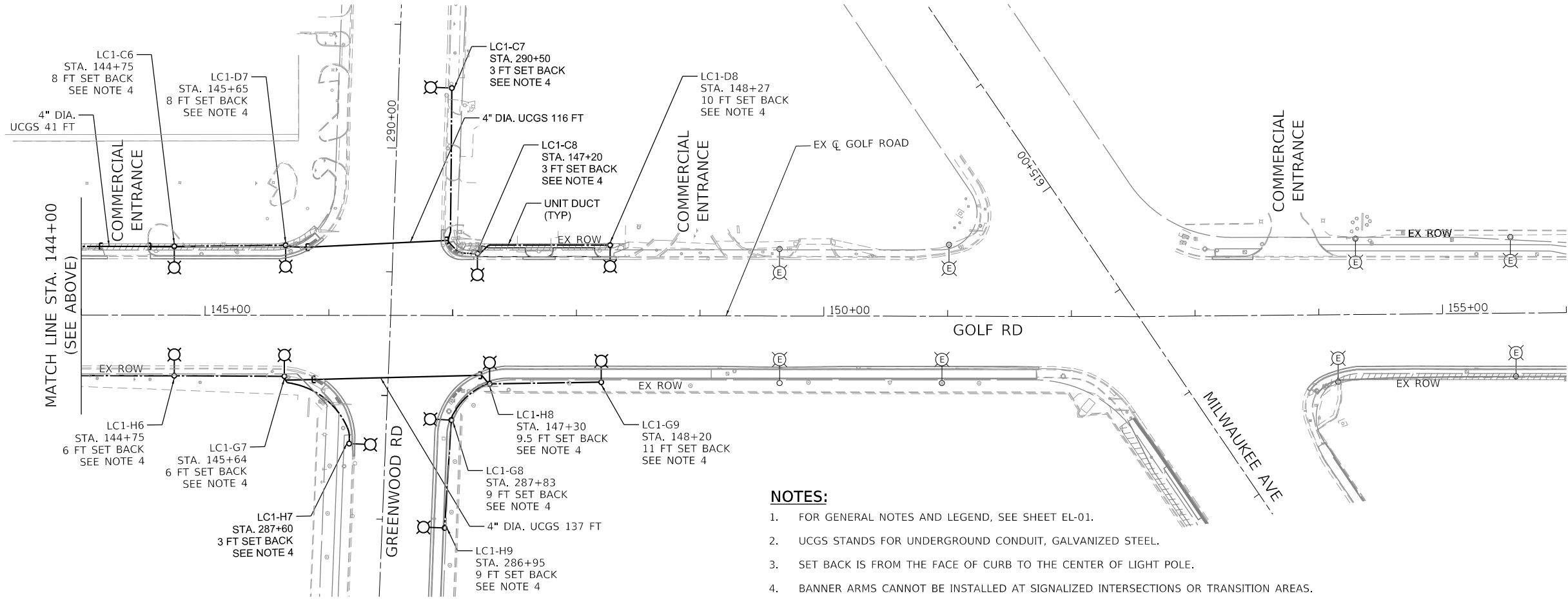
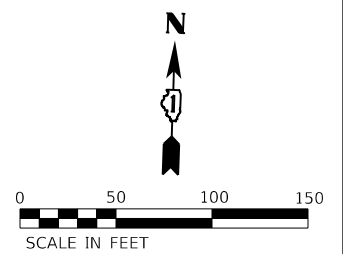


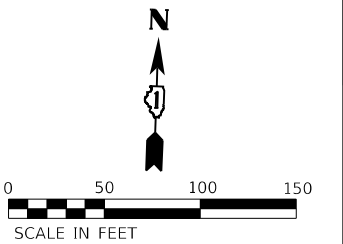
**NOTES:**

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET EL-01.
2. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
3. SET BACK IS FROM THE FACE OF CURB TO THE CENTER OF LIGHT POLE.
4. BANNER ARMS CANNOT BE INSTALLED AT SIGNALIZED INTERSECTIONS OR TRANSITION AREA.



**NOTES:**

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET EL-01.
2. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
3. SET BACK IS FROM THE FACE OF CURB TO THE CENTER OF LIGHT POLE.
4. BANNER ARMS CANNOT BE INSTALLED AT SIGNALIZED INTERSECTIONS OR TRANSITION AREAS.



HRG PROJECT NO.: #PROJECT008  
 HRG PROJ. CONTACT: #HRG008  
 FILE NAME: 20240527-SP17-Right-Golf-EL-03.dgn  
 PEN TABLE: #PEN TABLES

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 6330 Belmont Road, Suite 4B  
 Downers Grove, IL 60516

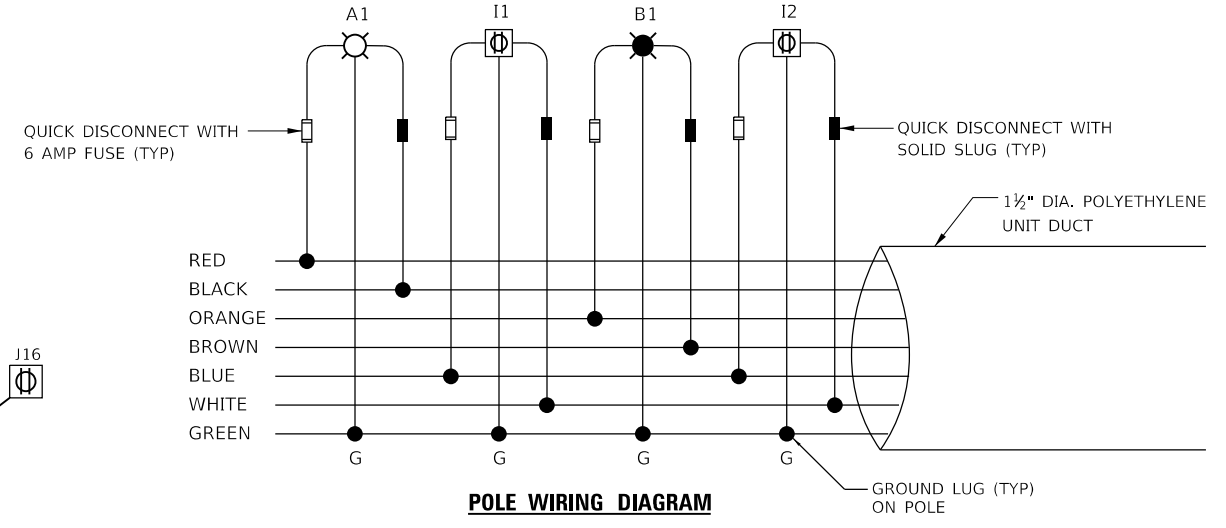
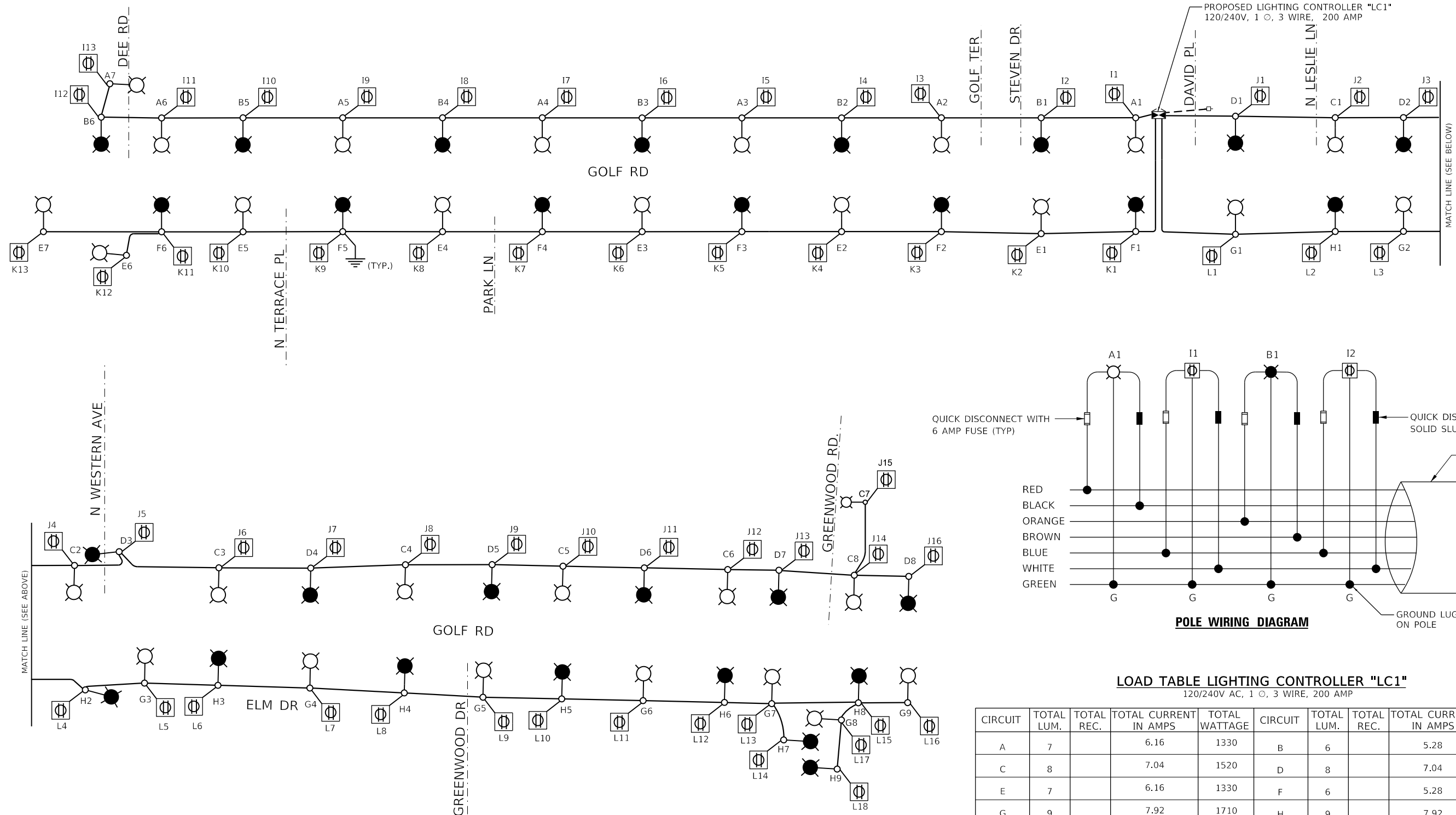
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	DRAWN - MD / SR	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - BL	REVISED -
PLOT DATE = 4/12/2024	DATE - 04-11-2024	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>ROADWAY LIGHTING PLANS</b>	
<b>GOLF ROAD - VILLAGE OF NILES</b>	
SCALE: 1"=50'	SHEET 2 OF 4 SHEETS
STA. 132+00	TO STA. 156+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	101
CONTRACT NO. 61J74				
ILLINOIS FED. AID PROJECT				

**EL-03**



**LOAD TABLE LIGHTING CONTROLLER "LC1"**  
120/240V AC, 1 Ø, 3 WIRE, 200 AMP

CIRCUIT	TOTAL LUM.	TOTAL REC.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE	CIRCUIT	TOTAL LUM.	TOTAL REC.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE
A	7		6.16	1330	B	6		5.28	1140
C	8		7.04	1520	D	8		7.04	1520
E	7		6.16	1330	F	6		5.28	1140
G	9		7.92	1710	H	9		7.92	1710
I		13	19.5	2340	J		16	24.0	2880
K		13	19.5	2340	L		18	27.0	3240
M					N				
O					P				
<b>TOTAL</b>	<b>31</b>	<b>26</b>	<b>66.28</b>	<b>10570</b>		<b>29</b>	<b>34</b>	<b>76.52</b>	<b>11630</b>

TOTAL LOAD IN WATTS 22200  
TOTAL LOAD IN AMPS 142.8

**LEGEND:**

- LUMINAIRE, LED, 240V, 0.88A, 190W, ON RED AND BLACK WIRE
- LUMINAIRE, LED, 240V, 0.88A, 190W, ON ORANGE AND BROWN WIRE
- UNIT DUCT 6-1C #6 1/C #8 GROUND
- FESTOON OUTLET, 120V, 1.5A

HRG PROJECT NO.: #PROJECTNO#  
 HRG PROJ. CONTACT: #HRGPM#  
 FILE NUMBER: #FILES#  
 PEN TABLE: #PEN TABLE#

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 6330 Belmont Road, Suite 4B  
 Downers Grove, IL 60516

USER NAME = \$USERS	DESIGNED - MH	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - MD / SR	REVISED -
PLOT DATE = \$DATE\$	CHECKED - BL	REVISED -
	DATE - 04-11-2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

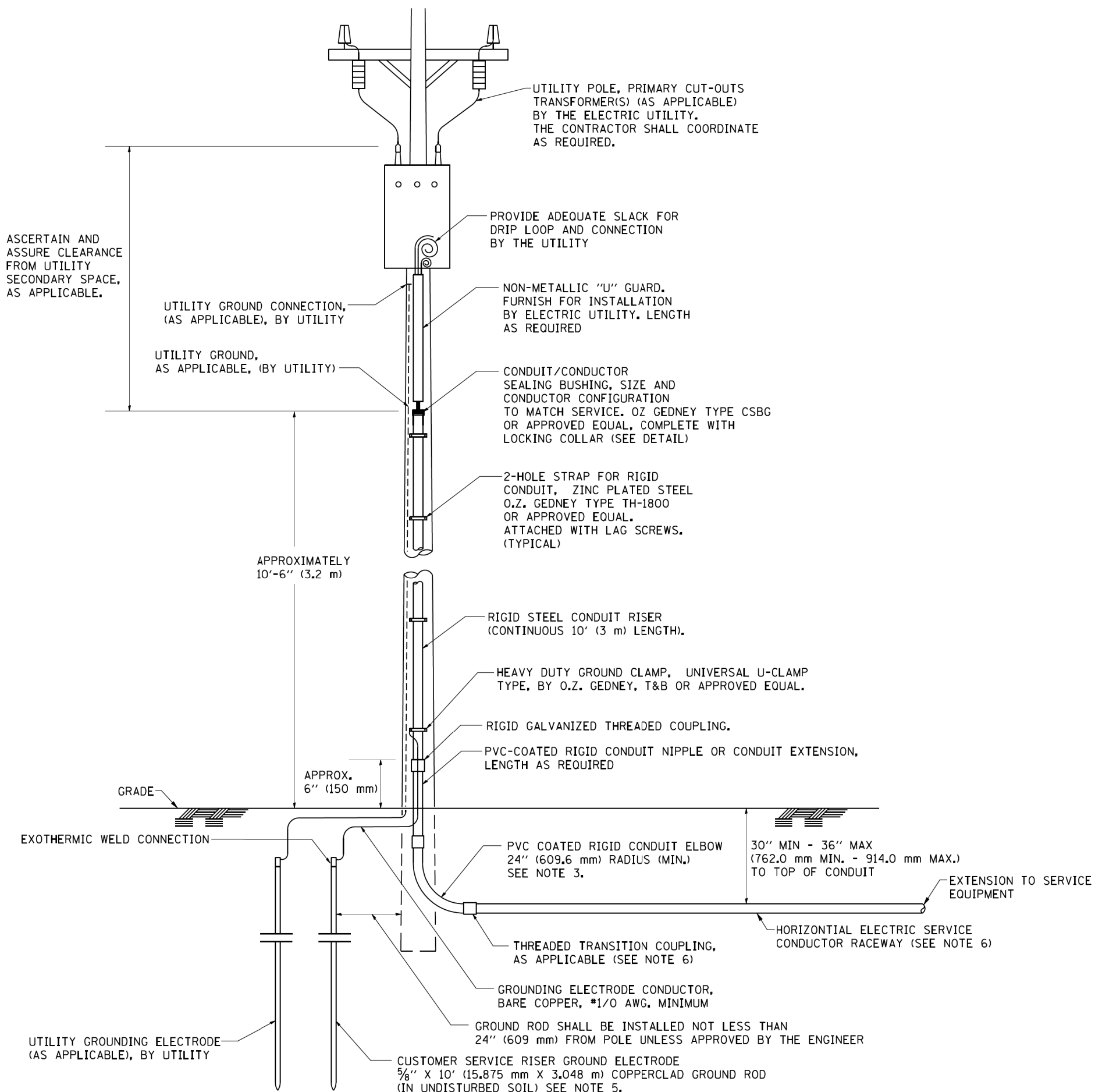
SINGLE LINE DIAGRAM - LC1  
 GOLF ROAD - VILLAGE OF NILES

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00130-00-L5	COOK	146	102
CONTRACT NO. 61174				
ILLINOIS FED. AID PROJECT				

EL-04

ASCERTAIN AND ASSURE CLEARANCE FROM UTILITY SECONDARY SPACE, AS APPLICABLE.

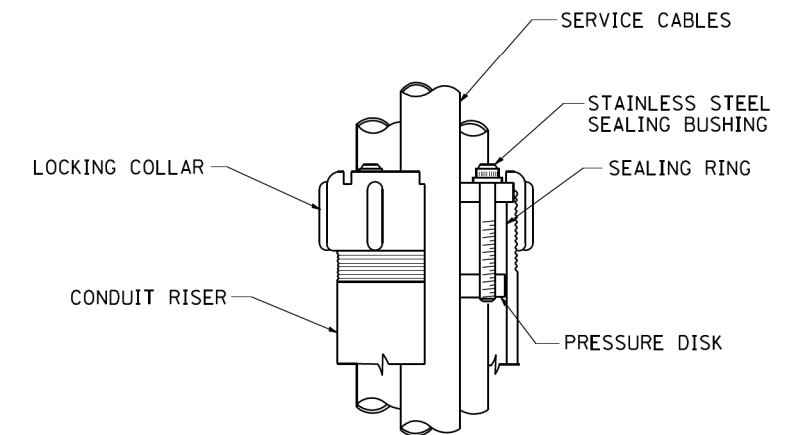


**APPLICATION**

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

**NOTES**

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



**SEALING BUSHING DETAIL**

HRG PROJECT NO.: #PROJECT008  
 HRG PROJ. CONTACT: #HRG008  
 FILE NAME: 200427-SD-11-11-01-05.dgn  
 PEN TABLE: #PEN TABLE\$

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 6330 Belmont Road, Suite 4B  
 Downers Grove, IL 60516

USER NAME = mdeitche	DESIGNED - MH	REVISED -
	DRAWN - MD / SR	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - BL	REVISED -
PLOT DATE = 4/12/2024	DATE - 04-11-2024	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ELECTRIC, REMOVE DISCONNECT  
 AERIAL, REMOTE DISCONNECT**

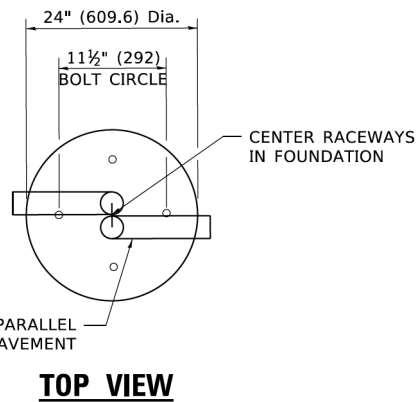
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00131-00-5W	COOK	146	103
CONTRACT NO. 61174			ILLINOIS FED. AID PROJECT	

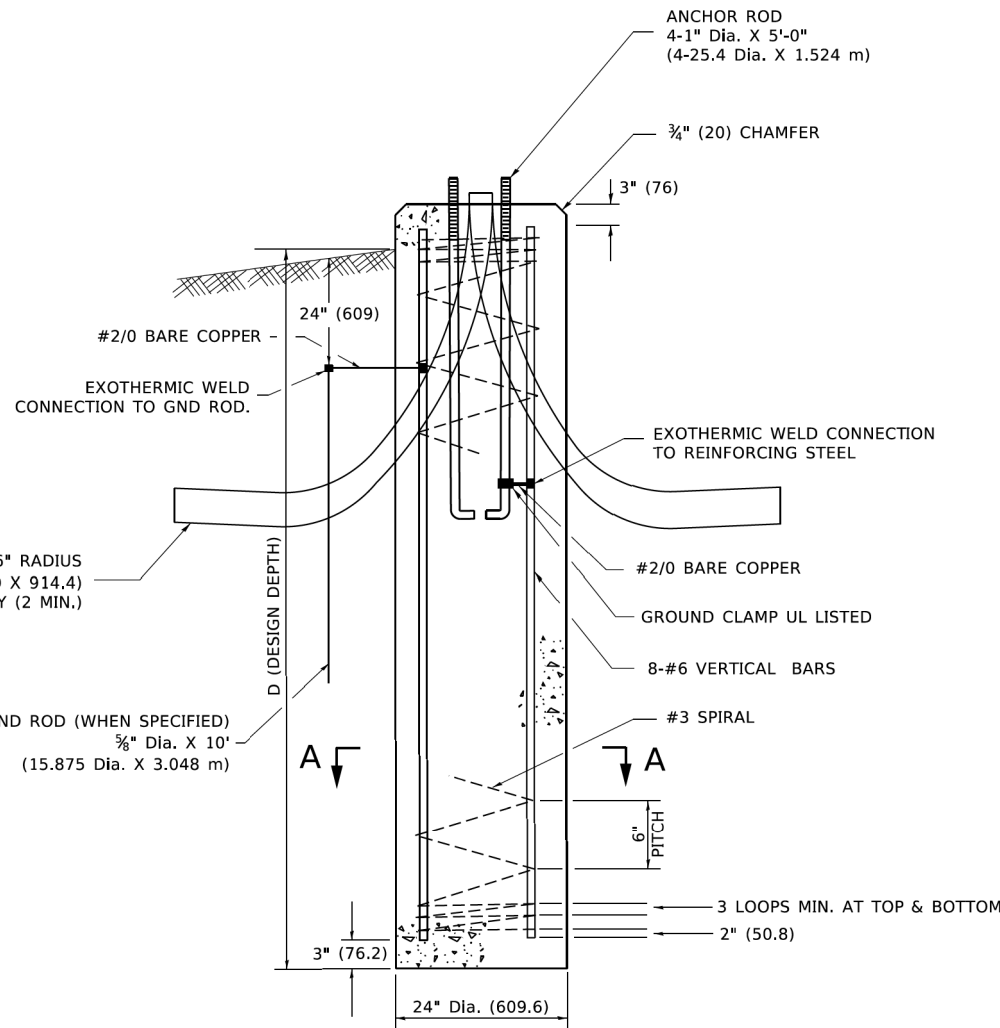
**EL-05**

LIGHT POLE FOUNDATION DEPTH TABLE  
30 FT. (9.144 m) TO 35 FT. (10.668 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT.	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND φ = 34°	9'-6" (2.90 m)	10'-7" (3.22 m)
MEDIUM SAND φ = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND φ = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)



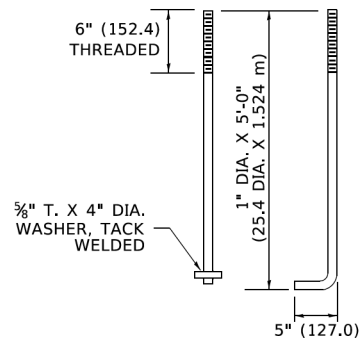
TOP VIEW



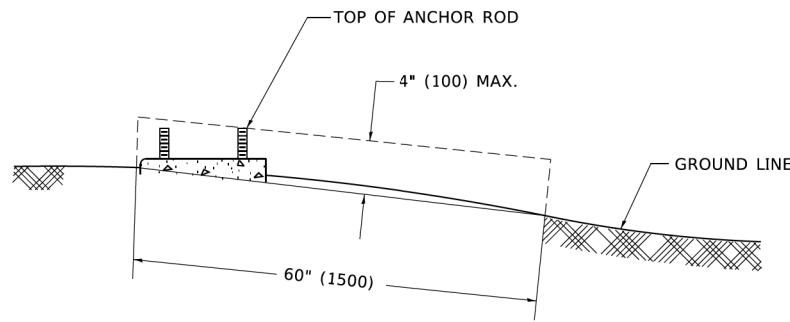
FOUNDATION DETAIL

**NOTES**

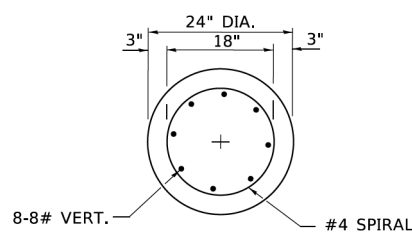
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3#4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 23#4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.



ANCHOR BOLT DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A

HRG PROJECT NO.: #PROJECTNO#  
 HRG PROJ. CONTACT: #HRGPM#  
 FILE NAME: 20240527-SP11-Right-Golf-EL-06.dgn  
 PLOT DATE: 4/12/2024  
 PEN TABLE: #PEN\_TABLE#

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 6330 Belmont Road, Suite 4B  
 Downers Grove, IL 60516

USER NAME = mdeitche	DESIGNED - MH	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - MD / SR	REVISED -
PLOT DATE = 4/12/2024	CHECKED - BL	REVISED -
	DATE - 04-11-2024	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION  
 30' (9.144 m) TO 35' (10.668 m) M.H. 11 1/2" (292 mm) BOLT CIRCLE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	104
CONTRACT NO. 61J74				
ILLINOIS FED. AID PROJECT				

EL-06

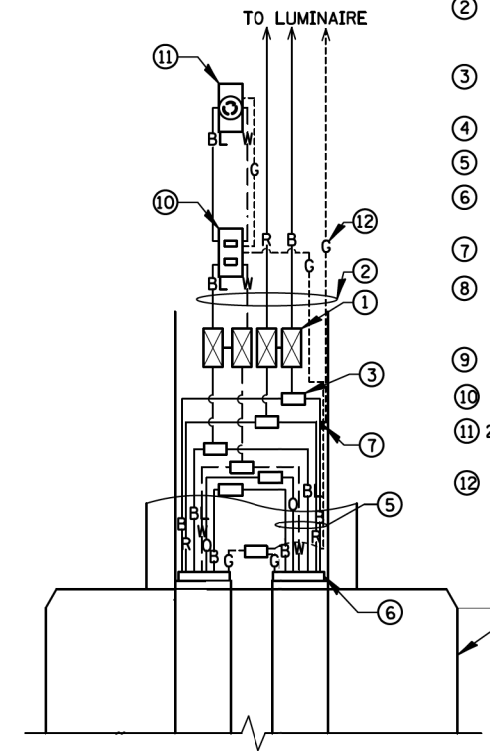
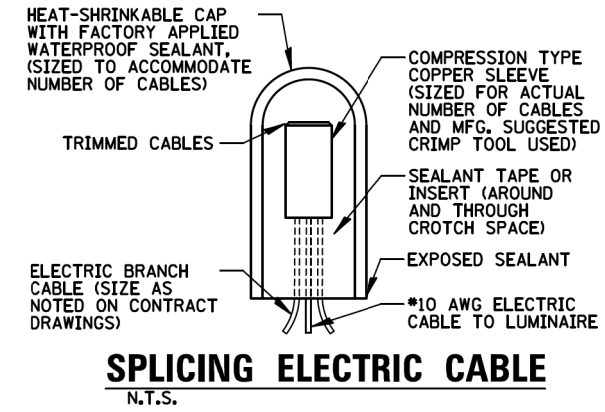
\_\_\_\_\_ PHASE CONDUCTOR  
 - - - - - GROUND CONDUCTOR  
 - - - - - NEUTRAL CONDUCTOR

- ① 5A FUSE FOR LUMINAIRES AND 2A FUSE FOR FESTOON RECEPTACLE (NEUTRAL SHALL BE NON-FUSED) 2-POLE BREAKAWAY FUSE HOLDER & INSULATING BOOTS
- ② XLP-TYPE USE POLE WIRES (#10 TO LUMINAIRE & #12 TO RECEPTACLE) COLOR TO MATCH BRANCH WIRING
- ③ MULTIPLE COMPRESSION FITTINGS (SPICE), TYP.
- ④ CONCRETE FOUNDATION
- ⑤ WIRES AS SHOWN ON PLANS
- ⑥ PROPOSED LIGHTING DUCT PULLED THROUGH PVC RACEWAY
- ⑦ POLE GROUND LUG 3/8" - 16 LUG
- ⑧ NO. 6 GROUND WIRE MECHANICALLY CLAMPED TO GROUND ROD
- ⑨ 3/8" X 10' GROUND ROD
- ⑩ 20A-120V GFCI SWITCH IN POLE BASE
- ⑪ 20A-120V TWISTLOCK RECEPTACLE
- ⑫ WIRE COLOR  
R=RED  
B=BLACK  
BL=BLUE  
O=ORANGE  
W=WHITE  
G=GREEN  
BR=BROWN

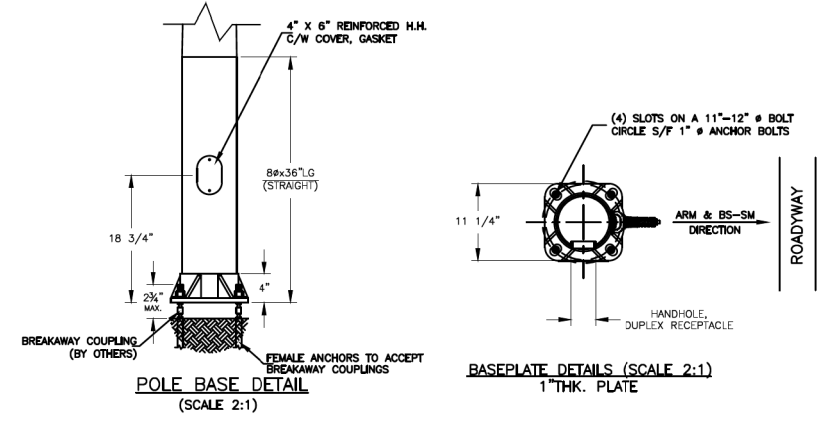
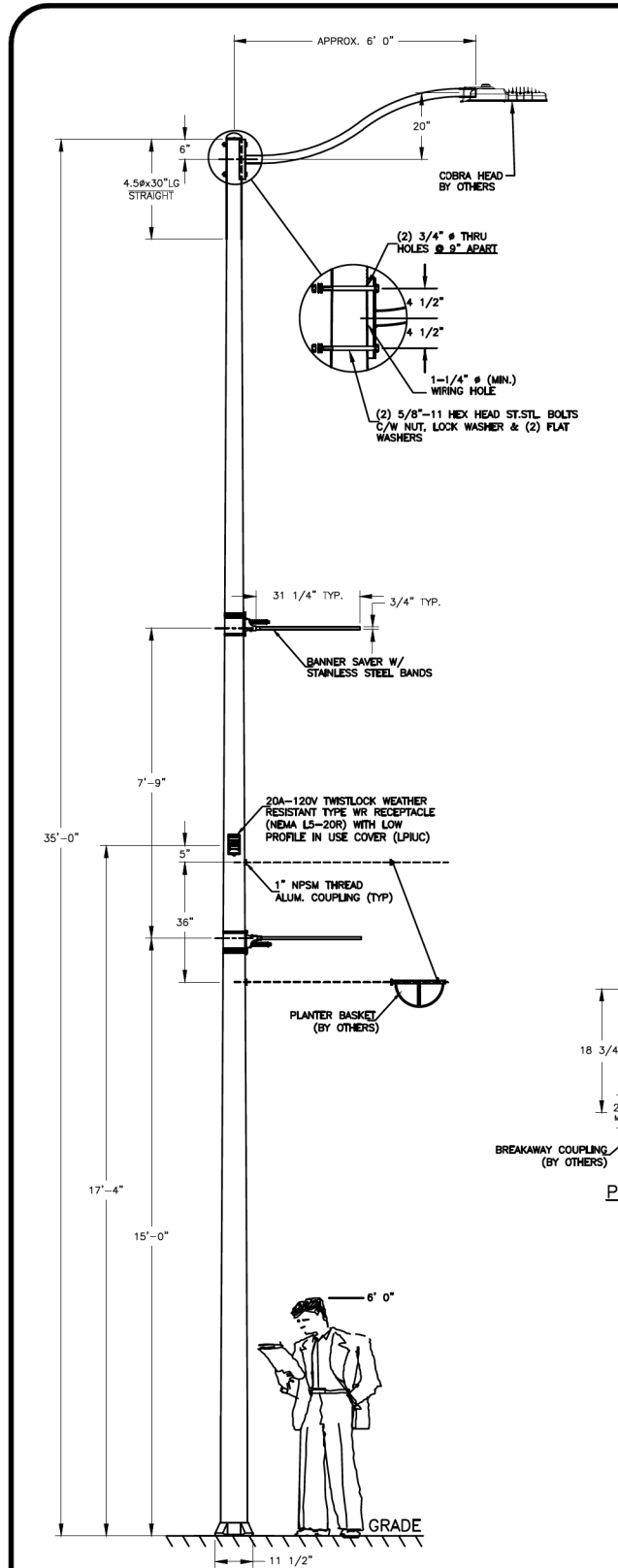
REV.	ALTERATION	DATE	BY
A	ADDED COBRA HEAD VISUAL	2/7/24	MJ

**ROADWAY ARM SPECIFICATIONS**  
 CATALOG NO.: KA32-A-S-1-6  
 QUANTITY:  
 MATERIAL: ALUMINUM  
 PAINT: TEXTURED BLACK  
 OPTIONS:

**POLE SPECIFICATIONS**  
 CATALOGUE NO.: RF-A-35-8.0-0.25-BK-GFI-KPO S/F BA  
 QUANTITY:  
 SHAFT MATERIAL: ROUND FORMED ALUMINUM  
 BASE MATERIAL: N/A  
 TOP SIZE: 4 1/2" Ø  
 BUTT SIZE: 8" Ø  
 POLE HEIGHT: 35' 0"  
 WALL THICKNESS: 0.25"  
 PAINT COLOR: TEXTURED BLACK  
 BOLT CIRCLE: 11"-12" Ø  
 BREAKAWAY ANCHOR BOLTS: (4) 1" Ø x 60" LONG  
 DUPLEX RECEPTACLE, BANDED BANNER SAVER, ALUMINUM POLE CAP  
 OPTIONS:



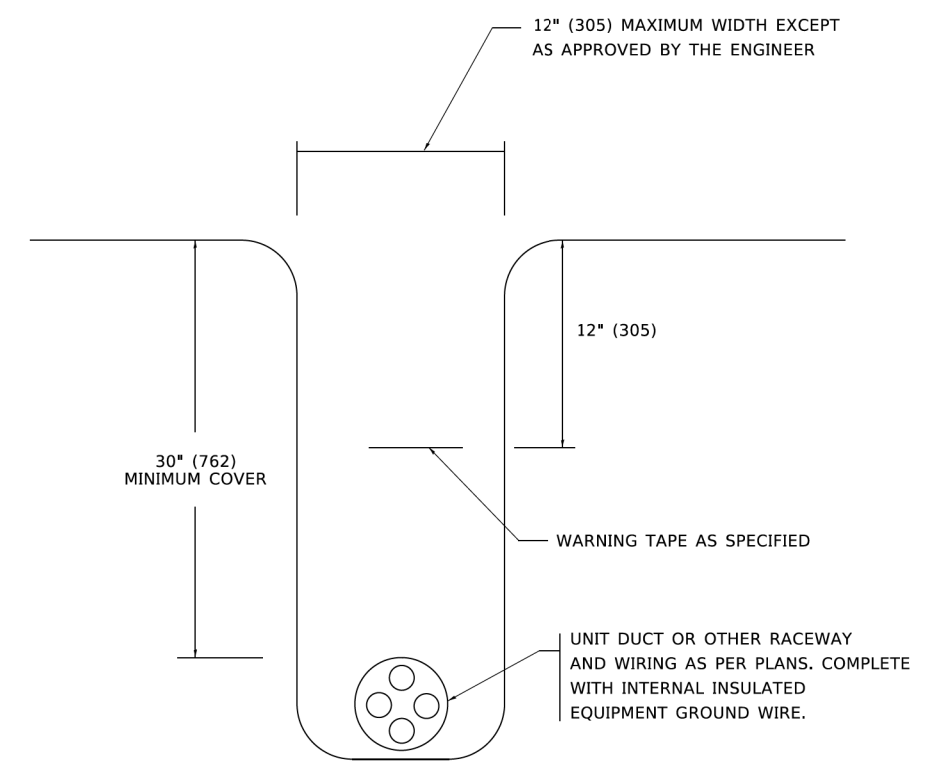
**POLE HANDHOLE POWER WIRING DIAGRAM**  
N.T.S.



**Notes:**  
 Although rare, oscillating loads severe enough to cause damage can occasionally occur in structures of all types. Because they are influenced by many factors not provided to StressCrete, these loads are unpredictable. The users maintenance program should include observation for excessive vibration & examination for any structural damage. The StressCrete warranty specifically excludes fatigue failure or similar phenomena resulting from induced vibration, oscillation or resonance associated with the eccentric rotation of attached equipment.

CUSTOMER APPROVAL & DATE:

 King Luminaire • StressCrete • Est. 1953 <b>STRESSCRETE GROUP</b>		<b>Manufacturing Locations:</b> Burlington, Ontario 1-800-268-7809 Northport, Alabama 1-800-435-6563 Atchison, Kansas 1-800-837-1024 Jefferson, Ohio 1-800-268-7809			
PROJECT/CUSTOMER: NILES - GOLF ROAD, ILLINOIS					
CUSTOMER ORDER No: -	DRAWN BY: MJ	AT: SC3	CHECKED BY:	DATE: 2/2/24	REVISION: A
STRESSCRETE ORDER No: -	DRAWING TYPE: CONCEPT DWG.		DRAWING NUMBER: Q-2307037-2		



**TYPICAL WIRING IN TRENCH DETAIL**  
N.T.S.

- NOTES:**
1. PAID FOR UNDER "LIGHTING UNIT COMPLETE, SPECIAL" WHICH SHALL INCLUDE EVERYTHING SHOWN. (SEE SPECIAL PROVISION).
  2. BANNER ARMS MAY NOT BE INSTALLED WITHIN TWO POLE CYCLES OF THE INTERSECTION.

HRG PROJECT NO.: #PROJ01008  
 HRG PROJ. CONTACT: #HRG01008  
 FILE NUMBER: #FILES  
 PEN TABLE: #PEN TABLES

**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 6330 Belmont Road, Suite 4B  
 Downers Grove, IL 60516

USER NAME = SUSERS	DESIGNED - MH	REVISED -
PLOT SCALE = SCALES	DRAWN - MD / SR	REVISED -
PLOT DATE = SDATES	CHECKED - BL	REVISED -
	DATE - 04-11-2024	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00130-00-L5	COOK	146	105
CONTRACT NO. 61J74				
ILLINOIS FED. AID PROJECT				

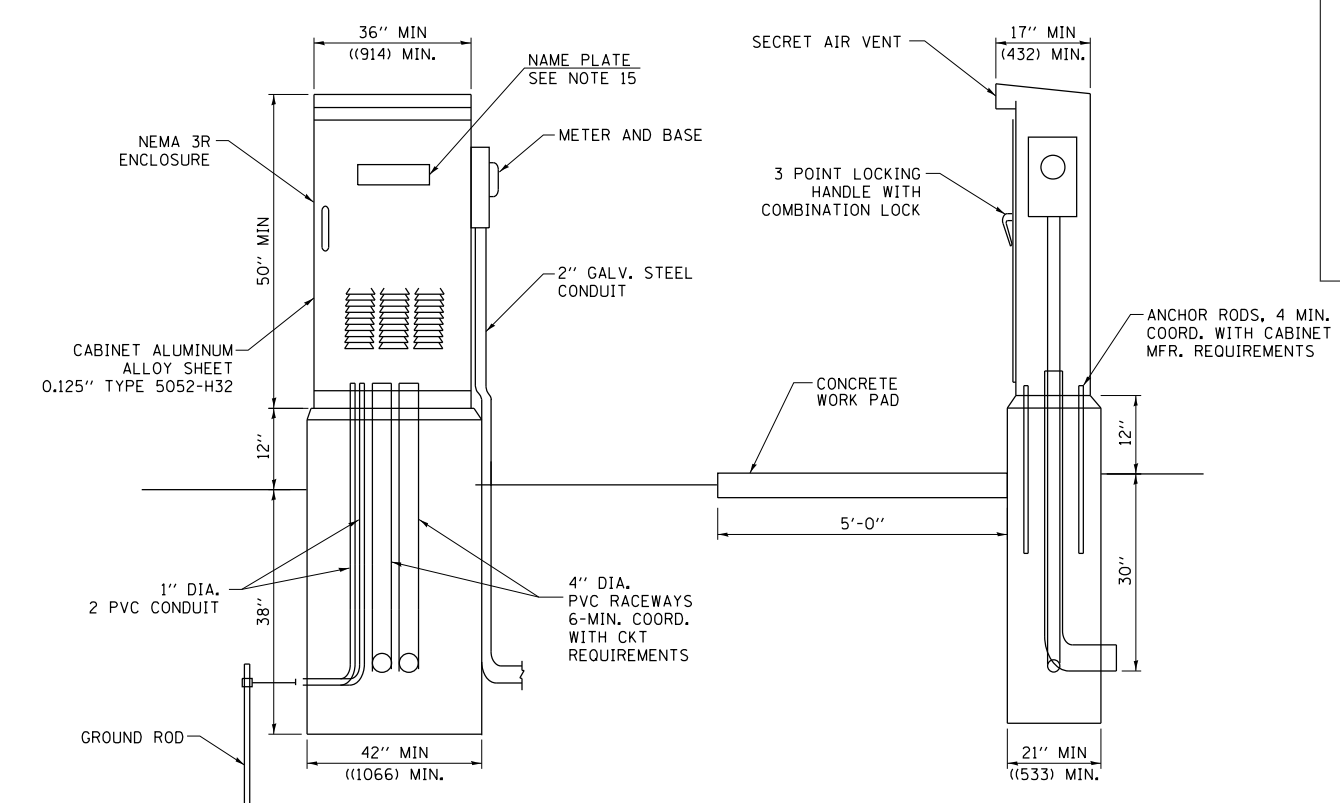
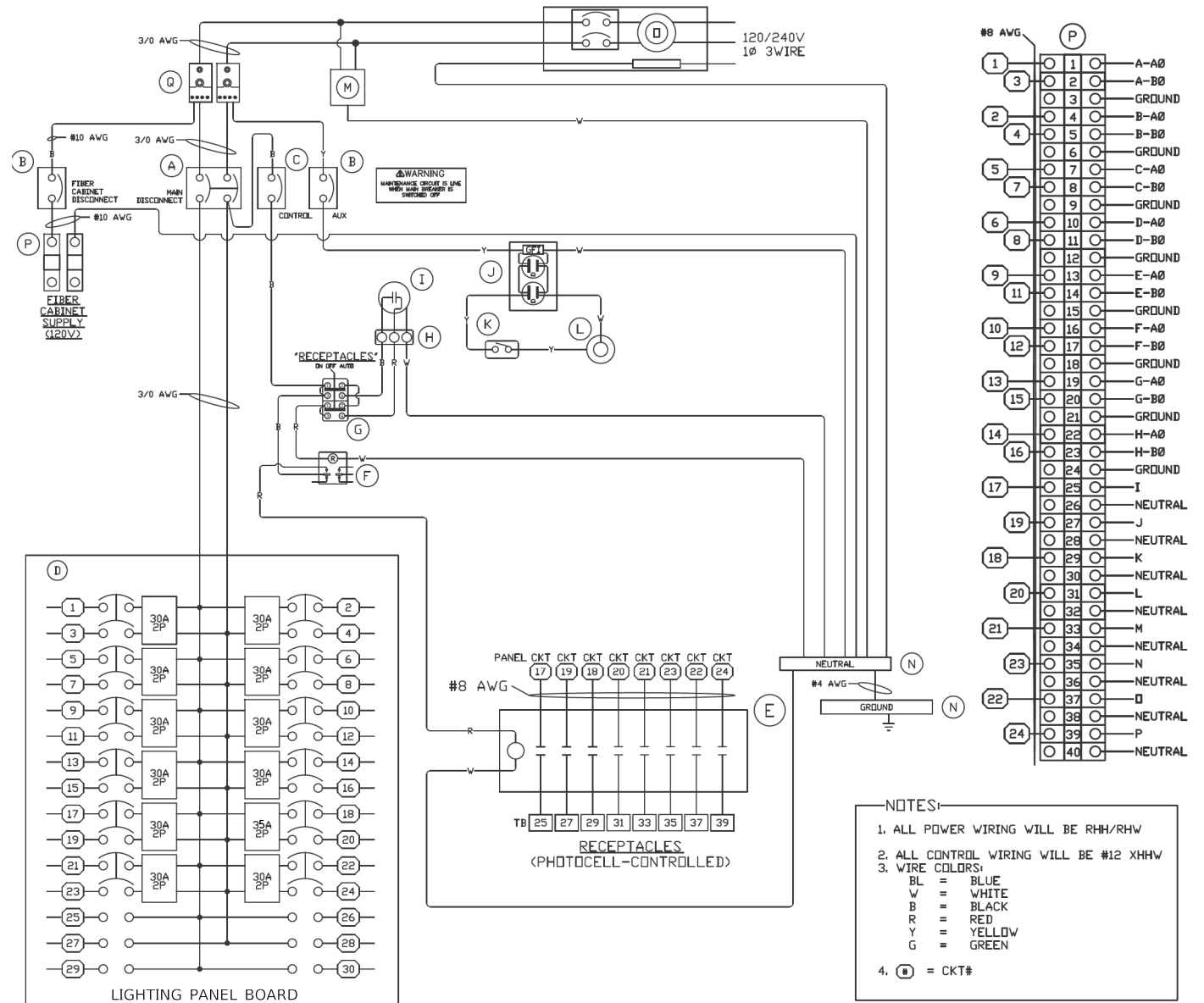
**EL-07**

PANEL EQUIPMENT

BILL OF MATERIAL

ITEM	QTY.	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 200 AMP. FRAME, 200 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 240 VOLT
B	2	AUX/FIBER DISCONNECT CIRCUIT BREAKER, 1 POLE, 240 V, 100 AMP. FRAME, 20 AMP.
C	1	CONTROL CIRCUIT BREAKER, 1 POLE, 240 V, 100AMP. FRAME, 15 AMP.
D	1	225 AMP. BREAKER PANEL WITH (12) 2P/30 AMP. BRANCH BREAKERS
E	1	8P 30A 120V CONTACTOR
F	1	120V COIL CONTROL RELAY
G	1	ON-OFF-AUTO DISCONNECT SWITCH
H	1	3P TERMINAL BLOCK
I	1	FLUSH MOUNT PHOTOCELL CONTROL, 120V
J	1	20 AMP., 120V., DUPLEX RECEPTACLE, GFCI.
K	1	SPST 20A DOOR SWITCH
L	1	LIGHT FIXTURE
M	1	SURGE PROTECTION DEVICE
N	2	COPPER GROUND BUS 1/4" X 1" X 12" LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS
O	1	ELECTRIC UTILITY METER BOX
P	42	TERMINAL BLOCKS
Q	1	DISTRIBUTION BLOCK

PANELBOARD DESIGNATION		LP-1	MAIN	ML1	LOCATION		
SERVICE VOLTAGE	120/240V 1PH 3W	BUS RATING	225 AMPERE	INTERIOR ONLY	VILLAGE OF NOLES, IL GOLF RD.		
INTERRUPT RATING	10KAIC	MOUNTING					
DESCRIPTION	CKT. #	AMPS/POLES	CIRCUIT BREAKER	CIRCUIT BREAKER	AMPS/POLES	CKT. #	DESCRIPTION
CIRCUIT (A)	1	30/2			30/2	2	CIRCUIT (B)
	3					4	
CIRCUIT (C)	5	30/2			30/2	6	CIRCUIT (D)
	7					8	
CIRCUIT (E)	9	30/2			30/2	10	CIRCUIT (F)
	11					12	
CIRCUIT (G)	13	30/2			30/2	14	CIRCUIT (H)
	15					16	
CIRCUIT (I)	17	30/2			35/2	18	CIRCUIT (J)
CIRCUIT (K)	19	30/2				20	CIRCUIT (L)
CIRCUIT (M)	21	30/2			30/2	22	CIRCUIT (N)
CIRCUIT (O)	23	30/2				24	CIRCUIT (P)
PRDV	25					26	PRDV
PRDV	27					28	PRDV
PRDV	29					30	PRDV



- NOTES:
- ALL POWER WIRING WILL BE RHH/RHW
  - ALL CONTROL WIRING WILL BE #12 XHHW
  - WIRE COLORS:  
BL = BLUE  
W = WHITE  
B = BLACK  
R = RED  
Y = YELLOW  
G = GREEN
  - Ⓜ = CKT#

- NOTES:
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.
  - FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
  - IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8mm) TOP SOIL. LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) X 4" (101 mm) MIN. SIZE THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
  - DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
  - DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM. DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 6.35 mm (1/4) DIA. STAINLESS STEEL HINGE PIN.
  - ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
  - CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
  - METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
  - CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
  - THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
  - ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.  
R = RED    BL = BLUE    W = WHITE  
B = BLACK    Y = YELLOW    G = GREEN
  - PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
  - ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
  - THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
  - 304.8 mm (12") X 406.4 mm (16") STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.

HRG PROJECT NO.: #PROJCTN08  
 HRG PROJ. CONTACT: #HRGPM8  
 FILE NUMBER: #ELES  
 PEN TABLE: #PEN. TABLES

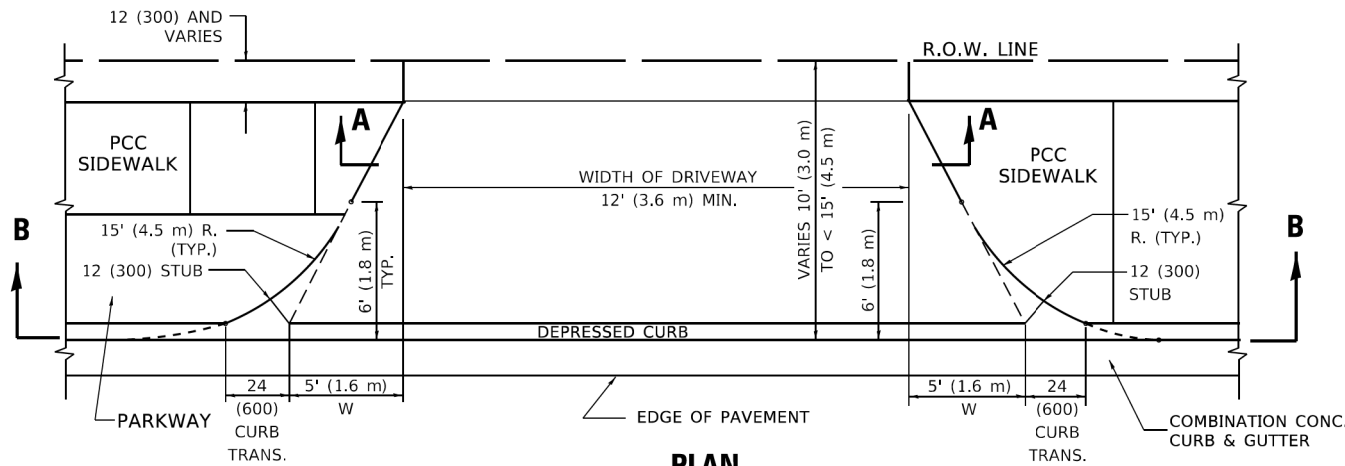
**AMES Engineering, Inc.**  
 CONSULTING ENGINEERS  
 6330 Belmont Road, Suite 4B  
 Downers Grove, IL 60516

USER NAME =	USERS	DESIGNED -	MH	REVISED -	
		DRAWN -	MD / SR	REVISED -	
PLOT SCALE =	SSCALE5	CHECKED -	BL	REVISED -	
PLOT DATE =	SDATES	DATE -	04-11-2024	REVISED -	

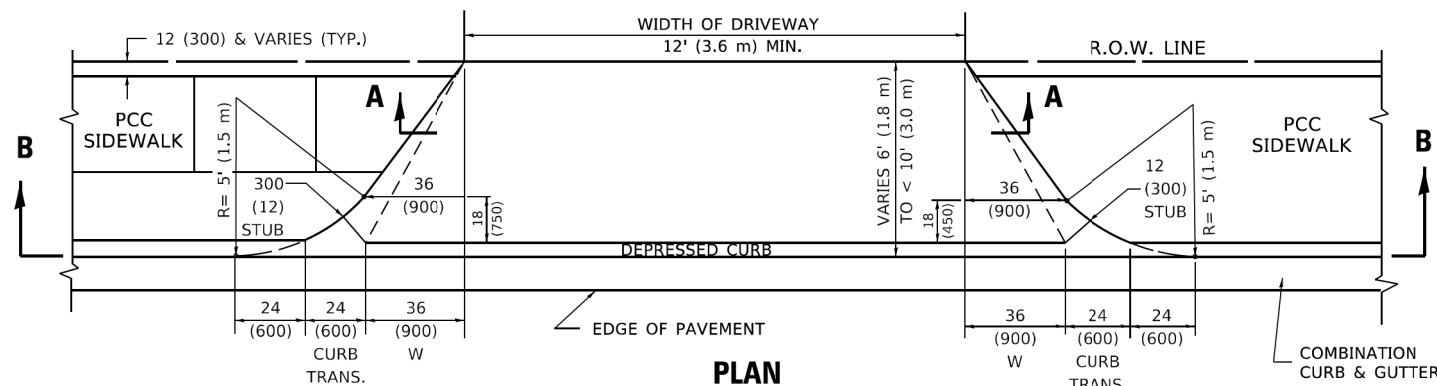
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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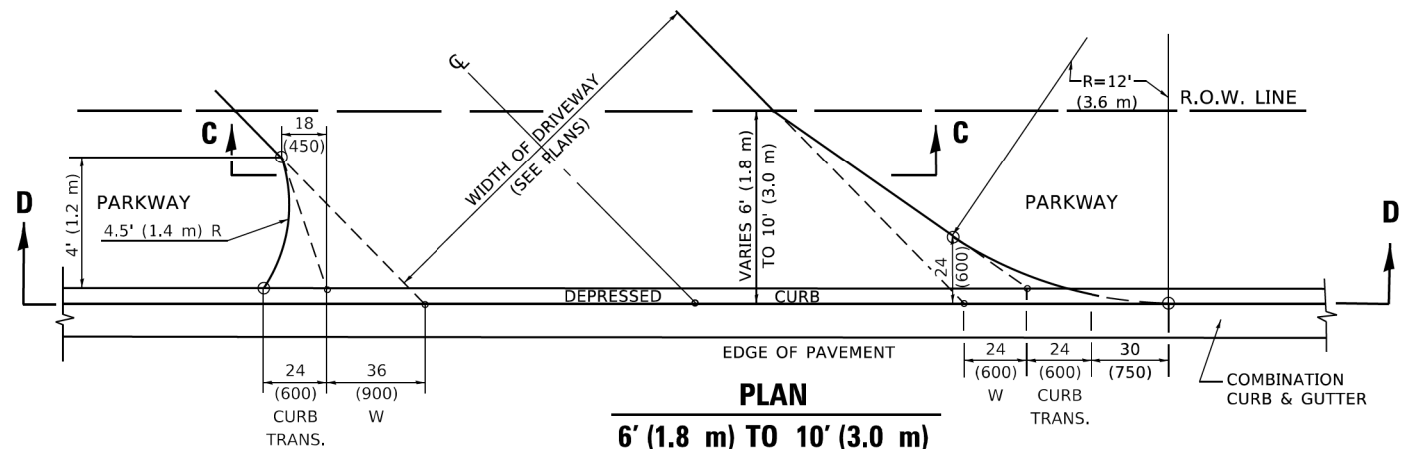
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00130-00-L5	COOK	146	106
CONTRACT NO. 61J74				
ILLINOIS FED. AID PROJECT				



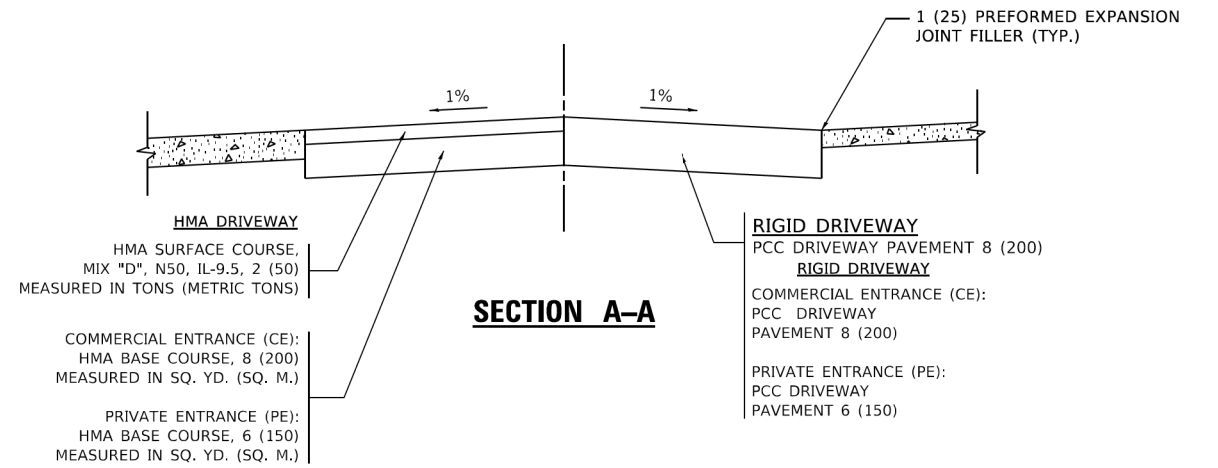
**PLAN**  
10' (3.0 m) TO < 15' (4.5 m)



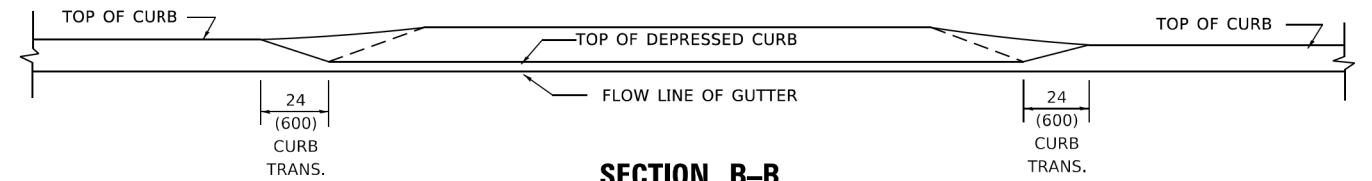
**PLAN**  
6' (1.8 m) TO < 10' (3.0 m)



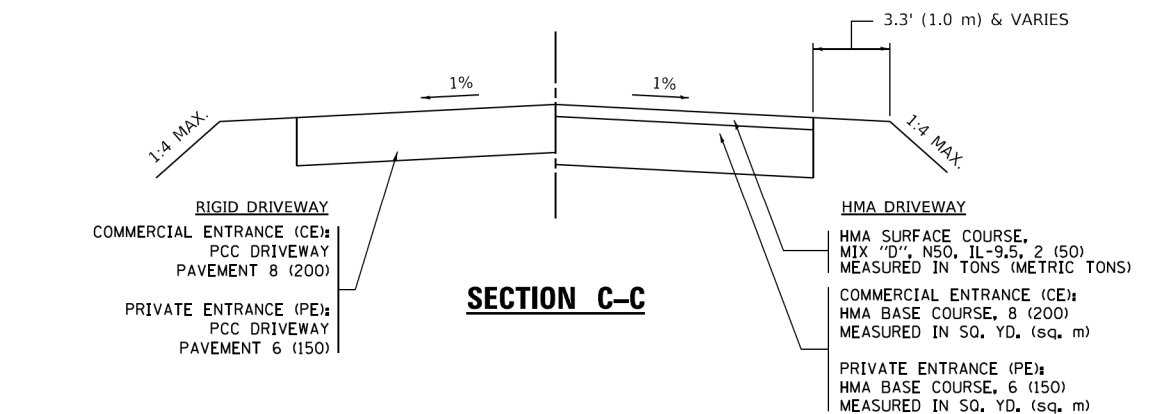
**PLAN**  
6' (1.8 m) TO 10' (3.0 m)



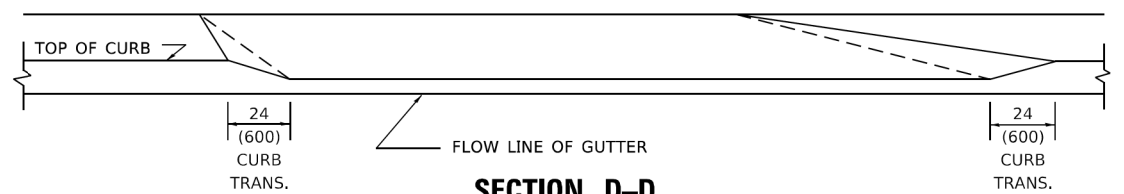
**SECTION A-A**



**SECTION B-B**



**SECTION C-C**



**SECTION D-D**

**GENERAL NOTES**

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
- WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
- "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

HRG PROJECT NO.: 200452  
HRG PROJ. CONTACT:  
FILE NAME: 200452-SHT-061-5002-01.dgn  
PLOT DATE: 11/18/2022  
PLOT SCALE: 100,0000' / in.  
PLOT DATE: 11/18/2022

USER NAME = Lawrence,DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07
	DRAWN -	REVISED - R. BORO 09-06-11
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - K. SMITH 08-27-19
PLOT DATE = 11/18/2022	DATE - 11-06-95	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

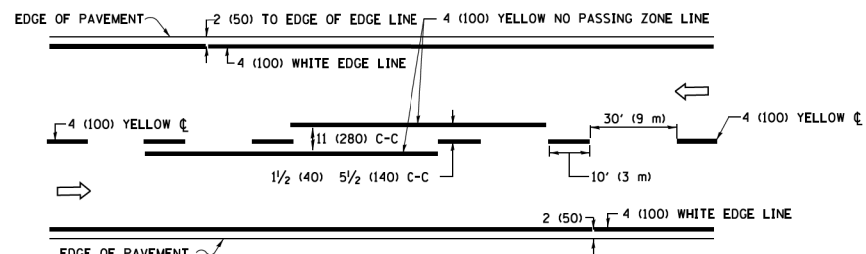
**DRIVEWAY DETAILS  
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)**

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

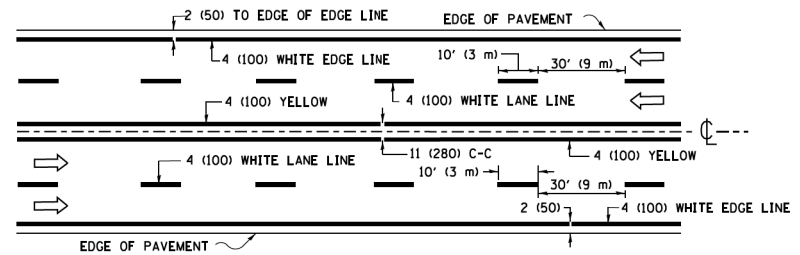
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	107
<b>BD400-02 (BD-02)</b>		CONTRACT NO.	61174	
ILLINOIS FED. AID PROJECT				



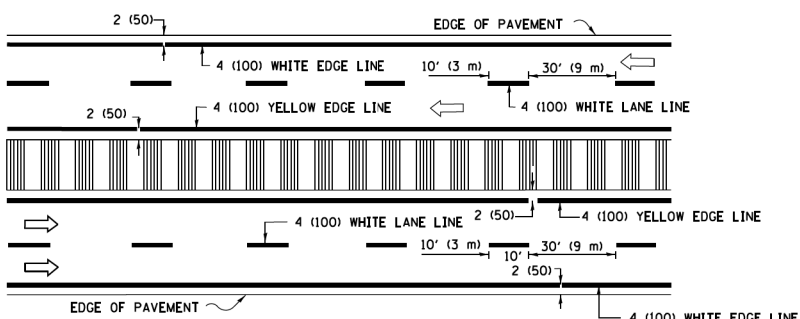




**2-LANE ROADWAY**

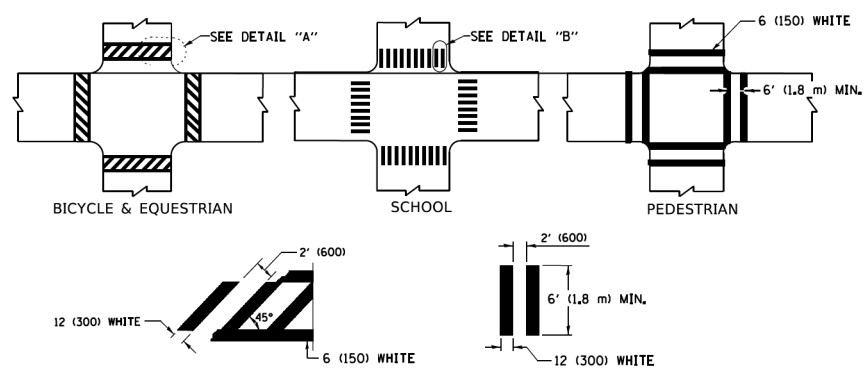


**MULTI-LANE UNDIVIDED**



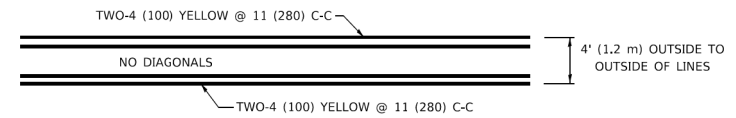
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

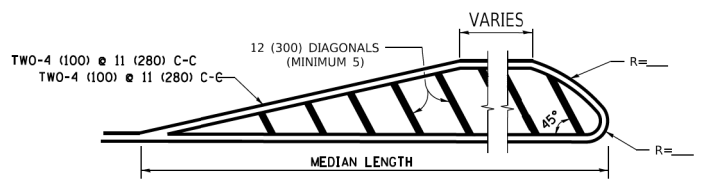


**TYPICAL CROSSWALK MARKING**

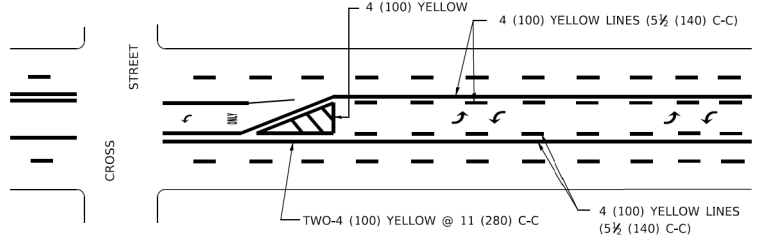
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



**4' (1.2 m) WIDE MEDIANS ONLY**

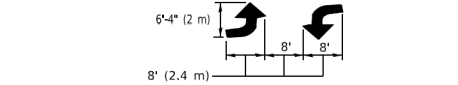


**MEDIANS OVER 4' (1.2 m) WIDE**



**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**

A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

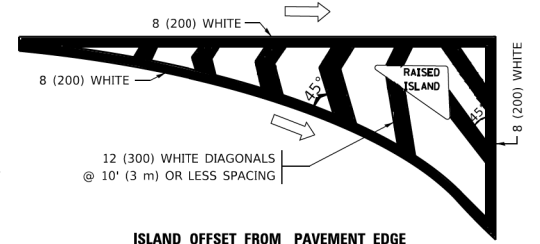


**TYPICAL LEFT (OR RIGHT) TURN LANE**

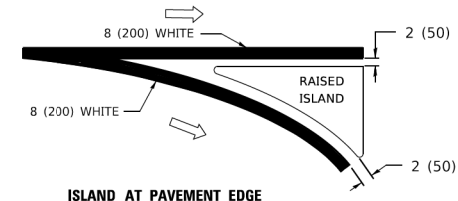
**TYPICAL TURN LANE MARKING**

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

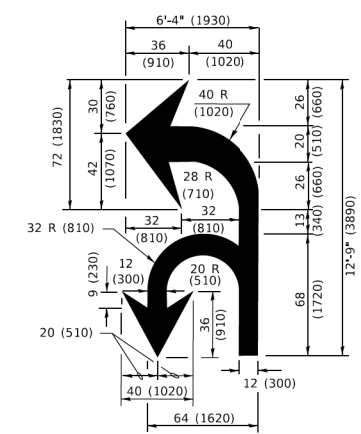


**ISLAND OFFSET FROM PAVEMENT EDGE**

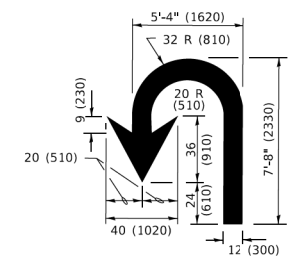


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**  
\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 2' (600) APART 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

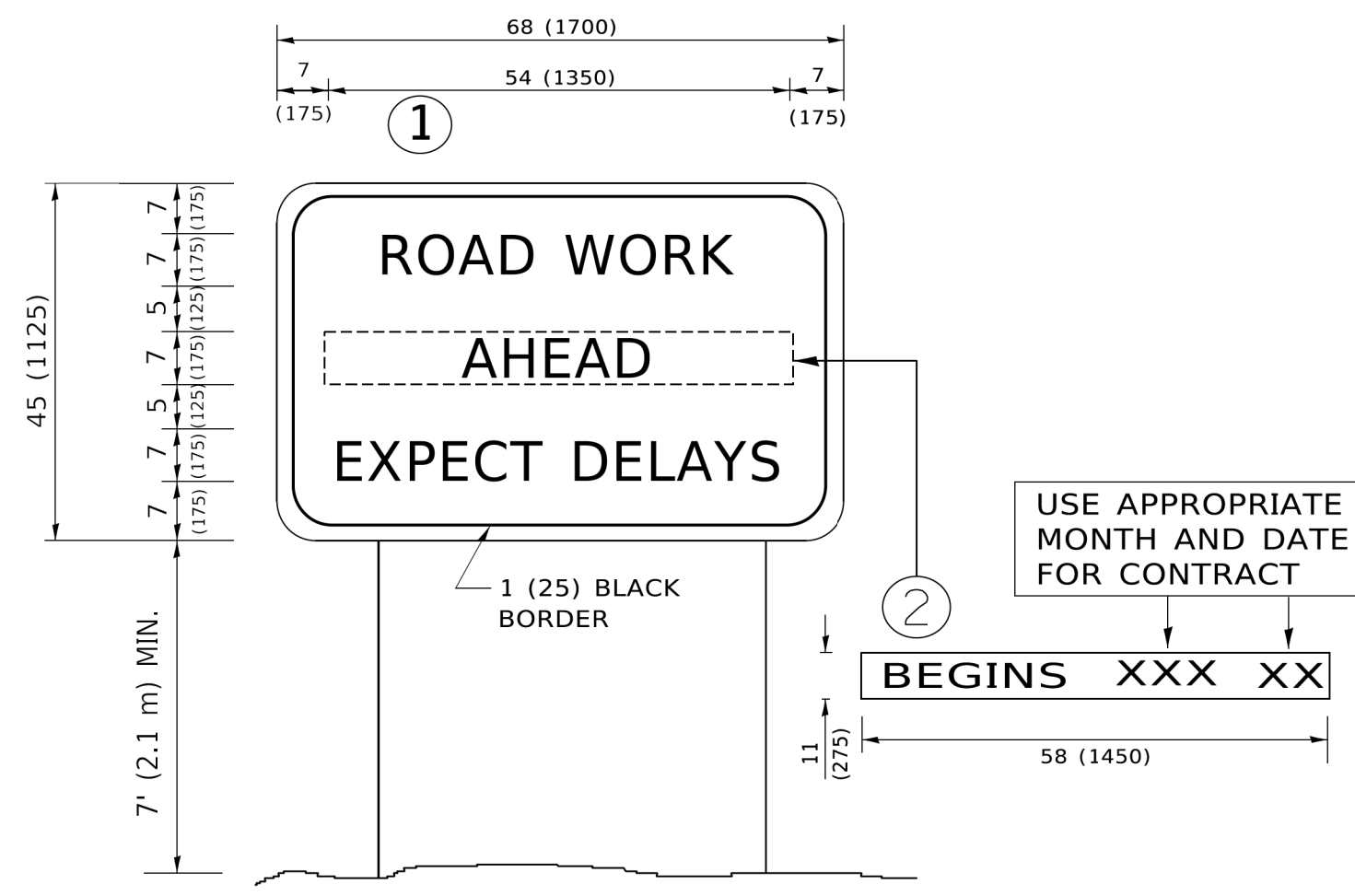
HRG PROJECT NO: 200452  
 HRG PROJ CONTACT:  
 FILE NAME: 200452-SHT-067-TC13-05.dgn  
 FILE PATH: \\P:\Projects\200452-SHT-067-TC13-05.dgn  
 REVISION TABLE:  
 FILE NAME: \\P:\Projects\200452-SHT-067-TC13-05.dgn

USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.00000 ' / ft.	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 12-21-15
	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE</b>		F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TYPICAL PAVEMENT MARKINGS</b>		VAR.	18-00131-00-SW	COOK	146	109
SCALE: NONE		<b>TC-13</b>		CONTRACT NO. 61J74		
SHEET 1 OF 2 SHEETS		ILLINOIS		FED. AID PROJECT		

HRG PROJECT NO: 200452  
 HRG PROJ CONTACT:  
 FILE NAME: 200452-SHT-067-TC22-07.dgn  
 FILE NUMBER: 18-00131-00-SW  
 REVISION: 01/10/2019  
 FILE NAME: PROJ\08\FEED\ITEG\Illinois.gov\RWIDOT\Documents\DOT\_Offices\District\_1\Projects\Dist1\22-21\CADD\Info\CAD\Sheet\TC22.dgn



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / ft.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

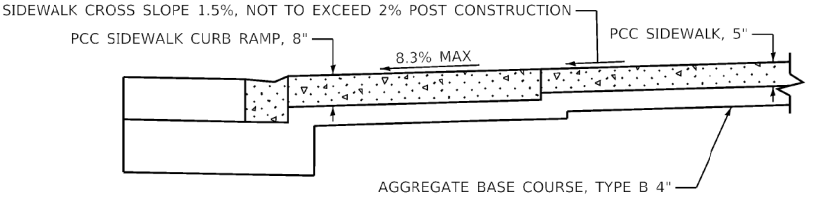
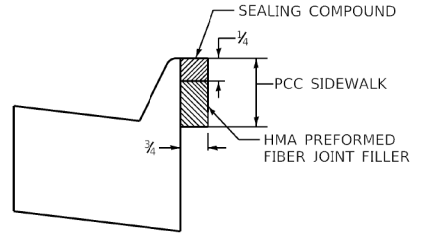
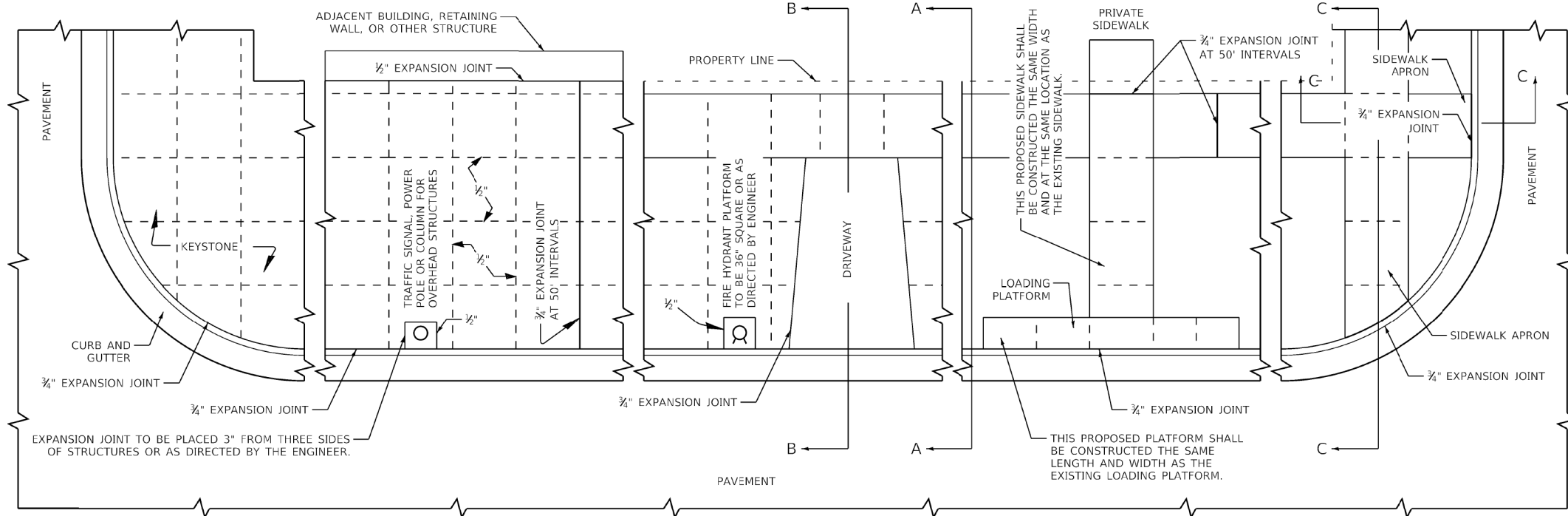
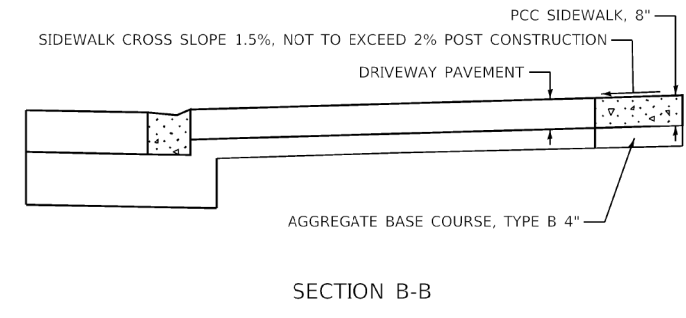
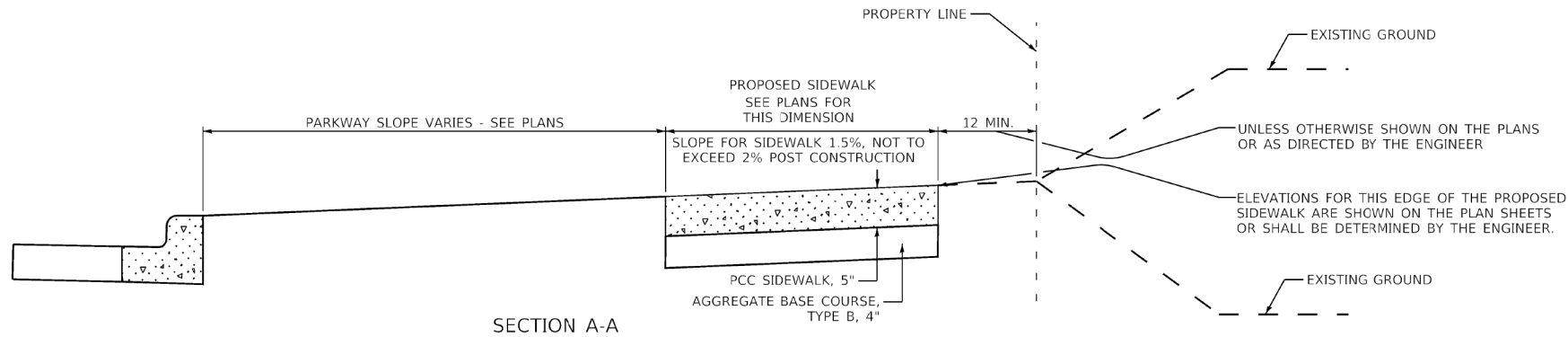
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>ARTERIAL ROAD    INFORMATION SIGN</b>	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	110
<b>TC-22</b>		CONTRACT NO. 61174		
ILLINOIS FED. AID PROJECT				







**GENERAL NOTES:**  
 ALL EXPANSION JOINTS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 424.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PORTLAND CEMENT CONCRETE SIDEWALK OF THE THICKNESS SPECIFIED.  
 ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

MUNICIPALITY, IL MUNICIPALITY, IL NAME TOWNSHIP	COUNTY HIGHWAY: XXX FISCAL YEAR: XXXX SECTION: XX-XXXX-XX-XX		COUNTY OF COOK DEPARTMENT OF TRANSPORTATION AND HIGHWAYS	COMPUTED: xxx DRAWN: xxx CHECKED: xxx	REVISIONS GENERAL 1/1/20 NEW DRAWING SECTION C-C 11/10/22	DATE 1/1/20 11/10/22	PORTLAND CEMENT CONCRETE SIDEWALK CONSTRUCTION DETAIL COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS STANDARD C-003	C-XXX NOT TO SCALE SHEET X
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HRG PROJECT NO: 200452  
 HRG PROJ CONTACT:  
 FILE NAME: 200452-SHT-001-CC03.dgn  
 PEN TABLE: 10/10/2024



USER NAME = bhartma	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / 1 in.	DRAWN -	REVISED -
PLOT DATE = 6/10/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

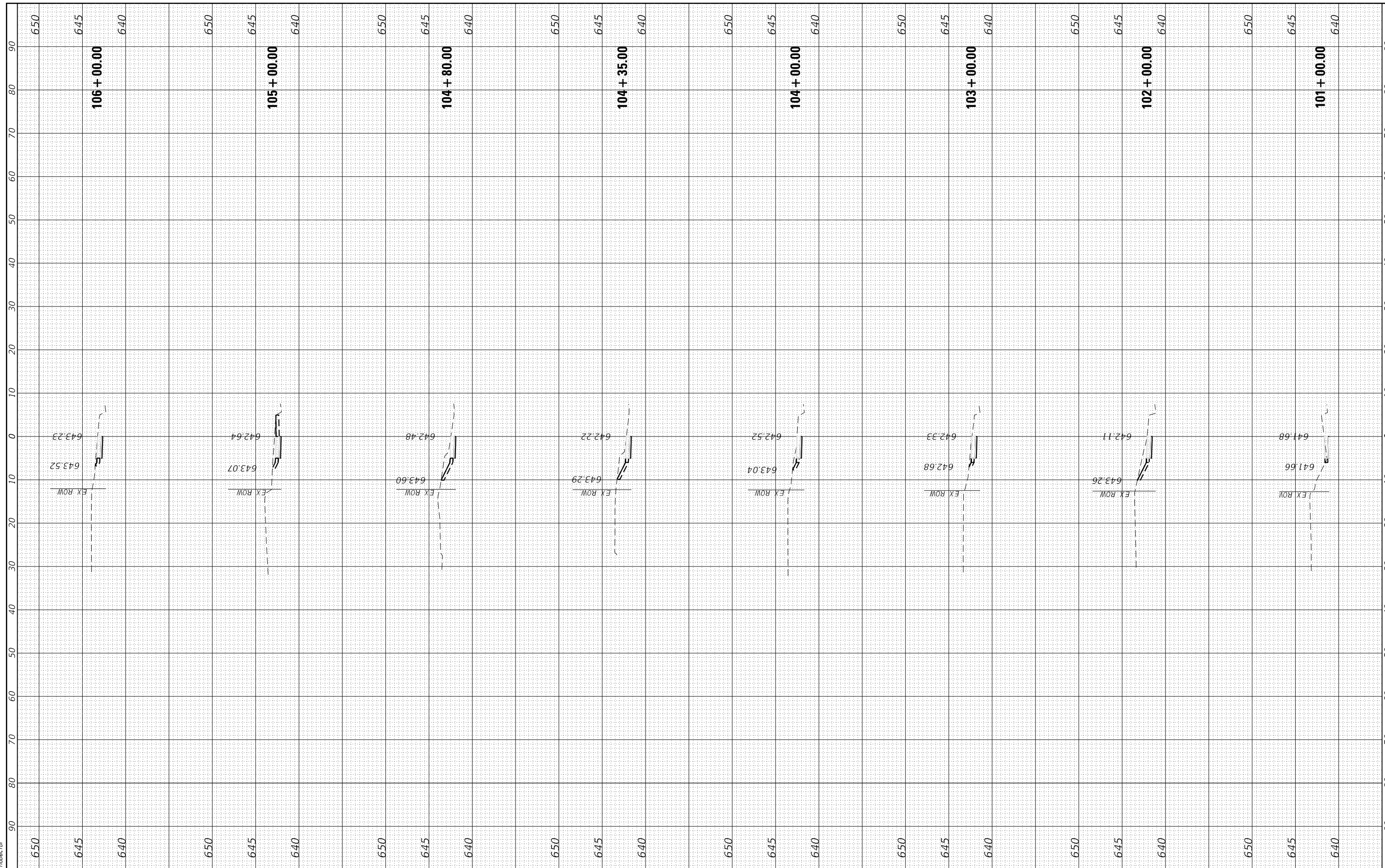
<b>CONSTRUCTION DETAILS COOK COUNTY</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	113
			CONTRACT NO. 61174	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRC PROJECT No: 200452  
 FILE NAME: 200452  
 PLOT DRIVER: ll\_crf\_bwp1c1c1g  
 PEN TABLE: p1010a101.tl



HRGreen.com  
 Illinois Professional Design Firm  
 #184-001322

USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**GOLF ROAD**

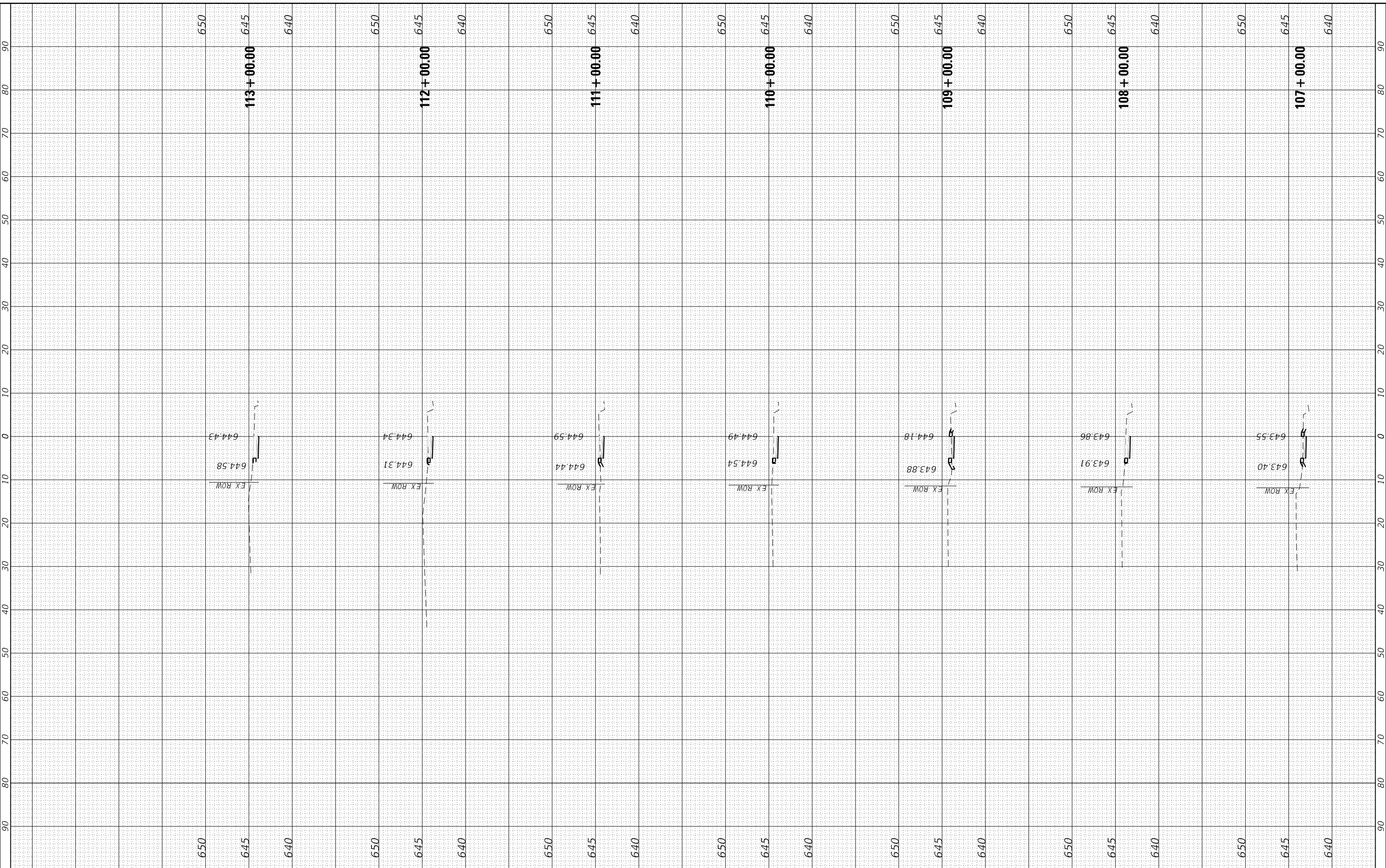
SCALE: 1"=10'    SHEET 1 OF 33 SHEETS    STA. 101+00.00 TO STA. 106+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	114
			CONTRACT NO. 61174	
ILLINOIS FED. AID PROJECT				

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

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

HRC PROJECT No: 200452  
 FILE NAME: 200452+18-00131-00-5W.dgn  
 PLOT DRIVER: ll\_caf\_bmp1c1c1g  
 PEN TABLE: p101tbl1.tbl



HRCGreen.com  
 Illinois Professional Design Firm  
 #184-001322

USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**GOLF ROAD**

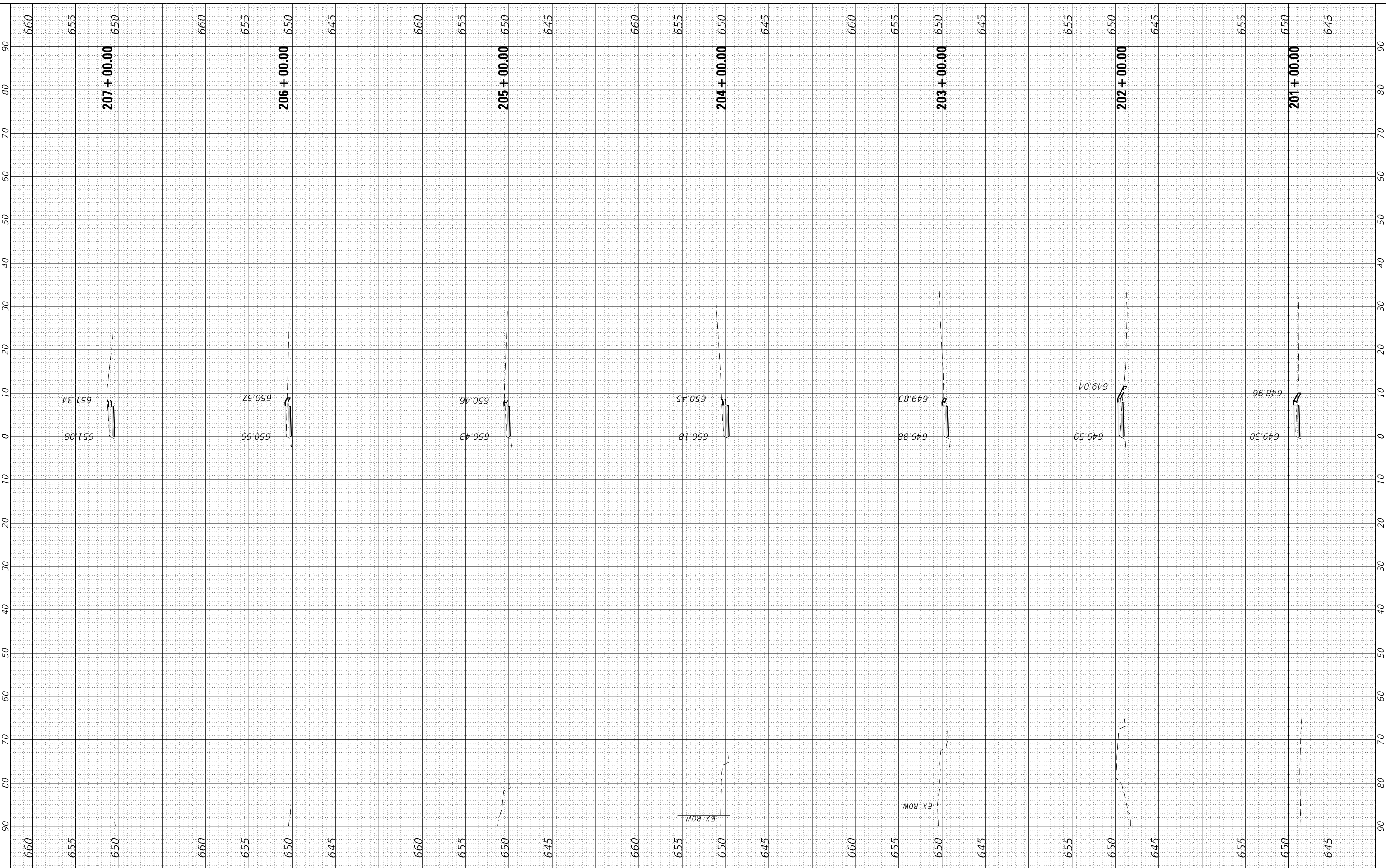
SCALE: 1"=10'    SHEET 2 OF 33 SHEETS    STA. 107+00.00 TO STA. 113+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-5W	COOK	146	115
			CONTRACT NO. 61174	
ILLINOIS FED. AID PROJECT				

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

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

HRG PROJECT No: 200452  
 FILE NAME: 200452+18-00131-00-SW-CrossSec.dgn  
 PLOT DRIVER: lprf200452.ctb  
 PEN TABLE: plottable.tbl



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 #184-001322

USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GOLF ROAD**

SCALE: 1"=10'      SHEET 3 OF 33 SHEETS      STA. 201+00.00 TO STA. 207+00.00

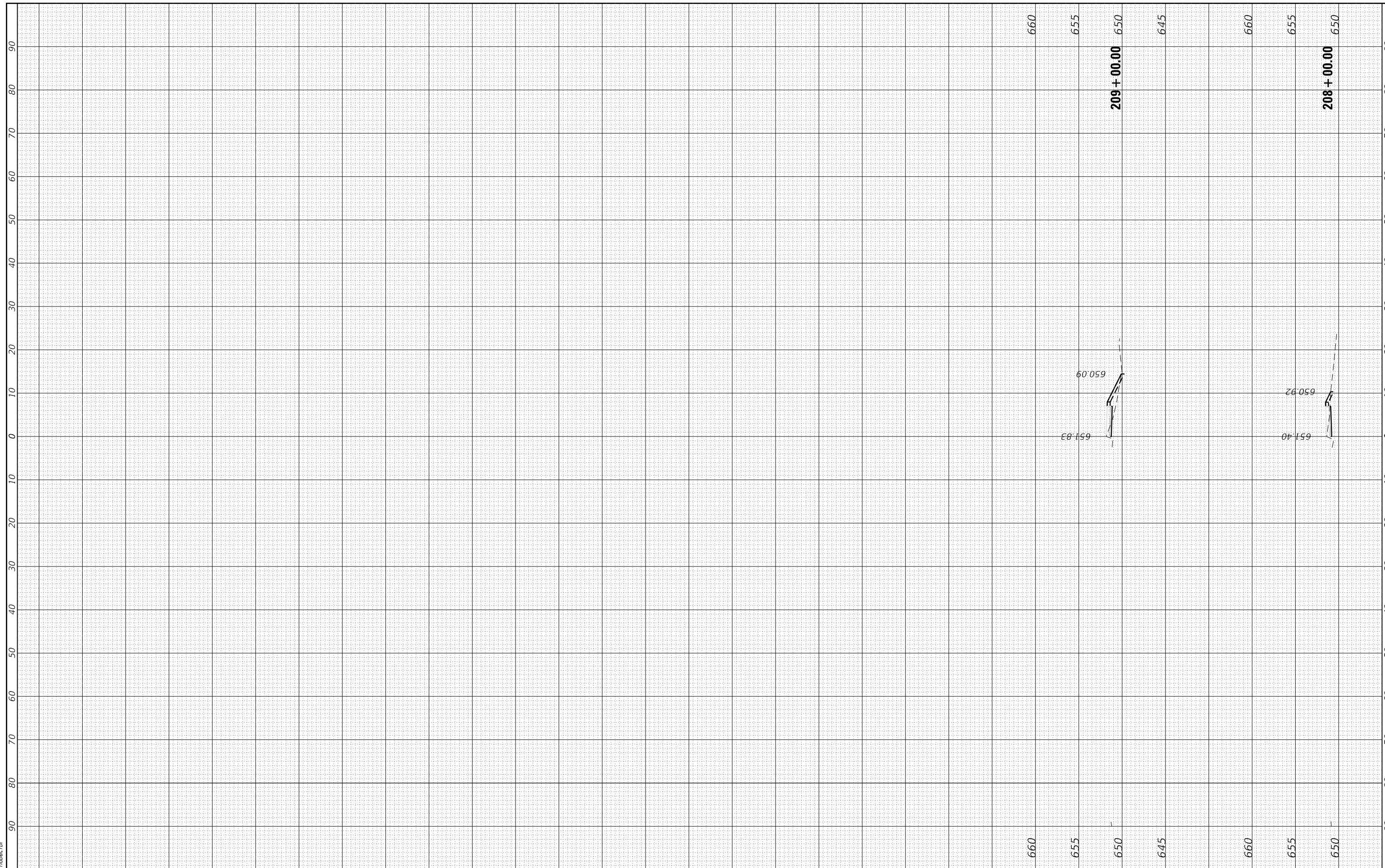
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	116
			CONTRACT NO. 61174	
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 200452  
 FILE NAME: 200452\18-00131-00-SW-Cross-Sections.dgn  
 PLOT DRIVER: lprf200452.ctb  
 PEN TABLE: plot.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GOLF ROAD**

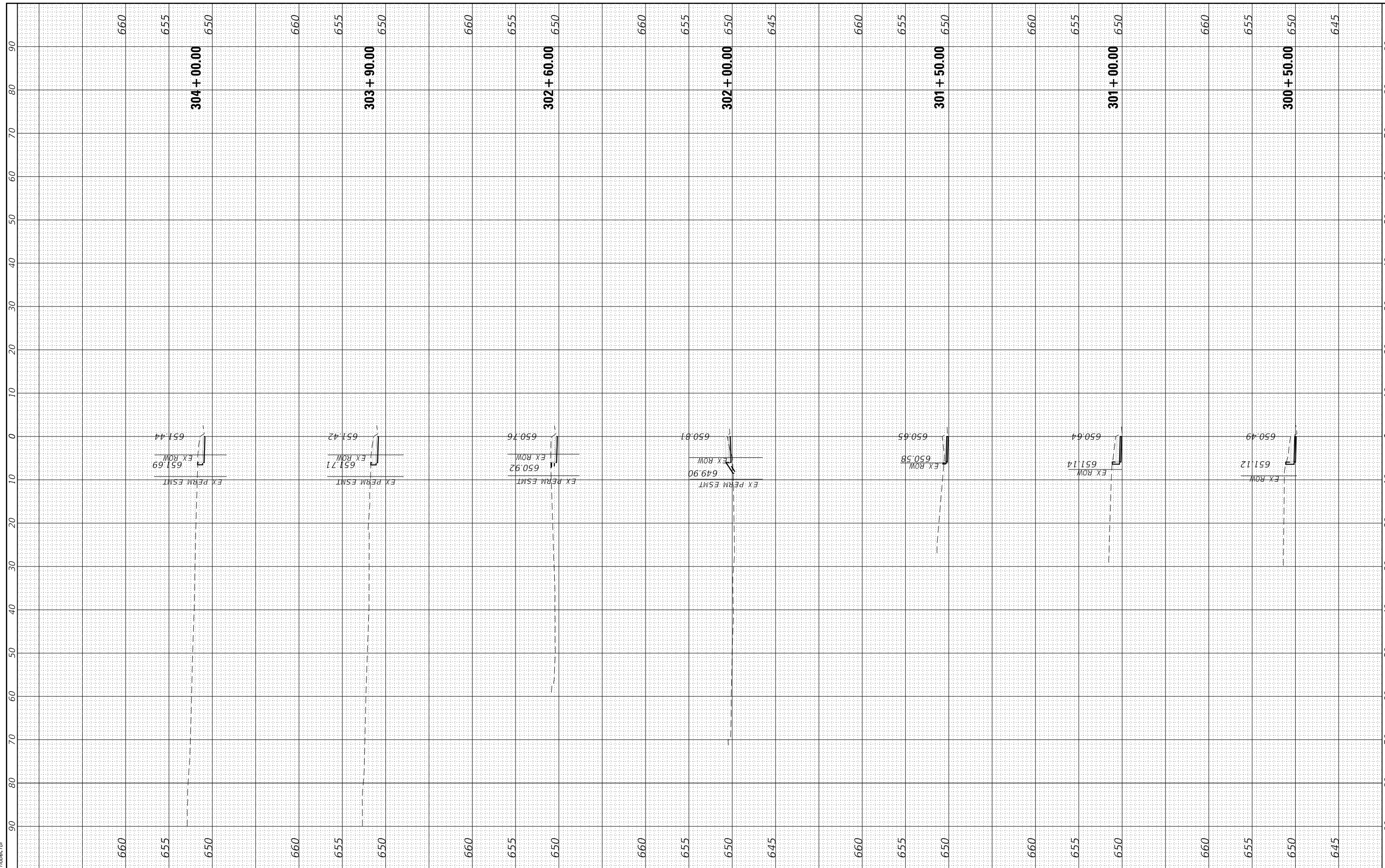
SCALE: 1"=10'    SHEET 4 OF 33 SHEETS    STA. 208+00.00 TO STA. 209+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	117
			CONTRACT NO.	61174
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 200452  
 FILE NAME: 200452+18-00131-00-5W.dgn  
 PLOT DRIVER: il\_caf\_bmp1c1c1g  
 PEN TABLE: plot1tbl.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GOLF ROAD**

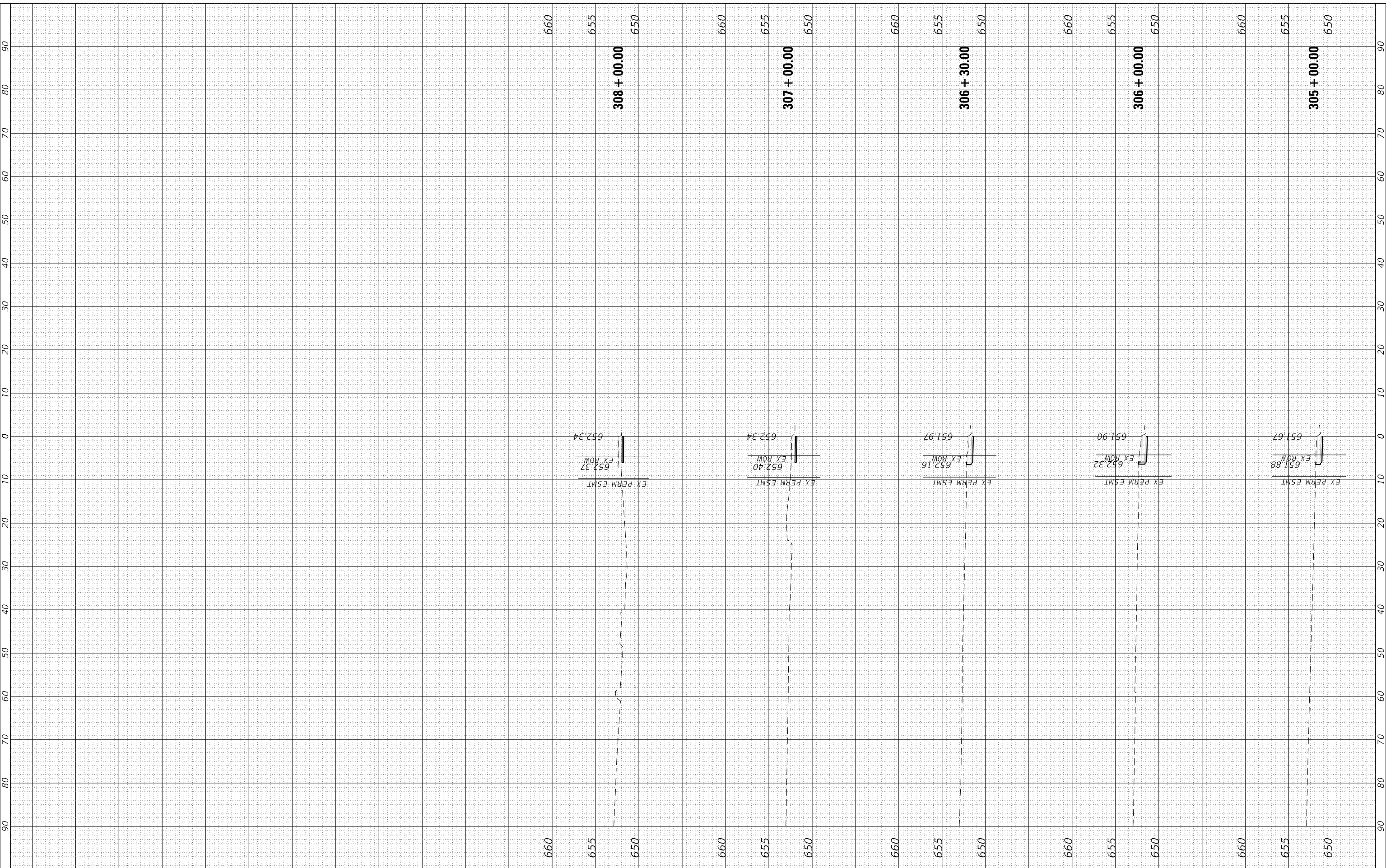
SCALE: 1"=10'    SHEET 5 OF 33 SHEETS    STA. 300+50.00 TO STA. 304+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-5W	COOK	146	118
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	

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

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

HRC PROJECT No: 200452  
 FILE NAME: 200452+18-00131-00-SW-CofA.dgn  
 PLOT DRIVER: ll\_caf\_bwp1c1c1g  
 PEN TABLE: p101tblen1.tbl




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USER NAME = bhartma	DESIGNED - CL	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 6/10/2024	CHECKED - BDH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**GOLF ROAD**

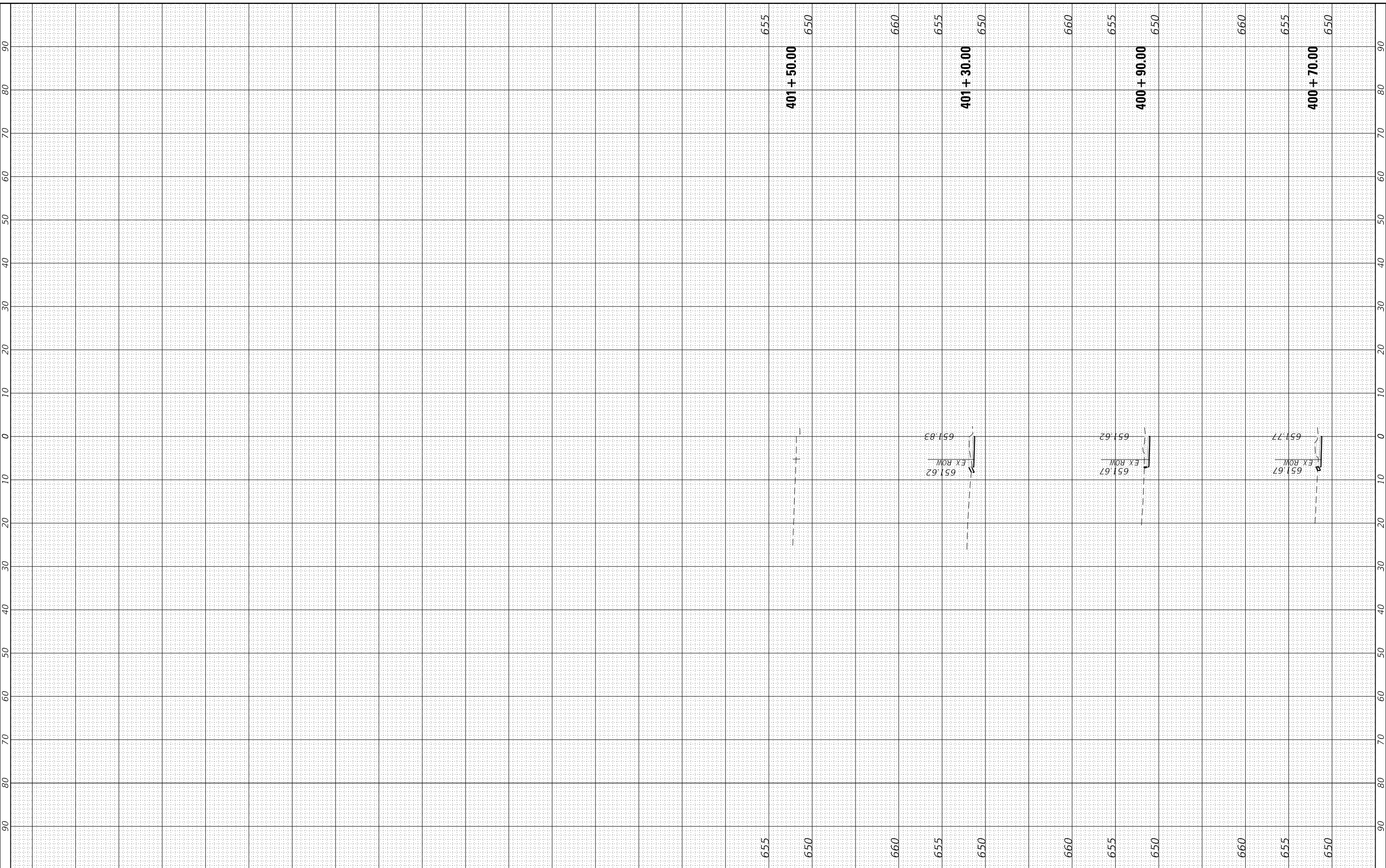
SCALE: 1"=10'    SHEET 6 OF 33 SHEETS    STA. 305+00.00 TO STA. 308+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	119
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED	BY	DATE
	TEMPLATE AREAS CHECKED		

HRG PROJECT No: 200452  
 FILE NAME: 200452\18-00131-00-SW-Corrf400.dgn  
 PLOT DRIVER: il\_caf\_bwp1c5g  
 PEN TABLE: plotlabel.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GOLF ROAD**

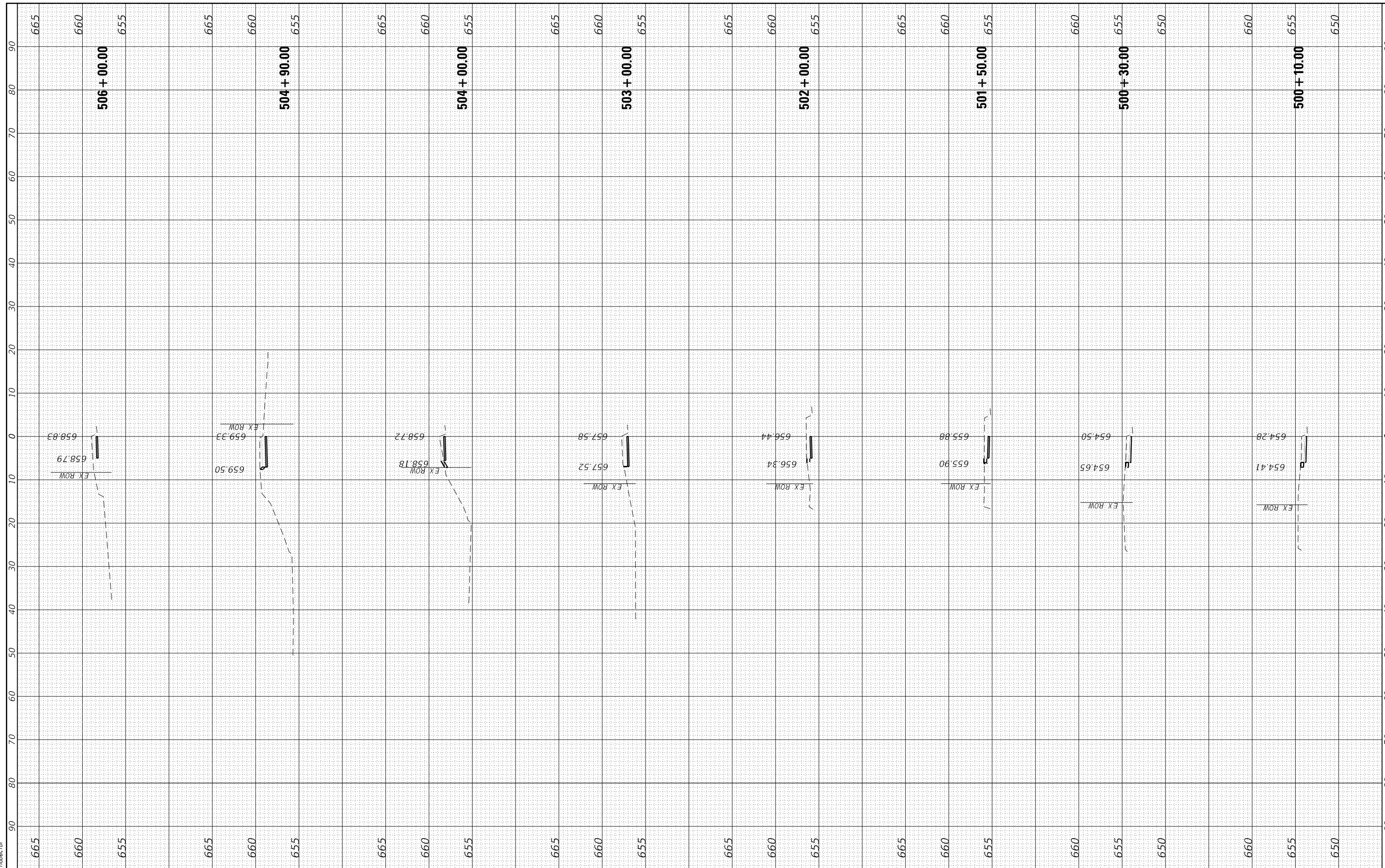
SCALE: 1"=10'    SHEET 7 OF 33 SHEETS    STA. 400+70.00 TO STA. 401+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	120
CONTRACT NO. 61174			ILLINOIS FED. AID PROJECT	

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

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

HRG PROJECT No: 200452  
 FILE NAME: 200452\18-00131-00-SW-CrossSec.dgn  
 PLOT DRIVER: lprf\_bmp1rct5g  
 PEN TABLE: plot1tblen.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GOLF ROAD**

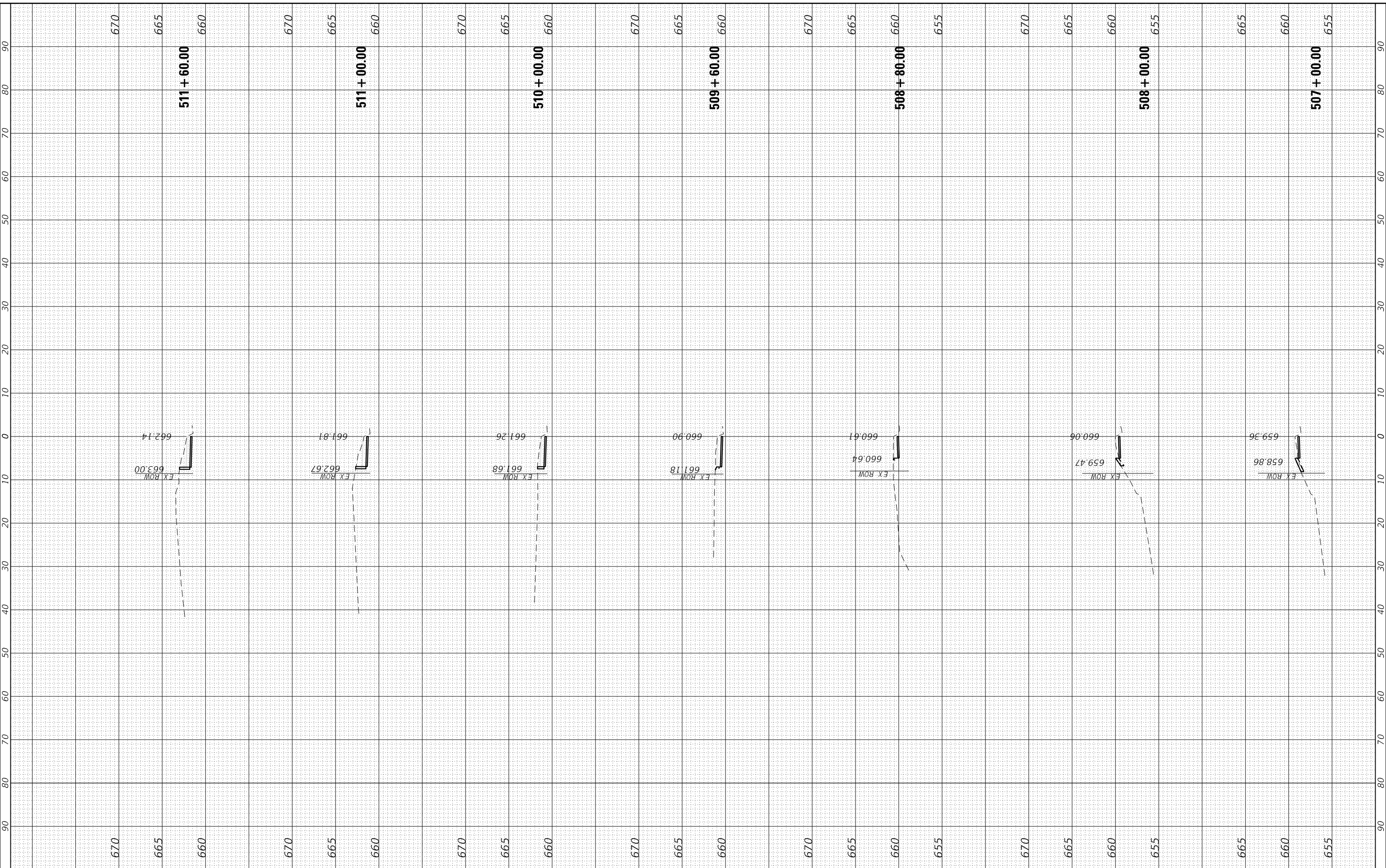
SCALE: 1"=10'    SHEET 8 OF 33 SHEETS    STA. 500+10.00 TO STA. 506+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	121
			CONTRACT NO. 61174	
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 200452  
 FILE NAME: 200452\11+K-Cof500.dgn  
 PLOT DRIVER: lprf\_bmp1c1c1g  
 PEN TABLE: p101tblen1.tl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GOLF ROAD**

SCALE: 1"=10' SHEET 9 OF 33 SHEETS STA. 507+00.00 TO STA. 511+60.00

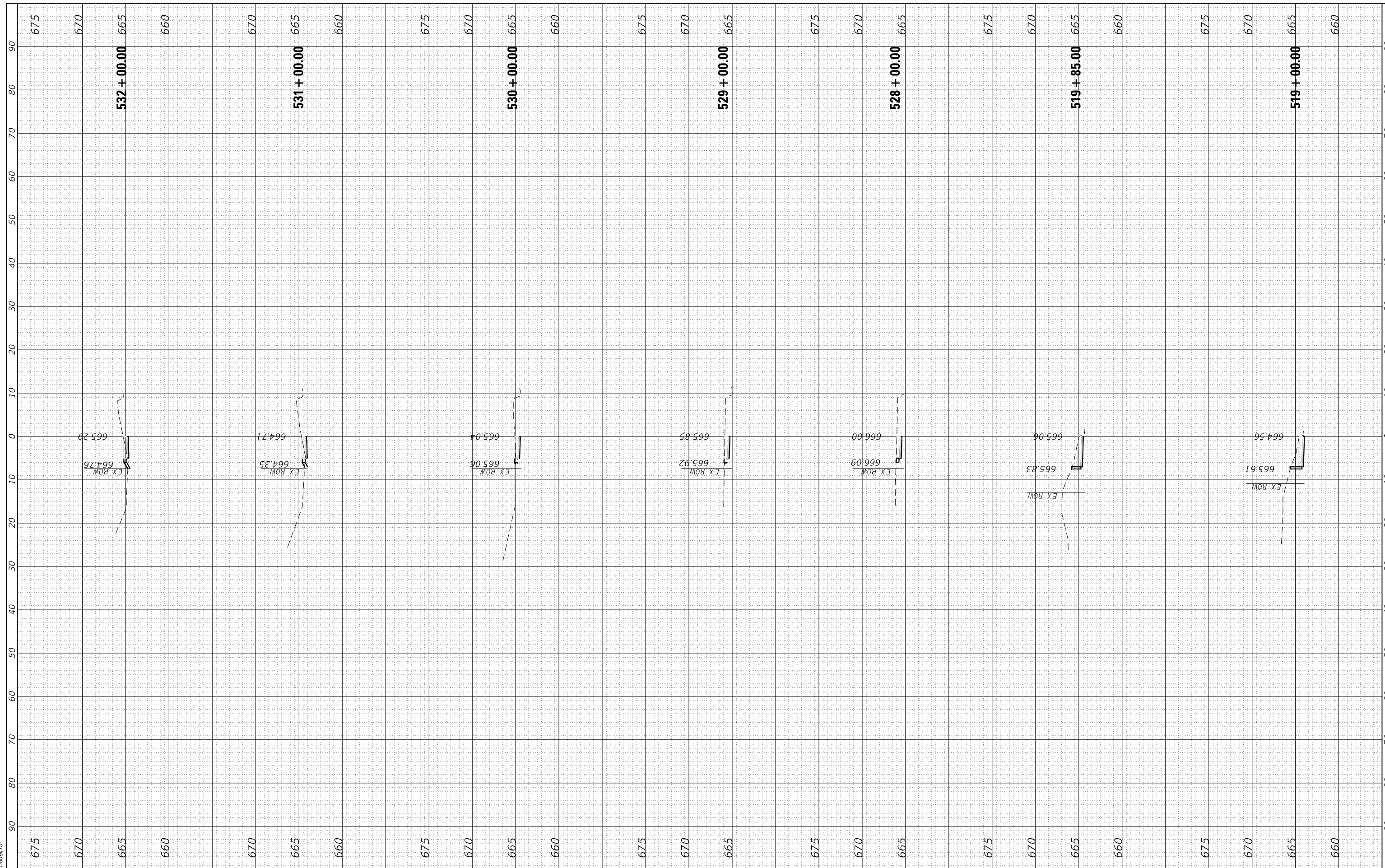
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	122
			CONTRACT NO. 61174	
ILLINOIS		FED. AID PROJECT		



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

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

HRG PROJECT No: 200462  
 FILE NAME: 200462\11+vs-Cof500.dgn  
 PLOT DRIVER: il\_caf\_bmp1r1c1g  
 PEN TABLE: plot1tbl.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20,0000 ' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GOLF ROAD**

SCALE: 1"=10'      SHEET 11 OF 33 SHEETS      STA. 519+00.00 TO STA. 532+00.00

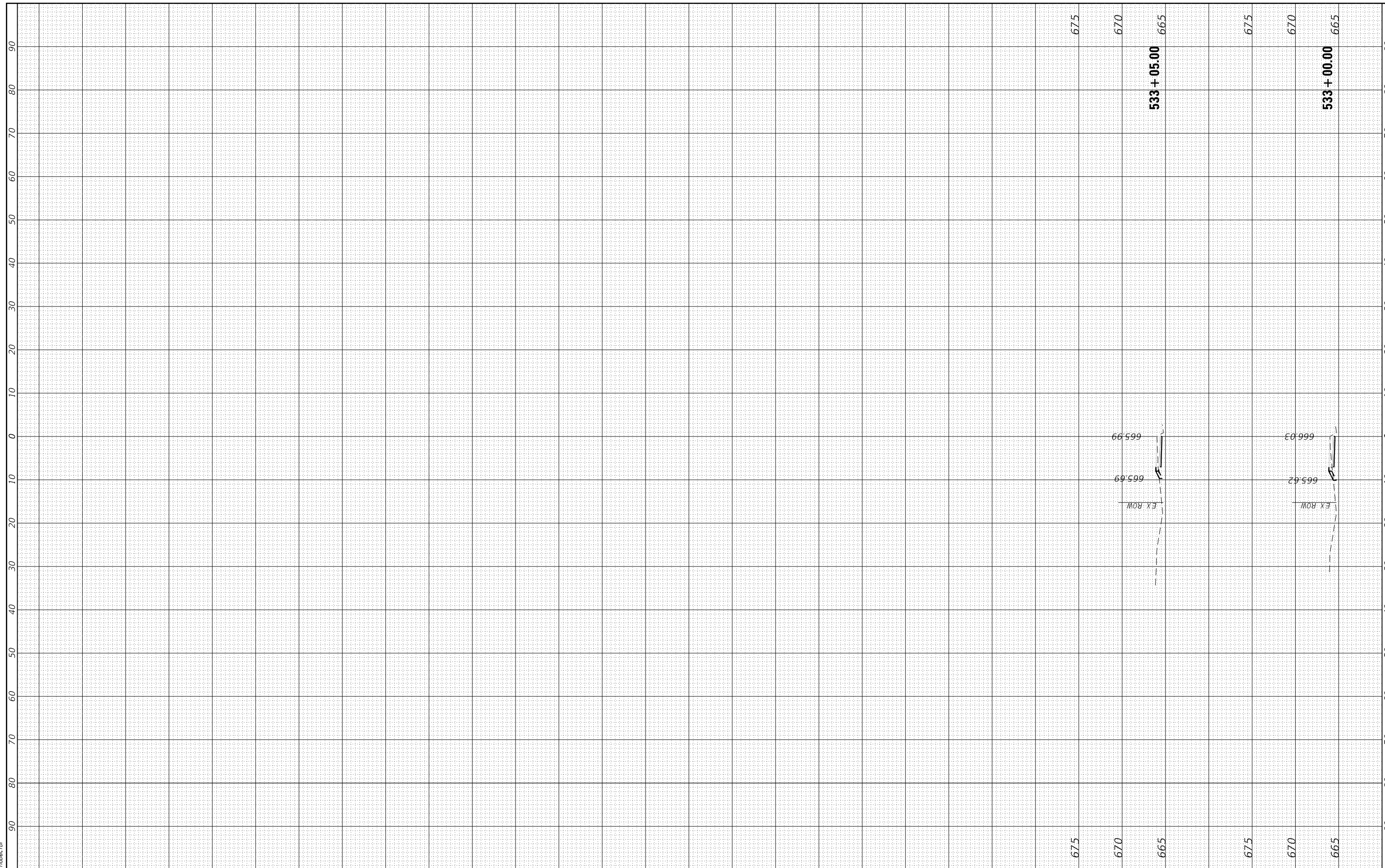
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	124
			CONTRACT NO. 61174	
ILLINOIS		FED. AID PROJECT		



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

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

HRC PROJECT No: 200452  
 FILE NAME: 200452-18-00131-00-5W-Cross-Sections.dgn  
 PLOT DRIVER: ll\_caf\_dwplc6g  
 PEN TABLE: p101tblen.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 6/10/2024	CHECKED - BDH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS</b>		
<b>GOLF ROAD</b>		
SCALE: 1"=10'	SHEET 12 OF 33 SHEETS	STA. 533+00.00 TO STA. 533+05.00

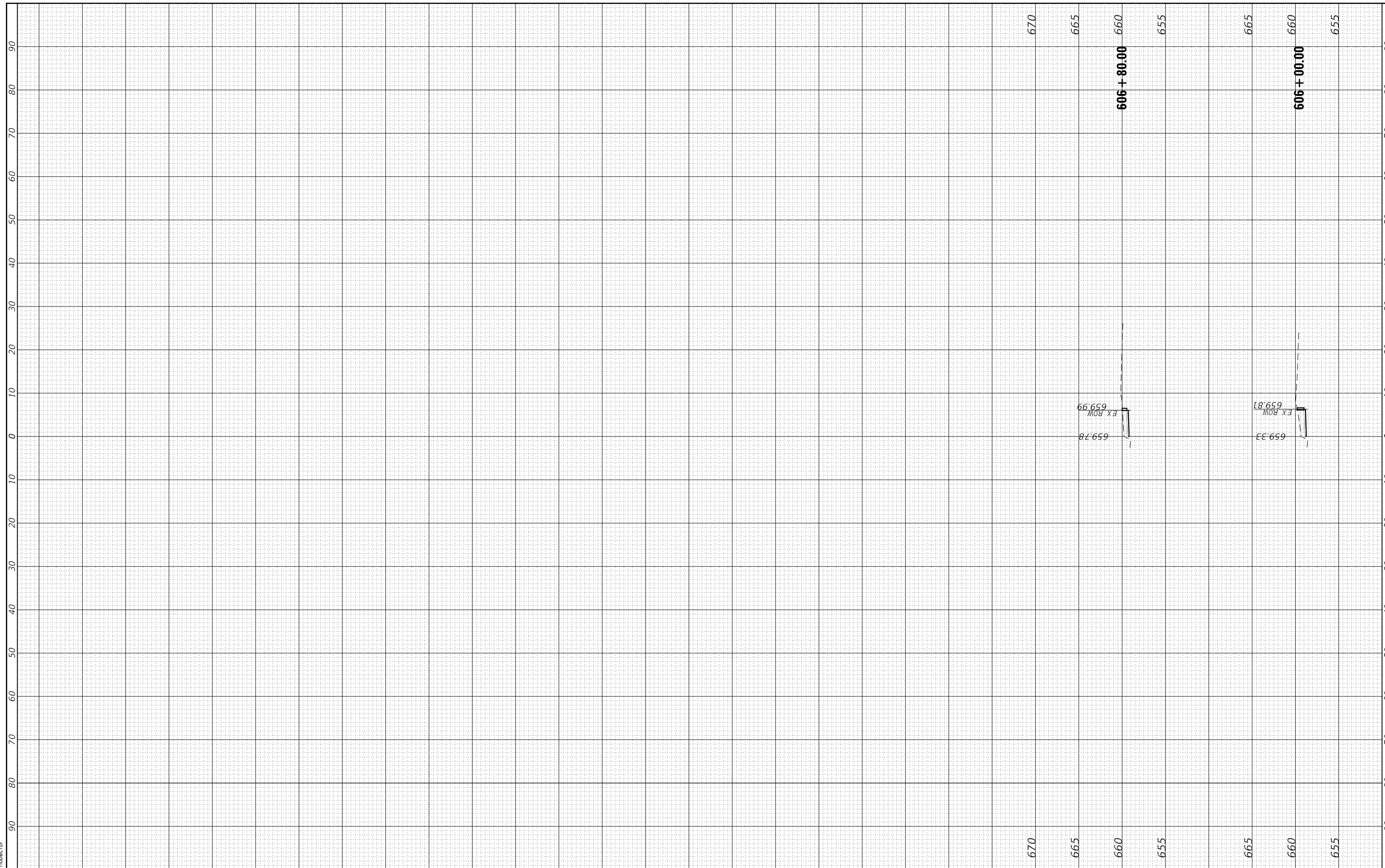
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-5W	COOK	146	125
			CONTRACT NO.	61174
ILLINOIS FED. AID PROJECT				



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

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

HRC PROJECT No: 200452  
 FILE NAME: 200452+18-00131-00-5W-Cross-Sections.dgn  
 PLOT DRIVER: ll\_caf600.ctb  
 PEN TABLE: plot/label.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**GOLF ROAD**

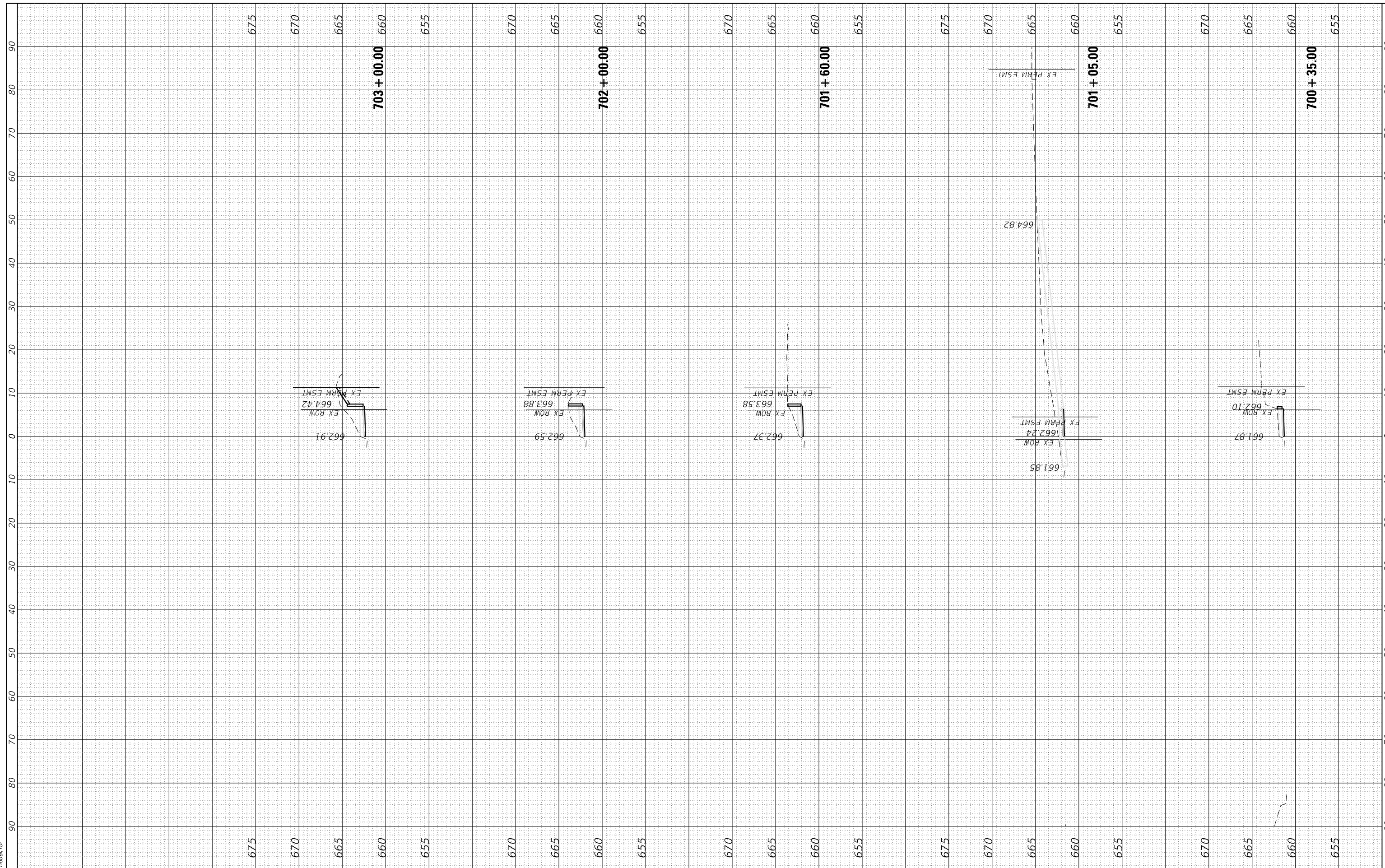
SCALE: 1"=10'    SHEET 14 OF 33 SHEETS    STA. 606+00.00 TO STA. 606+80.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-5W	COOK	146	127
			CONTRACT NO.	61174
		ILLINOIS	FED. AID PROJECT	

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

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

HRC PROJECT No: 200462  
 FILE NAME: 200462+18-00131-00-5W-Cross-Sections.dgn  
 PLOT DRIVER: il\_caf\_bmp16c5g  
 PEN TABLE: plot16bent.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

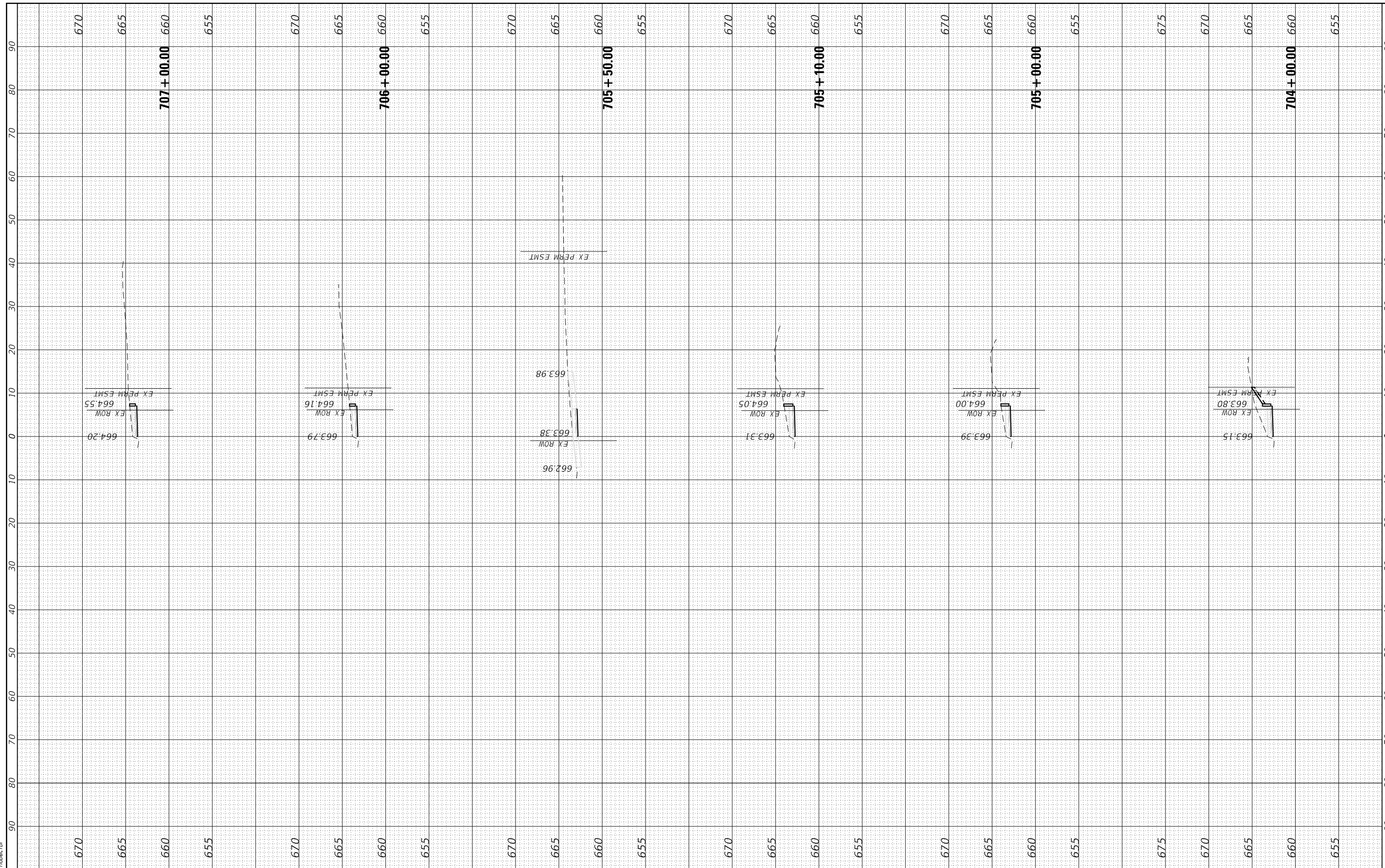
<b>CROSS SECTIONS</b>		
<b>GOLF ROAD</b>		
SCALE: 1"=10'	SHEET 15 OF 33 SHEETS	STA. 700+35.00 TO STA. 703+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-5W	COOK	146	128
			CONTRACT NO.	61174
ILLINOIS FED. AID PROJECT				

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

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

HRG PROJECT No: 200462  
 FILE NAME: 200462+18-00131-00-SW-CrossSec.dgn  
 PLOT DRIVER: lprf.dwgprtcsq  
 PEN TABLE: plottable.tbl



USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS GOLF ROAD</b>	
SCALE: 1"=10'	SHEET 16 OF 33 SHEETS
STA. 704+00.00 TO STA. 707+00.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	129
				CONTRACT NO. 61174
				ILLINOIS FED. AID PROJECT

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

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

HRC PROJECT No: 200452  
 FILE NAME: 200452\18-00131-00-SW-Cross-Sections.dgn  
 PLOT DRIVER: ilcpltdrvr.ctb  
 PEN TABLE: plottable.tbl



USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**GOLF ROAD**

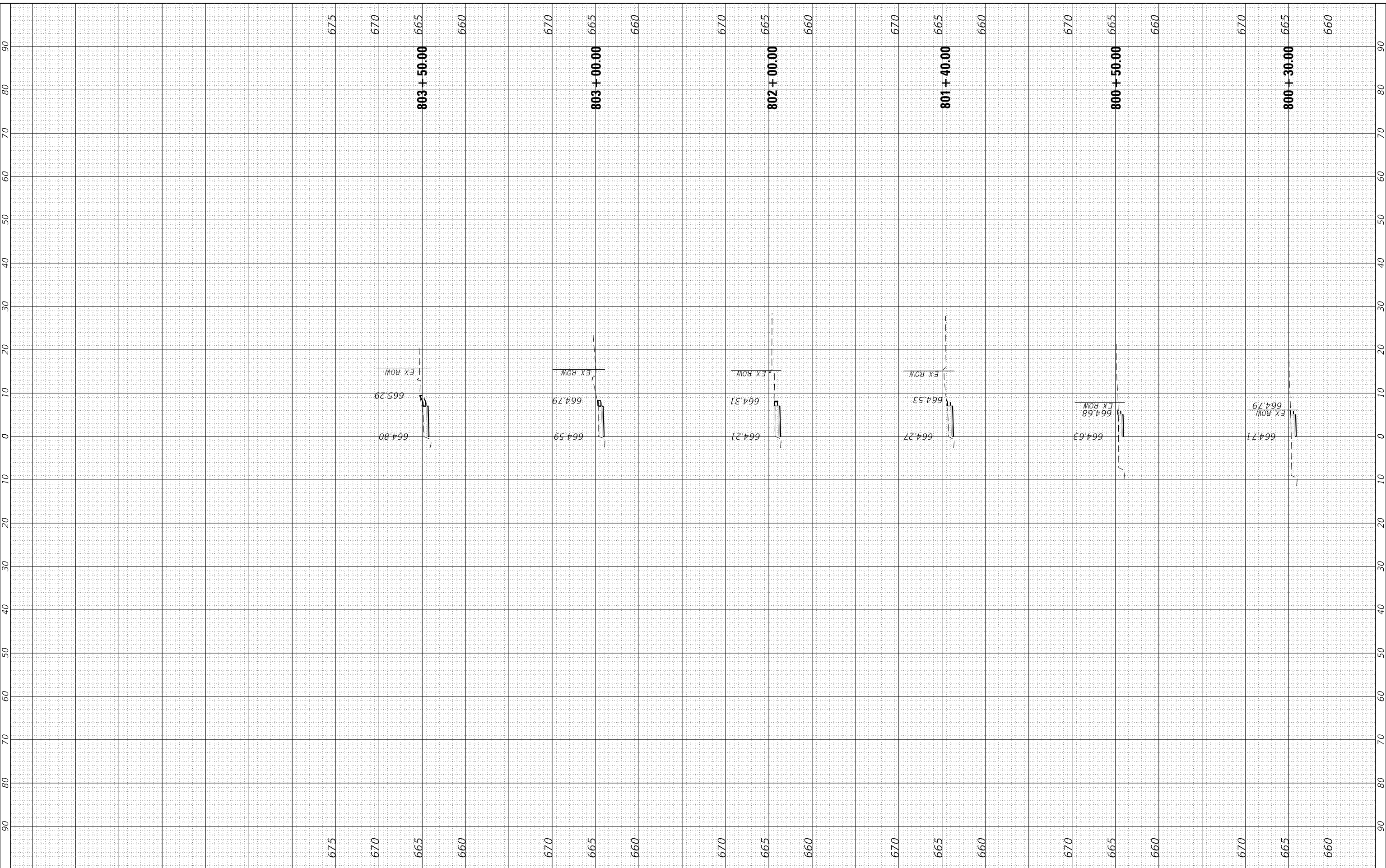
SCALE: 1"=10'    SHEET 17 OF 33 SHEETS    STA. 707+25.00 TO STA. 707+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	130
			CONTRACT NO.	61174
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRC PROJECT No: 200452  
 FILE NAME: 200452-18-00131-00-5W-Cross-Sections.dgn  
 PLOT DRIVER: lprf.dwgprtcsq  
 PEN TABLE: plottbl.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**GOLF ROAD**

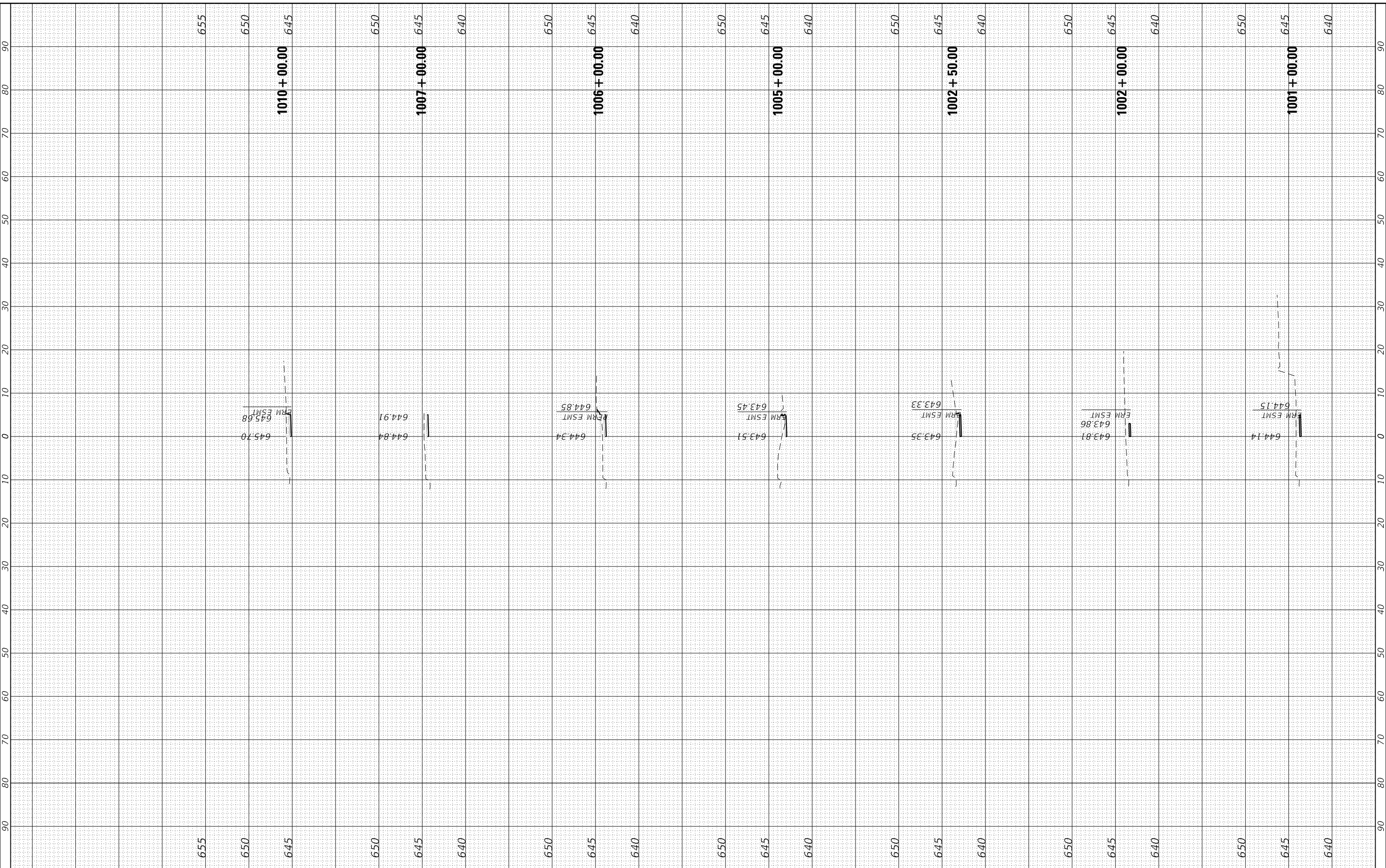
SCALE: 1"=10'    SHEET 18 OF 33 SHEETS    STA. 800+30.00 TO STA. 803+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-5W	COOK	146	131
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRC PROJECT No: 200452  
 FILE NAME: 200452  
 PLOT DRIVER: ll\_caf\_bmp1c1c5g  
 PEN TABLE: p1010tbl.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS</b>		
<b>GREENWOOD AVENUE</b>		
SCALE: 1"=10'	SHEET 19 OF 33 SHEETS	STA. 1001+00.00 TO STA. 1010+00.00

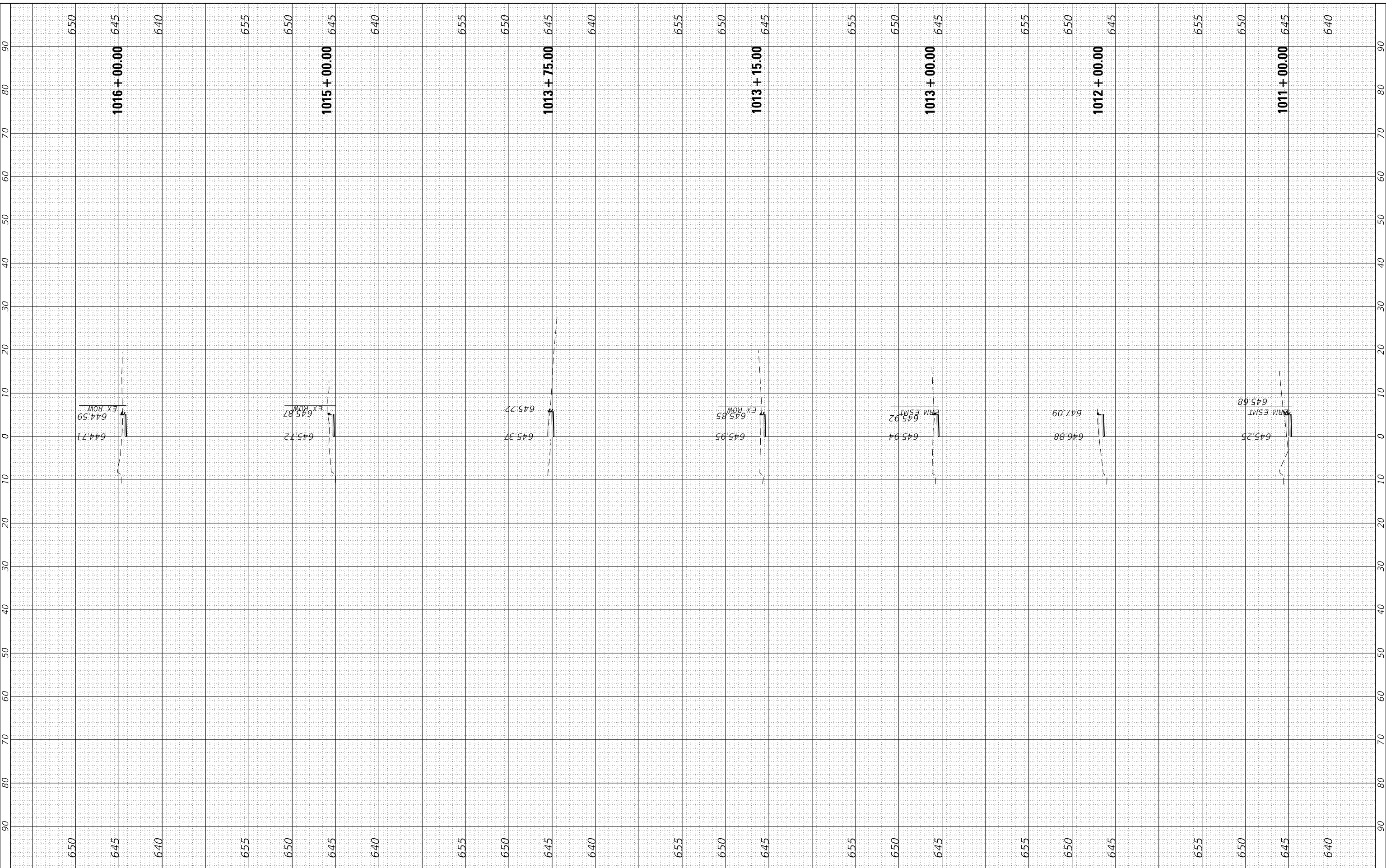
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	132
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 200452  
 FILE NAME: 1011+00.00.dgn  
 PLOT DRIVER: lprf dwtcfcg  
 PEN TABLE: plot.tbl



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 #184-001322

USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GREENWOOD AVENUE**

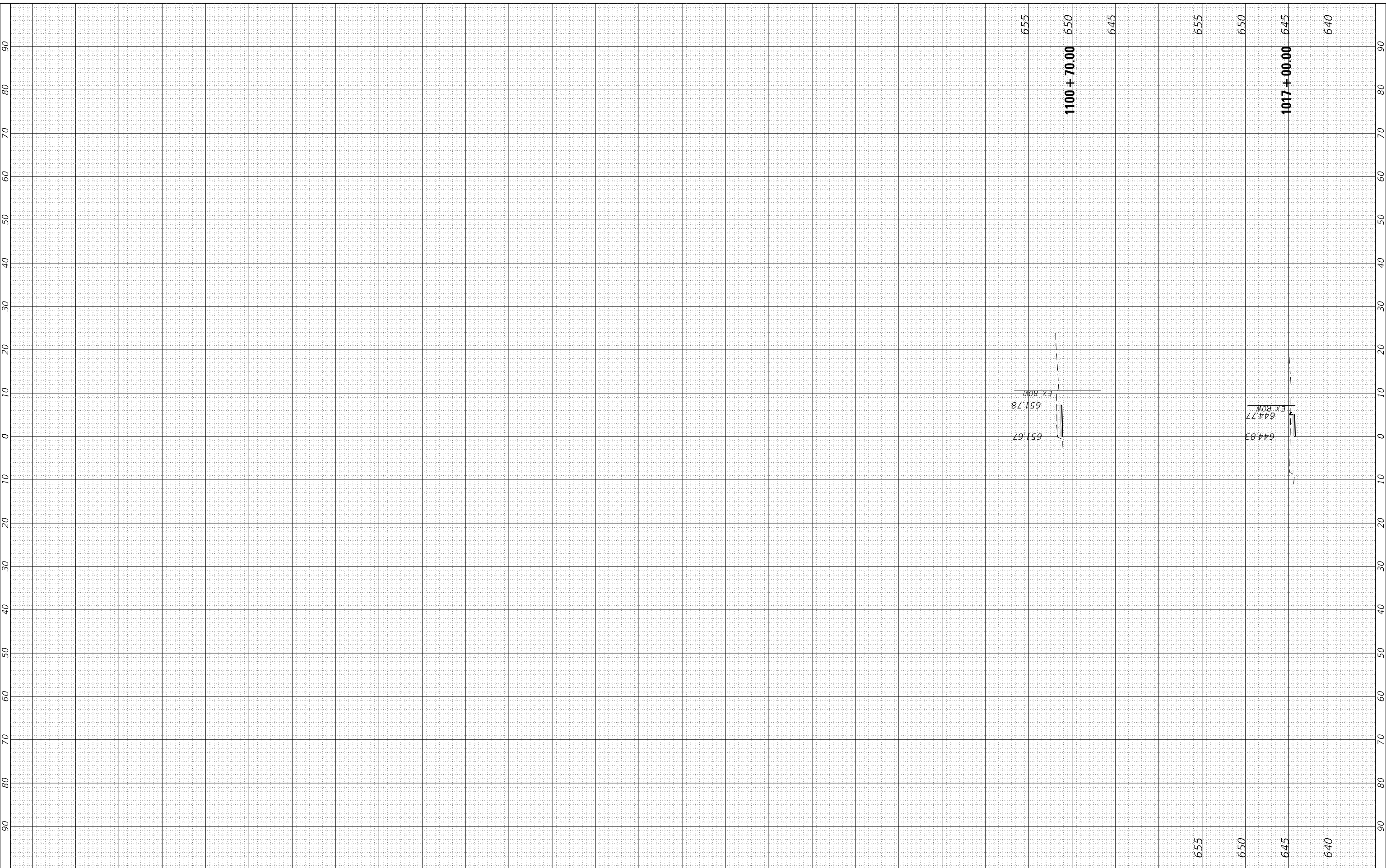
SCALE: 1"=10'    SHEET 20 OF 33 SHEETS    STA. 1011+00.00 TO STA. 1016+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	133
			CONTRACT NO.	61174
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRC PROJECT No: 200452  
 FILE NAME: 200452+18-00131-00-SW-Cross-1000.dgn  
 PLOT DRIVER: il\_caf\_bmp1c1c1g  
 PEN TABLE: plotlabel.tbl



HRC Green.com  
 Illinois Professional Design Firm  
 #184-001322

USER NAME = bhartma	DESIGNED - CW	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN - WJH	REVISED -
PLOT DATE = 6/10/2024	CHECKED - BDH	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**GREENWOOD AVENUE**

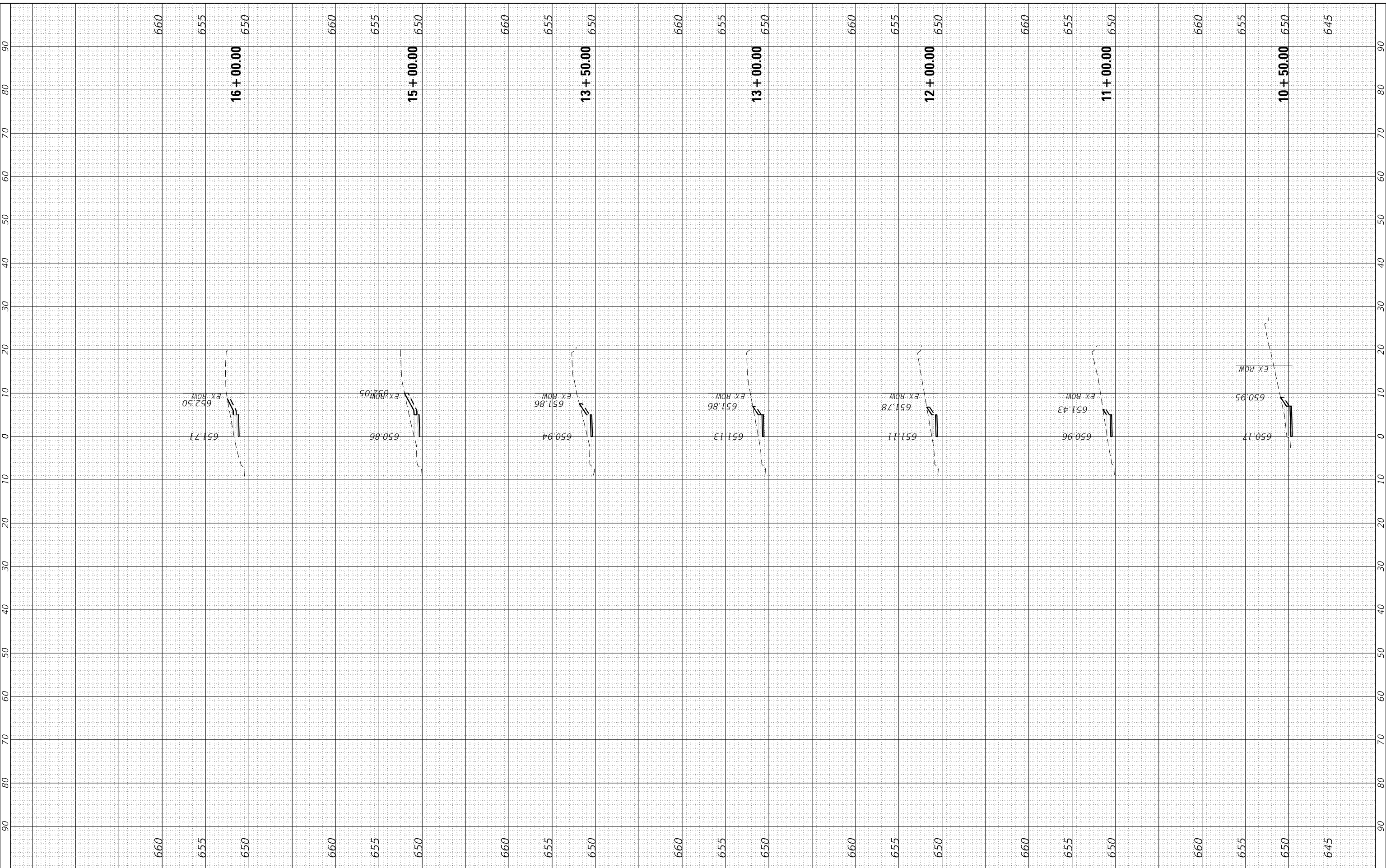
SCALE: 1"=10'    SHEET 21 OF 33 SHEETS    STA. 1017+00.00 TO STA. 1101+20.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	145	133
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	

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

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

HRG PROJECT No: 200452  
 FILE NAME: 18-00131-00-SW-Cross-Grreen-10.dgn  
 PLOT DRIVER: il\_caf\_bmp1c1c1g  
 PEN TABLE: plot1tbl.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GREENWOOD AVENUE**

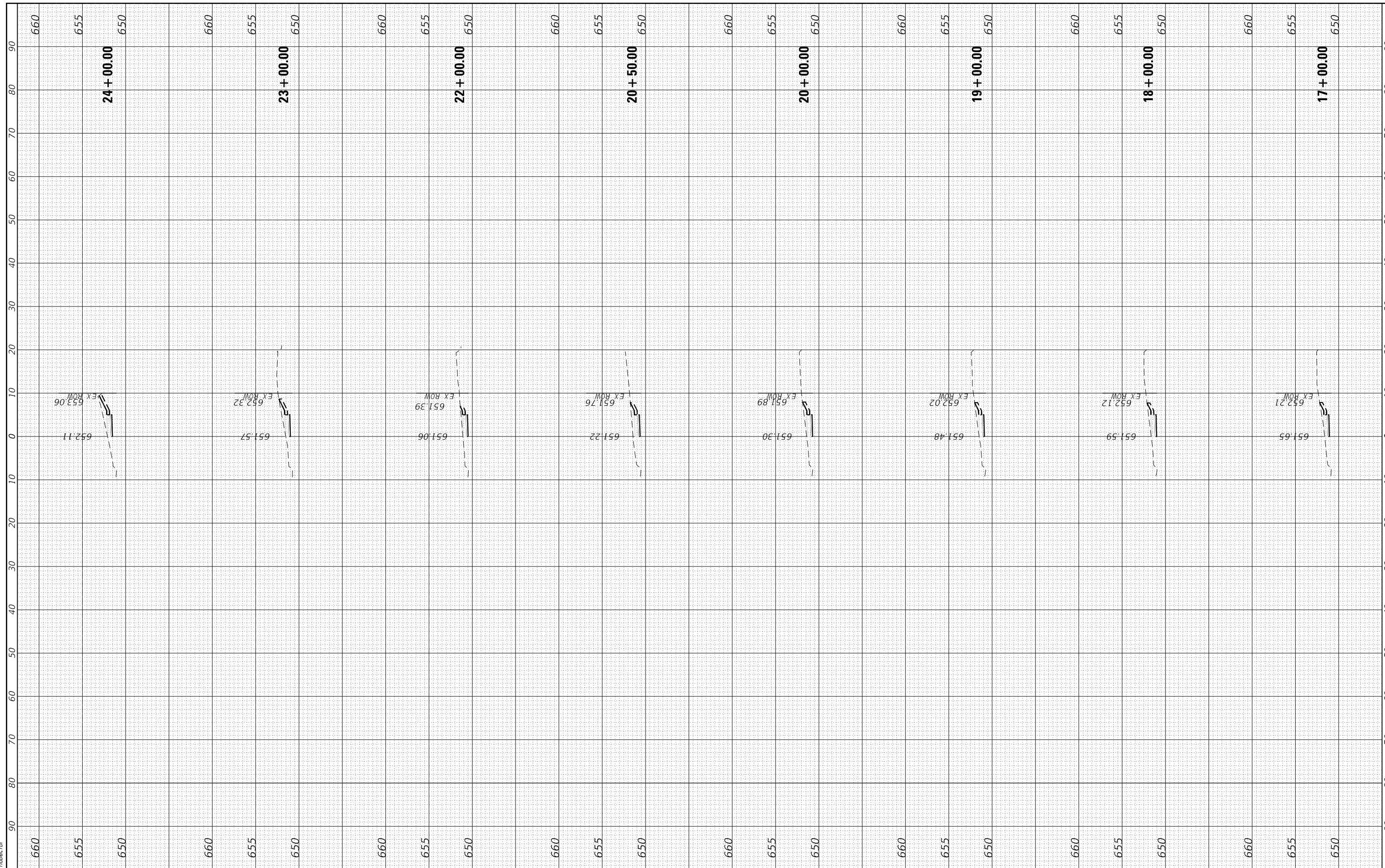
SCALE: 1"=10'    SHEET 22 OF 33 SHEETS    STA. 10+50.00 TO STA. 16+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	135
			CONTRACT NO. 61174	
ILLINOIS FED. AID PROJECT				

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

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

HRC PROJECT No: 200452  
 FILE NAME: 200452  
 PLOT DRIVER: ll\_caf\_bmp1c1c5g  
 PEN TABLE: p1010a1b1.td1




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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**GREENWOOD AVENUE**

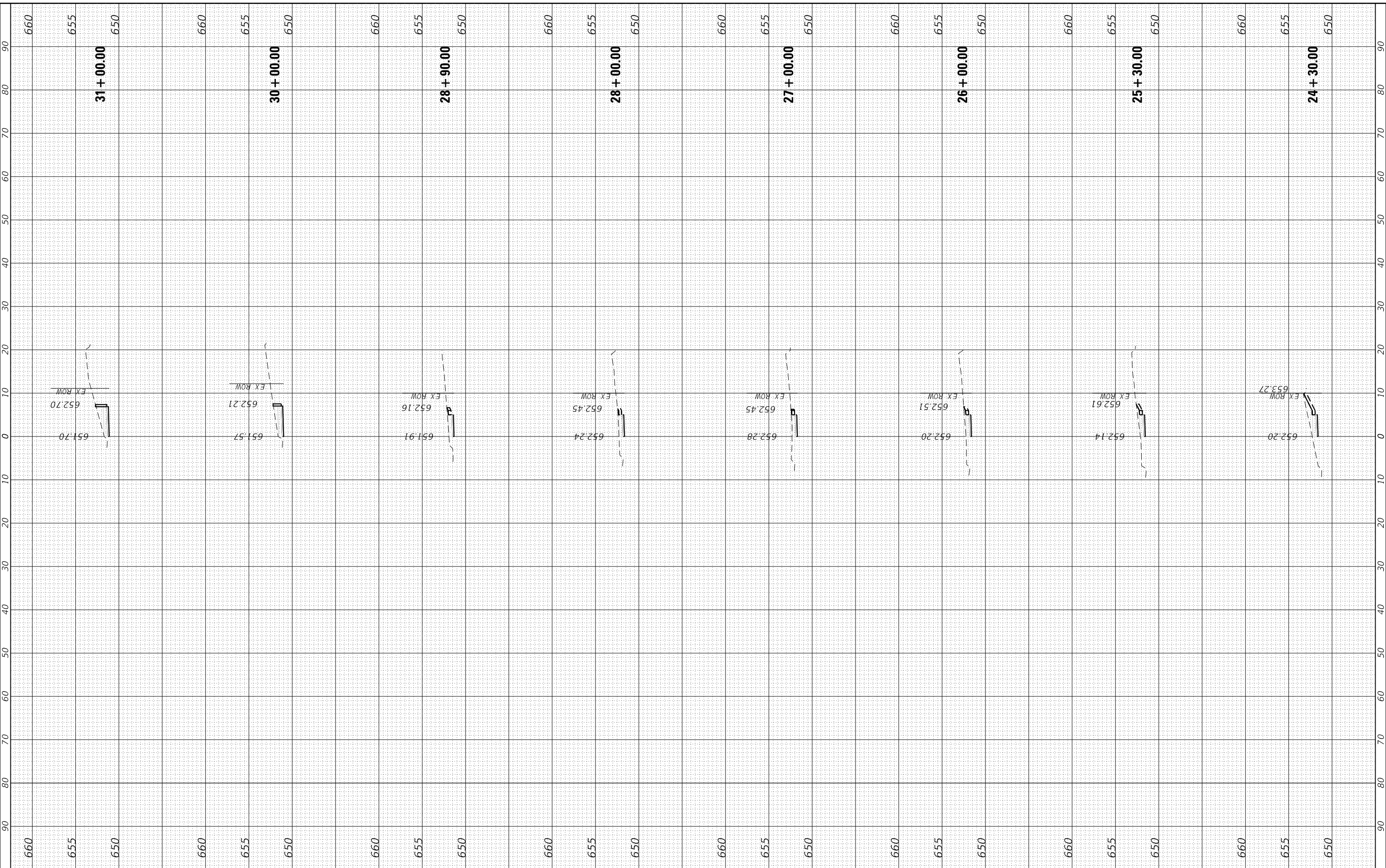
SCALE: 1"=10'    SHEET 23 OF 33 SHEETS    STA. 17+00.00 TO STA. 24+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	136
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	

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

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

HRG PROJECT No: 200462  
 FILE NAME: 200462  
 PLOT DRIVER: il\_crf\_bmp1c1c5g  
 PEN TABLE: plp10tbl1.tl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GREENWOOD AVENUE**

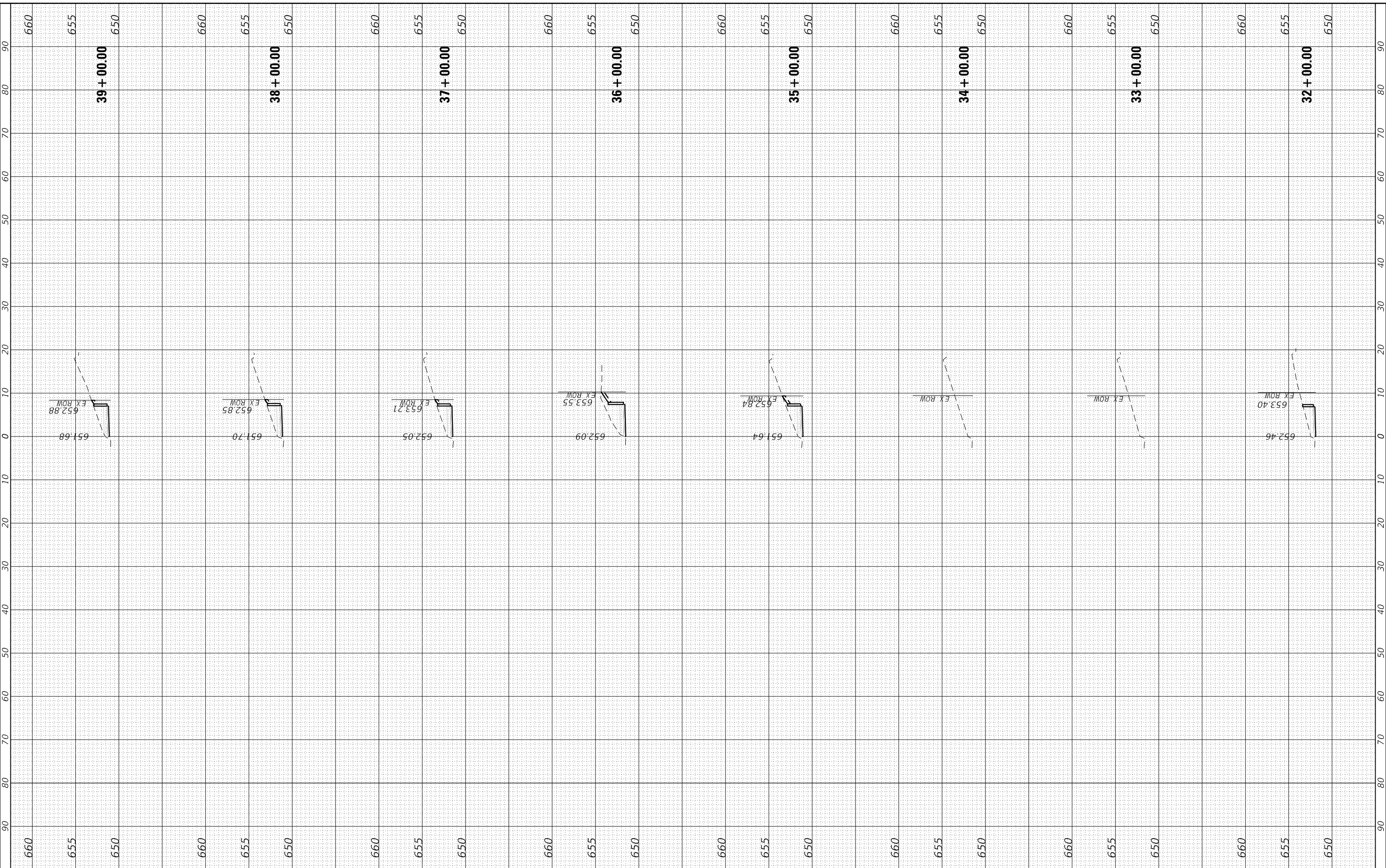
SCALE: 1"=10'    SHEET 24 OF 33 SHEETS    STA. 24+30.00 TO STA. 31+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	137
			CONTRACT NO.	61174
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRG PROJECT No: 200462  
 FILE NAME: 200462  
 PLOT DRIVER: ll\_caf\_bmp1c1c1g  
 PEN TABLE: p1010a1b1d1



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 GREENWOOD AVENUE**

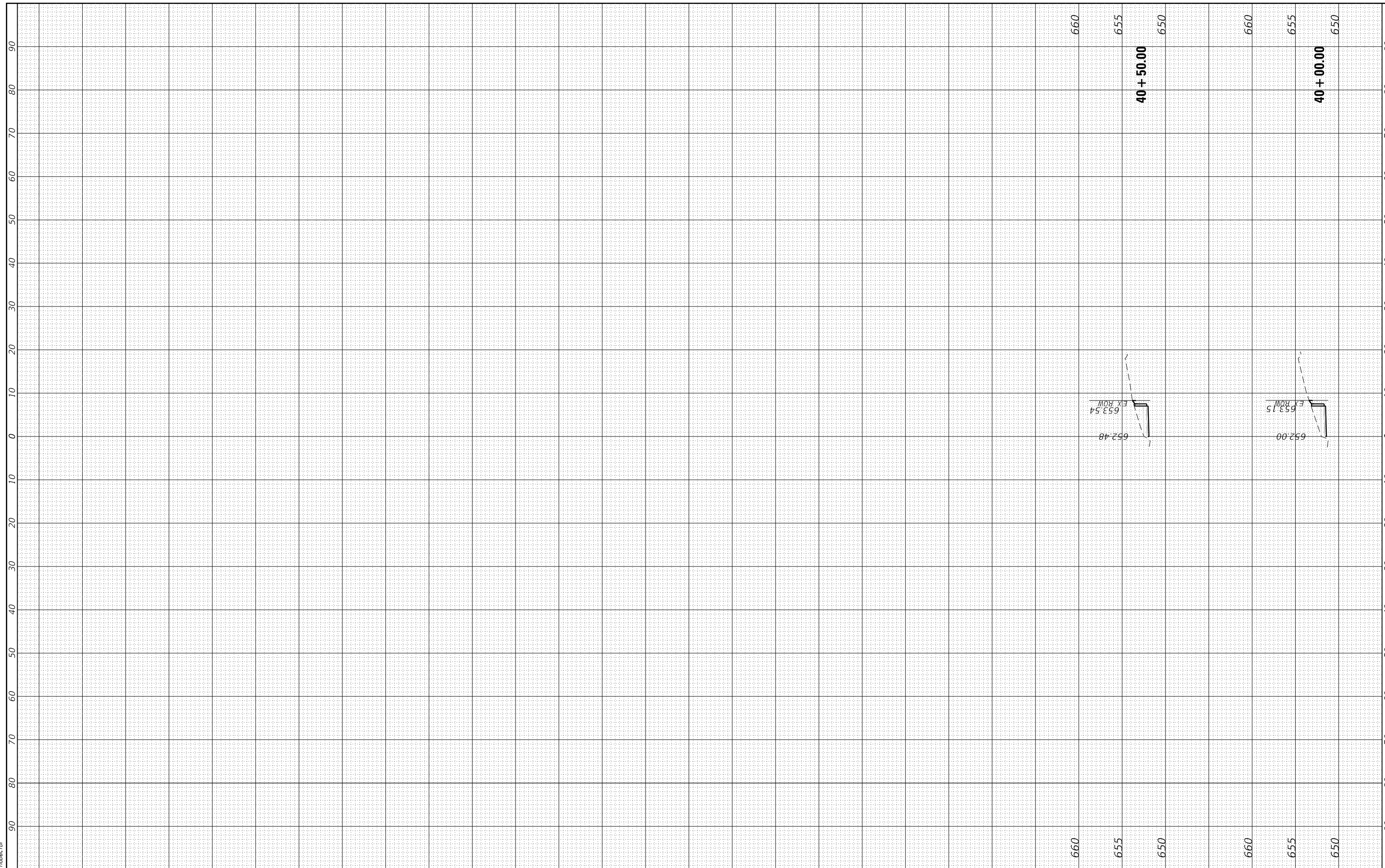
SCALE: 1"=10'    SHEET 25 OF 33 SHEETS    STA. 32+00.00 TO STA. 39+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	138
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	

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

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

HRC PROJECT No: 200452  
 FILE NAME: 200452+18-00131-00-SW-Cross-10.dgn  
 PLOT DRIVER: ll\_caf\_bmp1c1c1g  
 PEN TABLE: plotlabel.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**GREENWOOD AVENUE**

SCALE: 1"=10'    SHEET 26 OF 33 SHEETS    STA. 40+00.00 TO STA. 40+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	139
			CONTRACT NO. 61174	
ILLINOIS FED. AID PROJECT				





FINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

HRC PROJECT No: 200452  
 FILE NAME: 200452\18-00131-00-SW-Cross-900.dgn  
 PLOT DRIVER: il\_caf\_bwp1c1c1g  
 PEN TABLE: plotlabel.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**GREENWOOD AVENUE**

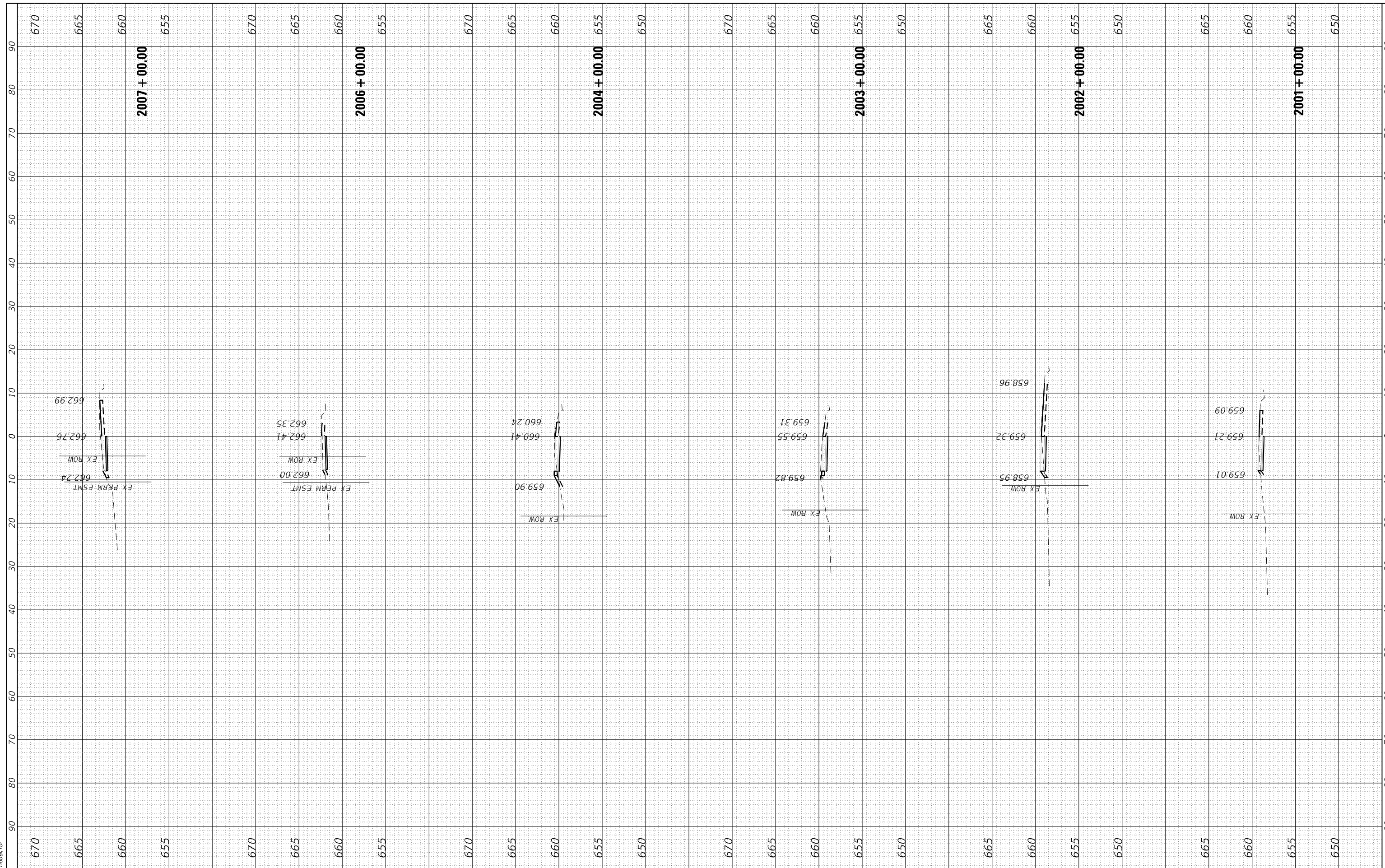
SCALE: 1"=10'    SHEET 28 OF 33 SHEETS    STA. 905+50.00 TO STA. 905+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	141
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	

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

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

HRG PROJECT No: 200462  
 FILE NAME: 200462\11+K+M2000.dgn  
 PLOT DRIVER: lprf.dwt/cfg  
 PEN TABLE: p10/label.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 MILWAUKEE AVENUE**

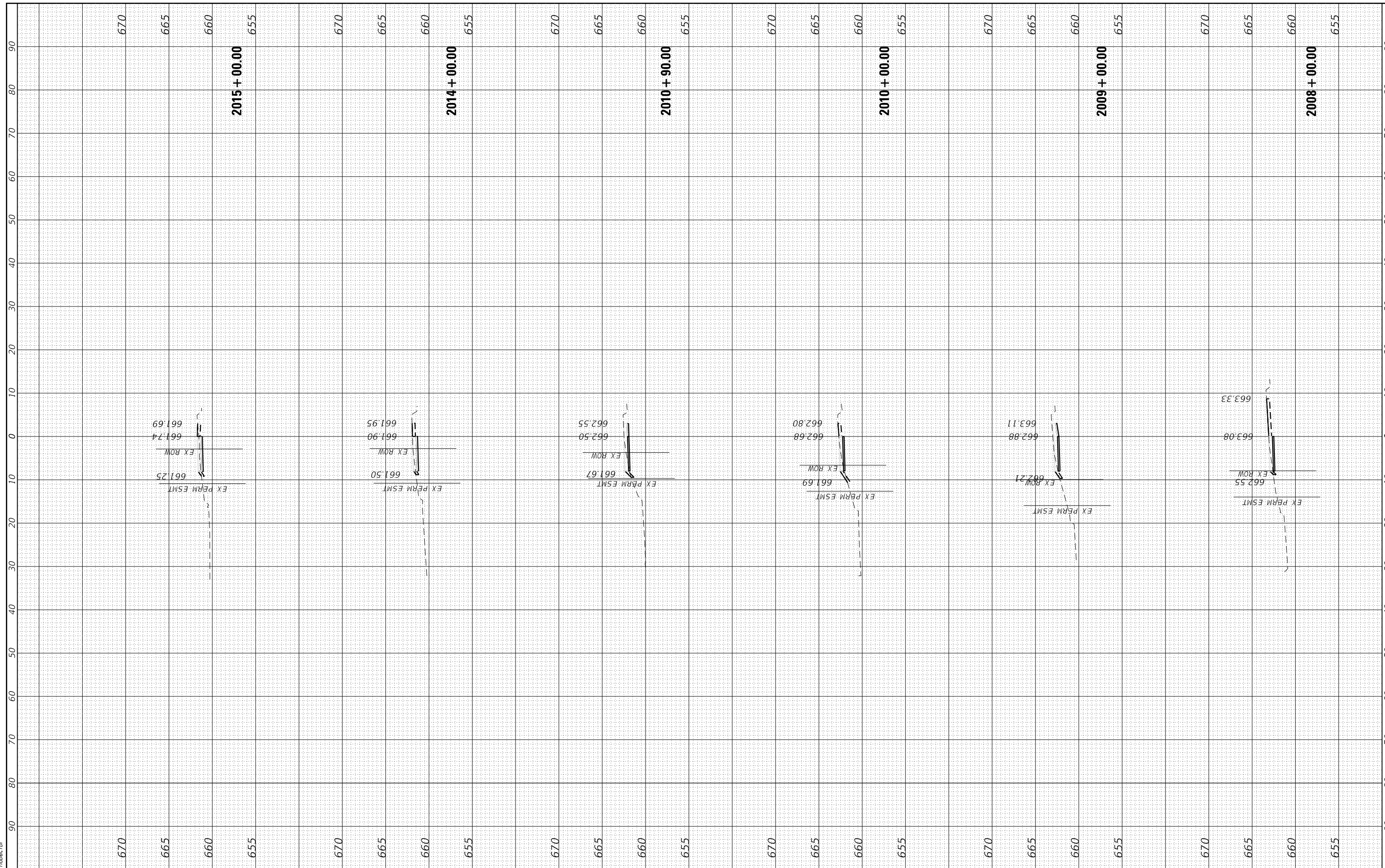
SCALE: 1"=10'      SHEET 29 OF 33 SHEETS      STA. 2001+00.00 TO STA. 2007+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	142
			CONTRACT NO.	61174
		ILLINOIS	FED. AID PROJECT	

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

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

HRG PROJECT No: 200462  
 FILE NAME: 200462.dgn  
 PLOT DRIVER: ll\_caf.dwg/pc1c.dwg  
 PEN TABLE: p10/label.tbl



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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 MILWAUKEE AVENUE**

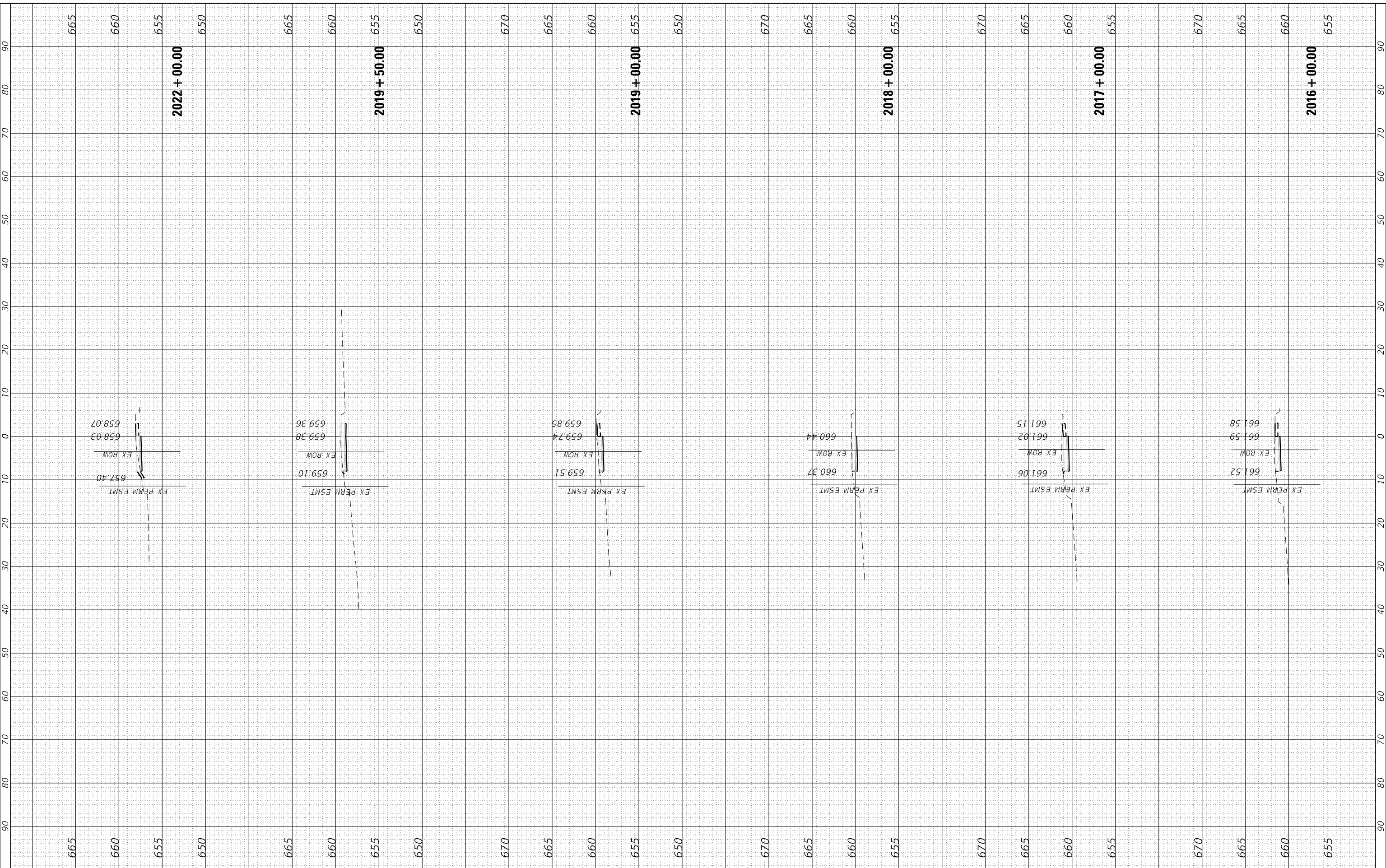
SCALE: 1"=10'    SHEET 30 OF 33 SHEETS    STA. 2008+00.00 TO STA. 2015+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	143
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	

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

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

HRC PROJECT No: 200462  
 FILE NAME: 200462+18-00131-00-5W+M2000.dgn  
 PLOT DRIVER: lprf.dwt/cr/cg  
 PEN TABLE: plot.tbl



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USER NAME =	bhartma
DESIGNED -	CL
DRAWN -	WJH
CHECKED -	BDH
DATE -	
PLOT SCALE =	20.0000' / in.
PLOT DATE =	6/10/2024

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**MILWAUKEE AVENUE**

SCALE: 1"=10'    SHEET 31 OF 33 SHEETS    STA. 2016+00.00 TO STA. 2022+00.00

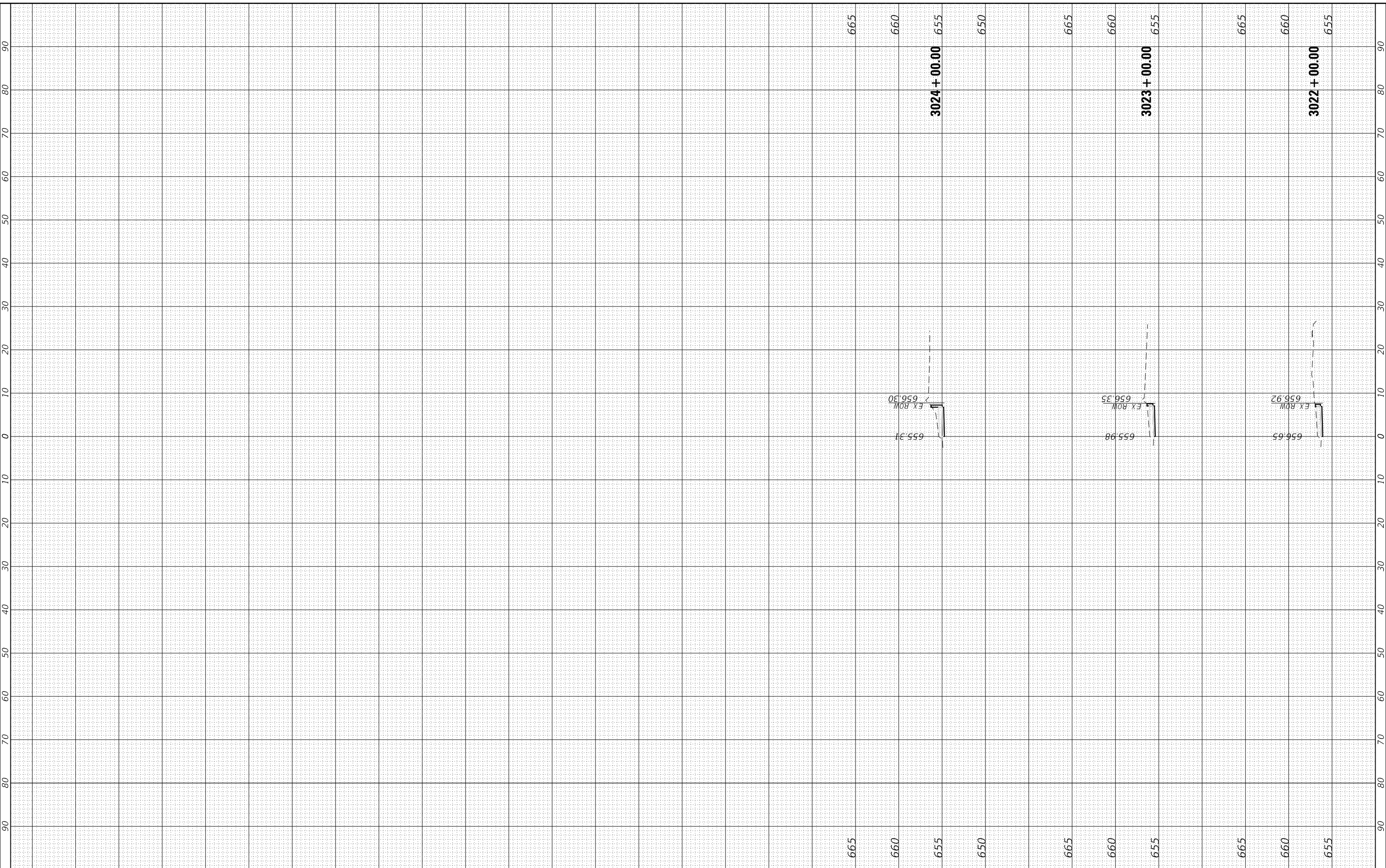
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-5W	COOK	146	144
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	



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

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

HRC PROJECT No: 200452  
 FILE NAME: 200452+18-00131-00-SW-MR3000.dgn  
 PLOT DRIVER: ll\_caf\_dwg.ctb  
 PEN TABLE: plot.tbl




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USER NAME = bhartma	DESIGNED - CL	REVISED -
	DRAWN - WJH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BDH	REVISED -
PLOT DATE = 6/10/2024	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
**MILWAUKEE AVENUE**

SCALE: 1"=10'    SHEET 33 OF 33 SHEETS    STA. 3022+00.00 TO STA. 3024+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	18-00131-00-SW	COOK	146	146
			CONTRACT NO. 61174	
		ILLINOIS	FED. AID PROJECT	