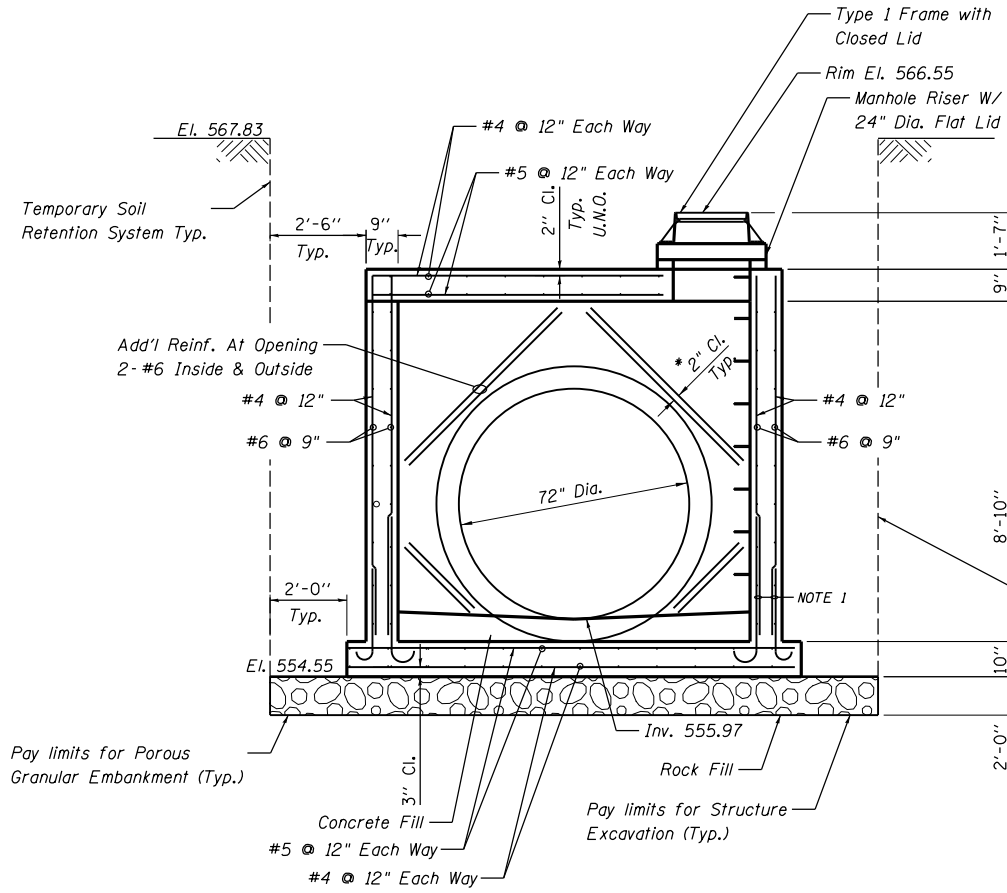
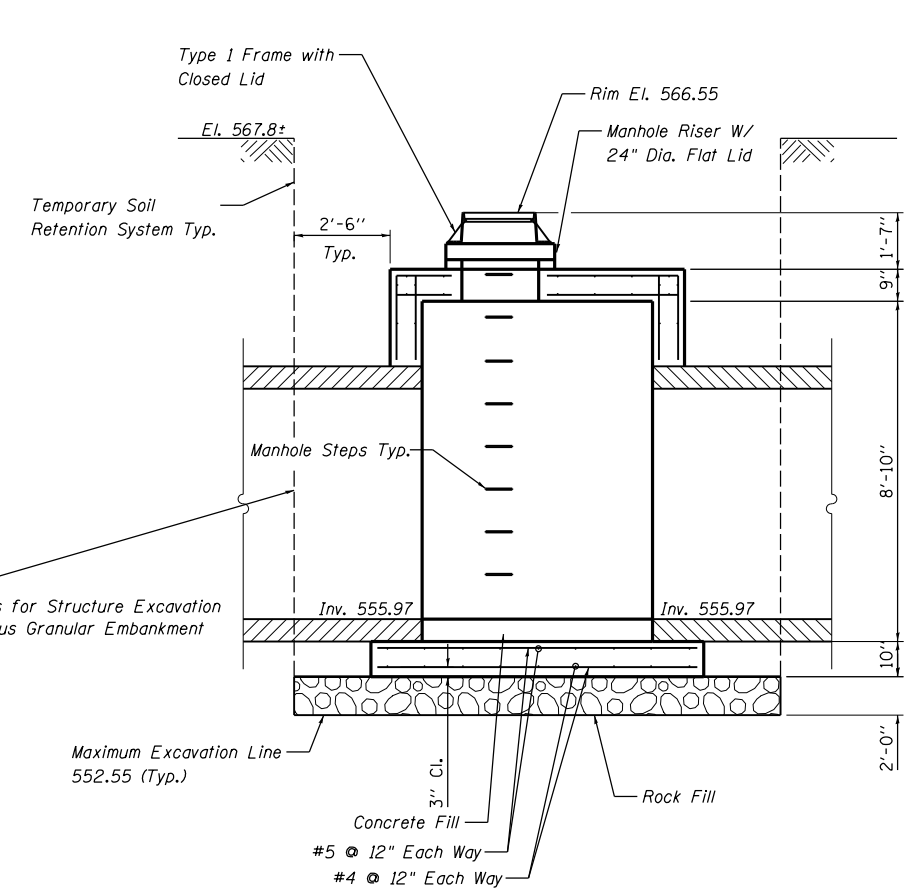


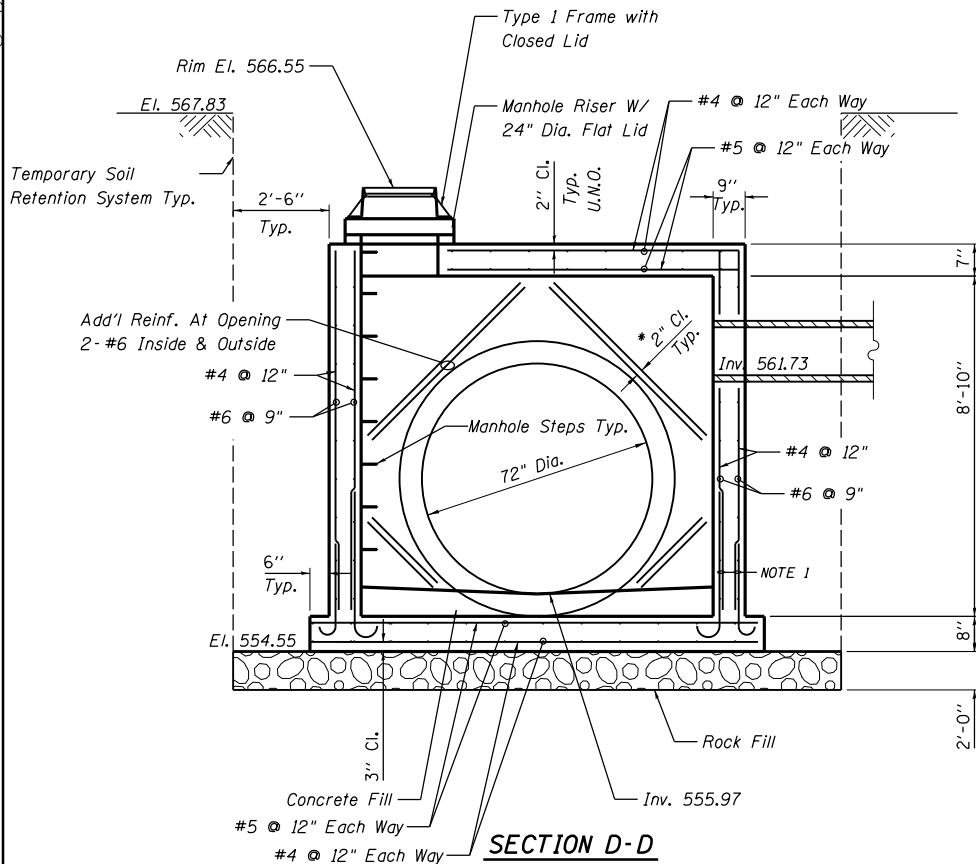
SECTION A-A



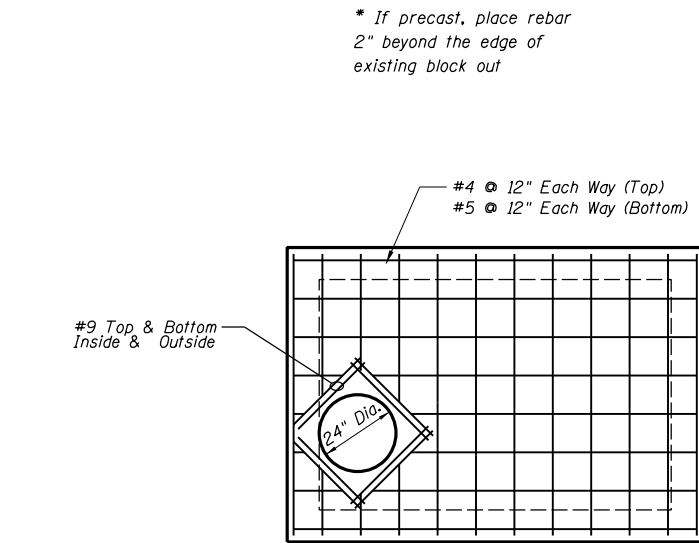
SECTION B-B



SECTION C-C



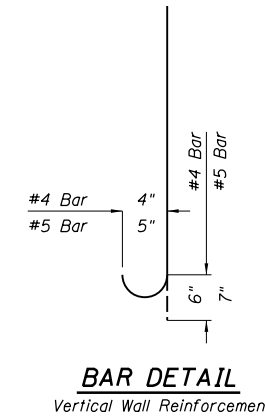
SECTION D-D



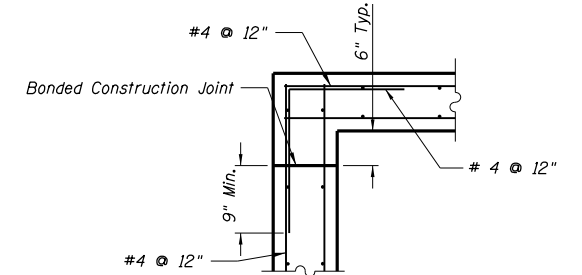
REINFORCEMENT PLAN AT TOP SLAB

NOTE 1 - Optional Bar Splices
LAP #4 1'-9"

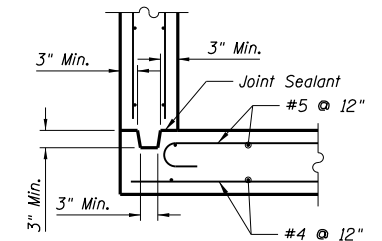
* If precast, place rebar
2" beyond the edge of
existing block out



BAR DETAIL
Vertical Wall Reinforcement



**CORNER DETAIL FOR
CAST-IN-PLACE WALLS AND TOP SLAB**



**CORNER DETAIL FOR CAST-IN-PLACE SLAB
AND PRECAST SINGLE UNIT WALLS**

LAYOUT	RLT	10/14/2016
DRAWN	RLT	10/20/2016
REVIEWED	JW/LMS	11/14/2016

FILE NAME = D2CONAB-HPS-sht-drain28M.dgn

USER NAME = hehn01663
DESIGNED - RLT
DRAWN - RLT
CHECKED - JW/LMS
PLOT DATE = 1/19/2017

DESIGNED - RLT
DRAWN - RLT
CHECKED - JW/LMS
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

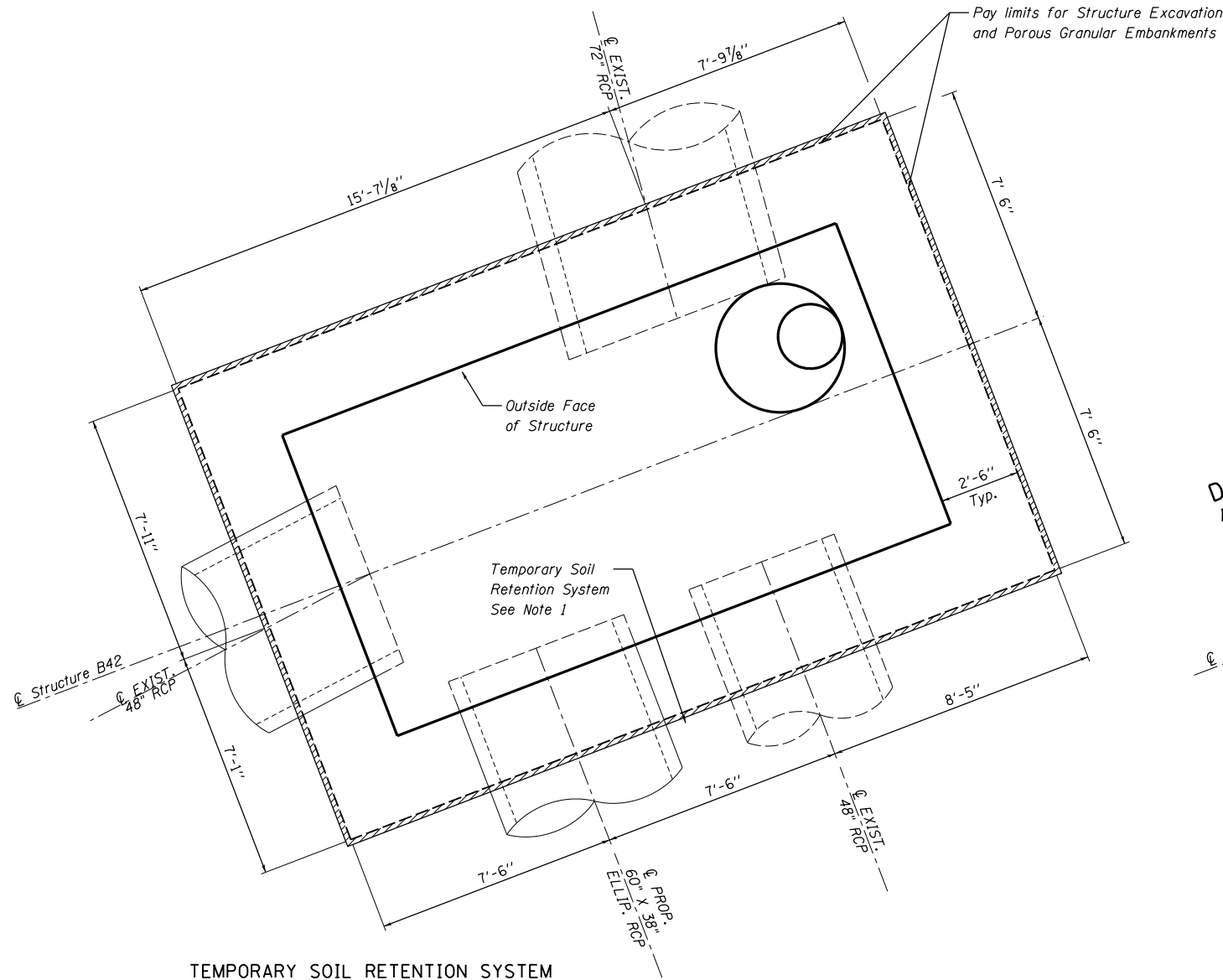
**DRAINAGE DETAILS
JUNCTION BOX, NUMBER 2
STRUCTURE A44**

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	401
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

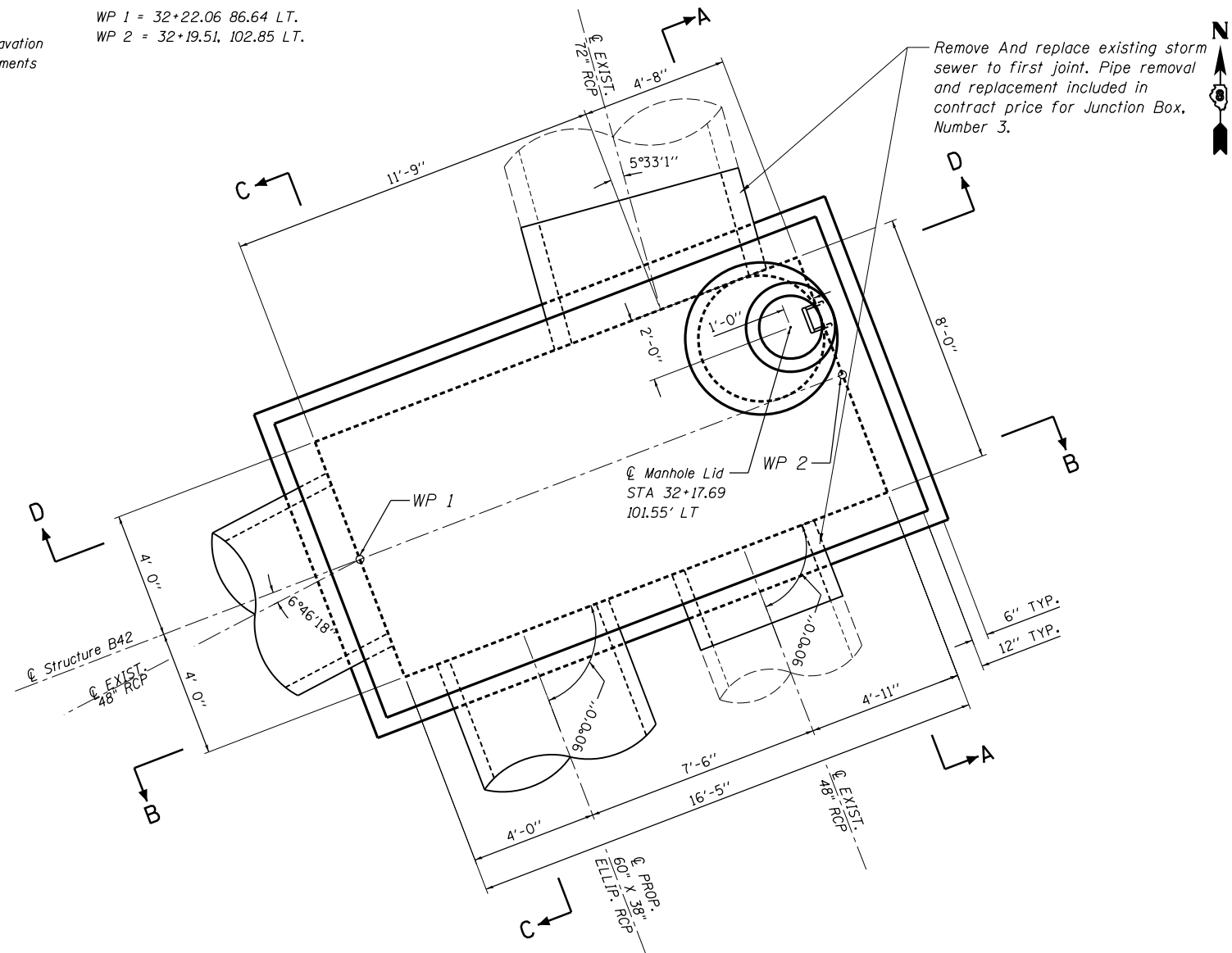
DET-43



© Copyright Hanson Professional Services Inc.



TEMPORARY SOIL RETENTION SYSTEM (NOT TO SCALE)



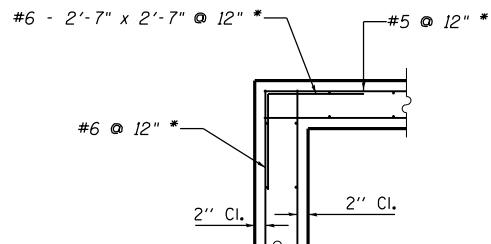
PLAN VIEW (NOT TO SCALE)

GENERAL NOTES

1. A Cantilevered Sheet Piling Design does not appear feasible and additional members or other Retention Systems may be necessary. The Contractor shall submit a Temporary Soil Retention System design including plan details and calculations signed and sealed by a Illinois Licensed Structural Engineer. Cost of temporary soil retention system shall be included in cost of "Junction Box, Number 3".
2. Junction Box shall be constructed in accordance with the Special Provision "Junction Box, Number 3" and the Standard Specifications.
3. The Contractor is to patch all lifting insert holes and place a minimum of one (1) inch of cover over the hardware of these devices on both top and bottom surfaces
4. All existing pipe surfaces to abut new concrete shall be cleaned and roughened. (Cost shall be included in "Junction Box, Number 3").
5. It shall be at all times the responsibility of the Contractor to prevent the flow of existing storm sewer from entering the construction site.
6. The cost of the adjustment of existing pipe and connection to the proposed structure is included in the cost of "Junction Box, Number 3".
7. The Concrete Junction Box as shown in the contract plans is designed as a single unit. Should the Contractor decide to construct the Junction Box in horizontal segments, the Contractor shall submit signed and sealed calculations and plan details of the segment connections from an Illinois Licensed Structural Engineer. This work is included in the cost of "Junction Box, Number 3".
8. A Cast-In-Place alternative may be used at the Contractor's option.

BILL OF MATERIALS

Pay Item No.	Item	Unit	Total
20700220	Porous Granular Embankment	Cu. Yd.	139
50200100	Structure Excavation	Cu. Yd.	178
50200400	Rock Excavation For Structures	Cu. Yd.	51
X6029003	Junction Box, Number 3	L Sum	1



CORNER REINFORCEMENT DETAIL (Typ. at top slab and wall corners)

*At wall corners, #8 @ 6" with a 4'-6" x 4'-6" bent bar

DESIGN STRESSES PRECAST UNITS

f'c = 4,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

DESIGN SPECIFICATIONS:
AASHTO LRFD Bridge Specifications.
7TH Addition

LAYOUT	10/14/2016
DRAWN	10/20/2016
REVIEWED	11/17/2016

FILE NAME =	D2CONAB-HP5-shd-drain25M.dgn	USER NAME =	hehm01663	DESIGNED -	RLT	REVISED -	
		DRAWN -	RLT	REVISED -			
		CHECKED -	JJW/LMS	REVISED -			
		DATE -	1/20/2017	REVISED -			

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS JUNCTION BOX NUMBER 3 STRUCTURE B42

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

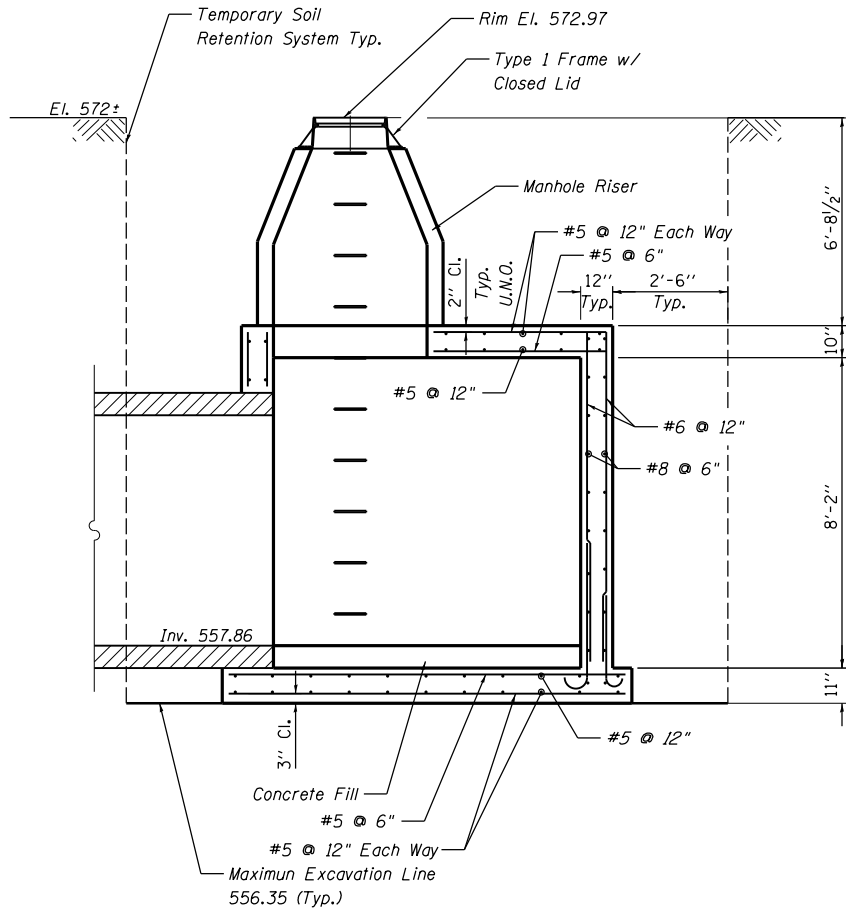
F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504	402
				CONTRACT NO. 64C08

DET-44

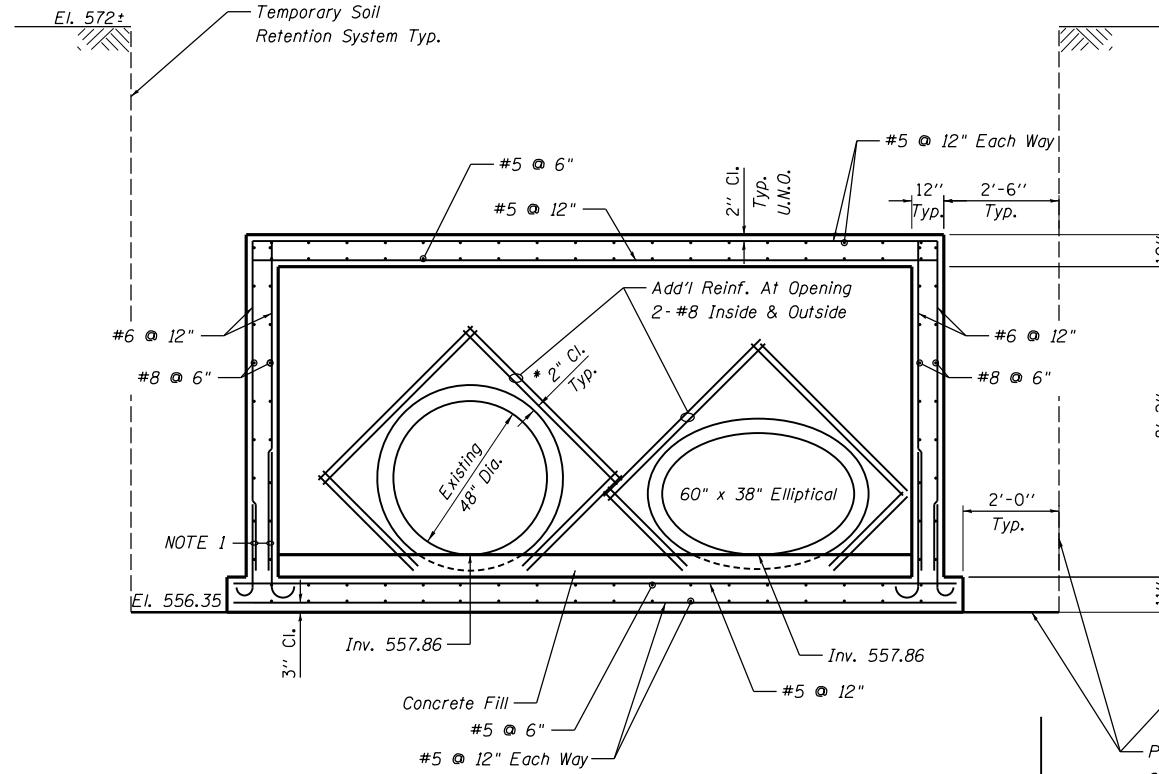
ILLINOIS FED. AID PROJECT



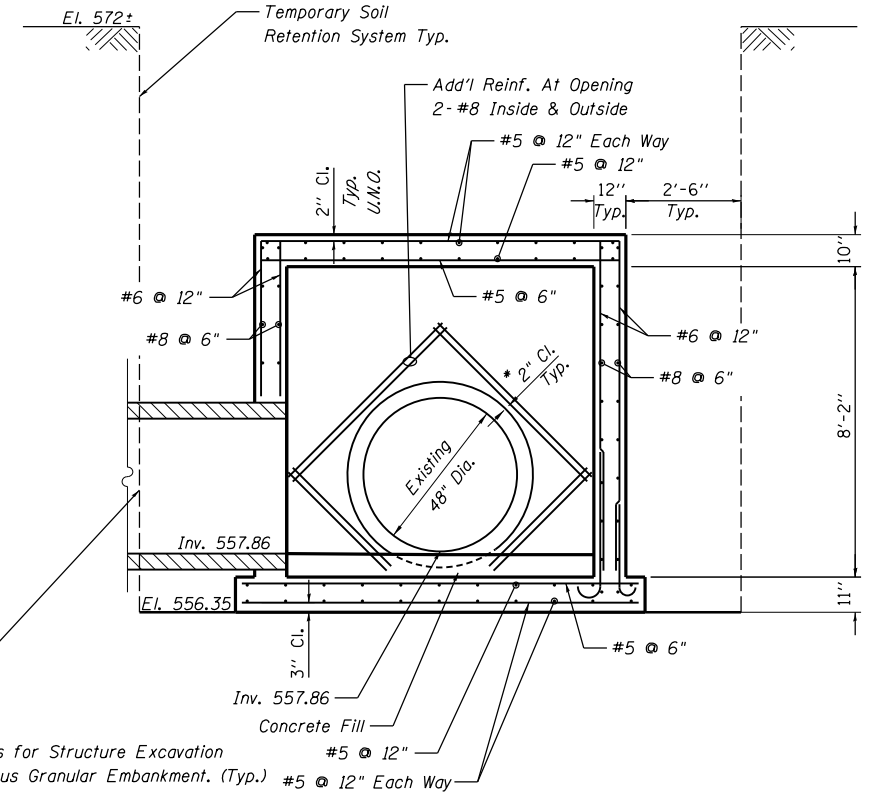
© Copyright Hanson Professional Services Inc.



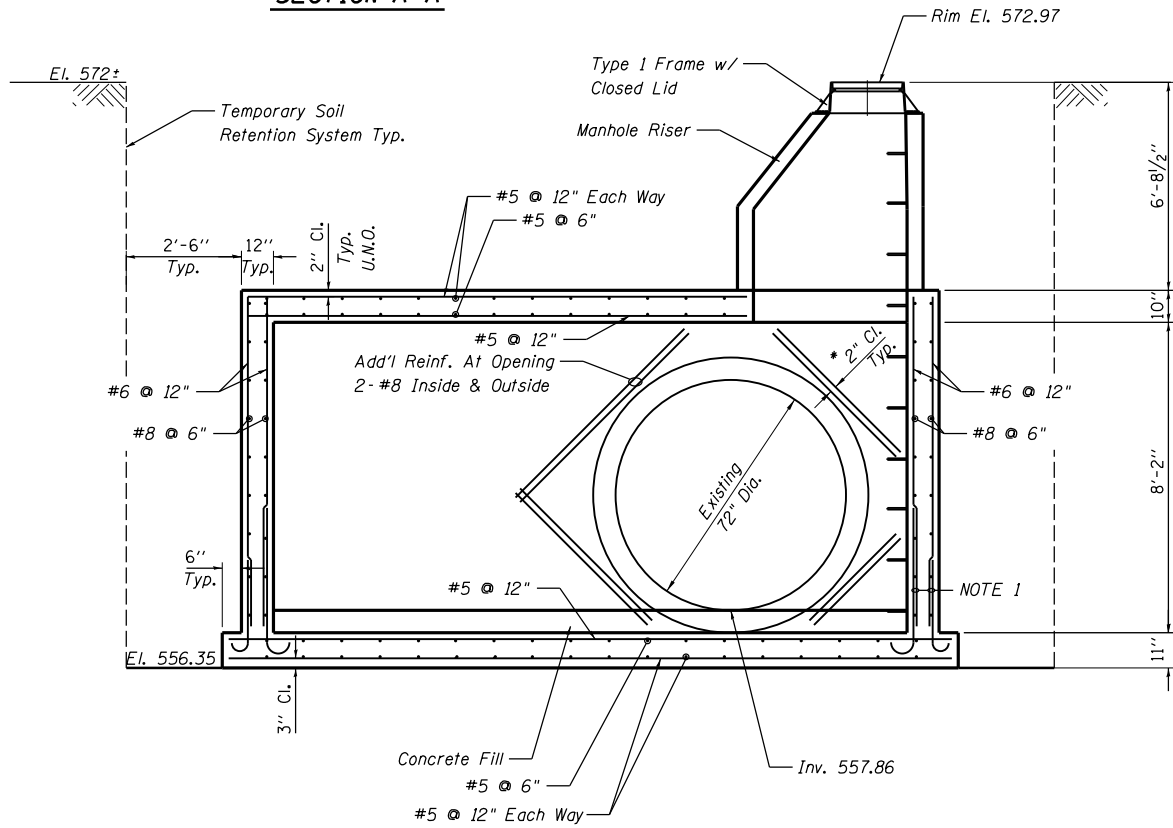
SECTION A-A



SECTION B-B

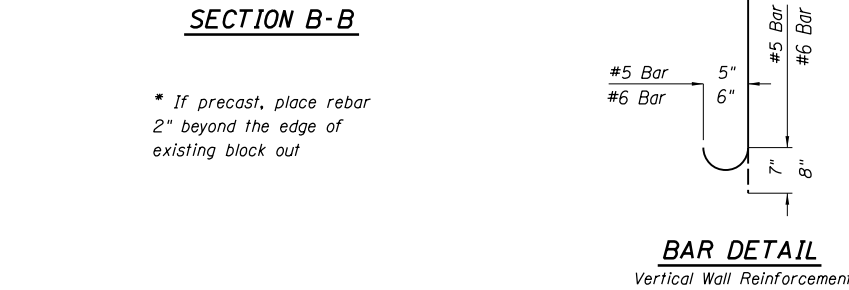


SECTION C-C

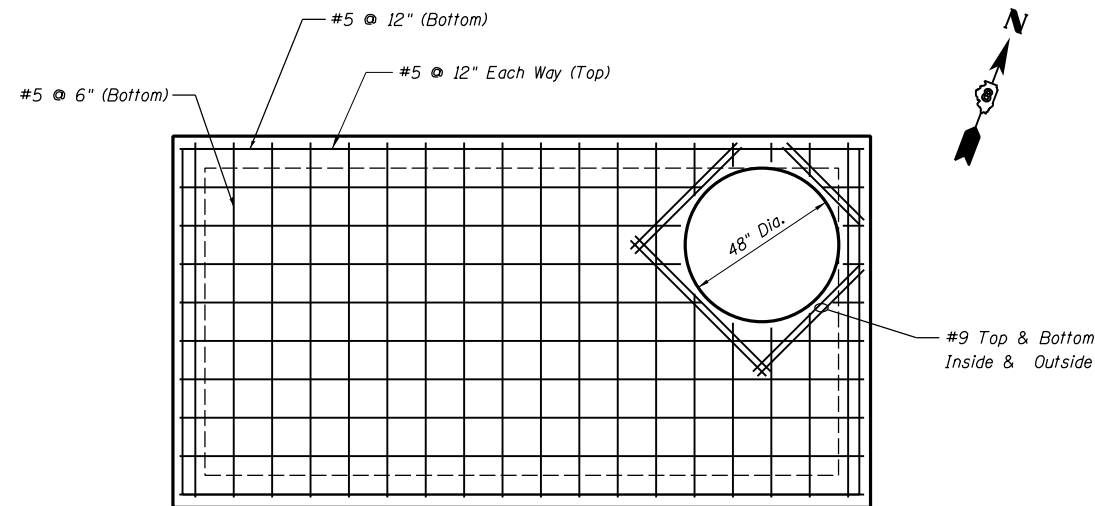


SECTION D-D

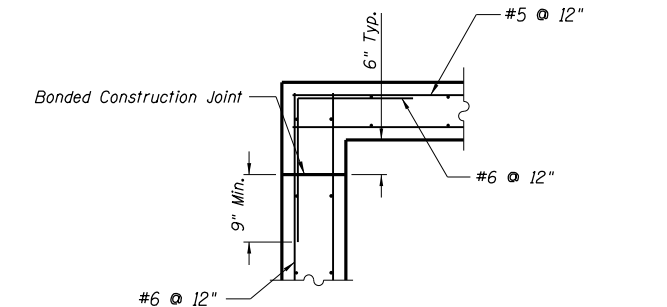
NOTE 1 - Optional Bar Splices
LAP #5 2'-2"



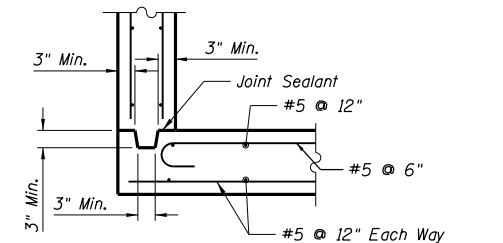
BAR DETAIL
Vertical Wall Reinforcement



REINFORCEMENT PLAN AT TOP SLAB



CORNER DETAIL FOR
CAST-IN-PLACE WALLS AND TOP SLAB



CORNER DETAIL FOR CAST-IN-PLACE SLAB
AND PRECAST SINGLE UNIT WALLS

LAYOUT	RLT	10/14/2016
DRAWN	RLT	10/20/2016
REVIEWED	JW/LMS	11/14/2016

FILE NAME = D2CONAB-HP5-sht-drain25M.dgn

USER NAME =	hehrn01663
DESIGNED -	RLT
DRAWN -	RLT
CHECKED -	JW/LMS
DATE -	1/20/2017

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

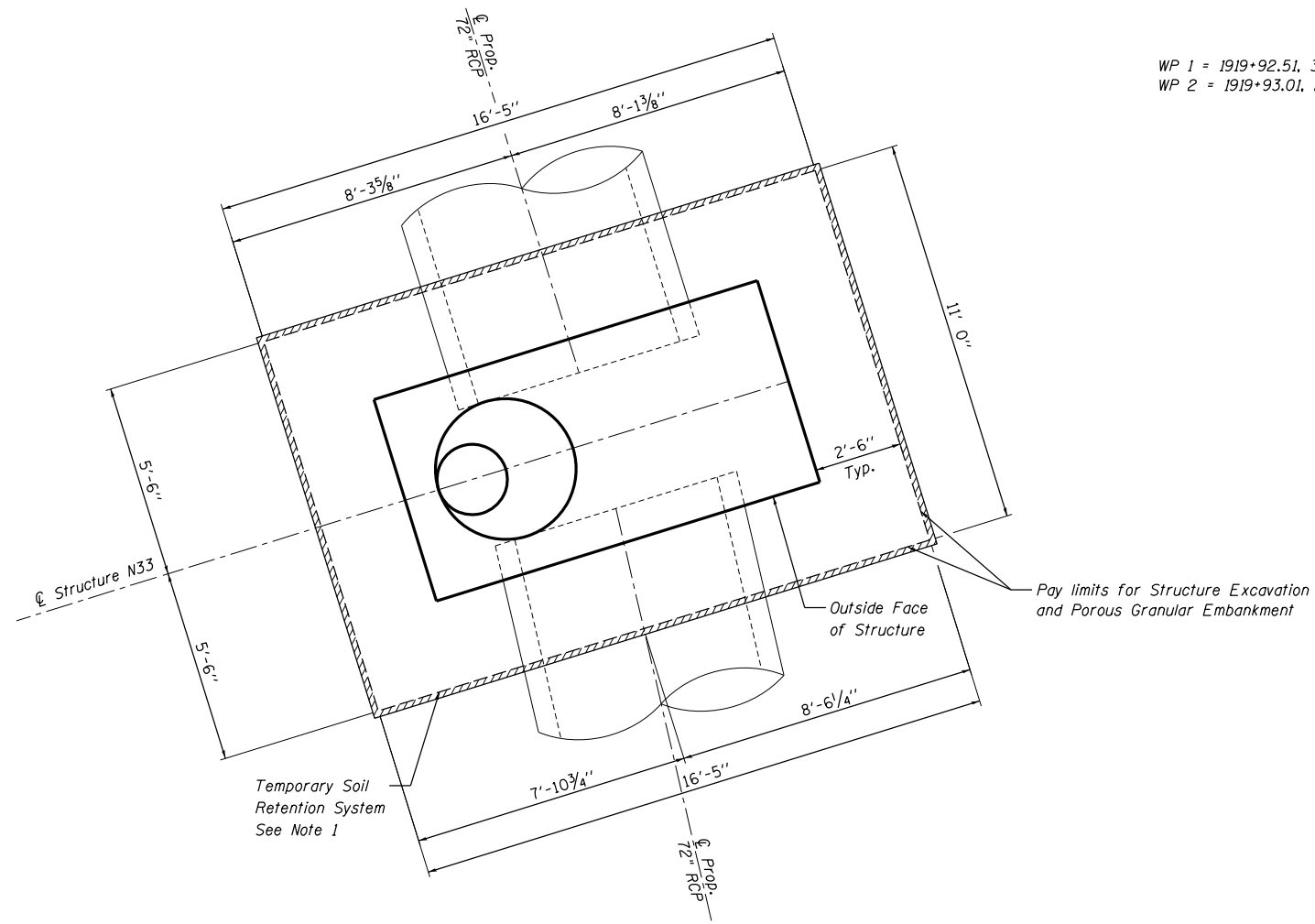
DRAINAGE DETAILS
JUNCTION BOX, NUMBER 3
STRUCTURE B42

F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504	403
				CONTRACT NO. 64C08
ILLINOIS FED. AID PROJECT				

DET-45

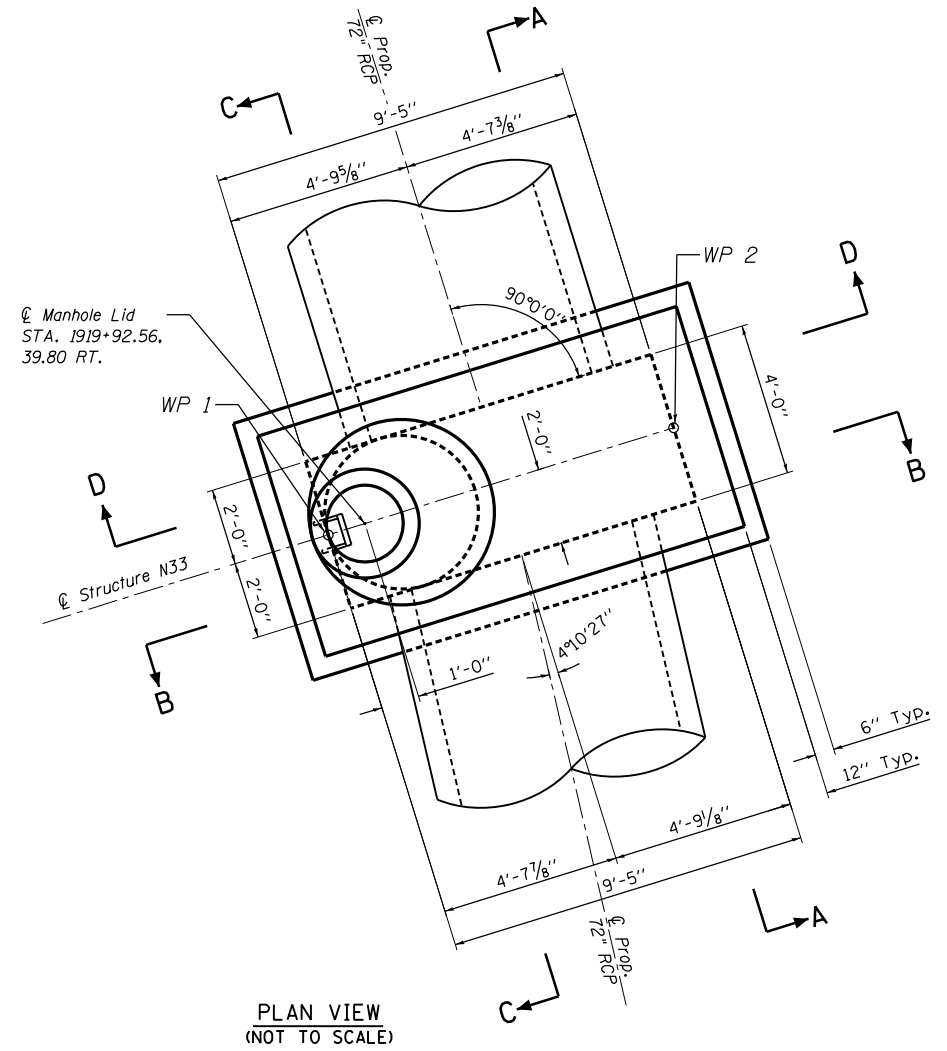


© Copyright Hanson Professional Services Inc.



TEMPORARY SOIL RETENTION SYSTEM
(NOT TO SCALE)

WP 1 = 1919+92.51, 37.80 RT.
WP 2 = 1919+93.01, 28.42 RT.



PLAN VIEW
(NOT TO SCALE)

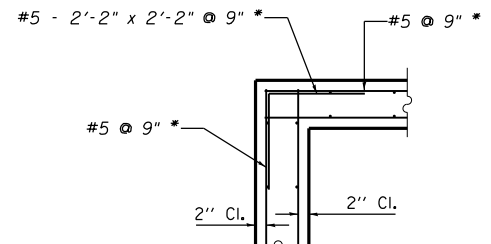
GENERAL NOTES

1. A Cantilevered Sheet Piling Design does not appear feasible and additional members or other Retention Systems may be necessary. The Contractor shall submit a Temporary Soil Retention System design including plan details and calculations signed and sealed by a Illinois Licensed Structural Engineer. Cost of temporary soil retention system shall be included in "Junction Box, Number 4".
2. Junction Box shall be constructed in accordance with the Special Provision "Junction Box, Number 4" and the Standard Specifications.
3. The Contractor is to patch all lifting insert holes and place a minimum of one (1) inch of cover over the hardware of these devices on both top and bottom surfaces
4. All existing pipe surfaces to abut new concrete shall be cleaned and roughened. (Cost shall be included in "Junction Box, Number 4").
5. It shall be at all times the responsibility of the Contractor to prevent the flow of existing storm sewer from entering the construction site.
6. The cost of the adjustment of existing pipe and connection to the proposed structure is included in the cost of "Junction Box, Number 4".
7. The Concrete Junction Box as shown in the contract plans is designed as a single unit. Should the Contractor decide to construct the Junction Box in horizontal segments, the Contractor shall submit signed and sealed calculations and plan details of the segment connections from an Illinois Licensed Structural Engineer. This work is included in the cost of "Junction Box, Number 4".
8. A Cast-In-Place alternative may be used at the Contractor's option.
9. Any pipe connections to the proposed riser shall be in accordance with Section 602 of the Standard Specifications.

BILL OF MATERIALS

Pay Item No.	Item	Unit	Total
20700220	Porous Granular Embankment	Cu. Yd.	114
50200100	Structure Excavation	Cu. Yd.	140
X6029004	Junction Box, Number 4	L Sum	1

L Sum quantity for Junction Box, Number 4 includes structure N33, N33a, and N33b.



CORNER REINFORCEMENT DETAIL
(Typ. at top slab and wall corners)

* At wall corners, #7 @ 9" with a 3'-5" x 3'-5" bent bar.

DESIGN STRESSES PRECAST UNITS

$f'_c = 4,500 \text{ psi}$
 $f_y = 60,000 \text{ psi (Reinforcement)}$
 $f_y = 50,000 \text{ psi (M270 Grade 50)}$

DESIGN SPECIFICATIONS:

AASHTO LRFD Bridge Specifications, 7TH Addition

LAYOUT	10/14/2016
DRAWN	10/20/2016
REVIEWED	11/14/2016

FILE NAME =	USER NAME = hehm01663	DESIGNED - RLT	REVISED -
D2CONAB-HPS-sht-drain31M.dgn		DRAWN - RLT	REVISED -
		CHECKED - JJW/LMS	REVISED -
		DATE - 1/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
JUNCTION BOX, NUMBER 4
STRUCTURE N33

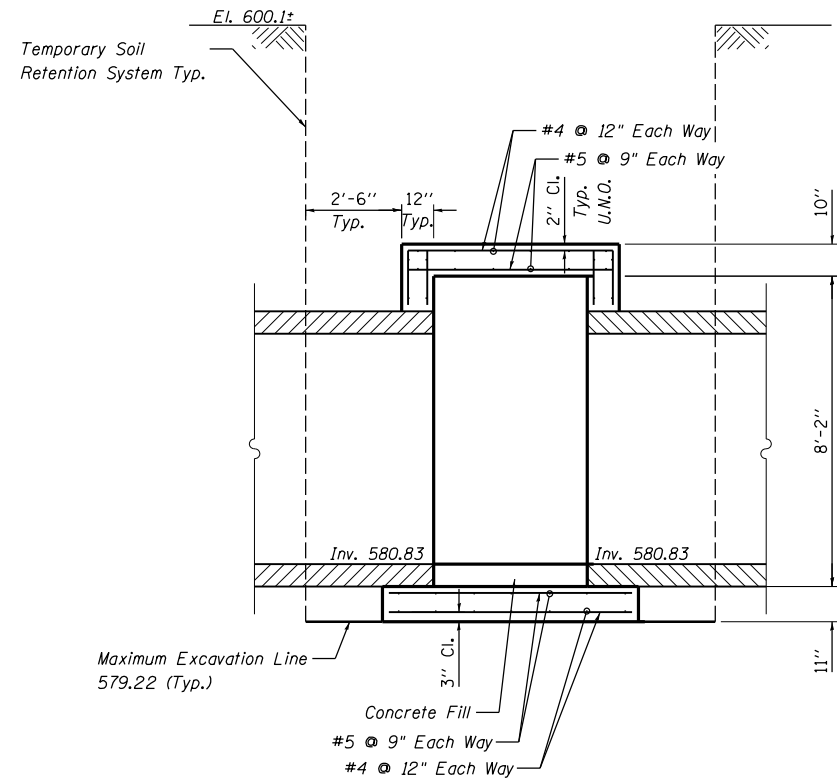
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	404
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

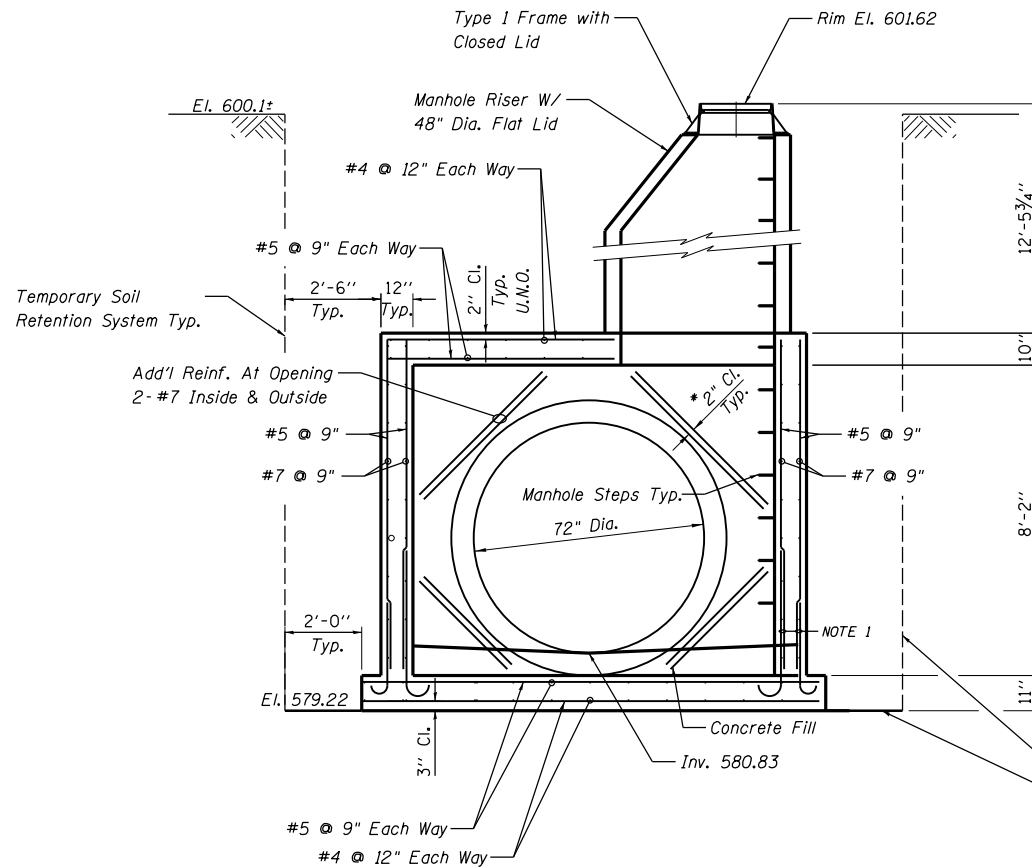
DET-46



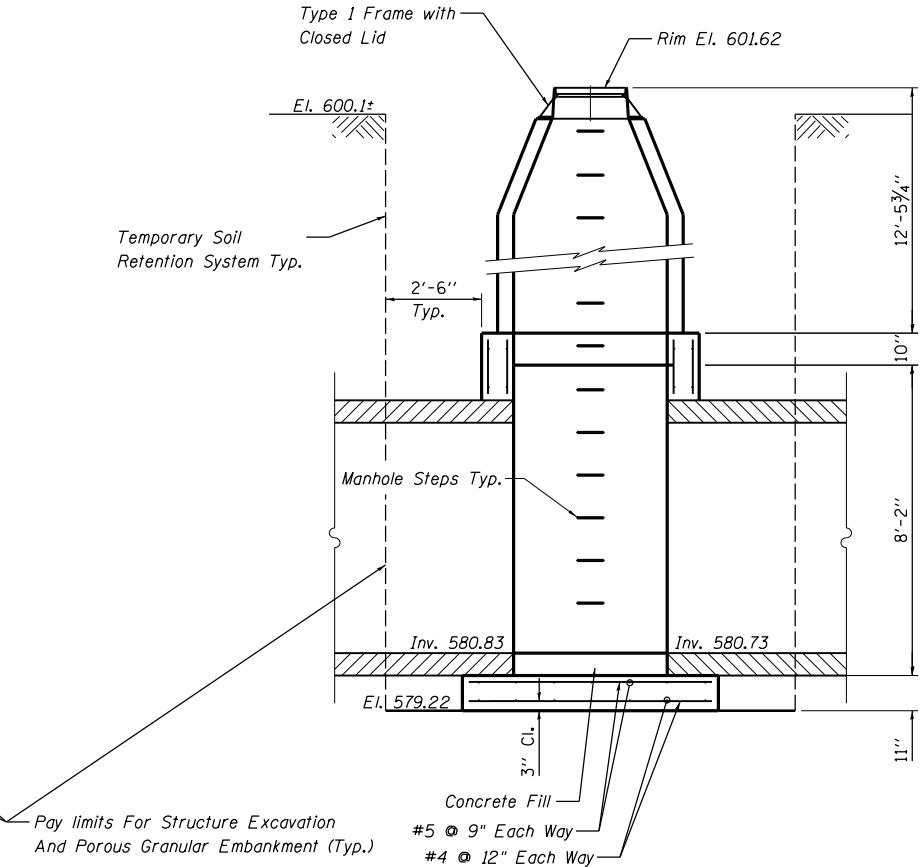
© Copyright Hanson Professional Services Inc.



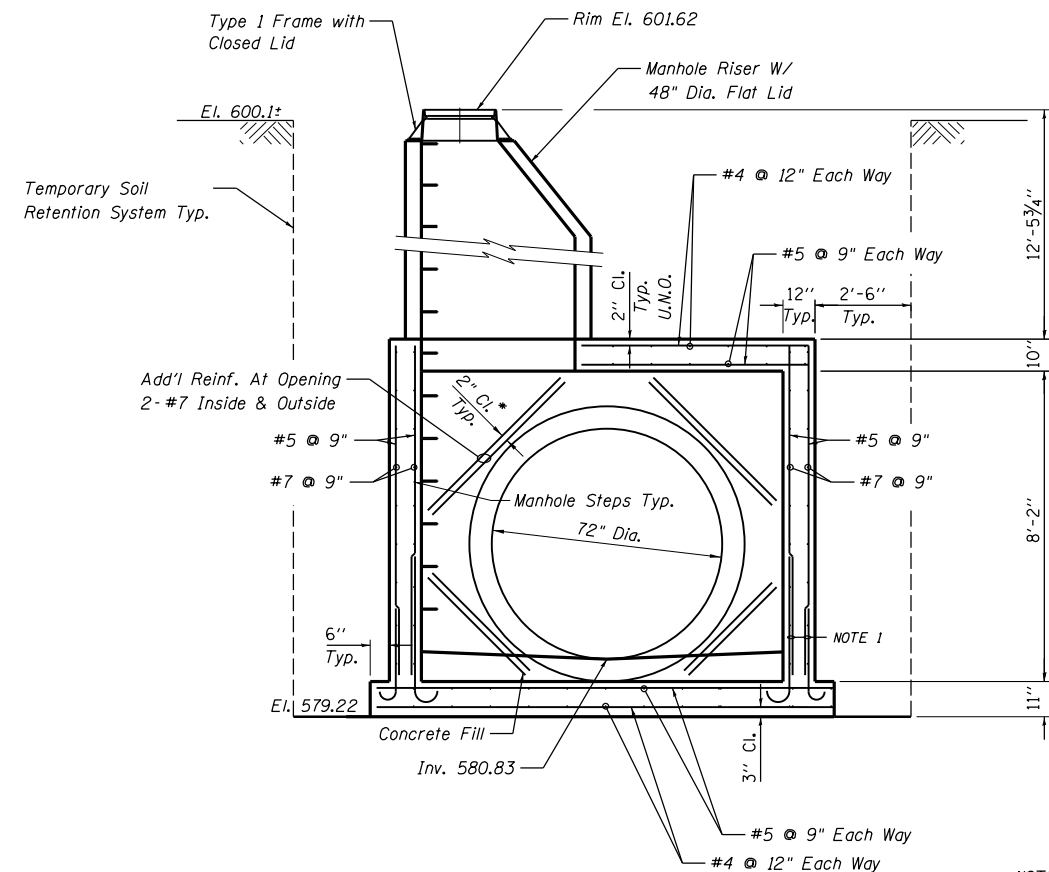
SECTION A-A



SECTION B-B

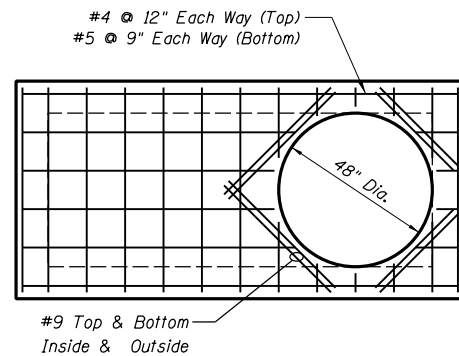


SECTION C-C

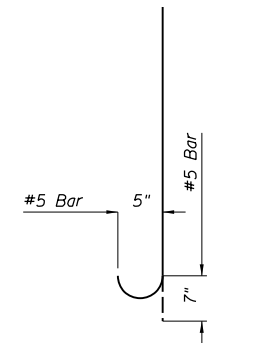


SECTION D-D

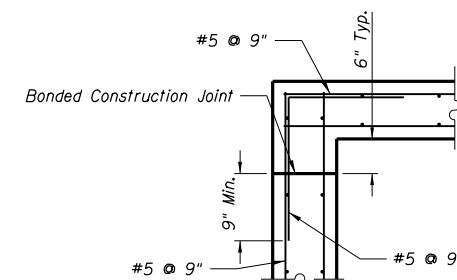
* If precast, place rebar 2" beyond the edge of existing block out



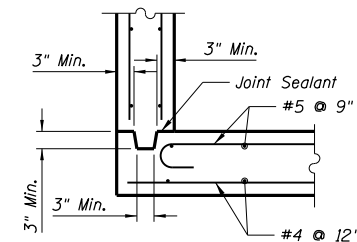
REINFORCEMENT PLAN AT TOP SLAB



BAR DETAIL
Vertical Wall Reinforcement



CORNER DETAIL FOR CAST-IN-PLACE WALLS AND TOP SLAB



CORNER DETAIL FOR CAST-IN-PLACE SLAB AND PRECAST SINGLE UNIT WALLS

NOTE 1 - Optional Bar Splices
LAP #5 2'-2"

LAYOUT	RLT	10/14/2016
DRAWN	RLT	10/20/2016
REVIEWED	JW/LMS	11/17/2016

FILE NAME = D2CONAB-HPS-sht-drain31M.dgn

USER NAME = hehn01663	DESIGNED - RLT	REVISED -
PLOT SCALE = NTS	DRAWN - RLT	REVISED -
PLOT DATE = 1/19/2017	CHECKED - JW/LMS	REVISED -
	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS
JUNCTION BOX, NUMBER 4
STRUCTURE N33**

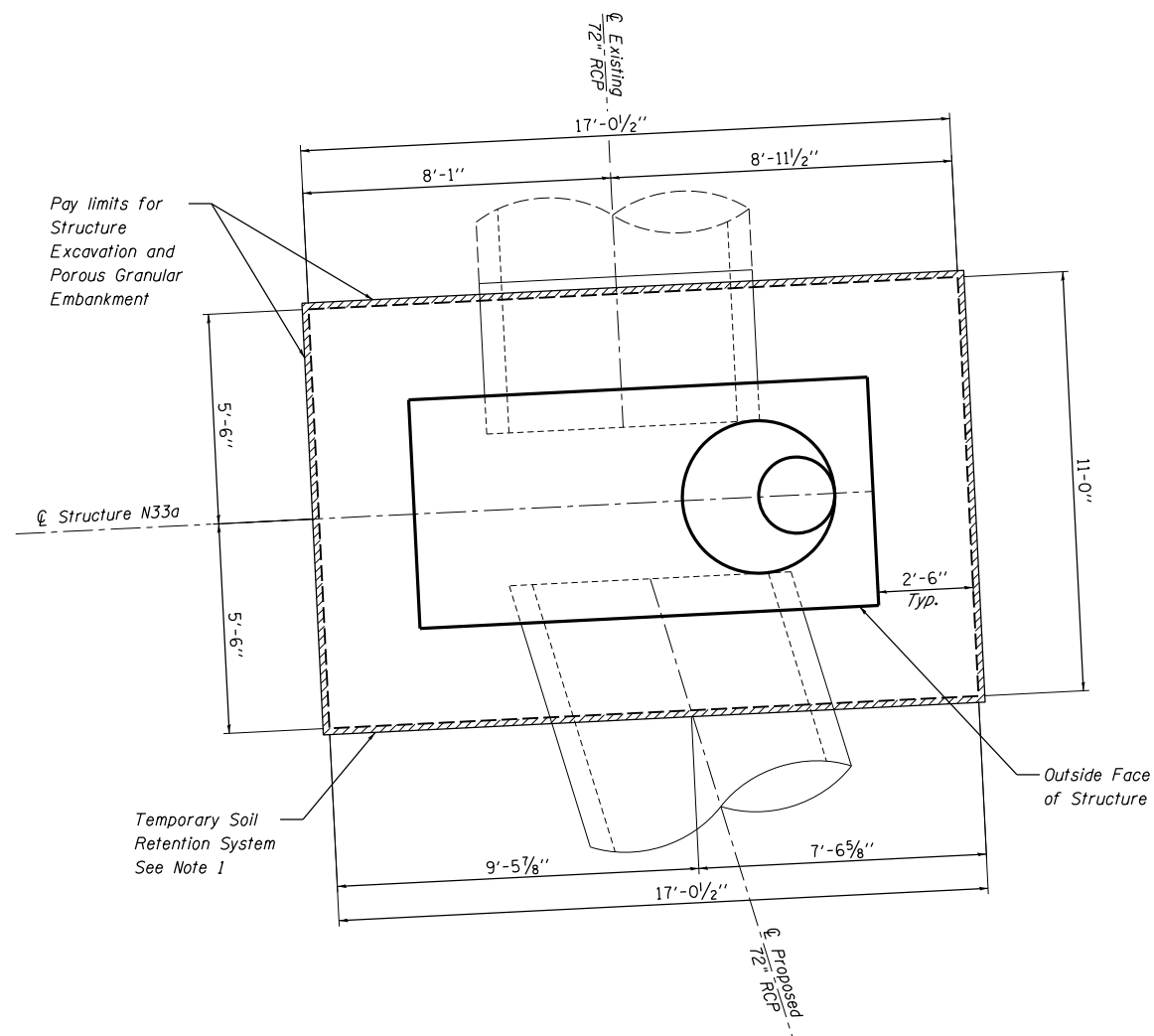
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1JR & 81-1HVBR)	ROCK ISLAND	1504	405
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C08	

DET-47



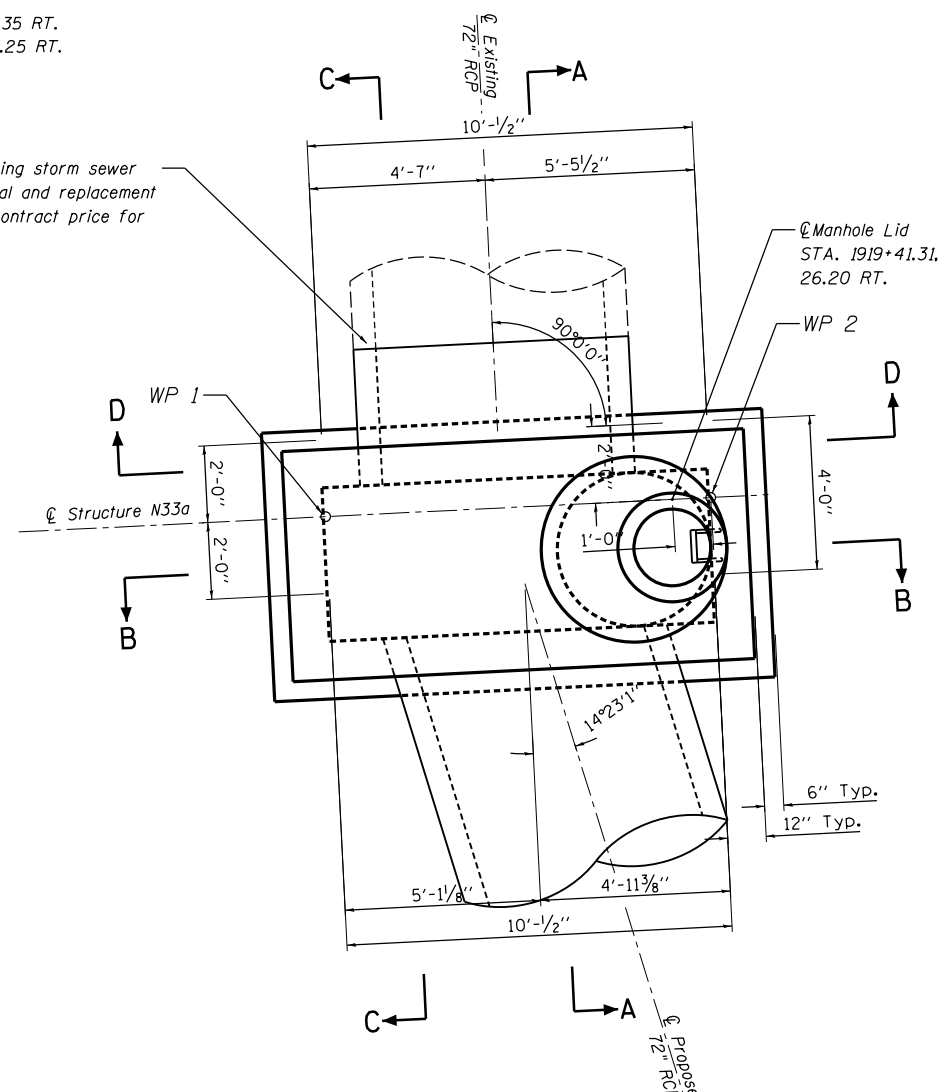
© Copyright Hanson Professional Services Inc.



TEMPORARY SOIL RETENTION SYSTEM
(NOT TO SCALE)

WP 1 = 1919+38.68, 34.35 RT.
WP 2 = 1919+41.60, 25.25 RT.

Remove and replace existing storm sewer to first joint. Pipe removal and replacement shall be included in the contract price for Junction Box, Number 4.



PLAN VIEW
(NOT TO SCALE)

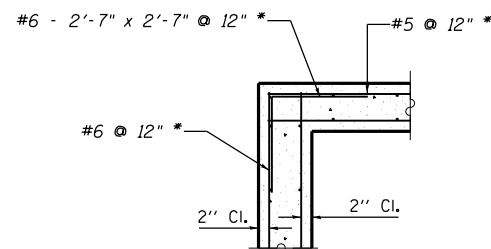
GENERAL NOTES

1. A Cantilevered Sheet Piling Design does not appear feasible and additional members or other Retention Systems may be necessary. The Contractor shall submit a Temporary Soil Retention System design including plan details and calculations signed and sealed by a Illinois Licensed Structural Engineer. Cost of temporary soil retention system shall be included in "Junction Box, Number 4".
2. Junction Box shall be constructed in accordance with the Special Provision "Junction Box, Number 4" and the Standard Specifications.
3. The Contractor is to patch all lifting insert holes and place a minimum of one (1) inch of cover over the hardware of these devices on both top and bottom surfaces
4. All existing pipe surfaces to abut new concrete shall be cleaned and roughened. (Cost shall be included in "Junction Box, Number 4").
5. It shall be at all times the responsibility of the Contractor to prevent the flow of existing storm sewer from entering the construction site.
6. The cost of the adjustment of existing pipe and connection to the proposed structure is included in the cost of "Junction Box, Number 4".
7. The Concrete Junction Box as shown in the contract plans is designed as a single unit. Should the Contractor decide to construct the Junction Box in horizontal segments, the Contractor shall submit signed and sealed calculations and plan details of the segment connections from an Illinois Licensed Structural Engineer. This work is included in the cost of "Junction Box, Number 4".
8. A Cast-In-Place alternative may be used at the Contractor's option.

BILL OF MATERIALS

Pay Item No.	Item	Unit	Total
20700220	Porous Granular Embankment	Cu. Yd.	116
50200100	Structure Excavation	Cu. Yd.	150
X6029004	Junction Box, Number 4	L Sum	1

L Sum quantity for Junction Box, Number 4 includes structure N33, N33a, and N33b.



CORNER REINFORCEMENT DETAIL

(Typ. at top slab and wall corners)

* At wall corners, #7 @ 6" with a 3'-5" x 3'-5" bent bar.

DESIGN STRESSES PRECAST UNITS

$f'_c = 4,500 \text{ psi}$
 $f_y = 60,000 \text{ psi (Reinforcement)}$
 $f_y = 50,000 \text{ psi (M270 Grade 50)}$

DESIGN SPECIFICATIONS:

AASHTO LRFD Bridge Specifications, 7TH Edition

LAYOUT	10/14/2016
DRAWN	10/20/2016
REVIEWED	11/17/2016

FILE NAME =	USER NAME = hehm01663	DESIGNED - RLT	REVISED -
D2CONAB-HPS-sht-drain30M.dgn		DRAWN - RLT	REVISED -
		CHECKED - JJW/LMS	REVISED -
		DATE - 1/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
JUNCTION BOX NUMBER 4
STRUCTURE N33a

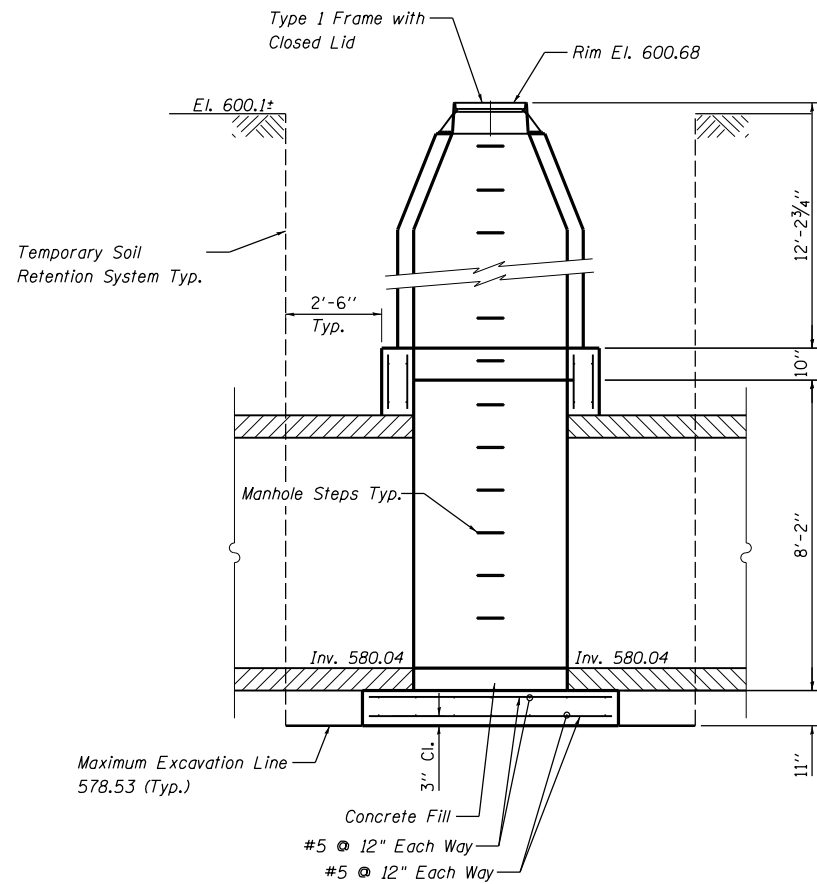
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	406
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

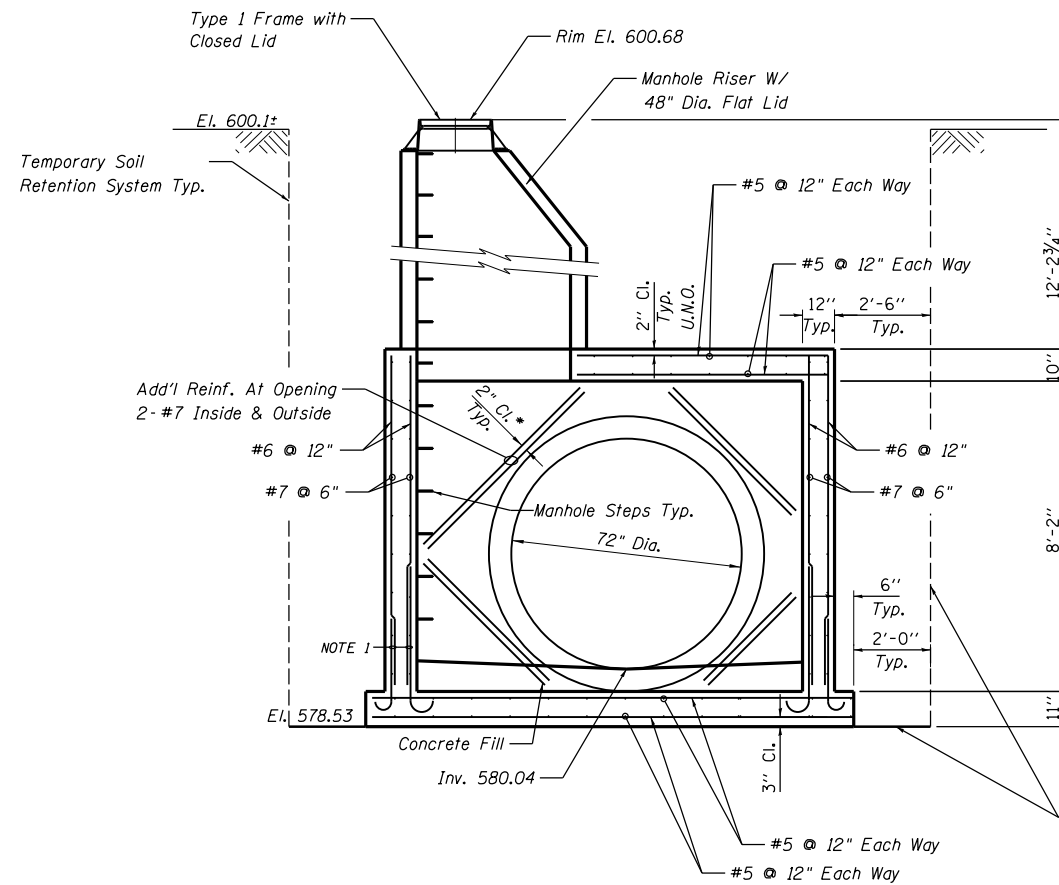
DET-48



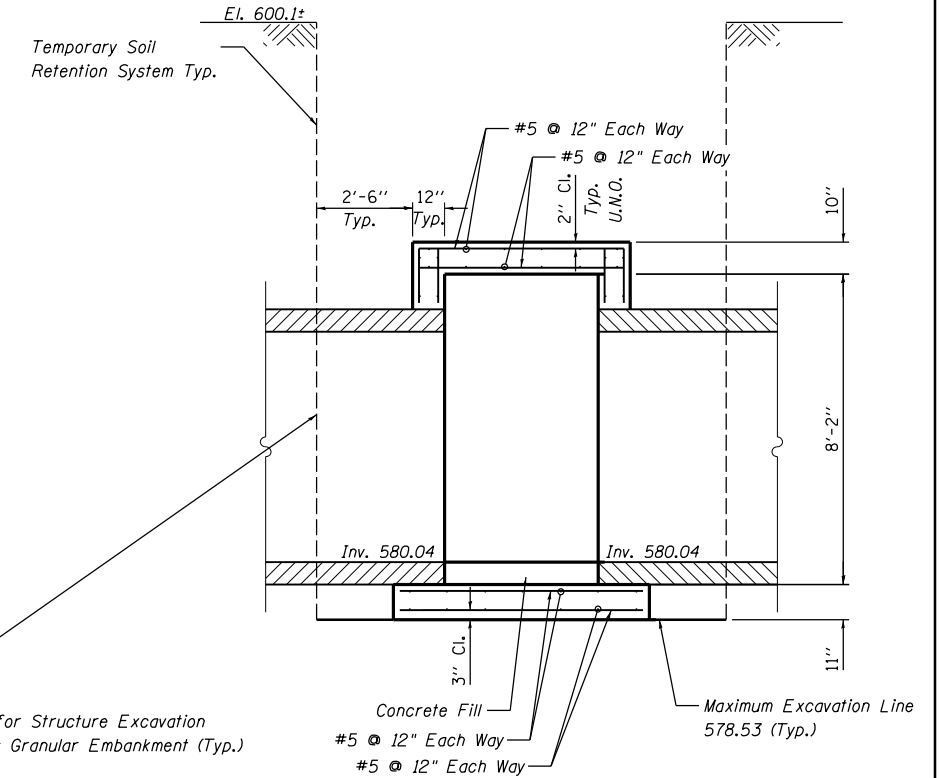
© Copyright Hanson Professional Services Inc.



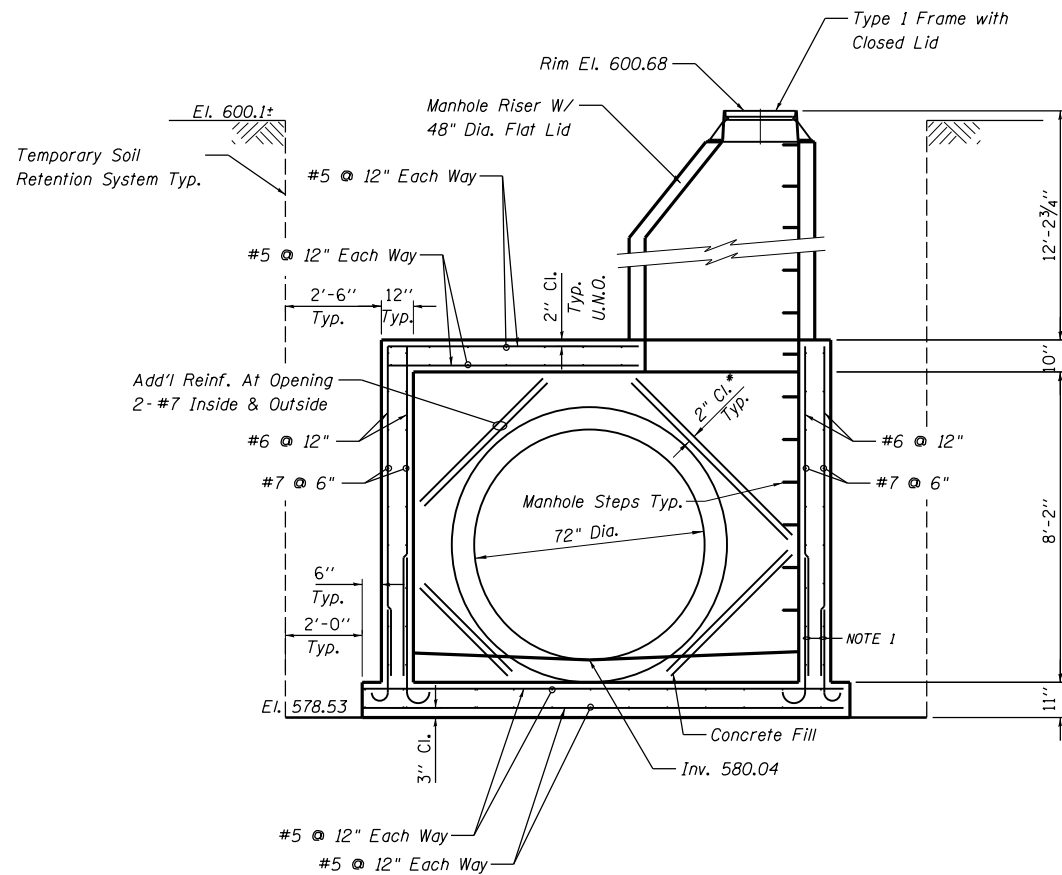
SECTION A-A



SECTION B-B

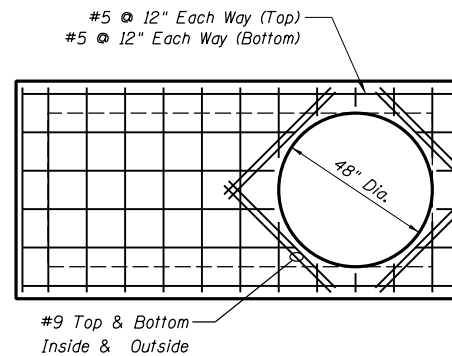


SECTION C-C

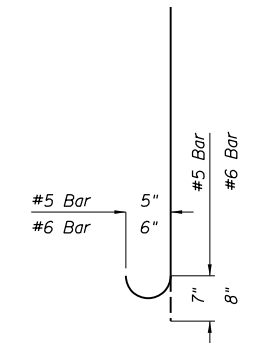


SECTION D-D

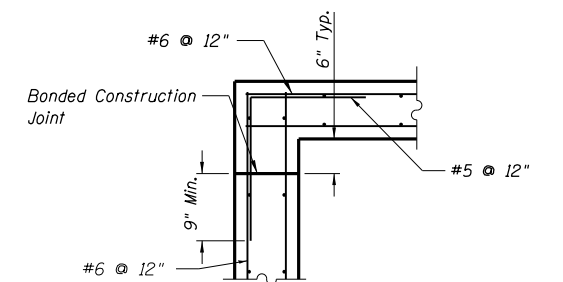
* If precast, place rebar 2" beyond the edge of existing block out.



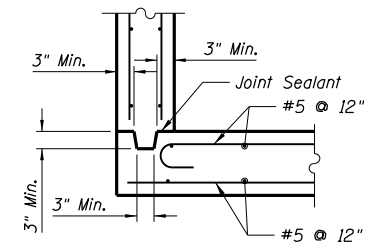
REINFORCEMENT PLAN AT TOP SLAB



BAR DETAIL
Vertical Wall Reinforcement



CORNER DETAIL FOR
CAST-IN-PLACE WALLS AND TOP SLAB



CORNER DETAIL FOR CAST-IN-PLACE SLAB
AND PRECAST SINGLE UNIT WALLS

NOTE 1 - Optional Bar Splices
LAP #6 2'-7"

* If precast, place rebar
2" beyond the edge of
existing block out.



LAYOUT	10/14/2016
DRAWN	RLT
REVIEWED	JJM/LMS
FILE NAME	D2CONAB-HPS-sht-drain30M.dgn

USER NAME	= hehm01663
DESIGNED	- RLT
DRAWN	- RLT
CHECKED	- JJM/LMS
DATE	- 1/20/2017

DESIGNED	- RLT
REVIS	-
REVIS	-
REVIS	-
REVIS	-

DESIGNED	- RLT
REVIS	-
REVIS	-
REVIS	-
REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

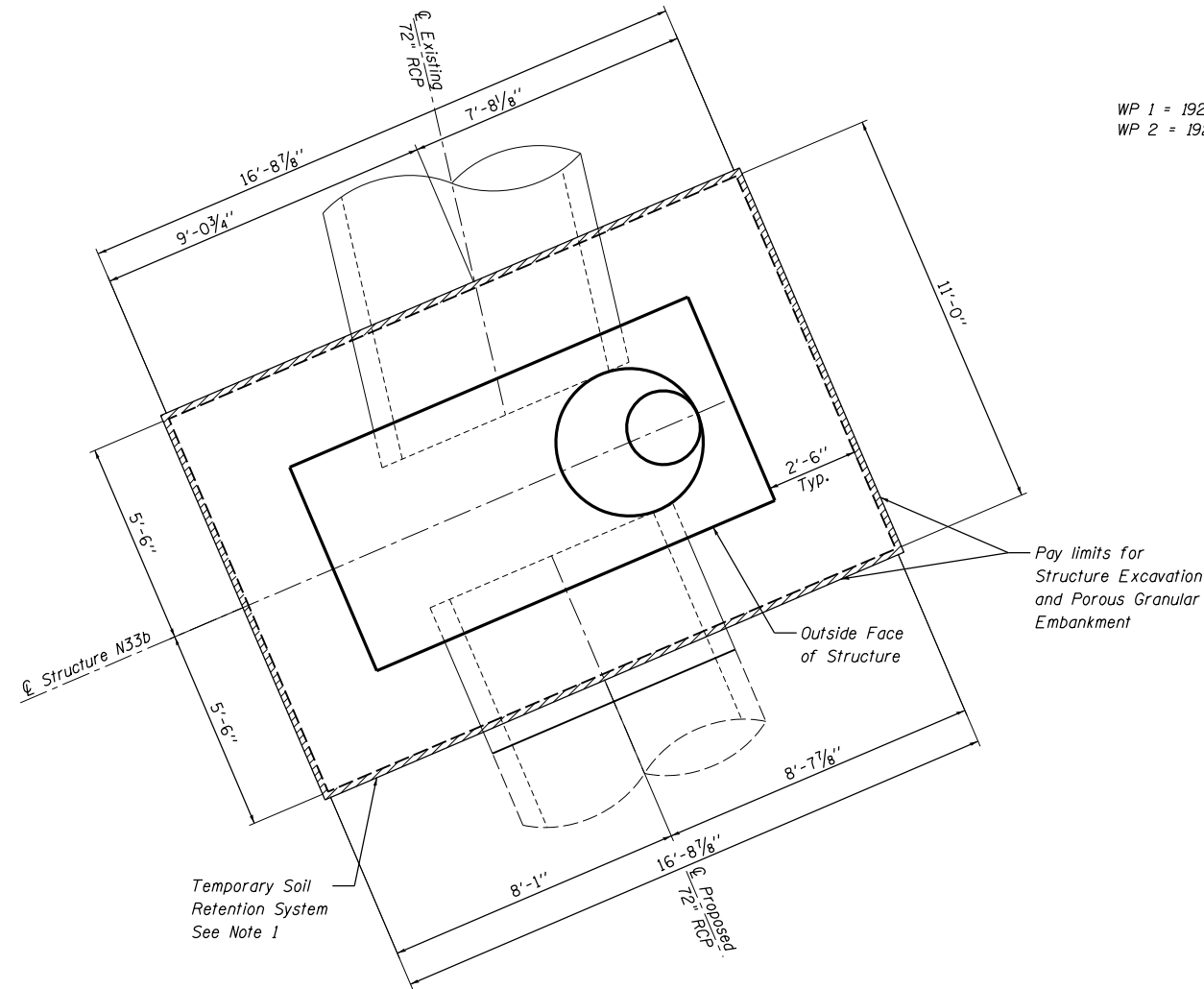
DRAINAGE DETAILS JUNCTION BOX NUMBER 4 STRUCTURE N33a			
SCALE: NTS	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1JR & 81-1HVBR)	ROCK ISLAND	1504	407
CONTRACT NO. 64C08				ILLINOIS FED. AID PROJECT

DET-49

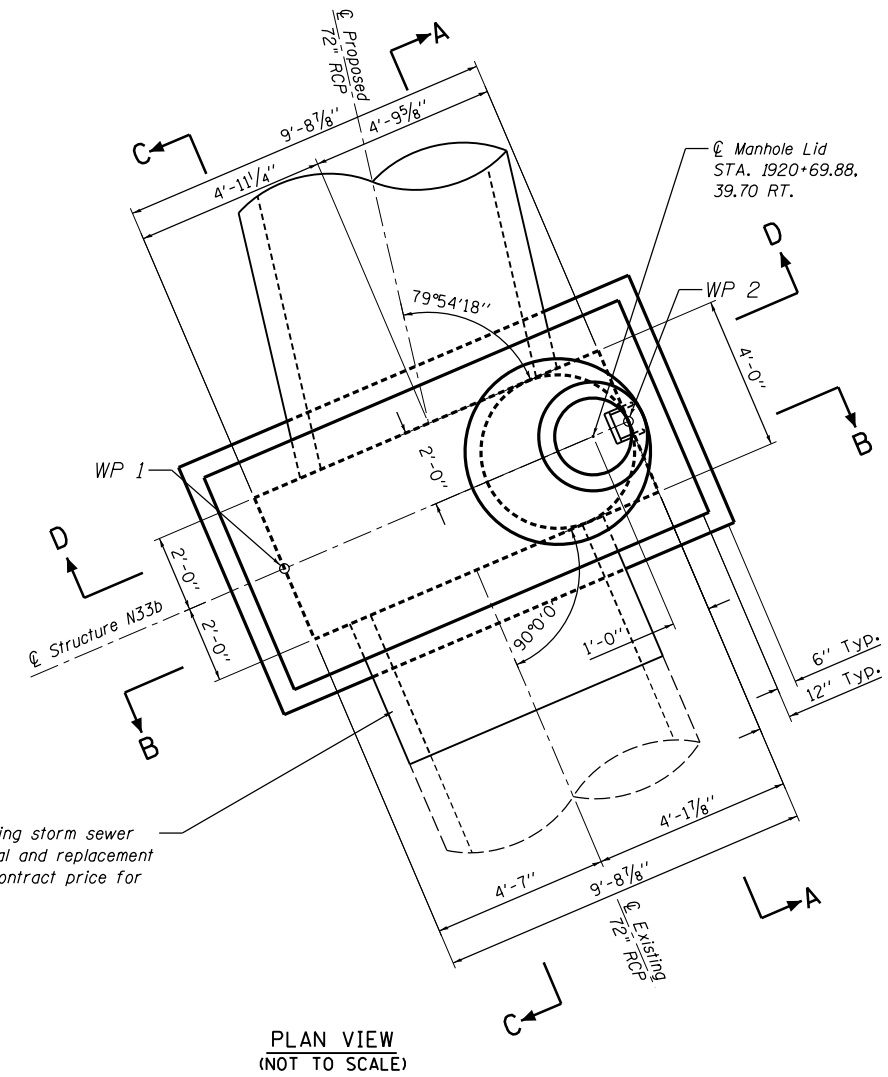


© Copyright Hanson Professional Services Inc.



TEMPORARY SOIL RETENTION SYSTEM
(NOT TO SCALE)

WP 1 = 1920+70.12, 48.44 RT.
WP 2 = 1920+69.86, 38.70 RT.



PLAN VIEW
(NOT TO SCALE)

Remove and replace existing storm sewer to first joint. Pipe removal and replacement shall be included in the contract price for Junction Box, Number 4.

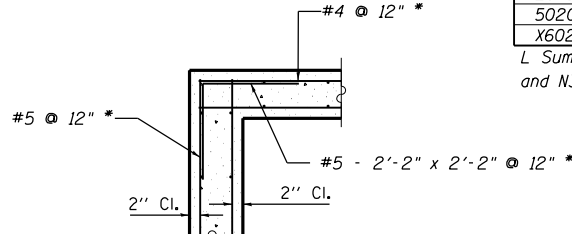
GENERAL NOTES

1. A Cantilevered Sheet Piling Design does not appear feasible and additional members or other Retention Systems may be necessary. The Contractor shall submit a Temporary Soil Retention System design including plan details and calculations signed and sealed by a Illinois Licensed Structural Engineer. Cost of temporary soil retention system shall be included in "Junction Box, Number 4".
2. Junction Box shall be constructed in accordance with the Special Provision "Junction Box, Number 4" and the Standard Specifications.
3. The Contractor is to patch all lifting insert holes and place a minimum of one (1) inch of cover over the hardware of these devices on both top and bottom surfaces
4. All existing pipe surfaces to abut new concrete shall be cleaned and roughened. (Cost shall be included in "Junction Box, Number 4").
5. It shall be at all times the responsibility of the Contractor to prevent the flow of existing storm sewer from entering the construction site.
6. The cost of the adjustment of existing pipe and connection to the proposed structure is included in the cost of "Junction Box, Number 4".
7. The Concrete Junction Box as shown in the contract plans is designed as a single unit. Should the Contractor decide to construct the Junction Box in horizontal segments, the Contractor shall submit signed and sealed calculations and plan details of the segment connections from an Illinois Licensed Structural Engineer. This work is included in the cost of "Junction Box, Number 4".
8. A Cast-In-Place alternative may be used at the Contractor's option.
9. Any pipe connections to the proposed riser shall be in accordance with Section 602 of the Standard Specifications.

BILL OF MATERIALS

Pay Item No.	Item	Unit	Total
20700220	Porous Granular Embankment	Cu. Yd.	124
50200100	Structure Excavation	Cu. Yd.	154
X6029004	Junction Box, Number 4	L Sum	1

L Sum quantity for Junction Box, Number 4 includes structure N33, N33a, and N33b.



CORNER REINFORCEMENT DETAIL
(Typ. at top slab and wall corners)

* At wall corners, #6 @ 9" with a 2'-7" x 2'-7" bent bar.

DESIGN STRESSES PRECAST UNITS

f'c = 4,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

DESIGN SPECIFICATIONS:
AASHTO LRFD Bridge Specifications, 7TH Edition

LAYOUT	10/14/2016
DRAWN	RLT
REVIEWED	JW/LMS

FILE NAME =	D2CONAB-HPS-sht-drain32M.dgn	USER NAME =	hehn01663	DESIGNED -	RLT	REVISED -	
		DRAWN -	RLT	REVISED -			
		CHECKED -	JW/LMS	REVISED -			
		DATE -	1/20/2017	REVISED -			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
JUNCTION BOX NUMBER 4
STRUCTURE N33b

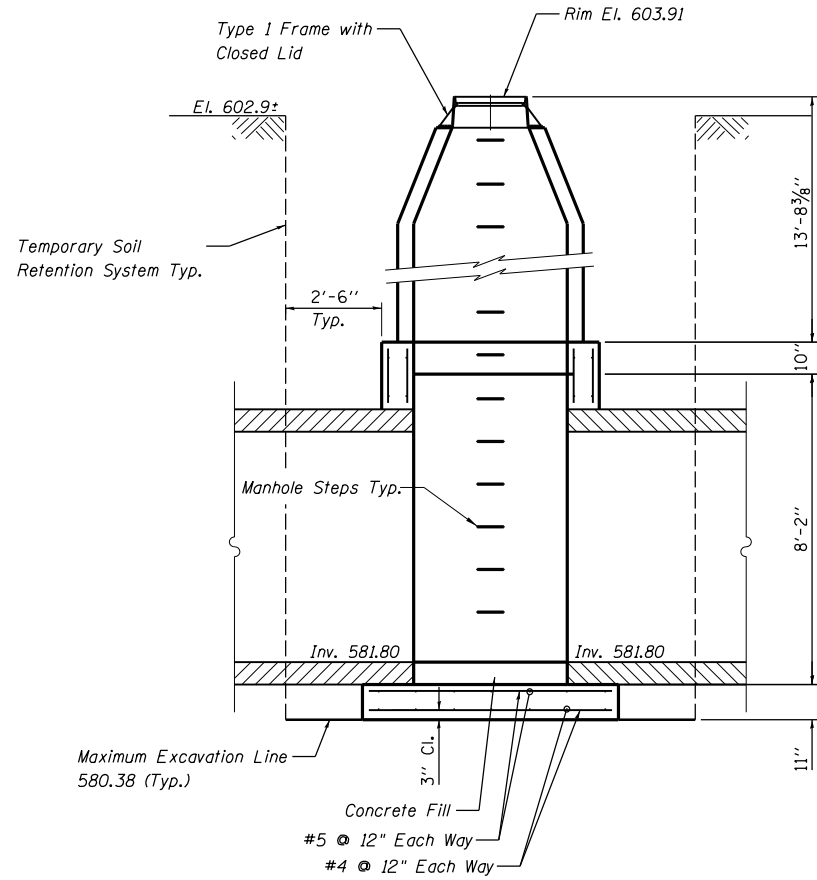
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	408
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

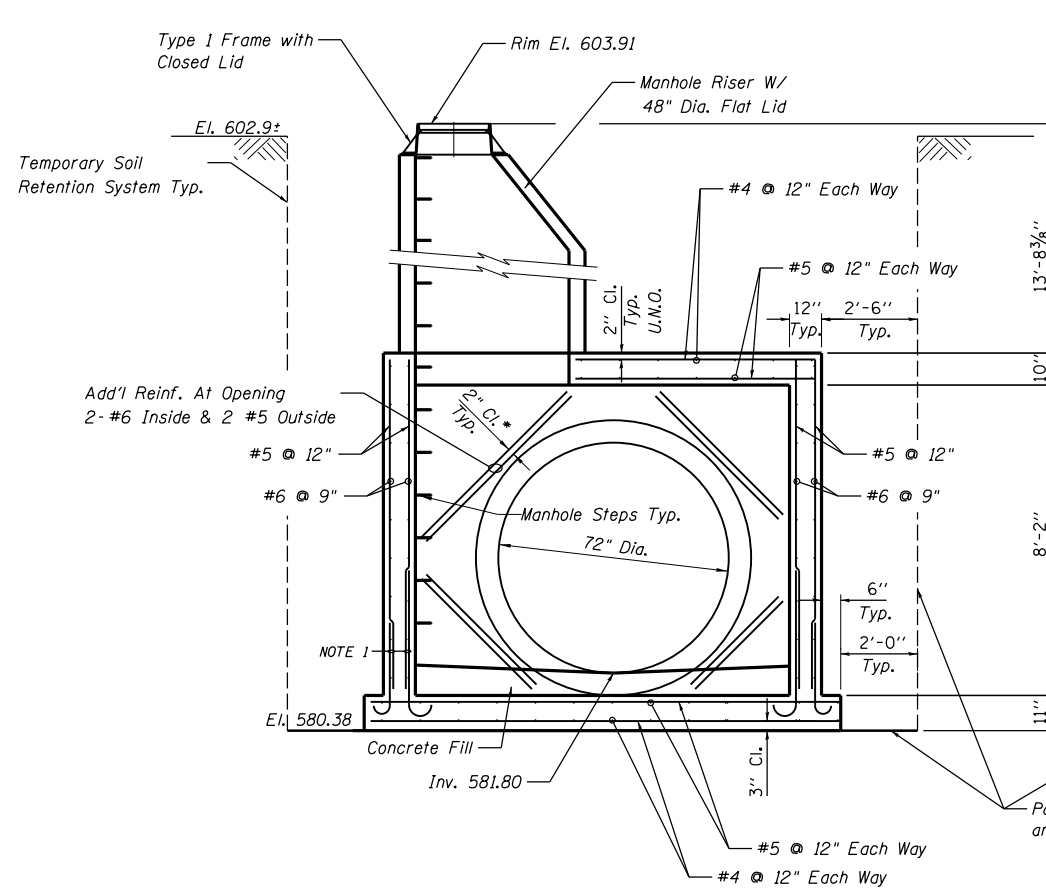
DET-50



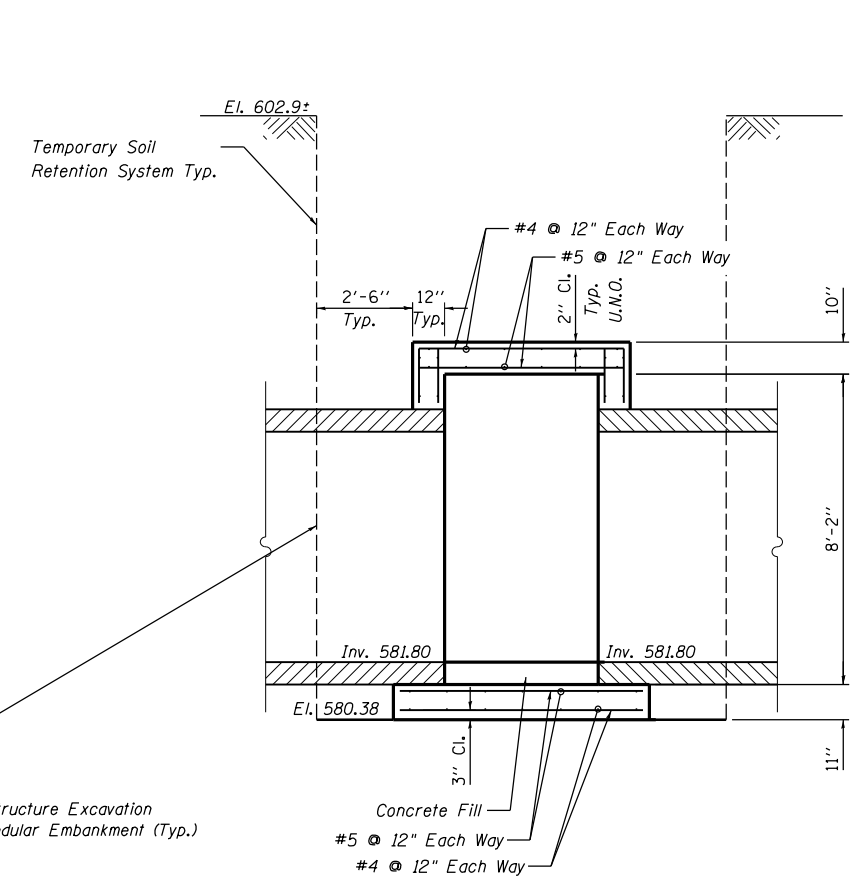
© Copyright Hanson Professional Services Inc.



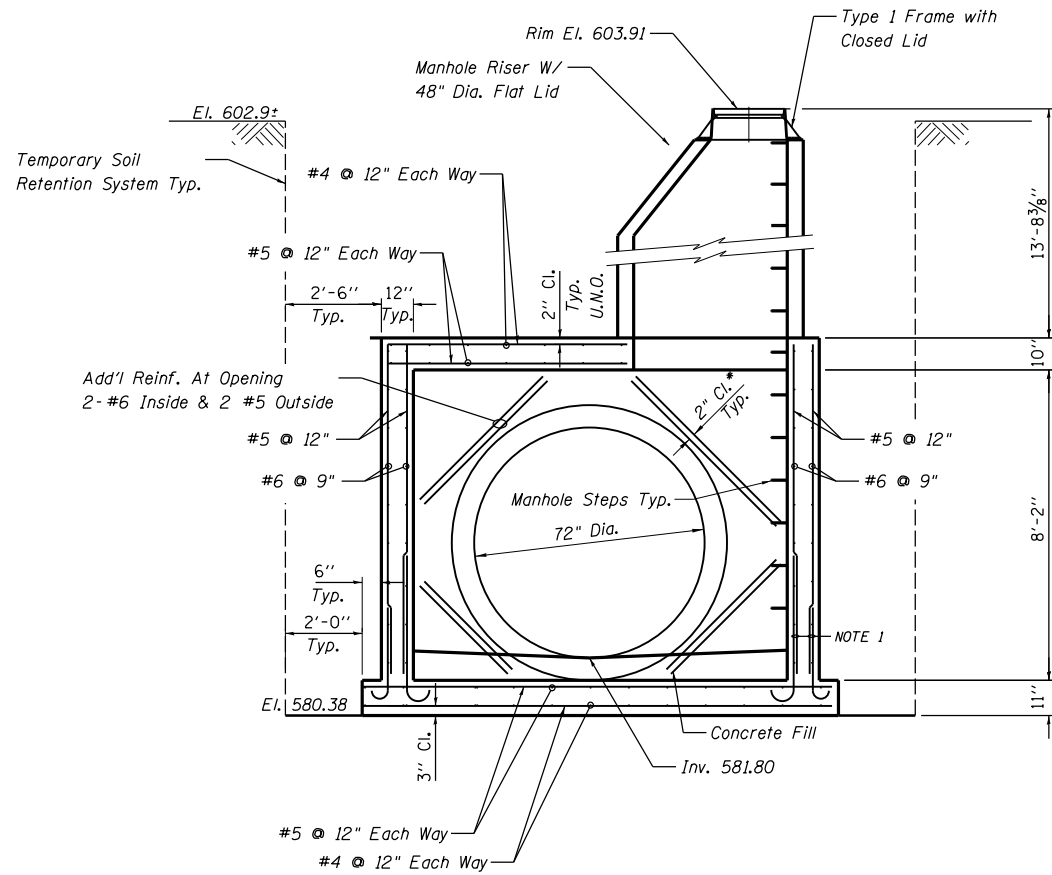
SECTION A-A



SECTION B-B

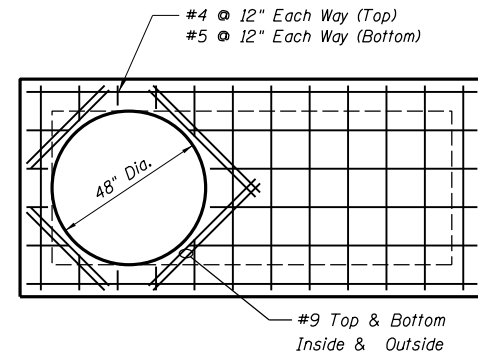


SECTION C-C

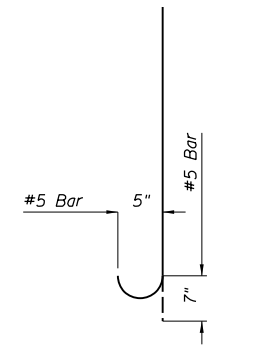


SECTION D-D

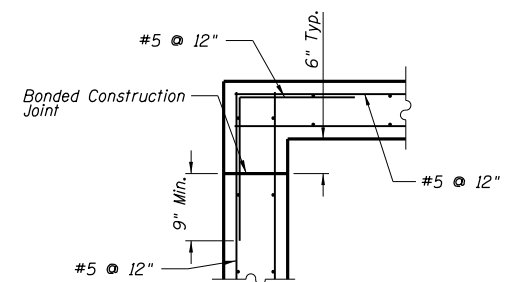
* If Precast, place rebar 2" beyond the edge of existing block out.



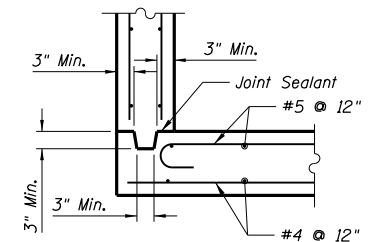
REINFORCEMENT PLAN AT TOP SLAB



BAR DETAIL
Vertical Wall Reinforcement



CORNER DETAIL FOR CAST-IN-PLACE WALLS AND TOP SLAB



CORNER DETAIL FOR CAST-IN-PLACE SLAB AND PRECAST SINGLE UNIT WALLS

NOTE 1 - Optional Bar Splices
LAP #5 2'-2"

LAYOUT	RLT	10/14/2016
DRAWN	RLT	10/20/2016
REVIEWED	JW/LMS	11/14/2016

FILE NAME = D2CONAB-HPS-sht-drain32M.dgn

USER NAME = hehr01663
DESIGNED - RLT
DRAWN - RLT
CHECKED - JW/LMS
PLOT DATE = 1/19/2017

DESIGNED - RLT
DRAWN - RLT
CHECKED - JW/LMS
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

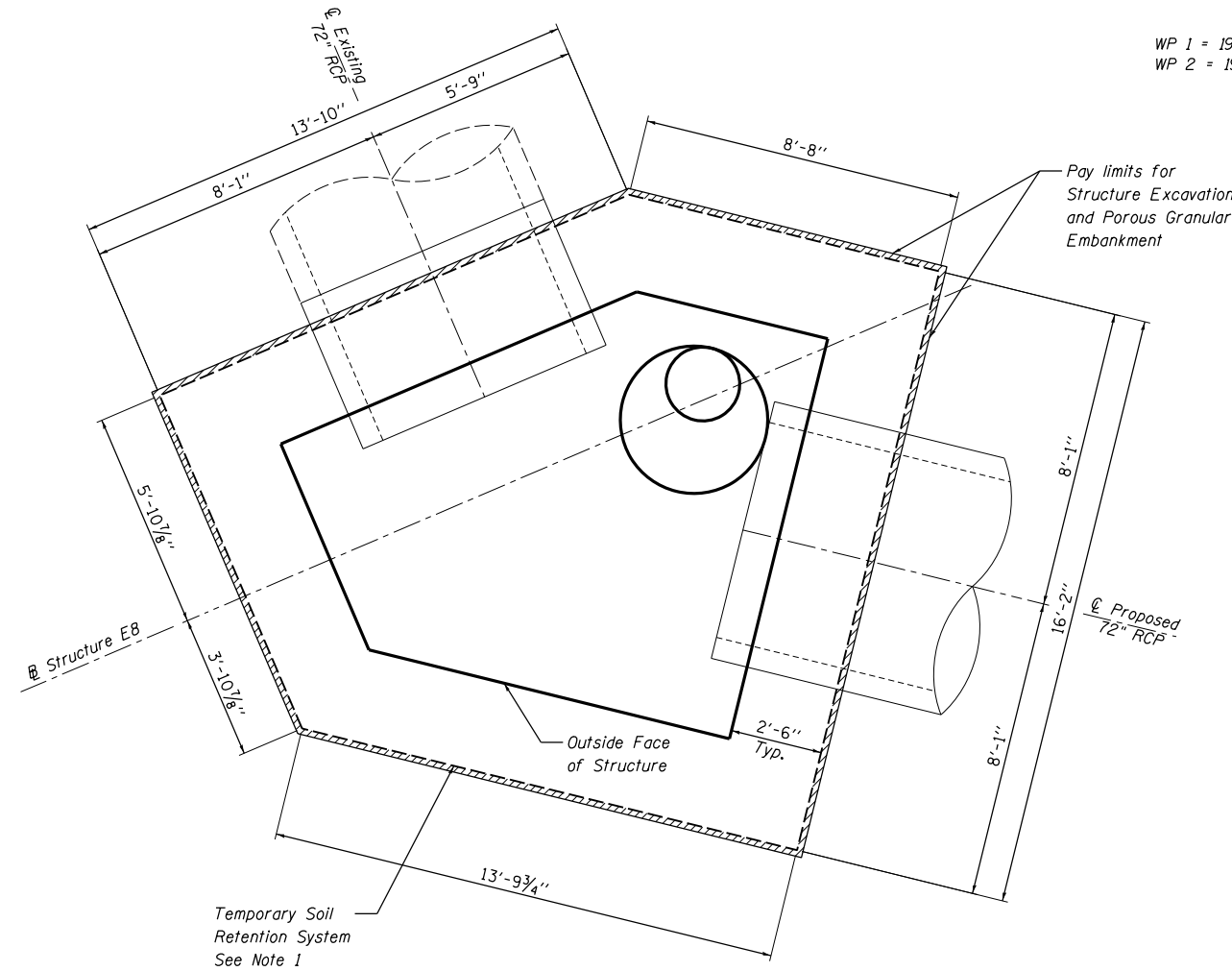
**DRAINAGE DETAILS
JUNCTION BOX NUMBER 4
STRUCTURE N33b**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	409
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

DET-51

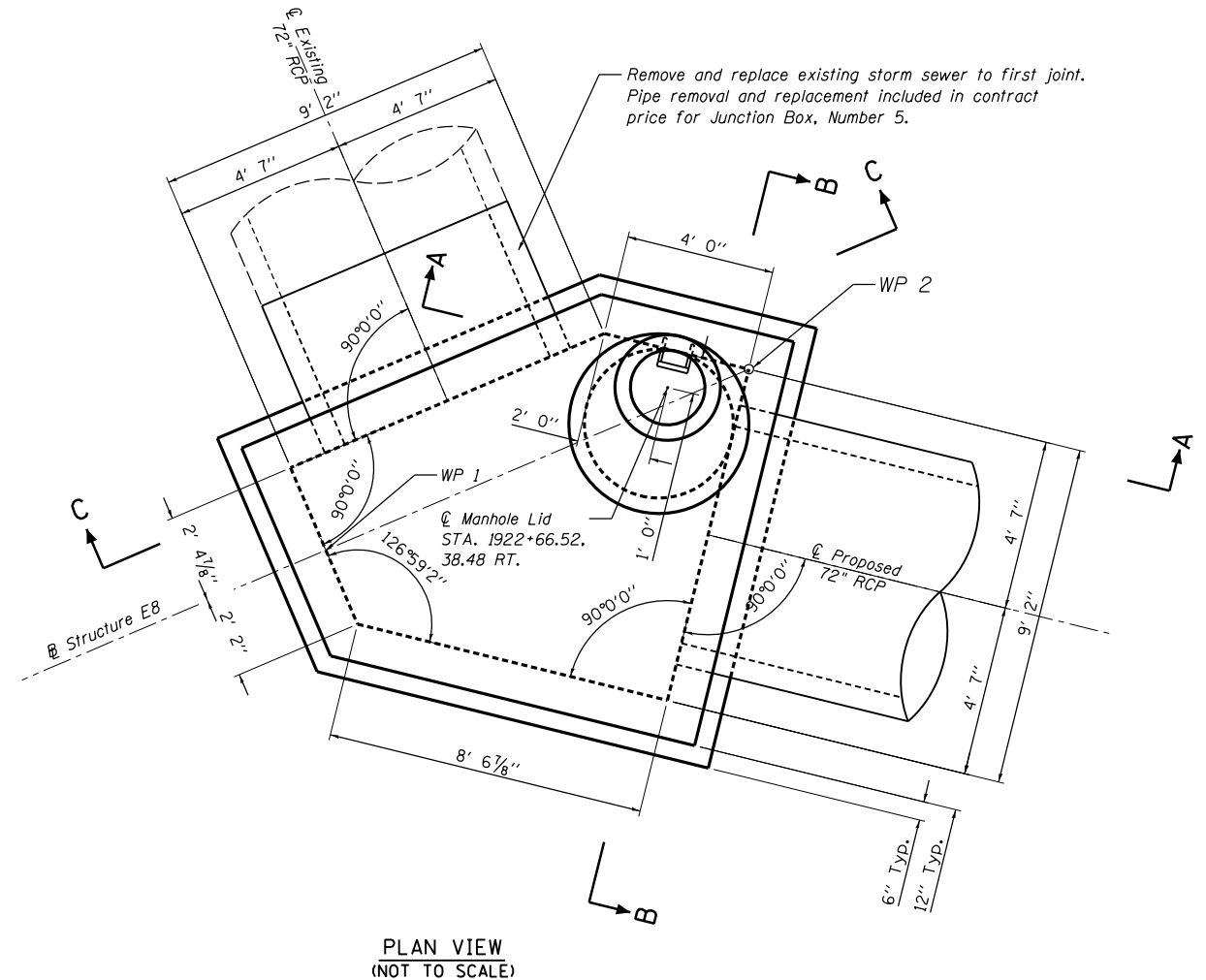


© Copyright Hanson Professional Services Inc.



TEMPORARY SOIL RETENTION SYSTEM
(NOT TO SCALE)

WP 1 = 1922+66.63, 48.65 RT.
WP 2 = 1922+66.99, 36.30 RT.



PLAN VIEW
(NOT TO SCALE)

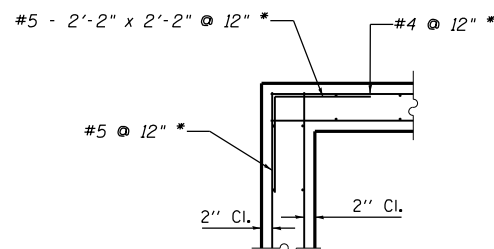
GENERAL NOTES

1. A Cantilevered Sheet Piling Design does not appear feasible and additional members or other Retention Systems may be necessary. The Contractor shall submit a Temporary Soil Retention System design including plan details and calculations signed and sealed by a Illinois Licensed Structural Engineer. Cost of temporary soil retention system shall be included in "Junction Box, Number 5".
2. Junction Box shall be constructed in accordance with the Special Provision "Junction Box, Number 5" and the Standard Specifications.
3. The Contractor is to patch all lifting insert holes and place a minimum of one (1) inch of cover over the hardware of these devices on both top and bottom surfaces
4. All existing pipe surfaces to abut new concrete shall be cleaned and roughened. (Cost shall be included in "Junction Box, Number 5").
5. It shall be at all times the responsibility of the Contractor to prevent the flow of existing storm sewer from entering the construction site.
6. The cost of the adjustment of existing pipe and connection to the proposed structure is included in the cost of "Junction Box, Number 5".
7. The Concrete Junction Box as shown in the contract plans is designed as a single unit. Should the Contractor decide to construct the Junction Box in horizontal segments, the Contractor shall submit signed and sealed calculations and plan details of the segment connections from an Illinois Licensed Structural Engineer. This work is included in the cost of "Junction Box, Number 5".
8. A Cast-In-Place alternative may be used at the Contractor's option.
9. Any pipe connections to the proposed riser shall be in accordance with Section 602 of the Standard Specifications.

BILL OF MATERIALS

Pay Item No.	Item	Unit	Total
20700220	Porous Granular Embankment	Cu. Yd.	210
50200100	Structure Excavation	Cu. Yd.	224
X6029005	Junction Box, Number 5	L Sum	1

L Sum quantity for Junction Box, Number 5 includes structure E8 and N36.



CORNER REINFORCEMENT DETAIL

(Typ. at top slab and wall corners)

* At wall corners, #6 @ 9" with a 2'-7" x 2'-7" bent bar.

**DESIGN STRESSES
PRECAST UNITS**

$f'_c = 4,500 \text{ psi}$
 $f_y = 60,000 \text{ psi (Reinforcement)}$
 $f_y = 50,000 \text{ psi (M270 Grade 50)}$

DESIGN SPECIFICATIONS:

AASHTO LRFD Bridge Specifications,
7TH Addition

LAYOUT	10/14/2016
DRAWN	10/20/2016
REVIEWED	11/17/2016

FILE NAME = D2CONAB-HP5-sht-drain33M.dgn

USER NAME = hehn01663
DESIGNED - RLT
DRAWN - RLT
CHECKED - JJW/LMS
PLOT DATE = 1/19/2017

DESIGNED - RLT
DRAWN - RLT
CHECKED - JJW/LMS
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

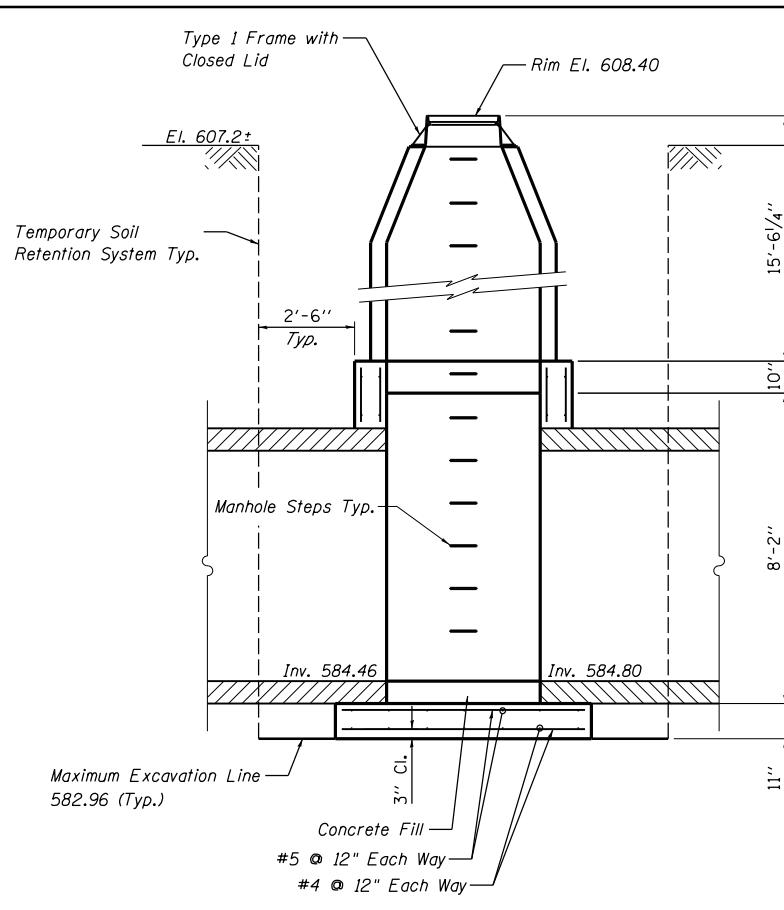
**DRAINAGE DETAILS
JUNCTION BOX, NUMBER 5
STRUCTURE E8**
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	410
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C08	

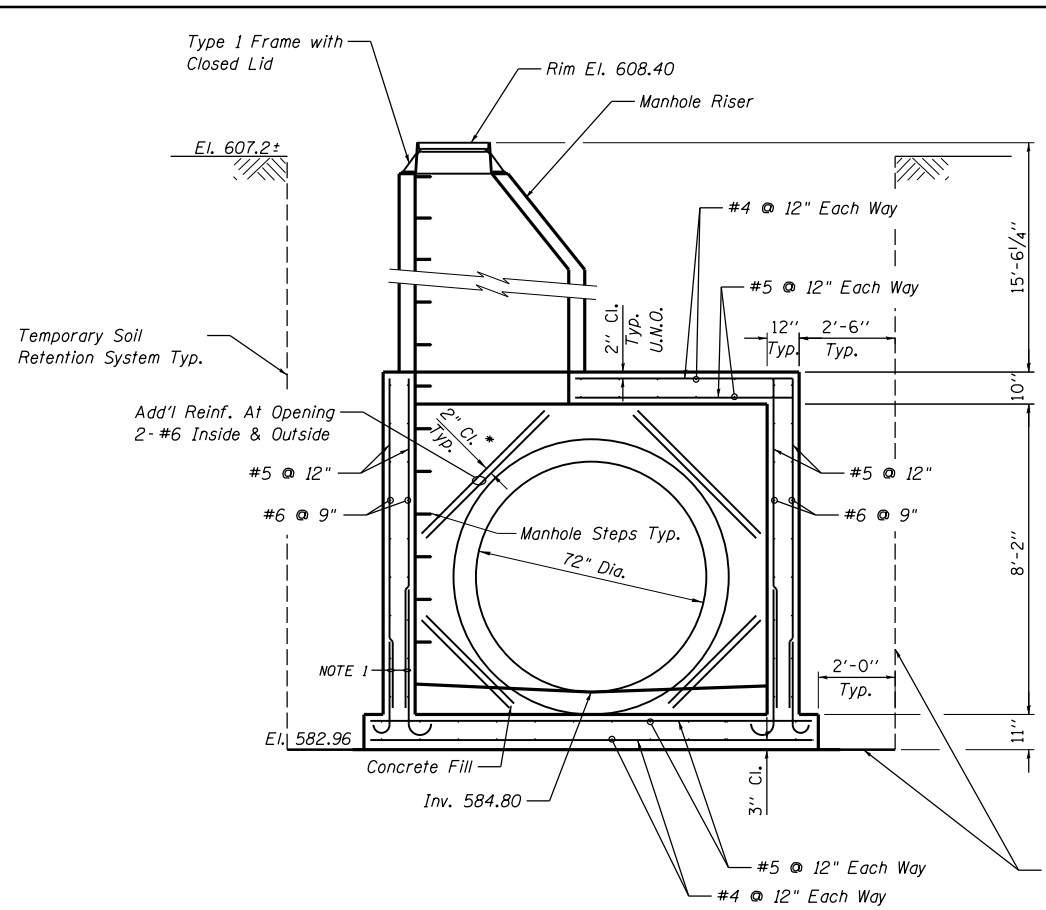
DET-52



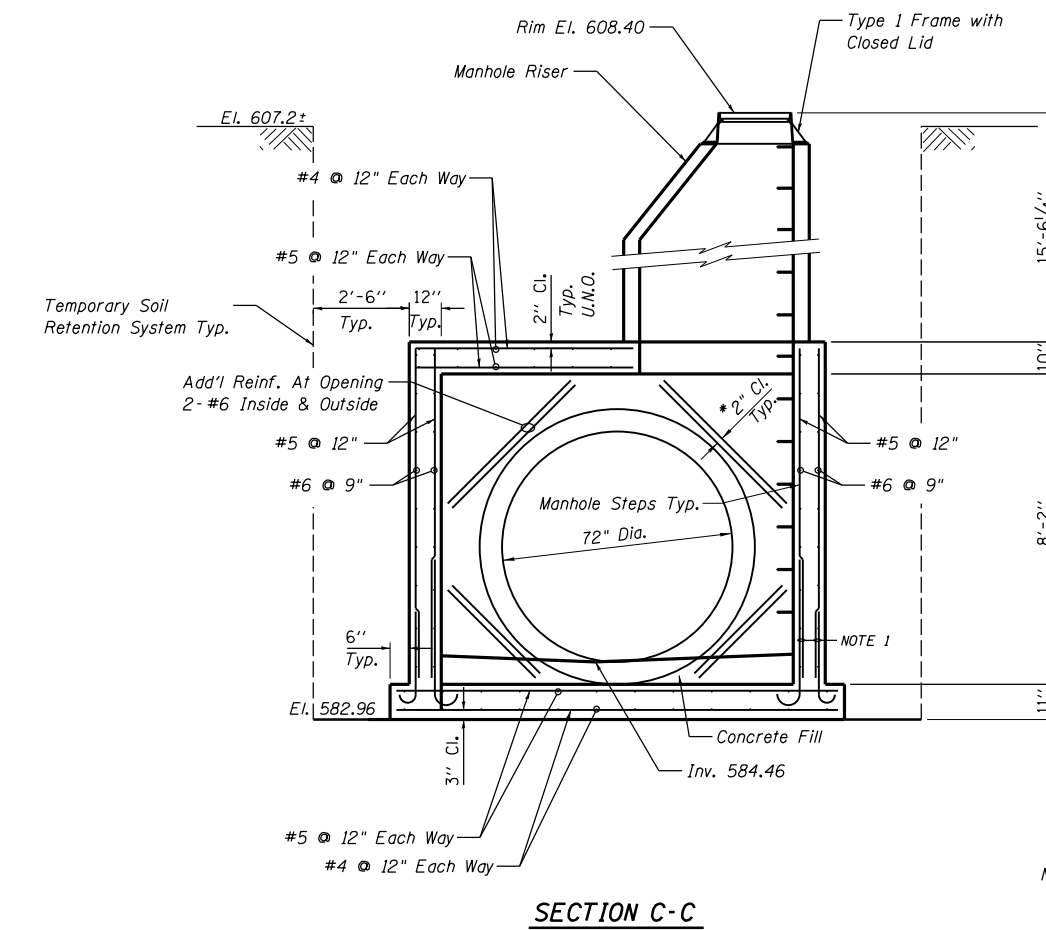
© Copyright Hanson Professional Services Inc.



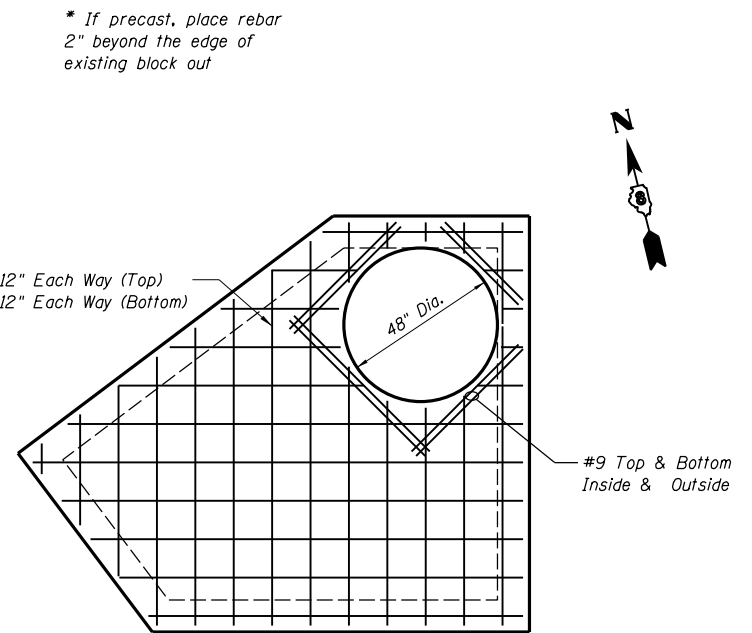
SECTION A-A



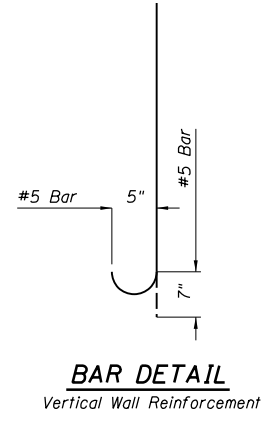
SECTION B-B



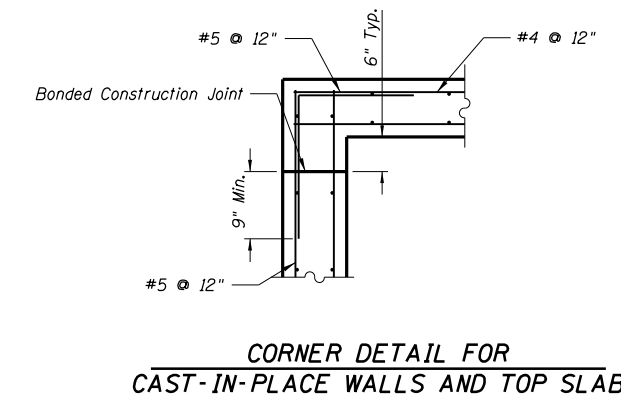
SECTION C-C



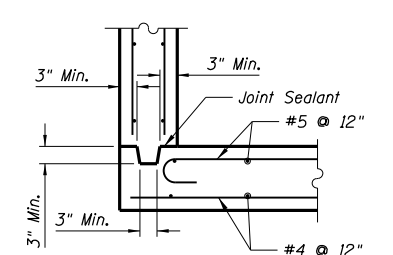
REINFORCEMENT PLAN AT TOP SLAB



BAR DETAIL
Vertical Wall Reinforcement



CORNER DETAIL FOR CAST-IN-PLACE WALLS AND TOP SLAB



CORNER DETAIL FOR CAST-IN-PLACE SLAB AND PRECAST SINGLE UNIT WALLS

NOTE 1 - Optional Bar Splices
LAP #5 2'-2"

LAYOUT	RLT	10/14/2016
DRAWN	RLT	10/20/2016
REVIEWED	JW/LMS	11/14/2016

FILE NAME = D2CONAB-HPS-sht-drain33M.dgn

USER NAME = hehr01663	DESIGNED - RLT	REVISED -
PLOT SCALE = NTS	DRAWN - RLT	REVISED -
PLOT DATE = 1/19/2017	CHECKED - JW/LMS	REVISED -
	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS
JUNCTION BOX, NUMBER 5
STRUCTURE E8**

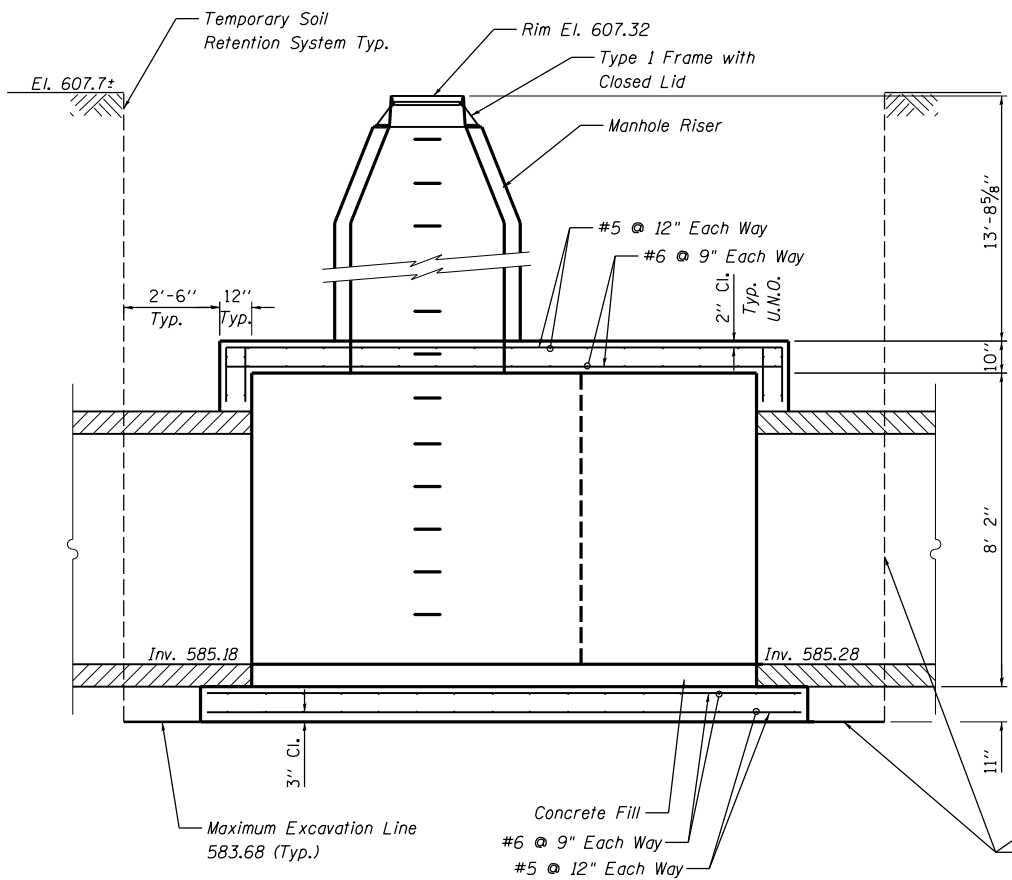
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	411
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C08	

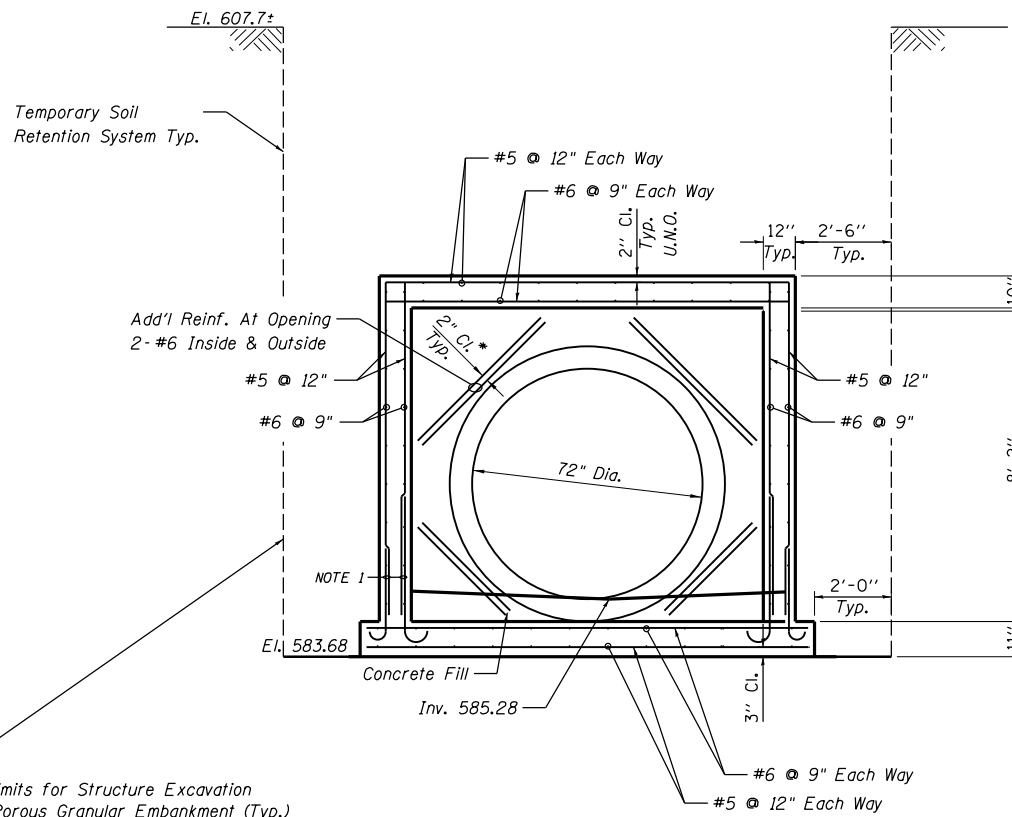
DET-53



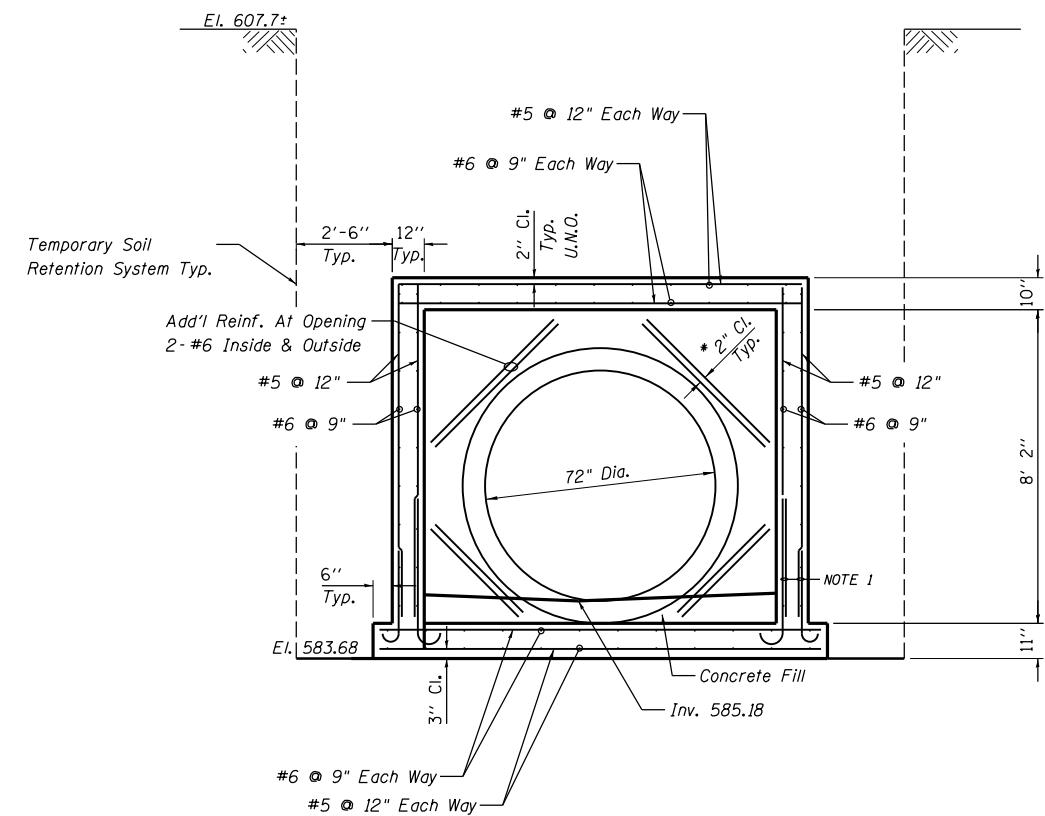
© Copyright Hanson Professional Services Inc.



SECTION A-A

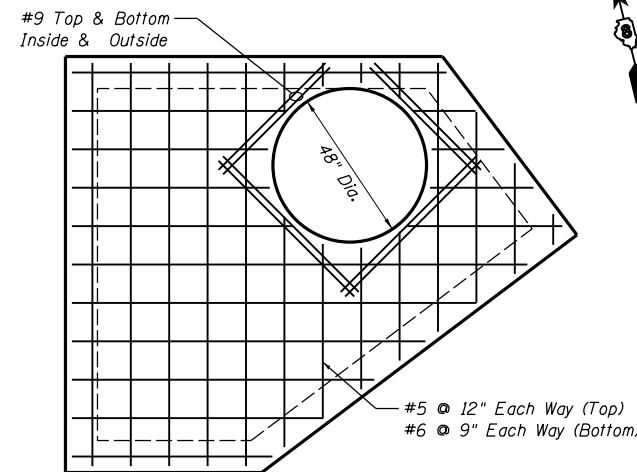


SECTION B-B

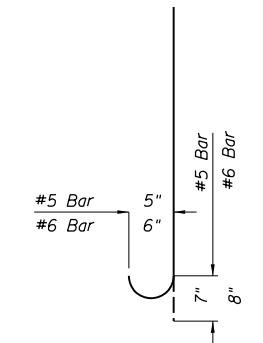


SECTION C-C

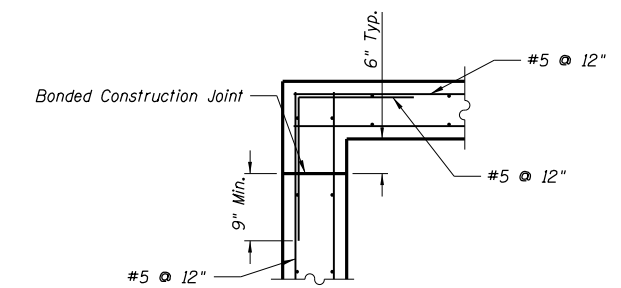
* If precast, place rebar 2" beyond the edge of existing breakout



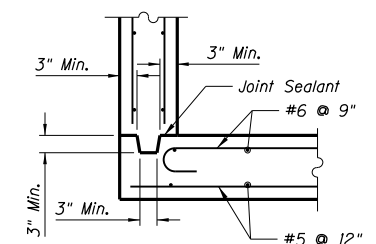
REINFORCEMENT PLAN AT TOP SLAB



BAR DETAIL
Vertical Wall Reinforcement



CORNER DETAIL FOR CAST-IN-PLACE WALLS AND TOP SLAB



CORNER DETAIL FOR CAST-IN-PLACE SLAB AND PRECAST SINGLE UNIT WALLS

NOTE 1 - Optional Bar Splices
LAP #5 2'-2"

LAYOUT	RLT	10/14/2016
DRAWN	RLT	10/20/2016
REVIEWED	JW/LMS	11/14/2016

FILE NAME = D2CONAB-HPS-sht-drain34M.dgn

USER NAME = hehrn01663
DESIGNED - RLT
DRAWN - RLT
PLOT SCALE = NTS
PLOT DATE = 1/19/2017

DESIGNED - RLT
DRAWN - RLT
CHECKED - JW/LMS
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

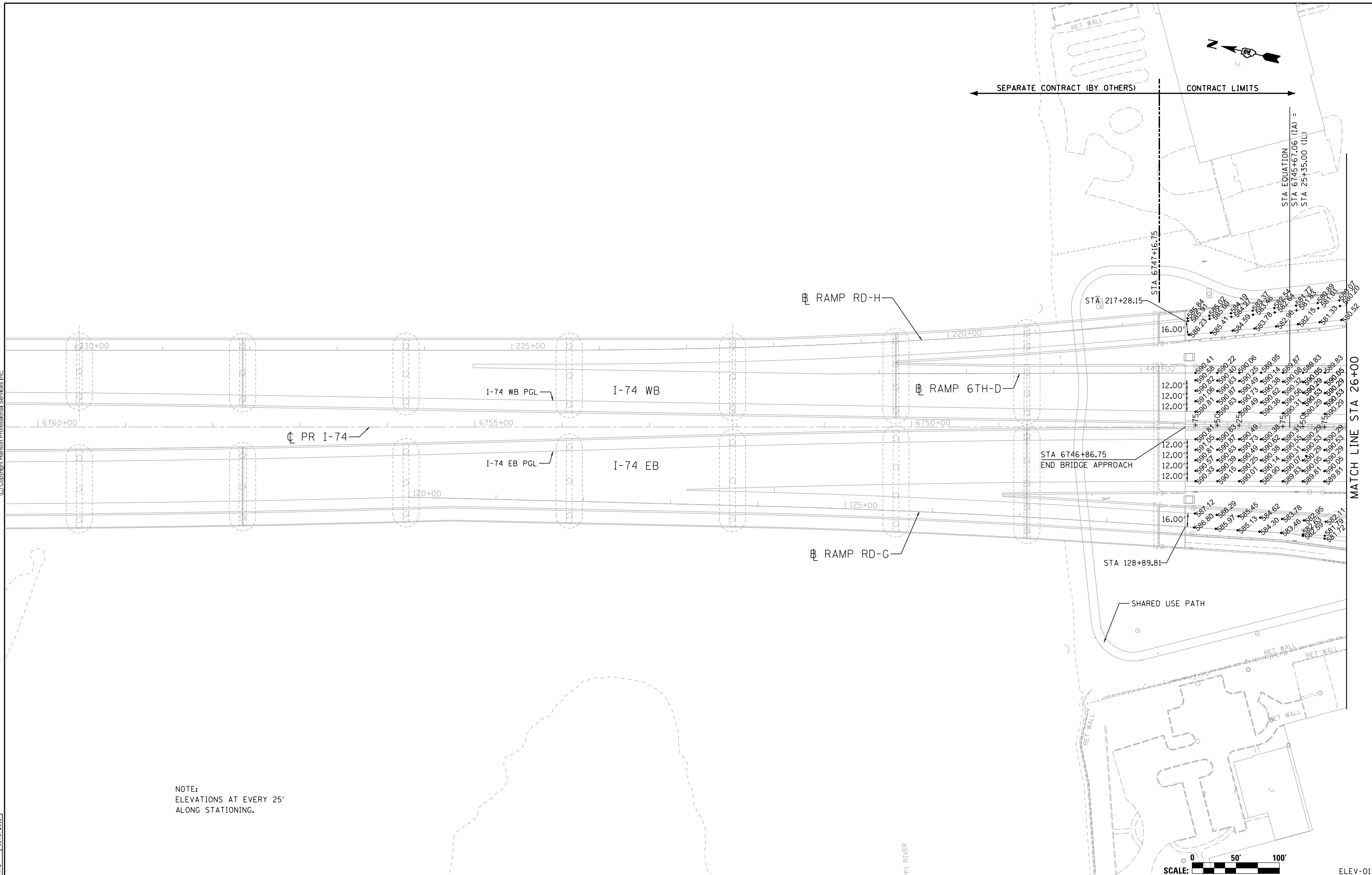
**DRAINAGE DETAILS
JUNCTION BOX NUMBER 5
STRUCTURE N36**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504	413
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C08	

DET-55



© Copyright Hanson Professional Services Inc.



NOTE:
ELEVATIONS AT EVERY 25'
ALONG STATIONING.

LAYOUT	RLT	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME = D2CONAB-HP5-sht-elev010M.dgn

USER NAME = hehm01663
DESIGNED - RLT
DRAWN - CBP
CHECKED - KAS
PLOT DATE = 1/19/2017

DESIGNED - RLT
DRAWN - CBP
CHECKED - KAS
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION PLANS
I-74 MAINLINE**

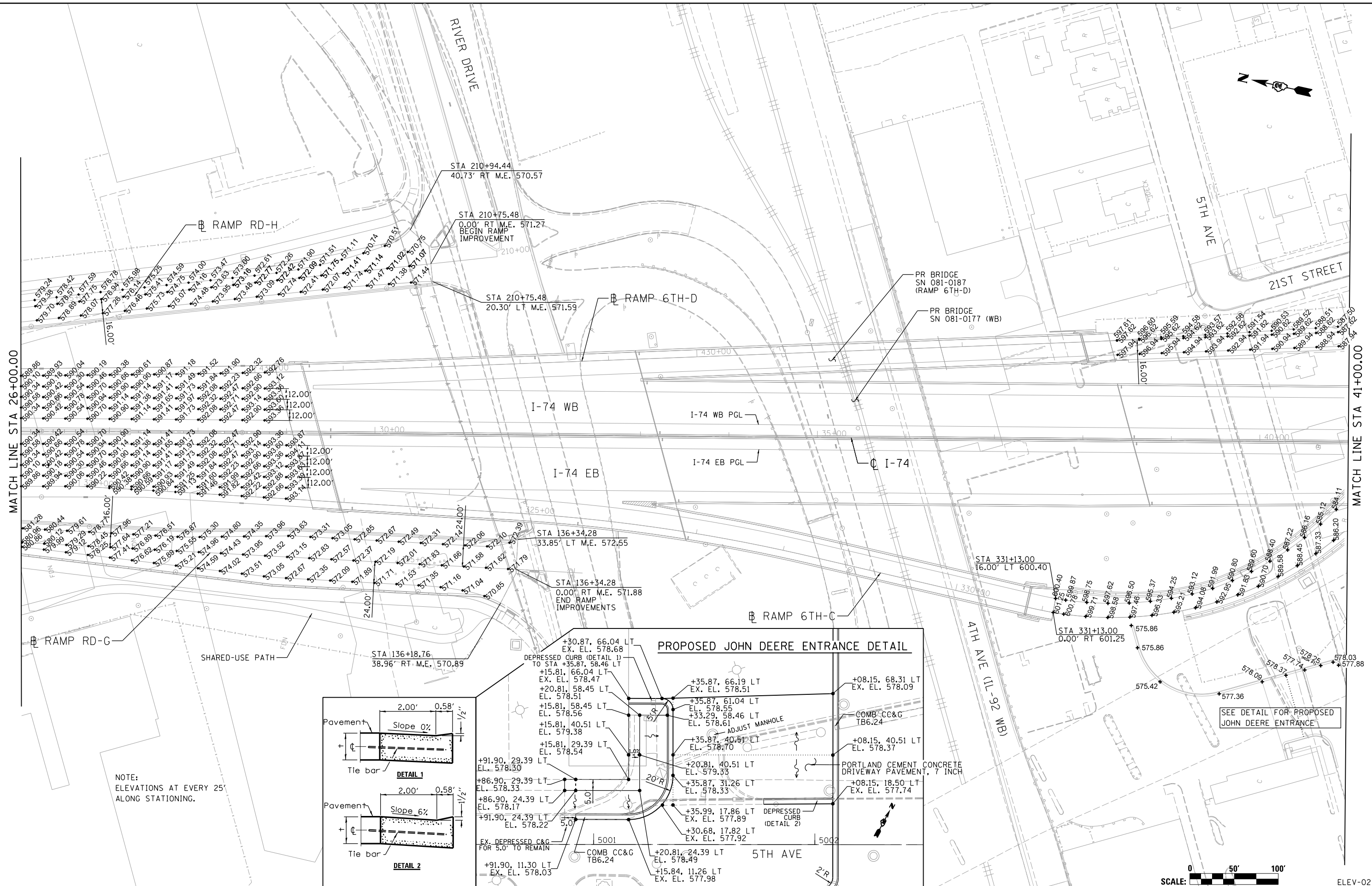
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 6760+00 TO STA. 26+00



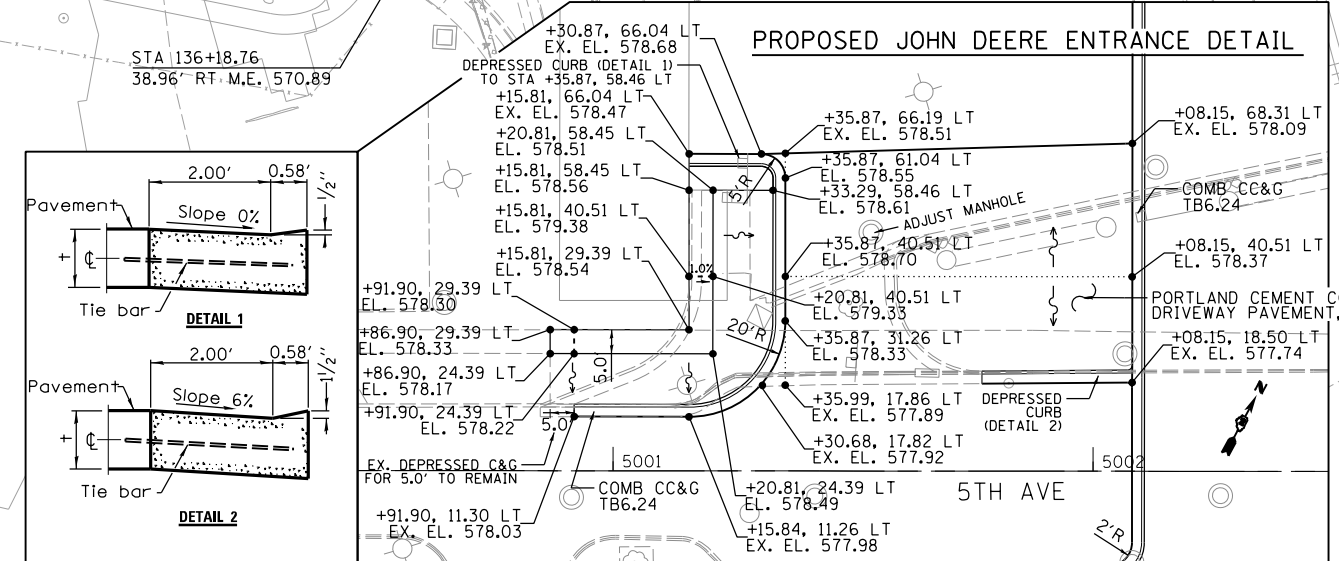
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	414
CONTRACT NO. 64C08			ELEV-01	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services Inc.



NOTE:
ELEVATIONS AT EVERY 25'
ALONG STATIONING.



LAYOUT	10/6/2014
DRAWN	10/6/2014
REVIEWED	10/6/2015
RLT	
CBP	
KAS	

FILE NAME = D2CONAB-HPS-sht-elev011M.dgn

USER NAME = hehm01663

PLOT SCALE = 1" = 50'

PLOT DATE = 1/19/2017

DESIGNED - RLT

DRAWN - CBP

CHECKED - KAS

DATE - 1/20/2017

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION PLANS
I-74 MAINLINE**

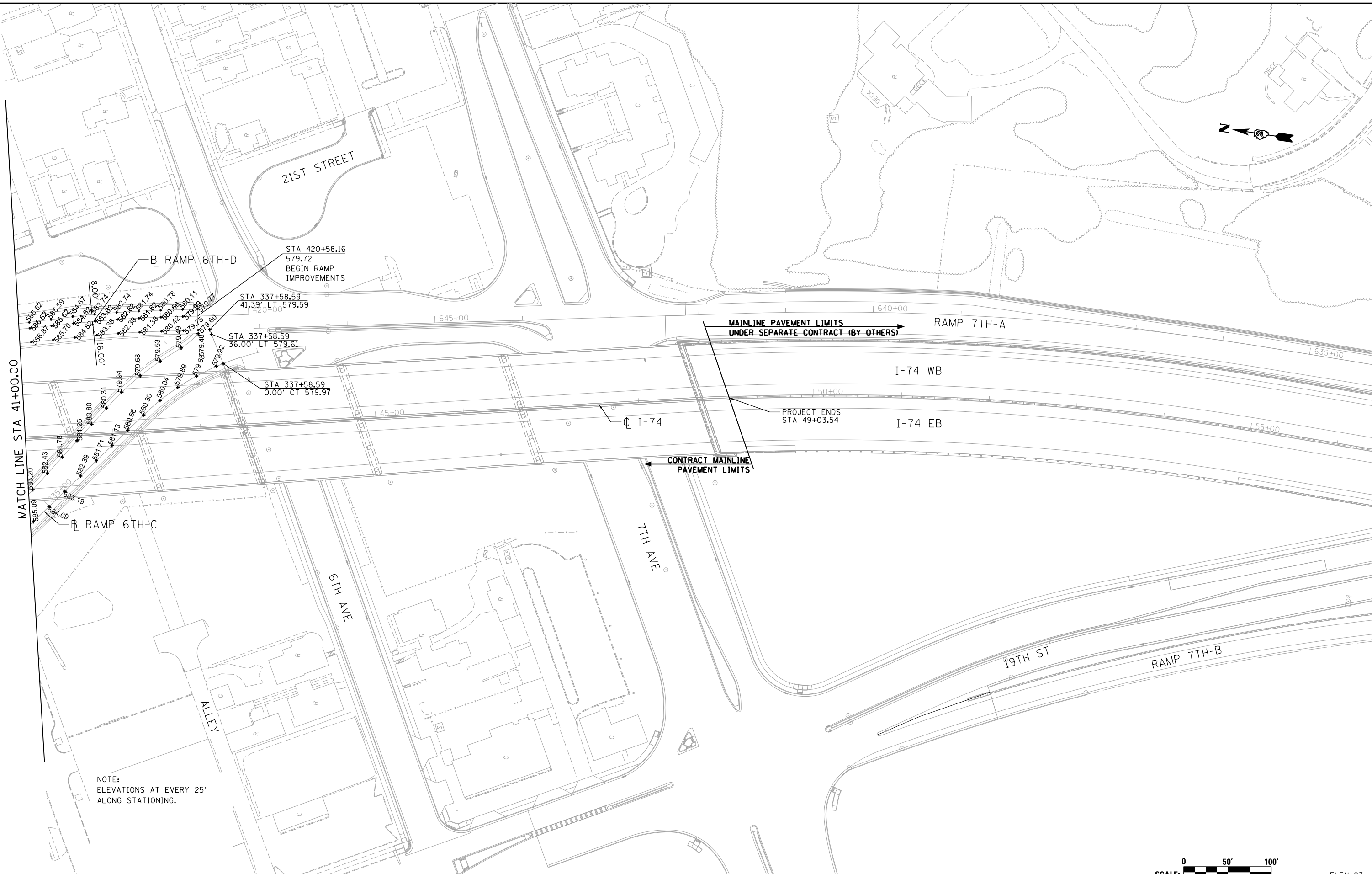
SCALE: 1" = 50'

SHEET NO. OF SHEETS STA. 26+00 TO STA. 41+00

SCALE: 0 50' 100'		ELEV-02	
F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1R) & 81-IHVBR	ROCK ISLAND	1504
CONTRACT NO. 64C08			SHEET NO. 415
ILLINOIS FED. AID PROJECT			



© Copyright Hanson Professional Services Inc.



MATCH LINE STA 41+00.00

NOTE:
ELEVATIONS AT EVERY 25'
ALONG STATIONING.

LAYOUT	RLT	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME =
D2CONAB-HP5-shs-elev012M.dgn

USER NAME = hehm01663

PLOT SCALE = 1" = 50'

PLOT DATE = 1/19/2017

DESIGNED - RLT

DRAWN - CBP

CHECKED - KAS

DATE - 1/20/2017

REVISED -

REVISED -

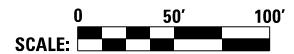
REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION PLANS
I-74 MAINLINE**

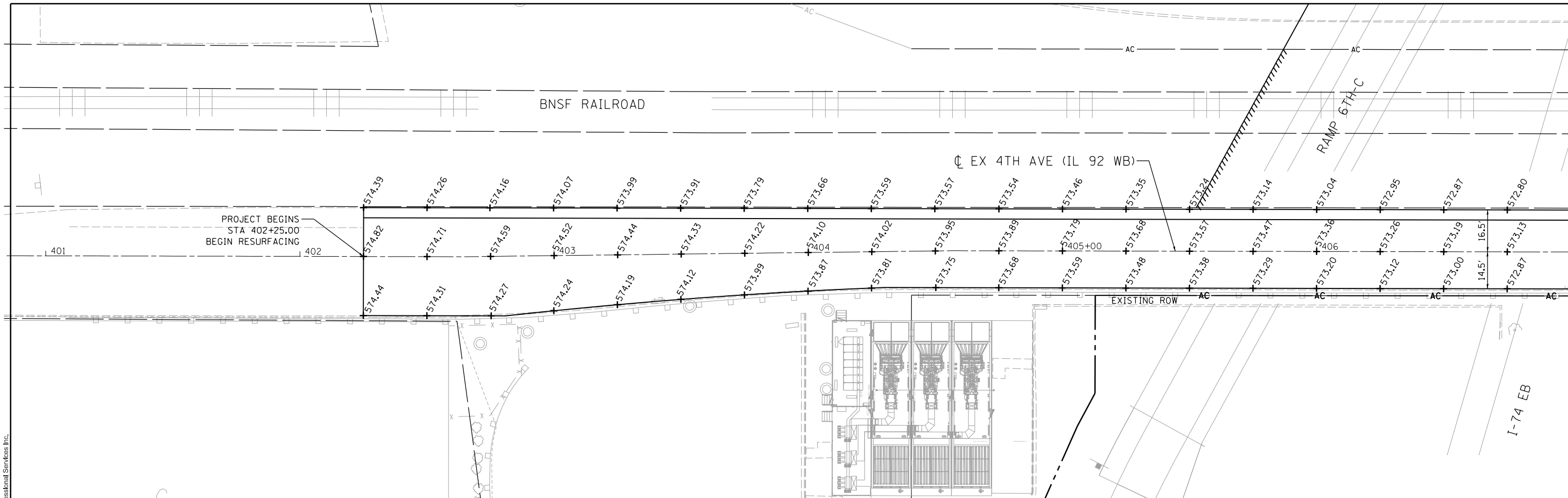
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 41+00 TO STA. 56+00



SCALE:		ELEV-03	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504
CONTRACT NO. 64C08			SHEET NO. 416
ILLINOIS FED. AID PROJECT			



© Copyright Hanson Professional Services, Inc.



NOTE:
ELEVATIONS PROVIDED
AT 25' INCREMENTS

LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	1/22/2016

FILE NAME =	D2CONAB-HP5-sht-elev1LL.dgn
USER NAME =	hefn01663
DESIGNED -	CBP
DRAWN -	CBP
CHECKED -	KAS
DATE -	1/20/2017

DESIGNED -	CBP	REVISED -	
DRAWN -	CBP	REVISED -	
CHECKED -	KAS	REVISED -	
DATE -	1/20/2017	REVISED -	

DESIGNED -	CBP	REVISED -	
DRAWN -	CBP	REVISED -	
CHECKED -	KAS	REVISED -	
DATE -	1/20/2017	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION PLANS
4TH AVENUE**

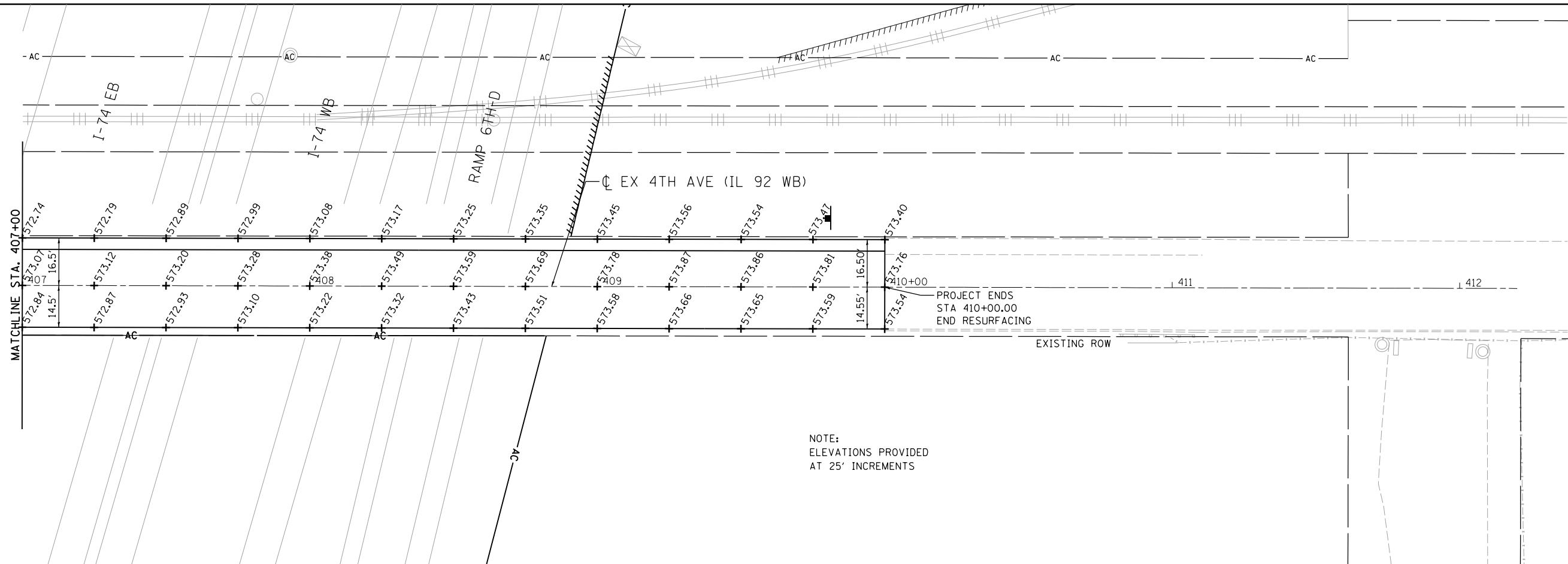
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 401+00 TO STA. 407+00



SCALE: 0 20' 40'		ELEV-04	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504
CONTRACT NO. 64C08			SHEET NO. 417
ILLINOIS FED. AID PROJECT			



© Copyright Hanson Professional Services, Inc.



NOTE:
ELEVATIONS PROVIDED
AT 25' INCREMENTS

LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME =	D2CONAB-HP5-sht-elev12L.dgn
-------------	-----------------------------

USER NAME =	hehn01663
PLOT SCALE =	1" = 20'
PLOT DATE =	1/19/2017

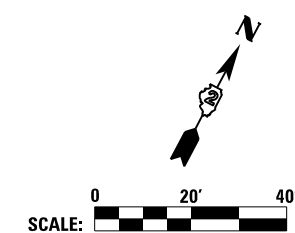
DESIGNED -	CBP
DRAWN -	CBP
CHECKED -	KAS
DATE -	1/20/2017

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION PLANS
4TH AVENUE**

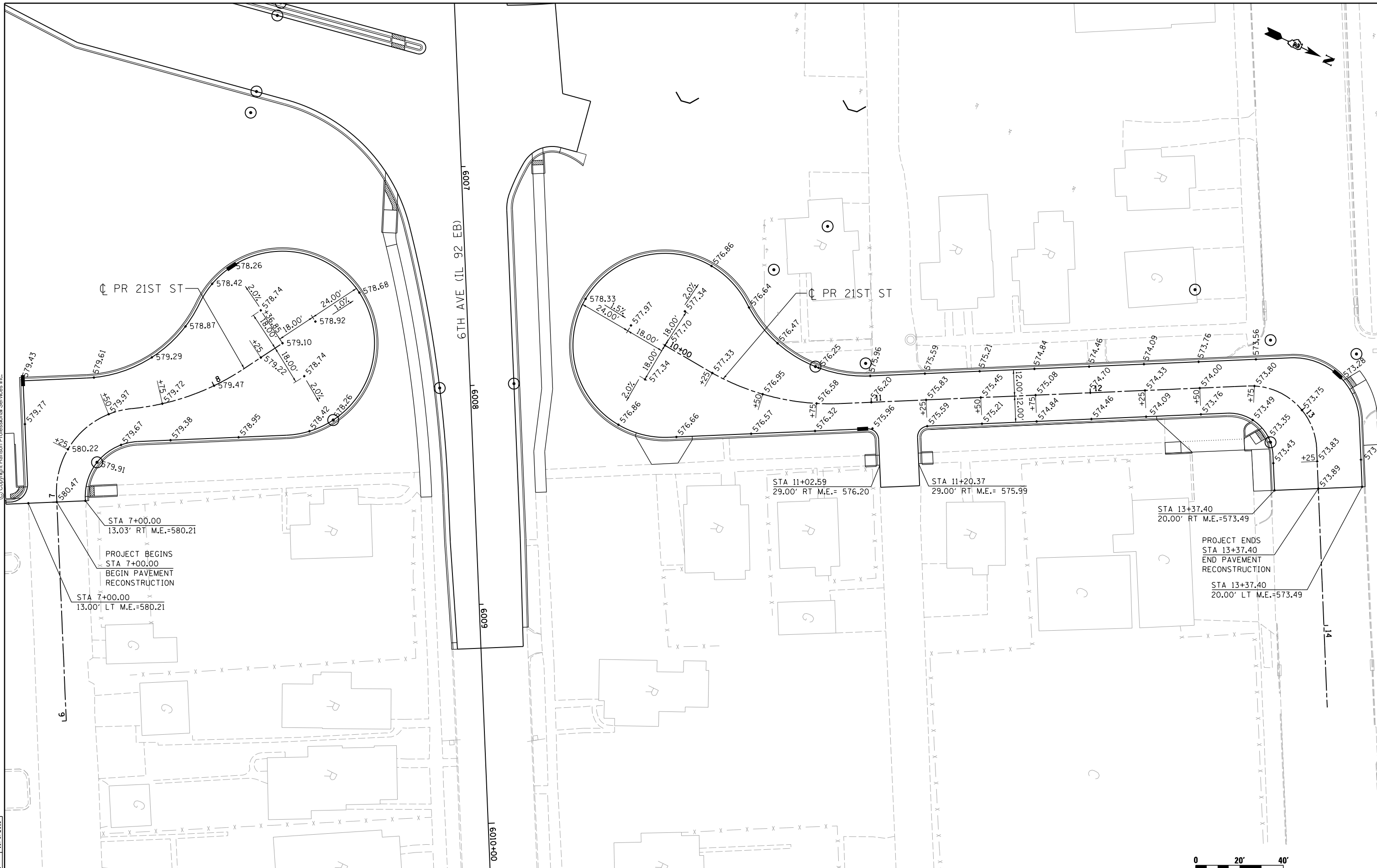
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 407+00 TO STA. 412+00



SCALE:		ELEV-05	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504
			SHEET NO.
			418
			CONTRACT NO. 64C08
ILLINOIS FED. AID PROJECT			



© Copyright Hanson Professional Services, Inc.



LAYOUT	RLT	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME = D2CONAB-HP5-sht-elev005L.dgn
 USER NAME = hehm01663

DESIGNED - RLT
 DRAWN - CBP
 CHECKED - KAS
 PLOT DATE = 1/19/2017

REVISI -
 REVISI -
 REVISI -
 REVISI -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION PLANS
 21ST STREET**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	419
CONTRACT NO. 64C08			ELEV-06	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services, Inc.

S

C

C

G

R

R

R

19TH ST SB

19TH ST NB

6TH AVE (IL 92 EB)

STA 6000+29.00
36.00' LT
M.E. 583.19

STA 6000+29.00
0.00' LT
M.E. 583.69

STA 6000+29.00
42.12' RT
M.E. 583.90

+583.03	+582.80	+582.58	+582.35	+582.13	+581.91	+581.68	+581.46	+581.23	+581.01	+580.82	+580.69	+580.61	+580.60
+583.27	+583.04	+582.82	+582.59	+582.37	+582.15	+581.92	+581.70	+581.47	+581.25	+581.06	+580.93	+580.85	+580.84
+583.51	+583.28	+583.06	+582.83	+582.61	+582.39	+582.16	+581.94	+581.71	+581.49	+581.30	+581.17	+581.09	+581.08
+583.37	+583.04	+582.82	+582.59	+582.37	+582.15	+581.92	+581.70	+581.47	+581.25	+581.06	+580.93	+580.85	+580.84

NOTE:
ELEVATIONS AT EVERY 25'
ALONG STATIONING.



MATCHLINE STA. 6004+00

LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME = D2CONAB-HP5-sht-elev21L.dgn
 USER NAME = hehm01663
 PLOT SCALE = 1" = 20'
 PLOT DATE = 1/19/2017

DESIGNED - CBP	REVIS	-
DRAWN - CBP	REVIS	-
CHECKED - KAS	REVIS	-
DATE - 1/20/2017	REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT ELEVATION PLANS
6TH AVENUE

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

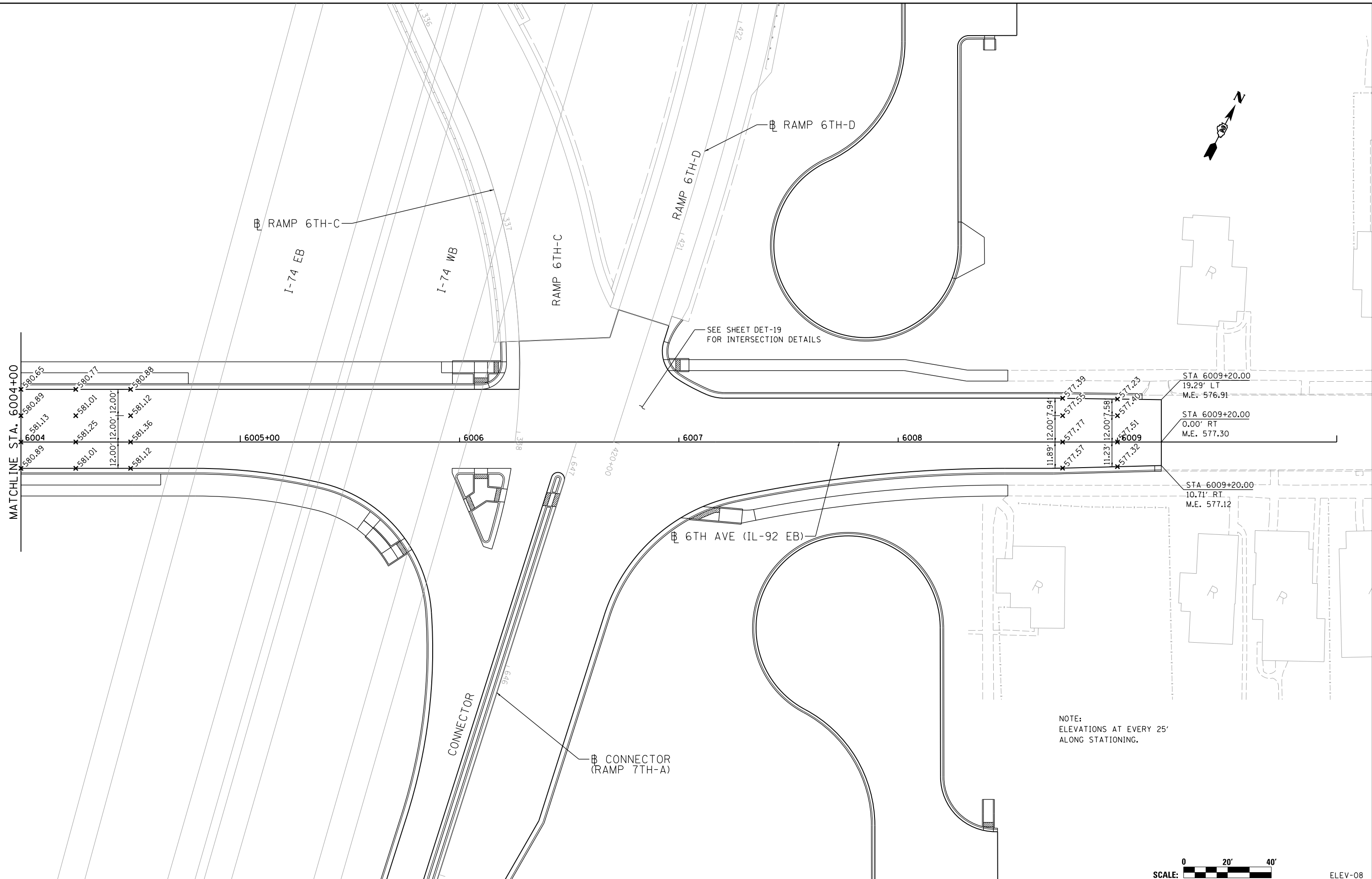
SCALE: 0 20' 40'

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	420
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

ELEV-07



© Copyright Hanson Professional Services, Inc.



NOTE:
ELEVATIONS AT EVERY 25'
ALONG STATIONING.

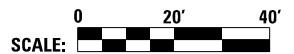
LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME =	D2CONAB-HP5-sht-elev22L.dgn	USER NAME =	hefn01663	DESIGNED -	CBP	REVISED -	
				DRAWN -	CBP	REVISED -	
				CHECKED -	KAS	REVISED -	
				DATE -	1/20/2017	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT ELEVATION PLANS
6TH AVENUE

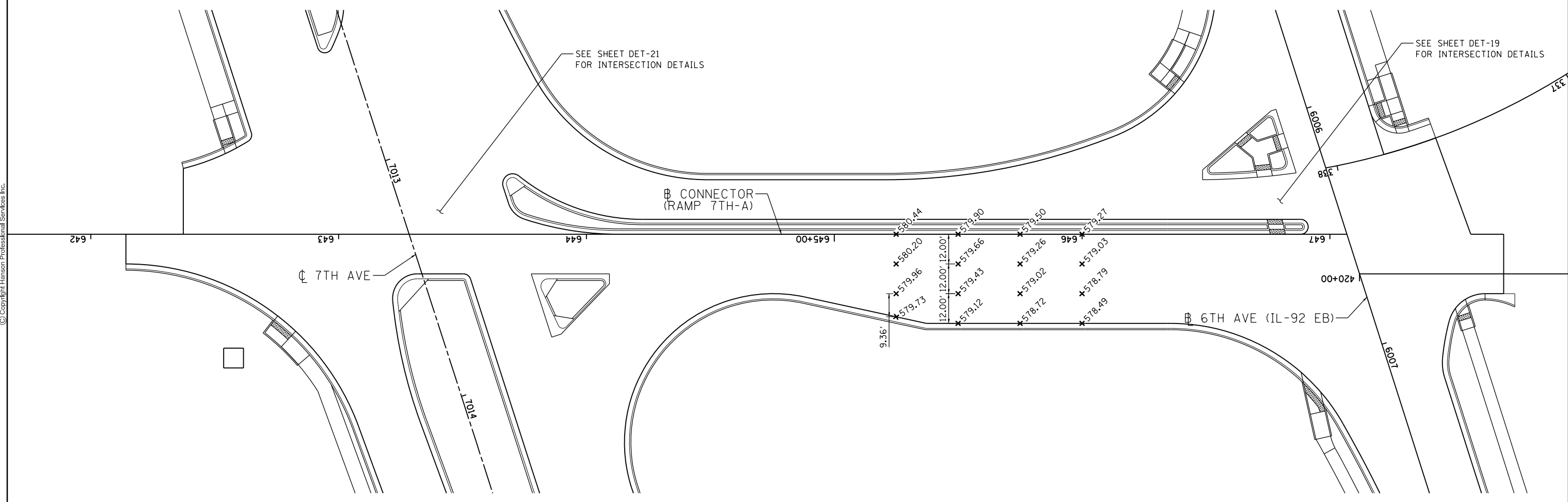
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.



SCALE:		ELEV-08	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504
			SHEET NO. 421
			CONTRACT NO. 64C08
ILLINOIS FED. AID PROJECT			



© Copyright Hanson Professional Services, Inc.



LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME = D2CONAB-HP5-sht-elev62L.dgn

USER NAME = hehn01663
 PLOT SCALE = 1" = 20'
 PLOT DATE = 1/19/2017

DESIGNED - CBP
 DRAWN - CBP
 CHECKED - KAS
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION PLANS
 CONNECTOR**

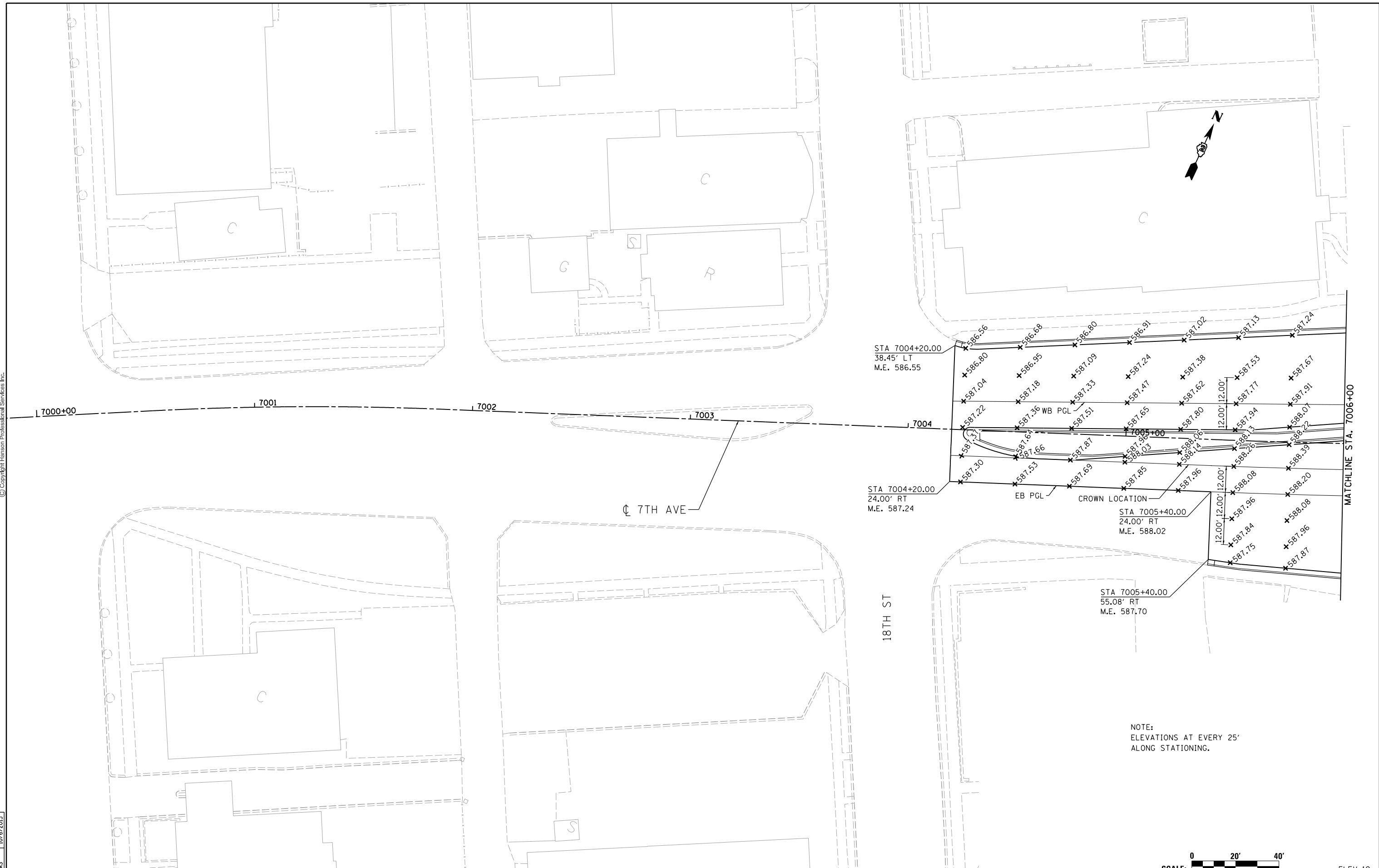
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.



SCALE:		ELEV-09	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504
CONTRACT NO. 64C08			SHEET NO. 422
ILLINOIS FED. AID PROJECT			



© Copyright Hanson Professional Services, Inc.



LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME = D2CONAB-HP5-sht-elev31L.dgn

USER NAME = hehn01663

PLOT SCALE = 1" = 20'

PLOT DATE = 1/19/2017

DESIGNED - CBP

DRAWN - CBP

CHECKED - KAS

DATE - 1/20/2017

REVISED -

REVISED -

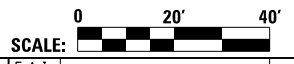
REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT ELEVATION PLANS
7TH AVENUE

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

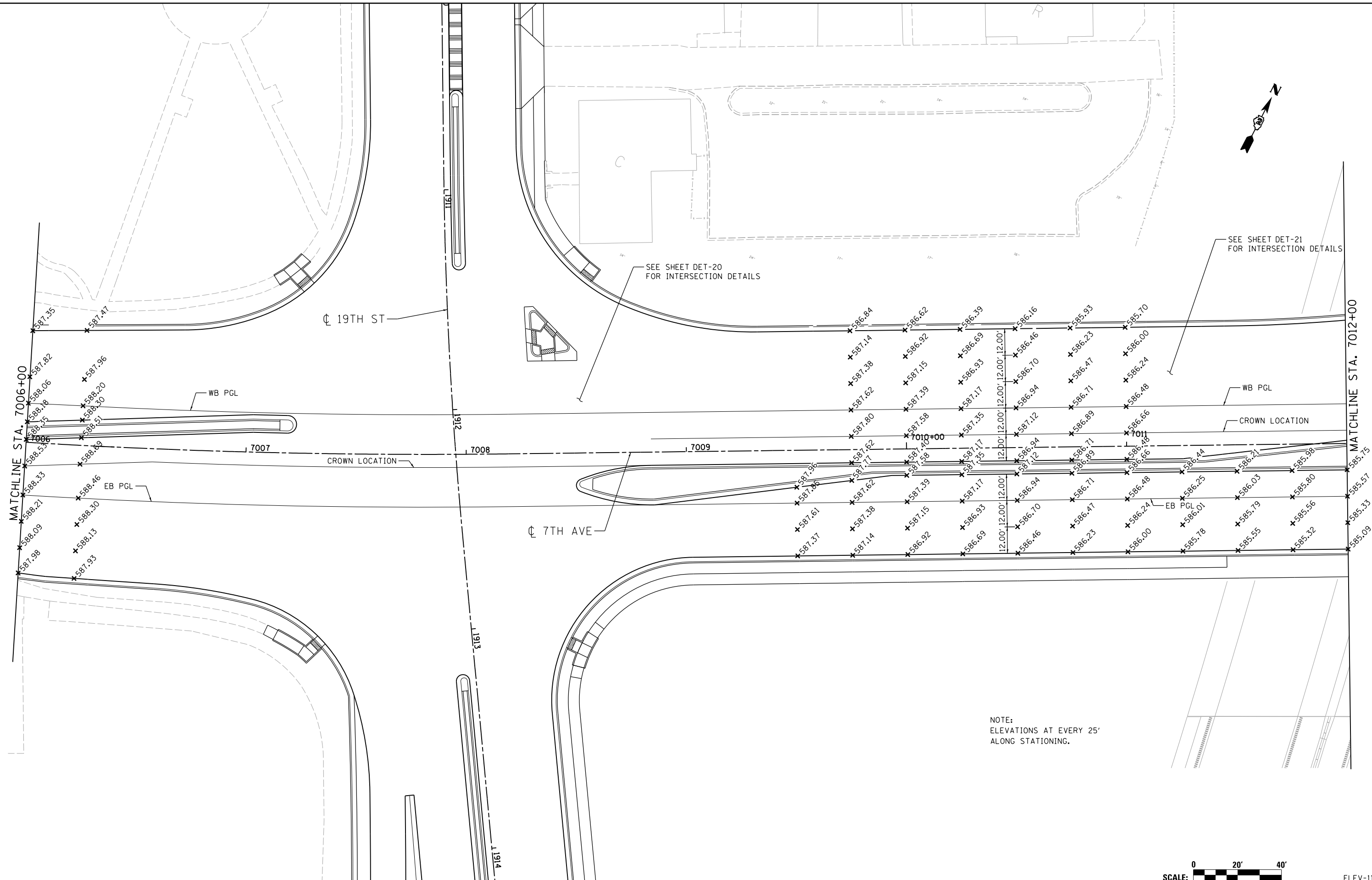


NOTE:
ELEVATIONS AT EVERY 25'
ALONG STATIONING.

SCALE:		ELEV-10	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504
CONTRACT NO. 64C08			SHEET NO. 423
ILLINOIS FED. AID PROJECT			



© Copyright Hanson Professional Services, Inc.



NOTE:
ELEVATIONS AT EVERY 25'
ALONG STATIONING.

LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME =
D2CONAB-HP5-sht-elev32L.dgn

USER NAME = hehm01663
DESIGNED - CBP
DRAWN - CBP
CHECKED - KAS
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION PLANS
7TH AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.



F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	424
CONTRACT NO. 64C08			ELEV-11	

ILLINOIS FED. AID PROJECT



© Copyright Hanson Professional Services, Inc.

MATCHLINE STA. 7012+00

I-74 EB

I-74 WB

CONNECTOR
00+5499

SEE SHEET DET-21
FOR INTERSECTION DETAILS

7TH AVE



STA 7017+03.00
36.98' LT
MATCH EXISTING

STA 7017+03.00
36.77' RT
MATCH EXISTING

STA 7017+01.76
38.34' RT
MATCH EXISTING

NOTE:
ELEVATIONS AT EVERY 25'
ALONG STATIONING.

7012

7013

7014

7015+00

7016

7018

WB PGL

EB PGL

RAMP 7TH-A

LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME = D2CONAB-HPS-sht-elev33L.dgn

USER NAME = hehm01663

DESIGNED - CBP
DRAWN - CBP

REVISOR -
REVISIONS -

PLOT SCALE = 1" = 20'

CHECKED - KAS
DATE - 1/20/2017

REVISOR -
REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT ELEVATION PLANS
7TH AVENUE

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.



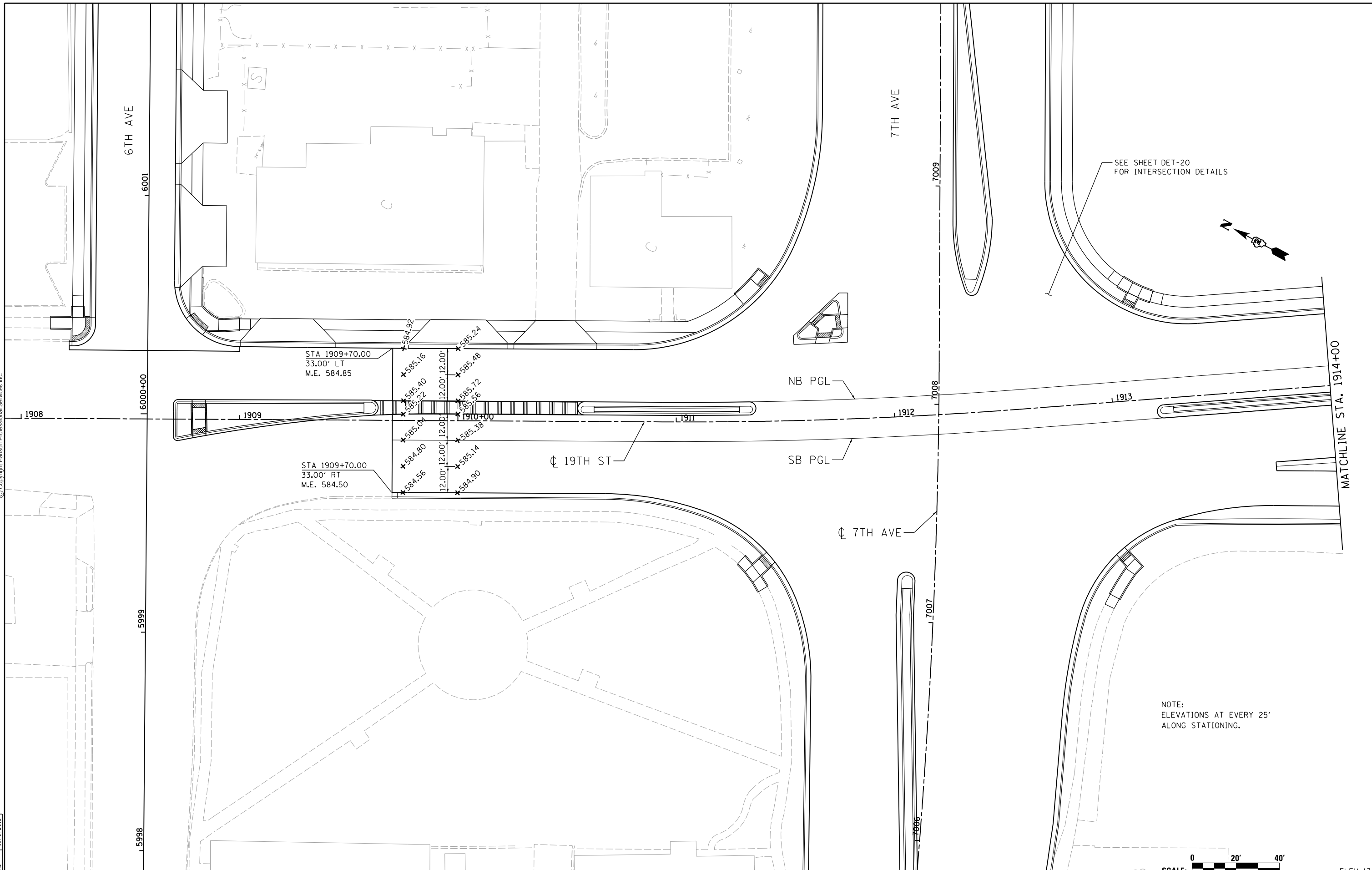
SCALE:

ELEV-12

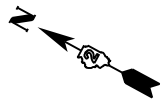
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	425
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	



© Copyright Hanson Professional Services, Inc.



SEE SHEET DET-20 FOR INTERSECTION DETAILS



NOTE: ELEVATIONS AT EVERY 25' ALONG STATIONING.

LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	KAS	10/6/2015

FILE NAME = D2CONAB-HP5-sht-elev41L.dgn

USER NAME = hehm01663
 PLOT SCALE = 1" = 20'
 PLOT DATE = 1/19/2017

DESIGNED - CBP
 DRAWN - CBP
 CHECKED - KAS
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT ELEVATION PLANS 19TH STREET

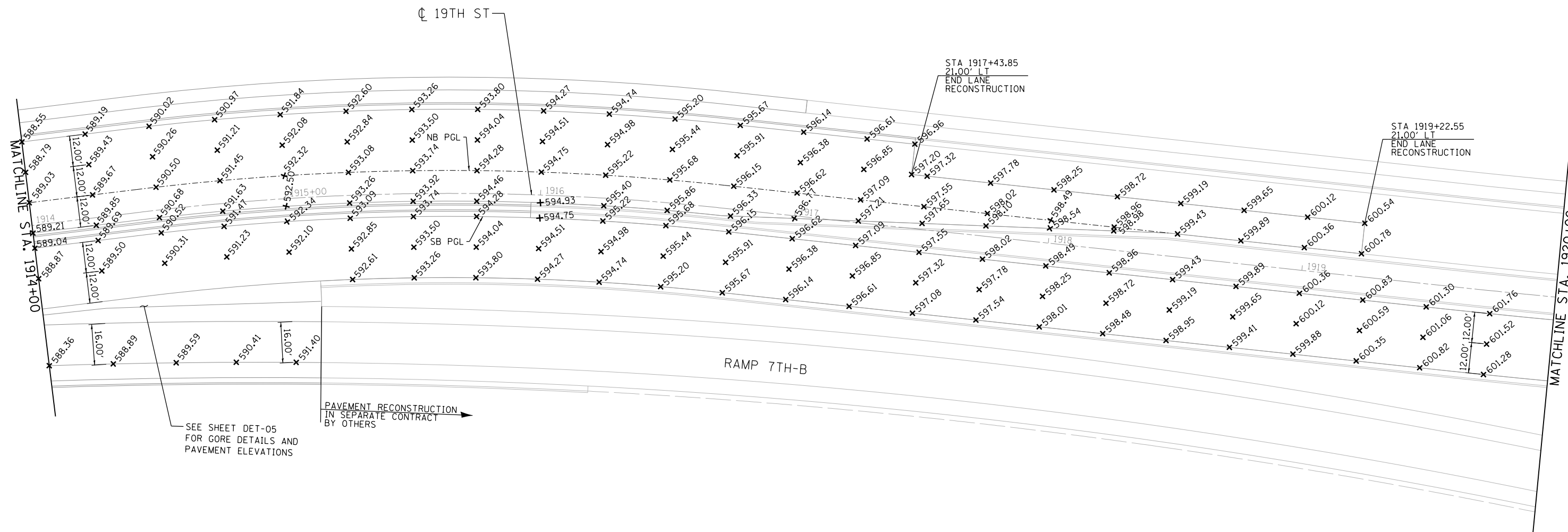
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504	426
CONTRACT NO. 64C08			ELEV-13	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services, Inc.



NOTE:
ELEVATIONS AT EVERY 25'
ALONG STATIONING.



LAYOUT	CBP	7/22/2011
DRAWN	CBP	3/31/2015
REVIEWED	AAP	12/14/2016

FILE NAME =
D2CONAB-HP5-sht-elev42L.dgn

USER NAME = hehm01663
PLOT SCALE = 1"=20'
PLOT DATE = 1/19/2017

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

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION PLANS
19TH STREET**

SCALE: 1"=20' SHEET NO. OF SHEETS STA. 1914+00 TO STA. 1920+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504	427
CONTRACT NO. 64C08			ELEV-14	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services, Inc.

MATCHLINE STA. 1920+00

MATCHLINE STA. 1926+00

I-74 WB

I-74 EB

RAMP 7TH-A

RAMP 7TH-B

NB PGL

SB PGL

SB PGL

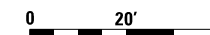
19TH ST

1920+00
 602.23
 601.99
 601.75
 12.00' 12.00'
 602.10
 602.19
 601.46
 602.55
 602.22
 602.31

PAVEMENT RECONSTRUCTION IN SEPARATE CONTRACT BY OTHERS

STA 1920+29.63
33.00' LT
END RECONSTRUCTION

NOTE:
ELEVATIONS AT EVERY 25'
ALONG STATIONING.



SCALE: 1"=20' ELEV-15

LAYOUT	CBP	7/22/2011
DRAWN	CBP	3/31/2015
REVIEWED	AAP	12/14/2016

FILE NAME =
D2CONAB-HP5-sht-elev43L.dgn

USER NAME = hehm01663
 PLOT SCALE = 1"=20'
 PLOT DATE = 1/19/2017

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

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT ELEVATION PLANS
 19TH STREET

SCALE: 1"=20' SHEET NO. OF SHEETS STA. 1920+00 TO STA. 1926+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	428
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	



© Copyright Hanson Professional Services Inc.



← COORDINATE WITH ADJACENT CONTRACT (IM-NHS-074-1(197)5--03-82) CONTRACT PAVEMENT MARKING LIMITS →

POLYUREA PAVEMENT MARKING TYPE II - LINE 5" (WHITE SOLID)
GROOVING FOR RECESSED PAVEMENT MARKING 6"

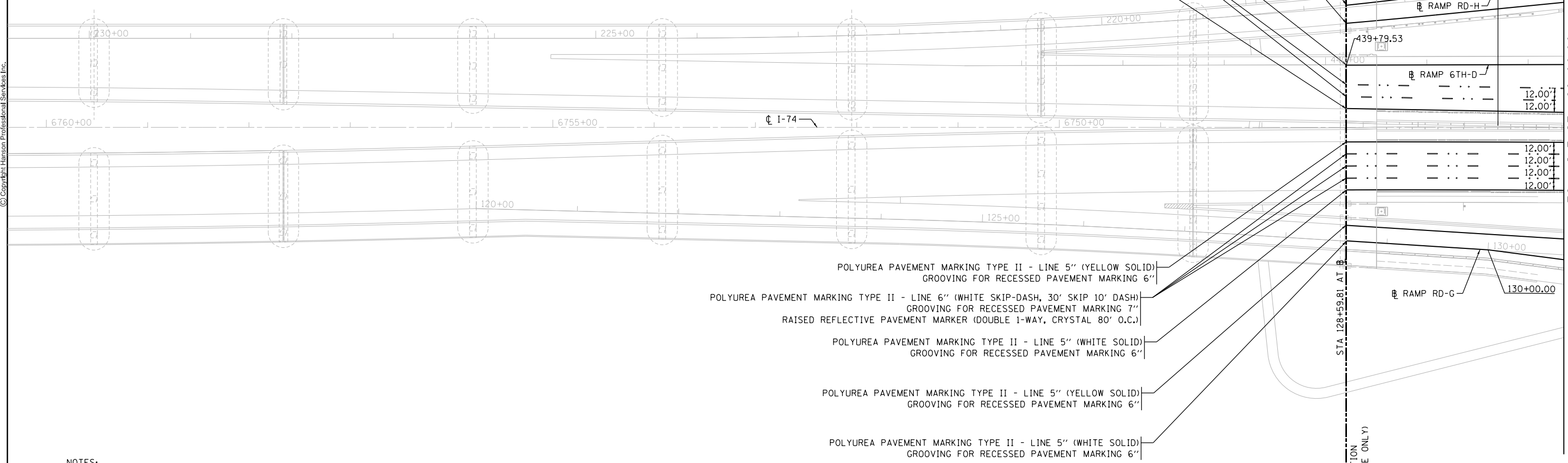
POLYUREA PAVEMENT MARKING TYPE II - LINE 5" (YELLOW SOLID)
GROOVING FOR RECESSED PAVEMENT MARKING 6"

POLYUREA PAVEMENT MARKING TYPE II - LINE 5" (WHITE SOLID)
GROOVING FOR RECESSED PAVEMENT MARKING 6"

POLYUREA PAVEMENT MARKING TYPE II - LINE 6" (WHITE SKIP-DASH, 30' SKIP 10' DASH)
GROOVING FOR RECESSED PAVEMENT MARKING 7"
RAISED REFLECTIVE PAVEMENT MARKER (DOUBLE 1-WAY, CRYSTAL 80' O.C.)

POLYUREA PAVEMENT MARKING TYPE II - LINE 5" (YELLOW SOLID)
GROOVING FOR RECESSED PAVEMENT MARKING 6"

PAVEMENT MARKING ON RIVER BRIDGE TO BE INSTALLED BY OTHERS IN SEPARATE CONTRACT



POLYUREA PAVEMENT MARKING TYPE II - LINE 5" (YELLOW SOLID)
GROOVING FOR RECESSED PAVEMENT MARKING 6"

POLYUREA PAVEMENT MARKING TYPE II - LINE 6" (WHITE SKIP-DASH, 30' SKIP 10' DASH)
GROOVING FOR RECESSED PAVEMENT MARKING 7"
RAISED REFLECTIVE PAVEMENT MARKER (DOUBLE 1-WAY, CRYSTAL 80' O.C.)

POLYUREA PAVEMENT MARKING TYPE II - LINE 5" (WHITE SOLID)
GROOVING FOR RECESSED PAVEMENT MARKING 6"

POLYUREA PAVEMENT MARKING TYPE II - LINE 5" (YELLOW SOLID)
GROOVING FOR RECESSED PAVEMENT MARKING 6"

POLYUREA PAVEMENT MARKING TYPE II - LINE 5" (WHITE SOLID)
GROOVING FOR RECESSED PAVEMENT MARKING 6"

STA 6747+16.75
IOWA JURISDICTION
ILLINOIS JURISDICTION
(APPLIES TO BRIDGE ONLY)

MATCH LINE STA 26+00.00

NOTES:

- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
- GROOVING FOR RECESSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL NOT BE INSTALLED ON BRIDGE STRUCTURES.
- LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.

LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	AAP	11/10/2016

FILE NAME = D2CONAB-HPS-sht:pmk002M.dgn

USER NAME = hehm01663

DESIGNED - CBP
DRAWN - CBP

REVISED -
REVISED -
REVISED -
REVISED -

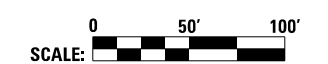
PLOT SCALE = 1" = 50'
PLOT DATE = 1/19/2017

CHECKED - AAP
DATE - 1/20/2017

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS PLANS
MAINLINE AND RAMPS

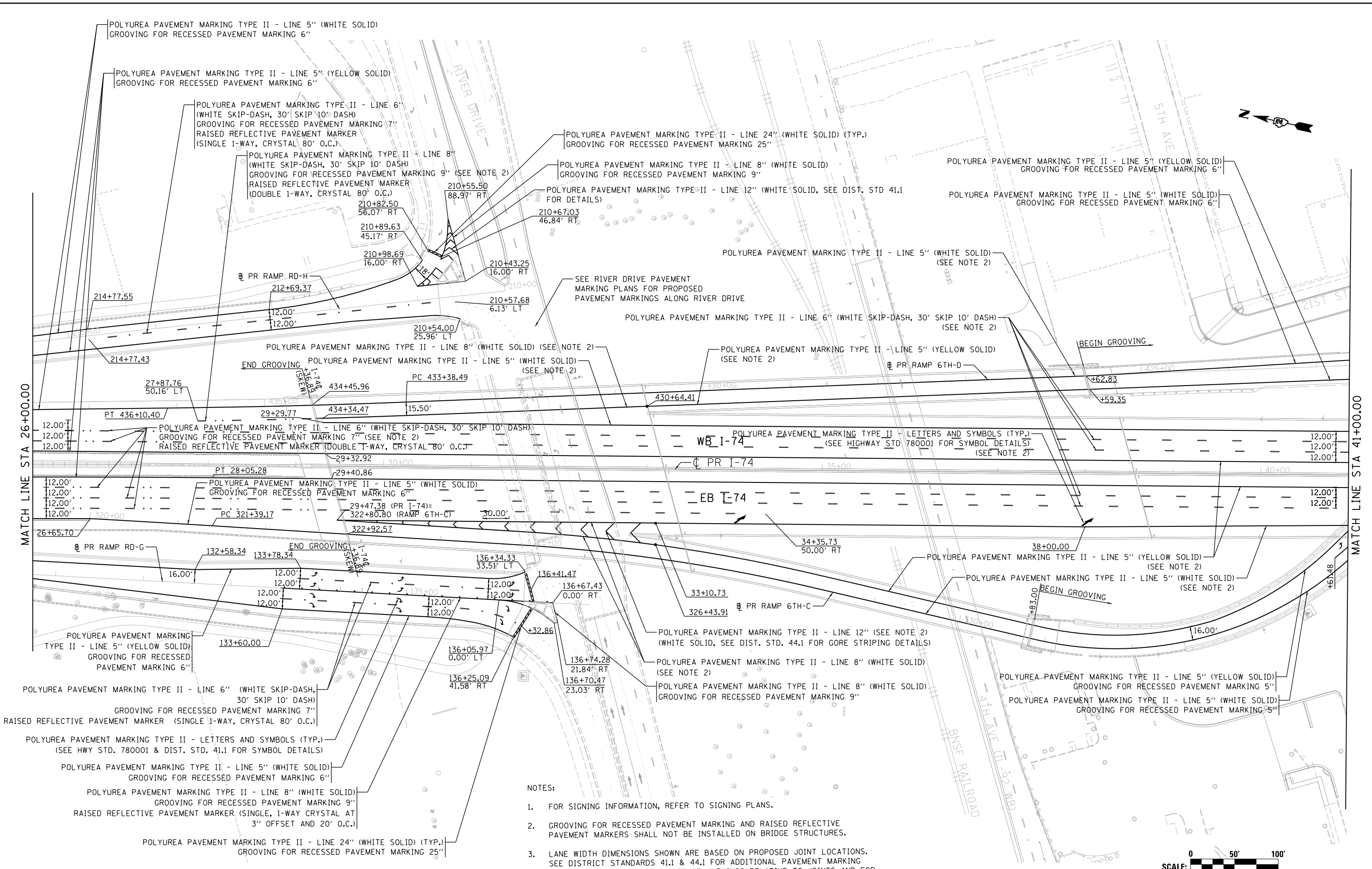
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	429
CONTRACT NO. 64C08			PMK-01	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services Inc.



- NOTES:
- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
 - GROOVING FOR RECESSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL NOT BE INSTALLED ON BRIDGE STRUCTURES.
 - LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.



LAYOUT	CBP	10/07/2014
DRAWN	CBP	10/07/2014
REVIEWED	AAP	11/10/2016

FILE NAME = D2CONAB-HP5-shs-pmk003M.dgn

USER NAME = hehm01663
 DESIGNED - CBP
 DRAWN - CBP
 CHECKED - AAP
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS PLANS
 MAINLINE AND RAMPS**

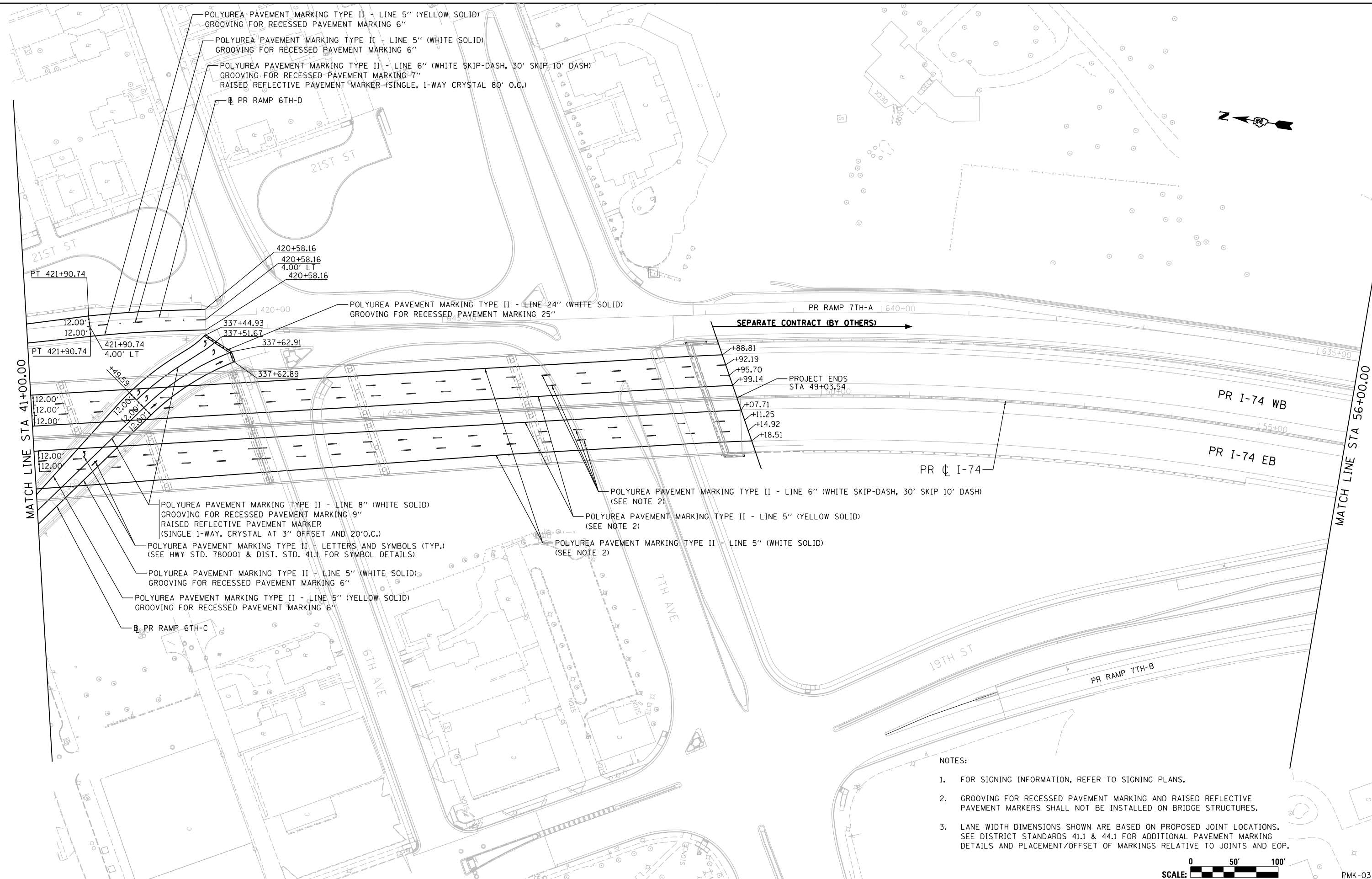
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-IHVBR	ROCK ISLAND	1504	430
CONTRACT NO. 64C08				PMK-02

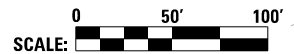
ILLINOIS FED. AID PROJECT



© Copyright Hanson Professional Services Inc.



- NOTES:
- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
 - GROOVING FOR RECESSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL NOT BE INSTALLED ON BRIDGE STRUCTURES.
 - LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.



LAYOUT	CBP	10/07/2014
DRAWN	CBP	10/07/2014
REVIEWED	AAP	11/10/2016

FILE NAME = D2CONAB-HP5-sht:pmk004M.dgn

USER NAME = hehm01663

DESIGNED - CBP

DRAWN - CBP

CHECKED - AAP

DATE - 1/20/2017

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS PLANS
MAINLINE AND RAMPS**

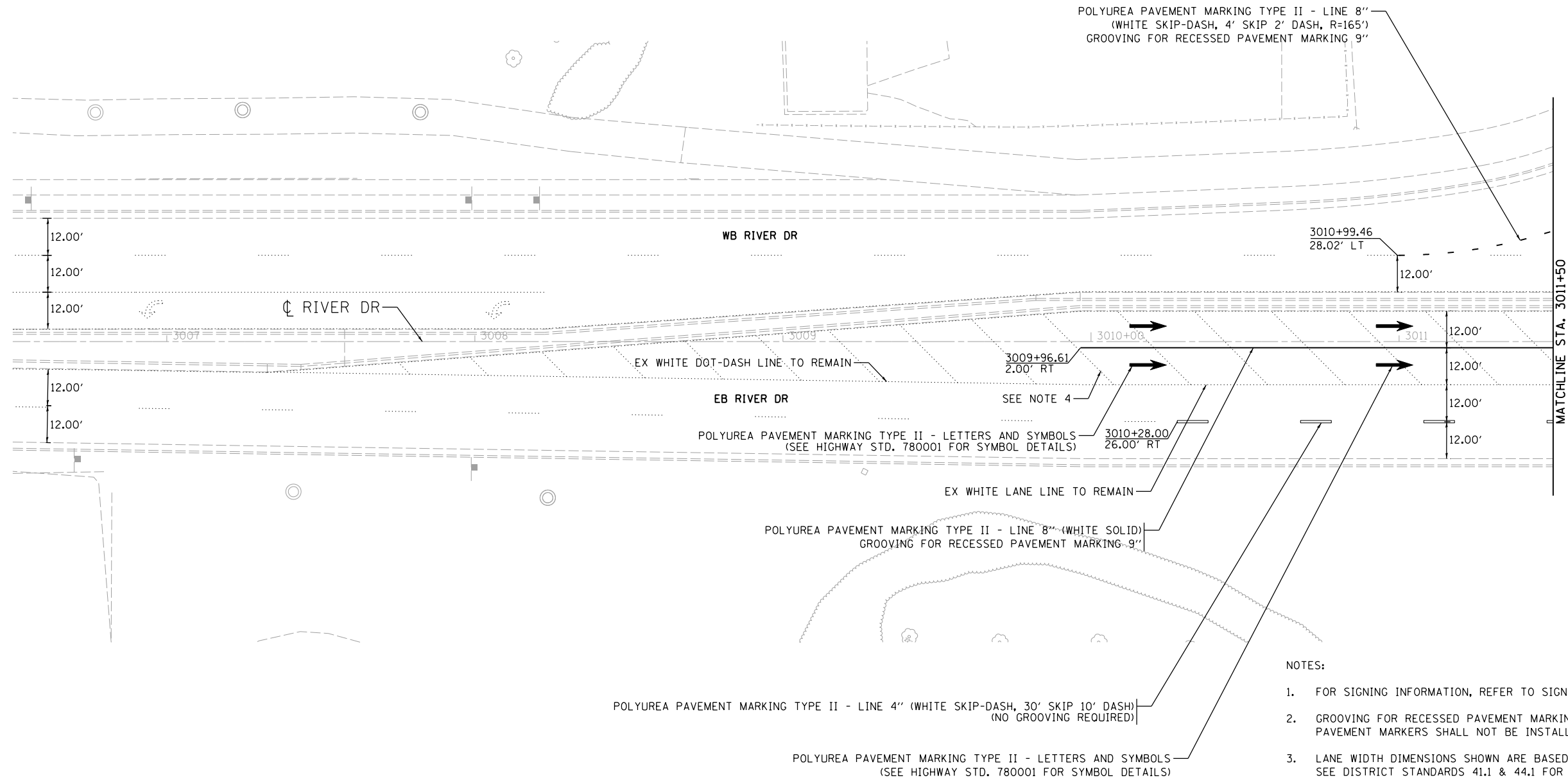
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVBR	ROCK ISLAND	1504	431
CONTRACT NO. 64C08			PMK-03	

ILLINOIS FED. AID PROJECT

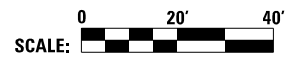


© Copyright Hanson Professional Services, Inc.



NOTES:

1. FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
2. GROOVING FOR RECESSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL NOT BE INSTALLED ON BRIDGE STRUCTURES.
3. LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.
4. PRIOR TO RAMP RD-H OPENING AND PLACING PROPOSED STRIPING IN TURN BAYS, CONTRACTOR SHALL REMOVE DIAGONAL LINES ACROSS THE TURN BAYS THAT WERE INSTALLED PREVIOUSLY UNDER A SEPARATE CONTRACT.



LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	AAP	12/6/2015

FILE NAME =	D2CONAB-HP5-sht-pmk008L.dgn	USER NAME =	hehn01663	DESIGNED -	CBP	REVISED -	
		DRAWN -	CBP	CHECKED -	AAP	REVISED -	
		PLOT SCALE =	1" = 20'	DATE -	1/20/2017	REVISED -	
		PLOT DATE =	1/19/2017				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

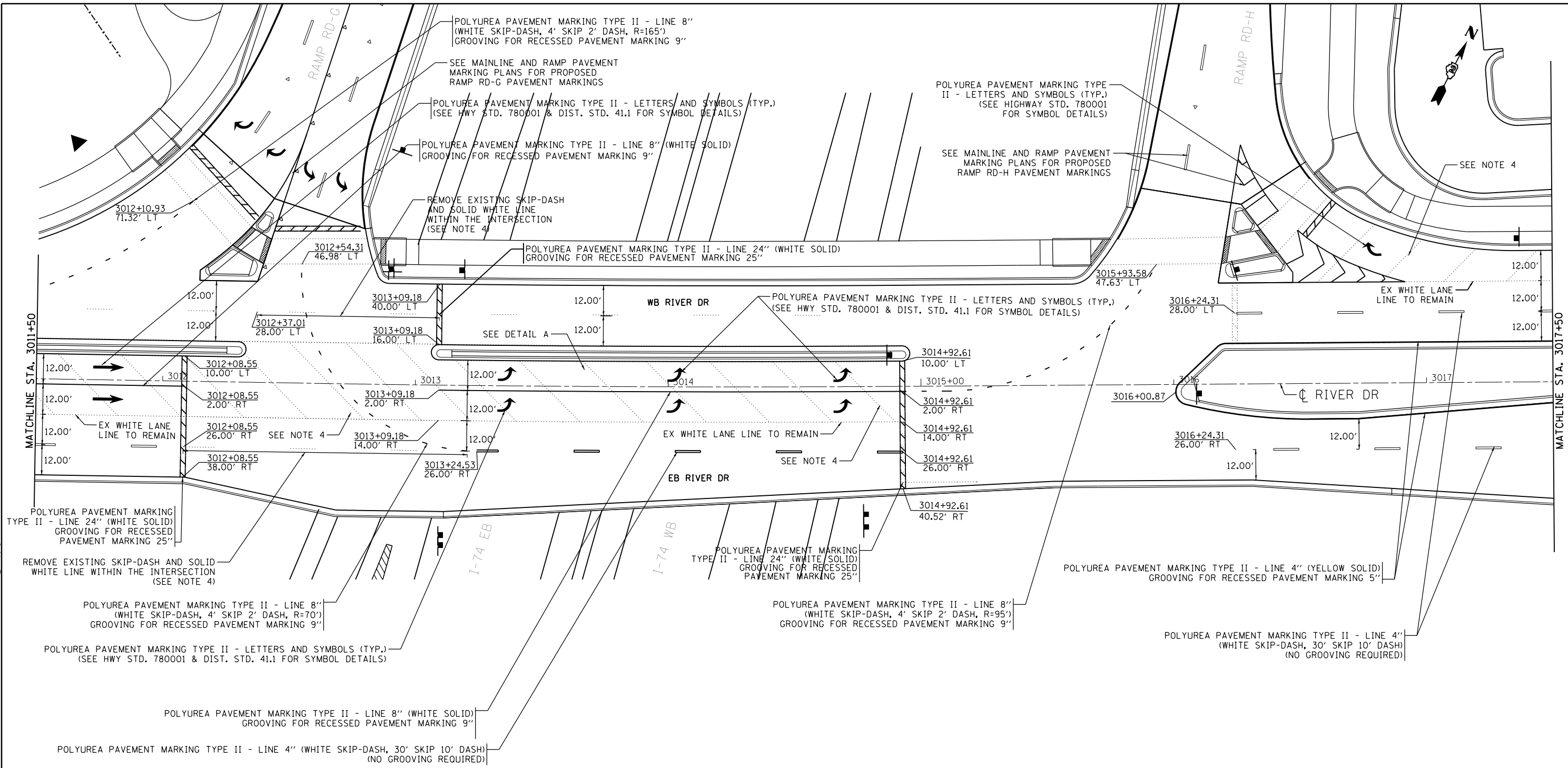
PAVEMENT MARKINGS PLANS
RIVER DRIVE

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 3006+50 TO STA. 3011+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	432
CONTRACT NO. 64C08			PMK-04	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services, Inc.



- NOTES:
- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
 - GROOVING FOR RECESSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL NOT BE INSTALLED ON BRIDGE STRUCTURES.
 - LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.
 - PRIOR TO RAMP RD-H OPENING AND PLACING PROPOSED STRIPING IN TURN BAYS, CONTRACTOR SHALL REMOVE DIAGONAL LINES ACROSS THE TURN BAYS THAT WERE INSTALLED PREVIOUSLY UNDER A SEPARATE CONTRACT.



LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	AAP	1/22/2016

FILE NAME = D2CONAB-HP5-sht-pmk009L.dgn

USER NAME = hehm01663
 DESIGNED - CBP
 DRAWN - CBP
 PLOT SCALE = 1" = 20'
 PLOT DATE = 1/19/2017

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS PLANS
 RIVER DRIVE**

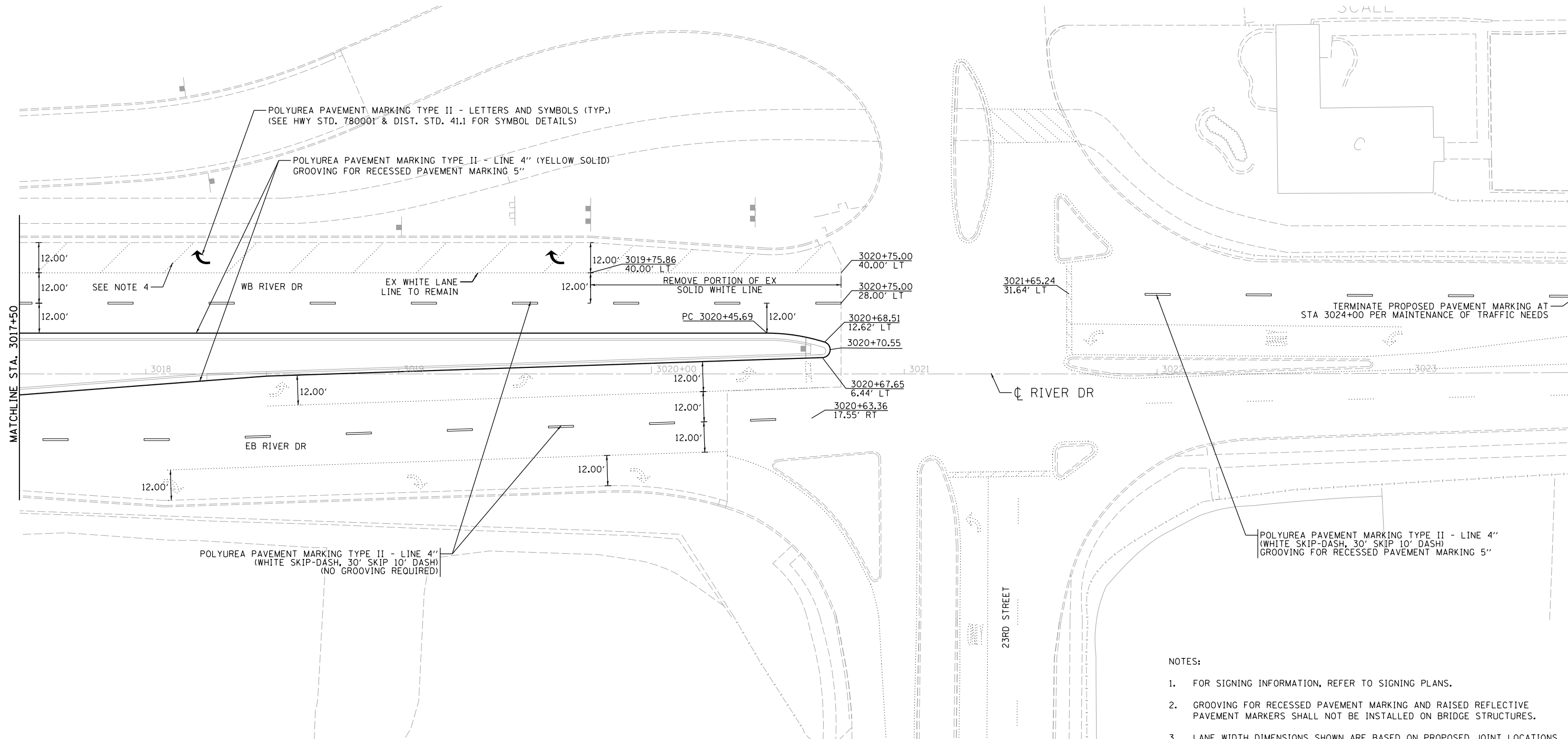
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 3011+50 TO STA. 3017+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	433
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

PMK-05



© Copyright Hanson Professional Services, Inc.



NOTES:

- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
- GROOVING FOR RECESSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL NOT BE INSTALLED ON BRIDGE STRUCTURES.
- LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.
- PRIOR TO RAMP RD-H OPENING AND PLACING PROPOSED STRIPING IN TURN BAYS, CONTRACTOR SHALL REMOVE DIAGONAL LINES ACROSS THE TURN BAYS THAT WERE INSTALLED PREVIOUSLY UNDER A SEPARATE CONTRACT.



LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	AAP	10/9/2015

FILE NAME =	D2CONAB-HP5-sht-pmk010L.dgn	USER NAME =	hehn01663	DESIGNED -	CBP	REVISED -	
		DRAWN -	CBP	CHECKED -	AAP	REVISED -	
		PLOT SCALE =	1" = 20'	DATE -	1/20/2017	REVISED -	
		PLOT DATE =	1/19/2017				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS PLANS
RIVER DRIVE**

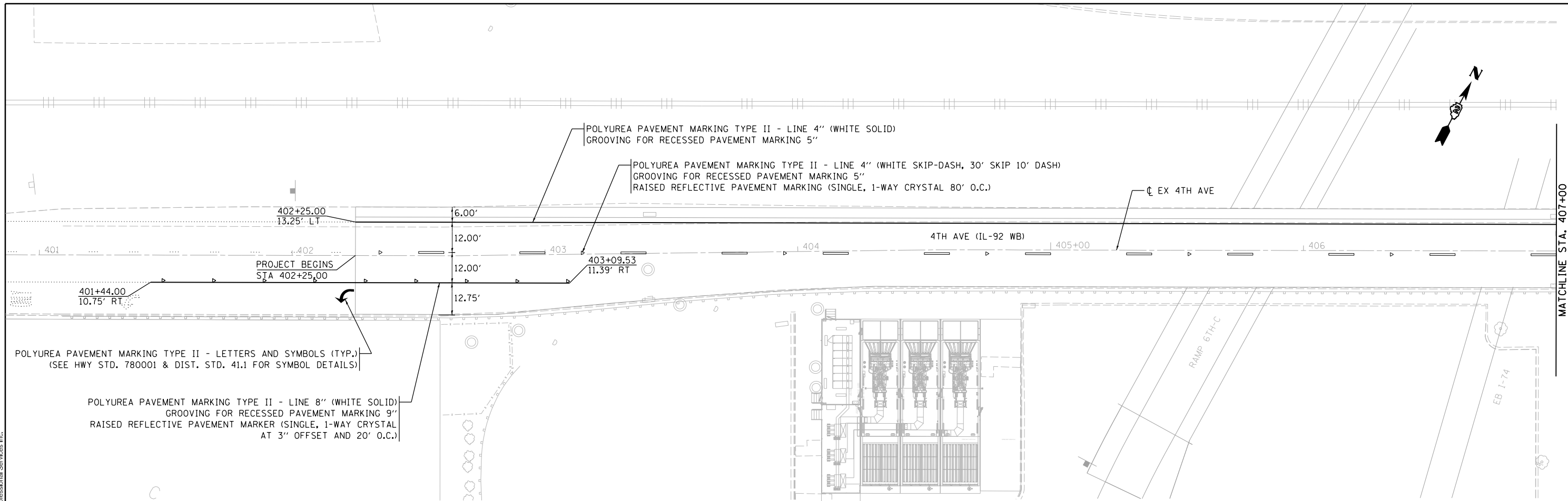
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 3017+50 TO STA. 3021+92

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	434
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

PMK-06



© Copyright Hanson Professional Services, Inc.



NOTES:

- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
- LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.

LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	AAP	1/18/2016

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
D2CONAB-HP5-sht-pmk011L.dgn	hehn01663	CBP	
		DRAWN -	REVISED -
		CBP	
		CHECKED -	REVISED -
		AAP	
		DATE -	REVISED -
		1/20/2017	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS PLANS
4TH AVENUE

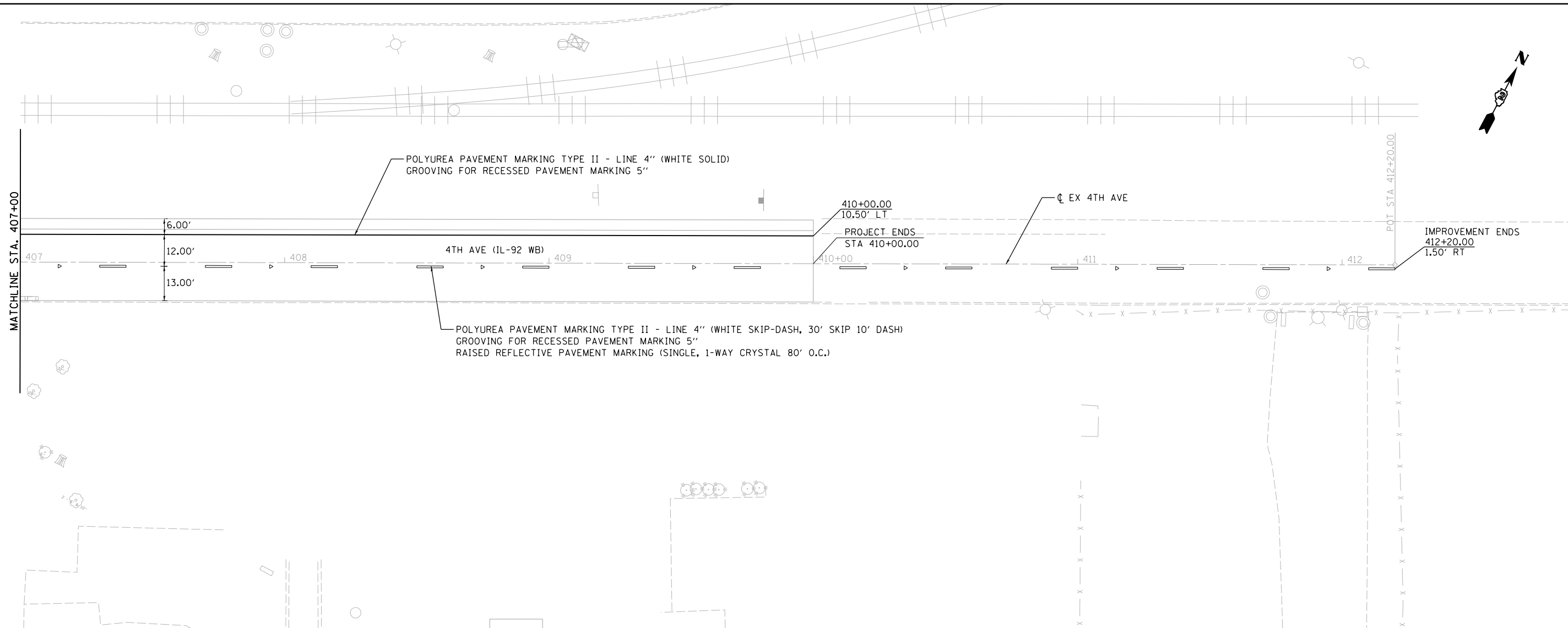
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 401+00 TO STA. 407+00



SCALE:		PMK-07	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504
		CONTRACT NO.	64C08
		ILLINOIS FED. AID PROJECT	



© Copyright Hanson Professional Services, Inc.



NOTES:

- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
- LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.



LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	AAP	10/9/2015

FILE NAME =	D2CONAB-HP5-sht-pmk012L.dgn	USER NAME =	hehn01663	DESIGNED -	CBP	REVISED -	
		DRAWN -	CBP	CHECKED -	AAP	REVISED -	
		PLOT DATE =	1/19/2017	DATE -	1/20/2017	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

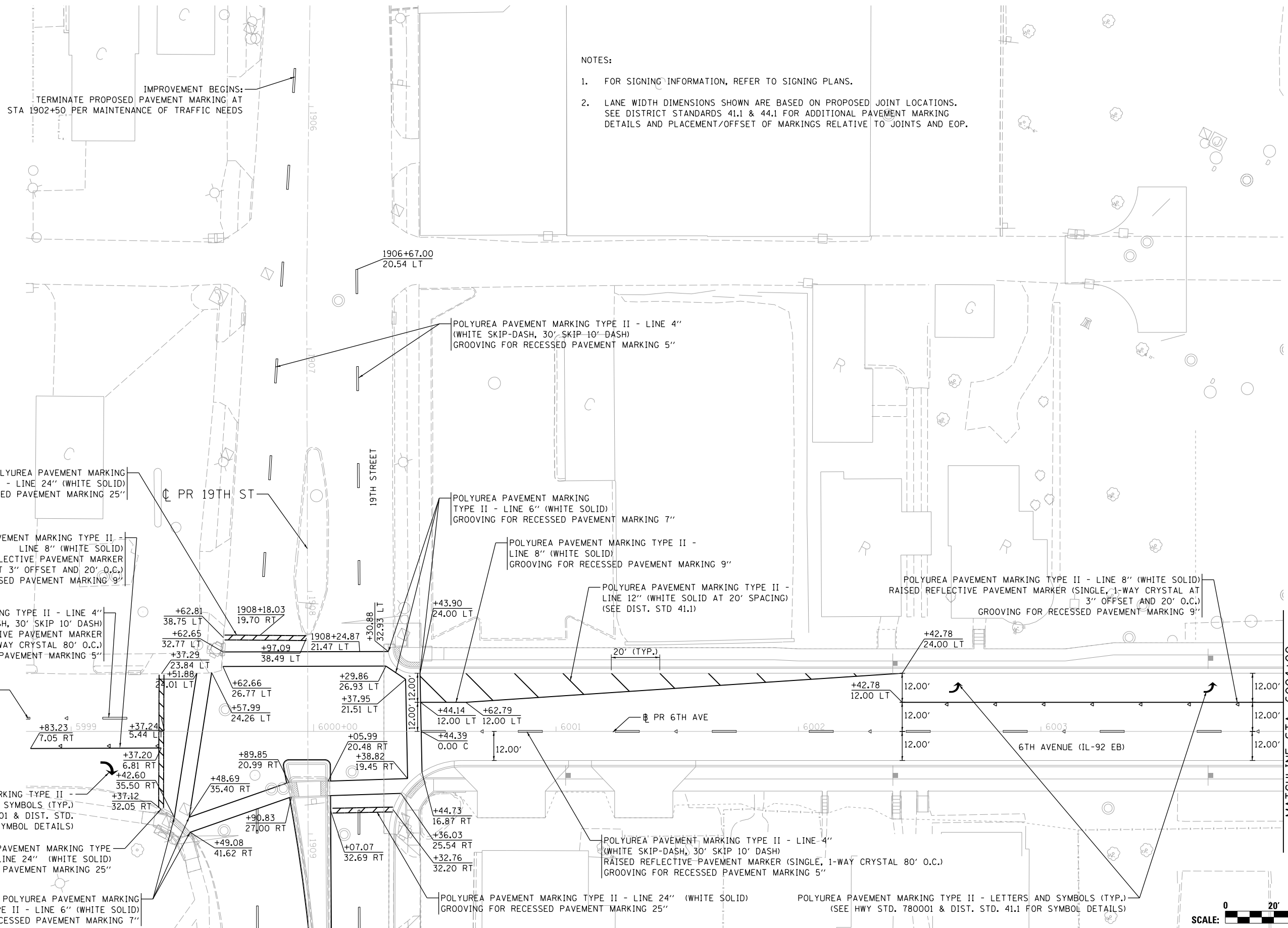
PAVEMENT MARKINGS PLANS
4TH AVENUE

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 407+00 TO STA. 412+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	436
CONTRACT NO. 64C08			PMK-08	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services, Inc.



NOTES:

- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
- LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.

LAYOUT	10/02/2014	CBP
DRAWN	10/07/2014	CBP
REVIEWED	10/07/2015	AAP

FILE NAME = D2CONAB-HP5-shs-pmk013L.dgn

USER NAME = hehm01663

DESIGNED - CBP

DRAWN - CBP

CHECKED - AAP

DATE - 1/20/2017

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS PLANS
6TH AVENUE

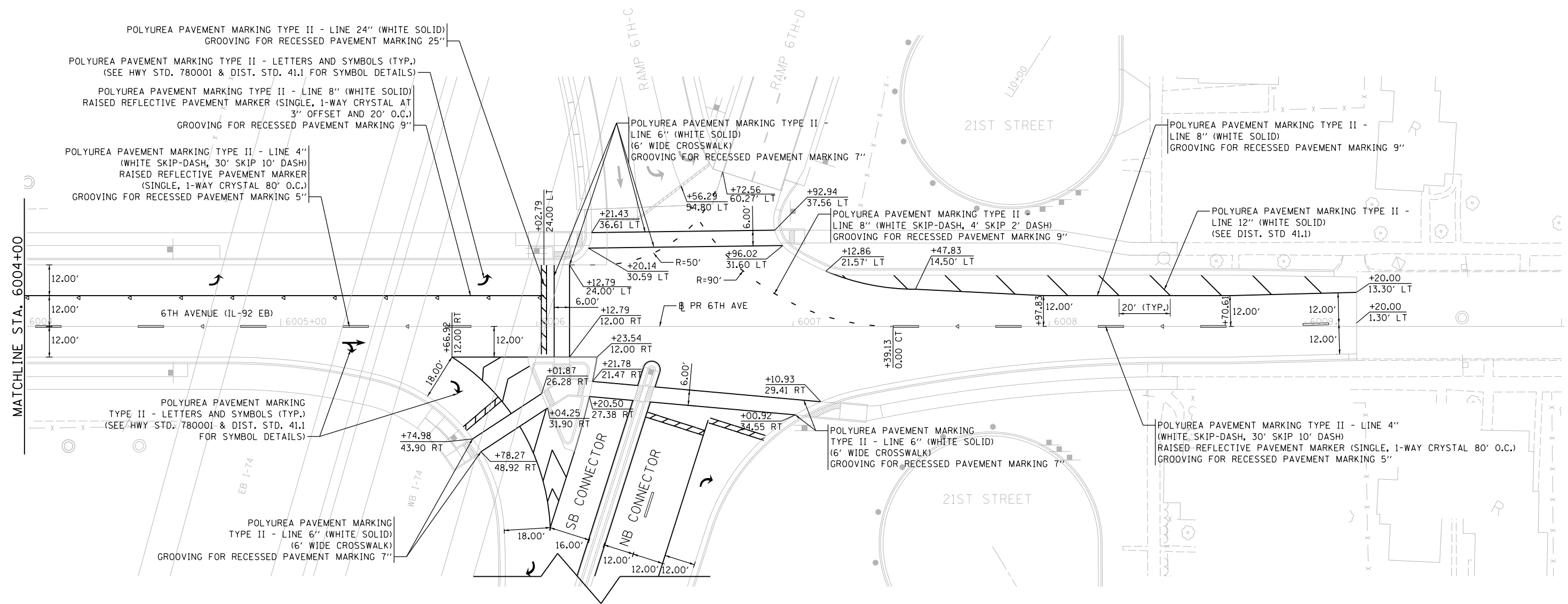
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	437
CONTRACT NO. 64C08			PMK-09	
ILLINOIS FED. AID PROJECT				





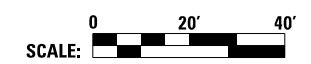
© Copyright Hanson Professional Services, Inc.



SEE SHT PMK-11 FOR CONNECTOR ROAD PAVEMENT MARKINGS

NOTES:

- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
- LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.



LAYOUT	CBP	10/07/2014
DRAWN	CBP	10/07/2014
REVIEWED	AAP	10/07/2015

FILE NAME =	D2CONAB-HP5-sht:pmk014L.dgn	USER NAME =	hehm01663	DESIGNED -	CBP	REVISED -	
		DRAWN -	CBP	REVISED -			
		CHECKED -	AAP	REVISED -			
		DATE -	1/20/2017	REVISED -			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS PLANS
6TH AVENUE**

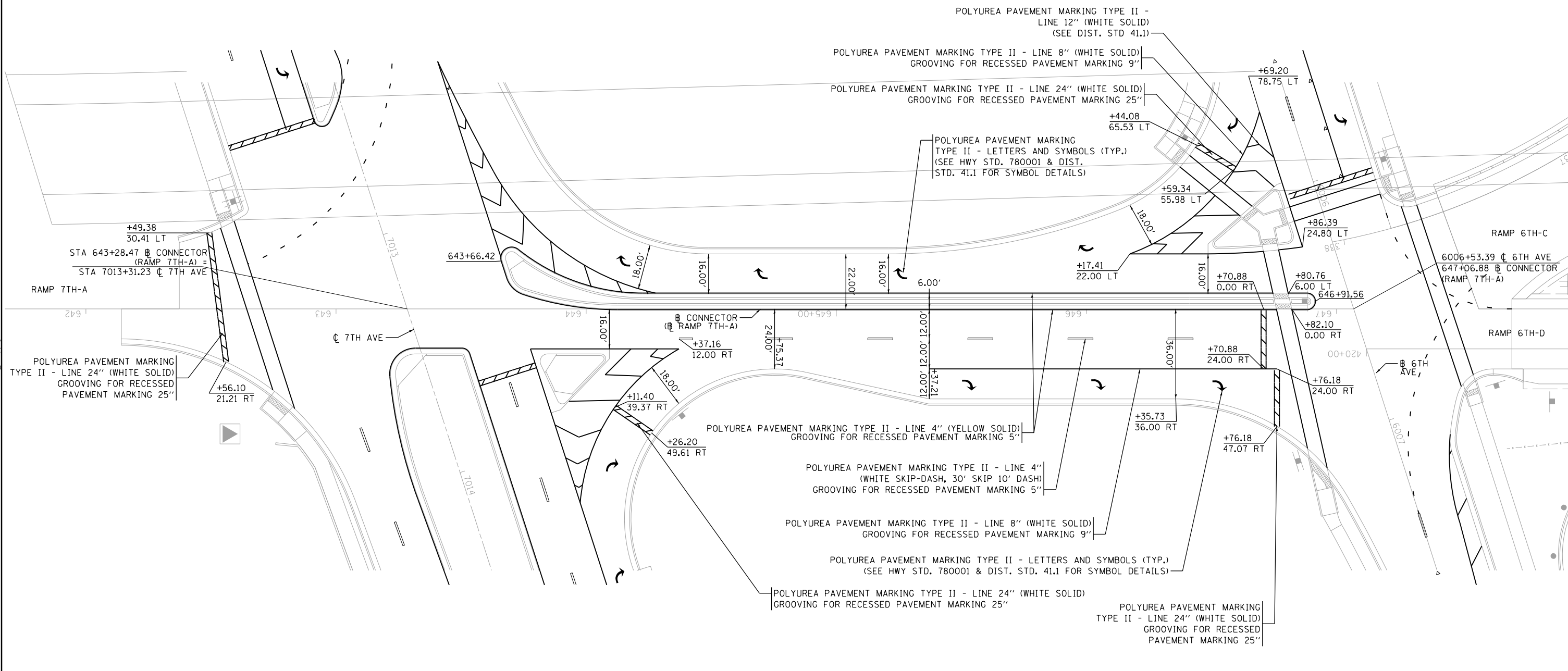
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	438
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

PMK-10



© Copyright Hanson Professional Services, Inc.



NOTES:

- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
- LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.



LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	AAP	10/9/2015

FILE NAME =	D2CONAB-HP5-sht-pmk032L.dgn	USER NAME =	hehm01663	DESIGNED -	CBP	REVISED -	
		DRAWN -	CBP	REVISIED -		REVISIED -	
		CHECKED -	AAP	REVISIED -		REVISIED -	
		DATE -	1/20/2017	REVISIED -		REVISIED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS PLANS
CONNECTOR**

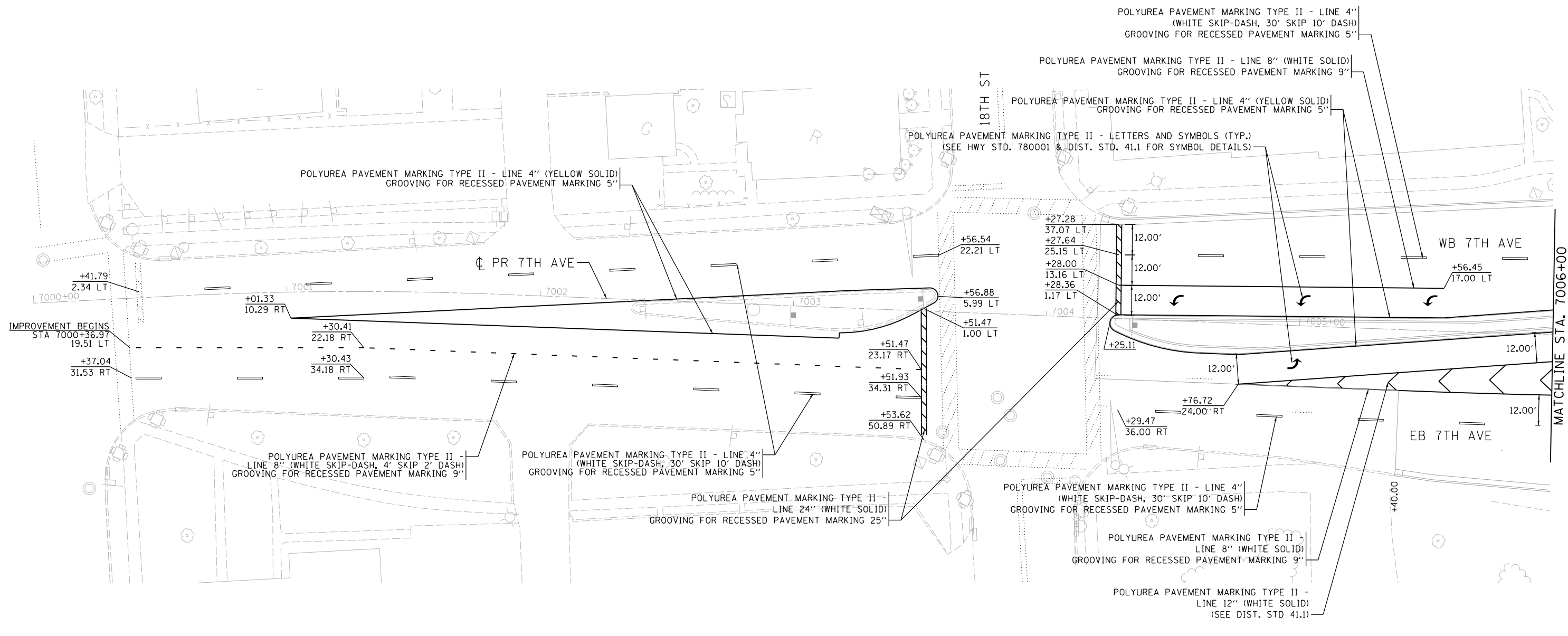
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	439
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

PMK-11



© Copyright Hanson Professional Services, Inc.



NOTES:

- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
- LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.

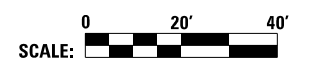
LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	AAP	1/29/2016

FILE NAME =	D2CONAB-HP5-sht:pmk016L.dgn	USER NAME =	hehn01663	DESIGNED -	CBP	REVISED -	
		DRAWN -	CBP	CHECKED -	AAP	REVISED -	
		PLOT SCALE =	1" = 20'	DATE -	1/20/2017	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS PLANS
7TH AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

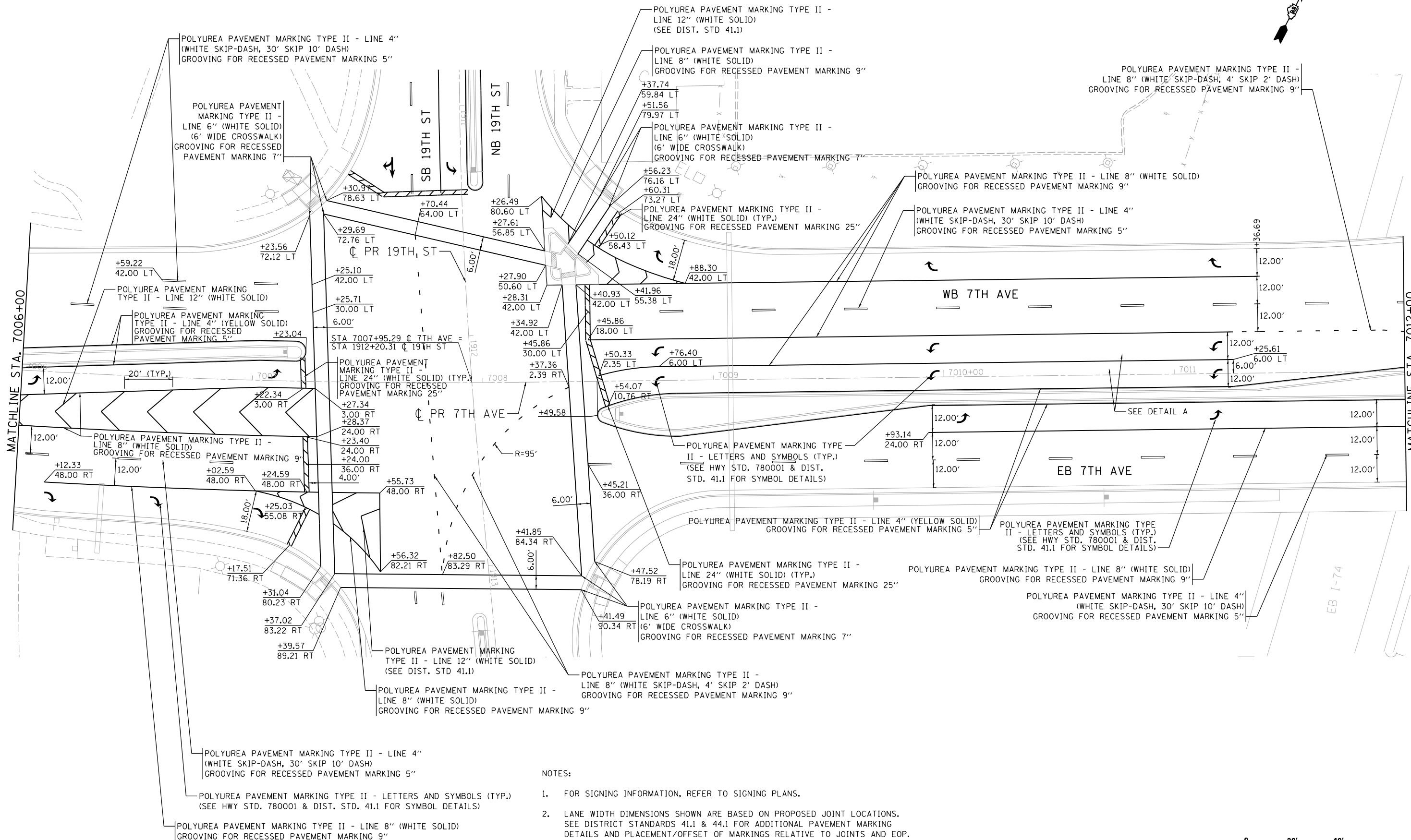


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	440
CONTRACT NO. 64C08			PMK-12	

ILLINOIS FED. AID PROJECT



© Copyright Hanson Professional Services, Inc.



NOTES:

- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
- LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.



LAYOUT	CBP	10/07/2014
DRAWN	CBP	10/07/2014
REVIEWED	AAP	10/07/2015

FILE NAME =	D2CONAB-HP5-sht-pmk017L.dgn
-------------	-----------------------------

USER NAME =	hehm01663
DESIGNED -	CBP
DRAWN -	CBP
CHECKED -	AAP
DATE -	1/20/2017

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS PLANS
7TH AVENUE**

SCALE: 1" = 20' 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	441
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

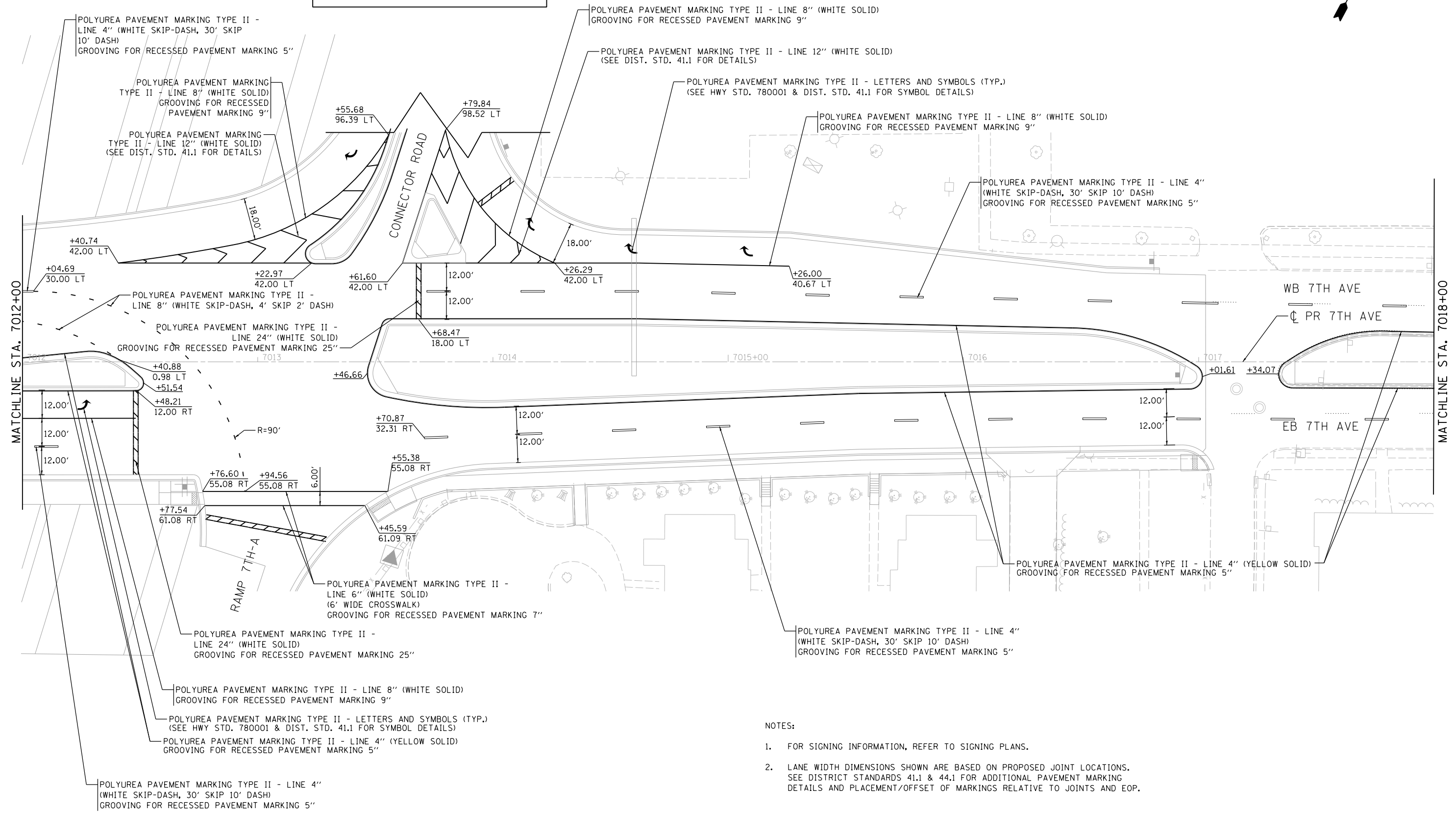
PMK-13



© Copyright Hanson Professional Services, Inc.



SEE SHT PMK-11 FOR CONNECTOR ROAD PAVEMENT MARKINGS



- NOTES:
- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
 - LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.

LAYOUT	CBP	10/07/2014
DRAWN	CBP	10/07/2014
REVIEWED	AAP	10/07/2015

FILE NAME = D2CONAB-HPS-sht-pmk018L.dgn

USER NAME = hehm01663	DESIGNED - CBP	REVISED -
PLOT SCALE = 1" = 20'	DRAWN - CBP	REVISED -
PLOT DATE = 1/19/2017	CHECKED - AAP	REVISED -
	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS PLANS
7TH AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

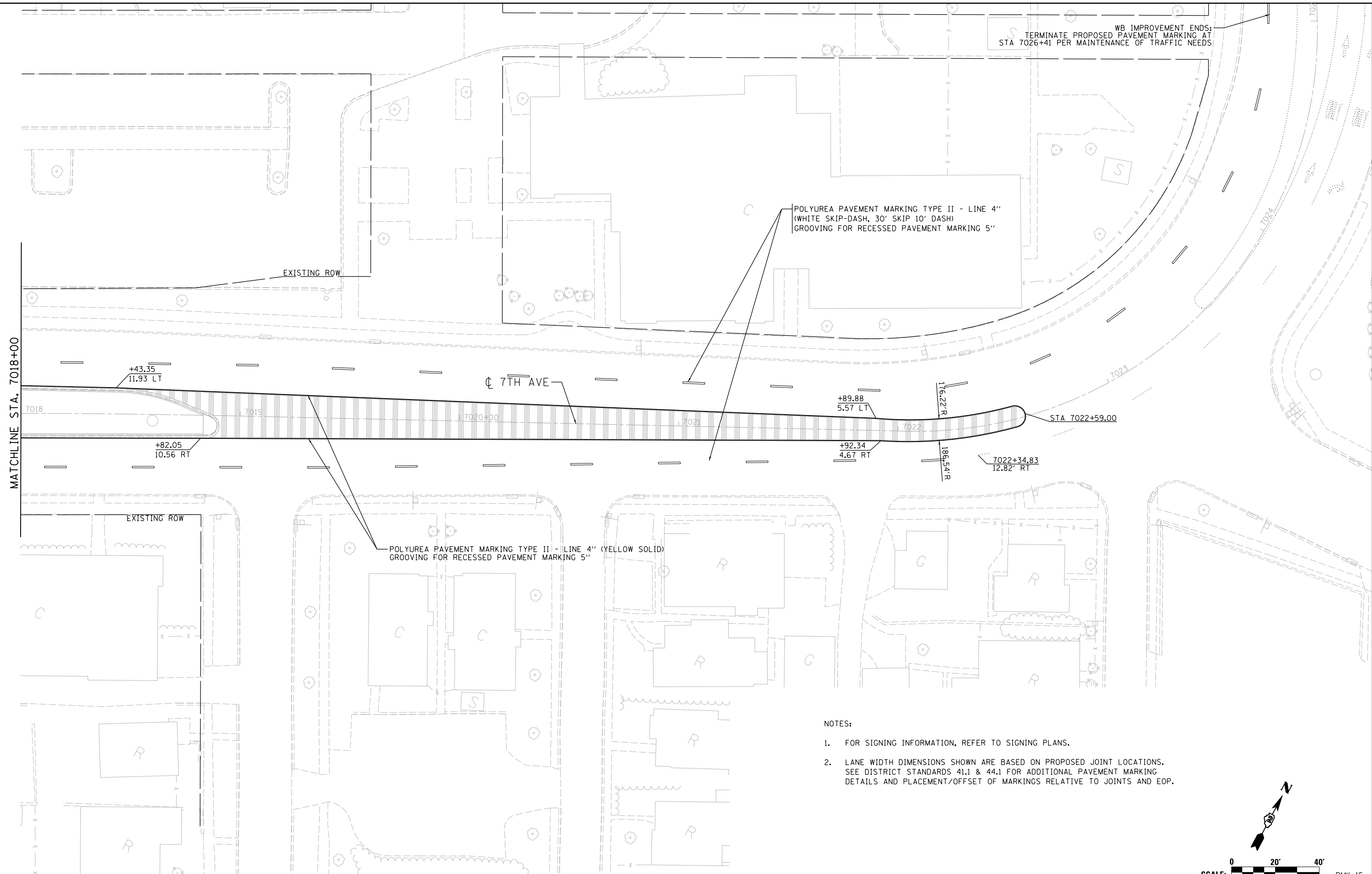


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	442
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

PMK-14

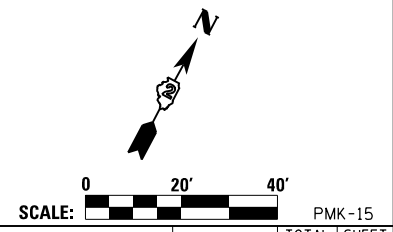


© Copyright Hanson Professional Services, Inc.



NOTES:

1. FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
2. LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.



LAYOUT	CBP	10/6/2014
DRAWN	CBP	10/6/2014
REVIEWED	AAP	10/27/2015

FILE NAME =	D2CONAB-HP5-sht\pmk019L.dgn	USER NAME =	hehm01663	DESIGNED -	CBP	REVISED -	
				DRAWN -	CBP	REVISED -	
		PLOT SCALE =	1" = 20'	CHECKED -	AAP	REVISED -	
		PLOT DATE =	1/19/2017	DATE -	1/20/2017	REVISED -	

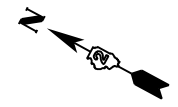
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS PLANS
7TH AVENUE

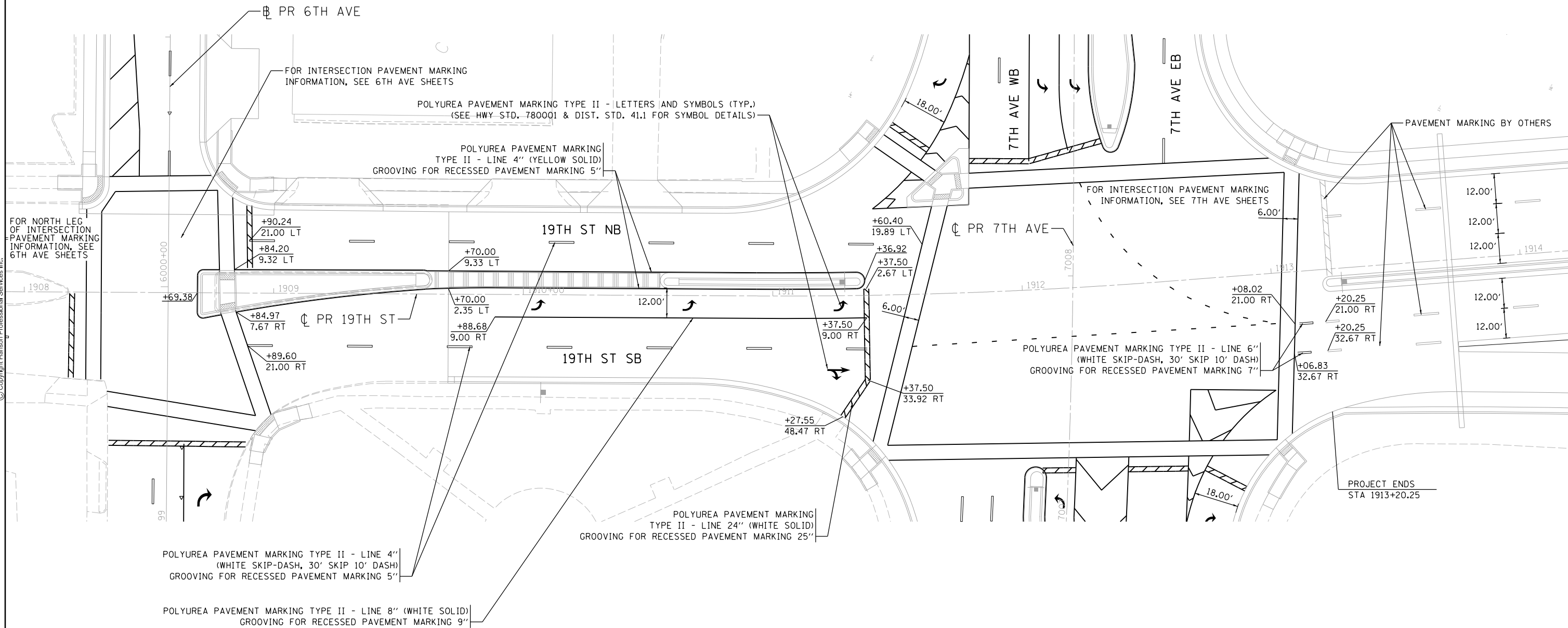
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	443
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

PMK-15



© Copyright Hanson Professional Services, Inc.



NOTES:

- FOR SIGNING INFORMATION, REFER TO SIGNING PLANS.
- LANE WIDTH DIMENSIONS SHOWN ARE BASED ON PROPOSED JOINT LOCATIONS. SEE DISTRICT STANDARDS 41.1 & 44.1 FOR ADDITIONAL PAVEMENT MARKING DETAILS AND PLACEMENT/OFFSET OF MARKINGS RELATIVE TO JOINTS AND EOP.

LAYOUT	CBP	10/07/2014
DRAWN	CBP	10/07/2014
REVIEWED	AAP	10/07/2015

FILE NAME =	D2CONAB-HP5-sht-pmk020L.dgn	USER NAME =	hehn01663	DESIGNED -	CBP	REVISED -	
		DRAWN -	CBP	CHECKED -	AAP	REVISED -	
		PLOT SCALE =	1" = 20'	DATE -	1/20/2017	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKINGS PLANS
19TH STREET**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.



SCALE:		PMK-16	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504
CONTRACT NO.			SHEET NO.
ILLINOIS FED. AID PROJECT			444
			64C08



© Copyright Hanson Professional Services Inc.



LAYOUT	RLT	10/6/2014
DRAWN	RLT	10/6/2014
REVIEWED	AAP/JJW	11/24/2014

FILE NAME = D2CONAB-HP5-sht-elev08M.dgn
 USER NAME = hehm01663

DESIGNED - RLT	REVISED -
DRAWN - RLT	REVISED -
CHECKED - AAP/JJW	REVISED -
DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

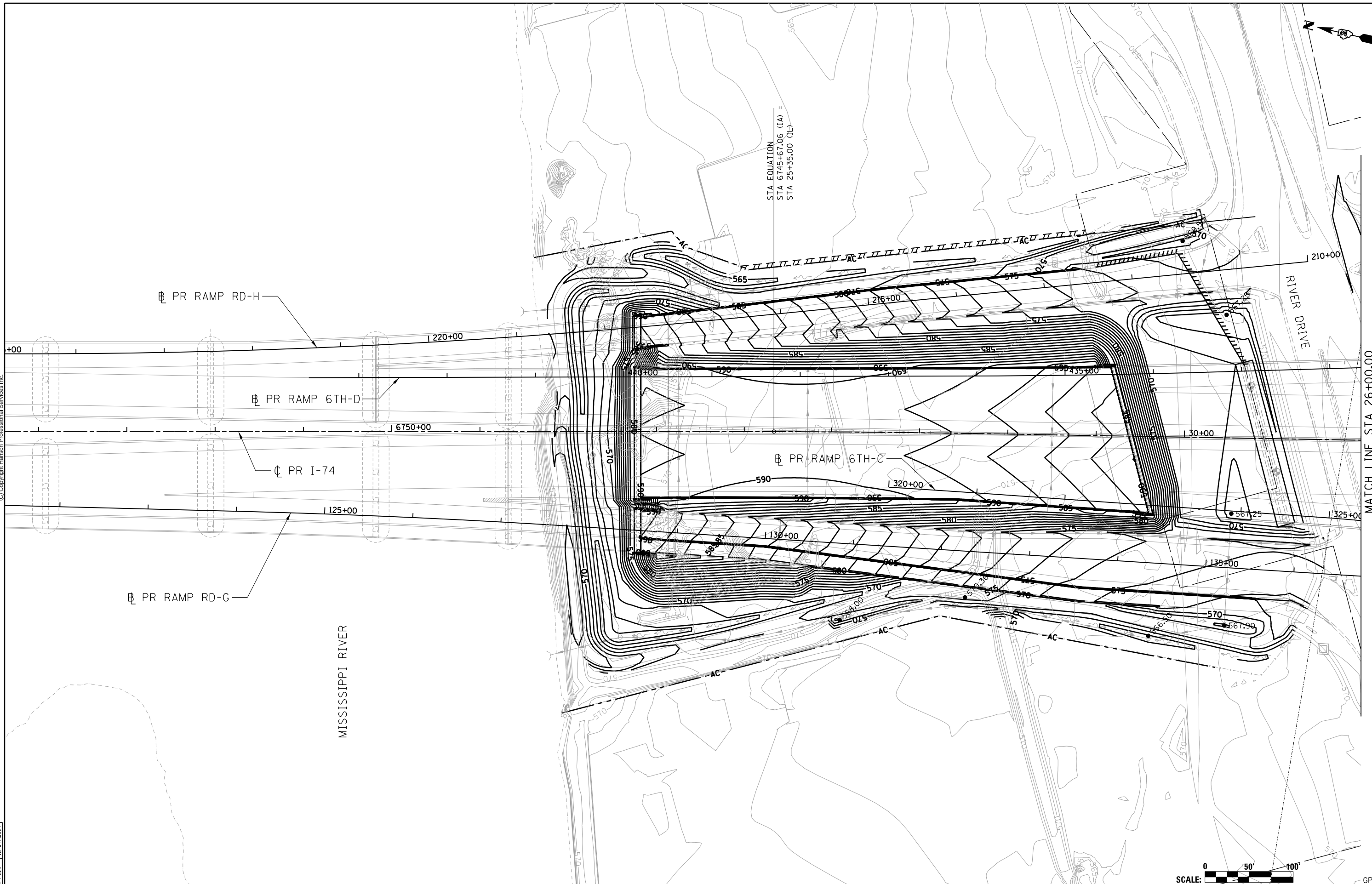
**GRADING PLANS
I-74 MAINLINE - TEMPORARY
STAGE 2**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 26+00 TO STA. 41+00

F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	445
CONTRACT NO. 64C08			GPT-01	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services Inc.



STA EQUATION
STA 6745+67.06 (1A) =
STA 25+35.00 (1L)

RIVER DRIVE

MISSISSIPPI RIVER

MATCH LINE STA 26+00.00

LAYOUT	RLT	10/6/2014
DRAWN	RLT	10/6/2014
REVIEWED	AAP/JJW	11/24/2014

FILE NAME = D2CONAB-HP5-sht-elev002M.dgn
 USER NAME = hehm01663

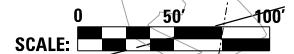
DESIGNED	-	RLT	REVISED	-
DRAWN	-	RLT	REVISED	-
CHECKED	-	AAP/JJW	REVISED	-
DATE	-	1/20/2017	REVISED	-

PLOT SCALE	=	1" = 50'
PLOT DATE	=	1/19/2017

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRADING PLANS
I-74 MAINLINE**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 6754+00 TO STA. 32+00



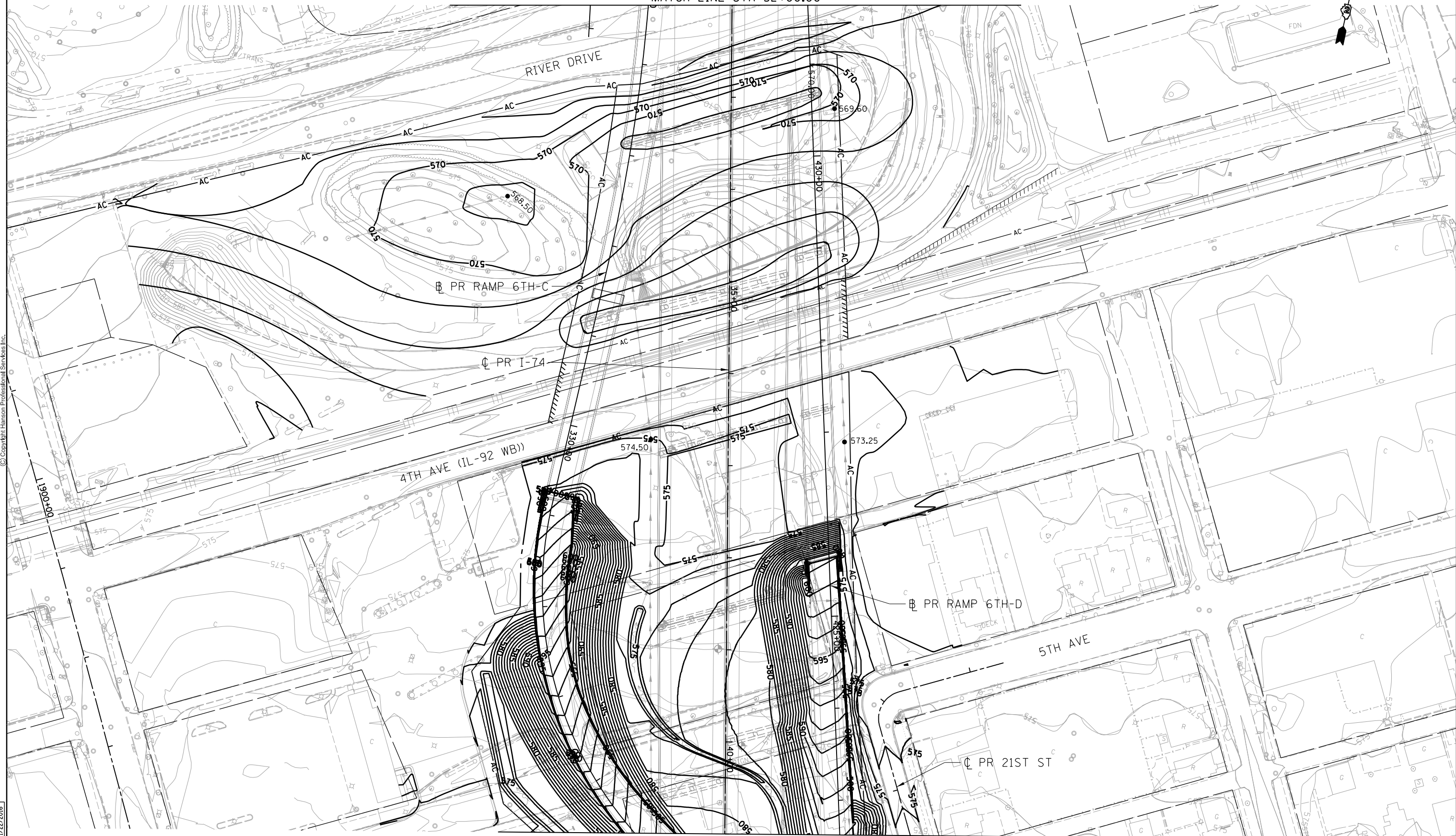
SCALE:		GP-01		
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	446
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	



© Copyright Hanson Professional Services Inc.



MATCH LINE STA 32+00.00



MATCH LINE STA 41+00.00



LAYOUT	RLT	10/6/2014
DRAWN	RLT	10/6/2014
REVIEWED	AAP/JJW	1/22/2016

FILE NAME =
D2CONAB-HP5-sht-elev003M.dgn

USER NAME = hehm01663
DESIGNED - RLT
DRAWN - RLT
PLOT SCALE = 1" = 50'
PLOT DATE = 1/19/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

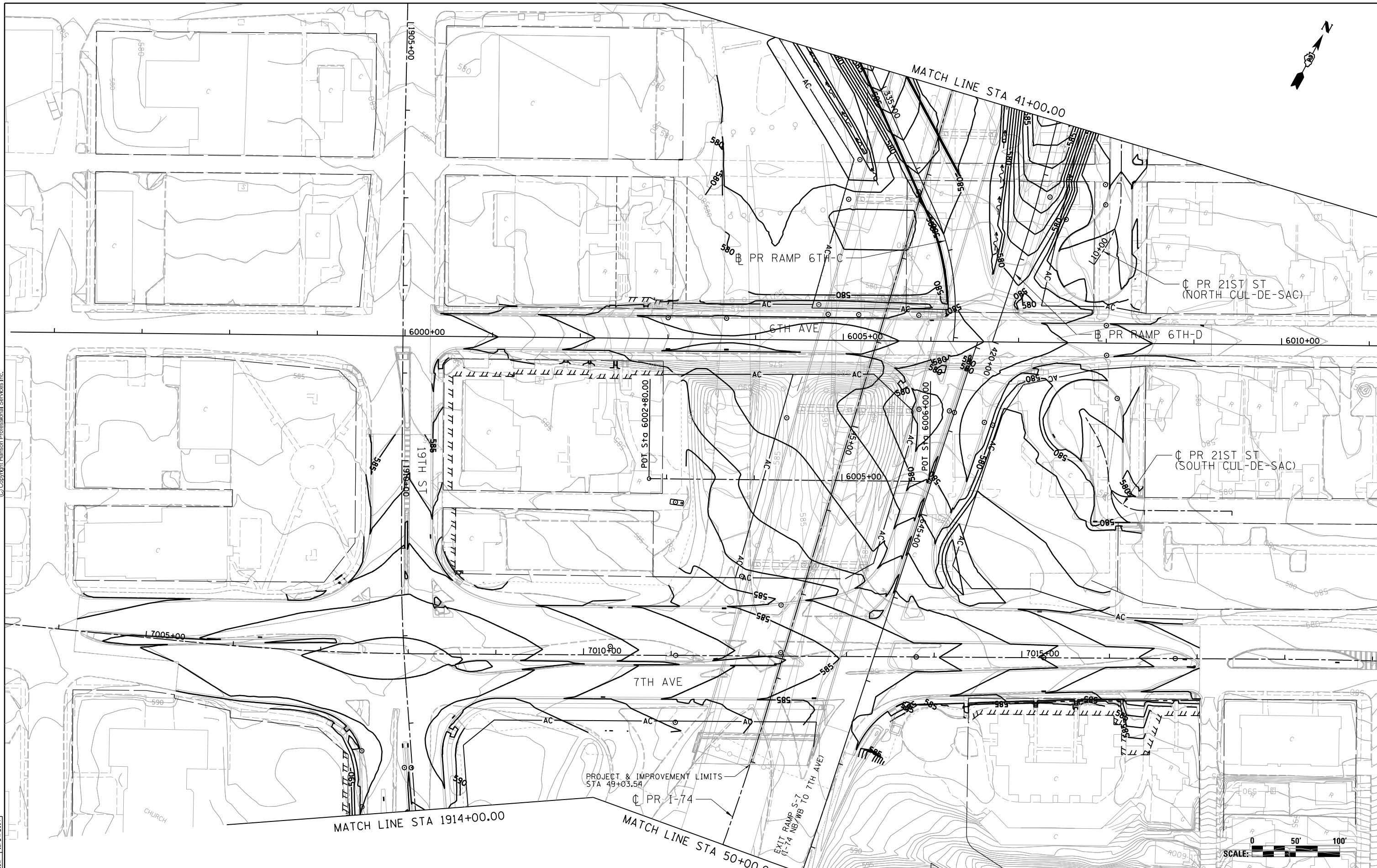
**GRADING PLANS
I-74 MAINLINE**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 32+00 TO STA. 41+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	447
CONTRACT NO. 64C08			GP-02	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services Inc.



LAYOUT	RLT	10/6/2014
DRAWN	RLT	10/6/2014
REVIEWED	AAP/JJW	11/24/2014

FILE NAME = D2CONAB-HP5-sht-elev004M.dgn

USER NAME = hehm01663
 DESIGNED - RLT
 DRAWN - RLT
 CHECKED - AAP/JJW
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

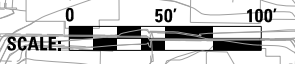
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GRADING PLANS
 I-74 MAINLINE**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 41+00 TO STA. 50+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	448
				CONTRACT NO. 64C08

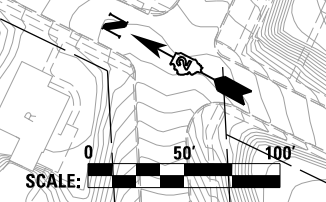
ILLINOIS FED. AID PROJECT



GP-03



© Copyright Hanson Professional Services Inc.



LAYOUT	RLT	12/22/2016
DRAWN	RLT	12/22/2016
REVIEWED	AAP/JJW	1/16/2017

FILE NAME = D2CONAB-HP5-sht-elev026M.dgn
 USER NAME = hehm01663

DESIGNED - RLT
 DRAWN - RLT
 CHECKED - AAP/JJW
 PLOT DATE = 1/19/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GRADING PLANS
 I-74 MAINLINE**

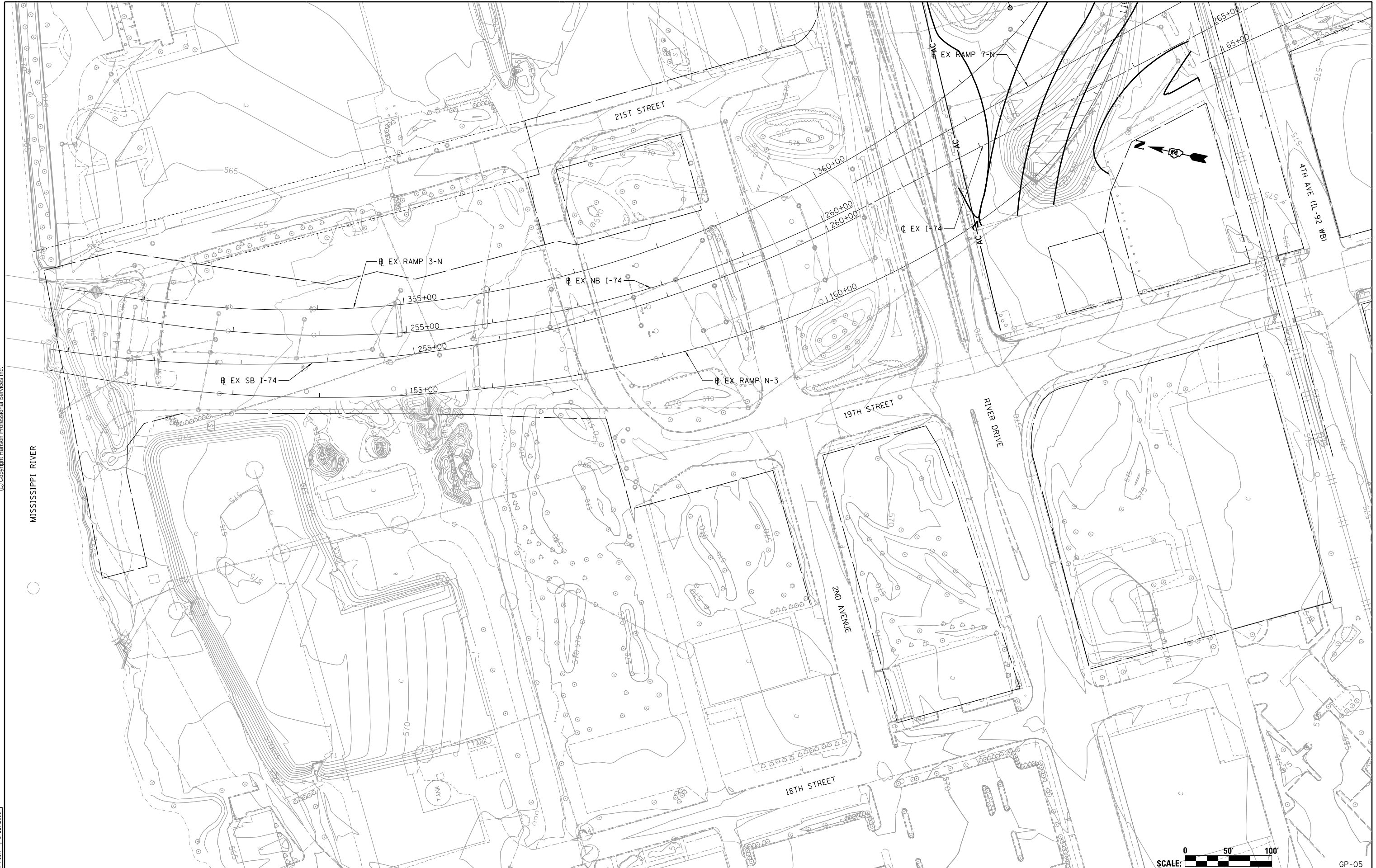
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 1914+00 TO STA. 1929+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	449
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				

GP-04



© Copyright Hanson Professional Services Inc.



LAYOUT	CBP	10/6/2014
DRAWN	RLT	10/6/2014
REVIEWED	AAP/JJW	1/22/2016

FILE NAME = D2CONAB-HP5-sht-elev05M.dgn

USER NAME = hehm01663
 DESIGNED - CBP
 DRAWN - RLT
 PLOT SCALE = 1" = 50'
 PLOT DATE = 1/19/2017

REVISIONS
 REVISION NO. | DATE | BY | DESCRIPTION
 1 | 1/20/2017 | | |
 2 | 1/20/2017 | | |
 3 | 1/20/2017 | | |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

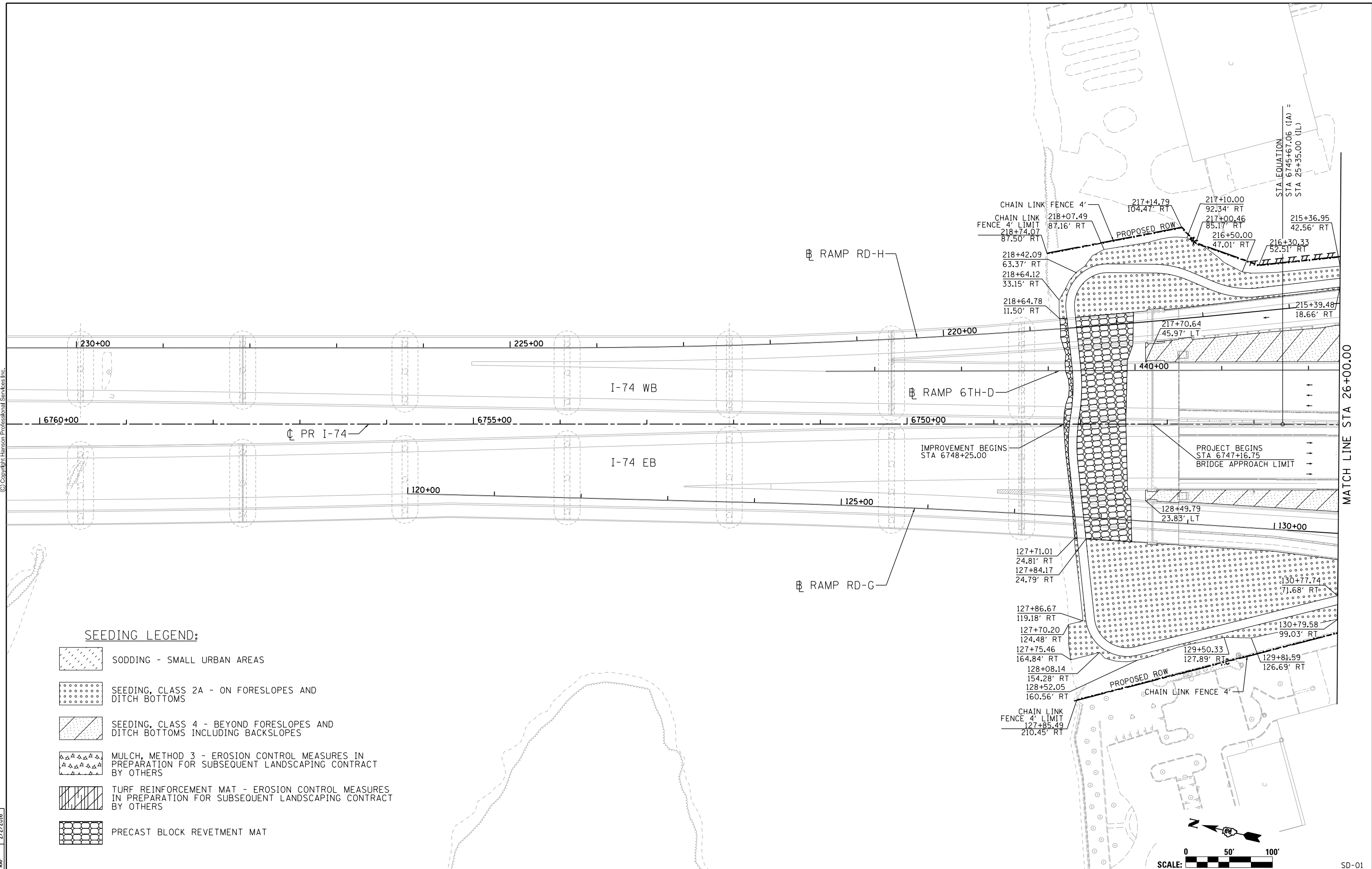
**GRADING PLANS
 I-74 MAINLINE**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 251+00 TO STA. 264+00

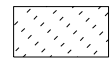
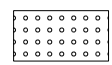
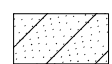
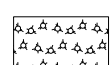

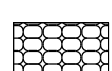
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	450
CONTRACT NO. 64C08			GP-05	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services Inc.



SEEDING LEGEND:

-  SODDING - SMALL URBAN AREAS
-  SEEDING, CLASS 2A - ON FORESLOPES AND DITCH BOTTOMS
-  SEEDING, CLASS 4 - BEYOND FORESLOPES AND DITCH BOTTOMS INCLUDING BACKSLOPES
-  MULCH, METHOD 3 - EROSION CONTROL MEASURES IN PREPARATION FOR SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS
-  TURF REINFORCEMENT MAT - EROSION CONTROL MEASURES IN PREPARATION FOR SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS
-  PRECAST BLOCK REVETMENT MAT

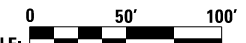
LAYOUT	CBP	11/24/2014
DRAWN	CBP	11/24/2014
REVIEWED	AAP	2/2/2016

FILE NAME =	D2CONAB-HP5-sht-1ndscp001M.dgn	USER NAME =	hehm01663	DESIGNED -	CBP	REVISED -	
		DRAWN -	CBP	CHECKED -	AAP	REVISED -	
		DATE -	1/20/2017				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEEDING PLANS
I-74 MAINLINE AND LOCAL ROADS

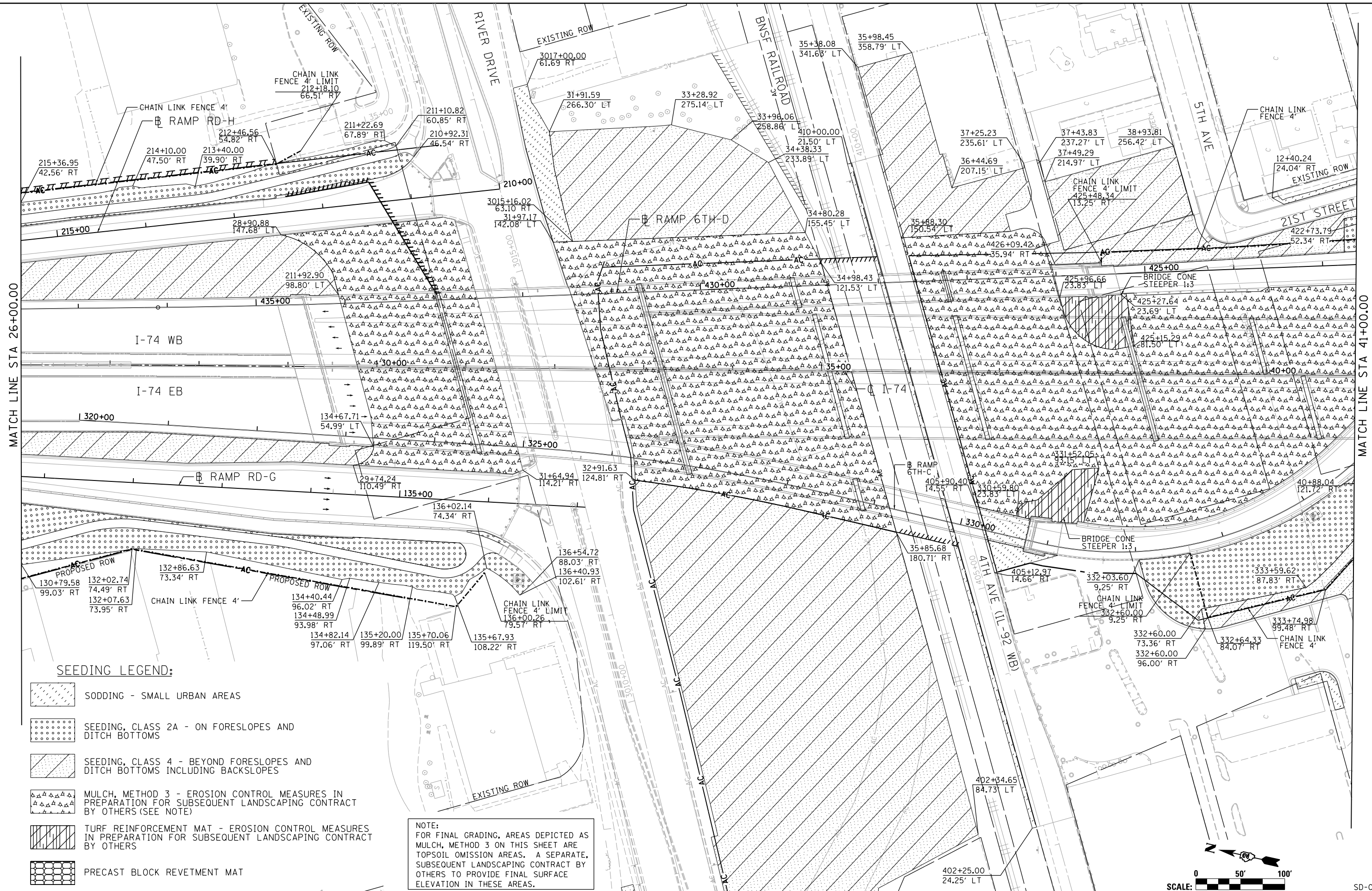
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 6760+00 TO STA. 26+00

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







MATCH LINE STA 26+00.00



© Copyright Hanson Professional Services Inc.



SEEDING LEGEND:

-  SODDING - SMALL URBAN AREAS
-  SEEDING, CLASS 2A - ON FORESLOPES AND DITCH BOTTOMS
-  SEEDING, CLASS 4 - BEYOND FORESLOPES AND DITCH BOTTOMS INCLUDING BACKSLOPES
-  MULCH, METHOD 3 - EROSION CONTROL MEASURES IN PREPARATION FOR SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS (SEE NOTE)
-  TURF REINFORCEMENT MAT - EROSION CONTROL MEASURES IN PREPARATION FOR SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS
-  PRECAST BLOCK REVETMENT MAT

NOTE:
FOR FINAL GRADING, AREAS DEPICTED AS MULCH, METHOD 3 ON THIS SHEET ARE TOPSOIL OMISSION AREAS. A SEPARATE, SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS TO PROVIDE FINAL SURFACE ELEVATION IN THESE AREAS.

LAYOUT	11/24/2014
DRAWN	CBP
REVIEWED	AAP
	2/2/2016

FILE NAME = 02CONAB-HP5-sh1-Indscp002M.dgn

USER NAME = hehm01663	DESIGNED - CBP	REVISED -
PLOT SCALE = 1" = 50'	DRAWN - CBP	REVISED -
PLOT DATE = 1/19/2017	CHECKED - AAP	REVISED -
	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SEEDING PLANS
I-74 MAINLINE AND LOCAL ROADS**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 26+00 TO STA. 41+00

SCALE: 0 50' 100'

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	452
CONTRACT NO. 64C08			SD-02	

ILLINOIS FED. AID PROJECT



© Copyright Hanson Professional Services Inc.

SEEDING LEGEND:

- SODDING - SMALL URBAN AREAS
- SEEDING, CLASS 2A - ON FORESLOPES AND DITCH BOTTOMS
- SEEDING, CLASS 4 - BEYOND FORESLOPES AND DITCH BOTTOMS INCLUDING BACKSLOPES
- MULCH, METHOD 3 - EROSION CONTROL MEASURES IN PREPARATION FOR SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS (SEE NOTE)
- TURF REINFORCEMENT MAT - EROSION CONTROL MEASURES IN PREPARATION FOR SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS
- PRECAST BLOCK REVETMENT MAT

NOTE:
FOR FINAL GRADING, AREAS DEPICTED AS
MULCH, METHOD 3 ON THIS SHEET ARE
TOPSOIL OMISSION AREAS. A SEPARATE,
SUBSEQUENT LANDSCAPING CONTRACT BY
OTHERS TO PROVIDE FINAL SURFACE
ELEVATION IN THESE AREAS.

LAYOUT	11/24/2014
DRAWN	CBP
REVIEWED	AAP
	11/24/2014
	2/2/2016

FILE NAME = D2CONAB-HPS-hst-Indscp003M.dgn
USER NAME = hehm01663

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

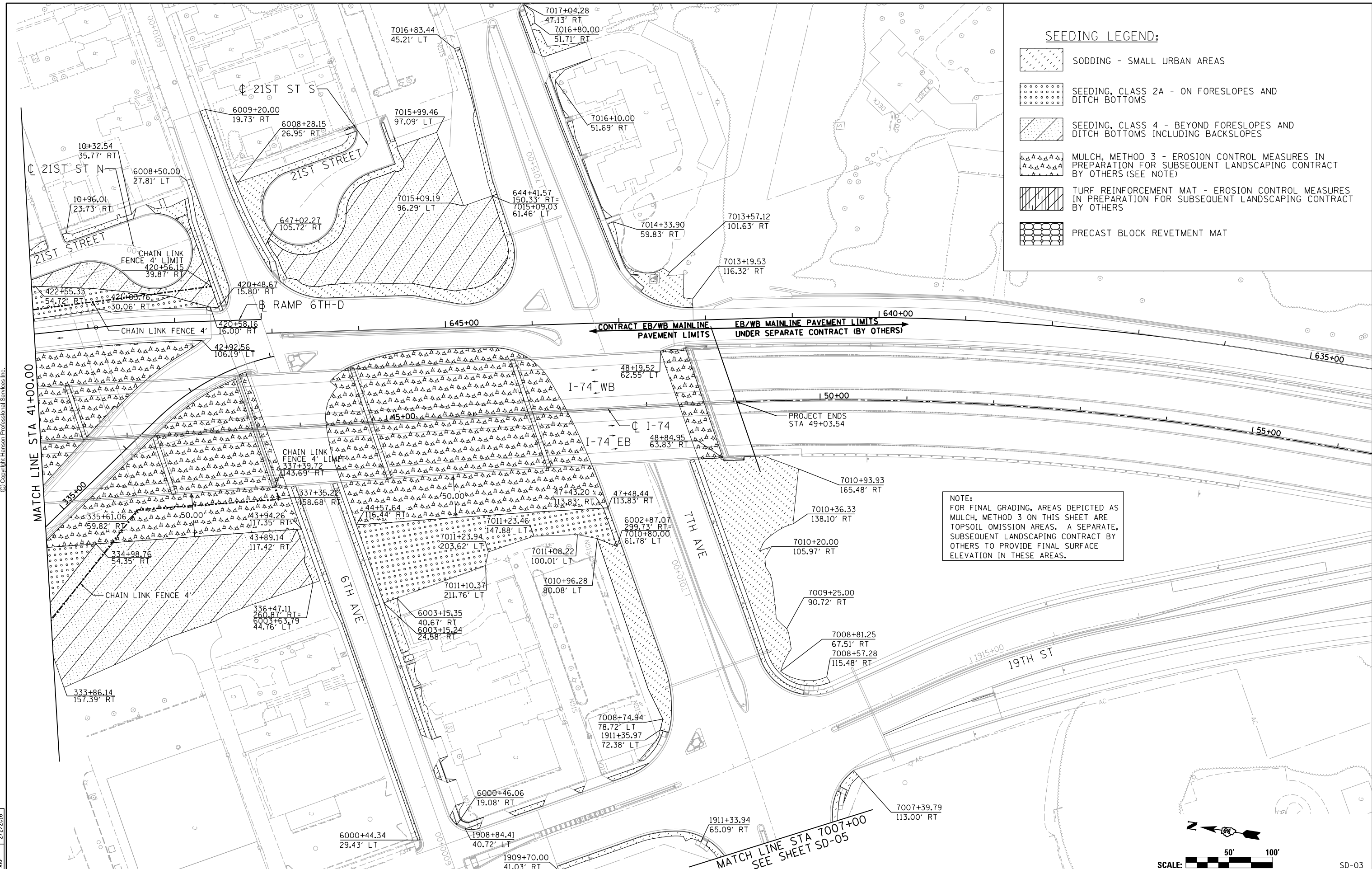
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 41+00 TO STA. 56+00

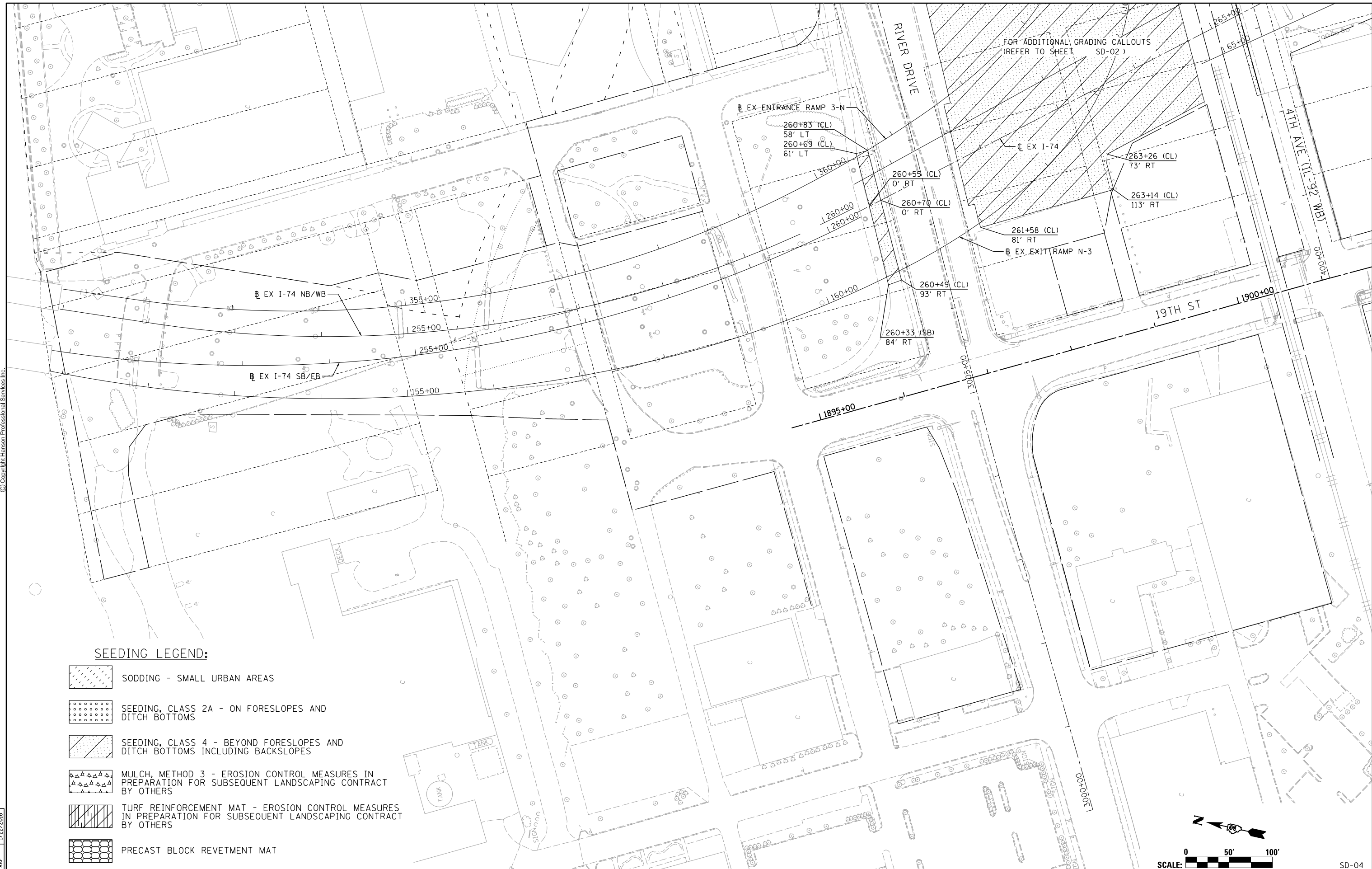
SEEDING PLANS
I-74 MAINLINE AND LOCAL ROADS

SCALE:		SD-03	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1)R & 81-IHVR	ROCK ISLAND	1504
CONTRACT NO. 64C08			SHEET NO. 453
ILLINOIS FED. AID PROJECT			




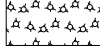






© Copyright Hanson Professional Services Inc.



SEEDING LEGEND:

-  SODDING - SMALL URBAN AREAS
-  SEEDING, CLASS 2A - ON FORESLOPES AND DITCH BOTTOMS
-  SEEDING, CLASS 4 - BEYOND FORESLOPES AND DITCH BOTTOMS INCLUDING BACKSLOPES
-  MULCH, METHOD 3 - EROSION CONTROL MEASURES IN PREPARATION FOR SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS
-  TURF REINFORCEMENT MAT - EROSION CONTROL MEASURES IN PREPARATION FOR SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS
-  PRECAST BLOCK REVETMENT MAT

LAYOUT	CBP	11/24/2014
DRAWN	CBP	11/24/2014
REVIEWED	AAP	1/22/2016

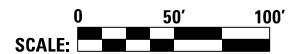
FILE NAME = D2CONAB-HP5-sht-1Indscp05M.dgn
 USER NAME = hehm01663

DESIGNED - CBP	REVISED -
DRAWN - CBP	REVISED -
CHECKED - AAP	REVISED -
DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SEEDING PLANS
I-74 MAINLINE**

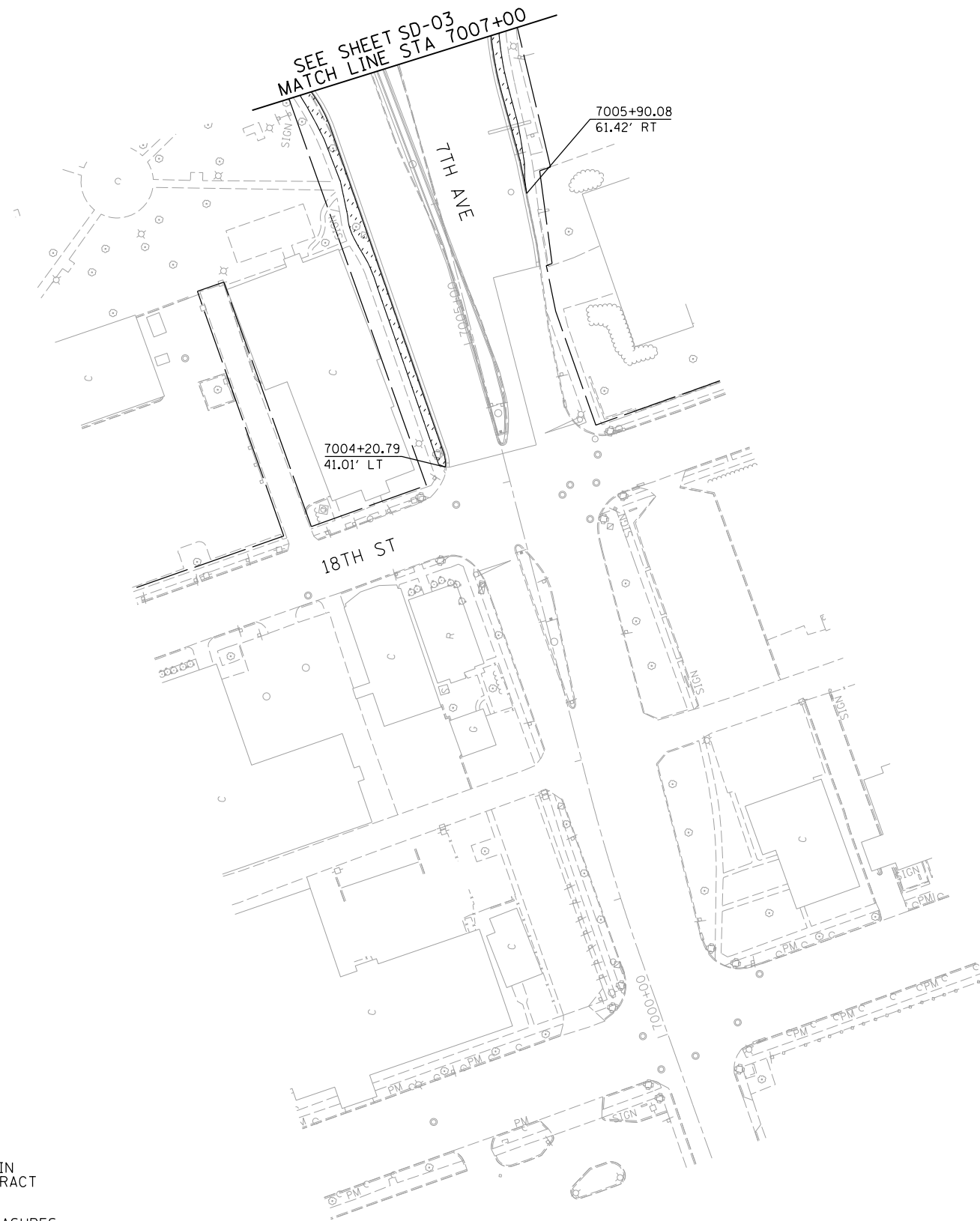
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 251+00 TO STA. 264+00



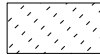
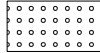
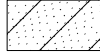
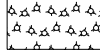


SCALE: 1" = 50'		SD-04	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504
		CONTRACT NO.	64C08
		ILLINOIS FED. AID PROJECT	



© Copyright Hanson Professional Services Inc.



SEEDING LEGEND:

-  SODDING - SMALL URBAN AREAS
-  SEEDING, CLASS 2A - ON FORESLOPES AND DITCH BOTTOMS
-  SEEDING, CLASS 4 - BEYOND FORESLOPES AND DITCH BOTTOMS INCLUDING BACKSLOPES
-  MULCH, METHOD 3 - EROSION CONTROL MEASURES IN PREPARATION FOR SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS
-  TURF REINFORCEMENT MAT - EROSION CONTROL MEASURES IN PREPARATION FOR SUBSEQUENT LANDSCAPING CONTRACT BY OTHERS
-  PRECAST BLOCK REVETMENT MAT

LAYOUT	CBP	11/24/2014
DRAWN	CBP	11/24/2014
REVIEWED	AAP	1/22/2016

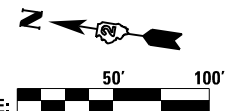
FILE NAME = D2CONAB-HP5-sht-1ndscp006M.dgn


USER NAME = hehm01663	DESIGNED - CBP	REVISED -
PLOT SCALE = 1" = 50'	DRAWN - CBP	REVISED -
PLOT DATE = 1/19/2017	CHECKED - AAP	REVISED -
	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SEEDING PLANS
7TH AVE**

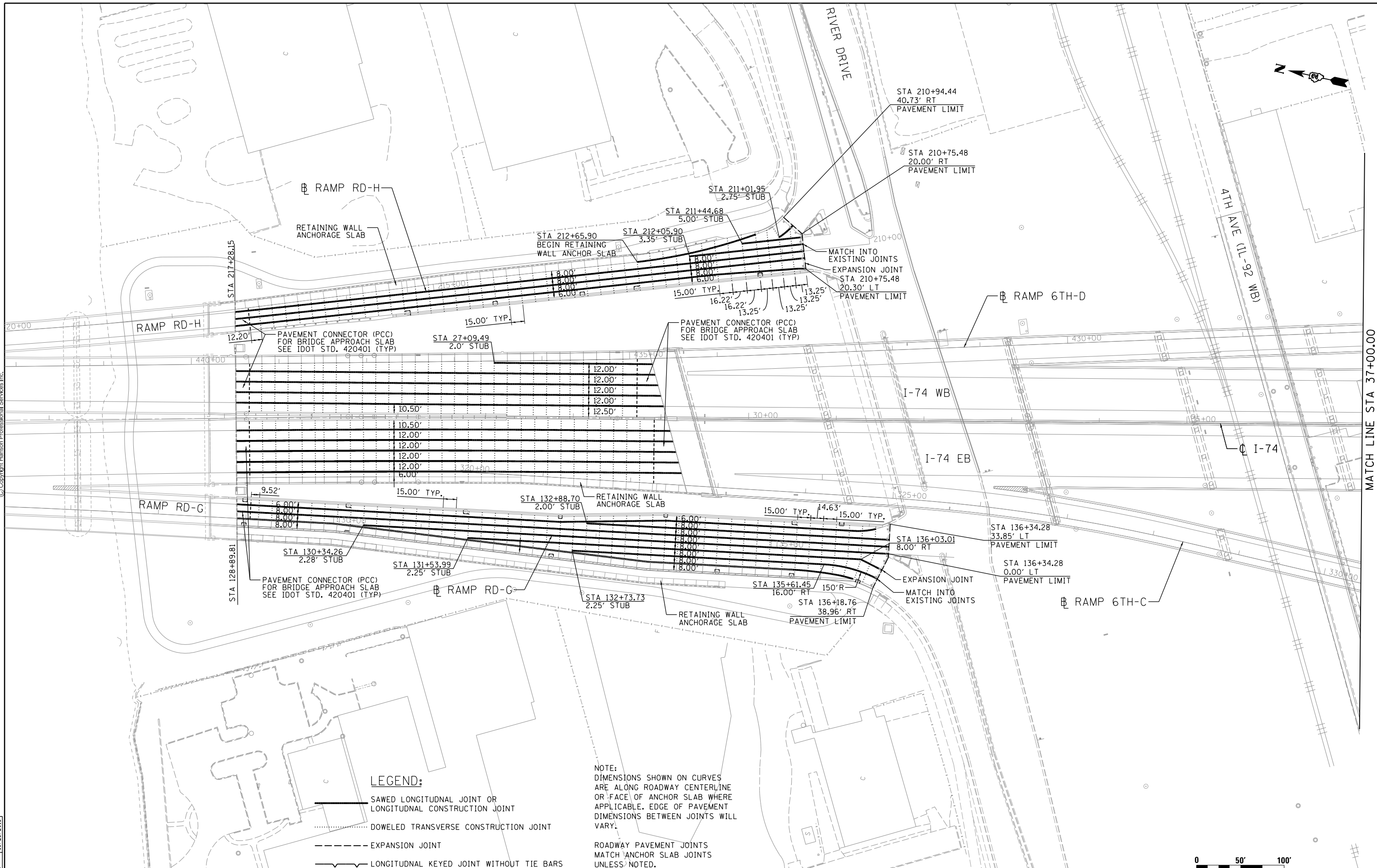
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 7000+00 TO STA. 7007+00



SCALE: 		SD-05	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504
CONTRACT NO. 64C08			SHEET NO. 455
ILLINOIS FED. AID PROJECT			



© Copyright Hanson Professional Services Inc.



- LEGEND:**
- SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
 - DOWELED TRANSVERSE CONSTRUCTION JOINT
 - - - - - EXPANSION JOINT
 - LONGITUDINAL KEYED JOINT WITHOUT TIE BARS

NOTE:
DIMENSIONS SHOWN ON CURVES
ARE ALONG ROADWAY CENTERLINE
OR FACE OF ANCHOR SLAB WHERE
APPLICABLE. EDGE OF PAVEMENT
DIMENSIONS BETWEEN JOINTS WILL
VARY.

ROADWAY PAVEMENT JOINTS
MATCH ANCHOR SLAB JOINTS
UNLESS NOTED.

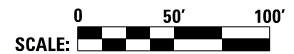
LAYOUT	CBP	10/9/2014
DRAWN	CBP	10/16/2014
REVIEWED	DAW	10/23/2015

FILE NAME = D2CONAB-HP5-sht-plan14M.dgn

USER NAME = hehm01663	DESIGNED - CBP	REVISED -
PLOT SCALE = 1" = 50'	DRAWN - CBP	REVISED -
PLOT DATE = 1/19/2017	CHECKED - DAW	REVISED -
	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOINTING PLANS			
RAMP RD-G AND RAMP RD-H			
SCALE: 1" = 50'	SHEET NO.	OF SHEETS	STA. TO STA.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	456
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

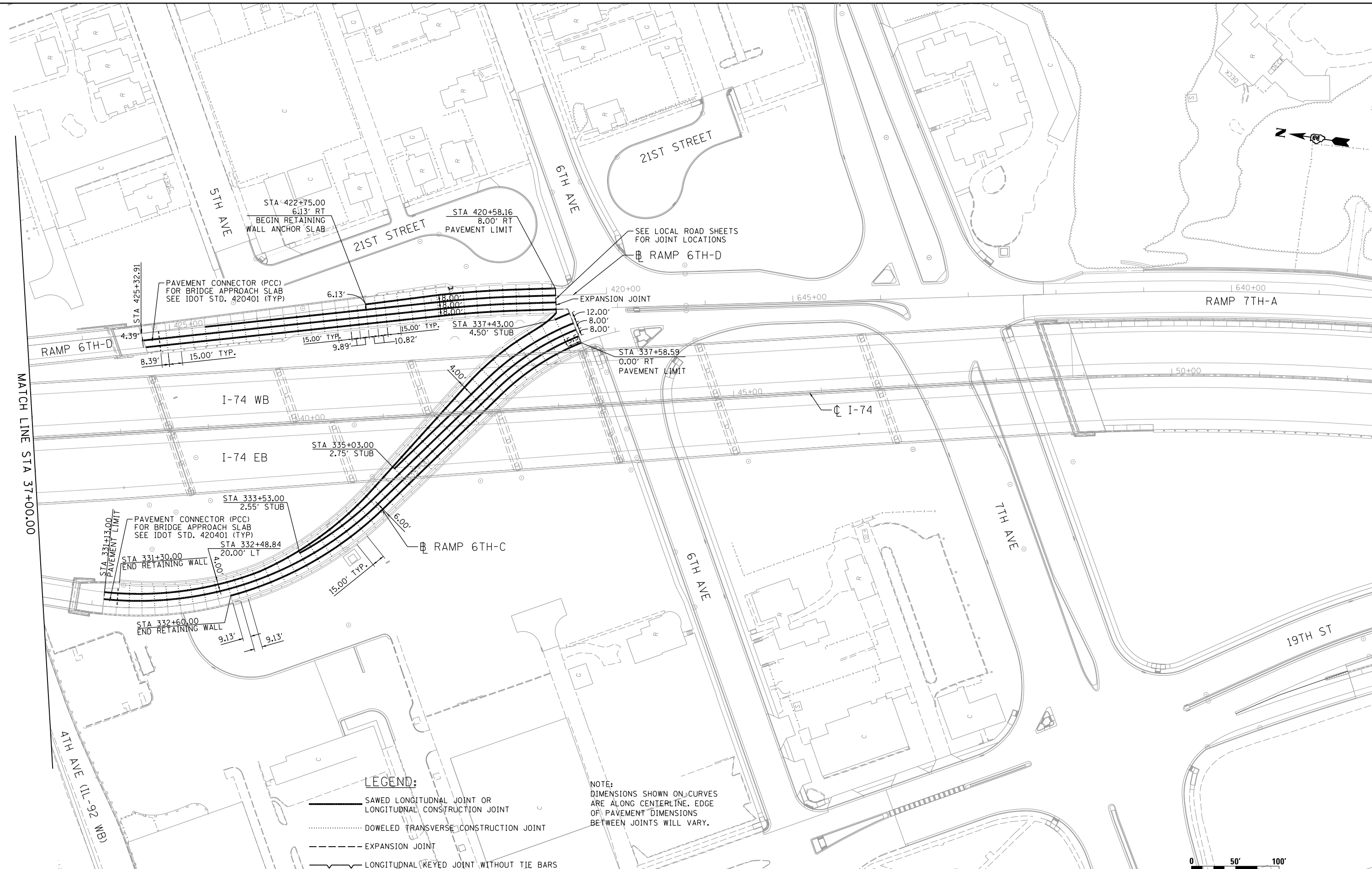
MATCH LINE STA 37+00.00

JT-01



© Copyright Hanson Professional Services Inc.

MATCH LINE STA 37+00.00



- LEGEND:**
- SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
 - DOWELED TRANSVERSE CONSTRUCTION JOINT
 - - - - - EXPANSION JOINT
 - ~ LONGITUDINAL KEYED JOINT WITHOUT TIE BARS

NOTE:
DIMENSIONS SHOWN ON CURVES ARE ALONG CENTERLINE. EDGE OF PAVEMENT DIMENSIONS BETWEEN JOINTS WILL VARY.

LAYOUT	10/9/2014
DRAWN	10/16/2014
REVIEWED	10/23/2015

FILE NAME = D2CONAB-HP5-sht-plen15M.dgn

USER NAME = hehm01663

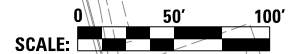
DESIGNED - CBP
DRAWN - CBP
CHECKED - DAW
PLOT DATE = 1/19/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
RAMP 6TH-C AND RAMP 6TH-D**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

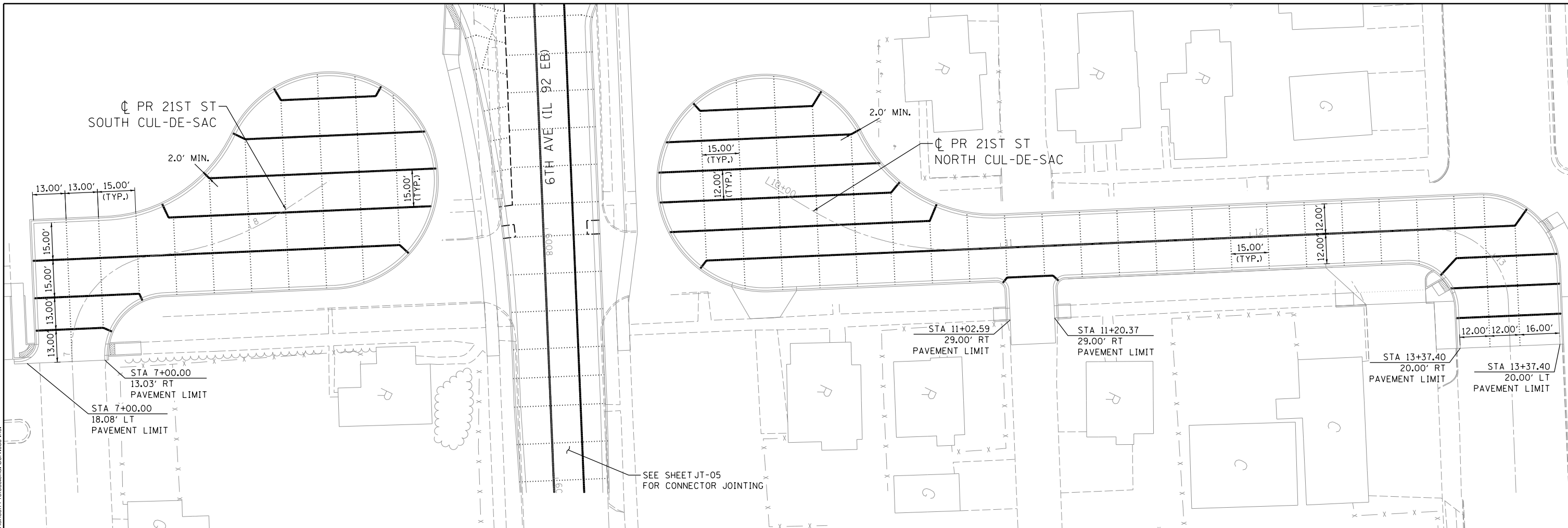


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	457
CONTRACT NO. 64C08			JT-02	

ILLINOIS FED. AID PROJECT



© Copyright Hanson Professional Services, Inc.



SEE SHEET JT-05 FOR CONNECTOR JOINTING

LEGEND:

- SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
- DOWELED TRANSVERSE CONSTRUCTION JOINT
- - - - - EXPANSION JOINT
- ~ ~ ~ ~ ~ LONGITUDINAL KEYPED JOINT WITHOUT TIE BARS

NOTE:
DIMENSIONS SHOWN ON CURVES ARE ALONG CENTERLINE. EDGE OF PAVEMENT DIMENSIONS BETWEEN JOINTS WILL VARY.

LAYOUT	CBP	10/9/2014
DRAWN	CBP	10/16/2014
REVIEWED	DAW	10/23/2015

FILE NAME =	D2CONAB-HP5-sht-p1en22L.dgn	USER NAME =	hehn01663	DESIGNED -	CBP	REVISED -	
		PLOT SCALE =	1" = 20'	DRAWN -	CBP	REVISED -	
		CHECKED -	DAW	DATE -	1/20/2017	REVISED -	
		PLOT DATE =	1/19/2017				

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
21ST STREET**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

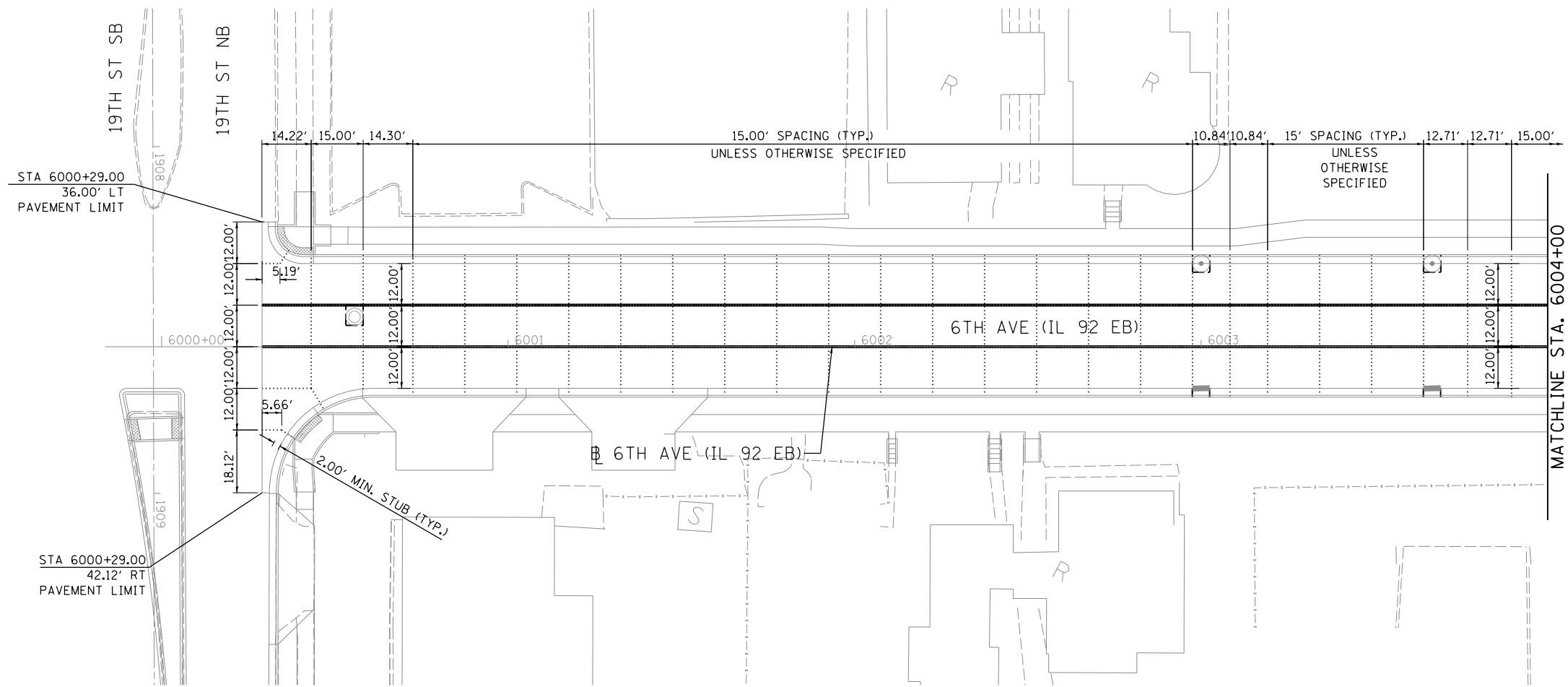


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	458
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

JT-03



© Copyright Hanson Professional Services, Inc.



LEGEND:

- SAWED LONGITUDNAL JOINT OR LONGITUDNAL CONSTRUCTION JOINT
- DOWELED TRANSVERSE CONSTRUCTION JOINT
- EXPANSION JOINT
- ~~~~~ LONGITUDNAL KEYED JOINT WITHOUT TIE BARS

NOTE:
DIMENSIONS SHOWN ON CURVES
ARE ALONG CENTERLINE. EDGE
OF PAVEMENT DIMENSIONS
BETWEEN JOINTS WILL VARY.

LAYOUT	CBP	10/9/2014
DRAWN	CBP	10/16/2014
REVIEWED	DAW	10/23/2015

FILE NAME =	USER NAME = hehn01663	DESIGNED - CBP	REVISED -
D2CONAB-HP5-sht-plan07L.dgn		DRAWN - CBP	REVISED -
	PLOT SCALE = 1" = 20'	CHECKED - DAW	REVISED -
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
6TH AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 6000+00 TO STA. 6004+00



SCALE: 0 20' 40'		JT-04		
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	459
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				



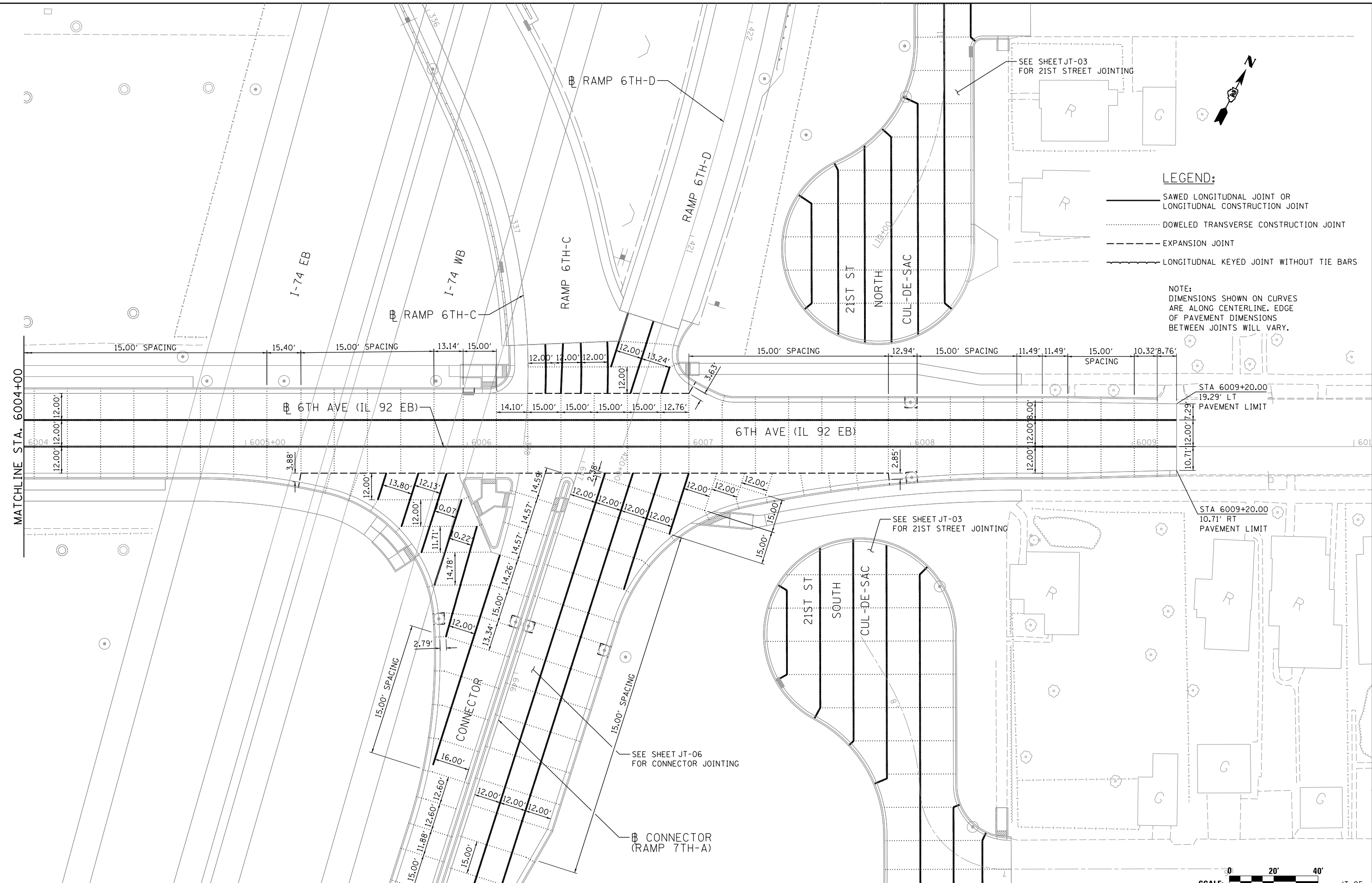
© Copyright Hanson Professional Services, Inc.



LEGEND:

- SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
- DOWELED TRANSVERSE CONSTRUCTION JOINT
- - - - - EXPANSION JOINT
- ~ ~ ~ ~ ~ LONGITUDINAL KEYED JOINT WITHOUT TIE BARS

NOTE:
DIMENSIONS SHOWN ON CURVES ARE ALONG CENTERLINE. EDGE OF PAVEMENT DIMENSIONS BETWEEN JOINTS WILL VARY.



MATCHLINE STA. 6004+00

STA 6009+20.00
19.29' LT
PAVEMENT LIMIT

STA 6009+20.00
10.71' RT
PAVEMENT LIMIT

SEE SHEET JT-06
FOR CONNECTOR JOINTING

SEE SHEET JT-03
FOR 21ST STREET JOINTING

SEE SHEET JT-03
FOR 21ST STREET JOINTING

CONNECTOR
(RAMP 7TH-A)

21ST ST
SOUTH
CUL-DE-SAC

21ST ST
NORTH
CUL-DE-SAC

RAMP 6TH-D

RAMP 6TH-D

RAMP 6TH-C

RAMP 6TH-C

I-74 EB

I-74 WB

6TH AVE (IL 92 EB)

6TH AVE (IL 92 EB)

CONNECTOR

LAYOUT	CBP	10/9/2014
DRAWN	CBP	10/16/2014
REVIEWED	DAW	10/23/2015

FILE NAME = D2CONAB-HP5-sht-plan08L.dgn
 USER NAME = hehn01663
 PLOT SCALE = 1" = 20'
 PLOT DATE = 1/19/2017

DESIGNED - CBP	REVISD -
DRAWN - CBP	REVISD -
CHECKED - DAW	REVISD -
DATE - 1/20/2017	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
6TH AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 6004+00 TO STA. 6010+00

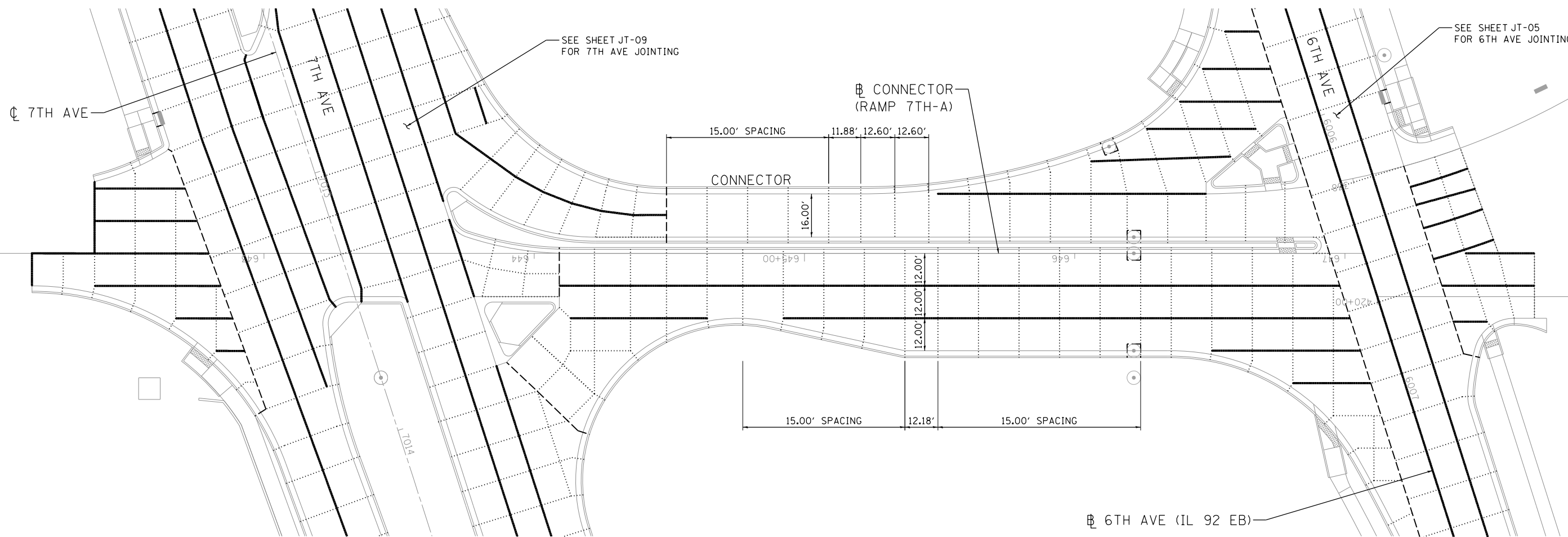


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	460
CONTRACT NO. 64C08			JT-05	





ILLINOIS FED. AID PROJECT



© Copyright Hanson Professional Services, Inc.



LEGEND:

-  SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
-  DOWELED TRANSVERSE CONSTRUCTION JOINT
-  EXPANSION JOINT
-  LONGITUDINAL KEYED JOINT WITHOUT TIE BARS

NOTE:
DIMENSIONS SHOWN ON CURVES
ARE ALONG CENTERLINE. EDGE
OF PAVEMENT DIMENSIONS
BETWEEN JOINTS WILL VARY.

LAYOUT	CBP	10/9/2014
DRAWN	CBP	10/16/2014
REVIEWED	DAW	10/23/2015

FILE NAME = D2CONAB-HP5-sht-p1en24L.dgn

USER NAME = hehn01663
 DESIGNED - CBP
 DRAWN - CBP
 CHECKED - DAW
 PLOT SCALE = 1" = 20'
 PLOT DATE = 1/19/2017

DESIGNED - CBP
 DRAWN - CBP
 CHECKED - DAW
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
CONNECTOR**

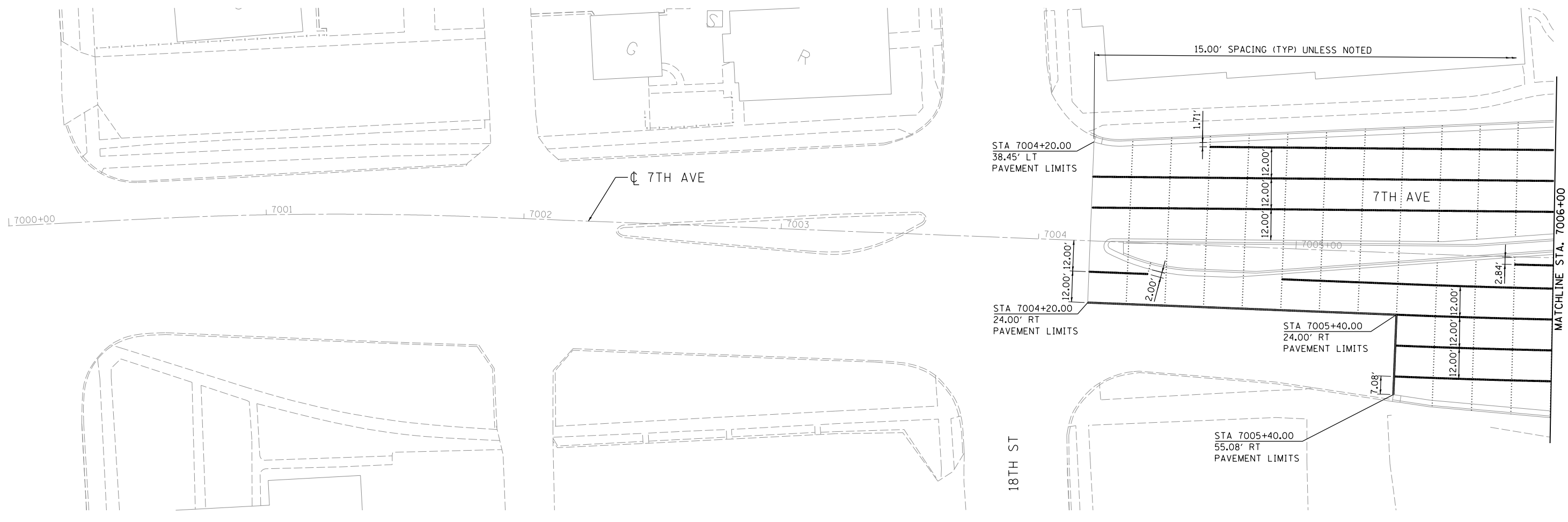
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	461
CONTRACT NO. 64C08			JT-06	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services, Inc.



LEGEND:

- SAWED LONGITUDNAL JOINT OR LONGITUDNAL CONSTRUCTION JOINT
- DOWELED TRANSVERSE CONSTRUCTION JOINT
- EXPANSION JOINT
- ~~~~~ LONGITUDNAL KEYED JOINT WITHOUT TIE BARS

NOTE:
DIMENSIONS SHOWN ON CURVES
ARE ALONG CENTERLINE. EDGE
OF PAVEMENT DIMENSIONS
BETWEEN JOINTS WILL VARY.

LAYOUT	CBP	10/9/2014
DRAWN	CBP	10/16/2014
REVIEWED	DAW	10/23/2015

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
D2CONAB-HP5-sht-plan1.dgn	hehn01663	CBP	-
		DRAWN -	REVISED -
		CBP	-
		CHECKED -	REVISED -
		DAW	-
		DATE -	REVISED -
		1/20/2017	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
7TH AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 7000+00 TO STA. 7006+00

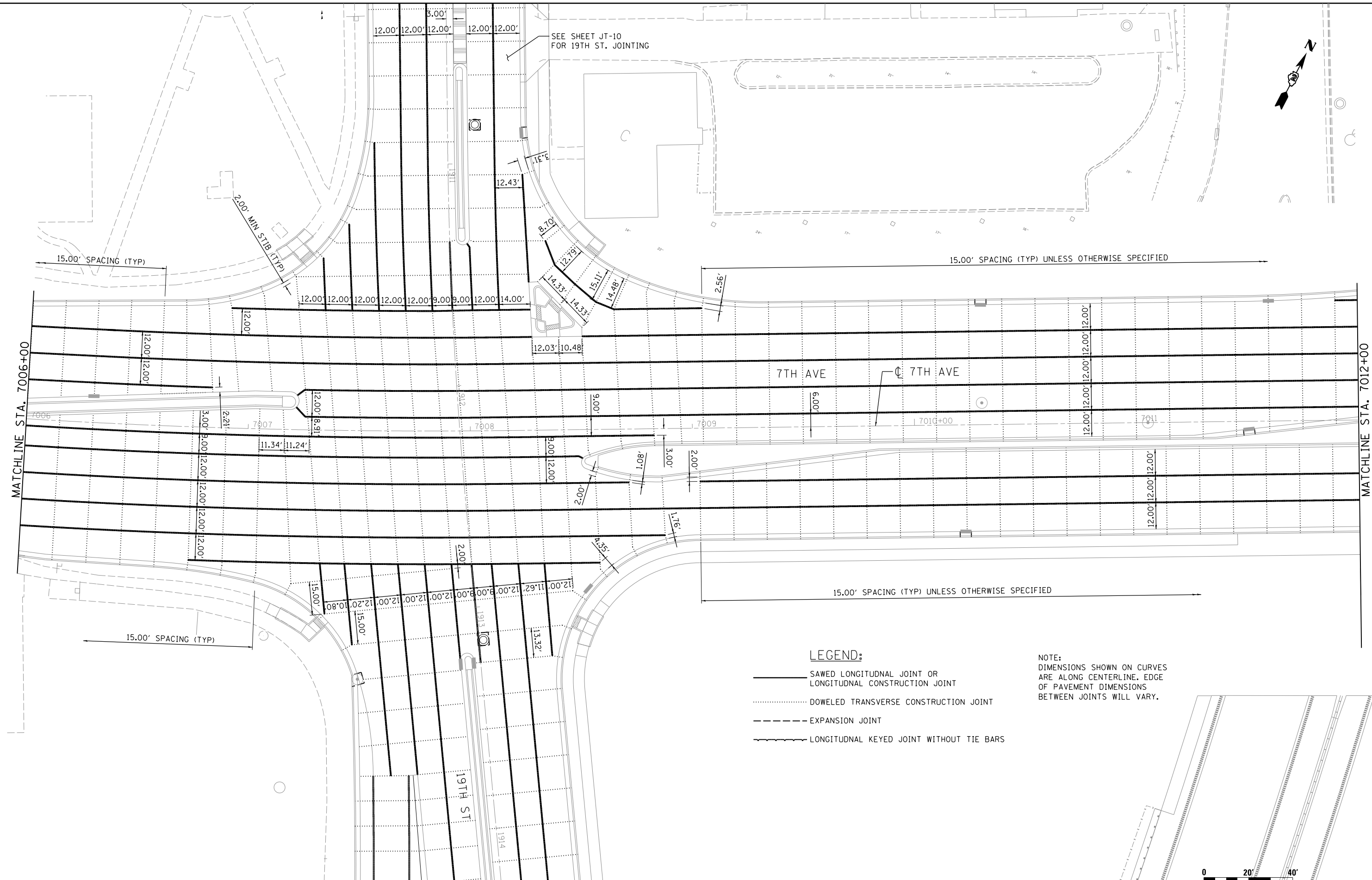


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504	462
CONTRACT NO. 64C08			JT-07	

ILLINOIS FED. AID PROJECT



© Copyright Hanson Professional Services, Inc.



SEE SHEET JT-10 FOR 19TH ST. JOINTING

7TH AVE

19TH ST

LEGEND:

- SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
- DOWELED TRANSVERSE CONSTRUCTION JOINT
- - - - - EXPANSION JOINT
- ~ ~ ~ ~ ~ LONGITUDINAL KEYED JOINT WITHOUT TIE BARS

NOTE: DIMENSIONS SHOWN ON CURVES ARE ALONG CENTERLINE. EDGE OF PAVEMENT DIMENSIONS BETWEEN JOINTS WILL VARY.



LAYOUT	CBP	10/9/2014
DRAWN	CBP	10/16/2014
REVIEWED	DAW	10/23/2015

FILE NAME = D2CONAB-HP5-sht-plen1LL.dgn

USER NAME = hehm01663

DESIGNED - CBP
DRAWN - CBP

REVISED -
REVISED -
REVISED -
REVISED -

PLOT SCALE = 1" = 20'
PLOT DATE = 1/19/2017

CHECKED - DAW
DATE - 1/20/2017

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

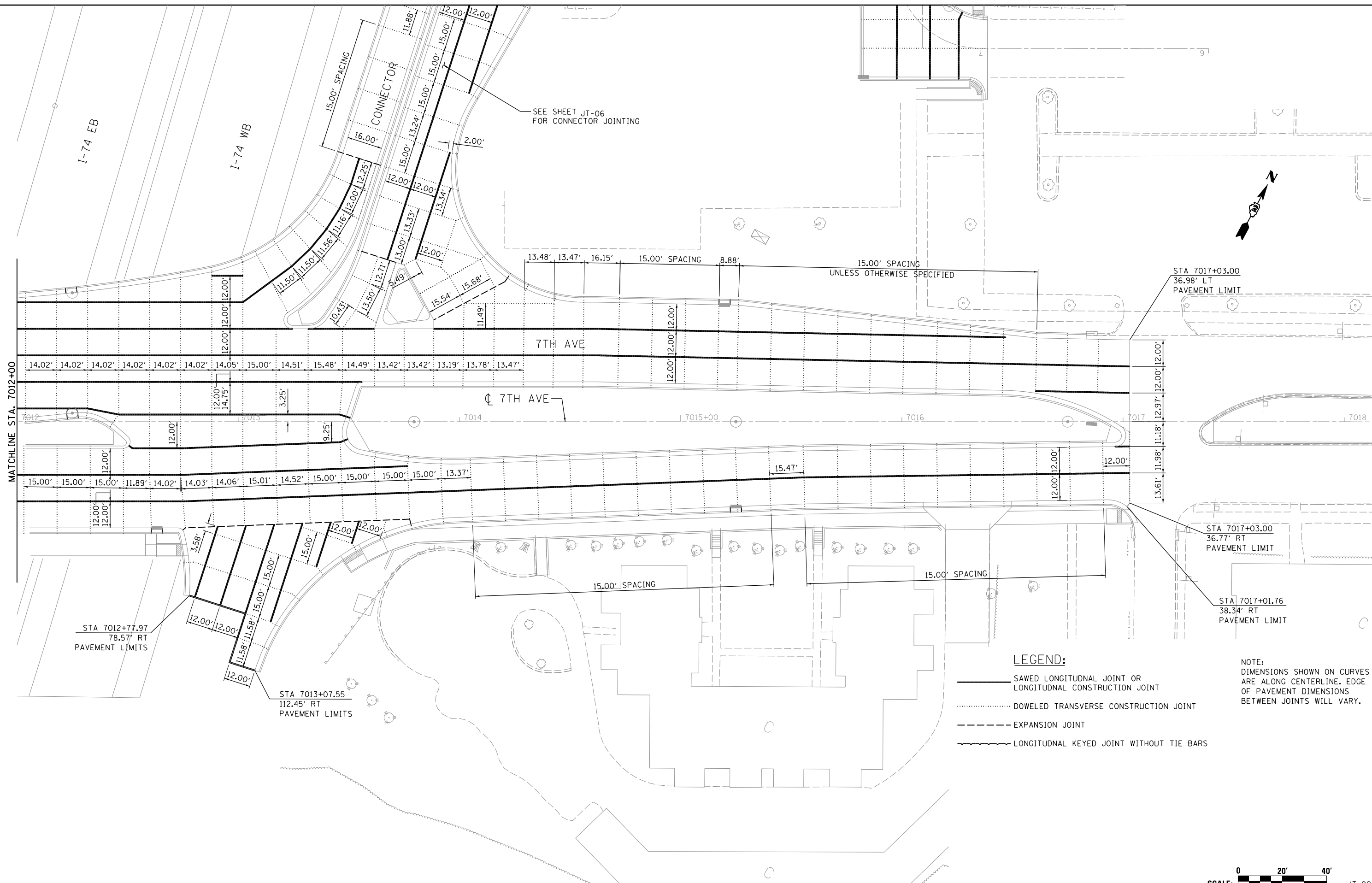
**JOINTING PLANS
7TH AVENUE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 7006+00 TO STA. 7012+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	463
CONTRACT NO. 64C08			JT-08	
ILLINOIS FED. AID PROJECT				

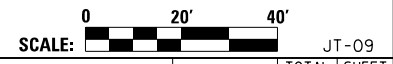


© Copyright Hanson Professional Services, Inc.



- LEGEND:**
- SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
 - DOWELED TRANSVERSE CONSTRUCTION JOINT
 - - - - - EXPANSION JOINT
 - ~ ~ ~ ~ ~ LONGITUDINAL KEYED JOINT WITHOUT TIE BARS

NOTE:
DIMENSIONS SHOWN ON CURVES ARE ALONG CENTERLINE. EDGE OF PAVEMENT DIMENSIONS BETWEEN JOINTS WILL VARY.



LAYOUT	CBP	10/9/2014
DRAWN	CBP	10/16/2014
REVIEWED	DAW	10/23/2015

FILE NAME = D2CONAB-HP5-shs-p1en12L.dgn

USER NAME = hehm01663

PLOT SCALE = 1" = 20'

PLOT DATE = 1/19/2017

DESIGNED - CBP

DRAWN - CBP

CHECKED - DAW

DATE - 1/20/2017

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
7TH AVENUE**

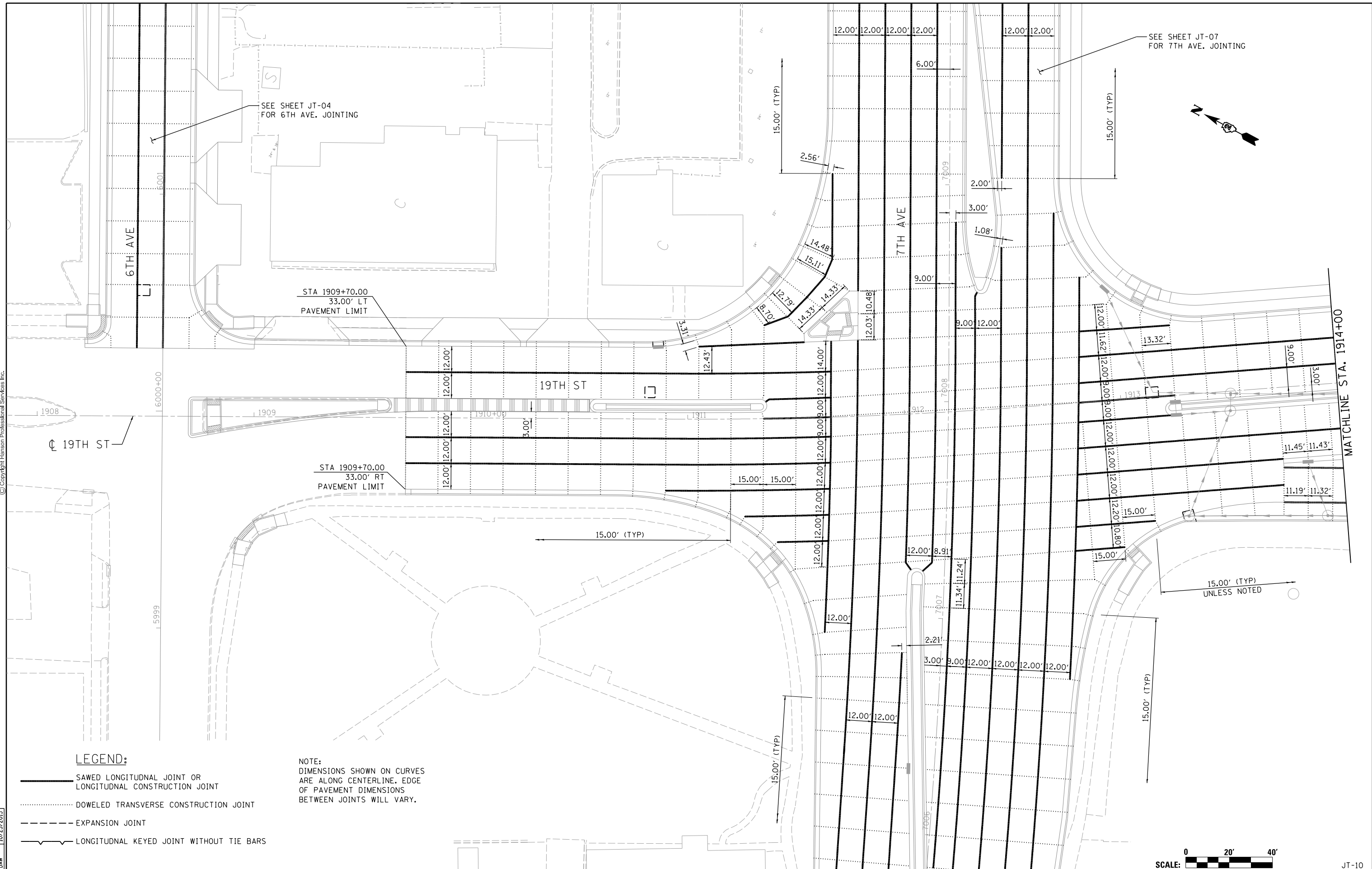
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 7012+00 TO STA. 7018+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	464
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

JT-09



© Copyright Hanson Professional Services, Inc.



LEGEND:

- SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
- DOWELED TRANSVERSE CONSTRUCTION JOINT
- EXPANSION JOINT
- LONGITUDINAL KEYPED JOINT WITHOUT TIE BARS

NOTE:
DIMENSIONS SHOWN ON CURVES
ARE ALONG CENTERLINE. EDGE
OF PAVEMENT DIMENSIONS
BETWEEN JOINTS WILL VARY.

LAYOUT	CBP	10/9/2014
DRAWN	CBP	10/16/2014
REVIEWED	DAW	10/23/2015

FILE NAME = D2CONAB-HP5-sht-plan14L.dgn

USER NAME = hehm01663

DESIGNED - CBP

DRAWN - CBP

CHECKED - DAW

DATE - 1/20/2017

REVISED -

REVISED -

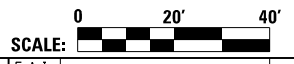
REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
19TH STREET**

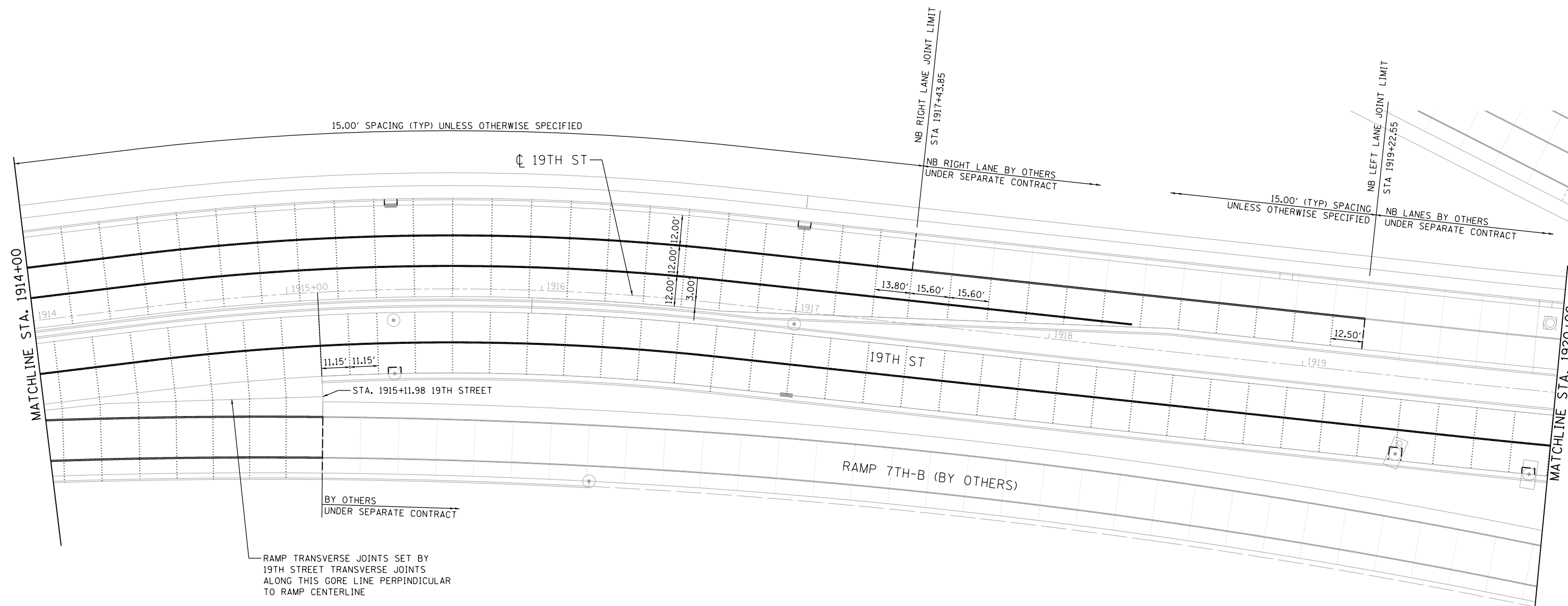
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 1908+00 TO STA. 1914+00



SCALE:		JT-10		
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	465
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services, Inc.



RAMP TRANSVERSE JOINTS SET BY 19TH STREET TRANSVERSE JOINTS ALONG THIS GORE LINE PERPENDICULAR TO RAMP CENTERLINE

LEGEND:

- SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
- DOWELED TRANSVERSE CONSTRUCTION JOINT
- - - - - EXPANSION JOINT
- ~ ~ ~ ~ ~ LONGITUDINAL KEYED JOINT WITHOUT TIE BARS

NOTE:
DIMENSIONS SHOWN ON CURVES ARE ALONG CENTERLINE. EDGE OF PAVEMENT DIMENSIONS BETWEEN JOINTS WILL VARY.

LONGITUDINAL JOINTS ON THE MAINLINE PAVEMENT ARE NOT SHOWN FOR CLARITY.

LAYOUT	CBP	7/22/2011
DRAWN	CBP	4/25/2013
REVIEWED	DAW	12/19/2016

FILE NAME = D2CONAB-HP5-sht-plen15L.dgn

USER NAME = hehn01663
PLOT SCALE = 1" = 20'
PLOT DATE = 1/19/2017

DESIGNED - CBP
DRAWN - CBP
CHECKED - DAW
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
19TH STREET**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 1914+00 TO STA. 1920+00



SCALE:		JT-11	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504
CONTRACT NO. 64C08			SHEET NO. 466
ILLINOIS FED. AID PROJECT			



© Copyright Hanson Professional Services, Inc.

MATCHLINE STA. 1920+00

I-74 WB (BY OTHERS)

RAMP 7TH-A (BY OTHERS)

I-74 EB (BY OTHERS)

NB 19TH ST (BY OTHERS)

1920+00

1921

1922

1923

1924

1925+00

12.00' 12.00'

15.00' SPACING

SB LANES JOINT LIMIT STA 1920+29.63

BY OTHERS UNDER SEPARATE CONTRACT

19TH ST

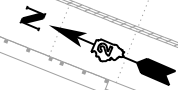
RAMP 7TH-B (BY OTHERS)

LEGEND:

- SAWED LONGITUDNAL JOINT OR LONGITUDNAL CONSTRUCTION JOINT
- DOWELED TRANSVERSE CONSTRUCTION JOINT
- - - - - EXPANSION JOINT
- ~ ~ ~ ~ ~ LONGITUDNAL KEYED JOINT WITHOUT TIE BARS

NOTE: DIMENSIONS SHOWN ON CURVES ARE ALONG CENTERLINE. EDGE OF PAVEMENT DIMENSIONS BETWEEN JOINTS WILL VARY.

LONGITUDINAL JOINTS ON THE MAINLINE PAVEMENT ARE NOT SHOWN FOR CLARITY.



LAYOUT	CBP	7/22/2011
DRAWN	CBP	4/25/2013
REVIEWED	DAW	12/19/2016

FILE NAME = D2CONAB-HP5-sht:p1en16L.dgn

USER NAME = hehm01663
 PLOT SCALE = 1" = 20'
 PLOT DATE = 1/19/2017

DESIGNED - CBP
 DRAWN - CBP
 CHECKED - DAW
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

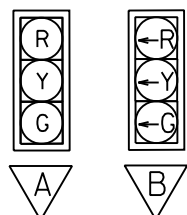
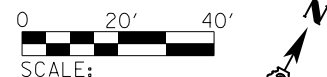
**JOINTING PLANS
19TH STREET**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 1920+00 TO STA. 1926+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	467
CONTRACT NO. 64C08			JT-12	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	6
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	5



* BAGGED OR COVERED SIGNAL HEAD

GENERAL TEMPORARY SIGNAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT WITH RESPECT TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL HEADS, CONDUIT, WOOD POLES, GUY WIRE ASSEMBLIES, CONTROLLERS, LIGHTING, AND ALL OTHER EQUIPMENT REQUIRED FOR THE INSTALLATION.
2. ALL TRAFFIC SIGNAL EQUIPMENT SCHEDULED FOR REMOVAL MAY BE USED FOR TEMPORARY TRAFFIC SIGNALS. ANY MAINTENANCE OF THIS EQUIPMENT WHEN USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EQUIPMENT (EXISTING AND PROVIDED BY THE DEPARTMENT) SHALL BE DELIVERED IN GOOD WORKING CONDITION UPON THE REMOVAL OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
3. NEW AERIAL TRAFFIC SIGNAL CABLE SHALL BE FURNISHED AND INSTALLED AS SHOWN ON THE PLAN SHEETS. ALL EXISTING TRAFFIC SIGNAL CABLE WILL BE REMOVED.
4. ALL CABLES SHALL MAINTAIN AN 18 FT. MINIMUM CLEARANCE ABOVE THE EXISTING OR PROPOSED POINT OF THE ROADWAY, WHICHEVER IS HIGHEST.
5. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" LENSES.
6. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR AS INDICATED BY THE ENGINEER.
7. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS AND ALL WORK SHALL CONFORM TO NEC REQUIREMENTS.
8. ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE PRICE FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
9. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO HANDHOLES, SIGNAL POSTS, MAST ARMS, CONCRETE FOUNDATIONS, CABLE, AND VEHICLE SIGNAL HEADS TO BE REMOVED. SEE SPECIAL PROVISION FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT SPECIFICS.
10. PER IDOT D2 STANDARDS, A 24 INCH BY 24 INCH "TO ACTIVATE SIGNAL" SIGN SHALL BE PLACED AT THE STOP LINE AS DIRECTED BY THE ENGINEER.
11. ALL TRAFFIC SIGNAL HEADS SHALL BE POSITIONED SO THAT THEY FACE THE TRAFFIC LANE THEY CONTROL.
12. ALL FIVE SECTION SIGNAL HEADS PLACED ON SPAN WIRE SHALL HAVE A R10-12 SIGN PLACED IMMEDIATELY TO THE RIGHT OF THE SIGNAL HEAD.
13. FIELD ADJUSTMENTS DURING INSTALLATION MAY BE NECESSARY TO AVOID UTILITIES. THIS IS INCLUDED IN THE COST OF THE TEMPORARY SIGNAL.
14. STOP BARS MUST BE PLACED SO THAT THE FIRST STOPPED CAR CAN CLEARLY SEE THE TRAFFIC SIGNAL FOR THEIR CORRESPONDING MOVEMENT.

NOTE:

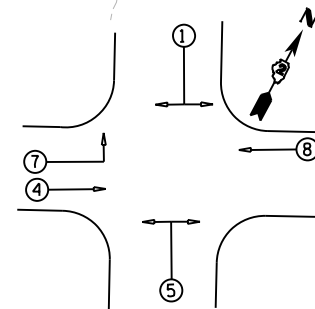
THE INTERSECTIONS OF 19TH ST WITH 6TH AVE AND 7TH AVE WILL OPERATE WITH THEIR EXISTING SEQUENCE

TRAFFIC SIGNAL PLAN LEGEND

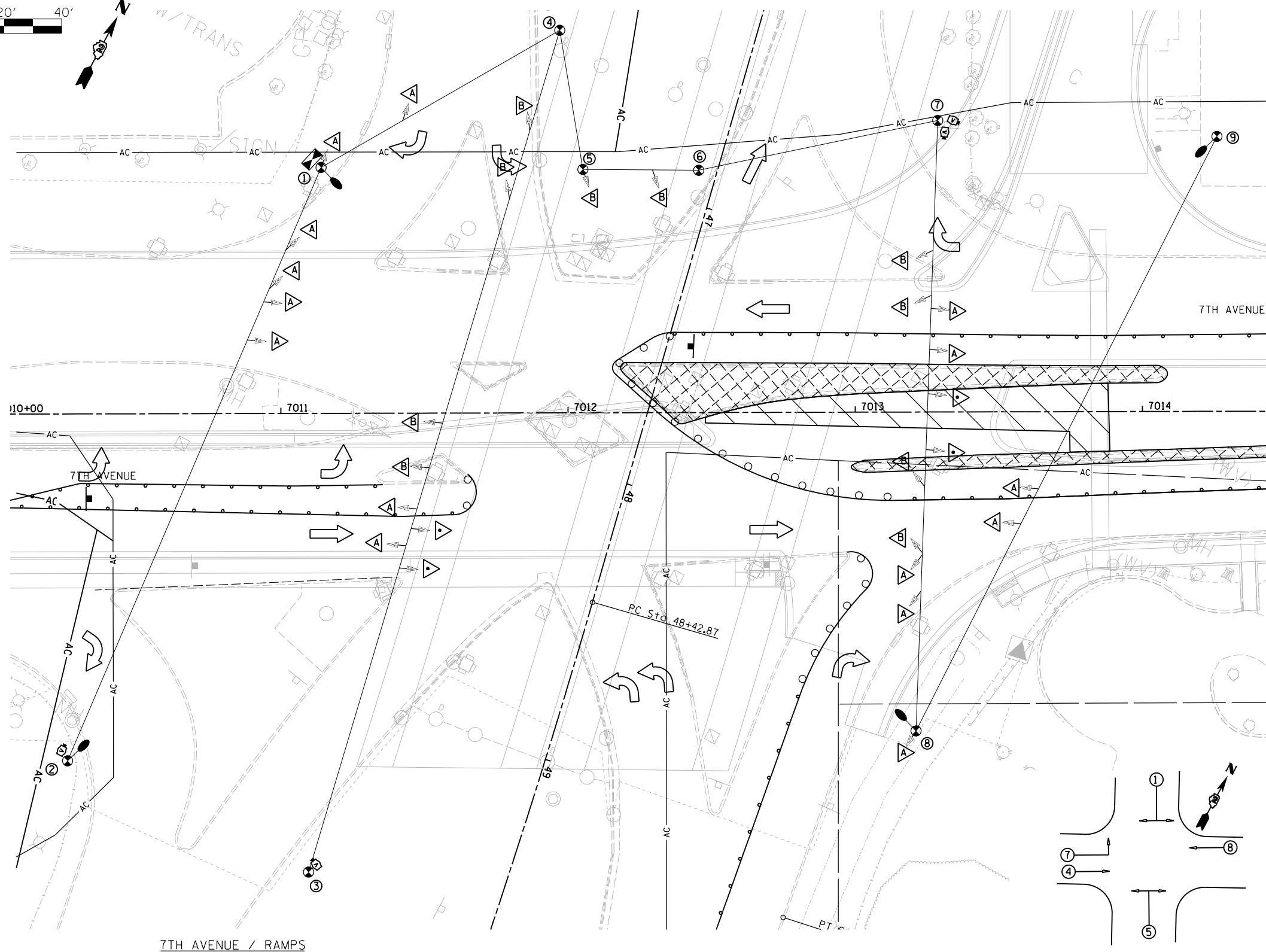
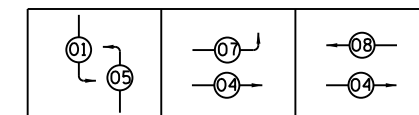
EXISTING	PROPOSED	DESCRIPTION
		TEMP SIGNAL HEAD WITH BACKPLATE
		TEMPORARY WOOD POLE
		CONTROLLER
		CONDUIT
		VIDEO DETECTION CAMERA
		LUMINAIRE

TEMPORARY WOOD POLES					
POLE I.D.	STATION	OFFSET	POLE I.D.	STATION	OFFSET
①	7011+14	86' LT	⑥	7012+47	83' LT
②	7010+25	121' RT	⑦	7013+29	101' LT
③	7011+09	160' RT	⑧	7013+21	111' RT
④	7011+97	135' LT	⑨	7014+26	96' LT
⑤	7012+05	85' LT			

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5			5	5		5	5
PASSAGE	2			2	2		2	2
MAXIMUM 1	16			44	16		23	16
YELLOW CHANGE	4			4	4		4	4
RED CLEARANCE	1			1	1		1	1
RECALL MODE	OFF			MAX	OFF		OFF	MAX
ACTUATED CYCLE LENGTH = 70								



PHASE SEQUENCE CHART



© Copyright Hanson Professional Services, Inc.

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME = D2CONAB-HPS-shs-ts340

USER NAME = hehm01663
 DESIGNED - TMA
 DRAWN - TMA
 CHECKED - KNB
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
 TEMPORARY SIGNALS
 PRE-STAGE 1**

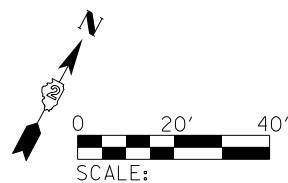
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	468
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

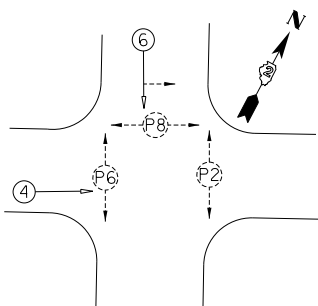
TS-01



© Copyright Hanson Professional Services, Inc.

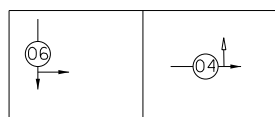


19TH STREET / 6TH AVENUE



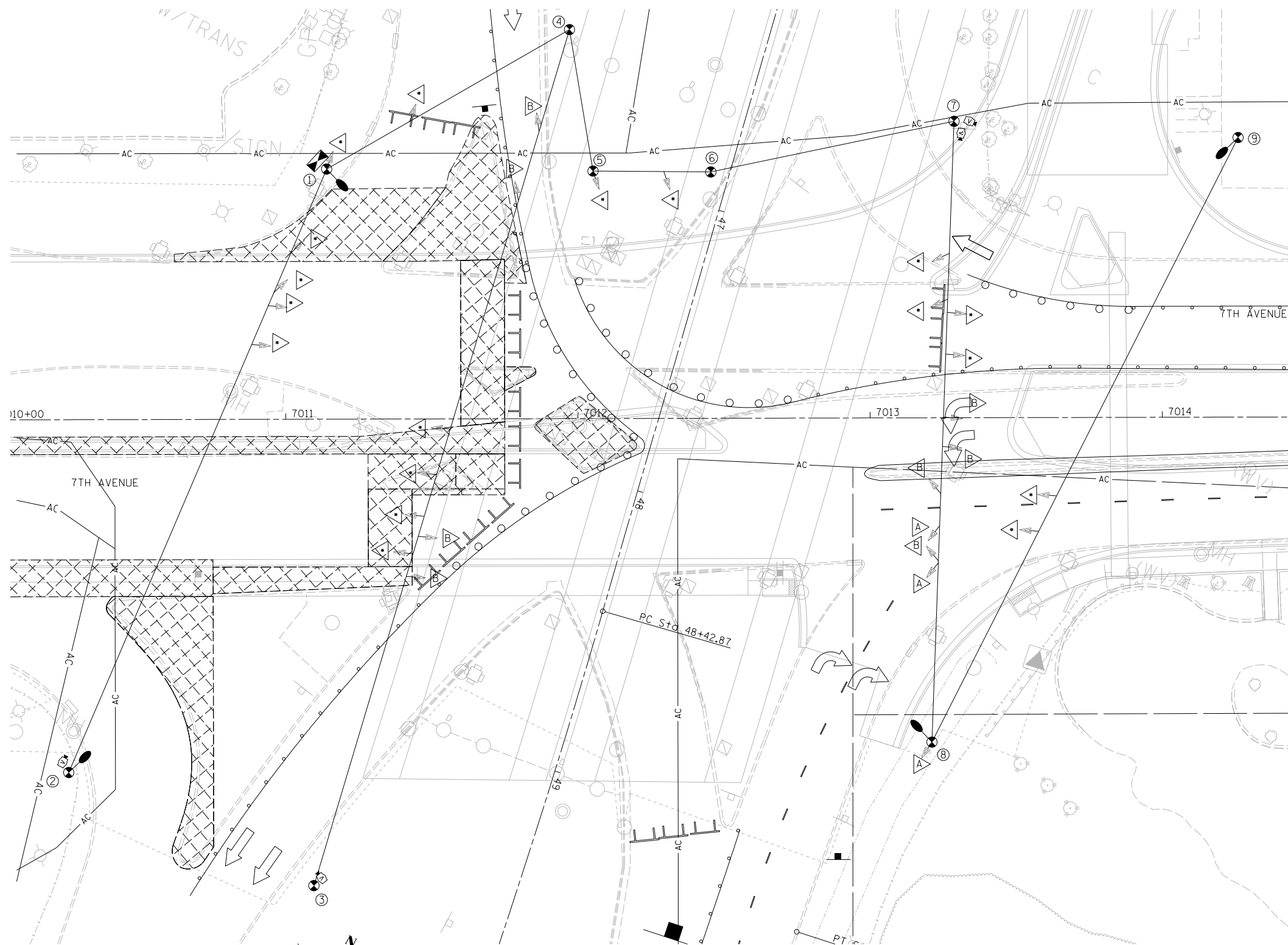
PHASE DESIGNATION DIAGRAM

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN				5		5		
PASSAGE				2		2		
MAXIMUM 1				38		22		
YELLOW CHANGE				4		4		
RED CLEARANCE				1		1		
RECALL MODE				OFF		MAX		
ACTUATED CYCLE LENGTH = 70								

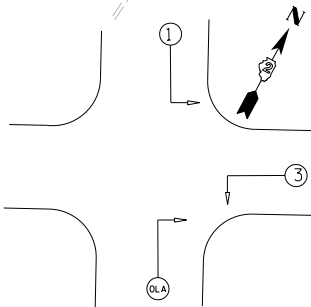
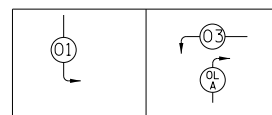


7TH AVENUE / RAMPS

SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5		5					
PASSAGE	2		2					
MAXIMUM 1	14		16					
YELLOW CHANGE	4		4					
RED CLEARANCE	1		1					
RECALL MODE	OFF		OFF					
ACTUATED CYCLE LENGTH = 40								

PHASE SEQUENCE CHART



PHASE DESIGNATION DIAGRAM

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME = D2CONAB-HP5-sht-ts326

USER NAME = hehm01663
 PLOT SCALE = 1" = 20'
 PLOT DATE = 1/19/2017

DESIGNED - TMA
 DRAWN - TMA
 CHECKED - KNB
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

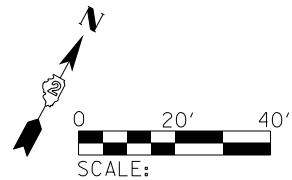
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
 TEMPORARY SIGNALS
 PRE-STAGE 2

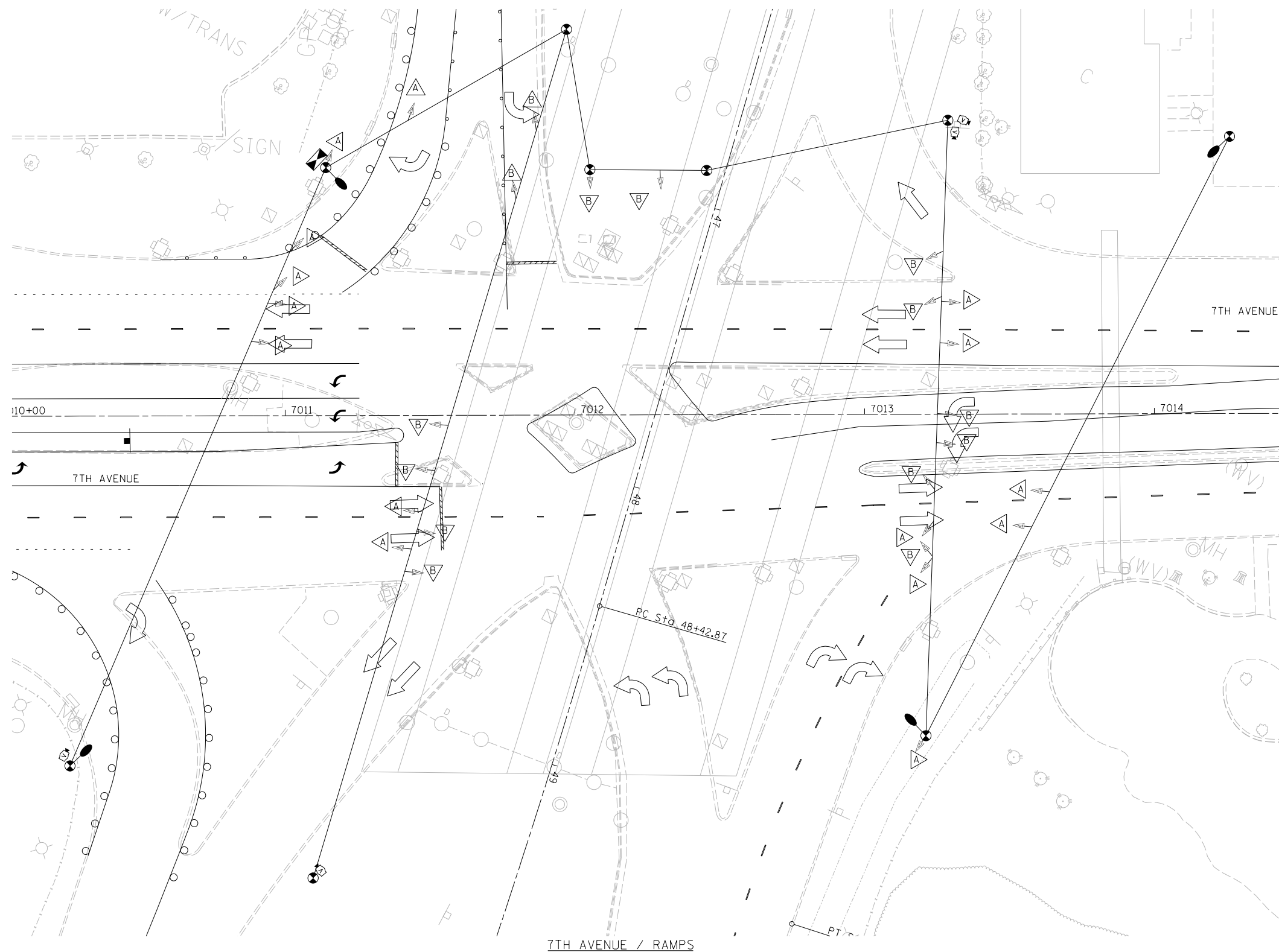
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	469
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C08	

TS-02



NOTES:
 THE INTERSECTIONS OF 19TH ST WITH 6TH AVE AND 7TH AVE WILL OPERATE WITH THEIR EXISTING SEQUENCE AND TIMING.



NOTES:
 THE INTERSECTIONS OF 7TH AVE AND THE I-74 RAMPs WILL OPERATE WITH THEIR EXISTING SEQUENCE AND TIMING.



© Copyright Hanson Professional Services, Inc.

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME = D2CONAB-HP5-sht-ts328

USER NAME = hehm01663	DESIGNED - TMA	REVISED -
PLOT SCALE = 1" = 20'	DRAWN - TMA	REVISED -
PLOT DATE = 1/19/2017	CHECKED - KNB	REVISED -
	DATE - 1/20/2017	REVISED -

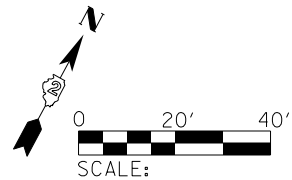
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
 TEMPORARY SIGNALS
 PRE-STAGE 3**

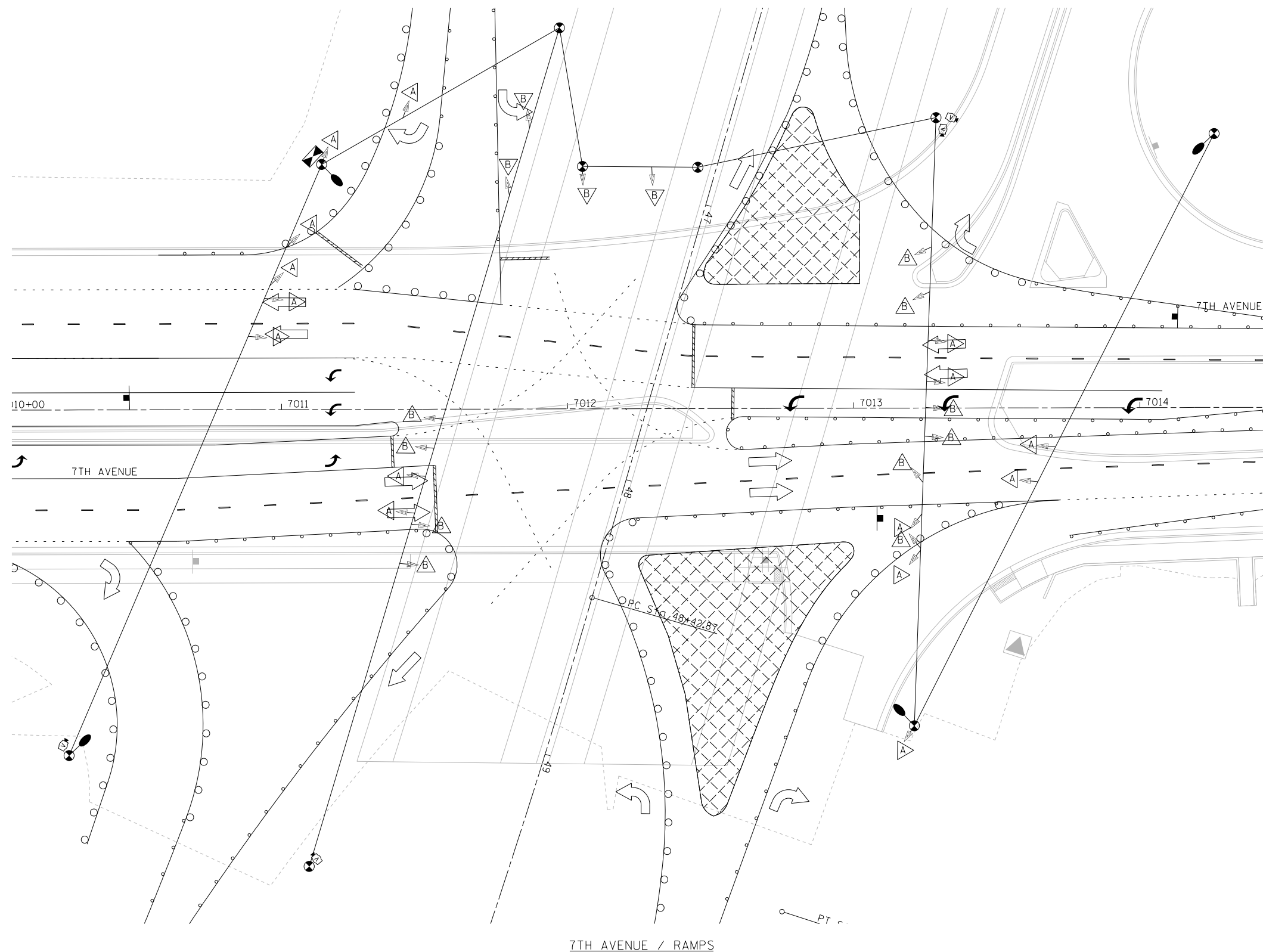
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	470
				CONTRACT NO. 64C08
ILLINOIS FED. AID PROJECT				

TS-03



© Copyright Hanson Professional Services, Inc.



7TH AVENUE / RAMPS

NOTES:
THE INTERSECTIONS OF 7TH AVE AND THE I-74 RAMPS WILL OPERATE WITH THEIR EXISTING SEQUENCE AND TIMING.

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME = D2CONAB-HP5-sht-ts332

USER NAME = hehm01663	DESIGNED - TMA	REVISED -
PLOT SCALE = 1" = 20'	DRAWN - TMA	REVISED -
PLOT DATE = 1/19/2017	CHECKED - KNB	REVISED -
	DATE - 1/20/2017	REVISED -

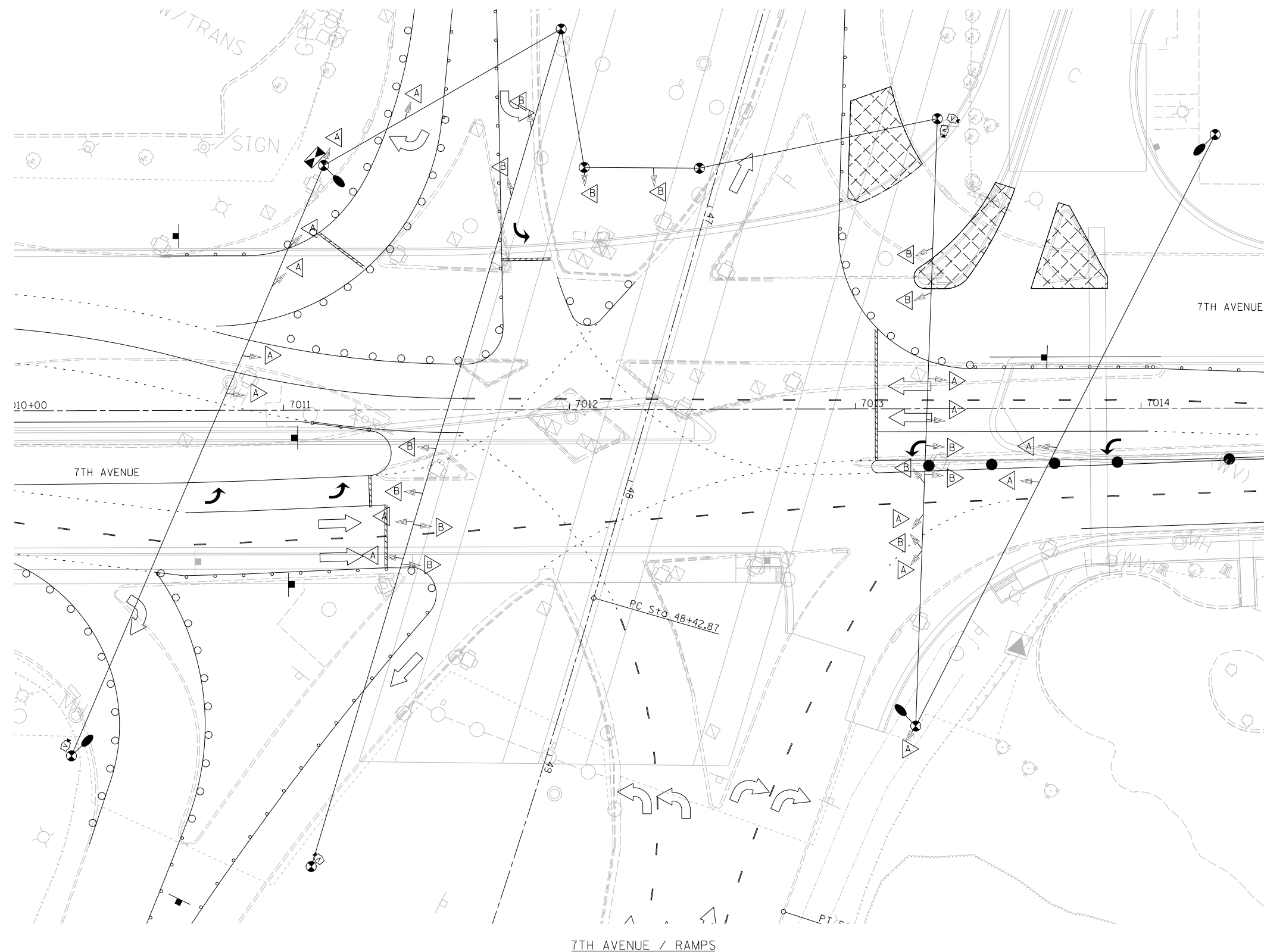
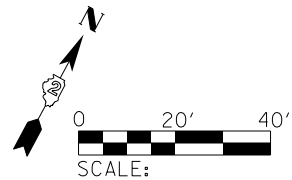
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
TEMPORARY SIGNALS
STAGE 1-0

SCALE: 1" = 20' 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	471
				CONTRACT NO. 64C08
ILLINOIS FED. AID PROJECT				

TS-04



© Copyright Hanson Professional Services, Inc.

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME = D2CONAB-HP5-sht-ts334

USER NAME = hehm01663
 PLOT SCALE = 1" = 20'
 PLOT DATE = 1/19/2017

DESIGNED - TMA
 DRAWN - TMA
 CHECKED - KNB
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
 TEMPORARY SIGNALS
 STAGE 1-1**

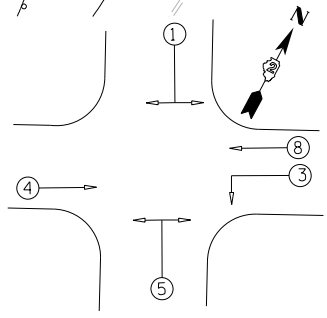
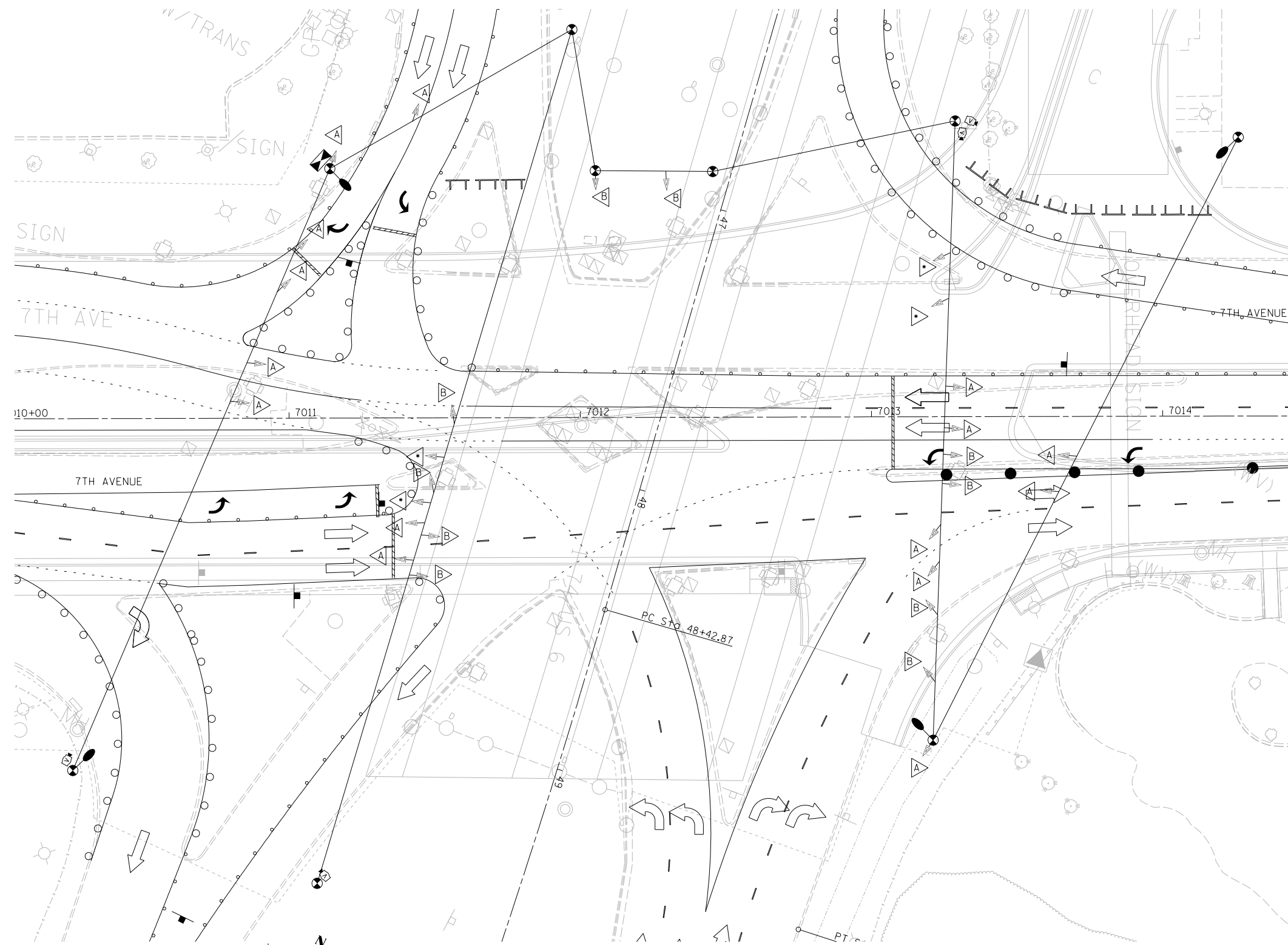
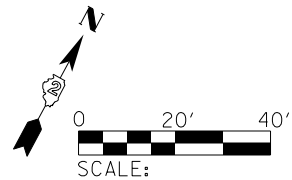
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

NOTES:

THE INTERSECTIONS OF 7TH AVE AND THE I-74 RAMPS WILL OPERATE WITH THEIR EXISTING SEQUENCE AND TIMING.

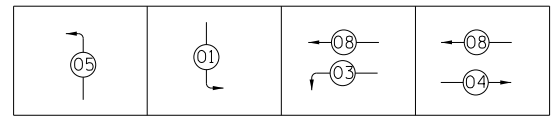
TS-05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	472
			CONTRACT NO. 64C08	
ILLINOIS FED. AID PROJECT				



PHASE DESIGNATION DIAGRAM

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5		5	5	5			5
PASSAGE	2		2	2	2			2
MAXIMUM 1	12		5	16	7			26
YELLOW CHANGE	4		4	4	4			4
RED CLEARANCE	1		1	1	1			1
RECALL MODE	OFF		OFF	MAX	OFF			MAX
ACTUATED CYCLE LENGTH = 100								



© Copyright Hanson Professional Services, Inc.

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME = D2CONAB-HP5-sht-ts336

USER NAME = hehm01663	DESIGNED - TMA	REVISED -
PLOT SCALE = 1" = 20'	DRAWN - TMA	REVISED -
PLOT DATE = 1/19/2017	CHECKED - KNB	REVISED -
	DATE - 1/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
TEMPORARY SIGNALS
STAGE 1-2

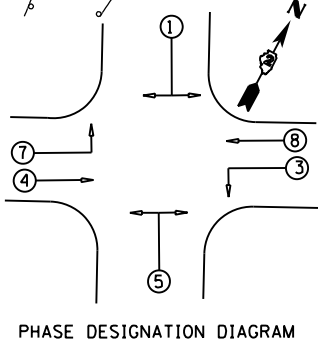
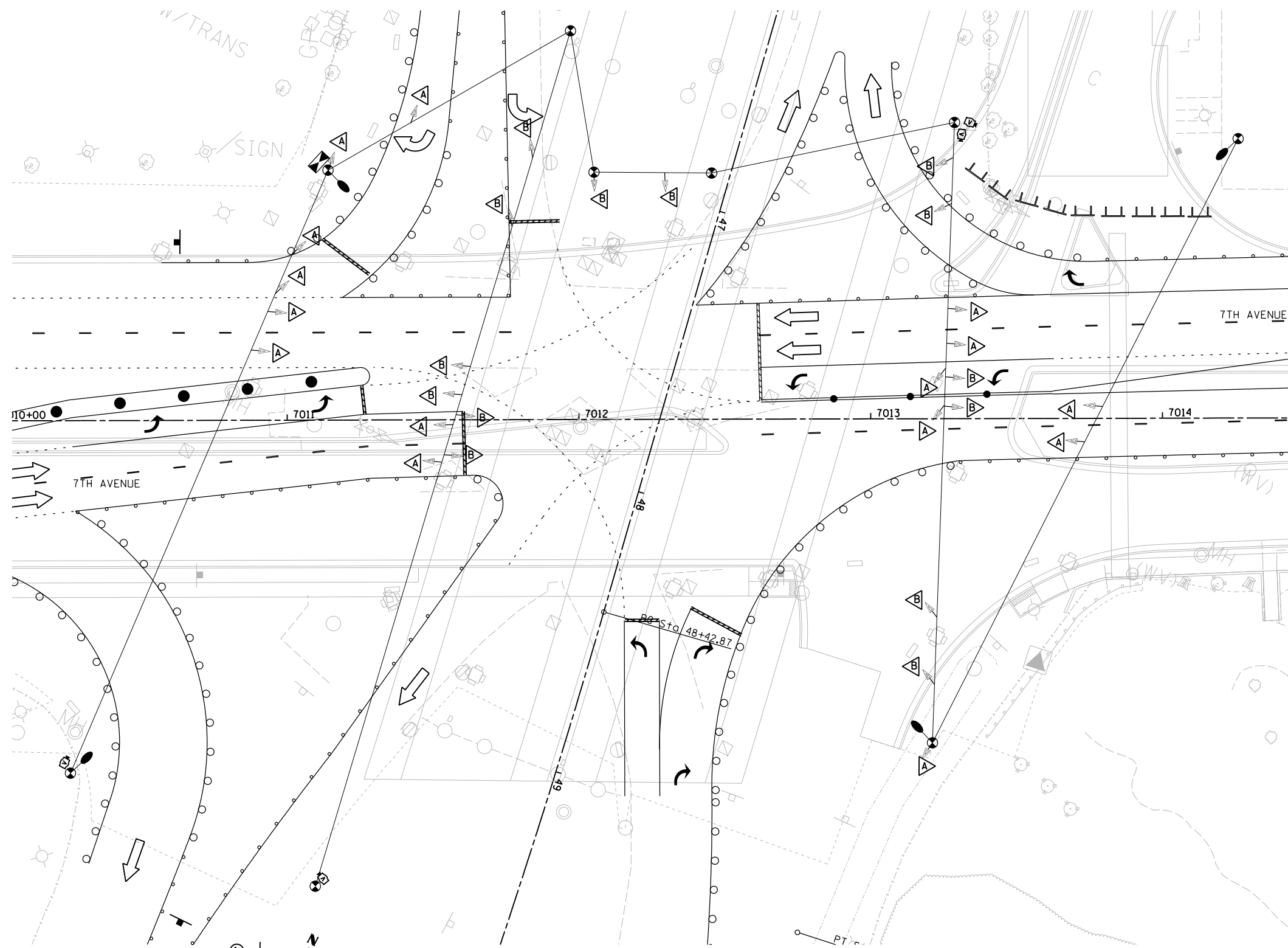
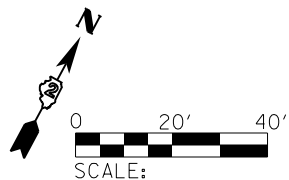
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	473
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C08	

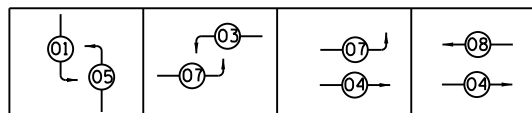
TS-06



© Copyright Hanson Professional Services, Inc.



PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5		5	5	5		5	5
PASSAGE	2		2	2	2		2	2
MAXIMUM 1	21		18	26	21		28	16
YELLOW CHANGE	4		4	4	4		4	4
RED CLEARANCE	1		1	1	1		1	1
RECALL MODE	OFF		OFF	MAX	OFF		OFF	MAX
ACTUATED CYCLE LENGTH = 80								

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME = D2CONAB-HP5-sht-ts350

USER NAME = hehm01663
 DESIGNED - TMA
 DRAWN - TMA
 PLOT SCALE = 1" = 20'
 PLOT DATE = 1/19/2017

DESIGNED - TMA
 DRAWN - TMA
 CHECKED - KNB
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
 TEMPORARY SIGNALS
 STAGE 1-3

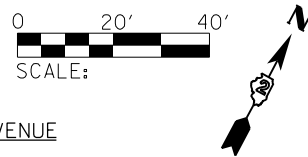
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	474
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

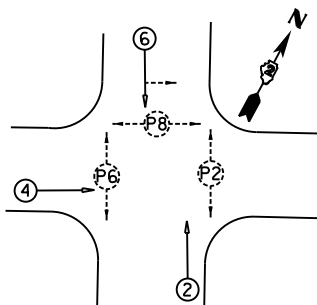
TS-07



© Copyright Hanson Professional Services, Inc.

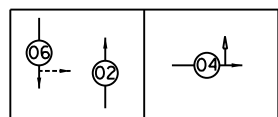


19TH STREET / 6TH AVENUE



PHASE DESIGNATION DIAGRAM

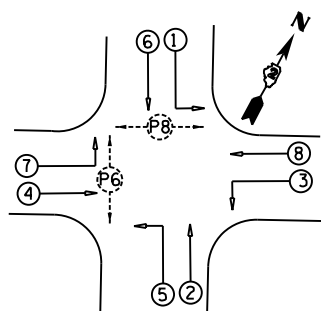
PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

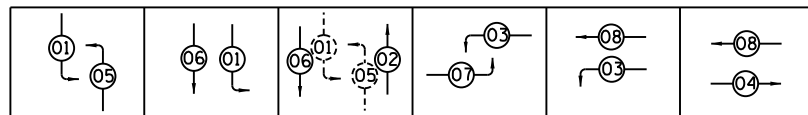
PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN		5		5		5		
PASSAGE		2		2		2		
MAXIMUM 1		19		31		19		
YELLOW CHANGE		4		4		4		
RED CLEARANCE		1		1		1		
RECALL MODE		MAX		OFF		MAX		
ACTUATED CYCLE LENGTH = 60								

19TH STREET / 7TH AVENUE



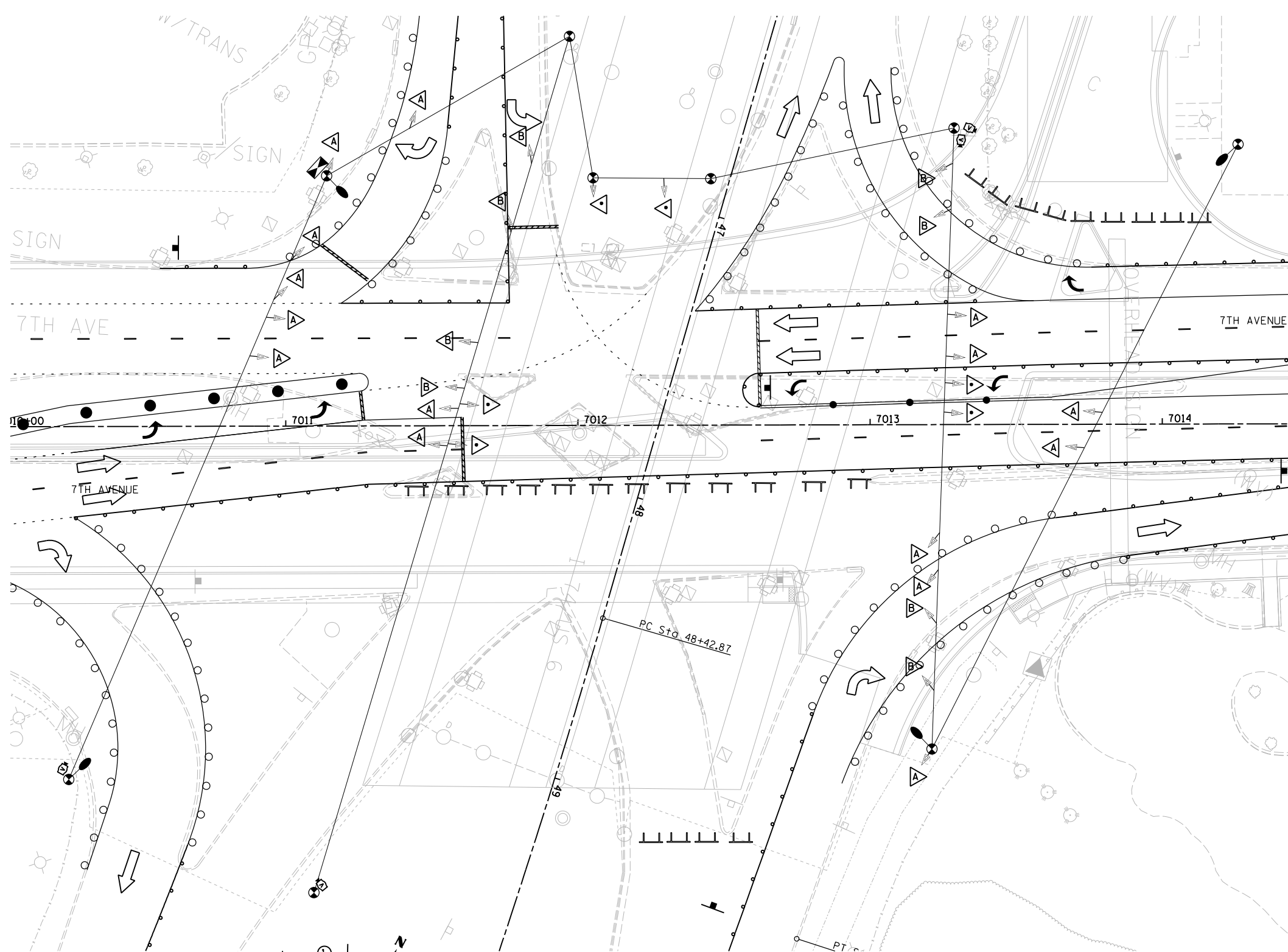
PHASE DESIGNATION DIAGRAM

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

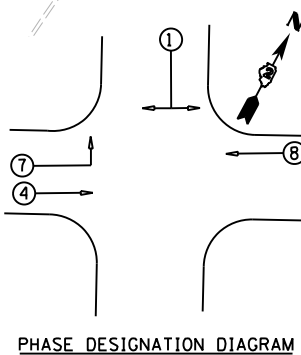
PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5	5	5	5	5	5	5	5
PASSAGE	2	2	2	2	2	2	2	2
MAXIMUM 1	46	16	18	21	10	52	5	33
YELLOW CHANGE	4	4	4	4	4	4	4	4
RED CLEARANCE	1	1	1	1	1	1	1	1
RECALL MODE	OFF	MAX	OFF	MAX	OFF	MAX	OFF	MAX
ACTUATED CYCLE LENGTH = 120								



7TH AVENUE / RAMPS

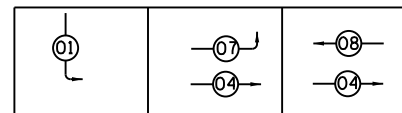
SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5			5			5	5
PASSAGE	2			2			2	2
MAXIMUM 1	12			38			17	16
YELLOW CHANGE	4			4			4	4
RED CLEARANCE	1			1			1	1
RECALL MODE	OFF			MAX			OFF	MAX
ACTUATED CYCLE LENGTH = 60								



PHASE DESIGNATION DIAGRAM

PHASE SEQUENCE CHART



LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME = D2CONAB-HP5-sht-ts351

USER NAME = hehm01663
PLOT SCALE = 1" = 20'
PLOT DATE = 1/20/2017

DESIGNED - TMA
DRAWN - TMA
CHECKED - KNB
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
TEMPORARY SIGNALS
STAGE 1-4

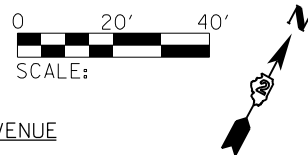
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	475
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

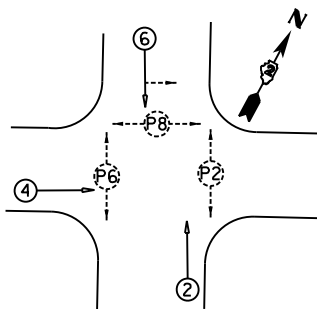
TS-08



© Copyright Hanson Professional Services, Inc.

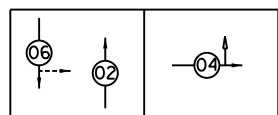


19TH STREET / 6TH AVENUE



PHASE DESIGNATION DIAGRAM

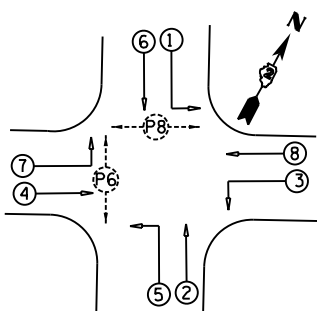
PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

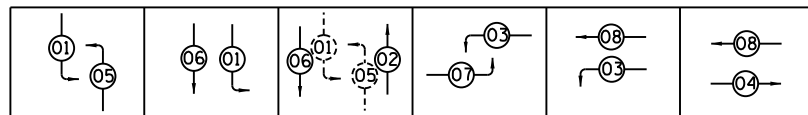
PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN		5		5		5		
PASSAGE		2		2		2		
MAXIMUM 1		20		45		20		
YELLOW CHANGE		4		4		4		
RED CLEARANCE		1		1		1		
RECALL MODE		MAX		OFF		MAX		
ACTUATED CYCLE LENGTH = 75								

19TH STREET / 7TH AVENUE



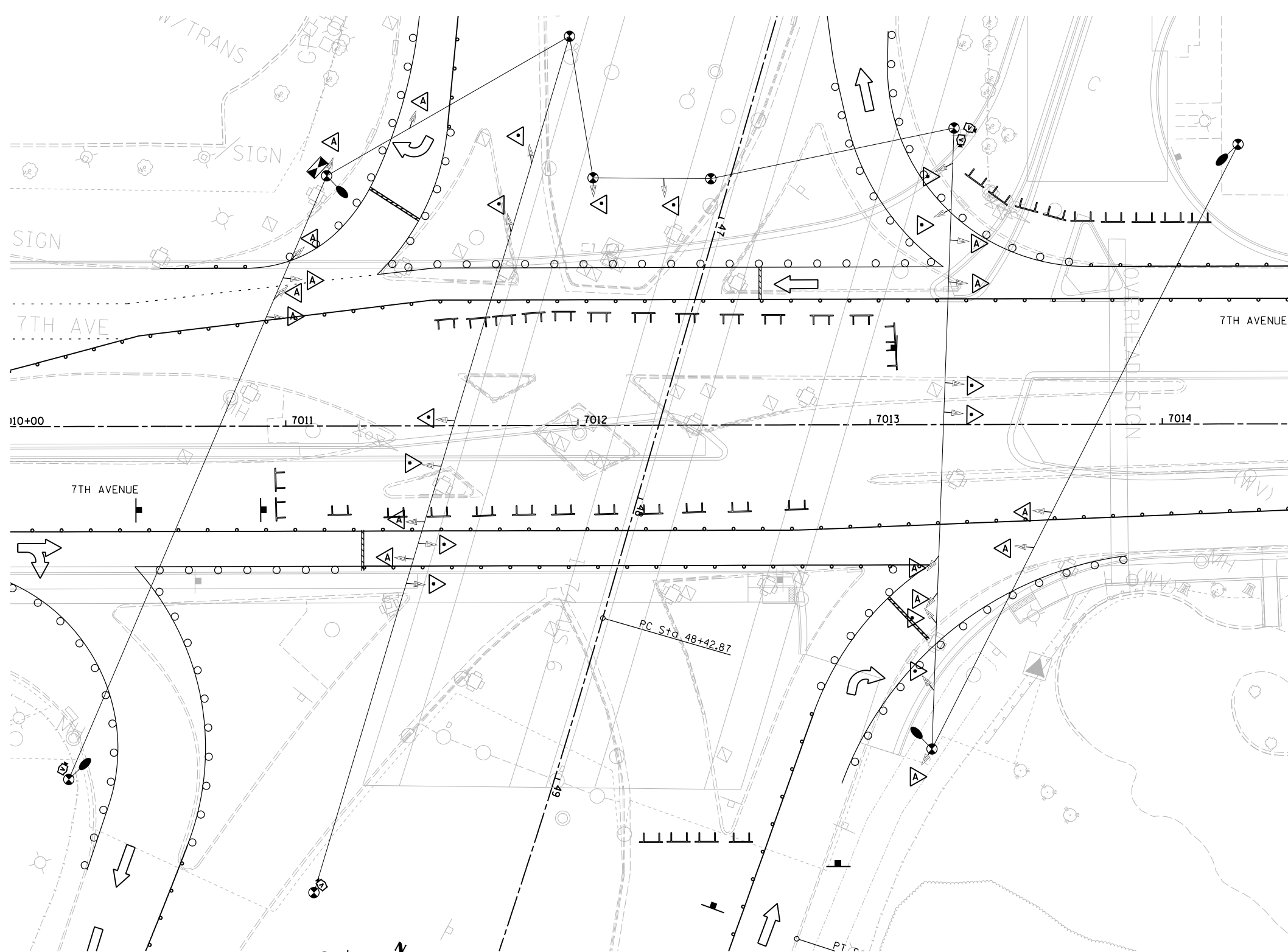
PHASE DESIGNATION DIAGRAM

PHASE SEQUENCE CHART



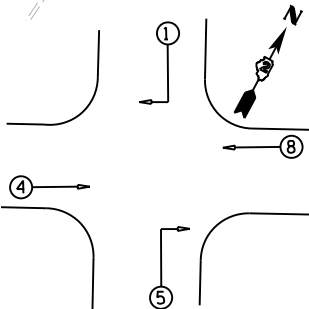
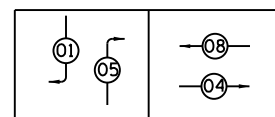
SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5	5	5	5	5	5	5	5
PASSAGE	2	2	2	2	2	2	2	2
MAXIMUM 1	71	16	20	23	21	75	5	38
YELLOW CHANGE	4	4	4	4	4	4	4	4
RED CLEARANCE	1	1	1	1	1	1	1	1
RECALL MODE	OFF	MAX	OFF	MAX	OFF	MAX	OFF	MAX
ACTUATED CYCLE LENGTH = 150								



7TH AVENUE / RAMPS

PHASE SEQUENCE CHART



PHASE DESIGNATION DIAGRAM

SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5			5	5			5
PASSAGE	2			2	2			2
MAXIMUM 1	31			34	31			34
YELLOW CHANGE	4			4	4			4
RED CLEARANCE	1			1	1			1
RECALL MODE	OFF			MAX	OFF			MAX
ACTUATED CYCLE LENGTH = 75								

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME = D2CONAB-HP5-sht-ts352

USER NAME = hehm01663
PLOT SCALE = 1" = 20'
PLOT DATE = 1/19/2017

DESIGNED - TMA
DRAWN - TMA
CHECKED - KNB
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

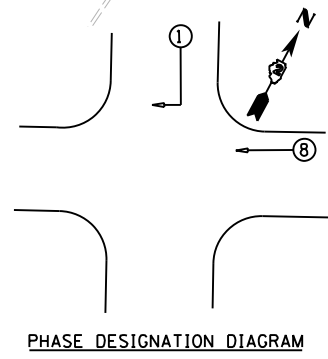
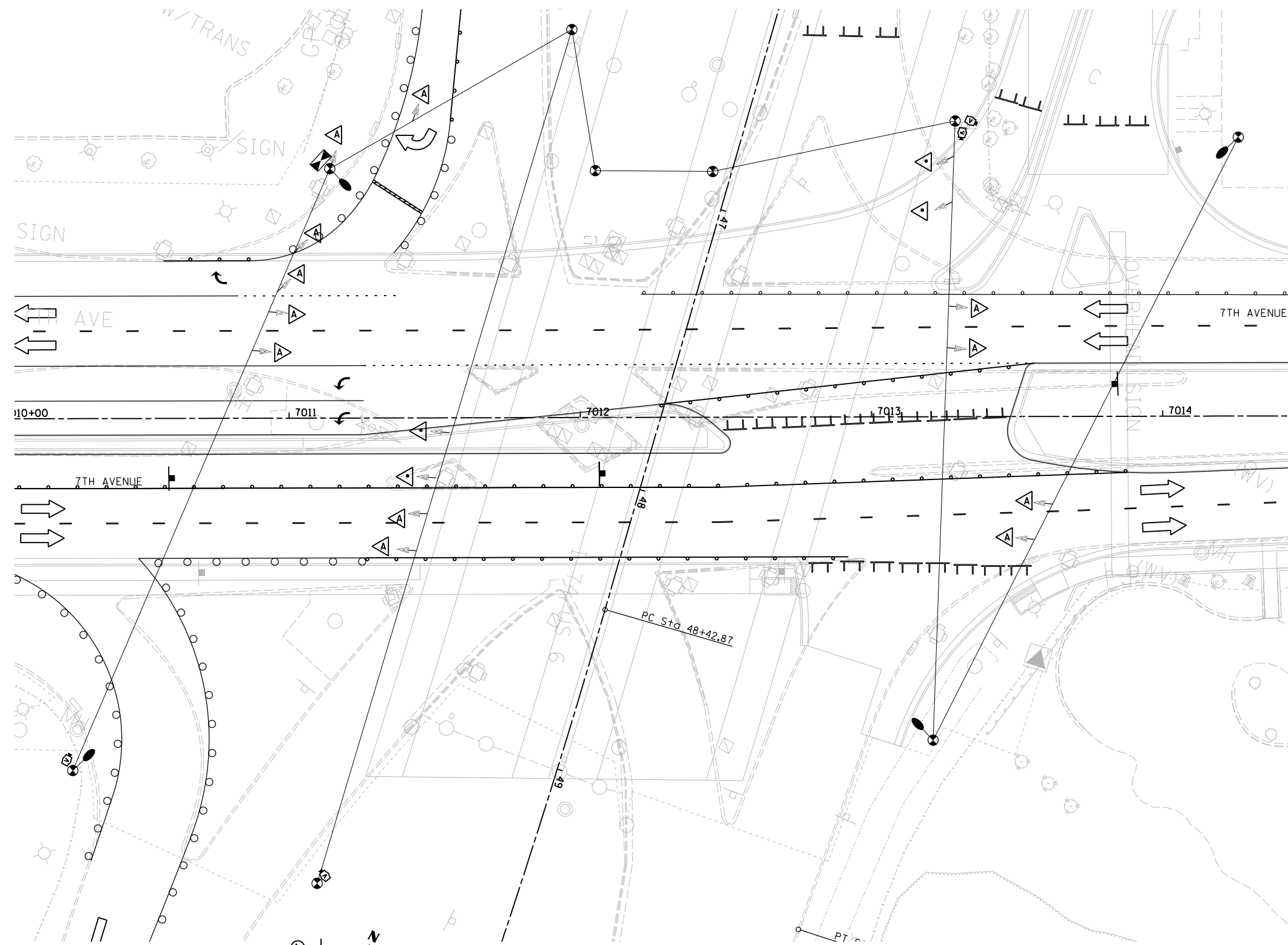
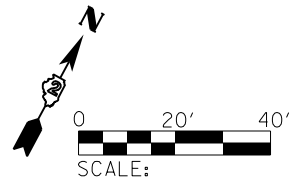
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
TEMPORARY SIGNALS
STAGE 1-5

SCALE: 1" = 20' 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	476
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

TS-09



PHASE SEQUENCE CHART

SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5							5
PASSAGE	2							2
MAXIMUM 1	34							16
YELLOW CHANGE	4							4
RED CLEARANCE	1							1
RECALL MODE	OFF							MAX
ACTUATED CYCLE LENGTH = 60								

NOTES:
EASTBOUND 7TH AVENUE IS ALWAYS GREEN



© Copyright Hanson Professional Services, Inc.

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME = D2CONAB-HP5-sht-ts353

USER NAME = hehm01663
DESIGNED - TMA
DRAWN - TMA
PLOT SCALE = 1" = 20'
PLOT DATE = 1/19/2017

DESIGNED - TMA
DRAWN - TMA
CHECKED - KNB
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
TEMPORARY SIGNALS
STAGE 2-0

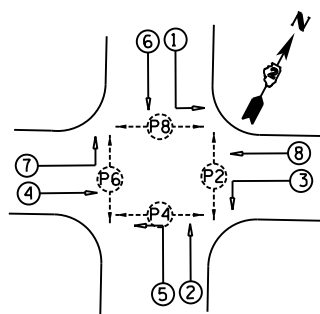
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	477
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

TS-10

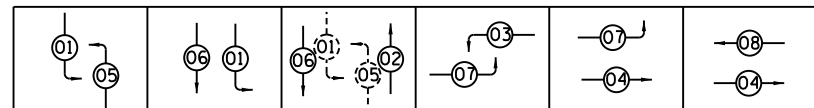


© Copyright Hanson Professional Services, Inc.



PHASE DESIGNATION DIAGRAM

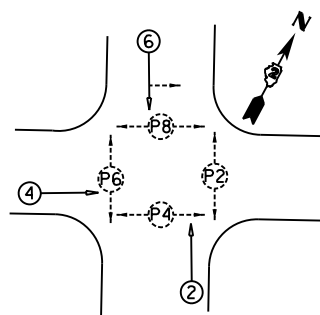
PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

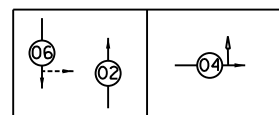
PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5	5	5	5	5	5	5	5
PASSAGE	2	2	2	2	2	2	2	2
MAXIMUM 1	54	61	8	38	8	106	19	27
YELLOW CHANGE	4	4	4	4	4	4	4	4
RED CLEARANCE	1	1	1	1	1	1	1	1
RECALL MODE	OFF	MAX	OFF	OFF	OFF	MAX	OFF	OFF
ACTUATED CYCLE LENGTH = 180								

STAGE 2 - 7TH AVENUE AND 19TH STREET



PHASE DESIGNATION DIAGRAM

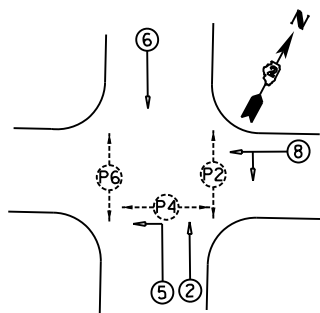
PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

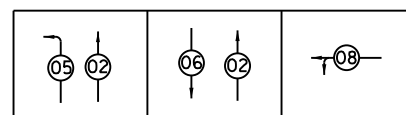
PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN		5		5		5		
PASSAGE		2		2		2		
MAXIMUM 1		64		16		64		
YELLOW CHANGE		4		4		4		
RED CLEARANCE		1		1		1		
RECALL MODE		MAX		OFF		MAX		
ACTUATED CYCLE LENGTH = 90								

STAGE 2 - 6TH AVENUE AND 19TH STREET



PHASE DESIGNATION DIAGRAM

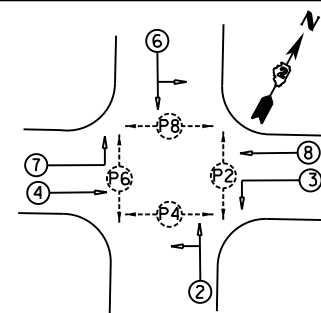
PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

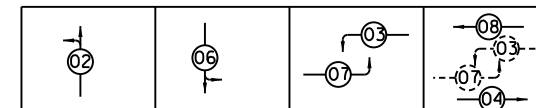
PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN		5			5	5		5
PASSAGE		2			2	2		2
MAXIMUM 1		145			5	135		25
YELLOW CHANGE		4			4	4		4
RED CLEARANCE		1			1	1		1
RECALL MODE		MAX			OFF	MAX		OFF
ACTUATED CYCLE LENGTH = 180								

STAGE 2 - 4TH AVENUE AND 19TH STREET



PHASE DESIGNATION DIAGRAM

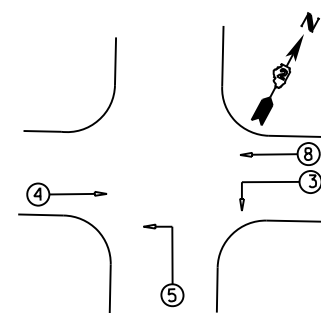
PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

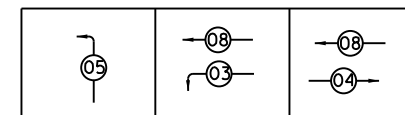
PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN		5	5	5		5	5	5
PASSAGE		2	2	2		2	2	2
MAXIMUM 1		82	5	57		16	5	57
YELLOW CHANGE		4	4	4		4	4	4
RED CLEARANCE		1	1	1		1	1	1
RECALL MODE		MAX	OFF	OFF		MAX	OFF	OFF
ACTUATED CYCLE LENGTH = 180								

STAGE 2 - RIVER DRIVE AND 19TH STREET



PHASE DESIGNATION DIAGRAM

PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN			5	5	5			5
PASSAGE			2	2	2			2
MAXIMUM 1			11	48	16			64
YELLOW CHANGE			4	4	4			4
RED CLEARANCE			1	1	1			1
RECALL MODE			OFF	OFF	MAX			OFF
ACTUATED CYCLE LENGTH = 90								

STAGE 2 - RIVER DRIVE AND I-74 RAMP

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME =	D2CONAB-HP5-sht-ts337	USER NAME =	hehr01663	DESIGNED -	TMA	REVISED -	
		DRAWN -	TMA	REVISOR -		REVISOR -	
		CHECKED -	KNB	REVISOR -		REVISOR -	
		DATE -	1/20/2017	REVISOR -		REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

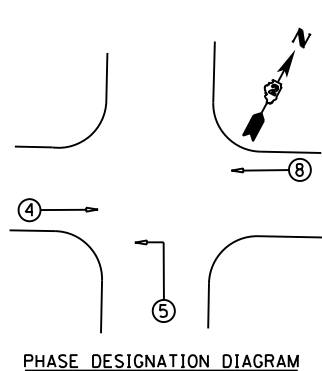
TRAFFIC SIGNAL PLANS TEMPORARY SIGNALS STAGE 2			
SCALE: NTS	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	478
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				

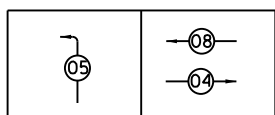
TS-11



© Copyright Hanson Professional Services, Inc.



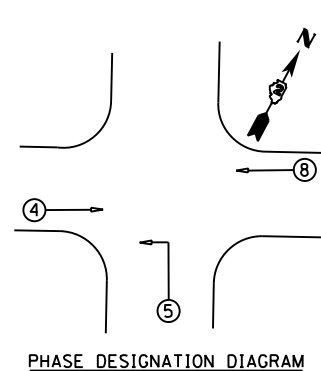
PHASE SEQUENCE CHART



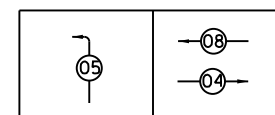
SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN				5	5			5
PASSAGE				2	2			2
MAXIMUM 1				124	46			124
YELLOW CHANGE				4	4			4
RED CLEARANCE				1	1			1
RECALL MODE				MAX	OFF			MAX
ACTUATED CYCLE LENGTH = 180								

WINTER STAGE - 7TH AVENUE AND RAMPS



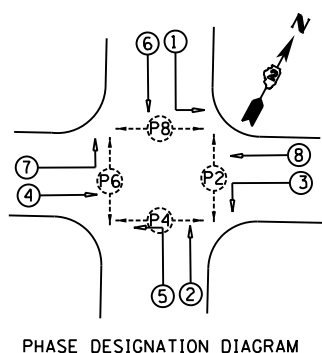
PHASE SEQUENCE CHART



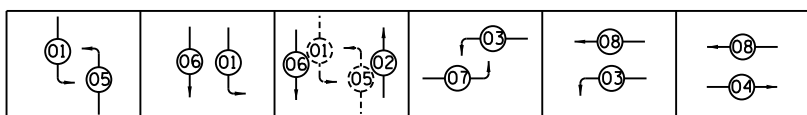
SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN				5	5			5
PASSAGE				2	2			2
MAXIMUM 1				63	37			63
YELLOW CHANGE				4	4			4
RED CLEARANCE				1	1			1
RECALL MODE				MAX	OFF			MAX
ACTUATED CYCLE LENGTH = 110								

STAGE 3 - 7TH AVENUE AND RAMPS



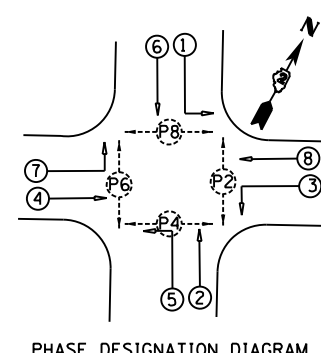
PHASE SEQUENCE CHART



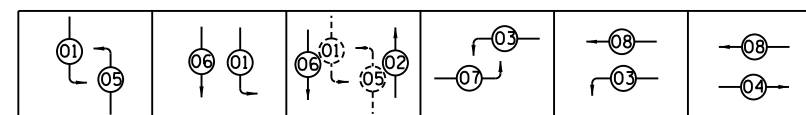
SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5	5	5	5	5	5	5	5
PASSAGE	2	2	2	2	2	2	2	2
MAXIMUM 1	74	23	8	55	12	85	5	58
YELLOW CHANGE	4	4	4	4	4	4	4	4
RED CLEARANCE	1	1	1	1	1	1	1	1
RECALL MODE	OFF	MAX	OFF	OFF	OFF	MAX	OFF	OFF
ACTUATED CYCLE LENGTH = 180								

WINTER STAGE - 7TH AVENUE AND 19TH STREET



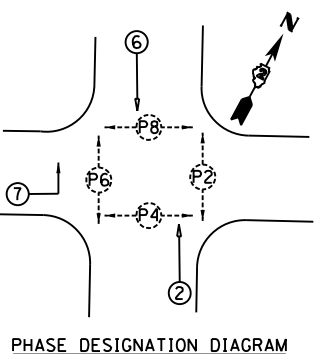
PHASE SEQUENCE CHART



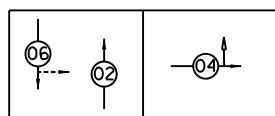
SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN	5	5	5	5	5	5	5	5
PASSAGE	2	2	2	2	2	2	2	2
MAXIMUM 1	21	24	19	26	14	31	5	40
YELLOW CHANGE	4	4	4	4	4	4	4	4
RED CLEARANCE	1	1	1	1	1	1	1	1
RECALL MODE	OFF	MAX	OFF	OFF	OFF	MAX	OFF	OFF
ACTUATED CYCLE LENGTH = 110								

STAGE 3 - 7TH AVENUE AND 19TH STREET



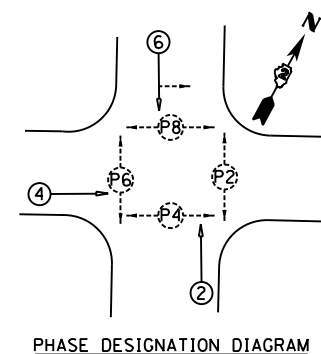
PHASE SEQUENCE CHART



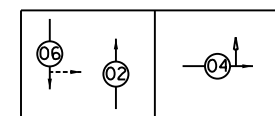
SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN		5				5	5	
PASSAGE		2				2	2	
MAXIMUM 1		72				72	98	
YELLOW CHANGE		4				4	4	
RED CLEARANCE		1				1	1	
RECALL MODE		MAX				MAX	OFF	
ACTUATED CYCLE LENGTH = 180								

WINTER STAGE - 6TH AVENUE AND 19TH STREET



PHASE SEQUENCE CHART



SUGGESTED TIMINGS (SECONDS)

PHASE	1	2	3	4	5	6	7	8
MINIMUM GREEN		5		5		5		
PASSAGE		2		2		2		
MAXIMUM 1		74		26		74		
YELLOW CHANGE		4		4		4		
RED CLEARANCE		1		1		1		
RECALL MODE		MAX		OFF		MAX		
ACTUATED CYCLE LENGTH = 110								

STAGE 3 - 6TH AVENUE AND 19TH STREET

LAYOUT	TMA	11/14/2016
DRAWN	TMA	11/16/2016
REVIEWED	KNB	11/21/2016

FILE NAME =	D2CONAB-HP5-sht-ts339	USER NAME =	hehr01663	DESIGNED -	TMA	REVISED -	
		DRAWN -	TMA	CHECKED -	KNB	REVISED -	
		PLOT DATE =	1/19/2017	DATE -	1/20/2017	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

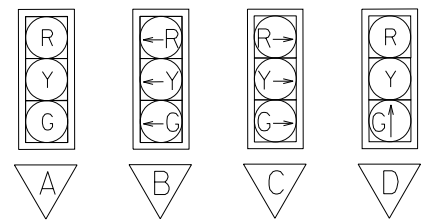
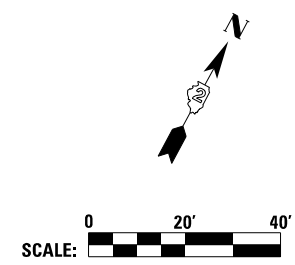
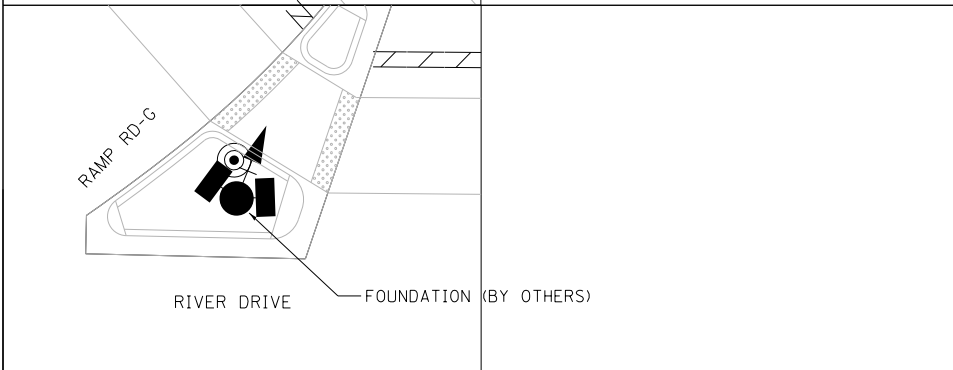
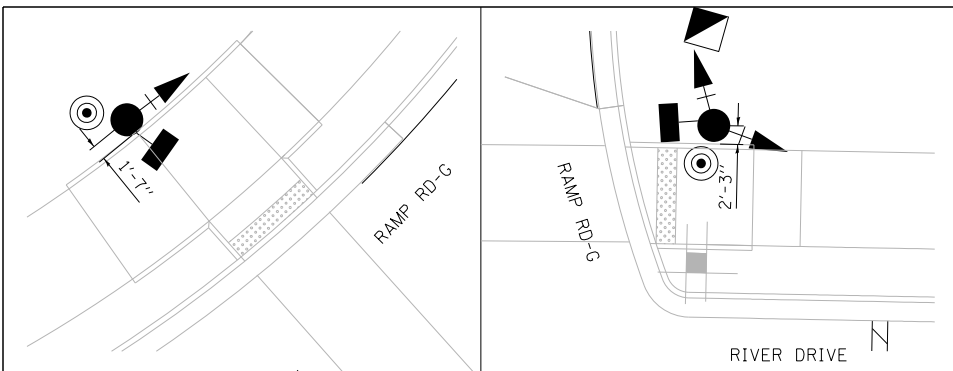
TRAFFIC SIGNAL PLANS TEMPORARY SIGNALS WINTER STAGE AND STAGE 3			
SCALE: NTS	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	479
CONTRACT NO. 64C08				ILLINOIS FED. AID PROJECT

TS-12



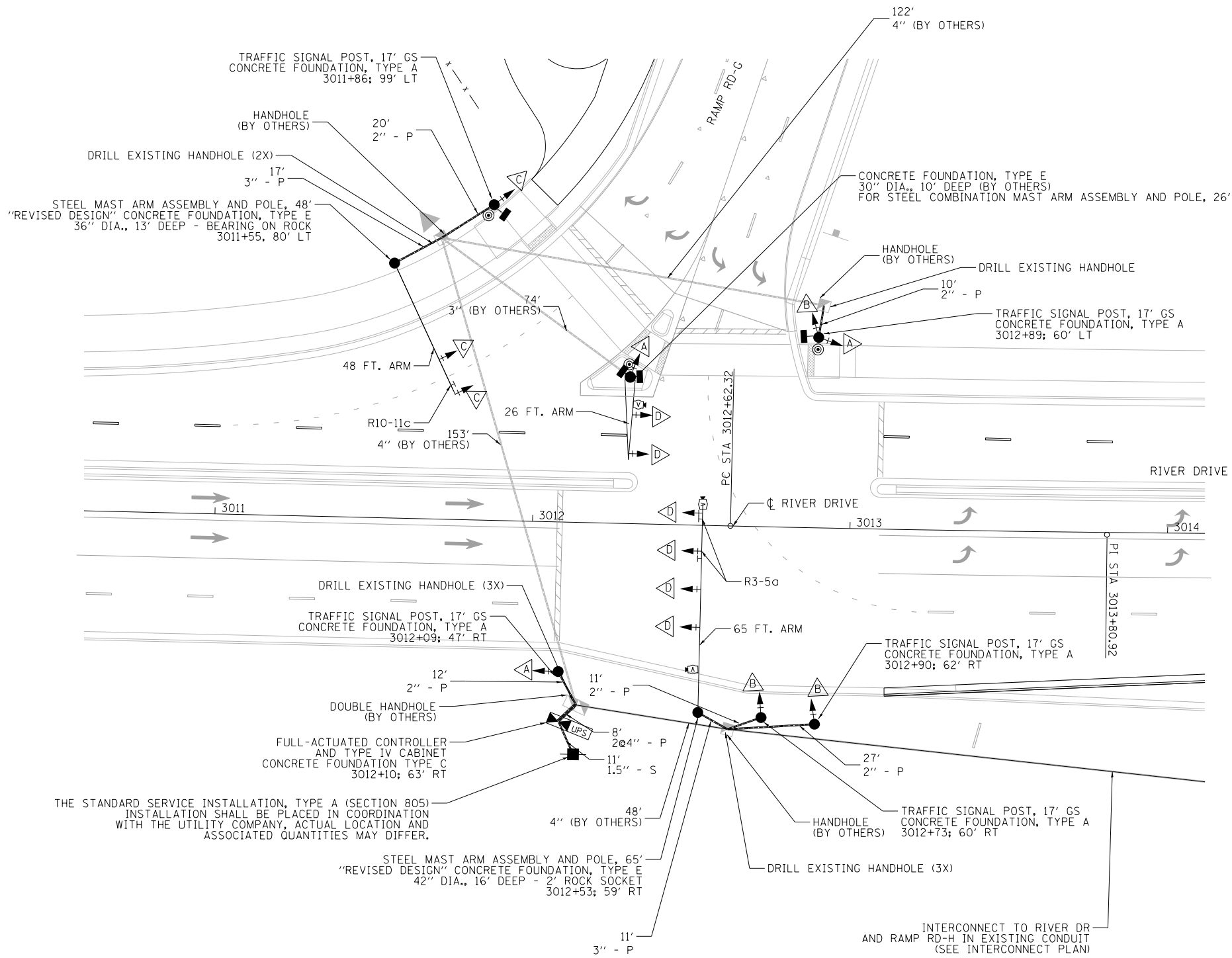
© Copyright Hanson Professional Services, Inc.



NOTES:
 1. ALL DISTURBED AREAS SHALL BE LANDSCAPED AND RESTORED TO PRIOR CONDITION.

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD WITH BACKPLATE
		SIGNAL POST
		CONTROLLER
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN COUNTDOWN SIGNAL HEAD
		PUSH BUTTON
		CONDUIT
		LENGTH - CONSTRUCTION SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT)
		STEEL MAST ARM ASSEMBLY AND POLE
		STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
		VIDEO DETECTION CAMERA
		SIGN ON MAST ARM
		SERVICE INSTALLATION



THE STANDARD SERVICE INSTALLATION, TYPE A (SECTION 805) INSTALLATION SHALL BE PLACED IN COORDINATION WITH THE UTILITY COMPANY, ACTUAL LOCATION AND ASSOCIATED QUANTITIES MAY DIFFER.

FILE NAME =	USER NAME = hehm01663	DESIGNED - TMA	REVISED -
D2CONAB-HP5-sht-ts003L.dgn		DRAWN - TMA	REVISED -
	PLOT SCALE = 1" = 20'	CHECKED - BWW	REVISED -
	PLOT DATE = 1/19/2017	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
RIVER DRIVE AND RAMP RD-G**

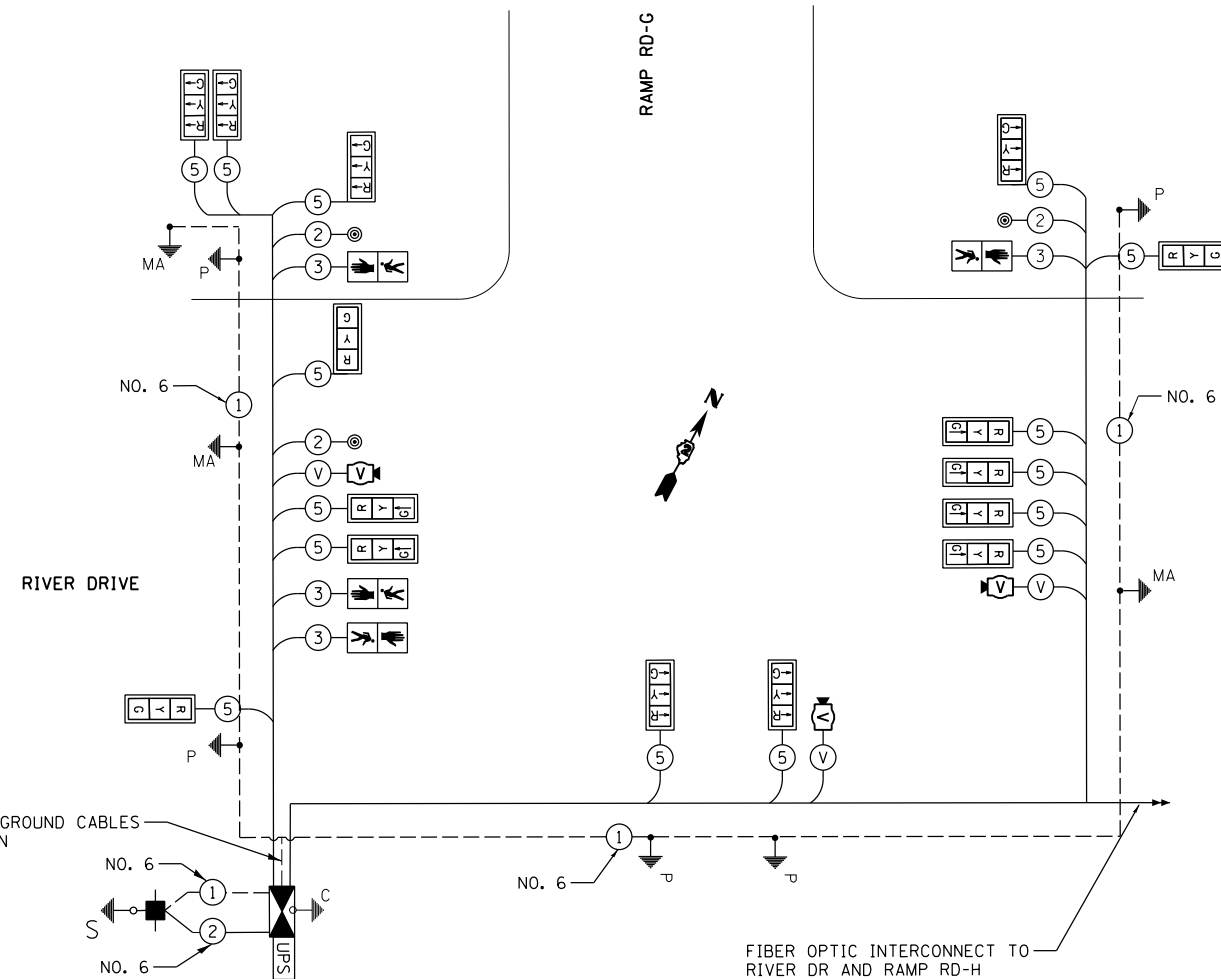
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	480
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

TS-13



© Copyright Hanson Professional Services, Inc.

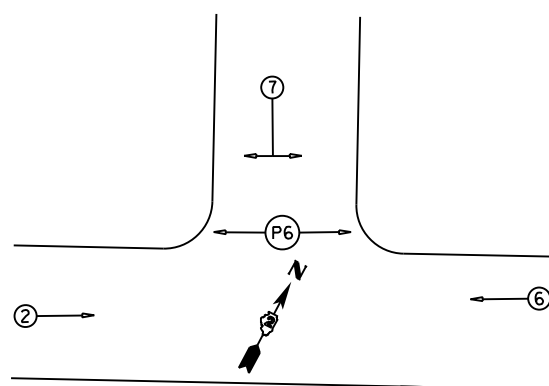


TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

PROPOSED	DESCRIPTION
⑤	ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
⊠ > ⊠	SIGNAL FACE WITH BACKPLATE
⊠ > ⊠	SIGNAL FACE
⊠ G	DIRECTIONAL SIGNAL SECTION
⊠ R	12" SIGNAL SECTION
⊠	WALK/DON'T WALK SECTION + COUNT DOWN
⊠ P	GROUND WIRE (POLE)
⊠ MA	GROUND WIRE (MAST ARM)
⊠	PEDESTRIAN PUSHBUTTON
—	CONDUIT
FYA	FLASHING YELLOW ARROW
⊠ V	VIDEO DETECTION CAMERA
— V —	COAXIAL CABLE AND POWER
⊠	ELECTRICAL SERVICE
⊠	CONTROLLER

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	2
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	11
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	80
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	28
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	16
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	28
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1153
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3200
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	28
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	644
87502510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT.	EACH	5
87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1
87700410	STEEL MAST ARM ASSEMBLY AND POLE, 65 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	16
87900200	DRILL EXISTING HANDHOLE	EACH	9
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	7
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	1
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	15
88800100	PEDESTRIAN PUSH-BUTTON	EACH	3
X0322281	WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1



PHASE DESIGNATION DIAGRAM

NOTES:

- SEE STANDARD PLAN 857001 FOR SEQUENCING
- SEE LIGHTING SHEETS FOR LUMIAIRE WIRING AND DETAILS

LAYOUT	TMA	10/9/2014
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME = D2CONAB-HP5-sht-ts004L.dgn

USER NAME = hehm01663
 PLOT SCALE = NTS
 PLOT DATE = 1/19/2017

DESIGNED - TMA
 DRAWN - TMA
 CHECKED - BWW
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
 CABLE PLAN
 RIVER DRIVE AND RAMP RD-G**

SCALE: NTS 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	481
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

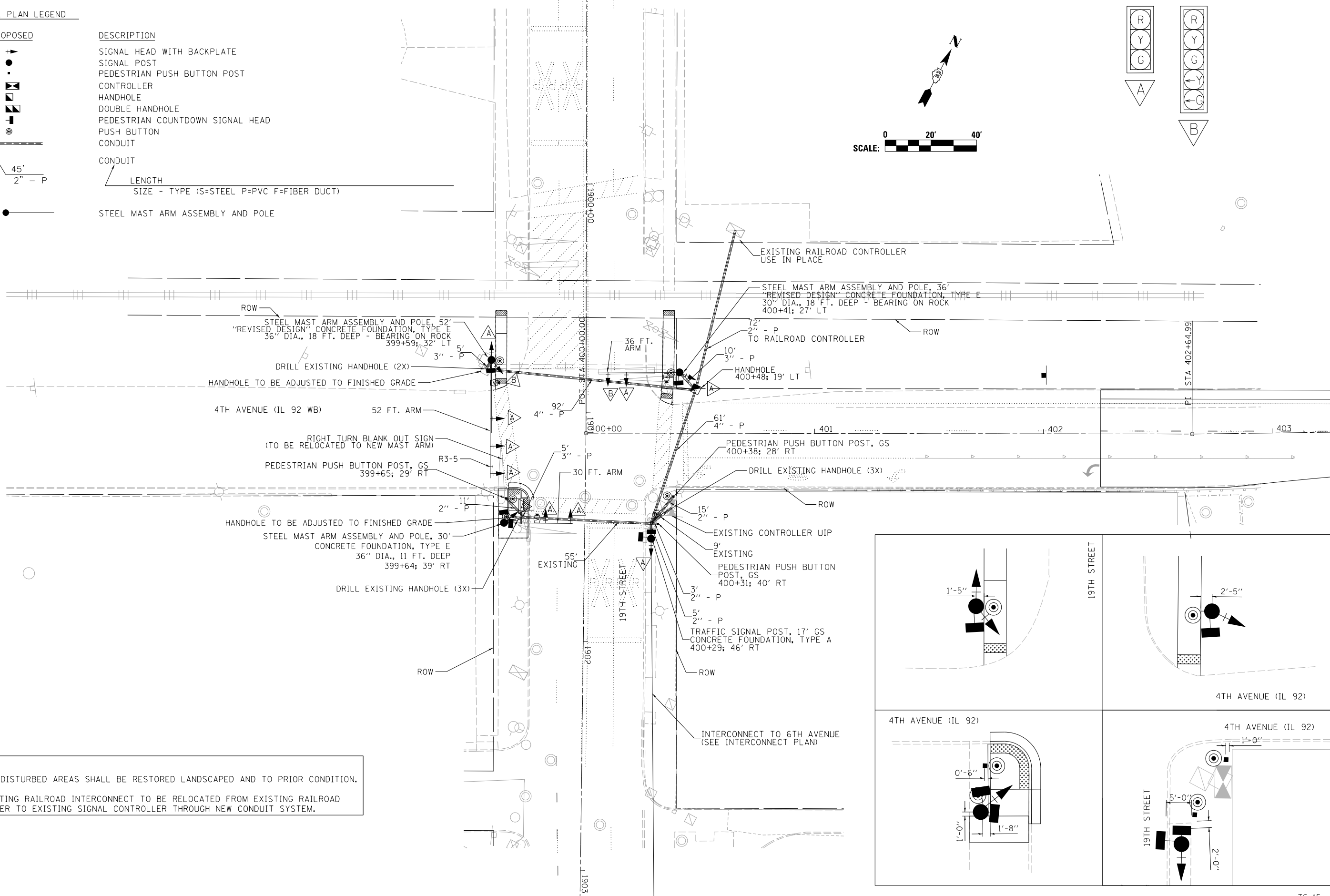
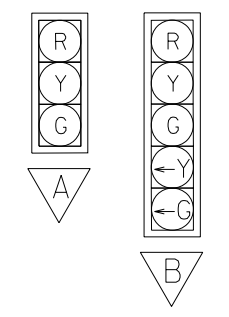
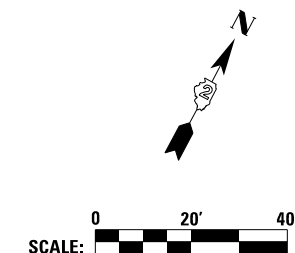
TS-14



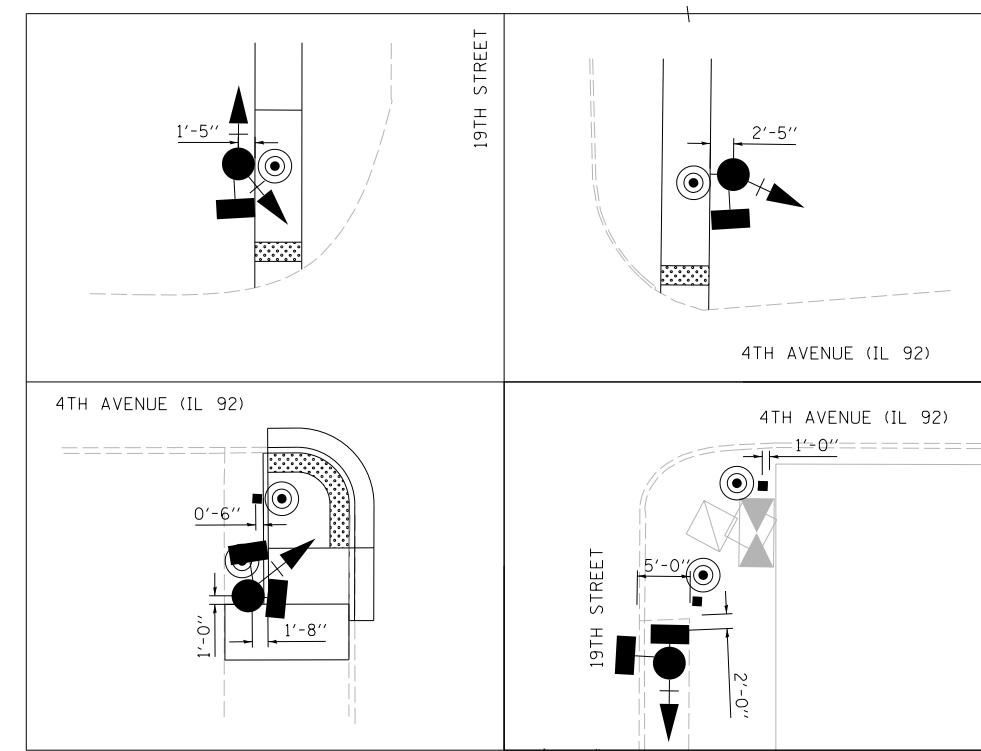
© Copyright Hanson Professional Services, Inc.

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD WITH BACKPLATE
		SIGNAL POST
		PEDESTRIAN PUSH BUTTON POST
		CONTROLLER
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN COUNTDOWN SIGNAL HEAD
		PUSH BUTTON
		CONDUIT
		CONDUIT LENGTH SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT)
		STEEL MAST ARM ASSEMBLY AND POLE



NOTES:
 1. ALL DISTURBED AREAS SHALL BE RESTORED LANDSCAPED AND TO PRIOR CONDITION.
 2. EXISTING RAILROAD INTERCONNECT TO BE RELOCATED FROM EXISTING RAILROAD CONTROLLER TO EXISTING SIGNAL CONTROLLER THROUGH NEW CONDUIT SYSTEM.



LAYOUT	TMA	3/29/2013
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME =	USER NAME =	DESIGNED -	REVISED -
D2CONAB-HP5-sht-ts201.dgn	hehm01663	TMA	
		DRAWN -	REVISED -
		TMA	
		CHECKED -	REVISED -
		BWW	
		DATE -	REVISED -
		1/20/2017	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
4TH AVENUE AND 19TH STREET

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	482
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				

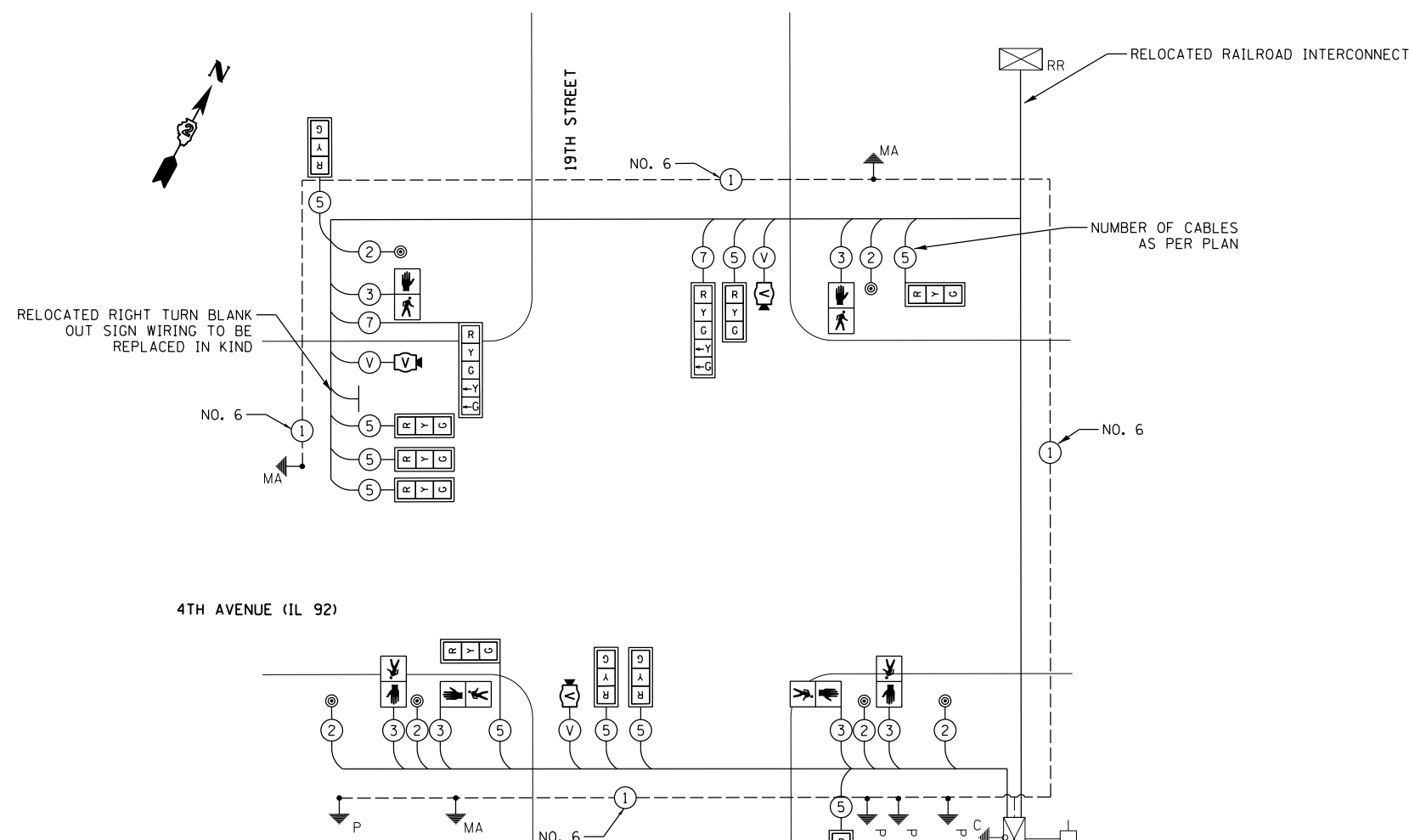
TS-15



© Copyright Hanson Professional Services, Inc.

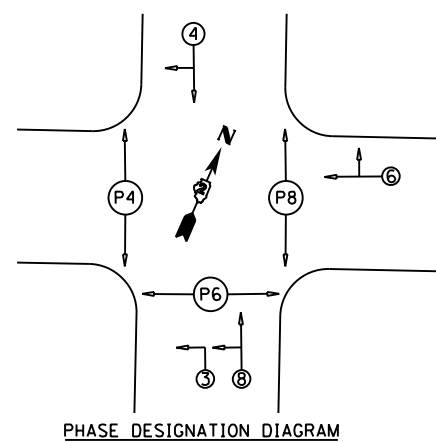
SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	1
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	106
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	20
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	153
81400100	HANDHOLE	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	571
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	609
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1719
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	258
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	386
87502510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT.	EACH	1
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	3
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	18
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	29
87900200	DRILL EXISTING HANDHOLE	EACH	8
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	12
88800100	PEDESTRIAN PUSH-BUTTON	EACH	6
89502375	REMOVE EXISTING TRAFFIC SIGNAL SYSTEM EQUIPMENT	EACH	1
X0322281	WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1
X0327008	REMOVE AND RELOCATE SIGN (SPECIAL)	EACH	1
X8140115	HANDHOLE TO BE ADJUSTED	EACH	2
X0325206	RELOCATE INTERCONNECT CABLE	FOOT	163



TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

DESCRIPTION	DESCRIPTION
	ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
	SIGNAL FACE WITH BACKPLATE
	DIRECTIONAL SIGNAL SECTION
	12" SIGNAL SECTION
	WALK/DON'T WALK SECTION + COUNT DOWN
	GROUND WIRE (POLE)
	GROUND WIRE (MAST ARM)
	PEDESTRIAN PUSHBUTTON
	CONDUIT
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	UNINTERRUPTIBLE POWER SUPPLY
	CONTROLLER
	EXISTING RAILROAD INTERCONNECT
	EXISTING SERVICE



NOTES:

1. THE RAILROAD INTERCONNECT AND PREEEMPTION SHALL BE MAINTAINED.
2. SEE STANDARD PLAN 857001 FOR SEQUENCING

LAYOUT	TMA	3/29/2013
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME = D2CONAB-HP5-sht-ts202.dgn	USER NAME = hehm01663	DESIGNED - TMA	REVISED -
		DRAWN - TMA	REVISED -
		CHECKED - BWW	REVISED -
		DATE - 1/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

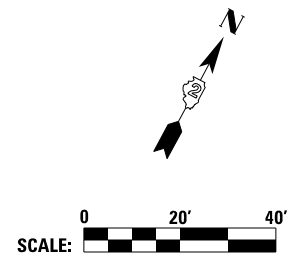
TRAFFIC SIGNAL PLANS CABLE PLAN 4TH AVENUE AND 19TH STREET			
SCALE: NTS	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	483
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

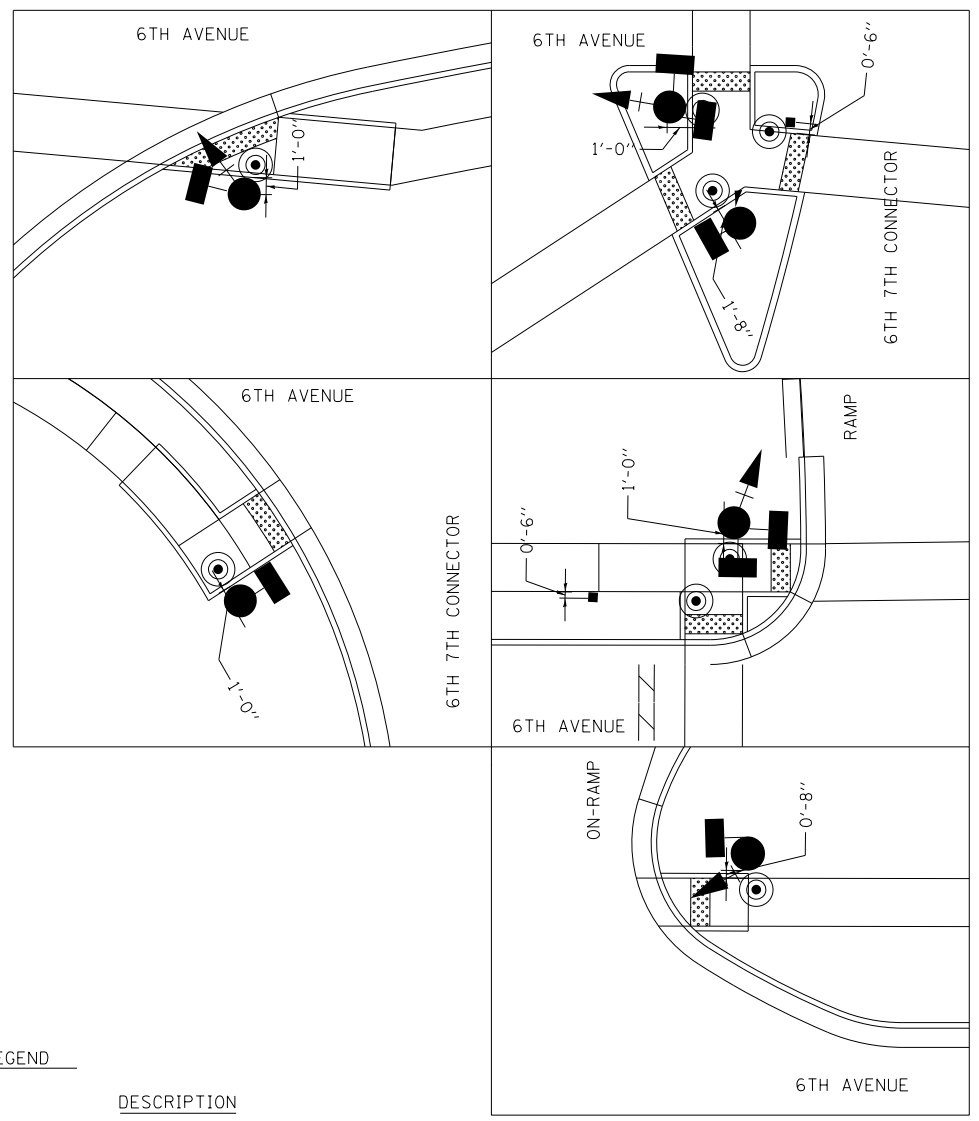
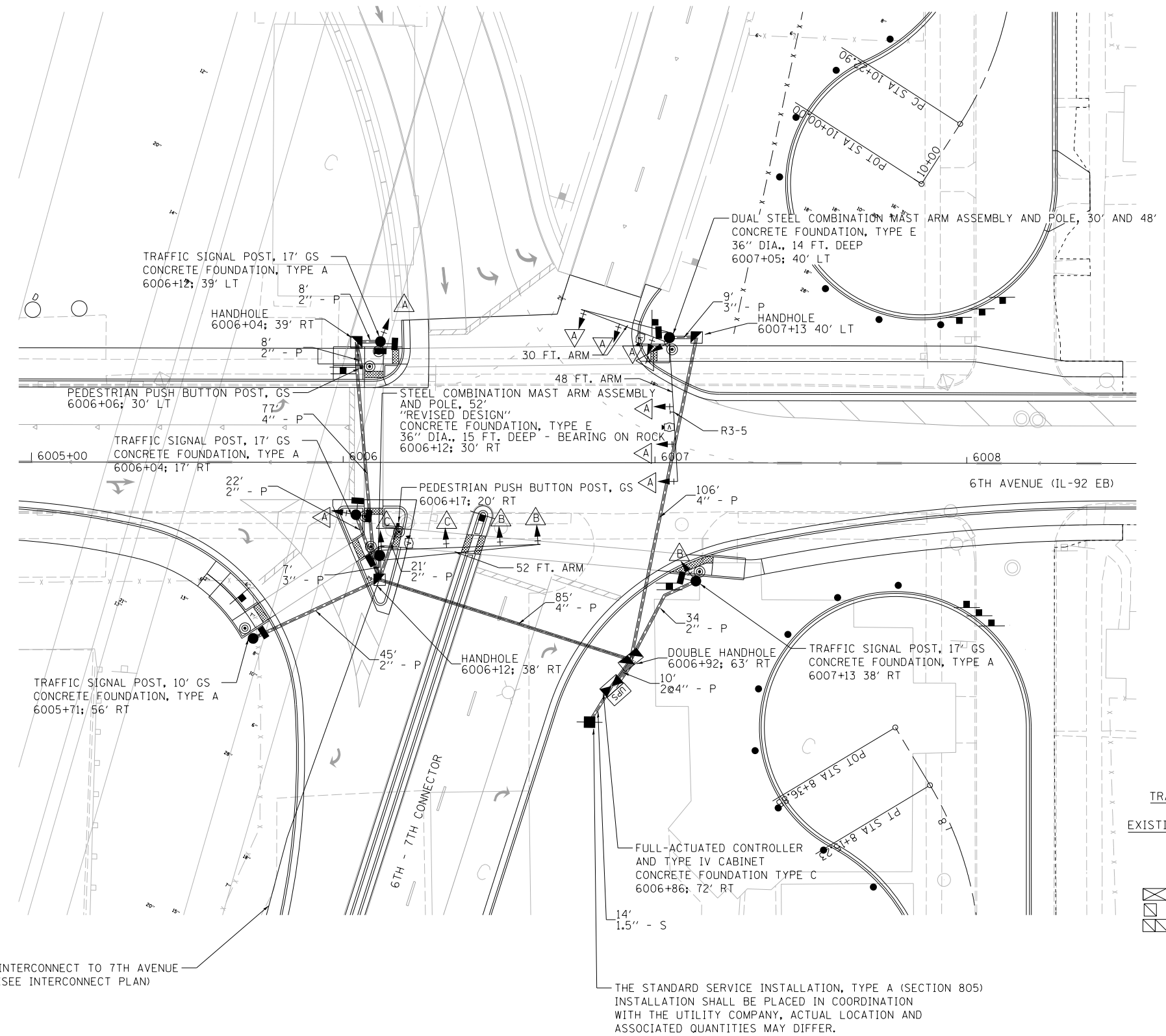
TS-16



© Copyright Hanson Professional Services, Inc.



NOTES:
 1. ALL DISTURBED AREAS SHALL BE RESTORED LANDSCAPED AND TO PRIOR CONDITION.
 2. THE POWER SUPPLY SHALL BE PLACED IN COORDINATION WITH THE UTILITY COMPANY. ADDITIONAL ELECTRICAL CABLE MAY BE NEEDED.
 3. ALL PUSH BUTTONS SHALL BE PLACED IMMEDIATELY NEXT TO PEDESTRIAN LANDING AREAS. ALL PUSH BUTTONS SHALL BE A MINIMUM OF 10 FEET APART.



TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD WITH BACKPLATE
		SIGNAL POST
		PEDESTRIAN PUSH BUTTON POST
		CONTROLLER
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN COUNTDOWN SIGNAL HEAD
		PUSH BUTTON
		CONDUIT
		STEEL MAST ARM ASSEMBLY AND POLE
		STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
		ELECTRICAL SERVICE INSTALLATION

	LENGTH
	SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT)

A	B	C

INTERCONNECT TO 7TH AVENUE
(SEE INTERCONNECT PLAN)

THE STANDARD SERVICE INSTALLATION, TYPE A (SECTION 805) INSTALLATION SHALL BE PLACED IN COORDINATION WITH THE UTILITY COMPANY. ACTUAL LOCATION AND ASSOCIATED QUANTITIES MAY DIFFER.

LAYOUT	TMA	7/22/2011
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME =	D2CONAB-HP5-sht-ts307	USER NAME =	hehm01663	DESIGNED -	TMA	REVISED -	
		DRAWN -	TMA	REVISOR -		REVISOR -	
		CHECKED -	BWW	REVISOR -		REVISOR -	
		DATE -	1/20/2017	REVISOR -		REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
6TH AVENUE AND RAMP 6TH-C AND RAMP 6TH-D

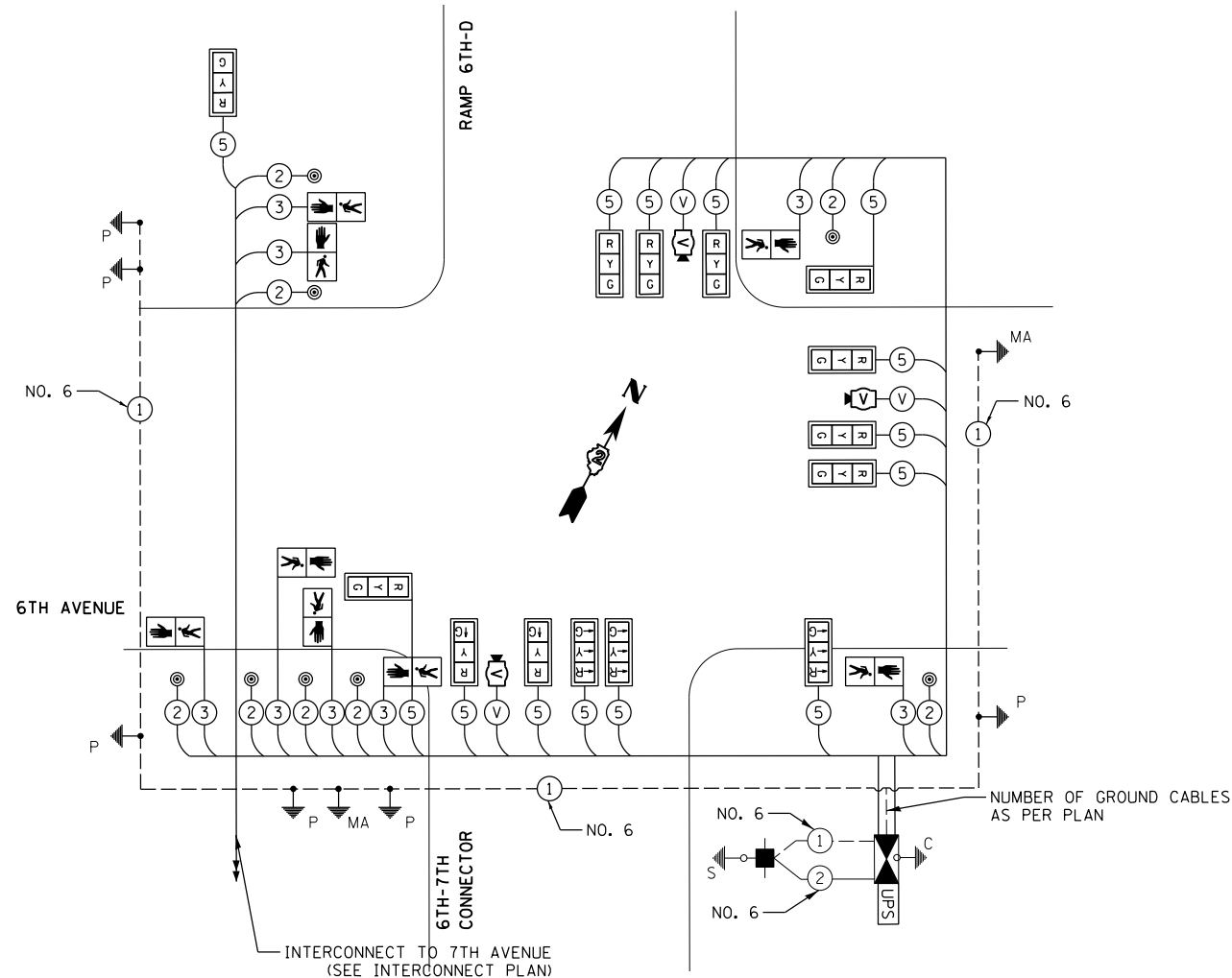
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	484
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

TS-17

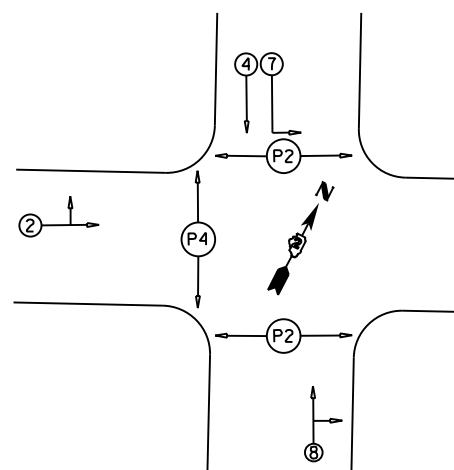


© Copyright Hanson Professional Services, Inc.



TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

- | DESCRIPTION | |
|-------------|--|
| | ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS |
| | SIGNAL FACE WITH BACKPLATE |
| | DIRECTIONAL SIGNAL SECTION |
| | 12" SIGNAL SECTION |
| | WALK/DON'T WALK SECTION + COUNT DOWN |
| | GROUND WIRE (POLE) |
| | GROUND WIRE (MAST ARM) |
| | PEDESTRIAN PUSHBUTTON |
| | CONDUIT |
| | VIDEO DETECTION CAMERA |
| | COAXIAL CABLE |
| | UNINTERRUPTIBLE POWER SUPPLY |
| | CONTROLLER |



PHASE DESIGNATION DIAGRAM

- NOTES:**
- SEE STANDARD PLAN 857001 FOR SEQUENCING
 - SEE LIGHTING SHEETS FOR LUMINAIRE WIRING AND DETAILS

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	1
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	14
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	138
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	16
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	288
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1268
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1319
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2681
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	17
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	571
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
87502510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT.	EACH	3
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	2
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87704516	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 48 FT. AND 30 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	29
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	14
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
X0322281	WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1

LAYOUT	TMA	7/22/2011
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME = D2CONAB-HP5-sht-ts308

USER NAME = hehm01663	DESIGNED - TMA	REVISED -
PLOT SCALE = NTS	DRAWN - TMA	REVISED -
PLOT DATE = 1/19/2017	CHECKED - BWW	REVISED -
	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL CABLE PLAN
6TH AVENUE AND RAMP 6TH-C AND RAMP 6TH-D**

SCALE: NTS 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	485
			CONTRACT NO. 64C08	
ILLINOIS FED. AID PROJECT				

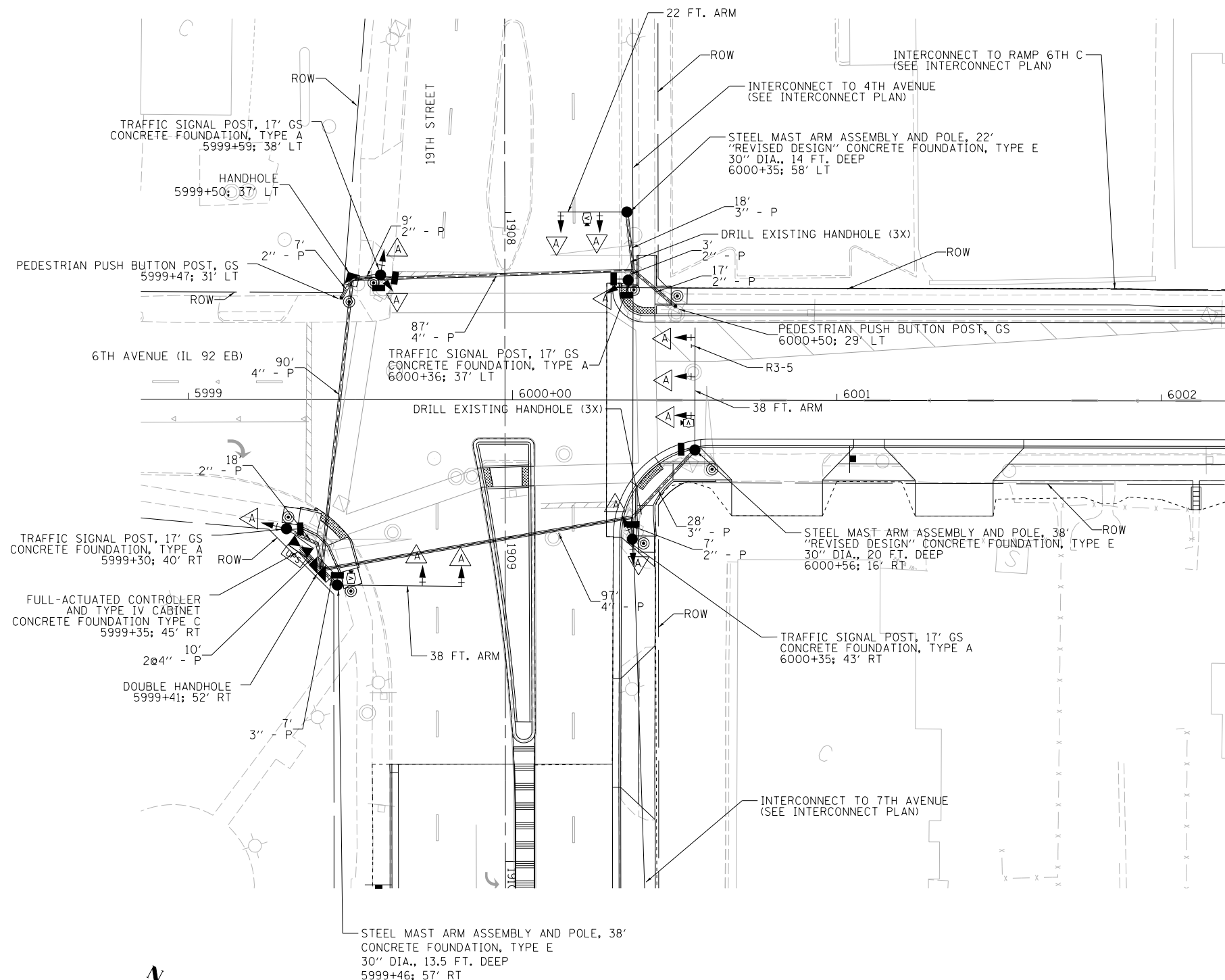
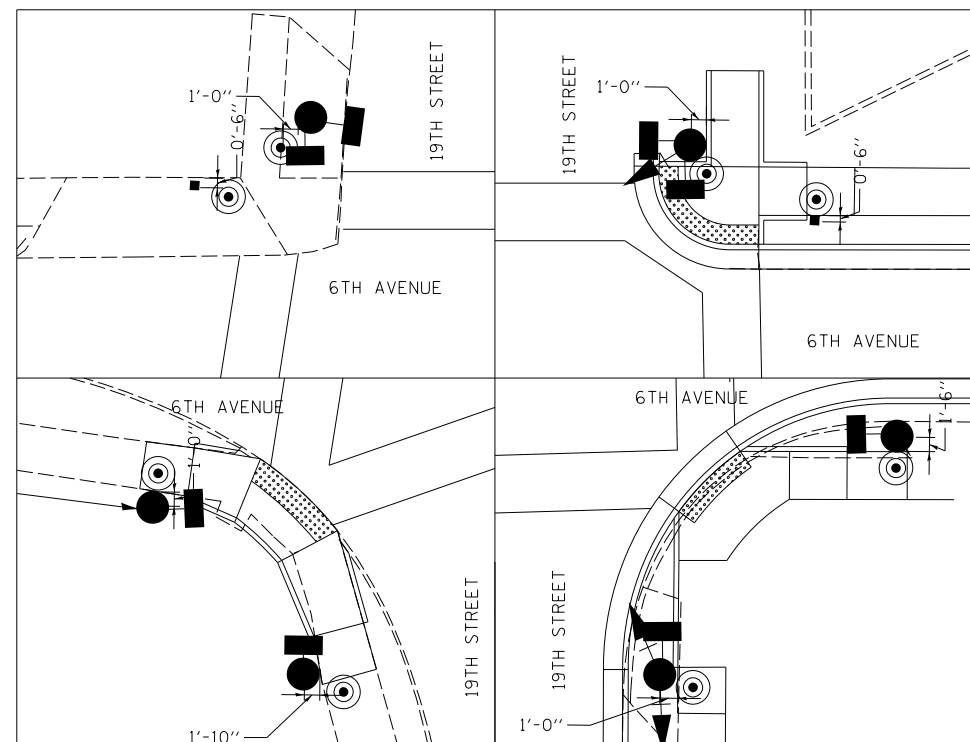
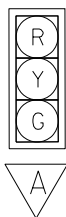
TS-18



© Copyright Hanson Professional Services, Inc.

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD WITH BACKPLATE
		SIGNAL POST
		PEDESTRIAN PUSH BUTTON POST
		CONTROLLER
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN COUNTDOWN SIGNAL HEAD
		PUSH BUTTON
		CONDUIT
		STEEL MAST ARM ASSEMBLY AND POLE



- NOTES:
1. ALL DISTURBED AREAS SHALL BE RESTORED LANDSCAPED AND TO PRIOR CONDITION.
 2. THE POWER SUPPLY SHALL BE TAKEN FROM THE EXISTING METER, IN COORDINATION WITH THE UTILITY COMPANY, AND RELOCATED FROM EXISTING CONTROLLER TO THE PROPOSED CONTROLLER. ADDITIONAL ELECTRICAL SERVICE CABLE AND 1.5" GALVANIZED STEEL CONDUIT MAY BE NEEDED. TO BE INCLUDED IN COST OF CONTROLLER.
 3. ALL PUSH BUTTONS SHALL BE PLACED IMMEDIATELY NEXT TO PEDESTRIAN LANDING AREAS. ALL PUSH BUTTONS SHALL BE A MINIMUM OF 10 FEET APART.



LAYOUT	TMA	7/22/2011
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME = D2CONAB-HPS-sht-ts309

USER NAME = hehm01663	DESIGNED - TMA	REVISED -
PLOT SCALE = 1" = 20'	DRAWN - TMA	REVISED -
PLOT DATE = 1/19/2017	CHECKED - BWW	REVISED -
	DATE - 1/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
6TH AVENUE AND 19TH STREET

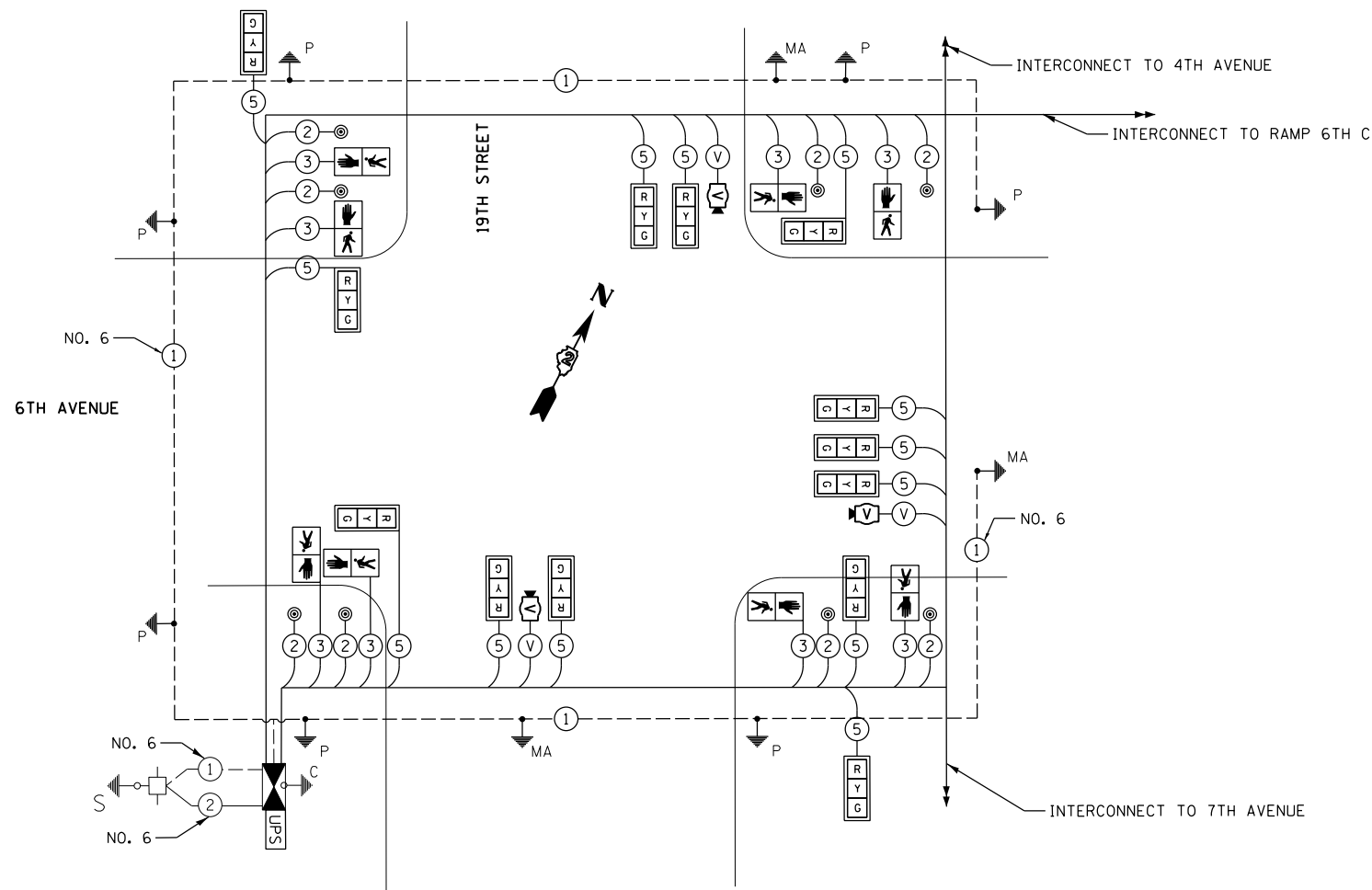
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	486
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C08	

TS-19



© Copyright Hanson Professional Services, Inc.

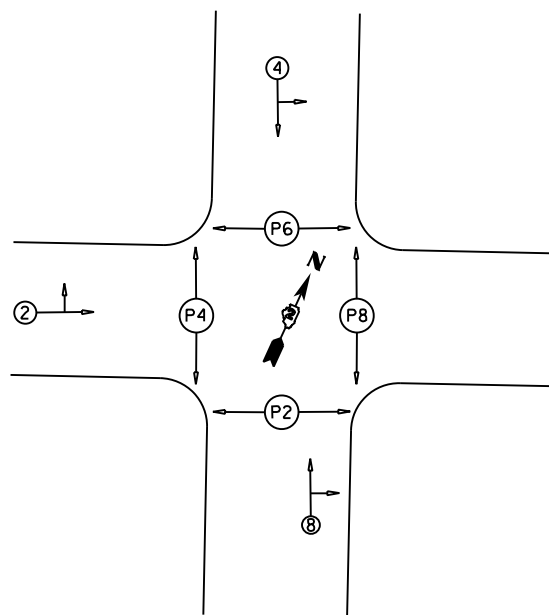


SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	61
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	53
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	294
81400100	HANDHOLE	EACH	1
81400300	DOUBLE HANDHOLE	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1184
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1227
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2516
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	590
87502510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT.	EACH	4
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	2
87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	48
87900200	DRILL EXISTING HANDHOLE	EACH	6
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	13
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X0322281	WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

- PROPOSED**
- DESCRIPTION**
- ⑤ ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
- ☐ SIGNAL FACE WITH BACKPLATE
- Ⓜ DIRECTIONAL SIGNAL SECTION
- Ⓡ 12" SIGNAL SECTION
- Ⓢ WALK/DON'T WALK SECTION + COUNT DOWN
- ^P GROUND WIRE (POLE)
- ^{MA} GROUND WIRE (MAST ARM)
- ⊙ PEDESTRIAN PUSHBUTTON
- CONDUIT
- 📷 VIDEO DETECTION CAMERA
- ^V COAXIAL CABLE
- Ⓢ UPS UNINTERRUPTIBLE POWER SUPPLY
- Ⓢ CONTROLLER



PHASE DESIGNATION DIAGRAM

NOTE: SEE STANDARD PLAN 857001 FOR SEQUENCING

LAYOUT	TMA	7/22/2011
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME = D2CONAB-HPS-sht-ts310

USER NAME = hehm01663
 DESIGNED - TMA
 DRAWN - TMA
 PLOT SCALE = NTS
 PLOT DATE = 1/19/2017

REVISED -
 REVISED -
 CHECKED - BWW
 DATE - 1/20/2017
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
 TRAFFIC SIGNAL CABLE PLAN
 6TH AVENUE AND 19TH STREET**
 SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

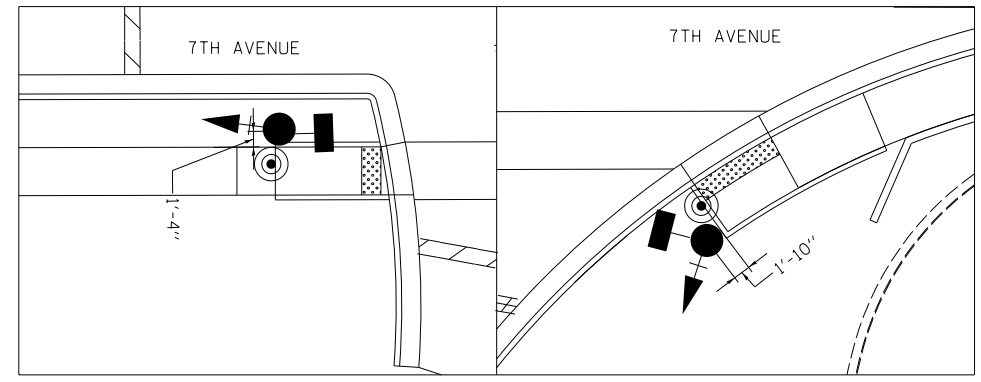
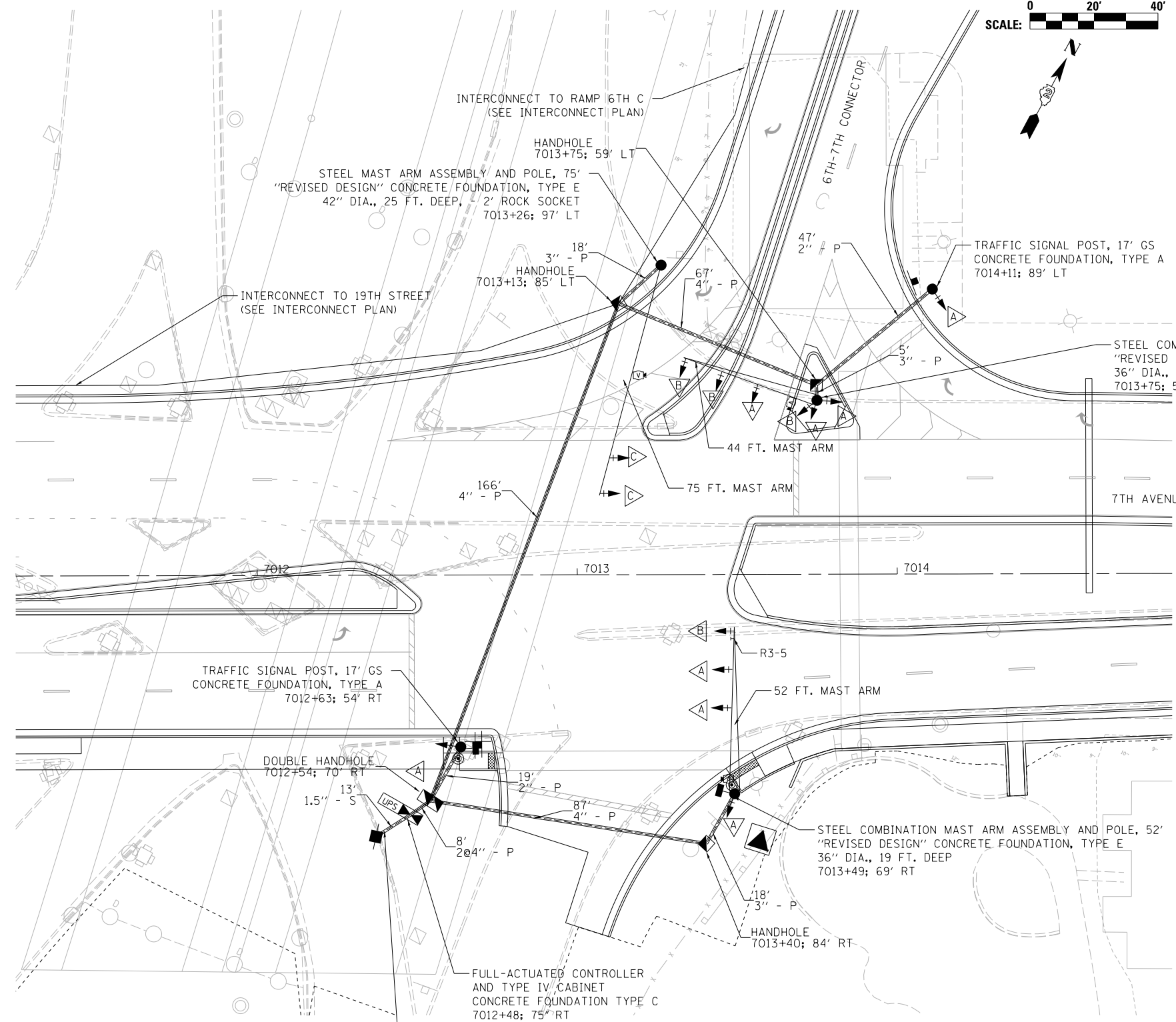
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	487
			CONTRACT NO. 64C08	
ILLINOIS FED. AID PROJECT				

TS-20



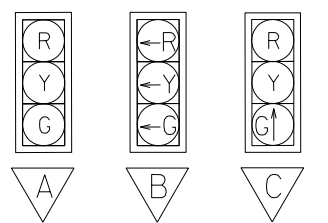
© Copyright Hanson Professional Services, Inc.

- NOTES:
1. ALL DISTURBED AREAS SHALL BE RESTORED LANDSCAPED AND TO PRIOR CONDITION.
 2. THE POWER SUPPLY SHALL BE PLACED IN COORDINATION WITH THE UTILITY COMPANY. ADDITIONAL ELECTRICAL CABLE MAY BE NEEDED.
 3. ALL PUSH BUTTONS SHALL BE PLACED IMMEDIATELY NEXT TO PEDESTRIAN LANDING AREAS. ALL PUSH BUTTONS SHALL BE A MINIMUM OF 10 FEET APART.



TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD WITH BACKPLATE
		SIGNAL POST
		CONTROLLER
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN COUNTDOWN SIGNAL HEAD
		PUSH BUTTON
		CONDUIT
		CONDUIT
		CONDUIT
		STEEL MAST ARM ASSEMBLY AND POLE
		COMBINATION STEEL MAST ARM ASSEMBLY AND POLE
		ELECTRICAL SERVICE INSTALLATION



LAYOUT	TMA	7/22/2011
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME = D2CONAB-HP5-sht-ts311

USER NAME = hehm01663	DESIGNED - TMA	REVISED -
PLOT SCALE = 1" = 20'	DRAWN - TMA	REVISED -
PLOT DATE = 1/19/2017	CHECKED - BWW	REVISED -
	DATE - 1/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
7TH AVENUE AND CONNECTOR (RAMP 7TH-A)

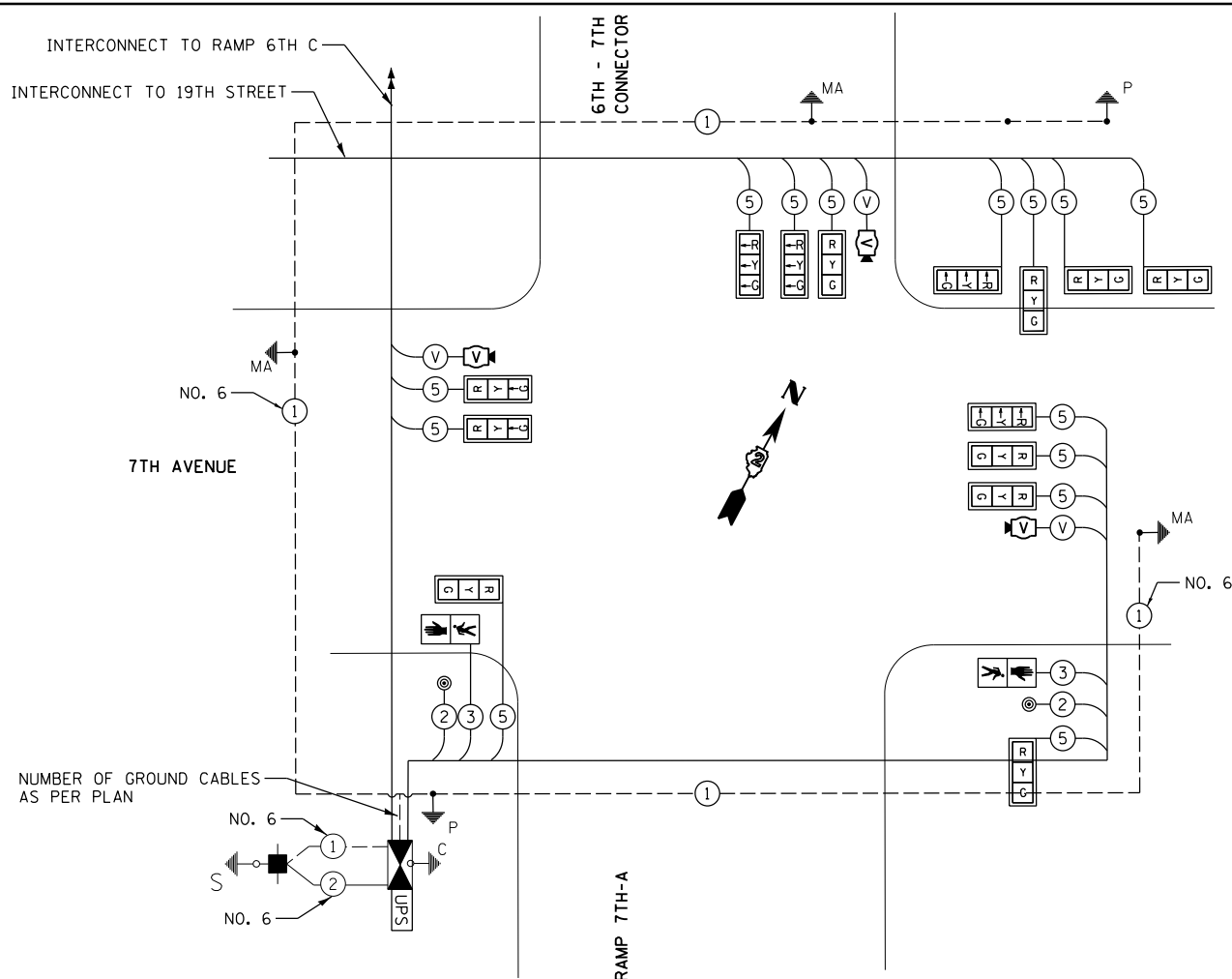
SCALE: 1" = 20'	SHEET NO.	OF	SHEETS	STA.	TO	STA.
-----------------	-----------	----	--------	------	----	------

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVBR)	ROCK ISLAND	1504	488
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

TS-21

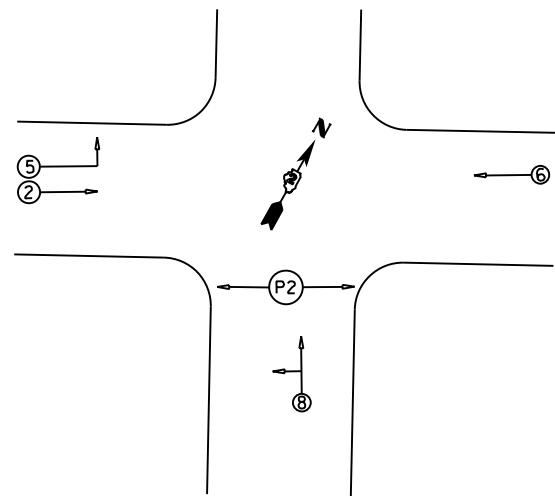


© Copyright Hanson Professional Services, Inc.



TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

PROPOSED	DESCRIPTION
	ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
	SIGNAL FACE WITH BACKPLATE
	DIRECTIONAL SIGNAL SECTION
	12" SIGNAL SECTION
	WALK/DON'T WALK SECTION + COUNT DOWN
	GROUND WIRE (POLE)
	GROUND WIRE (MAST ARM)
	PEDESTRIAN PUSHBUTTON
	CONDUIT
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	UNINTERRUPTIBLE POWER SUPPLY
	CONTROLLER
	ELECTRICAL SERVICE



PHASE DESIGNATION DIAGRAM

- NOTES:**
- SEE STANDARD PLAN 857001 FOR SEQUENCING
 - SEE LIGHTING SHEETS FOR LUMINAIRE WIRING AND DETAILS

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	2
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	13
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	66
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	41
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	336
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	197
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	211
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3605
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	16
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	549
87502510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT.	EACH	2
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87700430	STEEL MAST ARM ASSEMBLY AND POLE, 75 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	6
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	35
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	25
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	14
88800100	PEDESTRIAN PUSH-BUTTON	EACH	2
X0322281	WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1

LAYOUT	TMA	7/22/2011
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME = D2CONAB-HPS-sht-ts312

USER NAME = hehm01663	DESIGNED - TMA	REVISED -
PLOT SCALE = NTS	DRAWN - TMA	REVISED -
PLOT DATE = 1/19/2017	CHECKED - BWW	REVISED -
	DATE - 1/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL CABLE PLAN
7TH AVENUE AND CONNECTOR (RAMP 7TH-A)**

SCALE: NTS 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	489
			CONTRACT NO. 64C08	
ILLINOIS FED. AID PROJECT				

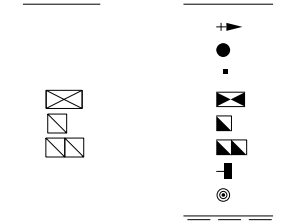
TS-22



© Copyright Hanson Professional Services, Inc.

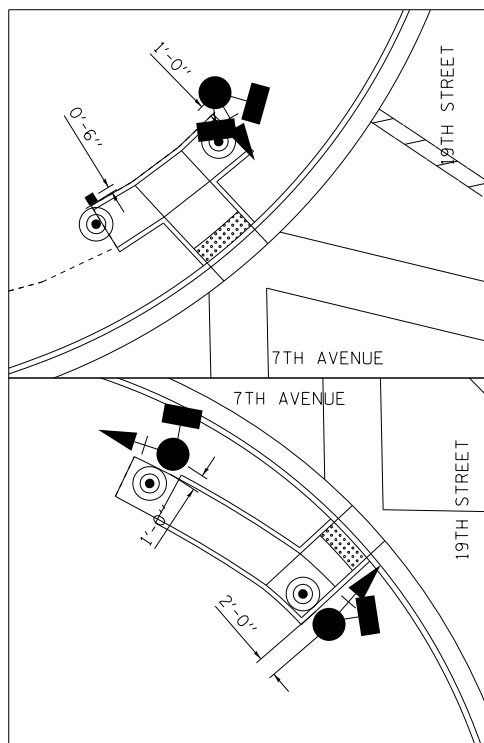
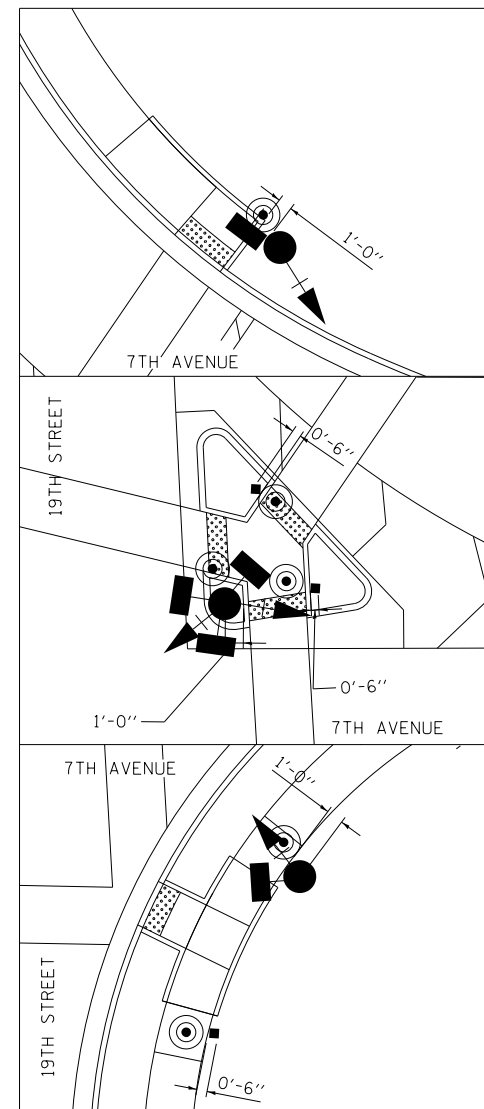
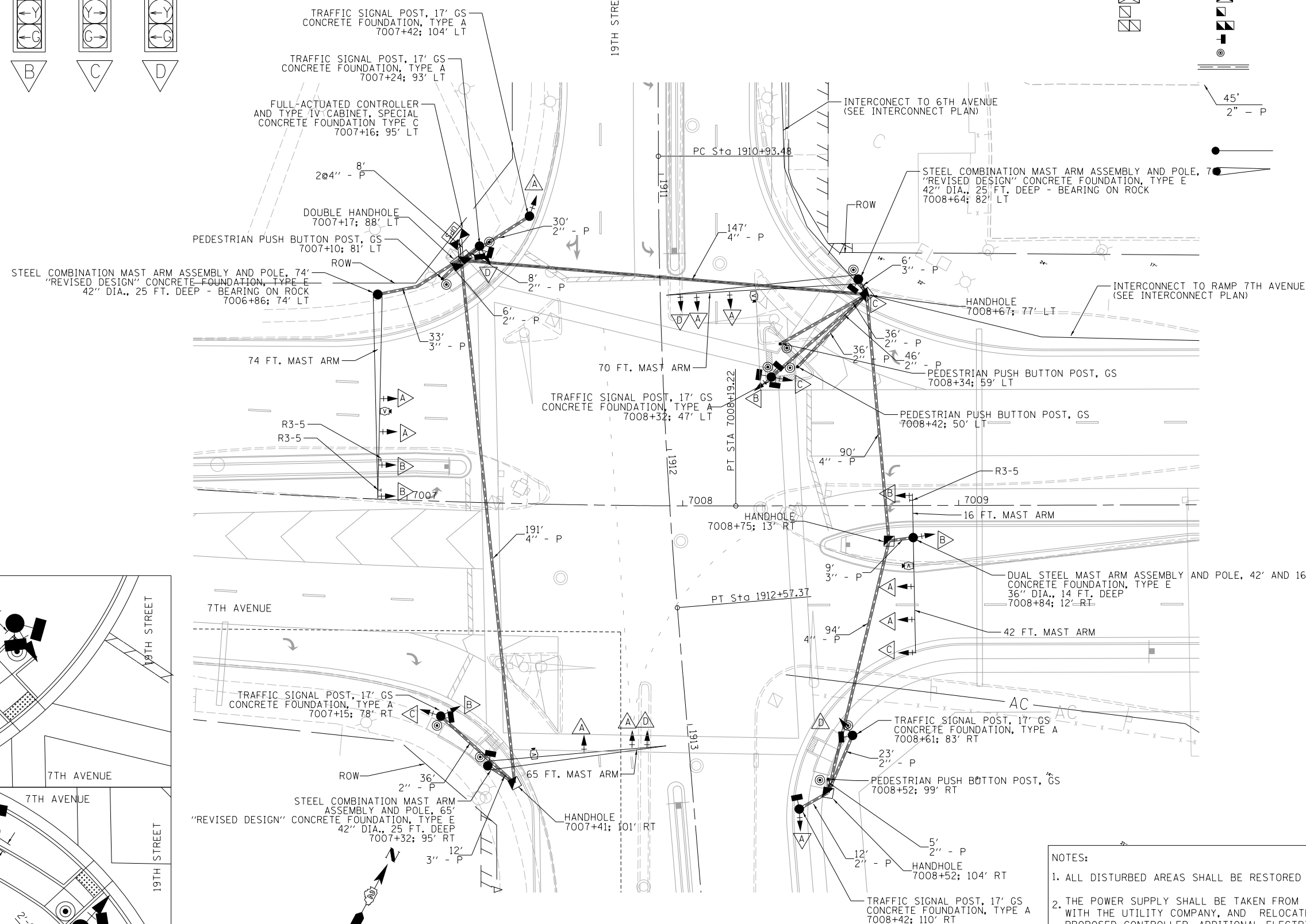
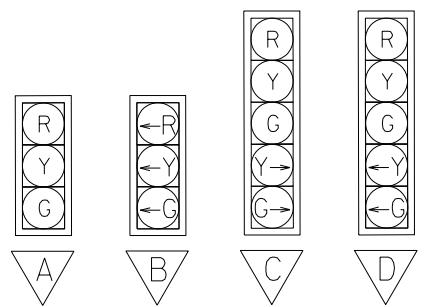
TRAFFIC SIGNAL PLAN LEGEND

EXISTING PROPOSED



DESCRIPTION

- Signal head with backplate, Signal post, Pedestrian push button post, Controller, Handhole, Double handhole, Pedestrian countdown signal head, Push button, Conduit, Conduit length, Steel mast arm assembly and pole, Combination steel mast arm assembly and pole



- NOTES: 1. ALL DISTURBED AREAS SHALL BE RESTORED LANDSCAPED AND TO PRIOR CONDITION. 2. THE POWER SUPPLY SHALL BE TAKEN FROM THE EXISTING METER... 3. ALL PUSH BUTTONS SHALL BE PLACED IMMEDIATELY NEXT TO PEDESTRIAN LANDING AREAS...

Revision table with columns for LAYOUT, DRAWN, REVIEWED, TMA, and dates

FILE NAME = D2CONAB-HP5-sht-ts313

USER NAME = hehm01663

DESIGNED - TMA, DRAWN - TMA, CHECKED - BWW, DATE - 1/20/2017

REVISED - (empty), REVISED - (empty), REVISED - (empty), REVISED - (empty)

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS 7TH AVENUE AND 19TH STREET

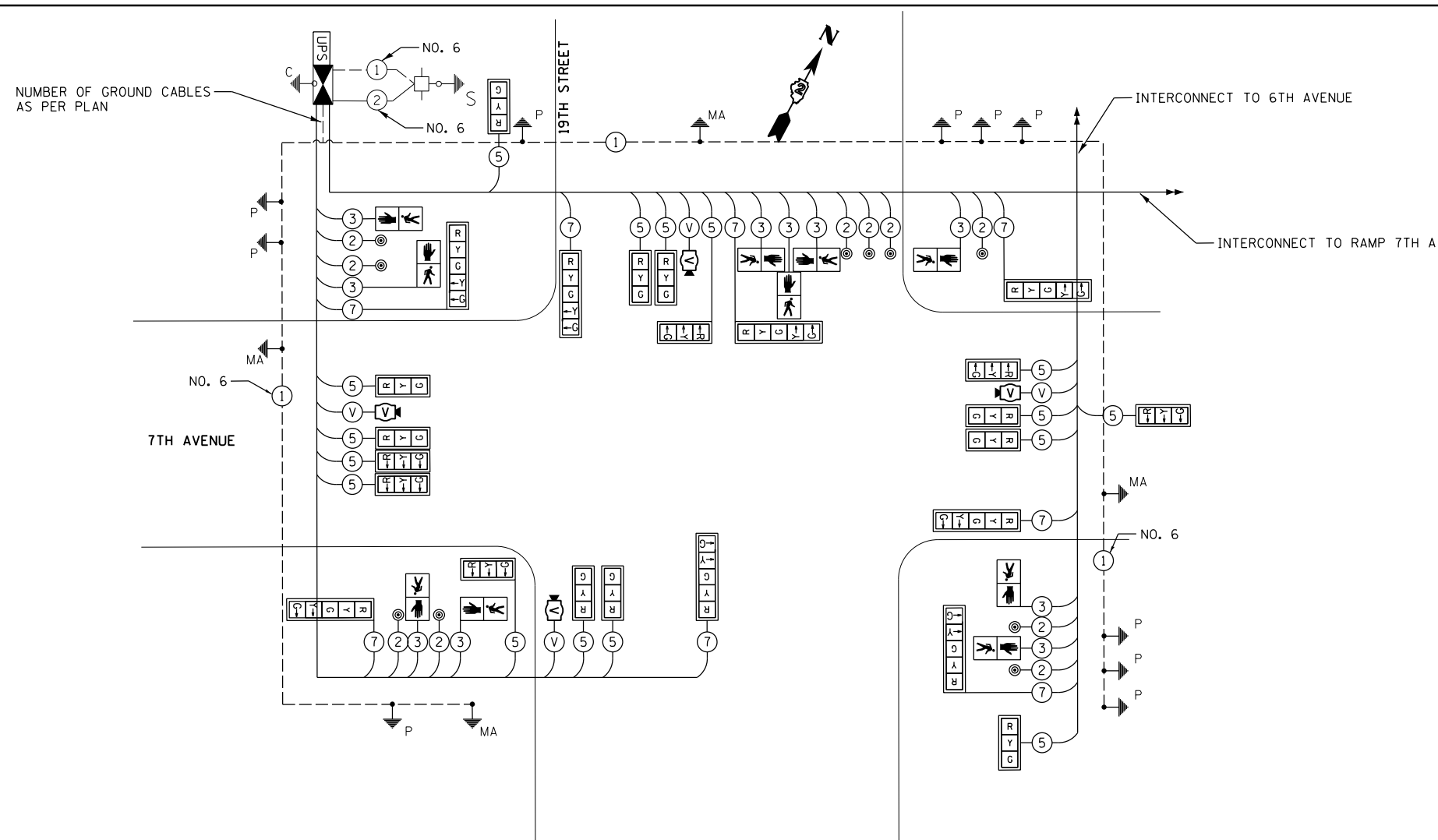
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

Project information table with columns for F.A.I. Rte., Section, County, Total Sheets, Sheet No., Contract No., and Project Name

TS-23



© Copyright Hanson Professional Services, Inc.

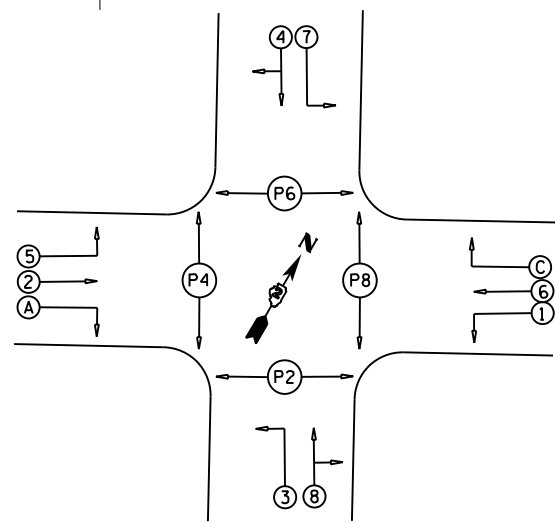


SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	3
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	238
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	60
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	538
81400100	HANDHOLE	EACH	4
81400300	DOUBLE HANDHOLE	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
86400100	TRANSCIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2350
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2440
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4101
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2315
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1066
87502510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT.	EACH	6
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	4
87703060	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 65 FT.	EACH	1
87703090	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 70 FT.	EACH	1
87703110	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 74 FT.	EACH	1
87702198	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 16 FT. AND 42 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	14
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	75
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	11
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	6
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	24
88800100	PEDESTRIAN PUSH-BUTTON	EACH	10
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X0322281	WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

PROPOSED	DESCRIPTION
	ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
	SIGNAL FACE WITH BACKPLATE
	DIRECTIONAL SIGNAL SECTION
	12" SIGNAL SECTION
	WALK/DON'T WALK SECTION + COUNT DOWN
	GROUND WIRE (POLE)
	GROUND WIRE (MAST ARM)
	PEDESTRIAN PUSHBUTTON
	CONDUIT
	VIDEO DETECTION CAMERA
	COAXIAL CABLE
	UNINTERRUPTIBLE POWER SUPPLY
	CONTROLLER



PHASE DESIGNATION DIAGRAM

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	2	3
C	6	7

NOTES:

- SEE STANDARD PLAN 857001 FOR SEQUENCING
- SEE LIGHTING SHEETS FOR LUMINAIRE WIRING AND DETAILS

LAYOUT	7/22/2011
DRAWN	TMA
REVIEWED	BWW

FILE NAME = D2CONAB-HP5-sht-ts314

USER NAME = hehm01663

DESIGNED - TMA
DRAWN - TMA
CHECKED - BWW
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL CABLE PLAN
7TH AVENUE AND 19TH STREET

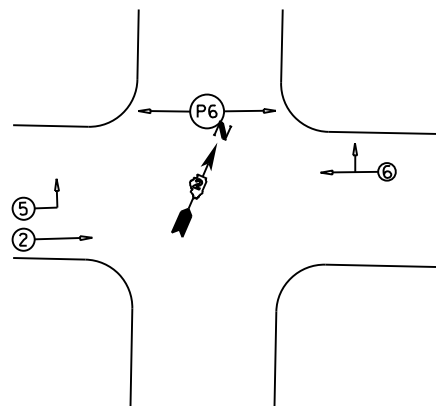
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	491
CONTRACT NO.			64C08	

TS-24

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	42
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	546
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87900200	DRILL EXISTING HANDHOLE	EACH	1
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1



PHASE DESIGNATION DIAGRAM

NOTE: SEE STANDARD PLAN 857001 FOR SEQUENCING

NOTES:

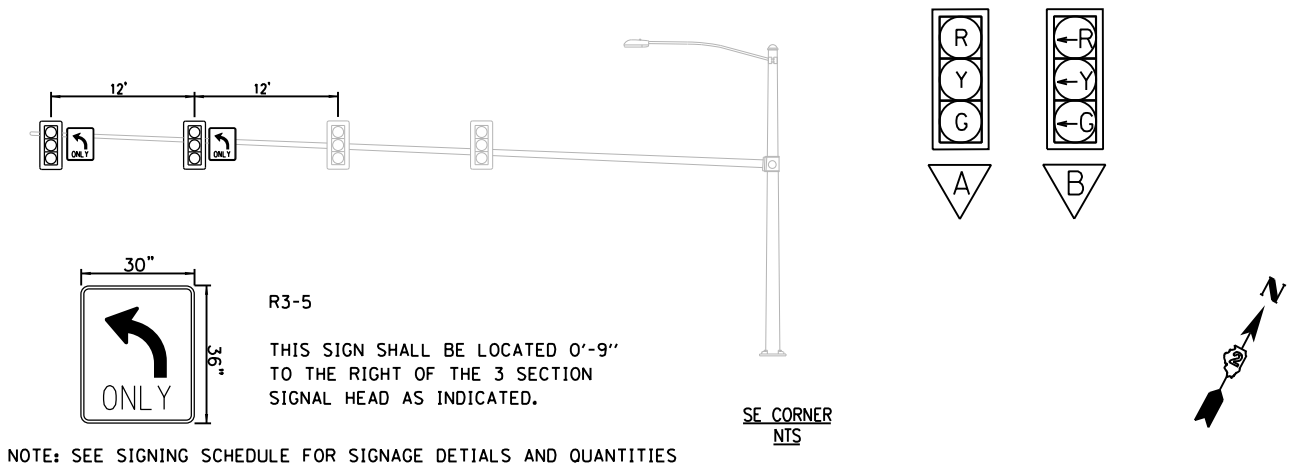
- ALL DISTURBED AREAS SHALL BE LANDSCAPED AND RESTORED TO PRIOR CONDITION.
- 5c#14 CABLE SHALL BE USED TO WIRE PROPOSED SIGNAL HEADS. ALL CABLES SHALL RUN FROM APPARATUS TO CONTROLLER. CABLE SPlicing IS NOT ALLOWED.
- EXISTING CONTROLLER TO BE MODIFIED FOR UPDATED PHASING AND SEQUENCING.

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD WITH BACKPLATE
		SIGNAL POST
		CONTROLLER
		HANDHOLE
		DOUBLE HANDHOLE
		PEDESTRIAN COUNTDOWN SIGNAL HEAD
		PUSH BUTTON
		CONDUIT
		STEEL MAST ARM ASSEMBLY AND POLE
		VIDEO DETECTION CAMERA
		SIGN ON MAST ARM
		SERVICE INSTALLATION

INTERCONNECT TO RAMP RDG
(SEE INTERCONNECT PLAN)

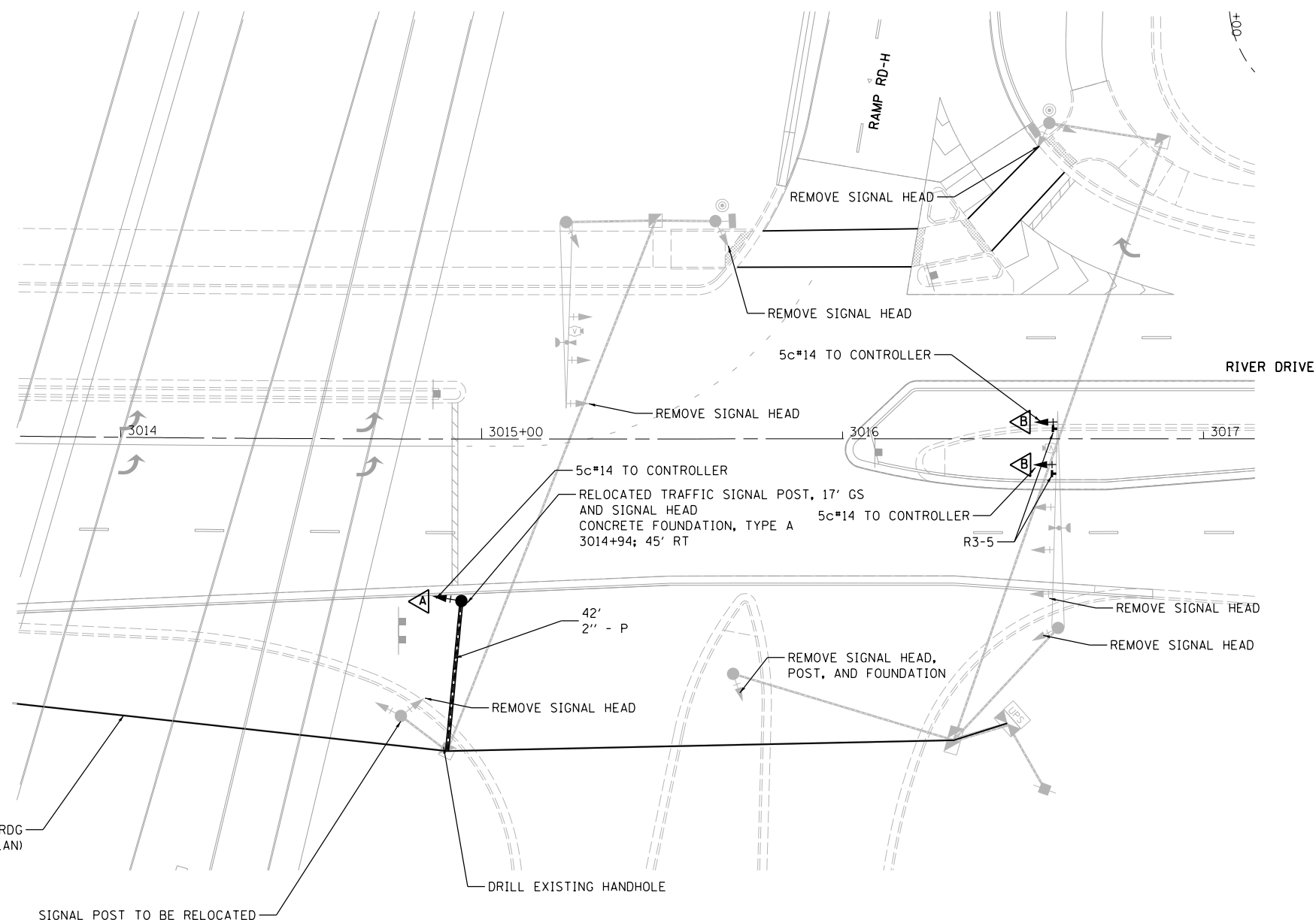
SIGNAL POST TO BE RELOCATED



R3-5
THIS SIGN SHALL BE LOCATED 0'-9" TO THE RIGHT OF THE 3 SECTION SIGNAL HEAD AS INDICATED.

NOTE: SEE SIGNING SCHEDULE FOR SIGNAGE DETAILS AND QUANTITIES

SE CORNER
NTS



LAYOUT	TMA	7/22/2011
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME = D2CONAB-HP5-sht-tsl01L.dgn

USER NAME = hehm01663
PLOT SCALE = 1" = 20'
PLOT DATE = 1/19/2017

DESIGNED - TMA
DRAWN - TMA
CHECKED - BWW
DATE - 1/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
RIVER DRIVE AND RAMP RD-H

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504	492
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

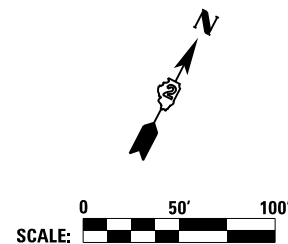
TS-25



© Copyright Hanson Professional Services, Inc.

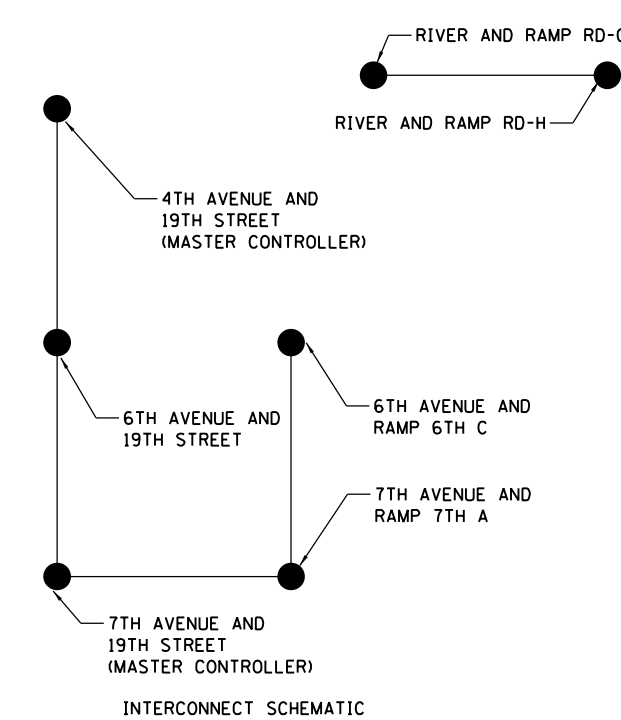
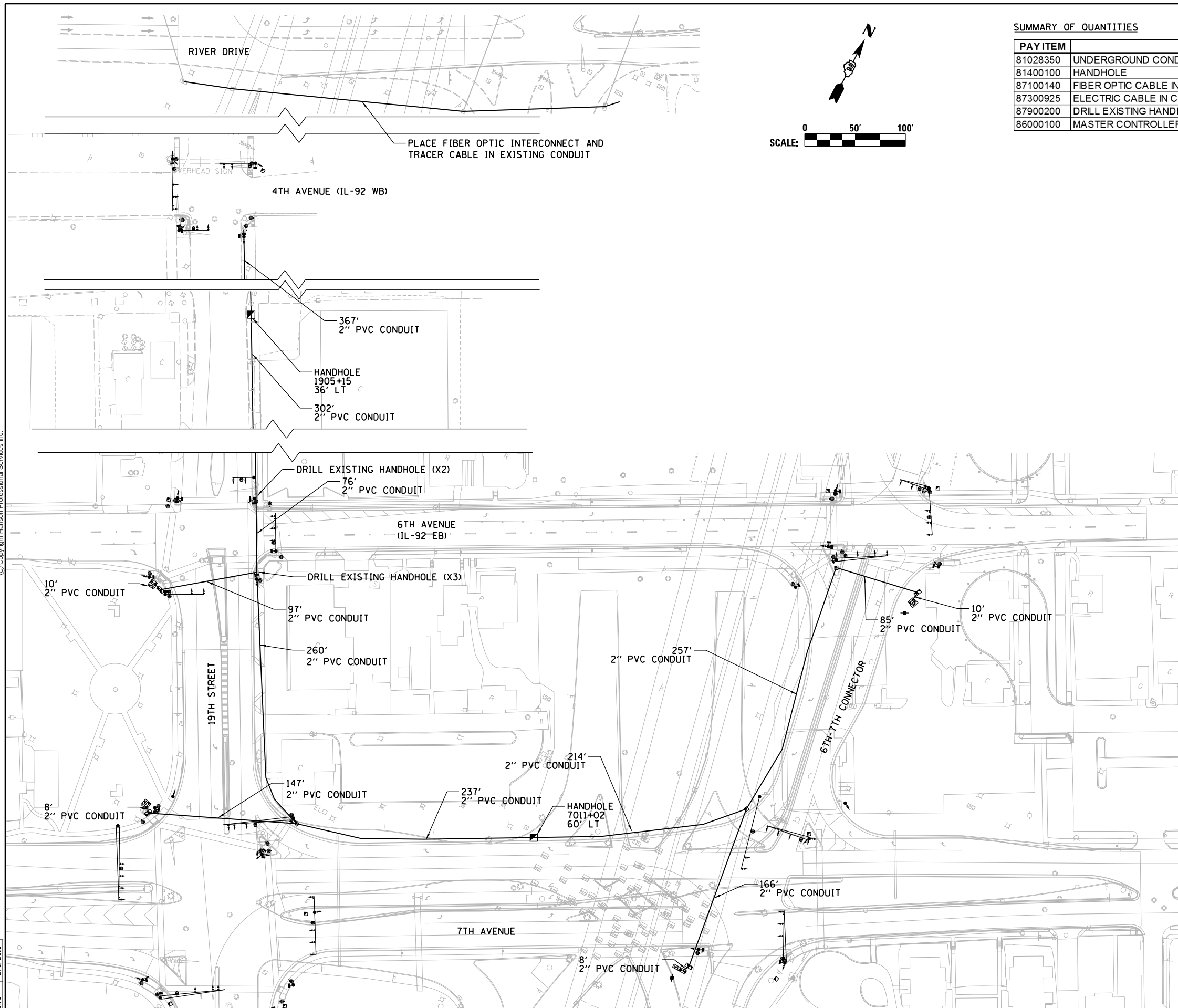


© Copyright Hanson Professional Services, Inc.



SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	2244
81400100	HANDHOLE	EACH	2
87100140	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 12F	FOOT	3334
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO.14 1/C	FOOT	3334
87900200	DRILL EXISTING HANDHOLE	EACH	5
86000100	MASTER CONTROLLER	EACH	2



LAYOUT	TMA	7/22/2011
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME = D2CONAB-HP5-sht-ts319

USER NAME = hehm01663
 DESIGNED - TMA
 DRAWN - TMA
 CHECKED - BWW
 DATE - 1/20/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
 TRAFFIC SIGNAL INTERCONNECT PLAN

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

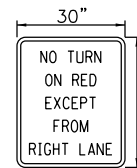
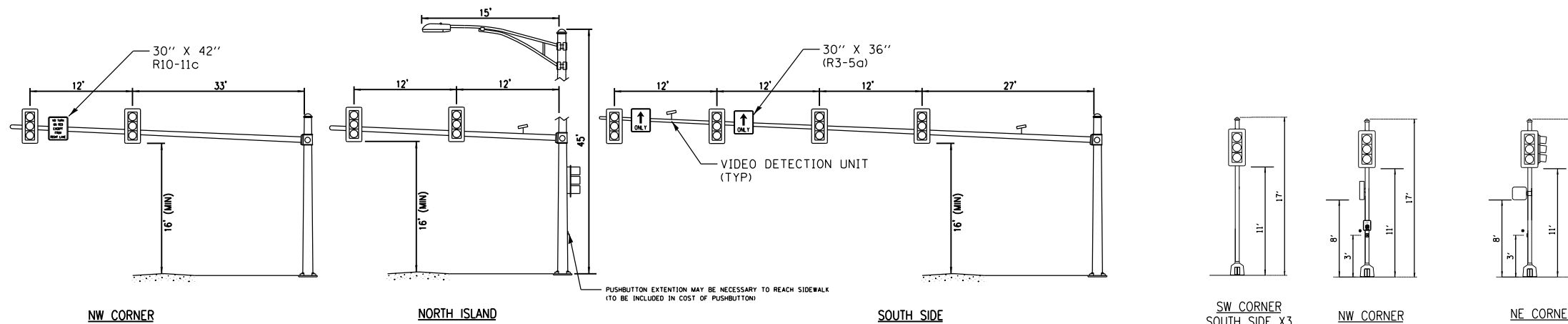
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1HVR)	ROCK ISLAND	1504	493
CONTRACT NO. 64C08				

TS-26

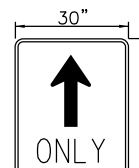
ILLINOIS FED. AID PROJECT



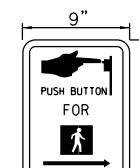
© Copyright Hanson Professional Services, Inc.



R10-11c
THIS SIGN SHALL BE LOCATED 0'-9" TO THE RIGHT OF THE 3 SECTION SIGNAL HEAD AS INDICATED.

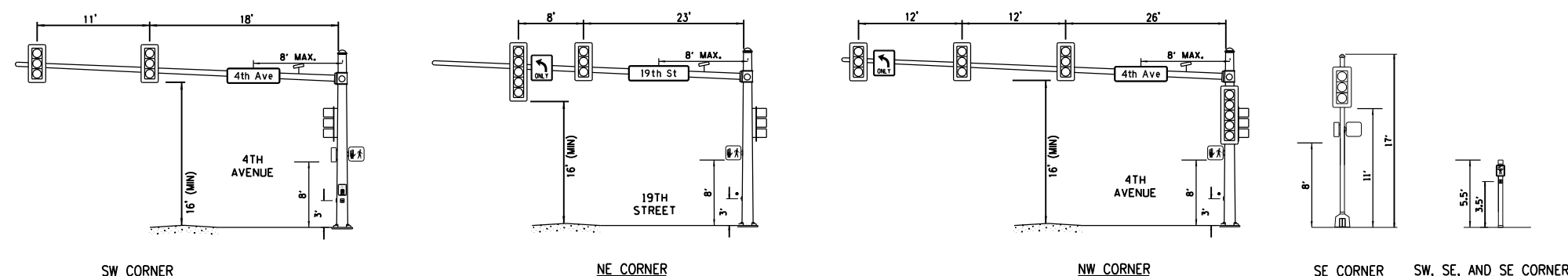


R3-5a
THIS SIGN SHALL BE LOCATED 0'-9" TO THE RIGHT OF THE 3 SECTION SIGNAL HEAD AS INDICATED.

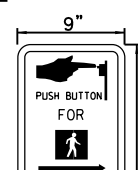


R10-3
THIS SIGN SHALL BE LOCATED ABOVE ALL PEDESTRIAN PUSH BUTTONS. (WITH APPROPRIATE ARROW DIRECTION)

RIVER DRIVE AND RAMP RD-G



R3-5
THIS SIGN SHALL BE LOCATED 0'-9" TO THE RIGHT OF THE 3 SECTION SIGNAL HEAD AS INDICATED.



R10-3
THIS SIGN SHALL BE LOCATED ABOVE ALL PEDESTRIAN PUSH BUTTONS.

4TH AVENUE AND 19TH STREET

NOTE: SEE SIGNING SCHEDULE FOR SIGNAGE DETAILS AND QUANTITIES

TRAFFIC SIGNAL GENERAL NOTES

- ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
- ALL PEDESTRIAN SECTIONS SHALL HAVE 16" LENSES WITH A MAN/HAND OVERLAY AND COUNTDOWN TIMER.
- THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16' MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
- THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
- ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
- ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
- PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
- THE HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
- COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT 2" FOR THE INTERCONNECT.
- THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. HOWEVER, THIS WORK WILL BE MEASURED FOR PAYMENT AND PAID FOR AS CONDUIT IN TRENCH OF THE TYPE AND SIZE SPECIFIED AND TRENCH AND BACKFILL FOR ELECTRICAL WORK.
- THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
- ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, SERVICE RISERS, EXPOSED METALLIC CONDUITS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
- A 1/4" DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER.
- STREET SIGNS WILL MEET MUTCD, CITY OF MOLINE, AND IDOT STANDARDS. DETAILS ARE NOT PROVIDED. INFORMATION PROVIDED IS FOR VISUAL REPRESENTATION ONLY.

NOTES FOR NON-STANDARD, "REVISED DESIGN", CONCRETE FOUNDATION, TYPE E

- THESE FOUNDATIONS HAVE BEEN DESIGNED FOR THE SITE-SPECIFIC SOIL CONDITIONS.
- MINIMUM SOIL STRENGTH REQUIREMENTS SHOWN IN STD 878001 DO NOT APPLY TO THESE FOUNDATIONS.
- WHERE THE PLANS INDICATE A ROCK SOCKET, THIS IS THE MINIMUM LENGTH OF FOUNDATION EMBEDDED IN BEDROCK. THE FOUNDATION SHALL BE LENGTHENED IF NECESSARY TO SATISFY THIS REQUIREMENT.
- WHERE THE PLANS INDICATE BEARING ON ROCK, THE FOUNDATION SHALL HAVE FULL BOTTOM CONTACT ON BEDROCK. THE FOUNDATION SHALL BE LENGTHENED IF NECESSARY TO SATISFY THIS REQUIREMENT.
- REINFORCEMENT SHALL BE AS SHOWN IN STD 878001 FOR THE DIAMETER INDICATED.

LAYOUT	TMA	10/9/2014
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME = D2CONAB-HP5-shr-ts008L.dgn

USER NAME = hehm01663	DESIGNED - TMA	REVISED -
PLOT SCALE = NTS	DRAWN - TMA	REVISED -
PLOT DATE = 1/19/2017	CHECKED - BWW	REVISED -
	DATE - 1/20/2017	REVISED -

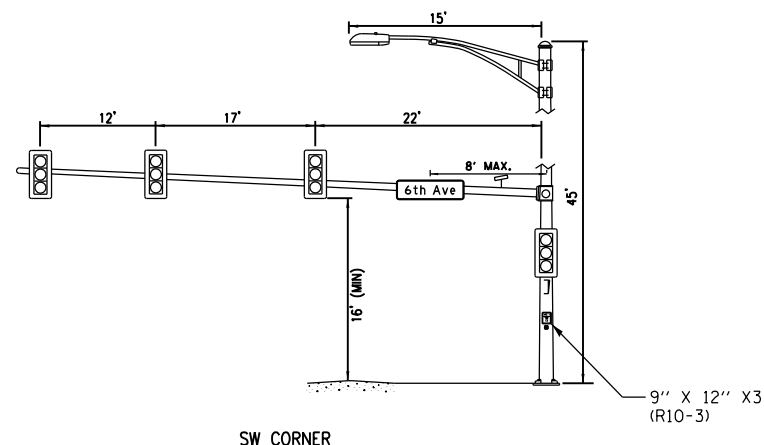
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL NOTES AND LOADING DIAGRAMS

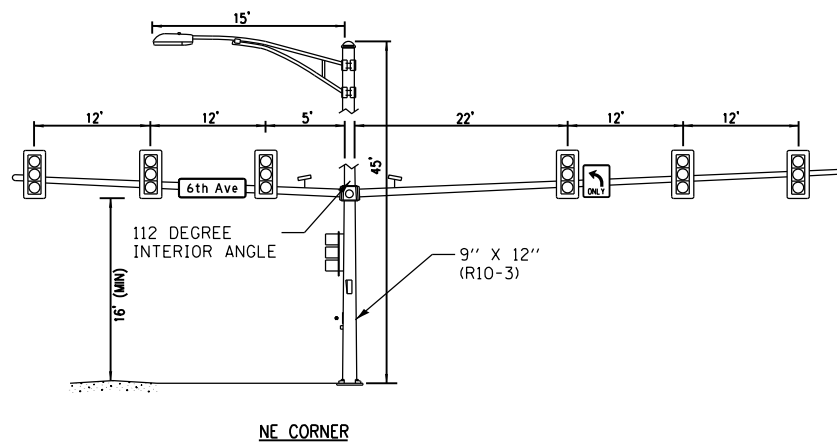
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	494
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

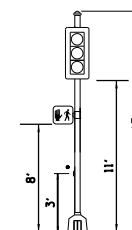
TS-27



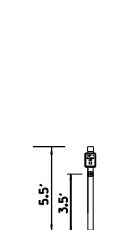
SW CORNER



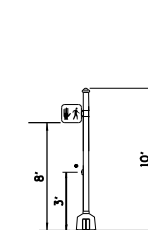
NE CORNER



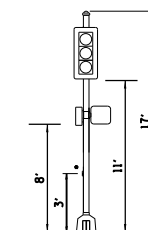
SE CORNER



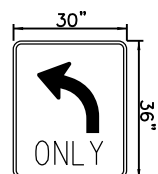
SW CORNER
NW CORNER



SW CORNER

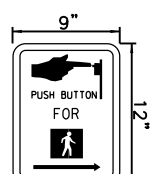


SW ISLAND
NW CORNER



R3-5

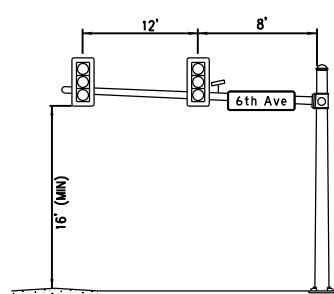
THIS SIGN SHALL BE LOCATED 0'-9" TO THE RIGHT OF THE 3 SECTION SIGNAL HEAD AS INDICATED.



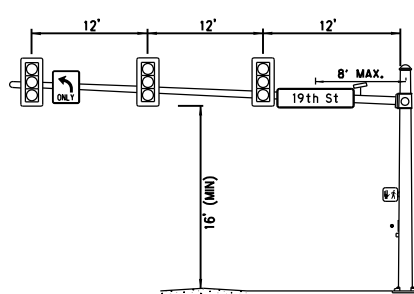
• R10-3

THIS SIGN SHALL BE LOCATED ABOVE ALL PEDESTRIAN PUSH BUTTONS.

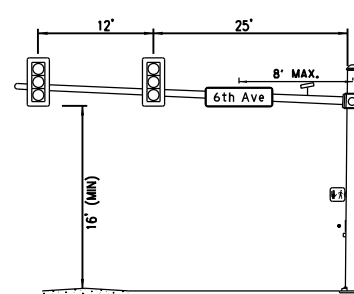
6TH - 7TH CONNECTOR AND 6TH AVENUE



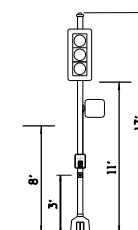
NE CORNER



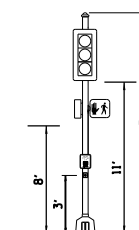
SE CORNER



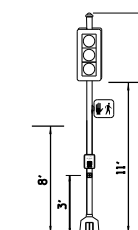
SW CORNER



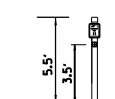
SW CORNER



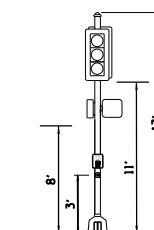
NE CORNER



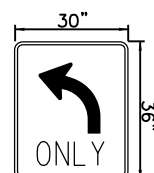
SE CORNER



NE CORNER
NW CORNER

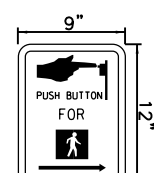


NW CORNER



R3-5

THIS SIGN SHALL BE LOCATED 0'-9" TO THE RIGHT OF THE 3 SECTION SIGNAL HEAD AS INDICATED.



• R10-3

THIS SIGN SHALL BE LOCATED ABOVE ALL PEDESTRIAN PUSH BUTTONS.

19TH STREET AND 6TH AVENUE

NOTE: SEE SIGNING SCHEDULE FOR SIGNAGE DETAILS AND QUANTITIES

LAYOUT	TMA	7/22/2011
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME =	D2CONAB-HP5-sht-ts322
-------------	-----------------------

USER NAME =	hehm01663
DESIGNED -	TMA
DRAWN -	TMA
CHECKED -	BWW
DATE -	1/20/2017

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

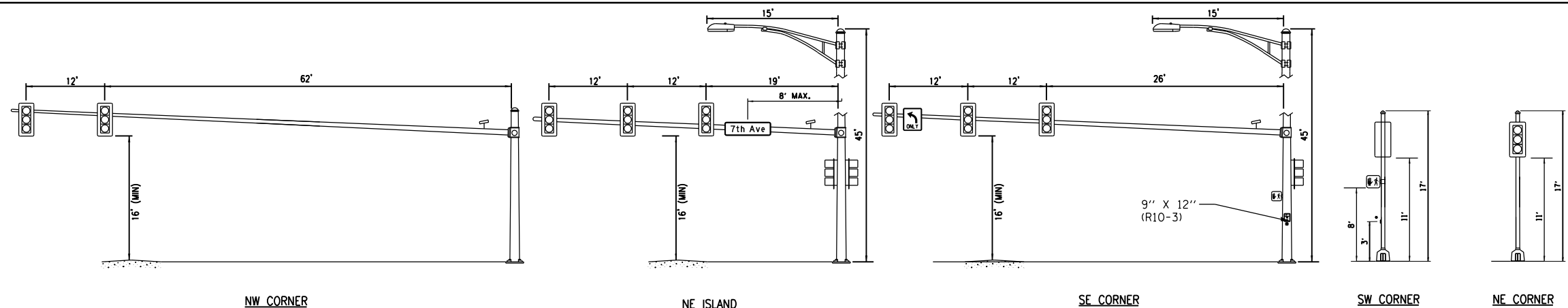
TRAFFIC SIGNAL PLANS
LOADING DIAGRAMS

SCALE: NTS 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	495
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				



© Copyright Hanson Professional Services, Inc.



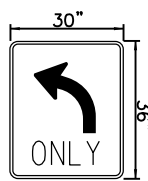
NW CORNER

NE ISLAND

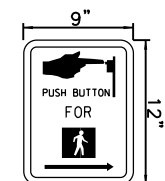
SE CORNER

SW CORNER

NE CORNER

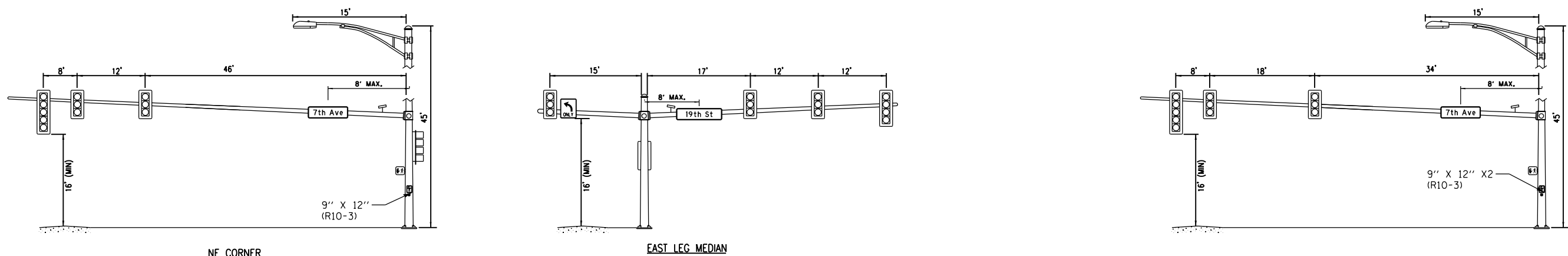


R3-5
THIS SIGN SHALL BE LOCATED 0'-9" TO THE RIGHT OF THE 3 SECTION SIGNAL HEAD AS INDICATED.



R10-3
THIS SIGN SHALL BE LOCATED ABOVE ALL PEDESTRIAN PUSH BUTTONS.

6TH - 7TH CONNECTOR AND 7TH AVENUE



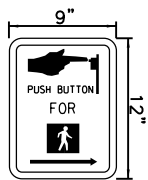
NE CORNER

EAST LEG MEDIAN

SW CORNER

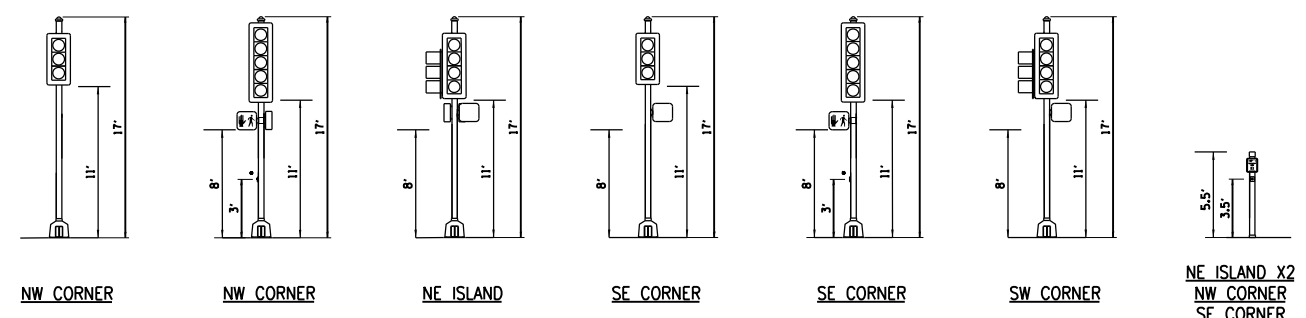


R3-5
THIS SIGN SHALL BE LOCATED 0'-9" TO THE RIGHT OF THE 3 SECTION SIGNAL HEAD AS INDICATED.



R10-3
THIS SIGN SHALL BE LOCATED ABOVE ALL PEDESTRIAN PUSH BUTTONS.

19TH STREET AND 7TH AVENUE



NW CORNER

NW CORNER

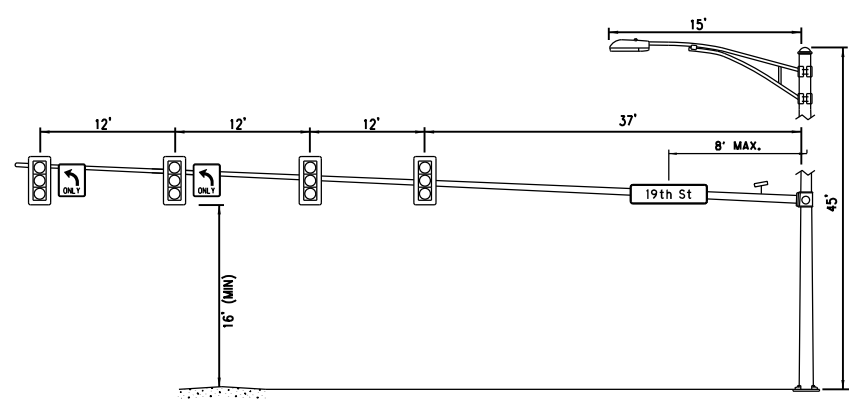
NE ISLAND

SE CORNER

SE CORNER

SW CORNER

NE ISLAND X2
NW CORNER
SE CORNER



NW CORNER

NOTE: SEE SIGNING SCHEDULE FOR SIGNAGE DETAILS AND QUANTITIES

LAYOUT	TMA	7/22/2011
DRAWN	TMA	2/2/2016
REVIEWED	BWW	2/3/2016

FILE NAME =	D2CONAB-HP5-sht-ts323
USER NAME =	hehm01663
DESIGNED -	TMA
DRAWN -	TMA
PLOT SCALE =	NTS
CHECKED -	BWW
DATE -	1/20/2017
REVISIED -	

DESIGNED -	TMA	REVISIED -	
DRAWN -	TMA	REVISIED -	
CHECKED -	BWW	REVISIED -	
DATE -	1/20/2017	REVISIED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLANS
LOADING DIAGRAMS

SCALE: NTS 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	496
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				

TS-29

ROADWAY LIGHTING GENERAL NOTES

- ELECTRICAL EQUIPMENT, RACEWAY, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT, RACEWAYS, ETC. WHERE DIRECTED BY THE ENGINEER IN ORDER TO BEST SUIT JOB CONDITIONS.
- ALL REPLACEMENT AND TEMPORARY WIRING SHALL BE EQUAL TO OR GREATER THAN THE EXISTING WIRE GAUGE.
- NO SPLICING OF EXISTING-TO-NEW WIRING IS ALLOWED INSIDE ELECTRICAL DUCTS. ALL WIRING INTERCONNECTIONS SHALL BE INSTALLED IN ACCESSIBLE AREAS AND SHALL BE MADE WITH ILLINOIS DOT APPROVED CONNECTORS.
- ALL LIQUID-TIGHT FLEXIBLE CONDUIT SHALL BE INCIDENTAL TO THE CONDUIT ATTACHED TO STRUCTURE OF THE SIZE SPECIFIED.
- NO POLES TO BE INSTALLED IN THE FLOWLINE OF THE DITCH. POLE SETBACK SHALL BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- ELECTRIC SERVICE INSTALLATION SHALL INCLUDE ALL CONDUIT AND CABLE REQUIRED BETWEEN THE UTILITY SERVICE AND THE LIGHTING CONTROLLER.
- ALL CONDUIT UNDER ROADWAYS SHALL BE PVC SCHEDULE 80.
- THE GROUND CONDUCTOR SHALL HAVE NO SPLICE OR KINCKS BELOW GRADE. IT SHALL BE SOLIDLY CONNECTED TO THE GROUNDING LUG OF EACH POLE, JUNCTION BOX, AND TO THE GROUND ROD AT THE SERVICE INSTALLATION.

IN AREAS WHERE MULTIPLE CIRCUIT CONDUCTORS SHARE A COMMON CONDUIT, A COMMON EQUIPMENT GROUND SHALL BE UTILIZED.
- THE CONTRACTOR SHALL PROVIDE A 1/4" POLY PULL-LINE THROUGH EACH PVC CONDUIT IN WHICH NO CONDUCTORS ARE PLACED IN THIS CONTRACT. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR THE CONDUIT SPECIFIED.
- JUNCTION BOXES OF "SLIGHTLY" LARGER SIZE THAN THOSE SPECIFIED ON THE PLANS MAY BE USED WHEN APPROVED BY ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.
- EXISTING AND/OR TEMPORARY LIGHTING UNITS SHALL NOT BE REMOVED UNTIL NEW LIGHTING SYSTEM IS COMPLETELY INSTALLED AND FULLY OPERATIONAL TO THE SATISFACTION OF THE ENGINEER.
- CONTRACTOR SHALL PROVIDE STAINLESS STEEL SCREEN UNDERNEATH THE ALUMINUM SKIRT OF THE BREAKAWAY COUPLINGS. THE COST OF THE SCREEN SHALL BE INCLUDED IN THE COST OF THE COUPLINGS. SKIRT SHALL BE PAINTED BLACK TO MATCH LIGHT POLES.
- REMOVAL AND DISPOSAL OF ALL LIGHT POLES AND UNDERPASS LUMINAIRES ATTACHED TO BRIDGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED "REMOVAL OF EXISTING STRUCTURES" PAY ITEM. PLEASE SEE STRUCTURAL REMOVAL PLANS DEMOLITION PLAN FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING STATE OWNED LIGHTING AND/OR TRAFFIC SIGNAL UTILITIES WITHIN THE LIMITS OF THE CONTRACT.
- EXPANSION/DEFLECTION COUPLINGS SHALL BE INSTALLED IN ALL LOCATIONS BETWEEN STRUCTURES, AT EXPANSION JOINTS, AND WHERE NECESSARY TO CONTROL MOVEMENT THAT WOULD DAMAGE THE CONDUIT. THE COST OF EXPANSION/DEFLECTION COUPLINGS SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED CONDUIT AS CALLED OUT ON THE PLANS.

ESTIMATED PROJECT QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	86
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	4,997
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	1,404
81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	2,292
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	3,845
81200210	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA. PVC	FOOT	2,646
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA. PVC	FOOT	8,191
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6"x6"x4"	EACH	90
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x10"x6"	EACH	50
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x12"x6"	EACH	6
81301290	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12"x12"x6"	EACH	4
81400100	HANDHOLE	EACH	10
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	6,497
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	74,255
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	22,605
82500335	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 100AMP	EACH	1
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	10
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	126
83800505	BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT	EACH	60
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	38
84200804	REMOVAL OF POLE FOUNDATION	EACH	36
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	6
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	4
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	4
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	3
87900200	DRILL EXISTING HANDHOLE	EACH	1
X0326357	ROADWAY LIGHTING MODIFICATIONS	L SUM	1
X0327006	ROADWAY LIGHT POLE, INSTALL ONLY	EACH	41
X1400128	REMOVE AND REPLACE EXISTING CIRCUIT BREAKER WITH 40 AMP, 2-POLE	EACH	2
X8110454	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., STAINLESS STEEL	FOOT	10
X8110458	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	80
X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	1
X8360310	LIGHT POLE FOUNDATION, 30" DIAMETER, SPECIAL	FOOT	9
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1
*2000324	ROADWAY LUMINAIRE, SPECIAL (INSTALL ONLY)	EACH	59
*2000325	AESTHETIC LUMINAIRE, (INSTALL ONLY)	EACH	71
*2000326	UNDERPASS LUMINAIRE, (INSTALL ONLY)	EACH	25

LIGHTING LEGEND

- PROPOSED ELECTRIC SERVICE INSTALLATION
 - PROPOSED LIGHTING CONTROLLER, 240V, 100A (UNLESS OTHERWISE NOTED)
 - PROPOSED HANDHOLE
 - PROPOSED LED STREET LIGHT, 50 FT MOUNTING HEIGHT, 14 FT MAST ARM (UNLESS OTHERWISE NOTED)
 - PROPOSED LED STREET LIGHT, 48.5 FT MOUNTING HEIGHT, TWIN 14 FT MAST ARMS (UNLESS OTHERWISE NOTED)
 - PROPOSED BRIDGE MOUNTED LED STREET LIGHT, 48.5 FT MOUNTING HEIGHT, 14 FT MAST ARM (UNLESS OTHERWISE STATED)
 - PROPOSED BRIDGE MOUNTED LED STREET LIGHT, 48.5 FT MOUNTING HEIGHT, TWIN 14 FT MAST ARMS, (UNLESS OTHERWISE NOTED)
 - PROPOSED TRAFFIC SIGNAL / STREET LIGHT COMBINATION
 - PROPOSED UNDERPASS LUMINAIRE, LED, VERY LOW WATTAGE
 - PROPOSED UNDERGROUND CONDUIT, TYPE AND SIZE AS NOTED
 - PROPOSED CONDUIT ATTACHED TO STRUCTURE, SIZE AS NOTED
 - PROPOSED CONDUIT EMBEDDED IN STRUCTURE, SIZE AS NOTED
 - EXISTING LIGHTING CONTROLLER TO REMAIN
 - EXISTING LIGHTING UNIT TO REMAIN
 - EXISTING LIGHT TO BE MODIFIED
 - EXISTING LIGHT TO BE REMOVED
 - EXISTING LIGHT TO BE RELOCATED
 - EXISTING LIGHTING CONTROLLER TO BE REMOVED
 - EXISTING ELECTRIC SERVICE INSTALLATION TO BE REMOVED
 - TEMPORARY LIGHTING UNIT, AS NOTED ON PLANS
 - TEMPORARY AERIAL CABLE, AS NOTED ON PLANS
- 3"-72'-T** CONDUIT CALLOUT
 INSTALLATION METHOD (UNDERGROUND UNLESS OTHERWISE SPECIFIED, EMBEDDED IN STRUCTURE OR ATTACHED TO STRUCTURE)
 CONDUIT LENGTH
 CONDUIT DIAMETER
- 1-A-01** LIGHT POLE DESIGNATION
 POLE NUMBER
 CIRCUIT
 CONTROL CABINET

benesch Alfred Benesch & Company
 engineers - scientists - planners 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-565-0450 Job No. 10064

FILE NAME =	USER NAME =	DESIGNED - GHT	REVISED -
D2CONAB-AB-sh-t-light400.dgn		DRAWN - JLW	REVISED -
		CHECKED - GRR	REVISED -
		DATE - 2/5/2016	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LIGHTING QUANTITIES & GENERAL NOTES

SCALE: NO SCALE SHEET NO. 1 OF 29 SHEETS STA. TO STA.

F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	497
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

LAYOUT
 DRAWN
 REVIEWED

LIGHTING REMOVAL DATA				
LOCATION			OWNER	REMARKS
STATION	OFFSET	ALIGNMENT		
162+98	20' RT	EX I-74	IDOT	
166+24	12' RT	EX I-74	IDOT	
169+93	10' RT	EX I-74	IDOT	
172+12	48' LT	EX I-74	IDOT	
173+76	22' RT	EX I-74	IDOT	
368+31	18' LT	EX I-74	IDOT	
370+27	26' LT	EX I-74	IDOT	
403+35	25' RT	EX 4TH AVENUE	CITY OF MOLINE	RELOCATE LIGHT POLE
407+46	15' RT	EX 4TH AVENUE	CITY OF MOLINE	REMOVE/MODIFY LIGHT POLE
408+58	16' RT	EX 4TH AVENUE	CITY OF MOLINE	REMOVE/RELOCATE LIGHT POLE
5001+15	18' LT	EX 5TH AVENUE	CITY OF MOLINE	
5003+35	23' LT	EX 5TH AVENUE	CITY OF MOLINE	
5003+89	24' RT	EX 5TH AVENUE	CITY OF MOLINE	
5005+09	23' LT	EX 5TH AVENUE	CITY OF MOLINE	
5006+07	23' RT	EX 5TH AVENUE	CITY OF MOLINE	
106+45	35' RT	EX 7TH AVENUE	IDOT	
109+04	55' RT	EX 7TH AVENUE	IDOT	
109+47	76' RT	EX 7TH AVENUE	IDOT	
112+25	62' RT	EX 7TH AVENUE	IDOT	
115+70	34' RT	EX 7TH AVENUE	IDOT	
118+68	169' RT	EX 7TH AVENUE	IDOT	
206+09	29' LT	EX 7TH AVENUE	IDOT	
208+73	50' LT	EX 7TH AVENUE	IDOT	
209+96	107' LT	EX 7TH AVENUE	IDOT	
210+67	49' LT	EX 7TH AVENUE	IDOT	
212+43	41' LT	EX 7TH AVENUE	IDOT	
212+84	102' LT	EX 7TH AVENUE	IDOT	
214+90	149' LT	EX 7TH AVENUE	IDOT	
215+14	46' LT	EX 7TH AVENUE	IDOT	
217+37	38' LT	EX 7TH AVENUE	IDOT	
3012+20	45' LT	EX RIVER ROAD	IDOT	RELOCATE LIGHT POLE
3013+40	45' LT	EX RIVER ROAD	IDOT	RELOCATE LIGHT POLE
3013+40	59' RT	EX RIVER ROAD	IDOT	RELOCATE LIGHT POLE
3014+40	45' LT	EX RIVER ROAD	IDOT	
3014+40	62' RT	EX RIVER ROAD	IDOT	RELOCATE LIGHT POLE
3016+55	50' RT	EX RIVER ROAD	IDOT	REMOVE ONE COMBO LIGHT/ARM
365+80	165' LT	EX I-74	CITY OF MOLINE	FLAG POLE FLOOD LIGHT
366+70	95' LT	EX I-74	CITY OF MOLINE	FLAG POLE FLOOD LIGHT
-	-	JOHN DEERE PARKING LOT	JOHN DEERE	REMOVE SEVEN (7) LIGHT POLES

LIGHTING INSTALLATION DATA									
LOCATION					TYPE				REMARKS
NO.	STATION	OFFSET	ALIGNMENT	POLE	M.A.	POLE DETAIL*	LUMINAIRE(S) **		
1-G-03/1-G-04	30+60.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-H-03/1-H-04	33+44.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-G-05/1-G-06	36+22.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-H-05/1-H-06	38+97.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-G-07/1-G-08	41+66.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-E-08	129+15.0	BARRIER WALL	RAMP RD-G	29'	4'	TYPE IV	TYPE A	SEE NOTE 1	
1-F-08	132+15.0	RETAINING WALL	RAMP RD-G	29'	4'	TYPE IV	TYPE A	SEE NOTE 1	
1-E-09	135+15.0	50.94' RT	RAMP RD-G	29'	4'	TYPE IV	TYPE A		
1-C-19	215+30.0	RETAINING WALL	RAMP RD-H	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-D-17	211+54.0	38.0' RT	RAMP RD-H	50'	14'	TYPE III	TYPE A		
1-C-01	439+55.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-D-01	436+45.0	BARRIER WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-C-02	433+30.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-D-02	430+05.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-C-03	426+81.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-D-03	423+65.0	RETAINING WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-G-01/1-G-02	25+32.00	I-74 CL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-H-01/1-H-02	28+10.00	I-74 CL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-E-01	24+25.00	BARRIER WALL	I-74 ML	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-F-01/1-F-09	320+65.00	RETAINING WALL	RAMP 6TH-C	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-E-02/1-E-10	323+97.50	PARAPET WALL	RAMP 6TH-C	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-F-02	327+25.00	PARAPET WALL	RAMP 6TH-C	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-E-03	331+08.00	PARAPET WALL	RAMP 6TH-C	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-F-03	334+22.00	16.00' RT	RAMP 6TH-C	50'	14'	TYPE III	TYPE A		
13-B-01	403+09.30	27.71' RT	4TH AVE	-	-	-	-	RELOCATED POLE	
1-H-07/1-H-08	44+48.0	BARRIER WALL	I-74	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-G-09/1-G-10	47+16.0	BARRIER WALL	I-74	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-C-04	6007+04.5	40.2' LT	6TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-D-04	6007+12.2	48.0' RT	6TH AVE	50'	14'	TYPE III	TYPE A		
1-C-05	6006+11.7	30.4' RT	6TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-D-16	7007+32.0	95.0' RT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-D-13	7008+64.0	82.0' LT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-C-13	7010+50.0	70.6' RT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-D-14	7006+86.0	74.0' LT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-D-12	7010+50.0	76.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-D-15	7008+91.9	66.6' RT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-D-08	7013+47.2	76.5' RT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-C-07	7014+39.6	65.4' LT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-06	644+49.0	30.6' LT	7TH-RAMP A	50'	14'	TYPE III	TYPE A		
1-C-09	642+15.0	25.2' RT	7TH-RAMP A	50'	14'	TYPE III	TYPE A		
1-D-05	645+83.0	41.6' LT	7TH-RAMP A	50'	14'	TYPE III	TYPE A		
1-D-06	7013+75.0	54.3' LT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-D-07	7016+50.0	39.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-08	7014+29.0	56.5' RT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-14	7008+91.9	76.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-15	7006+31.0	88.0' LT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-16	7008+55.0	98.0' RT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-17	7006+93.0	71.0' RT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-18	7005+00.0	48.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A		

• SEE LIGHTING DETAIL SHEETS FOR POLE DETAILS

** TYPE A SHALL BE A LED, MEDIUM WATTAGE, 240 VOLT LUMINAIRE

NOTE 1: LIGHT POLE MOUNTED TO BARRIER WALL, BRIDGE PARAPET, OR RETAINING WALL

LAYOUT
DRAWN
REVIEWED



Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

FILE NAME =
D2CONAB-AB-sh-t-light400.dgn

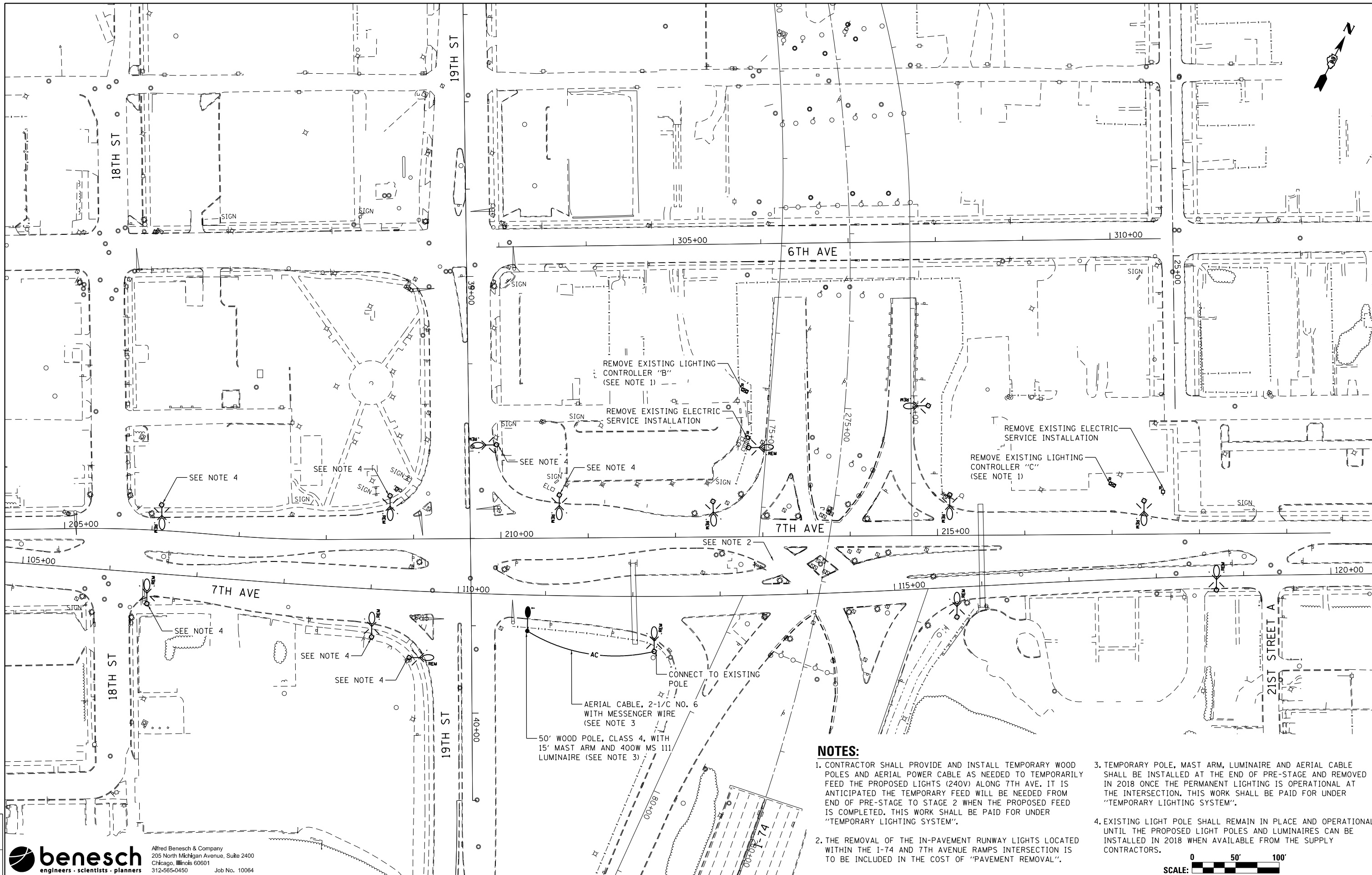
USER NAME =	DESIGNED - GHT	REVISED -
	DRAWN - JLW	REVISED -
PLOT SCALE = NO SCALE	CHECKED - GRR	REVISED -
PLOT DATE = 1/30/2017	DATE - 2/5/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING QUANTITIES

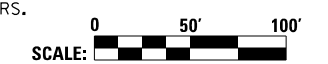
SCALE: NO SCALE SHEET NO. 2 OF 29 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	498
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	



NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY WOOD POLES AND AERIAL POWER CABLE AS NEEDED TO TEMPORARILY FEED THE PROPOSED LIGHTS (240V) ALONG 7TH AVE. IT IS ANTICIPATED THE TEMPORARY FEED WILL BE NEEDED FROM END OF PRE-STAGE 2 TO STAGE 2 WHEN THE PROPOSED FEED IS COMPLETED. THIS WORK SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM".
2. THE REMOVAL OF THE IN-PAVEMENT RUNWAY LIGHTS LOCATED WITHIN THE I-74 AND 7TH AVENUE RAMP INTERSECTION IS TO BE INCLUDED IN THE COST OF "PAVEMENT REMOVAL".
3. TEMPORARY POLE, MAST ARM, LUMINAIRE AND AERIAL CABLE SHALL BE INSTALLED AT THE END OF PRE-STAGE AND REMOVED IN 2018 ONCE THE PERMANENT LIGHTING IS OPERATIONAL AT THE INTERSECTION. THIS WORK SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM".
4. EXISTING LIGHT POLE SHALL REMAIN IN PLACE AND OPERATIONAL UNTIL THE PROPOSED LIGHT POLES AND LUMINAIRES CAN BE INSTALLED IN 2018 WHEN AVAILABLE FROM THE SUPPLY CONTRACTORS.



benesch
engineers · scientists · planners

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

LAYOUT	
DRAWN	
REVIEWED	

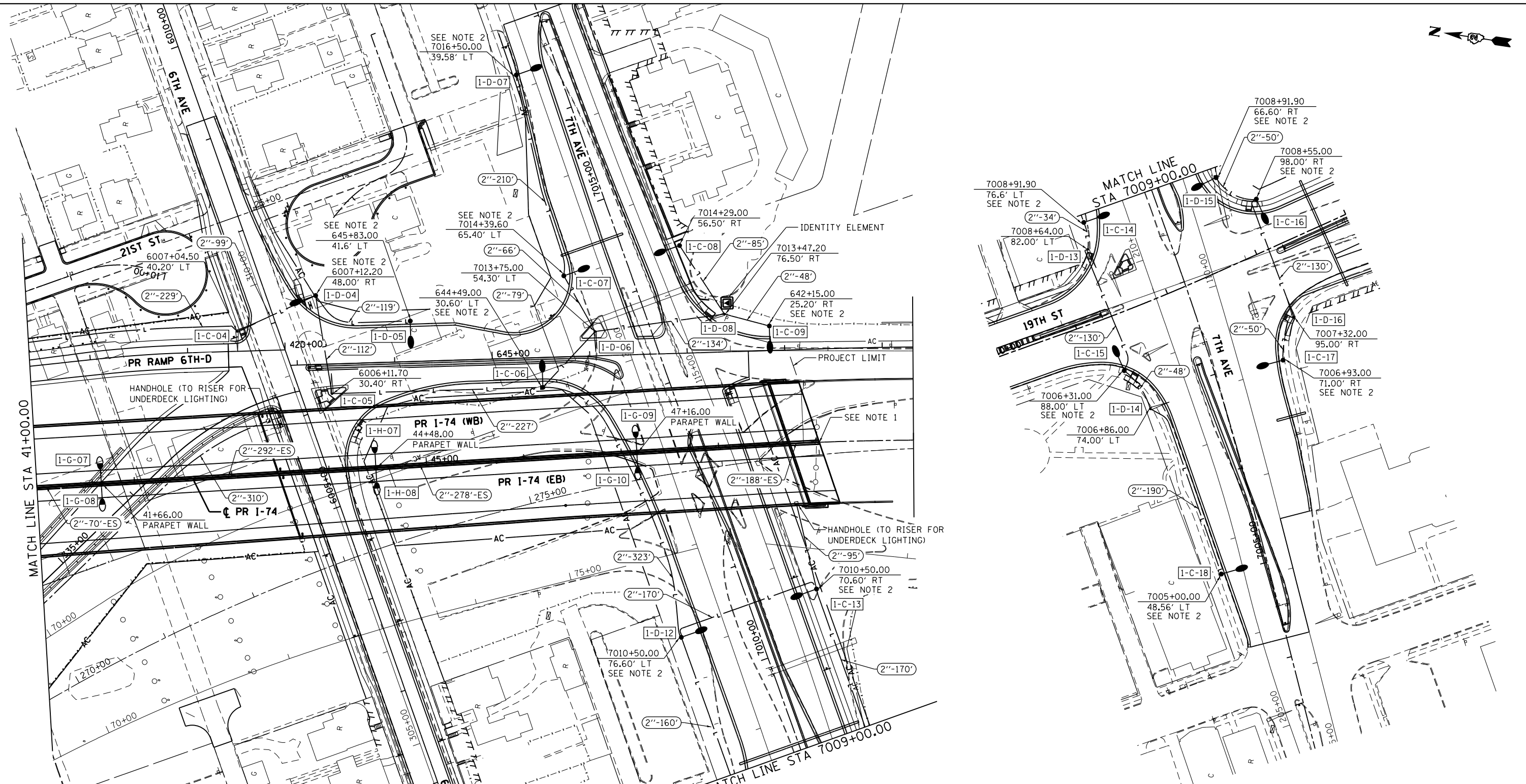
FILE NAME =	D2CONAB-AB-sh-t-light400.dgn
USER NAME =	
DESIGNED -	GHT
DRAWN -	JLW
REVISIONS	
PLOT SCALE =	AS NOTED
CHECKED -	GRR
REVISIONS	
PLOT DATE =	1/30/2017
DATE -	2/5/2016
REVISIONS	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
7TH AVE**

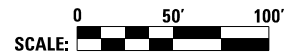
SCALE: AS NOTED SHEET NO. 4 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	500
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				



NOTES:

1. CAP AND SEAL CONDUIT FOR CONTINUATION BY OTHERS UNDER THE ADJACENT CONTRACT.
2. PROVIDE AND INSTALL BREAKAWAY COUPLINGS WITH ALUMINUM SKIRT.
3. UNDERGROUND LIGHTING INFRASTRUCTURE AT 7TH AVE. AND 19TH ST. SHALL BE INSTALLED DURING PRE-STAGE WORK. POLES AND LUMINAIRES AT THIS LOCATION SHALL BE INSTALLED IN 2018 WHEN AVAILABLE FROM THE SUPPLY CONTRACTORS.



benesch
engineers · scientists · planners

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

LAYOUT	
DRAWN	
REVIEWED	

FILE NAME = D2CONAB-AB-sh-1gh1400.dgn	USER NAME =	DESIGNED - GHT	REVISED -
PLOT SCALE = AS NOTED	CHECKED - GRR	DRAWN - JLW	REVISED -
PLOT DATE = 1/30/2017	DATE - 2/5/2016		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
MAINLINE & RAMPS**

SCALE: AS NOTED SHEET NO. 7 OF 29 SHEETS STA. 41+00 TO STA. 56+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVR	ROCK ISLAND	1504	503
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

ROADWAY LIGHTING GENERAL NOTES

- ELECTRICAL EQUIPMENT, RACEWAY, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT, RACEWAYS, ETC. WHERE DIRECTED BY THE ENGINEER IN ORDER TO BEST SUIT JOB CONDITIONS.
- ALL REPLACEMENT AND TEMPORARY WIRING SHALL BE EQUAL TO OR GREATER THAN THE EXISTING WIRE GAUGE.
- NO SPLICING OF EXISTING-TO-NEW WIRING IS ALLOWED INSIDE ELECTRICAL DUCTS. ALL WIRING INTERCONNECTIONS SHALL BE INSTALLED IN ACCESSIBLE AREAS AND SHALL BE MADE WITH ILLINOIS DOT APPROVED CONNECTORS.
- ALL LIQUID-TIGHT FLEXIBLE CONDUIT SHALL BE INCIDENTAL TO THE CONDUIT ATTACHED TO STRUCTURE OF THE SIZE SPECIFIED.
- NO POLES TO BE INSTALLED IN THE FLOWLINE OF THE DITCH. POLE SETBACK SHALL BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- ELECTRIC SERVICE INSTALLATION SHALL INCLUDE ALL CONDUIT AND CABLE REQUIRED BETWEEN THE UTILITY SERVICE AND THE LIGHTING CONTROLLER.
- ALL CONDUIT UNDER ROADWAYS SHALL BE PVC SCHEDULE 80.
- THE GROUND CONDUCTOR SHALL HAVE NO SPLICE OR KINCKS BELOW GRADE. IT SHALL BE SOLIDLY CONNECTED TO THE GROUNDING LUG OF EACH POLE, JUNCTION BOX, AND TO THE GROUND ROD AT THE SERVICE INSTALLATION.
IN AREAS WHERE MULTIPLE CIRCUIT CONDUCTORS SHARE A COMMON CONDUIT, A COMMON EQUIPMENT GROUND SHALL BE UTILIZED.
- THE CONTRACTOR SHALL PROVIDE A 1/4" POLY PULL-LINE THROUGH EACH PVC CONDUIT IN WHICH NO CONDUCTORS ARE PLACED IN THIS CONTRACT. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR THE CONDUIT SPECIFIED.
- JUNCTION BOXES OF "SLIGHTLY" LARGER SIZE THAN THOSE SPECIFIED ON THE PLANS MAY BE USED WHEN APPROVED BY ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.
- EXISTING AND/OR TEMPORARY LIGHTING UNITS SHALL NOT BE REMOVED UNTIL NEW LIGHTING SYSTEM IS COMPLETELY INSTALLED AND FULLY OPERATIONAL TO THE SATISFACTION OF THE ENGINEER.
- CONTRACTOR SHALL PROVIDE STAINLESS STEEL SCREEN UNDERNEATH THE ALUMINUM SKIRT OF THE BREAKAWAY COUPLINGS. THE COST OF THE SCREEN SHALL BE INCLUDED IN THE COST OF THE COUPLINGS. SKIRT SHALL BE PAINTED BLACK TO MATCH LIGHT POLES.
- REMOVAL AND DISPOSAL OF ALL LIGHT POLES AND UNDERPASS LUMINAIRES ATTACHED TO BRIDGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED "REMOVAL OF EXISTING STRUCTURES" PAY ITEM. PLEASE SEE STRUCTURAL REMOVAL PLANS DEMOLITION PLAN FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING STATE OWNED LIGHTING AND/OR TRAFFIC SIGNAL UTILITIES WITHIN THE LIMITS OF THE CONTRACT.
- EXPANSION/DEFLECTION COUPLINGS SHALL BE INSTALLED IN ALL LOCATIONS BETWEEN STRUCTURES, AT EXPANSION JOINTS, AND WHERE NECESSARY TO CONTROL MOVEMENT THAT WOULD DAMAGE THE CONDUIT. THE COST OF EXPANSION/DEFLECTION COUPLINGS SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED CONDUIT AS CALLED OUT ON THE PLANS.

ESTIMATED PROJECT QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	86
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	4,997
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	1,404
81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	2,292
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	3,845
81200210	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA. PVC	FOOT	2,646
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA. PVC	FOOT	8,191
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6"x6"x4"	EACH	90
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x10"x6"	EACH	50
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x12"x6"	EACH	6
81301290	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12"x12"x6"	EACH	4
81400100	HANDHOLE	EACH	10
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	6,497
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	74,255
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	22,605
82500335	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 100AMP	EACH	1
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	10
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	126
83800505	BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT	EACH	60
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	38
84200804	REMOVAL OF POLE FOUNDATION	EACH	36
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	6
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	4
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	4
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	3
87900200	DRILL EXISTING HANDHOLE	EACH	1
X0326357	ROADWAY LIGHTING MODIFICATIONS	L SUM	1
X0327006	ROADWAY LIGHT POLE, INSTALL ONLY	EACH	41
X1400128	REMOVE AND REPLACE EXISTING CIRCUIT BREAKER WITH 40 AMP, 2-POLE	EACH	2
X8110454	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., STAINLESS STEEL	FOOT	10
X8110458	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	80
X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	1
X8360310	LIGHT POLE FOUNDATION, 30" DIAMETER, SPECIAL	FOOT	9
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1
*2000324	ROADWAY LUMINAIRE, SPECIAL (INSTALL ONLY)	EACH	59
*2000325	AESTHETIC LUMINAIRE, (INSTALL ONLY)	EACH	71
*2000326	UNDERPASS LUMINAIRE, (INSTALL ONLY)	EACH	25

LIGHTING LEGEND

- PROPOSED ELECTRIC SERVICE INSTALLATION
- PROPOSED LIGHTING CONTROLLER, 240V, 100A (UNLESS OTHERWISE NOTED)
- PROPOSED HANDHOLE
- PROPOSED LED STREET LIGHT, 50 FT MOUNTING HEIGHT, 14 FT MAST ARM (UNLESS OTHERWISE NOTED)
- PROPOSED LED STREET LIGHT, 48.5 FT MOUNTING HEIGHT, TWIN 14 FT MAST ARMS (UNLESS OTHERWISE NOTED)
- PROPOSED BRIDGE MOUNTED LED STREET LIGHT, 48.5 FT MOUNTING HEIGHT, 14 FT MAST ARM (UNLESS OTHERWISE STATED)
- PROPOSED BRIDGE MOUNTED LED STREET LIGHT, 48.5 FT MOUNTING HEIGHT, TWIN 14 FT MAST ARMS, (UNLESS OTHERWISE NOTED)
- PROPOSED TRAFFIC SIGNAL / STREET LIGHT COMBINATION
- PROPOSED UNDERPASS LUMINAIRE, LED, VERY LOW WATTAGE
- PROPOSED UNDERGROUND CONDUIT, TYPE AND SIZE AS NOTED
- PROPOSED CONDUIT ATTACHED TO STRUCTURE, SIZE AS NOTED
- PROPOSED CONDUIT EMBEDDED IN STRUCTURE, SIZE AS NOTED
- EXISTING LIGHTING CONTROLLER TO REMAIN
- EXISTING LIGHTING UNIT TO REMAIN
- EXISTING LIGHT TO BE MODIFIED
- EXISTING LIGHT TO BE REMOVED
- EXISTING LIGHT TO BE RELOCATED
- EXISTING LIGHTING CONTROLLER TO BE REMOVED
- EXISTING ELECTRIC SERVICE INSTALLATION TO BE REMOVED
- TEMPORARY LIGHTING UNIT, AS NOTED ON PLANS
- TEMPORARY AERIAL CABLE, AS NOTED ON PLANS
- CONDUIT CALLOUT
INSTALLATION METHOD (UNDERGROUND UNLESS OTHERWISE SPECIFIED, EMBEDDED IN STRUCTURE OR ATTACHED TO STRUCTURE)
CONDUIT LENGTH
CONDUIT DIAMETER
- LIGHT POLE DESIGNATION
POLE NUMBER
CIRCUIT
CONTROL CABINET

benesch
engineers · scientists · planners

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

FILE NAME = D2CONAB-AB-sh-t-light400.dgn	USER NAME =	DESIGNED - GHT	REVISED -
		DRAWN - JLW	REVISED -
		CHECKED - GRR	REVISED -
		DATE - 2/5/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING QUANTITIES & GENERAL NOTES

SCALE: NO SCALE SHEET NO. 1 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	497
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

LAYOUT
DRAWN
REVIEWED

LIGHTING REMOVAL DATA

LOCATION				OWNER	REMARKS
STATION	OFFSET	ALIGNMENT			
162+98	20' RT	EX I-74		IDOT	
166+24	12' RT	EX I-74		IDOT	
169+93	10' RT	EX I-74		IDOT	
172+12	48' LT	EX I-74		IDOT	
173+76	22' RT	EX I-74		IDOT	
368+31	18' LT	EX I-74		IDOT	
370+27	26' LT	EX I-74		IDOT	
403+35	25' RT	EX 4TH AVENUE		CITY OF MOLINE	RELOCATE LIGHT POLE
407+46	15' RT	EX 4TH AVENUE		CITY OF MOLINE	REMOVE/MODIFY LIGHT POLE
408+58	16' RT	EX 4TH AVENUE		CITY OF MOLINE	REMOVE/RELOCATE LIGHT POLE
5001+15	18' LT	EX 5TH AVENUE		CITY OF MOLINE	
5003+35	23' LT	EX 5TH AVENUE		CITY OF MOLINE	
5003+89	24' RT	EX 5TH AVENUE		CITY OF MOLINE	
5005+09	23' LT	EX 5TH AVENUE		CITY OF MOLINE	
5006+07	23' RT	EX 5TH AVENUE		CITY OF MOLINE	
106+45	35' RT	EX 7TH AVENUE		IDOT	
109+04	55' RT	EX 7TH AVENUE		IDOT	
109+47	76' RT	EX 7TH AVENUE		IDOT	
112+25	62' RT	EX 7TH AVENUE		IDOT	
115+70	34' RT	EX 7TH AVENUE		IDOT	
118+68	169' RT	EX 7TH AVENUE		IDOT	
206+09	29' LT	EX 7TH AVENUE		IDOT	
208+73	50' LT	EX 7TH AVENUE		IDOT	
209+96	107' LT	EX 7TH AVENUE		IDOT	
210+67	49' LT	EX 7TH AVENUE		IDOT	
212+43	41' LT	EX 7TH AVENUE		IDOT	
212+84	102' LT	EX 7TH AVENUE		IDOT	
214+90	149' LT	EX 7TH AVENUE		IDOT	
215+14	46' LT	EX 7TH AVENUE		IDOT	
217+37	38' LT	EX 7TH AVENUE		IDOT	
3012+20	45' LT	EX RIVER ROAD		IDOT	RELOCATE LIGHT POLE
3013+40	45' LT	EX RIVER ROAD		IDOT	RELOCATE LIGHT POLE
3013+40	59' RT	EX RIVER ROAD		IDOT	RELOCATE LIGHT POLE
3014+40	45' LT	EX RIVER ROAD		IDOT	
3014+40	62' RT	EX RIVER ROAD		IDOT	RELOCATE LIGHT POLE
3016+55	50' RT	EX RIVER ROAD		IDOT	REMOVE ONE COMBO LIGHT/ARM
365+80	165' LT	EX I-74		CITY OF MOLINE	FLAG POLE FLOOD LIGHT
366+70	95' LT	EX I-74		CITY OF MOLINE	FLAG POLE FLOOD LIGHT
-	-	JOHN DEERE PARKING LOT		JOHN DEERE	REMOVE SEVEN (7) LIGHT POLES

LIGHTING INSTALLATION DATA

NO.	LOCATION			TYPE				REMARKS
	STATION	OFFSET	ALIGNMENT	POLE	M.A.	POLE DETAIL*	LUMINAIRE(S) **	
1-G-03/1-G-04	30+60.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-H-03/1-H-04	33+44.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-G-05/1-G-06	36+22.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-H-05/1-H-06	38+97.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-G-07/1-G-08	41+66.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-E-08	129+15.0	BARRIER WALL	RAMP RD-G	29'	4'	TYPE IV	TYPE A	SEE NOTE 1
1-F-08	132+15.0	RETAINING WALL	RAMP RD-G	29'	4'	TYPE IV	TYPE A	SEE NOTE 1
1-E-09	135+15.0	50.94' RT	RAMP RD-G	29'	4'	TYPE IV	TYPE A	
1-C-19	215+30.0	RETAINING WALL	RAMP RD-H	45'	14'	TYPE II	TYPE A	SEE NOTE 1
1-D-17	211+54.0	38.0' RT	RAMP RD-H	50'	14'	TYPE III	TYPE A	
1-C-01	439+55.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1
1-D-01	436+45.0	BARRIER WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1
1-C-02	433+30.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1
1-D-02	430+05.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1
1-C-03	426+81.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1
1-D-03	423+65.0	RETAINING WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1
1-G-01/1-G-02	25+32.00	I-74 CL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-H-01/1-H-02	28+10.00	I-74 CL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-E-01	24+25.00	BARRIER WALL	I-74 ML	45'	14'	TYPE II	TYPE A	SEE NOTE 1
1-F-01/1-F-09	320+65.00	RETAINING WALL	RAMP 6TH-C	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-E-02/1-E-10	323+97.50	PARAPET WALL	RAMP 6TH-C	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-F-02	327+25.00	PARAPET WALL	RAMP 6TH-C	45'	14'	TYPE II	TYPE A	SEE NOTE 1
1-E-03	331+08.00	PARAPET WALL	RAMP 6TH-C	45'	14'	TYPE II	TYPE A	SEE NOTE 1
1-F-03	334+22.00	16.00' RT	RAMP 6TH-C	50'	14'	TYPE III	TYPE A	
13-B-01	403+09.30	27.71' RT	4TH AVE	-	-	-	-	RELOCATED POLE
1-H-07/1-H-08	44+48.0	BARRIER WALL	I-74	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-G-09/1-G-10	47+16.0	BARRIER WALL	I-74	45'	14'	TYPE I	TYPE A	SEE NOTE 1
1-C-04	6007+04.5	40.2' LT	6TH AVE	45'	15'	-	TYPE A	COMBINATION POLE
1-D-04	6007+12.2	48.0' RT	6TH AVE	50'	14'	TYPE III	TYPE A	
1-C-05	6006+11.7	30.4' RT	6TH AVE	45'	15'	-	TYPE A	COMBINATION POLE
1-D-16	7007+32.0	95.0' RT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE
1-D-13	7008+64.0	82.0' LT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE
1-C-13	7010+50.0	70.6' RT	7TH AVE	50'	14'	TYPE III	TYPE A	
1-D-14	7006+86.0	74.0' LT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE
1-D-12	7010+50.0	76.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A	
1-D-15	7008+91.9	66.6' RT	7TH AVE	50'	14'	TYPE III	TYPE A	
1-D-08	7013+47.2	76.5' RT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE
1-C-07	7014+39.6	65.4' LT	7TH AVE	50'	14'	TYPE III	TYPE A	
1-C-06	644+49.0	30.6' LT	7TH-RAMP A	50'	14'	TYPE III	TYPE A	
1-C-09	642+15.0	25.2' RT	7TH-RAMP A	50'	14'	TYPE III	TYPE A	
1-D-05	645+83.0	41.6' LT	7TH-RAMP A	50'	14'	TYPE III	TYPE A	
1-D-06	7013+75.0	54.3' LT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE
1-D-07	7016+50.0	39.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A	
1-C-08	7014+29.0	56.5' RT	7TH AVE	50'	14'	TYPE III	TYPE A	
1-C-14	7008+91.9	76.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A	
1-C-15	7006+31.0	88.0' LT	7TH AVE	50'	14'	TYPE III	TYPE A	
1-C-16	7008+55.0	98.0' RT	7TH AVE	50'	14'	TYPE III	TYPE A	
1-C-17	7006+93.0	71.0' RT	7TH AVE	50'	14'	TYPE III	TYPE A	
1-C-18	7005+00.0	48.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A	

• SEE LIGHTING DETAIL SHEETS FOR POLE DETAILS

** TYPE A SHALL BE A LED, MEDIUM WATTAGE, 240 VOLT LUMINAIRE

NOTE 1: LIGHT POLE MOUNTED TO BARRIER WALL, BRIDGE PARAPET, OR RETAINING WALL

LAYOUT
DRAWN
REVIEWED



Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

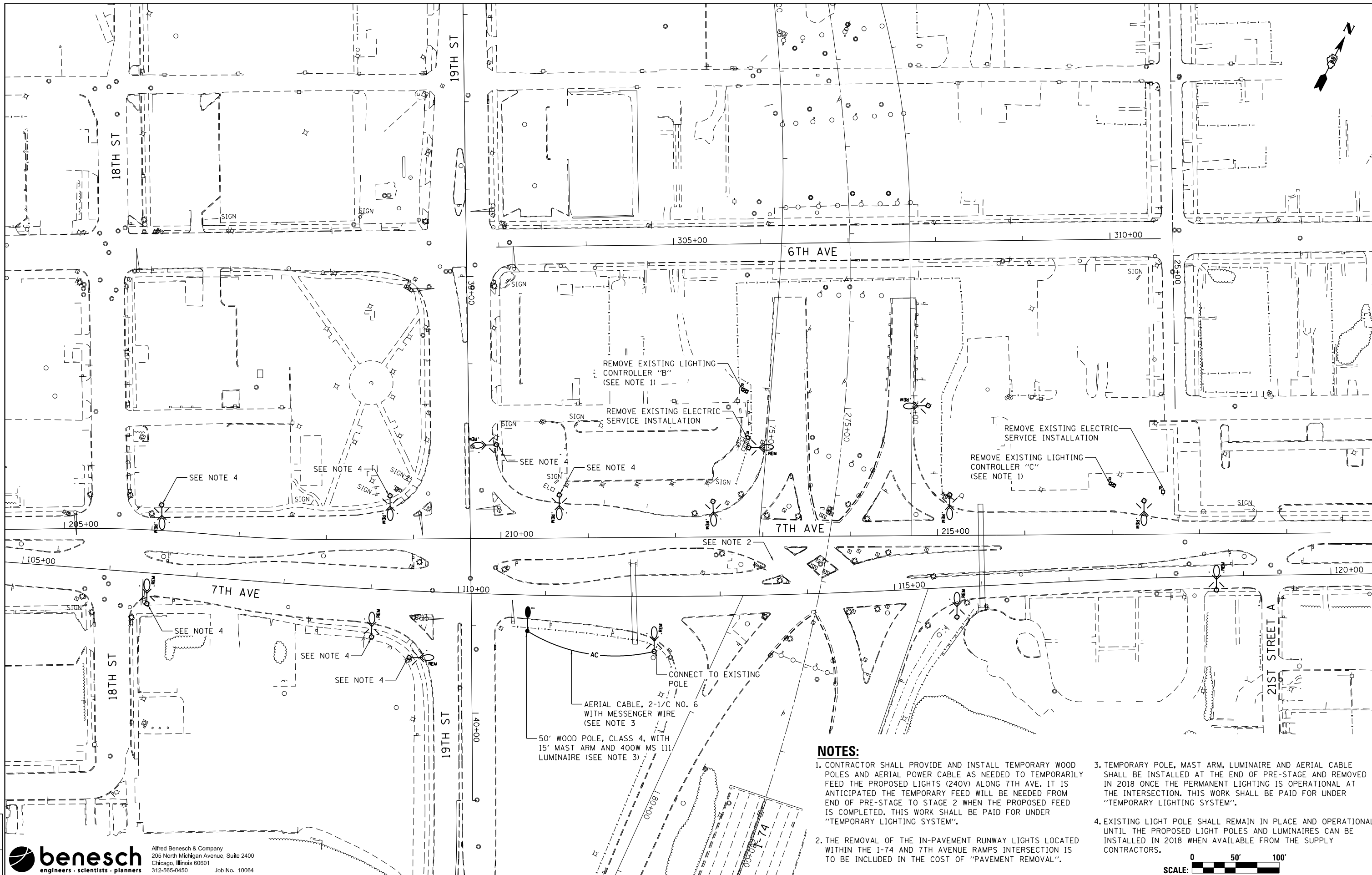
FILE NAME = D2CONAB-AB-sh-t-light400.dgn	USER NAME =	DESIGNED - GHT	REVISED -
		DRAWN - JLW	REVISED -
		CHECKED - GRR	REVISED -
		DATE - 2/5/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING QUANTITIES

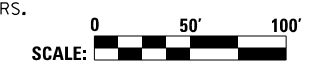
SCALE: NO SCALE SHEET NO. 2 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	498
CONTRACT NO.			64C08	
ILLINOIS FED. AID PROJECT				



NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY WOOD POLES AND AERIAL POWER CABLE AS NEEDED TO TEMPORARILY FEED THE PROPOSED LIGHTS (240V) ALONG 7TH AVE. IT IS ANTICIPATED THE TEMPORARY FEED WILL BE NEEDED FROM END OF PRE-STAGE 2 TO STAGE 2 WHEN THE PROPOSED FEED IS COMPLETED. THIS WORK SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM".
2. THE REMOVAL OF THE IN-PAVEMENT RUNWAY LIGHTS LOCATED WITHIN THE I-74 AND 7TH AVENUE RAMP INTERSECTION IS TO BE INCLUDED IN THE COST OF "PAVEMENT REMOVAL".
3. TEMPORARY POLE, MAST ARM, LUMINAIRE AND AERIAL CABLE SHALL BE INSTALLED AT THE END OF PRE-STAGE AND REMOVED IN 2018 ONCE THE PERMANENT LIGHTING IS OPERATIONAL AT THE INTERSECTION. THIS WORK SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM".
4. EXISTING LIGHT POLE SHALL REMAIN IN PLACE AND OPERATIONAL UNTIL THE PROPOSED LIGHT POLES AND LUMINAIRES CAN BE INSTALLED IN 2018 WHEN AVAILABLE FROM THE SUPPLY CONTRACTORS.



benesch
engineers · scientists · planners

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

LAYOUT	
DRAWN	
REVIEWED	

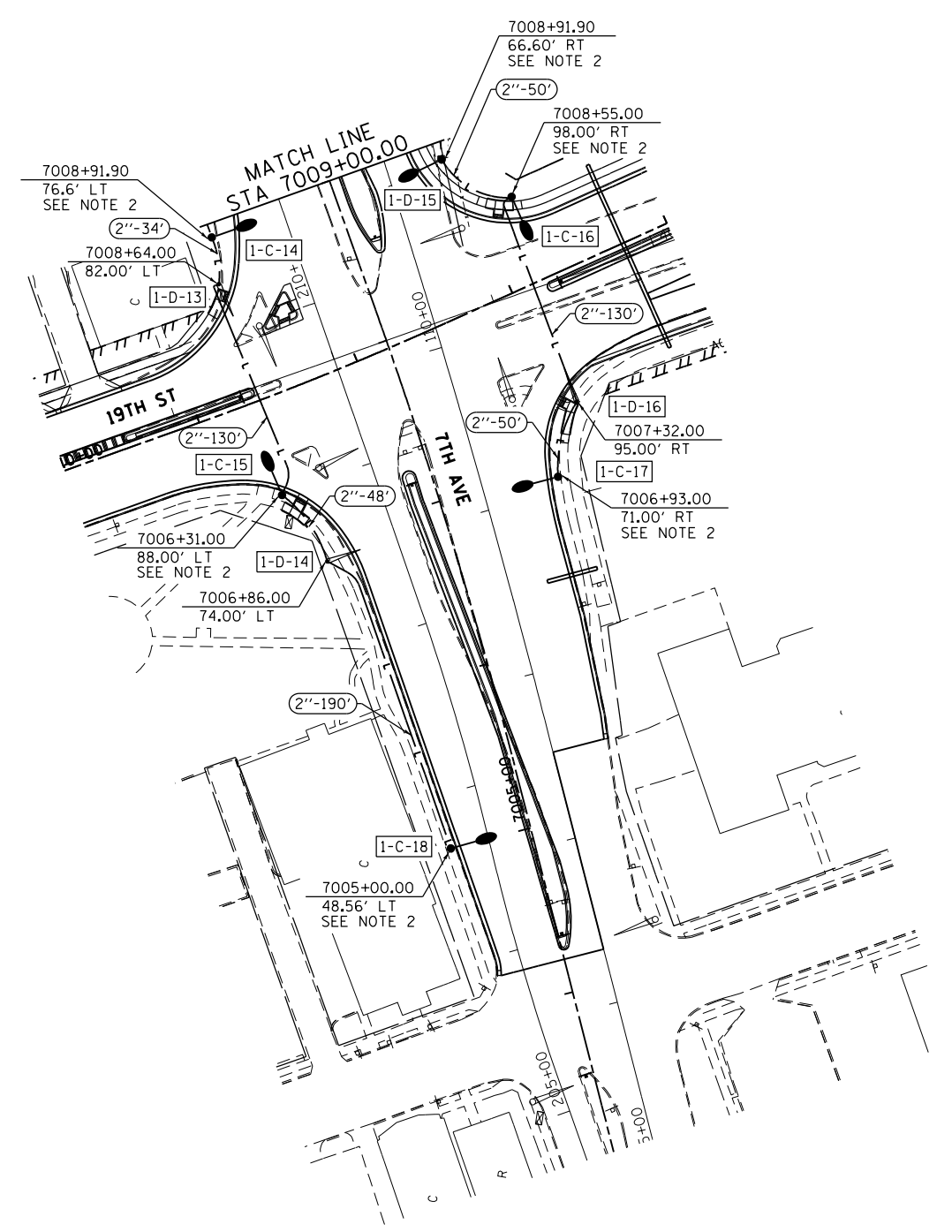
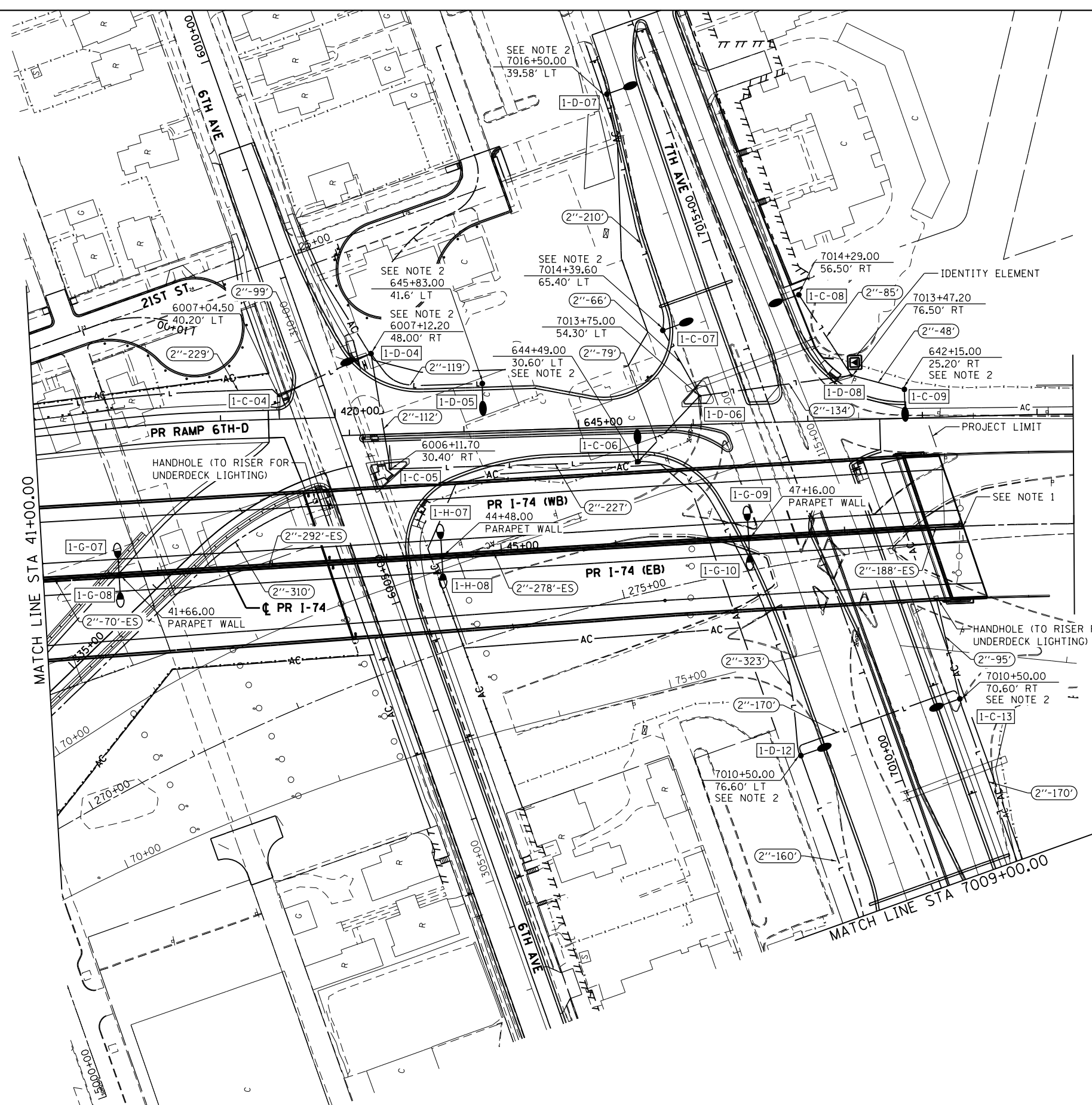
FILE NAME =	D2CONAB-AB-sh-t-light400.dgn
USER NAME =	
DESIGNED -	GHT
DRAWN -	JLW
PLOT SCALE =	AS NOTED
CHECKED -	GRR
DATE -	2/5/2016
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
7TH AVE**

SCALE: AS NOTED SHEET NO. 4 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	500
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- CAP AND SEAL CONDUIT FOR CONTINUATION BY OTHERS UNDER THE ADJACENT CONTRACT.
 - PROVIDE AND INSTALL BREAKAWAY COUPLINGS WITH ALUMINUM SKIRT.
 - UNDERGROUND LIGHTING INFRASTRUCTURE AT 7TH AVE. AND 19TH ST. SHALL BE INSTALLED DURING PRE-STAGE WORK. POLES AND LUMINAIRES AT THIS LOCATION SHALL BE INSTALLED IN 2018 WHEN AVAILABLE FROM THE SUPPLY CONTRACTORS.

benesch Alfred Benesch & Company
 engineers · scientists · planners
 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-565-0450 Job No. 10064

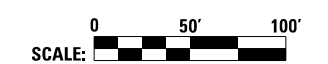
LAYOUT	FILE NAME =
DRAWN	D2CONAB-AB-sh-1-1ght400.dgn
REVIEWED	

USER NAME =	DESIGNED - GHT	REVISED -
PLOT SCALE = AS NOTED	DRAWN - JLW	REVISED -
PLOT DATE = 1/30/2017	CHECKED - GRR	REVISED -
	DATE - 2/5/2016	REVISED -

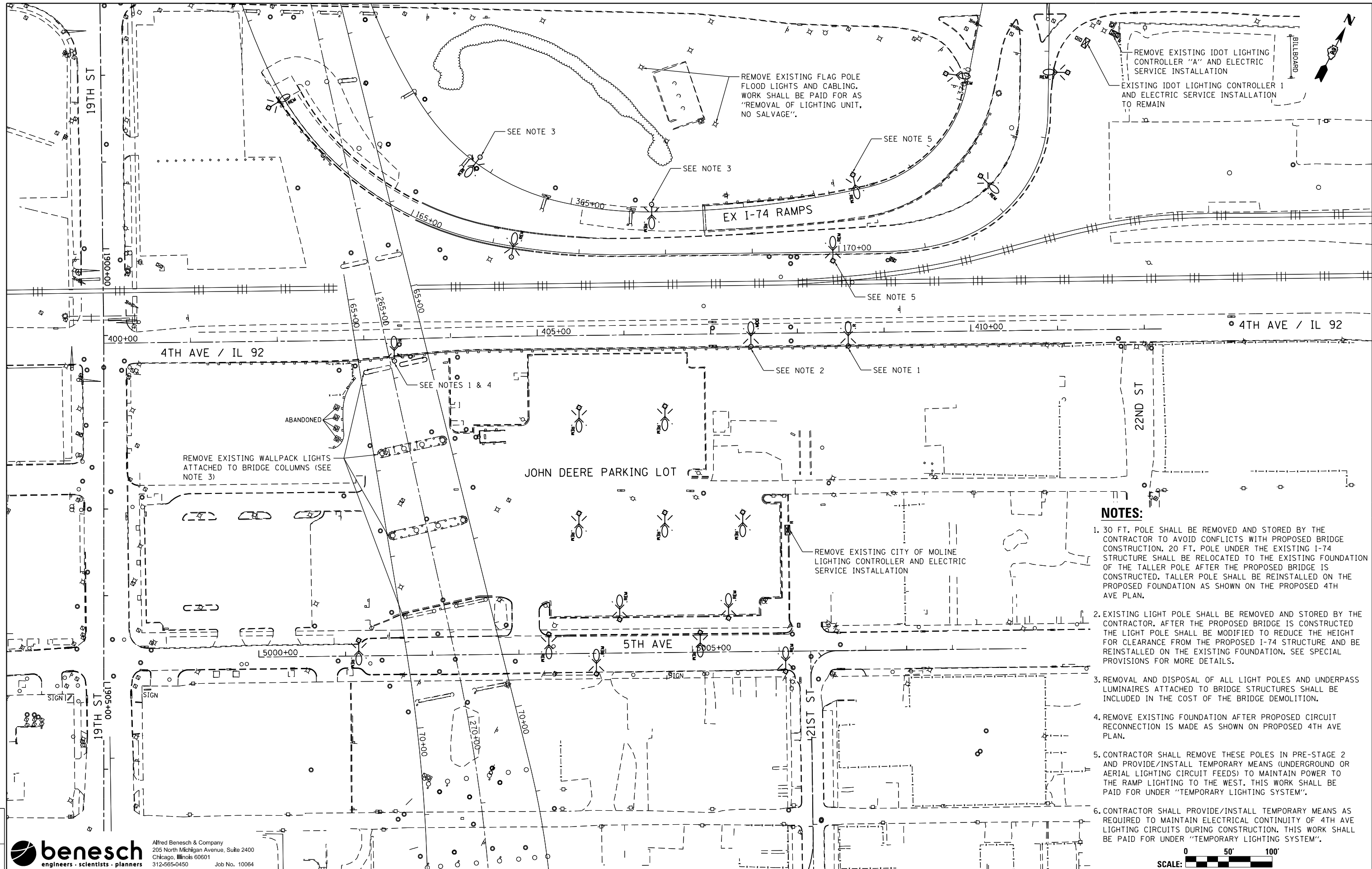
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
 MAINLINE & RAMPS**

SCALE: AS NOTED SHEET NO. 7 OF 29 SHEETS STA. 41+00 TO STA. 56+00



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1R & 81-1H)VBR	ROCK ISLAND	1504	503
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	



REMOVE EXISTING FLAG POLE FLOOD LIGHTS AND CABLING. WORK SHALL BE PAID FOR AS "REMOVAL OF LIGHTING UNIT, NO SALVAGE".

REMOVE EXISTING IDOT LIGHTING CONTROLLER "A" AND ELECTRIC SERVICE INSTALLATION
EXISTING IDOT LIGHTING CONTROLLER 1 AND ELECTRIC SERVICE INSTALLATION TO REMAIN

REMOVE EXISTING WALLPACK LIGHTS ATTACHED TO BRIDGE COLUMNS (SEE NOTE 3)

REMOVE EXISTING CITY OF MOLINE LIGHTING CONTROLLER AND ELECTRIC SERVICE INSTALLATION

NOTES:

1. 30 FT. POLE SHALL BE REMOVED AND STORED BY THE CONTRACTOR TO AVOID CONFLICTS WITH PROPOSED BRIDGE CONSTRUCTION. 20 FT. POLE UNDER THE EXISTING I-74 STRUCTURE SHALL BE RELOCATED TO THE EXISTING FOUNDATION OF THE TALLER POLE AFTER THE PROPOSED BRIDGE IS CONSTRUCTED. TALLER POLE SHALL BE REINSTALLED ON THE PROPOSED FOUNDATION AS SHOWN ON THE PROPOSED 4TH AVE PLAN.
2. EXISTING LIGHT POLE SHALL BE REMOVED AND STORED BY THE CONTRACTOR. AFTER THE PROPOSED BRIDGE IS CONSTRUCTED THE LIGHT POLE SHALL BE MODIFIED TO REDUCE THE HEIGHT FOR CLEARANCE FROM THE PROPOSED I-74 STRUCTURE AND BE REINSTALLED ON THE EXISTING FOUNDATION. SEE SPECIAL PROVISIONS FOR MORE DETAILS.
3. REMOVAL AND DISPOSAL OF ALL LIGHT POLES AND UNDERPASS LUMINAIRES ATTACHED TO BRIDGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE BRIDGE DEMOLITION.
4. REMOVE EXISTING FOUNDATION AFTER PROPOSED CIRCUIT RECONNECTION IS MADE AS SHOWN ON PROPOSED 4TH AVE PLAN.
5. CONTRACTOR SHALL REMOVE THESE POLES IN PRE-STAGE 2 AND PROVIDE/INSTALL TEMPORARY MEANS (UNDERGROUND OR AERIAL LIGHTING CIRCUIT FEEDS) TO MAINTAIN POWER TO THE RAMP LIGHTING TO THE WEST. THIS WORK SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM".
6. CONTRACTOR SHALL PROVIDE/INSTALL TEMPORARY MEANS AS REQUIRED TO MAINTAIN ELECTRICAL CONTINUITY OF 4TH AVE LIGHTING CIRCUITS DURING CONSTRUCTION. THIS WORK SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM".



benesch
engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

LAYOUT	
DRAWN	
REVIEWED	

FILE NAME =	D2CONAB-AB-sh-t-light400.dgn
USER NAME =	
DESIGNED -	GHT
DRAWN -	JLW
CHECKED -	GRR
DATE -	2/5/2016

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
4TH AVE & 5TH AVE**

SCALE: AS NOTED SHEET NO. 3 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	499
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

ROADWAY LIGHTING GENERAL NOTES

- ELECTRICAL EQUIPMENT, RACEWAY, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT, RACEWAYS, ETC. WHERE DIRECTED BY THE ENGINEER IN ORDER TO BEST SUIT JOB CONDITIONS.
- ALL REPLACEMENT AND TEMPORARY WIRING SHALL BE EQUAL TO OR GREATER THAN THE EXISTING WIRE GAUGE.
- NO SPLICING OF EXISTING-TO-NEW WIRING IS ALLOWED INSIDE ELECTRICAL DUCTS. ALL WIRING INTERCONNECTIONS SHALL BE INSTALLED IN ACCESSIBLE AREAS AND SHALL BE MADE WITH ILLINOIS DOT APPROVED CONNECTORS.
- ALL LIQUID-TIGHT FLEXIBLE CONDUIT SHALL BE INCIDENTAL TO THE CONDUIT ATTACHED TO STRUCTURE OF THE SIZE SPECIFIED.
- NO POLES TO BE INSTALLED IN THE FLOWLINE OF THE DITCH. POLE SETBACK SHALL BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- ELECTRIC SERVICE INSTALLATION SHALL INCLUDE ALL CONDUIT AND CABLE REQUIRED BETWEEN THE UTILITY SERVICE AND THE LIGHTING CONTROLLER.
- ALL CONDUIT UNDER ROADWAYS SHALL BE PVC SCHEDULE 80.
- THE GROUND CONDUCTOR SHALL HAVE NO SPLICE OR KINCKS BELOW GRADE. IT SHALL BE SOLIDLY CONNECTED TO THE GROUNDING LUG OF EACH POLE, JUNCTION BOX, AND TO THE GROUND ROD AT THE SERVICE INSTALLATION.
IN AREAS WHERE MULTIPLE CIRCUIT CONDUCTORS SHARE A COMMON CONDUIT, A COMMON EQUIPMENT GROUND SHALL BE UTILIZED.
- THE CONTRACTOR SHALL PROVIDE A 1/4" POLY PULL-LINE THROUGH EACH PVC CONDUIT IN WHICH NO CONDUCTORS ARE PLACED IN THIS CONTRACT. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR THE CONDUIT SPECIFIED.
- JUNCTION BOXES OF "SLIGHTLY" LARGER SIZE THAN THOSE SPECIFIED ON THE PLANS MAY BE USED WHEN APPROVED BY ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.
- EXISTING AND/OR TEMPORARY LIGHTING UNITS SHALL NOT BE REMOVED UNTIL NEW LIGHTING SYSTEM IS COMPLETELY INSTALLED AND FULLY OPERATIONAL TO THE SATISFACTION OF THE ENGINEER.
- CONTRACTOR SHALL PROVIDE STAINLESS STEEL SCREEN UNDERNEATH THE ALUMINUM SKIRT OF THE BREAKAWAY COUPLINGS. THE COST OF THE SCREEN SHALL BE INCLUDED IN THE COST OF THE COUPLINGS. SKIRT SHALL BE PAINTED BLACK TO MATCH LIGHT POLES.
- REMOVAL AND DISPOSAL OF ALL LIGHT POLES AND UNDERPASS LUMINAIRES ATTACHED TO BRIDGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED "REMOVAL OF EXISTING STRUCTURES" PAY ITEM. PLEASE SEE STRUCTURAL REMOVAL PLANS DEMOLITION PLAN FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING STATE OWNED LIGHTING AND/OR TRAFFIC SIGNAL UTILITIES WITHIN THE LIMITS OF THE CONTRACT.
- EXPANSION/DEFLECTION COUPLINGS SHALL BE INSTALLED IN ALL LOCATIONS BETWEEN STRUCTURES, AT EXPANSION JOINTS, AND WHERE NECESSARY TO CONTROL MOVEMENT THAT WOULD DAMAGE THE CONDUIT. THE COST OF EXPANSION/DEFLECTION COUPLINGS SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED CONDUIT AS CALLED OUT ON THE PLANS.

ESTIMATED PROJECT QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	86
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	4,997
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	1,404
81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	2,292
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	3,845
81200210	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA. PVC	FOOT	2,646
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA. PVC	FOOT	8,191
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6"x6"x4"	EACH	90
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x10"x6"	EACH	50
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x12"x6"	EACH	6
81301290	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 12"x12"x6"	EACH	4
81400100	HANDHOLE	EACH	10
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	6,497
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	74,255
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	22,605
82500335	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 100AMP	EACH	1
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	10
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	126
83800505	BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT	EACH	60
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	38
84200804	REMOVAL OF POLE FOUNDATION	EACH	36
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	6
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	4
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	4
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	3
87900200	DRILL EXISTING HANDHOLE	EACH	1
X0326357	ROADWAY LIGHTING MODIFICATIONS	L SUM	1
X0327006	ROADWAY LIGHT POLE, INSTALL ONLY	EACH	41
X1400128	REMOVE AND REPLACE EXISTING CIRCUIT BREAKER WITH 40 AMP, 2-POLE	EACH	2
X8110454	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., STAINLESS STEEL	FOOT	10
X8110458	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	80
X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	1
X8360310	LIGHT POLE FOUNDATION, 30" DIAMETER, SPECIAL	FOOT	9
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1
*2000324	ROADWAY LUMINAIRE, SPECIAL (INSTALL ONLY)	EACH	59
*2000325	AESTHETIC LUMINAIRE, (INSTALL ONLY)	EACH	71
*2000326	UNDERPASS LUMINAIRE, (INSTALL ONLY)	EACH	25

LIGHTING LEGEND

- PROPOSED ELECTRIC SERVICE INSTALLATION
- PROPOSED LIGHTING CONTROLLER, 240V, 100A (UNLESS OTHERWISE NOTED)
- PROPOSED HANDHOLE
- PROPOSED LED STREET LIGHT, 50 FT MOUNTING HEIGHT, 14 FT MAST ARM (UNLESS OTHERWISE NOTED)
- PROPOSED LED STREET LIGHT, 48.5 FT MOUNTING HEIGHT, TWIN 14 FT MAST ARMS (UNLESS OTHERWISE NOTED)
- PROPOSED BRIDGE MOUNTED LED STREET LIGHT, 48.5 FT MOUNTING HEIGHT, 14 FT MAST ARM (UNLESS OTHERWISE STATED)
- PROPOSED BRIDGE MOUNTED LED STREET LIGHT, 48.5 FT MOUNTING HEIGHT, TWIN 14 FT MAST ARMS, (UNLESS OTHERWISE NOTED)
- PROPOSED TRAFFIC SIGNAL / STREET LIGHT COMBINATION
- PROPOSED UNDERPASS LUMINAIRE, LED, VERY LOW WATTAGE
- PROPOSED UNDERGROUND CONDUIT, TYPE AND SIZE AS NOTED
- PROPOSED CONDUIT ATTACHED TO STRUCTURE, SIZE AS NOTED
- PROPOSED CONDUIT EMBEDDED IN STRUCTURE, SIZE AS NOTED
- EXISTING LIGHTING CONTROLLER TO REMAIN
- EXISTING LIGHTING UNIT TO REMAIN
- EXISTING LIGHT TO BE MODIFIED
- EXISTING LIGHT TO BE REMOVED
- EXISTING LIGHT TO BE RELOCATED
- EXISTING LIGHTING CONTROLLER TO BE REMOVED
- EXISTING ELECTRIC SERVICE INSTALLATION TO BE REMOVED
- TEMPORARY LIGHTING UNIT, AS NOTED ON PLANS
- TEMPORARY AERIAL CABLE, AS NOTED ON PLANS
- CONDUIT CALLOUT
INSTALLATION METHOD (UNDERGROUND UNLESS OTHERWISE SPECIFIED, EMBEDDED IN STRUCTURE OR ATTACHED TO STRUCTURE)
CONDUIT LENGTH
CONDUIT DIAMETER
- LIGHT POLE DESIGNATION
POLE NUMBER
CIRCUIT
CONTROL CABINET

benesch
engineers · scientists · planners

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

FILE NAME = D2CONAB-AB-sh-t-light400.dgn	USER NAME =	DESIGNED - GHT	REVISED -
		DRAWN - JLW	REVISED -
		CHECKED - GRR	REVISED -
		DATE - 2/5/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING QUANTITIES & GENERAL NOTES

SCALE: NO SCALE SHEET NO. 1 OF 29 SHEETS STA. TO STA.

F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	497
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	

LAYOUT
DRAWN
REVIEWED

LIGHTING REMOVAL DATA				
LOCATION			OWNER	REMARKS
STATION	OFFSET	ALIGNMENT		
162+98	20' RT	EX I-74	IDOT	
166+24	12' RT	EX I-74	IDOT	
169+93	10' RT	EX I-74	IDOT	
172+12	48' LT	EX I-74	IDOT	
173+76	22' RT	EX I-74	IDOT	
368+31	18' LT	EX I-74	IDOT	
370+27	26' LT	EX I-74	IDOT	
403+35	25' RT	EX 4TH AVENUE	CITY OF MOLINE	RELOCATE LIGHT POLE
407+46	15' RT	EX 4TH AVENUE	CITY OF MOLINE	REMOVE/MODIFY LIGHT POLE
408+58	16' RT	EX 4TH AVENUE	CITY OF MOLINE	REMOVE/RELOCATE LIGHT POLE
5001+15	18' LT	EX 5TH AVENUE	CITY OF MOLINE	
5003+35	23' LT	EX 5TH AVENUE	CITY OF MOLINE	
5003+89	24' RT	EX 5TH AVENUE	CITY OF MOLINE	
5005+09	23' LT	EX 5TH AVENUE	CITY OF MOLINE	
5006+07	23' RT	EX 5TH AVENUE	CITY OF MOLINE	
106+45	35' RT	EX 7TH AVENUE	IDOT	
109+04	55' RT	EX 7TH AVENUE	IDOT	
109+47	76' RT	EX 7TH AVENUE	IDOT	
112+25	62' RT	EX 7TH AVENUE	IDOT	
115+70	34' RT	EX 7TH AVENUE	IDOT	
118+68	169' RT	EX 7TH AVENUE	IDOT	
206+09	29' LT	EX 7TH AVENUE	IDOT	
208+73	50' LT	EX 7TH AVENUE	IDOT	
209+96	107' LT	EX 7TH AVENUE	IDOT	
210+67	49' LT	EX 7TH AVENUE	IDOT	
212+43	41' LT	EX 7TH AVENUE	IDOT	
212+84	102' LT	EX 7TH AVENUE	IDOT	
214+90	149' LT	EX 7TH AVENUE	IDOT	
215+14	46' LT	EX 7TH AVENUE	IDOT	
217+37	38' LT	EX 7TH AVENUE	IDOT	
3012+20	45' LT	EX RIVER ROAD	IDOT	RELOCATE LIGHT POLE
3013+40	45' LT	EX RIVER ROAD	IDOT	RELOCATE LIGHT POLE
3013+40	59' RT	EX RIVER ROAD	IDOT	RELOCATE LIGHT POLE
3014+40	45' LT	EX RIVER ROAD	IDOT	
3014+40	62' RT	EX RIVER ROAD	IDOT	RELOCATE LIGHT POLE
3016+55	50' RT	EX RIVER ROAD	IDOT	REMOVE ONE COMBO LIGHT/ARM
365+80	165' LT	EX I-74	CITY OF MOLINE	FLAG POLE FLOOD LIGHT
366+70	95' LT	EX I-74	CITY OF MOLINE	FLAG POLE FLOOD LIGHT
-	-	JOHN DEERE PARKING LOT	JOHN DEERE	REMOVE SEVEN (7) LIGHT POLES

LIGHTING INSTALLATION DATA									
LOCATION				TYPE				REMARKS	
NO.	STATION	OFFSET	ALIGNMENT	POLE	M.A.	POLE DETAIL*	LUMINAIRE(S) **		
1-G-03/1-G-04	30+60.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-H-03/1-H-04	33+44.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-G-05/1-G-06	36+22.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-H-05/1-H-06	38+97.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-G-07/1-G-08	41+66.0	PARAPET WALL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-E-08	129+15.0	BARRIER WALL	RAMP RD-G	29'	4'	TYPE IV	TYPE A	SEE NOTE 1	
1-F-08	132+15.0	RETAINING WALL	RAMP RD-G	29'	4'	TYPE IV	TYPE A	SEE NOTE 1	
1-E-09	135+15.0	50.94' RT	RAMP RD-G	29'	4'	TYPE IV	TYPE A		
1-C-19	215+30.0	RETAINING WALL	RAMP RD-H	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-D-17	211+54.0	38.0' RT	RAMP RD-H	50'	14'	TYPE III	TYPE A		
1-C-01	439+55.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-D-01	436+45.0	BARRIER WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-C-02	433+30.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-D-02	430+05.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-C-03	426+81.0	PARAPET WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-D-03	423+65.0	RETAINING WALL	RAMP 6TH-D	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-G-01/1-G-02	25+32.00	I-74 CL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-H-01/1-H-02	28+10.00	I-74 CL	I-74 ML	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-E-01	24+25.00	BARRIER WALL	I-74 ML	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-F-01/1-F-09	320+65.00	RETAINING WALL	RAMP 6TH-C	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-E-02/1-E-10	323+97.50	PARAPET WALL	RAMP 6TH-C	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-F-02	327+25.00	PARAPET WALL	RAMP 6TH-C	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-E-03	331+08.00	PARAPET WALL	RAMP 6TH-C	45'	14'	TYPE II	TYPE A	SEE NOTE 1	
1-F-03	334+22.00	16.00' RT	RAMP 6TH-C	50'	14'	TYPE III	TYPE A		
13-B-01	403+09.30	27.71' RT	4TH AVE	-	-	-	-	RELOCATED POLE	
1-H-07/1-H-08	44+48.0	BARRIER WALL	I-74	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-G-09/1-G-10	47+16.0	BARRIER WALL	I-74	45'	14'	TYPE I	TYPE A	SEE NOTE 1	
1-C-04	6007+04.5	40.2' LT	6TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-D-04	6007+12.2	48.0' RT	6TH AVE	50'	14'	TYPE III	TYPE A		
1-C-05	6006+11.7	30.4' RT	6TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-D-16	7007+32.0	95.0' RT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-D-13	7008+64.0	82.0' LT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-C-13	7010+50.0	70.6' RT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-D-14	7006+86.0	74.0' LT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-D-12	7010+50.0	76.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-D-15	7008+91.9	66.6' RT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-D-08	7013+47.2	76.5' RT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-C-07	7014+39.6	65.4' LT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-06	644+49.0	30.6' LT	7TH-RAMP A	50'	14'	TYPE III	TYPE A		
1-C-09	642+15.0	25.2' RT	7TH-RAMP A	50'	14'	TYPE III	TYPE A		
1-D-05	645+83.0	41.6' LT	7TH-RAMP A	50'	14'	TYPE III	TYPE A		
1-D-06	7013+75.0	54.3' LT	7TH AVE	45'	15'	-	TYPE A	COMBINATION POLE	
1-D-07	7016+50.0	39.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-08	7014+29.0	56.5' RT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-14	7008+91.9	76.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-15	7006+31.0	88.0' LT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-16	7008+55.0	98.0' RT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-17	7006+93.0	71.0' RT	7TH AVE	50'	14'	TYPE III	TYPE A		
1-C-18	7005+00.0	48.6' LT	7TH AVE	50'	14'	TYPE III	TYPE A		

• SEE LIGHTING DETAIL SHEETS FOR POLE DETAILS

•• TYPE A SHALL BE A LED, MEDIUM WATTAGE, 240 VOLT LUMINAIRE

NOTE 1: LIGHT POLE MOUNTED TO BARRIER WALL, BRIDGE PARAPET, OR RETAINING WALL

LAYOUT
DRAWN
REVIEWED



Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

FILE NAME =
D2CONAB-AB-sh-t-light400.dgn

USER NAME =
DESIGNED - GHT
DRAWN - JLW
CHECKED - GRR
DATE - 2/5/2016

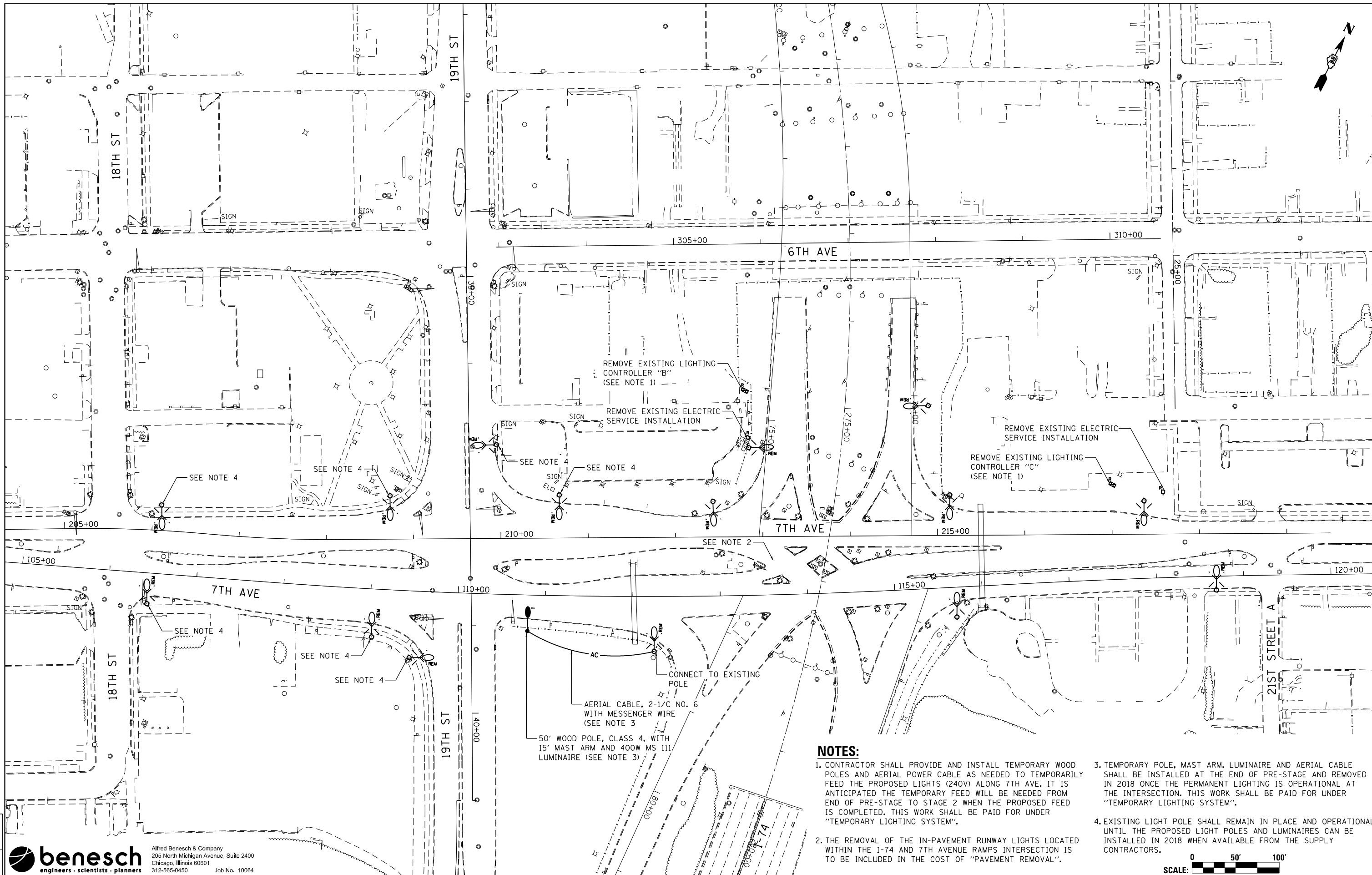
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING QUANTITIES

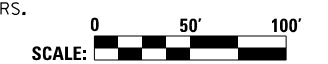
SCALE: NO SCALE SHEET NO. 2 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	498
CONTRACT NO.				64C08
ILLINOIS FED. AID PROJECT				



NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY WOOD POLES AND AERIAL POWER CABLE AS NEEDED TO TEMPORARILY FEED THE PROPOSED LIGHTS (240V) ALONG 7TH AVE. IT IS ANTICIPATED THE TEMPORARY FEED WILL BE NEEDED FROM END OF PRE-STAGE 2 TO STAGE 2 WHEN THE PROPOSED FEED IS COMPLETED. THIS WORK SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM".
2. THE REMOVAL OF THE IN-PAVEMENT RUNWAY LIGHTS LOCATED WITHIN THE I-74 AND 7TH AVENUE RAMP INTERSECTION IS TO BE INCLUDED IN THE COST OF "PAVEMENT REMOVAL".
3. TEMPORARY POLE, MAST ARM, LUMINAIRE AND AERIAL CABLE SHALL BE INSTALLED AT THE END OF PRE-STAGE AND REMOVED IN 2018 ONCE THE PERMANENT LIGHTING IS OPERATIONAL AT THE INTERSECTION. THIS WORK SHALL BE PAID FOR UNDER "TEMPORARY LIGHTING SYSTEM".
4. EXISTING LIGHT POLE SHALL REMAIN IN PLACE AND OPERATIONAL UNTIL THE PROPOSED LIGHT POLES AND LUMINAIRES CAN BE INSTALLED IN 2018 WHEN AVAILABLE FROM THE SUPPLY CONTRACTORS.



benesch
engineers · scientists · planners

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

LAYOUT	
DRAWN	
REVIEWED	

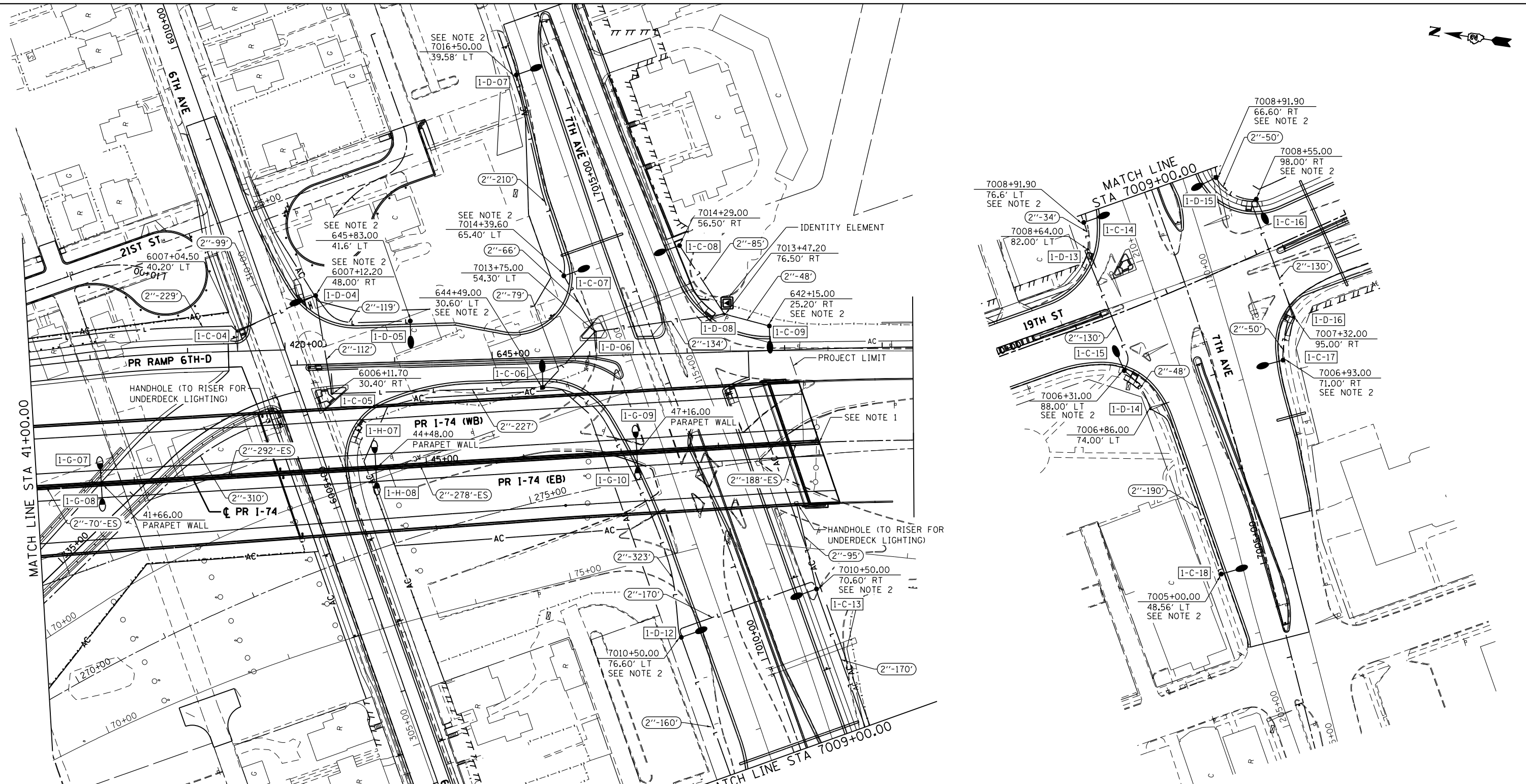
FILE NAME =	D2CONAB-AB-sh-t-light400.dgn
USER NAME =	
DESIGNED -	GHT
DRAWN -	JLW
REVISOR -	
CHECKED -	GRR
DATE -	2/5/2016
REVISIONS -	
DATE -	
REVISIONS -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
7TH AVE**

SCALE: AS NOTED SHEET NO. 4 OF 29 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1HVBR	ROCK ISLAND	1504	500
CONTRACT NO. 64C08				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. CAP AND SEAL CONDUIT FOR CONTINUATION BY OTHERS UNDER THE ADJACENT CONTRACT.
 2. PROVIDE AND INSTALL BREAKAWAY COUPLINGS WITH ALUMINUM SKIRT.
 3. UNDERGROUND LIGHTING INFRASTRUCTURE AT 7TH AVE. AND 19TH ST. SHALL BE INSTALLED DURING PRE-STAGE WORK. POLES AND LUMINAIRES AT THIS LOCATION SHALL BE INSTALLED IN 2018 WHEN AVAILABLE FROM THE SUPPLY CONTRACTORS.

benesch
engineers · scientists · planners

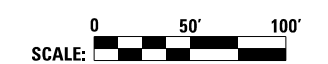
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10064

FILE NAME = D2CONAB-AB-sh-1gh1400.dgn	USER NAME =	DESIGNED - GHT	REVISED -
PLOT SCALE = AS NOTED	CHECKED - GRR	DRAWN - JLW	REVISED -
PLOT DATE = 1/30/2017	DATE - 2/5/2016		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
MAINLINE & RAMPS**

SCALE: AS NOTED SHEET NO. 7 OF 29 SHEETS STA. 41+00 TO STA. 56+00



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(81-1)R & 81-1)HVR	ROCK ISLAND	1504	503
CONTRACT NO. 64C08			ILLINOIS FED. AID PROJECT	