

NOTES:

- EXISTING TREES AND BUSHES SHALL BE PRUNED AS NECESSARY TO ENSURE CLEAR SIGHT LINES FOR VEHICULAR AND NON-VEHICULAR TRAFFIC TO SIGNAGE AND EACH OTHER.
- THE MINIMUM DISTANCE BETWEEN CROSSWALKS AND STOP BARS SHALL BE 4'.

- LEGEND:**
- ① 78009006 - MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WHITE SOLID
 - ② 78009024 - MODIFIED URETHANE PAVEMENT MARKING - LINE 24" WHITE SOLID STOP BAR
 - ③ 78009012 - MODIFIED URETHANE PAVEMENT MARKING - LINE 12" WHITE SOLID (6' LONG, 3' C-C, PARALLEL TO DIRECTION OF TRAFFIC)

MODEL: Default
 FILE NAME: I:\2021\160160996\00 - Crestwood - Midlothian Turnpike\04 Drawings\DCN\CADD_Sheets\160996-Plan\mk.dgn
 DATE: 9/6/2022

Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN MEP	REVISED -
PLOT DATE = 9/6/2022	CHECKED ERB	REVISED -
	DATE 09/06/22	REVISED -

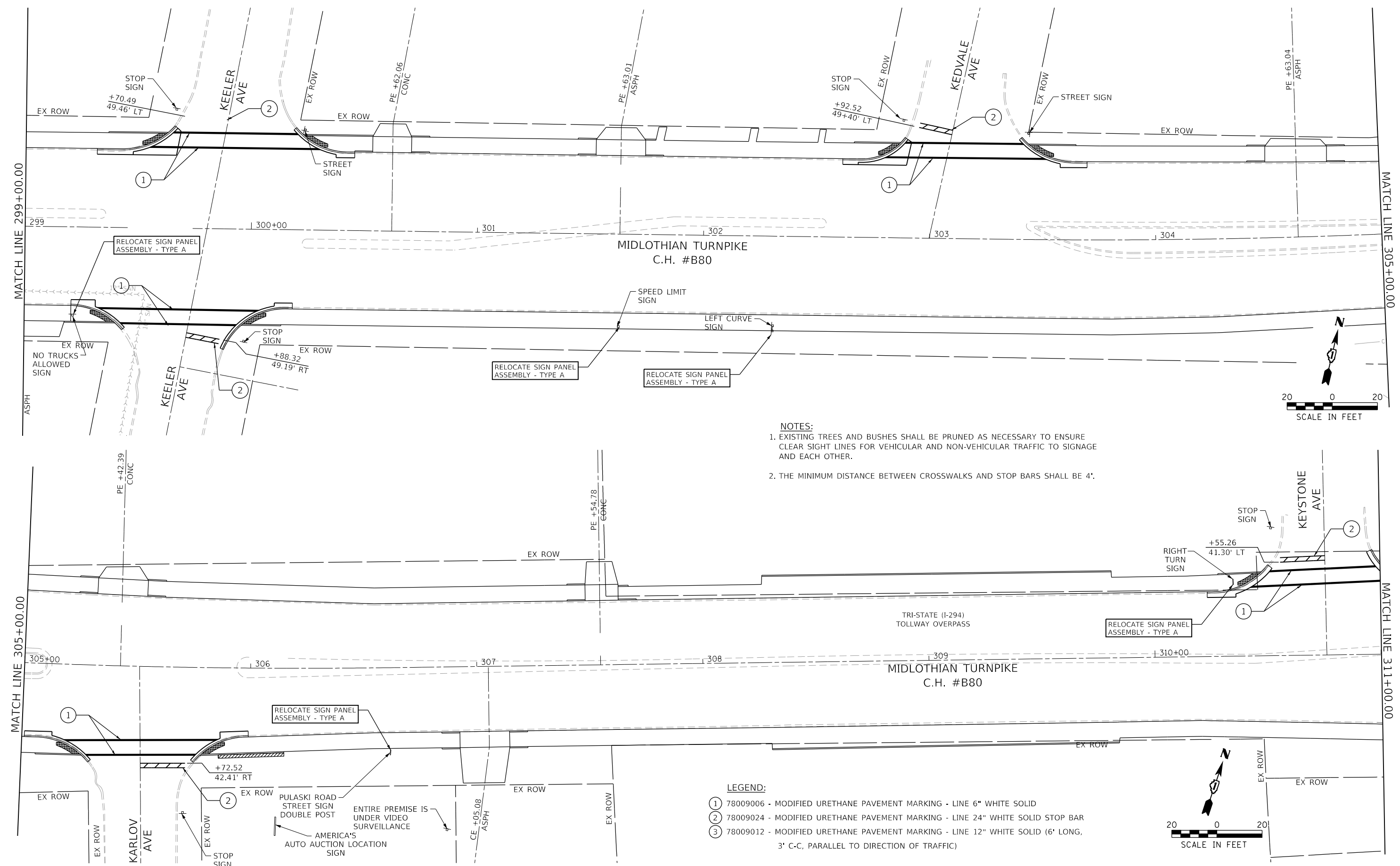
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MIDLOTHIAN TURNPIKE
 PAVEMENT MARKING AND SIGNAGE PLAN**

SCALE: 1"=20' SHEET 7 OF 10 SHEETS STA. 275+00.00 TO STA. 287+00.00

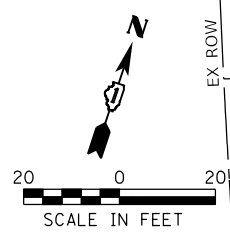
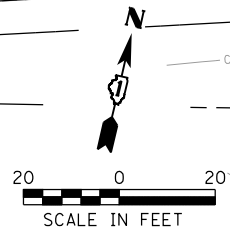
F.A.U. RTE. 1600	SECTION 15-00036-00-BT	COUNTY COOK	TOTAL SHEETS 271	SHEET NO. 101
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

MODEL: D:\mfr\11
 FILE NAME: 2020160160906.00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCN\CADD_Sheets\10160906-Plan\mk.dgn



NOTES:
 1. EXISTING TREES AND BUSHES SHALL BE PRUNED AS NECESSARY TO ENSURE CLEAR SIGHT LINES FOR VEHICULAR AND NON-VEHICULAR TRAFFIC TO SIGNAGE AND EACH OTHER.
 2. THE MINIMUM DISTANCE BETWEEN CROSSWALKS AND STOP BARS SHALL BE 4'.

LEGEND:
 (1) 78009006 - MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WHITE SOLID
 (2) 78009024 - MODIFIED URETHANE PAVEMENT MARKING - LINE 24" WHITE SOLID STOP BAR
 (3) 78009012 - MODIFIED URETHANE PAVEMENT MARKING - LINE 12" WHITE SOLID (6' LONG, 3' C-C, PARALLEL TO DIRECTION OF TRAFFIC)



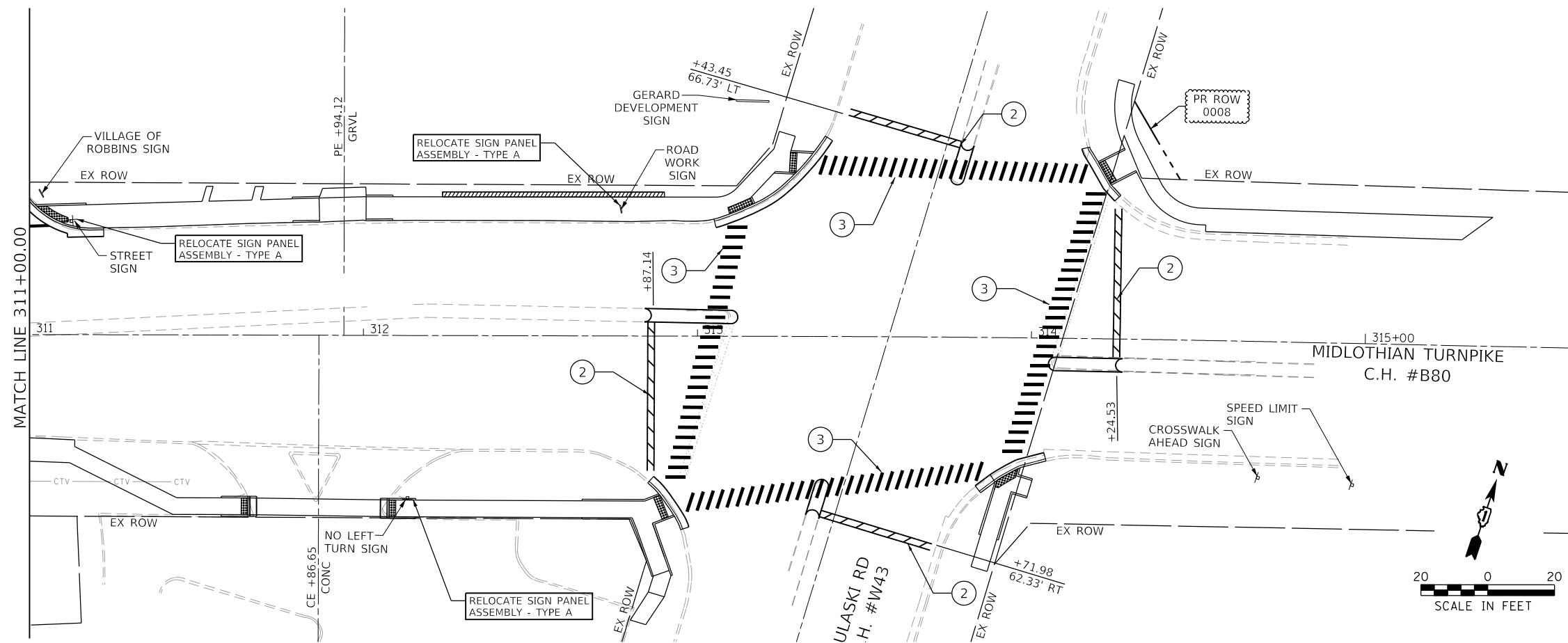
Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN MEP	REVISED -
PLOT DATE = 9/6/2022	CHECKED ERB	REVISED -
	DATE 09/06/22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MIDLOTHIAN TURNPIKE
 PAVEMENT MARKING AND SIGNAGE PLAN**
 SCALE: 1"=20' SHEET 9 OF 10 SHEETS STA. 299+00.00 TO STA. 311+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	103
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				



NOTES:

1. EXISTING TREES AND BUSHES SHALL BE PRUNED AS NECESSARY TO ENSURE CLEAR SIGHT LINES FOR VEHICULAR AND NON-VEHICULAR TRAFFIC TO SIGNAGE AND EACH OTHER.
2. THE MINIMUM DISTANCE BETWEEN CROSSWALKS AND STOP BARS SHALL BE 4'.

LEGEND:

- ① 78009006 - MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WHITE SOLID
- ② 78009024 - MODIFIED URETHANE PAVEMENT MARKING - LINE 24" WHITE SOLID STOP BAR
- ③ 78009012 - MODIFIED URETHANE PAVEMENT MARKING - LINE 12" WHITE SOLID (6' LONG, 3' C-C, PARALLEL TO DIRECTION OF TRAFFIC)

MODEL: Default
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USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/06/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MIDLOTHIAN TURNPIKE
PAVEMENT MARKING AND SIGNAGE PLAN**

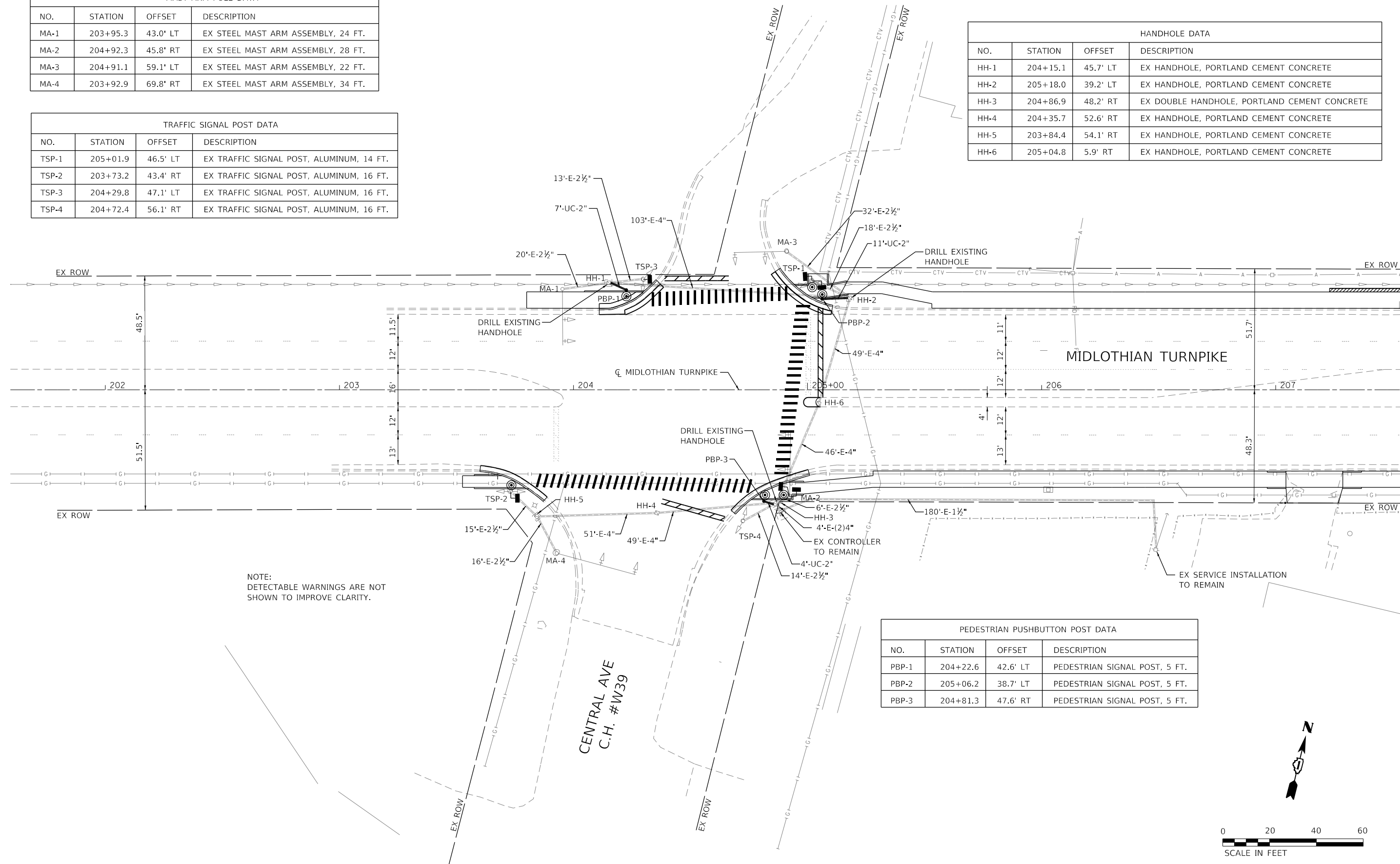
SCALE: 1"=20' SHEET 10 OF 10 SHEETS STA. 311+00.00 TO STA. 315+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	104
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

MAST ARM POLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
MA-1	203+95.3	43.0' LT	EX STEEL MAST ARM ASSEMBLY, 24 FT.
MA-2	204+92.3	45.8' RT	EX STEEL MAST ARM ASSEMBLY, 28 FT.
MA-3	204+91.1	59.1' LT	EX STEEL MAST ARM ASSEMBLY, 22 FT.
MA-4	203+92.9	69.8' RT	EX STEEL MAST ARM ASSEMBLY, 34 FT.

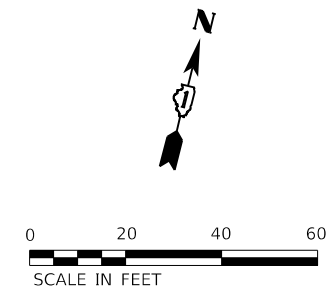
TRAFFIC SIGNAL POST DATA			
NO.	STATION	OFFSET	DESCRIPTION
TSP-1	205+01.9	46.5' LT	EX TRAFFIC SIGNAL POST, ALUMINUM, 14 FT.
TSP-2	203+73.2	43.4' RT	EX TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
TSP-3	204+29.8	47.1' LT	EX TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
TSP-4	204+72.4	56.1' RT	EX TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.

HANDHOLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
HH-1	204+15.1	45.7' LT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-2	205+18.0	39.2' LT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-3	204+86.9	48.2' RT	EX DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE
HH-4	204+35.7	52.6' RT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-5	203+84.4	54.1' RT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-6	205+04.8	5.9' RT	EX HANDHOLE, PORTLAND CEMENT CONCRETE



NOTE:
DETECTABLE WARNINGS ARE NOT
SHOWN TO IMPROVE CLARITY.

PEDESTRIAN PUSHBUTTON POST DATA			
NO.	STATION	OFFSET	DESCRIPTION
PBP-1	204+22.6	42.6' LT	PEDESTRIAN SIGNAL POST, 5 FT.
PBP-2	205+06.2	38.7' LT	PEDESTRIAN SIGNAL POST, 5 FT.
PBP-3	204+81.3	47.6' RT	PEDESTRIAN SIGNAL POST, 5 FT.



MODEL: Default
FILE NAME: 20210160160906.00 - Crestwood - Midlothian Turnpike04 Drawings\DCN\CADD_Sheets\0160906-htc\signal1 - Central Ave.dgn

Farnsworth GROUP
1011 WARRENVILLE ROAD, SUITE 375
LISLE, ILLINOIS 60532
(630) 296-5877 / info@f-g.com

USER NAME = dreimer
DESIGNED BPT
DRAWN NDJ
PLOT SCALE = 40,0000 ' / in.
CHECKED RMM
PLOT DATE = 9/6/2022

REVISIED -
REVISIED -
REVISIED -
REVISIED -

DATE 09/06/22

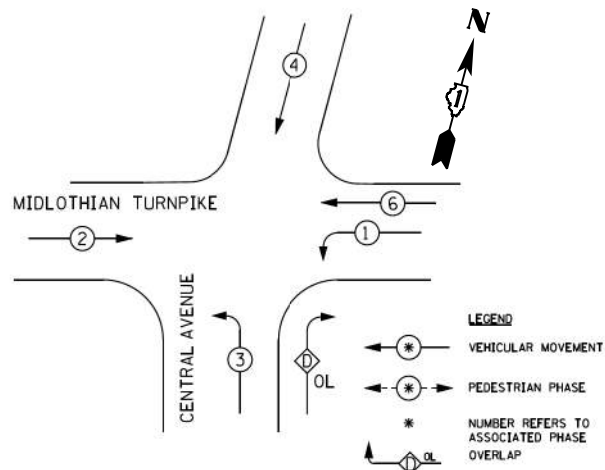
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
CENTRAL AVENUE AND MIDLOTHIAN TURNPIKE

SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. 201+60.00 TO STA. 207+50.00

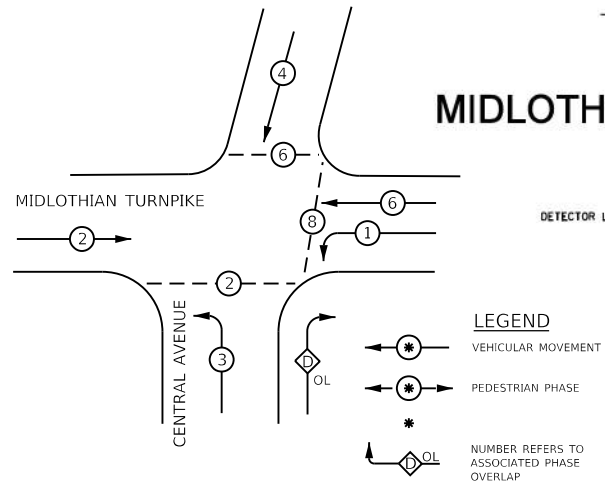
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	105
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



EXISTING PHASE DESIGNATION DIAGRAM

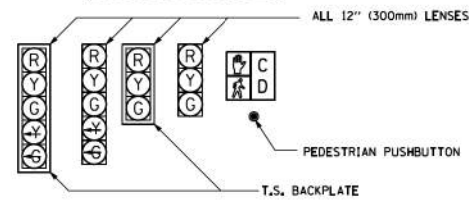
DUAL ENTRY - ALL LEGS
 PROTECTED / PERMITTED LEFT TURN PHASING



PROPOSED PHASE DESIGNATION DIAGRAM

CCHD TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	WATTAGE	% OPERATION	TOTAL WATTAGE
		INCAND.	LED	
SIGNAL (RED)	16 x	135	17 x 0.50	136
(YELLOW)	16 x	135	25 x 0.25	100
(GREEN)	16 x	135	15 x 0.25	60
ARROW	14 x	135	12 x 0.10	16.8
PED. SIGNAL	6 x	90	25 x 1.00	150
CONTROLLER	1 x	100	100 x 1.00	100
ILLUM. SIGN	x	84	x 0.05	
FLASHER			x 0.50	
ENERGY COSTS TO:				TOTAL =
CALL CCHD FOR BILLING INFORMATION AT (312) 603-1730.				562.8
ENERGY SUPPLY CONTACT: ComEd				
PHONE: (866)-639-3532				
COMPANY: ComEd				

SIGNAL FACES



SIGNAL LENSES

- R RED
- Y YELLOW
- G GREEN
- Y TURN INDICATOR
- G TURN INDICATOR

SCHEDULE OF QUANTITIES
MIDLOTHIAN TURNPIKE & CENTRAL AVE

PAY ITEM NO.	ITEM	UNIT	QUANTITY
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	23
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	762
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	824
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	552
87900200	DRILL EXISTING HANDHOLE	EACH	3
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BM WITH COUNT DOWN	EACH	6
88600600	DETECTOR LOOP REPLACEMENT	FOOT	60
88800100	PEDESTRIAN PUSH-BUTTON	EACH	6
89502200	MODIFY EXISTING CONTROLLER	EACH	1
X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

CABLE PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER CABINET	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
8" (200mm) TRAFFIC SIGNAL SECTION	[Symbol]	[Symbol]
12" (300mm) TRAFFIC SIGNAL SECTION	[Symbol]	[Symbol]
12" (300mm) PEDESTRIAN SIGNAL SECTION	[Symbol]	[Symbol]
2	[Symbol]	[Symbol]
TELEPHONE INSTALLATION	[Symbol]	[Symbol]
VEHICLE DETECTOR, INDUCTION LOOP	[Symbol]	[Symbol]
SHIELDED & TWISTED	[Symbol]	[Symbol]
EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
OPTICOM CABLE, NO. 20	[Symbol]	[Symbol]
16" (406mm) x 18" (457mm) PEDESTRIAN COUNTDOWN SIGNAL HEAD	[Symbol]	[Symbol]
PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.	[Symbol]	[Symbol]
"R" INDICATES RETROFIT LED.	[Symbol]	[Symbol]
GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), CONTROLLER (C), SERVICE (S), POST (P), OR MAST ARM POLE (MA).	[Symbol]	[Symbol]

MIDLOTHIAN

TURNPIKE

CENTRAL AVENUE

CABLE PLAN

NOT TO SCALE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CABLE PLAN
 CENTRAL AVENUE AND MIDLOTHIAN TURNPIKE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	106
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

SCALE: N.T.S. SHEET 2 OF 6 SHEETS STA. - TO STA. -

MODEL: Default
 FILE NAME: P:\2020\160160996\00 - Crestwood - Midlothian Turnpike\04 Drawings\CD\160996-04-Cable-Central Ave.dgn

Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

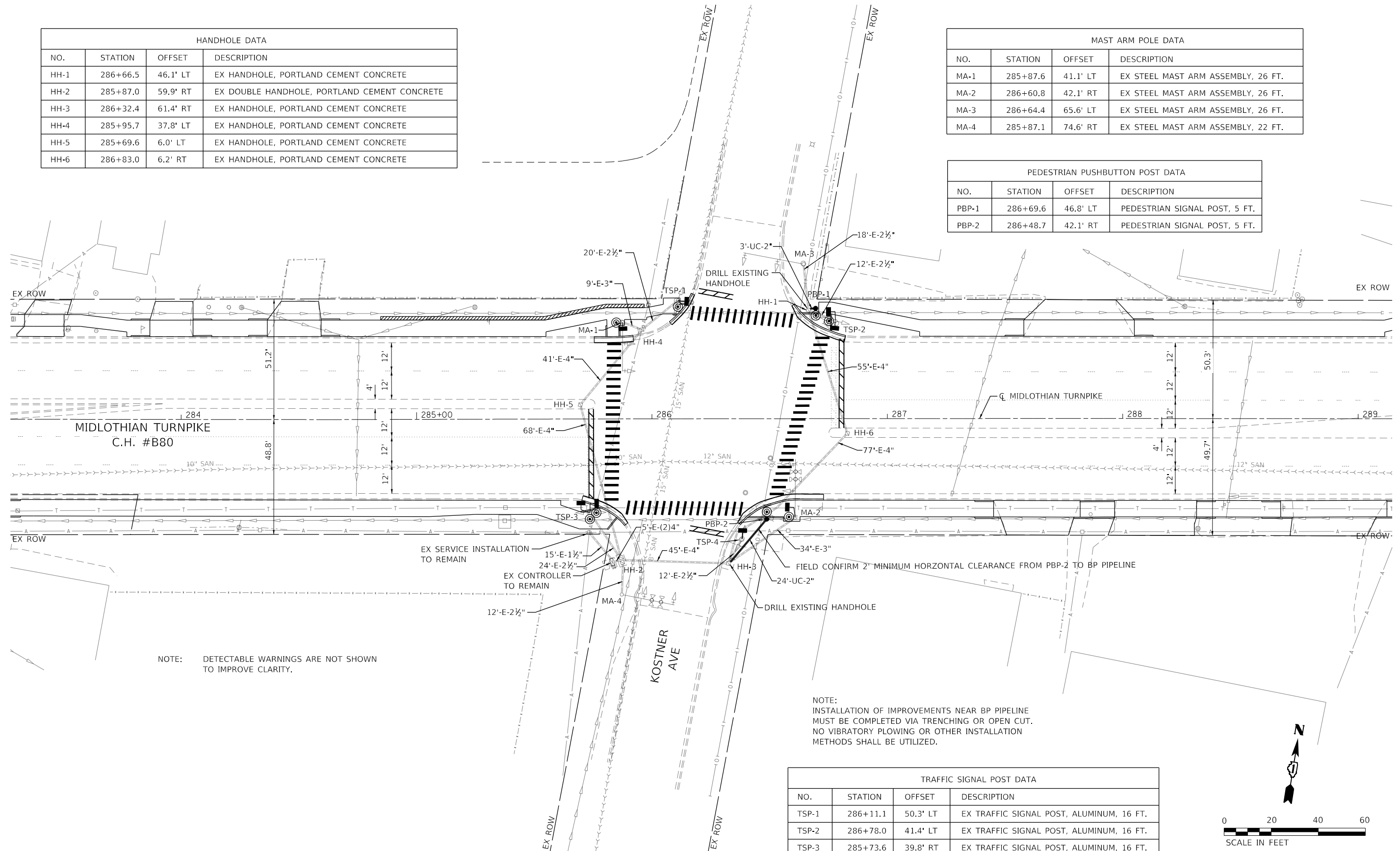
USER NAME = dreimer
 DESIGNED RMM
 DRAWN NDJ
 PLOT SCALE = 40,0000 ' / in.
 CHECKED BPT
 PLOT DATE = 9/6/2022
 DATE 09/06/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

HANDHOLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
HH-1	286+66.5	46.1' LT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-2	285+87.0	59.9' RT	EX DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE
HH-3	286+32.4	61.4' RT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-4	285+95.7	37.8' LT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-5	285+69.6	6.0' LT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-6	286+83.0	6.2' RT	EX HANDHOLE, PORTLAND CEMENT CONCRETE

MAST ARM POLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
MA-1	285+87.6	41.1' LT	EX STEEL MAST ARM ASSEMBLY, 26 FT.
MA-2	286+60.8	42.1' RT	EX STEEL MAST ARM ASSEMBLY, 26 FT.
MA-3	286+64.4	65.6' LT	EX STEEL MAST ARM ASSEMBLY, 26 FT.
MA-4	285+87.1	74.6' RT	EX STEEL MAST ARM ASSEMBLY, 22 FT.

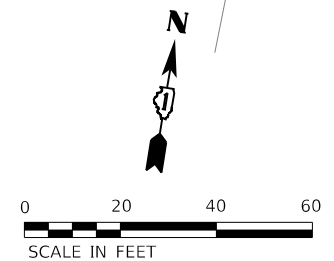
PEDESTRIAN PUSHBUTTON POST DATA			
NO.	STATION	OFFSET	DESCRIPTION
PBP-1	286+69.6	46.8' LT	PEDESTRIAN SIGNAL POST, 5 FT.
PBP-2	286+48.7	42.1' RT	PEDESTRIAN SIGNAL POST, 5 FT.



NOTE: DETECTABLE WARNINGS ARE NOT SHOWN TO IMPROVE CLARITY.

NOTE: INSTALLATION OF IMPROVEMENTS NEAR BP PIPELINE MUST BE COMPLETED VIA TRENCHING OR OPEN CUT. NO VIBRATORY PLOWING OR OTHER INSTALLATION METHODS SHALL BE UTILIZED.

TRAFFIC SIGNAL POST DATA			
NO.	STATION	OFFSET	DESCRIPTION
TSP-1	286+11.1	50.3' LT	EX TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
TSP-2	286+78.0	41.4' LT	EX TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
TSP-3	285+73.6	39.8' RT	EX TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
TSP-4	286+38.1	51.1' RT	EX TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.



MODEL: Default; FILE NAME: 2020160116090600 - Crestwood - Midlothian Turnpike04 Drawings\DCM\CADD_Sheets\160906-htc\signal2 - Kostner Ave.dgn

Farnsworth GROUP
1011 WARRENVILLE ROAD, SUITE 375
LISLE, ILLINOIS 60532
(630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED BPT	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN NDJ	REVISED -
PLOT DATE = 9/6/2022	CHECKED RMM	REVISED -
	DATE 09/06/22	REVISED -

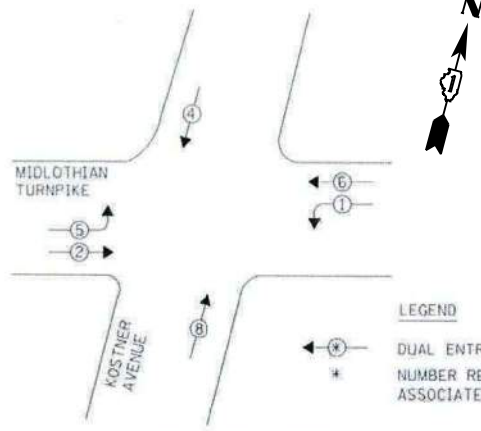
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
KOSTNER AVENUE AND MIDLOTHIAN TURNPIKE

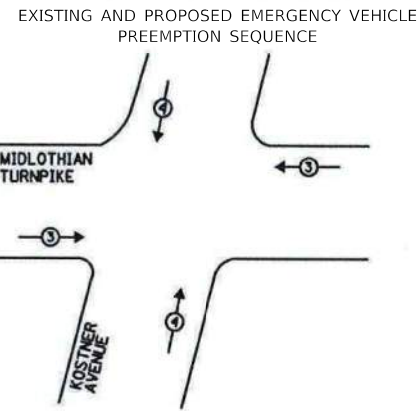
SCALE: 1" = 40' SHEET 3 OF 6 SHEETS STA. 283+25.00 TO STA. 289+15.00

F.A.U. RTE. 1600	SECTION 15-00036-00-BT	COUNTY COOK	TOTAL SHEETS 271	SHEET NO. 107
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14 x	17	0.50	119.0
(YELLOW)	14 x	25	0.05	17.5
(GREEN)	14 x	15	0.45	94.5
ARROW	4 x	12	0.10	4.8
PED. SIGNAL	8 x	25	1.00	200.0
CONTROLLER	1 x	100	1.00	100.0
VEHICLE DET.	6 x	5	1.00	30
ILLUMINATED LED STREET NAME 8"	x	144	1.00	-
FLASHER			0.50	
			TOTAL =	565.8

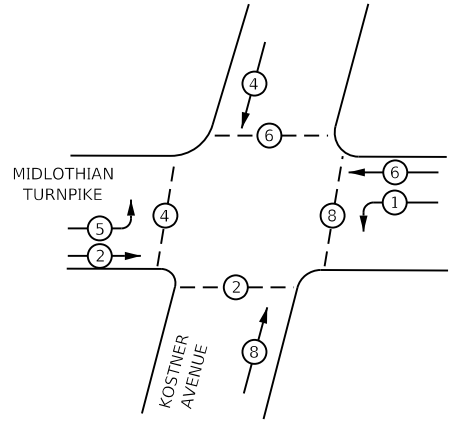
COOK COUNTY BUREAU OF ADMINISTRATION
118 N. CLARK STREET, ROOM 801
CHICAGO, IL. 60602

ACCOUNT NO. _____

ENERGY COSTS SHARE:
COOK COUNTY: 50%
VILLAGE OF CRESTWOOD: 50%

ENERGY SUPPLY CONTACT: COMED - New Business
(866) 639-3532
COMPANY: COMED - New Business

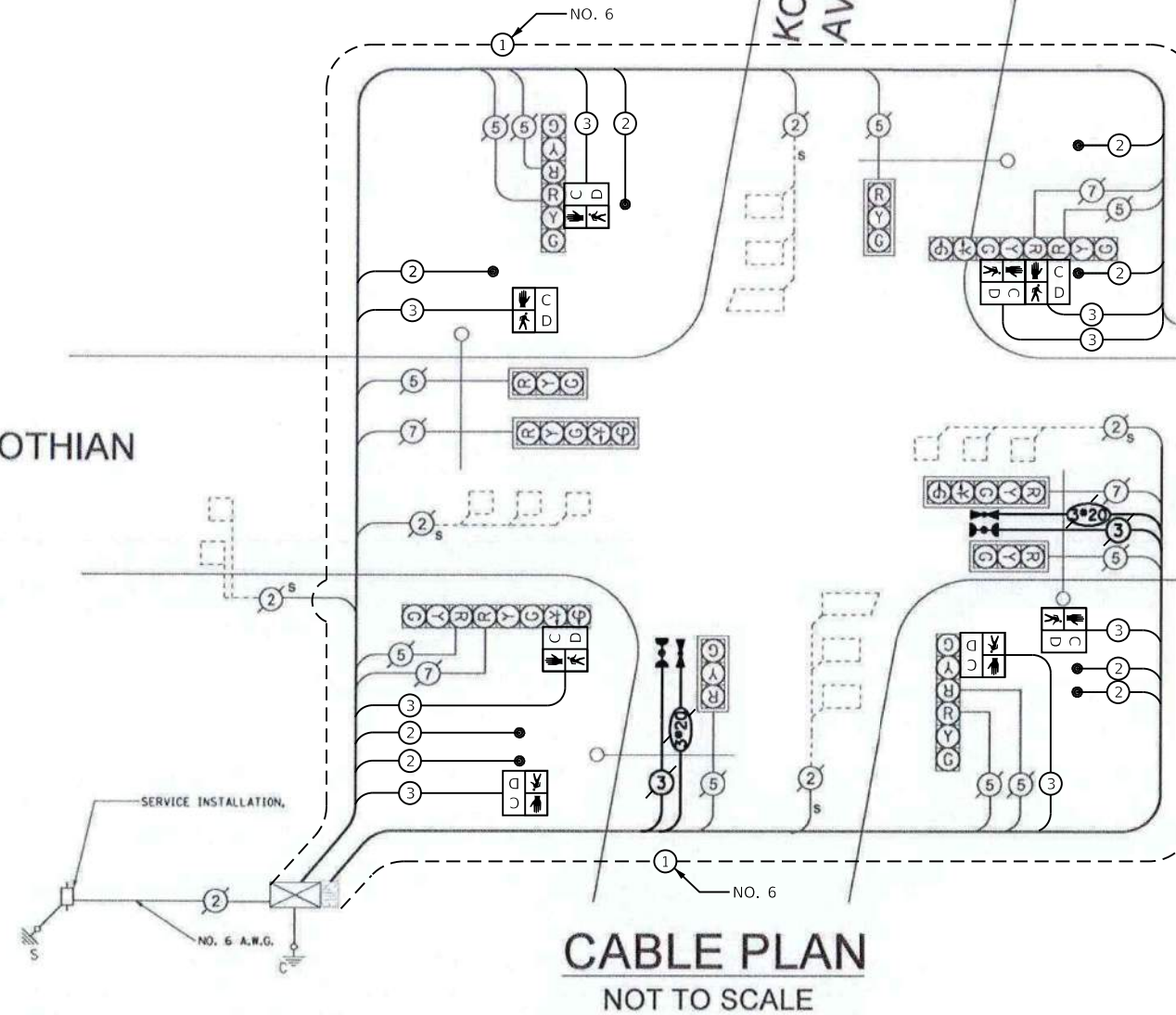
PROPOSED CONTROLLER SEQUENCE



MIDLOTHIAN

KOSTNER AVENUE

TURNPIKE



CABLE PLAN
NOT TO SCALE

SCHEDULE OF QUANTITIES MIDLOTHIAN TURNPIKE & KOSTNER AVE			
PAY ITEM NO.	ITEM	UNIT	QUANTITY
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	27
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87300010	GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1098
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1151
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	550
87900200	DRILL EXISTING HANDHOLE	EACH	4
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BM WITH COUNT DOWN	EACH	8
88600600	DETECTOR LOOP REPLACEMENT	FOOT	60
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502200	MODIFY EXISTING CONTROLLER	EACH	1
X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

CABLE PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER CABINET		
SERVICE INSTALLATION		
8" (200mm) TRAFFIC SIGNAL SECTION		
12" (300mm) TRAFFIC SIGNAL SECTION		
12" (300mm) PEDESTRIAN SIGNAL SECTION		
DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE TWISTED AND SHIELDED.		
TELEPHONE INSTALLATION		
VEHICLE DETECTOR, INDUCTION LOOP		
SHIELDED & TWISTED		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
OPTICOM CABLE, NO. 20		
16" (406mm) x 18" (457mm) PEDESTRIAN COUNTDOWN SIGNAL HEAD		
PUSHBUTTON DETECTOR		
SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.		
"R" INDICATES RETROFIT LED.		
GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), CONTROLLER (C), SERVICE (S), POST (P), OR MAST ARM POLE (MA).		

MODEL: Definit FILE NAME: 2020160160996.00 - Crestwood - Midlothian Turnpike04 DrawingsDCN\CADD_Sheets\0160996-rlc-cable_Kostner_Ave.dgn



USER NAME = dreimer
PLOT SCALE = 40.0000 "/in.
PLOT DATE = 9/6/2022

DESIGNED RMM
DRAWN NDJ
CHECKED BPT
DATE 09/06/22

REVISED -
REVISED -
REVISED -
REVISED -

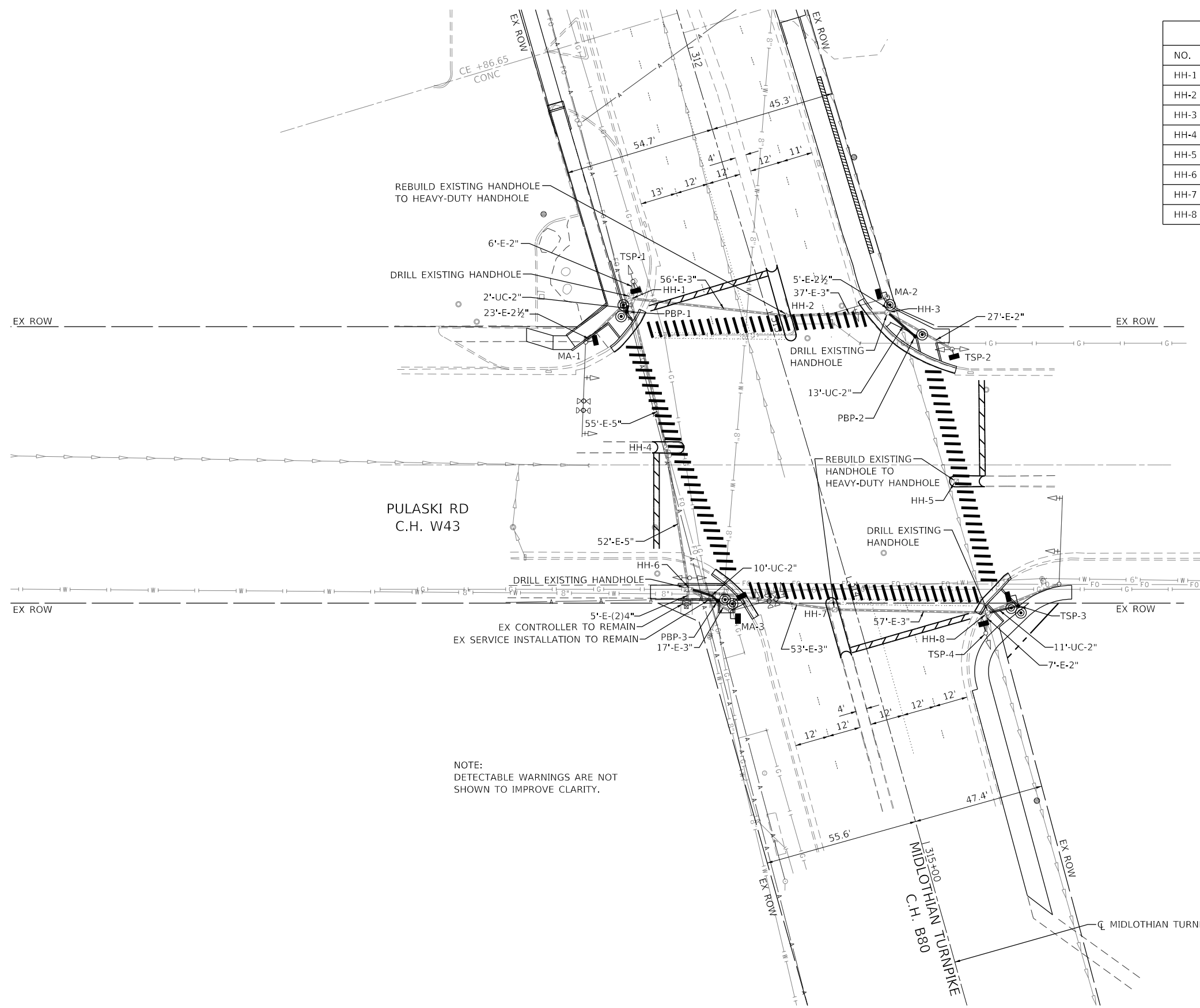
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN
KOSTNER AVENUE AND MIDLOTHIAN TURNPIKE

SCALE: N.T.S. SHEET 4 OF 6 SHEETS STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	108

CONTRACT NO. 61H12
ILLINOIS FED. AID PROJECT

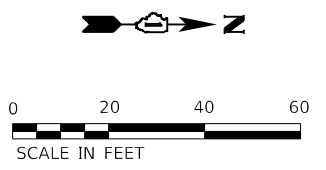


HANDHOLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
HH-1	312+80.7	45.9' RT	EX DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE
HH-2	313+02.7	5.9' LT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-3	313+12.3	41.5' LT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-4	313+35.9	49.1' RT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-5	313+77.6	48.1' LT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-6	313+88.0	55.9' RT	EX DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE
HH-7	314+09.8	7.2' RT	EX HANDHOLE, PORTLAND CEMENT CONCRETE
HH-8	314+26.1	45.7' LT	EX HANDHOLE, PORTLAND CEMENT CONCRETE

PEDESTRIAN PUSHBUTTON POST DATA			
NO.	STATION	OFFSET	DESCRIPTION
PBP-1	312+84.9	48.5' RT	PEDESTRIAN SIGNAL POST, 5 FT.
PBP-2	313+23.4	48.7' LT	PEDESTRIAN SIGNAL POST, 5 FT.
PBP-3	313+94.9	47.0' RT	PEDESTRIAN SIGNAL POST, 5 FT.

MAST ARM POLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
MA-1	312+91.1	66.0' RT	EX STEEL MAST ARM ASSEMBLY, 26 FT.
MA-2	313+07.1	43.2' LT	EX STEEL MAST ARM ASSEMBLY, 26 FT.
MA-3	313+99.7	43.5' RT	EX STEEL MAST ARM ASSEMBLY, 26 FT.

TRAFFIC SIGNAL POST DATA			
NO.	STATION	OFFSET	DESCRIPTION
TSP-1	312+74.9	43.2' RT	EX TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
TSP-2	313+31.6	60.2' LT	EX TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
TSP-3	314+26.8	57.0' LT	TRAFFIC SIGNAL POST, GALV. STEEL, 10 FT.
TSP-4	314+33.0	43.0' LT	EX TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.



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USER NAME = dreimer	DESIGNED RMM	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN NDJ	REVISED -
PLOT DATE = 9/6/2022	CHECKED BPT	REVISED -
	DATE 09/06/22	REVISED -

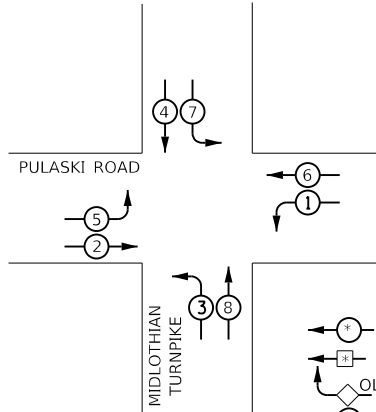
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
PULASKI ROAD AND MIDLOTHIAN TURNPIKE

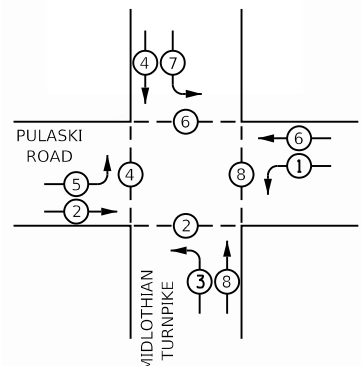
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	109
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE



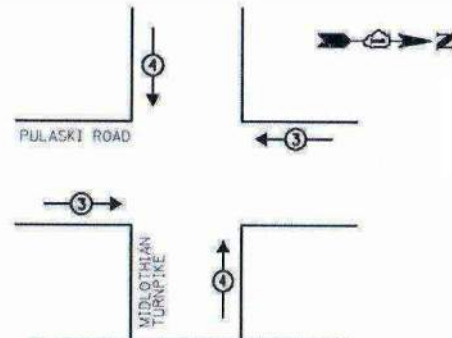
PROPOSED CONTROLLER SEQUENCE



- LEGEND
- DUAL ENTRY PHASE
 - SINGLE ENTRY PHASE
 - OVERLAP
 - PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

EXISTING PHASE DESIGNATION DIAGRAM

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓

COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16 x	17	0.50	136.0
(YELLOW)	16 x	25	0.05	20.0
(GREEN)	16 x	15	0.45	108.0
ARROW	8 x	12	0.10	9.6
PED. SIGNAL	8 x	25	1.00	200.0
CONTROLLER	1 x	100	1.00	100.0
VEHICLE DET.	13 x	5	1.00	65.0
ILLUMINATED LED STREET NAME 8"	x	144	1.00	-
FLASHER			0.50	
			TOTAL =	638.6

COOK COUNTY BUREAU OF ADMINISTRATION
118 N. CLARK STREET, ROOM 801
CHICAGO, IL. 60602

ACCOUNT NO.

ENERGY COSTS SHARE:

COOK COUNTY: 100%

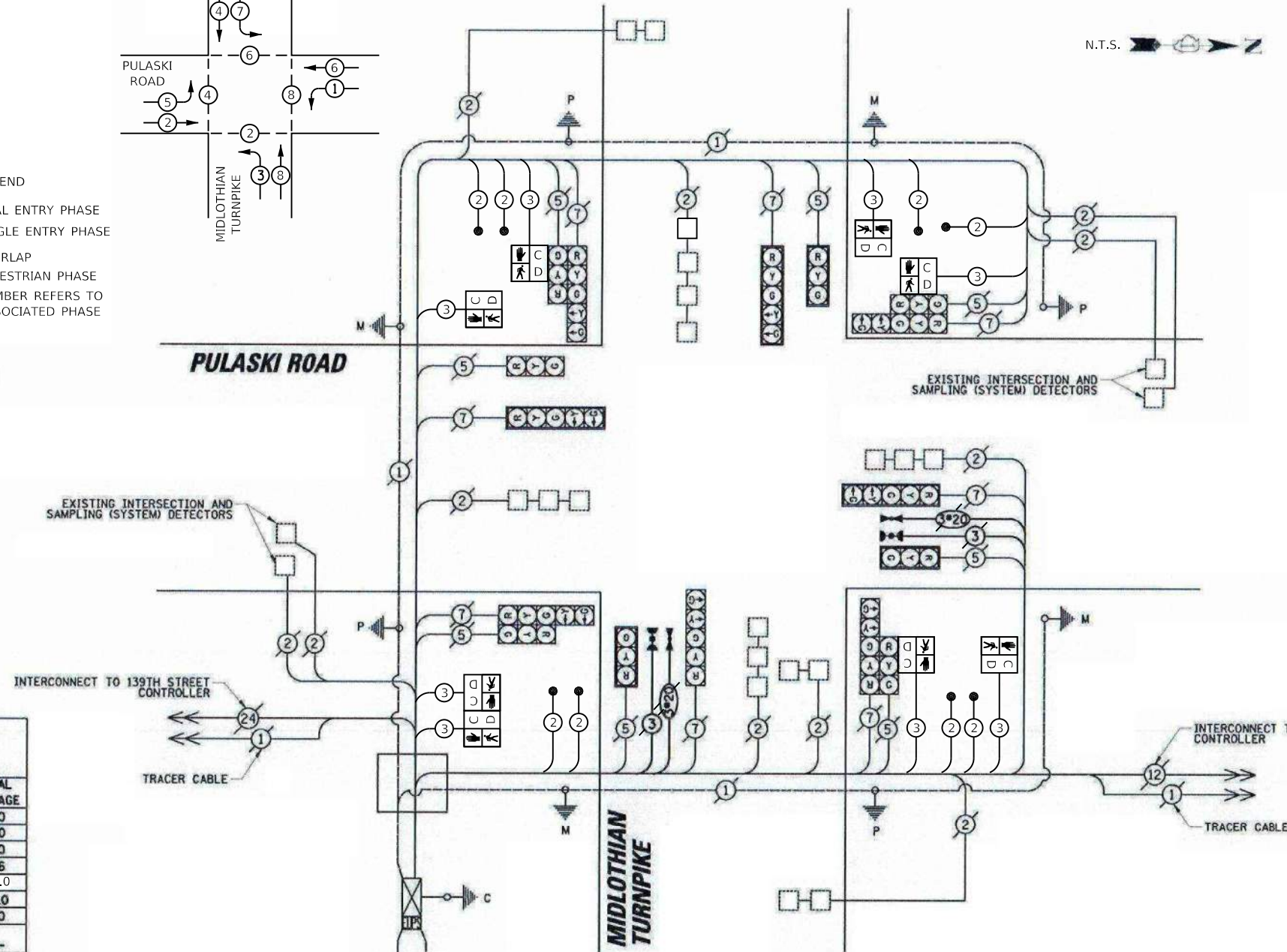
ENERGY SUPPLY CONTACT: COMED - New Business

(866) 639-3532

COMPANY: COMED - New Business

CABLE PLAN LEGEND

- | | PROPOSED | EXISTING |
|--|----------|----------|
| CONTROLLER CABINET | | |
| SERVICE INSTALLATION | | |
| 8" (200mm) TRAFFIC SIGNAL SECTION | | |
| 12" (300mm) TRAFFIC SIGNAL SECTION | | |
| 12" (300mm) PEDESTRIAN SIGNAL SECTION | | |
| DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE TWISTED AND SHIELDED. | | |
| TELEPHONE INSTALLATION | | |
| VEHICLE DETECTOR, INDUCTION LOOP | | |
| SHIELDED & TWISTED | | |
| EMERGENCY VEHICLE LIGHT DETECTOR | | |
| CONFIRMATION BEACON | | |
| OPTICOM CABLE, NO. 20 | | |
| 16" (406mm) x 18" (457mm) PEDESTRIAN COUNTDOWN SIGNAL HEAD | | |
| PUSHBUTTON DETECTOR | | |
| SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD. | | |
| "R" INDICATES RETROFIT LED. | | |
| GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), CONTROLLER (C), SERVICE (S), POST (P), OR MAST ARM POLE (MA). | | |



CABLE PLAN

SCHEDULE OF QUANTITIES

PAY ITEM NO.	ITEM	UNIT	QUANTITY
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	36
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1247
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1335
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	87
87900200	DRILL EXISTING HANDHOLE	EACH	3
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BM WITH COUNT DOWN	EACH	8
88600600	DETECTOR LOOP REPLACEMENT	FOOT	100
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502378	REBUILD EXISTING HANDHOLE TO HEAVY DUTY HANDHOLE	EACH	3
X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

MODEL: Default; FILE NAME: 2020160116090600 - Crestwood - Midlothian Turnpike04.Dwg; PLOT DATE: 9/6/2022

Farnsworth GROUP
1011 WARRENVILLE ROAD, SUITE 375
LISLE, ILLINOIS 60532
(630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED RNN	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN NDJ	REVISED -
PLOT DATE = 9/6/2022	CHECKED BPT	REVISED -
	DATE 09/06/22	REVISED -

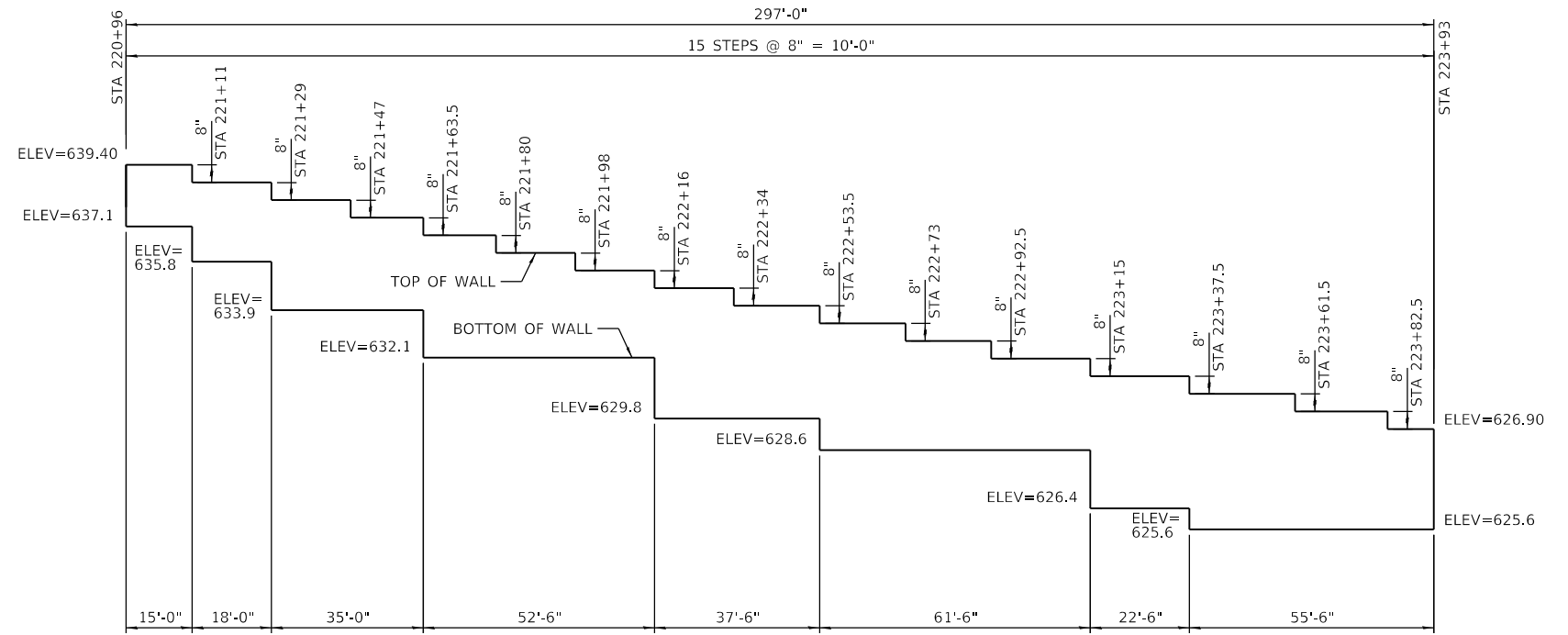
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN
PULASKI ROAD AND MIDLOTHIAN TURNPIKE
SCALE: N.T.S. SHEET 6 OF 6 SHEETS STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	110
				CONTRACT NO. 61H12
ILLINOIS FED. AID PROJECT				

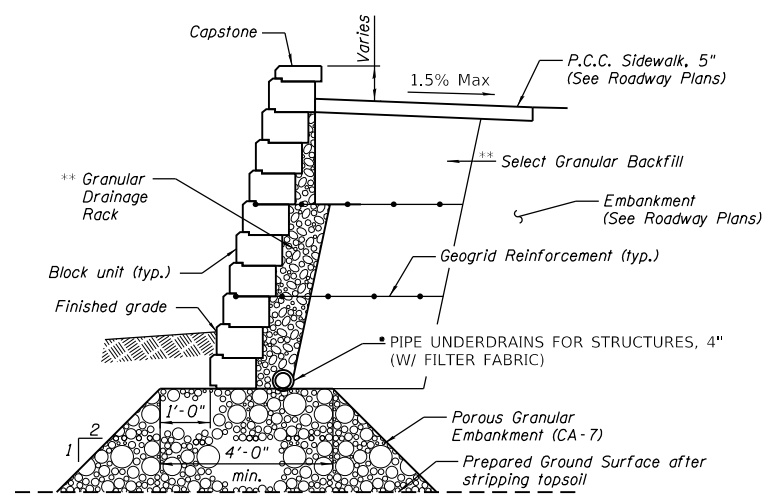
SEGMENTAL CONCRETE BLOCK WALL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AND INSTALLED AT THE UNIT PRICE BID FOR THE WORK.
2. CONTRACTOR TO FIELD LOCATE ALL UTILITIES BEFORE STARTING CONSTRUCTION.
3. THE CONTRACTOR SHALL FURNISH AND INSTALL A POROUS GRANULAR EMBANKMENT (CA-7), BASE UNDER THE RETAINING WALL AS SHOWN IN THE PLANS. POROUS GRANULAR EMBANKMENT (CA-7) WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST OF SEGMENTAL CONCRETE BLOCK WALL.
4. AFTER EXCAVATION AND BASE PREPARATION ARE COMPLETE TO BOTTOM OF POROUS GRANULAR EMBANKMENT (CA-7) AND BEFORE INSTALLING THE POROUS GRANULAR EMBANKMENT (CA-7), THE CONTRACTOR SHALL CONTACT THE ENGINEER TO TEST THE STRENGTH OF THE SOIL. THE MINIMUM UNCONFINED COMPRESSIVE STRENGTH REQUIRED IS 1500 PSF.
5. THE SEGMENTAL CONCRETE BLOCK WALL SYSTEM TO BE USED IS THE ALLAN BLOCK WALL SYSTEM, EARTHWORKS RETAINING WALL SYSTEM, KEYSTONE WALL SYSTEM, VERSA-LOK WALL SYSTEM, OR ROCKWELL. THE WALL SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS AND AS SHOWN ON THE PLANS AND SPECIAL PROVISIONS.
6. SELECT GRANULAR BACKFILL MATERIAL SHALL BE AS RECOMMENDED BY THE MANUFACTURER AND PLACEMENT OF FILL SHALL ALSO BE RECOMMENDED BY THE MANUFACTURER. IN ADDITION, THE MATERIAL SHALL MEET THE REQUIREMENTS OF ARTICLE 1004.04(D) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS ADOPTED JANUARY 1, 2022 AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2022.
7. THE FILTER FABRIC REQUIRED AROUND THE 4 INCH PERFORATED DRAIN TILE SHALL MEET THE REQUIREMENTS OF SECTION 1080.05 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS ADOPTED JANUARY 1, 2022 AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2022. COST INCLUDED IN PIPE UNDERDRAINS FOR STRUCTURES 4" PAY ITEM.
8. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS ADOPTED JANUARY 1, 2022 AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2022.
9. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE STRUCTURES FROM ANY DAMAGE DUE TO THE CONSTRUCTION OPERATION. ANY ITEMS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
10. THE CONTRACTOR SHALL CONFORM TO SECTIONS 201 AND 107 OF THE STANDARD SPECIFICATIONS REGARDING RESPONSIBILITY TO PROTECT EXISTING LANDSCAPING OR PROPERTY NOT SCHEDULED IN THE CONTRACT FOR REMOVAL. ALL DAMAGE TO EXISTING PROPERTY NOT SCHEDULED FOR REMOVAL SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

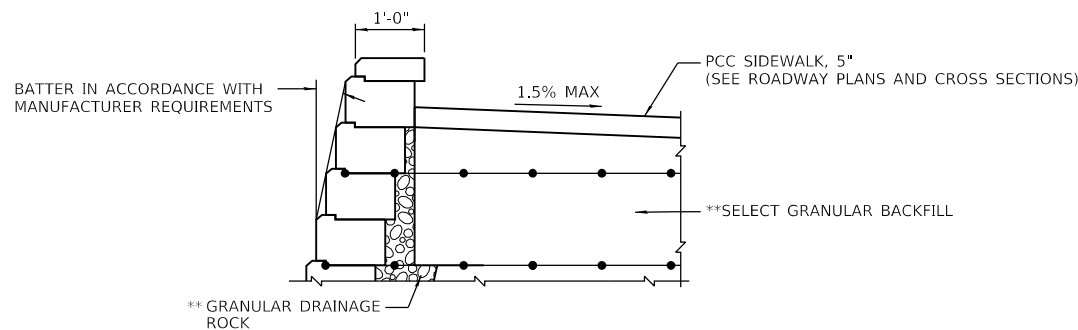


SEGMENTAL CONCRETE BLOCK WALL STEP DOWN DETAILS

STA 220+96 TO STA 223+93 (LT)



SEGMENTAL CONCRETE BLOCK WALL SECTION



SEGMENTAL CONCRETE BLOCK WALL DETAIL

*EXTEND PIPE UNDERDRAIN TO INTERSECT WITH THE SIDE SLOPE AT ITS OUTLET OR SHALL BE EXTENDED AND CONNECTED TO A NEARBY EXISTING STORM SEWER STRUCTURE. THE PIPE SHALL DRAIN INTO A CONCRETE HEADWALL, AND THE CONCRETE HEADWALL SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS FOR STRUCTURES 4" (SEE ARTICLE 601.05 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARD 601101).

** INCLUDED IN COST OF SEGMENTAL CONCRETE BLOCK WALL.

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PLOT DATE = 9/6/2022

DESIGNED MEP
DRAWN MEP
CHECKED ERB
DATE 09/06/22

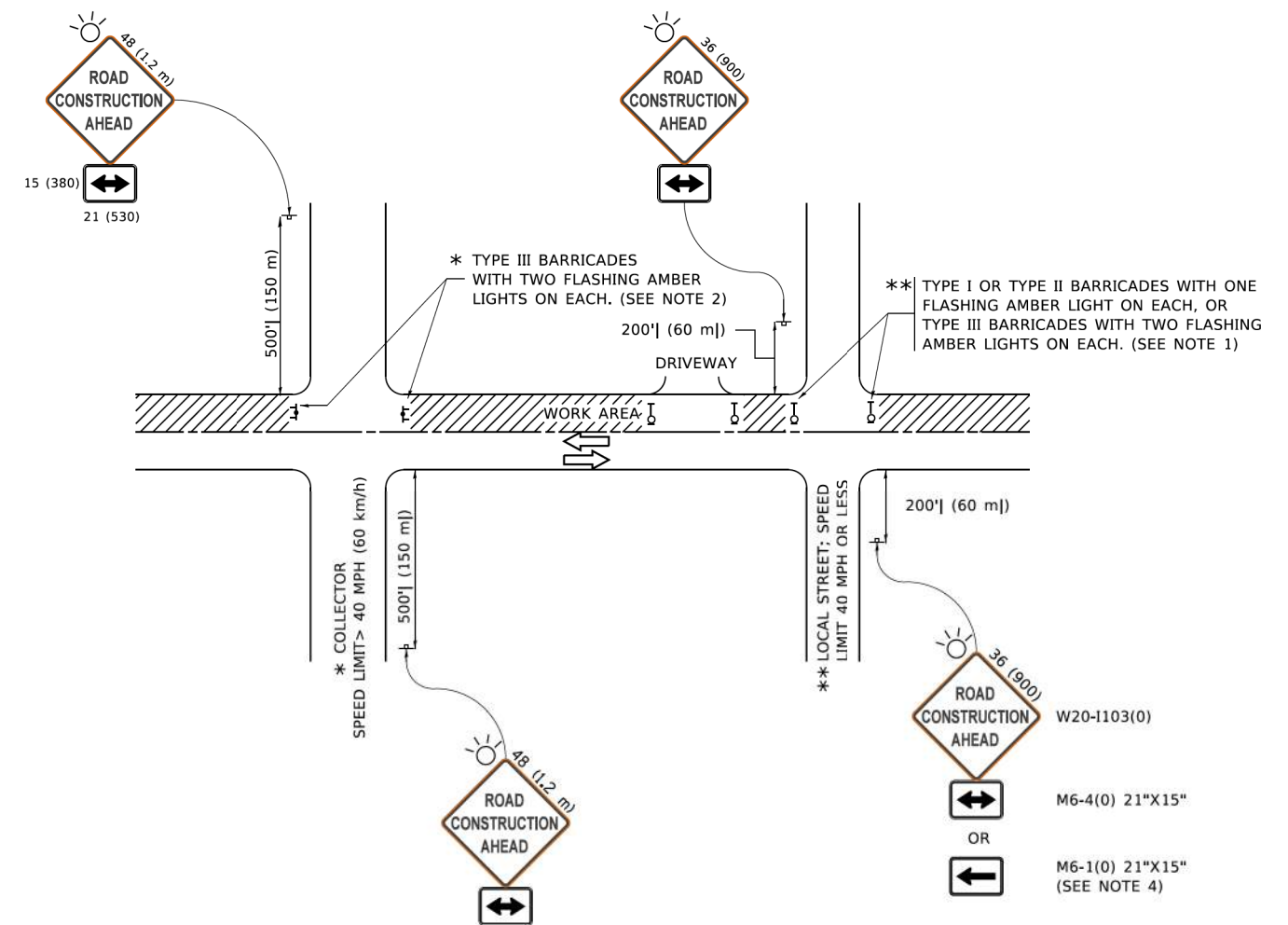
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REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEGMENTAL CONCRETE BLOCK WALL DETAILS

SCALE: N.T.S SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	111
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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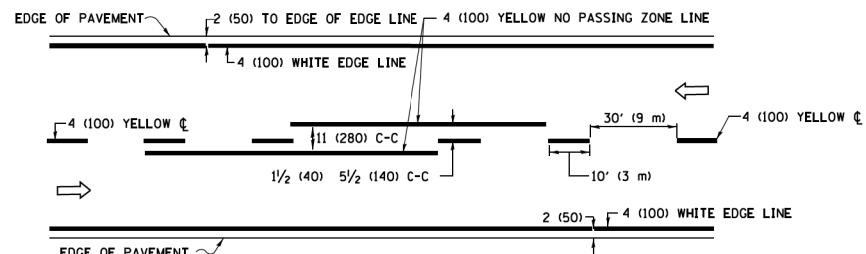
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

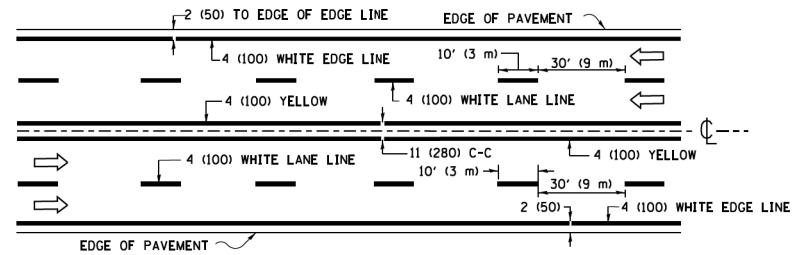
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 11 SHEETS STA. TO STA.

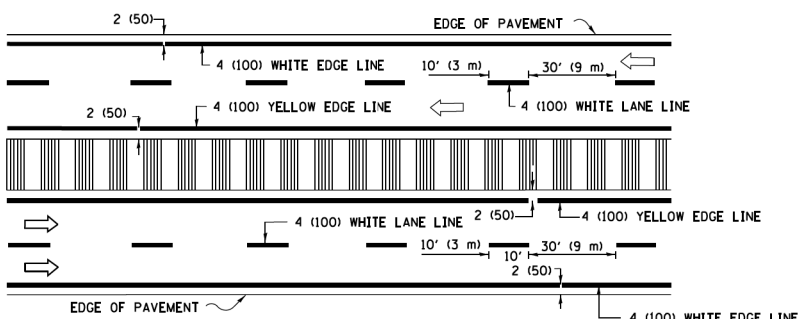
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1600	15-00036-00-BT	COOK	271	112
TC-10			CONTRACT NO. 61H12	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

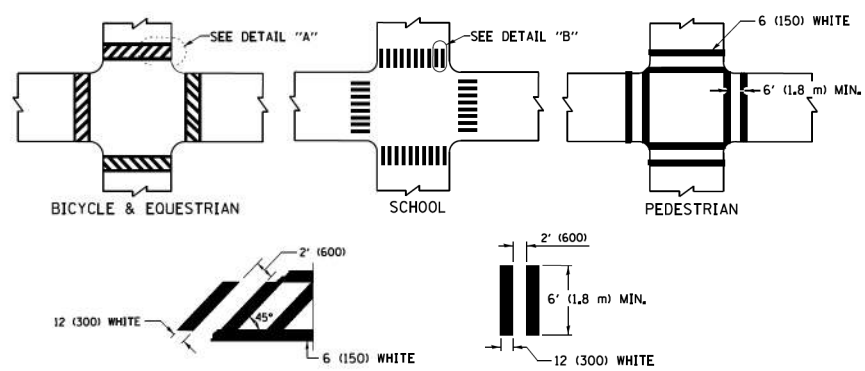


MULTI-LANE UNDIVIDED



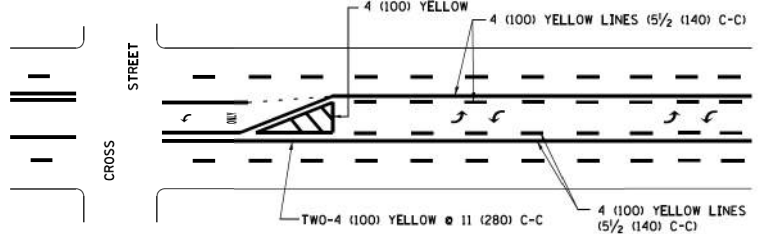
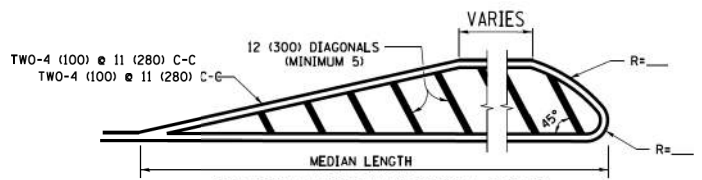
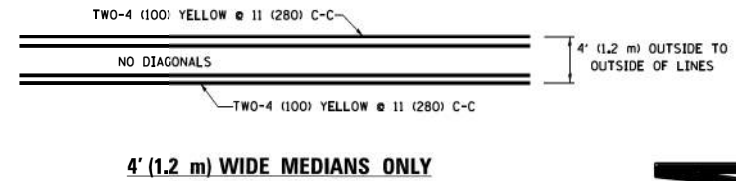
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

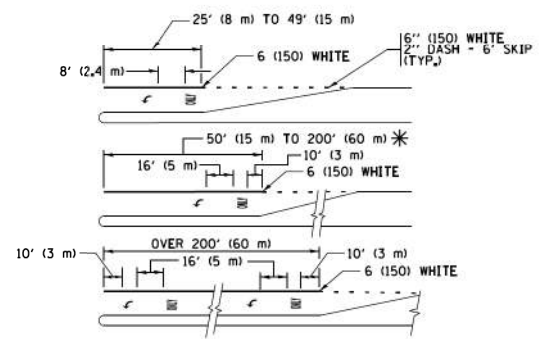


TYPICAL CROSSWALK MARKING

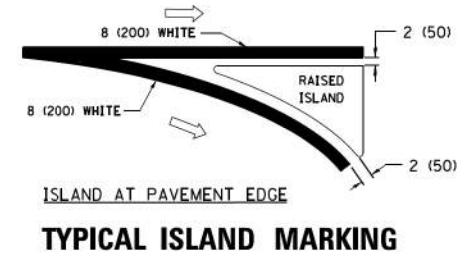
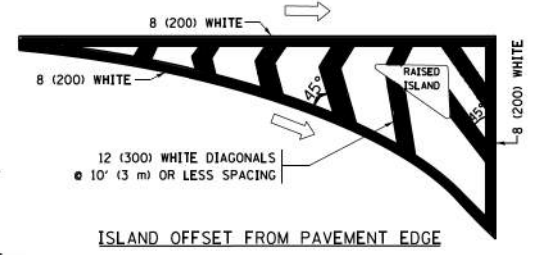
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



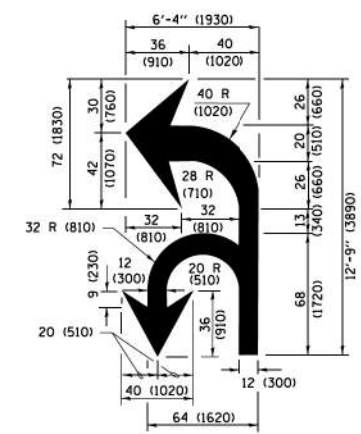
TYPICAL PAINTED MEDIAN MARKING



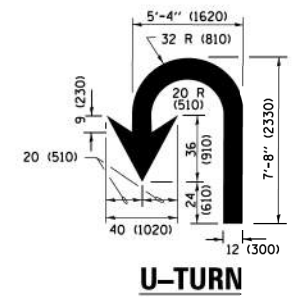
TYPICAL LEFT (OR RIGHT) TURN LANE MARKING



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	5/2 (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; 5/2 (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) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) 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.
CORE 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 30MPH (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" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"
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.

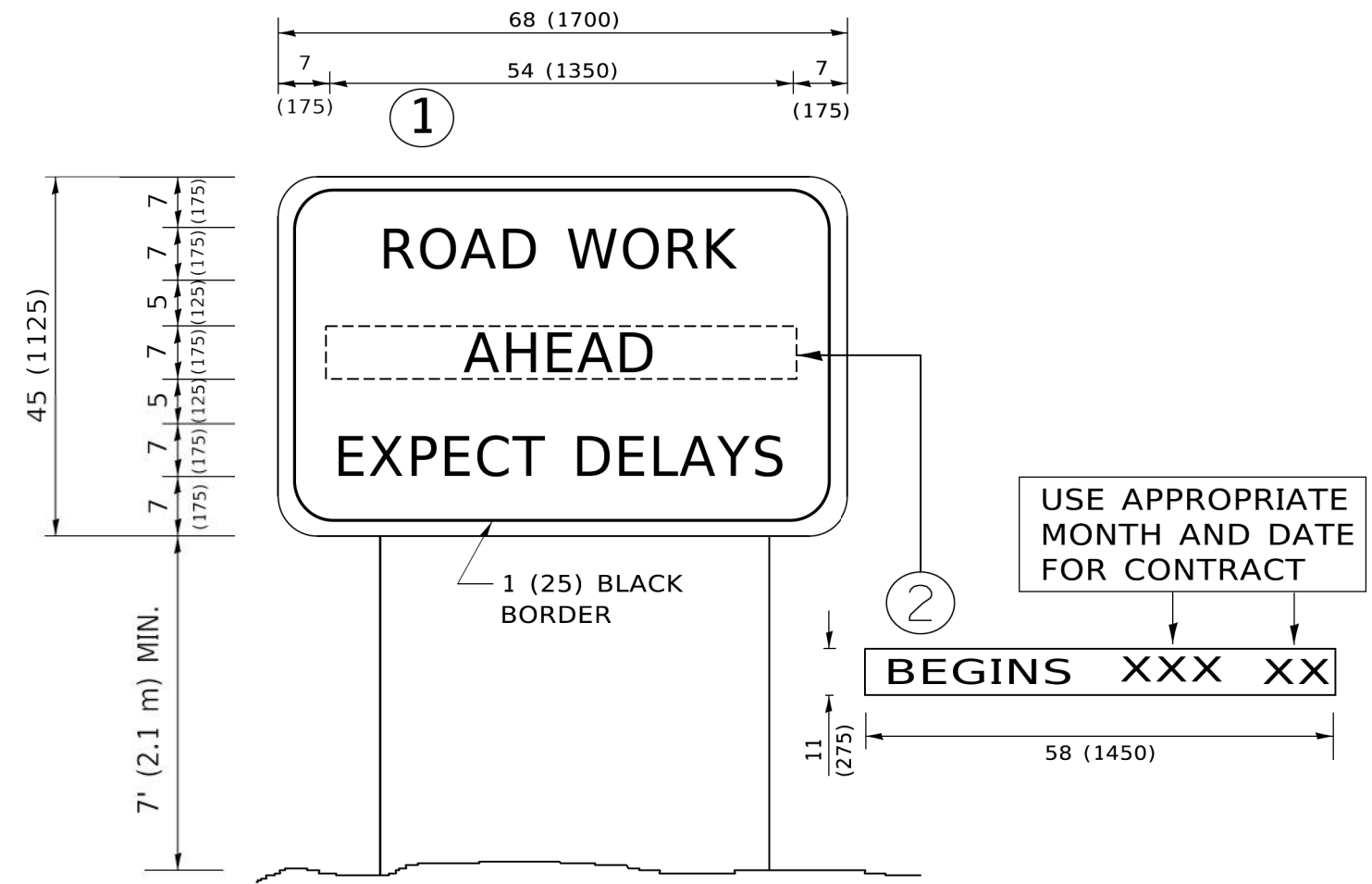
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	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 2 OF 11 SHEETS	STA. TO STA.	

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	113
TC-13		CONTRACT NO. 61H12	ILLINOIS FED. AID PROJECT	



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.

MODEL: D:\mifit...
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 Turnpike04...
 Sheets0160906-sh-detailed-Dr.ctb.dgn

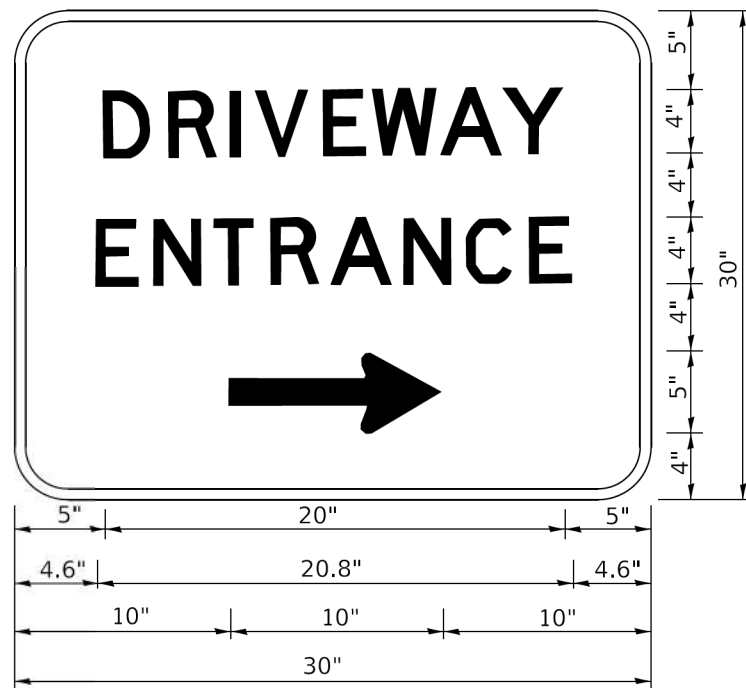
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PLOT SCALE = 50,0000 ' / ft.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	114
TC-22			CONTRACT NO. 61H12	
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL: Default
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USER NAME = leysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	DRAWN -	REVISED -
PLOT SCALE = 50,0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 8/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	115
TC-26			CONTRACT NO. 61H12	
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

MODEL: D:\m\1601600600 - Crestwood - Midwestern Turnpike04 - Drawings\DCN\CADD_Sheets\1601600600-std-draws\ts-05.dgn

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

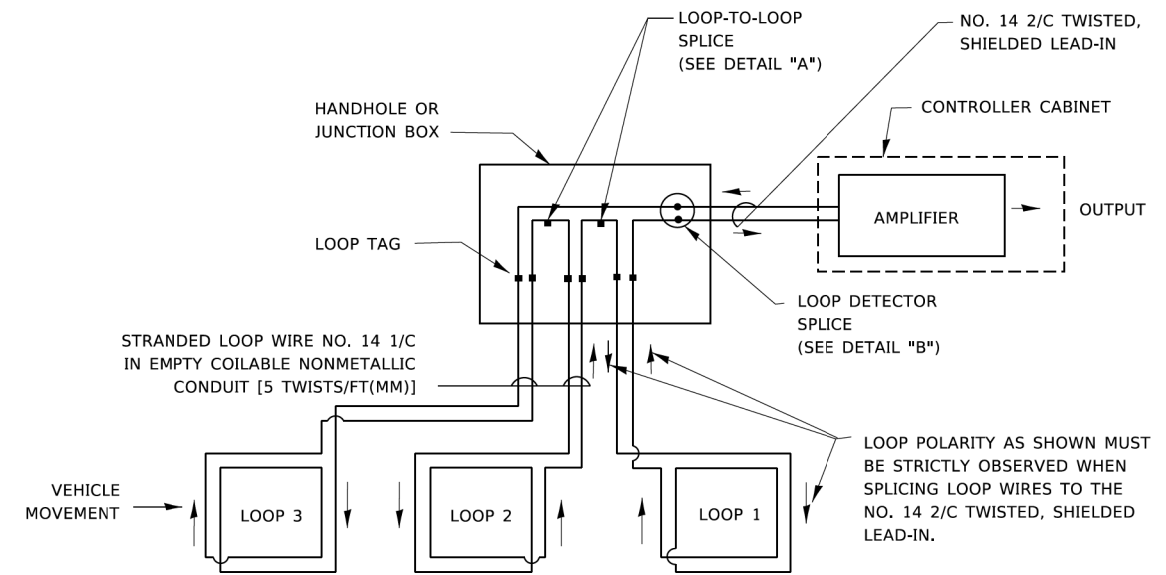
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	116
TS-05		CONTRACT NO. 61H12		
ILLINOIS FED. AID PROJECT				

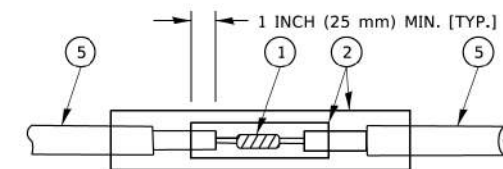
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

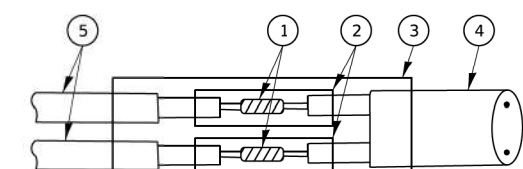


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm), IF IN CONCRETE.
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

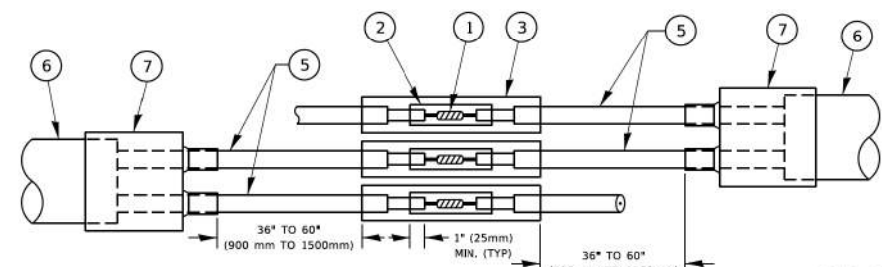


DETAIL "A"
LOOP-TO-LOOP SPLICE

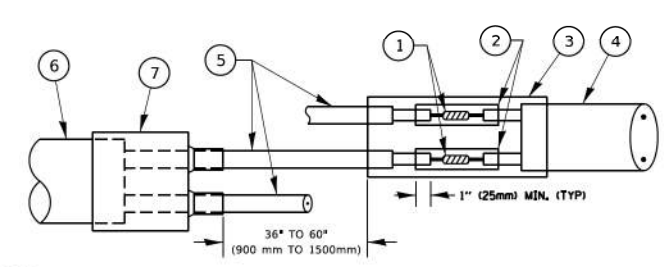


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



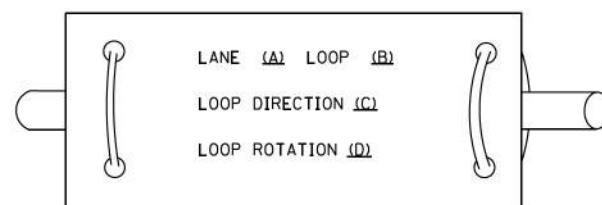
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- ⑥ XL POLYOLEFIN 2 CONDUCTOR
- ⑦ BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

LOOP LEAD-IN CABLE TAG



- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

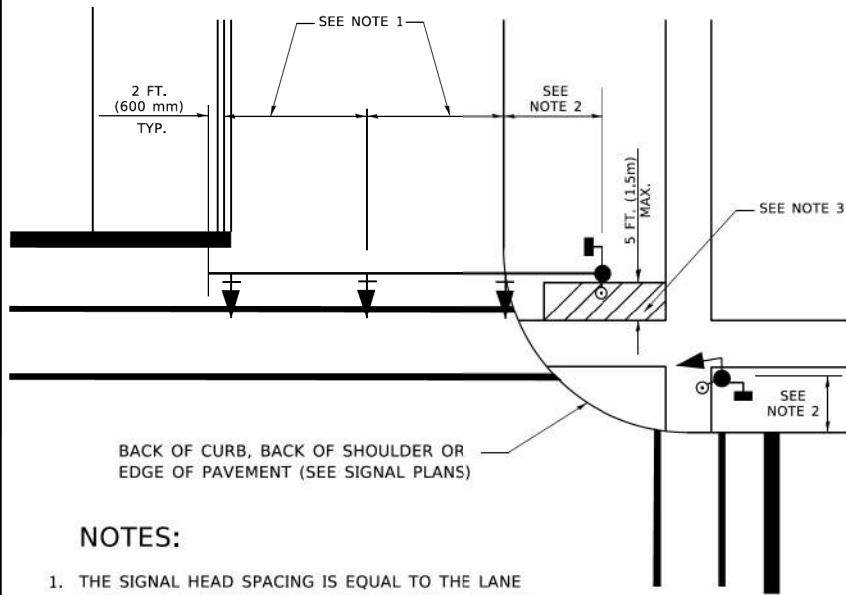
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	117
TS-05		CONTRACT NO. 61H12		
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

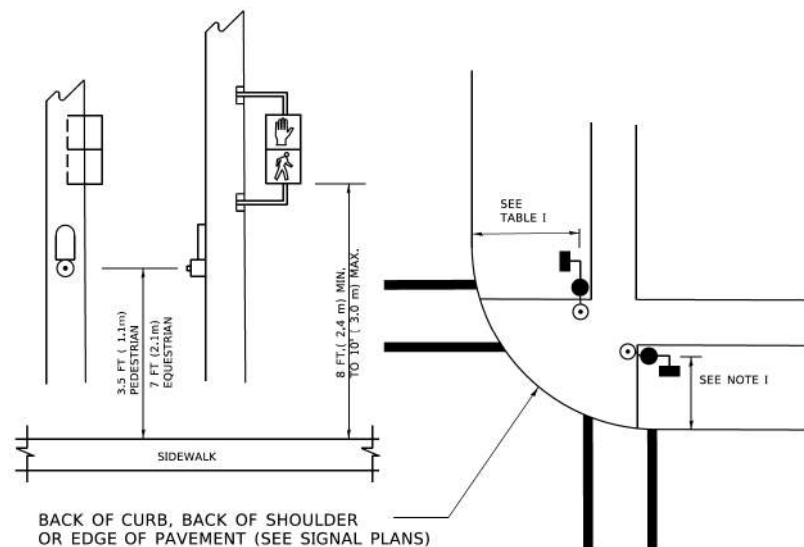
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

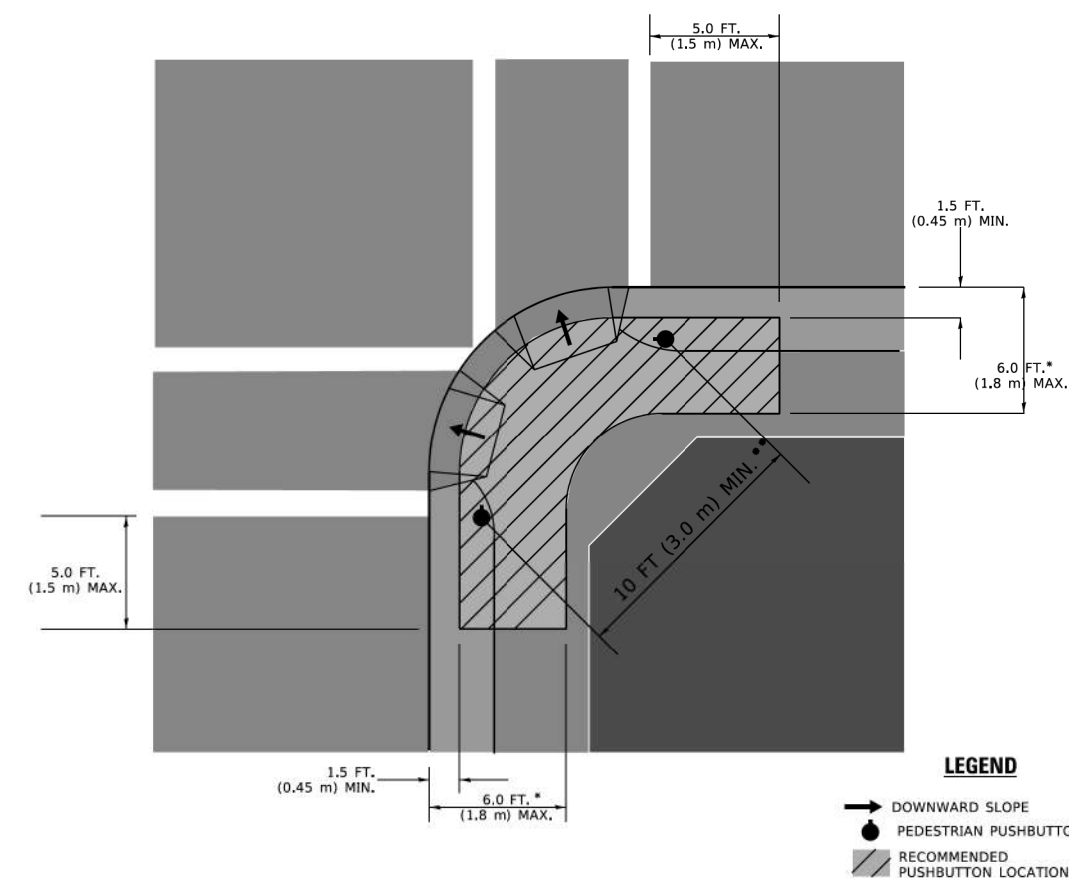
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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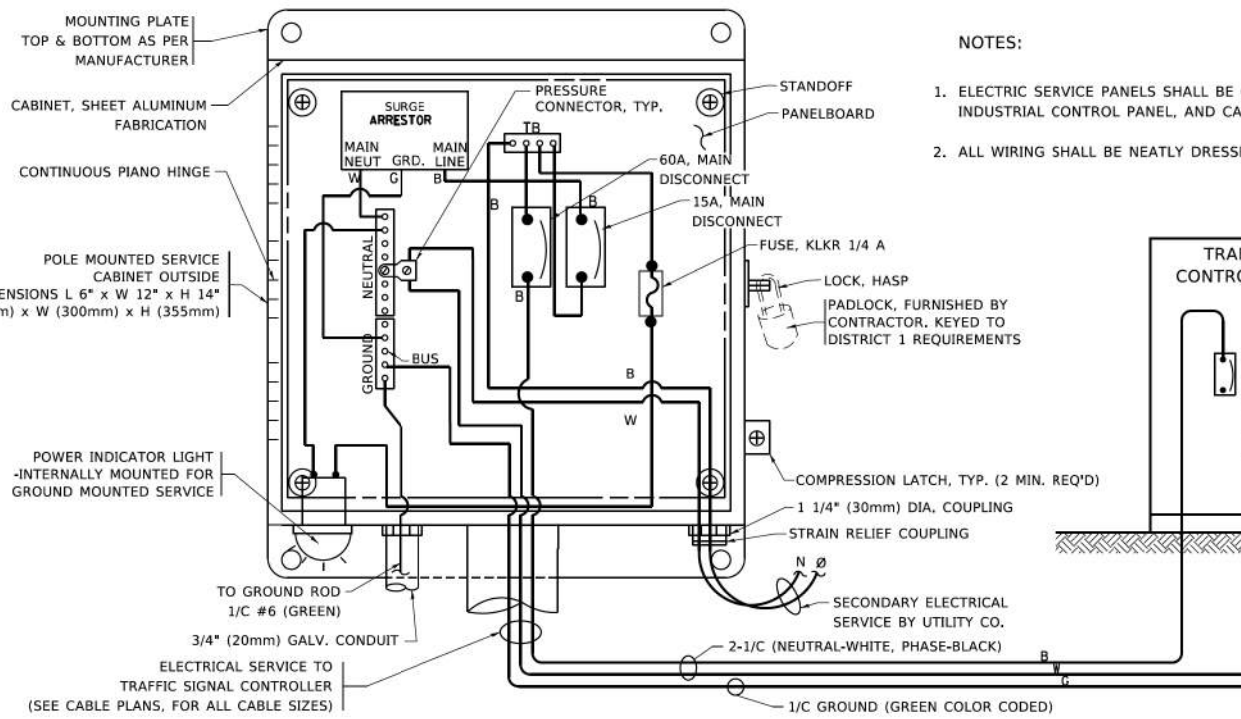
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PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

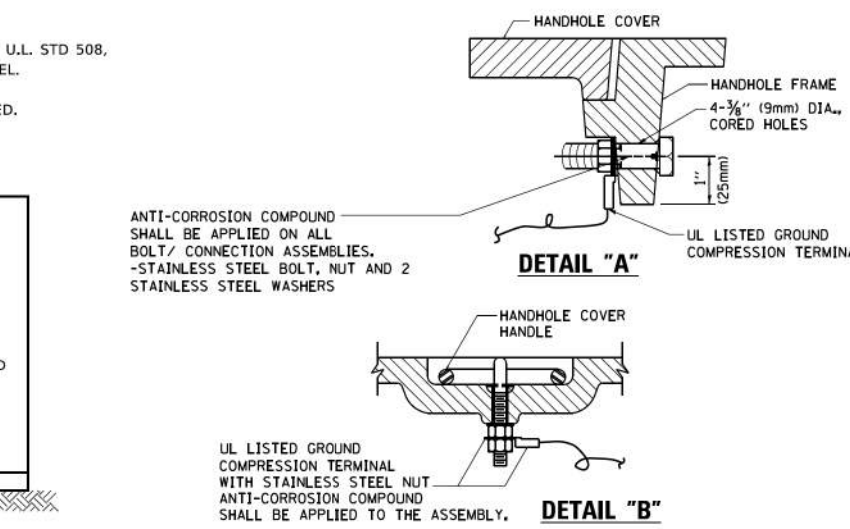
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 7 OF 11 SHEETS STA. TO STA.

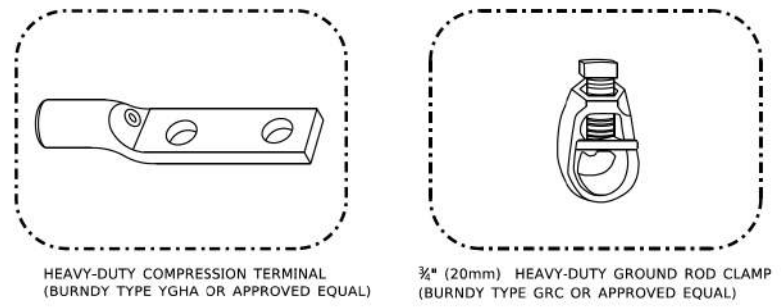
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	118
TS-05		CONTRACT NO. 61H12		
ILLINOIS FED. AID PROJECT				



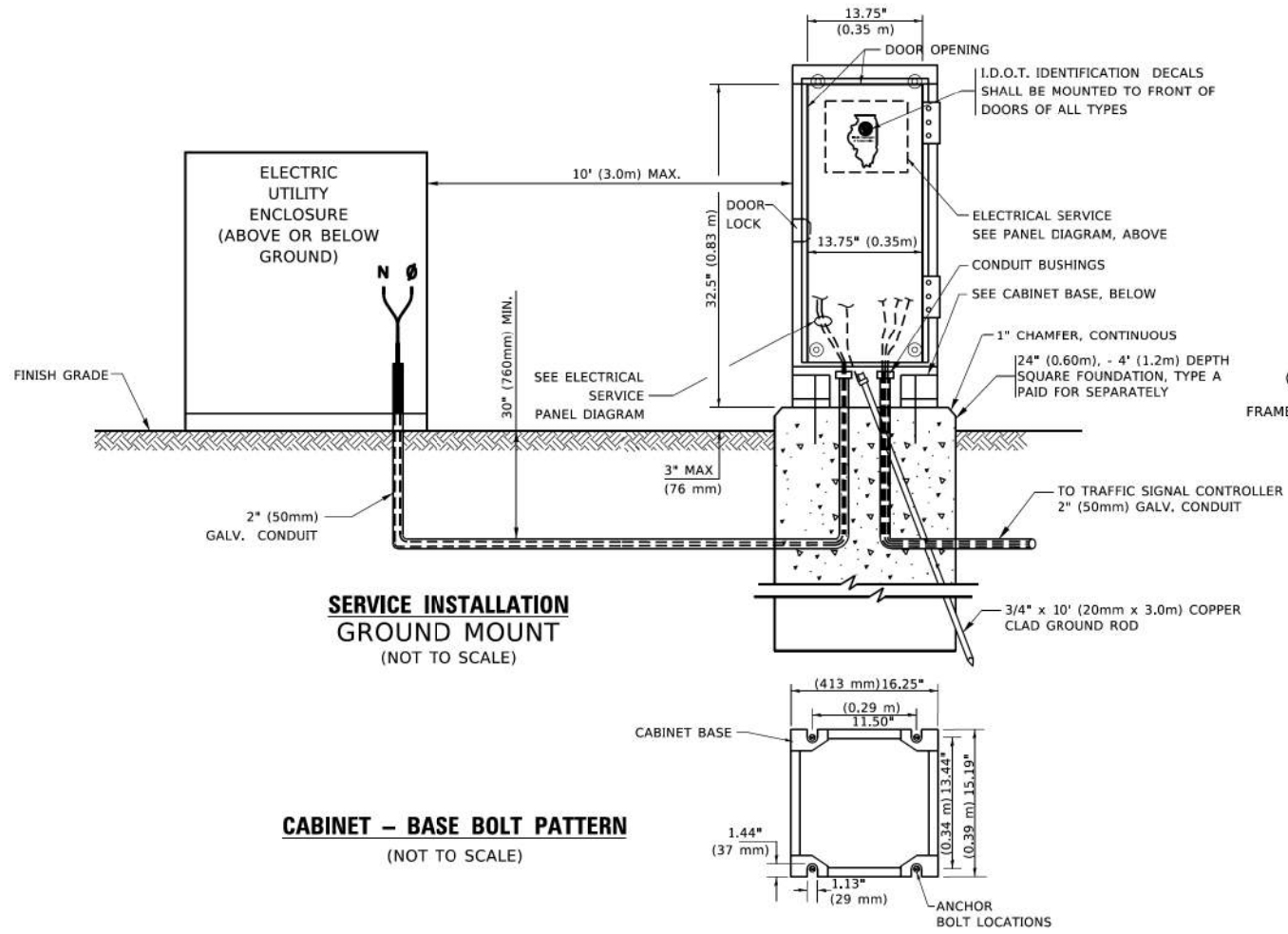
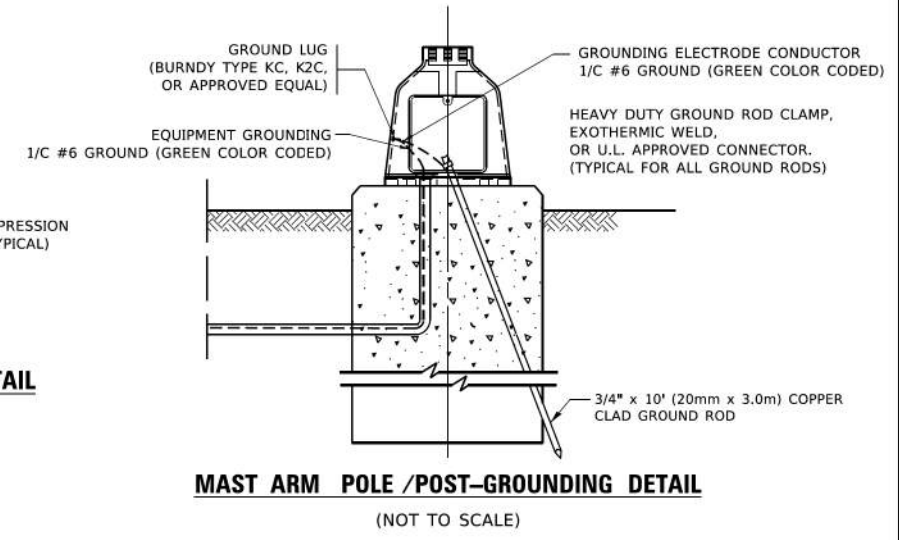
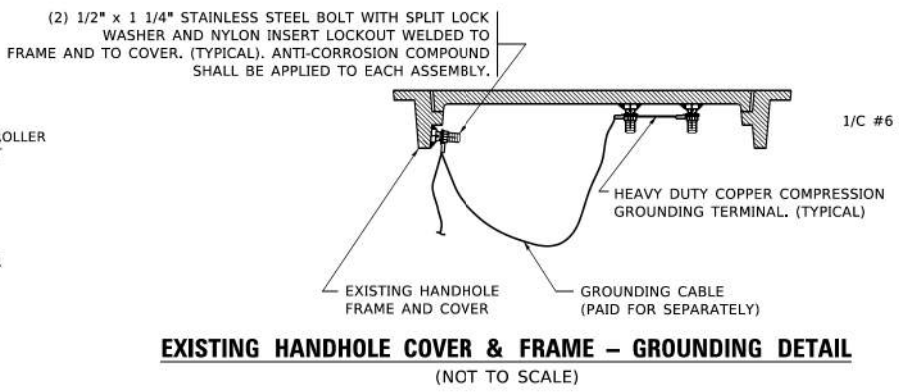
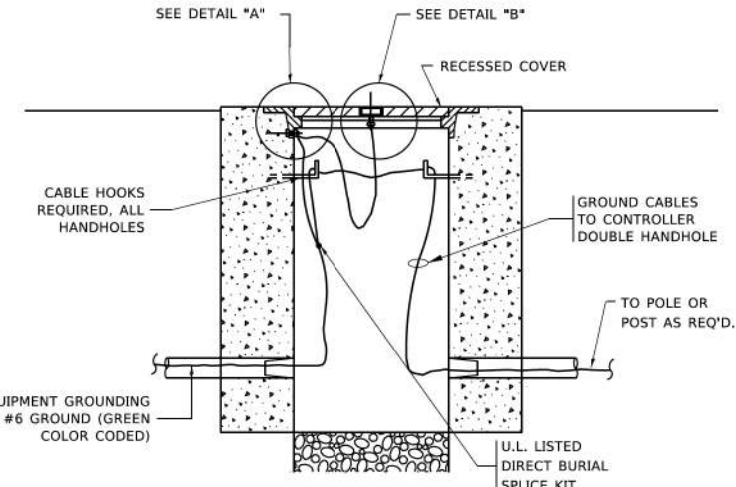
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
 2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
 3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
 - 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
 - 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
 - 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



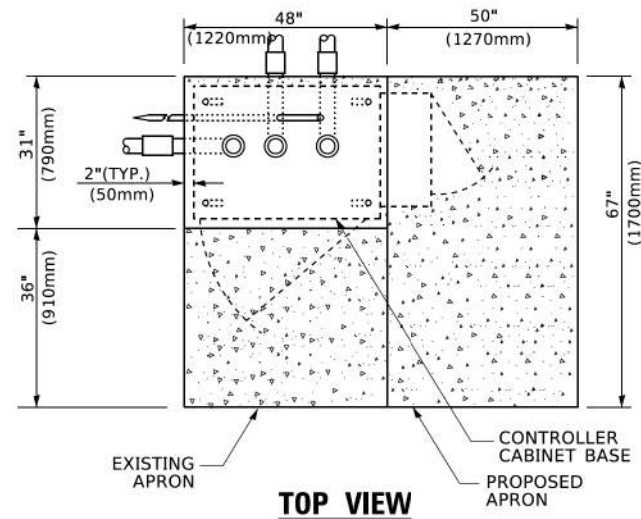
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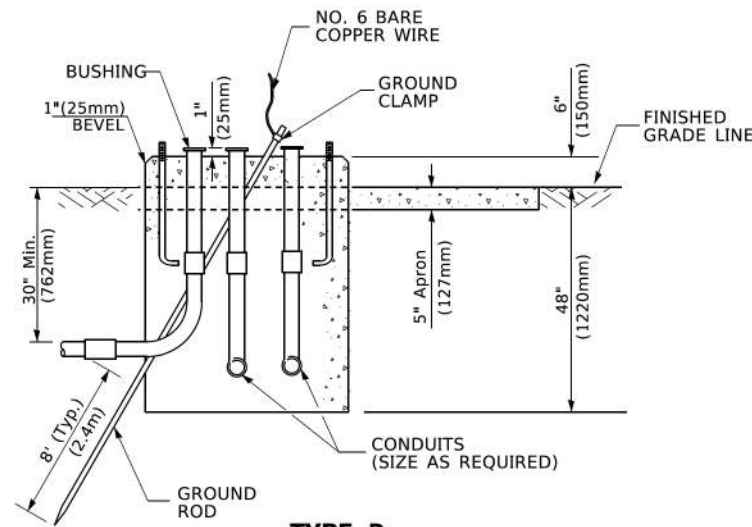
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
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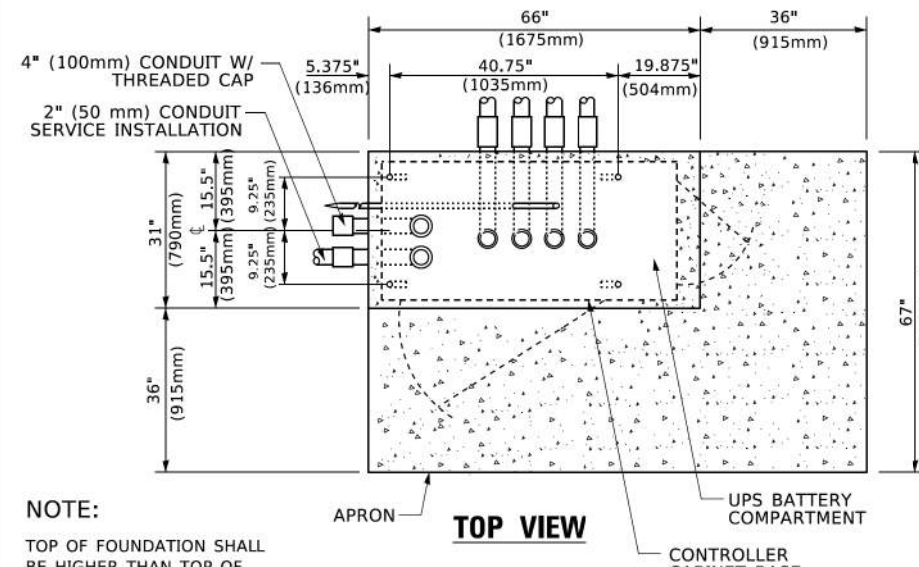
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TS-05		CONTRACT NO. 61H12		
ILLINOIS FED. AID PROJECT				



TOP VIEW



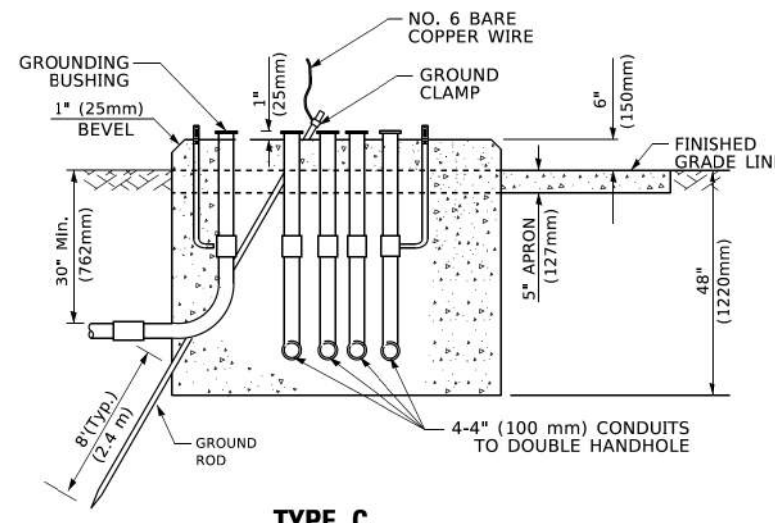
**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



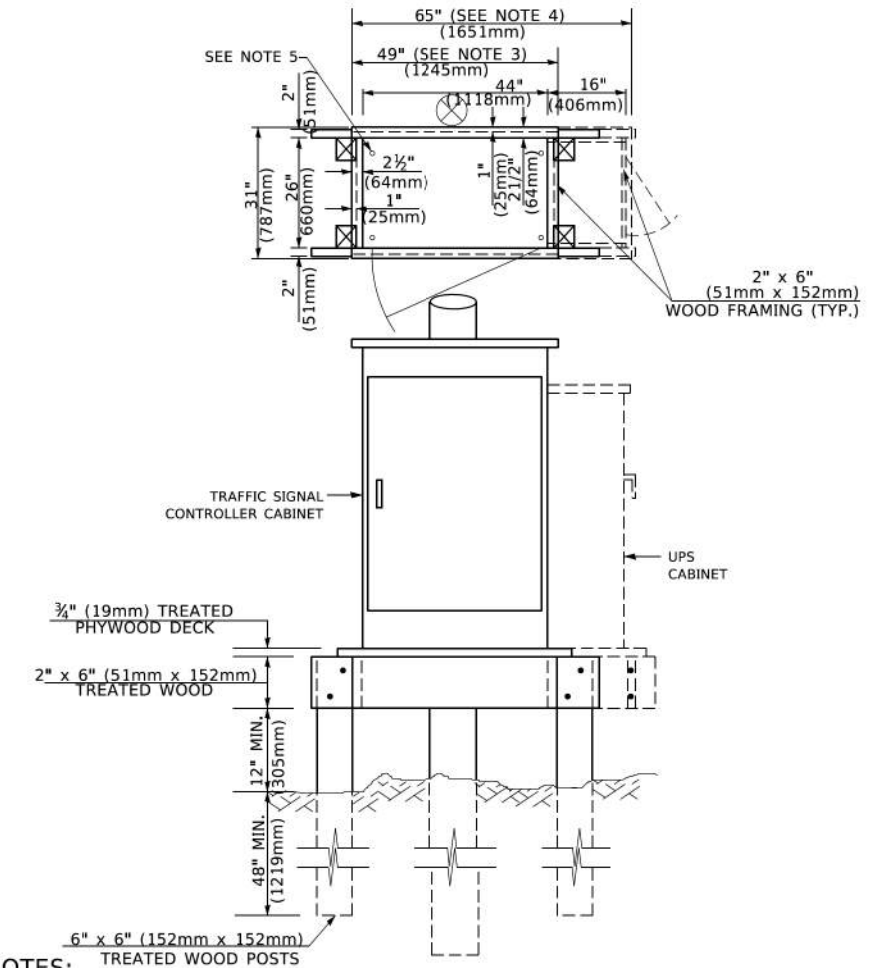
TOP VIEW

NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Most Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

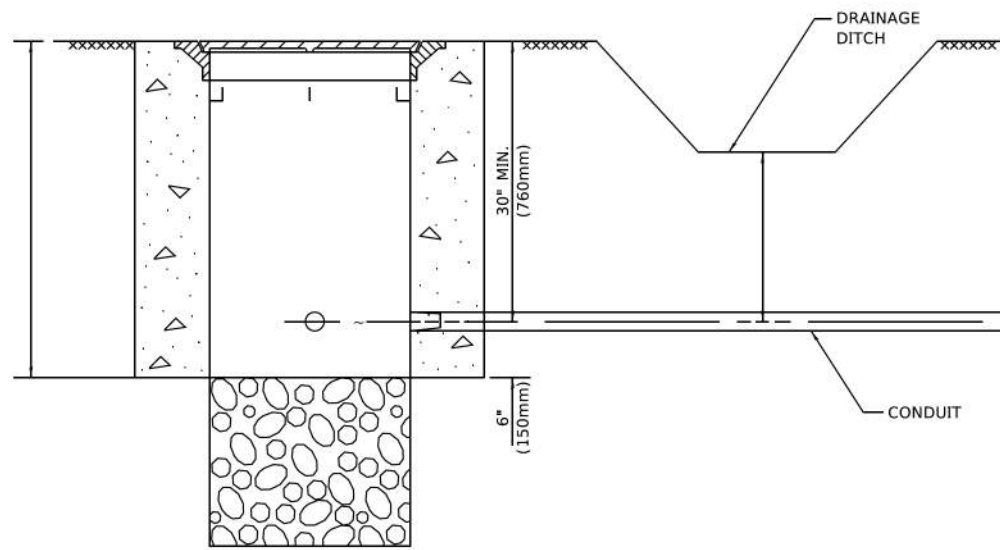
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE		SHEET 9 OF 11 SHEETS		STA. TO STA.	
DISTRICT ONE		SECTION		COUNTY	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS		1600		COOK	
		TS-05		CONTRACT NO. 61H12	
		ILLINOIS		FED. AID PROJECT	

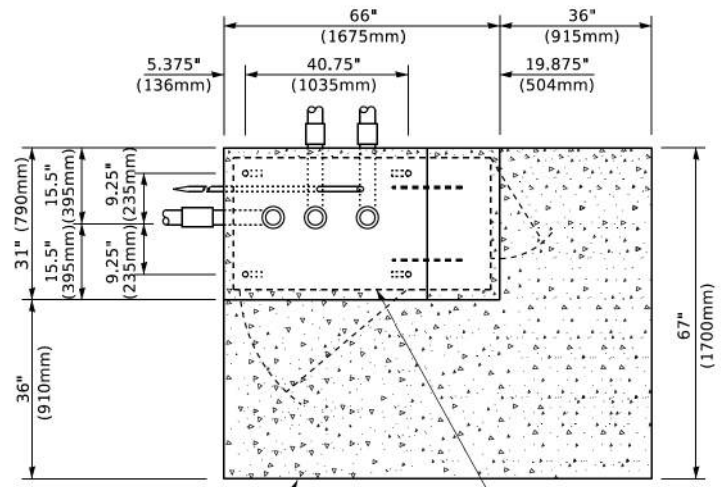
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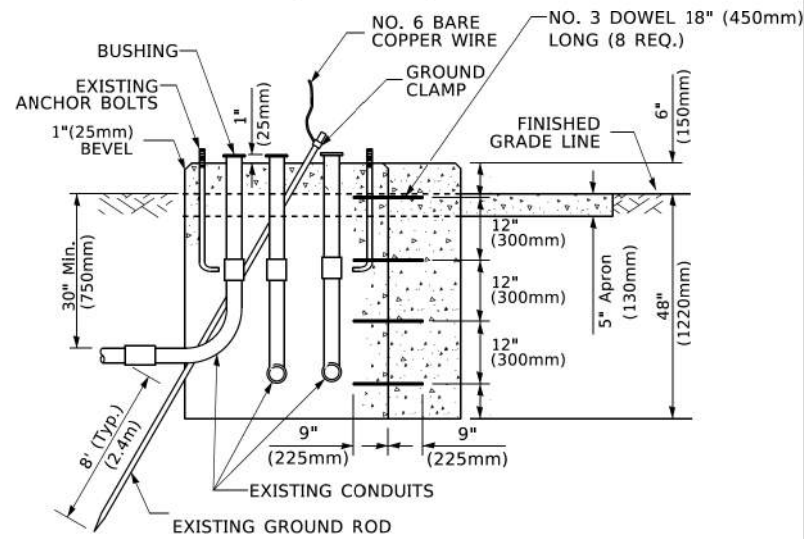
NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



TOP VIEW
(NOT TO SCALE)

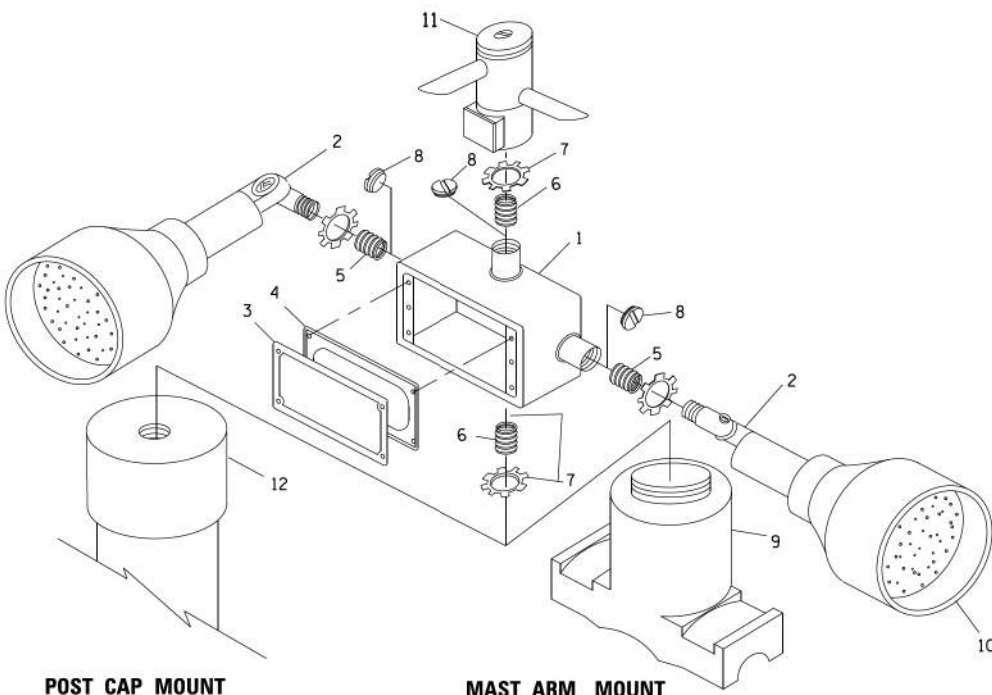


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

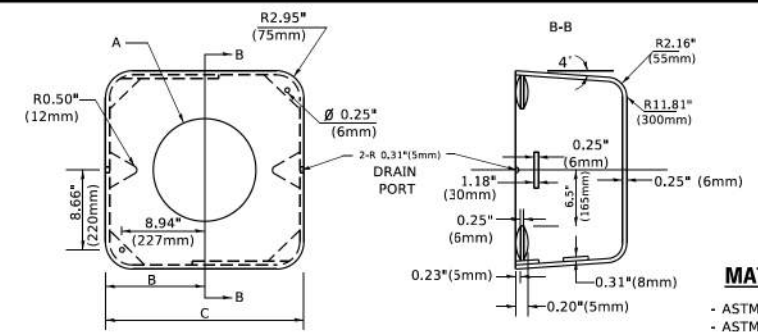
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 " (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



POST CAP MOUNT

MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



MATERIAL

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

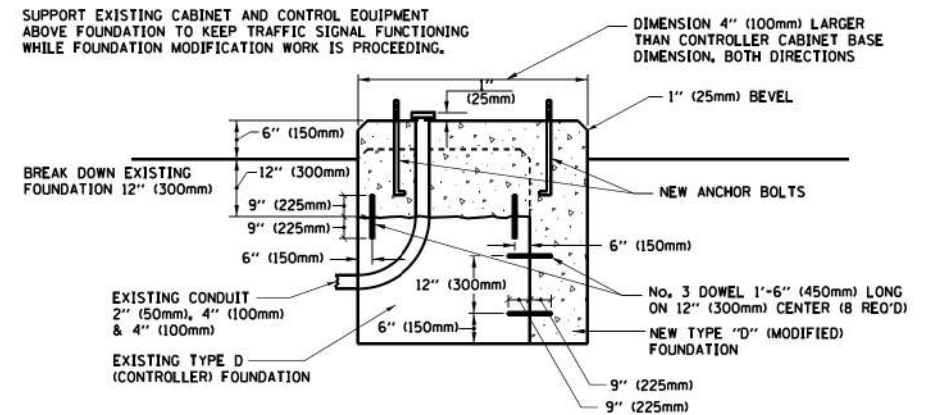
SHROUD

NOTES:

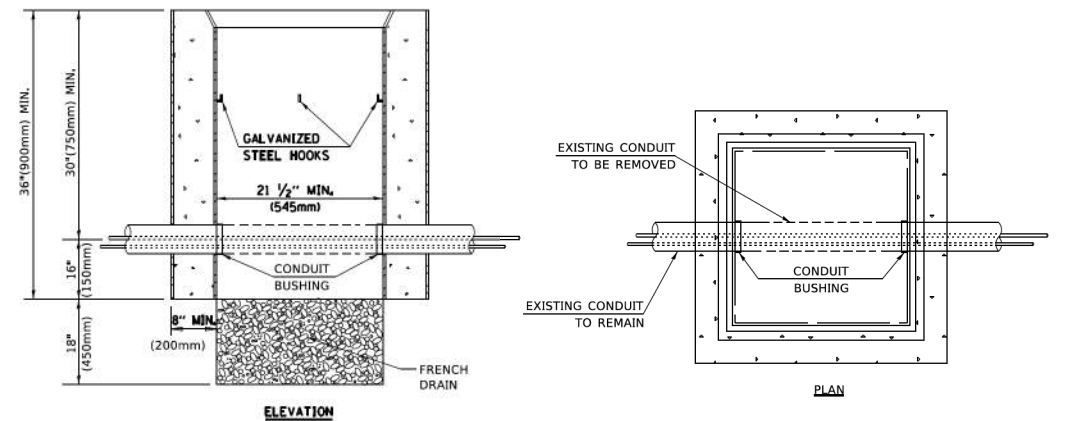
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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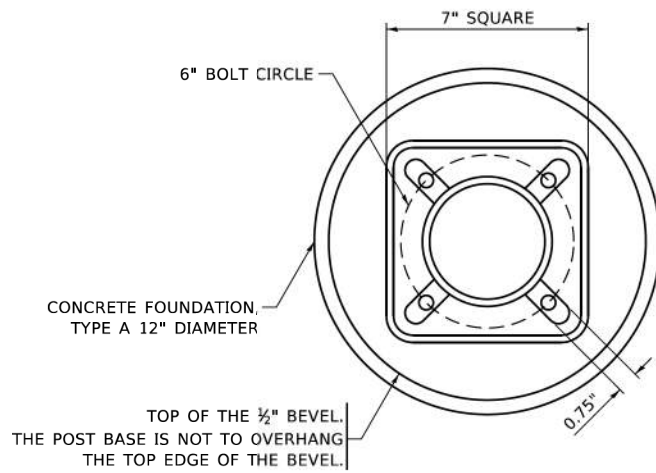
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

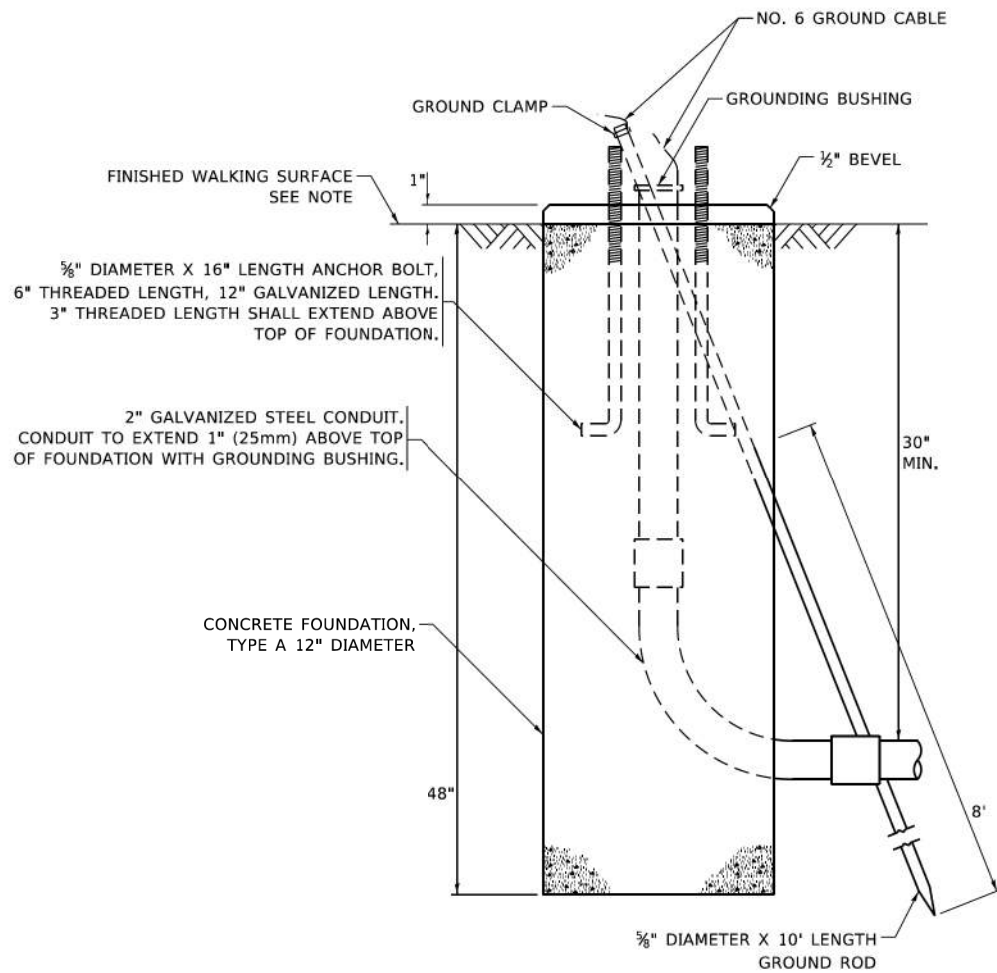
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TS-05		CONTRACT NO. 61H12		
ILLINOIS FED. AID PROJECT				

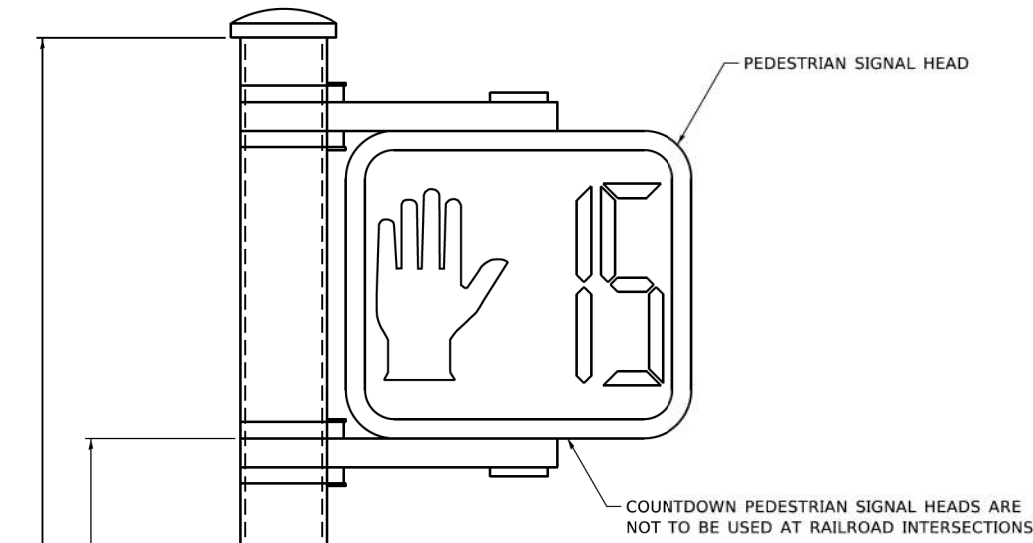


BOLT PATTERN

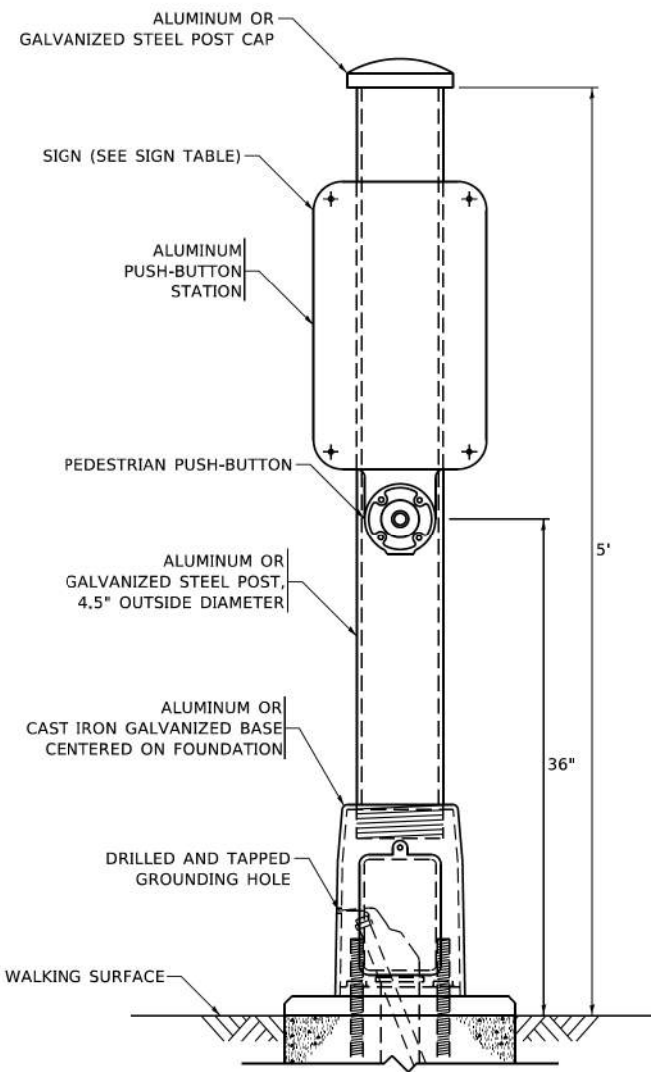
NOTE:
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



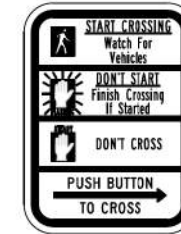
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



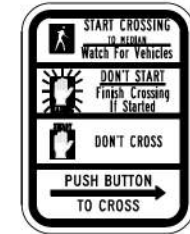
PEDESTRIAN SIGNAL POST, 10 FT.



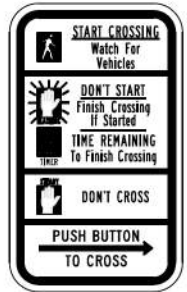
PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b



R10-3d



R10-3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:
1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

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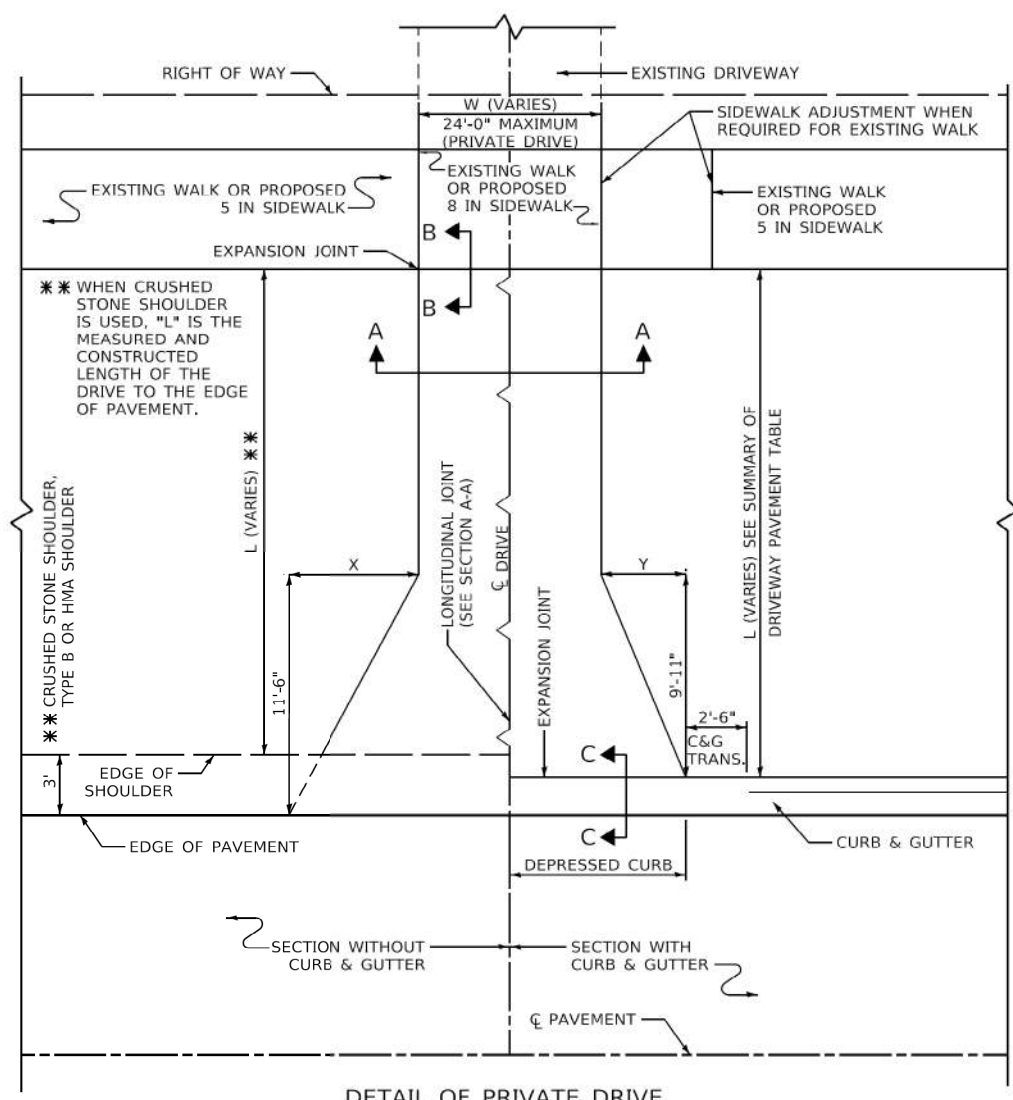
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

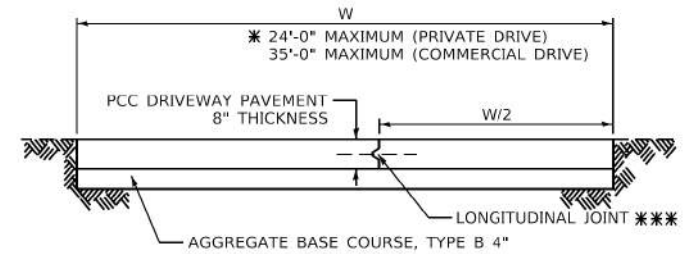
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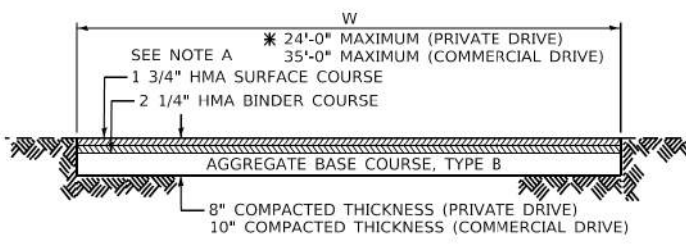
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TS-05		CONTRACT NO. 61H12		
ILLINOIS FED. AID PROJECT				



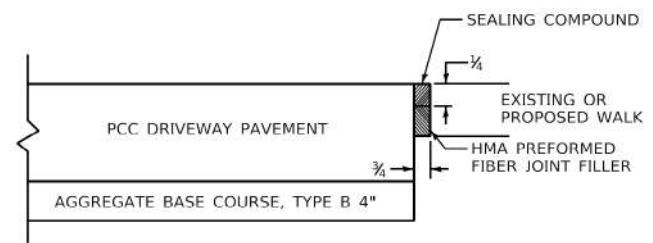
DETAIL OF PRIVATE DRIVE



SECTION A-A PCC DRIVEWAY

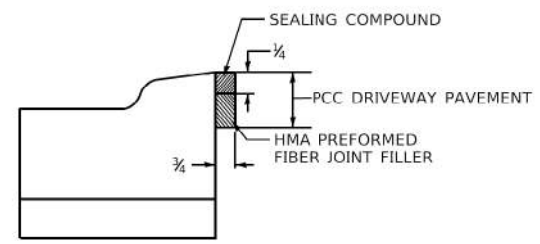


SECTION A-A HMA DRIVEWAY



SECTION B-B

THE EXPANSION JOINT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR PORTLAND CEMENT CONCRETE SIDEWALK OR PER SQUARE YARD FOR PORTLAND CEMENT CONCRETE DRIVEWAY.



SECTION C-C

GUIDE FOR DRIVEWAY LENGTH

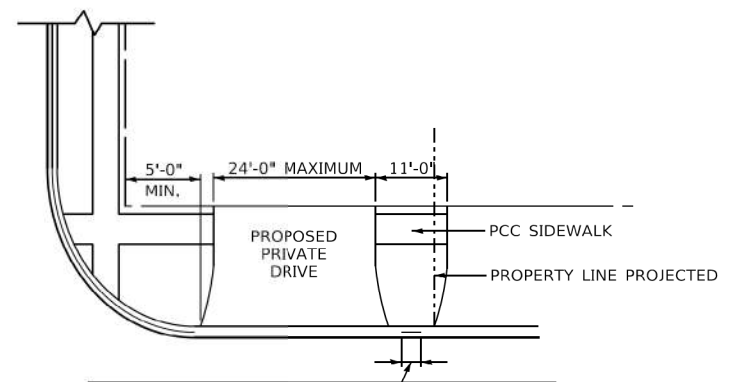
1. MEET EXISTING WALK (USE JOINT FOR PCC PAVEMENT SECTION B-B)
2. IF THERE IS NO EXISTING OR PROPOSED WALK, EXTEND TO RIGHT OF WAY LINE
3. IF THERE IS NO EXISTING WALK BUT A PROPOSED WALK IS REQUIRED, CONSTRUCT 8 INCH WALK FOR FULL DRIVEWAY WIDTH (SECTION B-B)
4. IF THERE IS A WALK ADJUSTMENT, CONSTRUCT 8" WALK FOR FULL DRIVEWAY WIDTH AND 5" WALK BEYOND.

QUANTITIES SHALL BE COMPUTED ON THE BASIS OF THE DRIVES EXTENDING TO SIDEWALK OR RIGHT OF WAY LINE AS SHOWN ON THE PLANS. HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE FIELD ENGINEER TO DETERMINE THE ACTUAL LIMITS OF EACH INSTANCE.

CHART

FOR DRIVEWAY WIDTH - W (FT)	X (FT)	Y (FT)
12	6.0	4.2
14 - 16	4.9	3.4
17 - 18	4.0	2.9
OVER 18	3.2	2.3

* PRIVATE DRIVES: 12'-0" MINIMUM, 24'-0" MAXIMUM
COMMERCIAL DRIVES: 12'-0" MINIMUM, 24'-0" MAXIMUM FOR 1-WAY OPERATION
24'-0" MINIMUM, 35'-0" MAXIMUM FOR 2-WAY OPERATION



DESIRABLE DISTANCE OF FULL CURB HEIGHT BETWEEN ADJACENT DRIVES SHALL BE 6'-0". IT IS DESIRABLE THAT THE DRIVE RETURNS TERMINATE WITHIN THE PROPERTY LINE AS PROJECTED.

LIMITATIONS UPON PRIVATE DRIVES

AT STREET INTERSECTIONS
MAXIMUM WIDTH & MINIMUM DISTANCE BETWEEN DRIVES

NOTE A

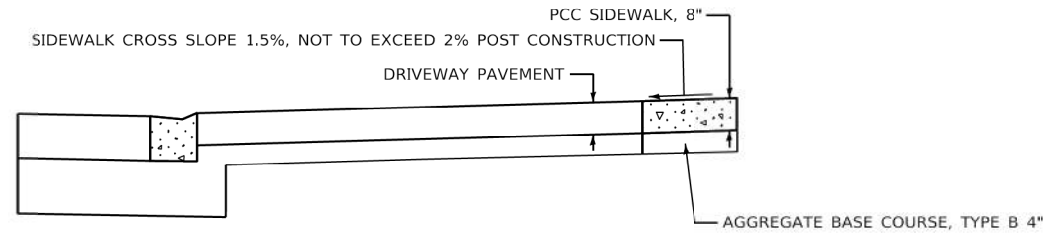
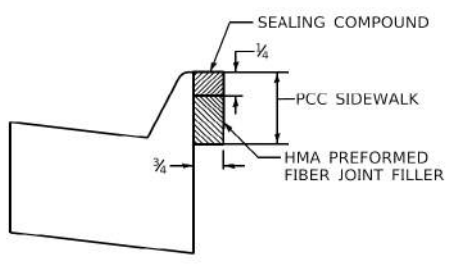
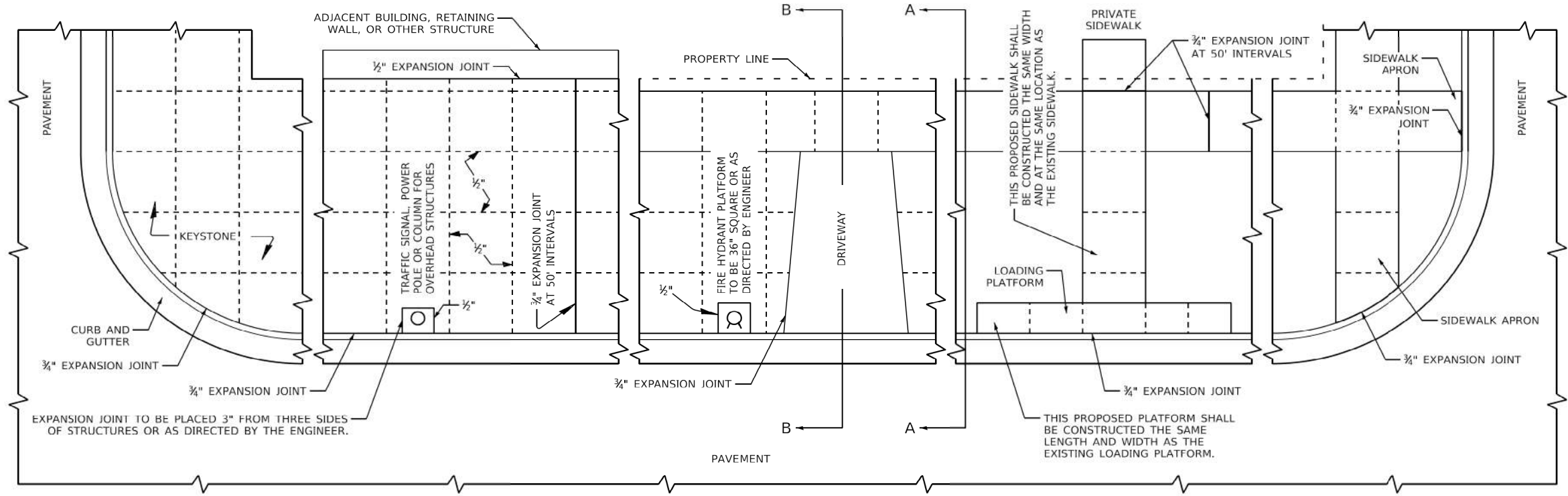
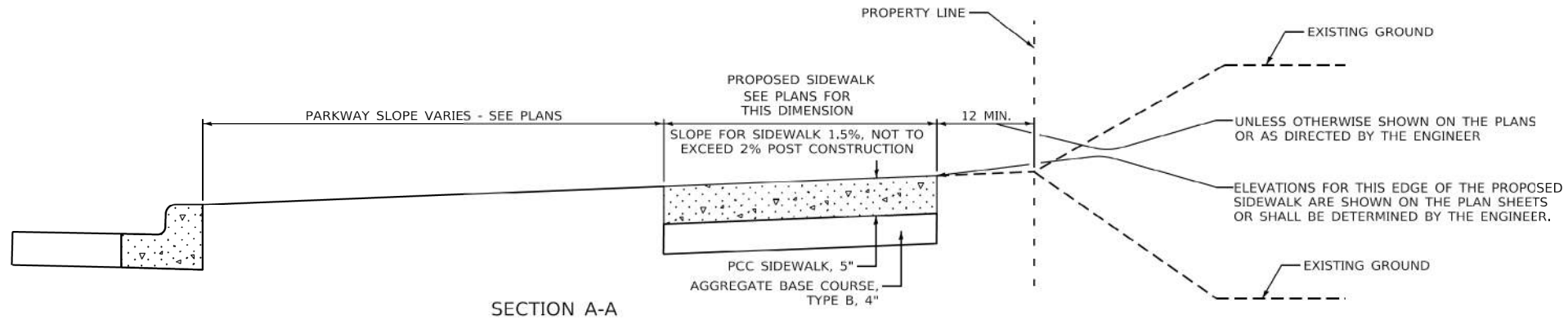
FOR HMA DRIVEWAYS: AS AN ALTERNATE TO THE 1 3/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-12.5 OR 9.5, N70, AND THE 2 1/4" HOT-MIX ASPHALT CONCRETE BINDER COURSE, IL-19, N70 4" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-12.5 OR 9.5 N70 MAY BE USED. IN THE EVENT THE CONTRACTOR ELECTS TO USE THIS ALTERNATE, THE ADDITIONAL 2 1/4" OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-12.5 OR 9.5 N70 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR HOT-MIX ASPHALT BINDER COURSE, IL-19, N70.

GENERAL NOTE:

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.

MODEL: D:\dwg\11-2020\16016096.dwg - Crestwood - Midwestern Turnpike\04_Drives\04_CADD_Sheets\016096-std-drawings\04-Detail.dwg

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 DATE 1/1/20	PRIVATE AND COMMERCIAL DRIVE DETAIL COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS STANDARD C-002	C-XXX NOT TO SCALE SHEET X
USER NAME = dreimer DESIGNED MEP DRAWN MEP PLOT SCALE = 2,000' / in. PLOT DATE = 9/6/2022		REVISIONS REVISOR DATE CHECKED ERB DATE 09/06/22		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SCALE: SHEET OF SHEETS STA. TO STA.
Farnsworth GROUP 1011 WARRENVILLE ROAD, SUITE 375 LISLE, ILLINOIS 60532 (630) 296-5877 / info@f-w.com		F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 1600 15-00036-00-BT COOK 271 123		ILLINOIS FED. AID PROJECT CONTRACT NO. 61H12		



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.

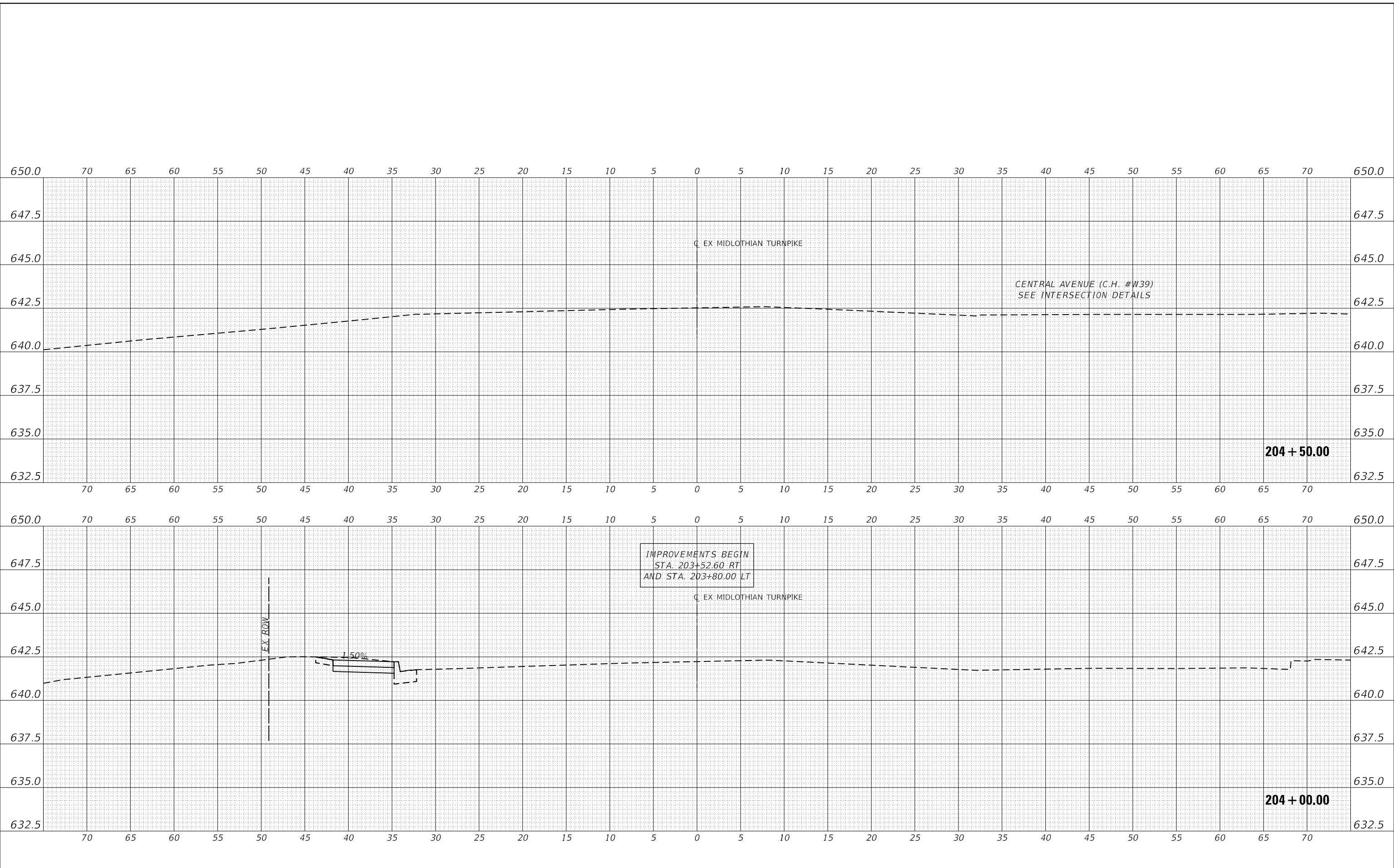
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 C:\Crestwood - Midland - Turnpike\04 - Drawings\DCM\CADD - Sheets\0160996-shd-detailed-District.dwg

MUNICIPALITY, IL COUNTY HIGHWAY: XXX MUNICIPALITY, IL FISCAL YEAR: XXXX NAME TOWNSHIP SECTION: XX-XXXX-XX-XX		COUNTY OF COOK DEPARTMENT OF TRANSPORTATION AND HIGHWAYS		COMPUTED: XXX DRAWN: XXX CHECKED: XXX	REVISIONS GENERAL DATE: 1/1/20	PORTLAND CEMENT CONCRETE SIDEWALK CONSTRUCTION DETAIL COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS STANDARD C-003		C-XXX NOT TO SCALE SHEET X
USER NAME = dreimer PLOT SCALE = 2,000' / in. PLOT DATE = 9/6/2022		DESIGNED: MEP DRAWN: MEP CHECKED: ERB DATE: 09/06/22	REVISED: - REVISED: - REVISED: - REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.U. RTE.: 1600 SECTION: 15-00036-00-BT	COUNTY: COOK TOTAL SHEETS: 271 SHEET NO.: 124	CONTRACT NO. 61H12 ILLINOIS FED. AID PROJECT
SCALE: SHEET OF SHEETS STA. TO STA.								

DATE	
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NOTE BOOK	
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CADD FILE NAME	

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BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
NO.	
NOTE BOOK	
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CADD FILE NAME	

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FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\04 - Design\0160996-00.dwg



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: H: 1" = 5'
V: 1" = 2.5'

SHEET 1 OF 147 SHEETS STA. 204+00.00 TO STA. 204+50.00

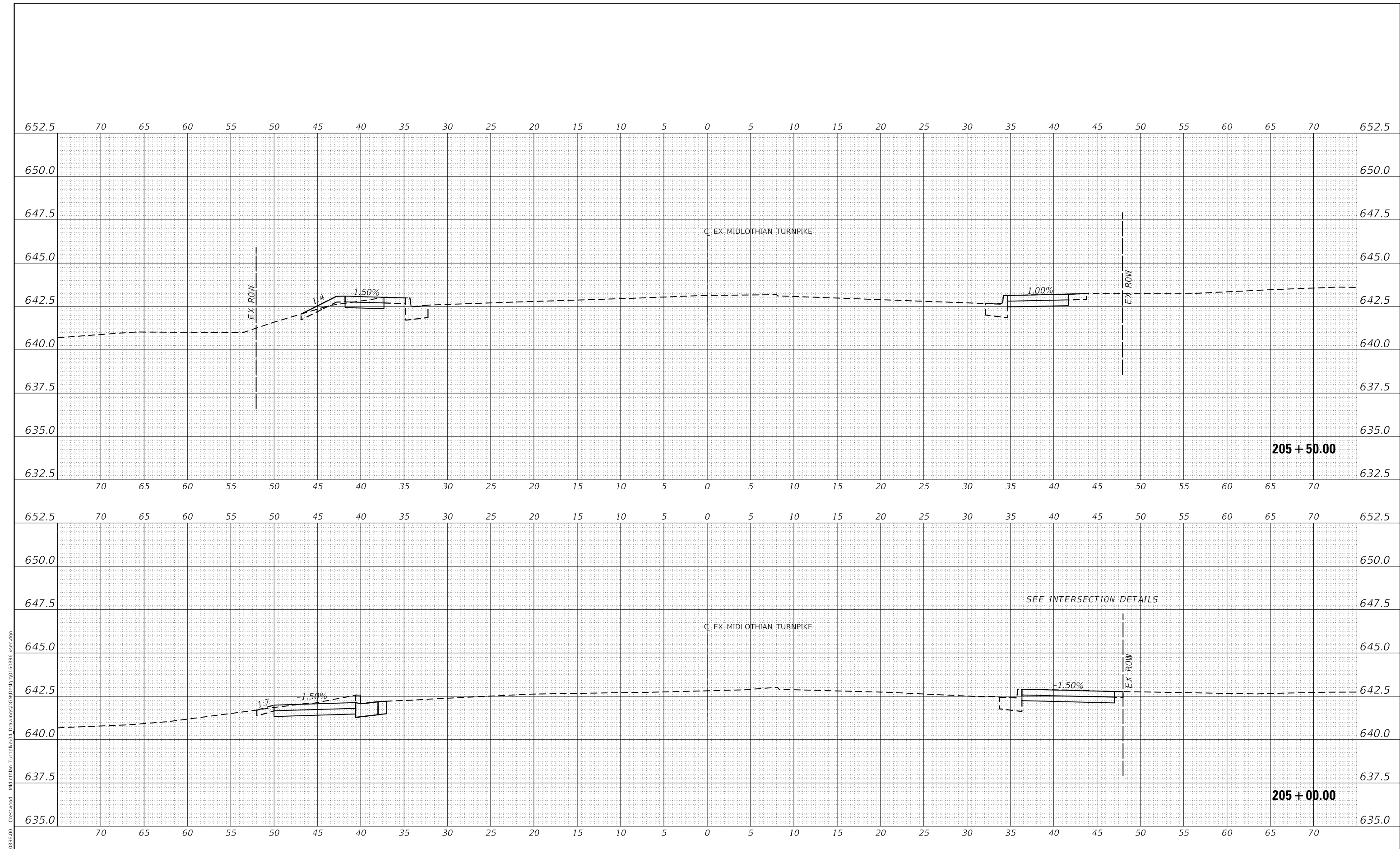
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	125
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				



USER NAME = dreimer	DESIGNED MEP	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN MEP	REVISED -
PLOT DATE = 9/6/2022	CHECKED ERB	REVISED -
	DATE 09/02/22	REVISED -

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REVISIONS	
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NOTE BOOK	
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Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN MEP	REVISED -
PLOT DATE = 9/6/2022	CHECKED ERB	REVISED -
	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H: 1" = 5'	SHEET 2 OF 147 SHEETS	STA. 205+00.00 TO STA. 205+50.00
V: 1" = 2.5'		

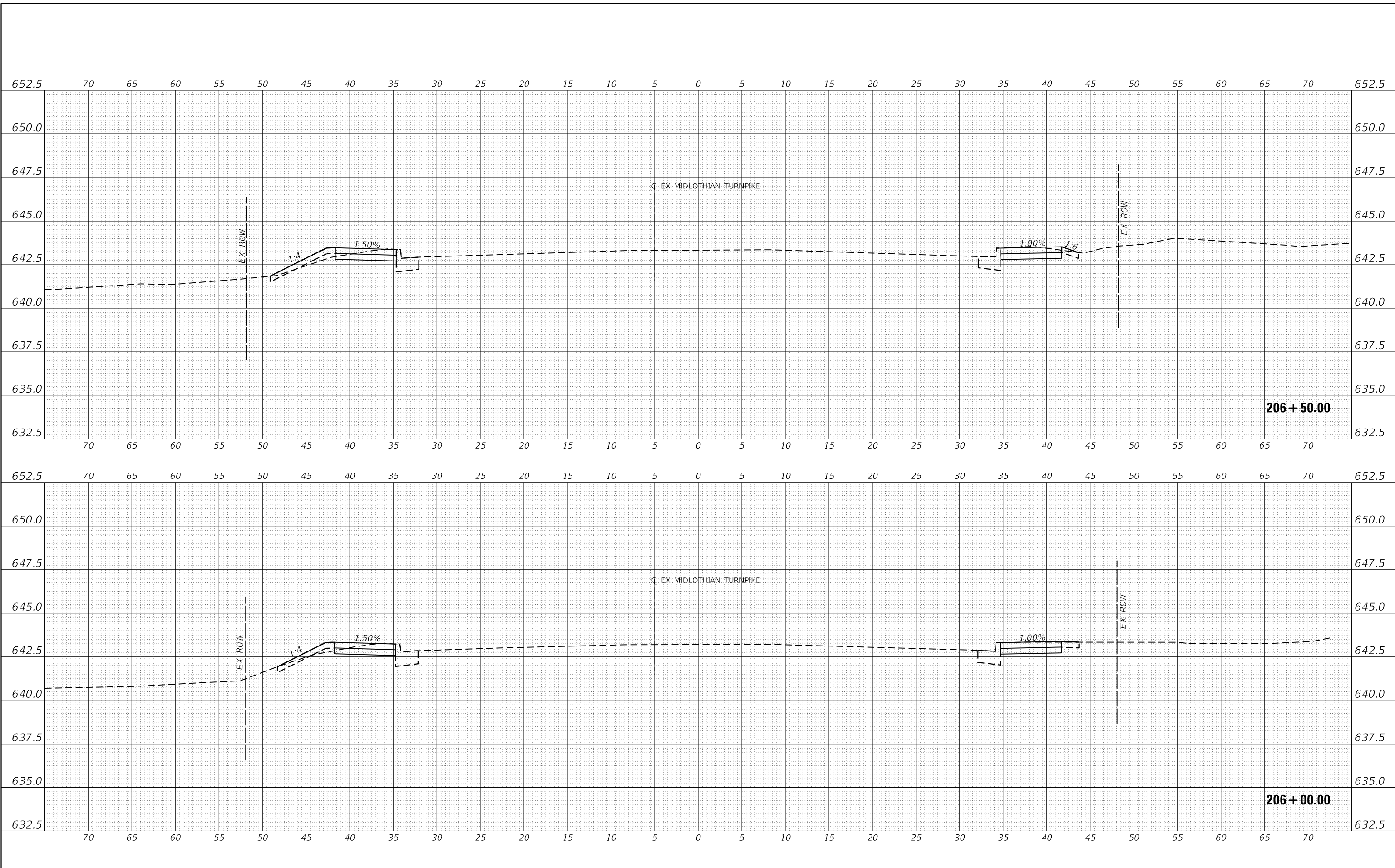
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	126
CONTRACT NO. 61H12			ILLINOIS FED. AID PROJECT	

DATE	
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NOTE BOOK	
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REVISIONS	
PLANNED	
GRADES CHECKED	
STRUC. CHECKED	
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NOTE BOOK	
CADD FILE NAME	

MODEL: E:\MIDCL_1
 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\01\Design\160996-sec.dgn



Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME	= dreimer
DESIGNED	MEP
DRAWN	MEP
PLLOT SCALE	= 10.0000' / in.
PLLOT DATE	= 9/6/2022
REVISIONS	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

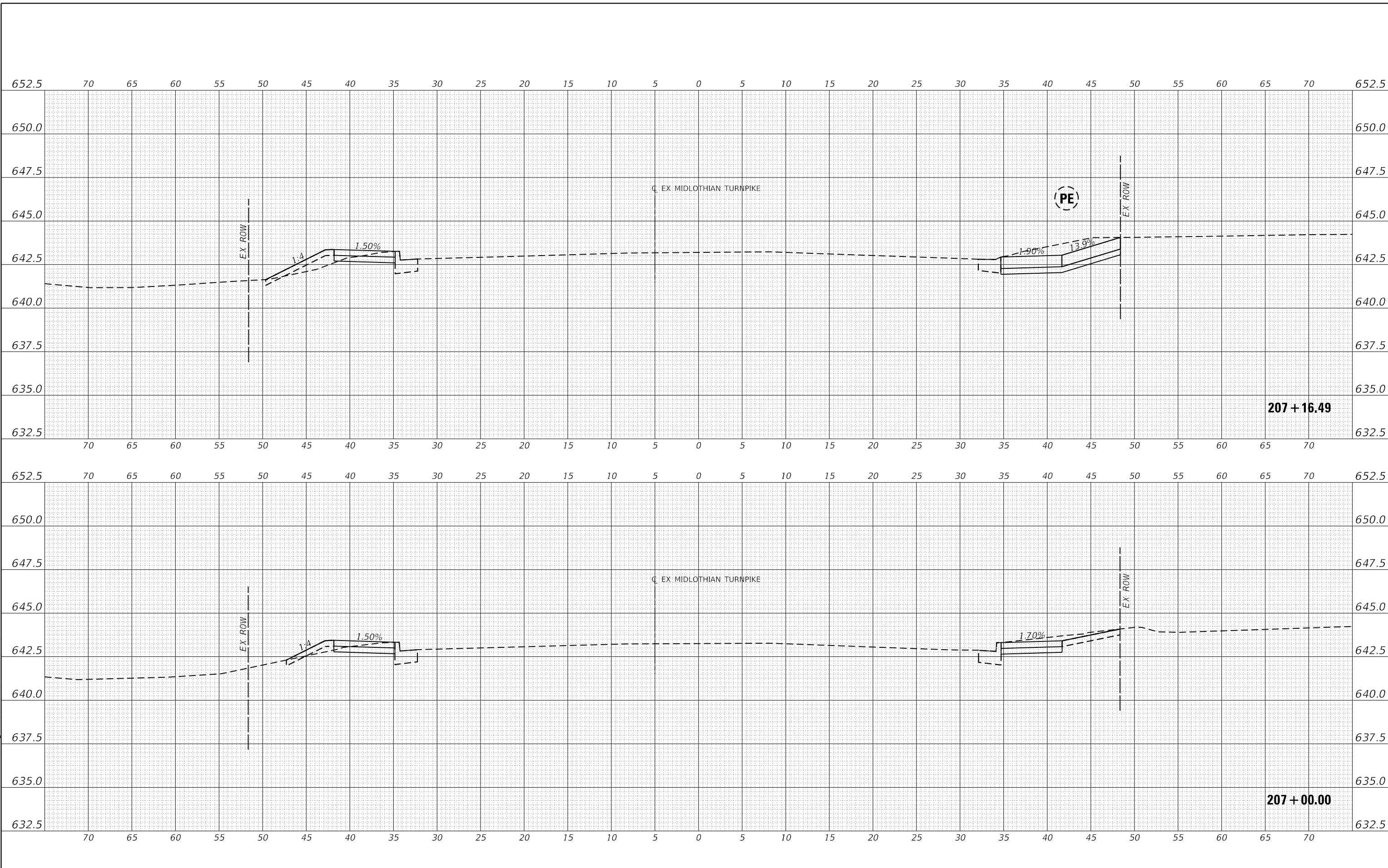
SCALE:	H: 1" = 5'
	V: 1" = 2.5'
SHEET	3
OF	147
SHEETS	
STA.	206+00.00 TO STA. 206+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	127
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	
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NOTE BOOK	
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MODEL: E:\MIDCL_1
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USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1"=5'	
V: 1"=2.5'	
SHEET 4	OF 147 SHEETS
STA. 207+00.00 TO STA. 207+17.35	

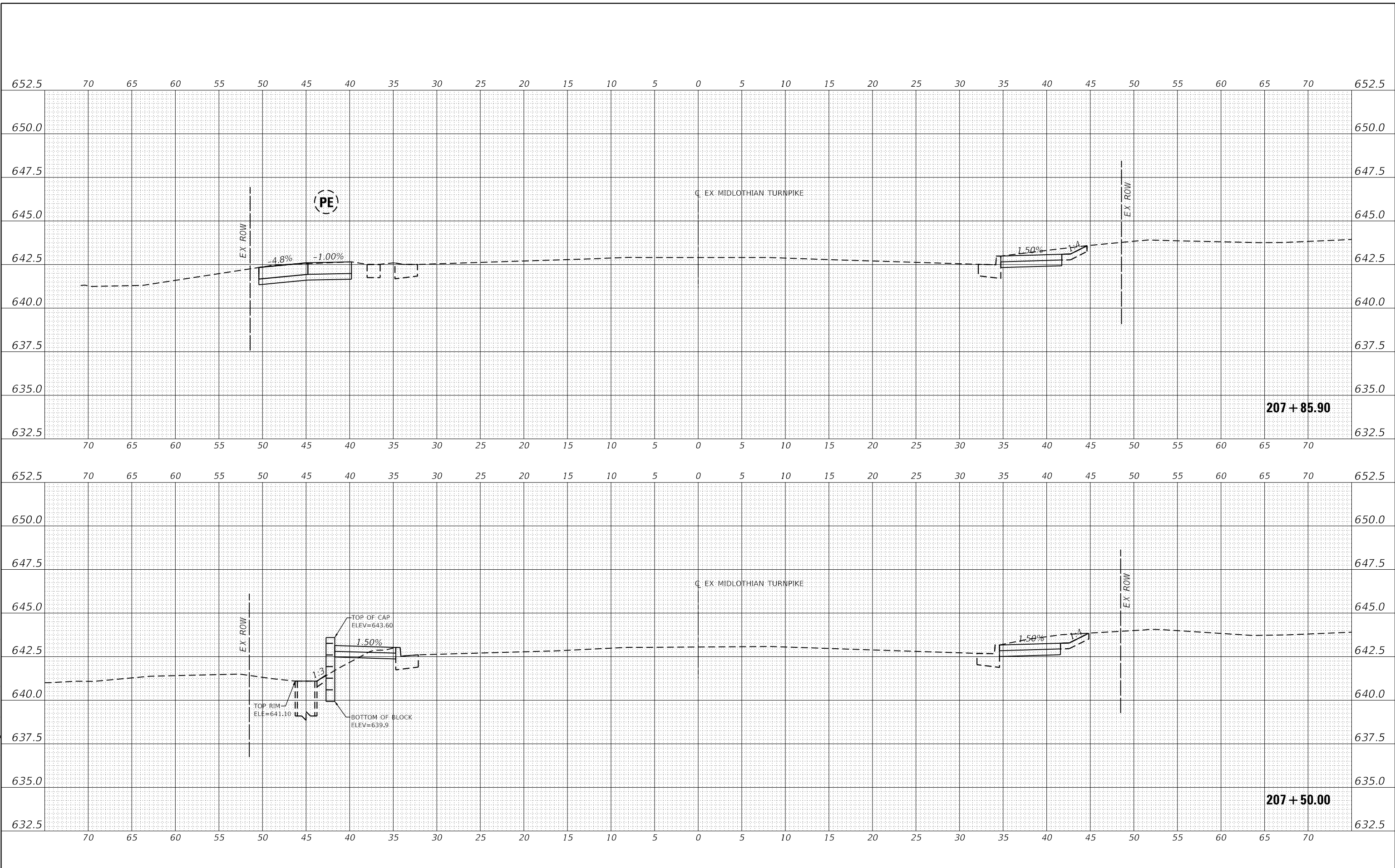
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	128
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

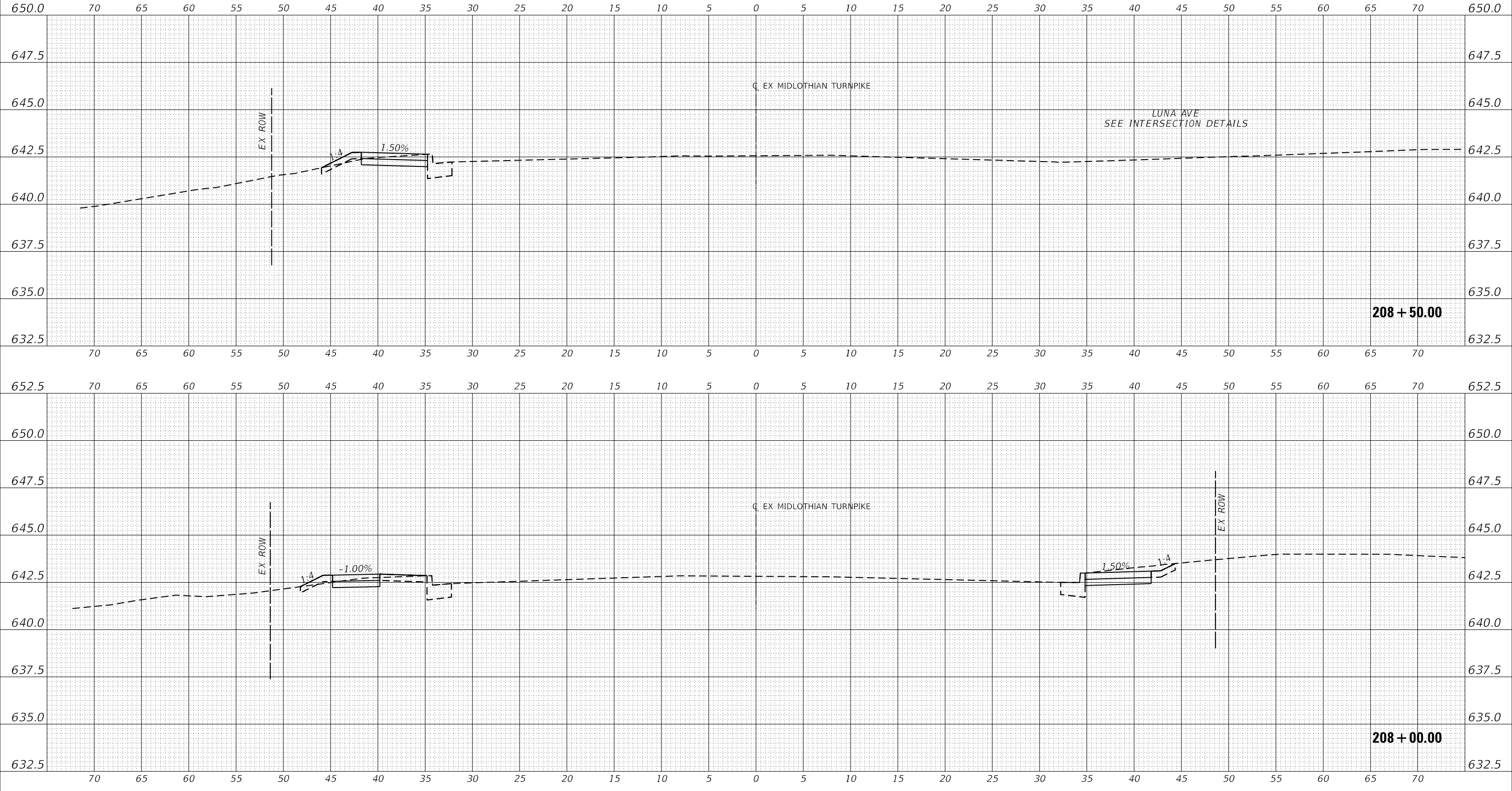
SCALE: H: 1"=5'	SHEET 5 OF 147 SHEETS	STA. 207+50.00 TO STA. 207+86.12
V: 1"=2.5'		

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	129
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	
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GRADES	
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NOTE BOOK	
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CADD FILE NAME	



MODEL: EXMIDCL_1
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USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H: 1" = 5'	
V: 1" = 2.5'	
SHEET 6	OF 147 SHEETS
STA. 208+00.00 TO STA. 208+50.00	

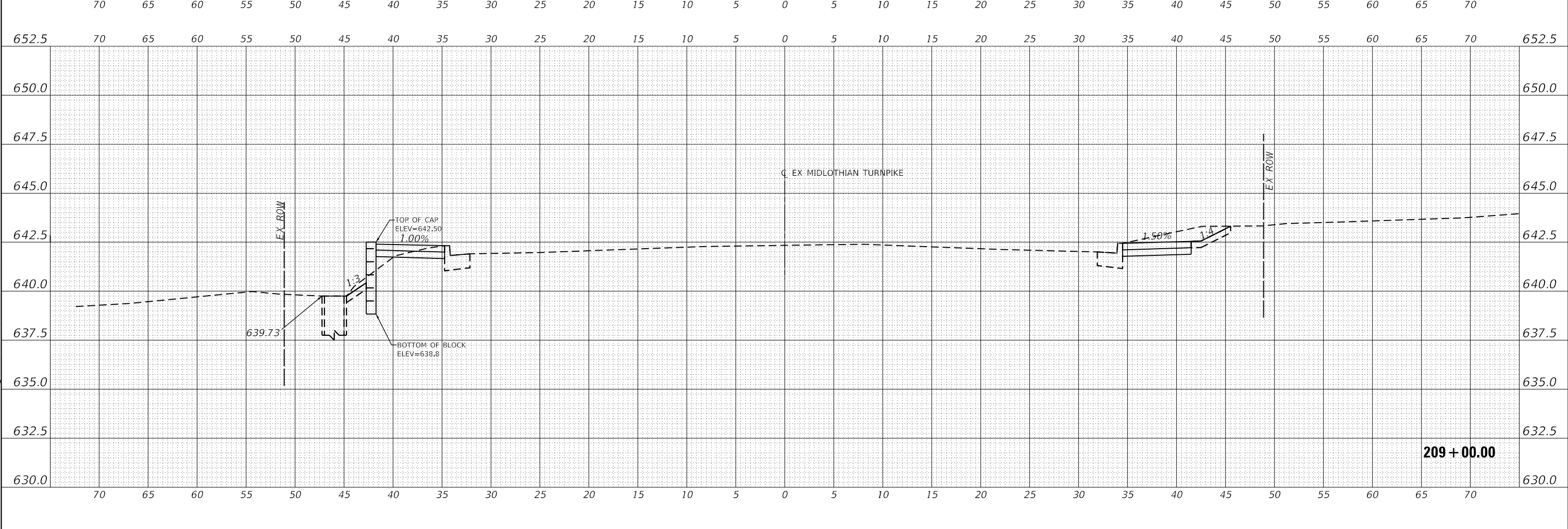
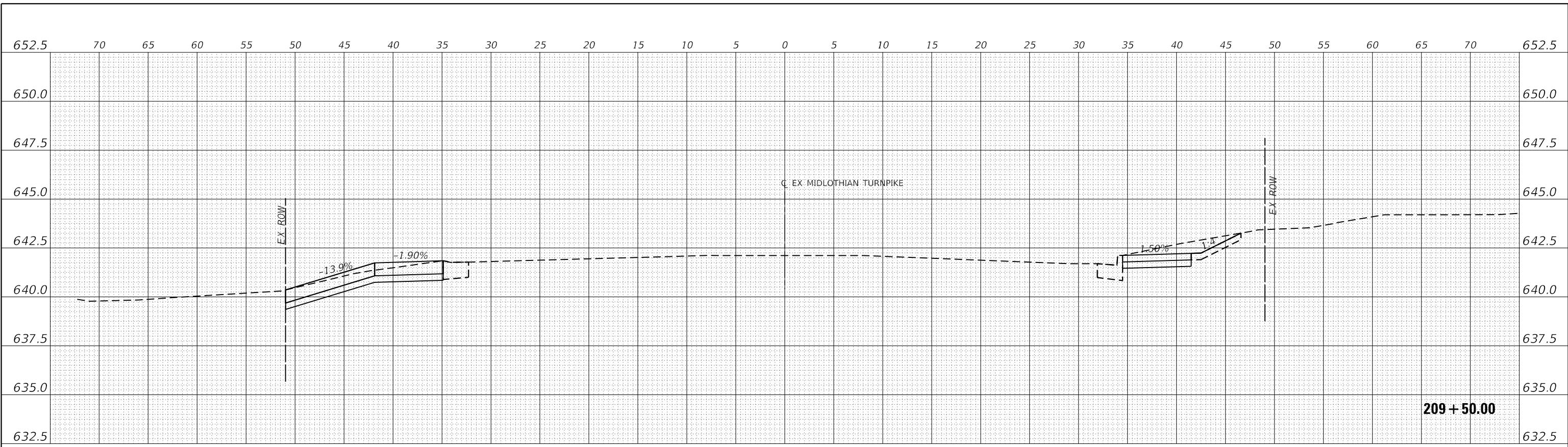
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	130
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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STRUCTURE NOTATIONS	
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MODEL: E:\MIDCL_1
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USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
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PLOT SCALE	= 10.0000 ' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

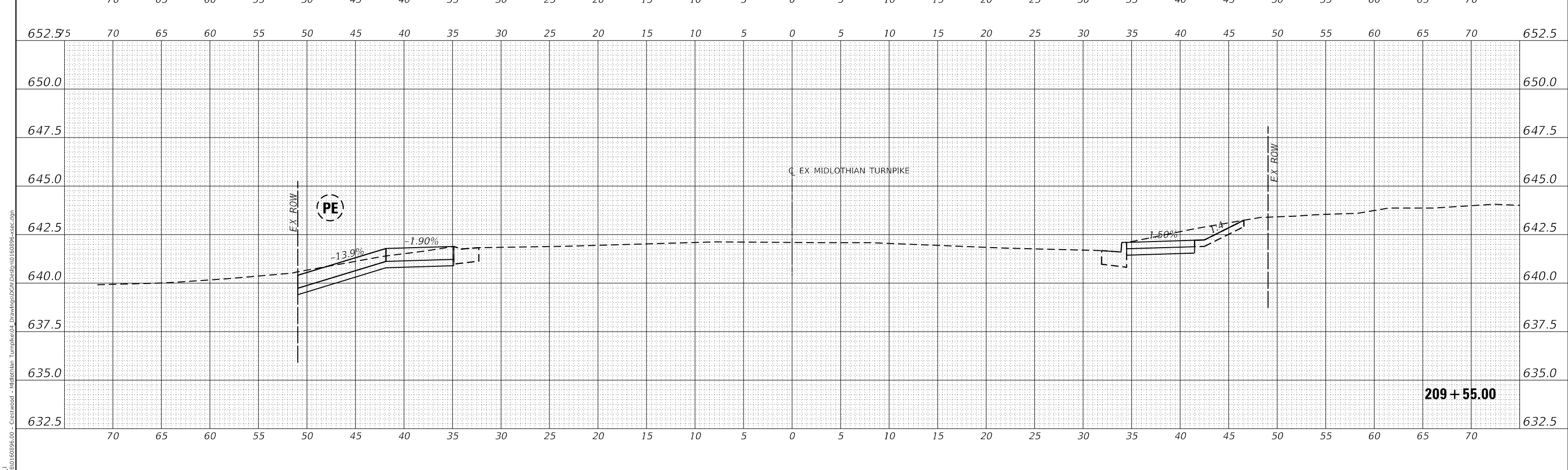
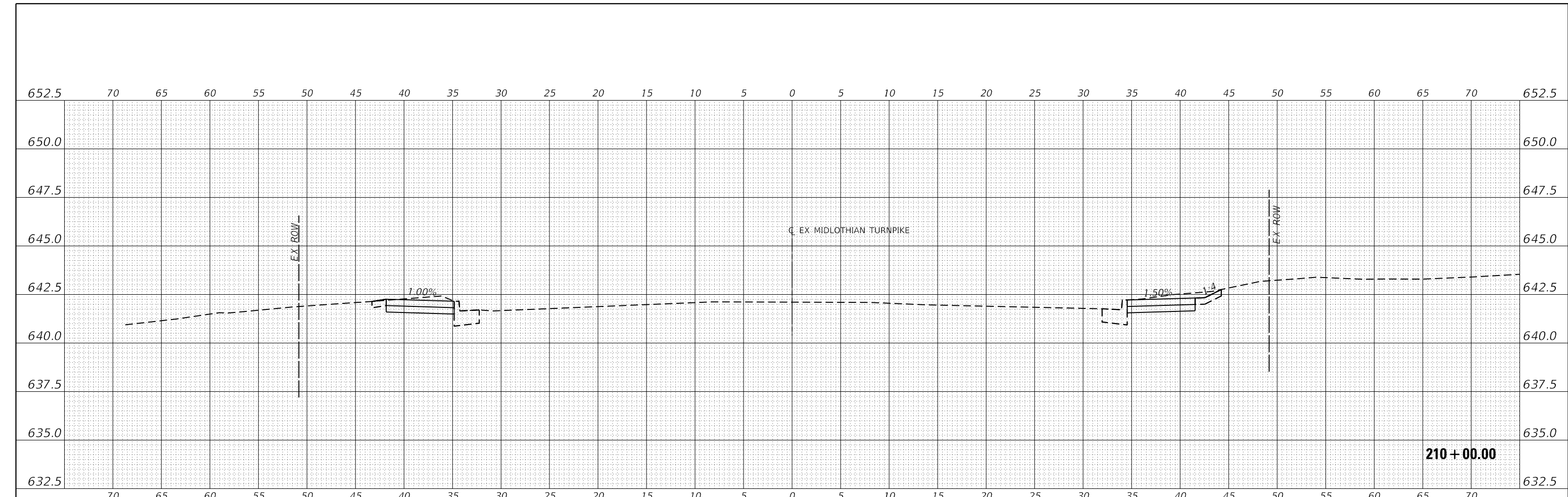
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=5'	
V: 1"=2.5'	
SHEET 7	OF 147 SHEETS
STA. 209+00.00 TO STA. 209+50.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	131
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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CADD FILE NAME	

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REVISIONS	
PROFILES	
GRADES	
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1011 WARRENVILLE ROAD, SUITE 375

 LISLE, ILLINOIS 60532

 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

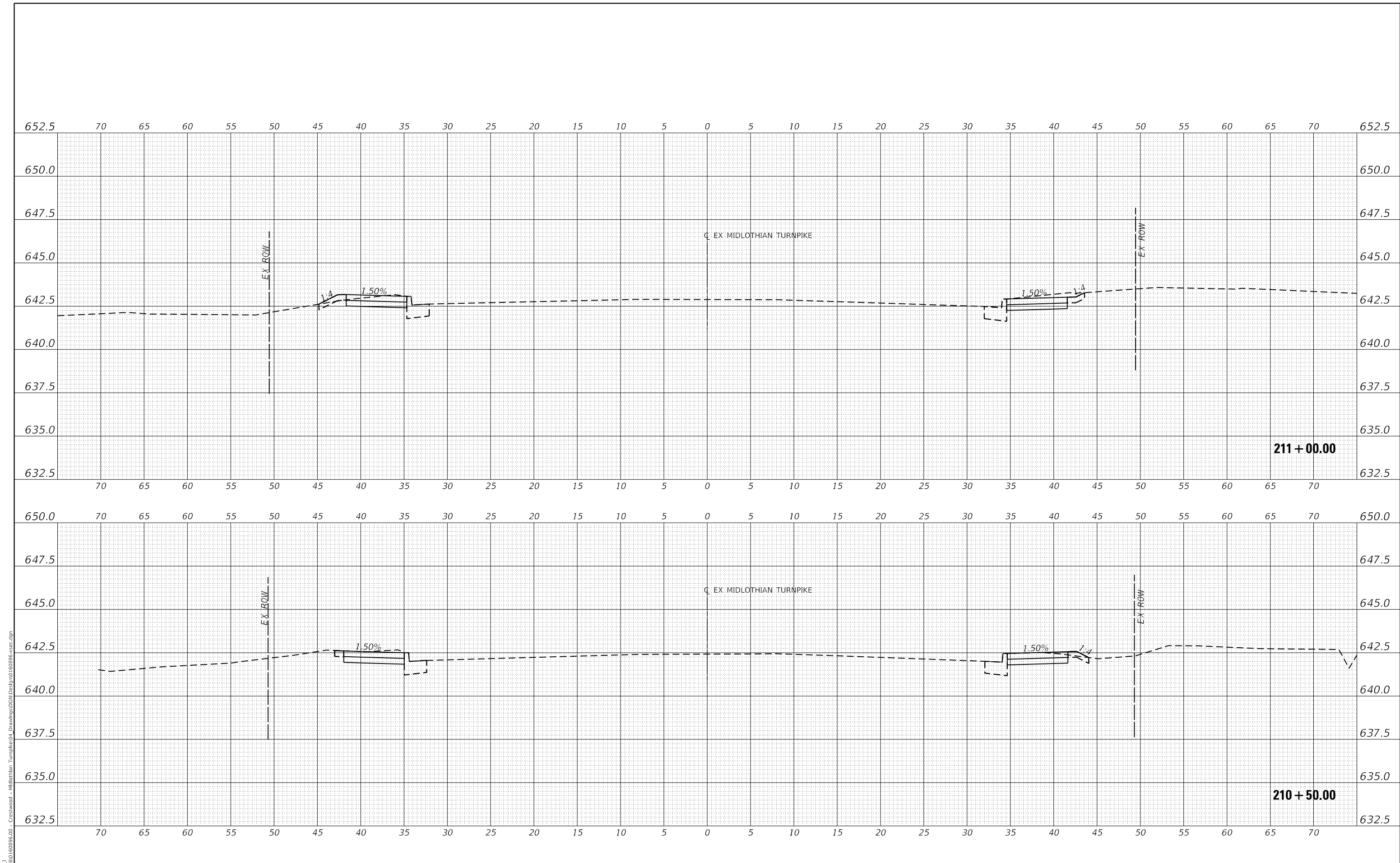
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=5' V: 1"=2.5'	SHEET 8 OF 147 SHEETS		STA. 209+56.84 TO STA. 210+00.00
	CROSS SECTIONS		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	132
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	
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REVISIONS	
PLANNED	
GRADES	
CHECKED	
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NOTE BOOK	
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STRUC/TYPE	
NOTATION	
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Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN MEP	REVISED -
PLOT DATE = 9/6/2022	CHECKED ERB	REVISED -
	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

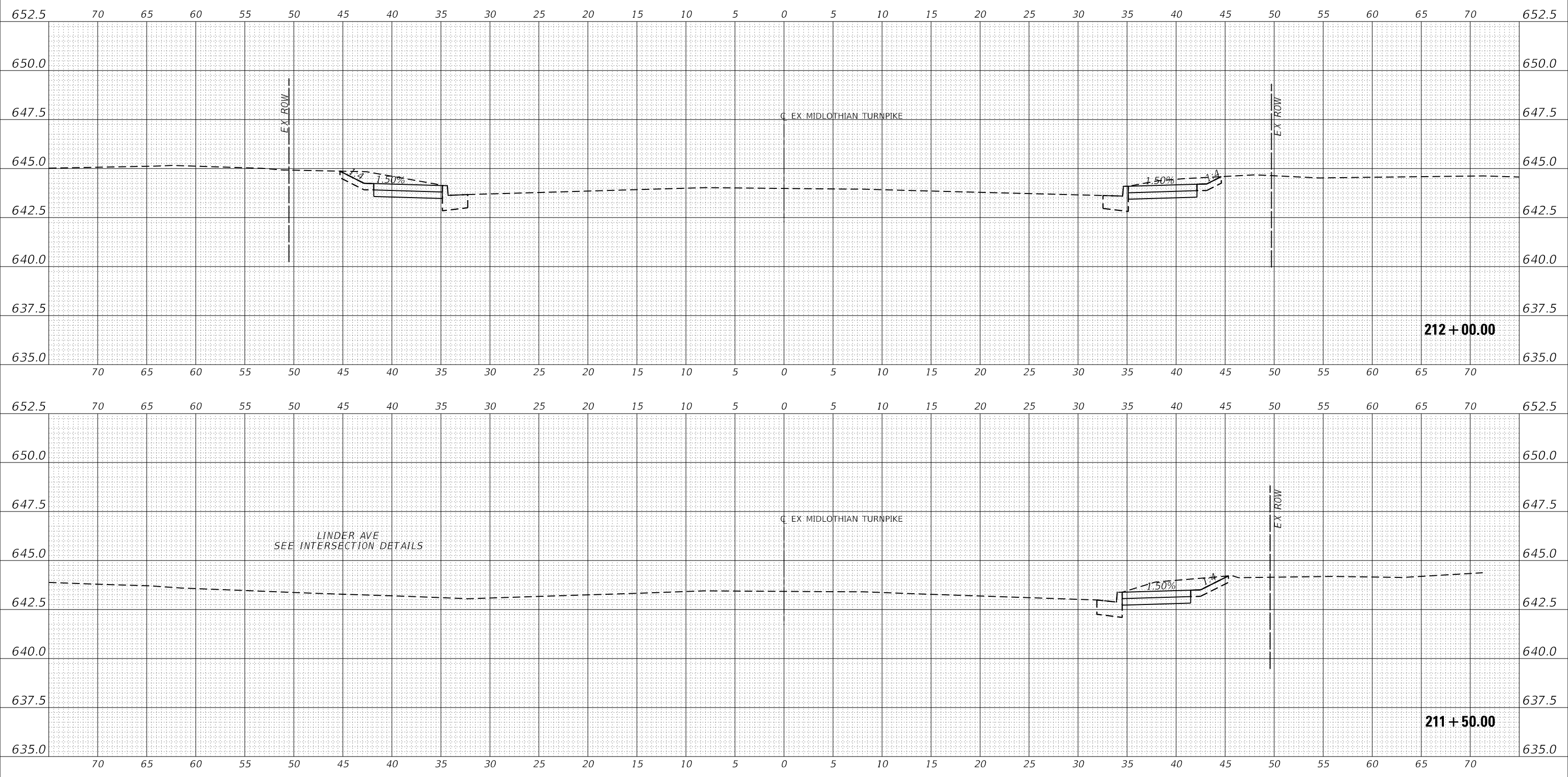
SCALE: H: 1"=5'		SHEET 9 OF 147 SHEETS	STA. 210+50.00 TO STA. 211+00.00
V: 1"=2.5'			

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	133
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
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GRADES	
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NOTE BOOK	
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PLOT SCALE	= 10.0000 ' / in.
PLOT DATE	= 9/6/2022

DESIGNED	MEP
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CHECKED	ERB
DATE	09/02/22

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REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=5'	
V: 1"=2.5'	
SHEET	10 OF 147 SHEETS
STA. 211+50.00 TO STA. 212+00.00	

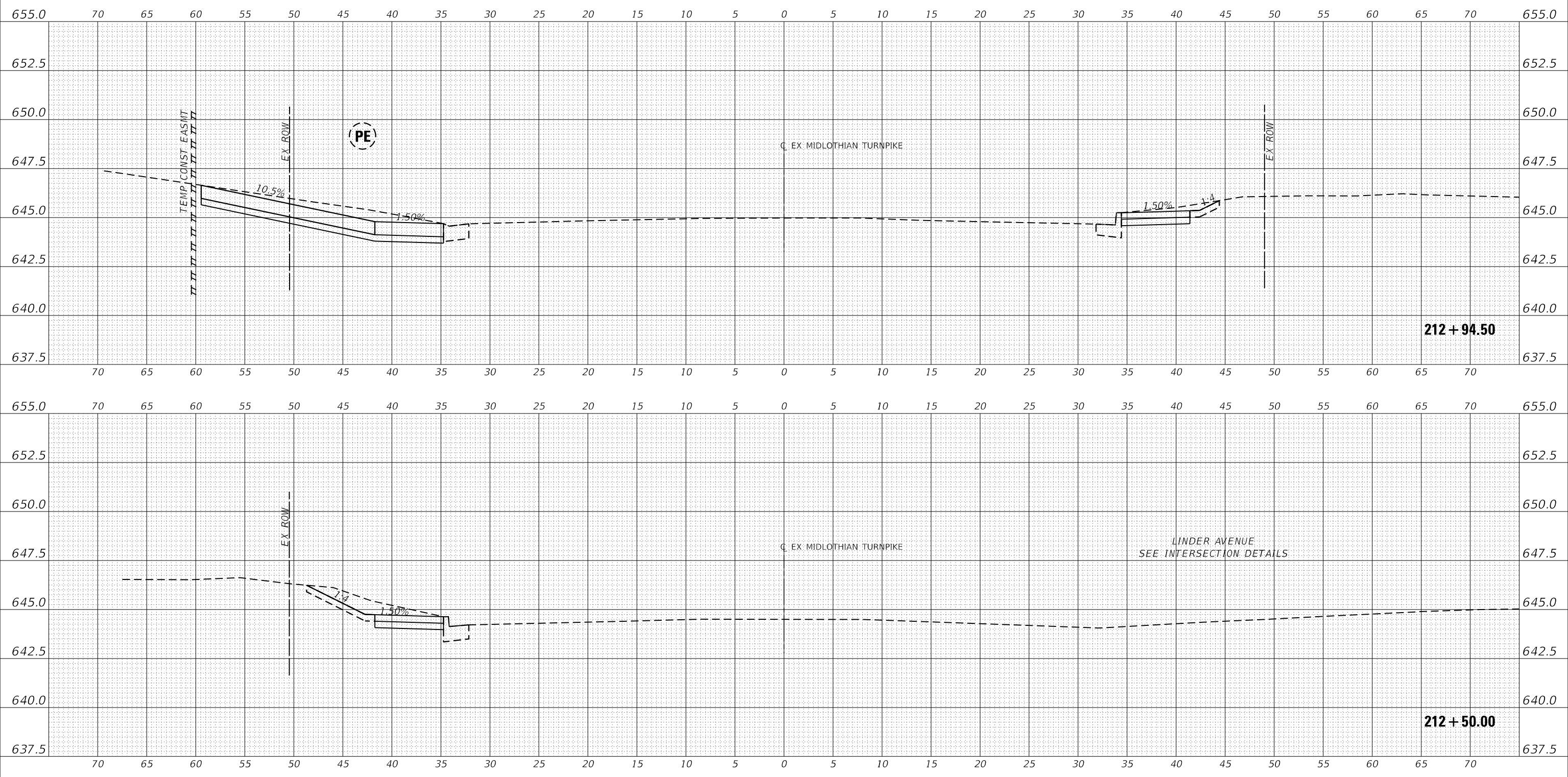
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	134
				CONTRACT NO. 61H12
				ILLINOIS FED. AID PROJECT

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NOTATION	
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MODEL: EXMIDCL_1
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PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

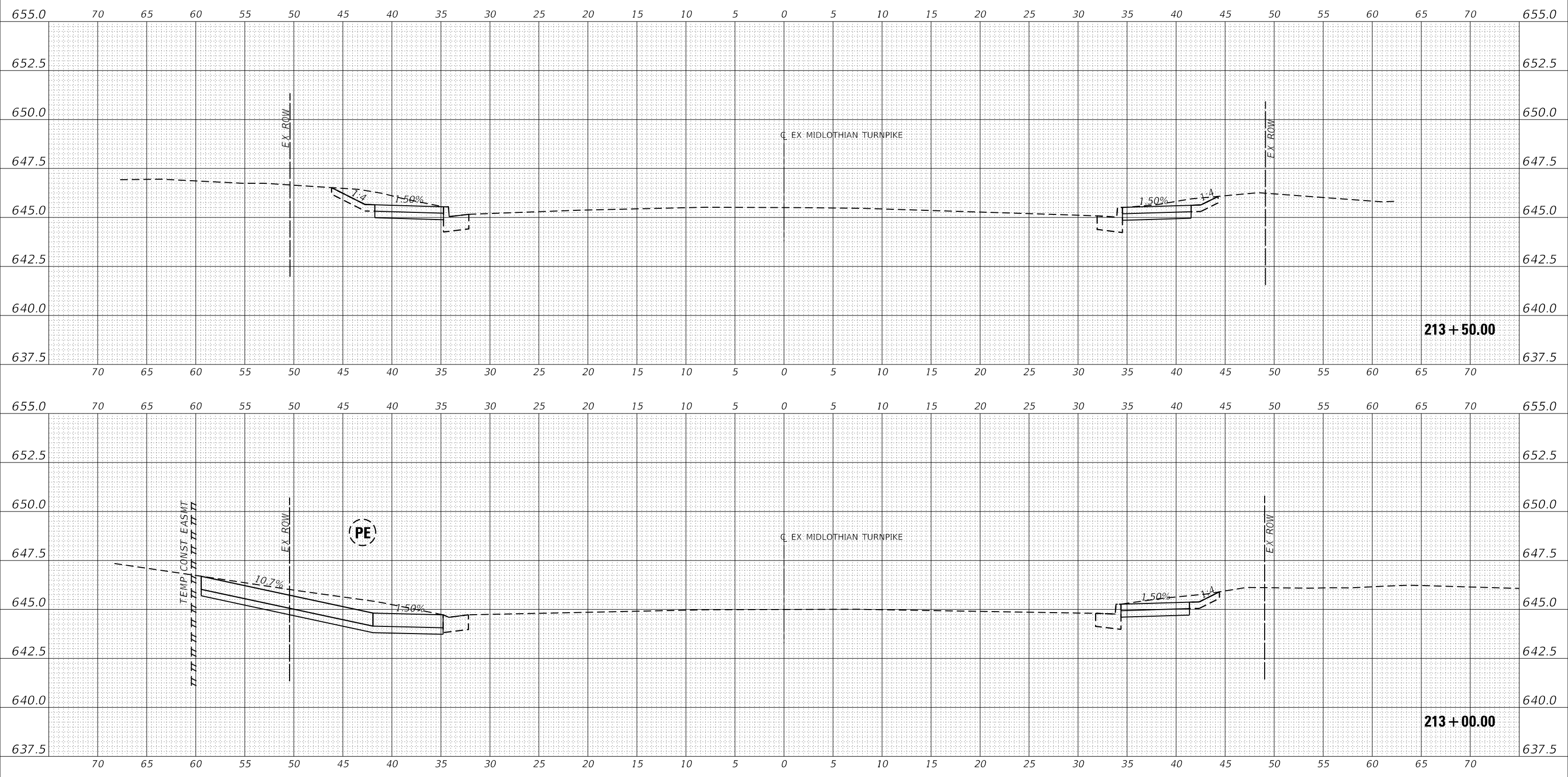
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V: 1"=2.5'	STA. 212+50.00 TO STA. 212+96.64

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	135
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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GRADES CHECKED	
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NOTE BOOK	
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STRUCTURE NOTATION	
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MODEL: EXMIDCL_1
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PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

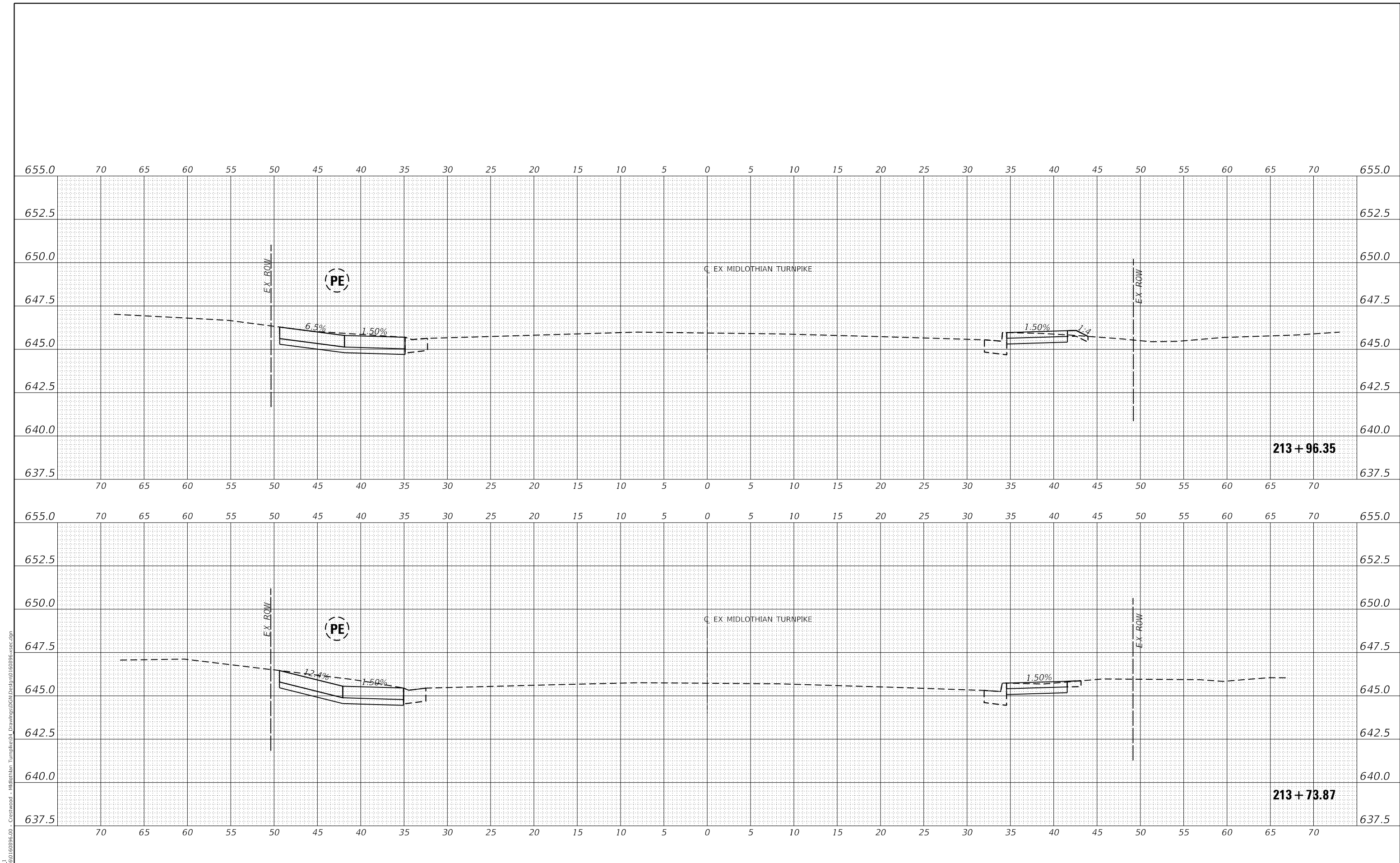
SCALE: H: 1"=5'	
V: 1"=2.5'	
SHEET	12 OF 147 SHEETS
STA. 213+00.00 TO STA. 213+50.00	

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	136
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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STRUCTURE	
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PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

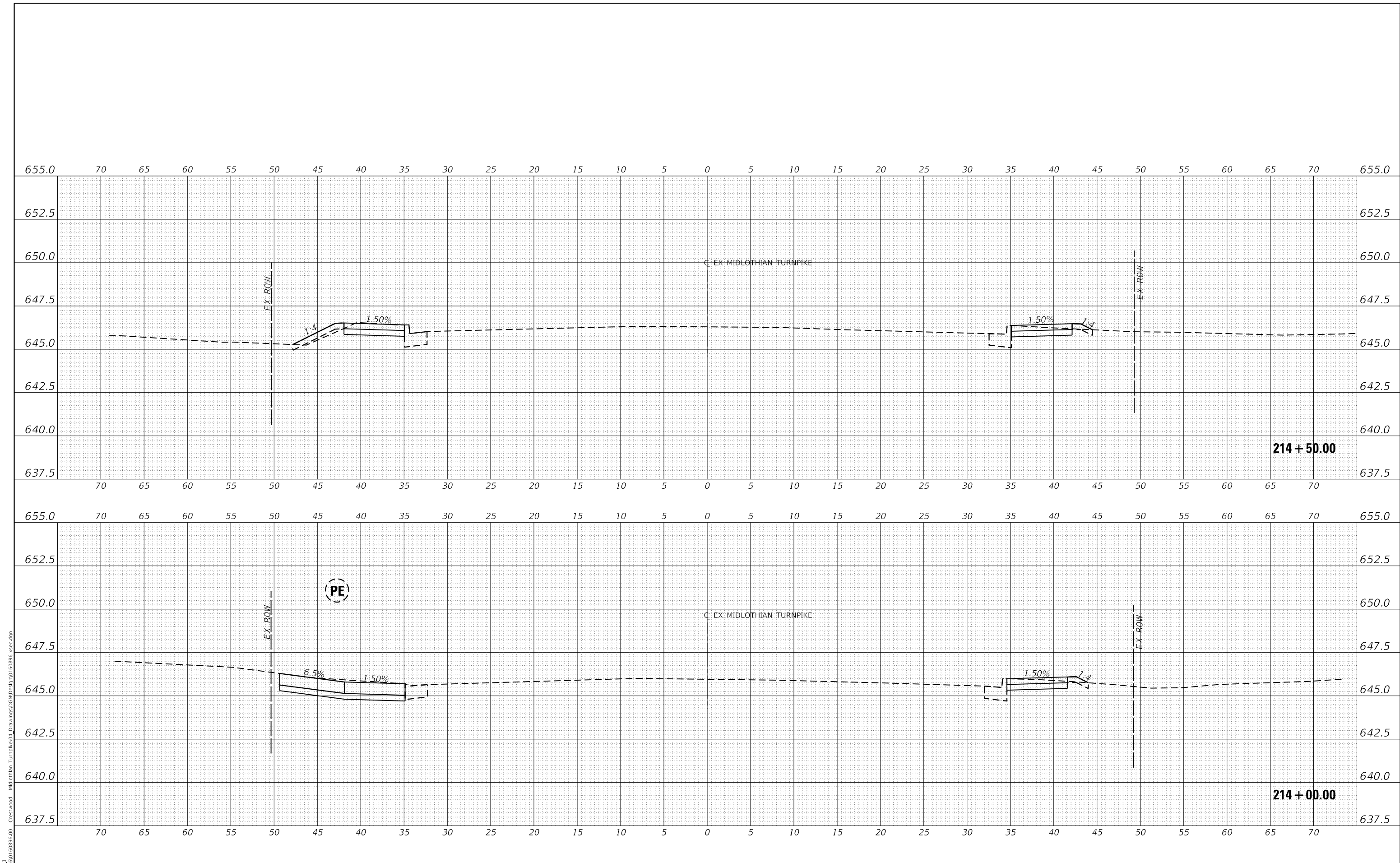
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 13 OF 147 SHEETS
V: 1"=2.5'	STA. 213+73.65 TO STA. 213+98.57

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	137
				CONTRACT NO. 61H12
ILLINOIS		FED. AID PROJECT		

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NOTE BOOK	
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CADD FILE NAME	

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REVISIONS	
PLANNED	
GRADES	
CHECKED	
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NOTE BOOK	
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STRUCTURE	
NOTATION	
CPWD	



Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

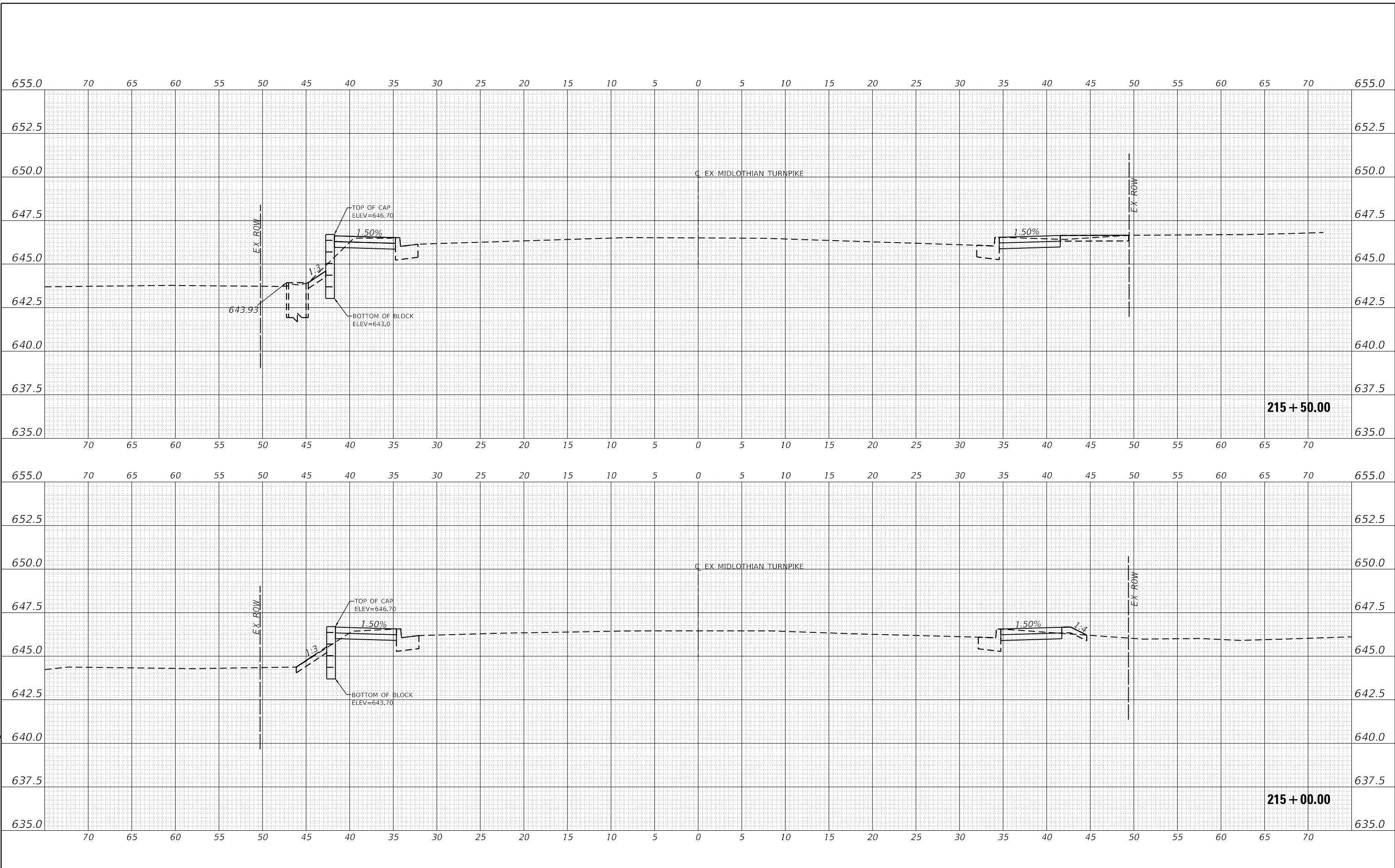
CROSS SECTIONS		
SCALE: H: 1"=5'	SHEET 14 OF 147 SHEETS	STA. 214+00.00 TO STA. 214+50.00
V: 1"=2.5'		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	138
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
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NOTE BOOK	
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CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
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NOTE BOOK	
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STRUCTURE	
NOTATION	
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MODEL: EXMIDCL_1
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		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

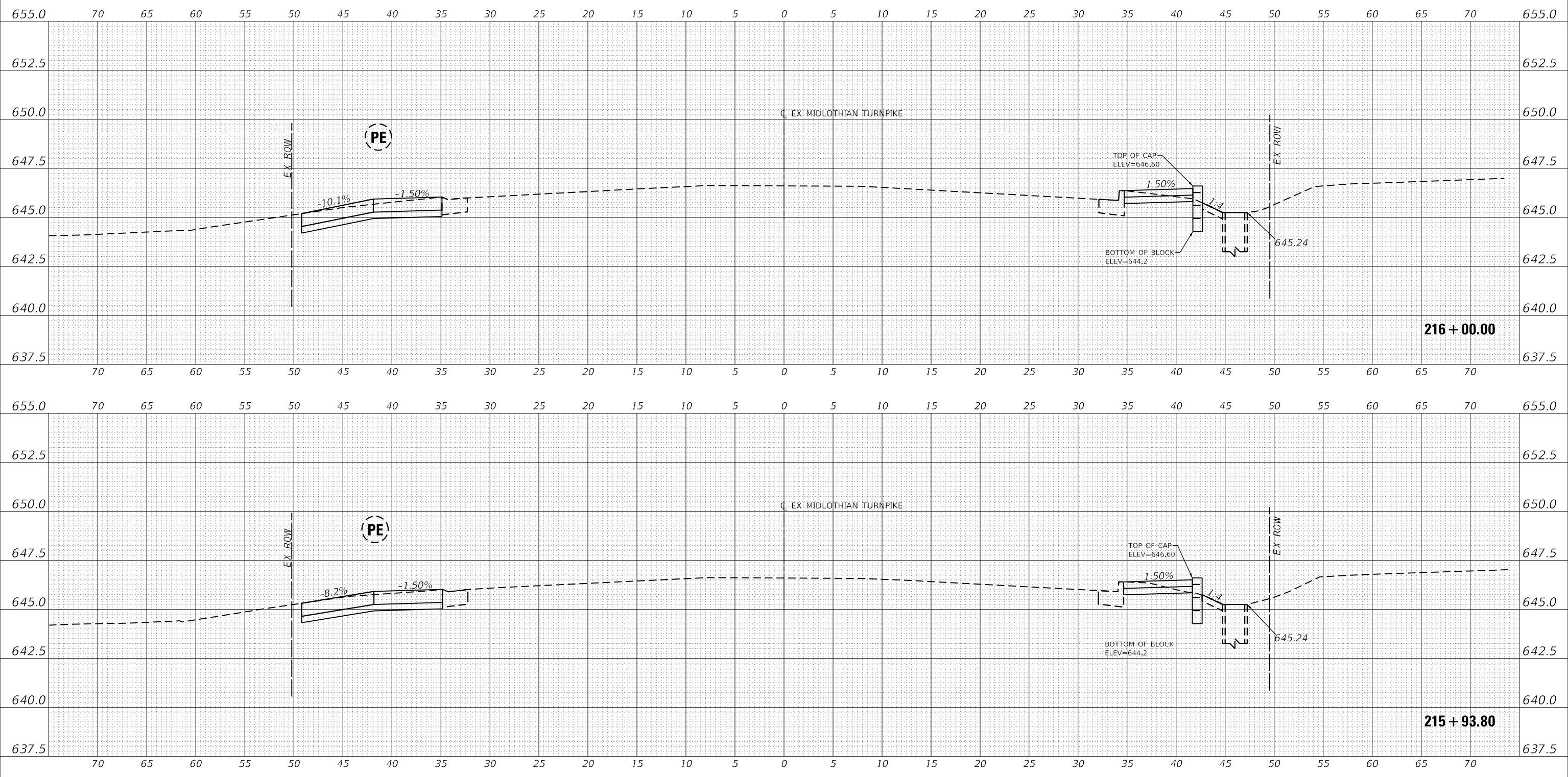
CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 15 OF 147 SHEETS
V: 1"=2.5'	STA. 215+00.00 TO STA. 215+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	139
				CONTRACT NO. 61H12
				ILLINOIS FED. AID PROJECT

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
NO.	
STRUCTURE	
NOTATION	
CPWD	

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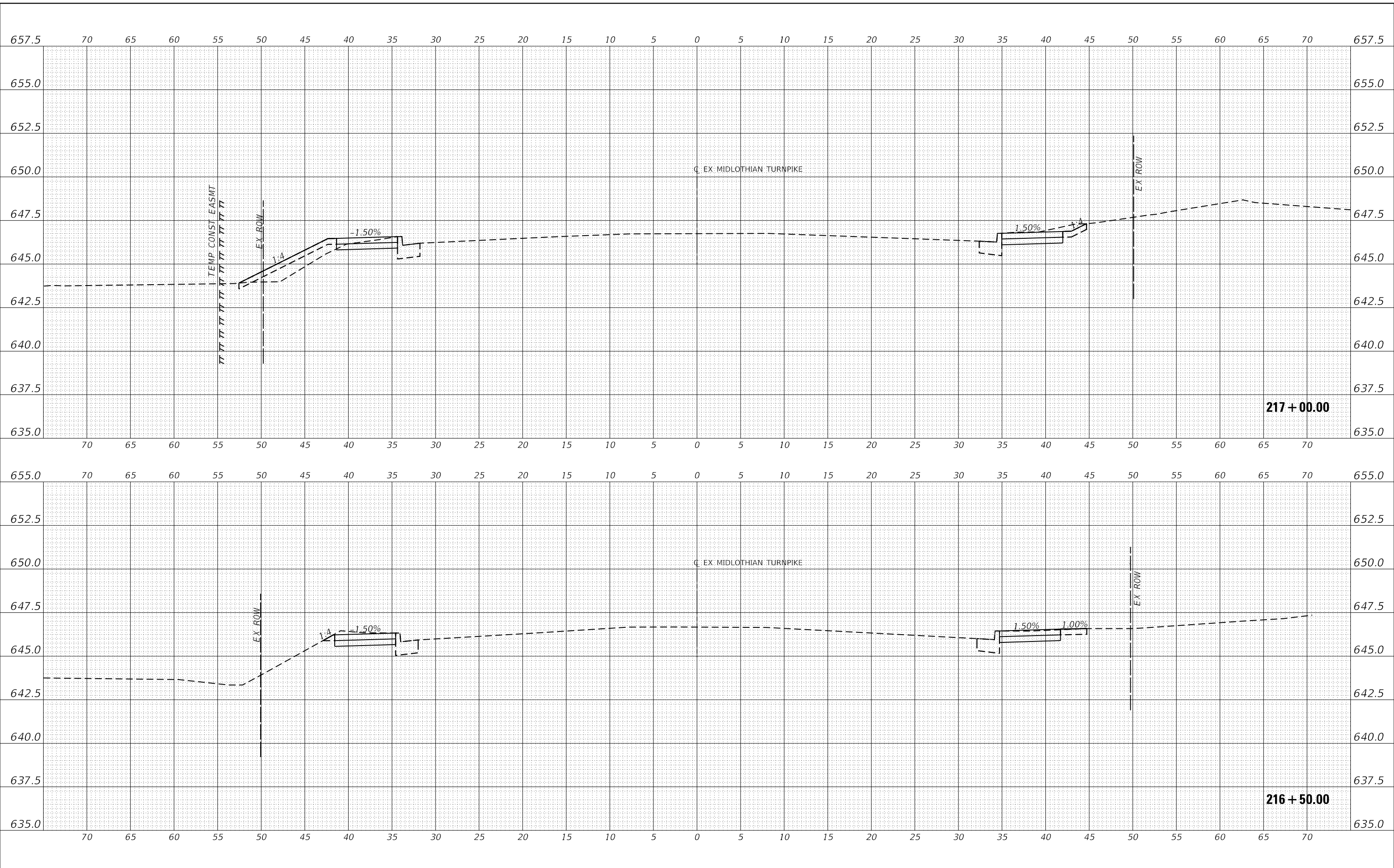


USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 16 OF 147 SHEETS
V: 1"=2.5'	STA. 215+93.69 TO STA. 216+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	140
				CONTRACT NO. 61H12
				ILLINOIS FED. AID PROJECT



DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
NOTE BOOK	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
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NOTE BOOK	
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CADD FILE NAME	

MODEL: EXMIDCL_1
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Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1"=5'	
V: 1"=2.5'	
SHEET	17 OF 147 SHEETS
STA. 216+50.00 TO STA. 217+00.00	

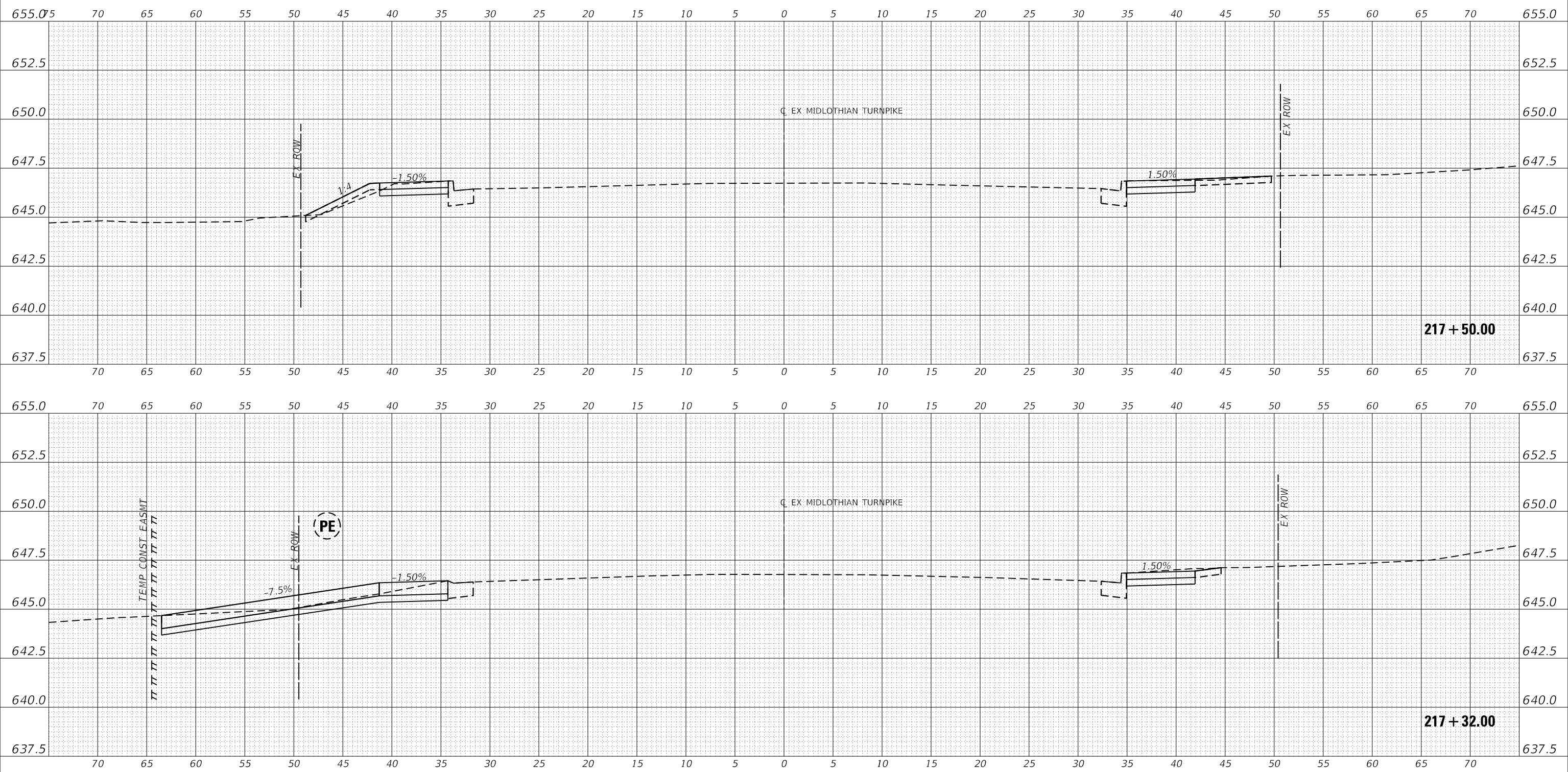
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	141
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
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NOTE BOOK	
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CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
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NOTE BOOK	
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CADD FILE NAME	

MODEL: EXMIDCL_1
 FILE NAME: J:\201601609\609-00 - Crestwood - Midlothian Turnpike\04 - Drawings\04 - Design\01609-00-sec.dwg



USER NAME = dreimer
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 9/6/2022

DESIGNED MEP
 DRAWN MEP
 CHECKED ERB
 DATE 09/02/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

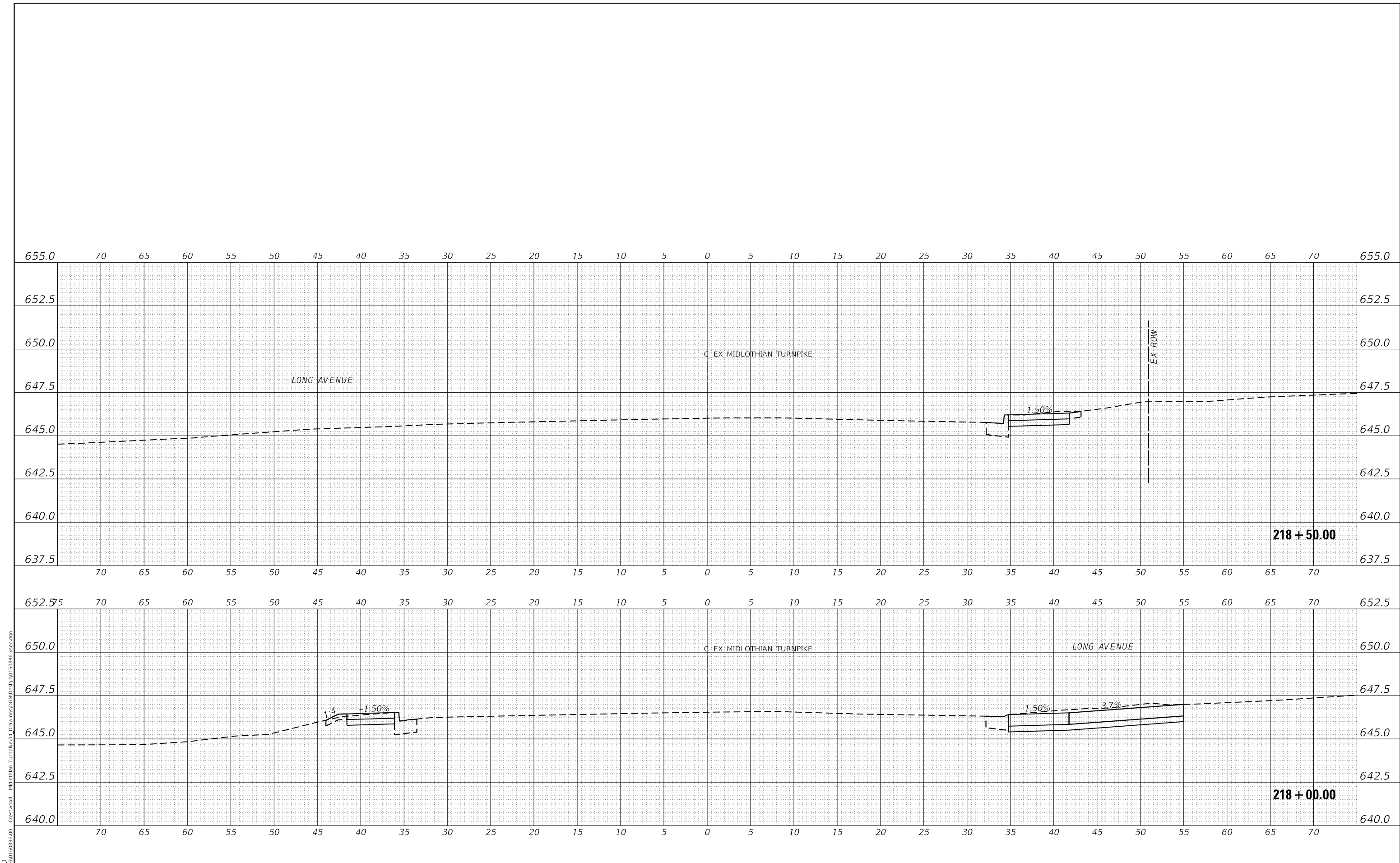
SCALE: H: 1" = 5'
 V: 1" = 2.5'
 SHEET 18 OF 147 SHEETS
 STA. 217+30.48 TO STA. 217+50.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	142
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
PLANNED	
ALIGNED	
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NOTE BOOK	
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CADD FILE NAME	

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BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
NO.	
NOTE BOOK	
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CADD FILE NAME	



MODEL: EXMIDCL_1
 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\160996-sec.dgn



USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

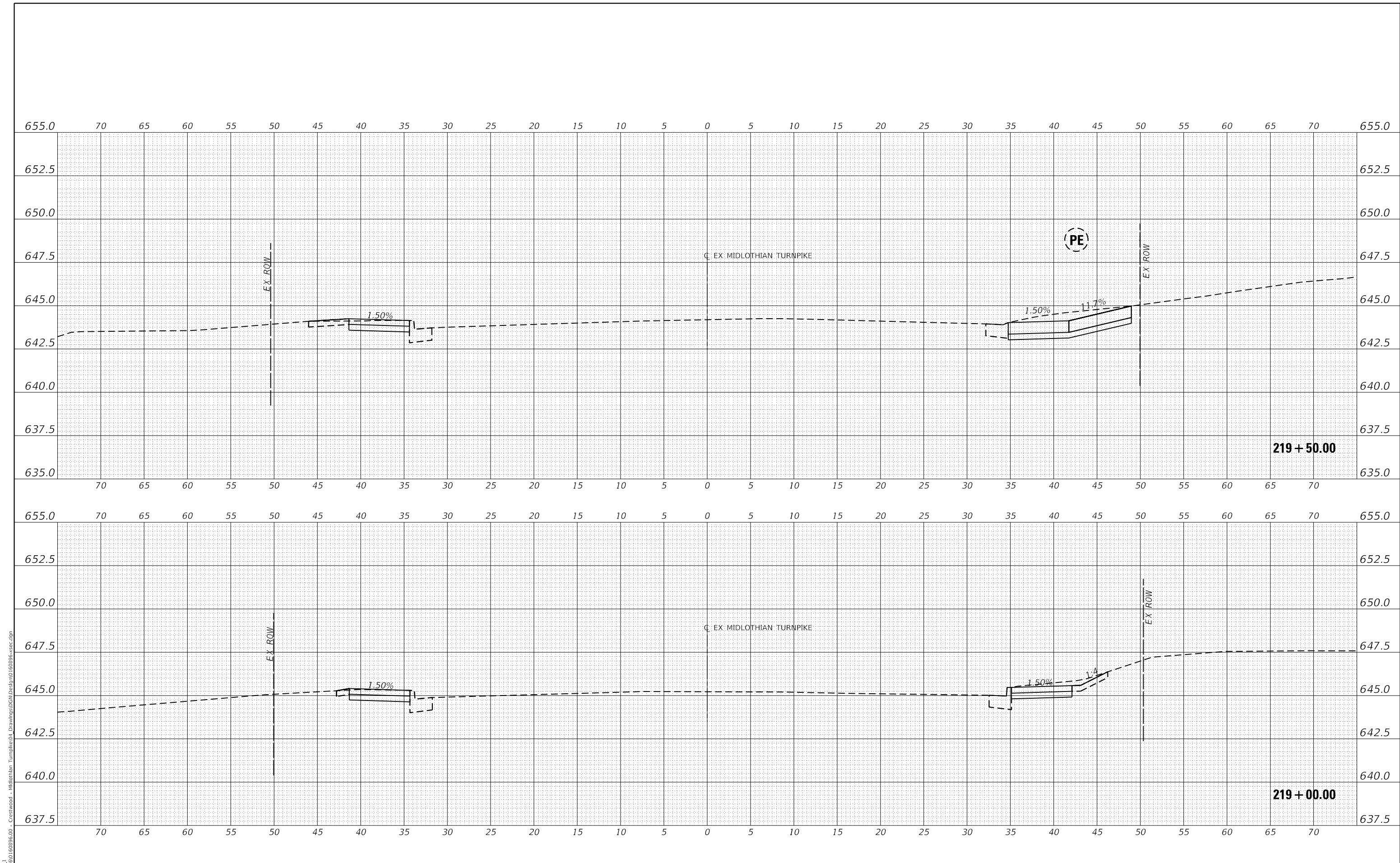
SCALE: H: 1" = 5'		SHEET 19 OF 147 SHEETS	STA. 218+00.00 TO STA. 218+50.00
V: 1" = 2.5'			

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	143
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
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NOTE BOOK	
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CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
STRUCTURE	
NO.	
NOTE BOOK	
NO.	
CADD FILE NAME	



MODEL: EXMIDCL_1
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USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000" / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

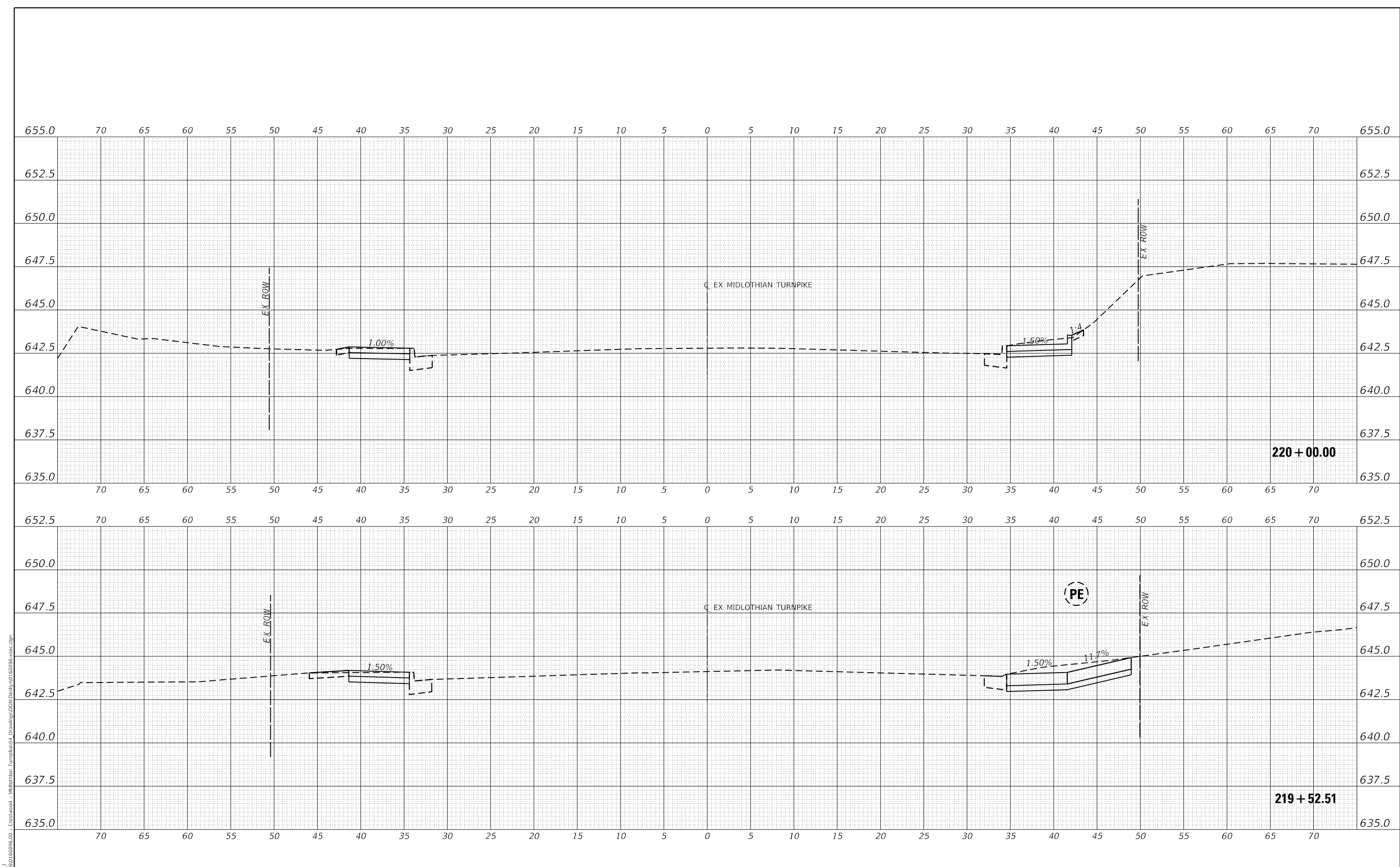
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 20 OF 147 SHEETS
V: 1"=2.5'	STA. 219+00.00 TO STA. 219+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	144
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
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NOTE BOOK	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
STRUCTURE	
NO.	
NOTE BOOK	
CADD FILE NAME	



MODEL: EXMIDCL_1
 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 Drawings\04\Design\160996-sec.dgn

USER NAME	= dreimer
DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22
REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-

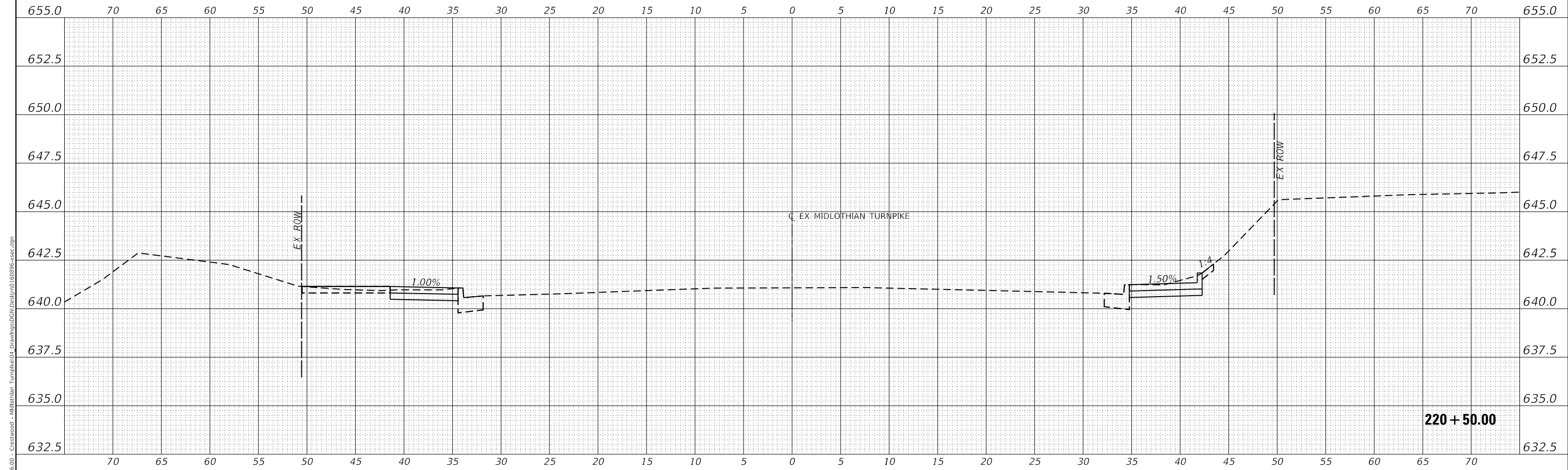
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 21 OF 147 SHEETS
V: 1"=2.5'	STA. 219+52.65 TO STA. 220+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	145
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

PLAN	REVISIONS	DATE
	NOTED	
NOTE BOOK NO.	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION	
	BY	
	DATE	

PROFILE	REVISIONS	DATE
	NOTED	
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATION	
	BY	
	DATE	



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 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN MEP	REVISED -
PLOT DATE = 9/6/2022	CHECKED ERB	REVISED -
	DATE 09/02/22	REVISED -

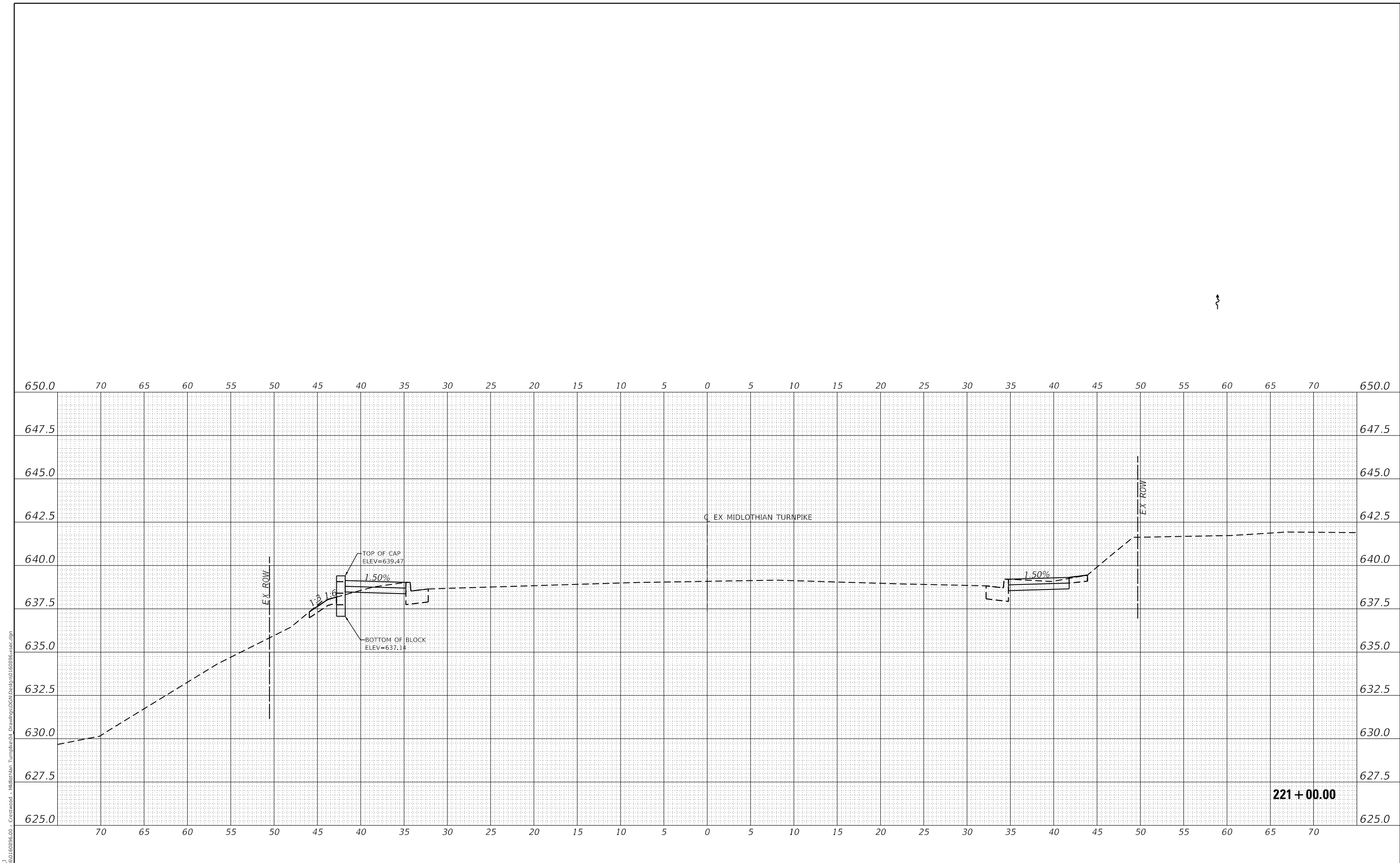
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1" = 5' V: 1" = 2.5'	SHEET 22 OF 147 SHEETS
STA. 220+50.00 TO STA. 220+50.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	146
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

PLAN	REVISIONS	DATE
NOTE BOOK NO.	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION	
	CADD FILE NAME	

PROFILE	REVISIONS	DATE
NOTE BOOK NO.	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATION	



MODEL: EXMIDCL_1
FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\0160996-sec.dgn

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1011 WARRENVILLE ROAD, SUITE 375
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(630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

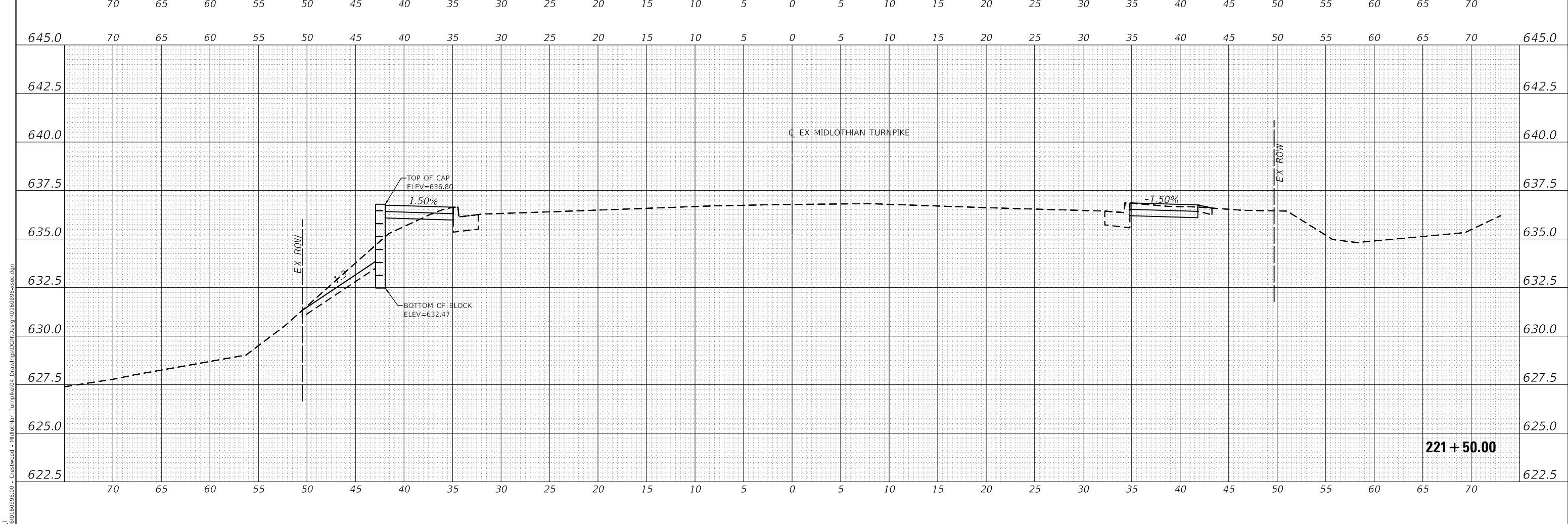
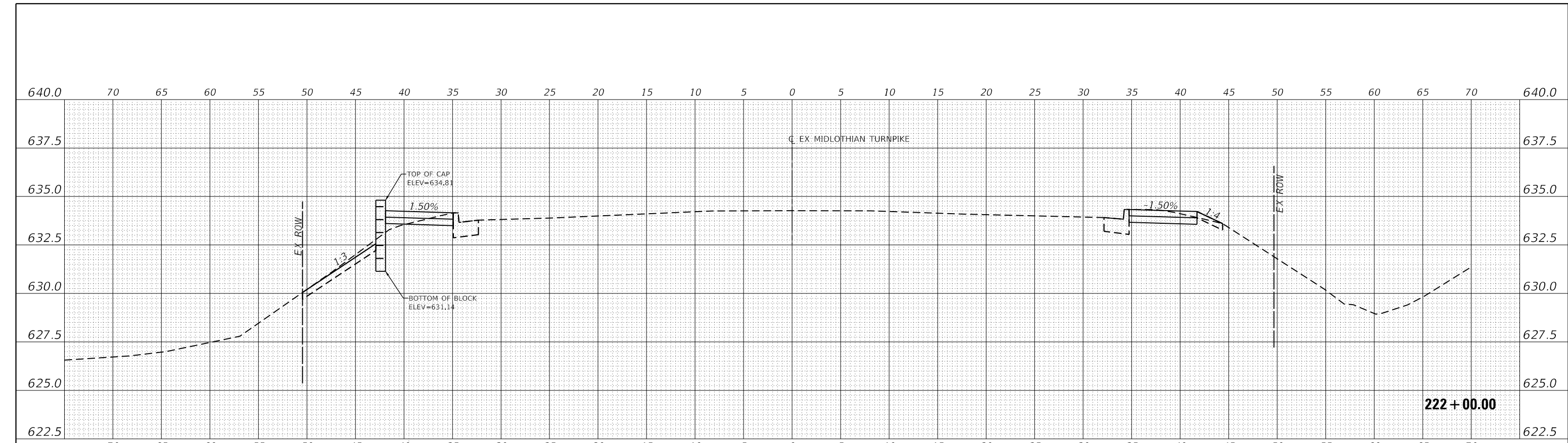
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1" = 5' V: 1" = 2.5'	SHEET 23 OF 147 SHEETS STA. 221+00.00 TO STA. 221+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	147
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
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NO.	
NOTE BOOK	
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CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
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NOTE BOOK	
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STRUCTURE	
NOTATION	
CPWD	



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 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
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USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

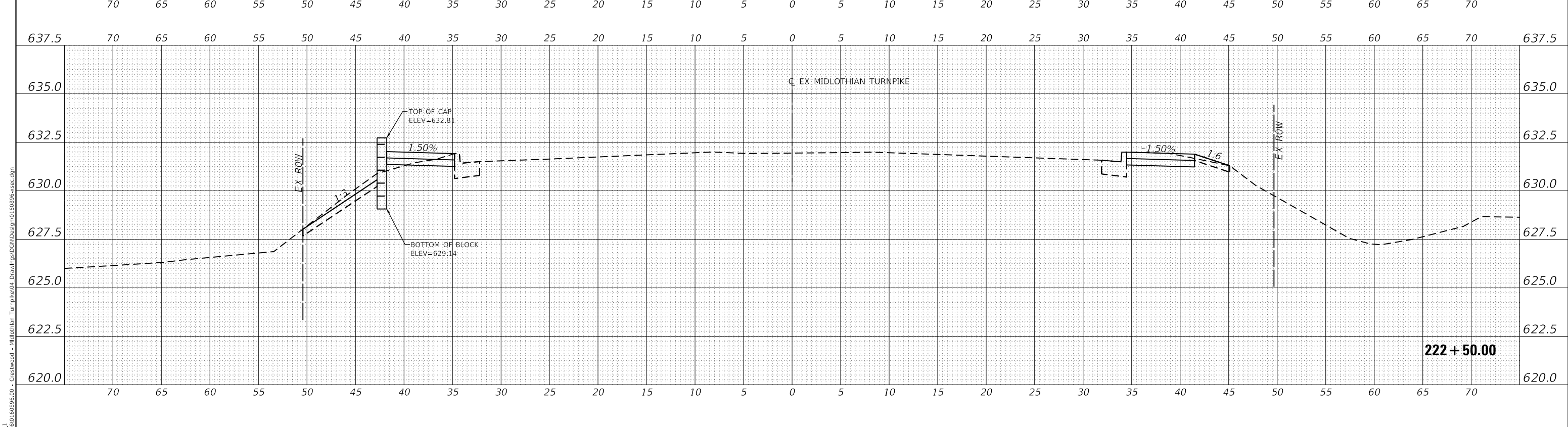
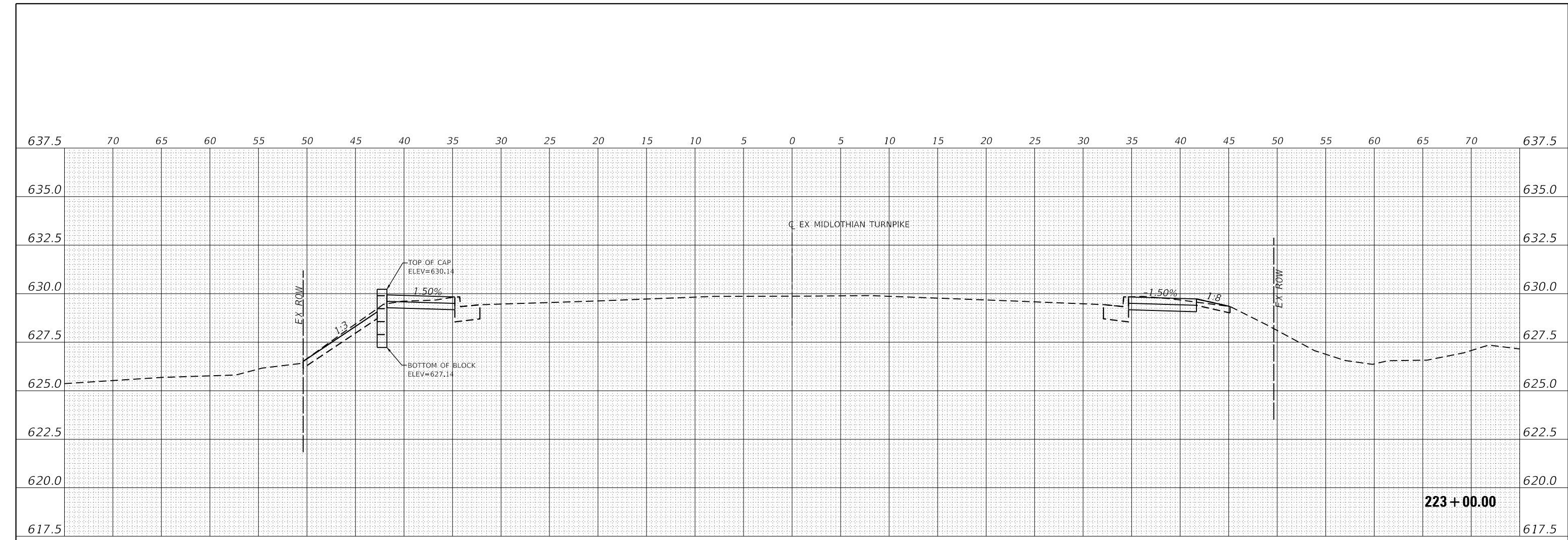
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 24 OF 147 SHEETS
V: 1"=2.5'	STA. 221+50.00 TO STA. 222+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	148
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
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NOTE BOOK	
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CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
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NO.	
NOTE BOOK	
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STRUCTURE	
NOTATION	
CPWD	



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 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

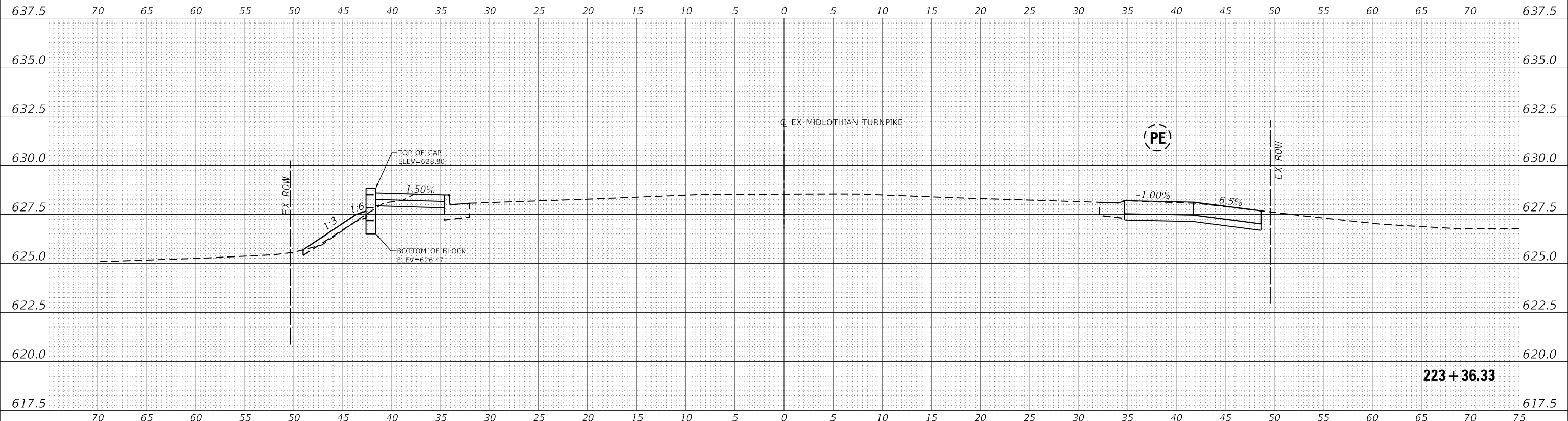
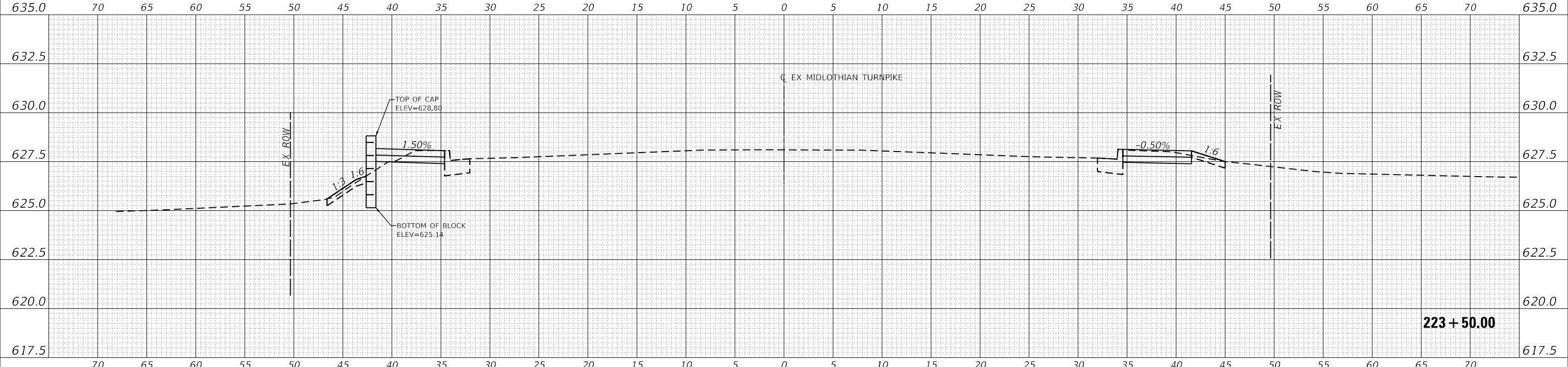
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1" = 5'	SHEET 25 OF 147 SHEETS
V: 1" = 2.5'	STA. 222+50.00 TO STA. 223+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	149
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
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NO. _____	
NOTE BOOK	
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CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
STRUCTURE NOTATIONS	
NO. _____	
NOTE BOOK	
NO. _____	



MODEL: EXMIDCL_1
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PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H: 1" = 5'	
V: 1" = 2.5'	
SHEET 26	OF 147 SHEETS
STA. 223+37.24 TO STA. 223+50.00	

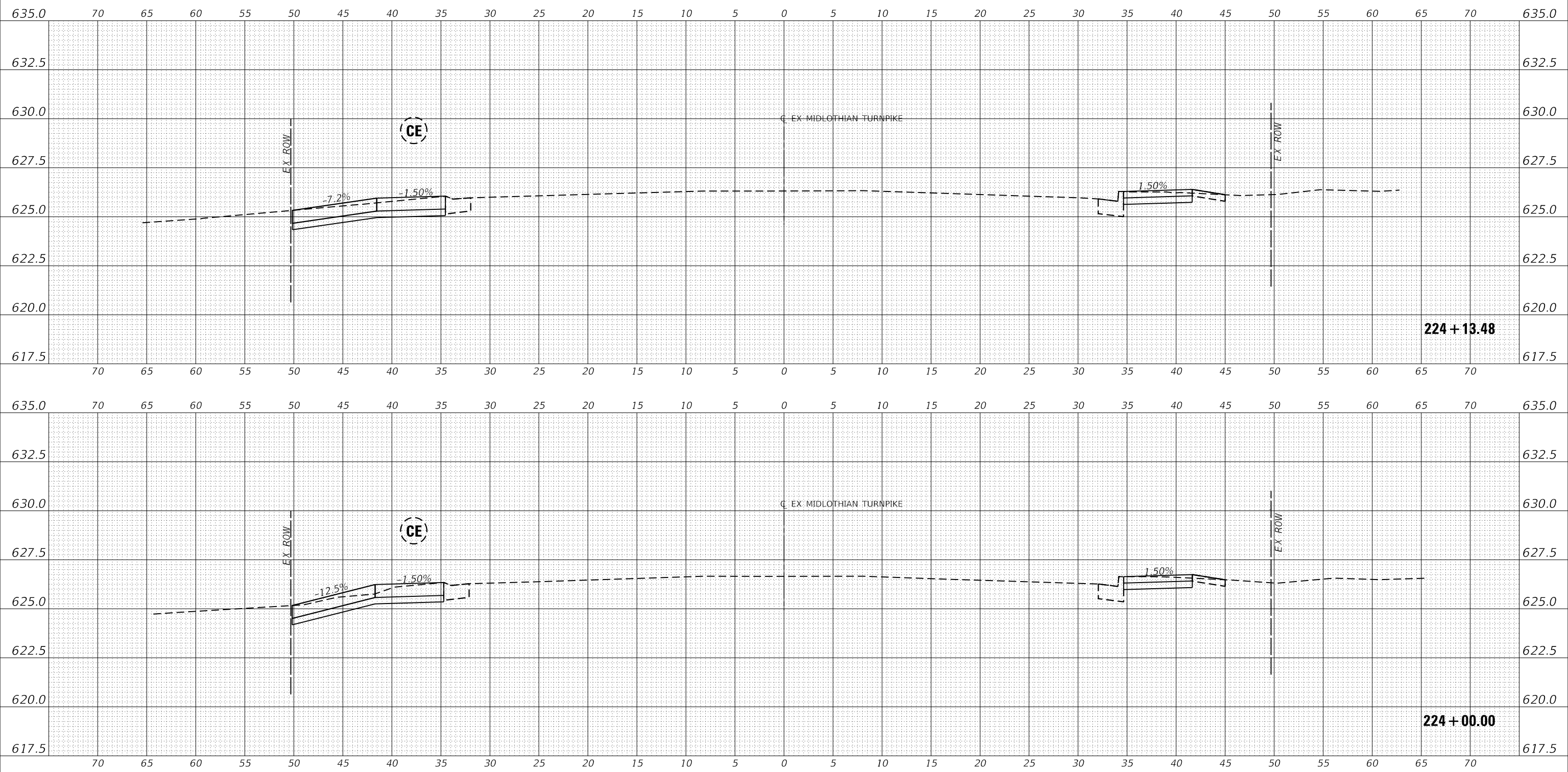
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	150
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
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NOTE BOOK	
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DATE	
BY	
REVISIONS	
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GRADES	
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NOTE BOOK	
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STRUCTURE	
NOTATION	
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MODEL: EXMIDCL_1
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USER NAME = dreimer
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 9/6/2022

DESIGNED MEP
 DRAWN MEP
 CHECKED ERB
 DATE 09/02/22

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

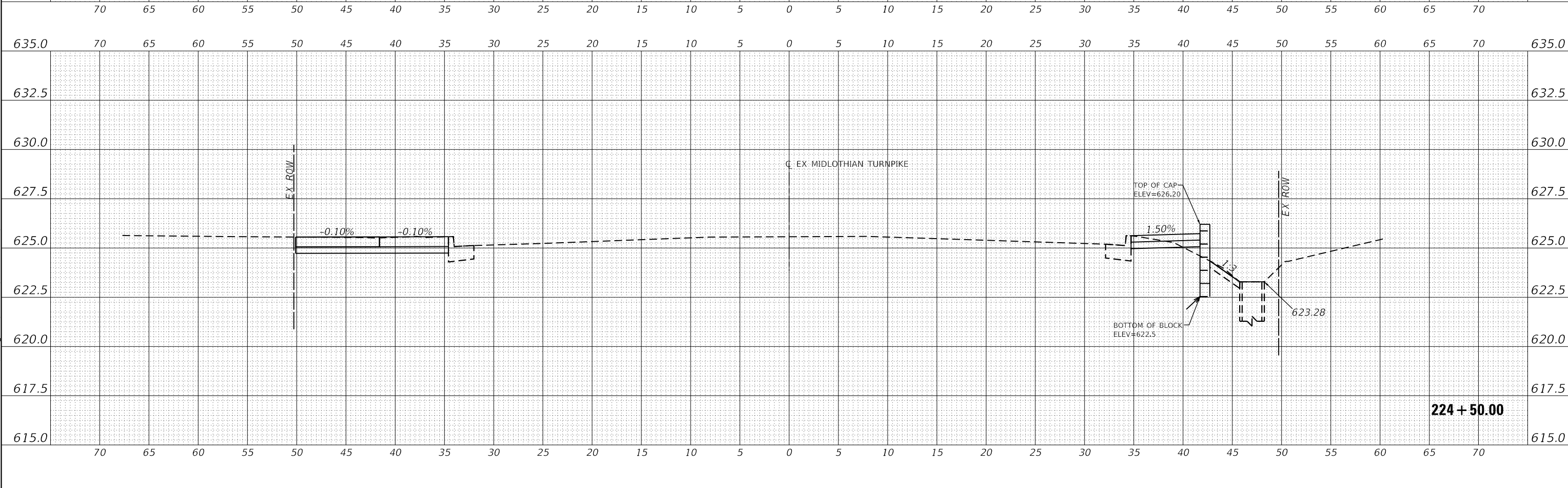
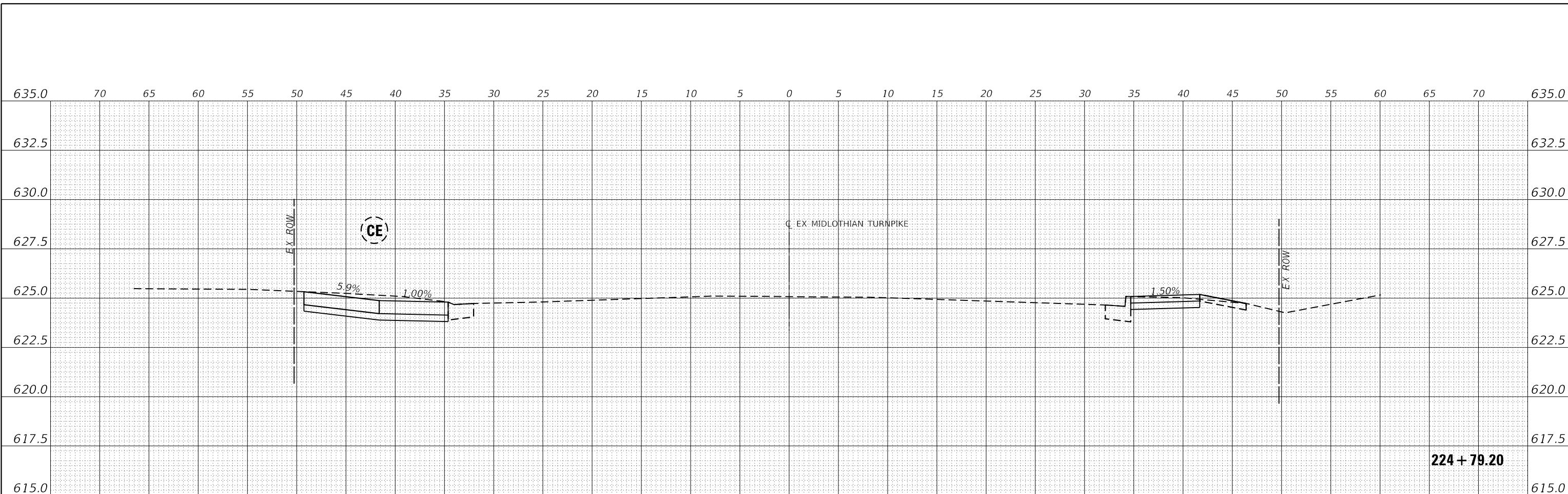
CROSS SECTIONS
 SCALE: H: 1"=5', V: 1"=2.5'
 SHEET 27 OF 147 SHEETS
 STA. 224+00.00 TO STA. 224+13.48

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	151
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
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NOTE BOOK	
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FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
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NOTE BOOK	
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FILE NAME	

MODEL: EXMIDCL_1
 FILE NAME: J:\20160160996\00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\0160996-sec.dgn



Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1" = 5' V: 1" = 2.5'		SHEET	28	OF	147	SHEETS	STA. 224+50.00 TO STA. 224+79.83
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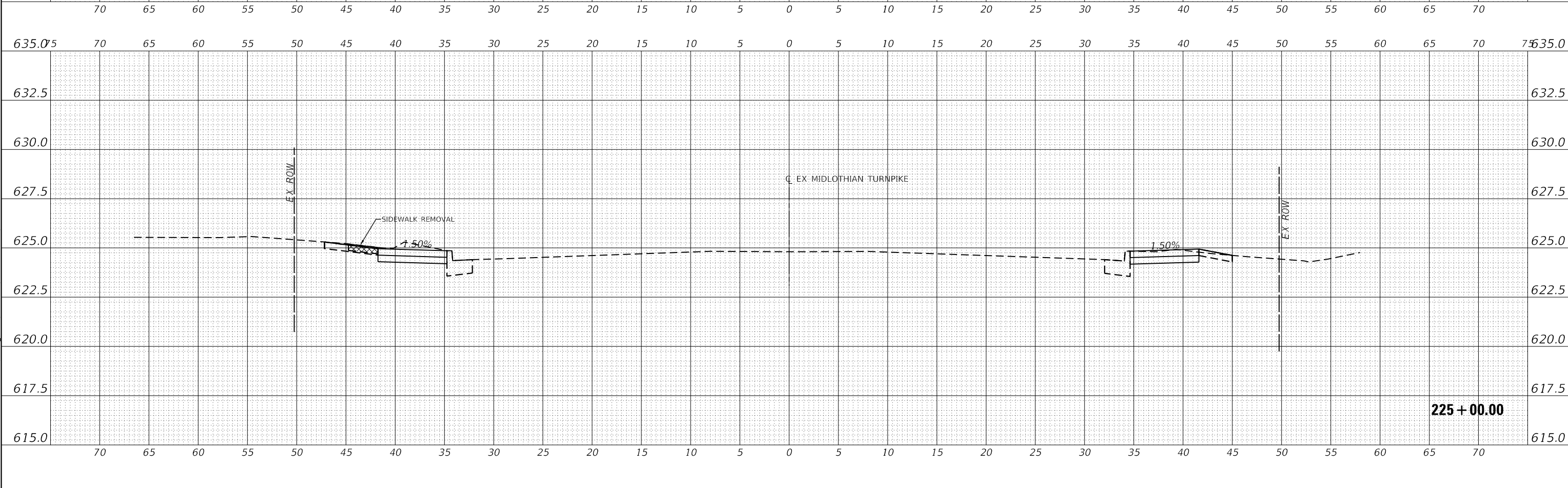
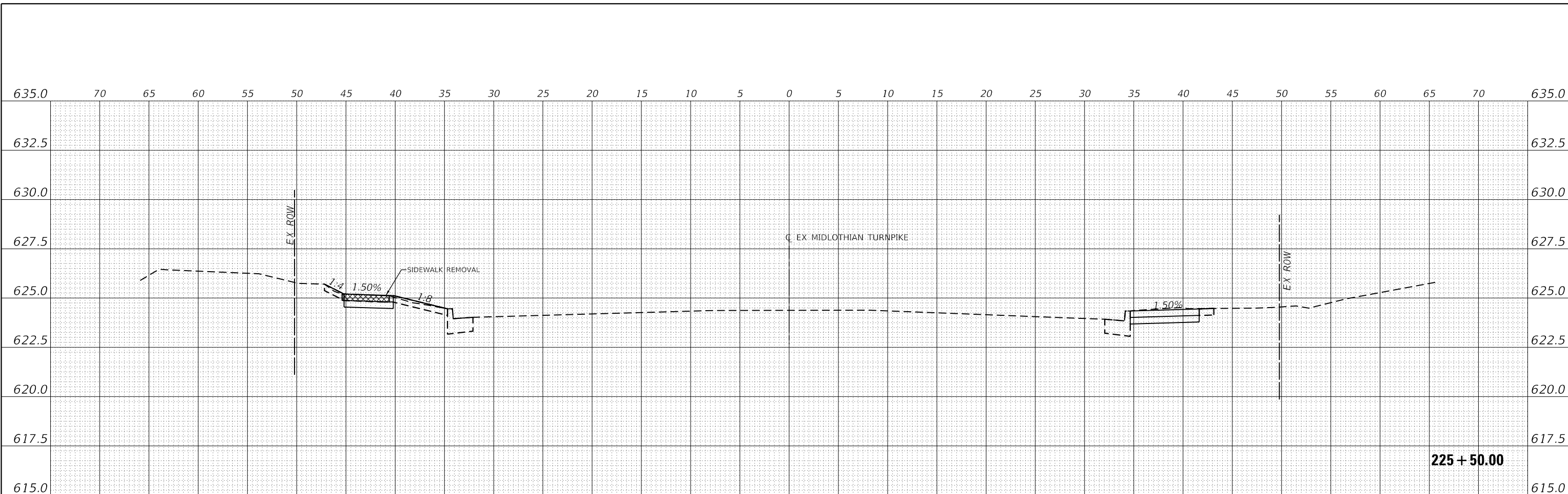
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	142
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

REVISIONS	DATE
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NOTE BOOK	
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REVISIONS	DATE
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DATE	
PROFILE	
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NOTE BOOK	
CADD FILE NAME	

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 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\0160996-sec.dgn



Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

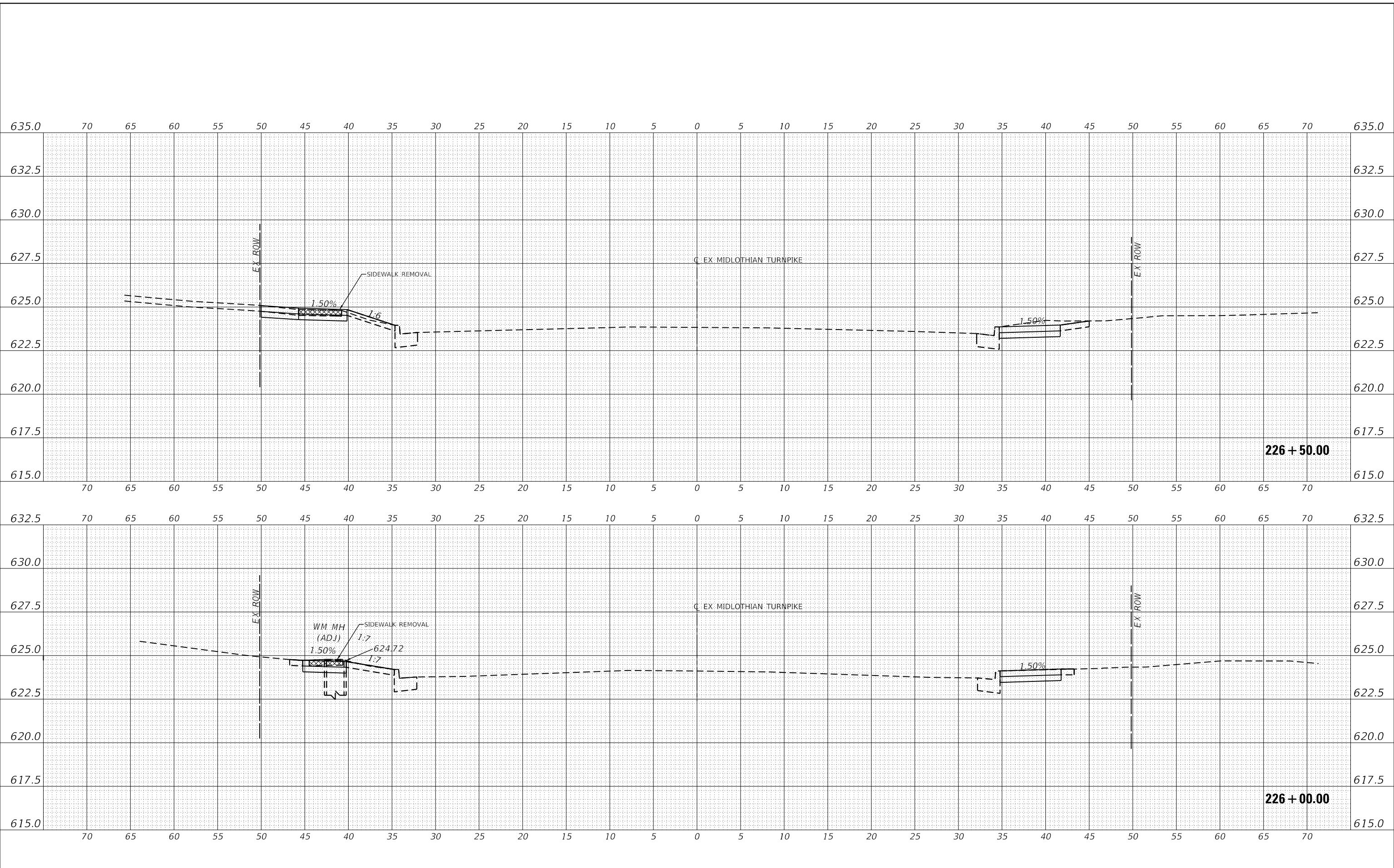
CROSS SECTIONS	
SCALE: H: 1" = 5' V: 1" = 2.5'	SHEET 29 OF 147 SHEETS
STA. 225+00.00 TO STA. 225+50.00	

F.A.U. RTE. 1600	SECTION 15-00036-00-BT	COUNTY COOK	TOTAL SHEETS 271	SHEET NO. 153
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
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PLAN	
NOTE BOOK	
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CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
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PROFILE	
NOTE BOOK	
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STRUCTURE	
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MODEL: E:\MIDCL_1
 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\0160996-sec.dwg



USER NAME = dreimer
 PLOT SCALE = 10.0000" / in.
 PLOT DATE = 9/6/2022

DESIGNED MEP
 DRAWN MEP
 CHECKED ERB
 DATE 09/02/22

REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H: 1" = 5'
 V: 1" = 2.5'
 SHEET 30 OF 147 SHEETS
 STA. 226+00.00 TO STA. 226+50.00

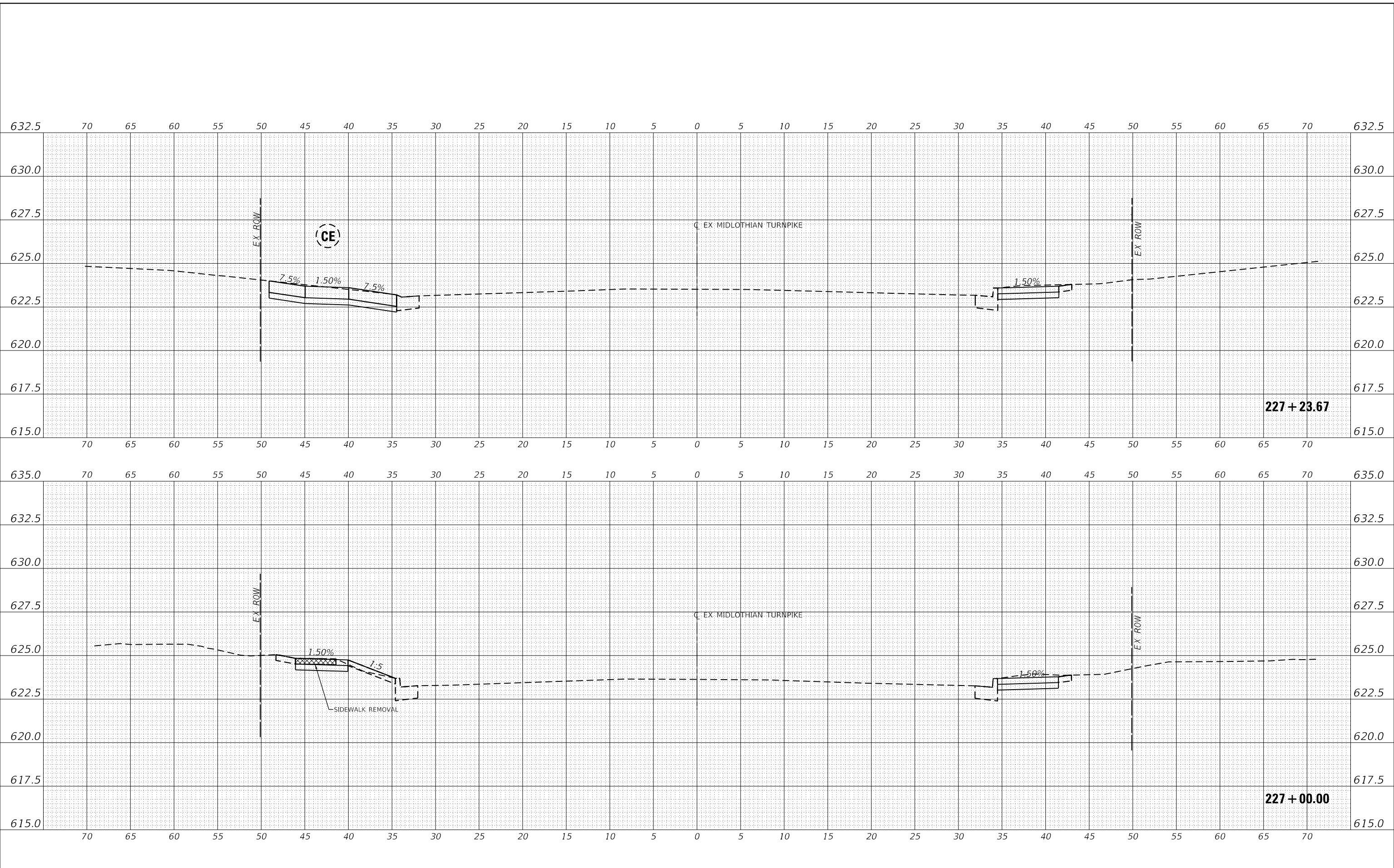
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	154
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
CHECKED	
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CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
CHECKED	
NO.	
CADD FILE NAME	

MODEL: E:\MIDCL_1
 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\160996-sec.dgn



USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=5'	SHEET 31 OF 147 SHEETS	STA. 227+00.00 TO STA. 227+23.94
V: 1"=2.5'		

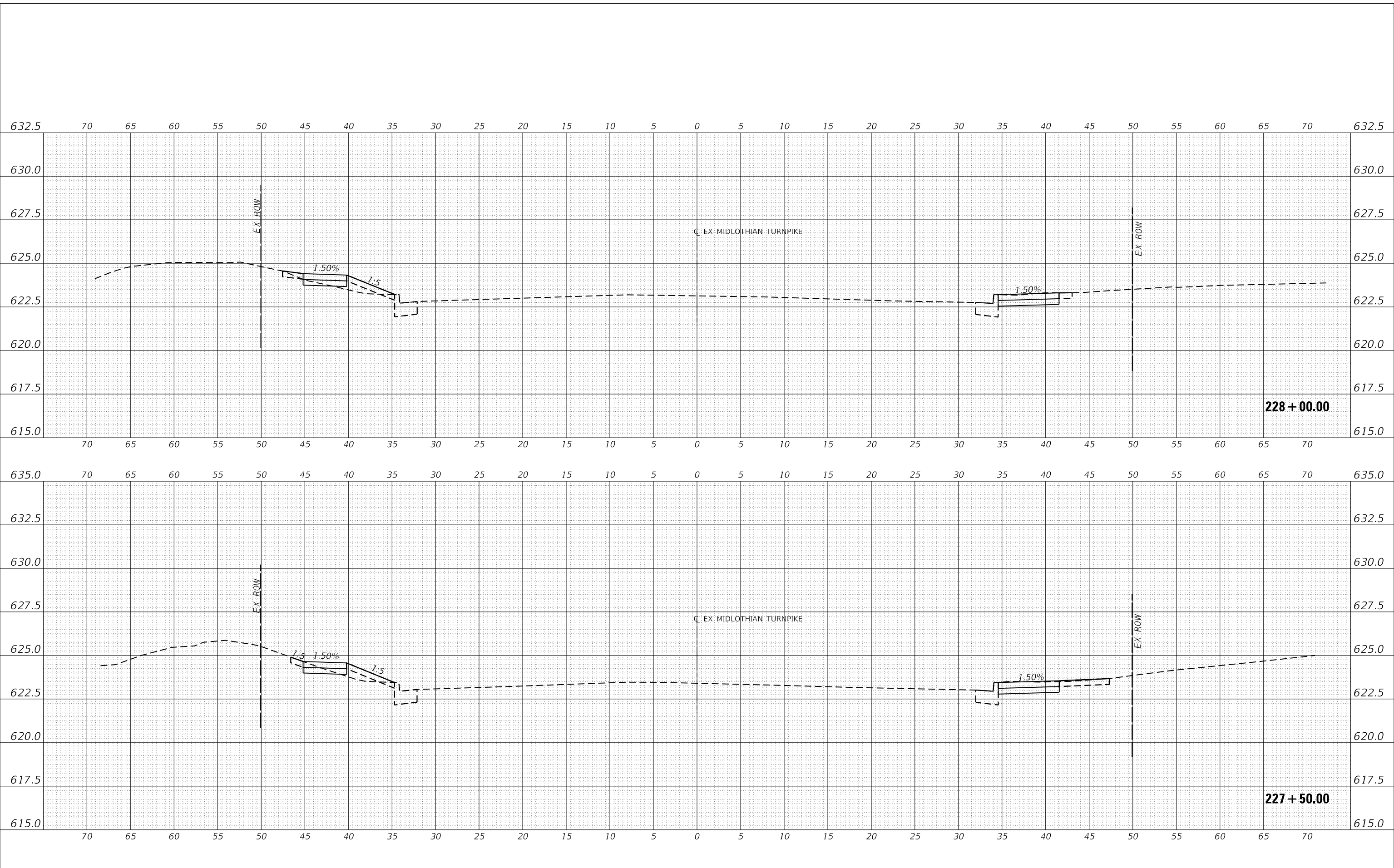
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	155
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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MODEL: EXMIDCL_1
 FILE NAME: J:\2016\160996\00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\160996-sec.dgn



USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

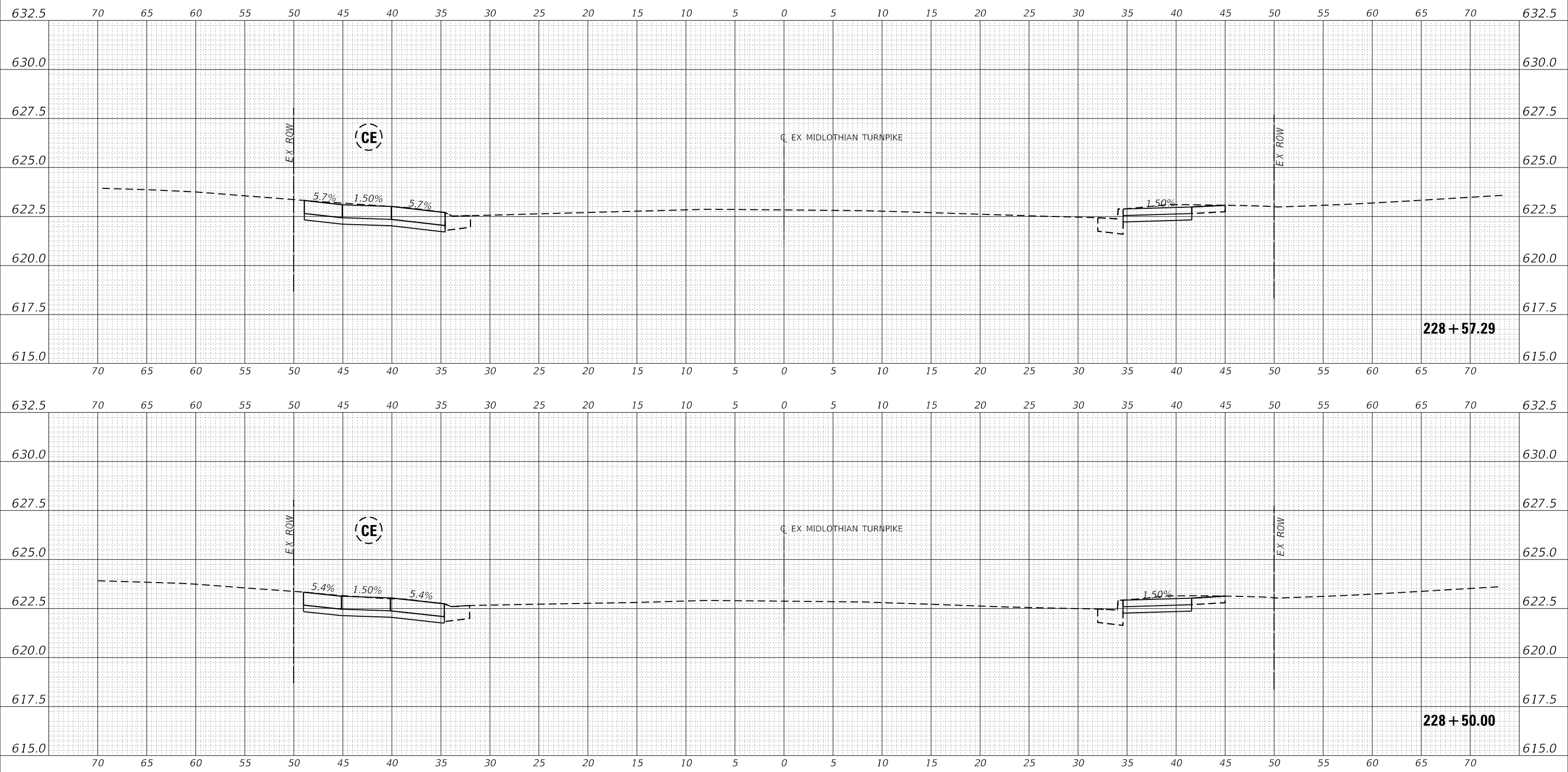
CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 32 OF 147 SHEETS
V: 1"=2.5'	STA. 227+50.00 TO STA. 228+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	156
				CONTRACT NO. 61H12
				ILLINOIS FED. AID PROJECT

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MODEL: EXMIDCL_1
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USER NAME	= dreimer
DESIGNED	MEP
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CHECKED	ERB
DATE	09/02/22
PLOT SCALE	= 10.0000' / in.
PLOT DATE	= 9/6/2022

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

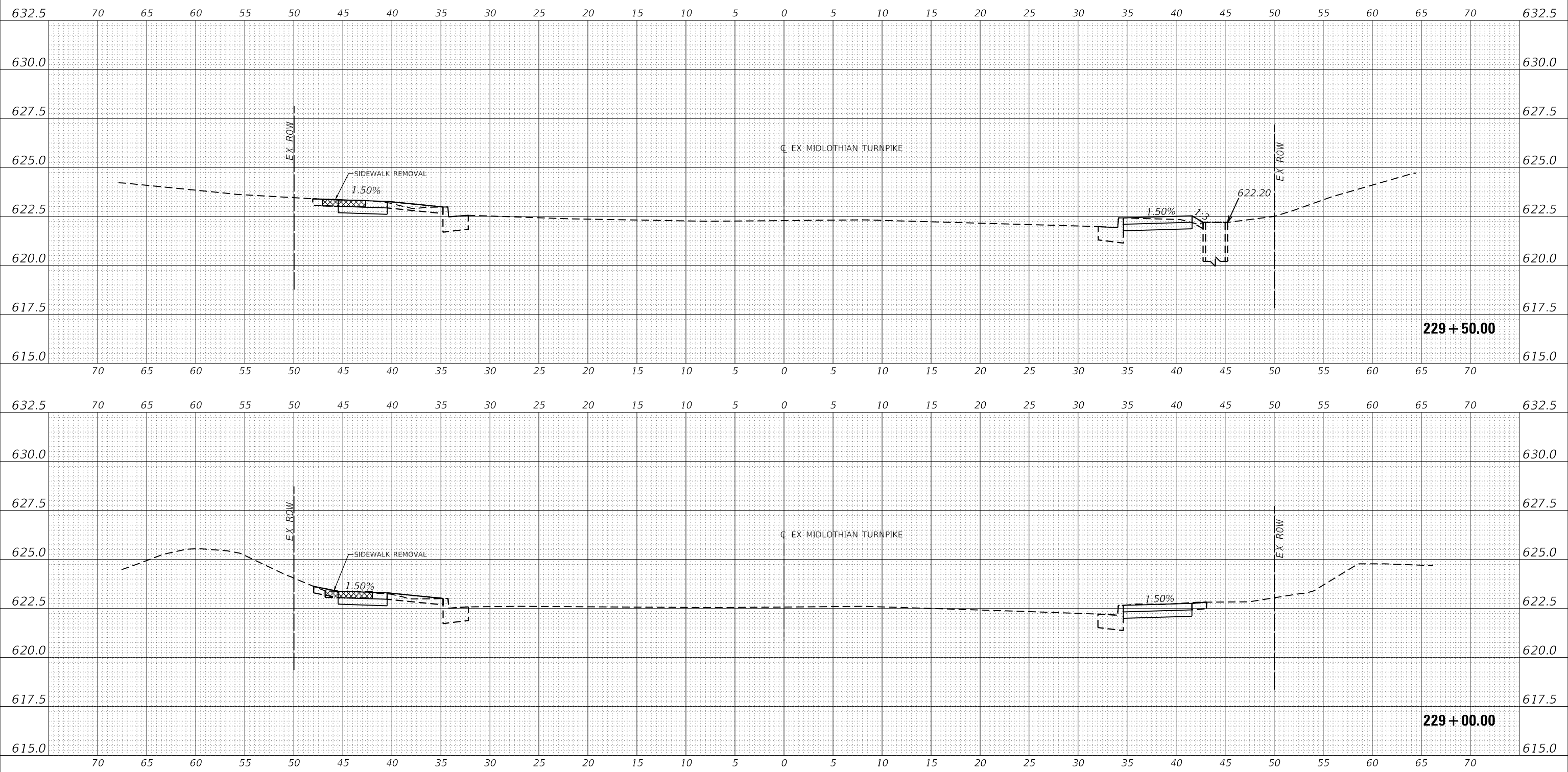
CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 33 OF 147 SHEETS
V: 1"=2.5'	STA. 228+50.00 TO STA. 228+56.79

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	157
				CONTRACT NO. 61H12
				ILLINOIS FED. AID PROJECT

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MODEL: E:\MIDCL_1
 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\160996-sec.dgn



USER NAME	= dreimer
DESIGNED	MEP
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CHECKED	ERB
DATE	09/02/22
PLOT SCALE	= 10.0000' / in.
PLOT DATE	= 9/6/2022

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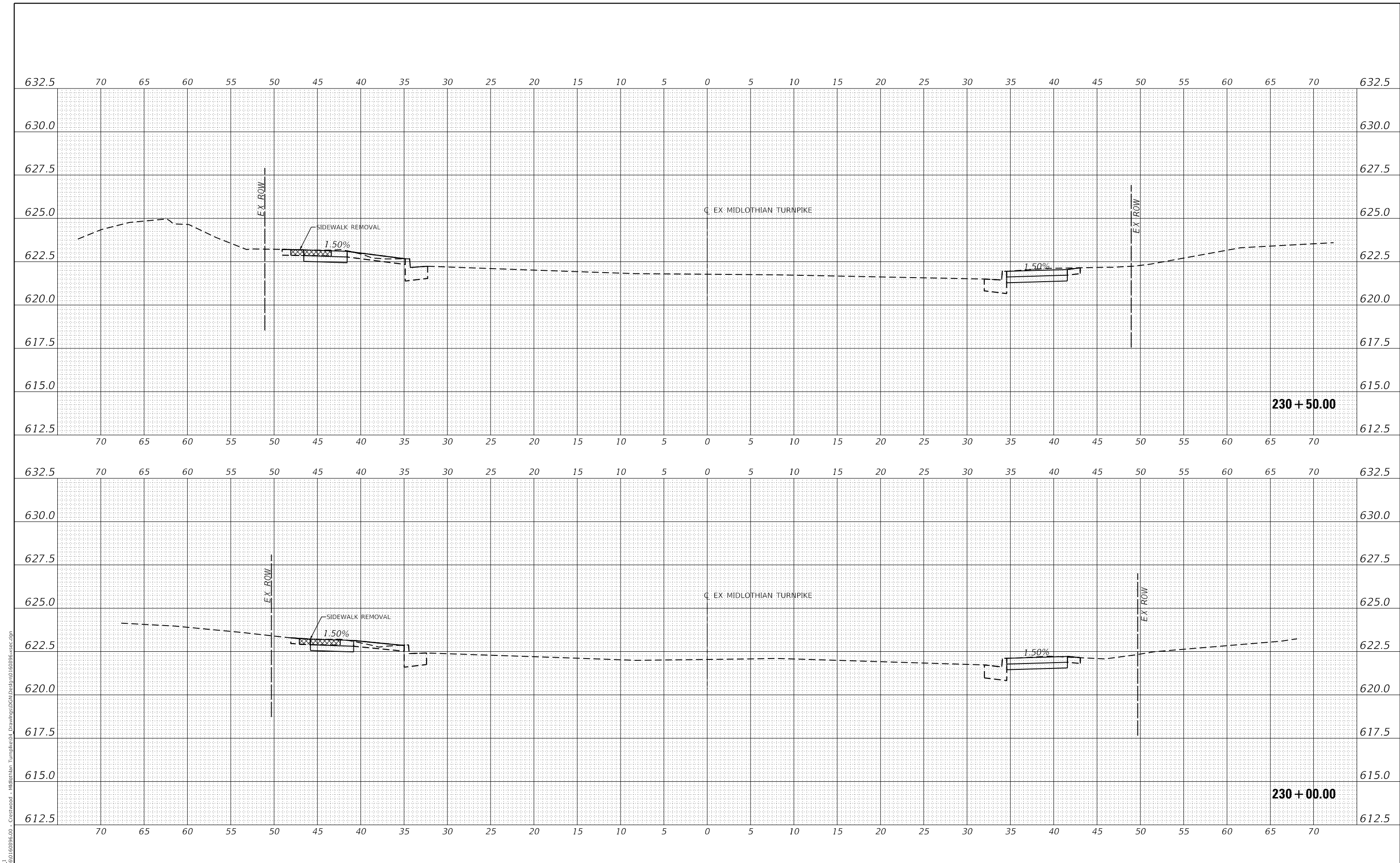
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: H: 1"=5', V: 1"=2.5'
 SHEET 34 OF 147 SHEETS STA. 229+00.00 TO STA. 229+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	158
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN MEP	REVISED -
PLOT DATE = 9/6/2022	CHECKED ERB	REVISED -
	DATE 09/02/22	REVISED -

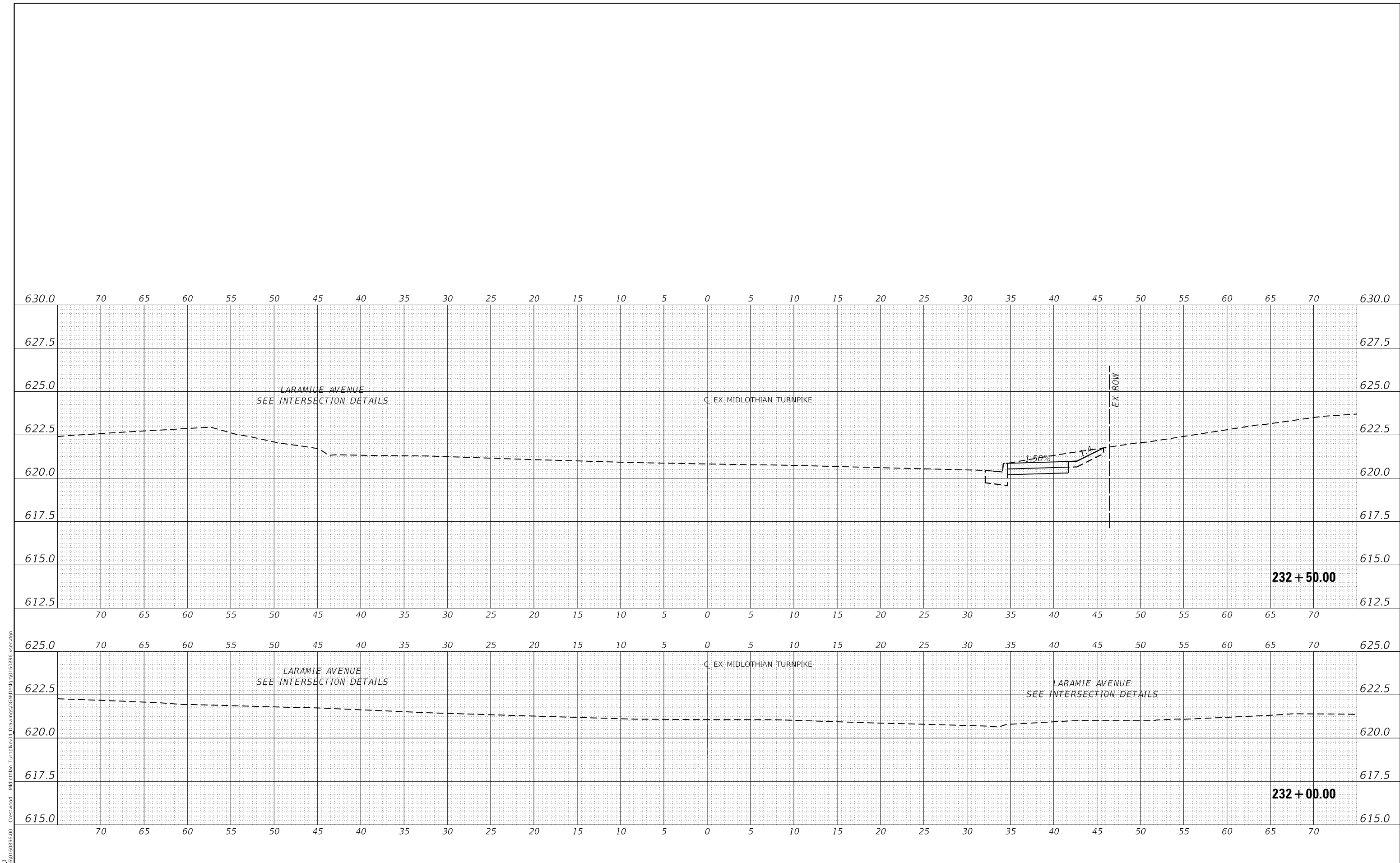
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=5'	SHEET 35 OF 147 SHEETS	STA. 230+00.00 TO STA. 230+50.00
V: 1"=2.5'		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	159
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

REVISIONS	DATE
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MODEL: E:\MIDCL_1
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USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

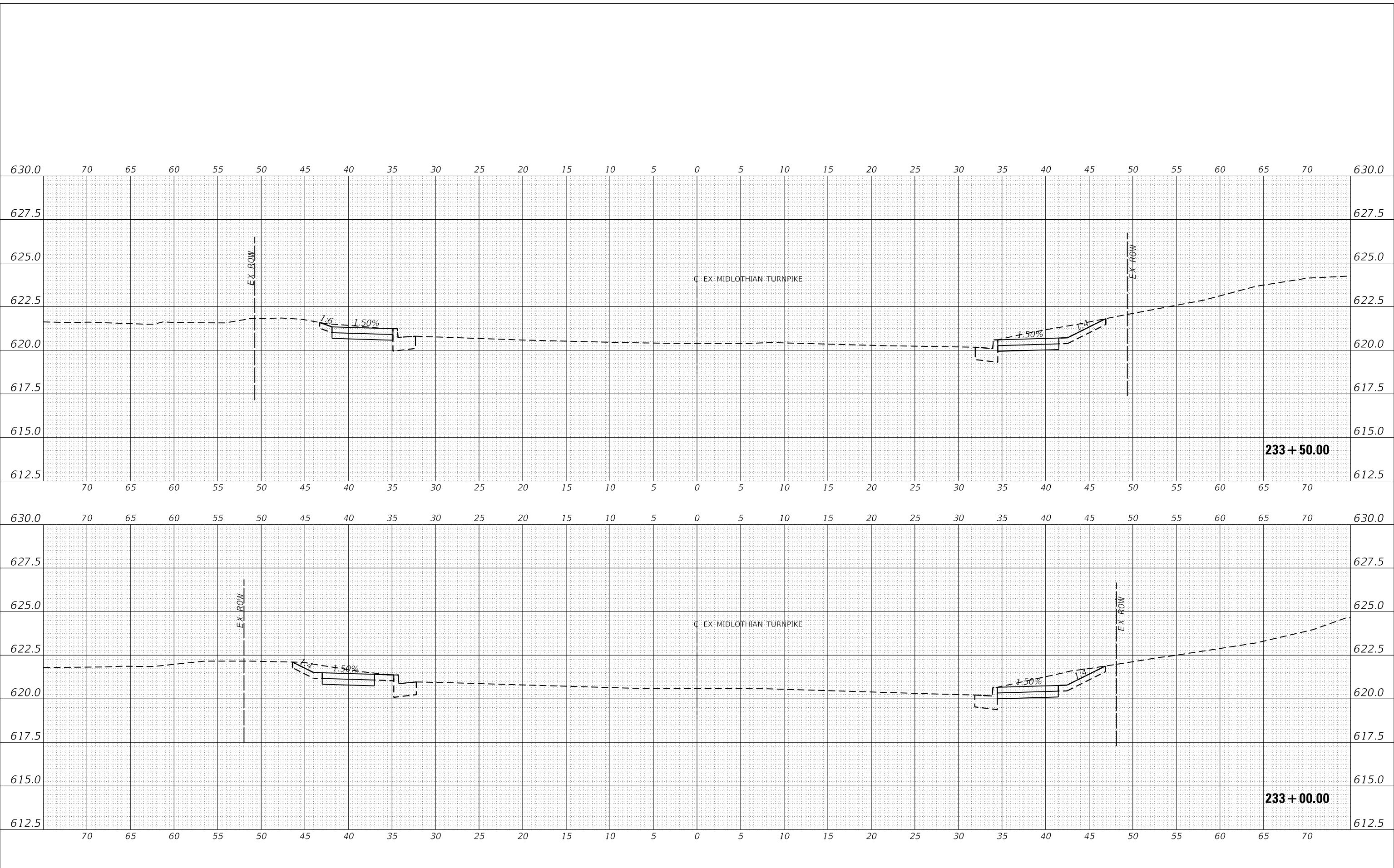
CROSS SECTIONS		
SCALE: H: 1" = 5'	SHEET 37	OF 147 SHEETS
V: 1" = 2.5'	STA. 232+00.00 TO STA. 232+50.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	161
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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MODEL: E:\MIDCL_1
FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\0160996-sec.dgn



USER NAME	= dreimer
DESIGNED	MEP
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DATE	09/02/22
PLOT SCALE	= 10.0000' / in.
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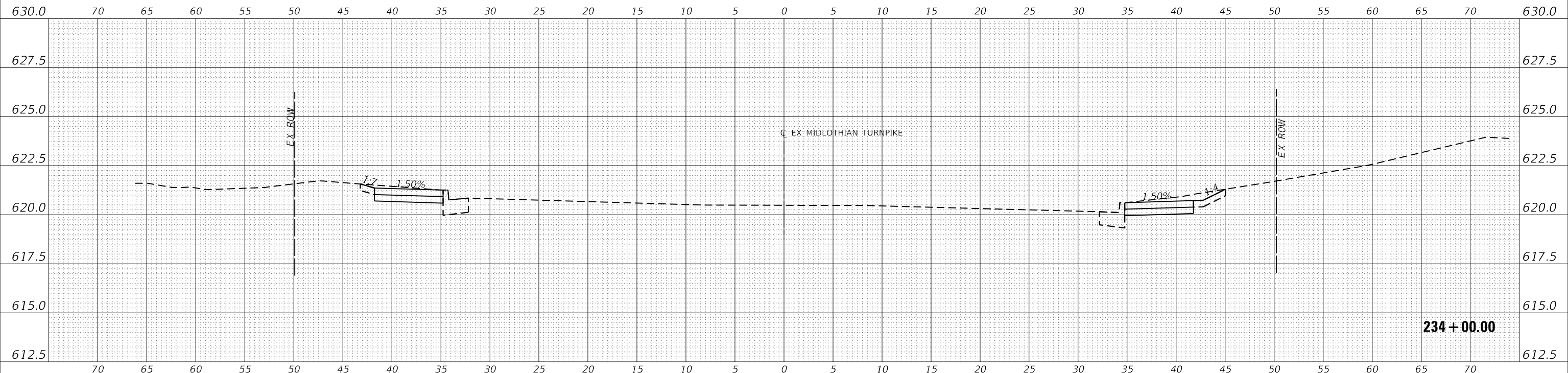
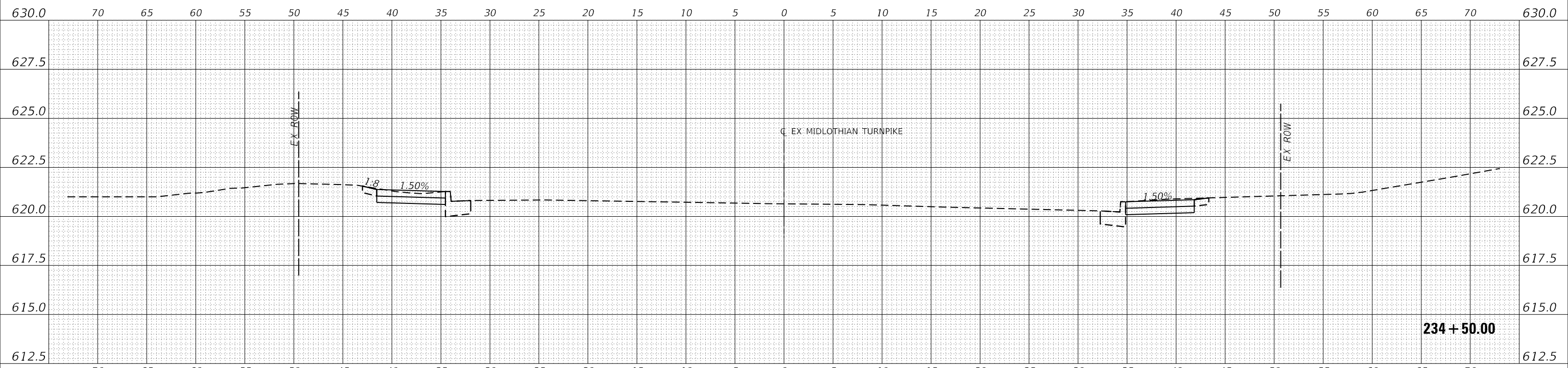
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
SCALE: H: 1"=5'
V: 1"=2.5'
SHEET 38 OF 147 SHEETS
STA. 233+00.00 TO STA. 233+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	162
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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MODEL: E:\MIDCL_1
FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\0160996-sec.dwg

Farnsworth GROUP
1011 WARRENVILLE ROAD, SUITE 375
LISLE, ILLINOIS 60532
(630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

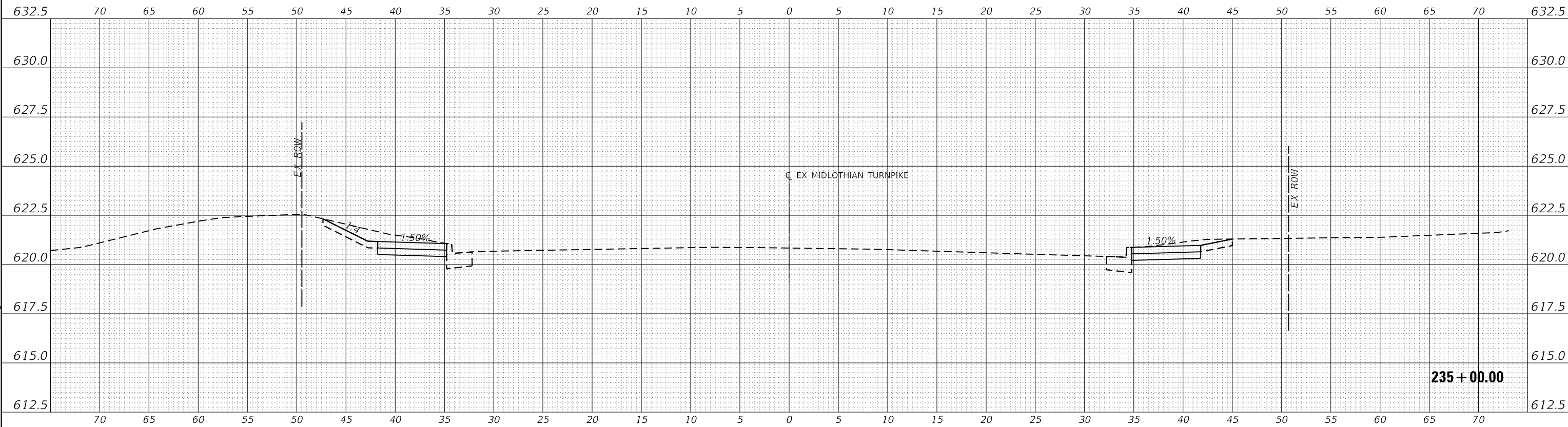
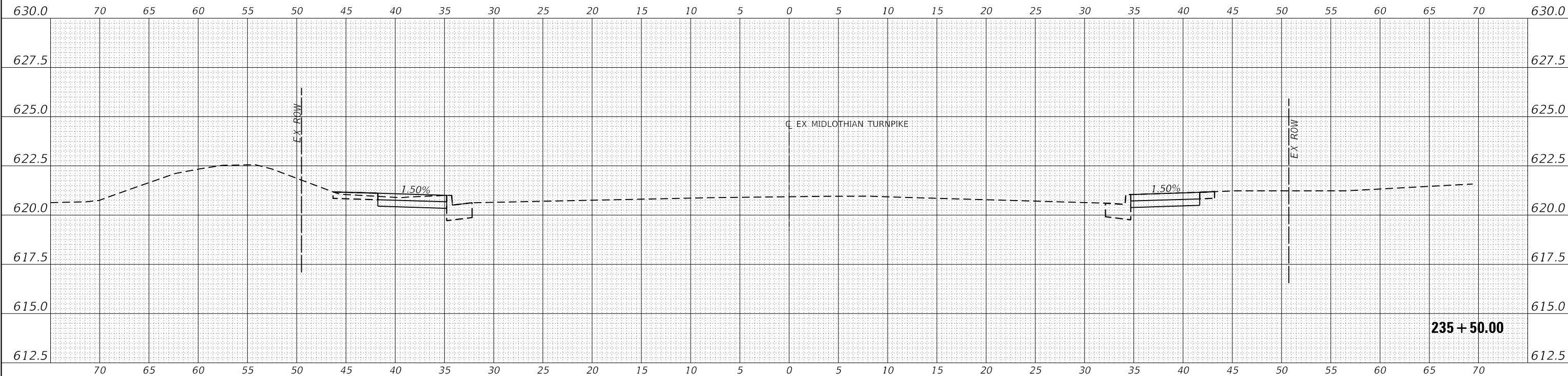
CROSS SECTIONS	
SCALE: H: 1"=5' V: 1"=2.5'	SHEET 39 OF 147 SHEETS
STA. 234+00.00 TO STA. 234+50.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	163
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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MODEL: E:\MIDCL_1
FILE NAME: J:\20160160906-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\160906-sec.dgn



USER NAME = dreimer
PLOT SCALE = 10.0000 ' / in.
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

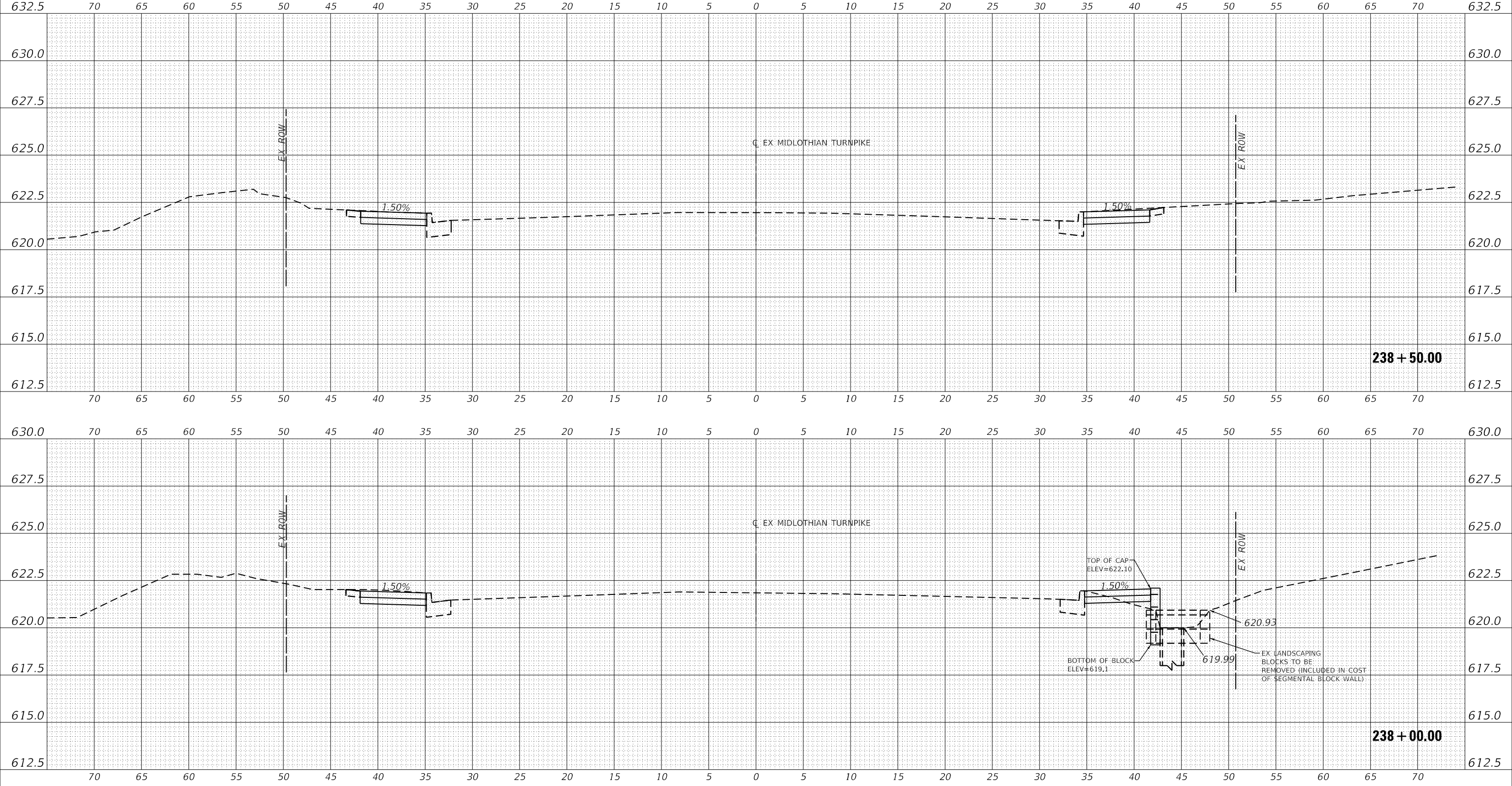
CROSS SECTIONS

SCALE: H: 1" = 5'
V: 1" = 2.5'
SHEET 40 OF 147 SHEETS STA. 235+00.00 TO STA. 235+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	164
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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MODEL: EXMIDCL_1
FILE NAME: J:\20160160906-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCI\Design\0160906-00.dwg



USER NAME = dreimer
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DATE 09/02/22

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REVISOR
DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

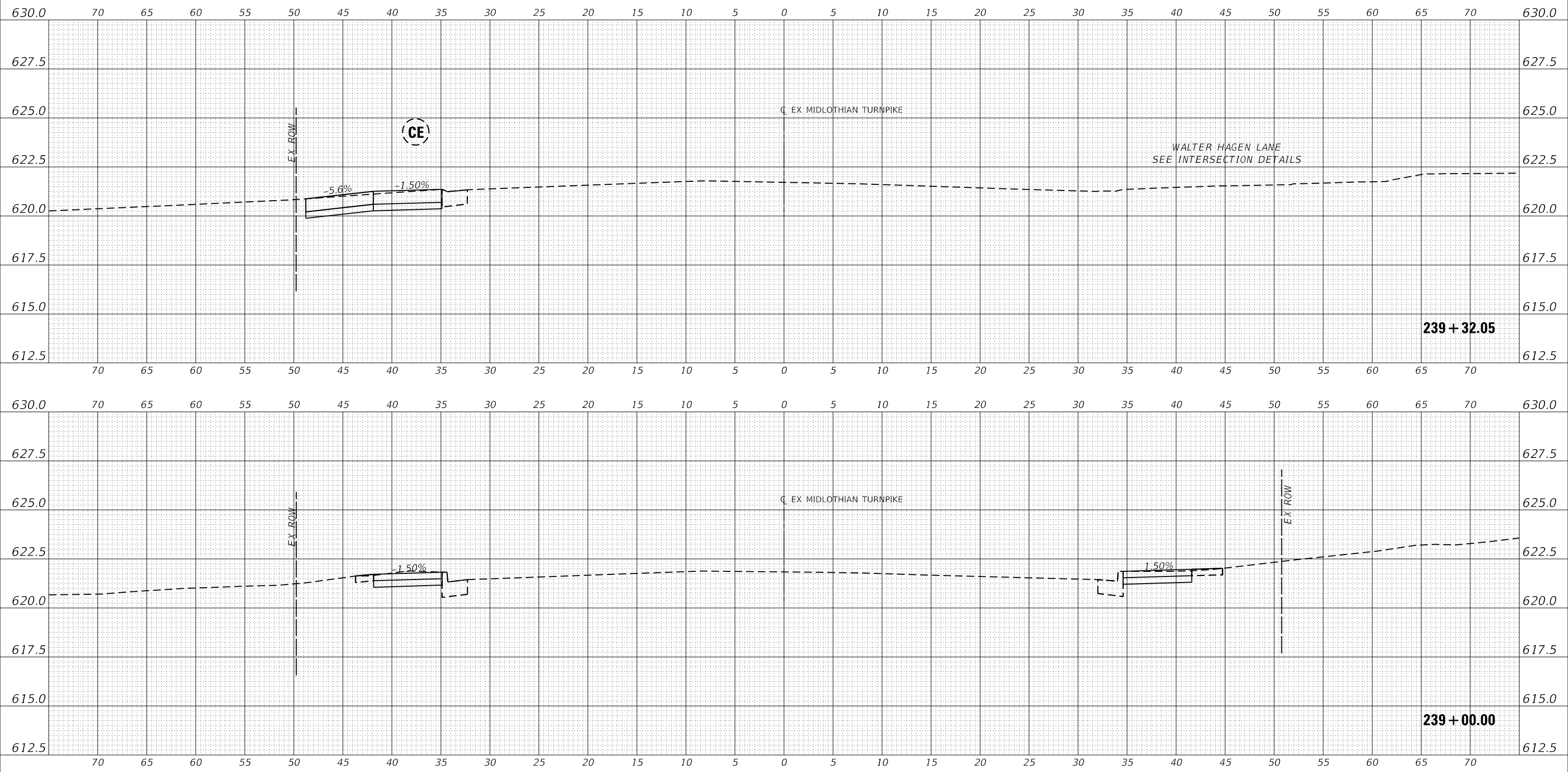
CROSS SECTIONS
SCALE: H: 1"=5', V: 1"=2.5'
SHEET 43 OF 147 SHEETS
STA. 238+00.00 TO STA. 238+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600			271	167
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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MODEL: E:\MIDCL_1
 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DC\Design\0160996-00.dwg



USER NAME = dreimer
 PLOT SCALE = 10.0000' / in.
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 DATE 09/02/22

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=5'
 V: 1"=2.5'
 SHEET 44 OF 147 SHEETS
 STA. 239+00.00 TO STA. 239+32.05

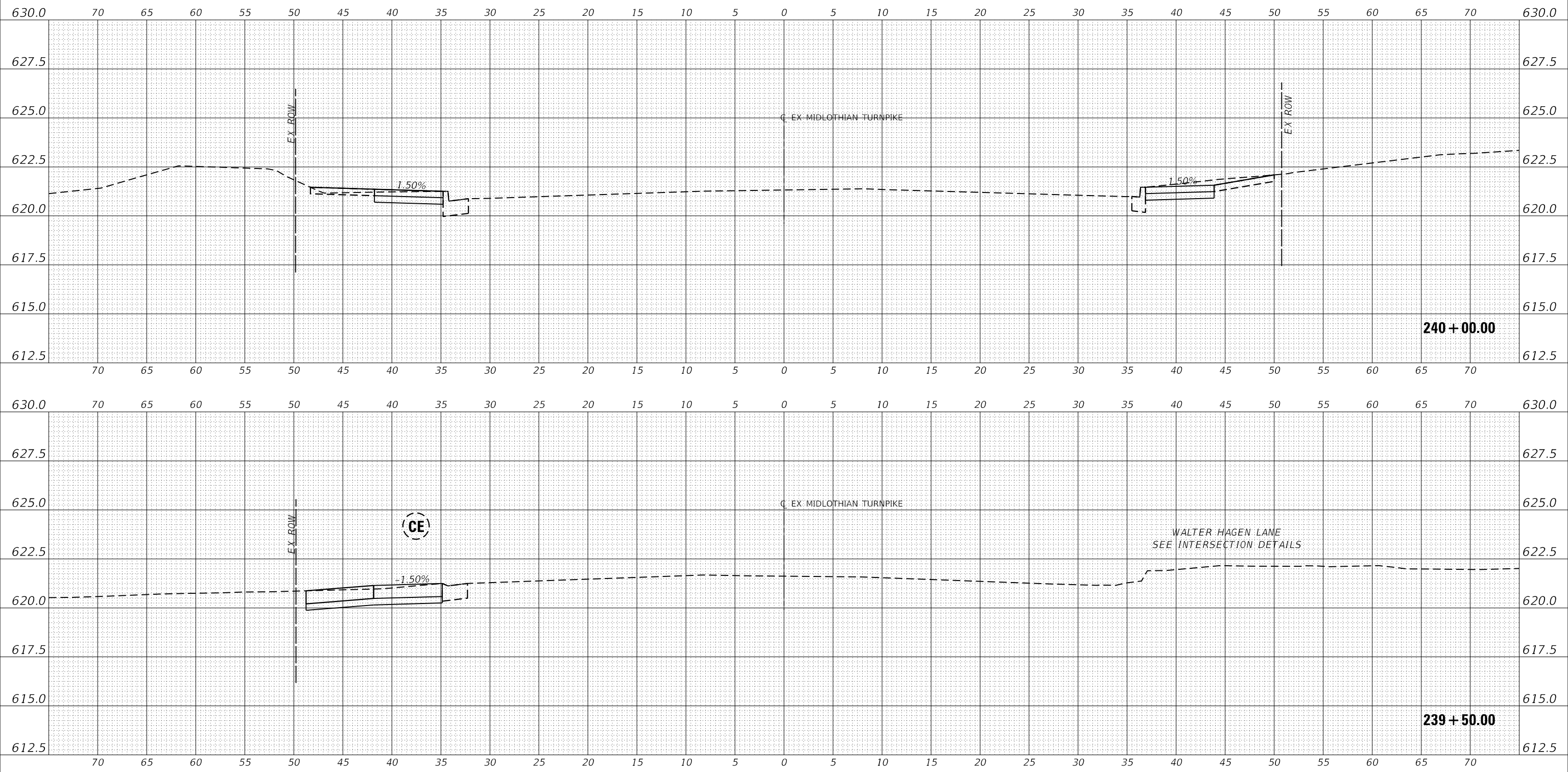
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	168
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCI\Design\160996-00.dwg



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DESIGNED	MEP
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DATE	09/02/22
PLOT SCALE	= 10.0000 ' / in.
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

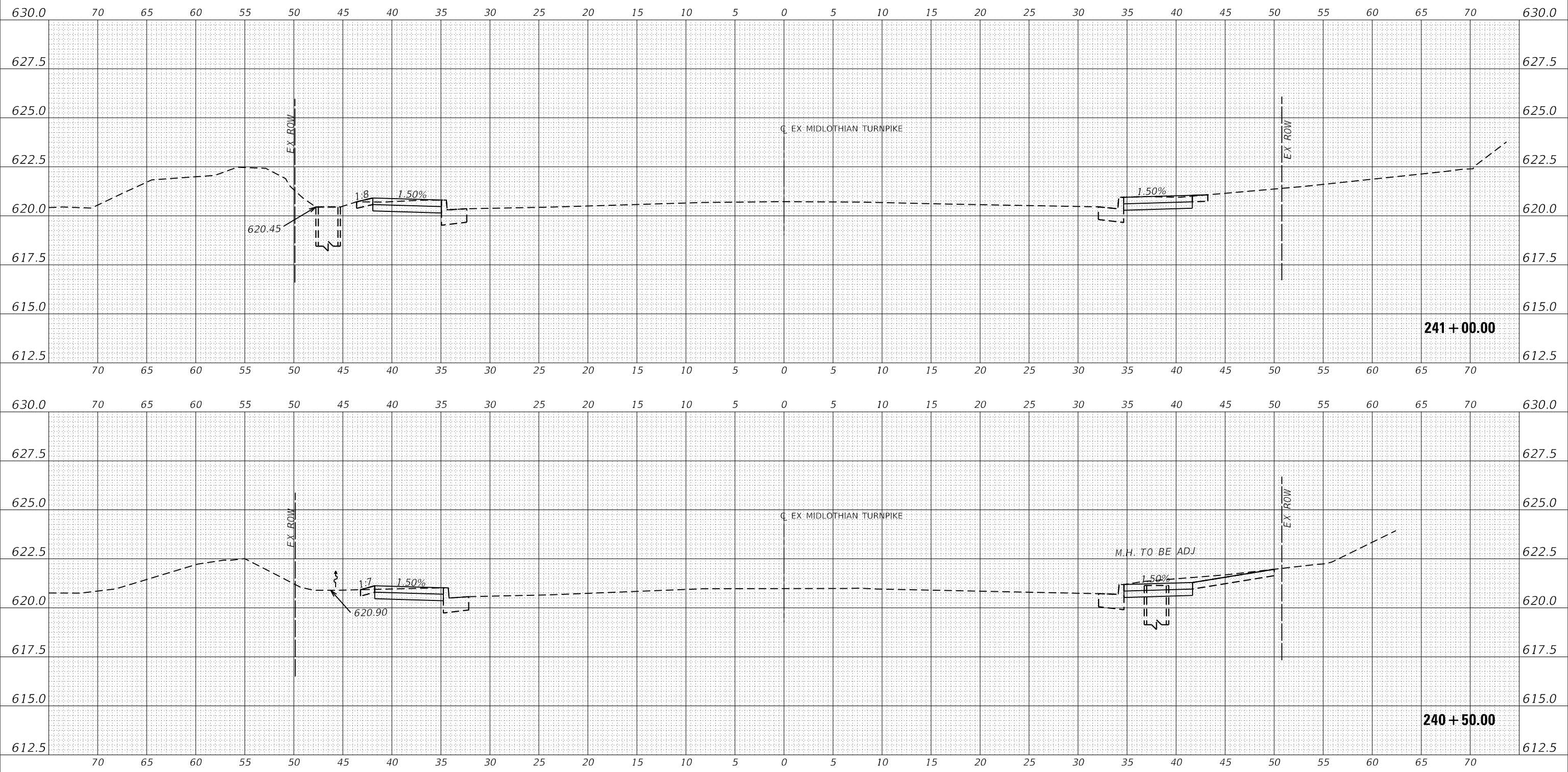
CROSS SECTIONS
 SCALE: H: 1"=5', V: 1"=2.5'
 SHEET 45 OF 147 SHEETS
 STA. 239+50.00 TO STA. 240+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	169
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

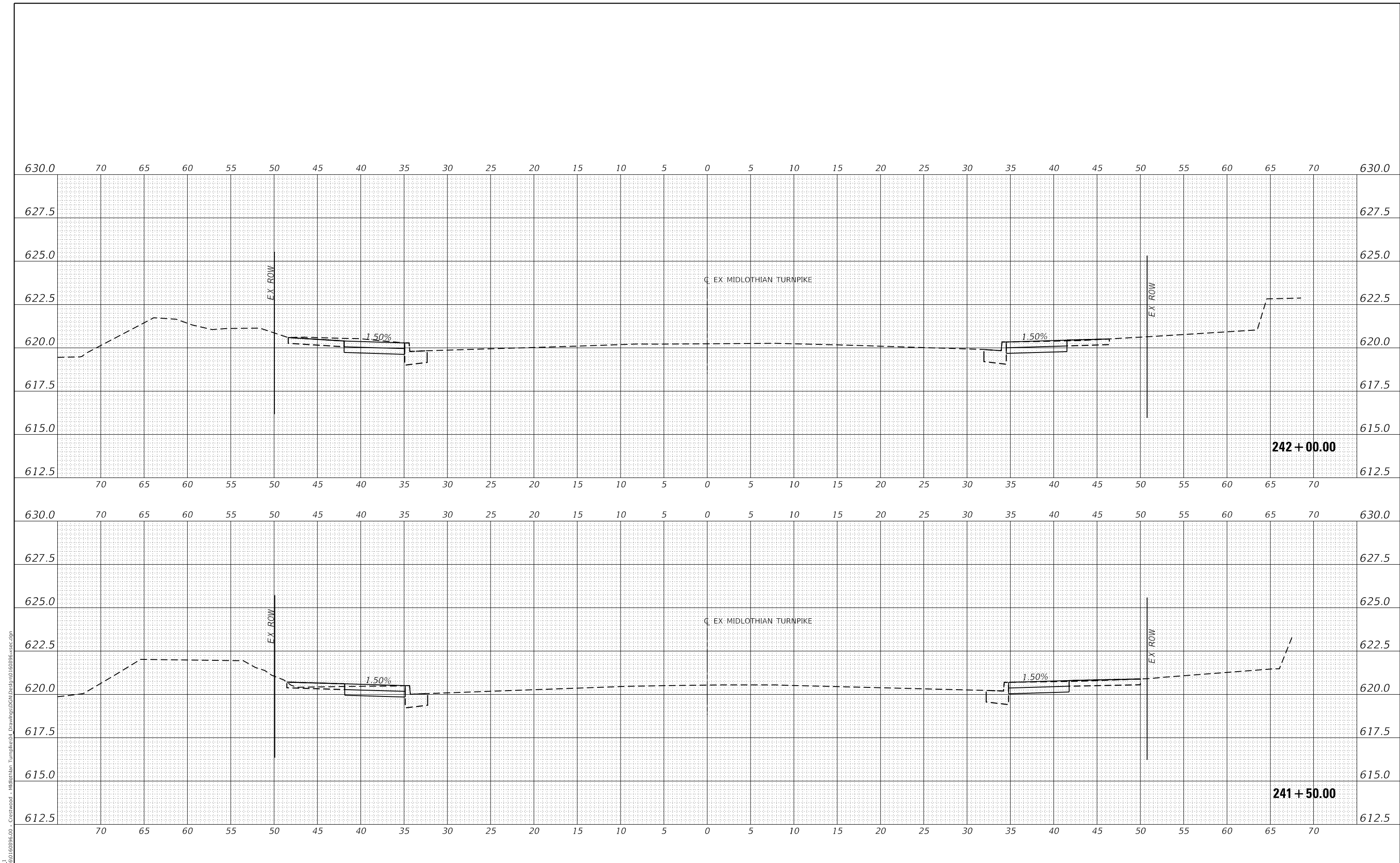
SCALE: H: 1"=5'
V: 1"=2.5'
SHEET 46 OF 147 SHEETS STA. 240+50.00 TO STA. 241+00.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	170
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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	DRAWN	MEP	REVISED	-
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PLOT DATE = 9/6/2022	DATE	09/02/22	REVISED	-

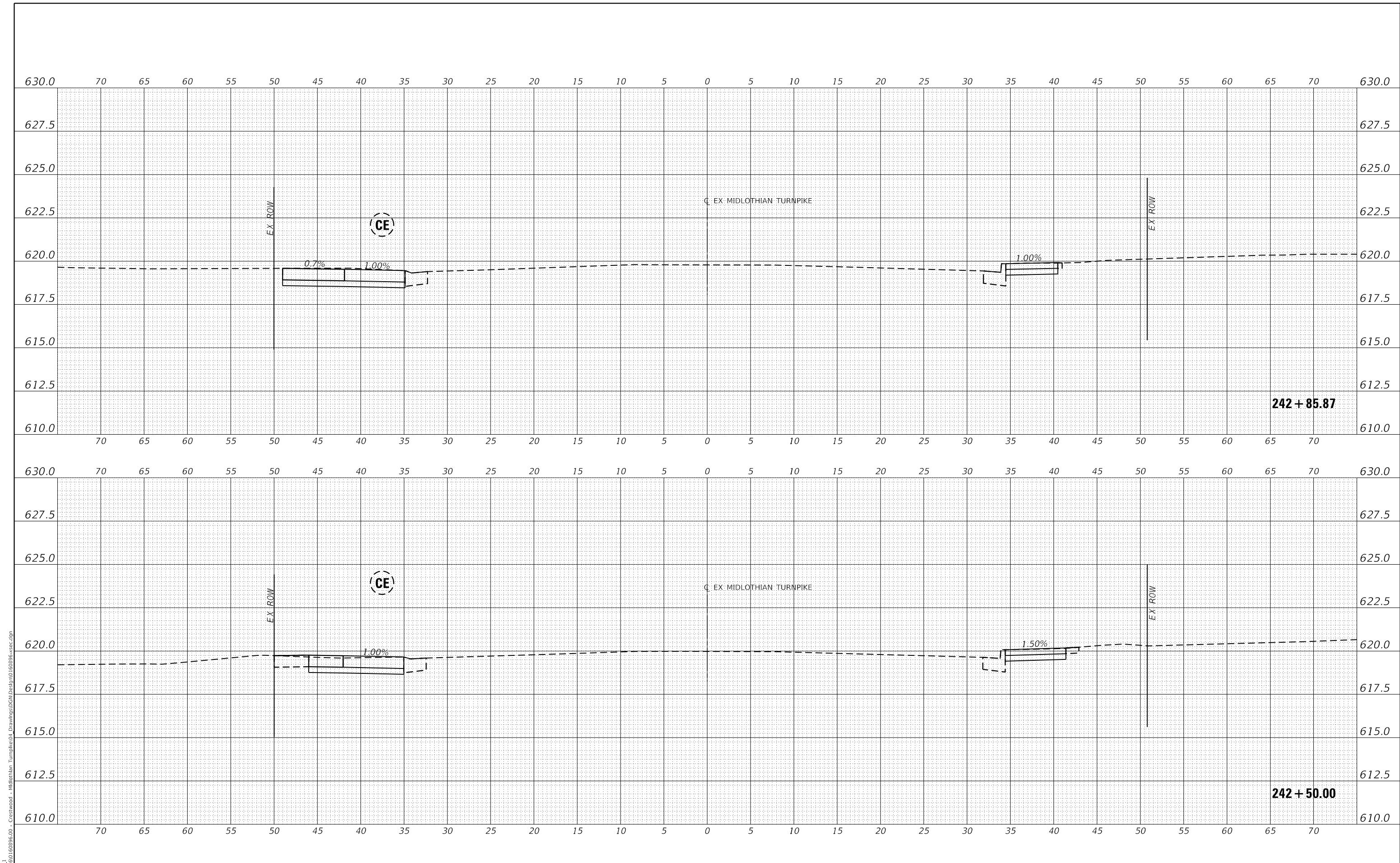
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 47 OF 147 SHEETS
V: 1"=2.5'	STA. 241+50.00 TO STA. 242+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	171
CONTRACT NO. 61H12				
ILLINOIS				FED. AID PROJECT

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MODEL: EXMIDCL_1
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DESIGNED	MEP
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

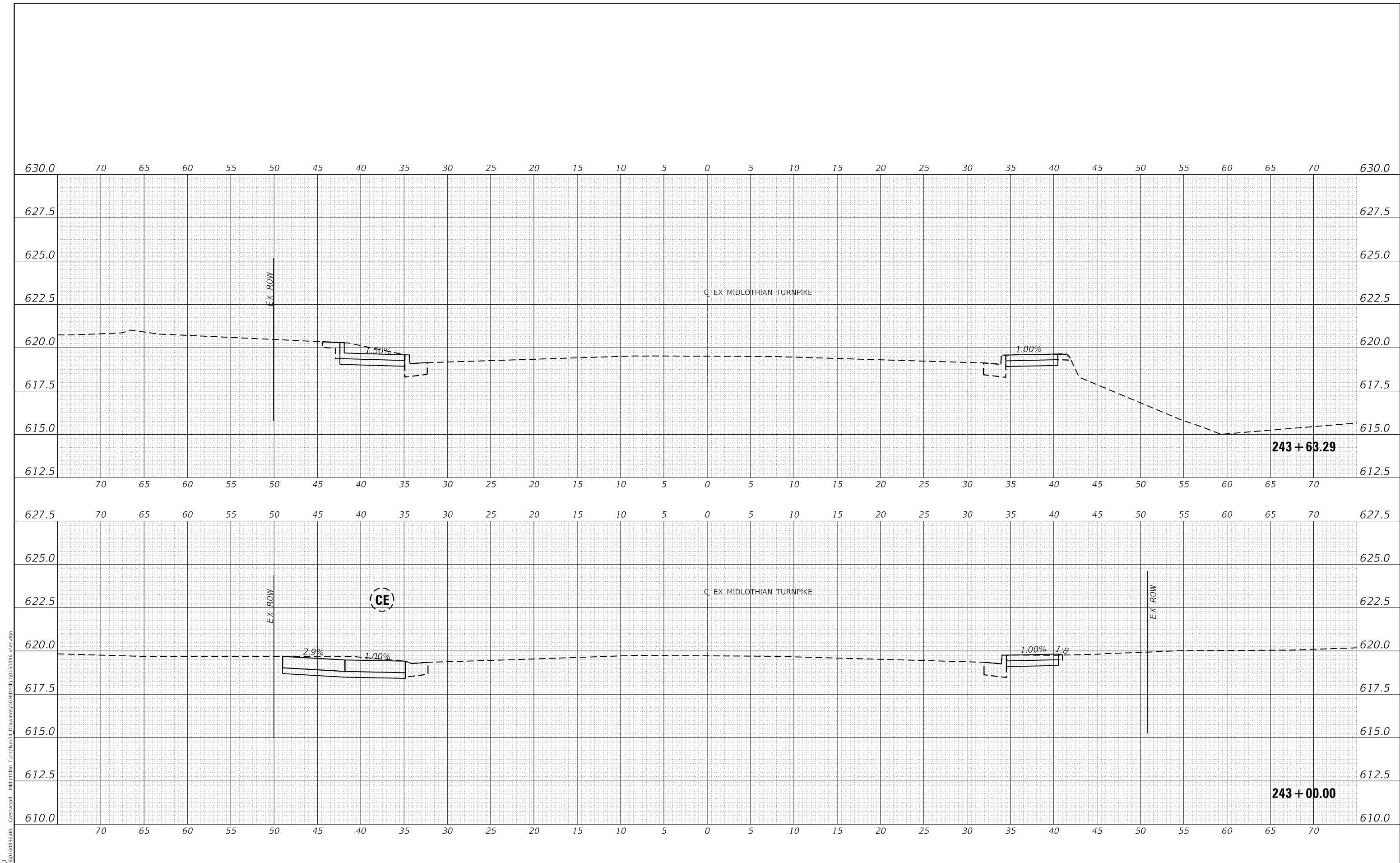
SCALE: H: 1"=5'	
V: 1"=2.5'	
SHEET 48	OF 147 SHEETS
STA. 242+50.00 TO STA. 242+86.08	

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	172
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

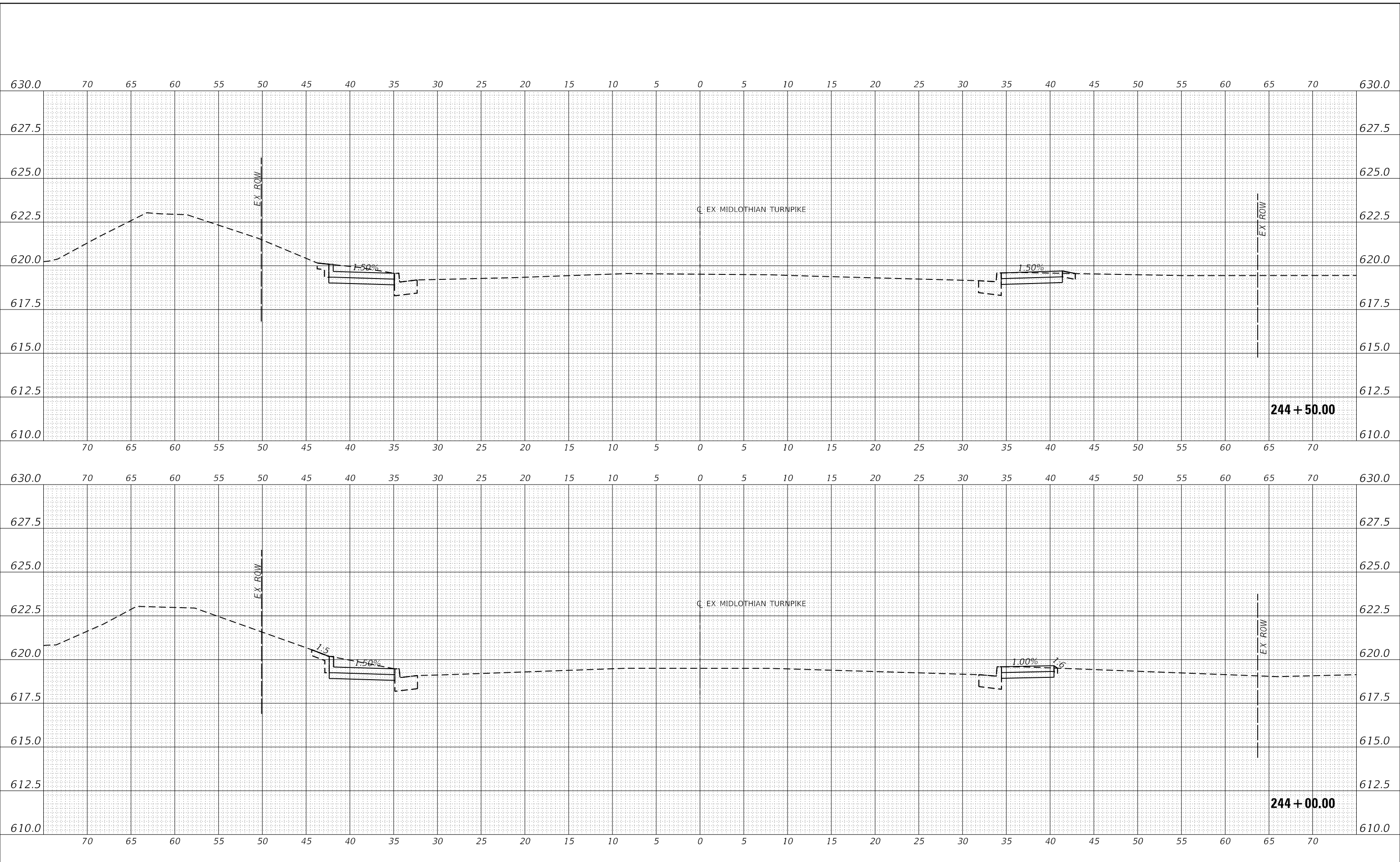
SCALE: H: 1" = 5'	SHEET 49 OF 147 SHEETS	STA. 243+00.00 TO STA. 243+50.00
V: 1" = 2.5'		

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	173
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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MODEL: EXMIDCL_1
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USER NAME = dreimer
 PLOT SCALE = 10.0000 ' / in.
 PLOT DATE = 9/6/2022

DESIGNED MEP
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 DATE 09/02/22

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

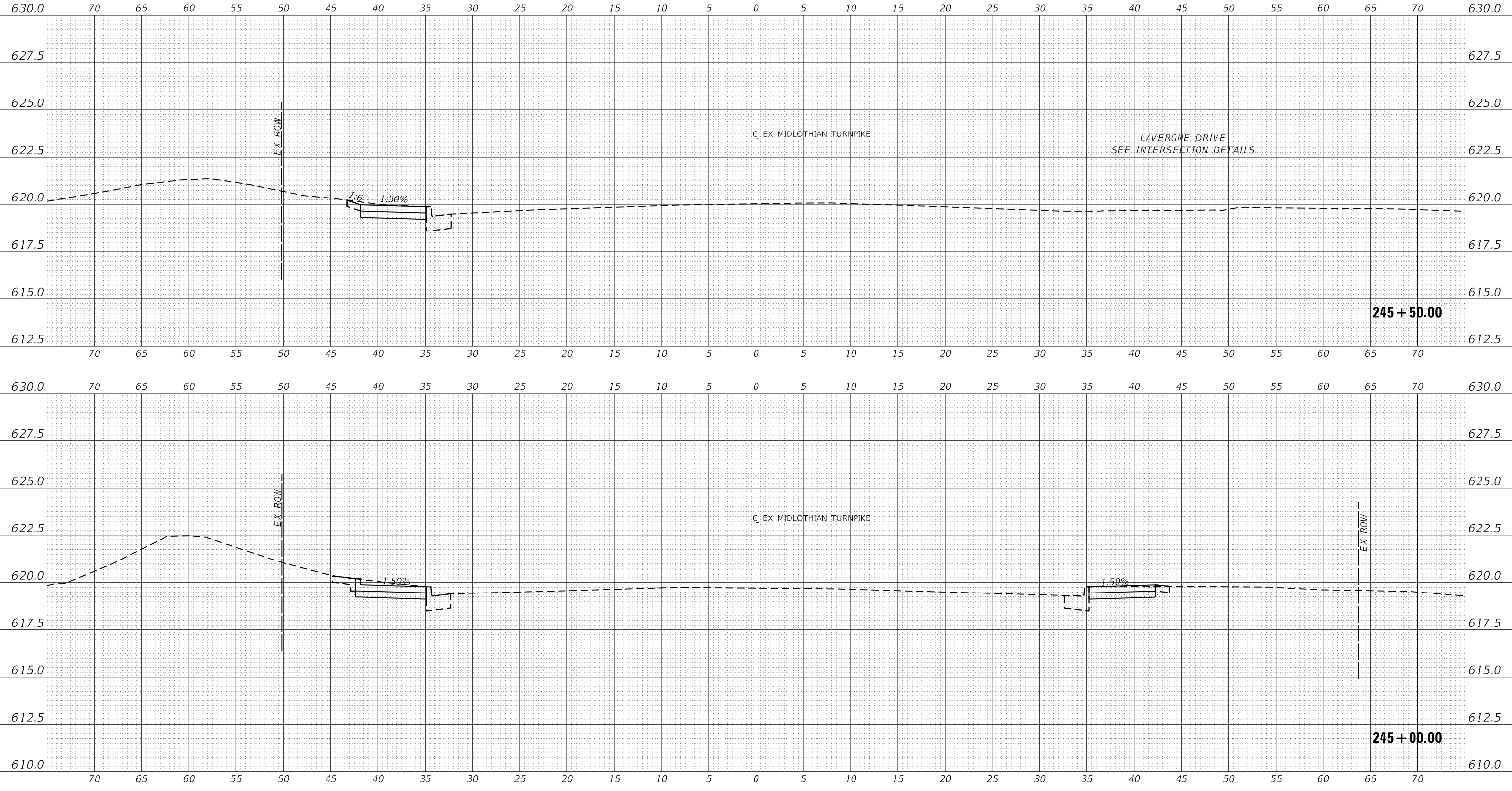
SCALE: H: 1" = 5'
 V: 1" = 2.5'
 SHEET 50 OF 147 SHEETS
 STA. 244+00.00 TO STA. 244+50.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	174
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

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USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H: 1" = 5'		SHEET 51 OF 147 SHEETS	STA. 245+00.00 TO STA. 245+50.00
V: 1" = 2.5'			

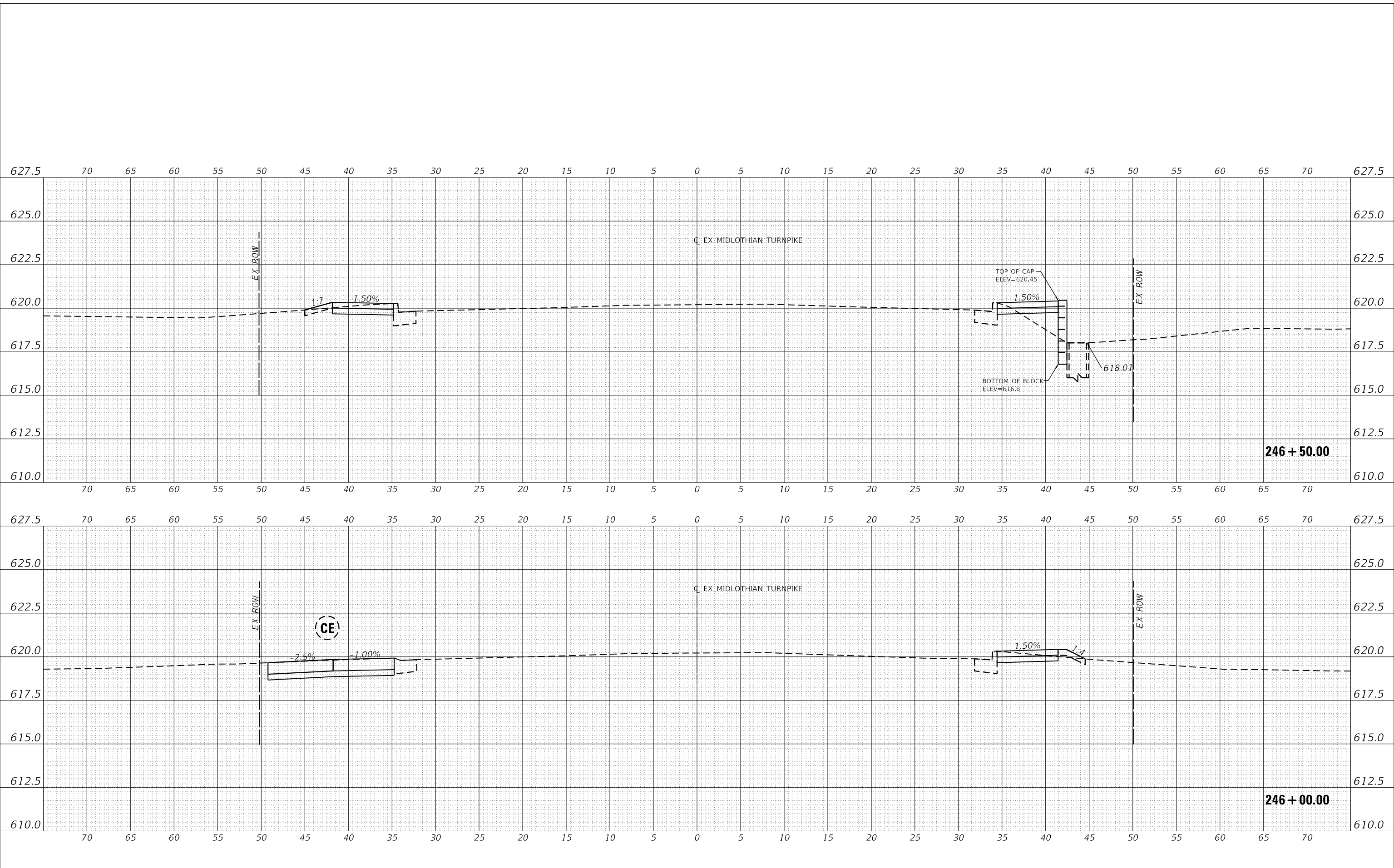
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	175
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
NO.	
STRUC. TYPE	
NOTATION	
CPWD	

MODEL: EXMIDCL_1
 FILE NAME: J:\2016\160996-00 - Crestwood - Midlothian Turnpike\04 Drawings\04 Design\160996-00.dwg



USER NAME = dreimer
 PLOT SCALE = 10.0000" / in.
 PLOT DATE = 9/6/2022

DESIGNED MEP
 DRAWN MEP
 CHECKED ERB
 DATE 09/02/22

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

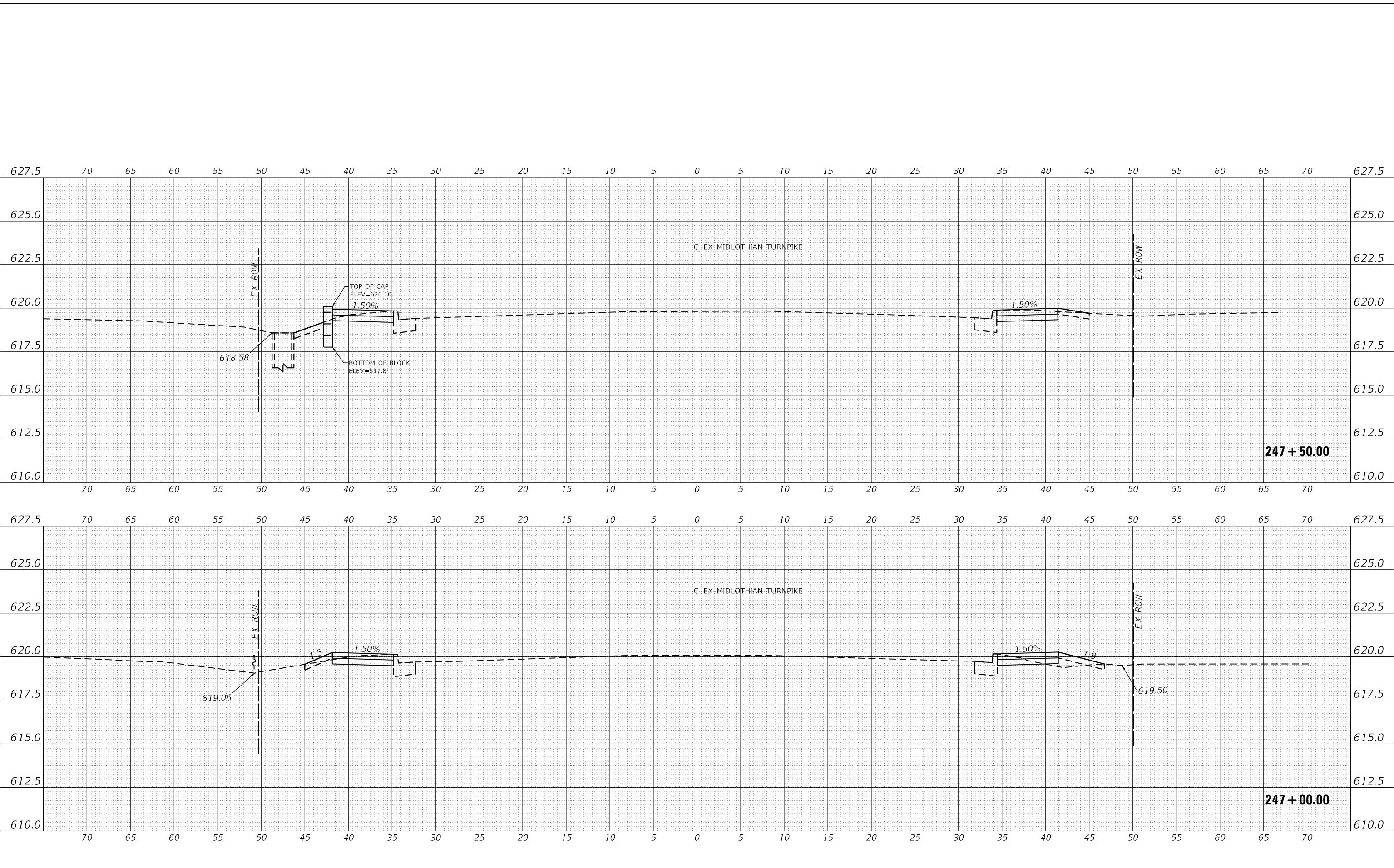
CROSS SECTIONS
 SCALE: H: 1" = 5', V: 1" = 2.5'
 SHEET 52 OF 147 SHEETS
 STA. 246+00.00 TO STA. 246+50.001

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	176
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
NO.	
STRUC. TYPE	
NOTATION	
CPWD	

MODEL: EXMIDCL_1
FILE NAME: J:\2016\160946-00 - Crestwood - Midlothian Turnpike\04 - Drawings\04 - Design\160946-00.dwg



USER NAME	= dreimer
DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22
REVISIONS	-
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REVISIONS	-
REVISIONS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

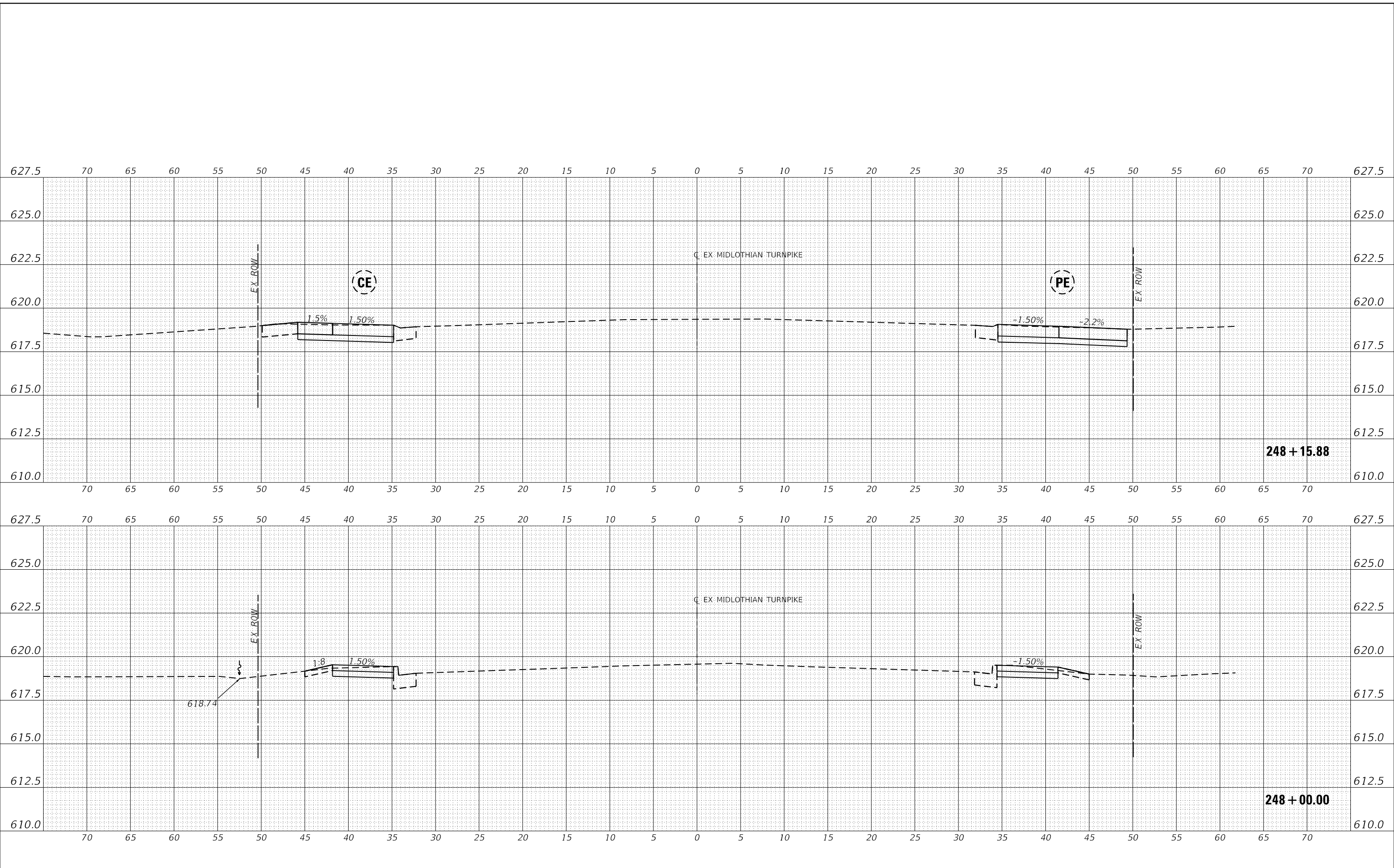
SCALE: H: 1"=5'	
V: 1"=2.5'	
SHEET	53 OF 147 SHEETS
STA. 247+00.00 TO STA. 247+50.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	177
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
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NOTE BOOK	
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CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
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NOTE BOOK	
NO.	
CADD FILE NAME	

MODEL: EXMIDCL_1
FILE NAME: J:\2016\160916\160916-00 - Crestwood - Midlothian Turnpike\04 - Drawings\04 - Design\0160916-00.dwg



USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1" = 5'	
V: 1" = 2.5'	
SHEET	54 OF 147 SHEETS
STA. 248+00.00 TO STA. 248+15.75	

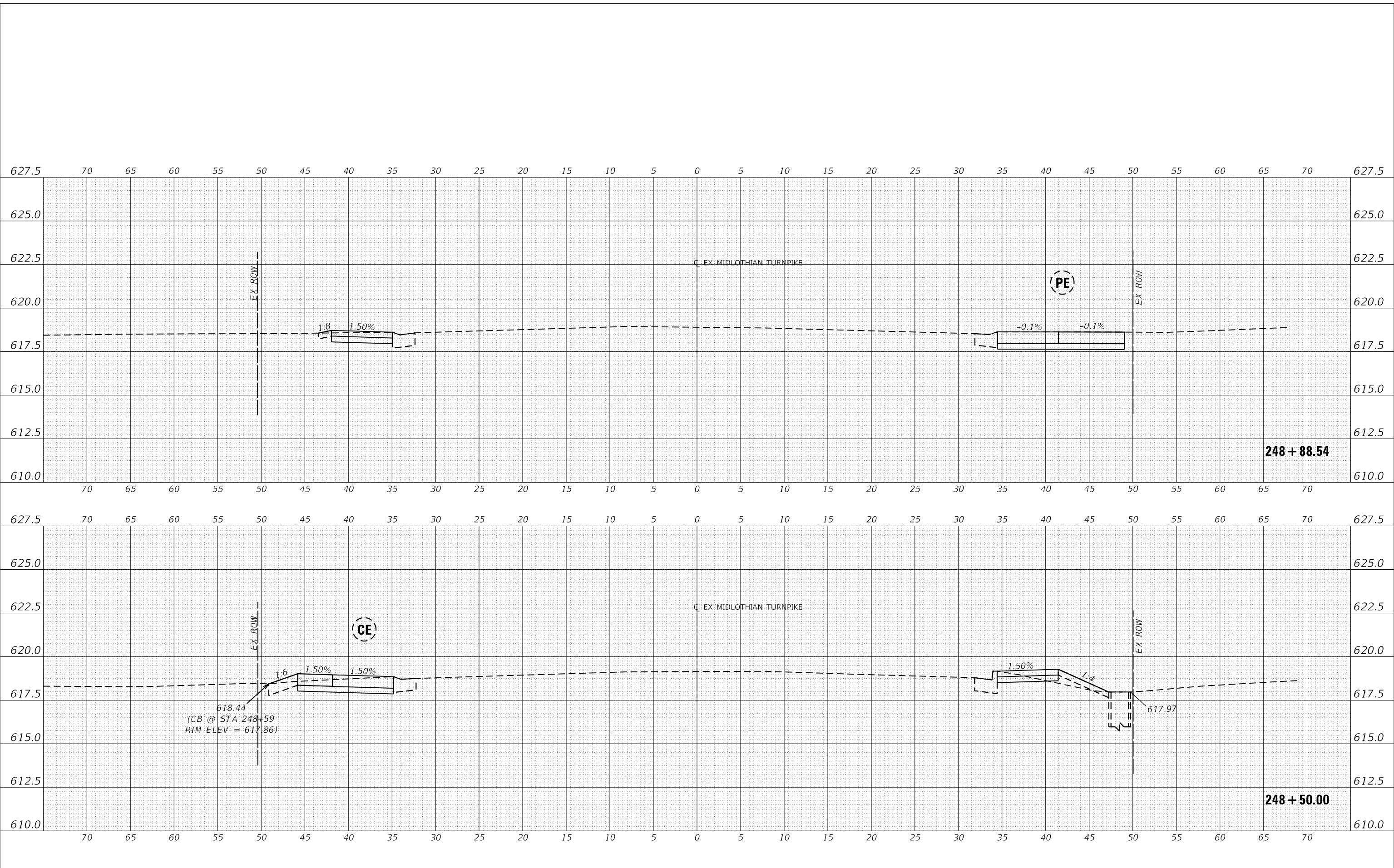
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	178
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
NOTE BOOK	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
STRUCTURE	
NO.	
NOTE BOOK	
NO.	
CADD FILE NAME	

MODEL: EXMIDCL_1
 FILE NAME: J:\2016\160946-00 - Crestwood - Midlothian Turnpike\04_Drawings\04_Design\160946-sec.dgn



USER NAME	= dreimer
DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22
REVISIONS	
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NOTE BOOK	
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CADD FILE NAME	

DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22
REVISIONS	
NO.	
NOTE BOOK	
NO.	
CADD FILE NAME	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=5'	
V: 1"=2.5'	
SHEET 55	OF 147 SHEETS
STA. 248+50.00 TO STA. 248+89.12	

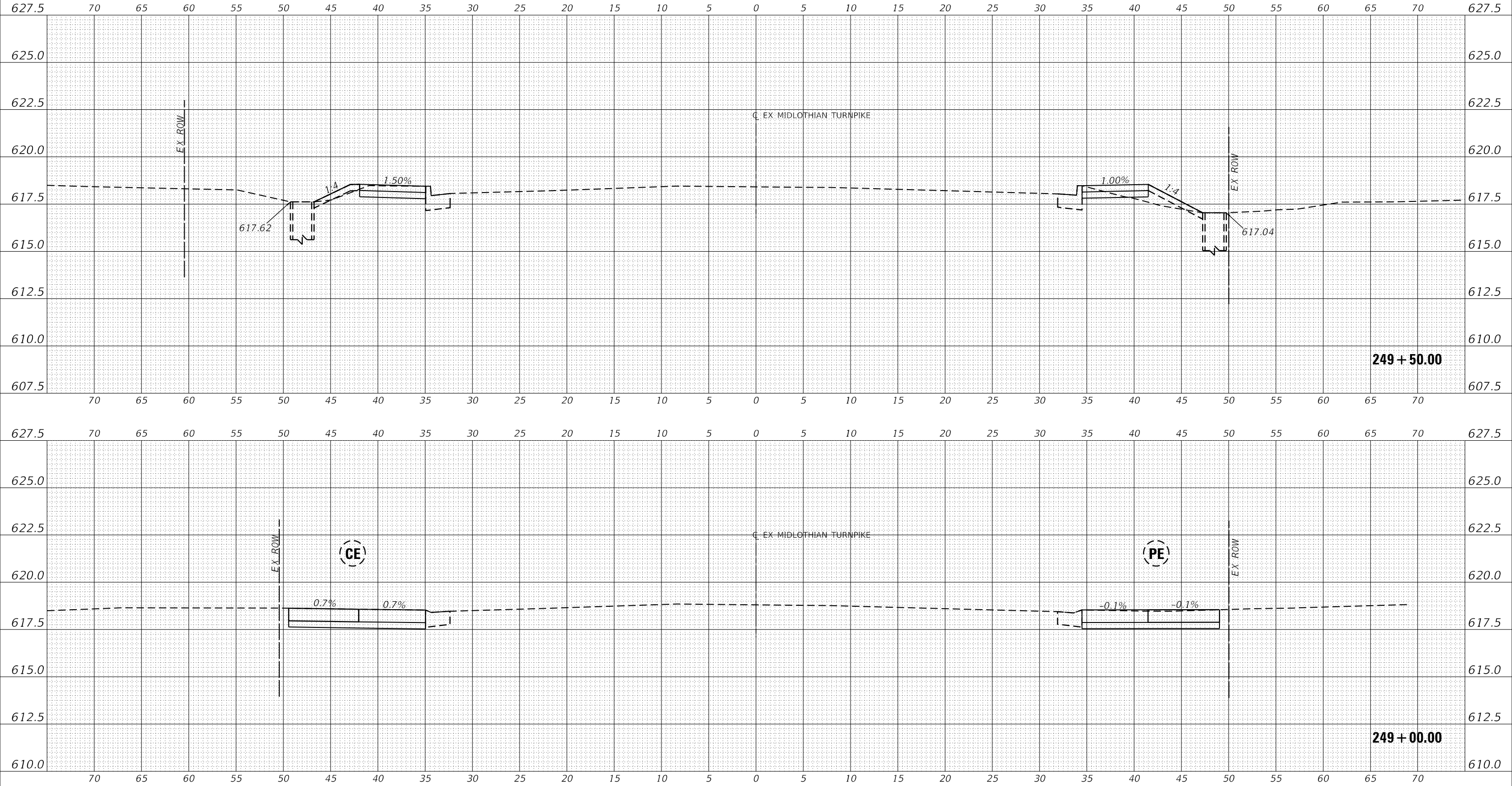
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	179
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
NOTE BOOK	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
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NOTE BOOK	
CADD FILE NAME	

MODEL: EXMIDCL_1
 FILE NAME: J:\2016\160996-00 - Crestwood - Midlothian Turnpike\04 Drawings\04 Design\160996-00.dwg



USER NAME	= dreimer
DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22

REVISIONS	
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DATE	
DESCRIPTION	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

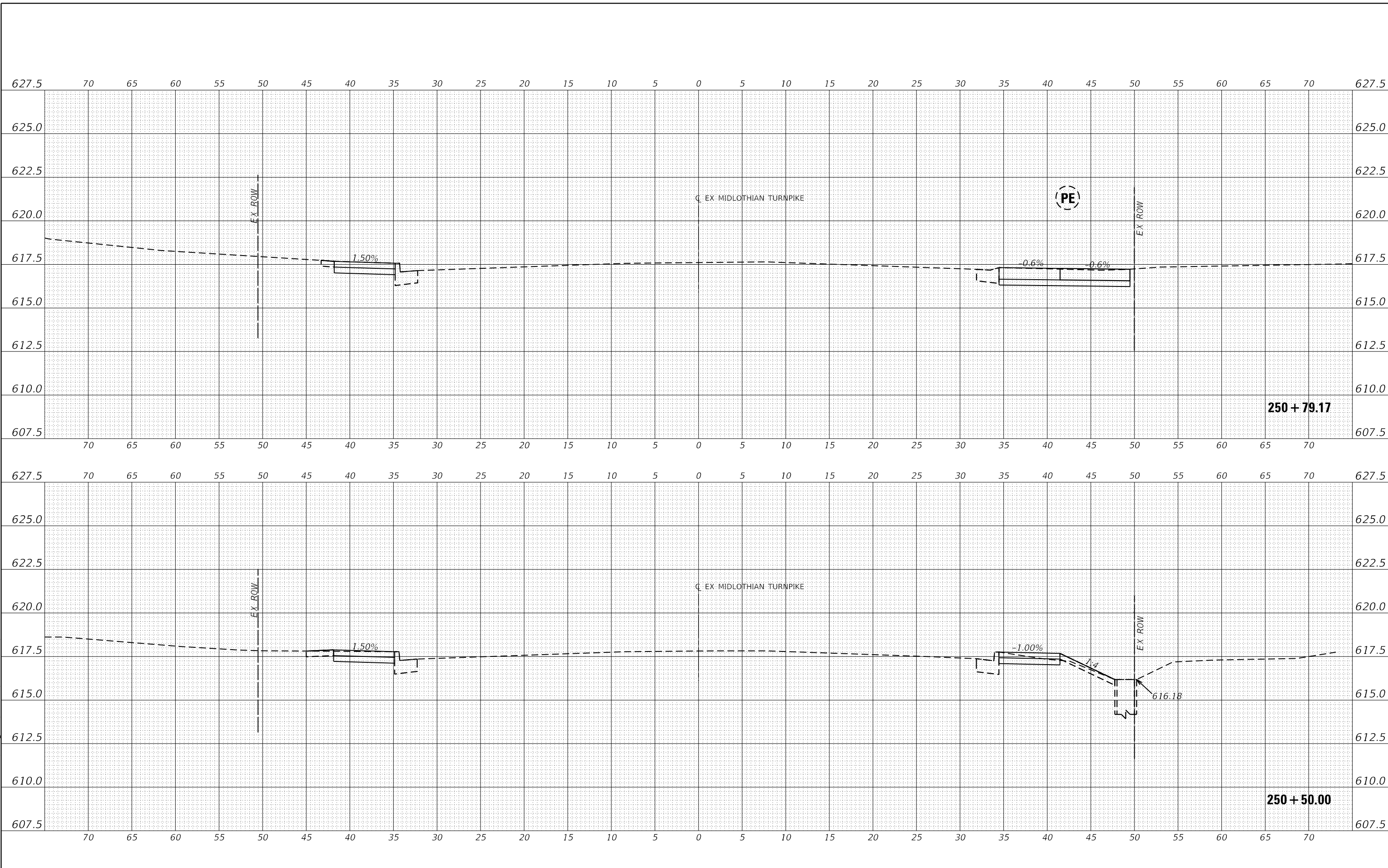
SCALE:	H: 1"=5'	SHEET	56	OF	147	SHEETS	STA. 249+00.00 TO STA. 249+50.00
	V: 1"=2.5'						

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	180
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
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NOTE BOOK	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
STRUCTURE	
NO.	
NOTE BOOK	
NO.	
CADD FILE NAME	

MODEL: E:\MIDCL_1
FILE NAME: J:\20160160996.00 - Crestwood - Midlothian Turnpike\04 - Drawings\04 - Design\0160996-sec.dgn



USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

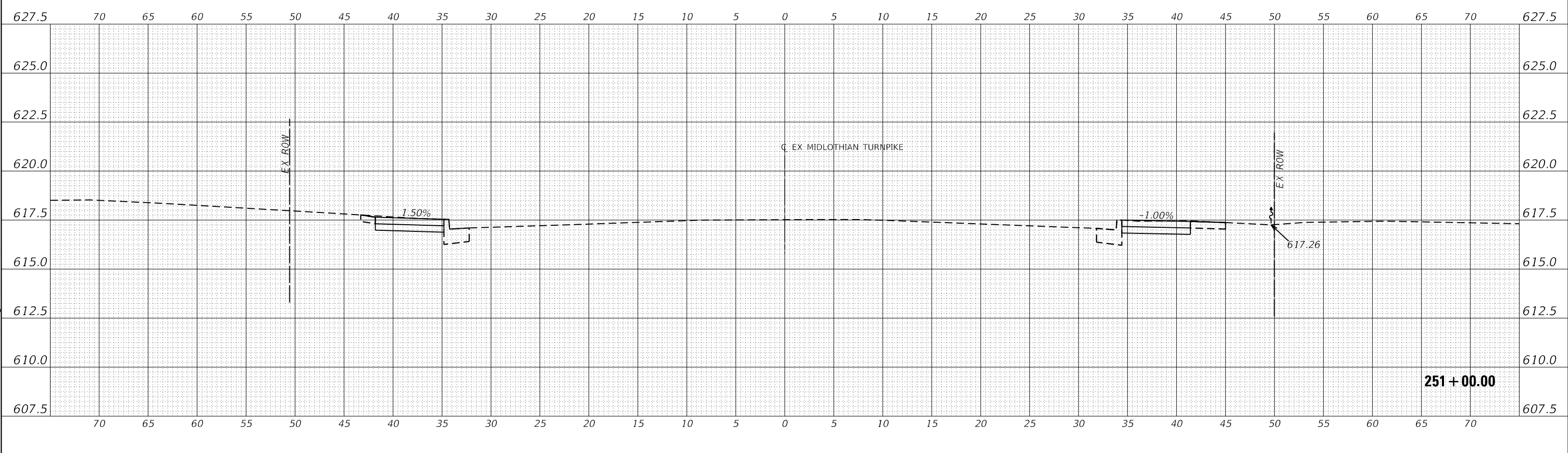
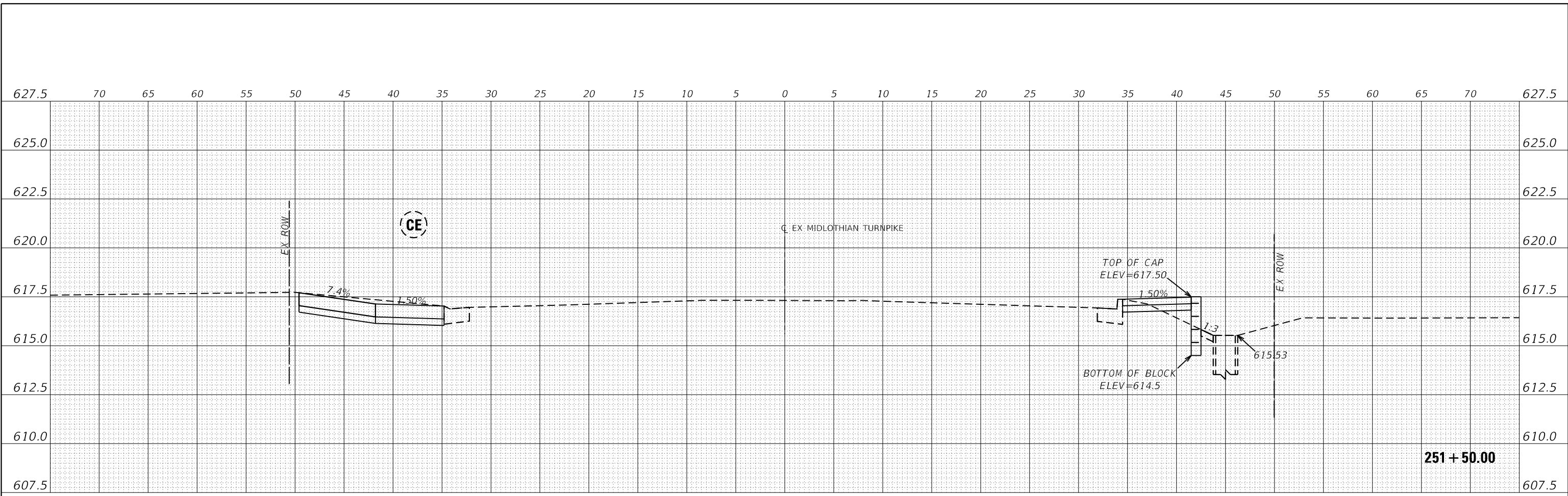
SCALE: H: 1"=5', V: 1"=2.5' SHEET 58 OF 147 SHEETS STA. 250+50.00 TO STA. 250+79.63

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	182
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
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NO.	
STRUCTURE	
NOTATION	
CPWD	

MODEL: EXMIDCL_1
 FILE NAME: J:\2016\160996\00 - Crestwood - Midlothian Turnpike\04 Drawings\04\Design\160996-sec.dgn



Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000 ' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

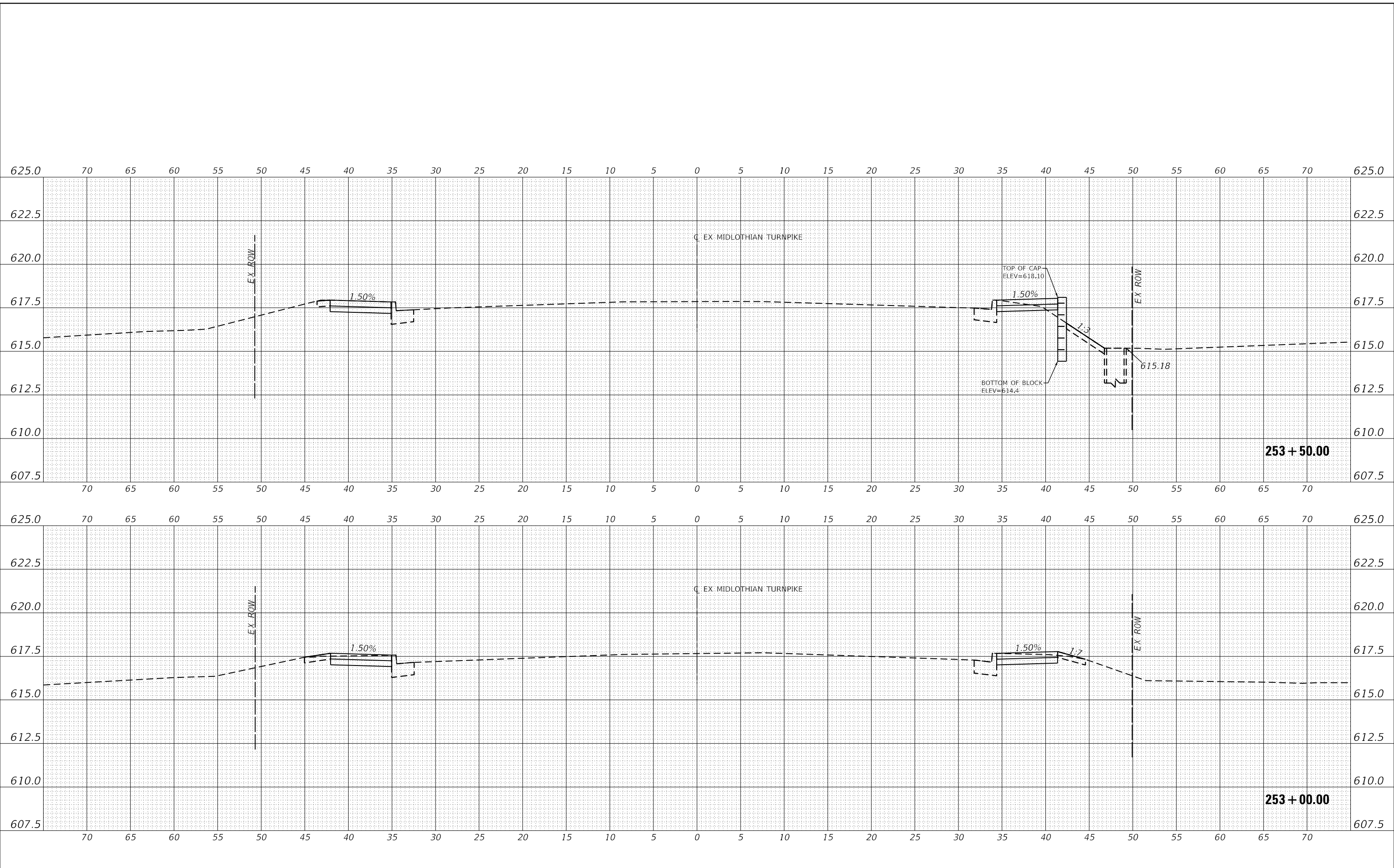
SCALE: H: 1"=5', V: 1"=2.5'		SHEET	59	OF	147	SHEETS	STA. 251+00.00 TO STA. 251+50.00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	183
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
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NOTE BOOK	
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CADD FILE NAME	

DATE	
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REVISIONS	
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GRADES	
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NOTE BOOK	
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STRUCTURE	
NOTATION	
CPWD	

MODEL: EXMIDCL_1
FILE NAME: J:\2016\160946-00 - Crestwood - Midlothian Turnpike\04 Drawings\04 Design\160946-00.dwg



USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

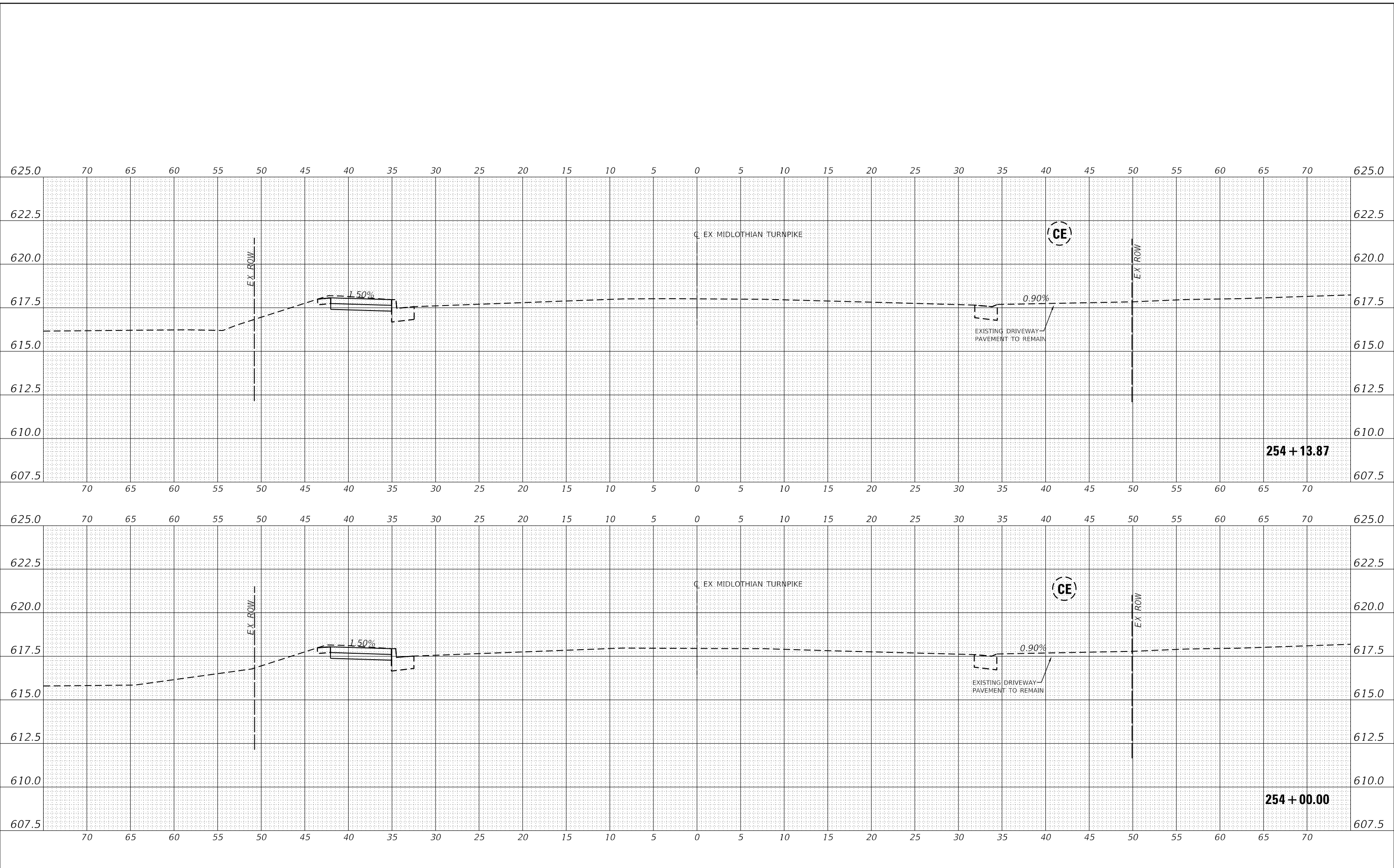
CROSS SECTIONS	
SCALE: H: 1" = 5'	SHEET 61 OF 147 SHEETS
V: 1" = 2.5'	STA. 253+00.00 TO STA. 253+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	185
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
PLANNED	
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NOTE BOOK	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
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NOTE BOOK	
STRUCTURE	
NOTATION	
CPWD	

MODEL: EXMIDCL_1
FILE NAME: J:\2016\160946-00 - Crestwood - Midlothian Turnpike\04 - Drawings\04 - Design\160946-00.dwg



USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1"=5'	
V: 1"=2.5'	
SHEET	62 OF 147 SHEETS
STA. 254+00.00 TO STA. 254+28.90	

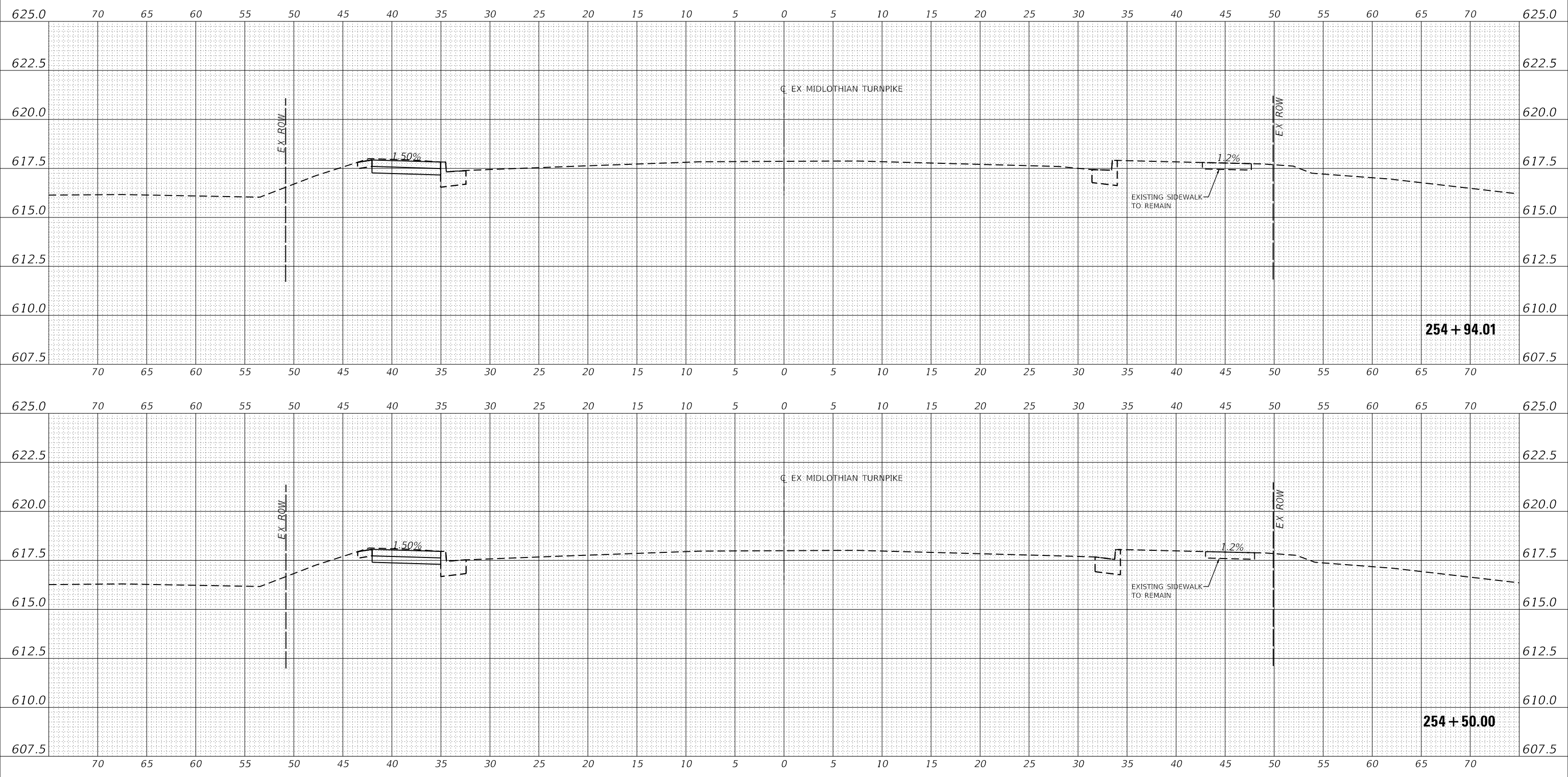
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	186
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
PLANNED	
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NOTE BOOK	
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DATE	
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REVISIONS	
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NOTE BOOK	
CADD FILE NAME	

MODEL: EXMIDCL_1
FILE NAME: J:\2016\160946-00 - Crestwood - Midlothian Turnpike\04 Drawings\04 Design\160946-00-sec.dgn



USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

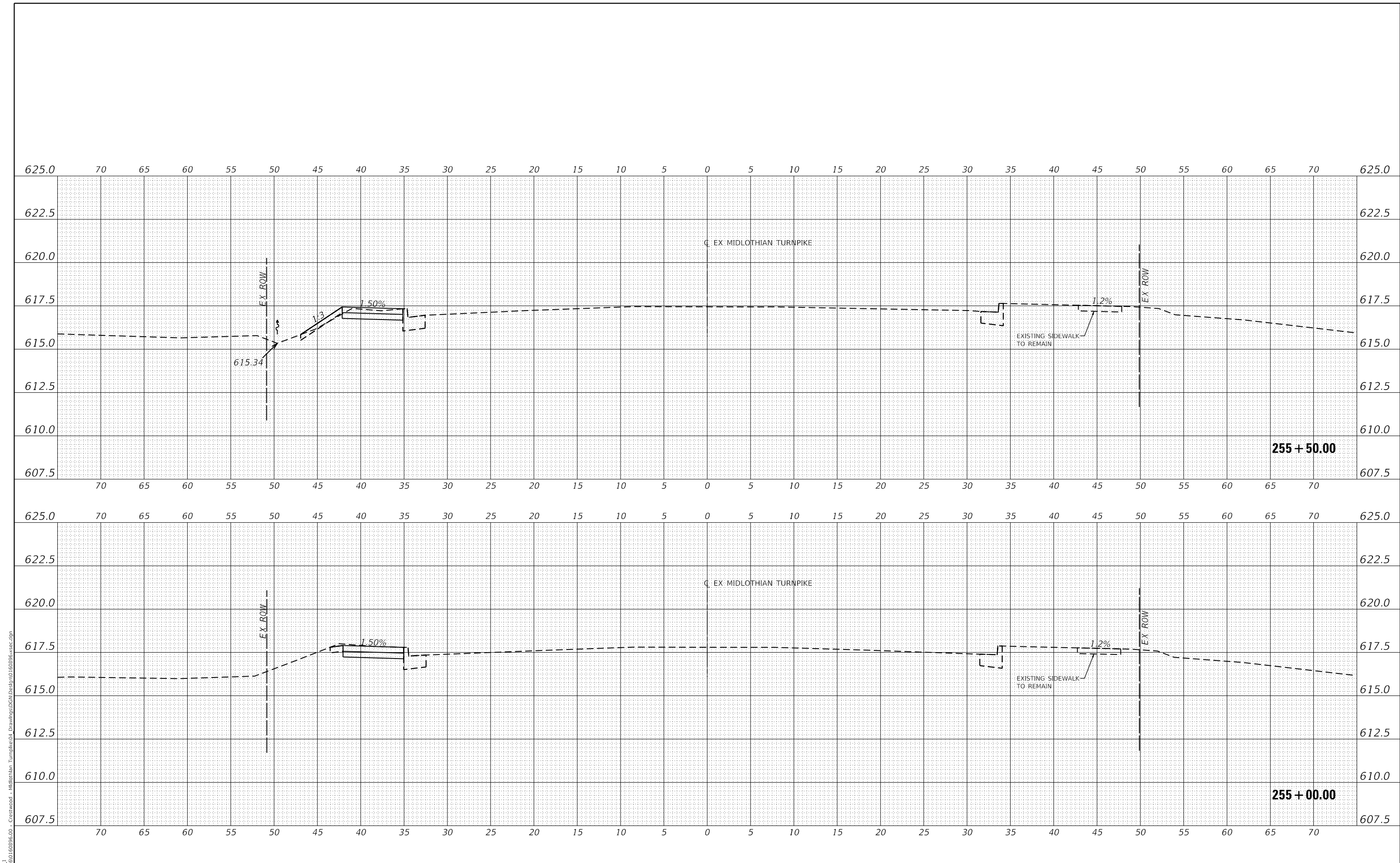
SCALE: H: 1" = 5'	
V: 1" = 2.5'	
SHEET	63 OF 147 SHEETS
STA. 254+50.00 TO STA. 254+94.01	

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	187
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
PLANNED	
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CADD FILE NAME	

DATE	
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REVISIONS	
PLANNED	
GRADES	
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STRUCTURE	
NOTATION	
CPWD	



Farnsworth GROUP

 1011 WARRENVILLE ROAD, SUITE 375

 LISLE, ILLINOIS 60532

 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN MEP	REVISED -
PLOT DATE = 9/6/2022	CHECKED ERB	REVISED -
	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

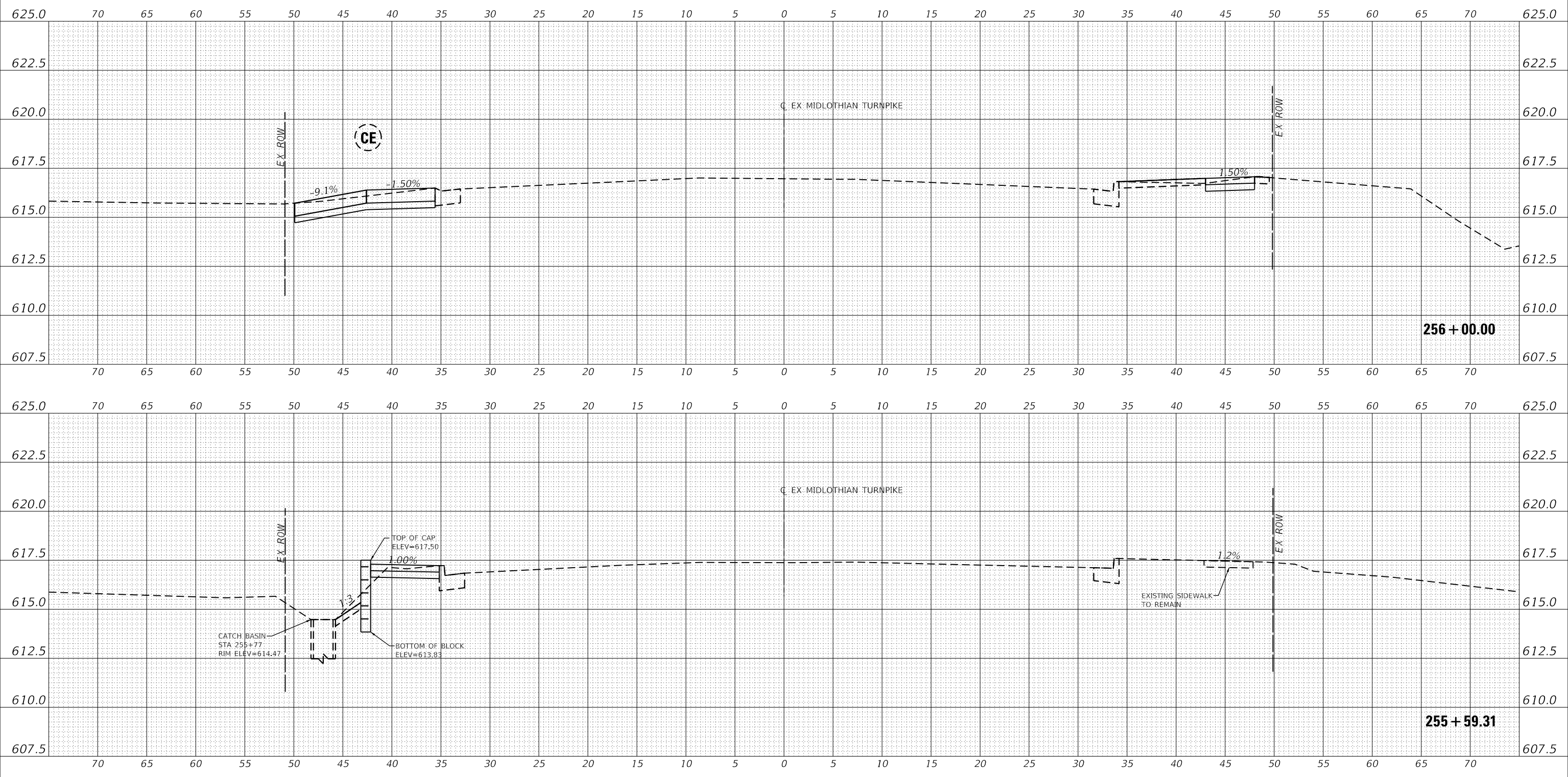
SCALE: H: 1" = 5'	SHEET 64 OF 147 SHEETS	STA. 255+00.00 TO STA. 255+50.00
V: 1" = 2.5'		

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	188
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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NOTE BOOK	
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REVISIONS	
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GRADES	
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CADD FILE NAME	



MODEL: EXMIDCL_1
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USER NAME = dreimer
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 9/6/2022

DESIGNED MEP
 DRAWN MEP
 CHECKED ERB
 DATE 09/02/22

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

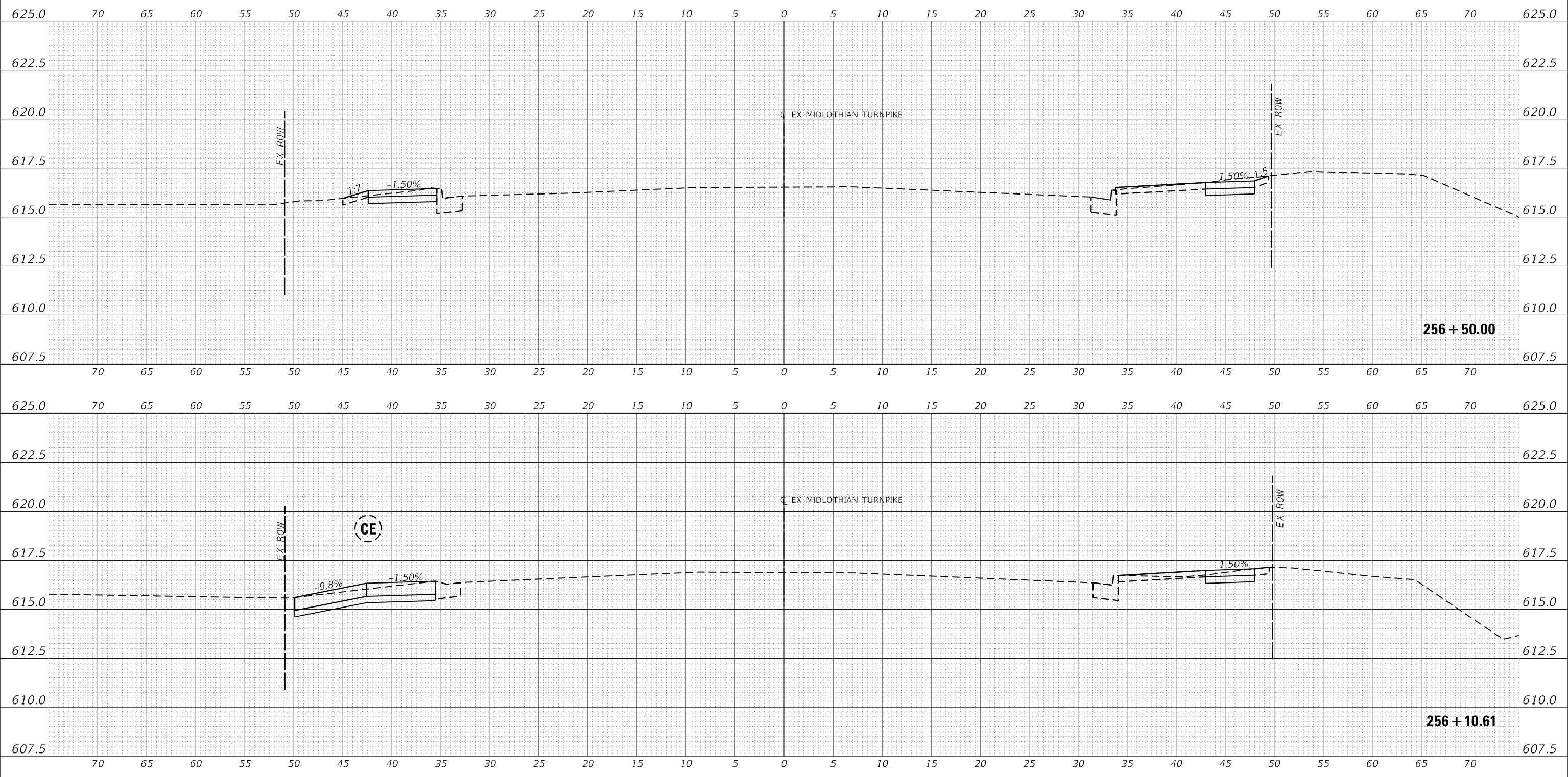
CROSS SECTIONS
 SCALE: H: 1" = 5', V: 1" = 2.5'
 SHEET 65 OF 147 SHEETS
 STA. 255+59.07 TO STA. 256+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	189
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
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NOTE BOOK	
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DATE	
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REVISIONS	
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NOTE BOOK	
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MODEL: EXMIDCL_1
 FILE NAME: J:\2016\160946-00 - Crestwood - Midlothian Turnpike\04 - Drawings\04 - Design\160946-00.dwg



USER NAME	= dreimer
DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22
PLOT SCALE	= 10.0000' / in.
PLOT DATE	= 9/6/2022

DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

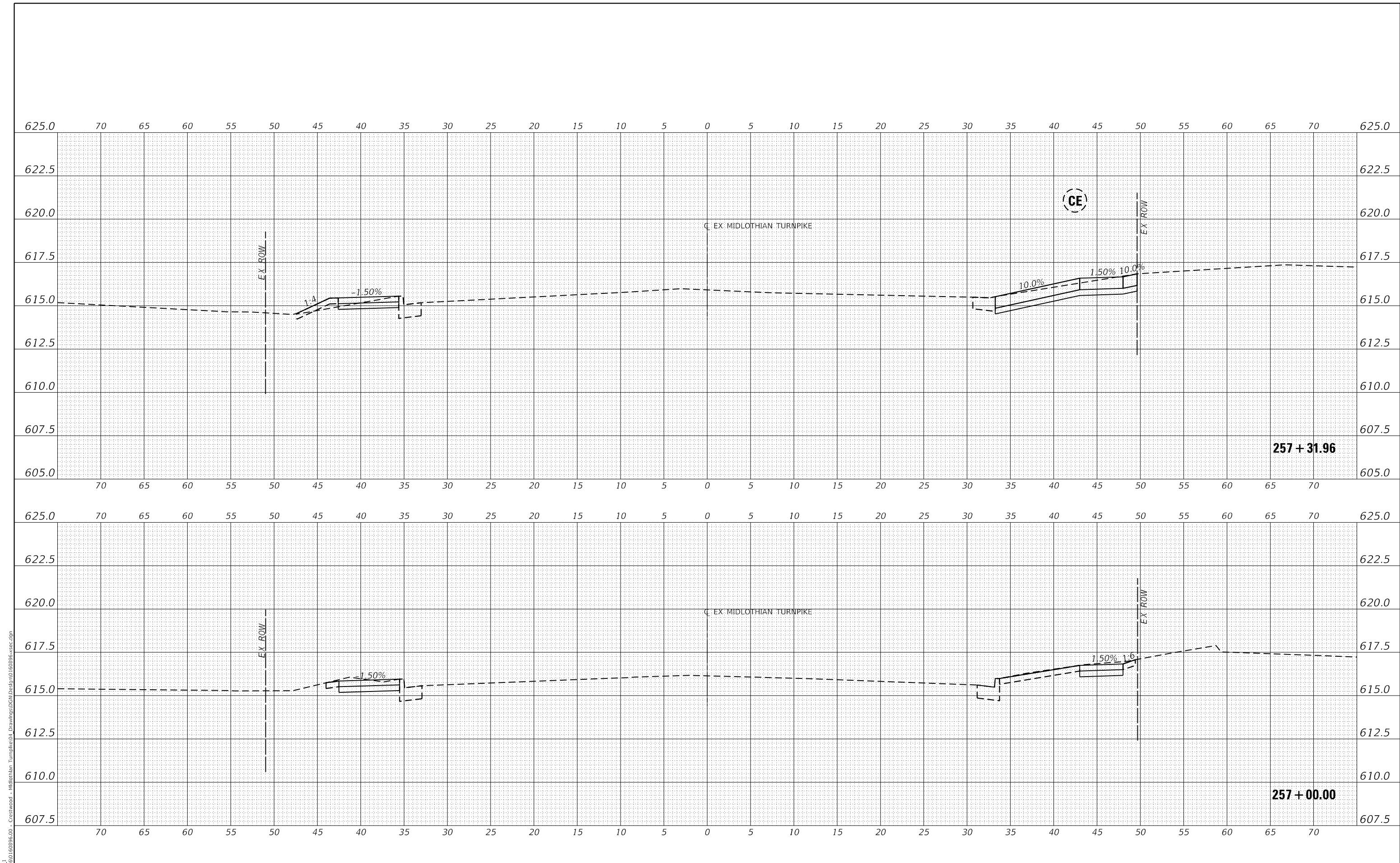
CROSS SECTIONS

SCALE: H: 1"=5'
 V: 1"=2.5'
 SHEET 66 OF 147 SHEETS STA. 256+10.76 TO STA. 256+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	190
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
PLANNED	
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NOTE BOOK	
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DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
NO.	
NOTE BOOK	
CADD FILE NAME	



Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

USER NAME = dreimer	DESIGNED MEP	REVISED -
	DRAWN MEP	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED ERB	REVISED -
PLOT DATE = 9/6/2022	DATE 09/02/22	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

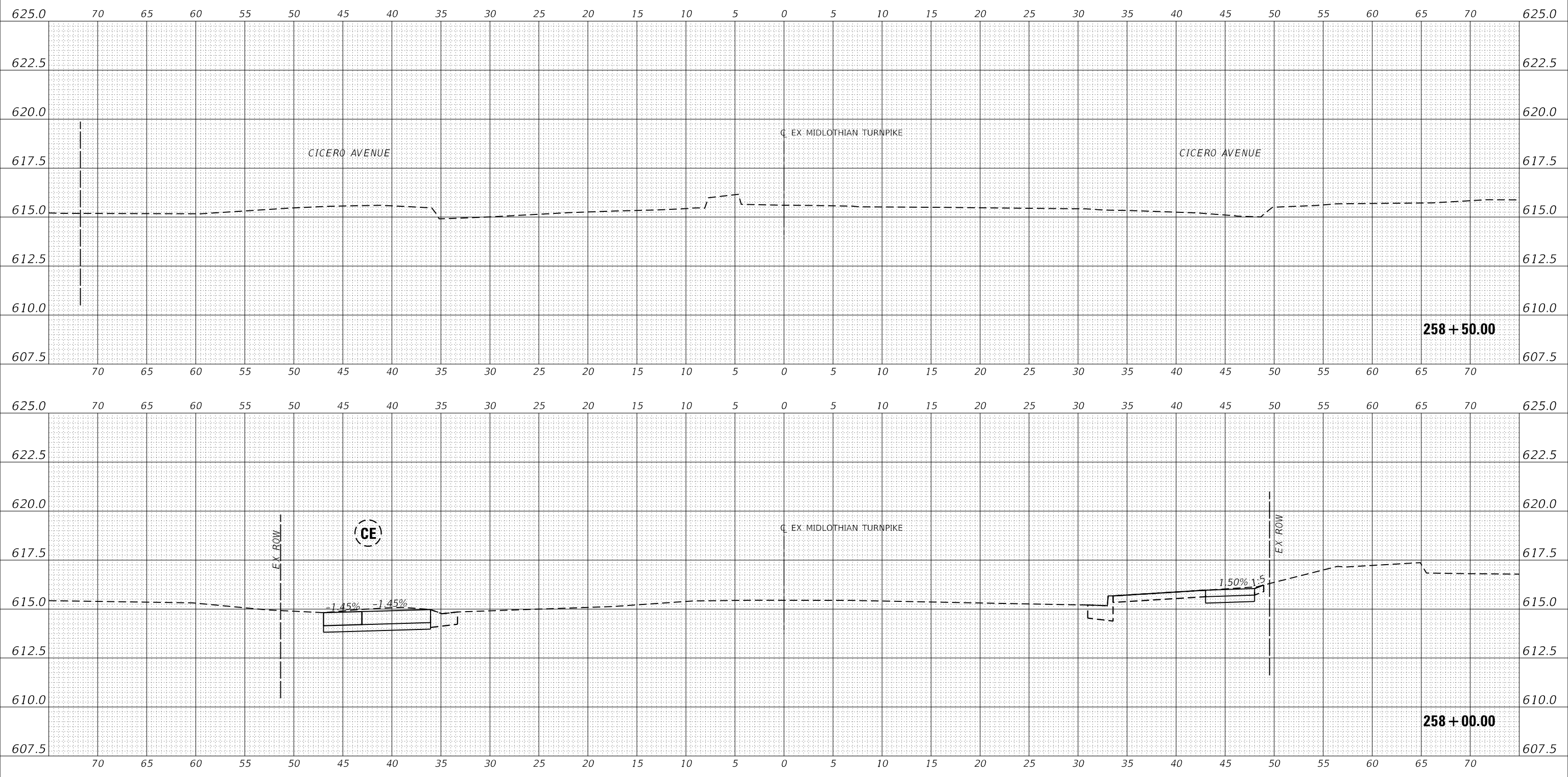
CROSS SECTIONS	
SCALE: H: 1"=5', V: 1"=2.5'	SHEET 67 OF 147 SHEETS
STA. 257+00.00 TO STA. 257+31.89	

F.A.U. RTE. 1600	SECTION 15-00036-00-BT	COUNTY COOK	TOTAL SHEETS 271	SHEET NO. 191
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
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REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO. _____	
NOTE BOOK	
NO. _____	
CADD FILE NAME	

DATE	
BY	
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PLANNED	
GRADES	
CHECKED	
NO. _____	
NOTE BOOK	
NO. _____	
STRUCTURE	
NOTATION	
CPWD	

MODEL: EXMIDCL_1
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USER NAME = dreimer
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 9/6/2022

DESIGNED MEP
 DRAWN MEP
 CHECKED ERB
 DATE 09/02/22

REVISED -
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 REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

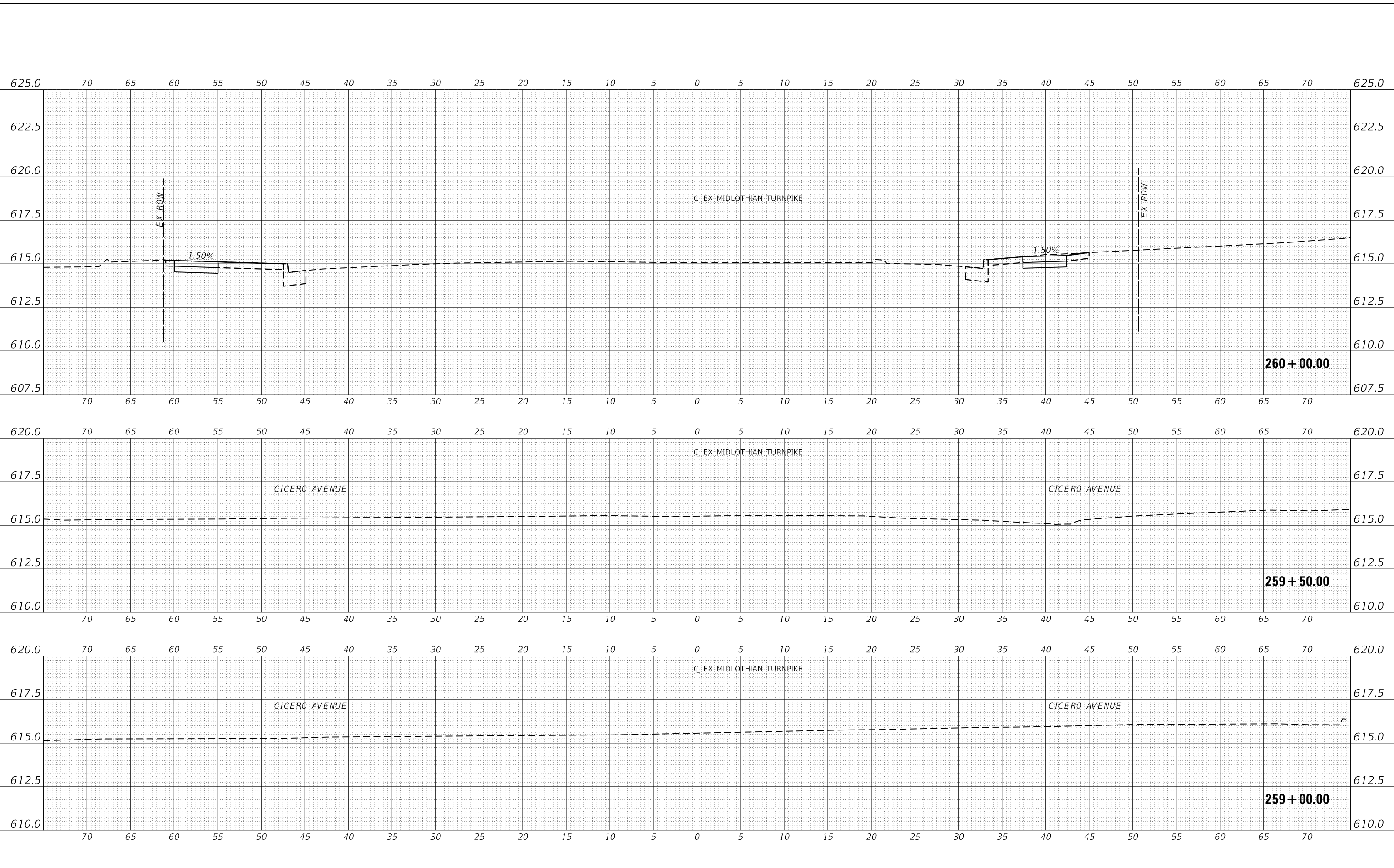
SCALE: H: 1"=5'
 V: 1"=2.5'
 SHEET 69 OF 147 SHEETS
 STA. 258+00.00 TO STA. 258+50.00

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	193
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
NOTE BOOK	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
NO.	
NOTE BOOK	
NO.	
FILE NAME	



MODEL: EXMIDCL_1
 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\DCM\Design\0160996-sec.dwg



USER NAME	= dreimer
DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22
PLLOT SCALE	= 10.0000" / in.
PLLOT DATE	= 9/6/2022

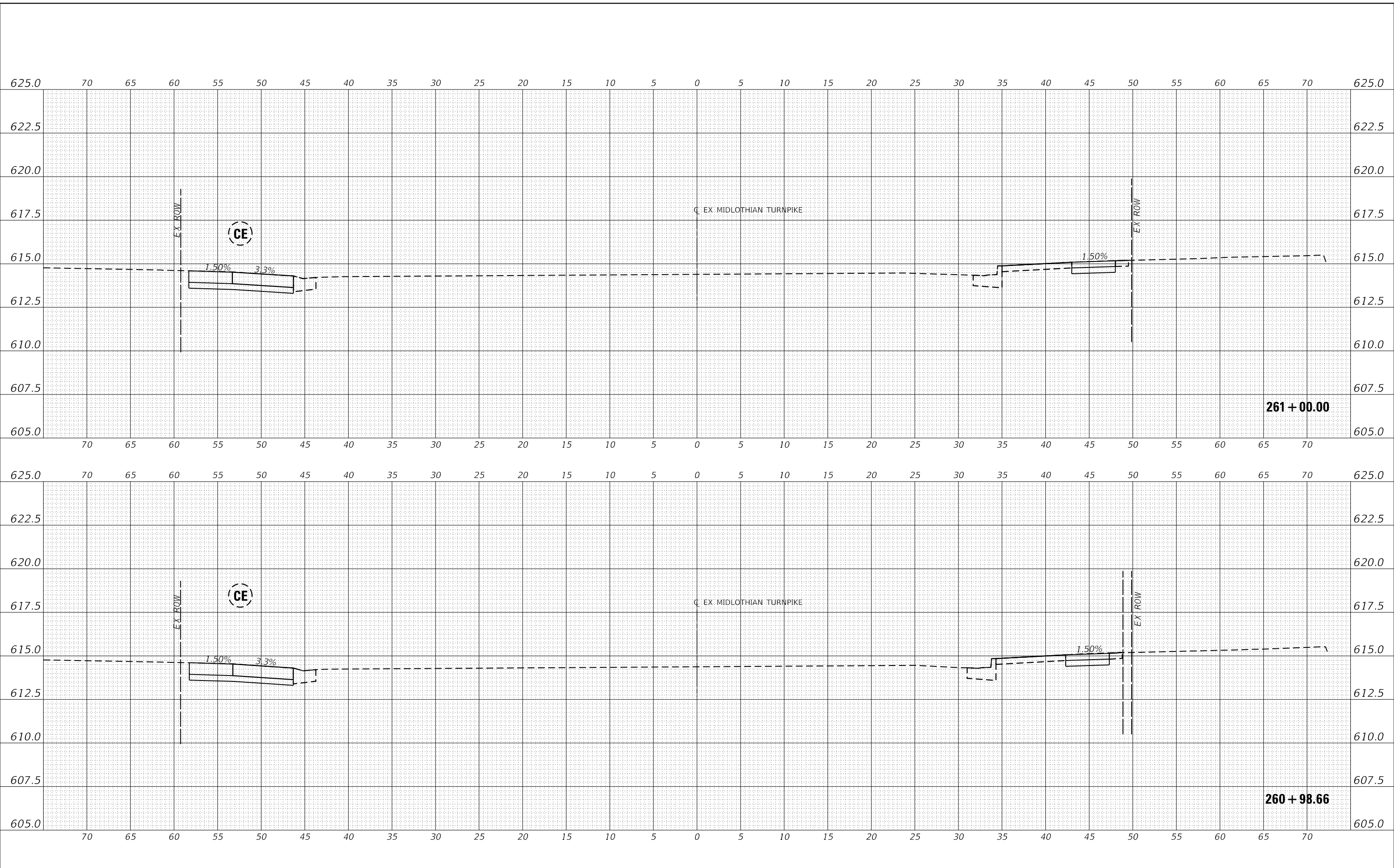
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H: 1"=50'	
V: 1"=2.5'	
SHEET	70 OF 147 SHEETS
STA. 259+00.00 TO STA. 260+00.00	

CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	194
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
NOTE BOOK	
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CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
NO.	
NOTE BOOK	
NO.	
STRUCTURE	
NOTATION	
CPWD	

MODEL: EXMIDCL_1
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USER NAME	= dreimer
DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22
PLOT SCALE	= 10.0000' / in.
PLOT DATE	= 9/6/2022

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H: 1"=5'	
V: 1"=2.5'	
SHEET 72	OF 147 SHEETS
STA. 260+98.54 TO STA. 261+00.00	

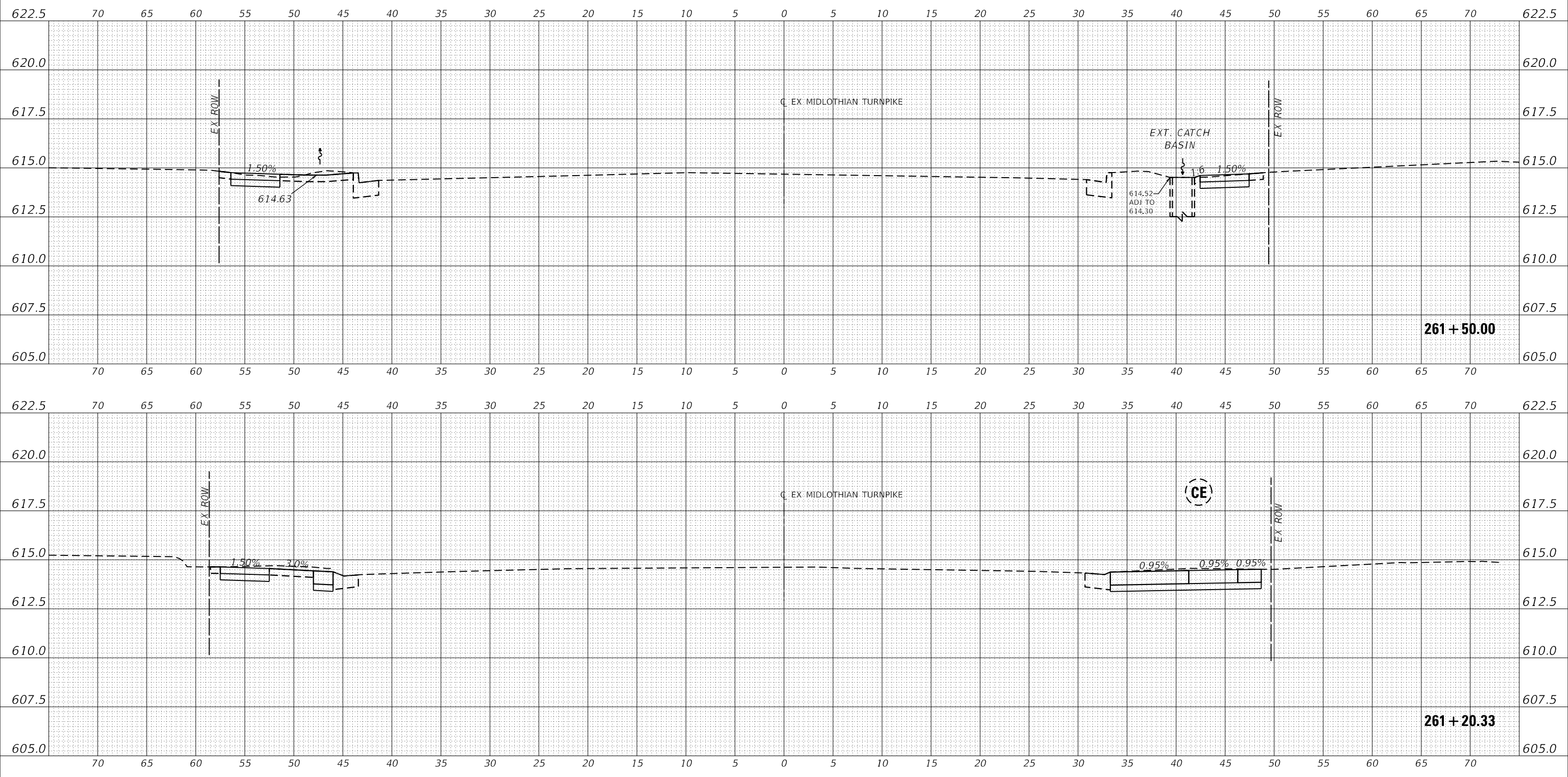
CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	196
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNMENT CHECKED	
NOTE BOOK	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES CHECKED	
NOTE BOOK	
NO.	
STRUCTURE NOTATIONS	
CIPWD	

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FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\04 - Design\0160996-00.dwg



USER NAME	= dreimer	DESIGNED	MEP	REVISED	-
		DRAWN	MEP	REVISED	-
PLOT SCALE	= 10.0000' / in.	CHECKED	ERB	REVISED	-
PLOT DATE	= 9/6/2022	DATE	09/02/22	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

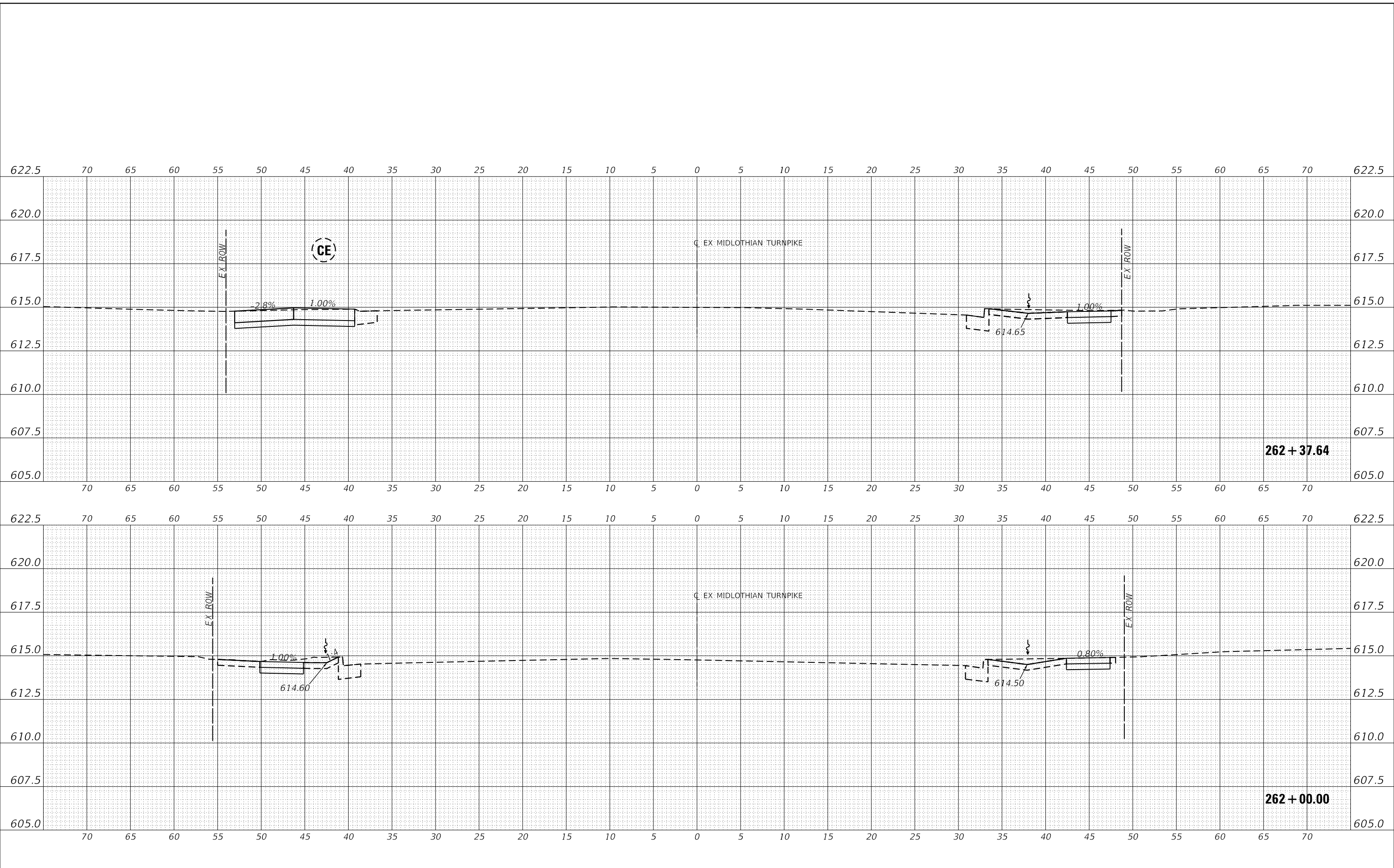
CROSS SECTIONS	
SCALE: H: 1" = 5'	SHEET 73 OF 147 SHEETS
V: 1" = 2.5'	STA. 261+20.51 TO STA. 261+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	197
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
NO.	
STRUCTURE	
NOTATION	
CPWD	

MODEL: EXMIDCL_1
FILE NAME: J:\20160160906-00 - Crestwood - Midlothian Turnpike\04 Drawings\04 Design\0160906-sec.dgn



Farnsworth GROUP
1011 WARRENVILLE ROAD, SUITE 375
LISLE, ILLINOIS 60532
(630) 296-5877 / info@f-w.com

USER NAME	= dreimer
DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22
REVISIONS	-
REVISIONS	-
REVISIONS	-
REVISIONS	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 74 OF 147 SHEETS
V: 1"=2.5'	STA. 262+00.00 TO STA. 262+37.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	198
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

REVISIONS	DATE
BY	
PLANNING	
DESIGNED	
CHECKED	
DATE	
NO.	

REVISIONS	DATE
BY	
PLANNING	
DESIGNED	
CHECKED	
DATE	
NO.	

Farnsworth GROUP
 1011 WARRENVILLE ROAD, SUITE 375
 LISLE, ILLINOIS 60532
 (630) 296-5877 / info@f-w.com

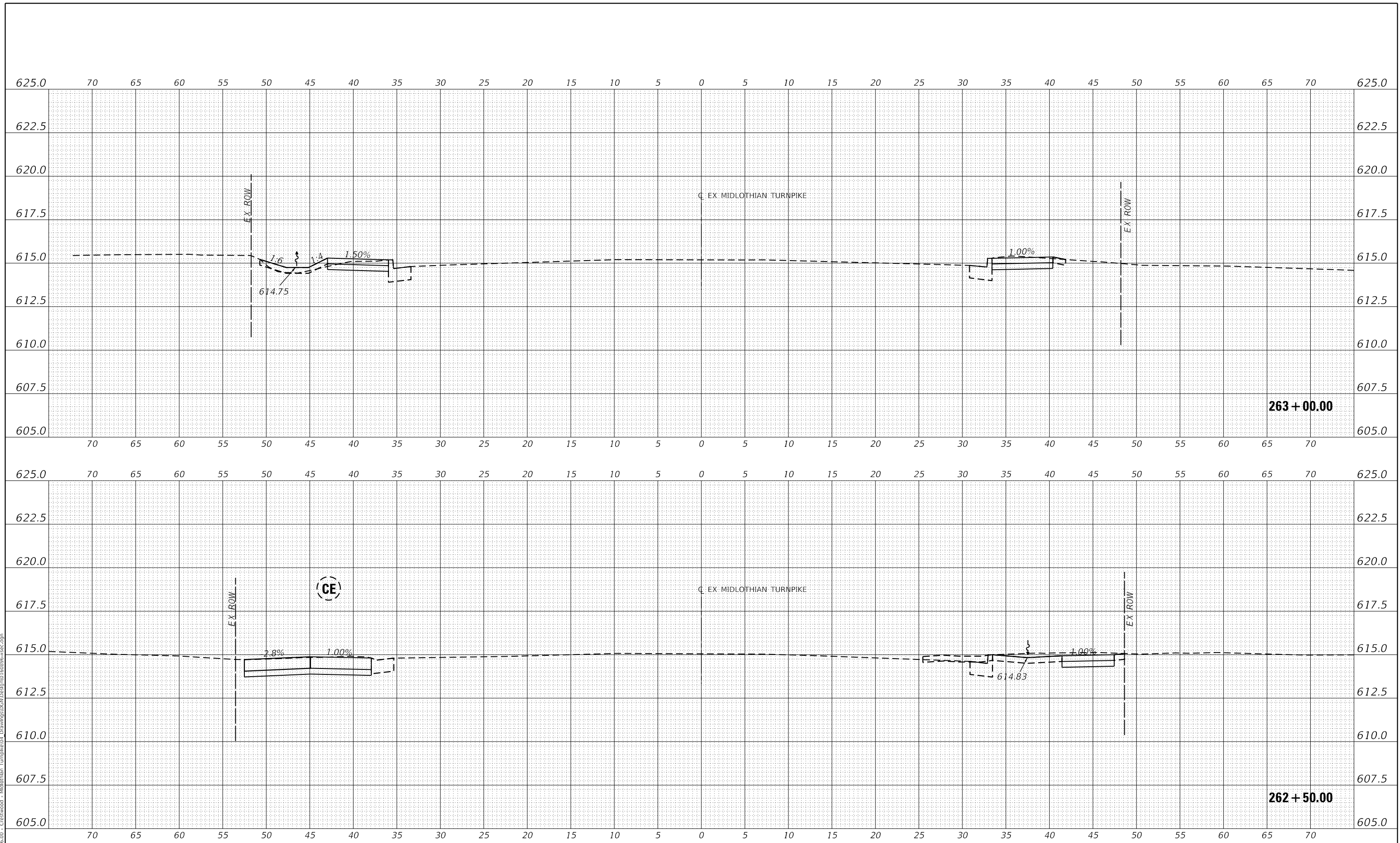
USER NAME = dreimer	DESIGNED MEP	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN MEP	REVISED -
PLOT DATE = 9/6/2022	CHECKED ERB	REVISED -
	DATE 09/02/22	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: H: 1" = 5', V: 1" = 2.5' SHEET 75 OF 147 SHEETS STA. 262+50.00 TO STA. 263+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	199
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				

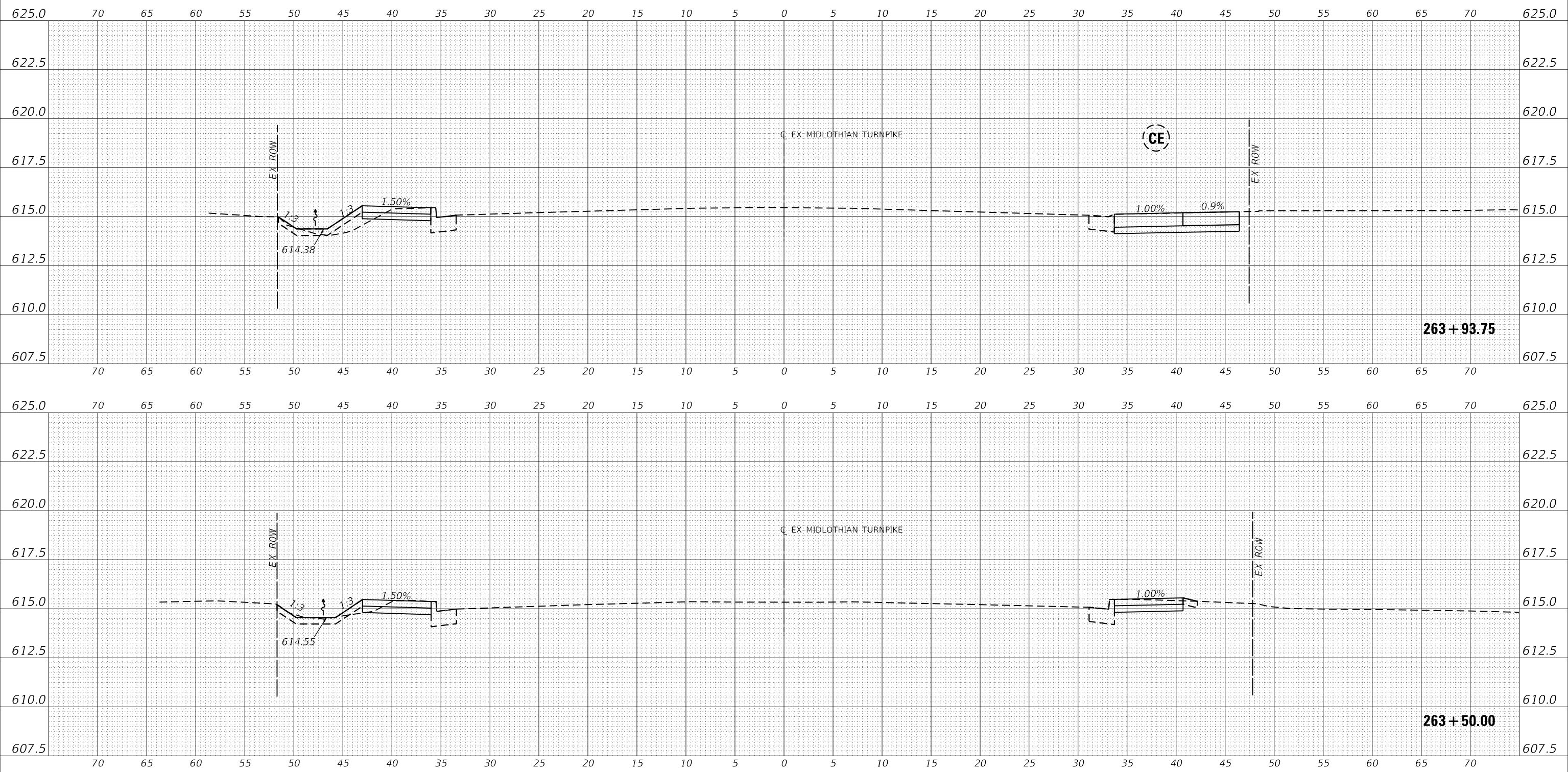


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DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
NOTE BOOK	
CADD FILE NAME	

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
NOTE BOOK	
CADD FILE NAME	

MODEL: E:\MIDCL_1
 FILE NAME: J:\20160160996-00 - Crestwood - Midlothian Turnpike\04 - Drawings\04 - Design\0160996-sec.dgn



Farnsworth GROUP
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USER NAME	= dreimer
DESIGNED	MEP
DRAWN	MEP
CHECKED	ERB
DATE	09/02/22
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: H: 1"=5'	SHEET 76 OF 147 SHEETS
V: 1"=2.5'	STA. 263+50.00 TO STA. 263+93.86

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1600	15-00036-00-BT	COOK	271	200
CONTRACT NO. 61H12				
ILLINOIS FED. AID PROJECT				