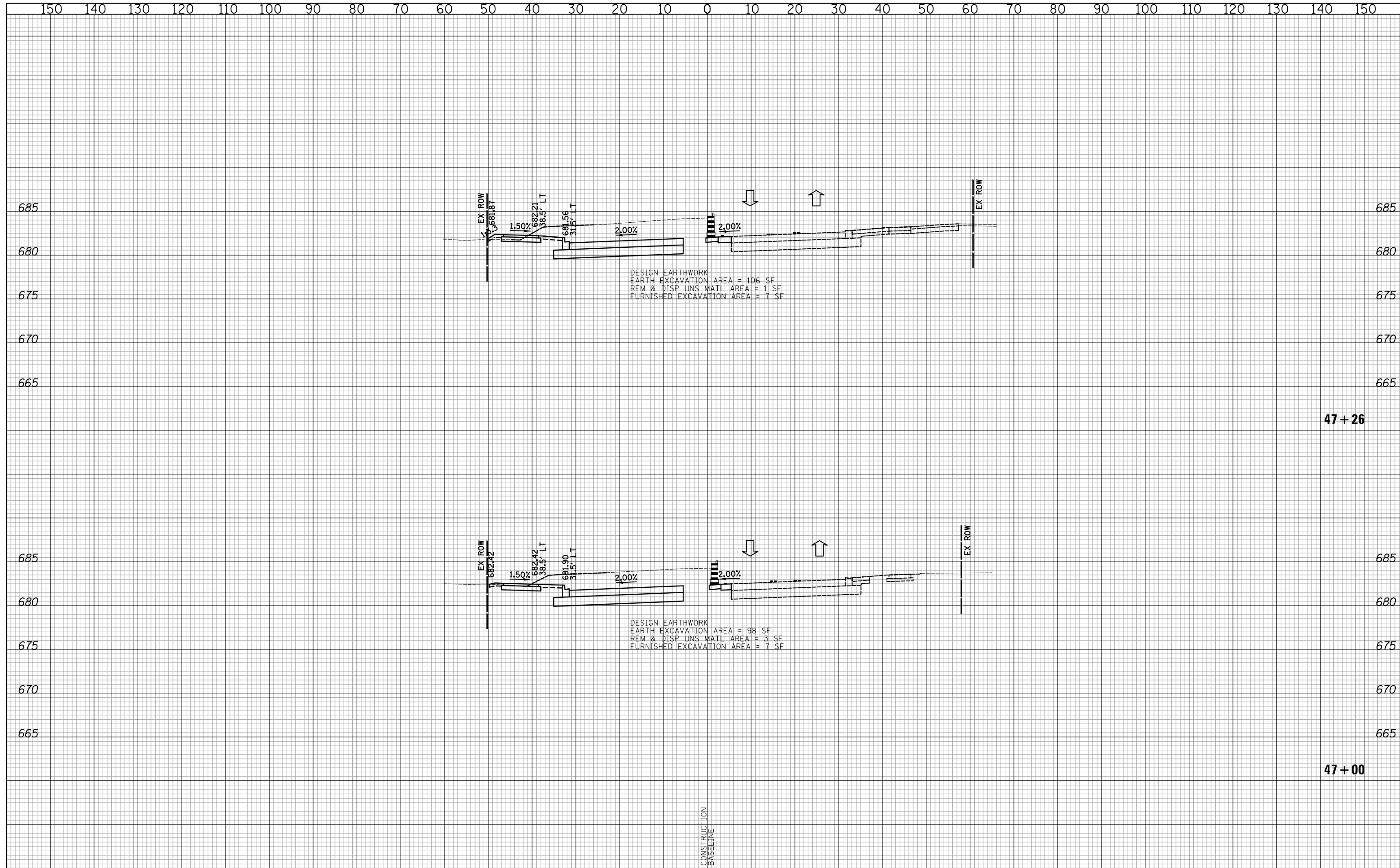


DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

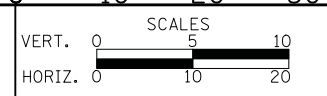
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



**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 - 10/8/2018	REVISED -

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



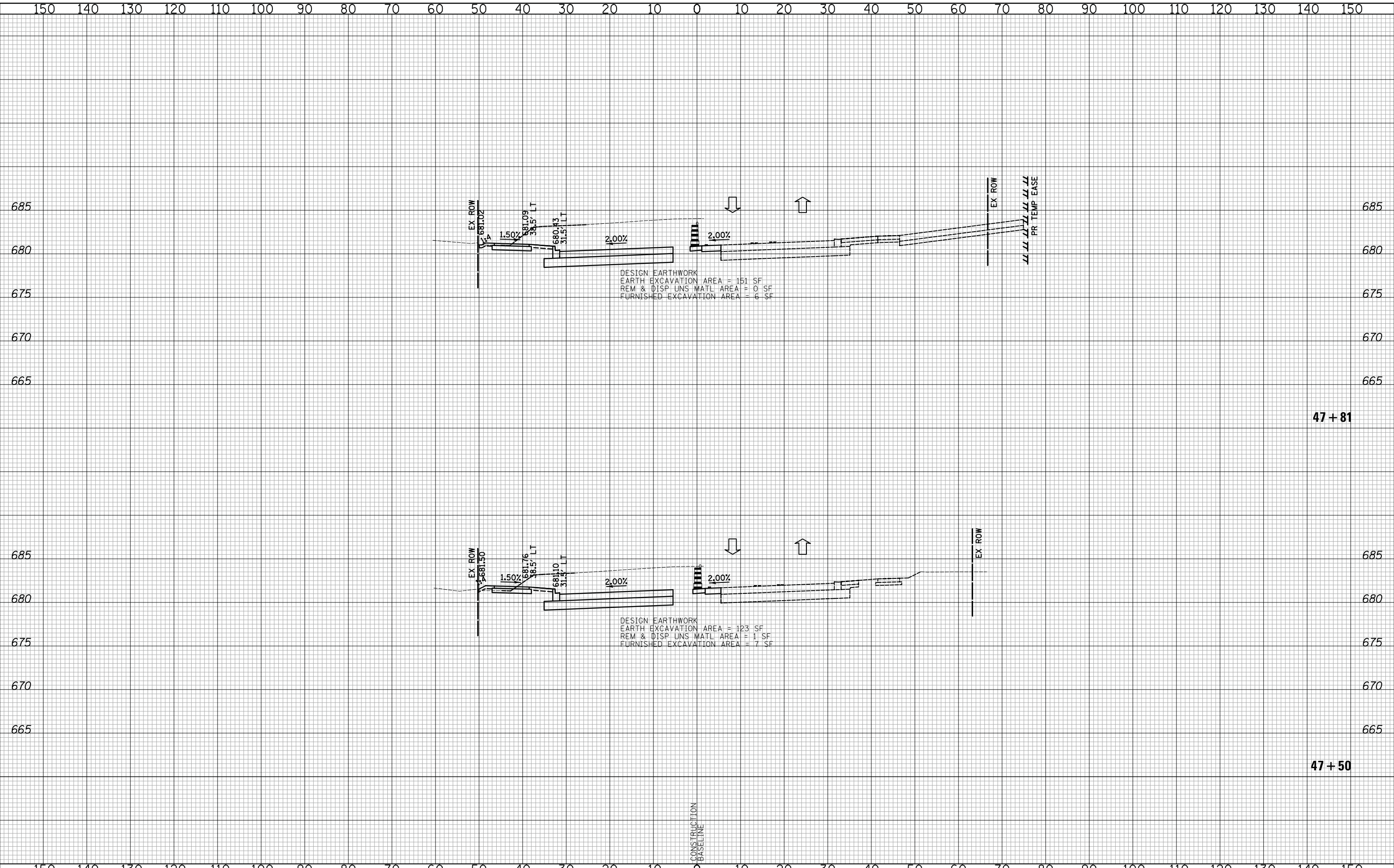
**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 28 OF 54 SHEETS STA. 47+00 TO STA. 47+26

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	401
				<b>CONTRACT NO. 61E24</b>
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

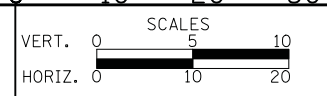
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



**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 - 10/8/2018	REVISED -

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

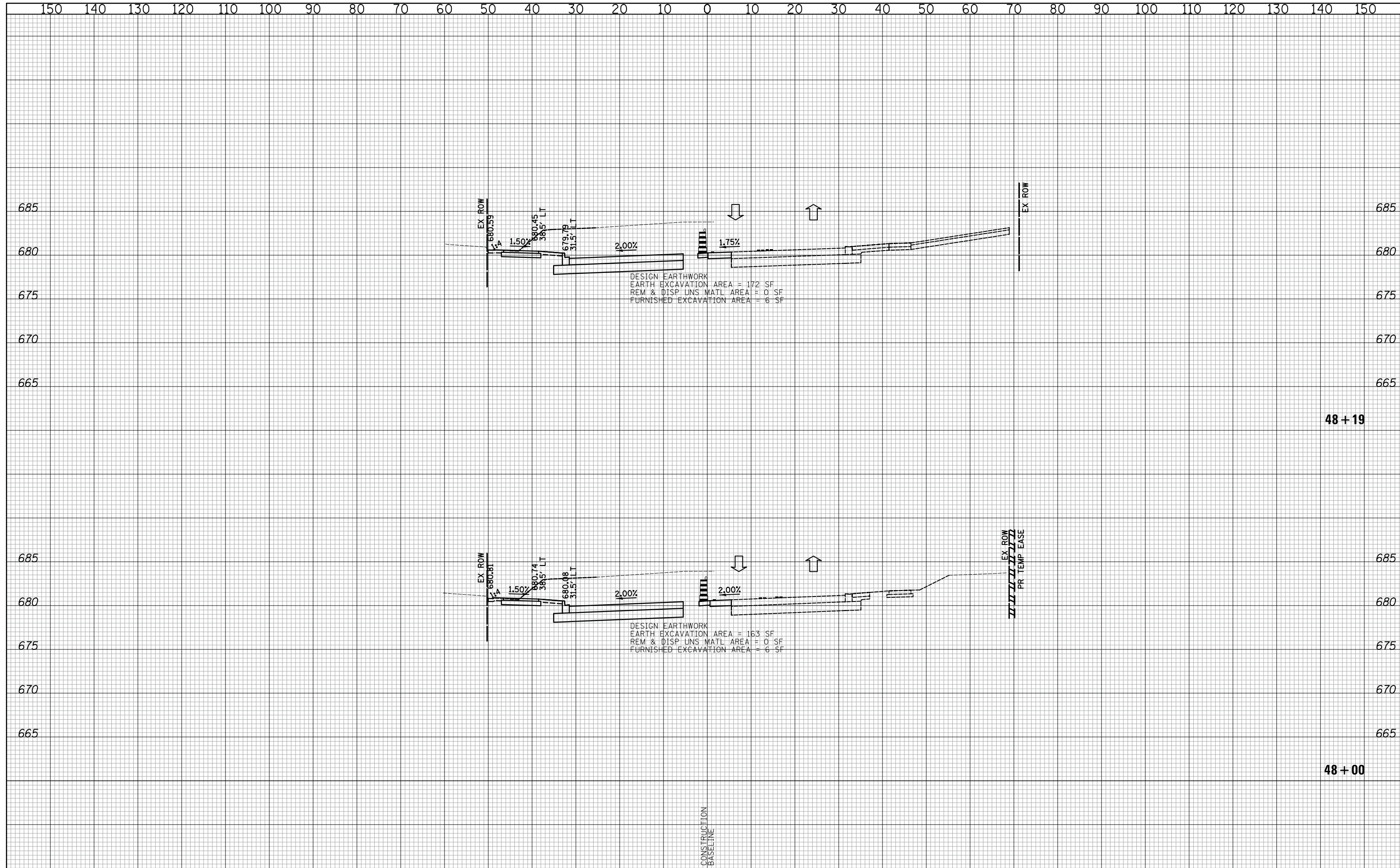


**CROSS SECTIONS STAGE II - WEILAND ROAD**  
 SHEET NO. 29 OF 54 SHEETS  
 STA. 47+50 TO STA. 47+81

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	402
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 172 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 6 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 163 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 6 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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



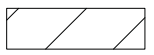
**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 30 OF 54 SHEETS STA. 48+00 TO STA. 48+19

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	403
				<b>CONTRACT NO. 61E24</b>
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

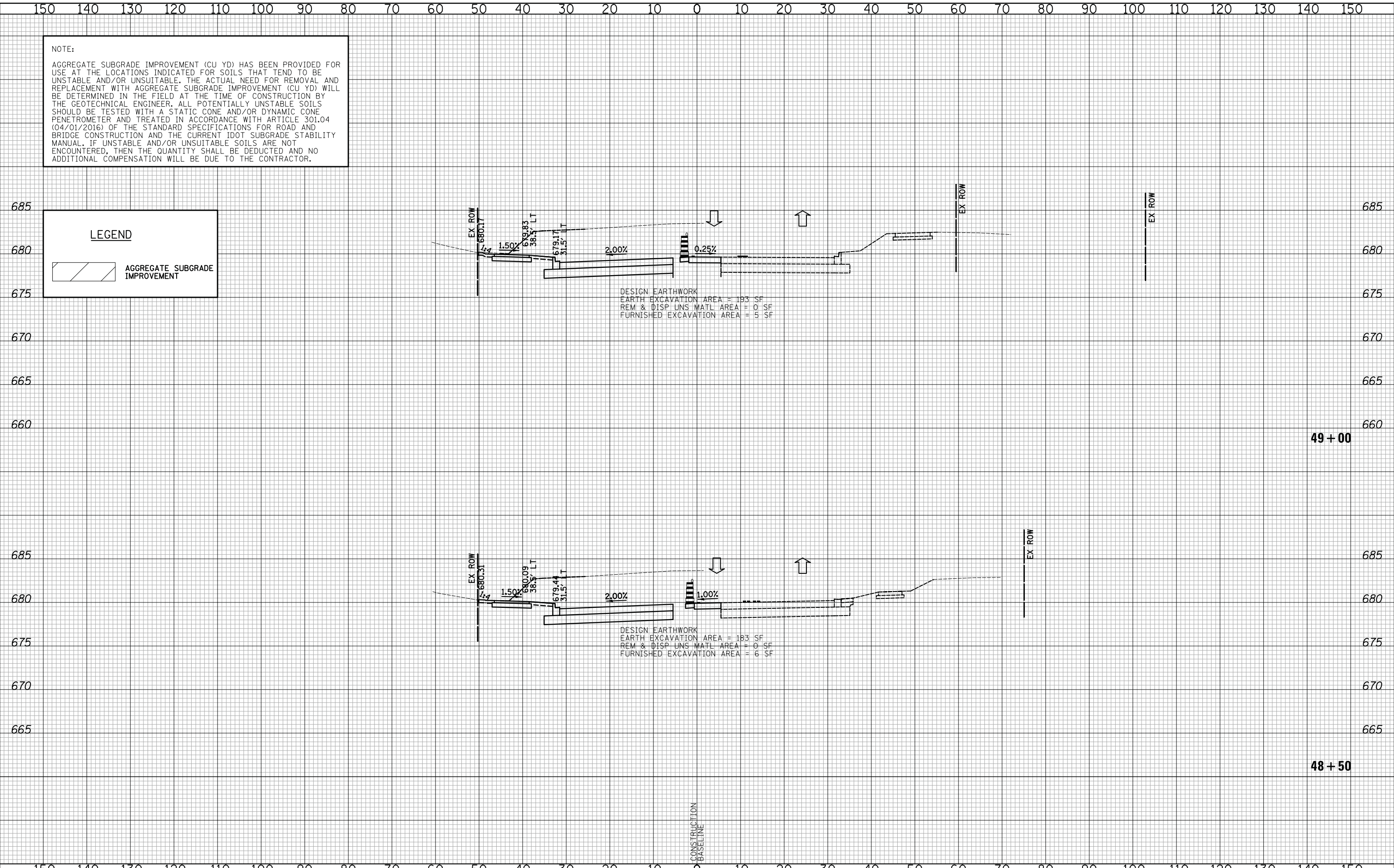
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



**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 - 10/8/2018	REVISED -

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

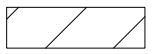


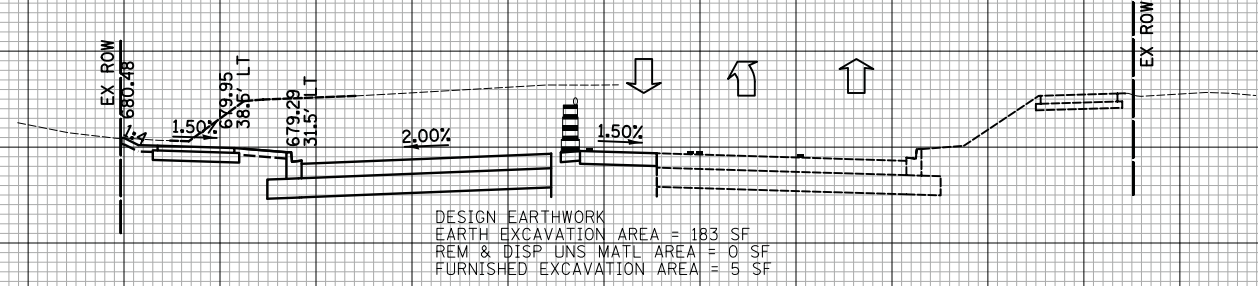
**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 31 OF 54 SHEETS STA. 48+50 TO STA. 49+00

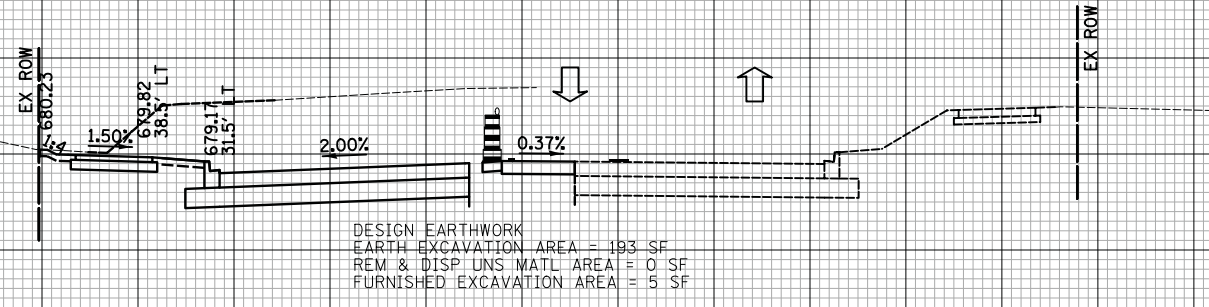
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	404
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E24

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



49 + 50



49 + 09.31

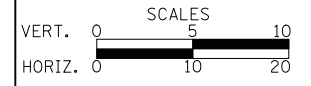
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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

**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

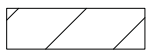


**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 32 OF 54 SHEETS STA. 49+09.31 TO STA. 49+50

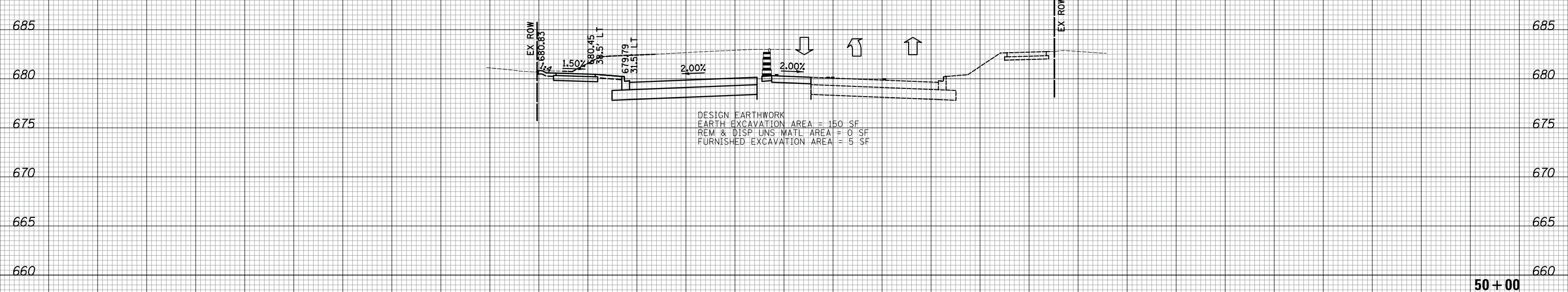
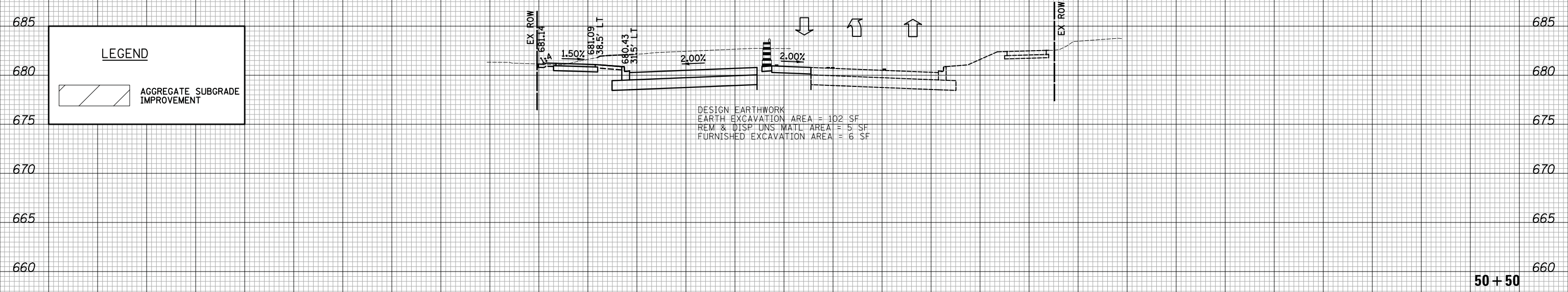
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	405
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	CHECKED
NO.	

DATE	BY
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	CHECKED
NO.	



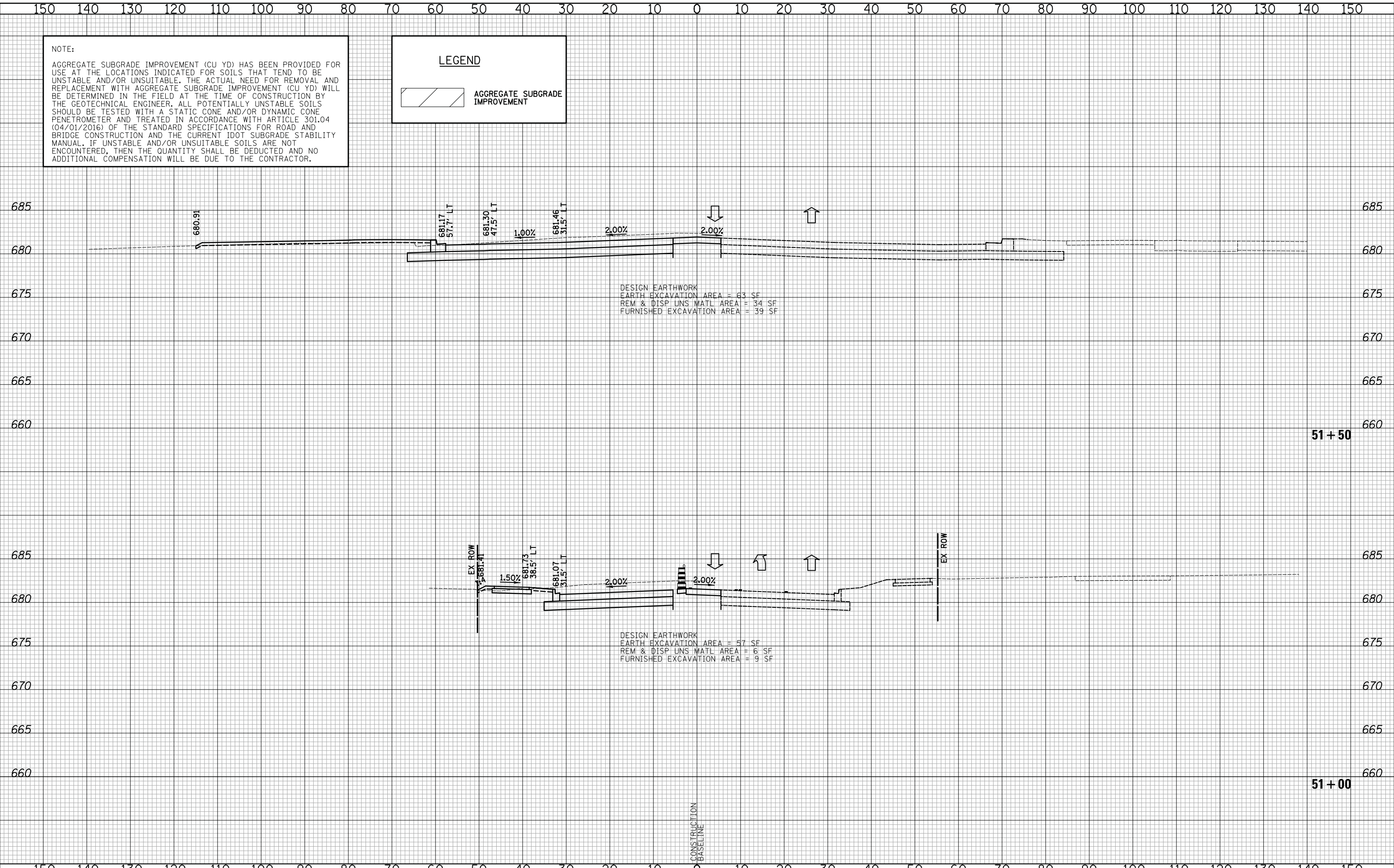
**NOTE:**  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
FINAL SURVEY	NO.
NOTE BOOK	

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



DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 63 SF  
 REM & DISP UNS MATL AREA = 34 SF  
 FURNISHED EXCAVATION AREA = 39 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 57 SF  
 REM & DISP UNS MATL AREA = 6 SF  
 FURNISHED EXCAVATION AREA = 9 SF

CONSTRUCTION  
 BASELINE

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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**




**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 34 OF 54 SHEETS STA. 51+00 TO STA. 51+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	407
				CONTRACT NO. 61E24
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.

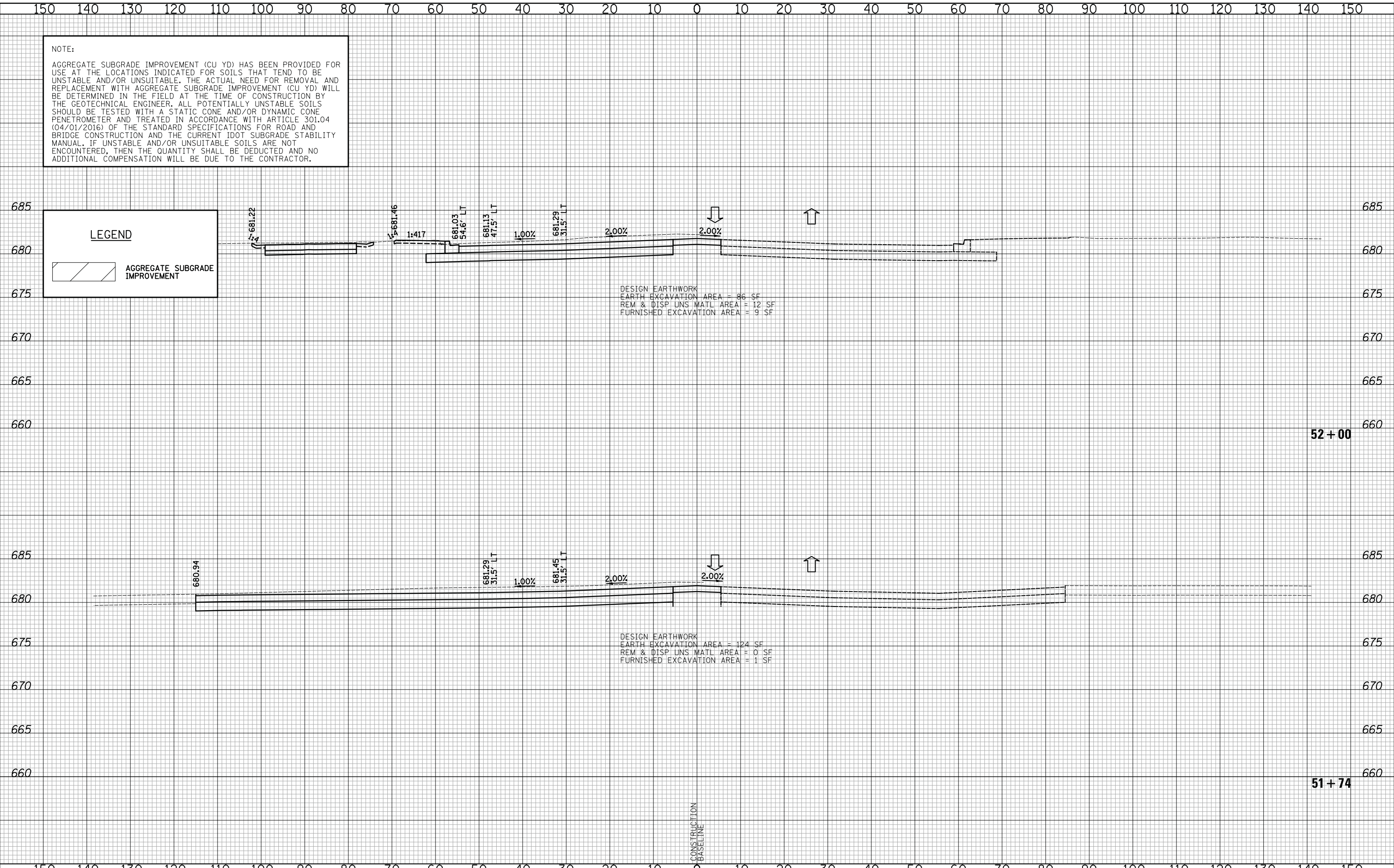
**LEGEND**  
 AGGREGATE SUBGRADE IMPROVEMENT

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 86 SF  
 REM & DISP UNS MATL AREA = 12 SF  
 FURNISHED EXCAVATION AREA = 9 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 124 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 1 SF

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

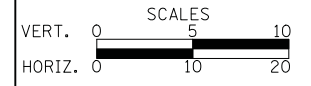
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



**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 - 10/8/2018	REVISED -

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



**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 35 OF 54 SHEETS STA. 51+74 TO STA. 52+00

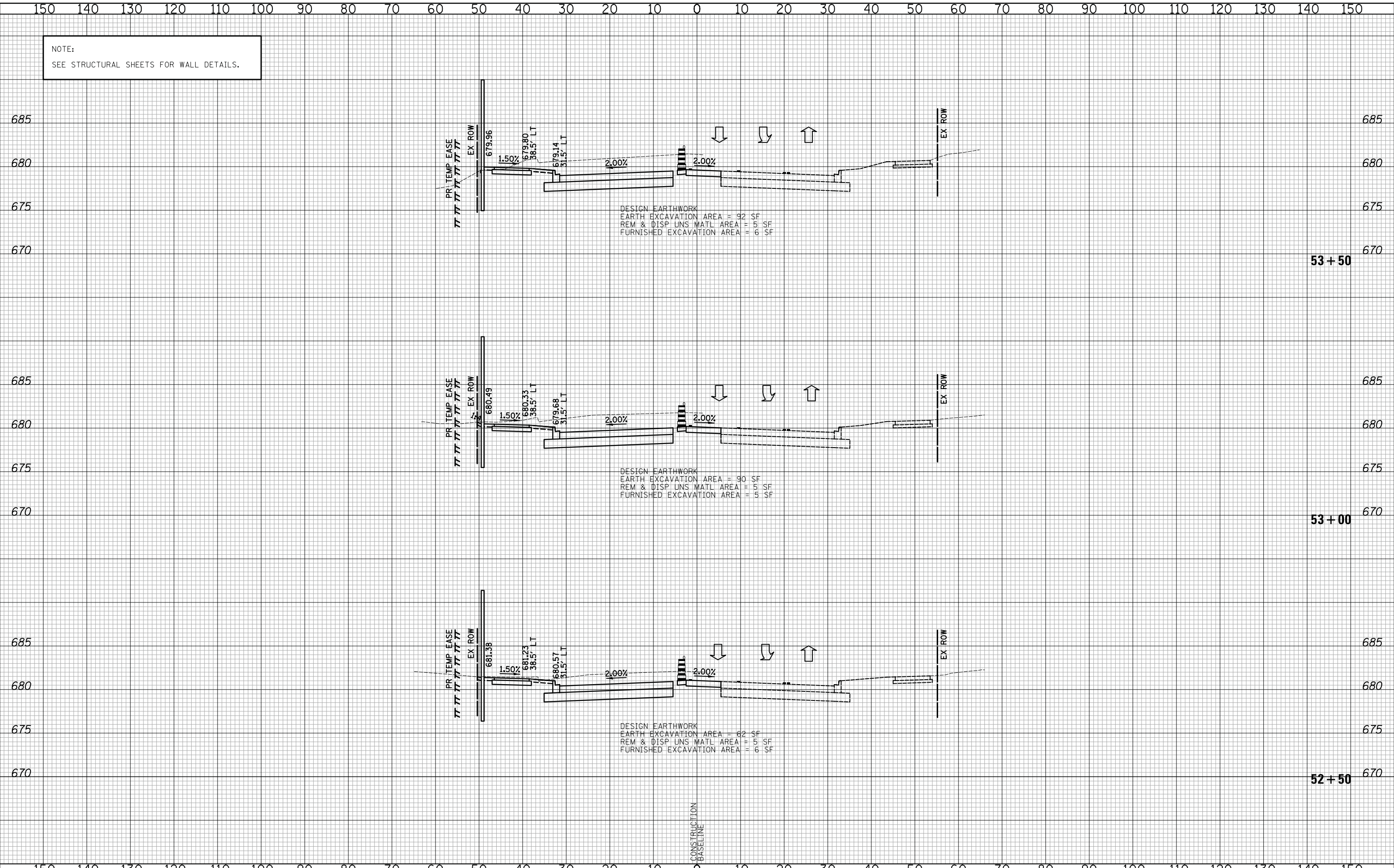
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	408
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:  
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL SURVEY NO.						

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGINAL SURVEY NO.						



DESIGN EARTHWORK  
EARTH EXCAVATION AREA = 92 SF  
REM & DISP UNS MATL AREA = 5 SF  
FURNISHED EXCAVATION AREA = 6 SF

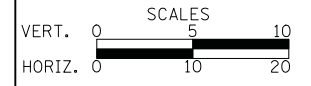
DESIGN EARTHWORK  
EARTH EXCAVATION AREA = 90 SF  
REM & DISP UNS MATL AREA = 5 SF  
FURNISHED EXCAVATION AREA = 5 SF

DESIGN EARTHWORK  
EARTH EXCAVATION AREA = 62 SF  
REM & DISP UNS MATL AREA = 5 SF  
FURNISHED EXCAVATION AREA = 6 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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE II - WEILAND ROAD

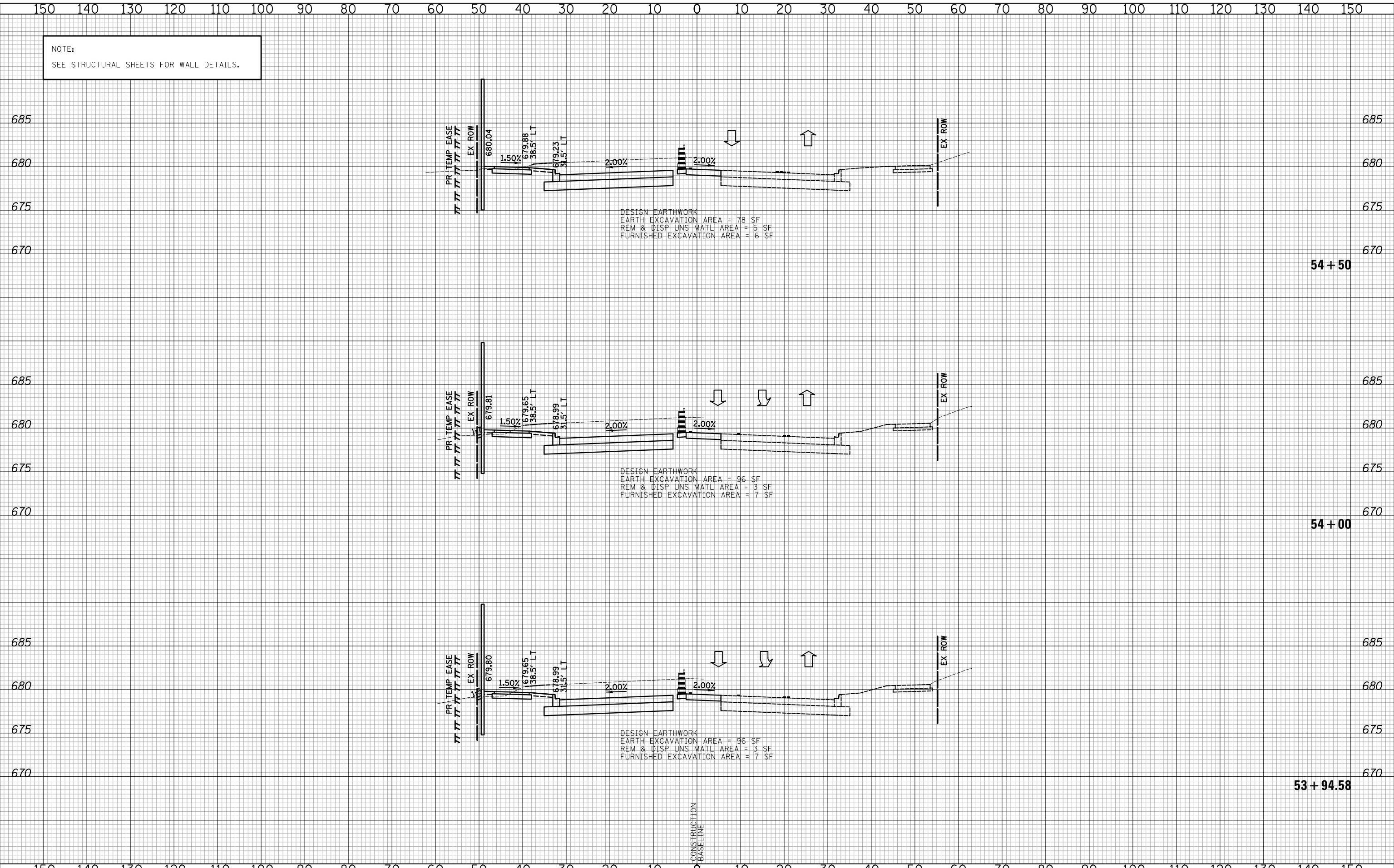
SHEET NO. 36 OF 54 SHEETS STA. 52+50 TO STA. 53+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	409
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:  
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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

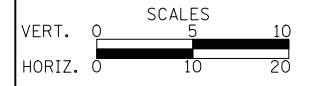
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 37 OF 54 SHEETS STA. 53+94.58 TO STA. 54+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	410
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

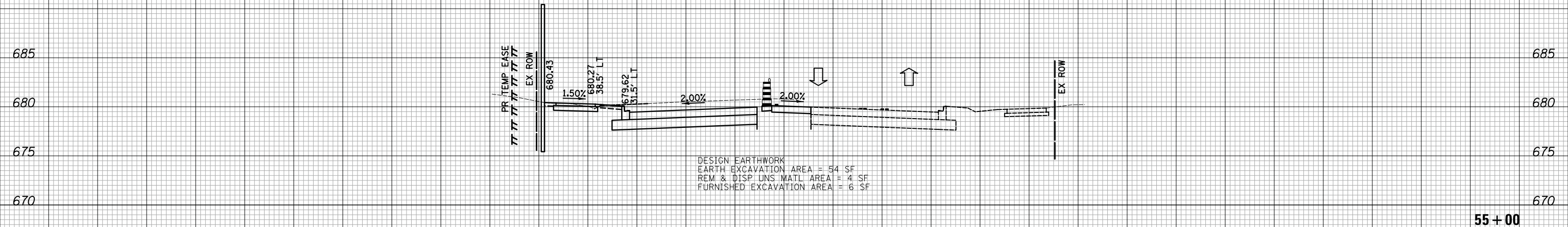
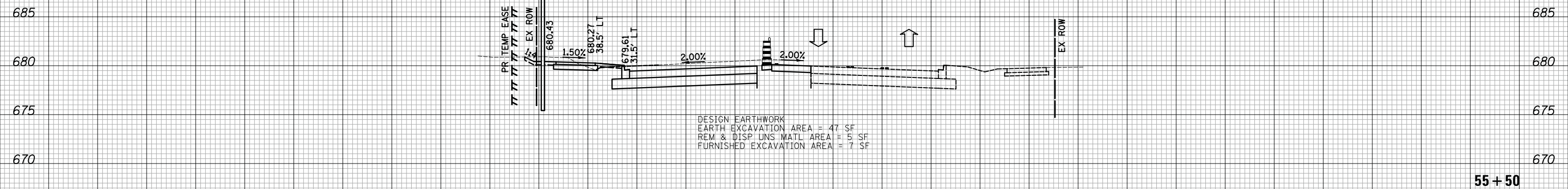
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL	
SURVEY	
NOTE BOOK	
NO.	

**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



**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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 38 OF 54 SHEETS STA. 55+00 TO STA. 55+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	411
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:  
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

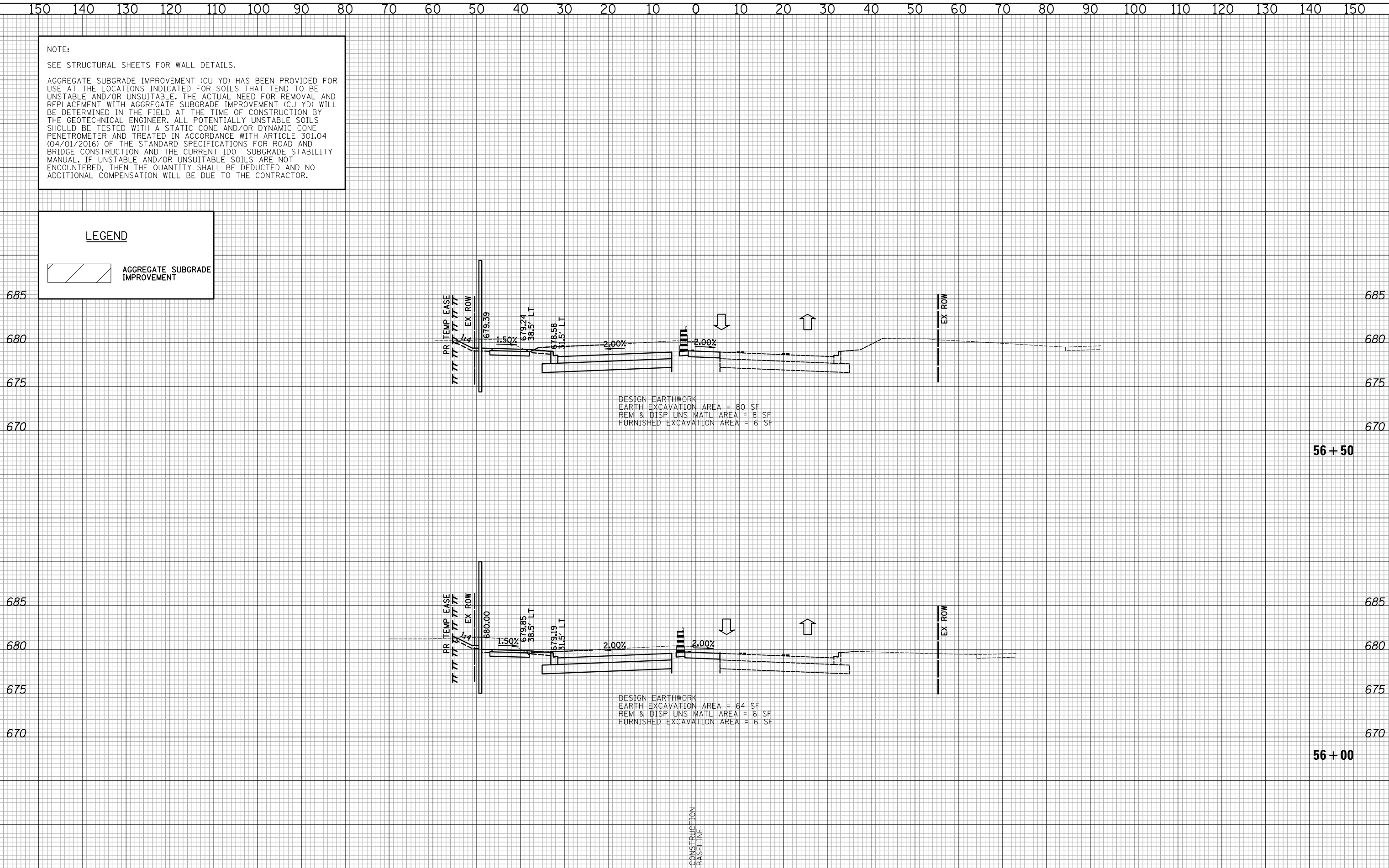
AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE 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
		FINL	SURVEY	NOTE BOOK	NO.

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



DESIGN EARTHWORK  
EARTH EXCAVATION AREA = 80 SF  
REM & DISP UNS MATL AREA = 8 SF  
FURNISHED EXCAVATION AREA = 6 SF

DESIGN EARTHWORK  
EARTH EXCAVATION AREA = 64 SF  
REM & DISP UNS MATL AREA = 6 SF  
FURNISHED EXCAVATION AREA = 6 SF

 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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 39 OF 54 SHEETS STA. 56+00 TO STA. 56+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	412
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				


DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

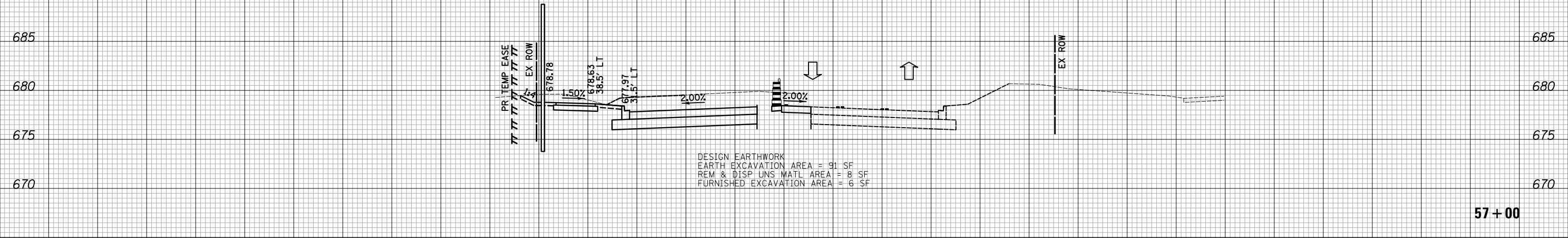
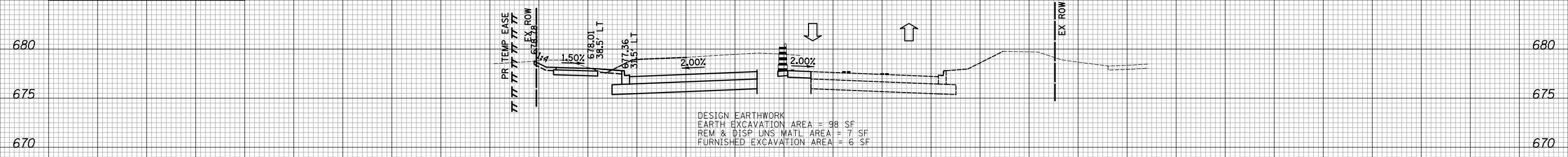
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

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



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



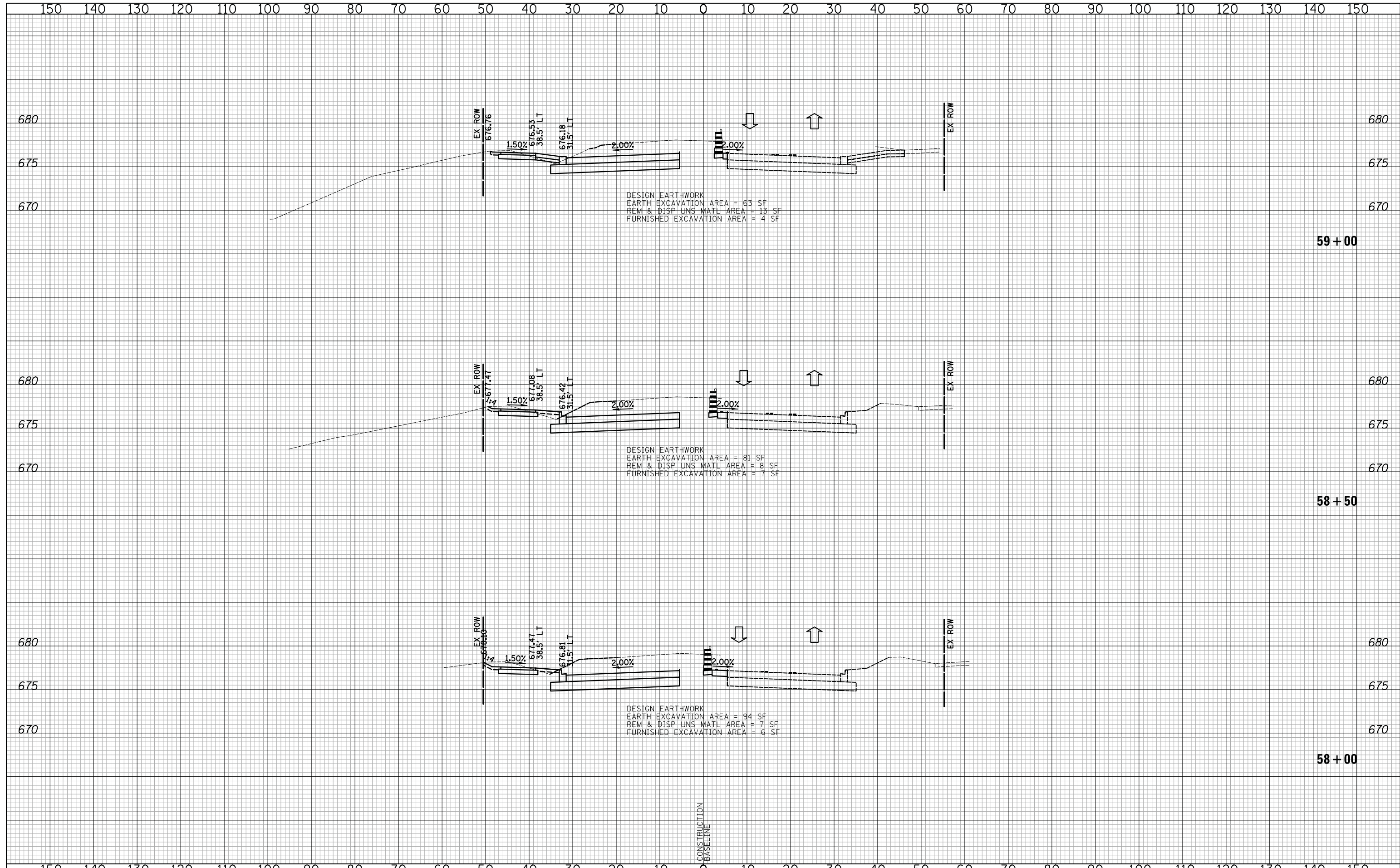
**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 40 OF 54 SHEETS STA. 57+00 TO STA. 57+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	413
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

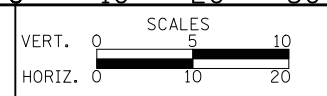
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



**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 - 10/8/2018	REVISED -

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



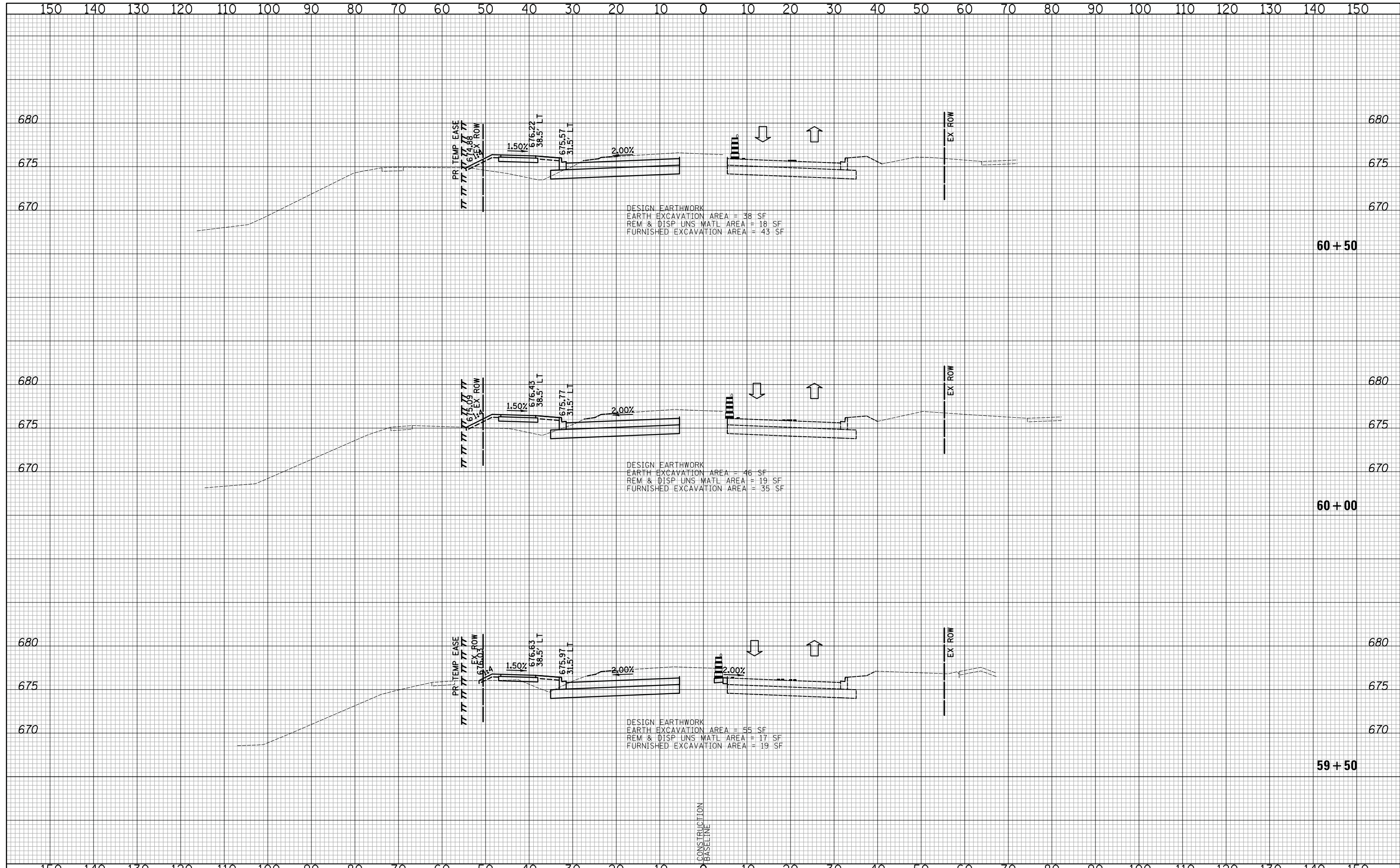
**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 41 OF 54 SHEETS STA. 58+00 TO STA. 59+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	414
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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



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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



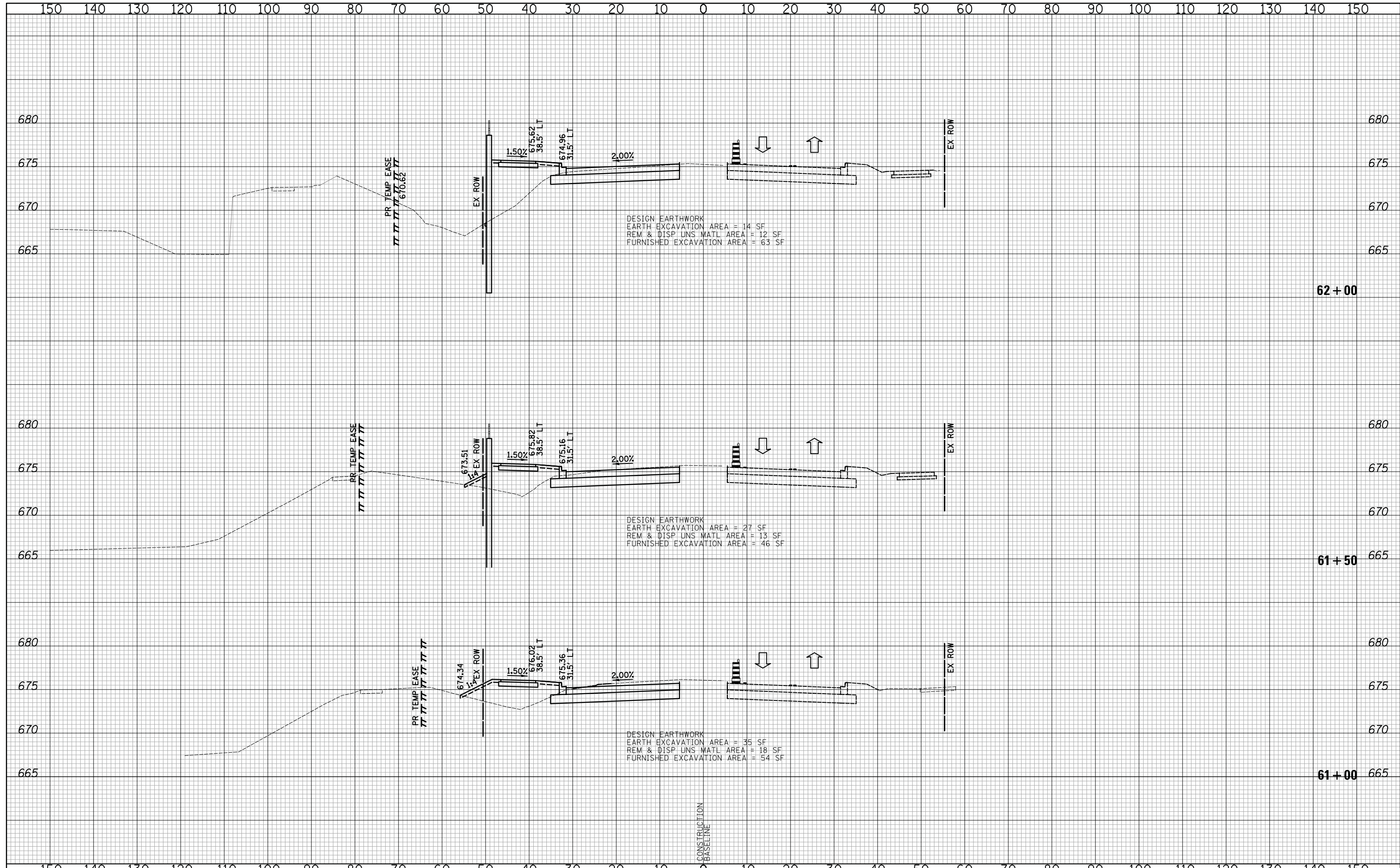
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 42 OF 54 SHEETS STA. 59+50 TO STA. 60+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	415
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	BY
ORIGINAL	
SURVEY	
NOTE BOOK	
AREAS	
CHECKED	
NO.	



**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 - 10/8/2018	REVISED -

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



**CROSS SECTIONS STAGE II - WEILAND ROAD**

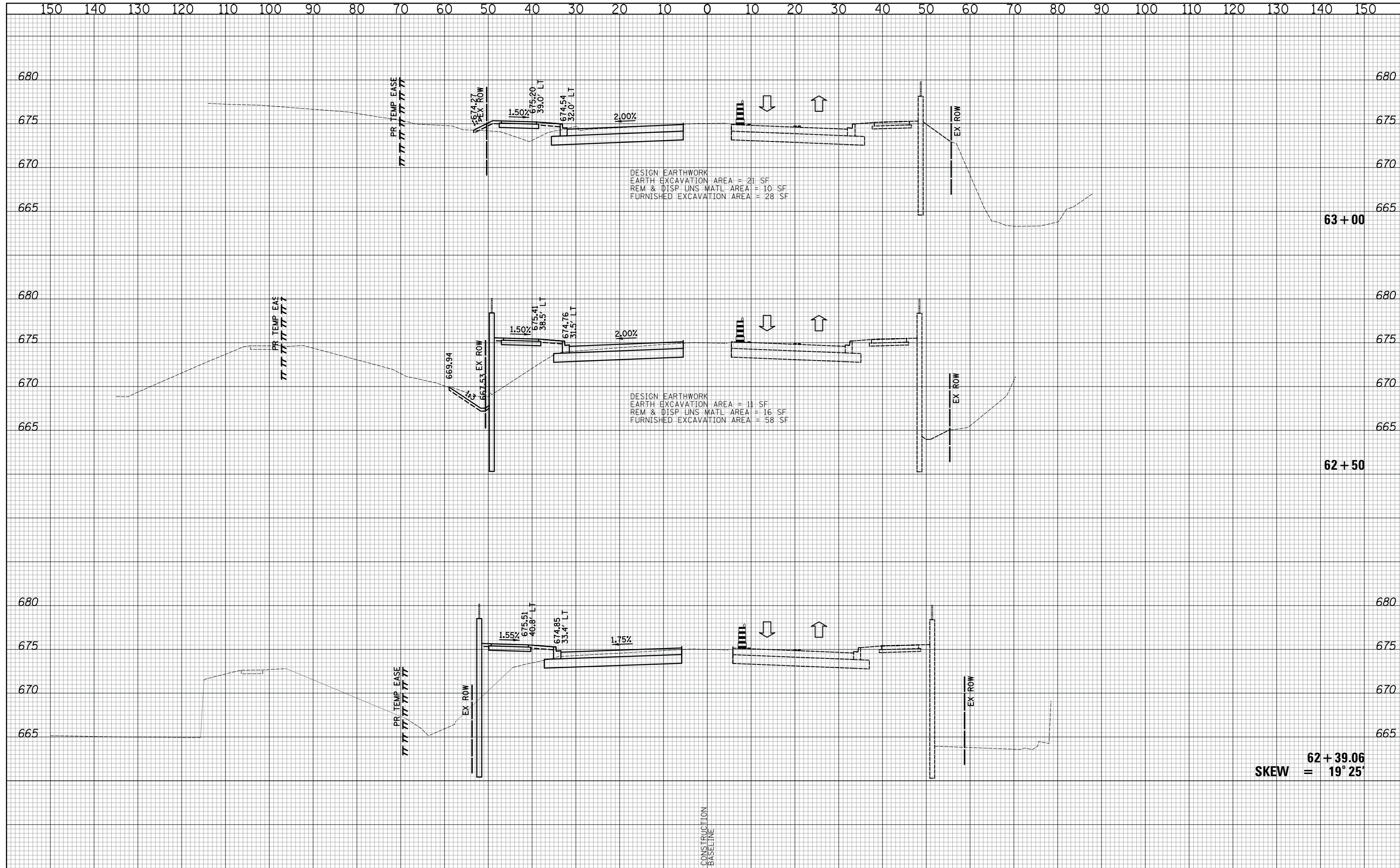
SHEET NO. 43 OF 54 SHEETS STA. 61+00 TO STA. 62+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	416
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

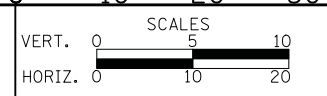
DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	



**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 - 10/8/2018	REVISED -

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



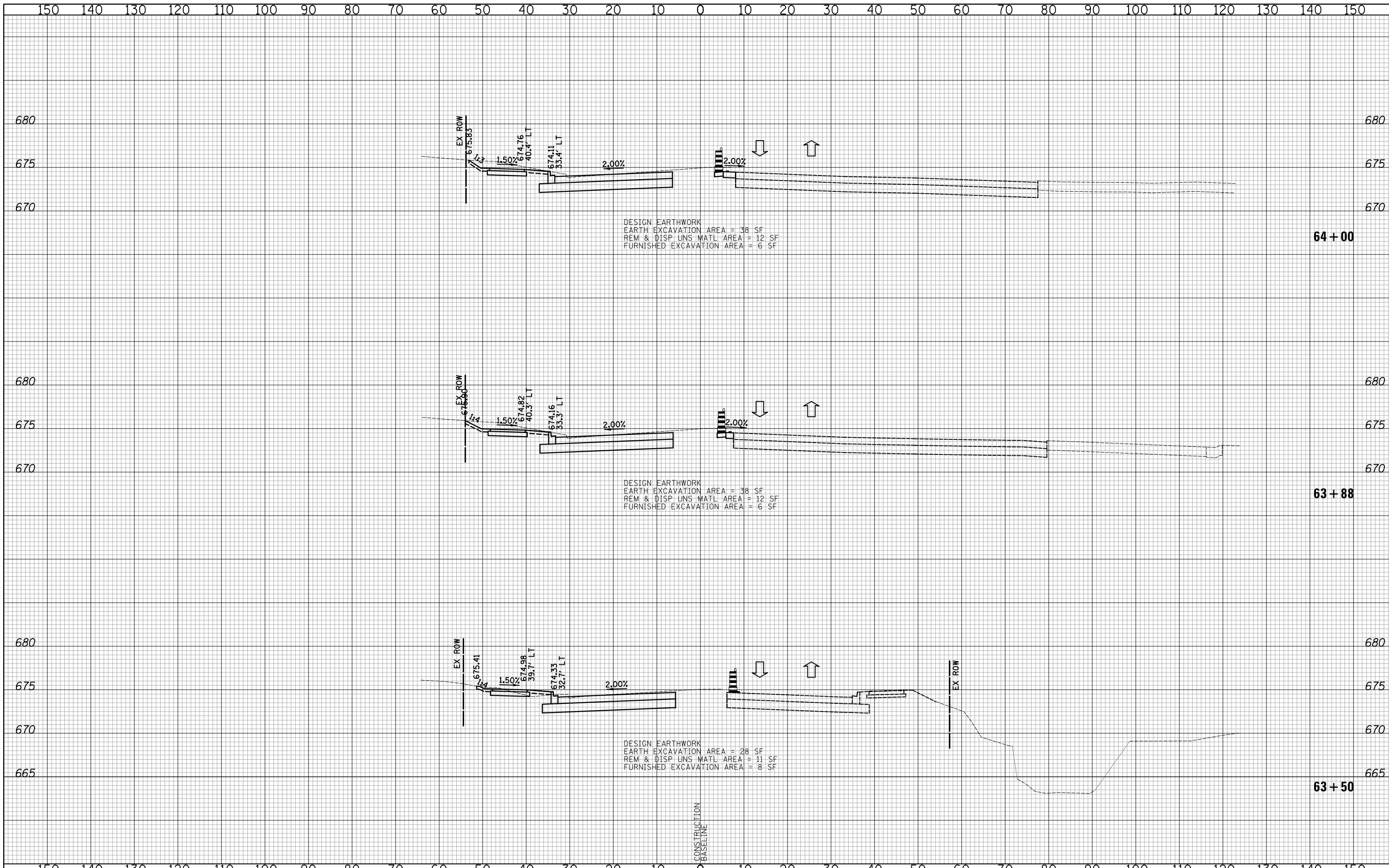
**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 44 OF 54 SHEETS STA. 62+39.06 TO STA. 63+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	417
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E24

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

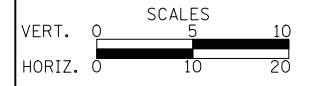
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



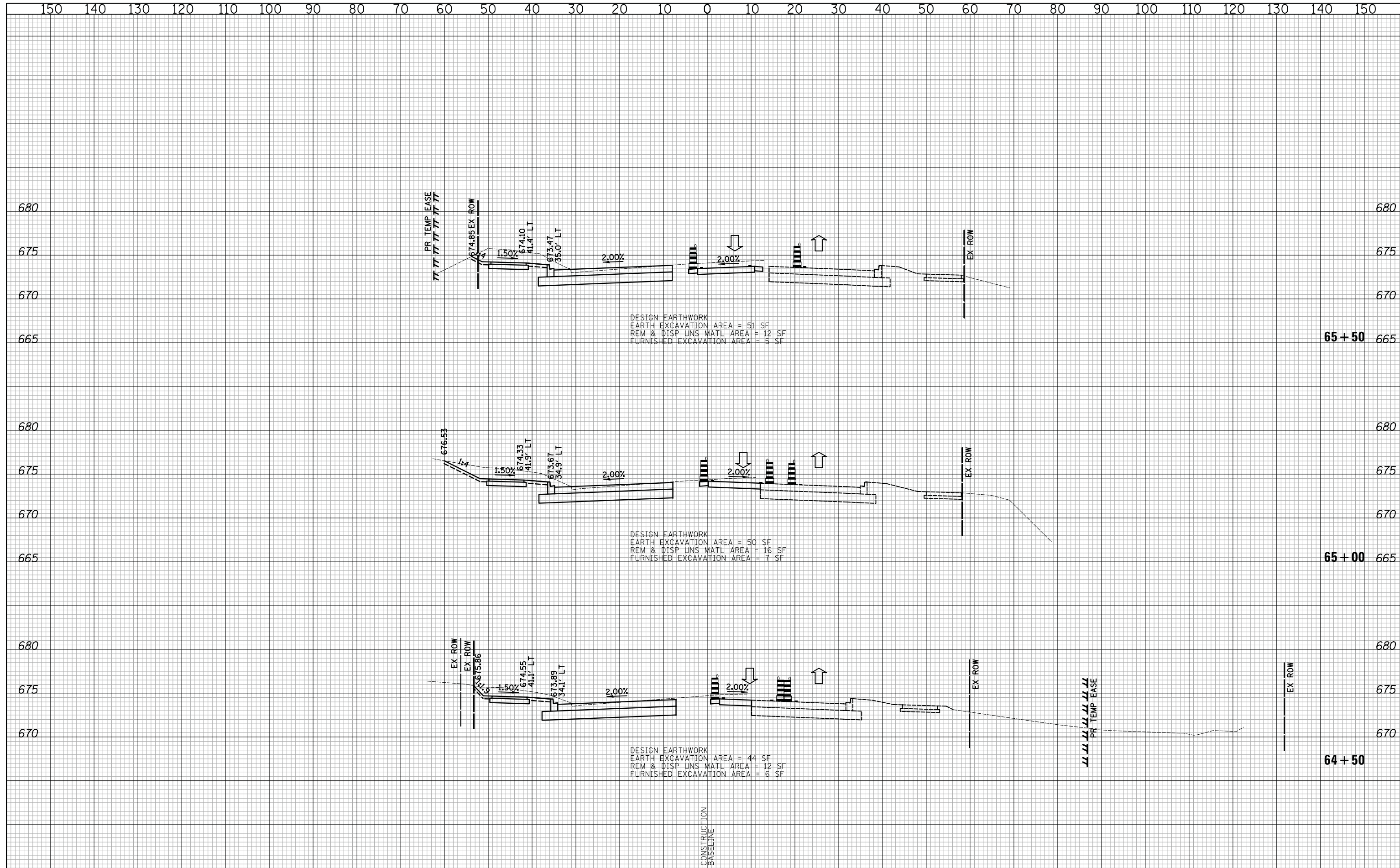
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 45 OF 54 SHEETS STA. 63+50 TO STA. 64+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	418
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

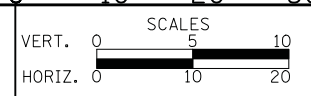
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



**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 - 10/8/2018	REVISED -

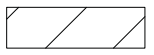
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

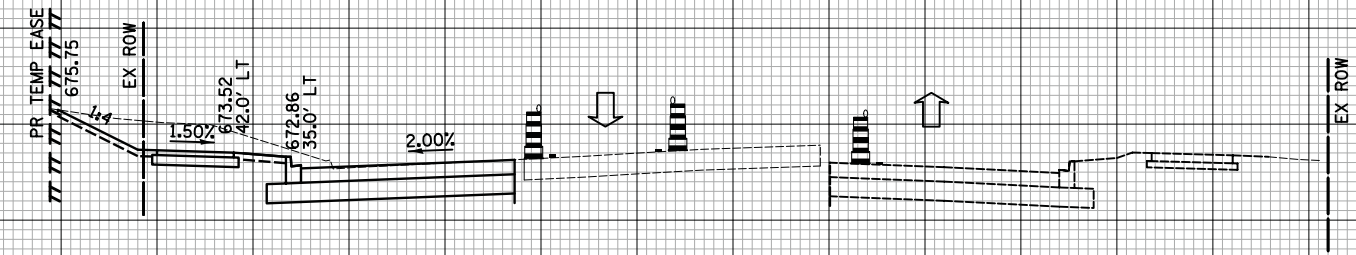


**CROSS SECTIONS STAGE II - WEILAND ROAD**  
 SHEET NO. 46 OF 54 SHEETS STA. 64+50 TO STA. 65+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	419
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

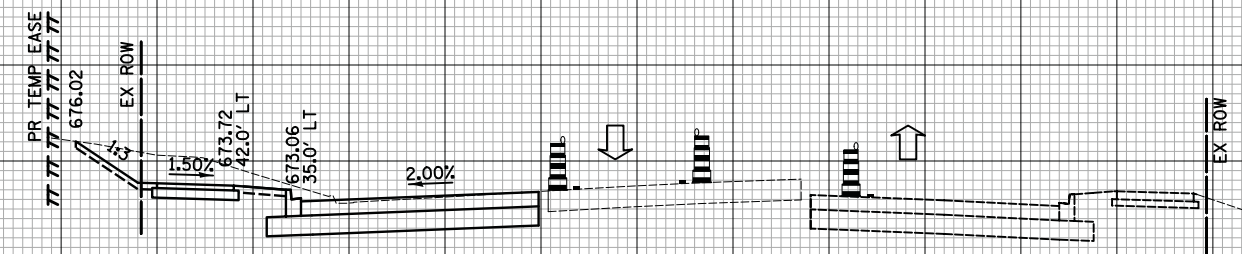
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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



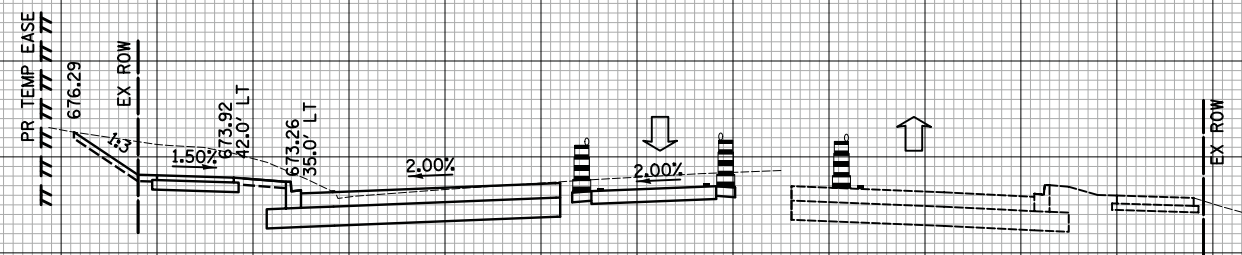
DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 49 SF  
 REM & DISP UNS MATL AREA = 16 SF  
 FURNISHED EXCAVATION AREA = 6 SF

67+00



DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 48 SF  
 REM & DISP UNS MATL AREA = 15 SF  
 FURNISHED EXCAVATION AREA = 6 SF

66+50



DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 56 SF  
 REM & DISP UNS MATL AREA = 15 SF  
 FURNISHED EXCAVATION AREA = 6 SF

66+00

CONSTRUCTION  
 BASELINE

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NOTE BOOK	NO.

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NOTE BOOK	NO.

**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 - 10/8/2018	REVISED -

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



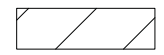
**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 47 OF 54 SHEETS STA. 66+00 TO STA. 67+00

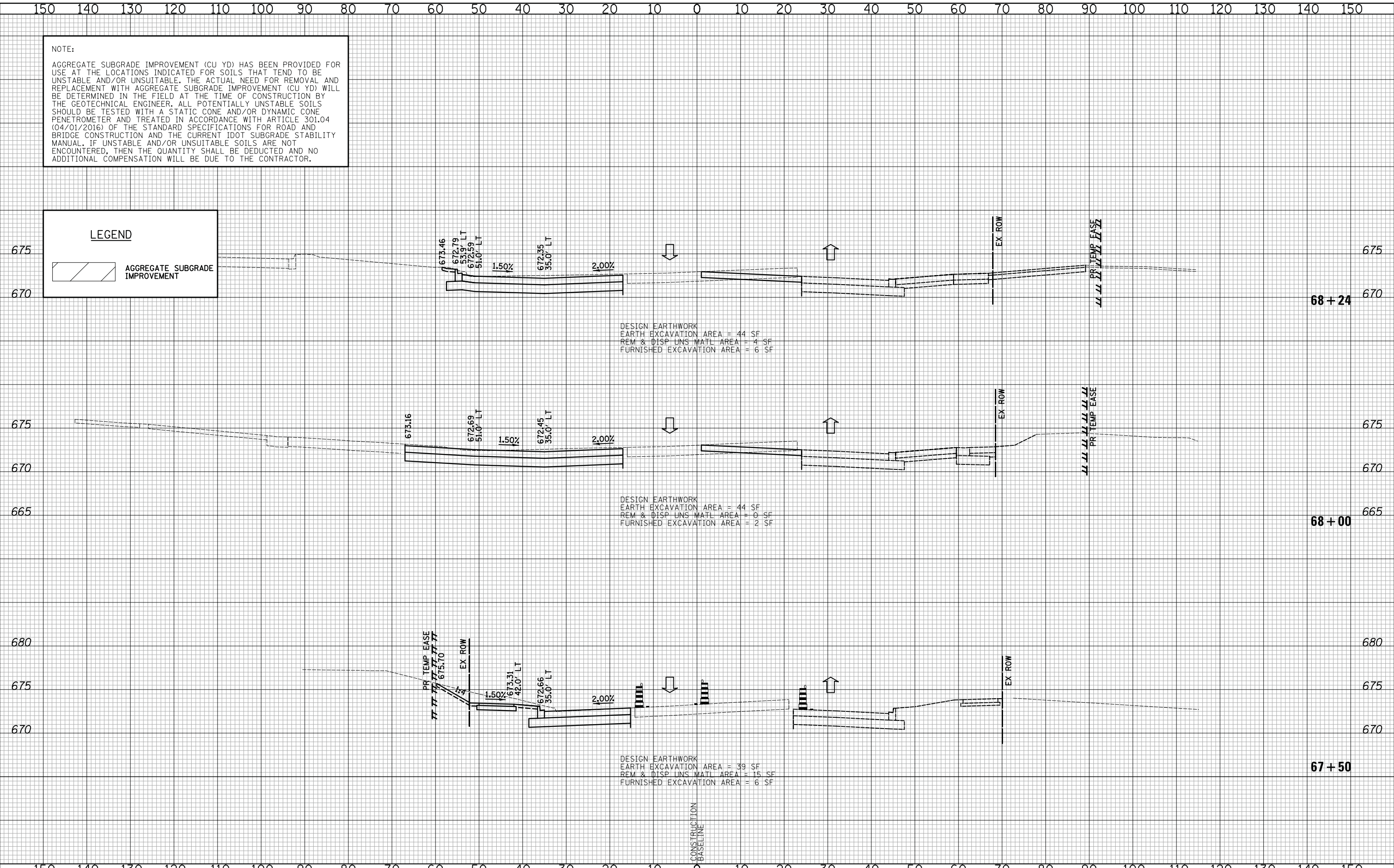
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	420
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

**LEGEND**  
 AGGREGATE SUBGRADE IMPROVEMENT

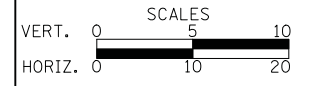
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

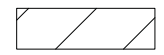


**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 48 OF 54 SHEETS STA. 67+50 TO STA. 68+24

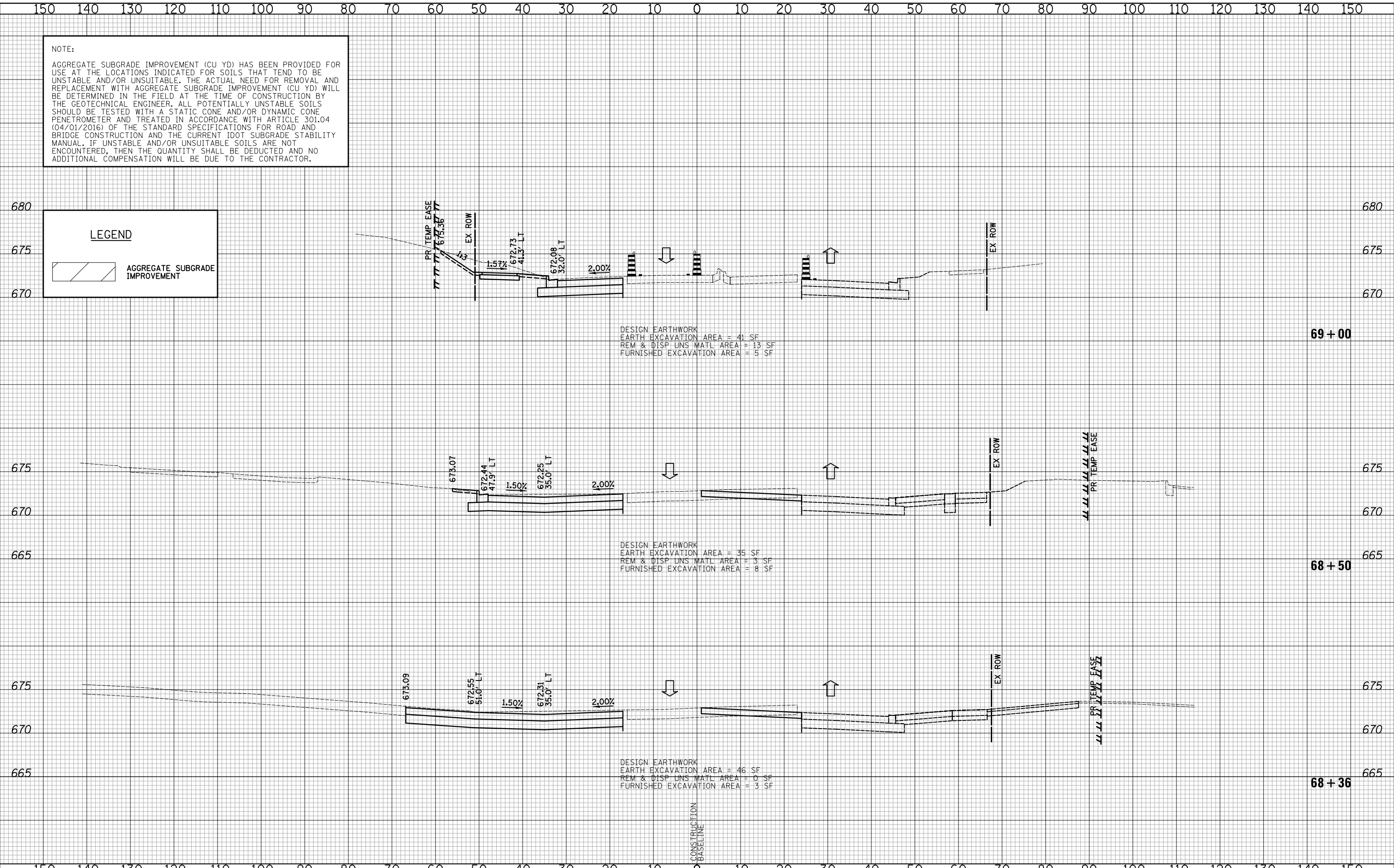
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	421
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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.	
ORIGINAL SURVEY	
NOTED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

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



**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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



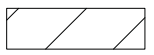
CROSS SECTIONS STAGE II - WEILAND ROAD

SHEET NO. 49 OF 54 SHEETS STA. 68+36 TO STA. 69+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	422
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

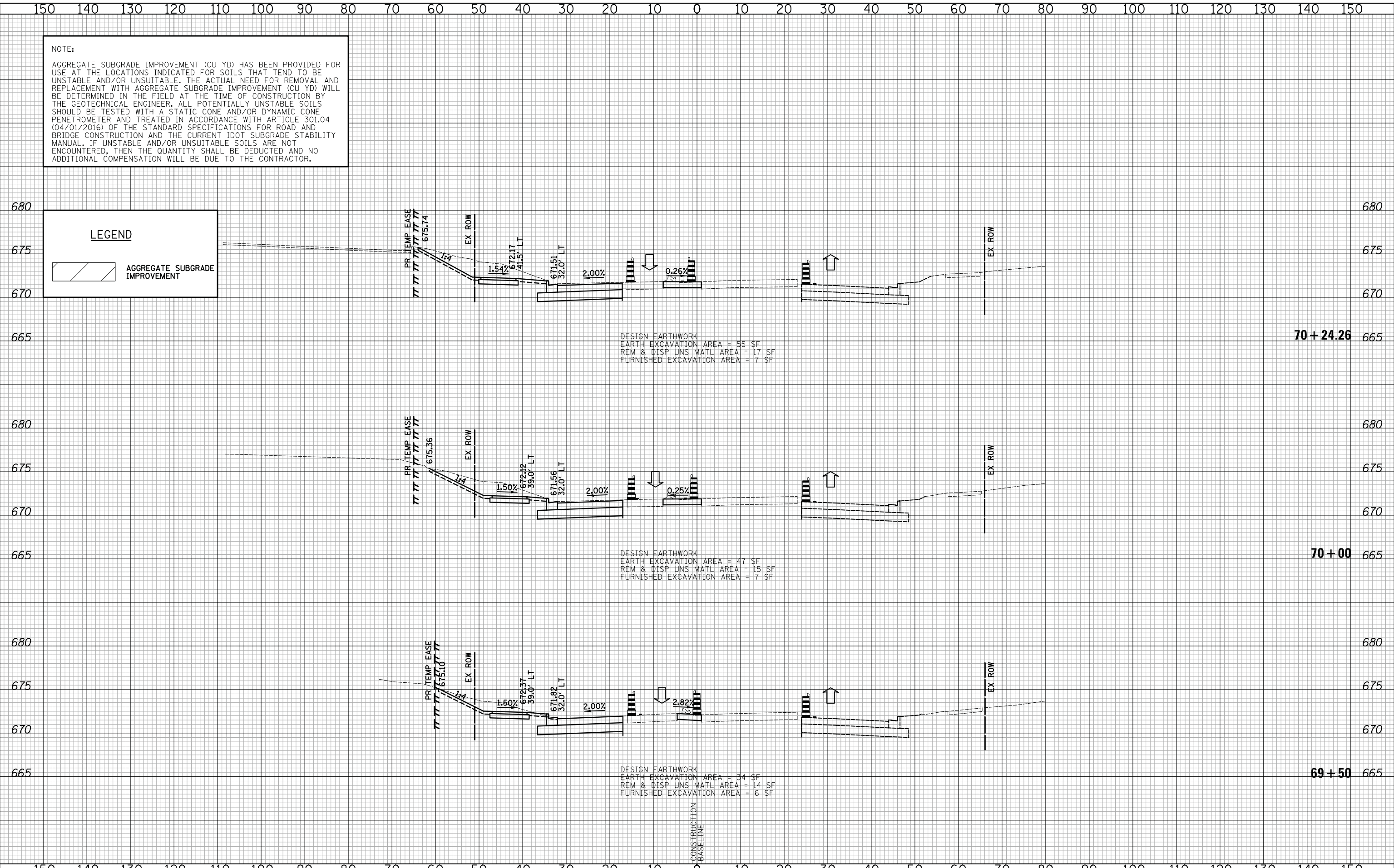
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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	
FINAL SURVEY	
NO. _____	
PLOTTED TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NO. _____	
PLOTTED TEMPLATE	
AREAS CHECKED	



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 50 OF 54 SHEETS STA. 69+50 TO STA. 70+24.26

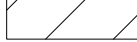
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	423
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

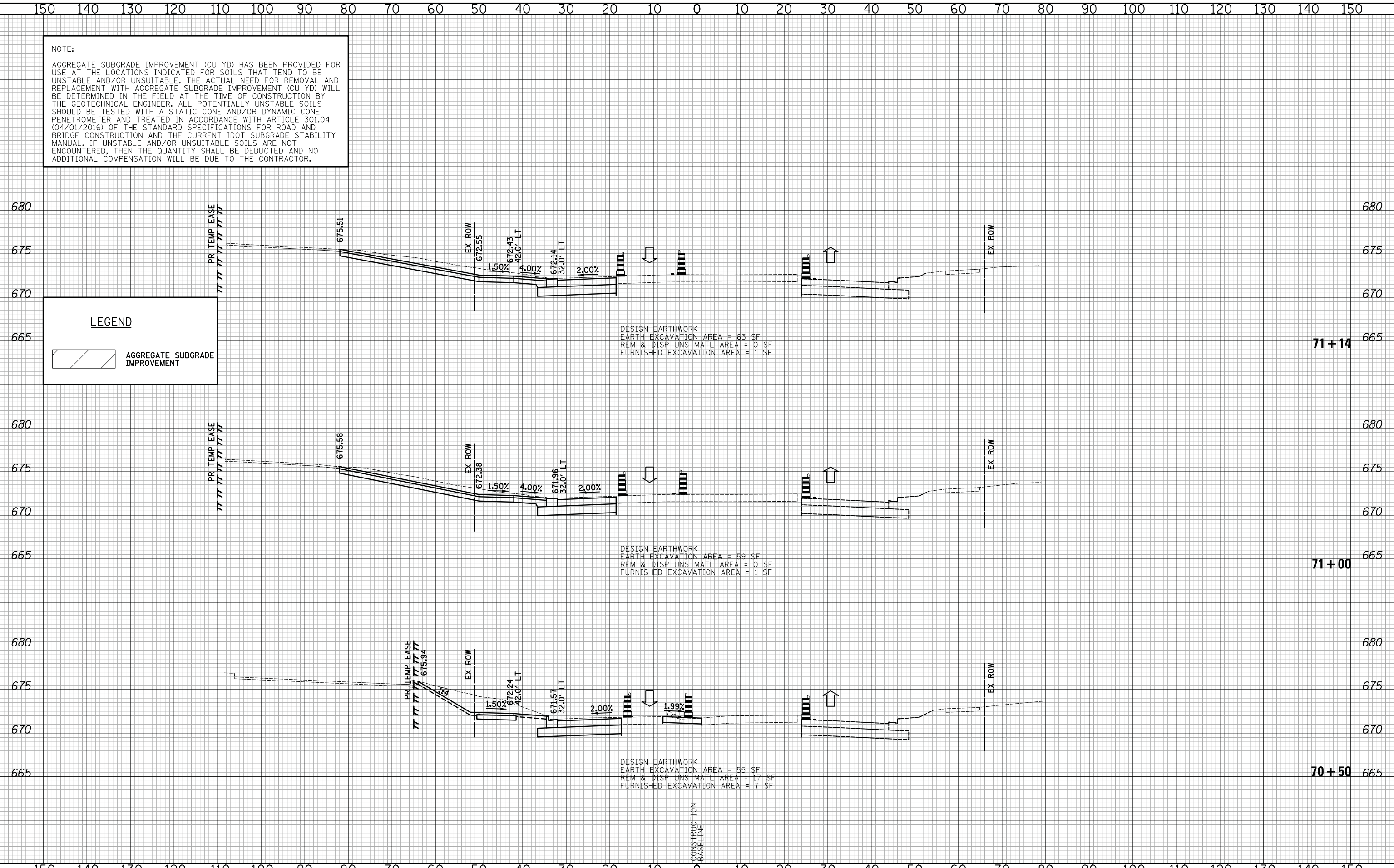
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

**LEGEND**

 AGGREGATE SUBGRADE IMPROVEMENT



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE II - WEILAND ROAD**

SHEET NO. 51 OF 54 SHEETS STA. 70+50 TO STA. 71+14

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	424
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E24

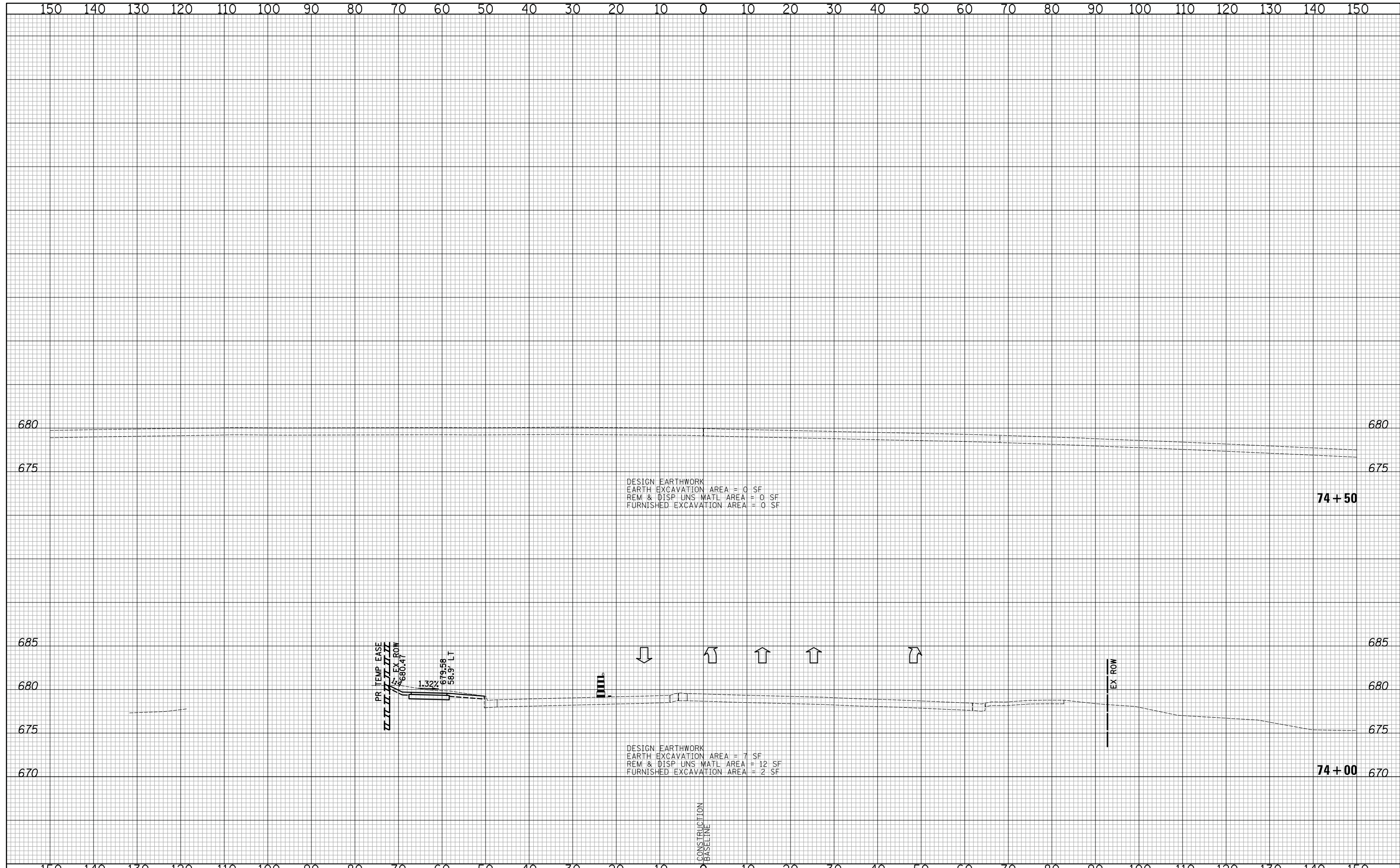






DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



**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 - 10/8/2018	REVISED -

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

VERT. 0 5 10  
 HORIZ. 0 10 20

SCALES

**CROSS SECTIONS STAGE II - WEILAND ROAD**

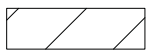
SHEET NO. 54 OF 54 SHEETS STA. 74+00 TO STA. 74+50

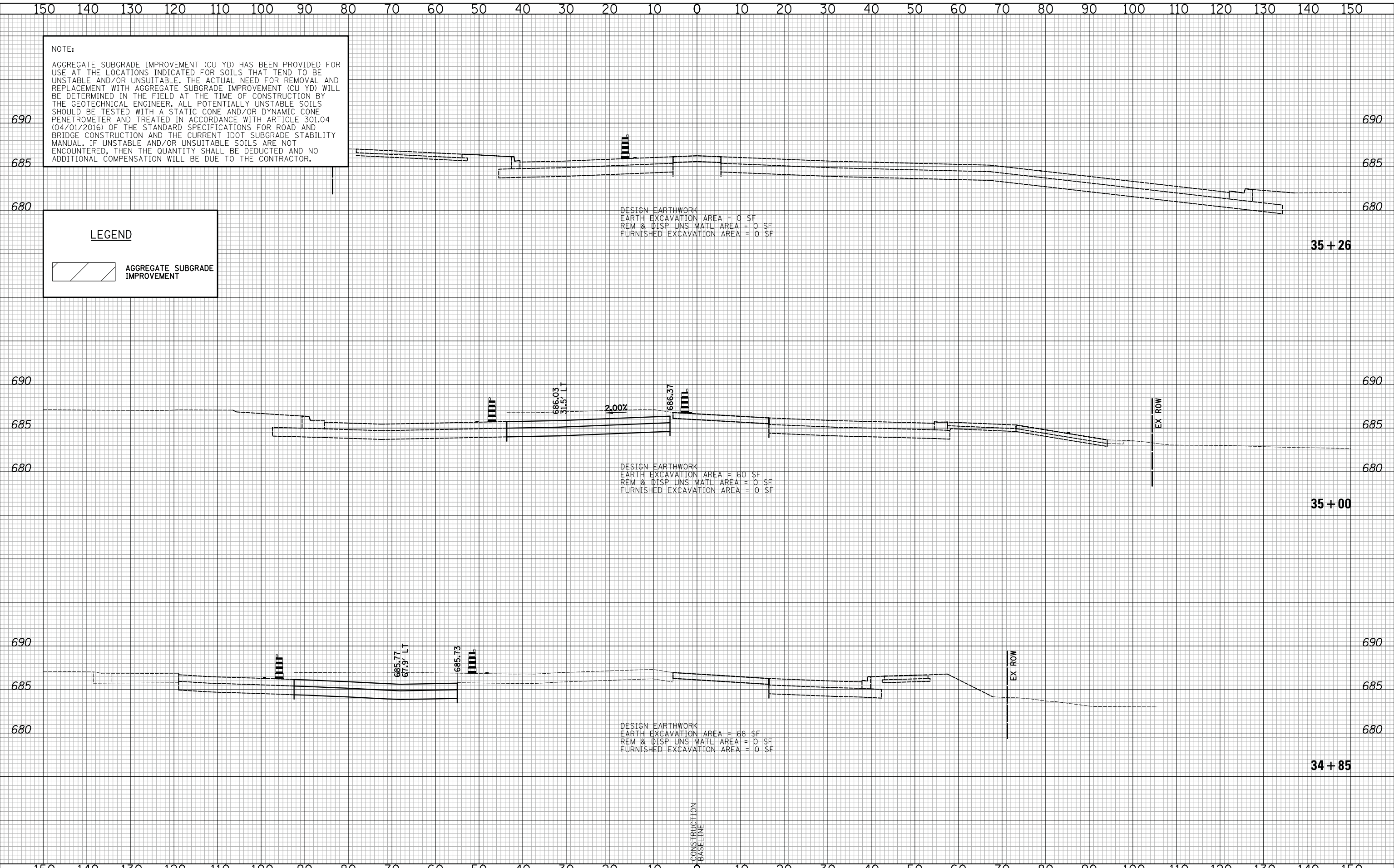
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	427
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

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



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

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 60 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 0 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 68 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 0 SF

CONSTRUCTION  
 BASELINE

**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE IIA - WEILAND ROAD**

SHEET NO. 1 OF 1 SHEETS STA. 34+85 TO STA. 35+26

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	428
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

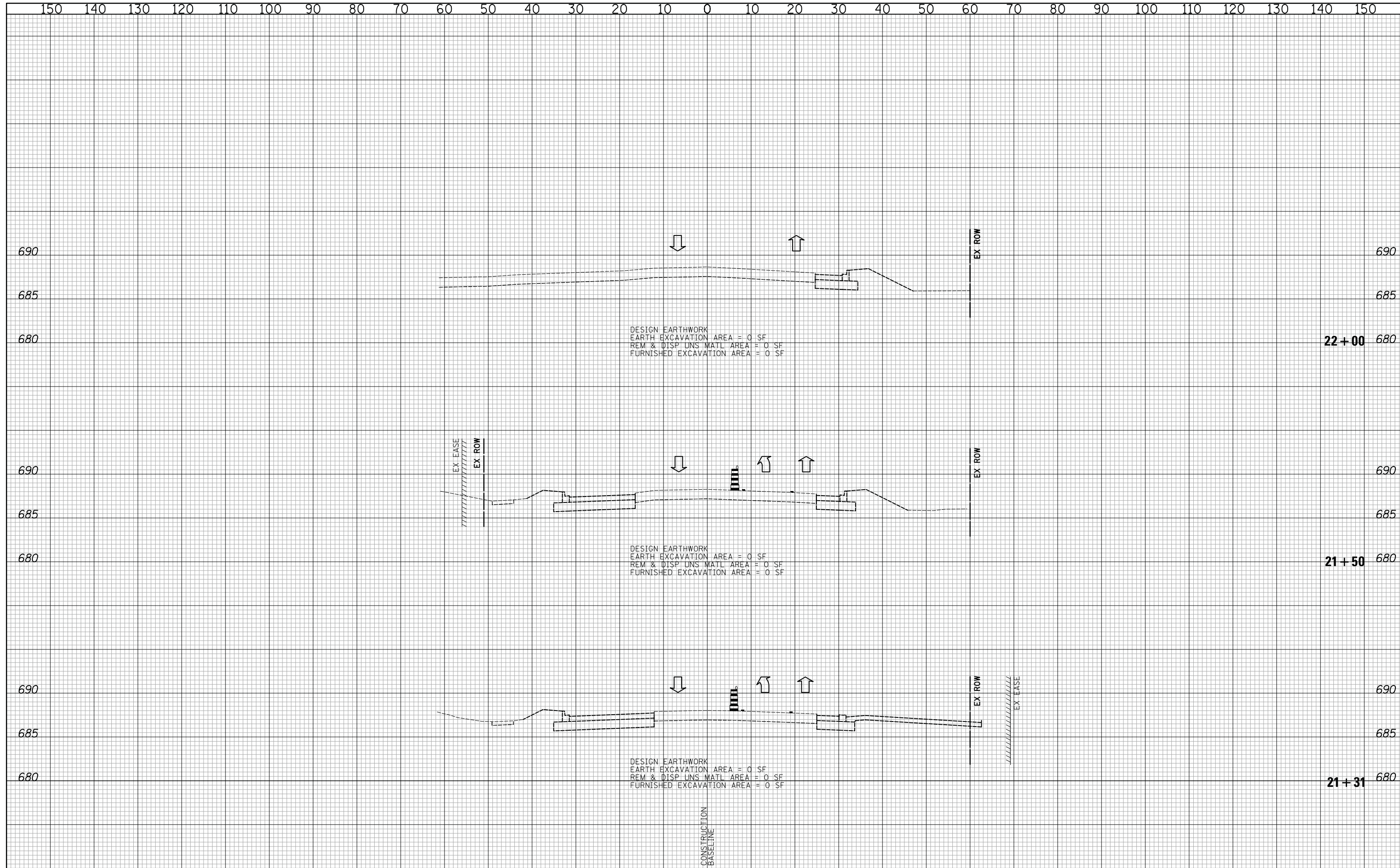






DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



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

CONSTRUCTION  
 BASELINE



**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 3 OF 54 SHEETS STA. 21+31 TO STA. 22+00

**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	432
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

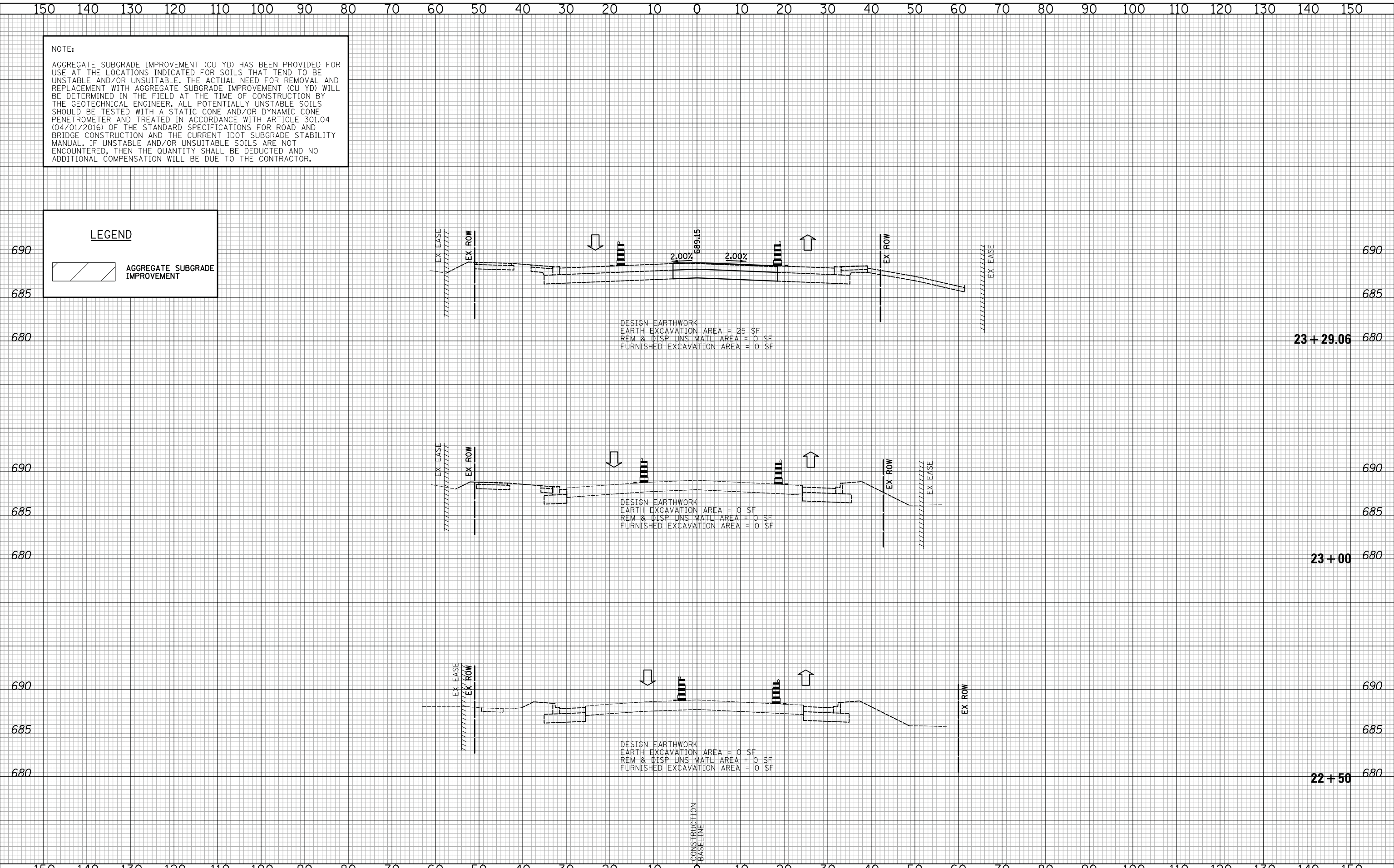


NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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	
ORIGINAL SURVEY NO.	
SURVEYED PLOTTED TEMPLATE AREAS CHECKED	
NOTE BOOK NO.	

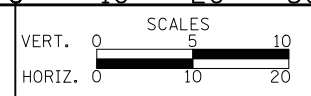
DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED PLOTTED TEMPLATE AREAS CHECKED	
NOTE BOOK NO.	



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 - 10/8/2018	REVISED -

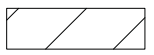
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE III - WEILAND ROAD  
 SHEET NO. 4 OF 54 SHEETS STA. 22+50 TO STA. 23+29.06

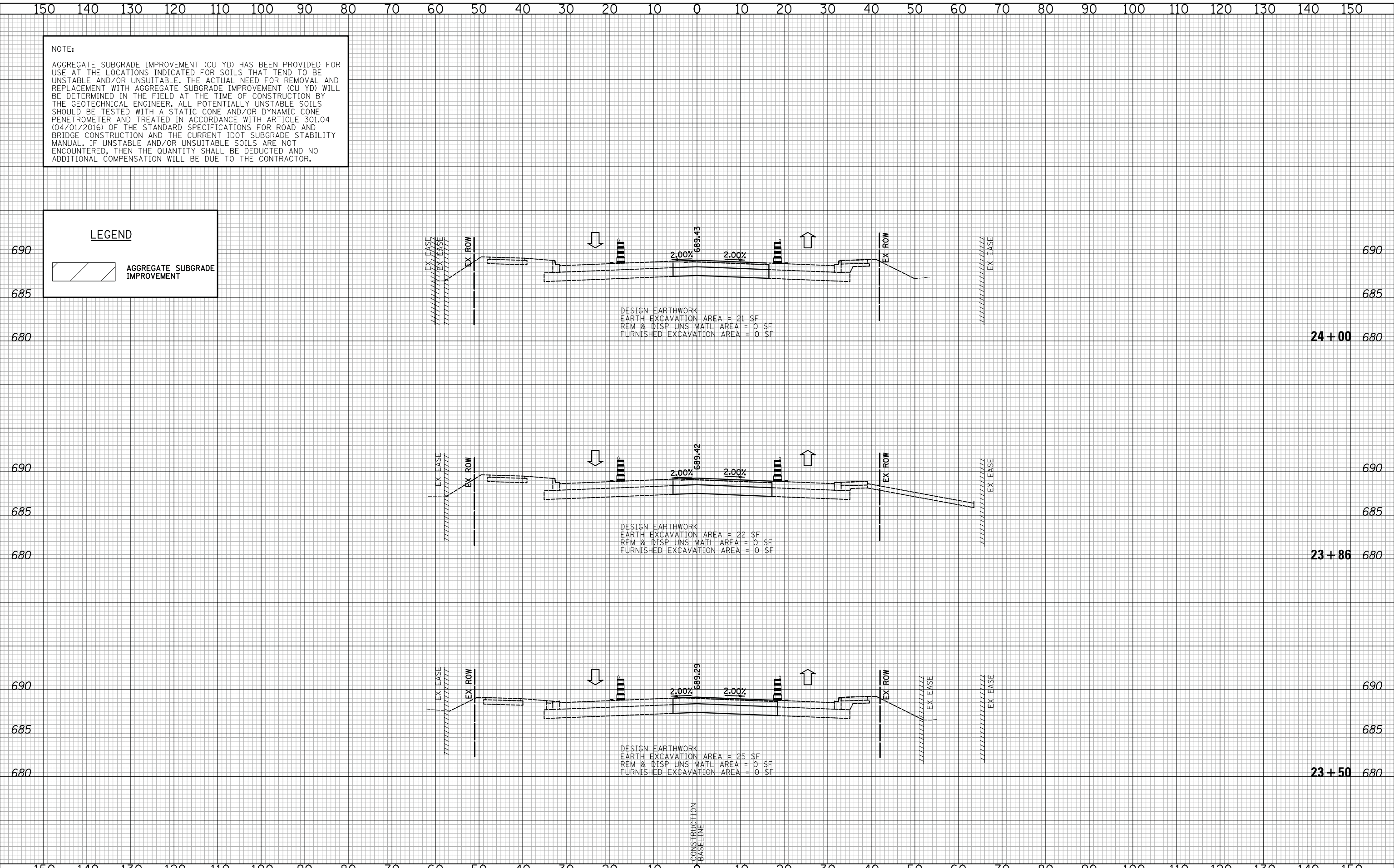
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	433
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

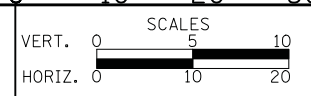
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 5 OF 54 SHEETS STA. 23+50 TO STA. 24+00

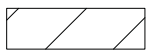
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	434
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

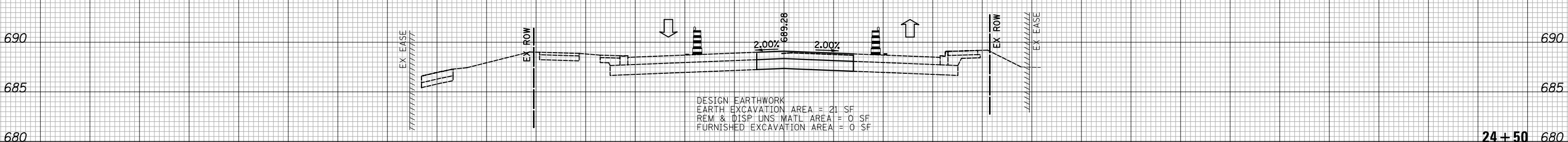
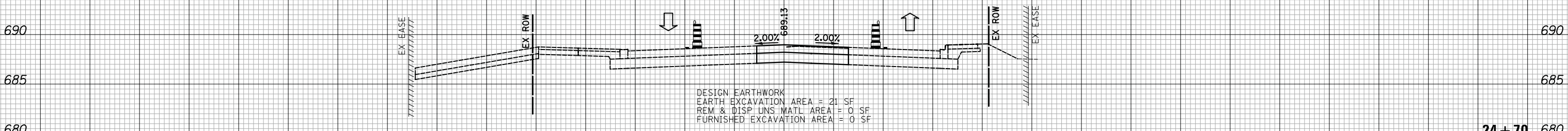
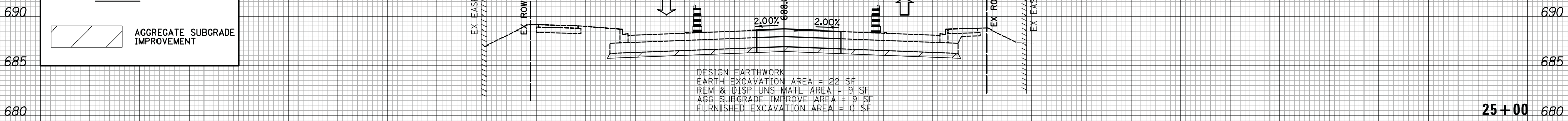
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

**NOTE:**  
 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.

DATE	BY

**LEGEND**

 AGGREGATE SUBGRADE IMPROVEMENT



DATE	BY

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

**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 - 10/8/2018	REVISED -

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

VERT. 0 5 10  
 HORIZ. 0 10 20

SCALES

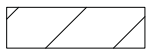
**CROSS SECTIONS STAGE III - WEILAND ROAD**

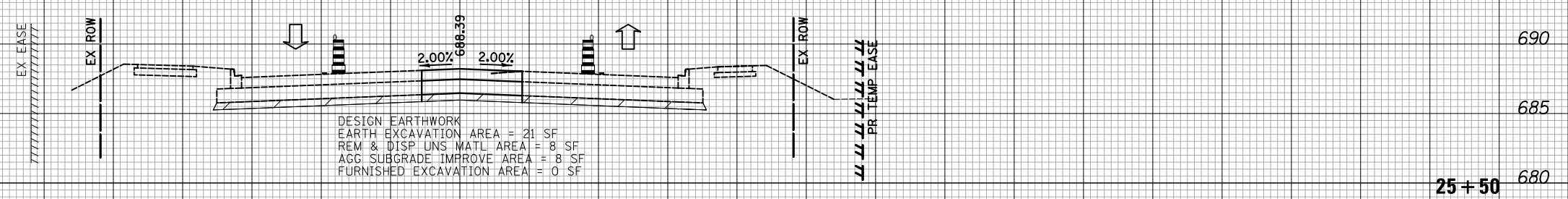
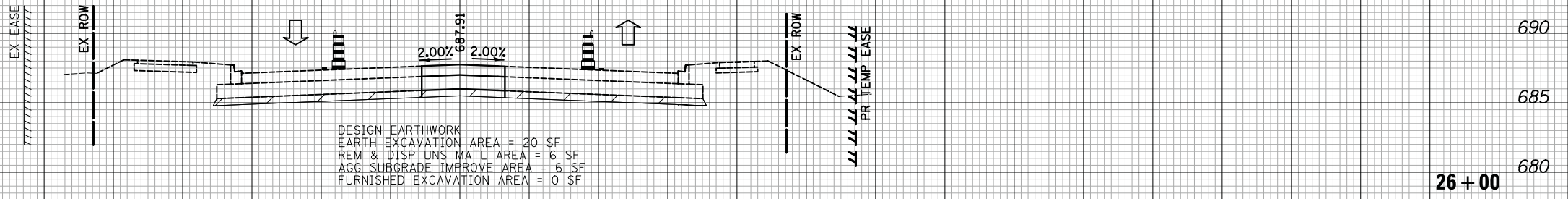
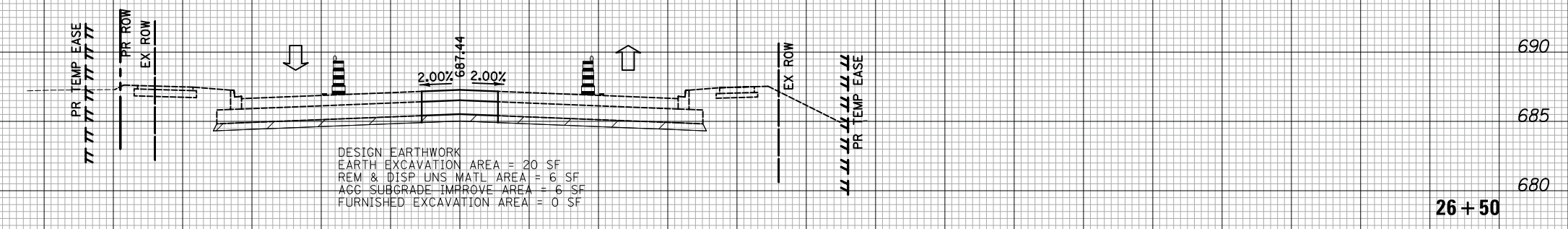
SHEET NO. 6 OF 54 SHEETS STA. 24+50 TO STA. 25+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	435
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E24

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.

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

**LEGEND**  
 AGGREGATE SUBGRADE IMPROVEMENT



DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 10/8/2018

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

VERT. 0 5 10  
 HORIZ. 0 10 20  
 SCALES

**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 7 OF 54 SHEETS STA. 25+50 TO STA. 26+50

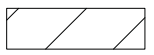
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	436
CONTRACT NO. 61E24				

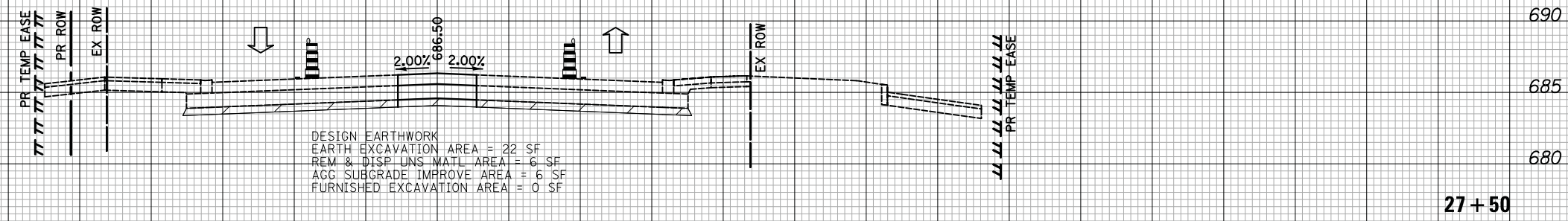
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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

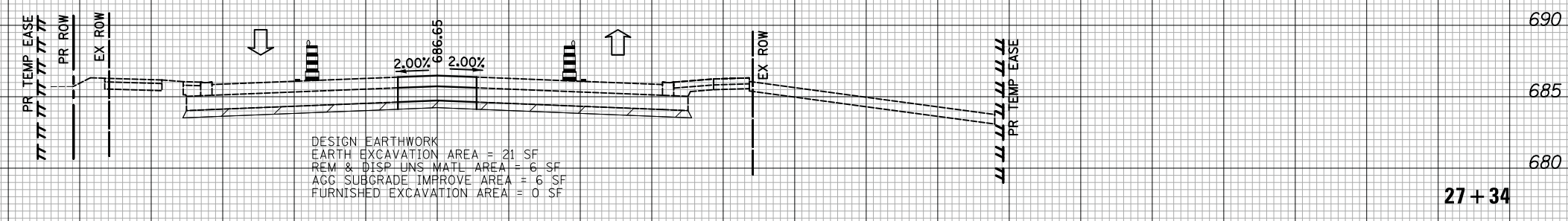
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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.

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

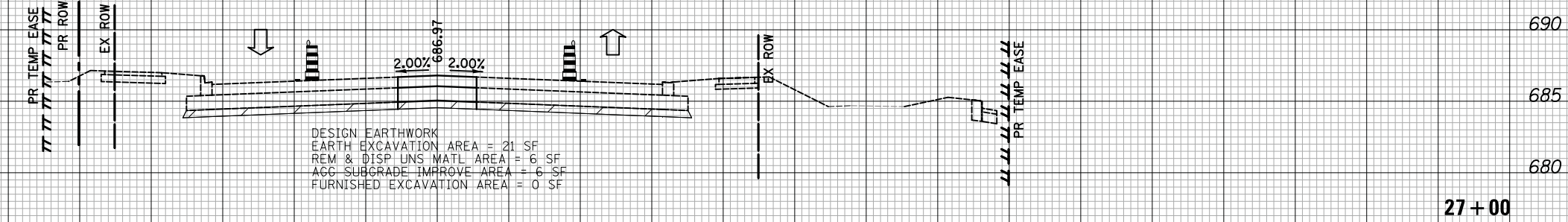
**LEGEND**  
 AGGREGATE SUBGRADE IMPROVEMENT



27+50



27+34



27+00

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

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

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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE III - WEILAND ROAD

SHEET NO. 8 OF 54 SHEETS STA. 27+00 TO STA. 27+50

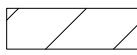
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	437
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

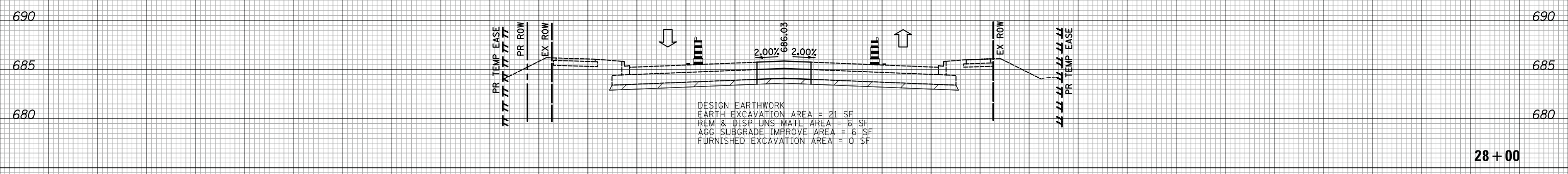
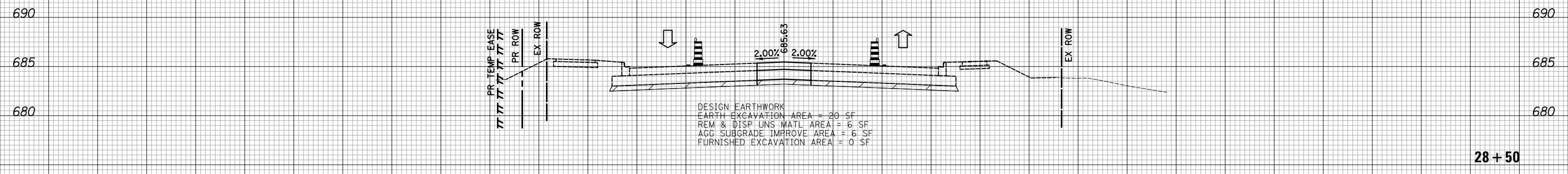
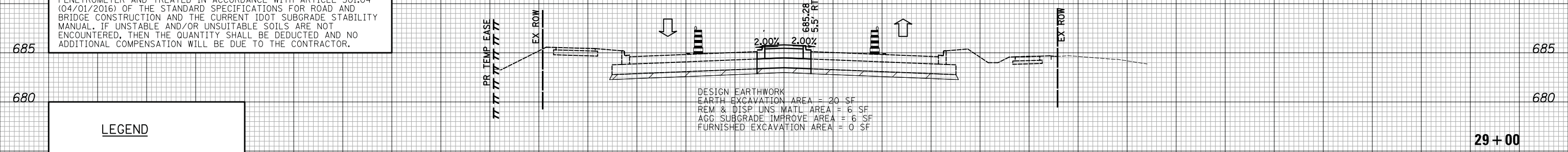
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

NOTE:  
 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.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

**LEGEND**

 AGGREGATE SUBGRADE IMPROVEMENT



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

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

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

DESIGNED - PK	REVISIED -
DRAWN - PK	REVISIED -
CHECKED - JRV	REVISIED -
DATE - 10/8/2018	REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

VERT. 0 5 10  
 HORIZ. 0 10 20

SCALES

**CROSS SECTIONS STAGE III - WEILAND ROAD**

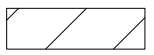
SHEET NO. 9 OF 54 SHEETS STA. 28+00 TO STA. 29+00

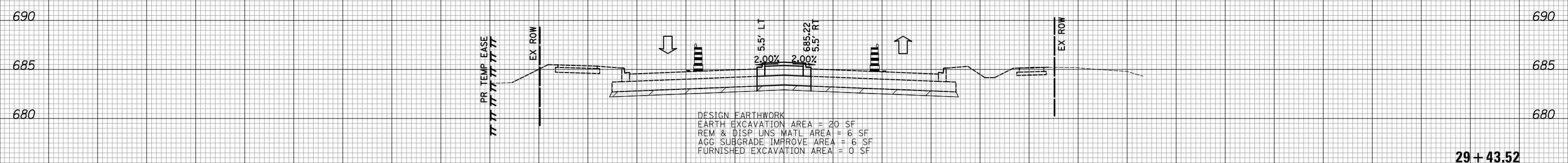
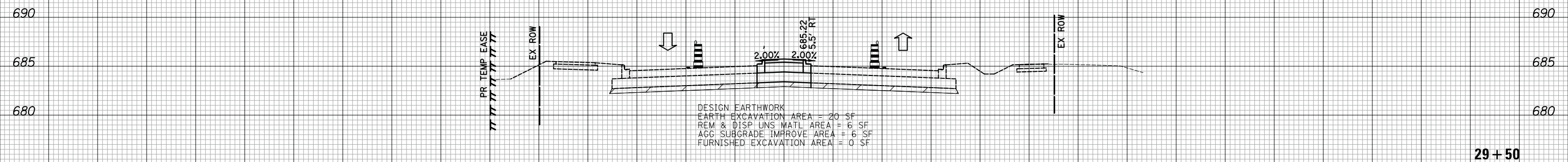
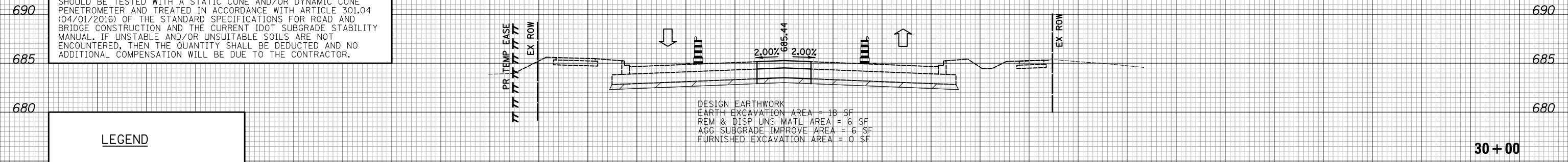
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	438
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

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



CONSTRUCTION BASELINE

**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 - 10/8/2018	REVISED -

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



**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 10 OF 54 SHEETS STA. 29+43.52 TO STA. 30+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	439
CONTRACT NO. 61E24				
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:

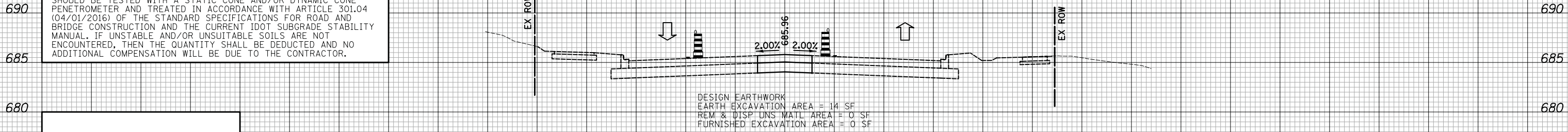
AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE 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

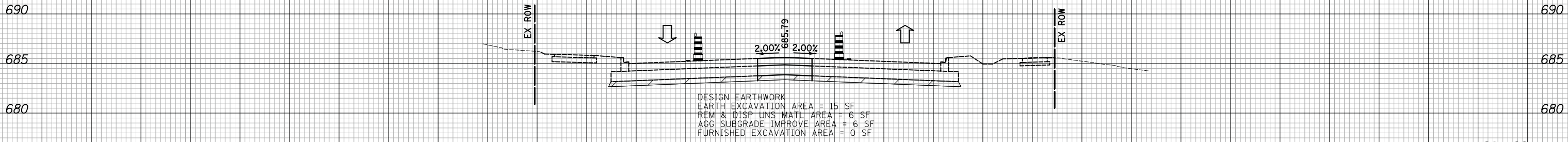
AGGREGATE SUBGRADE IMPROVEMENT

Table with columns: DATE, BY, SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED, FINISH, SURVEY, NOTE BOOK, NO.

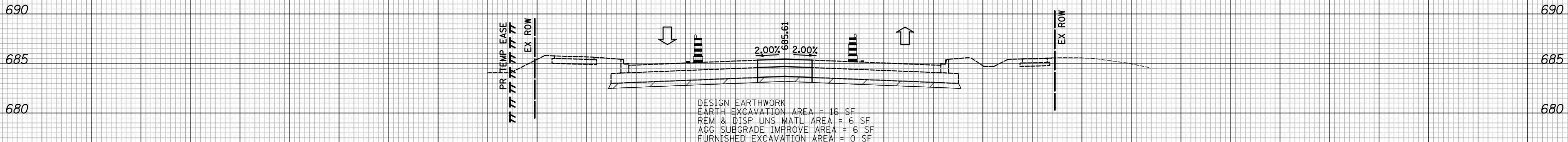
Table with columns: DATE, BY, SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED, ORIGINAL, SURVEY, NOTE BOOK, NO.



31+50



31+00



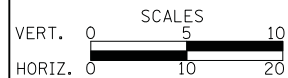
30+50

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

CIVILTECH logo and address: Two Pierce Place, Suite 1400, Itasca, Illinois 60143

Table with columns: DESIGNED, DRAWN, CHECKED, DATE, REVISED, REVISIONS.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE III - WEILAND ROAD

SHEET NO. 11 OF 54 SHEETS STA. 30+50 TO STA. 31+50

Table with columns: F.A.U. RTE., SECTION, COUNTY, LAKE, SHEETS, SHEET NO., CONTRACT NO.

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



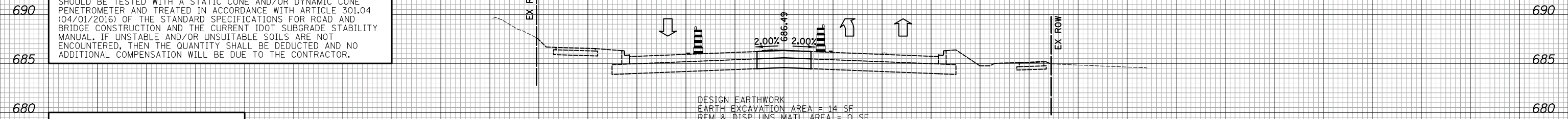
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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**

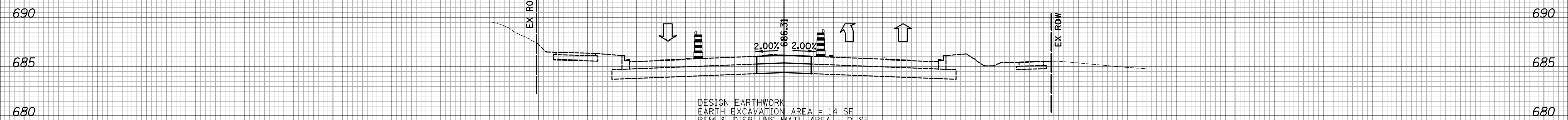
AGGREGATE SUBGRADE IMPROVEMENT

DATE	BY
DATE	BY
DATE	BY
DATE	BY

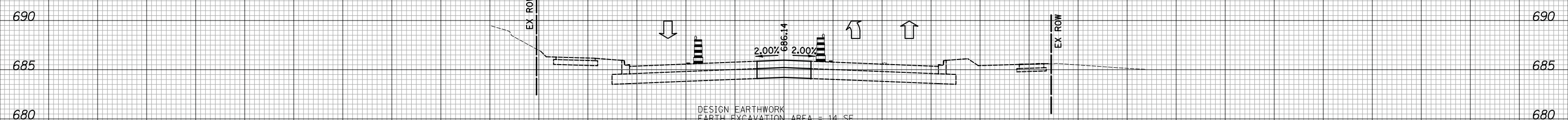
DATE	BY
DATE	BY
DATE	BY
DATE	BY



33+00



32+50



32+00

CONSTRUCTION BASELINE

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

DESIGNED - PK	REVISIONS
DRAWN - PK	REVISIONS
CHECKED - JRV	REVISIONS
DATE - 10/8/2018	REVISIONS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION




CROSS SECTIONS STAGE III - WEILAND ROAD

SHEET NO. 12 OF 54 SHEETS STA. 32+00 TO STA. 33+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	441
CONTRACT NO. 61E24				
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

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

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

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

CONSTRUCTION  
 BASELINE

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

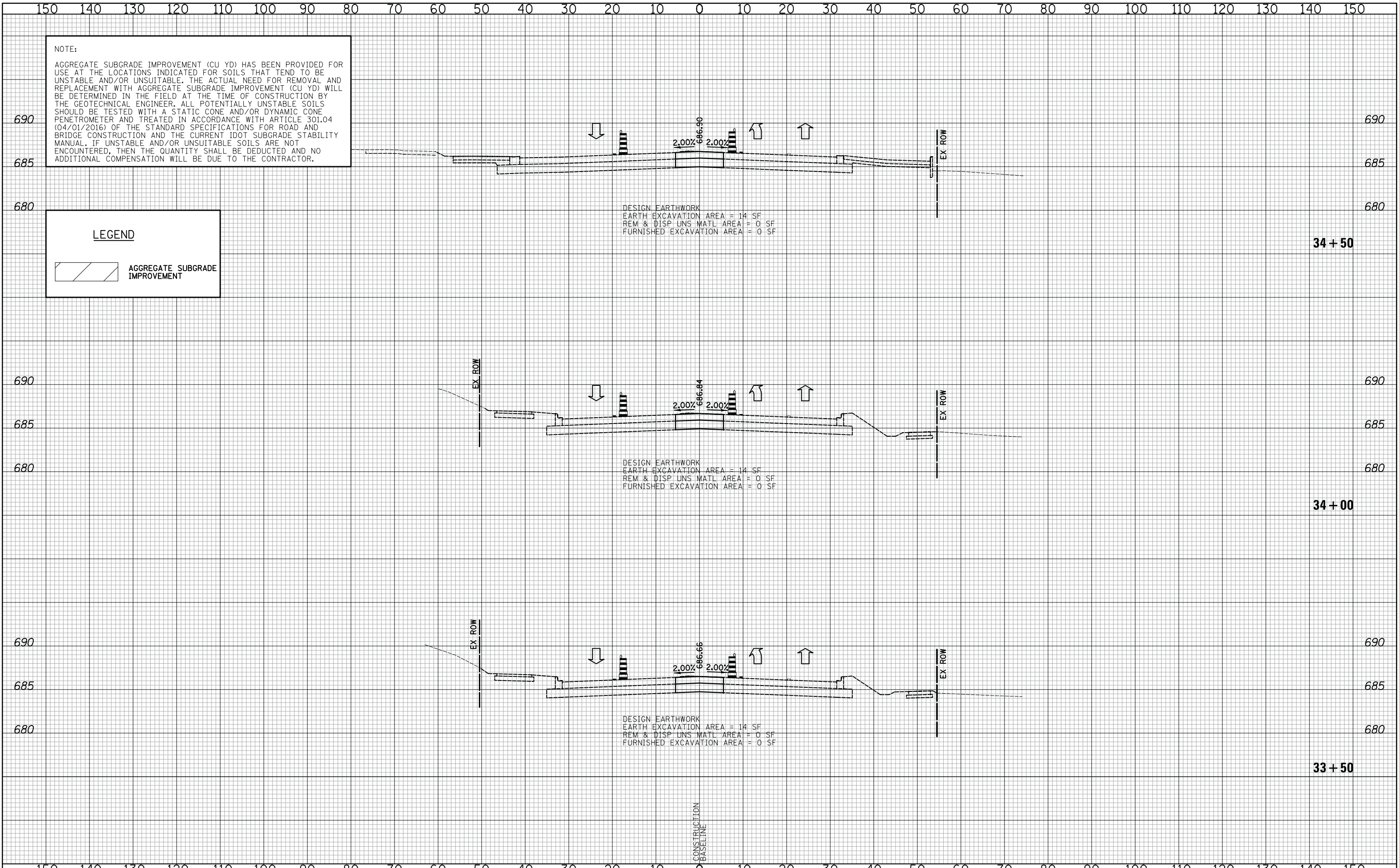
VERT. 0 5 10  
 HORIZ. 0 10 20

**CROSS SECTIONS STAGE III - WEILAND ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	442
CONTRACT NO. 61E24				

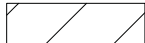
SHEET NO. 13 OF 54 SHEETS STA. 33+50 TO STA. 34+50

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:**  
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 = 12 SF  
REM & DISP UNS MATL AREA = 0 SF  
FURNISHED EXCAVATION AREA = 0 SF

**35 + 26**

DESIGN EARTHWORK  
EARTH EXCAVATION AREA = 27 SF  
REM & DISP UNS MATL AREA = 0 SF  
FURNISHED EXCAVATION AREA = 0 SF

**35 + 00**

DESIGN EARTHWORK  
EARTH EXCAVATION AREA = 28 SF  
REM & DISP UNS MATL AREA = 0 SF  
FURNISHED EXCAVATION AREA = 0 SF

**34 + 85**

CONSTRUCTION  
BASELINE

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

DATE	
BY	
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

**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

VERT. 0 5 10  
HORIZ. 0 10 20  
SCALES

**CROSS SECTIONS STAGE III - WEILAND ROAD**

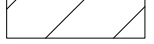
SHEET NO. 14 OF 54 SHEETS STA. 34+85 TO STA. 35+26

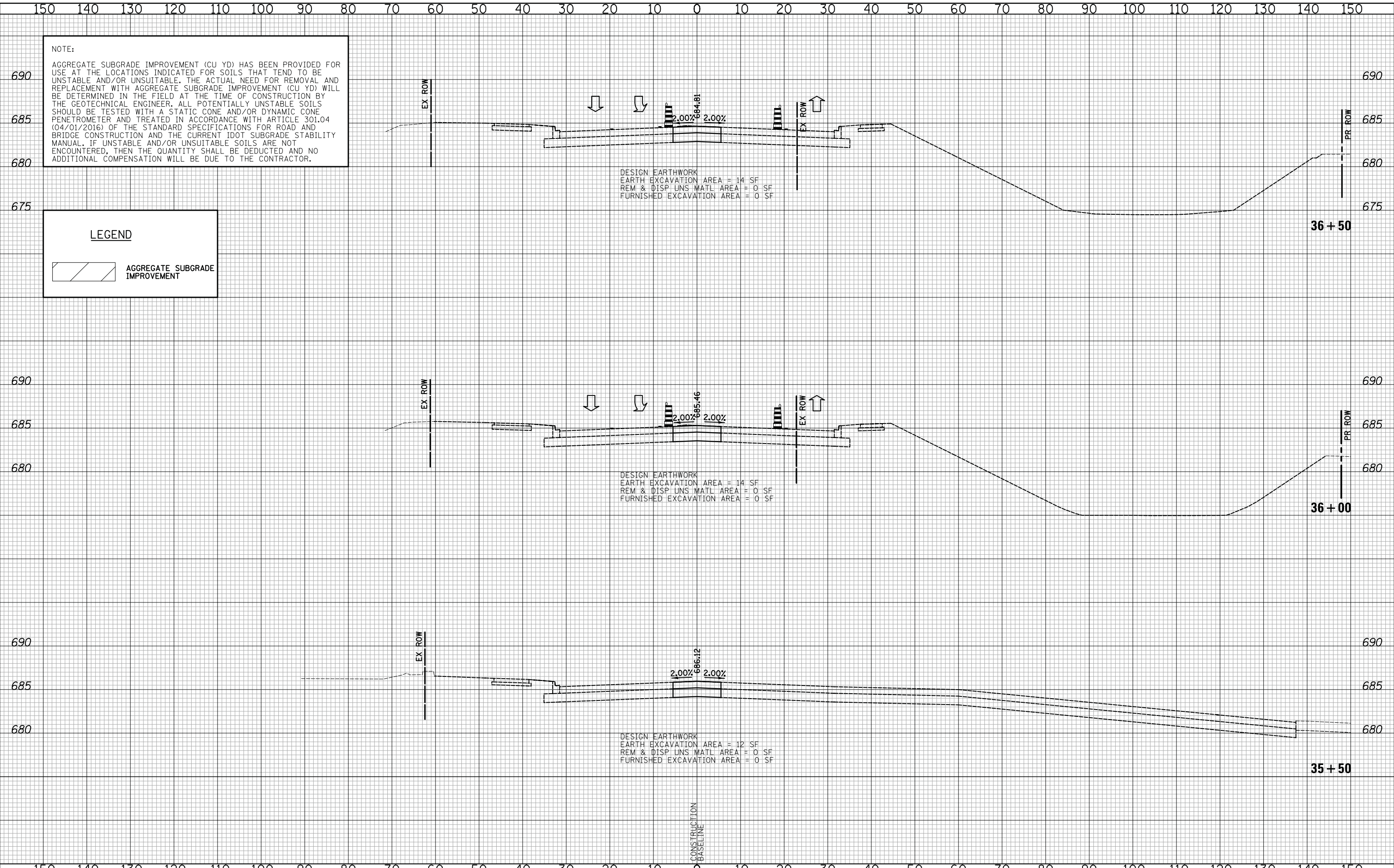
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	443
				<b>CONTRACT NO. 61E24</b>
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

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



**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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE III - WEILAND ROAD

SHEET NO. 15 OF 54 SHEETS STA. 35+50 TO STA. 36+50

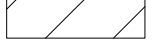
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	444
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E24	

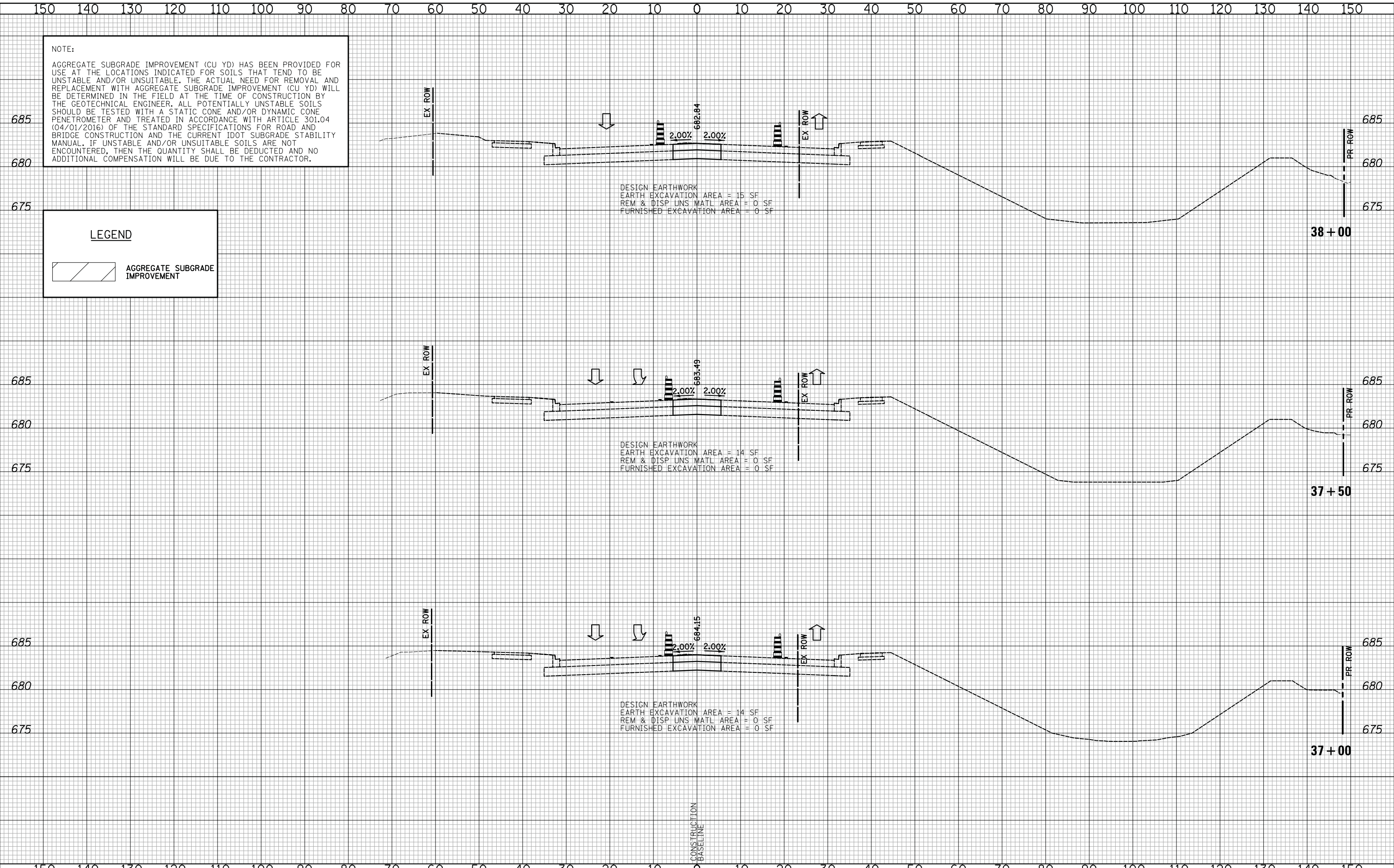
DATE	
BY	
FINAL SURVEY NO.	
SURVEYED PLOTTED AREAS CHECKED	
TEMPLATE	
NOTE BOOK	

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

**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



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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

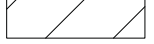
SHEET NO. 16 OF 54 SHEETS STA. 37+00 TO STA. 38+00

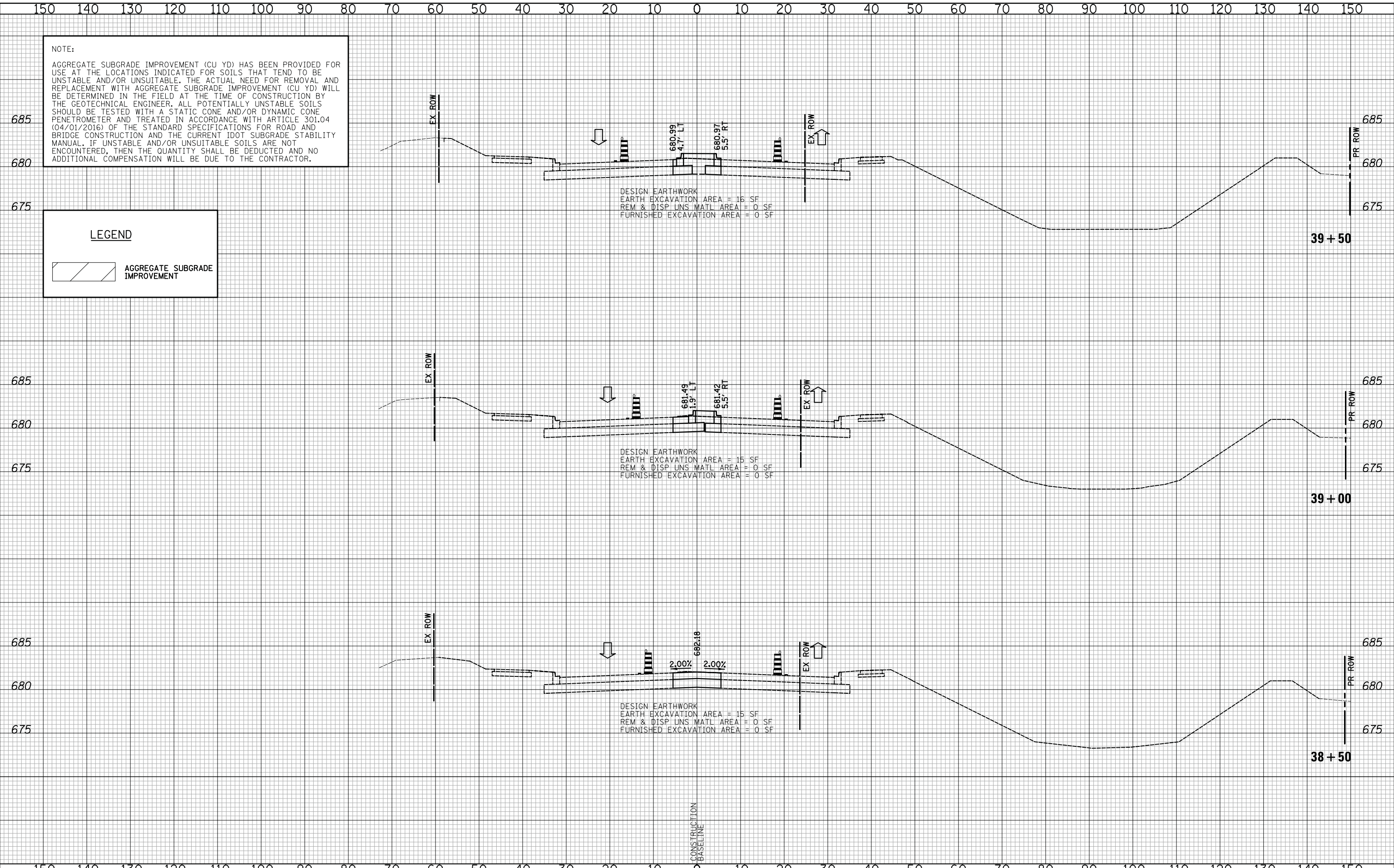
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	445
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E24	

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

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

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



**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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE III - WEILAND ROAD

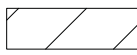
SHEET NO. 17 OF 54 SHEETS STA. 38+50 TO STA. 39+50

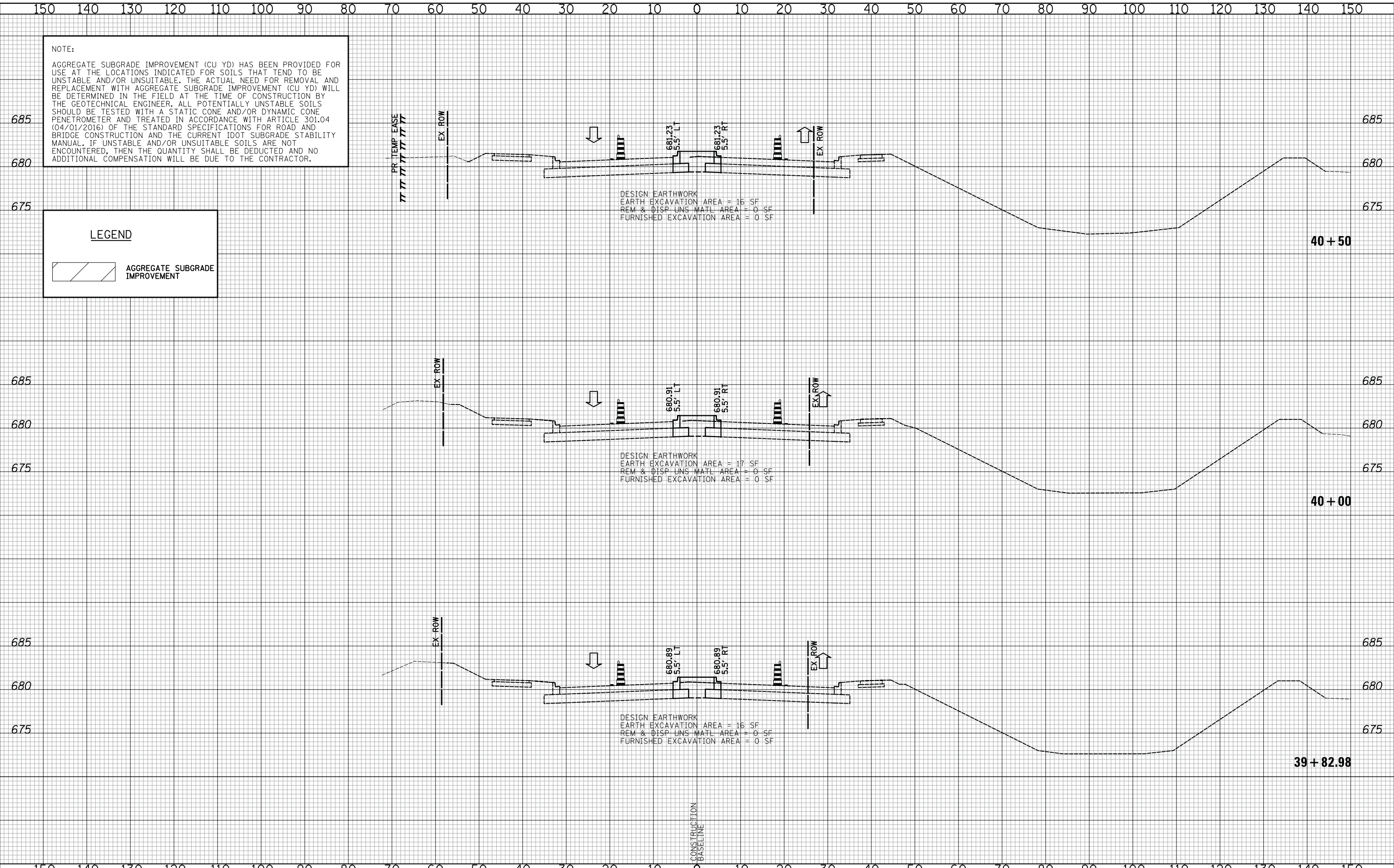
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	446
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	

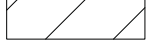
DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	

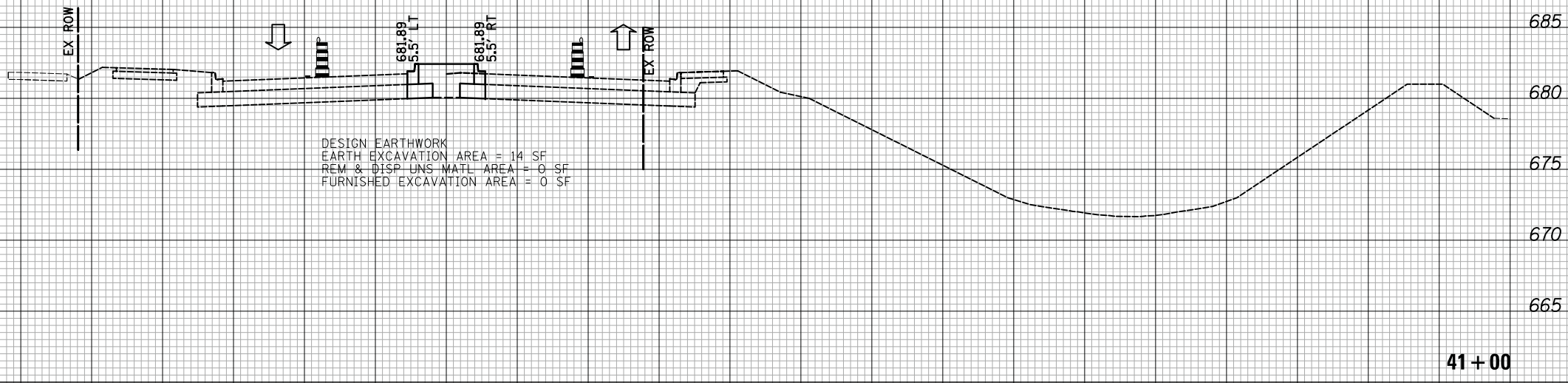
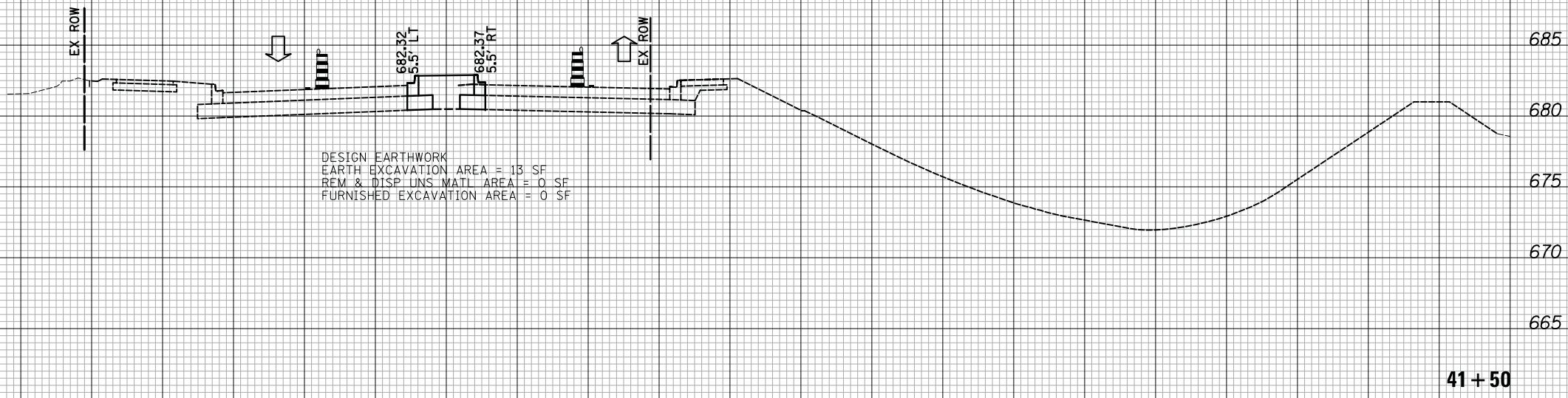
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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



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



CONSTRUCTION  
 BASELINE

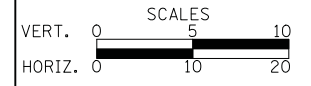
DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NOTE BOOK	NO.

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NOTE BOOK	NO.

**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 19 OF 54 SHEETS STA. 41+00 TO STA. 41+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	448
				CONTRACT NO. 61E24

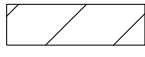
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



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:  
 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.

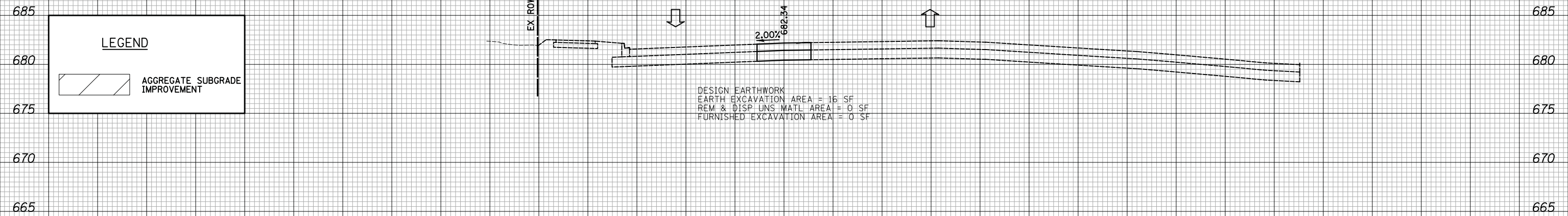
**LEGEND**



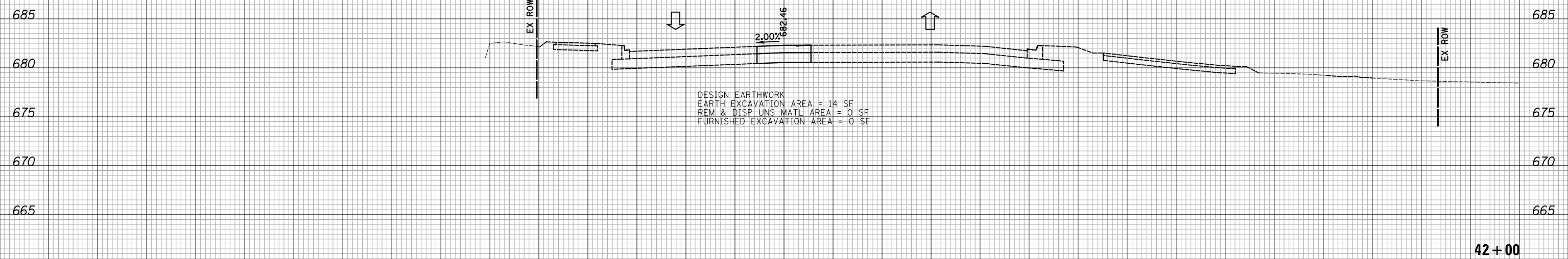
AGGREGATE SUBGRADE IMPROVEMENT

DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY



42 + 24



42 + 00

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

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

DESIGNED - PK	REVIS	-
DRAWN - PK	REVIS	-
CHECKED - JRV	REVIS	-
DATE - 10/8/2018	REVIS	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

VERT. 0 5 10  
 HORIZ. 0 10 20

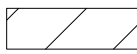
SCALES

**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 20 OF 54 SHEETS STA. 42+00 TO STA. 42+24

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	449
CONTRACT NO. 61E24				
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**

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 23 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

**43+00**

**42+50**

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NOTE BOOK	
NO.	

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NOTE BOOK	
NO.	

 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 - 10/8/2018	REVISED -

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




**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 21 OF 54 SHEETS STA. 42+50 TO STA. 43+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	450
CONTRACT NO. 61E24				
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

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 28 SF  
 REM. & DISP. UNS. MATL. AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 0 SF

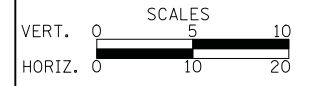
DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 28 SF  
 REM. & DISP. UNS. MATL. AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 0 SF

CONSTRUCTION  
 BASELINE

**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 22 OF 54 SHEETS STA. 43+50 TO STA. 43+55

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	451
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				CONTRACT NO. 61E24

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

FINIAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

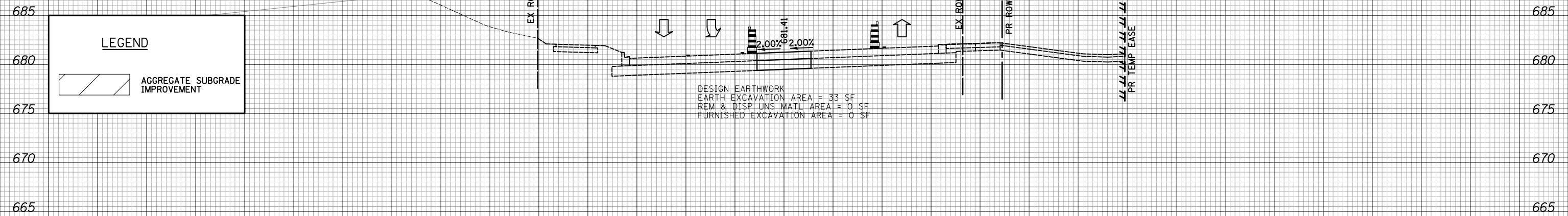
DATE: \_\_\_\_\_ BY: \_\_\_\_\_

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

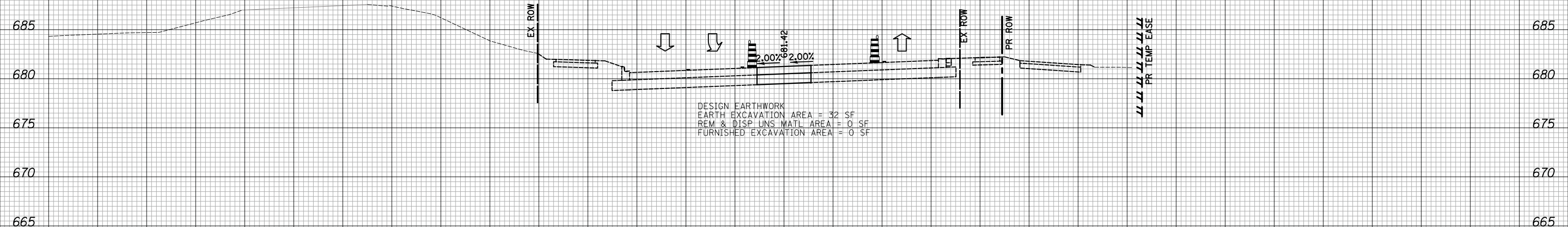
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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



44 + 12.73



44 + 00

DATE	BY

DATE	BY



DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 10/8/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



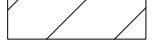
CROSS SECTIONS STAGE III - WEILAND ROAD

SHEET NO. 23 OF 54 SHEETS STA. 44+00 TO STA. 44+12.73

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	452
CONTRACT NO. 61E24				

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

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

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 34 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 0 SF

CONSTRUCTION  
 BASELINE

VERT. 0 5 10  
 HORIZ. 0 10 20  
 SCALES

DATE  
 BY  
 SURVEYED  
 PLOTTED  
 TEMPLATE  
 AREAS  
 CHECKED

DATE  
 BY  
 SURVEYED  
 PLOTTED  
 TEMPLATE  
 AREAS  
 CHECKED

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 10/8/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS STAGE III - WEILAND ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	453
CONTRACT NO. 61E24				

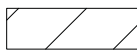
SHEET NO. 24 OF 54 SHEETS STA. 44+50 TO STA. 44+66

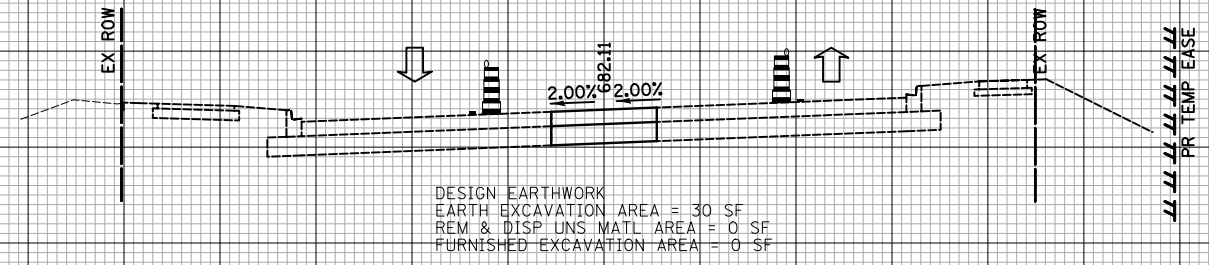
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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

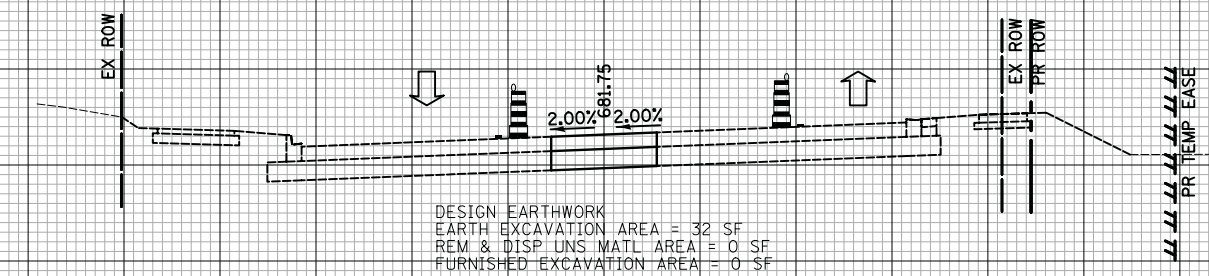
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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



45 + 50



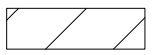
45 + 00

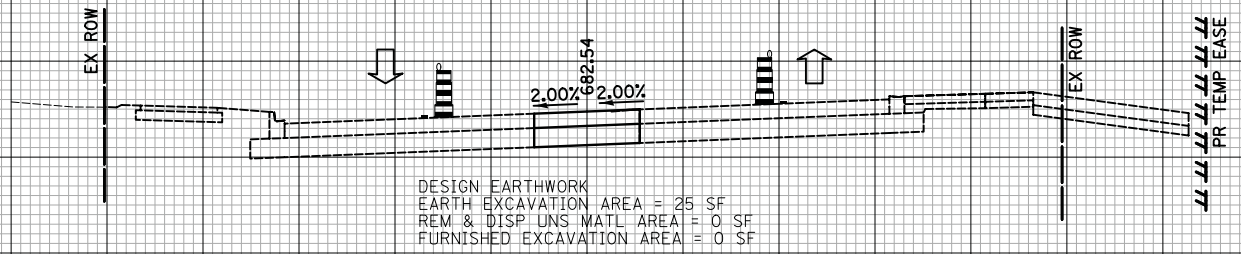
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

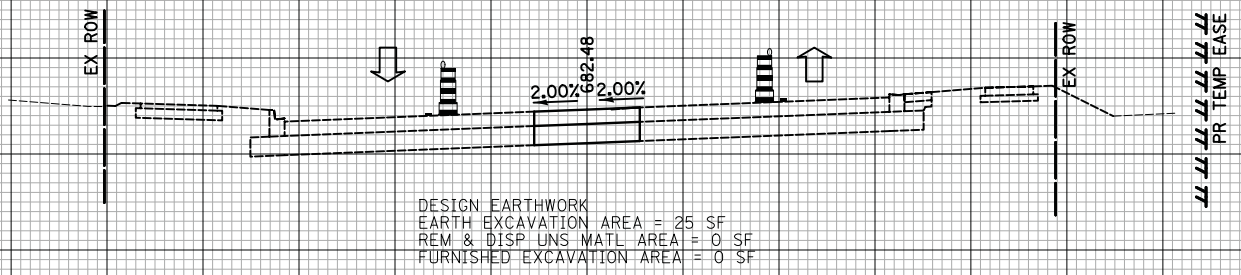
**NOTE:**  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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



**46 + 08**



**46 + 00**

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NOTE BOOK	NO.

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NOTE BOOK	NO.

**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



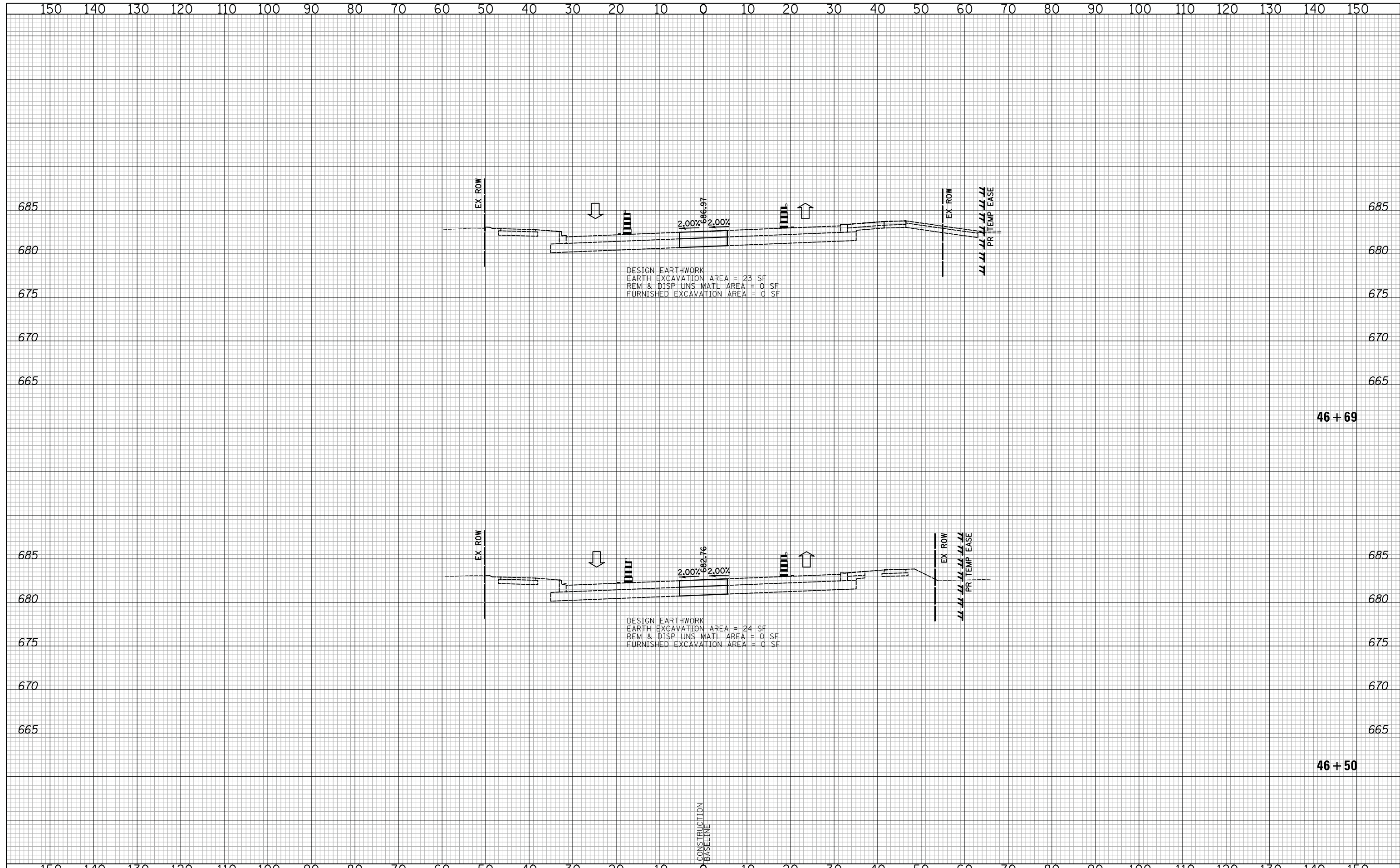
**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 26 OF 54 SHEETS STA. 46+00 TO STA. 46+08

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	455
				<b>CONTRACT NO. 61E24</b>
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

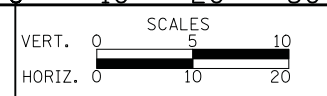
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



**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 - 10/8/2018	REVISED -

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



**CROSS SECTIONS STAGE III - WEILAND ROAD**

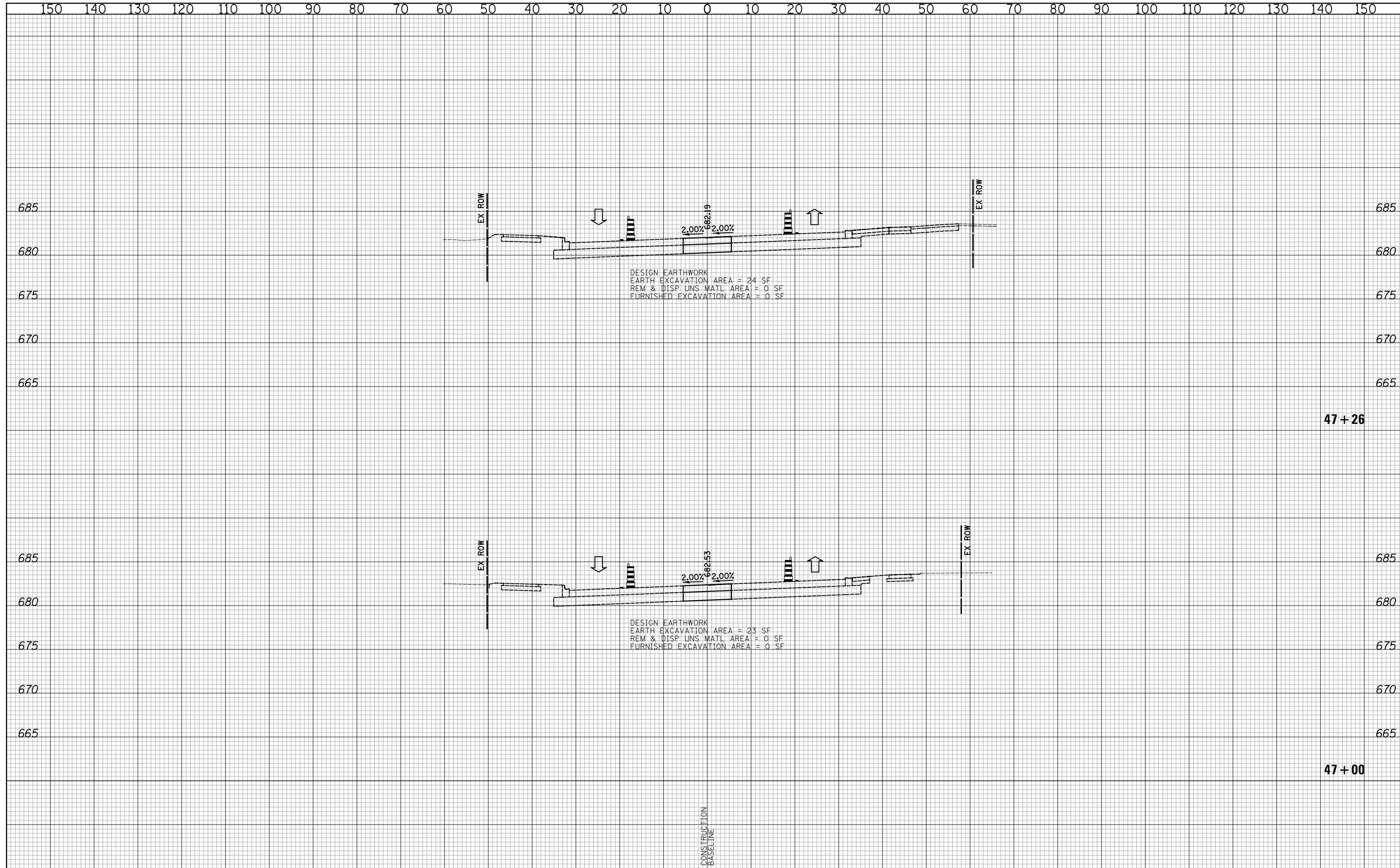
SHEET NO. 27 OF 54 SHEETS STA. 46+50 TO STA. 46+69

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	456
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

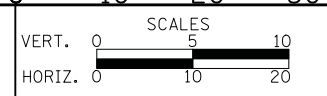
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



**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 - 10/8/2018	REVISED -

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



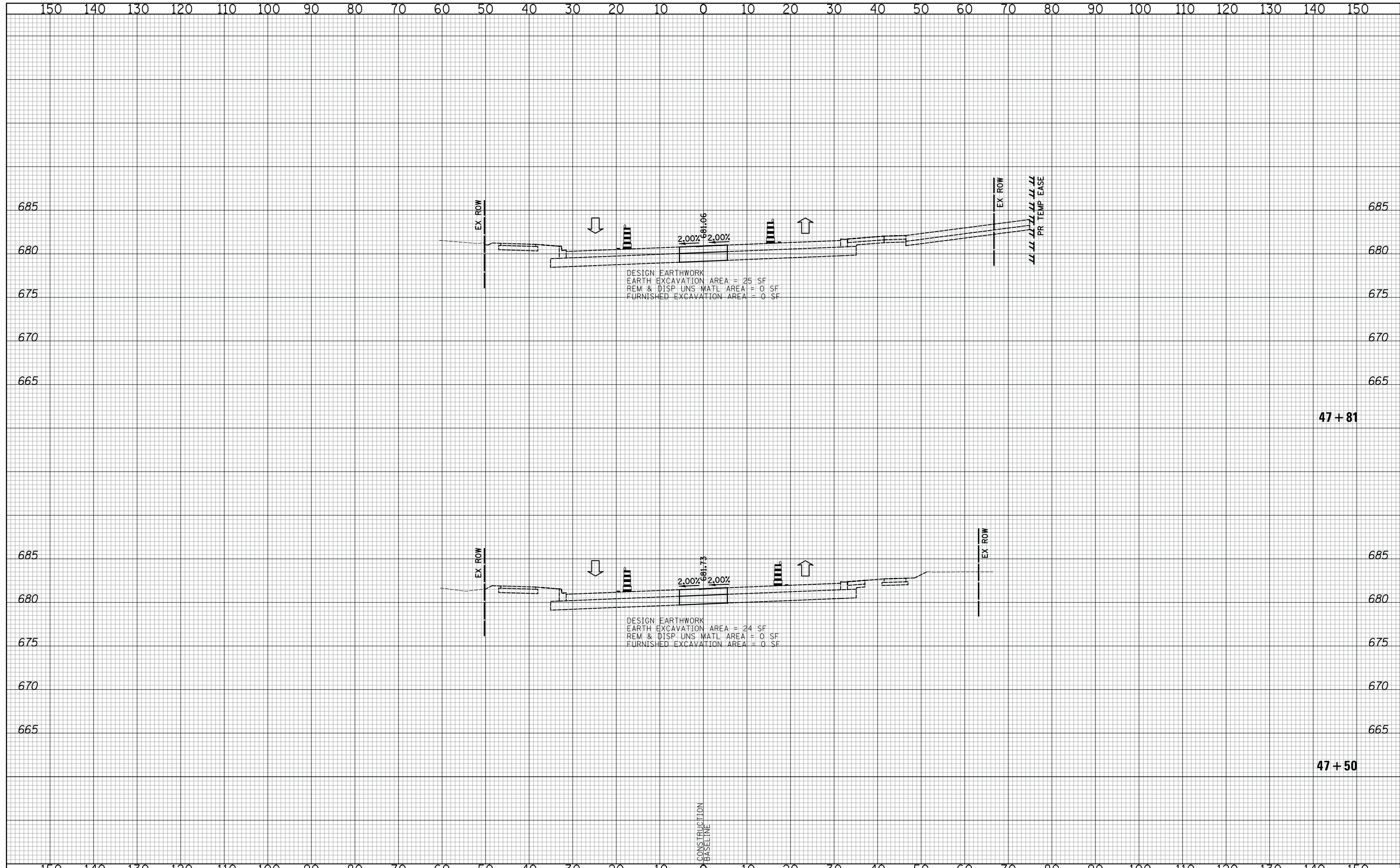
**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 28 OF 54 SHEETS STA. 47+00 TO STA. 47+26

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	457
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

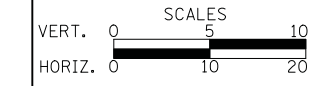
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



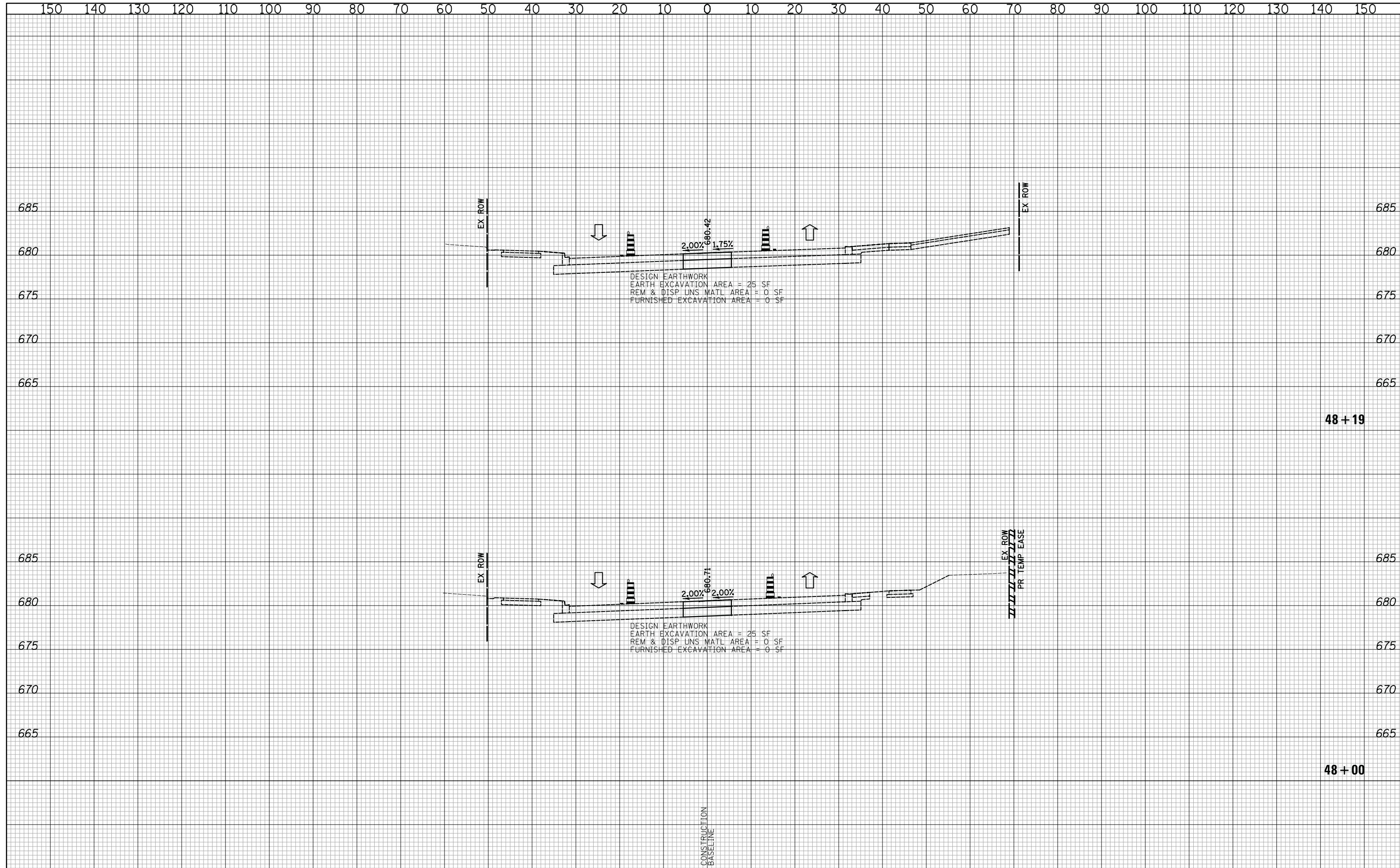
**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 29 OF 54 SHEETS STA. 47+50 TO STA. 47+81

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	458
				CONTRACT NO. 61E24
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.	



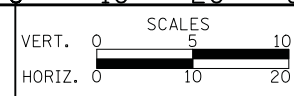
48 + 19

48 + 00

**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 - 10/8/2018	REVISED -

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

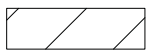


**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 30 OF 54 SHEETS STA. 48+00 TO STA. 48+19

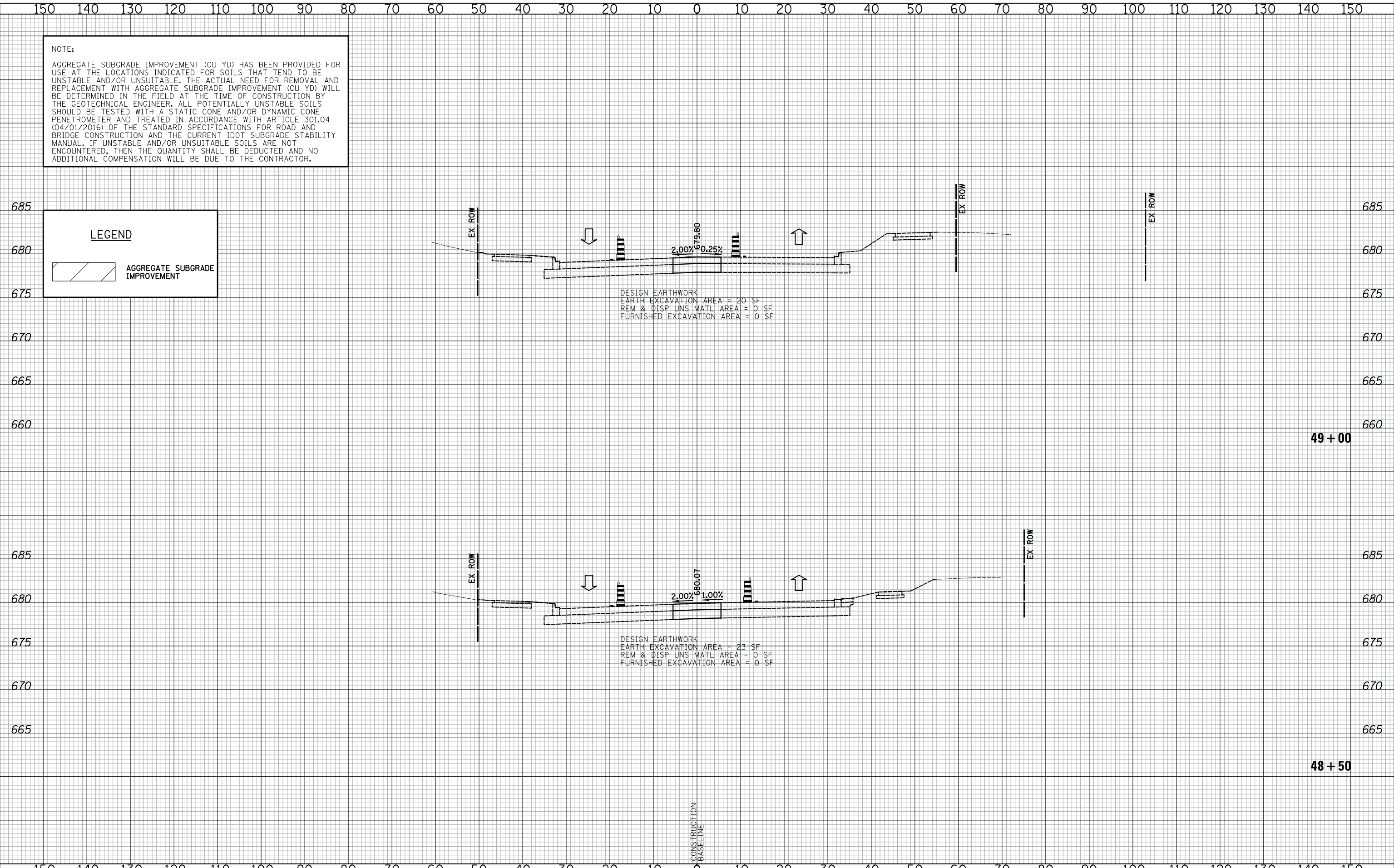
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	459
				<b>CONTRACT NO. 61E24</b>
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



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

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 23 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 0 SF

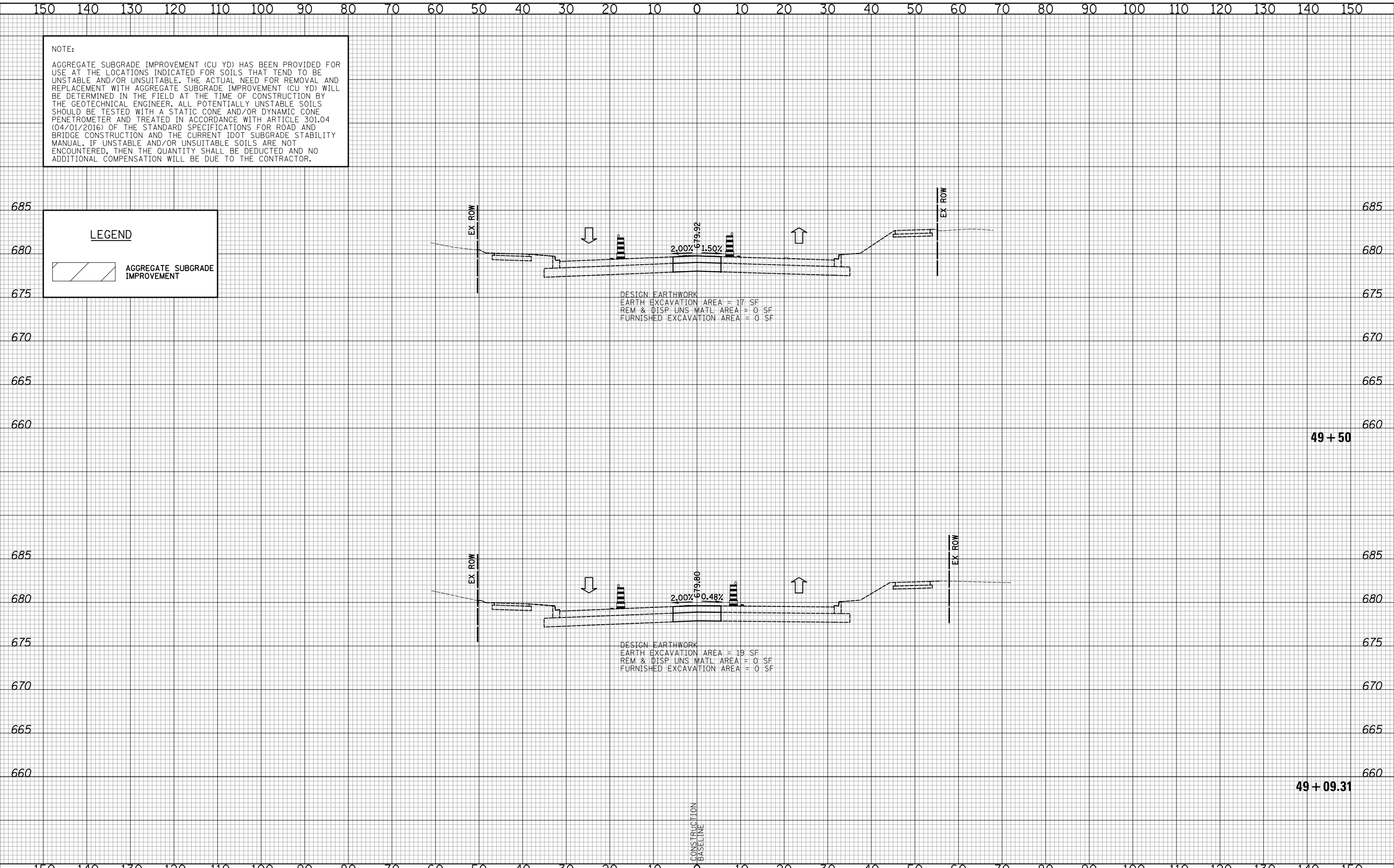
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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

DATE	BY



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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

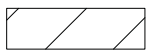


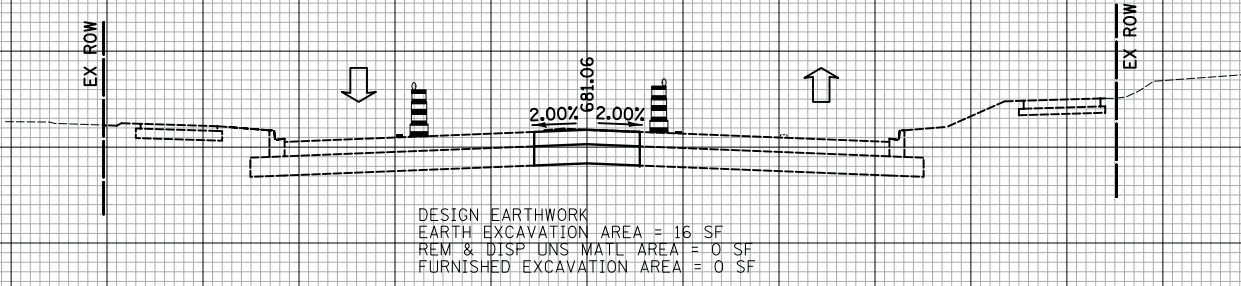
**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 32 OF 54 SHEETS STA. 49+09.31 TO STA. 49+50

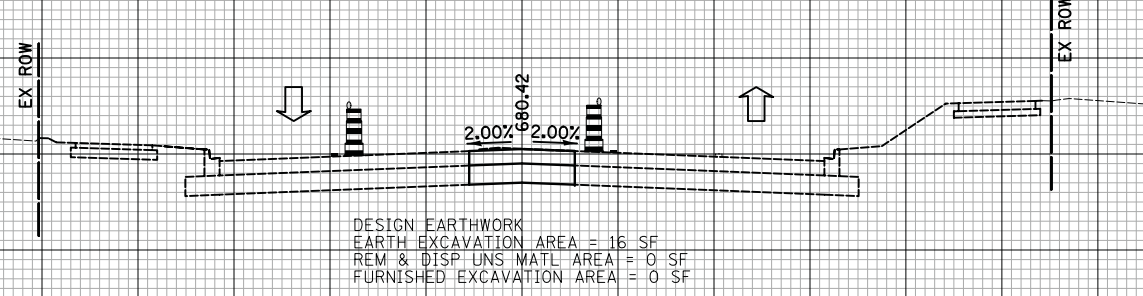
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	461
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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



**50 + 50**



**50 + 00**

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

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

**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 33 OF 54 SHEETS STA. 50+00 TO STA. 50+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	462
				<b>CONTRACT NO. 61E24</b>
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

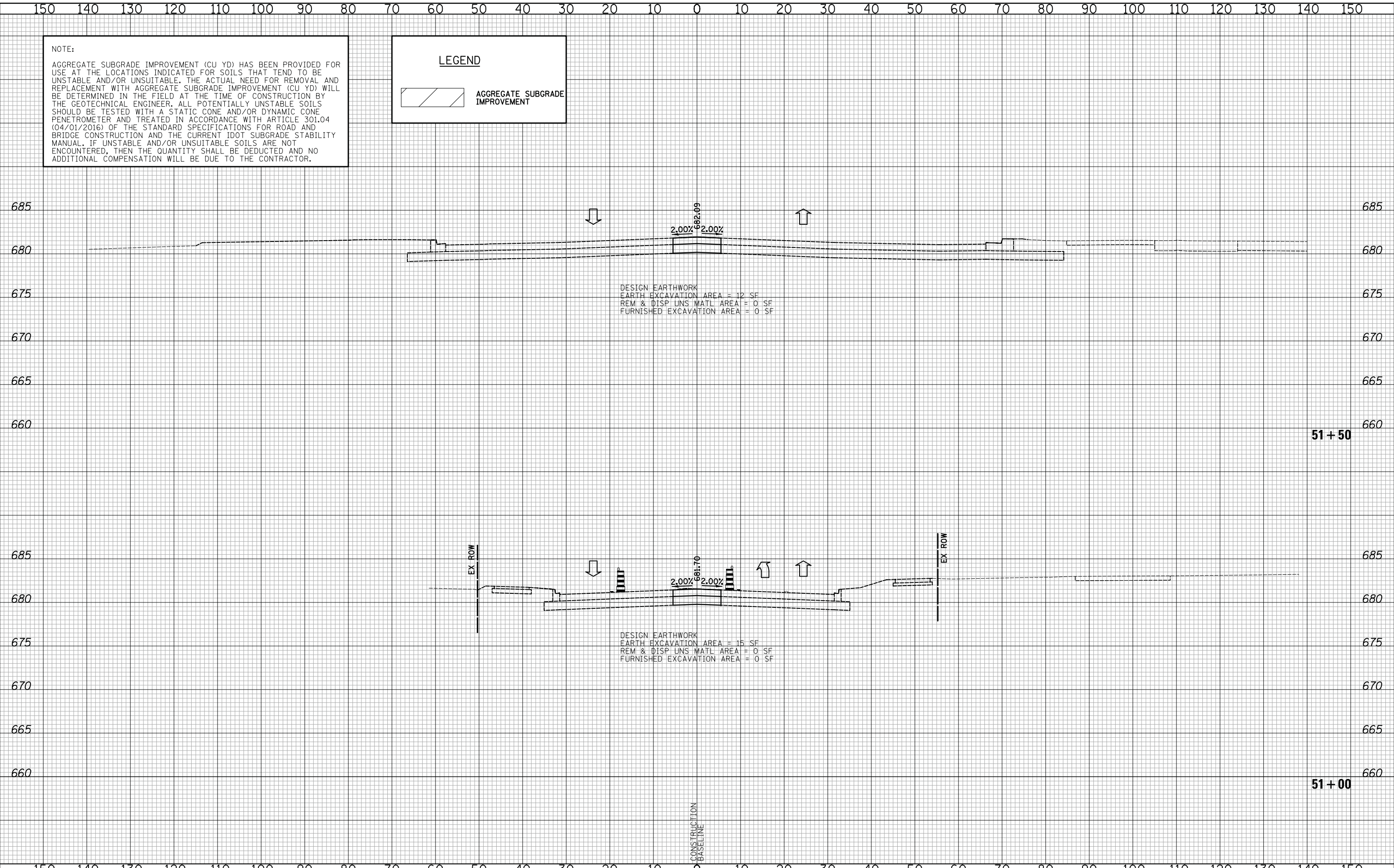
**NOTE:**  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



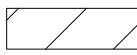
**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 34 OF 54 SHEETS STA. 51+00 TO STA. 51+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	463
				CONTRACT NO. 61E24
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**

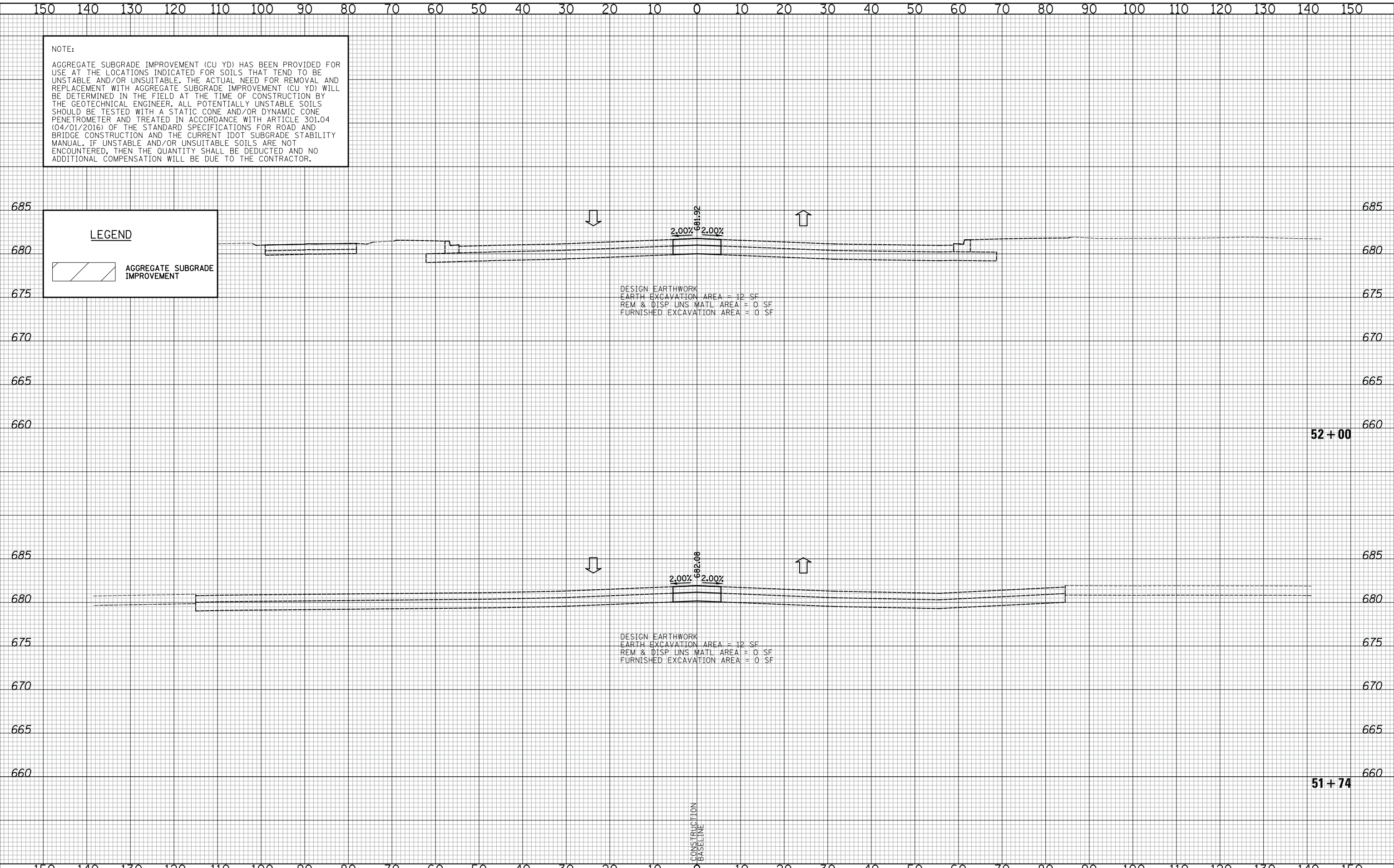
 AGGREGATE SUBGRADE IMPROVEMENT

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

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

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



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 35 OF 54 SHEETS STA. 51+74 TO STA. 52+00

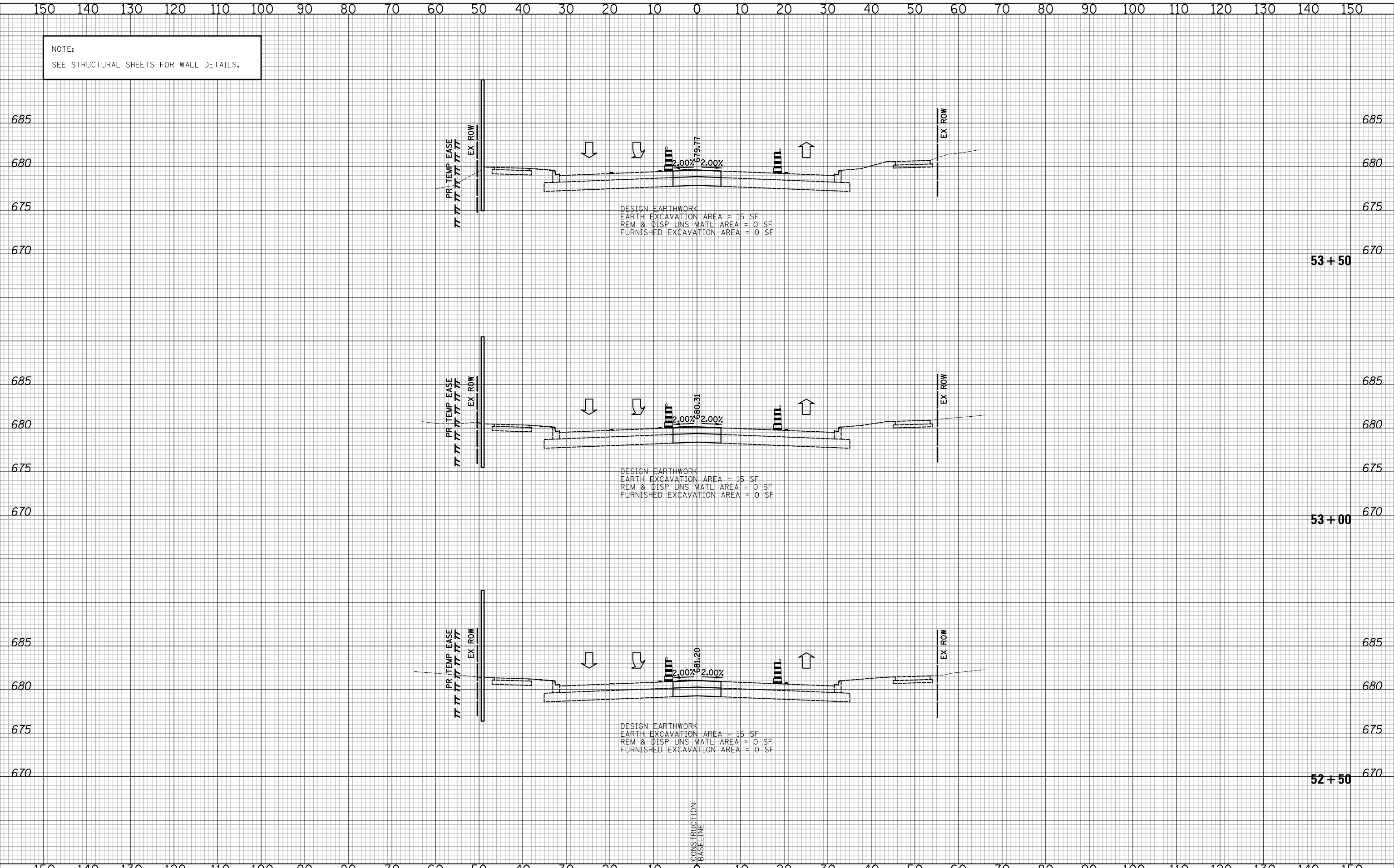
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	464
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:  
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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

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



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

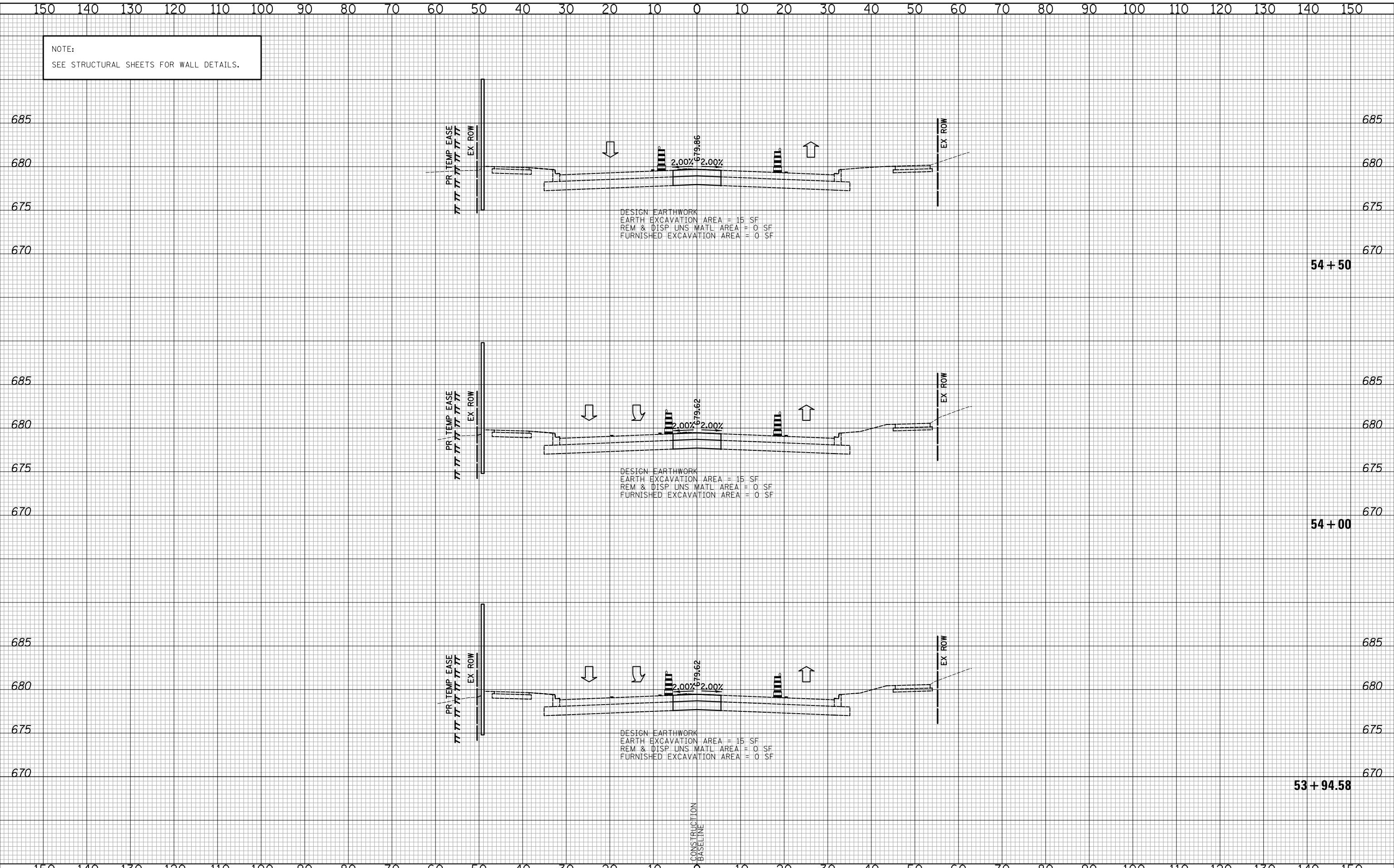
SHEET NO. 36 OF 54 SHEETS STA. 52+50 TO STA. 53+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	465
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

NOTE:  
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

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

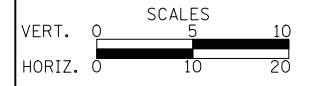
DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGINAL SURVEY NO.		NOTE BOOK				



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



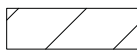
**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 37 OF 54 SHEETS STA. 53+94.58 TO STA. 54+50

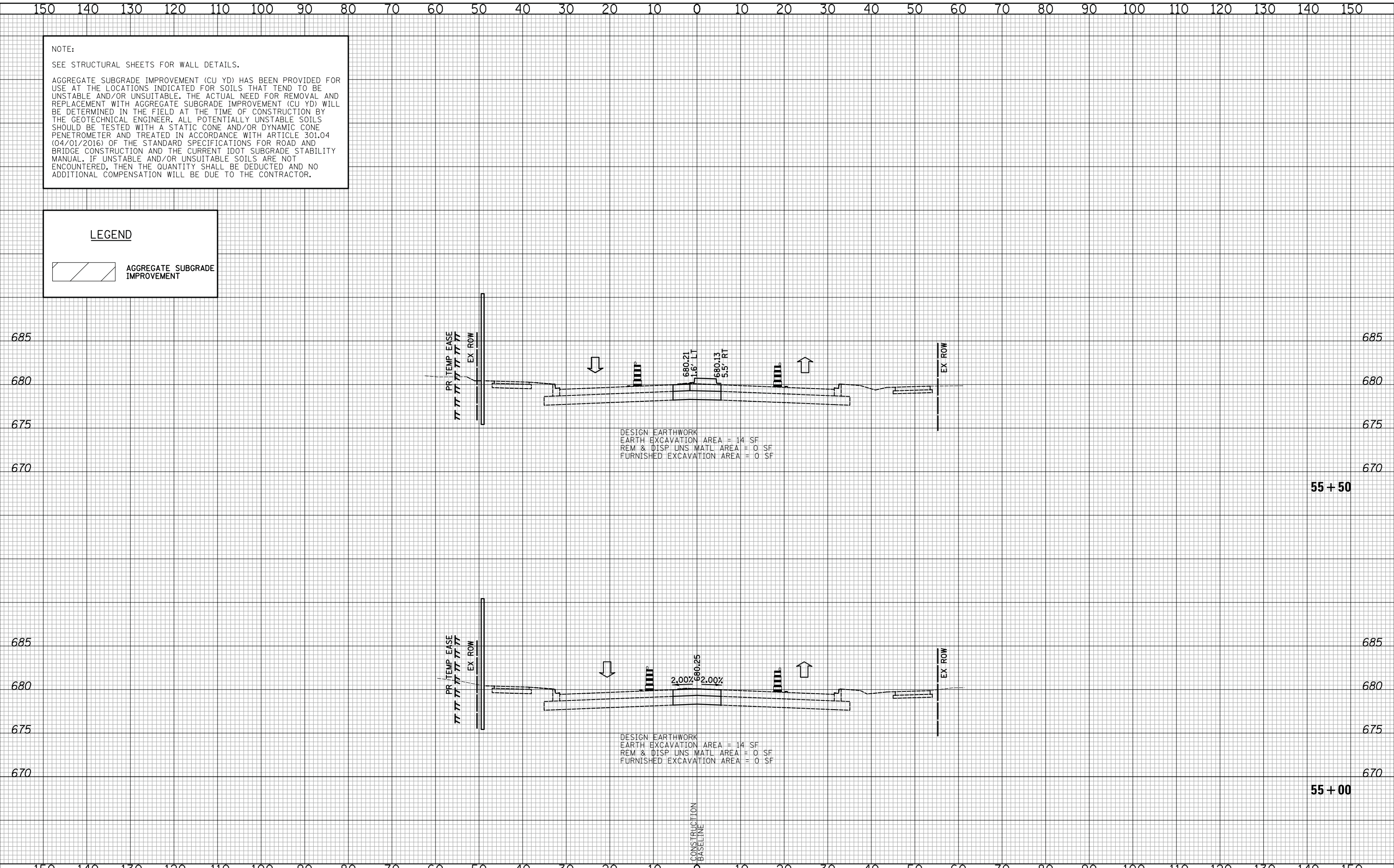
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	466
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY

**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



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

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 14 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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 38 OF 54 SHEETS STA. 55+00 TO STA. 55+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	467
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61E24

NOTE:  
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

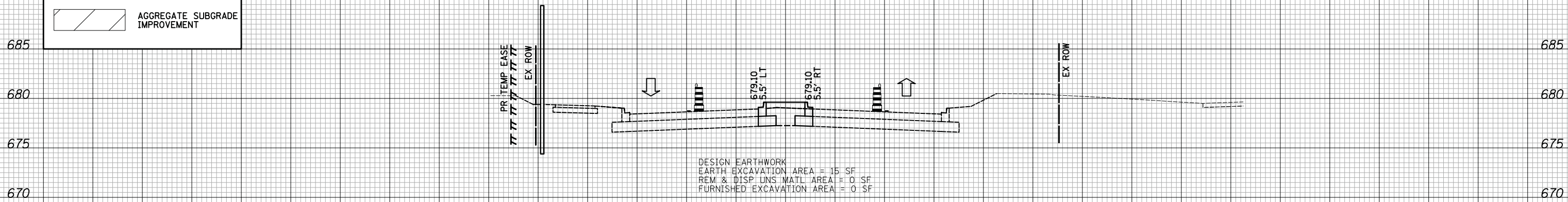
AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE 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

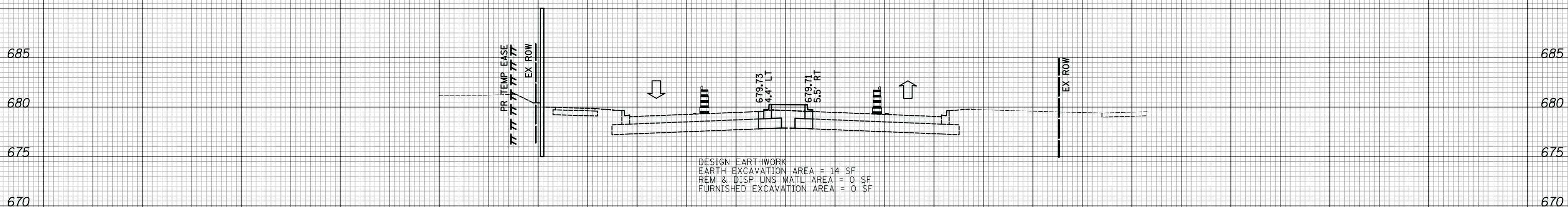
 AGGREGATE SUBGRADE IMPROVEMENT

DATE	BY

DATE	BY



56 + 50



56 + 00

CONSTRUCTION  
BASELINE

**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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE III - WEILAND ROAD

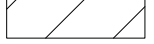
SHEET NO. 39 OF 54 SHEETS STA. 56+00 TO STA. 56+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	468
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E24	

NOTE:  
SEE STRUCTURAL SHEETS FOR WALL DETAILS.

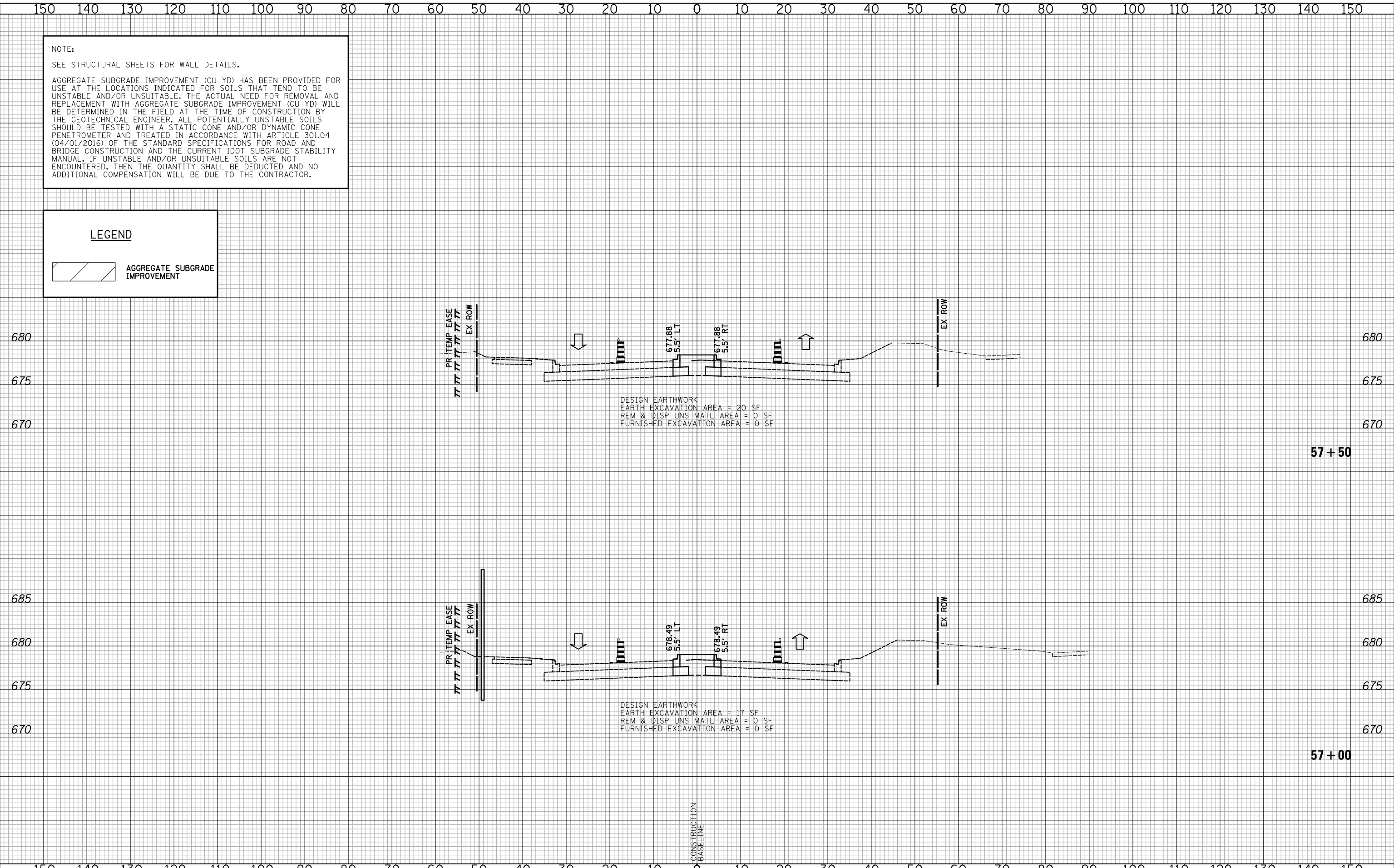
AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE 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

DATE	BY



**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 - 10/8/2018	REVISED -

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

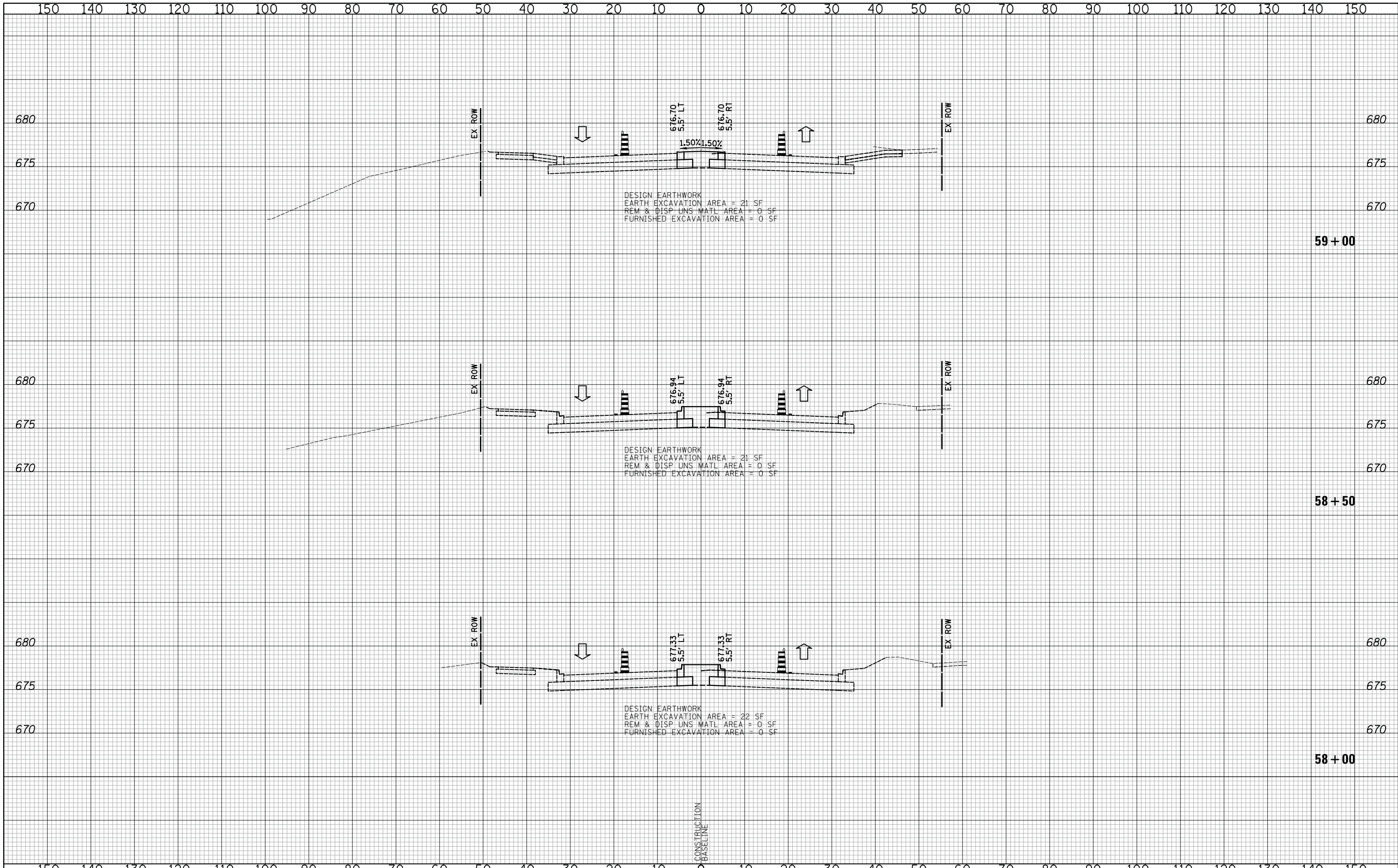
VERT. 0 5 10  
HORIZ. 0 10 20  
SCALES

**CROSS SECTIONS STAGE III - WEILAND ROAD**  
SHEET NO. 40 OF 54 SHEETS STA. 57+00 TO STA. 57+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	469
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

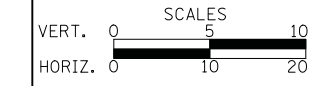
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



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 - 10/8/2018	REVISED -

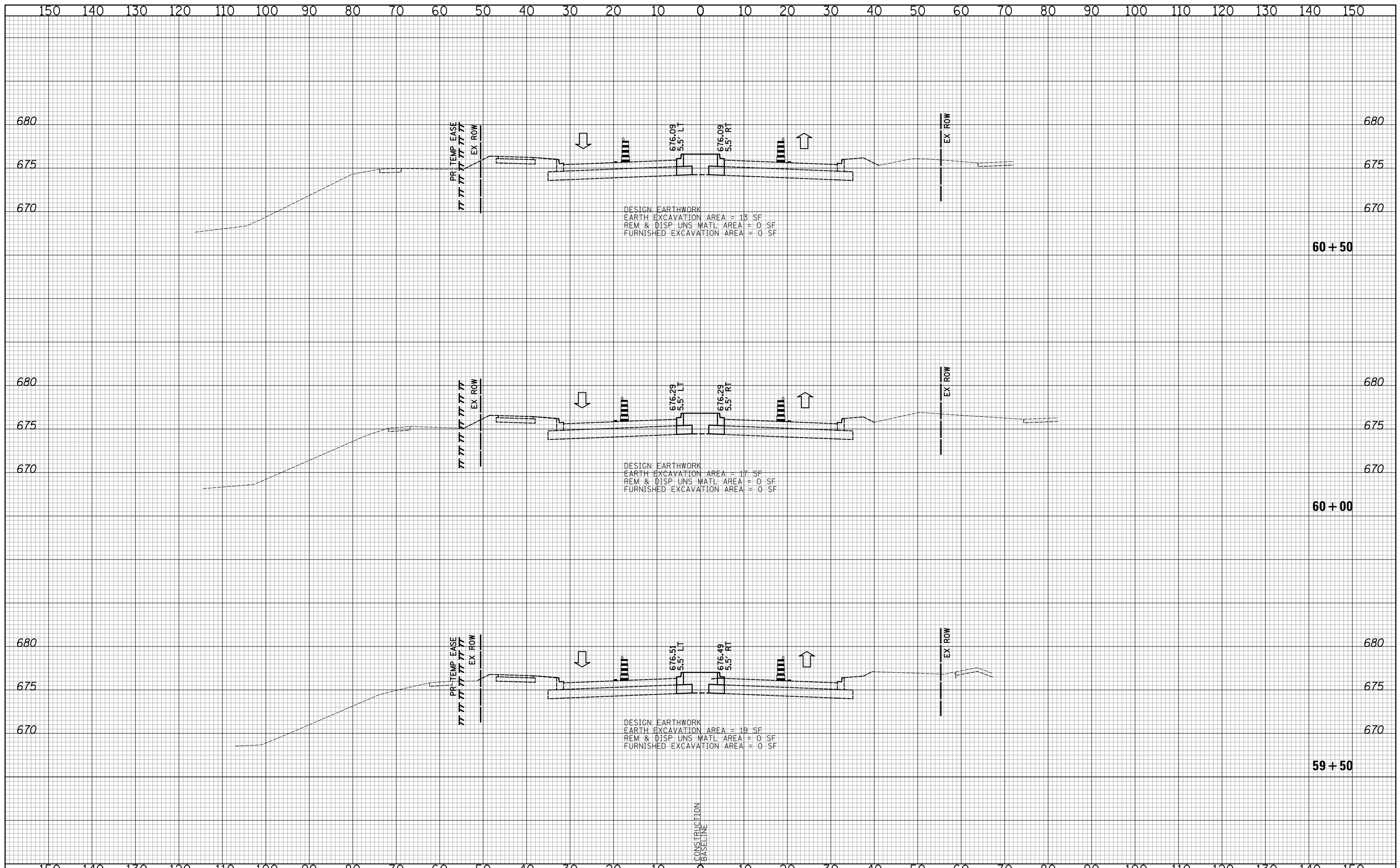
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE III - WEILAND ROAD

SHEET NO. 41 OF 54 SHEETS STA. 58+00 TO STA. 59+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	470
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



BY	DATE

BY	DATE

**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 - 10/8/2018	REVISED -

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

VERT. SCALE	0 5 10
HORIZ. SCALE	0 10 20

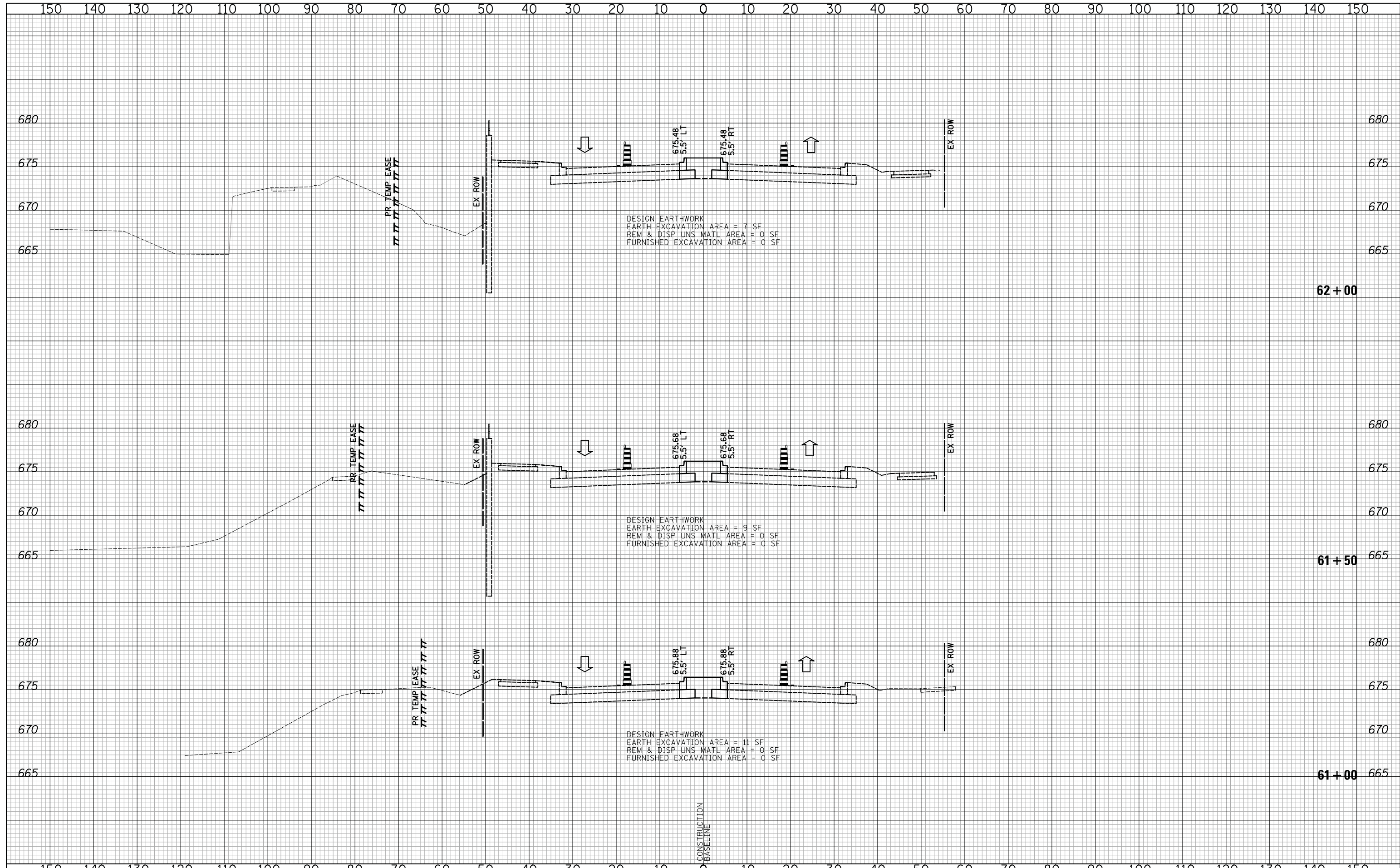
**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 42 OF 54 SHEETS STA. 59+50 TO STA. 60+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	471
CONTRACT NO. 61E24				
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.	



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 43 OF 54 SHEETS STA. 61+00 TO STA. 62+00

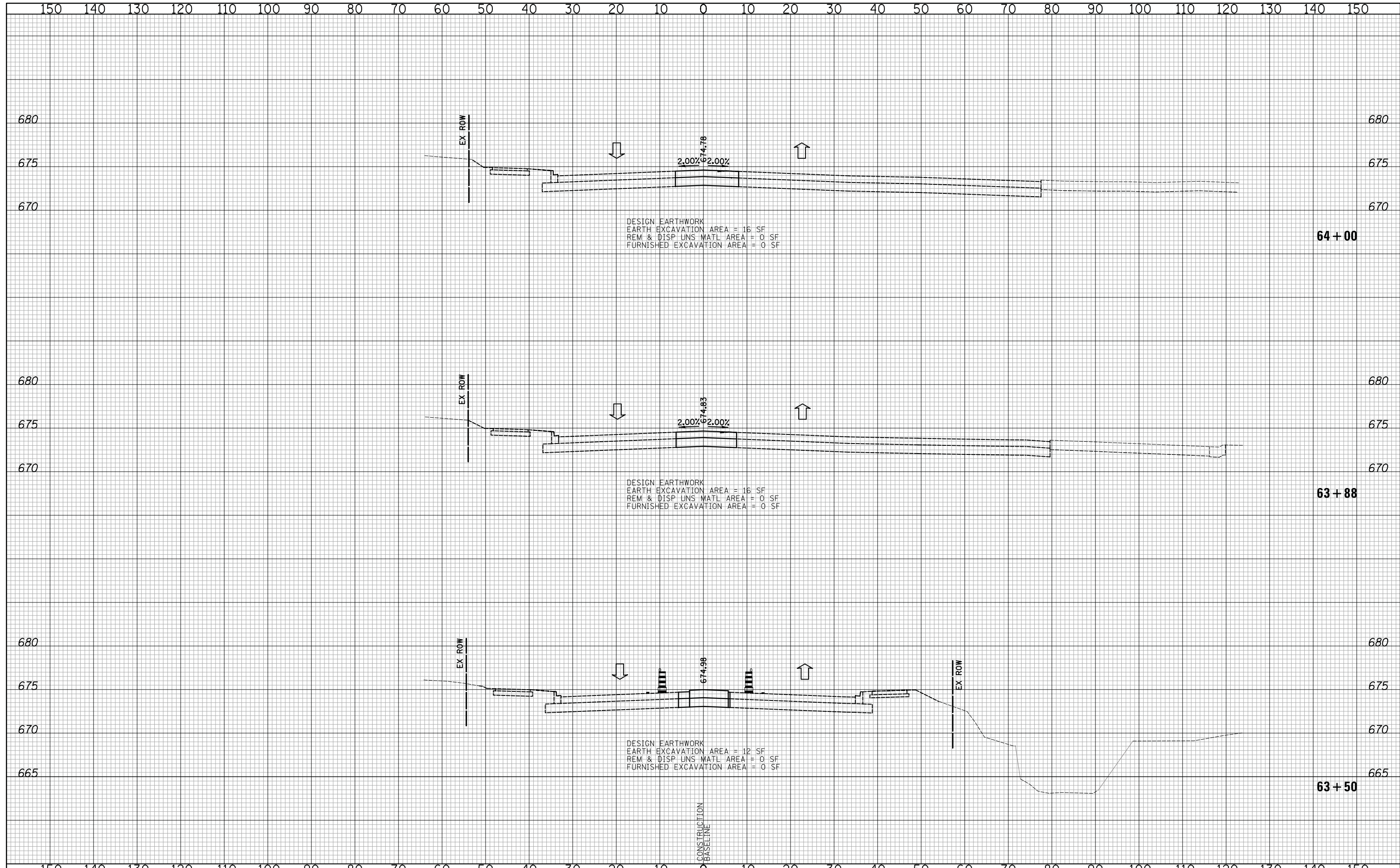
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	472
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





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 = 16 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 0 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 16 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



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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS STAGE III - WEILAND ROAD

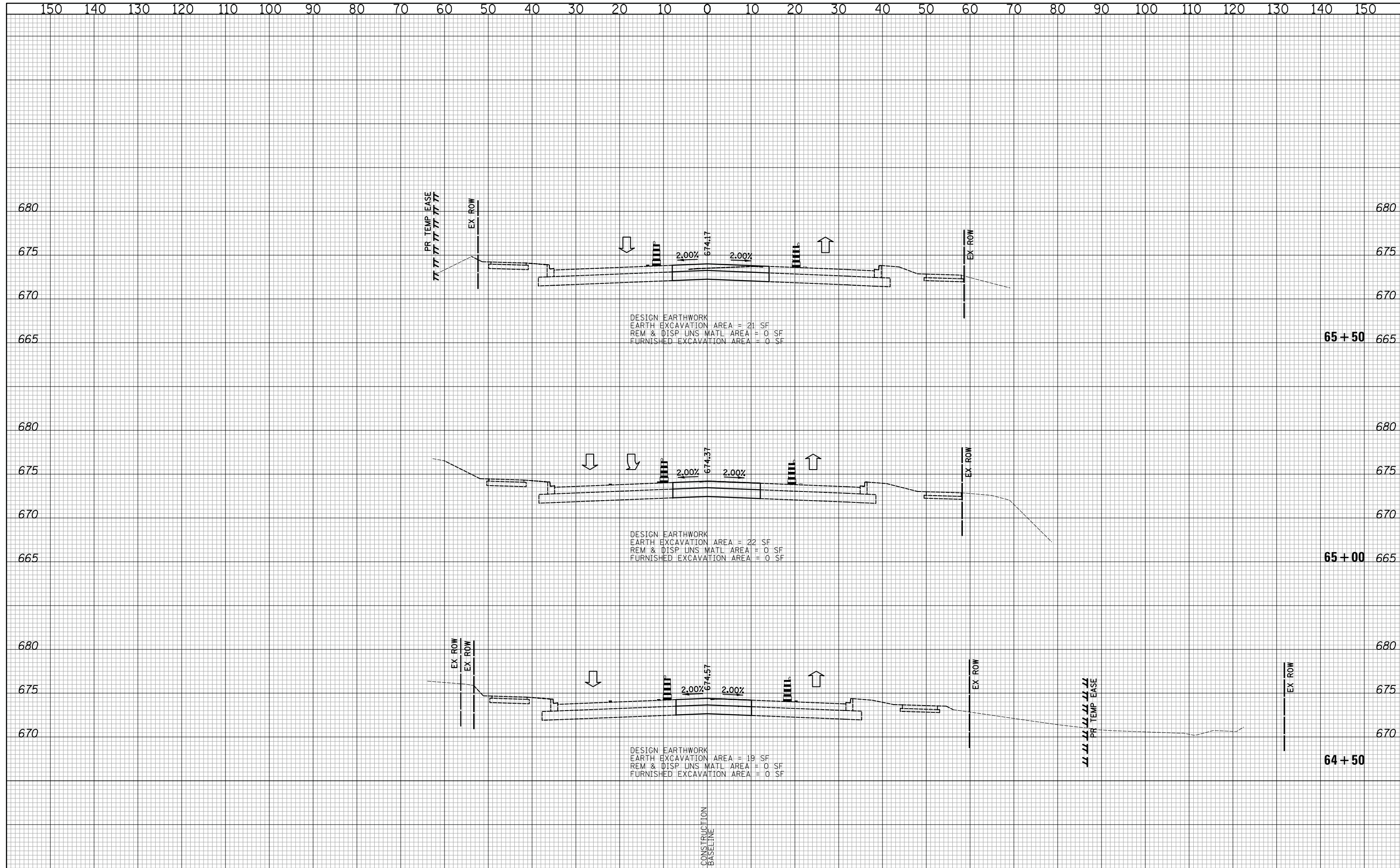
SHEET NO. 45 OF 54 SHEETS STA. 63+50 TO STA. 64+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	474
CONTRACT NO. 61E24				

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



**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 - 10/8/2018	REVISED -

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



**CROSS SECTIONS STAGE III - WEILAND ROAD**

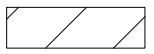
SHEET NO. 46 OF 54 SHEETS STA. 64+50 TO STA. 65+50

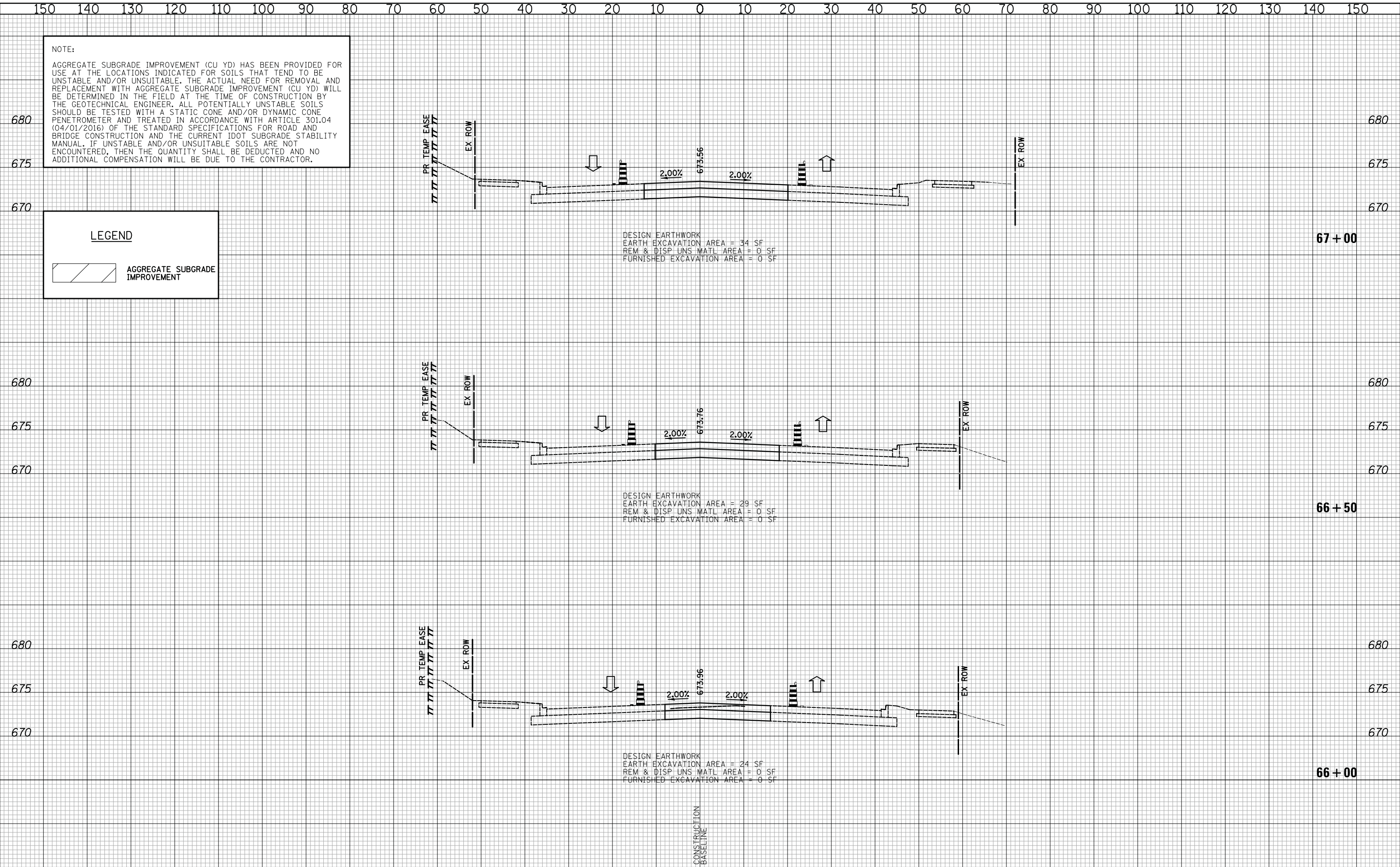
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	475
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

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



DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 34 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 0 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 29 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 0 SF

DESIGN EARTHWORK  
 EARTH EXCAVATION AREA = 24 SF  
 REM & DISP UNS MATL AREA = 0 SF  
 FURNISHED EXCAVATION AREA = 0 SF

CONSTRUCTION  
 BASELINE

**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 - 10/8/2018	REVISED -

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

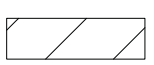


**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 47 OF 54 SHEETS STA. 66+00 TO STA. 67+00

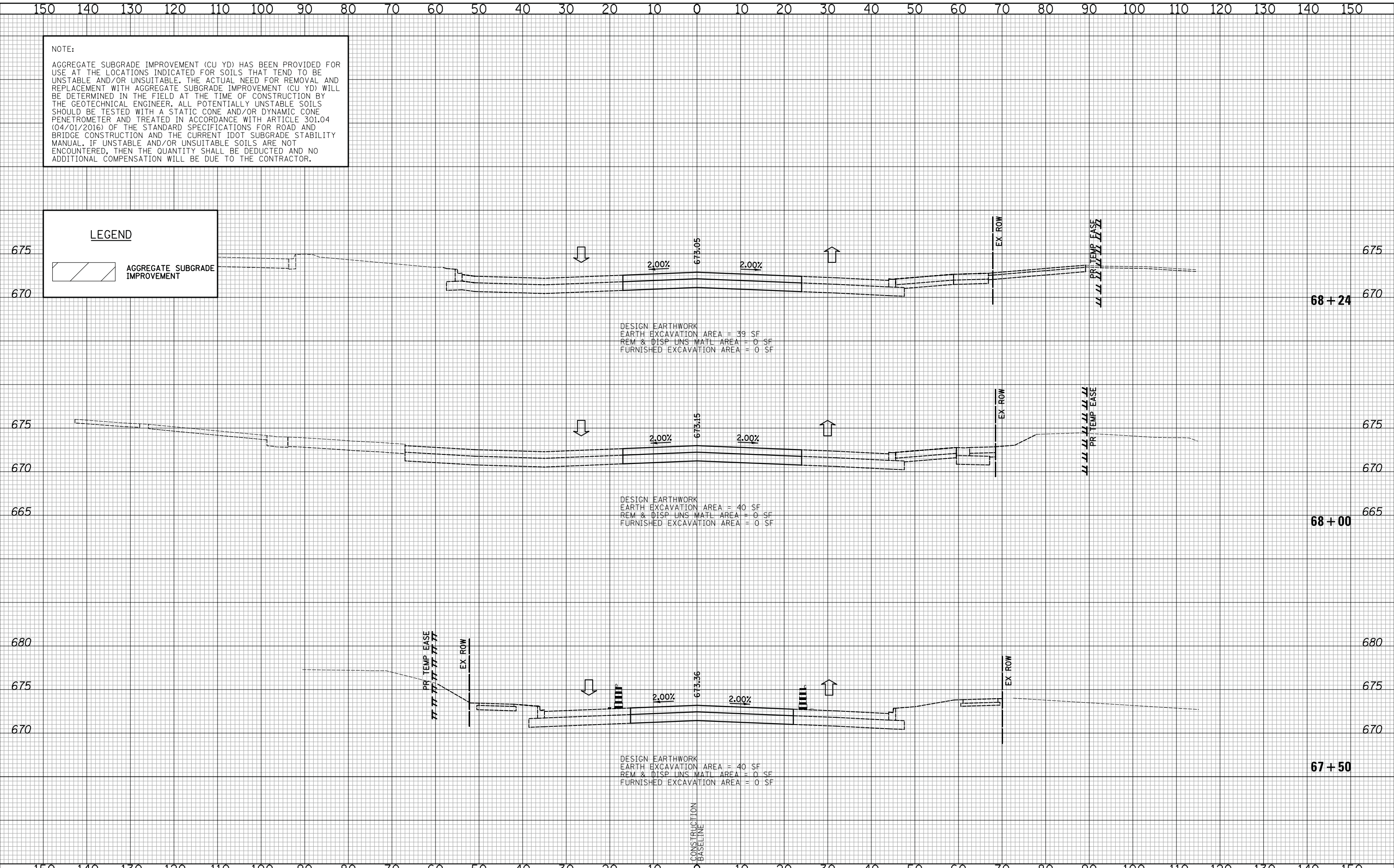
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	476
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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	
FINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK NO.	
AREAS CHECKED	

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



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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

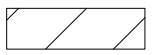


**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 48 OF 54 SHEETS STA. 67+50 TO STA. 68+24

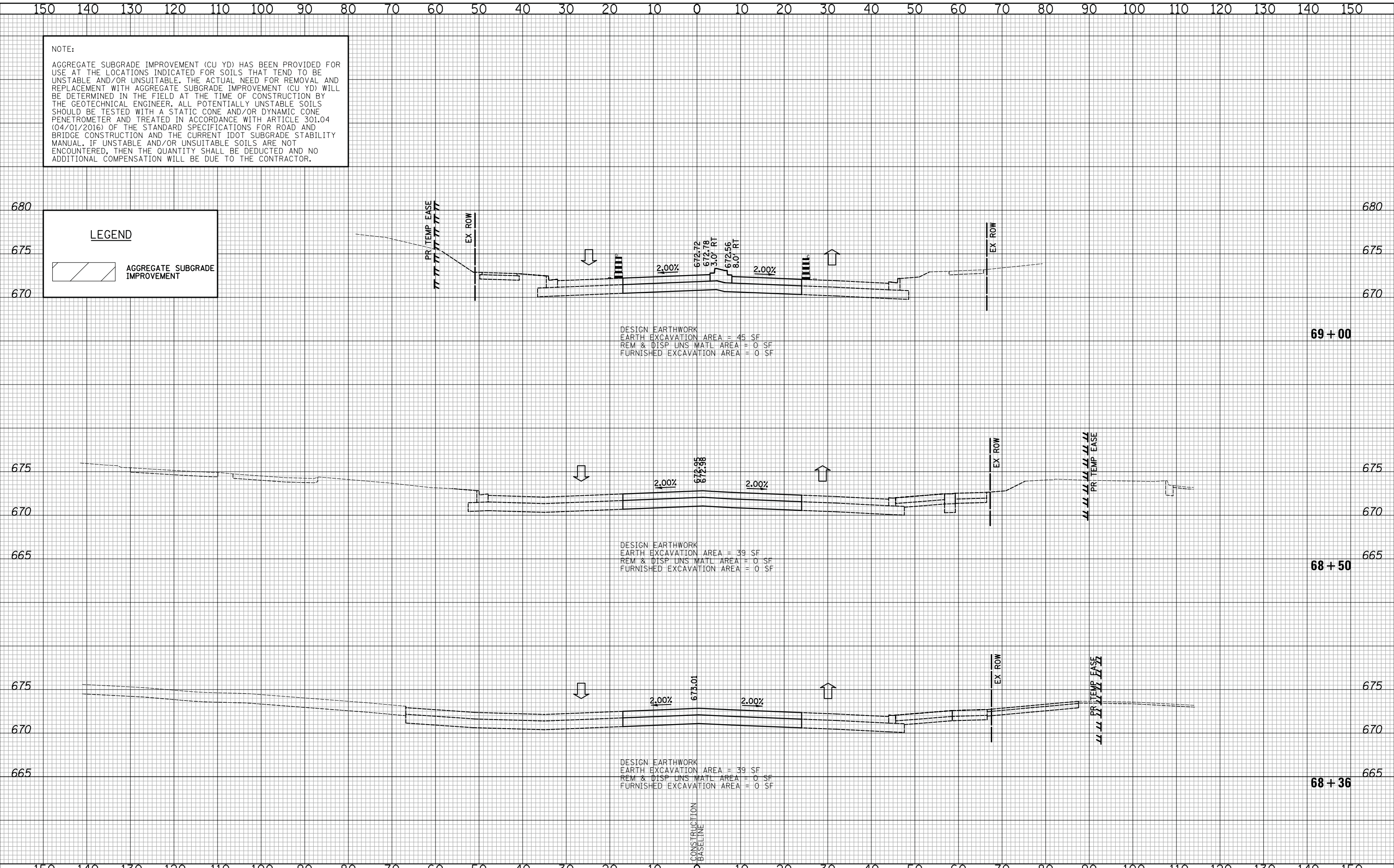
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	477
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E24	

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	
FINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



**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 - 10/8/2018	REVISED -

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



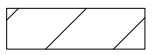
**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 49 OF 54 SHEETS STA. 68+36 TO STA. 69+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	478
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

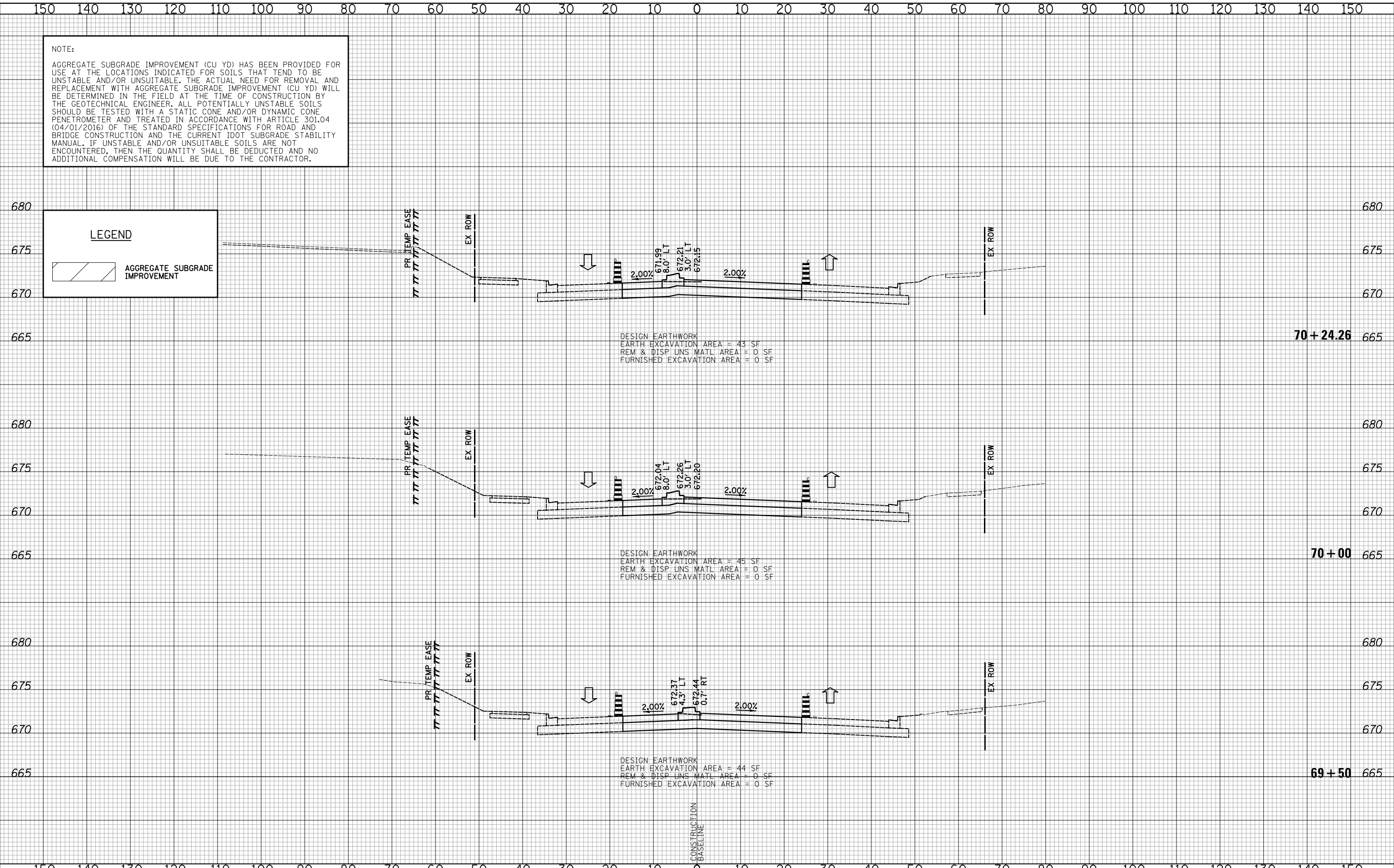
NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

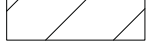
SHEET NO. 50 OF 54 SHEETS STA. 69+50 TO STA. 70+24.26

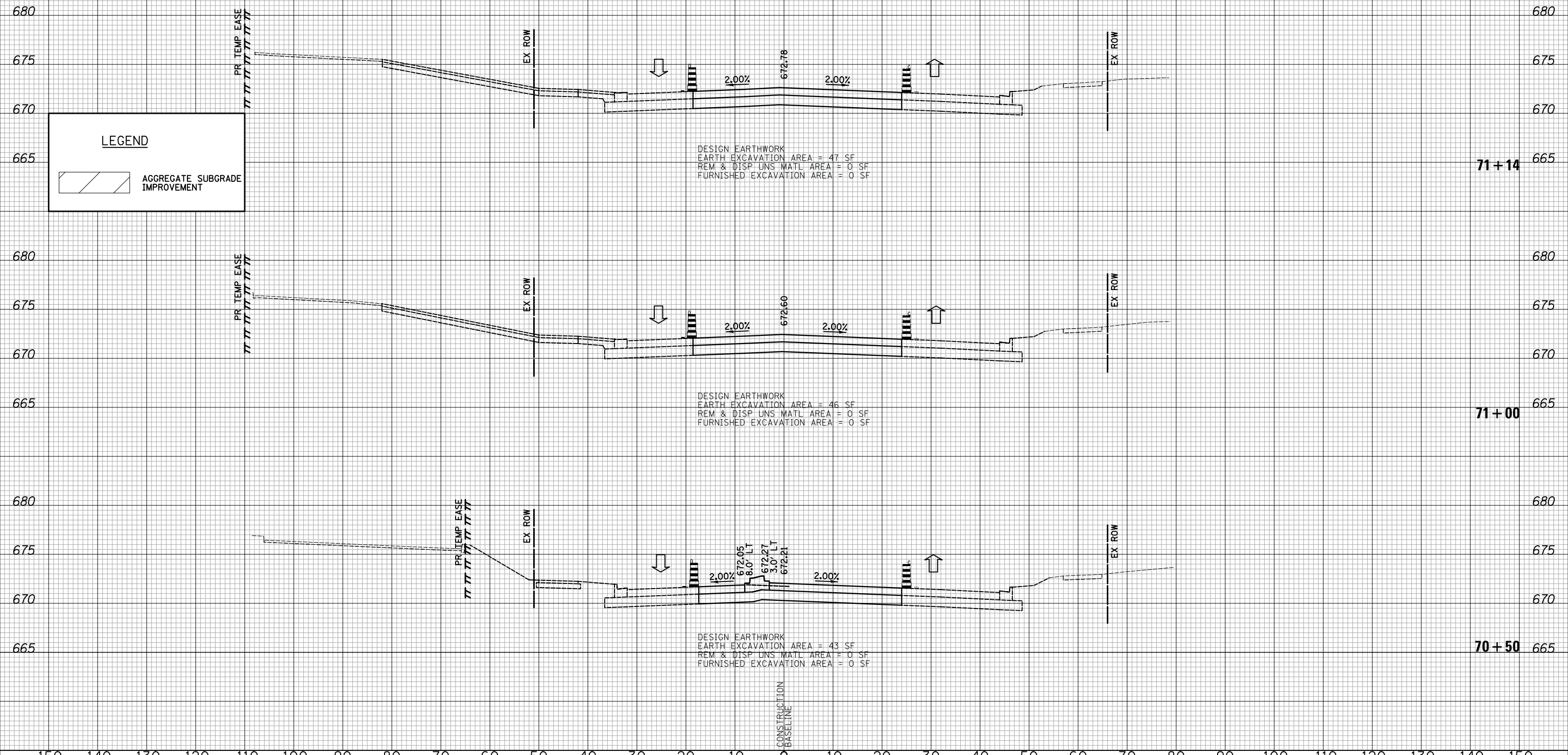
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	479
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

**LEGEND**  
 AGGREGATE SUBGRADE IMPROVEMENT



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 51 OF 54 SHEETS STA. 70+50 TO STA. 71+14

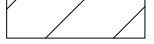
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	480
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

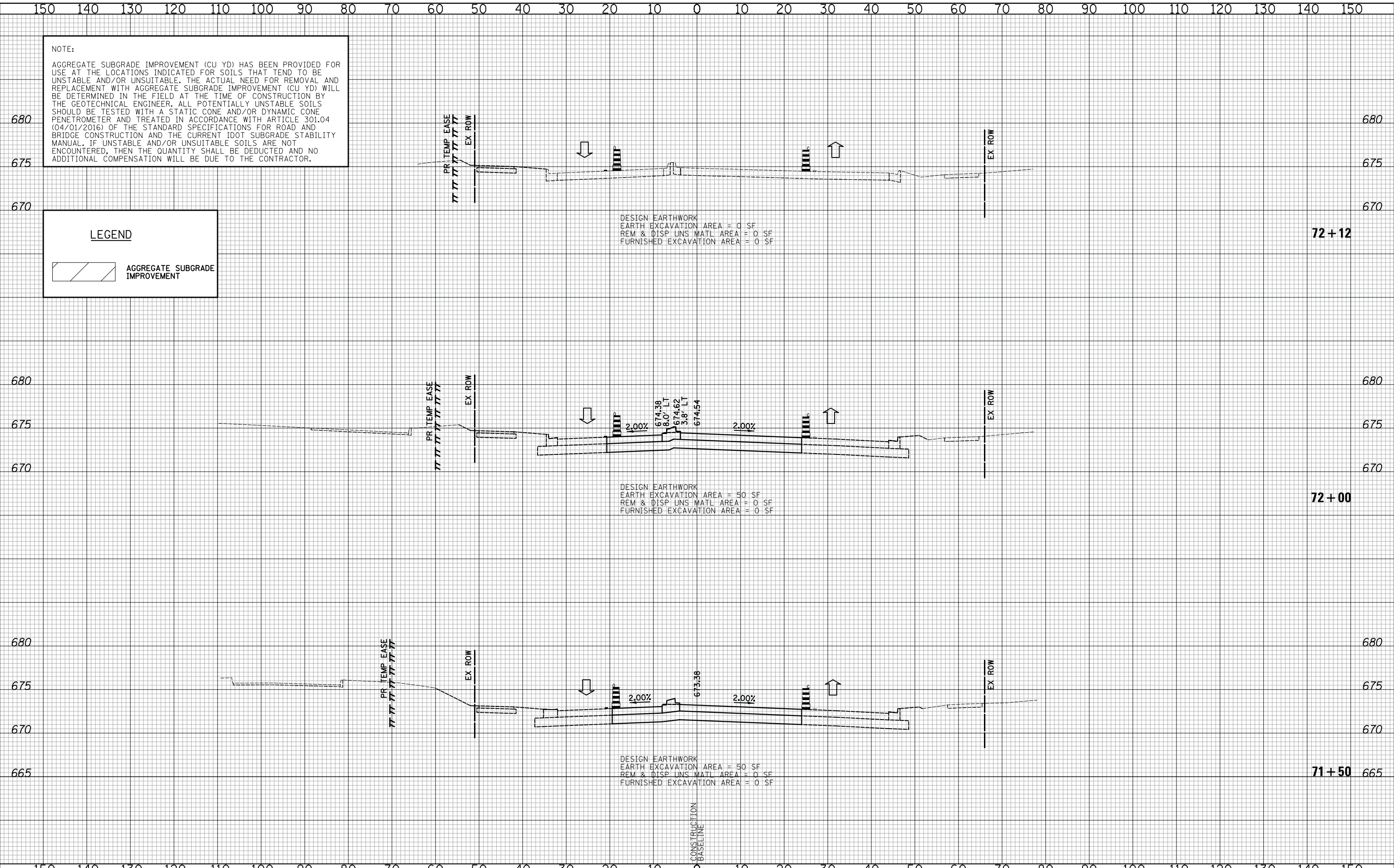


DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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

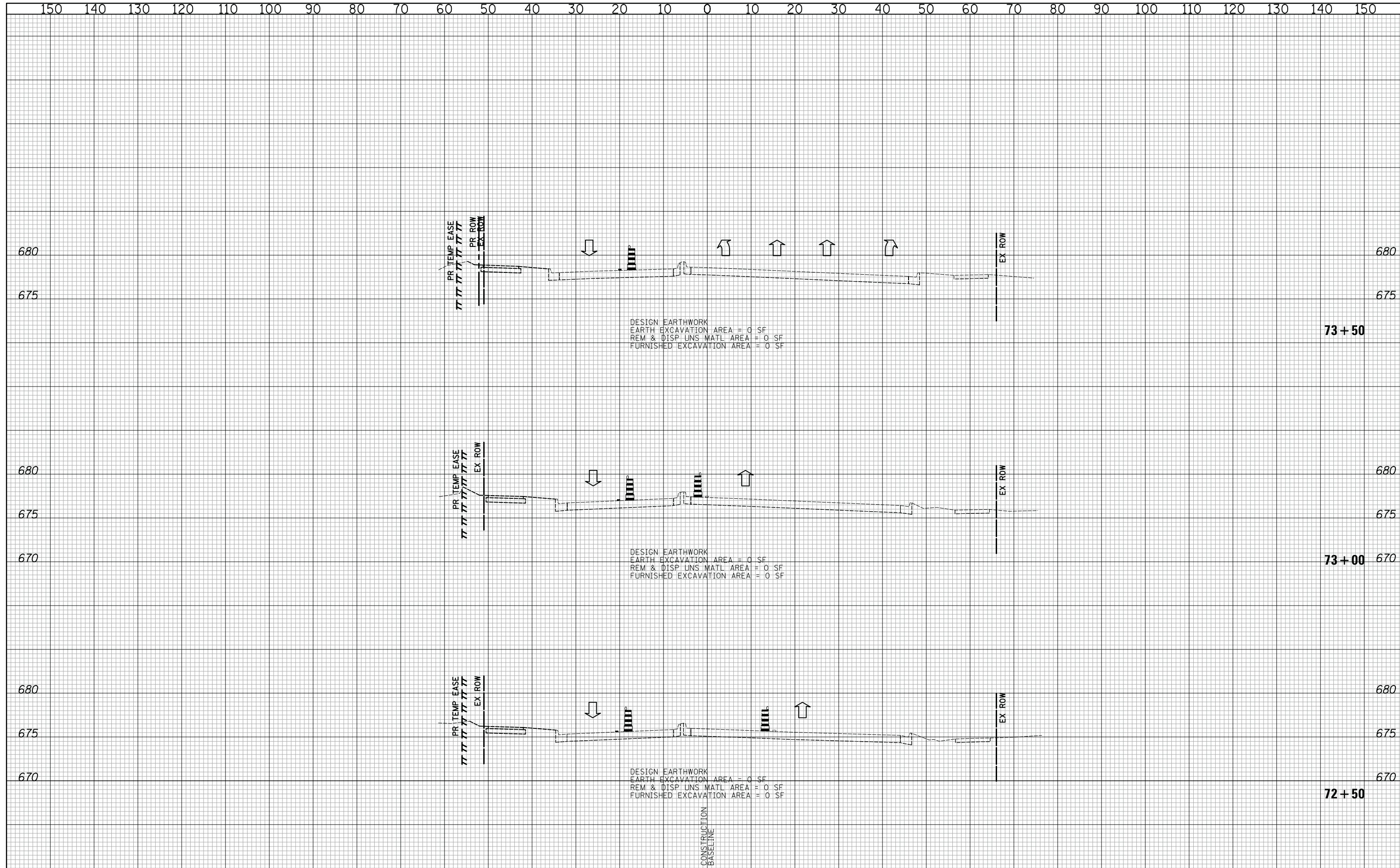
**NOTE:**  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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



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

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



**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 - 10/8/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

VERT. 0 5 10  
 HORIZ. 0 10 20

SCALES

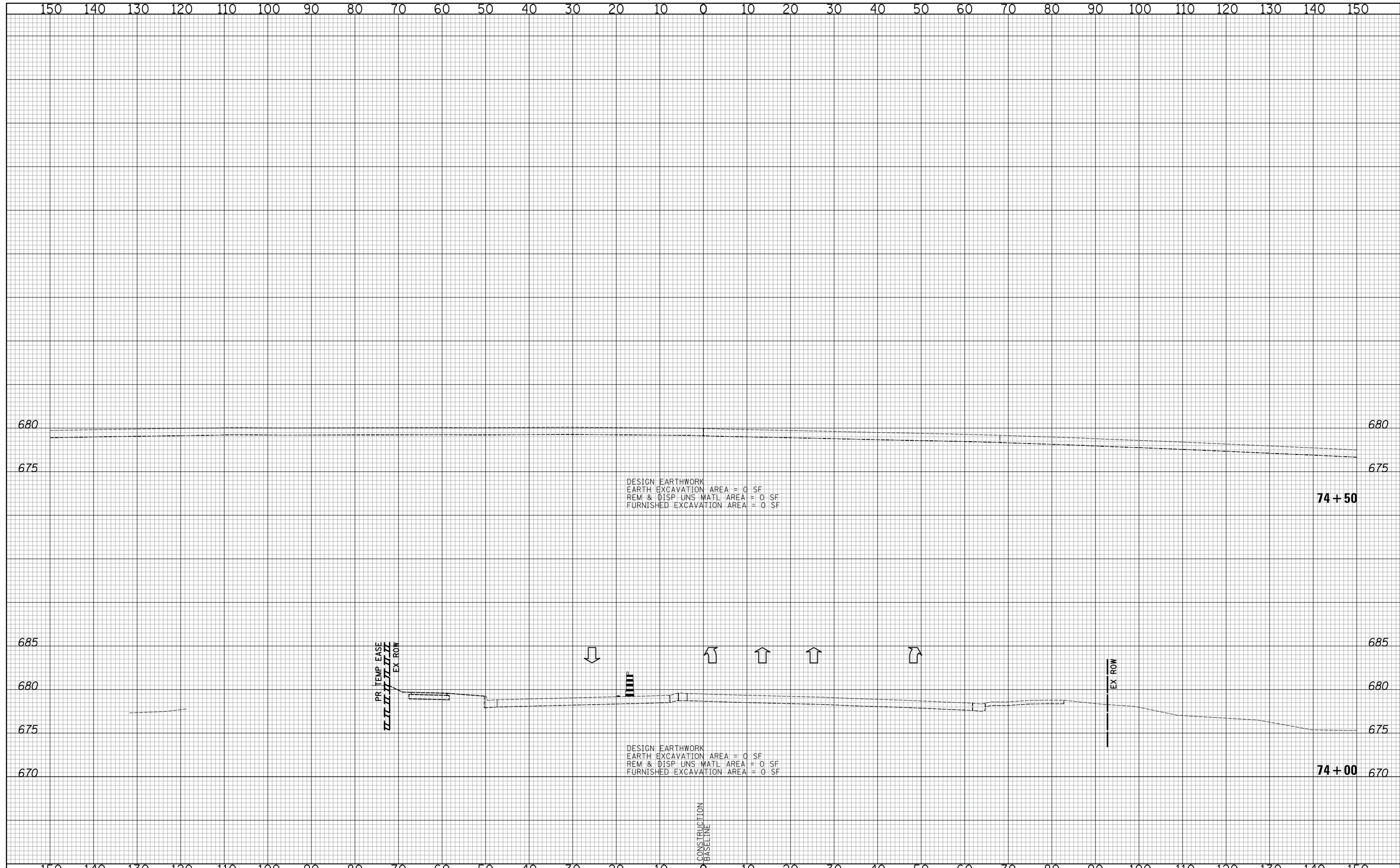
**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 53 OF 54 SHEETS    STA. 72+50    TO STA. 73+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	482
CONTRACT NO. 61E24				
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.	



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 - 10/8/2018	REVISED -

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

VERT. 0 5 10  
 HORIZ. 0 10 20

SCALES

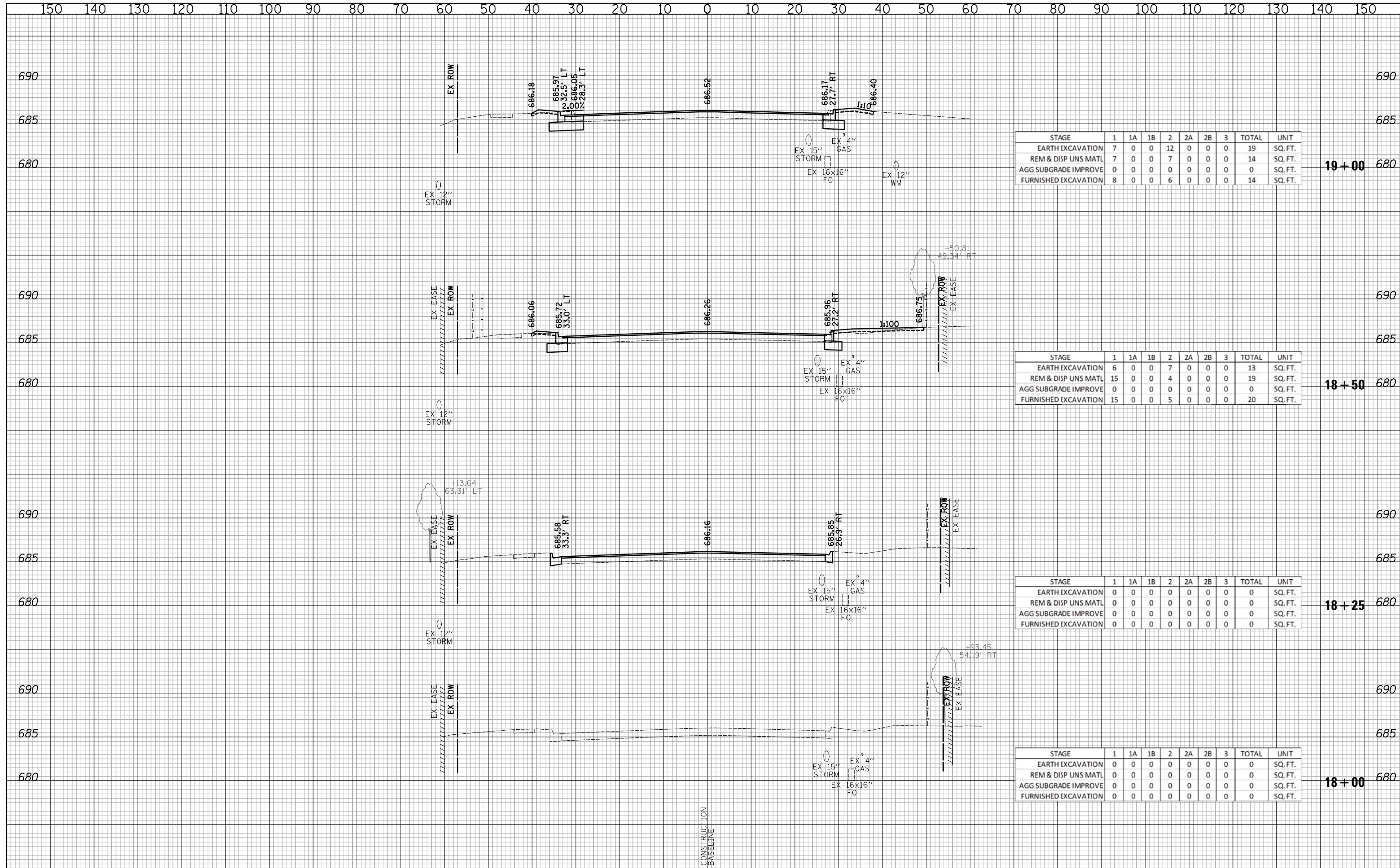
**CROSS SECTIONS STAGE III - WEILAND ROAD**

SHEET NO. 54 OF 54 SHEETS STA. 74+00 TO STA. 75+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	483
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	7	0	0	12	0	0	0	19	SQ.FT.
REM & DISP UNS MATL	7	0	0	7	0	0	0	14	SQ.FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ.FT.
FURNISHED EXCAVATION	8	0	0	6	0	0	0	14	SQ.FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	6	0	0	7	0	0	0	13	SQ.FT.
REM & DISP UNS MATL	15	0	0	4	0	0	0	19	SQ.FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ.FT.
FURNISHED EXCAVATION	15	0	0	5	0	0	0	20	SQ.FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	0	0	0	0	0	0	0	0	SQ.FT.
REM & DISP UNS MATL	0	0	0	0	0	0	0	0	SQ.FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ.FT.
FURNISHED EXCAVATION	0	0	0	0	0	0	0	0	SQ.FT.

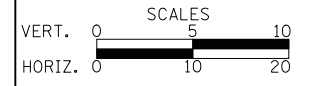
STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	0	0	0	0	0	0	0	0	SQ.FT.
REM & DISP UNS MATL	0	0	0	0	0	0	0	0	SQ.FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ.FT.
FURNISHED EXCAVATION	0	0	0	0	0	0	0	0	SQ.FT.

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 10/8/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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



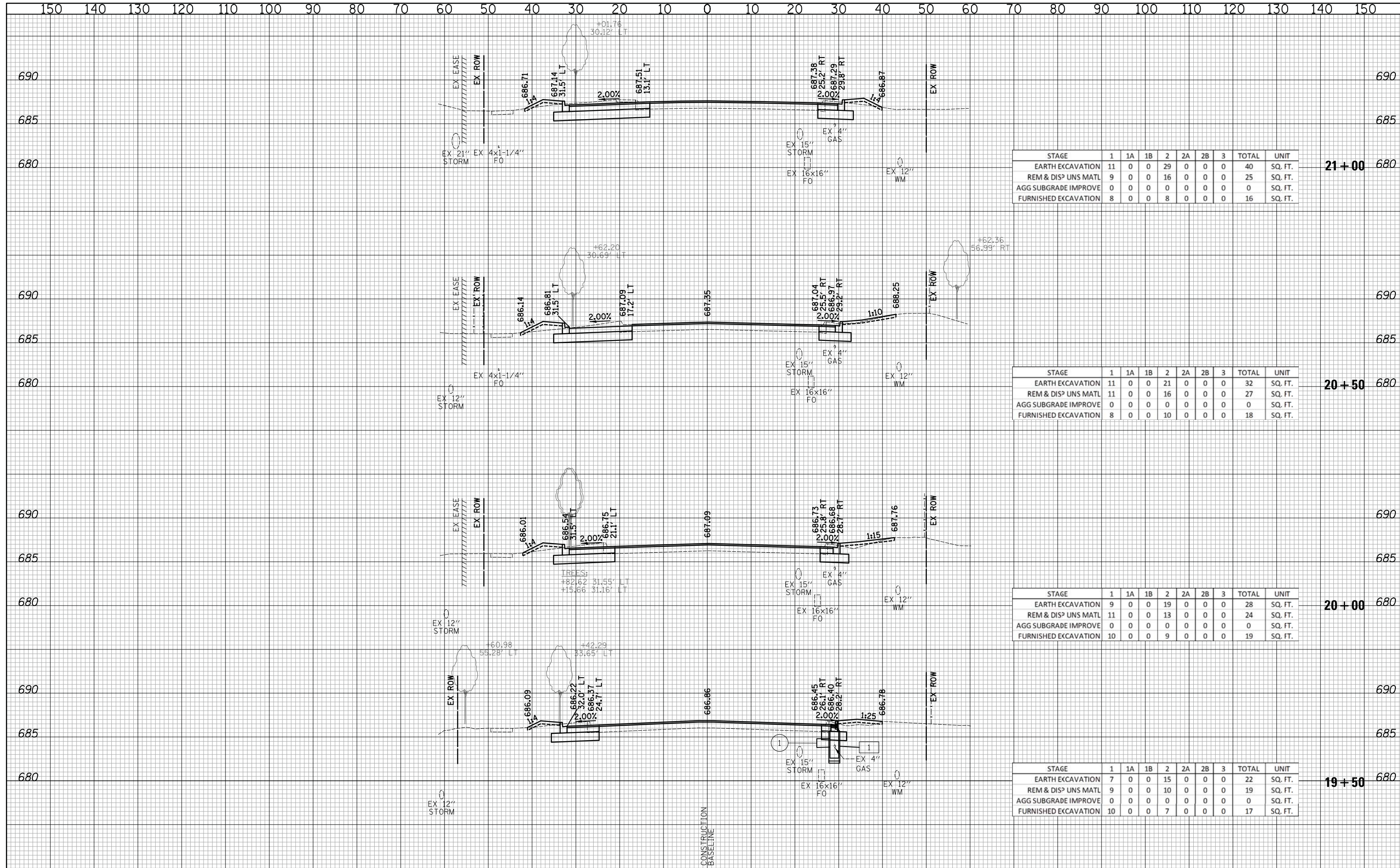
**CROSS SECTIONS - WEILAND ROAD**

SHEET NO. 1 OF 54 SHEETS STA. 18+00 TO STA. 19+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	484
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED	
NO.	



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	11	0	0	29	0	0	0	40	SQ. FT.
REM & DISP UNS MATL	9	0	0	16	0	0	0	25	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	8	0	0	8	0	0	0	16	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	11	0	0	21	0	0	0	32	SQ. FT.
REM & DISP UNS MATL	11	0	0	16	0	0	0	27	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	8	0	0	10	0	0	0	18	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	9	0	0	19	0	0	0	28	SQ. FT.
REM & DISP UNS MATL	11	0	0	13	0	0	0	24	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	10	0	0	9	0	0	0	19	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	7	0	0	15	0	0	0	22	SQ. FT.
REM & DISP UNS MATL	9	0	0	10	0	0	0	19	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	10	0	0	7	0	0	0	17	SQ. FT.

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 10/8/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



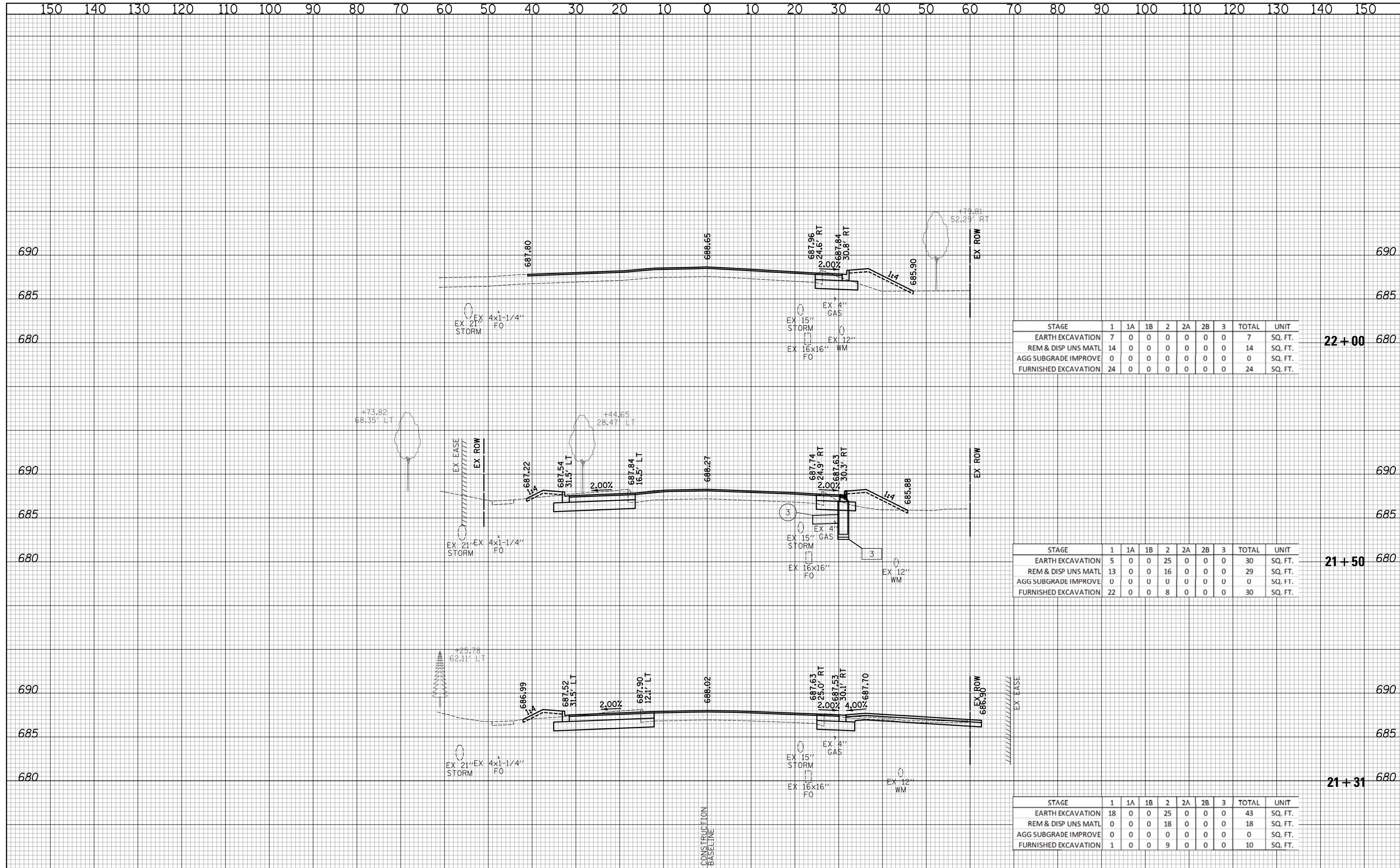
**CROSS SECTIONS - WEILAND ROAD**

SHEET NO. 2 OF 54 SHEETS STA. 19+50 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	485
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	7	0	0	0	0	0	0	7	SQ. FT.
REM & DISP UNS MATL	14	0	0	0	0	0	0	14	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	24	0	0	0	0	0	0	24	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	5	0	0	25	0	0	0	30	SQ. FT.
REM & DISP UNS MATL	13	0	0	16	0	0	0	29	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	22	0	0	8	0	0	0	30	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	18	0	0	25	0	0	0	43	SQ. FT.
REM & DISP UNS MATL	0	0	0	18	0	0	0	18	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	1	0	0	9	0	0	0	10	SQ. FT.

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 10/8/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

VERT. 0 5 10  
 HORIZ. 0 10 20

SCALES

**CROSS SECTIONS - WEILAND ROAD**

SHEET NO. 3 OF 54 SHEETS STA. 21+31 TO STA. 22+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	486
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

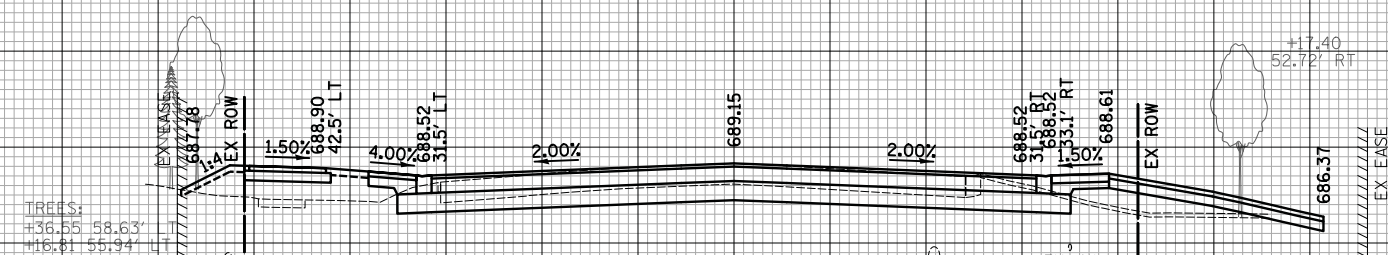
DATE	
BY	
ORIGINAL SURVEY PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

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.  
 SEE DRIVEWAY DETAILS FOR DRIVEWAY LAYOUT.

**LEGEND**

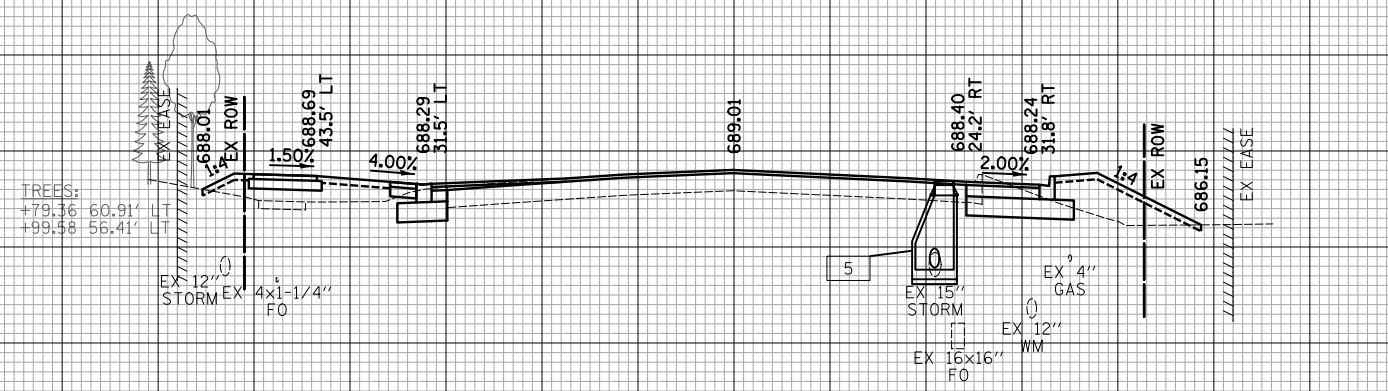
AGGREGATE SUBGRADE IMPROVEMENT

LAKE COOK ROAD PROJECT



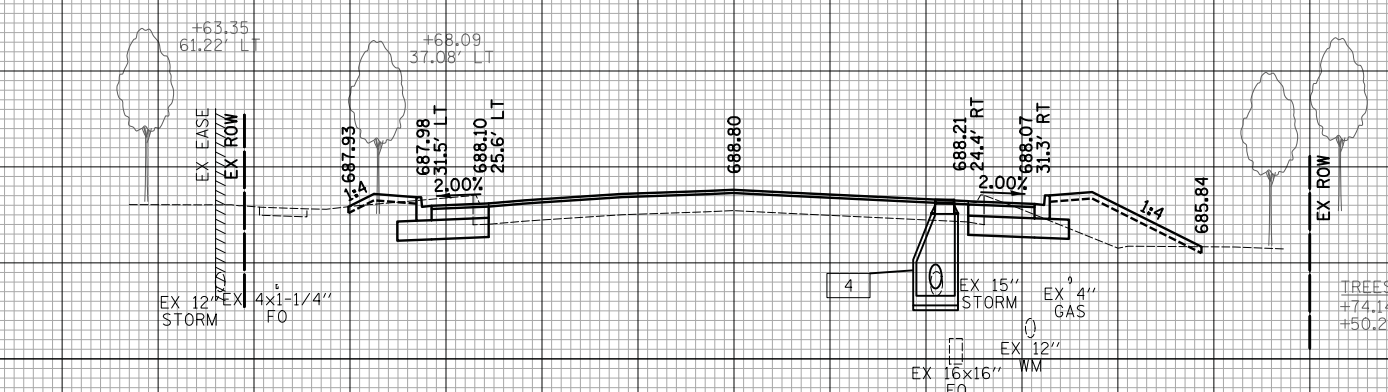
STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	18	0	0	21	0	0	25	64	SQ. FT.
REM & DISP UNS MATL	0	0	0	15	0	0	0	15	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	16	0	0	40	0	0	0	56	SQ. FT.

23+29.06



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	8	0	0	6	0	0	0	14	SQ. FT.
REM & DISP UNS MATL	16	0	0	14	0	0	0	30	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	26	0	0	26	0	0	0	52	SQ. FT.

23+00



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	7	0	0	14	0	0	0	21	SQ. FT.
REM & DISP UNS MATL	16	0	0	9	0	0	0	25	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	28	0	0	7	0	0	0	35	SQ. FT.

22+50

**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 - 10/8/2018	REVISED -

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



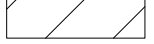
**CROSS SECTIONS - WEILAND ROAD**


SHEET NO. 4 OF 54 SHEETS STA. 22+50 TO STA. 23+29.06

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	487
CONTRACT NO. 61E24				
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.

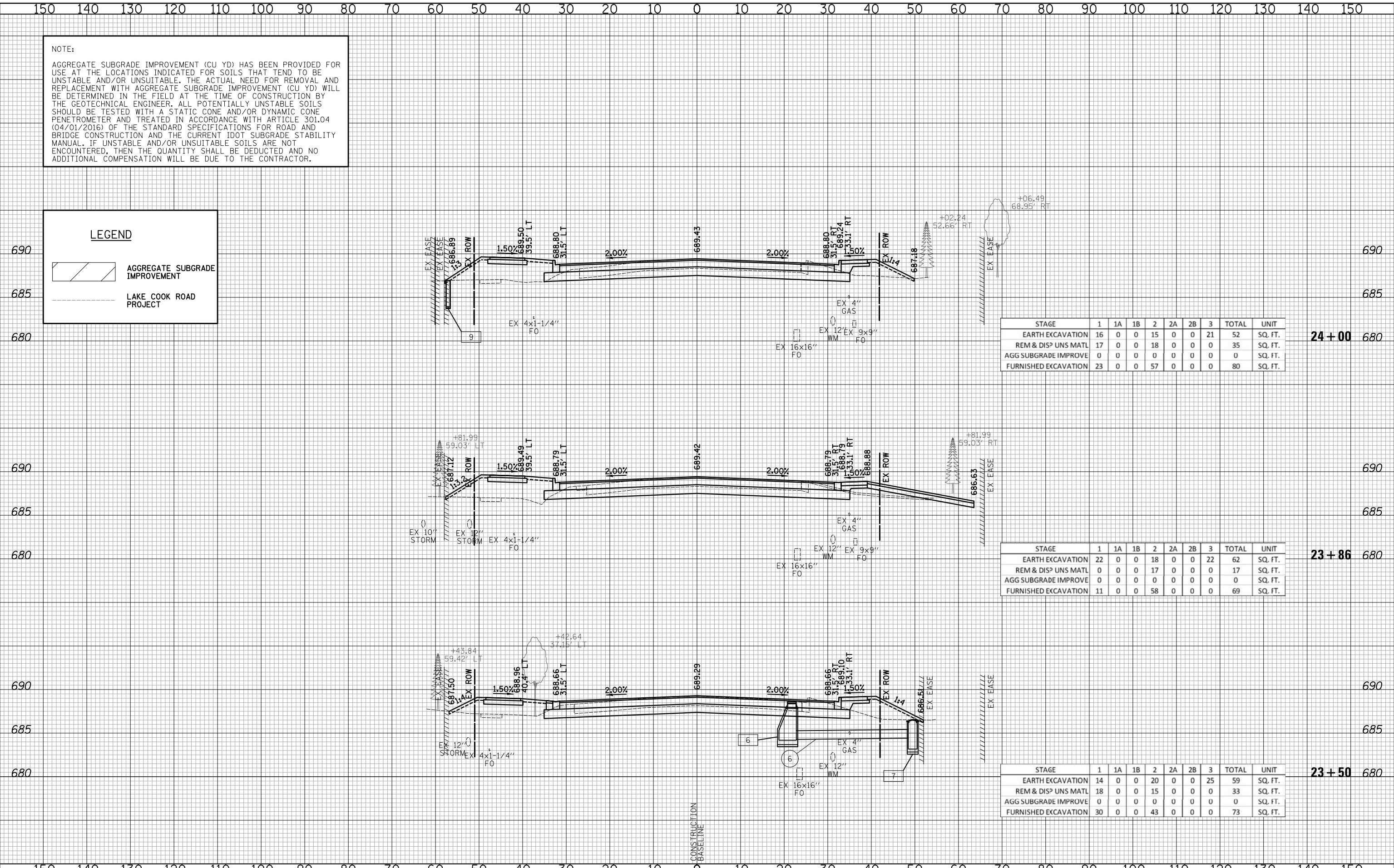
**LEGEND**

 AGGREGATE SUBGRADE IMPROVEMENT

 LAKE COOK ROAD PROJECT

DATE	
BY	
NO.	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	16	0	0	15	0	0	21	52	SQ. FT.
REM & DISP UNS MATL	17	0	0	18	0	0	0	35	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	23	0	0	57	0	0	0	80	SQ. FT.

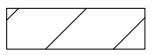
STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	22	0	0	18	0	0	22	62	SQ. FT.
REM & DISP UNS MATL	0	0	0	17	0	0	0	17	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	11	0	0	58	0	0	0	69	SQ. FT.

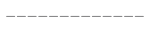
STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	14	0	0	20	0	0	25	59	SQ. FT.
REM & DISP UNS MATL	18	0	0	15	0	0	0	33	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	30	0	0	43	0	0	0	73	SQ. FT.



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.

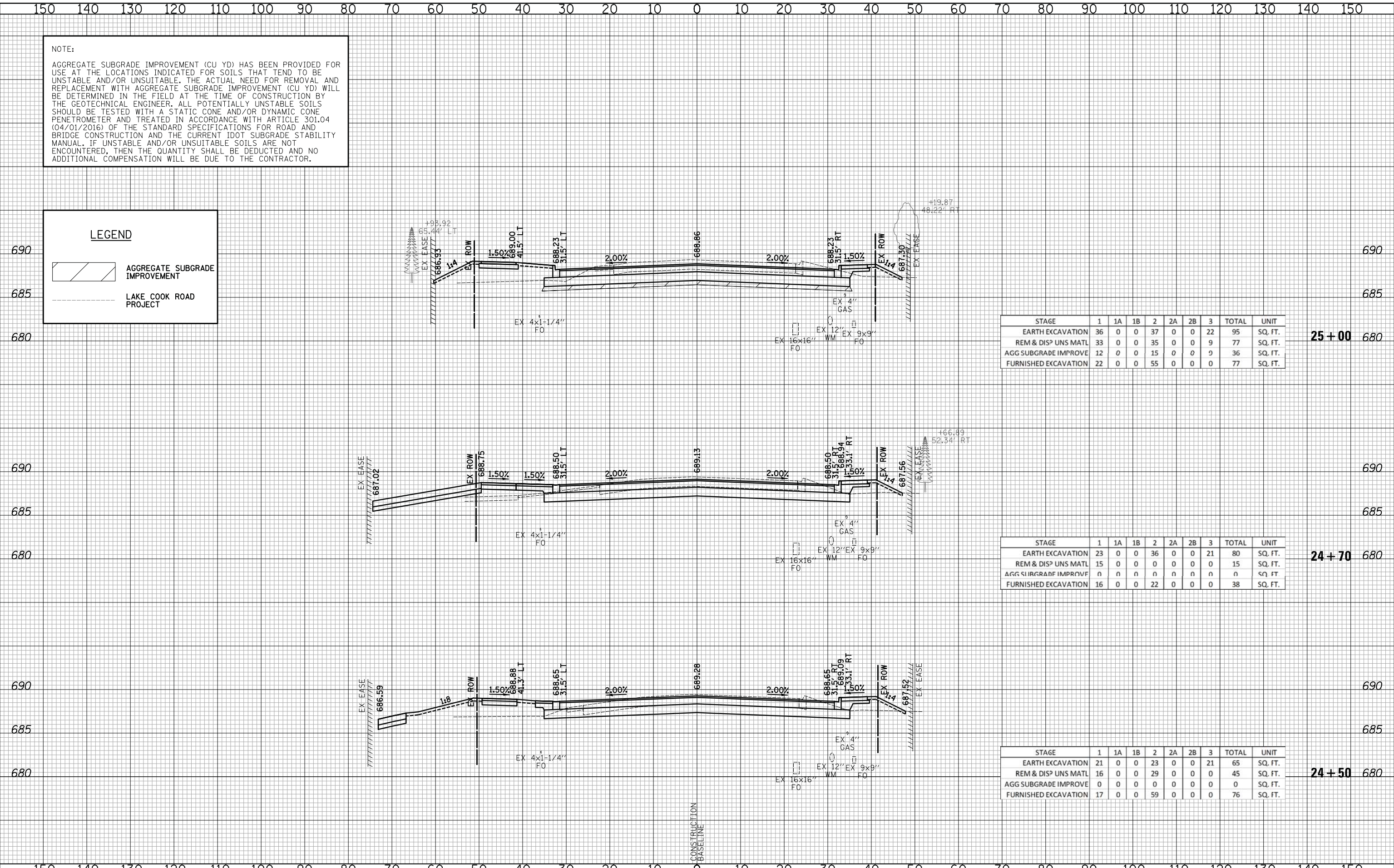
**LEGEND**

 AGGREGATE SUBGRADE IMPROVEMENT

 LAKE COOK ROAD PROJECT

DATE	
BY	
NO.	
ORIGINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	36	0	0	37	0	0	22	95	SQ. FT.
REM & DISP UNS MATL	33	0	0	35	0	0	9	77	SQ. FT.
AGG SUBGRADE IMPROVE	12	0	0	15	0	0	9	36	SQ. FT.
FURNISHED EXCAVATION	22	0	0	55	0	0	0	77	SQ. FT.

25+00 680

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	23	0	0	36	0	0	21	80	SQ. FT.
REM & DISP UNS MATL	15	0	0	0	0	0	0	15	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	16	0	0	22	0	0	0	38	SQ. FT.

24+70 680

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	21	0	0	23	0	0	21	65	SQ. FT.
REM & DISP UNS MATL	16	0	0	29	0	0	0	45	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	17	0	0	59	0	0	0	76	SQ. FT.

24+50 680

**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 - 10/8/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



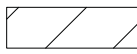
CROSS SECTIONS - WEILAND ROAD

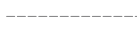
SHEET NO. 6 OF 54 SHEETS STA. 24+50 TO STA. 25+00

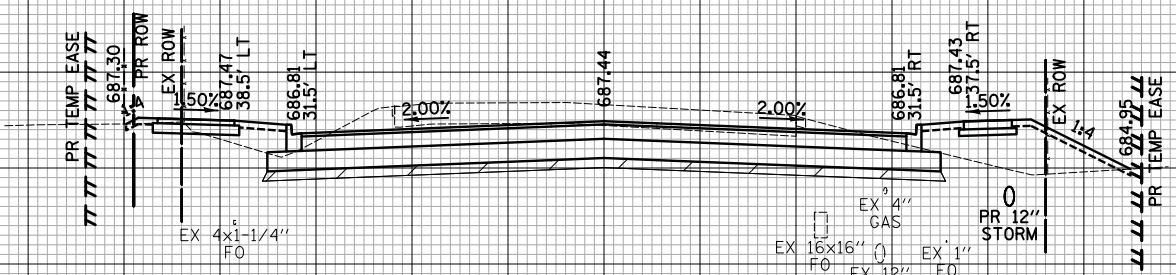
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	489
CONTRACT NO. 61E24			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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**

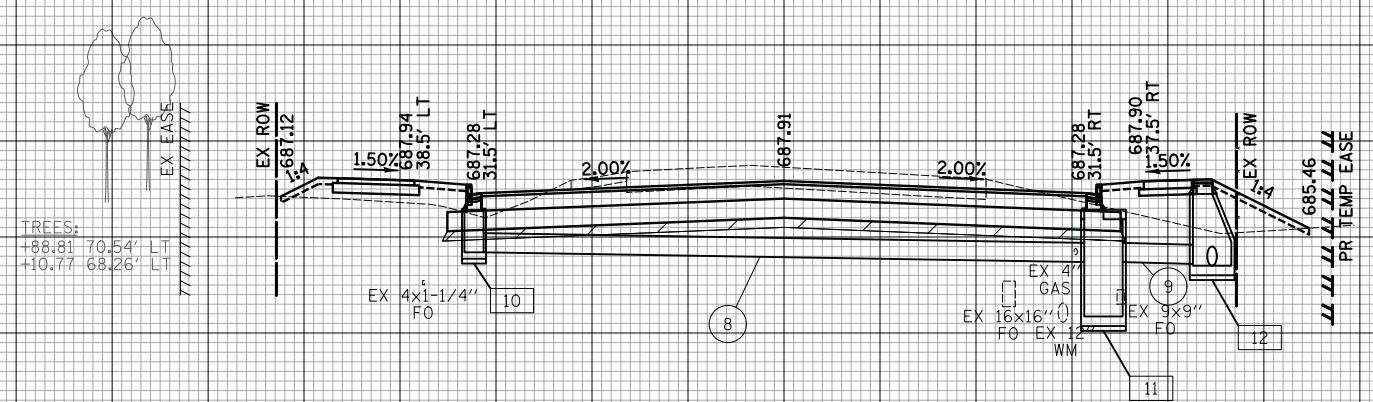
 AGGREGATE SUBGRADE IMPROVEMENT

 LAKE COOK ROAD PROJECT



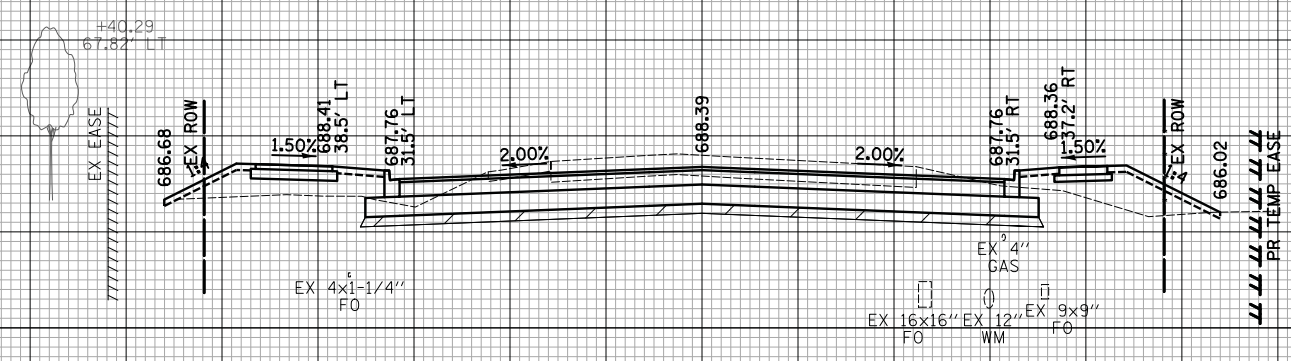
STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	41	0	0	62	0	0	20	123	SQ. FT.
REM & DISP UNS MATL	46	0	0	26	0	0	6	78	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	54	0	0	15	0	0	0	69	SQ. FT.

26+50



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	40	0	0	51	0	0	20	111	SQ. FT.
REM & DISP UNS MATL	44	0	0	29	0	0	6	79	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	53	0	0	23	0	0	0	76	SQ. FT.

26+00



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	38	0	0	47	0	0	21	106	SQ. FT.
REM & DISP UNS MATL	41	0	0	32	0	0	8	81	SQ. FT.
AGG SUBGRADE IMPROVE	14	0	0	15	0	0	8	37	SQ. FT.
FURNISHED EXCAVATION	47	0	0	34	0	0	0	81	SQ. FT.

25+50

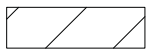
DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 TEMPLATE: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_

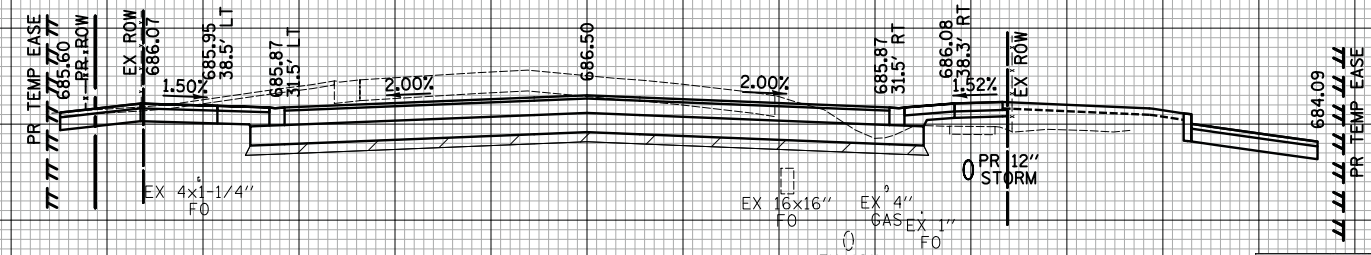
DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 TEMPLATE: \_\_\_\_\_  
 AREAS CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_

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

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

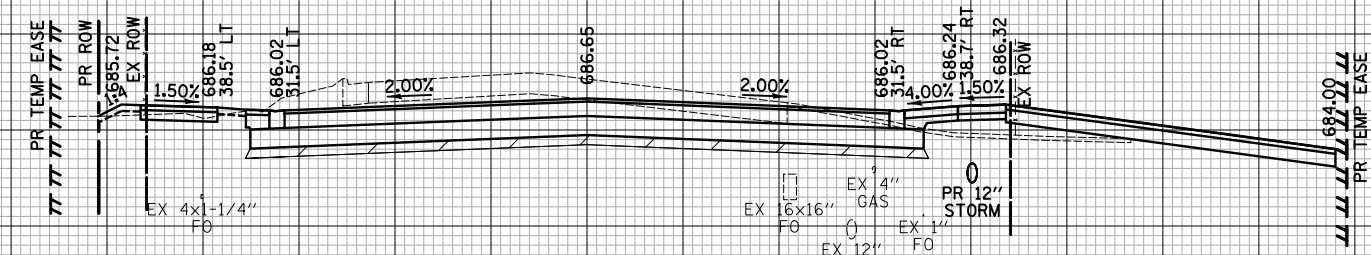
**NOTE:**  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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



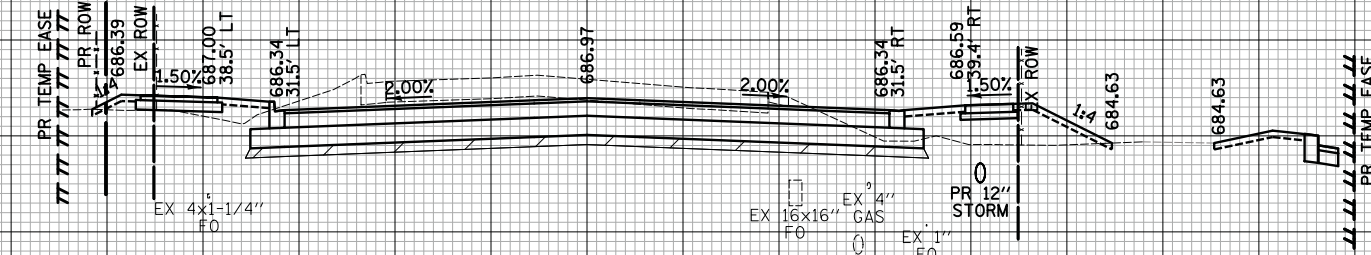
STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	31	0	0	88	0	0	22	141	SQ. FT.
REM & DISP UNS MATL	49	0	0	15	0	0	6	70	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	42	0	0	3	0	0	0	45	SQ. FT.

**27+50**



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	48	0	0	65	0	0	21	134	SQ. FT.
REM & DISP UNS MATL	15	0	0	32	0	0	6	53	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	16	0	0	11	0	0	0	27	SQ. FT.

**27+34**



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	35	0	0	64	0	0	21	120	SQ. FT.
REM & DISP UNS MATL	46	0	0	33	0	0	6	85	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	46	0	0	19	0	0	0	65	SQ. FT.

**27+00**

CONSTRUCTION BASELINE

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 10/8/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

VERT. 0 5 10  
 HORIZ. 0 10 20

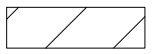
SCALES

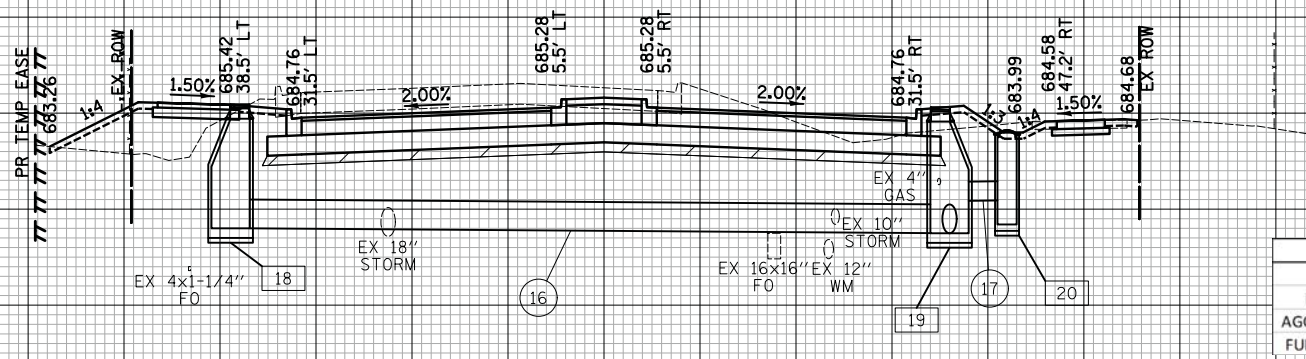
**CROSS SECTIONS - WEILAND ROAD**

SHEET NO. 8 OF 54 SHEETS STA. 27+00 TO STA. 27+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	491
CONTRACT NO. 61E24				
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



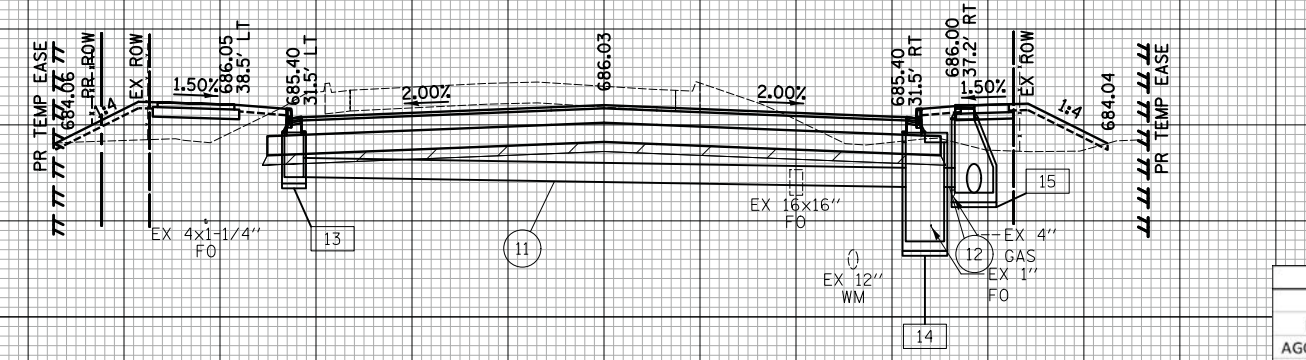
STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	35	0	0	68	0	0	20	123	SQ. FT.
REM & DISP UNS MATL	39	0	0	31	0	0	6	76	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	11	0	0	44	0	0	0	55	SQ. FT.

**29+00**



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	26	0	0	69	0	0	20	115	SQ. FT.
REM & DISP UNS MATL	38	0	0	32	0	0	6	76	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	26	0	0	36	0	0	0	62	SQ. FT.

**28+50**



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	29	0	0	67	0	0	21	117	SQ. FT.
REM & DISP UNS MATL	42	0	0	34	0	0	6	82	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	38	0	0	39	0	0	0	77	SQ. FT.

**28+00**

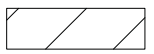
DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

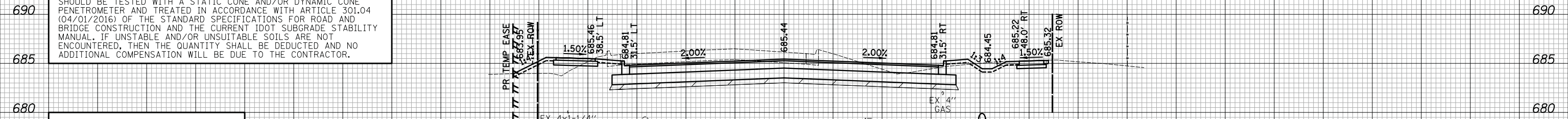
DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

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

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

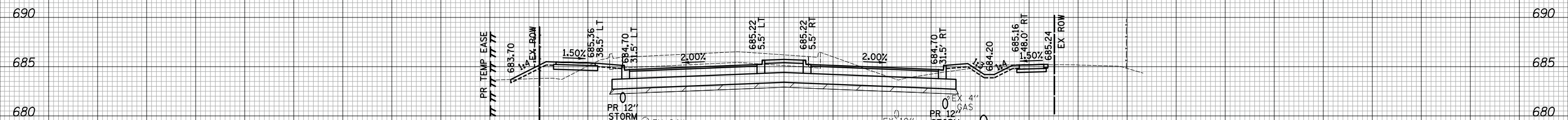
**NOTE:**  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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



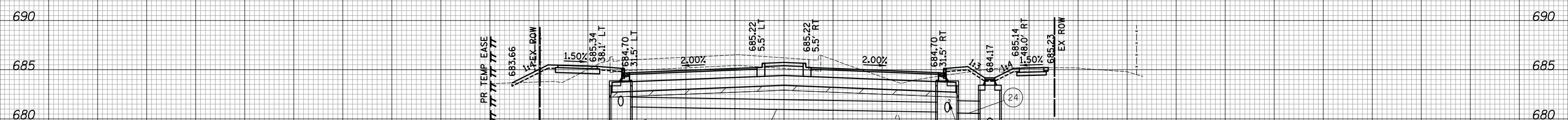
STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	38	0	0	66	0	0	18	122	SQ. FT.
REM & DISP UNS MATL	40	0	0	28	0	0	6	74	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	9	0	0	26	0	0	0	35	SQ. FT.

**30+00**



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	39	0	0	70	0	0	20	129	SQ. FT.
REM & DISP UNS MATL	40	0	0	29	0	0	6	75	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	9	0	0	27	0	0	0	36	SQ. FT.

**29+50**



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	39	0	0	70	0	0	20	129	SQ. FT.
REM & DISP UNS MATL	40	0	0	29	0	0	6	75	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	9	0	0	27	0	0	0	36	SQ. FT.

**29+43.52**

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 10/8/2018

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

VERT. 0 5 10  
 HORIZ. 0 10 20

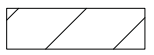
CROSS SECTIONS - WEILAND ROAD  
 SHEET NO. 10 OF 54 SHEETS  
 STA. 29+43.52 TO STA. 30+00

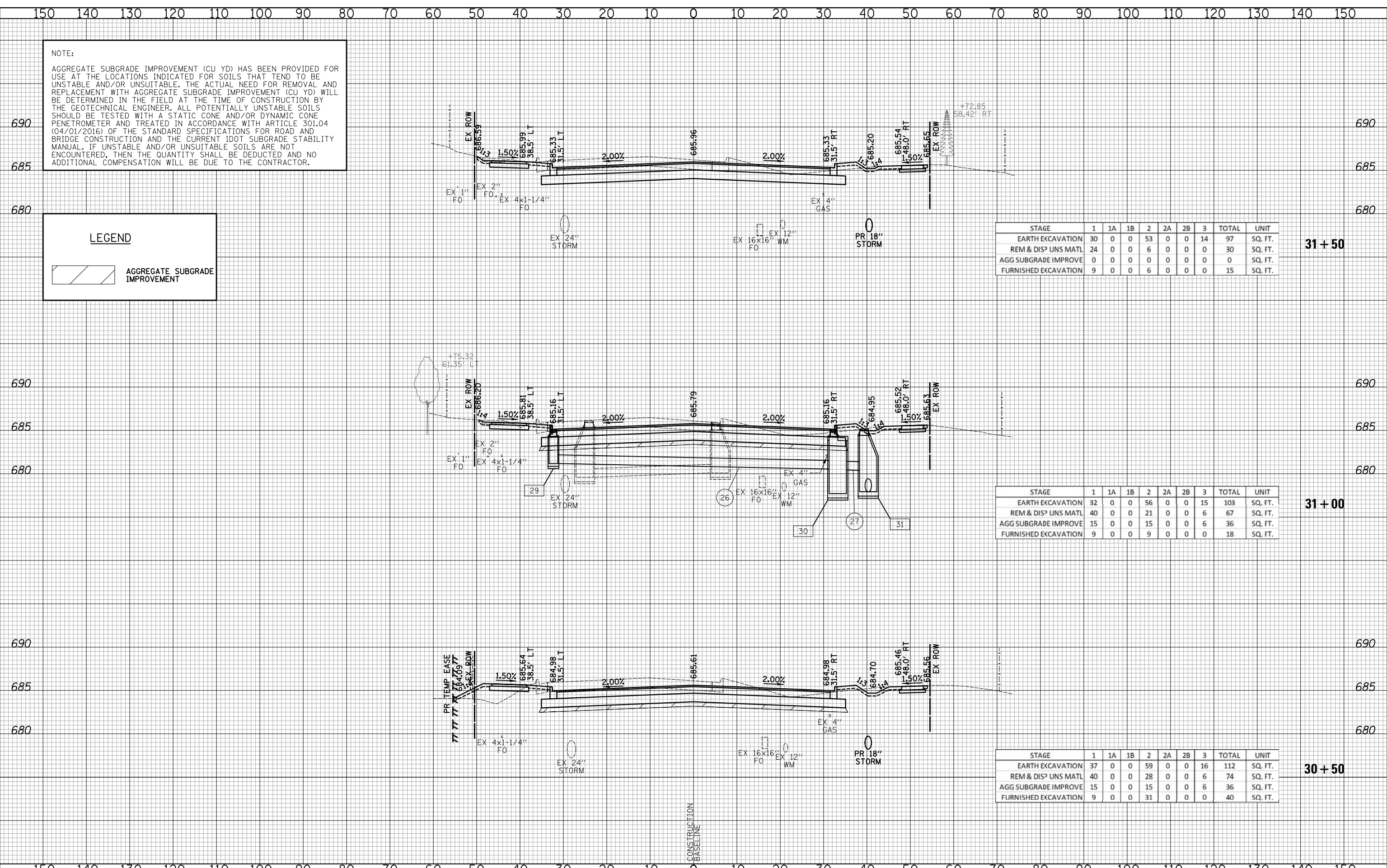
F.A.U. R.T.E. SECTION COUNTY TOTAL SHEETS SHEET NO.  
 2665 14-00158-11-WR LAKE 537 493  
 CONTRACT NO. 61E24  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_ PLOTTED \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_ NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_ PLOTTED \_\_\_\_\_  
 ORIGINAL SURVEY \_\_\_\_\_ NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

**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



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	30	0	0	53	0	0	14	97	SQ. FT.
REM & DISP UNS MATL	24	0	0	6	0	0	0	30	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	9	0	0	6	0	0	0	15	SQ. FT.

**31 + 50**

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	32	0	0	56	0	0	15	103	SQ. FT.
REM & DISP UNS MATL	40	0	0	21	0	0	6	67	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	9	0	0	9	0	0	0	18	SQ. FT.

**31 + 00**

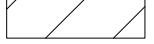
STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	37	0	0	59	0	0	16	112	SQ. FT.
REM & DISP UNS MATL	40	0	0	28	0	0	6	74	SQ. FT.
AGG SUBGRADE IMPROVE	15	0	0	15	0	0	6	36	SQ. FT.
FURNISHED EXCAVATION	9	0	0	31	0	0	0	40	SQ. FT.

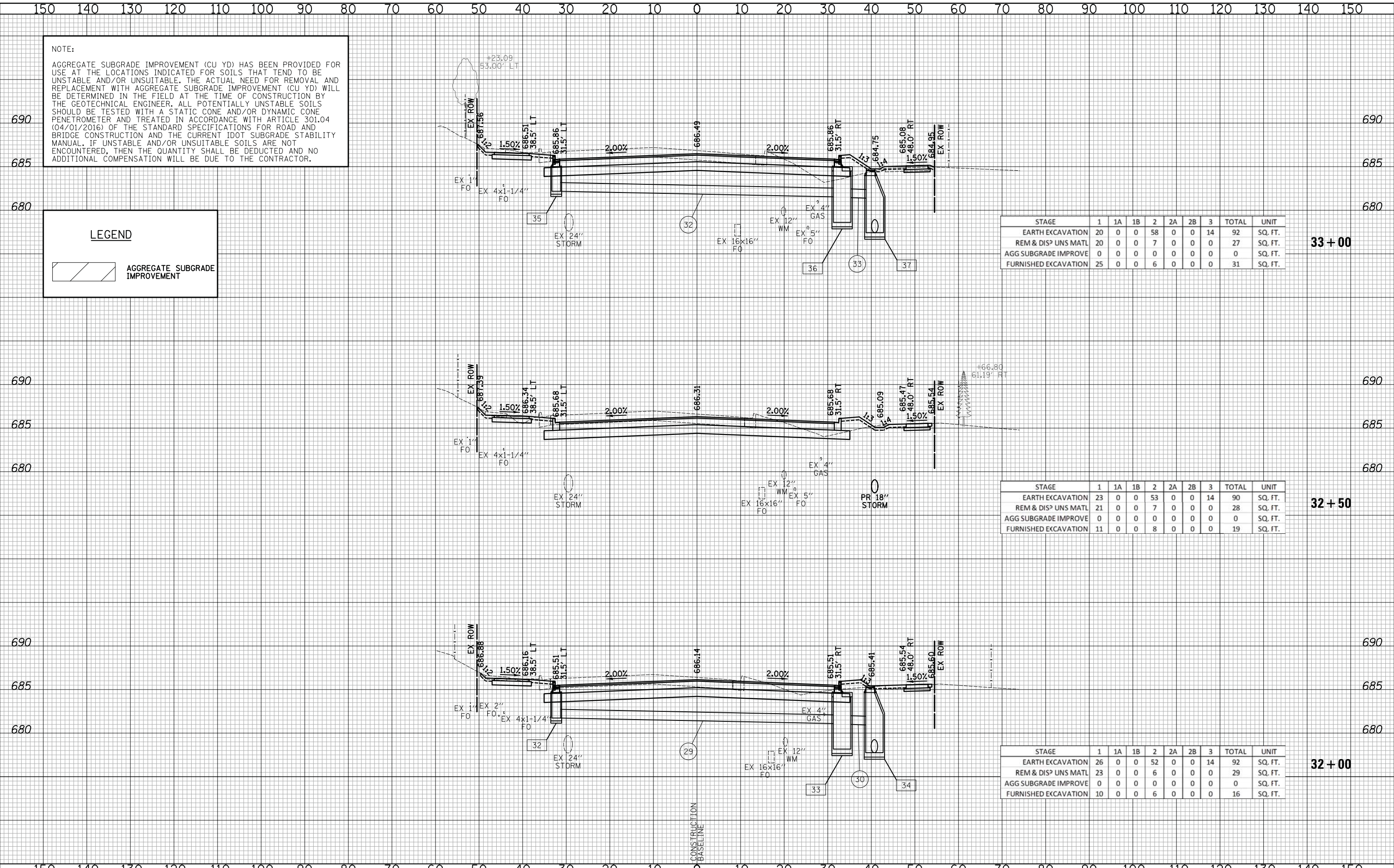
**30 + 50**

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

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

**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



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	20	0	0	58	0	0	14	92	SQ. FT.
REM & DISP UNS MATL	20	0	0	7	0	0	0	27	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	25	0	0	6	0	0	0	31	SQ. FT.

**33 + 00**

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	23	0	0	53	0	0	14	90	SQ. FT.
REM & DISP UNS MATL	21	0	0	7	0	0	0	28	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	11	0	0	8	0	0	0	19	SQ. FT.

**32 + 50**

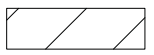
STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	26	0	0	52	0	0	14	92	SQ. FT.
REM & DISP UNS MATL	23	0	0	6	0	0	0	29	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	10	0	0	6	0	0	0	16	SQ. FT.

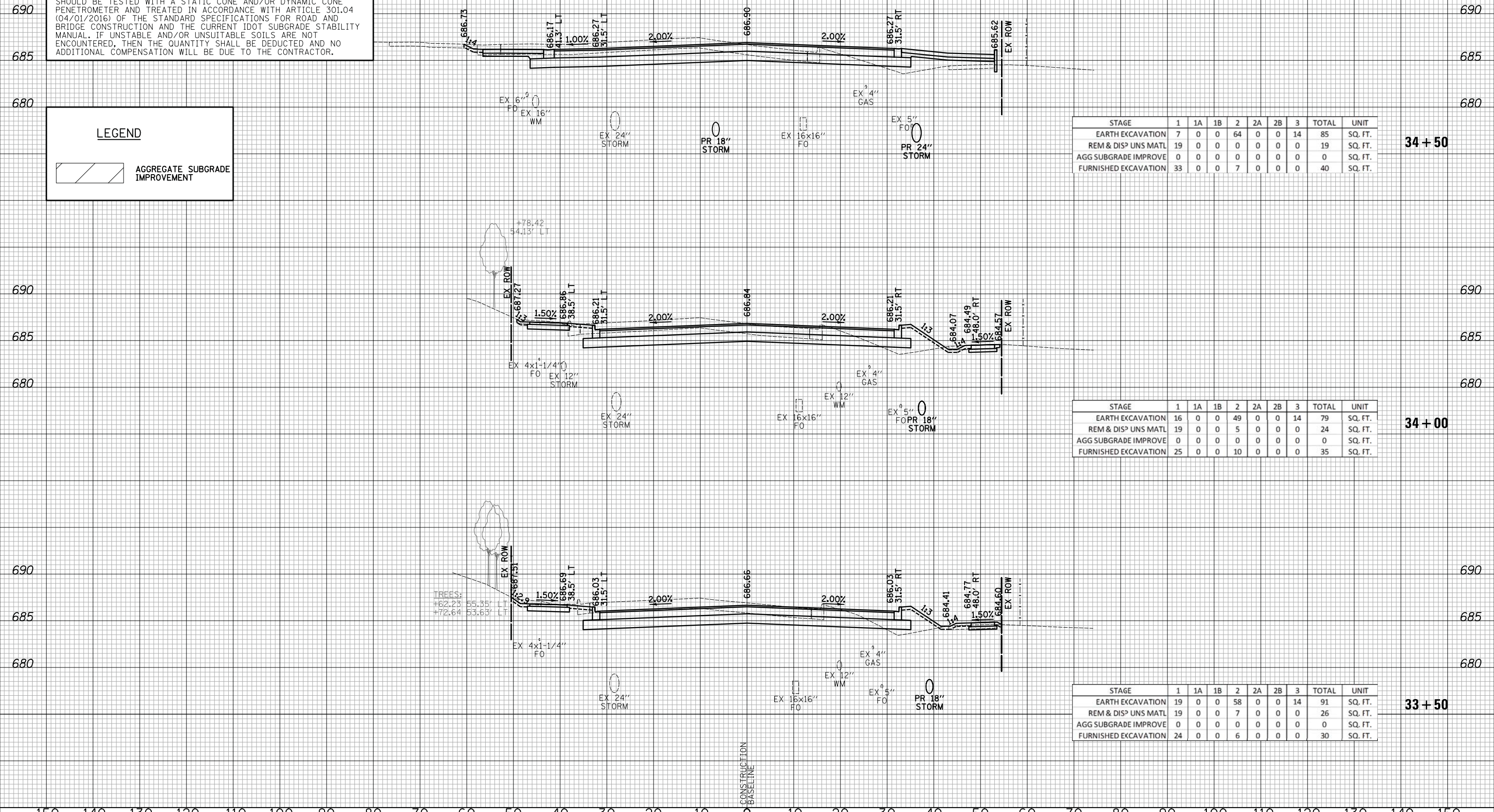
**32 + 00**

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

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

**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



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	7	0	0	64	0	0	14	85	SQ. FT.
REM & DISP UNS MATL	19	0	0	0	0	0	0	19	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	33	0	0	7	0	0	0	40	SQ. FT.

**34 + 50**

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	16	0	0	49	0	0	14	79	SQ. FT.
REM & DISP UNS MATL	19	0	0	5	0	0	0	24	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	25	0	0	10	0	0	0	35	SQ. FT.

**34 + 00**

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	19	0	0	58	0	0	14	91	SQ. FT.
REM & DISP UNS MATL	19	0	0	7	0	0	0	26	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	24	0	0	6	0	0	0	30	SQ. FT.

**33 + 50**

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 10/8/2018

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

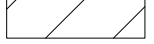
VERT. 0 5 10  
 HORIZ. 0 10 20  
**SCALES**

**CROSS SECTIONS - WEILAND ROAD**  
 SHEET NO. 13 OF 54 SHEETS STA. 33+50 TO STA. 34+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	496
CONTRACT NO. 61E24			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

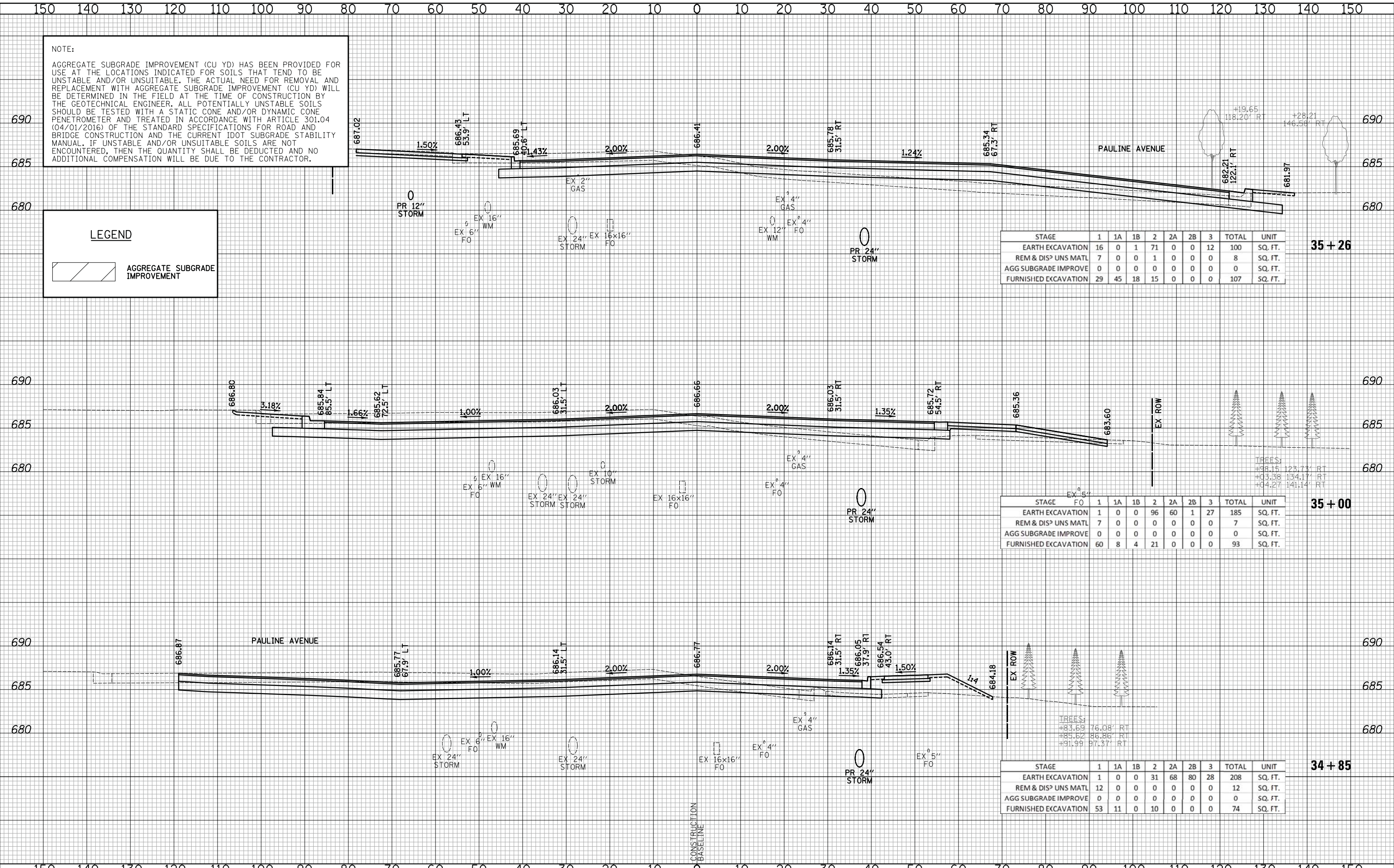


NOTE:  
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION 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	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	16	0	1	71	0	0	12	100	SQ. FT.
REM & DISP UNS MATL	7	0	0	1	0	0	0	8	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	29	45	18	15	0	0	0	107	SQ. FT.

**35 + 26**

STAGE	FO	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	1	0	0	96	60	1	27	185	SQ. FT.	
REM & DISP UNS MATL	7	0	0	0	0	0	0	7	SQ. FT.	
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.	
FURNISHED EXCAVATION	60	8	4	21	0	0	0	93	SQ. FT.	

**35 + 00**

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	1	0	0	31	68	80	28	208	SQ. FT.
REM & DISP UNS MATL	12	0	0	0	0	0	0	12	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	53	11	0	10	0	0	0	74	SQ. FT.

**34 + 85**

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 10/8/2018

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS - WEILAND ROAD**

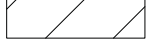
SHEET NO. 14 OF 54 SHEETS STA. 34+85 TO STA. 35+26

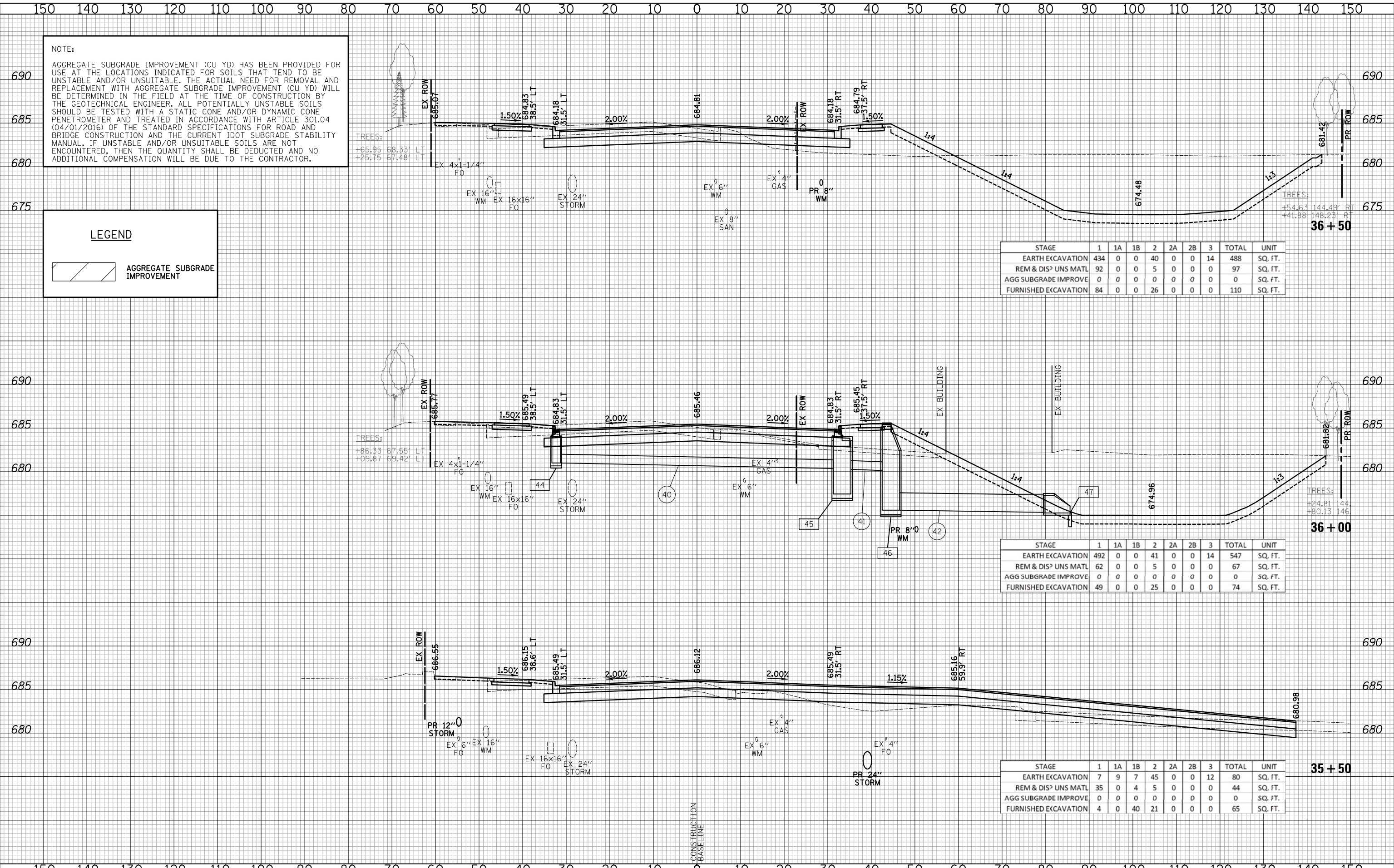
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	497
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

**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



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	434	0	0	40	0	0	14	488	SQ. FT.
REM & DISP UNS MATL	92	0	0	5	0	0	0	97	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	84	0	0	26	0	0	0	110	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	492	0	0	41	0	0	14	547	SQ. FT.
REM & DISP UNS MATL	62	0	0	5	0	0	0	67	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	49	0	0	25	0	0	0	74	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	7	9	7	45	0	0	12	80	SQ. FT.
REM & DISP UNS MATL	35	0	4	5	0	0	0	44	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	4	0	40	21	0	0	0	65	SQ. FT.

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 11/7/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

VERT. 0 5 10  
 HORIZ. 0 10 20

SCALES

**CROSS SECTIONS - WEILAND ROAD**

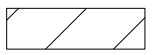
SHEET NO. 15 OF 54 SHEETS STA. 35+50 TO STA. 36+50

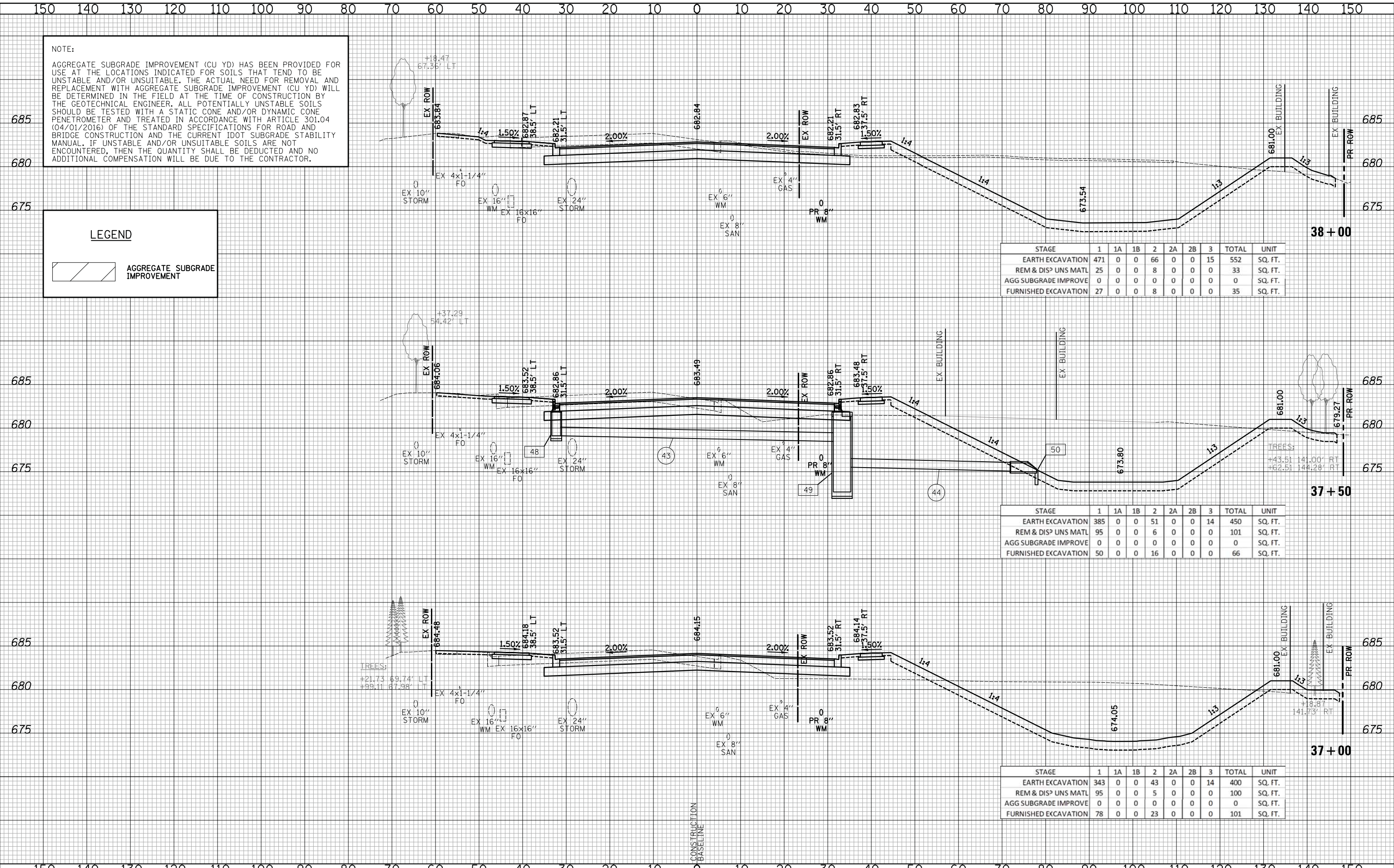
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	498
CONTRACT NO. 61E24			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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

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

**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



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	471	0	0	66	0	0	15	552	SQ. FT.
REM & DISP UNS MATL	25	0	0	8	0	0	0	33	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	27	0	0	8	0	0	0	35	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	385	0	0	51	0	0	14	450	SQ. FT.
REM & DISP UNS MATL	95	0	0	6	0	0	0	101	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	50	0	0	16	0	0	0	66	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	343	0	0	43	0	0	14	400	SQ. FT.
REM & DISP UNS MATL	95	0	0	5	0	0	0	100	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	78	0	0	23	0	0	0	101	SQ. FT.

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 11/7/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**CROSS SECTIONS - WEILAND ROAD**

SHEET NO. 16 OF 54 SHEETS STA. 37+00 TO STA. 38+00

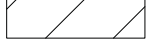
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	499

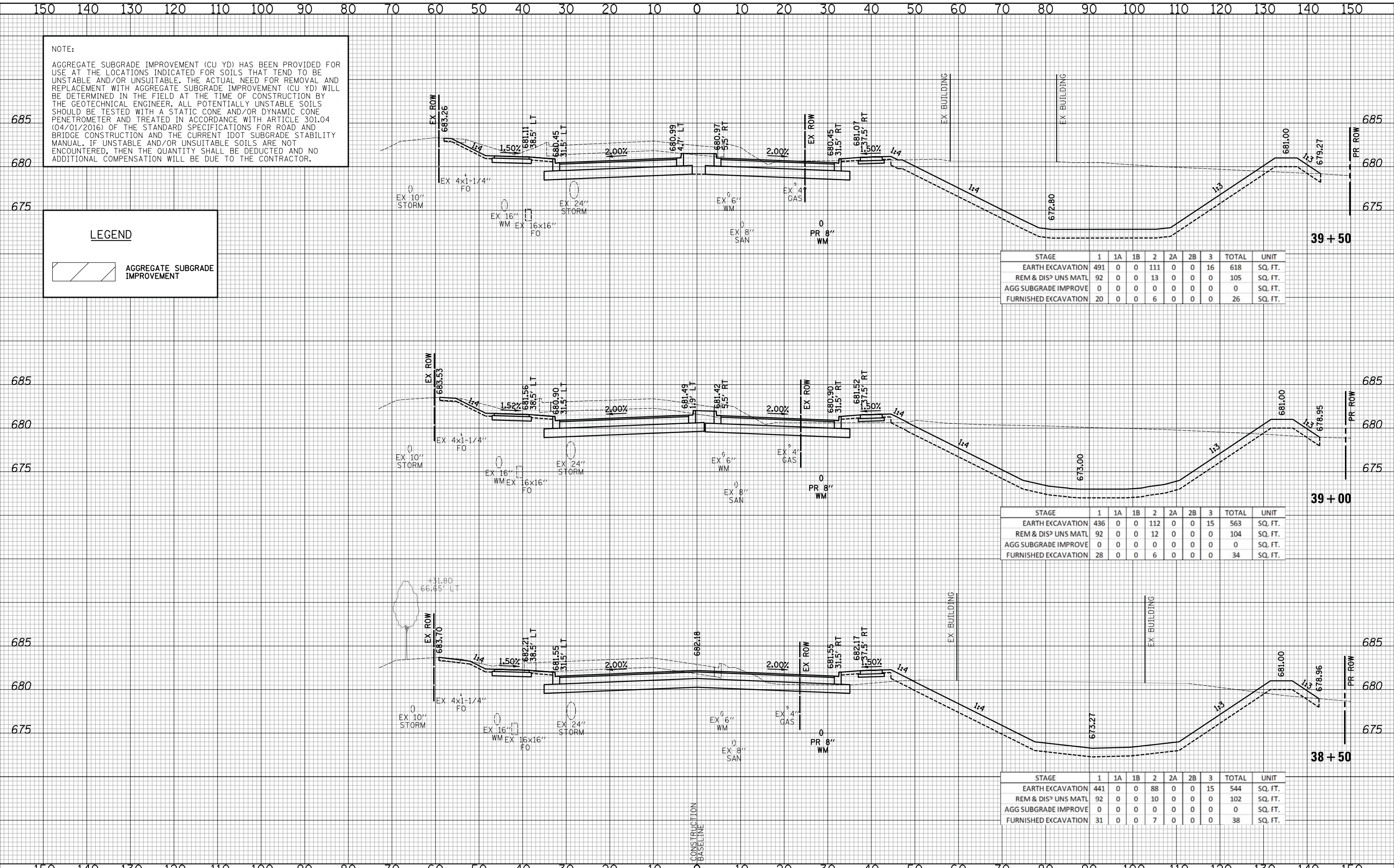
CONTRACT NO. 61E24  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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

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

**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



STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	491	0	0	111	0	0	16	618	SQ. FT.
REM & DISP UNS MATL	92	0	0	13	0	0	0	105	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	20	0	0	6	0	0	0	26	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	436	0	0	112	0	0	15	563	SQ. FT.
REM & DISP UNS MATL	92	0	0	12	0	0	0	104	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	28	0	0	6	0	0	0	34	SQ. FT.

STAGE	1	1A	1B	2	2A	2B	3	TOTAL	UNIT
EARTH EXCAVATION	441	0	0	88	0	0	15	544	SQ. FT.
REM & DISP UNS MATL	92	0	0	10	0	0	0	102	SQ. FT.
AGG SUBGRADE IMPROVE	0	0	0	0	0	0	0	0	SQ. FT.
FURNISHED EXCAVATION	31	0	0	7	0	0	0	38	SQ. FT.

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 11/7/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

VERT. 0 5 10  
 HORIZ. 0 10 20

SCALES

**CROSS SECTIONS - WEILAND ROAD**

SHEET NO. 17 OF 54 SHEETS STA. 38+50 TO STA. 39+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	500

CONTRACT NO. 61E24  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT