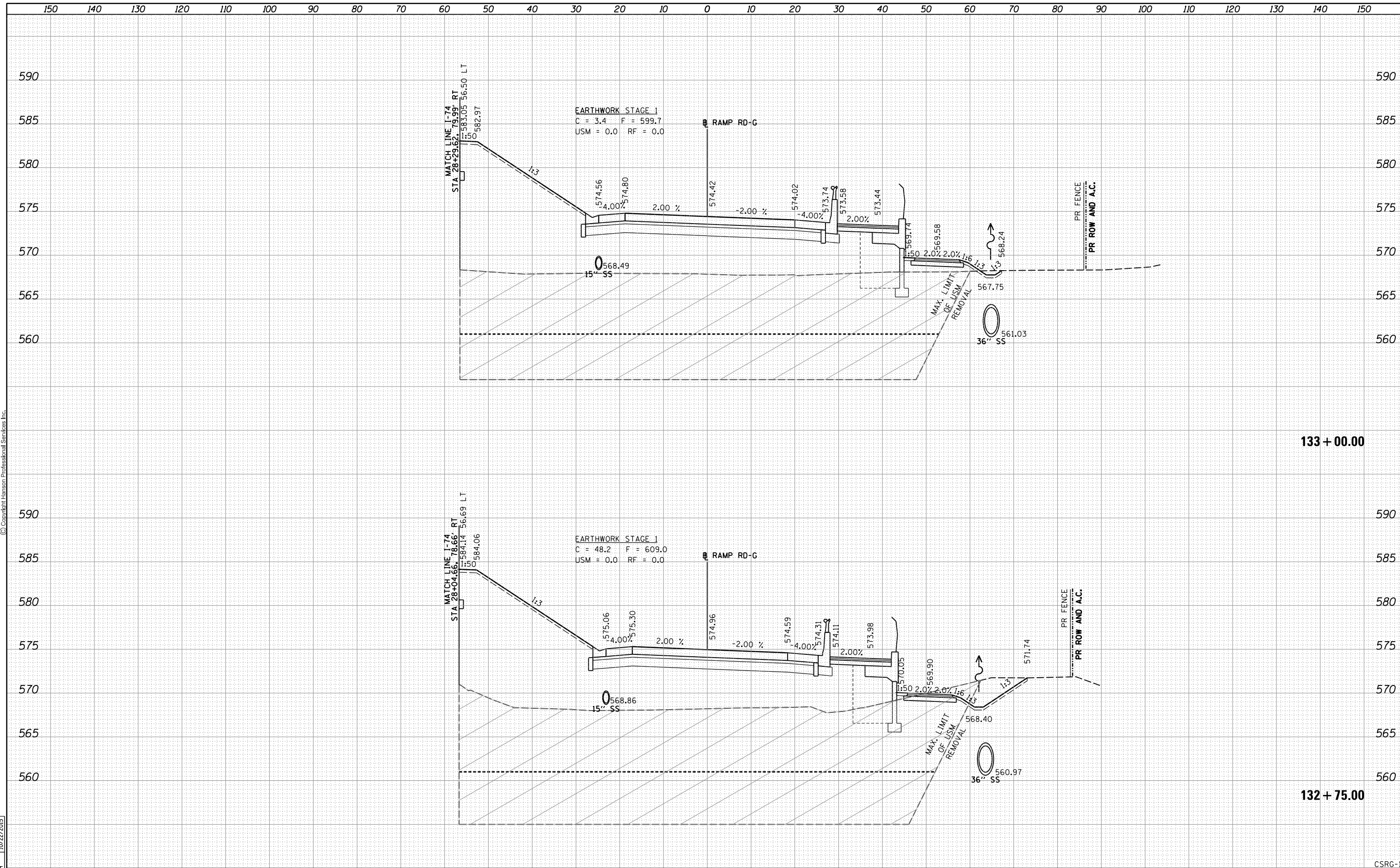
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		DRAWN - RLT	REVISIED -			74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1281			
		CHECKED - MTH	REVISIED -			CONTRACT NO. 64C08							
		DATE - 1/19/2017	REVISIED -			ILLINOIS FED. AID PROJECT							

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



ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



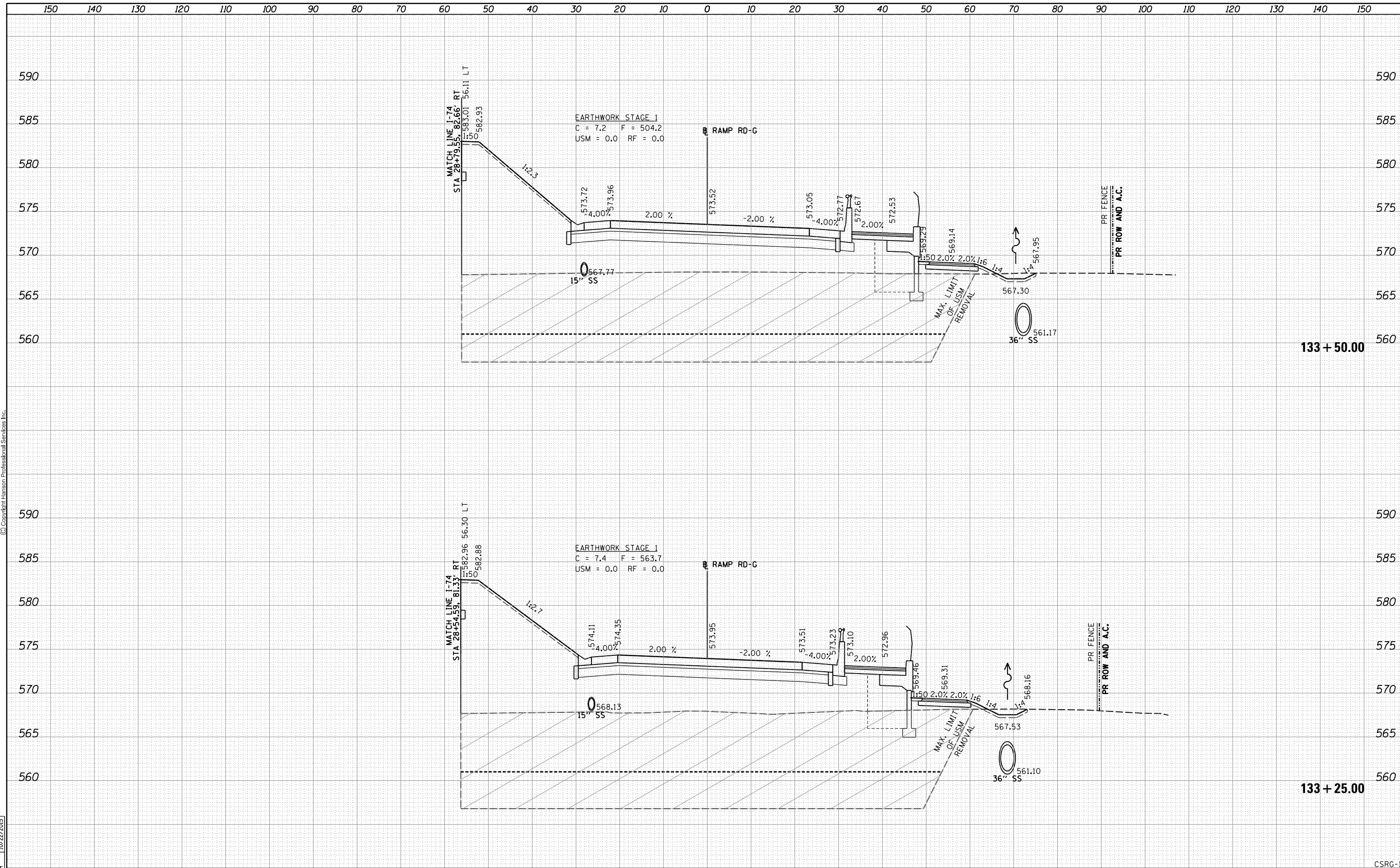
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D2CONAB-HPS-sh-t-xssh002M.dgn		DRAWN - RLT	REVISED -		74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1282				
PLOT SCALE =		CHECKED - MTH	REVISED -		CONTRACT NO. 64C08								
PLOT DATE = 1/19/2017		DATE - 1/20/2017	REVISED -		ILLINOIS FED. AID PROJECT								
SCALE:					SHEET NO. 18 OF 25 SHEETS		STA. 132+75.00 TO STA. 133+00.00						

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
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ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



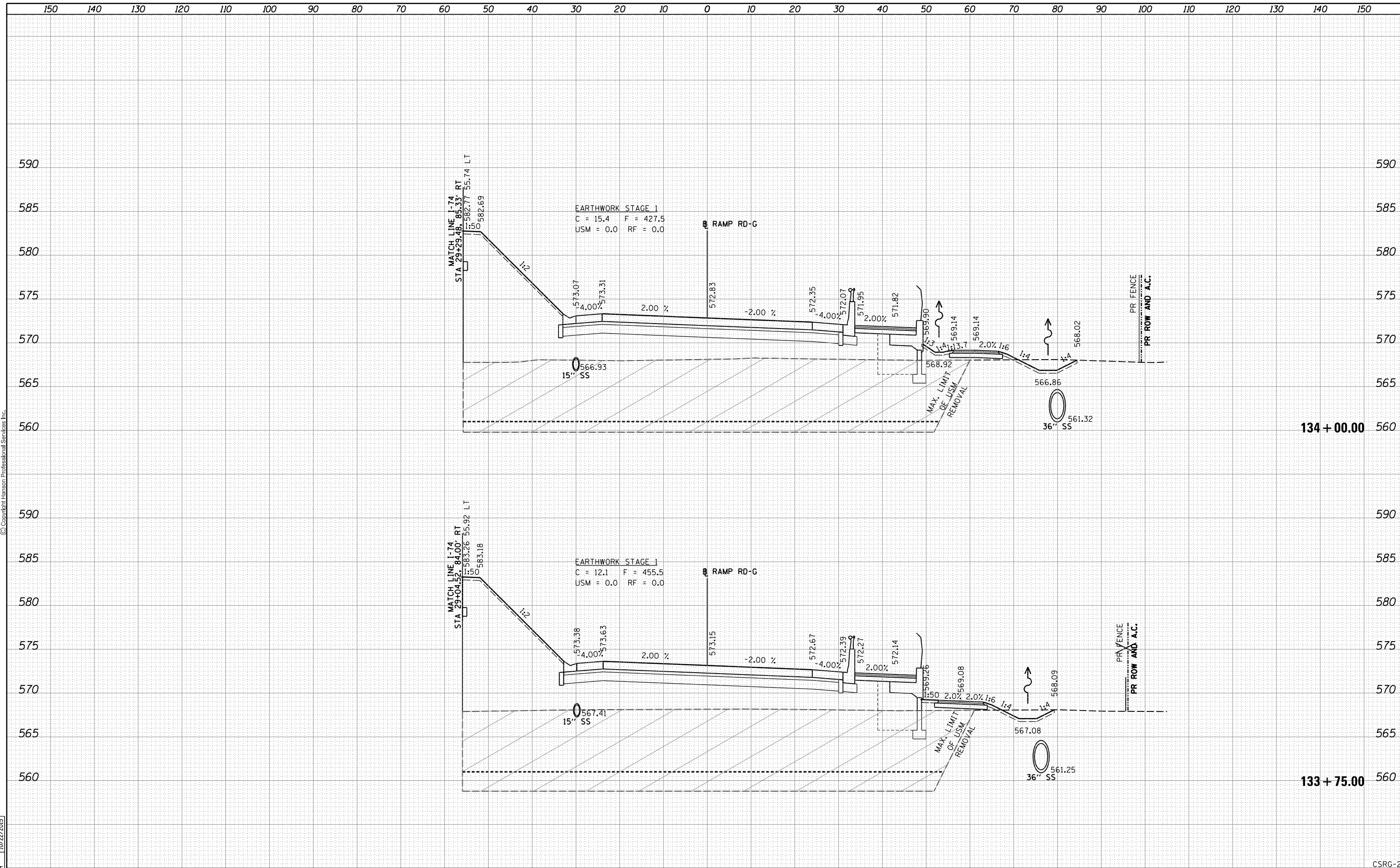
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	PLOT SCALE =	DRAWN - RLT	REVISIED -		74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1283	CONTRACT NO. 64C08		
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		DATE - 1/20/2017	REVISIED -		CSRG-19							

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



ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



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PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP RD-G**

SCALE: SHEET NO. 20 OF 25 SHEETS STA. 133+75.00 TO STA. 134+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVR	ROCK ISLAND	1504	1284
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

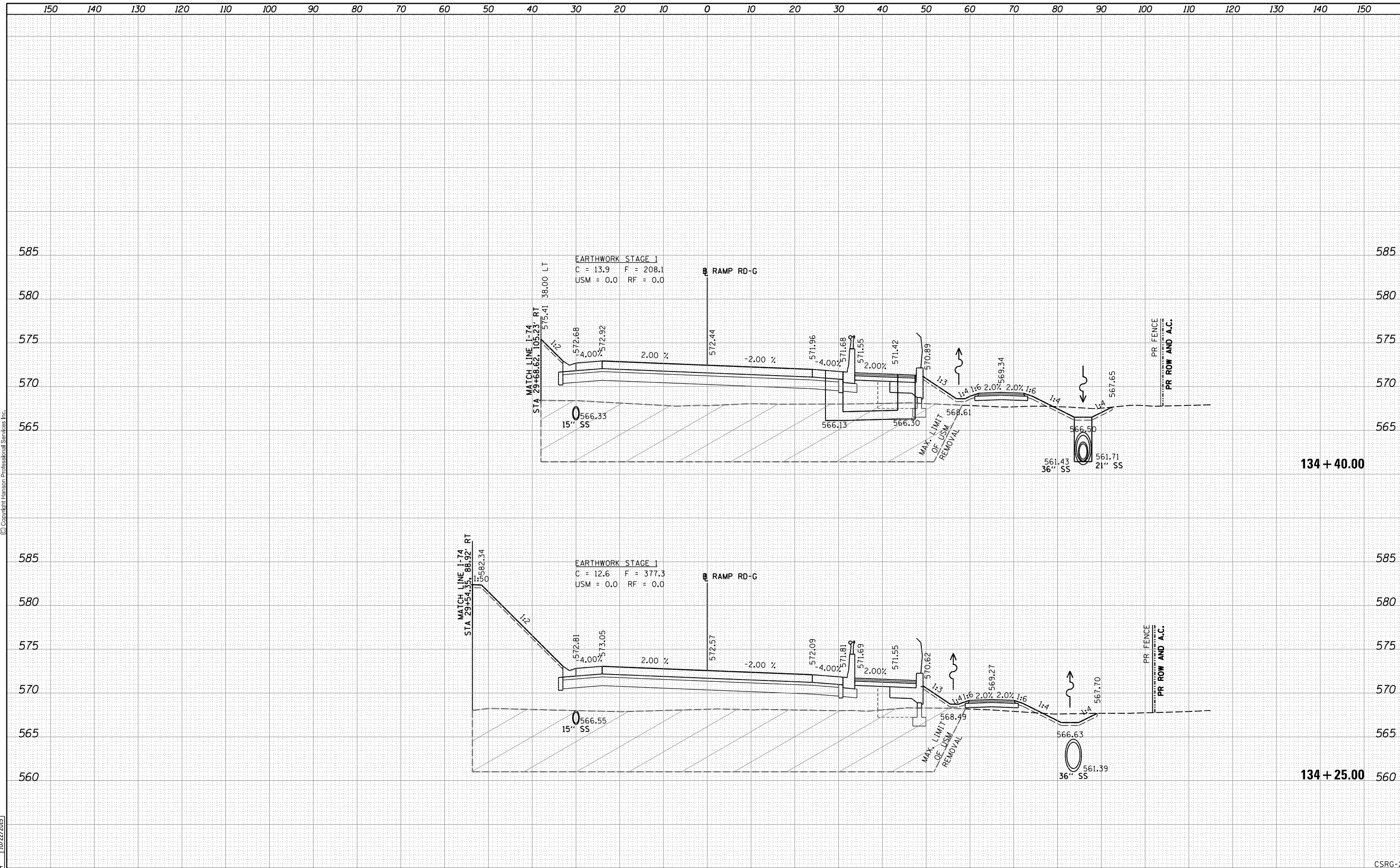
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FINAL SURVEY	SURVEYED	DATE
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NO.	TEMPLATE	
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	AREAS CHECKED	



ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



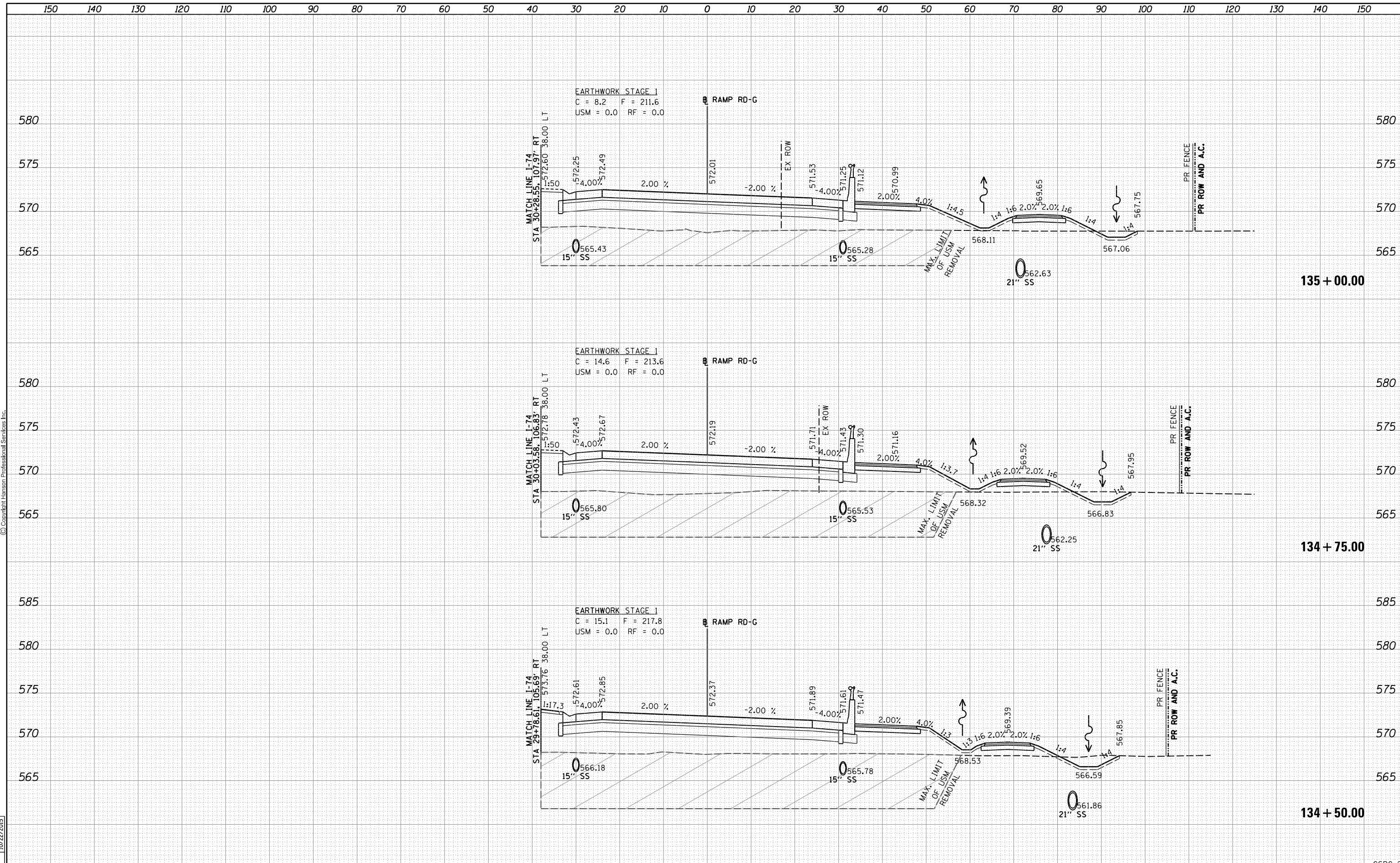
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	PLOT SCALE =	CHECKED - MTH	REVISIED -		SCALE:	SHEET NO. 21 OF 25 SHEETS	STA. 134+25.00 TO STA. 134+40.00	CONTRACT NO. 64C08		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										
CSRG-21													

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

DATE	11/20/2014
BY	RLT
SURVEYED	
PLOTTED	
TEMPLATE	
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NOTE BOOK	
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BY	RLT
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DATE	10/22/2015
BY	MTH
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NOTE BOOK	
NO.	



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	PLOT SCALE =	DRAWN - RLT	REVISIED -			F.A.I. RTE. 74	SECTION (81-1)R & 81-1HVR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1286
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		DATE - 1/19/2017	REVISIED -			ILLINOIS FED. AID PROJECT				

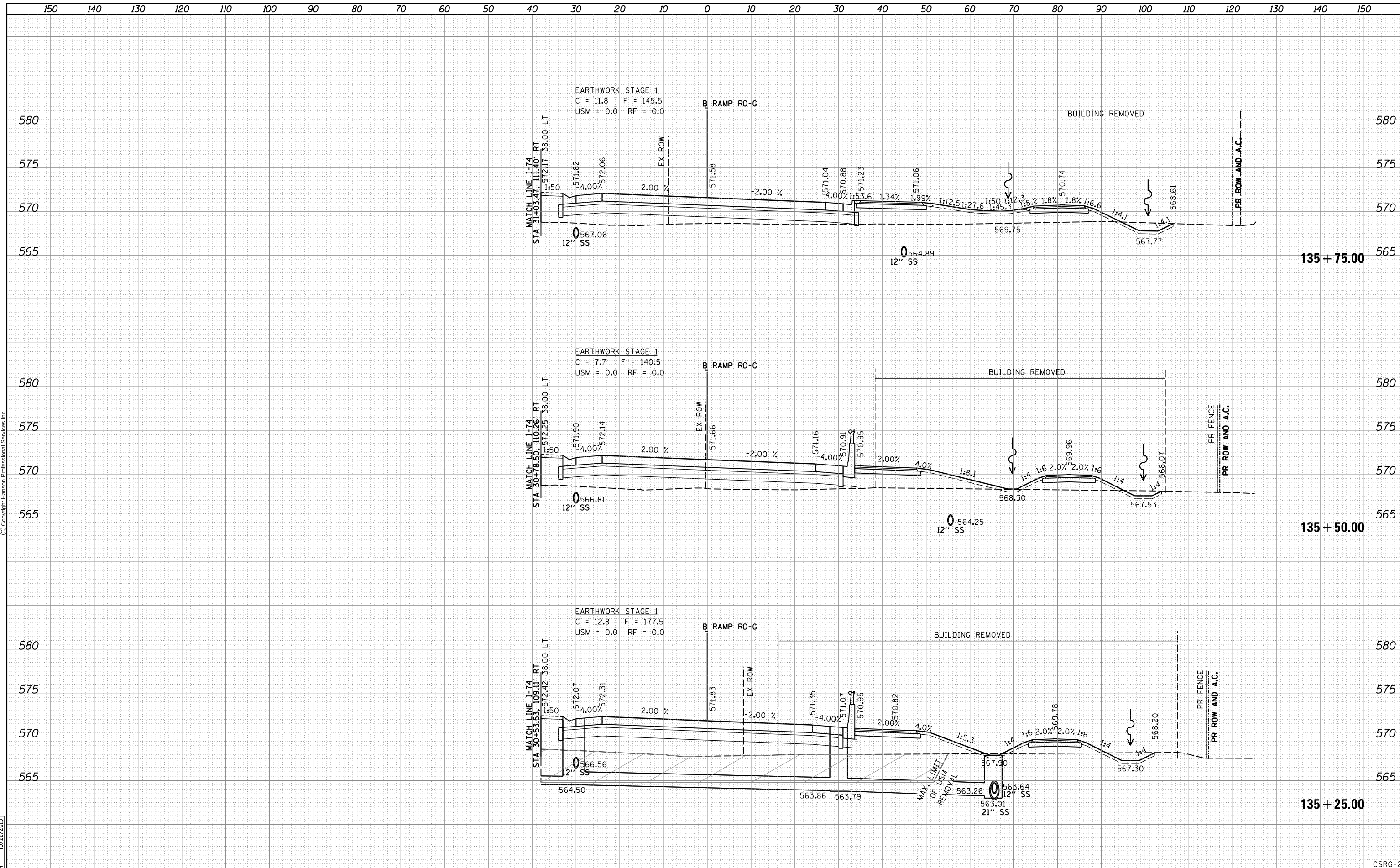
CSRG-22

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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DATE	11/20/2014
BY	RLT
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NOTE BOOK	PLOTTED
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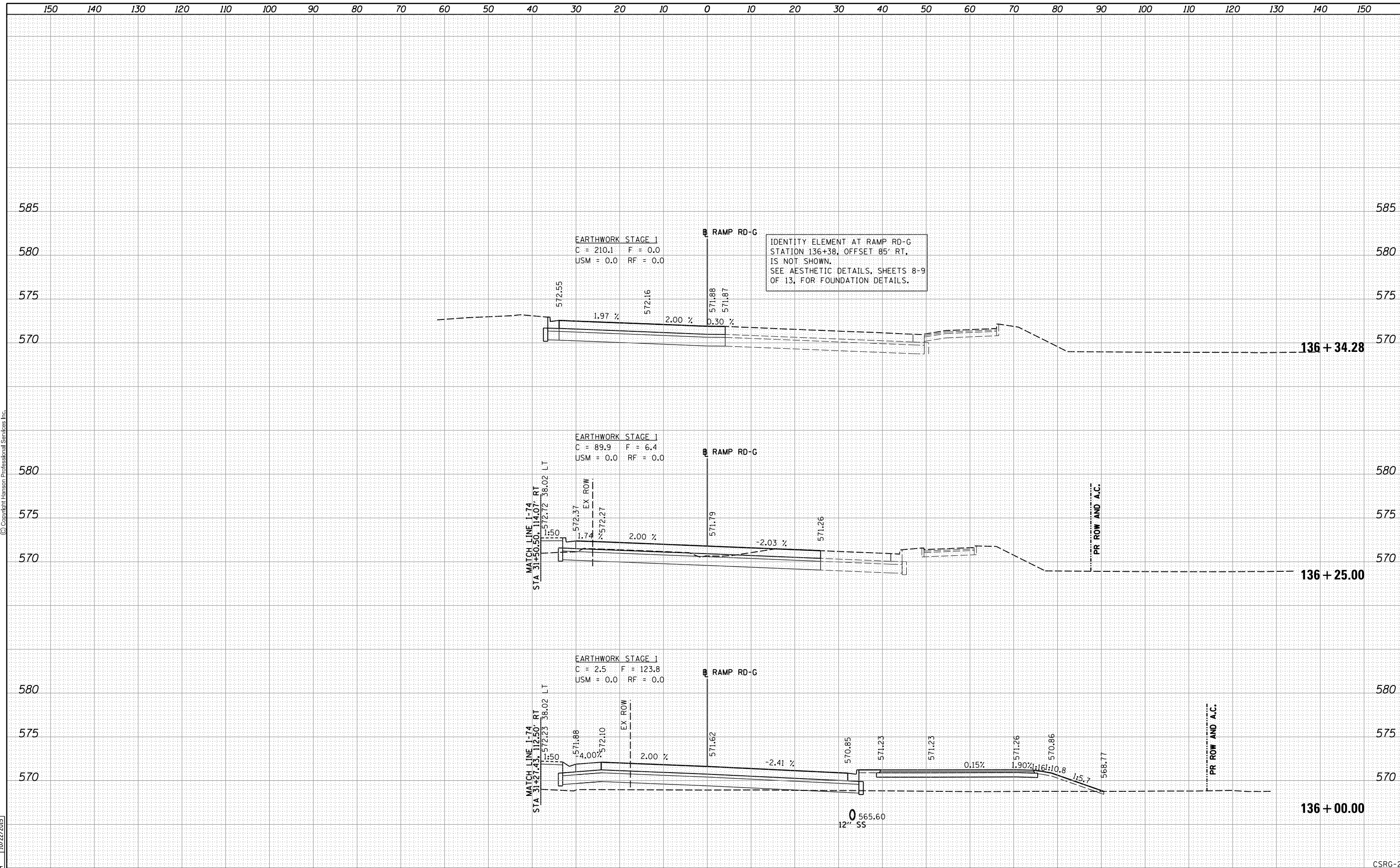
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D2CONAB-HPS-sh-t-xssh002M.dgn		DRAWN - RLT	REVISIED -		RAMP RD-G			74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1287
PLOT SCALE =		CHECKED - MTH	REVISIED -		SCALE:	SHEET NO. 23 OF 25 SHEETS	STA. 135+25.00 TO STA. 135+75.00	CONTRACT NO. 64C08				
PLOT DATE = 1/19/2017		DATE - 1/20/2017	REVISIED -		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		
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LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



FILE NAME = D2CONAB-HPS-sh-t-xssh002M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP RD-G			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RLT	REVISIED -		74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1288			
PLOT SCALE =		CHECKED - MTH	REVISIED -		SCALE:			SHEET NO. 24 OF 25 SHEETS		CONTRACT NO. 64C08		
PLOT DATE = 1/19/2017		DATE - 1/20/2017	REVISIED -		STA. 136+00.00 TO STA. 136+34.28			ILLINOIS FED. AID PROJECT				

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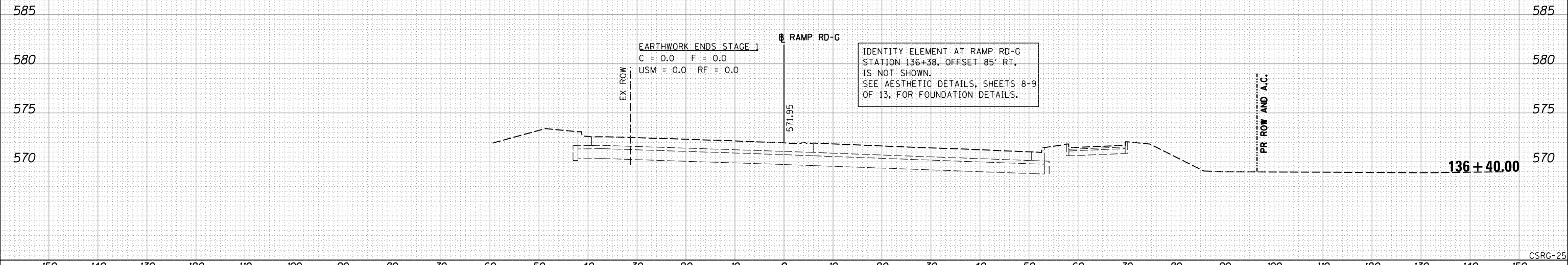
FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

LAYOUT DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



FILE NAME = D2CONAB-HPS-sh-t-xssh002M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP RD-G				F.A.I. RTE. 74	SECTION (81-1)R & 81-IHVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1289
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	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										

CSRG-25

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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



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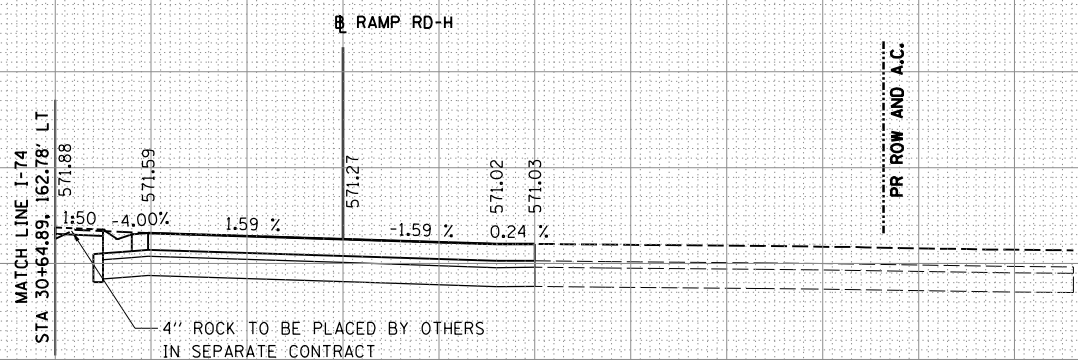
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LAYOUT DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015

590
585
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570

590
585
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575
570

EARTHWORK BEGINS STAGE 1
C = 102.6 F = 0.1
USM = 0.0 RF = 0.0 RFS = 0.0



210 + 75.48

CSRH-01

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				CHECKED -	MTH	REVISIED -	
				DATE -	1/20/2017	REVISIED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP RD-H

SCALE: SHEET NO. 1 OF 29 SHEETS STA. 210+75.48 TO STA. 210+75.48

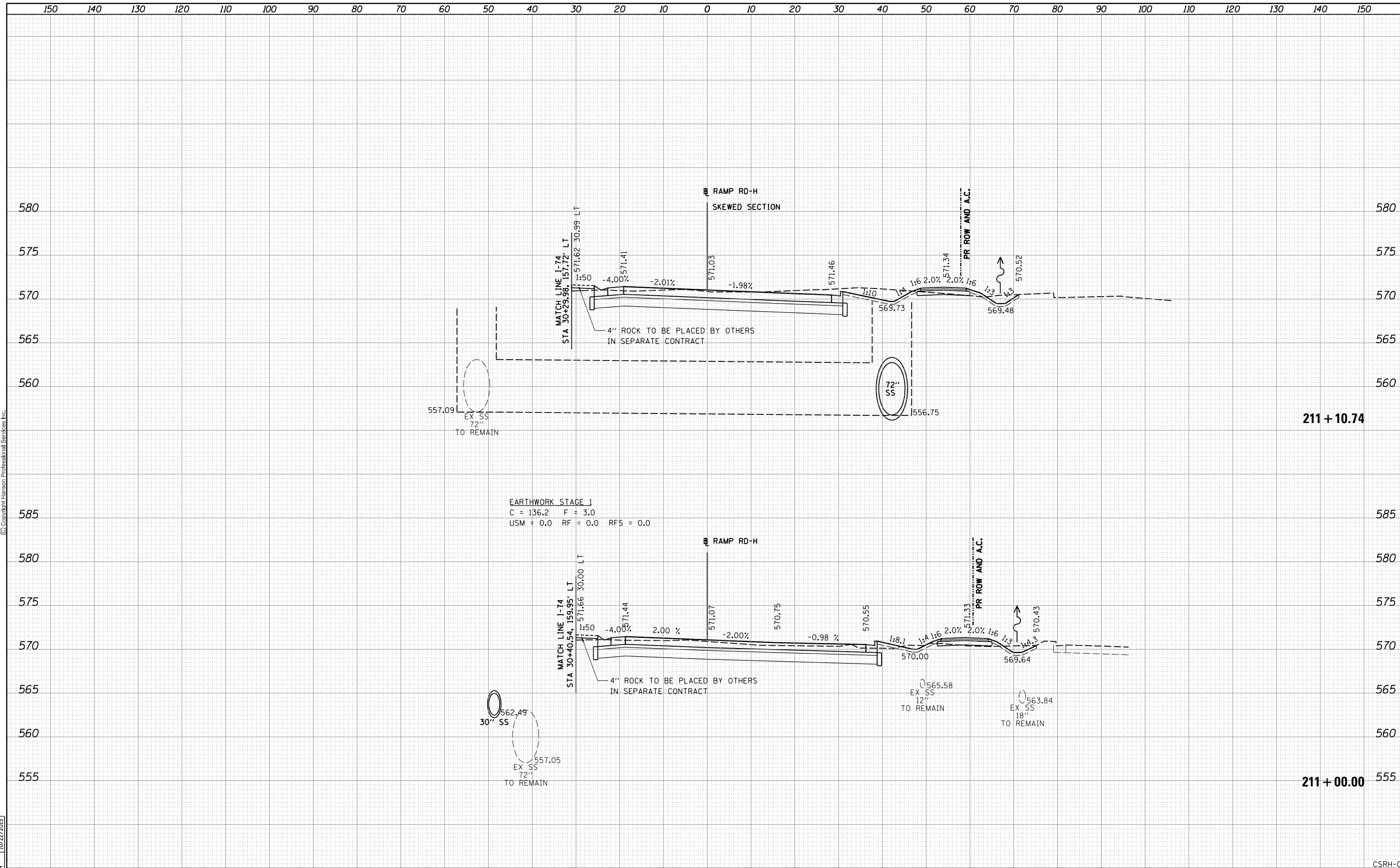
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1290
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



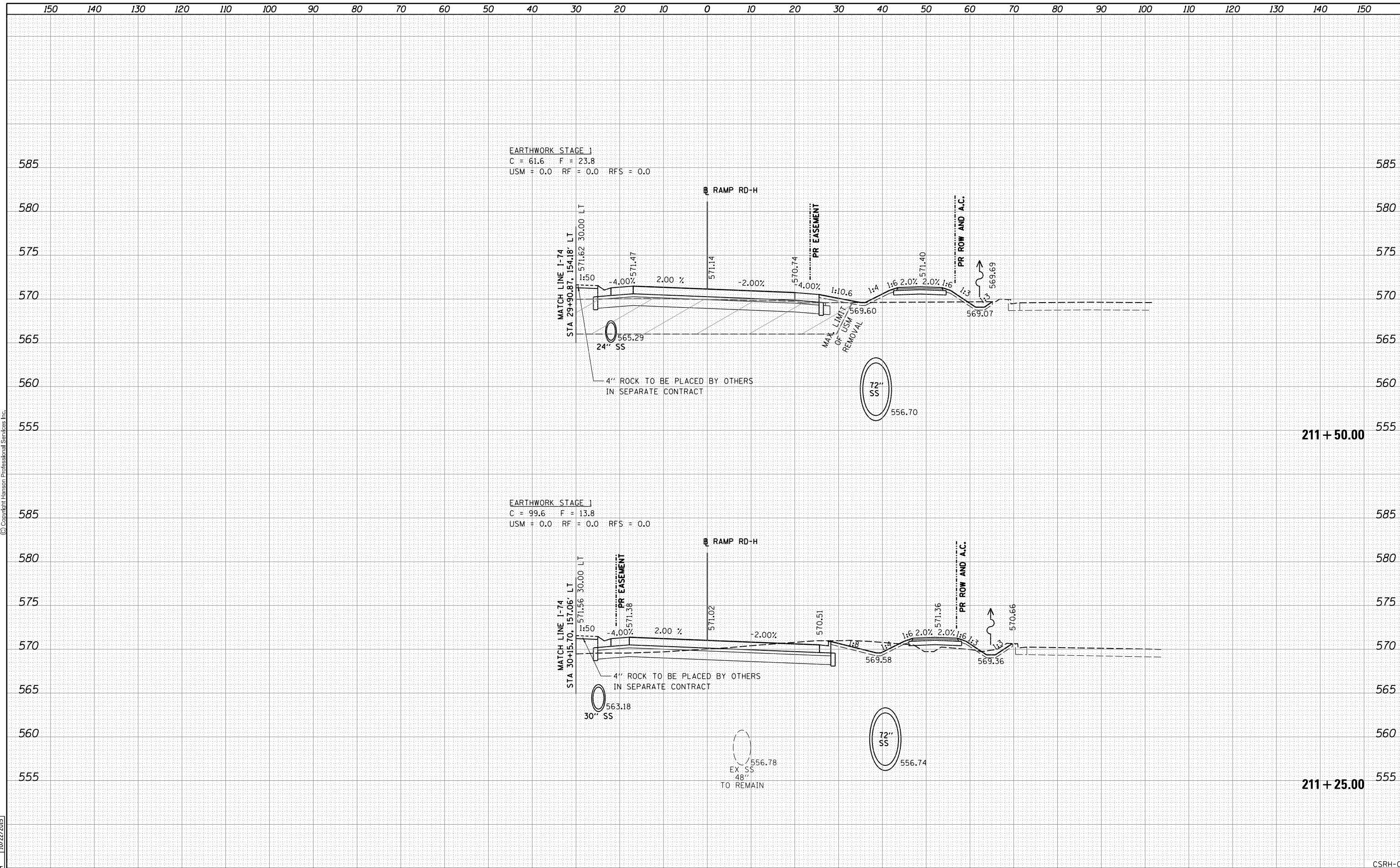
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		DRAWN - RLT	REVISIED -		74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1291				
PLOT SCALE =		CHECKED - MTH	REVISIED -		CONTRACT NO. 64C08								
PLOT DATE = 1/19/2017		DATE - 1/20/2017	REVISIED -		SCALE:	SHEET NO. 2 OF 29 SHEETS	STA. 211+00.00	TO STA. 211+10.74	ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	11/20/2014
BY	RLT
DATE	11/20/2014
BY	RLT
DATE	10/22/2015
BY	MTH



FILE NAME = D2CONAB-HPS-sh-t-xssh003M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP RD-H				F.A.I. RTE. 74	SECTION (81-1)R & 81-IHVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1292
PLOT SCALE =	CHECKED - MTH	REVISIED -	SCALE:		SHEET NO. 3 OF 29 SHEETS	STA. 211+25.00	TO STA. 211+50.00	CONTRACT NO. 64C08		ILLINOIS FED. AID PROJECT			
PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -											

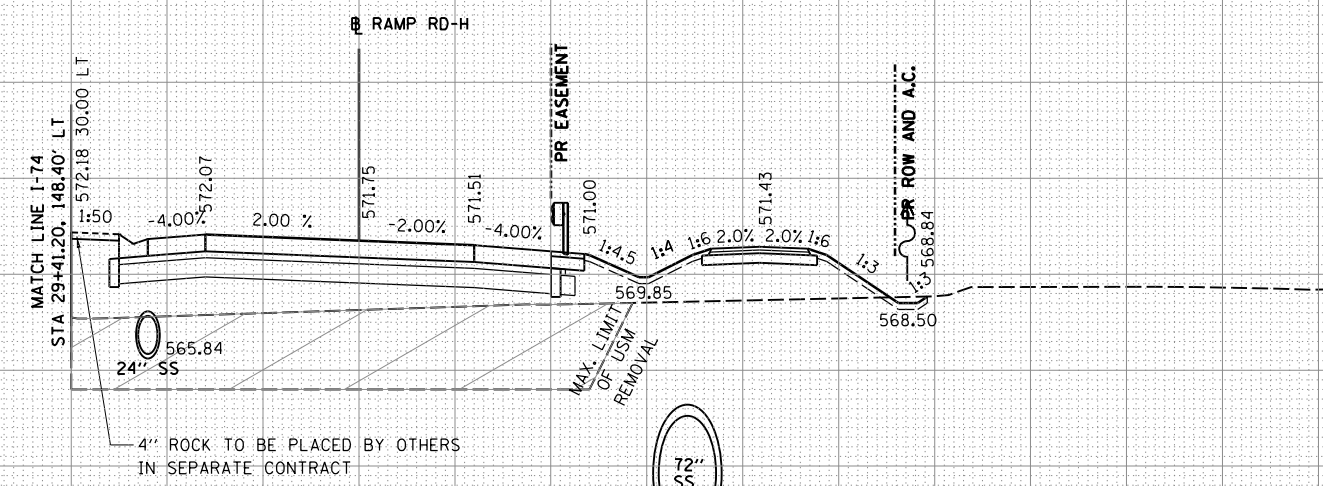
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	



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

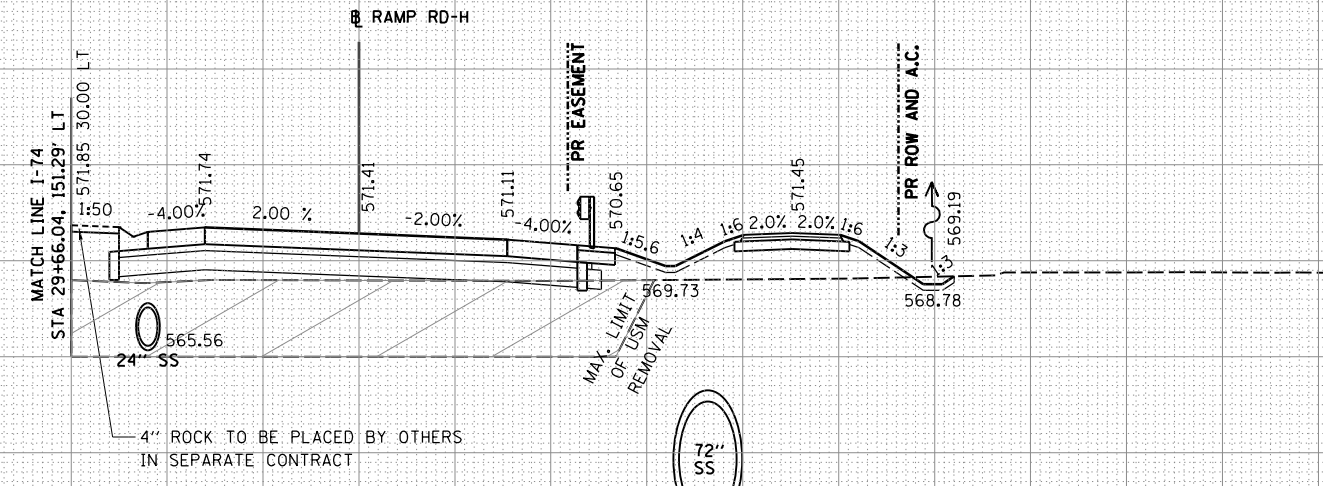
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BY	RLT
SURVEYED	
PLOTTED	
AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	
DATE	11/20/2014
BY	RLT
SURVEYED	
PLOTTED	
AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	
DATE	10/22/2015
BY	MTH
SURVEYED	
PLOTTED	
AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	

EARTHWORK STAGE 1
 C = 2.4 F = 136.7
 USM = 0.0 RF = 0.0 RFS = 0.0



212 + 00.00

EARTHWORK STAGE 1
 C = 5.6 F = 59.7
 USM = 0.0 RF = 0.0 RFS = 0.0



211 + 75.00

FILE NAME =	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP RD-H	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D2CONAB-HPS-sh-t-xssh003M.dgn		DRAWN - RLT	REVISIED -			74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1293
PLOT SCALE =		CHECKED - MTH	REVISIED -			CONTRACT NO. 64C08				
PLOT DATE = 1/19/2017		DATE - 1/20/2017	REVISIED -			ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO. 4 OF 29 SHEETS		STA. 211+75.00 TO STA. 212+00.00						

CSRH-04

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



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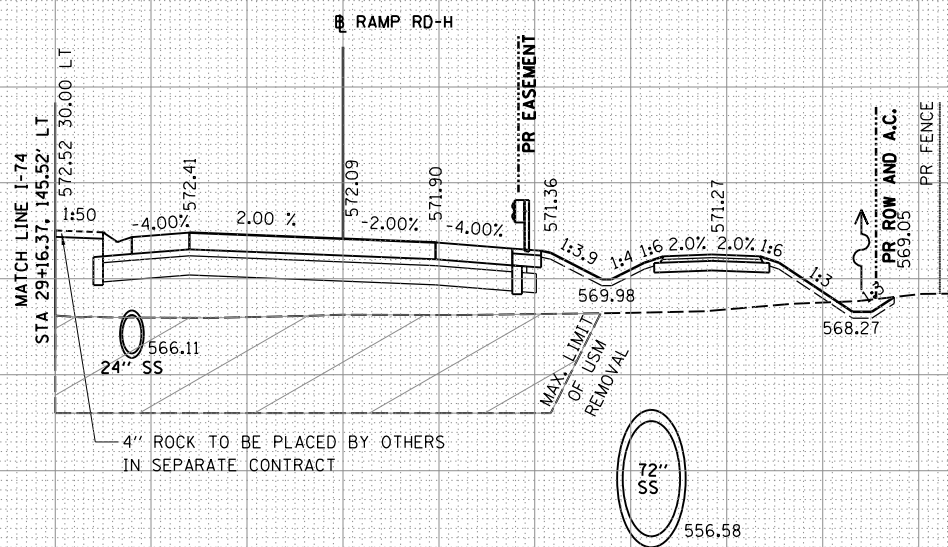
ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015

585
580
575
570
565
560
555

585
580
575
570
565
560
555

EARTHWORK STAGE 1
C = 4.5 F = 156.7
USM = 0.0 RF = 0.0 RFS = 0.0



212 + 25.00

CSRH-05

FILE NAME = D2CONAB-HPS-sh-t-xssh003M.dgn

USER NAME = hehn01663
DESIGNED - RLT
DRAWN - RLT
CHECKED - MTH
DATE - 1/20/2017

REVISIED -
REVISIED -
REVISIED -
REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP RD-H

SCALE: SHEET NO. 5 OF 29 SHEETS STA. 212+25.00 TO STA. 212+25.00

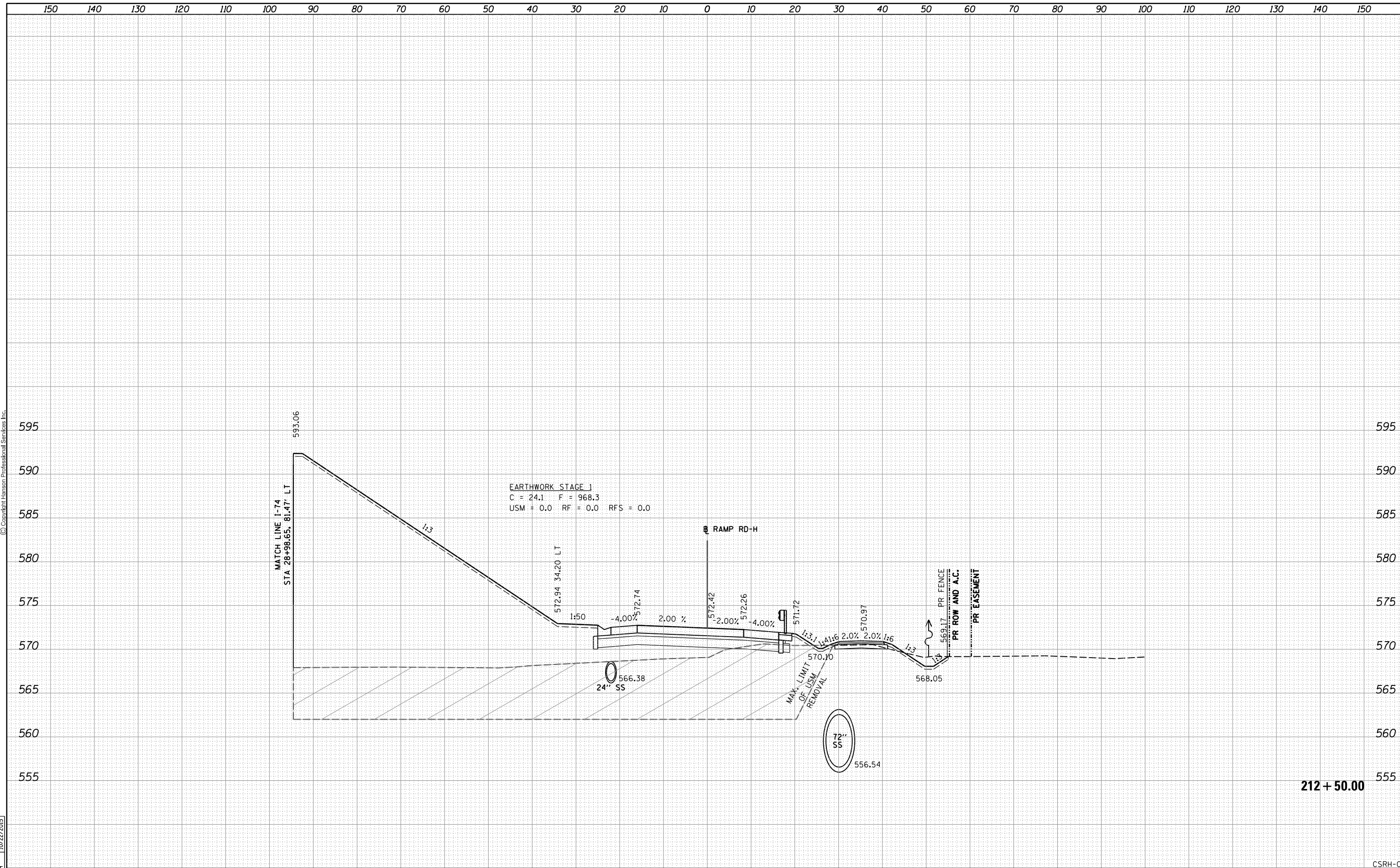
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1294
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



212 + 50.00

FILE NAME = D2CONAB-HPS-sh-t-xssh003M.dgn	USER NAME = hehn01663	DESIGNED - RLT	REVISIED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	CROSS SECTIONS RAMP RD-H		F.A.I. RTE. 74	SECTION (81-1)R & 81-IHVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1295
	PLOT SCALE =	CHECKED - MTH	REVISIED -		SCALE:	SHEET NO. 6 OF 29 SHEETS	STA. 212+50.00 TO STA. 212+50.00	CONTRACT NO. 64C08		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -								

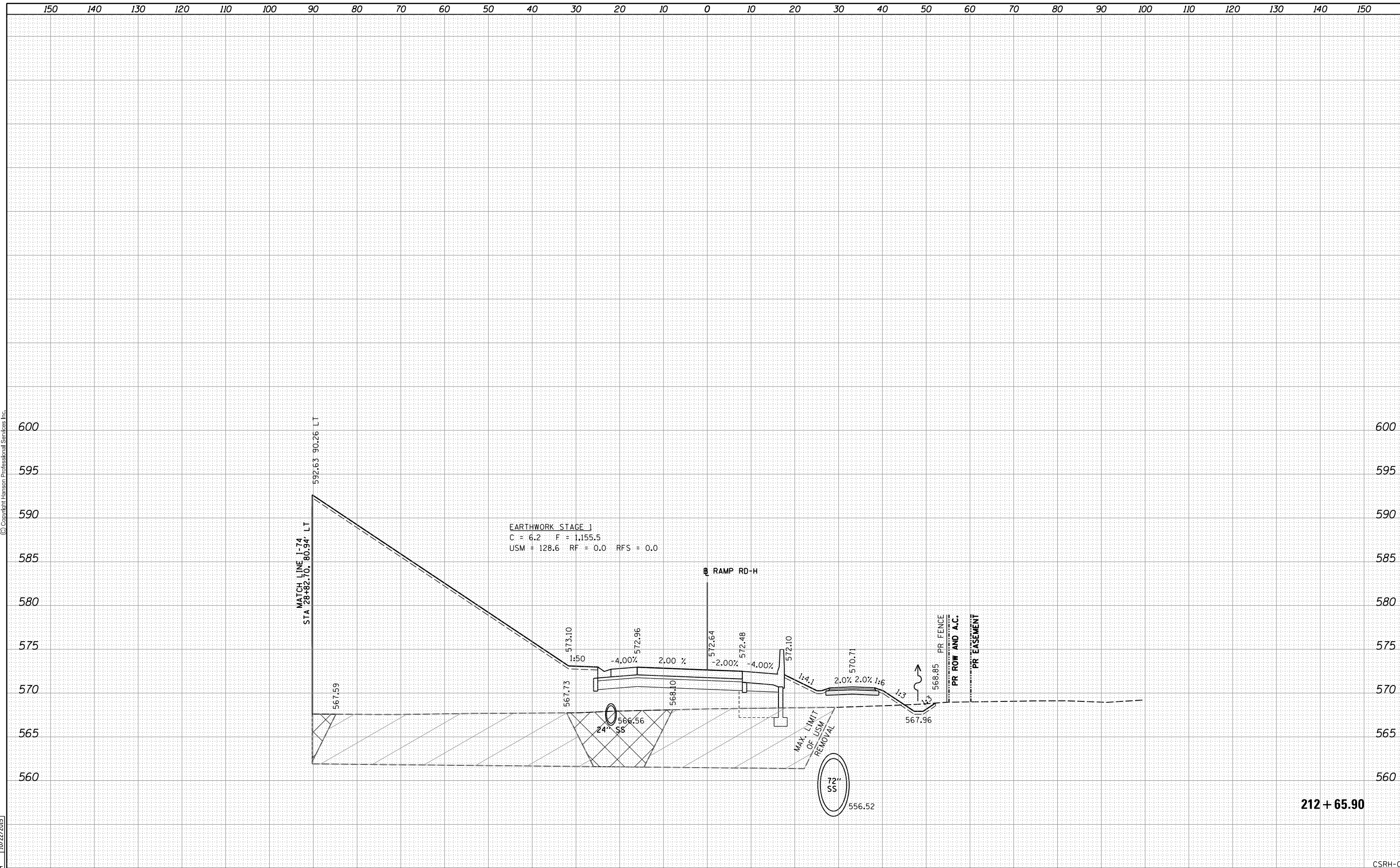
CSRH-06

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



FILE NAME = D2CONAB-HPS-sh-t-xssh003M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS RAMP RD-H				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RLT	REVISIED -		74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1296				
PLOT SCALE =		CHECKED - MTH	REVISIED -		CONTRACT NO. 64C08								
PLOT DATE = 1/19/2017		DATE - 1/20/2017	REVISIED -		ILLINOIS FED. AID PROJECT								

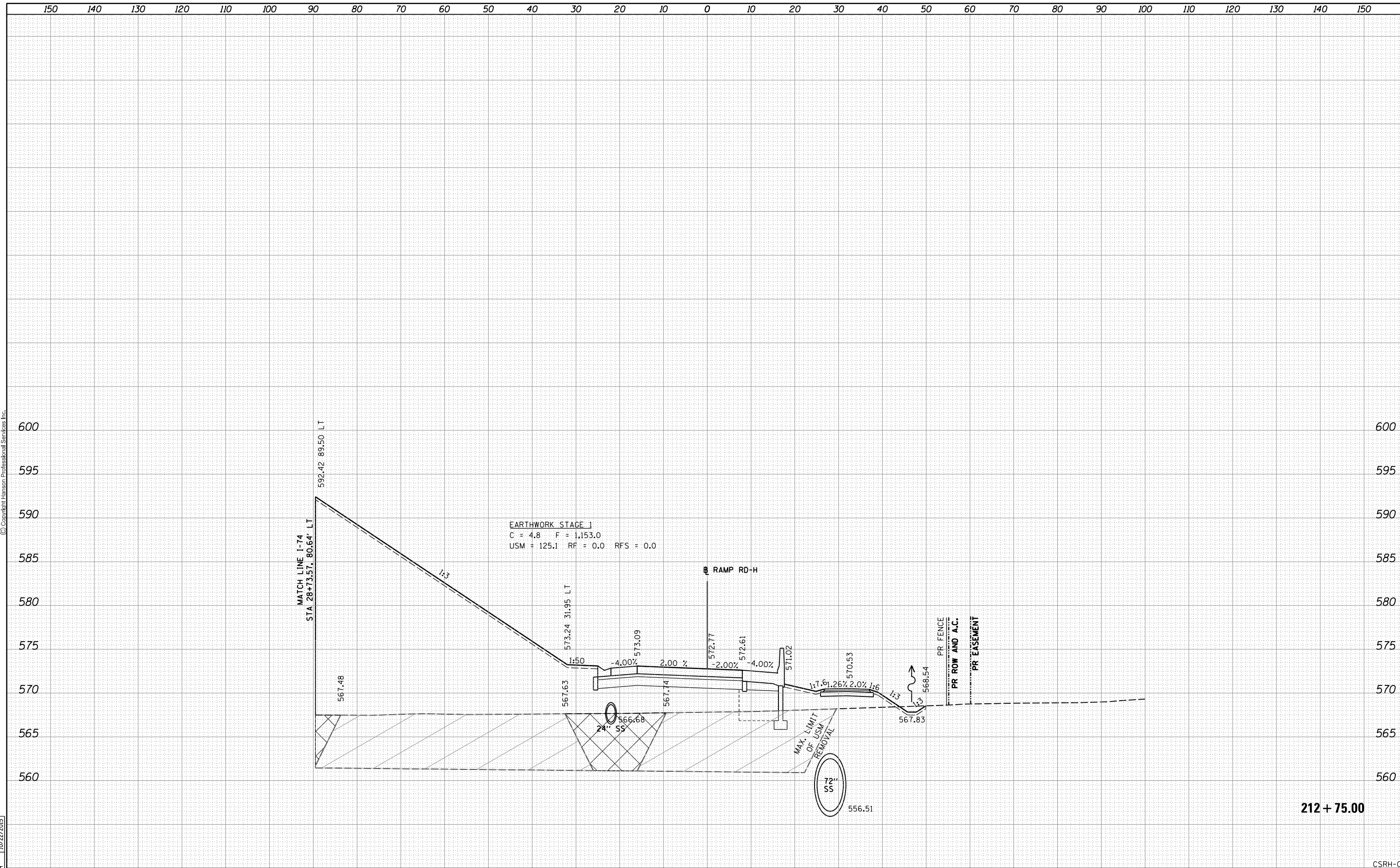
CSRH-07

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



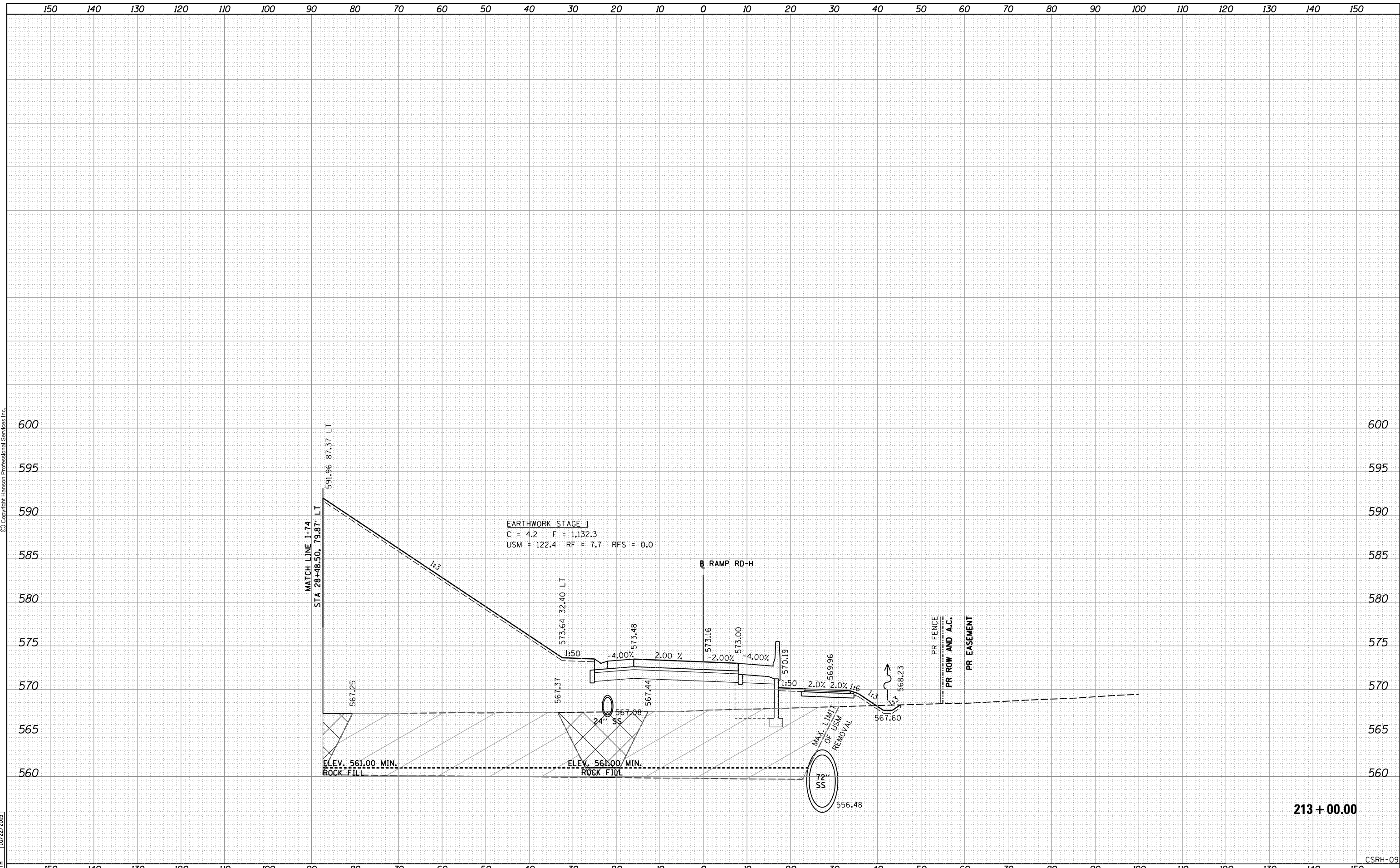
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		DRAWN - RLT	REVISIED -		RAMP RD-H		74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	1297
		CHECKED - MTH	REVISIED -		SCALE:	SHEET NO. 8 OF 29 SHEETS	STA. 212+75.00	TO STA. 212+75.00	CONTRACT NO. 64C08		
		PLOT DATE = 1/19/2017	REVISIED -		ILLINOIS FED. AID PROJECT						

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



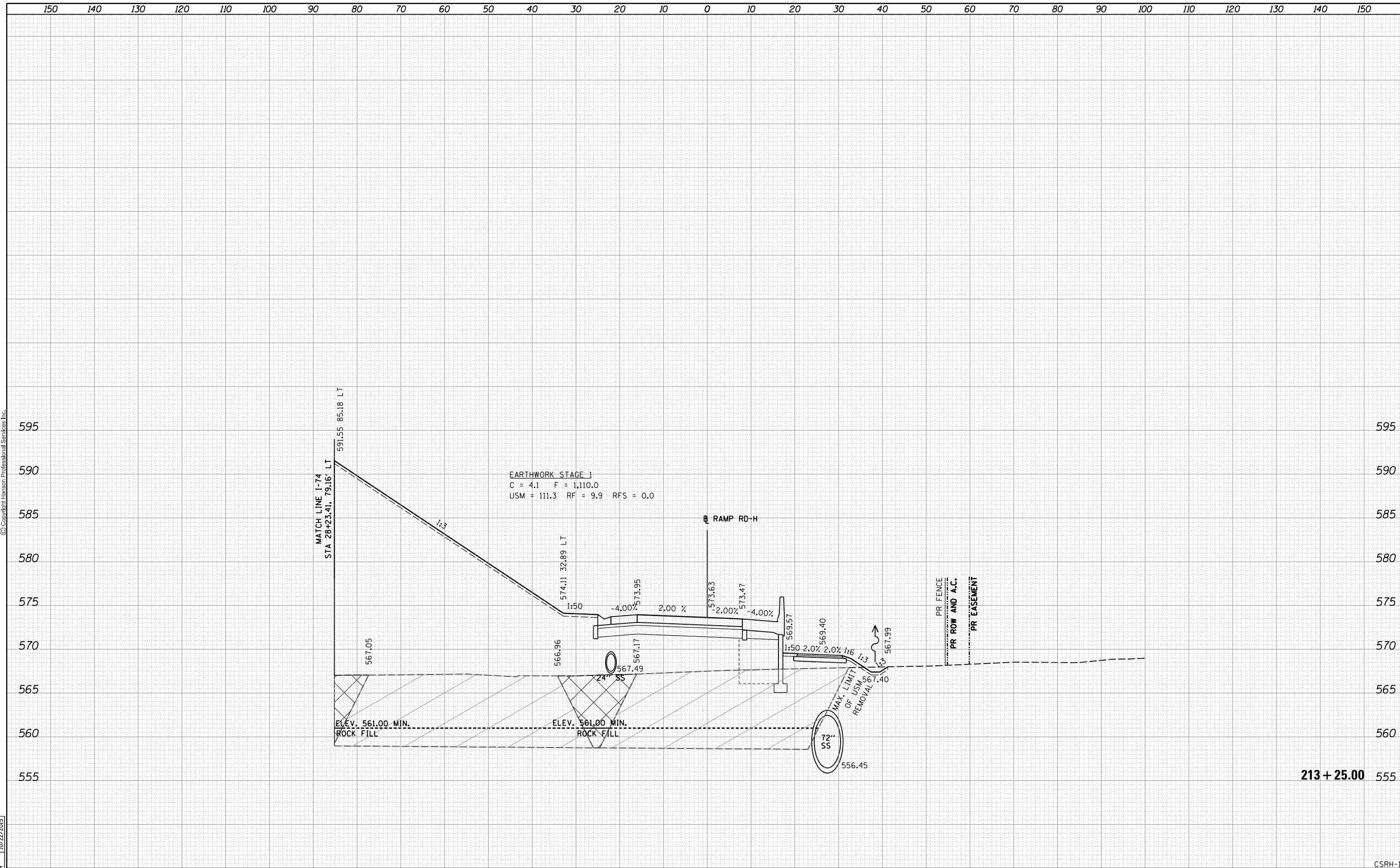
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	PLOT SCALE =	CHECKED - MTH	REVISIED -			ILLINOIS FED. AID PROJECT	CONTRACT NO. 64C08						
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -										

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



EARTHWORK STAGE 1
 C = 4.1 F = 1,110.0
 USM = 111.3 RF = 9.9 RFS = 0.0

213 + 25.00

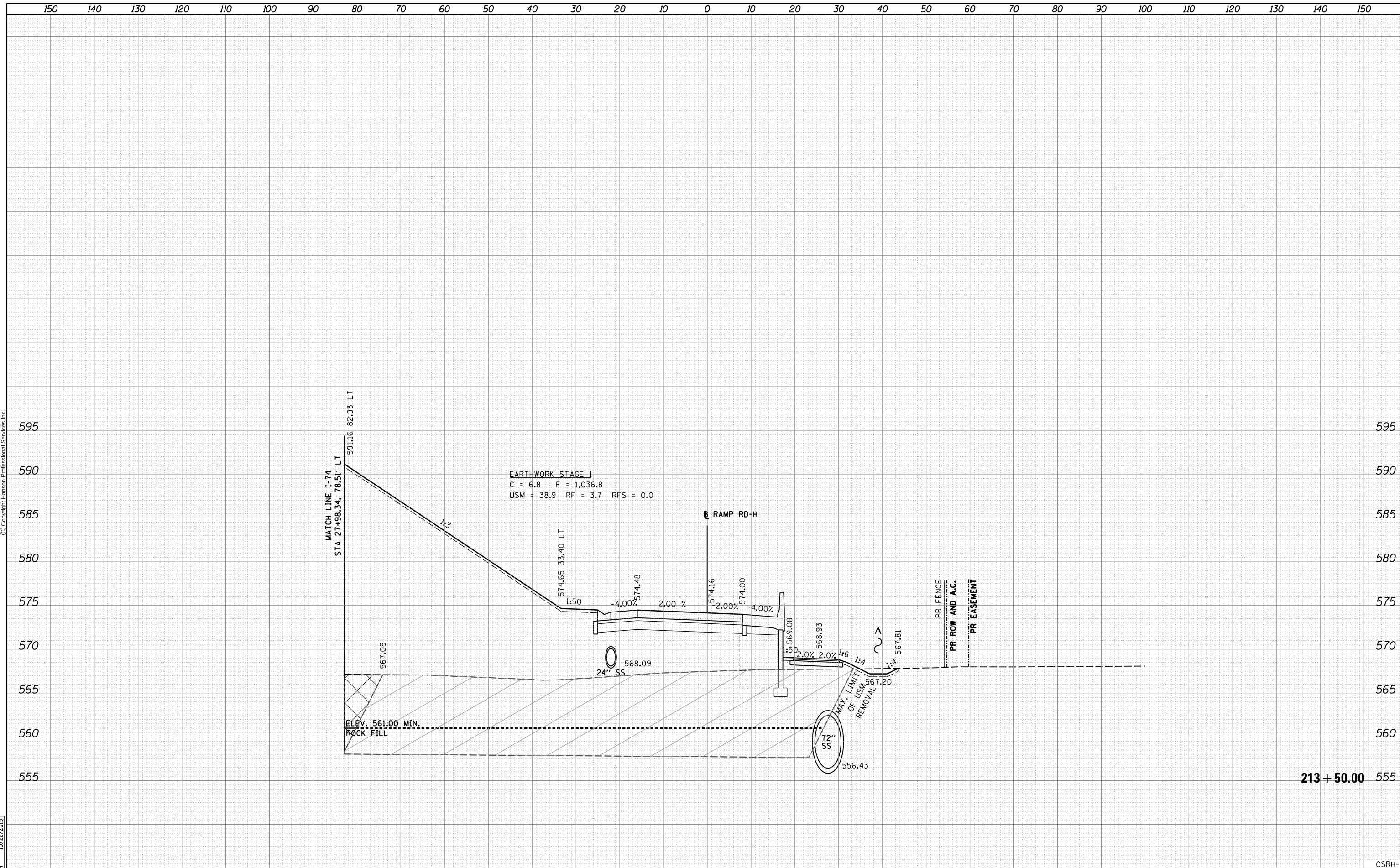
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	PLOT SCALE =	CHECKED - MTH	REVISIED -		SCALE:	SHEET NO. 10 OF 29 SHEETS	STA. 213+25.00 TO STA. 213+25.00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 64C08		
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -									
CSRH-10												

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



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

LAYOUT	RLT	11/20/2014
DRAWN	RLT	11/20/2014
REVIEWED	MTH	10/22/2015



FILE NAME = D2CONAB-HPS-sh-t-xssh003M.dgn	USER NAME = hehr01663	DESIGNED - RLT	REVISIED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">CROSS SECTIONS RAMP RD-H</p>	F.A.I. RTE. 74	SECTION (81-1)R & 81-IHVBR	COUNTY ROCK ISLAND	TOTAL SHEETS 1504	SHEET NO. 1300
	PLOT SCALE =	CHECKED - MTH	REVISIED -		SCALE:	ILLINOIS FED. AID PROJECT		CONTRACT NO. 64C08	
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISIED -		SHEET NO. 11 OF 29 SHEETS	STA. 213+50.00 TO STA. 213+50.00			
					CSRH-11				