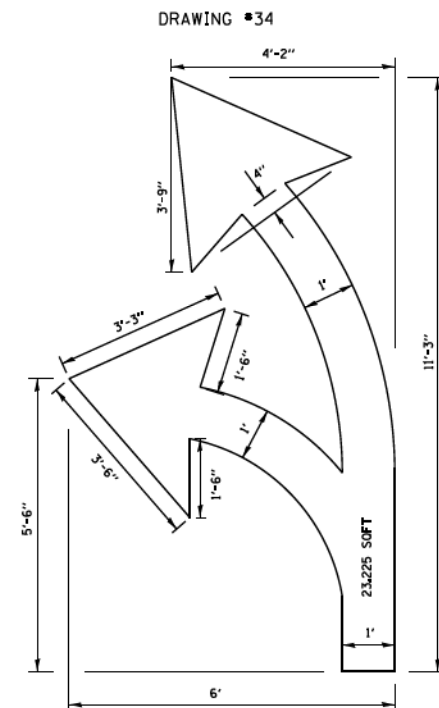
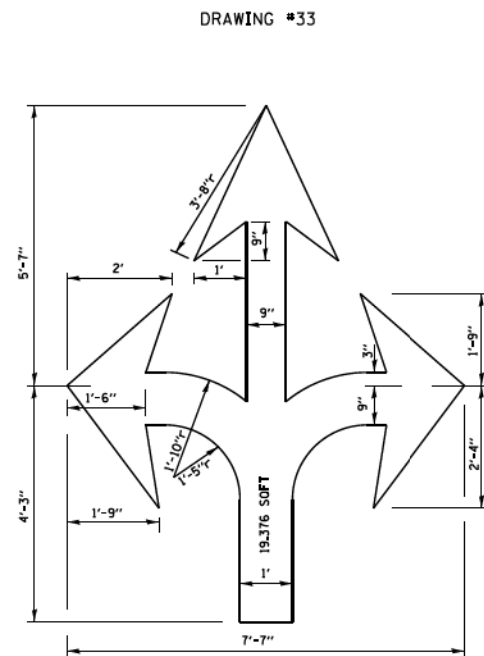
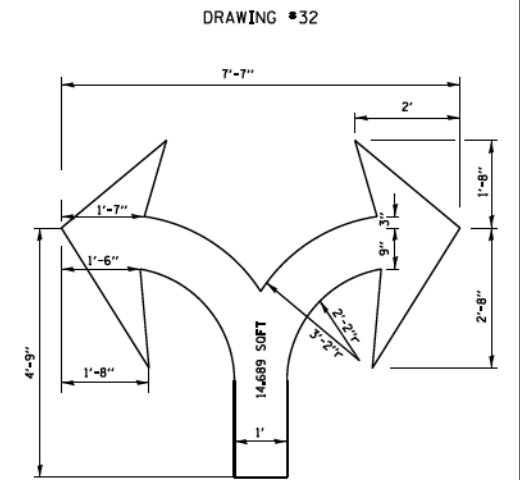
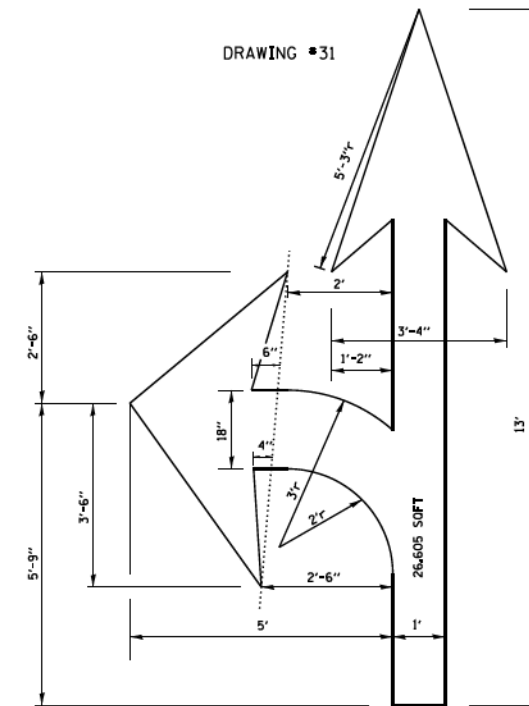
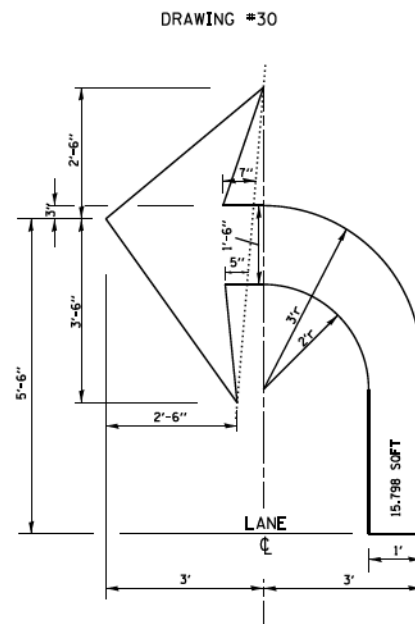
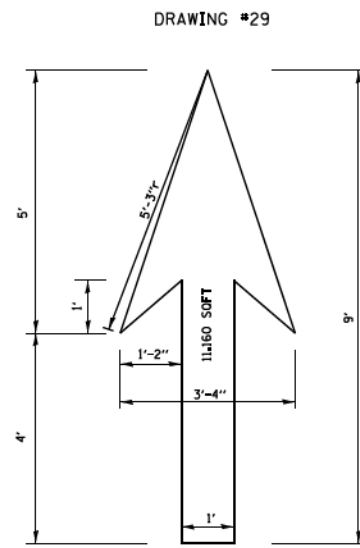


NOTE:

- 1.) FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
- 2.) THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS
DRAWING #28



NOTE: ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

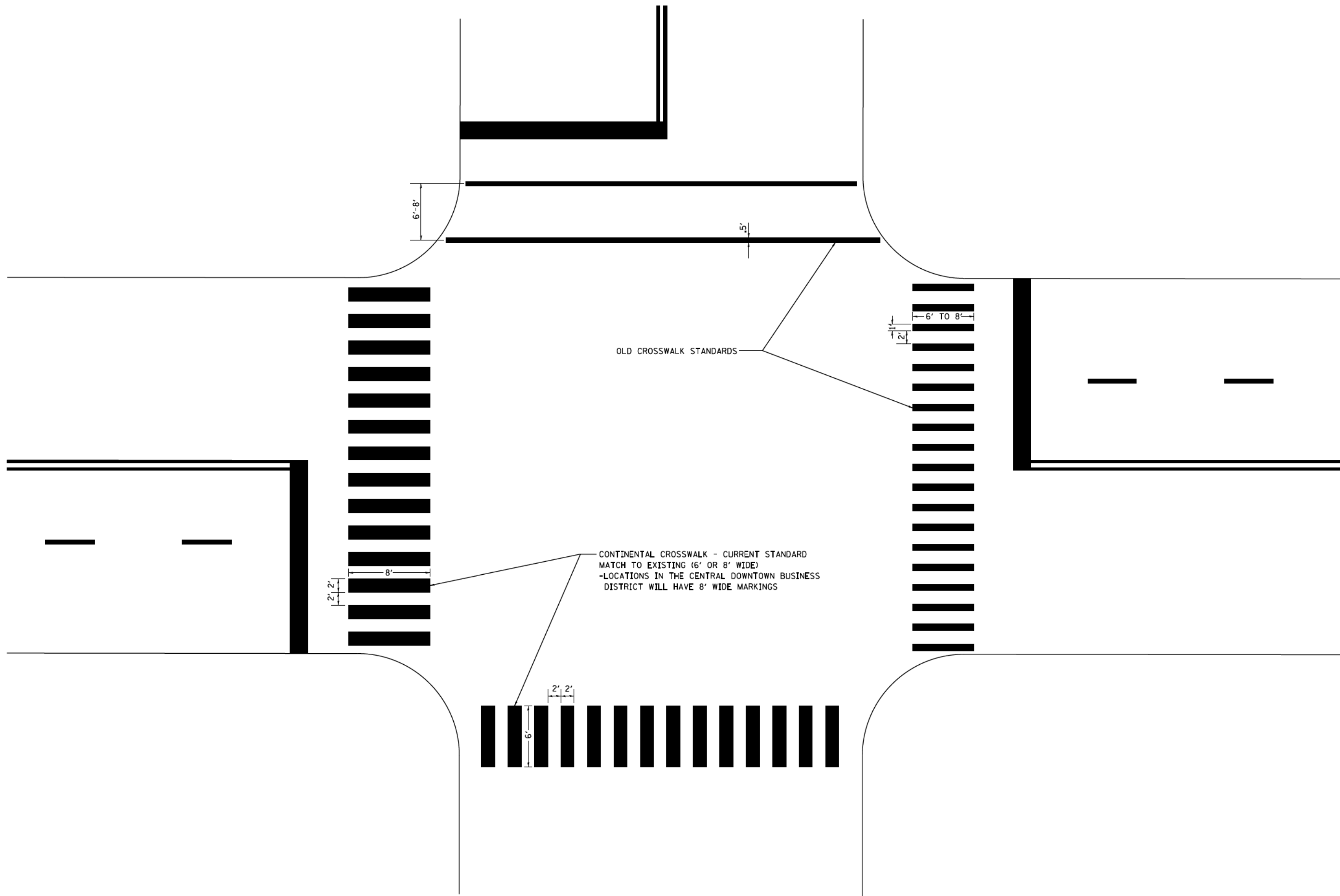
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ca:\pwork\p\dot\drivakosgn\d0188315\td24.dgn		DRAWN -	REVISED - K. ENG 02-28-12
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 44 OF 45 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			888	601
TC-24		CONTRACT NO. 60X79		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

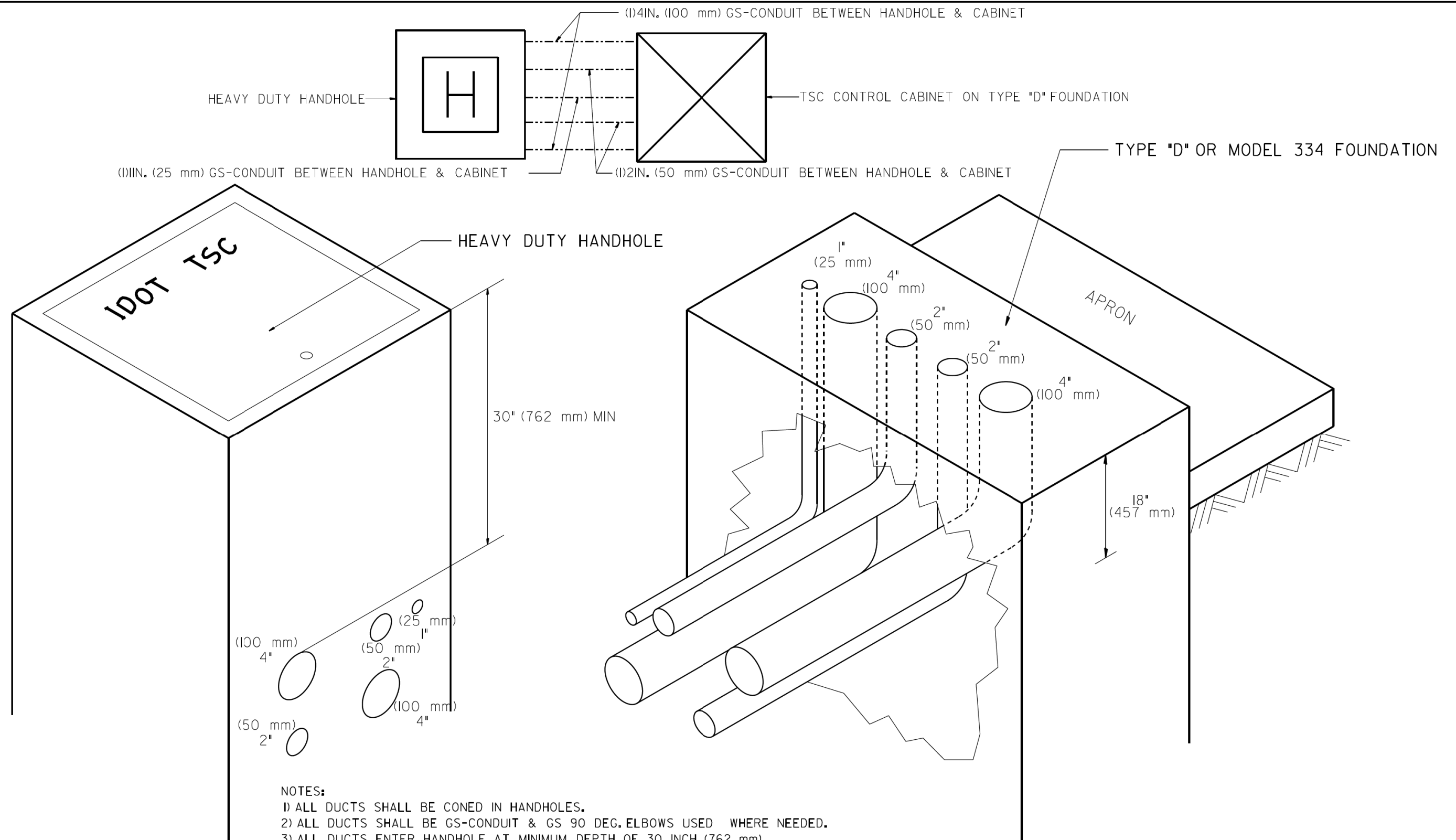


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	PLOT SCALE = 50.000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/29/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

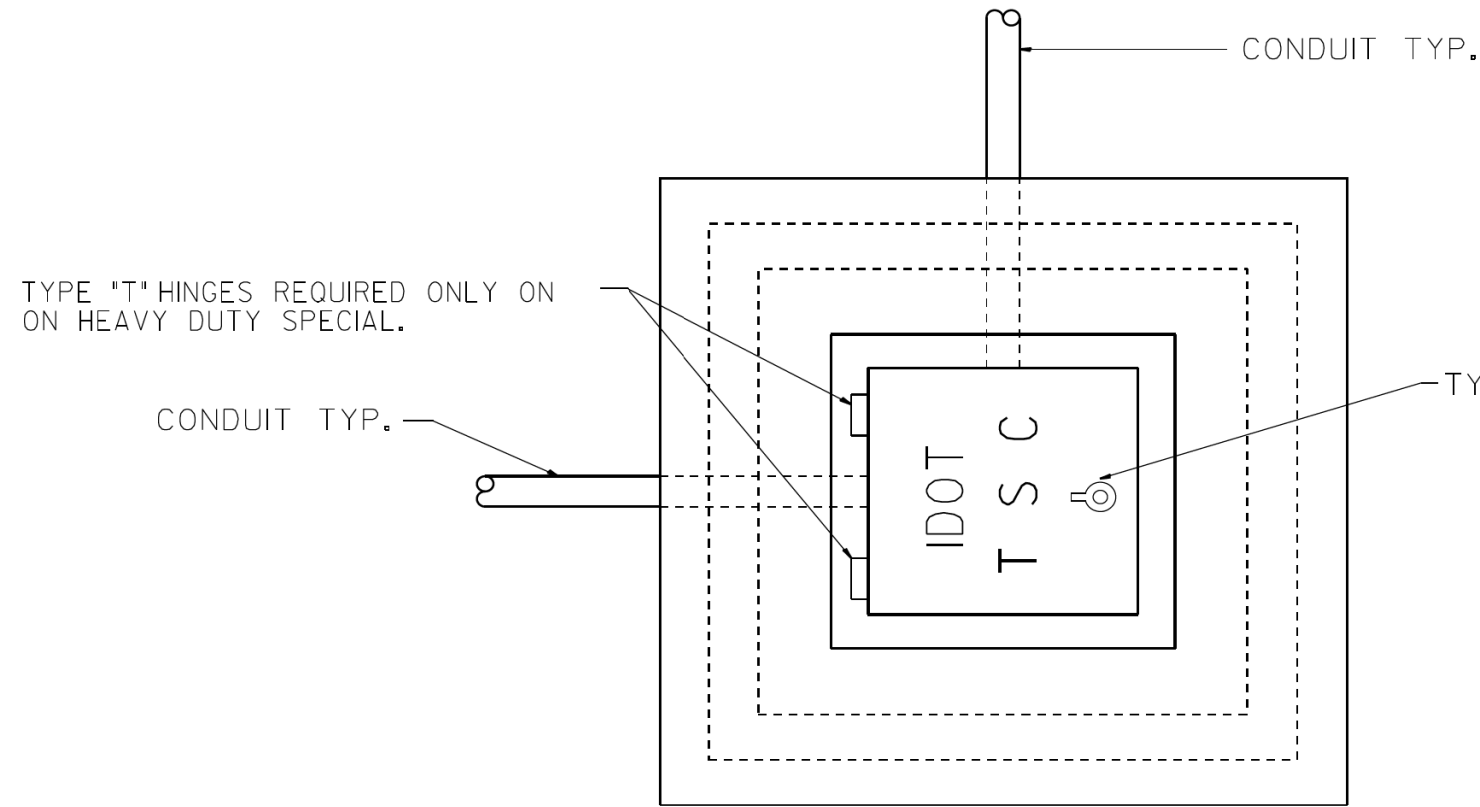
CITY OF CHICAGO			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 45 OF 45 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			888	602
TC-24		CONTRACT NO. 60X79		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- NOTES:
- 1) ALL DUCTS SHALL BE CONED IN HANDHOLES.
 - 2) ALL DUCTS SHALL BE GS-CONDUIT & GS 90 DEG. ELBOWS USED WHERE NEEDED.
 - 3) ALL DUCTS ENTER HANDHOLE AT MINIMUM DEPTH OF 30 INCH (762 mm)
 - 4) ALL HANDHOLE COVERS SHALL READ "IDOT TSC".
 - 5) ALL CABINET HANDHOLES SHALL BE HEAVY DUTY.
 - 6) DUCTS SHALL BE CENTERED IN CABINET FOUNDATION/HANDHOLE AS SHOWN.
 - 7) CONDUITS SHALL BE SPACED 305 mm (1 FOOT) CENTER TO CENTER IN HEAVY DUTY HANDHOLE.
 - 8) INSTALL 3/4" X 10' (20 mm X 3 m) COPPER CLAD STEEL GROUND ROD IN HDHH PROVIDED AS CABINET PAD. EXOTHERMIC WELD CONNECTION FROM GROUND ROD TO #6 GROUND WIRE INSULATED (GREEN).
 - 9) BOND ALL GSC CONDUITS IN CABINET FOUNDATION.
 - 10) INSTALL #6 GROUND WIRE IN 1/2 IN. (25 mm) GSC FROM HANDHOLE TO CABINET.
 - 11) TYPE "D" FOUNDATION SHALL BE 18" FROM TOP OF FOUNDATION TO FINISHED GRADE.

FILE NAME =	USER NAME = #USER#	DESIGNED - R.L.	REVISED - 09/96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	CABINET - HANDHOLE CONDUIT DETAIL	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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#MODELNAME#		CHECKED - R.L.	REVISED - 04/99			SCALE: NONE	SHEET OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.
		DATE - 06/05/95	REVISED - 07/2010								



PLAN

HEAVY DUTY HANDHOLE MINIMUM DIMENSIONS (UNHINGED)

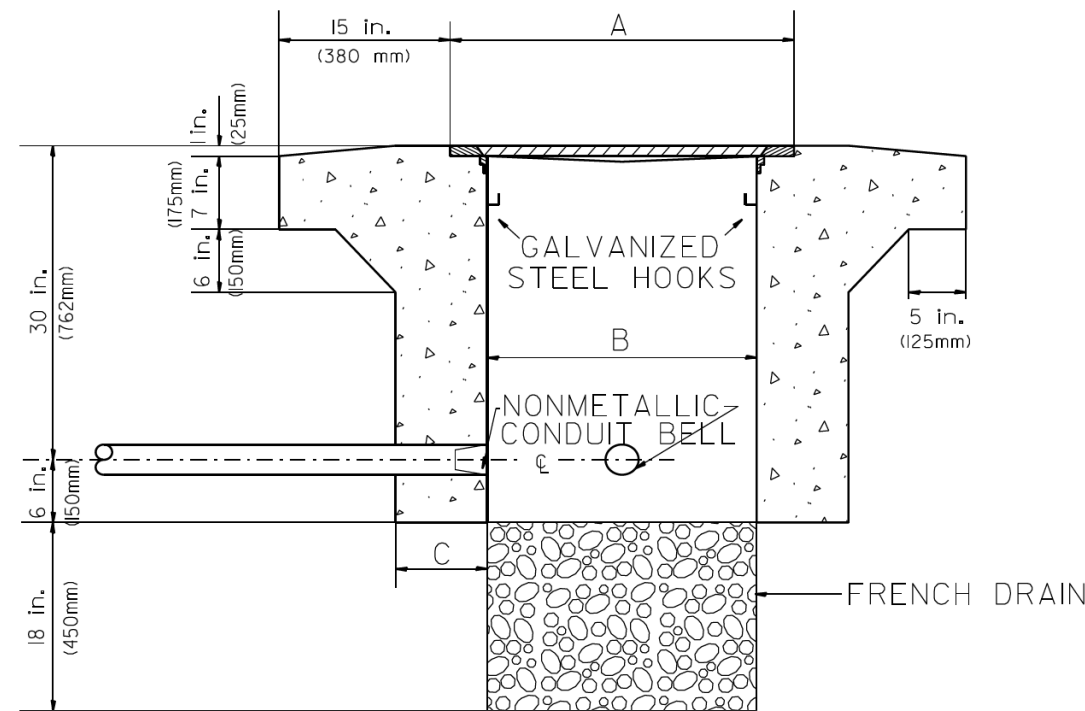
A	28" (711 mm)
B	22" (559 mm)
C	8" (200 mm)

(FRAME AND COVER 260 LBS. (118 Kg.) MIN.)

HEAVY DUTY HANDHOLE SPECIAL MINIMUM DIMENSIONS

A	31.5" (800 mm)
B	30.0" (762 mm)
C	10.0" (250 mm)

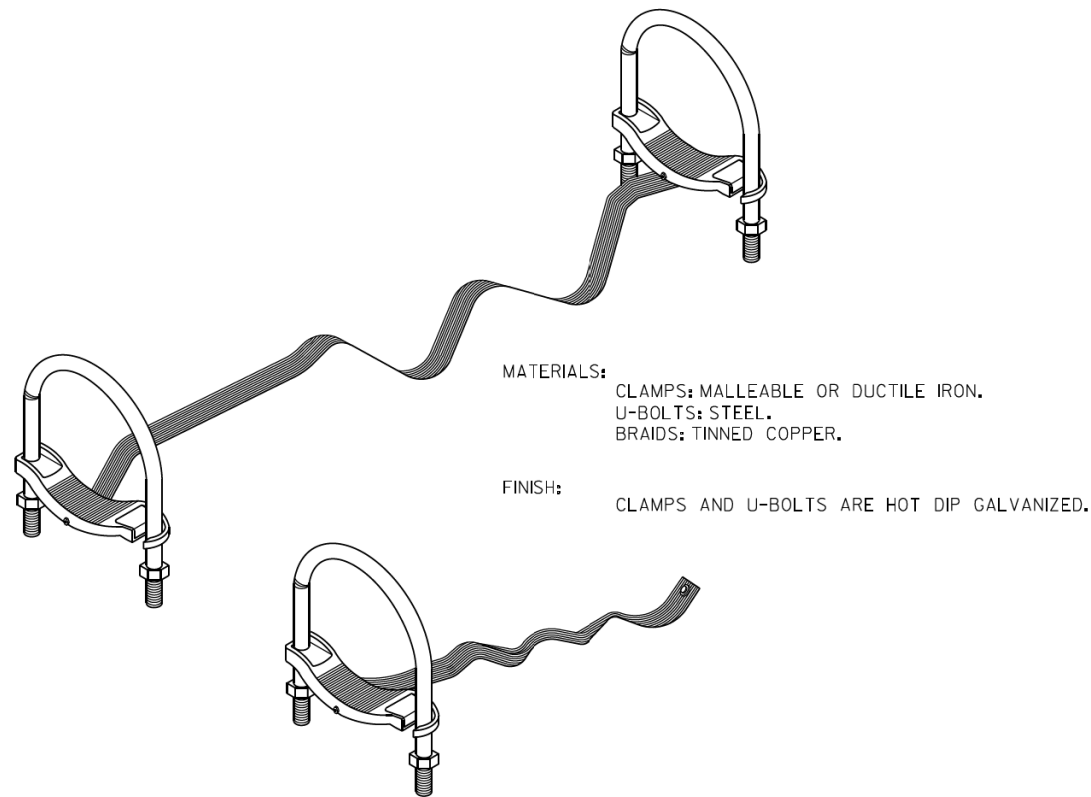
(FRAME AND COVER 405 LBS. (184 Kg. (405))



ELEVATION

PC CONCRETE - HEAVY DUTY HAND HOLE

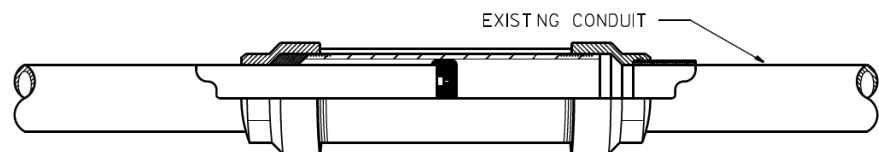
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#MODELNAME#		CHECKED - R.L.	REVISED -								CONTRACT NO.	
		DATE - 09/11/96	REVISED -								FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



MATERIALS:
 CLAMPS: MALLEABLE OR DUCTILE IRON.
 U-BOLTS: STEEL.
 BRAIDS: TINNED COPPER.

FINISH:
 CLAMPS AND U-BOLTS ARE HOT DIP GALVANIZED.

GROUNDING & BONDING JUMPERS
 FOR RIGID STEEL, IMC & EMT



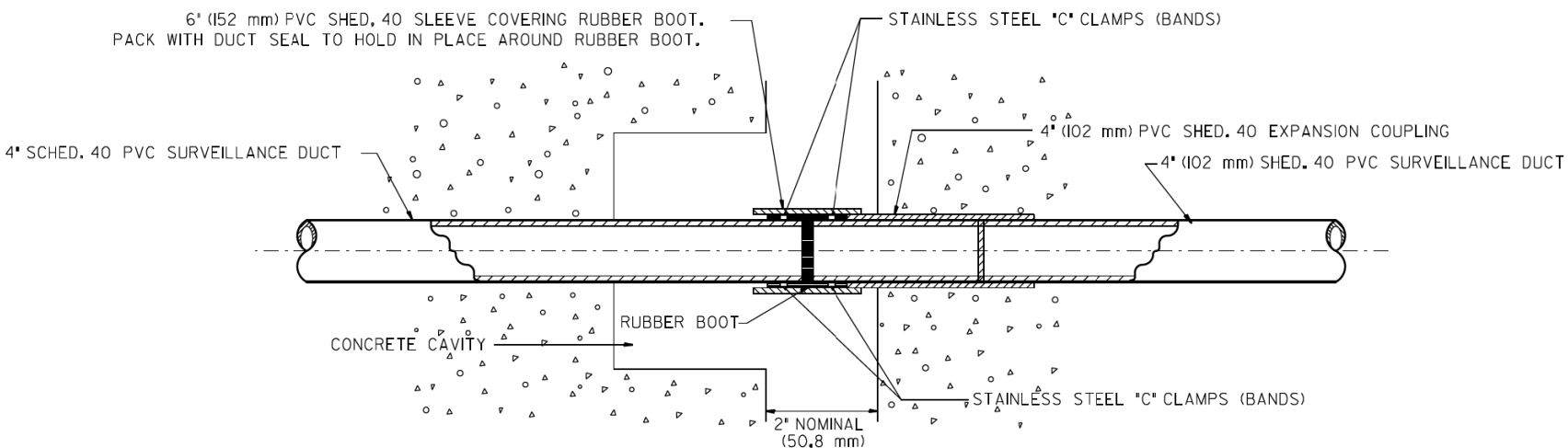
CROSS SECTION



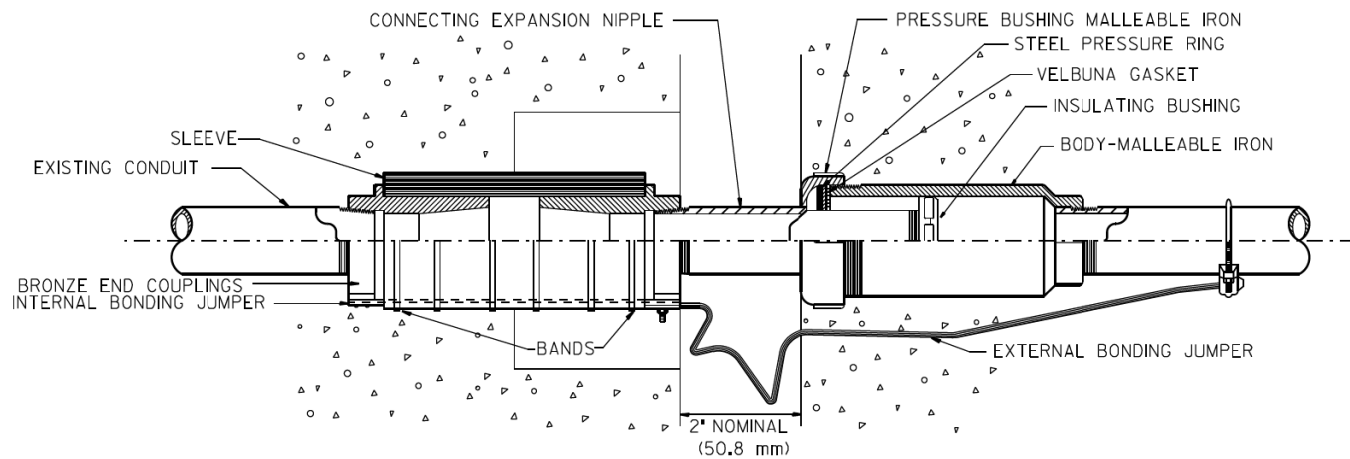
BONDING
 EXPANSION FITTINGS

MATERIALS:
 HEAD: MALLEABLE OR DUCTILE IRON.
 SLEEVE: STEEL.
 INSULATING BUSHING: PHENOLIC.

FINISH:
 HOT DIP GALVANIZED.



EXPANSION/DEFLECTION FITTING



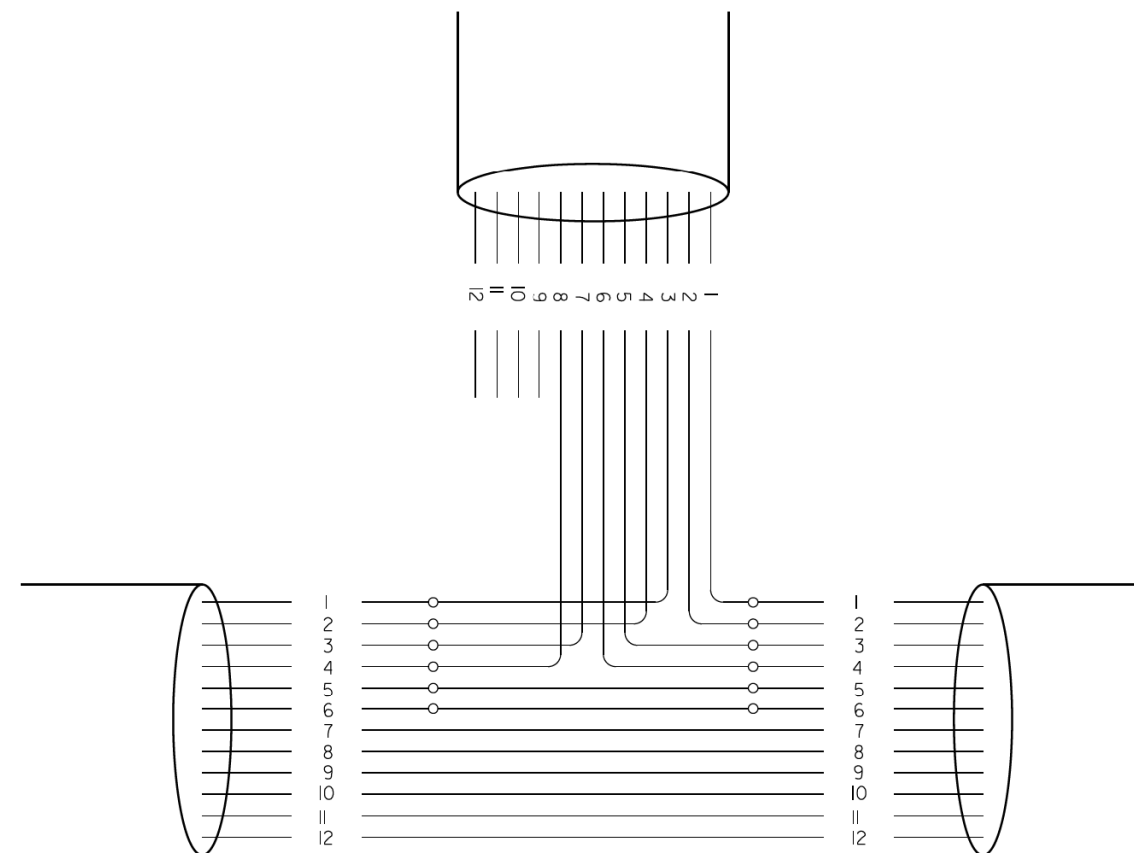
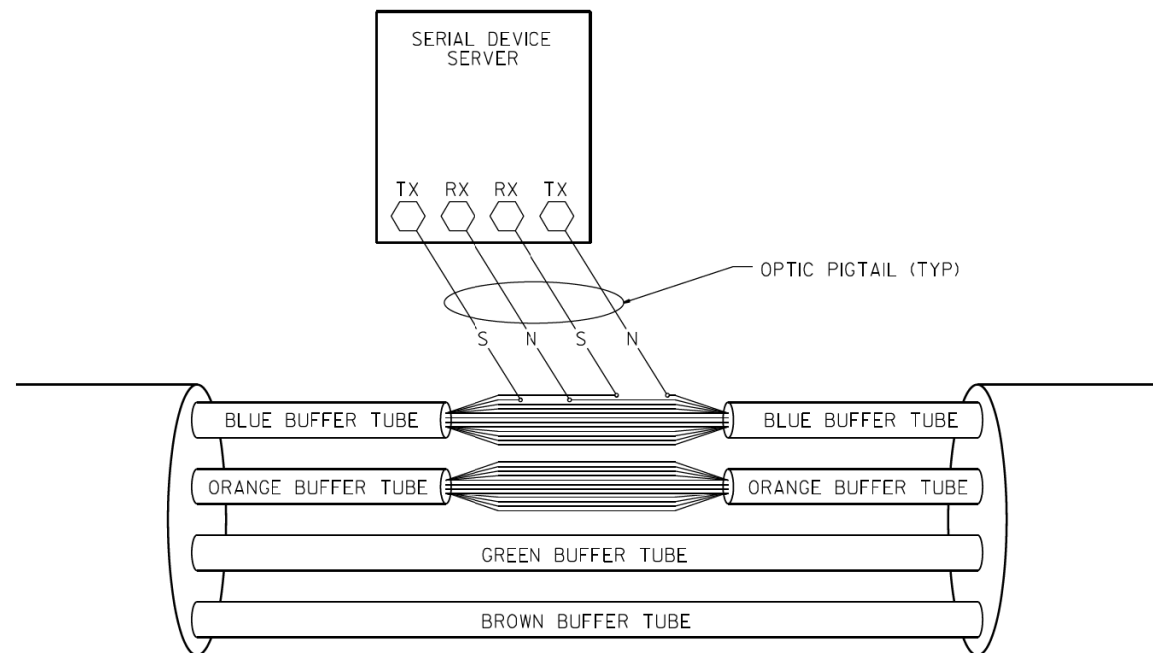
COMBINATION DEFLECTION/EXPANSION FITTINGS
 FOR RIGID METAL CONDUIT & IMC

FITTING CAN BE USED EXPOSED OR EMBEDDED IN CONCRETE.

MATERIALS:
 SLEEVE: NEOPRENE.
 END COUPLINGS: BRONZE.
 BONDING JUMPER: TINNED COPPER BRAIDS.
 BANDS: STAINLESS STEEL.

FINISH:
 ALL MALLEABLE, DUCTILE IRON OR STEEL PARTS
 ARE HOT DIP GALVANIZED.

FILE NAME =	USER NAME = #USER#	DESIGNED - R.L.	REVISED - 03/99	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	EXPANSION FITTING DETAIL SHEET			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE - 01/22/98	REVISED -									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

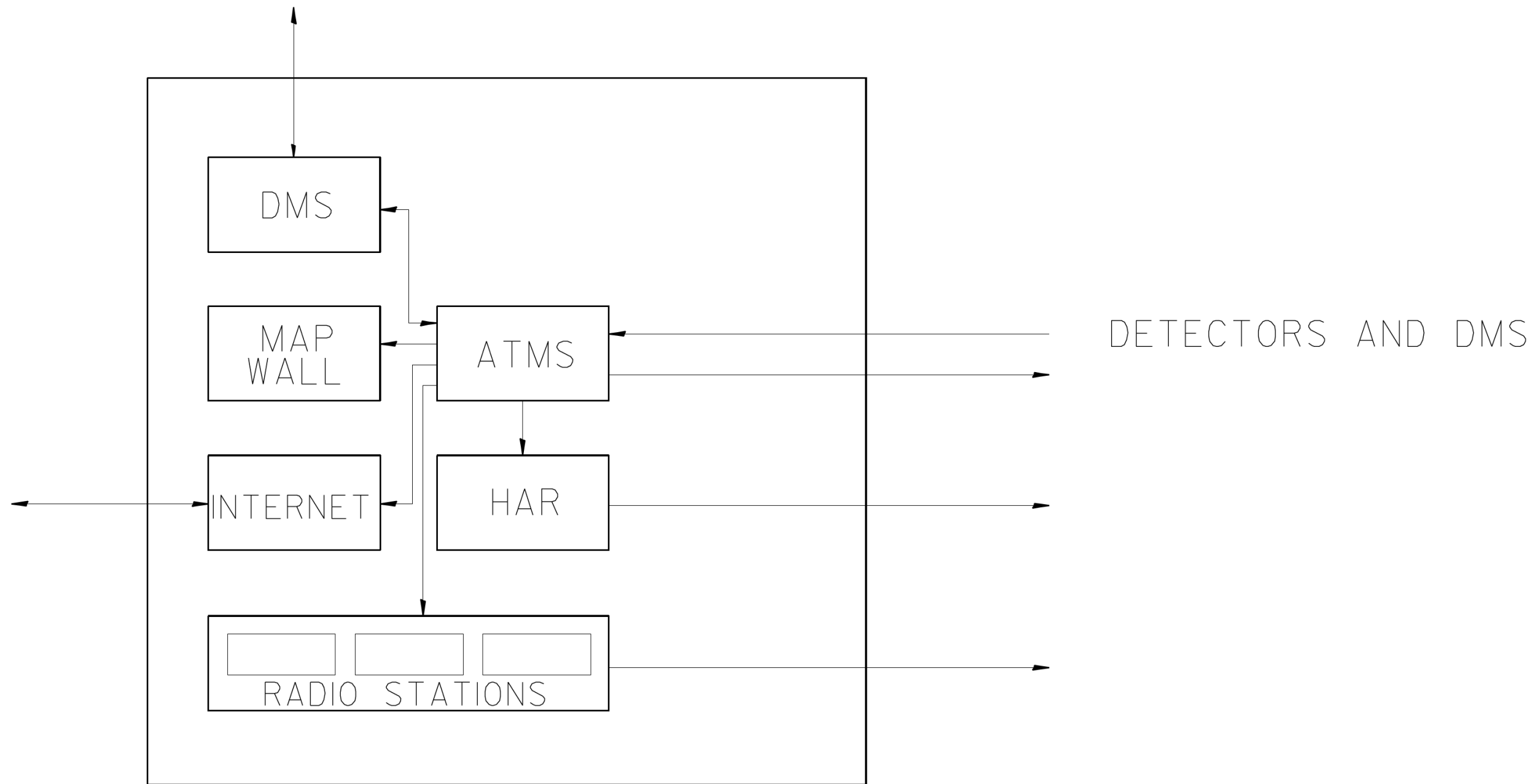


PHYSICAL SPLICE DETAILS (TYP)
(NOT TO SCALE)

FIBERS		FUNCTION	APPLICATION DESCRIPTION
FIBER NO.	COLOR CODE		
1	BLUE	IN TX	DATA CIRCUIT
2	ORANGE	IN RX	
3	GREEN	OUT RX	
4	BROWN	OUT TX	
5	SLATE	IN TX	DMS
6	WHITE	IN RX	
7	RED	OUT RX	
8	BLACK	OUT TX	
9	YELLOW	IN TX	CCTV
10	VIOLET	IN TX	
11	ROSE	OUT RX	
12	AQUA	OUT TX	

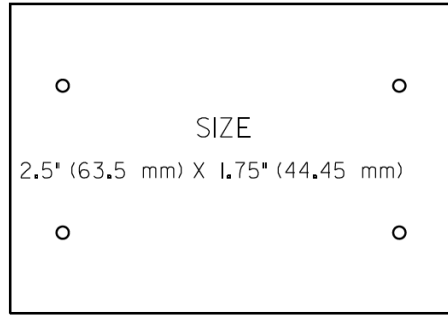
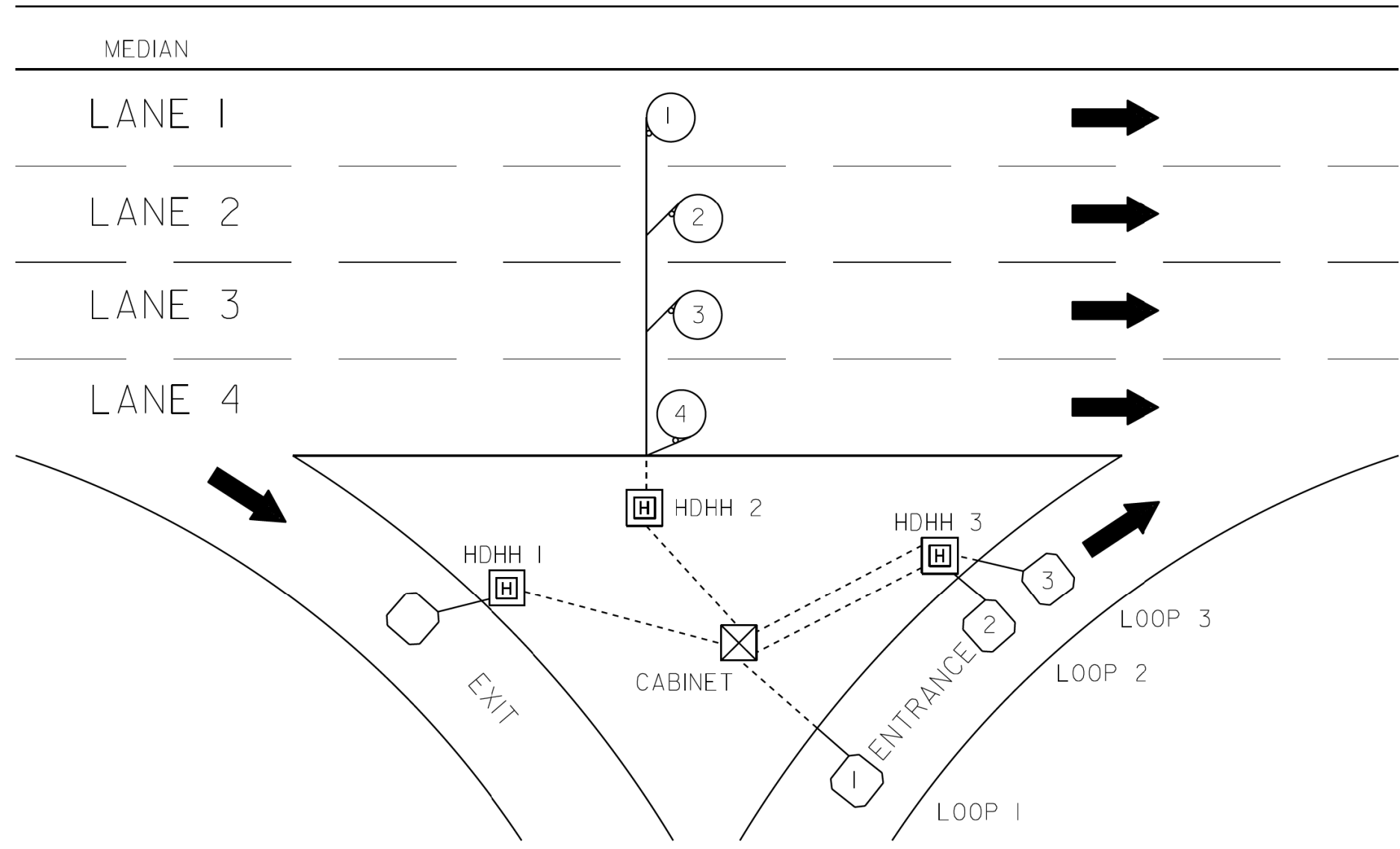
NOTE:

1.- THIS DIAGRAM IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY AND DEPICTS A TYPICAL FIBER OPTIC SPLICE.



TSC

FILE NAME = C:\d106010\155TCTYP.DGN	USER NAME = #USER#	DESIGNED - J.G.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	TSC ATMS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - G.M.	REVISED -		SCALE: NONE	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO.		888	607
#MODELNAME#		CHECKED - J.G.	REVISED -					FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT
		DATE - 01/07/2010	REVISED -								



SUGGESTED TAG
PANDUIT
#MP250WI75-C
OR EQUIVALENT

HDHH 1 EXAMPLE

IB-EB EXIT
CCW IN/
TO CABINET # _____

HDHH 2 EXAMPLE

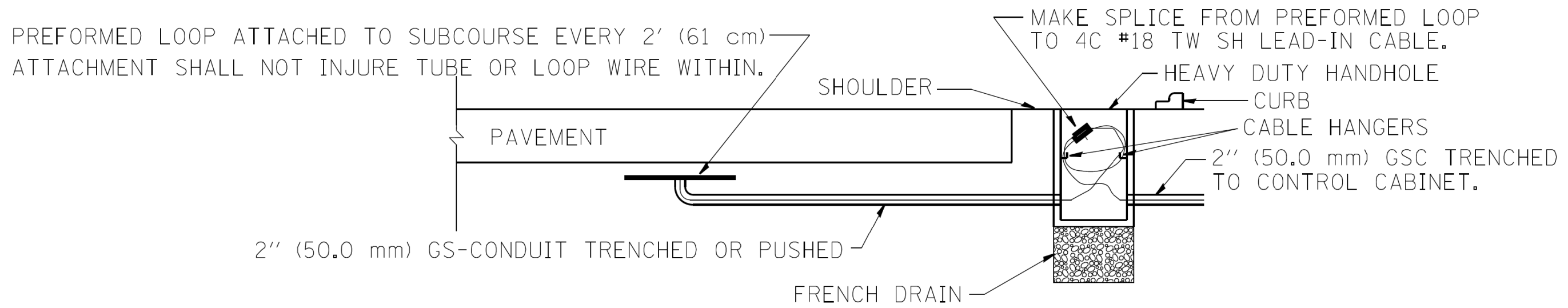
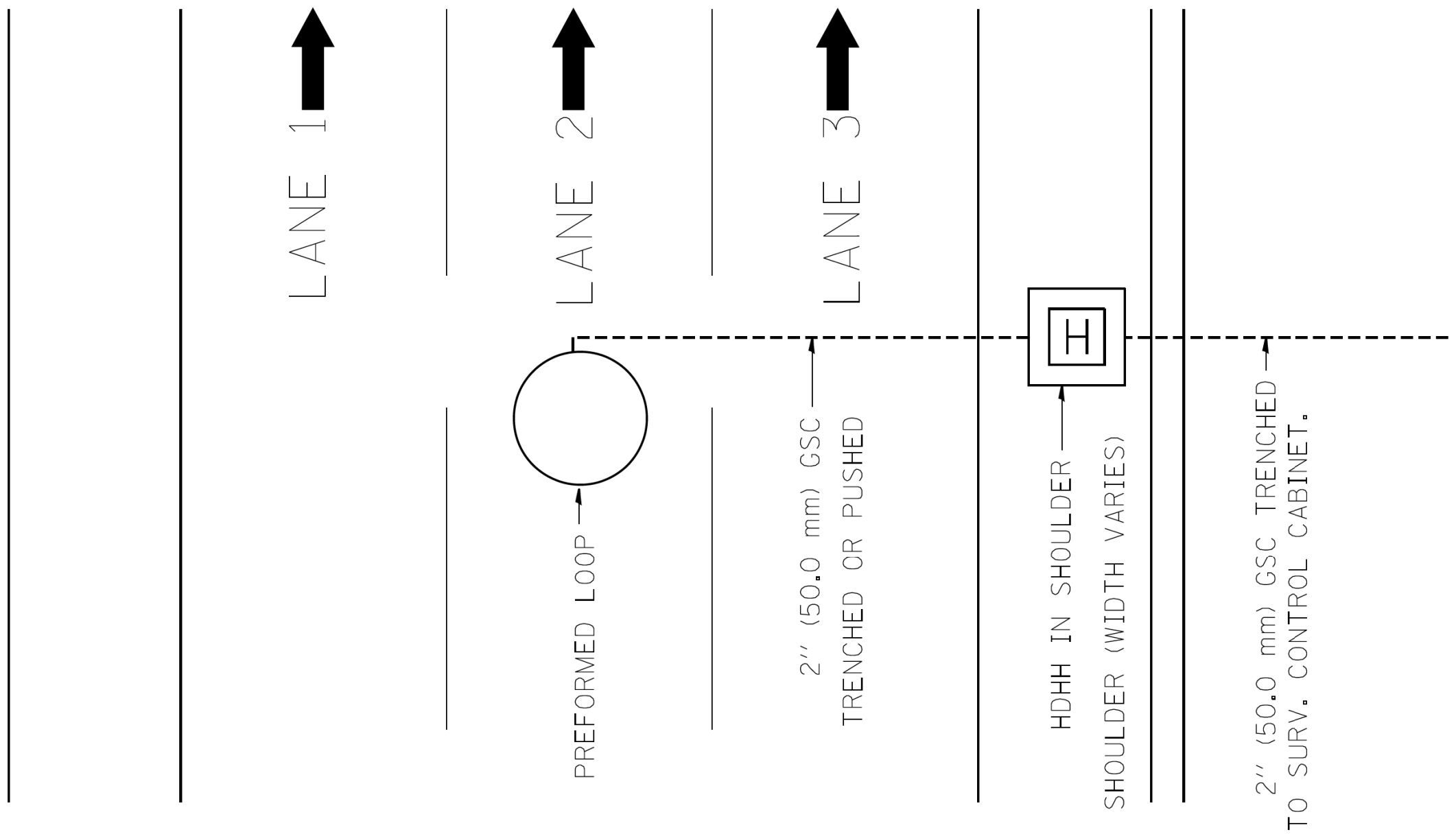
IB (OB) LANE # ____
CCW /OUT
TO CABINET # _____

HDHH 3 EXAMPLE

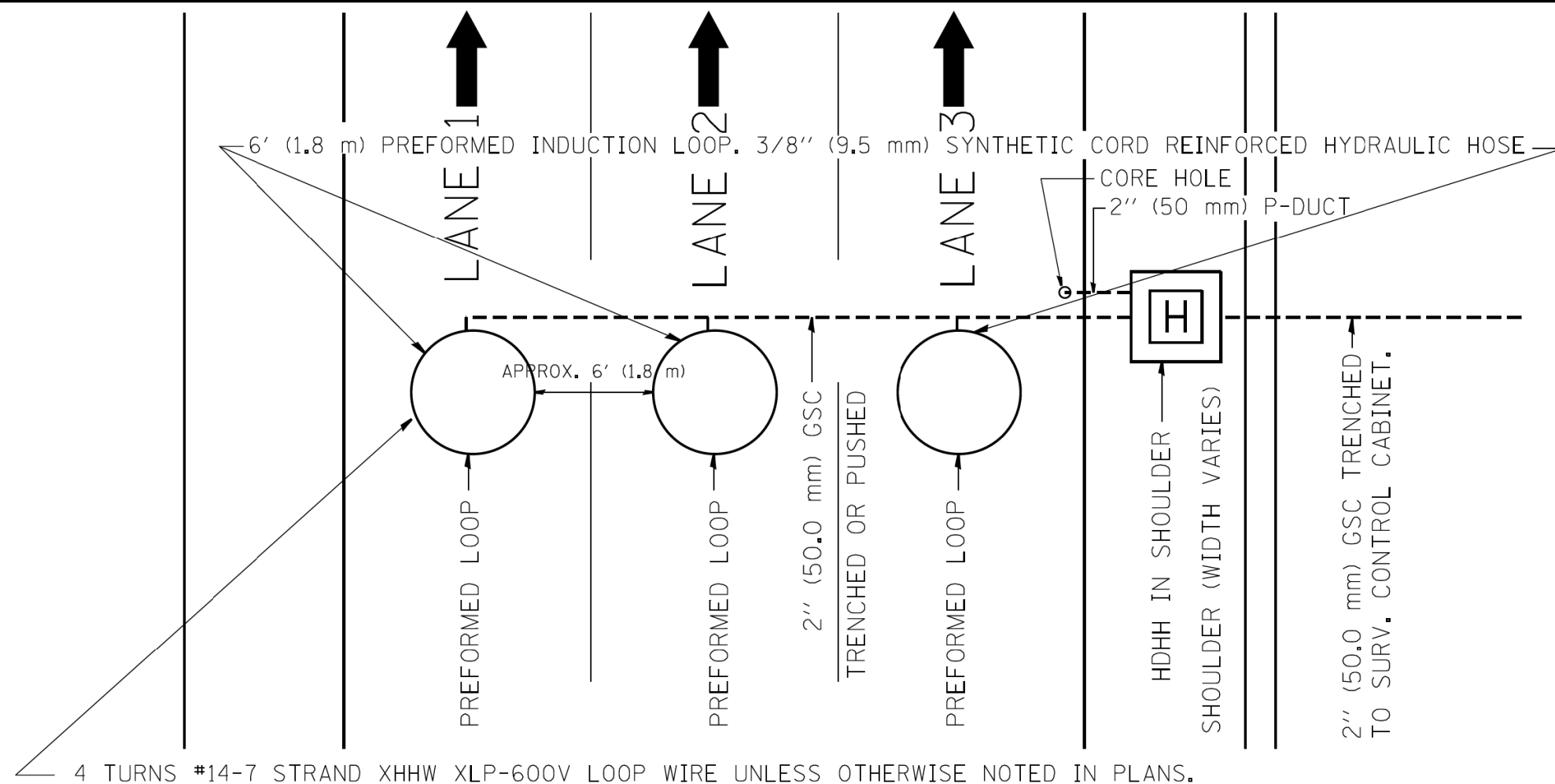
IB-EB ENT.
LOOP #2
CW IN/

NOTE:
EACH LOOP WIRE SHALL BE TAGGED AS "IN" OR "OUT" AND "CW" OR "CCW". SHIELDED CABLE WILL BE TAGGED IN EACH HANDHOLE AND CABINET TO MATCH THE CABLE LOG.

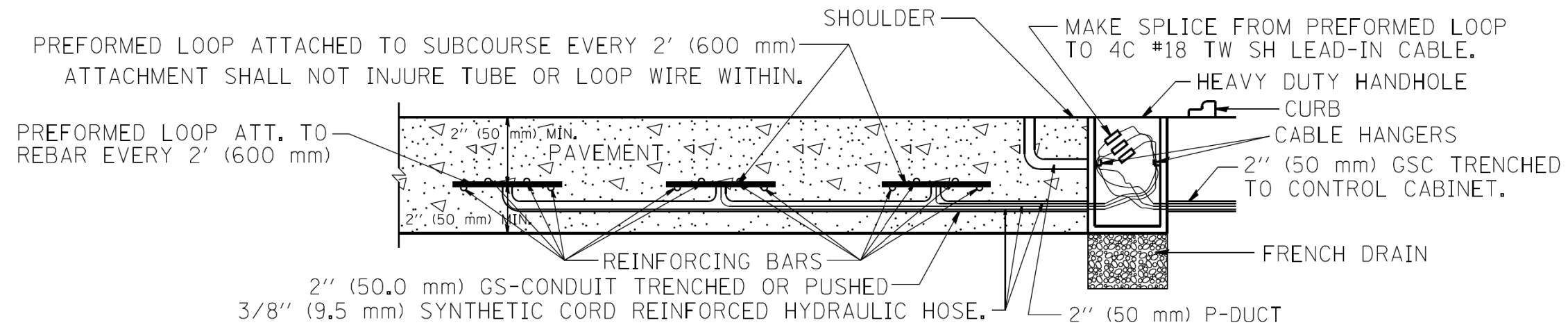
LOOP ANALYZER					
LOCATION _____			DATE _____		
LOOP LOCATION -- LANE DIRECTION	LOOP WIRE MARKED AND CODED	LOOP SIZE	FREQ. INDUCTANCE	INSULATION	LOOP RESISTANCE



FILE NAME =	USER NAME = mezag	DESIGNED - R.L.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	PREFORMED LOOP TYPICAL INSTALLATION NON-BRIDGE DECK APPLICATION			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 2/7/2013	CHECKED - R.L.	REVISED -										
		DATE - 03/18/02	REVISED -										



TYPICAL 3 LANE COUNT STATION IN NEW CONCRETE PAVEMENT

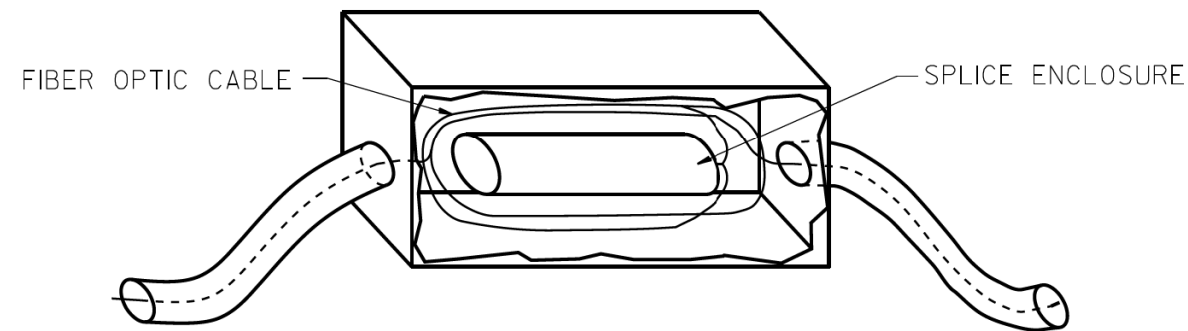


LOOP INSTALLATION IN NEW CONCRETE PAVEMENT

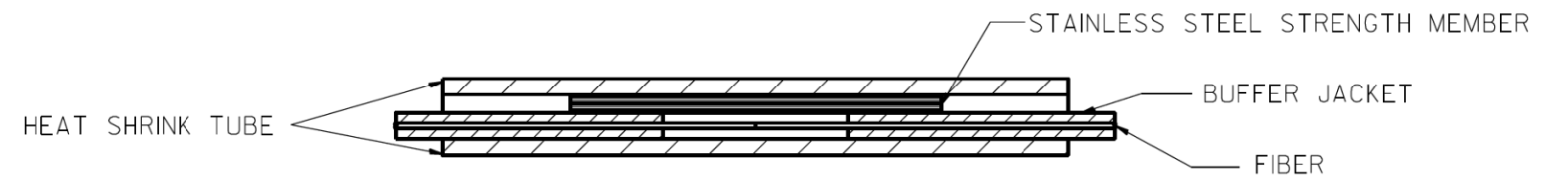
NOTES:

- 1.- EACH INDUCTION LOOP SHALL HAVE ITS OWN LEAD-IN CABLE TO CABINET.
- 2.- INDUCTION LOOPS SHALL NOT BE CONNECTED IN SERIES WITH OTHER LOOPS.
- 3.- LOOPS LOCATED OVER 1000' (300 m) FROM CABINET SHALL REQUIRE 5 TURNS OF #14 WIRE.
- 4.- FOR LANES 1 AND 3 WRAP LOOPS CLOCKWISE, FOR LANE 2 WRAP LOOP COUNTER CLOCKWISE.
- 5.- FOR COUNT STATIONS WHICH HAVE MORE THAN 3 LANES, A 3" (75 mm) GSC SHALL BE USED.
- 6.- COREHOLE SHALL BE FILLED WITH DUCT SEAL, JOINT SEALER (OZ GEDNEY DOZSEAL 230 OR BETTER) SHALL BE ADDED AFTER DUCT SEAL.

FILE NAME =	USER NAME = mezag	DESIGNED - J.G.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	PREFORMED LOOP TYPICAL INSTALLATION NEW CONCRETE PAVEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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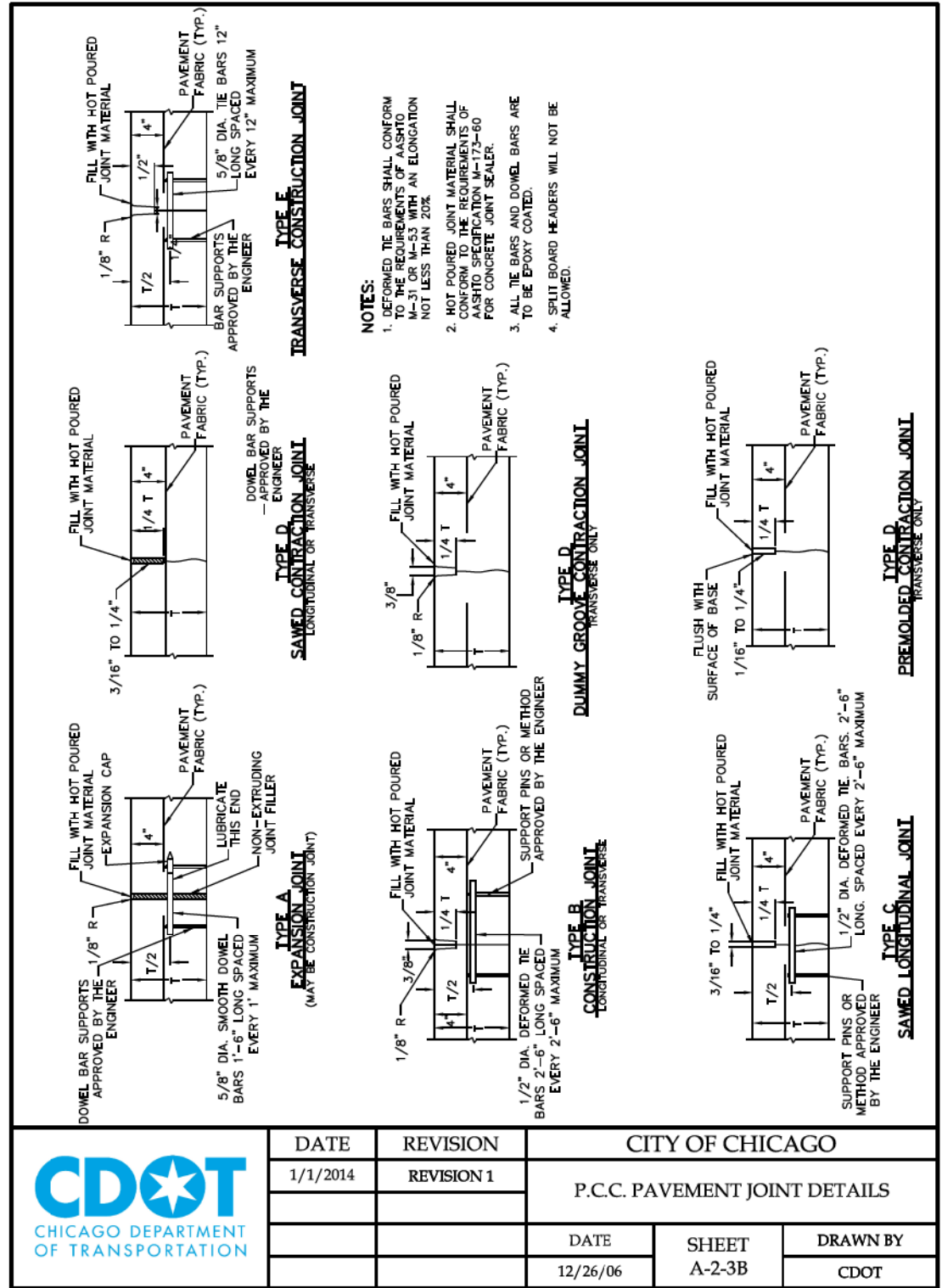
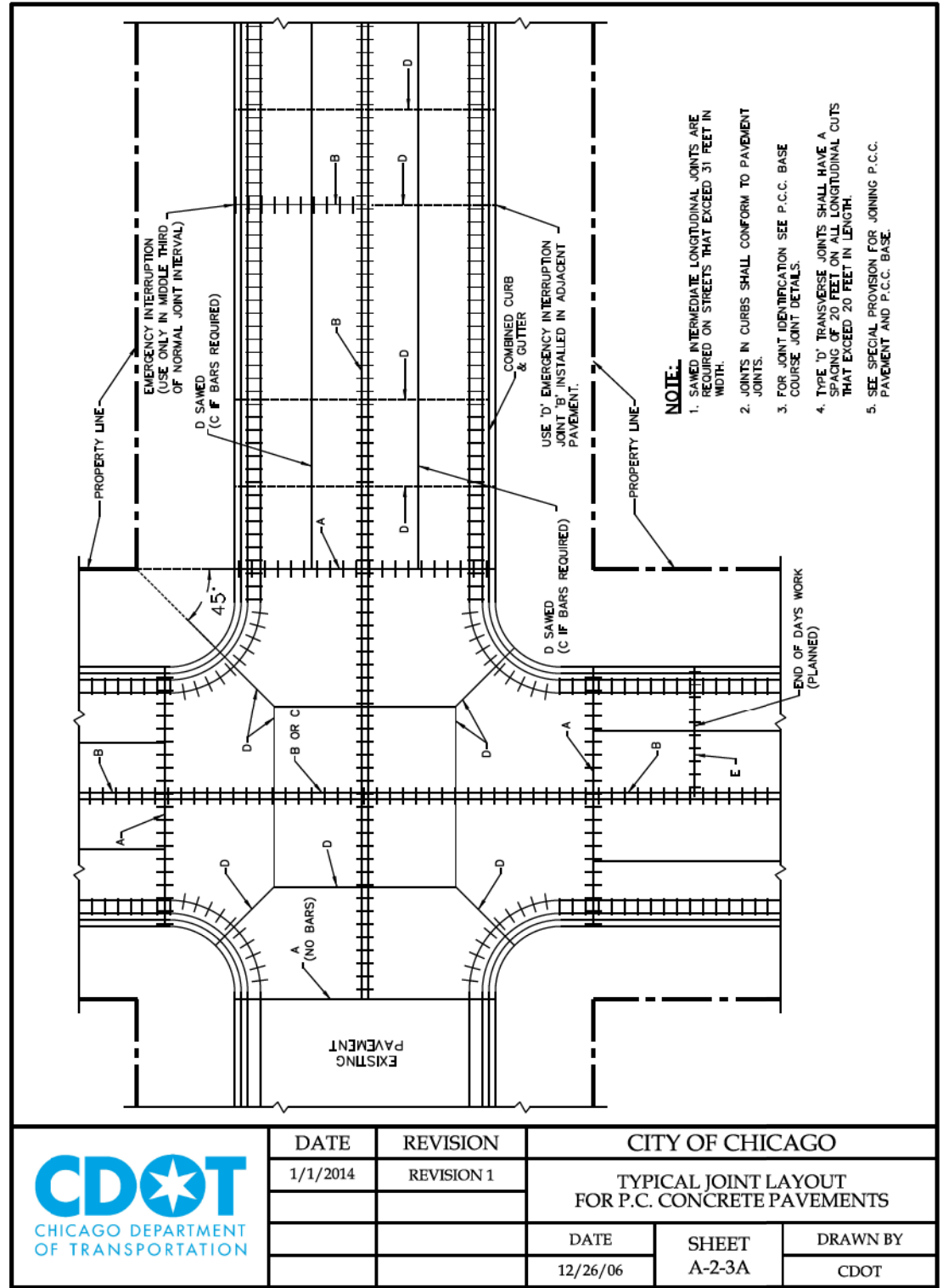


JUNCTION BOX DETAIL



FIBER SPLICE DETAIL

FILE NAME =	USER NAME = #USER#	DESIGNED - D.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	FIBER OPTIC WIRING DETAIL			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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D168779-Sht-CDOT-Detail-01.dgn
 USER NAME = mkwilson
 PLOT SCALE = 2.0000' / in.
 PLOT DATE = 7/29/2018

DESIGNED - CDOT
 DRAWN - CDOT
 CHECKED - CDOT
 DATE - 7-30-2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CHICAGO DEPARTMENT OF TRANSPORTATION
 STANDARDS

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	612
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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TYPE A
EXPANSION JOINT
(MAY BE CONSTRUCTION JOINT)

TYPE B
DUMMY GROOVE CONTRACTION JOINT
TRANSVERSE ONLY

TYPE C
SAWED LONGITUDINAL JOINT

TYPE D
PREMOLDED CONTRACTION JOINT
TRANSVERSE ONLY

TYPE E
TRANSVERSE CONSTRUCTION JOINT

NOTES:

- DEFORMED TIE BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31 OR M-53 WITH AN ELONGATION NOT LESS THAN 20%.
- HOT POURED JOINT MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF AASHTO SPECIFICATION M-172-00 FOR CONCRETE JOINT SEALER.
- ALL TIE BARS AND DOWEL BARS ARE TO BE EPOXY COATED.
- SPLIT BOARD HEADERS WILL NOT BE ALLOWED.

TYPE F
SAWED CONTRACTION JOINT
LONGITUDINAL OR TRANSVERSE

TYPE G
CONSTRUCTION JOINT
LONGITUDINAL OR TRANSVERSE



DATE	REVISION	CITY OF CHICAGO		
1/1/2014	REVISION 1	P.C.C. BASE COURSE JOINT DETAILS		
		DATE	SHEET	DRAWN BY
		12/27/06	A-2-3C	CDOT

NOTE: H = VARIABLE 3" TO 9"
 X = THICKNESS OF PAVEMENT
 Y = ONE HALF THE THICKNESS OF CONCRETE PAVEMENT OR CONCRETE BASE.
 Z = 10" OR THICKNESS OF PAVEMENT - WHICHEVER IS GREATER

TYPE BV, 12 OR TYPE 3 CURB & GUTTER

TYPE B OR TYPE 4 CURB BARRIER CURB

JOINTS IN CURB, COMBINED CURB & GUTTER

TRANSVERSE JOINTS OF A TYPE SIMILAR TO THAT USED IN THE ADJACENT PAVEMENT SHALL BE INSTALLED IN THE CURB, GUTTER AND COMBINED CURB & GUTTER IN PROLONGATION WITH THE JOINTS IN THE PAVEMENT. THE DETAILS OF THE TRANSVERSE JOINTS IN THE CURB, GUTTER AND COMBINED CURB & GUTTER SHALL BE APPROVED BY THE COMMISSIONER. CURB, GUTTER OR COMBINED CURB & GUTTER IS CONSTRUCTED ADJACENT TO A FLEXIBLE BASE PAVEMENT, 1" THICK EXPANSION JOINTS COMPOSED OF BITUMINOUS PERFORMED JOINT FILLER SHALL BE INSTALLED IN THE CURB AND/OR GUTTER AT POINTS OF CURVATURE AND AT CONSTRUCTION JOINTS. CONTRACTION JOINTS SHALL ALSO BE PLACED BETWEEN THESE EXPANSION JOINTS AT DISTANCES NOT EXCEEDING 20 FEET. ALL TIE BARS SHALL BE DEFORMED-ALL DOWEL BARS SHALL BE SMOOTH.

NOTE: ALL TIE BARS AND DOWEL BARS TO BE EPOXY COATED.

*AT LOCATIONS REQUIRING DEPRESSED CURBS SEE THE ADA STANDARDS FOR CONSTRUCTION DETAILS

DATE	REVISION	CITY OF CHICAGO		
1/1/2014	REVISION 1	CONCRETE CURB & GUTTER DETAIL		
		DATE	SHEET	DRAWN BY
		12/12/06	A-2-6	CDOT



DIB079-Sht-CDOT-Detail-02.dgn	DESIGNED - CDOT	REVISED -	
USER NAME = mkwilson	DRAWN - CDOT	REVISED -	
PLOT SCALE = 2.0000' / in.	CHECKED - CDOT	REVISED -	
PLOT DATE = 7/29/2018	DATE - 7-30-2018	REVISED -	

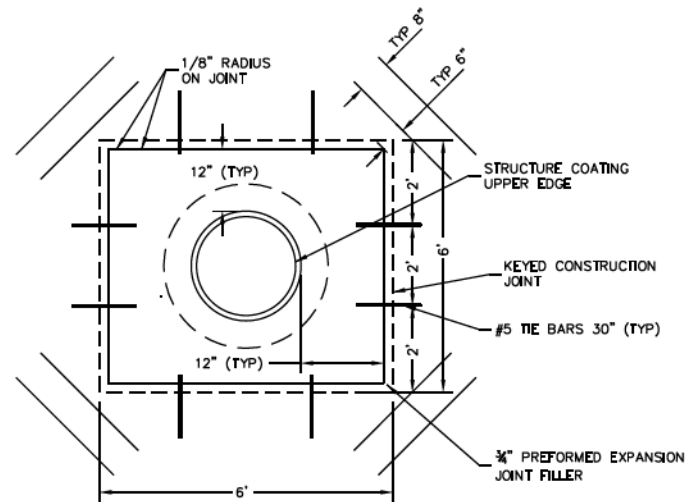
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CHICAGO DEPARTMENT OF TRANSPORTATION STANDARDS			
SCALE: NONE	SHEET 2 OF 5 SHEETS	STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	613
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-PMINT\secomon\line\local\pcc\CDOT\0502_MN\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\006_Roadway\Sheets\60X79_Contract\0160X79-Sht-CDOT-Detail-03.dgn

2-#4 DEFORMED TIE BARS 30" LONG AT A MID DEPTH (TYPICAL) SEE SPECIAL CONDITION BELOW.



SPECIAL CONDITIONS:

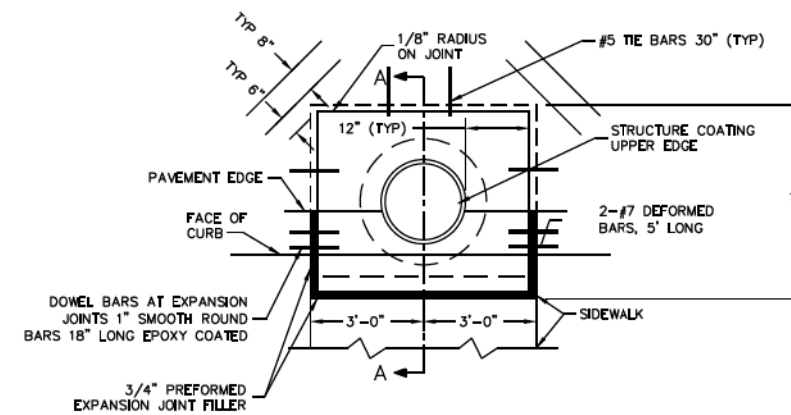
TIE BARS SHALL NOT BE INSTALLED AT ISOLATION BOX CORNERS WHERE EITHER SIDE OF THE BOX FORMING SAID CORNER IS A LONGITUDINAL OR TRAVERSE JOINT. MOREOVER, AT NO TIME SHALL A TIE BAR CROSS A JOINT (ALREADY FORMED OR PROPOSED) IN THE VICINITY OF THE ISOLATION BOX. IF THIS SITUATION OCCURS, THE TIE BAR SHALL BE ADJUSTED PARALLEL TO THE AXIS OF THE BAR SO THAT THE END OF THE BAR IS NO CLOSER THAN 1 1/2" TO THE JOINT.

ONLY BY THE DIRECTION OR APPROVAL OF THE COMMISSIONER SHALL THE DISTANCE BETWEEN THE UPPER EXTERNAL CASTING EDGE AND THE EDGE OF STANDARD ISOLATION BOX, SHOWN AS 12", BE INCREASED SO THAT AN IMMOVABLE LONGITUDINAL JOINT AND (OR) TRAVERSE JOINT WILL THEN THENCE FORM (O) SIDE (S) OF THE BOX. THIS ADJUSTMENT WILL BE ALLOWED ONLY WHEN THE DISTANCE BETWEEN THE SIDE OF THE STANDARD ISOLATION BOX AND IMMOVABLE JOINT IS 18" OR LESS.

BACKFILL MATERIAL AROUND STRUCTURE WILL BE COMPACTED TO 95% MODIFIED PROCTOR PRIOR TO THE PLACEMENT OF CONCRETE WITHIN THE ISOLATION BOX.

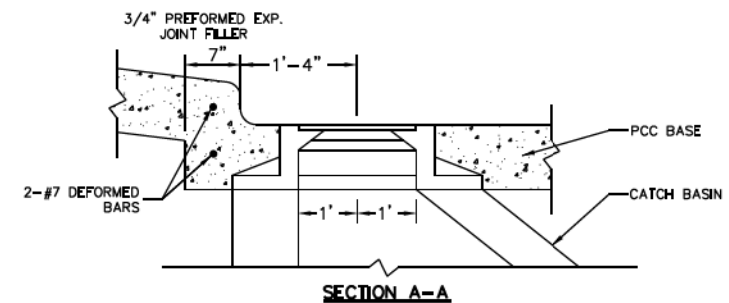


DATE	REVISION	CITY OF CHICAGO		
1/1/2014	REVISION 1	DETAILS OF STRUCTURE CASTING ISOLATION BOX		
		DATE	SHEET	DRAWN BY
		12/21/06	A-2-10A	CDOT



NOTES:

- STRUCTURE CASTING MAY BE ROUND OR RECTANGULAR.
- CONCRETE WITHIN THE ISOLATION BOX WILL BE OF THE SAME TYPE AND THICKNESS AS CONCRETE IN THE ADJACENT PAVEMENT.



DATE	REVISION	CITY OF CHICAGO		
1/1/2014	REVISION 1	DETAILS OF STRUCTURE CASTING ISOLATION BOX FOR P.C.C. PAVEMENT AND BASE COURSE		
		DATE	SHEET	DRAWN BY
		12/22/06	A-2-10B	CDOT



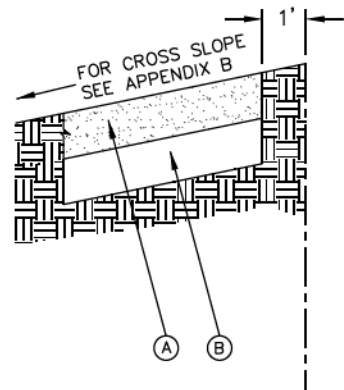
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CHICAGO DEPARTMENT OF TRANSPORTATION STANDARDS			
SCALE: NONE	SHEET 3	OF 5 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	614
CONTRACT NO. 60X79				ILLINOIS FED. AID PROJECT

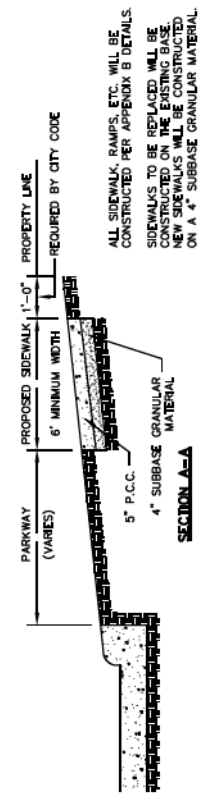
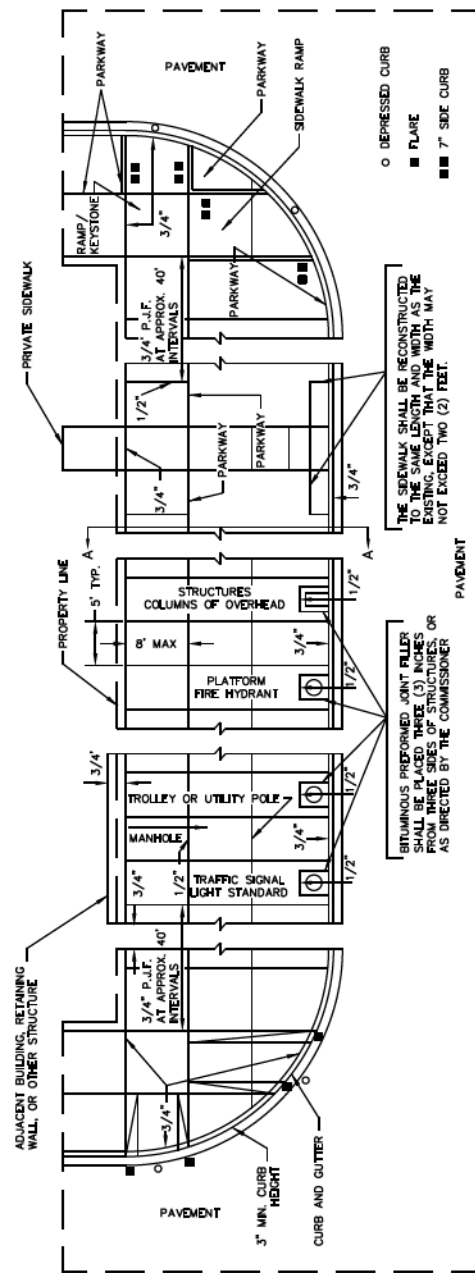
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LEGEND:

- (A) PROPOSED 5" P.C.C. SIDEWALK *
 - (B) SUBBASE GRANULAR MATERIAL, TYPE B OR C, 4"
- * CURB RAMP & KEYSTONE 8" P.C.C. AT SIGNALIZED AND INDUSTRIAL STREET INTERSECTIONS

	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	ADA COMPLIANT SIDEWALK CONSTRUCTION DETAILS		
			DATE	SHEET	DRAWN BY
			12/20/06	A-3-1	CDOT



* THE 1/2" AND 3/4" DIMENSIONS REFER TO THE THICKNESS OF THE BITUMINOUS PREFORMED JOINT FILLER REQUIRED AT THE VARIOUS LOCATIONS.

	DATE	REVISION	CITY OF CHICAGO		
	1/1/2014	REVISION 1	DETAILS OF PORTLAND CEMENT CONCRETE CONSTRUCTION		
			DATE	SHEET	DRAWN BY
			12/22/06	A-3-2	CDOT



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CHICAGO DEPARTMENT OF TRANSPORTATION
STANDARDS

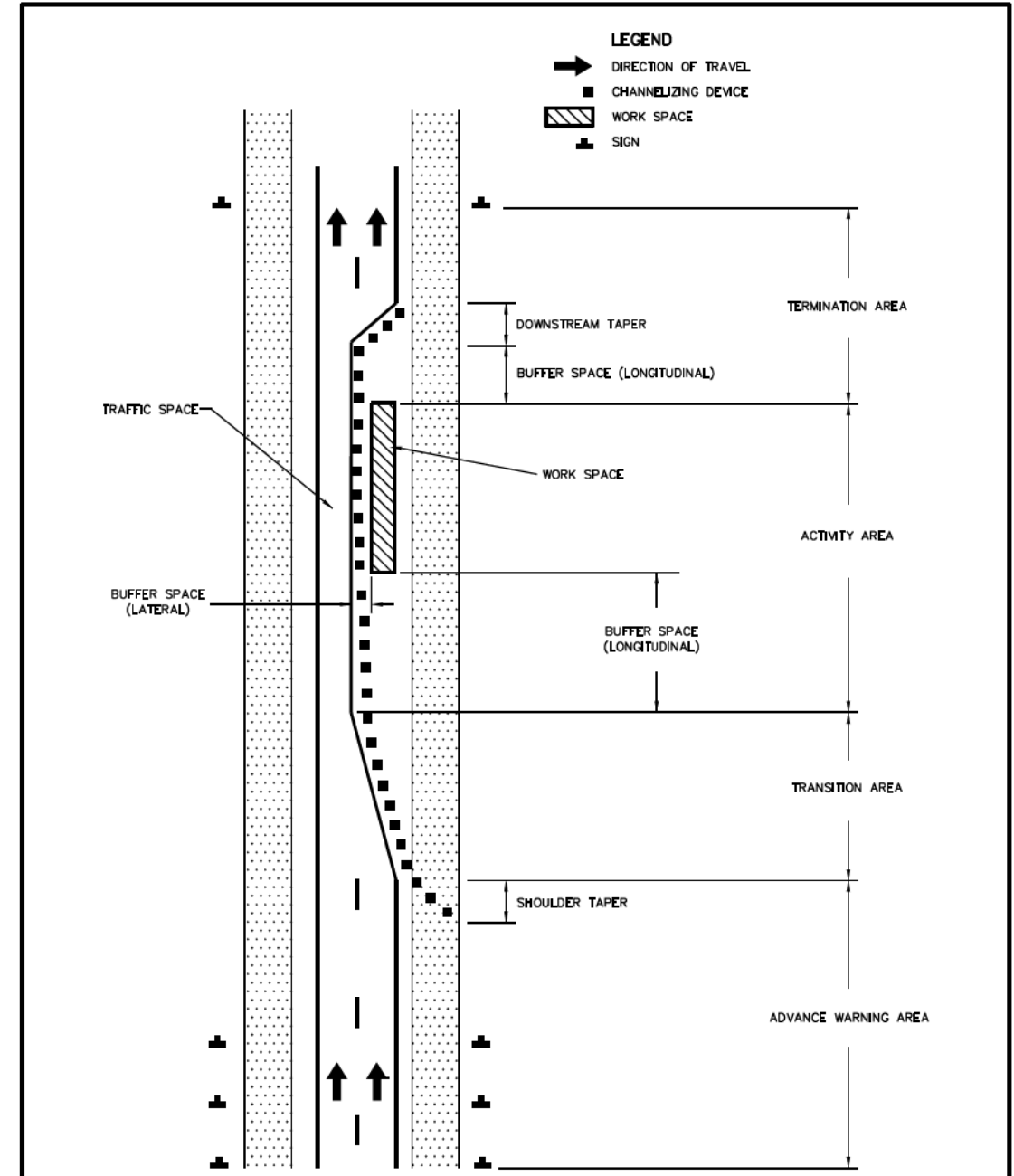
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F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 615
CONTRACT NO. 60X79				ILLINOIS FED. AID PROJECT

For standard details see Regulations of Sewer Construction and Stormwater Management:
http://www.cityofchicago.org/city/en/depts/water/provdrs/engineer/svcs/2009_sewer_constructionandstormwatermanagementrequirements.html



DATE	REVISION	CITY OF CHICAGO		
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		DATE	SHEET	DRAWN BY
		12/28/06	A-4-1	CDOT



DATE	REVISION	CITY OF CHICAGO		
		COMPONENT PARTS OF A TEMPORARY TRAFFIC CONTROL ZONE		
		DATE	SHEET	DRAWN BY
		1/1/14	A-6-1A	CDOT

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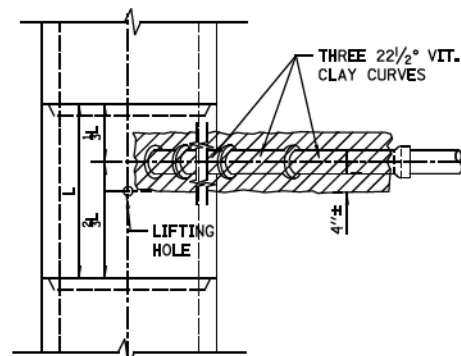


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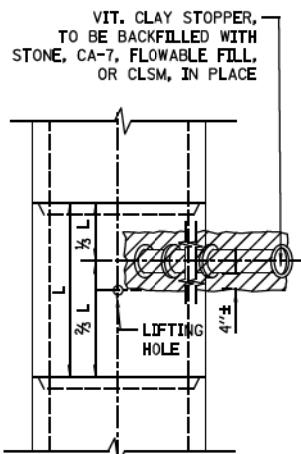
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CHICAGO DEPARTMENT OF TRANSPORTATION STANDARDS			
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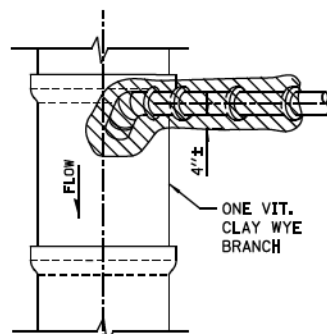
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90/94/290	2014-005R&B	COOK	888	616
CONTRACT NO. 60X79				ILLINOIS FED. AID PROJECT



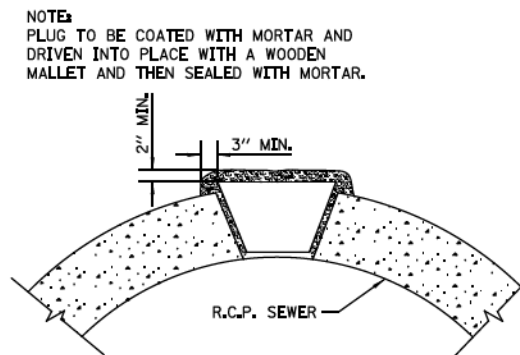
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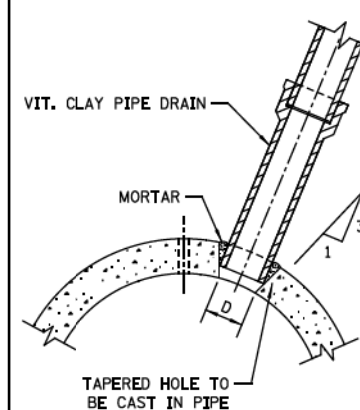
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PLAN

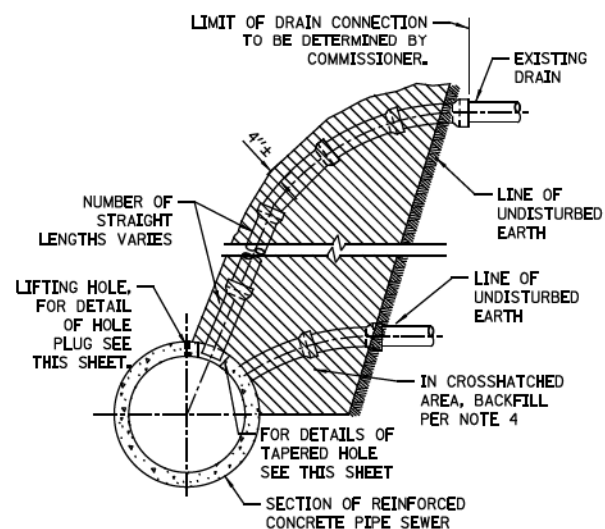


LIFTING HOLE PLUG DETAIL FOR CONCRETE PIPE

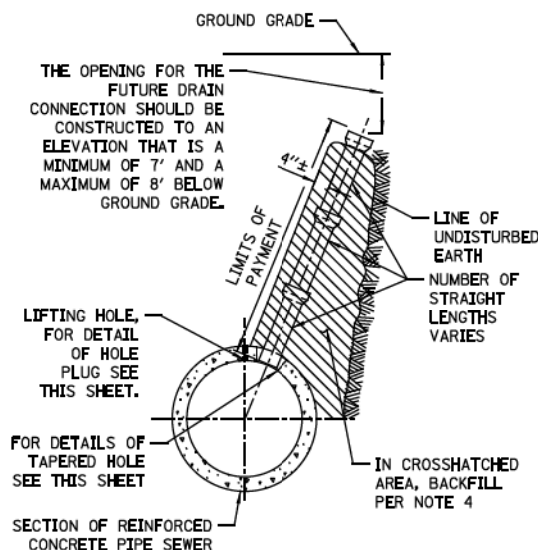


DETAIL OF TAPERED HOLE

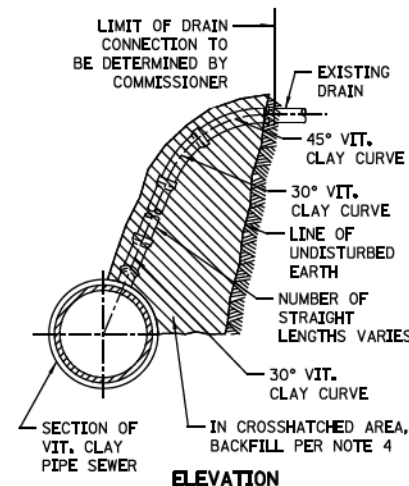
SIZE OF DRAIN	"D"
6"	6 5/8"
8"	9 1/8"
10"	11 1/8"
12"	13 1/2"
15"	17"
18"	20 1/4"
21"	23 3/8"



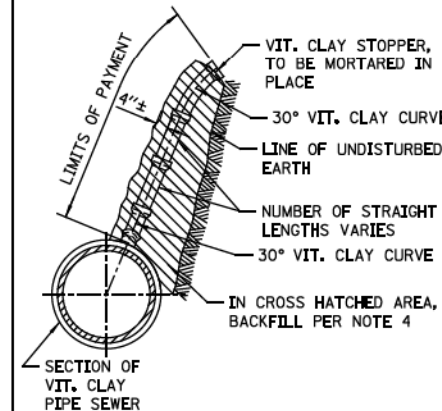
TYPICAL DRAIN CONNECTIONS FOR EXISTING DRAINS



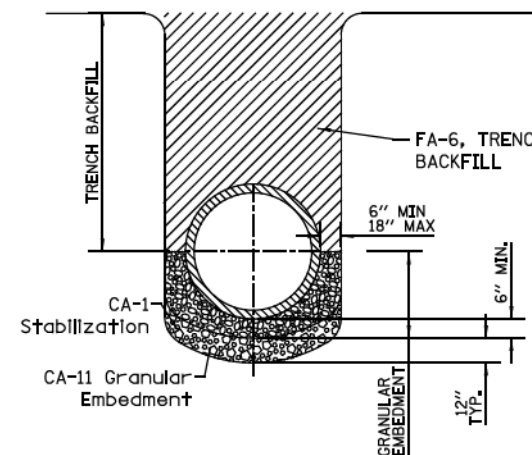
TYPICAL DRAIN STACKS FOR FUTURE USE



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: <u> </u> CHECKED: <u> </u> DESIGNED: <u> </u> REVIEWED: <u> </u>	A.1
VITRIFIED CLAY PIPE DRAIN CONNECTIONS			

\$FILE\$
\$DATE\$

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PLOT SCALE = 2.0000 ' / in.
PLOT DATE = 7/29/2018

DESIGNED - CDWM
DRAWN - CDWM
CHECKED - CDWM
DATE - 7-30-2018

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
CHICAGO DEPARTMENT OF WATER MANAGEMENT

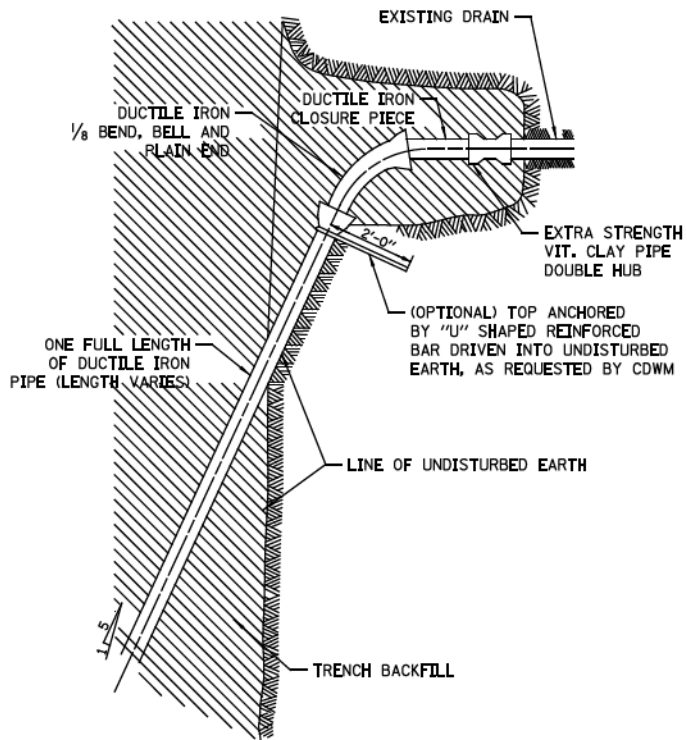
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F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 617
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

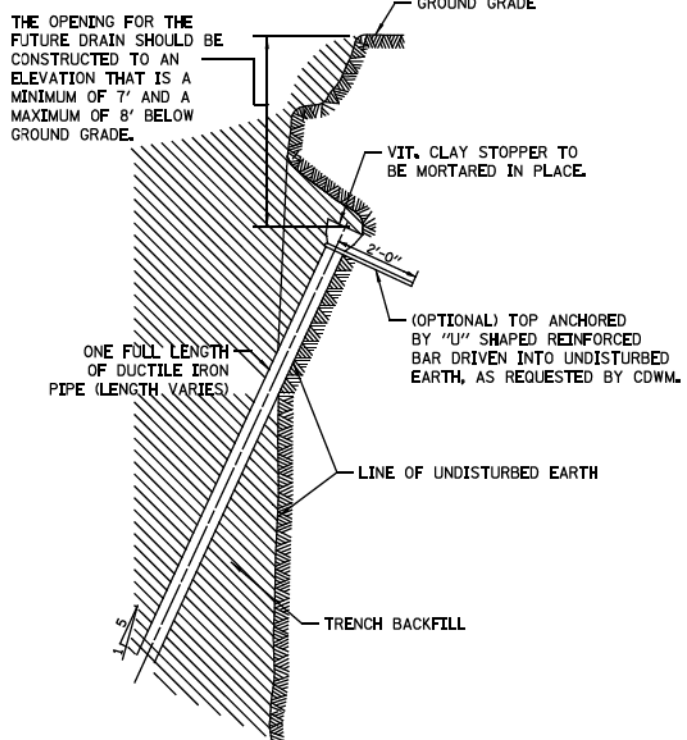
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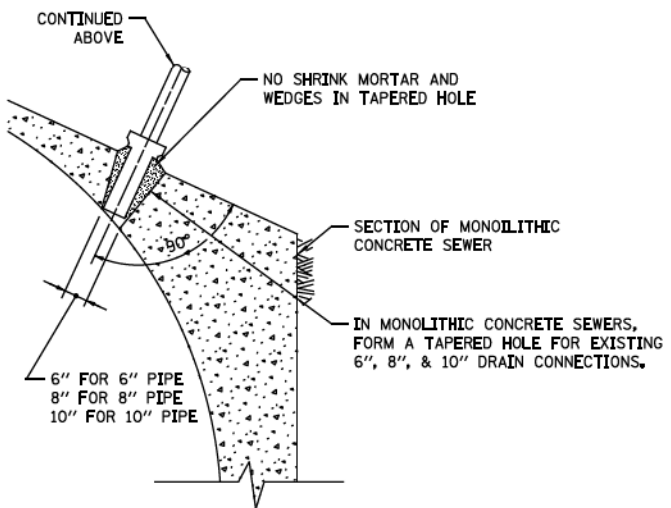
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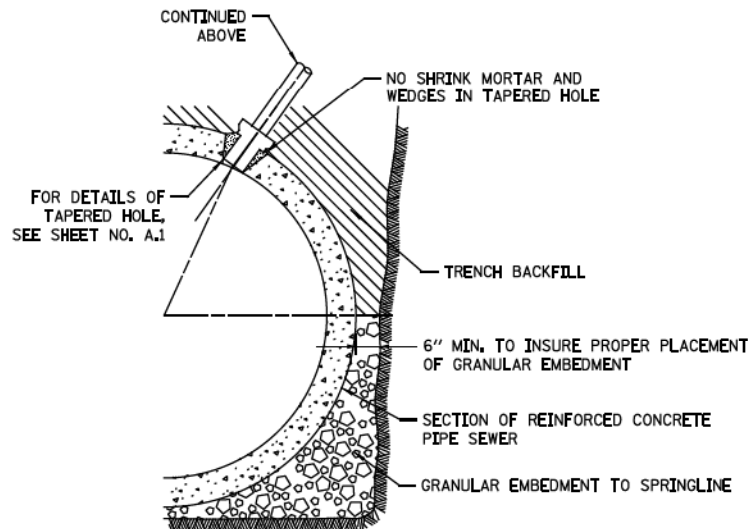
TYPICAL DRAIN CONNECTIONS FOR EXISTING DRAINS



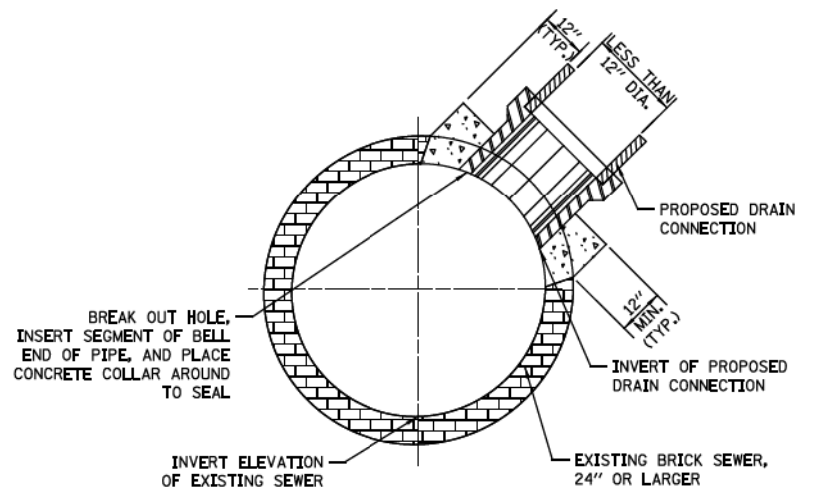
TYPICAL DRAIN STACKS FOR FUTURE USE



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	
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BULLETIN	

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

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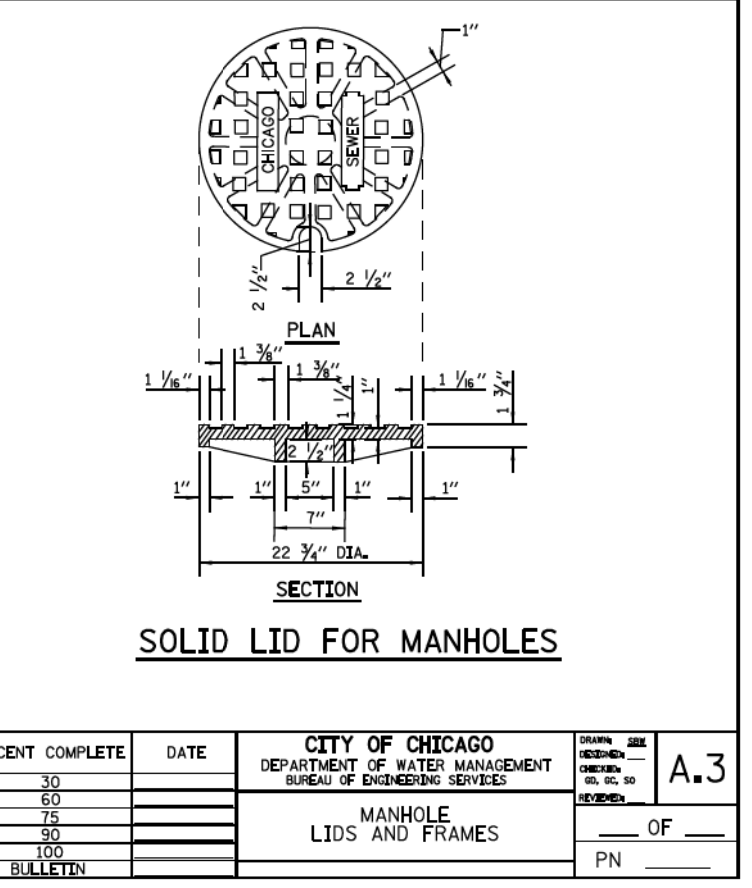
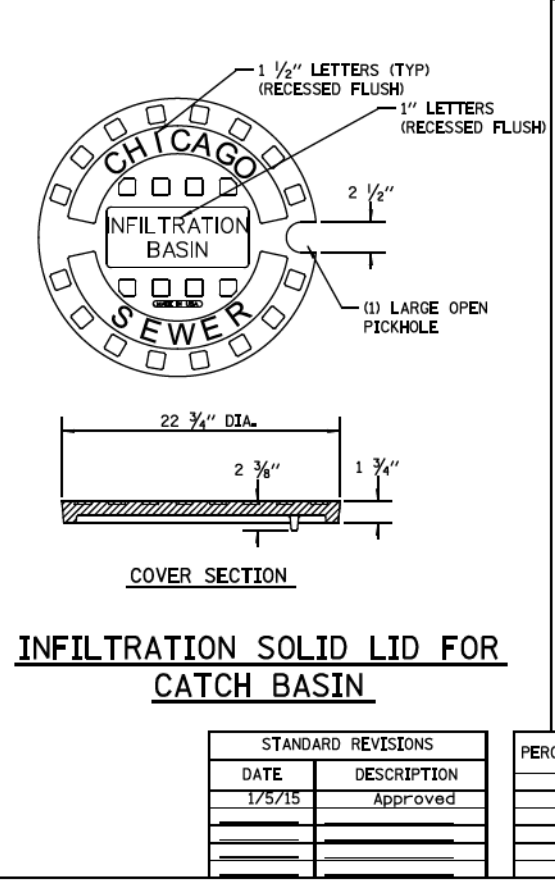
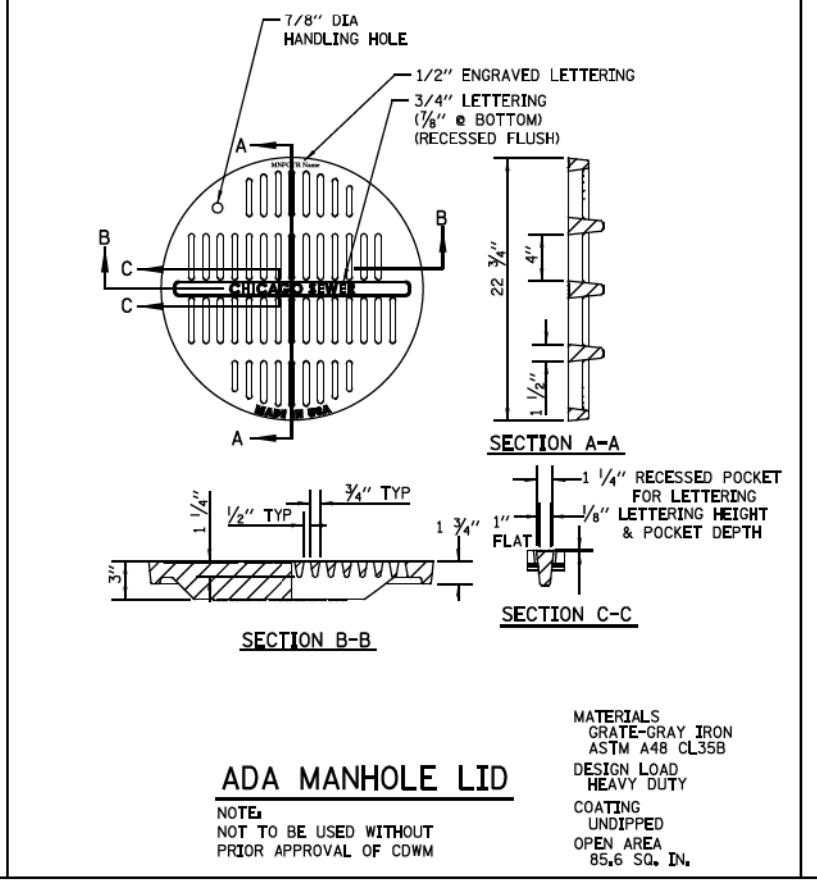
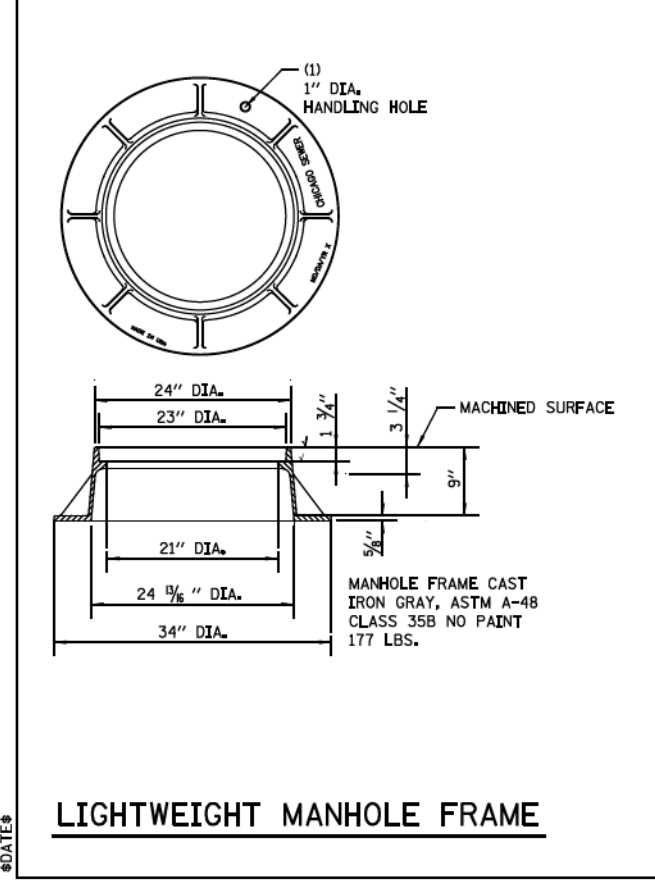
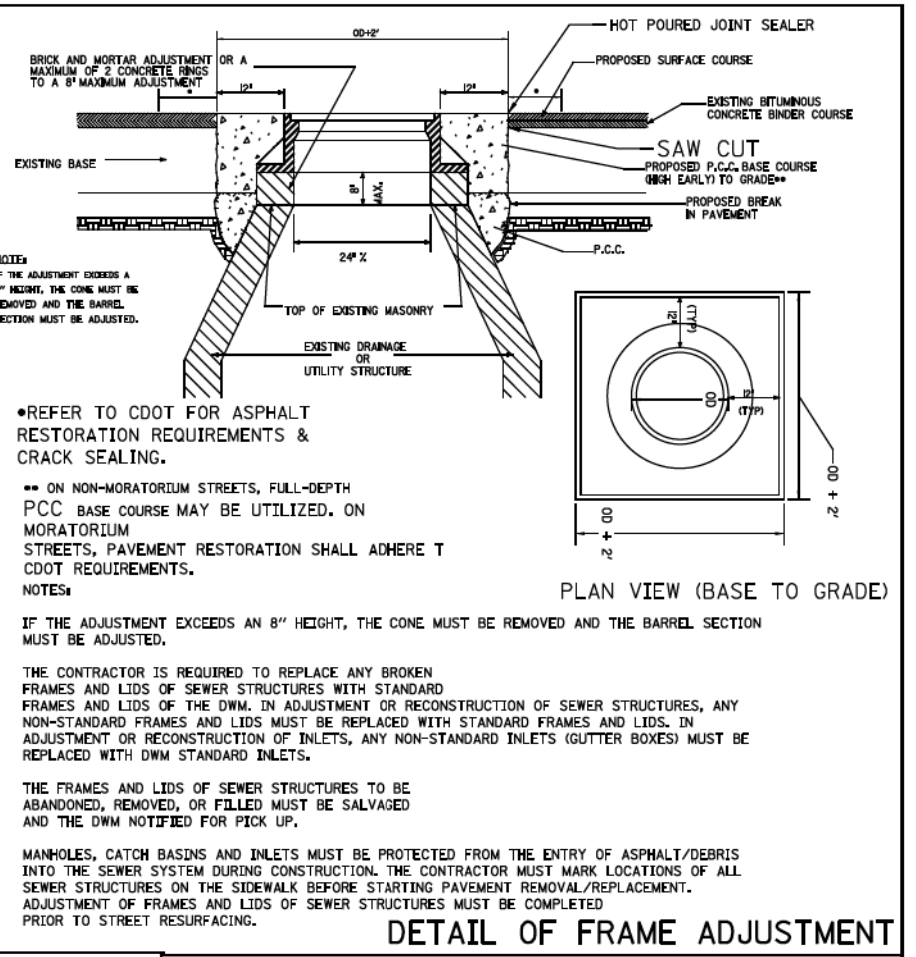
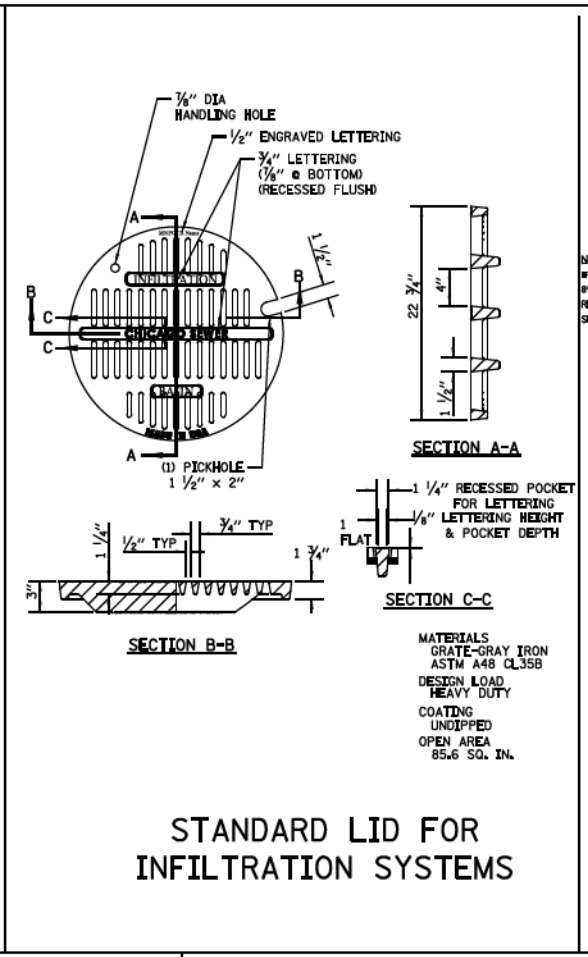
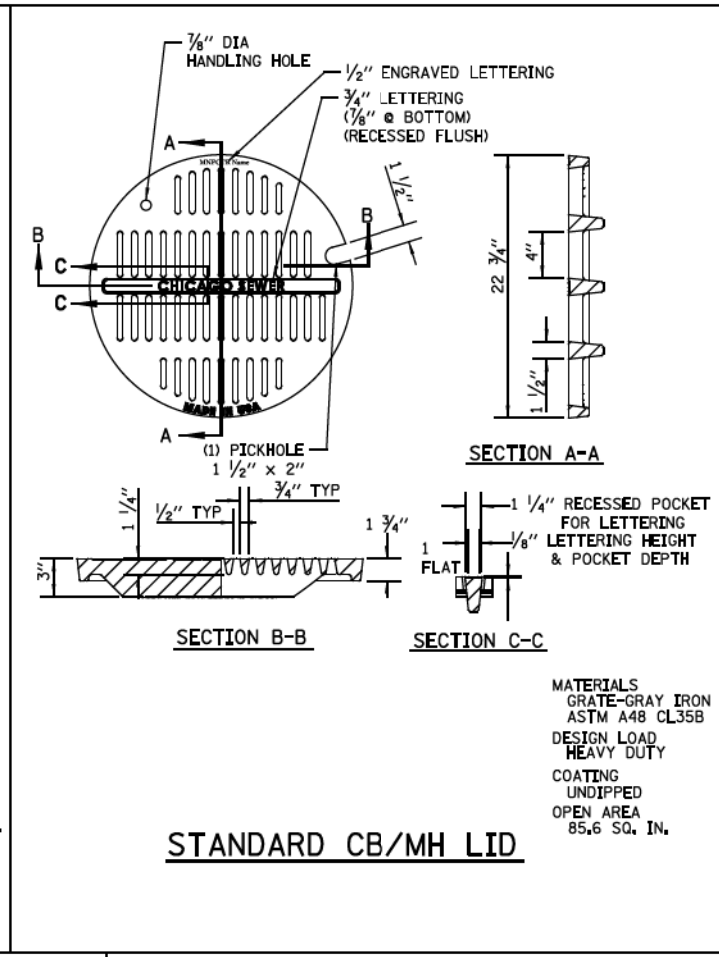
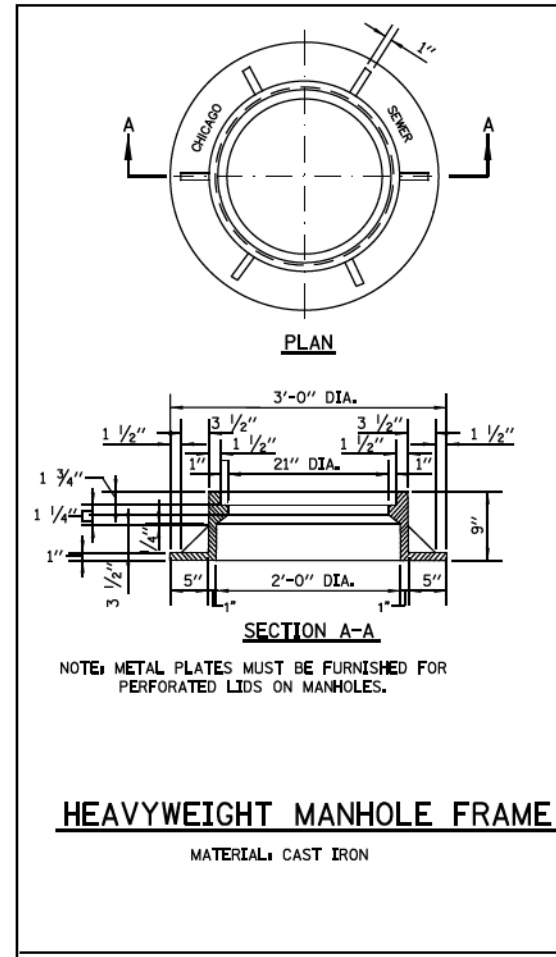
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CHECKED - CDWM	REVISED -
DATE - 7-30-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
CHICAGO DEPARTMENT OF WATER MANAGEMENT

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 618
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60X79



STANDARD REVISIONS	
DATE	DESCRIPTION
1/5/15	Approved

PERCENT COMPLETE	DATE
30	
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75	
90	
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BULLETIN	

CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES		DRAWN: <u> </u> CHECKED: <u> </u> DESIGNED: <u> </u> REVISIONS: <u> </u>
MANHOLE LIDS AND FRAMES		
_____ OF _____		A.3
_____ PN _____		

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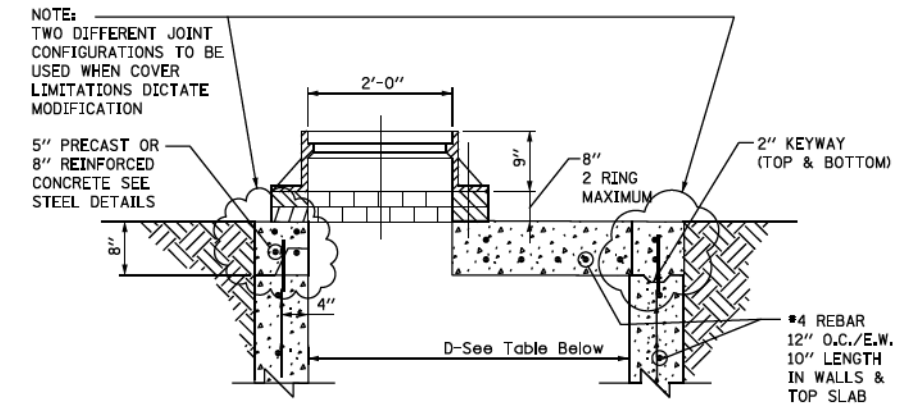
STATE OF ILLINOIS	DEPARTMENT OF TRANSPORTATION
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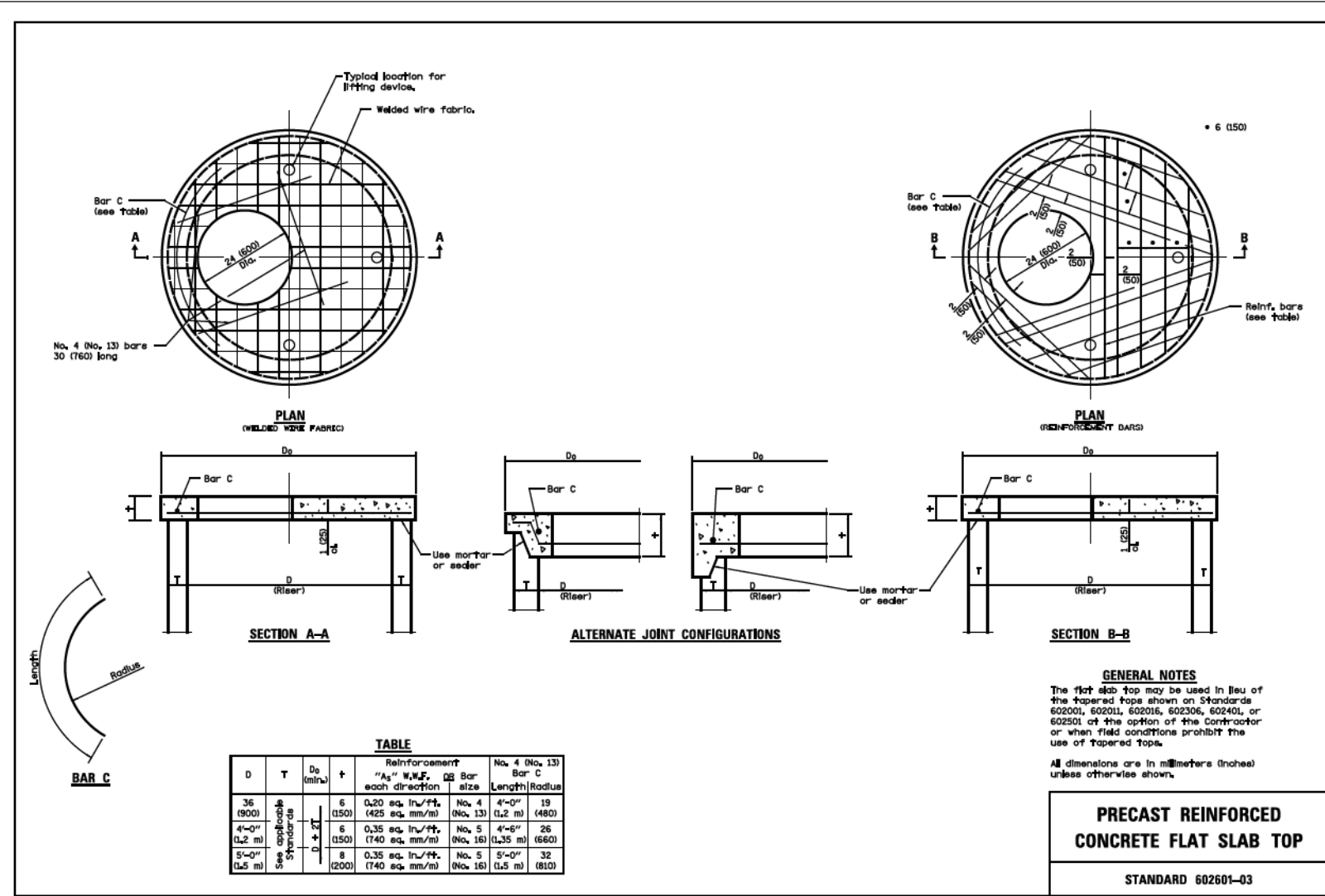
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CHICAGO DEPARTMENT OF WATER MANAGEMENT		CONTRACT NO. 60X79				ILLINOIS FED. AID PROJECT

CITY OF CHICAGO		DEPARTMENT OF WATER MANAGEMENT		BUREAU OF ENGINEERING SERVICES	
MANHOLE LIDS AND FRAMES		_____ OF _____		PN _____	

SPECIAL DRAINAGE STRUCTURES
FOR PUBLIC STREETS AND ALLEYS



STANDARD FLAT TOP SLAB
FOR CATCH BASINS



NOTES:
FLAT TOP SLAB APPLICATION CAN ONLY BE USED WITH
WRITTEN PERMISSION FROM CDWM.
USE LATEST IDOT DETAIL, #602601

\$FILE\$
\$DATE\$

CDWM Details.cel 8/5/2015 10:30:51 AM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STANDARD REVISIONS	
DATE	DESCRIPTION
1/5/15	APPROVED PLAN

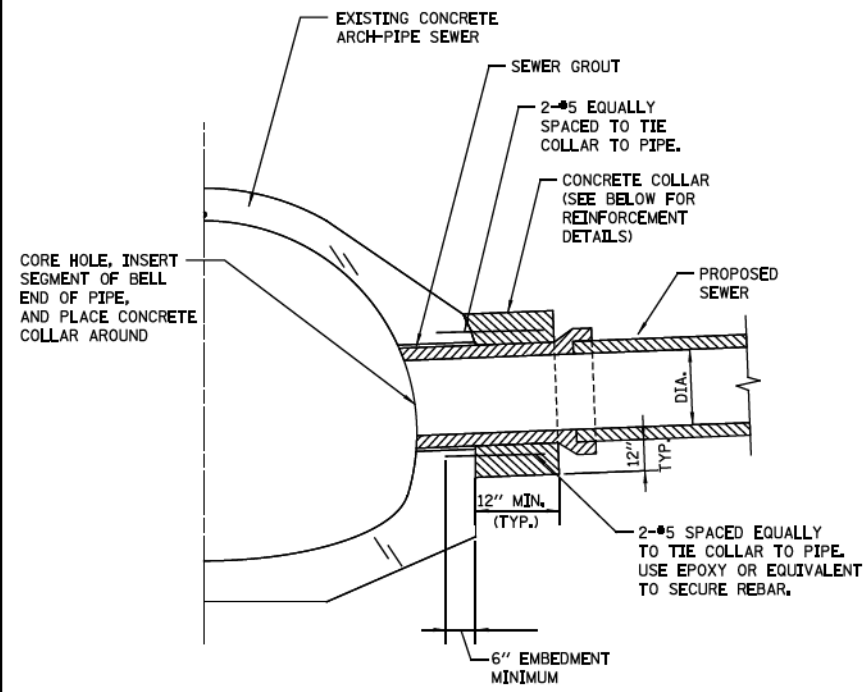
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CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES			DRAWN	SCALE
				A.4
FLAT TOP SLAB DETAILS				

DRAINAGE DETAILS
CHICAGO DEPARTMENT OF WATER MANAGEMENT

SCALE: NONE SHEET 4 OF 7 SHEETS STA. TO STA.

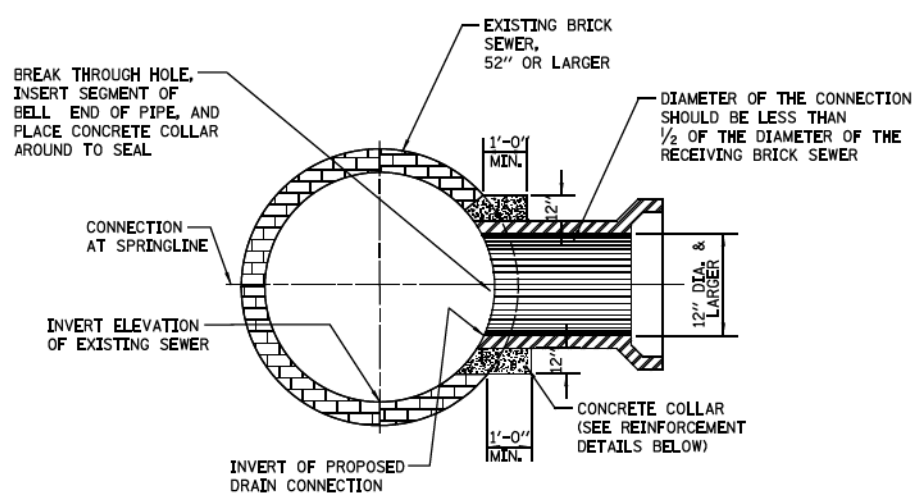
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90/94/290	2014-005R&B	COOK	888	620
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



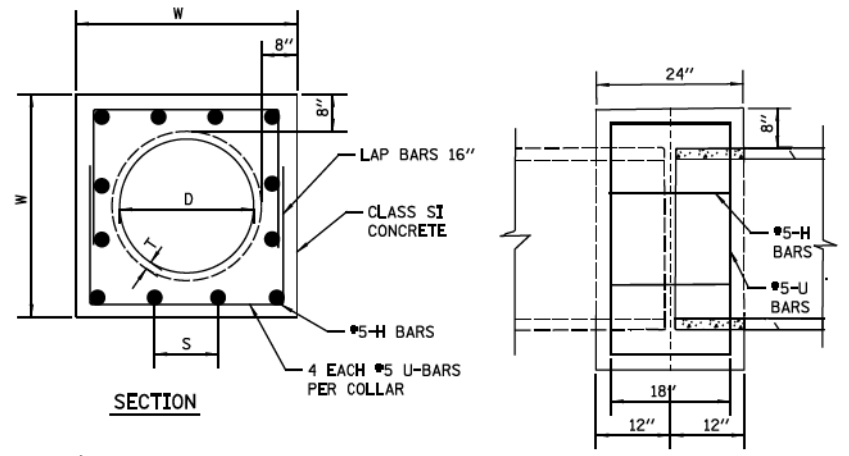
EXAMPLE TYPICAL CONNECTION DETAIL
(NOT TO SCALE)

CONCRETE COLLAR NOTES:

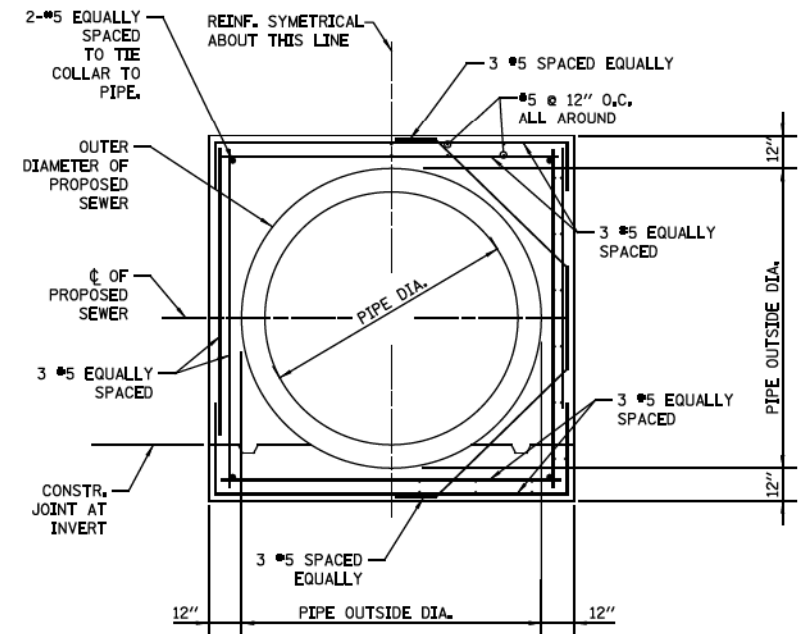
1. ALL ITEMS AND MATERIALS SHALL CONFORM TO THE LATEST IDOT SSRBC SPECIFICATIONS, UNLESS OTHERWISE NOTED IN SUPPLEMENTAL SPECIFICATIONS FOR THE SPECIFIC PROJECT BEING CONSTRUCTED.
2. ALL CONCRETE SHALL CONFORM TO IDOT SSRBC ARTICLE 1020.04, CLASS SI, WITH A COMPRESSIVE STRENGTH OF 3500 PSL.
3. ALL EPOXY COATED REINFORCEMENT BARS SHALL CONFORM TO IDOT SSRBC SECTION 508, AND ARTICLE 1006.10.
4. UNLESS OTHERWISE SHOWN, THE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS:
A.) CONCRETE CAST AGAINST PERMANENTLY EXPOSE EARTH: 3" B.) ALL OTHER REINFORCING BARS: 2"
5. 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.
6. 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.
7. 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 TYPICAL BRICK SEWER CONNECTION FOR CONNECTING PIPE SIZES GREATER THAN 12" DIA.
(NOT TO SCALE)



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



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. (IN)	PIPE THICKNESS (IN)	WIDTH (IN)	(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

FILE#
DATE#

CDWM_Details.ctb 8/5/2015 11:04:18 AM



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PLOT SCALE = 2.0000' / in.
PLOT DATE = 7/29/2018

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DRAWN - CDWM
CHECKED - CDWM
DATE - 7-30-2018

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STANDARD REVISIONS	
DATE	DESCRIPTION
1/22/14	APPROVED PLAN

PERCENT COMPLETE	DATE
30	
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90	
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BULLETIN	

CITY OF CHICAGO
DEPARTMENT OF WATER MANAGEMENT
BUREAU OF ENGINEERING SERVICES

CONCRETE COLLAR / CONNECTION DETAILS

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CHECKED: []
REVIEWED: []

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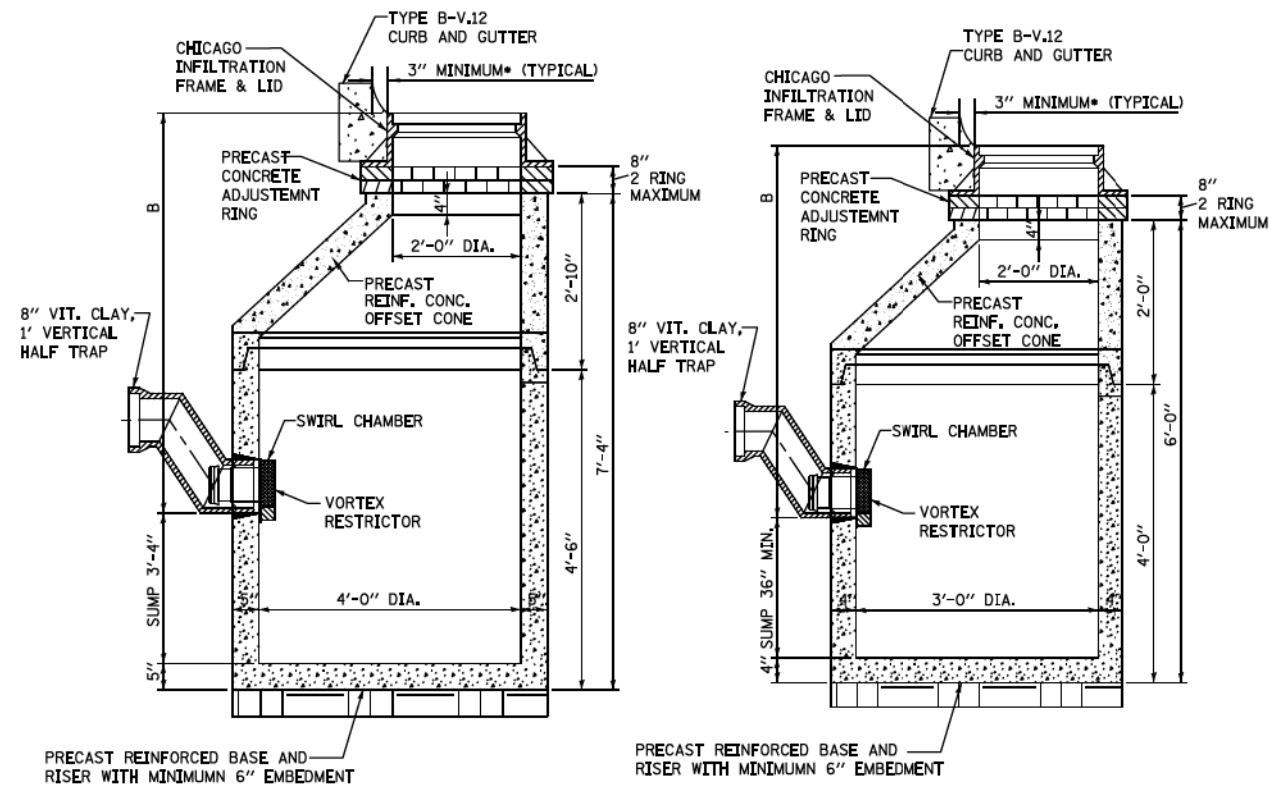
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DRAINAGE DETAILS
CHICAGO DEPARTMENT OF WATER MANAGEMENT

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

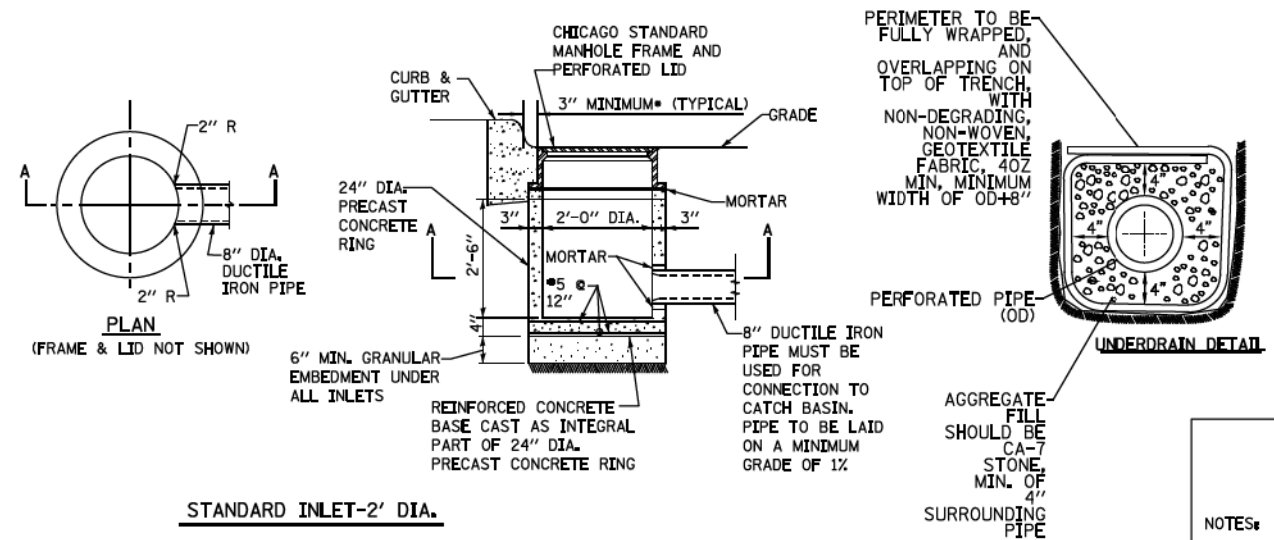
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SECTION: 2014-005R&B
COUNTY: COOK
TOTAL SHEETS: 888
SHEET NO.: 621
CONTRACT NO. 60X79
ILLINOIS FED. AID PROJECT

STANDARD DRAINAGE STRUCTURES FOR PUBLIC STREETS



STANDARD CATCH BASIN-4' DIA.

STANDARD CATCH BASIN-3' DIA.



STANDARD INLET-2' DIA.

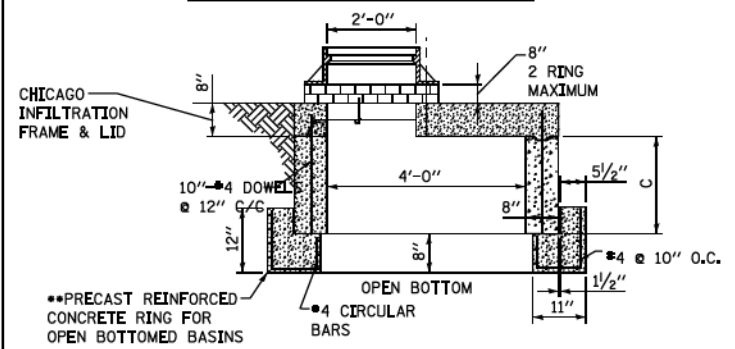
NOTE:
INLETS AND 3' DIAMETER CATCH BASINS ARE TO BE USED ONLY WITH PRIOR APPROVAL OF DWM SEWER ENGINEER OR FIELD INSPECTOR.

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

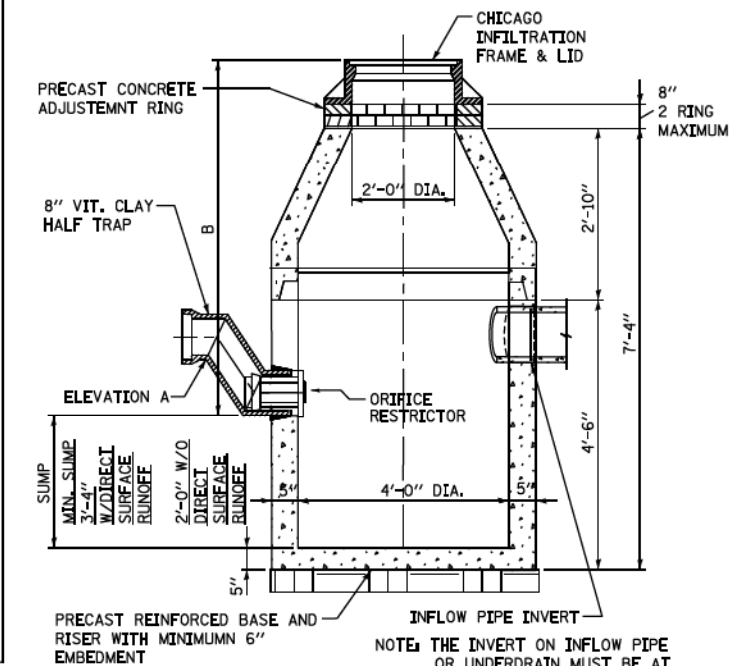
STANDARD DRAINAGE STRUCTURES FOR PUBLIC ALLEYS



GREEN ALLEY OPEN BOTTOM CATCH BASIN
TO BE USED IF STANDARD CONE WITH REQUIRED SUMP DEPTH INSTALLATION IS IMPOSSIBLE.

*IF FLAT TOP SLAB CATCH BASIN IS USED IN AN OPEN BOTTOM APPLICATION, THE FOLLOWING CRITERIA MUST BE FOLLOWED:

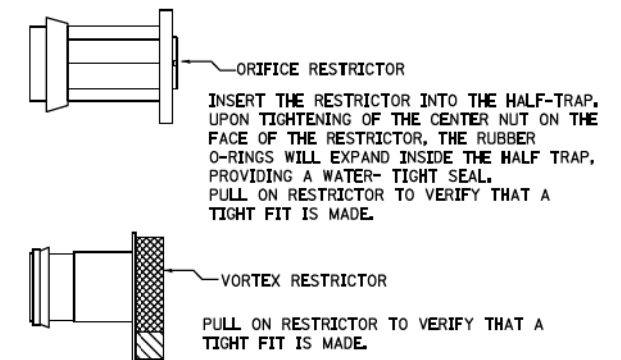
- "C" MUST BE A MINIMUM OF 3 FEET.
- PROVIDE A MINIMUM AGGREGATE BASE OF 1.0 FEET BELOW PRECAST REINFORCED CONCRETE RING.
- GEOTECH FABRIC MUST BE PLACED ON SIDES AND BOTTOM OF AGGREGATE SURROUNDING BASIN.
- AGGREGATE BASE MUST PROVIDE ADEQUATE STORMWATER STORAGE CAPACITY PER THE APPROVED/PERMITTED PLANS.



CATCH BASIN-ORIFICE RESTRICTOR
N.T.S.

- NOTES:**
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:**
1. CATCH BASIN TO CATCH BASIN CONNECTIONS ARE ALLOWED IN PRIVATE SITES & ALLEYS. ONLY THE DOWNSTREAM CATCH BASIN IS REQUIRED TO HAVE A HALF-TRAP.
 2. IF B < 4 FEET, THEN USE A DUCTILE IRON PIPE HALF TRAP AND FLAT TOP SLAB CATCH BASIN AS NECESSARY.
 3. 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
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CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT BUREAU OF ENGINEERING SERVICES	
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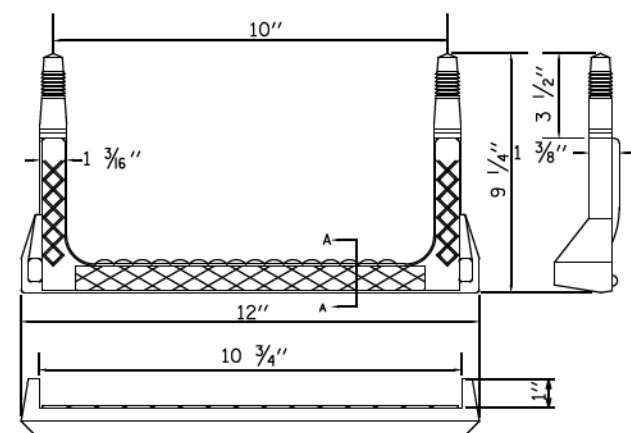
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
CHICAGO DEPARTMENT OF WATER MANAGEMENT

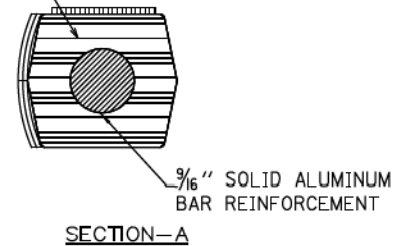
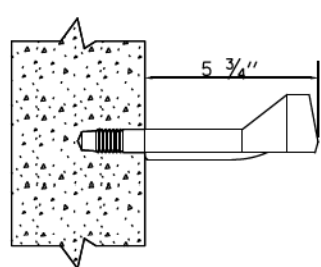
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90/94/290	2014-005R&B	COOK	888	622
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

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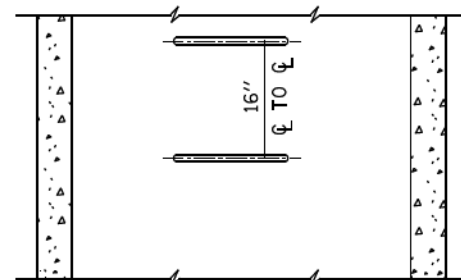
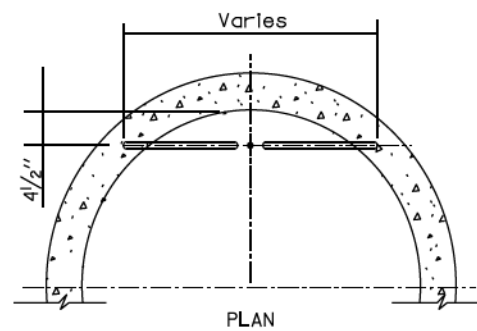


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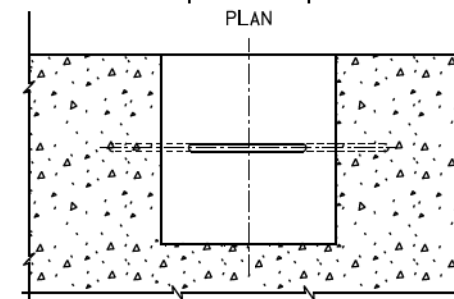
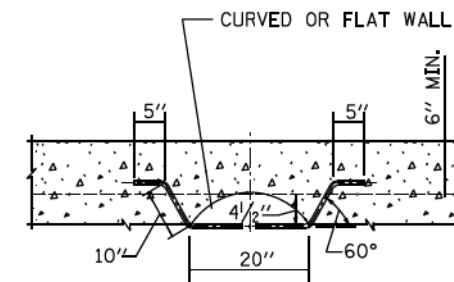


RECTANGULAR STEP LADDER RUNG

FOR USE ONLY IN 48" DIAMETER AND LARGER MANHOLES.



ELEVATION TYPE X



ELEVATION TYPE Y

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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CITY OF CHICAGO			
DEPARTMENT OF WATER MANAGEMENT			
BUREAU OF ENGINEERING SERVICES			
LADDER RUNGS			

DATE



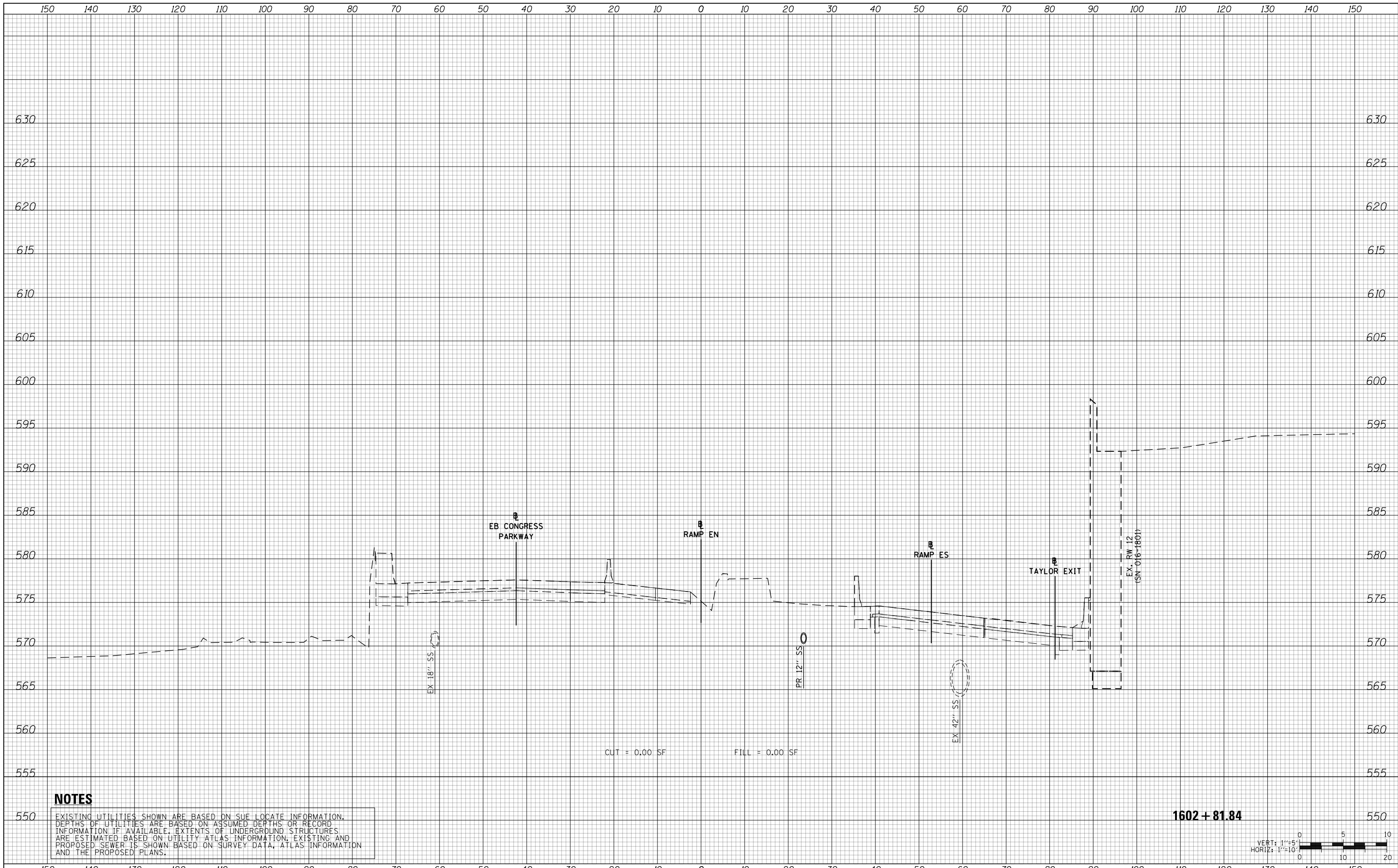
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
CHICAGO DEPARTMENT OF WATER MANAGEMENT

F.A.I. RTE. 90/94/290	SECTION 2014-005R&B	COUNTY COOK	TOTAL SHEETS 888	SHEET NO. 623
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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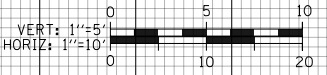
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NOTES

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.

1602 + 81.84



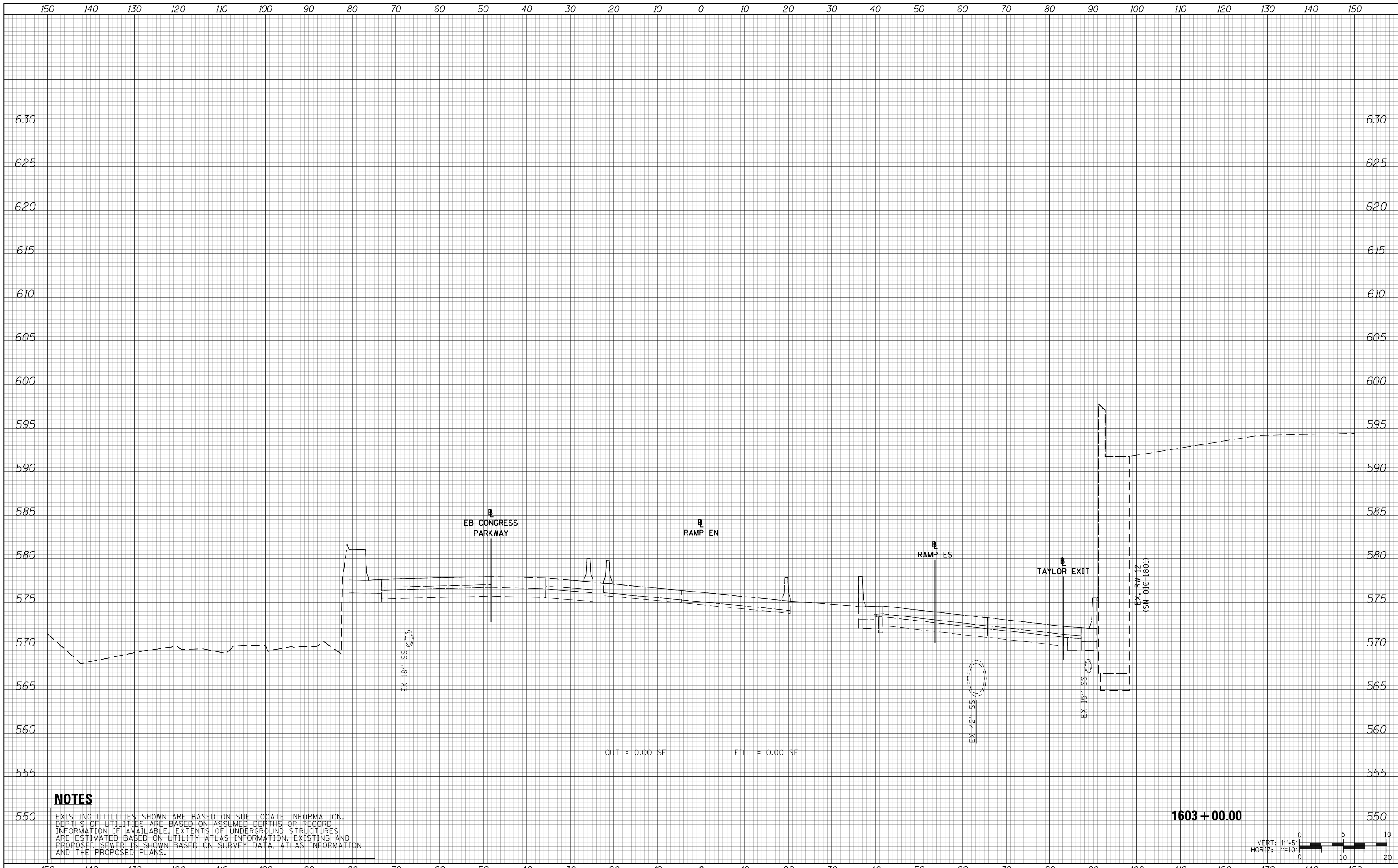
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10:H 5:V SHEET 1 OF 29 SHEETS STA. 1602+81.84 TO STA. 1602+81.84

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	624
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



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NOTES

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1603 + 00.00



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

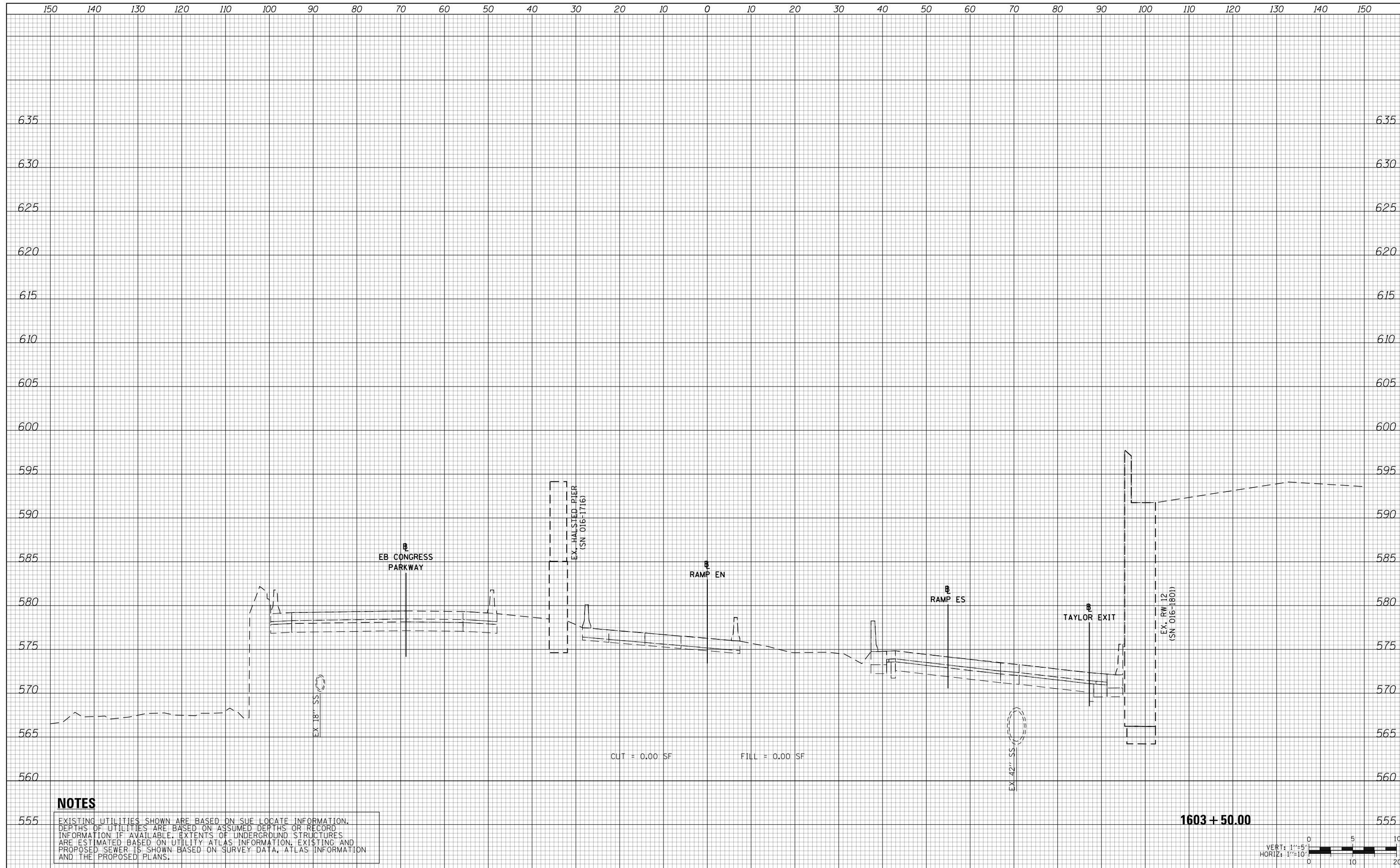
**CROSS SECTIONS
RAMP EN STAGE 1**

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	625
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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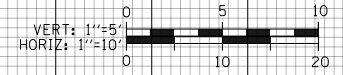


NOTES

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CUT = 0.00 SF FILL = 0.00 SF

1603 + 50.00



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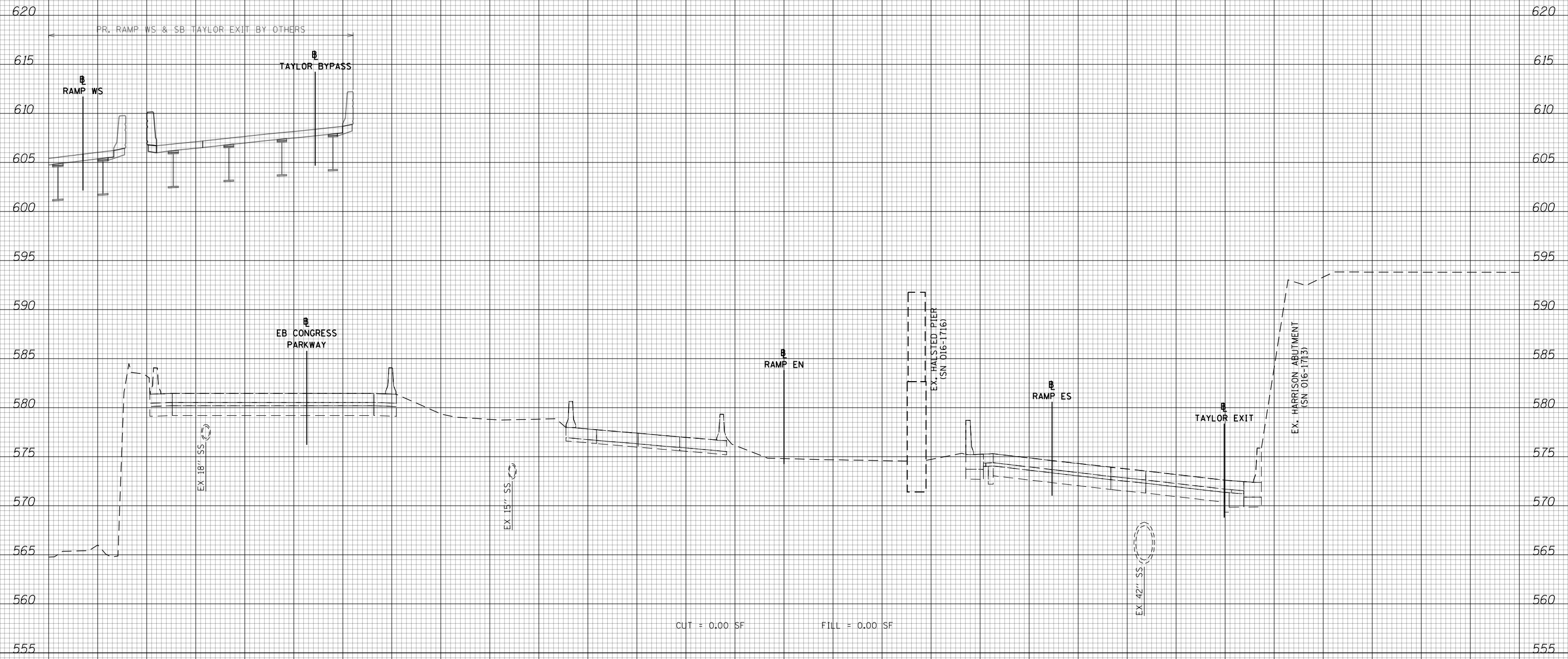
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10'H 5'V SHEET 3 OF 29 SHEETS STA. 1603+50.00 TO STA. 1603+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	626
				CONTRACT NO. 60X79
ILLINOIS FED. AID PROJECT				

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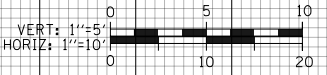


CUT = 0.00 SF FILL = 0.00 SF

1604 + 00.00

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.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP EN STAGE 1

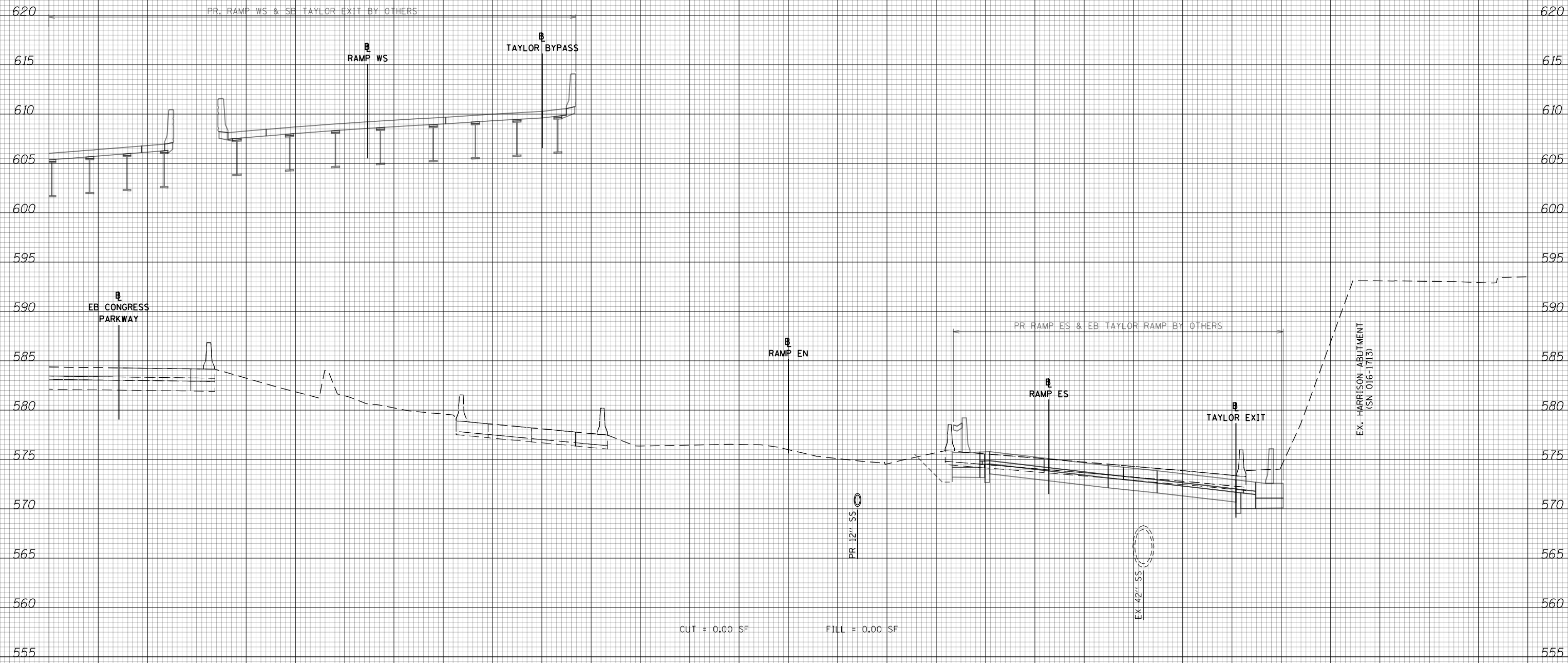
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	627
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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1604 + 50.00



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP EN STAGE 1

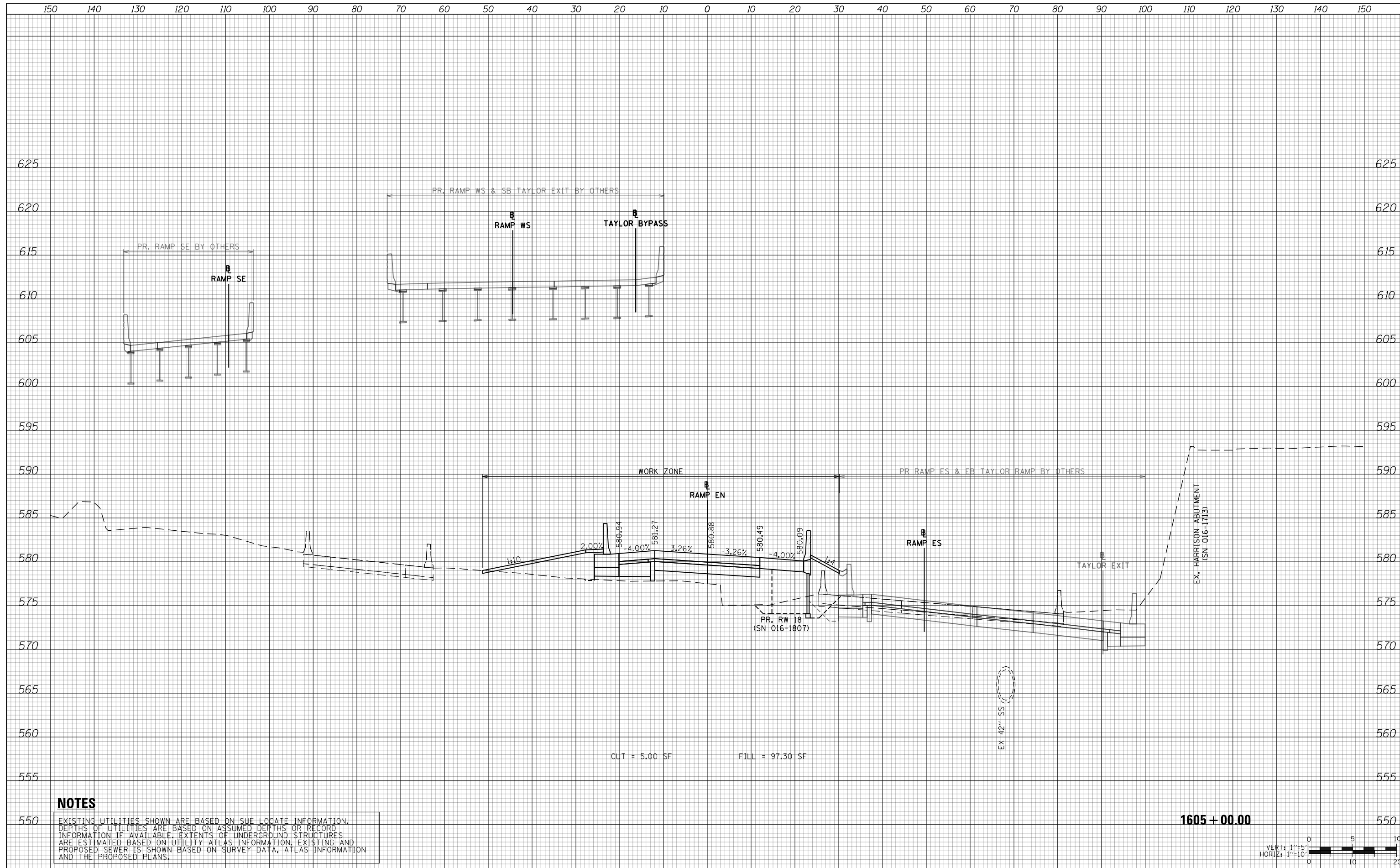
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	628
CONTRACT NO. 60X79				

ILLINOIS FED. AID PROJECT

DATE	
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1605 + 00.00



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

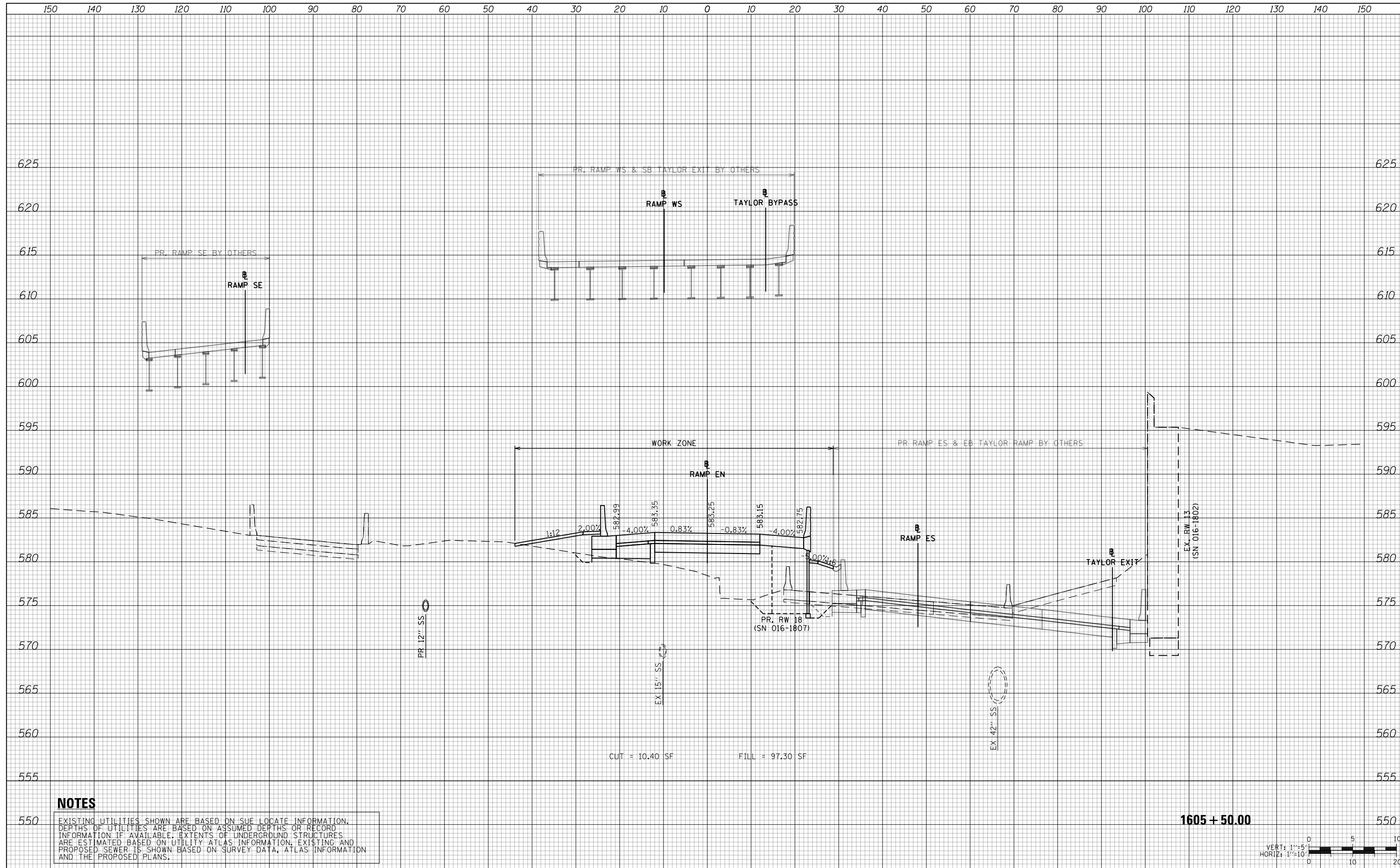
CROSS SECTIONS
RAMP EN STAGE 1

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	629
				CONTRACT NO. 60X79
ILLINOIS FED. AID PROJECT				

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

DATE	
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ORIGINAL SURVEY NO.	
SURVEYED PLOTTED TEMPLATE AREAS CHECKED	
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.

1605 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

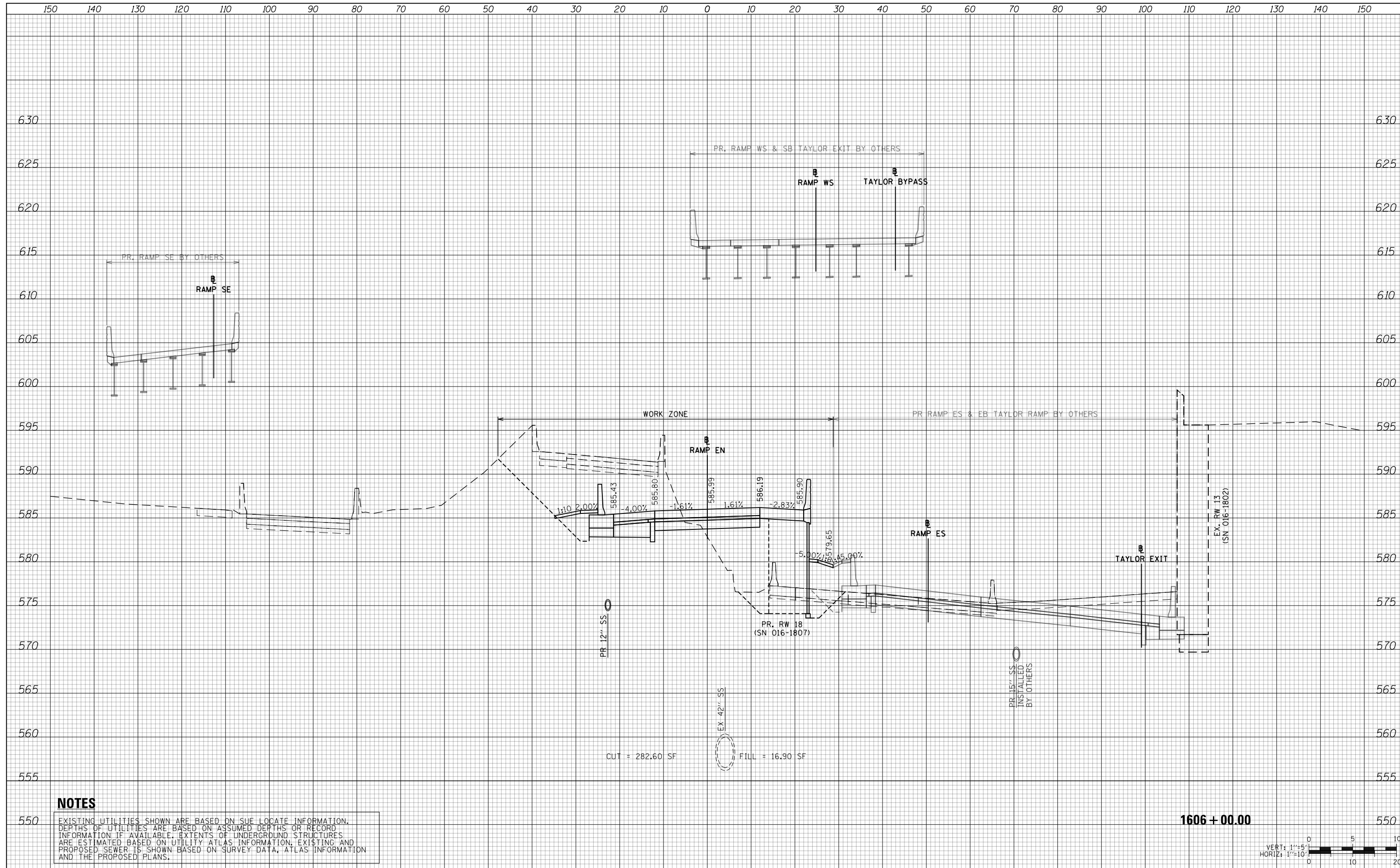
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10:H 5:V SHEET 7 OF 29 SHEETS STA. 1605+50.00 TO STA. 1605+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	630
CONTRACT NO. 60X79				
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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1606 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

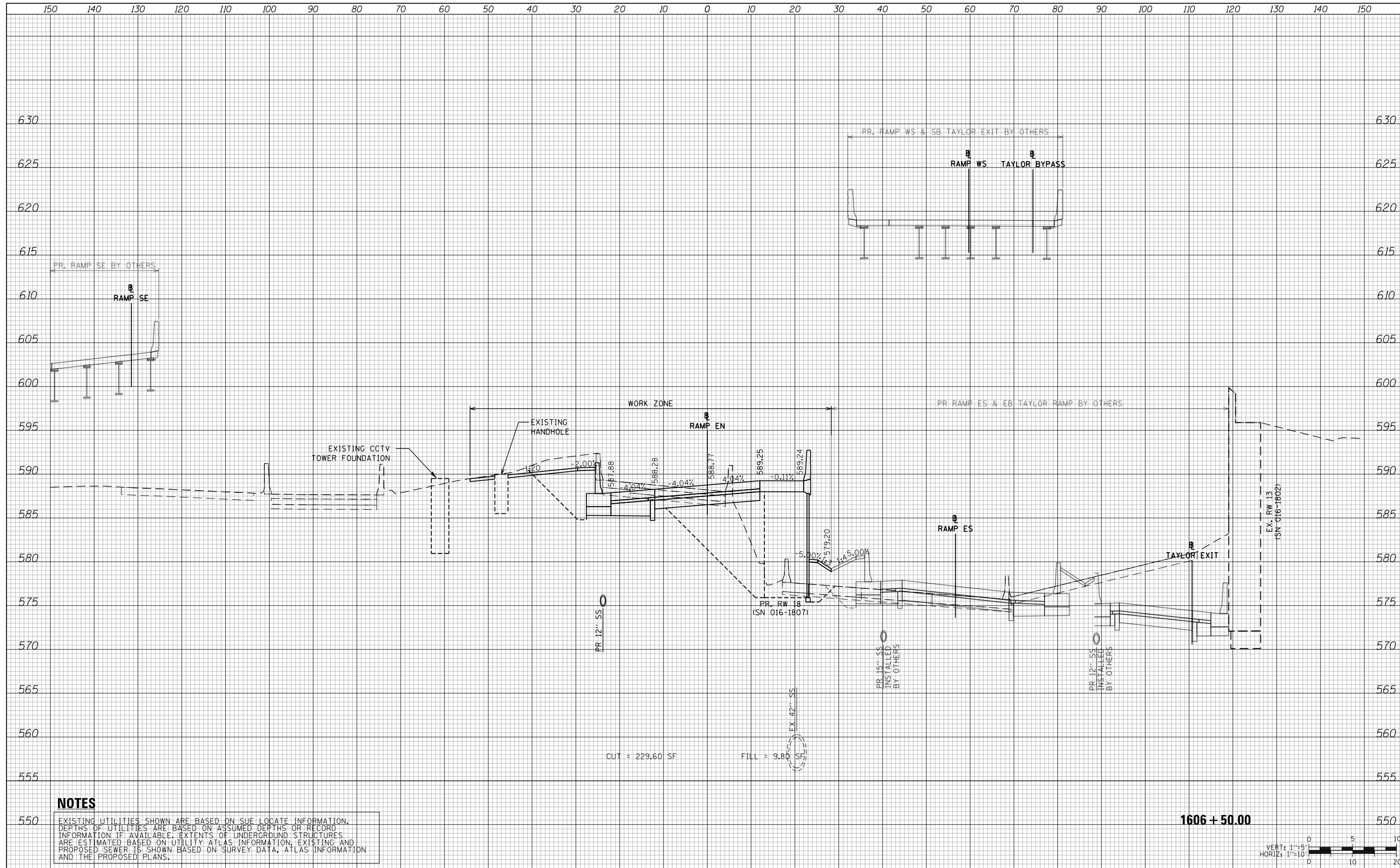
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10'H 5'V SHEET 8 OF 29 SHEETS STA. 1606+00.00 TO STA. 1606+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	631
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
NO. CHECKED	

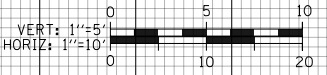
DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
NO. CHECKED	



NOTES

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1606 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

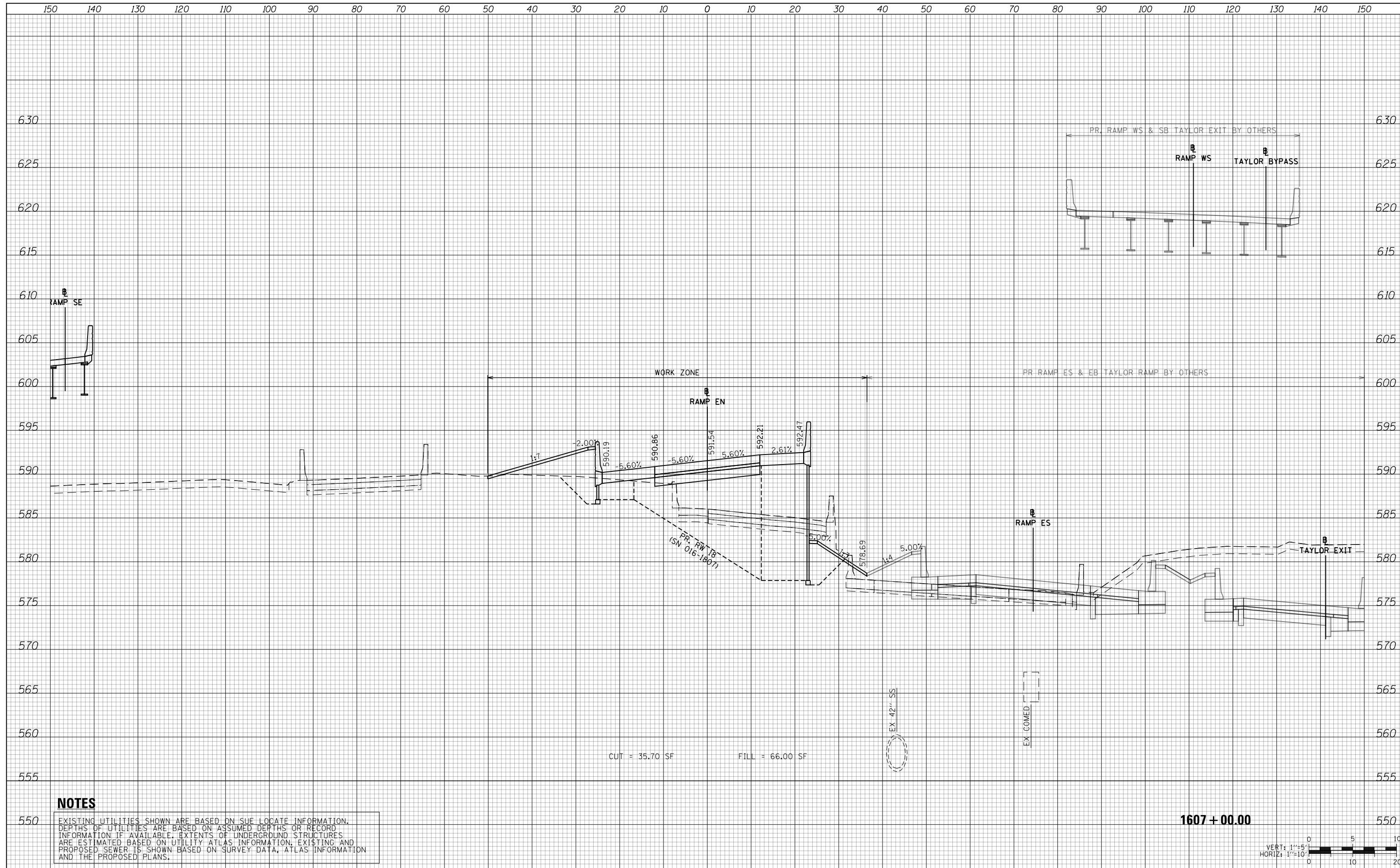
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10H 5:V SHEET 9 OF 29 SHEETS STA. 1606+50.00 TO STA. 1606+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	632
CONTRACT NO. 60X79				
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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1607 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

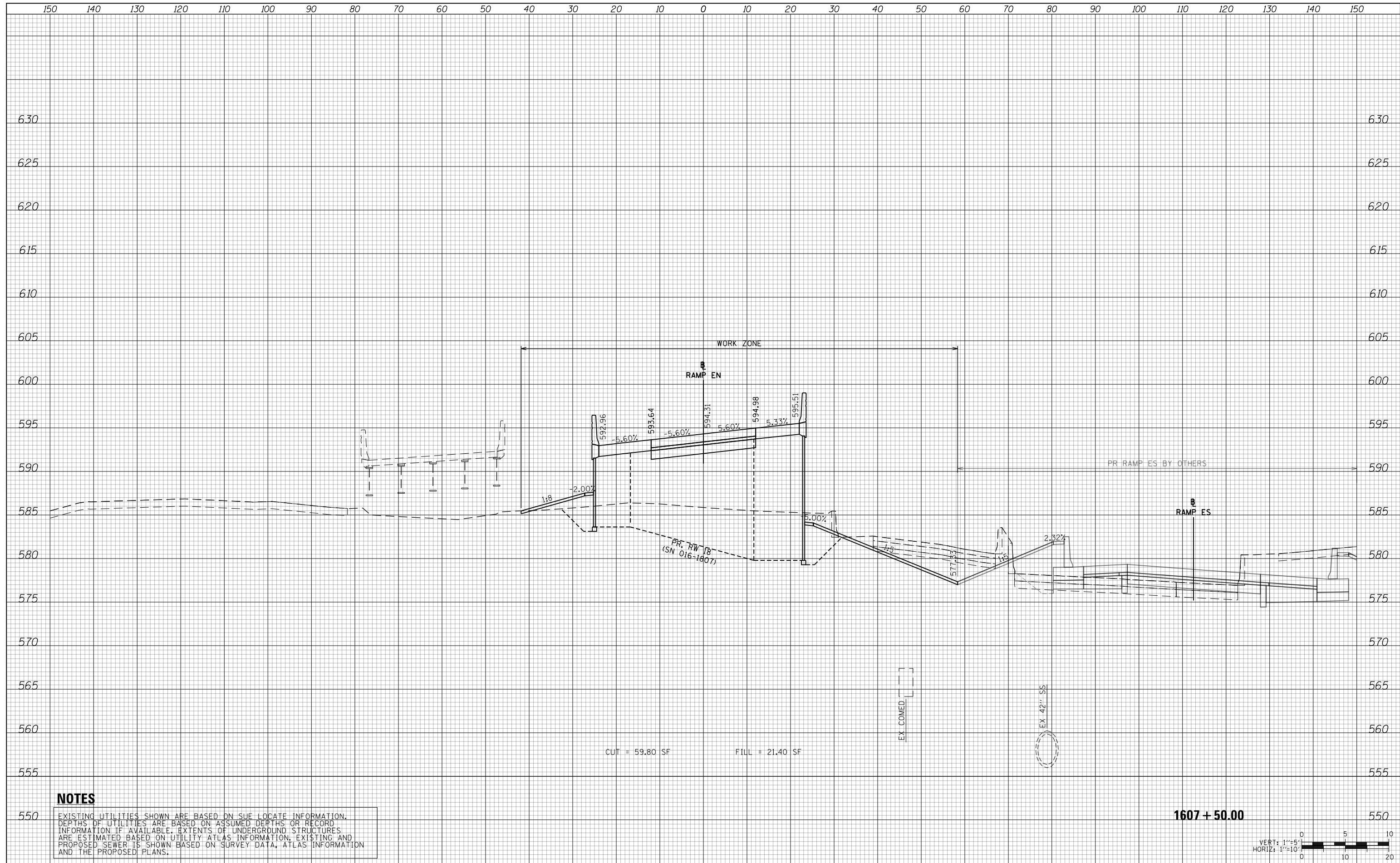
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10:H 5:V SHEET 10 OF 29 SHEETS STA. 1607+00.00 TO STA. 1607+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	633
CONTRACT NO. 60X79				
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.	



NOTES

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1607 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 1**

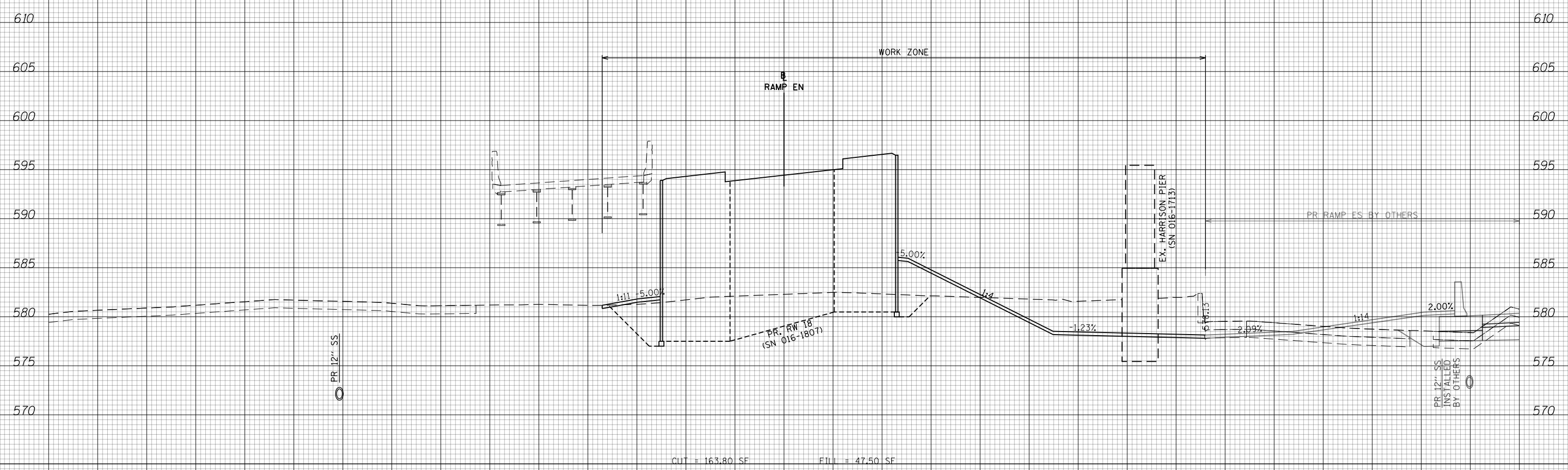
SCALE: 10:H 5:V SHEET 11 OF 29 SHEETS STA. 1607+50.00 TO STA. 1607+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	634
CONTRACT NO. 60X79				
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 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	

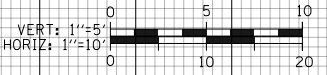


CUT = 163.80 SF FILL = 47.50 SF

NOTES

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1607 + 92.81



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

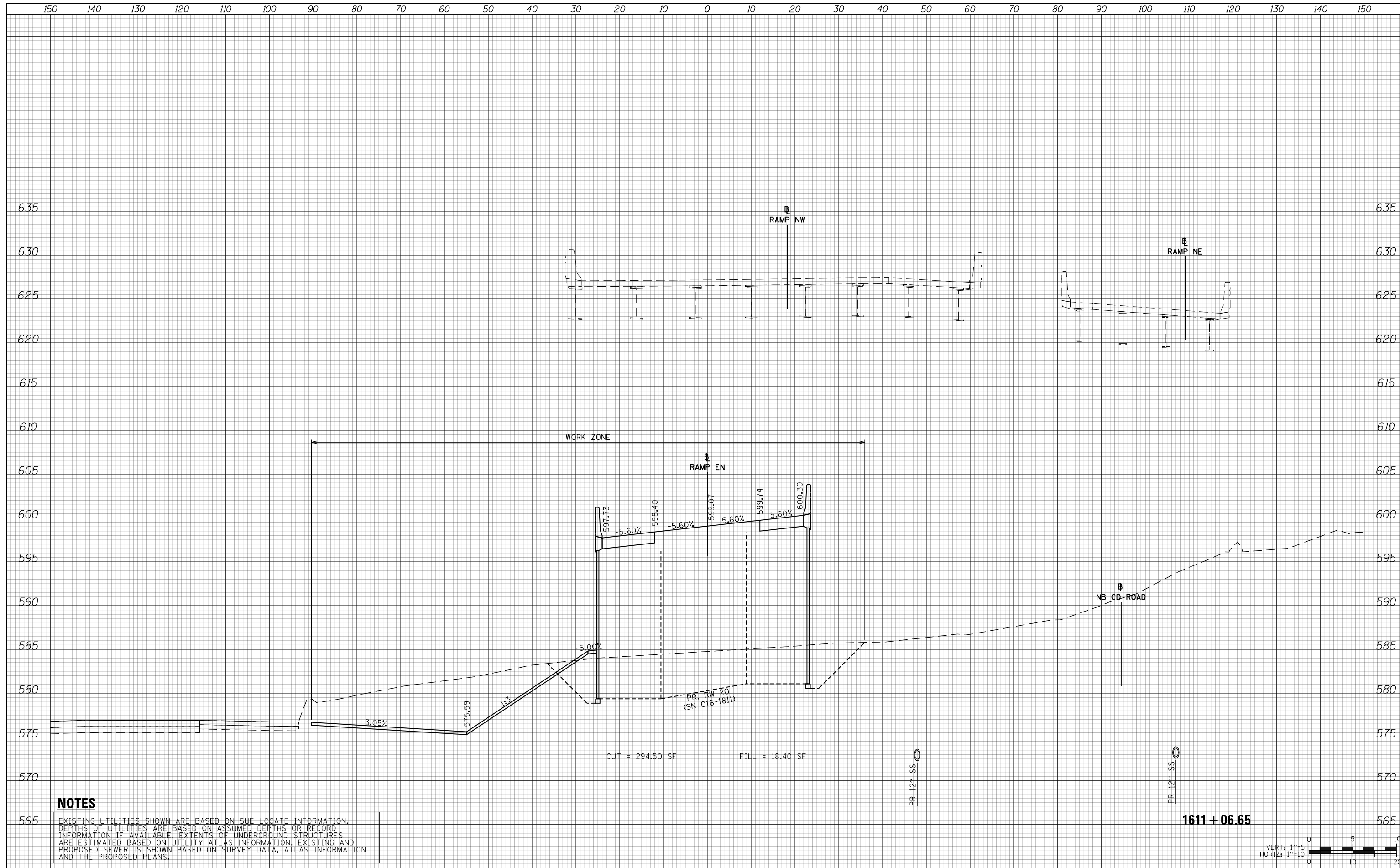
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10:H 5:V SHEET 12 OF 29 SHEETS STA. 1607+92.81 TO STA. 1607+92.81

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	635
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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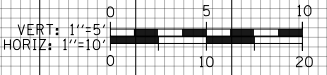
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



NOTES

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1611 + 06.65



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

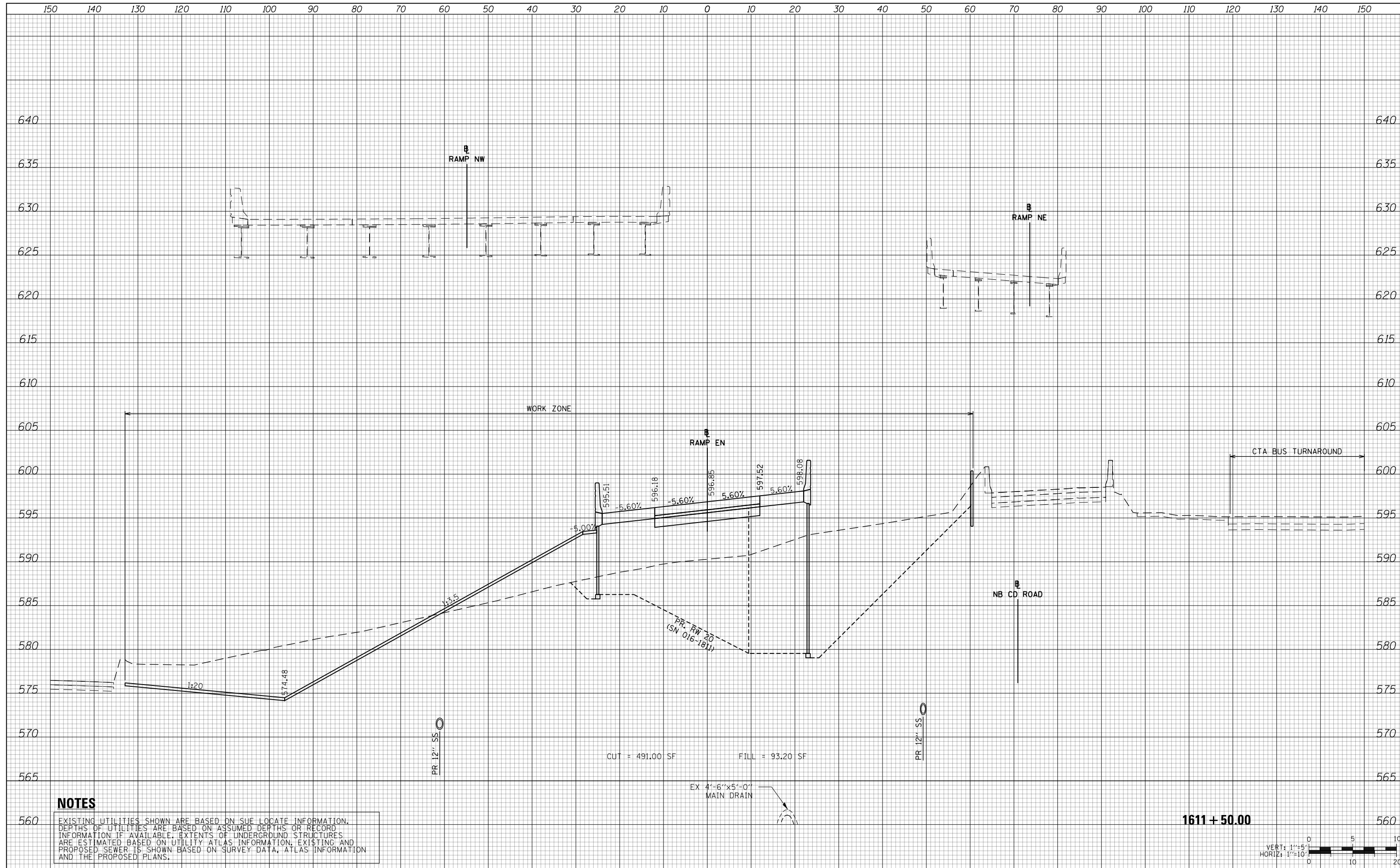
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10'H 5'V SHEET 13 OF 29 SHEETS STA. 1611+06.65 TO STA. 1611+06.65

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	636
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	



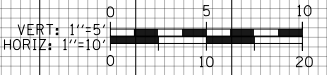
NOTES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 1**

1611 + 50.00



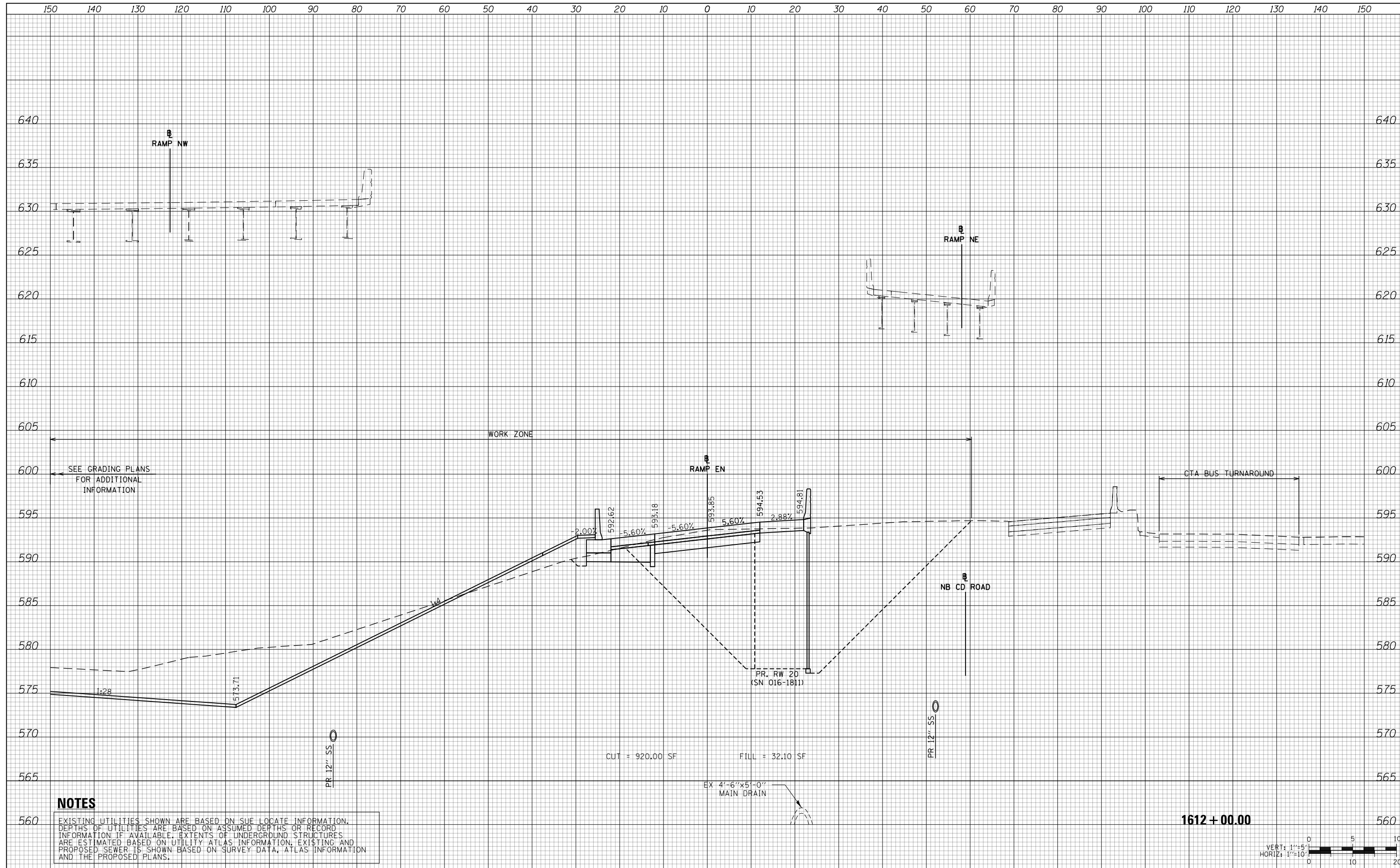
D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

SCALE: 10'H 5'V SHEET 14 OF 29 SHEETS STA. 1611+50.00 TO STA. 1611+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	637
				CONTRACT NO. 60X79
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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1612 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 1**

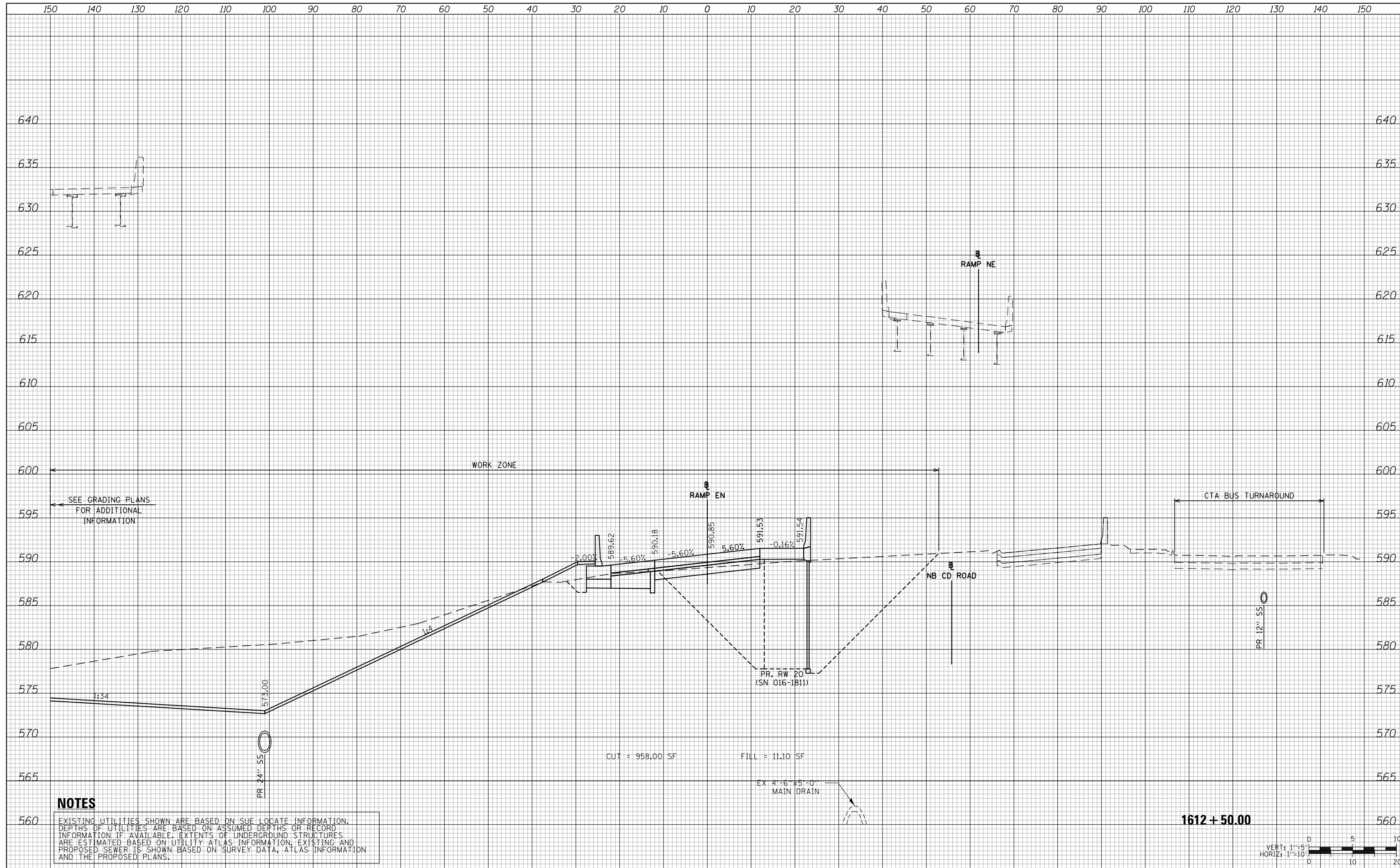
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	638
				CONTRACT NO. 60X79

SCALE: 10:H 5:V SHEET 15 OF 29 SHEETS STA. 1612+00.00 TO STA. 1612+00.00

ILLINOIS FED. AID PROJECT

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

DATE	
BY	
SURVEYED	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	



NOTES

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1612 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 1**

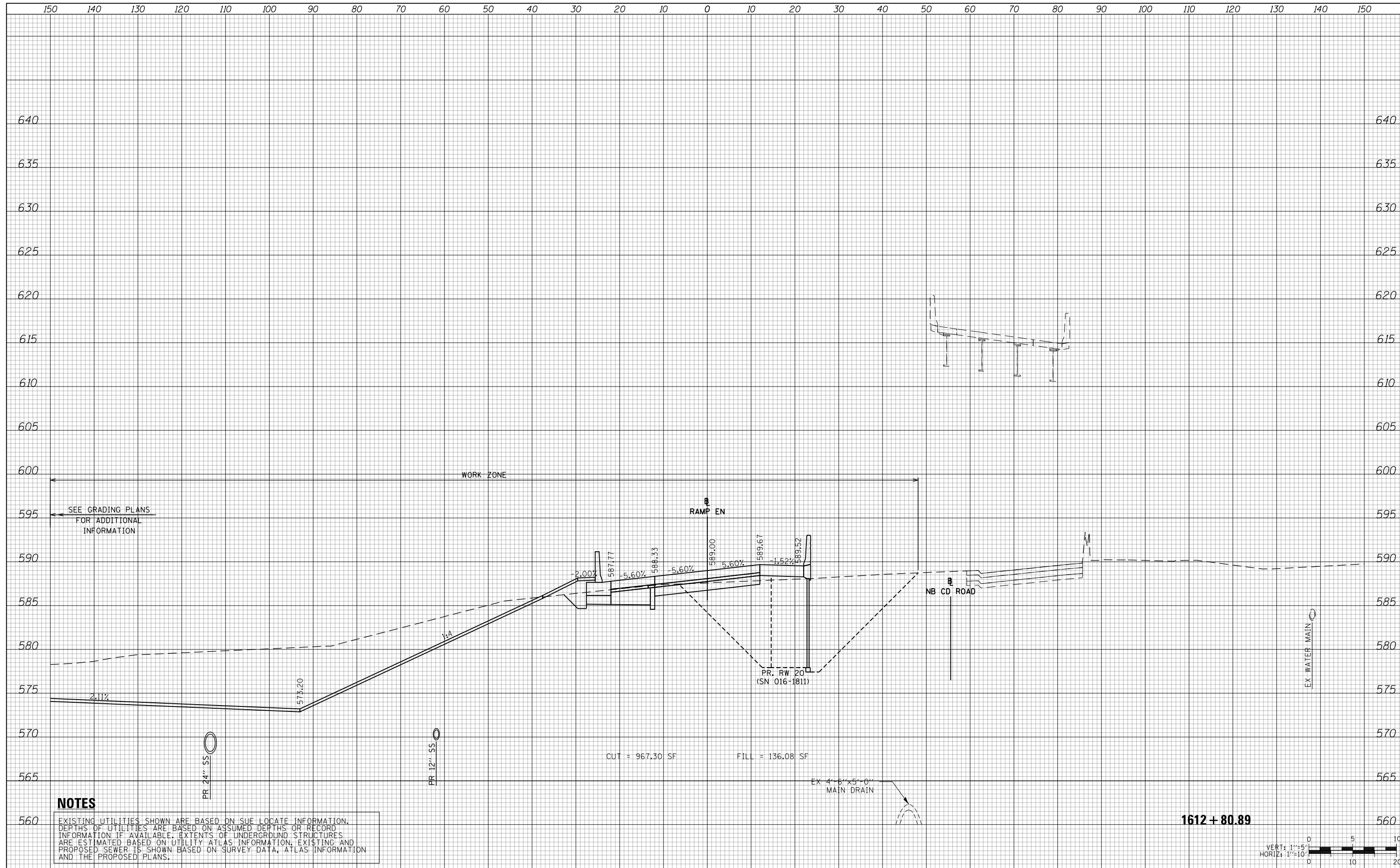
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	639
				CONTRACT NO. 60X79

SCALE: 10:H 5:V SHEET 16 OF 29 SHEETS STA. 1612+50.00 TO STA. 1612+50.00

ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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FINAL SURVEY	
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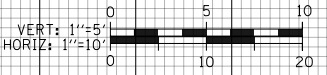
DATE	
BY	
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PLOTTED	
TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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1612 + 80.89



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

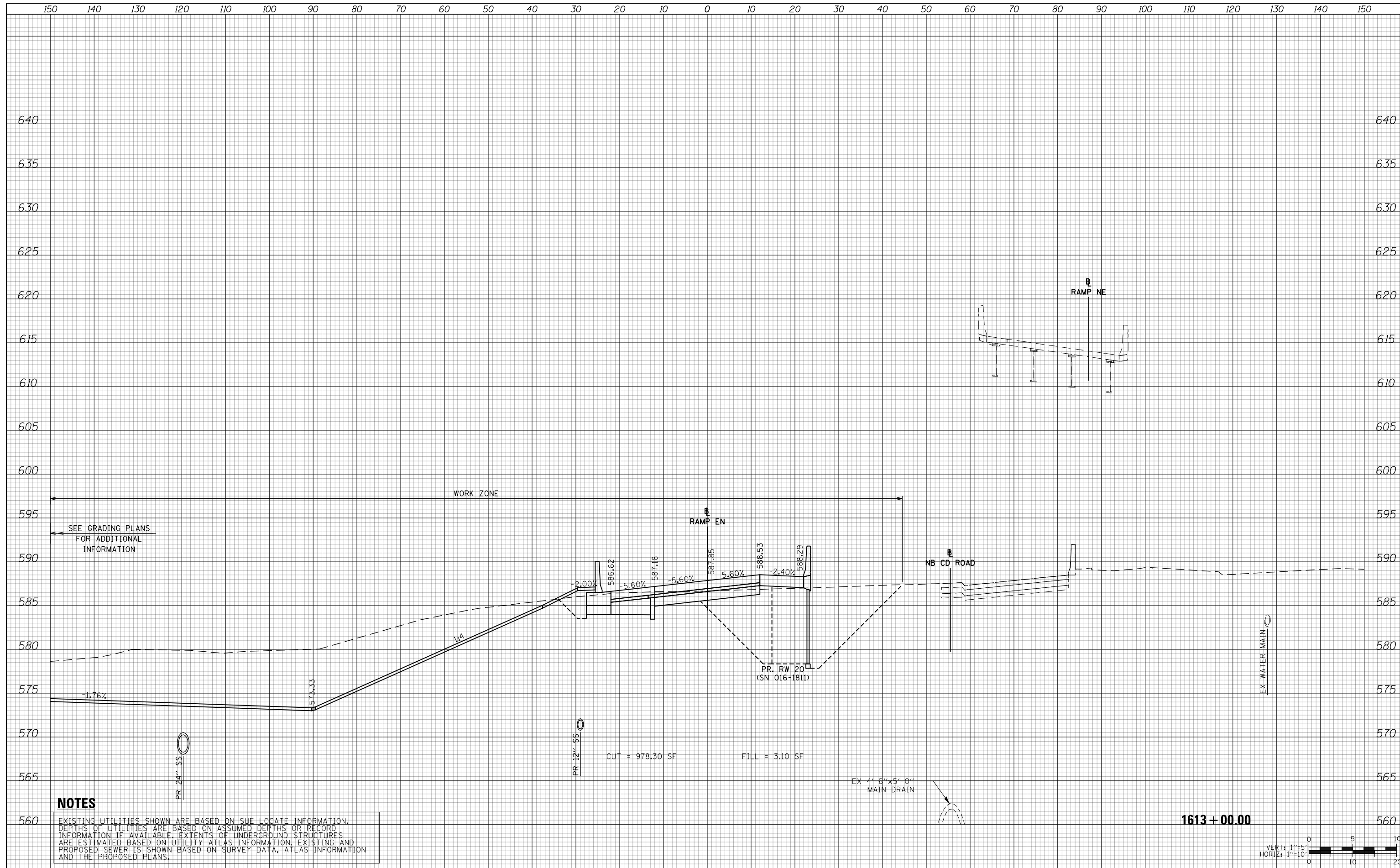
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10'H 5'V SHEET 17 OF 29 SHEETS STA. 1612+80.89 TO STA. 1612+80.89

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	640
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

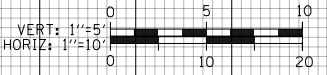
DATE	
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SURVEYED	
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TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
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CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



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1613 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

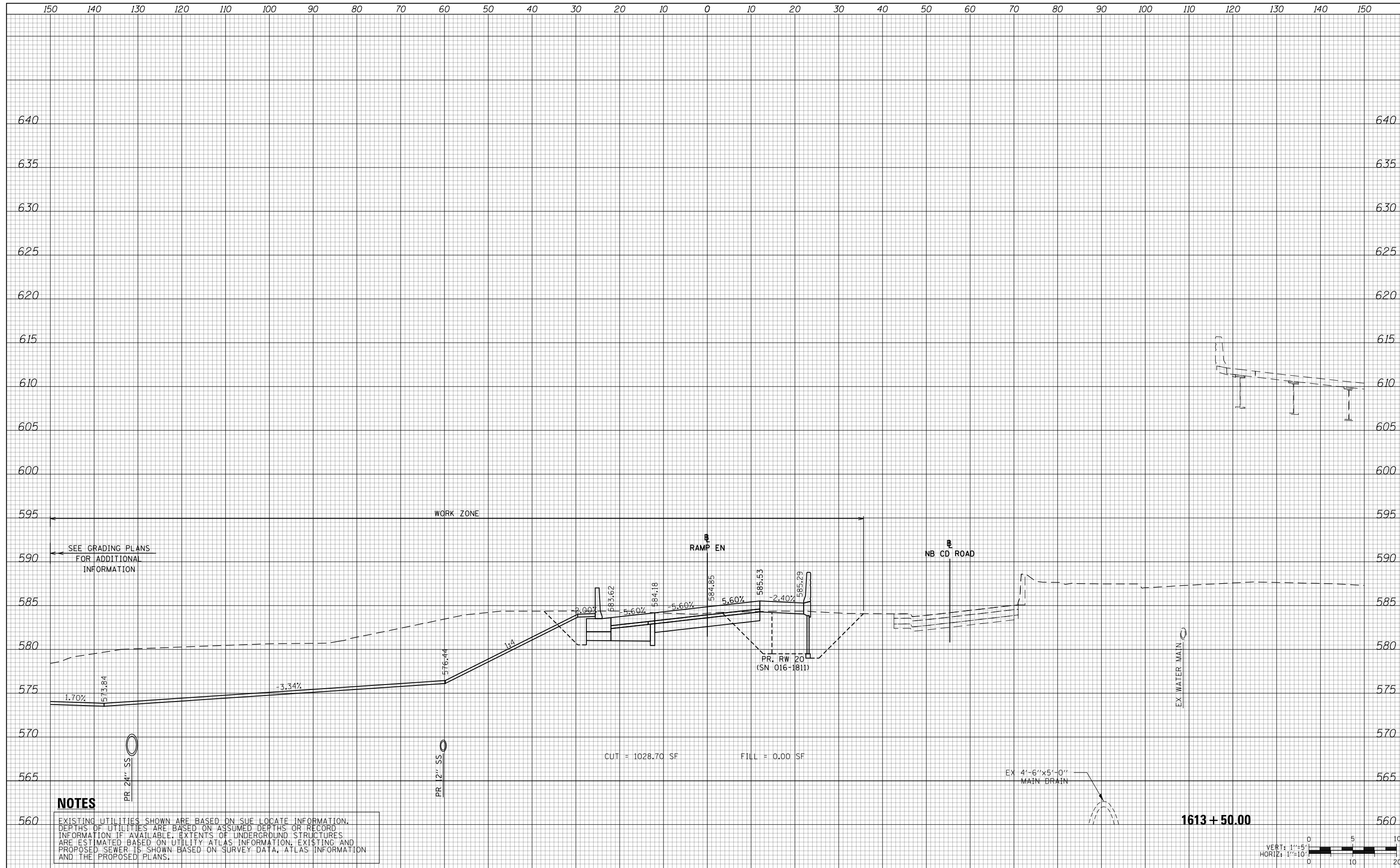
**CROSS SECTIONS
 RAMP EN STAGE 1**

SCALE: 10:H 5:V SHEET 18 OF 29 SHEETS STA. 1613+00.00 TO STA. 1613+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	641
CONTRACT NO. 60X79				
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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D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP EN STAGE 1**

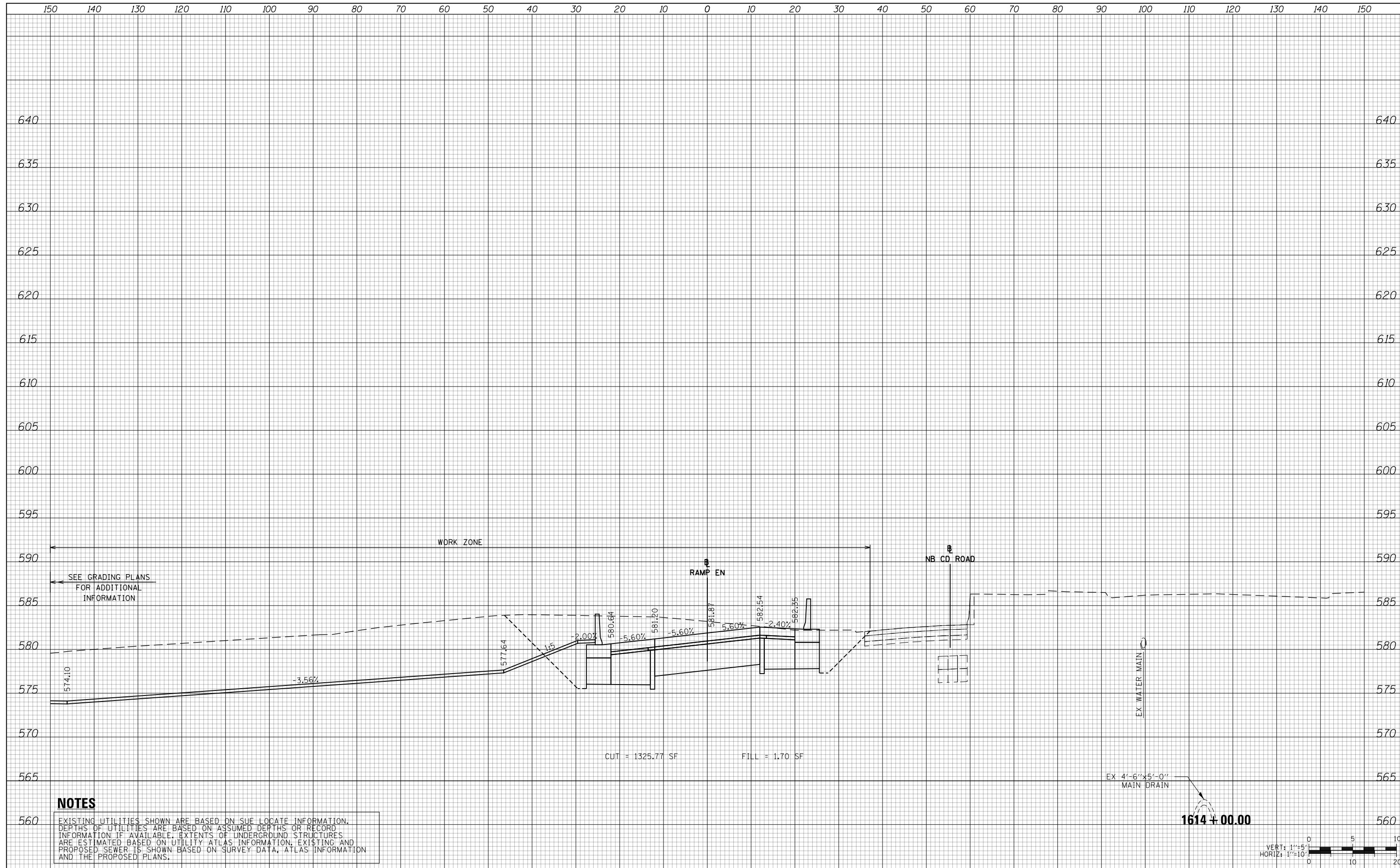
SCALE: 10:H 5:V SHEET 19 OF 29 SHEETS STA. 1613+50.00 TO STA. 1613+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	642
CONTRACT NO. 60X79				

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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D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

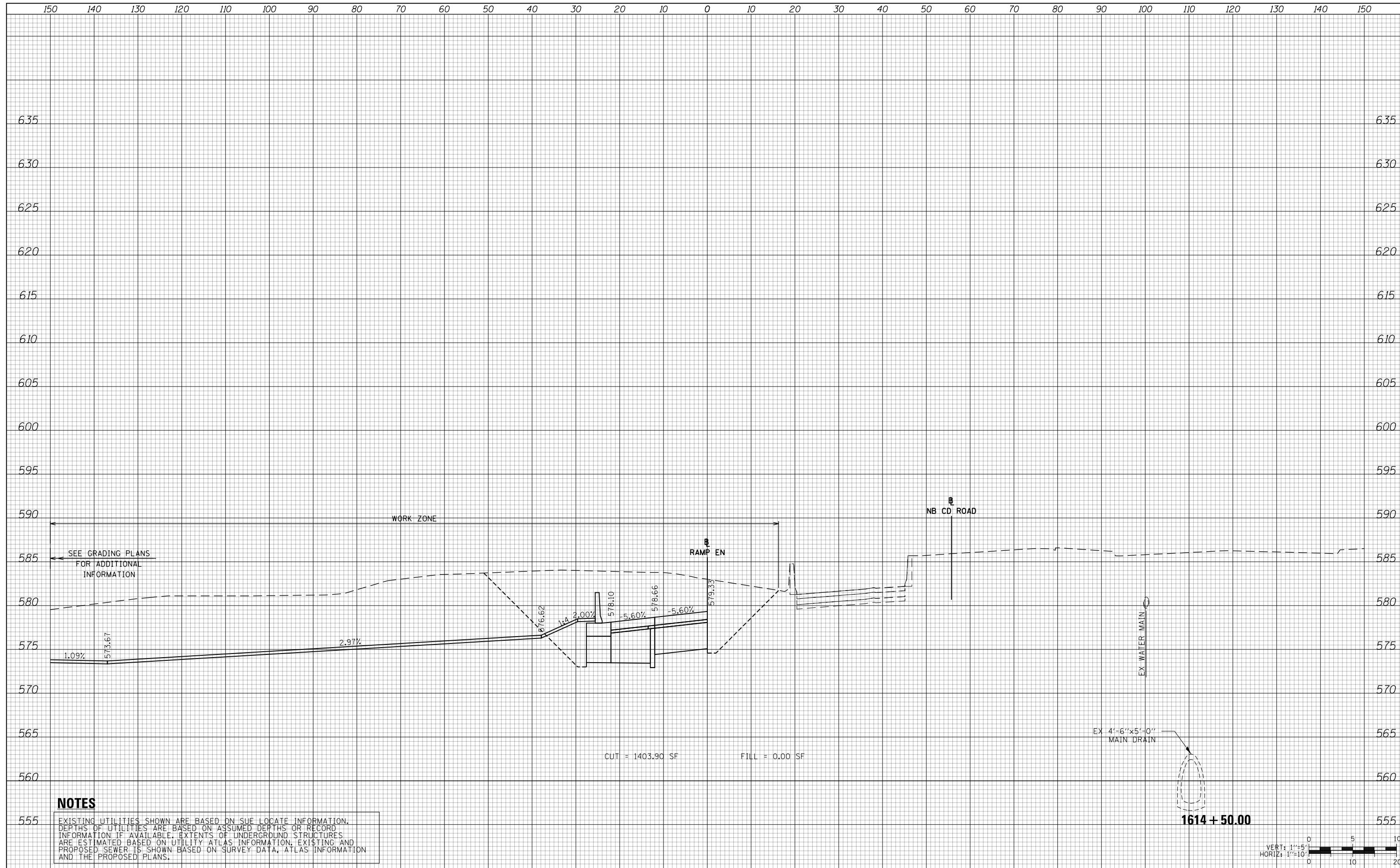
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10'H 5'V SHEET 20 OF 29 SHEETS STA. 1614+00.00 TO STA. 1614+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	643
				CONTRACT NO. 60X79
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.



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 1**

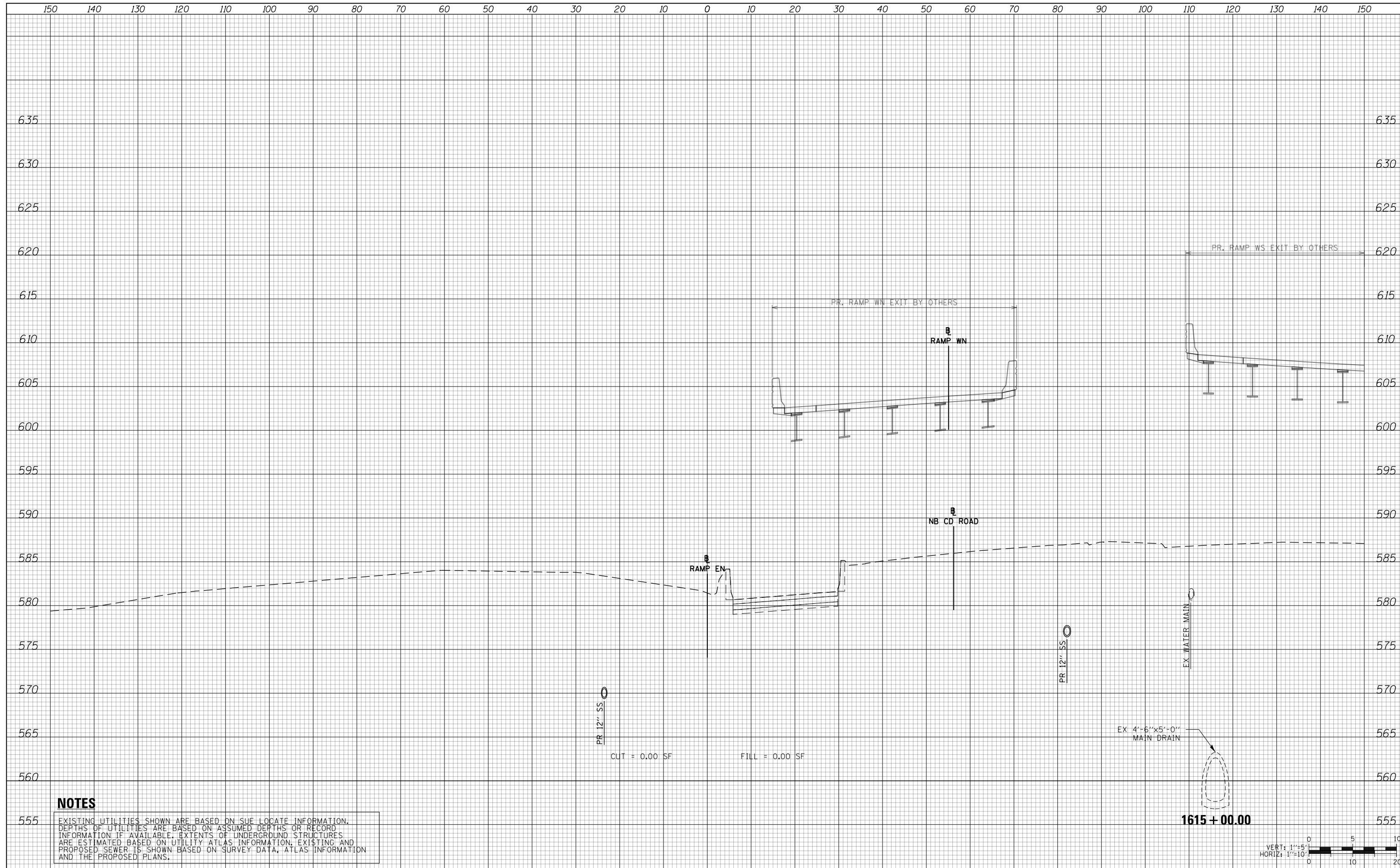
SCALE: 10'H 5'V SHEET 21 OF 29 SHEETS STA. 1614+50.00 TO STA. 1614+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	644
CONTRACT NO. 60X79				

ILLINOIS FED. AID PROJECT

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

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



NOTES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 1**



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

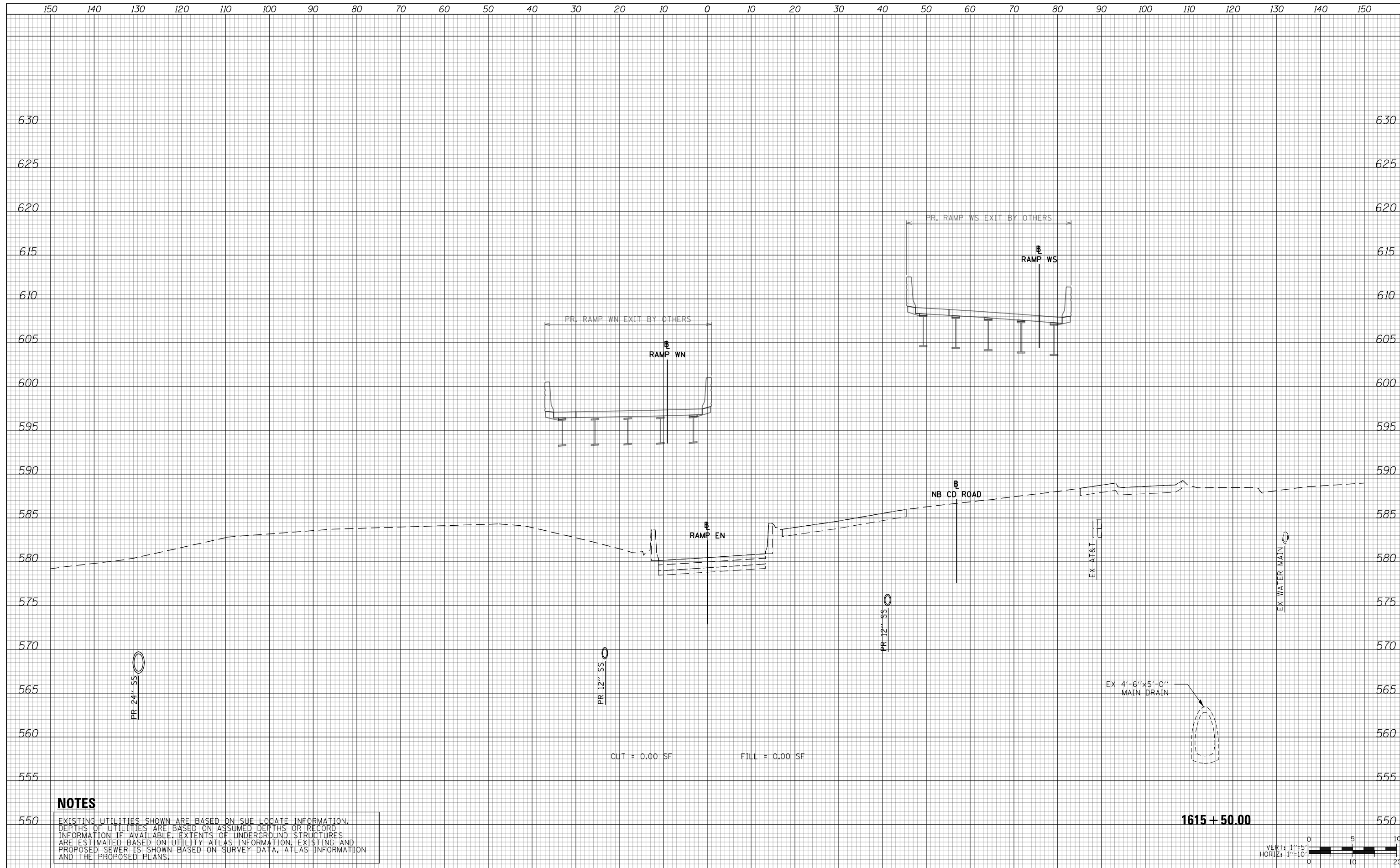
SCALE: 10'H 5'V SHEET 22 OF 29 SHEETS STA. 1615+00.00 TO STA. 1615+00.00



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	645
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

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



NOTES

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1615 + 50.00



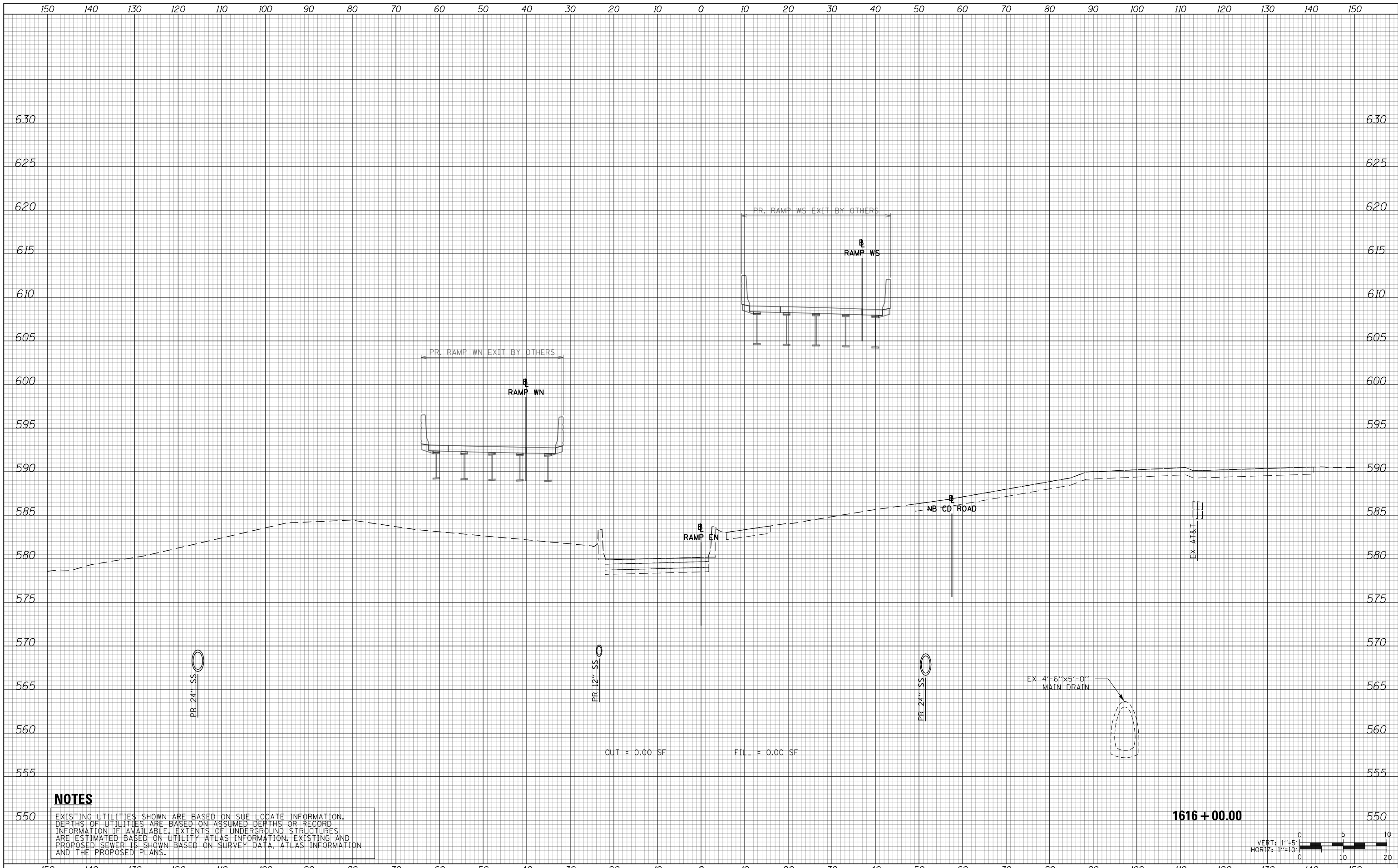
D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10:H 5:V SHEET 23 OF 29 SHEETS STA. 1615+50.00 TO STA. 1615+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	646
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



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

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

NOTES

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1616 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

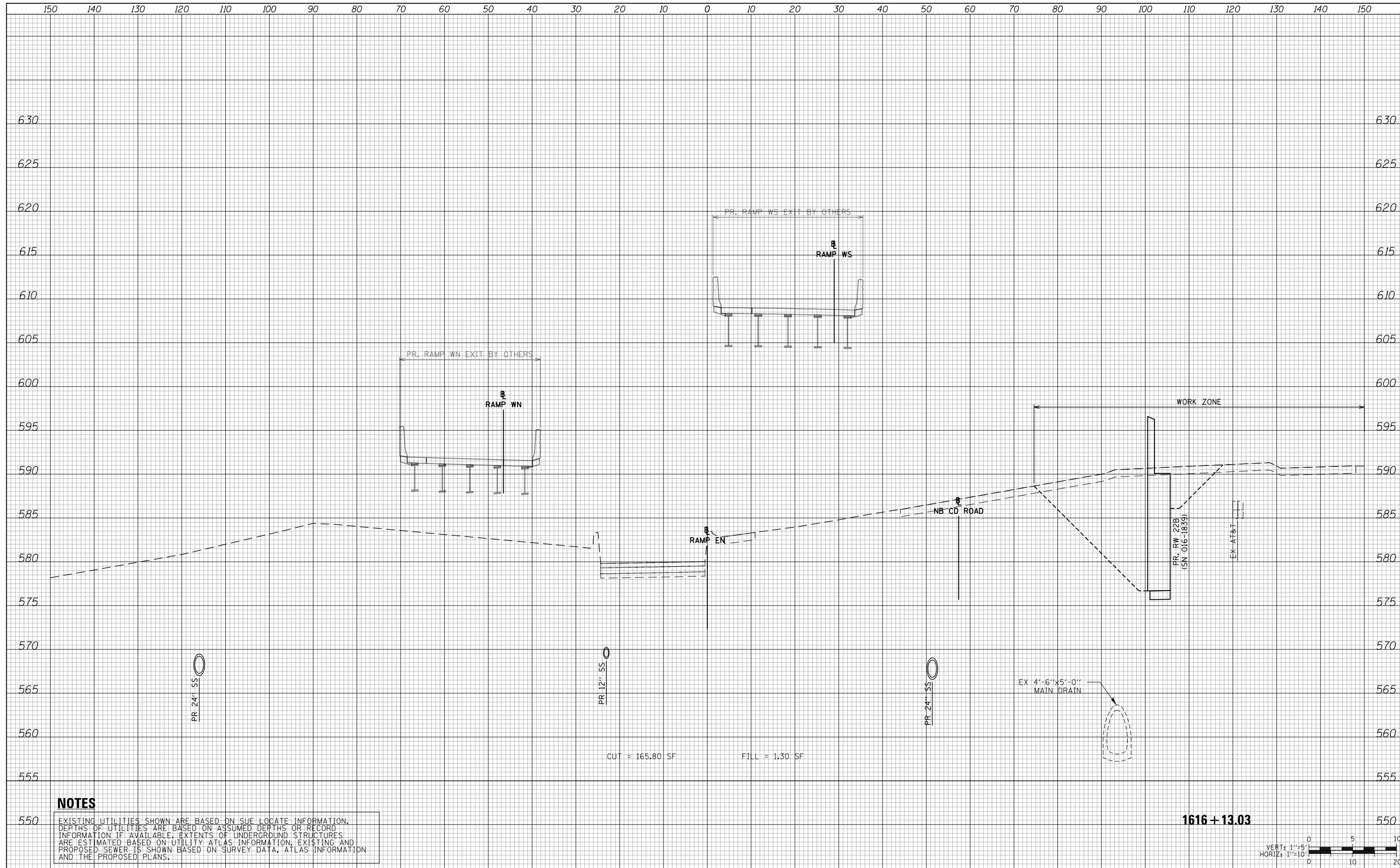
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10:H 5:V SHEET 24 OF 29 SHEETS STA. 1616+00.00 TO STA. 1616+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	647
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
NO.	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

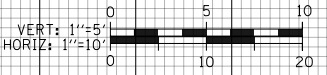
DATE	
BY	
NO.	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



NOTES

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1616 + 13.03



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

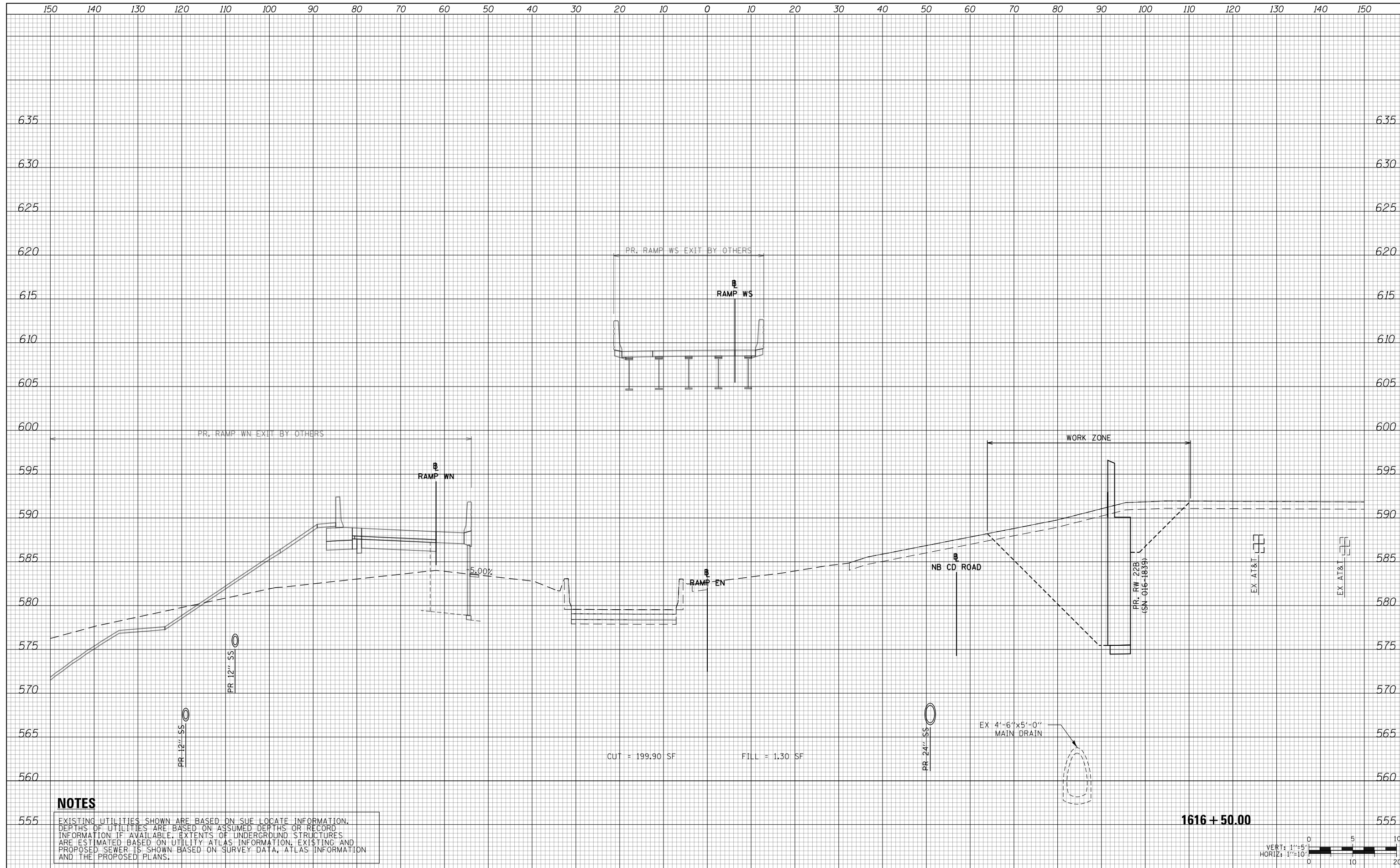
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10:H 5:V SHEET 25 OF 29 SHEETS STA. 1616+13.03 TO STA. 1616+13.03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	648
CONTRACT NO. 60X79				
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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1616 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

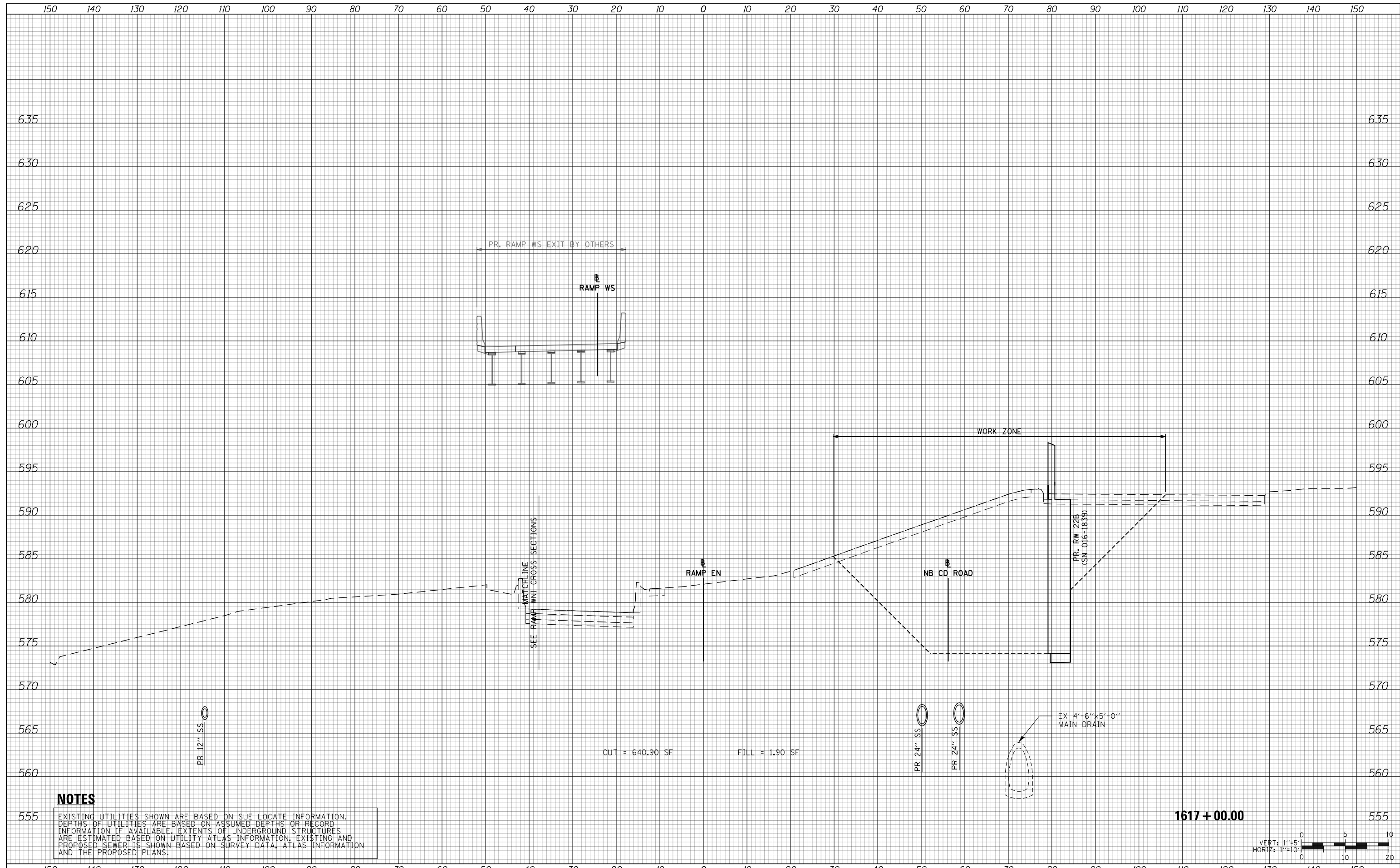
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10:H 5:V SHEET 26 OF 29 SHEETS STA. 1616+50.00 TO STA. 1616+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	649
				CONTRACT NO. 60X79

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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1617 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

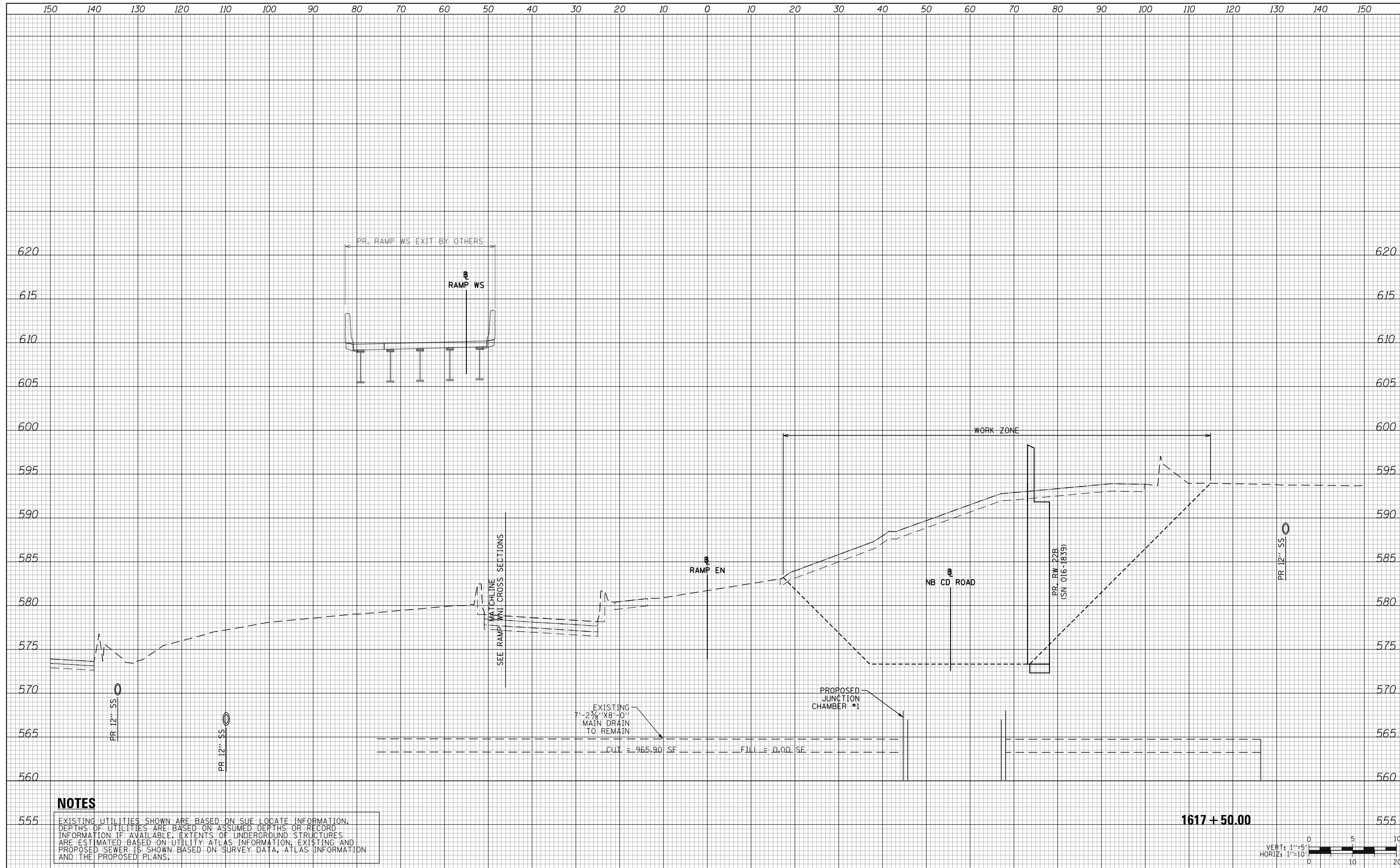
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10'H 5'V SHEET 27 OF 29 SHEETS STA. 1617+00.00 TO STA. 1617+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	650
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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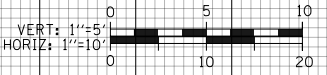
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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NOTES

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1617 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

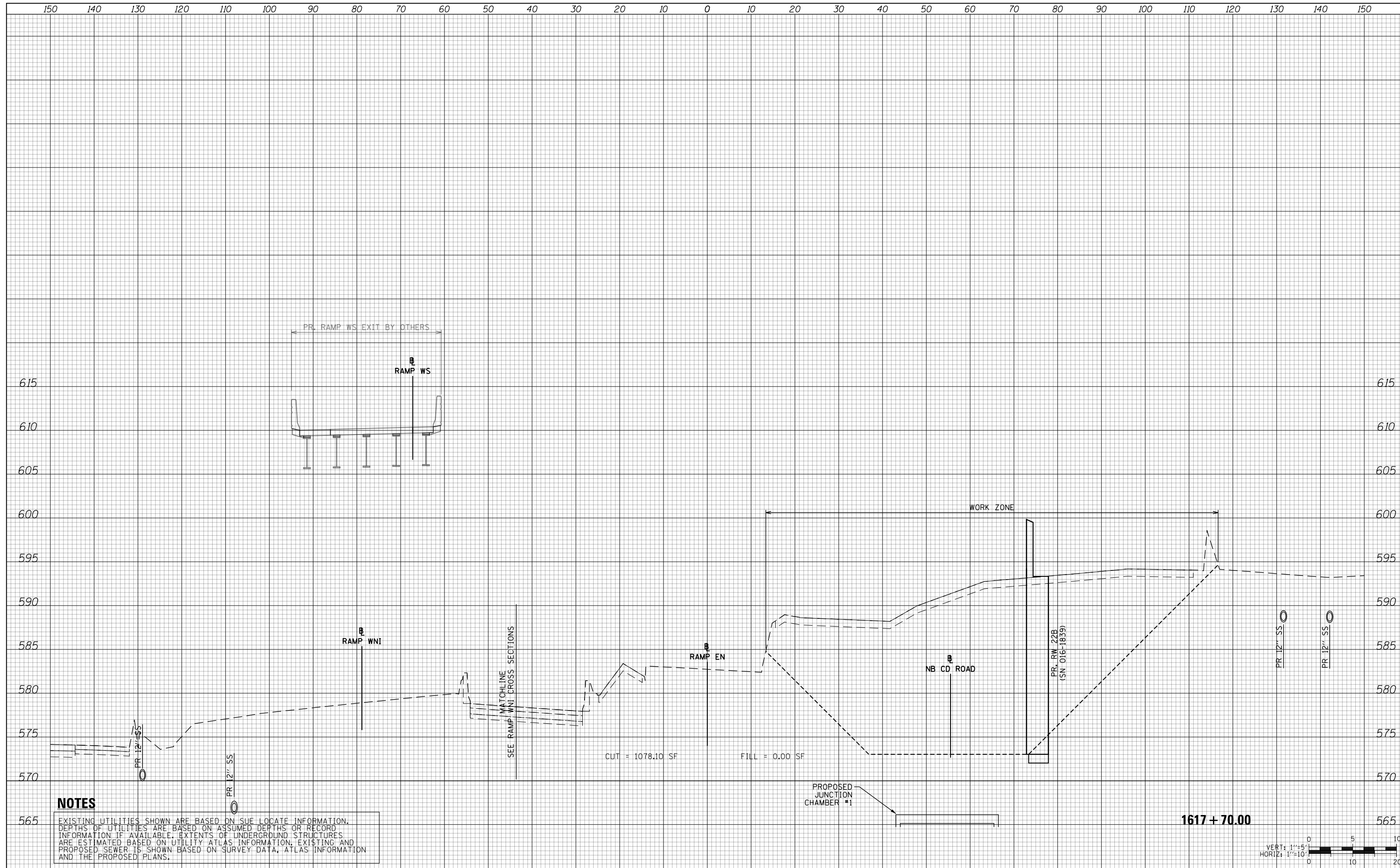
CROSS SECTIONS
RAMP EN STAGE 1

SCALE: 10:H 5:V SHEET 28 OF 29 SHEETS STA. 1617+50.00 TO STA. 1617+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	651
				CONTRACT NO. 60X79
ILLINOIS FED. AID PROJECT				

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

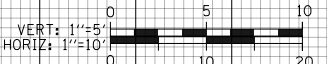
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



NOTES

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1617 + 70.00



D160X79-SHT-XS-Ramp EN-Stage 1.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

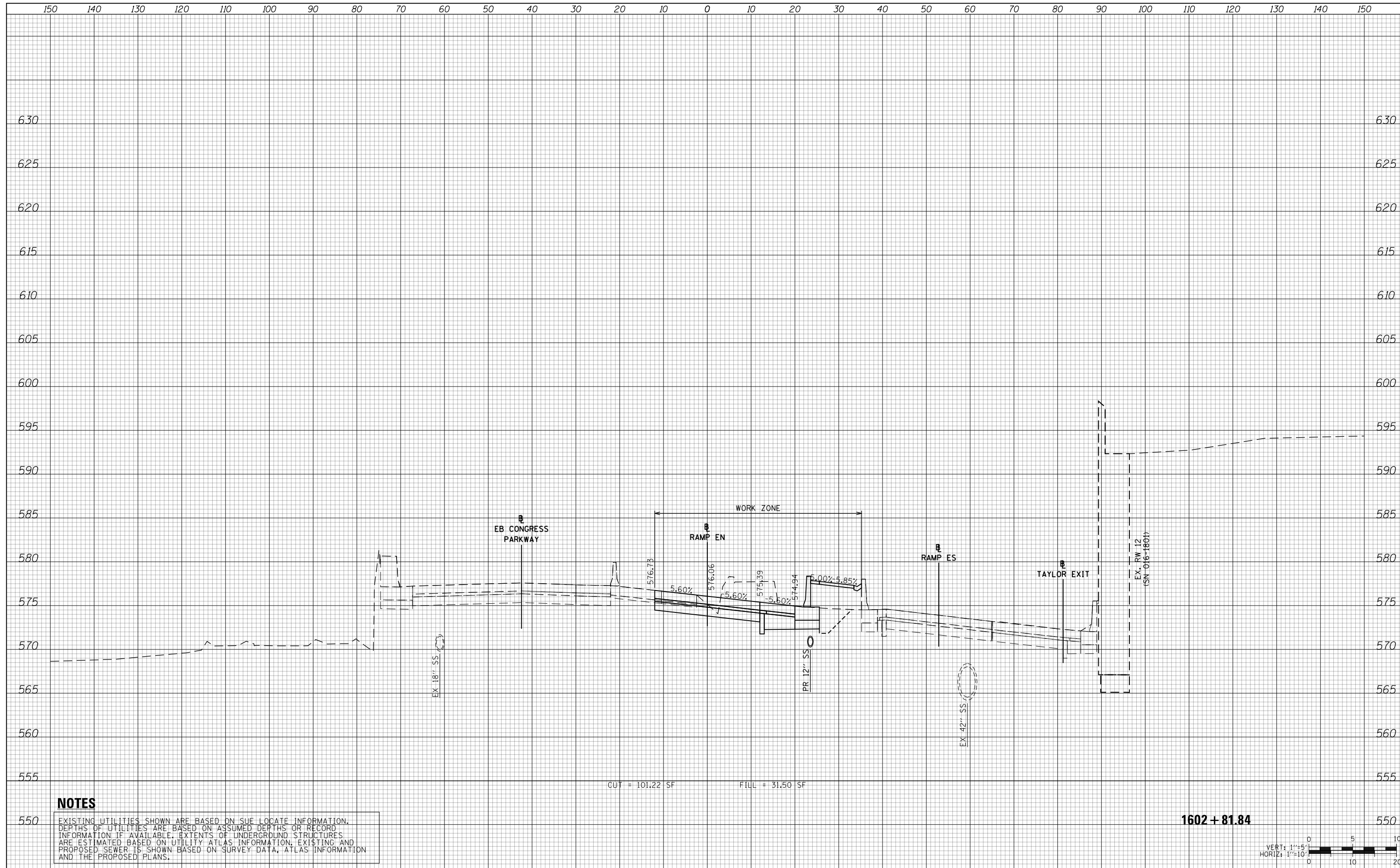
**CROSS SECTIONS
RAMP EN STAGE 1**

SCALE: 10:H 5:V SHEET 29 OF 29 SHEETS STA. 1617+70.00 TO STA. 1617+70.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	652
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
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TEMPLATE	
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NOTE BOOK	
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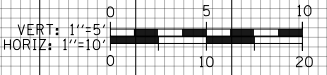


NOTES

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CUT = 101.22 SF FILL = 31.50 SF

1602 + 81.84



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

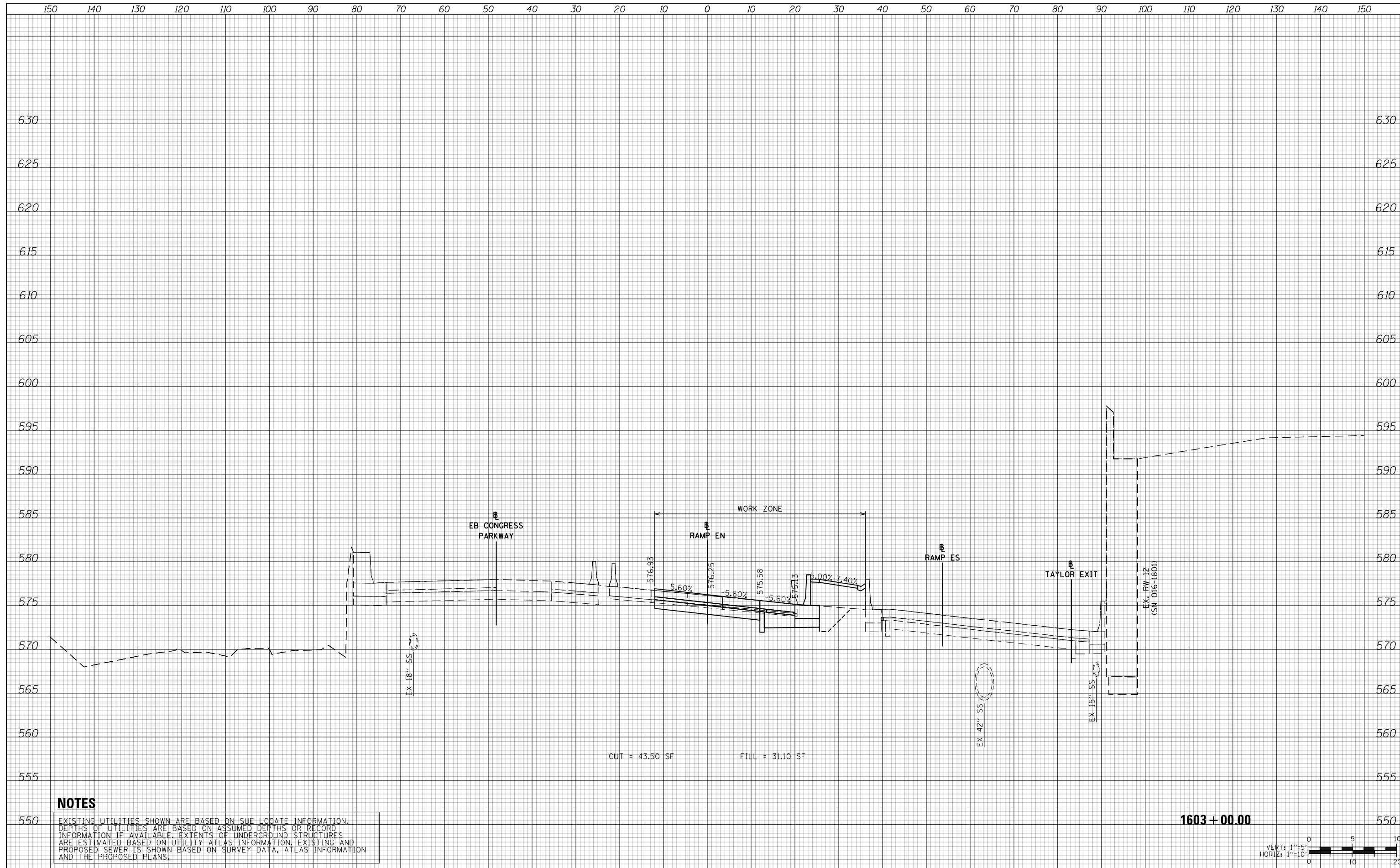
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 1 OF 29 SHEETS STA. 1602+81.84 TO STA. 1602+81.84

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	653
				CONTRACT NO. 60X79
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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1603 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

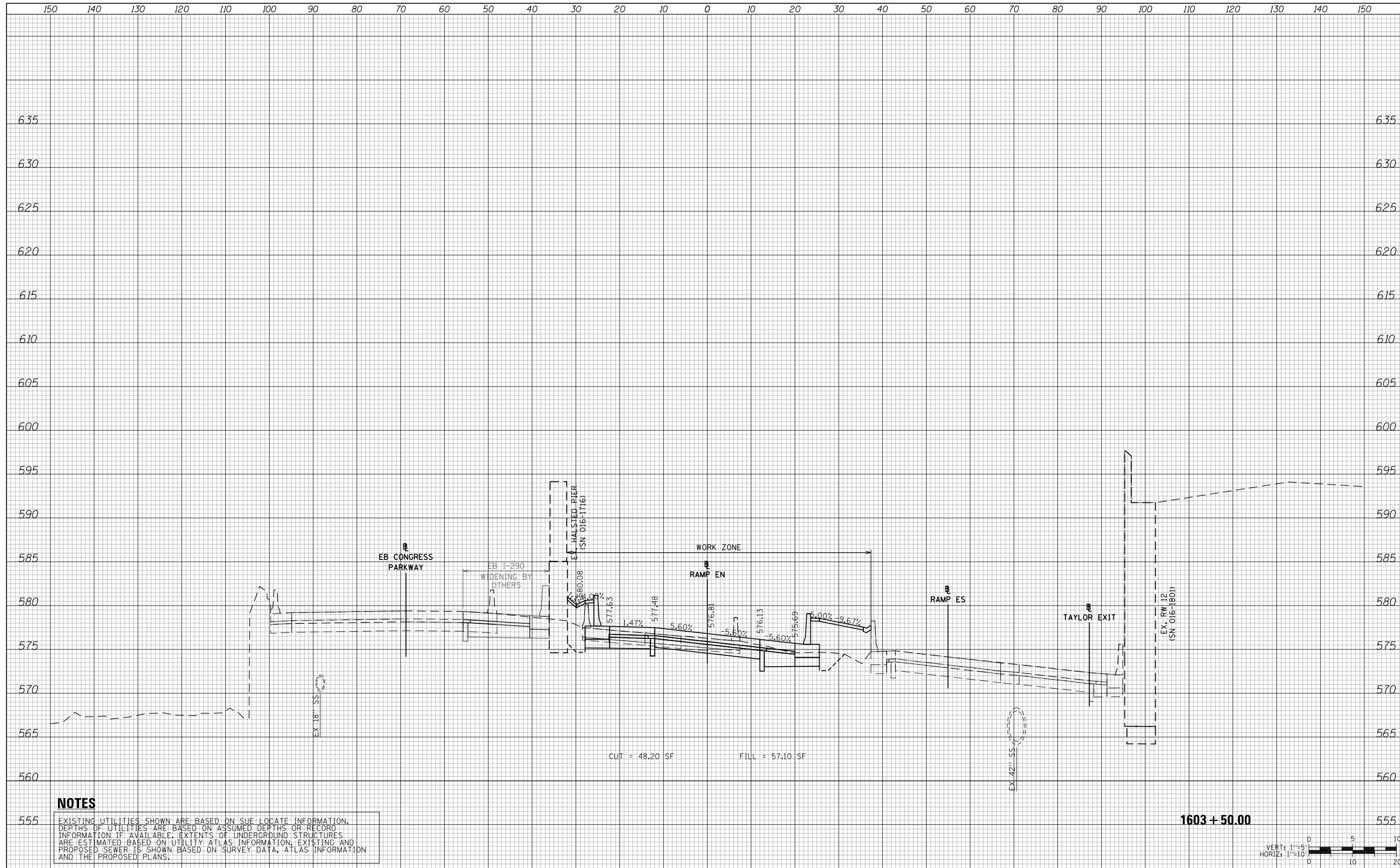
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	654
CONTRACT NO. 60X79				

SCALE: 10:H 5:V SHEET 2 OF 29 SHEETS STA. 1603+00.00 TO STA. 1603+00.00

ILLINOIS FED. AID PROJECT

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

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



NOTES

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1603 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

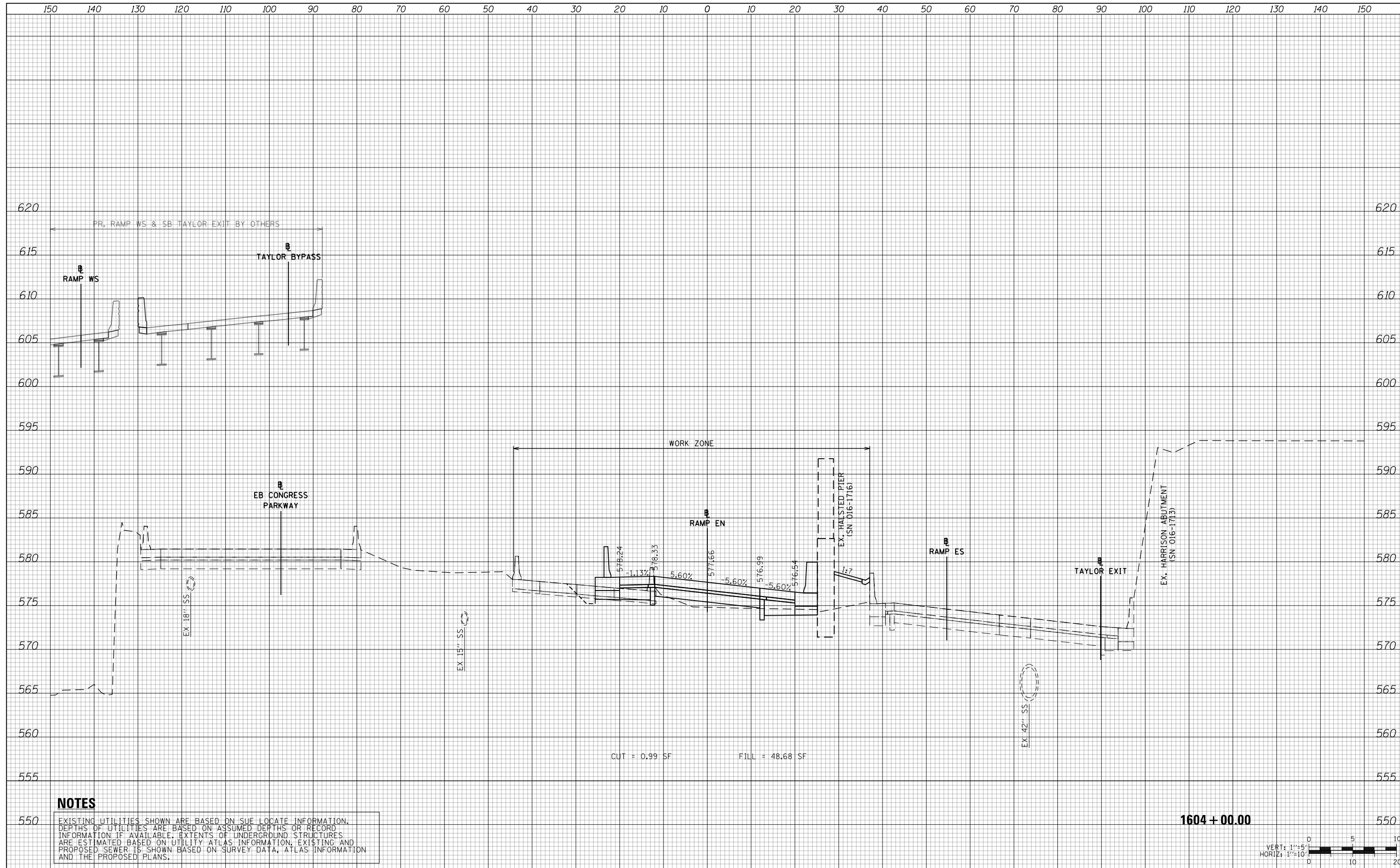
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10'H 5'V SHEET 3 OF 29 SHEETS STA. 1603+50.00 TO STA. 1603+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	655
				CONTRACT NO. 60X79
ILLINOIS FED. AID PROJECT				

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

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



CUT = 0.99 SF FILL = 48.68 SF

NOTES

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1604 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

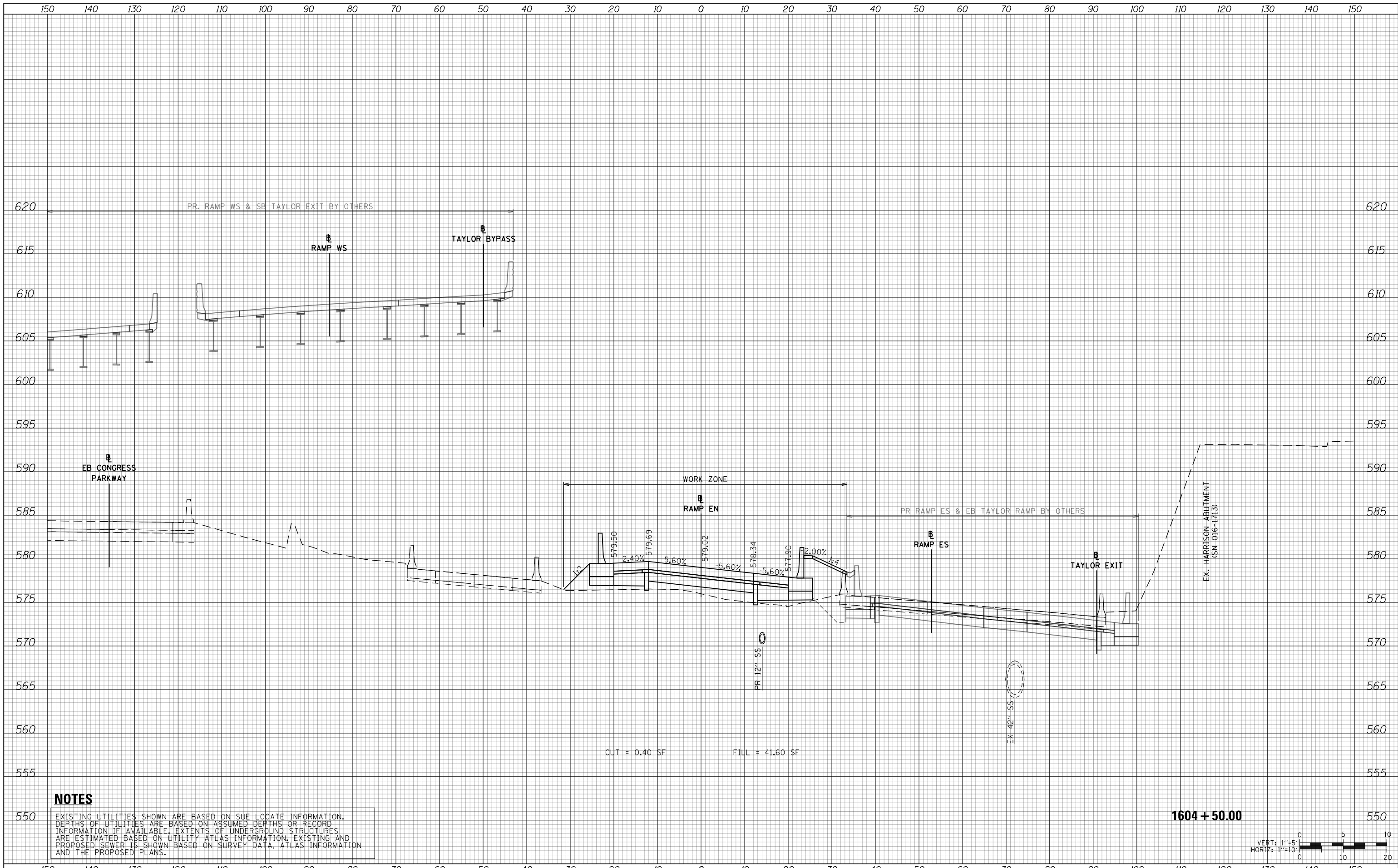
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 4 OF 29 SHEETS STA. 1604+00.00 TO STA. 1604+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	656
				CONTRACT NO. 60X79

ILLINOIS FED. AID PROJECT



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

DATE	
BY	
SURVEYED	
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ORIGINAL SURVEY	
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1604 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

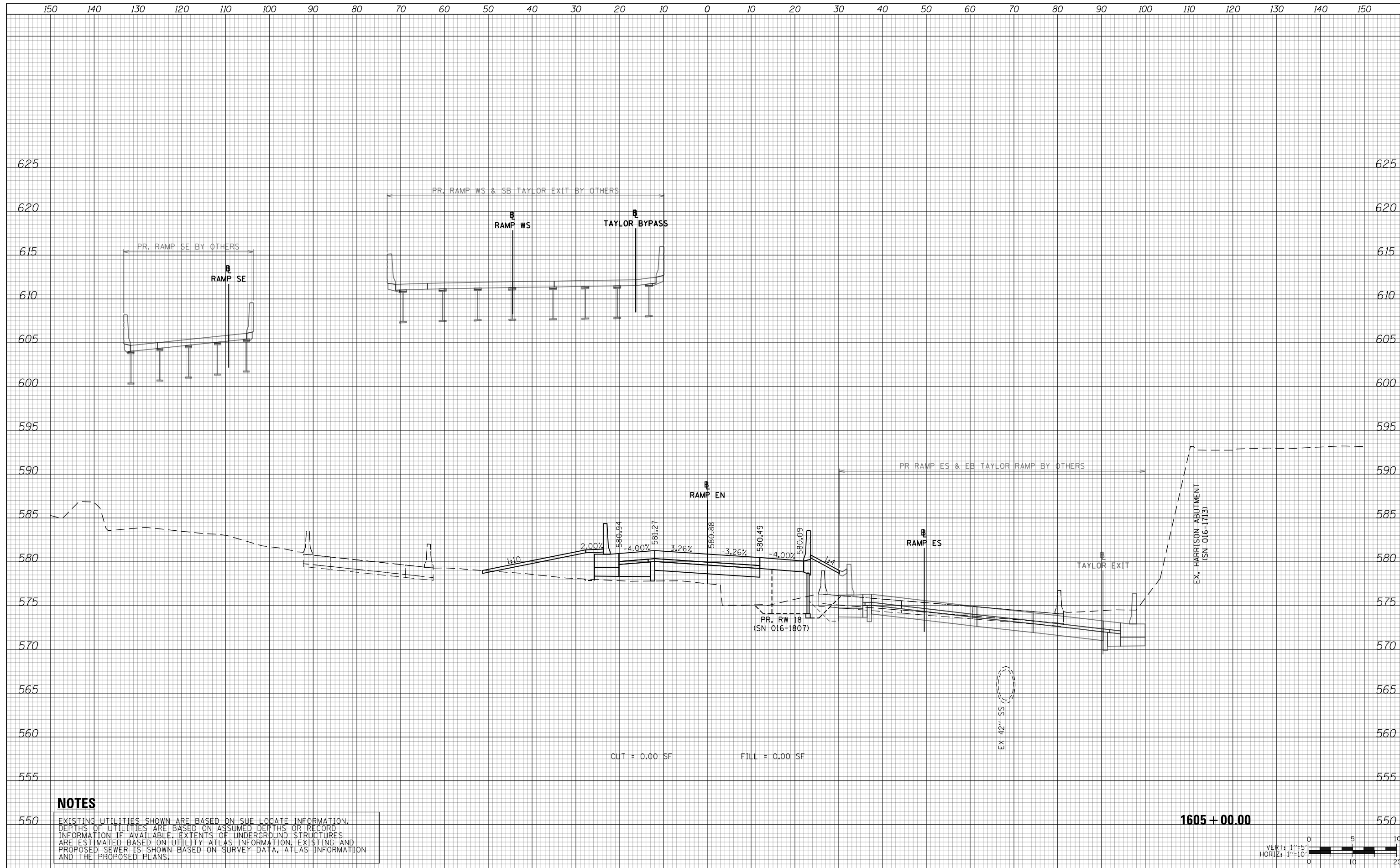
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10'H 5'V SHEET 5 OF 29 SHEETS STA. 1604+50.00 TO STA. 1604+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	657
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

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



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.

1605 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

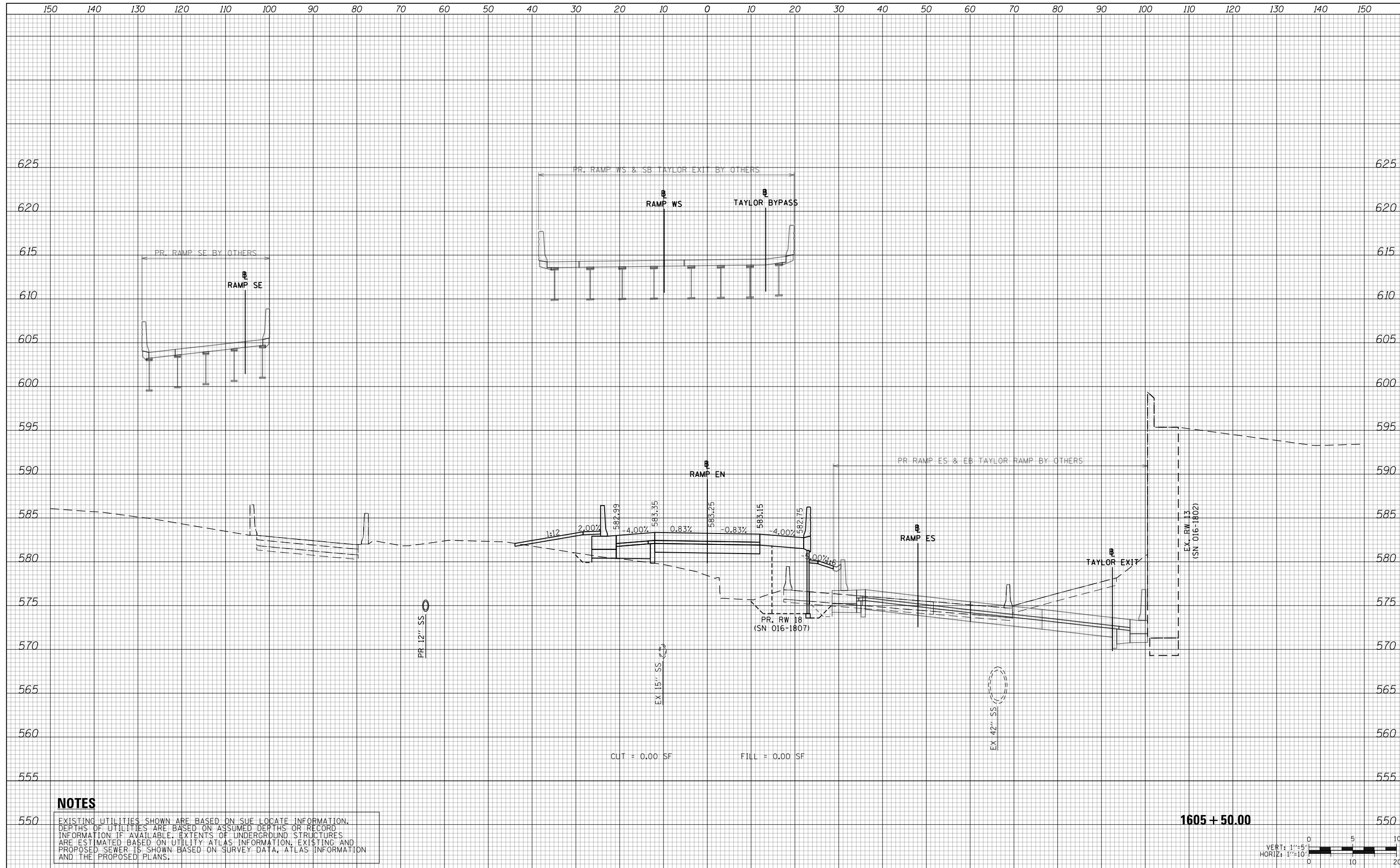
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 6 OF 29 SHEETS STA. 1605+00.00 TO STA. 1605+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	658
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

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

1605 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

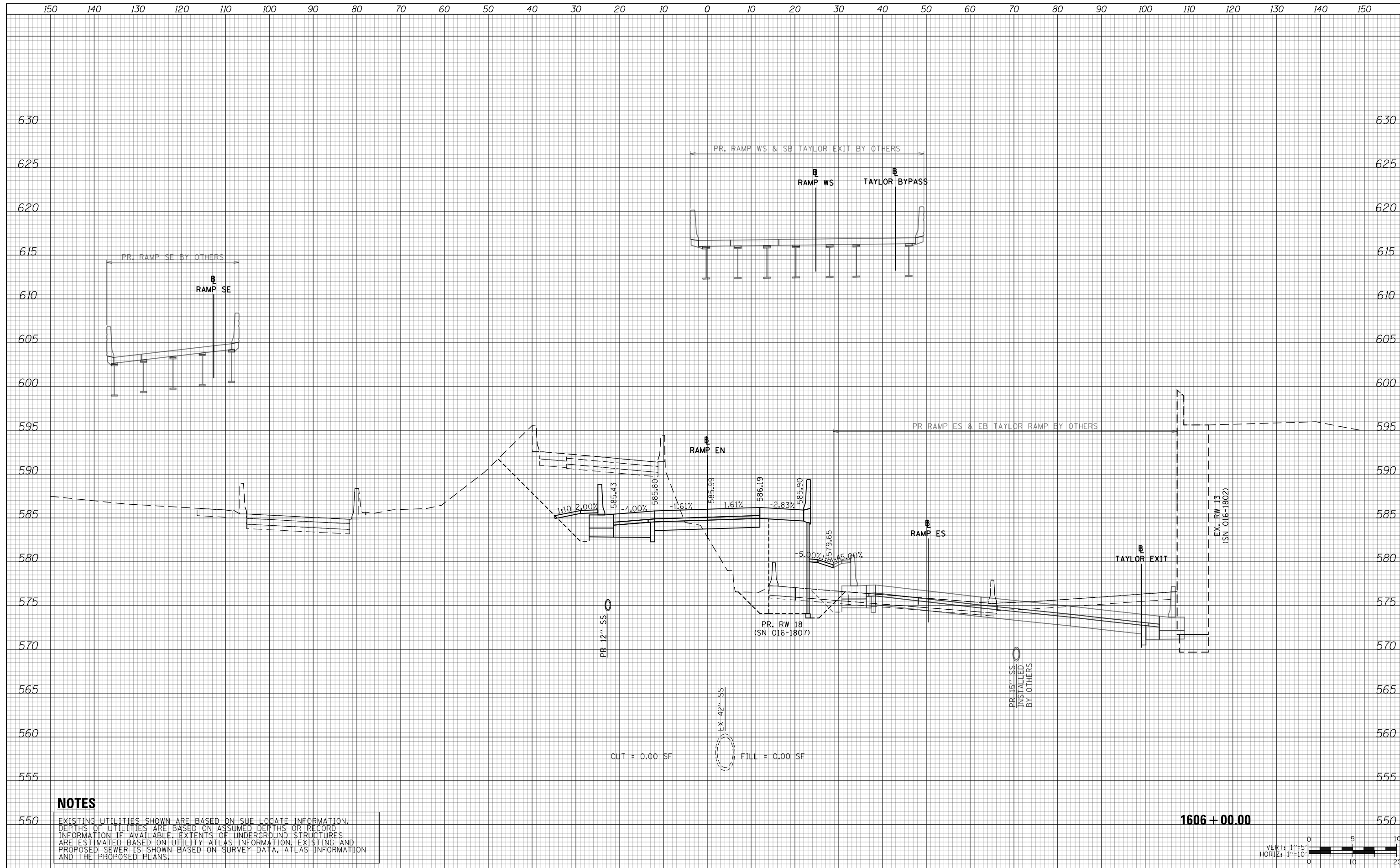
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 7 OF 29 SHEETS STA. 1605+50.00 TO STA. 1605+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	659
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

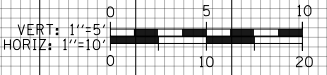
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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NOTES

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.

1606 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

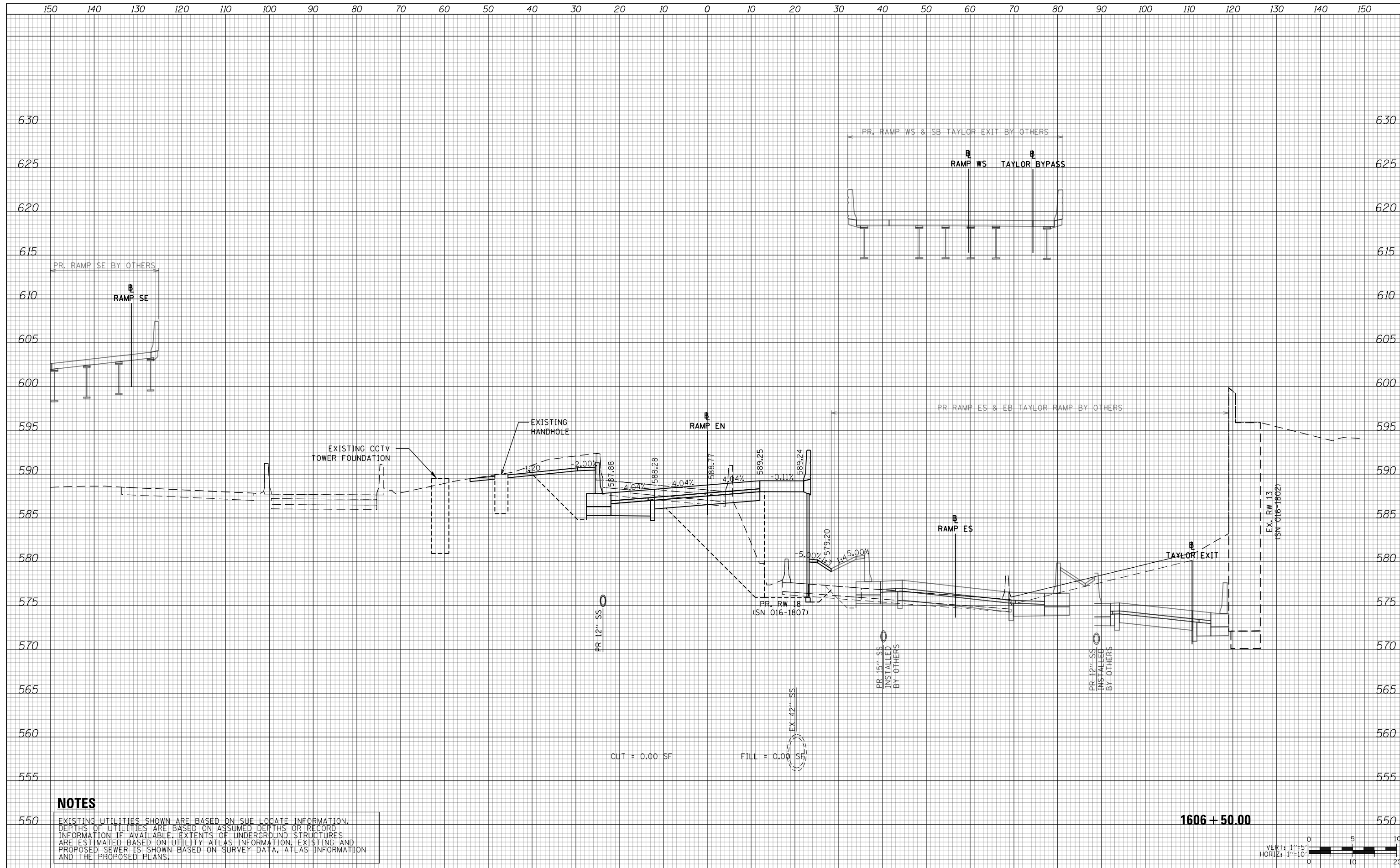
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 8 OF 29 SHEETS STA. 1606+00.00 TO STA. 1606+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	660
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
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.



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

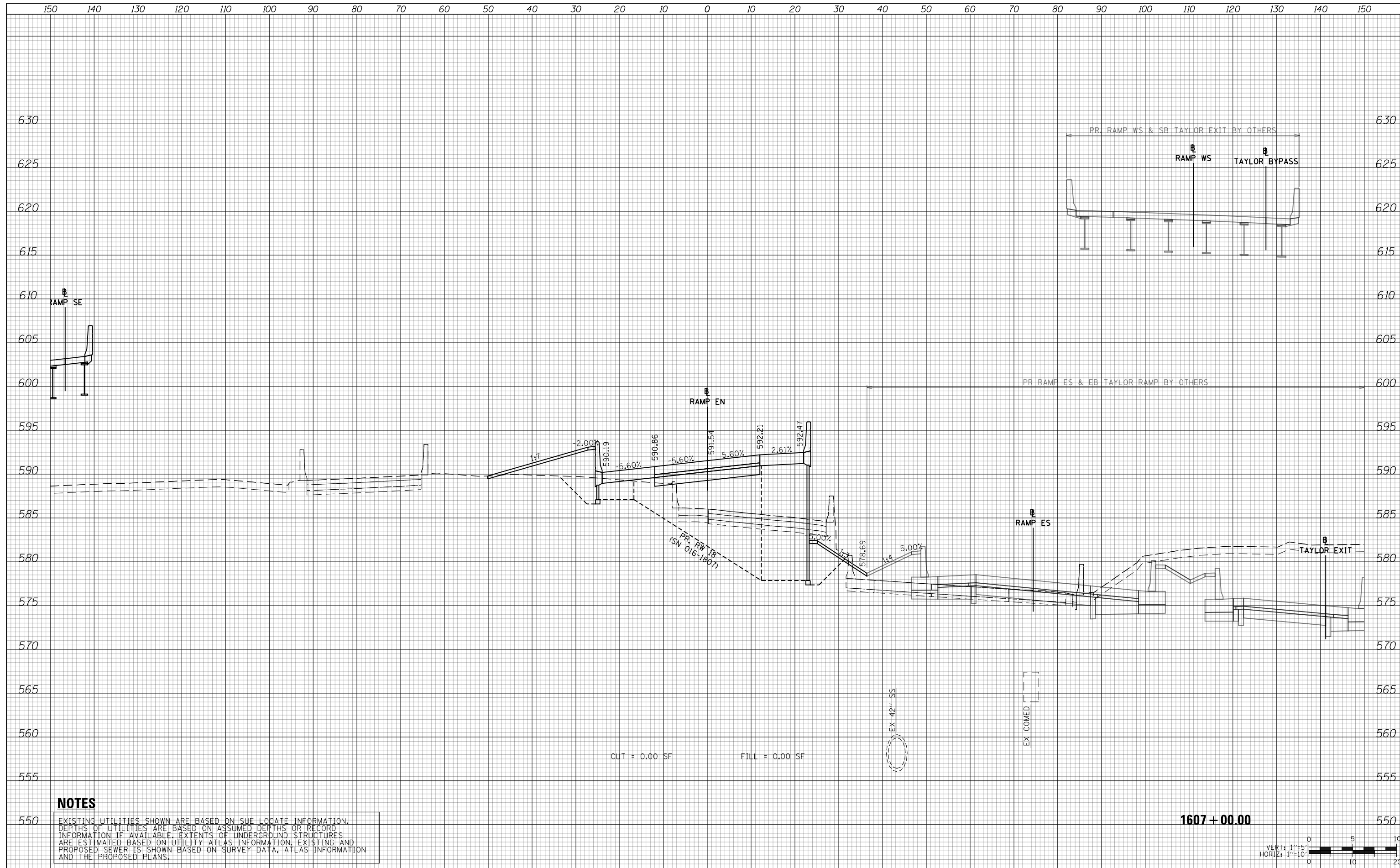
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10H 5:V SHEET 9 OF 29 SHEETS STA. 1606+50.00 TO STA. 1606+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	661
				CONTRACT NO. 60X79
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.

1607 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

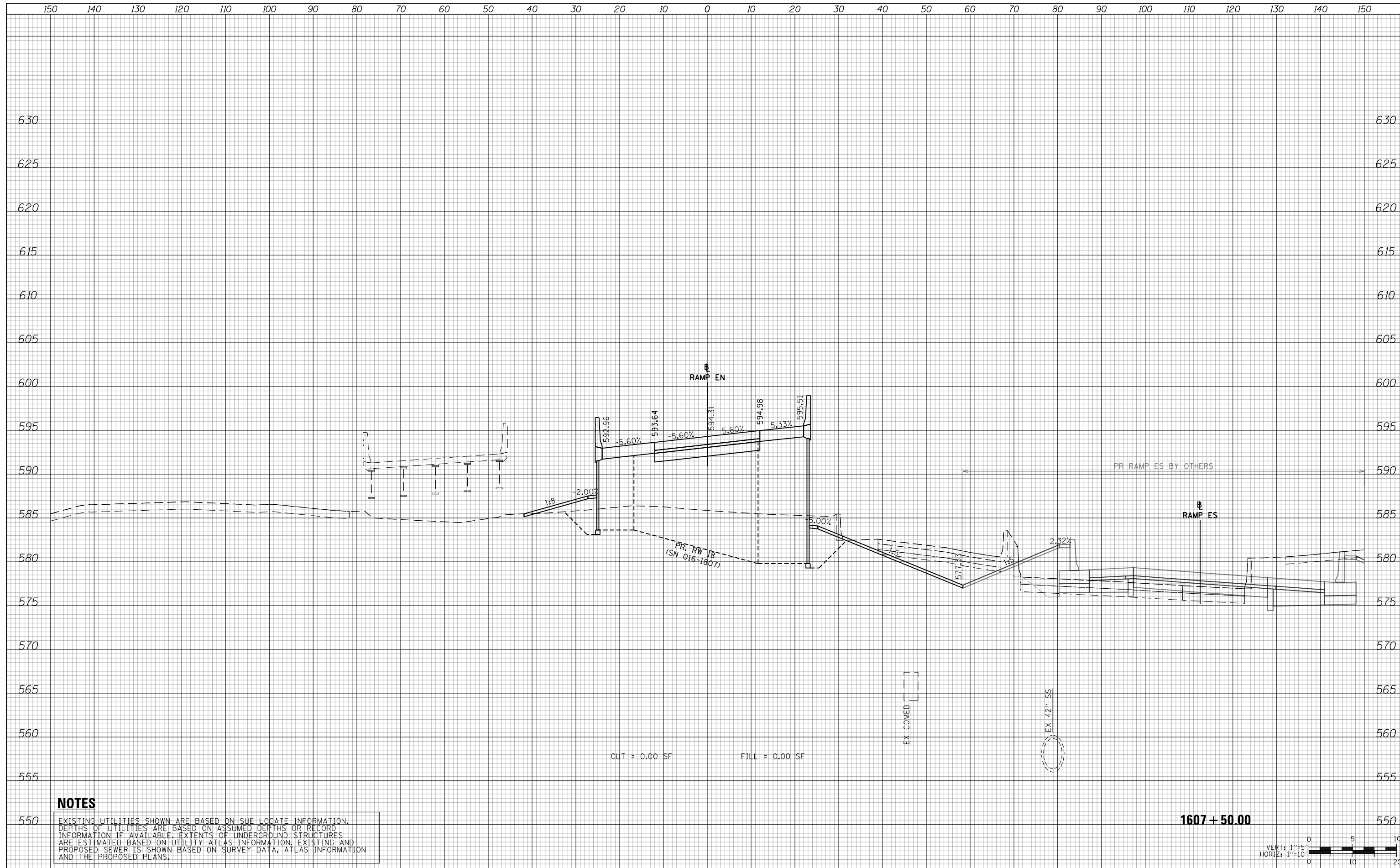
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 10 OF 29 SHEETS STA. 1607+00.00 TO STA. 1607+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	662
CONTRACT NO. 60X79				
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.

1607 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

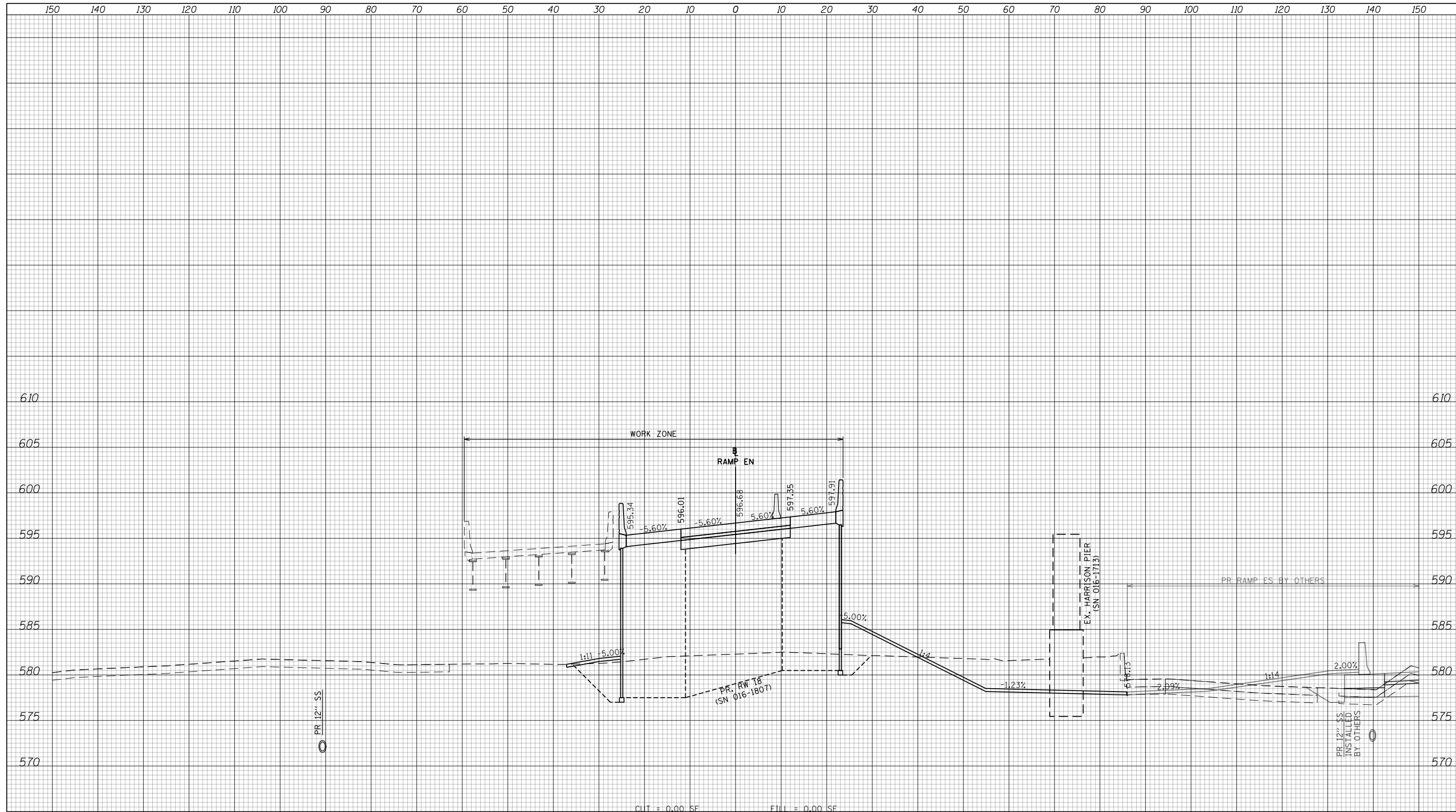
SCALE: 10:H 5:V SHEET 11 OF 29 SHEETS STA. 1607+50.00 TO STA. 1607+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	663
CONTRACT NO. 60X79				

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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ORIGINAL SURVEY	
NOTE BOOK	
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NOTES

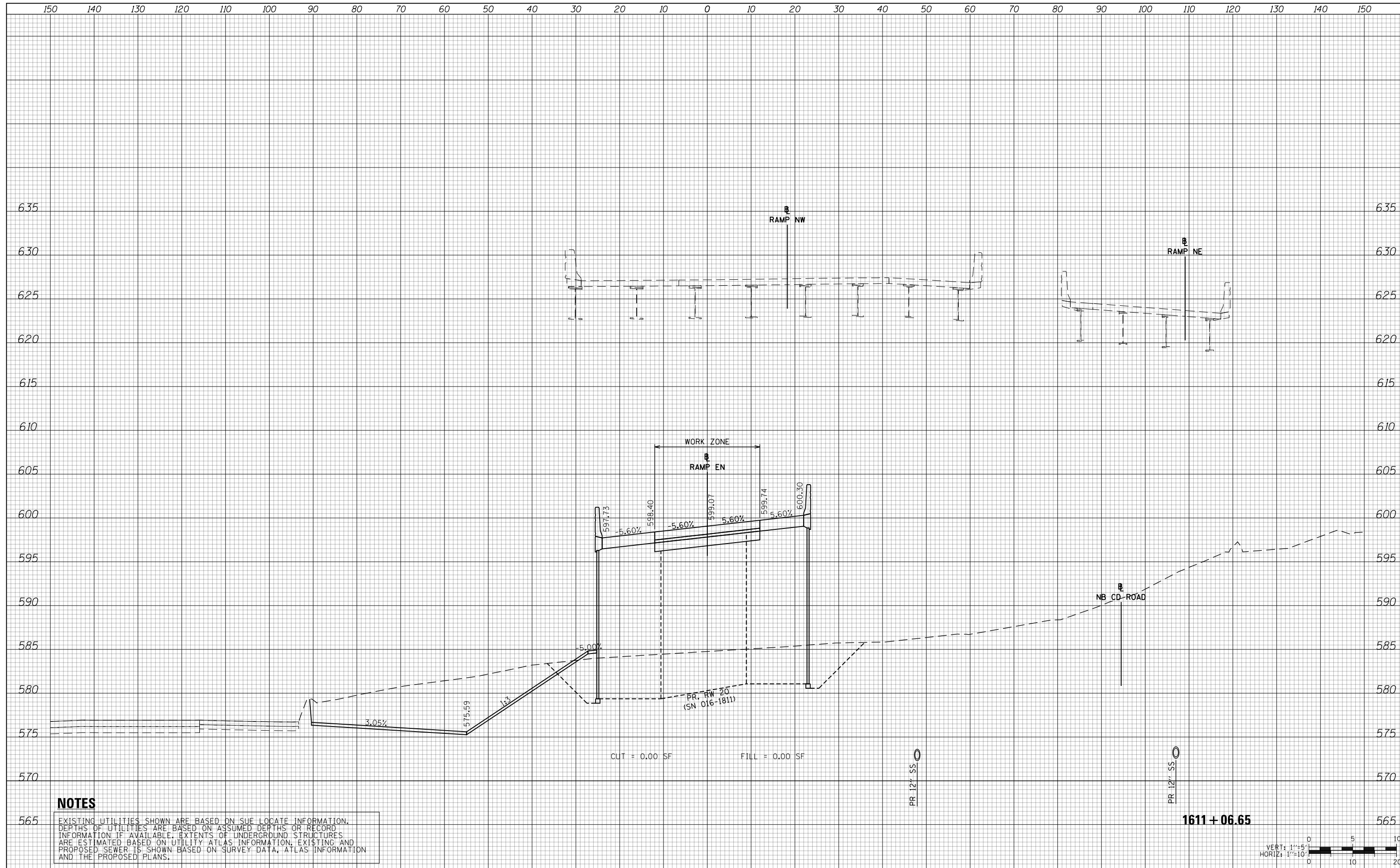
EXISTING UTILITIES SHOWN ARE BASED ON SUE LOCATE INFORMATION. DEPTHS OF UTILITIES ARE BASED ON ASSUMED DEPTHS OR RECORD INFORMATION IF AVAILABLE. EXTENTS OF UNDERGROUND STRUCTURES ARE ESTIMATED BASED ON UTILITY ATLAS INFORMATION, EXISTING AND PROPOSED SEWER IS SHOWN BASED ON SURVEY DATA, ATLAS INFORMATION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

1607 + 92.81



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

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



NOTES

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1611 + 06.65



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

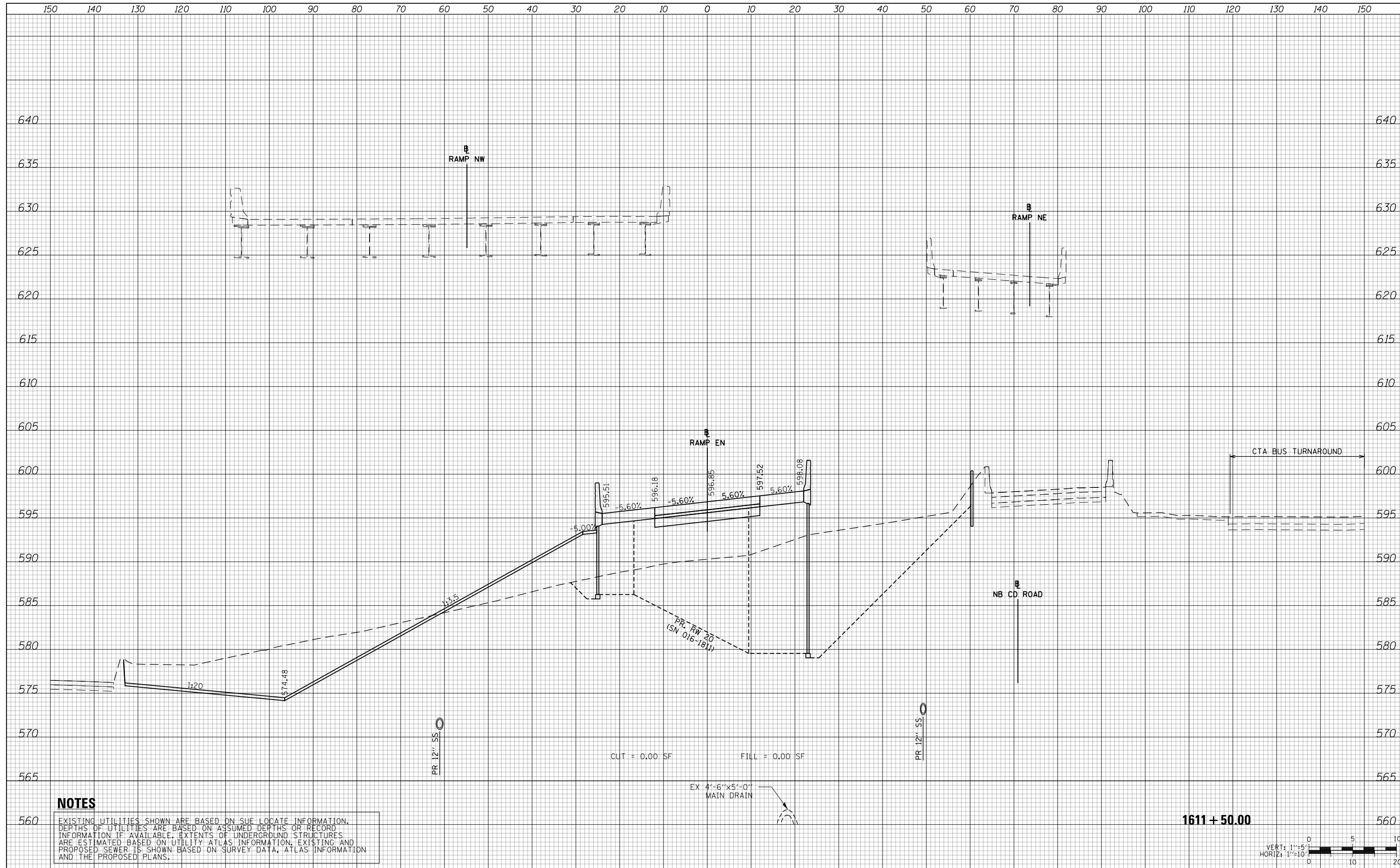
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 13 OF 29 SHEETS STA. 1611+06.65 TO STA. 1611+06.65

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	665
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

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



NOTES

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1611 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

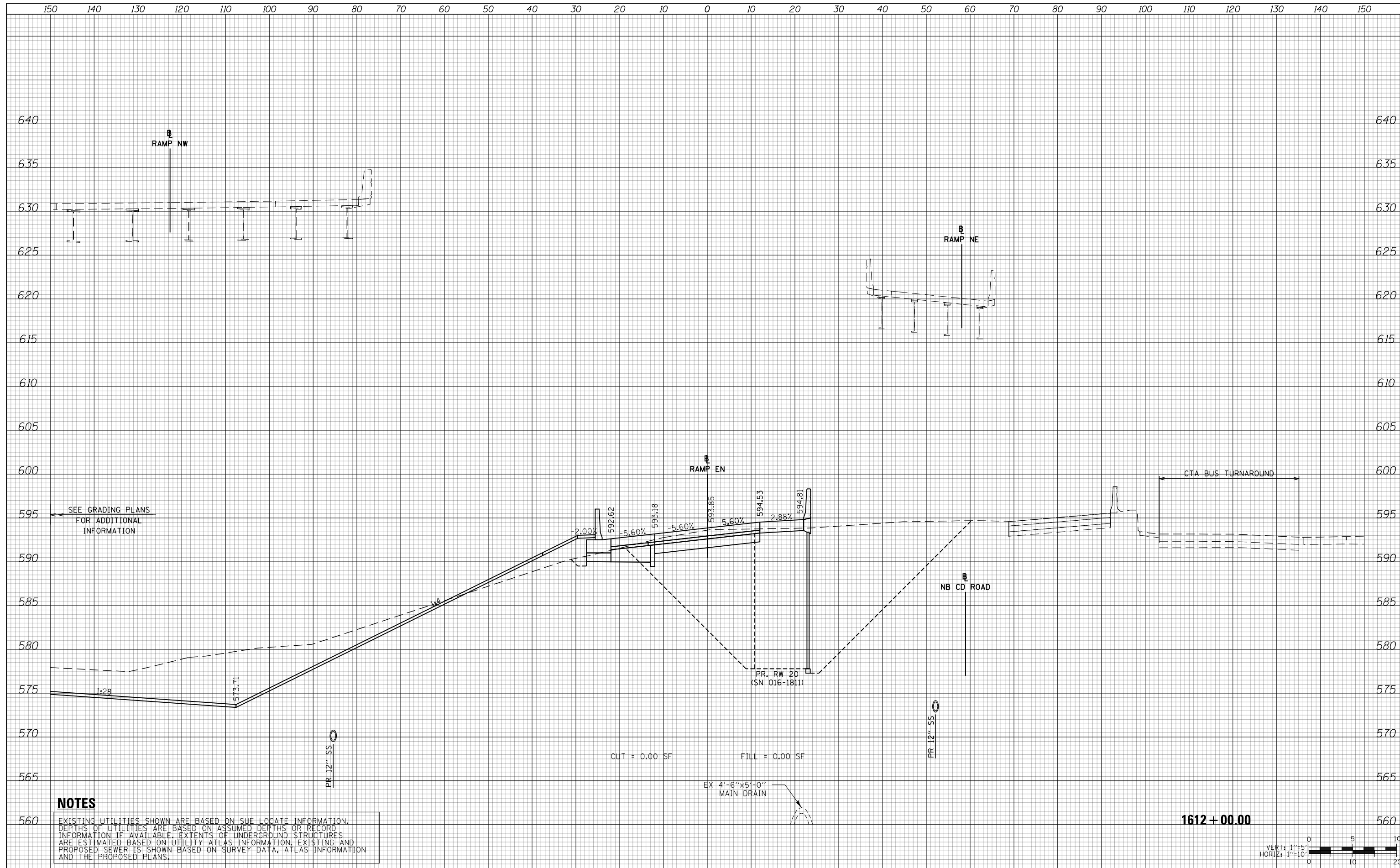
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	666
CONTRACT NO. 60X79				

SCALE: 10'H 5'V SHEET 14 OF 29 SHEETS STA. 1611+50.00 TO STA. 1611+50.00

ILLINOIS FED. AID PROJECT

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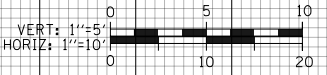
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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NOTES

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1612 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

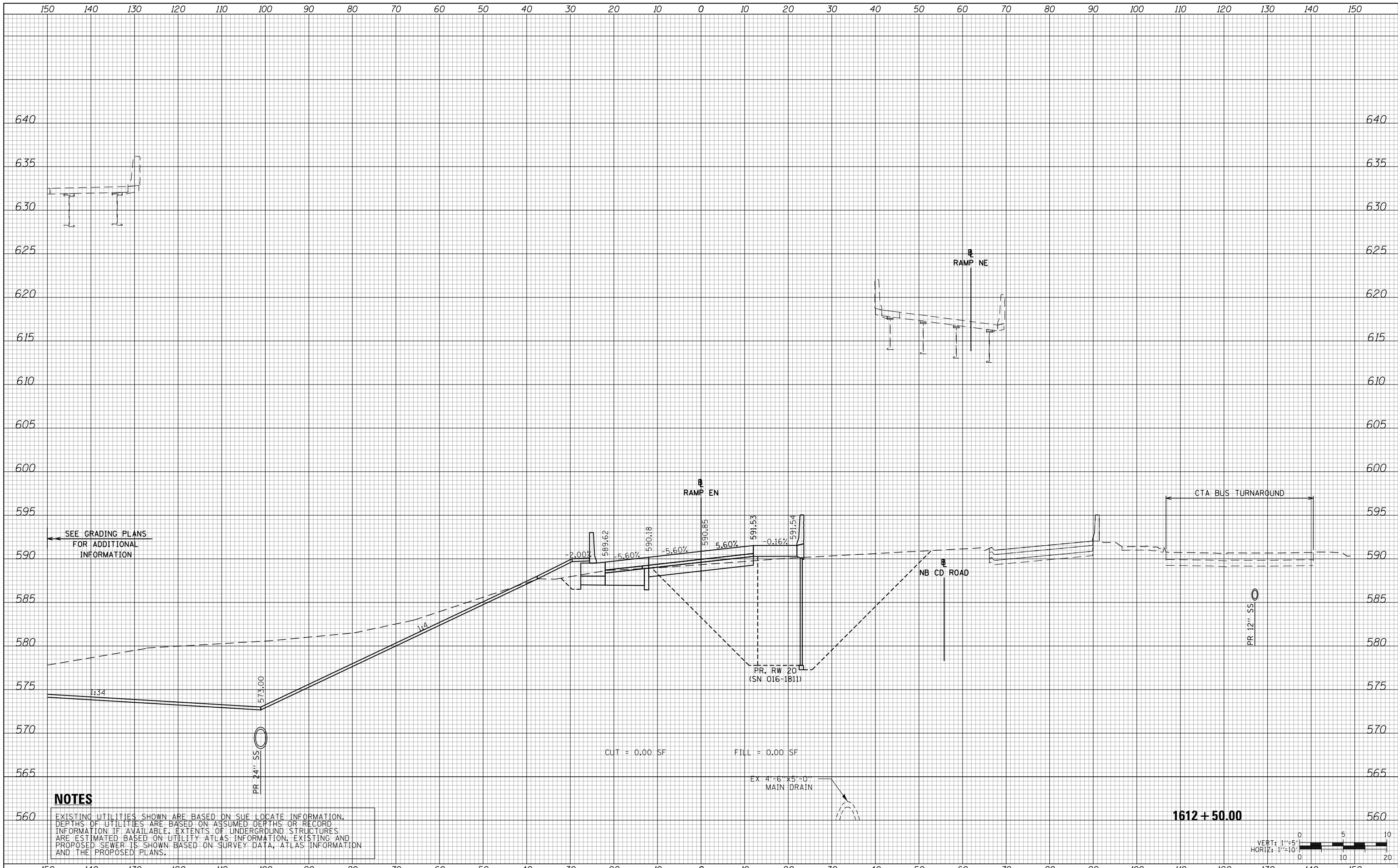
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 15 OF 29 SHEETS STA. 1612+00.00 TO STA. 1612+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	667
CONTRACT NO. 60X79				

ILLINOIS FED. AID PROJECT



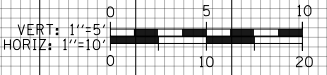
DATE	
BY	
FINAL SURVEY NO.	
SURVEY PLOTTED	
TEMPLATE AREAS CHECKED	
NOTE BOOK AREAS CHECKED	

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

NOTES

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1612 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

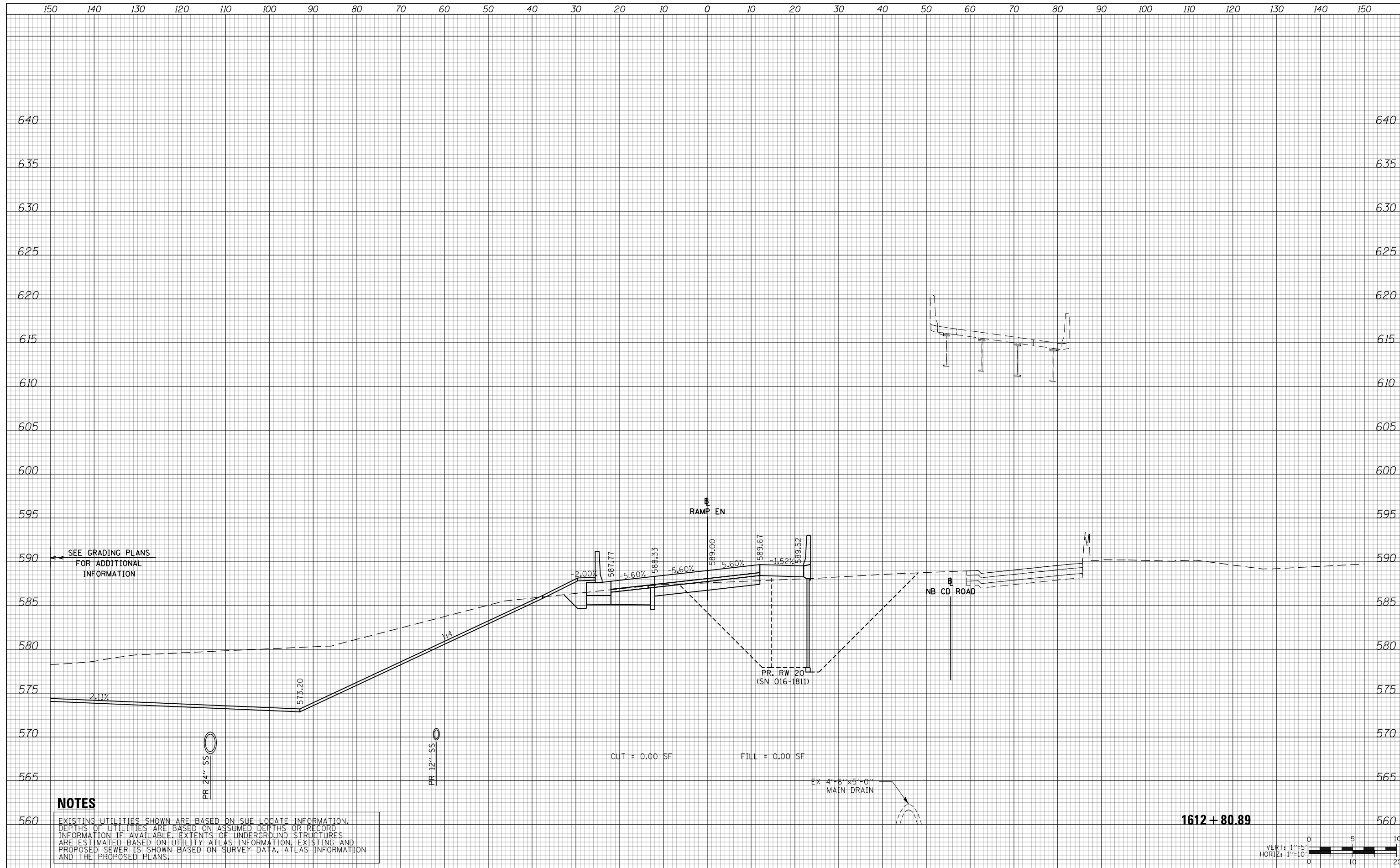
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 16 OF 29 SHEETS STA. 1612+50.00 TO STA. 1612+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	668
CONTRACT NO. 60X79				
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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1612 + 80.89



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

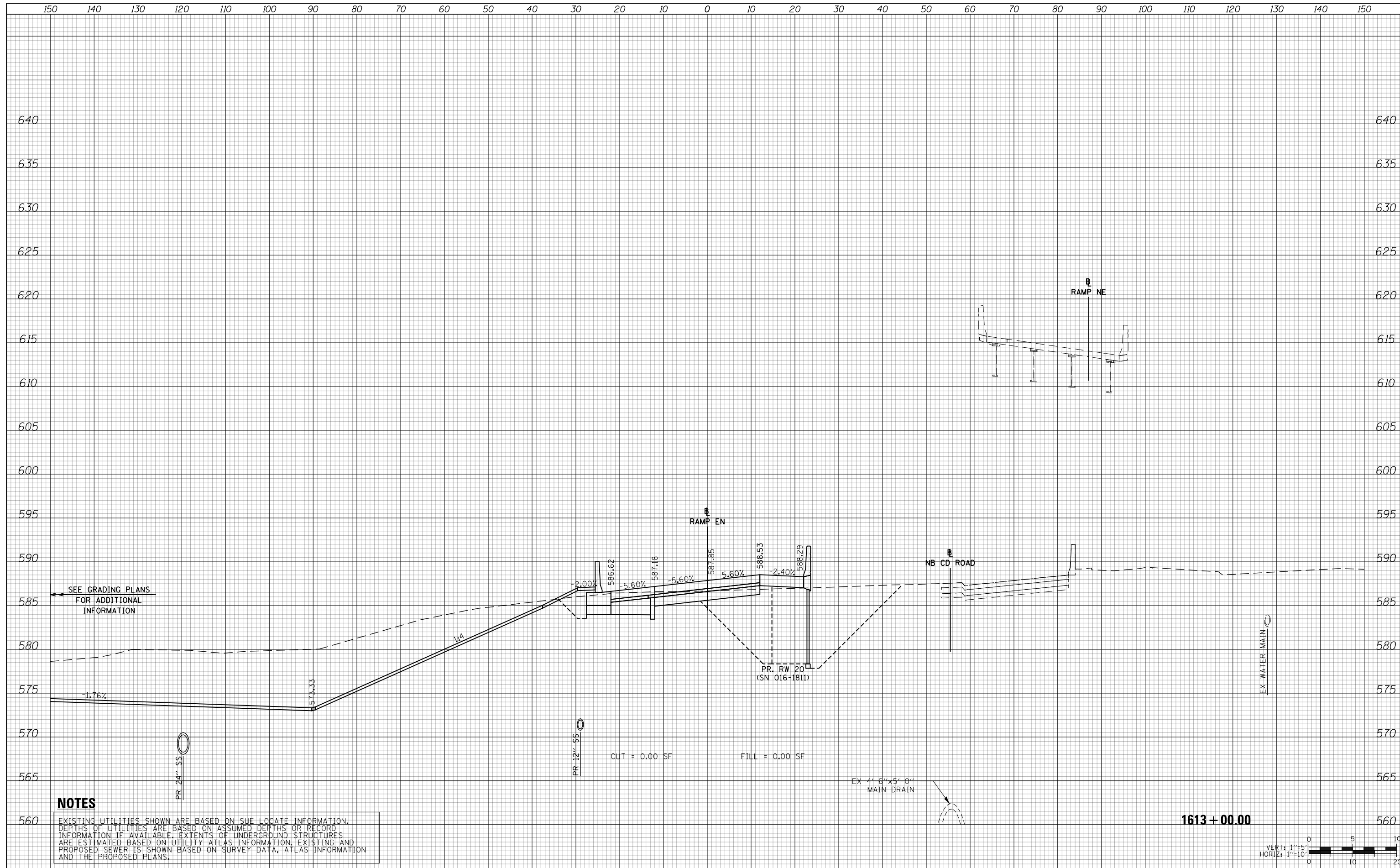
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	669
CONTRACT NO. 60X79				

SCALE: 10:H 5:V SHEET 17 OF 29 SHEETS STA. 1612+80.89 TO STA. 1612+80.89

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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1613 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

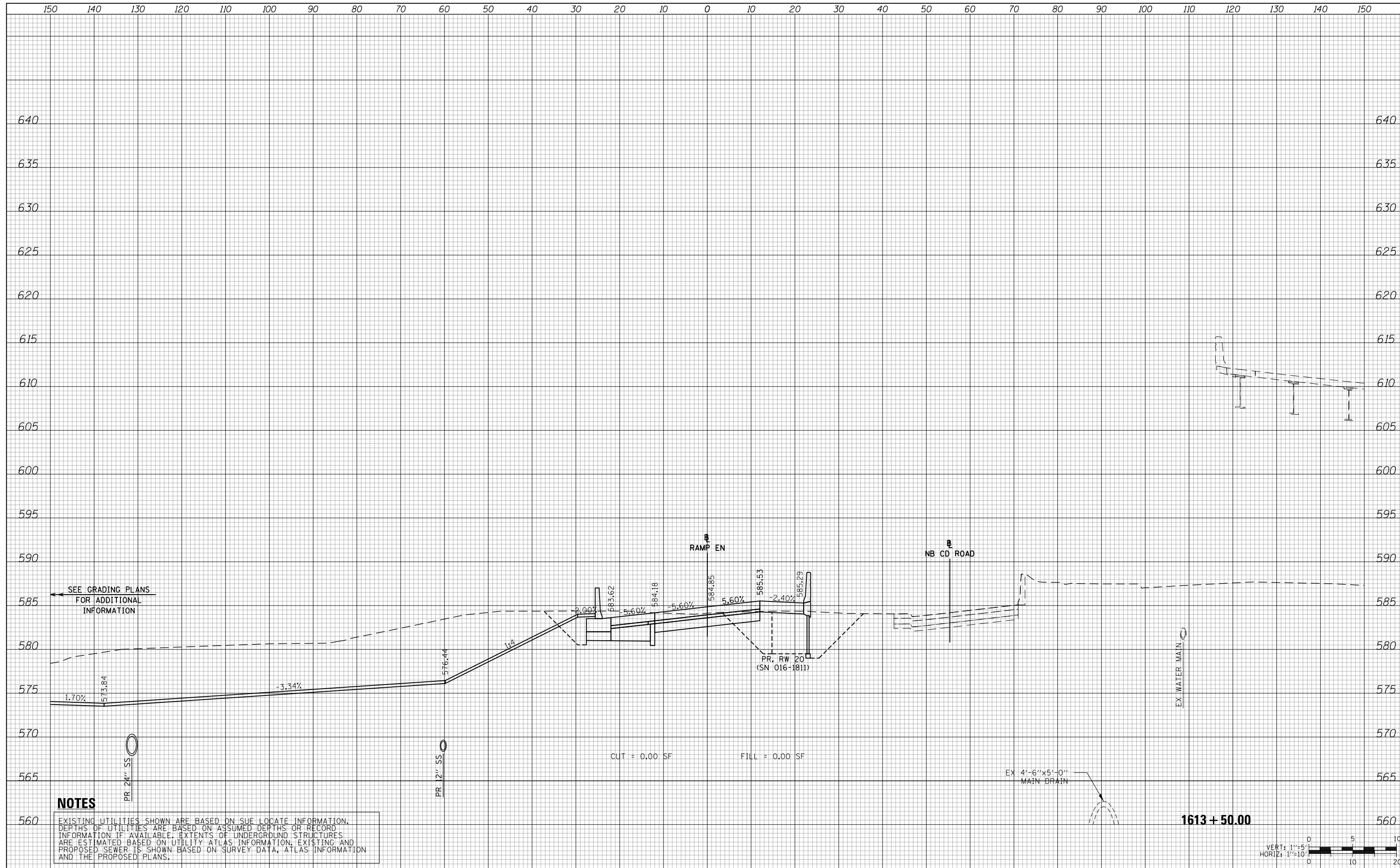
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10'H 5'V SHEET 18 OF 29 SHEETS STA. 1613+00.00 TO STA. 1613+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	670
CONTRACT NO. 60X79				
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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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

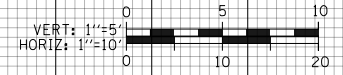
**CROSS SECTIONS
 RAMP EN STAGE 2**

SCALE: 10'H 5'V SHEET 19 OF 29 SHEETS STA. 1613+50.00 TO STA. 1613+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	671
CONTRACT NO. 60X79				

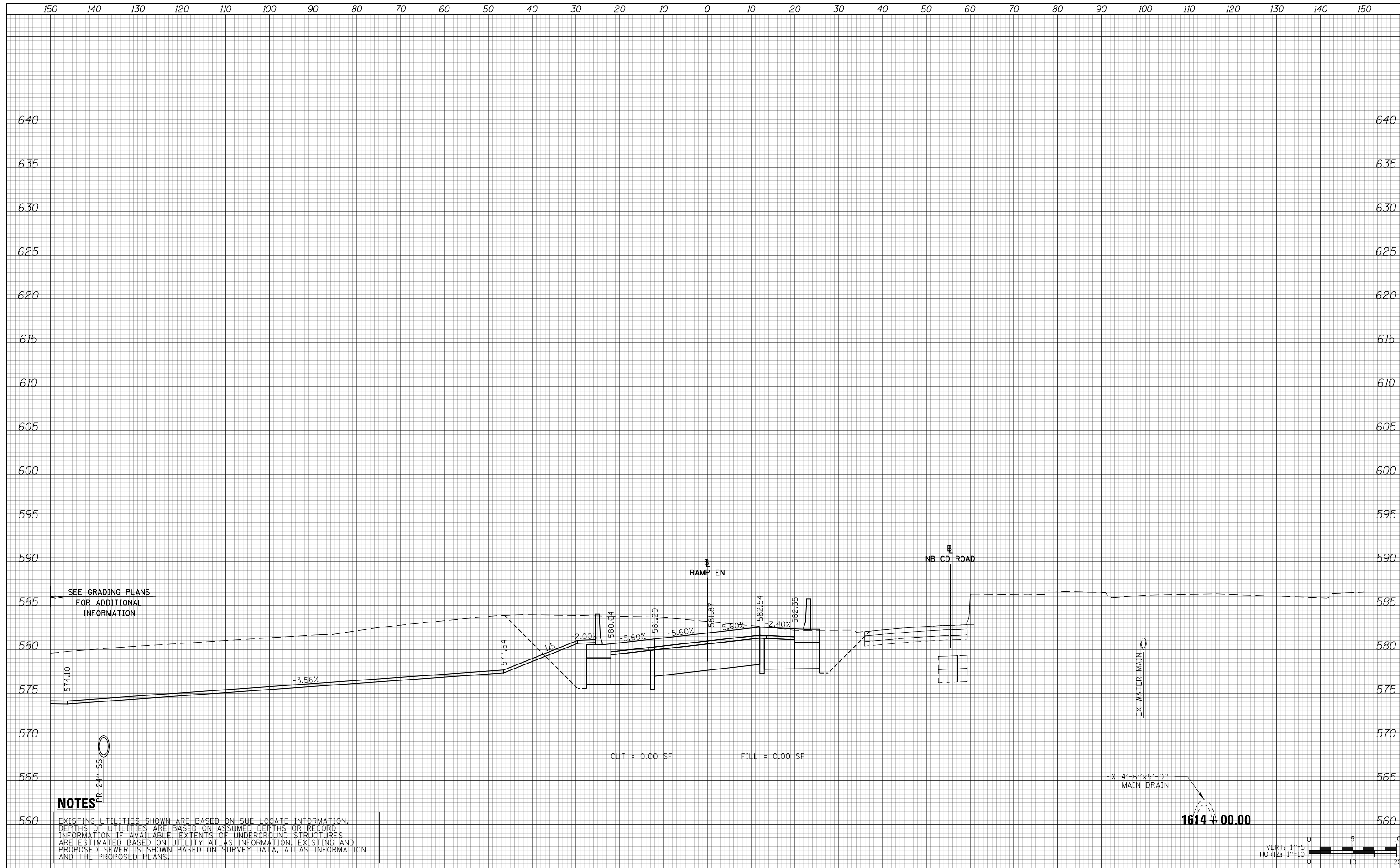


D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -



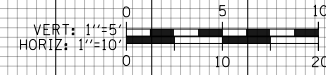
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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.



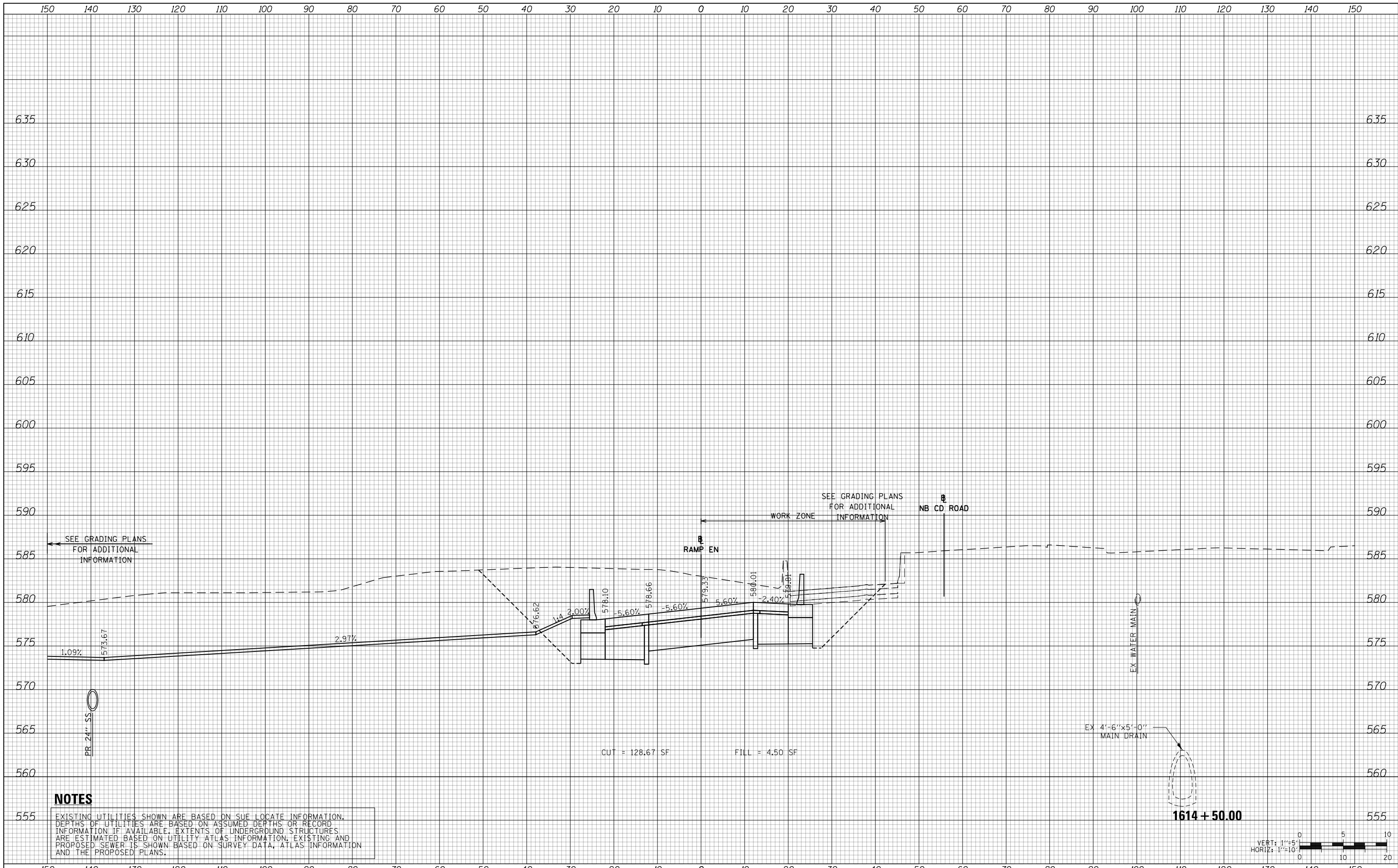
D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10'H 5'V SHEET 20 OF 29 SHEETS STA. 1614+00.00 TO STA. 1614+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	672
CONTRACT NO. 60X79				
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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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

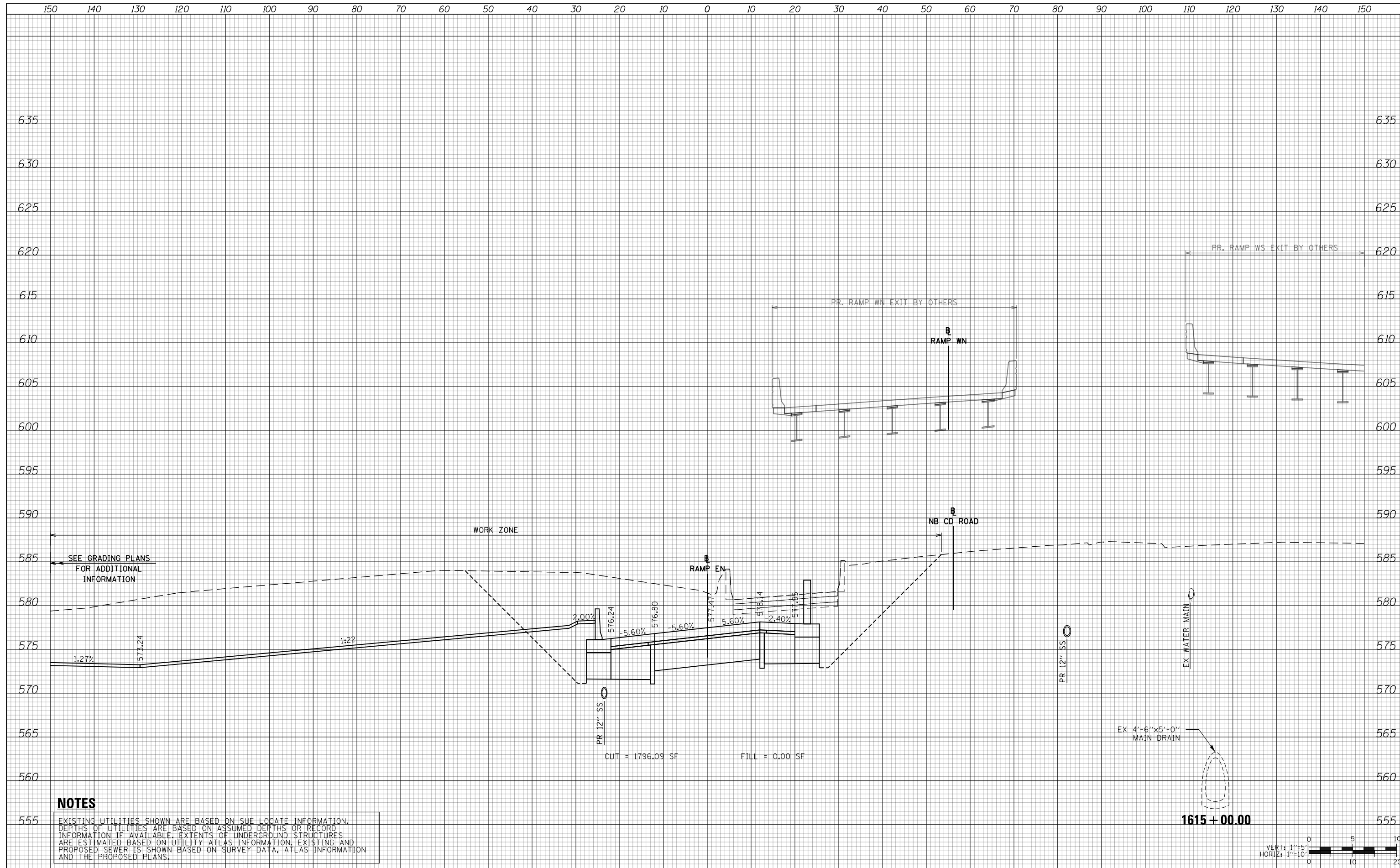
SCALE: 10'H 5'V SHEET 21 OF 29 SHEETS STA. 1614+50.00 TO STA. 1614+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	673
CONTRACT NO. 60X79				
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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D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

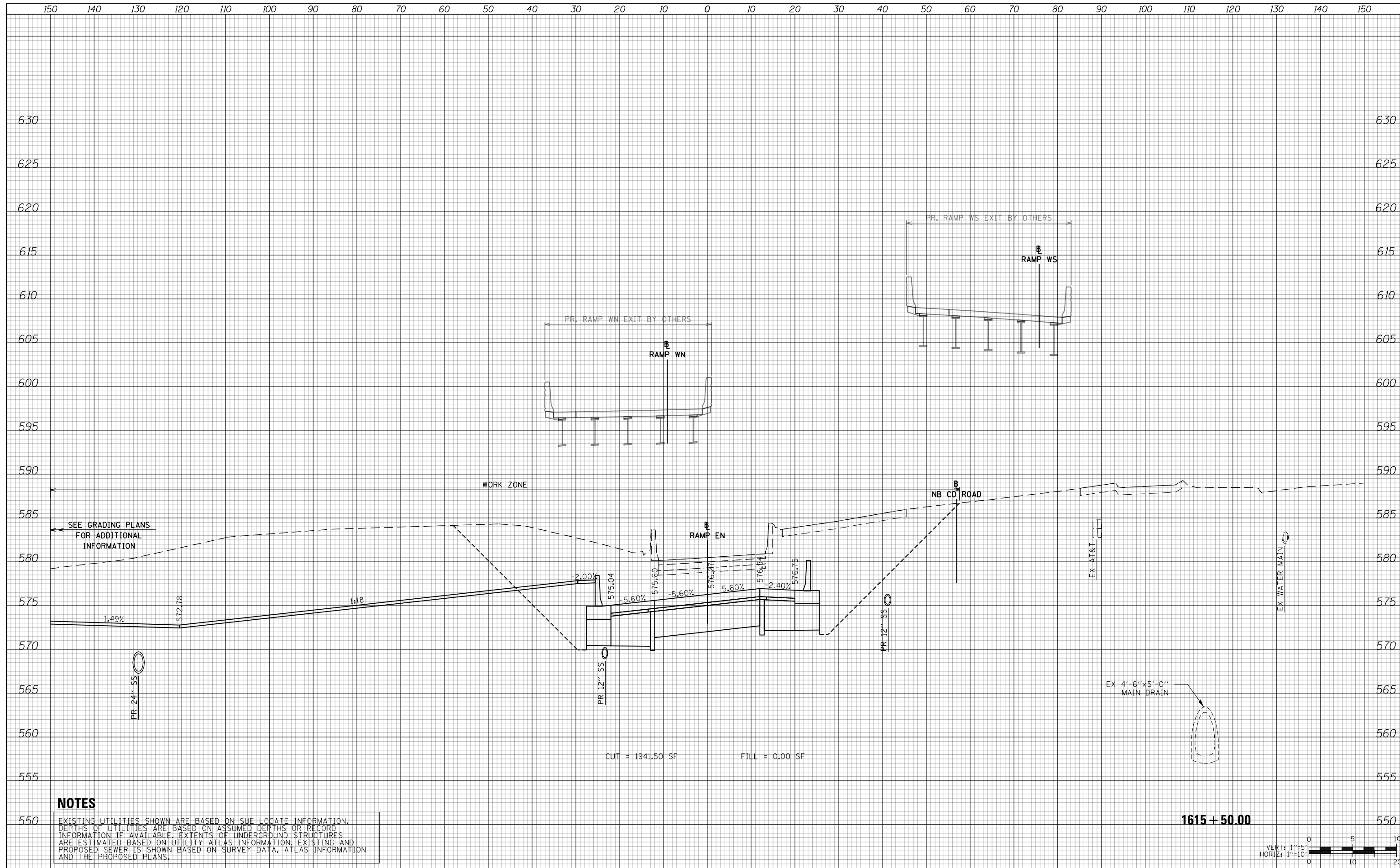
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 22 OF 29 SHEETS STA. 1615+00.00 TO STA. 1615+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	674
				CONTRACT NO. 60X79
ILLINOIS FED. AID PROJECT				

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

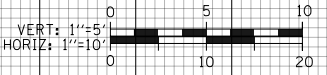
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



NOTES

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1615 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

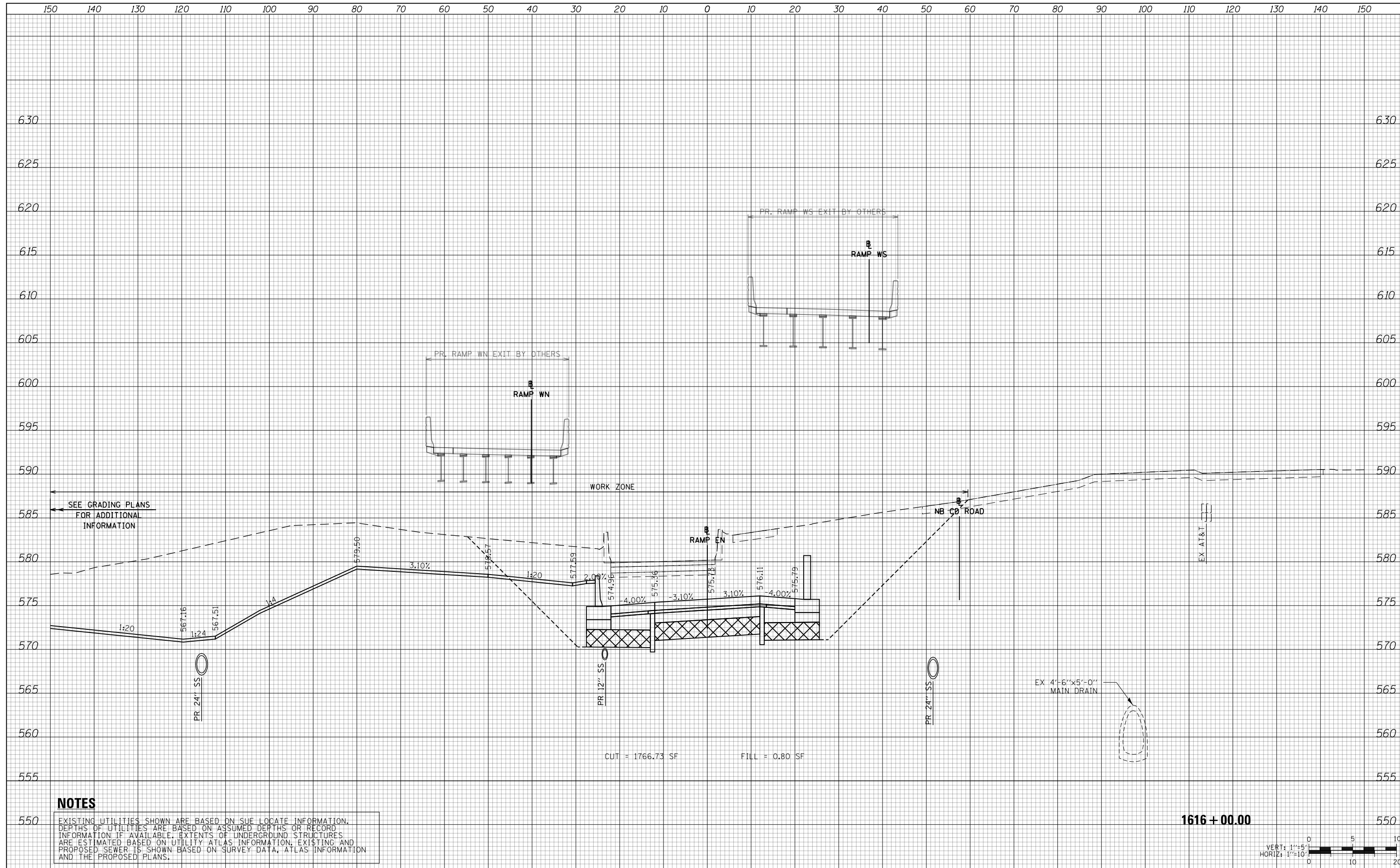
CROSS SECTIONS
RAMP EN STAGE 2

SCALE: 10:H 5:V SHEET 23 OF 29 SHEETS STA. 1615+50.00 TO STA. 1615+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	675
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

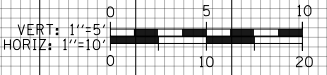
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED PLOTTED TEMPLATE AREAS CHECKED	
NOTE BOOK AREAS CHECKED	



NOTES

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1616 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

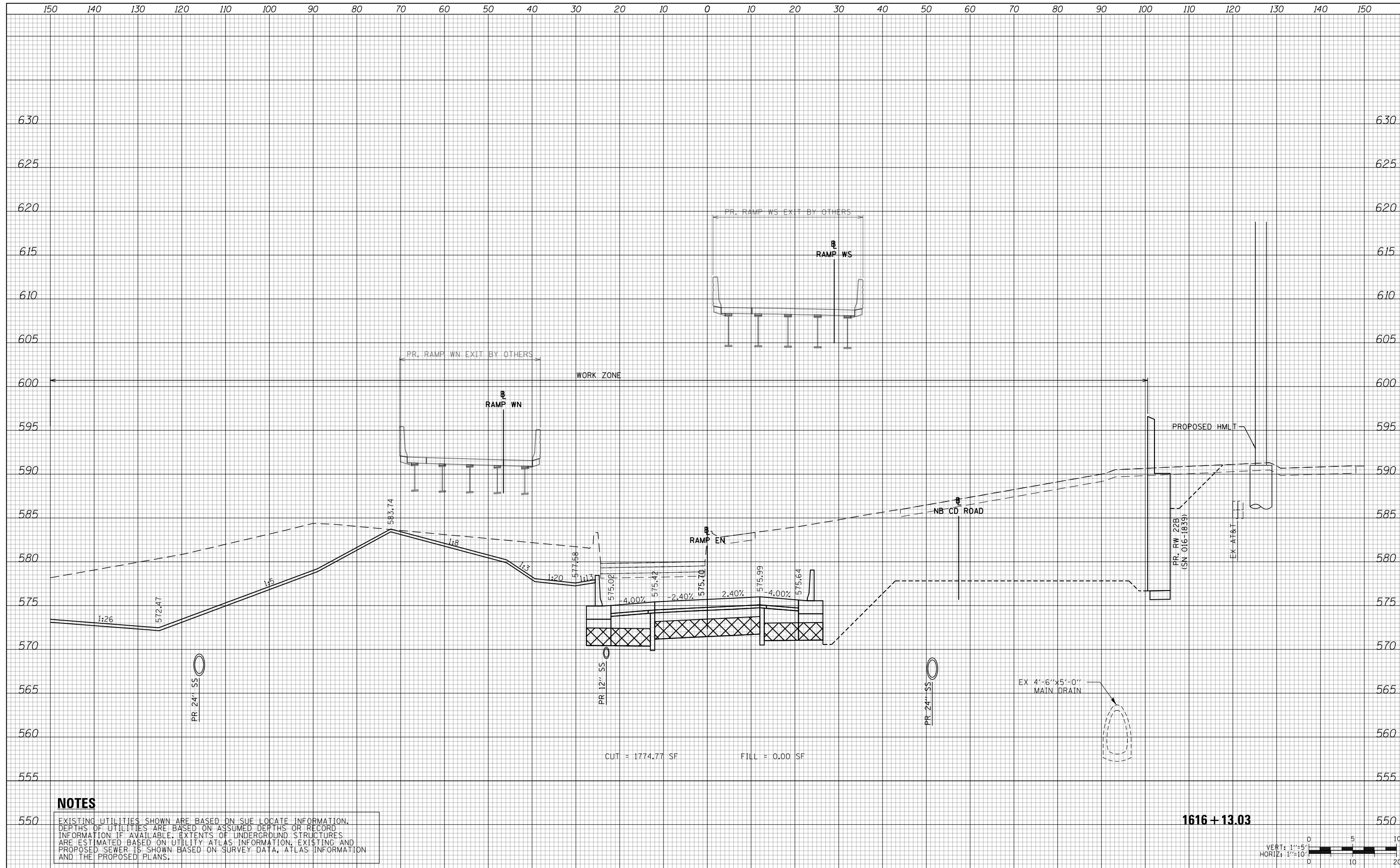
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 24 OF 29 SHEETS STA. 1616+00.00 TO STA. 1616+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	676
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

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

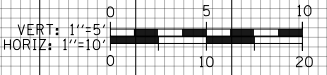


NOTES

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CUT = 1774.77 SF FILL = 0.00 SF

1616 + 13.03



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

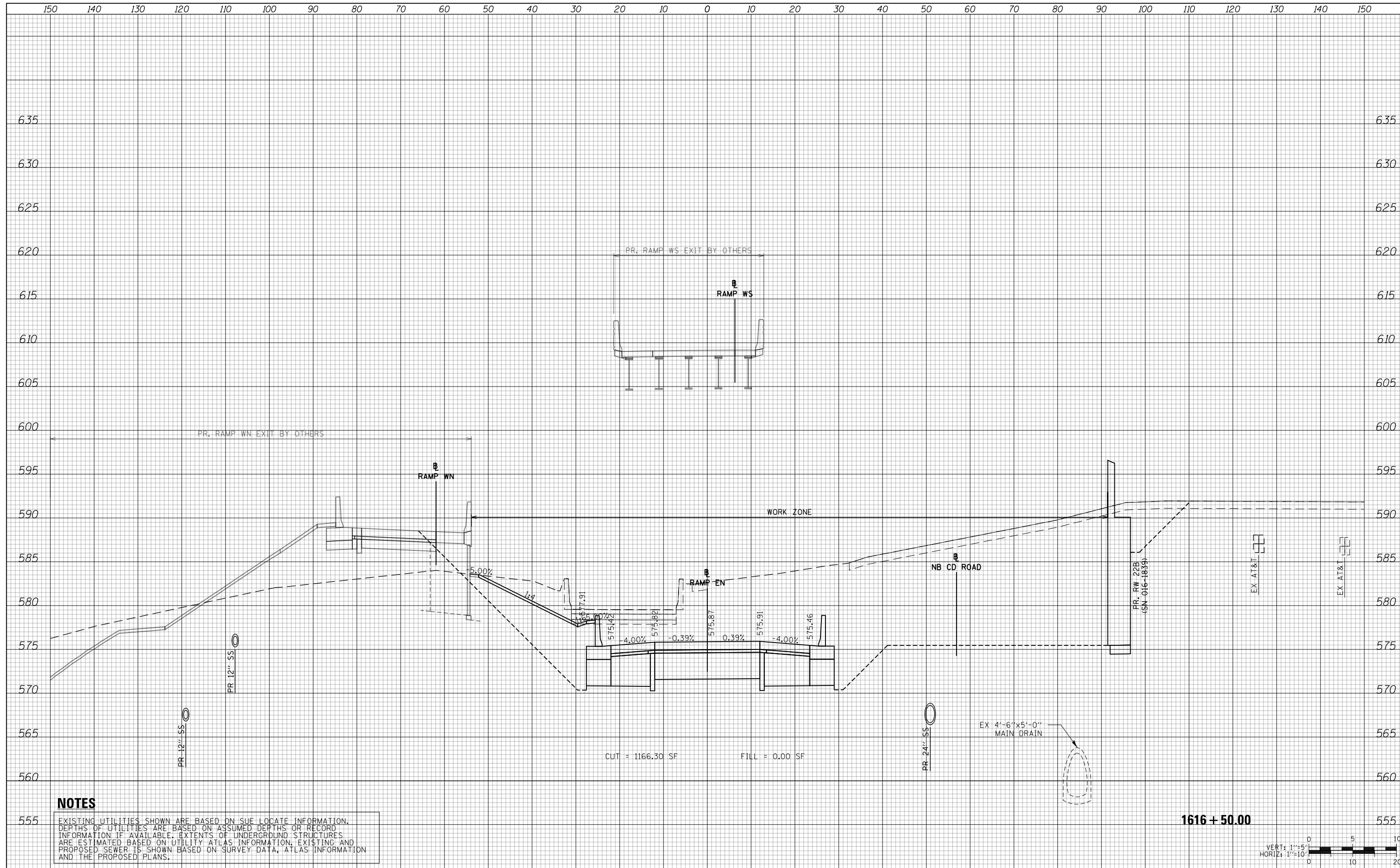
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10:H 5:V SHEET 25 OF 29 SHEETS STA. 1616+13.03 TO STA. 1616+13.03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	677
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

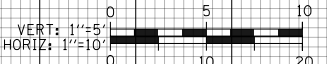
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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NOTES

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1616 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
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PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

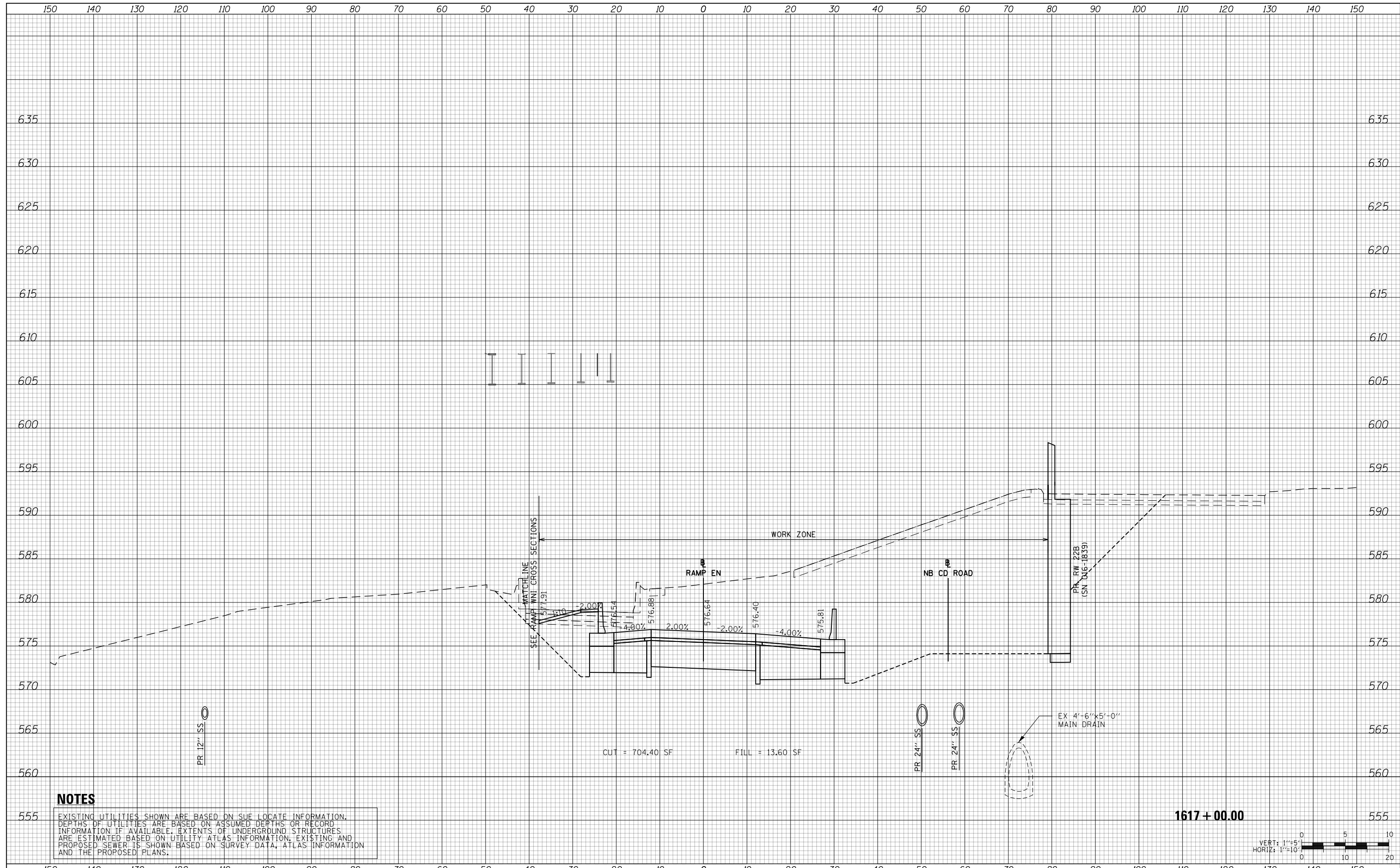
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	678
CONTRACT NO. 60X79				

SCALE: 10:H 5:V SHEET 26 OF 29 SHEETS STA. 1616+50.00 TO STA. 1616+50.00

ILLINOIS FED. AID PROJECT



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

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1617 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

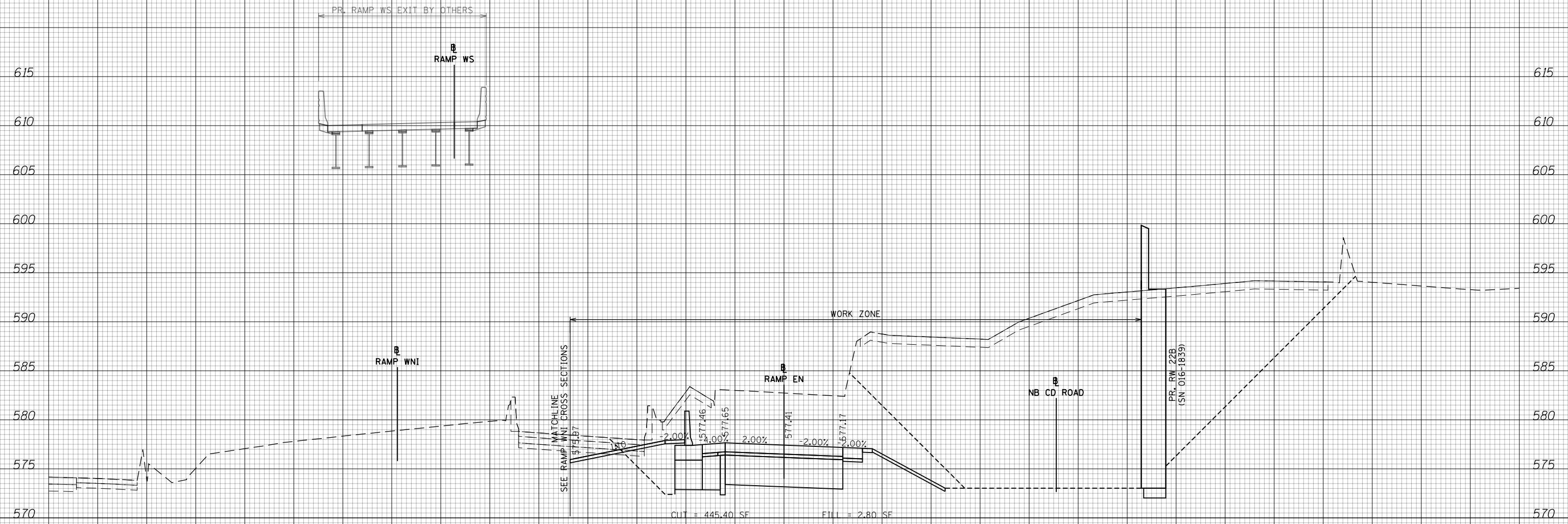
SCALE: 10'H 5'V SHEET 27 OF 29 SHEETS STA. 1617+00.00 TO STA. 1617+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	679
CONTRACT NO. 60X79				
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 NO.	

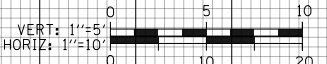
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TEMPLATE	
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CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



NOTES

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1617 + 70.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

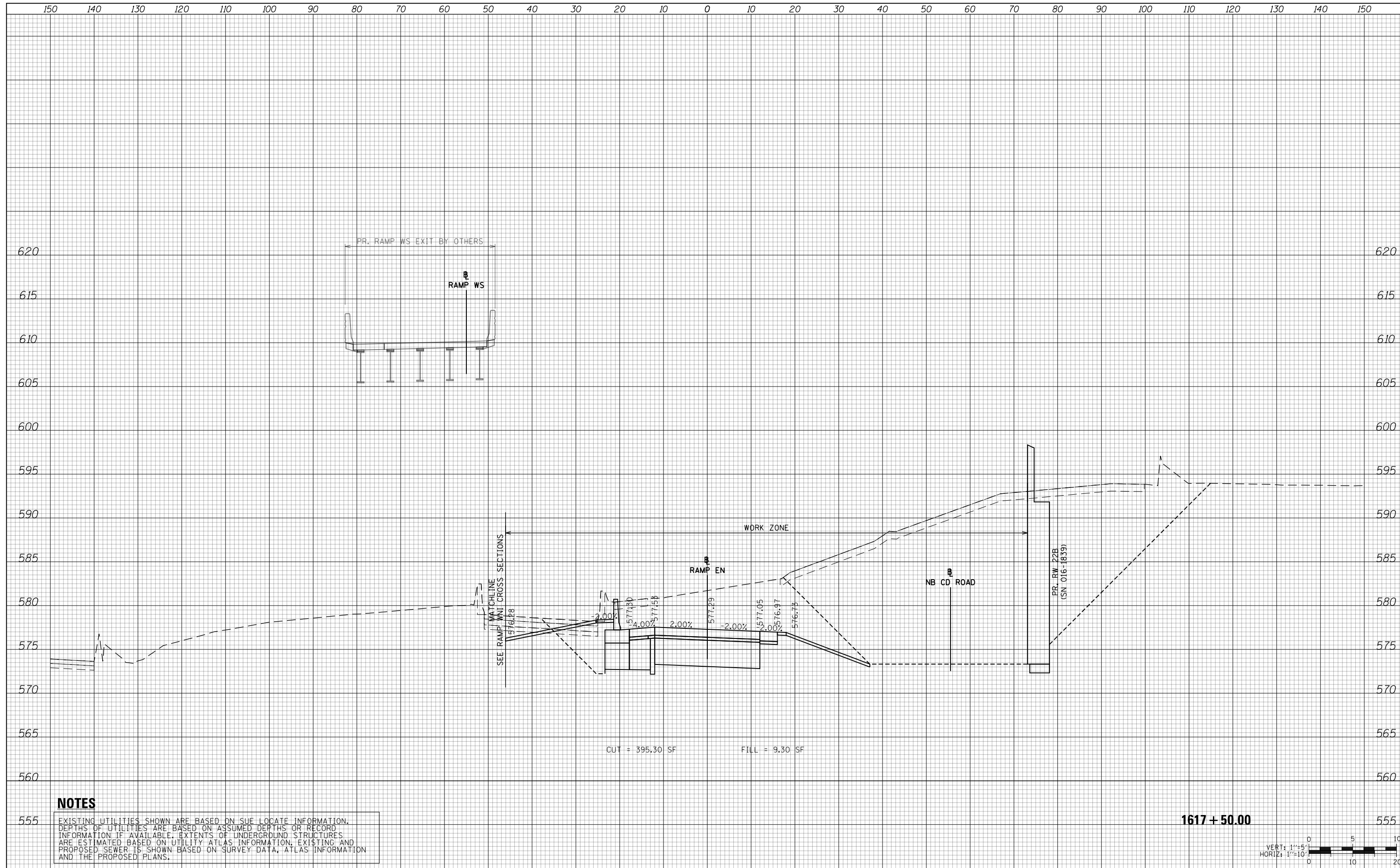
**CROSS SECTIONS
RAMP EN STAGE 2**

SCALE: 10'H 5'V SHEET 29 OF 29 SHEETS STA. 1617+70.00 TO STA. 1617+70.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	681
CONTRACT NO. 60X79				
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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1617 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 2.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 2**

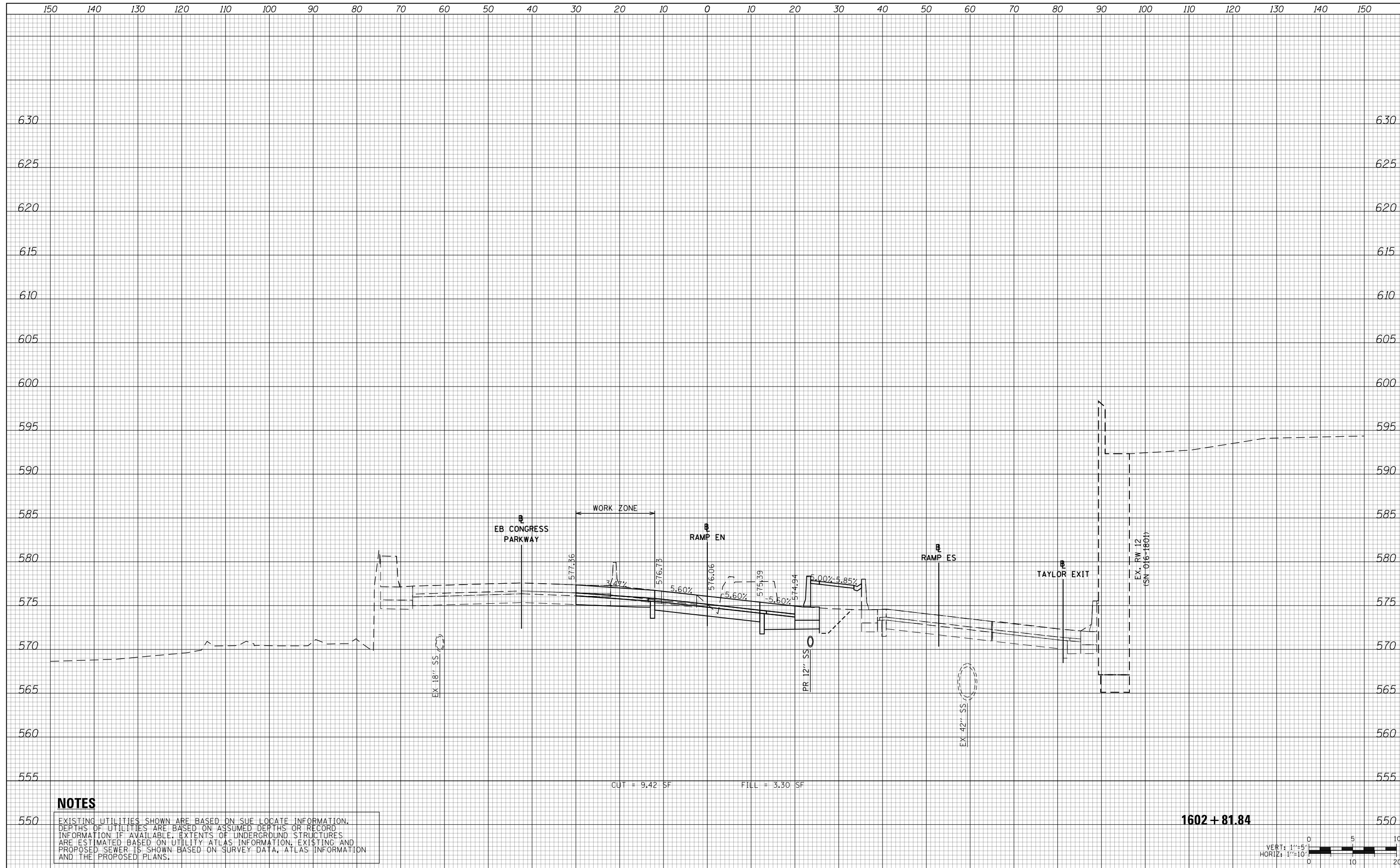
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	681
CONTRACT NO. 60X79				

SCALE: 10:H 5:V SHEET 29 OF 29 SHEETS STA. 1617+50.00 TO STA. 1617+50.00

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.	



CUT = 9.42 SF FILL = 3.30 SF

NOTES

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1602 + 81.84



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 3**

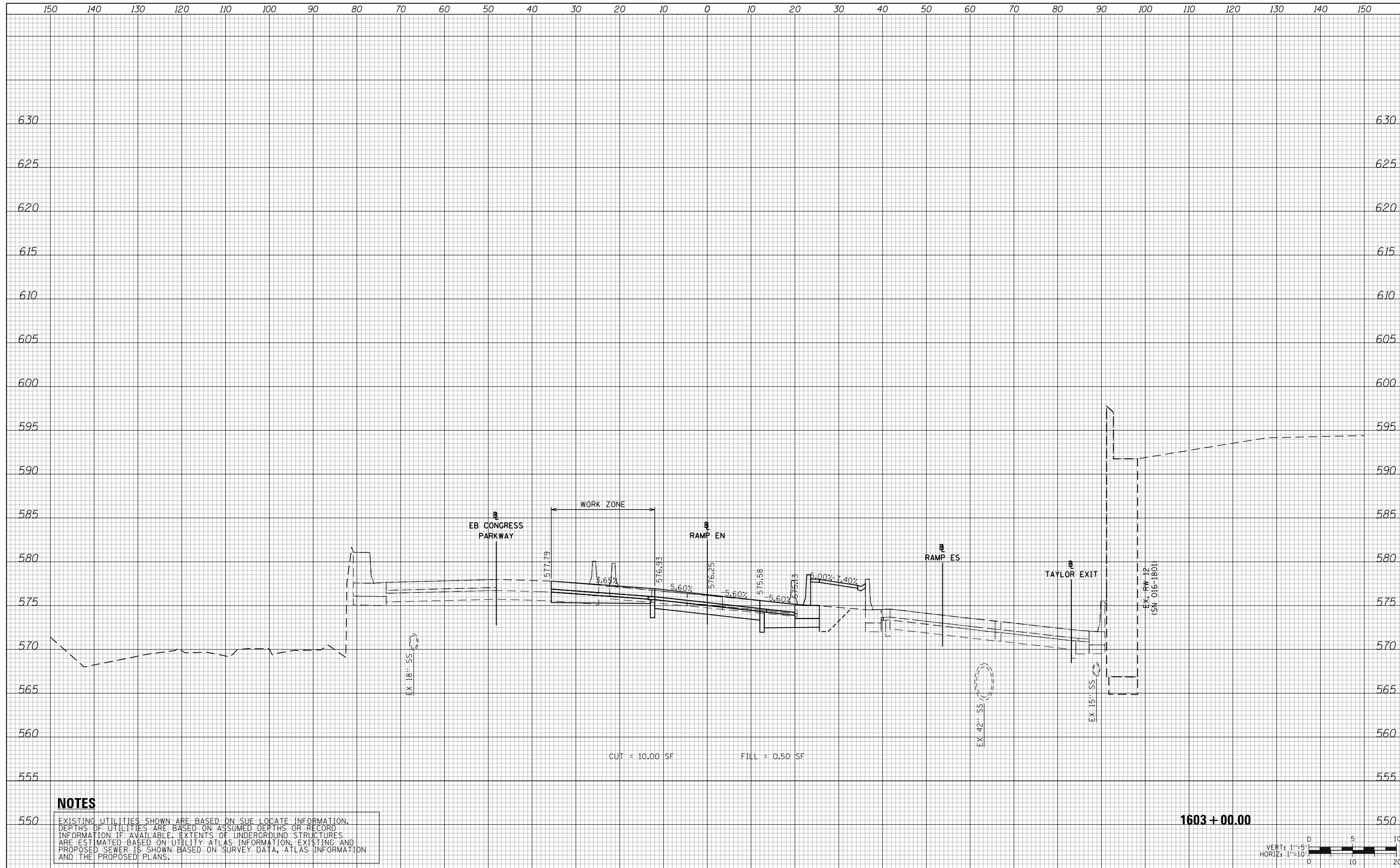
SCALE: 10:H 5:V SHEET 1 OF 29 SHEETS STA. 1602+81.84 TO STA. 1602+81.84

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	682
				CONTRACT NO. 60X79

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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1603 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 3**

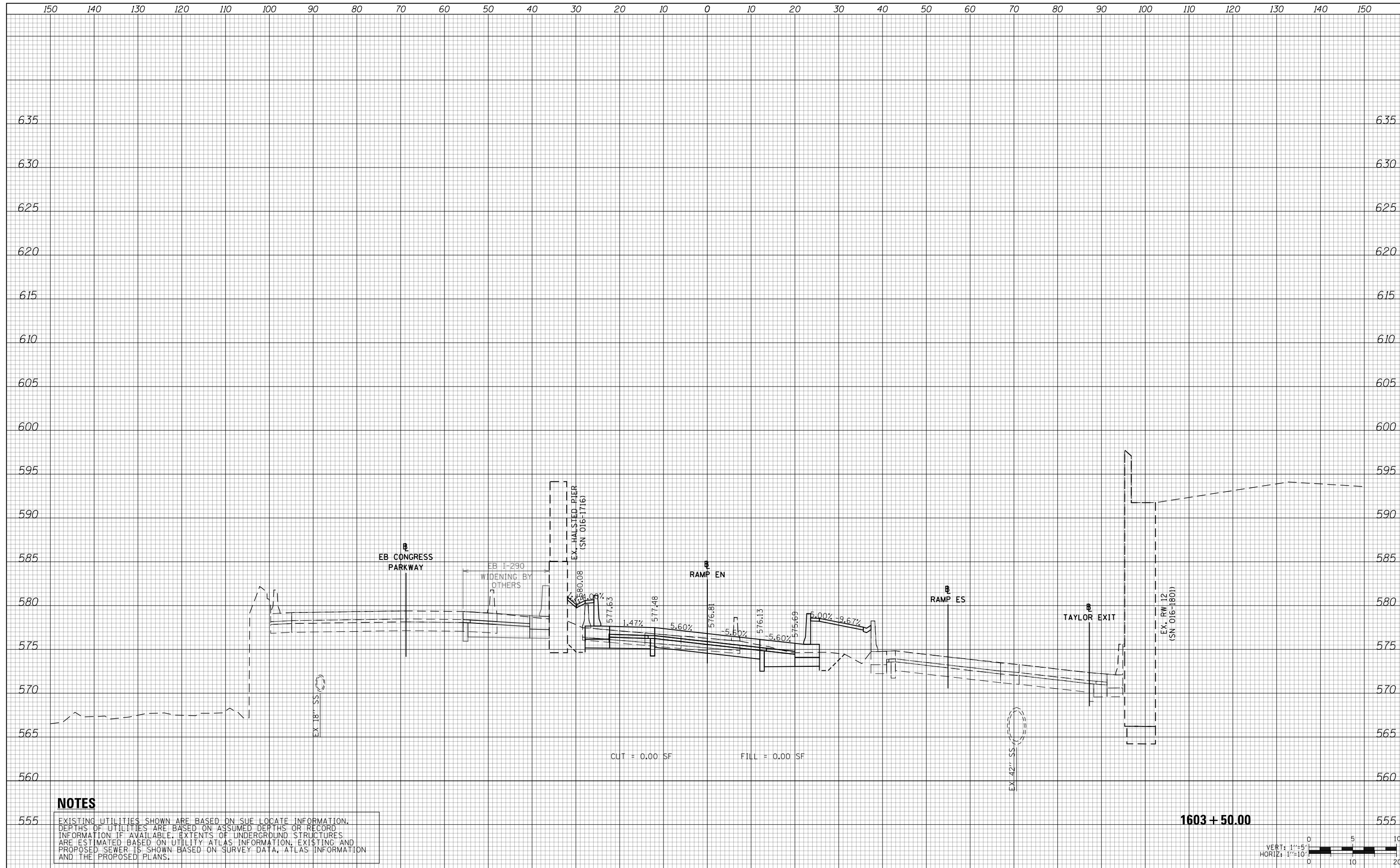
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	683
CONTRACT NO. 60X79				

SCALE: 10:H 5:V SHEET 2 OF 29 SHEETS STA. 1603+00.00 TO STA. 1603+00.00

ILLINOIS FED. AID PROJECT

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

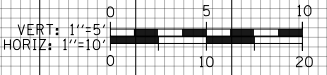
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED PLOTTED TEMPLATE AREAS CHECKED	
NOTE BOOK AREAS CHECKED	



NOTES

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1603 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 3**

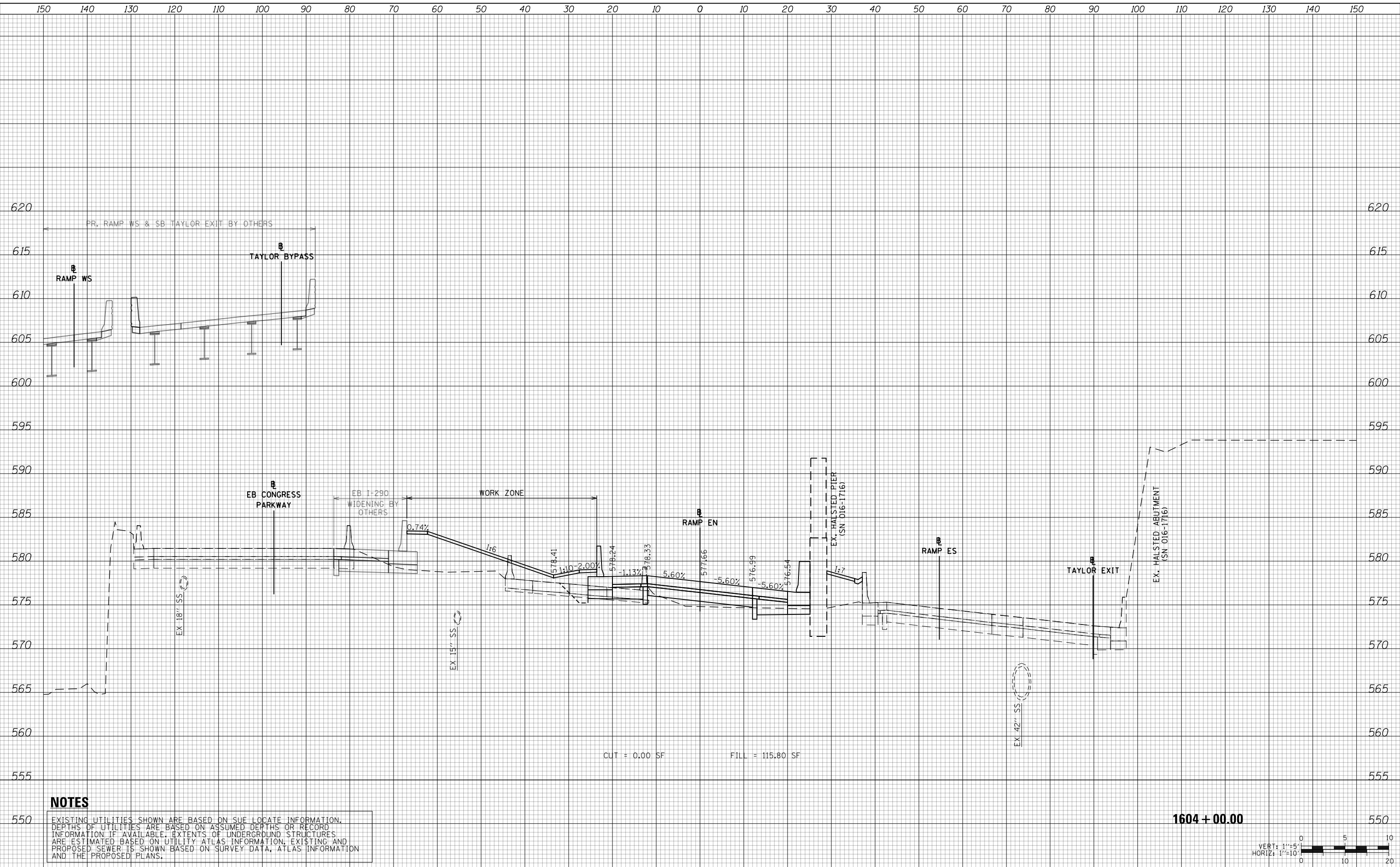
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	684
CONTRACT NO. 60X79				

SCALE: 10:H 5:V SHEET 3 OF 29 SHEETS STA. 1603+50.00 TO STA. 1603+50.00

ILLINOIS FED. AID PROJECT

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

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



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

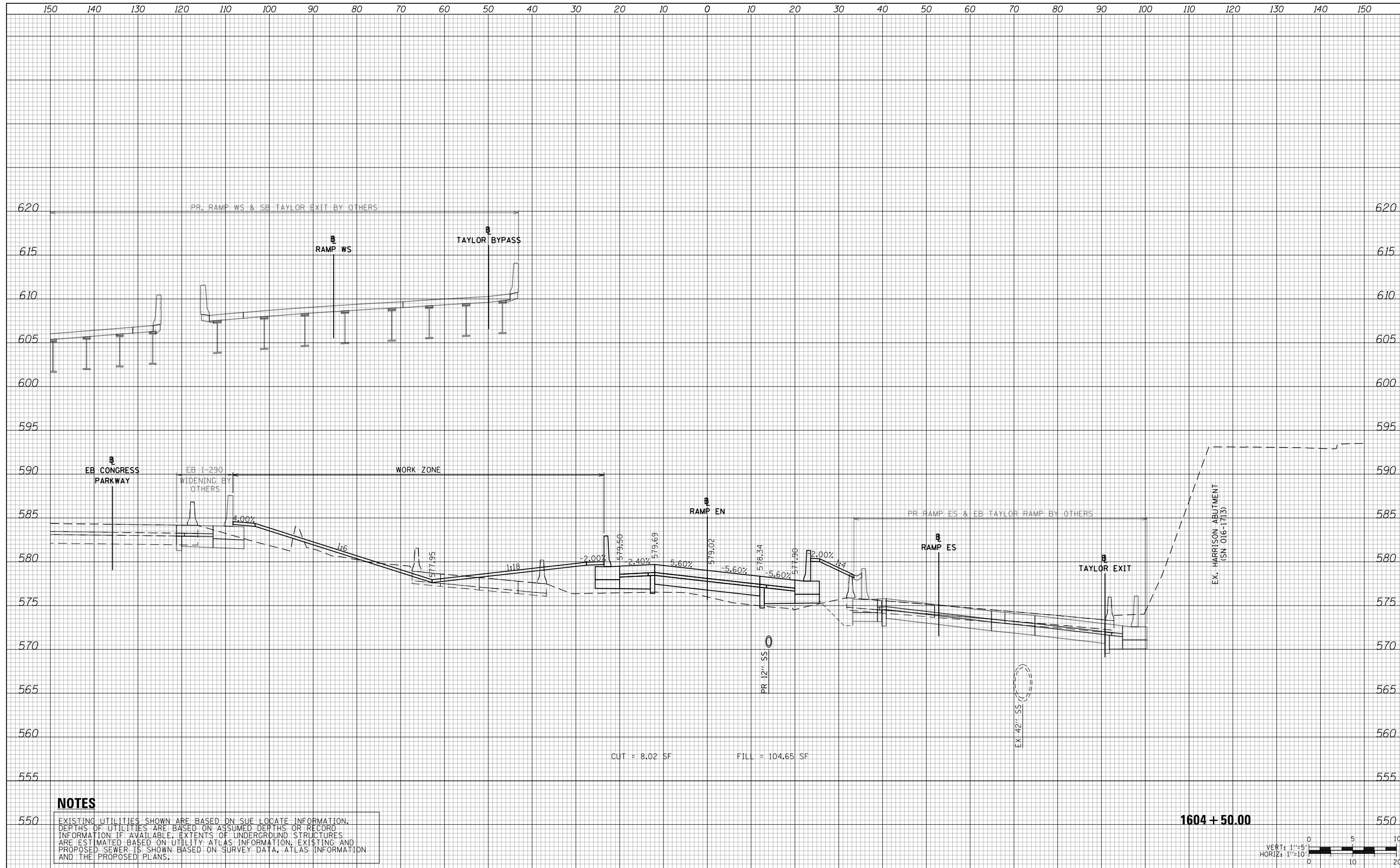
**CROSS SECTIONS
RAMP EN STAGE 3**

SCALE: 10'H 5'V SHEET 4 OF 29 SHEETS STA. 1604+00.00 TO STA. 1604+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	685
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

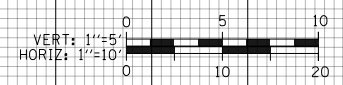
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEY PLOTTED	
TEMPLATE AREAS CHECKED	
NOTE BOOK AREAS CHECKED	



NOTES

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1604 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

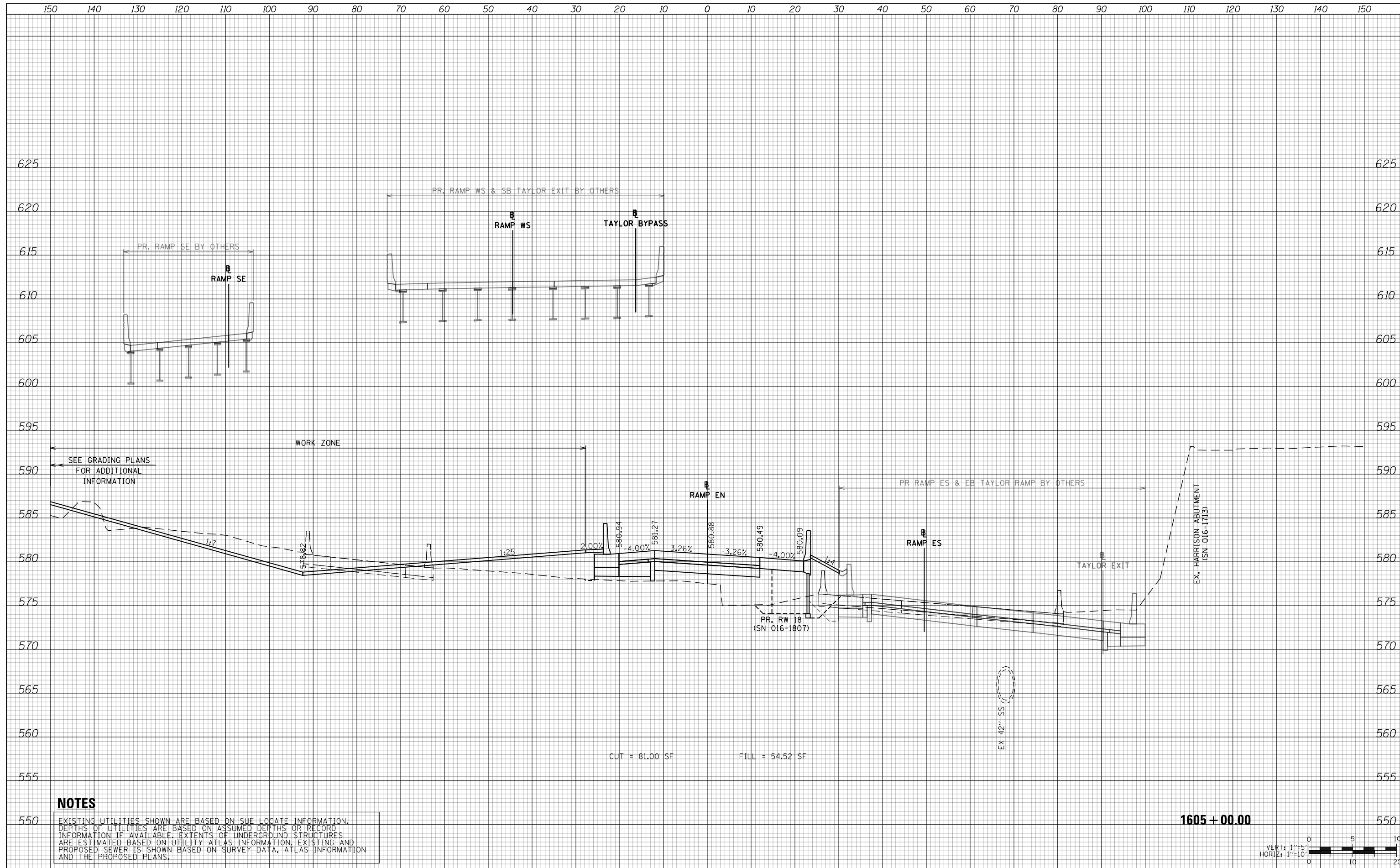
**CROSS SECTIONS
RAMP EN STAGE 3**

SCALE: 10'H 5'V SHEET 5 OF 29 SHEETS STA. 1604+50.00 TO STA. 1604+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	686
				CONTRACT NO. 60X79
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
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TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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1605 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

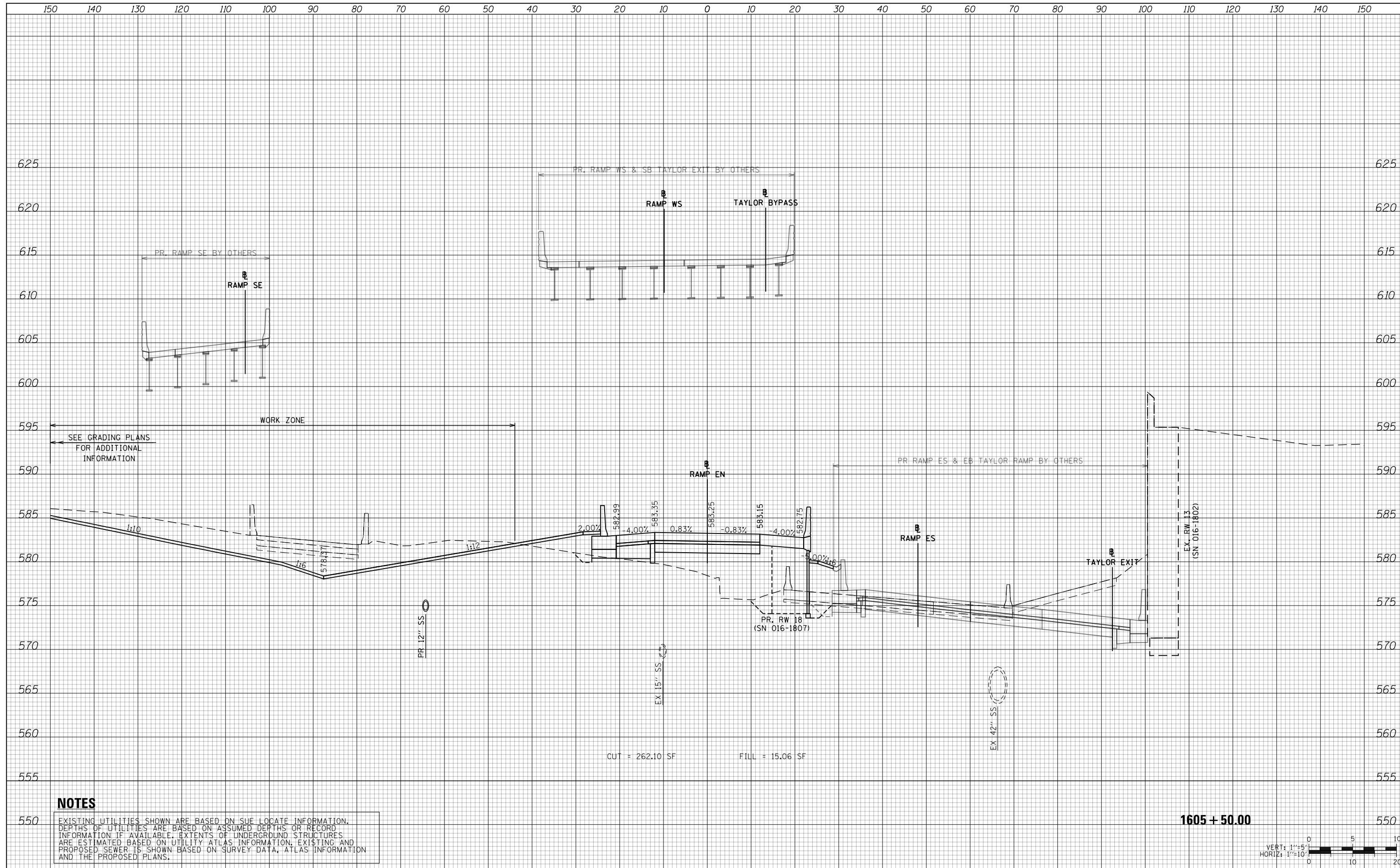
CROSS SECTIONS
RAMP EN STAGE 3

SCALE: 10:H 5:V SHEET 6 OF 29 SHEETS STA. 1605+00.00 TO STA. 1605+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	687
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

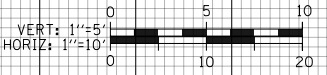
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEY PLOTTED TEMPLATE AREAS CHECKED	
NOTE BOOK NO.	



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1605 + 50.00



D16079-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

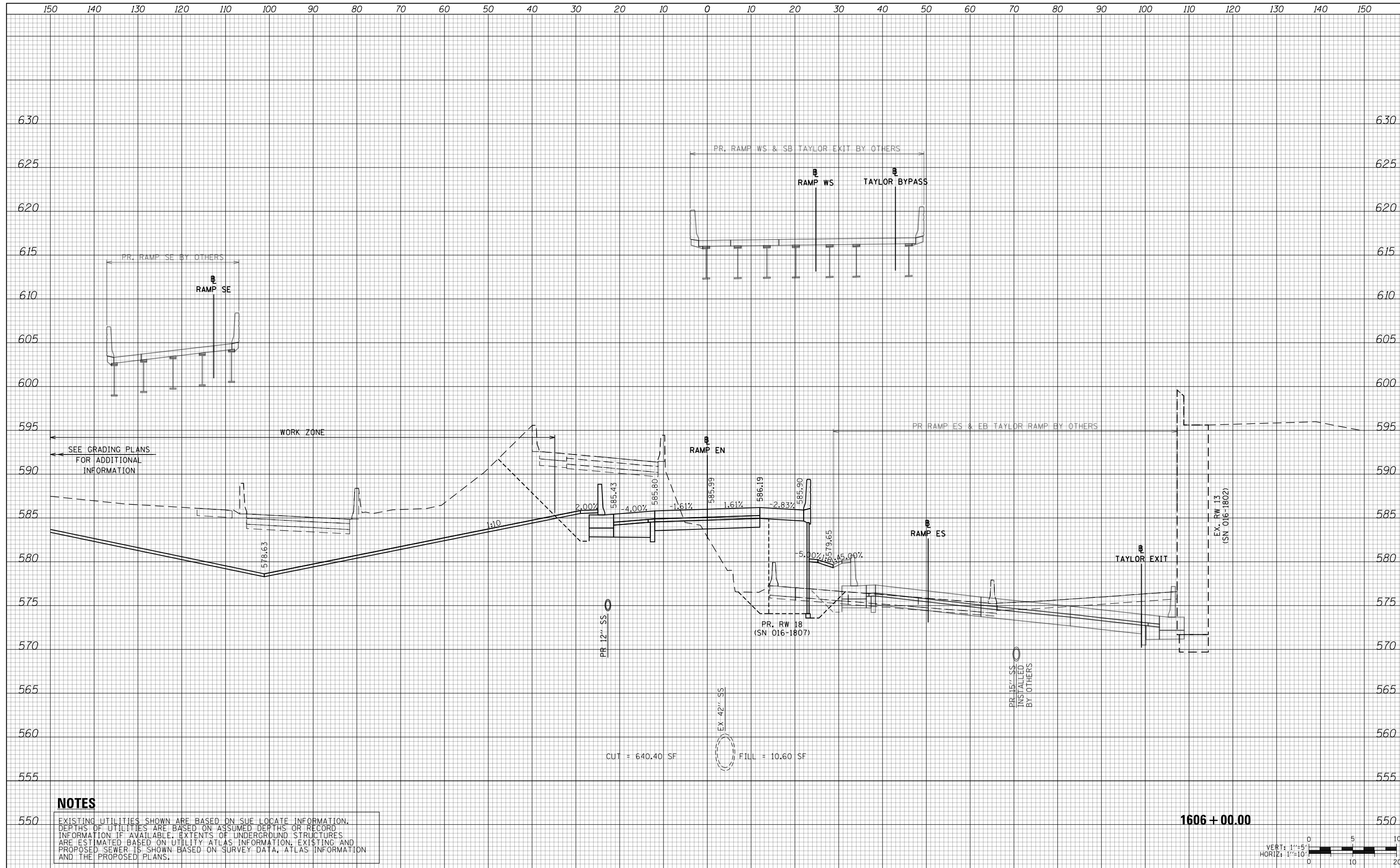
**CROSS SECTIONS
RAMP EN STAGE 3**

SCALE: 10:H 5:V SHEET 7 OF 29 SHEETS STA. 1605+50.00 TO STA. 1605+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	688
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
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TEMPLATE	
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DATE	
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ORIGINAL SURVEY	
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1606 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

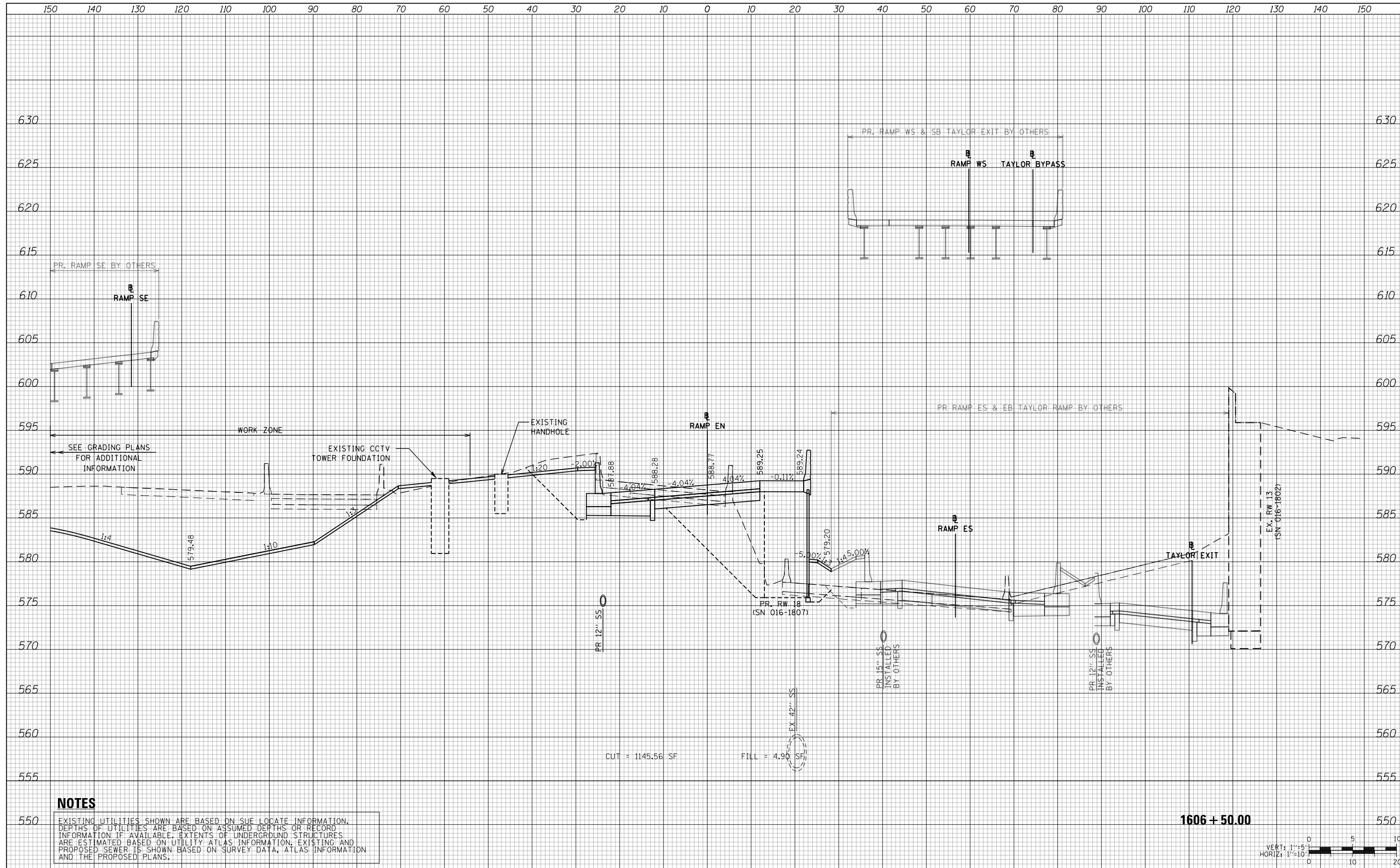
**CROSS SECTIONS
RAMP EN STAGE 3**

SCALE: 10:H 5:V SHEET 8 OF 29 SHEETS STA. 1606+00.00 TO STA. 1606+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	689
				CONTRACT NO. 60X79
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
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1606 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

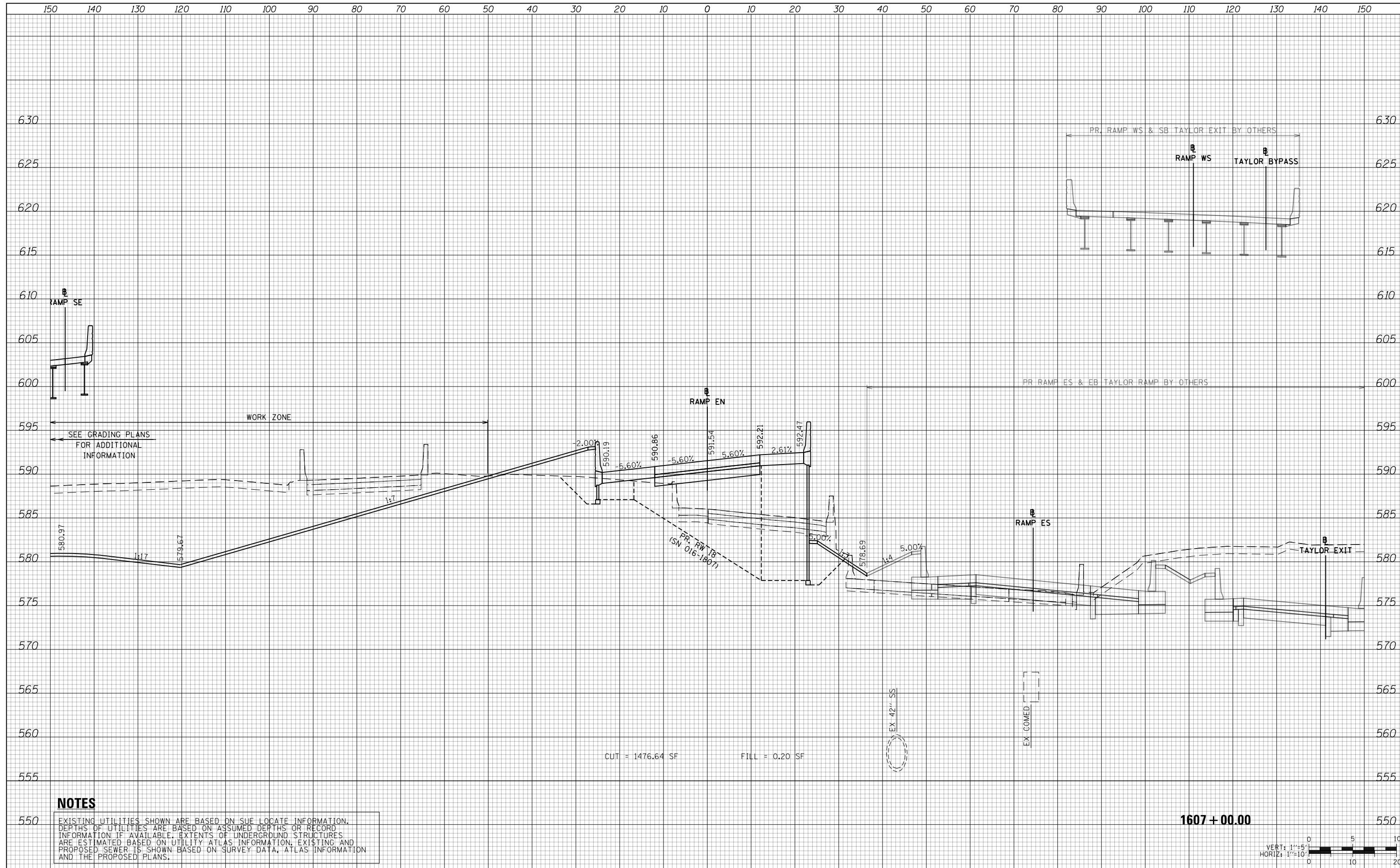
**CROSS SECTIONS
RAMP EN STAGE 3**

SCALE: 10H 5:V SHEET 9 OF 29 SHEETS STA. 1606+50.00 TO STA. 1606+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	690
CONTRACT NO. 60X79			ILLINOIS FED. AID PROJECT	

DATE	
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FINAL SURVEY	
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DATE	
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1607 + 00.00



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

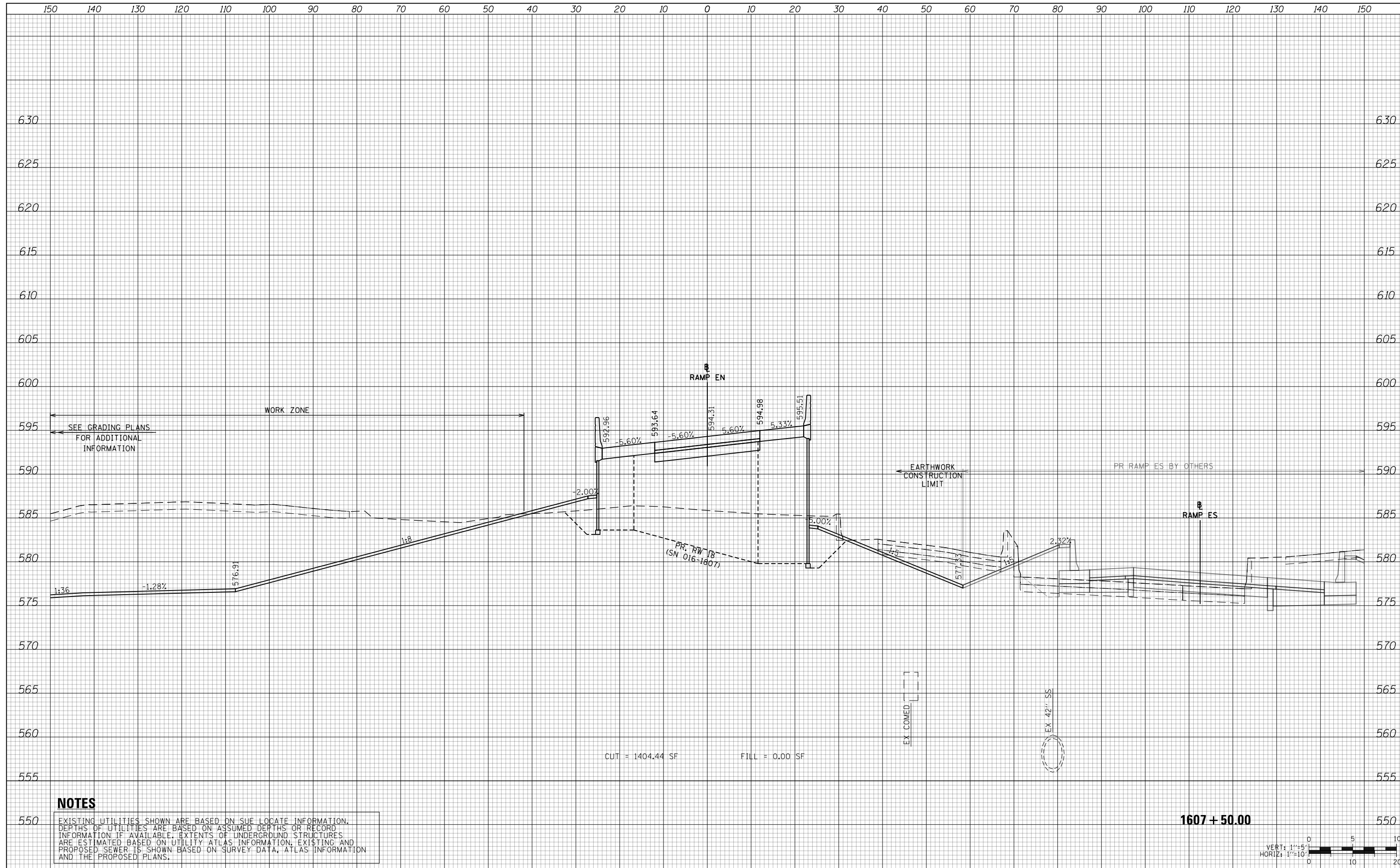
CROSS SECTIONS
RAMP EN STAGE 3

SCALE: 10:H 5:V SHEET 10 OF 29 SHEETS STA. 1607+00.00 TO STA. 1607+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	691
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

DATE	
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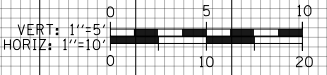
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1607 + 50.00



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

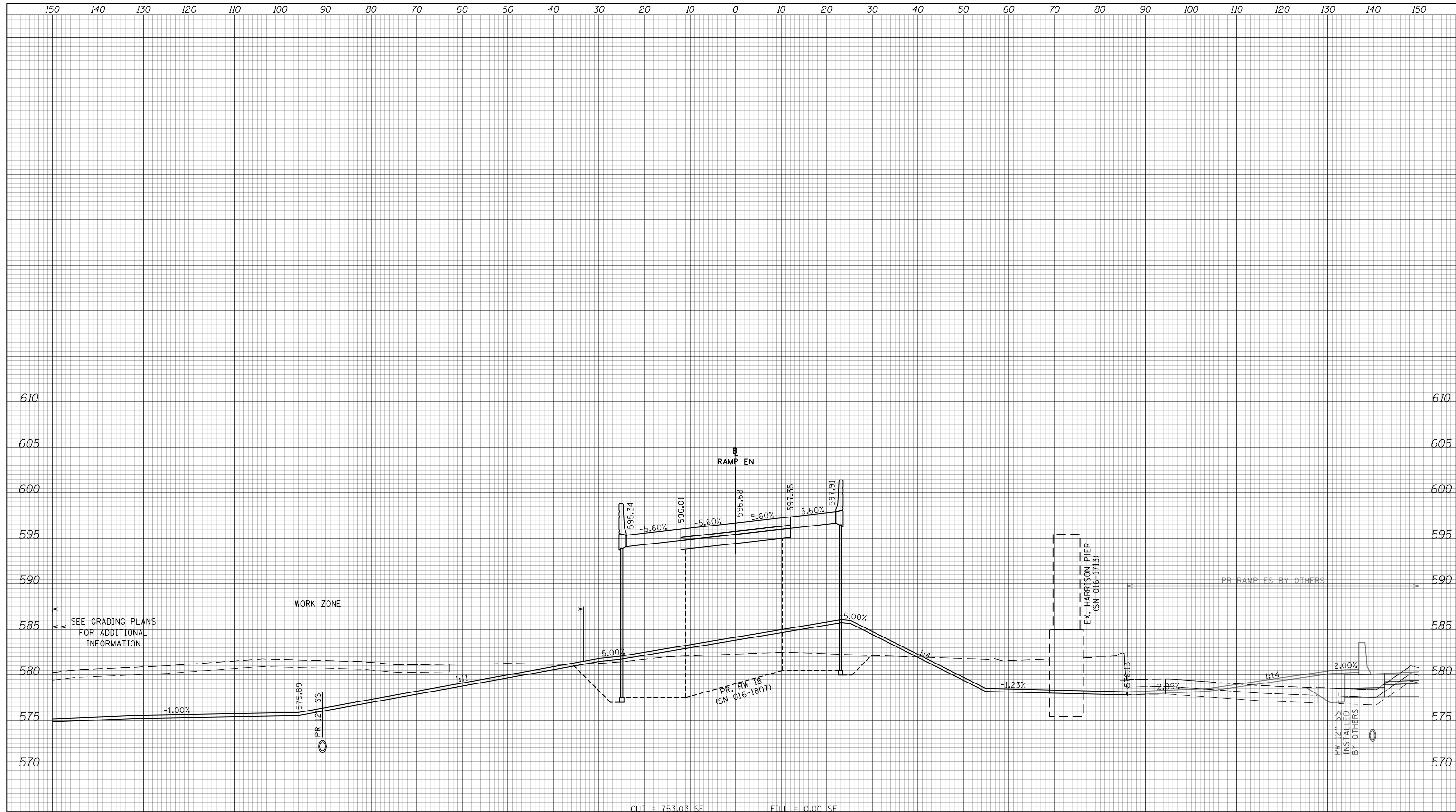
**CROSS SECTIONS
RAMP EN STAGE 3**

SCALE: 10:H 5:V SHEET 11 OF 29 SHEETS STA. 1607+50.00 TO STA. 1607+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	692
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

DATE	
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TEMPLATE	
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FINAL SURVEY	
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DATE	
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NOTES

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1607 + 92.81



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 3**

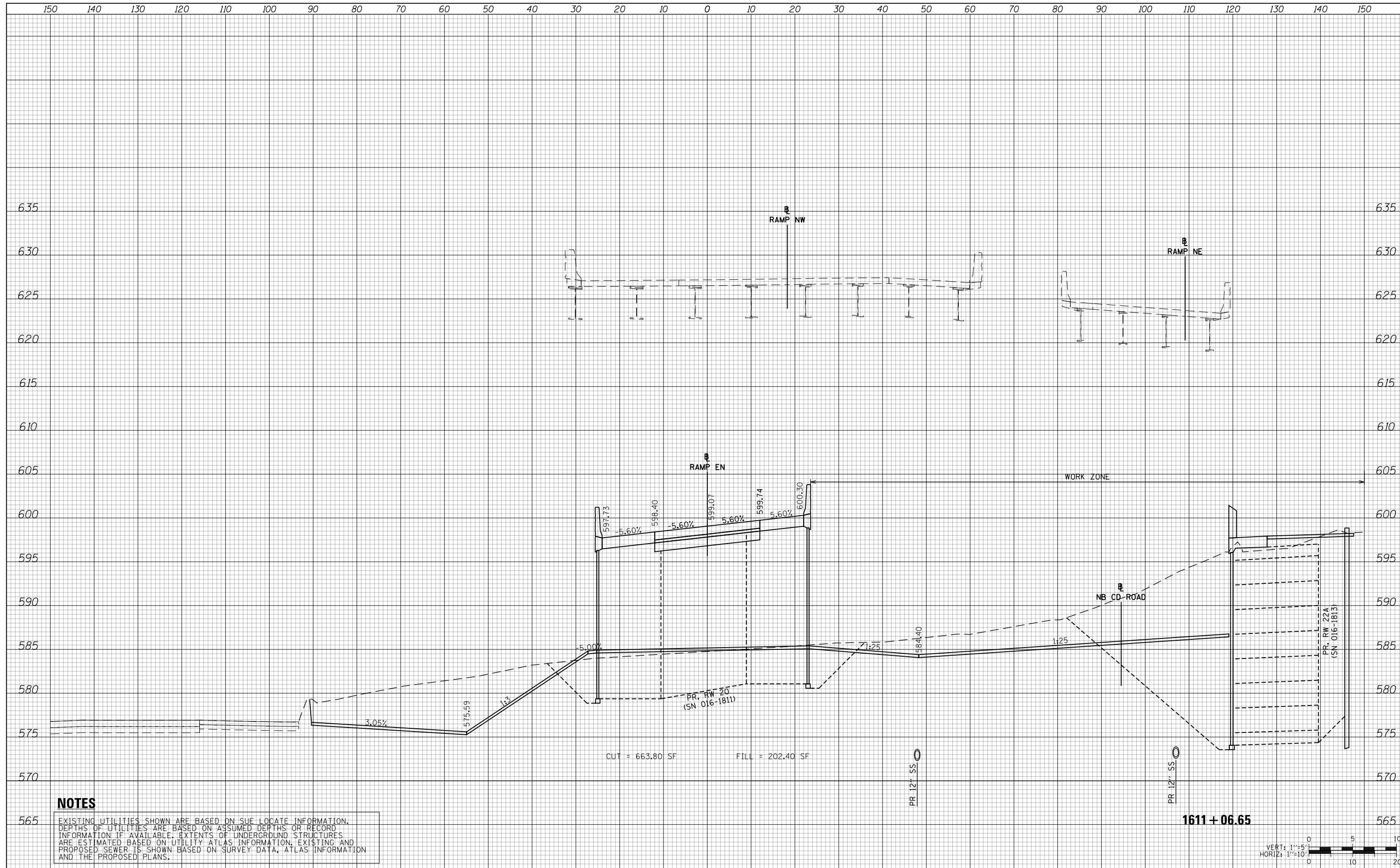
SCALE: 10'H 5'V SHEET 12 OF 29 SHEETS STA. 1607+92.81 TO STA. 1607+92.81

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	693
				CONTRACT NO. 60X79

ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
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FINAL SURVEY	
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DATE	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

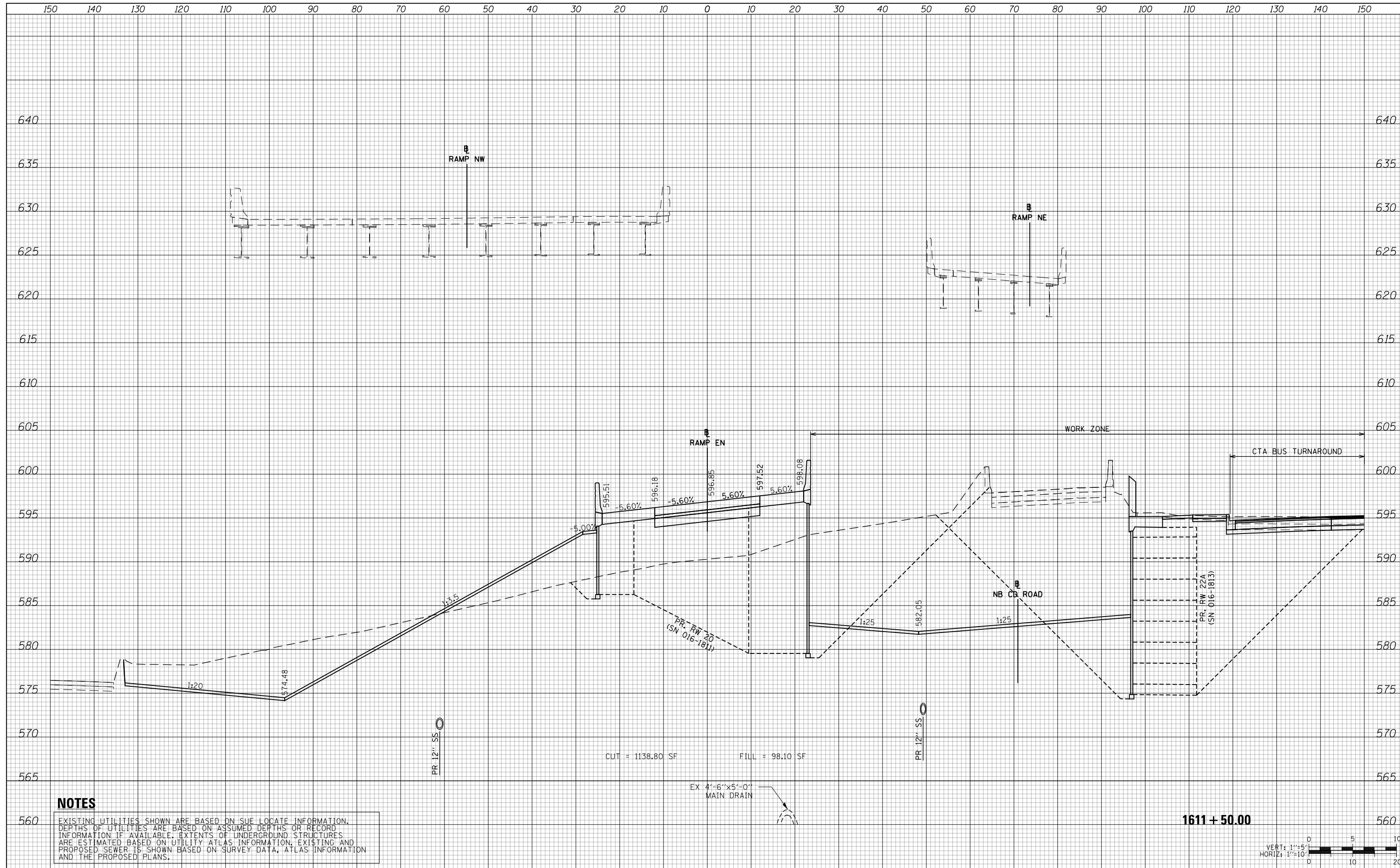
**CROSS SECTIONS
RAMP EN STAGE 3**

SCALE: 10'H 5'V SHEET 13 OF 29 SHEETS STA. 1611+06.65 TO STA. 1611+06.65

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	694
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
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FINAL SURVEY	
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DATE	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
RAMP EN STAGE 3**

D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
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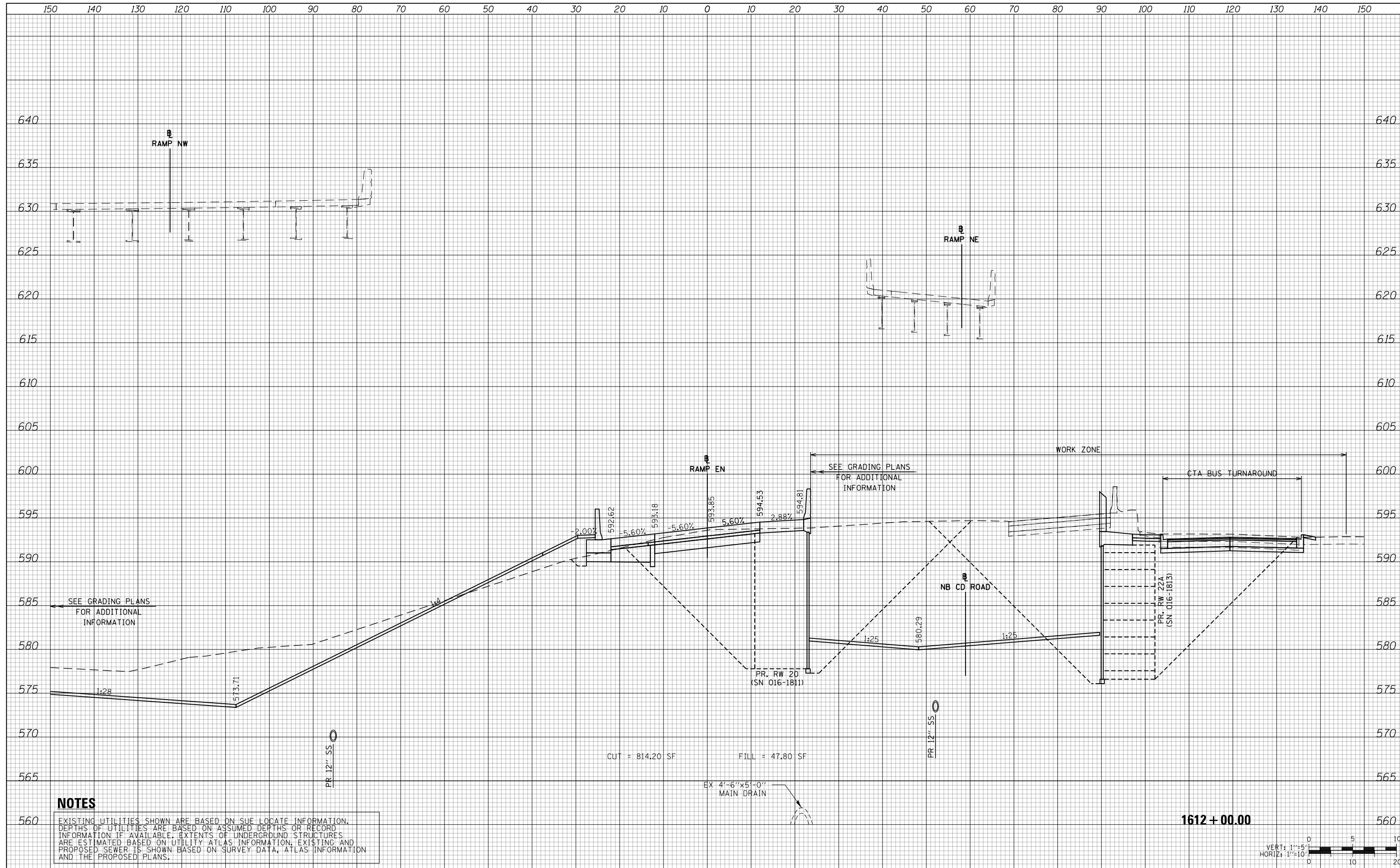
SCALE: 10'H 5'V SHEET 14 OF 29 SHEETS STA. 1611+50.00 TO STA. 1611+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	695
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				



DATE	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

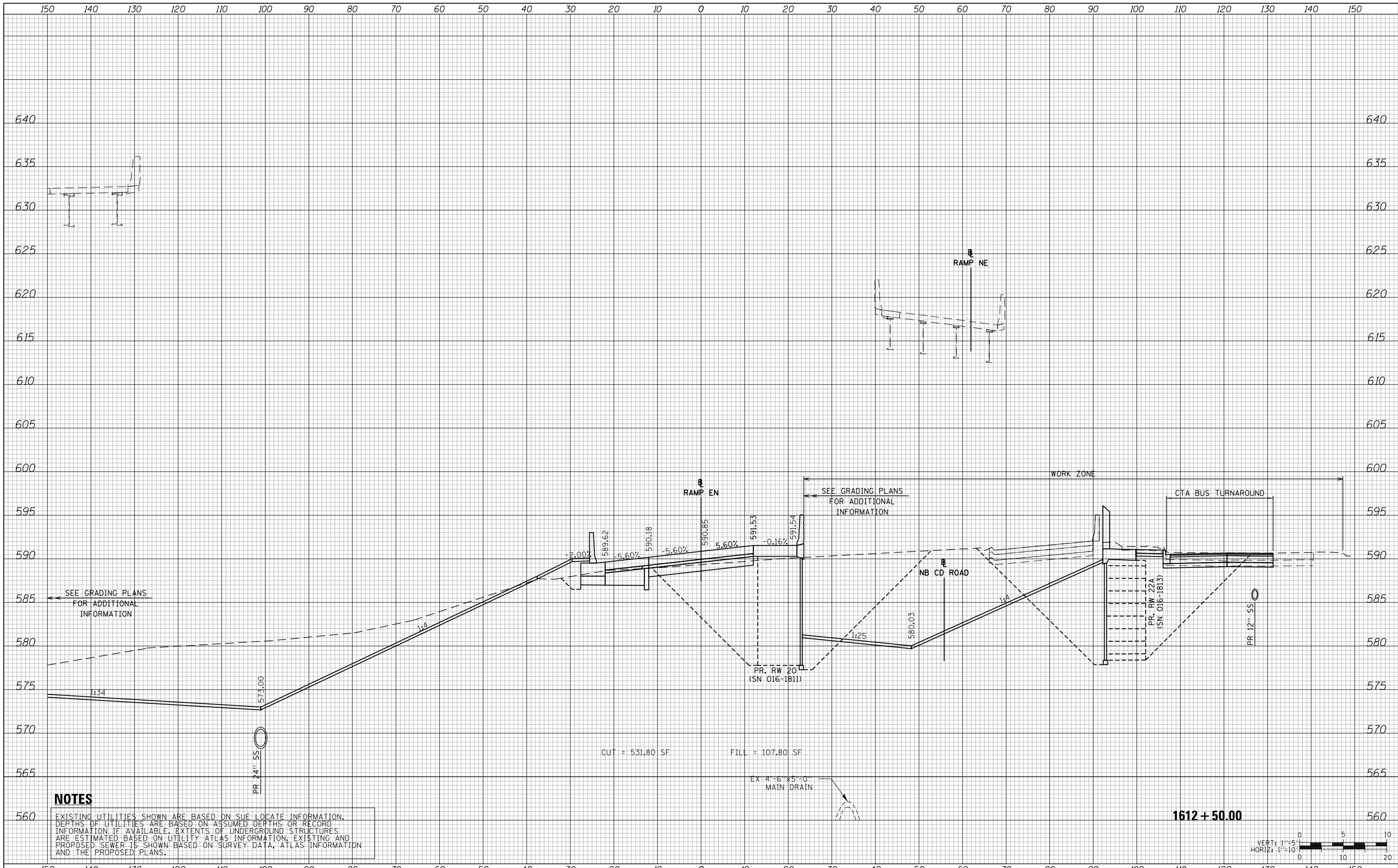
**CROSS SECTIONS
RAMP EN STAGE 3**

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PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

SCALE: 10'H 5'V SHEET 15 OF 29 SHEETS STA. 1612+00.00 TO STA. 1612+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	696
				CONTRACT NO. 60X79
ILLINOIS FED. AID PROJECT				



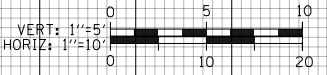


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DATE	
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ORIGINAL SURVEY NO.	
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D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
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PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

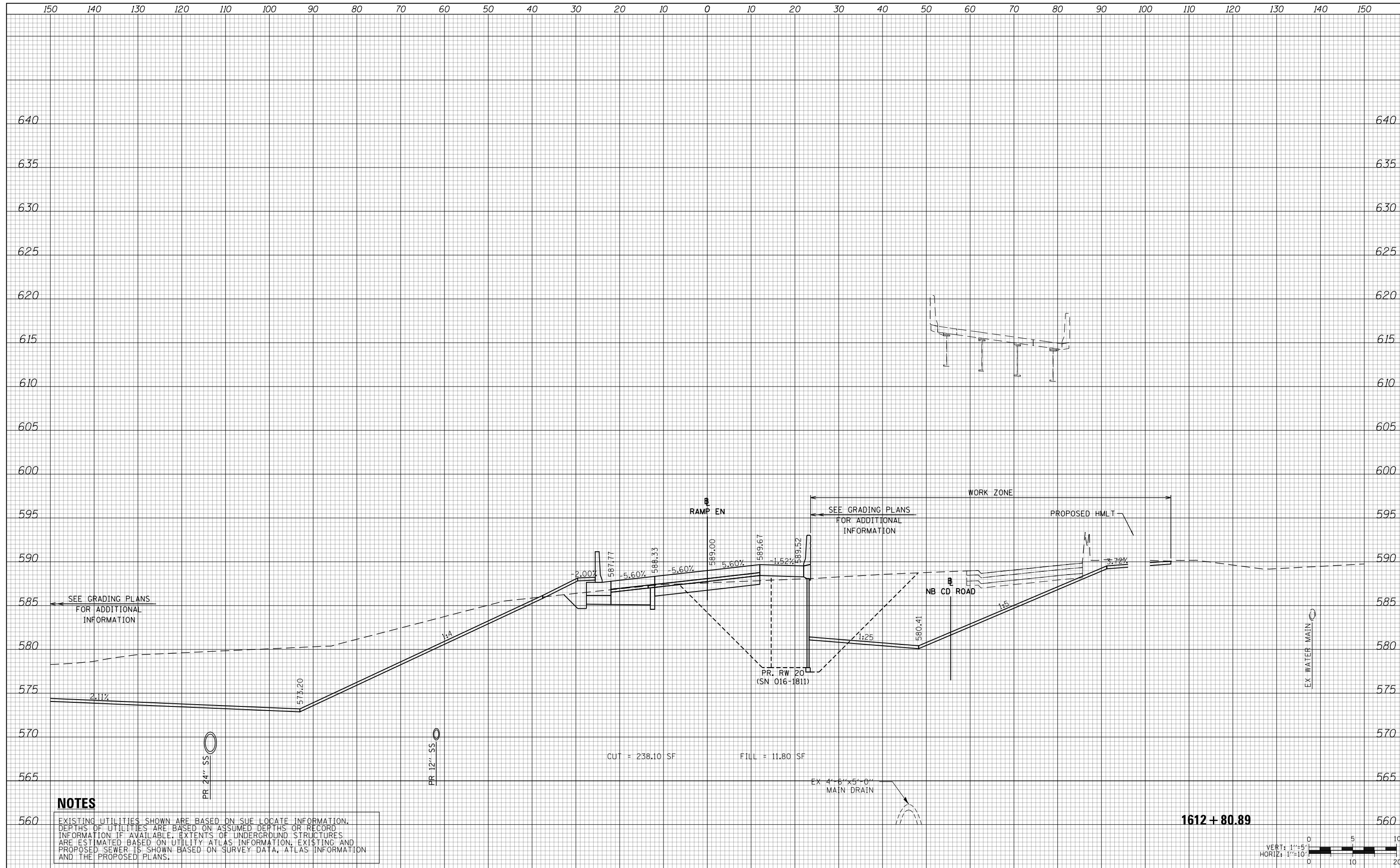
**CROSS SECTIONS
RAMP EN STAGE 3**

SCALE: 10'H 5'V SHEET 16 OF 29 SHEETS STA. 1612+50.00 TO STA. 1612+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	697
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

DATE	
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DATE	
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1612 + 80.89



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
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PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

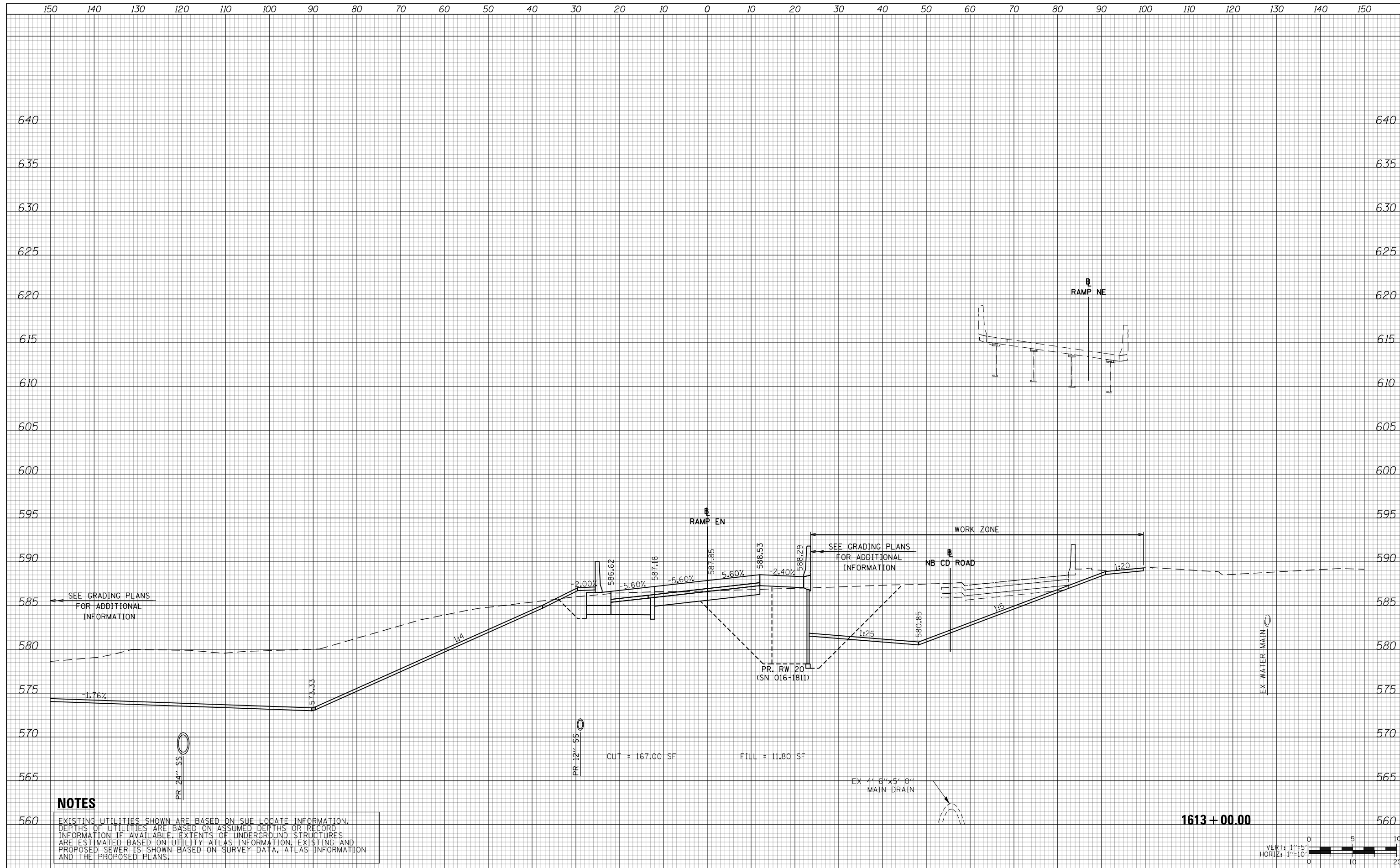
**CROSS SECTIONS
RAMP EN STAGE 3**

SCALE: 10:H 5:V SHEET 17 OF 29 SHEETS STA. 1612+80.89 TO STA. 1612+80.89

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	698
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

DATE	
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CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
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ORIGINAL SURVEY	
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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.



D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MKW	REVISED -
PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

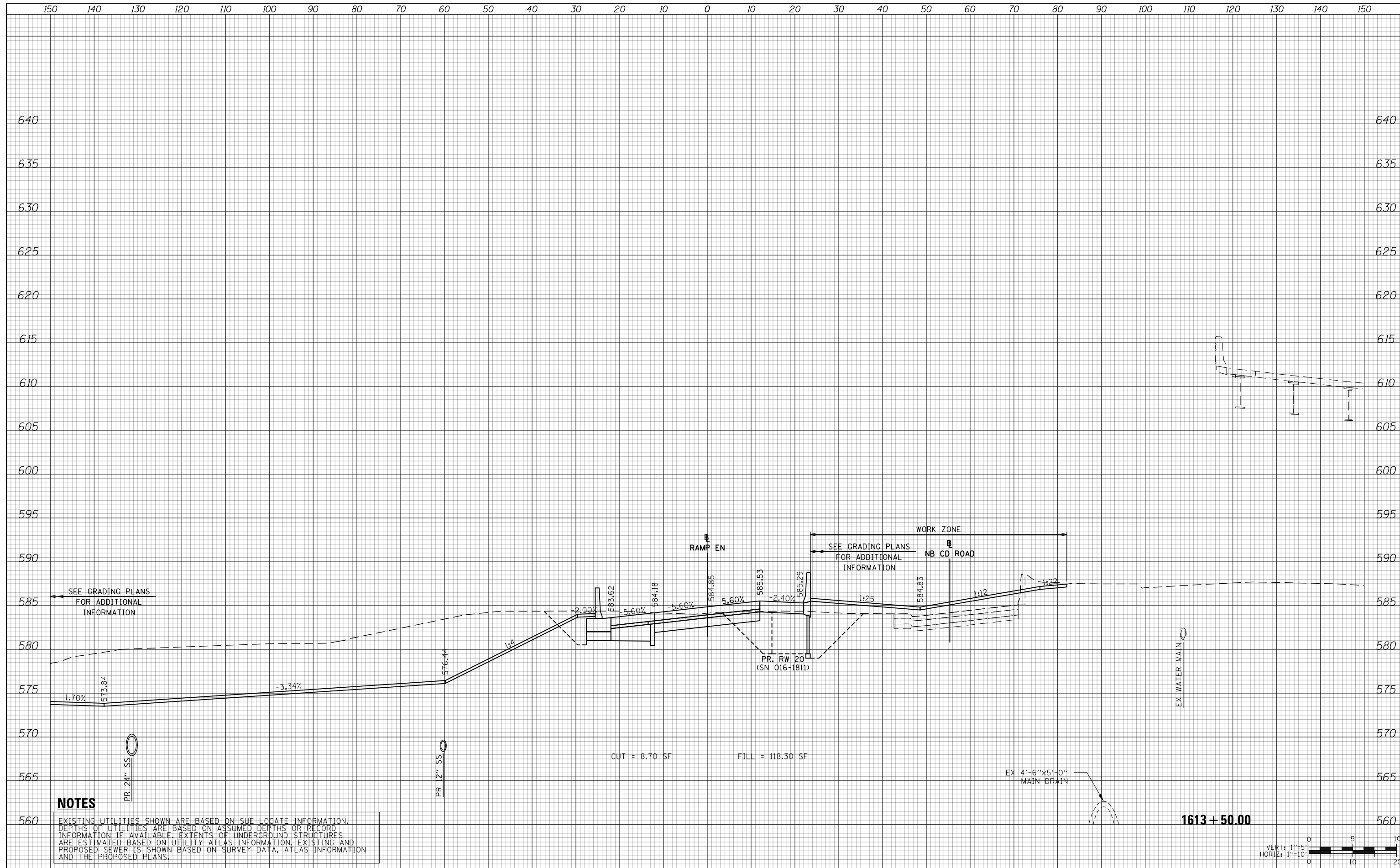
**CROSS SECTIONS
 RAMP EN STAGE 3**

SCALE: 10:H 5:V SHEET 18 OF 29 SHEETS STA. 1613+00.00 TO STA. 1613+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	699
CONTRACT NO. 60X79				
ILLINOIS FED. AID PROJECT				

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

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



NOTES
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D160X79-SHT-XS-Ramp EN-Stage 3.dgn	DESIGNED - VLJ	REVISED -
USER NAME = mkwilson	DRAWN - VLJ	REVISED -
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PLOT DATE = 7/31/2018	DATE - 7-30-2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP EN STAGE 3**

SCALE: 10:H 5:V SHEET 19 OF 29 SHEETS STA. 1613+50.00 TO STA. 1613+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-005R&B	COOK	888	700
				CONTRACT NO. 60X79

ILLINOIS FED. AID PROJECT