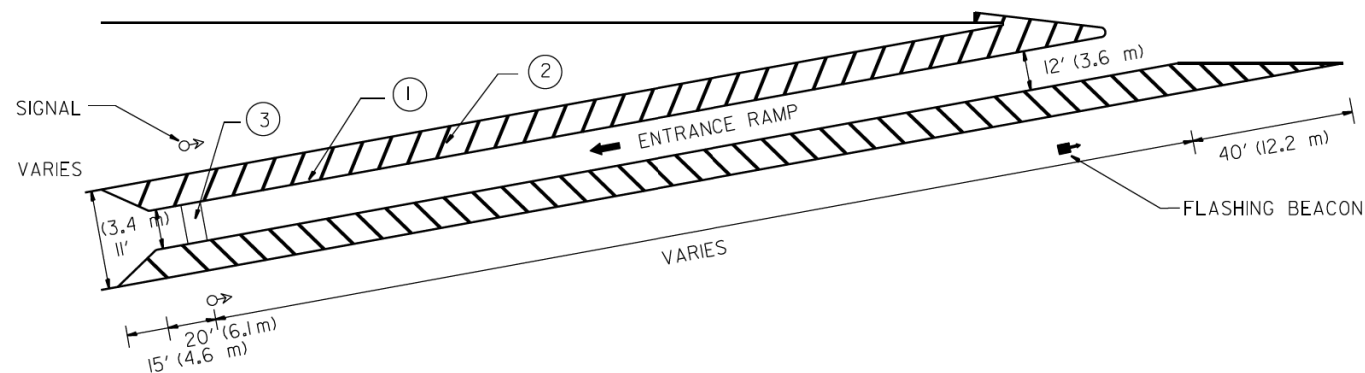


FRONTAGE ROAD



PAVIMENT MARKING

- ① 12' (305 mm) WHITE CHANNEL MARKINGS
- ② 8' (203 mm) WHITE CROSS-HATCHING AT 10' (3.05 m) INTERVALS
- ③ 24' (609 mm) WHITE STOP BAR CENTERED BETWEEN SIGNALS

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DEPARTMENT OF TRANSPORTATION  
TRAFFIC SYSTEMS CENTER

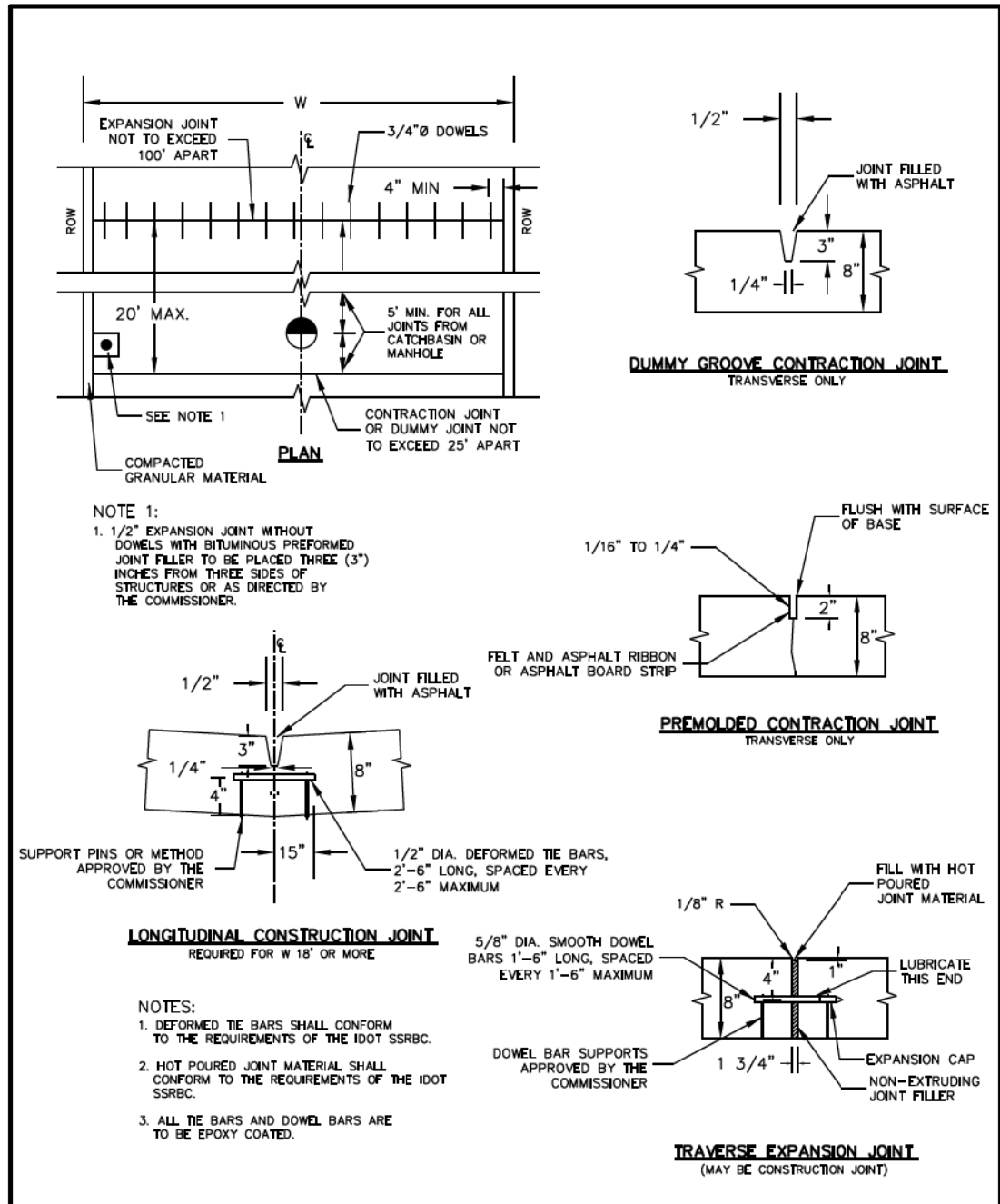
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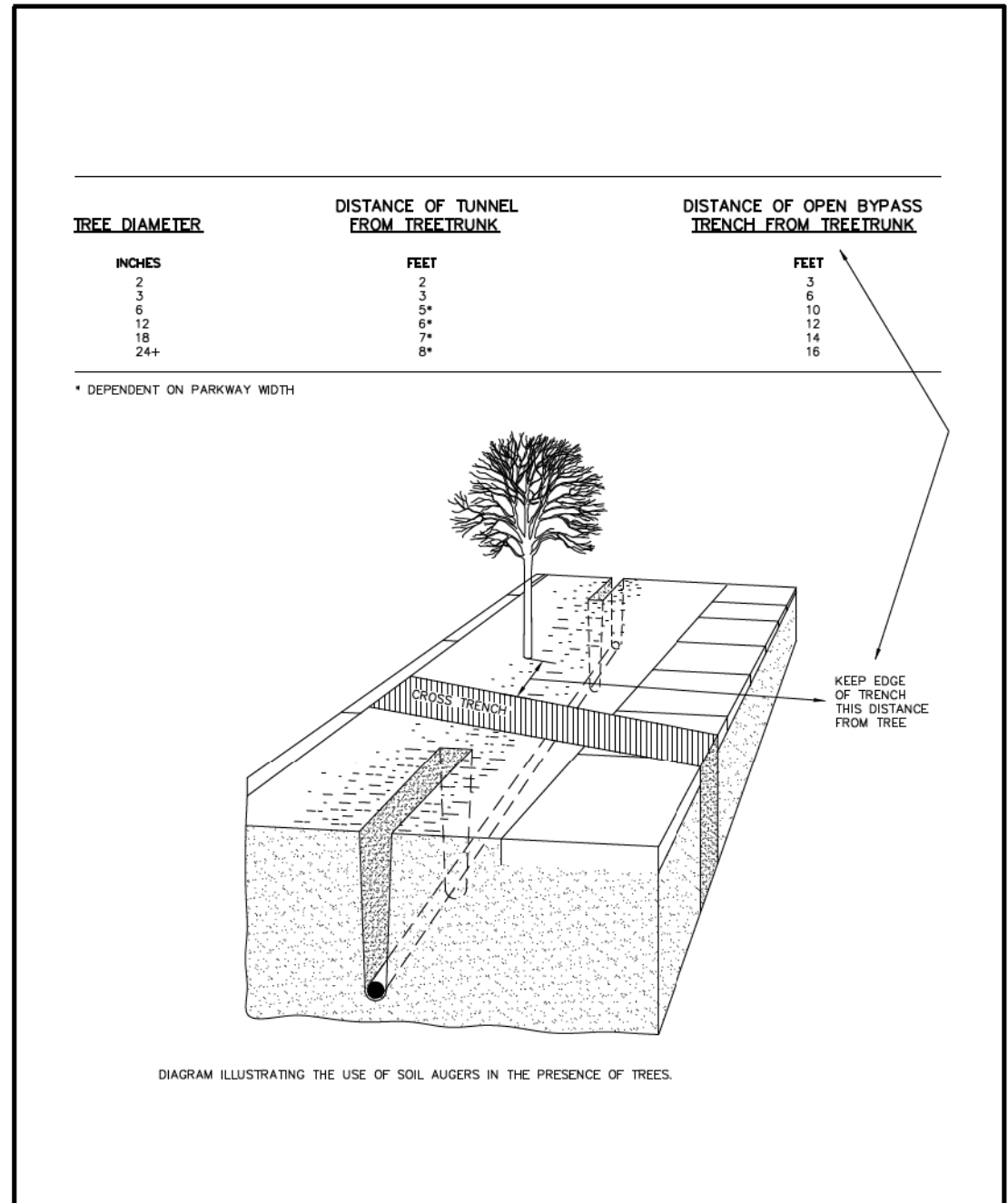
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CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	PORTLAND CEMENT CONCRETE ALLEY		
	DATE	SHEET	DRAWN BY		
	12/21/06	A-2-9	CDOT		



	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	TRENCH GUIDELINES FOR INSTALLATION OF UNDERGROUND UTILITIES ADJACENT TO TREES		
	DATE	SHEET	DRAWN BY		
	01/11/07	A-5-3	CDOT		



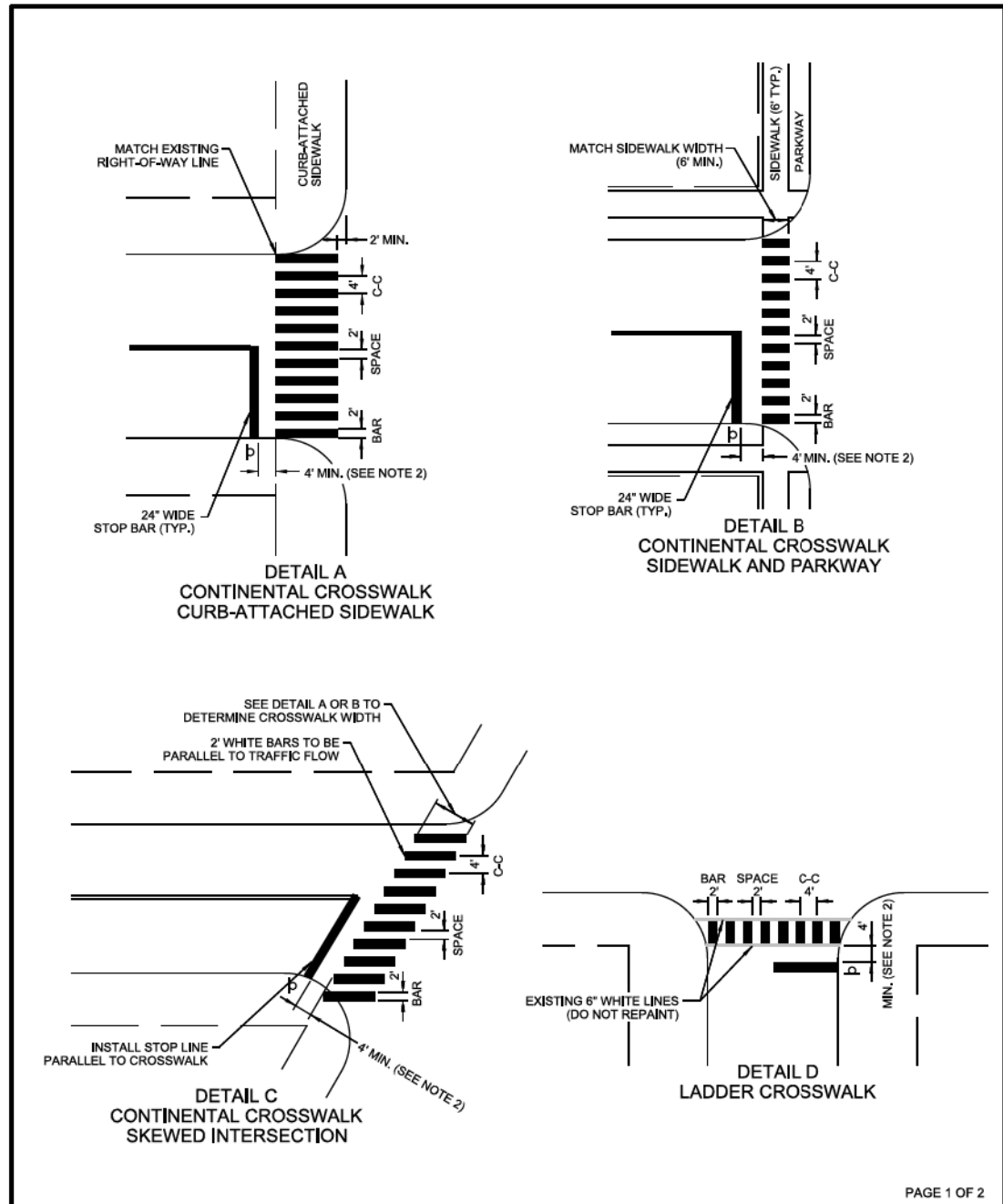
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CHICAGO DEPARTMENT OF TRANSPORTATION STANDARDS			
SCALE: NONE	SHEET 1 OF 10 SHEETS	STA.	TO STA.

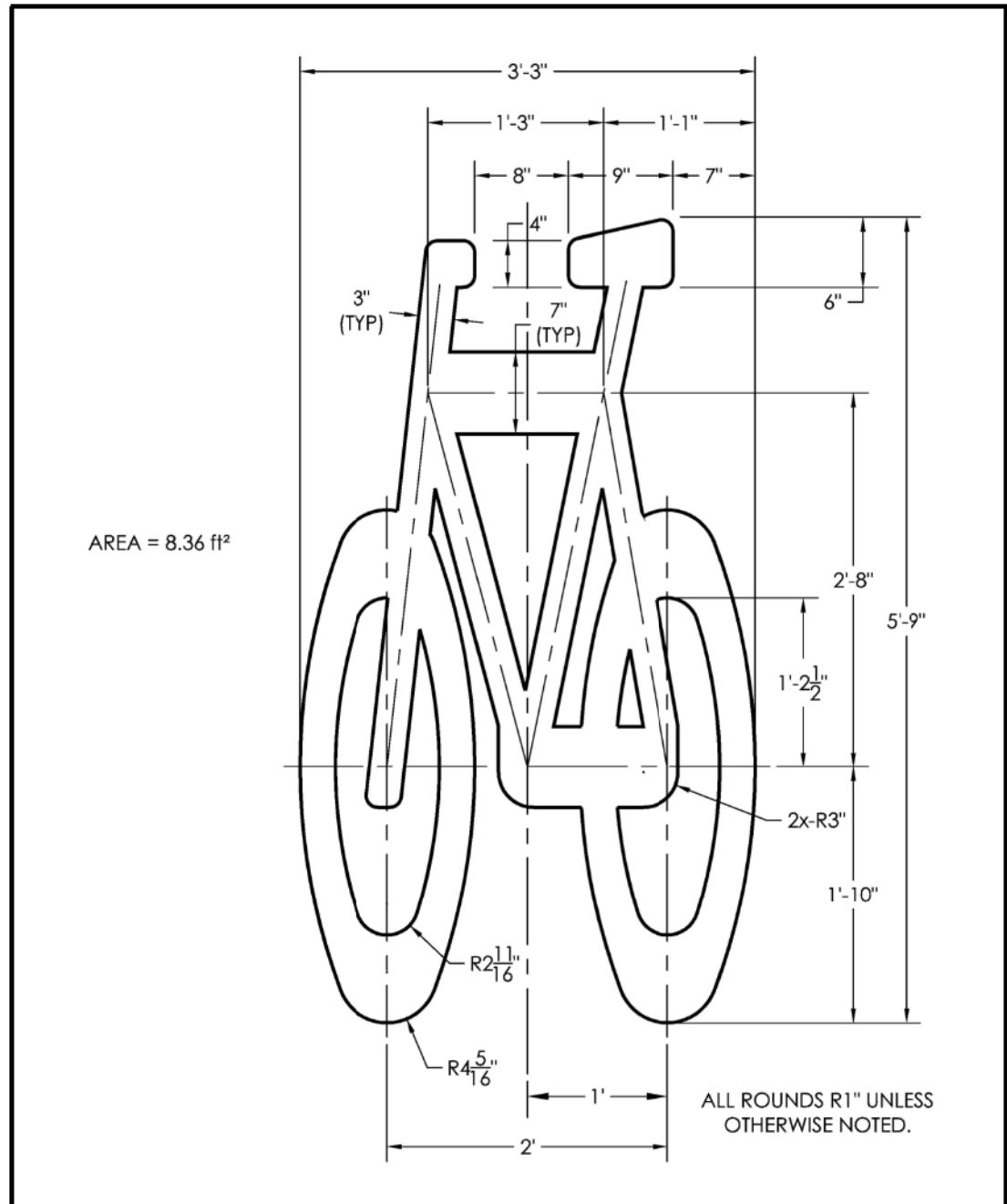
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CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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PAGE 1 OF 2

<p>CHICAGO DEPARTMENT OF TRANSPORTATION</p>	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	CROSSWALK MARKING DETAIL		
			DATE	SHEET	DRAWN BY
			06/25/12	A-7-1A	CDOT



<p>CHICAGO DEPARTMENT OF TRANSPORTATION</p>	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	6' BIKE SYMBOL		
			DATE	SHEET	DRAWN BY
			06/25/12	A-7-2	CDOT



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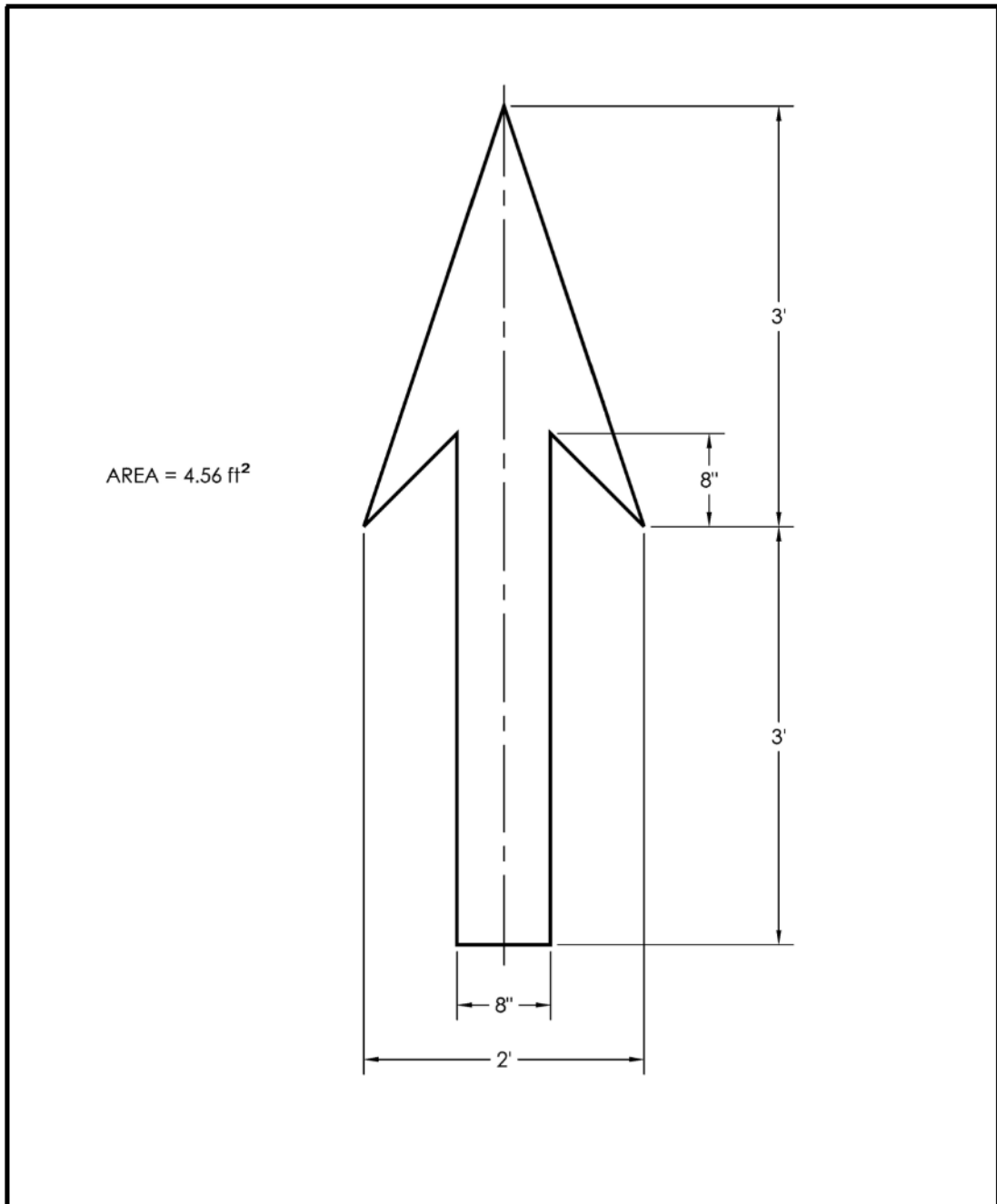
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CHICAGO DEPARTMENT OF TRANSPORTATION  
STANDARDS

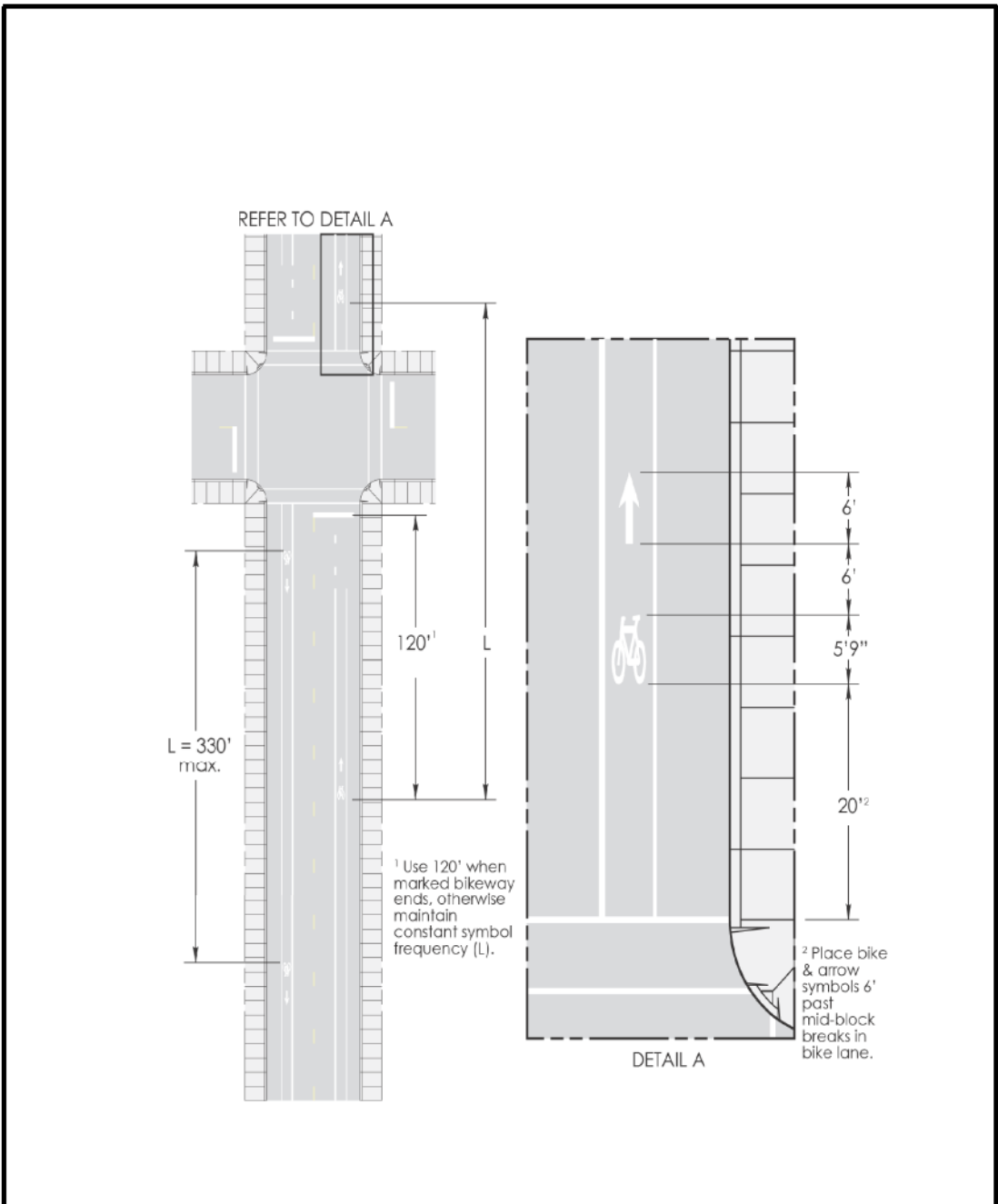
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ILLINOIS FED. AID PROJECT				

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 CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	BIKE ARROW		
			DATE	SHEET	DRAWN BY
		06/25/12	A-7-4	CDOT	



 CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	BIKE AND ARROW SYMBOL SPACING		
			DATE	SHEET	DRAWN BY
		09/02/05	A-7-10	CDOT	



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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

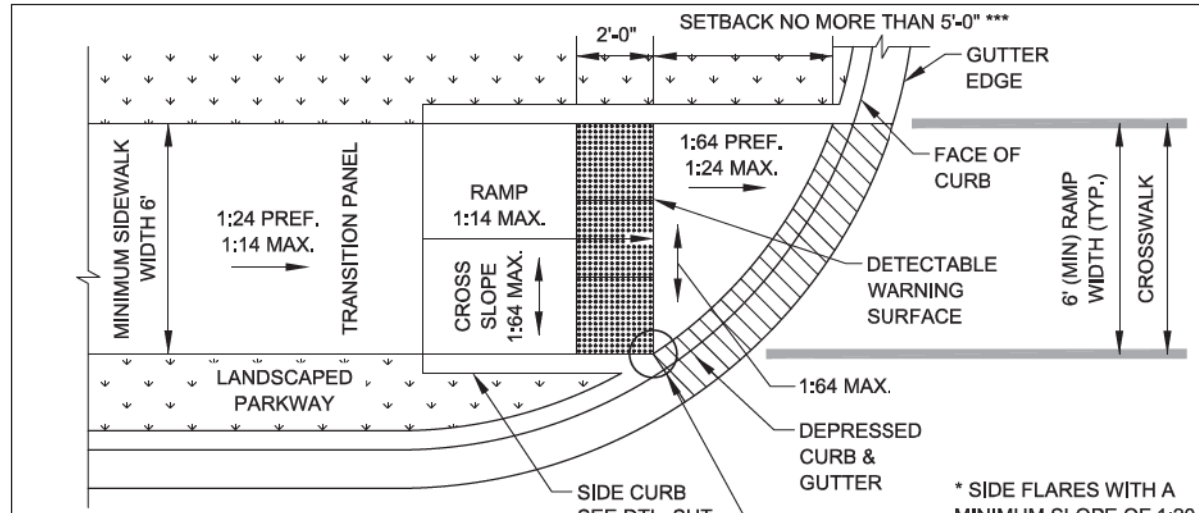
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CHICAGO DEPARTMENT OF TRANSPORTATION  
STANDARDS

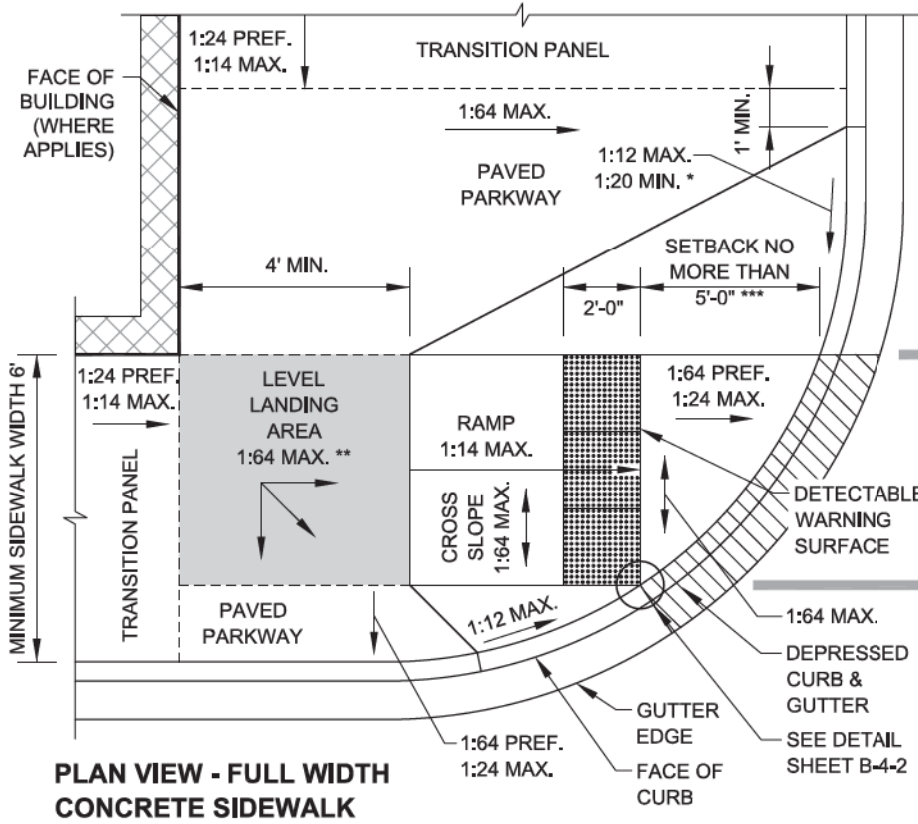
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	604
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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**PLAN VIEW - SIDEWALK THROUGH PARKWAY**

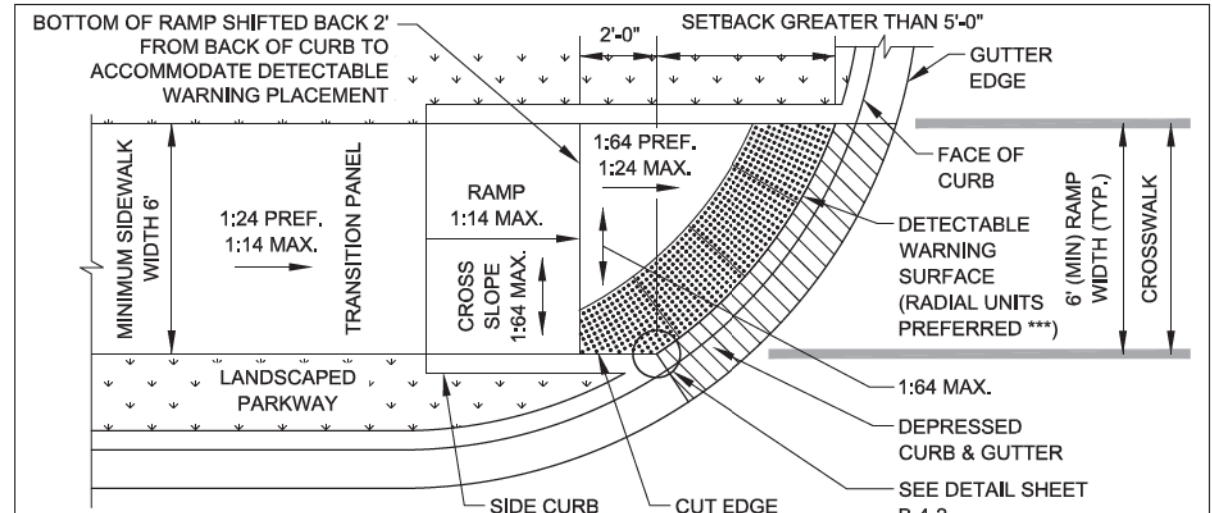


**PLAN VIEW - FULL WIDTH CONCRETE SIDEWALK**

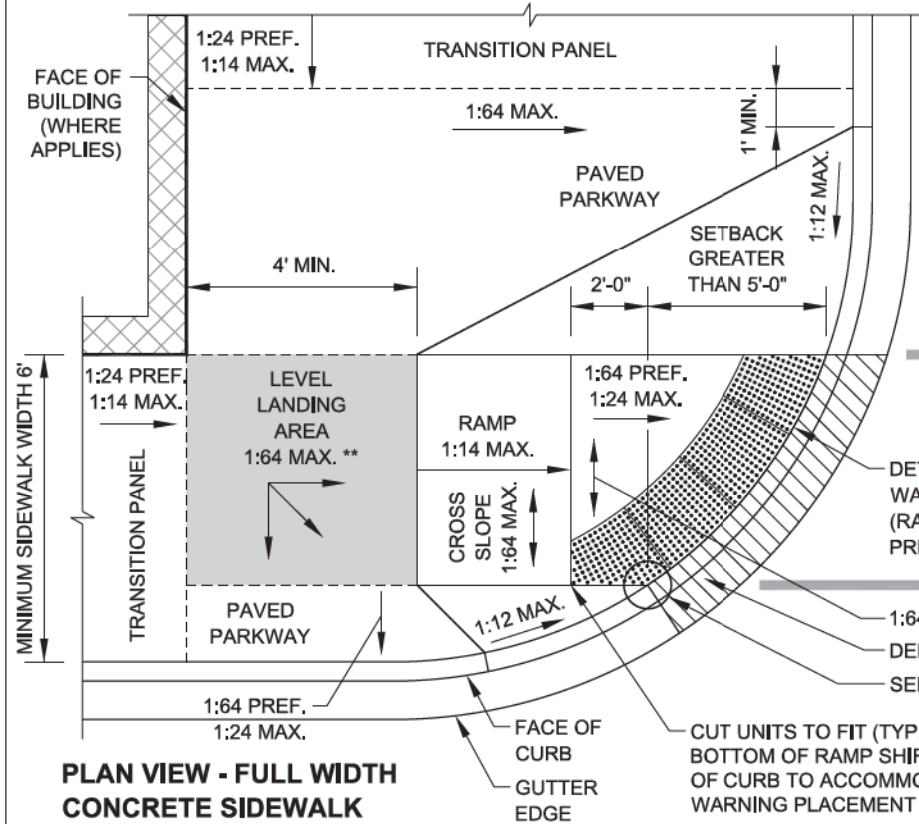
\* SIDE FLARES WITH A MINIMUM SLOPE OF 1:20 (MEASURED PARALLEL TO CURB) ARE NECESSARY FOR DETECTION BY THE BLIND AND VISUALLY IMPAIRED AT PAVED PARKWAYS WHERE DETECTABLE WARNING IS SET BACK FROM BACK OF CURB (TO BE POSITIONED PERPENDICULAR TO THE PATH OF TRAVEL). WHERE RAMP AND SIDE FLARE SLOPES ARE NOT NECESSARY TO CONNECT STREET AND SIDEWALK, THE DETECTABLE WARNING MUST FIT BACK OF CURB (SIMILAR TO SHEETS B-1-7 THRU B-1-9).

\*\* LEVEL LANDING AREA REQUIRED WHERE SIDEWALKS INTERSECT AT TOP OF RAMP.

\*\*\* REFER TO DTL. SHT. B-1-5 WHERE DETECTABLE WARNING SETBACK EXCEEDS 5'-0".



**PLAN VIEW - SIDEWALK THROUGH PARKWAY**



**PLAN VIEW - FULL WIDTH CONCRETE SIDEWALK**

\* REFER TO NOTE #3 ON SHEET B-3-2 FOR ADDITIONAL INFORMATION WHEN CUTTING UNITS IS NECESSARY

\*\* LEVEL LANDING AREA REQUIRED WHERE SIDEWALKS INTERSECT AT TOP OF RAMP

\*\*\* SECTIONS OF STRAIGHT UNITS MAY BE USED WHERE RADIAL UNITS ARE UNAVAILABLE FOR THE GIVEN CURB RADIUS



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO  
 PERPENDICULAR RAMP AT CORNER  
 IN CURB RADIUS WITH SINGLE CROSSING  
**SHEET B-1-4**  
 SCALE: NOT TO SCALE  
 DATE: 10/23/2006  
 DRAWN BY: CDOT  
 CHECKED BY: LCM



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO  
 PERPENDICULAR RAMP AT CORNER IN CURB RADIUS  
 WITH DETECTABLE WARNING SETBACK GREATER  
 THAN 5'  
**SHEET B-1-5**  
 SCALE: NOT TO SCALE  
 DATE: 10/23/2006  
 DRAWN BY: CDOT  
 CHECKED BY: LCM



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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

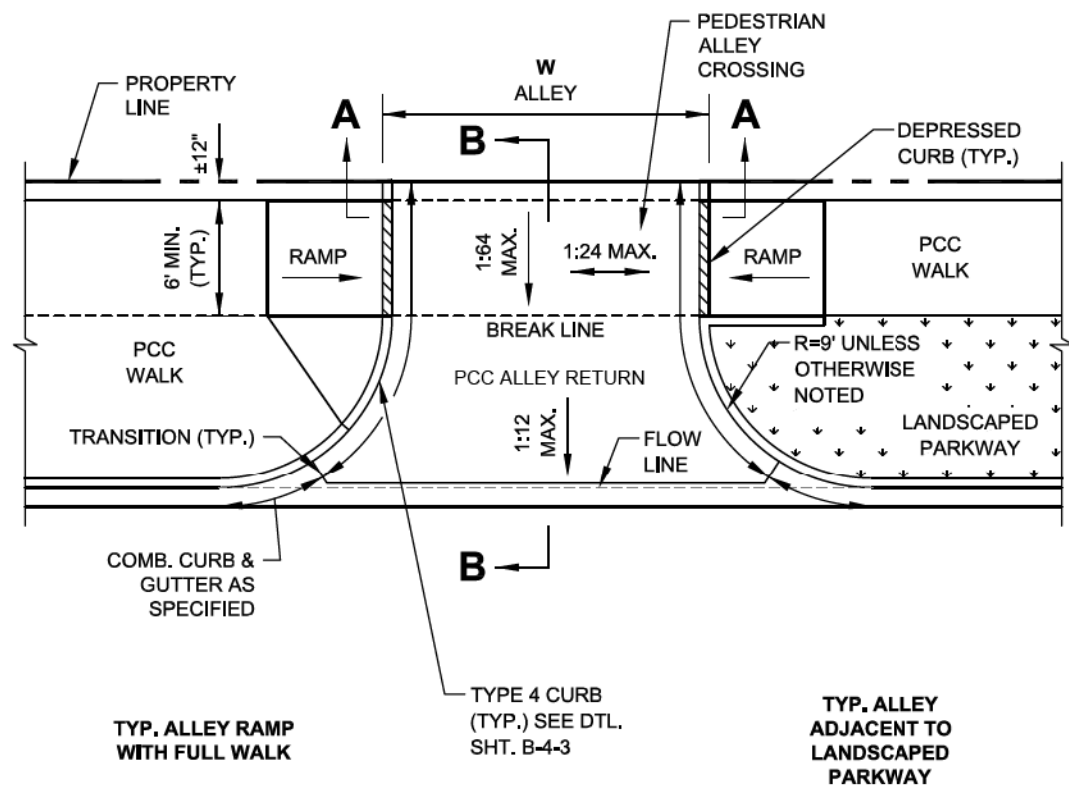
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CHICAGO DEPARTMENT OF TRANSPORTATION  
 STANDARDS

F.A.I. RTE. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 605
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

**NOTES:**

- A. DETECTABLE WARNING IS NOT REQUIRED AT ALLEY RETURNS.
- B. RAMP DETAILS ARE DEPENDENT UPON SITE SPECIFIC CONDITIONS (WHERE RAMP ARE NECESSARY), SEE APPROPRIATE RAMP SHEET AS REQUIRED (TYP.).
- C. SEE DETAIL B-2-5 FOR REDUCED WIDTH (4' MIN.) PEDESTRIAN ACCESSIBLE ROUTE ACROSS ALLEY / DRIVEWAY (TO ALLOW FOR ADDITIONAL SLOPE AT ALLEY / DRIVEWAY).



**PLAN VIEW**

**NOTE:**  
WORK THIS SHEET WITH SHEET B-2-2.



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

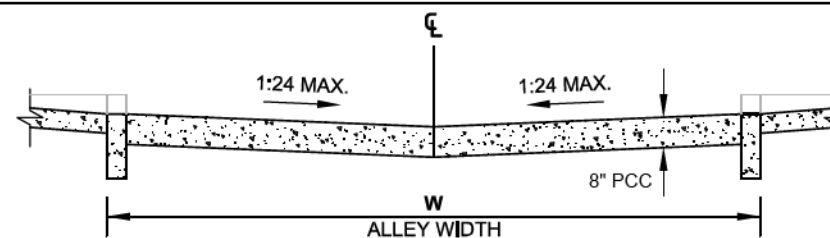
**CITY OF CHICAGO  
ALLEY RETURN PLAN VIEW  
SHEET B-2-1**

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DATE: 10/23/2006

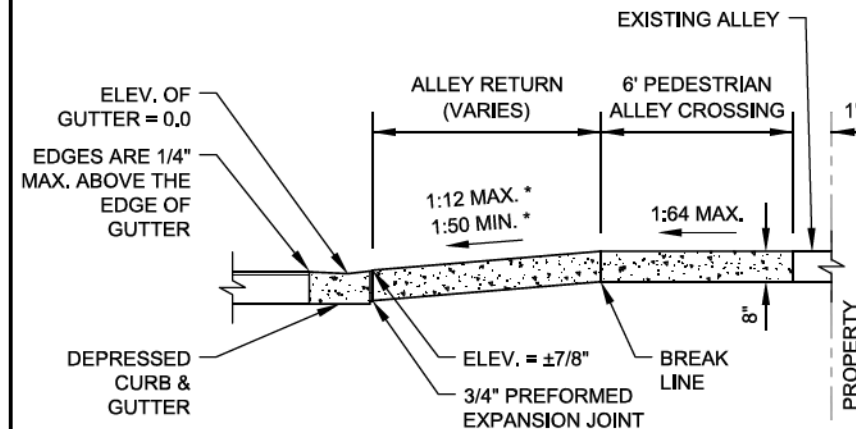
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**ALLEY RETURN NOTES:**

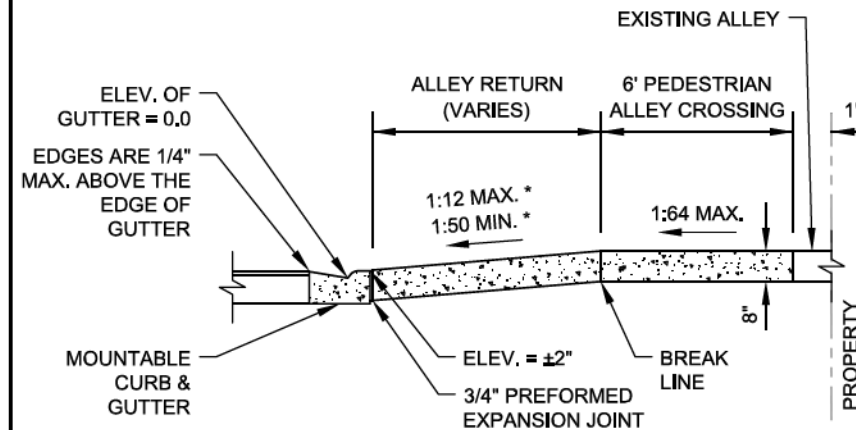
- A. WHEN A PORTION OF AN EXISTING PAVED ALLEY IS REMOVED TO ADJUST THE ALLEY PAVEMENT TO THE NEW GRADE, 3/4" PREFORMED EXPANSION JOINT MATERIAL SHALL BE PLACED ON THE PROPERTY LINE OTHERWISE THE JOINT IS OMITTED. THE COST OF FURNISHING AND PLACING THE 3/4" PREFORMED EXPANSION JOINT MATERIAL SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE ALLEY RETURN.
- B. SAWED JOINTS SHALL BE SEALED WITH A POURED MATERIAL MEETING THE REQUIREMENTS OF SECTION 1050 OF THE SSRBC.
- \* SLOPE VARIES AND IS NOT GOVERNED BY ADA
- \*\* THE SLOPE OF THE ALLEY IN THE 1' SPACE ADJACENT TO THE PROPERTY LINE MAY BE ALTERED UP TO 10% TO MEET EXISTING CONDITIONS



**SECTION A-A: CROSS SECTION AT PROPERTY LINE**



**SECTION B-B: LONGITUDINAL SECTION SHOWING DEPRESSED CURB & GUTTER**



**SECTION B-B: LONGITUDINAL SECTION SHOWING MOUNTABLE CURB & GUTTER**

**NOTE:**  
WORK THIS SHEET WITH SHEET B-2-1.



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

**CITY OF CHICAGO  
ALLEY RETURN SECTIONS  
SHEET B-2-2**

SCALE: NOT TO SCALE  
DATE: 10/23/2006

DRAWN BY: CDOT  
CHECKED BY: GK

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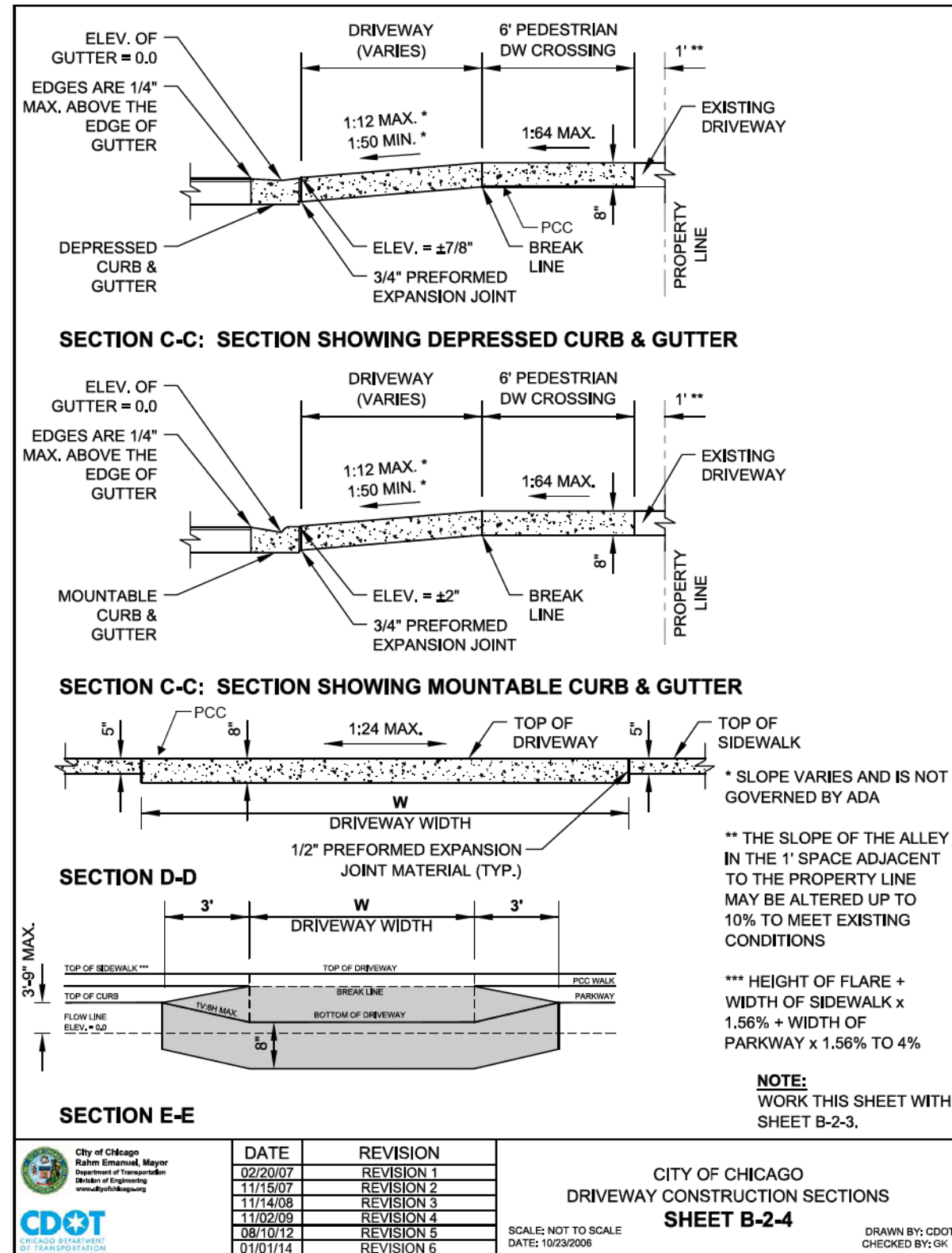
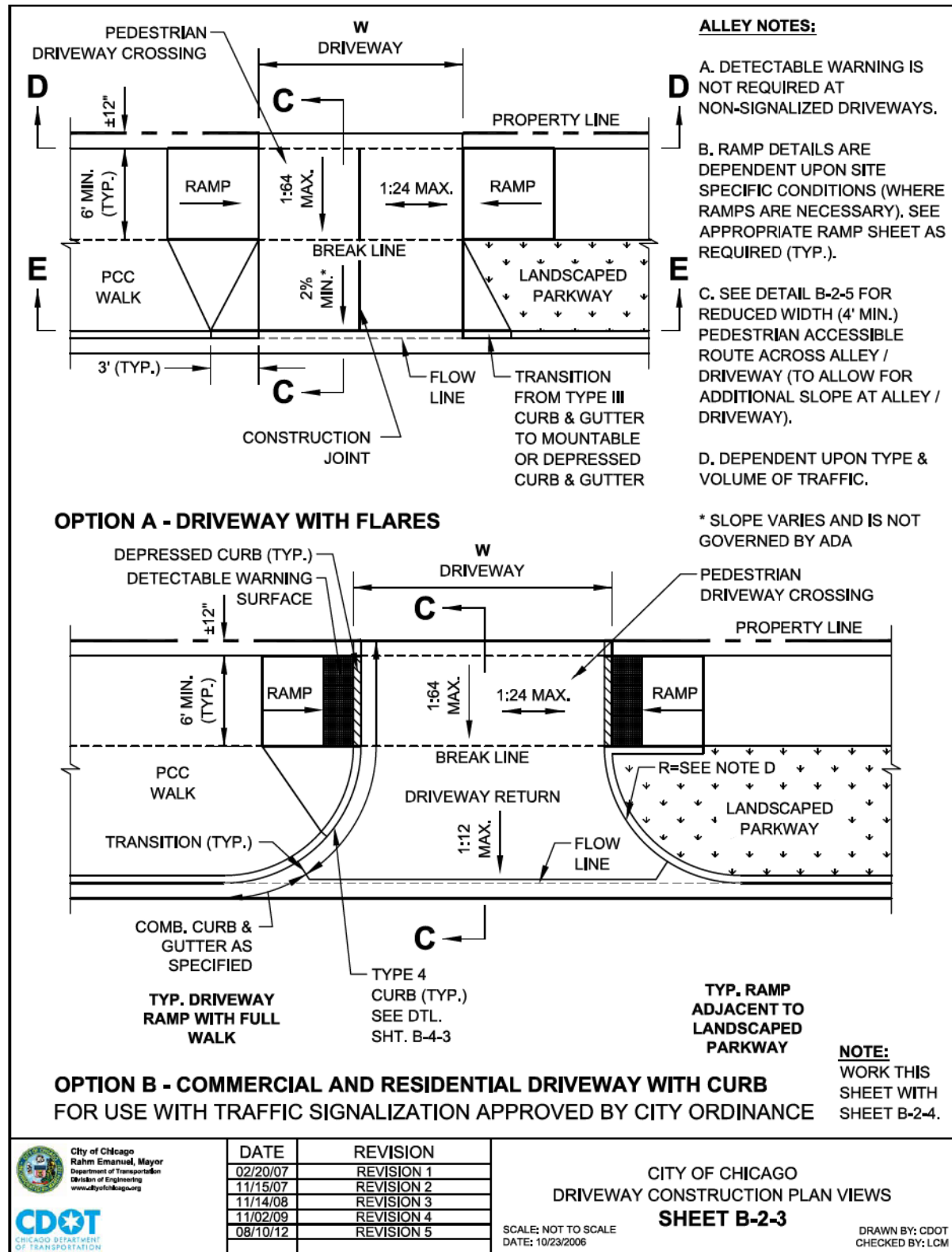
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CHICAGO DEPARTMENT OF TRANSPORTATION  
STANDARDS**

SCALE: NONE SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	606
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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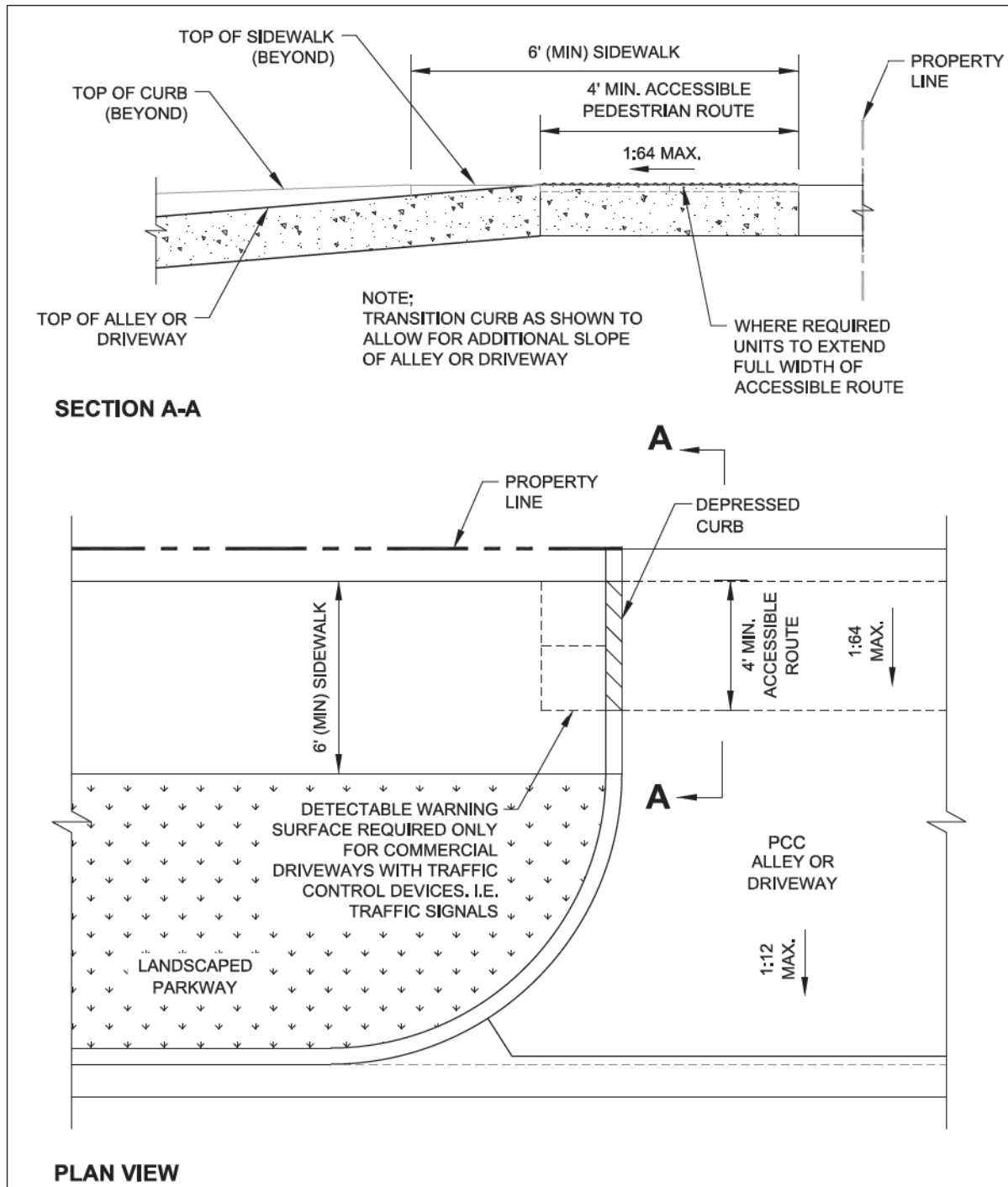
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CHICAGO DEPARTMENT OF TRANSPORTATION  
STANDARDS

SCALE: NONE SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 607
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

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 City of Chicago Rahm Emanuel, Mayor Department of Transportation Division of Engineering www.cityofchicago.org   CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO ALLEY & DRIVEWAY DETAIL FOR REDUCED WIDTH PEDESTRIAN ACCESS ROUTE  <b>SHEET B-2-5</b> SCALE: NOT TO SCALE DATE: 10/23/2006 DRAWN BY: CDOT CHECKED BY: GK
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	11/02/09	REVISION 4	
	08/10/12	REVISION 5	
01/01/14	REVISION 6		

- GENERAL NOTES:**
1. THE DETECTABLE WARNING USED SHALL BE CHOSEN FROM THE CHICAGO DEPARTMENT OF TRANSPORTATION LIST OF APPROVED DETECTABLE WARNING PRODUCTS (AVAILABLE ON THE CITY OF CHICAGO WEBSITE). IT IS NOT ACCEPTABLE TO INSTALL TWO DIFFERENT DETECTABLE WARNING PRODUCTS ADJACENT TO ONE ANOTHER AT ANY LOCATION. IN THE CENTRAL BUSINESS DISTRICT, GRANITE OR OTHER SPECIALTY PAVING MATERIALS MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL.
  2. THE DETECTABLE WARNING MUST BE INSTALLED A MAXIMUM OF 8" OR LESS FROM FACE OF CURB (SEE DETAIL SHEET B-4-2).
  3. THE DETECTABLE WARNING MUST COVER FULL WIDTH OF RAMP EXCLUDING SIDE FLARES FOR A MINIMUM UNOBSTRUCTED DEPTH OF 24". THE DETECTABLE WARNING LOCATED ON THE SURFACES OF RAMPS IS TYPICALLY ORIENTED PERPENDICULAR TO THE RUN OF THE RAMP UNLESS SPECIAL CIRCUMSTANCES OCCUR (SEE DETAIL SHEET B-1-5). THE DETECTABLE WARNING MUST BE PROVIDED FOR A MINIMUM DEPTH OF 24" FOR THE ENTIRE LENGTH OF THE SIDEWALK WHERE THE SIDEWALK IS FLUSH WITH THE STREET (DEPRESSED CURB OR FLUSH TRANSITION). IF IT IS NECESSARY TO CUT A UNIT(S) IN THE PROVISION OF A COMPLIANT RAMP OR SIDEWALK WITH 24" MINIMUM DEPTH OF DETECTABLE WARNING, THE UNITS SHALL BE CUT IN A NEAT AND WORKMAN LIKE MANNER PER MANUFACTURER'S REQUIREMENTS WITH A MINIMUM OF THREE PINS OR ANCHOR POINTS (WHERE APPLICABLE). THE UNITS SHALL BE ARRANGED SO THAT THE CUT UNITS ARE LARGE ENOUGH TO BE PROPERLY AND ADEQUATELY SECURED. CUT UNITS SHALL NOT BE USED UNLESS ALL OTHER DESIGN OPTIONS HAVE BEEN EXHAUSTED. THE USE OF SALVAGE PIECES FROM UNITS THAT ARE CUT WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE COMMISSIONER. CUT UNIT SALVAGE PIECES NOT APPROVED FOR USE MUST BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
  4. WHERE APPLICABLE, A COMBINATION OF STRAIGHT AND RADIAL DETECTABLE WARNING UNITS MAY BE USED ON COMPOUND AND LARGE RADII. CONTRACTOR MUST MAKE THIS DETERMINATION AND VERIFY IN FIELD.
  5. THE DETECTABLE WARNING MUST CONTRAST WITH ADJACENT PAVEMENT. IF LIGHT COLORED PAVEMENT IS USED THE DETECTABLE WARNING COLOR SHALL BE RED. IF A DARK COLORED PAVEMENT IS USED THE DETECTABLE WARNING COLOR SHALL BE YELLOW. CONTRACTOR TO VERIFY THAT PROPER CONTRAST IS OBTAINED.
  6. PRIOR TO PLACING CONCRETE FOR DEPRESSED CURBS, RAMPS, OR SIDEWALKS THE CONTRACTOR SHALL VERIFY THAT LAYOUT OR DESIGN COMPLIES WITH THE REQUIREMENTS OF THE CDOT ADA STANDARDS.
  7. RAMP WIDTH MUST BE A MINIMUM OF 6'-0" AND IN INCREMENTS OF 1'-0", EXCEPT WHEN USING THE PERPENDICULAR RAMP AT CORNER (OR OTHER SPECIAL CDOT APPROVED CONDITIONS), WHICH HAS A MINIMUM WIDTH OF 4'-0".
  8. THE MAXIMUM ALLOWABLE RAMP RUNNING SLOPE IS 1:14, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED. GRADE BREAKS AT THE TOP AND BOTTOM OF RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF RAMP RUN.
  9. THE MAXIMUM ALLOWABLE RAMP CROSS SLOPE IS 1:64, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED.
  10. THE MAXIMUM ALLOWABLE RAMP LANDING SLOPE IS 1:64, MEASURED AT ANY LOCATION AND IN ANY DIRECTION ON THE LANDING. THE RAMP LANDING WIDTH SHALL MATCH THE FULL WIDTH OF THE RAMP FOR A MINIMUM UNOBSTRUCTED DEPTH OF 4'-0". RAMP LANDINGS SHALL BE PROVIDED AT THE TOP AND/OR BOTTOM OF RAMPS WHERE TURNING IS REQUIRED.
  11. RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK. RAMP SIDE FLARES ARE NOT REQUIRED WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS LANDSCAPED OR IS OCCUPIED BY A BARRIER THAT BLOCKS PEDESTRIAN ACCESS. EXCEPTIONS TO THIS RULE MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL.

 City of Chicago Rahm Emanuel, Mayor Department of Transportation Division of Engineering www.cityofchicago.org   CHICAGO DEPARTMENT OF TRANSPORTATION	DATE	REVISION	CITY OF CHICAGO GENERAL NOTES  <b>SHEET B-3-2</b> SCALE: NOT TO SCALE DATE: 10/23/2006 DRAWN BY: CDOT CHECKED BY: LCM
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	11/14/08	REVISION 3	
	11/02/09	REVISION 4	
	08/10/12	REVISION 5	



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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CHICAGO DEPARTMENT OF TRANSPORTATION STANDARDS</b>			
SCALE: NONE	SHEET 7	OF 10 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	608
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



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**GENERAL NOTES (CONTINUED):**

12. UTILITIES, SUCH AS LIGHT POLES, TRAFFIC POLES AND HYDRANTS, MAY BE LOCATED IN THE FLARE OF THE RAMP BUT ARE NOT ALLOWED ON THE RAMP SURFACE OR LANDING AREAS. EXISTING UTILITY STRUCTURE LIDS MAY REMAIN WITHIN THE FLARE OR ON THE SURFACE OF THE RAMP IF THE REQUIREMENTS OF GENERAL NOTE #19 ARE MET.
13. ALL LOCATIONS WITH TYPE 4 OR TYPE B CURB (EXCEPT ALLEY APRONS) SHALL BE CONSTRUCTED AS CURB AND GUTTER TYPE BV.12 THROUGH THE LIMITS OF THE CORNER AND THE CURB RAMPS.
14. ALTERATIONS SHALL NOT DECREASE THE ACCESSIBILITY TO EXISTING FACILITIES, SIDEWALKS LEADING TO EXISTING FACILITIES, OR DOOR OR GATE ACCESS POINTS TO FACILITIES. THE ELEVATION AT THE EXISTING PROPERTY LINE OR FACILITY ACCESS POINT SHALL BE MAINTAINED AT A MINIMUM. ANY ALTERATIONS ADJACENT TO OR AFFECTING A FACILITY ACCESS POINT SHALL RESULT IN IMPROVED ACCESS OR AT A MINIMUM A REPLICATION OF EXISTING CONDITIONS, INCLUDING SIDEWALK SLOPES AND SURFACE CONDITIONS. FACILITIES INCLUDE, BUT ARE NOT LIMITED TO PRIVATE BUSINESSES, PUBLIC BUILDINGS, RESIDENCES, BUS STOPS, PUBLIC BENCHES, PAY PHONES, AND PARKING METERS.
15. THE MINIMUM CROSSWALK WIDTH IS 6'-0". CROSSWALKS SHALL BE LOCATED AS SHOWN IN THE PLAN SHEETS DEPENDING ON THE TYPE OF CURB RAMP USED. BEYOND THE CURB FACE AT THE BASE OF CURB RAMPS, A CLEAR SPACE OF 4'-0" BY 4'-0" MINIMUM SHALL BE PROVIDED WITHIN THE STRIPES OF THE CROSSWALK (WHERE PROVIDED).
16. IF SIDEWALK AND ALLEY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED. IF SIDEWALK AND DRIVEWAY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED BUT DETECTABLE WARNING UNITS ARE STILL REQUIRED IF THE DRIVEWAY HAS TRAFFIC CONTROL DEVICES (I.E. TRAFFIC SIGNALS).
17. MAIN LINE SIDEWALK SHALL HAVE A MAXIMUM CROSS SLOPE NOT TO EXCEED 1:64 FOR THE FULL WIDTH OF WALK UNLESS OTHERWISE APPROVED BY THE COMMISSIONER. WHERE TURNING IS REQUIRED AND WHERE SIDEWALKS INTERSECT, THE SLOPE OF THE SIDEWALK SHALL NOT EXCEED 1:64 IN ANY DIRECTION.
18. MAIN LINE SIDEWALK RUNNING SLOPES SHALL NOT EXCEED 1:24 OR THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET, WHICH EVER IS HIGHER.
19. THERE SHALL BE NO VERTICAL LEVEL DIFFERENCES BETWEEN SURFACES GREATER THAN 1/4" ON THE MAIN LINE SIDEWALK. THERE SHALL BE NO HORIZONTAL GAPS OR OPENINGS GREATER THAN 1/2" ON THE MAIN LINE SIDEWALK.
20. WHERE OBSTRUCTIONS EXIST ON THE MAINLINE SIDEWALK, THE CLEAR WIDTH OF USEABLE SIDEWALK SHALL NOT BE LESS THAN 4'-0". OBSTRUCTIONS INCLUDE, BUT ARE NOT LIMITED TO SIDEWALK BENCHES, FIRE HYDRANTS, SIGNAL OR LIGHT POLES, NEWSPAPER DISPENSERS, TRASH RECEPTACLES, AND UTILITY PEDESTALS.
21. CURB RAMPS AND LANDING (KEYSTONE) TO BE CONSTRUCTED WITH 8" THICK CONCRETE AT ALL TRAFFIC SIGNALIZED INTERSECTIONS AND INDUSTRIAL STREET INTERSECTIONS. AT ALL OTHER LOCATIONS, 5" THICK CONCRETE TO BE USED.
22. DEPRESSED CURB, RAMP, OR SIDEWALK DESIGNS OR LAYOUTS SHALL MAINTAIN OR IMPROVE EXISTING DRAINAGE AND THE EXISTING INTERSECTION GEOMETRY SHALL NOT BE MODIFIED WITHOUT CDOT APPROVAL.
23. ALL CONSTRUCTION DOCUMENTS MUST BE STAMPED BY A LICENSED ARCHITECT/LANDSCAPE ARCHITECT/ ENGINEER TO CERTIFY THAT THEY ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.
24. NO DEVIATIONS FROM THESE STANDARDS ARE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO  
 GENERAL NOTES (CONTINUED)  
**SHEET B-3-3**  
 SCALE: NOT TO SCALE  
 DATE: 10/23/2006  
 DRAWN BY: CDOT  
 CHECKED BY: GK

**ADA COMPLIANCE AND TRANSITION GUIDELINES**

POLICY STATEMENT: ANY ALTERATION OF THE PUBLIC WAY MUST BE RESTORED IN AN ADA COMPLIANT MANNER

**I. STREET/ALLEY RESTORATION**

- FOR ANY PROJECT WHERE, WITHIN THE PROJECT LIMITS, A CROSSWALK IS ENCOUNTERED OR WHERE THE PROJECT LIMITS TERMINATE WITHIN 4' OR LESS OF A CROSSWALK, THOSE CROSSWALKS AND THE ASSOCIATED CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A.)
- WHEN A PROJECT CALLS FOR ONLY AN INTERSECTION TO BE REPAVED, THE INTERSECTION LIMITS AS DEFINED BY THE AREA OUTLINED BY OUTERMOST CROSSWALK LINES AND ADJACENT CURB FACES AND ALL ADJOINING CROSSWALKS AND CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A).
- WHEN WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE CURB RAMP MUST BE IMPROVED TO CURRENT ADA STANDARDS AND THE ADJACENT PAVEMENT MUST BE RESURFACED, AS NECESSARY TO PROVIDE FOR A FLUSH TRANSITION (SEE APPENDIX A).
- WHEN ADA WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE ADJACENT PAVEMENT MUST BE RESTORED TO THE 1/4-POINT OF THE ROADWAY.
- FOR ANY CONSTRUCTION WHERE, WITHIN THE PROJECT LIMITS, AN ALLEY APRON IS ENCOUNTERED, THE ASSOCIATED CURB RAMPS, ALLEY APRON, AND SIDEWALKS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A).

**II. SIDEWALK INSTALLATION / REPAIRS / RECONSTRUCTION**

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, THAT ABUT AN EXISTING RAMP, KEYSTONE, TRANSITION PANEL, AND/OR LANDING AREA (THIS TOTAL LENGTH INCLUDES THE PRIOR ELEMENTS), SHALL BE EXTENDED TO INCLUDE THE AFFECTED RAMPS AND THESE RAMPS SHALL BE RECONSTRUCTED TO CURRENT ADA STANDARDS. IN ADDITION, ALL NEWLY PLACED SIDEWALK TEN FEET (10') OR MORE IN LENGTH SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT APPLICABLE STANDARDS WHICH INCLUDE PROVIDING A MINIMUM FOUR FEET (4') WIDTH ACCESSIBLE PATHWAY WITH A CROSS SLOPE NOT TO EXCEED 1:64 (SEE APPENDIX A).

**III. GUIDELINES FOR TRANSITIONING TO EXISTING NON-COMPLIANT CONDITION**

**NEW SIDEWALK PLACEMENTS GREATER THAN TEN FEET IN CONTIGUOUS LENGTH:**

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, MUST BE EXTENDED FOR A MINIMUM FIVE ADDITIONAL FEET (5') EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE LENGTH OF TRANSITION SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

**NEW SIDEWALK REPLACEMENTS TEN FEET OR LESS IN CONTIGUOUS LENGTH (REPAIRS):**

IT IS ACCEPTABLE PRACTICE TO MATCH ADJACENT SIDEWALKS AT THE EXISTING SLOPE.

**CURB RAMP REPLACEMENTS**

WHEN REPLACING AN ADA RAMP, THE SIDEWALK REPLACEMENT MUST EXTEND BEYOND THE LIMITS OF THE LANDING AREA AND/OR THE "KEYSTONE" A MINIMUM OF AN ADDITIONAL FIVE FEET (5') ON EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE TRANSITION PANEL SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION PANEL DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

NO EXCEPTIONS TO THE ABOVE WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO  
 ADA COMPLIANCE AND TRANSITION GUIDELINES  
**SHEET B-3-4**  
 SCALE: NOT TO SCALE  
 DATE: 10/23/2006  
 DRAWN BY: CDOT  
 CHECKED BY: GK



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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

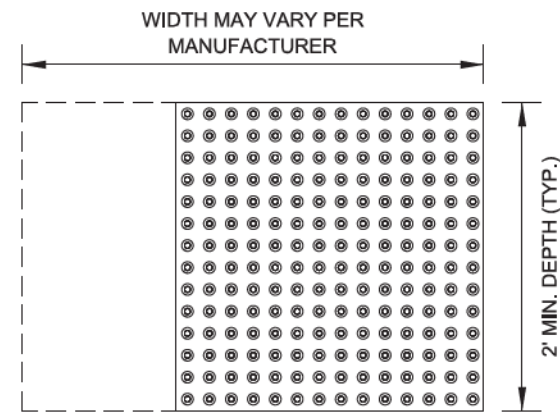
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CHICAGO DEPARTMENT OF TRANSPORTATION STANDARDS			
SCALE: NONE	SHEET 8	OF 10 SHEETS	STA. TO STA.

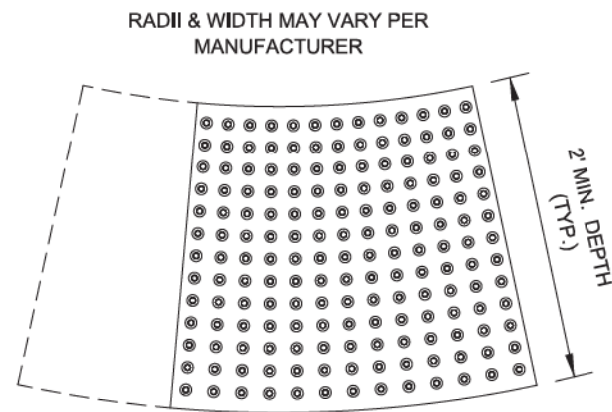
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90/94/290	2014-015R&B-R	COOK	825	609
CONTRACT NO. 60X94				ILLINOIS FED. AID PROJECT

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**STRAIGHT DETECTABLE WARNING UNITS**



**RADIAL DETECTABLE WARNING UNITS**



**DETECTABLE WARNING UNIT SIZES**

- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADIUS WITH THE PRODUCT MANUFACTURER.
- APPROVED LIST OF DETECTABLE WARNING PRODUCTS CAN BE FOUND ON CDOT'S WEBSITE ([www.cityofchicago.org](http://www.cityofchicago.org)).



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

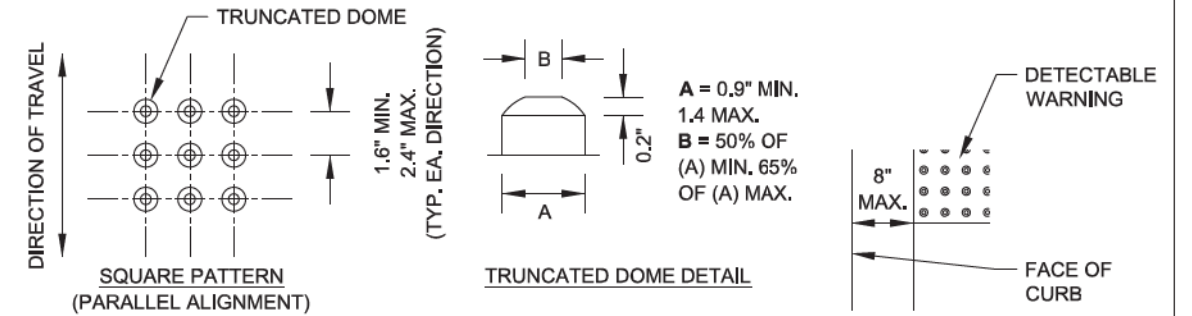
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DETECTABLE WARNING UNIT SIZES  
**SHEET B-4-1**

SCALE: NOT TO SCALE  
DATE: 10/23/2006

DRAWN BY: CDOT  
CHECKED BY: LCM

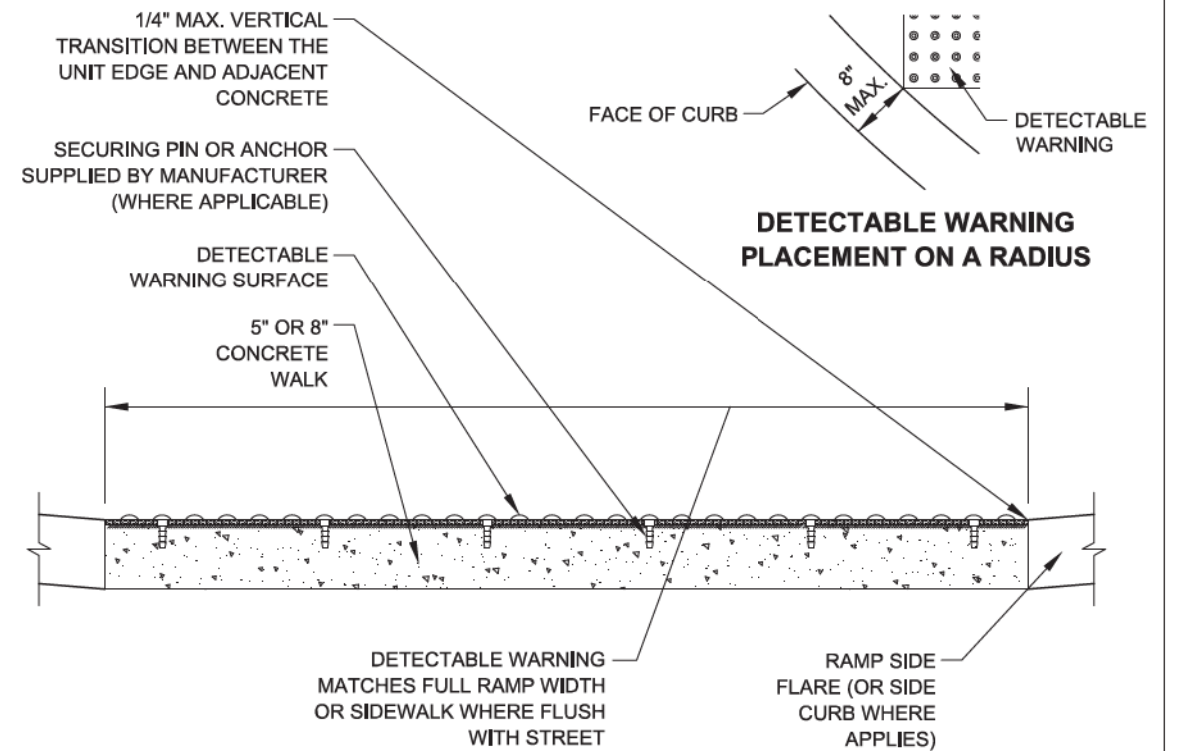
**GENERAL NOTE:**

THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.



**UNIT PATTERN & DOME DETAIL**

**TYPICAL DETECTABLE WARNING PLACEMENT**



**DETECTABLE WARNING UNIT SECTION**



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO  
DETECTABLE WARNING UNIT DETAILS  
**SHEET B-4-2**

SCALE: NOT TO SCALE  
DATE: 10/23/2006

DRAWN BY: CDOT  
CHECKED BY: LCM



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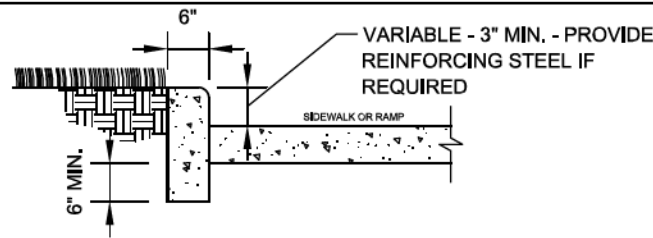
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DEPARTMENT OF TRANSPORTATION

CHICAGO DEPARTMENT OF TRANSPORTATION  
STANDARDS

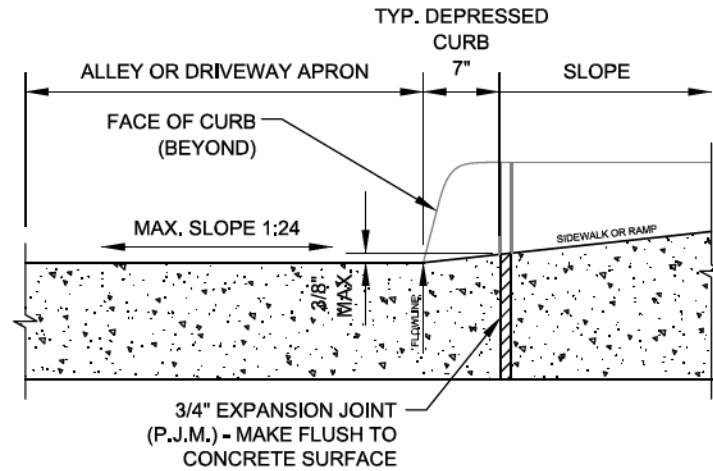
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	610
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

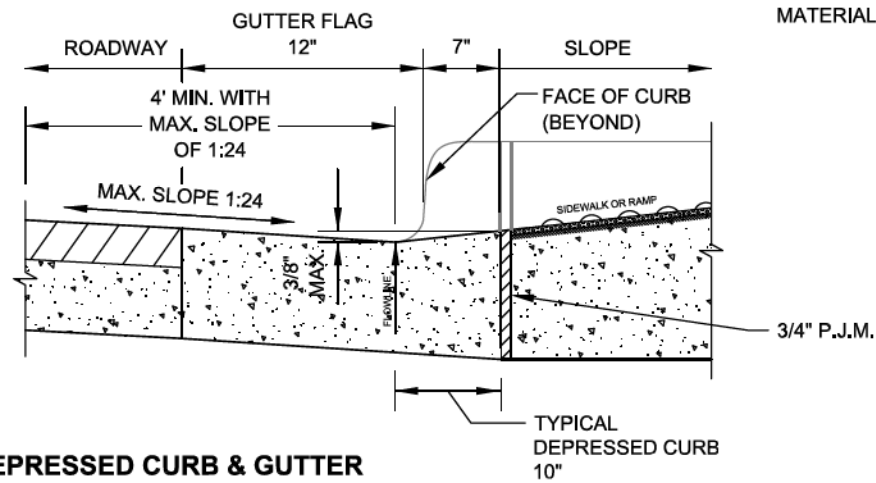
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**SIDE CURB - SECTION**



**DEPRESSED CURB & GUTTER AT ALLEY/DRIVEWAY APRON (TYPE 4 OR B CURB)**



**DEPRESSED CURB & GUTTER AT BOTTOM OF TYPICAL CURB RAMP**

**NOTES FOR CURB & GUTTER DETAILS THIS SHEET:**

A. CROSS SLOPE AT DEPRESSED CURB & GUTTER NOT TO EXCEED 1:64.

B. DETECTABLE WARNING SURFACE AT DRIVEWAYS REQUIRED ONLY FOR COMMERCIAL DRIVEWAYS WITH TRAFFIC CONTROL DEVICES, I.E. SIGNALS.

C. REFER TO REGULATIONS FOR OPENINGS, CONSTRUCTION AND REPAIR IN THE PUBLIC WAY (CDOT) FOR ADDITIONAL REQUIREMENTS FOR CURB AND GUTTER INSTALLATION.

D. RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR SIDE CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK.

E. 'P.J.M.' THIS SHEET REFERS TO PREFORMED JOINT MATERIAL.



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

**CITY OF CHICAGO CURB & GUTTER DETAILS SHEET B-4-3**

SCALE: NOT TO SCALE  
DATE: 10/23/2006

DRAWN BY: CDOT  
CHECKED BY: LCM



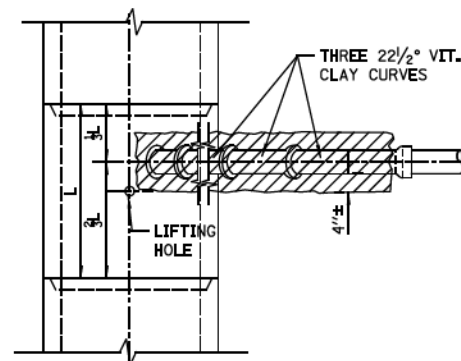
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**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

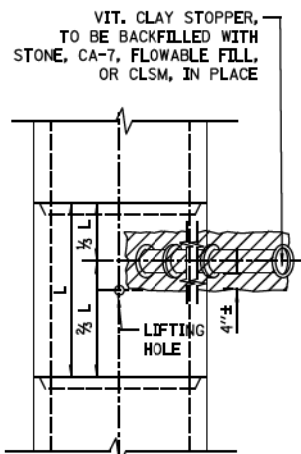
**CHICAGO DEPARTMENT OF TRANSPORTATION STANDARDS**

SCALE: NONE SHEET 10 OF 10 SHEETS STA. TO STA.

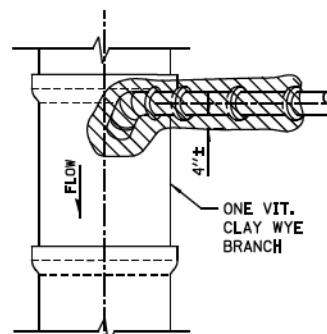
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CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



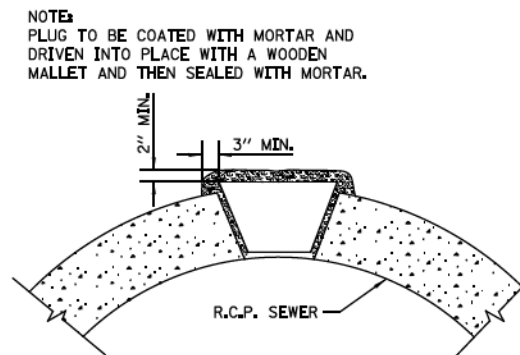
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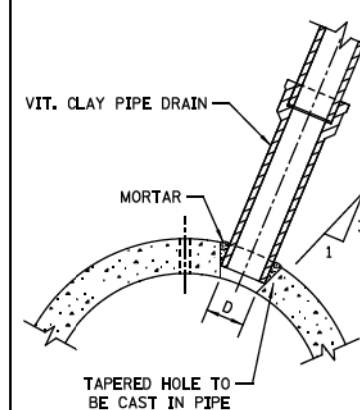
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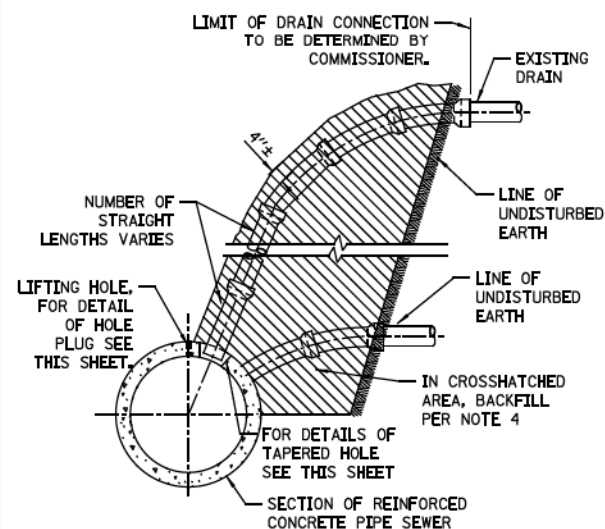


LIFTING HOLE PLUG DETAIL FOR CONCRETE PIPE

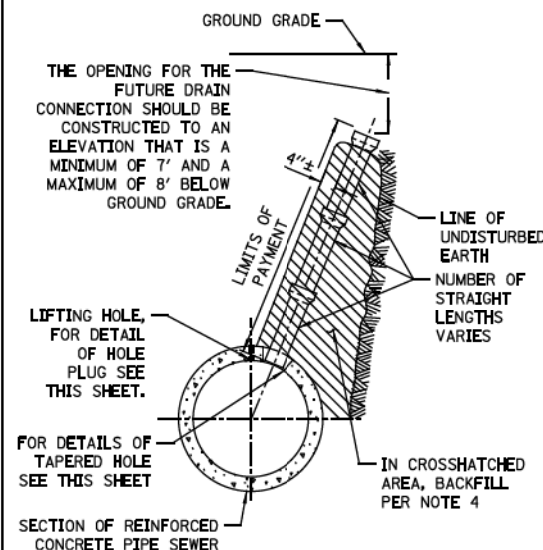


DETAIL OF TAPERED HOLE

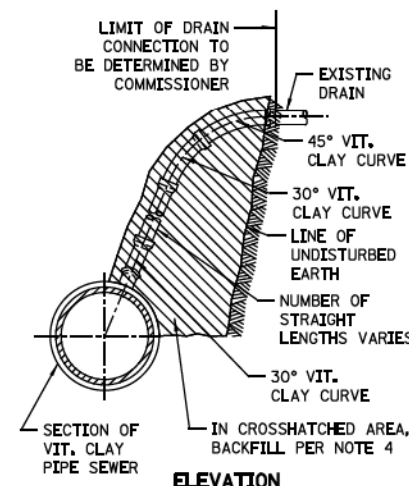
SIZE OF DRAIN	"D"
6"	6 1/8"
8"	9 1/8"
10"	11 1/8"
12"	13 1/2"
15"	17"
18"	20 1/4"
21"	23 3/8"



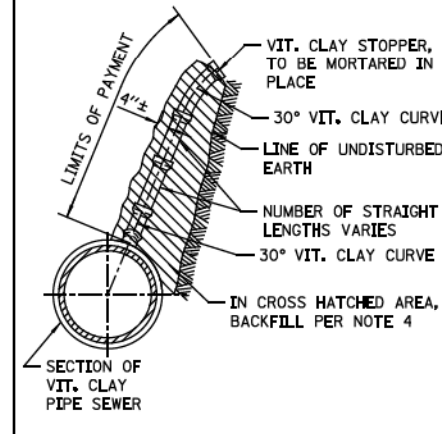
TYPICAL DRAIN CONNECTIONS FOR EXISTING DRAINS



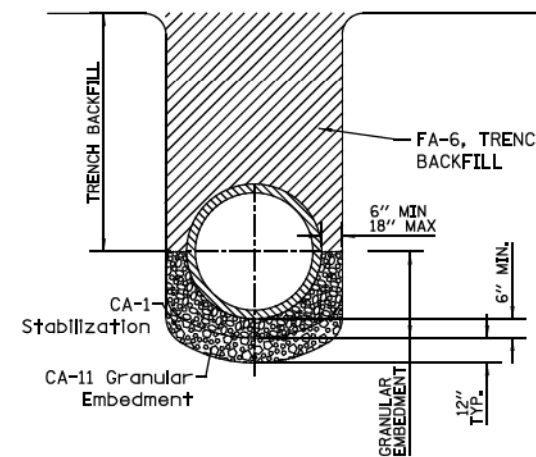
TYPICAL DRAIN STACKS FOR FUTURE USE



TYPICAL DRAIN CONNECTIONS FOR EXISTING DRAINS



TYPICAL DRAIN STACKS FOR FUTURE USE



NOTE:  
 1. FOR TRENCH BACKFILL, USE FA-6 SAND, CRUSHED CONCRETE SAND OR STONE SAND.  
 2. FOR GRANULAR EMBEDMENT, USE CA-11, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.  
 3. 12" OF CA-1 STONE IS ONLY REQUIRED WHEN UNSTABLE MATERIAL IS ENCOUNTERED AT TRENCH BOTTOM.

SEWER TRENCH DETAIL

- NOTES:  
 1. ALL DRAIN CONNECTION JOINTS MUST BE MADE AS SPECIFIED IN SPECIFICATIONS.  
 2. FOR DUCTILE IRON PIPE DRAIN CONNECTIONS SEE SHEET NO. A.2.  
 3. FOR ALL GRANULAR EMBANKMENT, USE CA-7 OR CA-11  
 4. FOR BACKFILL OF HATCHED SUPPORT AREAS, USE CONCRETE, CA-11, FLOWABLE FILL, OR CLSM.

STANDARD REVISIONS	
DATE	DESCRIPTION
2/24/15	APPROVED PLAN

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		DRAWN BY CHECKED BY REVIEWED BY	A.1
VITRIFIED CLAY PIPE DRAIN CONNECTIONS			

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CDWM\_Details.dwg 8/5/2015 10:14:12 AM



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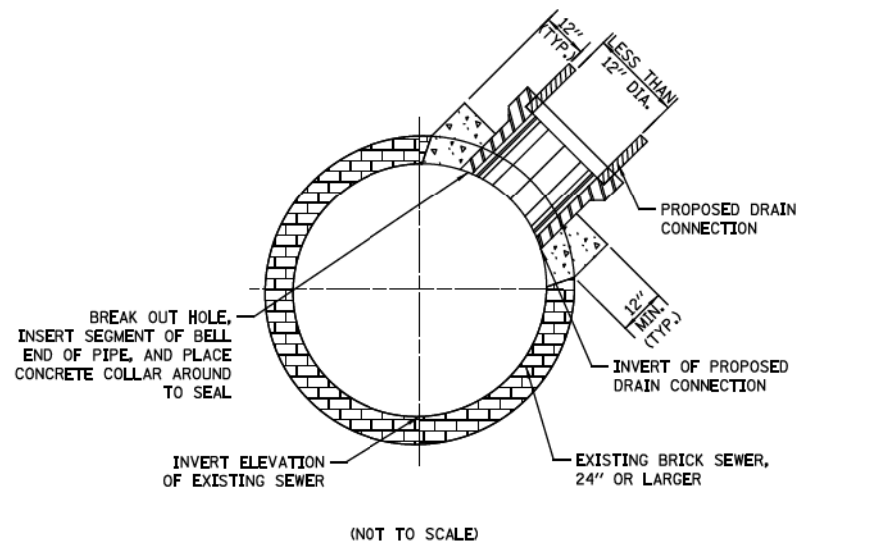
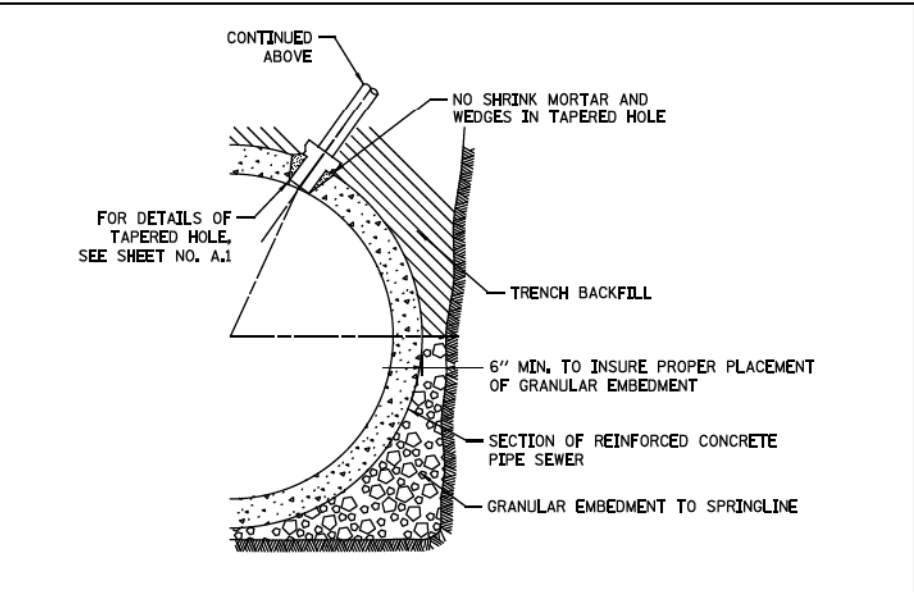
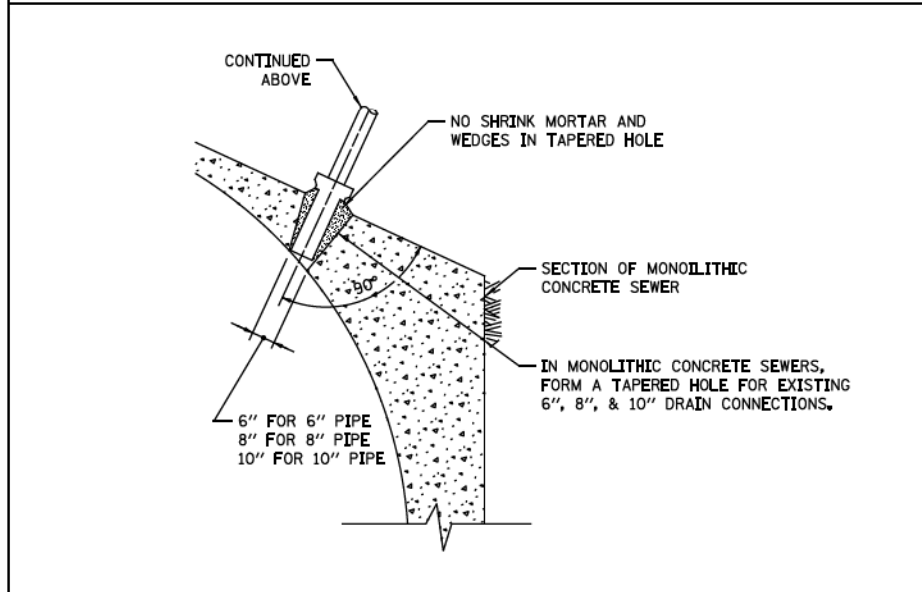
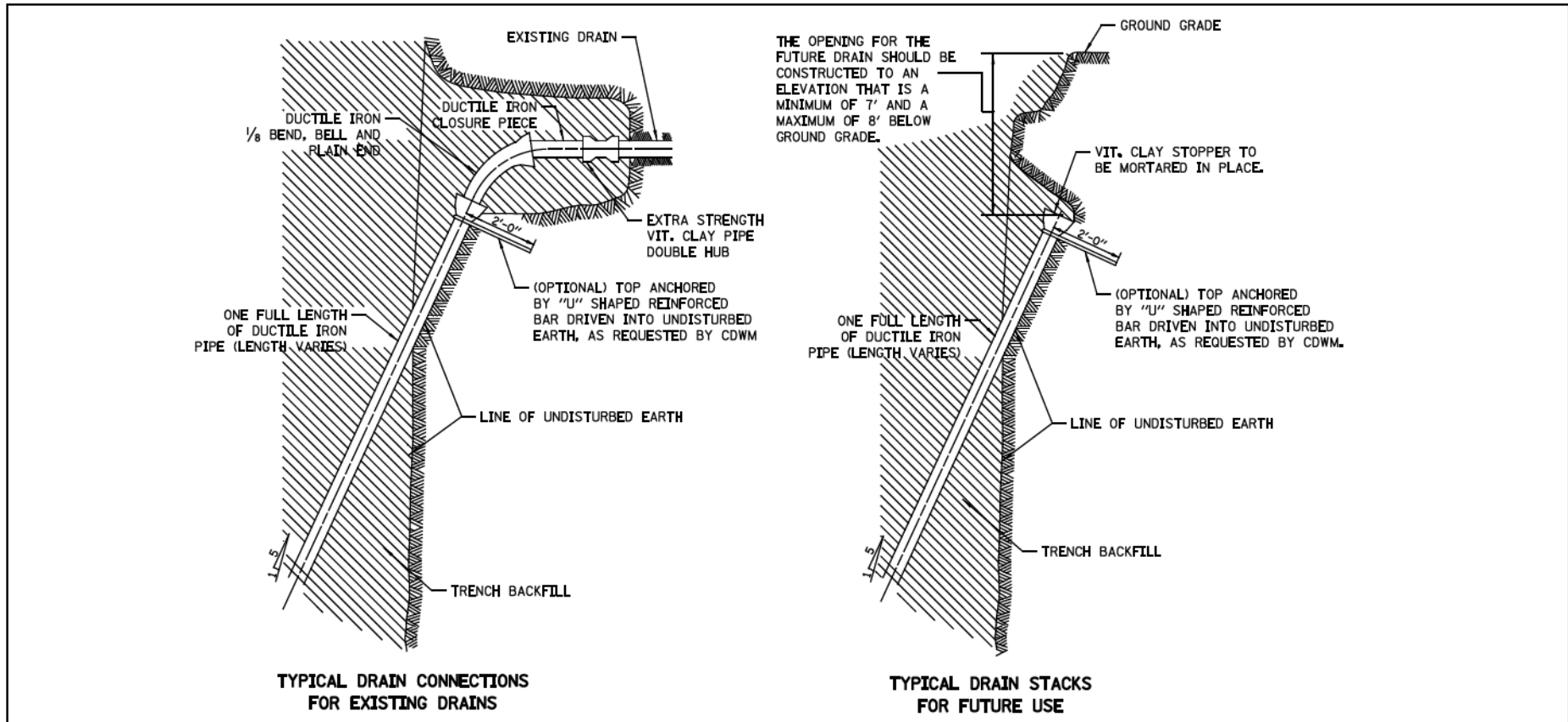
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS  
CHICAGO DEPARTMENT OF WATER MANAGEMENT

SCALE: NONE SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 612
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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FOR MONOLITHIC CONCRETE SEWERS

FOR REINFORCED CONCRETE PIPE SEWERS

FOR BRICK SEWERS

DUCTILE IRON PIPE DRAIN CONNECTIONS

BRICK SEWER DRAIN CONNECTIONS

- NOTES:
1. DUCTILE IRON PIPE MUST BE BELL END WITH PUSH-ON JOINTS CONFORMING TO ANSI SPECIFICATIONS A21.51 WITH CLASS 52 THICKNESS.
  2. CONNECTIONS AND STACKS SHOWN MUST BE USED FOR 6", 8", & 10" DRAINS ONLY.
  3. FOR VITRIFIED CLAY PIPE DRAIN CONNECTION AND DRAIN STACK CONSTRUCTION, SEE SHEET NO. A.1.
  4. FOR TRENCH BACKFILL, USE FA-6 SAND, CRUSHED CONCRETE SAND, OR STONE SAND.
  5. FOR GRANULAR EMBEDMENT, USE CA-11, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.

\$FILE\$  
\$DATE\$

STANDARD REVISIONS	
DATE	DESCRIPTION
1/5/15	APPROVED PLAN

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		DRAWN: CHECKED: REVIEWED: A.2
DUCTILE IRON PIPE DRAIN CONNECTIONS		___ OF ___ PN ___



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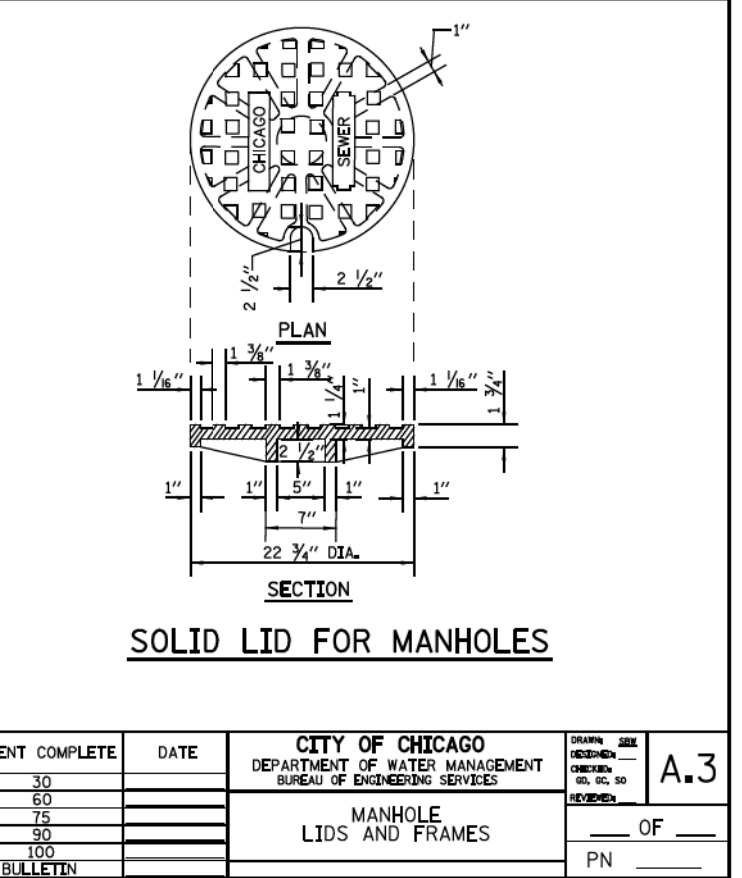
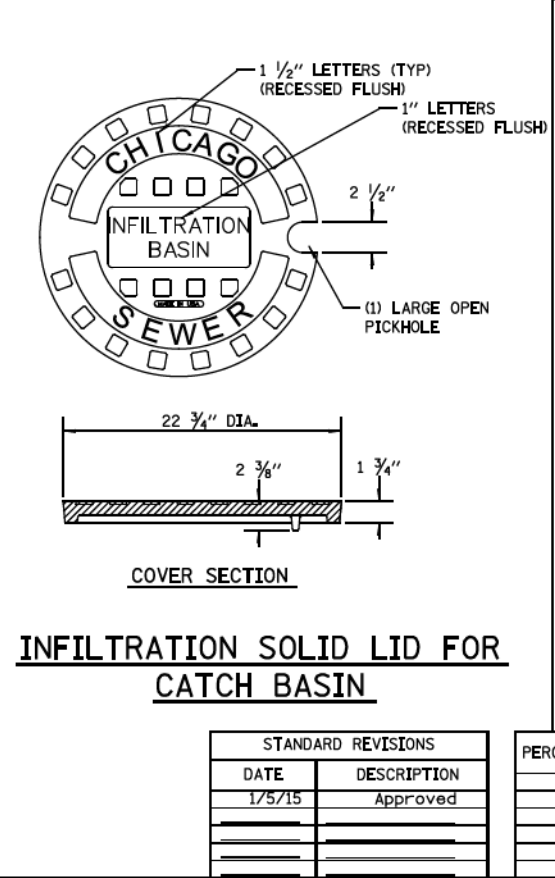
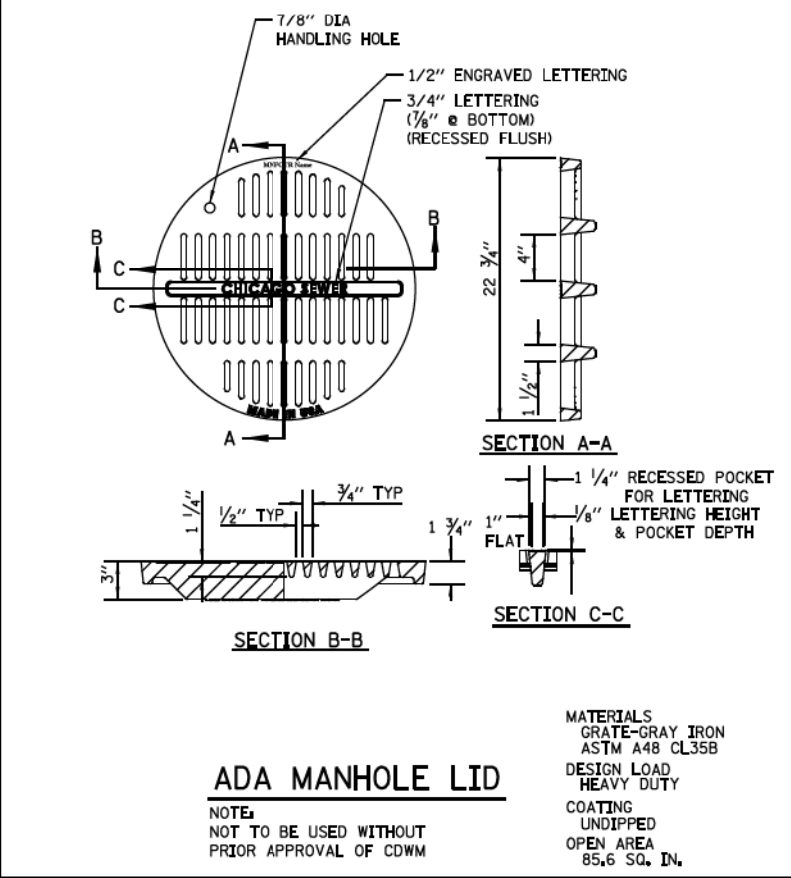
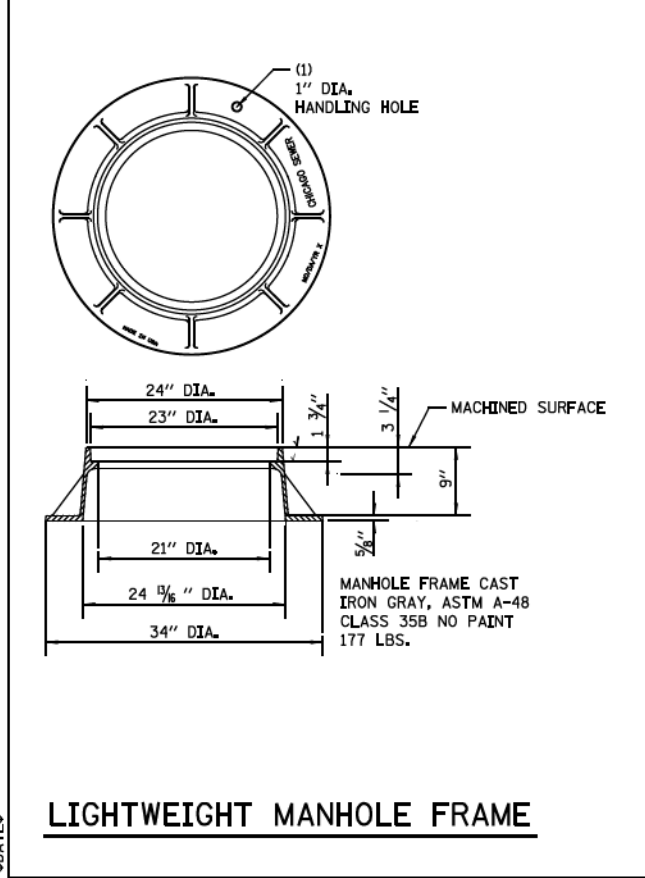
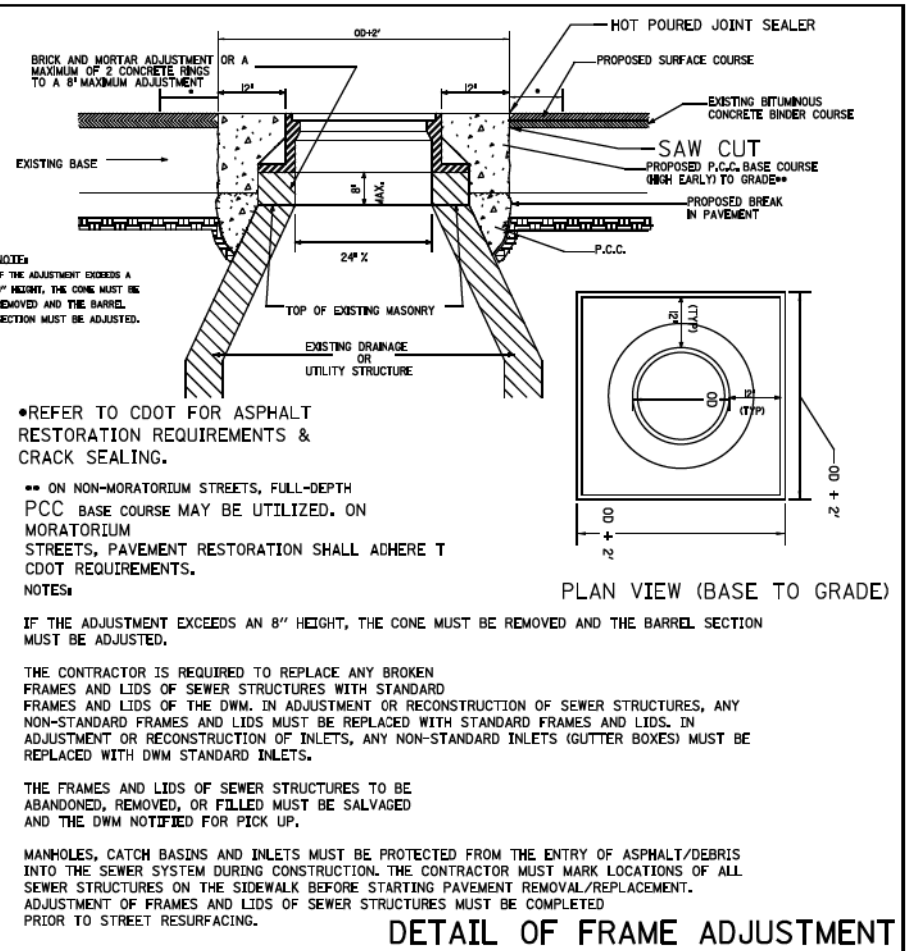
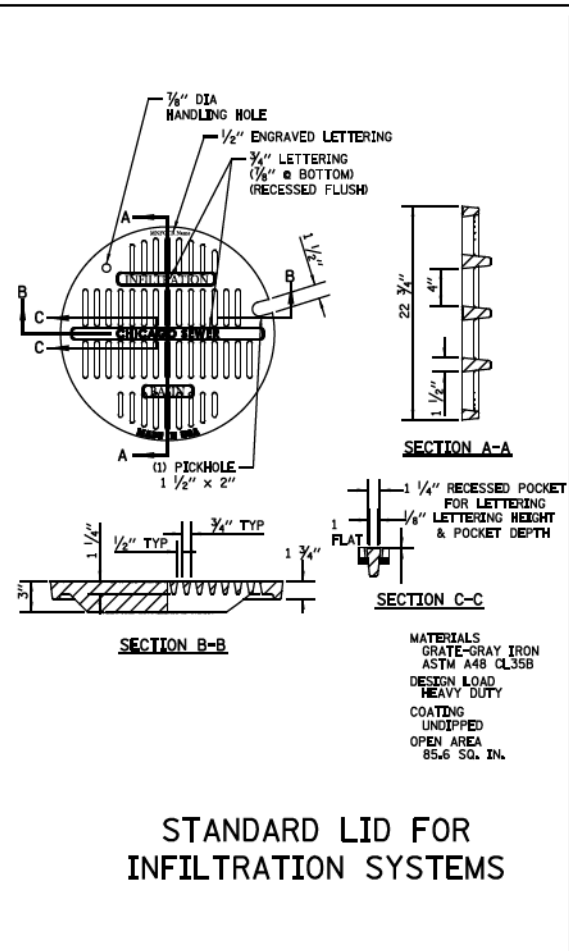
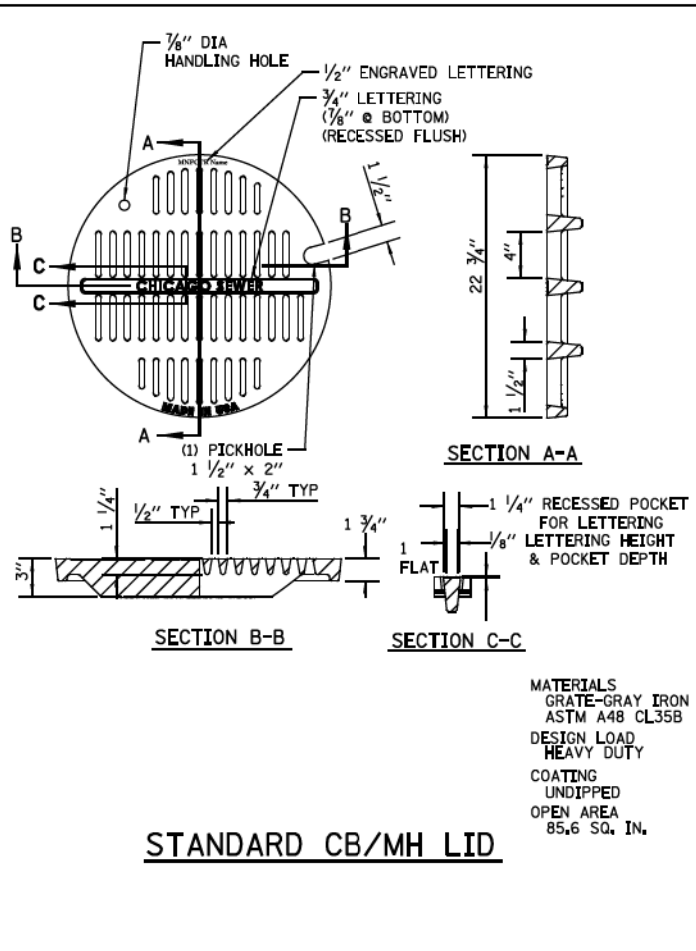
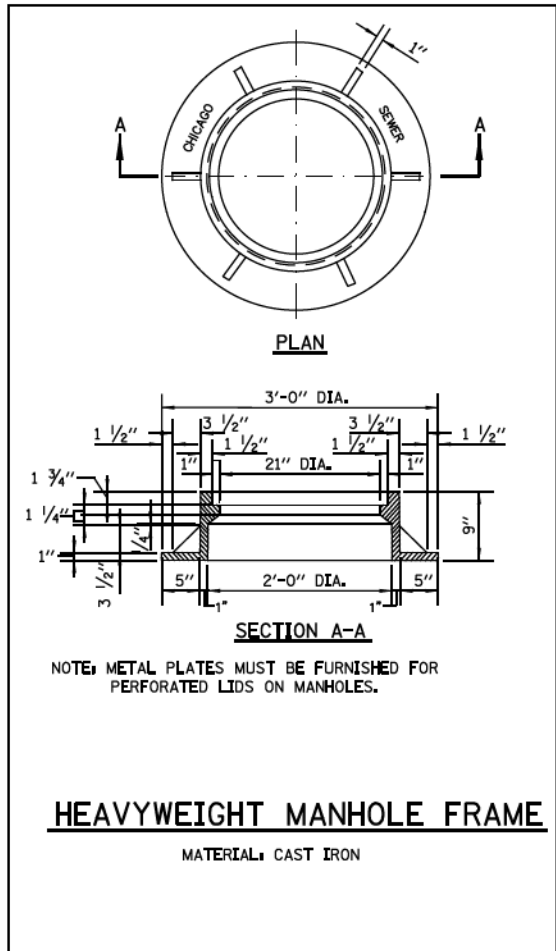
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DRAWN - CDWM	REVISED -
CHECKED - CDWM	REVISED -
DATE - 3-13-2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS  
CHICAGO DEPARTMENT OF WATER MANAGEMENT

F.A.I. RTE. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 613
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET 2 OF 10 SHEETS STA. TO STA.



STANDARD REVISIONS	
DATE	DESCRIPTION
1/5/15	Approved

PERCENT COMPLETE	DATE
30	
60	
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BULLETIN	

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		DRAWN: <b>AS</b>	<b>A.3</b>
MANHOLE LIDS AND FRAMES		CHECKED: <b>SS</b>	
		DATE: <b>03/30</b>	

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PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

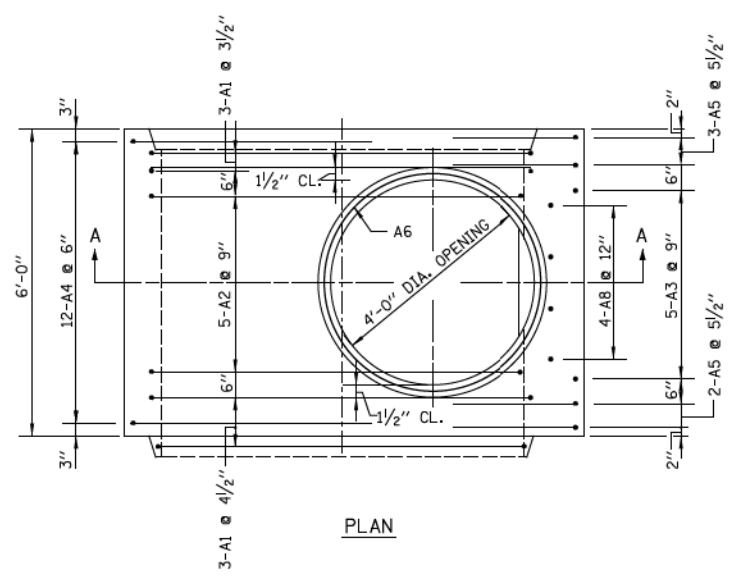
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CHICAGO DEPARTMENT OF WATER MANAGEMENT
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SCALE: NONE	SHEET 3 OF 10 SHEETS	STA. TO STA.
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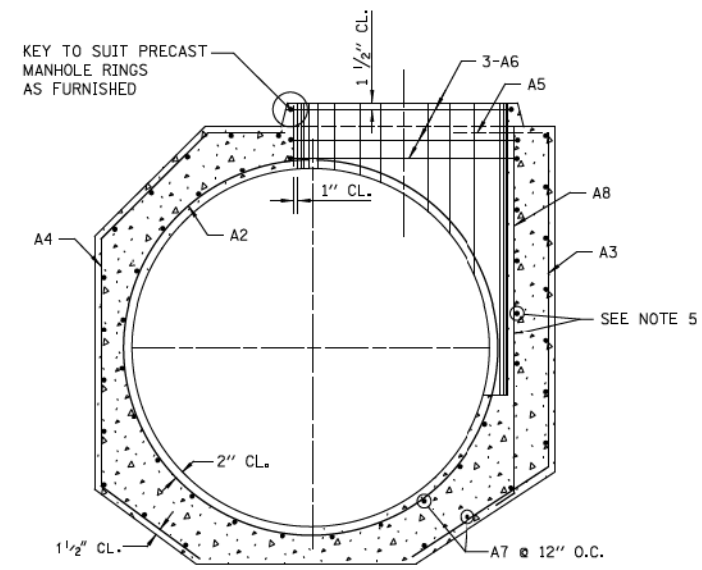
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CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



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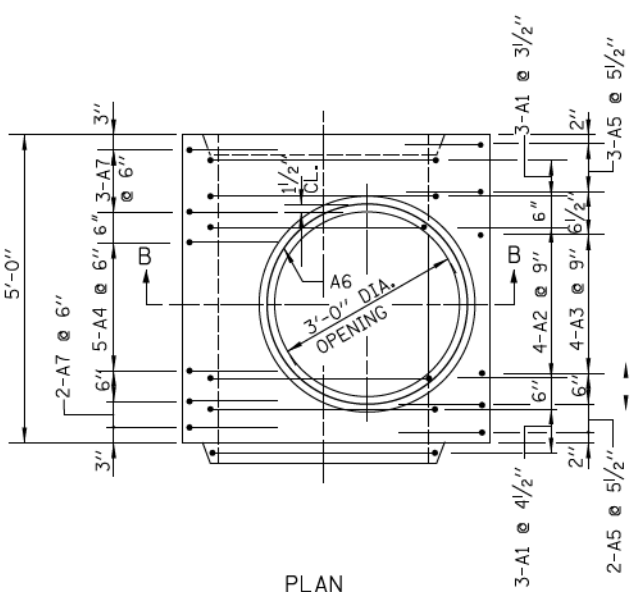


SECTION A-A

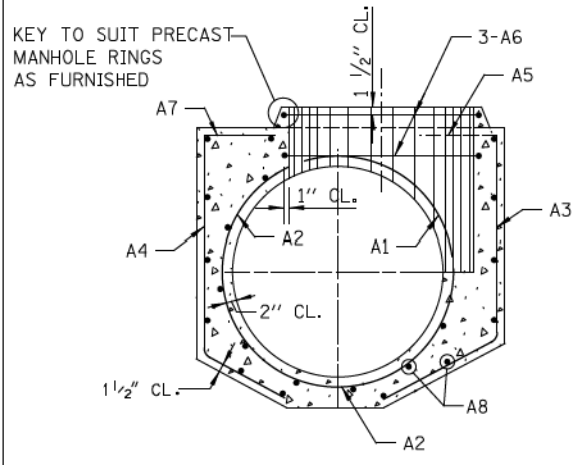
**MANHOLE BASE FOR SEWERS  
48" DIA. TO 120" DIA. INCLUSIVE**

NOTES:  
1. TWO LAYERS OF REINFORCEMENT FOR 66" DIA. MANHOLE AND OVER.

#FILE#  
#DATE#

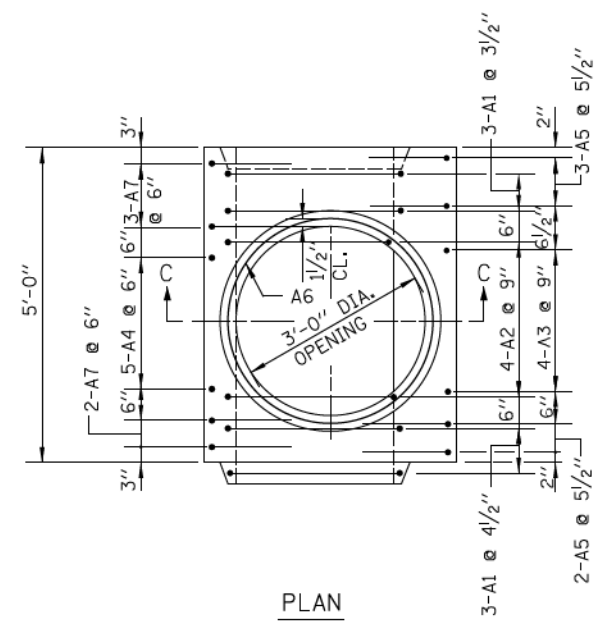


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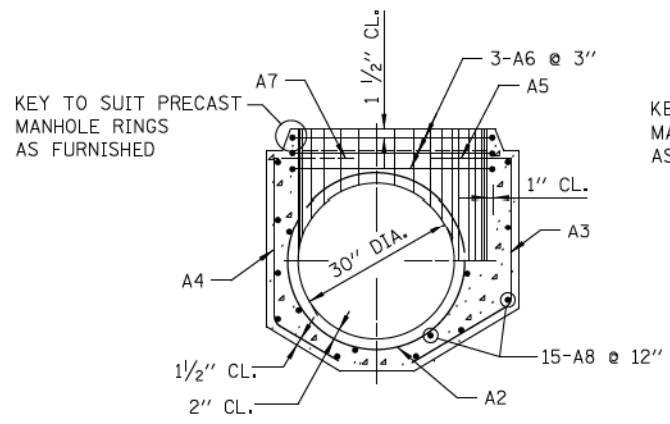


SECTION B-B

**MANHOLE BASE FOR SEWERS  
36" DIA. AND 42" DIA.**

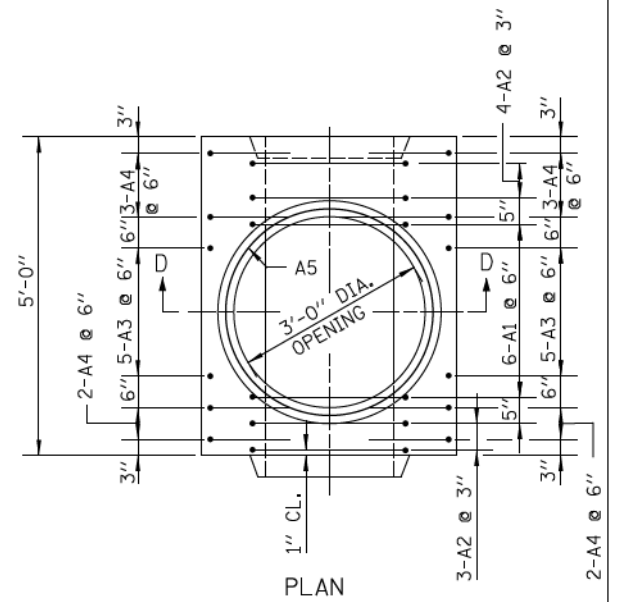


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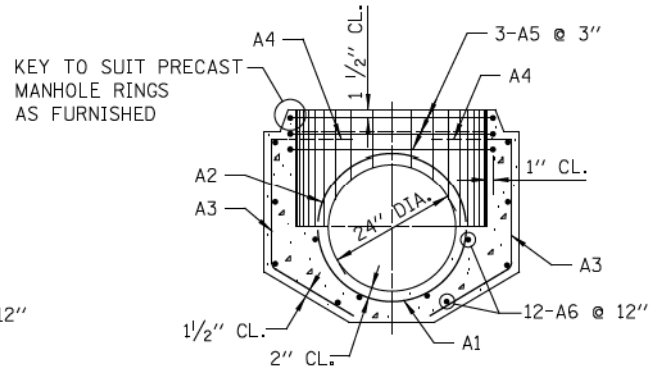


SECTION C-C

**MANHOLE BASE  
FOR 30" DIA. SEWERS**



PLAN



SECTION D-D

**MANHOLE BASE  
FOR 24" DIA. SEWERS**

STANDARD REVISIONS	
DATE	DESCRIPTION
1/5/15	REVISION

PERCENT COMPLETE	DATE
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BULLETIN	

<b>CITY OF CHICAGO</b>		DESIGNED: <u>  </u>	<b>A.6</b>
DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		CHECKED: <u>  </u>	
REINFORCEMENT FOR TYPE "A" PRECAST MANHOLE BASES		REVIEWED: <u>  </u>	OF <u>  </u>
			PN <u>  </u>

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USER NAME = v1janachione	DRAWN - CDWM	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - CDWM	REVISED -
PLOT DATE = 3/6/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS  
CHICAGO DEPARTMENT OF WATER MANAGEMENT**

SCALE: NONE    SHEET 5 OF 10 SHEETS    STA.    TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 616
CONTRACT NO. 60X94				ILLINOIS FED. AID PROJECT



### SCHEDULE OF REINFORCEMENT

STRUCTURE	REINFORCEMENT BAR						BENDING DIMENSIONS												
	MARK	SIZE NO.	TYPE	LENGTH	NO. REOD.	WEIGHT - LBS EACH TOTAL	A	B	C	D	E	F	G	H	J	K	D	R	
120A1	8	T3	35'	-4"	6	94.51										2'-8"	10'-5"		
	7	T3	22'	-5"	5	45.82											8'-7 1/2"	5'-2 1/2"	
	6	T3	14'	-4 1/2"	5	21.61													
	5	D10	19'	-2 1/2"	12	36.86	4'-6"	5'-1 1/2"	4'-10 1/2"	3'-8 1/2"	3'-10 1/2"	2'-3 1/2"						4'-3 1/2"	3'-5 1/2"
	4	T3	17'	-10"	5	47.78													4'-3 1/2"
	3	T3	15'	-1"	3	15.74													20"
	2	STR	5'	-8"	66	3.79													4'-3 1/2"
	1	T3	10'	-9"	4	11.21													45
TOTAL							1951												

STRUCTURE	REINFORCEMENT BAR						BENDING DIMENSIONS												
	MARK	SIZE NO.	TYPE	LENGTH	NO. REOD.	WEIGHT - LBS EACH TOTAL	A	B	C	D	E	F	G	H	J	K	D	R	
66A1	6	T3	20'	-5"	6	30.73										2'-0"	5'-10 1/2"		
	5	T3	11'	-10"	5	12.35											11'-10"	4'-2 1/2"	
	4	T3	9'	-2"	5	8.52												2'-7"	
	3	D10	8'	-3 1/2"	12	9.51	11 1/4"	2'-6"	3'-5"	2'-9 1/2"	4 1/2"	2'-2"	15"					2'-23 1/2"	23 1/2"
	2	T3	10'	-4"	5	15.50													2'-7"
	1	T3	15'	-1"	3	15.74													20"
	STR	5'	-8"	36	3.79														10 1/2"
	T3	6'	-5"	4	6.69														6 1/2"
TOTAL							691												

**STRUCTURAL NOTES:**

PLACING OF CONCRETE- CONCRETE MUST BE PLACED IN ACCORDANCE WITH THE METHOD OUTLINED IN THE CITY OF CHICAGO STANDARD SPECIFICATIONS.  
CONSTRUCTION JOINTS - JOINTS NOT INDICATED ON THE DRAWINGS MUST BE SO MADE AND LOCATED AS NOT TO IMPAIR THE STRENGTH OF THE STRUCTURE AND MUST BE APPROVED BY THE COMMISSIONER. JOINTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE METHOD OUTLINED IN THE SPECIFICATIONS.

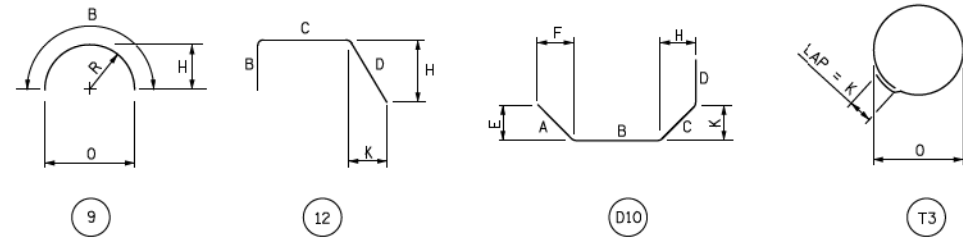
CONCRETE PROTECTION FOR REINFORCEMENT- ALL REINFORCING STEEL MUST HAVE CLEAR CONCRETE COVERING AS FOLLOWS (UNLESS OTHERWISE NOTED) :  
3" AT EXTERIOR SURFACES WHERE CONCRETE IS DEPOSITED AGAINST THE GROUND;  
2.5" AT SURFACES WHERE CONCRETE IS FORMED BUT SUBSEQUENTLY WILL BE IN CONTACT WITH SEWAGE; 2" AT ALL OTHER SURFACES.

REINFORCING STEEL- ALL REINFORCING BARS MUST BE ACCURATELY PLACED AND SECURELY SUPPORTED BY BAR SUPPORTS, SPACERS OR HIGH CHAIRS.  
ALL LAPS IN REINFORCING STEEL MUST BE BASED UPON THE 1989, ACI BUILDING CODE.  
UNLESS OTHERWISE NOTED. HOOKS AND BENDS ON BARS MUST CONFORM TO RECOMMENDED DETAILS AS GIVEN IN THE "MANUAL OF STANDARD PRACTICE", C.R.S.I. 1990.

THE FOLLOWING ABBREVIATIONS ARE USED TO INDICATE THE LOCATION OF REINFORCING BARS:

T.	DENOTES	TOP	N.F.	DENOTES	NEAR FACE
BOT.	DENOTES	BOTTOM	F.F.	DENOTES	FAR FACE
I.F.	DENOTES	INSIDE FACE	E.F.	DENOTES	EACH FACE
O.F.	DENOTES	OUTSIDE FACE	E.W.	DENOTES	EACH WAY

PLACING BAR SUPPORTS- ALL REINFORCING BARS MUST BE SUPPORTED, ANCHORED AND TIED AND MUST CONFORM TO THE "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS", 1986, PREPARED BY THE CONCRETE REINFORCING STEEL INSTITUTE.



NOTES:  
ALL DIMENSIONS ARE OUT TO OUT OF BAR.  
BENDING RADII "R" TO OUTSIDE OF BAR.  
NUMBERS IN CIRCLES DENOTE BAR TYPE.

STANDARD REVISIONS	
DATE	DESCRIPTION
1/5/15	APPROVED PLAN

PERCENT COMPLETE	DATE
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**CITY OF CHICAGO**  
DEPARTMENT OF WATER MANAGEMENT  
BUREAU OF ENGINEERING SERVICES

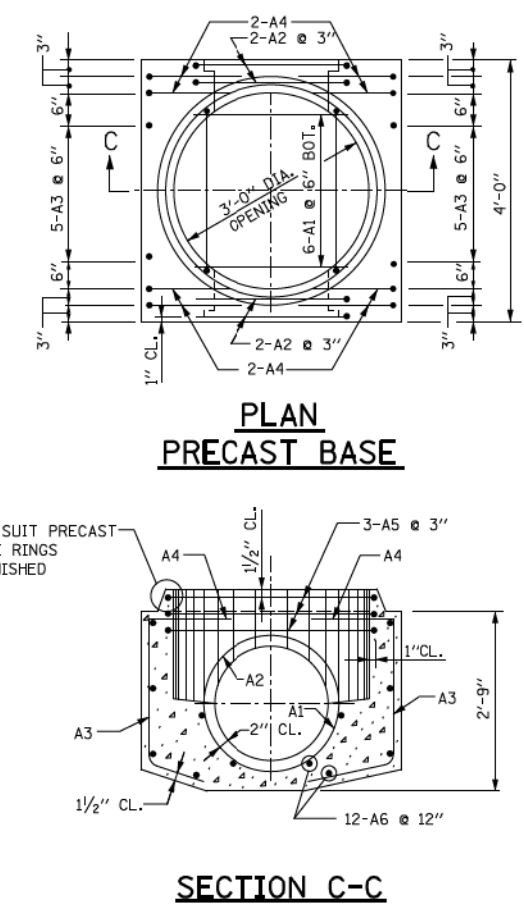
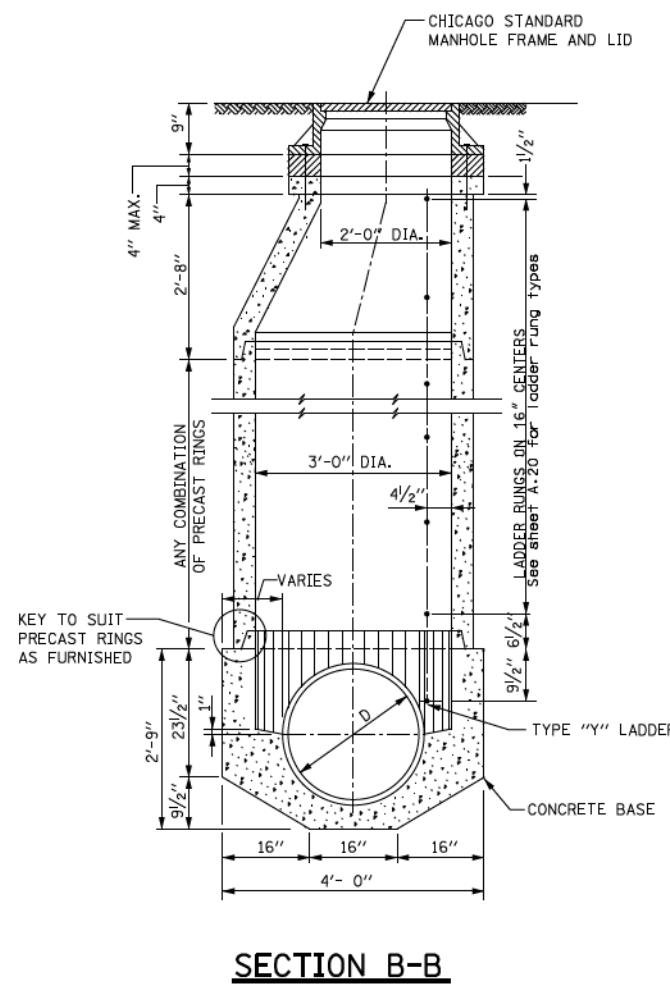
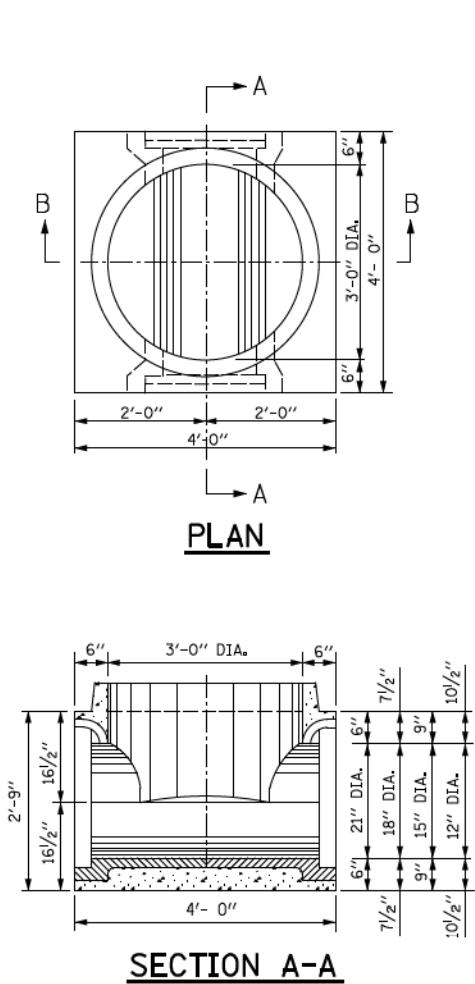
**REINFORCEMENT BAR LIST FOR TYPE "A" PRECAST MANHOLE BASES**

DRAWN: _____	<b>A.7</b>
CHECKED: _____	
REVIEWED: _____	

OF \_\_\_\_\_

PN \_\_\_\_\_

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NOTE:  
6" MINIMUM GRANULAR EMBEDMENT  
UNDER ALL PRECAST MANHOLE BASES

SCHEDULE OF REINFORCEMENT

STRUCTURE	REINFORCEMENT BAR						BENDING DIMENSIONS																
	MARK	SIZE NO.	TYPE	LENGTH	NO. REQD.	WEIGHT - LBS EACH TOTAL	A	B	C	D	E	F	G	H	J	K	D	R					
BASES FOR TYPE "A" MANHOLES (PRECAST)	21" DIA.	21A1	6	9	3'-1"	6	4.63	28									11 1/4"			2'-1"	12 3/4"		
		21A2	6	T3	8'-8"	4	13.02	52												2'-0"	2'-1 1/2"		
		21A3	5	12	3'-3"	10	3.39	34												22"	17"		
		21A4	5	12	4'-6"	8	4.69	38												15"	22"	17"	
		21A5	5	T3	11'-11"	3	12.43	37															20"
		21A6	4	STR	3'-8"	12	2.45	30															
							219																
		18" DIA.	18A1	6	9	2'-8 1/2"	6	4.07	24											2'-8 1/2"			
	18A2		6	T3	7'-10 1/2"	4	11.83	47														9 3/4"	
	18A3		5	12	3'-3"	10	3.39	34													22"	17"	
	18A4		5	12	4'-6"	8	4.69	38													15"	22"	17"
	18A5		5	T3	11'-11"	3	12.43	37															14 1/2"
18A6	4		STR	3'-8"	12	2.45	30																
						202																	
	15" DIA.	15A1	6	9	2'-3 1/2"	6	3.44	21															
15A2		6	T3	7'-1"	4	10.64	42														23 1/2"		
15A3		5	12	3'-3"	10	3.39	34													22"	17"		
15A4		5	12	4'-6"	8	4.69	38													15"	22"	17"	
15A5		5	T3	11'-11"	3	12.43	37															14 1/2"	
15A6		4	STR	3'-8"	12	2.45	30																
						202																	
	12" DIA.	12A1	6	9	1'-11"	6	2.88	17															
12A2		6	T3	6'-1"	4	9.14	37														23"		
12A3		5	12	3'-3"	10	3.39	34															6 3/4"	
12A4		5	12	4'-6"	8	4.69	38															2'-0"	
12A5		5	T3	11'-11"	3	12.43	37															16 1/2"	
12A6		4	STR	3'-8"	12	2.45	30																
						193																	

STANDARD REVISIONS		PERCENT COMPLETE	DATE	<b>CITY OF CHICAGO</b> DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	DRAWN: <u>      </u> DESIGNED: <u>      </u> CHECKED: <u>      </u> REVIEWED: <u>      </u>
DATE	DESCRIPTION	30			<b>A.8</b>
1/5/15	REVISION	60			
		75			
		90			
		100			
		BULLETIN			
				TYPE "A" PRECAST MANHOLE FOR SEWERS 21" DIA. AND SMALLER	OF <u>      </u> PN <u>      </u>

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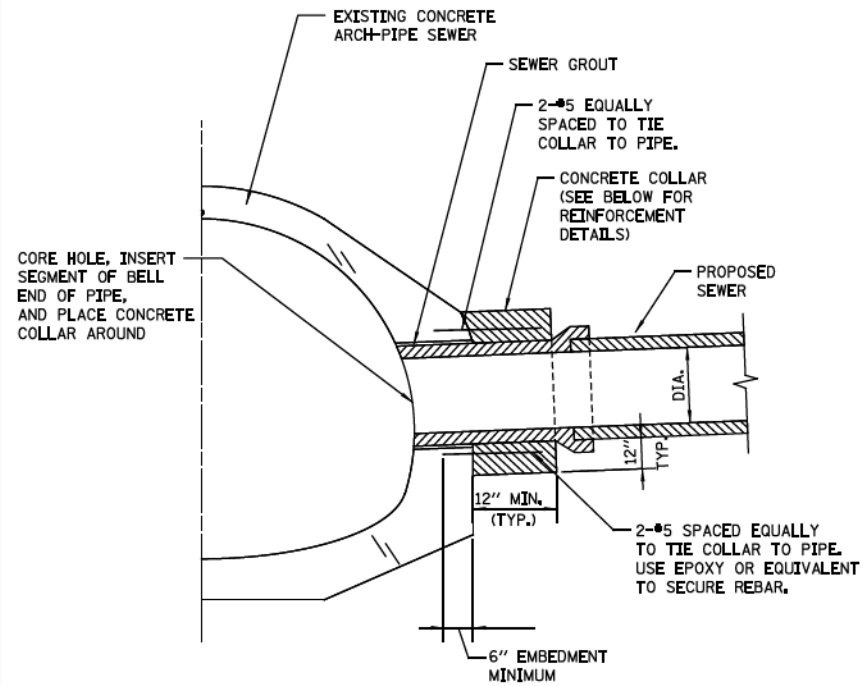
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

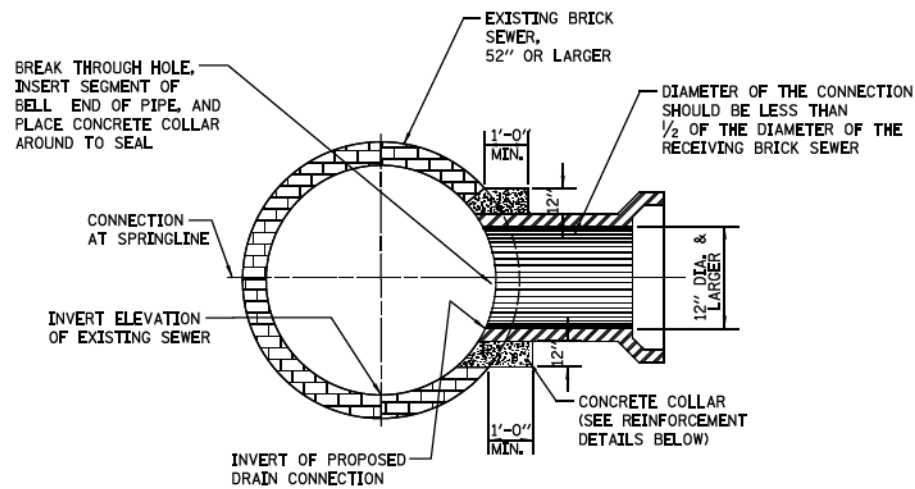
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CHICAGO DEPARTMENT OF WATER MANAGEMENT

SCALE: NONE SHEET 7 OF 10 SHEETS STA. TO STA.

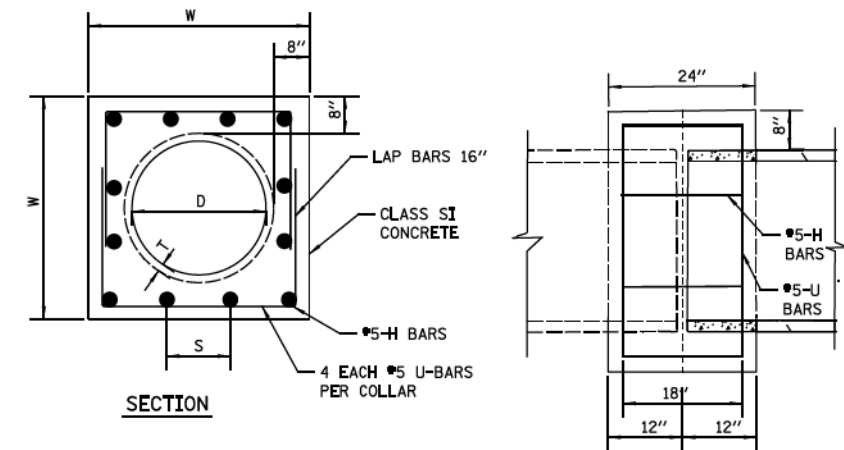
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90/94/290	2014-015R&B-R	COOK	825	618
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



**EXAMPLE TYPICAL CONNECTION DETAIL**  
(NOT TO SCALE)



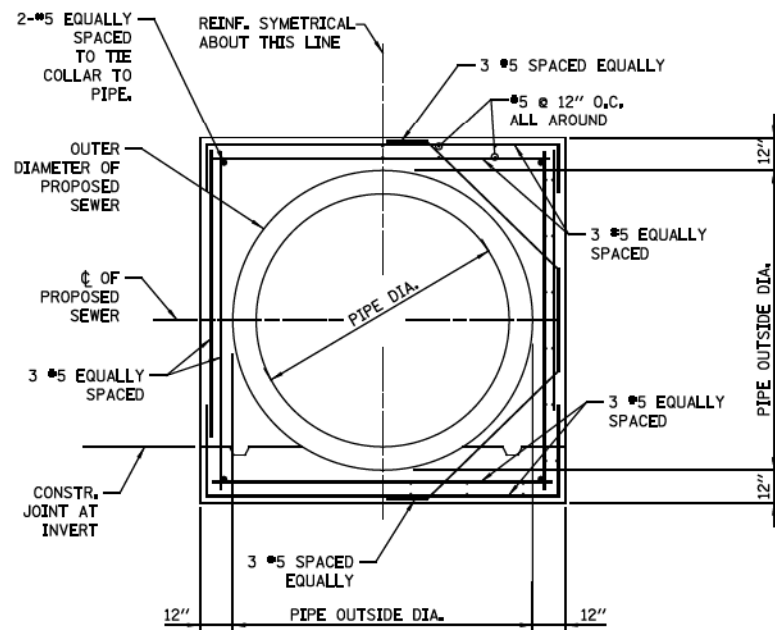
**EXAMPLE TYPICAL BRICK SEWER CONNECTION FOR CONNECTING PIPE SIZES GREATER THAN 12\"/>**



**PIPE TO PIPE REINFORCED CONCRETE COLLAR DETAIL**  
SCALE: N.T.S.

**CONCRETE COLLAR NOTES:**

- ALL ITEMS AND MATERIALS SHALL CONFORM TO THE LATEST IDOT SSRBC SPECIFICATIONS, UNLESS OTHERWISE NOTED IN SUPPLEMENTAL SPECIFICATIONS FOR THE SPECIFIC PROJECT BEING CONSTRUCTED.
- ALL CONCRETE SHALL CONFORM TO IDOT SSRBC ARTICLE 1020.04, CLASS SI, WITH A COMPRESSIVE STRENGTH OF 3500 PSL.
- ALL EPOXY COATED REINFORCEMENT BARS SHALL CONFORM TO IDOT SSRBC SECTION 508, AND ARTICLE 1006.10.
- UNLESS OTHERWISE SHOWN, THE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:
  - CONCRETE CAST AGAINST PERMANENTLY EXPOSED EARTH: 3" B.
  - ALL OTHER REINFORCING BARS: 2"
- CONCRETE COLLARS SHALL BE USED AT ALL EXISTING/PROPOSED PIPE CONNECTIONS. TRIM EXISTING PIPE END TO PROVIDE FLUSH BUTT JOINT, INSTALL REBAR, AND PLACE CONCRETE COLLAR.
- THE CONTRACTOR SHALL PROVIDE ALL MEASURES AND PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO THE EXISTING SEWER DURING CONSTRUCTION. CONTRACTOR SHALL ADEQUATELY BRACE OR SHORE EXISTING SEWER IF REQUIRED TO MAINTAIN INTEGRITY OF SEWER DURING CONSTRUCTION. SUBMIT DESIGN AND DETAILS, SEALED AND SIGNED BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER, SHOWING TEMPORARY BRACING FOR THE EXISTING SEWER DURING CONSTRUCTION FOR REVIEW PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING STRUCTURE IS RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL DIVERT ALL FLOW FROM THE EXISTING SEWER PRIOR TO CONSTRUCTION SO THAT THE WORK CAN BE PERFORMED IN THE DRY CONDITION. SEWER MUST BE MAINTAINED IN SERVICE AT ALL TIMES. SUBMIT MEANS OF FLOW DIVERSION FOR REVIEW PRIOR BREAKING INTO EXISTING BRICK SEWER. ALL EXCAVATION SHALL BE KEPT DEWATERED DURING CONSTRUCTION OPERATIONS UNTIL BACKFILL IN PLACE. PROVISIONS SHALL BE MADE TO PREVENT THE BOTTOM OF ALL EXCAVATIONS FROM FREEZING OR FLOODING AT ALL TIMES. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE SHALL BE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE OF THE WORK.



**EXAMPLE CONCRETE COLLAR REINFORCEMENT - SECTION**  
(NOT TO SCALE)

D	T	W	U BAR				H BAR				CLASS SI	#5 EPOXY REBAR
			X	Y	QTY	LENGTH	S	QTY	LENGTH	TOTAL		
RCP DIA.	PIPE THICKNESS	WIDTH	(IN)	(IN)	(EACH)	(FT)	(IN)	(EACH)	(FT)	(CU YD)	(LBS)	
12"	2.00	32.0	26.00	21.00	4	22.7	8 1/8	12.0	18.0	0.42	42.5	
15"	2.25	35.5	29.50	22.75	4	25.0	9 3/8	12.0	18.0	0.49	44.8	
18"	2.50	39.0	33.00	24.50	4	27.3	10 1/2	12.0	18.0	0.57	47.2	
21"	2.75	42.5	36.50	26.25	4	29.7	8 3/4	16.0	24.0	0.65	56.0	
24"	3.00	46.0	40.00	28.00	4	32.0	9 5/8	16.0	24.0	0.72	58.4	
27"	3.25	49.5	43.50	29.75	4	34.3	10 1/2	16.0	24.0	0.81	60.8	
30"	3.50	53.0	47.00	31.50	4	36.7	11 3/8	16.0	24.0	0.89	63.3	
33"	3.75	56.5	50.50	33.25	4	39.0	9 4/5	20.0	30.0	0.98	72.0	
36"	4.00	60.0	54.00	35.00	4	41.3	10 1/2	20.0	30.0	1.07	74.4	
42"	4.50	67.0	61.00	38.50	4	46.0	9 7/8	24.0	36.0	1.26	85.5	
48"	5.00	74.0	68.00	42.00	4	50.7	11 1/8	24.0	36.0	1.46	90.4	

\*NOTE: OPTION TO USE WITHOUT REBAR

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USER NAME = v1janachione  
PLOT SCALE = 100.0000' / 1"  
PLOT DATE = 3/6/2020

DESIGNED - CDWM  
DRAWN - CDWM  
CHECKED - CDWM  
DATE - 3-13-2020

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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STANDARD REVISIONS	
DATE	DESCRIPTION
1/22/14	APPROVED PLAN

PERCENT COMPLETE	DATE
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BULLETIN	

**CITY OF CHICAGO**  
DEPARTMENT OF WATER MANAGEMENT  
BUREAU OF ENGINEERING SERVICES

CONCRETE COLLAR / CONNECTION DETAILS

DRAWN: [ ]  
DESIGNED: [ ]  
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PN \_\_\_

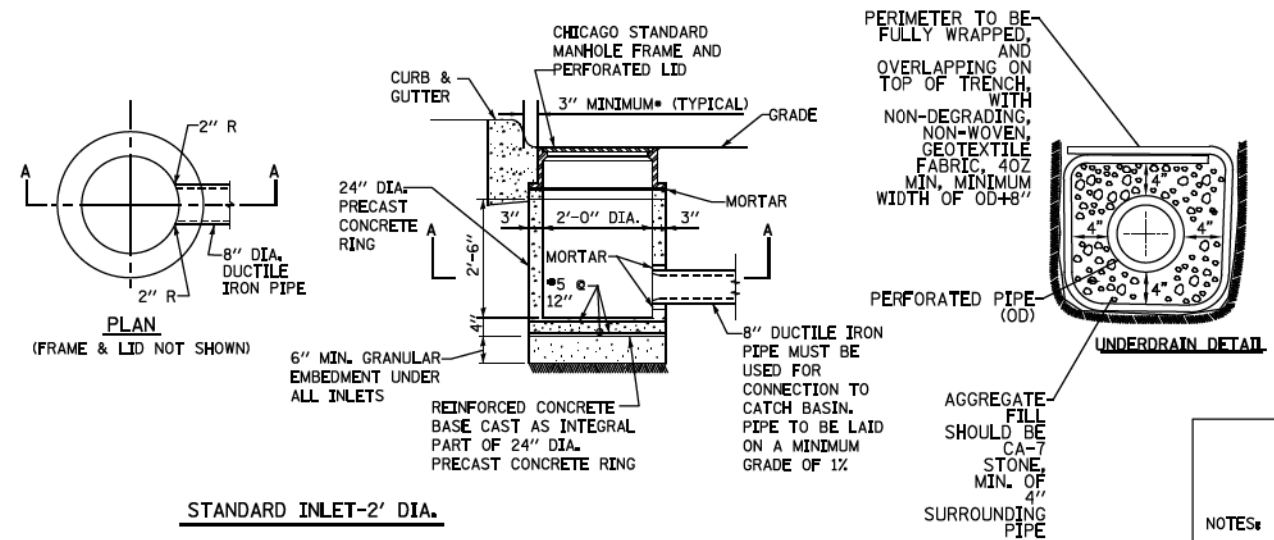
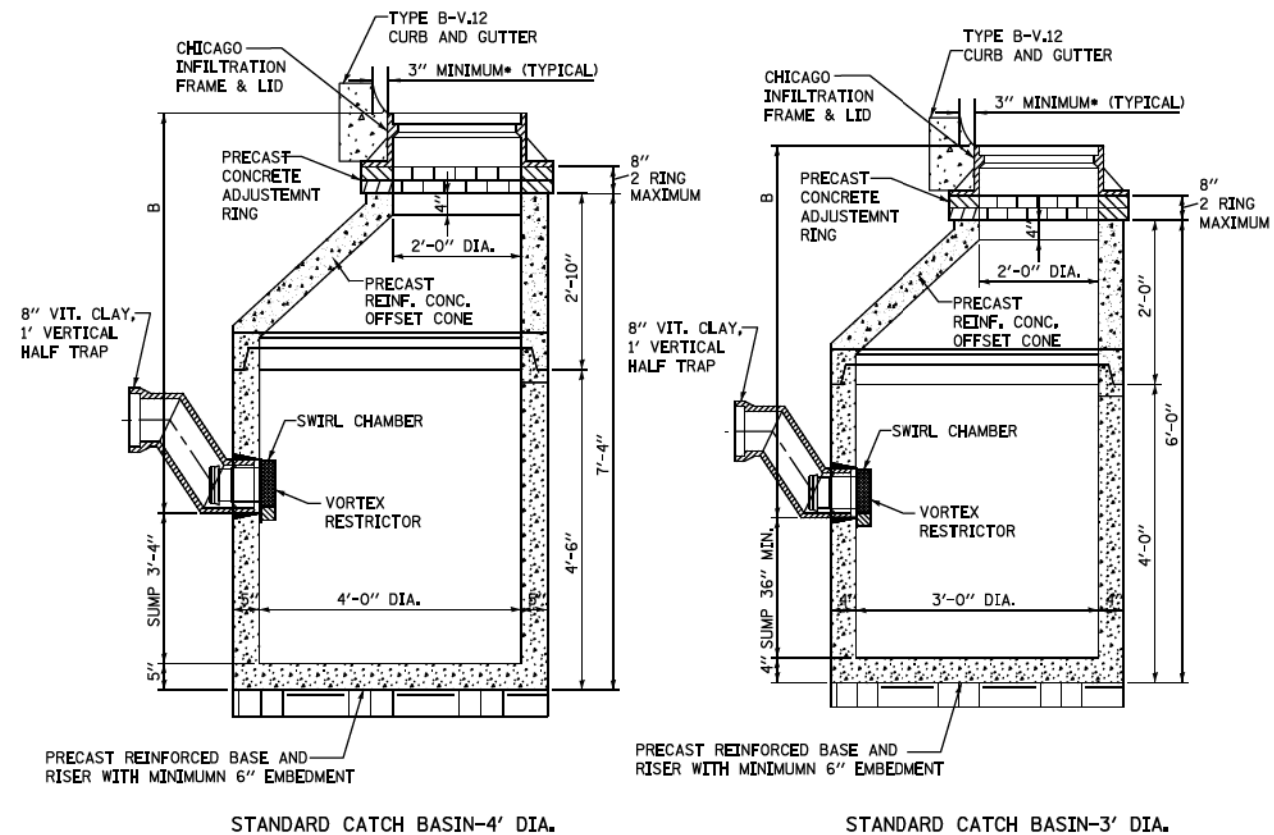


DRAINAGE DETAILS  
CHICAGO DEPARTMENT OF WATER MANAGEMENT

SCALE: NONE SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290  
SECTION 2014-015R&B-R  
COUNTY COOK  
TOTAL SHEETS 825  
SHEET NO. 619  
CONTRACT NO. 60X94  
ILLINOIS FED. AID PROJECT

## STANDARD DRAINAGE STRUCTURES FOR PUBLIC STREETS



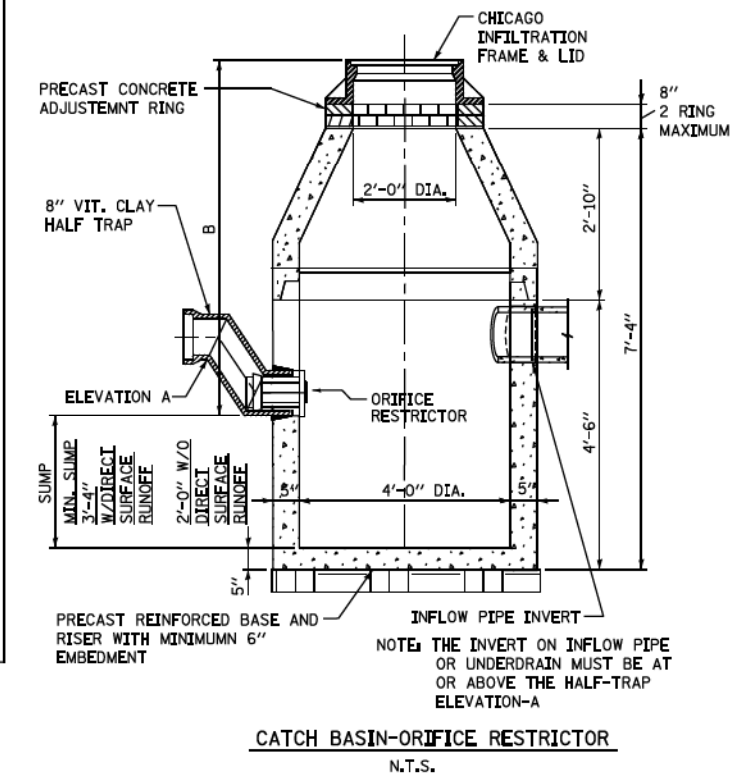
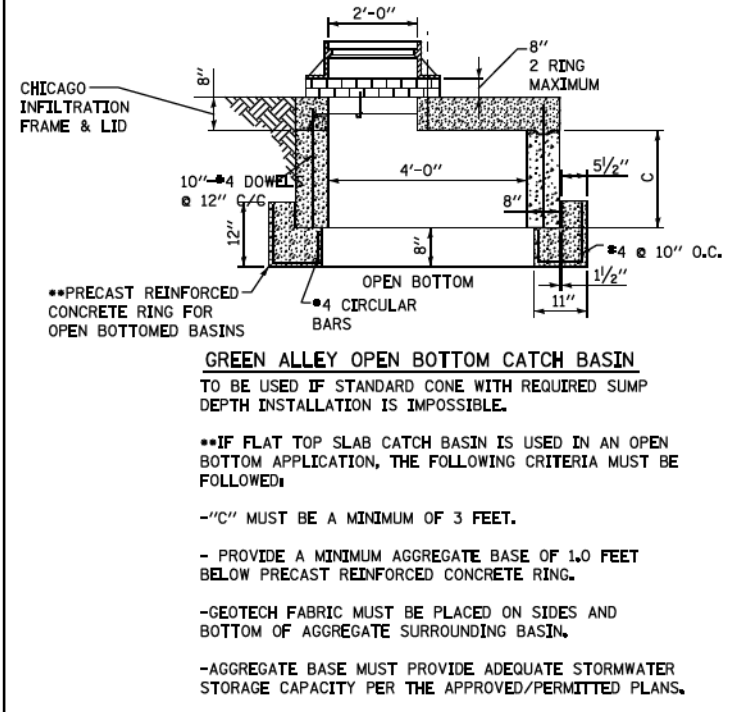
**NOTE:**  
INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF DWM SEWER ENGINEER OR FIELD INSPECTOR.

FOR TRENCH BACKFILL, USE FA-6 SAND, CRUSHED CONCRETE SAND, OR STONE SAND.

FOR GRANULAR EMBEDMENT, USE CA-11, CRUSHED GRAVEL, CRUSHED STONE, OR CRUSHED CONCRETE.

\*OUTER EDGE OF FRAME TO FACE OF CURB

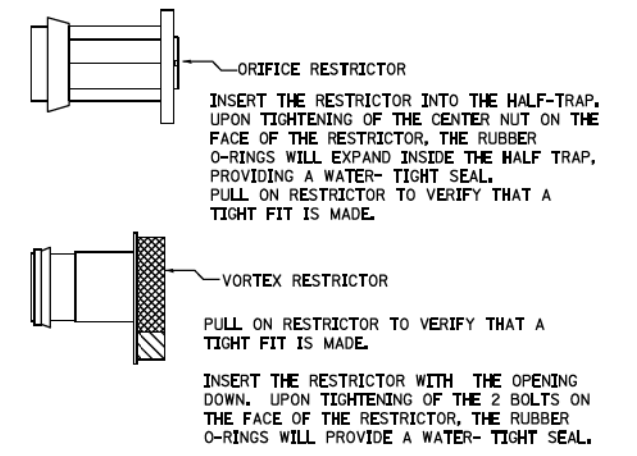
## STANDARD DRAINAGE STRUCTURES FOR PUBLIC ALLEYS



**NOTE:**  
1. FOR ANY DRAIN TILE CONNECTION, THE WATER TABLE MUST BE AT LEAST 3.5 FEET BELOW ELEVATION A.

2. PVC UNDERDRAINS MUST BE 4" MINIMUM DIAMETER, (6" RECOMMENDED) AND MUST BE WRAPPED IN GEOTECH FABRIC.

## DRAINAGE STRUCTURES RESTRICTORS



**GENERAL NOTES:**

- CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
- IF B < 4 FEET, THEN USE A DUCTILE IRON PIPE HALF TRAP AND FLAT TOP SLAB CATCH BASIN AS NECESSARY.
- INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF DWM FIELD INSPECTOR.

**RESTRICTOR NOTES:**

THE DWM'S RAIN BLOCKER RESTRICTOR PROGRAM MUST BE MAINTAINED WITH ANY ROADWAY IMPROVEMENT.

THE DESIGN OF ANY ROADWAY IMPROVEMENT MUST CONSIDER LIMITING THE NUMBER OF CATCH BASINS TO THE EXTENT PRACTICAL. THE NUMBER OF EXISTING STRUCTURES SHOULD NOT BE INCREASED.

THE RESTRICTORS CAN BE OBTAINED FROM DWM CENTRAL DISTRICT AT 3901 S. ASHLAND AVE. THE CONTRACTOR SHOULD ARRANGE FOR PICK UP BY CONTACTING 312-747-1177 (7AM TO 3PM, M-F)

FLOW RESTRICTORS MUST BE INSTALLED IN ALL CATCH BASINS OUTSIDE OF THE CENTRAL BUSINESS DISTRICT. RESTRICTORS MUST NOT BE INSTALLED IN CATCH BASINS IN CLOSE PROXIMITY TO VIADUCT AREAS, BUS STOPS, OR EMERGENCY ENTRANCES. THE DWM MUST APPROVE THE NON-INSTALLATION OR REMOVAL OF ANY RESTRICTOR. REQUIREMENTS FOR RESTRICTOR INSTALLATION ARE AS FOLLOWS:

- ARTERIAL STREETS: 3-INCH ORIFICE RESTRICTOR
- BUS ROUTES: 3-INCH ORIFICE RESTRICTOR
- RESIDENTIAL STREETS: 3-INCH VORTEX RESTRICTOR
- ALLEYS: 3-INCH ORIFICE RESTRICTOR IN THE LAST CB.
- CLOSED LIDS ARE REQUIRED ON ALL MANHOLES EXCEPT AT INTERSECTIONS WHERE A PERFORATED LID SHALL BE USED.

STANDARD REVISIONS	
DATE	DESCRIPTION
12/28/15	APPROVED

PERCENT COMPLETE	DATE
30	
60	
75	
90	
100	
BULLETIN	

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES			DRAWN	DATE
DESIGNED			DATE	
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APPROVED			DATE	

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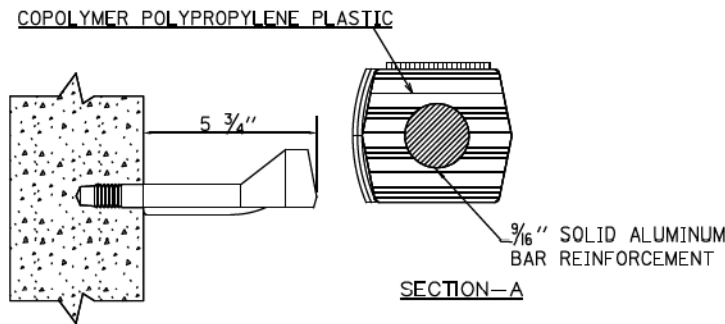
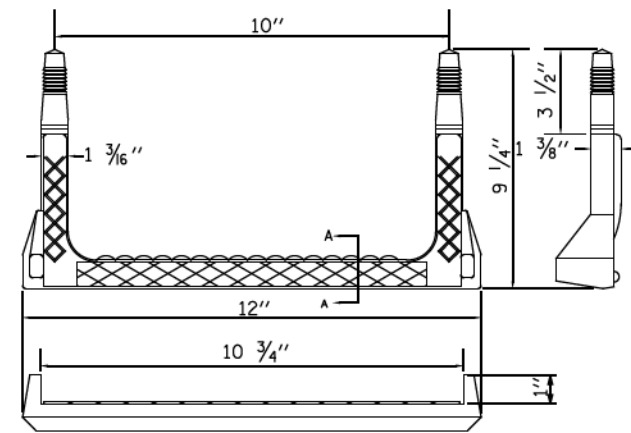
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS  
CHICAGO DEPARTMENT OF WATER MANAGEMENT**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	620
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

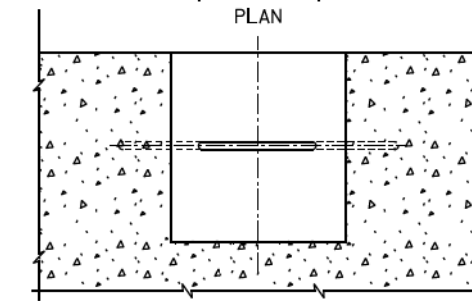
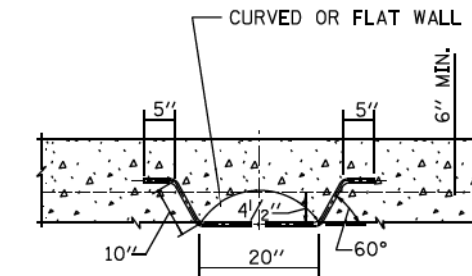
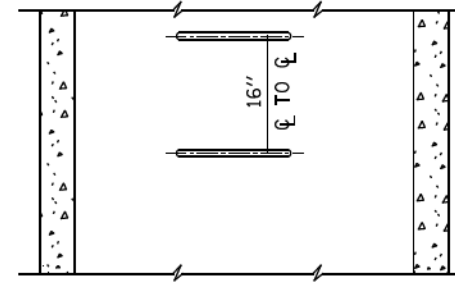
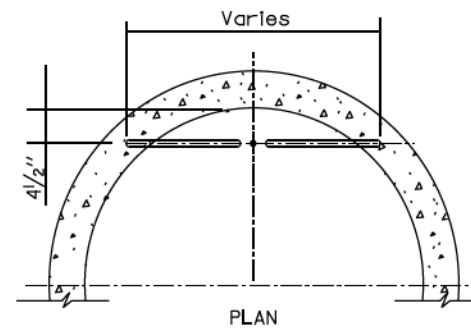
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RECTANGULAR STEP LADDER RUNG

FOR USE ONLY IN 48" DIAMETER AND LARGER MANHOLES.



NOTES:

1. VERTICAL SPACING = 16" O.C., ON VERTICAL WALL ONLY.
2. FIRST LADDER RING SHOULD BE A MAXIMUM OF 31" BELOW TOP OF MANHOLE FRAME
3. STEPS SHALL MEET THE REQUIREMENTS OF ASTM C478 IN ADDITION TO A HORIZONTAL PULL-OUT LOAD OF 1000 LBS. WHEN INSTALLED.
4. ALL STEPS SHALL BE VERTICALLY ALIGNED IN A STRAIGHT LINE.
5. NO STEPS LOCATED INSIDE MANHOLE CHIMNEY.
6. MINIMUM CONCRETE STRENGTH MUST BE 3000 PSI
7. HOLES- PREFORMED/DRILLED
  - A. HOLES MUST BE PARALLEL
  - B. HOLES MUST BE 10" CENTERED, 1" DIAMETER
  - C. MINIMUM DEPTH- 3 1/2" TO 3 3/4"

STANDARD REVISIONS	
DATE	DESCRIPTION
12/28/15	APPROVED PLAN

PERCENT COMPLETE	DATE
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BULLETIN	

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		DRAWN - CHECKED - REVIEWED -	A.20 OF PN
LADDER RUNGS			

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

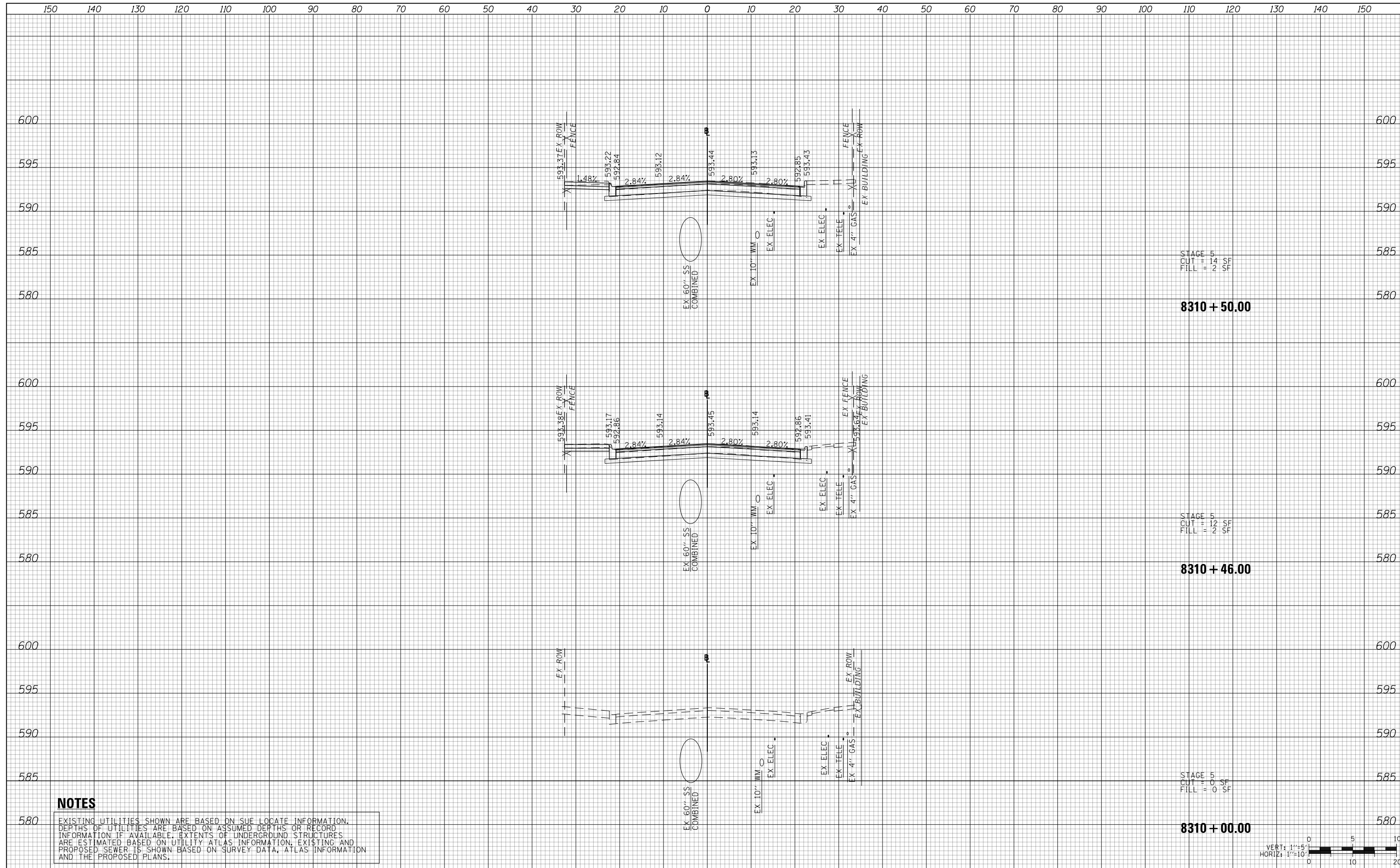
DRAINAGE DETAILS  
CHICAGO DEPARTMENT OF WATER MANAGEMENT

SCALE: NONE SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-015R&B-R	COUNTY COOK	TOTAL SHEETS 825	SHEET NO. 621
CONTRACT NO. 60X94				ILLINOIS FED. AID PROJECT

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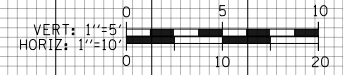
**NOTES**

EXISTING UTILITIES SHOWN ARE BASED ON SUE LOCATE INFORMATION. DEPTHS OF UTILITIES ARE BASED ON ASSUMED DEPTHS OR RECORD INFORMATION IF AVAILABLE. EXTENTS OF UNDERGROUND STRUCTURES ARE ESTIMATED BASED ON UTILITY ATLAS INFORMATION, EXISTING AND PROPOSED SEWER IS SHOWN BASED ON SURVEY DATA, ATLAS INFORMATION AND THE PROPOSED PLANS.

STAGE 5  
CUT = 14 SF  
FILL = 2 SF

STAGE 5  
CUT = 12 SF  
FILL = 2 SF

STAGE 5  
CUT = 0 SF  
FILL = 0 SF



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ADAMS STREET**

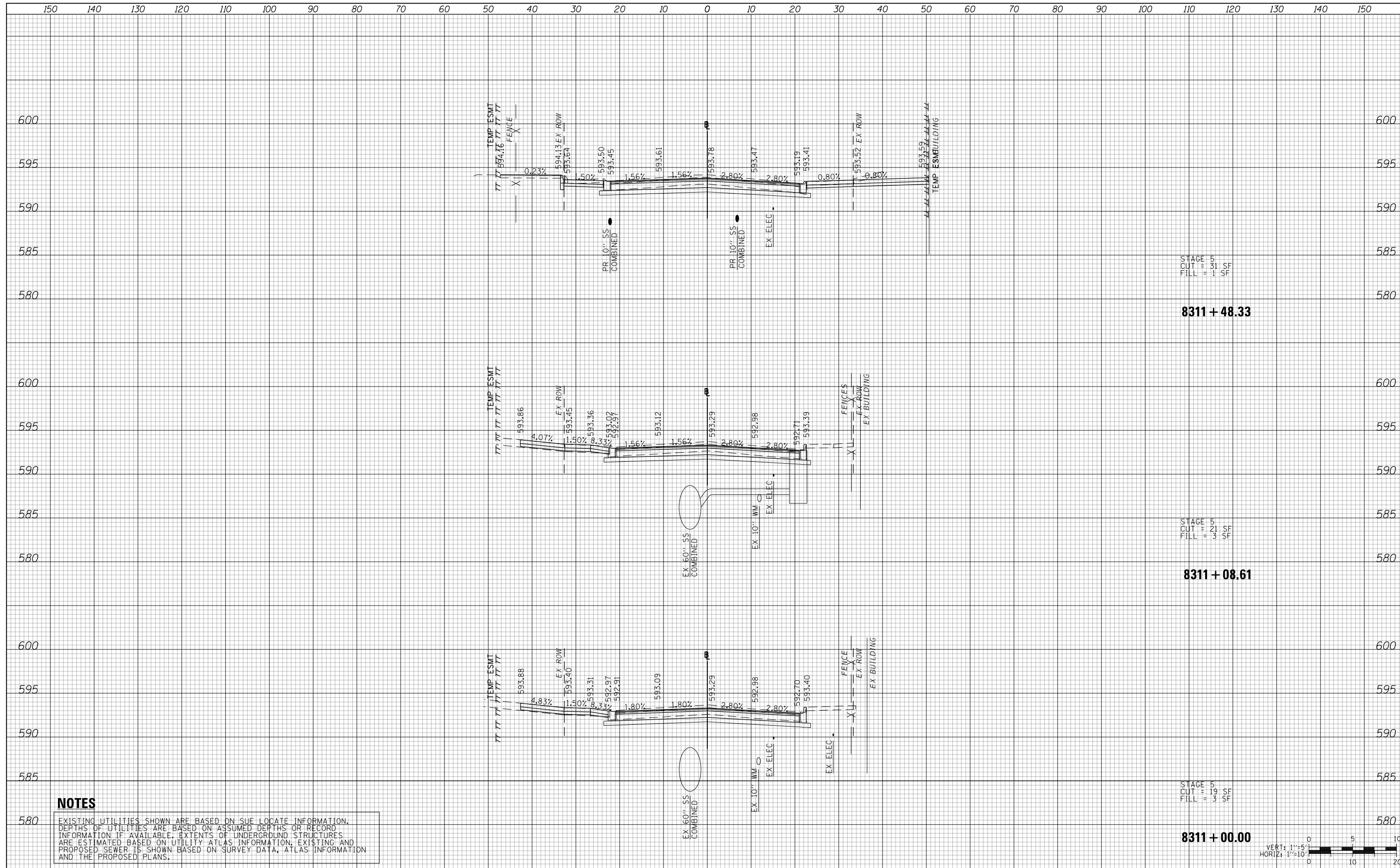
SCALE: 10:H 5:V SHEET 1 OF 5 SHEETS STA. 8310+00.00 TO STA. 8310+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	622
				CONTRACT NO. 60X94

ILLINOIS FED. AID PROJECT

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NOTE BOOK AREAS CHECKED	

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



**NOTES**

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STAGE 5  
CUT = 31 SF  
FILL = 1 SF

**8311 + 48.33**

STAGE 5  
CUT = 21 SF  
FILL = 3 SF

**8311 + 08.61**

STAGE 5  
CUT = 19 SF  
FILL = 3 SF

**8311 + 00.00**



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

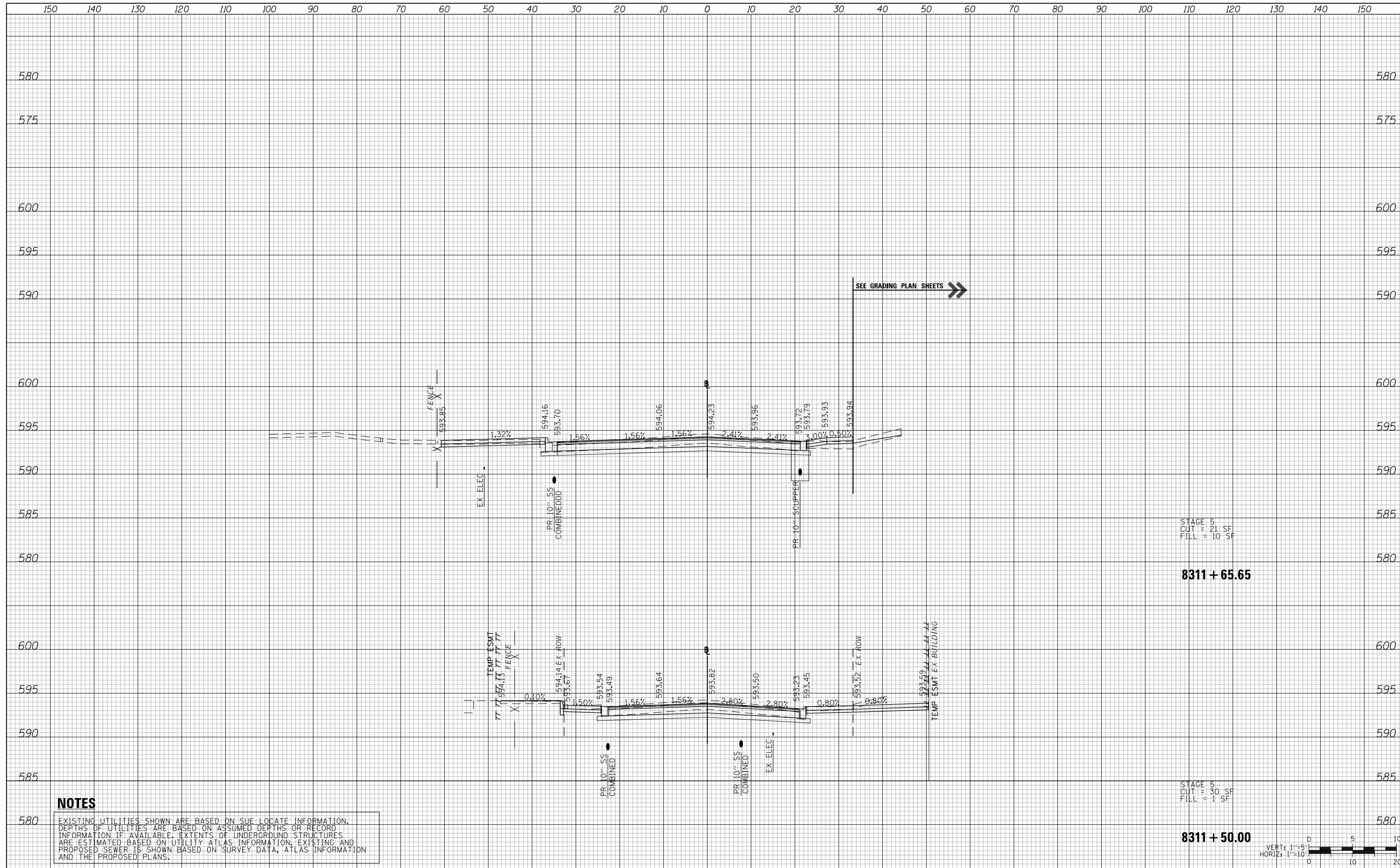
**CROSS SECTIONS  
ADAMS STREET**

SCALE: 10:H 5:V SHEET 2 OF 5 SHEETS STA. 8311+00.00 TO STA. 8311+48.33

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	623
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

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**NOTES**

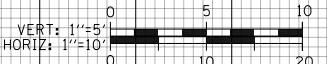
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STAGE 5  
CUT = 21 SF  
FILL = 10 SF

**8311 + 65.65**

STAGE 5  
CUT = 30 SF  
FILL = 1 SF

**8311 + 50.00**



D160X94-SHT-XSC-01-ADM.dgn	DESIGNED - VLJ	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ADAMS STREET**

SCALE: 10:H 5:V SHEET 3 OF 5 SHEETS STA. 8311+50.00 TO STA. 8314+24.84

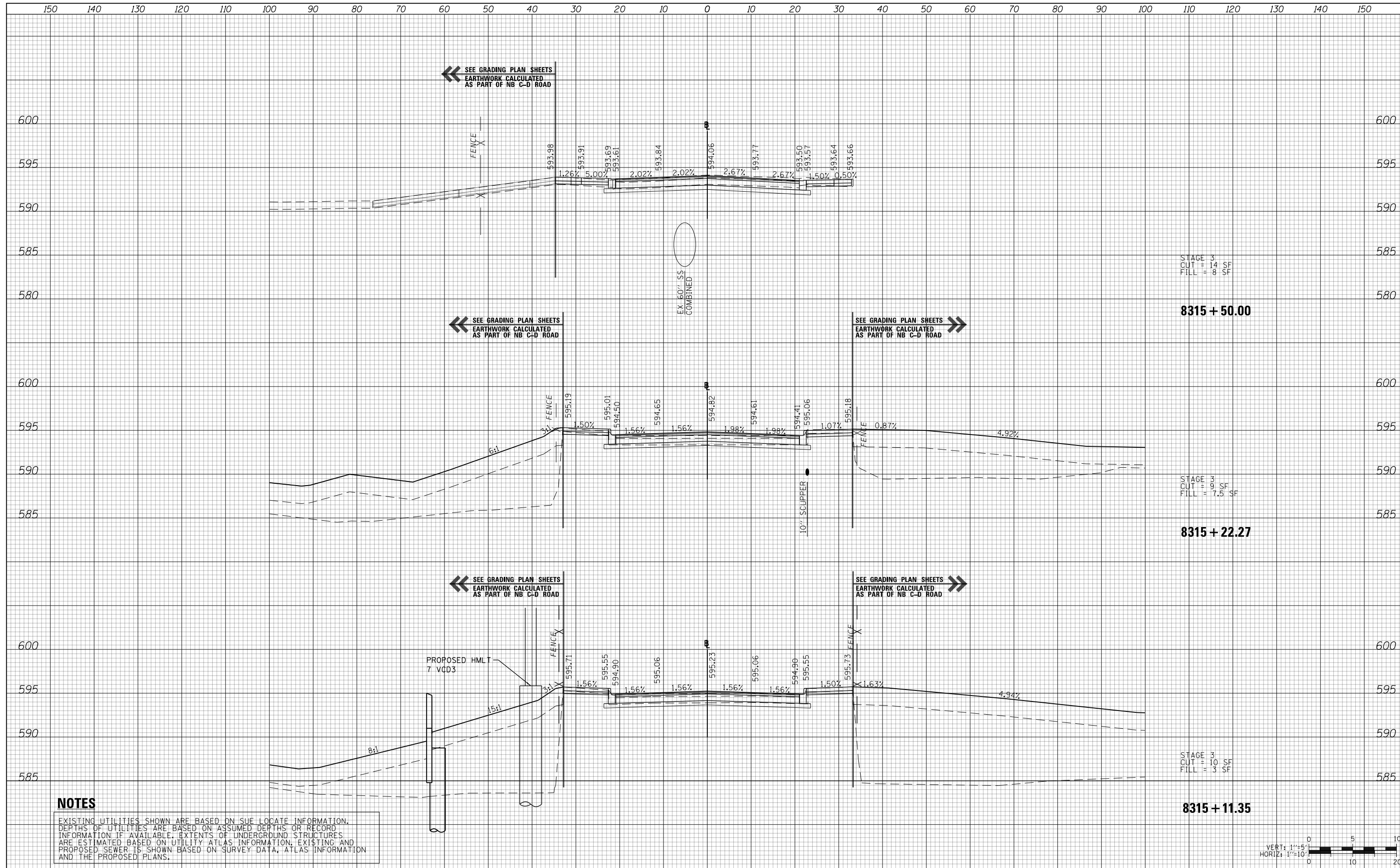
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	624
				CONTRACT NO. 60X94

ILLINOIS FED. AID PROJECT



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**NOTES**

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STAGE 3  
CUT = 14 SF  
FILL = 8 SF

STAGE 3  
CUT = 9 SF  
FILL = 7.5 SF

STAGE 3  
CUT = 10 SF  
FILL = 3 SF



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

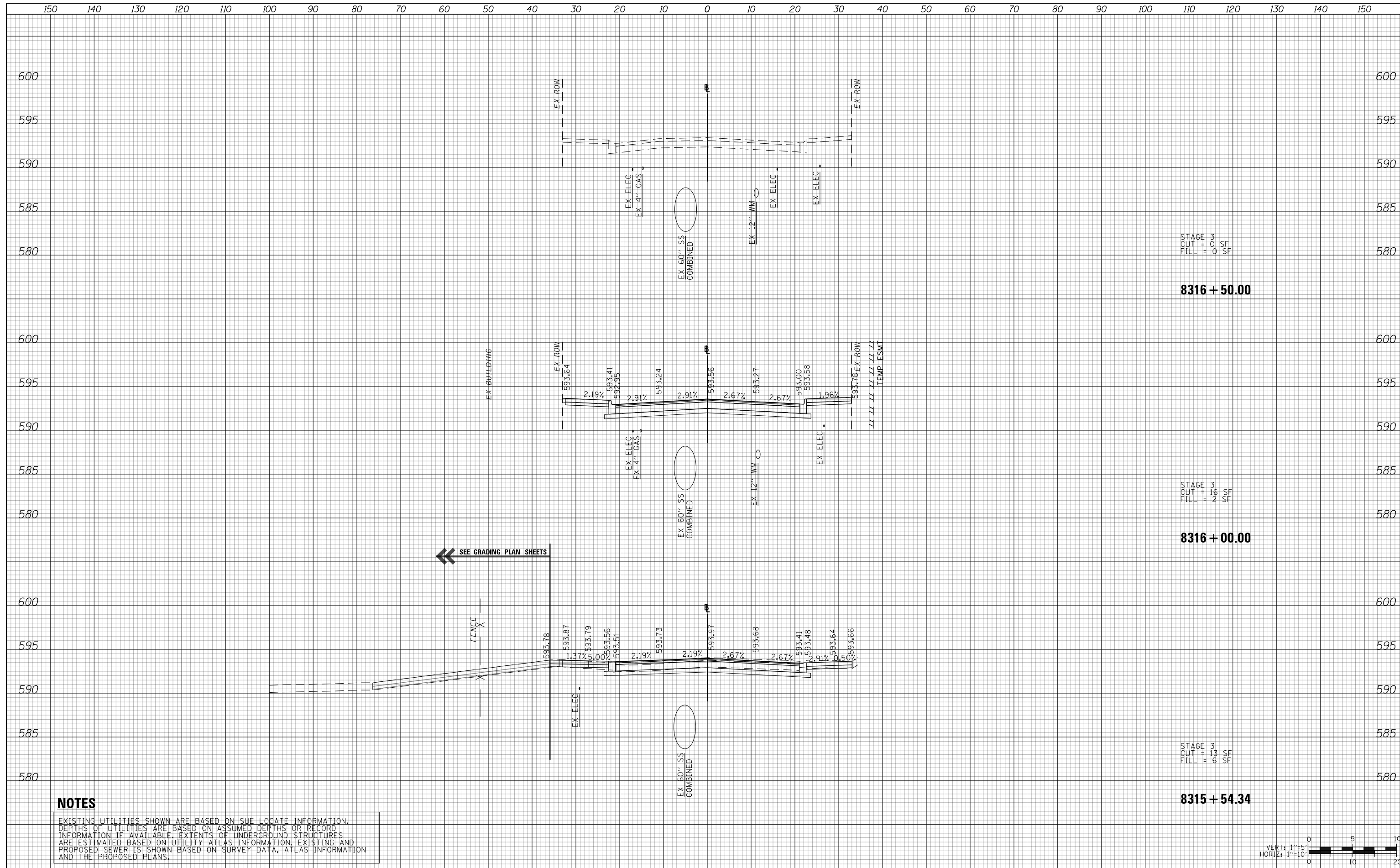
**CROSS SECTIONS  
ADAMS STREET**

SCALE: 10:H 5:V SHEET 4 OF 5 SHEETS STA. 8315+11.35 TO STA. 8315+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	625
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

DATE	
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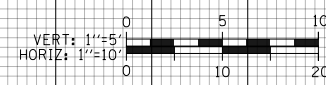
STAGE 3  
CUT = 0 SF  
FILL = 0 SF  
**8316 + 50.00**

STAGE 3  
CUT = 16 SF  
FILL = 2 SF  
**8316 + 00.00**

STAGE 3  
CUT = 13 SF  
FILL = 6 SF  
**8315 + 54.34**

**NOTES**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ADAMS STREET**

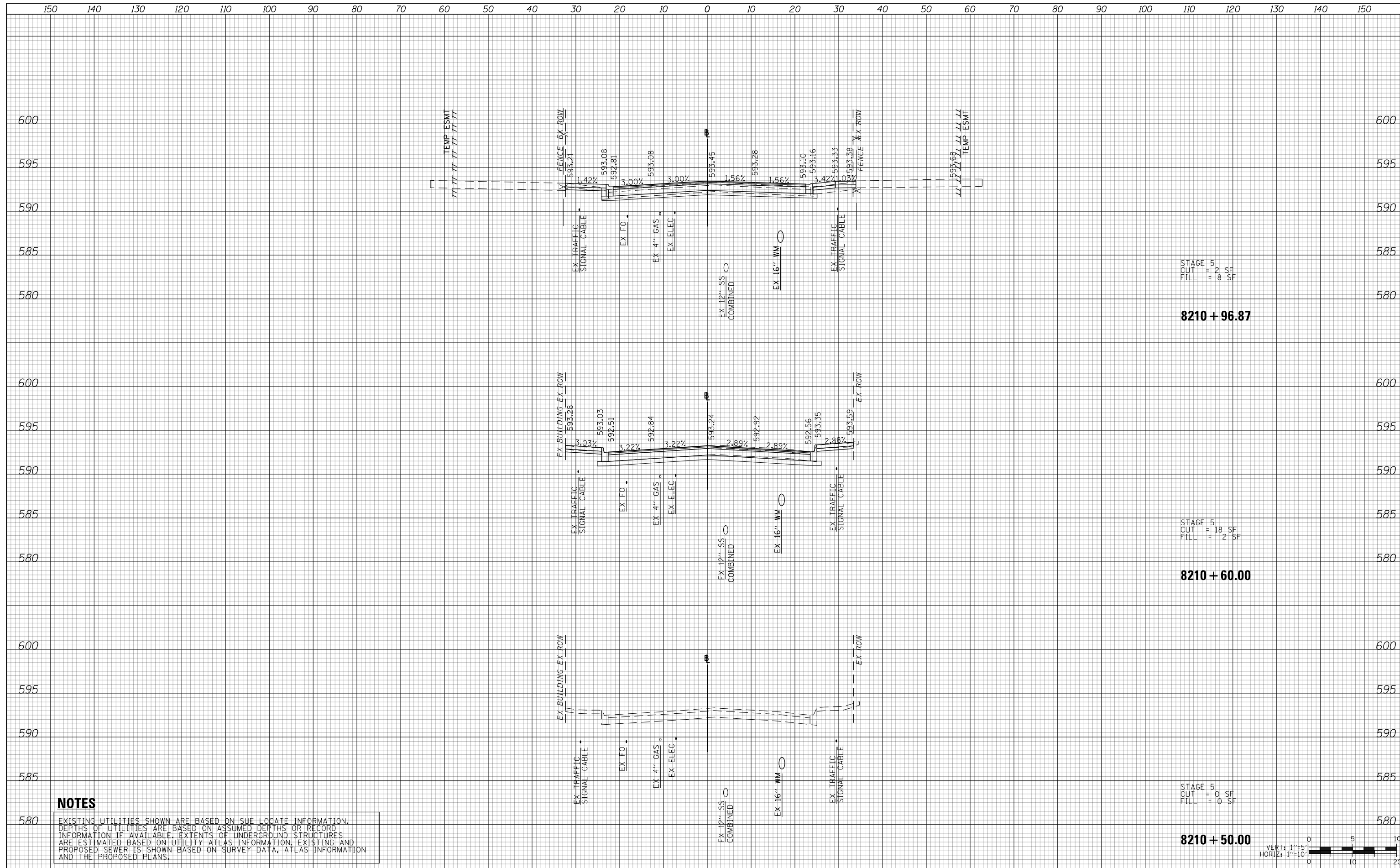
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	626
				CONTRACT NO. 60X94

ILLINOIS FED. AID PROJECT

DATE	
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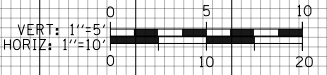
**NOTES**

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STAGE 5  
CUT = 2 SF  
FILL = 8 SF

STAGE 5  
CUT = 18 SF  
FILL = 2 SF

STAGE 5  
CUT = 0 SF  
FILL = 0 SF



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

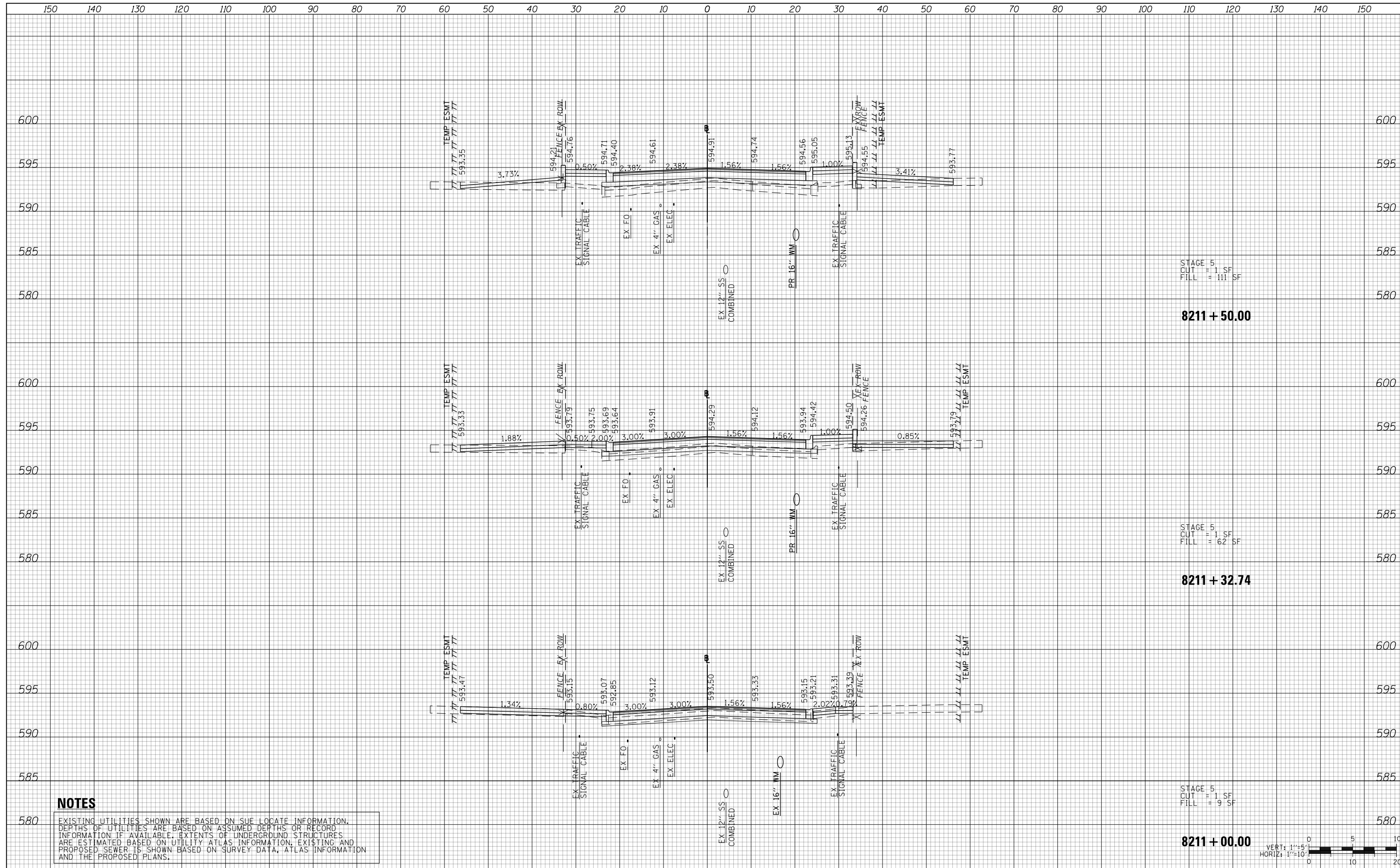
**CROSS SECTIONS  
JACKSON BOULEVARD**

SCALE: 10'H 5'V SHEET 1 OF 6 SHEETS STA. 8210+50.00 TO STA. 8210+96.87

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	627
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

DATE	BY
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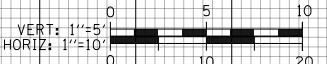
**NOTES**

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STAGE 5  
CUT = 1 SF  
FILL = 111 SF

STAGE 5  
CUT = 1 SF  
FILL = 62 SF

STAGE 5  
CUT = 1 SF  
FILL = 9 SF



D160X94-SHT-XSC-02-JAC.dgn	DESIGNED - VLJ	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

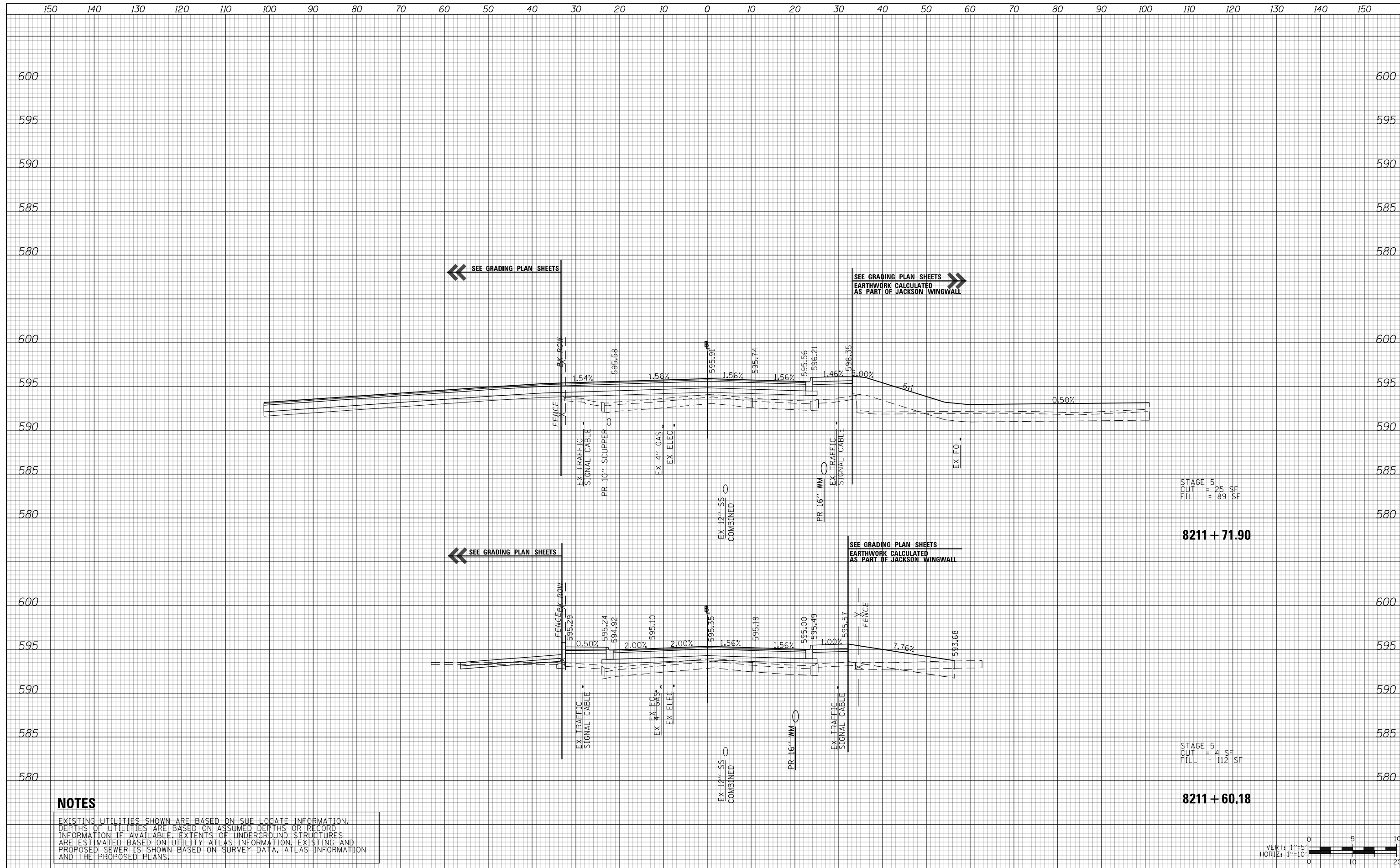
**CROSS SECTIONS  
JACKSON BOULEVARD**

SCALE: 10'H 5'V SHEET 2 OF 6 SHEETS STA. 8211+00.00 TO STA. 8211+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	628
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

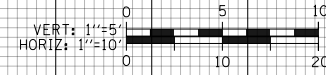
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CHECKED	
NO.	



**NOTES**

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D160X94-SHT-XSC-02-JAC.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

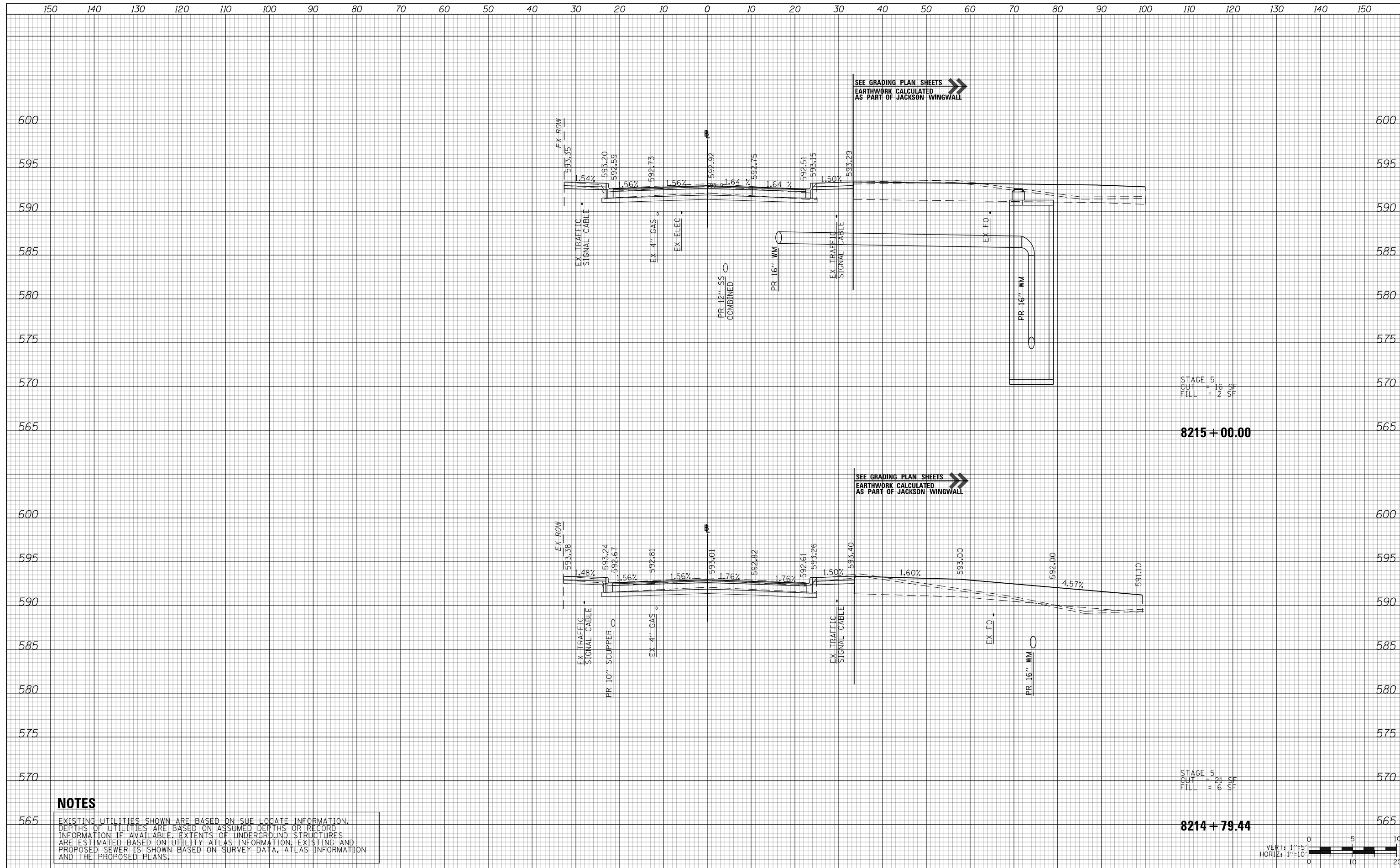
**CROSS SECTIONS  
JACKSON BOULEVARD**

SCALE: 10:H 5:V SHEET 3 OF 6 SHEETS STA. 8211+60.18 TO STA. 8211+72.05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	629
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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

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



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D160X94-SHT-XSC-02-JAC.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

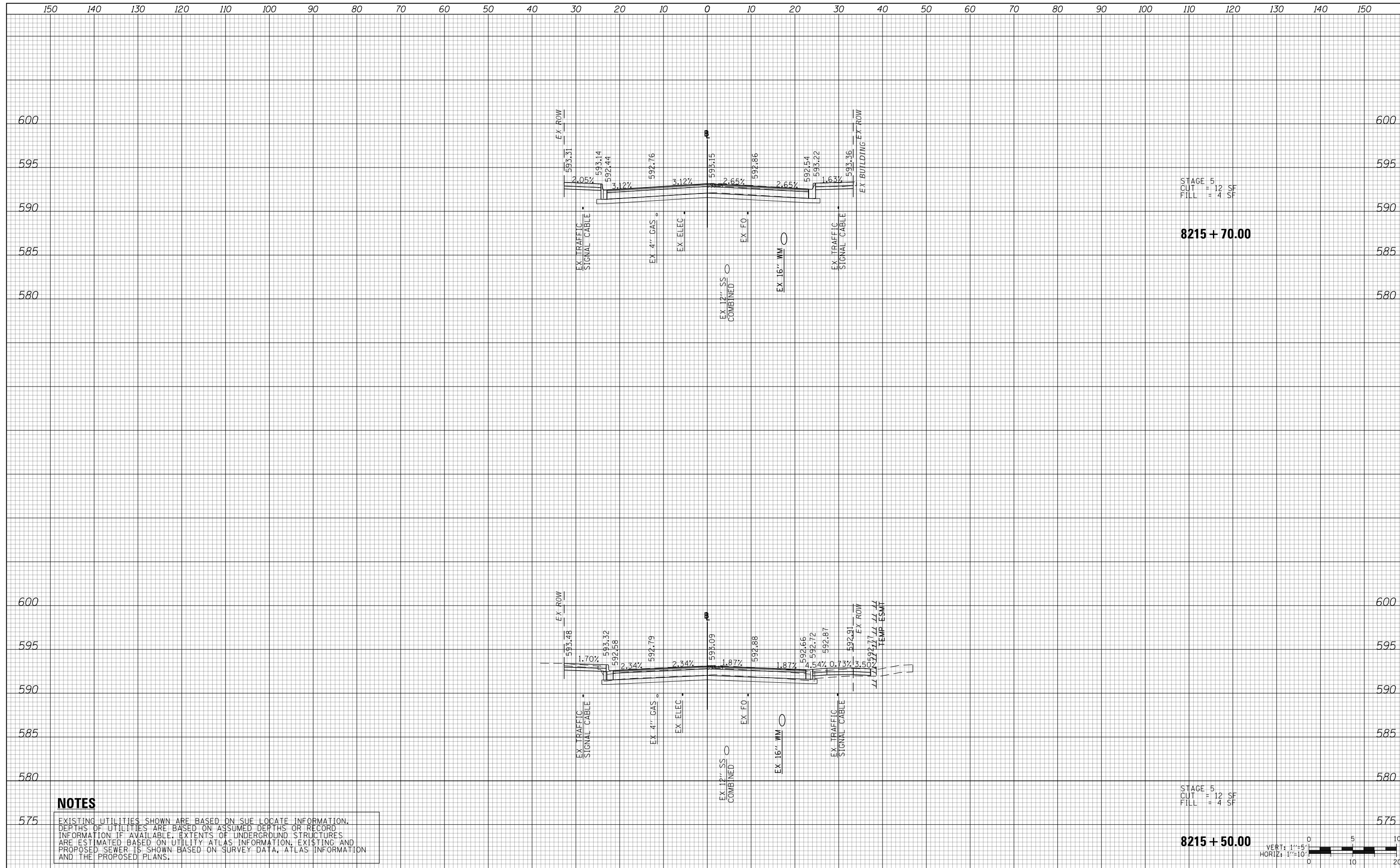
**CROSS SECTIONS  
JACKSON BOULEVARD**

SCALE: 10:H 5:V SHEET 4 OF 6 SHEETS STA. 8214+00.00 TO STA. 8214+10.48

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	630
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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DATE	
BY	
SURVEYED	
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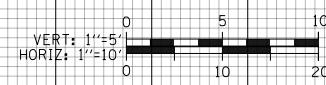


STAGE 5  
 CUT = 12 SF  
 FILL = 4 SF

8215 + 70.00

STAGE 5  
 CUT = 12 SF  
 FILL = 4 SF

8215 + 50.00



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D160X94-SHT-XSC-02-JAC.dgn  
 USER NAME = vljanachione  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 3/10/2020

DESIGNED - VLJ  
 DRAWN - ZMZ  
 CHECKED - MJL  
 DATE - 3-13-2020

REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 JACKSON BOULEVARD

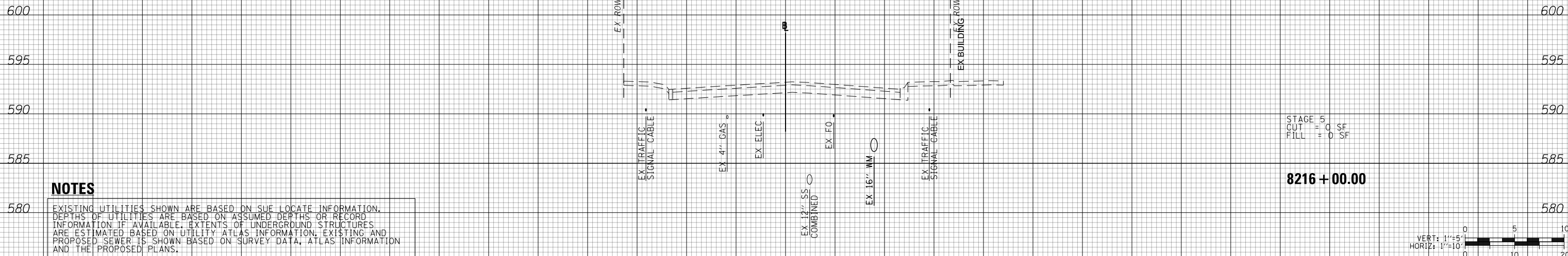
SCALE: 10:H 5:V SHEET 5 OF 6 SHEETS STA. 8214+50.00 TO STA. 8215+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	631
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	DATE



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D160X94-SHT-XSC-02-JAC.dgn  
 USER NAME = vljanachione  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 3/10/2020

DESIGNED - VLJ  
 DRAWN - ZMZ  
 CHECKED - MJL  
 DATE - 3-13-2020

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
JACKSON BOULEVARD**

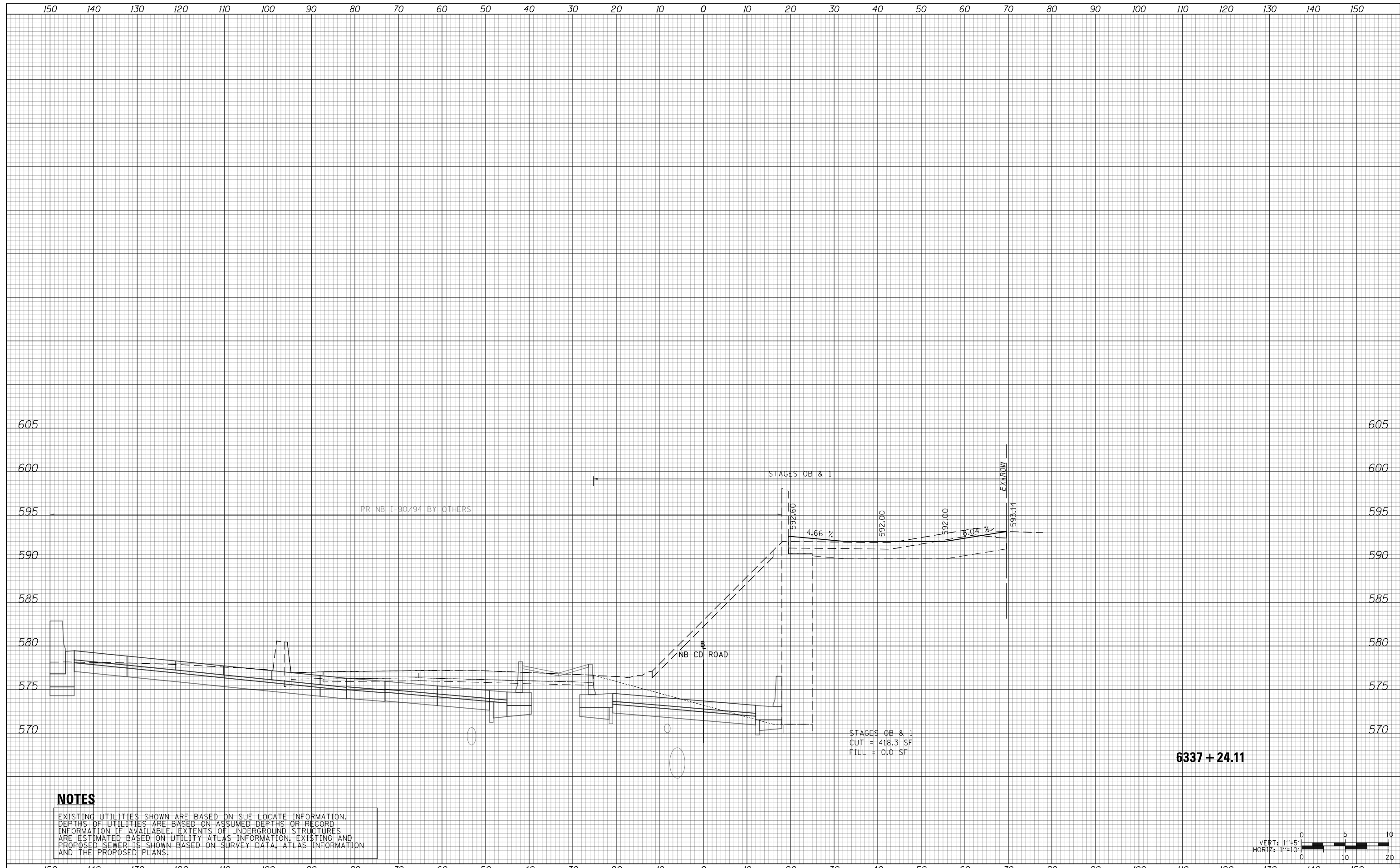
SCALE: 10:H 5:V SHEET 6 OF 6 SHEETS STA. 8215+01.47 TO STA. 8215+70.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	632
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	



DATE	
BY	
SURVEYED	
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FINAL	
SURVEY	
NOTE BOOK	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL	
SURVEY	
NOTE BOOK	
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D160X94-SHT-XSC-05-JNT.dgn  
 USER NAME = vljanachione  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 3/10/2020

DESIGNED - VLJ  
 DRAWN - ZMZ  
 CHECKED - MJL  
 DATE - 3-13-2020

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 NB C-D ROAD**

SCALE: 10'H 5'V SHEET 1 OF 32 SHEETS STA. 6337+24.11 TO STA. 6337+24.11

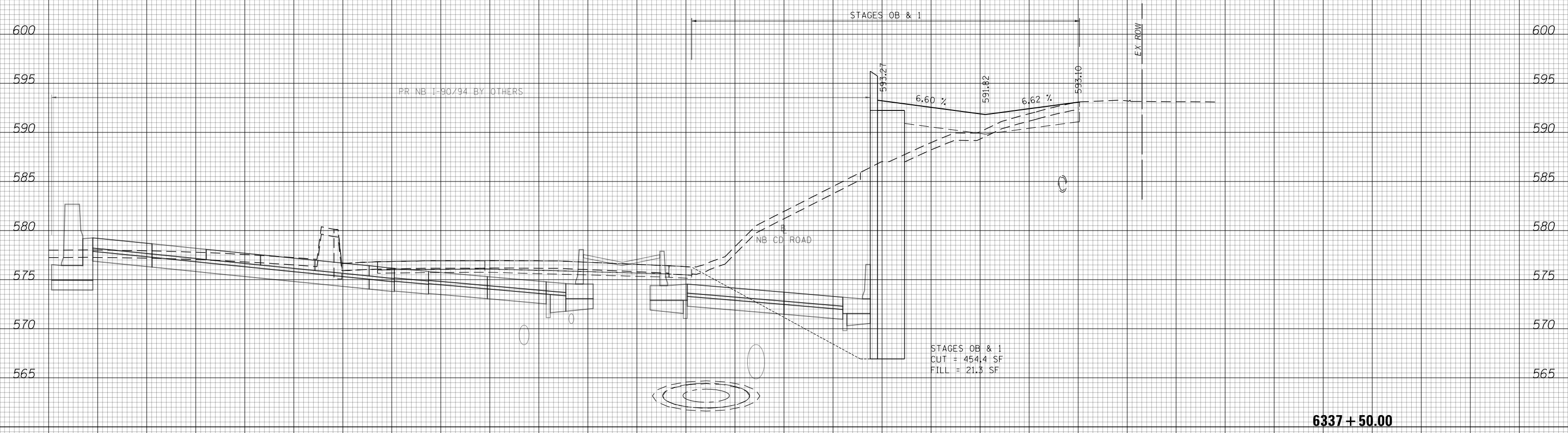
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	633
CONTRACT NO. 60X94				

ILLINOIS FED. AID PROJECT

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

DATE	
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FINAL SURVEY	
NOTE BOOK	
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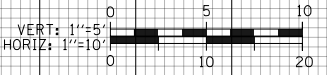
DATE	
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CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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6337 + 50.00



D160X94-SHT-XSC-05-JNT.dgn  
 USER NAME = vljanachione  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 3/10/2020

DESIGNED - VLJ  
 DRAWN - ZMZ  
 CHECKED - MJL  
 DATE - 3-13-2020

REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 NB C-D ROAD

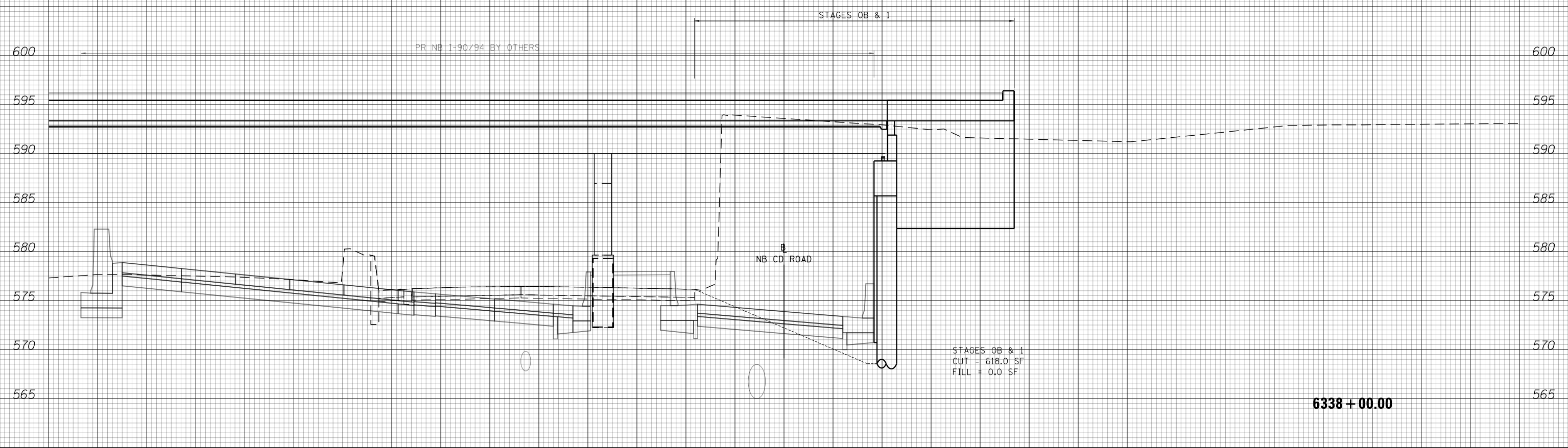
SCALE: 10'H 5'V SHEET 2 OF 32 SHEETS STA. 6337+50.00 TO STA. 6337+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	634
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

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

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

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



**NOTES**

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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

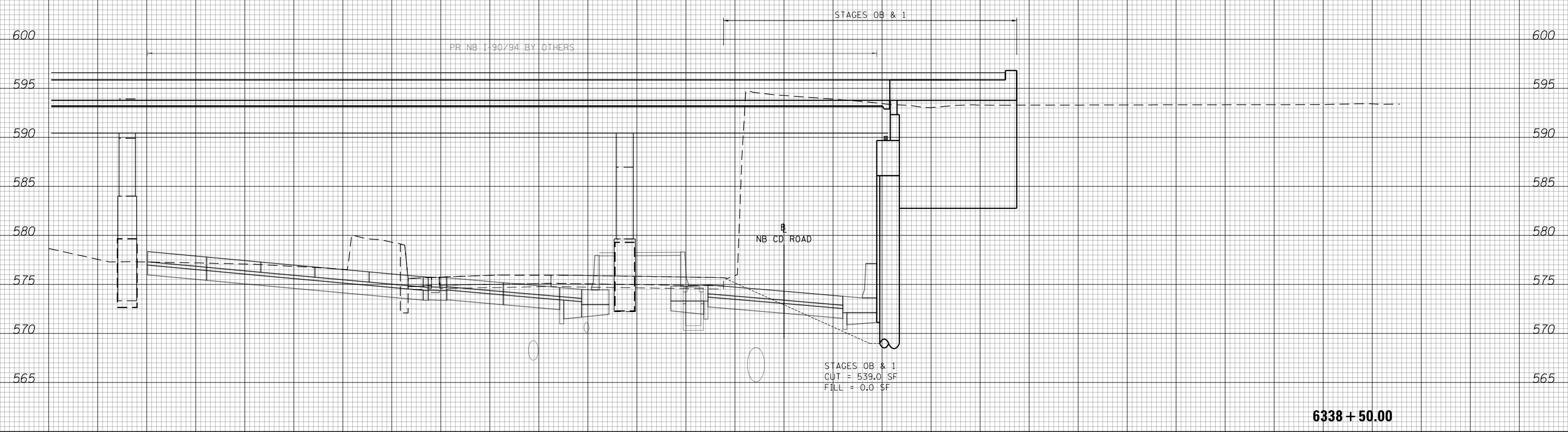
SCALE: 10'H 5'V SHEET 3 OF 32 SHEETS STA. 6338+00.00 TO STA. 6338+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	635
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

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

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

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



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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10'H 5'V SHEET 4 OF 32 SHEETS STA. 6338+50.00 TO STA. 6338+50.00

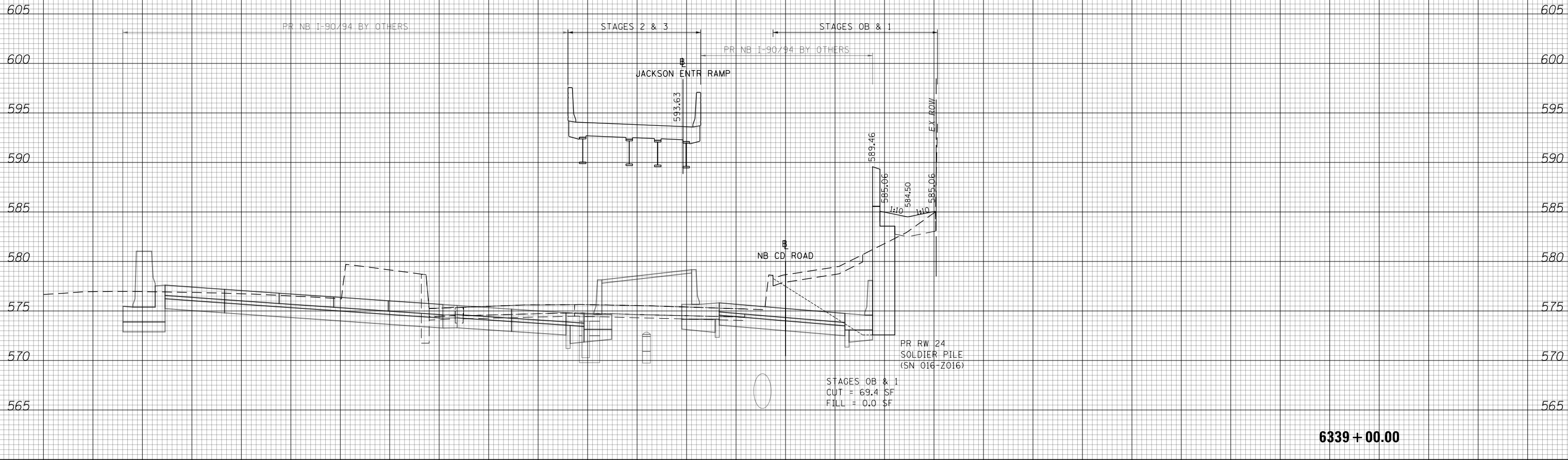
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	636
CONTRACT NO. 60X94				

ILLINOIS FED. AID PROJECT

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

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



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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

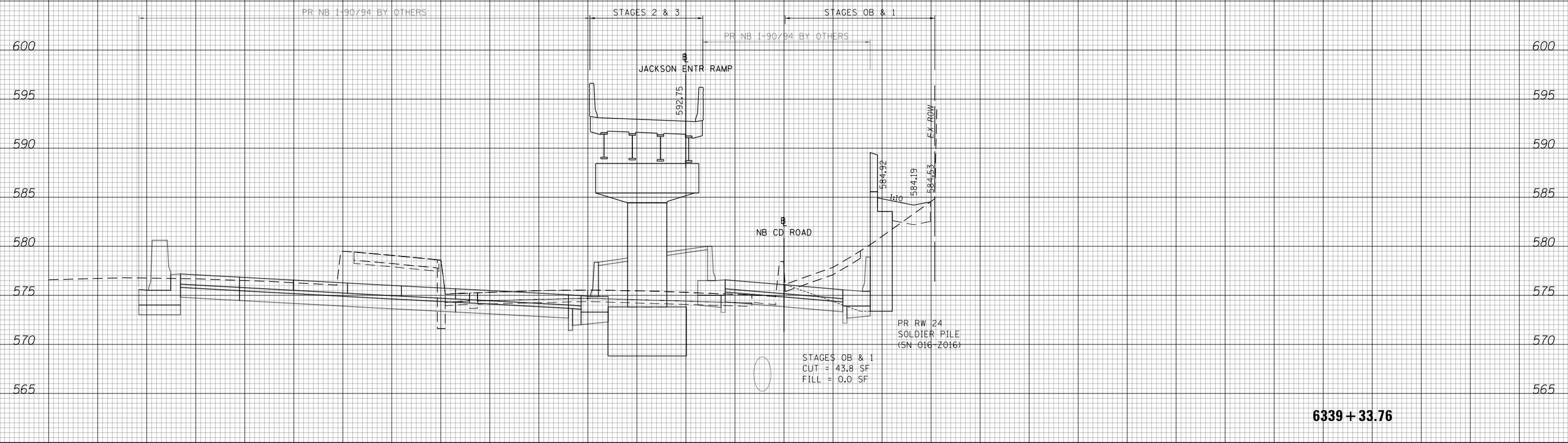
SCALE: 10'H 5"V SHEET 5 OF 32 SHEETS STA. 6339+00.00 TO STA. 6339+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	637
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

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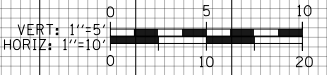
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NOTE BOOK	
NO.	

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



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PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

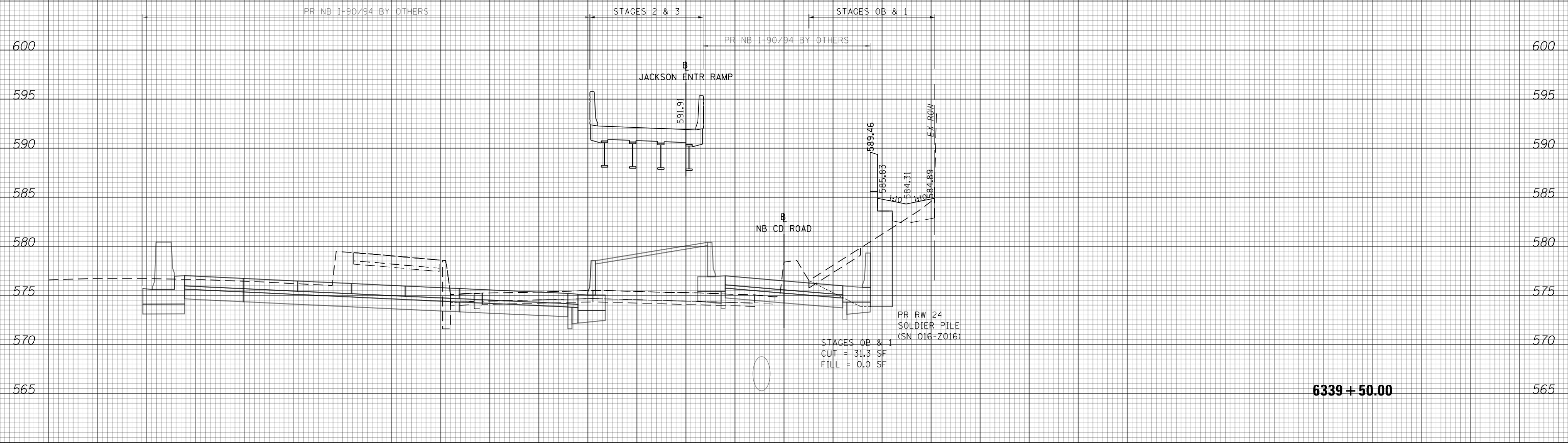
SCALE: 10'H 5'V SHEET 6 OF 32 SHEETS STA. 6339+33.76 TO STA. 6339+33.76

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	638
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

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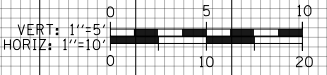
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DATE	
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TEMPLATE	
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CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

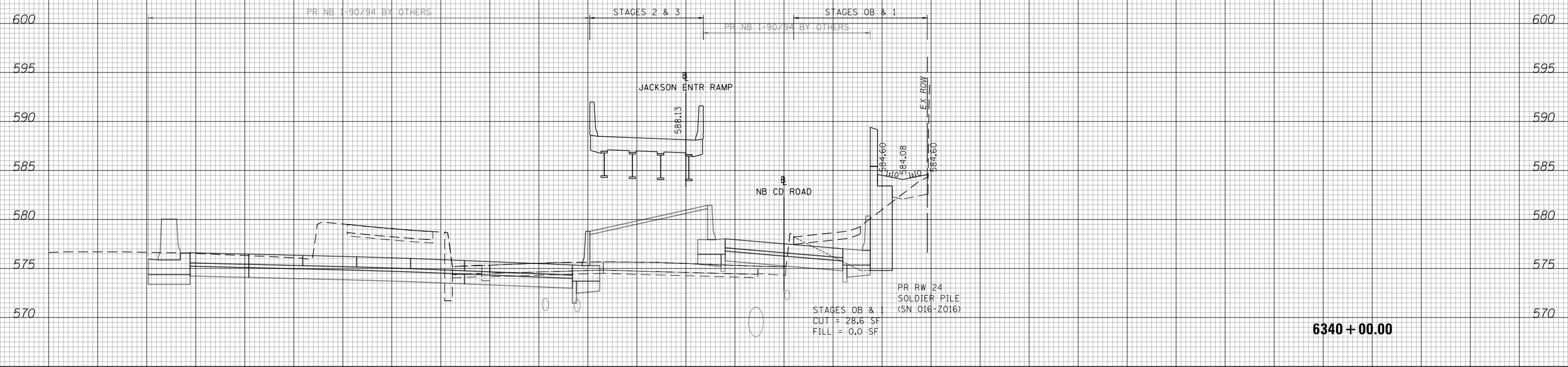
SCALE: 10'H 5'V SHEET 7 OF 32 SHEETS STA. 6339+50.00 TO STA. 6339+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	639
			CONTRACT NO. 60X94	
ILLINOIS FED. AID PROJECT				

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

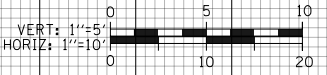
DATE	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10:H 5:V SHEET 8 OF 32 SHEETS STA. 6340+00.00 TO STA. 6340+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	640
CONTRACT NO. 60X94				

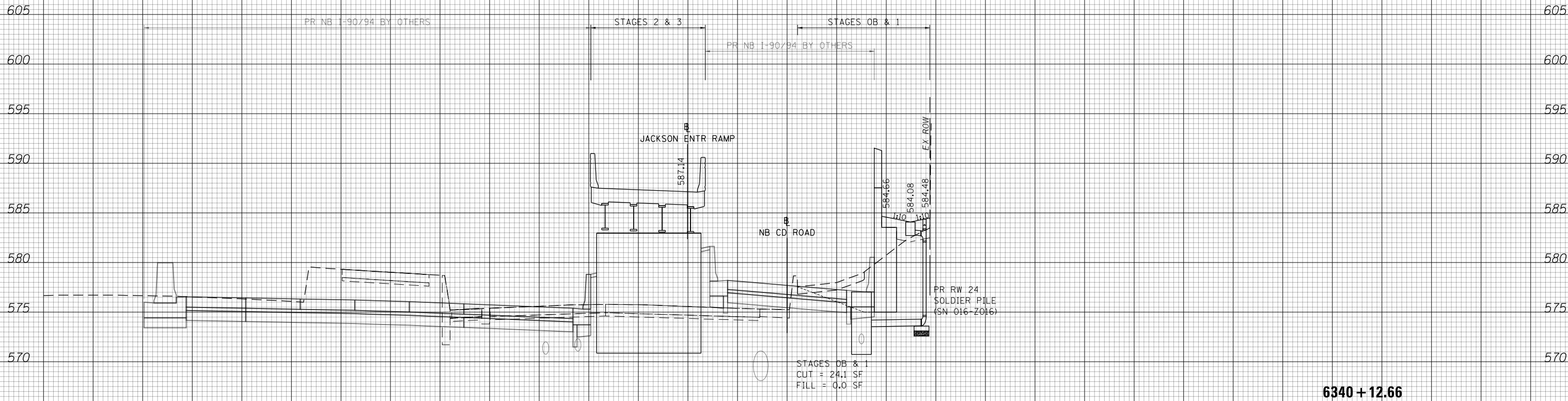
ILLINOIS FED. AID PROJECT



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

DATE	
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PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10:H 5:V SHEET 9 OF 32 SHEETS STA. 6340+12.66 TO STA. 6340+12.66

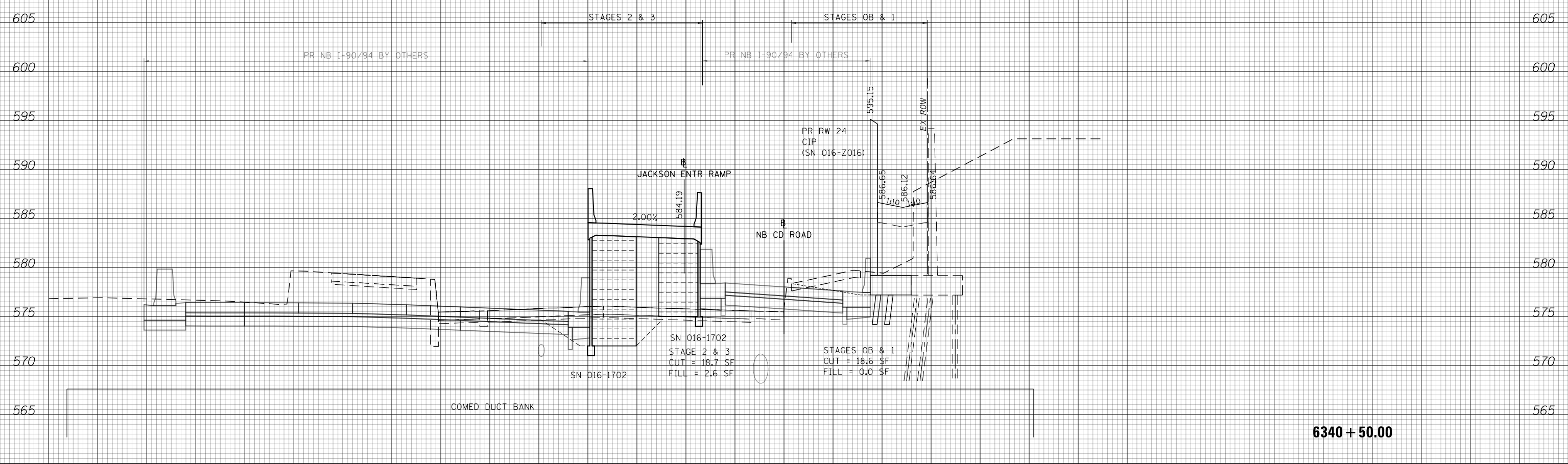
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	641
CONTRACT NO. 60X94				

ILLINOIS FED. AID PROJECT

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

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



**NOTES**

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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

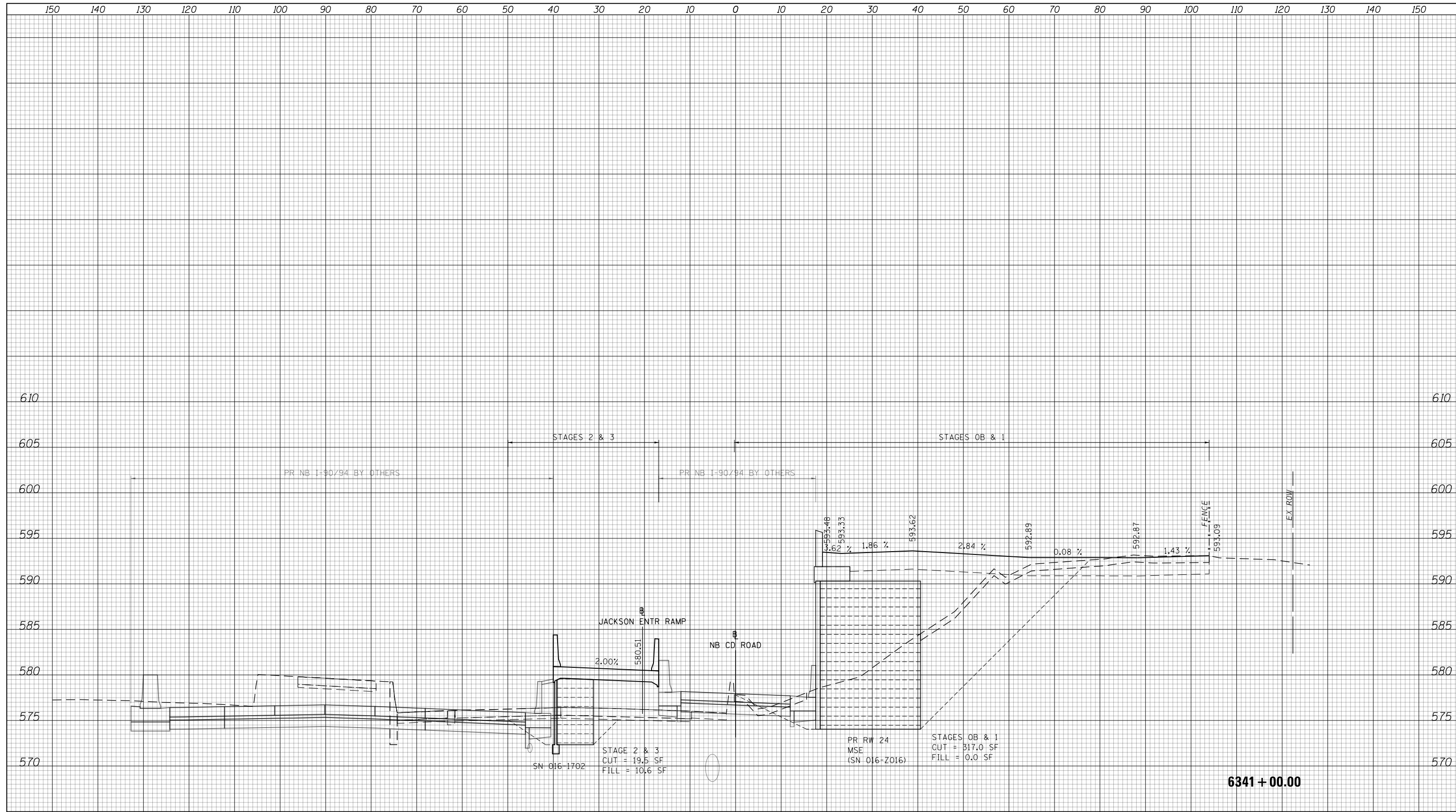
SCALE: 10:H 5:V SHEET 10 OF 32 SHEETS STA. 6340+50.00 TO STA. 6340+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	642
				CONTRACT NO. 60X94

ILLINOIS FED. AID PROJECT

DATE	
BY	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

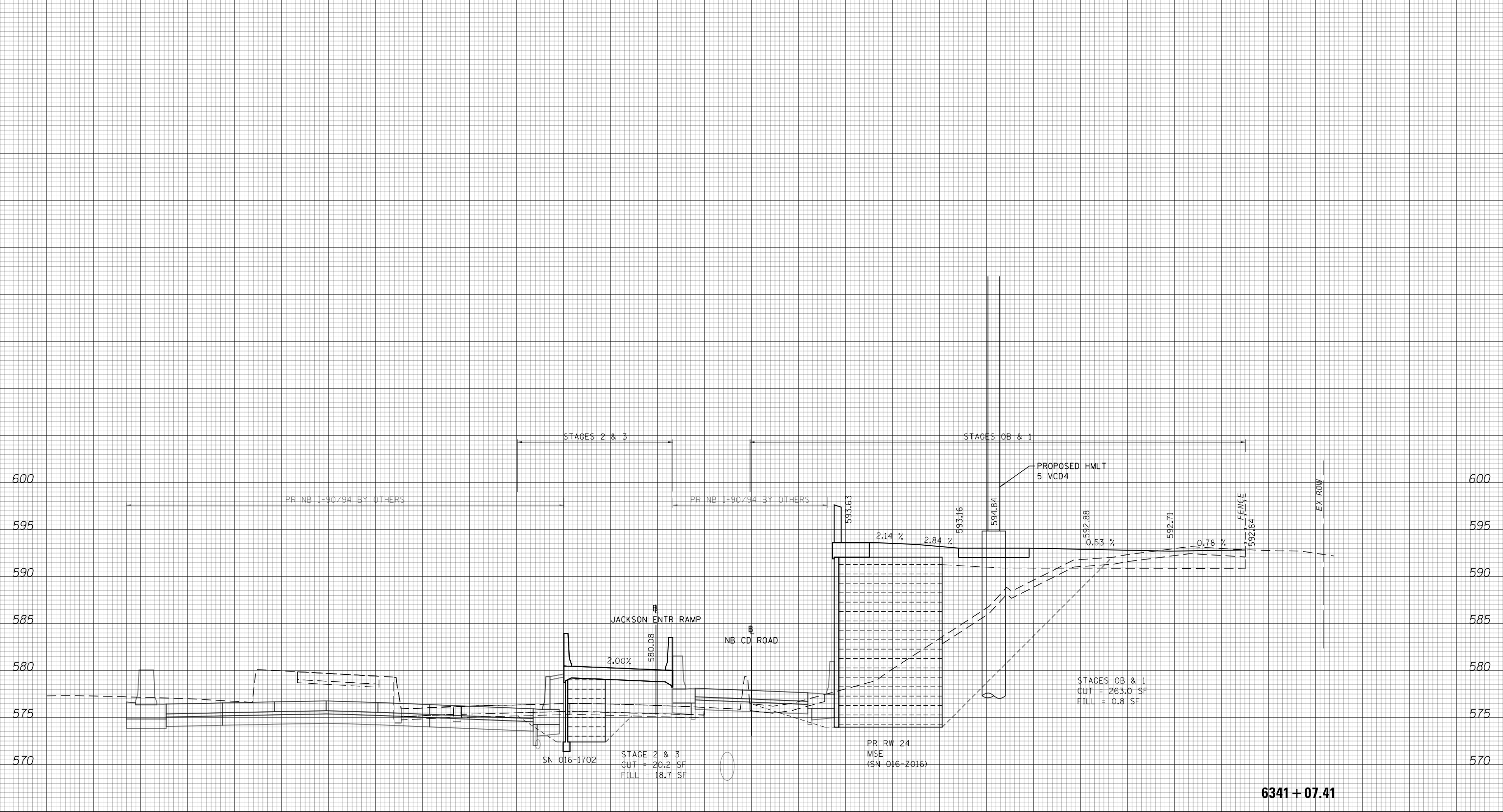
SCALE: 10:H 5:V SHEET 11 OF 32 SHEETS STA. 6341+00.00 TO STA. 6341+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	643
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

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

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

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



6341 + 07.41

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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
NB C-D ROAD

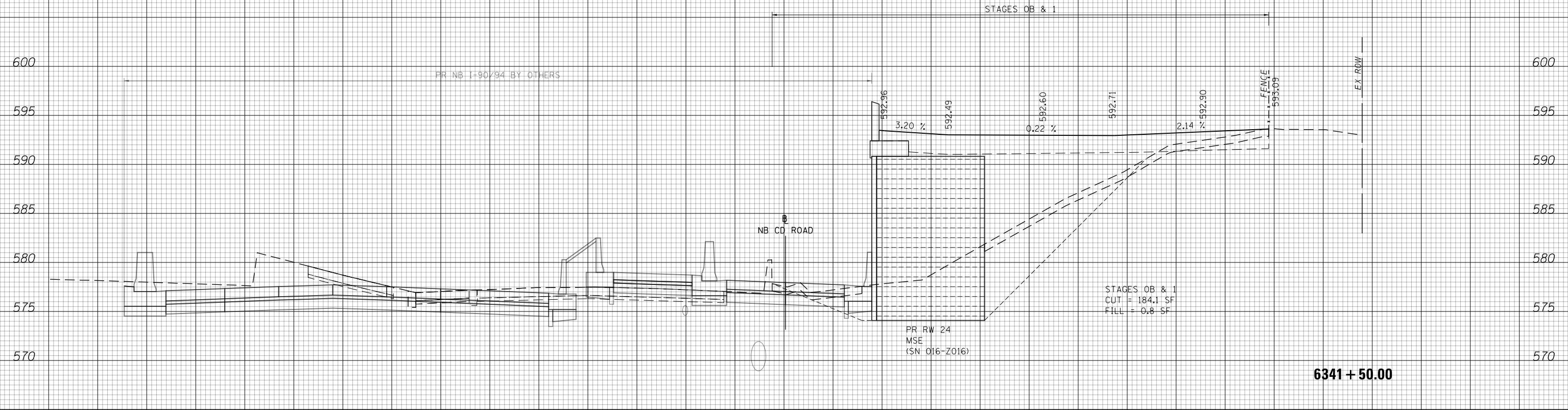
SCALE: 10:H 5:V SHEET 12 OF 32 SHEETS STA. 6341+07.41 TO STA. 6341+07.41

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	644
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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

DATE	
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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
NOTE BOOK	
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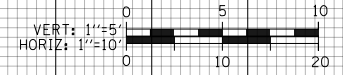


STAGES OB & 1  
CUT = 184.1 SF  
FILL = 0.8 SF

6341 + 50.00

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USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

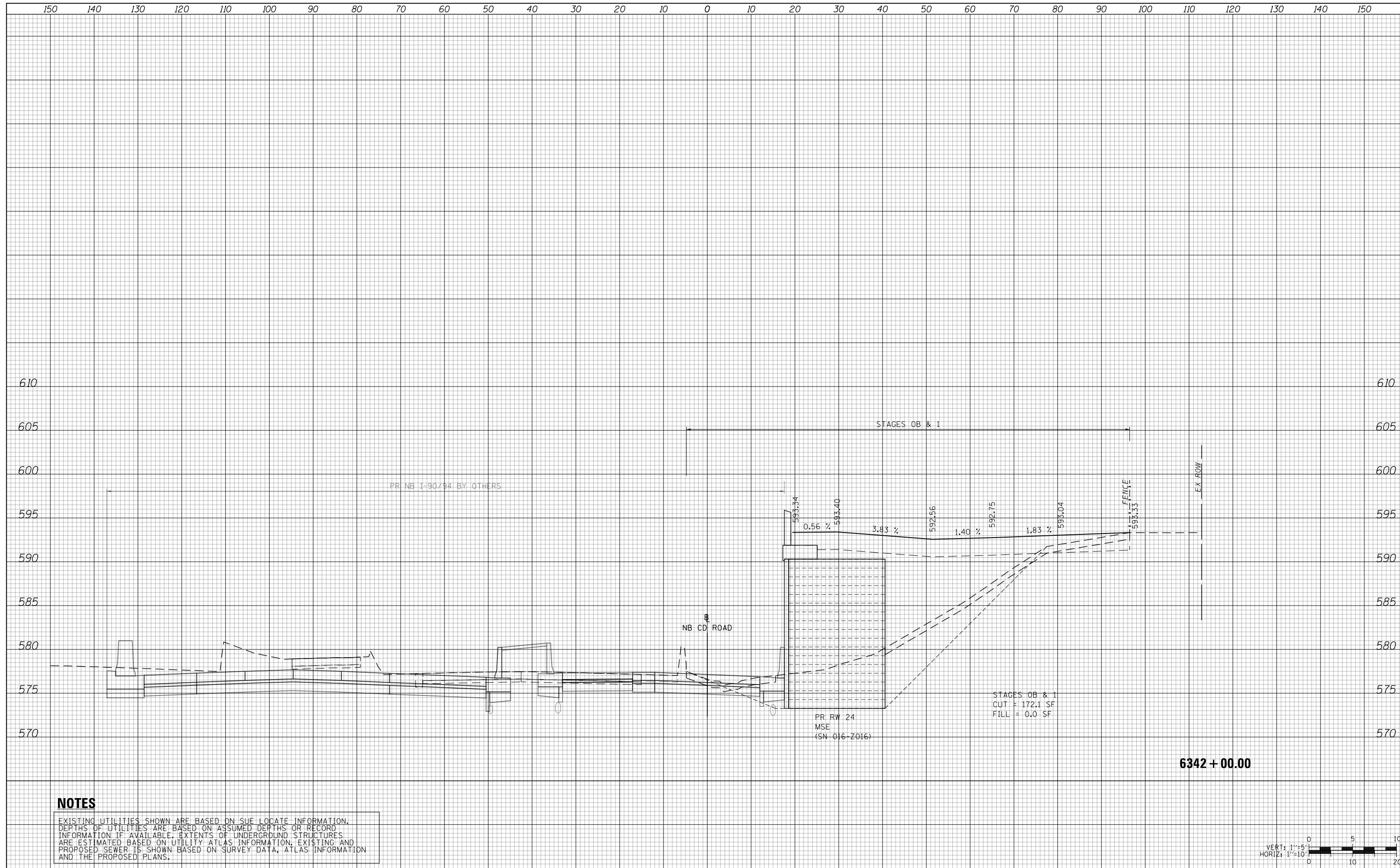
CROSS SECTIONS  
NB C-D ROAD

SCALE: 10:H 5:V SHEET 13 OF 32 SHEETS STA. 6341+50.00 TO STA. 6341+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	645
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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PLOTTED	
TEMPLATE	
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CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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D160X94-SHT-XSC-05-JNT.dgn  
 USER NAME = vljanachione  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 3/10/2020

DESIGNED - VLJ  
 DRAWN - ZMZ  
 CHECKED - MJL  
 DATE - 3-13-2020

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

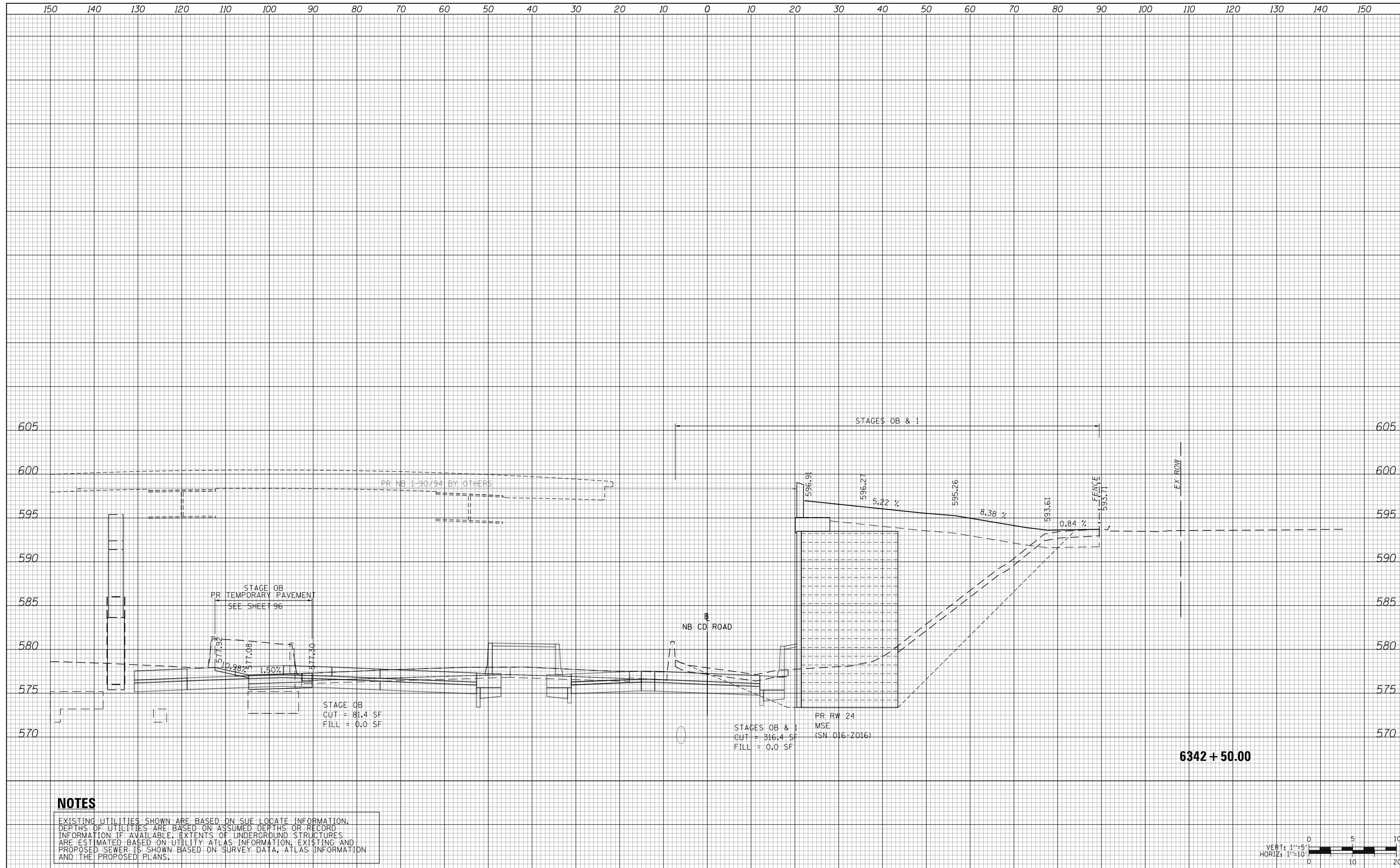
**CROSS SECTIONS  
 NB C-D ROAD**

SCALE: 10:H 5:V SHEET 14 OF 32 SHEETS STA. 6342+00.00 TO STA. 6342+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	646
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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

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AREAS CHECKED	



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PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

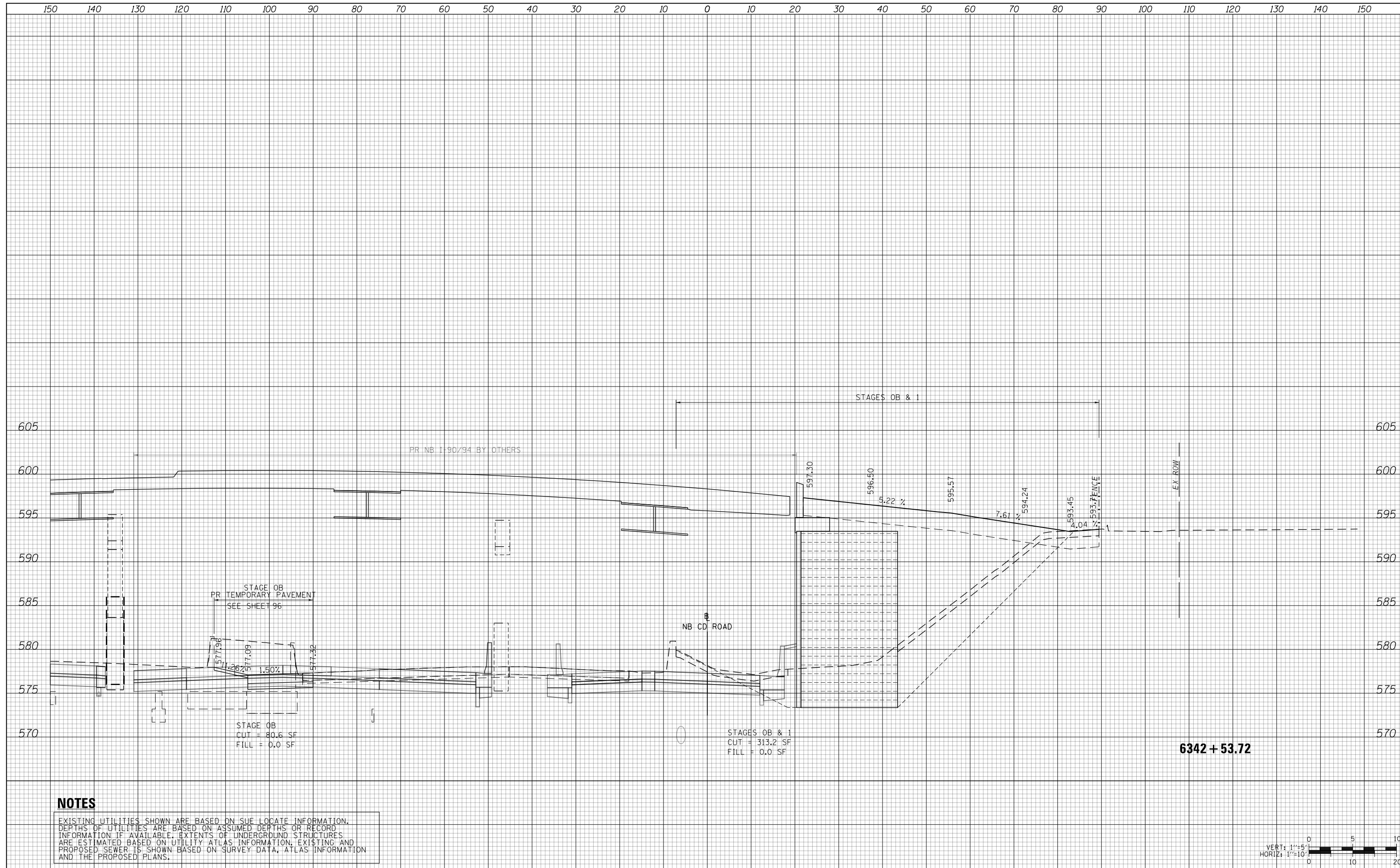
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	647
				CONTRACT NO. 60X94

SCALE: 10:H 5:V SHEET 15 OF 32 SHEETS STA. 6342+50.00 TO STA. 6342+50.00

ILLINOIS FED. AID PROJECT

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PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10:H 5:V SHEET 16 OF 32 SHEETS STA. 6342+53.72 TO STA. 6342+53.72

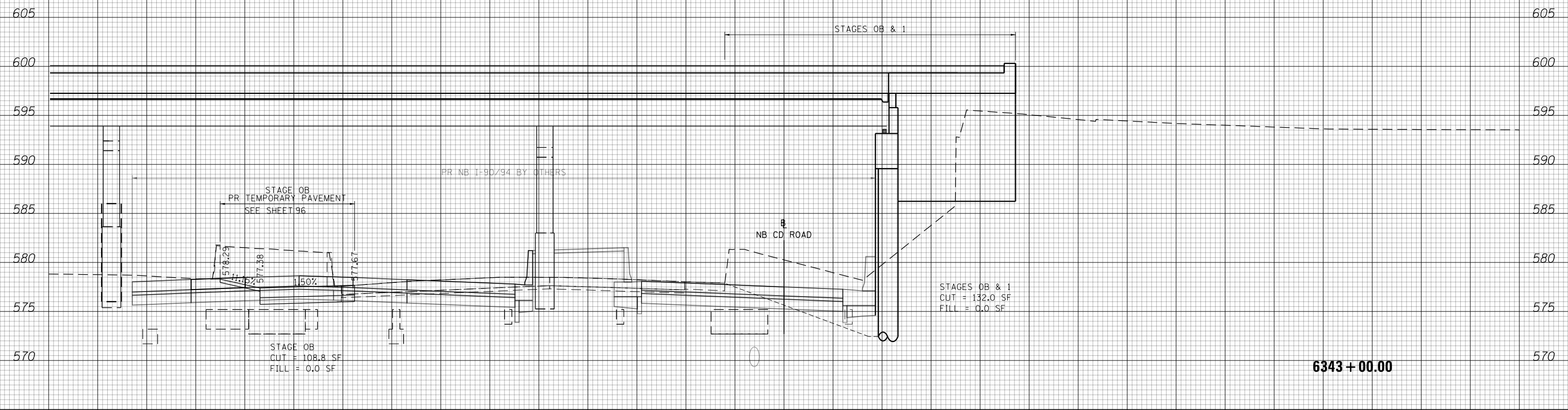
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	648
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				



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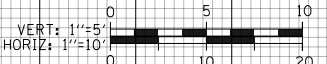
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

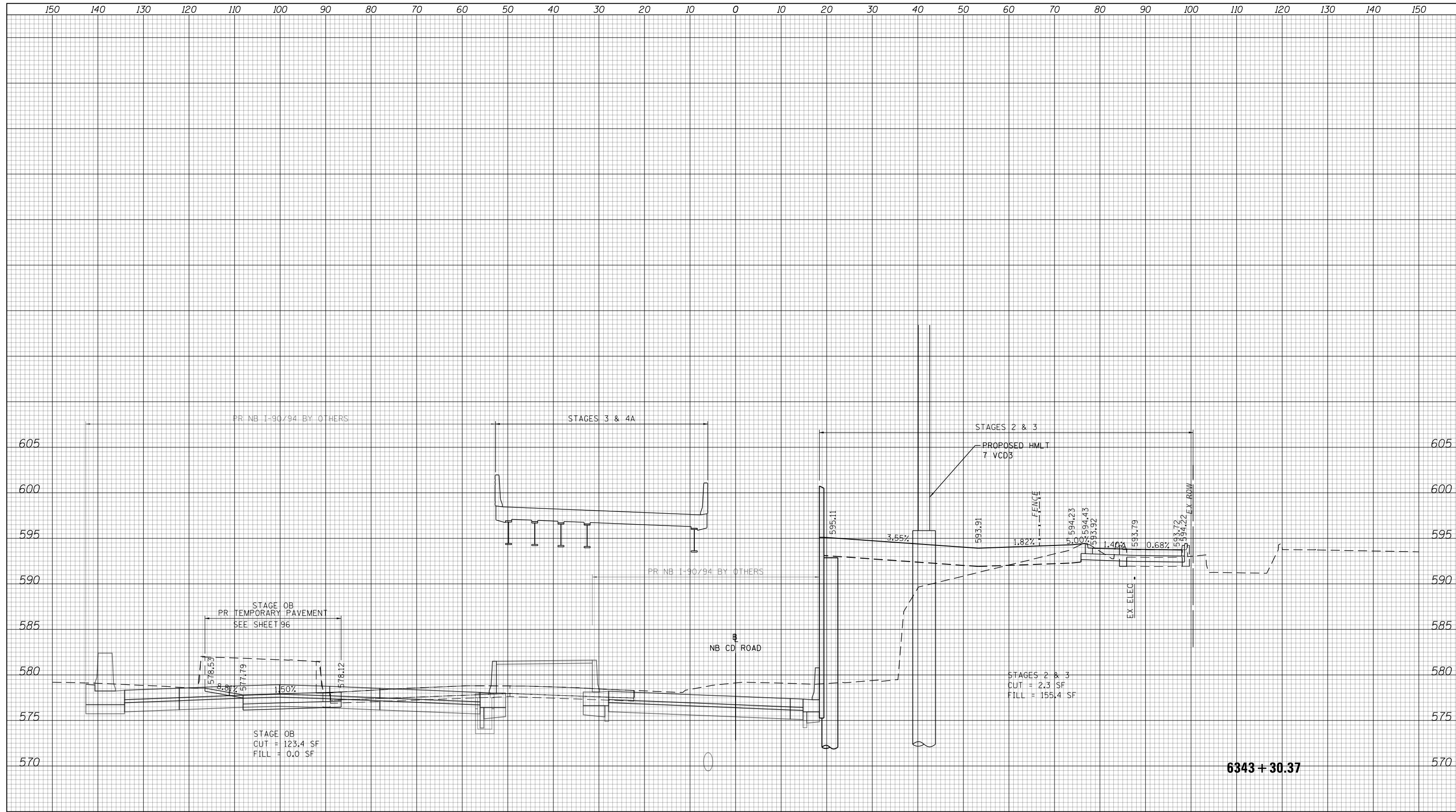
SCALE: 10'H 5'V SHEET 17 OF 32 SHEETS STA. 6343+00.00 TO STA. 6343+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	649
			CONTRACT NO. 60X94	

ILLINOIS FED. AID PROJECT

DATE	
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FINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
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SURVEYED PLOTTED AREAS CHECKED	
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PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

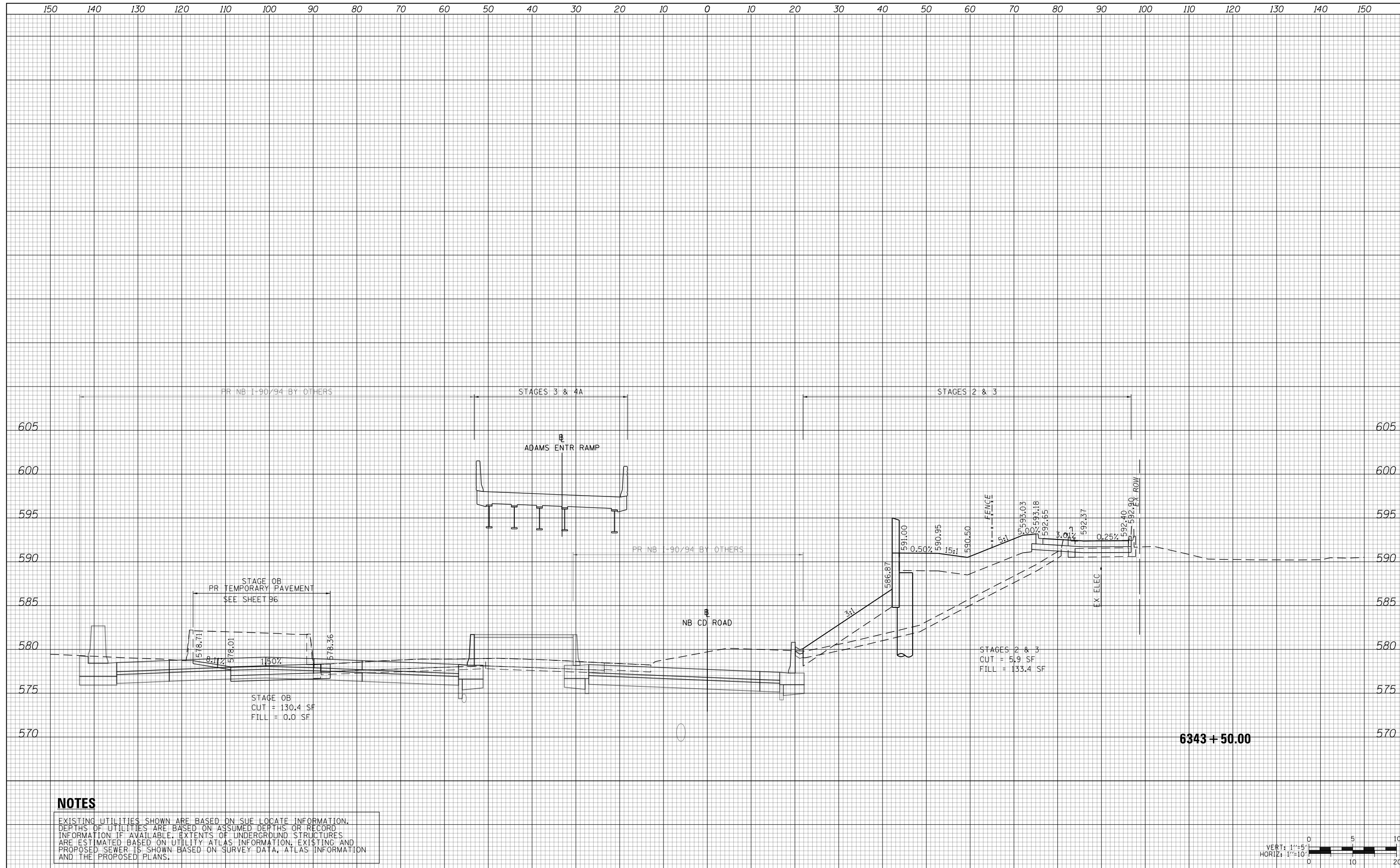
**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10:H 5:V SHEET 18 OF 32 SHEETS STA. 6343+30.37 TO STA. 6343+30.37

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	650
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

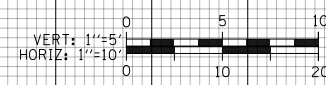
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

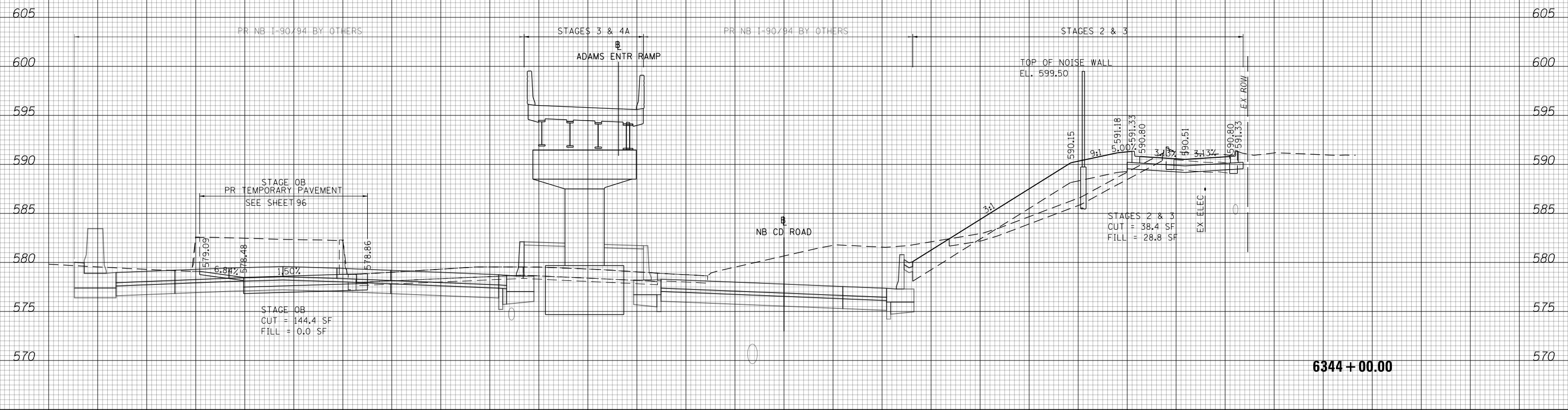
<b>CROSS SECTIONS</b>			
<b>NB C-D ROAD</b>			
SCALE: 10'H 5'V	SHEET 19	OF 32 SHEETS	STA. 6343+50.00 TO STA. 6343+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	651
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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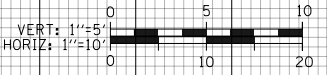
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NOTE BOOK	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

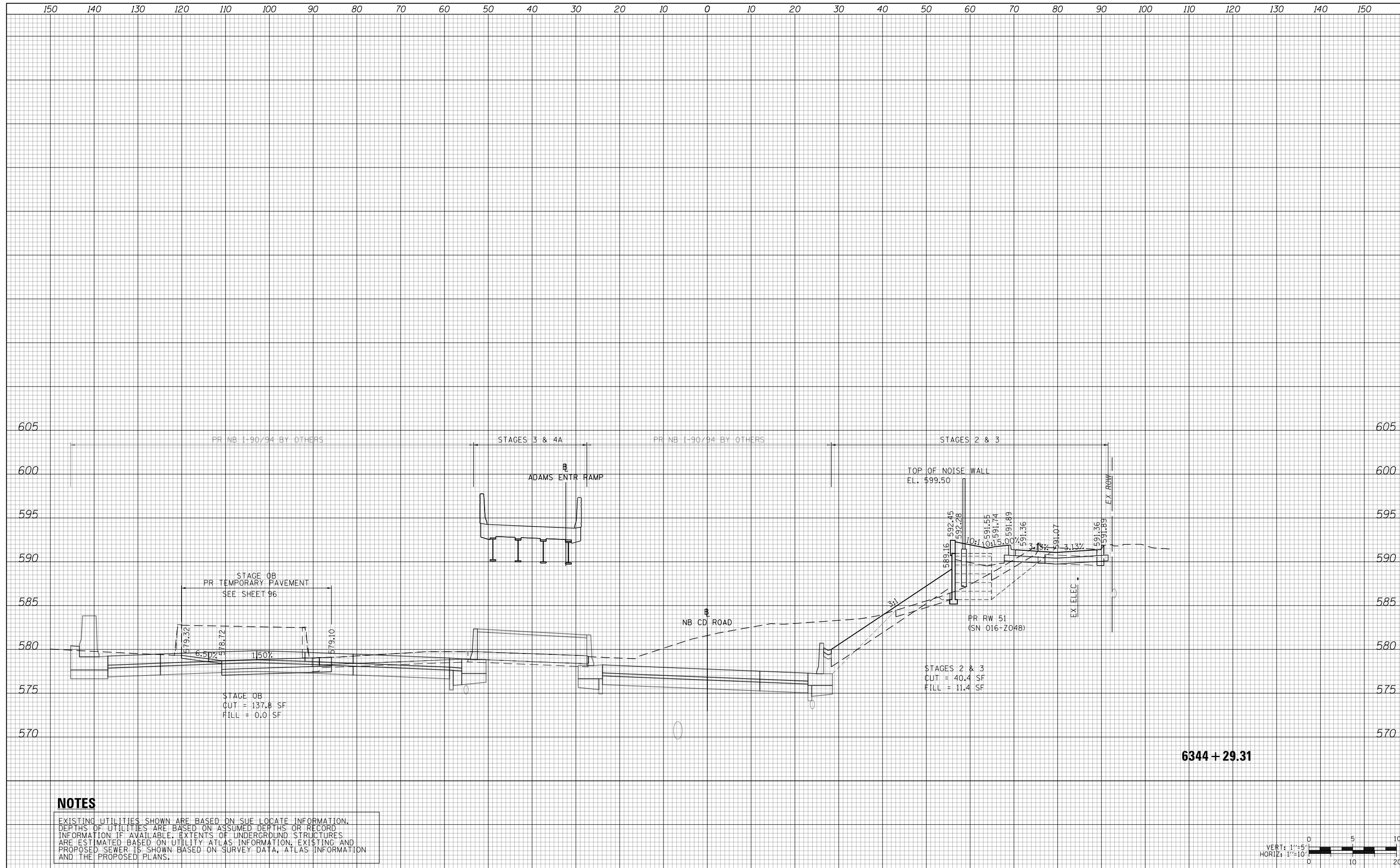
**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10'H 5'V SHEET 20 OF 32 SHEETS STA. 6344+00.00 TO STA. 6344+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	652
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

DATE	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

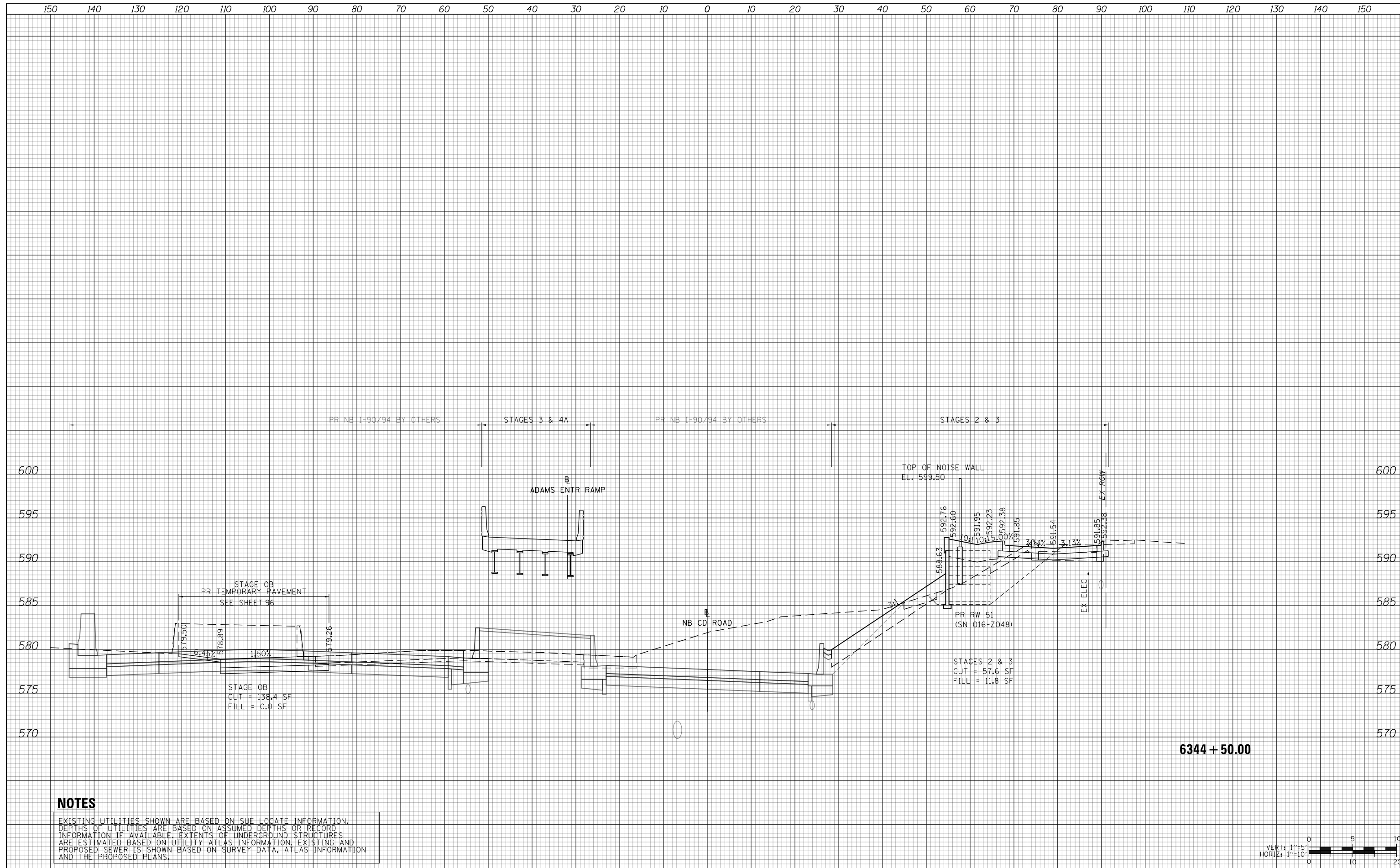
**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10:H 5:V SHEET 21 OF 32 SHEETS STA. 6344+29.31 TO STA. 6344+29.31

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	653
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

DATE	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

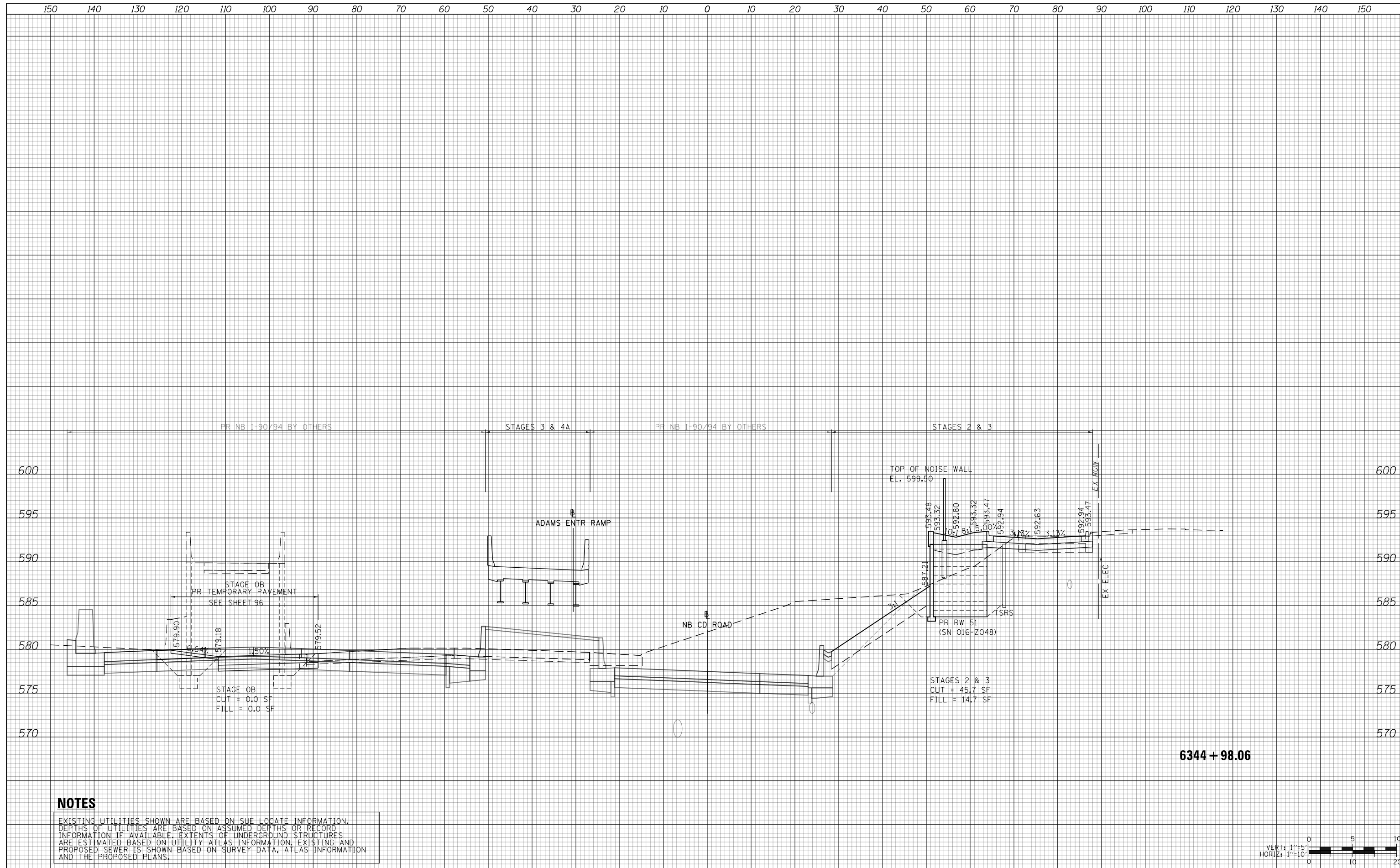
**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10'H 5'V SHEET 22 OF 32 SHEETS STA. 6344+50.00 TO STA. 6344+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	654
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

DATE	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

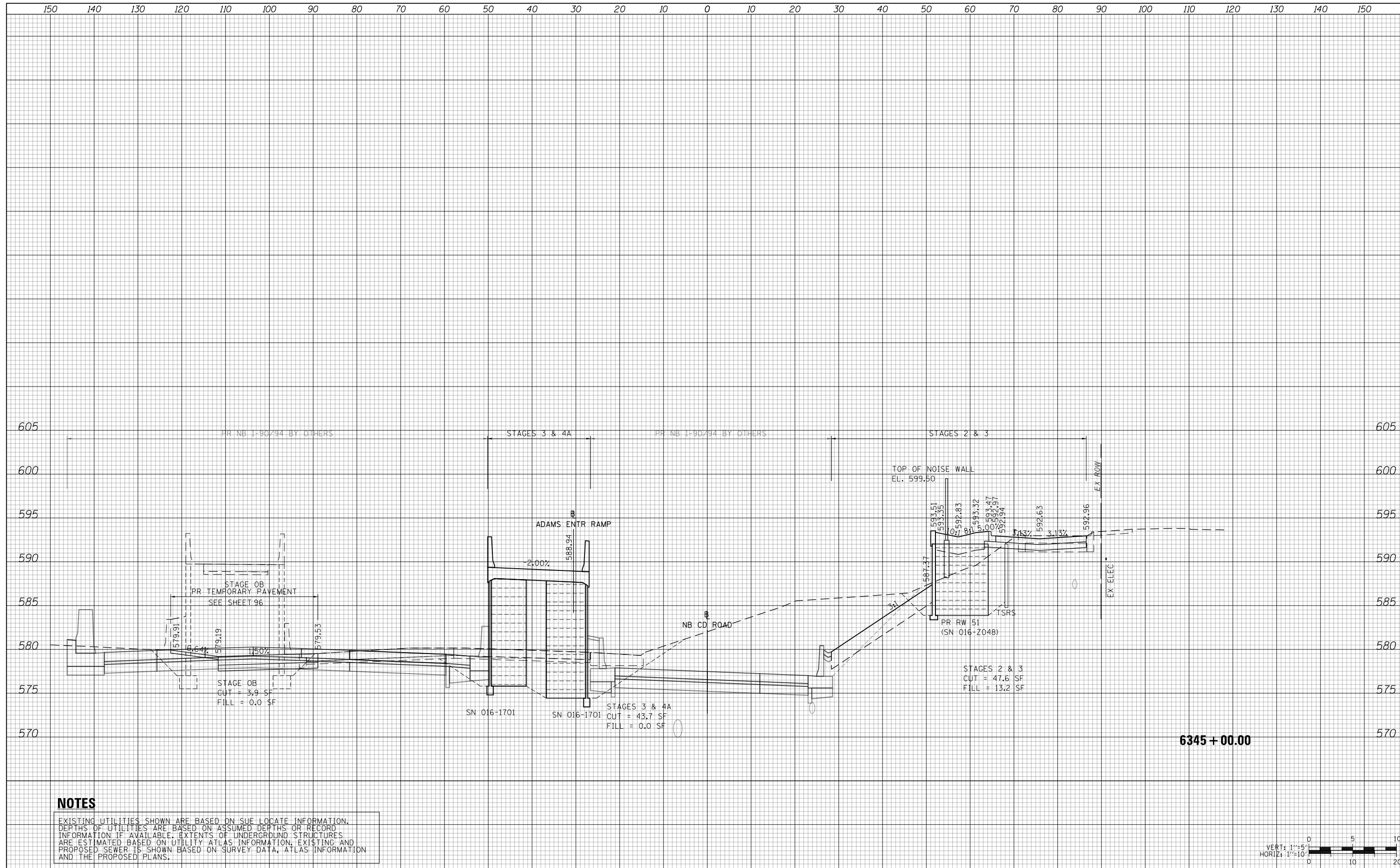
**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10:H 5:V SHEET 23 OF 32 SHEETS STA. 6344+98.06 TO STA. 6344+98.06

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	655
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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

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



**NOTES**

EXISTING UTILITIES SHOWN ARE BASED ON SUE LOCATE INFORMATION. DEPTHS OF UTILITIES ARE BASED ON ASSUMED DEPTHS OR RECORD INFORMATION IF AVAILABLE. EXTENTS OF UNDERGROUND STRUCTURES ARE ESTIMATED BASED ON UTILITY ATLAS INFORMATION, EXISTING AND PROPOSED SEWER IS SHOWN BASED ON SURVEY DATA, ATLAS INFORMATION AND THE PROPOSED PLANS.



D160X94-SHT-XSC-05-JNT.dgn  
 USER NAME = vljanachione  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 3/10/2020

DESIGNED - VLJ  
 DRAWN - ZMZ  
 CHECKED - MJL  
 DATE - 3-13-2020

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 NB C-D ROAD**

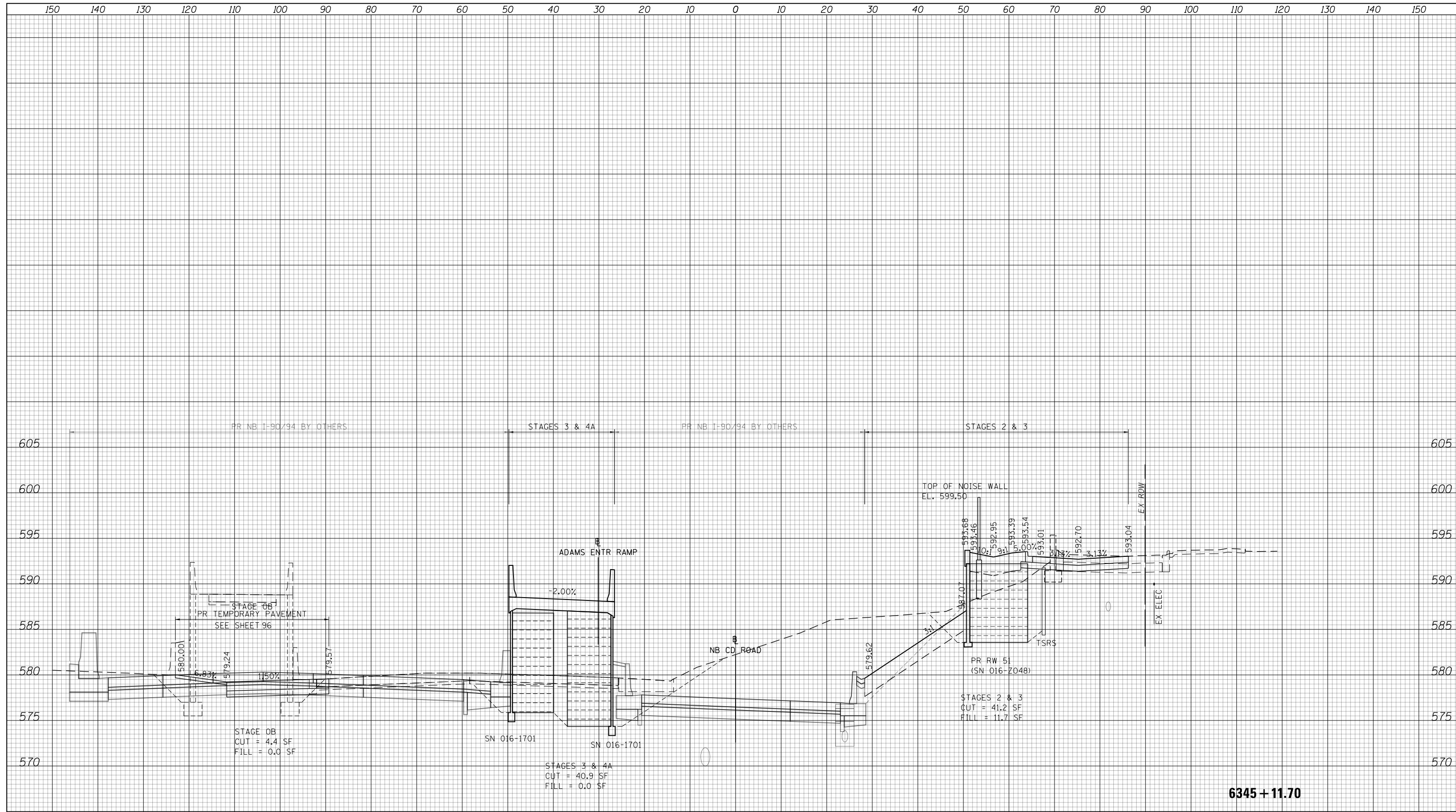
SCALE: 10'H 5'V SHEET 24 OF 32 SHEETS STA. 6345+00.00 TO STA. 6345+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	656
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



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

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



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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

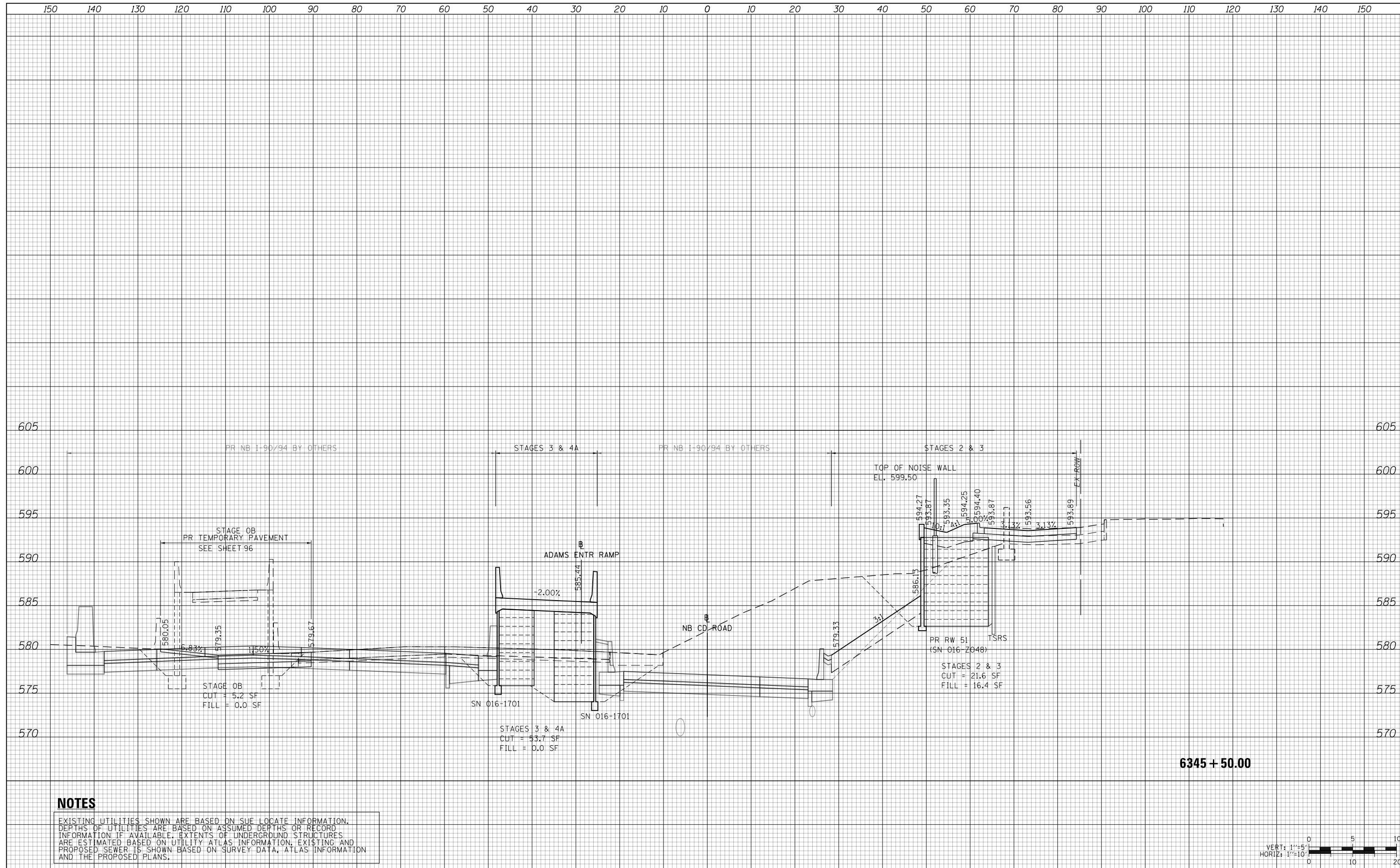
**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10:H 5:V SHEET 25 OF 32 SHEETS STA. 6345+11.70 TO STA. 6345+11.70

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	657
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

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

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



**NOTES**

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D160X94-SHT-XSC-05-JNT.dgn  
USER NAME = vljanachione  
PLOT SCALE = 20.0000' / in.  
PLOT DATE = 3/10/2020

DESIGNED - VLJ  
DRAWN - ZMZ  
CHECKED - MJL  
DATE - 3-13-2020

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

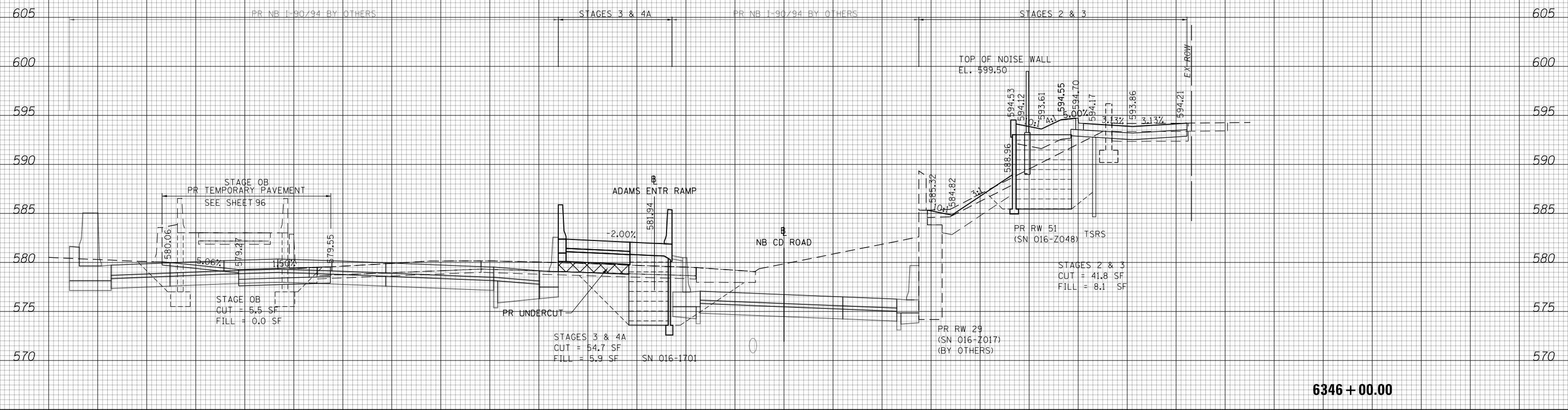
SCALE: 10'H 5'V SHEET 26 OF 32 SHEETS STA. 6345+50.00 TO STA. 6345+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	658
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



6346 + 00.00

**NOTES**

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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

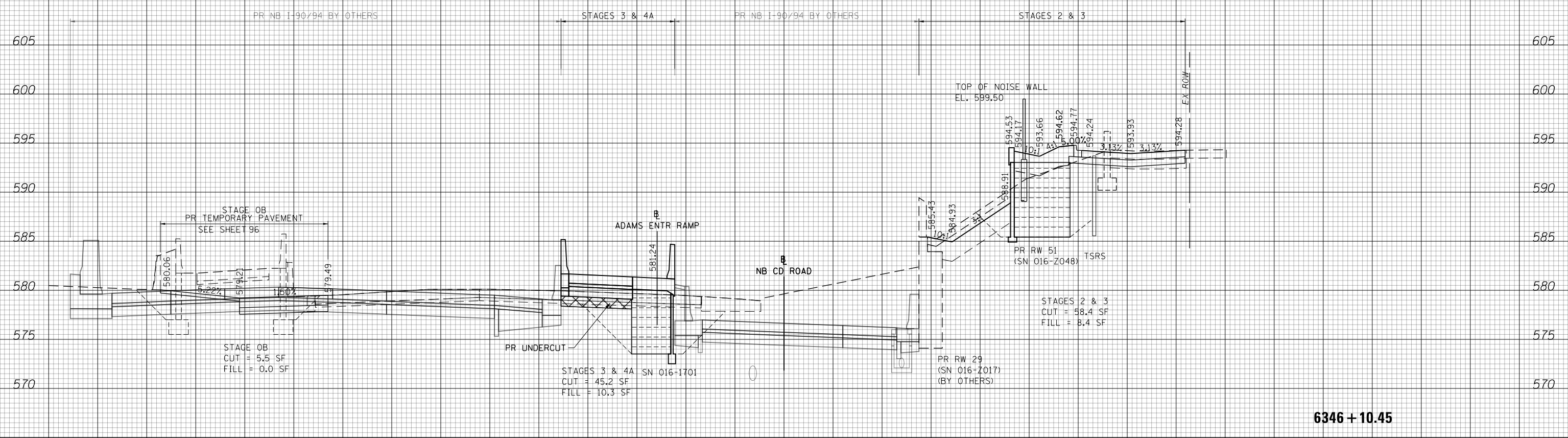
SCALE: 10:H 5:V SHEET 27 OF 32 SHEETS STA. 6346+00.00 TO STA. 6346+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	659
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



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USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10:H 5:V SHEET 28 OF 32 SHEETS STA. 6346+10.45 TO STA. 6346+10.45

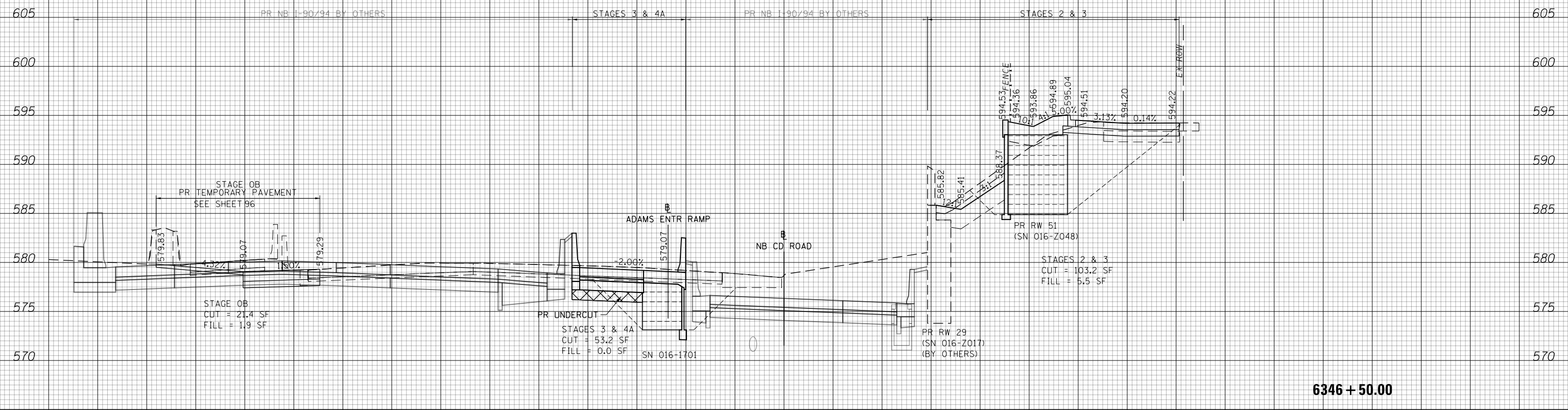
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	660
CONTRACT NO. 60X94				

ILLINOIS FED. AID PROJECT

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

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

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



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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

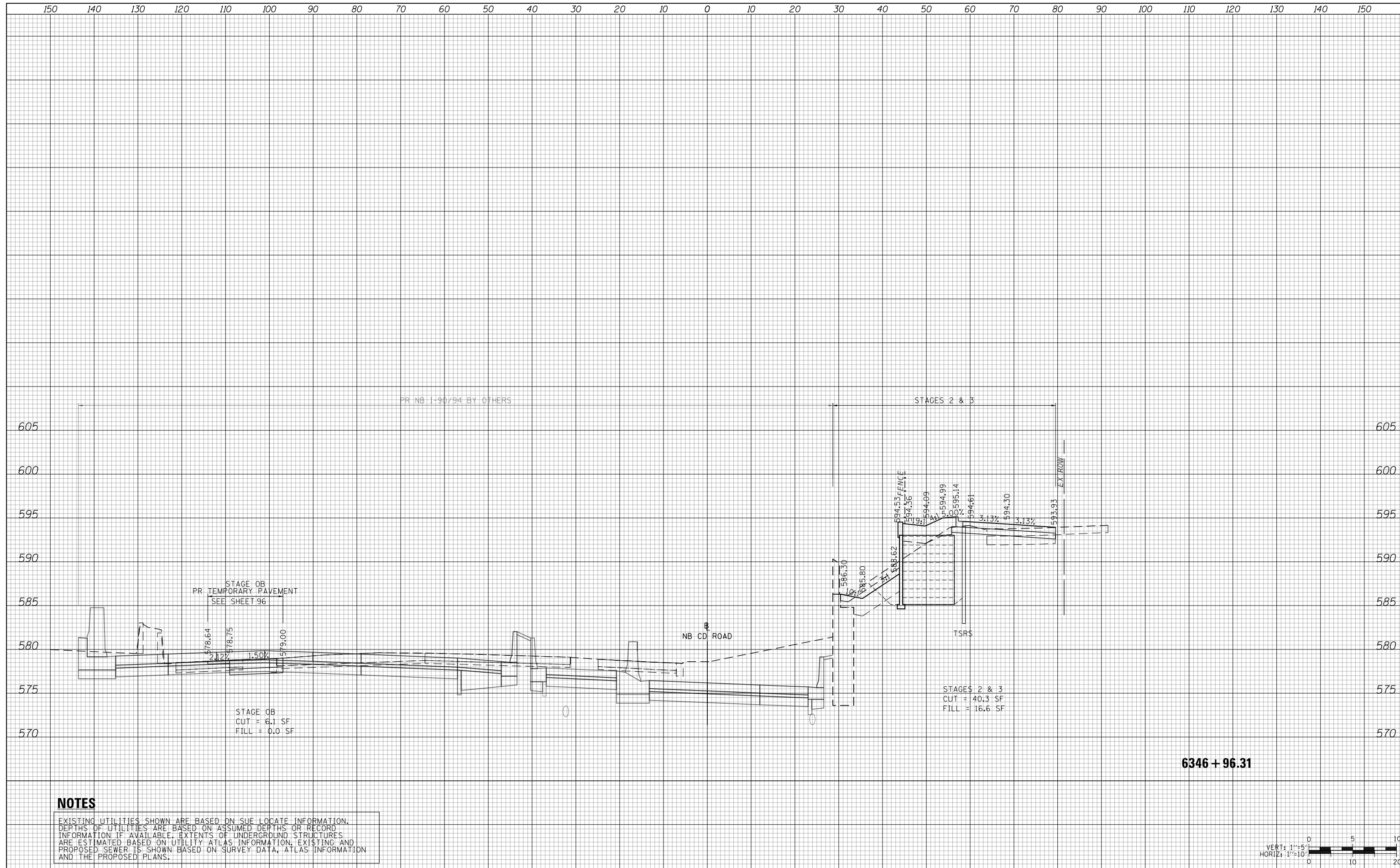
**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10:H 5:V SHEET 29 OF 32 SHEETS STA. 6346+50.00 TO STA. 6346+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	661
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

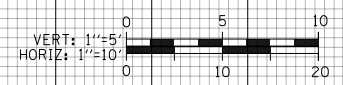
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

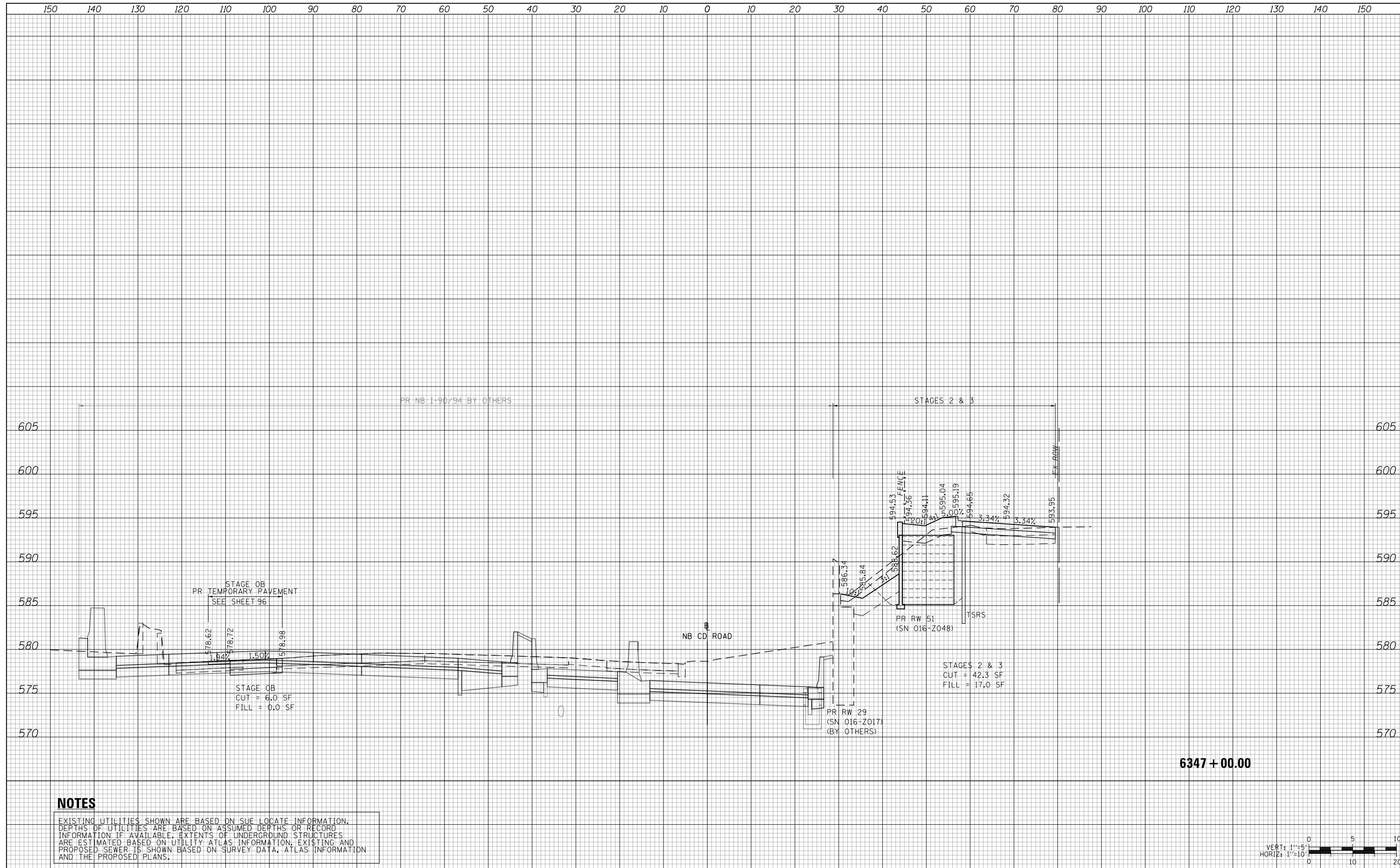
SCALE: 10H 5V SHEET 30 OF 32 SHEETS STA. 6346+96.31 TO STA. 6346+96.31

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	662
				CONTRACT NO. 60X94

ILLINOIS FED. AID PROJECT

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



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6347 + 00.00



D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

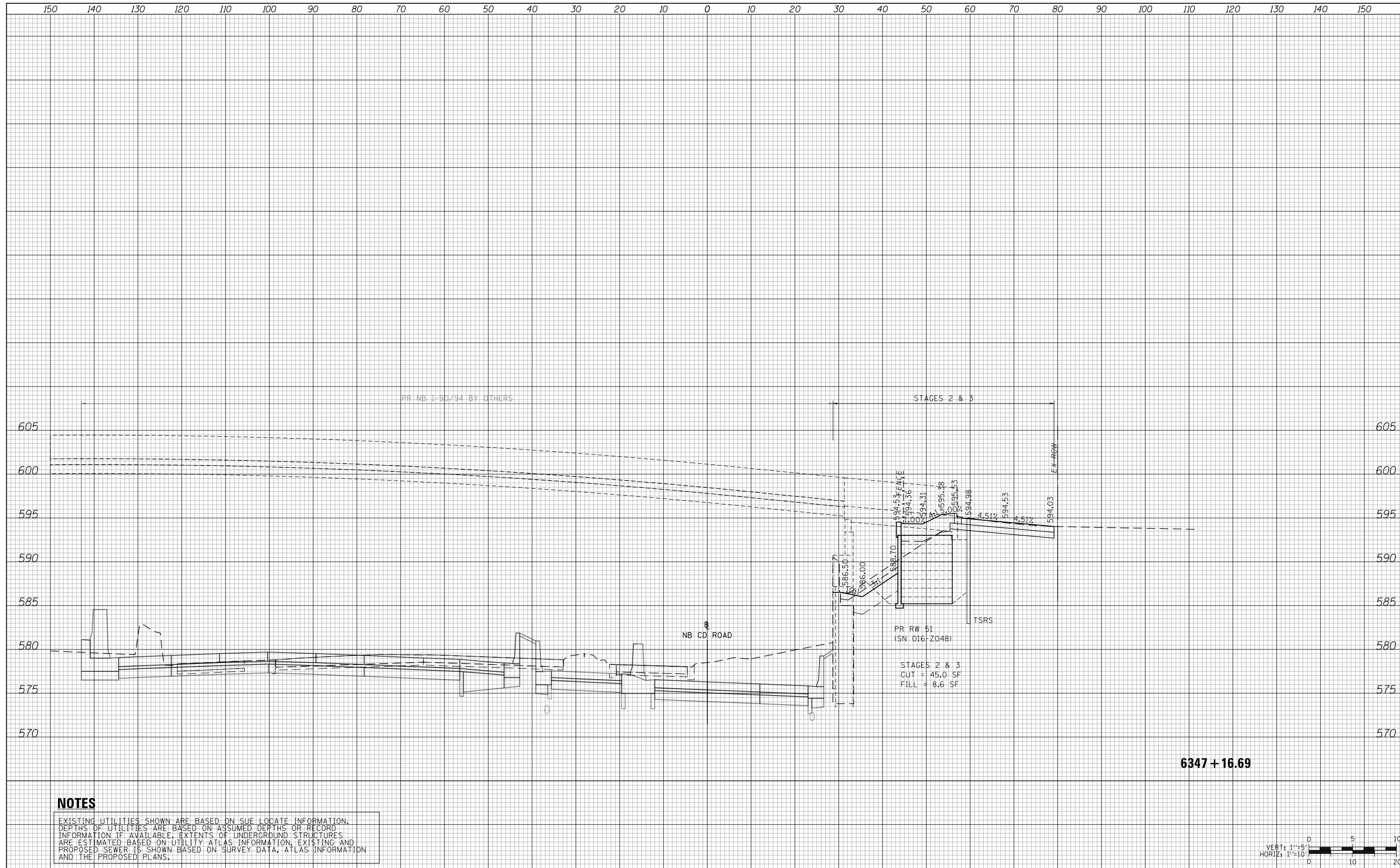
**CROSS SECTIONS  
NB C-D ROAD**

SCALE: 10:H 5:V SHEET 31 OF 32 SHEETS STA. 6347+00.00 TO STA. 6347+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	663
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

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



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D160X94-SHT-XSC-05-JNT.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
NB C-D ROAD**

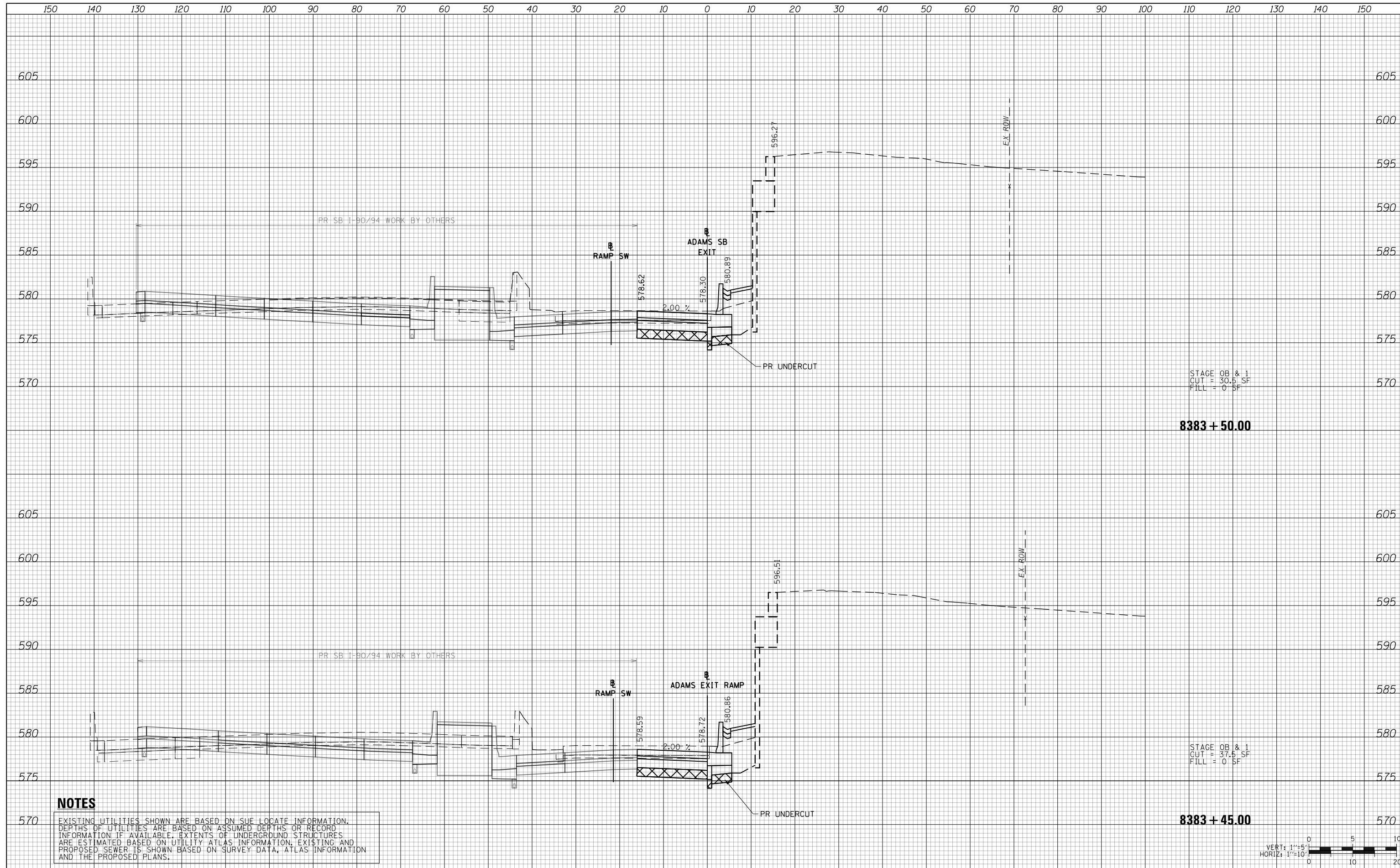
SCALE: 10H:5V SHEET 32 OF 32 SHEETS STA. 6347+16.69 TO STA. 6347+16.69

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	664
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				



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

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



STAGE OB & 1  
CUT = 30.5 SF  
FILL = 0 SF

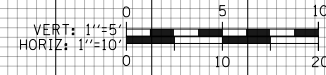
**8383 + 50.00**

STAGE OB & 1  
CUT = 37.5 SF  
FILL = 0 SF

**8383 + 45.00**

**NOTES**

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D160X94-SHT-XSC-04-ASX.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

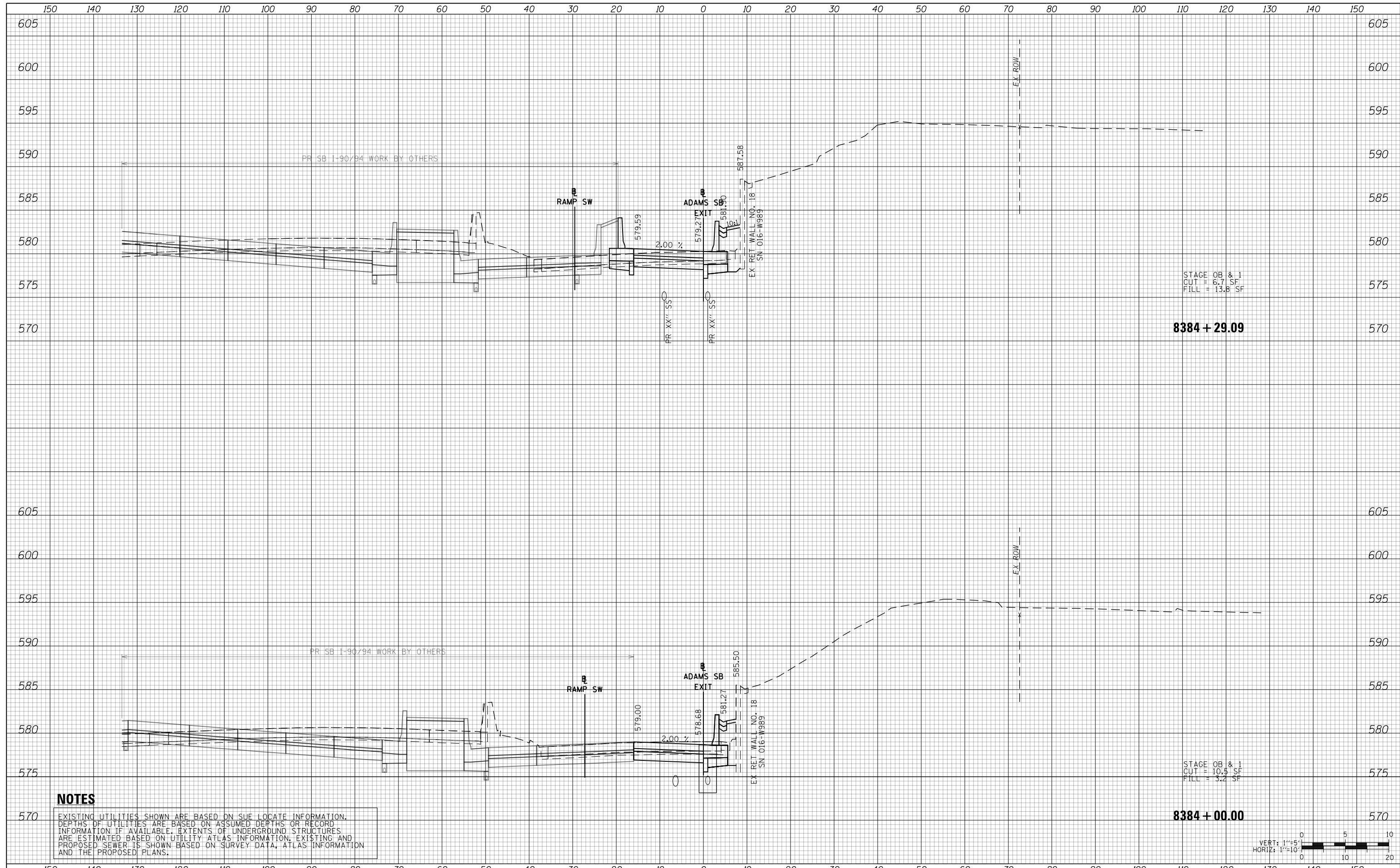
**CROSS SECTIONS  
ADAMS EXIT RAMP**

SCALE: 10'H 5'V SHEET 1 OF 7 SHEETS STA. 8383+45.00 TO STA. 8383+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	665
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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

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

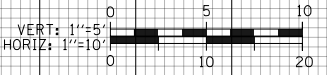


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STAGE OB & 1  
CUT = 6.7 SF  
FILL = 13.8 SF

STAGE OB & 1  
CUT = 10.5 SF  
FILL = 3.2 SF



D160X94-SHT-XSC-04-ASX.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

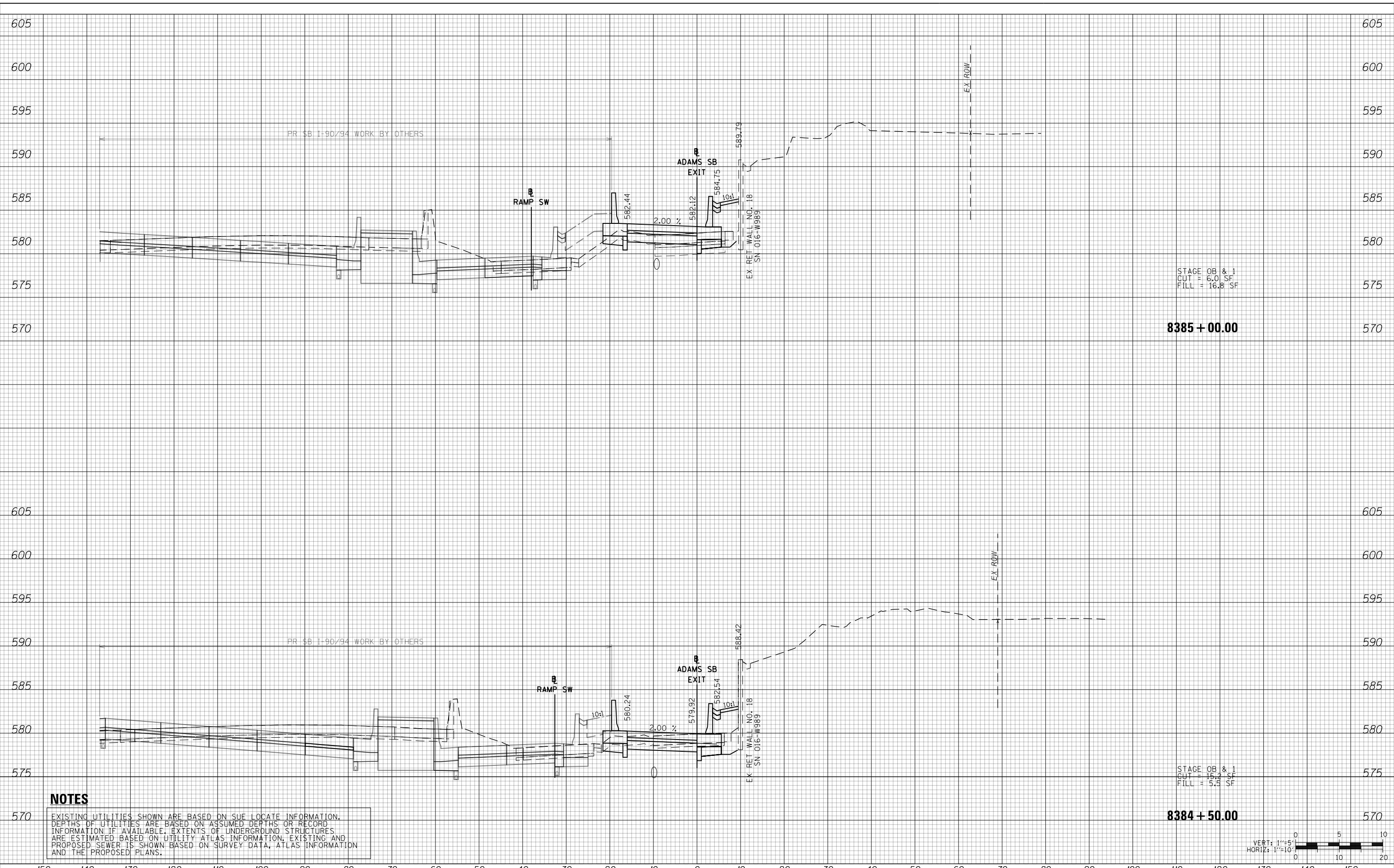
**CROSS SECTIONS  
ADAMS EXIT RAMP**

SCALE: 10:H 5:V SHEET 2 OF 7 SHEETS STA. 8684+00.00 TO STA. 8384+29.09

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	666
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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D160X94-SHT-XSC-04-ASX.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

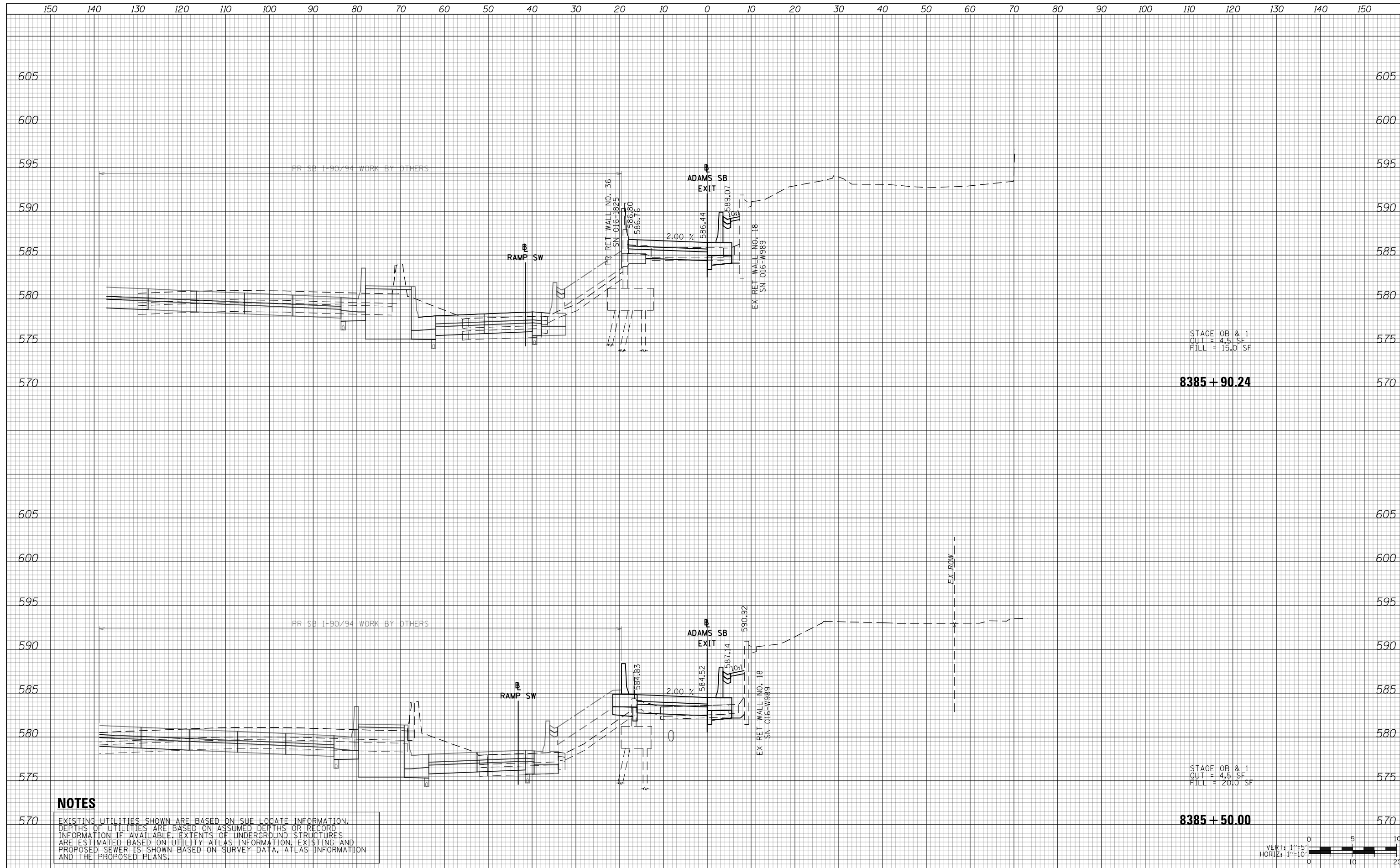
**CROSS SECTIONS  
ADAMS EXIT RAMP**

SCALE: 10'H 5'V SHEET 3 OF 7 SHEETS STA. 8384+50.00 TO STA. 8385+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	667
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				

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



STAGE OB & 1  
CUT = 4.5 SF  
FILL = 15.0 SF

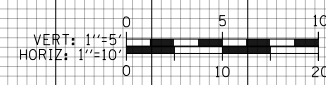
**8385 + 90.24**

STAGE OB & 1  
CUT = 4.5 SF  
FILL = 20.0 SF

**8385 + 50.00**

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USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ADAMS EXIT RAMP**

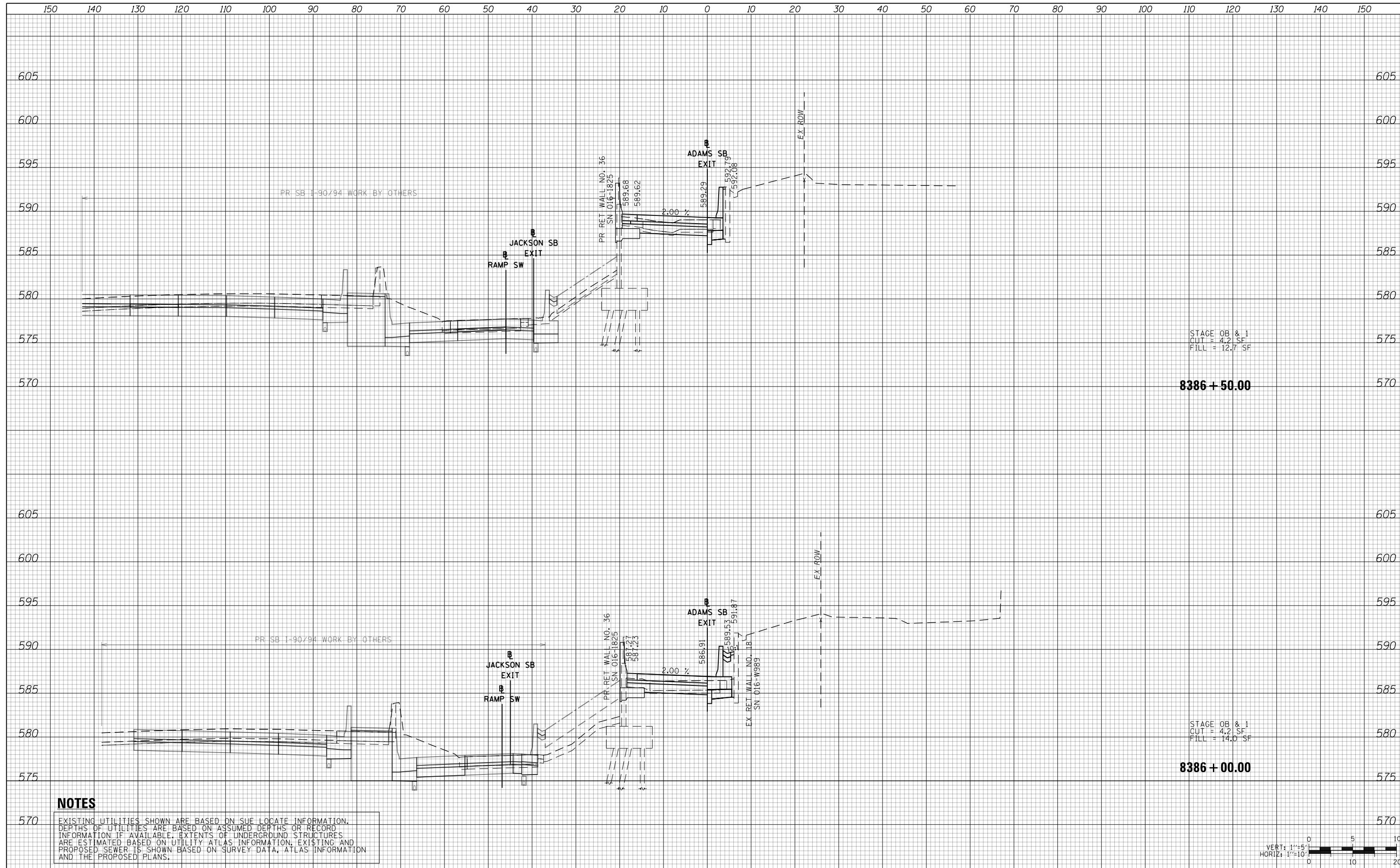
SCALE: 10'H 5'V SHEET 4 OF 7 SHEETS STA. 8385+50.00 TO STA. 8385+90.24

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	668
CONTRACT NO. 60X94				

ILLINOIS FED. AID PROJECT

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

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



**NOTES**

EXISTING UTILITIES SHOWN ARE BASED ON SUE LOCATE INFORMATION. DEPTHS OF UTILITIES ARE BASED ON ASSUMED DEPTHS OR RECORD INFORMATION IF AVAILABLE. EXTENTS OF UNDERGROUND STRUCTURES ARE ESTIMATED BASED ON UTILITY ATLAS INFORMATION, EXISTING AND PROPOSED SEWER IS SHOWN BASED ON SURVEY DATA, ATLAS INFORMATION AND THE PROPOSED PLANS.



D160X94-SHT-XSC-04-ASX.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

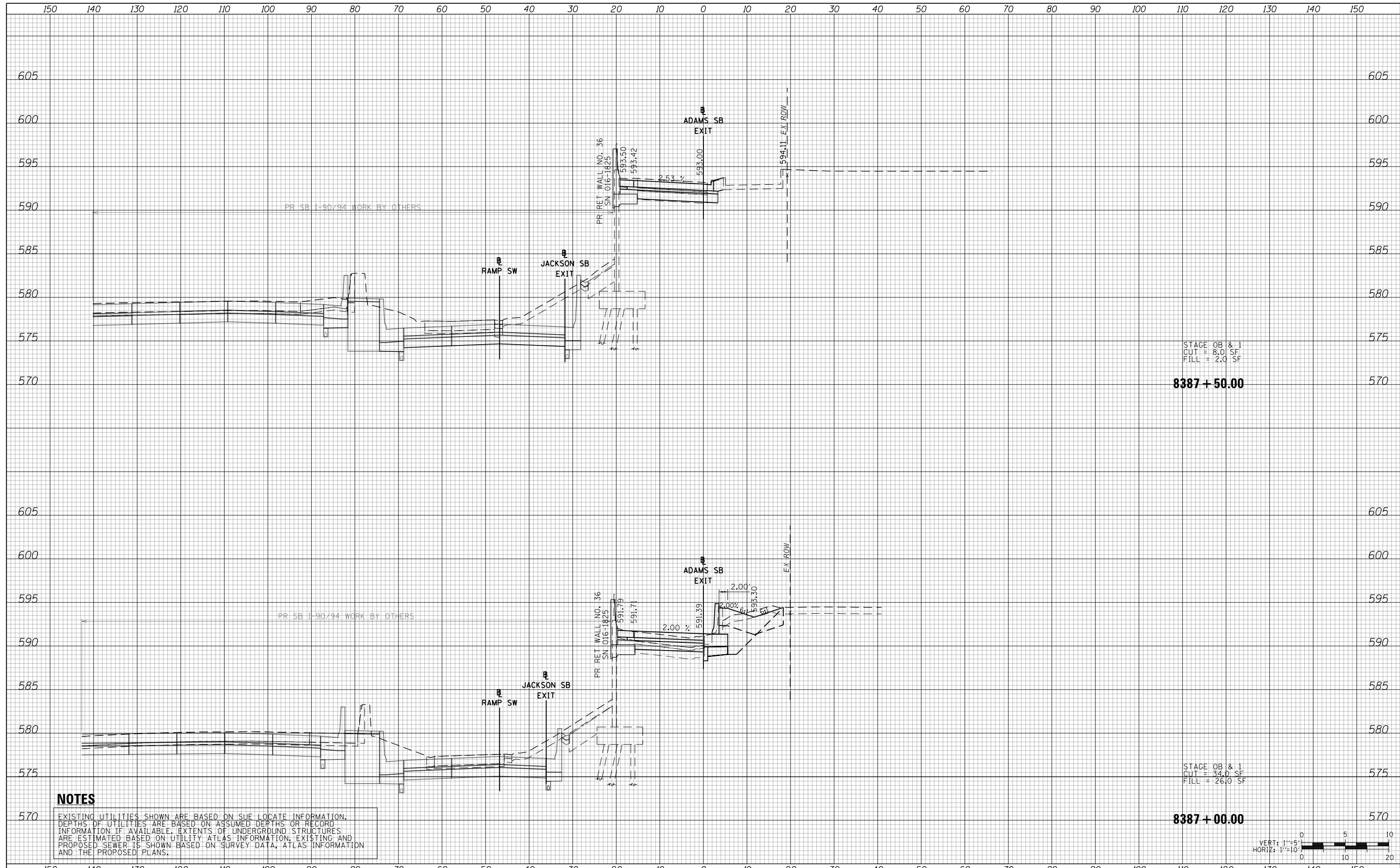
**CROSS SECTIONS  
ADAMS EXIT RAMP**

SCALE: 10'H 5'V SHEET 5 OF 7 SHEETS STA. 8386+00.00 TO STA. 8386+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	669
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

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

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



STAGE OB & 1  
CUT = 8.0 SF  
FILL = 2.0 SF

**8387 + 50.00**

STAGE OB & 1  
CUT = 34.0 SF  
FILL = 26.0 SF

**8387 + 00.00**

**NOTES**

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D160X94-SHT-XSC-04-ASX.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ADAMS EXIT RAMP**

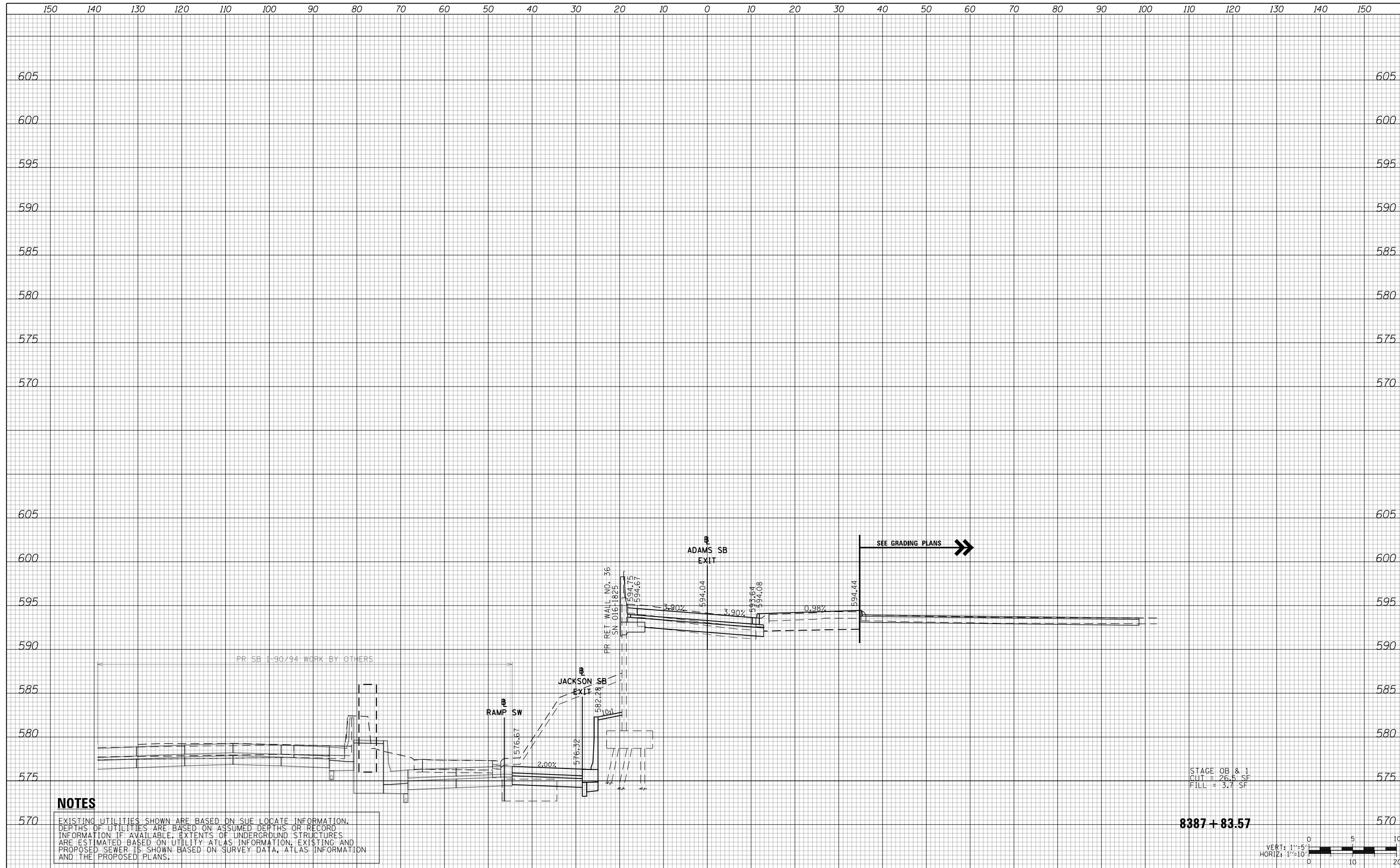
SCALE: 10:H 5:V SHEET 6 OF 7 SHEETS STA. 8387+00.00 TO STA. 8387+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	670
CONTRACT NO. 60X94				

ILLINOIS FED. AID PROJECT

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

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



**NOTES**

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STAGE OB & 1  
CUT = 26.5 SF  
FILL = 3.7 SF

**8387 + 83.57**



D160X94-SHT-XSC-04-ASX.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
ADAMS EXIT RAMP**

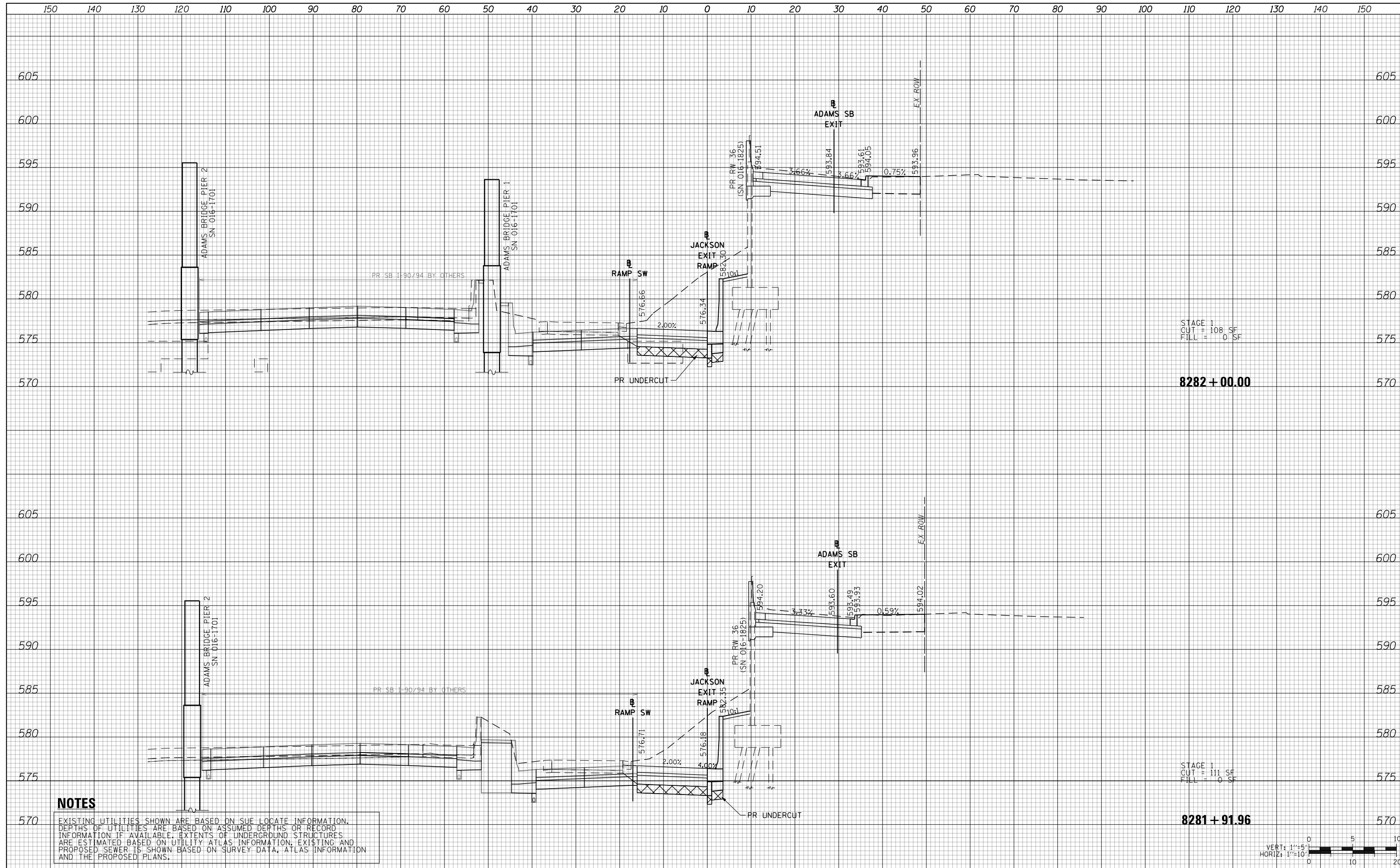
SCALE: 10:H 5:V SHEET 7 OF 7 SHEETS STA. 8387+83.57 TO STA. 8387+83.57

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	671
				CONTRACT NO. 60X94

ILLINOIS FED. AID PROJECT

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

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



STAGE 1  
CUT = 108 SF  
FILL = 0 SF

8282 + 00.00

STAGE 1  
CUT = 111 SF  
FILL = 0 SF

8281 + 91.96

**NOTES**

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D160X94-SHT-XSC-06-JSX.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
JACKSON EXIT RAMP**

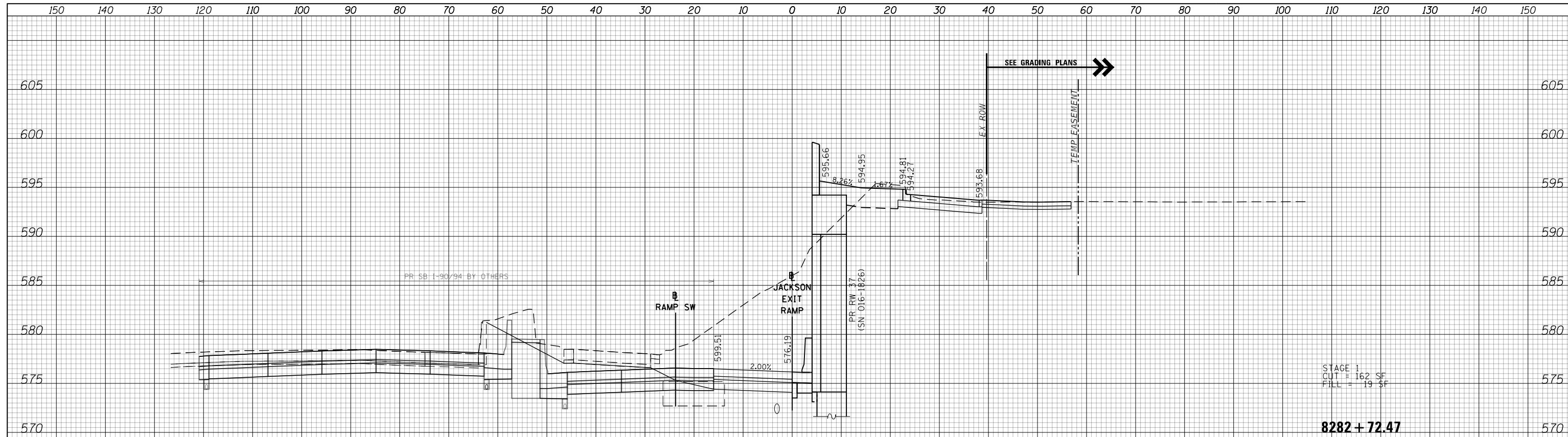
SCALE: 10'H 5'V SHEET 1 OF 7 SHEETS STA. 8210+50.00 TO STA. 8210+96.87

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	672
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				



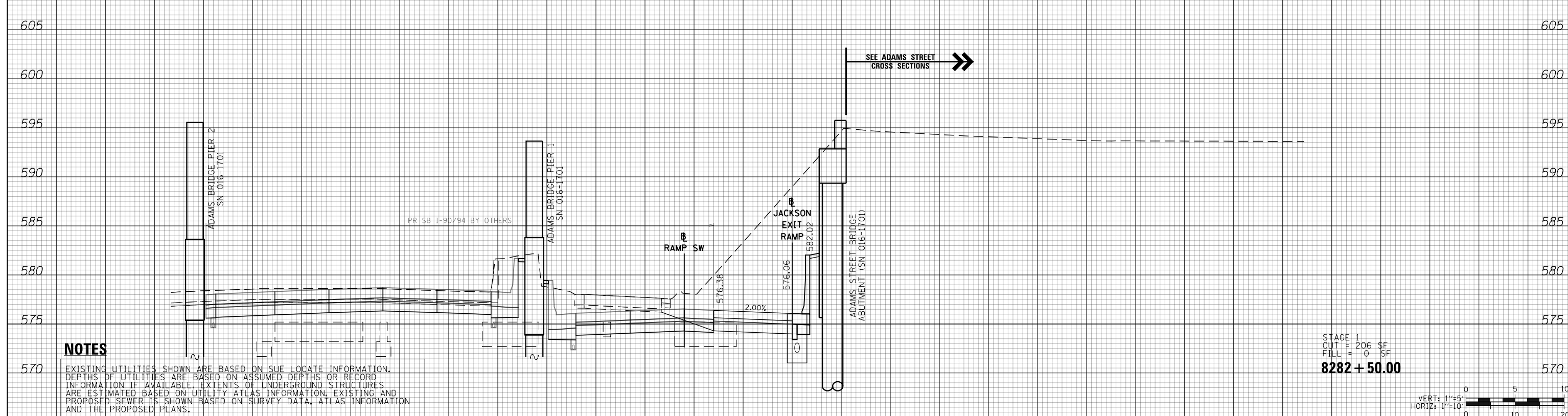
DATE	
BY	
FINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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



STAGE 1  
CUT = 162 SF  
FILL = 19 SF

**8282 + 72.47**



STAGE 1  
CUT = 206 SF  
FILL = 0 SF

**8282 + 50.00**

**NOTES**

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D160X94-SHT-XSC-06-JSX.dgn  
USER NAME = vljanachione  
PLOT SCALE = 20.0000' / in.  
PLOT DATE = 3/10/2020

DESIGNED - VLJ  
DRAWN - ZMZ  
CHECKED - MJL  
DATE - 3-13-2020

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
JACKSON EXIT RAMP**

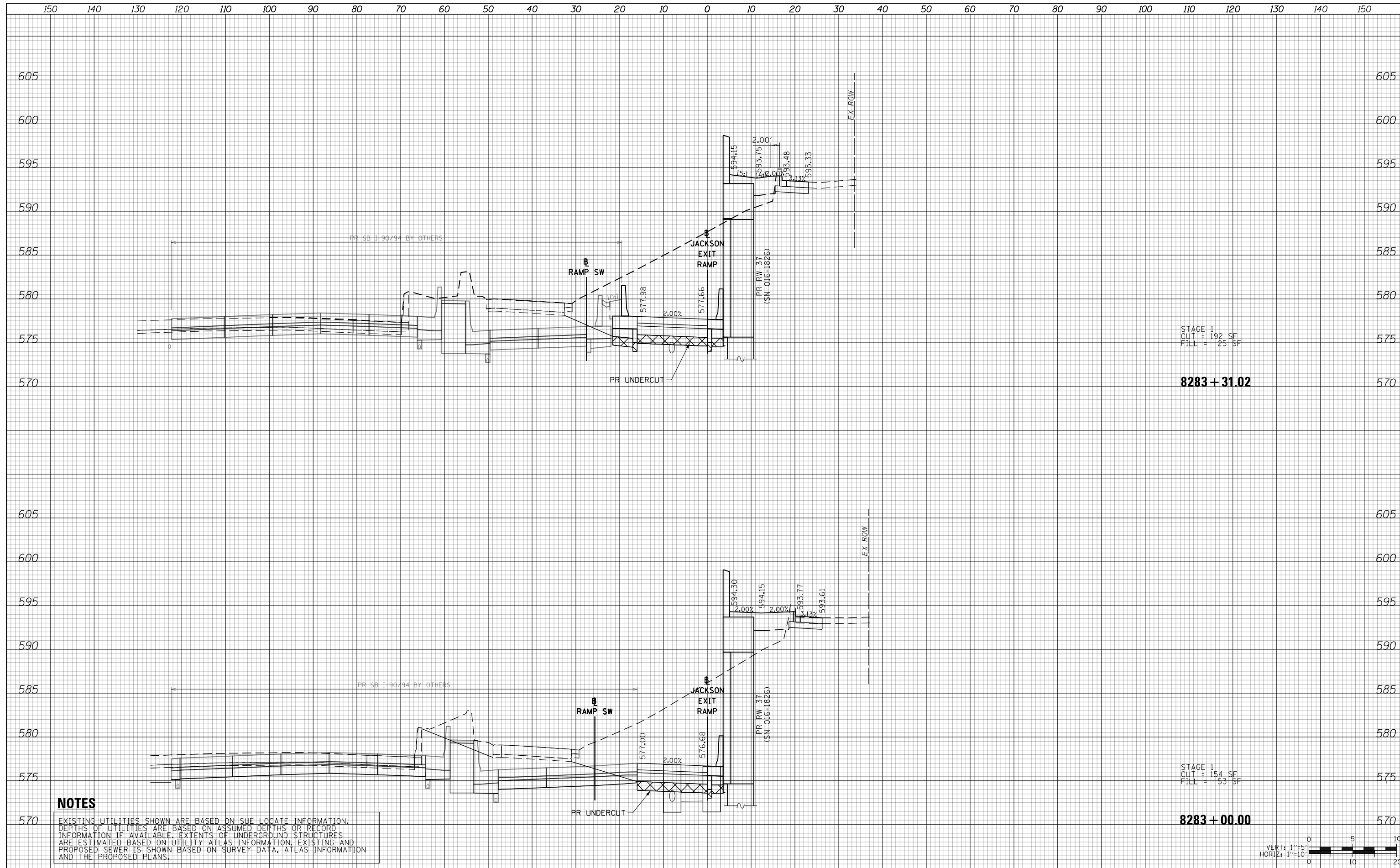
SCALE: 10'H 5'V SHEET 2 OF 7 SHEETS STA. 8211+00.00 TO STA. 8211+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	673
CONTRACT NO. 60X94				

ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



STAGE 1  
CUT = 192 SF  
FILL = 25 SF

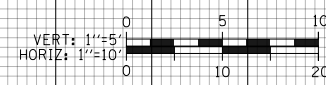
8283 + 31.02

STAGE 1  
CUT = 154 SF  
FILL = 53 SF

8283 + 00.00

**NOTES**

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D160X94-SHT-XSC-06-JSX.dgn	DESIGNED - VLJ	REVISED -
USER NAME = vljanachione	DRAWN - ZMZ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
JACKSON EXIT RAMP**

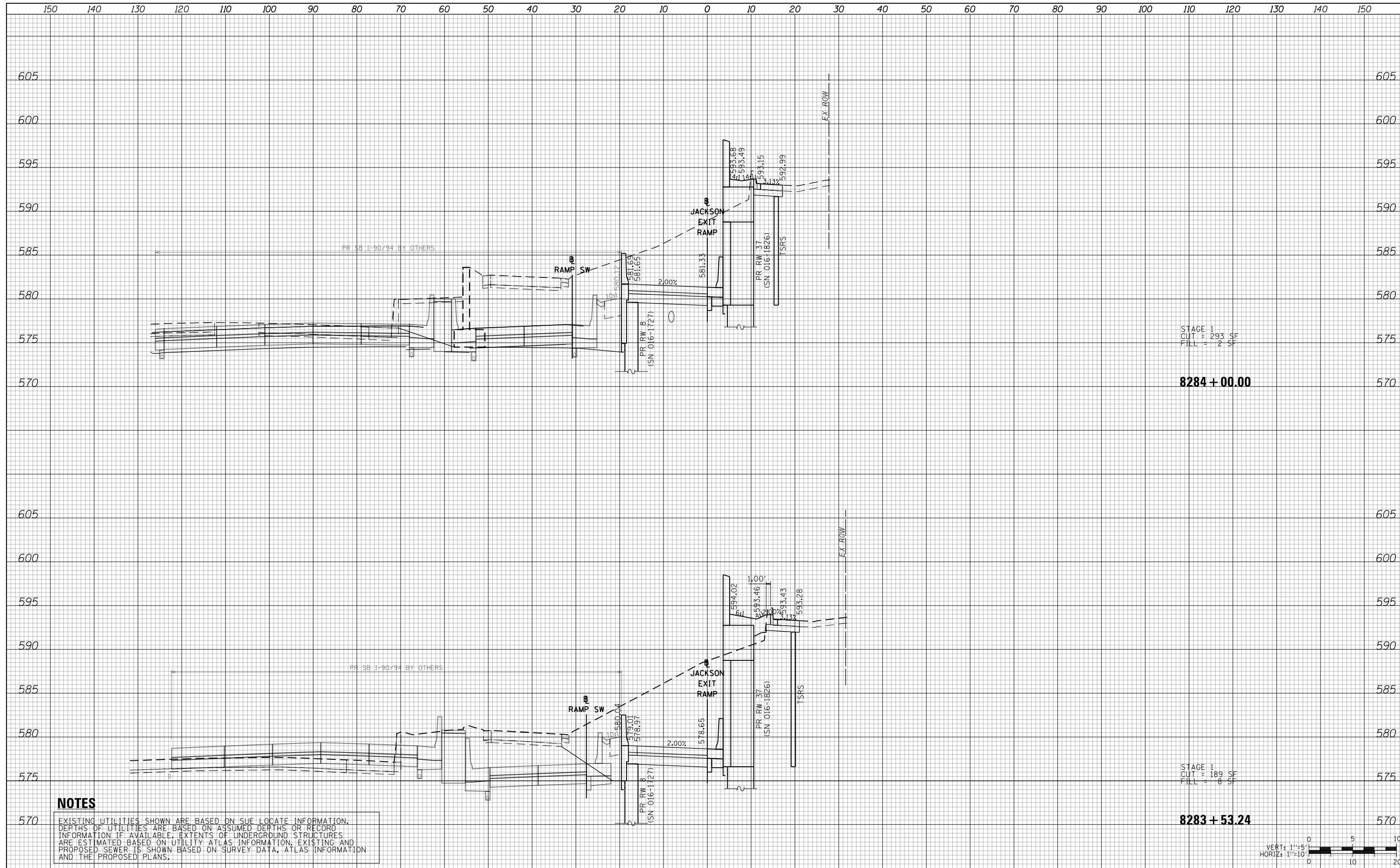
SCALE: 10:H 5:V SHEET 3 OF 7 SHEETS STA. 8211+60.18 TO STA. 8211+72.05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	674
				CONTRACT NO. 60X94

ILLINOIS FED. AID PROJECT

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

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



STAGE 1  
CUT = 293 SF  
FILL = 2 SF

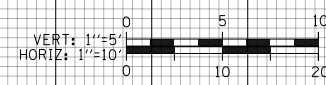
8284 + 00.00

STAGE 1  
CUT = 189 SF  
FILL = 8 SF

8283 + 53.24

**NOTES**

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PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
JACKSON EXIT RAMP**

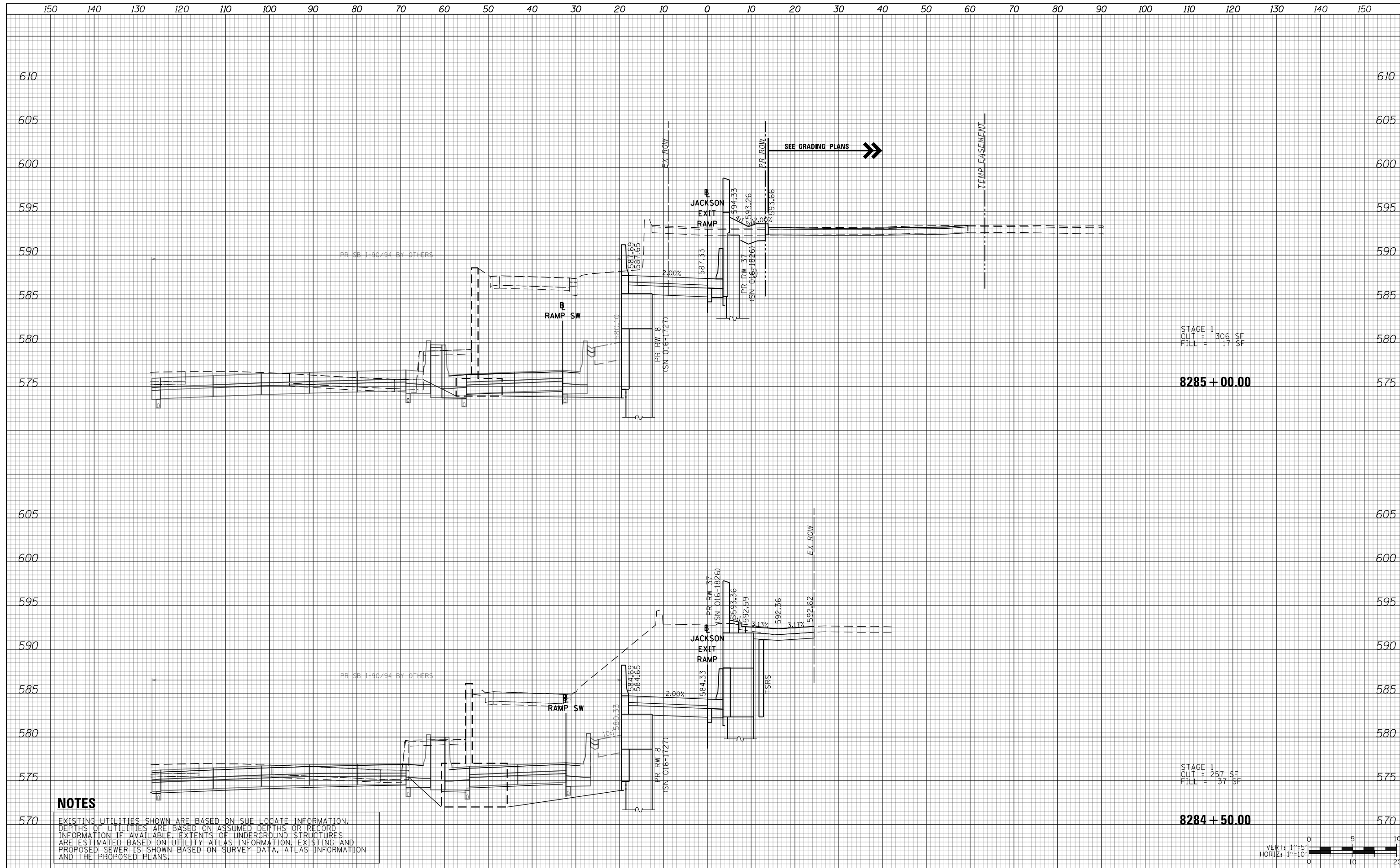
SCALE: 10:H 5:V SHEET 4 OF 7 SHEETS STA. 8214+00.00 TO STA. 8214+10.48

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	675
CONTRACT NO. 60X94				

ILLINOIS FED. AID PROJECT

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

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



STAGE 1  
CUT = 306 SF  
FILL = 17 SF

8285 + 00.00

STAGE 1  
CUT = 257 SF  
FILL = 37 SF

8284 + 50.00

**NOTES**

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D160X94-SHT-XSC-06-JSX.dgn  
USER NAME = vljanachione  
PLOT SCALE = 20.0000' / in.  
PLOT DATE = 3/10/2020

DESIGNED - VLJ  
DRAWN - ZMZ  
CHECKED - MJL  
DATE - 3-13-2020

REVISED -  
REVISED -  
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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

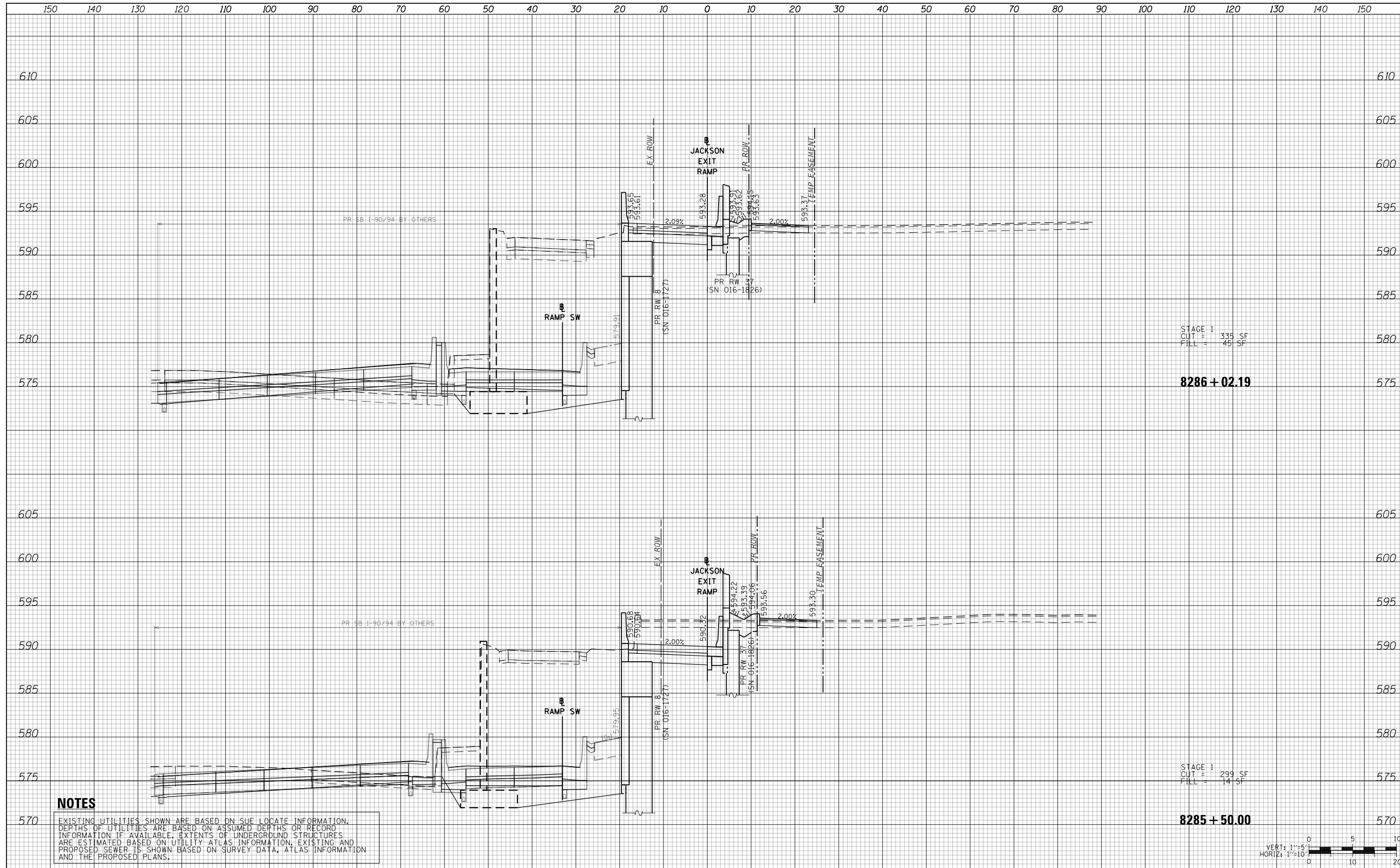
CROSS SECTIONS  
JACKSON EXIT RAMP

SCALE: 10'H 5'V SHEET 5 OF 7 SHEETS STA. 8214+50.00 TO STA. 8215+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	676
CONTRACT NO. 60X94			ILLINOIS FED. AID PROJECT	

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

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



STAGE 1  
CUT = 335 SF  
FILL = 45 SF

8286 + 02.19

STAGE 1  
CUT = 299 SF  
FILL = 14 SF

8285 + 50.00

**NOTES**

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PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
JACKSON EXIT RAMP**

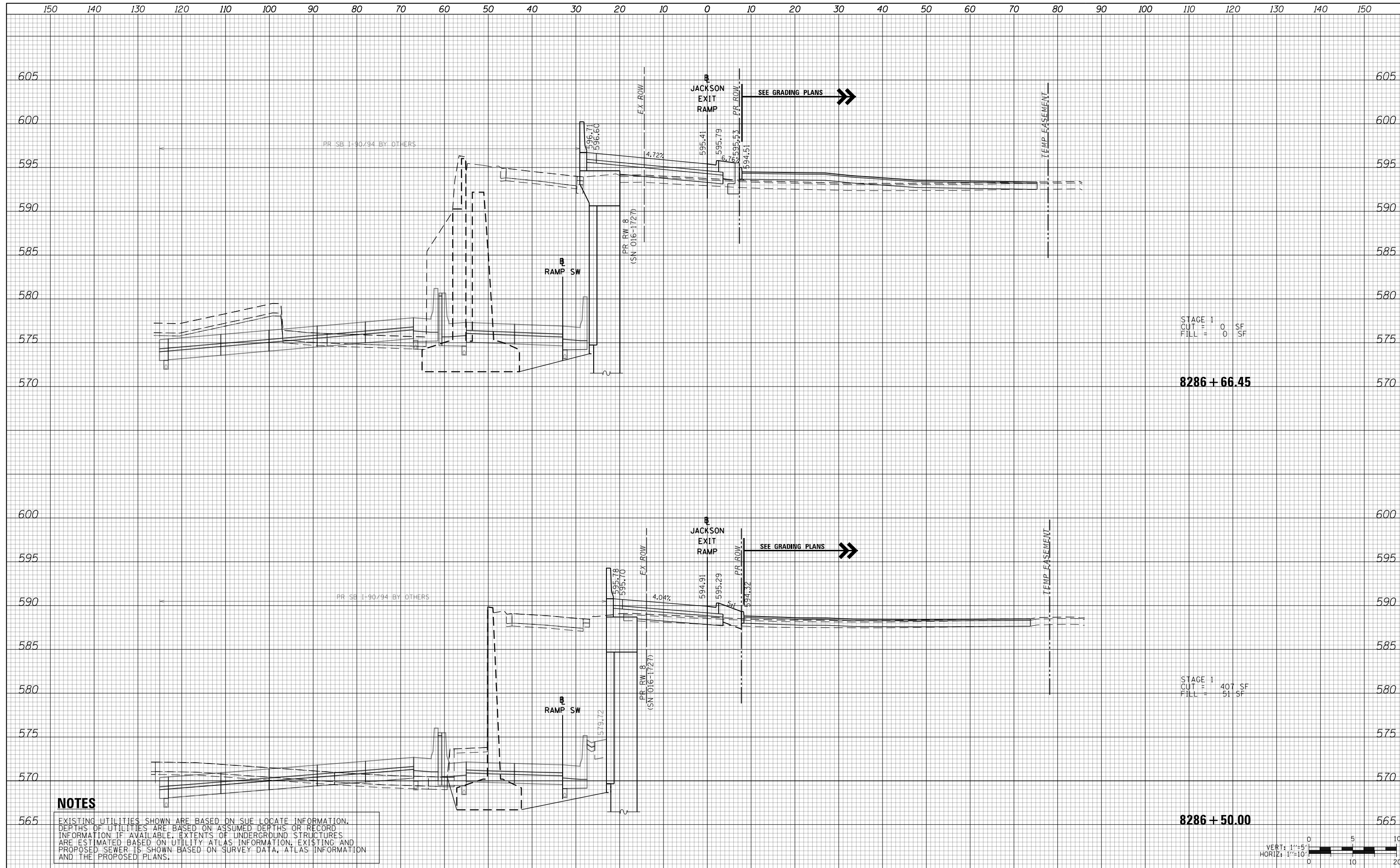
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	677
				CONTRACT NO. 60X94

SCALE: 10'H 5'V SHEET 6 OF 7 SHEETS STA. 8215+01.47 TO STA. 8215+70.00

ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
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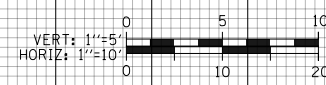
STAGE 1  
CUT = 0 SF  
FILL = 0 SF

**8286 + 66.45**

STAGE 1  
CUT = 407 SF  
FILL = 51 SF

**8286 + 50.00**

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PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
JACKSON EXIT RAMP**

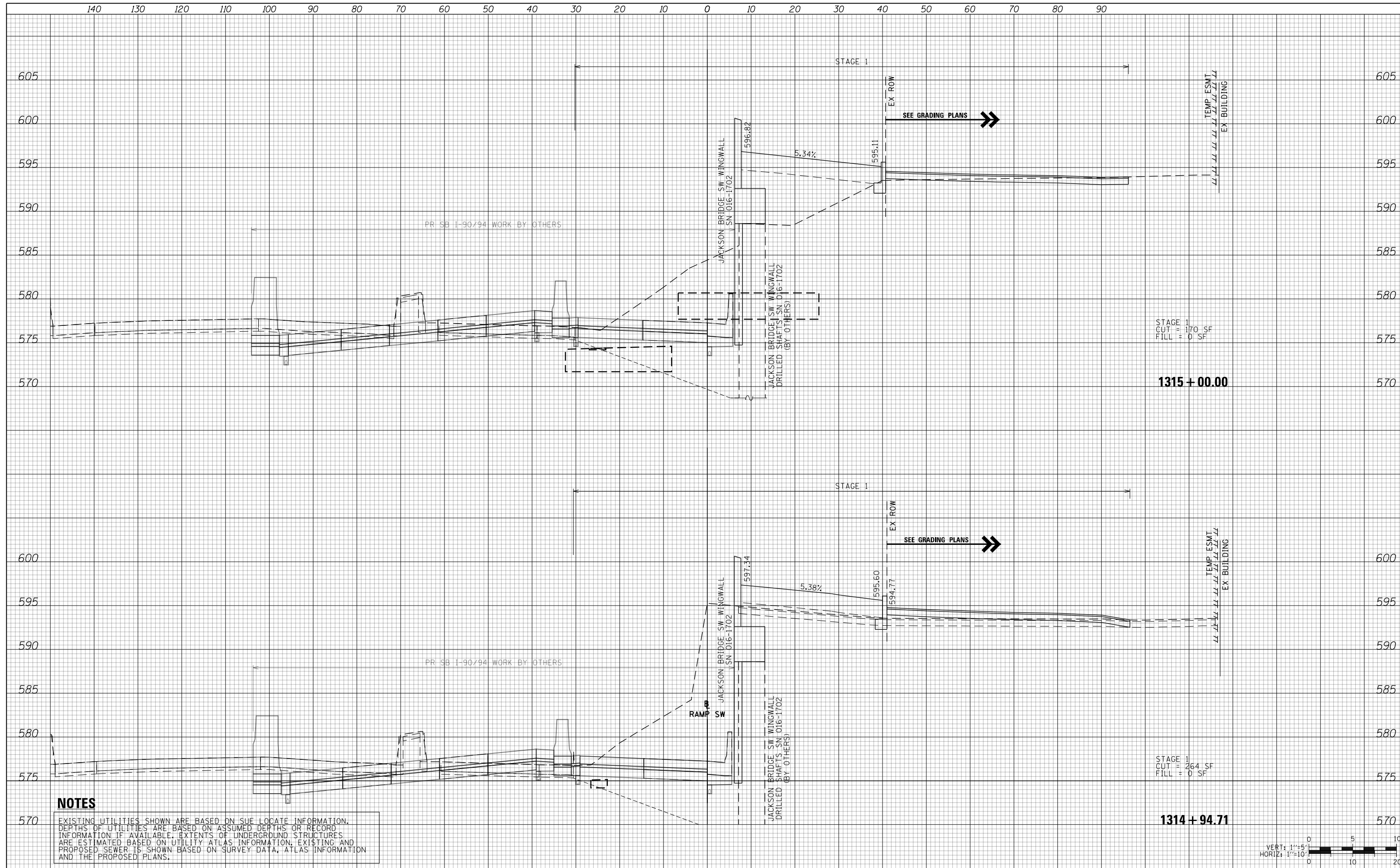
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	678
				CONTRACT NO. 60X94

SCALE: 10:H 5:V SHEET 7 OF 7 SHEETS STA. 8216+00.00 TO STA. 8216+00.00

ILLINOIS FED. AID PROJECT

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

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



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D160X94-SHT-XSC-06-Jackson Wing Wall.dgn	DESIGNED - VLJ	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

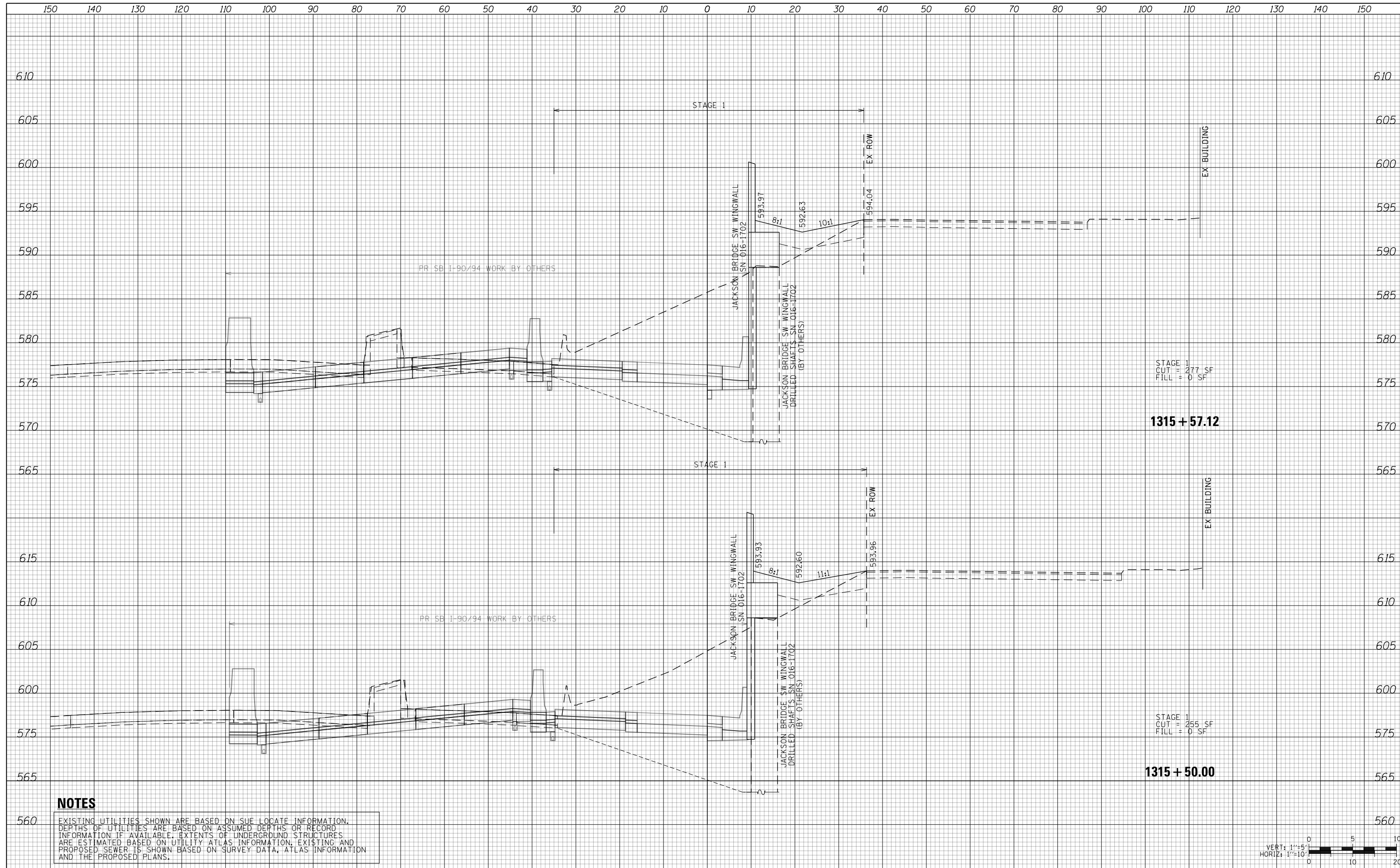
**CROSS SECTIONS  
JACKSON WINGWALL**

SCALE: 10:H 5:V SHEET 1 OF 2 SHEETS STA. 8211+59.00 TO STA. 8211+67.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	679
				CONTRACT NO. 60X94
ILLINOIS FED. AID PROJECT				

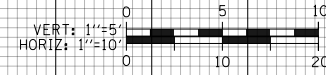
DATE	
BY	
FINAL SURVEY NO.	
SURVEY PLOTTED AREAS CHECKED	
NOTE BOOK NO.	
TEMPLATE AREAS CHECKED	

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



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PLOT SCALE = 20.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 3/10/2020	DATE - 3-13-2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
JACKSON WINGWALL**

SCALE: 10'H 5'V SHEET 2 OF 2 SHEETS STA. 8211+71.00 TO STA. 8211+72.05

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-015R&B-R	COOK	825	680
CONTRACT NO. 60X94				
ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

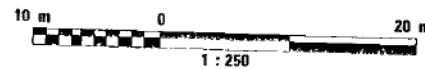
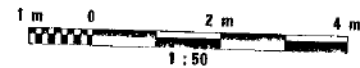
INDEX OF SHEETS  
SEE SHEET NO. 2

PROJECT LOCATED IN  
CITY OF CHICAGO

TRAFFIC DATA  
ADT = 12,000  
SPEED = 50 KMH

DESIGN DESIGNATION  
FAP ROUTE 1421 12,000 (2015) ADT

METRIC SCALES USED



STATE OF ILLINOIS  
CITY OF CHICAGO

RICHARD M. DALEY  
MAYOR

DEPARTMENT OF TRANSPORTATION  
BUREAU OF BRIDGES & TRANSIT

THOMAS R. WALKER, COMMISSIONER  
S. L. KADERBEK, S.E., P.E., DEPUTY COMMISSIONER / CHIEF ENGINEER

CONTRACT PLANS

FOR

ADAMS ST. BRIDGE  
OVER I-90 / 94

BRIDGE STRUCTURE NO. 016-0589

F.A. ROUTE NO. 1421

SPECIFICATION NO. PE70169801

CDOT PROJECT NO. E-7-016

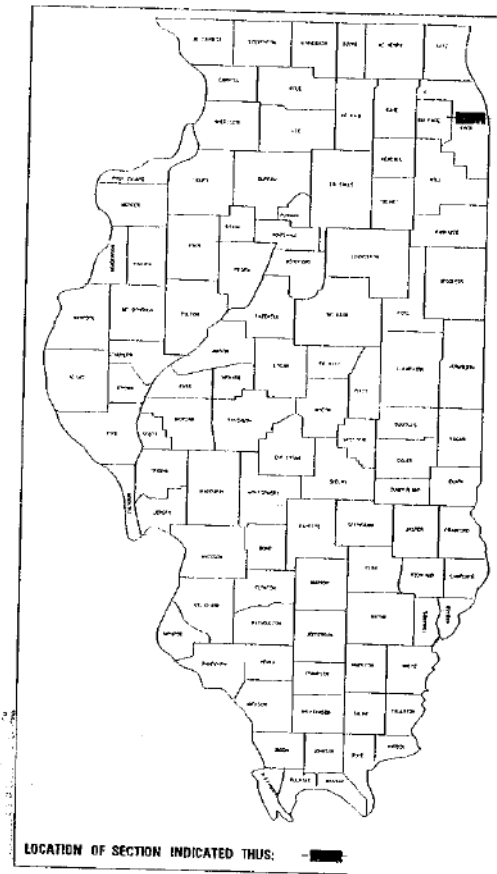
CITY SECTION NO. 97-E7016-00-BR

FEDERAL PROJECT NO. STPM-6000(012)

STATE JOB NO. C-88-028-97

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1421		COOK	148	1
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

D-91-182-96



LOCATION OF SECTION INDICATED THUS: [Symbol]

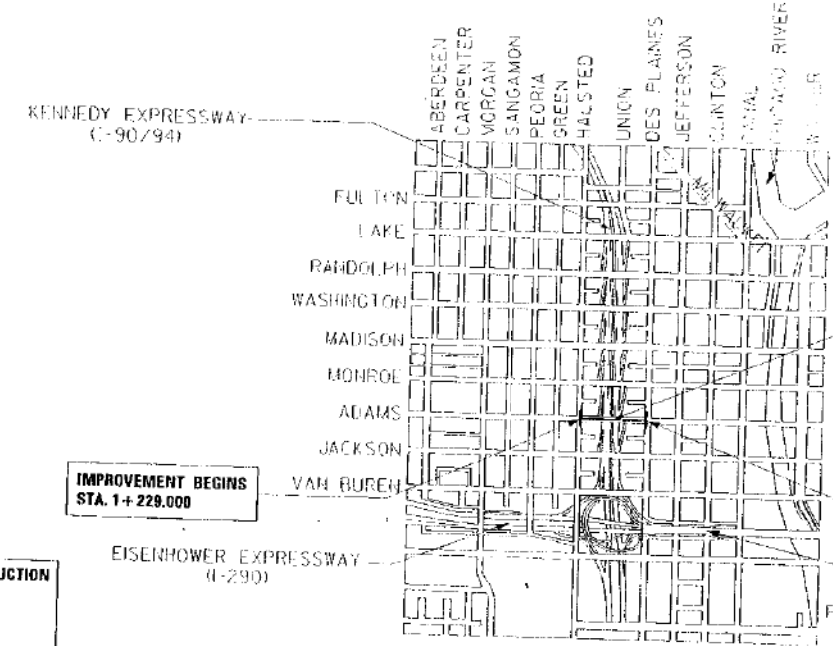


SUNG H. LEE  
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 62-39022  
DATE 12/17/97  
BY LICENSE EXPIRES ON NOVEMBER 30, 1999

SN: 016-0589  
ADAMS STREET OVER I-90/94 INCLUDES THE REHABILITATION OF THE EXISTING 4-SPAN STEEL I-BEAM STRUCTURE AND THE REHABILITATION OF THE EXISTING 3-SPAN STEEL I-BEAM ENTRANCE RAMP STRUCTURE



B. ROBERT TESSITORE  
ILLINOIS REGISTERED STRUCTURAL ENGINEER NO. 01-4807  
DATE 12-27-97  
BY LICENSE EXPIRES ON NOVEMBER 30, 1999



IMPROVEMENT BEGINS  
STA. 1+229.000

IMPROVEMENT ENDS  
STA. 1+473.000



NET LENGTH OF IMPROVEMENT = 244 METERS = 0.244 KM

FOR ASSISTANCE IN LOCATING UTILITIES DURING CONSTRUCTION  
CALL TOLL FREE J.U.L.I.E.  
(JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION)  
1-800-892-0123

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION

APPROVED: [Signature] 12/19/97

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF BRIDGES & TRANSIT

APPROVED: [Signature] 12/27/97

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

ADAMS over I 90/94

11/15/12 11:51:21 AM D:\60X94-SHT-AS-BUILT-001.dgn



USER NAME = v1janachone	DESIGNED - JTF	REVISED -
PLOT SCALE = NTS	CHECKED - WJC	REVISED -
PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
	CHECKED - WJC	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

SHEET NO. AB-001 OF AB-145 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	681
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

Bench Mark: Chain Bolt of Fire Hydrant at Southeast Corner of Halsted Street Elev. 181.274 m  
Existing Structure: No. 016-0589.

The Adams Street Bridge was built in 1954 as part of the F.A. Route 173 project, Section 0101.2-3B. The structure is a four-span continuous, composite steel beam bridge with reinforced concrete cantilever abutments and multi-column piers. The foundations are founded on timber piles. The bridge is 86.05 m long and 21.28 m wide and carries four lanes of traffic.

The Ramp B Bridge was built in 1957 as part of the F.A.I. Route 2 project, Section 0101.6-2P. The structure is a three-span simply supported, composite steel beam bridge with a reinforced concrete cantilever abutment at the north end and single hammerhead piers. The foundations are founded on coissons. The south end of the bridge is framed into the Adams Street Bridge. The bridge is 51.94 m long and 6.86 m wide and carries one lane of traffic.

The Contractor shall remove and replace the deck for Adams Street, strengthen superstructure and substructure for Adams Street, replace superstructure for Ramp B, add drainage for Adams Street, improve the turning radius for the Ramp B bridge and perform substructure repairs and modifications. The bridges will be closed during construction.

Salvages: None



"I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with the requirements of the current AASHTO Standard Specifications for Highway Bridges."

DATE 11/5/97  
ROBERT TESSIATORE  
ILLINOIS REGISTERED STRUCTURAL ENGINEER NO. 81-4607  
MY LICENSE EXPIRES ON NOVEMBER 30, 1998

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	DATE	SHEET NO.
1421	COOK	148	20
* 0101-2-3B-R			

STATION 1+350.04  
REBUILT 1998 BY  
STATE OF ILLINOIS  
FAU RT.1421 SEC. 0101-2-3B-R  
FA PROJ.  
LOADING MS18  
STR. NO. 016-0589

### NAME PLATE

See Std. 2113  
Clean existing name plates located on Piers 1 & 3  
Cost included with Nameplate.

### DESIGN SPECIFICATIONS

1996 AASHTO  
1995 SEISMIC RETROFITTING MANUAL  
FOR HIGHWAY BRIDGES, FHWA-RD-94-052  
(BRIDGE DESIGN MEMORANDUM 96.2)

### LOADING MS18

Allow 1.2 kN/m<sup>2</sup> for Future Wearing Surface

### DESIGN STRESSES

#### FIELD UNITS

#### NEW CONSTRUCTION

f<sub>c</sub> = 24 MPa (Concrete)  
f<sub>y</sub> = 400 MPa (Reinforcement)  
f<sub>y</sub> = 345 MPa (Structural Steel)  
(M270M Grade 345)

#### EXISTING STRUCTURE

f<sub>c</sub> = 24 MPa (Concrete)  
f<sub>y</sub> = 275 MPa (Reinforcement)  
f<sub>y</sub> = 225 MPa (Structural Steel)  
n = 9

### SEISMIC DATA

SPC = A  
A = 0.04  
S = 1.0

### RAMP "B" CURVE DATA

CURVE B-1	CURVE B-2
Δ = 67°57'51"	Δ = 22°13'28"
D = 0.314 m	D = 0.628 m
T = 12.118 m	T = 7.071 m
L = 21.331 m	L = 13.964 m
R = 18.0 m	R = 36.0 m
P.C. = 0+000.000	P.C.C. = 0+021.331
P.T. = 0+012.118	P.T. = 0+028.401
P.C.C. = 0+021.331	P.T. = 0+035.295

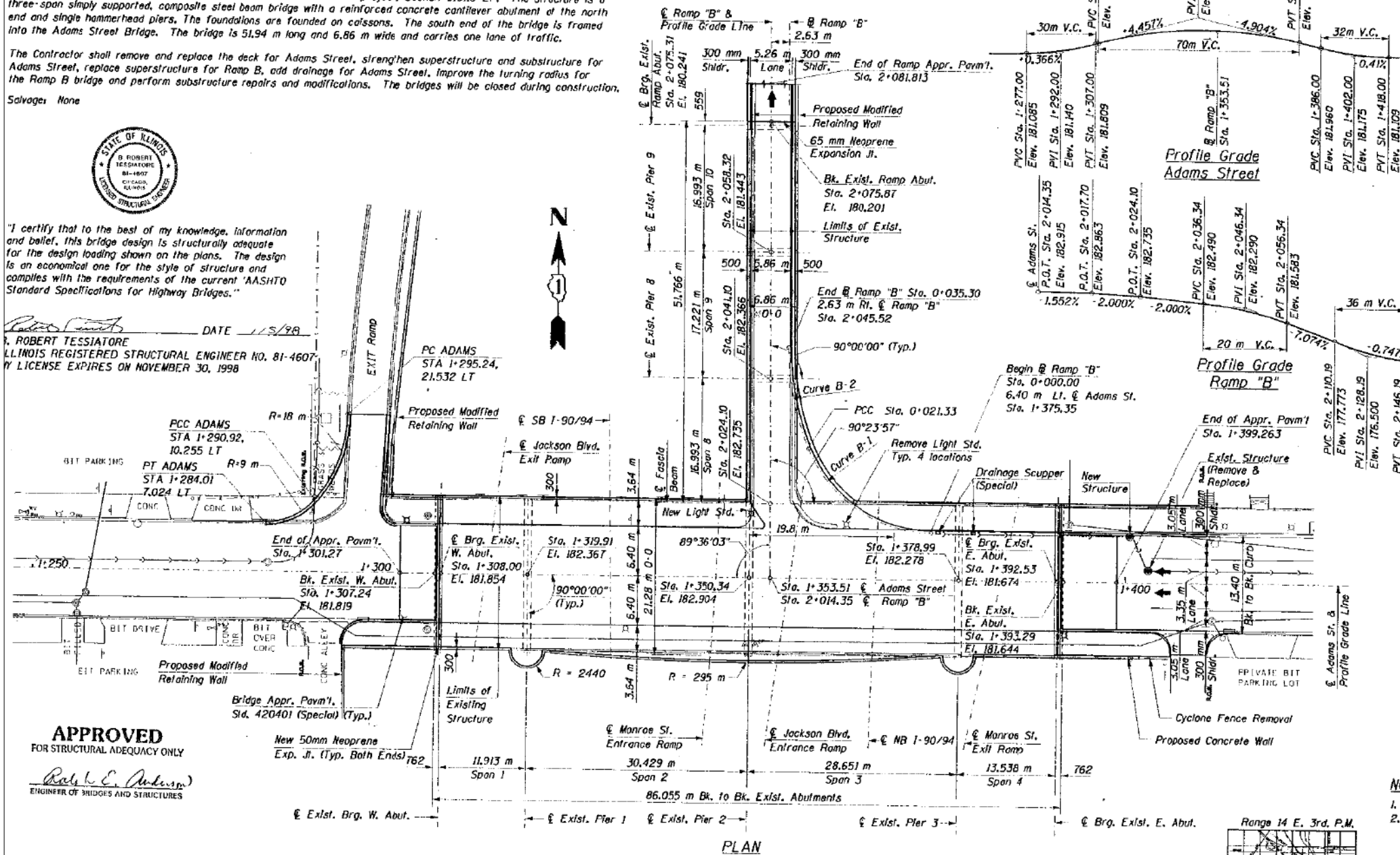
### NOTES

- All dimensions in millimeters unless otherwise noted.
- Work this sheet with sheets S-2 & S-3.

### GENERAL PLAN ADAMS STREET AND RAMP "B"

ADAMS STREET OVER 1-90/94  
F.A.U. RTE. 1421 SEC. 0101-2-3B-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589

Scale: None Date: 11/13/97

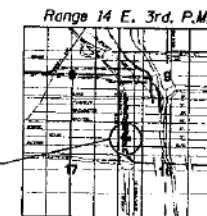


### PLAN

DESIGNED	RAW/CJH
CHECKED	PCA
DRAWN	PCA/JRB
CHECKED	RAW

### LEGEND

- |                       |                         |                    |                   |
|-----------------------|-------------------------|--------------------|-------------------|
| — ABANDONED GAS LINE  | ⊙ CITY ELECTRIC         | — SEWER            | ⊙ TREES, EXISTING |
| ⊙ PEOPLE GAS          | ⊙ MANHOLE, EXISTING     | ⊙ LIGHT STANDARD   | ⊙ SIGN            |
| ⊙ COMMONWEALTH EDISON | ⊙ CATCH BASIN, EXISTING | ⊙ PM PARKING METER |                   |
| ⊙ WATER               | ⊙ INLET, EXISTING       | ⊙ FIRE HYDRANT     |                   |



LOCATION SKETCH

HNTB CORPORATION  
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JAN-1998 09:29 JK1m

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USER NAME = v1janachone  
DESIGNED - JTF  
CHECKED - WJC  
DRAWN - JTF  
PLOT DATE = 3/6/2020

DESIGNED - JTF  
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DRAWN - JTF  
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REVISED -  
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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

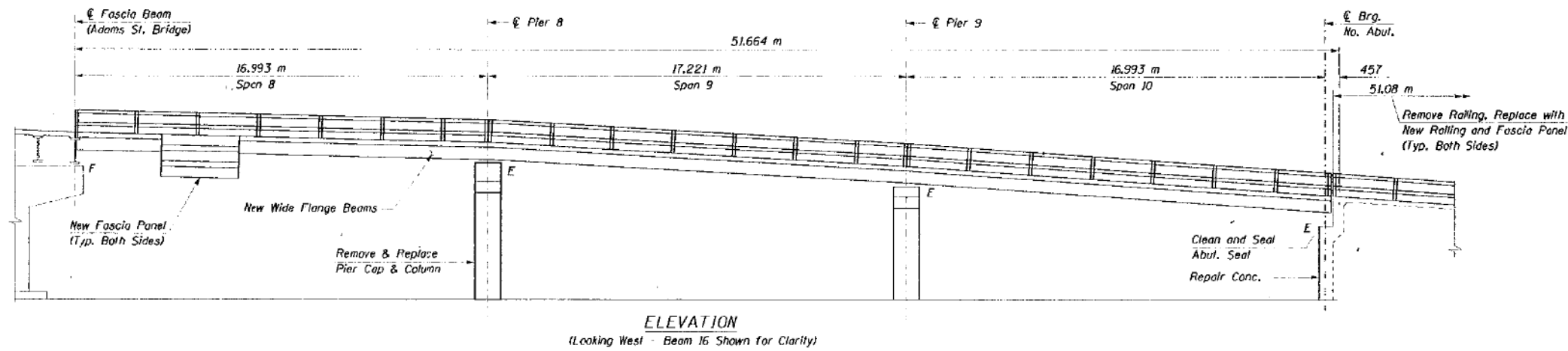
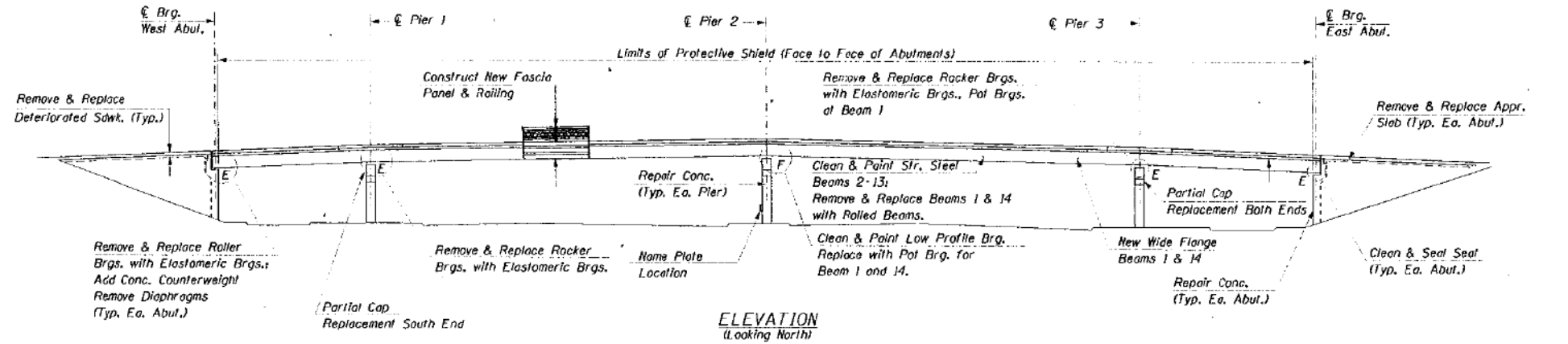
SHEET NO. AB-002 OF AB-145 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	682
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	PROJECT	SECTION	POST MILE	SHEET	SHEET NO. S-2
1421	COOK	148	21		
* 0101-2-3B-R					



DESIGNED	RAW
CHECKED	PGA
DRAWN	JRB
CHECKED	RAW

**HNTB** HNTB CORPORATION

07-JAN-1998 10:30 JK 11m

ELEVATION ADAMS STREET  
AND RAMP "B"  
ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-3B-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589  
Scale: None Date: 11/13/97

11/15/95 AM  
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USER NAME = v1janachone	DESIGNED - JTF	REVISED -
	CHECKED - WJC	REVISED -
PLOT SCALE = NTS	DRAWN - JTF	REVISED -
PLOT DATE = 3/6/2020	CHECKED - WJC	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

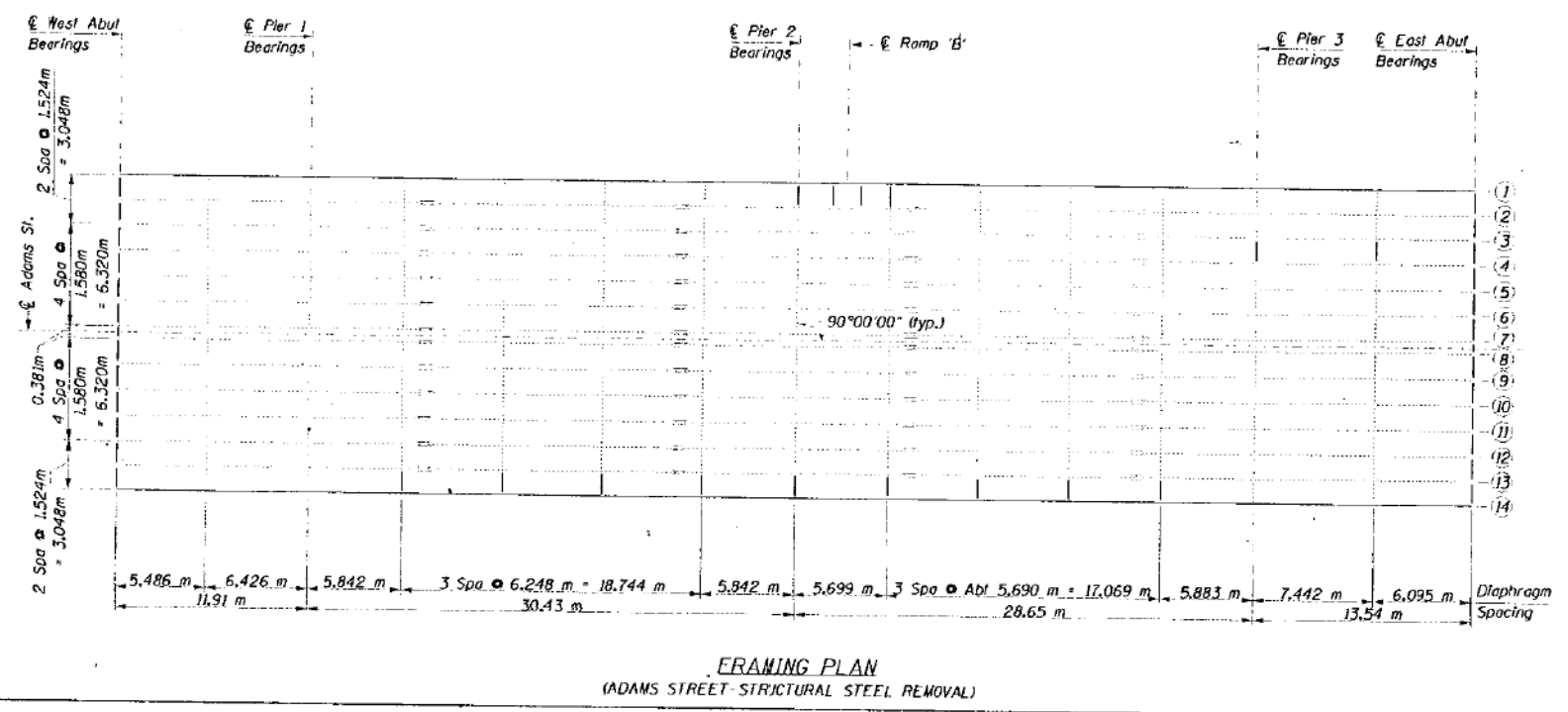
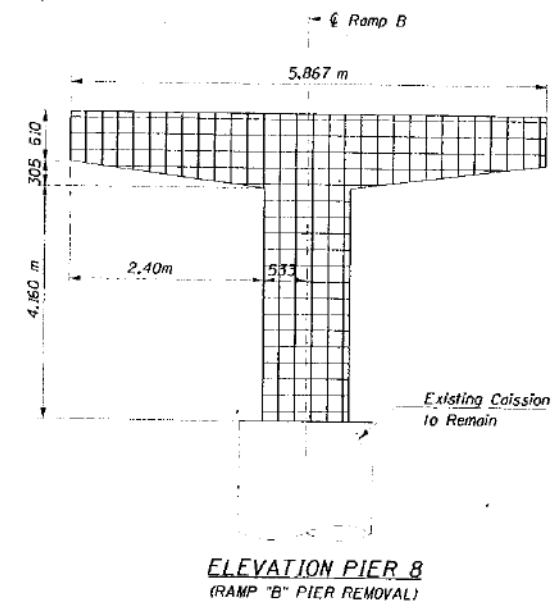
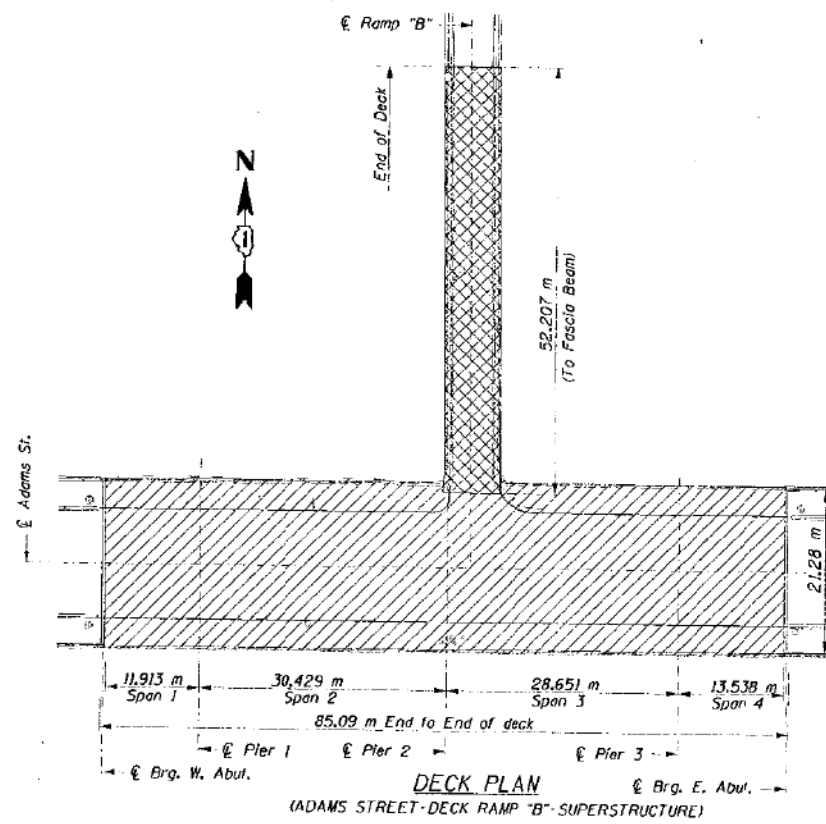
SHEET NO. AB-003 OF AB-145 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	683
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	1421	DATE	148	22	SHEET NO. 5-3
CONTRACT NO.	0101-2-3B-R	SECTION	COOK	148	



- NOTES
1. Removal of the existing railings on the bridge structures and removal of the existing wearing surfaces is included with the removal of the existing concrete deck or removal of the existing superstructure.
  2. Existing reinforcement extending into removed area shall be cleaned, straightened and incorporated into the new construction. Cost included with "Concrete Removal".

- LEGEND
- Removal of Existing Concrete Deck
  - Removal of Existing Superstructure
  - Concrete Removal
  - Structural Steel Removal

ADAMS STREET BRIDGE & RAMP "B" REMOVAL DETAILS

ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-3B-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589

Scale: None Date: 11/13/97

DESIGNED	RAW
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DRAWN	JR0
CHECKED	6PM

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PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS  
SHEET NO. AB-004 OF AB-145 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	684
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	SHEET	DATE	SHEET NO. 5-4
1421		COOK	148	23	

\* 0101-2-3B-R

### REINFORCEMENT BARS

Reinforcement bars shall conform to the requirements of AASHTO M-31M, M-42M or M-53M Grade 400.

### CONCRETE CHAMFERS:

All exposed concrete corners shall have 20 mm chamfers unless otherwise shown in the plans.

### CONCRETE COVER

All reinforcement bars shall have a clear cover of 40 mm unless otherwise shown in the plans.

### STRUCTURAL STEEL

The main load carrying member components subject to tensile stress shall conform to the supplemental requirements for notch toughness zone 2. These components are the wide flange beams, connection angles and plates as specified in the plans, cover plates, sidewalk connections and all splice plate material except fill plates.

### FIELD WELDING

Field welding of construction accessories will not be permitted to the bottom flange of beams or girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.

### BOLTED CONNECTIONS

Fasteners for structural steel shall be high strength bolts M22 with 24 mm  $\phi$  holes unless otherwise noted.

### PAINTING NEW STEEL

The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all steel surfaces shall be gray, Munsell No. 5B-7/1. See special provision "Cleaning and Painting New Metal Structure".

### PAINTING EXISTING STEEL OF HIGHWAY GRADE SEPARATION STRUCTURES

Cleaning and painting of the existing structural steel shall be as specified in the Special Provision for "Cleaning and Painting Existing Steel Structures". All existing structural steel within 1.5 meters of either side of expansion joints and all surfaces of the two beams adjacent to the existing open longitudinal joint shall be cleaned by method 1. The existing structural steel in the area of the proposed concrete counter weights shall be cleaned prior to pouring of the bridge deck. All remaining existing structural steel shall be cleaned by method 2. The aluminum epoxy mastic/acrylic paint system shall be used for painting of the existing structural steel. The color of the final finish coat for all steel surfaces shall be gray, Munsell No. 5B 7/1.

### BEARING PLATES

The structural steel bearing plates of the elastomeric bearing assembly shall conform to the requirements of AASHTO M 270M Grade 345.

### BEARING SEAT SURFACES

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 3 mm. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 3 mm adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims (For Type 1 Elastomeric bearings, shims of the dimensions of top plate shall be provided and placed as detailed).

### ANCHOR BOLTS

Anchor bolts shall be set before bolting diaphragms over supports.

### PLAN DIMENSIONS

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

### STRUCTURAL STEEL

Calculated mass of structural steel M 270M GR 345 = 12370 kg.  
Calculated mass of structural steel M 270M GR 250 = 7920 kg.

### SEAT SEALER

Bridge Seat Sealer shall be applied to the seat area of the Adams Street Bridge Abutments & Ramp "B" Abutment.

### DECK POUR

When the deck pour is stopped for the day at one or more of the transverse Bonded Construction Joints in the deck Pouring Sequence as shown, the next pour shall not be made until both of the following requirements are met:

1. At least 72 hours shall have elapsed from the end of the previous pour.
2. The concrete strength shall have attained a minimum modulus of rupture of 4.5 MPa or a minimum compressive strength of 24 MPa.

### DIMENSIONS

All dimensions are in millimeters (mm) except as shown.

DESCRIPTION	UNIT	SUB-STRUCTURE	SUPER-STRUCTURE	TOTAL QUANTITY
Protective Shield	m <sup>2</sup>	-	1810	1810
Removal of Existing Superstructure	L. Sum	-	1	1
Removal of Existing Concrete Deck	L. Sum	-	1	1
Structural Steel Removal	kg	-	71245	71245
Jacking and Cribbing	each	-	48	48
Concrete Removal	m <sup>3</sup>	77.6	-	77.6
Blasting Residue Containment and Disposal	L. Sum	-	1	1
Power Tool Cleaning Residue Containment and Disposal	L. Sum	-	1	1
Cleaning & Painting Steel Bridge	L. Sum	-	1	1
Stud Shear Connectors	each	-	5646	5646
Furnishing & Erecting Structural Steel	L. Sum	-	1	1
Elastomeric Bearing Assembly, Type I	each	-	35	35
Elastomeric Bearing Assembly, Type II	each	-	32	32
Floating Bearings, Guided Expansion (800 kN)	each	-	1	1
Floating Bearings, Fixed (1500 kN)	each	-	2	2
Neoprene Expansion Joint, 50 mm	m	-	45	45
Neoprene Expansion Joint, 65 mm	m	-	6.1	6.1
Structural Excavation	m <sup>3</sup>	14	-	14
Porous Granular Embankment	m <sup>3</sup>	14	-	14
Concrete Superstructure	m <sup>3</sup>	-	712.4	712.4
Concrete Structure	m <sup>3</sup>	93.9	-	93.9
Reinforcement Bars, Epoxy Coated	kg	10200	93350	103550
Mechanical Splice	each	12	-	12
Bridge Seat Sealer	m <sup>2</sup>	26.6	-	26.6
High Performance Enhanced Shotcrete	m <sup>2</sup>	71.9	-	71.9
Formed Concrete Repair, Depth > 125 mm	m <sup>2</sup>	10.9	-	10.9
Epoxy Crack Sealing	m	6.0	-	6.0
Protective Coat	m <sup>2</sup>	-	2200	2200
Bridge Deck Grooving	m <sup>2</sup>	-	1475	1475
Drainage System	L. Sum	-	1	1
Name Plates	each	1	-	1
Drainage Scupper (Special)	each	-	2	2

\* Includes the deck surface and sidewalks

DESIGNED RAW
CHECKED GPM
DRAWN JJK
CHECKED GJH

**HNTB** HNTB CORPORATION

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GENERAL NOTES AND QUANTITIES	
ADAMS STREET OVER I-90/94 F.A.U. RTE. 1421, SEC. 0101-2-3B-R	
COOK COUNTY STA. 1+350.04 STR. NUM. 016-0589	
Scale: None	Date: 11/13/97

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USER NAME = vjjanachone	DESIGNED - JTF	REVISED -
PLOT SCALE = NTS	CHECKED - WJC	REVISED -
PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
	CHECKED - WJC	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING RECORD DRAWINGS**

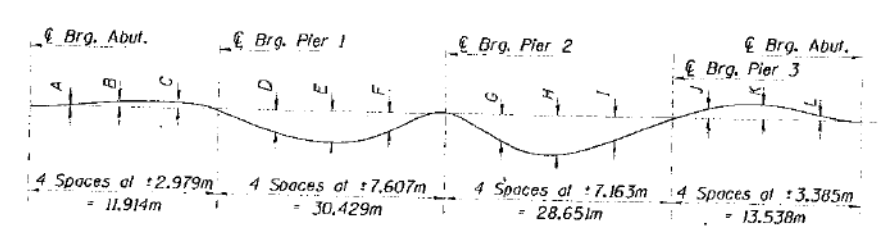
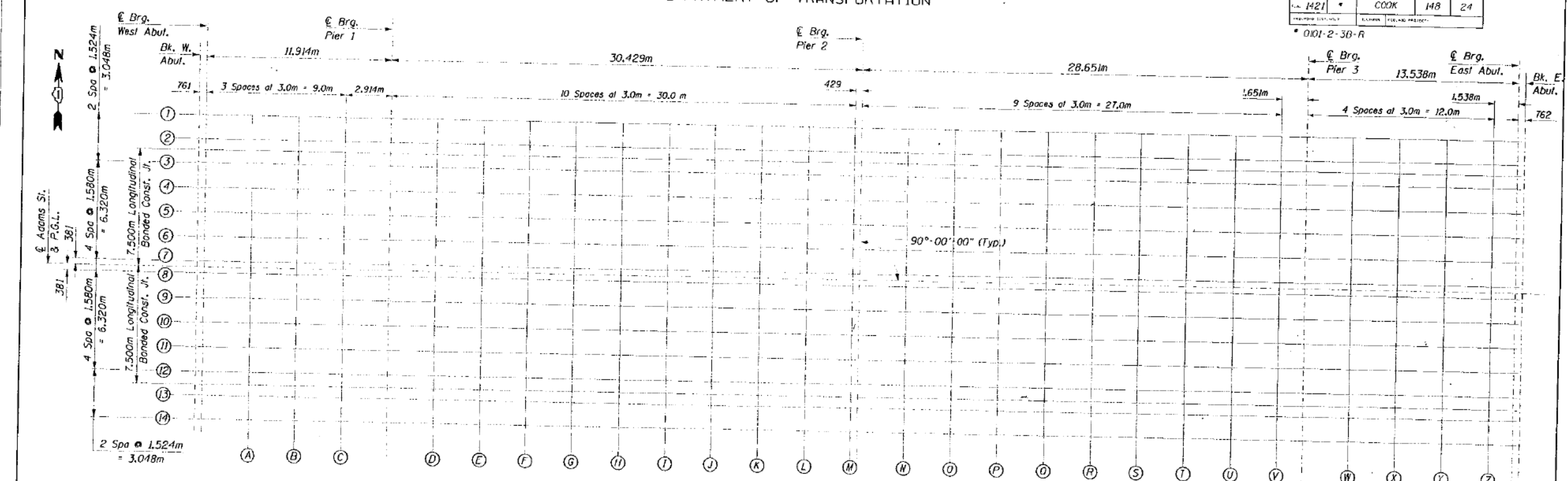
SHEET NO. AB-005 OF AB-145 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	685
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
1421	COOK	148	24	S-5
* 0101-2-38-R				



DEAD LOAD DEFLECTION DIAGRAM  
(Includes weight of concrete only)

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown in tables.

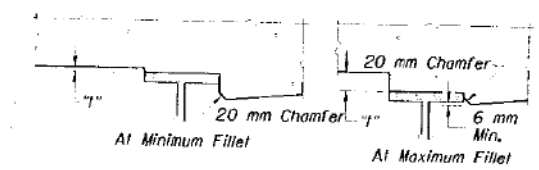
DEAD LOAD DEFLECTION TABLE

BEAM	A	B	C	D	E	F	G	H	I	J	K	L
1	0	1	2	-17	-21	-5	-22	-34	-23	4	3	2
2-3	2	3	4	-23	-34	-18	-10	-24	-16	2	2	1
4-5	1	2	3	-19	-28	-13	-8	-19	-13	2	1	0
6-9	1	2	3	-17	-24	-12	-7	-16	-12	2	1	0
10-11	1	2	3	-20	-29	-15	-8	-19	-14	2	2	1
12-13	1	3	4	-24	-36	-19	-10	-24	-17	3	2	1
14	1	4	4	-25	-38	-20	-10	-24	-17	1	1	0

DESIGNED	GPM
CHECKED	RAW
DRAWN	GPM
CHECKED	RAW

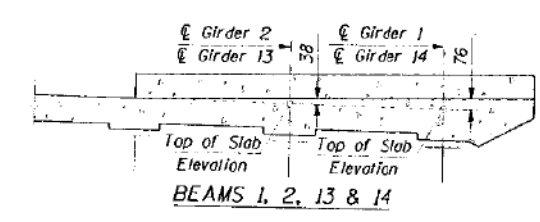
**HNTB** HNTB CORPORATION  
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KEY PLAN



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown in the tables. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown in tables, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



NOTES:

1. All dimensions are in millimeters (mm) except as noted.
2. All elevations and offsets are in meters.
3. "-" Deflection is downward "+" Deflection is upward.

TOP OF DECK ELEVATIONS  
LOCATION GRID AND DETAILS  
ADAMS STREET  
ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-38-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589  
Scale: None Date: 11/13/97

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USER NAME = v1janachone	DESIGNED - JTF	REVISED -
PLOT SCALE = NTS	CHECKED - WJC	REVISED -
PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
	CHECKED - WJC	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

SHEET NO. AB-006 OF AB-145 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	686
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

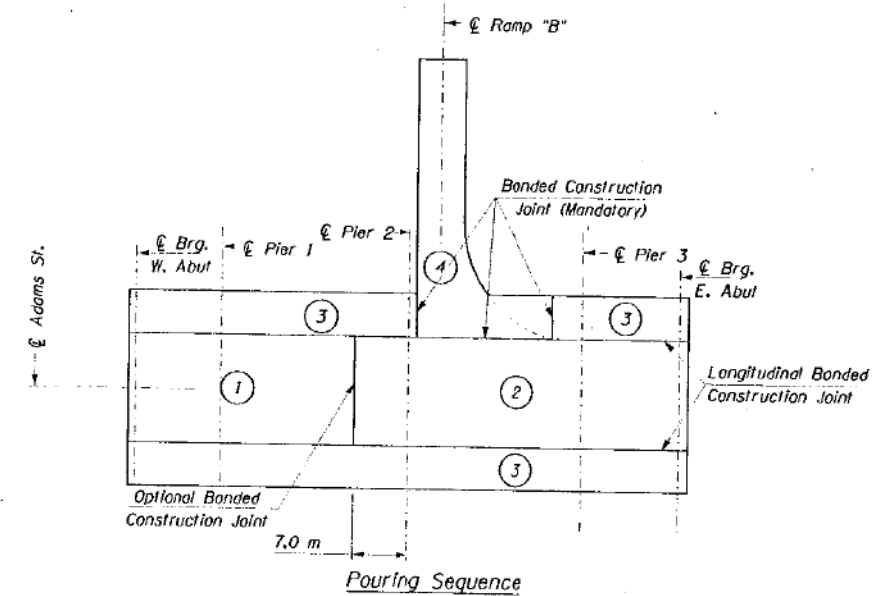
## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	NO.	SHEET NO. S-6
1421		COOK	148	25	
PROJECT: 0101-2-3B-R					

Beam 1				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	-9.750	181.641	181.641
€ Brg. West Abut.	1+308.000	-9.750	181.676	181.676
A	1+311.000	-9.750	181.797	181.798
B	1+314.000	-9.750	181.941	181.942
C	1+317.000	-9.750	182.072	182.072
€ Pier 1	1+319.914	-9.750	182.189	182.189
D	1+322.914	-9.750	182.297	182.299
E	1+325.914	-9.750	182.393	182.398
F	1+328.914	-9.750	182.476	182.482
G	1+331.914	-9.750	182.548	182.554
H	1+334.914	-9.750	182.608	182.611
I	1+337.914	-9.750	182.656	182.654
J	1+340.914	-9.750	182.692	182.686
K	1+343.914	-9.750	182.715	182.708
L	1+346.914	-9.750	182.727	182.722
M	1+349.914	-9.750	182.727	182.726
€ Pier 2	1+350.343	-9.750	182.726	182.726
N	1+353.343	-9.750	182.712	182.722
O	1+356.343	-9.750	182.686	182.707
P	1+359.343	-9.750	182.647	182.676
Q	1+362.343	-9.750	182.597	182.632
R	1+365.343	-9.750	182.535	182.570
S	1+368.343	-9.750	182.461	182.491
T	1+371.343	-9.750	182.374	182.397
U	1+374.343	-9.750	182.276	182.289
V	1+377.343	-9.750	182.166	182.170
€ Pier 3	1+378.994	-9.750	182.100	182.100
W	1+381.994	-9.750	181.971	181.968
X	1+384.994	-9.750	181.831	181.827
Y	1+387.994	-9.750	181.684	181.682
Z	1+390.994	-9.750	181.558	181.557
€ Brg. East. Abut.	1+392.532	-9.750	181.495	181.495
Bk. East. Abut.	1+393.294	-9.750	181.465	181.465

Beam 2				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	-8.225	181.672	181.672
€ Brg. West Abut.	1+308.000	-8.225	181.706	181.706
A	1+311.000	-8.225	181.827	181.825
B	1+314.000	-8.225	181.971	181.968
C	1+317.000	-8.225	182.103	182.099
€ Pier 1	1+319.914	-8.225	182.219	182.219
D	1+322.914	-8.225	182.327	182.331
E	1+325.914	-8.225	182.423	182.441
F	1+328.914	-8.225	182.507	182.534
G	1+331.914	-8.225	182.579	182.612
H	1+334.914	-8.225	182.639	182.673
I	1+337.914	-8.225	182.686	182.717
J	1+340.914	-8.225	182.722	182.745
K	1+343.914	-8.225	182.746	182.760
L	1+346.914	-8.225	182.758	182.763
M	1+349.914	-8.225	182.757	182.757
€ Pier 2	1+350.343	-8.225	182.756	182.756
N	1+353.343	-8.225	182.742	182.744
O	1+356.343	-8.225	182.716	182.723
P	1+359.343	-8.225	182.678	182.692
Q	1+362.343	-8.225	182.628	182.648
R	1+365.343	-8.225	182.565	182.587
S	1+368.343	-8.225	182.491	182.512
T	1+371.343	-8.225	182.405	182.422
U	1+374.343	-8.225	182.306	182.316
V	1+377.343	-8.225	182.196	182.199
€ Pier 3	1+378.994	-8.225	182.130	182.130
W	1+381.994	-8.225	182.001	181.999
X	1+384.994	-8.225	181.861	181.859
Y	1+387.994	-8.225	181.714	181.713
Z	1+390.994	-8.225	181.589	181.589
€ Brg. East. Abut.	1+392.532	-8.225	181.526	181.526
Bk. East. Abut.	1+393.294	-8.225	181.496	181.496

All elevations and offsets are in meters.



1. Pouring sequence indicated by the .
2. At Least 72 hours shall have elapsed from the end of the previous pour.
3. The concrete strength shall have a minimum modulus of rupture of 4.5 MPa or a minimum compressive strength of 24 MPa.

DESIGNED	GPM
CHECKED	RAW
DRAWN	GPM
CHECKED	RAW

**HNTB** HNTB CORPORATION  
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 07-JAN-1998 10:47 JKm

TOP OF DECK ELEVATIONS ADAMS STREET	
ADAMS STREET OVER I-90/94 F.A.U. RTE. 1421, SEC. 0101-2-3B-R	
COOK COUNTY STA. 1+350.04 STR. NUM. 016-0589	
Scale: None	Date: 11/13/97

11/16/19 AM 11:16:19 AM D:\60X94-SHT-AS-BUILT-007.dgn



USER NAME = v1janachone	DESIGNED - JTF	REVISED -
	CHECKED - WJC	REVISED -
PLOT SCALE = NTS	DRAWN - JTF	REVISED -
PLOT DATE = 3/6/2020	CHECKED - WJC	REVISED -

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### EXISTING RECORD DRAWINGS

SHEET NO. AB-007 OF AB-145 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	687
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	DATE	DATE	DATE
1421	*	COOK	148	26
DESIGNED BY		DRAWN BY		CHECKED BY
HNTB		HNTB		HNTB

\* 0101-2-38-R

SHEET NO. 5-7

*North Longitudinal Bonded Construction Joint*

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	-7.500	181.686	181.686
⊕ Brg. West Abut.	1+308.000	-7.500	181.721	181.721
A	1+311.000	-7.500	181.842	181.840
B	1+314.000	-7.500	181.986	181.983
C	1+317.000	-7.500	182.117	182.113
⊕ Pier 1	1+319.914	-7.500	182.234	182.234
D	1+322.914	-7.500	182.342	182.346
E	1+325.914	-7.500	182.438	182.456
F	1+328.914	-7.500	182.521	182.548
G	1+331.914	-7.500	182.593	182.626
H	1+334.914	-7.500	182.653	182.687
I	1+337.914	-7.500	182.701	182.732
J	1+340.914	-7.500	182.737	182.760
K	1+343.914	-7.500	182.760	182.774
L	1+346.914	-7.500	182.772	182.777
M	1+349.914	-7.500	182.772	182.772
⊕ Pier 2	1+350.343	-7.500	182.771	182.771
N	1+353.343	-7.500	182.757	182.759
O	1+356.343	-7.500	182.731	182.738
P	1+359.343	-7.500	182.692	182.706
Q	1+362.343	-7.500	182.642	182.662
R	1+365.343	-7.500	182.580	182.602
S	1+368.343	-7.500	182.506	182.527
T	1+371.343	-7.500	182.419	182.436
U	1+374.343	-7.500	182.321	182.331
V	1+377.343	-7.500	182.211	182.214
⊕ Pier 3	1+378.994	-7.500	182.145	182.145
W	1+381.994	-7.500	182.016	182.014
X	1+384.994	-7.500	181.876	181.874
Y	1+387.994	-7.500	181.729	181.728
Z	1+390.994	-7.500	181.603	181.603
⊕ Brg. East. Abut.	1+392.532	-7.500	181.540	181.540
Bk. East. Abut.	1+393.294	-7.500	181.510	181.510

*Beam 3*

Location	Station	Offset	Grade Elevations	Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	-6.700	181.702	181.702
⊕ Brg. West Abut.	1+308.000	-6.700	181.737	181.737
A	1+311.000	-6.700	181.858	181.856
B	1+314.000	-6.700	182.002	181.999
C	1+317.000	-6.700	182.133	182.129
⊕ Pier 1	1+319.914	-6.700	182.250	182.250
D	1+322.914	-6.700	182.358	182.362
E	1+325.914	-6.700	182.454	182.472
F	1+328.914	-6.700	182.537	182.564
G	1+331.914	-6.700	182.609	182.642
H	1+334.914	-6.700	182.669	182.703
I	1+337.914	-6.700	182.717	182.748
J	1+340.914	-6.700	182.753	182.776
K	1+343.914	-6.700	182.776	182.790
L	1+346.914	-6.700	182.788	182.793
M	1+349.914	-6.700	182.788	182.788
⊕ Pier 2	1+350.343	-6.700	182.787	182.787
N	1+353.343	-6.700	182.773	182.775
O	1+356.343	-6.700	182.747	182.754
P	1+359.343	-6.700	182.708	182.722
Q	1+362.343	-6.700	182.658	182.678
R	1+365.343	-6.700	182.596	182.618
S	1+368.343	-6.700	182.522	182.543
T	1+371.343	-6.700	182.435	182.452
U	1+374.343	-6.700	182.337	182.347
V	1+377.343	-6.700	182.227	182.230
⊕ Pier 3	1+378.994	-6.700	182.161	182.161
W	1+381.994	-6.700	182.032	182.030
X	1+384.994	-6.700	181.892	181.890
Y	1+387.994	-6.700	181.745	181.744
Z	1+390.994	-6.700	181.619	181.619
⊕ Brg. East. Abut.	1+392.532	-6.700	181.556	181.556
Bk. East. Abut.	1+393.294	-6.700	181.526	181.526

*Beam 4*

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	-5.120	181.734	181.734
⊕ Brg. West Abut.	1+308.000	-5.120	181.768	181.768
A	1+311.000	-5.120	181.889	181.888
B	1+314.000	-5.120	182.033	182.031
C	1+317.000	-5.120	182.165	182.162
⊕ Pier 1	1+319.914	-5.120	182.281	182.281
D	1+322.914	-5.120	182.389	182.391
E	1+325.914	-5.120	182.485	182.500
F	1+328.914	-5.120	182.569	182.591
G	1+331.914	-5.120	182.641	182.668
H	1+334.914	-5.120	182.701	182.729
I	1+337.914	-5.120	182.749	182.774
J	1+340.914	-5.120	182.784	182.803
K	1+343.914	-5.120	182.808	182.819
L	1+346.914	-5.120	182.820	182.825
M	1+349.914	-5.120	182.819	182.819
⊕ Pier 2	1+350.343	-5.120	182.818	182.818
N	1+353.343	-5.120	182.804	182.805
O	1+356.343	-5.120	182.778	182.784
P	1+359.343	-5.120	182.740	182.752
Q	1+362.343	-5.120	182.690	182.706
R	1+365.343	-5.120	182.628	182.647
S	1+368.343	-5.120	182.553	182.570
T	1+371.343	-5.120	182.467	182.481
U	1+374.343	-5.120	182.369	182.376
V	1+377.343	-5.120	182.258	182.259
⊕ Pier 3	1+378.994	-5.120	182.192	182.192
W	1+381.994	-5.120	182.063	182.061
X	1+384.994	-5.120	181.923	181.921
Y	1+387.994	-5.120	181.776	181.776
Z	1+390.994	-5.120	181.651	181.651
⊕ Brg. East. Abut.	1+392.532	-5.120	181.588	181.588
Bk. East. Abut.	1+393.294	-5.120	181.558	181.558

All elevations and offsets are in meters.

DESIGNED	GPM
CHECKED	RAW
DRAWN	GPM
CHECKED	RAW

**HNTB** HNTB CORPORATION  
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 07-JAN-1998 10:48 JKim

TOP OF DECK ELEVATIONS  
ADAMS STREET

ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-38-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589

Scale: None      Date: 11/13/97

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USER NAME = v1janachone	DESIGNED - JTF	REVISED -
PLOT SCALE = NTS	CHECKED - WJC	REVISED -
PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
	CHECKED - WJC	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

SHEET NO. AB-008 OF AB-145 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	688
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				



# FOR INFORMATION ONLY

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	MILES	SHEET NO.
1421	*	COOK	148	27
* 0101-2-38-R				

**Beam 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	-3.540	181.765	181.765
€ Brg. West Abut.	1+308.000	-3.540	181.800	181.800
A	1+311.000	-3.540	181.921	181.920
B	1+314.000	-3.540	182.065	182.063
C	1+317.000	-3.540	182.196	182.193
€ Pier 1	1+319.914	-3.540	182.313	182.313
D	1+322.914	-3.540	182.421	182.423
E	1+325.914	-3.540	182.517	182.532
F	1+328.914	-3.540	182.601	182.623
G	1+331.914	-3.540	182.673	182.700
H	1+334.914	-3.540	182.732	182.760
I	1+337.914	-3.540	182.780	182.805
J	1+340.914	-3.540	182.816	182.835
K	1+343.914	-3.540	182.840	182.851
L	1+346.914	-3.540	182.851	182.856
M	1+349.914	-3.540	182.851	182.851
€ Pier 2	1+350.343	-3.540	182.850	182.850
N	1+353.343	-3.540	182.836	182.837
O	1+356.343	-3.540	182.810	182.816
P	1+359.343	-3.540	182.772	182.784
Q	1+362.343	-3.540	182.721	182.737
R	1+365.343	-3.540	182.659	182.678
S	1+368.343	-3.540	182.585	182.602
T	1+371.343	-3.540	182.499	182.513
U	1+374.343	-3.540	182.400	182.407
V	1+377.343	-3.540	182.290	182.291
€ Pier 3	1+378.994	-3.540	182.224	182.224
W	1+381.994	-3.540	182.095	182.093
X	1+384.994	-3.540	181.955	181.953
Y	1+387.994	-3.540	181.808	181.808
Z	1+390.994	-3.540	181.683	181.683
€ Brg. East. Abut.	1+392.532	-3.540	181.620	181.620
Bk. East. Abut.	1+393.294	-3.540	181.590	181.590

**Beam 6**

Location	Station	Offset	Theoretical Grade Elevations	Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	-1.960	181.790	181.790
€ Brg. West Abut.	1+308.000	-1.960	181.824	181.824
A	1+311.000	-1.960	181.946	181.945
B	1+314.000	-1.960	182.089	182.087
C	1+317.000	-1.960	182.221	182.218
€ Pier 1	1+319.914	-1.960	182.337	182.337
D	1+322.914	-1.960	182.445	182.446
E	1+325.914	-1.960	182.541	182.554
F	1+328.914	-1.960	182.625	182.645
G	1+331.914	-1.960	182.697	182.721
H	1+334.914	-1.960	182.757	182.781
I	1+337.914	-1.960	182.805	182.827
J	1+340.914	-1.960	182.841	182.858
K	1+343.914	-1.960	182.864	182.874
L	1+346.914	-1.960	182.876	182.880
M	1+349.914	-1.960	182.876	182.876
€ Pier 2	1+350.343	-1.960	182.875	182.875
N	1+353.343	-1.960	182.861	182.862
O	1+356.343	-1.960	182.834	182.839
P	1+359.343	-1.960	182.796	182.806
Q	1+362.343	-1.960	182.746	182.761
R	1+365.343	-1.960	182.684	182.700
S	1+368.343	-1.960	182.609	182.625
T	1+371.343	-1.960	182.523	182.536
U	1+374.343	-1.960	182.425	182.432
V	1+377.343	-1.960	182.314	182.316
€ Pier 3	1+378.994	-1.960	182.249	182.249
W	1+381.994	-1.960	182.120	182.118
X	1+384.994	-1.960	181.979	181.977
Y	1+387.994	-1.960	181.832	181.832
Z	1+390.994	-1.960	181.707	181.707
€ Brg. East. Abut.	1+392.532	-1.960	181.644	181.644
Bk. East. Abut.	1+393.294	-1.960	181.614	181.614

**Beam 7**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	-0.380	181.814	181.814
€ Brg. West Abut.	1+308.000	-0.380	181.848	181.848
A	1+311.000	-0.380	181.969	181.968
B	1+314.000	-0.380	182.113	182.111
C	1+317.000	-0.380	182.245	182.242
€ Pier 1	1+319.914	-0.380	182.361	182.361
D	1+322.914	-0.380	182.469	182.470
E	1+325.914	-0.380	182.565	182.578
F	1+328.914	-0.380	182.649	182.669
G	1+331.914	-0.380	182.721	182.745
H	1+334.914	-0.380	182.781	182.805
I	1+337.914	-0.380	182.829	182.851
J	1+340.914	-0.380	182.864	182.881
K	1+343.914	-0.380	182.888	182.898
L	1+346.914	-0.380	182.900	182.904
M	1+349.914	-0.380	182.899	182.899
€ Pier 2	1+350.343	-0.380	182.898	182.898
N	1+353.343	-0.380	182.884	182.885
O	1+356.343	-0.380	182.858	182.863
P	1+359.343	-0.380	182.820	182.830
Q	1+362.343	-0.380	182.770	182.785
R	1+365.343	-0.380	182.707	182.723
S	1+368.343	-0.380	182.633	182.649
T	1+371.343	-0.380	182.547	182.560
U	1+374.343	-0.380	182.449	182.456
V	1+377.343	-0.380	182.338	182.340
€ Pier 3	1+378.994	-0.380	182.272	182.272
W	1+381.994	-0.380	182.143	182.141
X	1+384.994	-0.380	182.003	182.001
Y	1+387.994	-0.380	181.856	181.856
Z	1+390.994	-0.380	181.731	181.731
€ Brg. East. Abut.	1+392.532	-0.380	181.668	181.668
Bk. East. Abut.	1+393.294	-0.380	181.638	181.638

All elevations and offsets are in meters.

DESIGNED	GPM
CHECKED	RAW
DRAWN	GPM
CHECKED	RAW

**HNTB** HNTB CORPORATION

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TOP OF DECK ELEVATIONS  
ADAMS STREET

ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-38-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589

Scale: None Date: 11/13/97

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USER NAME = v\janachone	DESIGNED - JTF	REVISED -
PLOT SCALE = NTS	CHECKED - WJC	REVISED -
PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
	CHECKED - WJC	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING RECORD DRAWINGS**

SHEET NO. AB-009 OF AB-145 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	689
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNT	DATE	SHEET NO.
1421	COOK	148	28	5-9
* 0101-2-3B-R				

### @ ADAMS ST. & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	0.000	181.819	181.819
@ Brg. West Abut.	1+308.000	0.000	181.854	181.854
A	1+311.000	0.000	181.975	181.974
B	1+314.000	0.000	182.119	182.117
C	1+317.000	0.000	182.250	182.247
@ Pier 1	1+319.914	0.000	182.367	182.367
D	1+322.914	0.000	182.475	182.476
E	1+325.914	0.000	182.571	182.584
F	1+328.914	0.000	182.655	182.675
G	1+331.914	0.000	182.727	182.751
H	1+334.914	0.000	182.786	182.810
I	1+337.914	0.000	182.834	182.856
J	1+340.914	0.000	182.870	182.887
K	1+343.914	0.000	182.894	182.904
L	1+346.914	0.000	182.905	182.909
M	1+349.914	0.000	182.905	182.905
@ Pier 2	1+350.343	0.000	182.904	182.904
N	1+353.343	0.000	182.890	182.891
O	1+356.343	0.000	182.864	182.869
P	1+359.343	0.000	182.826	182.836
Q	1+362.343	0.000	182.775	182.790
R	1+365.343	0.000	182.713	182.729
S	1+368.343	0.000	182.639	182.655
T	1+371.343	0.000	182.553	182.566
U	1+374.343	0.000	182.454	182.461
V	1+377.343	0.000	182.344	182.346
@ Pier 3	1+378.994	0.000	182.278	182.278
W	1+381.994	0.000	182.149	182.147
X	1+384.994	0.000	182.009	182.007
Y	1+387.994	0.000	181.862	181.862
Z	1+390.994	0.000	181.737	181.737
@ Brg. East. Abut.	1+392.532	0.000	181.674	181.674
Bk. East. Abut.	1+393.294	0.000	181.644	181.644

### Beam 8

Location	Station	Offset	Theoretical Grade	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	0.380	181.814	181.814
@ Brg. West Abut.	1+308.000	0.380	181.848	181.848
A	1+311.000	0.380	181.969	181.968
B	1+314.000	0.380	182.113	182.111
C	1+317.000	0.380	182.245	182.242
@ Pier 1	1+319.914	0.380	182.361	182.361
D	1+322.914	0.380	182.469	182.470
E	1+325.914	0.380	182.565	182.578
F	1+328.914	0.380	182.649	182.669
G	1+331.914	0.380	182.721	182.745
H	1+334.914	0.380	182.781	182.805
I	1+337.914	0.380	182.829	182.851
J	1+340.914	0.380	182.864	182.881
K	1+343.914	0.380	182.888	182.898
L	1+346.914	0.380	182.900	182.904
M	1+349.914	0.380	182.899	182.899
@ Pier 2	1+350.343	0.380	182.898	182.898
N	1+353.343	0.380	182.884	182.885
O	1+356.343	0.380	182.858	182.863
P	1+359.343	0.380	182.820	182.830
Q	1+362.343	0.380	182.770	182.785
R	1+365.343	0.380	182.707	182.723
S	1+368.343	0.380	182.633	182.649
T	1+371.343	0.380	182.547	182.560
U	1+374.343	0.380	182.449	182.456
V	1+377.343	0.380	182.338	182.340
@ Pier 3	1+378.994	0.380	182.272	182.272
W	1+381.994	0.380	182.143	182.141
X	1+384.994	0.380	182.003	182.001
Y	1+387.994	0.380	181.856	181.856
Z	1+390.994	0.380	181.731	181.731
@ Brg. East. Abut.	1+392.532	0.380	181.668	181.668
Bk. East. Abut.	1+393.294	0.380	181.638	181.638

### Beam 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	1.960	181.790	181.790
@ Brg. West Abut.	1+308.000	1.960	181.824	181.824
A	1+311.000	1.960	181.946	181.945
B	1+314.000	1.960	182.089	182.087
C	1+317.000	1.960	182.221	182.218
@ Pier 1	1+319.914	1.960	182.337	182.337
D	1+322.914	1.960	182.445	182.446
E	1+325.914	1.960	182.541	182.554
F	1+328.914	1.960	182.625	182.645
G	1+331.914	1.960	182.697	182.721
H	1+334.914	1.960	182.757	182.781
I	1+337.914	1.960	182.805	182.827
J	1+340.914	1.960	182.841	182.858
K	1+343.914	1.960	182.864	182.874
L	1+346.914	1.960	182.876	182.880
M	1+349.914	1.960	182.876	182.876
@ Pier 2	1+350.343	1.960	182.875	182.875
N	1+353.343	1.960	182.861	182.862
O	1+356.343	1.960	182.834	182.839
P	1+359.343	1.960	182.796	182.806
Q	1+362.343	1.960	182.746	182.761
R	1+365.343	1.960	182.684	182.700
S	1+368.343	1.960	182.609	182.625
T	1+371.343	1.960	182.523	182.536
U	1+374.343	1.960	182.425	182.432
V	1+377.343	1.960	182.314	182.316
@ Pier 3	1+378.994	1.960	182.249	182.249
W	1+381.994	1.960	182.120	182.118
X	1+384.994	1.960	181.979	181.977
Y	1+387.994	1.960	181.832	181.832
Z	1+390.994	1.960	181.707	181.707
@ Brg. East. Abut.	1+392.532	1.960	181.644	181.644
Bk. East. Abut.	1+393.294	1.960	181.614	181.614

All elevations and offsets are in meters.

DESIGNED	GPM
CHECKED	RAW
DRAWN	GPM
CHECKED	RAW

**HNTB** HNTB CORPORATION  
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 07-JAN-1998 10:49 JKm

TOP OF DECK ELEVATIONS  
ADAMS STREET

ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-3B-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589

Scale: None Date: 11/13/97

11/16/93 AM 11:00:00 D:\60X94-SHT-AS-BUILT-010.dgn



USER NAME = vljanachone	DESIGNED - JTF	REVISED -
PLOT SCALE = NTS	CHECKED - WJC	REVISED -
PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
	CHECKED - WJC	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING RECORD DRAWINGS**

SHEET NO. AB-010 OF AB-145 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	690
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.
1421	*	COOK	148 29
SHEET NO. 5-10			
* 0101-2-3B-R			

**Beam 10**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	3.540	181.766	181.766
€ Brg. West Abut.	1+308.000	3.540	181.801	181.801
A	1+311.000	3.540	181.922	181.921
B	1+314.000	3.540	182.066	182.064
C	1+317.000	3.540	182.197	182.194
€ Pier 1	1+319.914	3.540	182.314	182.314
D	1+322.914	3.540	182.422	182.425
E	1+325.914	3.540	182.518	182.533
F	1+328.914	3.540	182.602	182.625
G	1+331.914	3.540	182.673	182.701
H	1+334.914	3.540	182.733	182.762
I	1+337.914	3.540	182.781	182.807
J	1+340.914	3.540	182.817	182.837
K	1+343.914	3.540	182.841	182.853
L	1+346.914	3.540	182.852	182.857
M	1+349.914	3.540	182.852	182.852
€ Pier 2	1+350.343	3.540	182.851	182.851
N	1+353.343	3.540	182.837	182.838
O	1+356.343	3.540	182.811	182.817
P	1+359.343	3.540	182.773	182.785
Q	1+362.343	3.540	182.722	182.739
R	1+365.343	3.540	182.660	182.679
S	1+368.343	3.540	182.586	182.604
T	1+371.343	3.540	182.499	182.514
U	1+374.343	3.540	182.401	182.410
V	1+377.343	3.540	182.291	182.293
€ Pier 3	1+378.994	3.540	182.225	182.225
W	1+381.994	3.540	182.096	182.094
X	1+384.994	3.540	181.956	181.954
Y	1+387.994	3.540	181.809	181.808
Z	1+390.994	3.540	181.684	181.684
€ Brg. East. Abut.	1+392.532	3.540	181.621	181.621
Bk. East. Abut.	1+393.294	3.540	181.591	181.591

**Beam 11**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	5.120	181.734	181.734
€ Brg. West Abut.	1+308.000	5.120	181.768	181.768
A	1+311.000	5.120	181.889	181.888
B	1+314.000	5.120	182.033	182.031
C	1+317.000	5.120	182.165	182.162
€ Pier 1	1+319.914	5.120	182.281	182.281
D	1+322.914	5.120	182.389	182.392
E	1+325.914	5.120	182.485	182.500
F	1+328.914	5.120	182.569	182.592
G	1+331.914	5.120	182.641	182.669
H	1+334.914	5.120	182.701	182.730
I	1+337.914	5.120	182.749	182.775
J	1+340.914	5.120	182.784	182.804
K	1+343.914	5.120	182.808	182.820
L	1+346.914	5.120	182.820	182.825
M	1+349.914	5.120	182.819	182.819
€ Pier 2	1+350.343	5.120	182.818	182.818
N	1+353.343	5.120	182.804	182.805
O	1+356.343	5.120	182.778	182.784
P	1+359.343	5.120	182.740	182.752
Q	1+362.343	5.120	182.690	182.707
R	1+365.343	5.120	182.628	182.647
S	1+368.343	5.120	182.553	182.571
T	1+371.343	5.120	182.467	182.482
U	1+374.343	5.120	182.369	182.378
V	1+377.343	5.120	182.258	182.260
€ Pier 3	1+378.994	5.120	182.192	182.192
W	1+381.994	5.120	182.063	182.061
X	1+384.994	5.120	181.923	181.921
Y	1+387.994	5.120	181.776	181.775
Z	1+390.994	5.120	181.651	181.651
€ Brg. East. Abut.	1+392.532	5.120	181.588	181.588
Bk. East. Abut.	1+393.294	5.120	181.558	181.558

**Beam 12**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	6.700	181.702	181.702
€ Brg. West Abut.	1+308.000	6.700	181.737	181.737
A	1+311.000	6.700	181.858	181.857
B	1+314.000	6.700	182.002	181.999
C	1+317.000	6.700	182.133	182.130
€ Pier 1	1+319.914	6.700	182.250	182.250
D	1+322.914	6.700	182.358	182.362
E	1+325.914	6.700	182.454	182.473
F	1+328.914	6.700	182.537	182.565
G	1+331.914	6.700	182.609	182.643
H	1+334.914	6.700	182.669	182.705
I	1+337.914	6.700	182.717	182.749
J	1+340.914	6.700	182.753	182.778
K	1+343.914	6.700	182.776	182.790
L	1+346.914	6.700	182.788	182.794
M	1+349.914	6.700	182.788	182.788
€ Pier 2	1+350.343	6.700	182.787	182.787
N	1+353.343	6.700	182.773	182.775
O	1+356.343	6.700	182.747	182.755
P	1+359.343	6.700	182.708	182.723
Q	1+362.343	6.700	182.658	182.679
R	1+365.343	6.700	182.596	182.620
S	1+368.343	6.700	182.522	182.544
T	1+371.343	6.700	182.435	182.453
U	1+374.343	6.700	182.337	182.347
V	1+377.343	6.700	182.227	182.230
€ Pier 3	1+378.994	6.700	182.161	182.161
W	1+381.994	6.700	182.032	182.030
X	1+384.994	6.700	181.892	181.890
Y	1+387.994	6.700	181.745	181.744
Z	1+390.994	6.700	181.619	181.619
€ Brg. East. Abut.	1+392.532	6.700	181.556	181.556
Bk. East. Abut.	1+393.294	6.700	181.526	181.526

All elevations and offsets are in meters.

DESIGNED	GPM
CHECKED	RAW
DRAWN	GPM
CHECKED	RAW

**HNTB** HNTB CORPORATION  
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 07-JAN-1998 10:49 JRM

**TOP OF DECK ELEVATIONS  
ADAMS STREET**

ADAMS STREET OVER I-90/94  
 F.A.U. RTE. 1421, SEC. 0101-2-3B-R  
 COOK COUNTY  
 STA. 1+350.04  
 STR. NUM. 016-0589

Scale: None      Date: 11/13/97

11/17/04 AM 10:09:54-SHT-AS-BUILT-011.dgn



USER NAME = vjjanachone	DESIGNED - JTF	REVISED -
	CHECKED - WJC	REVISED -
PLOT SCALE = NTS	DRAWN - JTF	REVISED -
PLOT DATE = 3/6/2020	CHECKED - WJC	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING RECORD DRAWINGS**

SHEET NO. AB-011 OF AB-145 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	691
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	SHEET NO.
1421	COOK	148	30
SHEET NO. 5-11			

\* 0101-2-3B-R

South Longitudinal Bonded Construction Joint

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	7.500	181.686	181.686
€ Brg. West Abut.	1+308.000	7.500	181.721	181.721
A	1+311.000	7.500	181.842	181.841
B	1+314.000	7.500	181.986	181.983
C	1+317.000	7.500	182.117	182.114
€ Pier 1	1+319.914	7.500	182.234	182.234
D	1+322.914	7.500	182.342	182.346
E	1+325.914	7.500	182.438	182.457
F	1+328.914	7.500	182.521	182.549
G	1+331.914	7.500	182.593	182.627
H	1+334.914	7.500	182.653	182.689
I	1+337.914	7.500	182.701	182.733
J	1+340.914	7.500	182.737	182.762
K	1+343.914	7.500	182.760	182.774
L	1+346.914	7.500	182.772	182.778
M	1+349.914	7.500	182.772	182.772
€ Pier 2	1+350.343	7.500	182.771	182.771
N	1+353.343	7.500	182.757	182.759
O	1+356.343	7.500	182.731	182.739
P	1+359.343	7.500	182.692	182.707
Q	1+362.343	7.500	182.642	182.663
R	1+365.343	7.500	182.580	182.604
S	1+368.343	7.500	182.506	182.528
T	1+371.343	7.500	182.419	182.437
U	1+374.343	7.500	182.321	182.331
V	1+377.343	7.500	182.211	182.214
€ Pier 3	1+378.994	7.500	182.145	182.145
W	1+381.994	7.500	182.016	182.014
X	1+384.994	7.500	181.876	181.874
Y	1+387.994	7.500	181.729	181.728
Z	1+390.994	7.500	181.603	181.603
€ Brg. East. Abut.	1+392.532	7.500	181.540	181.540
Bk. East. Abut.	1+393.294	7.500	181.510	181.510

Beam 13

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	8.225	181.672	181.672
€ Brg. West Abut.	1+308.000	8.225	181.706	181.706
A	1+311.000	8.225	181.827	181.826
B	1+314.000	8.225	181.971	181.968
C	1+317.000	8.225	182.103	182.100
€ Pier 1	1+319.914	8.225	182.219	182.219
D	1+322.914	8.225	182.327	182.331
E	1+325.914	8.225	182.423	182.442
F	1+328.914	8.225	182.507	182.535
G	1+331.914	8.225	182.579	182.613
H	1+334.914	8.225	182.639	182.675
I	1+337.914	8.225	182.686	182.718
J	1+340.914	8.225	182.722	182.747
K	1+343.914	8.225	182.746	182.760
L	1+346.914	8.225	182.758	182.764
M	1+349.914	8.225	182.757	182.757
€ Pier 2	1+350.343	8.225	182.756	182.756
N	1+353.343	8.225	182.742	182.744
O	1+356.343	8.225	182.716	182.724
P	1+359.343	8.225	182.678	182.693
Q	1+362.343	8.225	182.628	182.649
R	1+365.343	8.225	182.565	182.589
S	1+368.343	8.225	182.491	182.513
T	1+371.343	8.225	182.405	182.423
U	1+374.343	8.225	182.306	182.316
V	1+377.343	8.225	182.196	182.199
€ Pier 3	1+378.994	8.225	182.130	182.130
W	1+381.994	8.225	182.001	181.999
X	1+384.994	8.225	181.861	181.859
Y	1+387.994	8.225	181.714	181.713
Z	1+390.994	8.225	181.589	181.589
€ Brg. East. Abut.	1+392.532	8.225	181.526	181.526
Bk. East. Abut.	1+393.294	8.225	181.496	181.496

Beam 14

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. West Abut.	1+307.239	9.750	181.641	181.641
€ Brg. West Abut.	1+308.000	9.750	181.676	181.676
A	1+311.000	9.750	181.797	181.796
B	1+314.000	9.750	181.941	181.937
C	1+317.000	9.750	182.072	182.068
€ Pier 1	1+319.914	9.750	182.189	182.189
D	1+322.914	9.750	182.297	182.306
E	1+325.914	9.750	182.393	182.413
F	1+328.914	9.750	182.476	182.506
G	1+331.914	9.750	182.548	182.585
H	1+334.914	9.750	182.608	182.646
I	1+337.914	9.750	182.656	182.691
J	1+340.914	9.750	182.692	182.718
K	1+343.914	9.750	182.715	182.730
L	1+346.914	9.750	182.727	182.733
M	1+349.914	9.750	182.727	182.727
€ Pier 2	1+350.343	9.750	182.726	182.726
N	1+353.343	9.750	182.712	182.713
O	1+356.343	9.750	182.686	182.694
P	1+359.343	9.750	182.647	182.662
Q	1+362.343	9.750	182.597	182.619
R	1+365.343	9.750	182.535	182.559
S	1+368.343	9.750	182.461	182.484
T	1+371.343	9.750	182.374	182.392
U	1+374.343	9.750	182.276	182.287
V	1+377.343	9.750	182.166	182.169
€ Pier 3	1+378.994	9.750	182.100	182.100
W	1+381.994	9.750	181.971	181.969
X	1+384.994	9.750	181.831	181.829
Y	1+387.994	9.750	181.684	181.684
Z	1+390.994	9.750	181.558	181.558
€ Brg. East. Abut.	1+392.532	9.750	181.495	181.495
Bk. East. Abut.	1+393.294	9.750	181.465	181.465

DESIGNED	GPM
CHECKED	RAW
DRAWN	GPM
CHECKED	RAW

**HNTB** HNTB CORPORATION

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07-JAN-1998 10:50 Jkjm

TOP OF DECK ELEVATIONS  
ADAMS STREET

ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-3B-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589

Scale: None Date: 11/13/97

11/17/16 AM  
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USER NAME = vjjanachione	DESIGNED - JTF	REVISED -
	CHECKED - WJC	REVISED -
PLOT SCALE = NTS	DRAWN - JTF	REVISED -
PLOT DATE = 3/6/2020	CHECKED - WJC	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

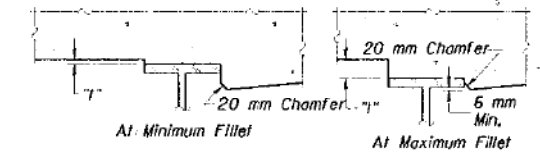
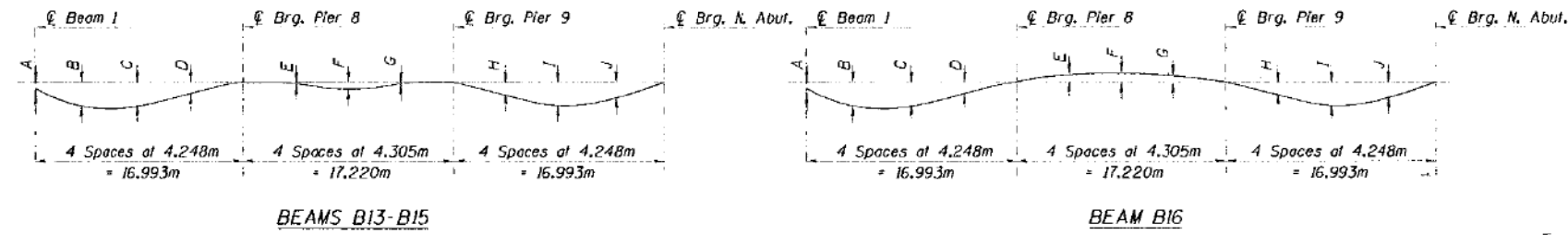
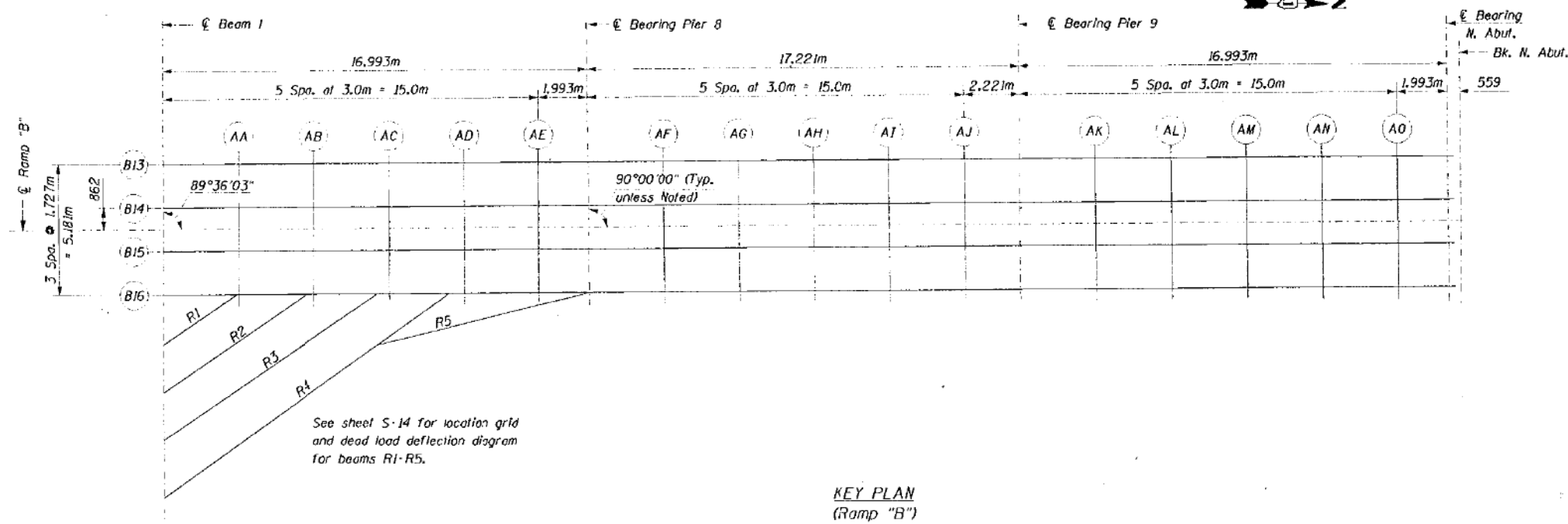
SHEET NO. AB-012 OF AB-145 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	692
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

# FOR INFORMATION ONLY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET NO. 5-12								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">PROJECT NO.</td> <td style="width: 25%;">COUNTY</td> <td style="width: 25%;">SHEET</td> <td style="width: 25%;">DATE</td> </tr> <tr> <td style="text-align: center;">1421</td> <td style="text-align: center;">COOK</td> <td style="text-align: center;">148</td> <td style="text-align: center;">31</td> </tr> </table>	PROJECT NO.	COUNTY	SHEET	DATE	1421	COOK	148	31
PROJECT NO.	COUNTY	SHEET	DATE					
1421	COOK	148	31					
* 0101-2-3B-R								



To determine "f": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown in the tables. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection"

**DEAD LOAD DEFLECTION DIAGRAMS**  
(Includes weight of concrete only)  
Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown in tables.  
Dead Load Deflection Diagrams Include Deflections from Beam 1 which effects the Deflection of each Beam.

**DEAD LOAD DEFLECTION TABLE**

BEAM	A	B	C	D	E	F	G	H	I	J
B13	-1	-21	-26	-15	-1	-4	-1	-14	-25	-20
B14	-6	-24	-28	-16	-1	-4	-1	-14	-25	-20
B15	-11	-27	-30	-17	0	-3	-1	-14	-25	-20
B16	-18	-29	-29	-17	7	6	5	-14	-23	-18

Note: Negative ("") deflections are downward

DESIGNED	GPM
CHECKED	RAW
DRAWN	GPM
CHECKED	RAW

**HNTB** HNTB CORPORATION  
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 07-JAN-1998 10:50 JKl

**TOP OF DECK ELEVATIONS  
LOCATION GRID AND DETAILS  
RAMP "B"**

ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-3B-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589

Scale: None      Date: 11/13/91

11/17/27 AM  
D160X94-SHT-AS-BUILT-013.dgn



USER NAME = v1janachone	DESIGNED - JTF	REVISED -
PLOT SCALE = NTS	CHECKED - WJC	REVISED -
PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
	CHECKED - WJC	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING RECORD DRAWINGS**  
SHEET NO. AB-013 OF AB-145 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	693
CONTRACT NO.			60X94	

ILLINOIS FED. AID PROJECT

# FOR INFORMATION ONLY

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	SHEET	TOTAL SHEETS
1421		COOK	148	32
* 0101-2-3B-R				

SHEET NO. S-13

Beam B13

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
☉ Beam 1 *	2+024.118	-2.591	182.726	182.727
AA *	2+027.118	-2.591	182.671	182.687
AB *	2+030.118	-2.591	182.616	182.641
AC *	2+033.118	-2.591	182.561	182.586
AD *	2+036.118	-2.591	182.506	182.524
AE *	2+039.118	-2.591	182.451	182.457
☉ Pier 8	2+041.096	-2.591	182.392	182.392
AF	2+044.096	-2.591	182.285	182.285
AG	2+047.096	-2.591	182.154	182.157
AH	2+050.096	-2.591	182.001	182.005
AI	2+053.096	-2.591	181.825	181.827
AJ	2+056.096	-2.591	181.626	181.625
☉ Pier 9	2+058.317	-2.591	181.469	181.469
AK	2+061.317	-2.591	181.257	181.267
AL	2+064.317	-2.591	181.044	181.064
AM	2+067.317	-2.591	180.832	180.857
AN	2+070.317	-2.591	180.620	180.642
AO	2+073.317	-2.591	180.408	180.419
☉ Brg. N. Abut.	2+075.310	-2.591	180.267	180.267
Bk. N. Abut.	2+075.869	-2.591	180.227	180.227

Beam B14

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
☉ Beam 1 *	2+024.108	-0.864	182.718	182.724
AA *	2+027.108	-0.864	182.661	182.680
AB *	2+030.108	-0.864	182.604	182.631
AC *	2+033.108	-0.864	182.548	182.575
AD *	2+036.108	-0.864	182.491	182.510
AE *	2+039.108	-0.864	182.434	182.440
☉ Pier 8	2+041.096	-0.864	182.375	182.375
AF	2+044.096	-0.864	182.268	182.268
AG	2+047.096	-0.864	182.137	182.140
AH	2+050.096	-0.864	181.984	181.988
AI	2+053.096	-0.864	181.808	181.810
AJ	2+056.096	-0.864	181.609	181.608
☉ Pier 9	2+058.317	-0.864	181.452	181.452
AK	2+061.317	-0.864	181.240	181.250
AL	2+064.317	-0.864	181.027	181.047
AM	2+067.317	-0.864	180.815	180.840
AN	2+070.317	-0.864	180.603	180.625
AO	2+073.317	-0.864	180.391	180.402
☉ Brg. N. Abut.	2+075.310	-0.864	180.250	180.250
Bk. N. Abut.	2+075.869	-0.864	180.210	180.210

☉ RAMP B & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
☉ Beam 1 *	2+024.103	0.000	182.712	182.744
AA *	2+027.103	0.000	182.655	182.697
AB *	2+030.103	0.000	182.597	182.644
AC *	2+033.103	0.000	182.540	182.583
AD *	2+036.103	0.000	182.481	182.515
AE *	2+039.103	0.000	182.425	182.431
☉ Pier 8	2+041.096	0.000	182.366	182.366
AF	2+044.096	0.000	182.259	182.259
AG	2+047.096	0.000	182.128	182.131
AH	2+050.096	0.000	181.975	181.979
AI	2+053.096	0.000	181.799	181.801
AJ	2+056.096	0.000	181.600	181.599
☉ Pier 9	2+058.317	0.000	181.443	181.443
AK	2+061.317	0.000	181.231	181.241
AL	2+064.317	0.000	181.018	181.038
AM	2+067.317	0.000	180.806	180.831
AN	2+070.317	0.000	180.594	180.617
AO	2+073.317	0.000	180.382	180.393
☉ Brg. N. Abut.	2+075.310	0.000	180.241	180.241
Bk. N. Abut.	2+075.869	0.000	180.201	180.201

\* Elevations warped to meet Adams St. Bridge elevations.

Beam B15

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
☉ Beam 1 *	2+024.098	0.864	182.706	182.717
AA *	2+027.098	0.864	182.648	182.672
AB *	2+030.098	0.864	182.590	182.621
AC *	2+033.098	0.864	182.532	182.561
AD *	2+036.098	0.864	182.474	182.494
AE *	2+039.098	0.864	182.416	182.422
☉ Pier 8	2+041.096	0.864	182.357	182.357
AF	2+044.096	0.864	182.250	182.250
AG	2+047.096	0.864	182.119	182.121
AH	2+050.096	0.864	181.966	181.969
AI	2+053.096	0.864	181.790	181.792
AJ	2+056.096	0.864	181.591	181.590
☉ Pier 9	2+058.317	0.864	181.434	181.434
AK	2+061.317	0.864	181.222	181.232
AL	2+064.317	0.864	181.009	181.029
AM	2+067.317	0.864	180.797	180.822
AN	2+070.317	0.864	180.585	180.608
AO	2+073.317	0.864	180.373	180.383
☉ Brg. N. Abut.	2+075.310	0.864	180.232	180.232
Bk. N. Abut.	2+075.869	0.864	180.192	180.192

Beam B16

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
☉ Beam 1 *	2+024.087	2.591	182.690	182.708
AA *	2+027.087	2.591	182.632	182.658
AB *	2+030.087	2.591	182.574	182.605
AC *	2+033.087	2.591	182.516	182.544
AD *	2+036.087	2.591	182.458	182.478
AE *	2+039.087	2.591	182.399	182.406
☉ Pier 8	2+041.096	2.591	182.340	182.340
AF	2+044.096	2.591	182.233	182.227
AG	2+047.096	2.591	182.102	182.095
AH	2+050.096	2.591	181.949	181.943
AI	2+053.096	2.591	181.773	181.768
AJ	2+056.096	2.591	181.574	181.571
☉ Pier 9	2+058.317	2.591	181.417	181.417
AK	2+061.317	2.591	181.205	181.215
AL	2+064.317	2.591	180.992	181.011
AM	2+067.317	2.591	180.780	180.803
AN	2+070.317	2.591	180.568	180.588
AO	2+073.317	2.591	180.356	180.365
☉ Brg. N. Abut.	2+075.310	2.591	180.215	180.215
Bk. N. Abut.	2+075.869	2.591	180.175	180.175

**NOTES:**

1. All elevations and offsets are in meters.

DESIGNED	GPM
CHECKED	RAW
DRAWN	GPM
CHECKED	RAW

**HNTB** CORPORATION  
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<b>TOP OF DECK ELEVATIONS RAMP B</b>	
ADAMS STREET OVER I-90/94 F.A.U. RTE. 1421, SEC. 0101-2-3B-R	
COOK COUNTY STA. 1+350.04 STR. NUM. 016-0589	
Scale: None	Date: 11/13/97

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PLOT SCALE = NTS	CHECKED - WJC	REVISED -
PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING RECORD DRAWINGS**

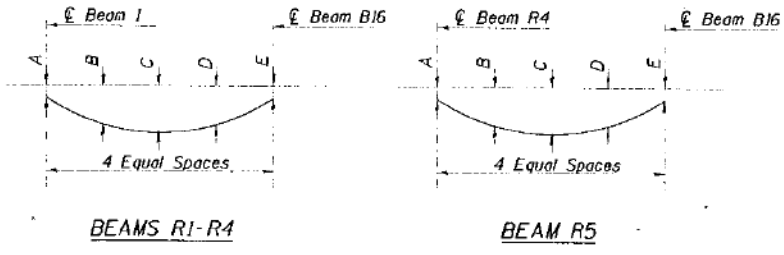
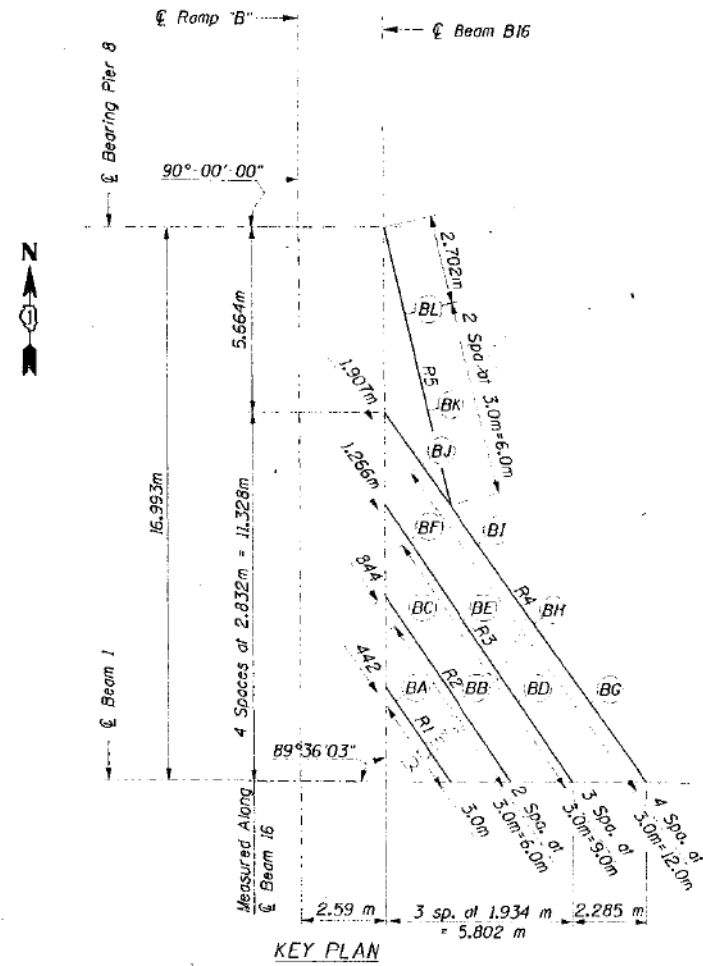
SHEET NO. AB-014 OF AB-145 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	694
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	SHEET	TOTAL SHEETS	SHEET NO.
1421	COOK	148	33	5-14
* 0101-2-3B-R				



**DEAD LOAD DEFLECTION TABLE**

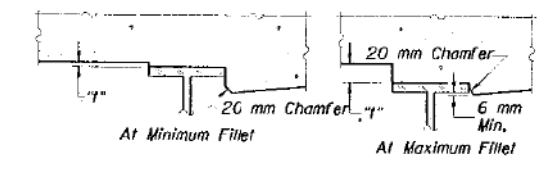
BEAM	A	B	C	D	E
R1	-22	-22	-23	-24	-25
R2	-25	-27	-32	-31	30
R3	-28	-33	-35	-31	29
R4	-28	-47	-60	-47	22
R5	-50	-42	-36	-24	0

Note: Negative (" - ") deflections are downward.

**DEAD LOAD DEFLECTION DIAGRAMS**  
(Includes weight of concrete only)

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown in tables.

Dead Load Deflection Diagrams Include Deflections from Beam 1 which effects the Deflection of each Beam.



To determine "f": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown in the tables. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "f" above top flange of beams.

**FILLET HEIGHTS**

**Beam R1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
€ Beam 1	2+024.075	4.492	182.668	182.693
BA	2+026.561	2.813	182.639	182.661
€ Beam B16	2+026.919	2.591	182.635	182.657

**Beam R3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
€ Beam 1	2+024.051	8.294	182.610	182.638
BD	2+026.542	6.627	182.602	182.635
BE	2+029.037	4.961	182.595	182.630
BF	2+031.531	3.294	182.587	182.618
€ Beam B16	2+032.583	2.591	182.525	182.554

**Beam R5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
€ Beam R4	2+032.603	4.563	182.493	182.493
BK	2+035.525	3.883	182.441	182.458
BL	2+038.447	3.203	182.388	182.422
€ Beam B16	2+041.079	2.591	182.341	182.391

**Beam R2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
€ Beam 1	2+024.087	6.393	182.641	182.669
BB	2+026.555	4.726	182.614	182.644
BC	2+029.050	3.060	182.587	182.617
€ Beam B16	2+029.751	2.591	182.580	182.609

**Beam R4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
€ Beam 1	2+024.036	10.579	182.565	182.593
BG	2+026.487	8.856	182.544	182.593
BH	2+028.942	7.133	182.524	182.585
BI	2+031.399	5.409	182.503	182.562
BJ	2+033.855	3.686	182.483	182.528
€ Beam B16	2+035.415	2.591	182.470	182.492

**TOP OF DECK ELEVATIONS  
LOCATION GRID AND DETAILS  
RADIUS IMPROVEMENT RAMP "B"**

ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-3B-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589

Scale: None Date: 11/13/97

DESIGNED	GPM
CHECKED	RAW
DRAWN	GPM
CHECKED	RAW

**HNTB** HNTB CORPORATION  
11/13/97 10:51 Jkim

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USER NAME = vjjanachone	DESIGNED - JTF	REVISED -
	CHECKED - WJC	REVISED -
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PLOT DATE = 3/6/2020	CHECKED - WJC	REVISED -

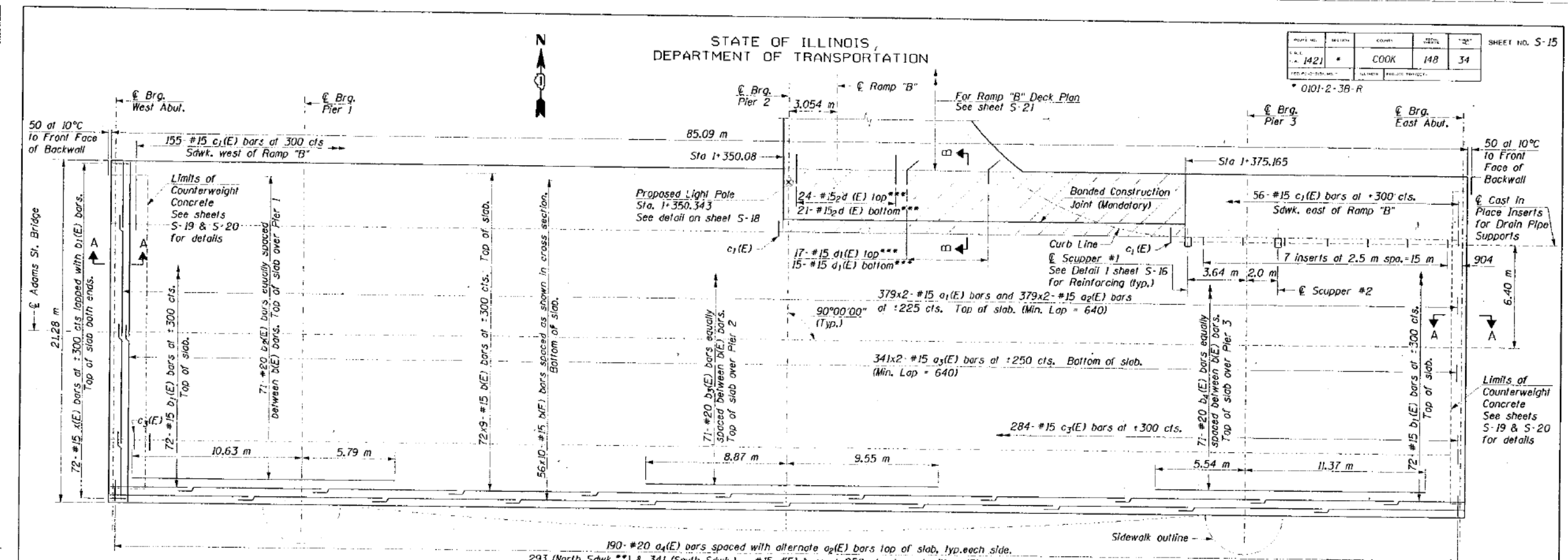
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

SHEET NO. AB-015 OF AB-145 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	695
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

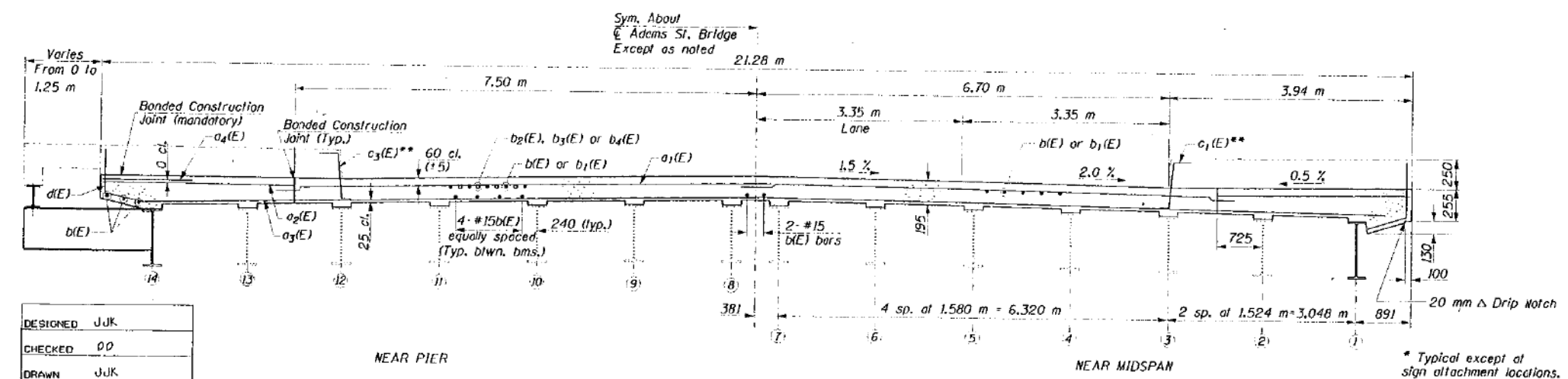


PROJECT NO.	SECTION	COUNTY	SHEET NO.
1421		COOK	148
SHEET NO. S-15			

For Top of Deck Elevations in the Shaded Area, See Section B-B on sheet S-16 and Top of Deck Elevation Tables on sheet S-9.

\*\* Omit these bars at Ramp "B" Roadway  
 \*\*\* Place d1(E), d2(E) bars to match Ramp "B" bars, as shown in sheet S-21

PLAN



- DECK GENERAL NOTES:**
- All dimensions are in millimeters (mm) unless otherwise noted.
  - Reinforcement bars designated (E) shall be epoxy coated.
  - Bars indicated thus: 1x2-#15 etc. indicates 1 line of bars with 2 lengths per line.
  - Typical splice length for #15 bars to be 510 mm min. unless noted otherwise.
  - All exposed edges shall have 20 mm chamfers unless noted otherwise.
  - Work this sheet with electrical and architectural drawings for additional embedded items (conduits, etc.).
- NOTES:**
- For Bill of Material see sheet S-19.
  - For sidewalk reinforcement see sheet S-17.
  - For details of attaching fascia panel & railing, see sheet A-403 & A-404.
  - For expansion joint details see sheet S-34.
  - See sheets S-19 and S-20 for counterweight concrete plan & details.

DESIGNED	JJK
CHECKED	DD
DRAWN	JJK
CHECKED	DD

HNTB CORPORATION  
 07-JAN-1998 10:52 JJK

**ADAMS STREET BRIDGE  
 DECK PLAN & CROSS SECTION**

ADAMS STREET OVER I-90/94  
 F.A.U. RTE. 1421, SEC. 0101-2-3B-R  
 COOK COUNTY  
 STA. 1+350.04  
 STR. NUM. 016-0589

Scale: None Date: 11/13/97

\*\* Contractor shall have the option to use 20 mm  $\phi$  x 150 Epoxy Coated Flared Coil Loop Threaded Inserts for the #15 c1(E) bars and c3(E) bars. Cost included with "Reinforcing Bars, Epoxy Coated" (typ.).

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USER NAME = vjjanachone	DESIGNED - JTF	REVISED -
	CHECKED - WJC	REVISED -
PLOT SCALE = NTS	DRAWN - JTF	REVISED -
PLOT DATE = 3/6/2020	CHECKED - WJC	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

SHEET NO. AB-016 OF AB-145 SHEETS

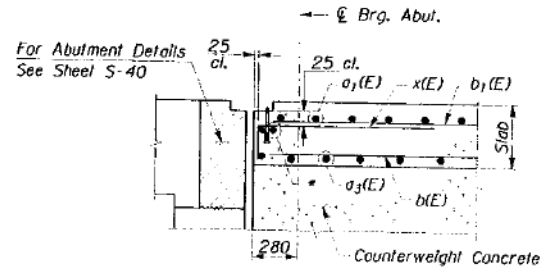
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	696
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				



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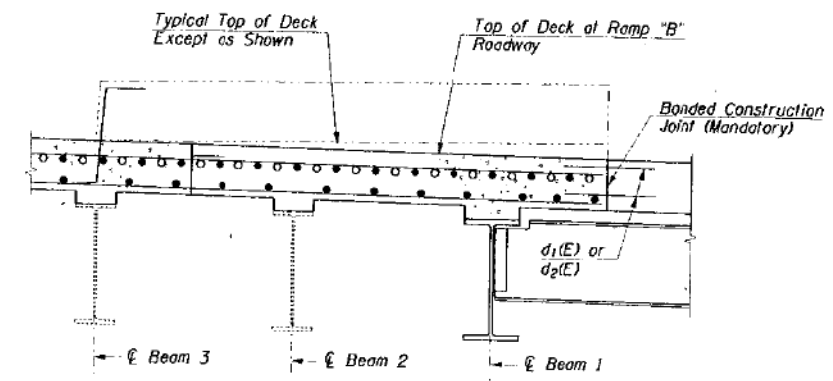
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	DATE	BY	CHKD	DATE
1421	*	COOK	148	35	
SHEET NO. S-16					
* 0101-2-3B-R					

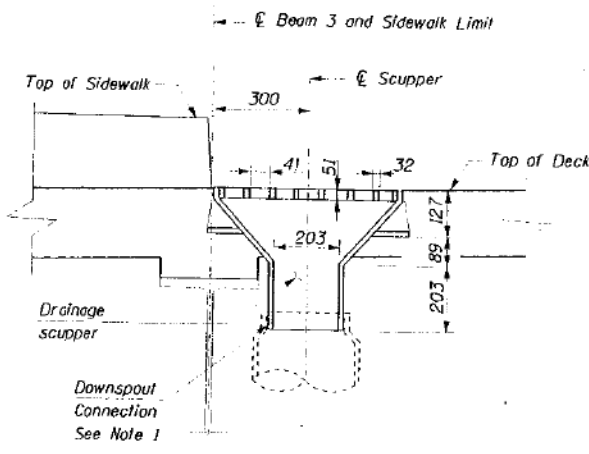


SECTION A-A

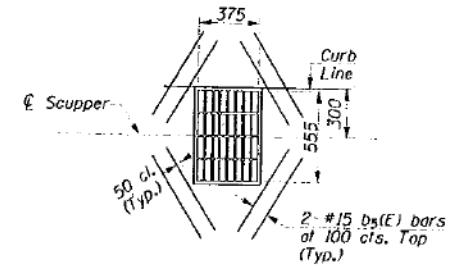
\* Place  $a_1(E)$  bars in back of anchor bolt as shown if required to maintain 25 mm cl. (+0 -3 mm). Anchor bolts should be tied to  $a_1(E)$  bars.



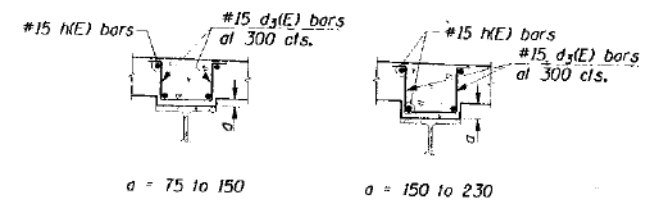
SECTION B-B



SECTION AT SCUPPER



DETAIL 1



FILLET REINFORCEMENT

Additional reinforcement is required for fillet heights in excess of 75 mm as shown above. The  $d_3(E)$  bars are detailed in the bar list; however, the placement of the bars is not shown in the plans. The contractor shall place the bars between rows of stud shear connectors in accordance with the details above.

NOTES:

- The downspout connection may be exteriorly threaded, a bolted unflange, or other methods approved by the Engineer.

DESIGNED	JJK
CHECKED	DD
DRAWN	JJK
CHECKED	DD

**HNTB** HNTB CORPORATION  
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07-JAN-1998 10:52 JJK

ADAMS STREET BRIDGE DECK DETAILS	
ADAMS STREET OVER I-90/94 F.A.U. RTE. 1421, SEC. 0101-2-3B-R COOK COUNTY STA. 1+350.04 STR. NUM. 016-0589	
Scale: None	Date: 11/13/97

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USER NAME = v1janachone	DESIGNED - JTF	REVISED -
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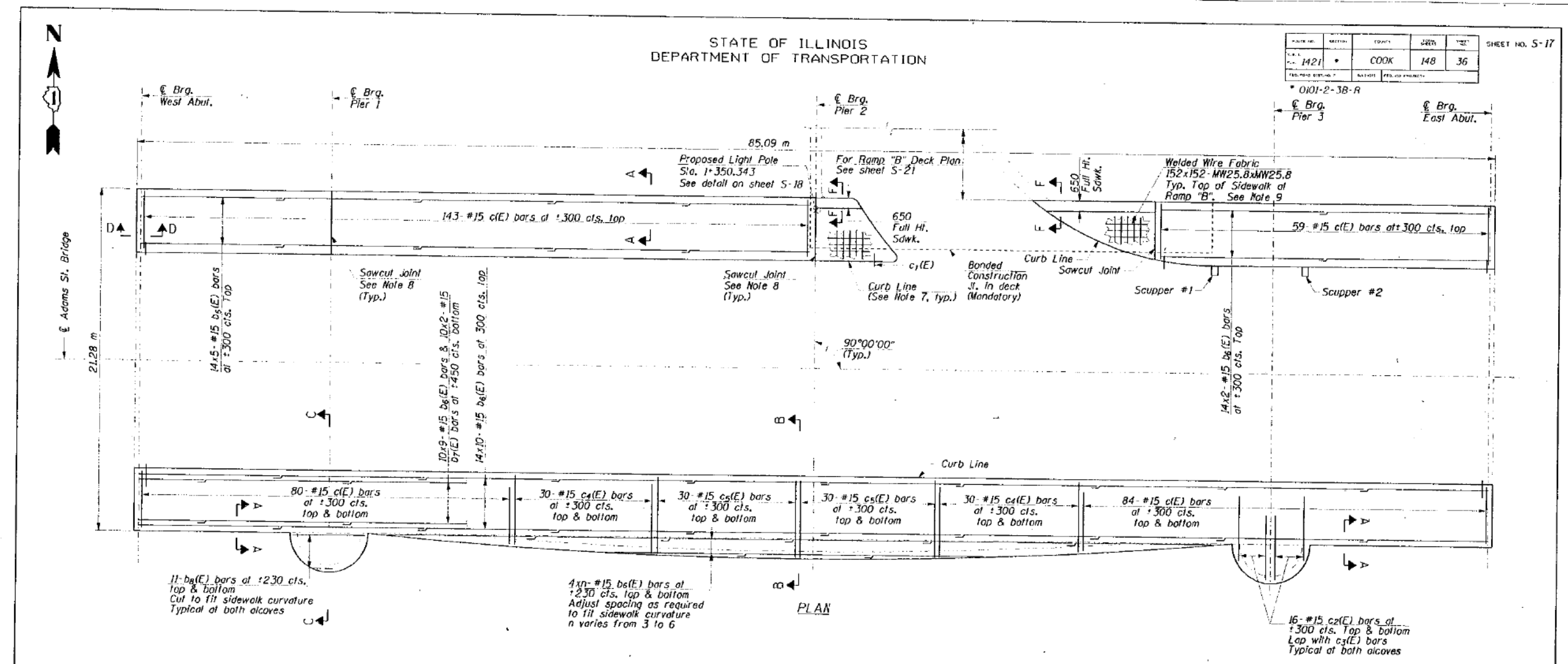
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

SHEET NO. AB-017 OF AB-145 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	697
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	SHEET	TOTAL SHEETS
1421		COOK	148	36

\* 0101-2-3B-R

DESIGNED	JJK
CHECKED	DD
DRAWN	JJK
CHECKED	

**HNTB** HNTB CORPORATION  
07-JAN-1998 10:53 JJK

NOTES:

1. Work this sheet with sheet S-18.
2. See "DECK GENERAL NOTES" on sheet S-15.
3. For Bill of Material see sheet S-19.
4. For deck reinforcement see sheet S-15.
5. For details of attaching fascia panel & railing, see sheet A-403 & A-404.
6. For expansion joint details see sheet S-34.
7. For Curb Line Geometry and Details, see sheet S-1 and architectural sheets A-201, & A-406.
8. 20 mm Deep Sawcut Joint in Sidewalk at Locations shown in sheet A-101 & A-407.
9. Minimum splice length for WWF shall be 300 mm.

ADAMS STREET BRIDGE  
SIDEWALK PLAN & DETAILS

ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-3B-R  
COOK COUNTY  
STA. 1+350.04  
STR. NUM. 016-0589

Scale: None Date: 11/13/97

11/18/93 AM D:\60X94-SHT-AS-BUILT-018.dgn



USER NAME = v1janachone	DESIGNED - JTF	REVISED -
	CHECKED - WJC	REVISED -
PLOT SCALE = NTS	DRAWN - JTF	REVISED -
PLOT DATE = 3/6/2020	CHECKED - WJC	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

SHEET NO. AB-018 OF AB-145 SHEETS

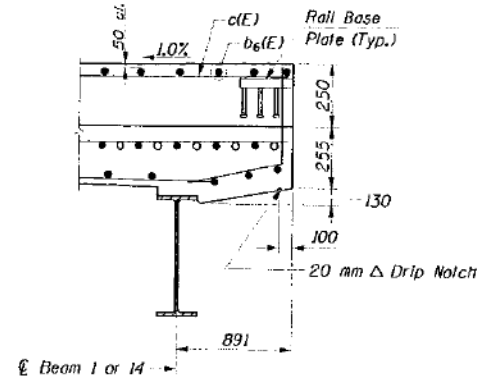
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	698
CONTRACT NO.			60X94	

ILLINOIS FED. AID PROJECT

FOR INFORMATION ONLY

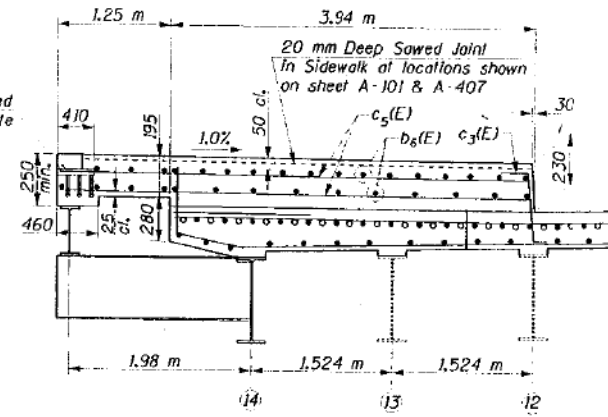
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	LENGTH	SHEET	SHEET NO.
1421	COOK	148	37	S-18
* 0101-2-3B-R				



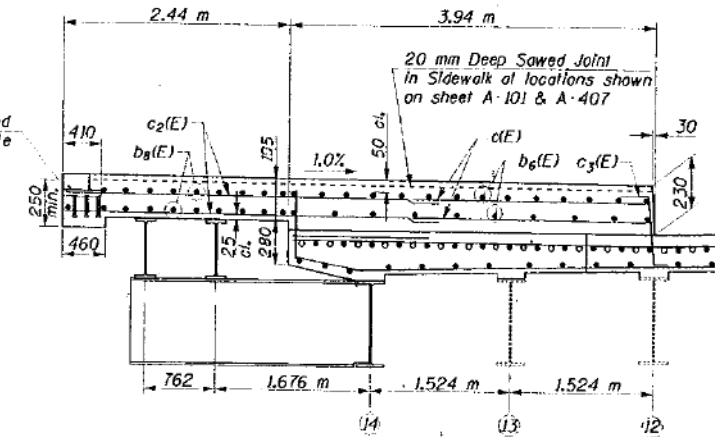
SECTION A-A

Trim  $b_6(E)$  bar as required to clear rail post baseplate.

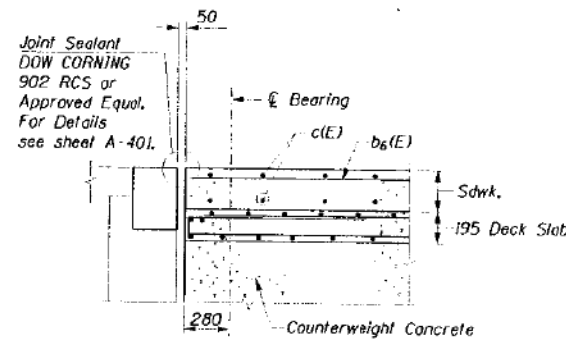


SECTION B-B

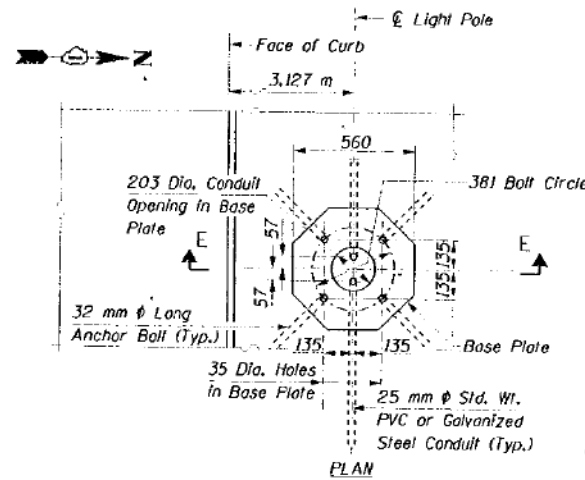
Trim  $b_6(E)$  bar as required to clear rail post baseplate.



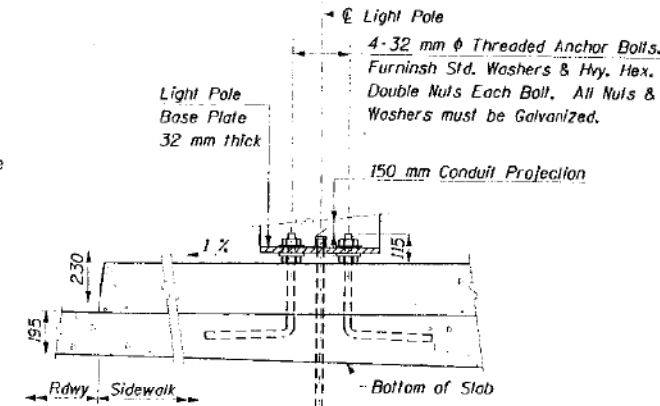
SECTION C-C



SECTION D-D



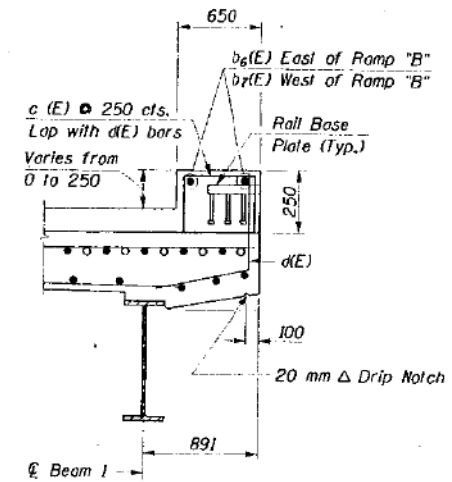
PLAN



SECTION E-E

LIGHT POLE BASE DETAIL

Cost for Light Pole Foundation Included with Street Light Pole 10.5 m, 3.5 m Mast Arm. Use City of Chicago Standard for "Double-Nut" installation of poles and pedestals.



SECTION F-F

NOTES:

1. Work this sheet with sheet S-17.
2. See "DECK GENERAL NOTES" on sheet S-15.

DESIGNED	JJK
CHECKED	DD
DRAWN	JJK
CHECKED	DD

**HNTB** HNTB CORPORATION  
26536\cadd\bl\cadd\adidp16.dgn  
07-JAN-1998 10:53 JJK

ADAMS STREET BRIDGE SIDEWALK SECTIONS & DETAILS			
ADAMS STREET OVER I-90/94 F.A.U. RTE. 1421. SEC. 0101-2-3B-R			
COOK COUNTY STA. 1+350.04 STR. NUM. 016-0589			
Scale:	None	Date:	11/13/97

11/18/95 AM  
D160X94-SHT-AS-BUILT-019.dgn



USER NAME = v1janachone	DESIGNED - JTF	REVISED -
PLOT SCALE = NTS	CHECKED - WJC	REVISED -
PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
	CHECKED - WJC	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

SHEET NO. AB-019 OF AB-145 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	699
			CONTRACT NO.	60X94
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
1421		COOK	148	38

SHEET NO. S-19

\* 0101-2-3B-R

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
s <sub>1</sub> (E)	758	#15	8,460 m	
s <sub>2</sub> (E)	758	#15	3,100 m	
s <sub>3</sub> (E)	682	#15	10,700 m	
s <sub>4</sub> (E)	380	#20	1,200 m	
b <sub>1</sub> (E)	1208	#15	9,070 m	
b <sub>2</sub> (E)	144	#15	4,880 m	
b <sub>3</sub> (E)	71	#20	16,420 m	
b <sub>4</sub> (E)	71	#20	18,420 m	
b <sub>5</sub> (E)	16	#15	600	
b <sub>6</sub> (E)	365	#15	9,070 m	
b <sub>7</sub> (E)	22	#15	4,540 m	
b <sub>8</sub> (E)	44	#15	4,770 m	
c <sub>1</sub> (E)	530	#15	3,840 m	
c <sub>2</sub> (E)	211	#15	730	
c <sub>3</sub> (E)	64	#15	3,080 m	
c <sub>4</sub> (E)	284	#15	1,230 m	
c <sub>5</sub> (E)	120	#15	4,540 m	
c <sub>6</sub> (E)	120	#15	4,950 m	
c <sub>7</sub> (E)	45	#15	950	
d <sub>1</sub> (E)	637	#15	1,060 m	
d <sub>2</sub> (E)	32	#15	1,280 m	
d <sub>3</sub> (E)	45	#15	1,280 m	
d <sub>4</sub> (E)	2200	#15	700	
d <sub>5</sub> (E)	150	#15	780	
m <sub>1</sub> (E)	155	#20	750	
m <sub>2</sub> (E)	189	#20	1,500 m	
m <sub>3</sub> (E)	16	#20	1,520 m	
m <sub>4</sub> (E)	18	#15	6,810 m	
s <sub>1</sub> (E)	52	#15	2,750 m	
s <sub>2</sub> (E)	10	#15	2,330 m	
s <sub>3</sub> (E)	114	#15	3,250 m	
s <sub>4</sub> (E)	10	#15	2,830 m	
s <sub>5</sub> (E)	124	#15	1,435 m	
v <sub>1</sub> (E)	340	#15	10,000 m	
x <sub>1</sub> (E)	144	#15	1,800 m	

ITEM	UNIT	QUANTITY
Reinforcement Bars Epoxy Coated	kg	79300
Concrete Superstructure	m <sup>3</sup>	612.1
Stud Shear Connectors	each	56

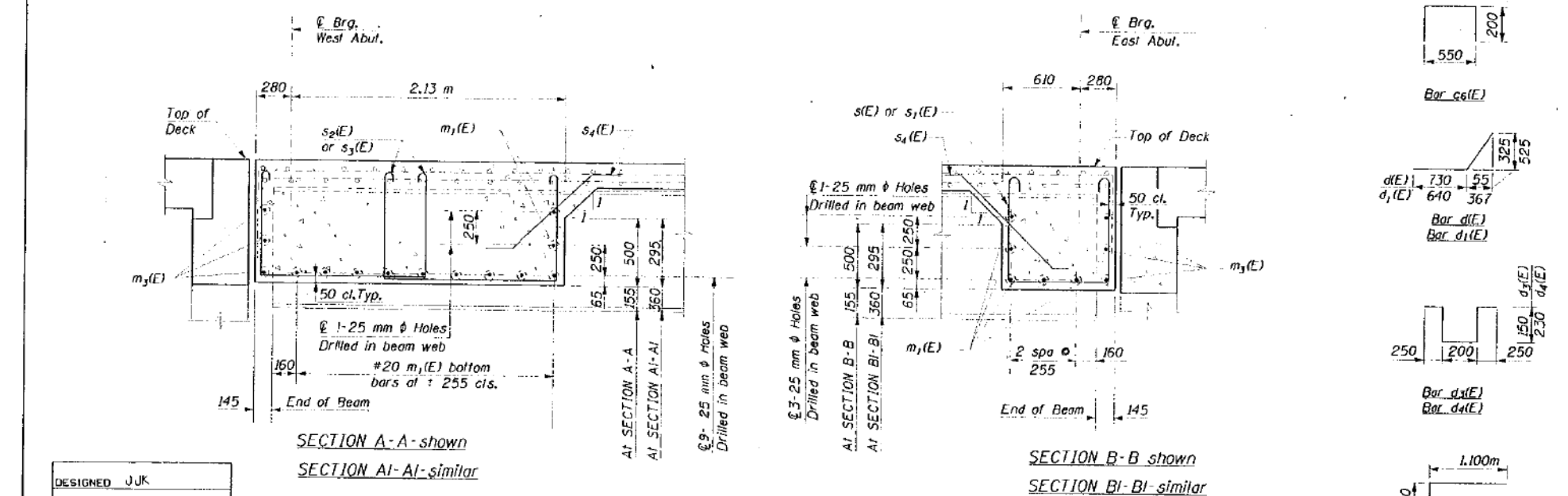
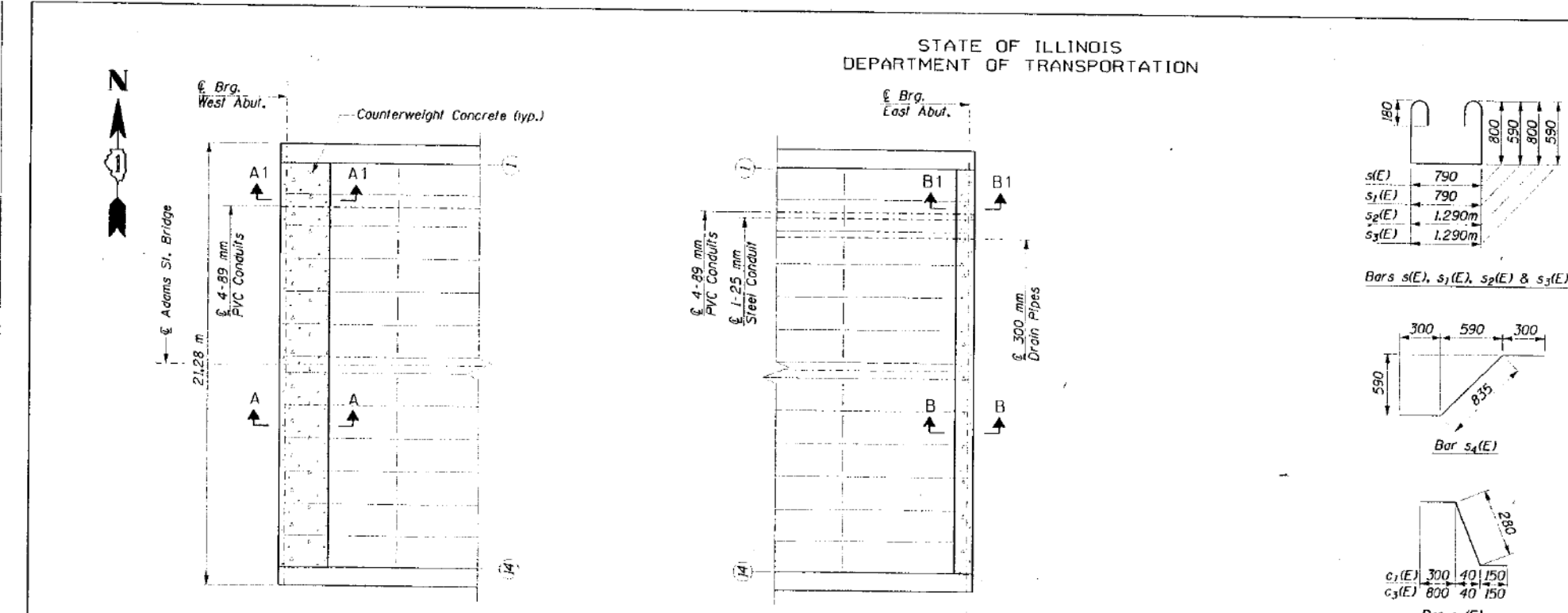
- NOTES:
- See "DECK GENERAL NOTES" on Sheet S-15.
  - Work this sheet with sheet S-20.

ADAMS STREET BRIDGE  
COUNTERWEIGHT CONCRETE  
PLAN & DETAILS

ADAMS STREET OVER I-90/94  
F.A.U. RTE. 1421, SEC. 0101-2-3B-R

COOK COUNTY  
STA. 1-350.04  
STR. NUM. 016-0589

Scale: None Date: 11/13/97



DESIGNED	JJK
CHECKED	DD
DRAWN	JJK
CHECKED	DD

HNTB CORPORATION  
26506 Leadville Vtds\adldp1b.dgn  
07-JAN-1998 11:06 JJK

11/18/95 AM  
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USER NAME = v1janachone	DESIGNED - JTF	REVISED -
PLOT SCALE = NTS	CHECKED - WJC	REVISED -
PLOT DATE = 3/6/2020	DRAWN - JTF	REVISED -
	CHECKED - WJC	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING RECORD DRAWINGS

SHEET NO. AB-020 OF AB-145 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2014-015R&B-R	COOK	825	700
CONTRACT NO.			60X94	
ILLINOIS FED. AID PROJECT				