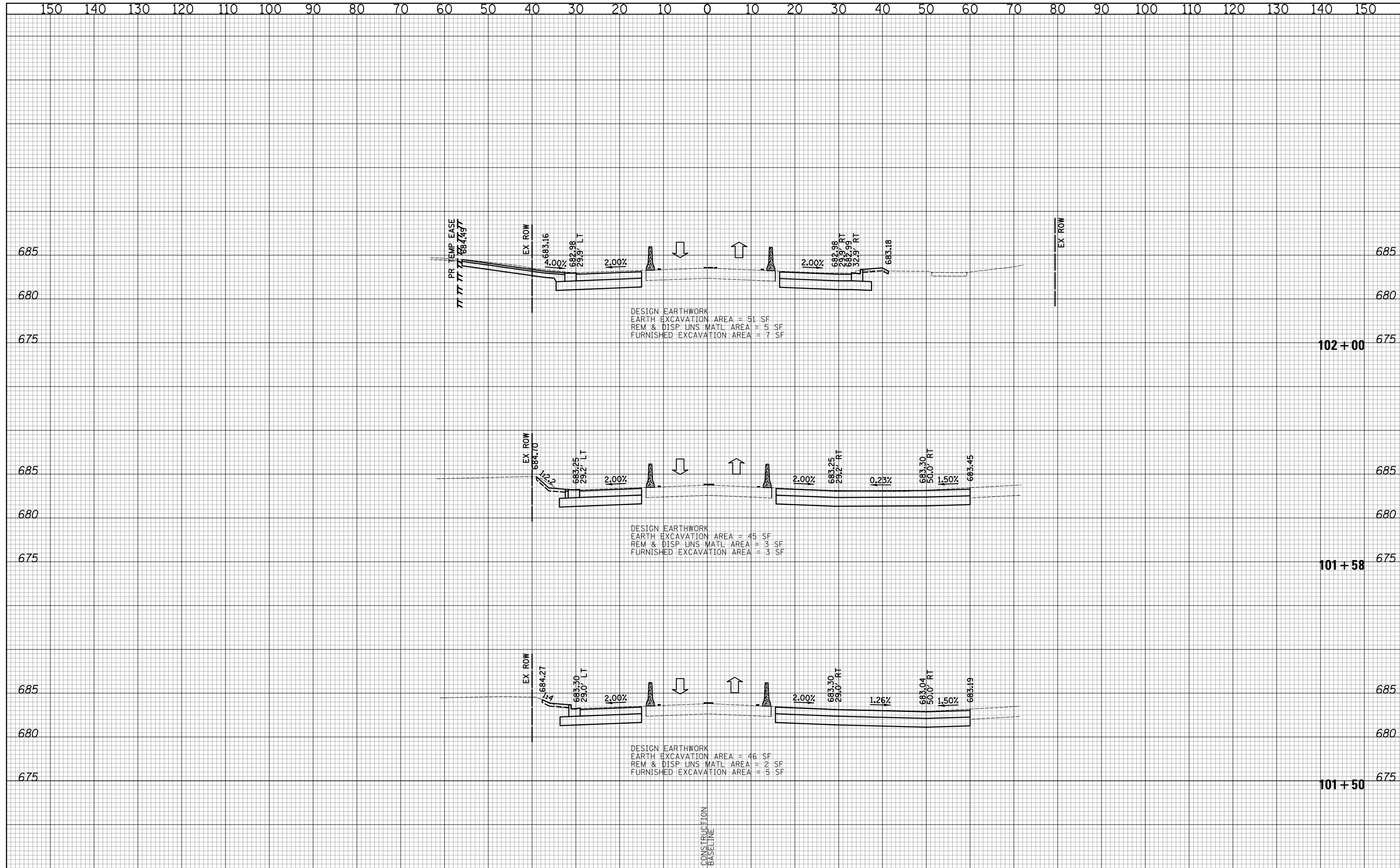


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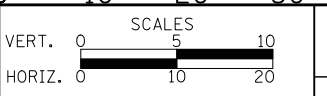
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DATE - 6/10/2019	REVISED -

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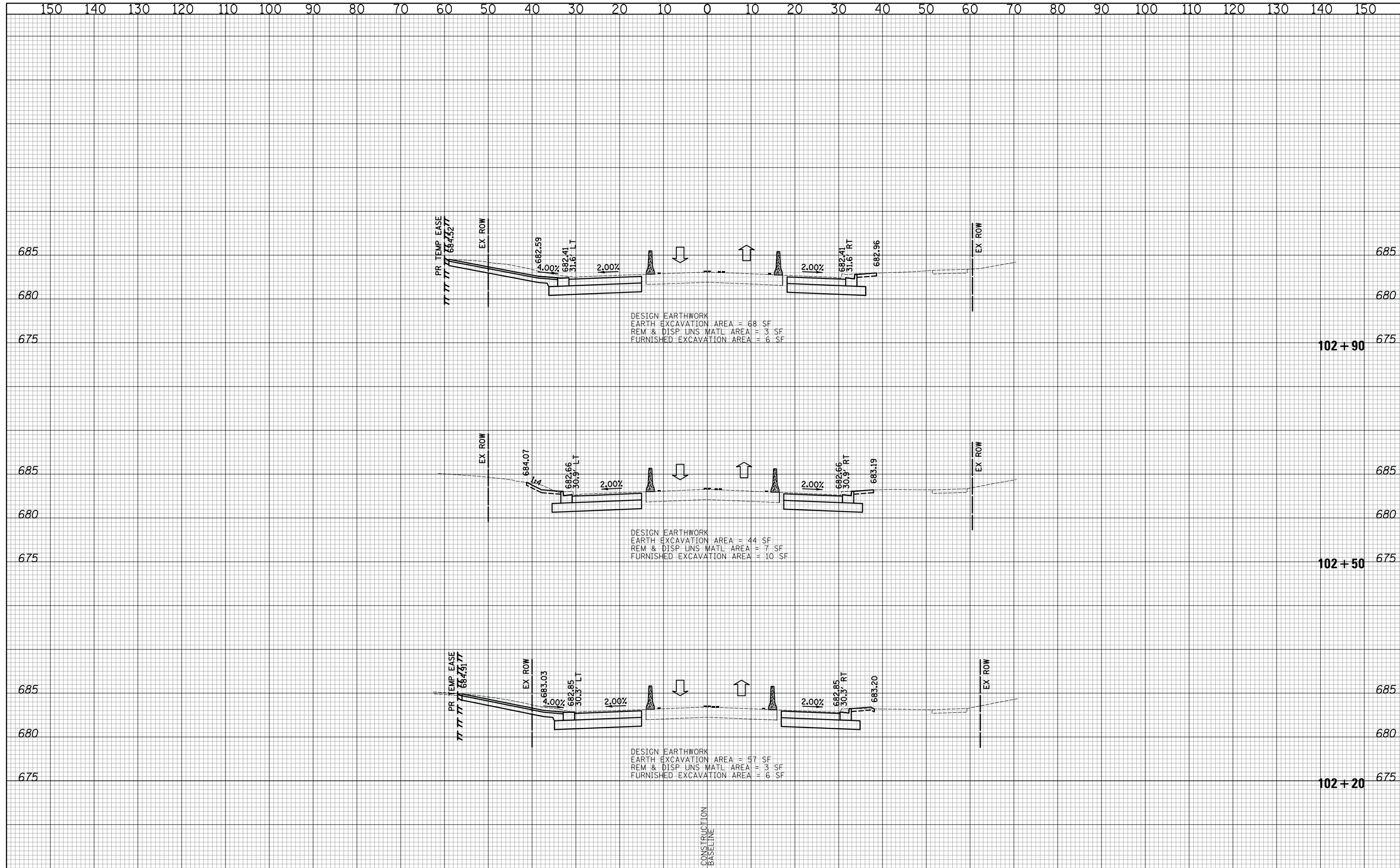
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 2 OF 22 SHEETS STA. 101+50 TO STA. 102+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	401
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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TEMPLATE	
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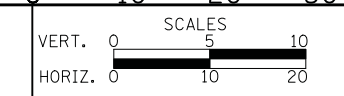
DATE	
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SURVEYED	
PLOTTED	
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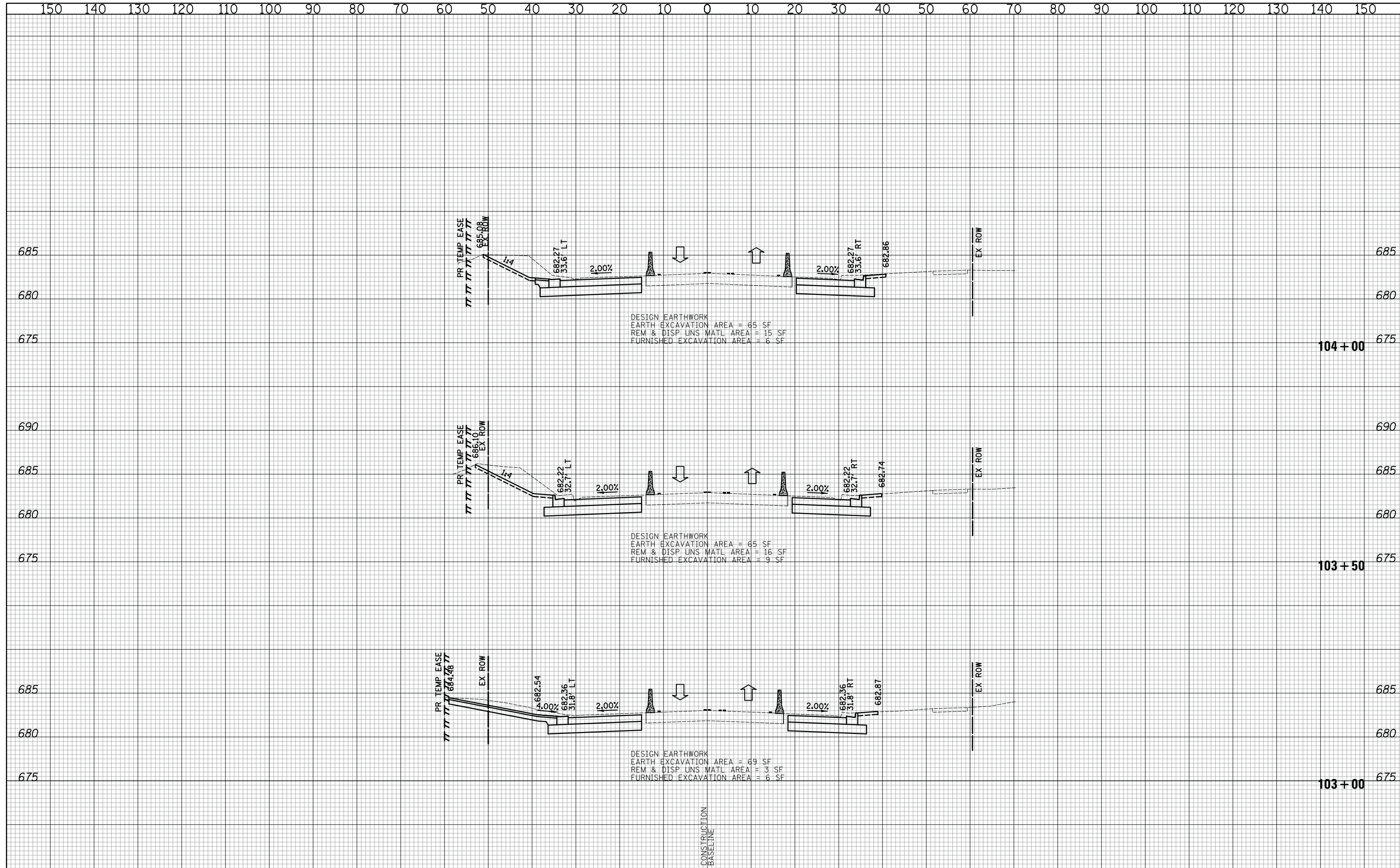
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 3 OF 22 SHEETS STA. 102+20 TO STA. 102+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	402
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
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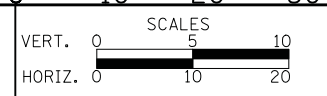
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SURVEYED	
PLOTTED	
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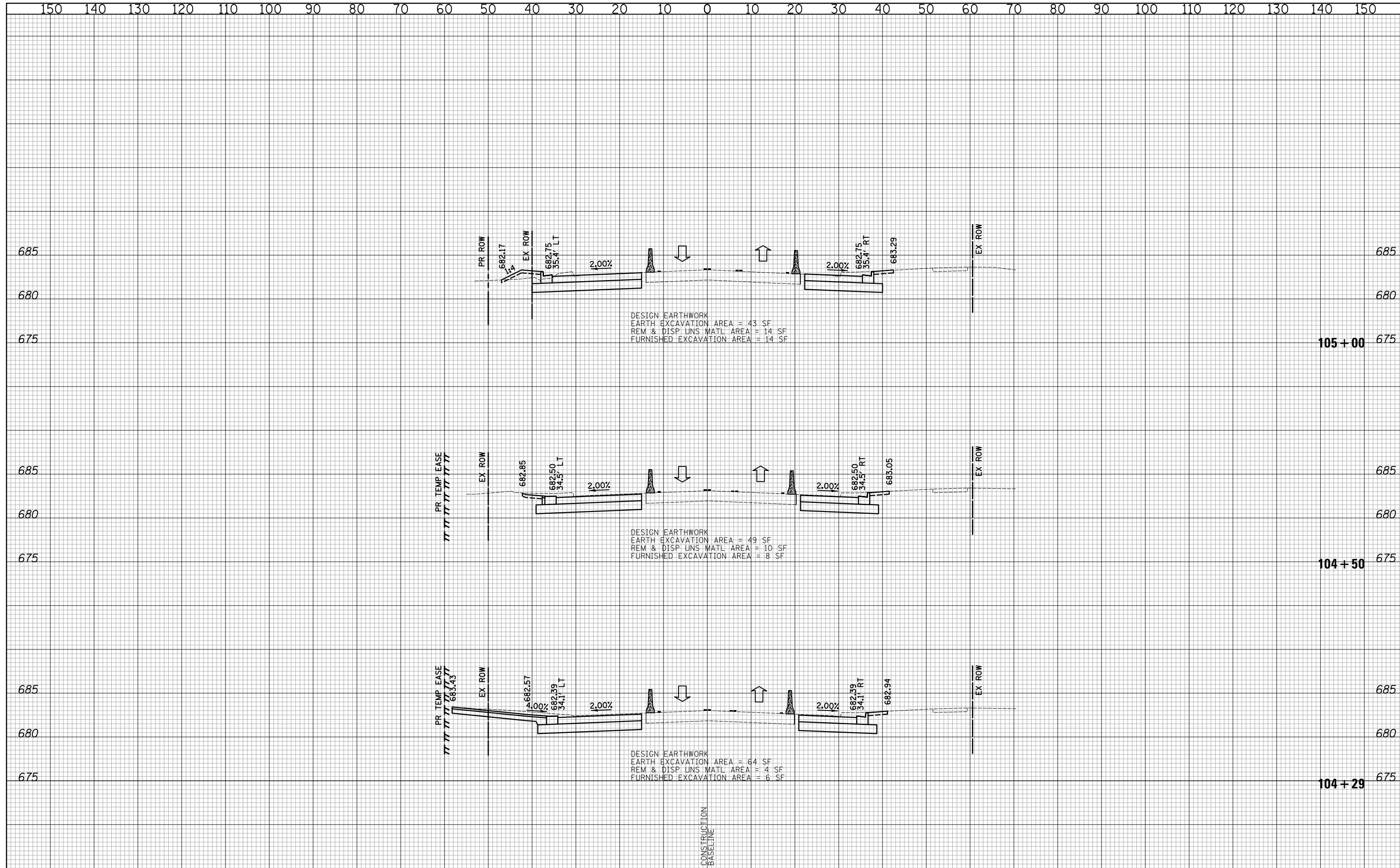
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 4 OF 22 SHEETS STA. 103+00 TO STA. 104+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	403
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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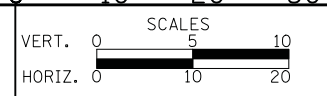
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DATE - 6/10/2019	REVISED -

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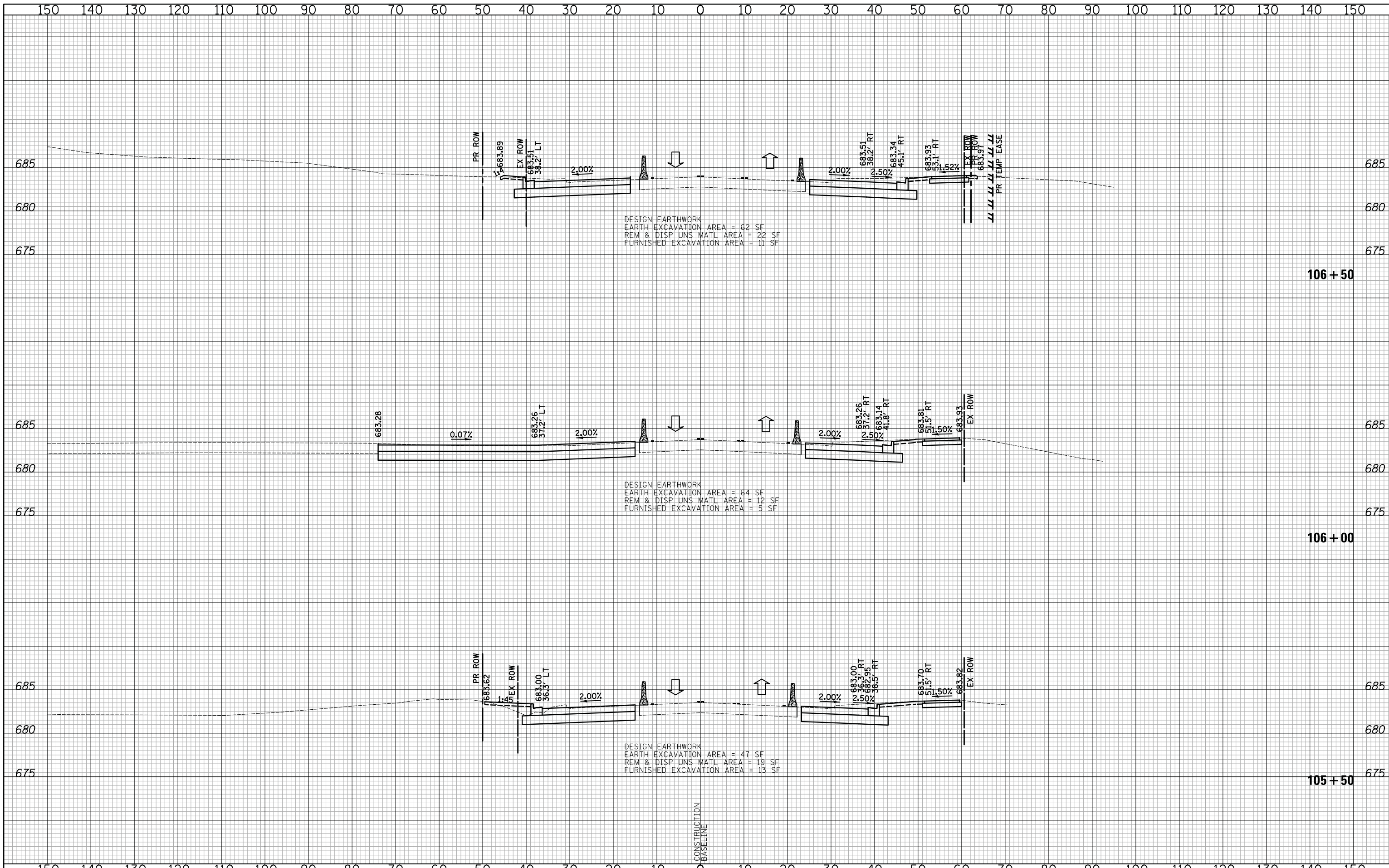
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 5 OF 22 SHEETS STA. 104+29 TO STA. 105+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	404
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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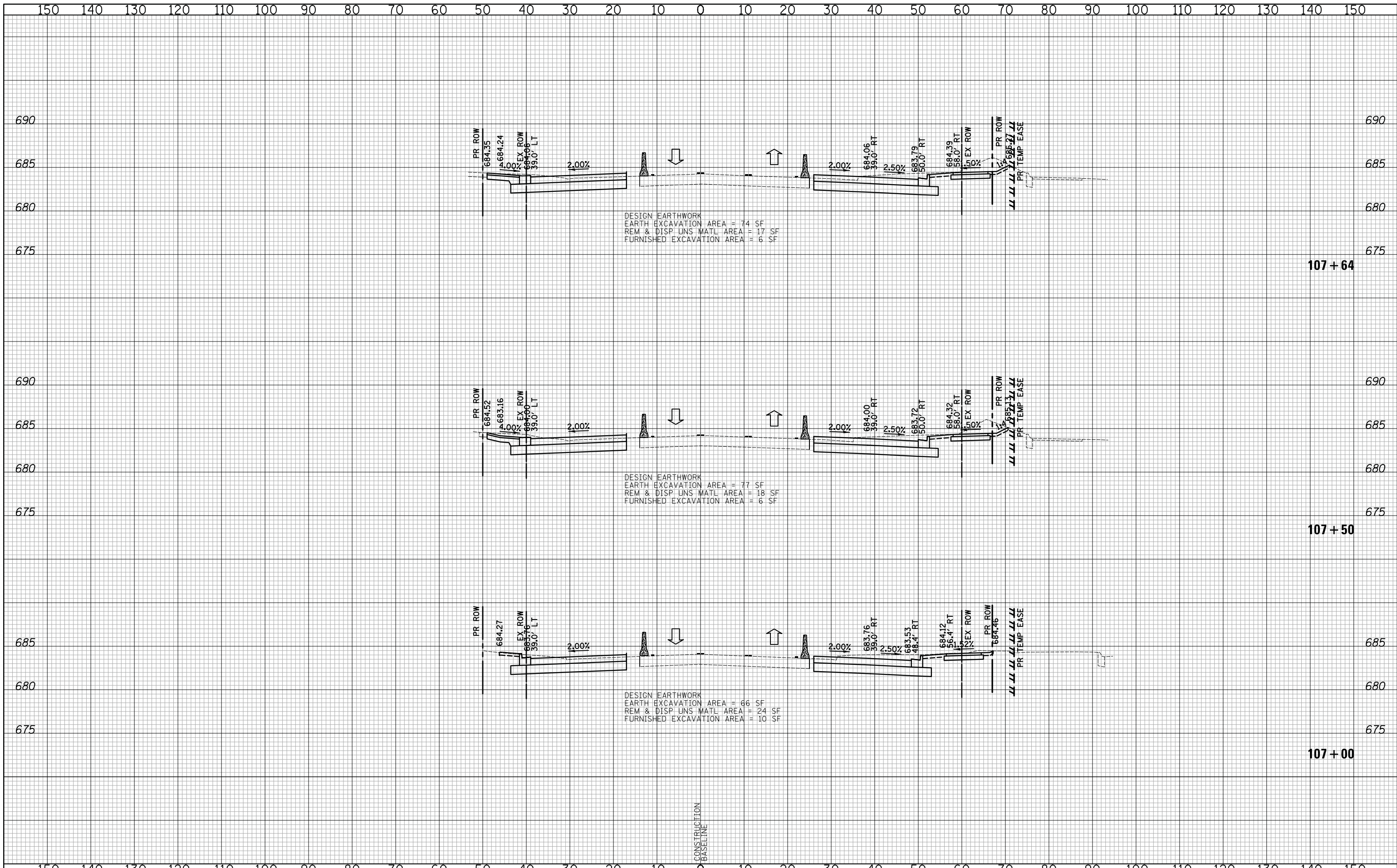
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DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	405
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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NOTE BOOK	
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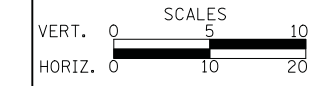
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ORIGINAL SURVEY	
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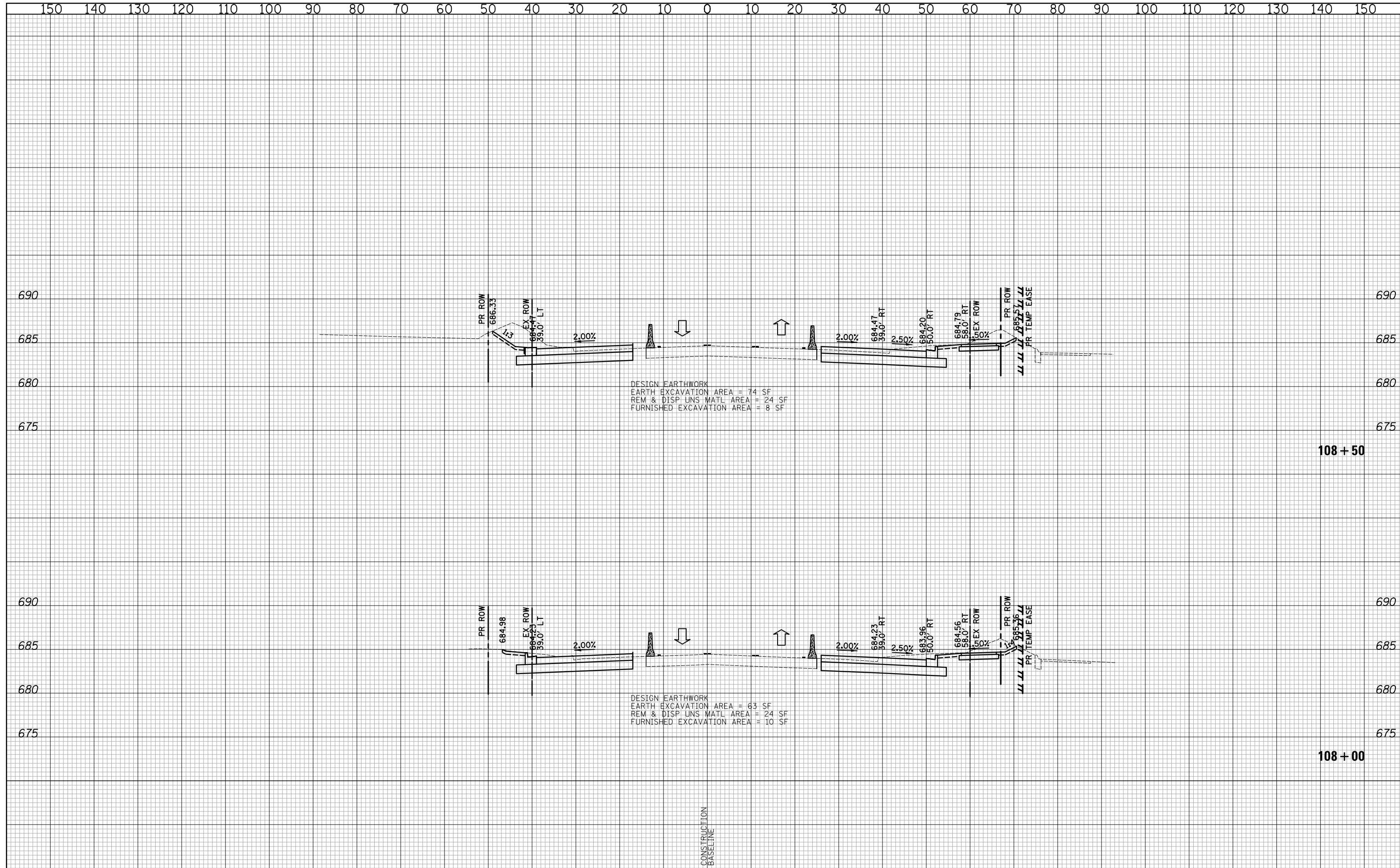
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 7 OF 22 SHEETS STA. 107+00 TO STA. 107+64

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	406
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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NOTE BOOK	
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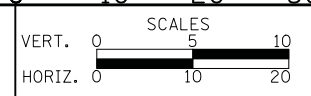
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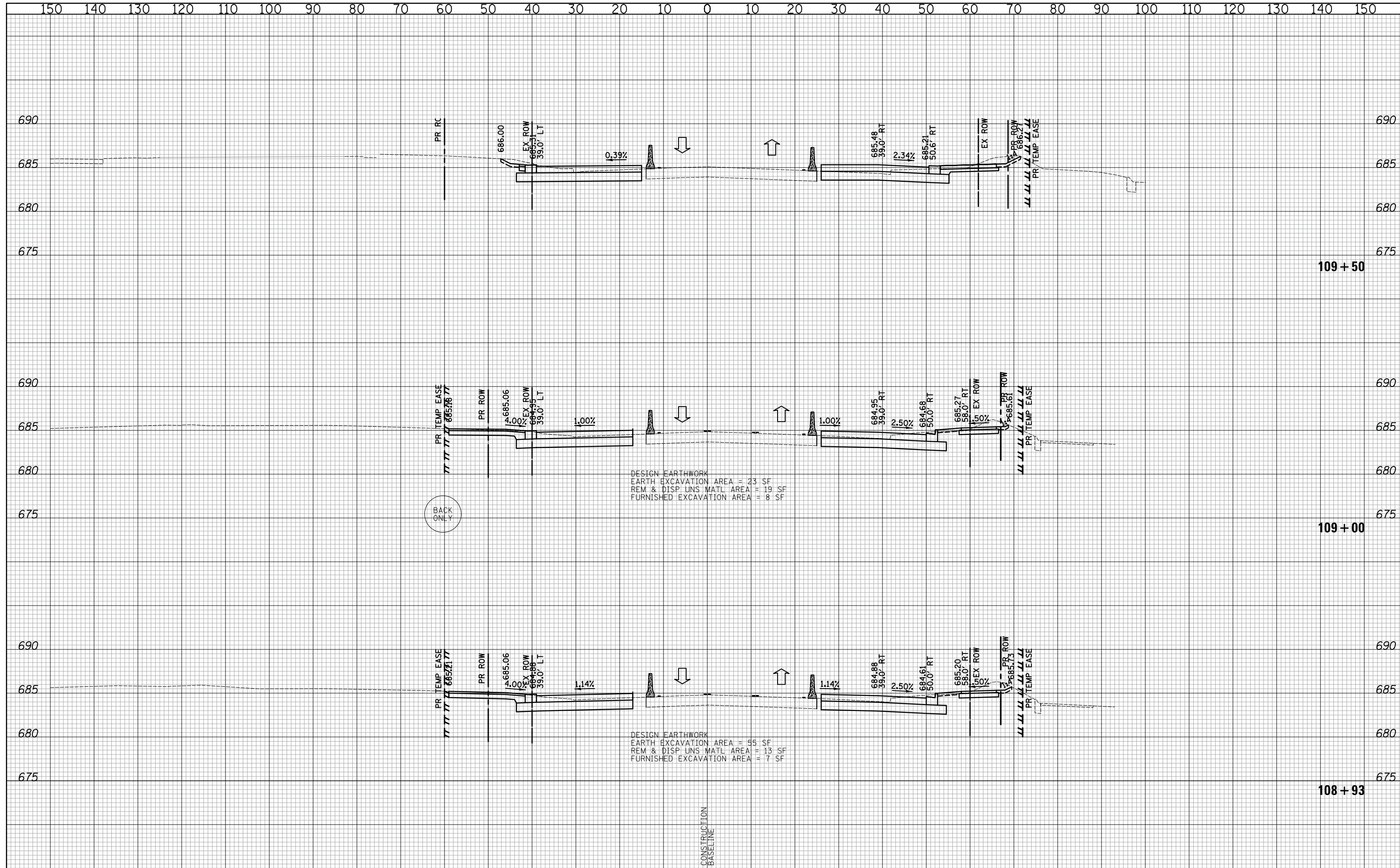
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 8 OF 22 SHEETS STA. 108+00 TO STA. 108+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	407
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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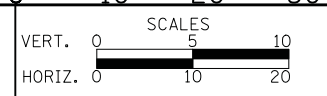
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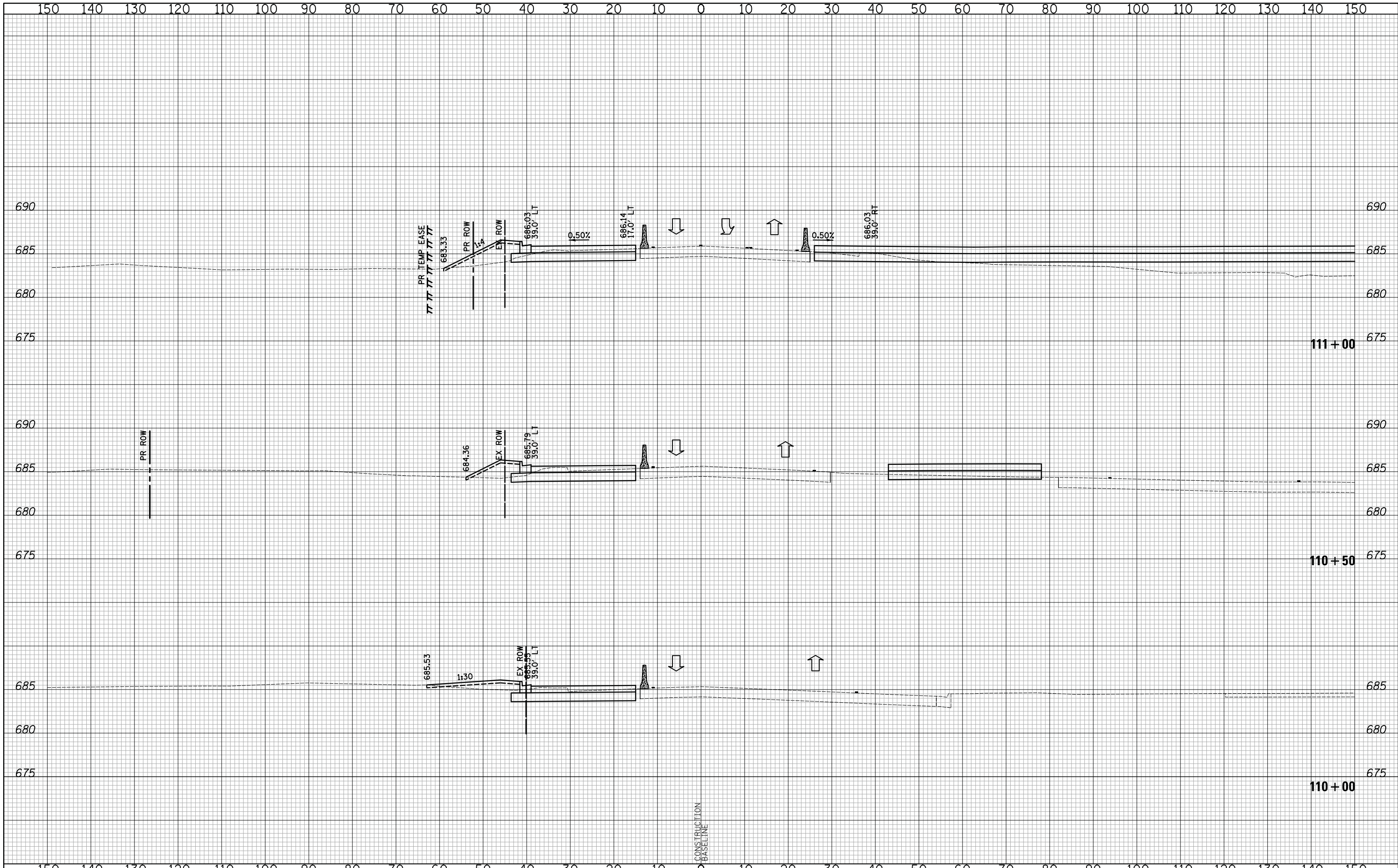
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 9 OF 22 SHEETS STA. 108+93 TO STA. 109+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	408
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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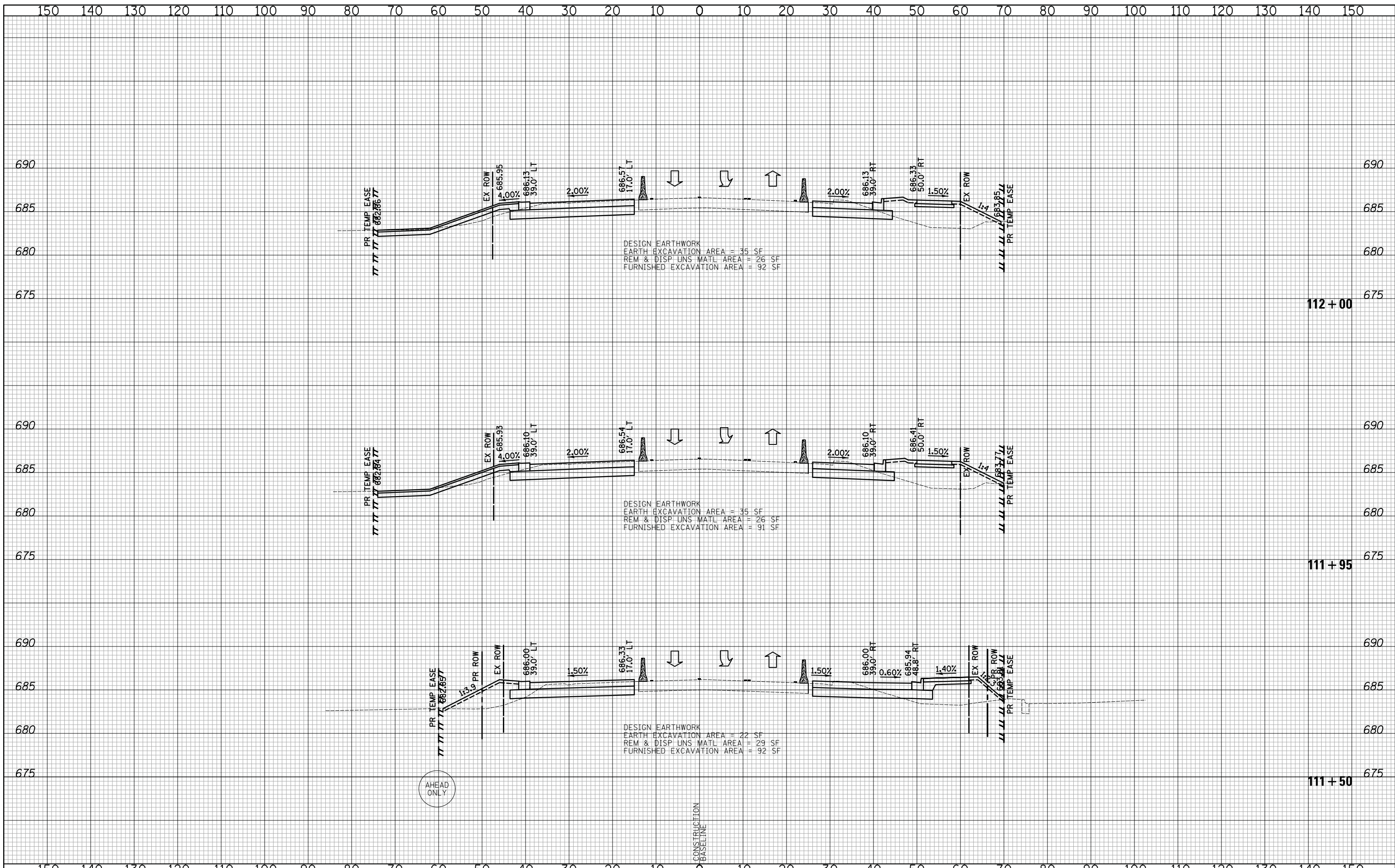
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 10 OF 22 SHEETS STA. 110+00 TO STA. 111+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	409
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CROSS SECTIONS STAGE I - APTAKISIC ROAD

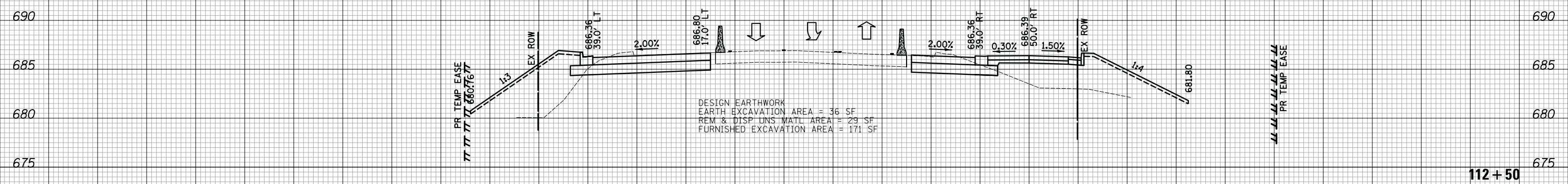
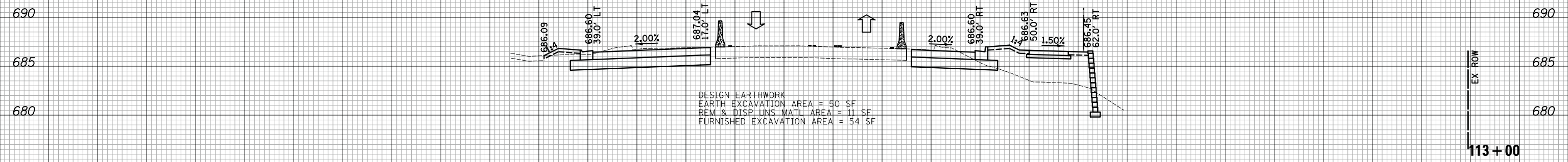
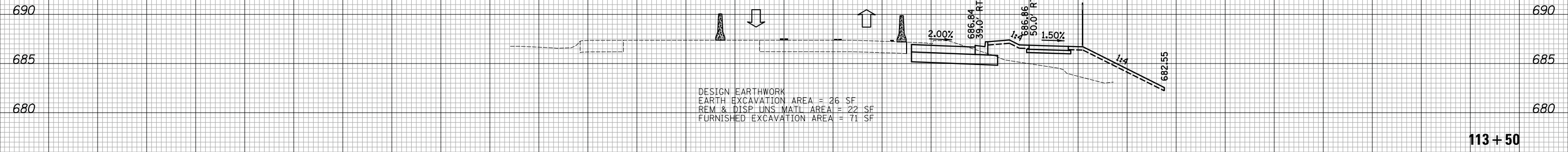
SHEET NO. 11 OF 22 SHEETS STA. 111+50 TO STA. 112+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	410
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	BY
FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED

DATE	BY
ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED



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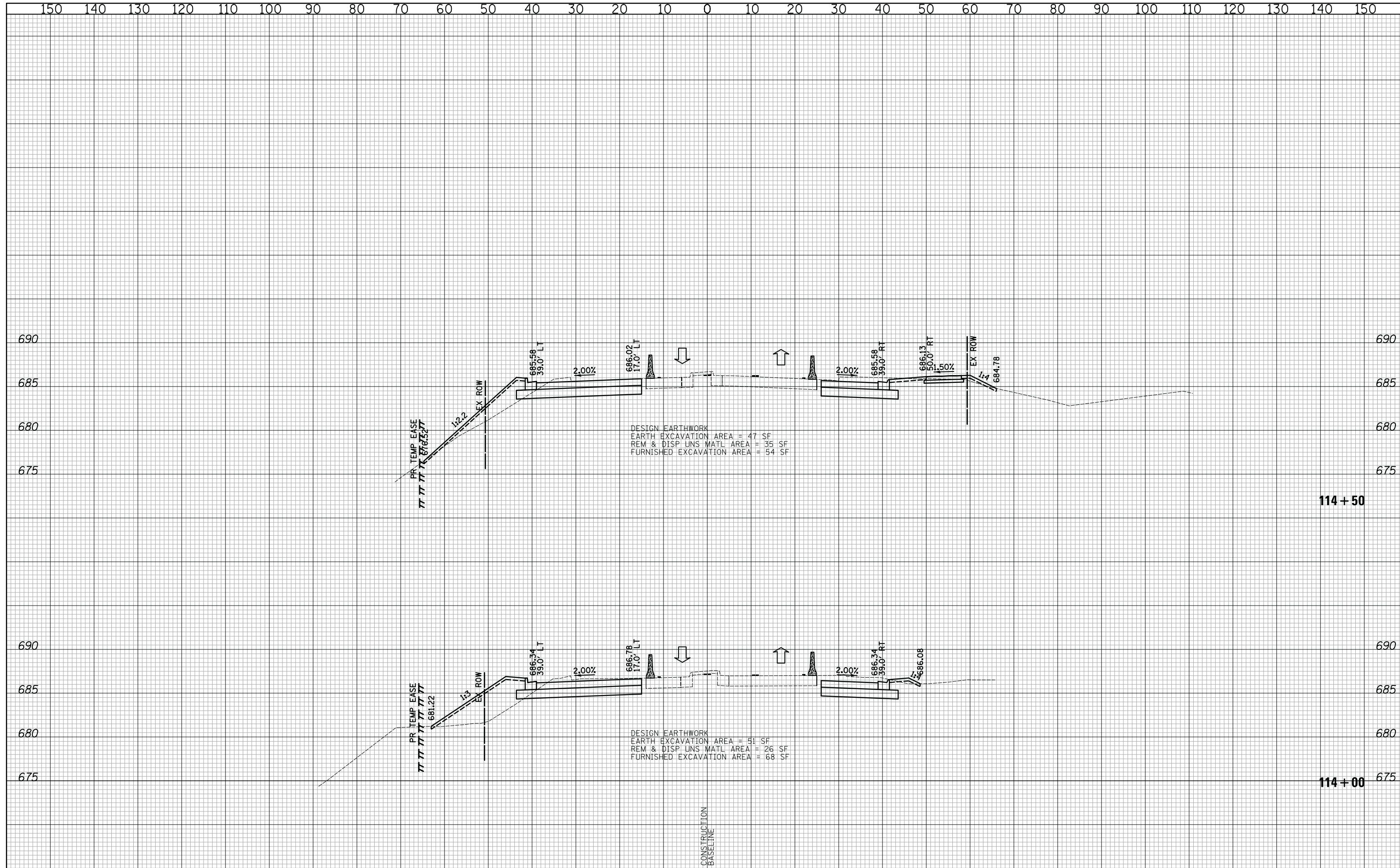
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 12 OF 22 SHEETS STA. 112+50 TO STA. 113+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	411
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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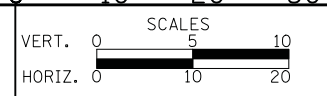
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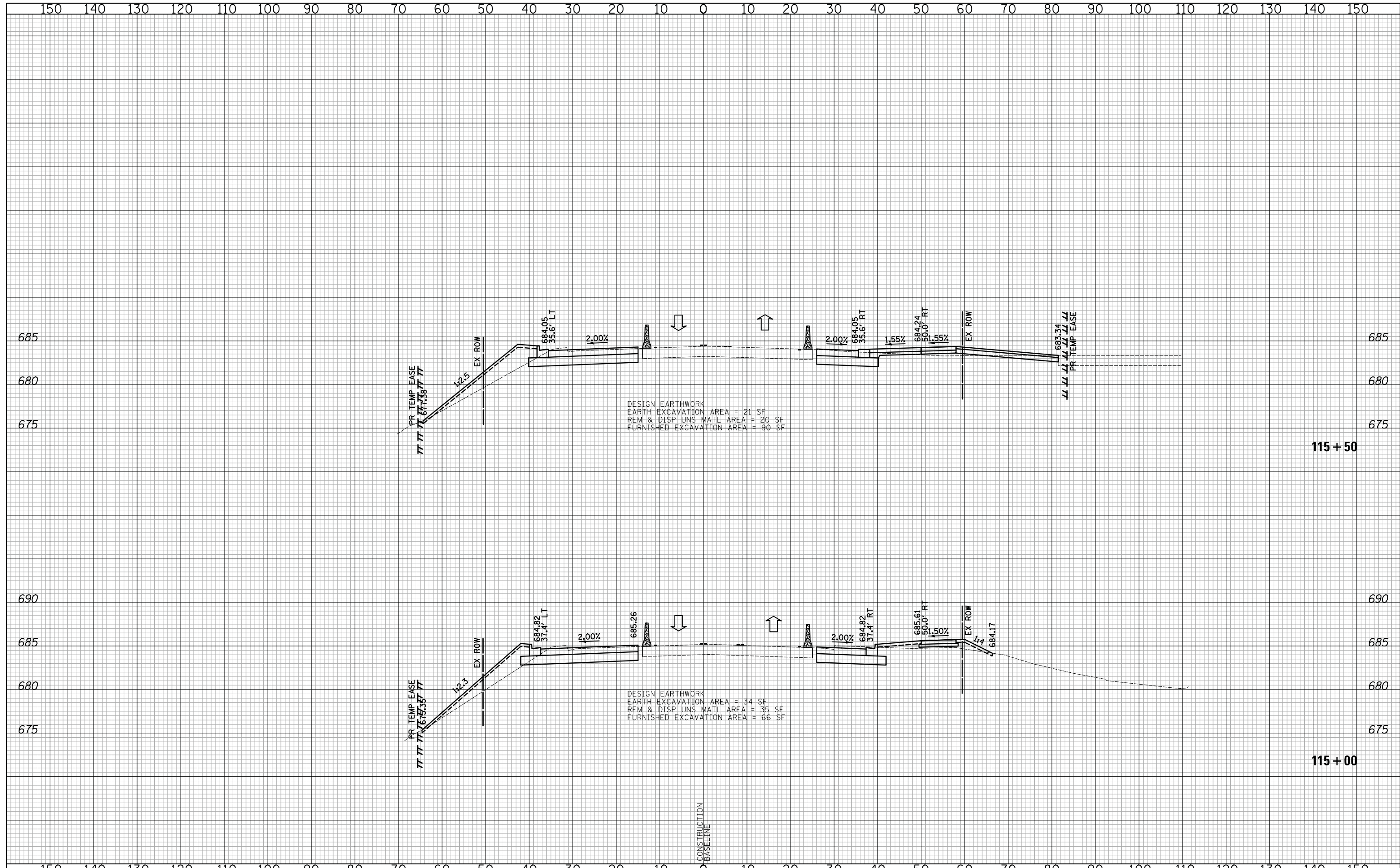
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 13 OF 22 SHEETS STA. 114+00 TO STA. 114+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	412
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 21 SF
 REM & DISP UNS MATL AREA = 20 SF
 FURNISHED EXCAVATION AREA = 90 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 34 SF
 REM & DISP UNS MATL AREA = 35 SF
 FURNISHED EXCAVATION AREA = 66 SF

CONSTRUCTION
 BASELINE



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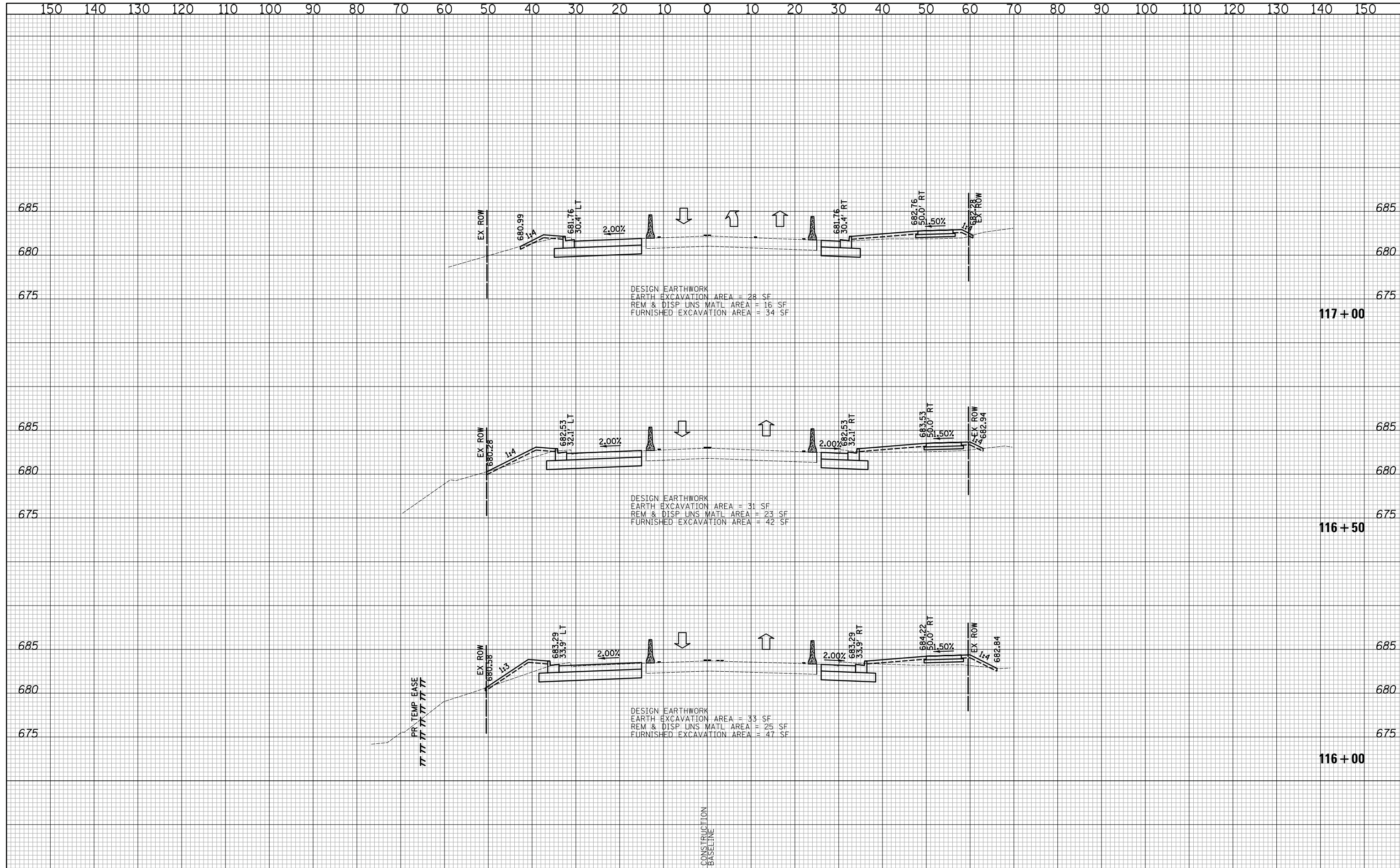
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 14 OF 22 SHEETS STA. 115+00 TO STA. 115+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	413
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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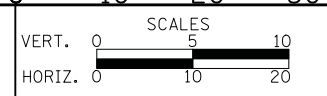
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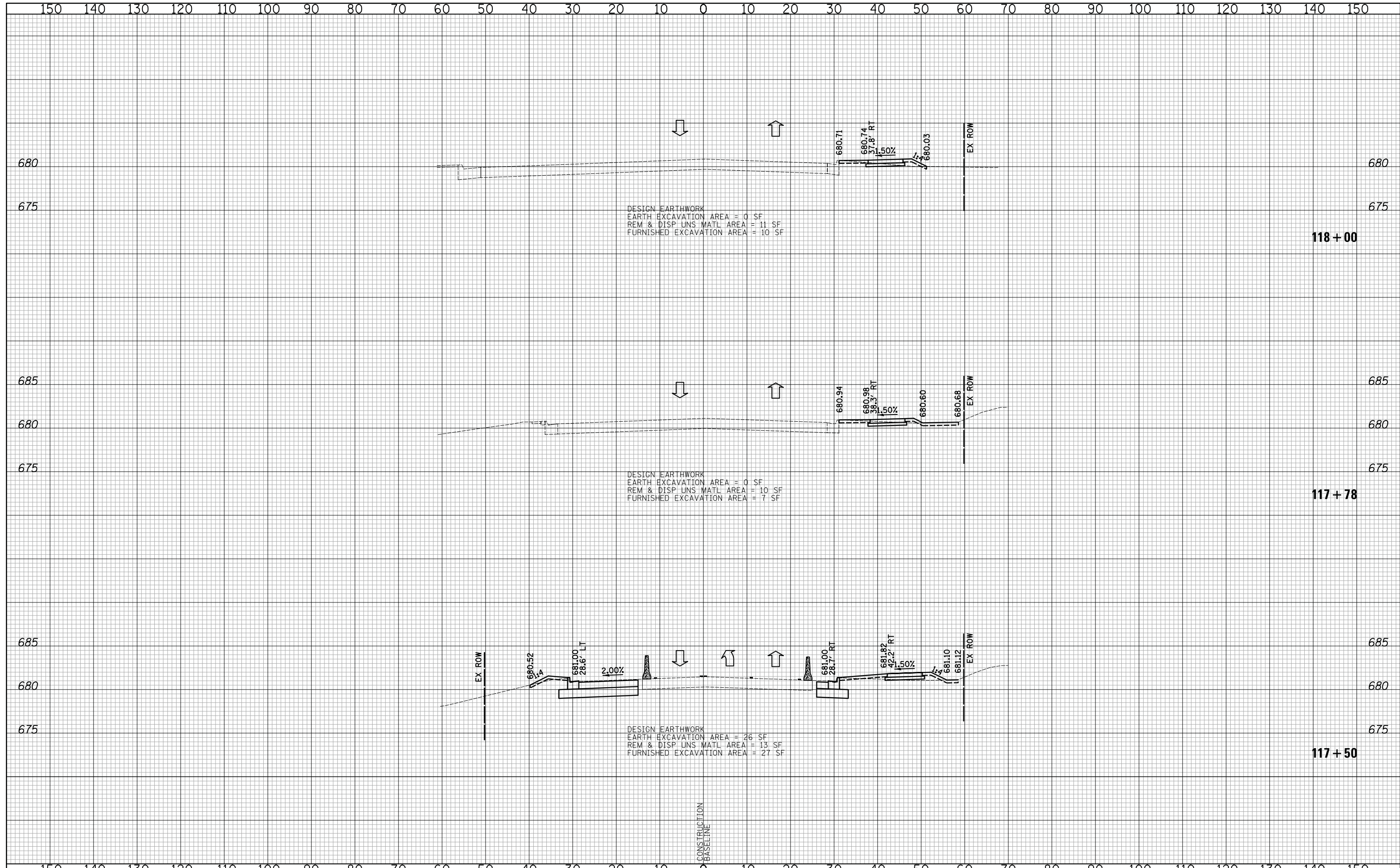
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 15 OF 22 SHEETS STA. 116+00 TO STA. 117+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	414
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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NOTE BOOK	
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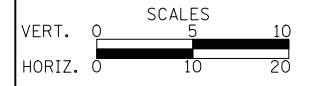
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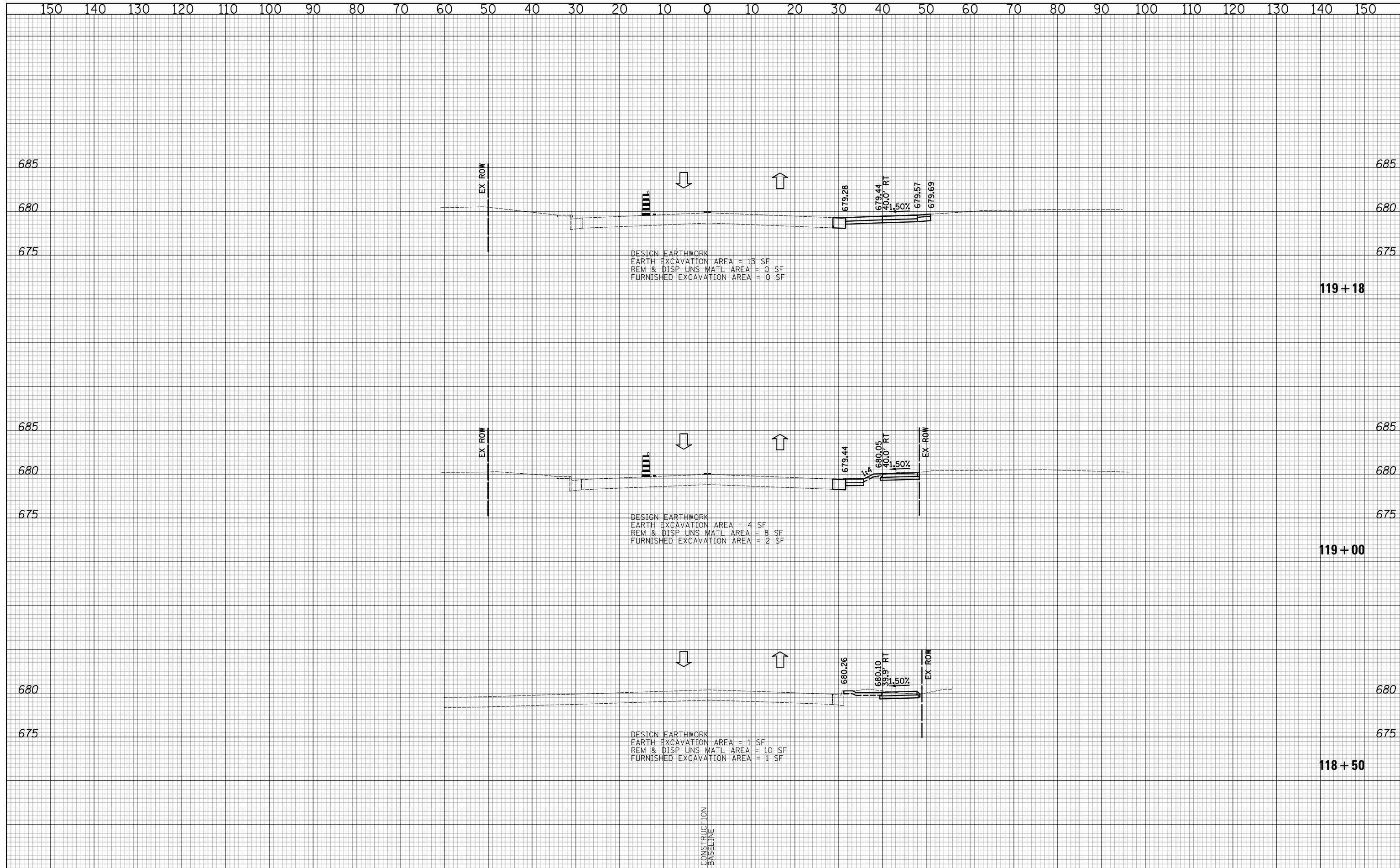
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 16 OF 22 SHEETS STA. 117+50 TO STA. 118+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	415
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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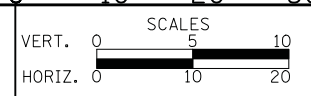
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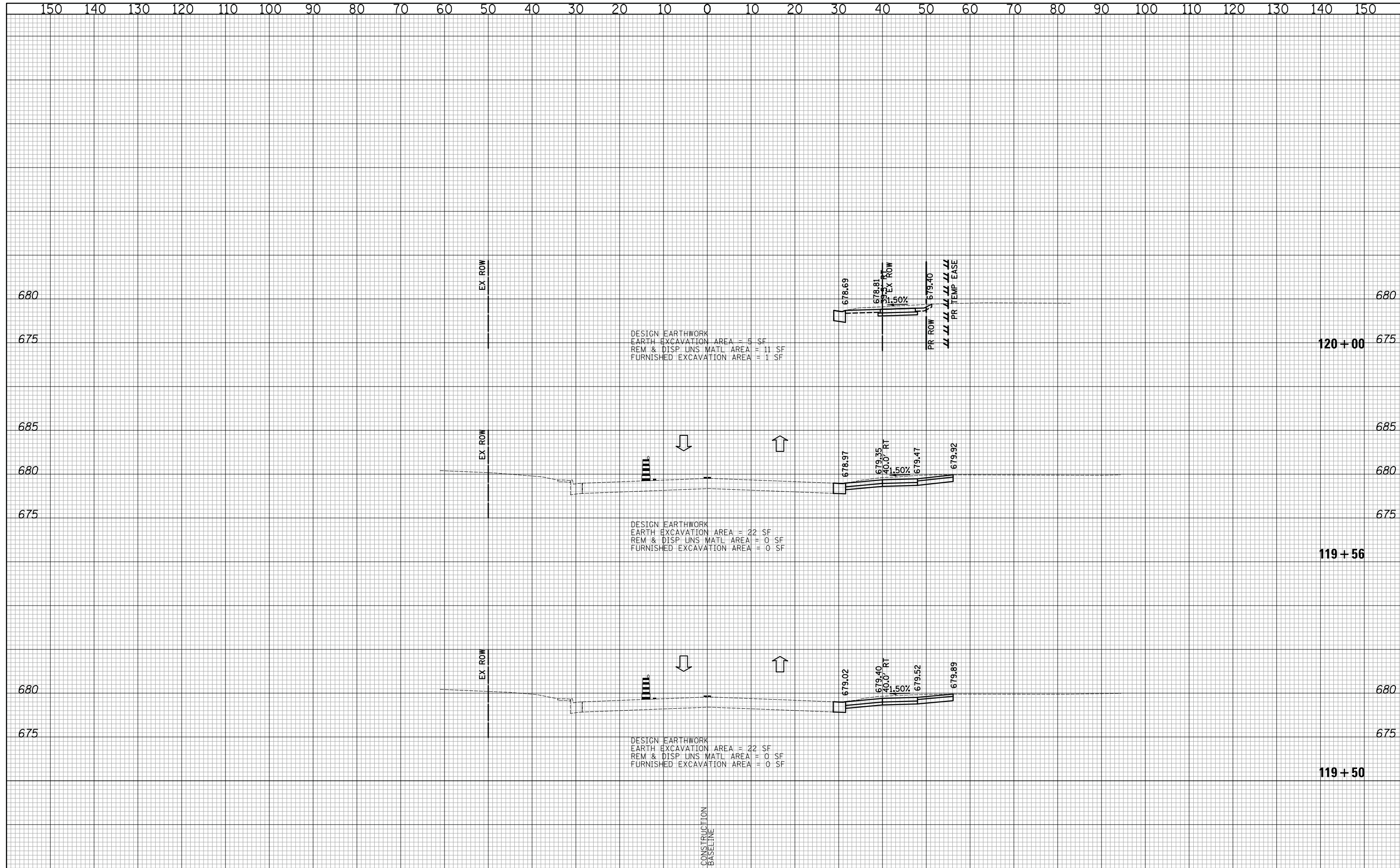
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 17 OF 22 SHEETS STA. 118+50 TO STA. 119+18

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	416
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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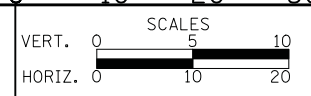
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CROSS SECTIONS STAGE I - APTAKISIC ROAD

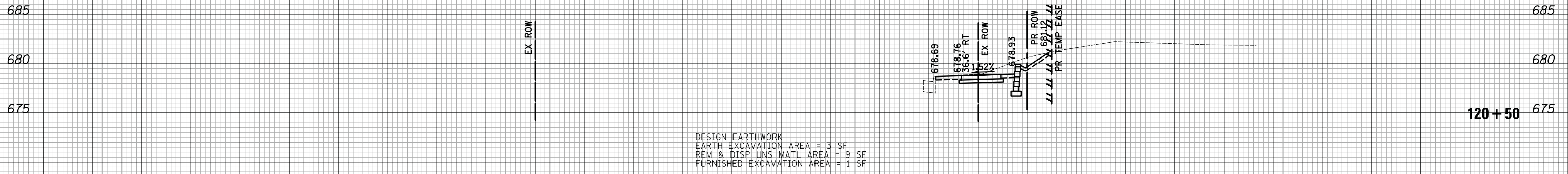
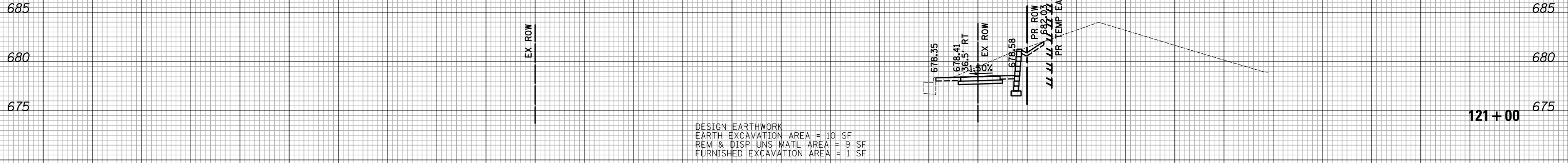
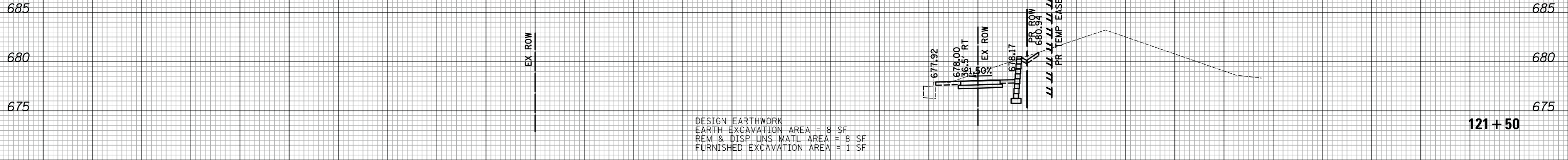
SHEET NO. 18 OF 22 SHEETS STA. 119+50 TO STA. 120+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	417
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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



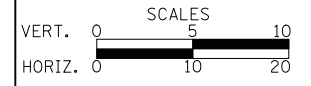
DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

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

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CROSS SECTIONS STAGE I - APTAKISIC ROAD

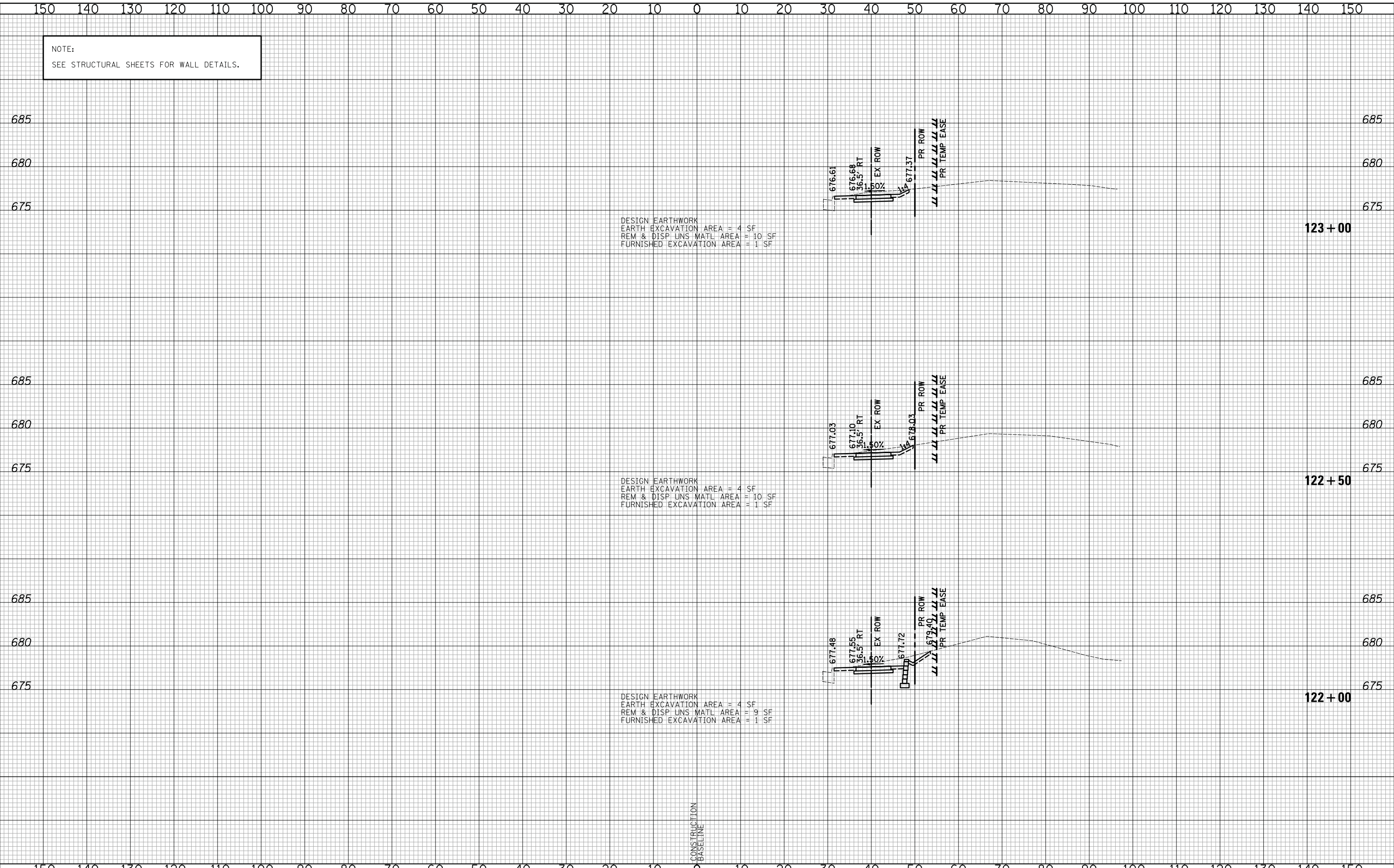
SHEET NO. 19 OF 22 SHEETS STA. 120+50 TO STA. 121+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	418
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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

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

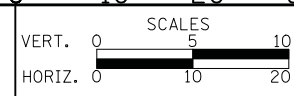


DESIGN EARTHWORK
EARTH EXCAVATION AREA = 4 SF
REM & DISP UNS MATL AREA = 10 SF
FURNISHED EXCAVATION AREA = 1 SF

DESIGN EARTHWORK
EARTH EXCAVATION AREA = 4 SF
REM & DISP UNS MATL AREA = 10 SF
FURNISHED EXCAVATION AREA = 1 SF

DESIGN EARTHWORK
EARTH EXCAVATION AREA = 4 SF
REM & DISP UNS MATL AREA = 9 SF
FURNISHED EXCAVATION AREA = 1 SF

CONSTRUCTION
BASELINE



CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 20 OF 22 SHEETS STA. 122+00 TO STA. 123+00

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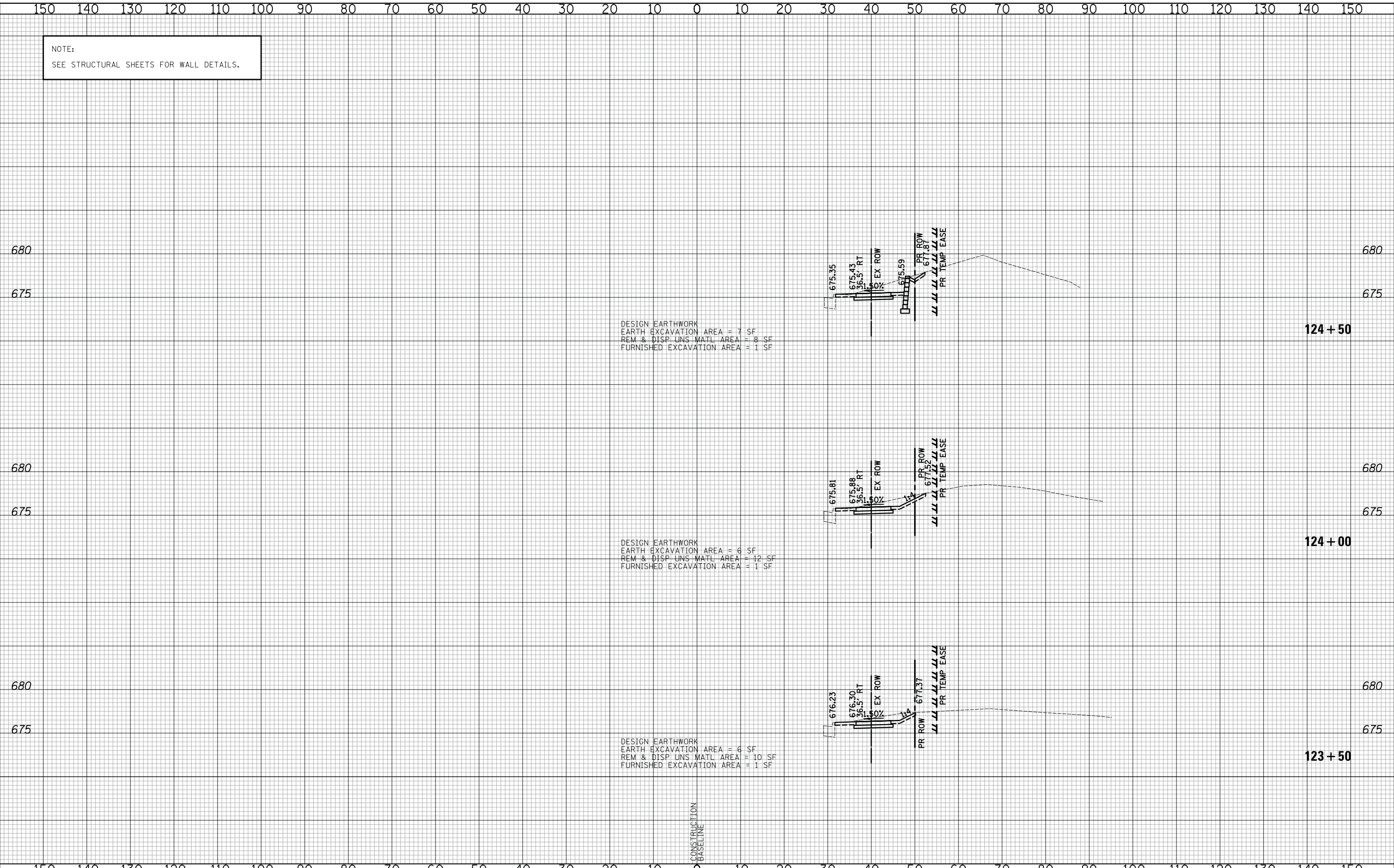
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	419
CONTRACT NO. 61F25				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



DESIGN EARTHWORK
EARTH EXCAVATION AREA = 7 SF
REM & DISP UNS MATL AREA = 8 SF
FURNISHED EXCAVATION AREA = 1 SF

DESIGN EARTHWORK
EARTH EXCAVATION AREA = 6 SF
REM & DISP UNS MATL AREA = 12 SF
FURNISHED EXCAVATION AREA = 1 SF

DESIGN EARTHWORK
EARTH EXCAVATION AREA = 6 SF
REM & DISP UNS MATL AREA = 10 SF
FURNISHED EXCAVATION AREA = 1 SF

CONSTRUCTION
BASELINE



CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 21 OF 22 SHEETS STA. 123+50 TO STA. 124+50

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CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

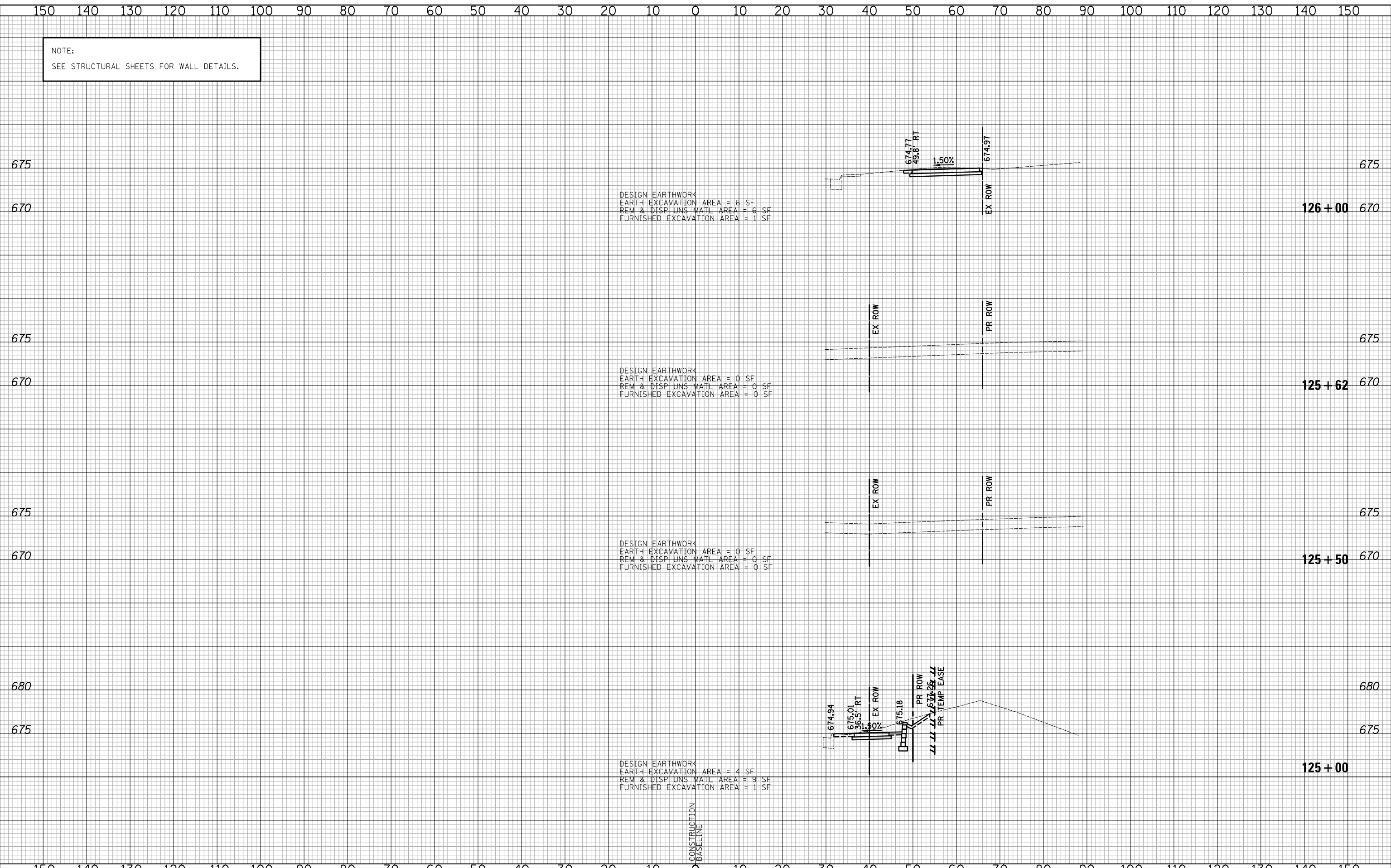
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DEPARTMENT OF TRANSPORTATION**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	420
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	BY	SURVEYED	PLOTTED	AREAS CHECKED
NO.		FINISH	TEMPLATE	AREAS CHECKED

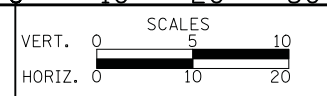
DATE	BY	SURVEYED	PLOTTED	AREAS CHECKED
NO.		FINISH	TEMPLATE	AREAS CHECKED



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CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

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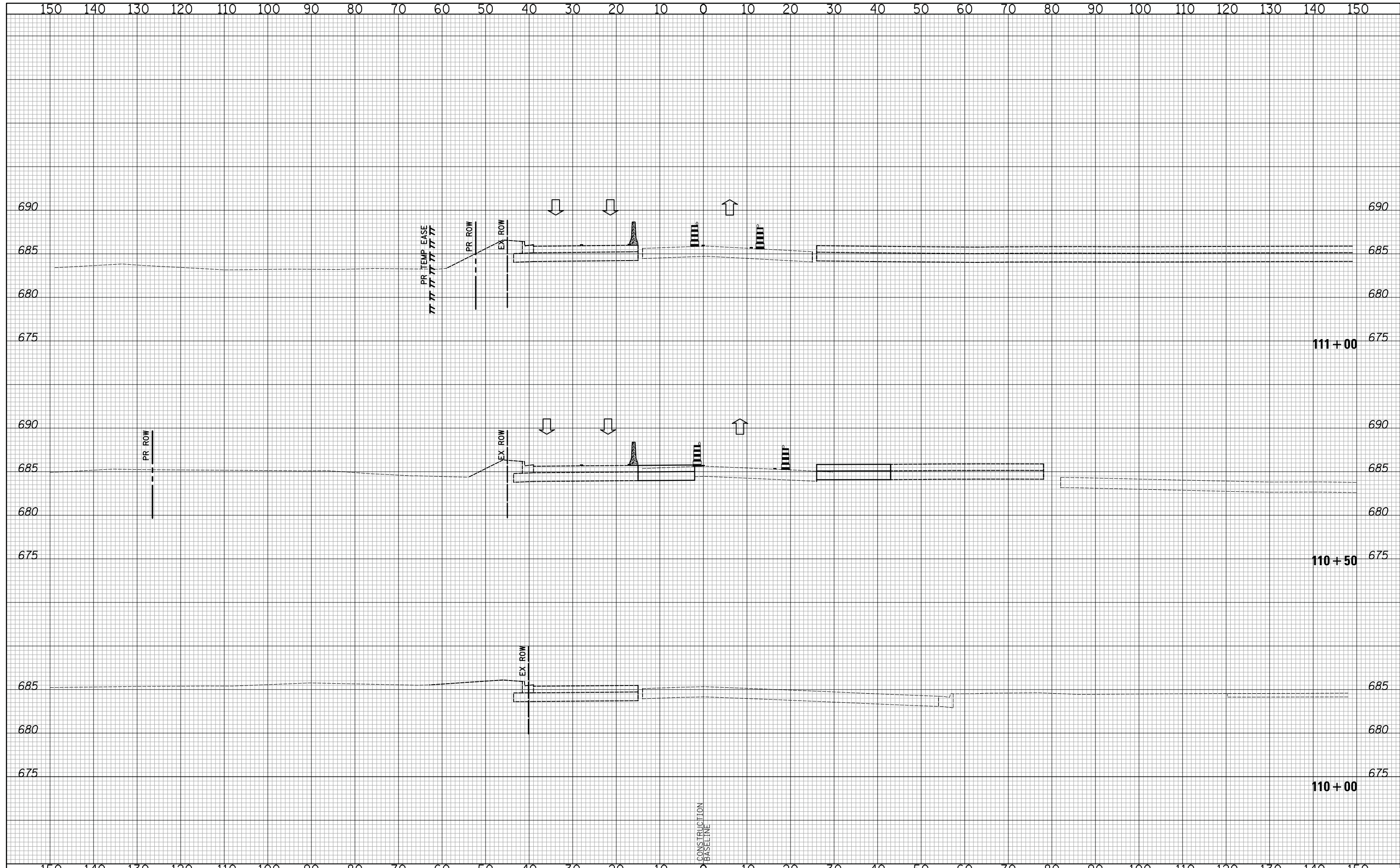
CROSS SECTIONS STAGE I - APTAKISIC ROAD

SHEET NO. 22 OF 22 SHEETS STA. 125+00 TO STA. 126+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	421
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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




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CHECKED -	JRV	REVISED -
DATE -	6/10/2019	REVISED -

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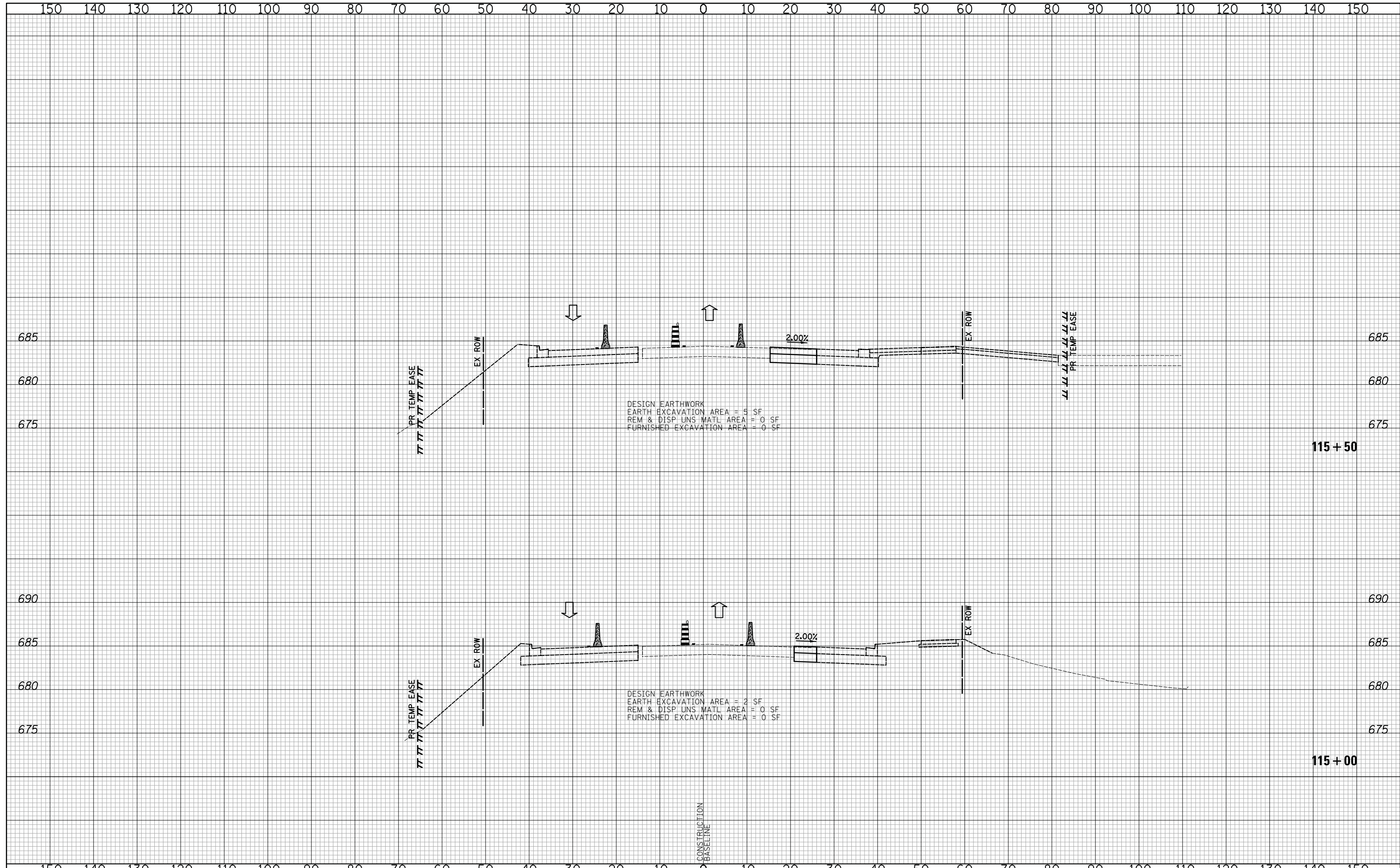
CROSS SECTIONS STAGE IA - APTAKISIC ROAD

SHEET NO. 1 OF 4 SHEETS STA. 110+00 TO STA. 111+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	422
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F25	

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

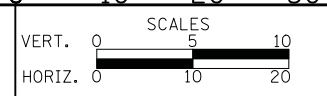
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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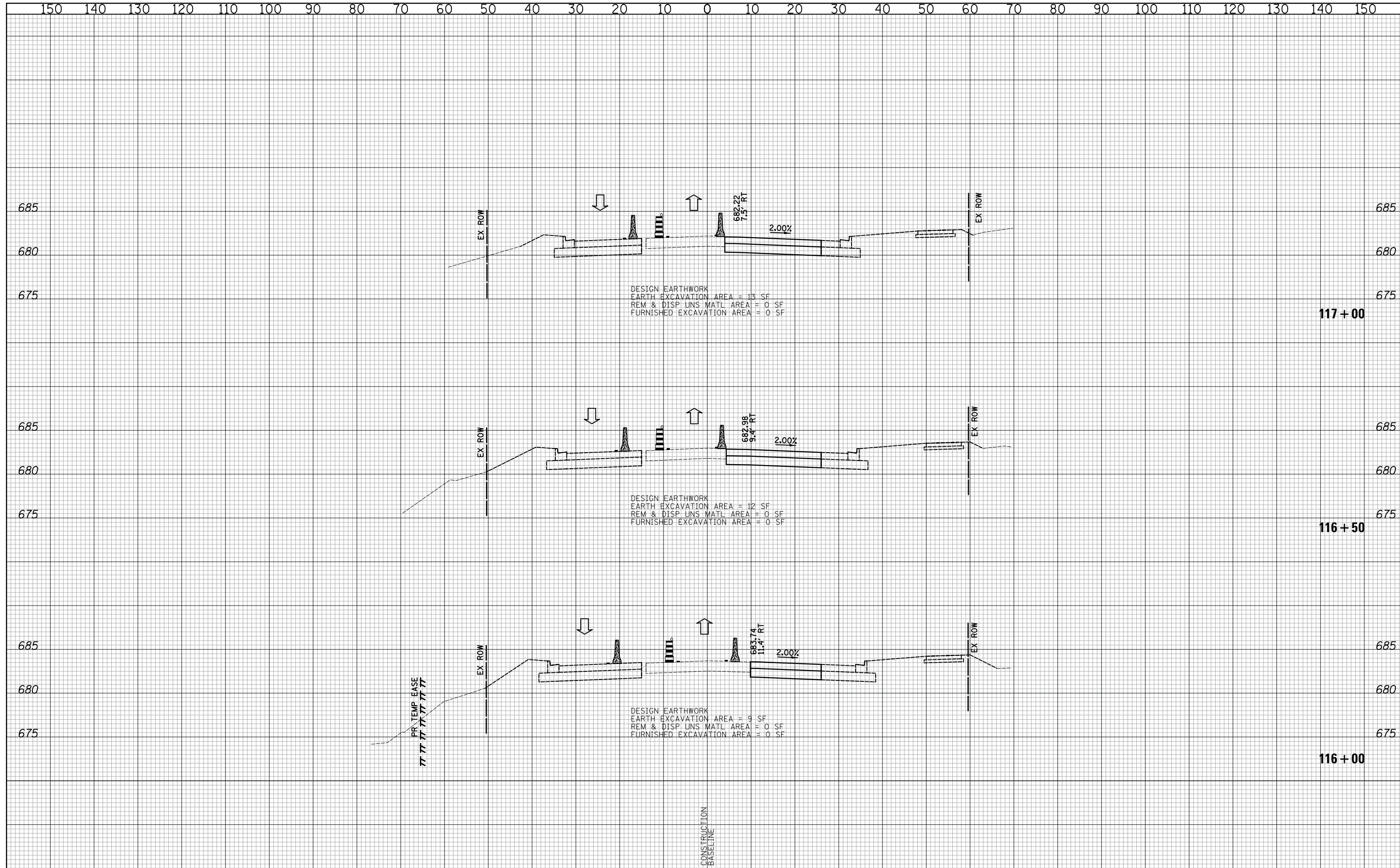
CROSS SECTIONS STAGE IA - APTAKISIC ROAD

SHEET NO. 2 OF 4 SHEETS STA. 115+00 TO STA. 115+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	423
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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FINAL SURVEY	
NOTE BOOK	
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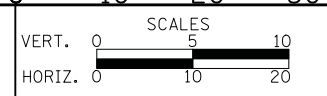
DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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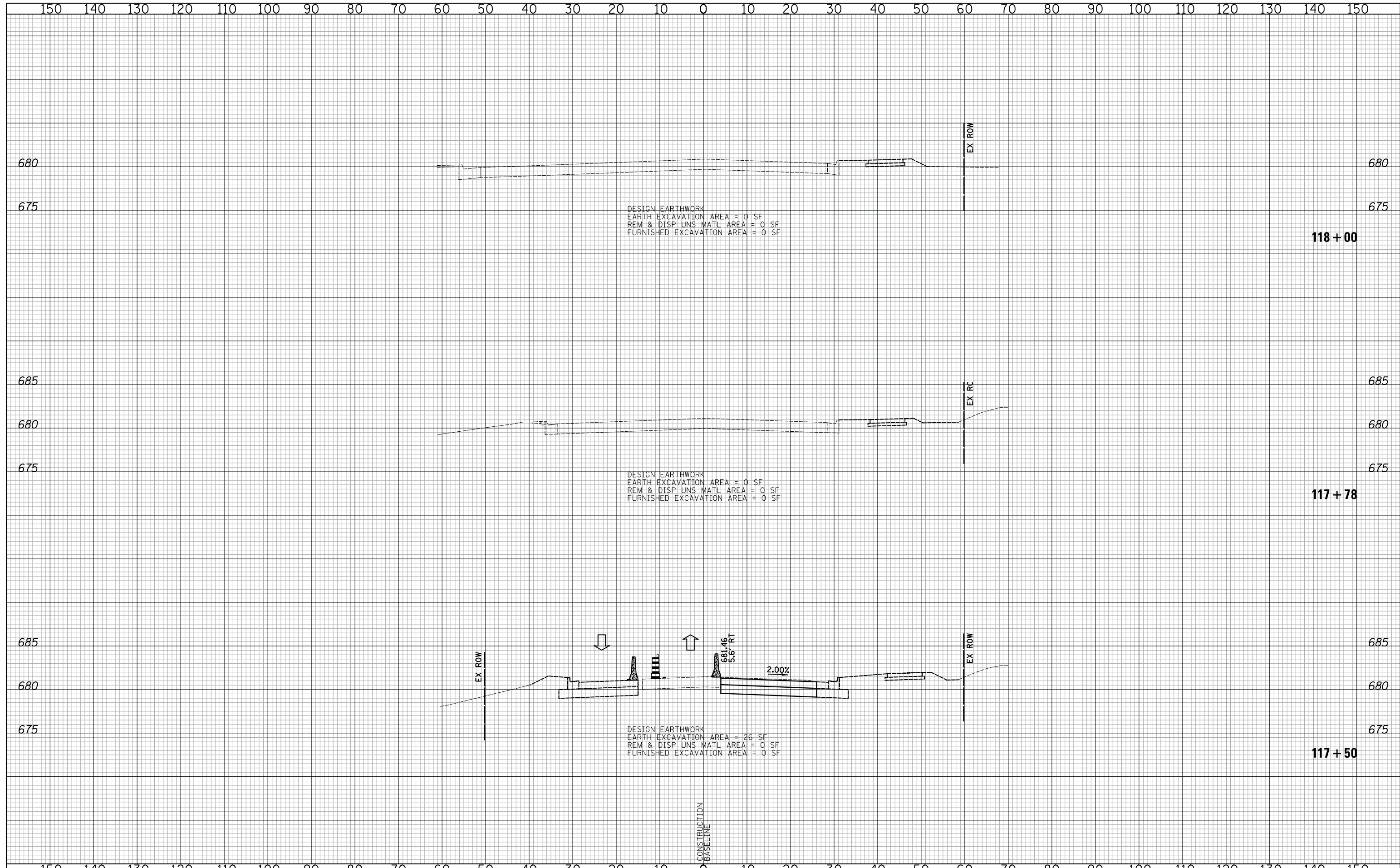
CROSS SECTIONS STAGE IA - APTAKISIC ROAD

SHEET NO. 3 OF 4 SHEETS STA. 116+00 TO STA. 117+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	424
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

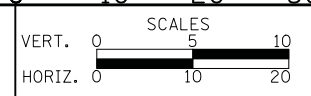
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



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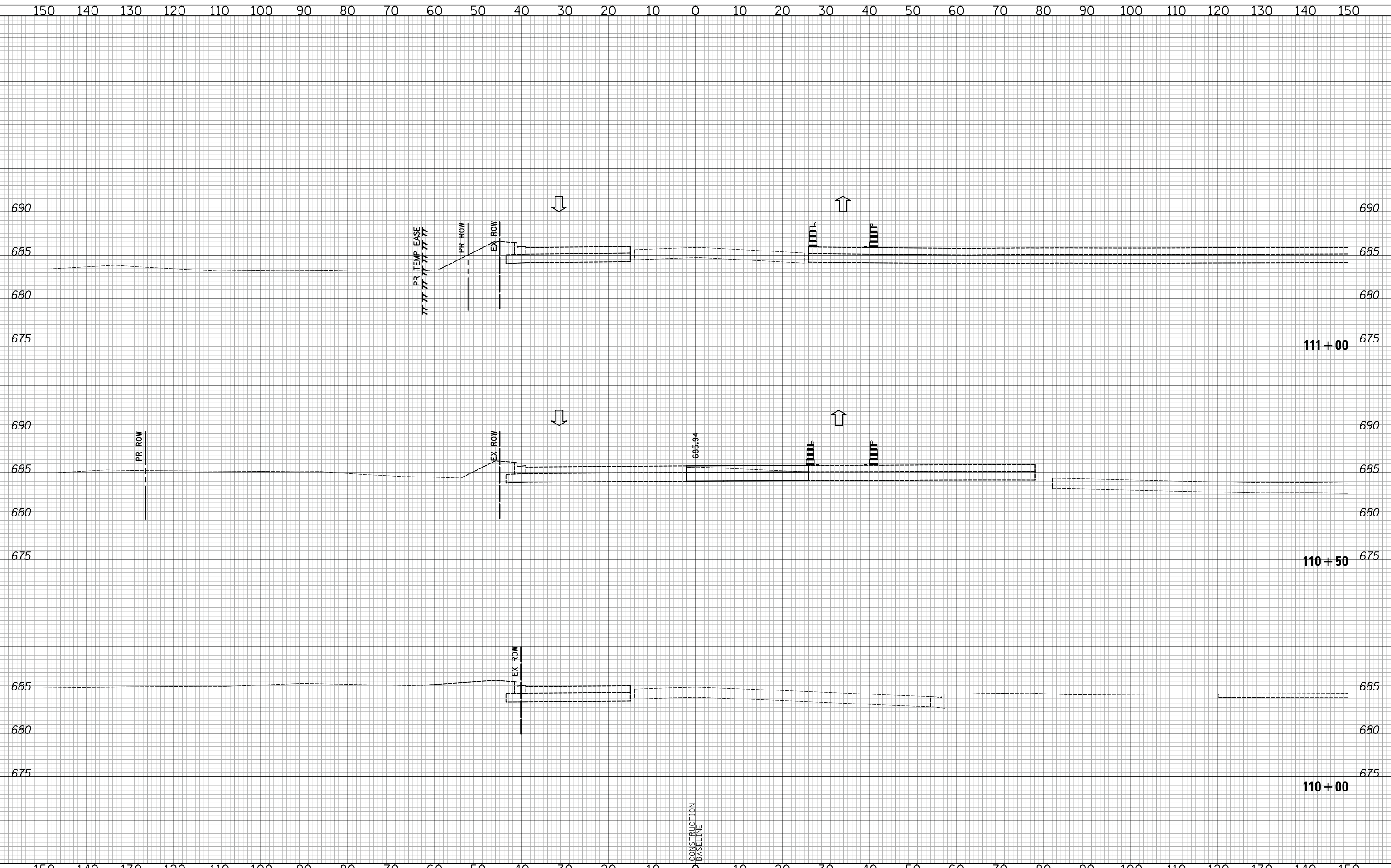
CROSS SECTIONS STAGE IA - APTAKISIC ROAD

SHEET NO. 4 OF 4 SHEETS STA. 117+50 TO STA. 118+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	425
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61F25

BY	DATE

BY	DATE



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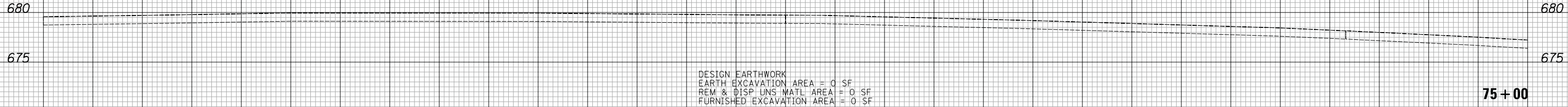
CROSS SECTIONS STAGE IB - APTAKISIC ROAD

SHEET NO. 1 OF 1 SHEETS STA. 110+00 TO STA. 111+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	426
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

75+00

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

CONSTRUCTION
BASELINE

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

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DATE - 6/10/2019	REVISED -

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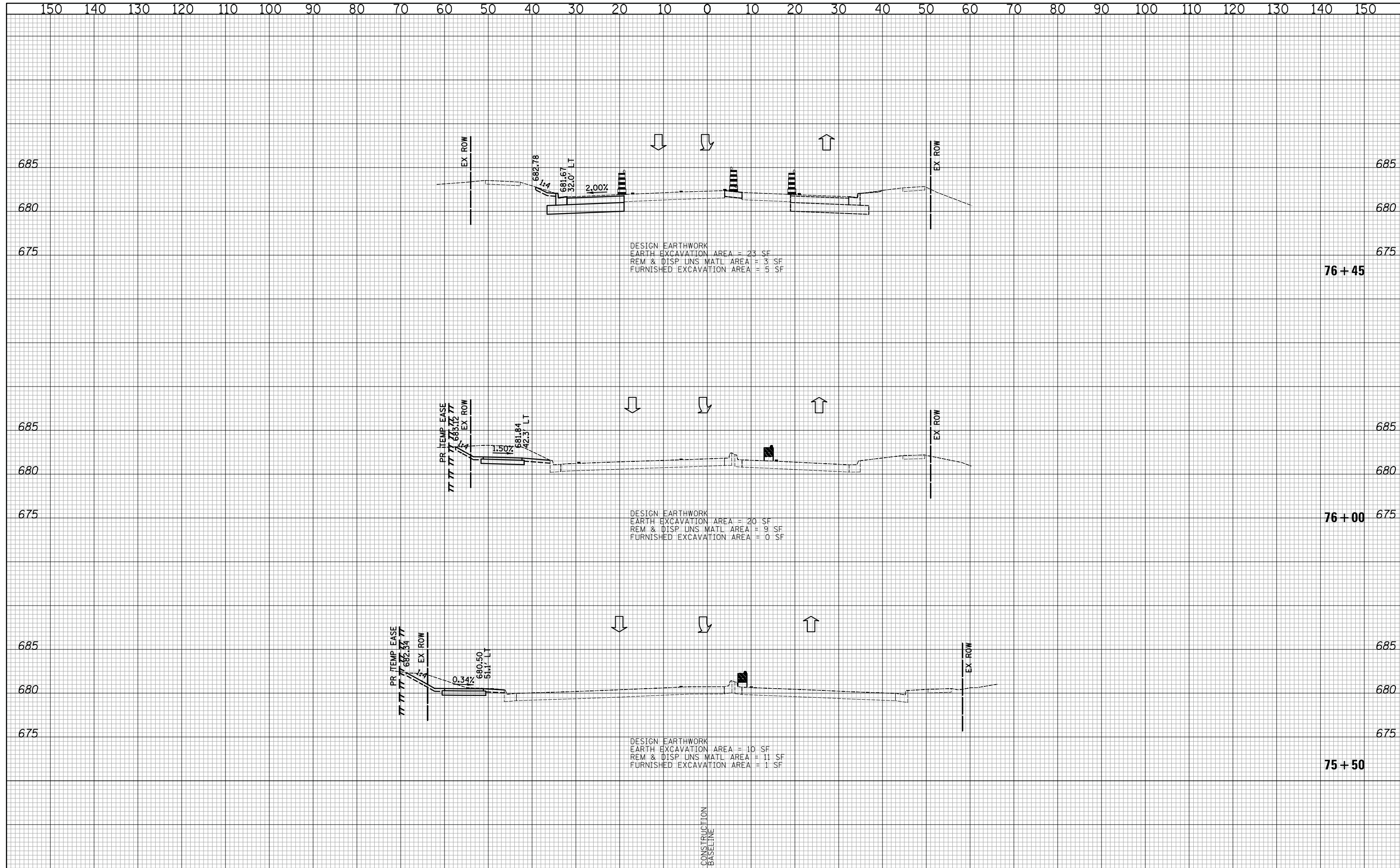
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 1 OF 36 SHEETS STA. 74+00 TO STA. 75+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	427
CONTRACT NO. 61F25			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

DATE	
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SURVEYED	
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TEMPLATE	
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DATE	
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TEMPLATE	
AREAS	
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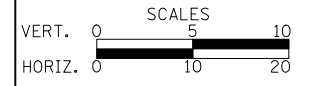


DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 23 SF
 REM & DISP UNS MATL AREA = 3 SF
 FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 20 SF
 REM & DISP UNS MATL AREA = 9 SF
 FURNISHED EXCAVATION AREA = 0 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 10 SF
 REM & DISP UNS MATL AREA = 11 SF
 FURNISHED EXCAVATION AREA = 1 SF

CONSTRUCTION
 BASELINE



CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 2 OF 36 SHEETS STA. 75+50 TO STA. 76+45

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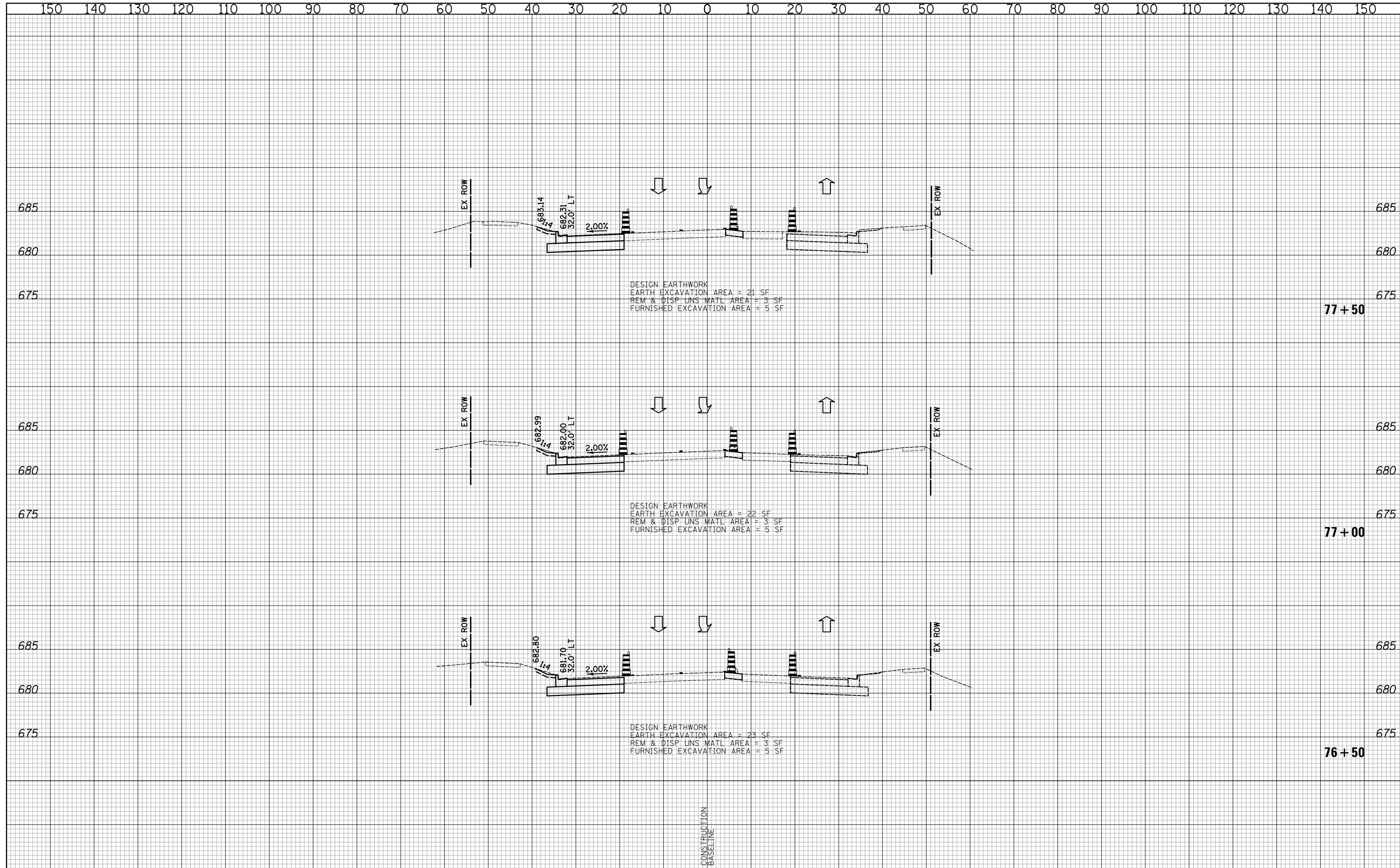
DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	428
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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SURVEYED	
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TEMPLATE	
AREAS	
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FINAL SURVEY	
NOTE BOOK	
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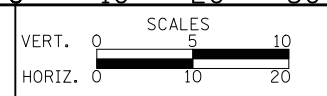
DATE	
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PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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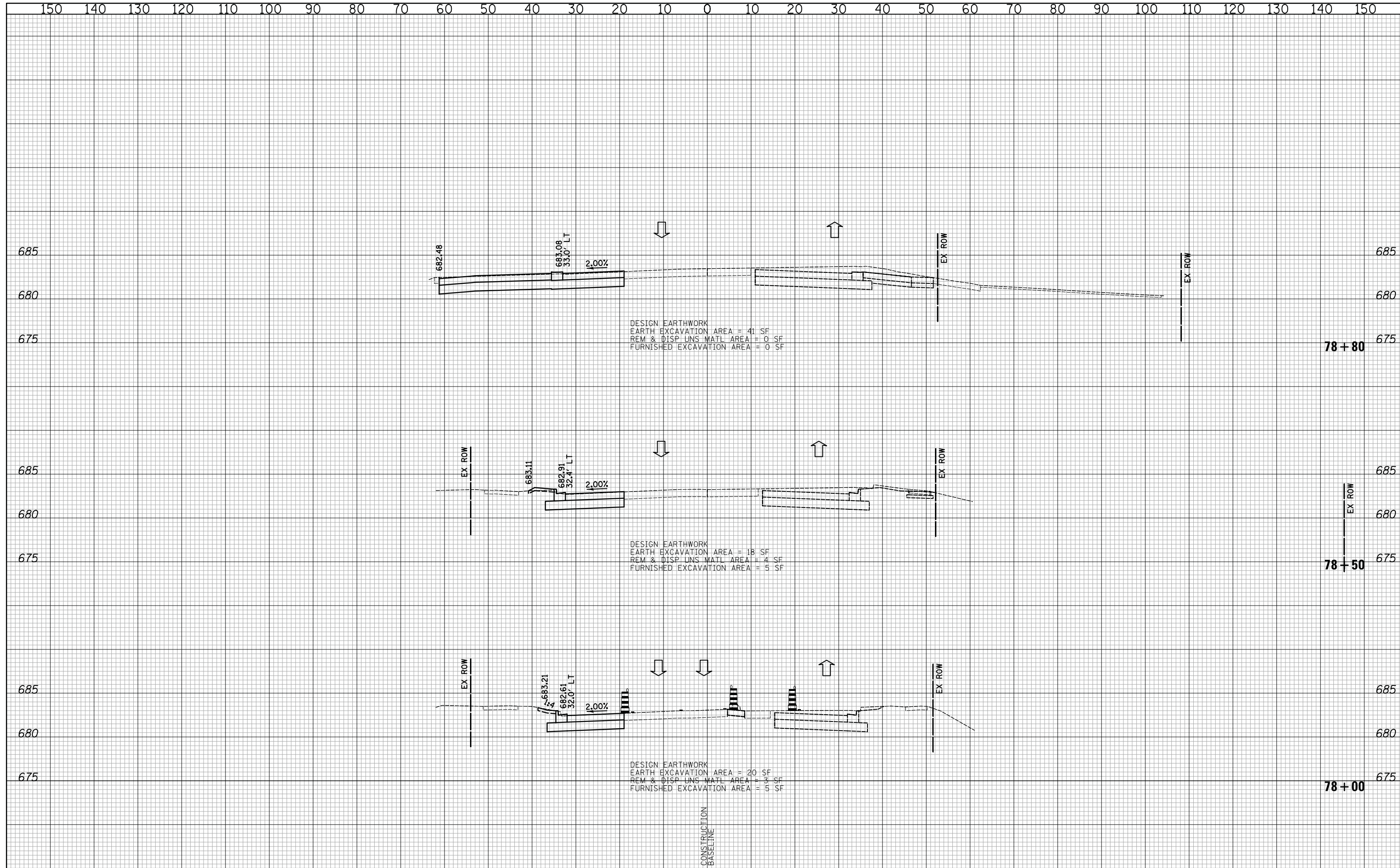
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 3 OF 36 SHEETS STA. 76+50 TO STA. 77+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	429
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61F25

DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS	
CHECKED	
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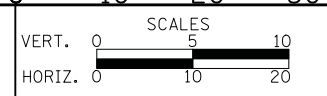
DATE	
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AREAS	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE II - WEILAND ROAD

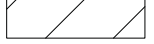
SHEET NO. 4 OF 36 SHEETS | STA. 78+00 TO STA. 78+80

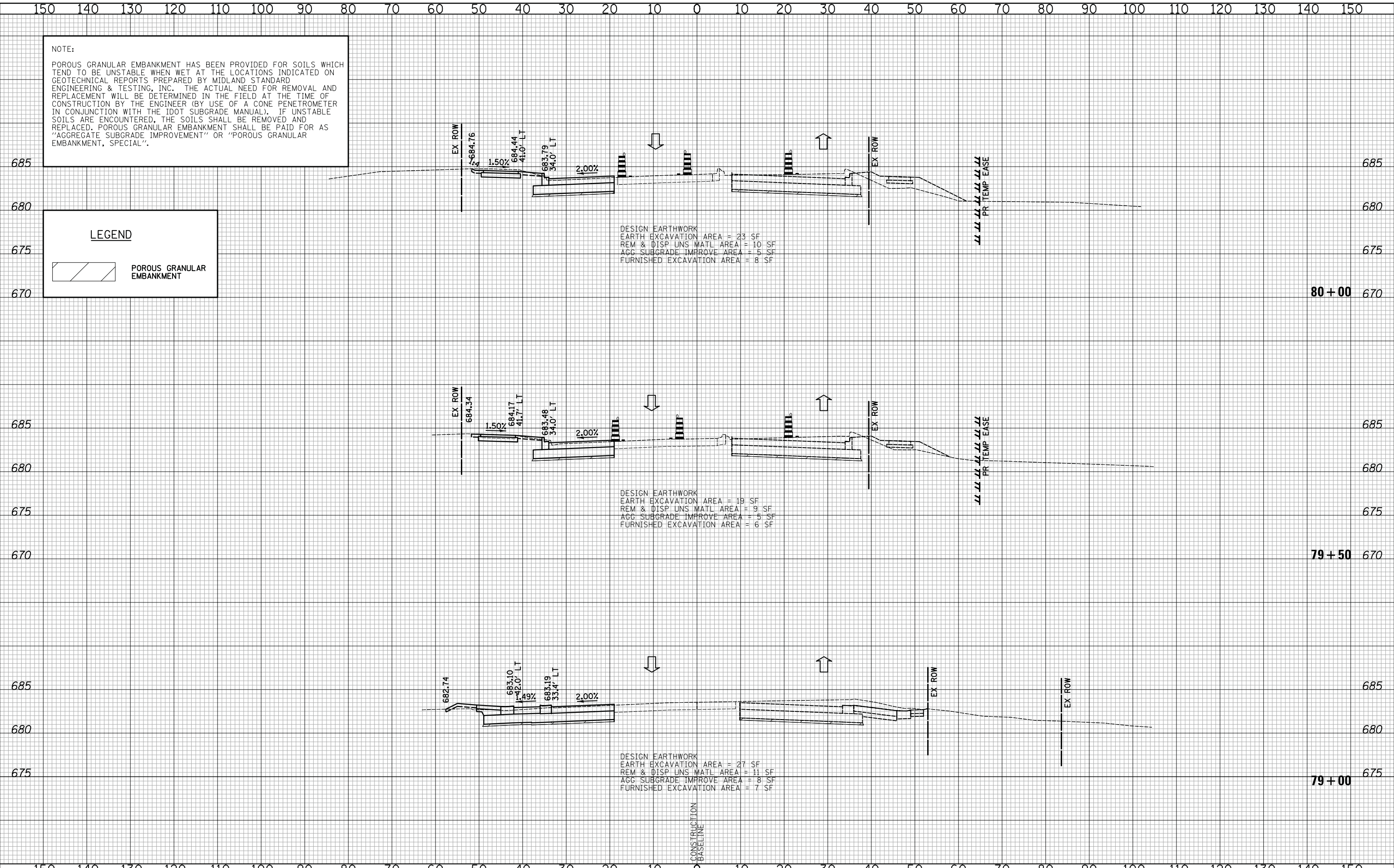
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	430
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

NOTE:
 POROUS GRANULAR EMBANKMENT HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET AT THE LOCATIONS INDICATED ON GEOTECHNICAL REPORTS PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED. POROUS GRANULAR EMBANKMENT SHALL BE PAID FOR AS "AGGREGATE SUBGRADE IMPROVEMENT" OR "POROUS GRANULAR EMBANKMENT, SPECIAL".

LEGEND
 POROUS GRANULAR EMBANKMENT



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 23 SF
 REM & DISP UNS MATL AREA = 10 SF
 AGG SUBGRADE IMPROVE AREA = 5 SF
 FURNISHED EXCAVATION AREA = 8 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 19 SF
 REM & DISP UNS MATL AREA = 9 SF
 AGG SUBGRADE IMPROVE AREA = 5 SF
 FURNISHED EXCAVATION AREA = 6 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 27 SF
 REM & DISP UNS MATL AREA = 11 SF
 AGG SUBGRADE IMPROVE AREA = 8 SF
 FURNISHED EXCAVATION AREA = 7 SF

CONSTRUCTION
 BASELINE

DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

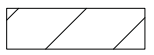


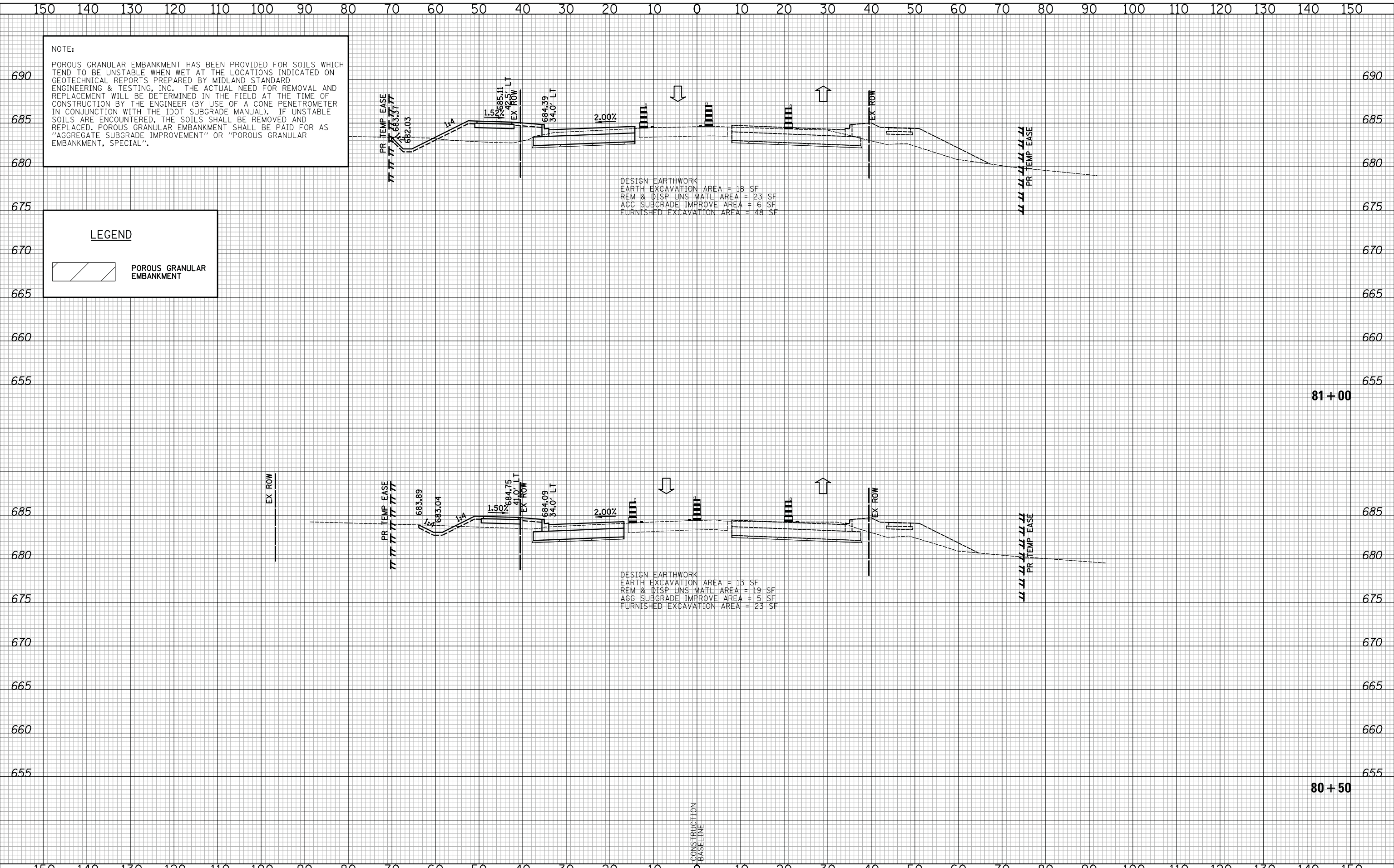
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	431
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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ORIGINAL SURVEY	
NOTE BOOK	
NO.	

NOTE:
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LEGEND
 POROUS GRANULAR EMBANKMENT



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 18 SF
 REM & DISP UNS MATL AREA = 23 SF
 AGG SUBGRADE IMPROVE AREA = 6 SF
 FURNISHED EXCAVATION AREA = 48 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 13 SF
 REM & DISP UNS MATL AREA = 19 SF
 AGG SUBGRADE IMPROVE AREA = 5 SF
 FURNISHED EXCAVATION AREA = 23 SF

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CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

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CROSS SECTIONS STAGE II - WEILAND ROAD

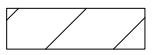
SHEET NO. 6 OF 36 SHEETS STA. 80+50 TO STA. 81+00

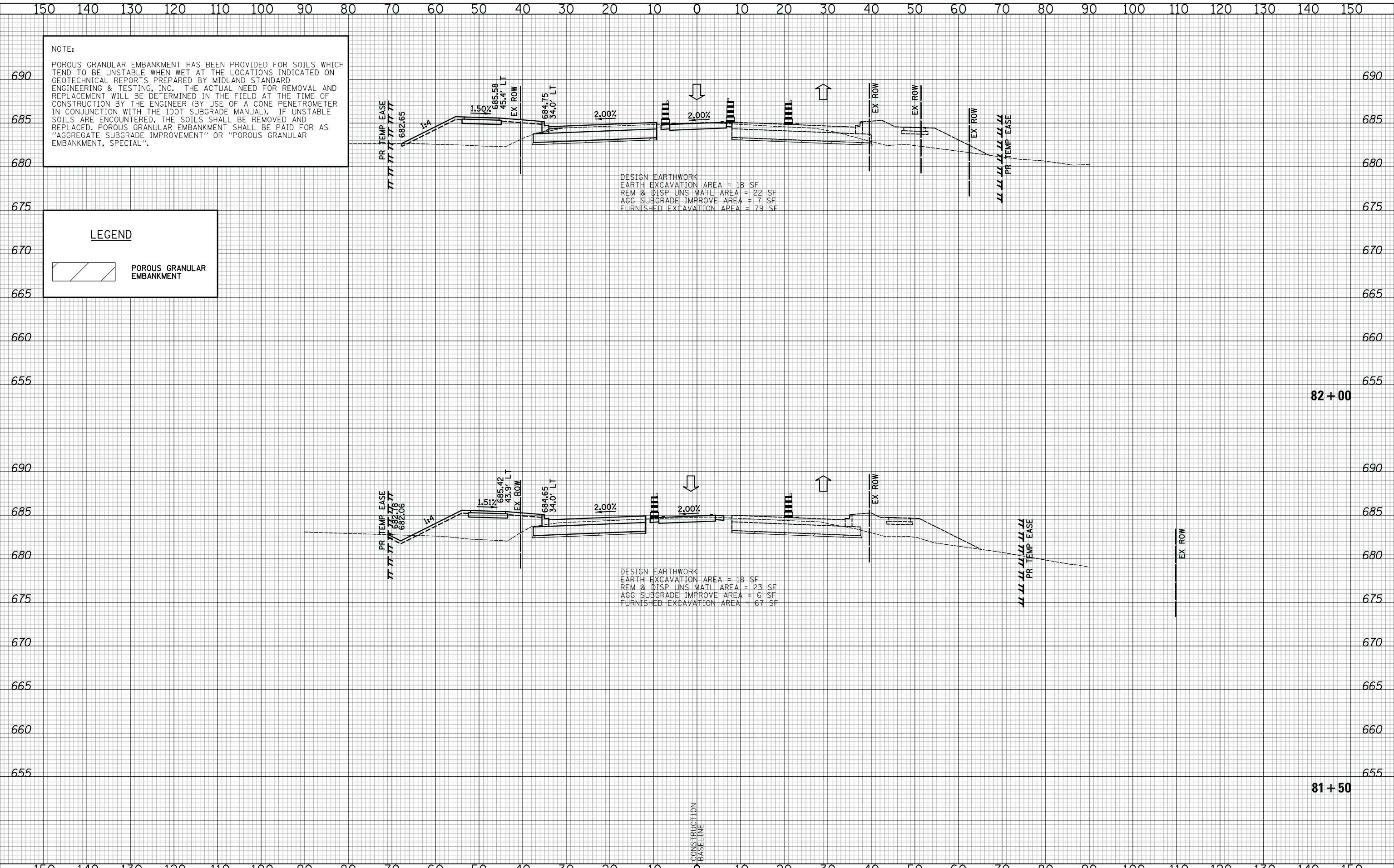
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	432
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	AREAS CHECKED

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	AREAS CHECKED

NOTE:
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LEGEND
 POROUS GRANULAR EMBANKMENT



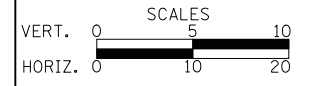
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 18 SF
 REM & DISP UNS MATL AREA = 22 SF
 AGG SUBGRADE IMPROVE AREA = 7 SF
 FURNISHED EXCAVATION AREA = 79 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 18 SF
 REM & DISP UNS MATL AREA = 23 SF
 AGG SUBGRADE IMPROVE AREA = 6 SF
 FURNISHED EXCAVATION AREA = 67 SF

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CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 7 OF 36 SHEETS STA. 81+50 TO STA. 82+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	433
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

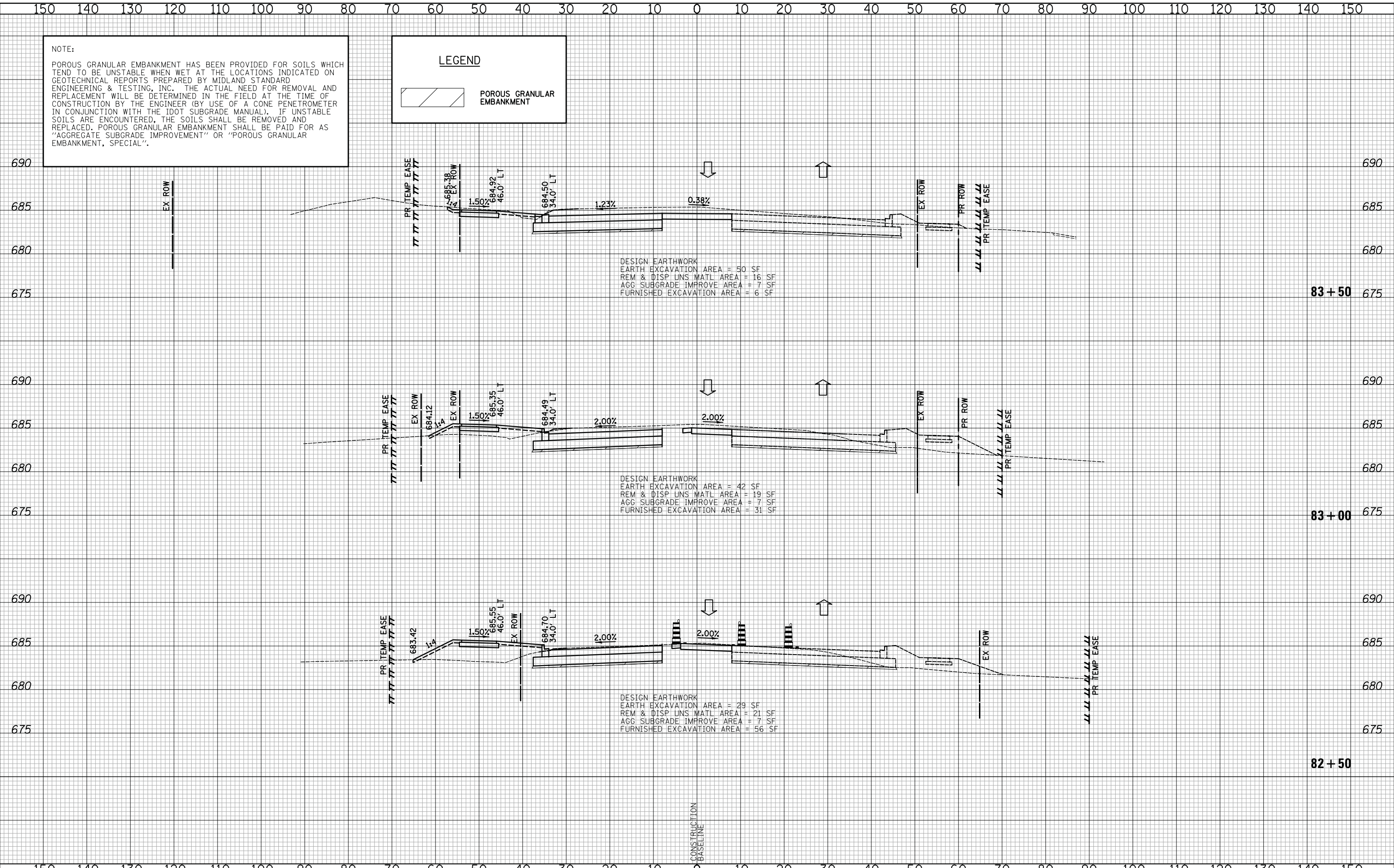
NOTE:
 POROUS GRANULAR EMBANKMENT HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET AT THE LOCATIONS INDICATED ON GEOTECHNICAL REPORTS PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED. POROUS GRANULAR EMBANKMENT SHALL BE PAID FOR AS "AGGREGATE SUBGRADE IMPROVEMENT" OR "POROUS GRANULAR EMBANKMENT, SPECIAL".

LEGEND

POROUS GRANULAR EMBANKMENT

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FINAL SURVEY	
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ORIGINAL SURVEY	
NOTE BOOK	
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CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 8 OF 36 SHEETS STA. 82+50 TO STA. 83+50

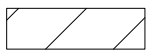
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	434
CONTRACT NO. 61F25				

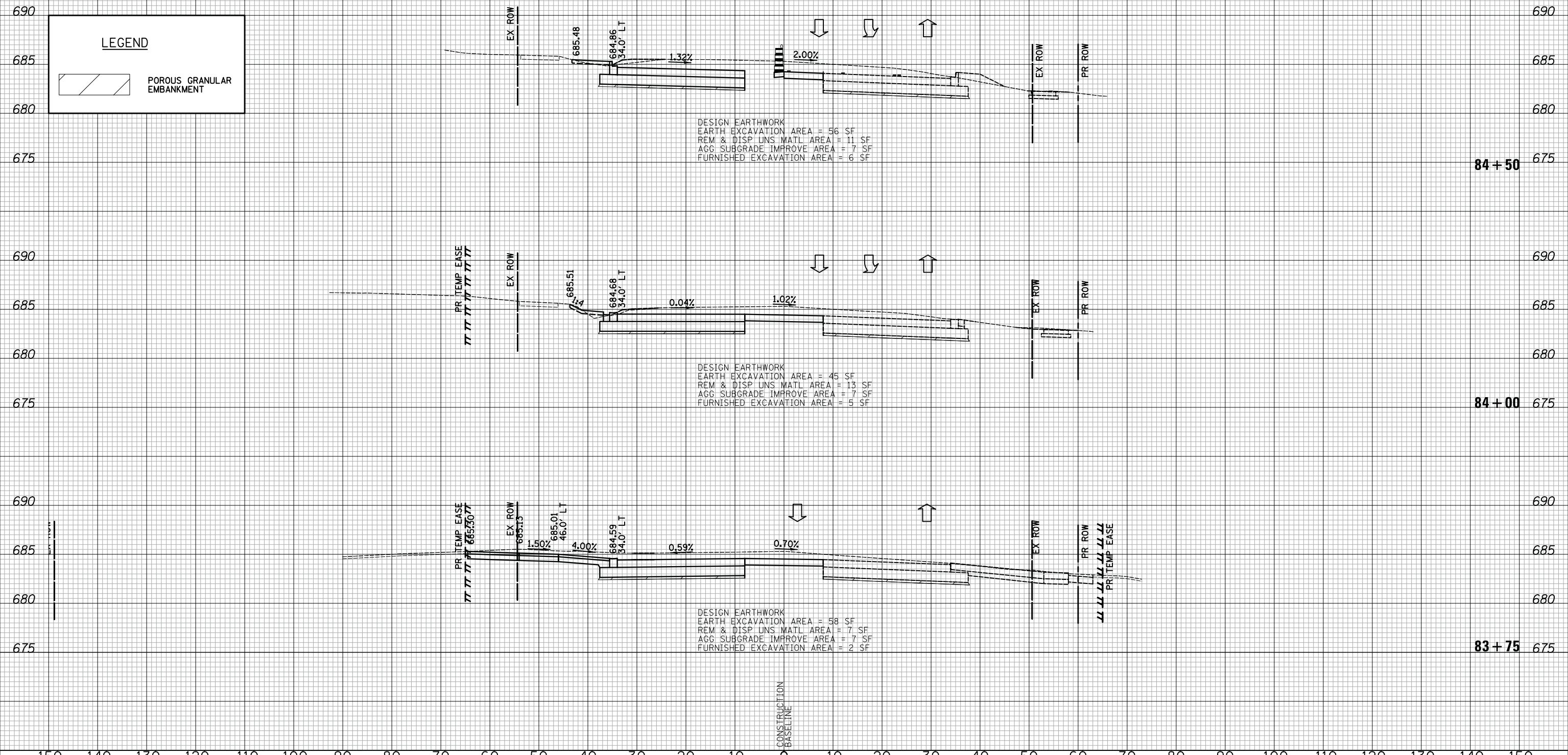
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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LEGEND
 POROUS GRANULAR EMBANKMENT



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 56 SF
 REM & DISP UNS MATL AREA = 11 SF
 AGG SUBGRADE IMPROVE AREA = 7 SF
 FURNISHED EXCAVATION AREA = 6 SF

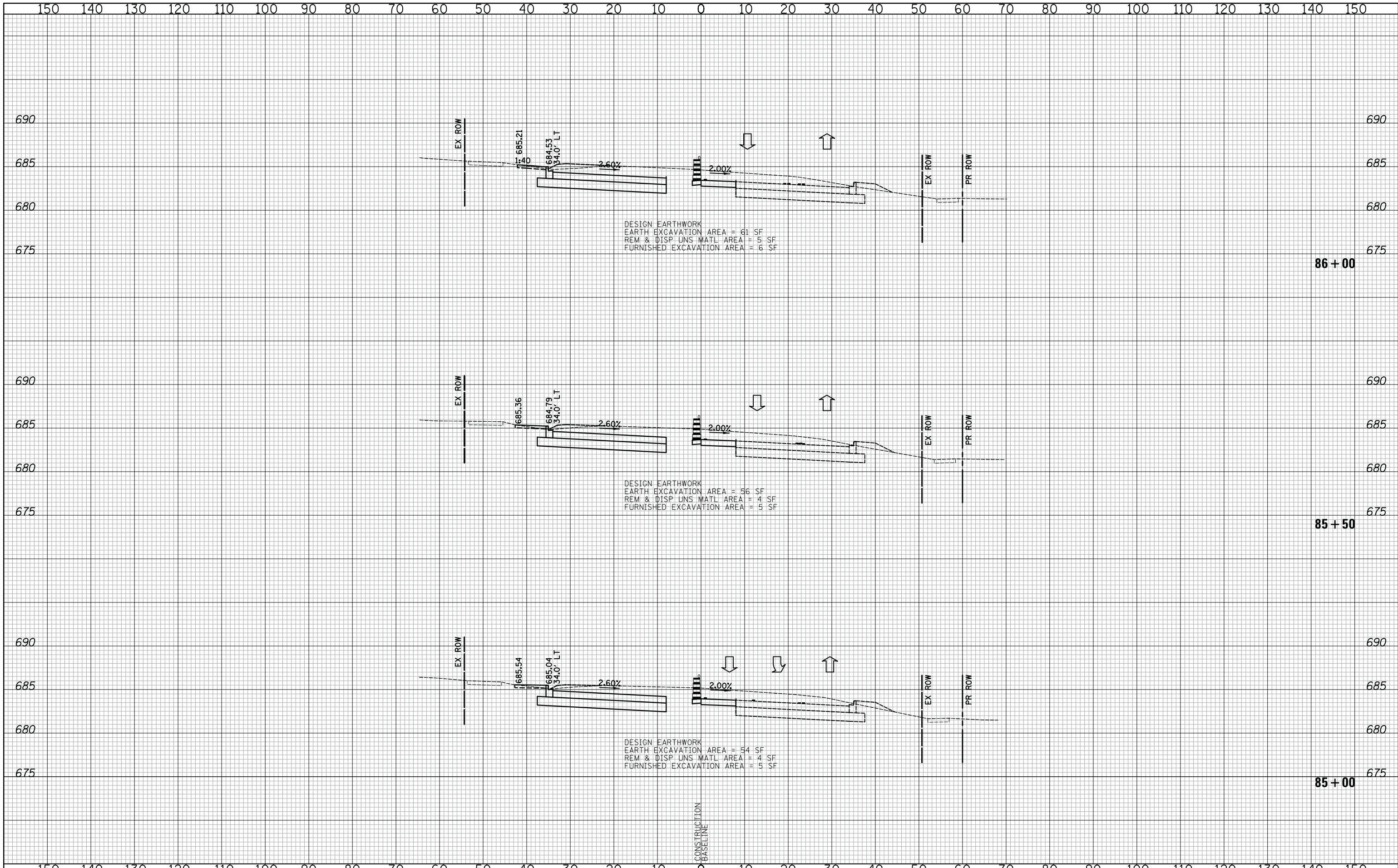
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 45 SF
 REM & DISP UNS MATL AREA = 13 SF
 AGG SUBGRADE IMPROVE AREA = 7 SF
 FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 58 SF
 REM & DISP UNS MATL AREA = 7 SF
 AGG SUBGRADE IMPROVE AREA = 7 SF
 FURNISHED EXCAVATION AREA = 2 SF

CONSTRUCTION
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DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 61 SF
 REM & DISP UNS MATL AREA = 5 SF
 FURNISHED EXCAVATION AREA = 6 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 56 SF
 REM & DISP UNS MATL AREA = 4 SF
 FURNISHED EXCAVATION AREA = 5 SF

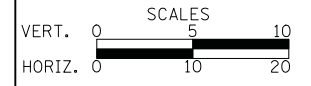
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 54 SF
 REM & DISP UNS MATL AREA = 4 SF
 FURNISHED EXCAVATION AREA = 5 SF

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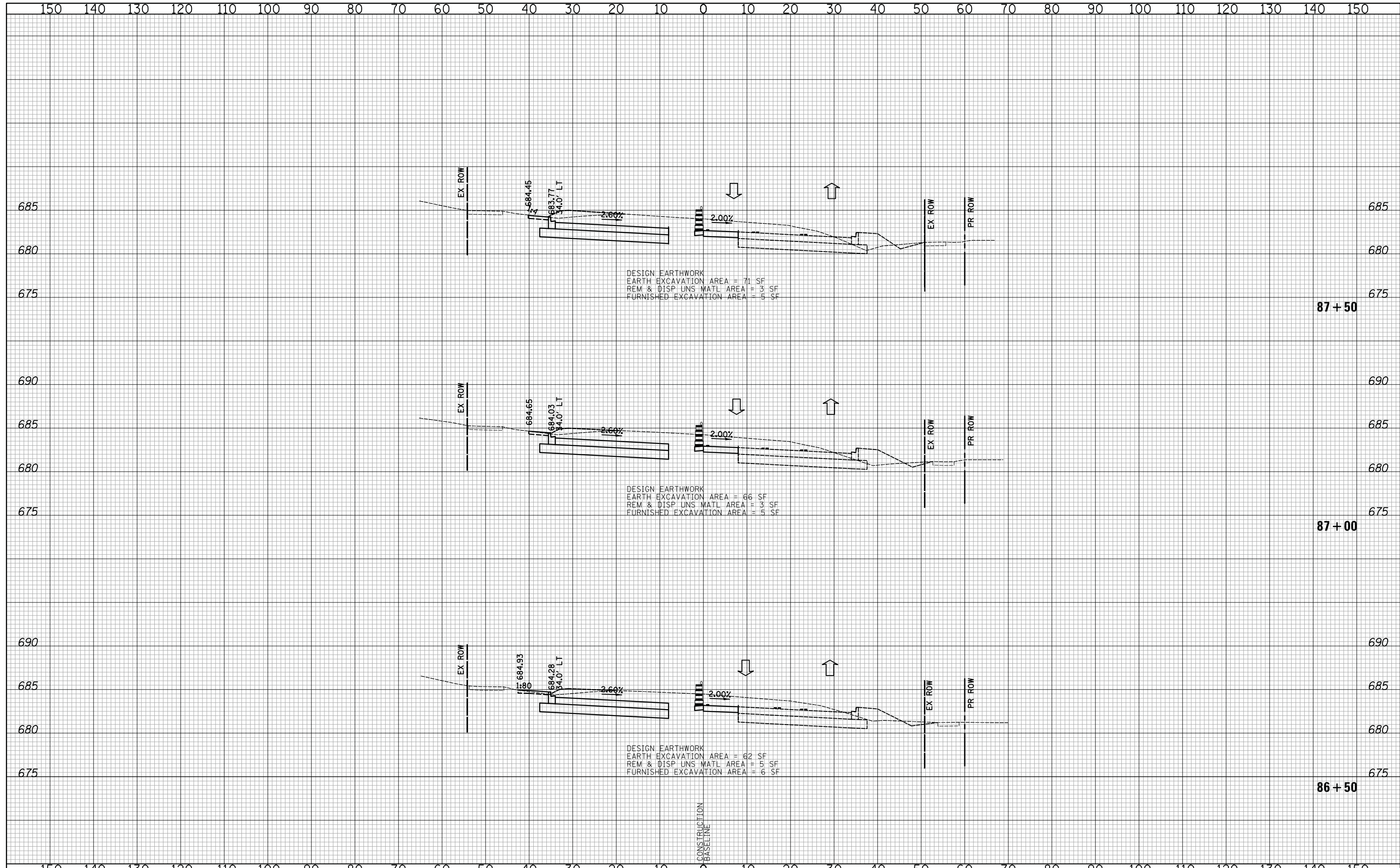
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 10 OF 36 SHEETS STA. 85+00 TO STA. 86+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	436
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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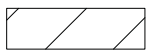
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 11 OF 36 SHEETS STA. 86+50 TO STA. 87+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	437
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61F25

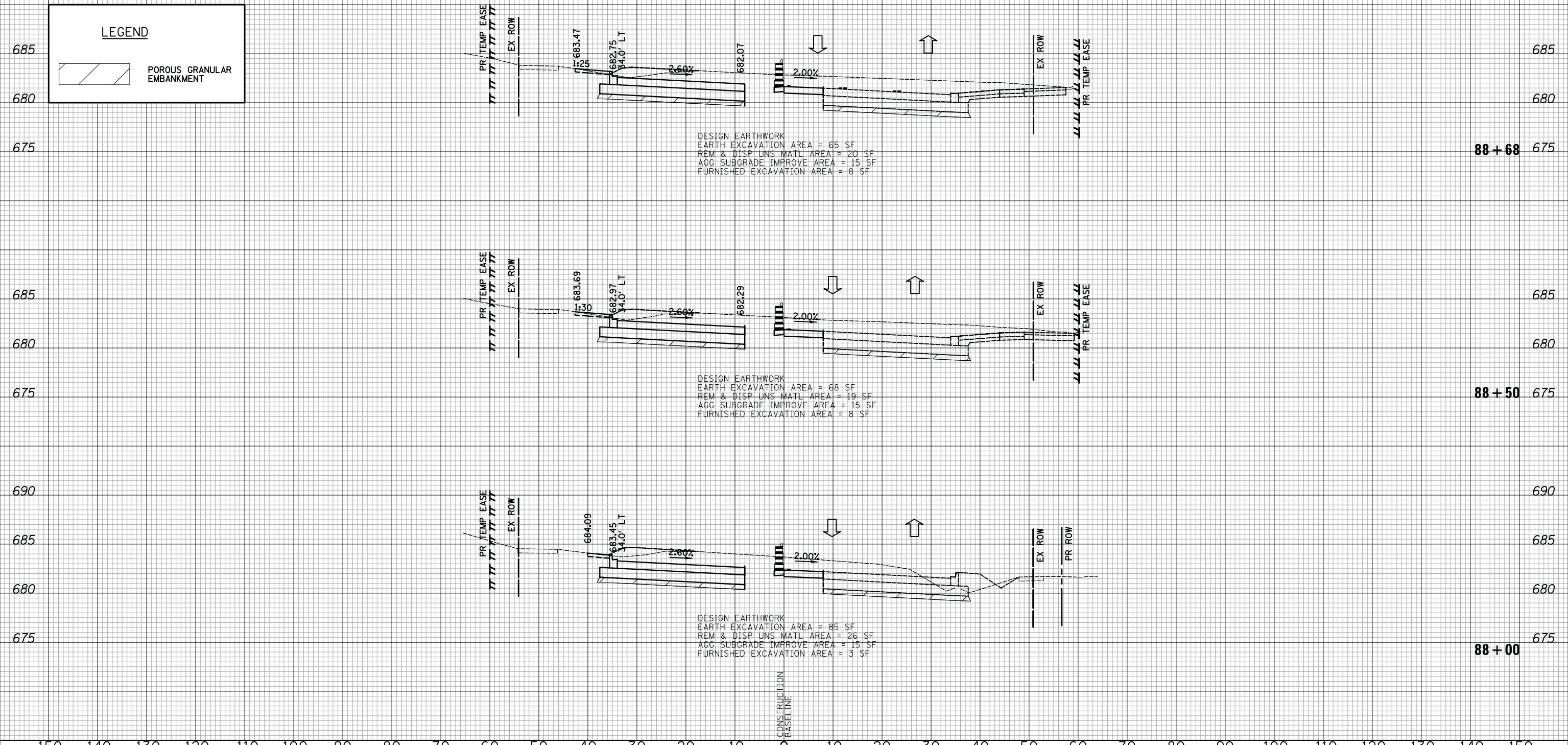
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

NOTE:
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LEGEND
 POROUS GRANULAR EMBANKMENT

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

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CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 12 OF 36 SHEETS STA. 88+00 TO STA. 88+68

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	438
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

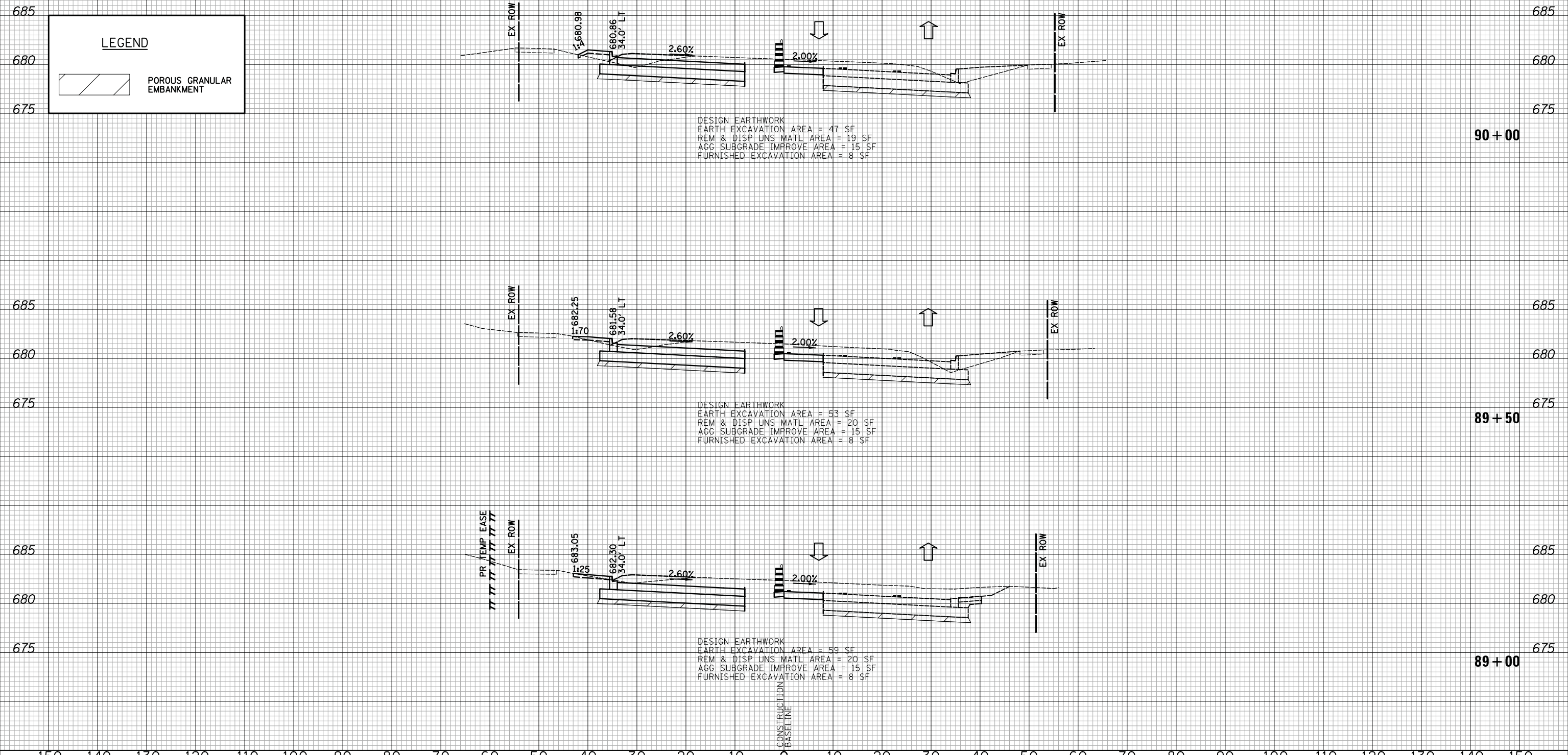
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LEGEND

POROUS GRANULAR EMBANKMENT



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

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CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 13 OF 36 SHEETS STA. 89+00 TO STA. 90+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	439
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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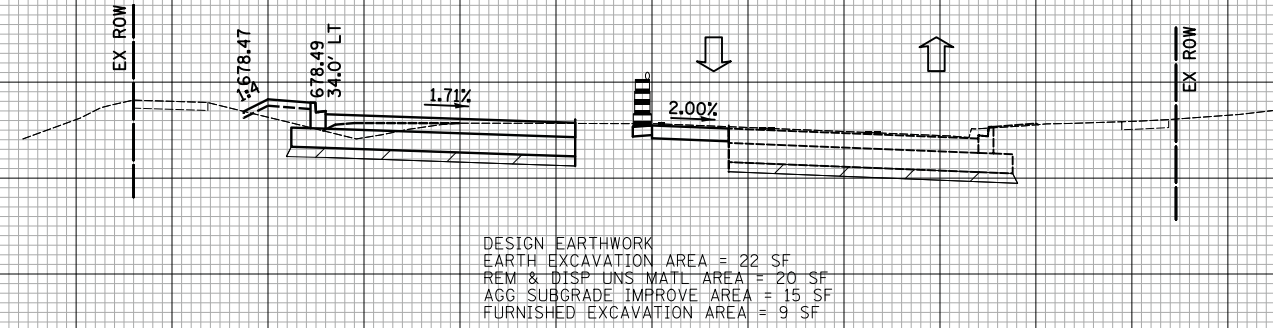
NOTE:
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LEGEND

DATE	BY
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NOTE BOOK	NO.

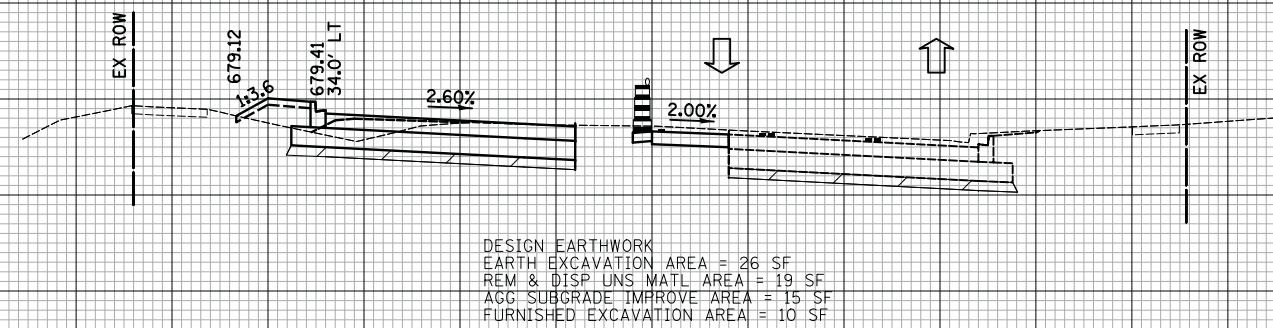
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NOTE BOOK	NO.

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675
670



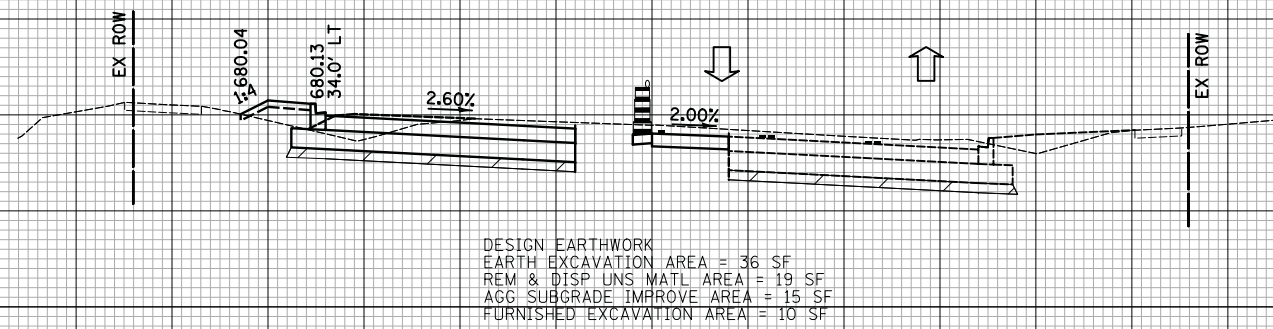
91+50

680
675
670



91+00

685
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90+50

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

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CROSS SECTIONS STAGE II - WEILAND ROAD

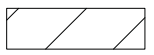
SHEET NO. 14 OF 36 SHEETS STA. 90+50 TO STA. 91+50

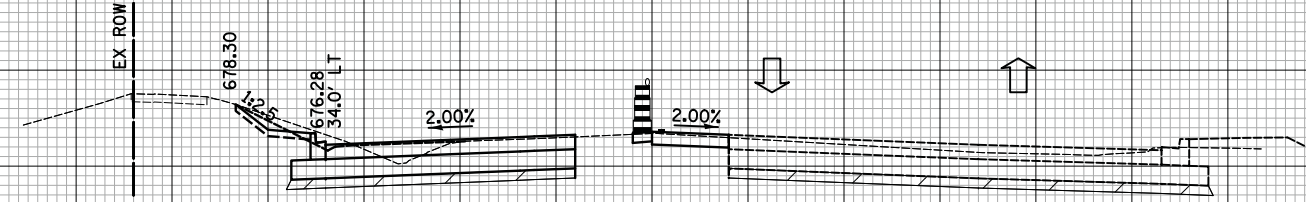
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	440
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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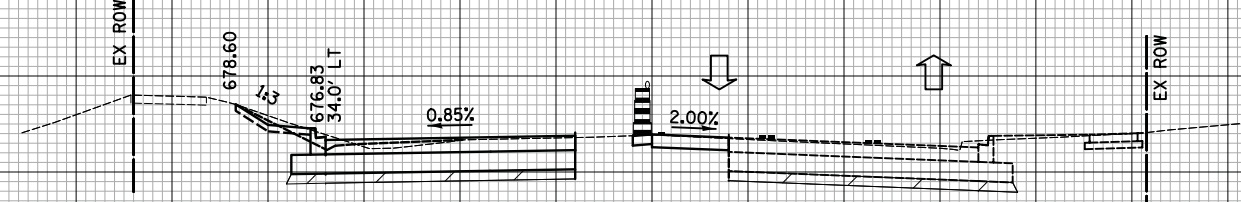
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LEGEND
 POROUS GRANULAR EMBANKMENT



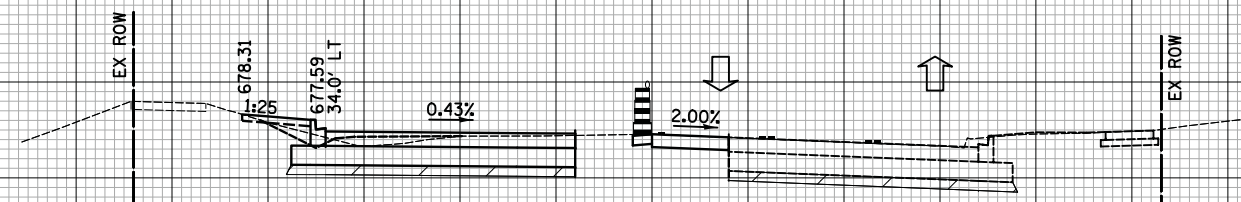
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 38 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 8 SF

93+00



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 35 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 7 SF

92+50



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 29 SF
 REM & DISP UNS MATL AREA = 16 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 8 SF

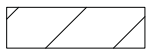
92+00

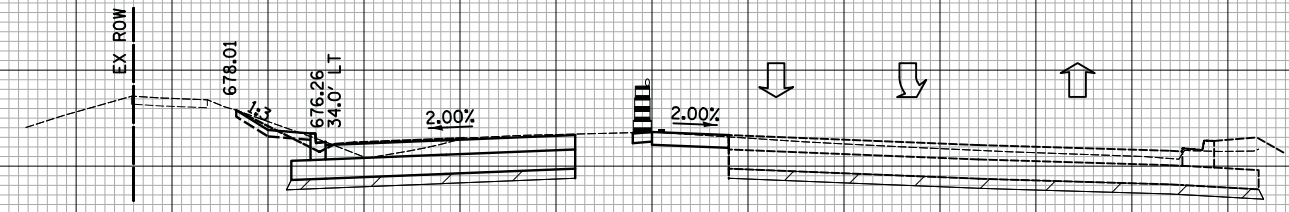
CONSTRUCTION
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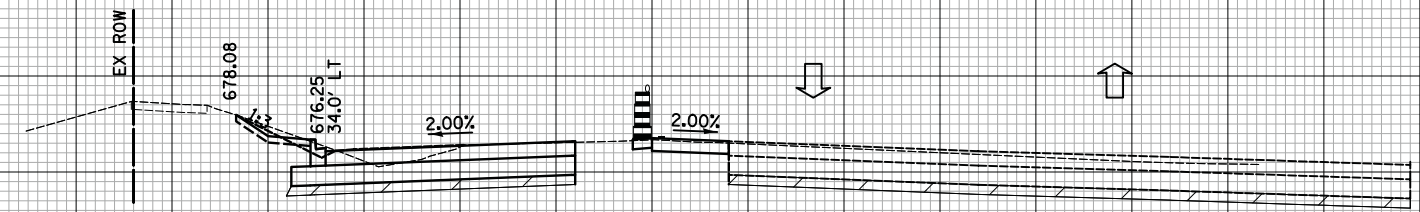
NOTE:
 POROUS GRANULAR EMBANKMENT HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET AT THE LOCATIONS INDICATED ON GEOTECHNICAL REPORTS PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED. POROUS GRANULAR EMBANKMENT SHALL BE PAID FOR AS "AGGREGATE SUBGRADE IMPROVEMENT" OR "POROUS GRANULAR EMBANKMENT, SPECIAL".

LEGEND
 POROUS GRANULAR EMBANKMENT



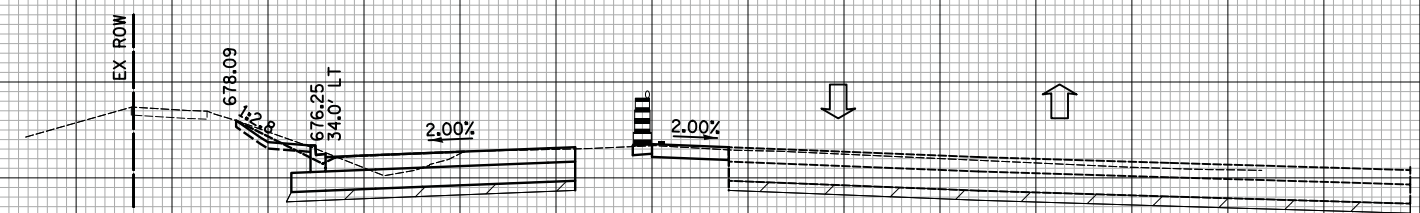
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 41 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 8 SF

93+50



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 40 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 8 SF

93+30.03



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 39 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 8 SF

93+26

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DATE - 6/10/2019	REVISED -

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CROSS SECTIONS STAGE II - WEILAND ROAD

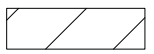
SHEET NO. 16 OF 36 SHEETS STA. 93+26 TO STA. 93+50

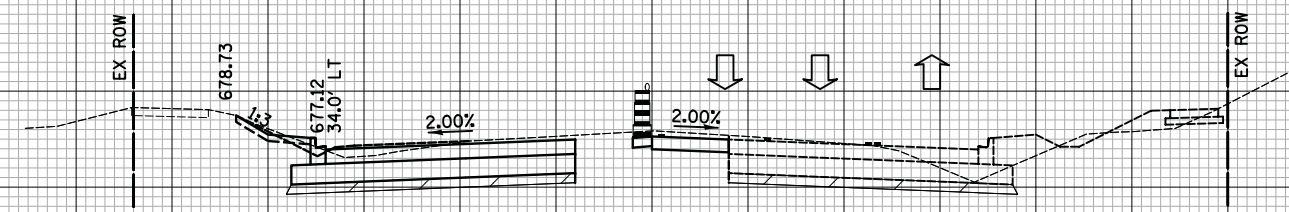
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	442
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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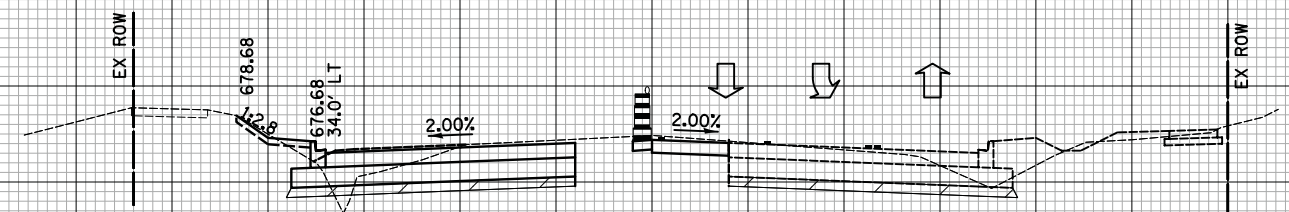
NOTE:
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LEGEND
 POROUS GRANULAR EMBANKMENT



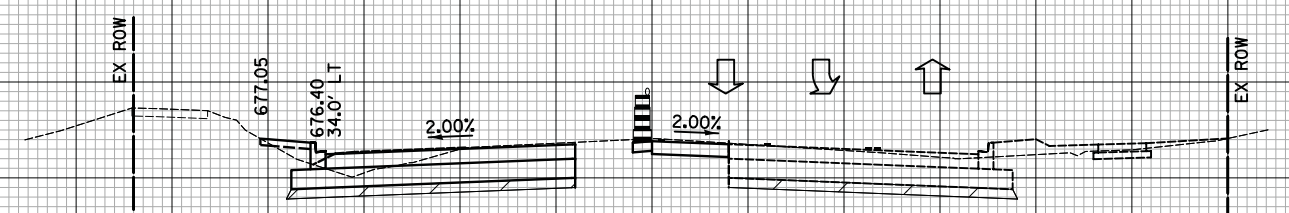
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 43 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 7 SF

95+00



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 37 SF
 REM & DISP UNS MATL AREA = 20 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 8 SF

94+50



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 33 SF
 REM & DISP UNS MATL AREA = 19 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 7 SF

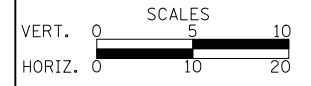
94+00

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CROSS SECTIONS STAGE II - WEILAND ROAD

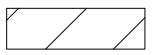
SHEET NO. 17 OF 36 SHEETS STA. 94+00 TO STA. 95+00

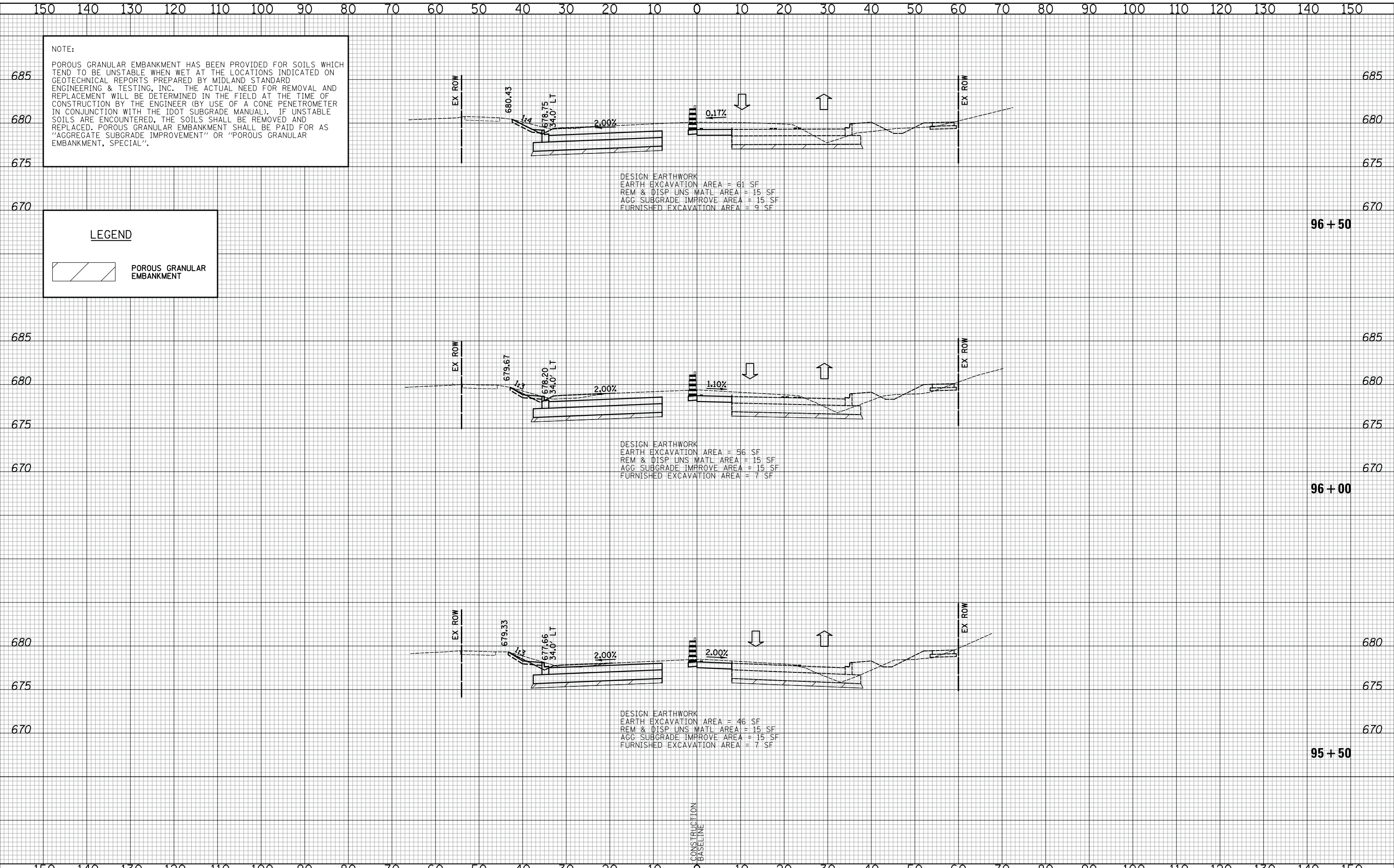
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	443
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
NOTE BOOK	
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LEGEND
 POROUS GRANULAR EMBANKMENT



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 61 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 9 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 56 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 7 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 46 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 7 SF

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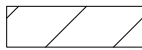


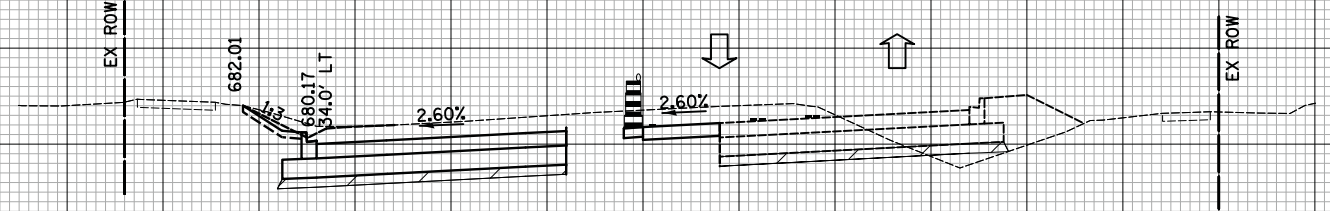
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 18 OF 36 SHEETS STA. 95+50 TO STA. 96+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	444
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

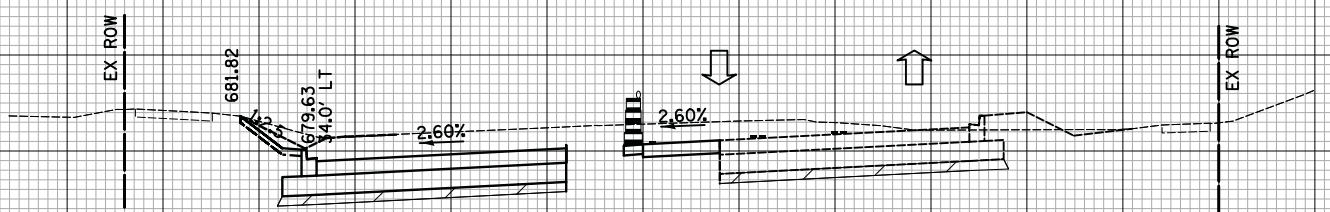
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LEGEND
 POROUS GRANULAR EMBANKMENT



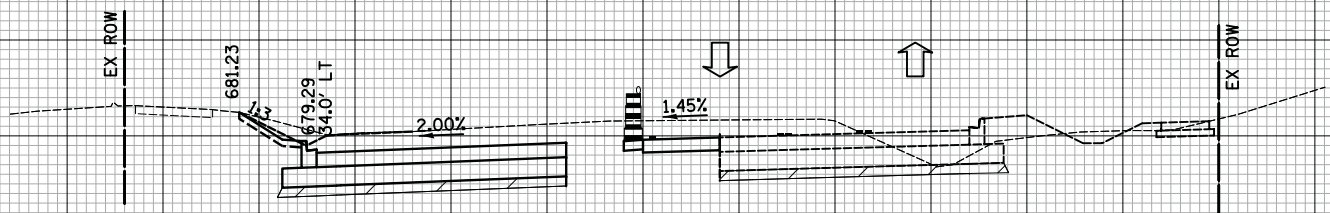
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 61 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 9 SF

98+00



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 73 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 10 SF

97+50



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 66 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 9 SF

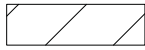
97+00

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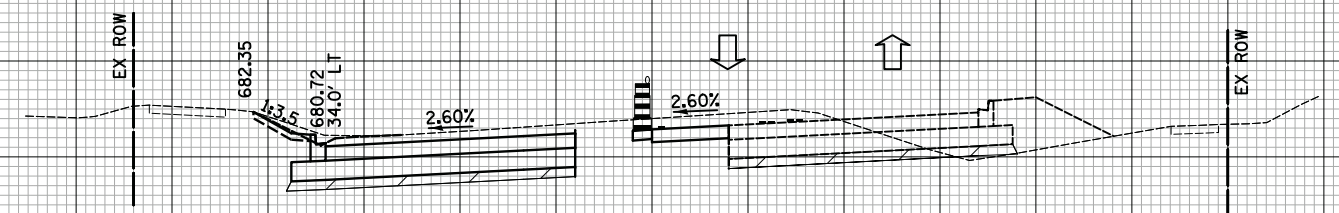
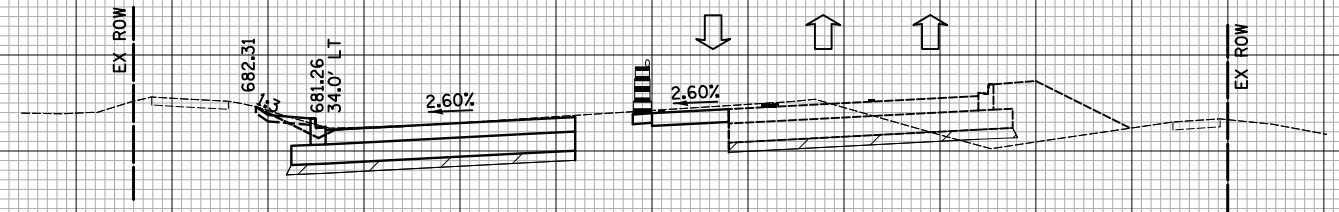
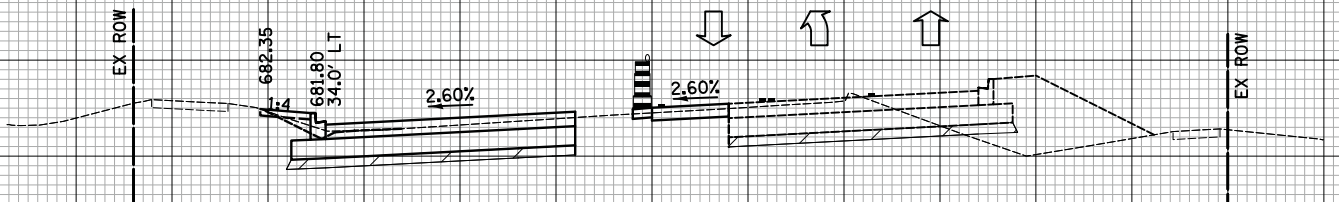
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LEGEND
 POROUS GRANULAR EMBANKMENT

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 23 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 7 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 35 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 7 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 50 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE AREA = 15 SF
 FURNISHED EXCAVATION AREA = 9 SF



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DATE	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
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TEMPLATE	
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NOTE BOOK	
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CROSS SECTIONS STAGE II - WEILAND ROAD

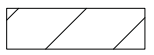
SHEET NO. 20 OF 36 SHEETS STA. 98+50 TO STA. 99+50

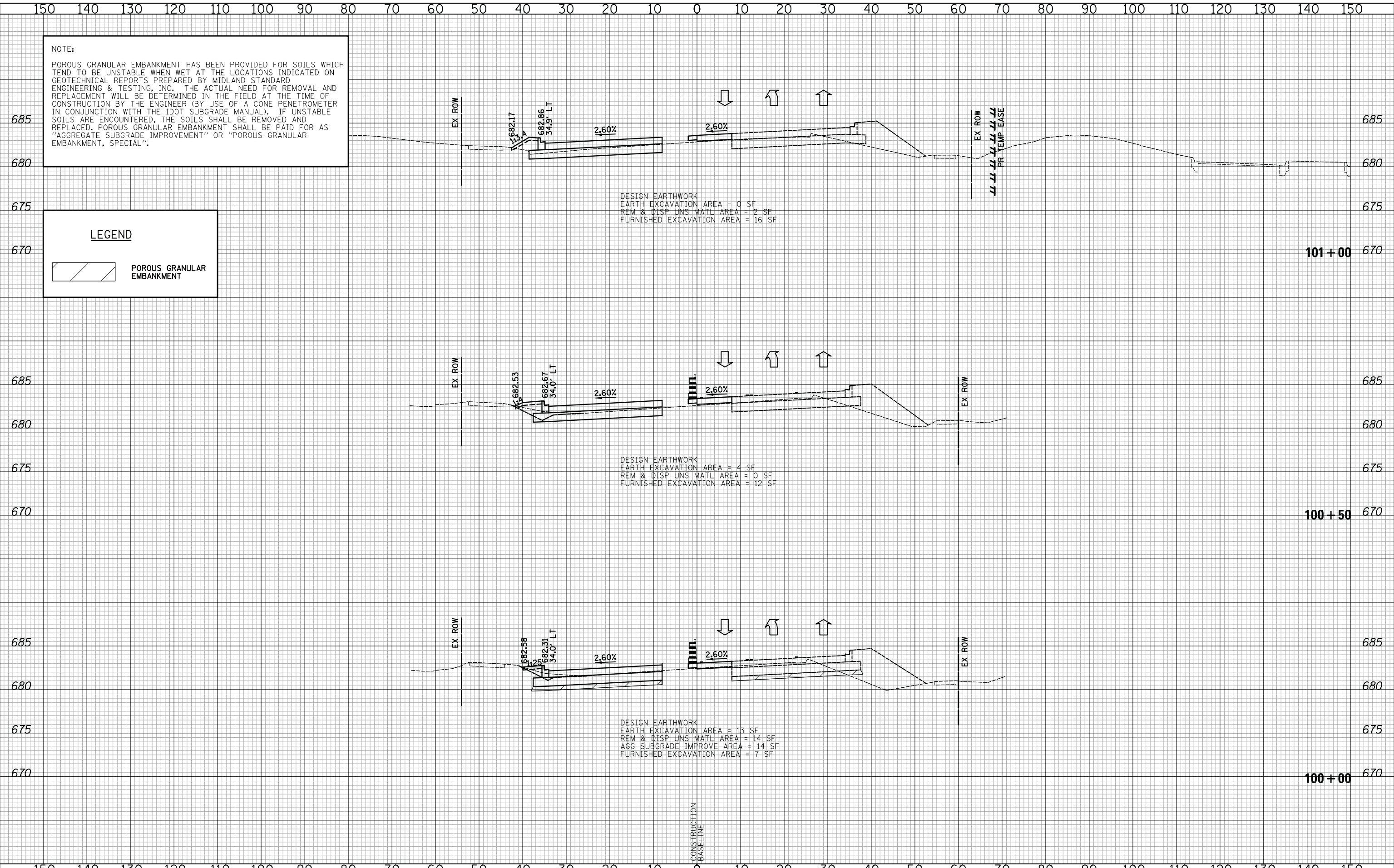
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	446
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F25	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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FINAL	
SURVEY	
NOTE BOOK	
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DATE	
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SURVEY	
NOTE BOOK	
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LEGEND
 POROUS GRANULAR EMBANKMENT



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 REM & DISP UNS MATL AREA = 2 SF
 FURNISHED EXCAVATION AREA = 16 SF

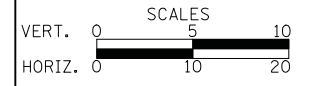
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 4 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 12 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 13 SF
 REM & DISP UNS MATL AREA = 14 SF
 AGG SUBGRADE IMPROVE AREA = 14 SF
 FURNISHED EXCAVATION AREA = 7 SF

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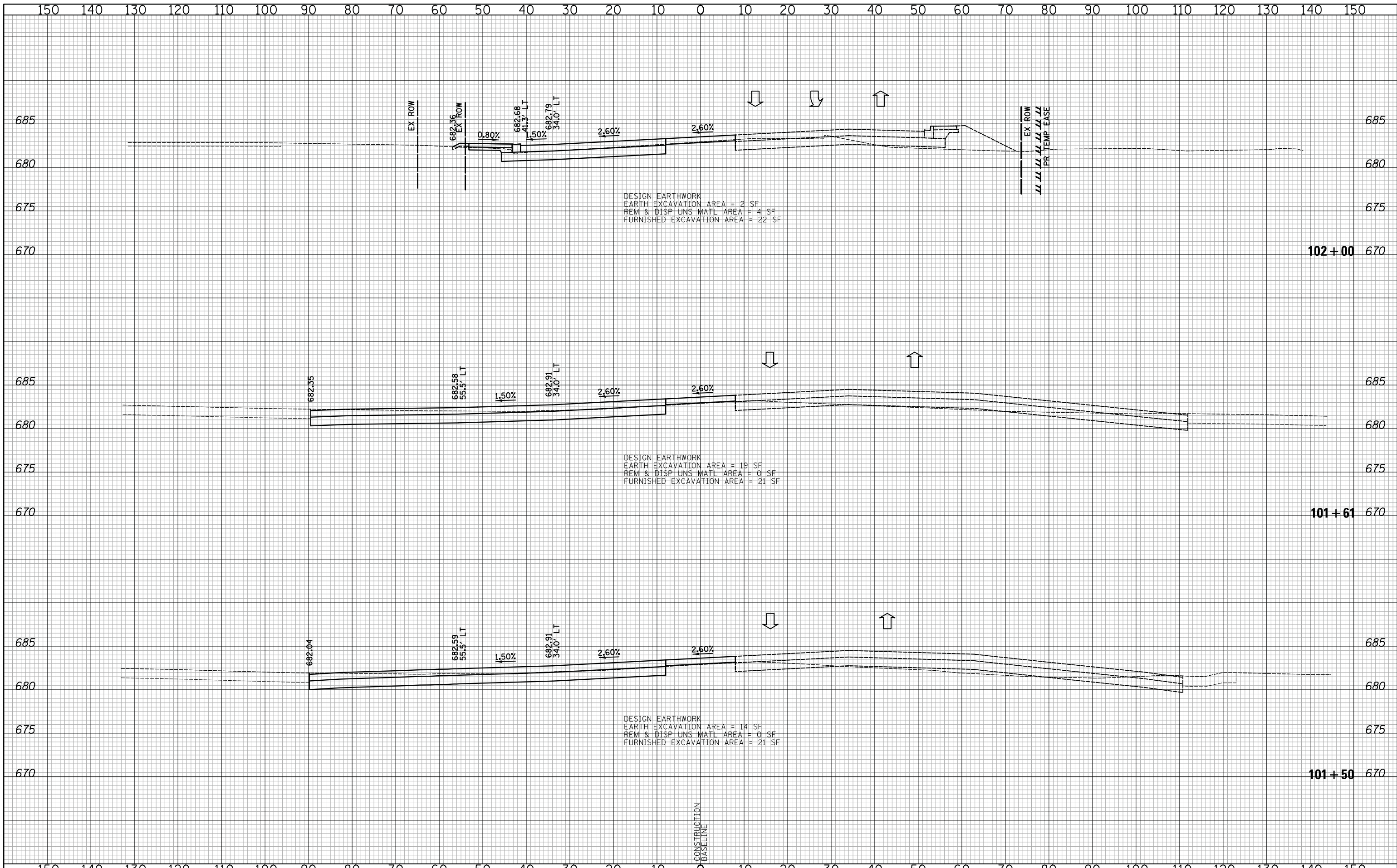
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 21 OF 36 SHEETS STA. 100+00 TO STA. 101+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	447
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61F25

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

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



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 2 SF
 REM & DISP UNS MATL AREA = 4 SF
 FURNISHED EXCAVATION AREA = 22 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 19 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 21 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 14 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 21 SF

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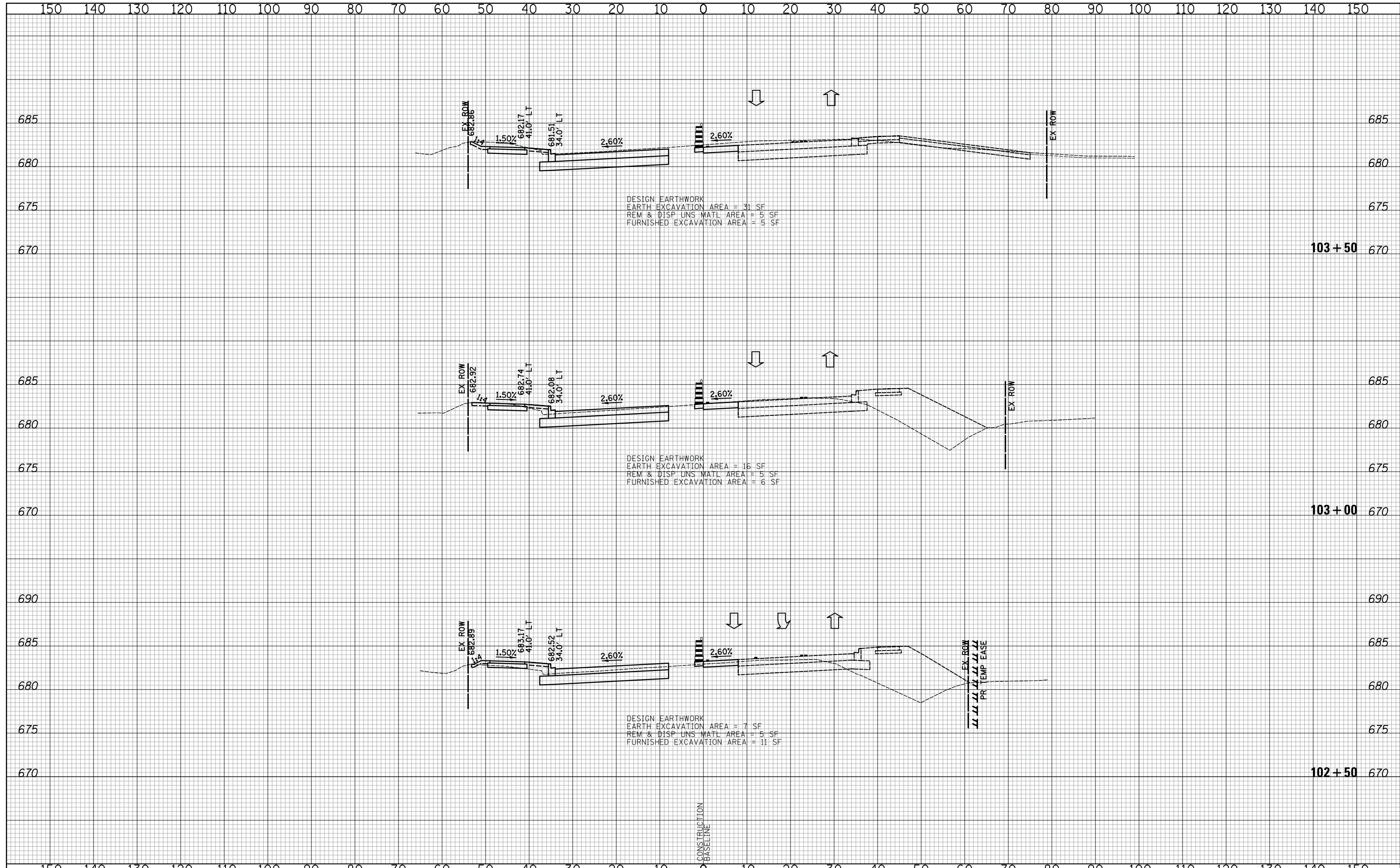
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 22 OF 36 SHEETS STA. 101+50 TO STA. 102+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	448
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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ORIGINAL SURVEY	
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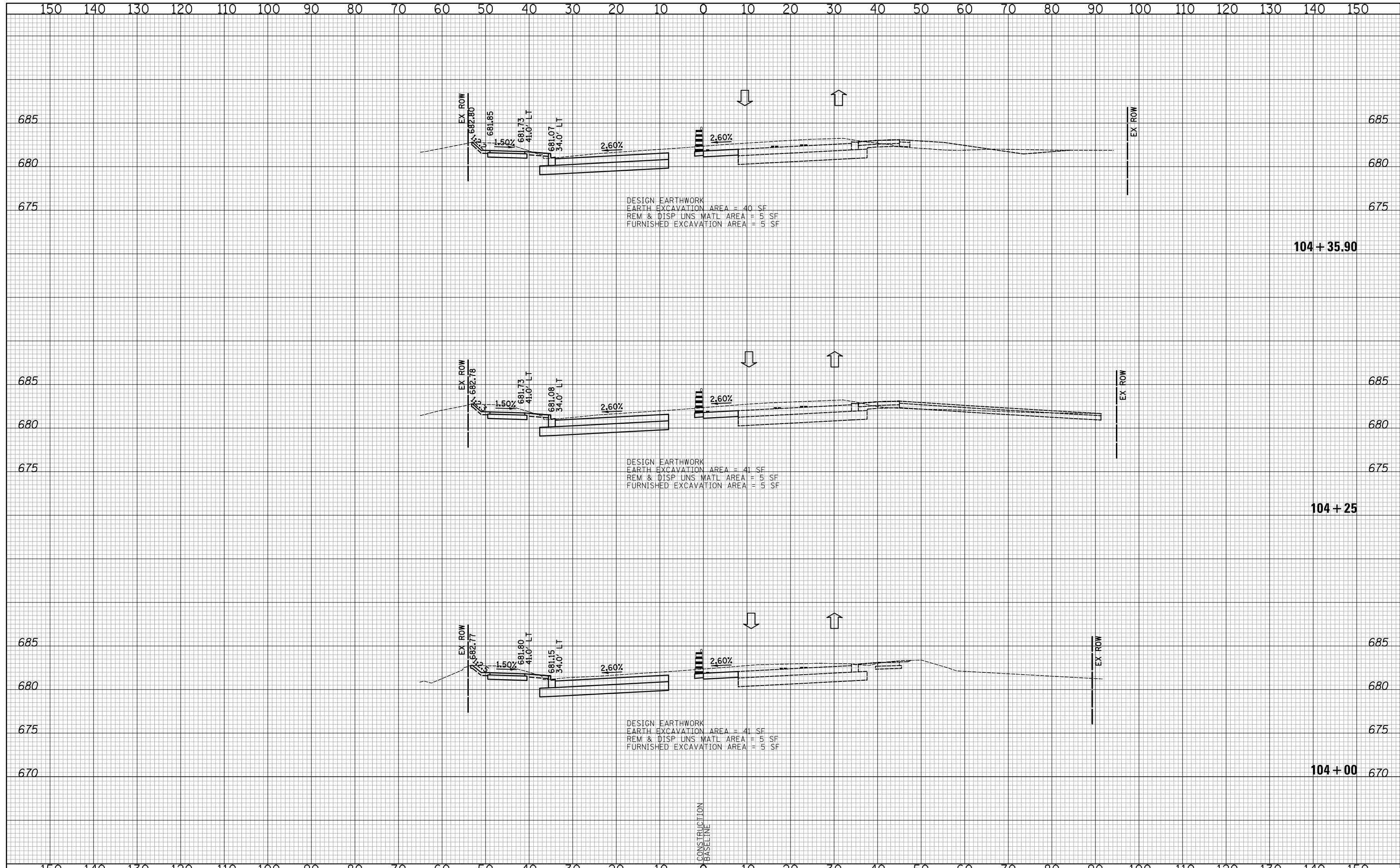
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 23 OF 36 SHEETS STA. 102+50 TO STA. 103+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	449
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
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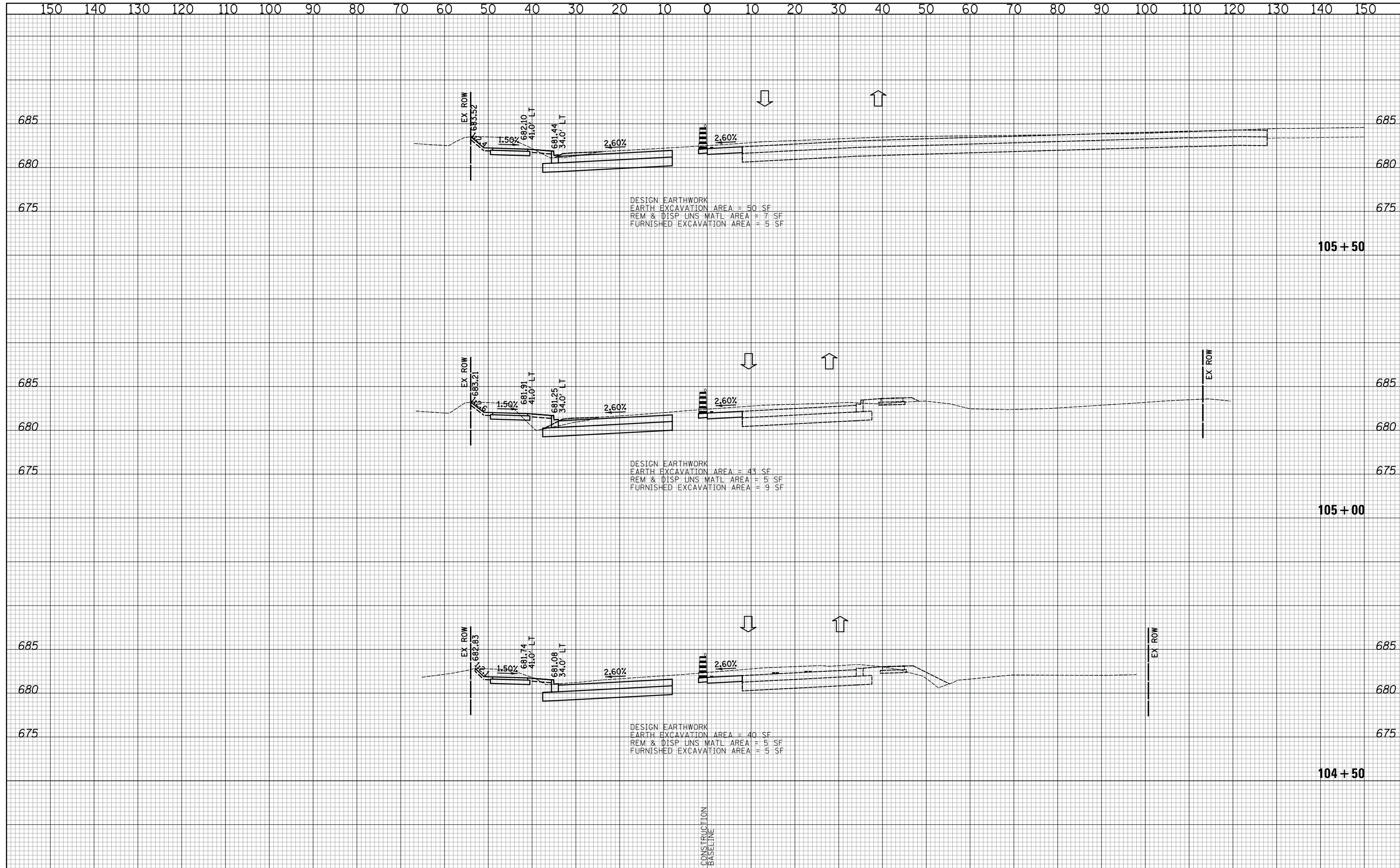
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 24 OF 36 SHEETS STA. 104+00 TO STA. 104+35.90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	450
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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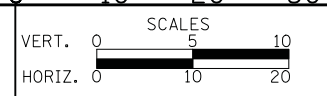
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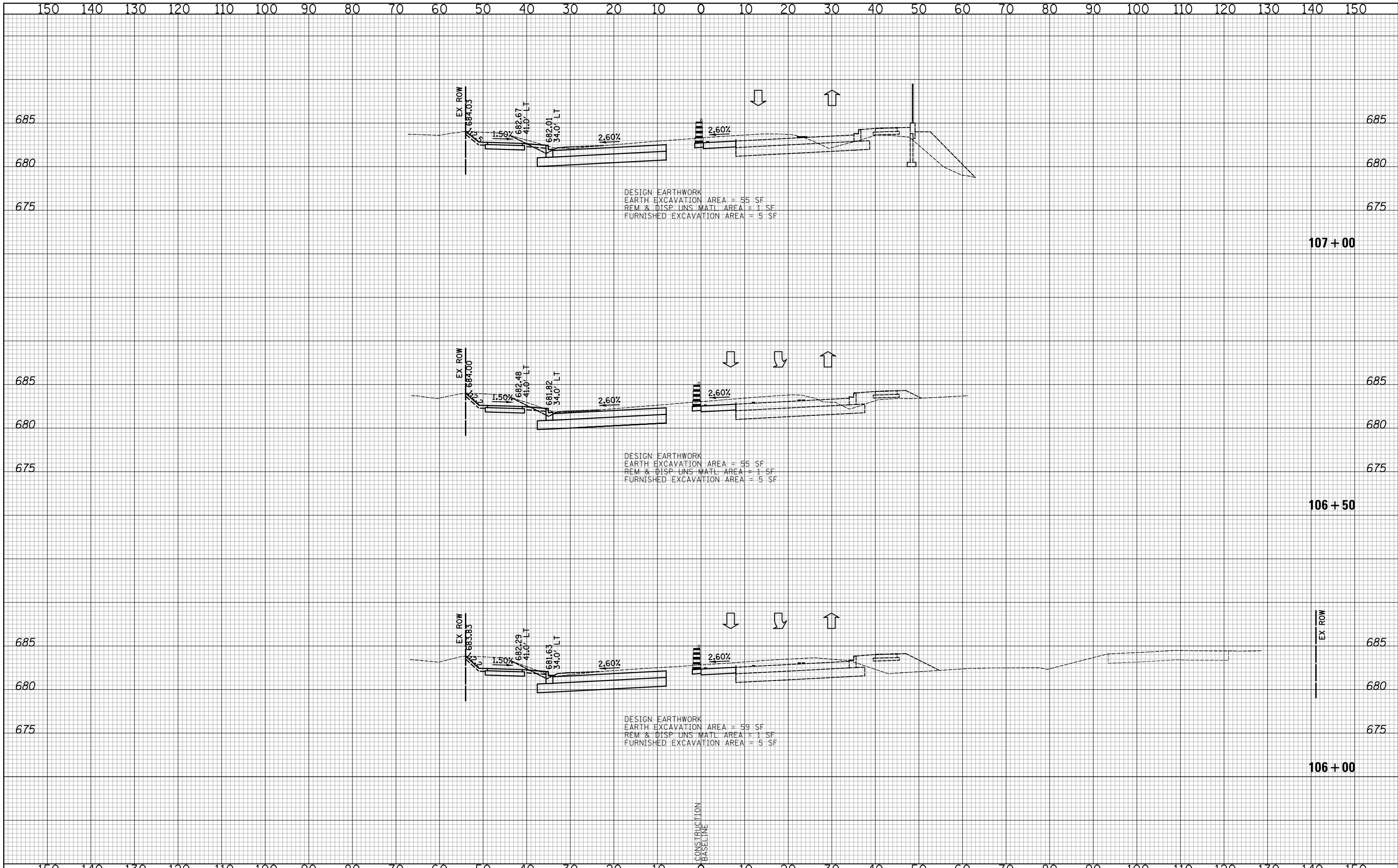
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 25 OF 36 SHEETS STA. 104+50 TO STA. 105+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	451
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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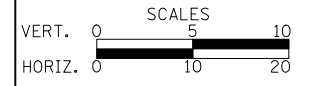
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TEMPLATE	
AREAS	
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DATE - 6/10/2019	REVISED -

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CROSS SECTIONS STAGE II - WEILAND ROAD

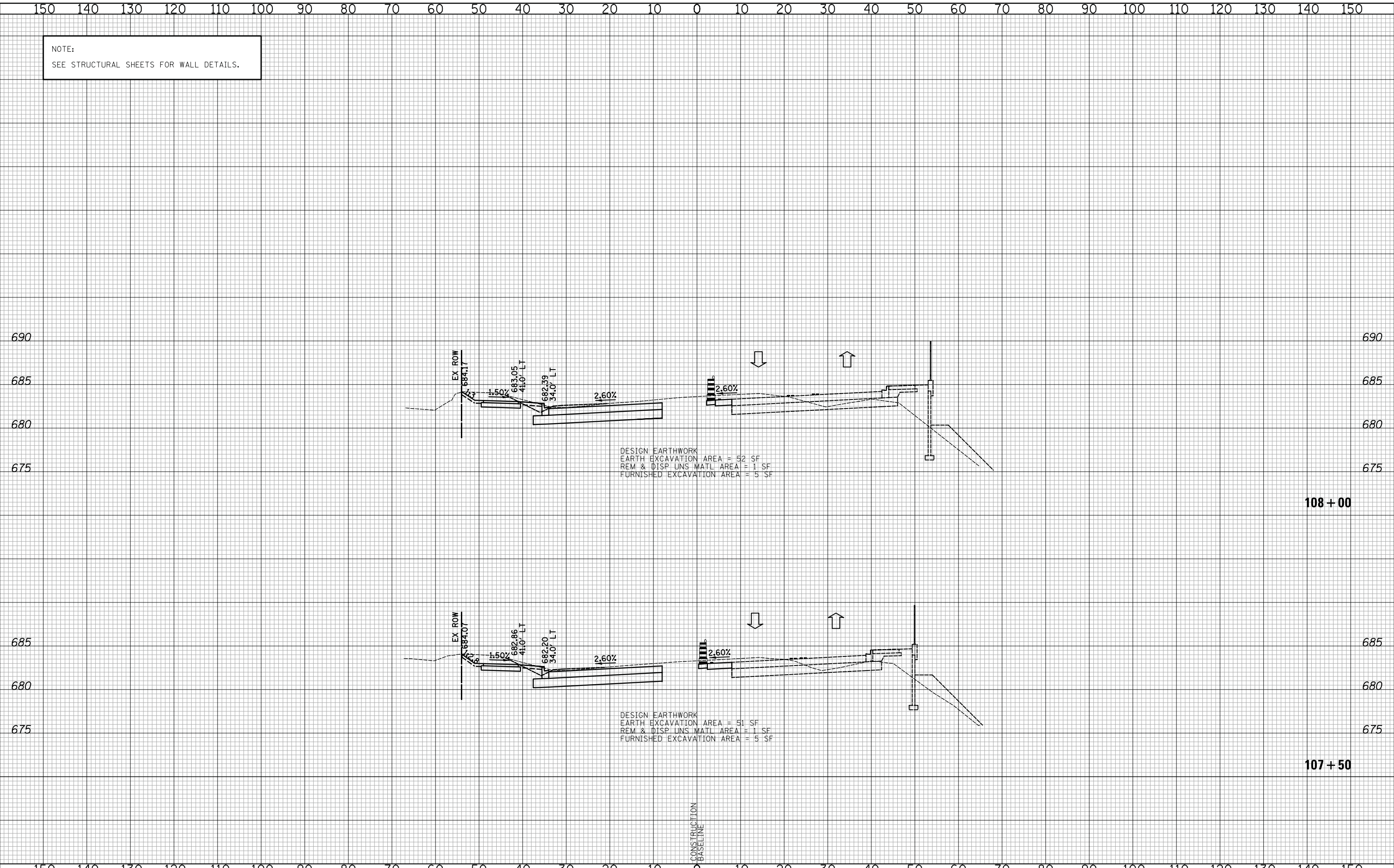
SHEET NO. 26 OF 36 SHEETS STA. 106+00 TO STA. 107+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	452
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

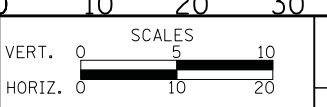
DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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DATE - 6/10/2019	REVISED -

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CROSS SECTIONS STAGE II - WEILAND ROAD

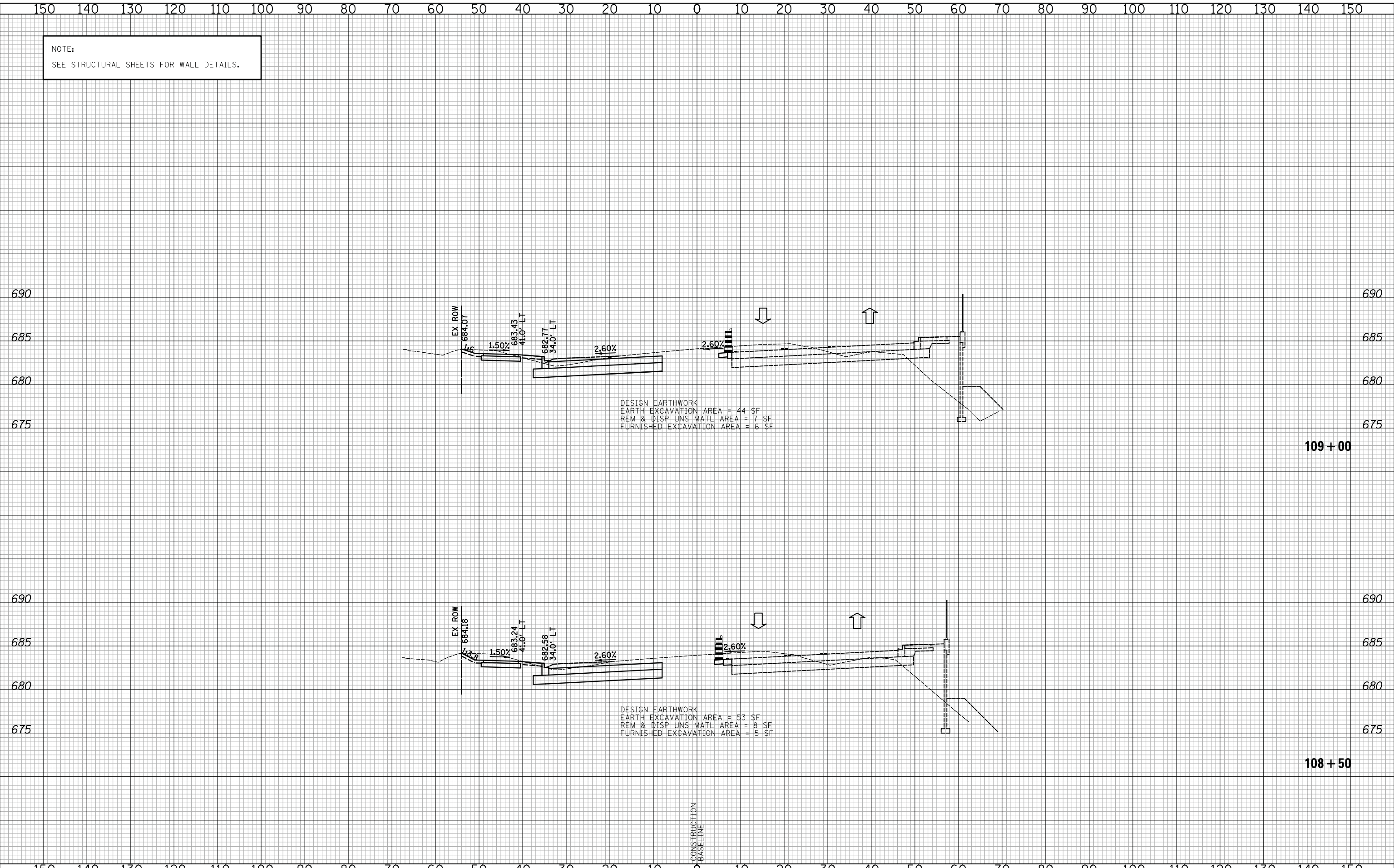
SHEET NO. 27 OF 36 SHEETS STA. 107+50 TO STA. 108+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	453
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NO.		FINISH	NO. BOOK	NO. BOOK	AREAS CHECKED

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



DESIGN EARTHWORK
EARTH EXCAVATION AREA = 44 SF
REM & DISP UNS MATL AREA = 7 SF
FURNISHED EXCAVATION AREA = 6 SF

DESIGN EARTHWORK
EARTH EXCAVATION AREA = 53 SF
REM & DISP UNS MATL AREA = 8 SF
FURNISHED EXCAVATION AREA = 5 SF

CONSTRUCTION
BASELINE



CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 28 OF 36 SHEETS STA. 108+50 TO STA. 109+00

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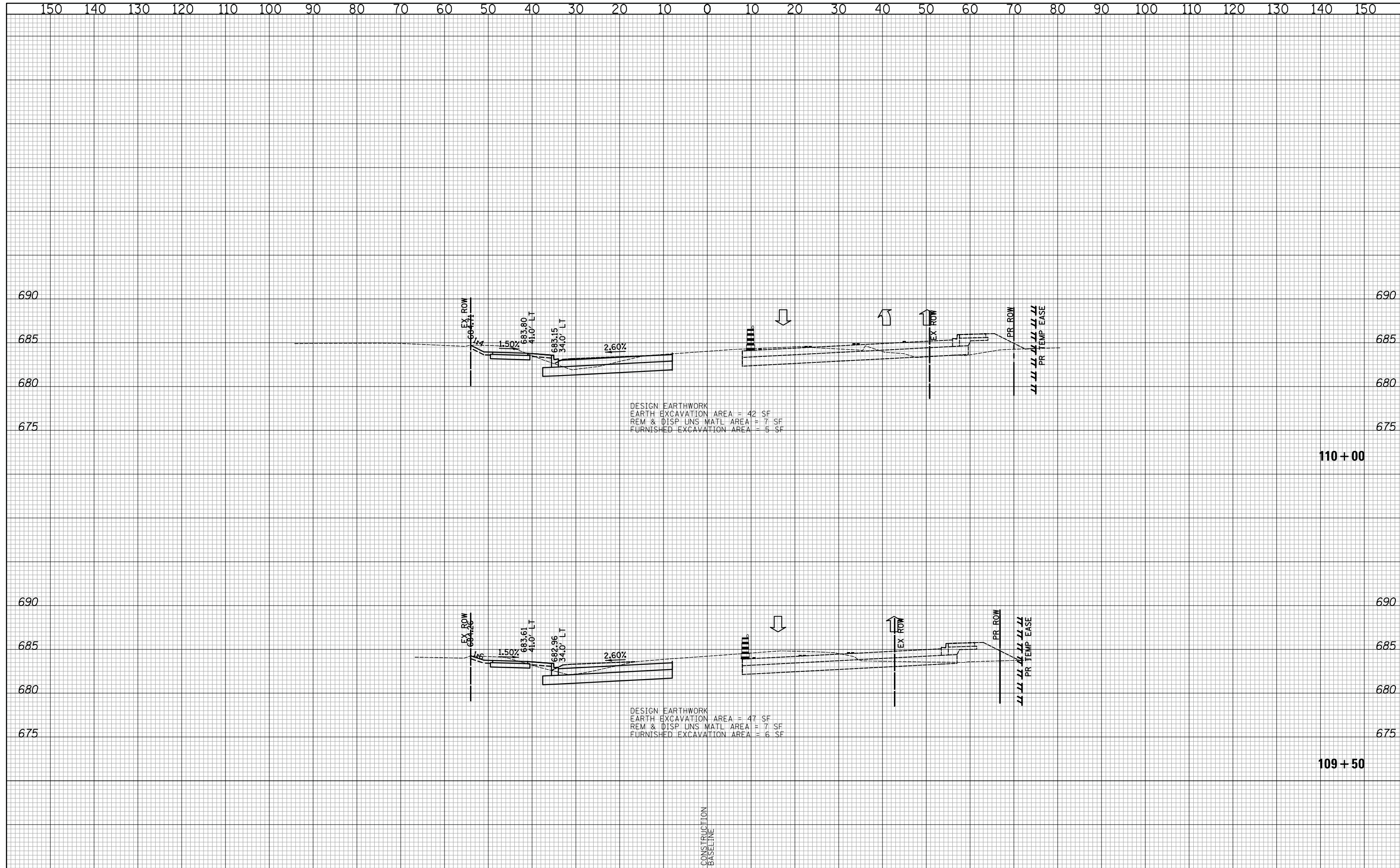
DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	454
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 42 SF
 REM & DISP UNS MATL AREA = 7 SF
 FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 47 SF
 REM & DISP UNS MATL AREA = 7 SF
 FURNISHED EXCAVATION AREA = 6 SF

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DATE - 6/10/2019	REVISED -

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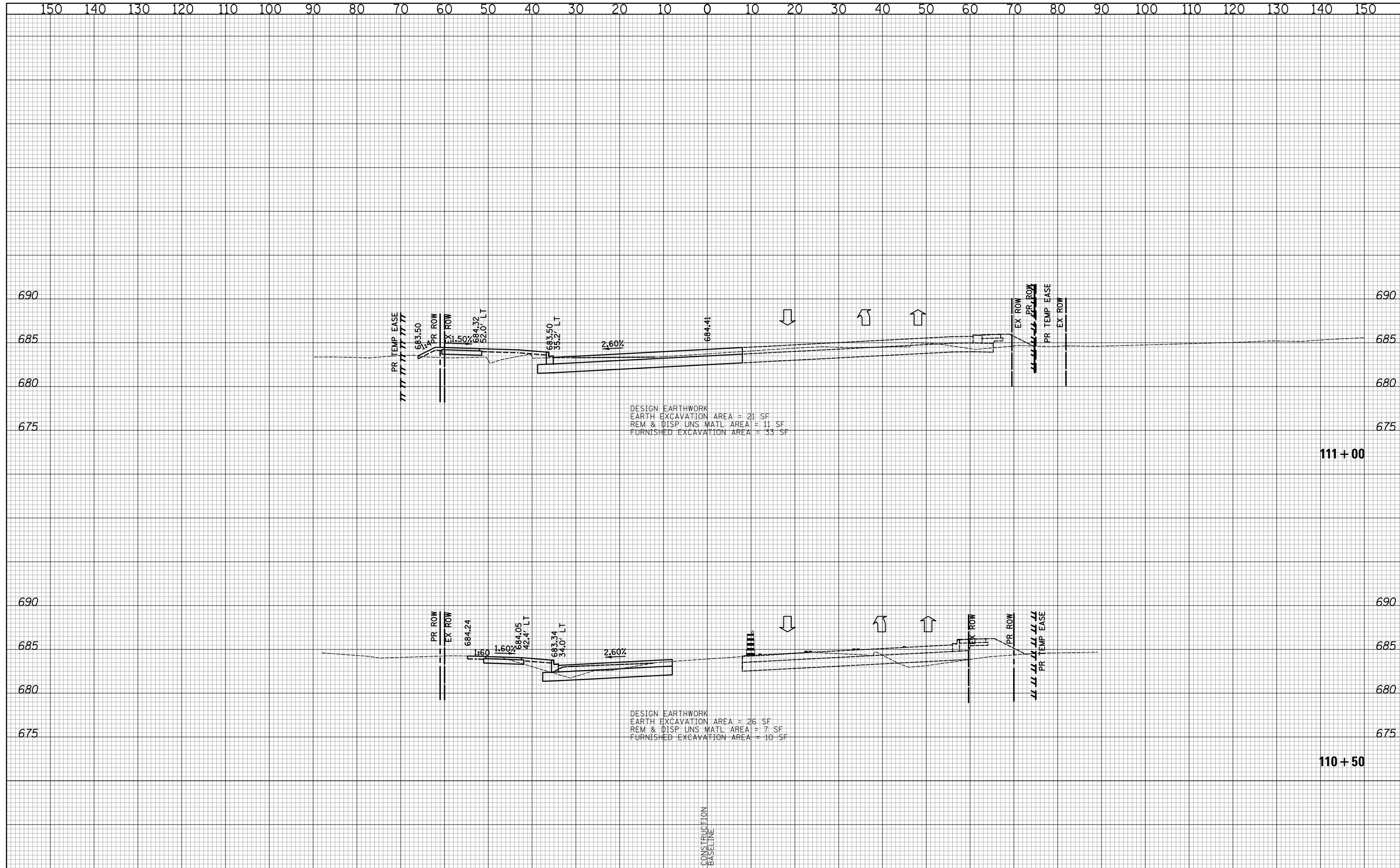
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 29 OF 36 SHEETS STA. 109+50 TO STA. 110+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	455
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 21 SF
 REM & DISP UNS MATL AREA = 11 SF
 FURNISHED EXCAVATION AREA = 33 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 26 SF
 REM & DISP UNS MATL AREA = 7 SF
 FURNISHED EXCAVATION AREA = 10 SF

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DATE - 6/10/2019	REVISED -

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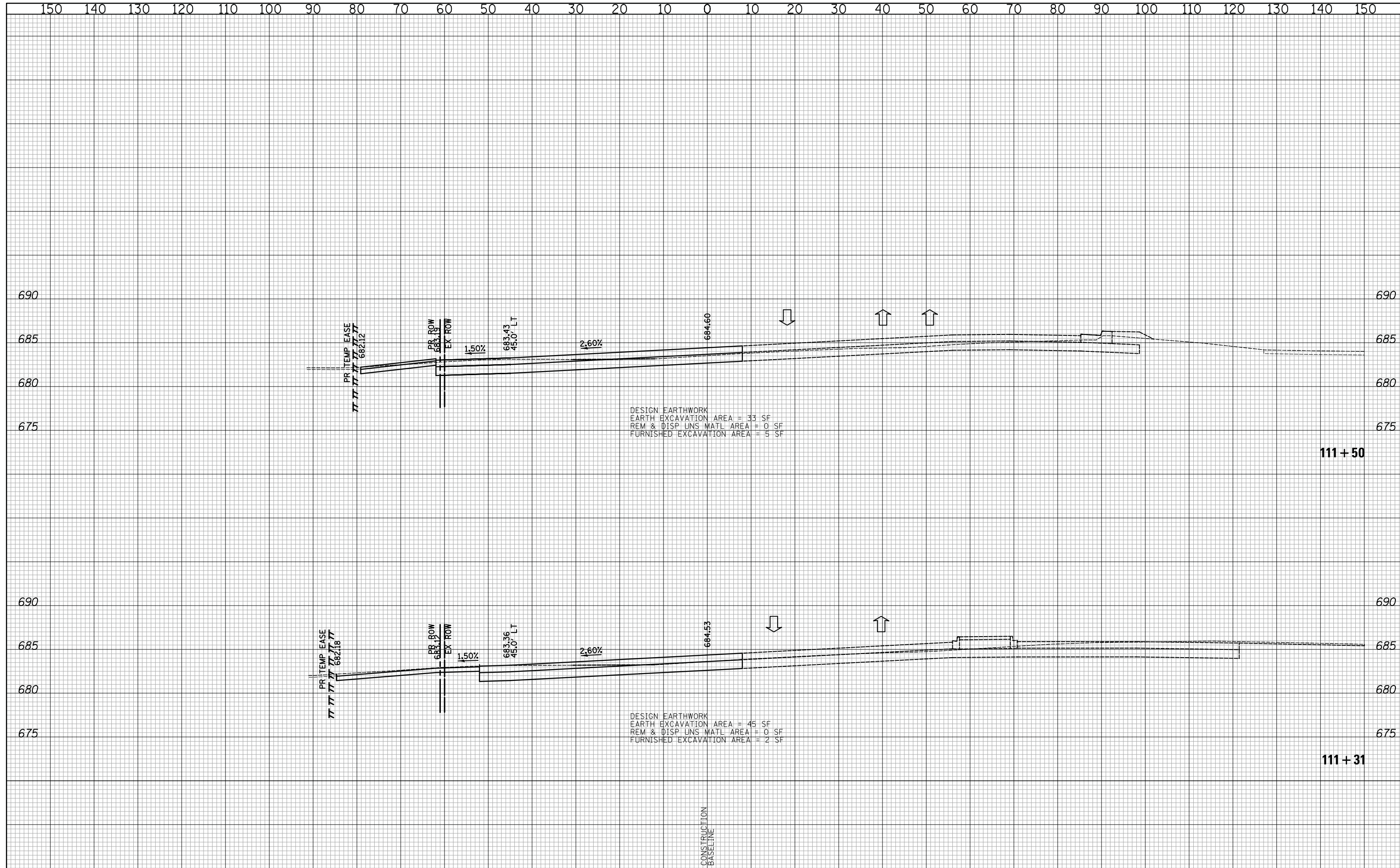
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 30 OF 36 SHEETS STA. 110+50 TO STA. 111+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	456
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 33 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 45 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 2 SF

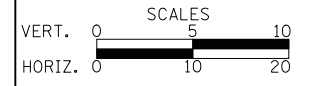
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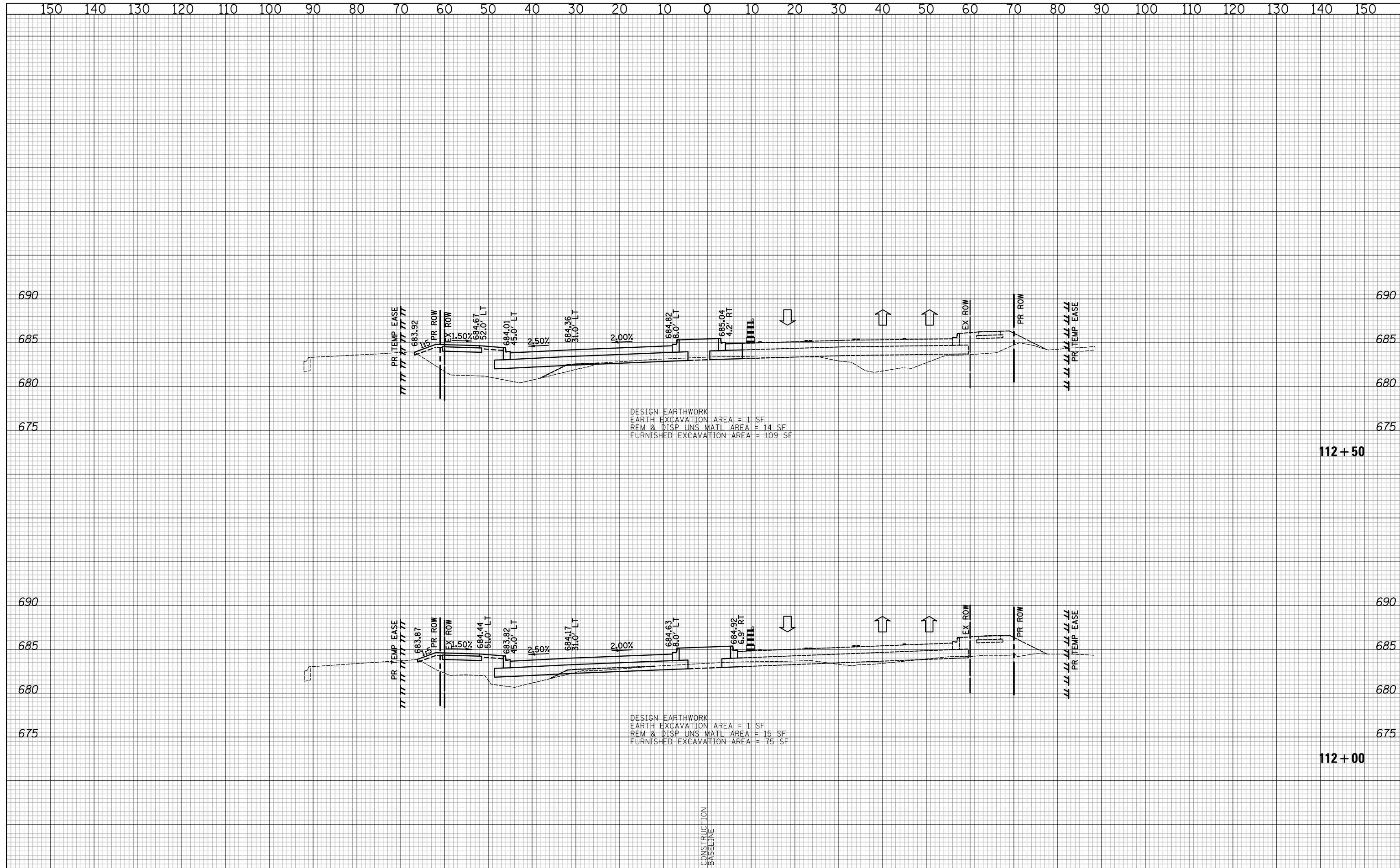
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 31 OF 36 SHEETS STA. 111+31 TO STA. 111+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	457
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

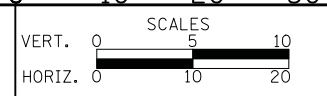
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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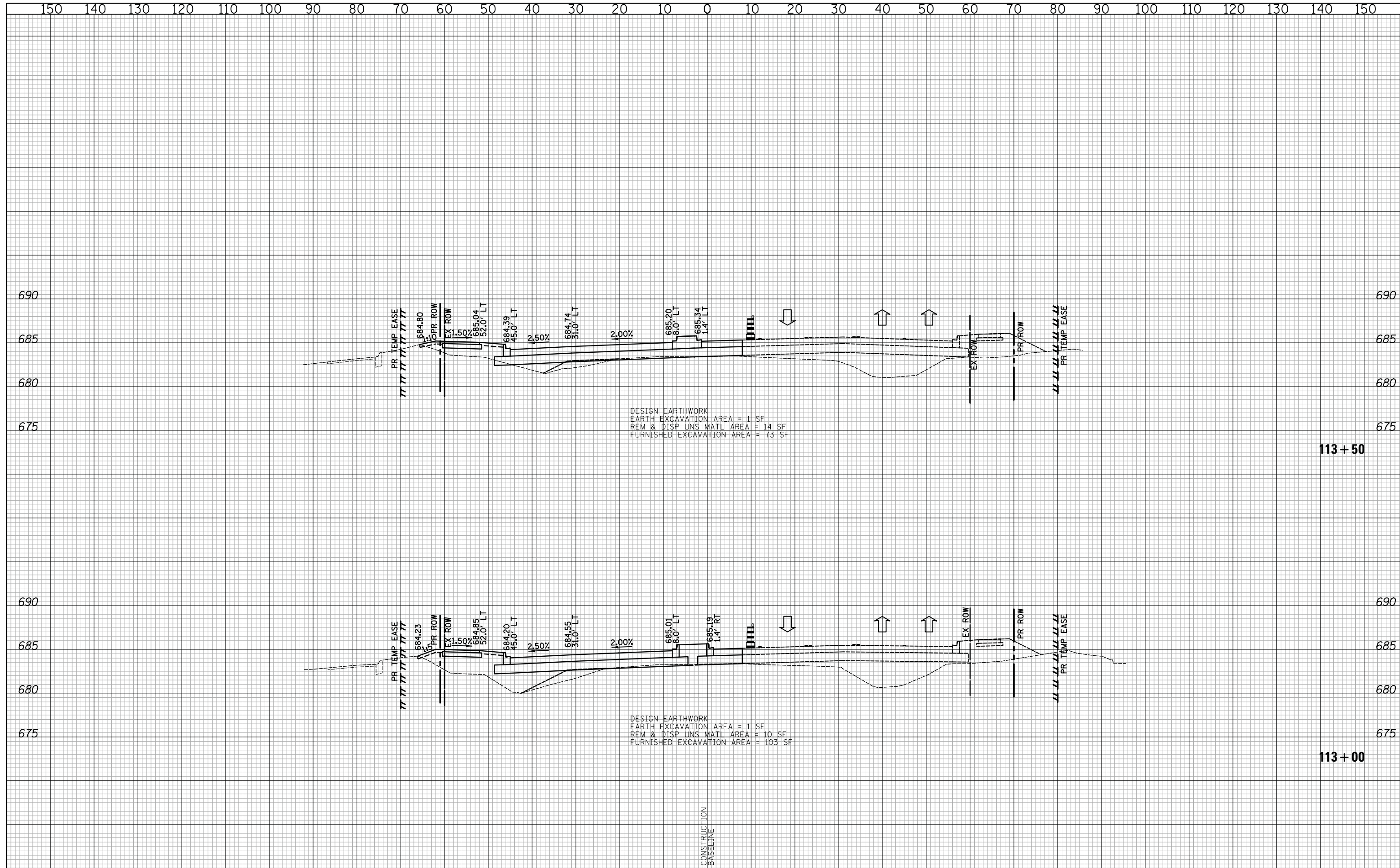
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 32 OF 36 SHEETS STA. 112+00 TO STA. 112+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	458
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

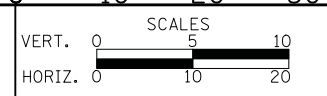
DATE	
BY	
NO.	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	TEMPLATE
	AREAS CHECKED



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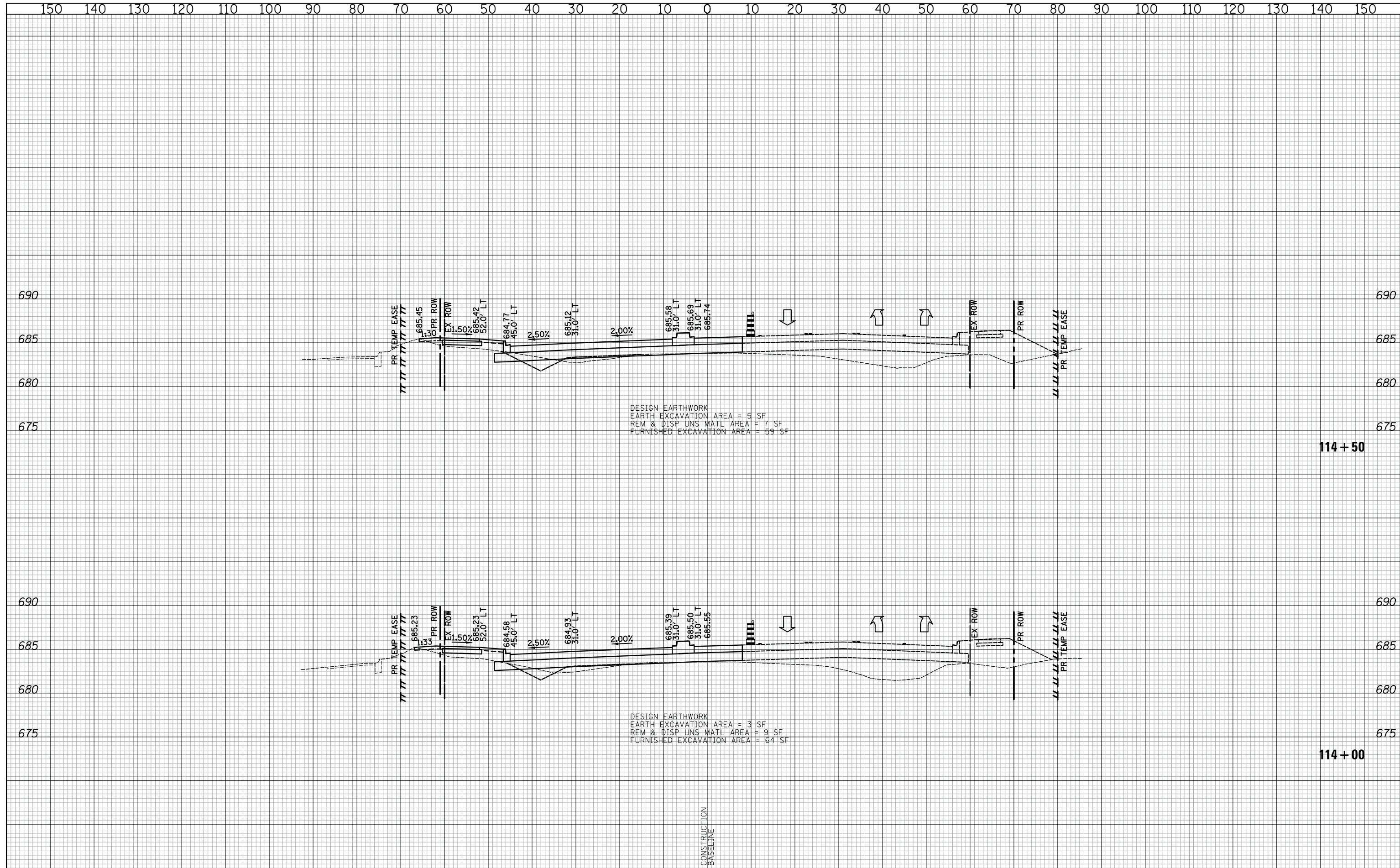
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 33 OF 36 SHEETS STA. 113+00 TO STA. 113+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	459
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

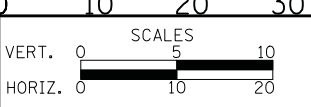
DATE	
BY	
NO.	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	TEMPLATE
	AREAS CHECKED



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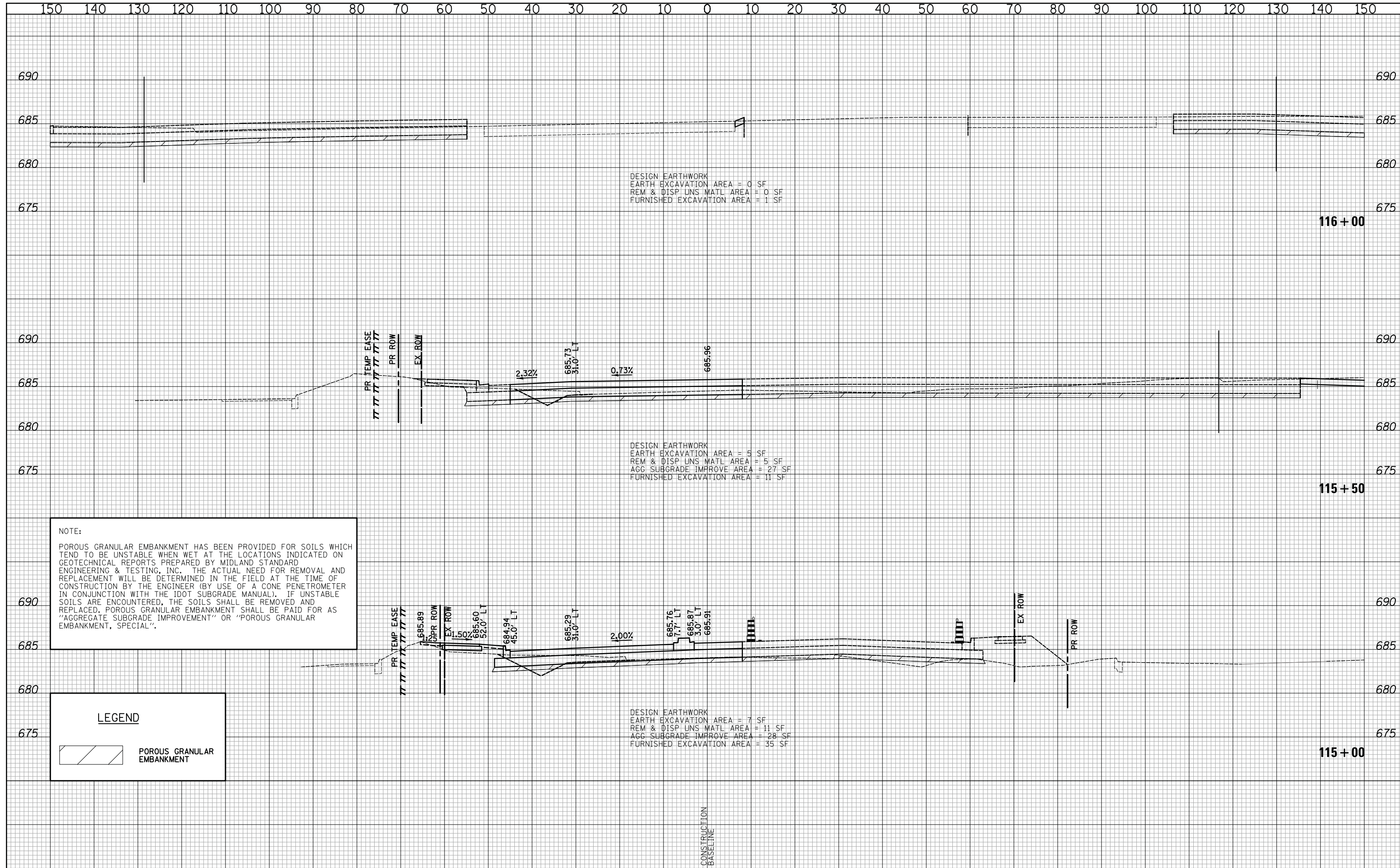
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 34 OF 36 SHEETS STA. 114+00 TO STA. 114+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	460
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61F25

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

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



NOTE:
 POROUS GRANULAR EMBANKMENT HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET AT THE LOCATIONS INDICATED ON GEOTECHNICAL REPORTS PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED. POROUS GRANULAR EMBANKMENT SHALL BE PAID FOR AS "AGGREGATE SUBGRADE IMPROVEMENT" OR "POROUS GRANULAR EMBANKMENT, SPECIAL".

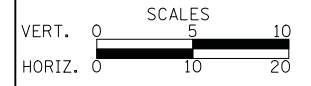
LEGEND

POROUS GRANULAR EMBANKMENT

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CROSS SECTIONS STAGE II - WEILAND ROAD

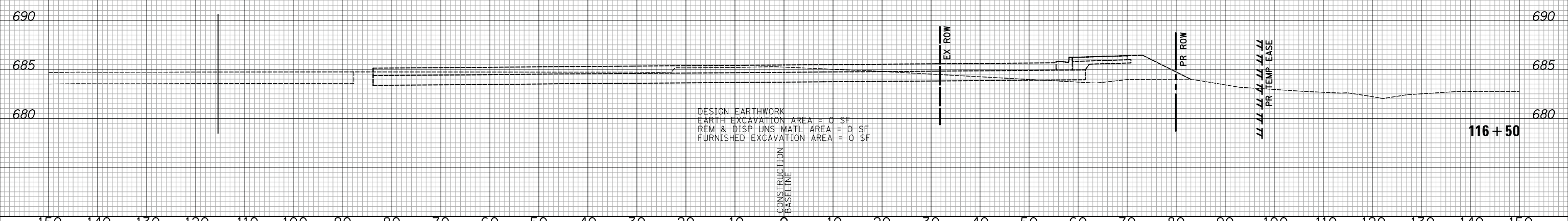
SHEET NO. 35 OF 36 SHEETS STA. 115+00 TO STA. 116+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	461
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61F25

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

DATE	
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SURVEYED PLOTTED AREAS CHECKED	
TEMPLATES AREAS CHECKED	

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



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

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**STATE OF ILLINOIS
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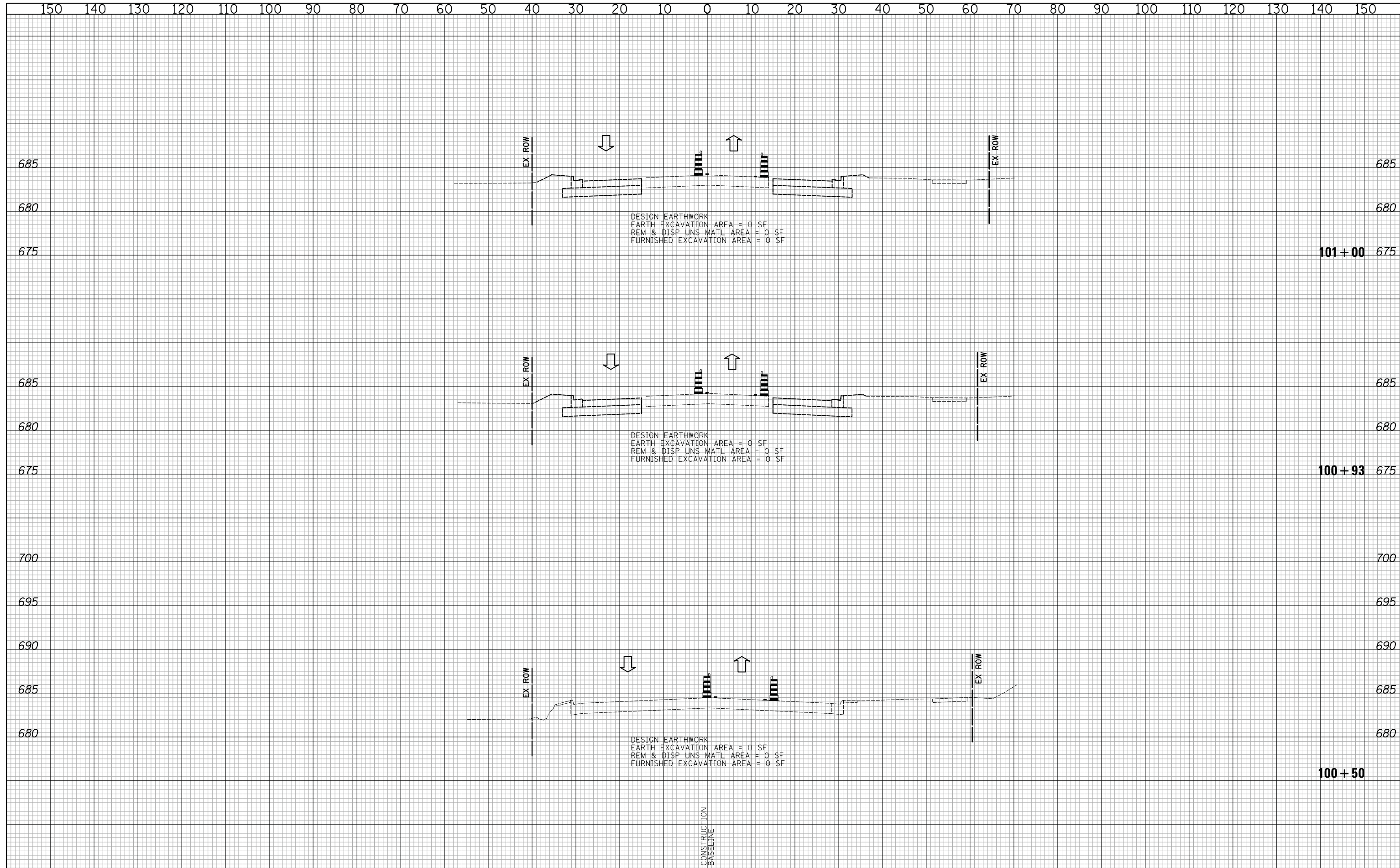
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 36 OF 36 SHEETS STA. 116+50 TO STA. 118+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	462
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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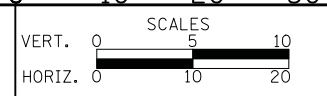
DATE	
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PLOTTED	
TEMPLATE	
AREAS	
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DATE - 6/10/2019	REVISED -

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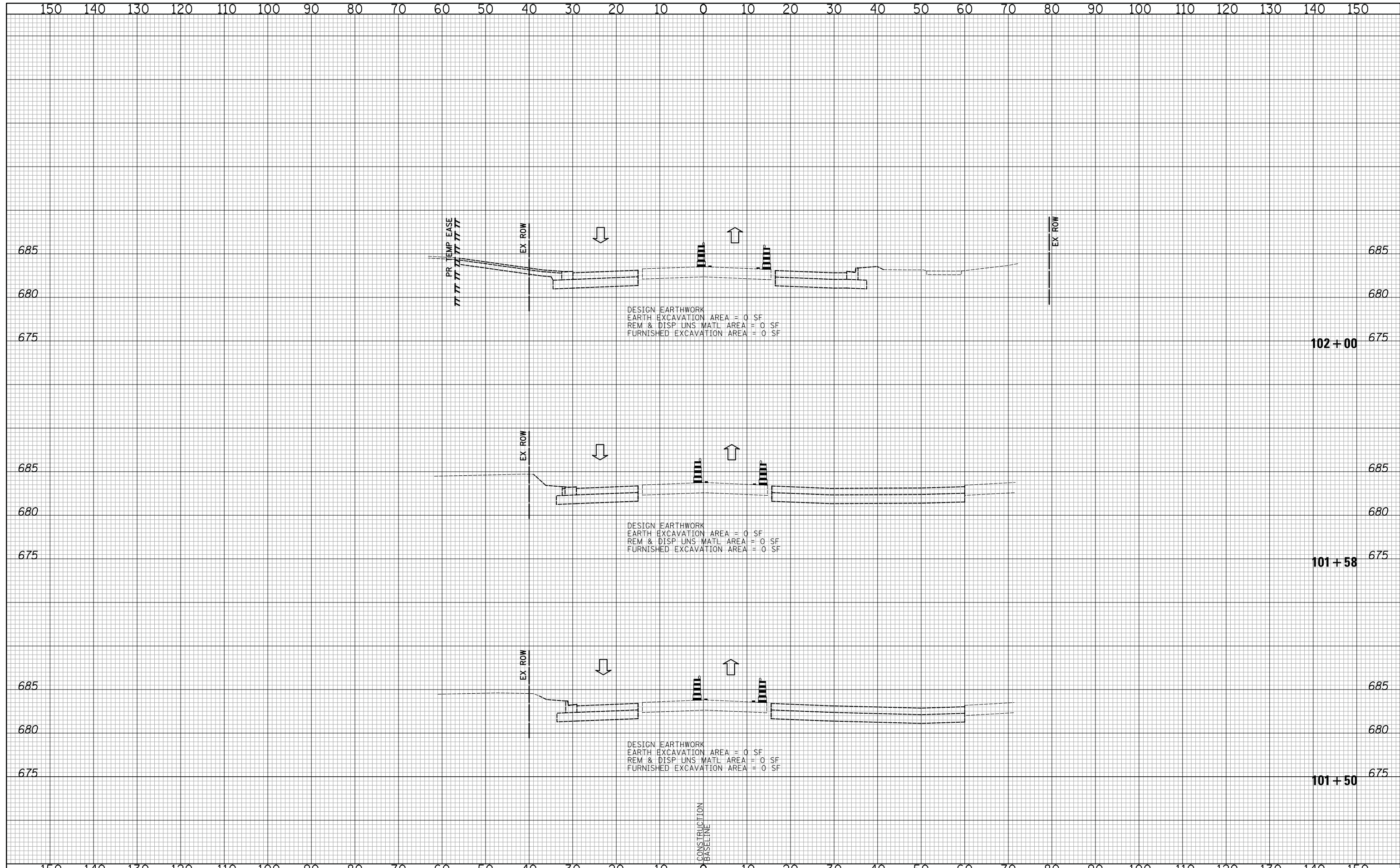
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 1 OF 22 SHEETS STA. 100+50 TO STA. 101+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	463
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS	
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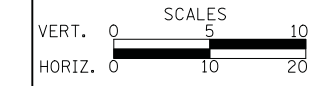
DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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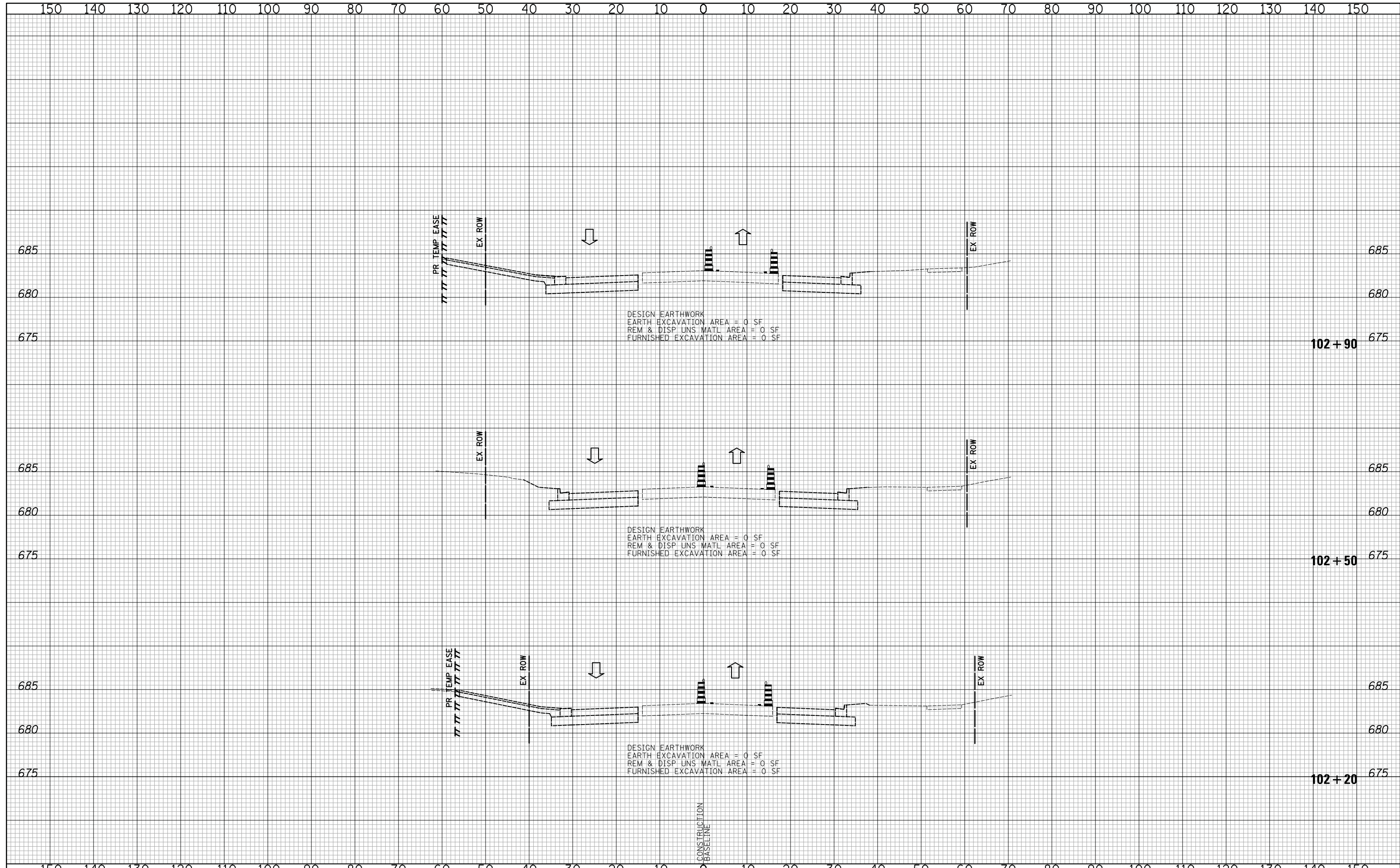
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 2 OF 22 SHEETS STA. 101+50 TO STA. 102+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	464
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS	
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FINAL SURVEY	
NOTE BOOK	
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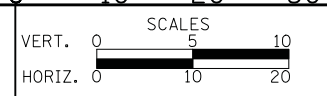
DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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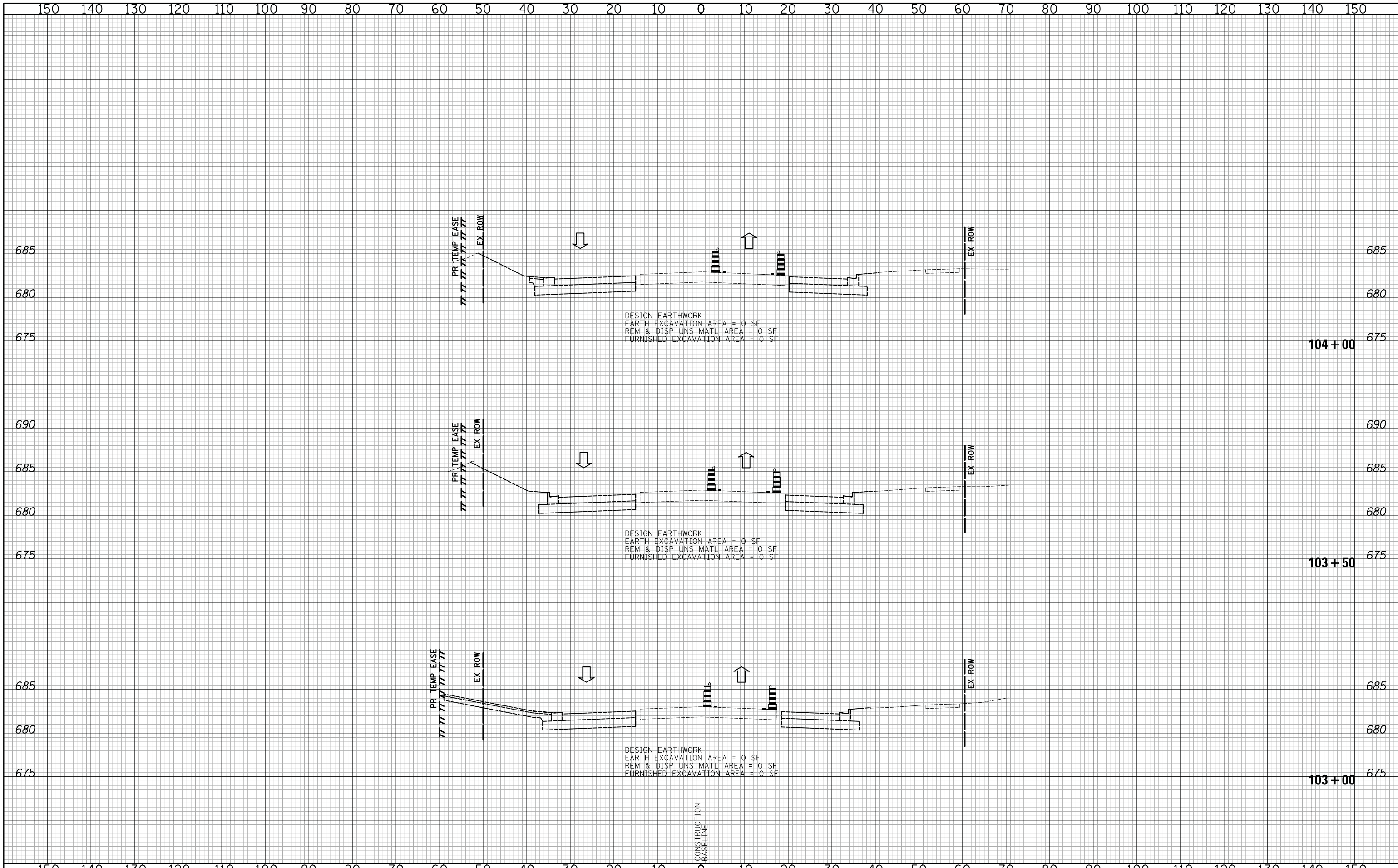
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 3 OF 22 SHEETS STA. 102+20 TO STA. 102+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	465
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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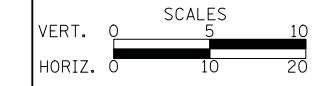
DATE	
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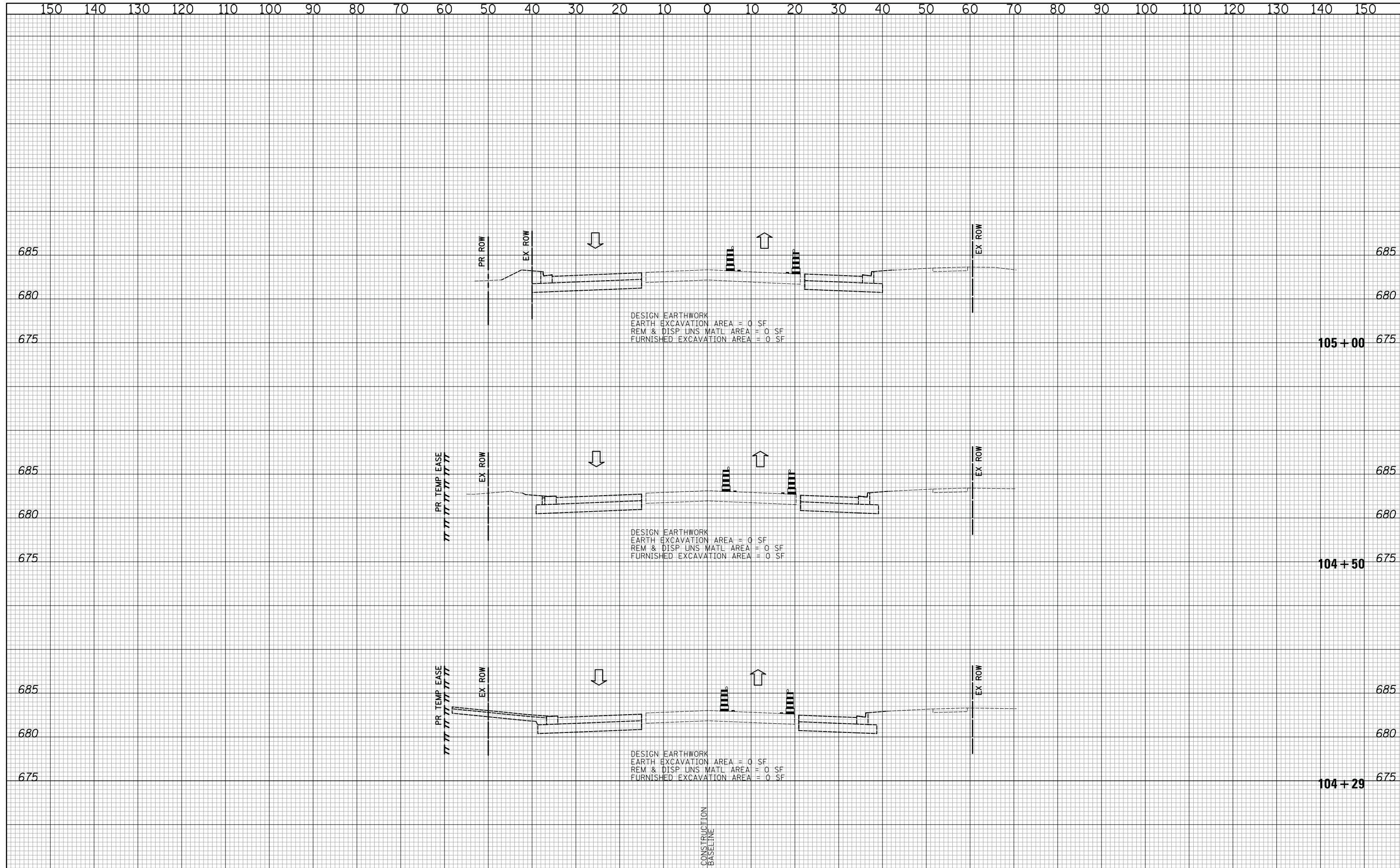
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 4 OF 22 SHEETS STA. 103+00 TO STA. 104+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	466
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
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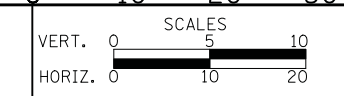
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DATE - 6/10/2019	REVISED -

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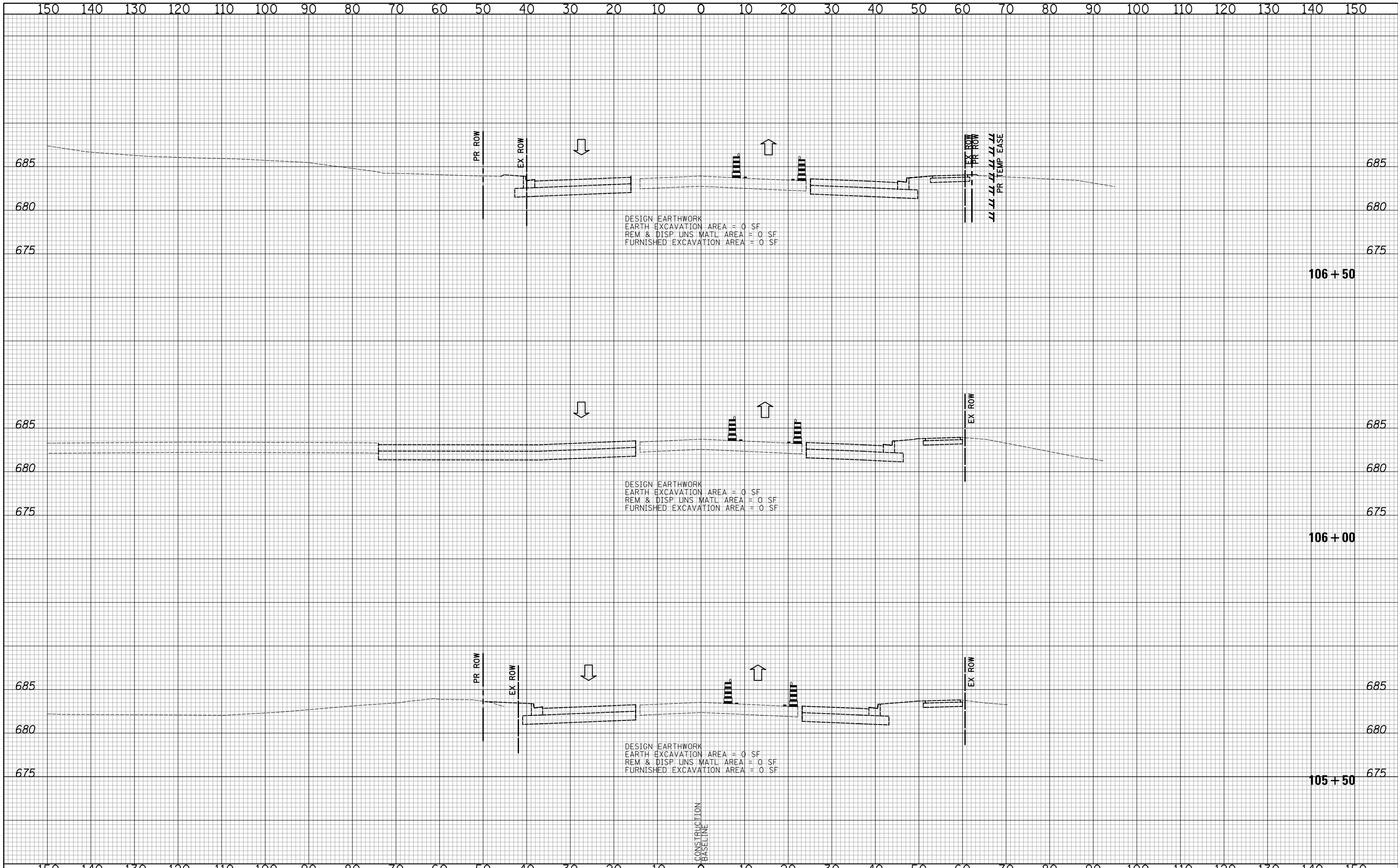
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 5 OF 22 SHEETS STA. 104+29 TO STA. 105+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	467
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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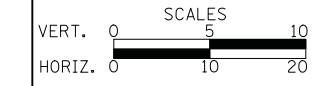
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ORIGINAL SURVEY	
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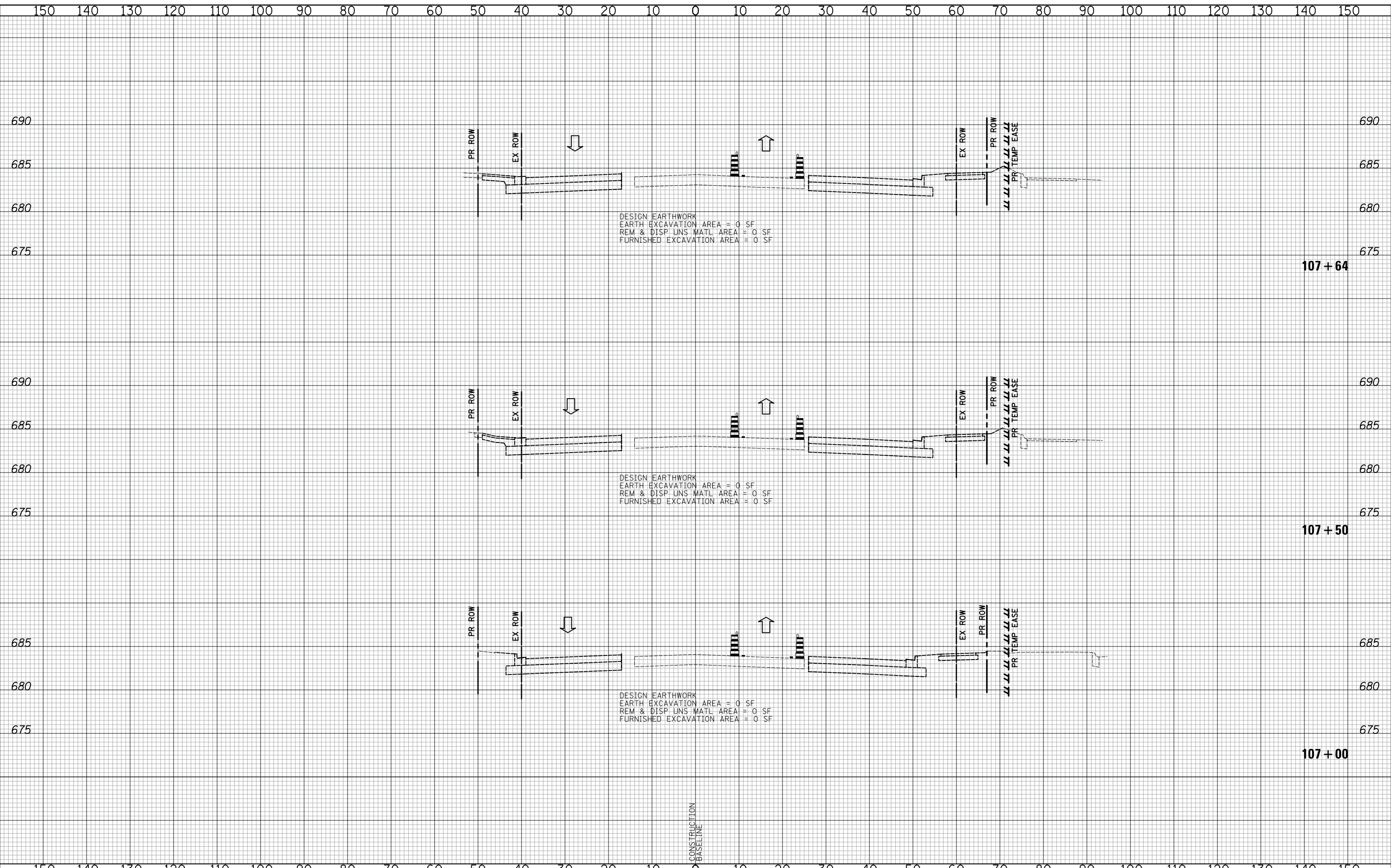
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CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 6 OF 22 SHEETS STA. 105+50 TO STA. 106+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	468
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

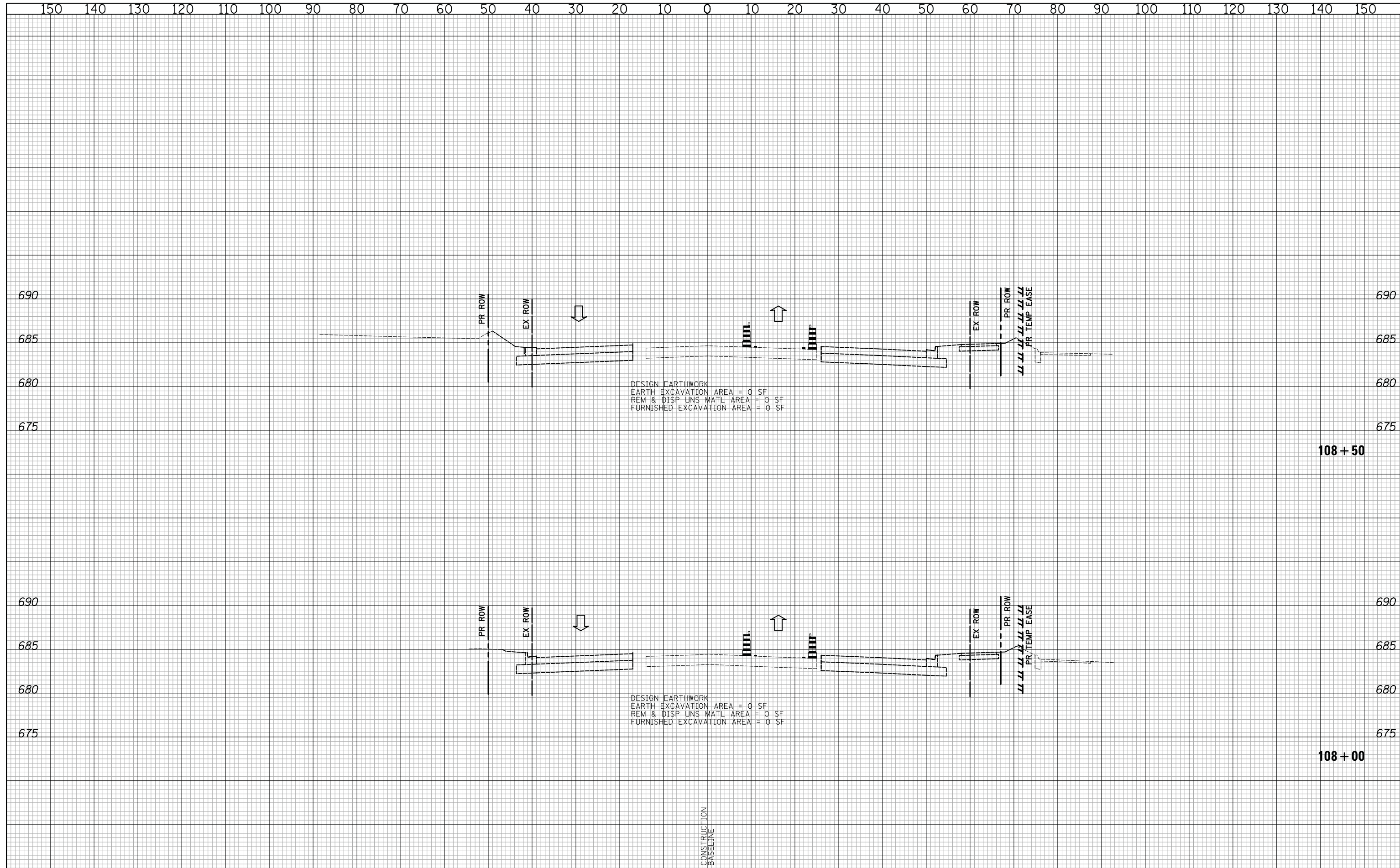


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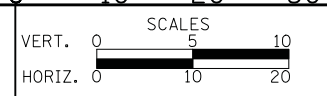
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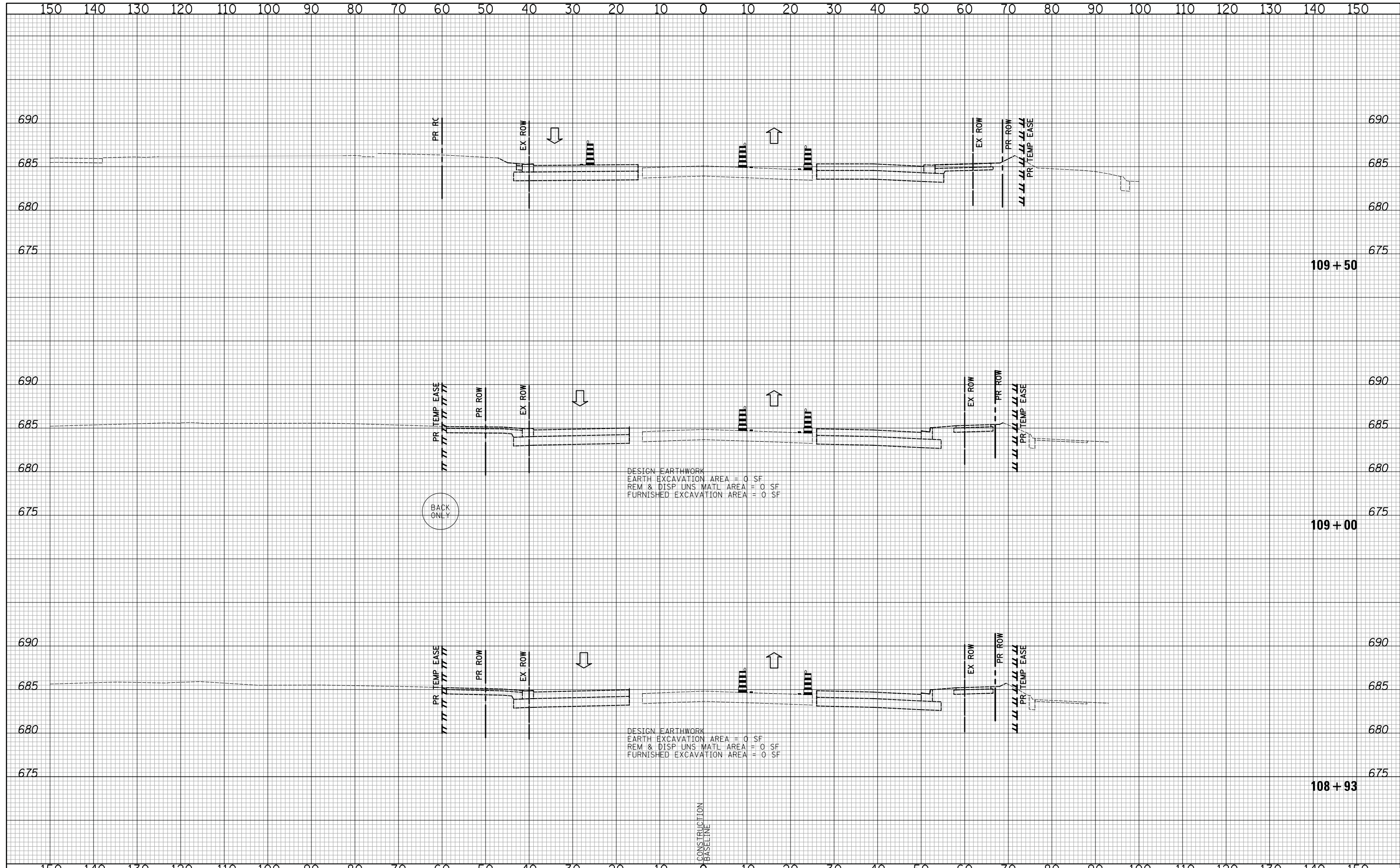
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 8 OF 22 SHEETS STA. 108+00 TO STA. 108+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	470
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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NOTE BOOK	
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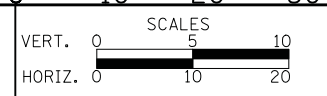
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TEMPLATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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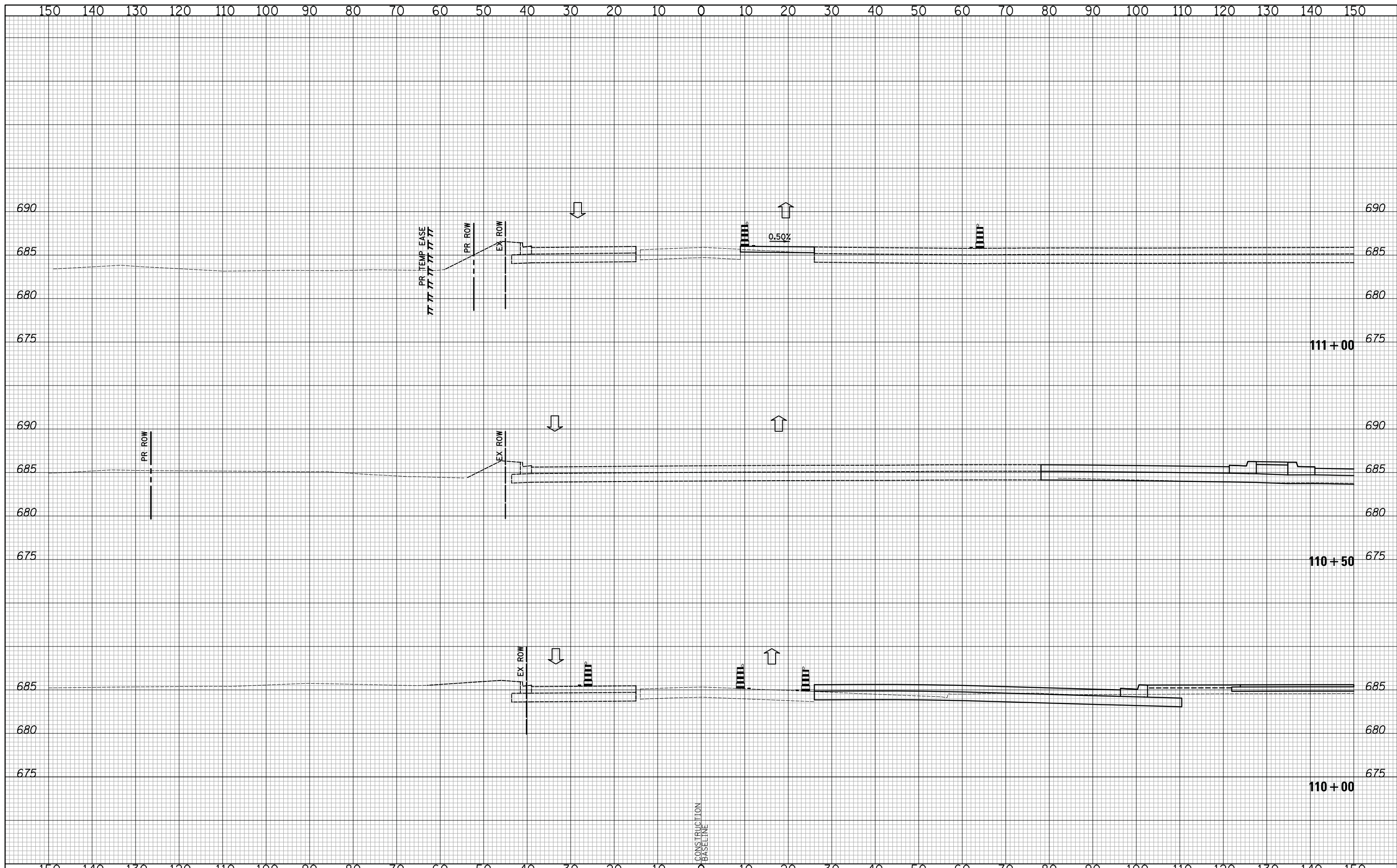
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 9 OF 22 SHEETS STA. 108+93 TO STA. 109+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	471
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

BY	DATE
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BY	DATE
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PLOTTED	
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VERT.	0	5	10
HORIZ.	0	10	20

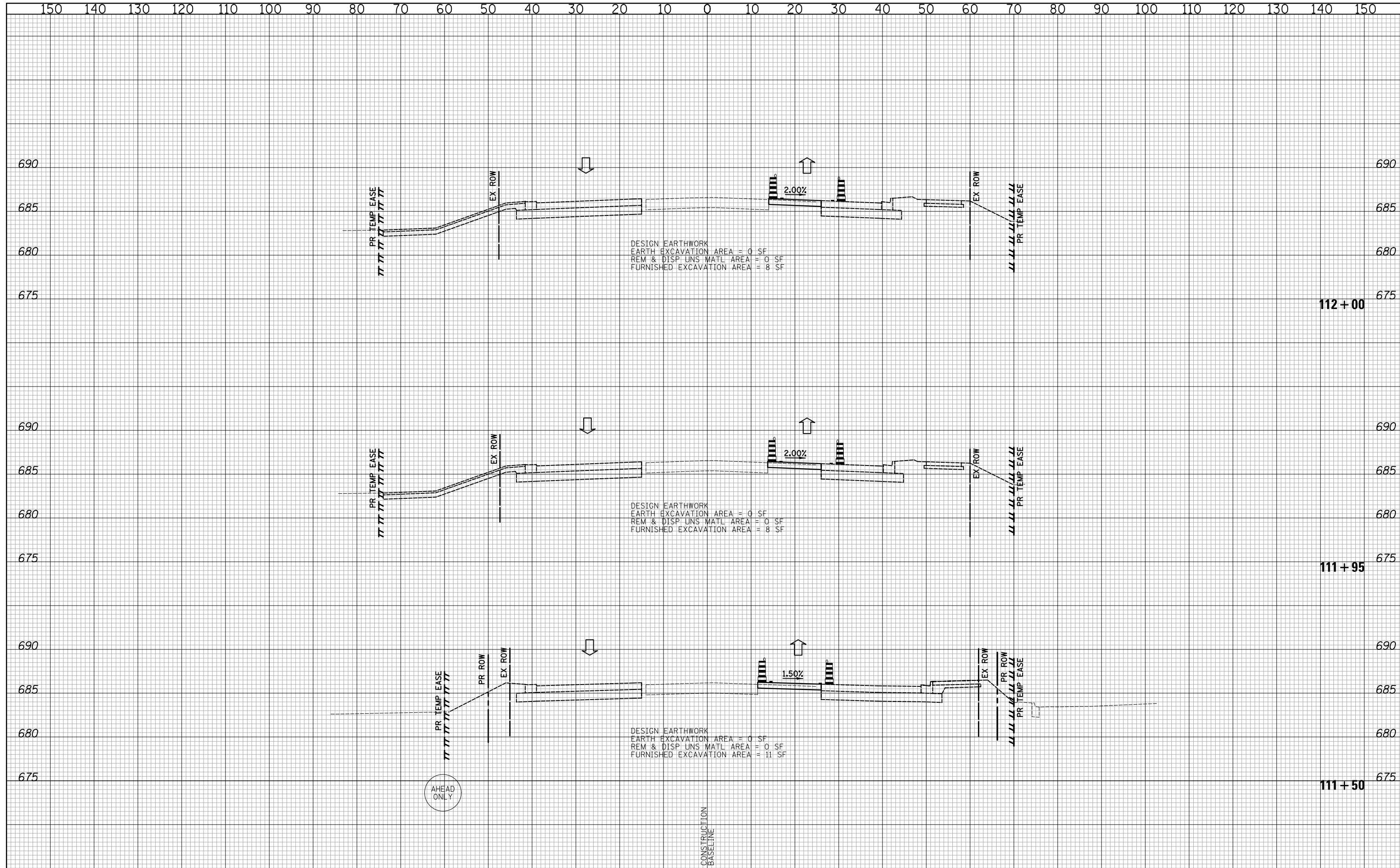
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 10 OF 22 SHEETS STA. 110+00 TO STA. 111+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	472
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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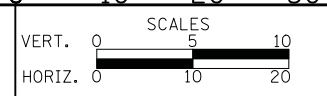
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CROSS SECTIONS STAGE II - APTAKISIC ROAD

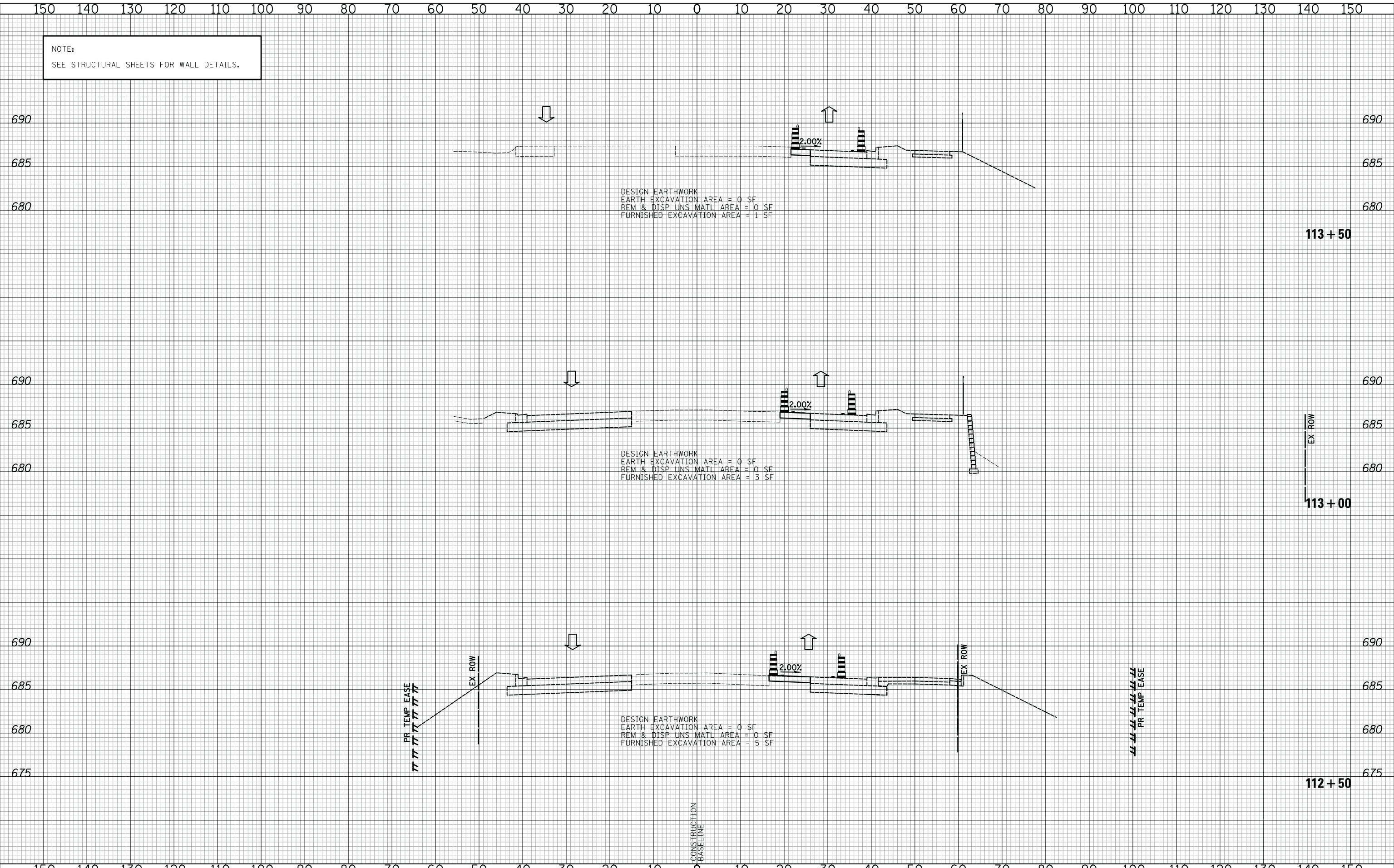
SHEET NO. 11 OF 22 SHEETS STA. 111+50 TO STA. 112+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	473
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61F25

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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



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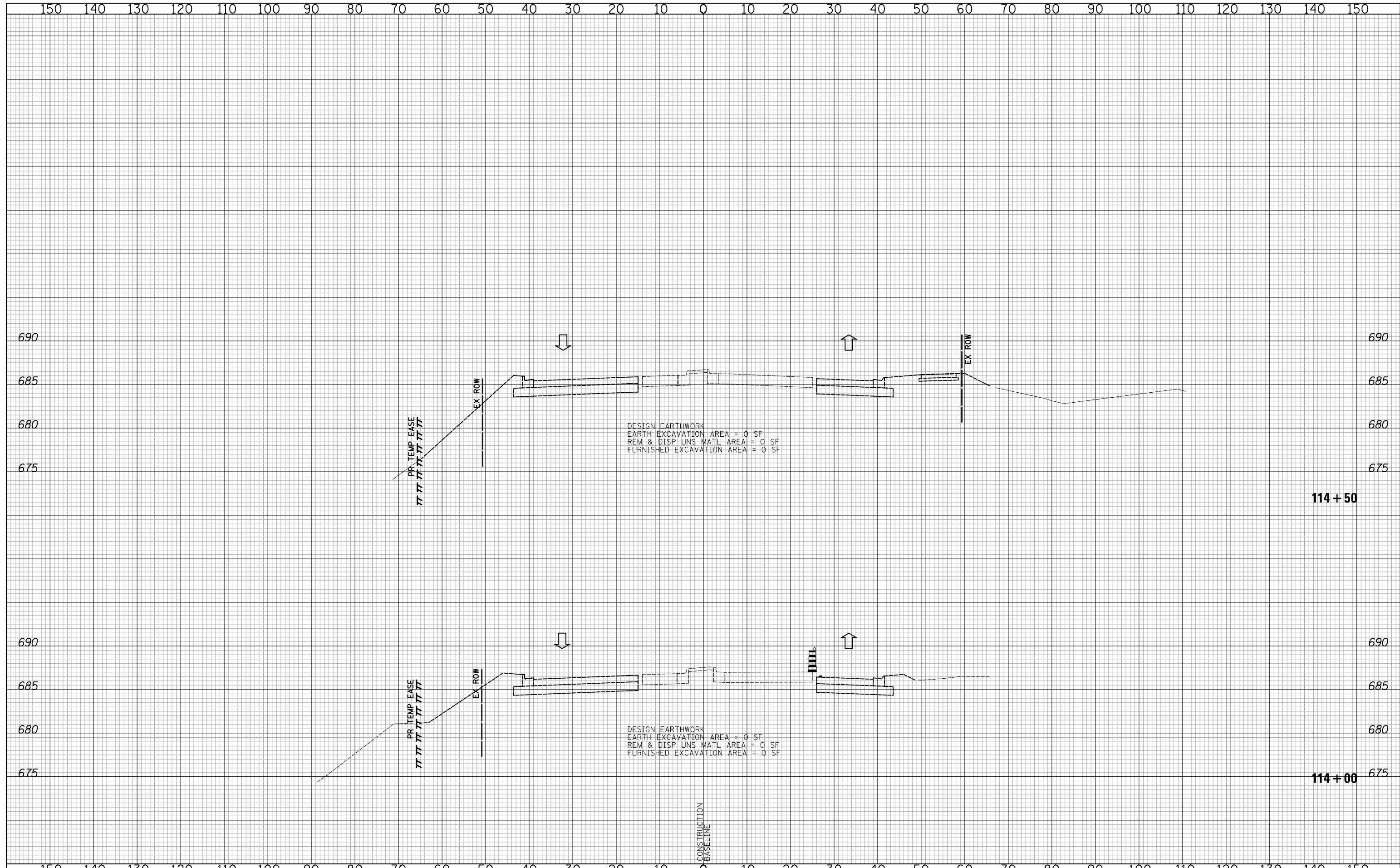
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 12 OF 22 SHEETS STA. 112+50 TO STA. 113+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	474
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
NOTE BOOK	
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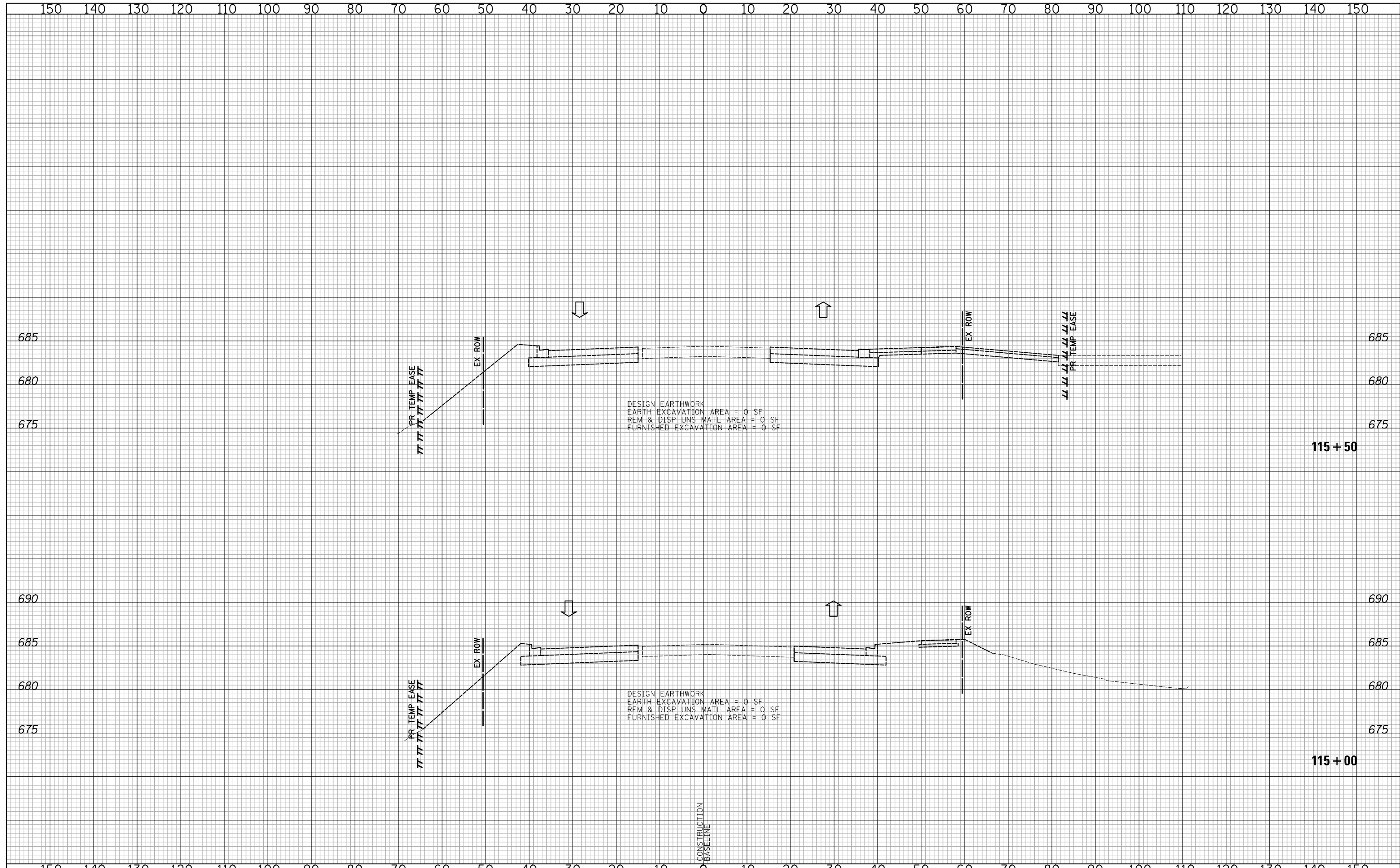
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 13 OF 22 SHEETS STA. 114+00 TO STA. 114+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	475
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
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	AREAS CHECKED	

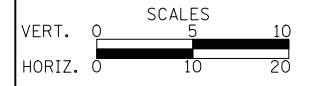
ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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CROSS SECTIONS STAGE II - APTAKISIC ROAD

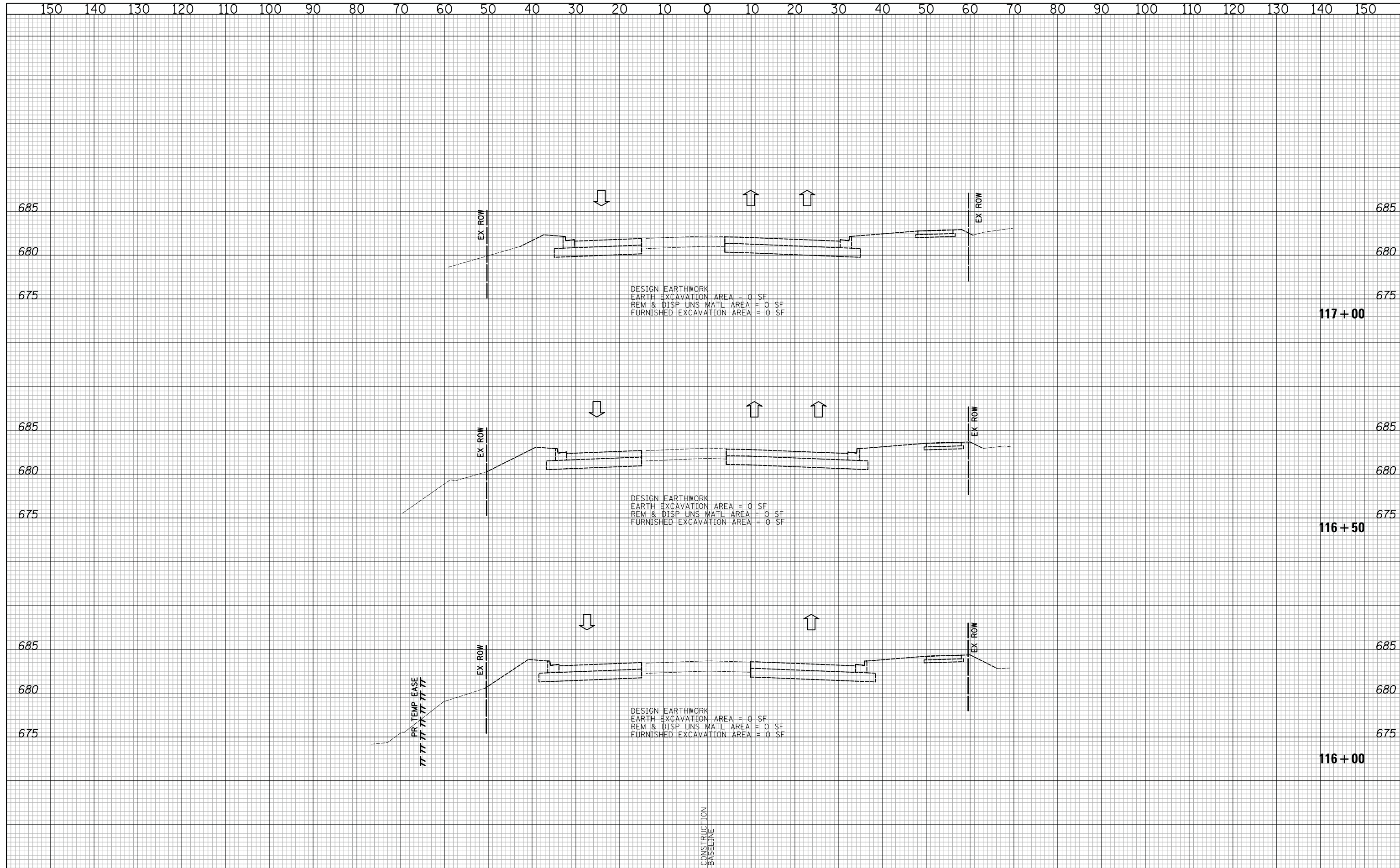
SHEET NO. 14 OF 22 SHEETS STA. 115+00 TO STA. 115+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	476
				CONTRACT NO. 61F25

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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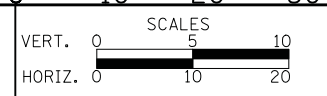
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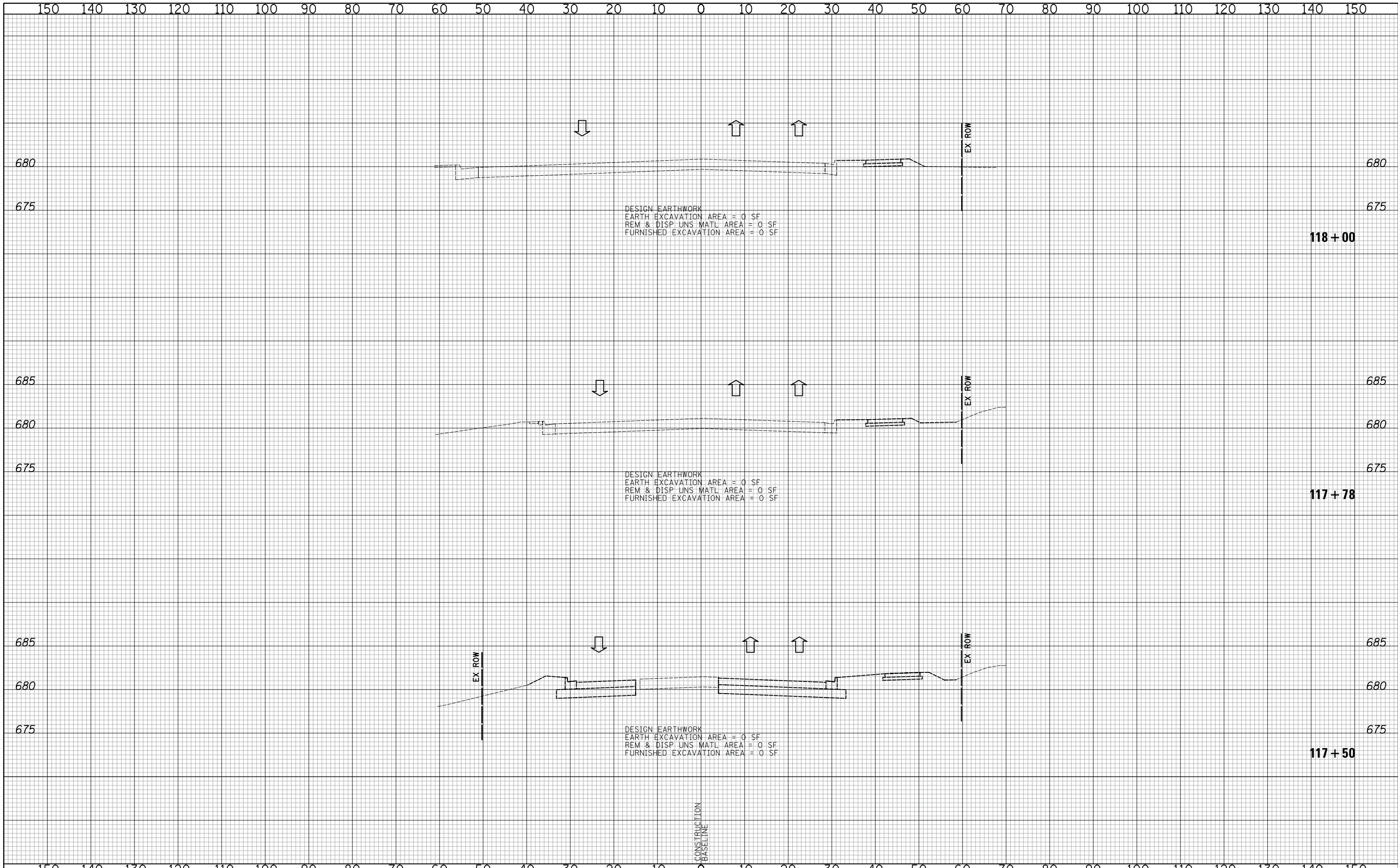
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 15 OF 22 SHEETS STA. 116+00 TO STA. 117+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	477
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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ORIGINAL SURVEY	
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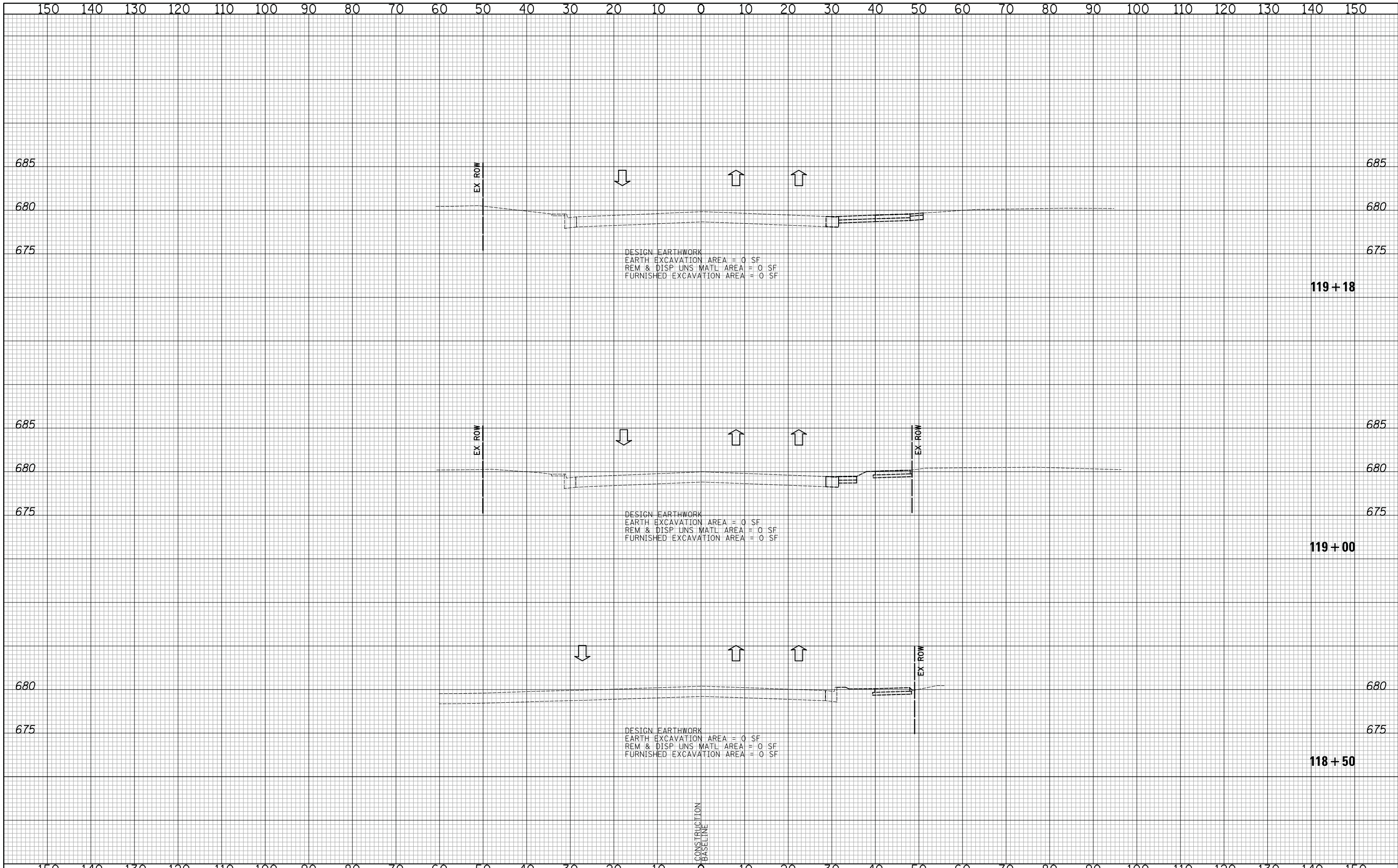
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 16 OF 22 SHEETS STA. 117+50 TO STA. 118+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	478
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
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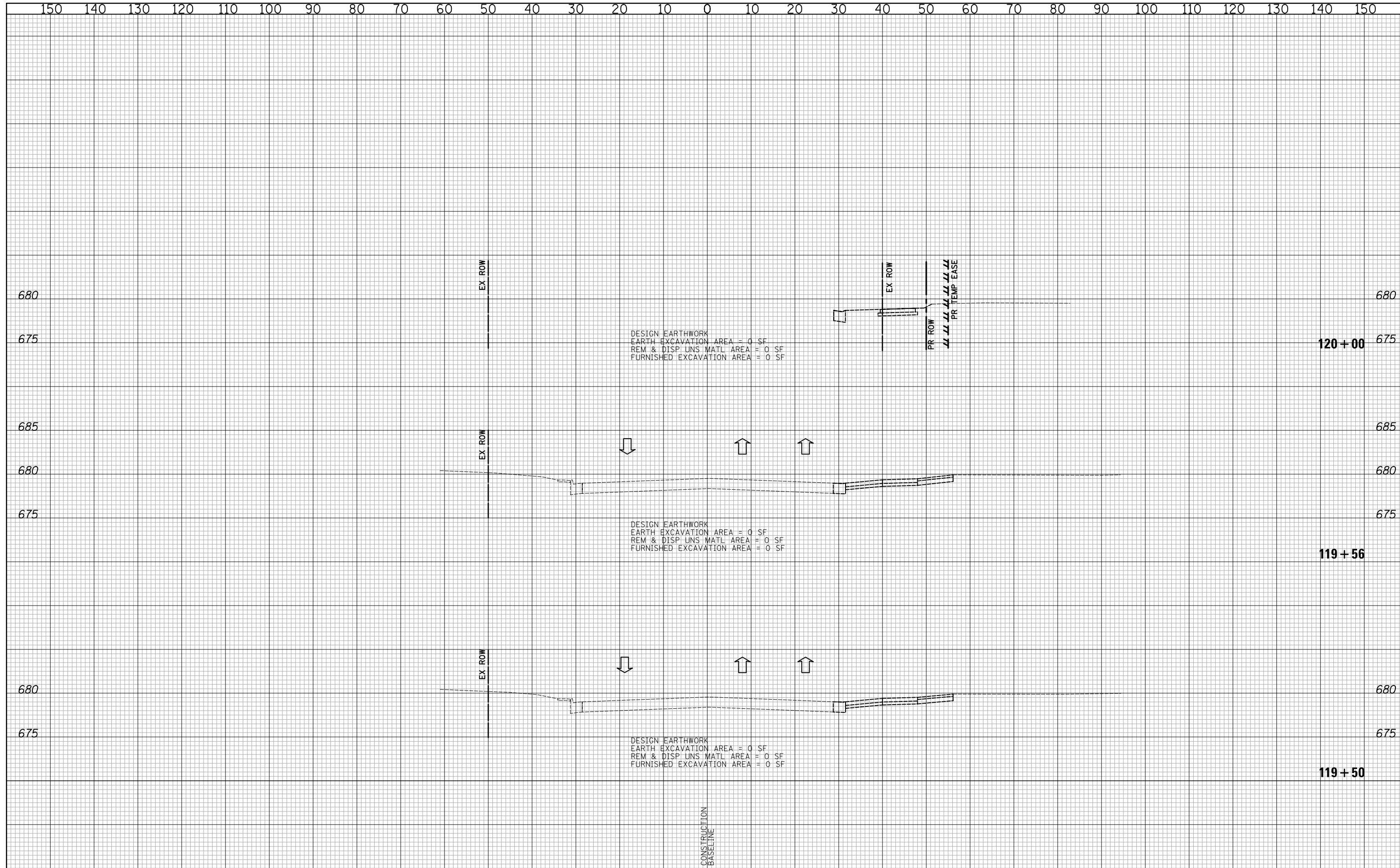
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 17 OF 22 SHEETS STA. 118+50 TO STA. 119+18

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	479
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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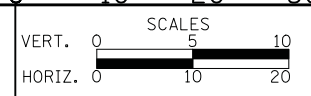
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CROSS SECTIONS STAGE II - APTAKISIC ROAD

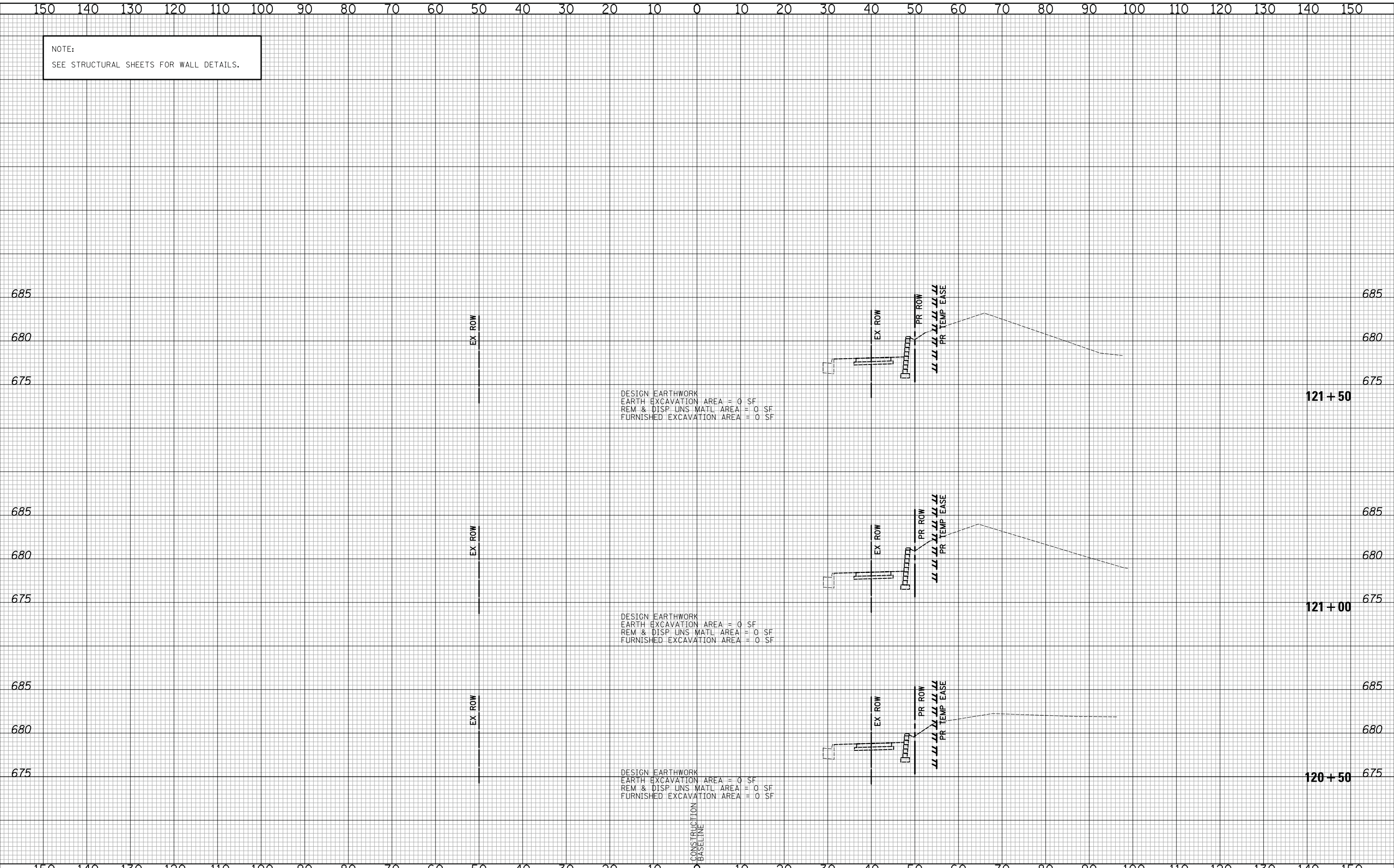
SHEET NO. 18 OF 22 SHEETS STA. 119+50 TO STA. 120+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	480
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	BY	SURVEYED	PLOTTED	AREAS CHECKED
		NO.		

DATE	BY	SURVEYED	PLOTTED	AREAS CHECKED
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CROSS SECTIONS STAGE II - APTAKISIC ROAD

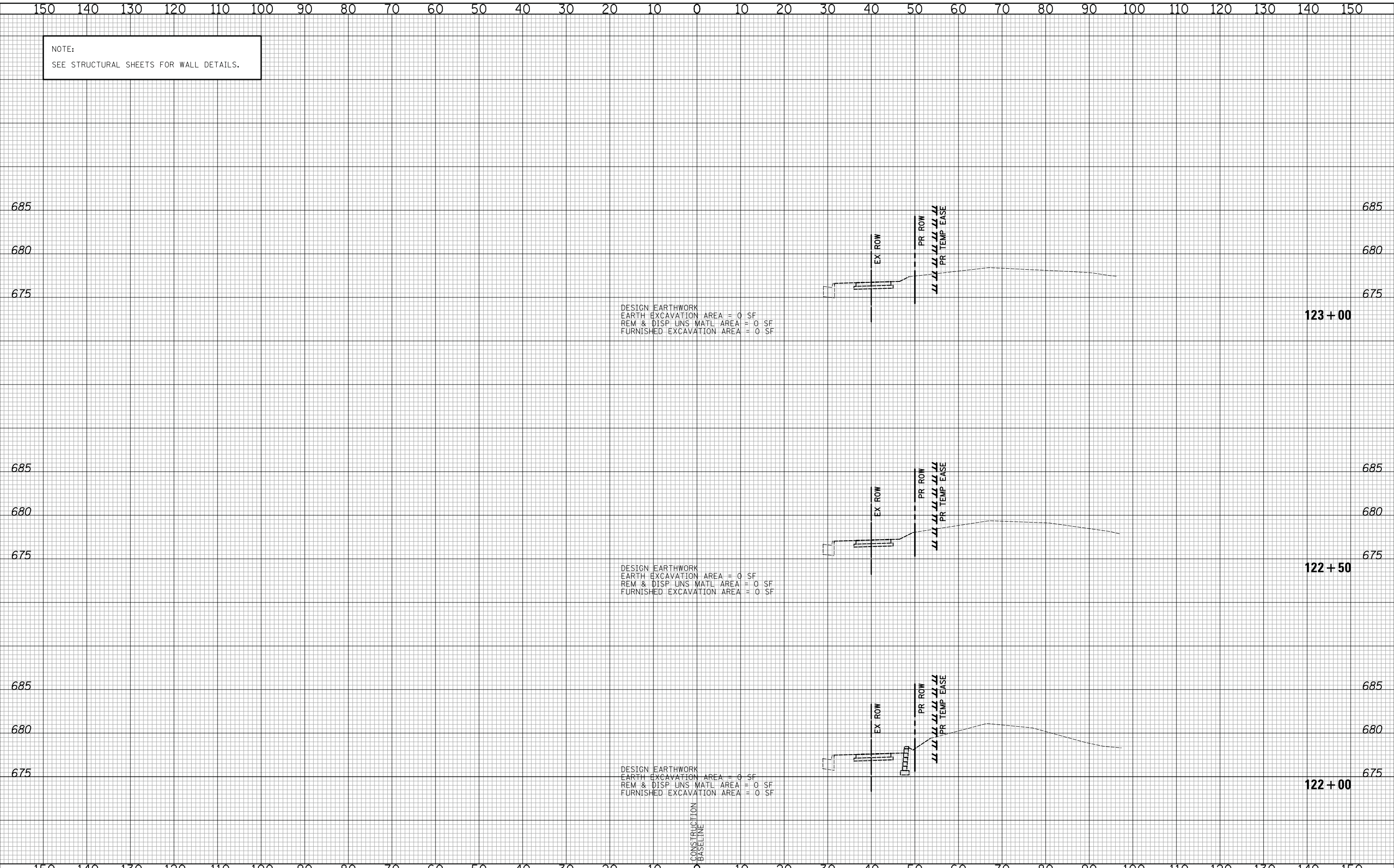
SHEET NO. 19 OF 22 SHEETS STA. 120+50 TO STA. 121+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	481
CONTRACT NO. 61F25				
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	
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FINAL	
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NOTE BOOK	
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DATE	
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AREAS	
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ORIGINAL	
SURVEY	
NOTE BOOK	
NO.	



DESIGN EARTHWORK
EARTH EXCAVATION AREA = 0 SF
REM & DISP UNS MATL AREA = 0 SF
FURNISHED EXCAVATION AREA = 0 SF

DESIGN EARTHWORK
EARTH EXCAVATION AREA = 0 SF
REM & DISP UNS MATL AREA = 0 SF
FURNISHED EXCAVATION AREA = 0 SF

DESIGN EARTHWORK
EARTH EXCAVATION AREA = 0 SF
REM & DISP UNS MATL AREA = 0 SF
FURNISHED EXCAVATION AREA = 0 SF

123+00

122+50

122+00

CONSTRUCTION
BASELINE



CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 20 OF 22 SHEETS STA. 122+00 TO STA. 123+00

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	482
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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680

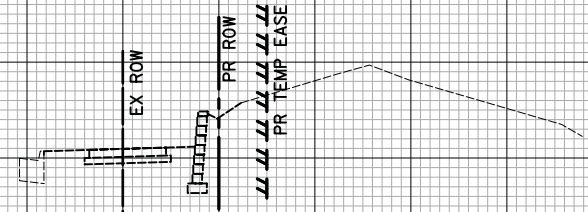
675

680

675

124 + 50

DESIGN EARTHWORK
EARTH EXCAVATION AREA = 0 SF
REM & DISP UNS MATL AREA = 0 SF
FURNISHED EXCAVATION AREA = 0 SF



680

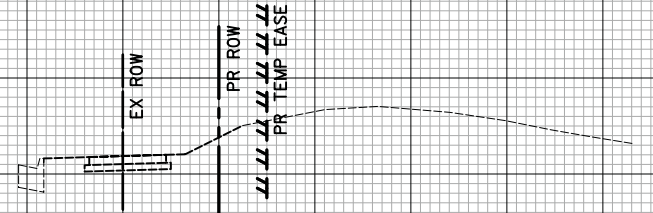
675

680

675

124 + 00

DESIGN EARTHWORK
EARTH EXCAVATION AREA = 0 SF
REM & DISP UNS MATL AREA = 0 SF
FURNISHED EXCAVATION AREA = 0 SF



680

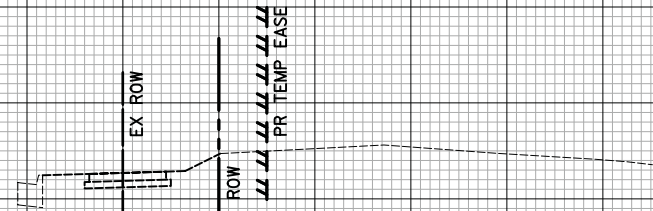
675

680

675

123 + 50

DESIGN EARTHWORK
EARTH EXCAVATION AREA = 0 SF
REM & DISP UNS MATL AREA = 0 SF
FURNISHED EXCAVATION AREA = 0 SF



CONSTRUCTION
BASELINE

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



DESIGNED - PK	REVISED -
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CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

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VERT.	0	5	10
HORIZ.	0	10	20

CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 21 OF 22 SHEETS STA. 123+50 TO STA. 124+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	483
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

NOTE:
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DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
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150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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DATE - 6/10/2019	REVISED -

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VERT. 0 5 10
HORIZ. 0 10 20

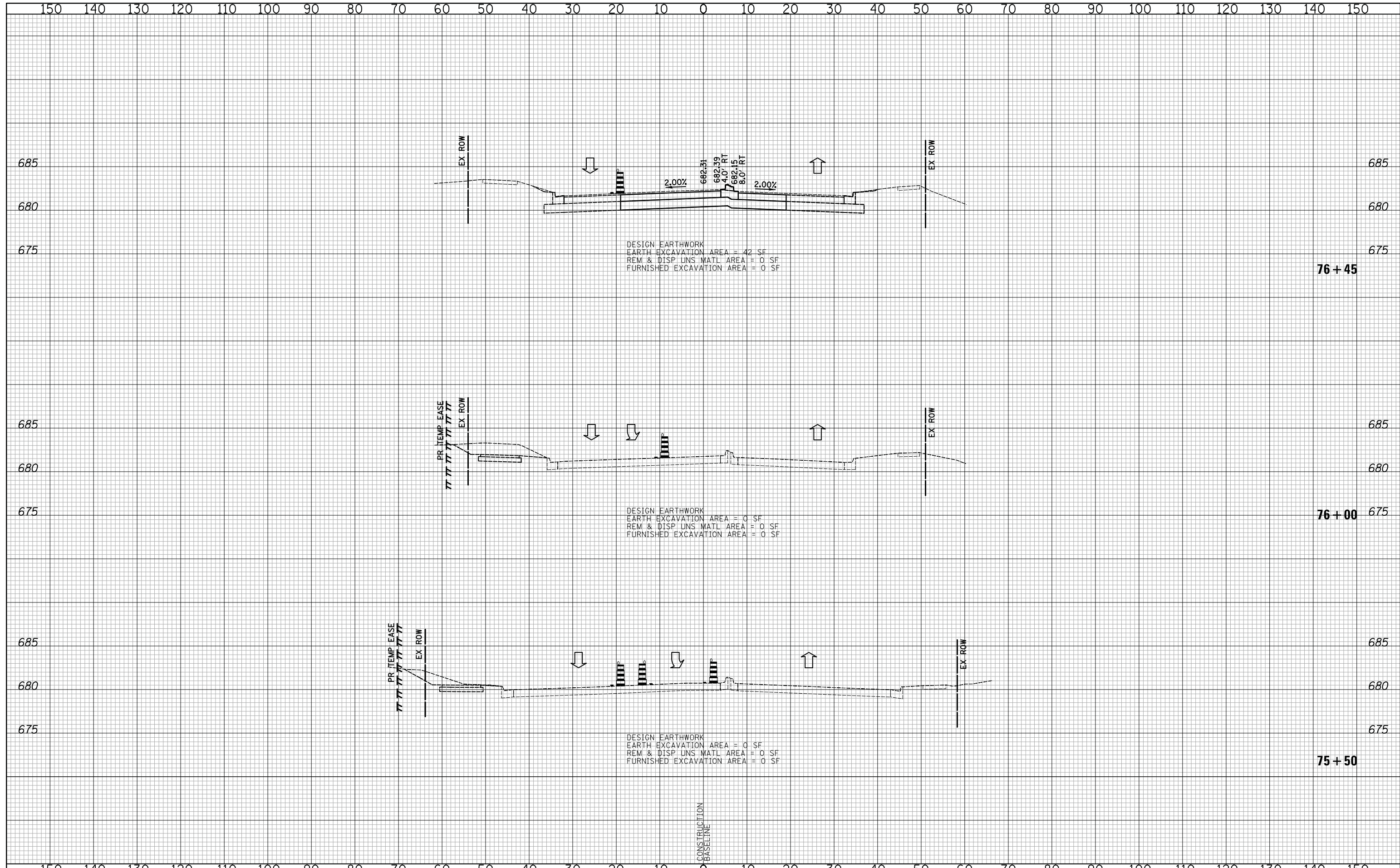
CROSS SECTIONS STAGE II - APTAKISIC ROAD

SHEET NO. 22 OF 22 SHEETS STA. 125+00 TO STA. 126+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	484
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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VERT. 0 5 10
 HORIZ. 0 10 20

SCALES

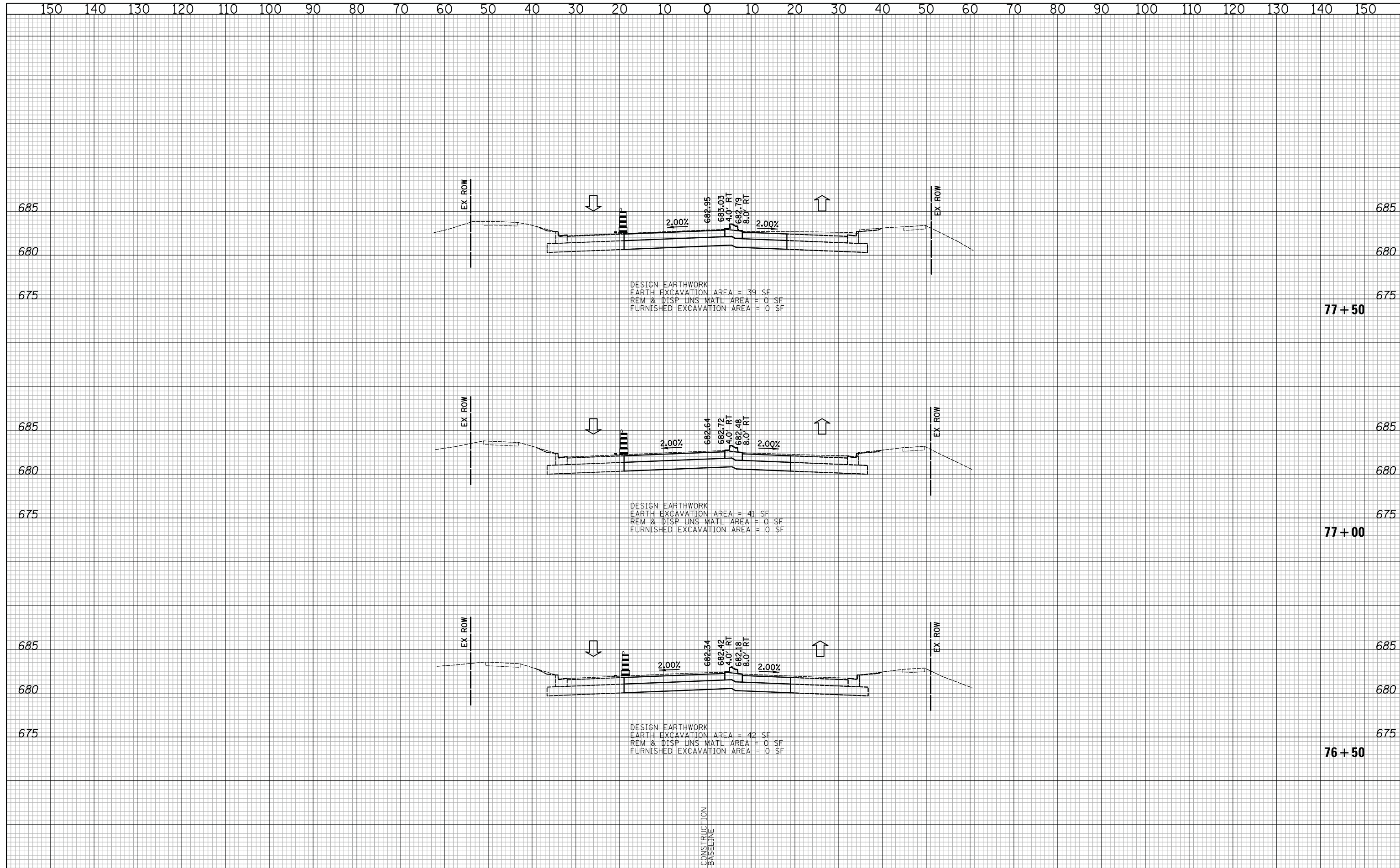
CROSS SECTIONS STAGE IIA - WEILAND ROAD

SHEET NO. 1 OF 7 SHEETS STA. 75+50 TO STA. 76+45

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	485
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

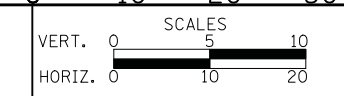
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AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



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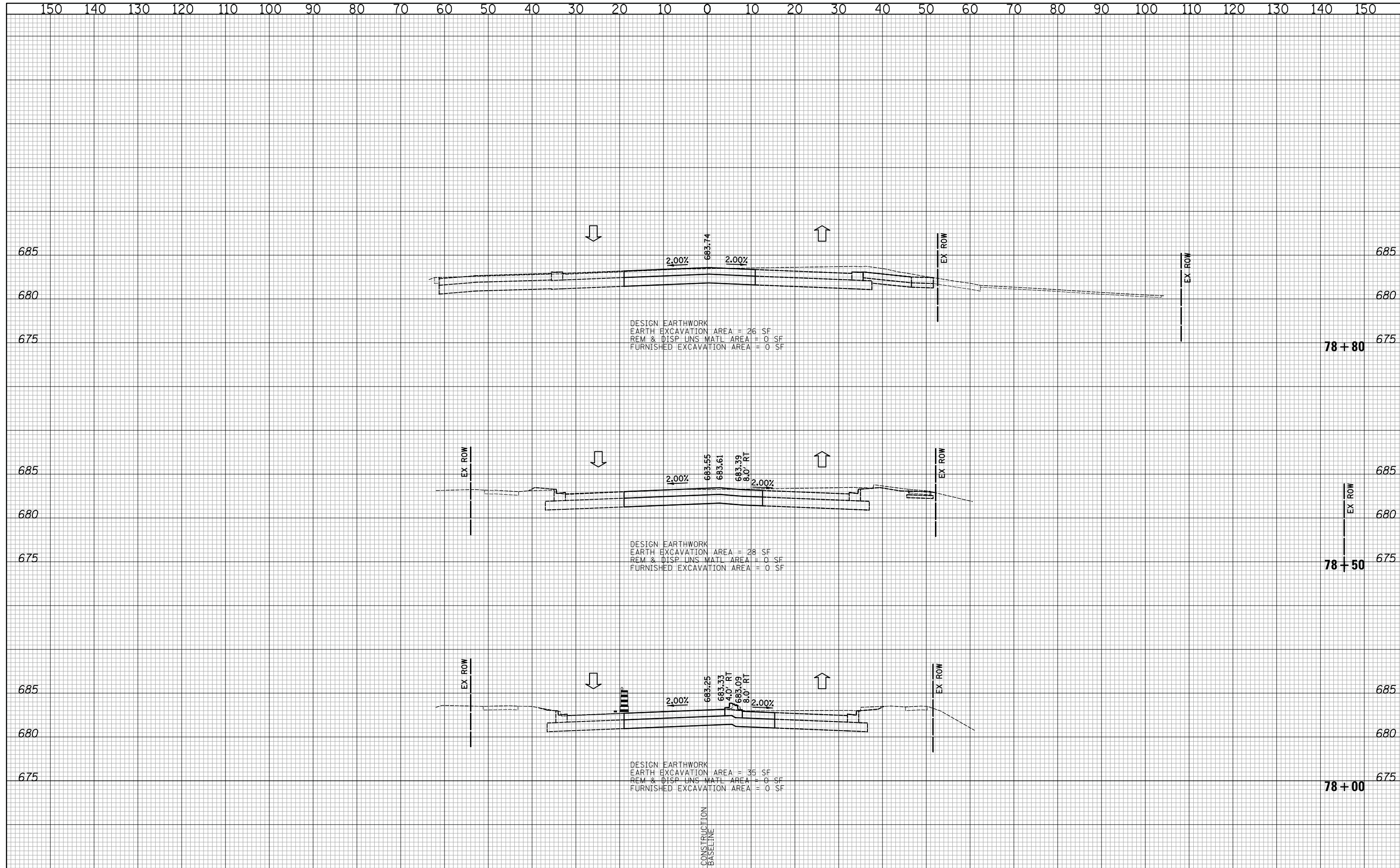
CROSS SECTIONS STAGE IIA - WEILAND ROAD

SHEET NO. 2 OF 11 SHEETS STA. 76+50 TO STA. 77+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	486
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61F25

DATE	
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SURVEYED	
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TEMPLATE	
AREAS	
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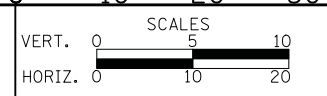
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SURVEYED	
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CROSS SECTIONS STAGE IIA - WEILAND ROAD

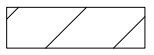
SHEET NO. 3 OF 7 SHEETS STA. 78+00 TO STA. 78+80

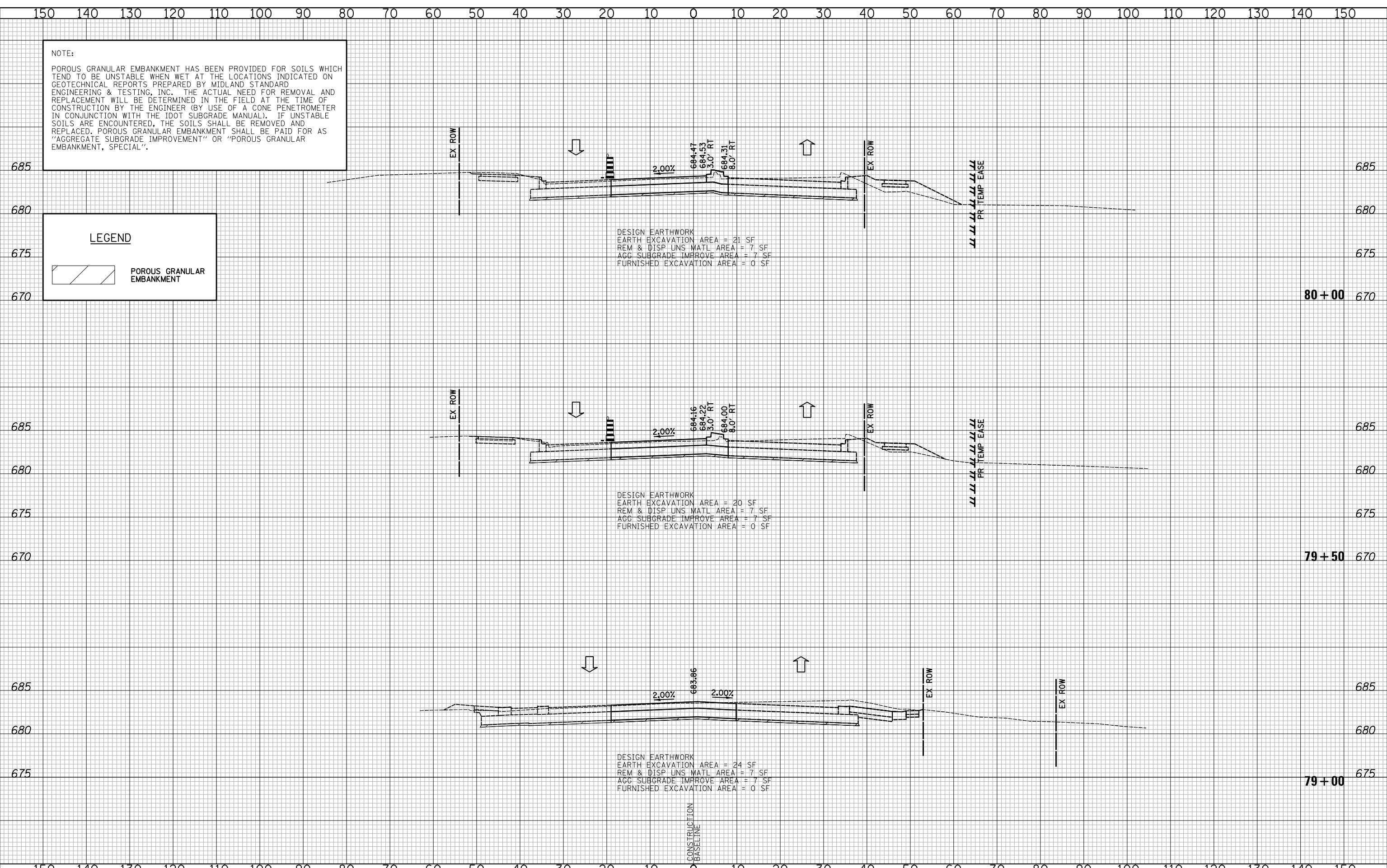
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	487
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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LEGEND
 POROUS GRANULAR EMBANKMENT



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CROSS SECTIONS STAGE IIA - WEILAND ROAD

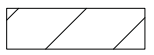
SHEET NO. 4 OF 7 SHEETS STA. 79+00 TO STA. 80+00

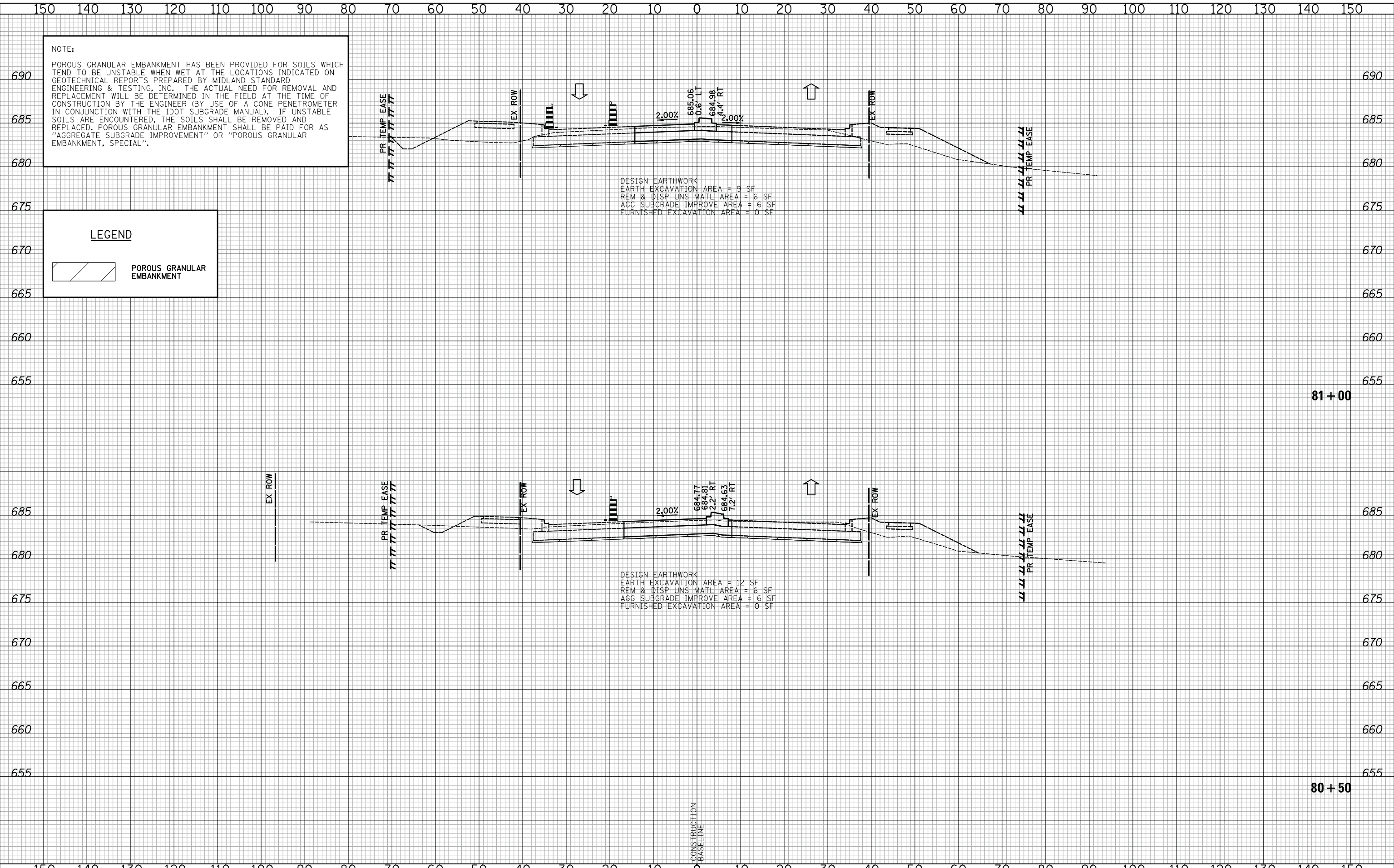
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	488
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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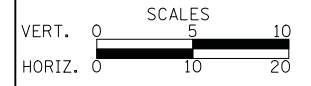
LEGEND
 POROUS GRANULAR EMBANKMENT



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CROSS SECTIONS STAGE IIA - WEILAND ROAD

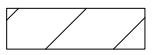
SHEET NO. 5 OF 7 SHEETS STA. 80+50 TO STA. 81+00

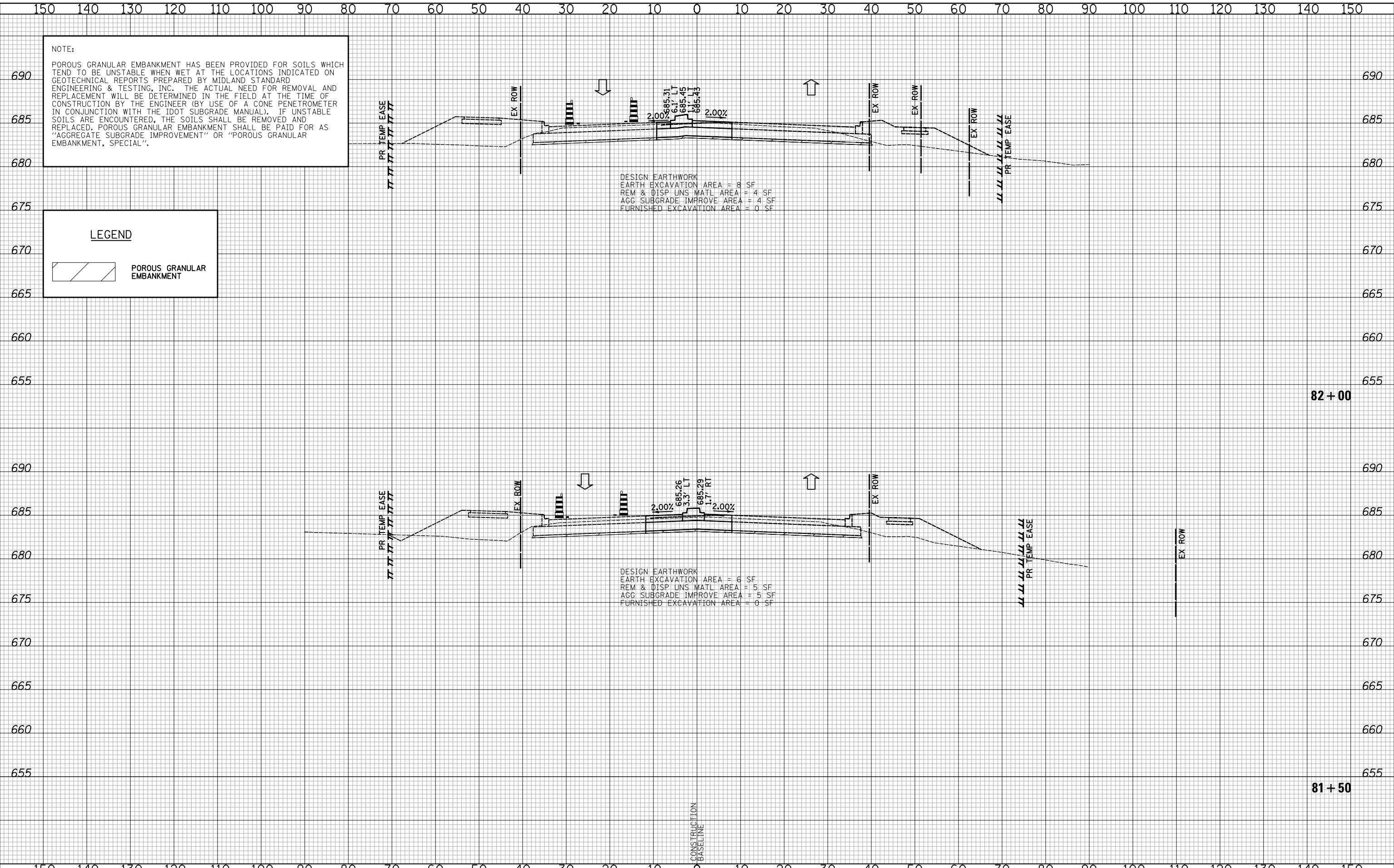
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	489
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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LEGEND
 POROUS GRANULAR EMBANKMENT



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CROSS SECTIONS STAGE IIA - WEILAND ROAD

SHEET NO. 6 OF 7 SHEETS STA. 81+50 TO STA. 82+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	490
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

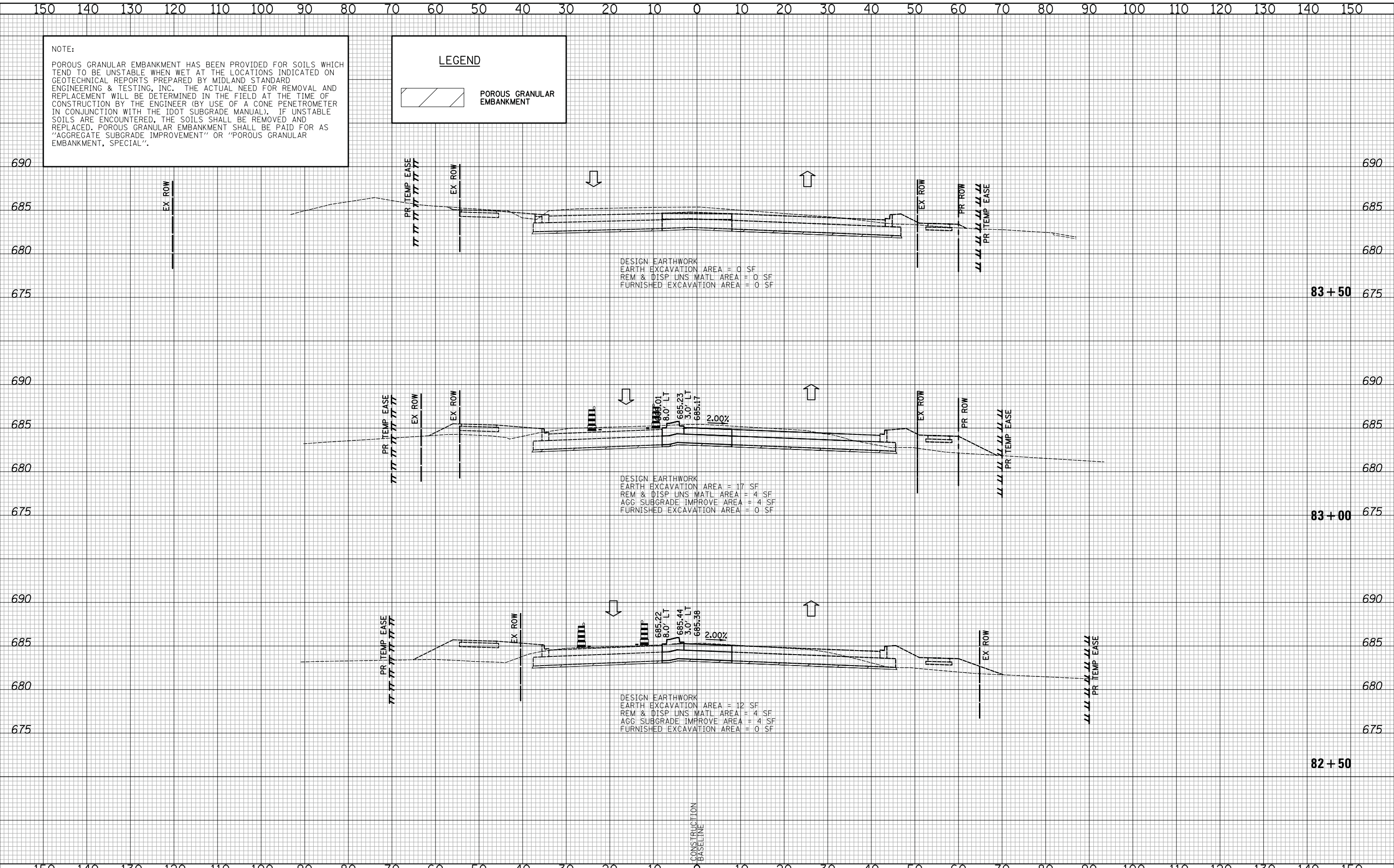
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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
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LEGEND

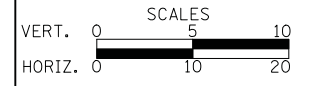
POROUS GRANULAR EMBANKMENT



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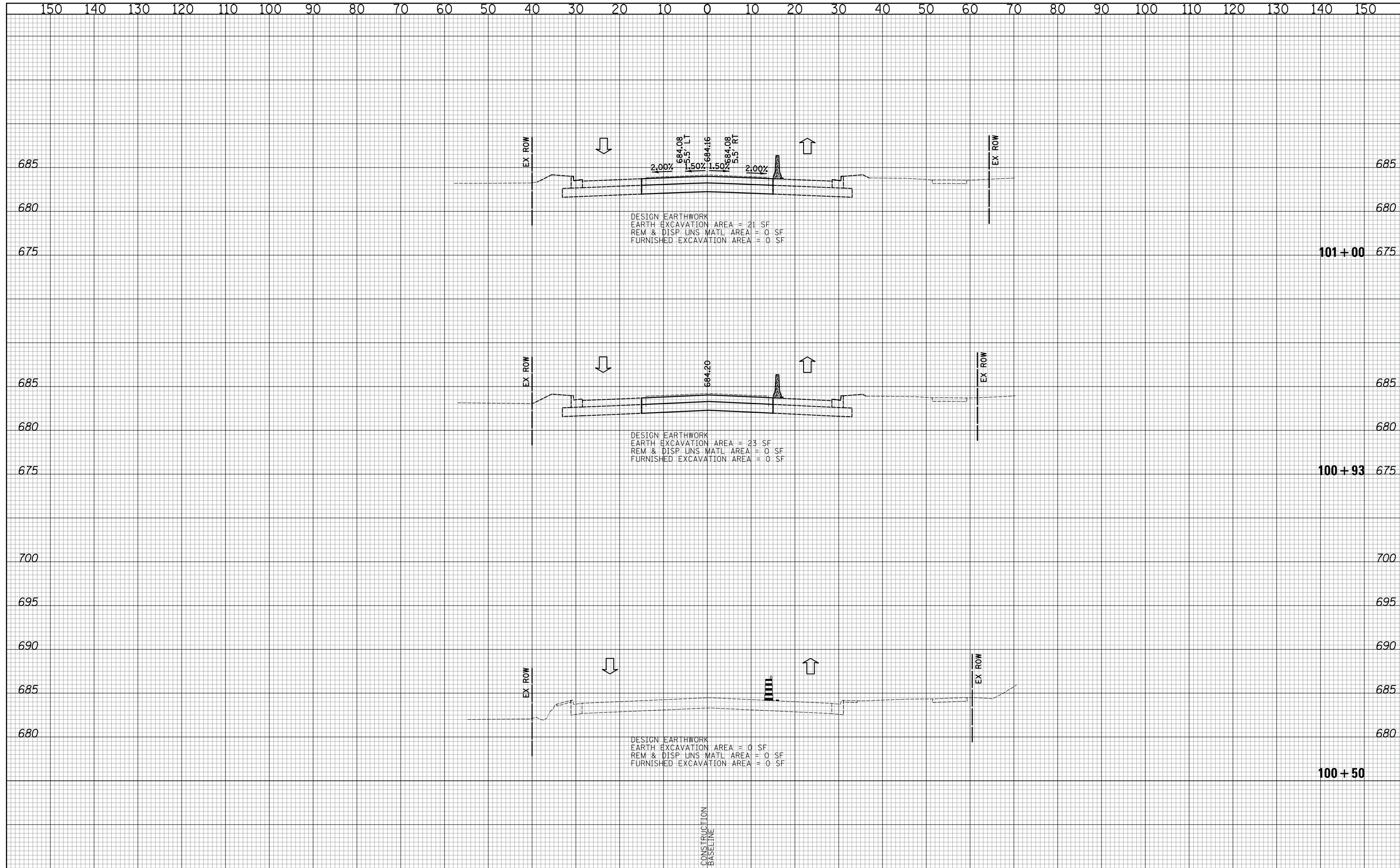
CROSS SECTIONS STAGE IIA - WEILAND ROAD

SHEET NO. 7 OF 7 SHEETS STA. 82+50 TO STA. 83+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	491
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	
NOTE BOOK	
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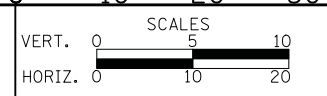
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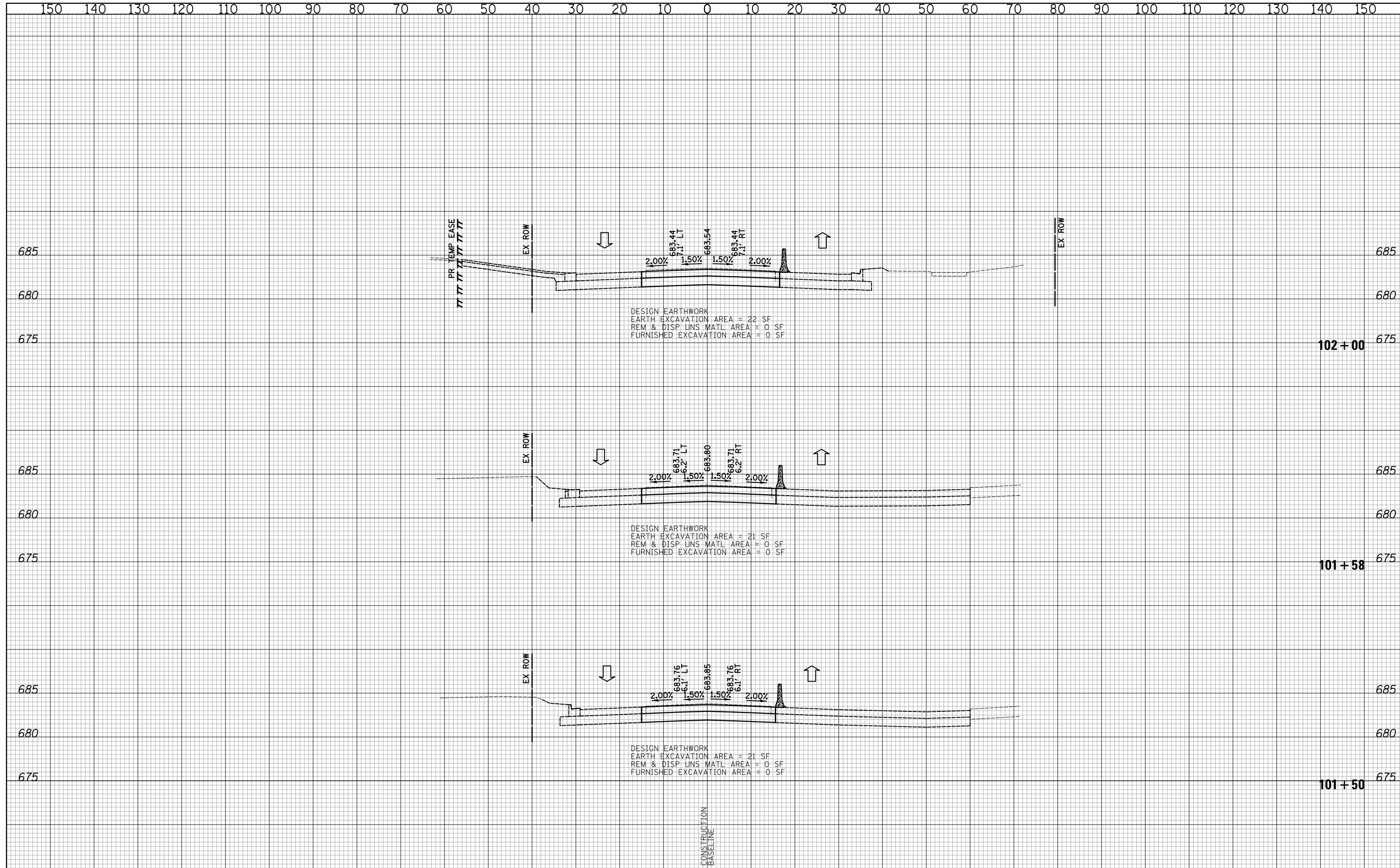
CROSS SECTIONS STAGE IIA - APTAKISIC ROAD

SHEET NO. 1 OF 16 SHEETS STA. 100+50 TO STA. 101+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	492
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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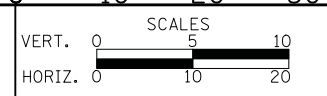
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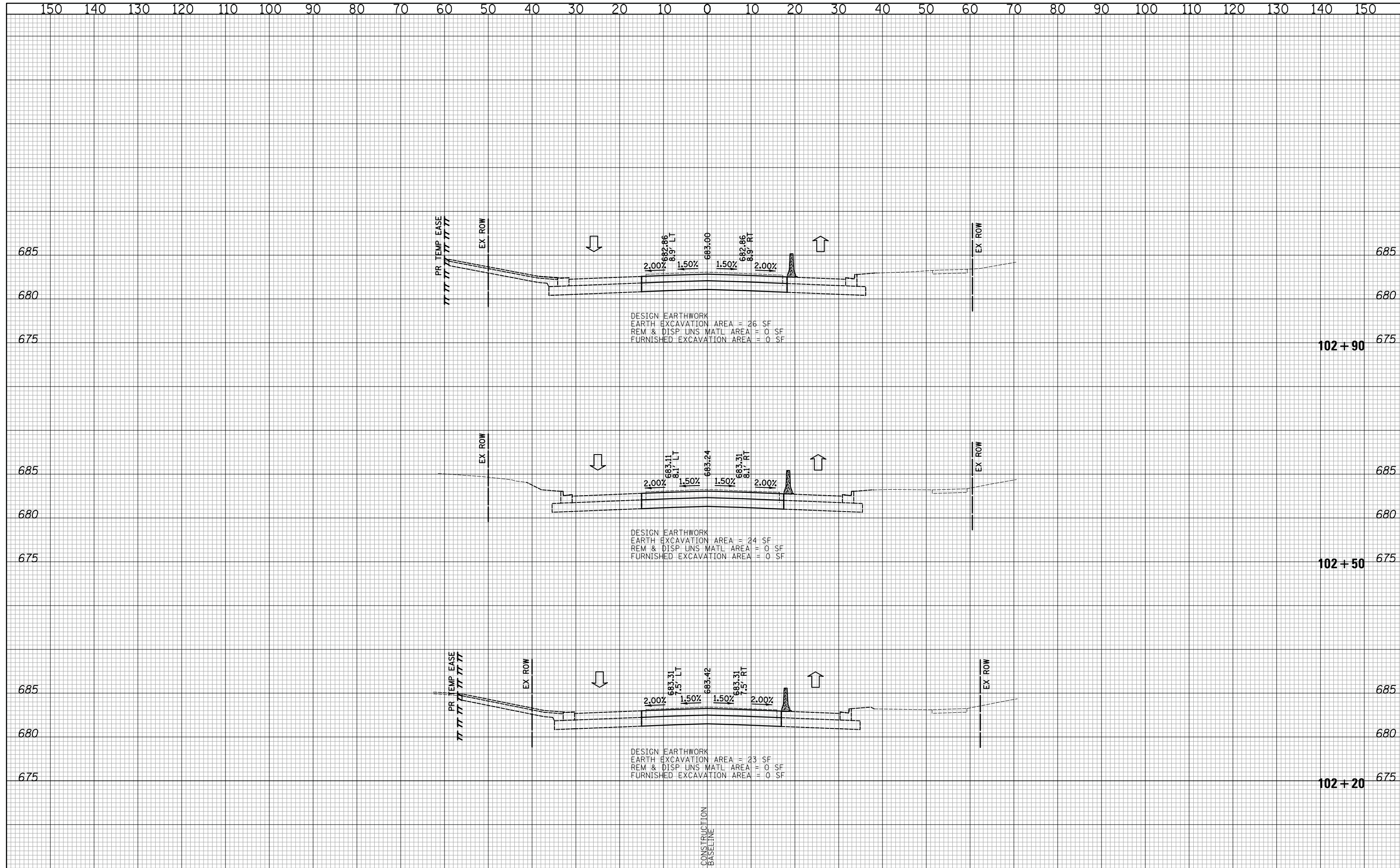
CROSS SECTIONS STAGE IIA - APTAKISIC ROAD

SHEET NO. 2 OF 16 SHEETS STA. 101+50 TO STA. 102+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	493
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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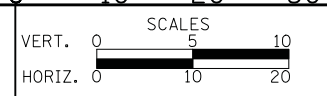
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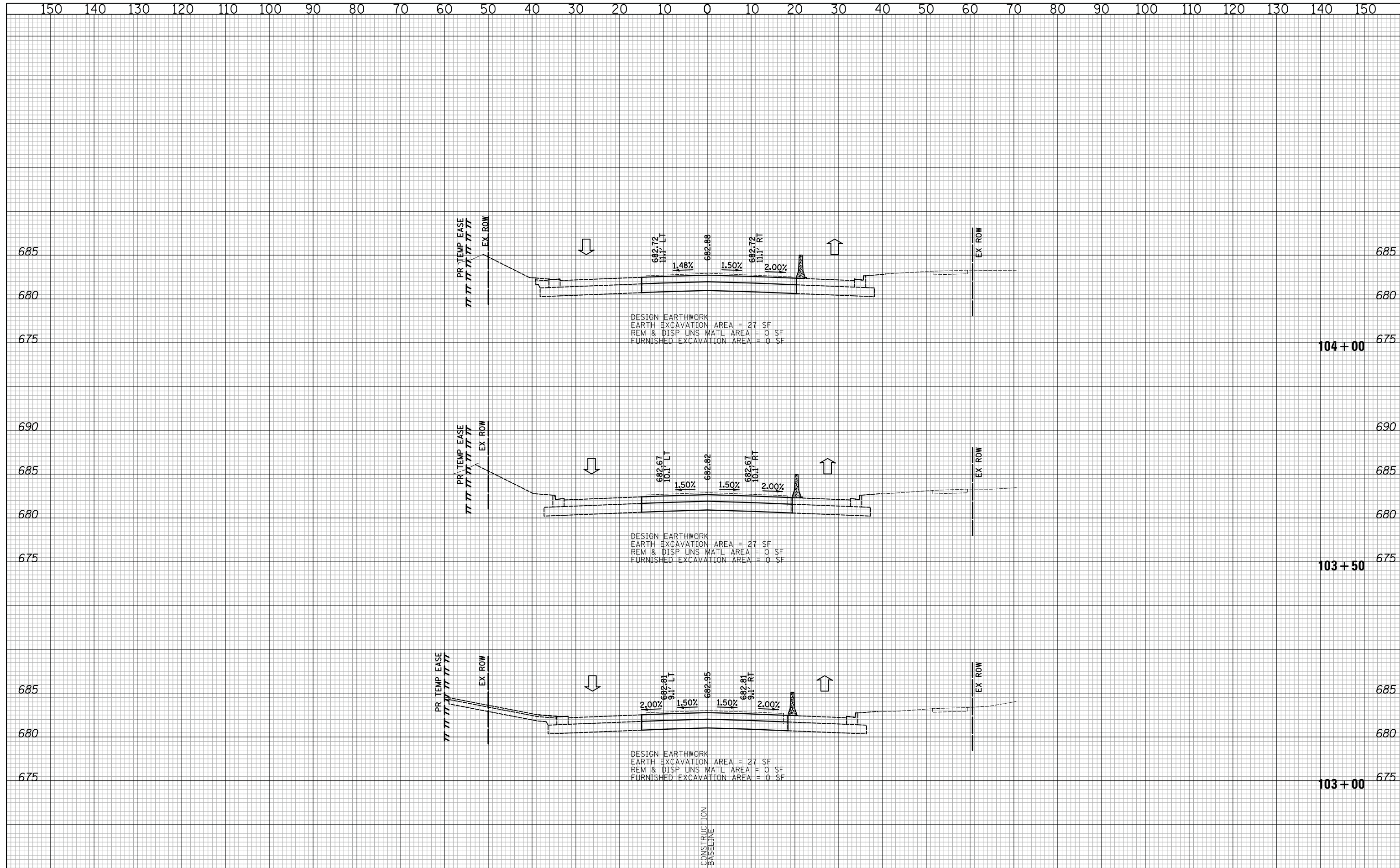
CROSS SECTIONS STAGE IIA - APTAKISIC ROAD

SHEET NO. 3 OF 16 SHEETS STA. 102+20 TO STA. 102+90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	494
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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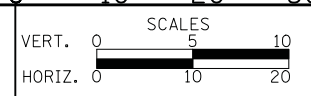
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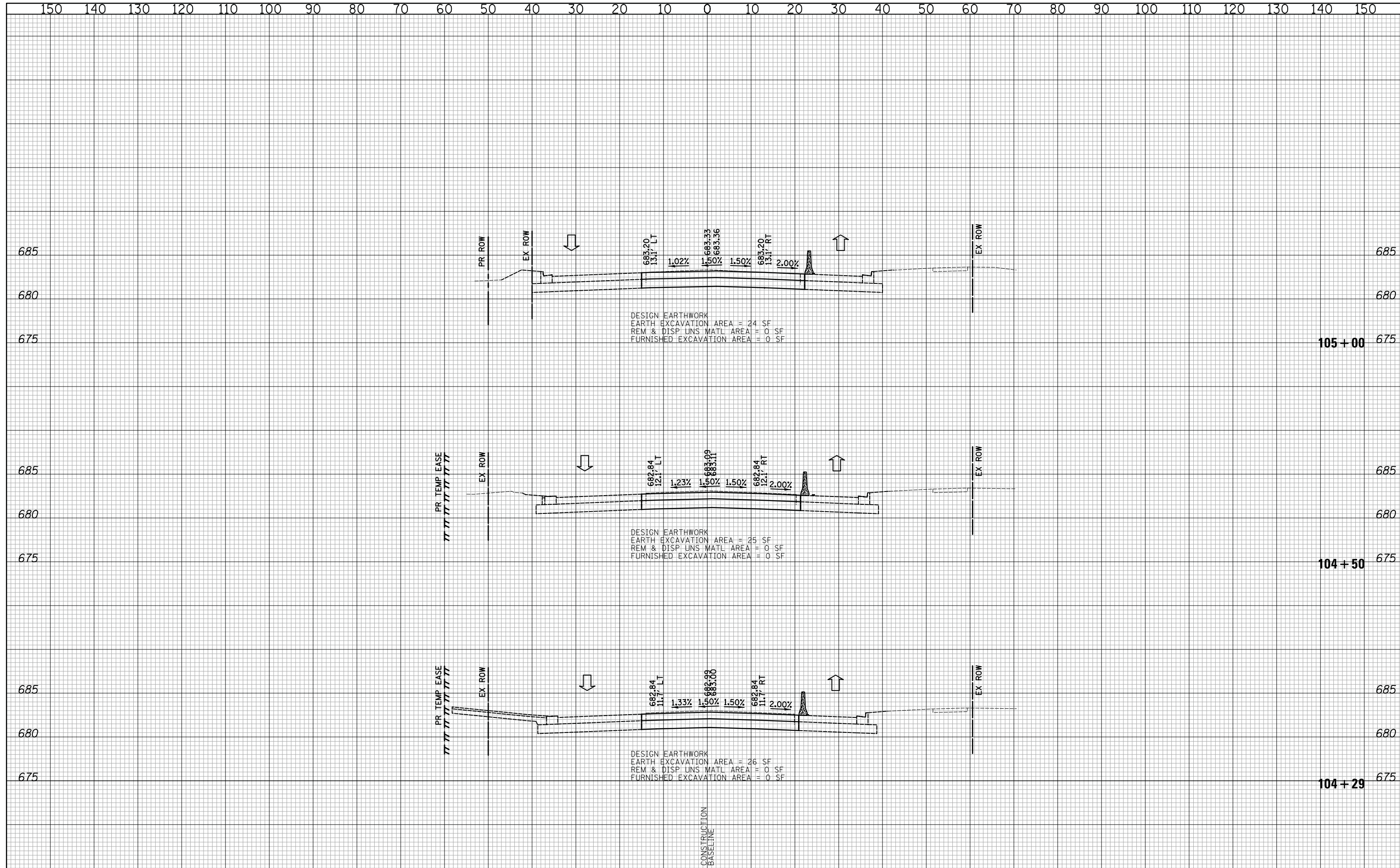


CROSS SECTIONS STAGE IIA - APTAKISIC ROAD
 SHEET NO. 4 OF 16 SHEETS STA. 103+00 TO STA. 104+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	495
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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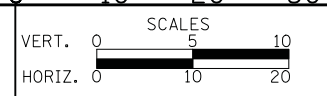
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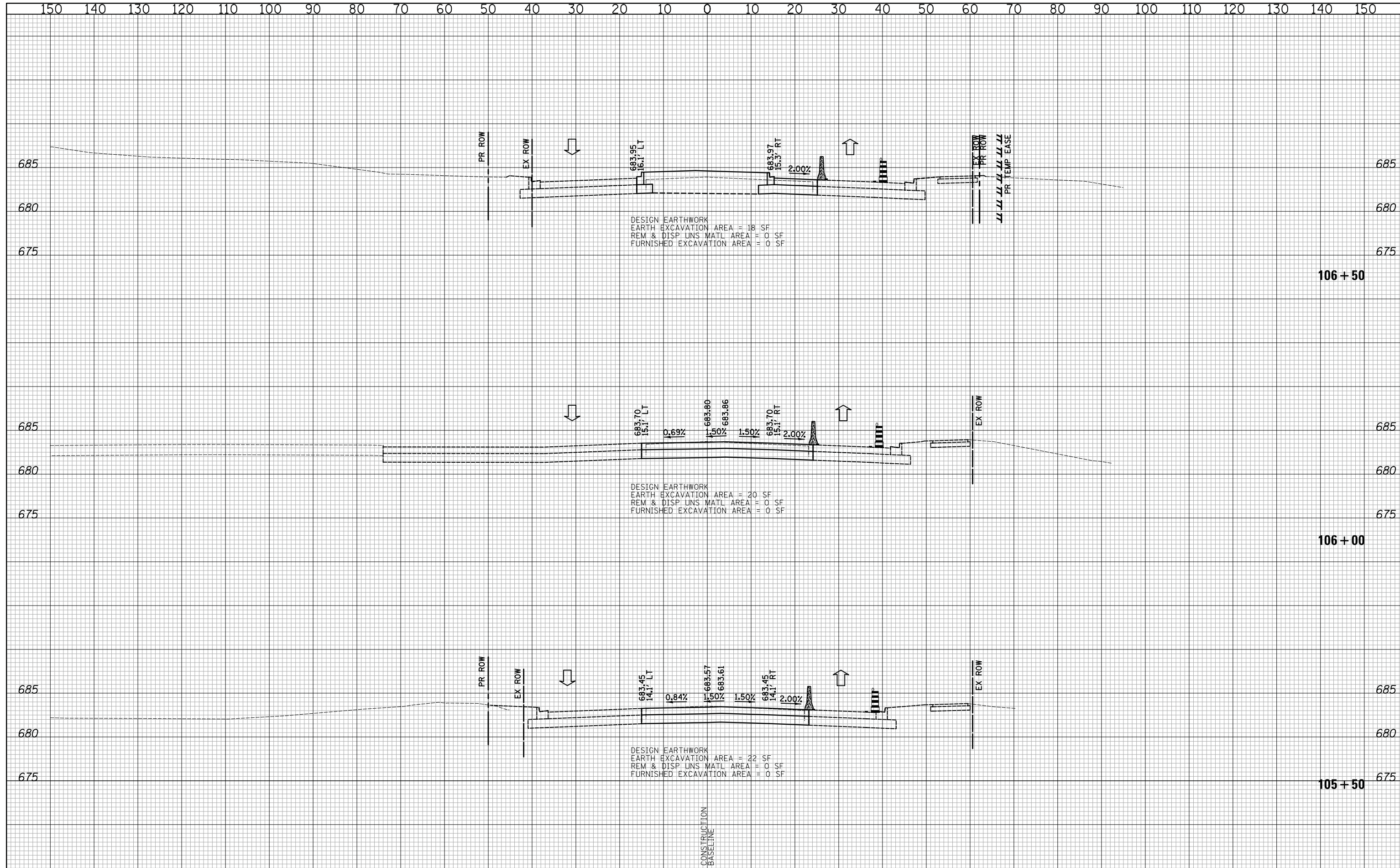
CROSS SECTIONS STAGE IIA - APTAKISIC ROAD

SHEET NO. 5 OF 16 SHEETS STA. 104+29 TO STA. 105+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	496
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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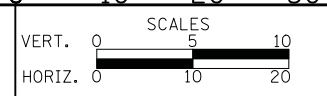
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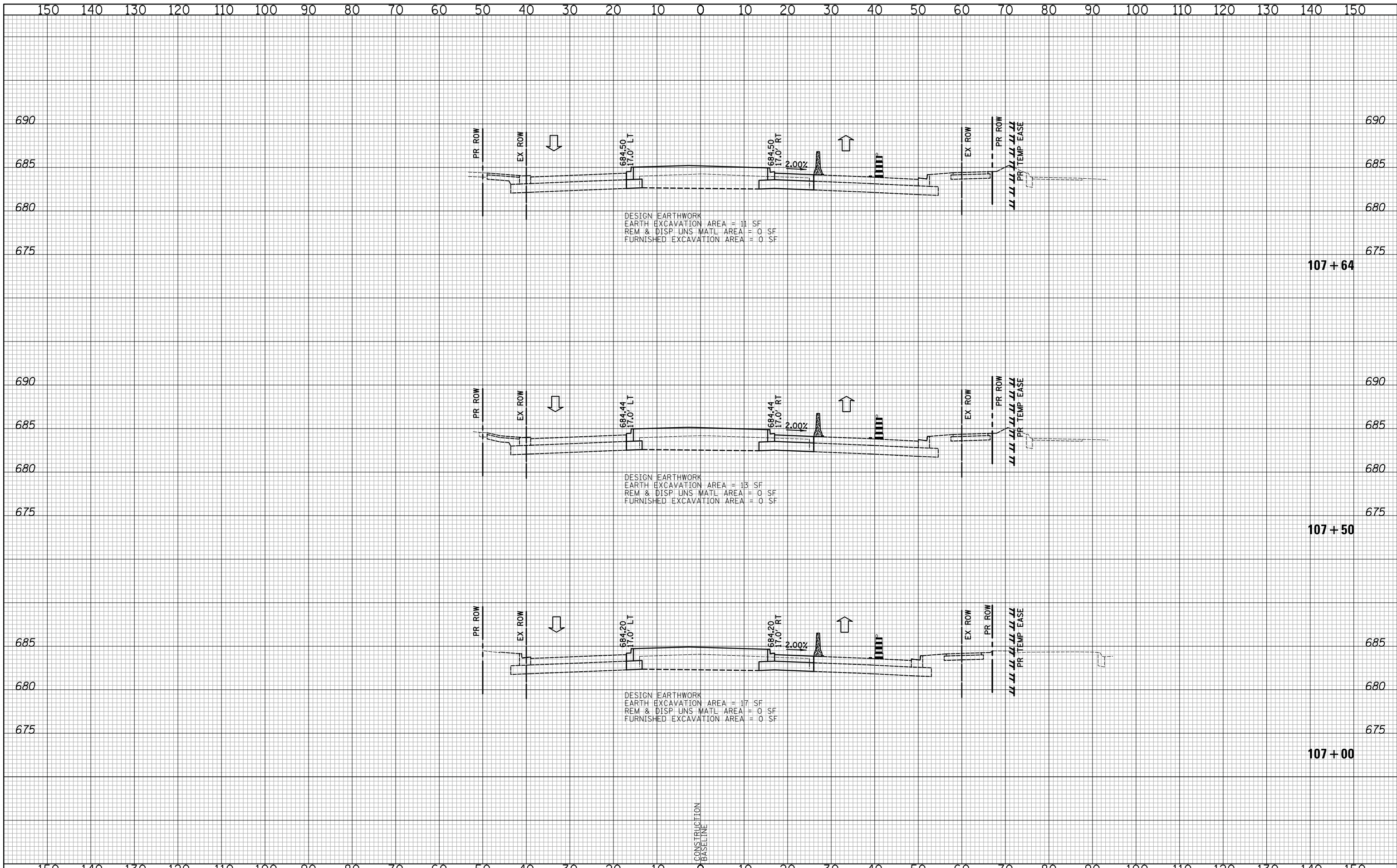
CROSS SECTIONS STAGE IIA - APTAKISIC ROAD

SHEET NO. 6 OF 16 SHEETS STA. 105+50 TO STA. 106+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	497
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	
NOTE BOOK	
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DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 11 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 13 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 17 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

CIVILTECH
 Two Pierce Place, Suite 1400
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



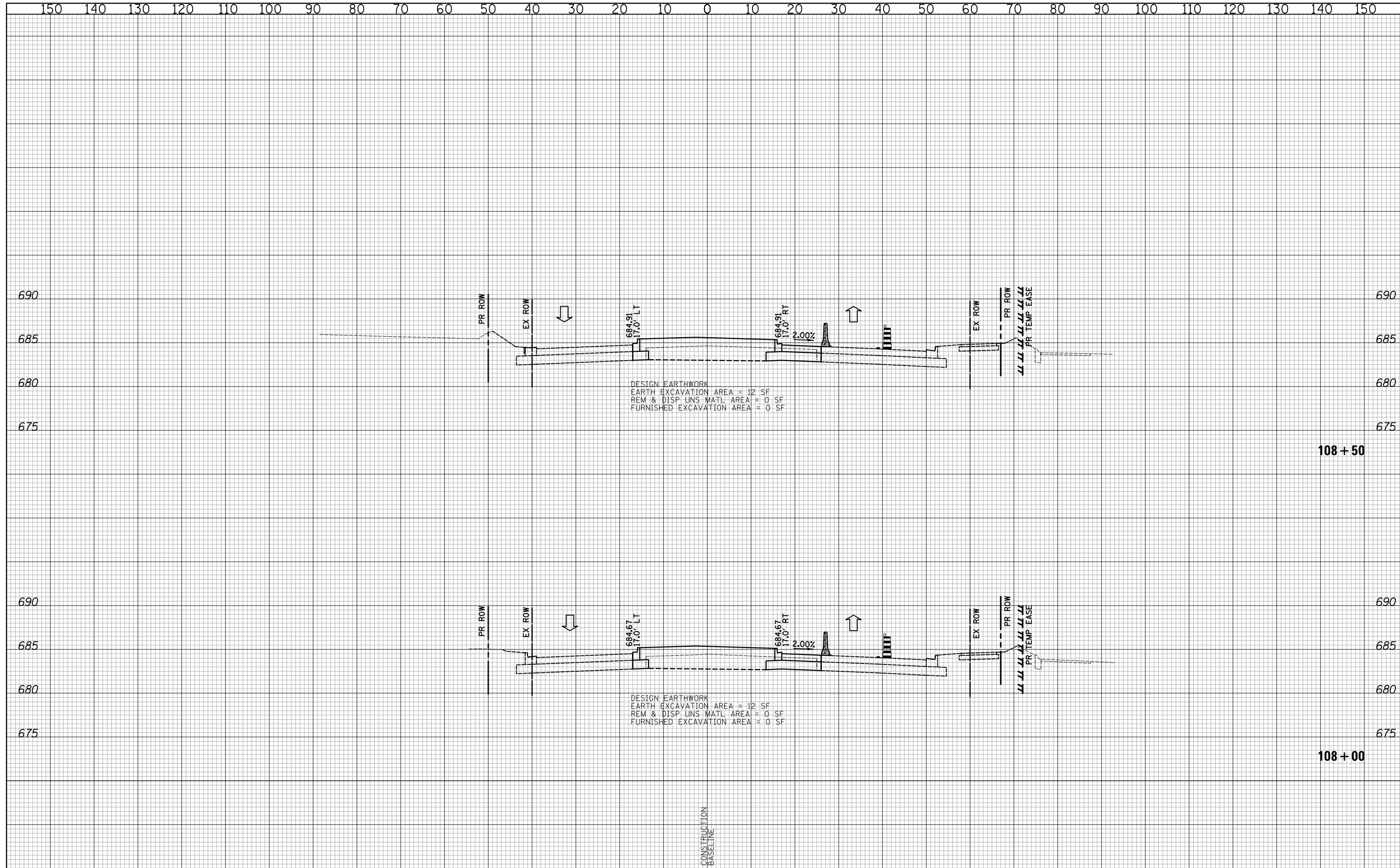
CROSS SECTIONS STAGE IIA - APTAKISIC ROAD

SHEET NO. 7 OF 16 SHEETS STA. 107+00 TO STA. 107+64

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	498
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

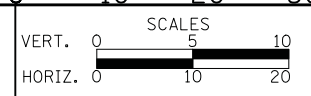
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 12 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 12 SF
 REM & DISP UNS MATL AREA = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

CONSTRUCTION
 BASELINE



CROSS SECTIONS STAGE IIA - APTAKISIC ROAD

SHEET NO. 8 OF 16 SHEETS STA. 108+00 TO STA. 108+50

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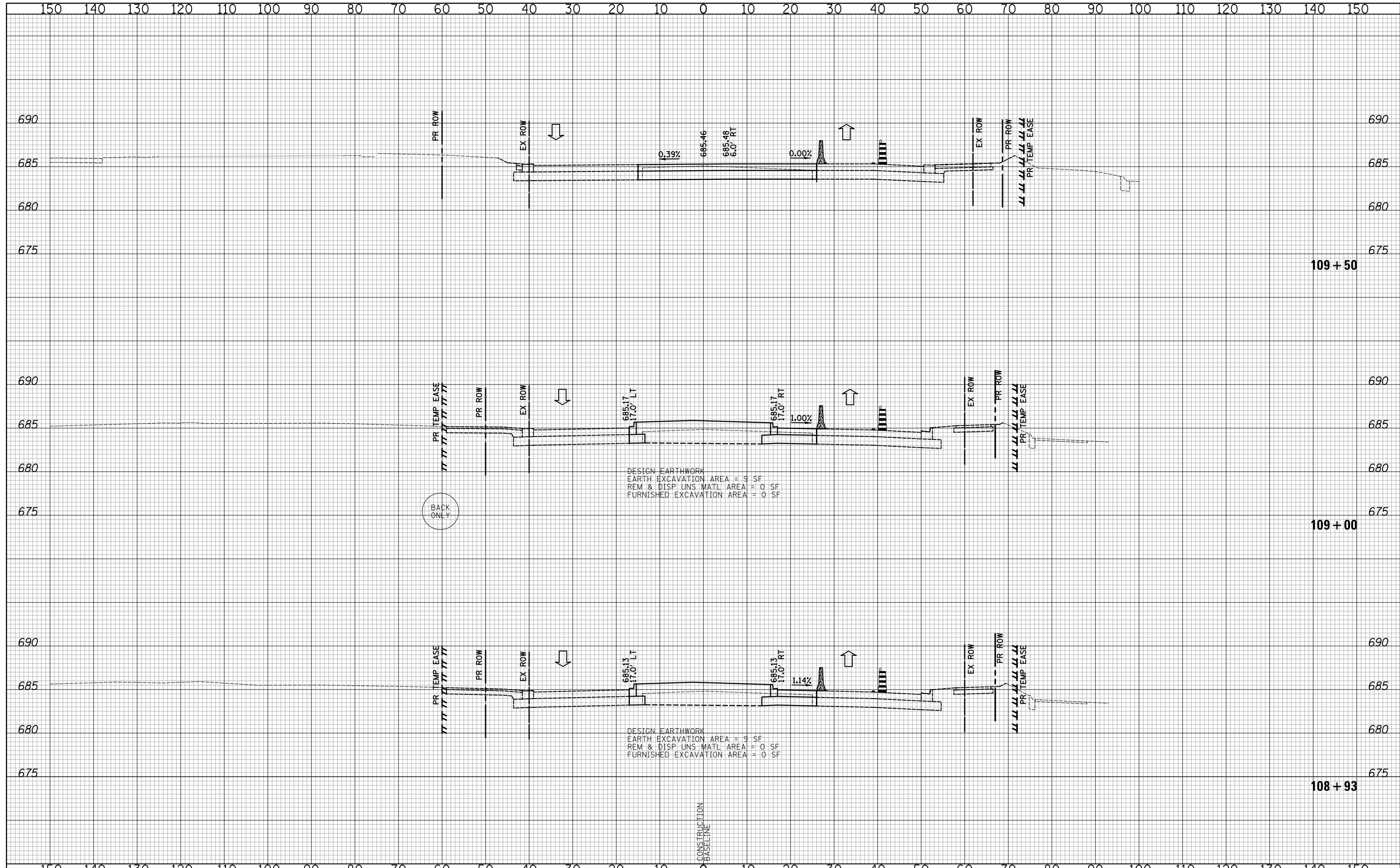
DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	499
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

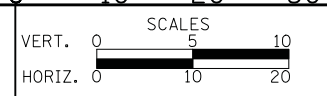
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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DESIGNED - PK	REVISED -
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CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE IIA - APTAKISIC ROAD

SHEET NO. 9 OF 16 SHEETS STA. 108+93 TO STA. 109+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	500
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				