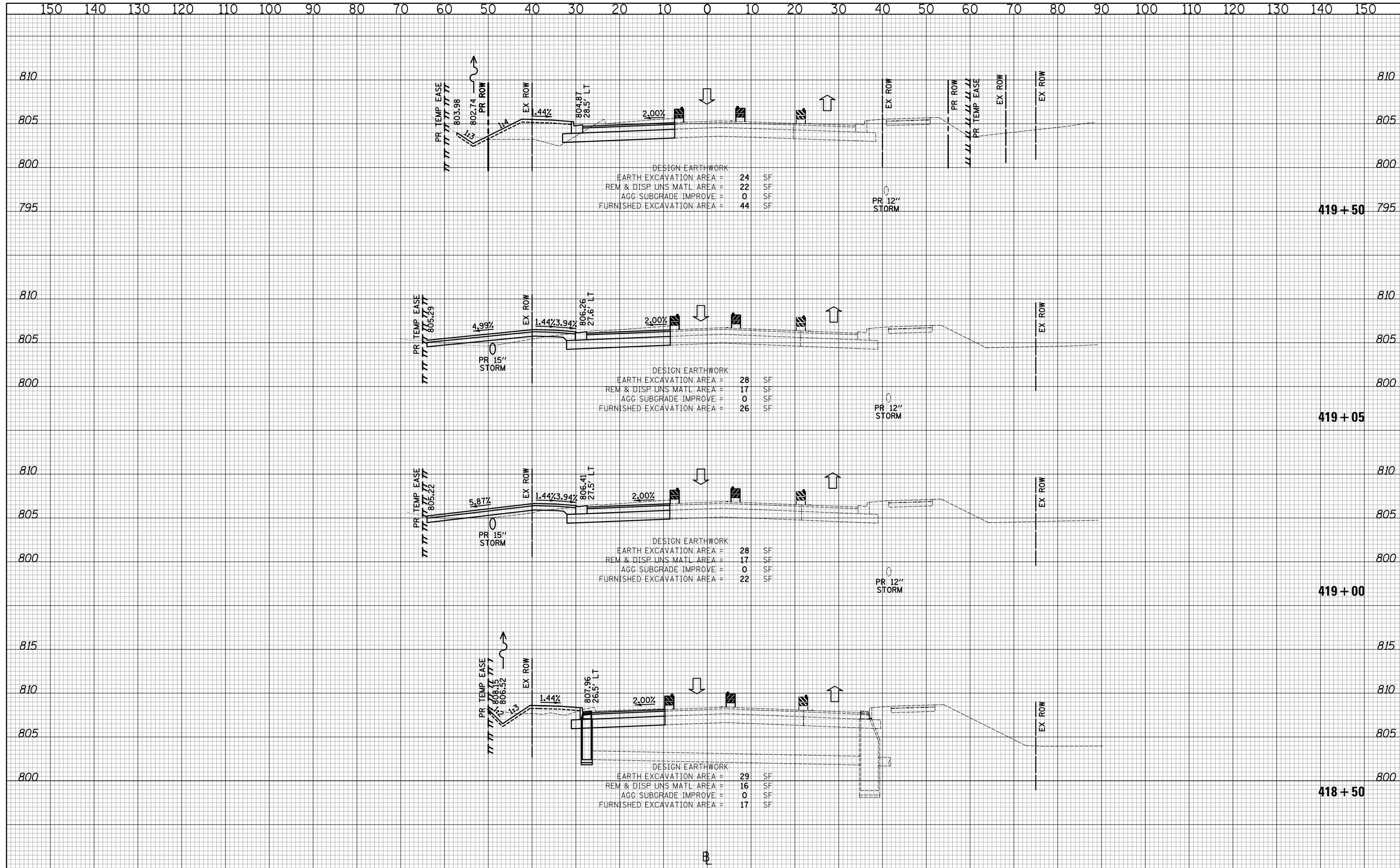


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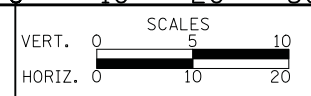
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DATE - 11/13/2017	REVISED -

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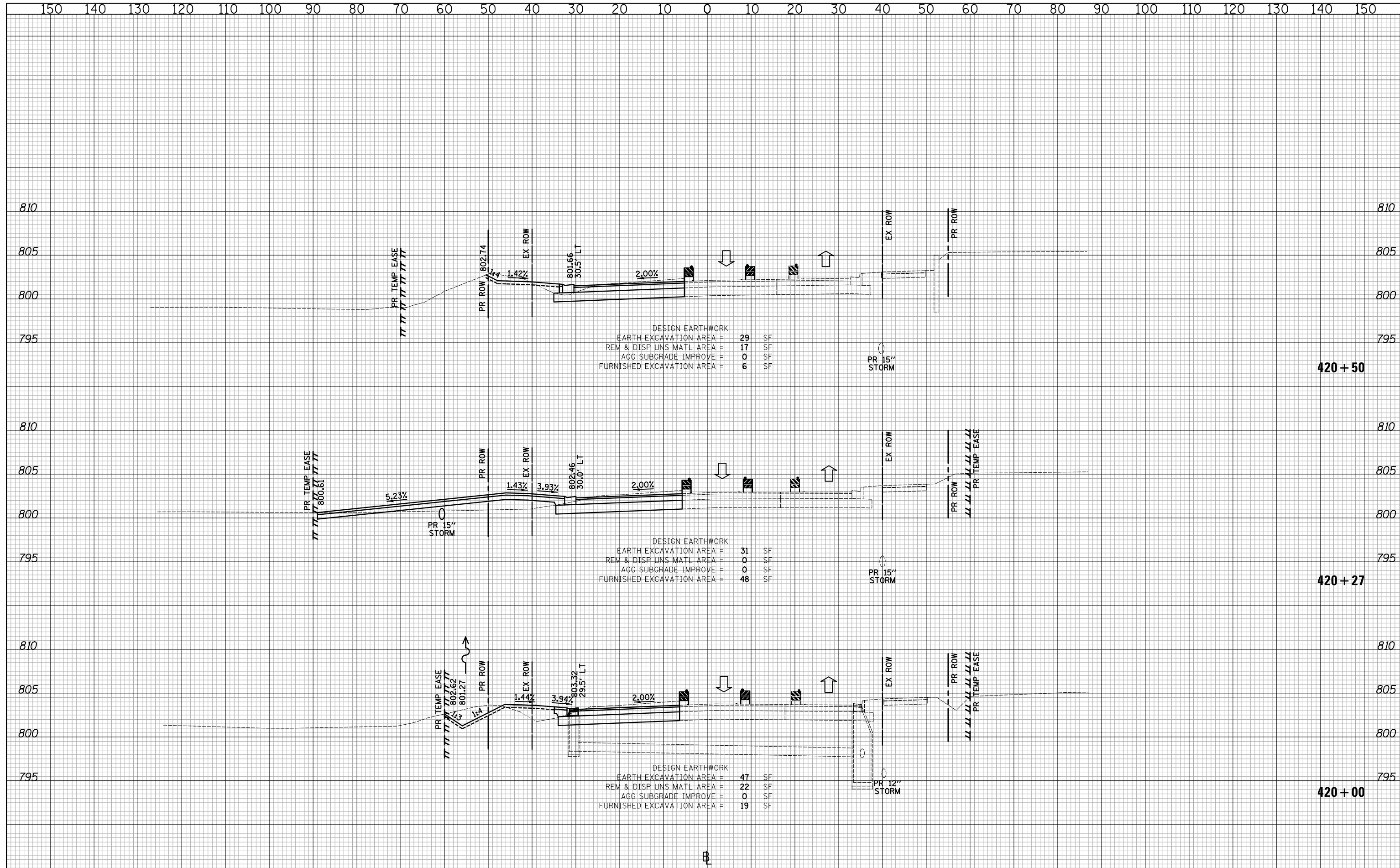
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 8 OF 89 SHEETS STA. 418+50 TO STA. 419+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	501
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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TEMPLATE	
AREAS	
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NO.	



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	29	SF
REM & DISP UNS MATL AREA	=	17	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	6	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	31	SF
REM & DISP UNS MATL AREA	=	0	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	48	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	47	SF
REM & DISP UNS MATL AREA	=	22	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	19	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

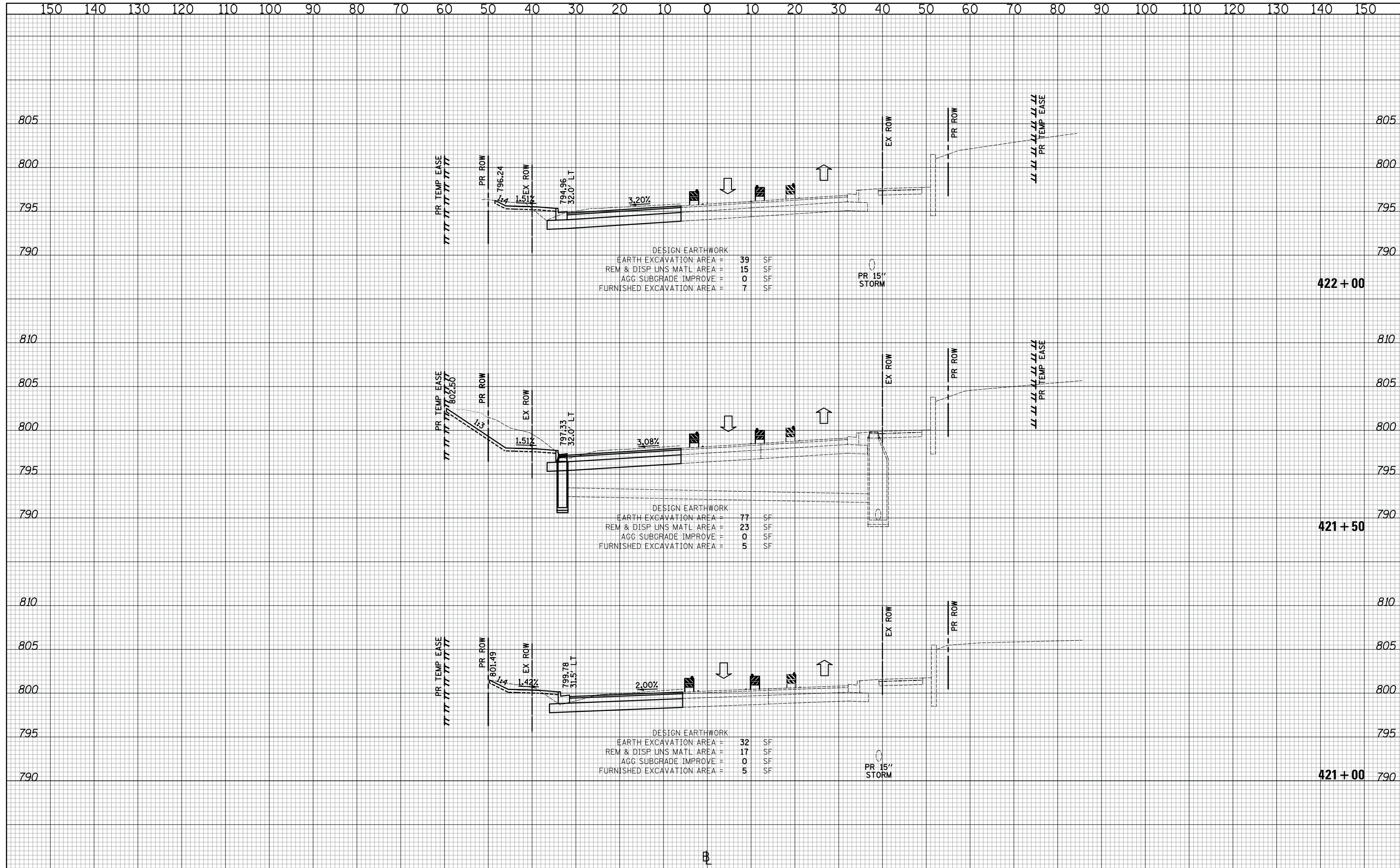
SHEET NO. 9 OF 89 SHEETS STA. 420+00 TO STA. 420+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	502
CONTRACT NO. 61E22				

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

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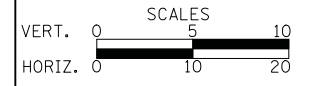
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CROSS SECTIONS STAGE II - QUENTIN ROAD

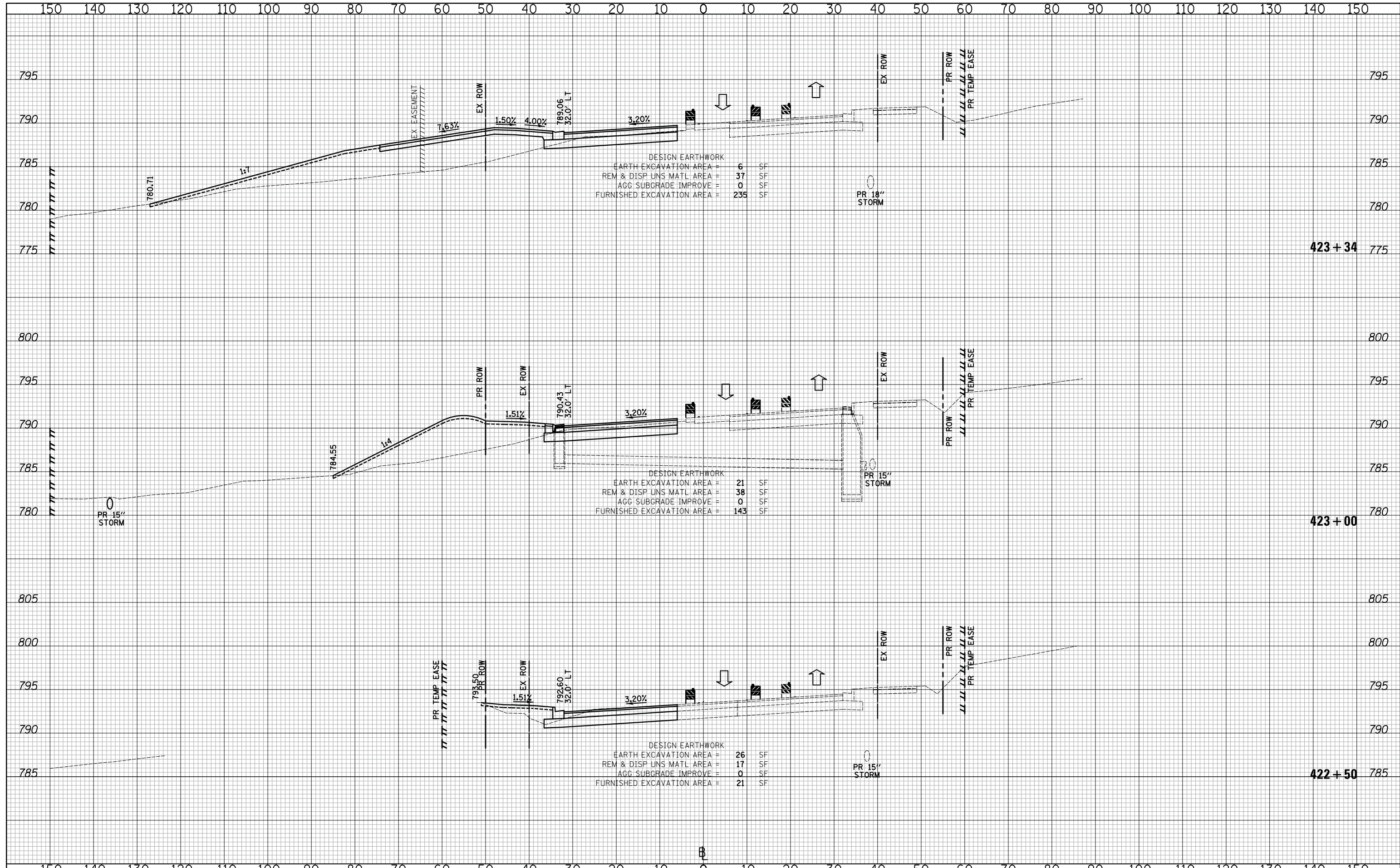
SHEET NO. 10 OF 89 SHEETS STA. 421+00 TO STA. 422+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	503
				CONTRACT NO. 61E22

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

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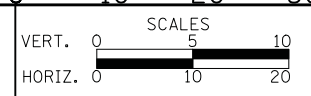
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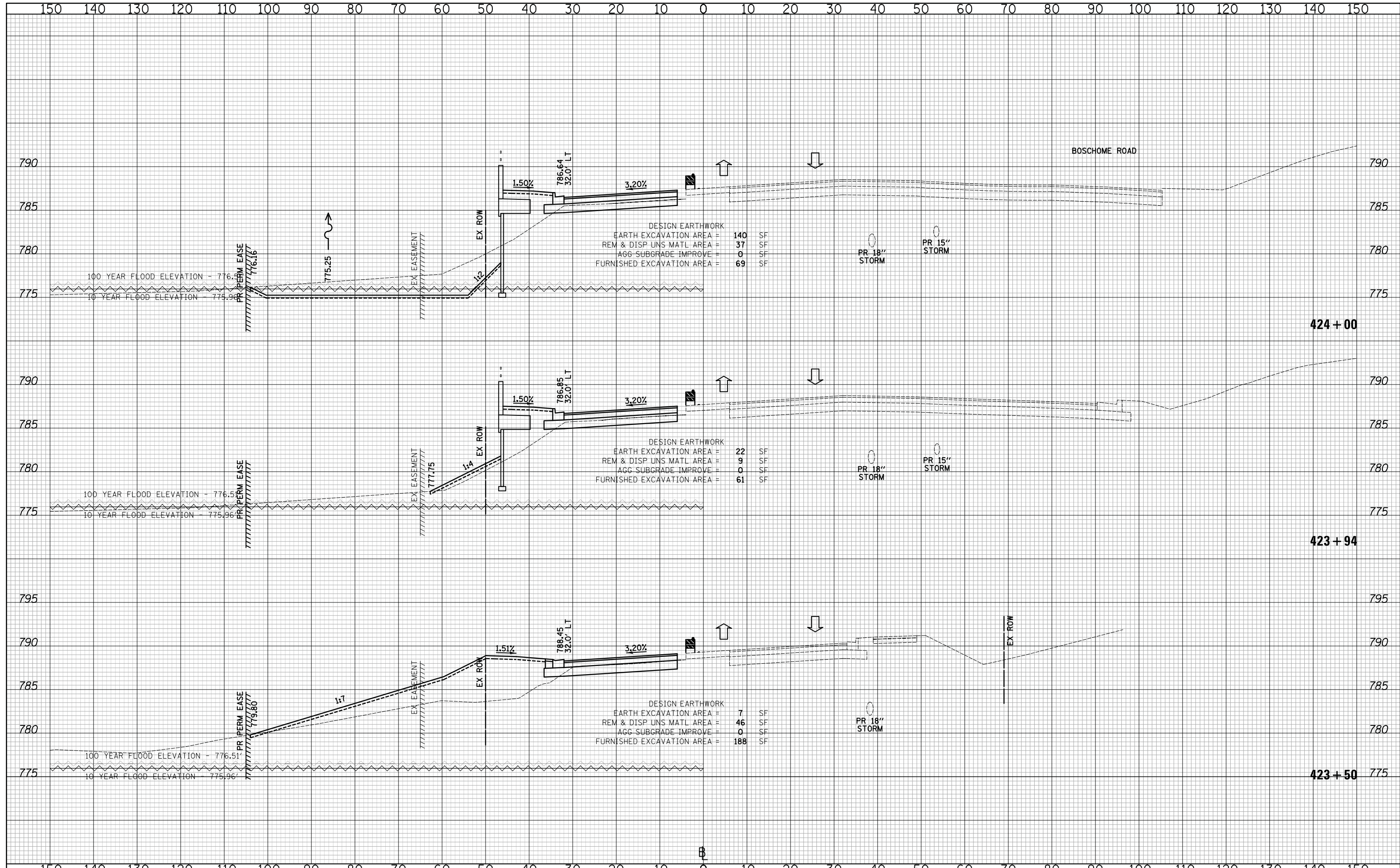
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 11 OF 89 SHEETS STA. 422+50 TO STA. 423+34

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	504
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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CROSS SECTIONS STAGE II - QUENTIN ROAD

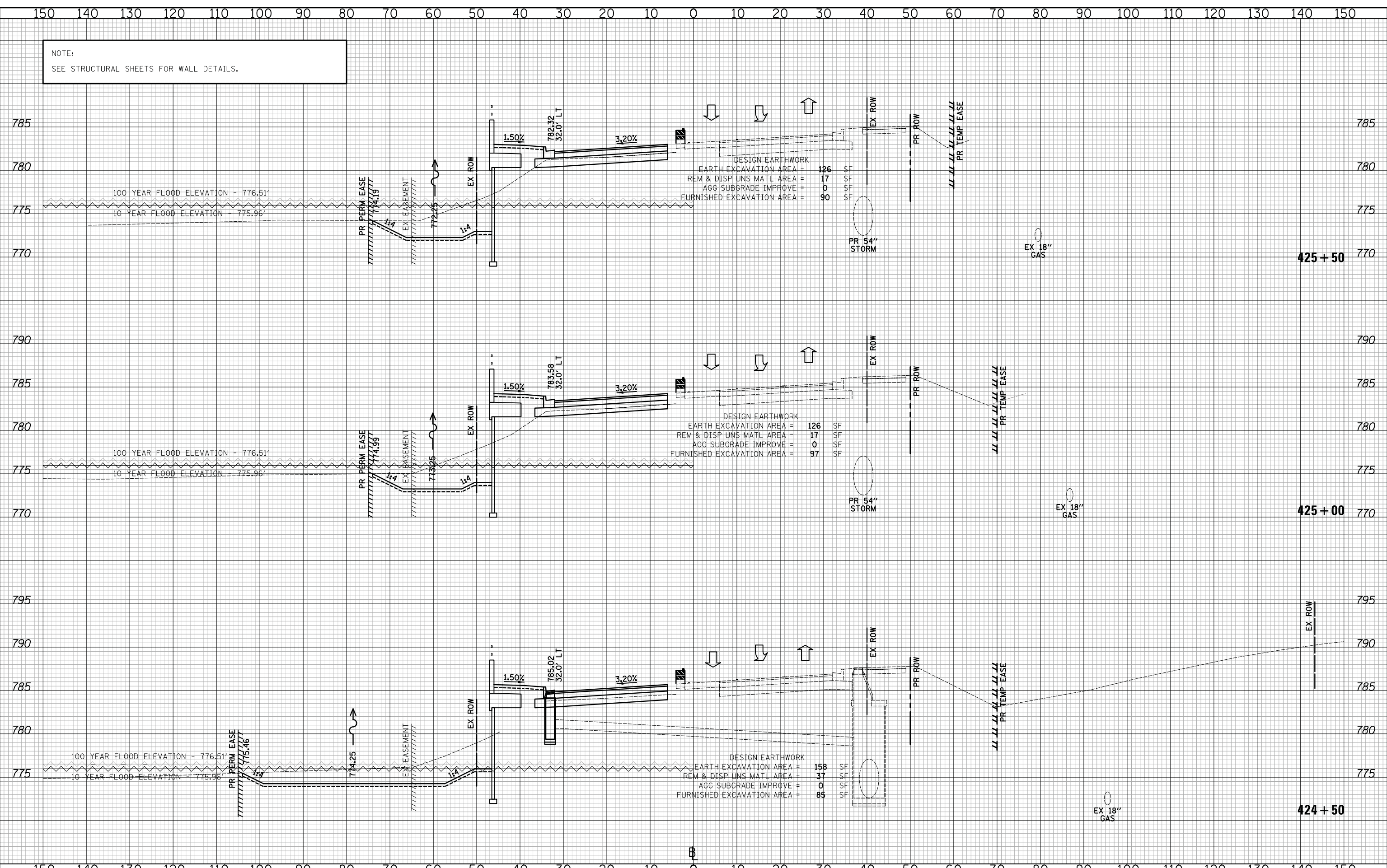
SHEET NO. 12 OF 89 SHEETS STA. 423+50 TO STA. 424+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	505
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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CROSS SECTIONS STAGE II - QUENTIN ROAD

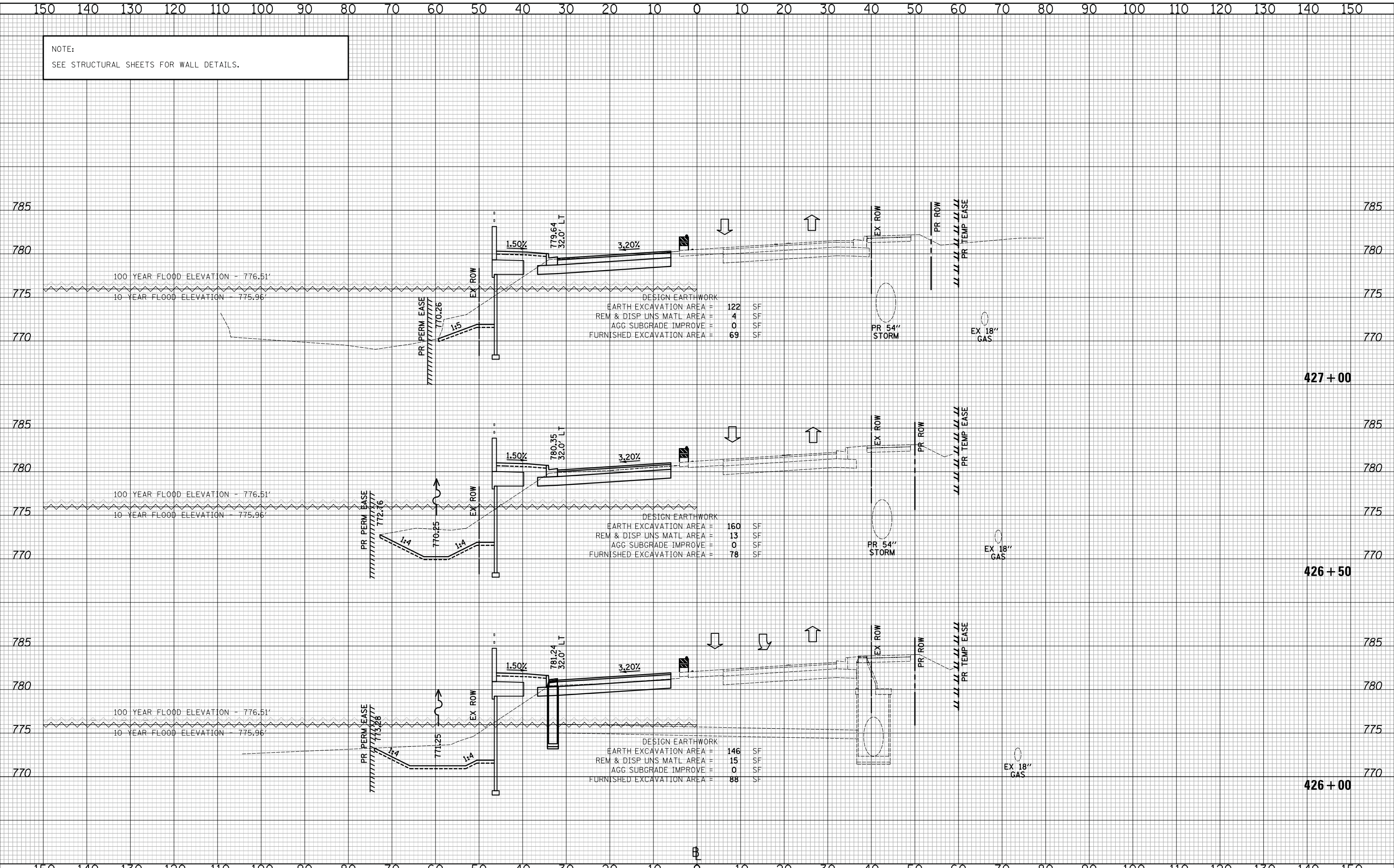
SHEET NO. 13 OF 89 SHEETS STA. 424+50 TO STA. 425+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	506
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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AREAS CHECKED	
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CROSS SECTIONS STAGE II - QUENTIN ROAD

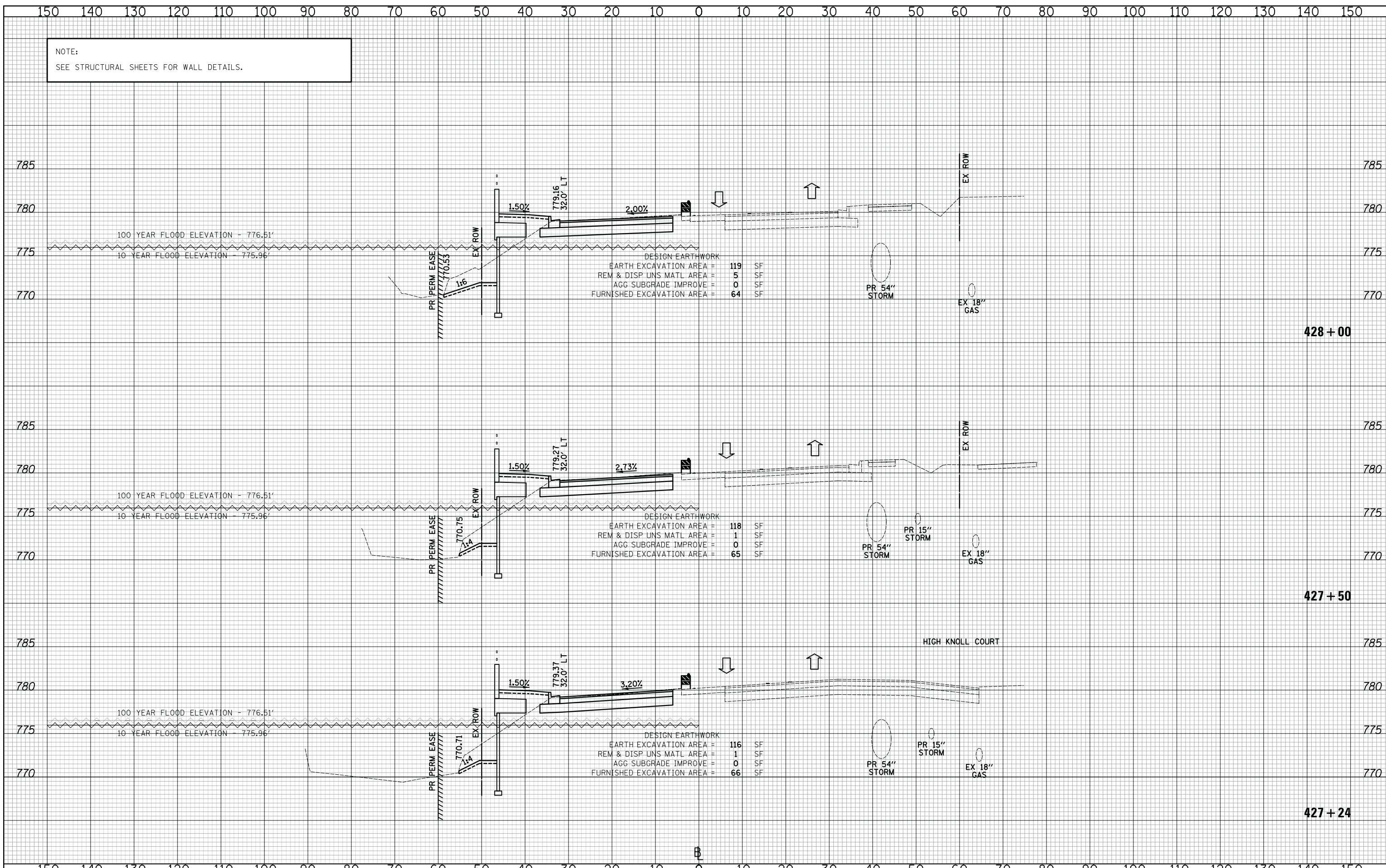
SHEET NO. 14 OF 89 SHEETS STA. 426+00 TO STA. 427+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	507
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	119	SF
REM & DISP UNS MATL AREA =	5	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	64	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	118	SF
REM & DISP UNS MATL AREA =	1	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	65	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	116	SF
REM & DISP UNS MATL AREA =	1	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	66	SF



CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 15 OF 89 SHEETS STA. 427+24 TO STA. 428+00

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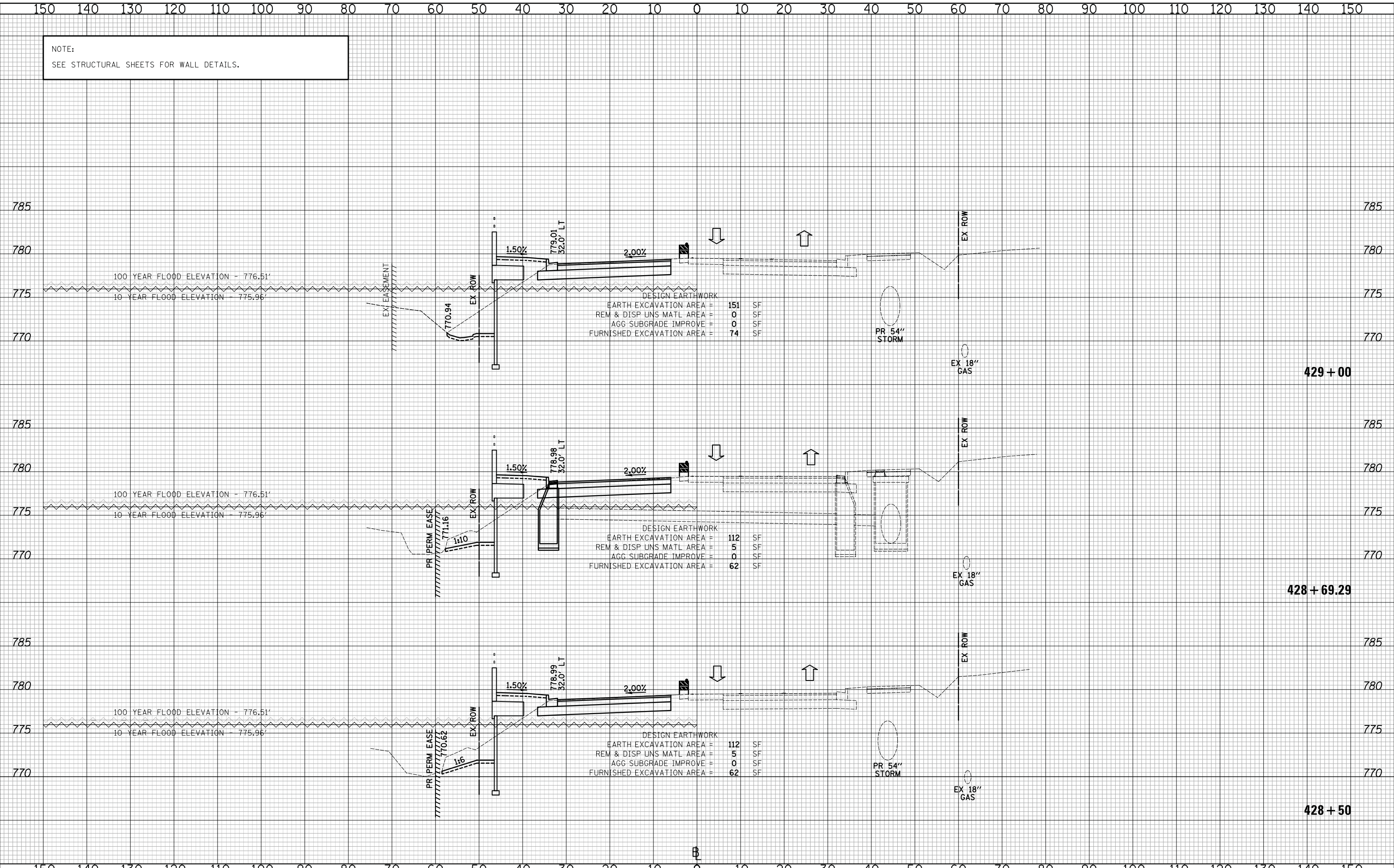
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	508
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
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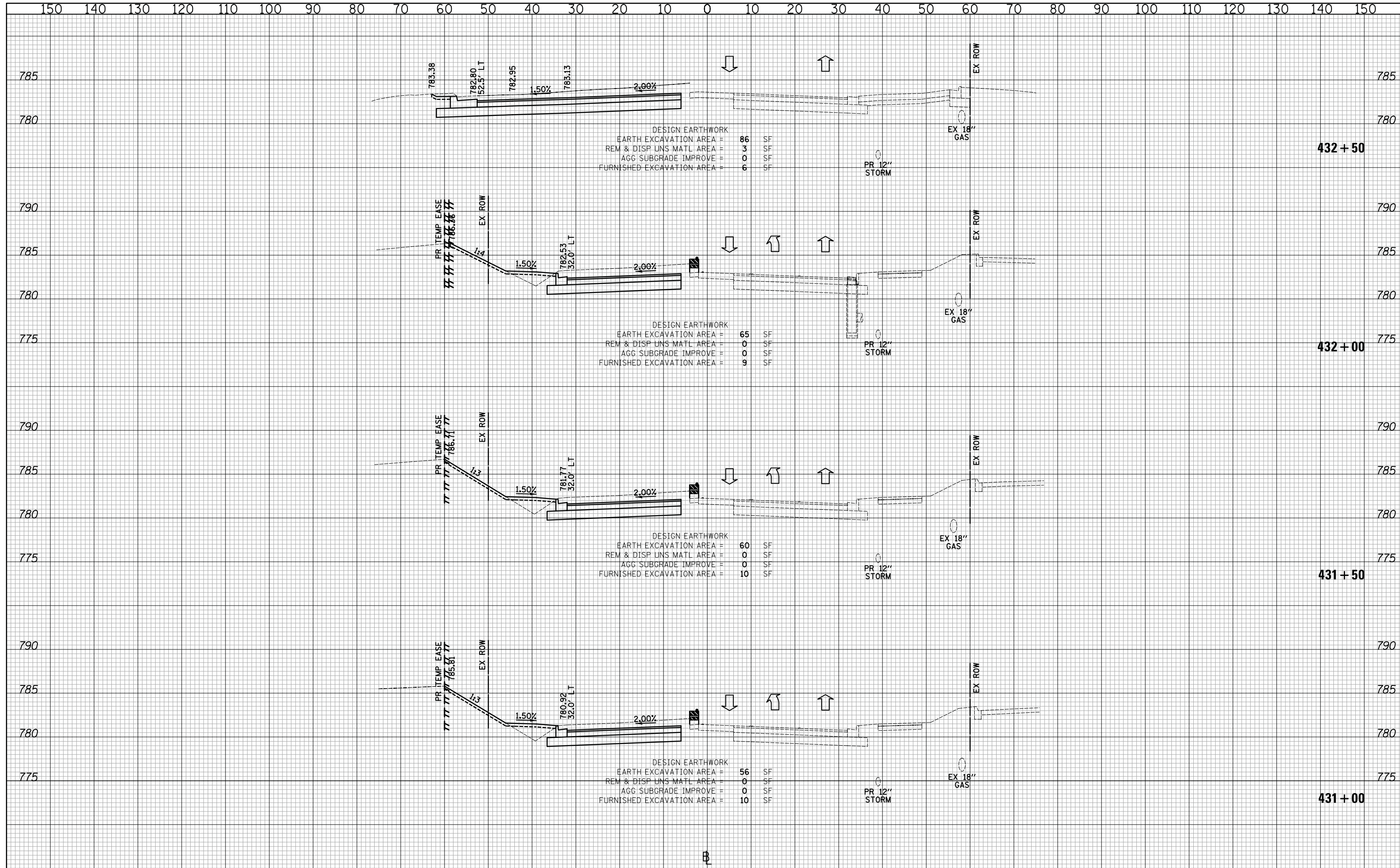
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 16 OF 89 SHEETS STA. 428+50 TO STA. 429+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	509
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 86 SF
 REM & DISP UNS MATL AREA = 3 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 6 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 65 SF
 REM & DISP UNS MATL AREA = 0 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 9 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 60 SF
 REM & DISP UNS MATL AREA = 0 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 10 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 56 SF
 REM & DISP UNS MATL AREA = 0 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 10 SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

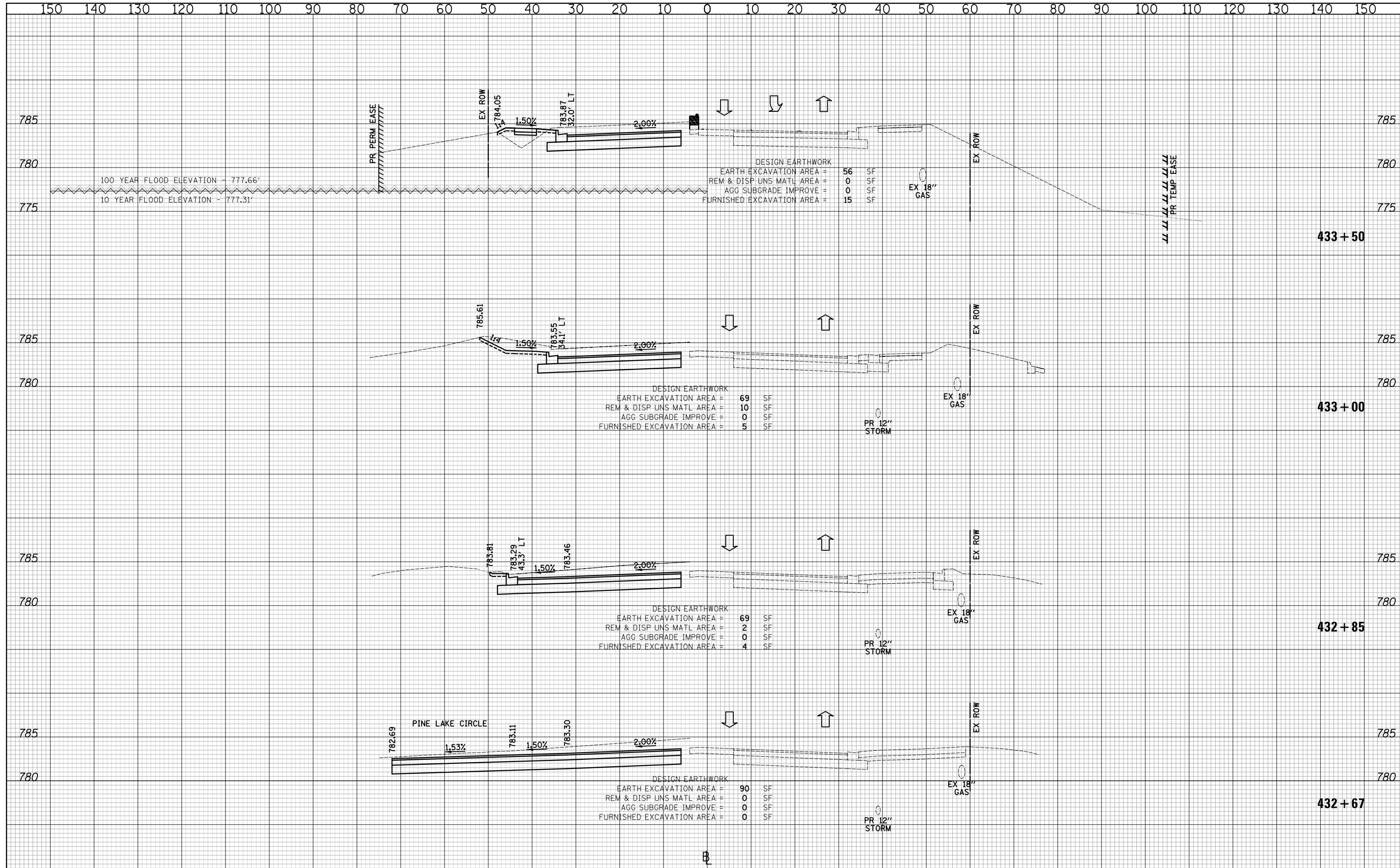
SHEET NO. 18 OF 89 SHEETS STA. 431+00 TO STA. 432+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	511
CONTRACT NO. 61E22				

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

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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	56	SF
REM & DISP UNS MATL AREA =	0	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	15	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	69	SF
REM & DISP UNS MATL AREA =	10	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	5	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	69	SF
REM & DISP UNS MATL AREA =	2	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	4	SF

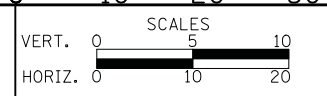
DESIGN EARTHWORK

EARTH EXCAVATION AREA =	90	SF
REM & DISP UNS MATL AREA =	0	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	0	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 19 OF 89 SHEETS STA. 432+67 TO STA. 433+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	512
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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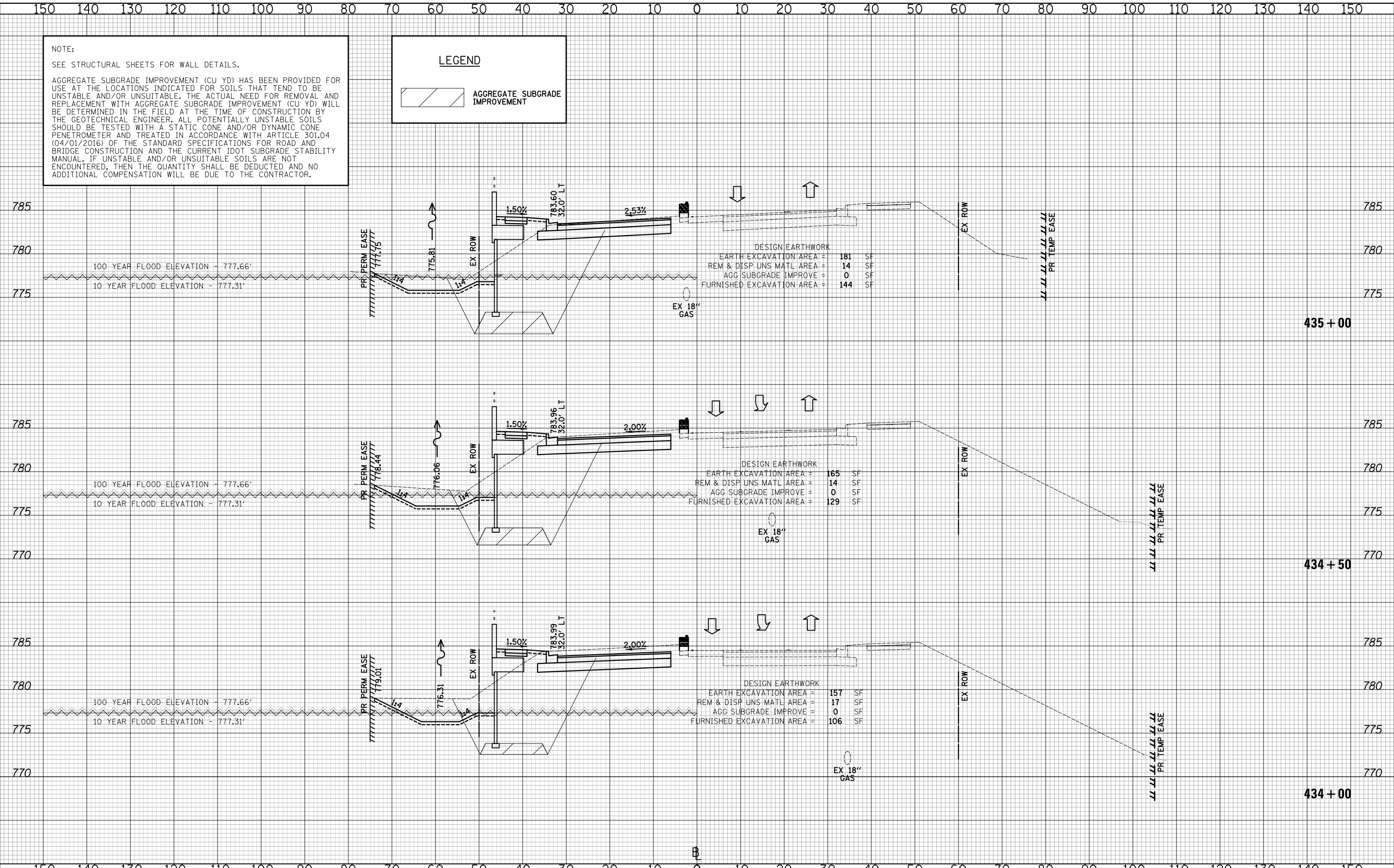
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AREAS CHECKED	
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NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

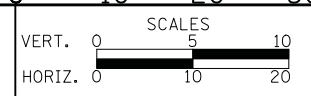
AGGREGATE SUBGRADE IMPROVEMENT



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CROSS SECTIONS STAGE II - QUENTIN ROAD

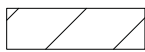
SHEET NO. 20 OF 89 SHEETS STA. 434+00 TO STA. 435+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	513
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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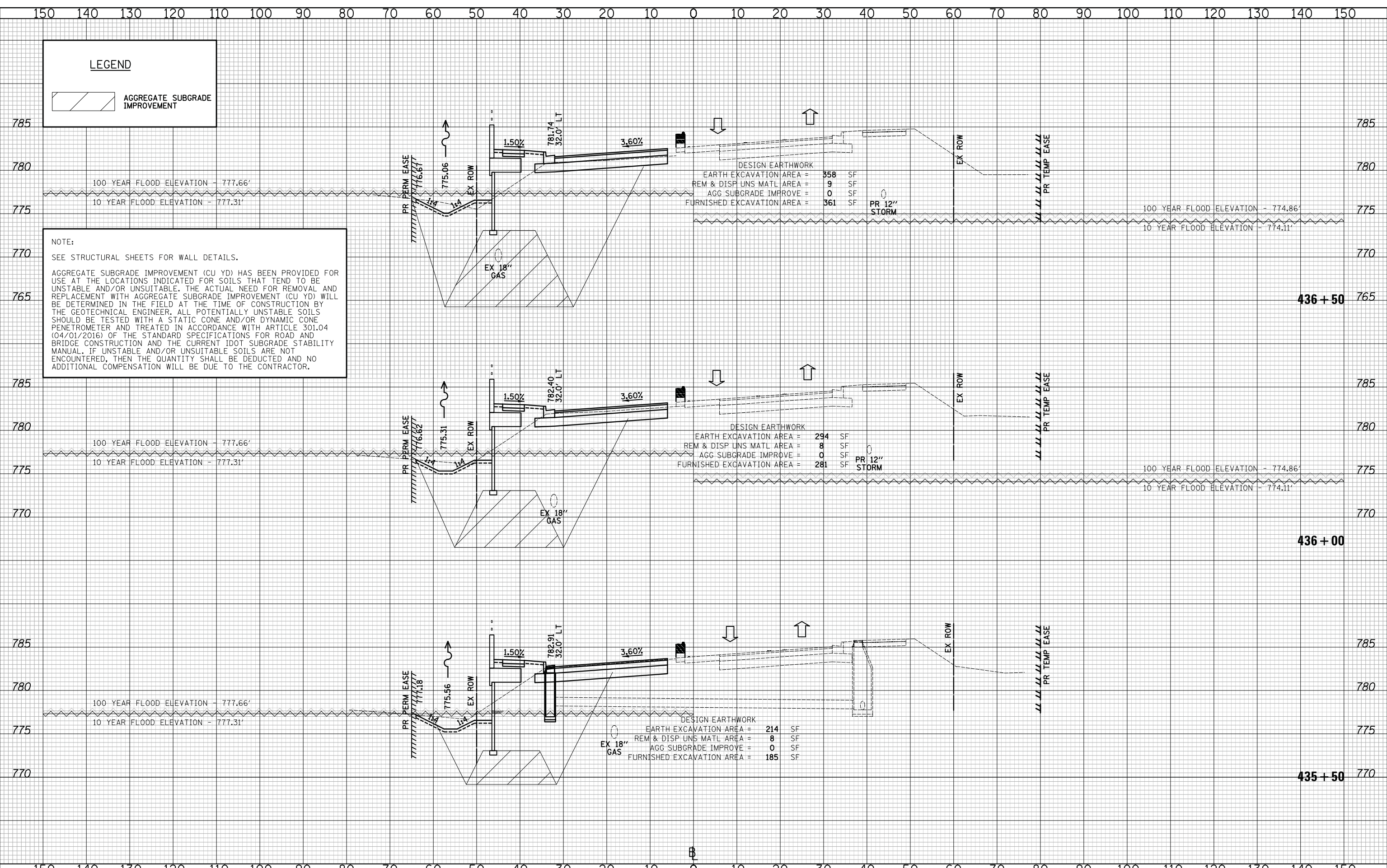
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LEGEND

 AGGREGATE SUBGRADE IMPROVEMENT

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CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 21 OF 89 SHEETS STA. 435+50 TO STA. 436+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	514
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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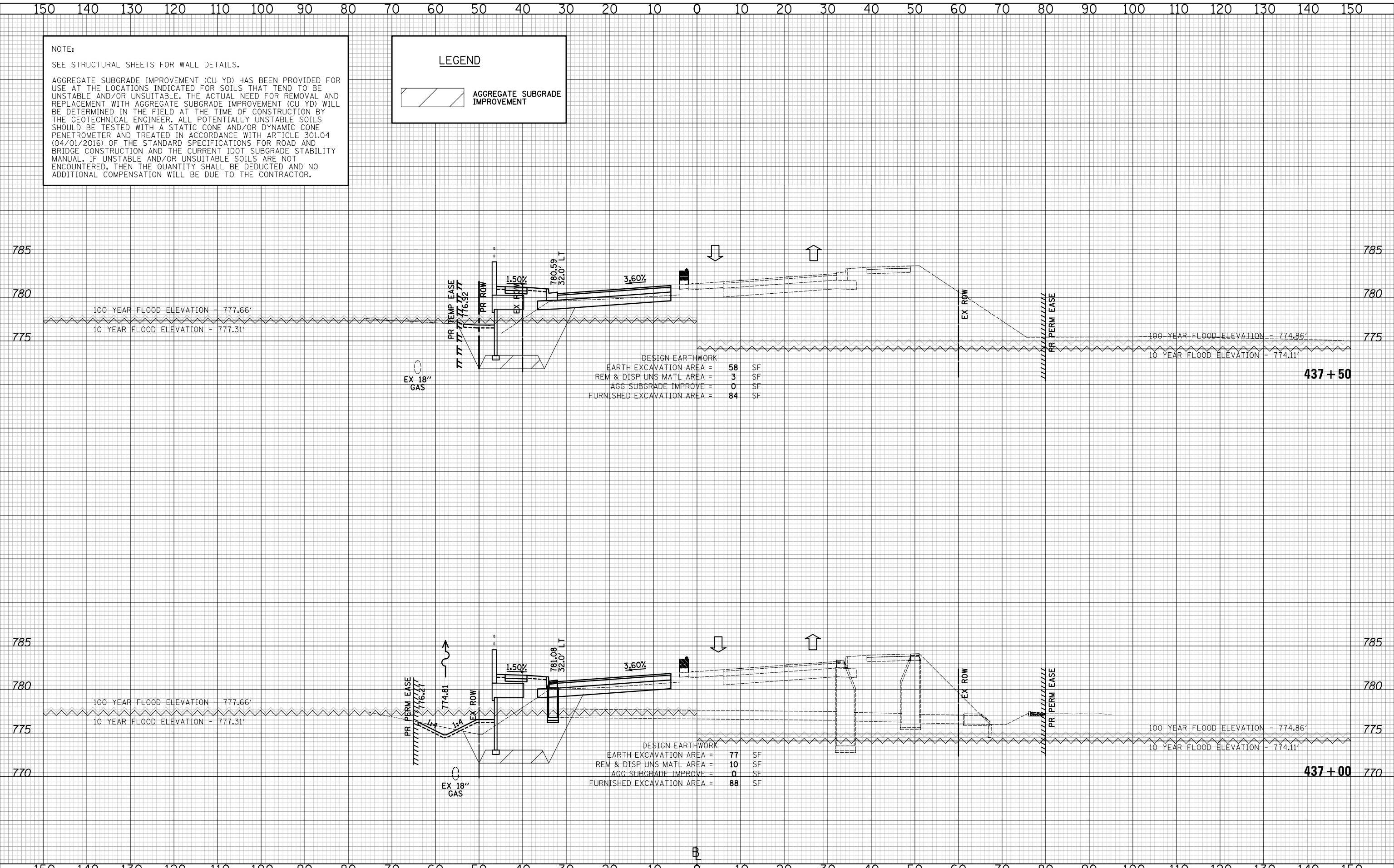
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NOTE:
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



DESIGN EARTHWORK

EARTH EXCAVATION AREA =	58	SF
REM & DISP UNS MATL AREA =	3	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	84	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	77	SF
REM & DISP UNS MATL AREA =	10	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	88	SF

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DATE - 3/12/2018	REVISED -

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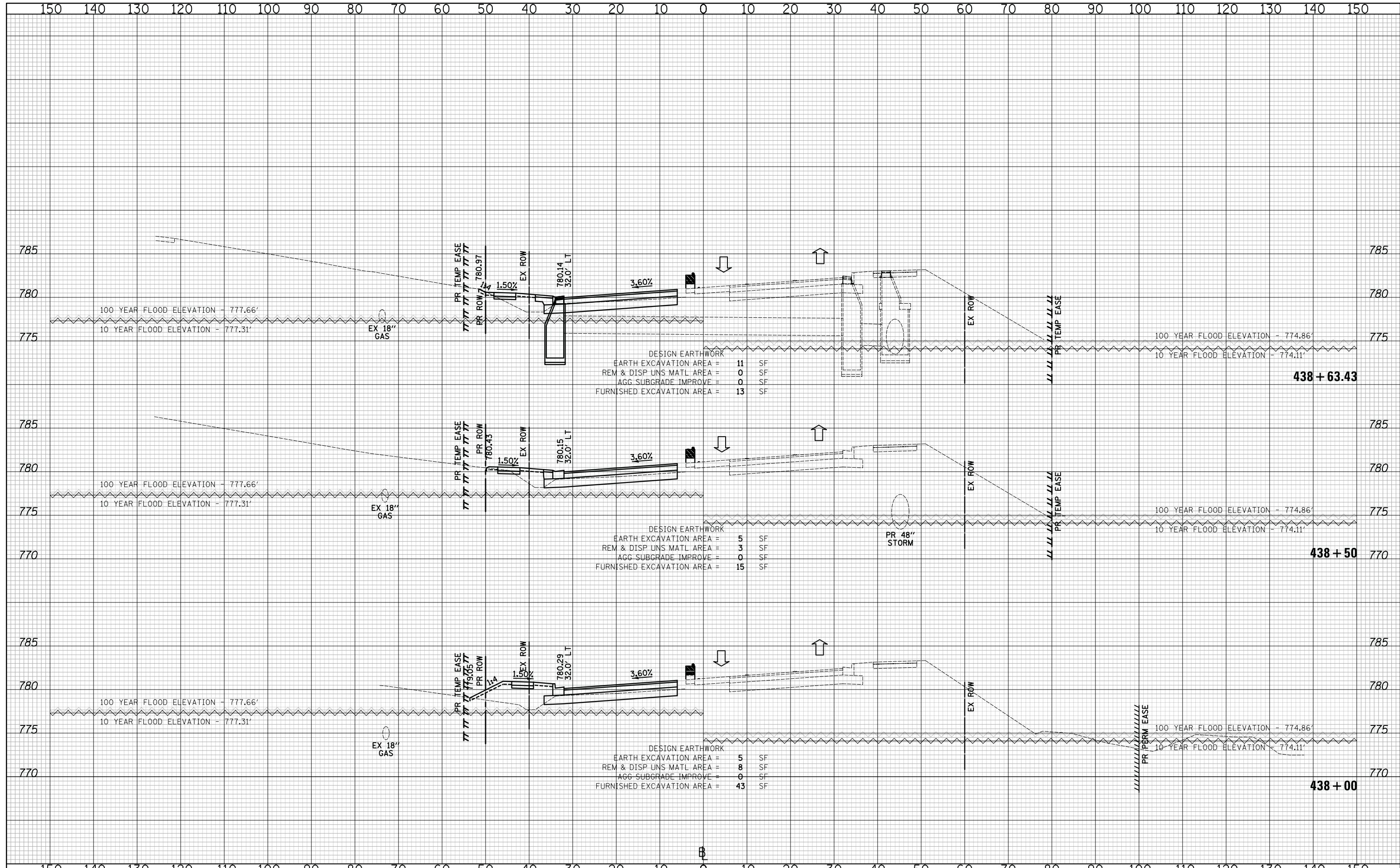
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 22 OF 89 SHEETS STA. 437+00 TO STA. 437+54.22

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	515
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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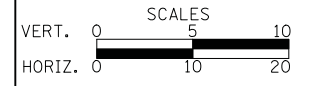
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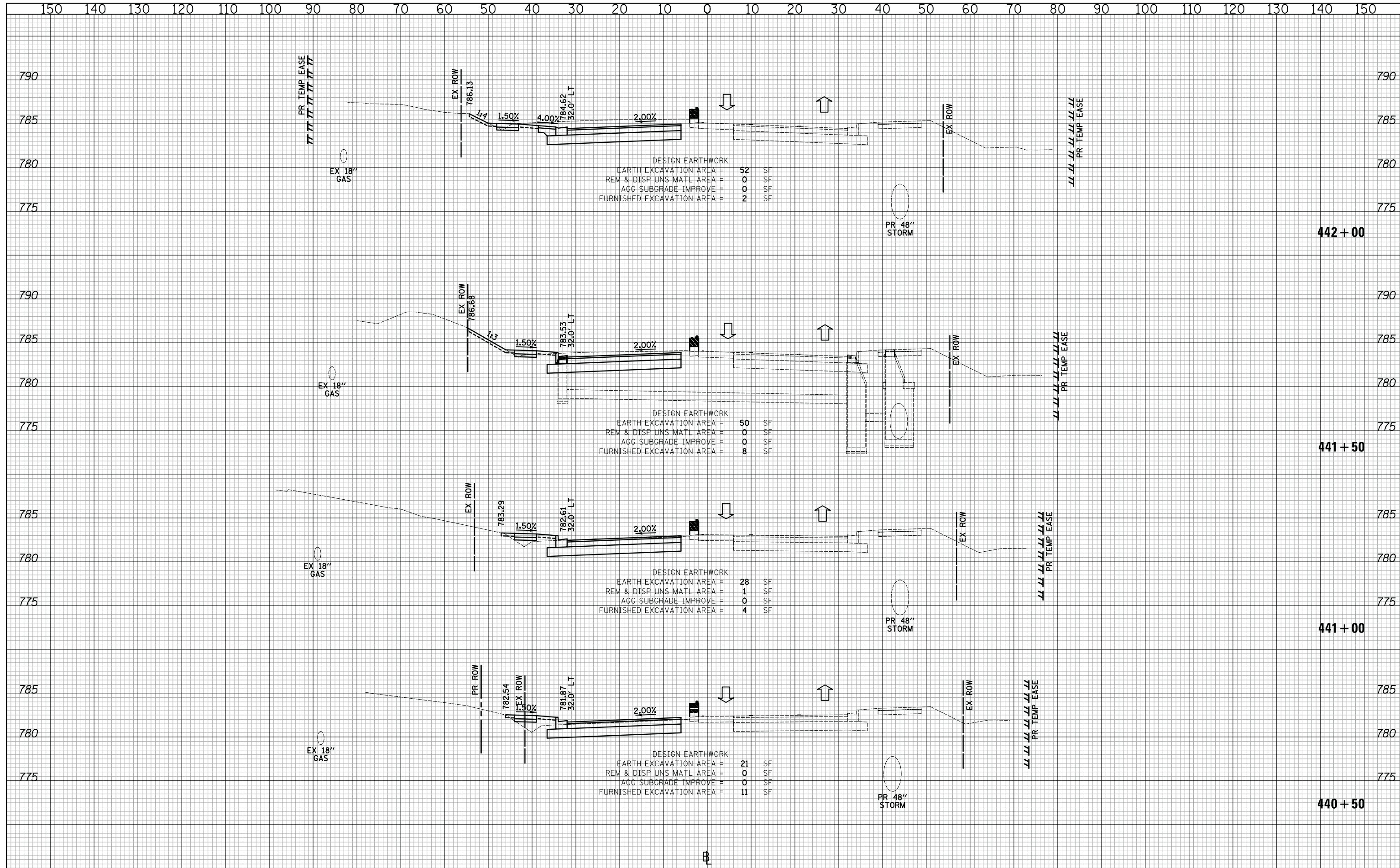
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 23 OF 89 SHEETS STA. 438+00 TO STA. 438+63.43

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	516
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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TEMPLATE	
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NO.	



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	52	SF
REM & DISP UNS MATL AREA	=	0	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	2	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	50	SF
REM & DISP UNS MATL AREA	=	0	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	8	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	28	SF
REM & DISP UNS MATL AREA	=	1	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	4	SF

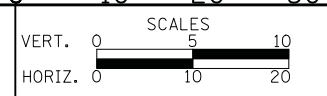
DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	21	SF
REM & DISP UNS MATL AREA	=	0	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	11	SF

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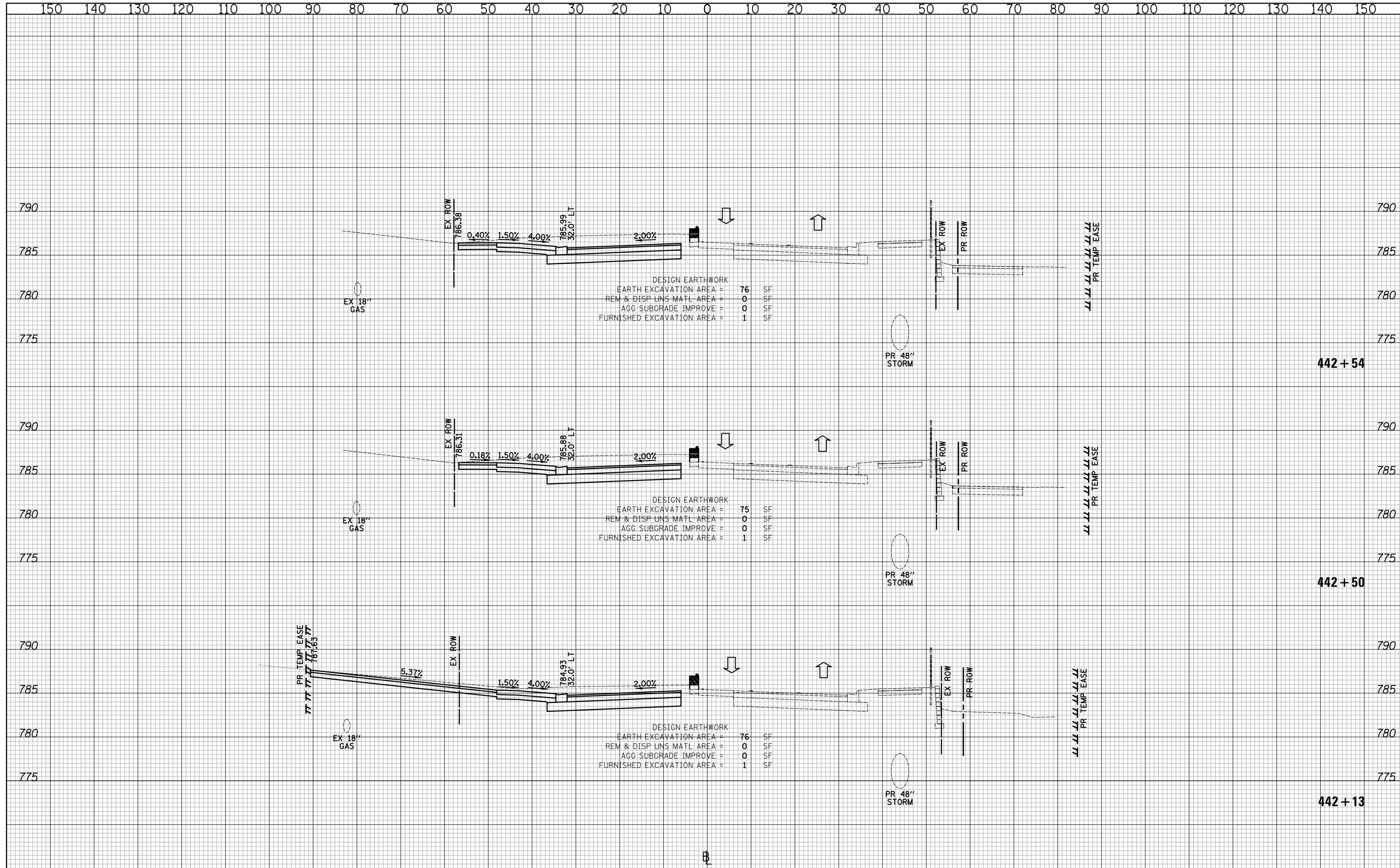
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 25 OF 89 SHEETS STA. 440+50 TO STA. 442+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	518
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	76	SF
REM & DISP UNS MATL AREA =	0	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	1	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	75	SF
REM & DISP UNS MATL AREA =	0	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	1	SF

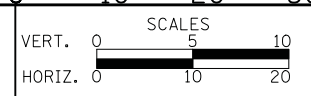
DESIGN EARTHWORK

EARTH EXCAVATION AREA =	76	SF
REM & DISP UNS MATL AREA =	0	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	1	SF

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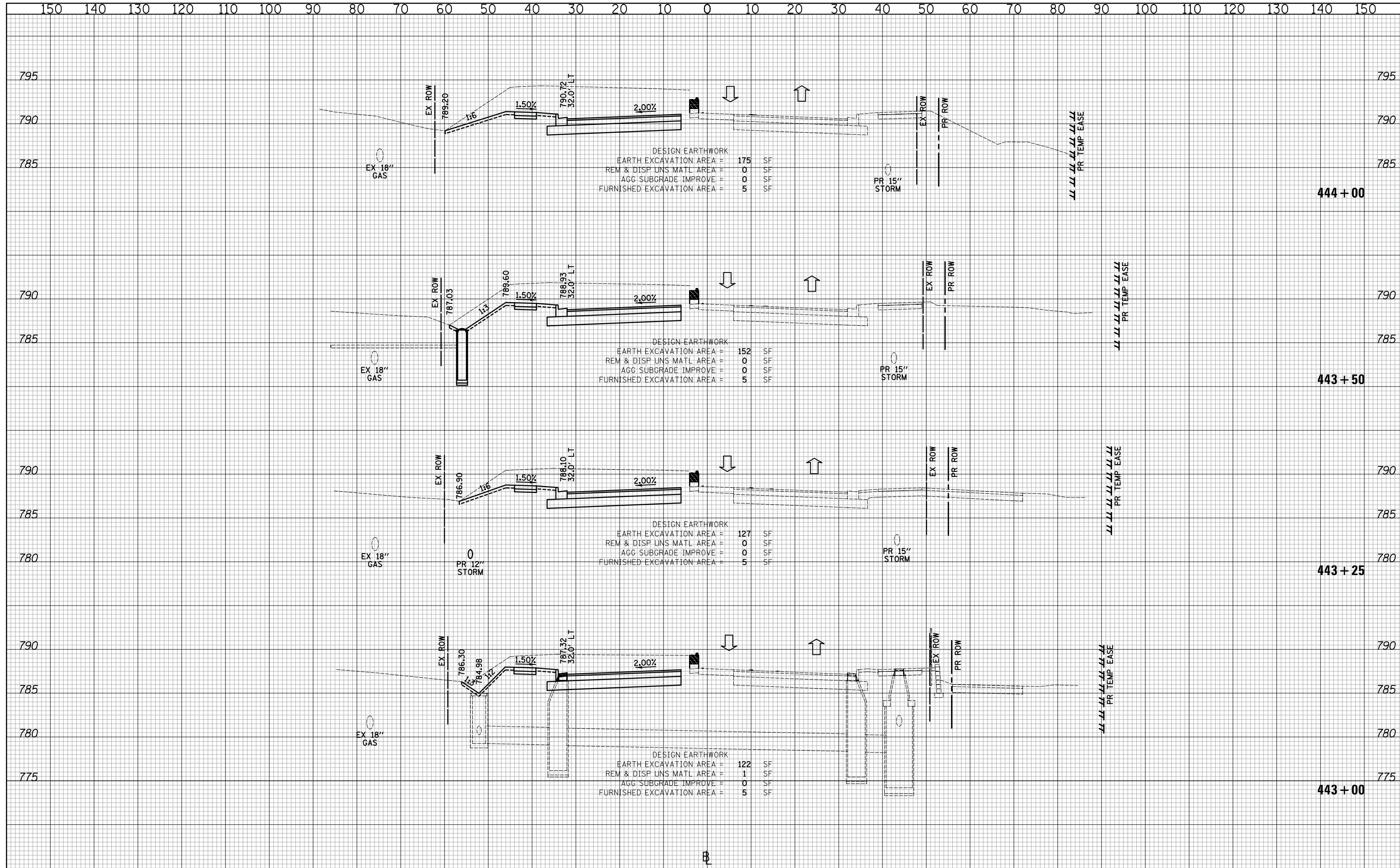
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 26 OF 89 SHEETS STA. 442+13 TO STA. 442+54

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	519
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

DATE	
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DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 175 SF
 REM & DISP UNS MATL AREA = 0 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 152 SF
 REM & DISP UNS MATL AREA = 0 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 127 SF
 REM & DISP UNS MATL AREA = 0 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 122 SF
 REM & DISP UNS MATL AREA = 1 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 5 SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

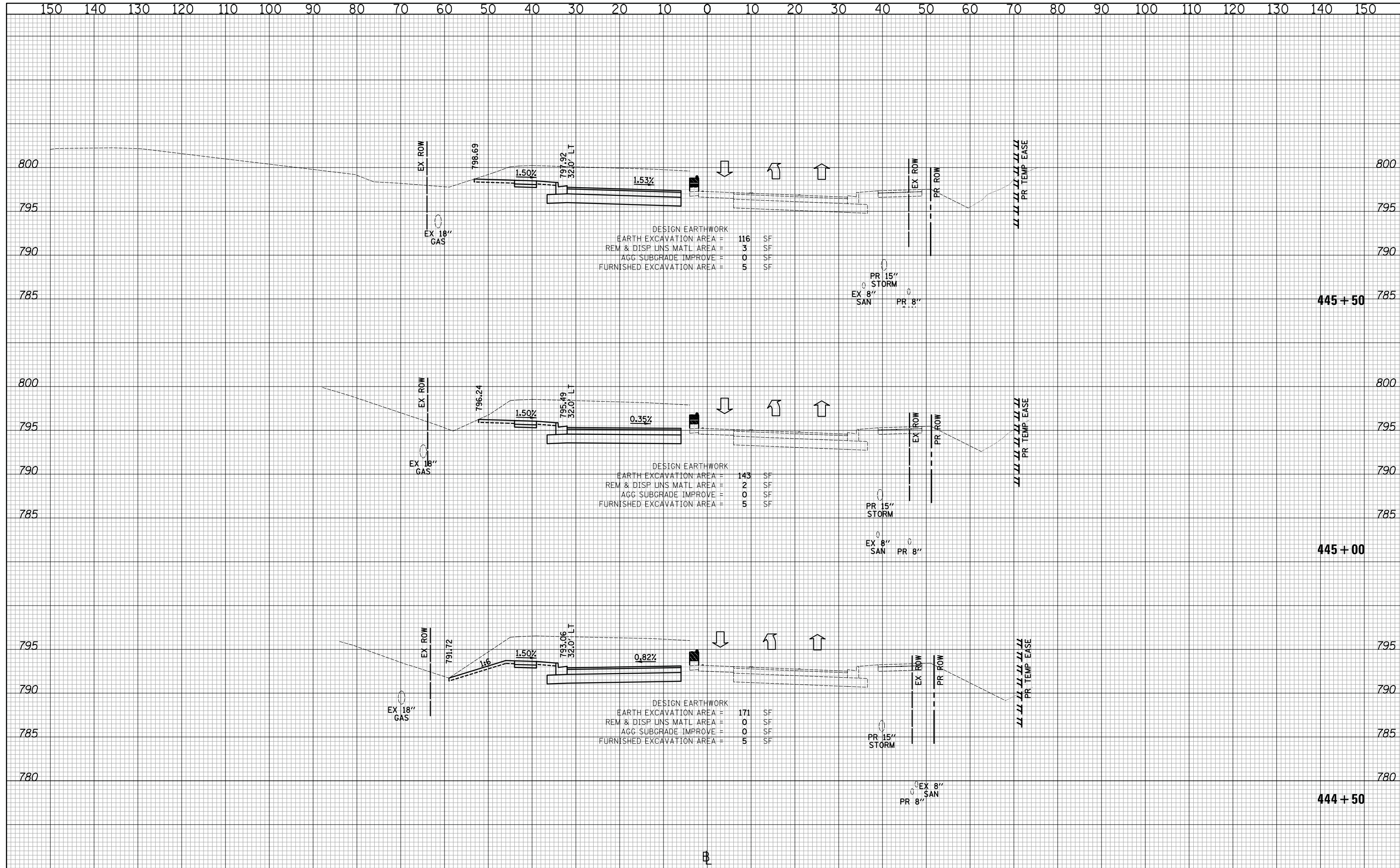
SHEET NO. 27 OF 89 SHEETS STA. 443+00 TO STA. 444+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	520
				CONTRACT NO. 61E22

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

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DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 116 SF
 REM & DISP UNS MATL AREA = 3 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 143 SF
 REM & DISP UNS MATL AREA = 2 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 171 SF
 REM & DISP UNS MATL AREA = 0 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 5 SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

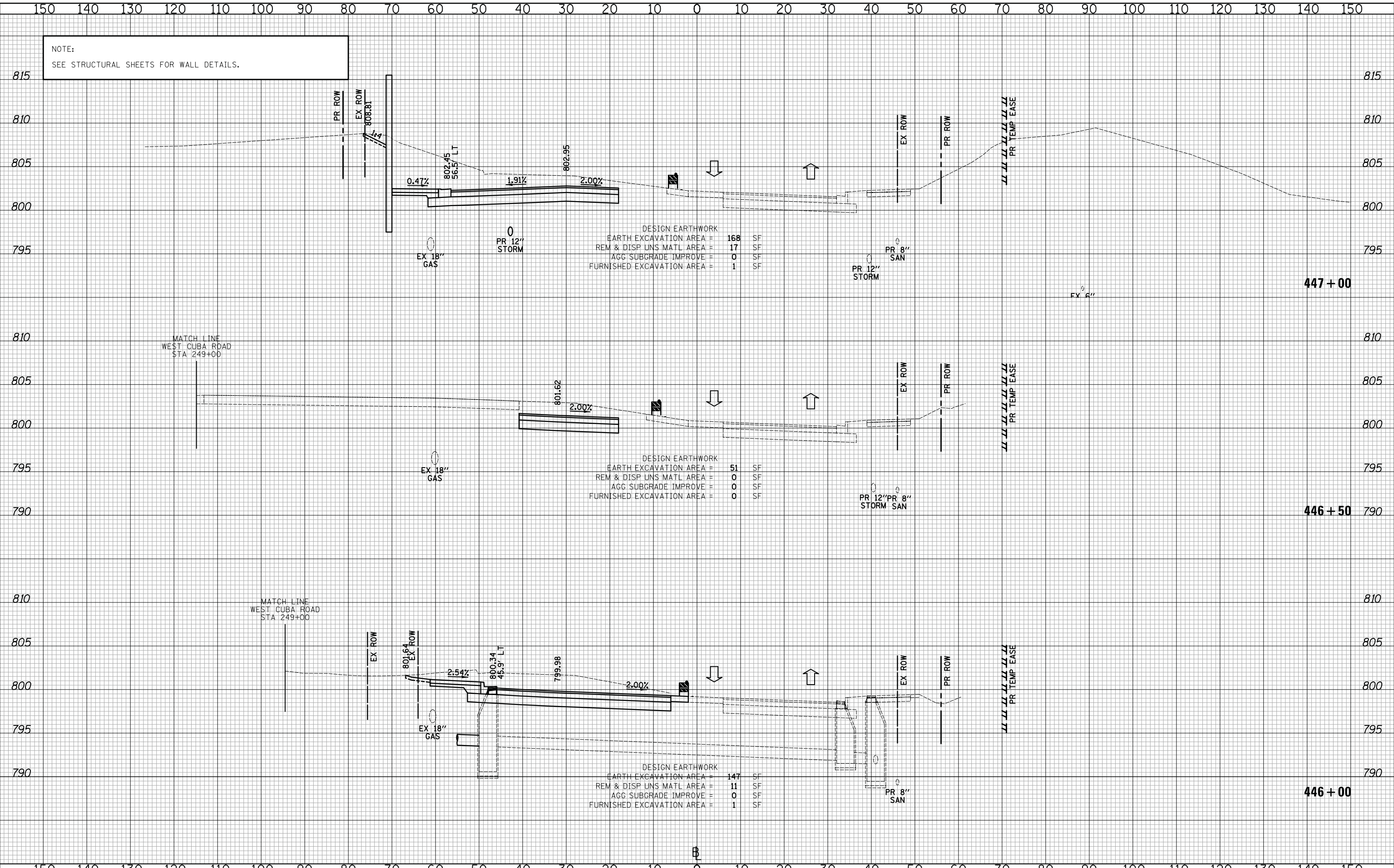
SHEET NO. 28 OF 89 SHEETS STA. 444+50 TO STA. 445+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	521
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	168	SF
REM & DISP UNS MATL AREA	=	17	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	1	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	51	SF
REM & DISP UNS MATL AREA	=	0	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	0	SF

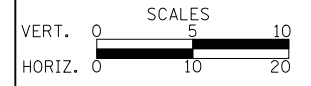
DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	147	SF
REM & DISP UNS MATL AREA	=	11	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	1	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 29 OF 89 SHEETS STA. 446+00 TO STA. 447+00

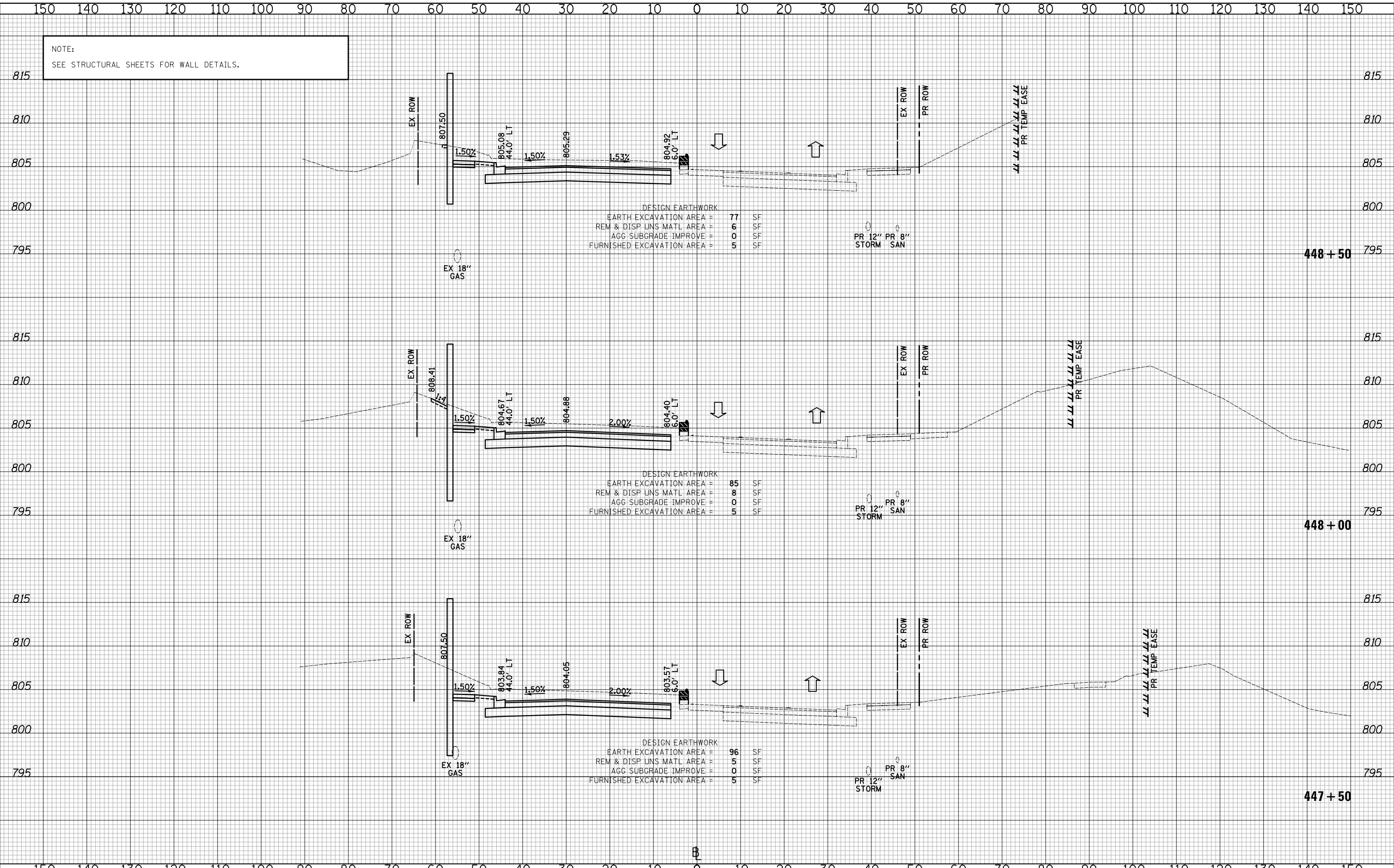
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	522
CONTRACT NO. 61E22				

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

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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CROSS SECTIONS STAGE II - QUENTIN ROAD

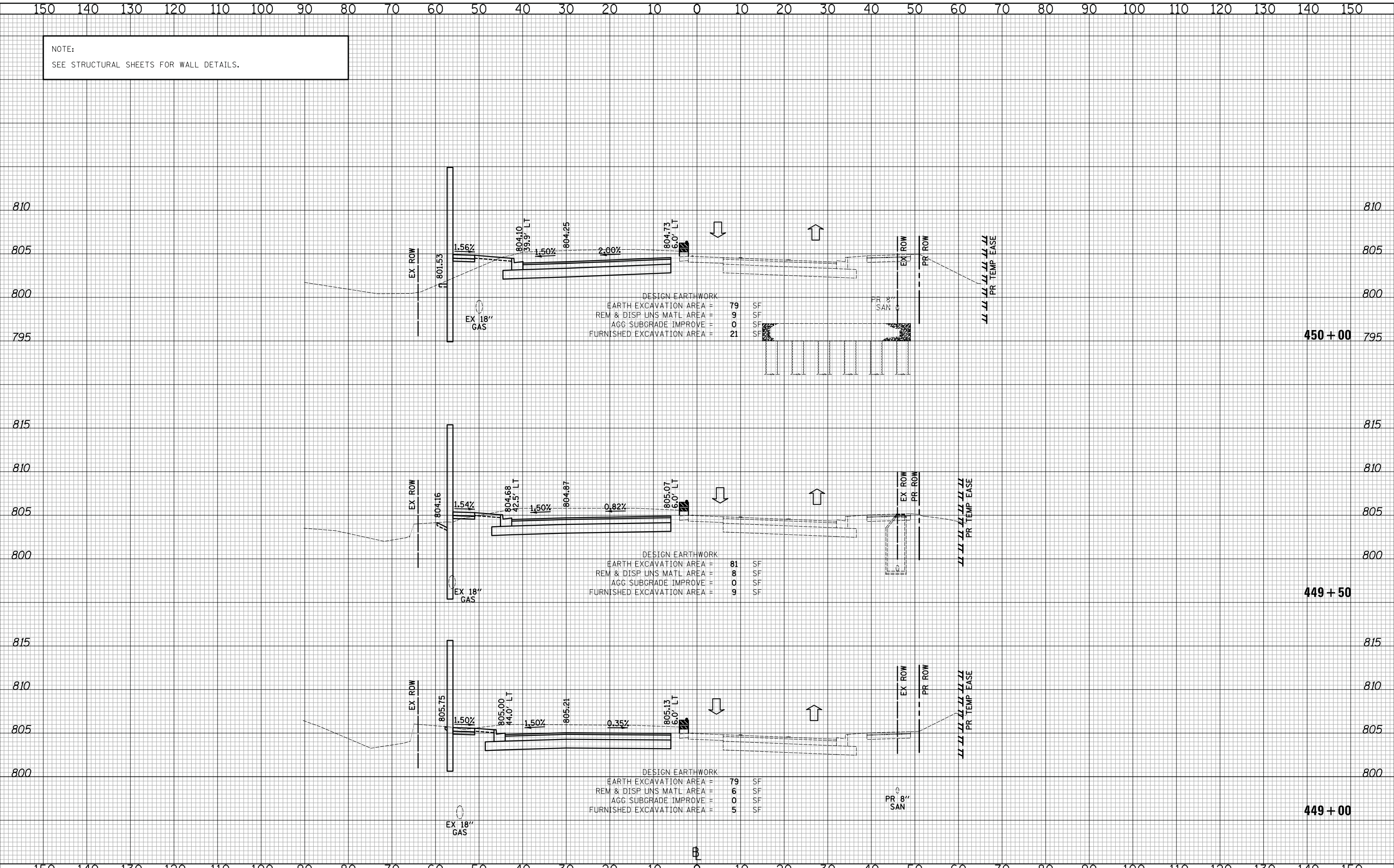
SHEET NO. 30 OF 89 SHEETS STA. 447+50 TO STA. 448+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	523
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	79	SF
REM & DISP UNS MATL AREA =	9	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	21	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	81	SF
REM & DISP UNS MATL AREA =	8	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	9	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	79	SF
REM & DISP UNS MATL AREA =	6	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	5	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

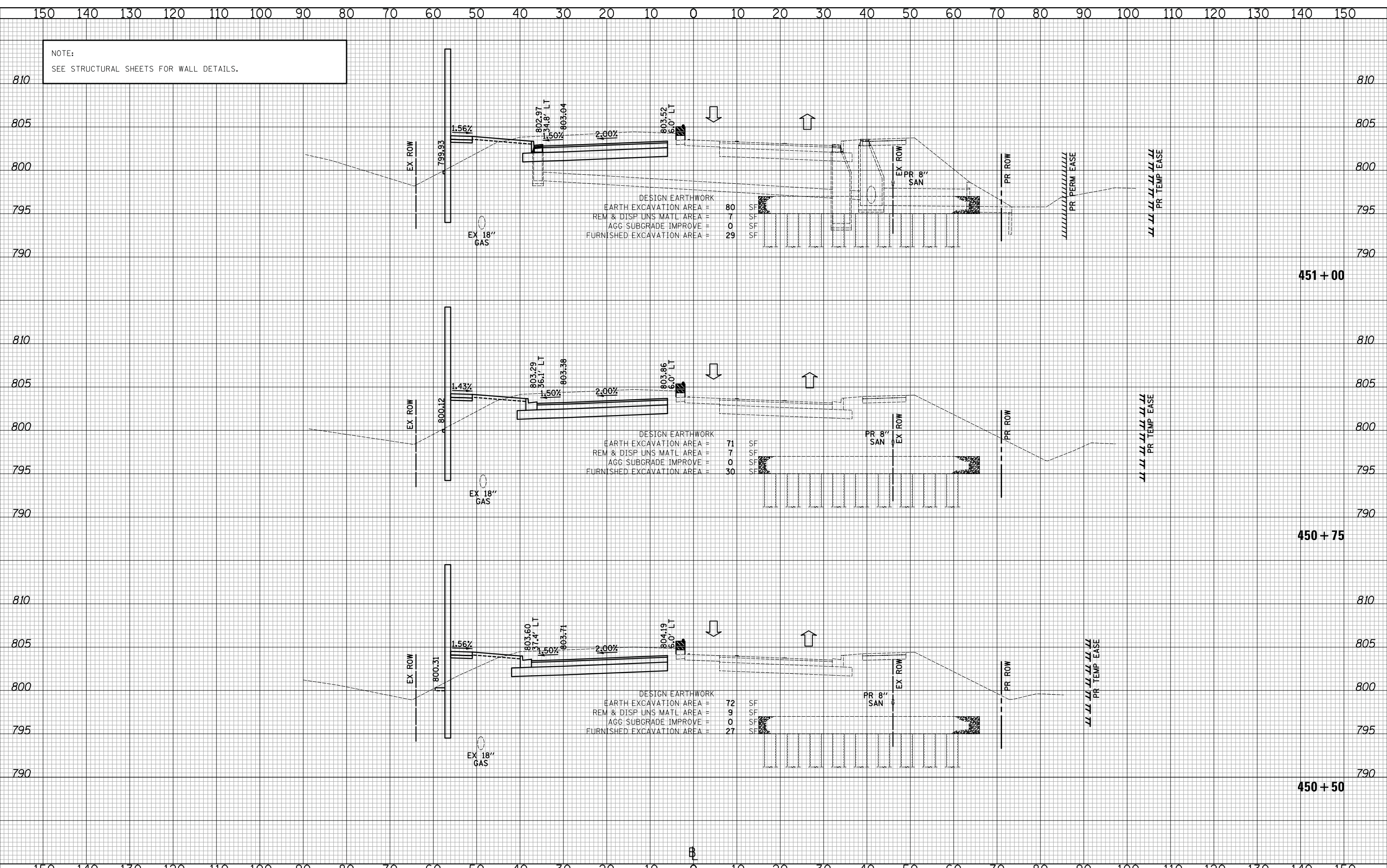
SHEET NO. 31 OF 89 SHEETS STA. 449+00 TO STA. 450+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	524
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
NOTE BOOK	
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NOTE:
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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	80	SF
REM & DISP UNS MATL AREA =	7	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	29	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	71	SF
REM & DISP UNS MATL AREA =	7	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	30	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	72	SF
REM & DISP UNS MATL AREA =	9	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	27	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

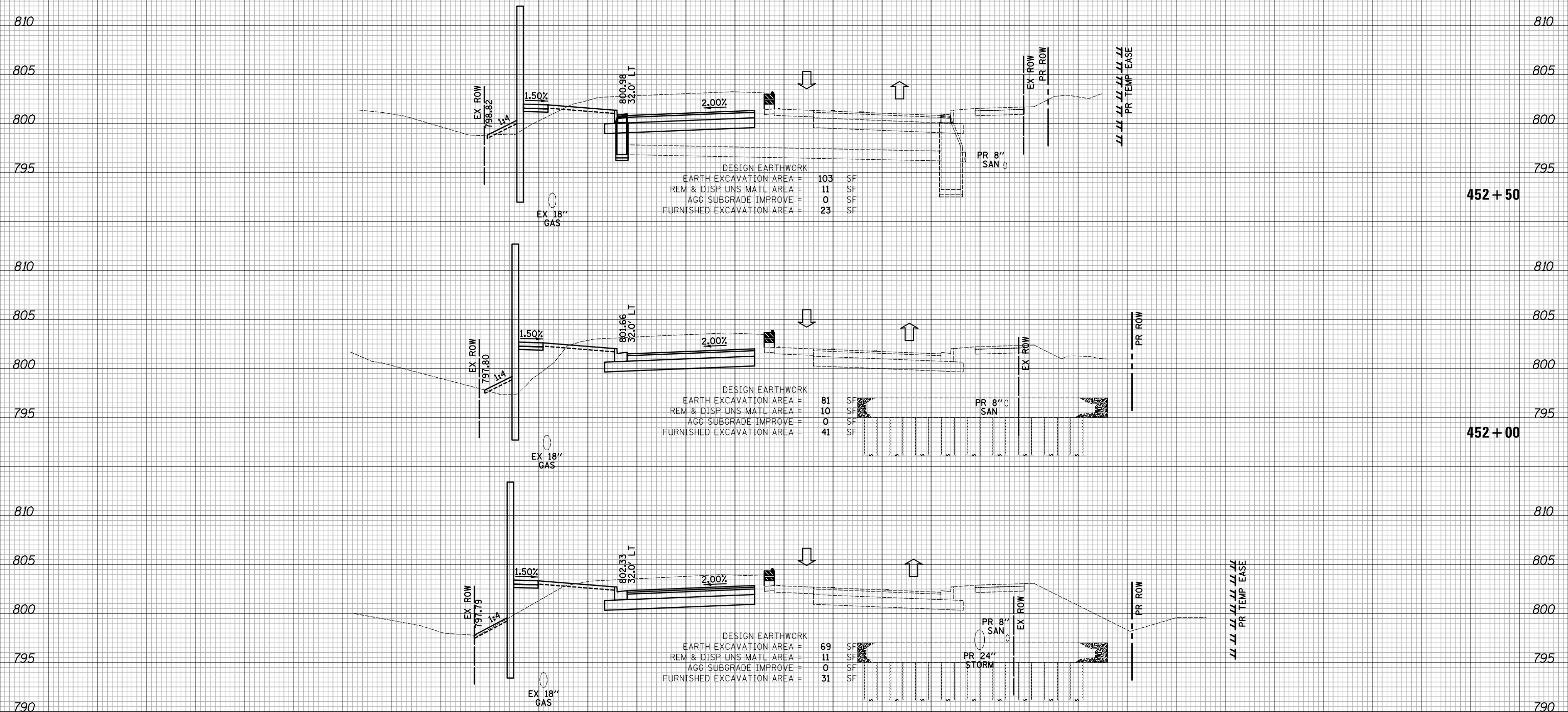
SHEET NO. 32 OF 89 SHEETS STA. 450+50 TO STA. 451+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	525
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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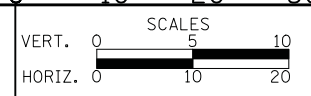
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ORIGINAL SURVEY	
NOTE BOOK	
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CROSS SECTIONS STAGE II - QUENTIN ROAD

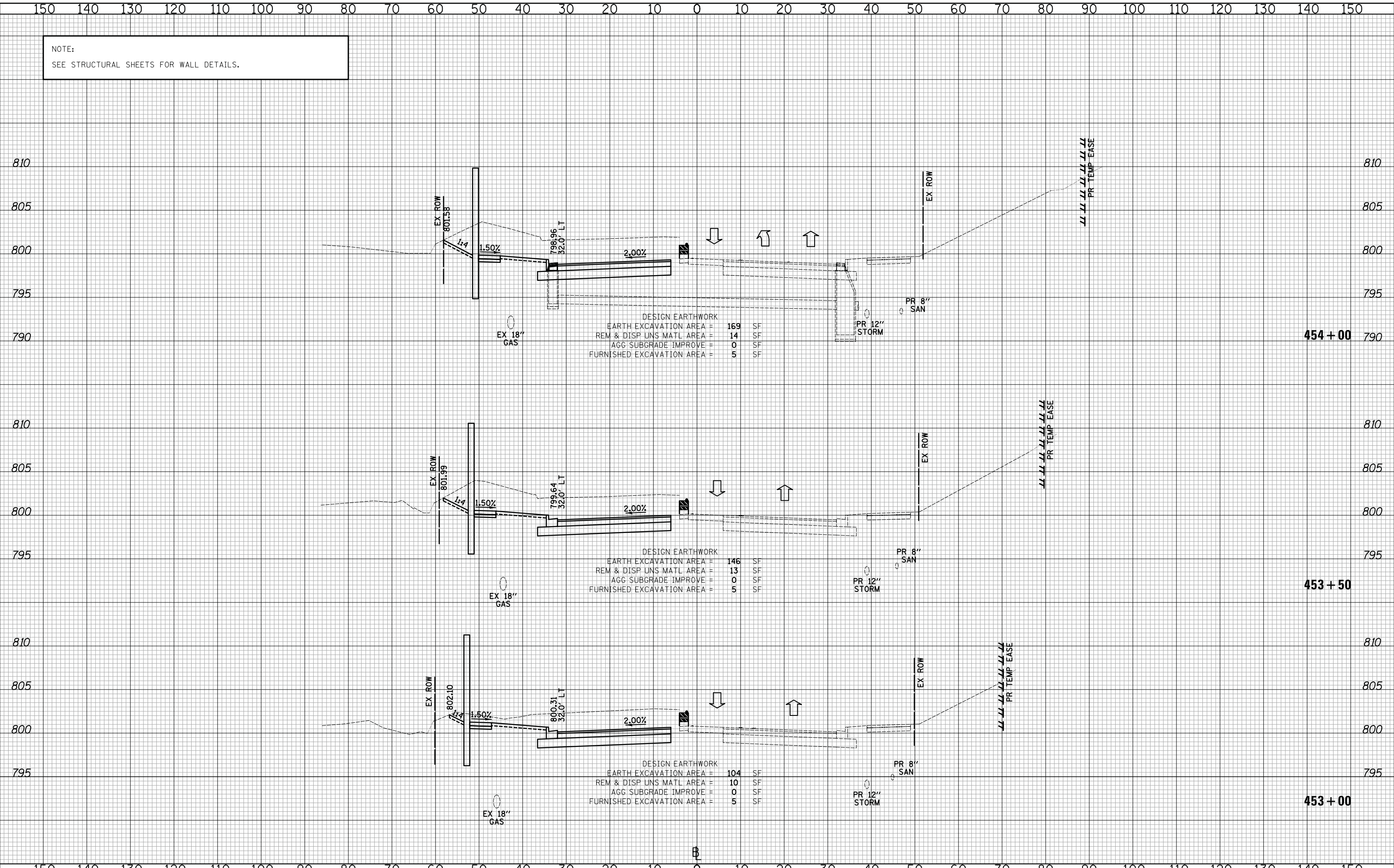
SHEET NO. 33 OF 89 SHEETS STA. 451+50 TO STA. 452+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	526
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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DESIGN EARTHWORK

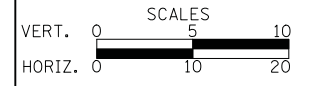
EARTH EXCAVATION AREA	=	169	SF
REM & DISP UNS MATL AREA	=	14	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	5	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	146	SF
REM & DISP UNS MATL AREA	=	13	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	5	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	104	SF
REM & DISP UNS MATL AREA	=	10	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	5	SF



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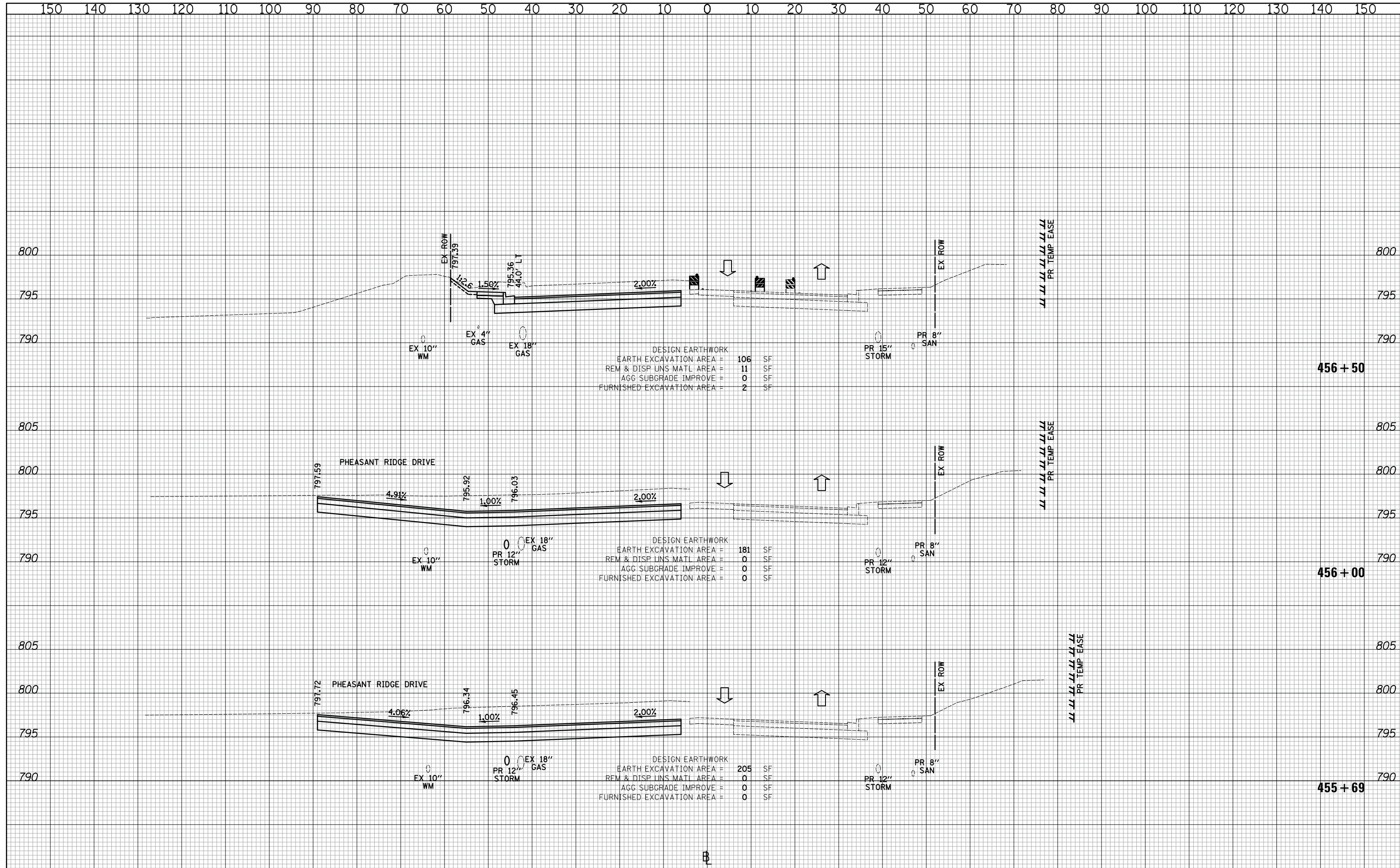
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 34 OF 89 SHEETS STA. 453+00 TO STA. 454+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	527
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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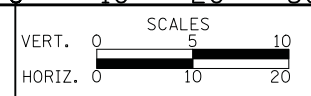
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CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 36 OF 89 SHEETS STA. 455+69 TO STA. 456+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	529
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

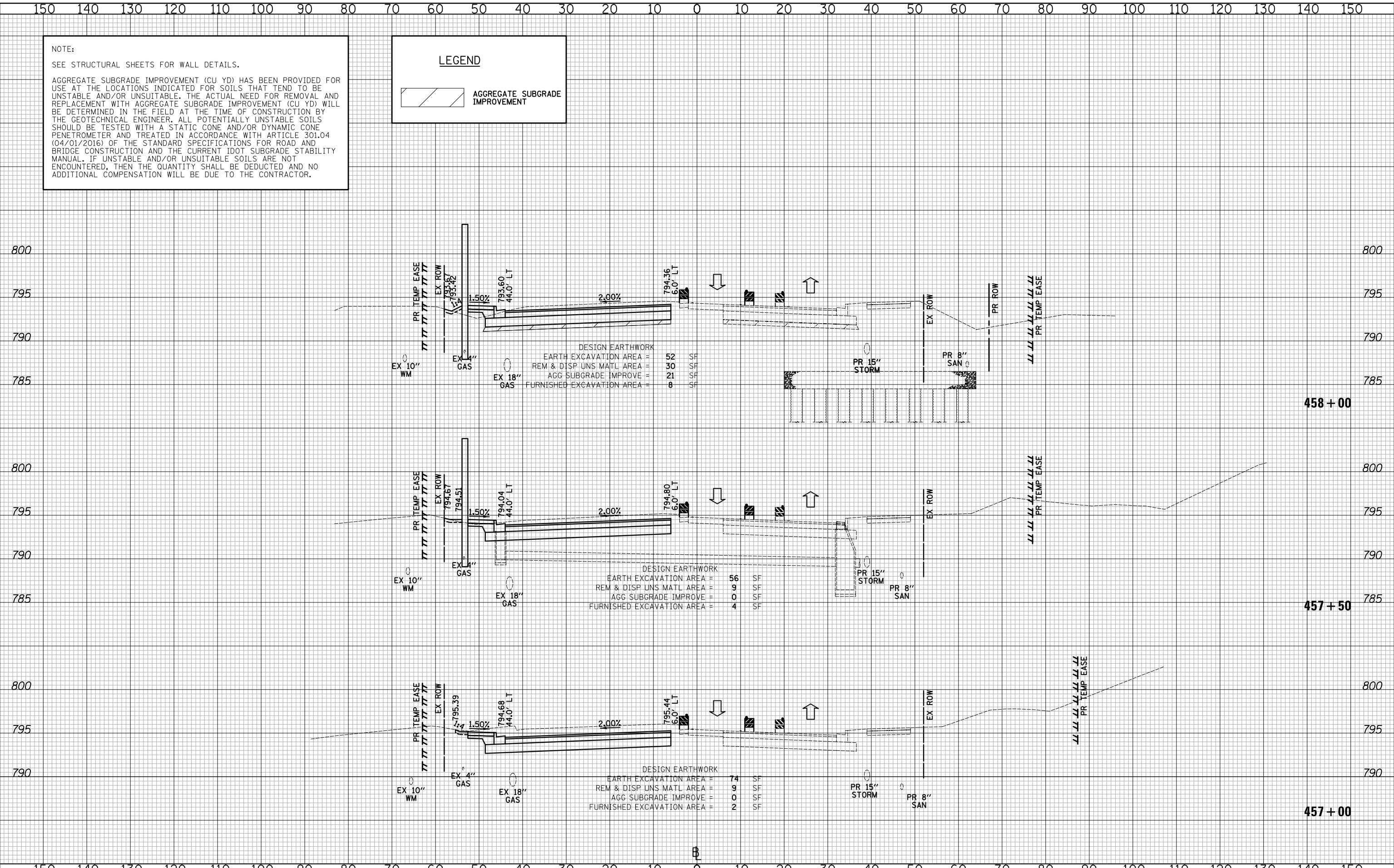
AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

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

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



DESIGN EARTHWORK

EARTH EXCAVATION AREA =	52	SF
REM & DISP UNS MATL AREA =	30	SF
AGG SUBGRADE IMPROVE =	21	SF
FURNISHED EXCAVATION AREA =	8	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	56	SF
REM & DISP UNS MATL AREA =	9	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	4	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	74	SF
REM & DISP UNS MATL AREA =	9	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	2	SF

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DRAWN - JRR	REVISED -
CHECKED - RTM	REVISED -
DATE - 11/13/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 37 OF 89 SHEETS STA. 457+00 TO STA. 458+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	530
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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TEMPLATE	
AREAS	
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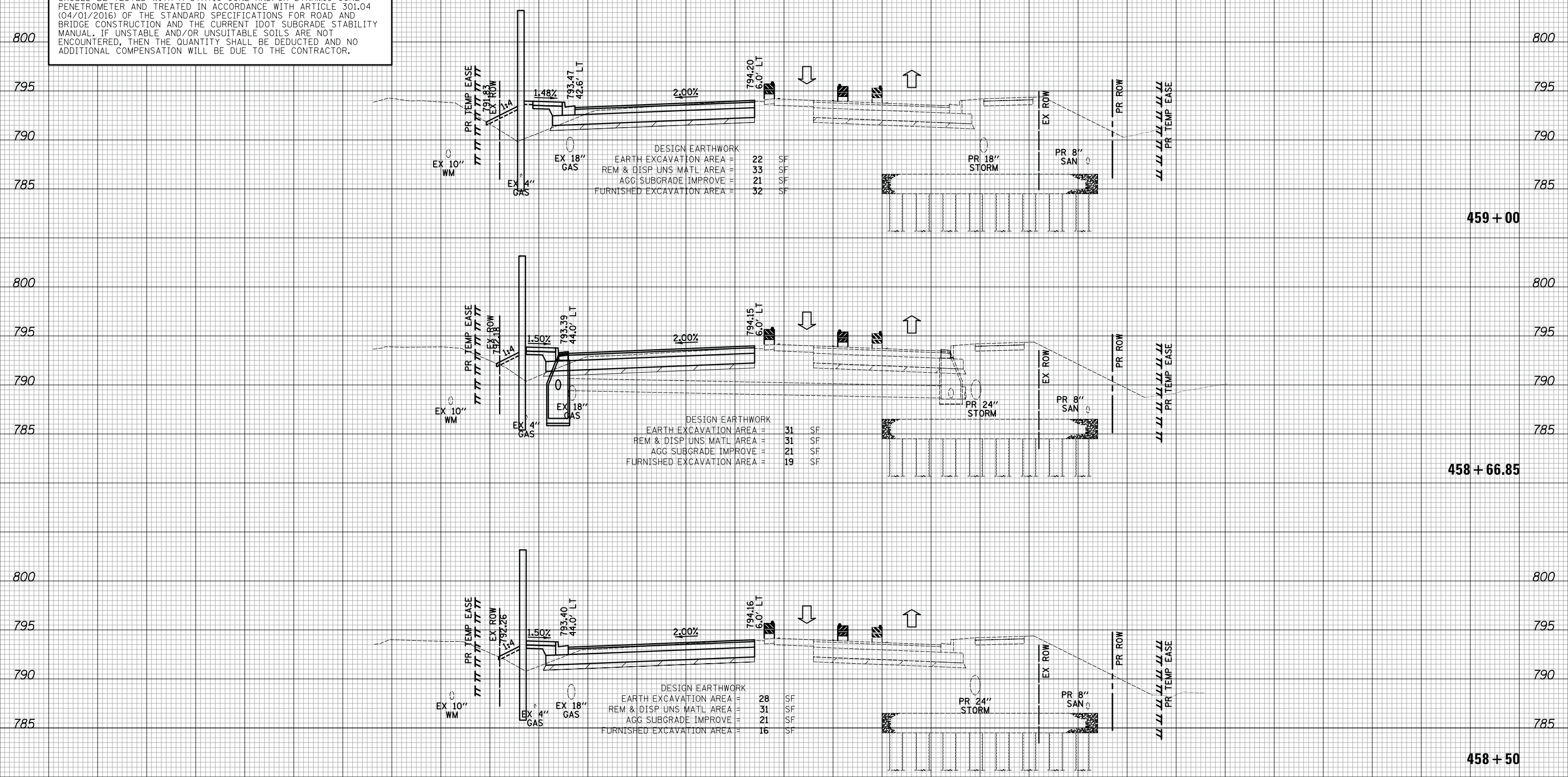
DATE	
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AREAS	
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NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



DESIGN EARTHWORK

EARTH EXCAVATION AREA =	22	SF
REM & DISP UNS MATL AREA =	33	SF
AGG SUBGRADE IMPROVE =	21	SF
FURNISHED EXCAVATION AREA =	32	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	31	SF
REM & DISP UNS MATL AREA =	31	SF
AGG SUBGRADE IMPROVE =	21	SF
FURNISHED EXCAVATION AREA =	19	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	28	SF
REM & DISP UNS MATL AREA =	31	SF
AGG SUBGRADE IMPROVE =	21	SF
FURNISHED EXCAVATION AREA =	16	SF

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DATE - 11/13/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 38 OF 89 SHEETS STA. 458+50 TO STA. 459+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	531
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

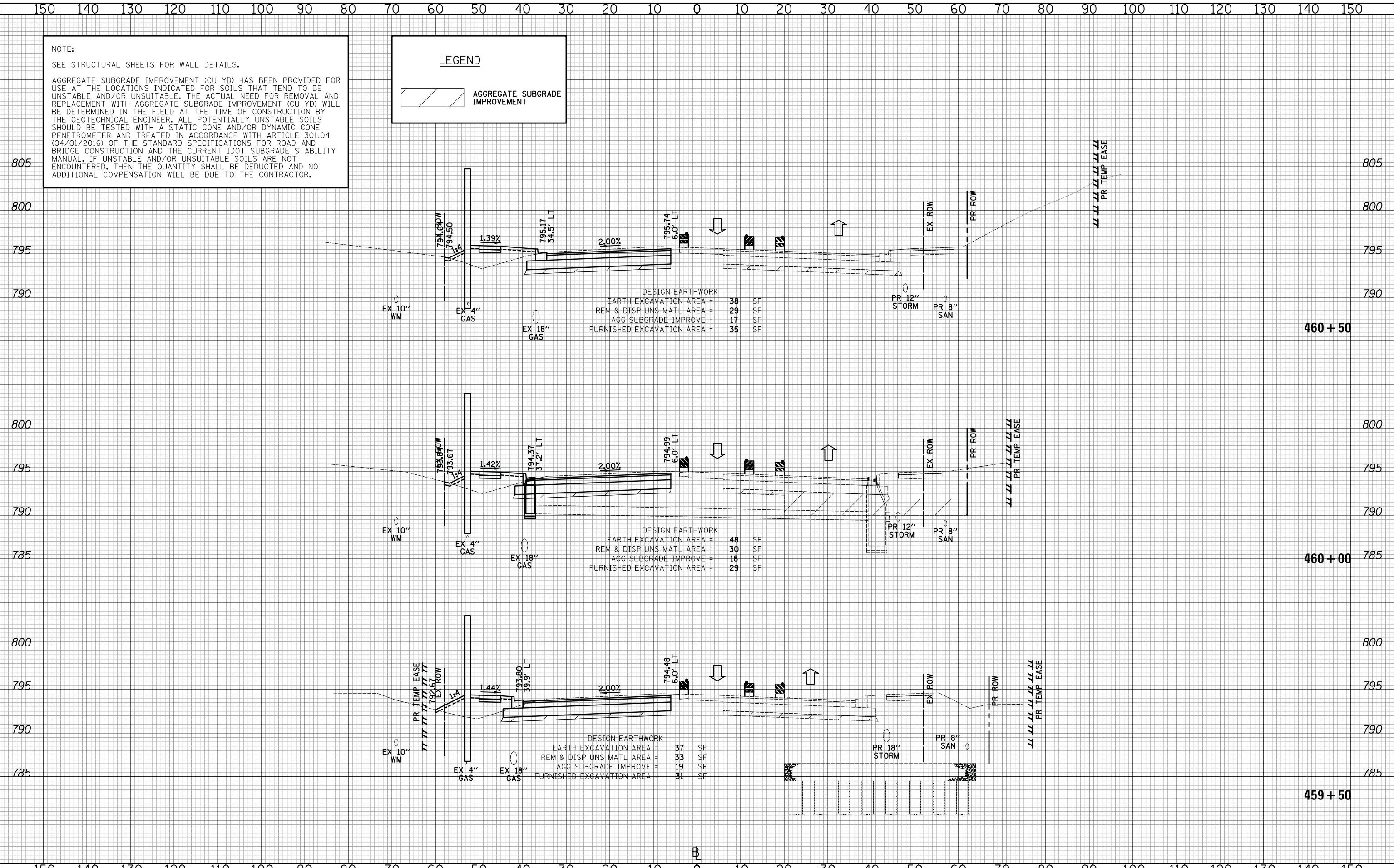
AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	38	SF
REM & DISP UNS MATL AREA =	29	SF
AGG SUBGRADE IMPROVE =	17	SF
FURNISHED EXCAVATION AREA =	35	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	48	SF
REM & DISP UNS MATL AREA =	30	SF
AGG SUBGRADE IMPROVE =	18	SF
FURNISHED EXCAVATION AREA =	29	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	37	SF
REM & DISP UNS MATL AREA =	33	SF
AGG SUBGRADE IMPROVE =	19	SF
FURNISHED EXCAVATION AREA =	31	SF

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DATE - 11/13/2017	REVISED -

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CROSS SECTIONS STAGE II - QUENTIN ROAD

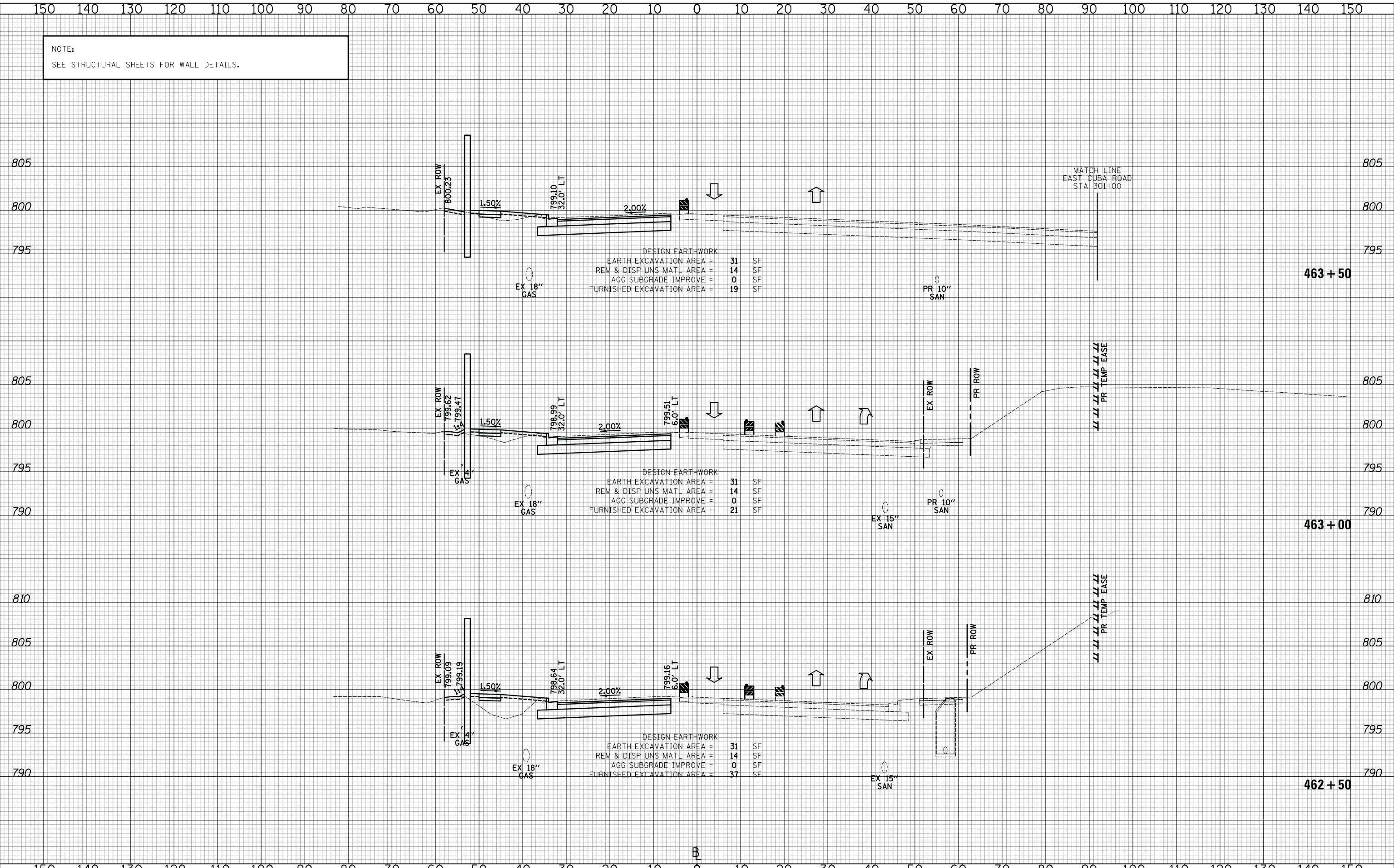
SHEET NO. 39 OF 89 SHEETS STA. 459+50 TO STA. 460+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	532
				CONTRACT NO. 61E22
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 =	31	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	19	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	31	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	21	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	31	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	37	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

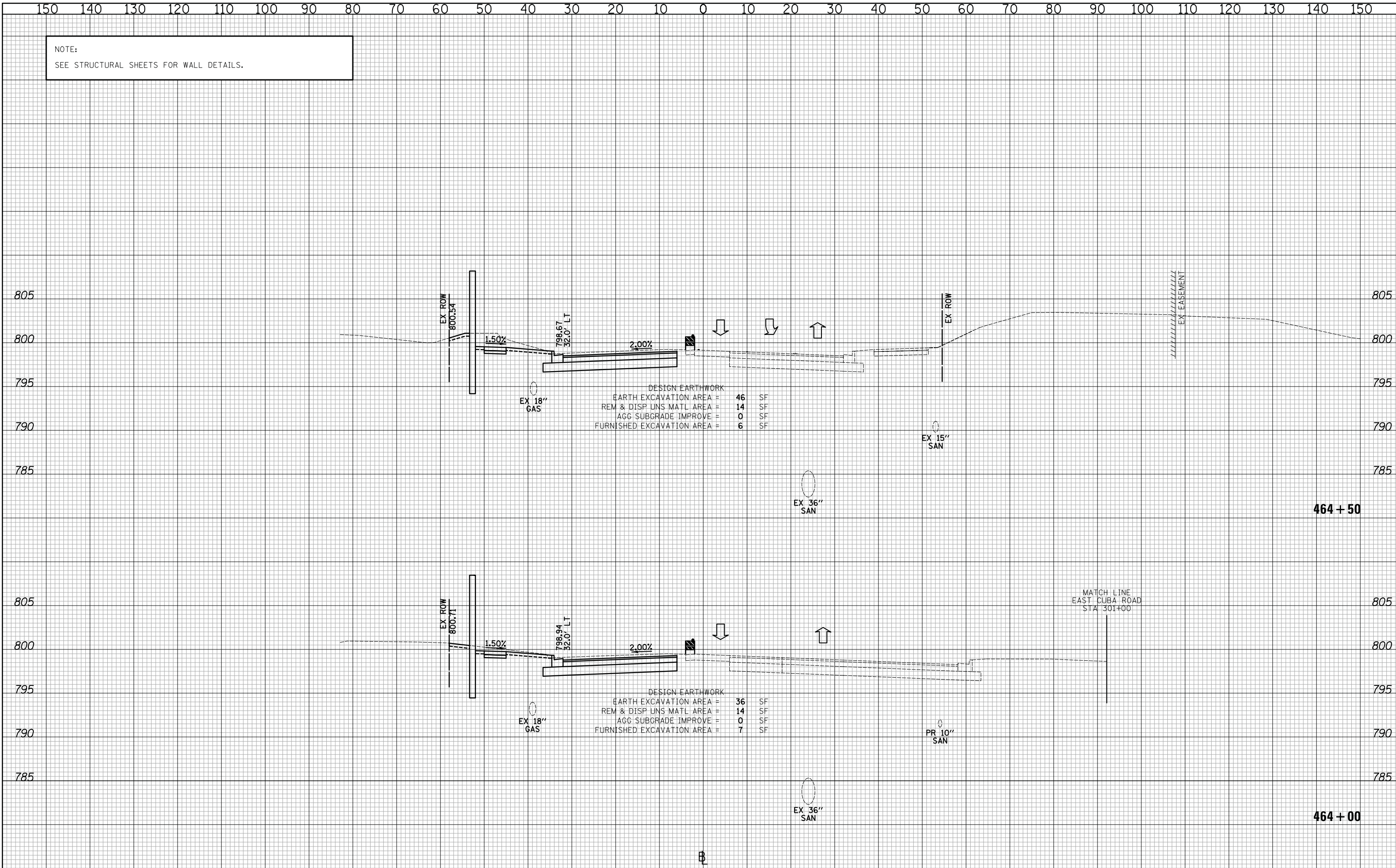
SHEET NO. 41 OF 89 SHEETS STA. 462+50 TO STA. 463+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	534
CONTRACT NO. 61E22			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	46	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	6	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	36	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	7	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

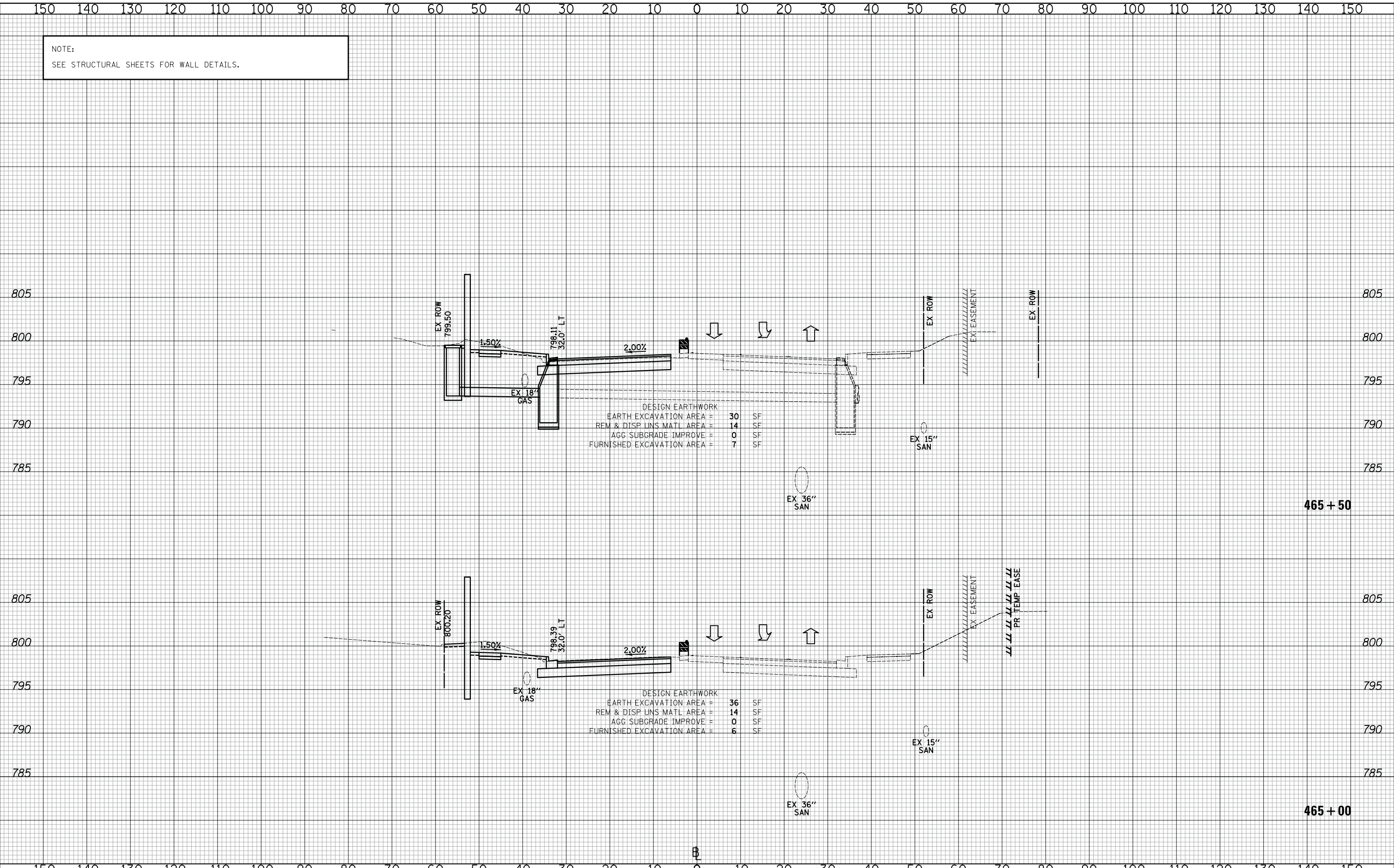
SHEET NO. 42 OF 89 SHEETS STA. 464+00 TO STA. 464+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	535
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NO.	

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SURVEYED	
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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NO.	



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DATE - 11/13/2017	REVISED -

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DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS STAGE II - QUENTIN ROAD

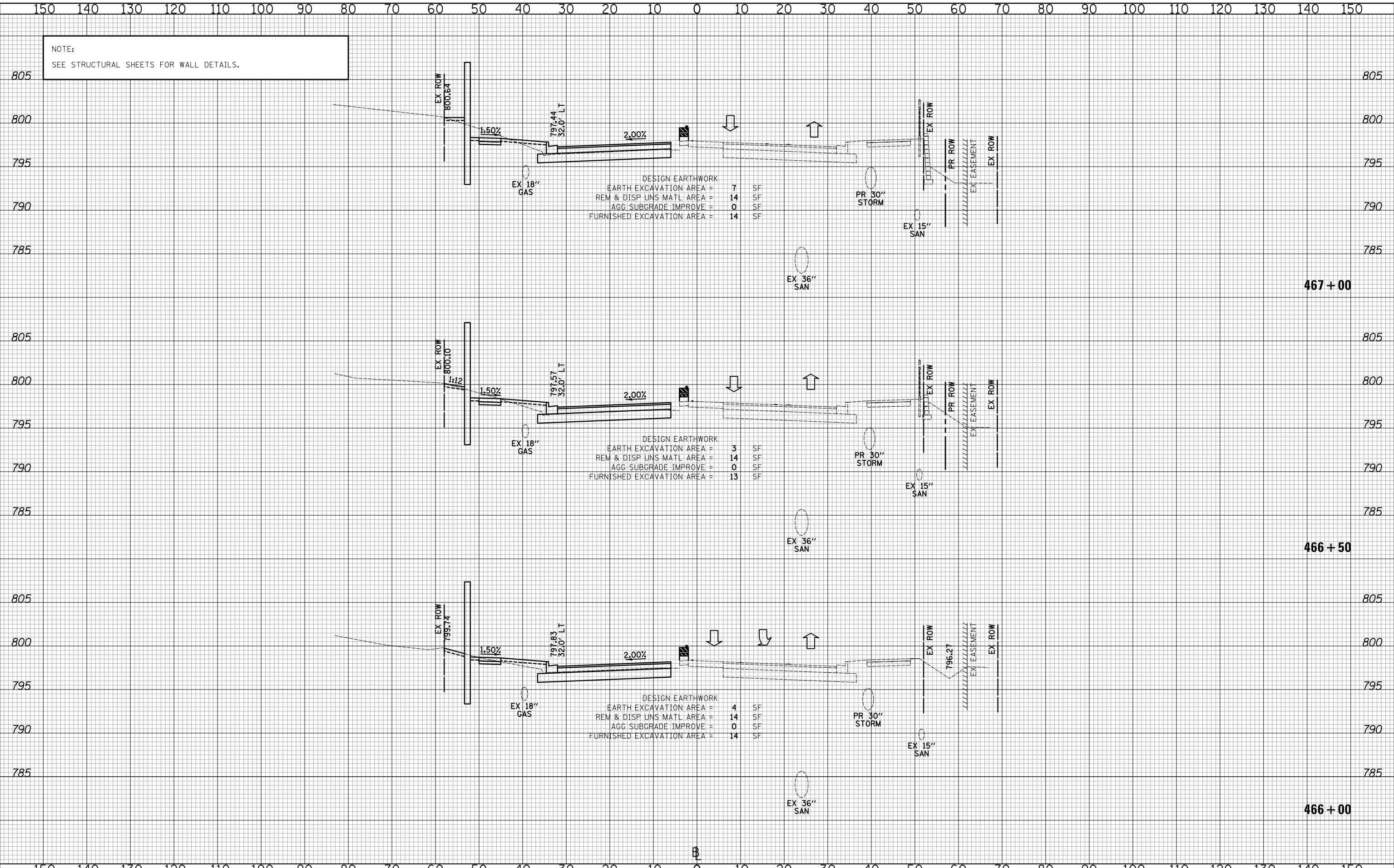
SHEET NO. 43 OF 89 SHEETS STA. 465+00 TO STA. 465+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	536
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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	
NO.	



DESIGN EARTHWORK

EARTH EXCAVATION AREA =	7	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	14	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	3	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	13	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	4	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	14	SF



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DATE - 11/13/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 44 OF 89 SHEETS STA. 466+00 TO STA. 467+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	537
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

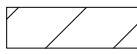
DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	NO.

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	NO.

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

 AGGREGATE SUBGRADE IMPROVEMENT

DESIGN EARTHWORK

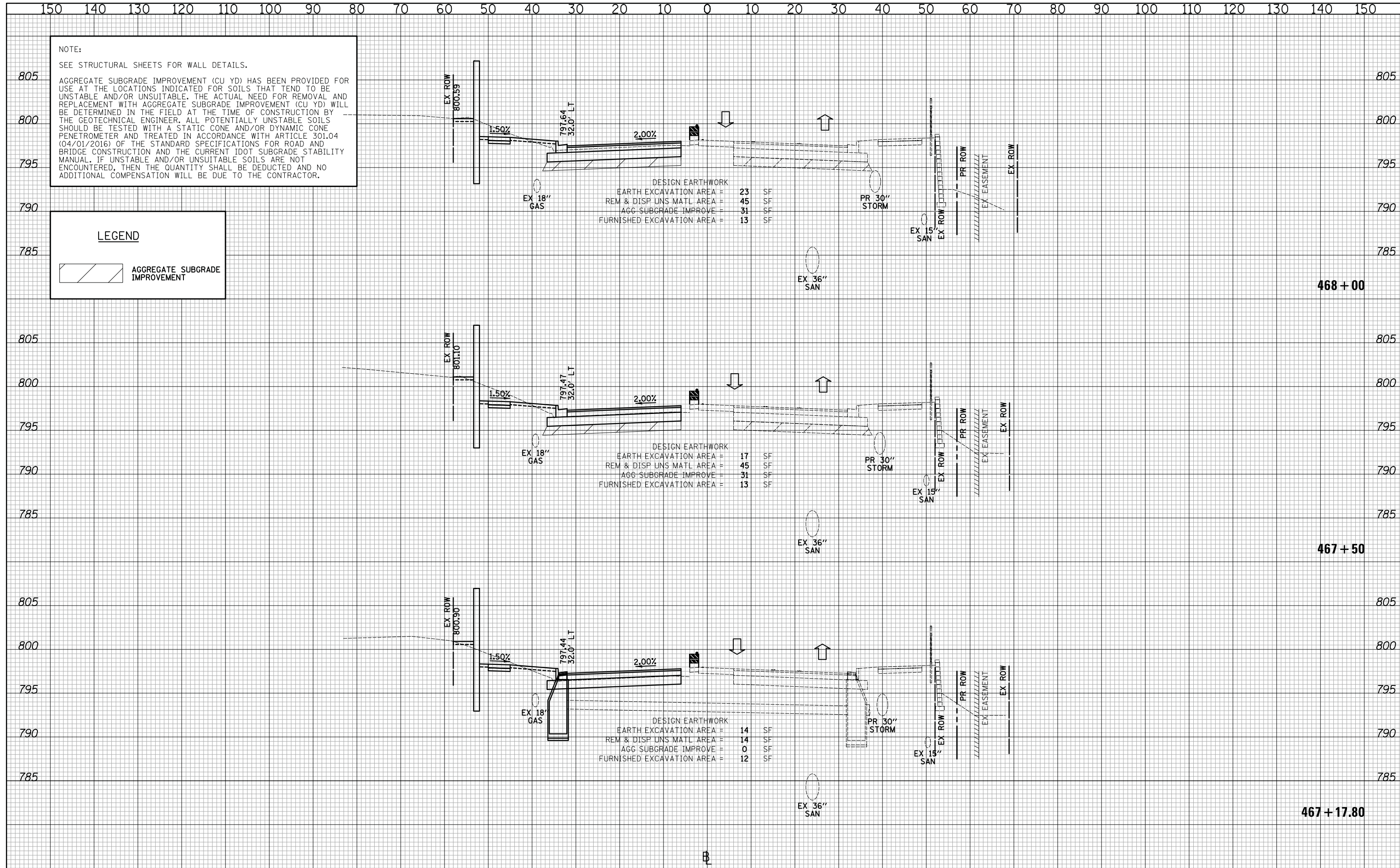
EARTH EXCAVATION AREA =	23	SF
REM & DISP UNS MATL AREA =	45	SF
AGG SUBGRADE IMPROVE =	31	SF
FURNISHED EXCAVATION AREA =	13	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	17	SF
REM & DISP UNS MATL AREA =	45	SF
AGG SUBGRADE IMPROVE =	31	SF
FURNISHED EXCAVATION AREA =	13	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	14	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	12	SF



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DATE - 1/25/2018	REVISED -

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CROSS SECTIONS STAGE II - QUENTIN ROAD

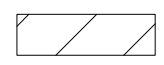
SHEET NO. 45 OF 89 SHEETS STA. 467+17.80 TO STA. 468+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	538
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

DATE	
BY	
SURVEYED	
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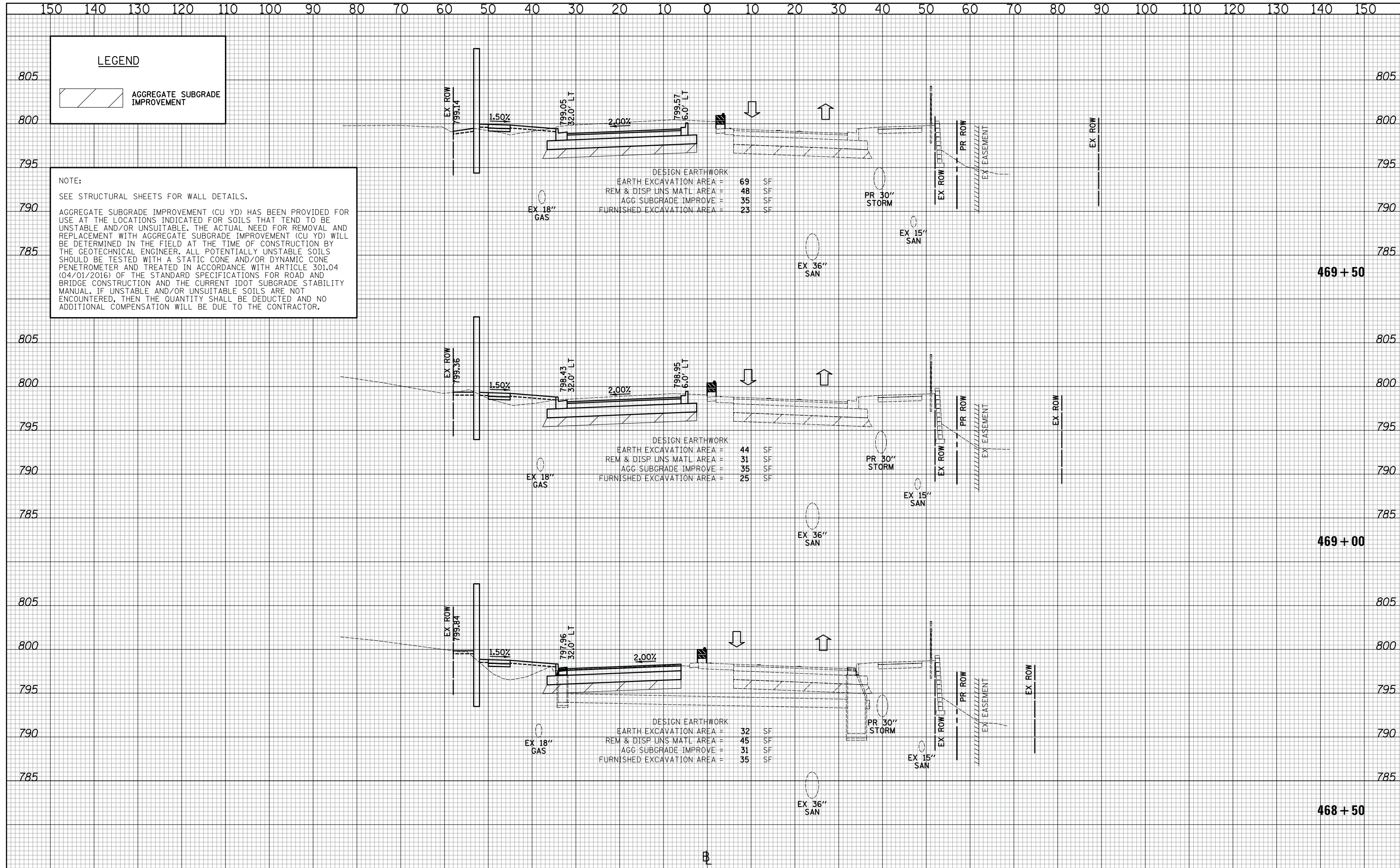
DATE	
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TEMPLATE	
AREAS	
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LEGEND

 AGGREGATE SUBGRADE IMPROVEMENT

NOTE:
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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	69	SF
REM & DISP UNS MATL AREA =	48	SF
AGG SUBGRADE IMPROVE =	35	SF
FURNISHED EXCAVATION AREA =	23	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	44	SF
REM & DISP UNS MATL AREA =	31	SF
AGG SUBGRADE IMPROVE =	35	SF
FURNISHED EXCAVATION AREA =	25	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	32	SF
REM & DISP UNS MATL AREA =	45	SF
AGG SUBGRADE IMPROVE =	31	SF
FURNISHED EXCAVATION AREA =	35	SF

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DATE - 1/25/2018	REVISED -

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CROSS SECTIONS STAGE II - QUENTIN ROAD

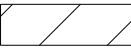
SHEET NO. 46 OF 89 SHEETS STA. 468+50 TO STA. 469+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	539
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
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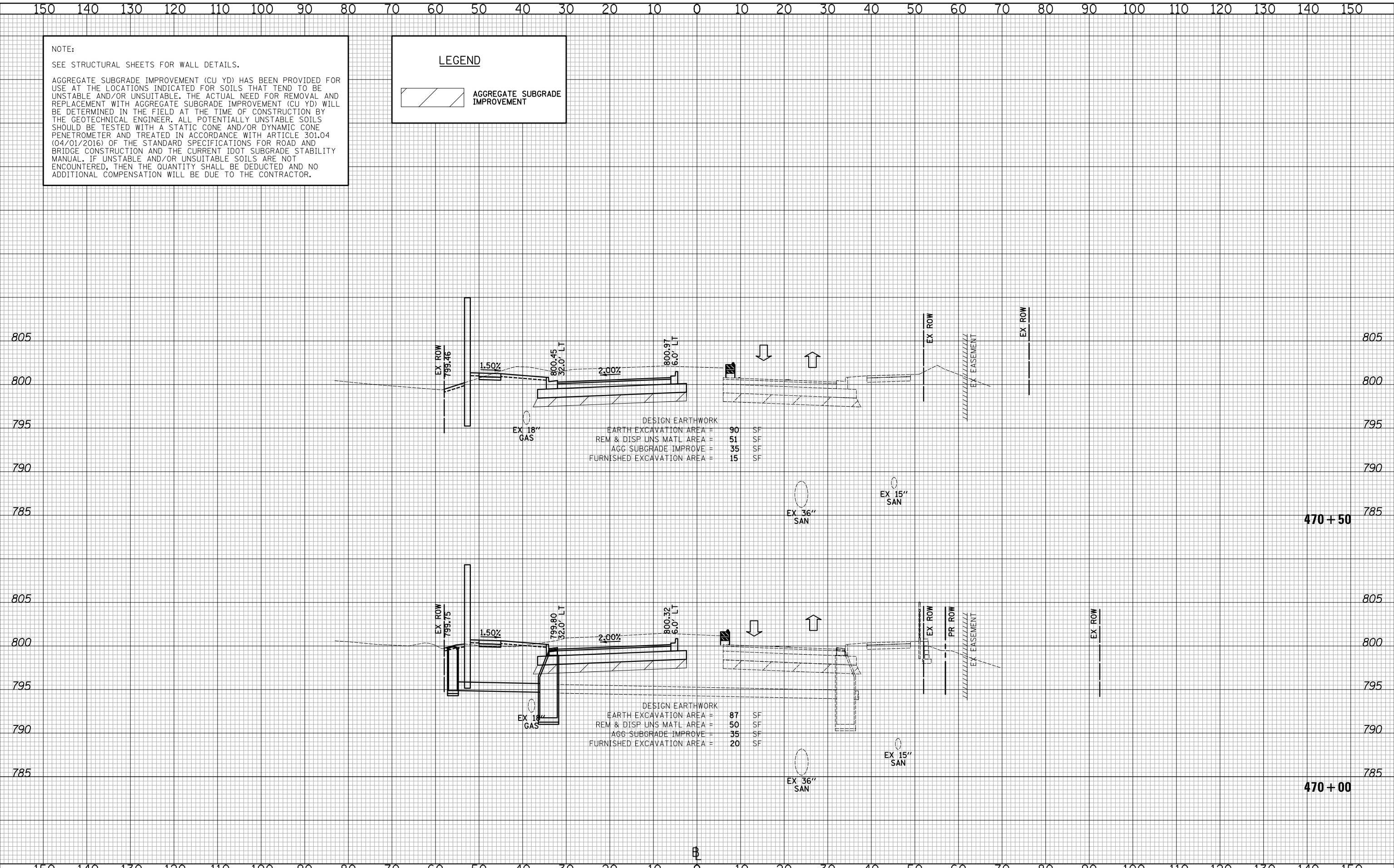
LEGEND



AGGREGATE SUBGRADE IMPROVEMENT

DATE	
BY	
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TEMPLATE	
AREAS	
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NO.	

DATE	
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SURVEYED	
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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	90	SF
REM & DISP UNS MATL AREA =	51	SF
AGG SUBGRADE IMPROVE =	35	SF
FURNISHED EXCAVATION AREA =	15	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	87	SF
REM & DISP UNS MATL AREA =	50	SF
AGG SUBGRADE IMPROVE =	35	SF
FURNISHED EXCAVATION AREA =	20	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

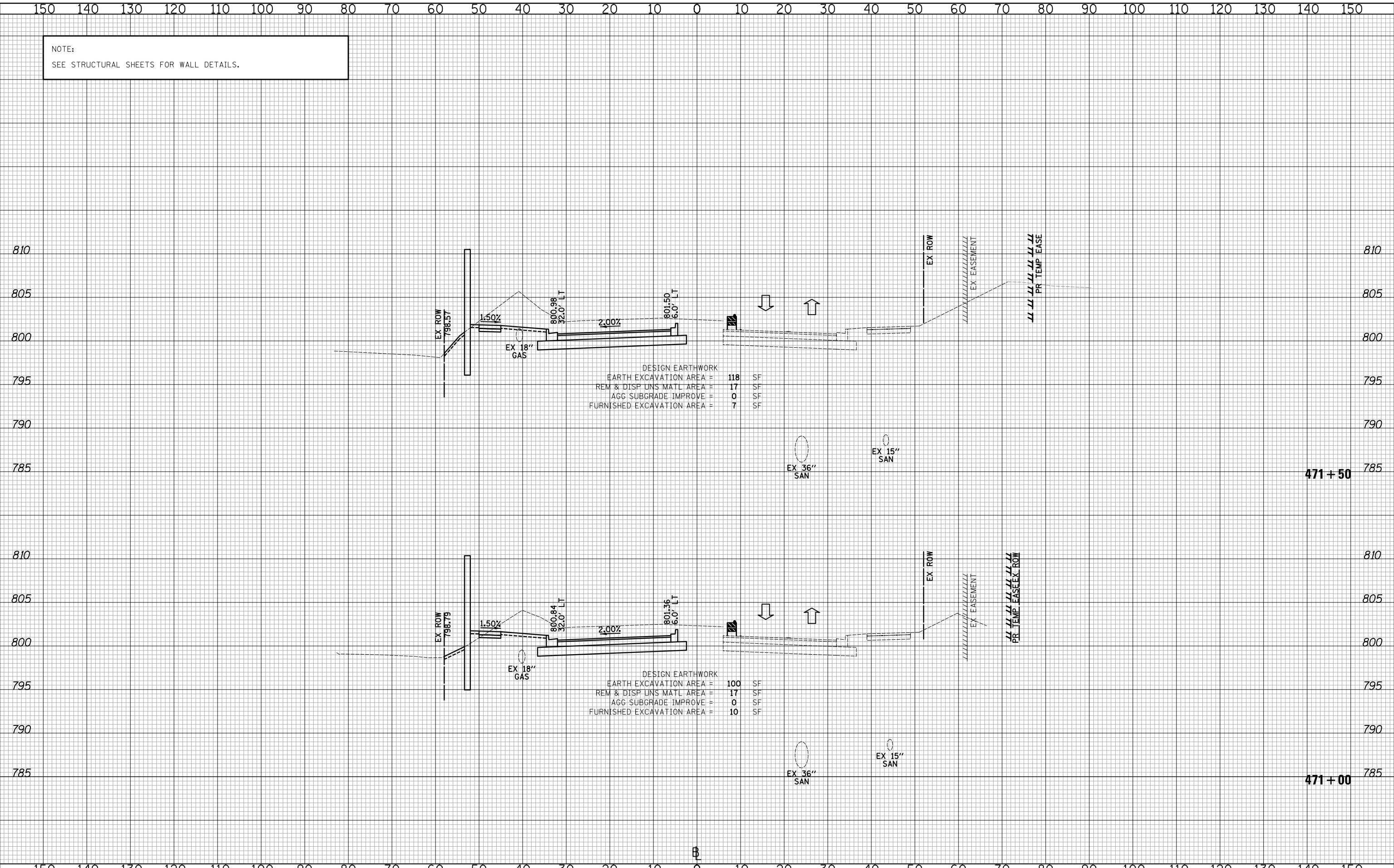
SHEET NO. 47 OF 89 SHEETS STA. 470+00 TO STA. 470+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	540
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E22	

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	
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DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 118 SF
 REM & DISP UNS MATL AREA = 17 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 7 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 100 SF
 REM & DISP UNS MATL AREA = 17 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 10 SF

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DATE - 11/13/2017	REVISED -

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CROSS SECTIONS STAGE II - QUENTIN ROAD

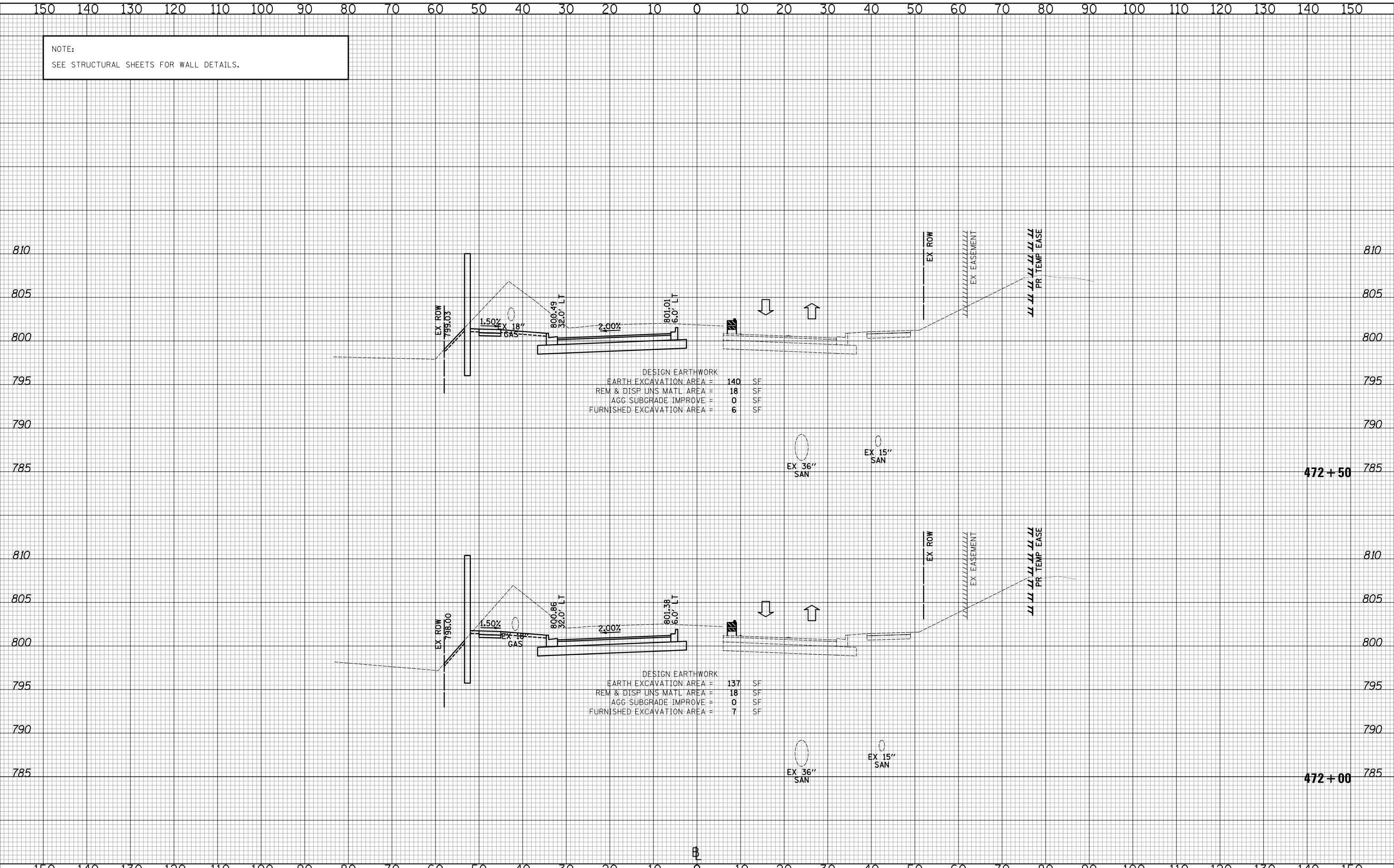
SHEET NO. 48 OF 89 SHEETS STA. 471+00 TO STA. 471+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	541
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 140 SF
 REM & DISP UNS MATL AREA = 18 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 6 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 137 SF
 REM & DISP UNS MATL AREA = 18 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 7 SF

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DATE - 11/13/2017	REVISED -

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CROSS SECTIONS STAGE II - QUENTIN ROAD

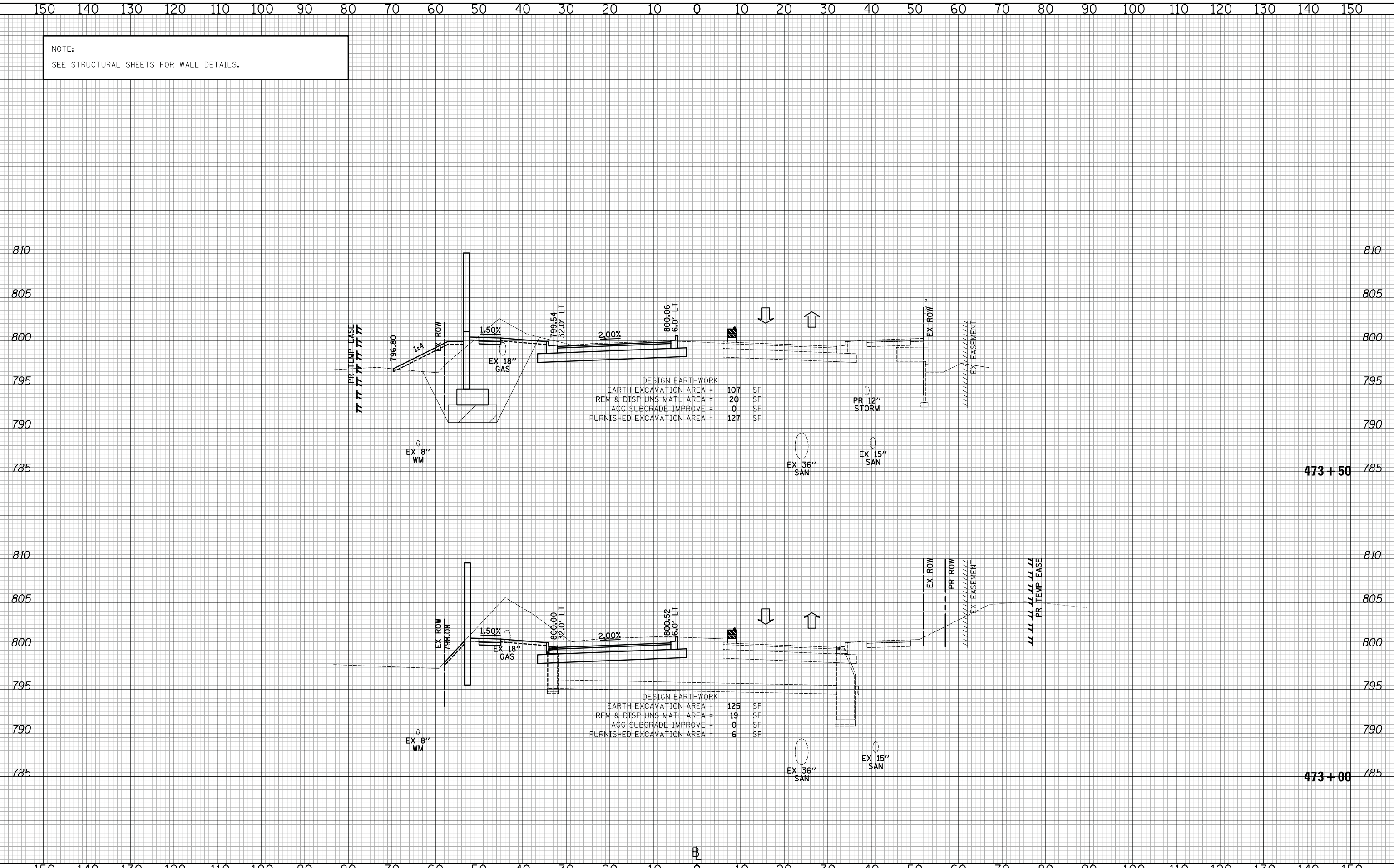
SHEET NO. 49 OF 89 SHEETS STA. 472+00 TO STA. 472+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	542
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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SCALES

CROSS SECTIONS STAGE II - QUENTIN ROAD

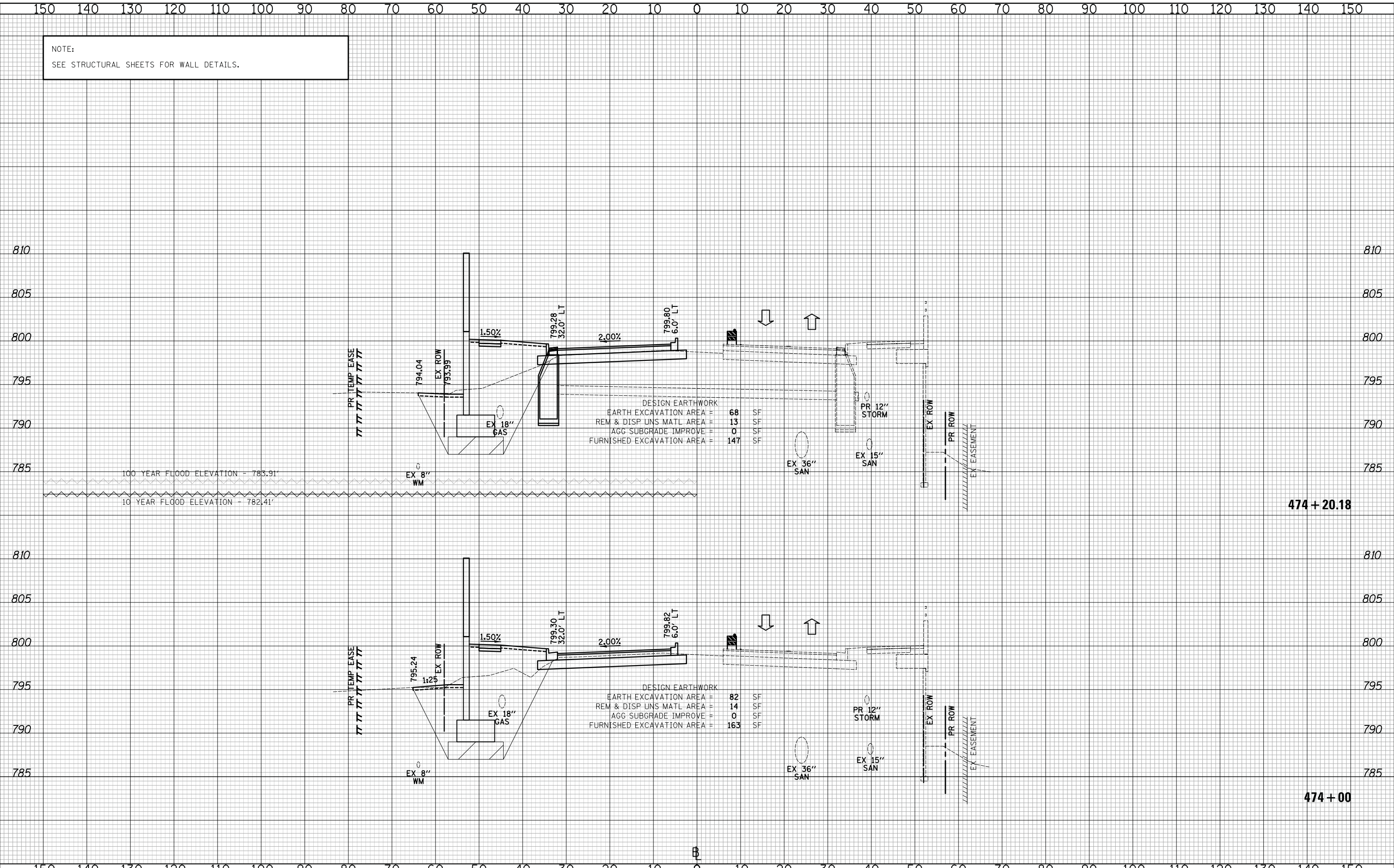
SHEET NO. 50 OF 89 SHEETS STA. 473+00 TO STA. 473+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	543
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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

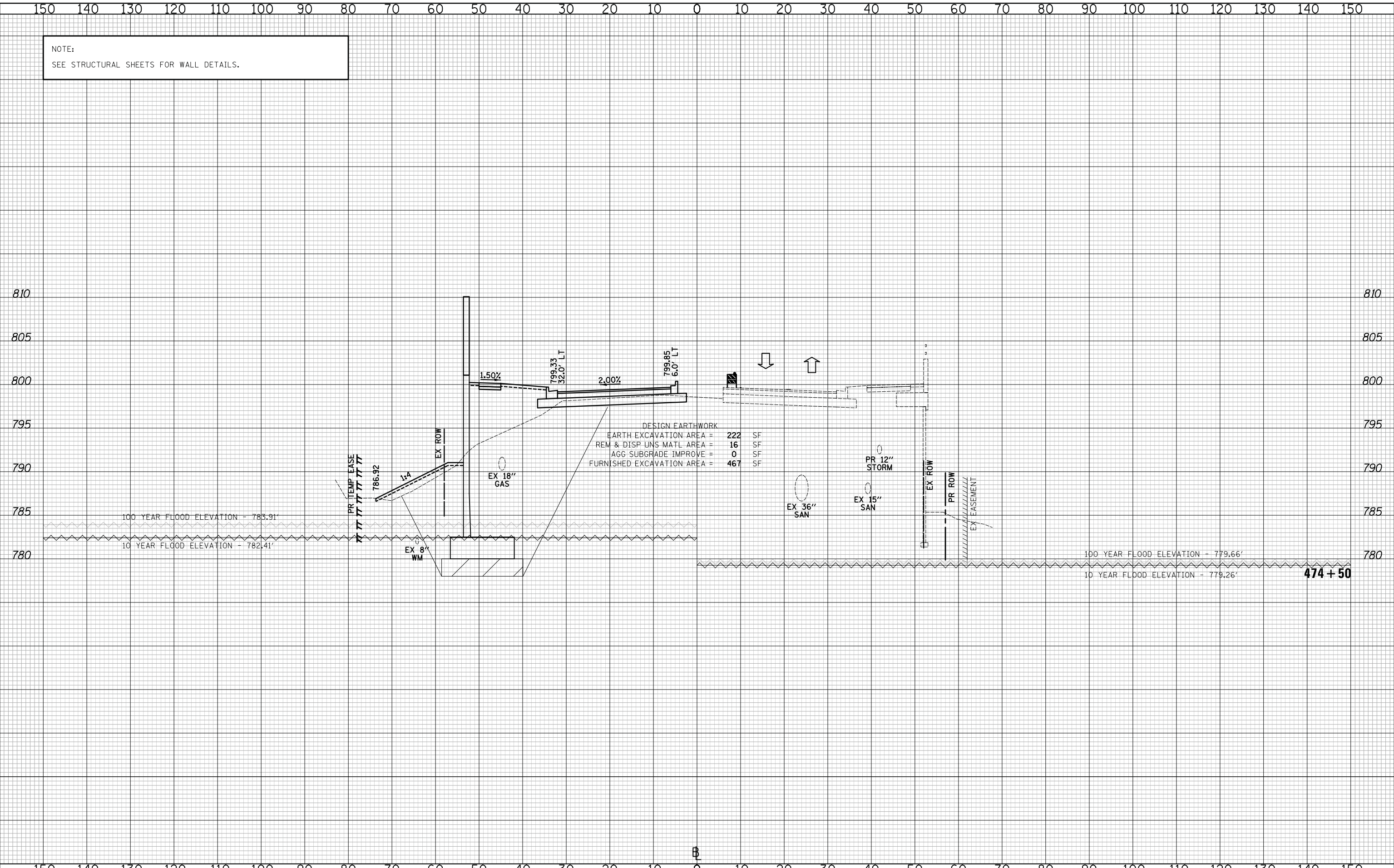
SHEET NO. 51 OF 89 SHEETS STA. 474+00 TO STA. 474+20.18

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	544
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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FINAL SURVEY	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	222	SF
REM & DISP UNS MATL AREA	=	16	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	467	SF

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SCALES

CROSS SECTIONS STAGE II - QUENTIN ROAD

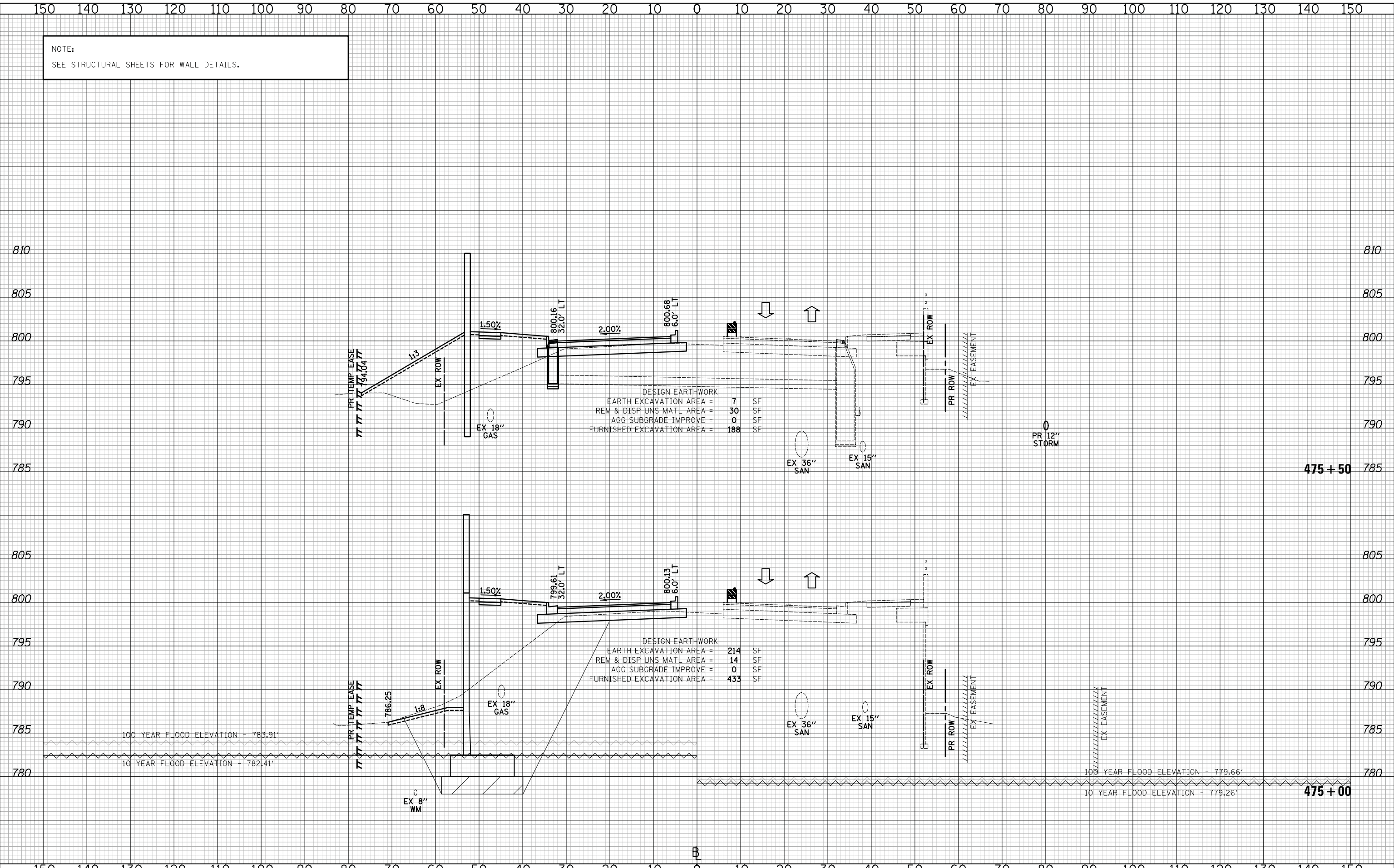
SHEET NO. 52 OF 89 SHEETS STA. 474+50 TO STA. 474+77.64

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	545
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 7 SF
 REM & DISP UNS MATL AREA = 30 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 188 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 214 SF
 REM & DISP UNS MATL AREA = 14 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 433 SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 53 OF 89 SHEETS STA. 475+00 TO STA. 475+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	546
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

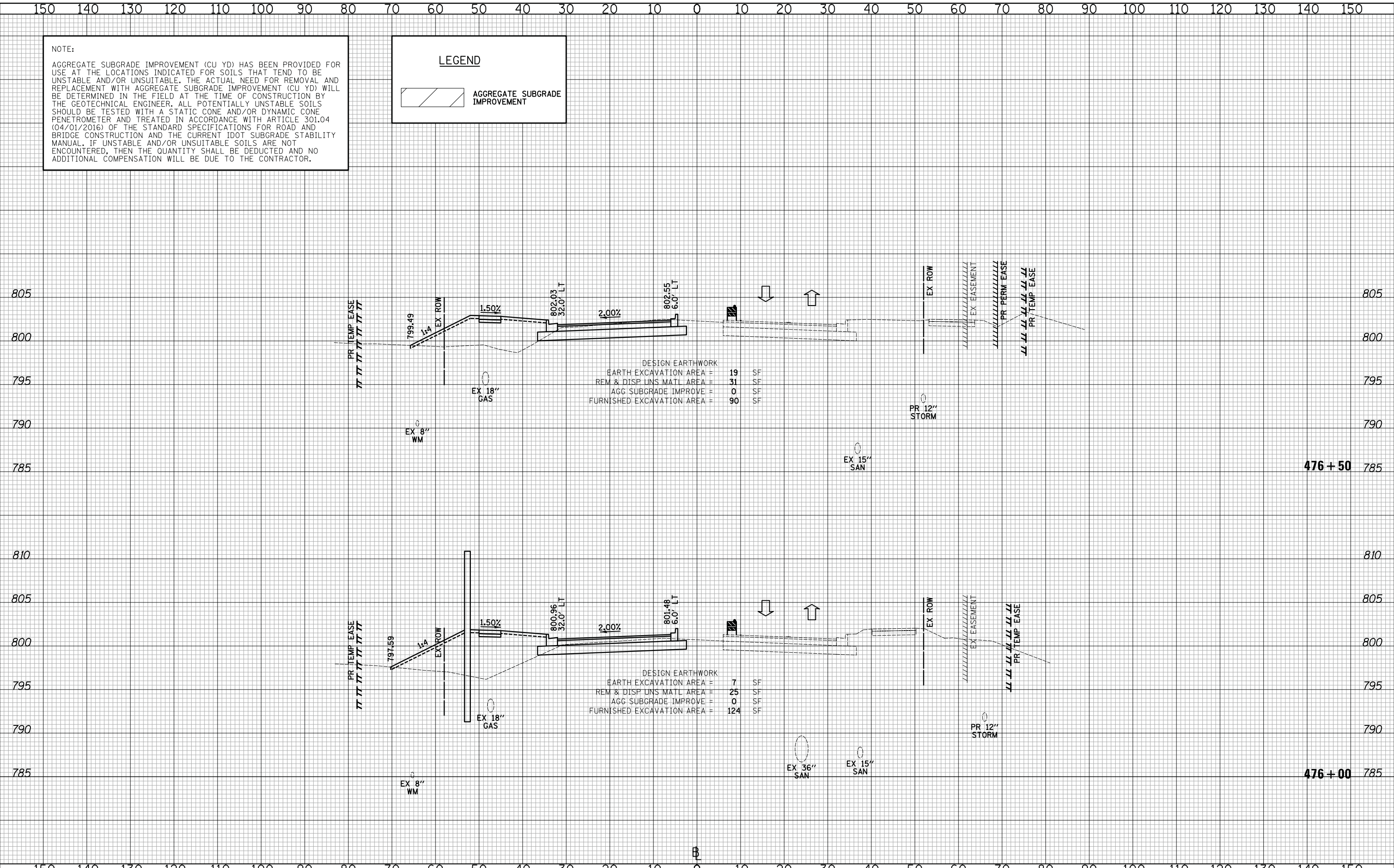
NOTE:
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

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

DATE	
BY	
NO.	
ORIGINAL SURVEY	
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NOTE BOOK AREAS CHECKED	



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CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 54 OF 89 SHEETS STA. 476+00 TO STA. 476+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	547
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

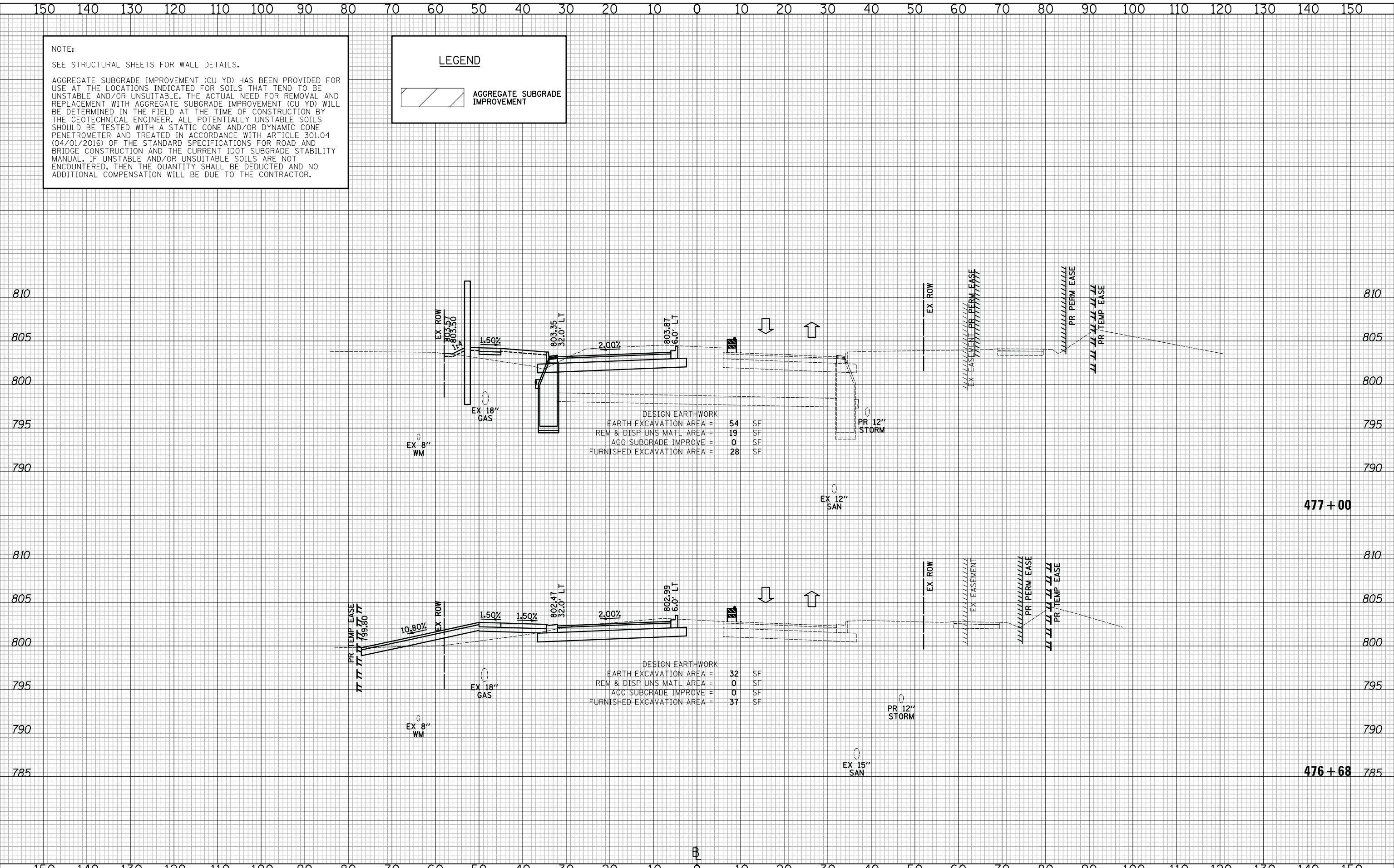
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FINAL SURVEY	SURVEYED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

NOTE:
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



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CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 55 OF 89 SHEETS STA. 476+68 TO STA. 477+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	548
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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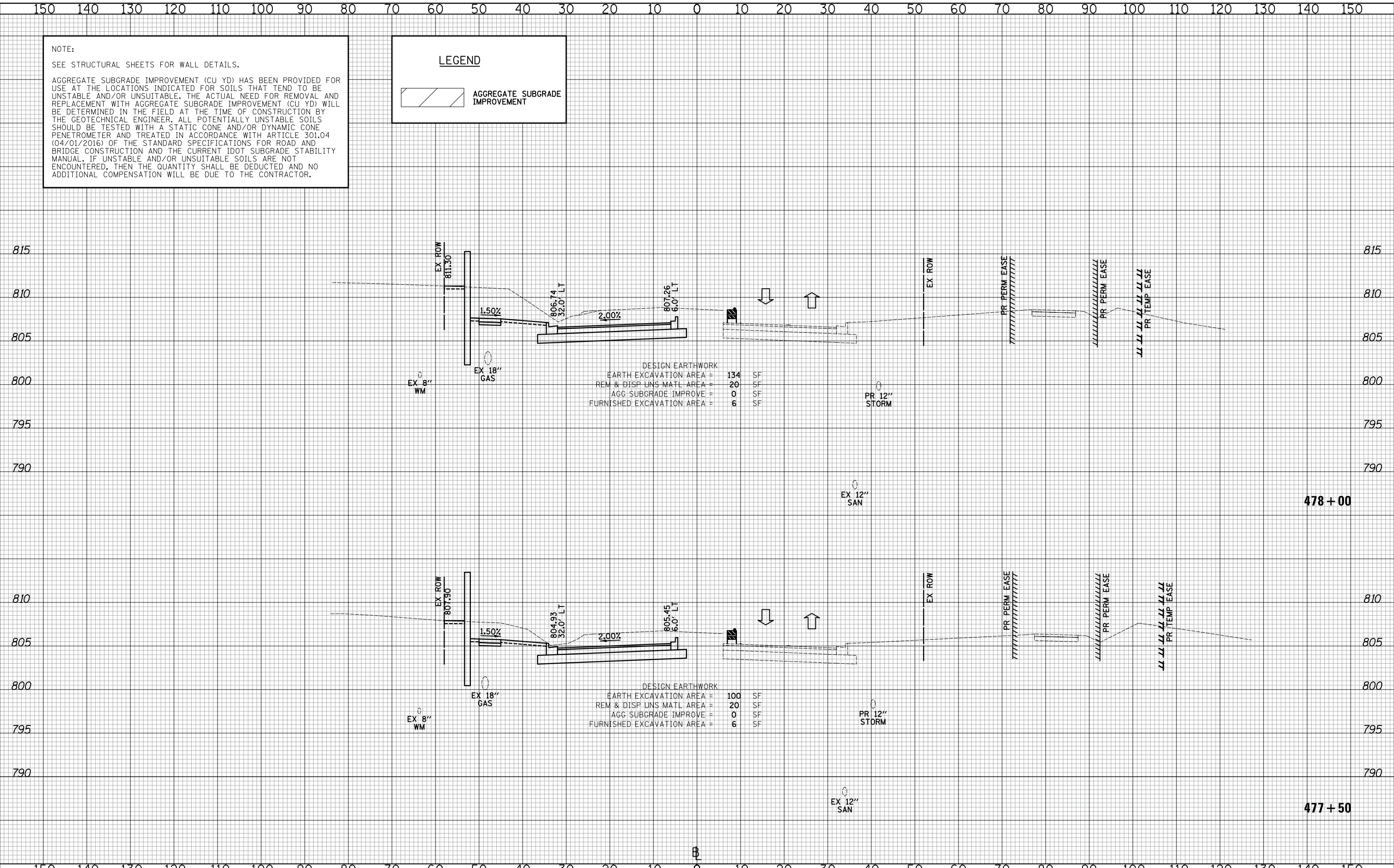
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NOTE:
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	134	SF
REM & DISP UNS MATL AREA	=	20	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	6	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	100	SF
REM & DISP UNS MATL AREA	=	20	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	6	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 56 OF 89 SHEETS STA. 477+50 TO STA. 478+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	549
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

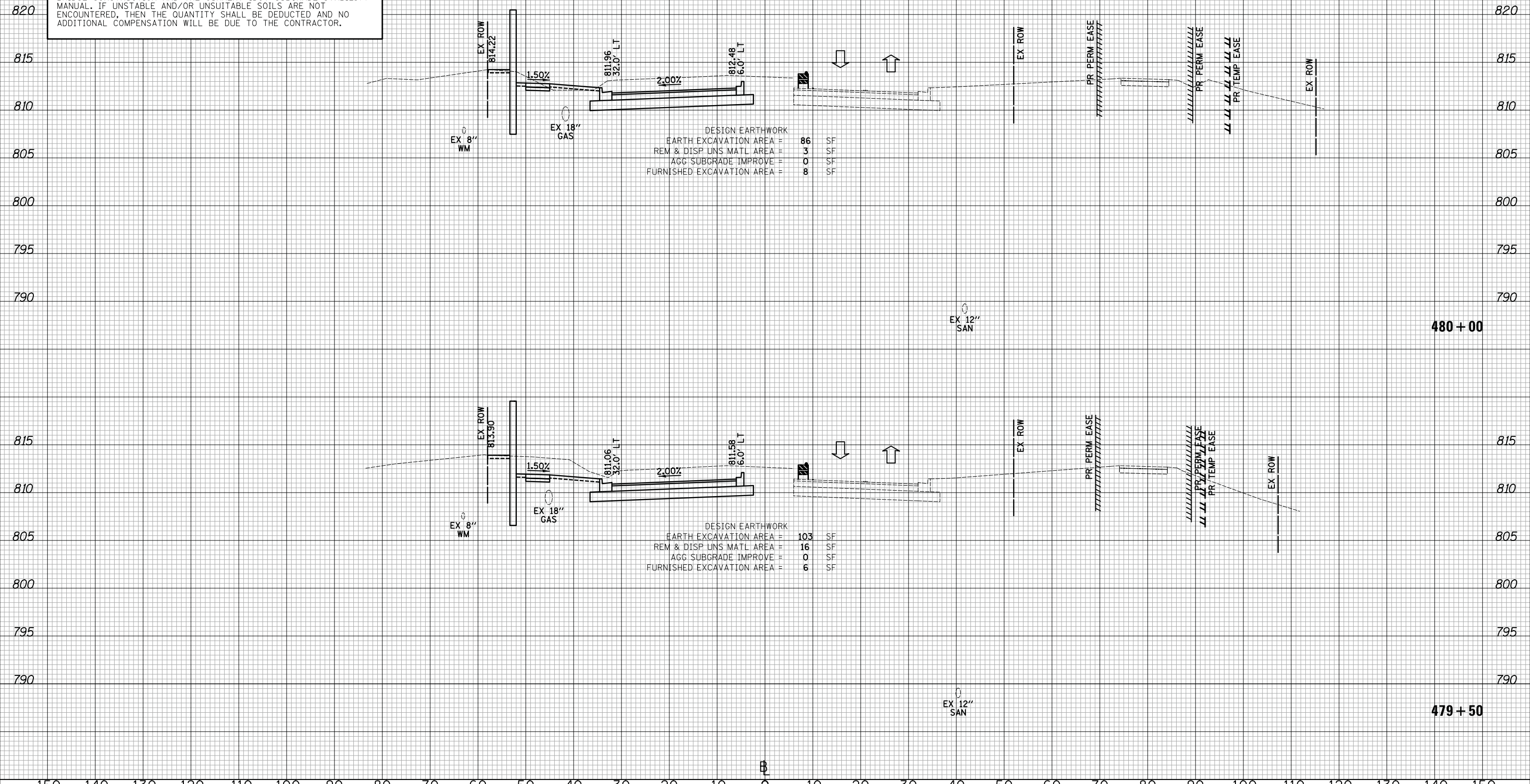
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FINAL SURVEY	
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NOTE:
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



DESIGN EARTHWORK

EARTH EXCAVATION AREA =	86	SF
REM & DISP UNS MATL AREA =	3	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	8	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	103	SF
REM & DISP UNS MATL AREA =	16	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	6	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

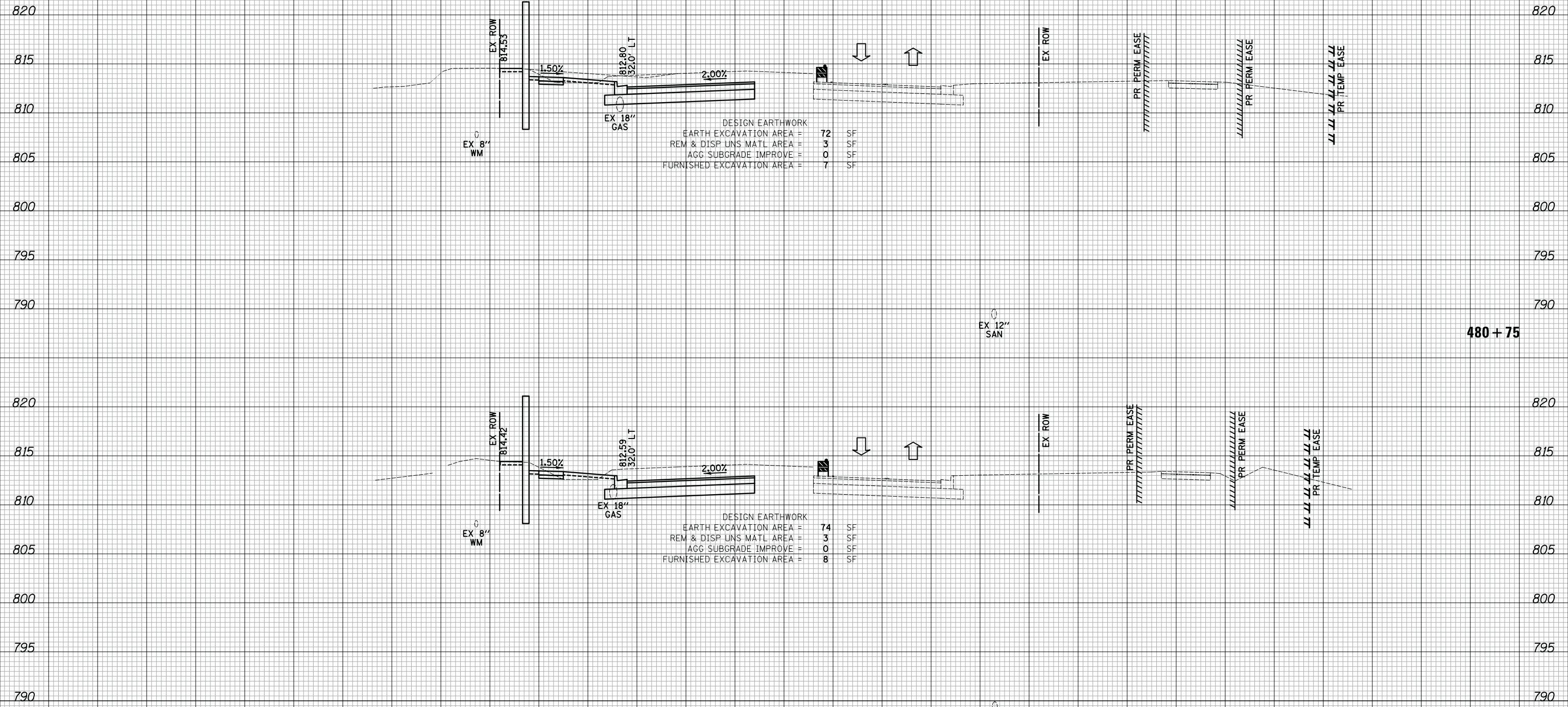
SHEET NO. 58 OF 89 SHEETS STA. 479+50 TO STA. 480+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	551
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	BY
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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ORIGINAL SURVEY	SURVEYED
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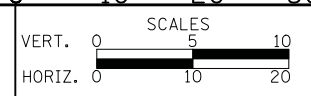


DESIGN EARTHWORK

EARTH EXCAVATION AREA =	72	SF
REM & DISP UNS MATL AREA =	3	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	7	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	74	SF
REM & DISP UNS MATL AREA =	3	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	8	SF



CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 59 OF 89 SHEETS STA. 480+50 TO STA. 480+75

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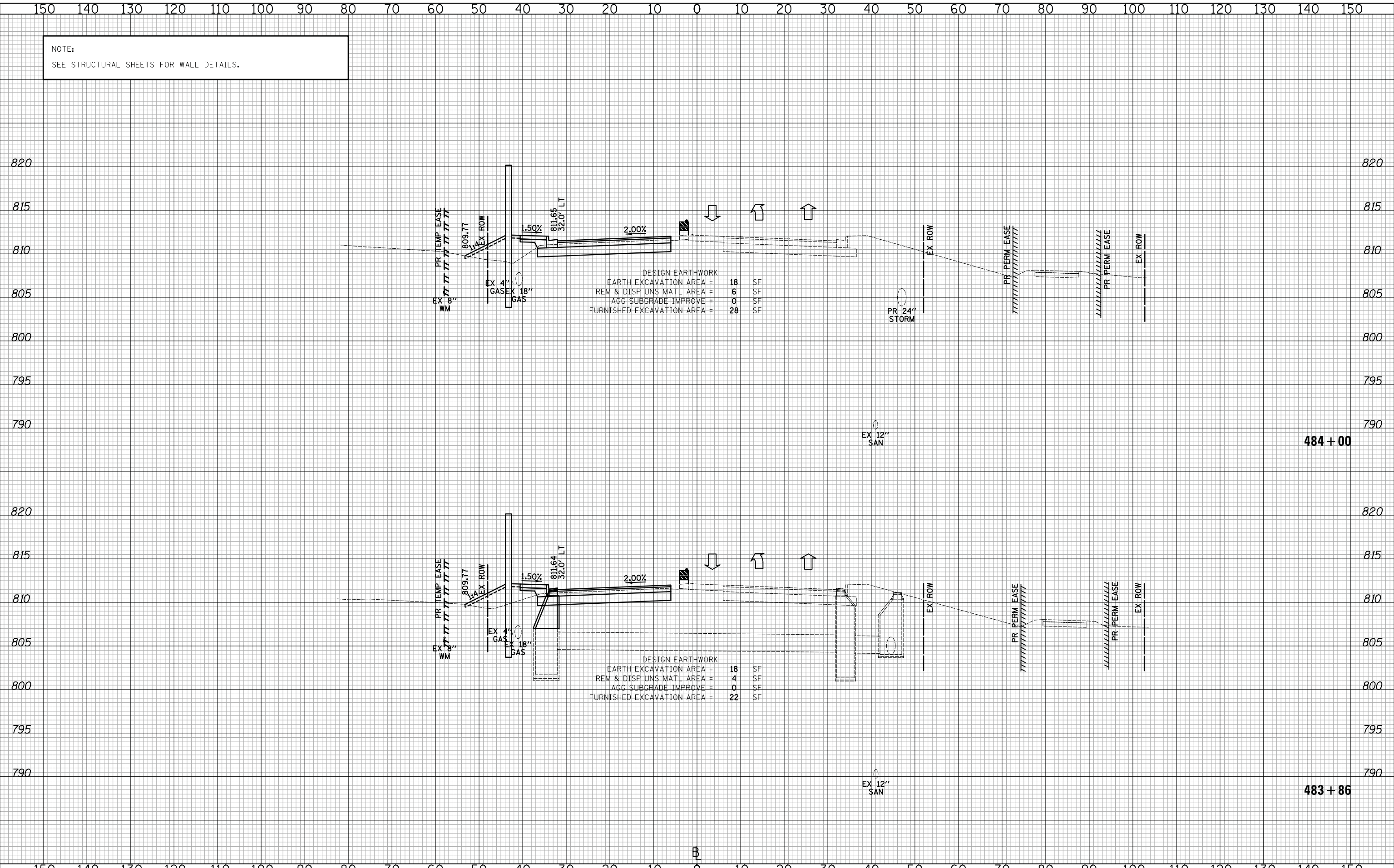
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	552
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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FINAL SURVEY	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	



DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	18	SF
REM & DISP UNS MATL AREA	=	6	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	28	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	18	SF
REM & DISP UNS MATL AREA	=	4	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	22	SF



CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 63 OF 89 SHEETS STA. 483+86 TO STA. 484+00

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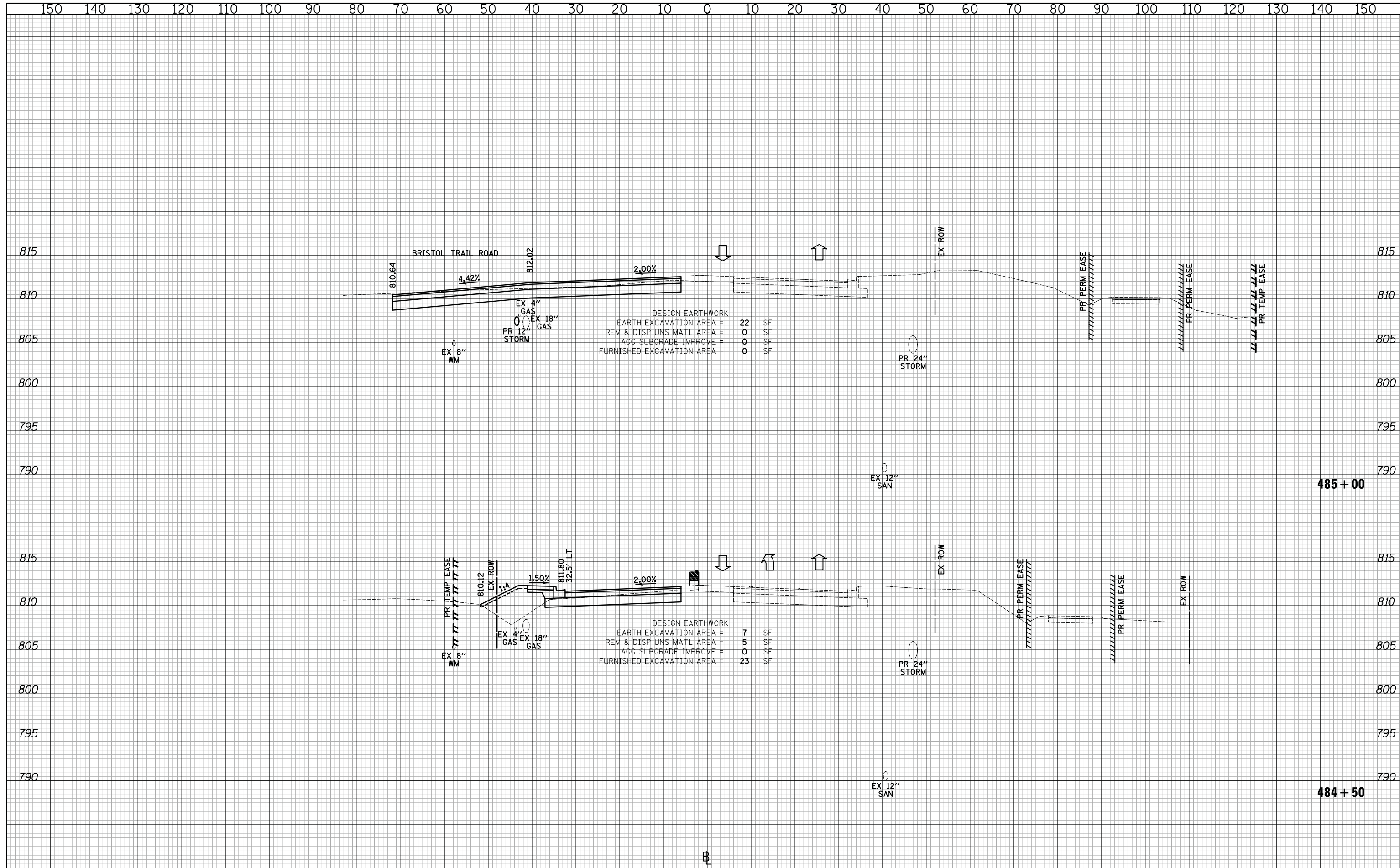
DESIGNED - PK	REVISED -
DRAWN - JRR	REVISED -
CHECKED - RTM	REVISED -
DATE - 11/13/2017	REVISED -

**STATE OF ILLINOIS
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	556
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

DATE	
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TEMPLATE	
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DATE	
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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	22	SF
REM & DISP UNS MATL AREA =	0	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	0	SF

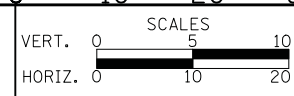
DESIGN EARTHWORK

EARTH EXCAVATION AREA =	7	SF
REM & DISP UNS MATL AREA =	5	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	23	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

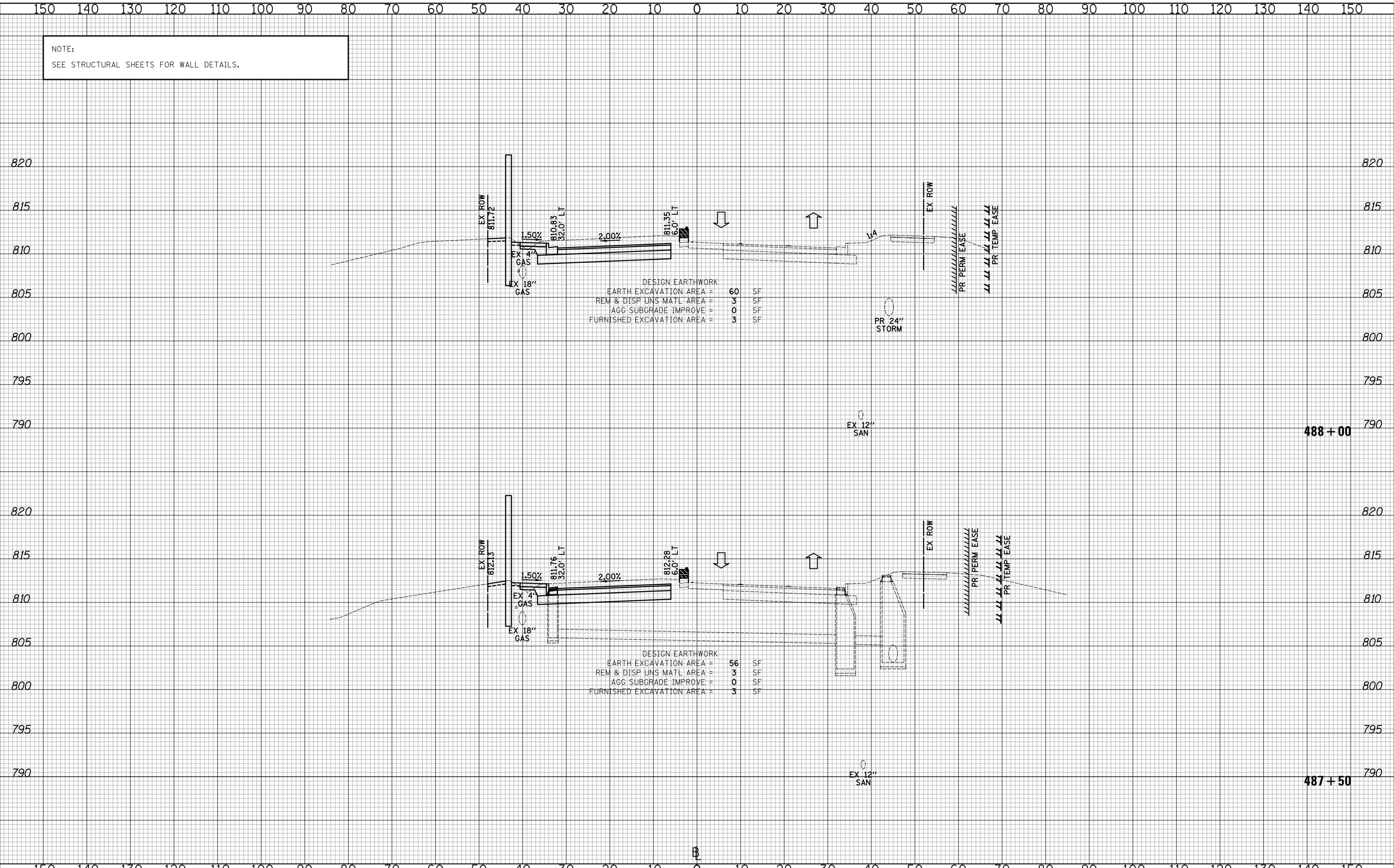
SHEET NO. 64 OF 89 SHEETS STA. 484+50 TO STA. 485+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	557
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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

DATE	
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TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 60 SF
 REM & DISP UNS MATL AREA = 3 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 3 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 56 SF
 REM & DISP UNS MATL AREA = 3 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 3 SF



CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 67 OF 89 SHEETS STA. 487+50 TO STA. 488+00

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CHECKED - RTM	REVISED -
DATE - 11/13/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	560
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

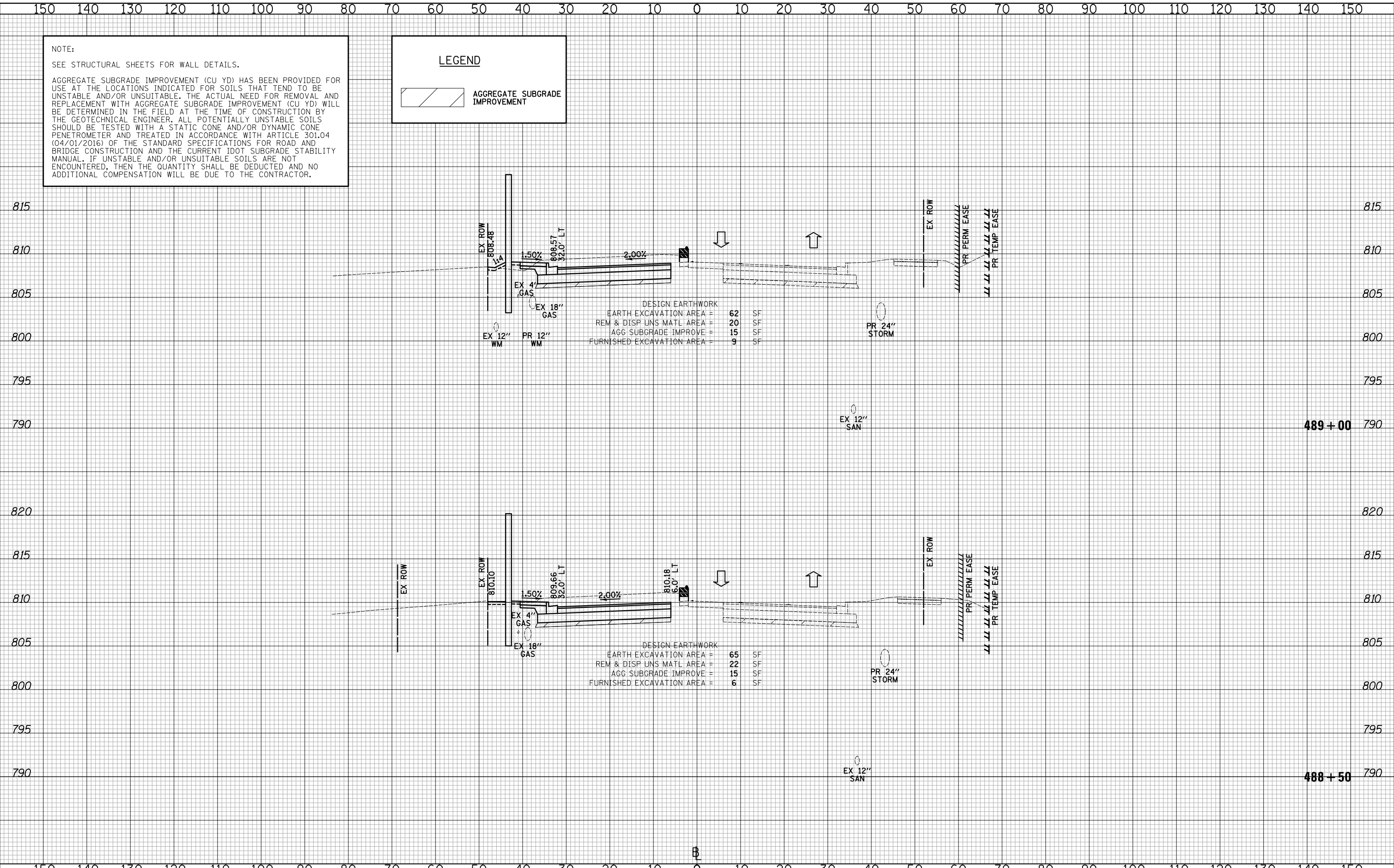
AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

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.	



DESIGN EARTHWORK

EARTH EXCAVATION AREA =	62	SF
REM & DISP UNS MATL AREA =	20	SF
AGG SUBGRADE IMPROVE =	15	SF
FURNISHED EXCAVATION AREA =	9	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	65	SF
REM & DISP UNS MATL AREA =	22	SF
AGG SUBGRADE IMPROVE =	15	SF
FURNISHED EXCAVATION AREA =	6	SF

DATE	
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FINAL SURVEY	
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TEMPLATE	
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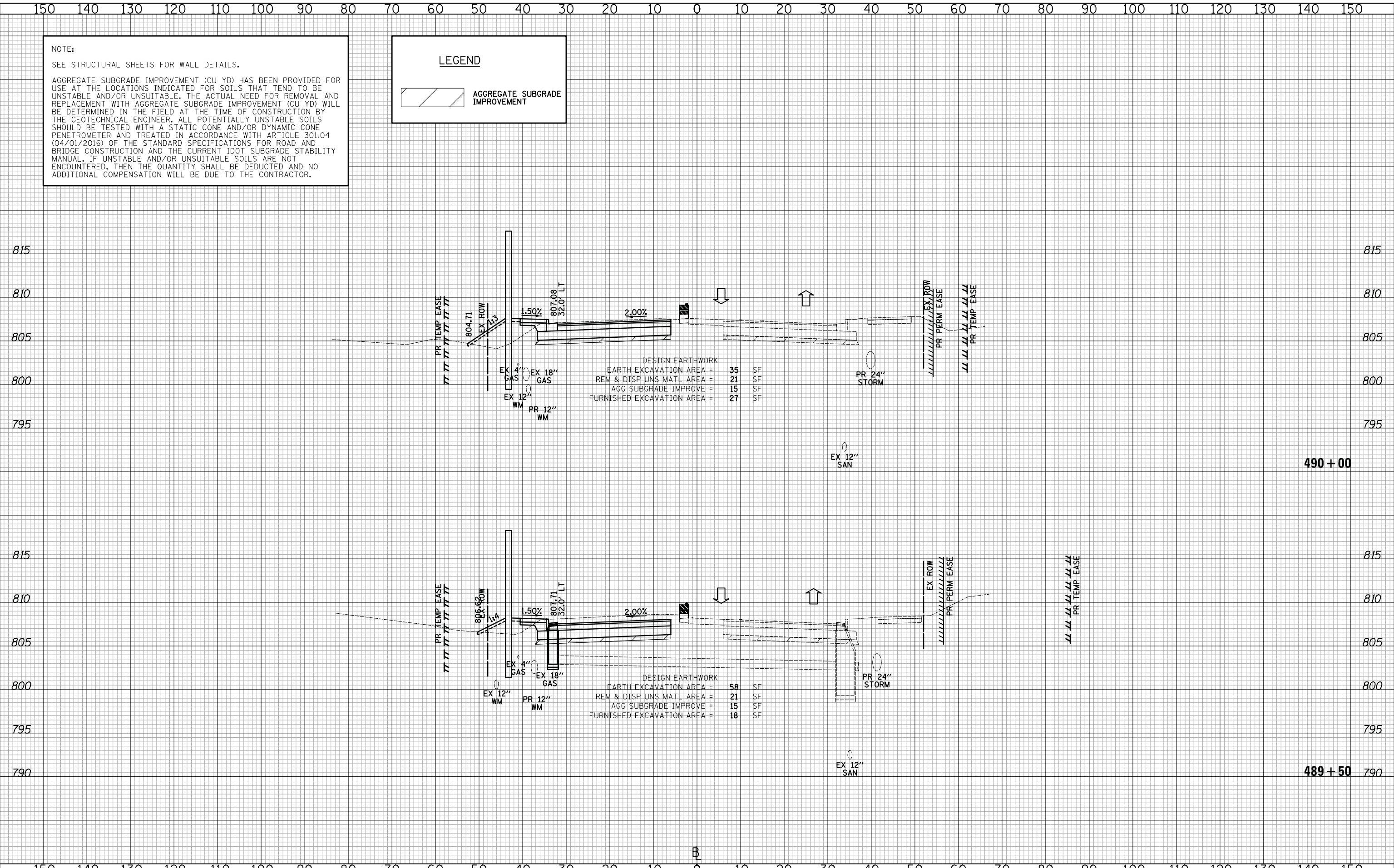
DATE	
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ORIGINAL SURVEY	
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TEMPLATE	
AREAS CHECKED	

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

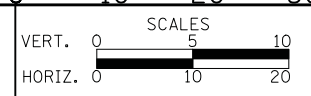


DESIGN EARTHWORK

EARTH EXCAVATION AREA =	35	SF
REM & DISP UNS MATL AREA =	21	SF
AGG SUBGRADE IMPROVE =	15	SF
FURNISHED EXCAVATION AREA =	27	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	58	SF
REM & DISP UNS MATL AREA =	21	SF
AGG SUBGRADE IMPROVE =	15	SF
FURNISHED EXCAVATION AREA =	18	SF



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CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 69 OF 89 SHEETS STA. 489+50 TO STA. 490+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	562
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

DATE	
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SURVEYED	
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TEMPLATE	
AREAS	
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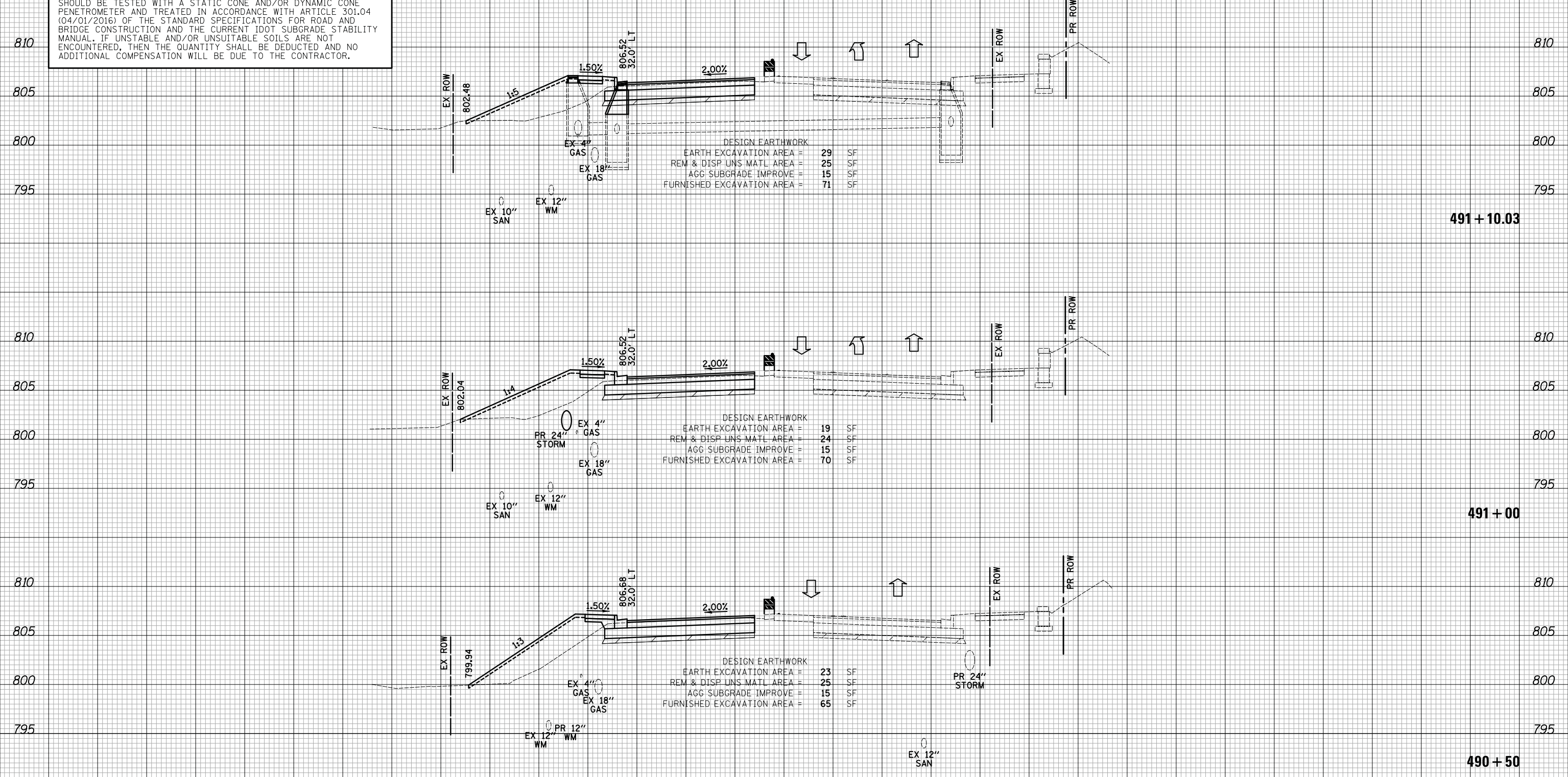
DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS	
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NOTE:
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AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

LEGEND

AGGREGATE SUBGRADE IMPROVEMENT



DESIGN EARTHWORK

EARTH EXCAVATION AREA =	29	SF
REM & DISP UNS. MATL. AREA =	25	SF
AGG SUBGRADE IMPROVE =	15	SF
FURNISHED EXCAVATION AREA =	71	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	19	SF
REM & DISP UNS. MATL. AREA =	24	SF
AGG SUBGRADE IMPROVE =	15	SF
FURNISHED EXCAVATION AREA =	70	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	23	SF
REM & DISP UNS. MATL. AREA =	25	SF
AGG SUBGRADE IMPROVE =	15	SF
FURNISHED EXCAVATION AREA =	65	SF

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CROSS SECTIONS STAGE II - QUENTIN ROAD

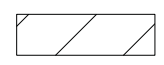
SHEET NO. 70 OF 89 SHEETS STA. 490+50 TO STA. 491+10.03

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	563
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
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DATE	
BY	
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LEGEND

 AGGREGATE SUBGRADE IMPROVEMENT

NOTE:
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DESIGN EARTHWORK

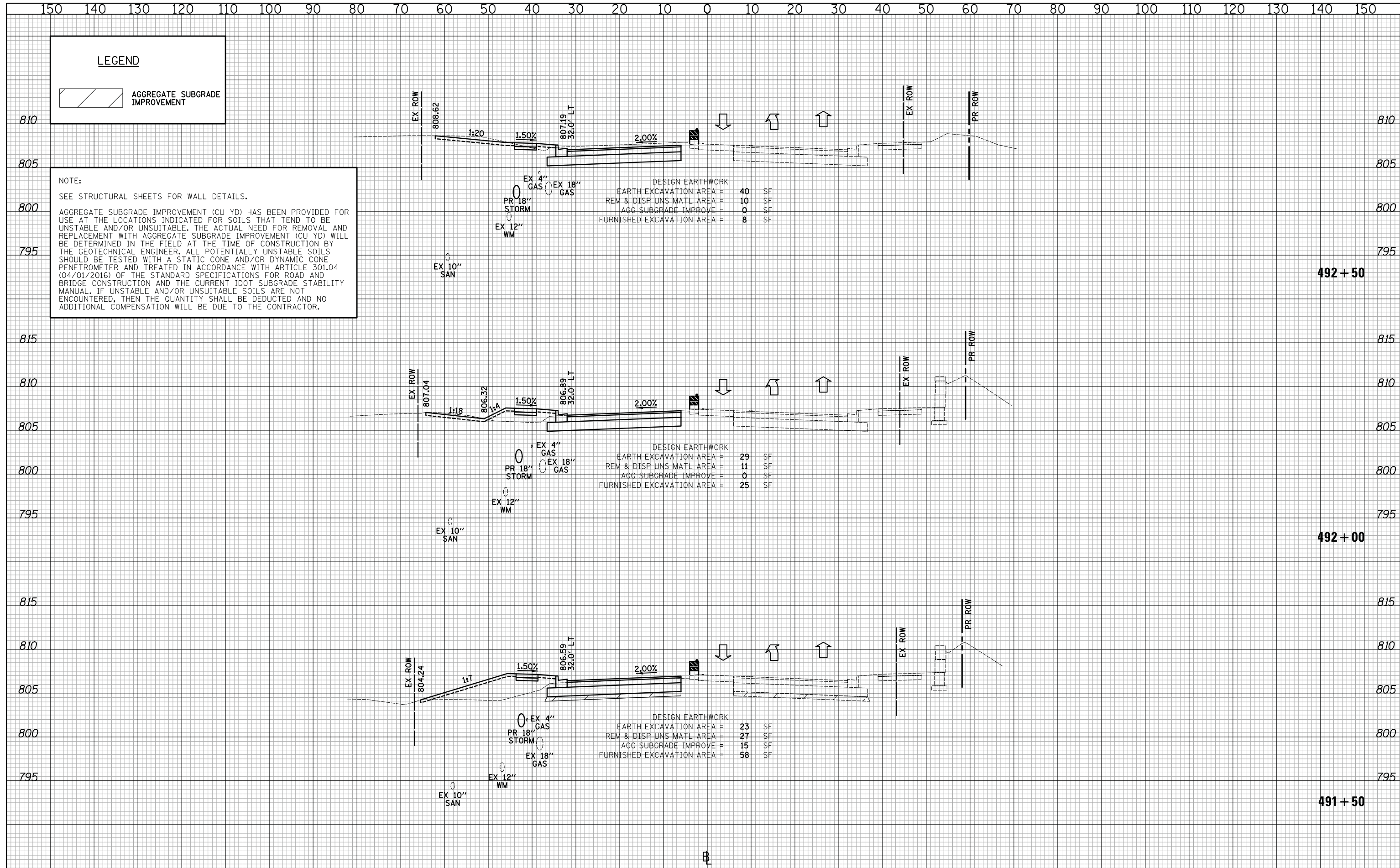
EARTH EXCAVATION AREA =	40	SF
REM & DISP UNS MATL AREA =	10	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	8	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	29	SF
REM & DISP UNS MATL AREA =	11	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	25	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	23	SF
REM & DISP UNS MATL AREA =	27	SF
AGG SUBGRADE IMPROVE =	15	SF
FURNISHED EXCAVATION AREA =	58	SF



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CROSS SECTIONS STAGE II - QUENTIN ROAD

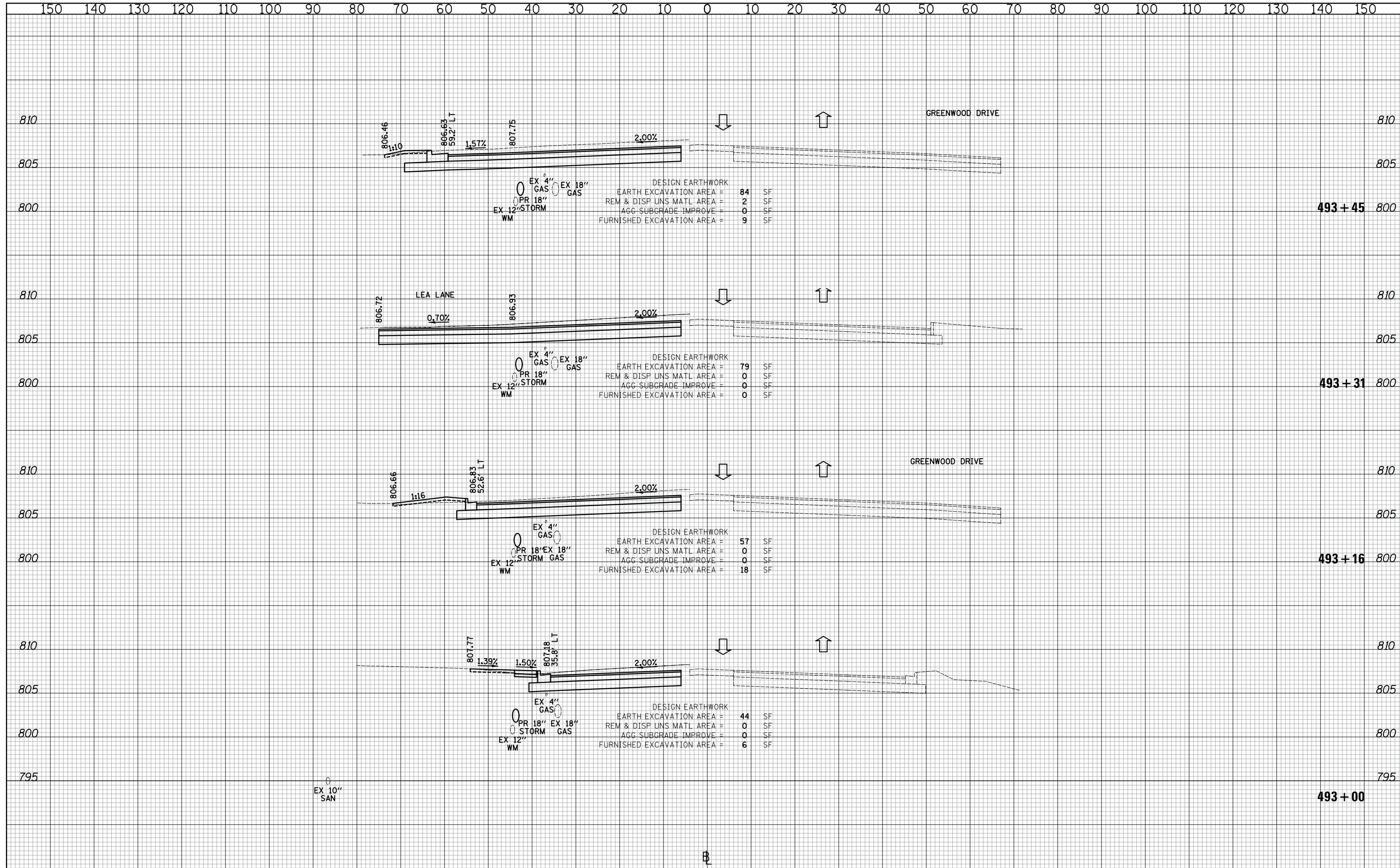
SHEET NO. 71 OF 89 SHEETS STA. 491+50 TO STA. 492+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	564
				CONTRACT NO. 61E22

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

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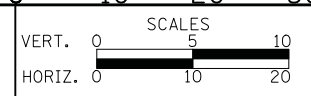
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TEMPLATE	
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CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 72 OF 89 SHEETS STA. 493+00 TO STA. 493+45

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	565
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

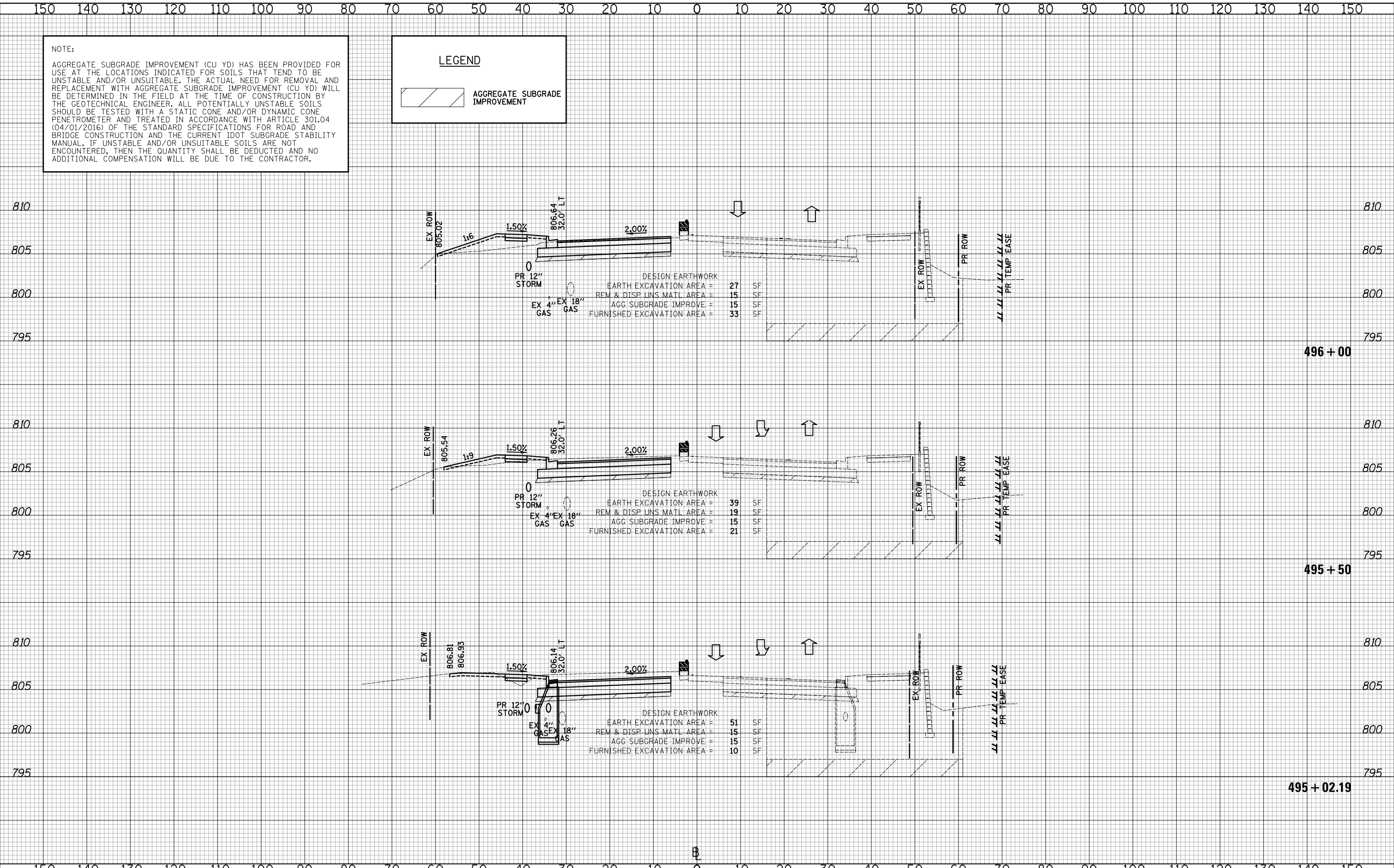
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

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

SHEET NO. 74 OF 89 SHEETS STA. 495+02.19 TO STA. 496+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	567
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

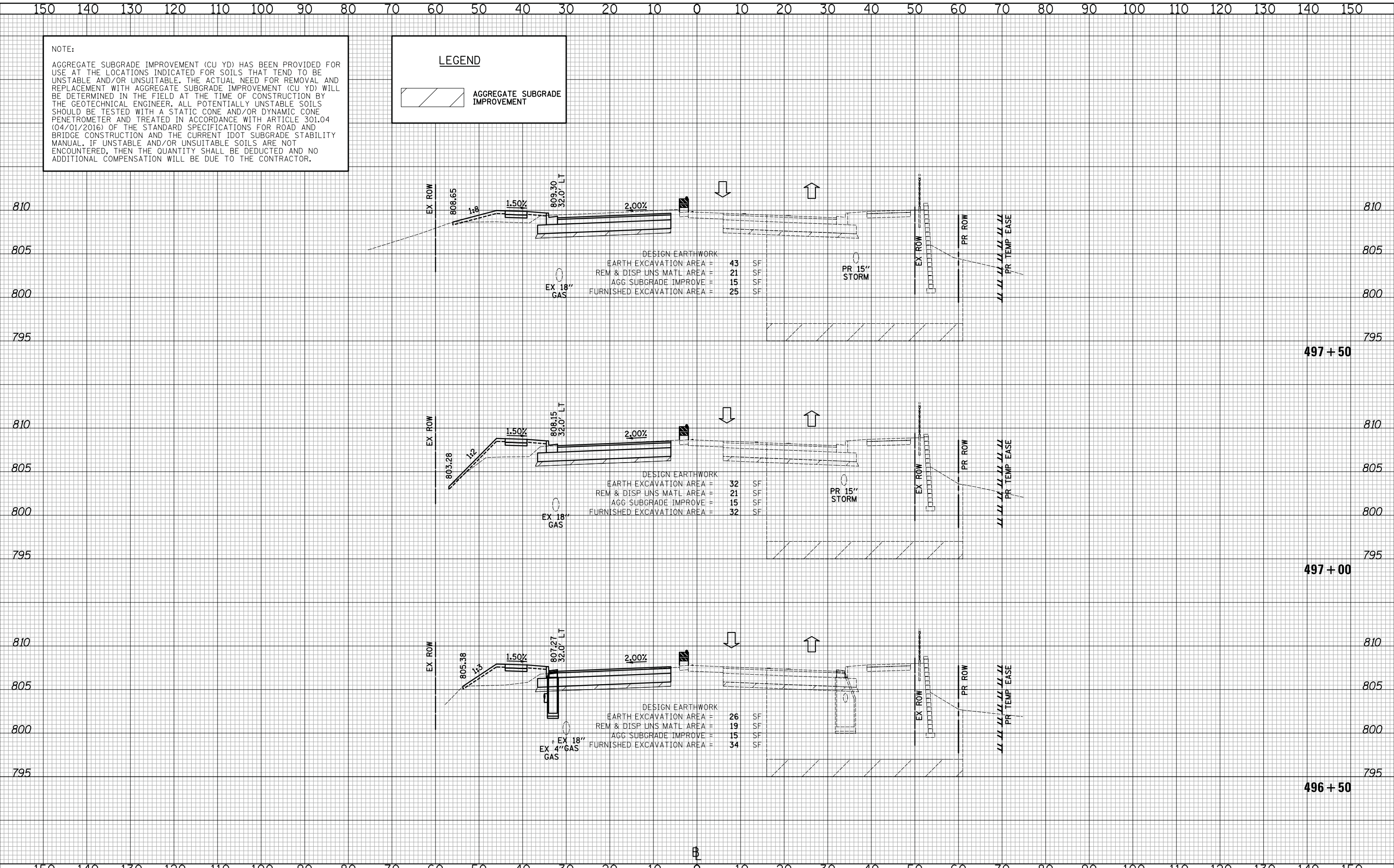
NOTE:
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LEGEND

AGGREGATE SUBGRADE IMPROVEMENT

DATE	
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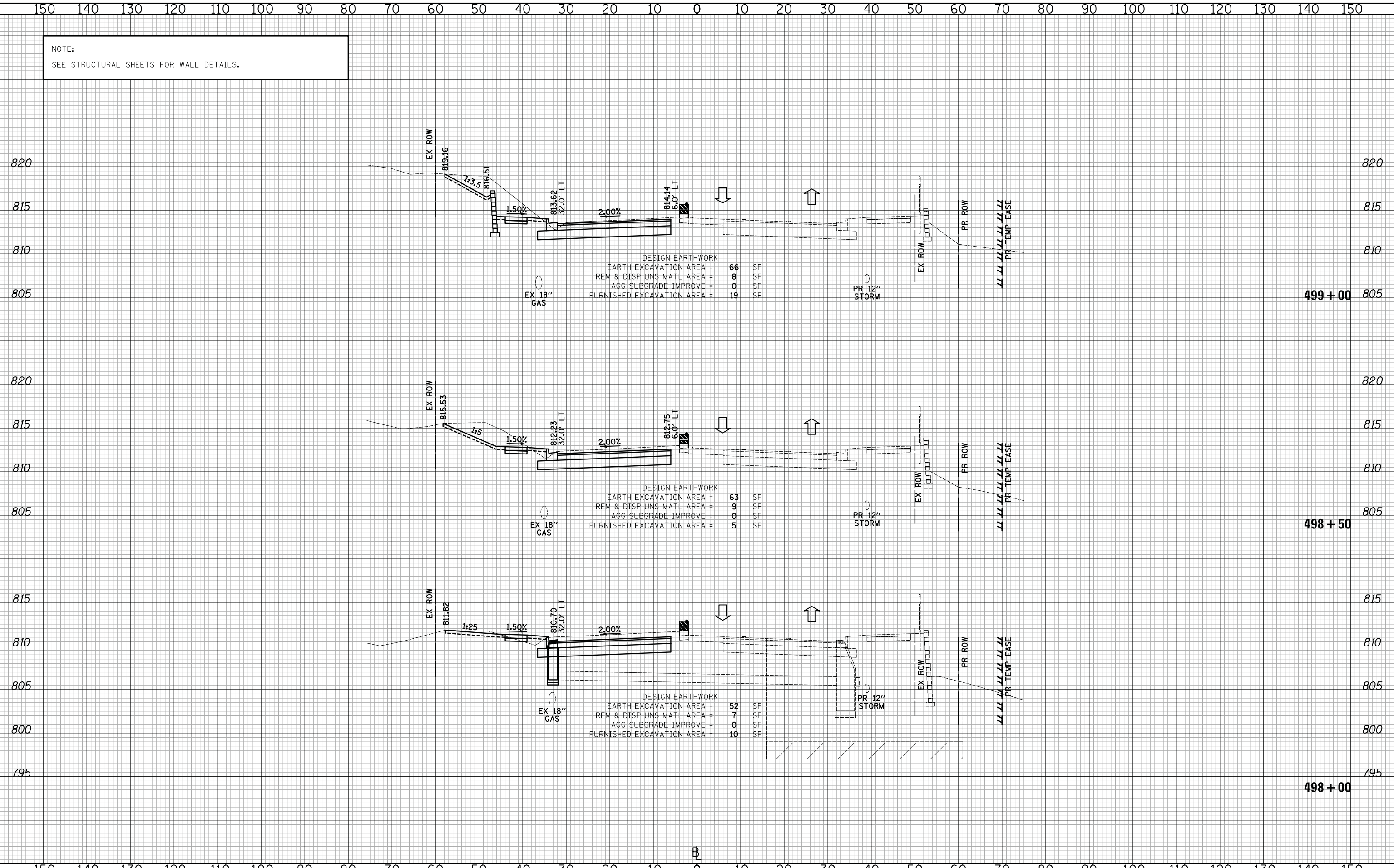
DATE	
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TEMPLATE	
AREAS	
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NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



DESIGN EARTHWORK

EARTH EXCAVATION AREA =	66	SF
REM & DISP UNS MATL AREA =	8	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	19	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	63	SF
REM & DISP UNS MATL AREA =	9	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	5	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	52	SF
REM & DISP UNS MATL AREA =	7	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	10	SF



CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 76 OF 89 SHEETS STA. 498+00 TO STA. 499+00

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DATE - 11/13/2017	REVISED -

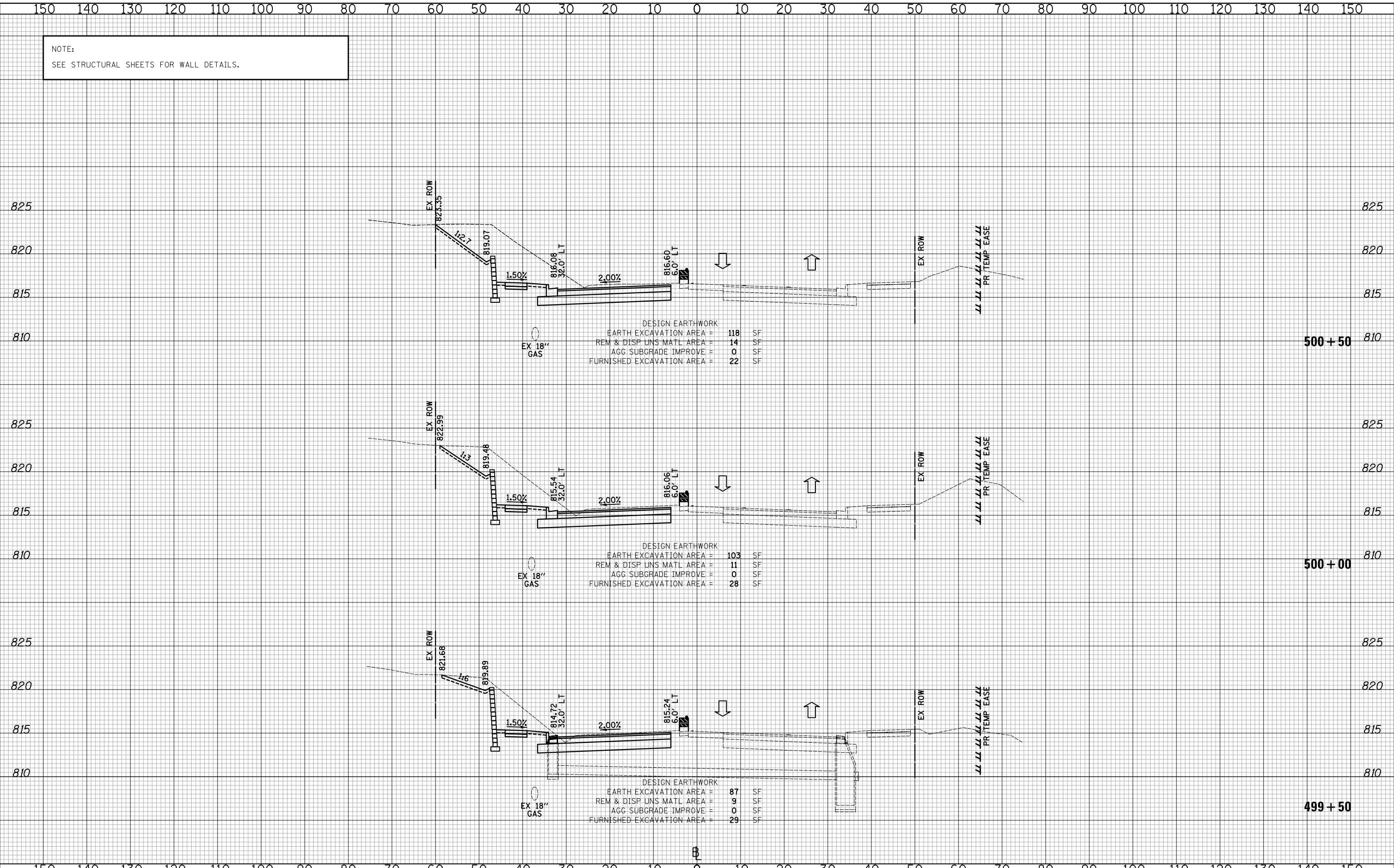
**STATE OF ILLINOIS
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	569
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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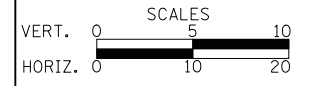
DATE	
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CROSS SECTIONS STAGE II - QUENTIN ROAD

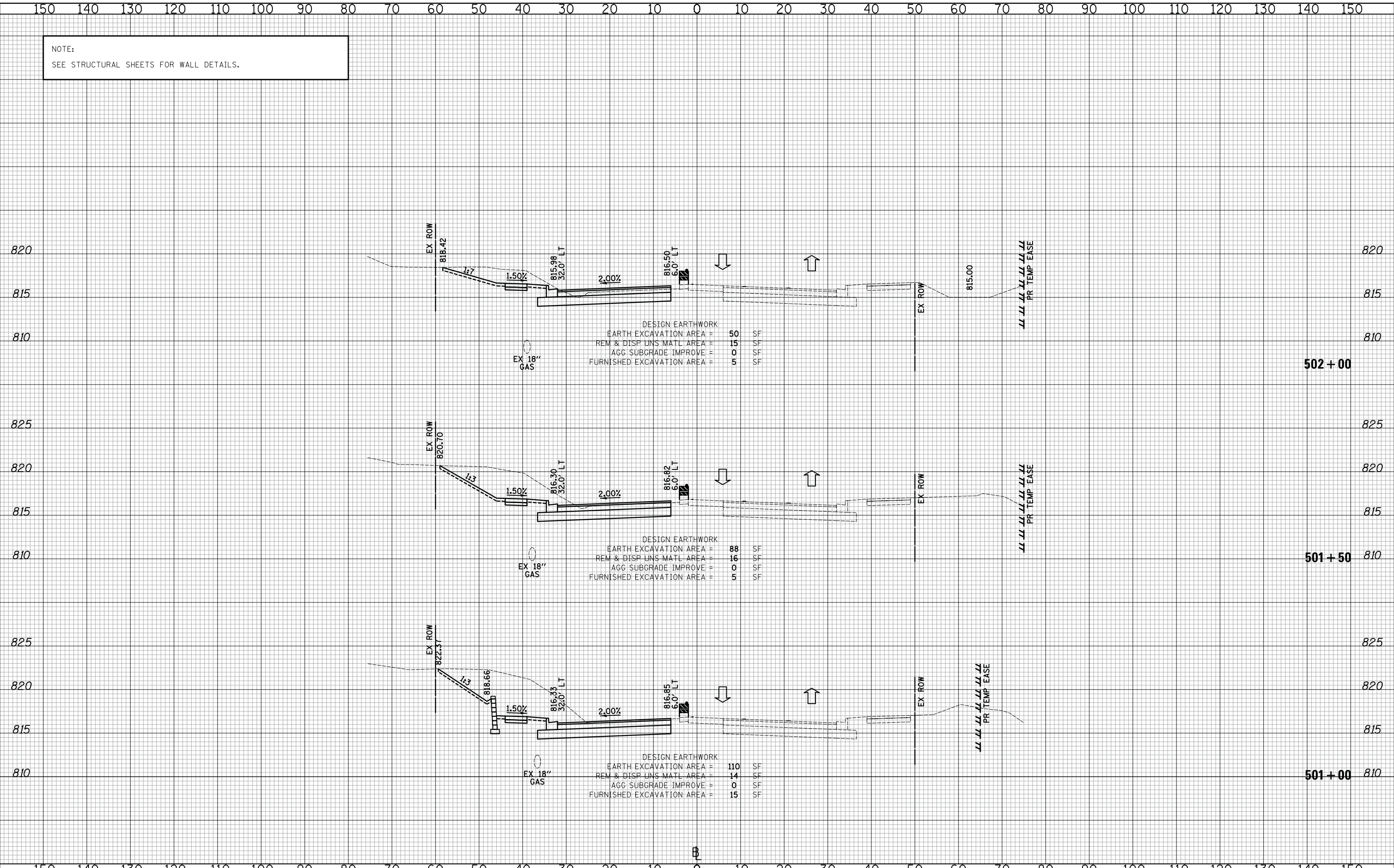
SHEET NO. 77 OF 89 SHEETS STA. 499+50 TO STA. 500+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	570
				CONTRACT NO. 61E22
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 =	50	SF
REM & DISP UNS MATL AREA =	15	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	5	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	88	SF
REM & DISP UNS MATL AREA =	16	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	5	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	110	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	15	SF

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DATE - 11/13/2017	REVISED -

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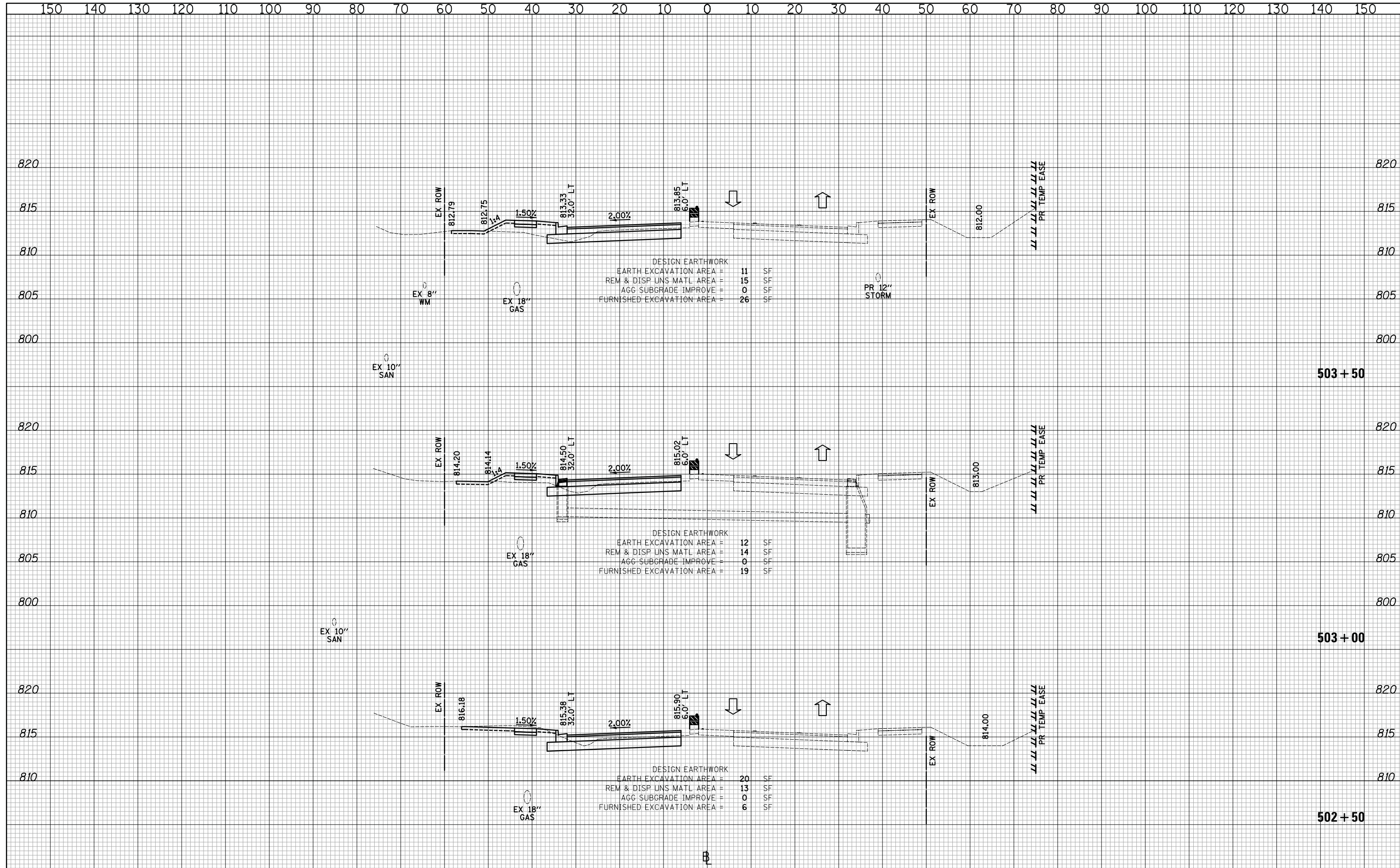
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 78 OF 89 SHEETS STA. 501+00 TO STA. 502+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	571
				CONTRACT NO. 61E22
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	=	11	SF
REM & DISP UNS MATL AREA	=	15	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	26	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	12	SF
REM & DISP UNS MATL AREA	=	14	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	19	SF

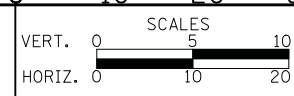
DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	20	SF
REM & DISP UNS MATL AREA	=	13	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	6	SF

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DATE - 11/13/2017	REVISED -

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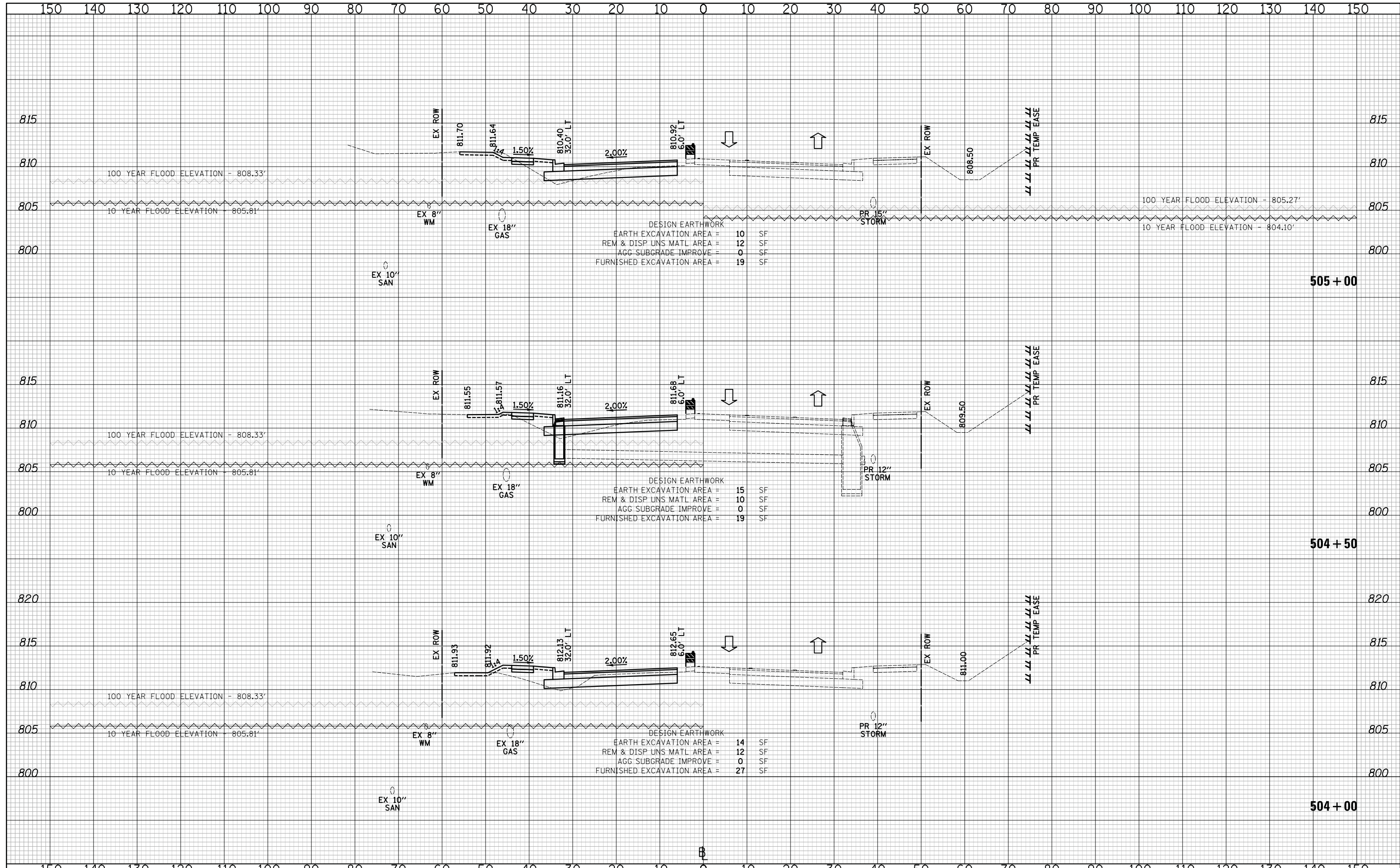
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 79 OF 89 SHEETS STA. 502+50 TO STA. 503+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	572
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

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FINAL SURVEY	
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ORIGINAL SURVEY	
NOTE BOOK	
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DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	10	SF
REM & DISP UNS MATL AREA	=	12	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	19	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	15	SF
REM & DISP UNS MATL AREA	=	10	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	19	SF

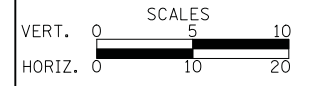
DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	14	SF
REM & DISP UNS MATL AREA	=	12	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	27	SF

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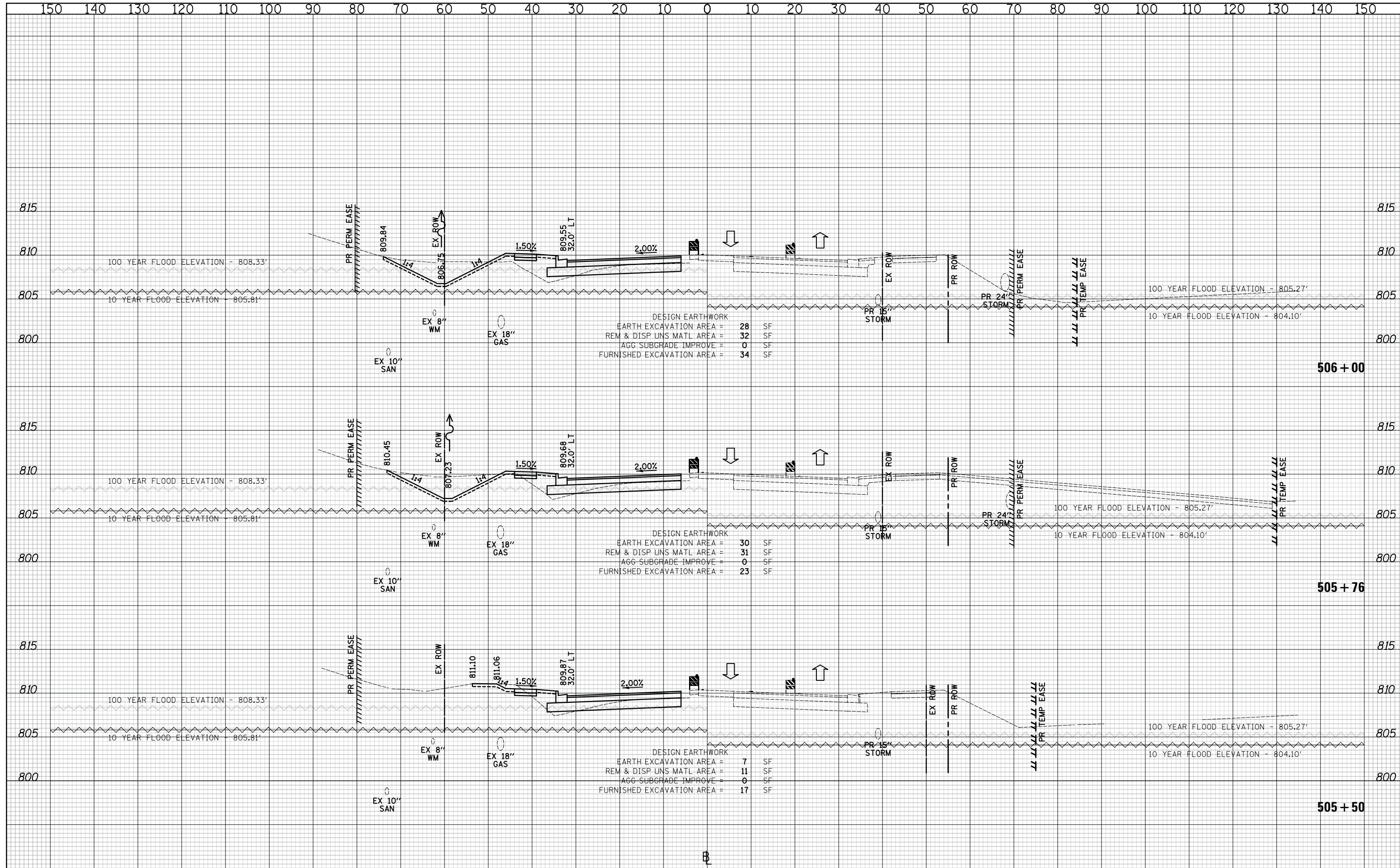
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 80 OF 89 SHEETS STA. 504+00 TO STA. 505+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	573
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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NOTE BOOK	
AREAS CHECKED	
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DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	28	SF
REM & DISP UNS MATL AREA	=	32	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	34	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	30	SF
REM & DISP UNS MATL AREA	=	31	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	23	SF

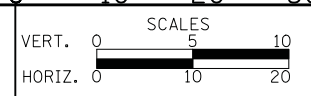
DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	7	SF
REM & DISP UNS MATL AREA	=	11	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	17	SF

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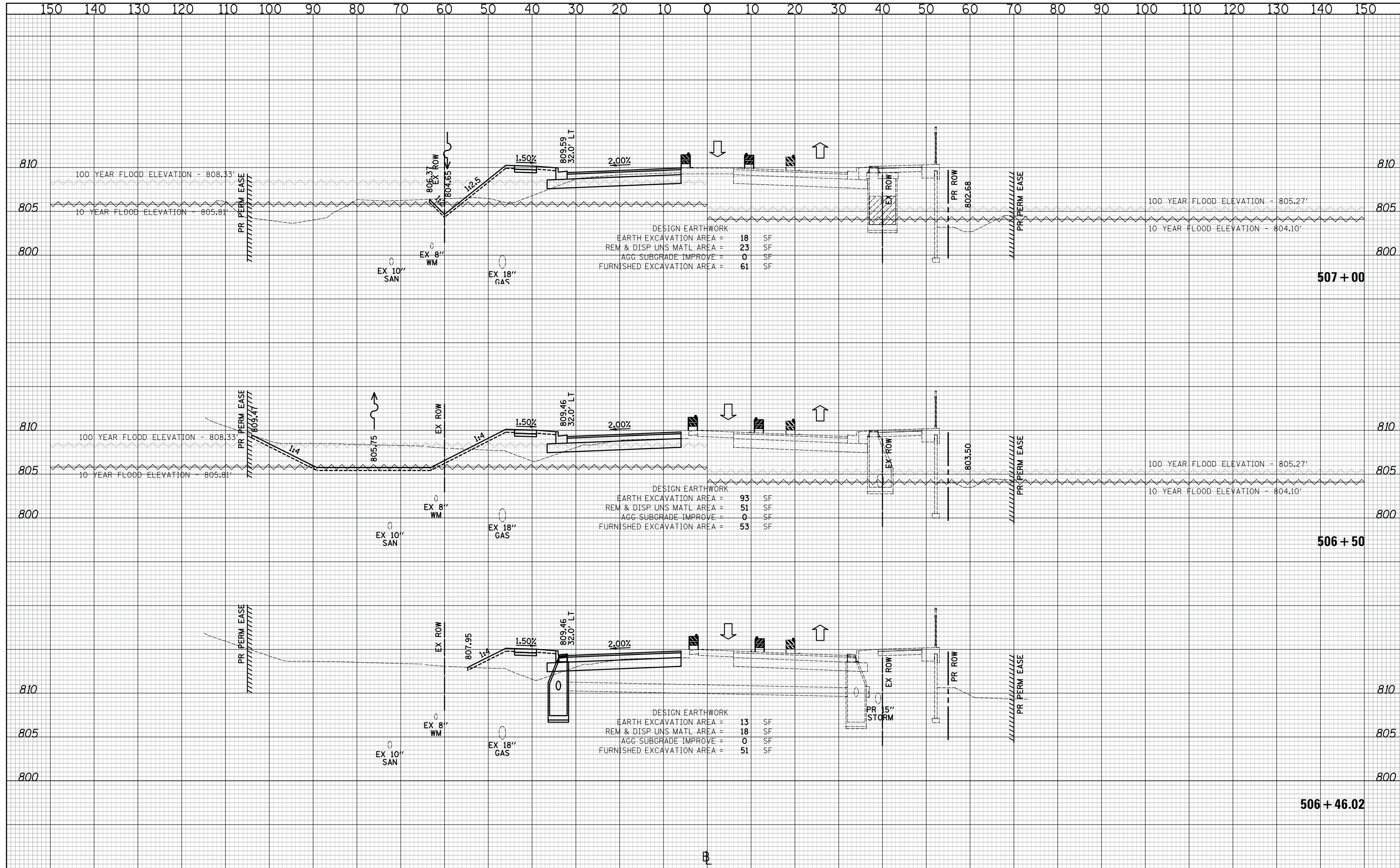
CROSS SECTIONS STAGE II - QUENTIN ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	574
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SHEET NO. 81 OF 89 SHEETS STA. 505+50 TO STA. 506+00

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FINAL SURVEY	
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DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	18	SF
REM & DISP UNS MATL AREA	=	23	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	61	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	93	SF
REM & DISP UNS MATL AREA	=	51	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	53	SF

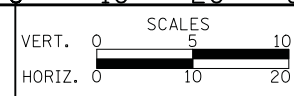
DESIGN EARTHWORK

EARTH EXCAVATION AREA	=	13	SF
REM & DISP UNS MATL AREA	=	18	SF
AGG SUBGRADE IMPROVE	=	0	SF
FURNISHED EXCAVATION AREA	=	51	SF

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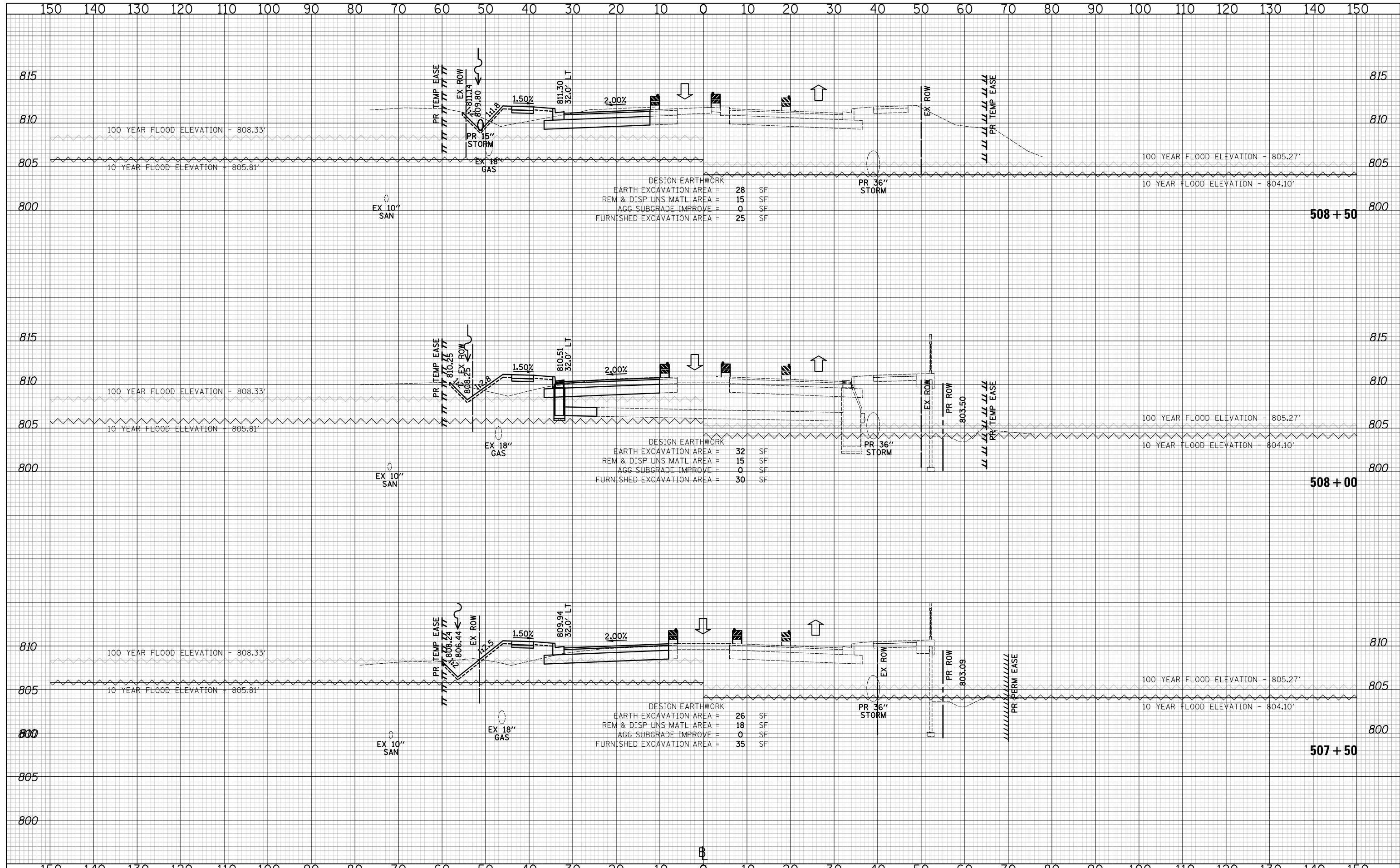
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 82 OF 89 SHEETS | STA. 506+50 TO STA. 506+77.43

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	575
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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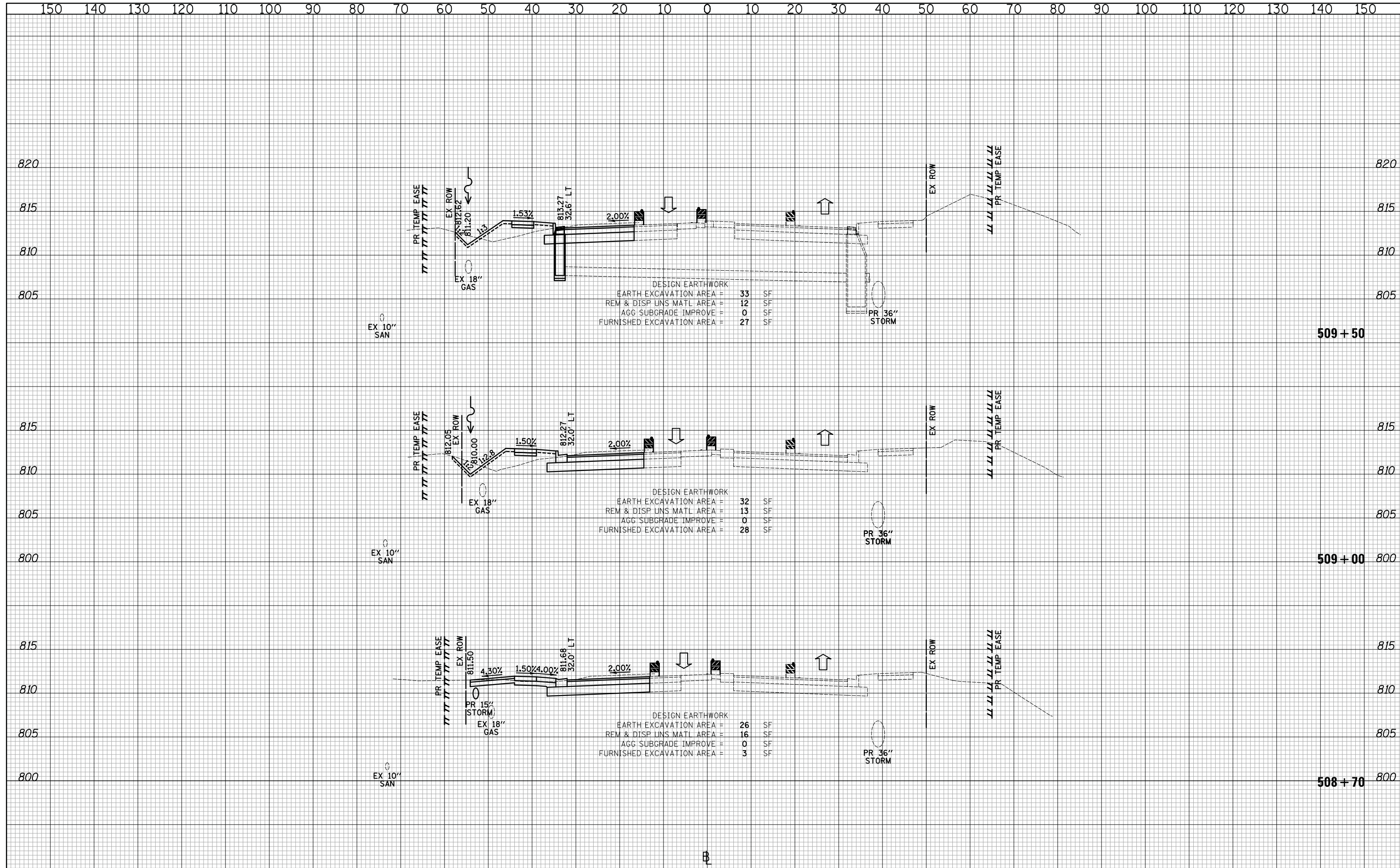
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 83 OF 89 SHEETS STA. 507+00 TO STA. 508+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	576
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	33	SF
REM & DISP UNS MATL AREA =	12	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	27	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	32	SF
REM & DISP UNS MATL AREA =	13	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	28	SF

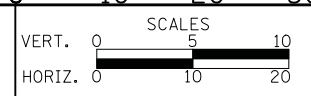
DESIGN EARTHWORK

EARTH EXCAVATION AREA =	26	SF
REM & DISP UNS MATL AREA =	16	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	3	SF

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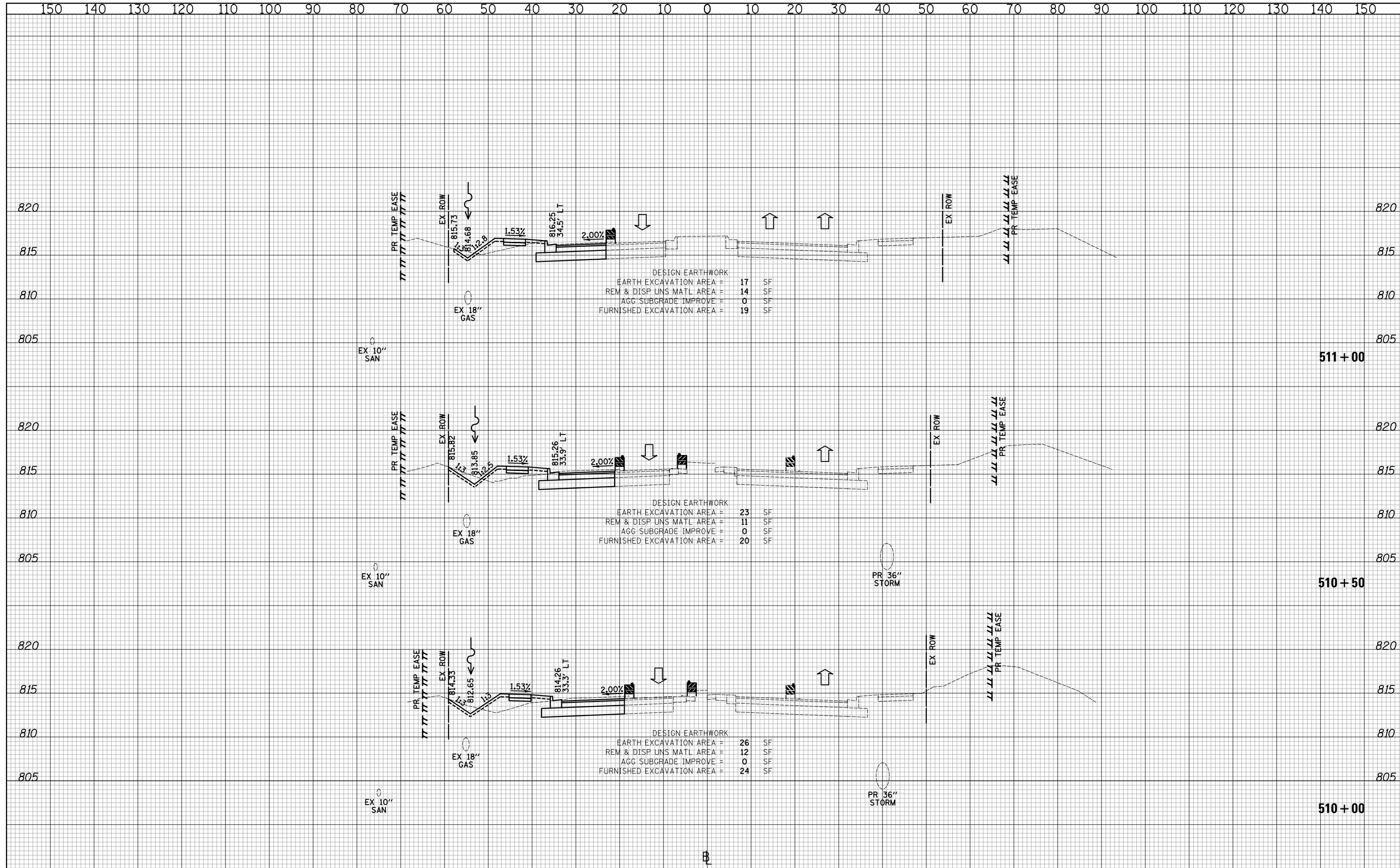
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 84 OF 89 SHEETS STA. 508+70 TO STA. 509+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	577
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

DATE	
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DESIGN EARTHWORK

EARTH EXCAVATION AREA =	17	SF
REM & DISP UNS MATL AREA =	14	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	19	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	23	SF
REM & DISP UNS MATL AREA =	11	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	20	SF

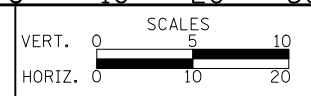
DESIGN EARTHWORK

EARTH EXCAVATION AREA =	26	SF
REM & DISP UNS MATL AREA =	12	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	24	SF

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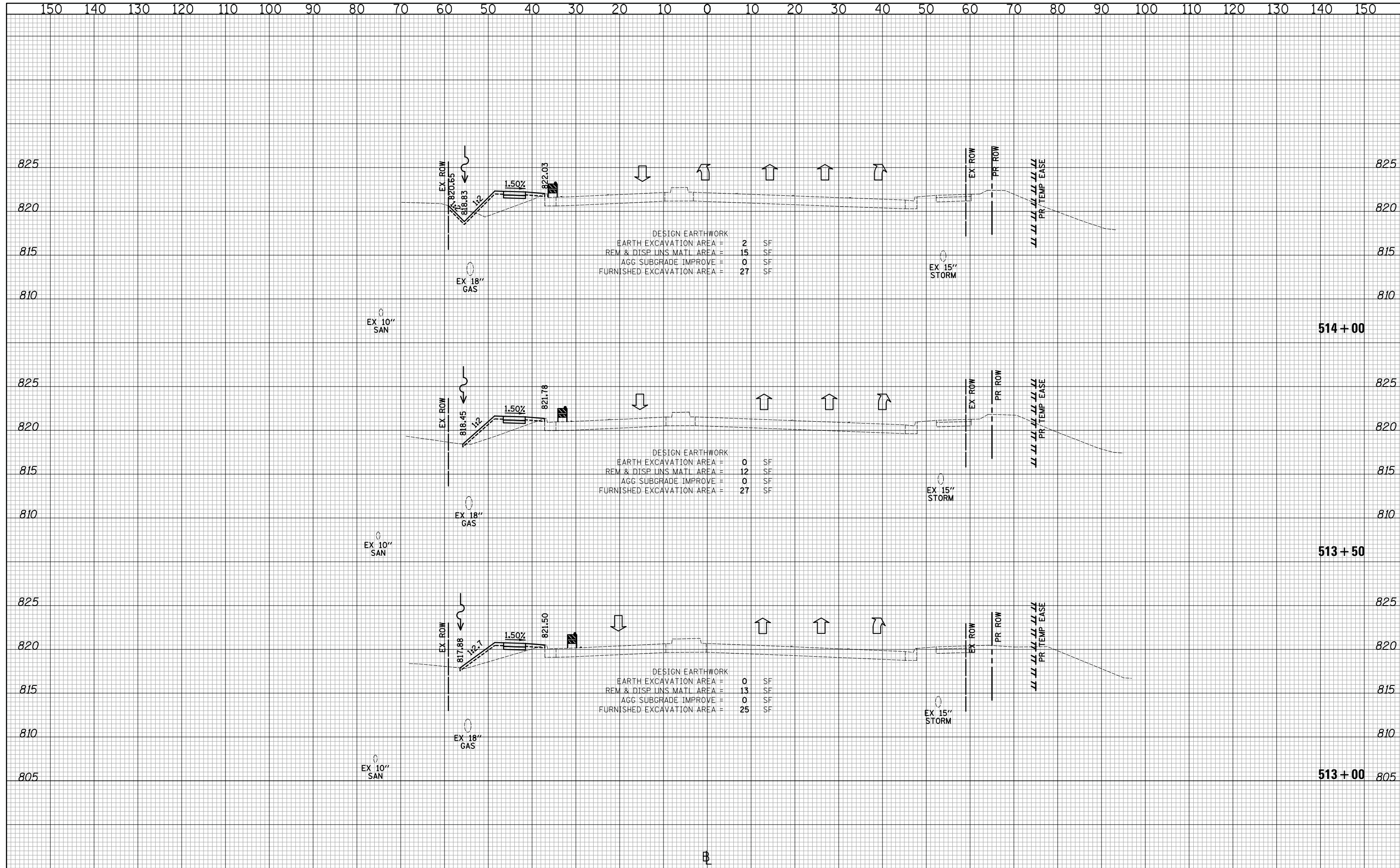
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 85 OF 89 SHEETS STA. 510+00 TO STA. 511+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	578
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 2 SF
 REM & DISP UNS MATL AREA = 15 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 27 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 REM & DISP UNS MATL AREA = 12 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 27 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 REM & DISP UNS MATL AREA = 13 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 25 SF

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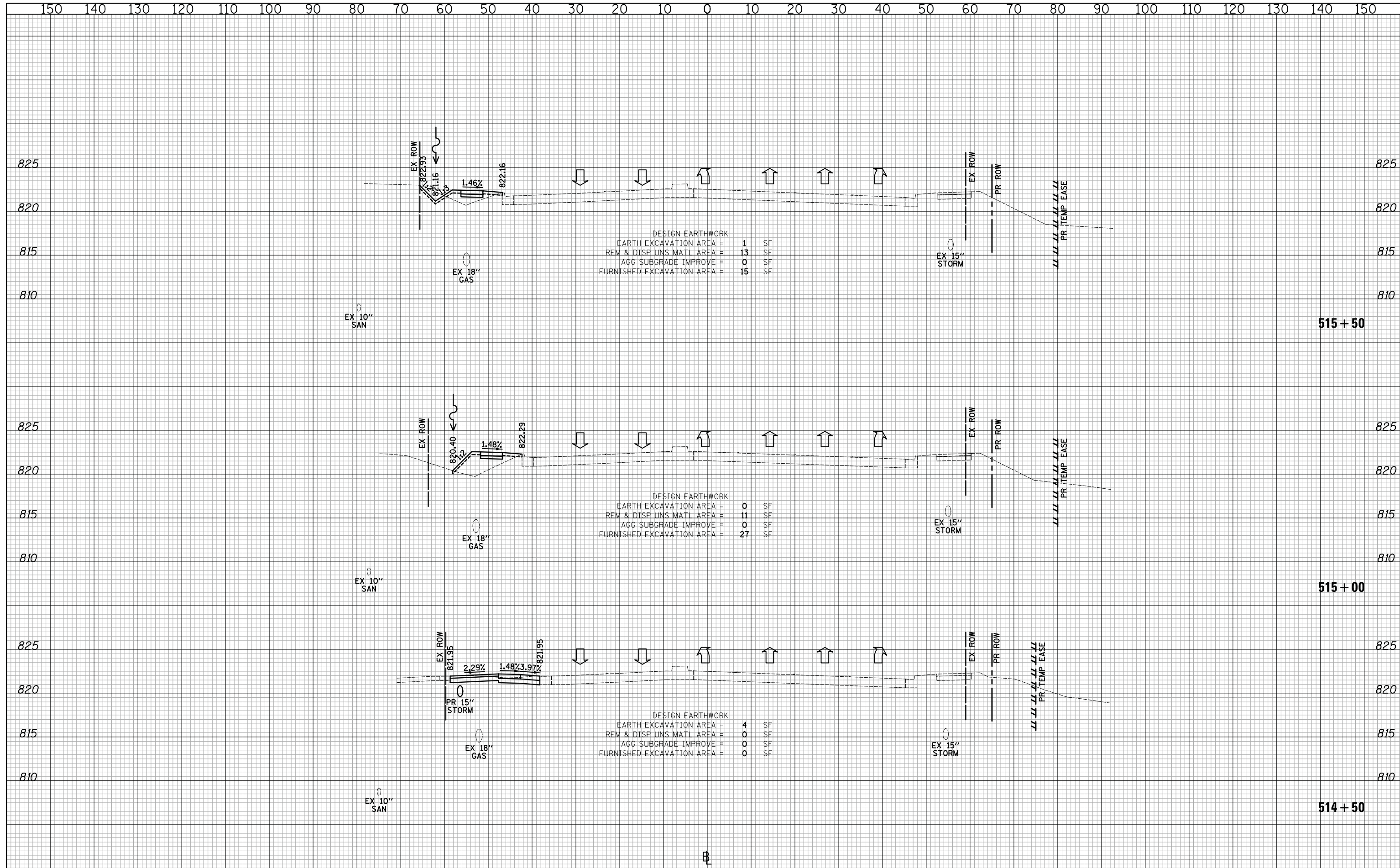
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 87 OF 89 SHEETS STA. 513+00 TO STA. 514+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	580
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 1 SF
 REM & DISP UNS MATL AREA = 13 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 15 SF

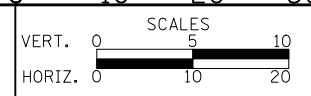
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 REM & DISP UNS MATL AREA = 11 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 27 SF

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 4 SF
 REM & DISP UNS MATL AREA = 0 SF
 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

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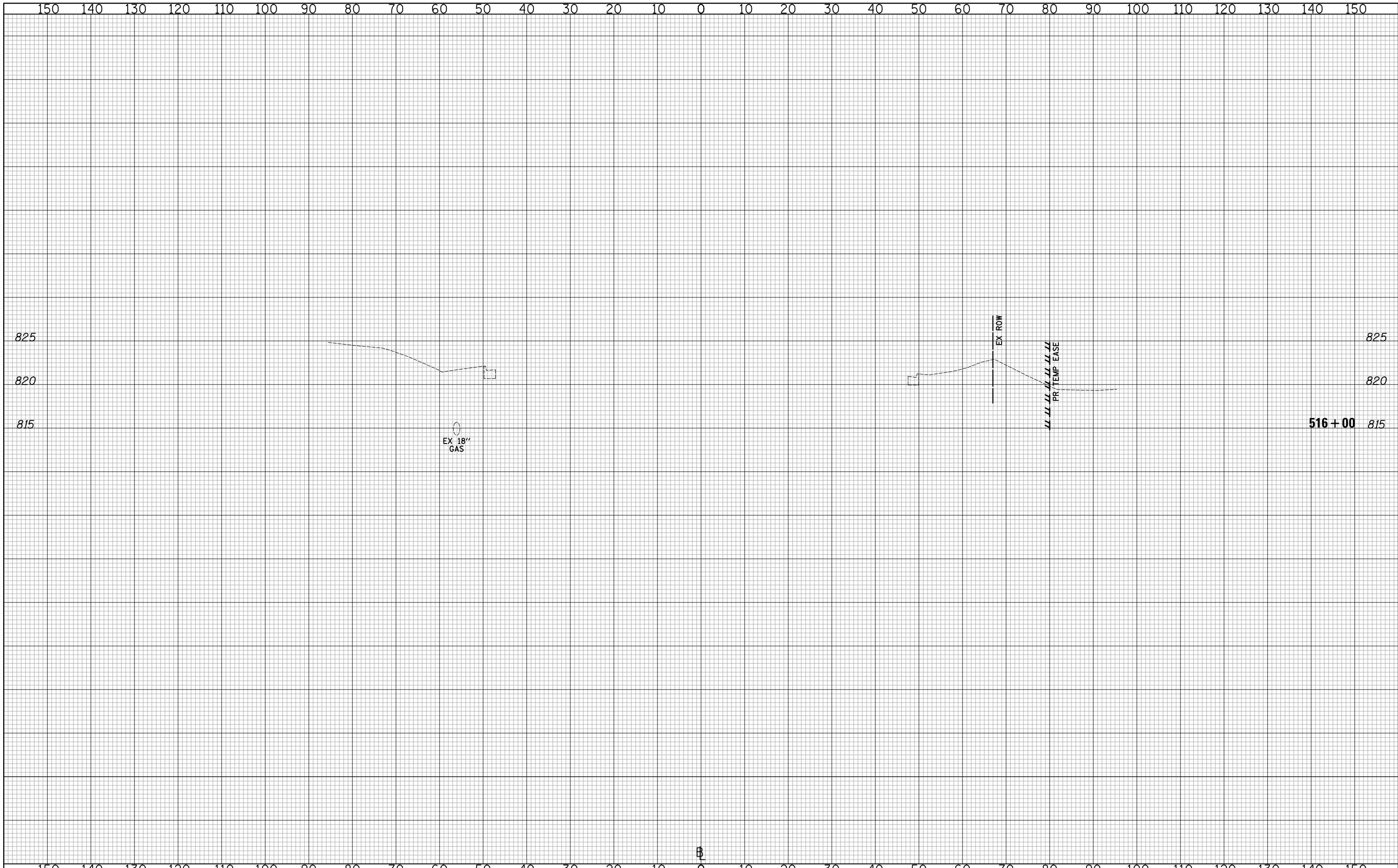
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 88 OF 89 SHEETS STA. 514+50 TO STA. 515+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	581
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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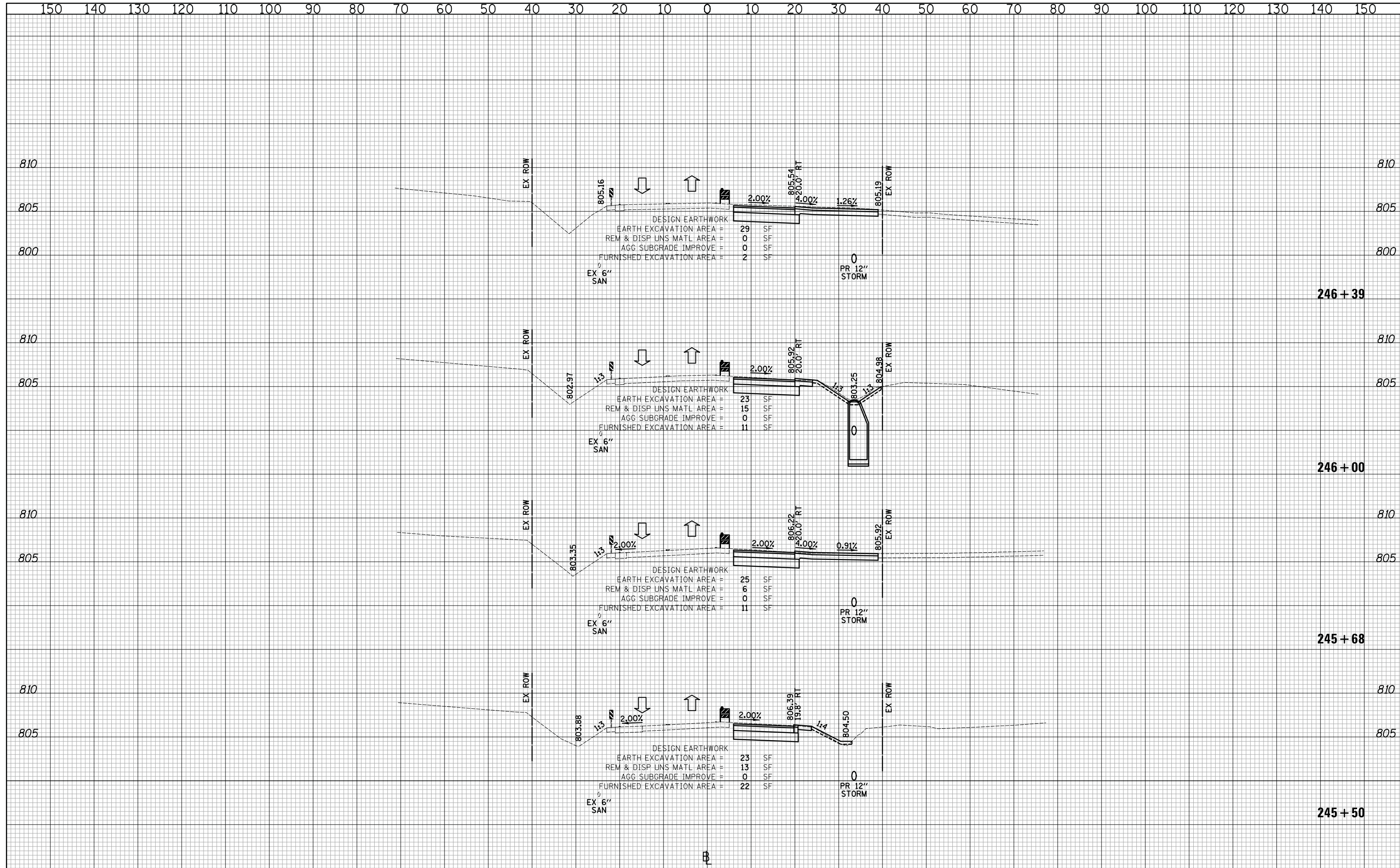
CROSS SECTIONS STAGE II - QUENTIN ROAD

SHEET NO. 89 OF 89 SHEETS STA. 516+00 TO STA. 516+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	582
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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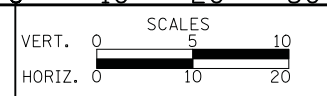
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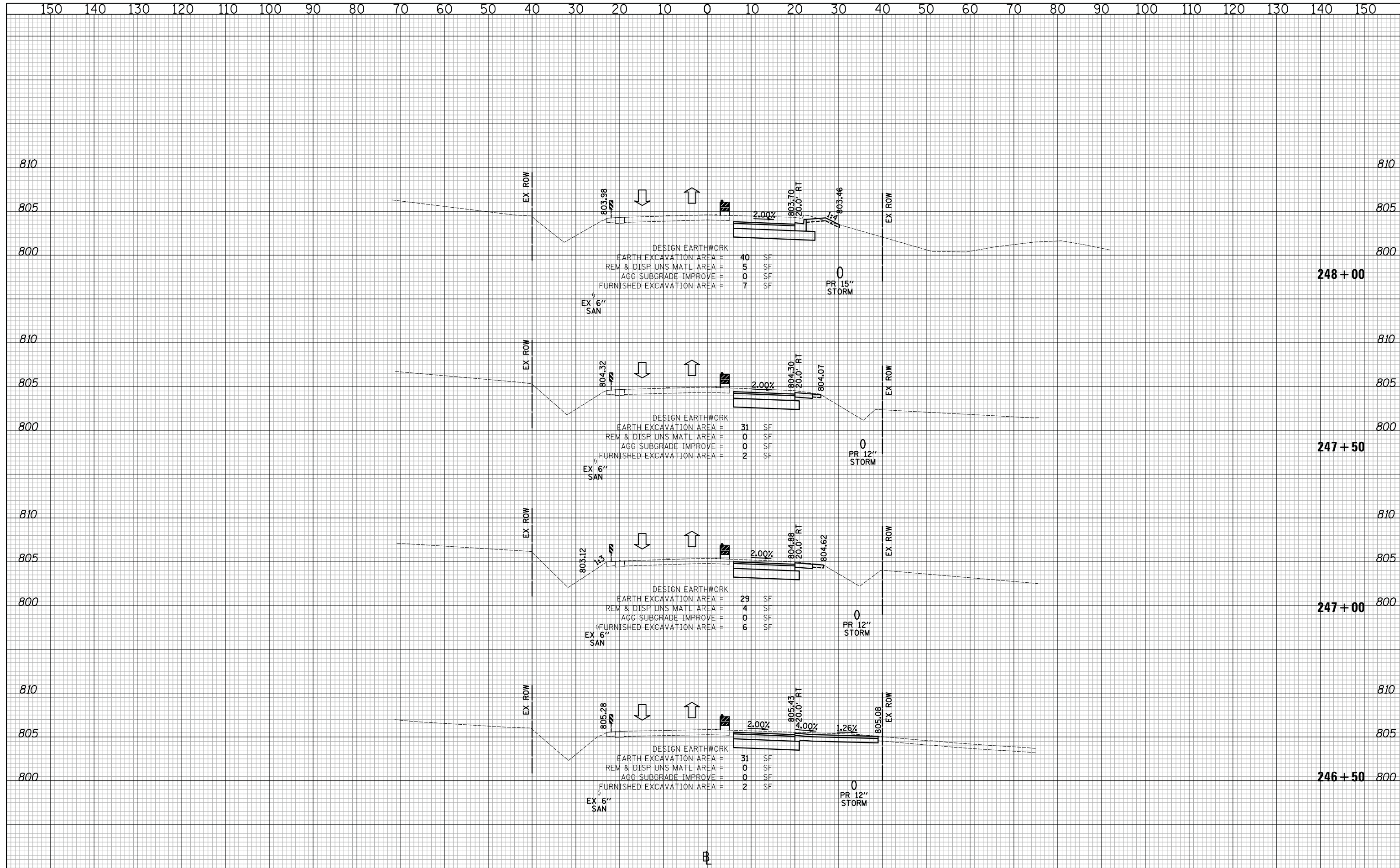
CROSS SECTIONS STAGE II - WEST CUBA ROAD

SHEET NO. 2 OF 4 SHEETS STA. 245+50 TO STA. 246+39

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	584
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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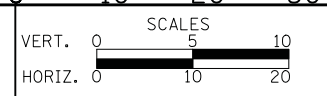
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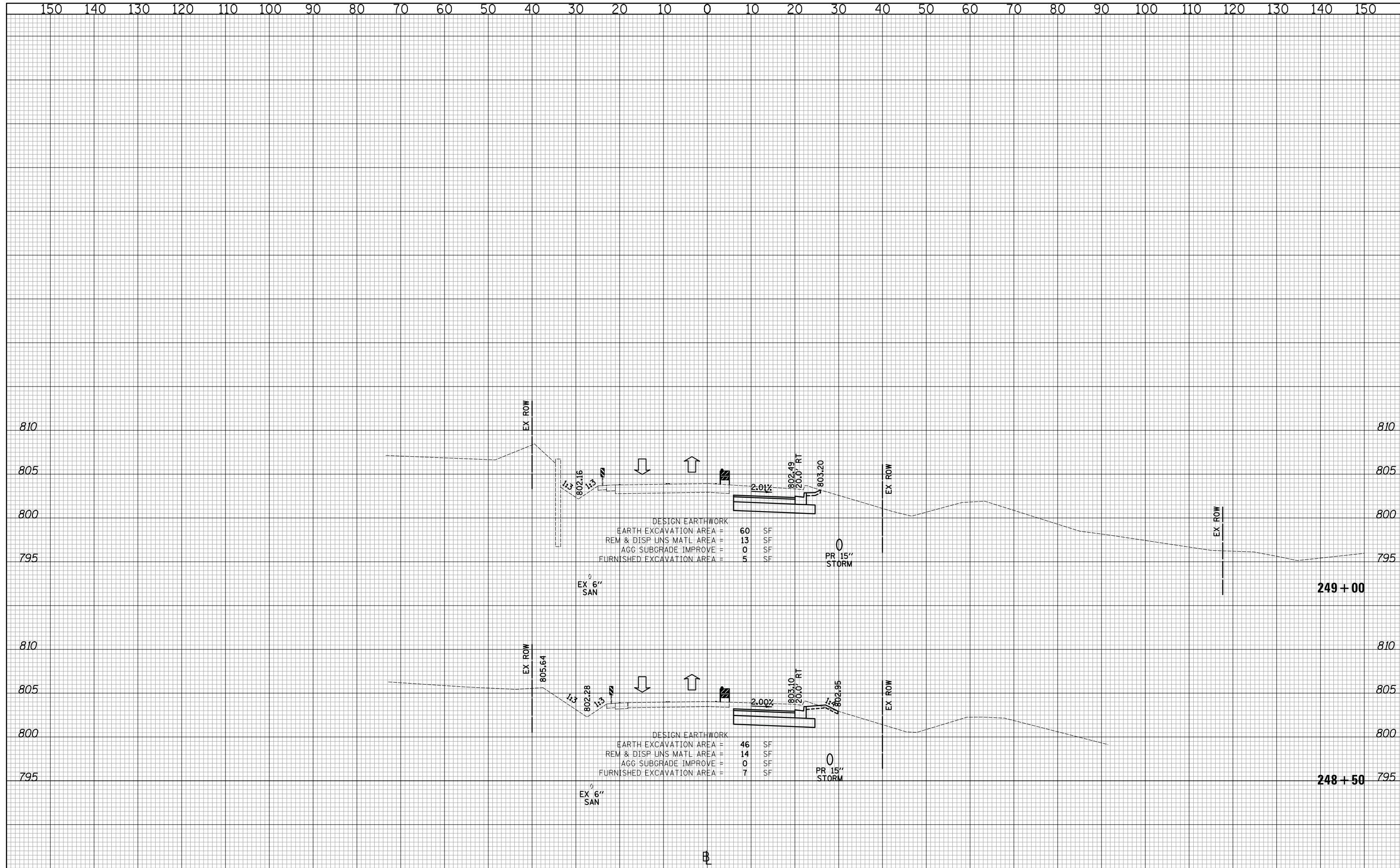
CROSS SECTIONS STAGE II - WEST CUBA ROAD

SHEET NO. 3 OF 4 SHEETS STA. 246+50 TO STA. 248+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	585
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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TEMPLATE	
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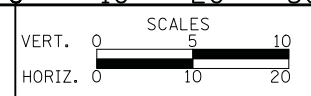
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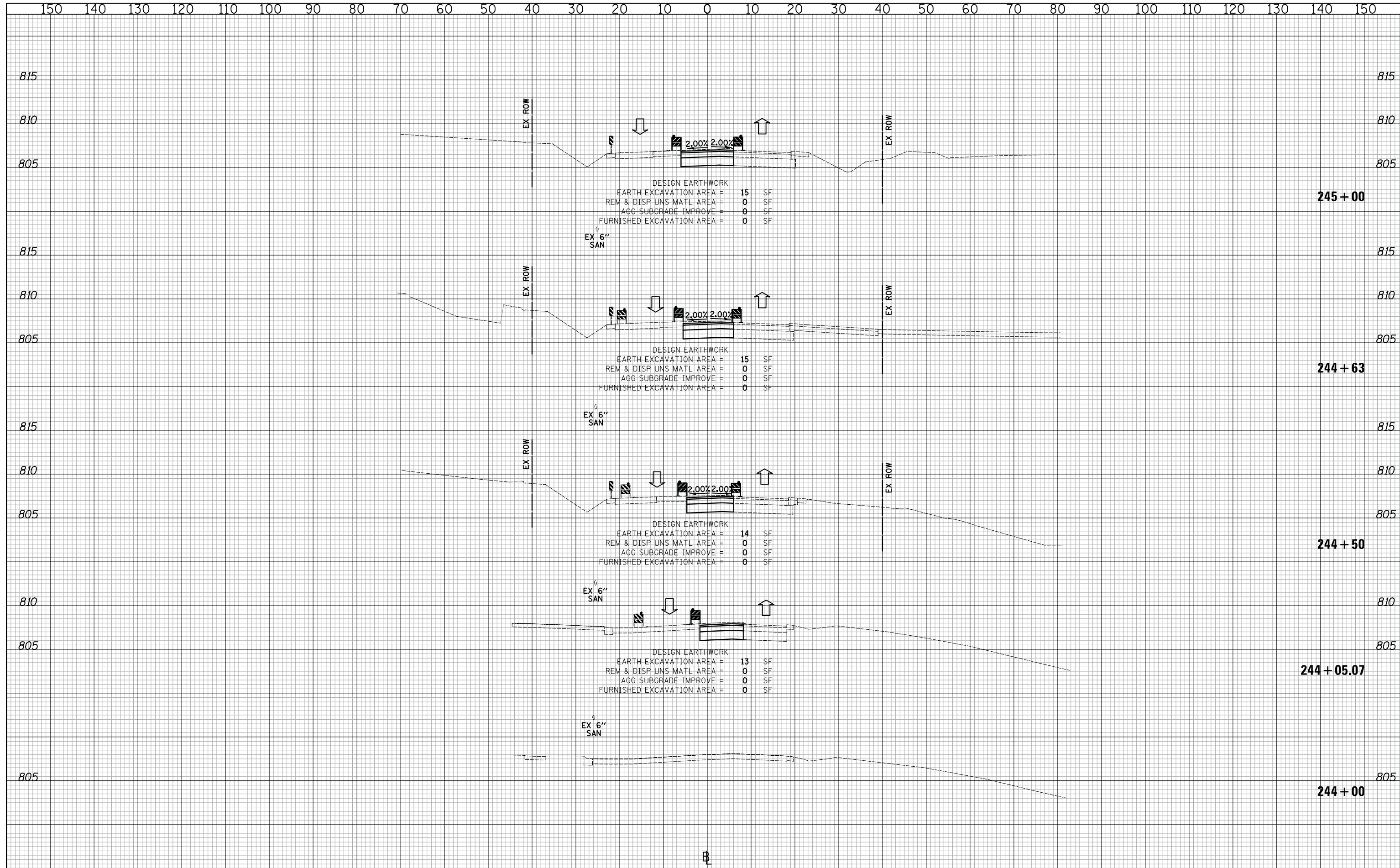
CROSS SECTIONS II - WEST CUBA ROAD

SHEET NO. 4 OF 4 SHEETS STA. 248+50 TO STA. 249+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	586
				CONTRACT NO. 61E22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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AREAS CHECKED	
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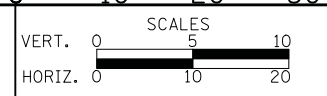
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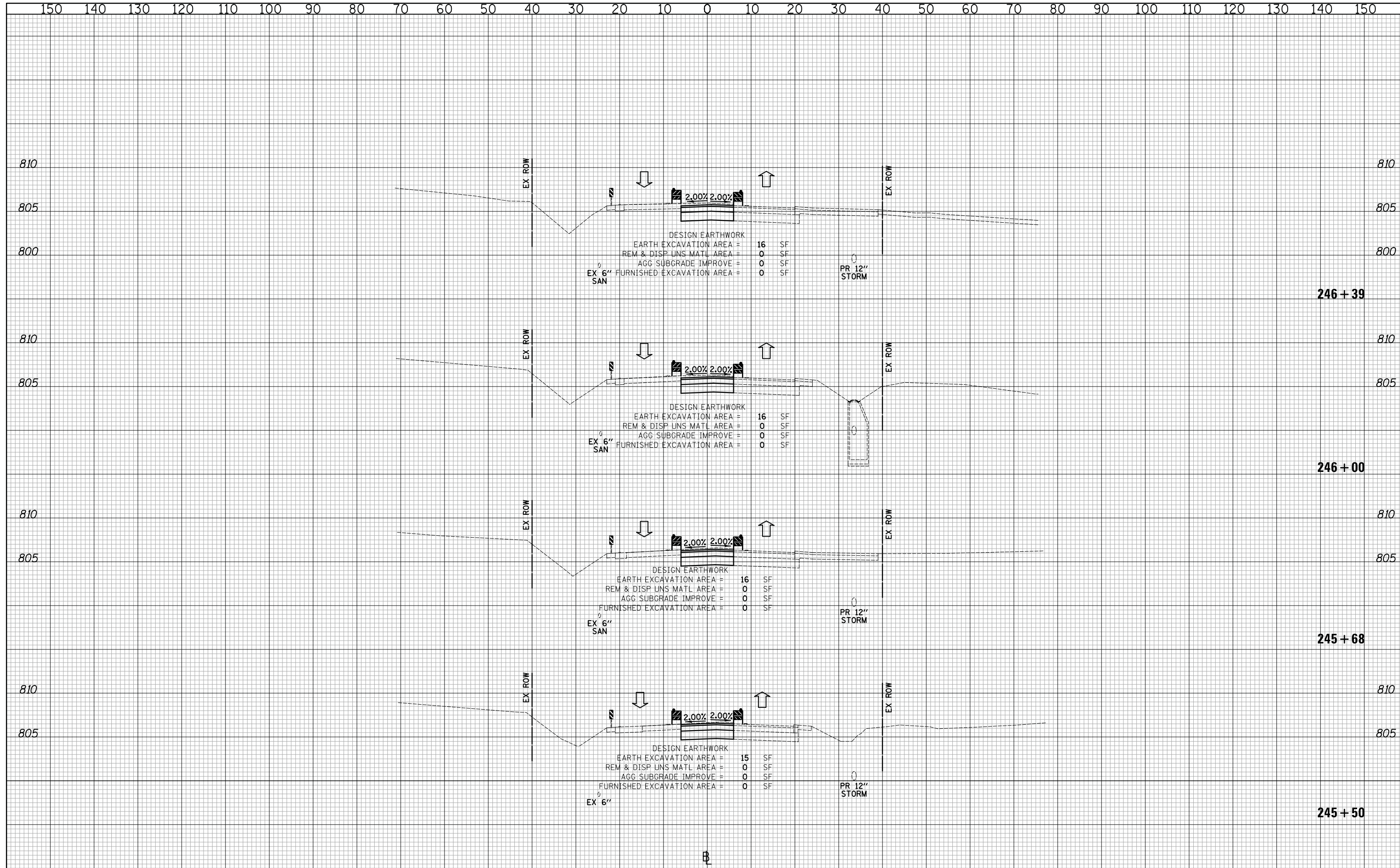
CROSS SECTIONS STAGE IIA - WEST CUBA ROAD

SHEET NO. 1 OF 4 SHEETS STA. 244+00 TO STA. 245+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	587
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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TEMPLATE	
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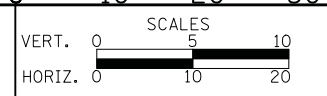
DATE	
BY	
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PLOTTED	
TEMPLATE	
AREAS	
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CHECKED - RTM	REVISED -
DATE - 11/13/2017	REVISED -

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 DEPARTMENT OF TRANSPORTATION**

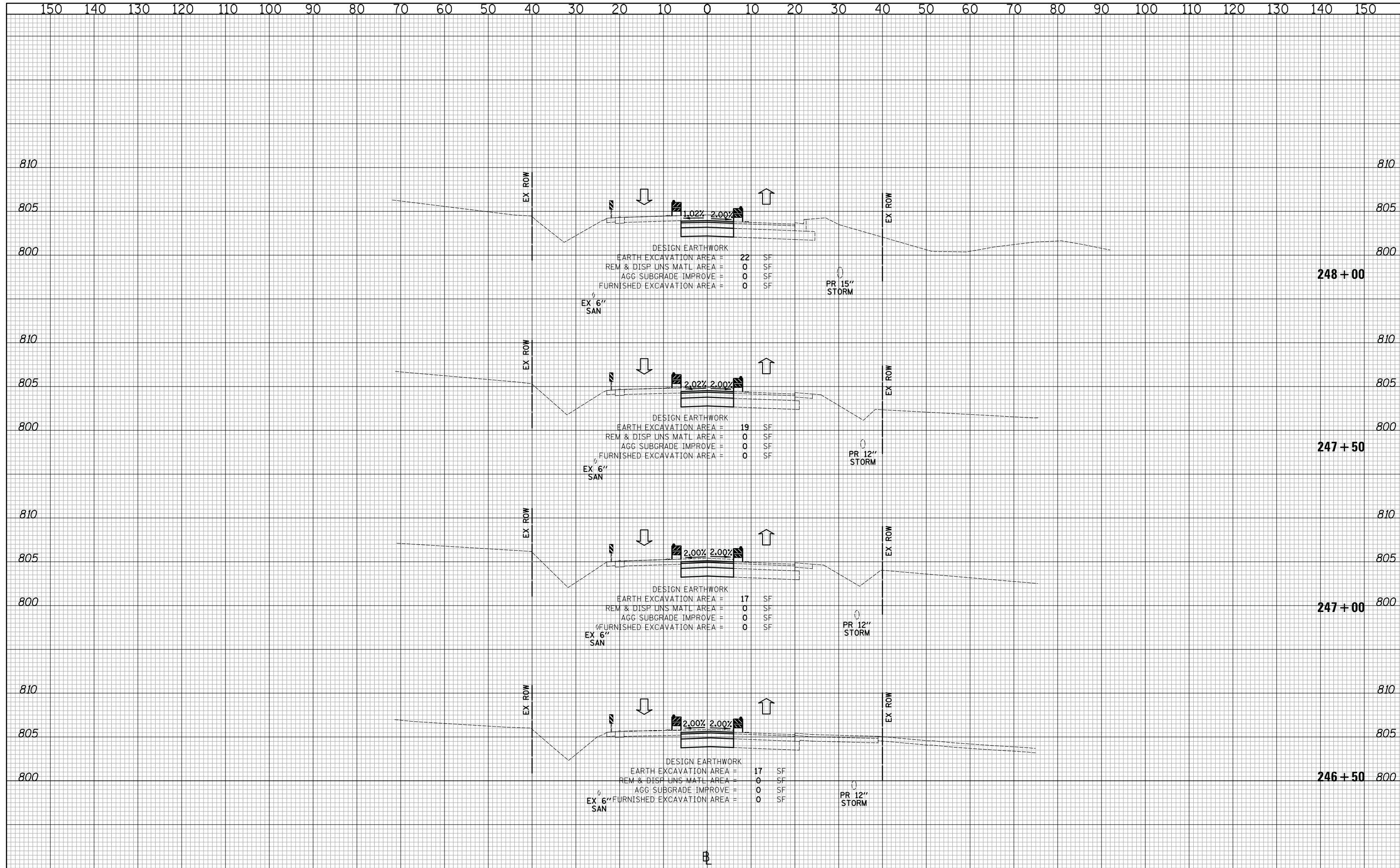


CROSS SECTIONS STAGE IIA - WEST CUBA ROAD
 SHEET NO. 2 OF 4 SHEETS STA. 245+50 TO STA. 246+39

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	588
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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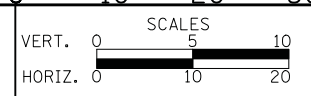
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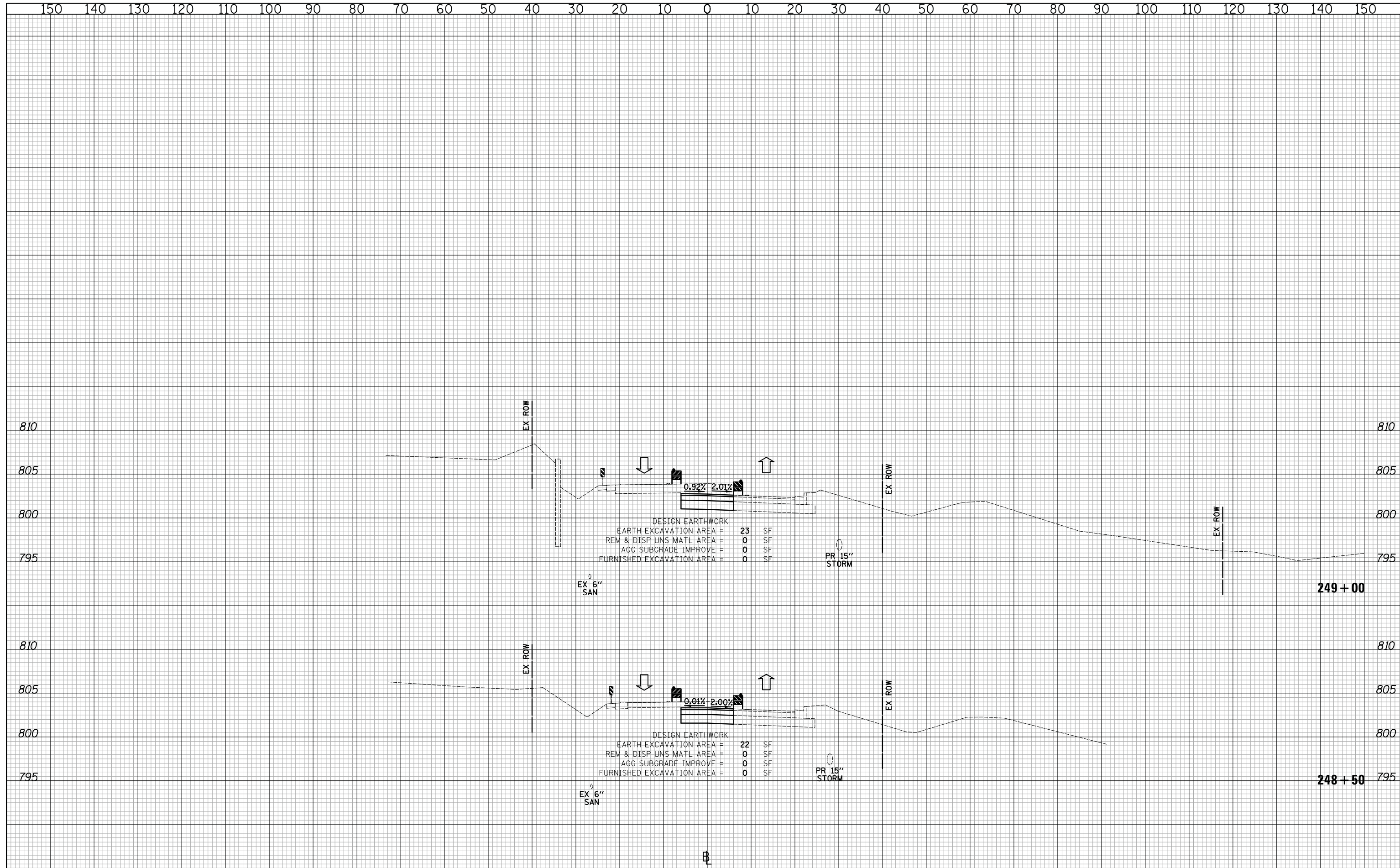
CROSS SECTIONS STAGE IIA - WEST CUBA ROAD

SHEET NO. 3 OF 4 SHEETS STA. 246+50 TO STA. 248+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	589
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
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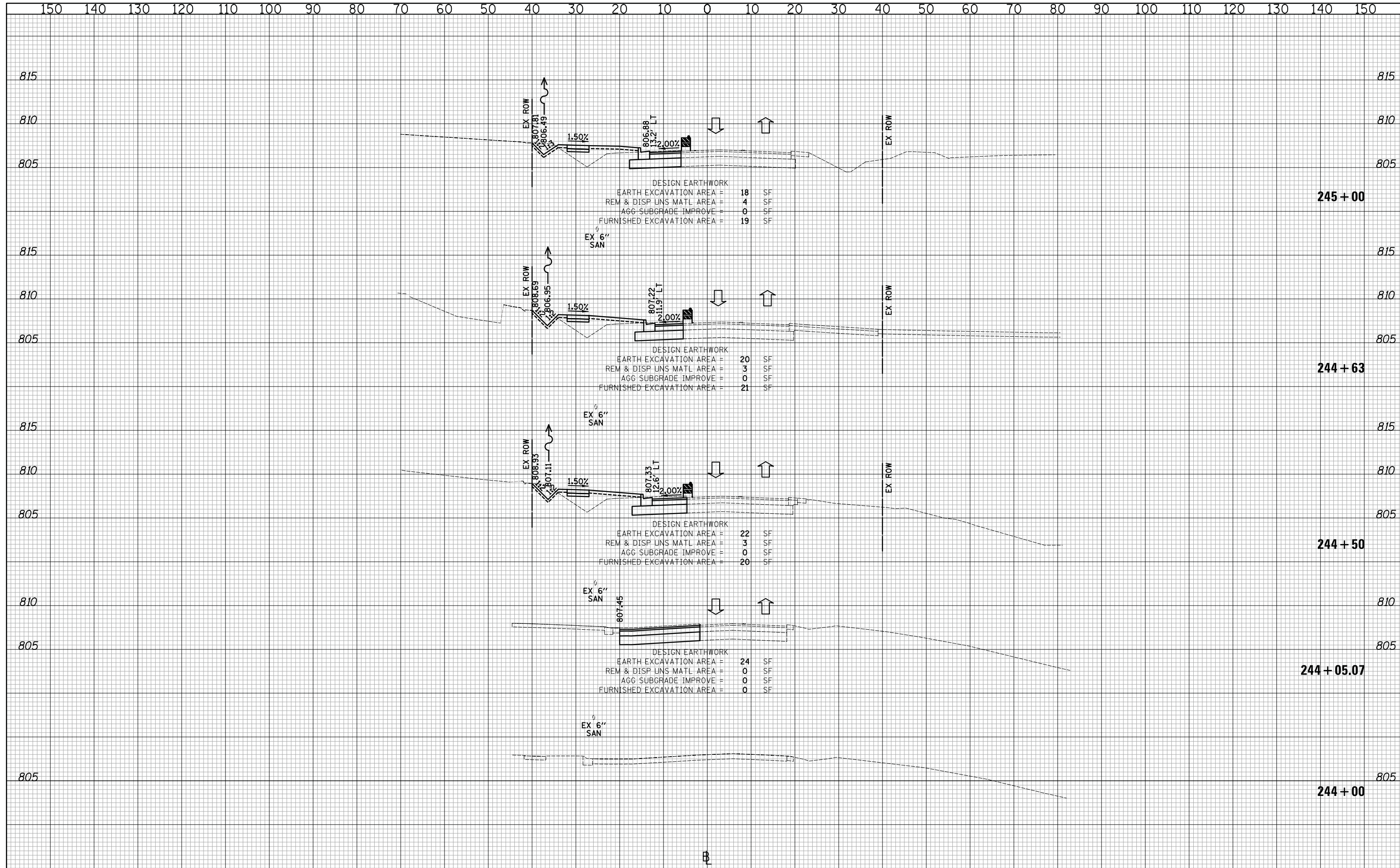
CROSS SECTIONS IIA - WEST CUBA ROAD

SHEET NO. 4 OF 4 SHEETS STA. 248+50 TO STA. 249+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	590
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

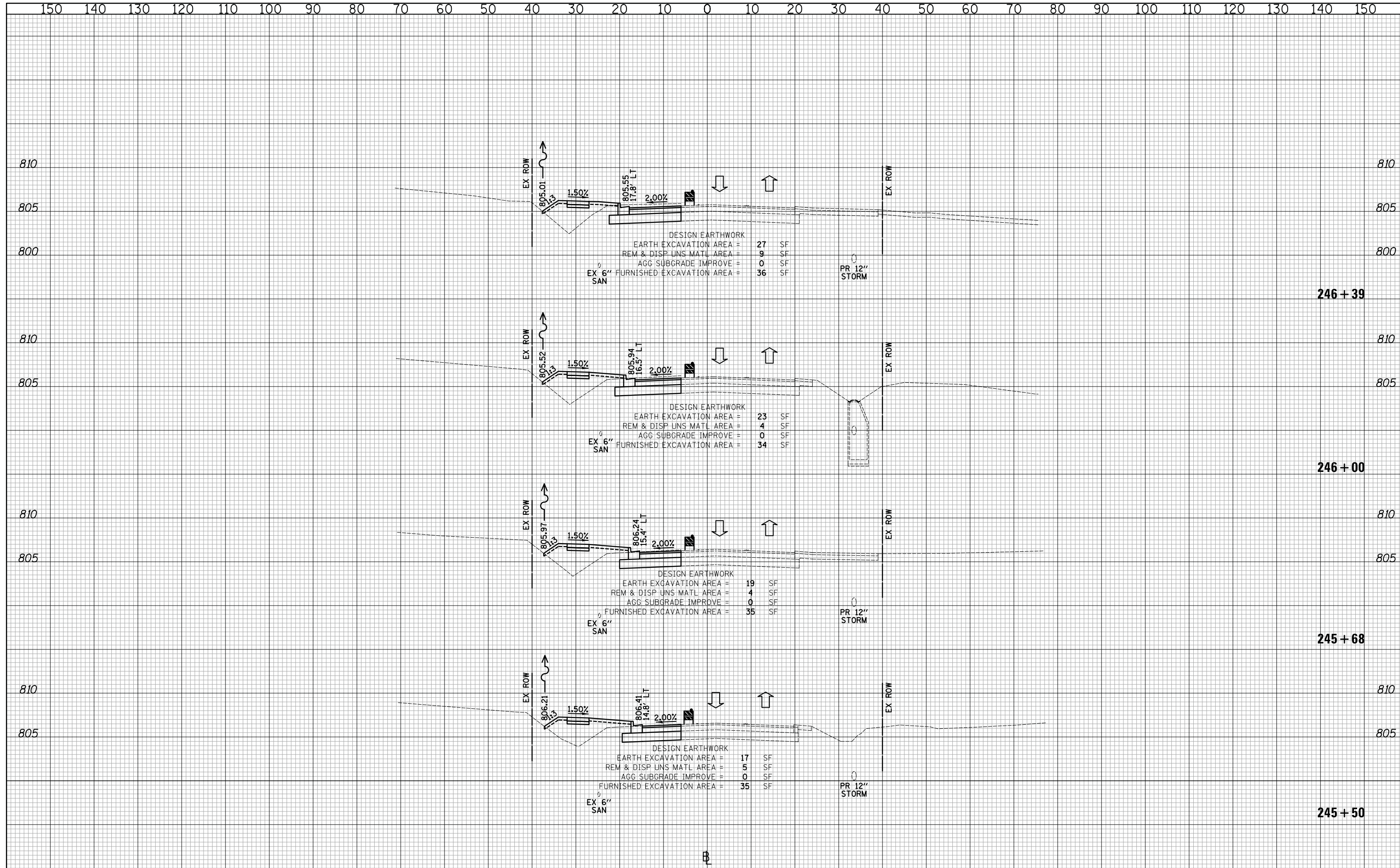
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DATE	
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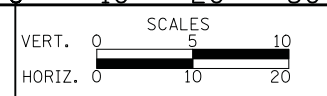
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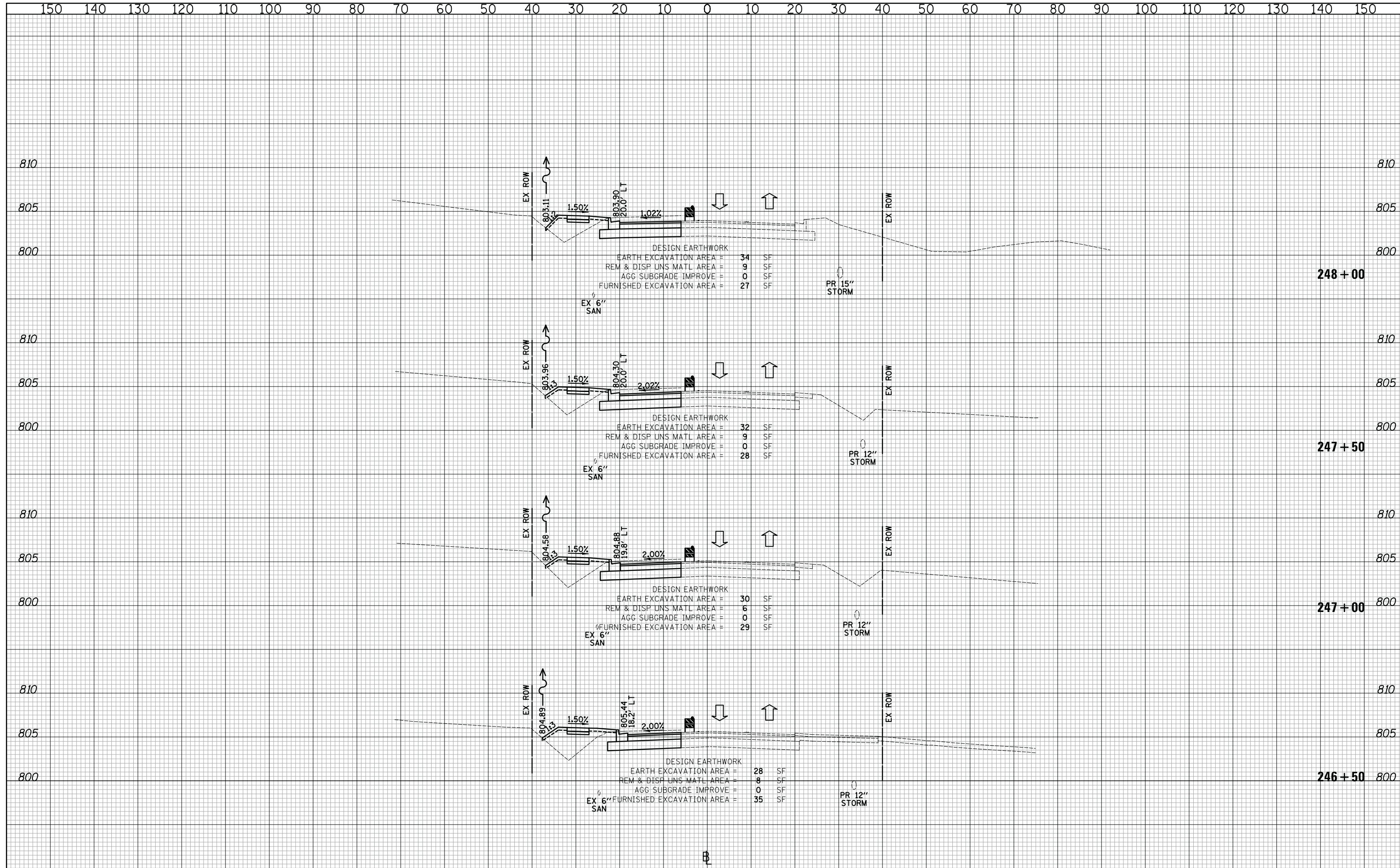
CROSS SECTIONS STAGE IIB - WEST CUBA ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	592
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SHEET NO. 2 OF 4 SHEETS STA. 245+50 TO STA. 246+39

DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS	
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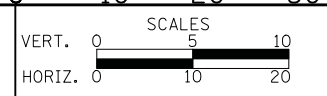
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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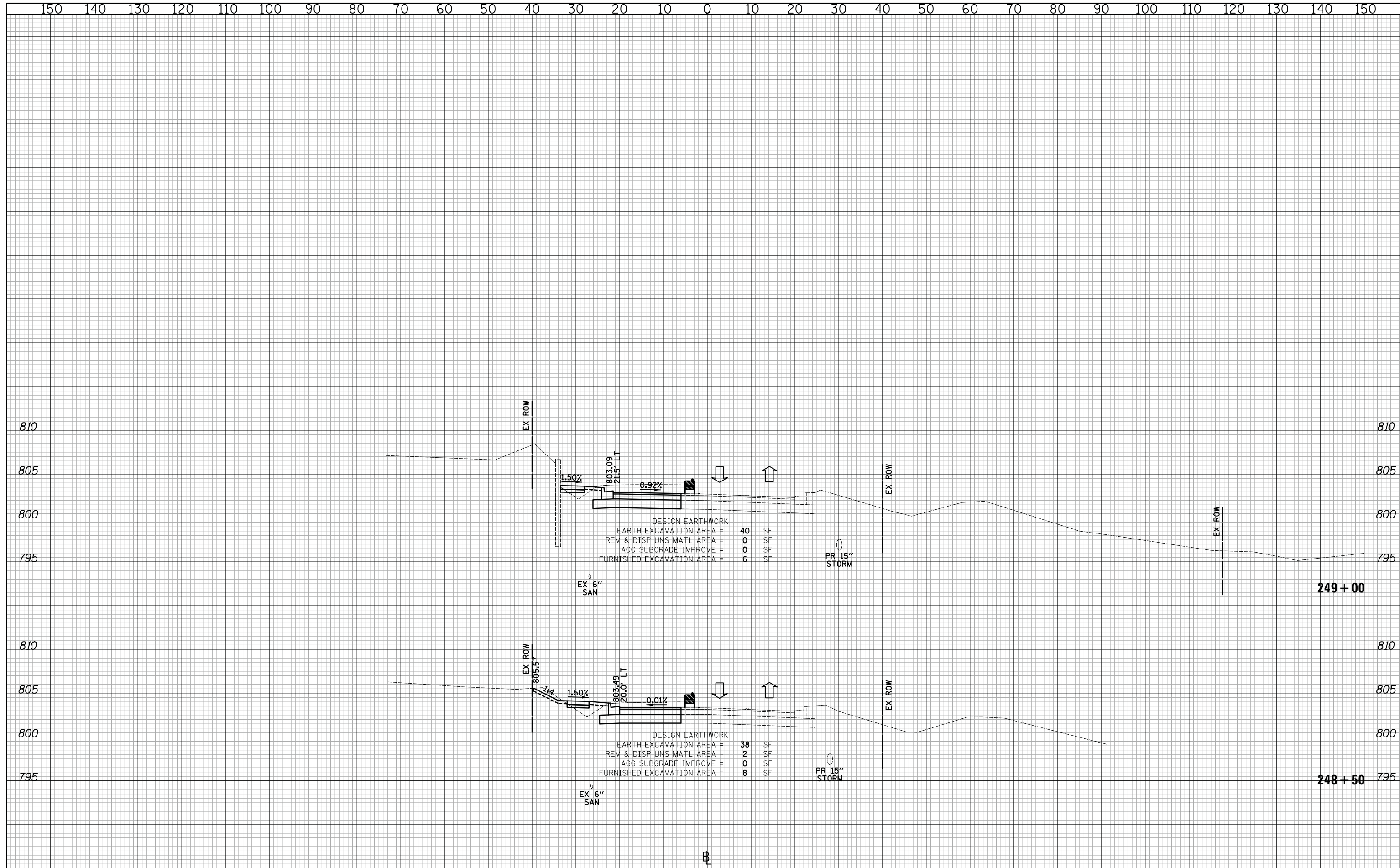
CROSS SECTIONS STAGE IIB - WEST CUBA ROAD

SHEET NO. 3 OF 4 SHEETS STA. 246+50 TO STA. 248+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	593
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
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TEMPLATE	
AREAS	
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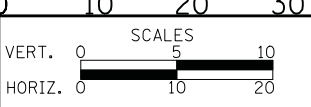
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TEMPLATE	
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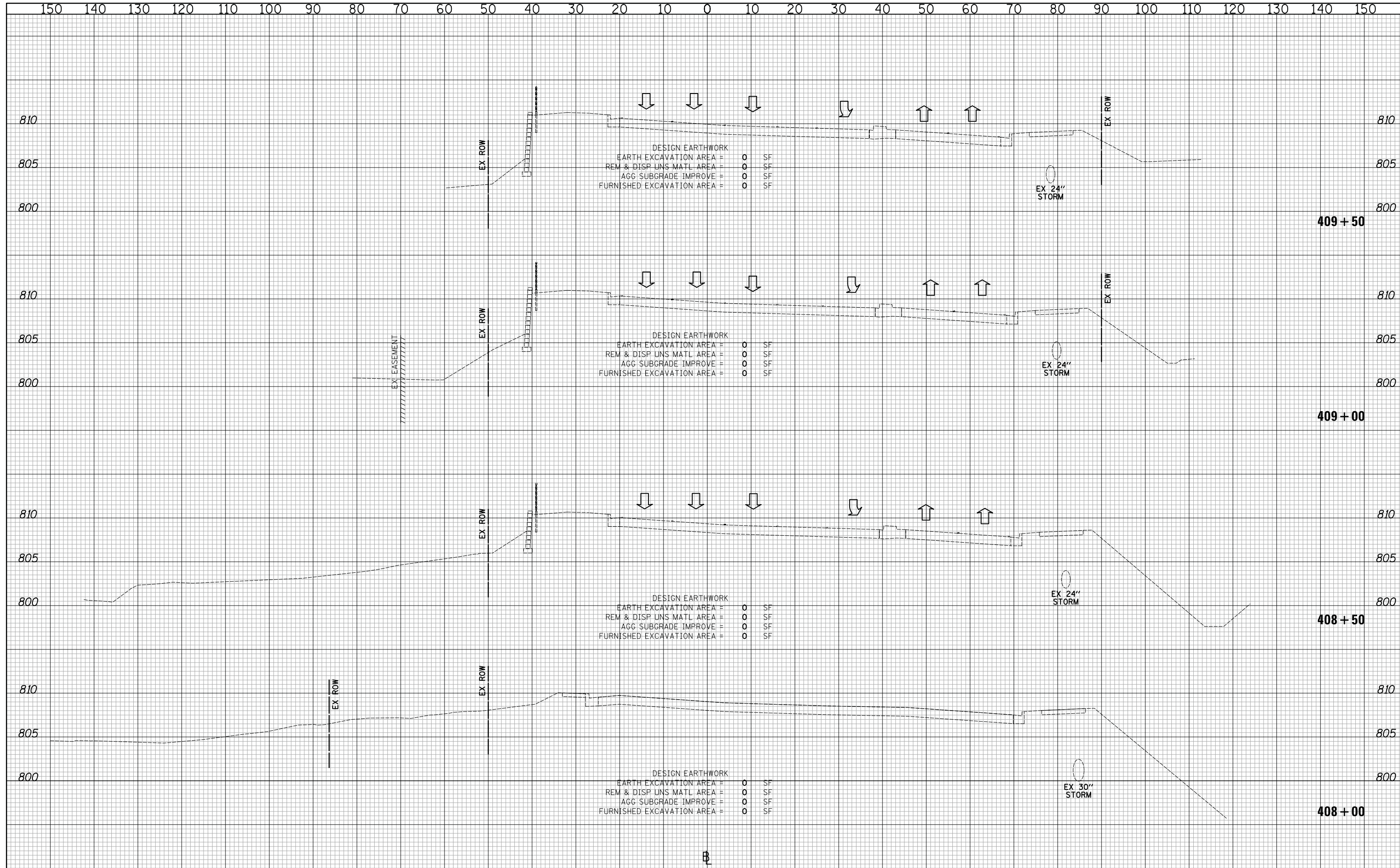
CROSS SECTIONS IIB - WEST CUBA ROAD

SHEET NO. 4 OF 4 SHEETS STA. 248+50 TO STA. 249+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	594
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS	
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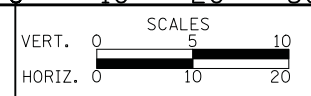
DATE	
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SURVEYED	
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AREAS	
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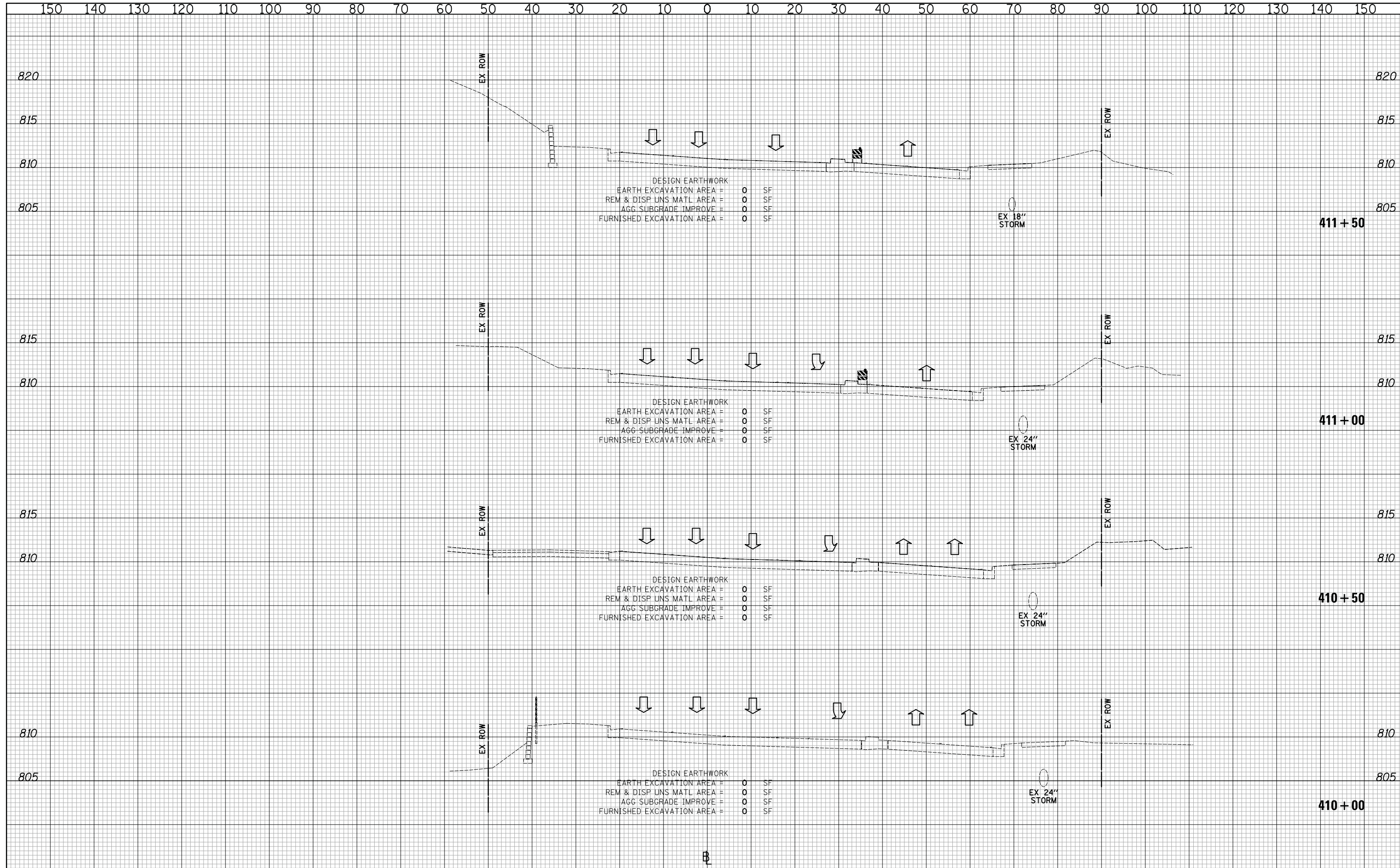
CROSS SECTIONS STAGE III - QUENTIN ROAD

SHEET NO. 1 OF 89 SHEETS STA. 408+00 TO STA. 409+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	595
CONTRACT NO. 61E22				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

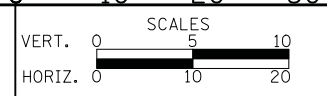
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



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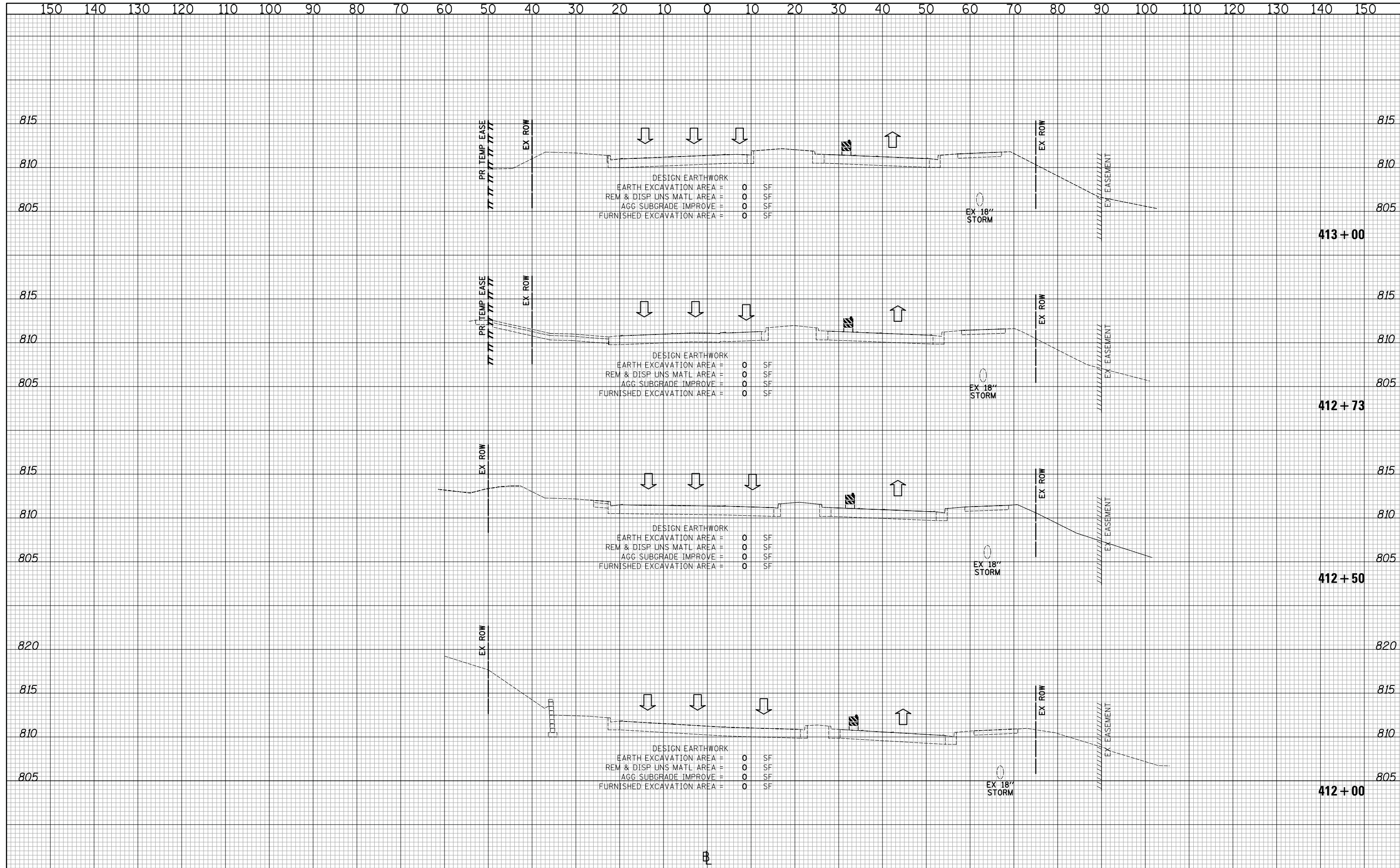
CROSS SECTIONS STAGE III - QUENTIN ROAD

SHEET NO. 2 OF 89 SHEETS STA. 410+00 TO STA. 411+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	596
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

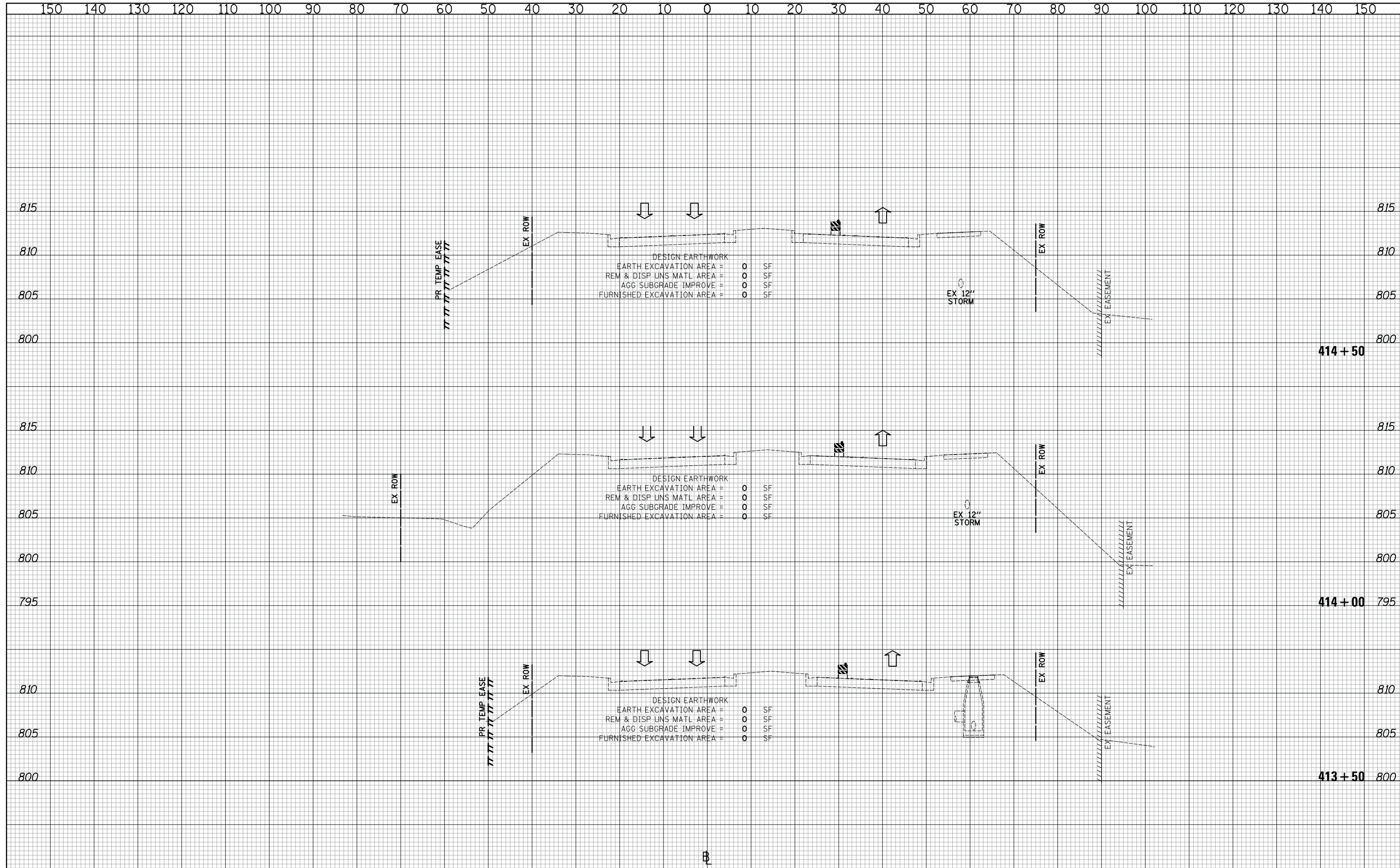
DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

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



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



DESIGN EARTHWORK

EARTH EXCAVATION AREA =	0	SF
REM & DISP UNS MATL AREA =	0	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	0	SF

DESIGN EARTHWORK

EARTH EXCAVATION AREA =	0	SF
REM & DISP UNS MATL AREA =	0	SF
AGG SUBGRADE IMPROVE =	0	SF
FURNISHED EXCAVATION AREA =	0	SF

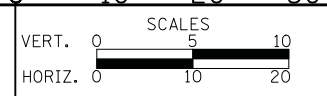
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REM & DISP UNS MATL AREA =	0	SF
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FURNISHED EXCAVATION AREA =	0	SF

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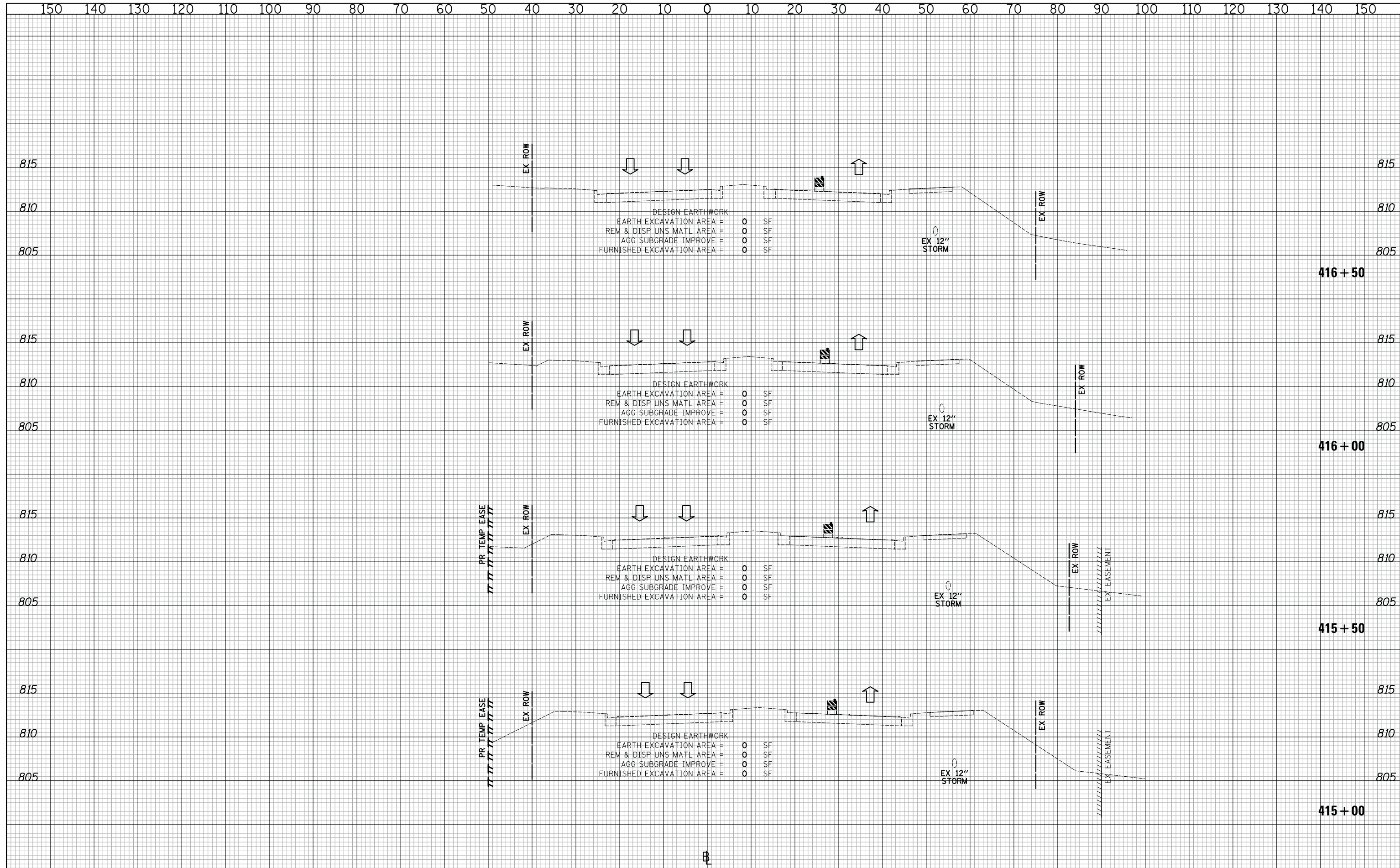
CROSS SECTIONS STAGE III - QUENTIN ROAD

SHEET NO. 4 OF 89 SHEETS STA. 413+50 TO STA. 414+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	598
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E22

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



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

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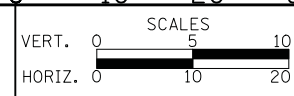
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 AGG SUBGRADE IMPROVE = 0 SF
 FURNISHED EXCAVATION AREA = 0 SF

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

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CROSS SECTIONS STAGE III - QUENTIN ROAD

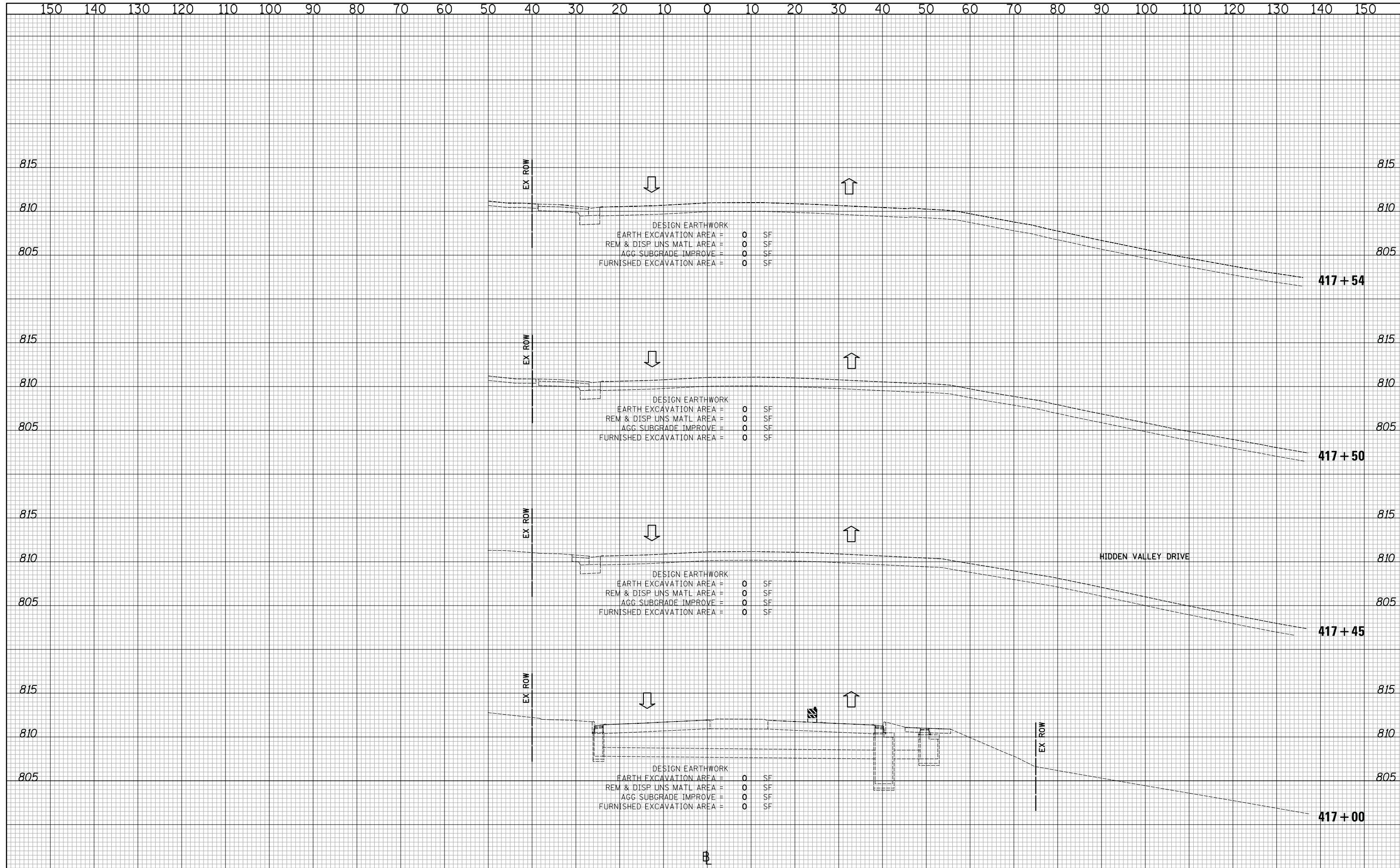
SHEET NO. 5 OF 89 SHEETS STA. 415+00 TO STA. 416+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	599
				CONTRACT NO. 61E22

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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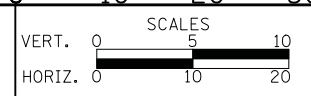
DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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CROSS SECTIONS STAGE III - QUENTIN ROAD

SHEET NO. 6 OF 89 SHEETS STA. 417+00 TO STA. 417+54

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2574	08-00090-12-CH	LAKE	778	600
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E22	