

TRANSITION TABLE

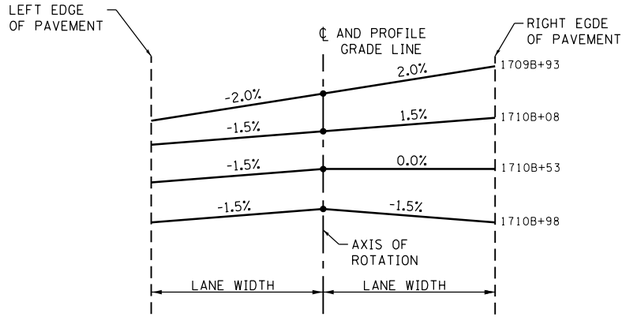
FOR TRANSITION
DETAIL 1

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1697B+28	-1.50	-1.50
1697B+43	-1.50	-1.00
1697B+58	-1.50	-0.50
1697B+73	-1.50	0.00
1697B+88	-1.50	0.50
1698B+03	-1.50	1.00
1698B+18	-1.50	1.50
1698B+33	-2.00	2.00

TRANSITION DETAIL 1

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE EBL3 - WEST END



TRANSITION TABLE

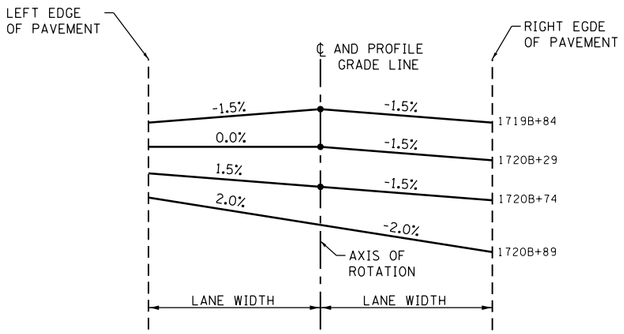
FOR TRANSITION
DETAIL 3

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1709B+93	-2.00	2.00
1710B+08	-1.50	1.50
1710B+23	-1.50	1.00
1710B+38	-1.50	0.50
1710B+53	-1.50	0.00
1710B+68	-1.50	-0.50
1710B+83	-1.50	-1.00
1710B+98	-1.50	-1.50

TRANSITION DETAIL 3

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE EBL3 - EAST END



TRANSITION TABLE

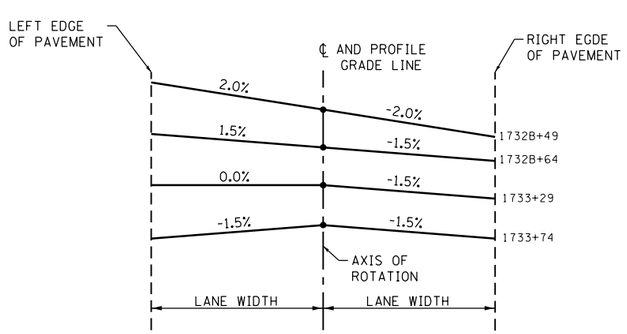
FOR TRANSITION
DETAIL 2

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1719B+84	-1.50	-1.50
1719B+99	-1.00	-1.50
1720B+14	-0.50	-1.50
1720B+29	0.00	-1.50
1720B+44	0.50	-1.50
1720B+59	1.00	-1.50
1720B+74	1.50	-1.50
1720B+89	2.00	-2.00

TRANSITION DETAIL 2

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE EBL4 - WEST END



TRANSITION TABLE

FOR TRANSITION
DETAIL 4

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1732B+49	2.00	-2.00
1732B+64	1.50	-1.50
1732+99	1.00	-1.50
1733+14	0.50	-1.50
1733+29	0.00	-1.50
1733+44	-0.50	-1.50
1733+59	-1.00	-1.50
1733+74	-1.50	-1.50

TRANSITION DETAIL 4

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE EBL4 - EAST END

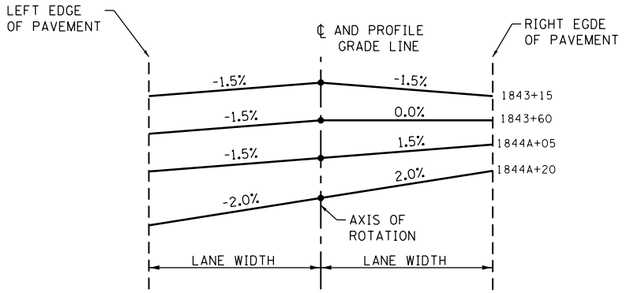
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITIONS
EASTBOUND INDEPENDENT LANES

SCALE: | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	201
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



TRANSITION TABLE

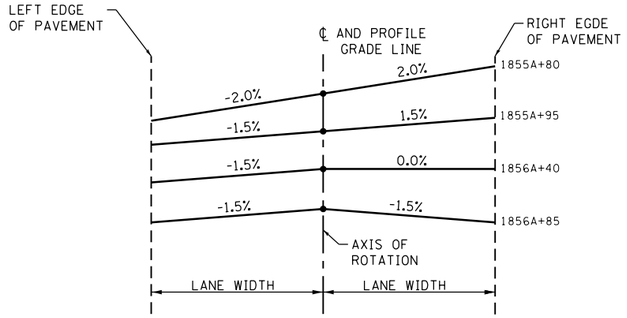
FOR TRANSITION
DETAIL 1

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1843+15	-1.50	-1.50
1843+30	-1.50	-1.00
1843+45	-1.50	-0.50
1843+60	-1.50	0.00
1843+75	-1.50	0.50
1843+90	-1.50	1.00
1844A+05	-1.50	1.50
1844A+20	-2.00	2.00

TRANSITION DETAIL 1

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE WBL1 - WEST END



TRANSITION TABLE

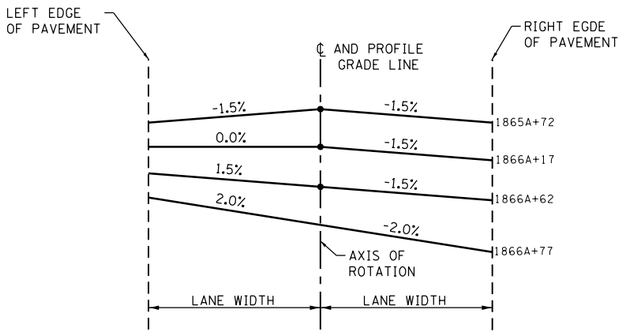
FOR TRANSITION
DETAIL 3

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1855A+80	-2.00	2.00
1855A+95	-1.50	1.50
1856A+10	-1.50	1.00
1856A+25	-1.50	0.50
1856A+40	-1.50	0.00
1856A+55	-1.50	-0.50
1856A+70	-1.50	-1.00
1856A+85	-1.50	-1.50

TRANSITION DETAIL 3

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE WBL1 - EAST END



TRANSITION TABLE

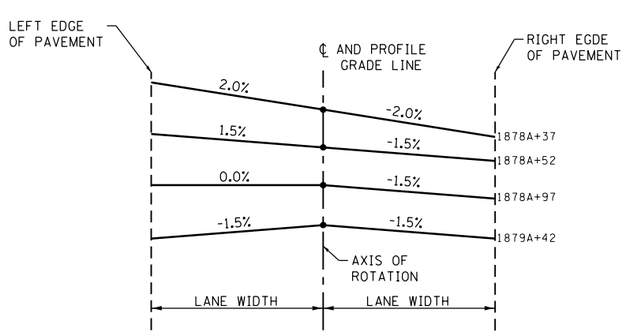
FOR TRANSITION
DETAIL 2

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1865A+72	-1.50	-1.50
1865A+87	-1.00	-1.50
1866A+02	-0.50	-1.50
1866A+17	0.00	-1.50
1866A+32	0.50	-1.50
1866A+47	1.00	-1.50
1866A+62	1.50	-1.50
1866A+77	2.00	-2.00

TRANSITION DETAIL 2

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE WBL2 - WEST END



TRANSITION TABLE

FOR TRANSITION
DETAIL 4

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1878A+37	2.00	-2.00
1878A+52	1.50	-1.50
1878A+67	1.00	-1.50
1878A+82	0.50	-1.50
1878A+97	0.00	-1.50
1879A+12	-0.50	-1.50
1879A+27	-1.00	-1.50
1879A+42	-1.50	-1.50

TRANSITION DETAIL 4

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE WBL2 - EAST END

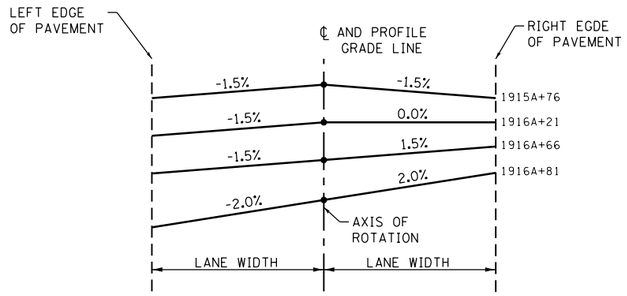
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITIONS
WESTBOUND INDEPENDENT LANES

SCALE: | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	202
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



TRANSITION TABLE

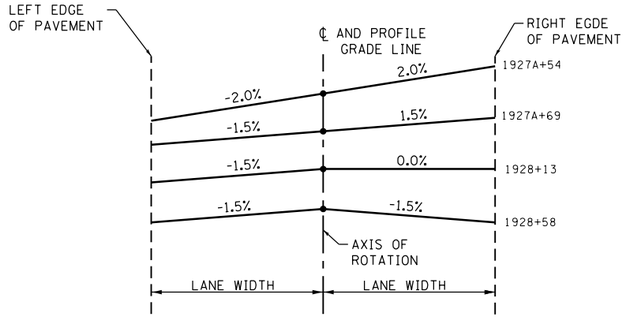
FOR TRANSITION
DETAIL 1

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1915A+76	-1.50	-1.50
1915A+91	-1.50	-1.00
1916A+06	-1.50	-0.50
1916A+21	-1.50	0.00
1916A+36	-1.50	0.50
1916A+51	-1.50	1.00
1916A+66	-1.50	1.50
1916A+81	-2.00	2.00

TRANSITION DETAIL 1

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE WBL4 - WEST END



TRANSITION TABLE

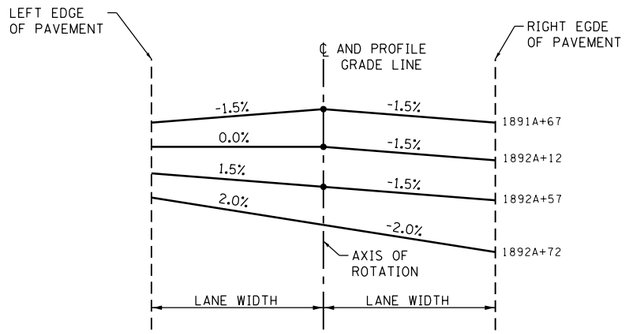
FOR TRANSITION
DETAIL 3

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1927A+54	-2.00	2.00
1927A+69	-1.50	1.50
1927+83	-1.50	1.00
1927+98	-1.50	0.50
1928+13	-1.50	0.00
1928+28	-1.50	-0.50
1928+43	-1.50	-1.00
1928+58	-1.50	-1.50

TRANSITION DETAIL 3

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE WBL4 - EAST END



TRANSITION TABLE

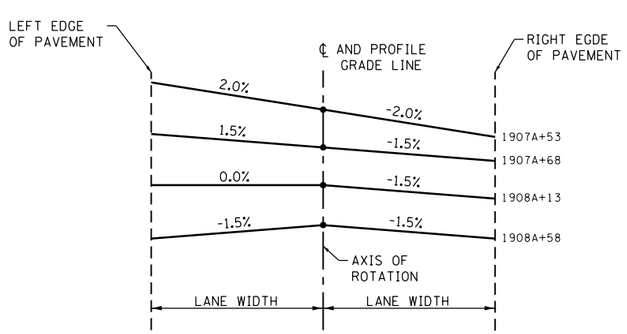
FOR TRANSITION
DETAIL 2

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1891A+67	-1.50	-1.50
1891A+82	-1.00	-1.50
1891A+97	-0.50	-1.50
1892A+12	0.00	-1.50
1892A+27	0.50	-1.50
1892A+42	1.00	-1.50
1892A+57	1.50	-1.50
1892A+72	2.00	-2.00

TRANSITION DETAIL 2

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE WBL3 - WEST END



TRANSITION TABLE

FOR TRANSITION
DETAIL 4

Station	LEFT Cross Slope (%)	RIGHT Cross Slope (%)
1907A+53	2.00	-2.00
1907A+68	1.50	-1.50
1907A+83	1.00	-1.50
1907A+98	0.50	-1.50
1908A+13	0.00	-1.50
1908A+28	-0.50	-1.50
1908A+43	-1.00	-1.50
1908A+58	-1.50	-1.50

TRANSITION DETAIL 4

SEE PLAN AND PROFILE SHEETS FOR INDIVIDUAL
CURVE DATA AND SUPERELEVATION DETAILS

CURVE WBL3 - EAST END

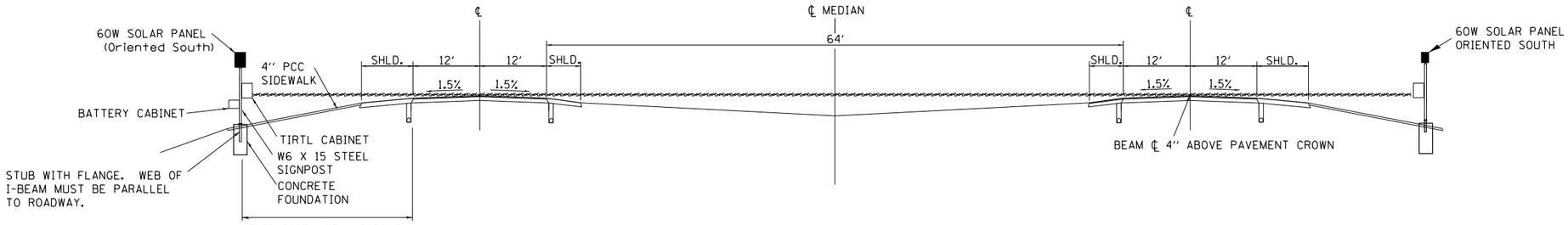
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

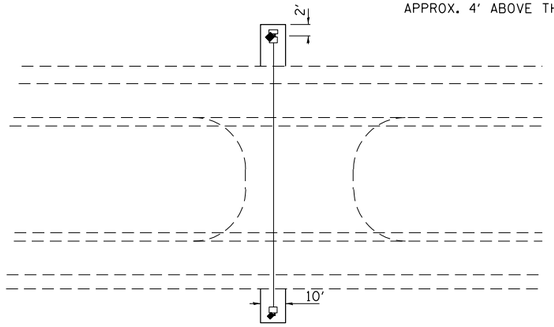
SUPERELEVATION TRANSITIONS
WESTBOUND INDEPENDENT LANES

SCALE: | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	203
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



INTERSTATE SECTION AT MAINTENANCE CROSSOVER



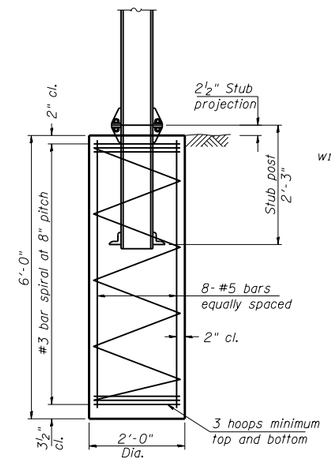
LOCATION: THE FIRST CROSS-OVER WEST OF
LITTLE WABASH RIVER BRIDGE
(STA. 1977+60±)

NOTES:

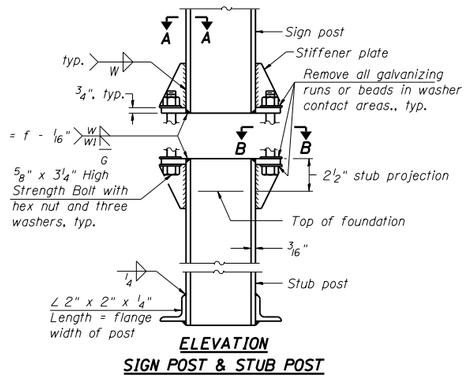
1. SYSTEM CONSISTS OF TWO W6 X 15 I-BEAM SIGNPOSTS WITH CONCRETE FOUNDATION AND A FLANGE WITH BREAKAWAY BOLTS
2. THE I-BEAMS ARE 12' LONG AND DRILLED AS PER THE I-BEAM DETAIL TO ACCOMODATE A PIPE TO ALLOW THE MOUNTING OF THE SOLAR PANEL.
3. THE WEB OF THE I-BEAM IS TO BE PLACED PARALLEL TO THE LANES.
4. THE TWO POSTS MUST BE PLACED DIRECTLY ACROSS FROM EACH OTHER AND PERPENDICULAR TO THE LANES.
5. TWO POSTS ARE REQUIRED LOCATED AS PER THE ENGINEER AND DRAWING.
6. THE CABINETS ARE ATTACHED TO THE I-BEAM USING 8'' GALVANIZED J-BOLTS.
7. THE BOTTOM OF THE CABINET HEIGHT MUST BE NO LOWER THAN 4' ABOVE THE GROUND AND BE ABLE TO VIEW ACROSS ALL LANES AT THE CROWN OF THE PAVEMENT.
8. THE IDOT OFFICE OF PLANNING AND PROGRAMMING DATA MANAGEMENT LAB (RAMON TAYLOR or RICH MARX 217-782-2065) SHALL BE NOTIFIED TWO WEEKS PRIOR TO THE LAYOUT AND SHALL BE PRESENT DURING THE PLACEMENT OF THE POST FOUNDATIONS.

TIRTL TRAFFIC COUNTER
SCHEDULE OF QUANTITIES
(FOR INFORMATION ONLY)

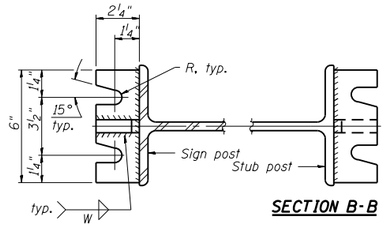
CODE NUMBER	ITEM	UNIT	QUANTITY
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	283.5
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	520
73400100	CONCRETE FOUNDATIONS	CU YD	1.4
X0323388	TRAFFIC COUNTER (INCLUDES ITEMS BELOW)	EACH	1
	TIRTL TRAFFIC DATA COLLECTION SYSTEM INCLUDES:		
	Sierra Wireless GX-450 Mobile 4G XLTE Gateway EVDO-Verizon	EACH	1
	Panorama Low Profile LTE MiMo LGAM-BC3G-26-3SP Antenna	EACH	1
	TIRTL CABINET 15'' X 27'' X 16''	EACH	2
	BATTERY CABINET 16.5'' X 16'' X 11.5'' BBA1M w/ #2 Police Lock	EACH	1
	SOLAR PANEL 60 W 12 VDC with Bracket	EACH	2
	TIRTL TRAFFIC COUNTER	EACH	1
	SUNSAVER SOLAR CHARGE REGULATOR 10 AMP 12 VDC	EACH	2
	BATTERY - 33 AH ABSORBED ELECTROLYTE 8'' X 5.5'' X 7'' (DEEP CYCLE	EACH	1
	BATTERY -104AH ABSORBED ELECTROLYTE 10'' X 6'' X 8'' (DEEP CYCLE)	EACH	1



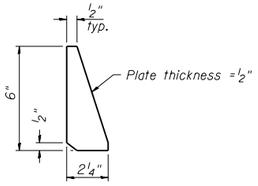
FOUNDATION SECTION



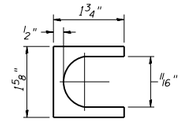
ELEVATION
SIGN POST & STUB POST



SECTION A-A
SECTION B-B



STIFFENER PLATE DETAIL



SHIM DETAIL

Furnish two 0.01'' thick and two 0.03'' thick stainless steel or brass (ASTM B36) shims per post.

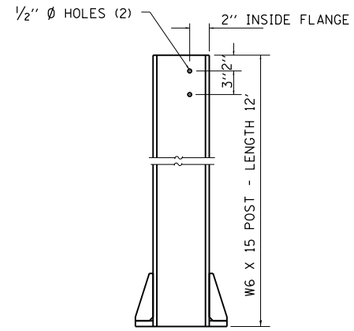
GENERAL NOTES

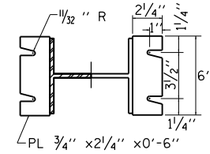
Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post and upper 6'', min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.





BREAK-AWAY WIDE FLANGE STEEL POST DETAILS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

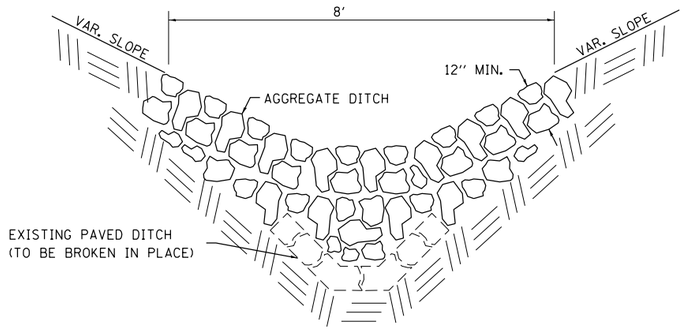
TRAFFIC COUNTER DETAILS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

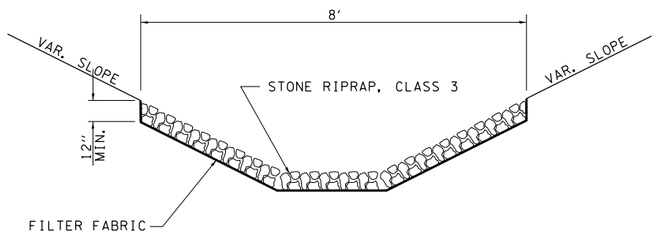
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	204
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

STATION	PAVED DITCH REMOVAL	BREAKING PAVED DITCH	AGGREGATE DITCH	REMOVE EXISTING RIPRAP	FILTER FABRIC	STONE RIPRAP, CLASS A3
	FOOT	FOOT	TON	SQ YD	SQ YD	SQ YD
I-70 EASTBOUND						
RT STA 1620+55 TO 1620+84	33					
RT STA 1646+16 TO 1646+93				55	85	68
RT STA 1690B+22 TO 1691B+57				223	139	111
RT STA 1705B+36 TO 1707B+42		209	104.5			
RT STA 1714B+97 TO 1717B+45				272	278	222
RT STA 1740+13 TO 1740+59	47					
RT STA 1750+82 TO 1750+95		27	13.5			
RT STA 1791+19 TO 1792+33				71	129	103
RT STA 1797+72 TO 1800+66				541	321	257
RT STA 1810+26 TO 1811+92				103	185	148
RT STA 1877+44 TO 1878+24				58	81	65
LT STA 1878+00 TO 1879+00				63	113	90
RT STA 1890+39 TO LT STA 1892+39				297	251	201
RT STA 1891+00 TO 1892+64				250	226	181
RT STA 1899+72 TO 1901+10				97	151	121
RT STA 1906+00 TO 1906+36				25	39	31
RT STA 1906+02 TO 1906+21				12	19	15
RT STA 1916+05 TO 1919+38				247	370	296
RT STA 1920+08 TO 1921+56				87	165	132
RT STA 1930+16 TO 1931+02	86					
RT STA 1933+43 TO 1936+09				255	308	246
RT STA 1942+23 TO 1943+27		128	64			
RT STA 1976+86 TO 1977+35				70	53	42
RAMPS & I-70 EASTBOUND TOTAL	166	364	182.5	2726	2913	2329

STATION	PAVED DITCH REMOVAL	BREAKING PAVED DITCH	AGGREGATE DITCH	REMOVE EXISTING RIPRAP	FILTER FABRIC	STONE RIPRAP, CLASS A3
	FOOT	FOOT	TON	SQ YD	SQ YD	SQ YD
I-70 WESTBOUND						
LT STA 1550+66 TO 1553+27				286		
LT STA 1550+71 TO 1551+65					70	56
LT STA 1552+12 TO 1553+27					108	86
LT STA 1564+35 TO 1564+46				26	21	17
LT STA 1621+11 TO 1621+59	48					
LT STA 1642+83 TO 1643+19				12	38	30
LT STA 1643+17 TO 1643+65		49	24.5			
LT STA 1648+74 TO 1649+08	35					
LT STA 1677+05 TO 1677+61				33	60	48
LT STA 1688+44 TO 1689+75				78	146	117
RT STA 1702+70 TO LT 1704+26				100	179	143
LT STA 1716+37 TO 1717+08				50	81	65
RT STA 1717+86 TO 1718+01					21	17
RT STA 1719+70 TO 1720+72				68	129	103
LT STA 1723+99 TO 1724+98				61	114	91
LT STA 1741+08 TO 1741+25	17					
LT STA 1765+55 TO 1766+01		52	26			
LT STA 1778+06 TO 1778+42		38	19			
LT STA 1781+95 TO 1782+31		55	27.5			
LT STA 1795+57 TO 1797+17	173					
LT STA 1796+68 TO 1797+08				24	31	25
LT STA 1798+69 TO 1799+55				403		
LT STA 1799+48 TO 1803+04	362					
LT STA 1812+62 TO 1814+09				98		
LT STA 1827+60 TO 1827+88		65	32.5			
LT STA 1873A+38 TO 1878A+37				703	555	444
RT STA 1876A+80 TO 1878A+24				78	159	127
LT STA 1889A+62 TO 1890A+58				66	108	86
LT STA 1899A+34 TO 1899A+96	63					
LT STA 1918A+27 TO 1920A+32				139		
LT STA 1919A+51 TO 1919A+93				34	46	37
LT STA 1977+61 TO 1978+41				96	94	75
LT STA 1985+15 TO 1986+34				78	133	106
LT STA 1989+85 TO 1990+54				68	76	61
I-70 WESTBOUND TOTAL	698	259	129.5	2501	2169	1734
PROJECT TOTAL	864	623	312	5227	5082	4063



DETAIL OF AGGREGATE DITCH



DETAIL OF RIPRAP, CLASS 3

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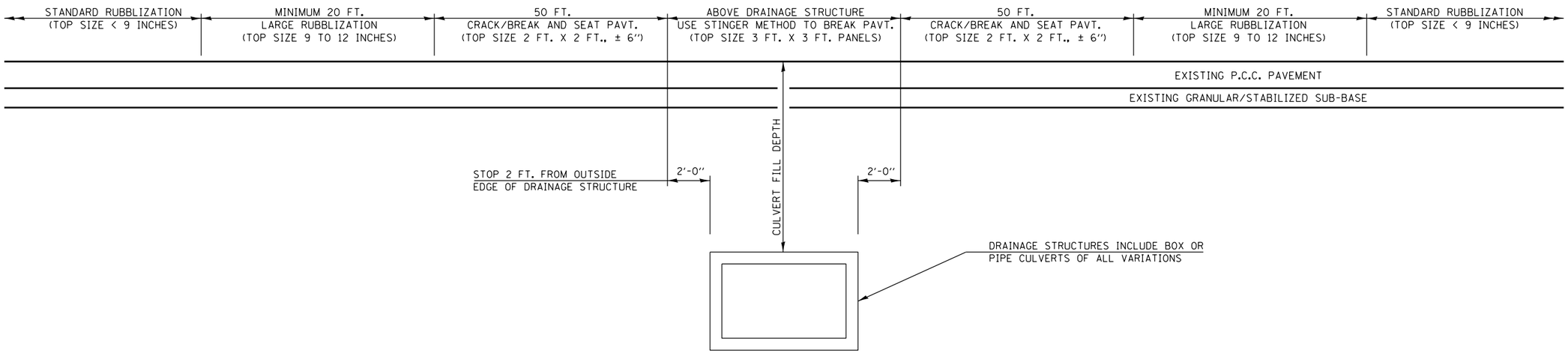
RIPRAP DETAILS

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	205
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

RUBBLIZATION AT DRAINAGE STRUCTURES
FOR CULVERT FILL DEPTH EQUAL TO OR LESS THAN 8 FT.

(USE STANDARD RUBBLIZATION WITH C.F.D. GREATER THAN 8 FT.)



NOTES

THE TABLE PROVIDED ON THIS SHEET IS A LIST OF STRUCTURES KNOWN TO EXIST AT THE TIME THE PLANS WERE COMPLETED THAT LIE WITHIN THE LIMITS OF THIS SECTION AND HAVE FILL DEPTHS EQUAL TO OR LESS THAN 8 FT.

ESTIMATED FILL DEPTHS PROVIDED REPRESENT THE DIFFERENCE IN ELEVATION FROM THE EXISTING TOP OF EDGE OF PAVEMENT TO THE TOP OF THE CULVERT.

USE OF VIBRATORY ROLLERS IS ALLOWED OVER ALL DRAINAGE STRUCTURES.

THIS WORK TO BE PAID FOR BY THE SQUARE YARD AS RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT. SEE SPECIAL PROVISIONS.

STRUCTURE TABLE

STRUCTURE NUMBER	STATION	LOCATION	ESTIMATED FILL DEPTH (FT.)	DESCRIPTION
025-8687	1592+76	WB	6.9	1 @ 6'x3' BOX
025-8687	1592+76	EB	8.0	1 @ 6'x3' BOX
	1606+00	WB	6.2	1 @ 24" RCCP
	1766+10	EB	7.2	1 @ 36" RCCP
	1766+10	WB	7.1	1 @ 36" RCCP
	1779+00	EB	5.3	1 @ 24" RCCP
	1934+15	EB	7.3	1 @ 24" RCCP
	1965+13	EB	7.2	1 @ 30" RCCP
	1965+13	WB	4.2	1 @ 30" RCCP

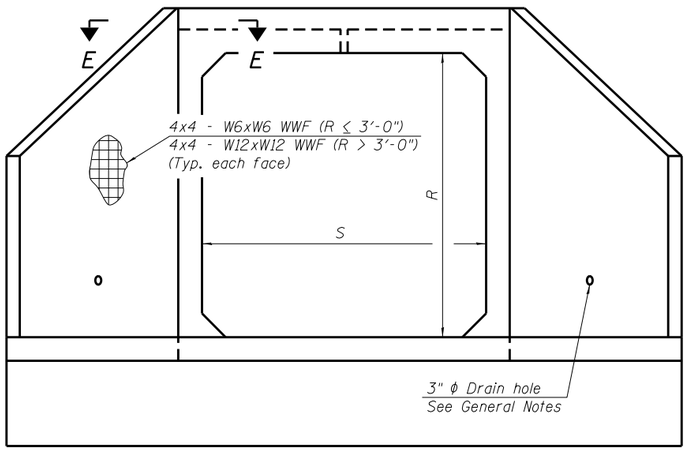
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

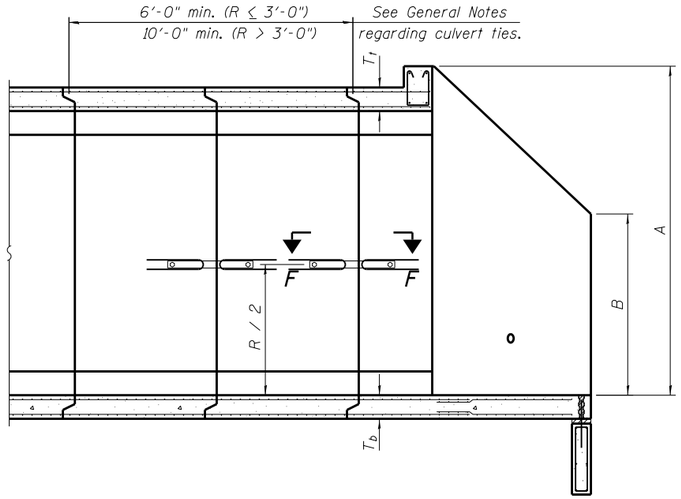
RUBBLIZING PCC PAVEMENT OVER SHALLOW CULVERTS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

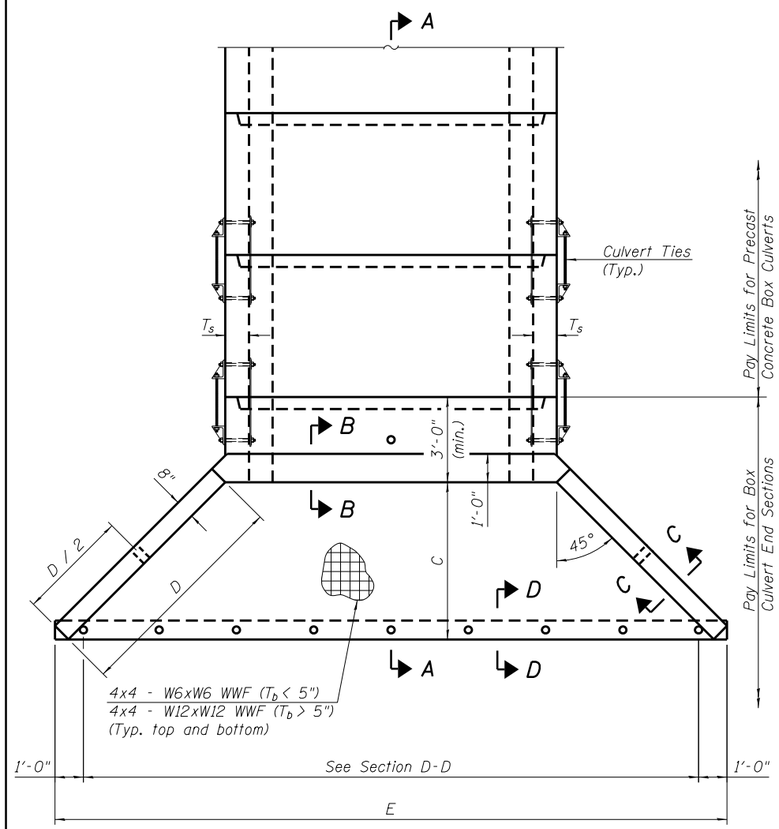
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	206
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



END VIEW



SECTION A-A



PLAN

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than $\frac{1}{2}$" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire fabric (WWF). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in area of reinforcement equal to or greater than that provided by the WWF. Minimum lap lengths detailed herein are applicable to WWF and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.

Reinforcement bars designated (E) shall be epoxy coated.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	T_t	T_b	T_s	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	10'-4 5/8"	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 7/8"	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 5/8"	5'-6"	12-4 5/8"	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 7/8"	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 1/2"	2'-2 1/2"	2'-11 3/8"	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8 1/2"	3'-10"	11'-2 3/8"	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 1/2"	2'-8 1/2"	3'-11 3/8"	5'-7"	13'-8 1/8"	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 1/2"	5'-3"	13'-2 3/8"	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 1/2"	3'-2 1/2"	4'-11 3/8"	7'-0"	15'-8 1/8"	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 5/8"	6'-8"	15'-2 1/2"	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 1/4"	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 3/8	5'-7"	14'-10 1/8"	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 1/4"	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	16'-10 1/8"	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 1/4"	6'-9"	16'-5 7/8"	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	18'-10 1/8"	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9 1/4"	8'-2"	18'-5 7/8"	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10 5/8"	4'-1"	13'-10 5/8"	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	16'-0 1/8"	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10 5/8"	5'-6"	15'-10 5/8"	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	18'-0 1/8"	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10 3/4"	6'-11"	17'-10 3/4"	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	20'-0 1/8"	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10 3/4"	8'-4"	19'-10 3/4"	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	22'-0 1/4"	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10 3/4"	9'-9"	21'-10 3/4"	9.3	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	19'-2 1/8"	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	21'-2 1/8"	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	23'-2 1/4"	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 3/8"	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 3/8"	5'-7"	18'-2 1/8"	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 3/8"	7'-0"	20'-2 1/8"	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 3/8"	8'-5"	22'-2 1/8"	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 1/2"	9'-10"	24'-2 1/4"	11.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0 7/8"	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0 1/8"	9'-11"	25'-5 5/8"	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1 1/2"	4'-5"	18'-10 1/4"	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1 1/2"	5'-10"	20'-10 1/4"	8.6	No
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1 1/2"	8'-8"	24'-10 3/8"	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1 1/2"	10'-1"	26'-10 3/8"	13.9	Yes
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2 1/4"	7'-4"	24'-1 3/4"	11.5	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2 1/4"	10'-2"	28'-1 7/8"	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3 5/8"	4'-8"	21'-6 1/2"	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3 5/8"	6'-1"	23'-6 1/2"	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3 5/8"	7'-6"	25'-6 5/8"	13.0	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3 5/8"	10'-4"	29'-6 5/8"	17.4	Yes

Note:

Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

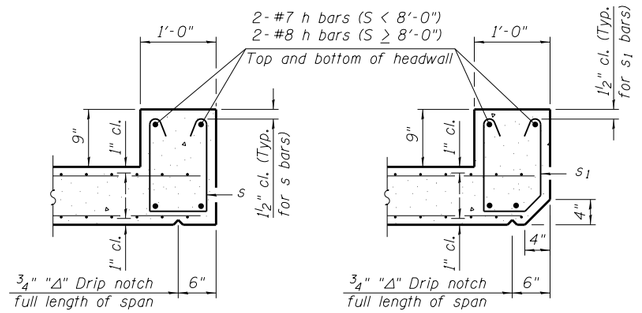
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PRECAST CONCRETE BOX CULVERT APRON END SECTION DETAILS
CULVERT NO. 1 STA. 1592+44 (SN 025-8687)

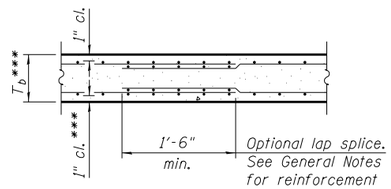
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		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		



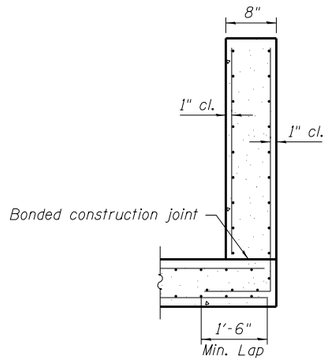
SECTION B-B
(Top slab at downstream end)

SECTION B-B
(Top slab at upstream end)

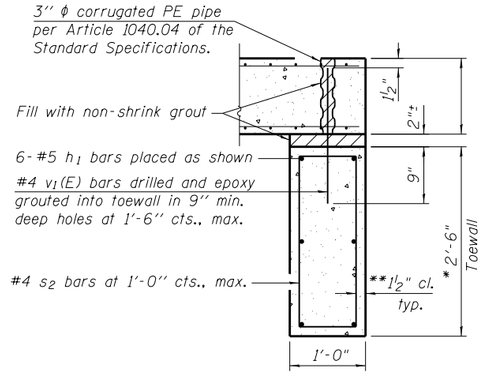


SECTION B-B
(Bottom Slab)

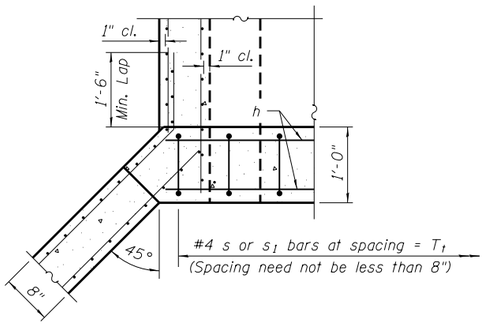
*** This dimension shall be increased by 2" for CIP construction.



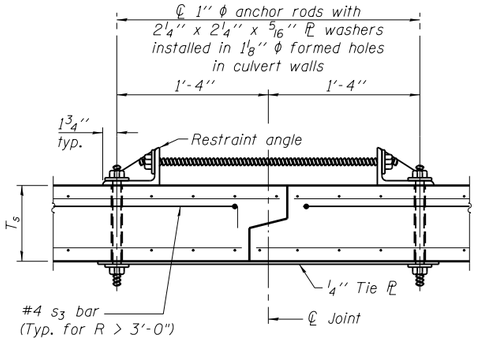
SECTION C-C



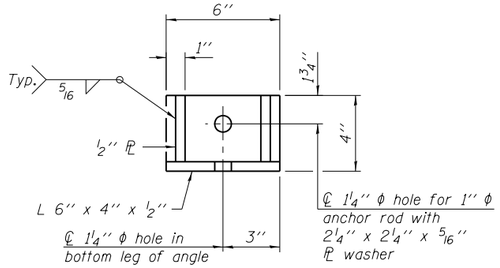
SECTION D-D



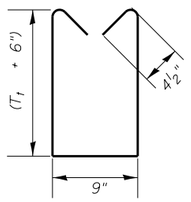
SECTION E-E



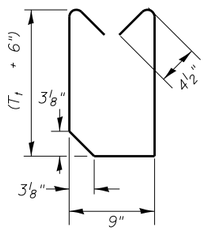
SECTION F-F
(Showing culvert tie details)



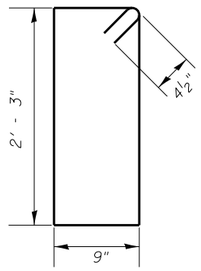
RESTRAINT ANGLE DETAIL



BAR s



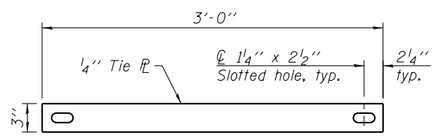
BAR s1



BAR s2



BAR s4



TIE PLATE DETAIL

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

Notes:

1" ϕ anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2¼"x2¼"x5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods installed in the sidewalls of the culvert shall be tightened per Article 505.04(f)2(d) of the Standard Specifications. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

Alternate culvert ties similar in strength and stiffness to the plan details may be provided by the Contractor. Alternate culvert ties shall be subject to the approval of the Engineer.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

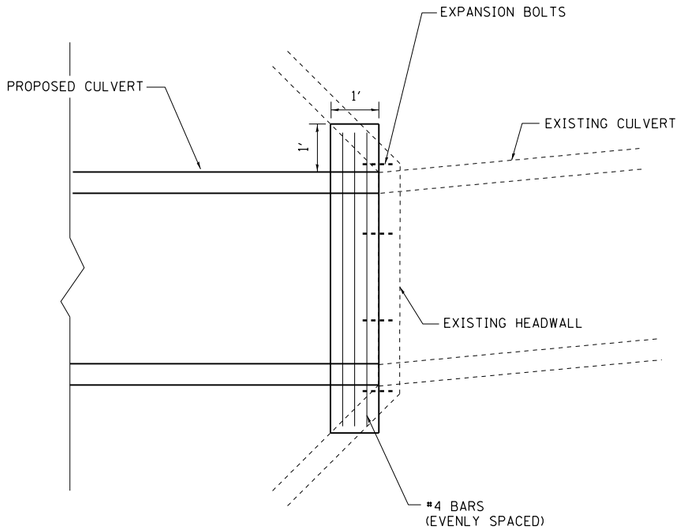
PRECAST CONCRETE BOX CULVERT APRON END SECTION DETAILS
CULVERT NO. 1 STA. 1592+44 (SN 025-8687)

SCALE: | SHEET OF SHEETS | STA. | TO STA.

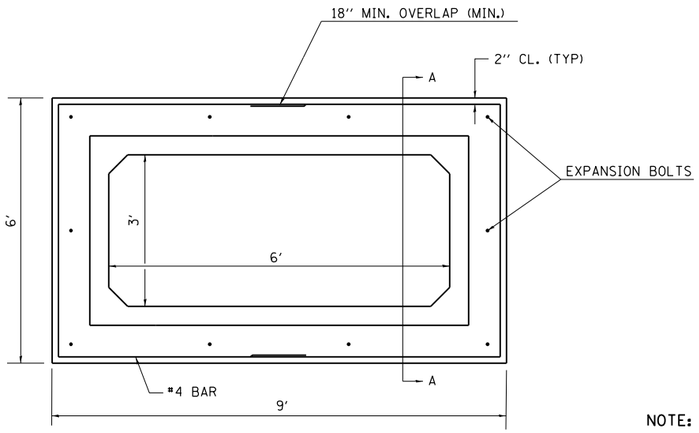
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	208
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

BOX CULVERT CONCRETE COLLAR DETAIL AT STA 1592+44

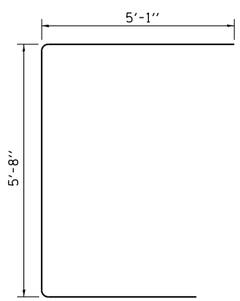
COLLAR PLAN VIEW



CULVERT & COLLAR END SECTION



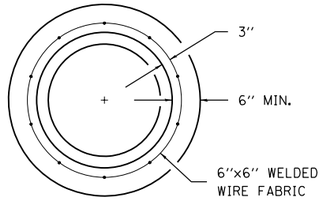
BAR DETAIL



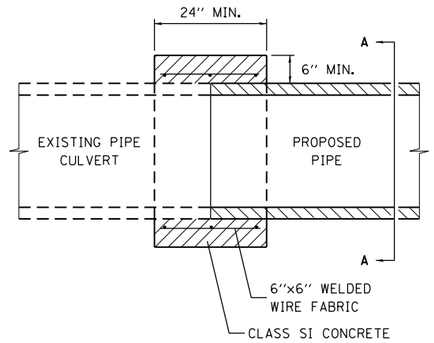
NOTE: EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELDS AND 3/4'' DIAMETER HOOKED BOLTS IN ACCORDANCE WITH SECTION 1006.09. HOOKED BOLTS SHALL EXTEND A MINIMUM 6'' INTO NEW CONCRETE.

WINGWALLS SHALL BE REMOVED WHERE NECESSARY TO FIT THE PROPOSED BOX CULVERT AND CONCRETE COLLAR AGAINST THE EXISTING BOX CULVERT. THIS WORK SHALL BE INCIDENTAL TO THE CONCRETE COLLAR.

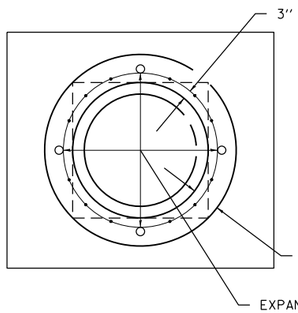
EXISTING PIPE CULVERT WITHOUT HEADWALLS
(TO BE USED WITH UNLIKE DIAMETERS & MATERIALS.)



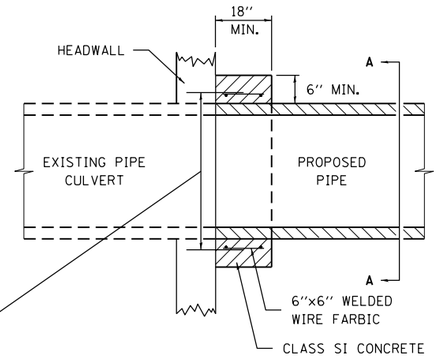
SECTION A-A



EXISTING PIPE CULVERT OR BOX CULVERT WITH HEADWALLS



SECTION A-A



NOTE: EXPANSION BOLTS SHALL CONSIST OF SELF-DRILLING EXPANSION SHIELDS AND 3/4'' DIAMETER HOOKED BOLTS IN ACCORDANCE WITH SECTION 1006.09. HOOKED BOLTS SHALL EXTEND A MINIMUM 6'' INTO NEW CONCRETE.

WELDED WIRE FABRIC SHALL BE INCIDENTAL TO THE CONCRET COLLAR

WINGWALLS SHALL BE REMOVED WHERE NECESSARY TO FIT THE PROPOSED PIPE AGAINST THE EXISTING PIPE CULVERT. THIS WORK SHALL BE INCIDENTAL TO THE CONCRETE COLLAR

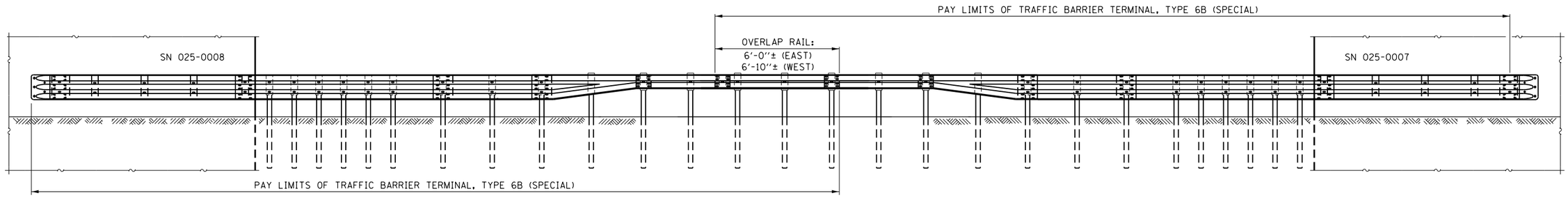
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CONCRETE COLLAR

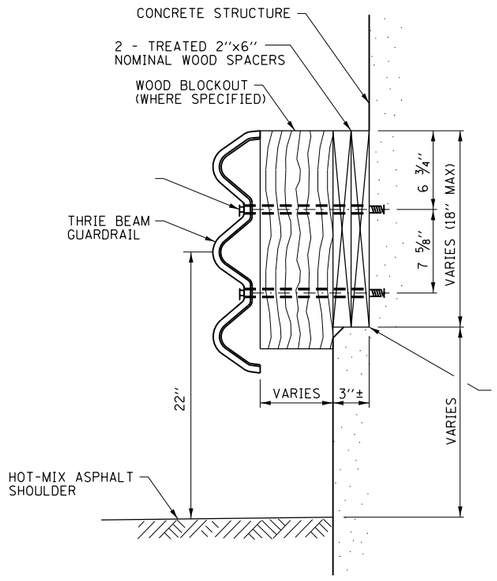
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

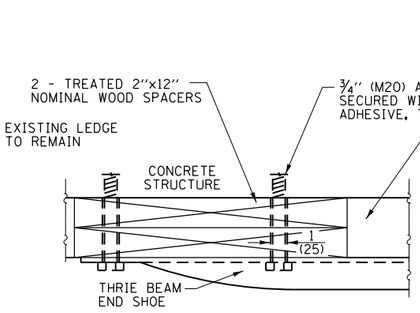


ELEVATION

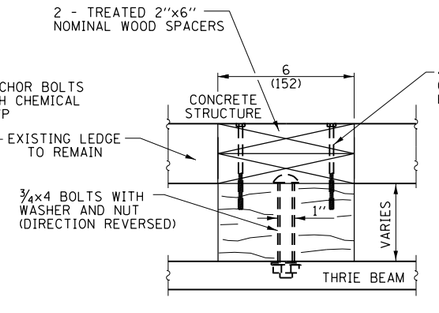
IL ROUTE 128 TRAFFIC BARRIER TERMINAL OVERLAP DETAIL



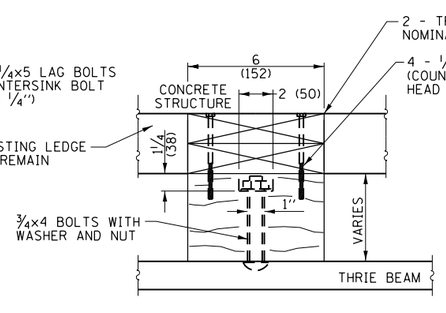
PROFILE VIEW



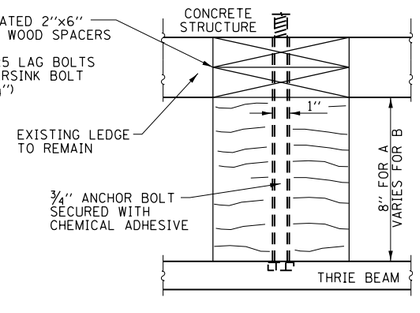
END SHOE



WOOD BLOCKOUT D



WOOD BLOCKOUT C



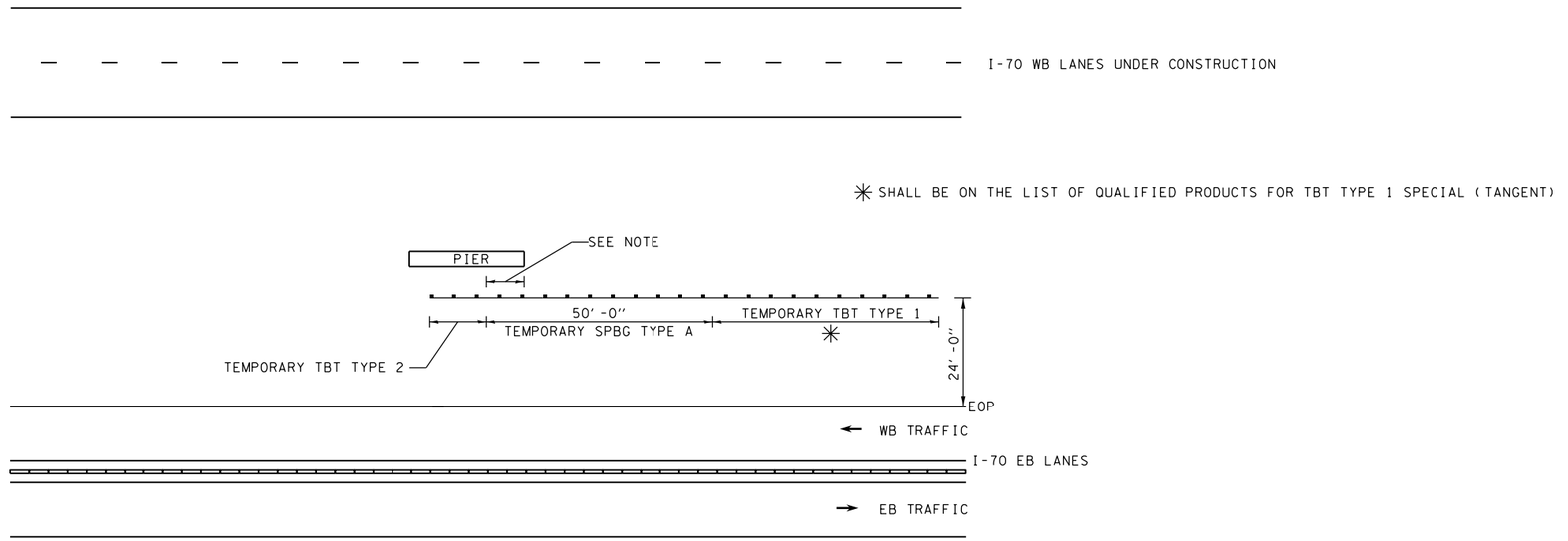
WOOD BLOCKOUT A & B

TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL) DETAILS

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

STAGE 2: TEMPORARY GUARDRAIL LOCATIONS FOR CENTER PIERS

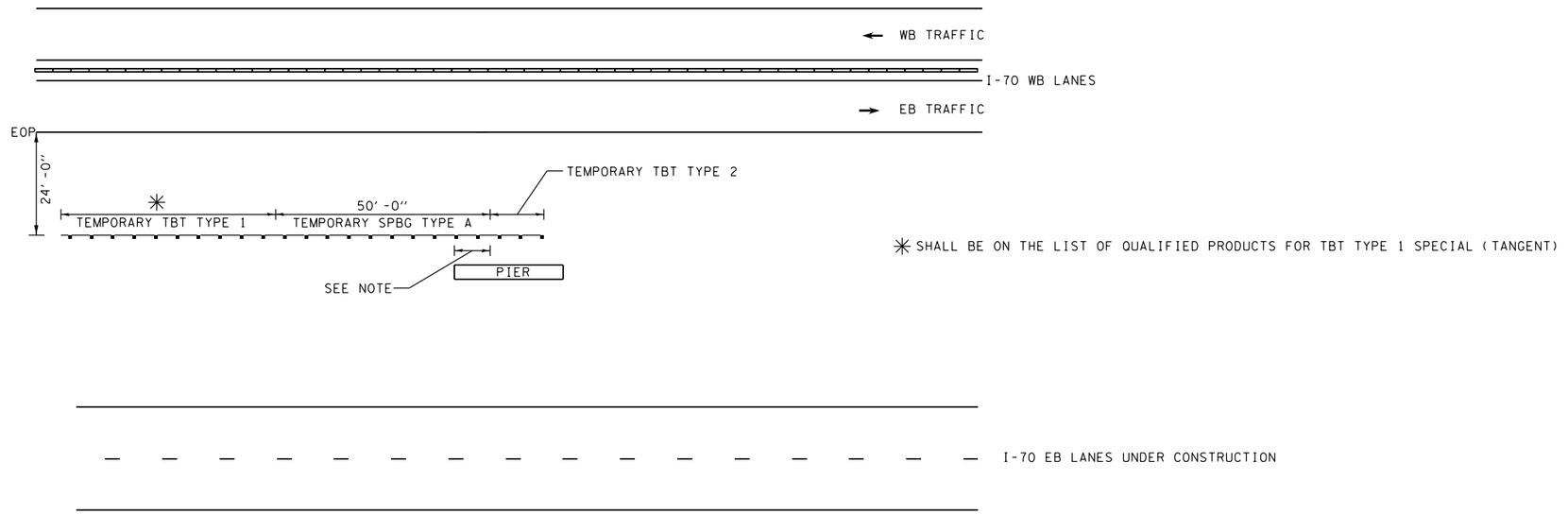
SN 025-0057
SN 025-0058
SN 025-0059
SN 025-0045



NOTE:	LENGTH
SN 025-0057	8'-3"
SN 025-0058	8'-3"
SN 025-0059	8'-3"
SN 025-0045	4'-3"

STAGE 3: TEMPORARY GUARDRAIL LOCATIONS FOR CENTER PIERS

SN 025-0057
SN 025-0058
SN 025-0059
SN 025-0045



NOTE:	LENGTH
SN 025-0057	8'-3"
SN 025-0058	8'-3"
SN 025-0059	8'-3"
SN 025-0045	4'-3"

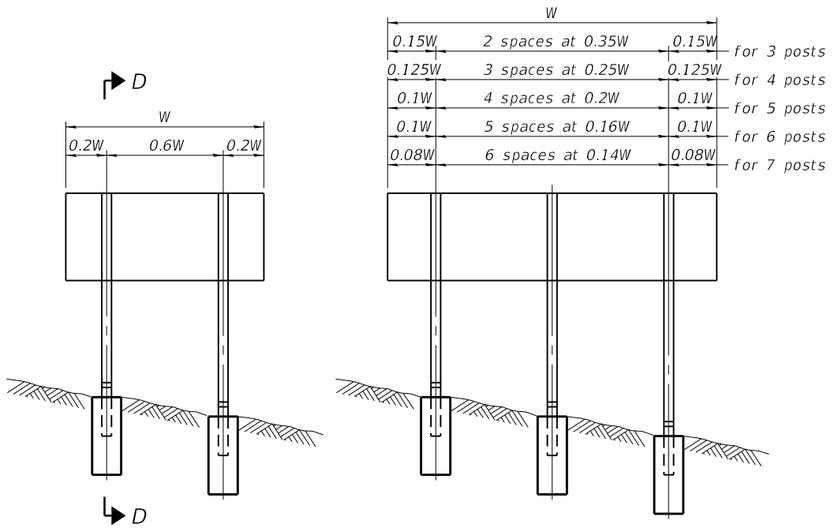
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

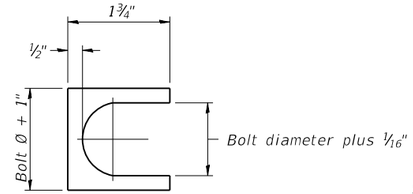
TEMPORARY GUARDRAIL DETAIL

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

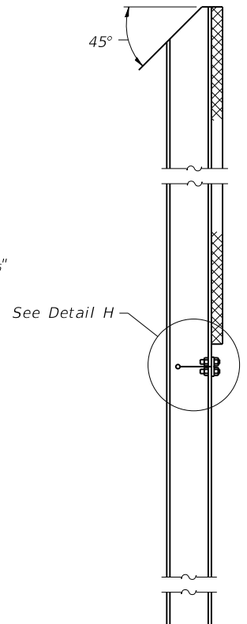


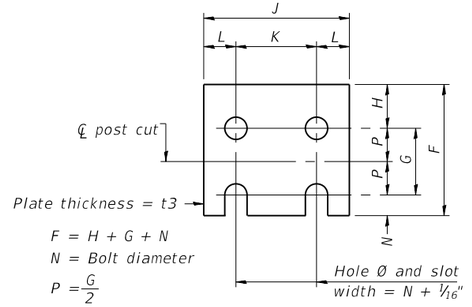
ELEVATION



SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

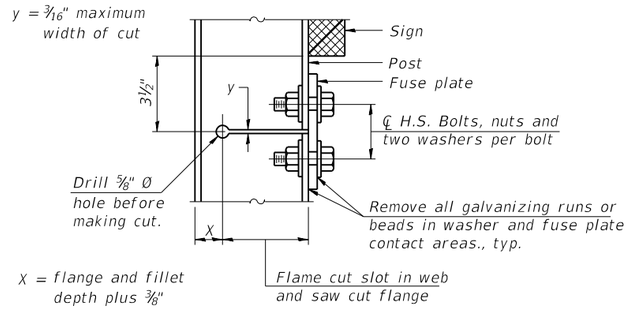




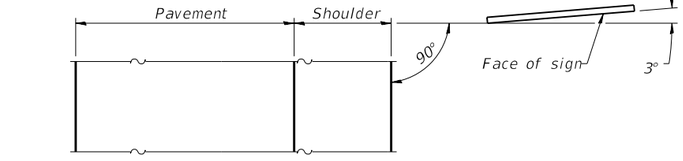
FUSE PLATE DETAIL

(Install with notches down.)

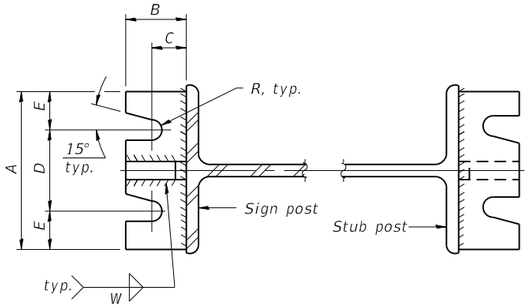
FUSE PLATE DATA		
N = Bolt Diameter	G	H
½"	2"	1⅛"
⅝"	2¼"	1¼"
¾"	2½"	1⅜"
⅞"	2¾"	1½"
1"	3"	1⅝"
1⅛"	3¼"	1¾"
1¼"	3½"	1⅞"



DETAIL H

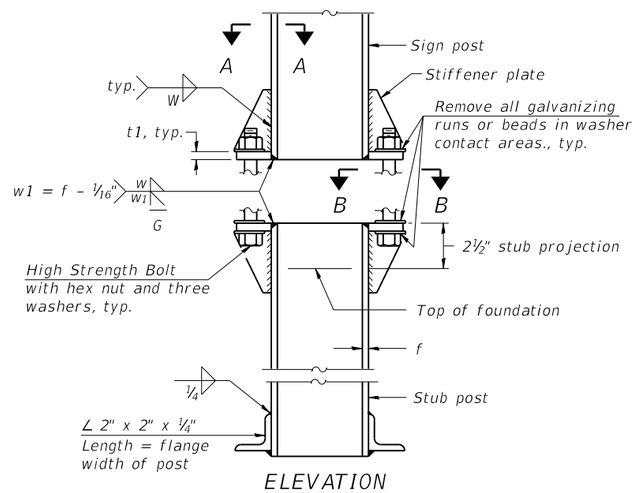


LOCATION SKETCH

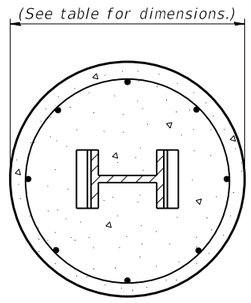


SECTION A–A

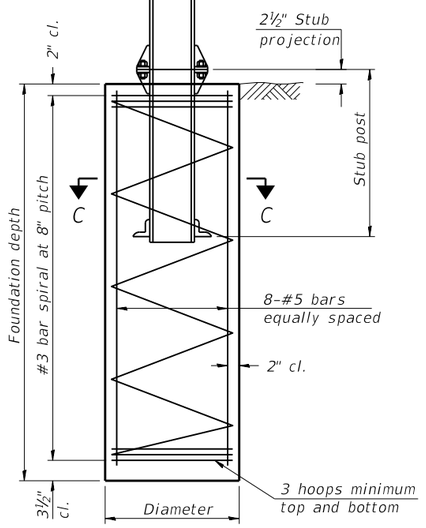
SECTION B–B



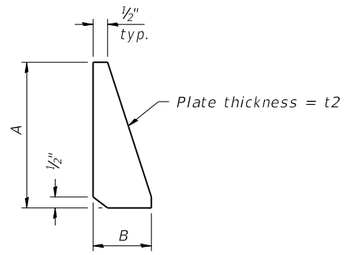
ELEVATION SIGN POST & STUB POST



SECTION C–C



SECTION D–D



STIFFENER PLATE DETAIL

Diameter

GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
Structural steel – 20,000 p.s.i.
Reinforcing steel – 20,000 p.s.i.
Concrete – 1,400 p.s.i.
Footing soil pressure – 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

BAW-A-1 2-17-2017

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS

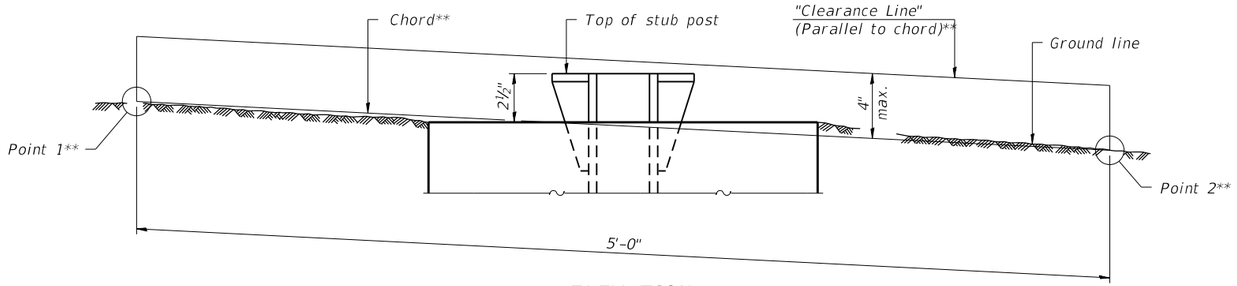
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	212
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

POST	CONCRETE FOUNDATION TABLE								POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA			
	Foundation			Reinforcement				Stub Post														
	Diameter	* Minimum Depth	Concrete (1) cu. yds.)	Vertical Bars Length	Bar Spirals Diameter	Bar Spirals Length	lbs. (2)	Length	Bolt Size	A	B	C	D	E	t1	t2	R	W	J	K	L	t3
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-3"	⅝" x 3¼"	6"	2¼"	1¼"	3½"	1¼"	¾"	½"	11/32"	¼"	4"	2¼"	⅞"	¼"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-6"	⅝" x 3¼"	6"	2¼"	1¼"	3½"	1¼"	¾"	½"	11/32"	¼"	6"	3½"	1¼"	⅜"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-6"	¾" x 3¾"	6"	2½"	1⅜"	3¼"	1⅜"	1"	½"	13/32"	5/16"	5¼"	2¾"	1¼"	⅜"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2½"	105'-0"	92	3'-0"	¾" x 3¾"	6"	2½"	1⅜"	3¼"	1⅜"	1"	½"	13/32"	5/16"	5¾"	2¾"	1½"	½"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2½"	112'-0"	98	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	15/32"	⅜"	5¾"	2¾"	1½"	⅝"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2½"	119'-0"	107	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	15/32"	⅜"	6½"	3½"	1½"	⅝"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8½"	145'-0"	113	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	15/32"	⅜"	6¾"	3½"	1⅝"	½"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8½"	153'-0"	122	3'-6"	1" x 4½"	7½"	3"	1¾"	4"	1¾"	1¼"	¾"	17/32"	⅜"	6¾"	3½"	1⅝"	½"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8½"	162'-0"	130	3'-6"	1" x 4½"	7½"	3"	1¾"	4"	1¾"	1¼"	¾"	17/32"	⅜"	7"	3½"	1¾"	½"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																			
	Sign Height																			
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"
W6x9	½" x 1½"	½" x 1½"	½" x 1½"	½" x 1½"	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——	——
W6x15	½" x 1¾"	½" x 1¾"	½" x 1¾"	⅝" x 2"	⅝" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	——	——	——	——	——	——	——	——	——	——	——	——
W8x18	½" x 1¾"	½" x 1¾"	½" x 1¾"	½" x 1¾"	⅝" x 2"	⅝" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	——	——	——	——	——	——	——	——	——	——	——
W10x22	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2"	⅝" x 2"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	——	——	——	——	——	——	——	——
W10x26	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	——	——	——	——	——	——	——
W12x26	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	——	——	——	——	——	——
W14x30	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2"	⅝" x 2"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	——	——	——	——
W14x38	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2½"	¾" x 2½"	¾" x 2½"	¾" x 2½"	⅞" x 2½"	⅞" x 2½"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"
W16x45	——	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2½"	¾" x 2½"	⅞" x 2½"	⅞" x 2½"	⅞" x 2½"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1" x 2¾"



ELEVATION
GROUND LINE & STUB POST

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

(1) Quantity includes all concrete necessary for one foundation.

(2) Includes reinforcement bars and spiral hooping for one foundation.

BAW-A-2 2-17-2017

(Sheet 2 of 2)

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE STEEL SIGN POST TABLES

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	213
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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

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

605
600
595

605.05

1:3

1:4

510.

596.44

C=80 F=11
X=15 T=15

1554 + 00.00

605
600

1:4

C=0 F=0
X=1 T=1

1553 + 00.00

C=CUT F=FILL
X=TOPSOIL EXCAVATION
T=TOPSOIL PLACEMENT

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1551+00.00 TO STA. 1554+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	214
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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

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

610 605 600 595

607.0 1:3 1:4 S.D. 597.37

C=88 F=21 X=17 T=18

1557 + 00.00

603.82 1:3 1:4 S.D. 597.06

C=106 F=12 X=21 T=20

1556 + 00.00

607.9 1:3 1:4 S.D. 596.75

C=115 F=12 X=18 T=20

1555 + 00.00

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1555+00.00 TO STA.1557+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	215

CONTRACT NO. 74664

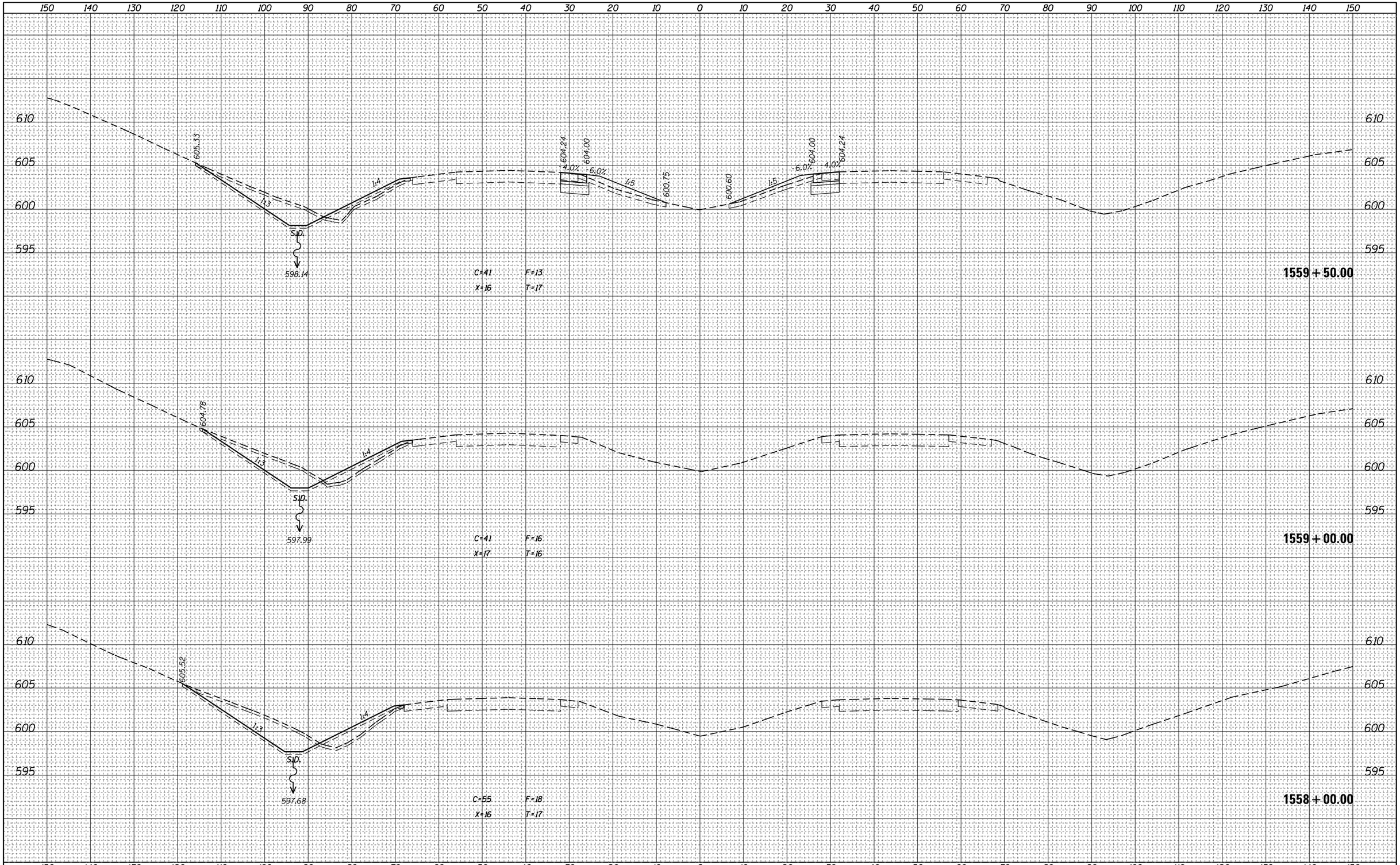
ILLINOIS FED. AID PROJECT

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

BY	DATE

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

BY	DATE



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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1558+00.00 TO STA. 1559+50.00

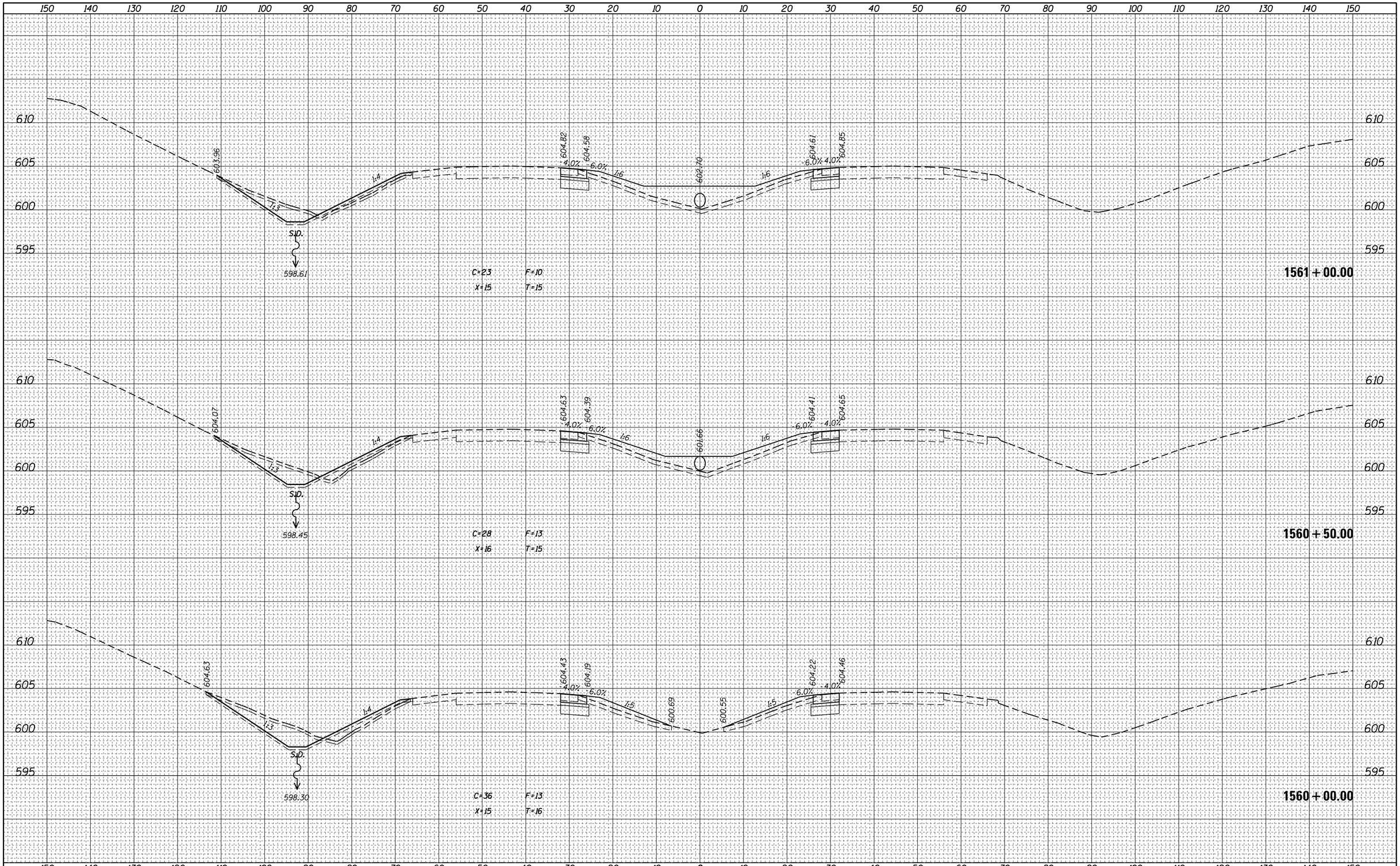
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	216
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE

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

BY	DATE



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		DRAWN -	REVISED -
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

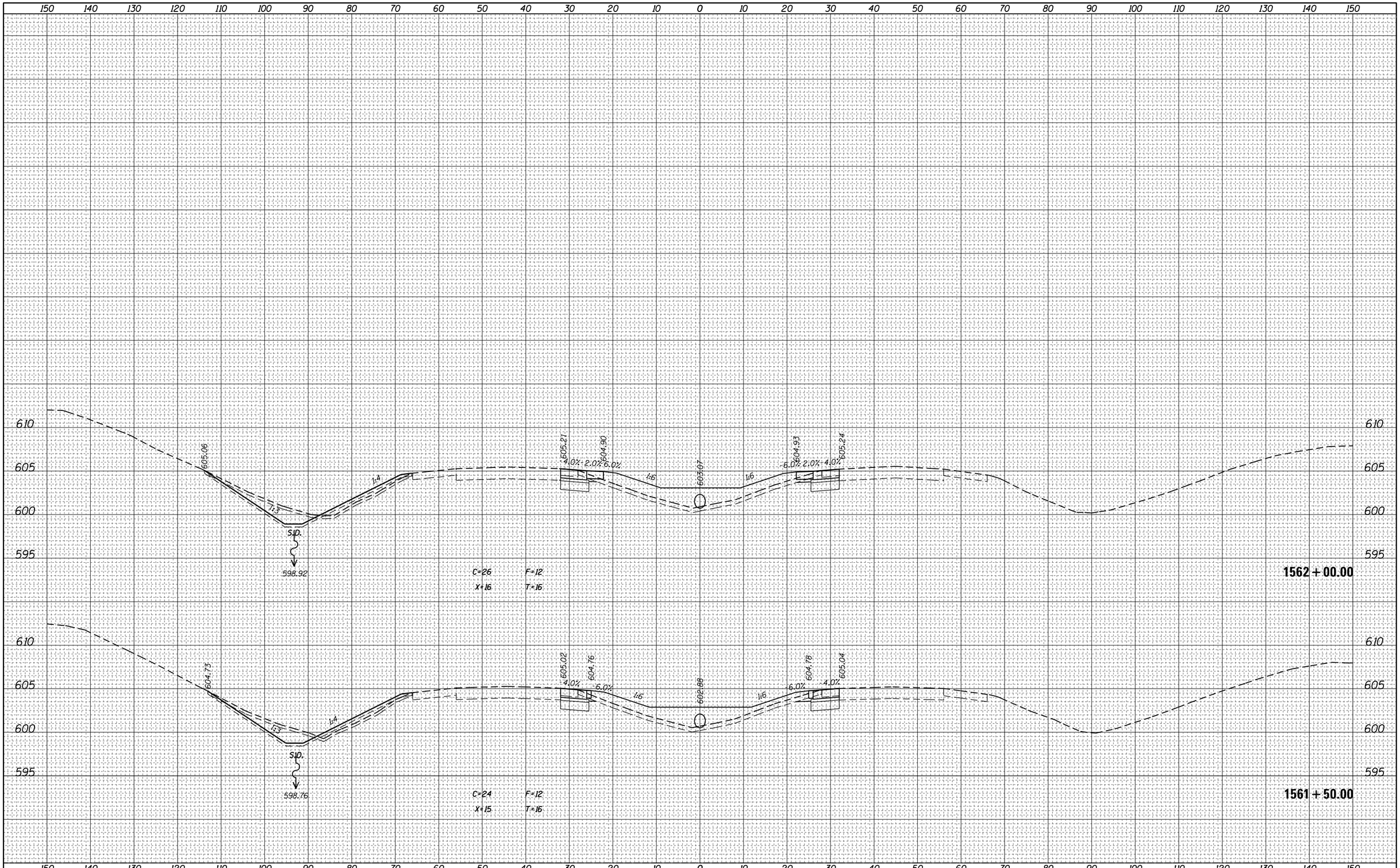
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1560+00.00 TO STA.1561+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	217
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

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



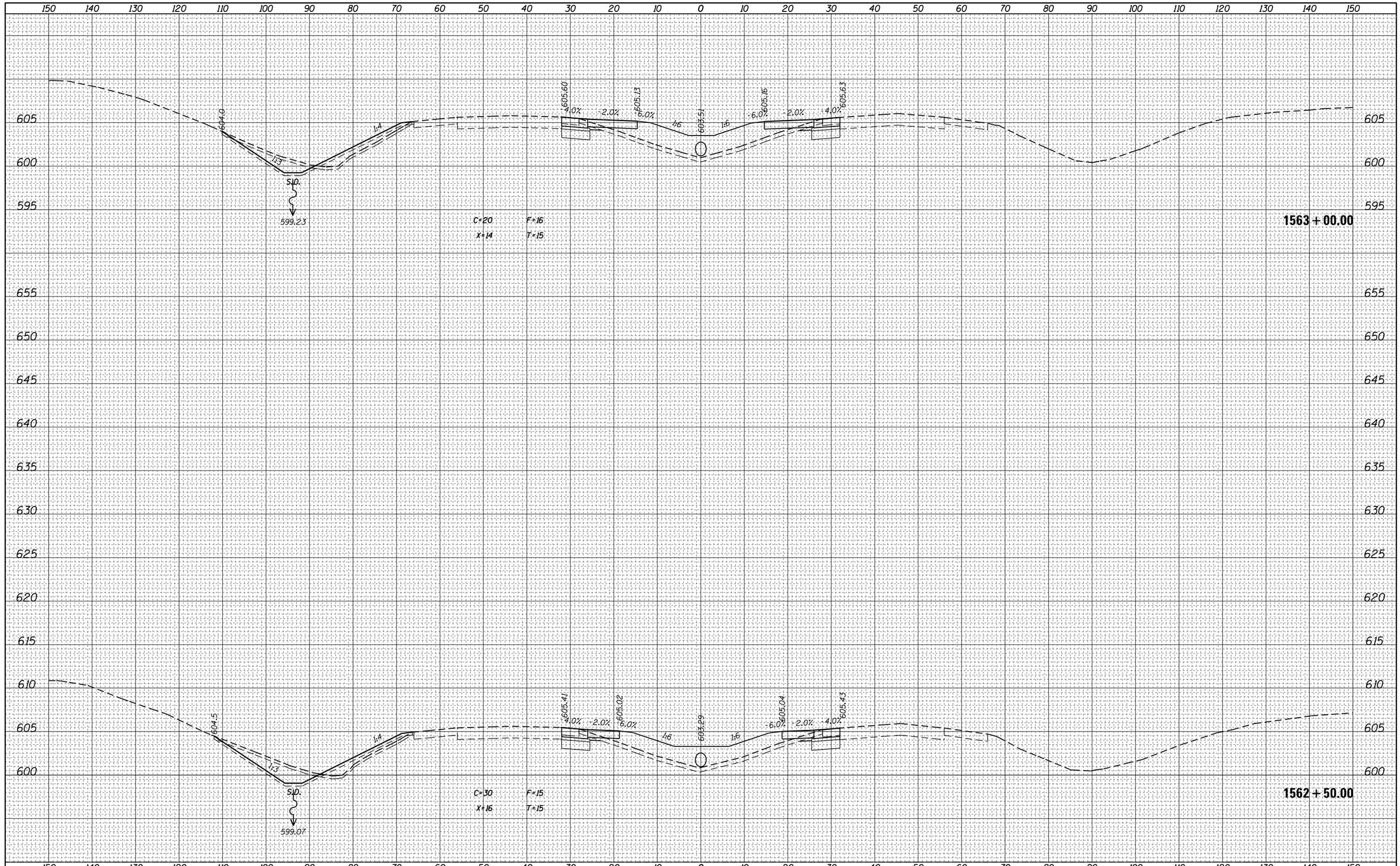
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	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1561+50.00 | TO STA. 1562+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	218
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		



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

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

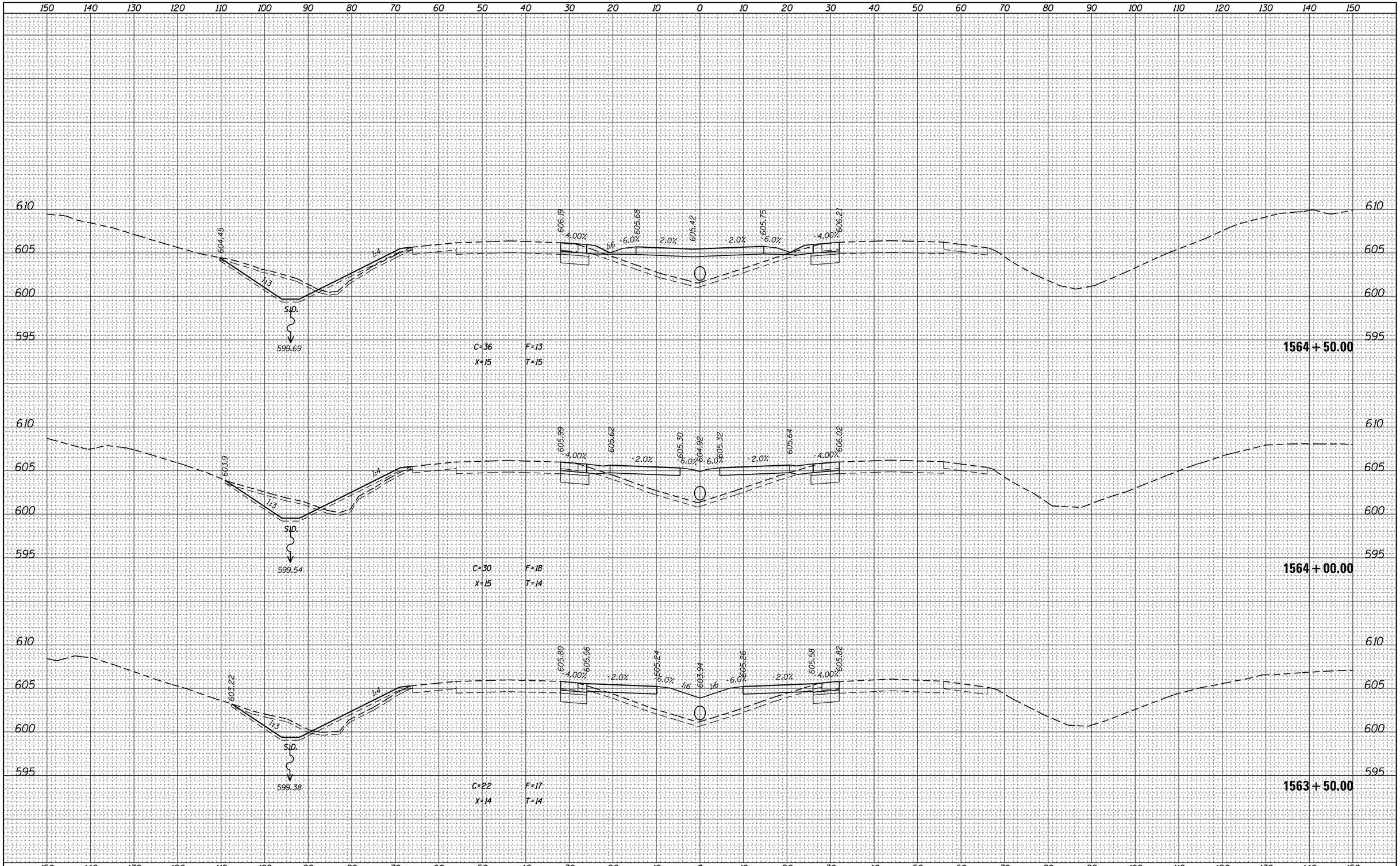
CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1562+50.00 TO STA. 1563+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	219
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE



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

BY	DATE

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1563+50.00 TO STA.1564+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	220
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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

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

610 605 600 595

604.34 606.77 606.40 606.08 605.68 606.06 606.38 606.80

4.00% 6.0% 2.0% 6.0% 6.0% 2.0% 6.0% 4.00%

1:4 1:3

S.D. 600.16

C=24 F=16
X=14 T=14

1566 + 00.00

610 605 600 595

604.25 606.58 606.09 605.81 606.11 606.60

4.00% 6.0% 2.0% 2.0% 6.0% 4.00%

1:6 1:6

1:4 1:3

S.D. 600.01

C=22 F=12
X=14 T=14

1565 + 50.00

610 605 600 595

604.56 606.36 605.79 605.62 605.85 606.41

4.00% 1:10 6.0% 2.0% 2.0% 6.0% 1:5.6 4.00%

1:4 1:3

S.D. 599.85

C=28 F=11
X=15 T=15

1565 + 00.00

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1565+00.00 TO STA. 1566+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	221
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

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

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

610 605 600 595

605.13 1:4 1:1 SID. 600.62 C=27 F=15 X=15 T=15 607.36 4.0% 2.0% 606.98 6.0% 1:6 605.21 1:6 6.0% 607.00 2.0% 4.0% 607.38

1567 + 50.00

605.37 1:4 1:1 SID. 600.47 C=31 F=18 X=15 T=15 607.16 4.0% 2.0% 606.69 6.0% 1:6 606.36 1:6 6.0% 606.72 2.0% 4.0% 607.19

1567 + 00.00

605.16 1:4 1:1 SID. 600.31 C=27 F=17 X=15 T=15 606.97 4.00% 606.73 2.0% 606.41 6.0% 1:6 605.51 1:6 6.0% 606.43 2.0% 606.75 4.00% 606.99

1566 + 50.00

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

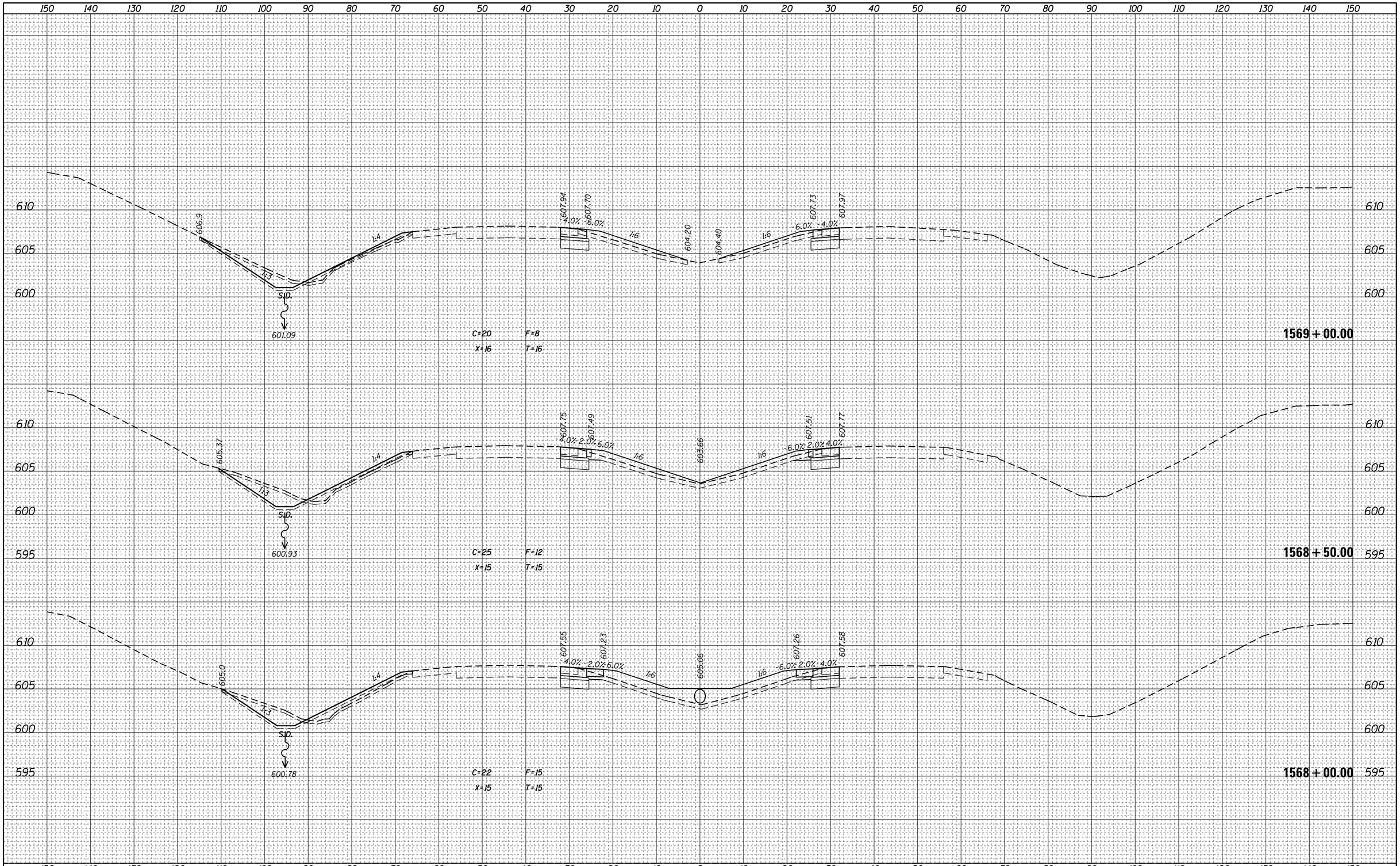
CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1566+50.00 TO STA. 1567+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	222
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

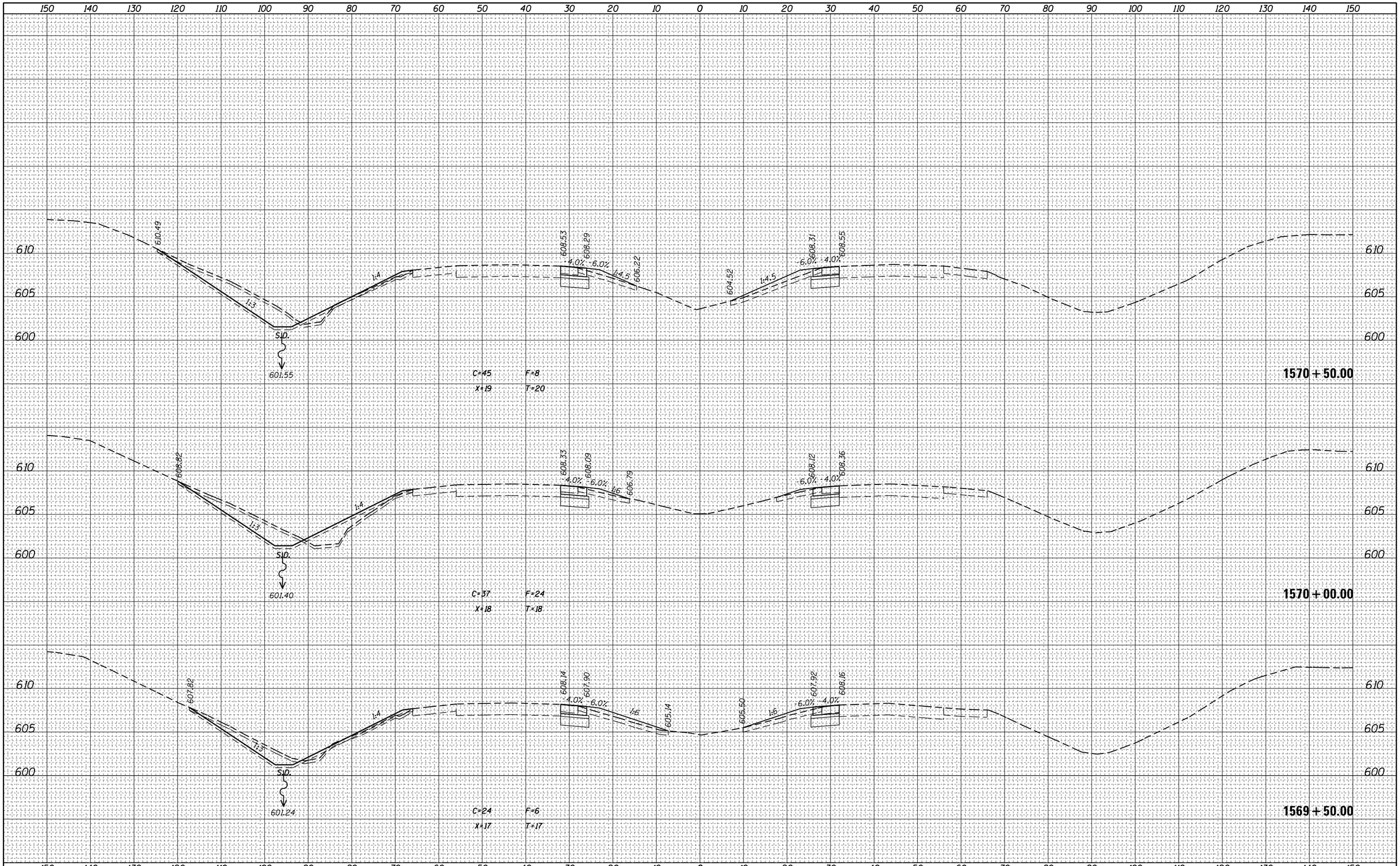
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1568+00.00 TO STA.1569+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	223
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE



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

BY	DATE

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1569+50.00 TO STA.1570+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	224
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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

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

610 605 600 615

610.77 612.18 611.8

1:3 1:4

S.D.

602.33 602.02 601.71

C=41 F=5 X=19 T=19

C=53 F=5 X=22 T=21

C=54 F=4 X=21 T=21

1573 + 00.00

1572 + 00.00

1571 + 00.00

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1571+00.00 TO STA. 1573+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	225
		CONTRACT NO. 74664		
		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

610
605
600

610.92
1:3
1:4
S.D.
603.26

C=38 F=7
X=19 T=19

1576 + 00.00

611.2
1:3
1:4
S.D.
602.95

C=45 F=7
X=20 T=19

1575 + 00.00

611.90
1:3
1:4
S.D.
602.64

C=50 F=5
X=21 T=20

1574 + 00.00

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

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

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1574+00.00 TO STA. 1576+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	226
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE

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

BY	DATE

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

615 610 605 600

609.70 1:3 S.D. 604.39 1:4 612.39 1.50% 612.57 1.50% 612.39 1:4 608.06

C=30 F=31
X=24 T=20

609.1 1:4 612.34 1.50% 612.52 1.50% 612.34 1:4 607.28

C=0 F=16
X=12 T=8

1579 + 00.00

609.77 1:3 S.D. 603.88 1:4

C=28 F=24
X=18 T=16

610.33 1:4 607.86

C=0 F=9
X=12 T=4

1578 + 00.00

610.32 1:3 S.D. 603.57 1:4

C=32 F=12
X=18 T=18

C=0 F=6
X=5 T=3

1577 + 00.00

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

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

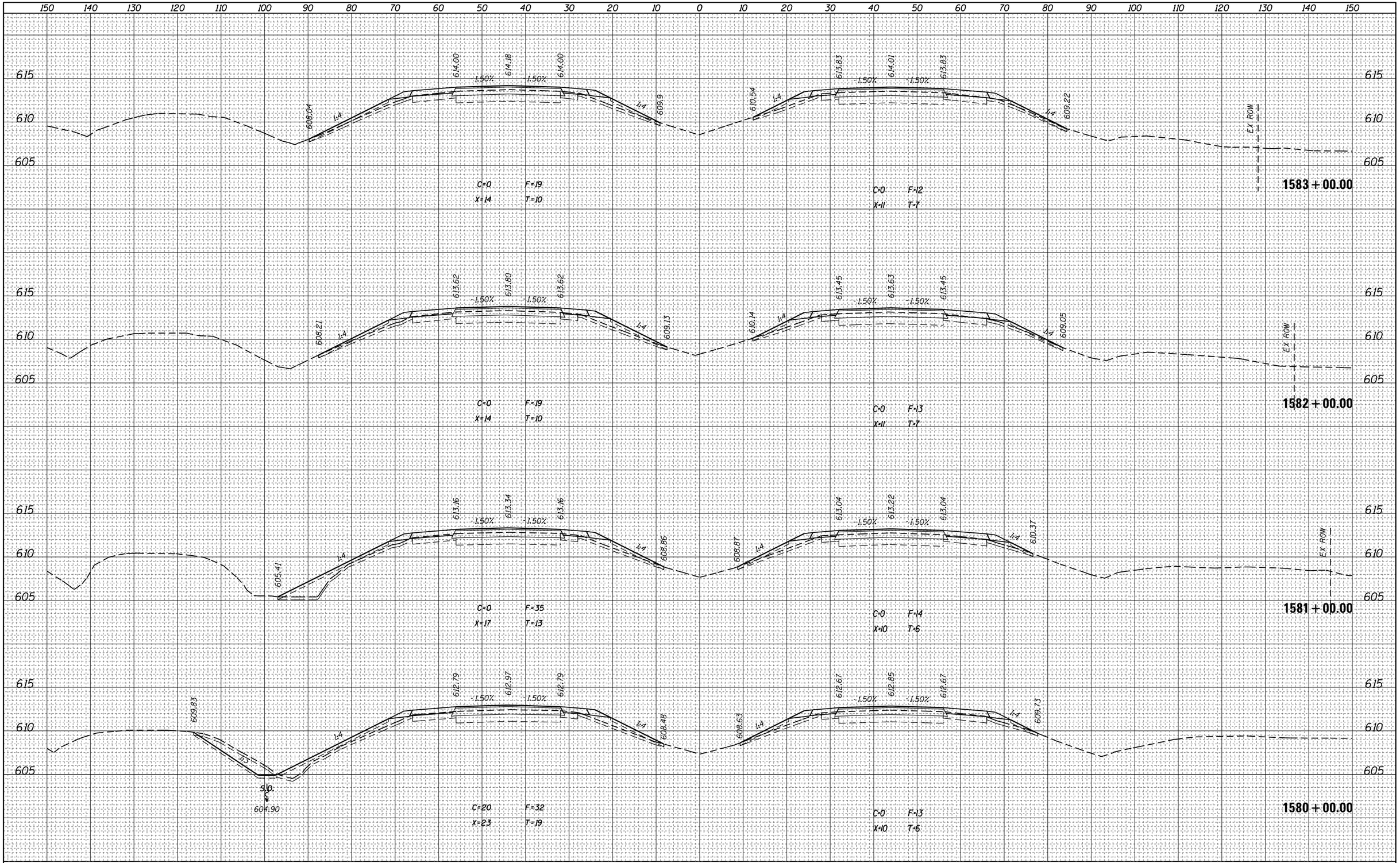
SCALE: | SHEET OF SHEETS | STA. 1577+00.00 TO STA. 1579+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	227
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	
NOTE BOOK	
NO.	

SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

BY	DATE



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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -		
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. 1580+00.00 TO STA.1583+00.00

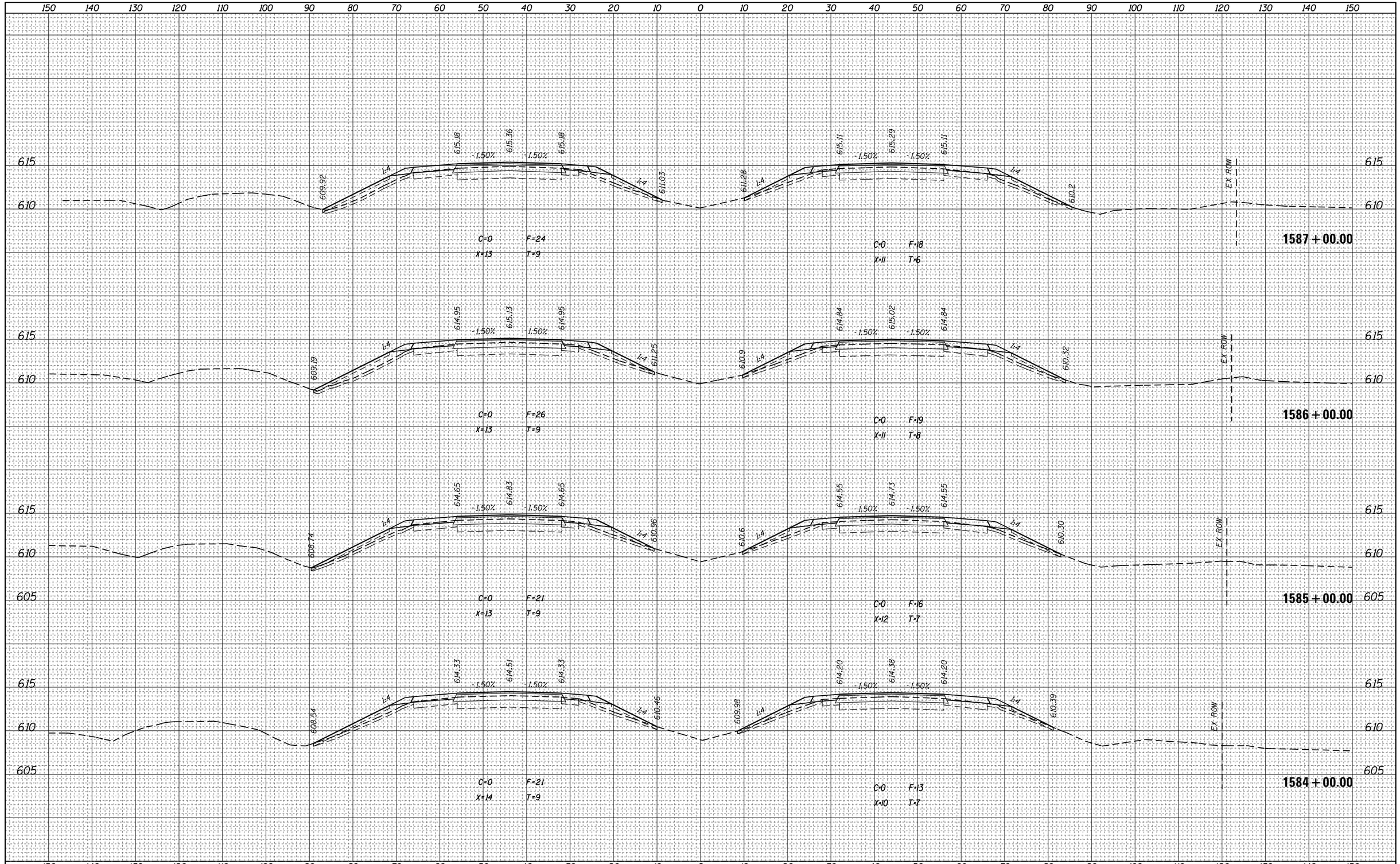
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	228
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE

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

BY	DATE



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

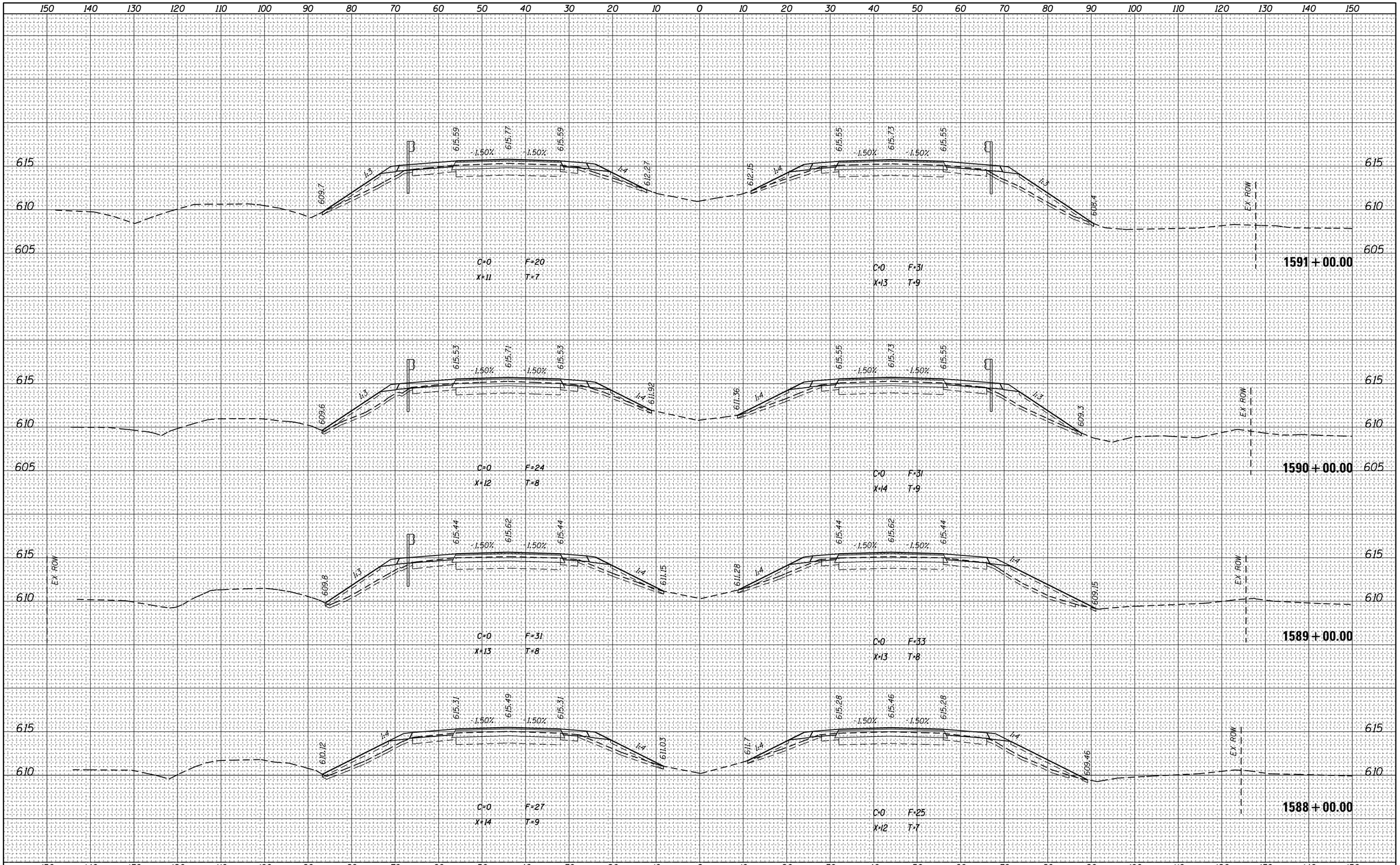
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1584+00.00 TO STA.1587+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	229
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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

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



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	PLOT SCALE = 20.0000 ' / in.	DRAWN -	REVISED -
Default	PLOT DATE = 8/25/2017	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1588+00.00 TO STA. 1591+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	230
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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

BY	DATE

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

BY	DATE

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

615
610
605

EX. ROW
607.0
1:3
615.43
1.50%
615.61
1.50%
615.43
1:4
611.6
611.5
1:4
615.52
1.50%
615.70
1.50%
615.52
1:3
607.2
EX. ROW

C=0 F=43
X=15 T=10

C=0 F=33
X=13 T=8

1593+08.00

615.50
615.68
615.50
611.43
611.47
615.55
615.73
615.55

C=0 F=36
X=11 T=6

C=0 F=43
X=16 T=11

1592+44.00

615.57
615.75
615.57
611.5
611.48
615.55
615.73
615.55

607.85
607.3

C=0 F=38
X=15 T=10

C=0 F=40
X=16 T=11

1592+00.00

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 7\Projects\74664\CADD\Drawings\D774664-sht-xssht.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

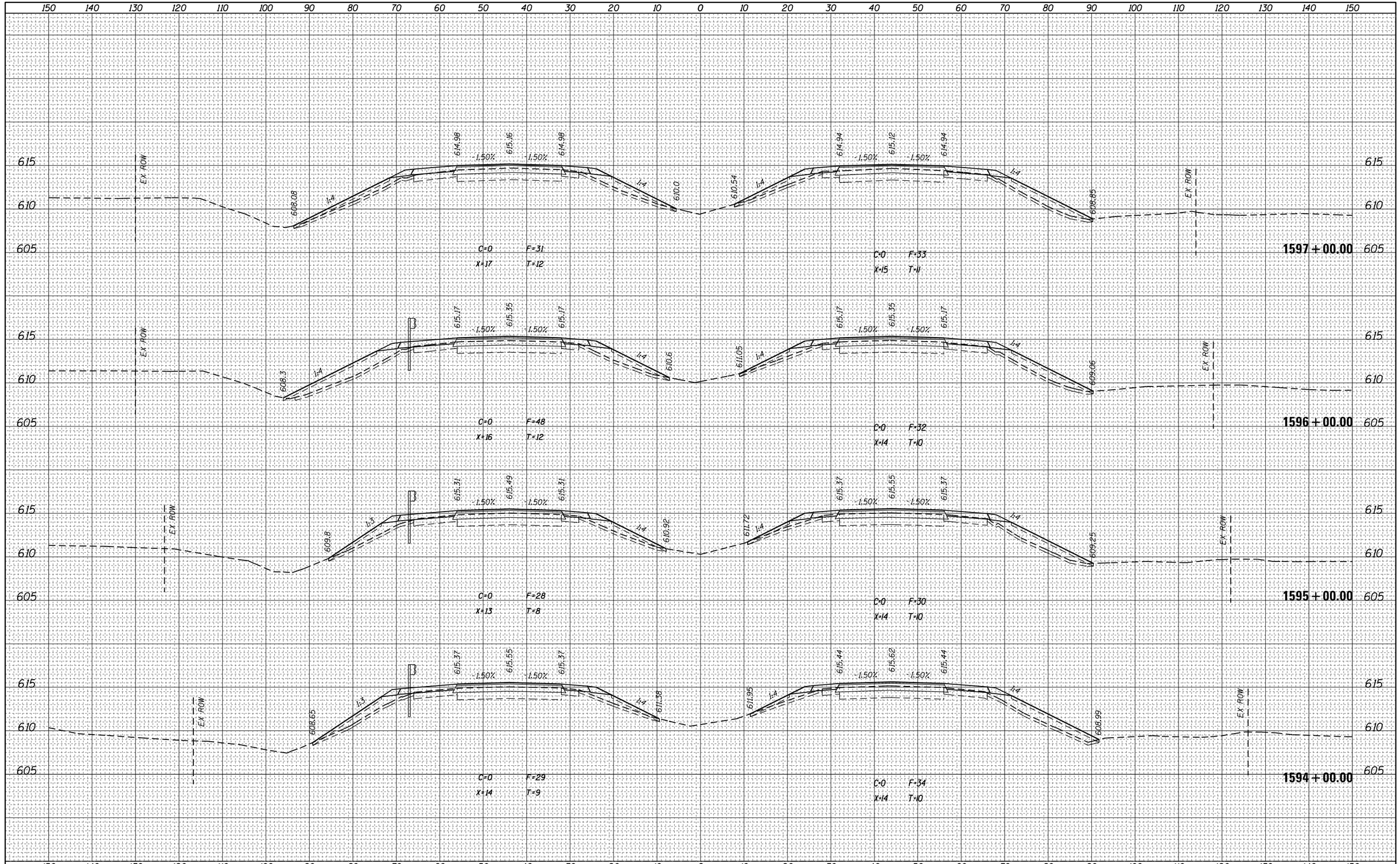
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1592+00.00 TO STA.1593+08.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	231
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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

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



FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 7\Projects\74664\CADD\Drawings\Sheets\D774664-sht-xssht.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT DATE = 8/25/2017	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1594+00.00 TO STA. 1597+00.00

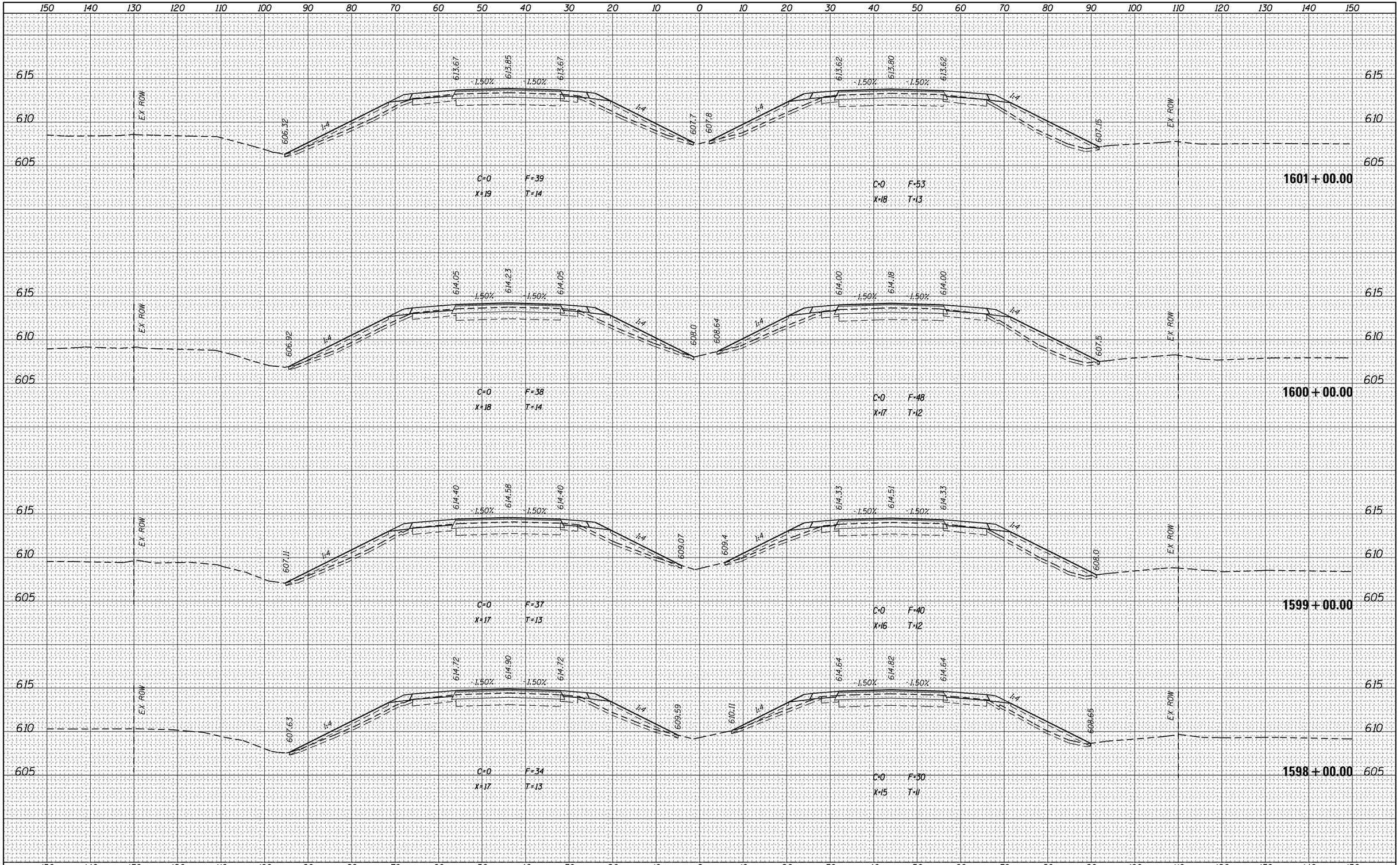
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	232
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

BY	DATE

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

BY	DATE



FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 7\Projects\74664\CADD\Drawing Sheets\D774664-sht-xssht.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

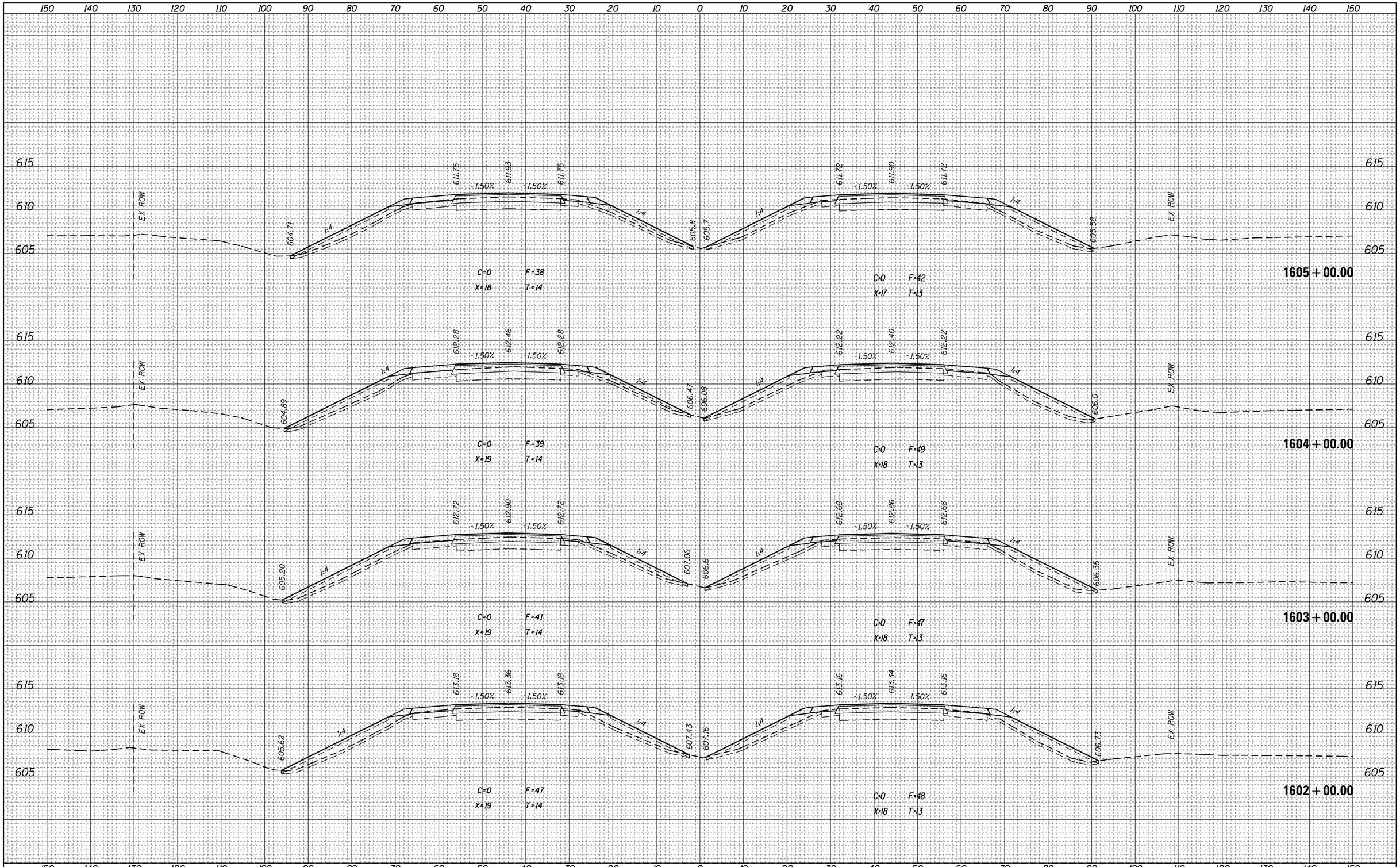
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1598+00.00 TO STA.1601+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	233
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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



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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1602+00.00 TO STA.1605+00.00

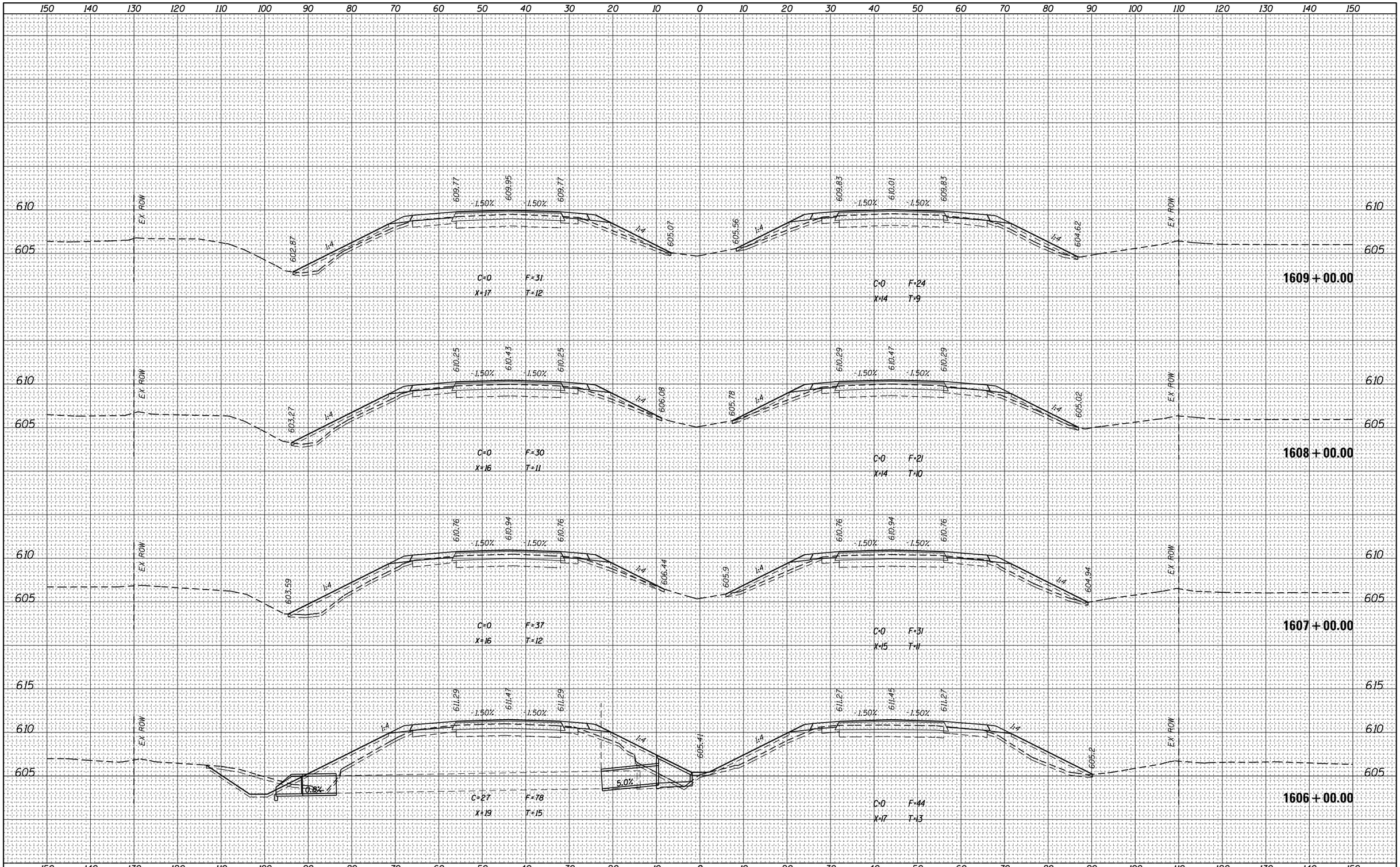
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	234
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE

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

BY	DATE



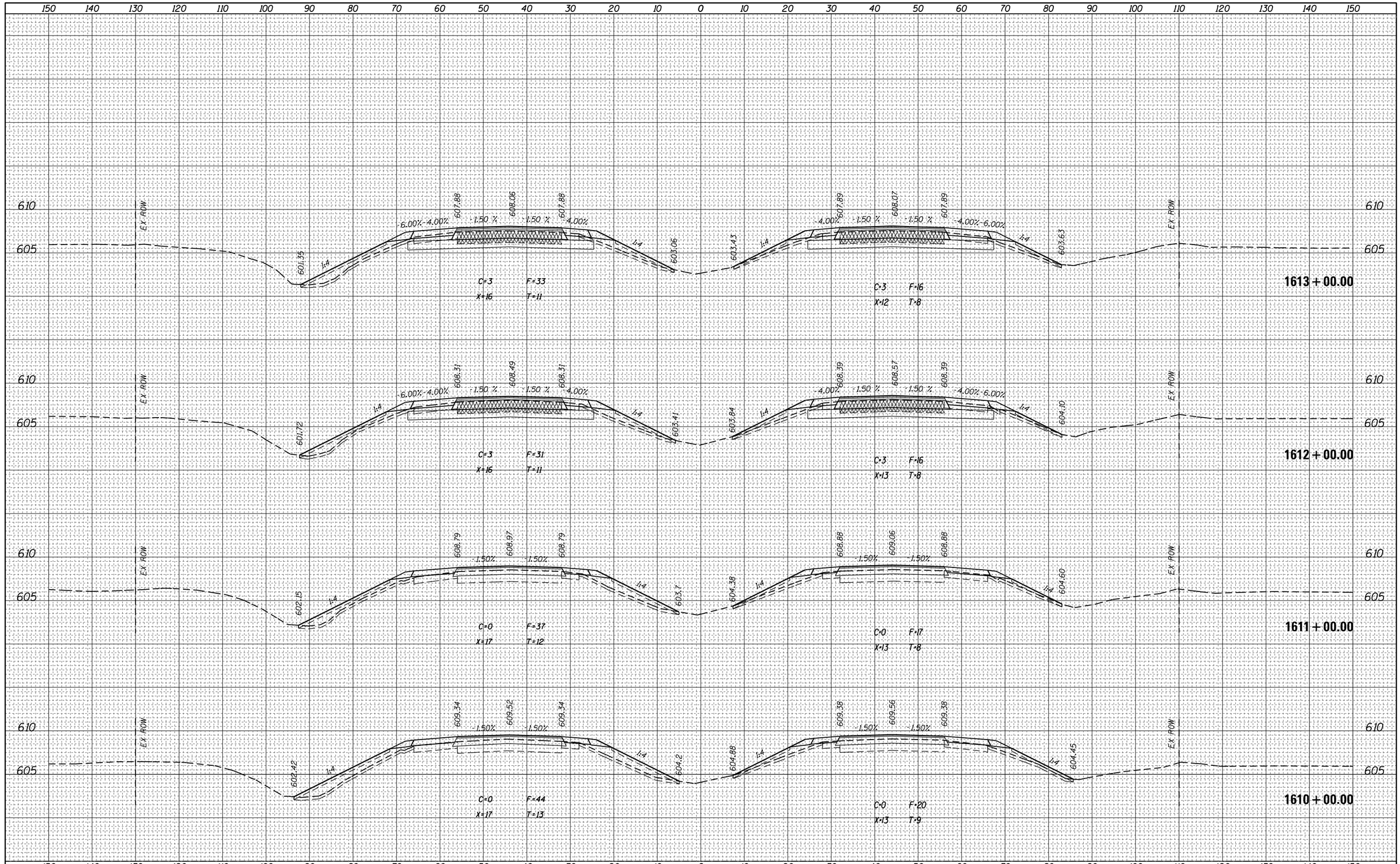
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	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1606+00.00 TO STA.1609+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	235
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		



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

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

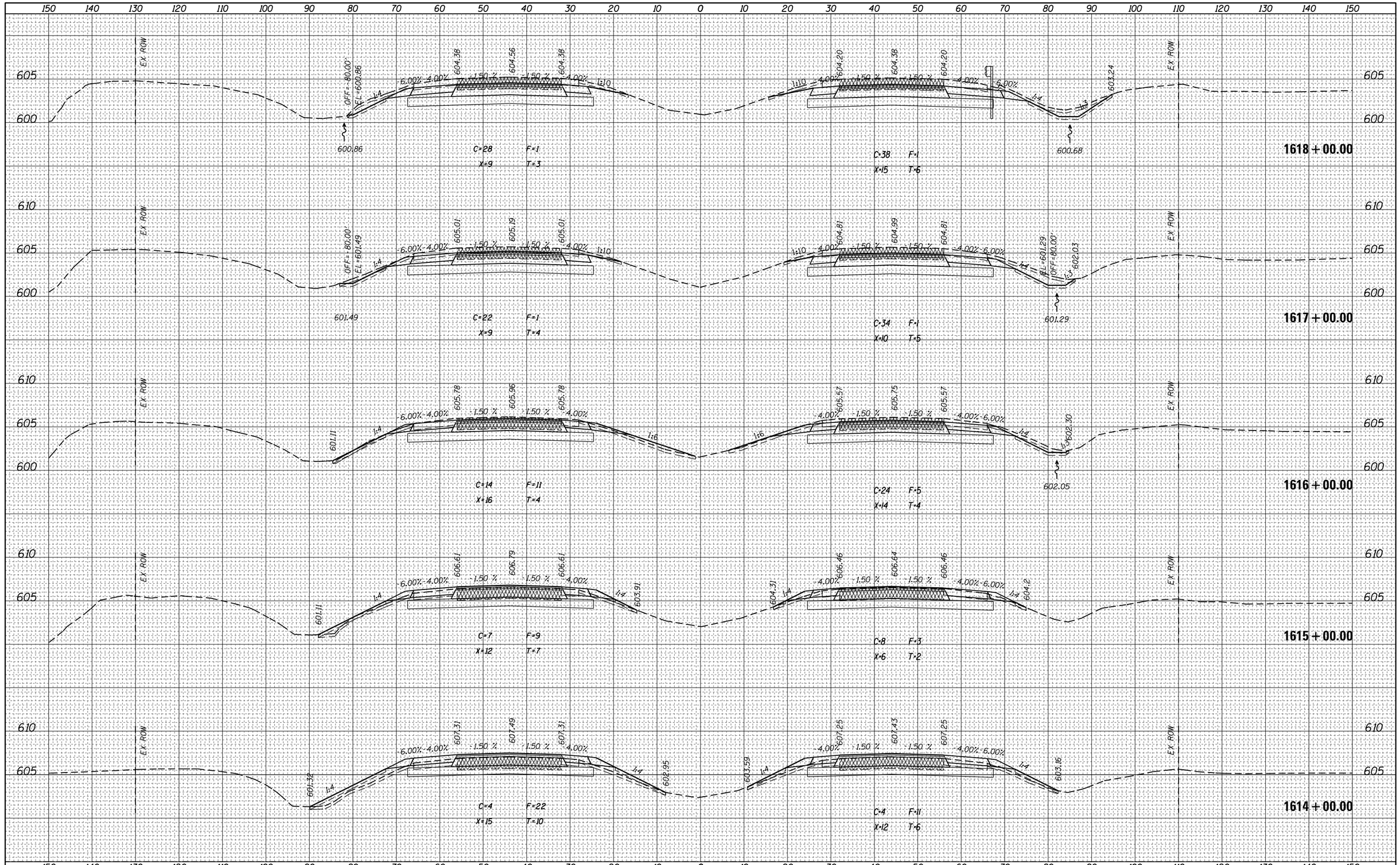
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1610+00.00 TO STA. 1613+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	236
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



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

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

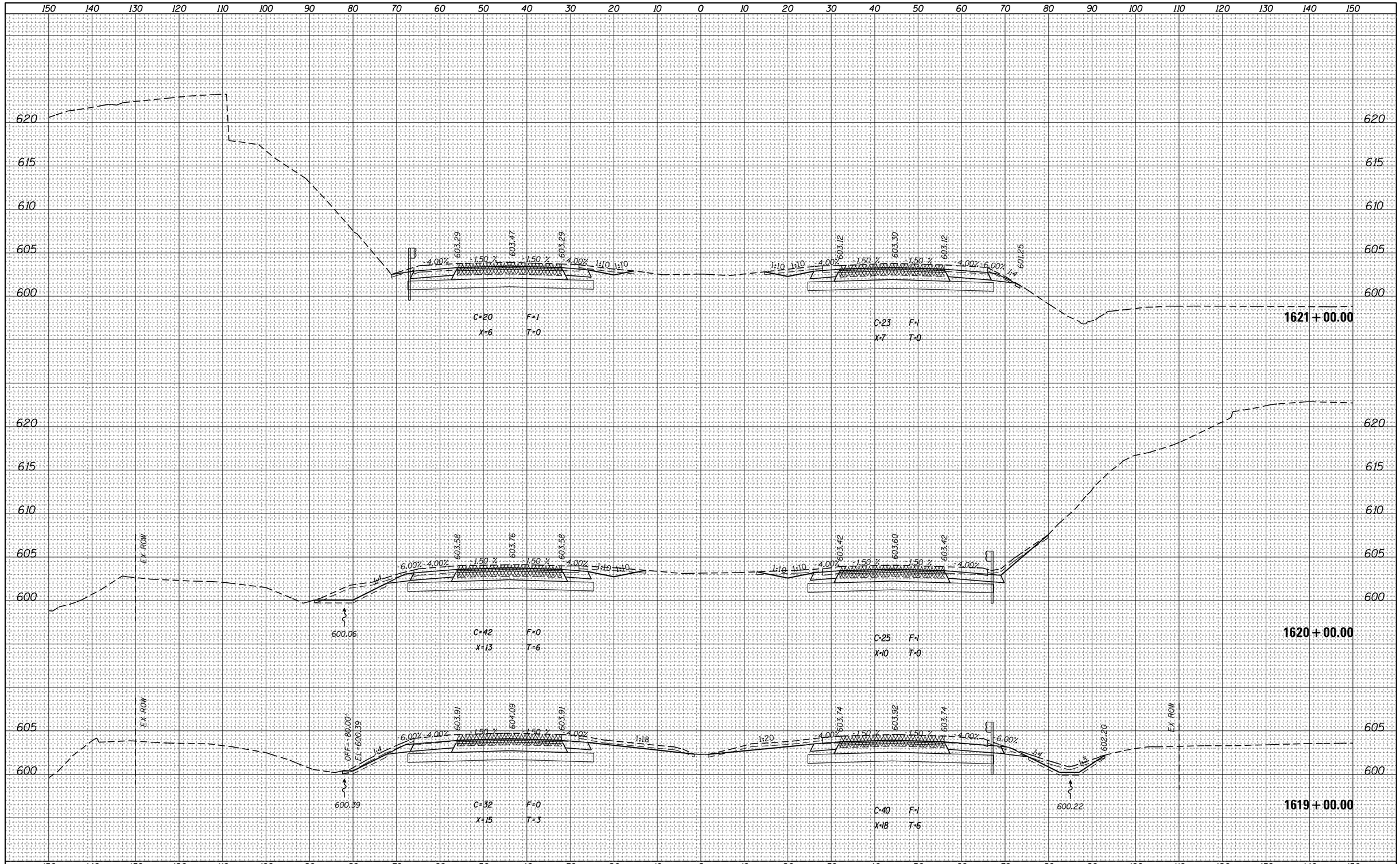
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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1614+00.00 TO STA.1618+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	237
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		



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

BY	DATE

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

BY	DATE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

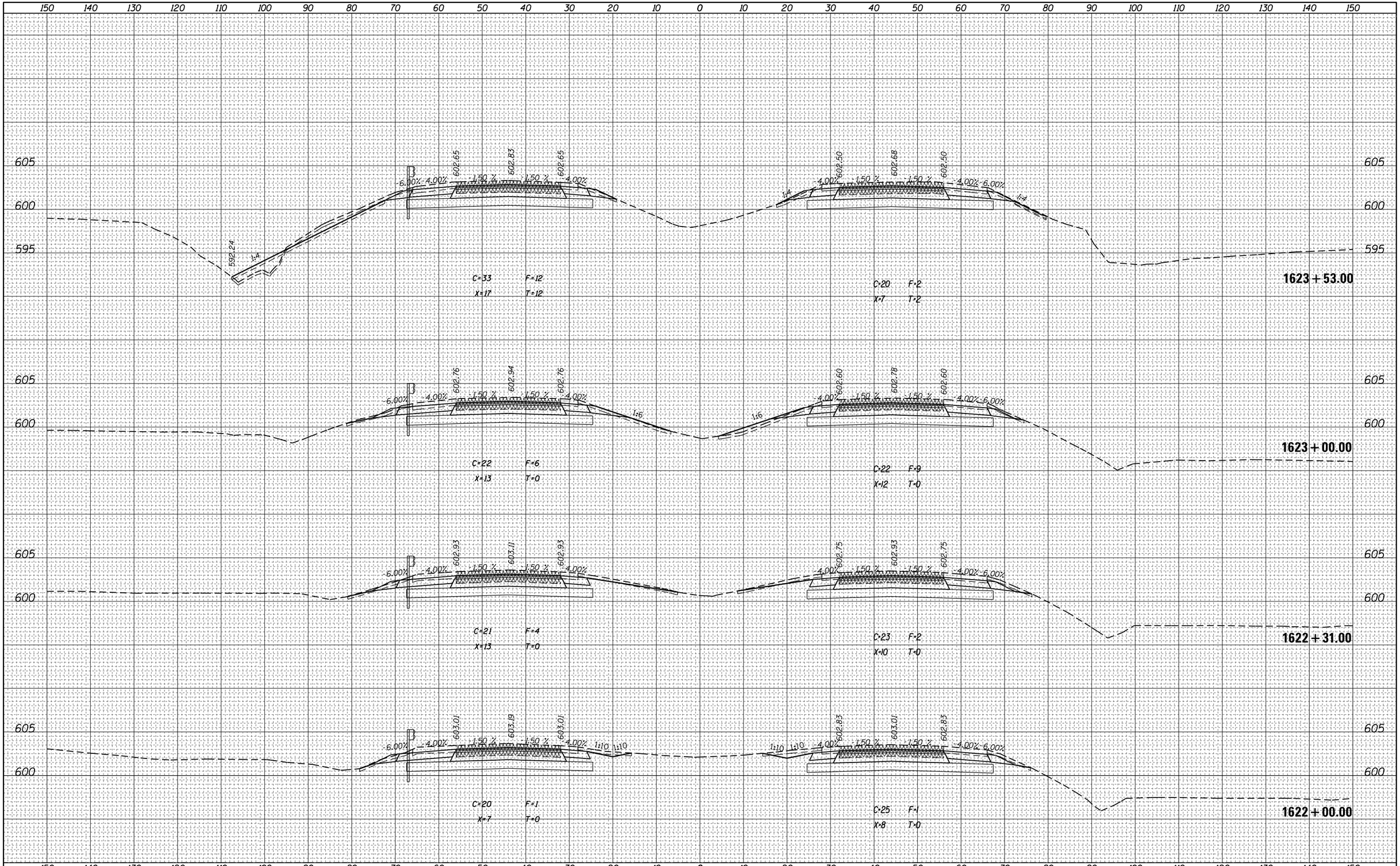
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1619+00.00 TO STA. 1621+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	238
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

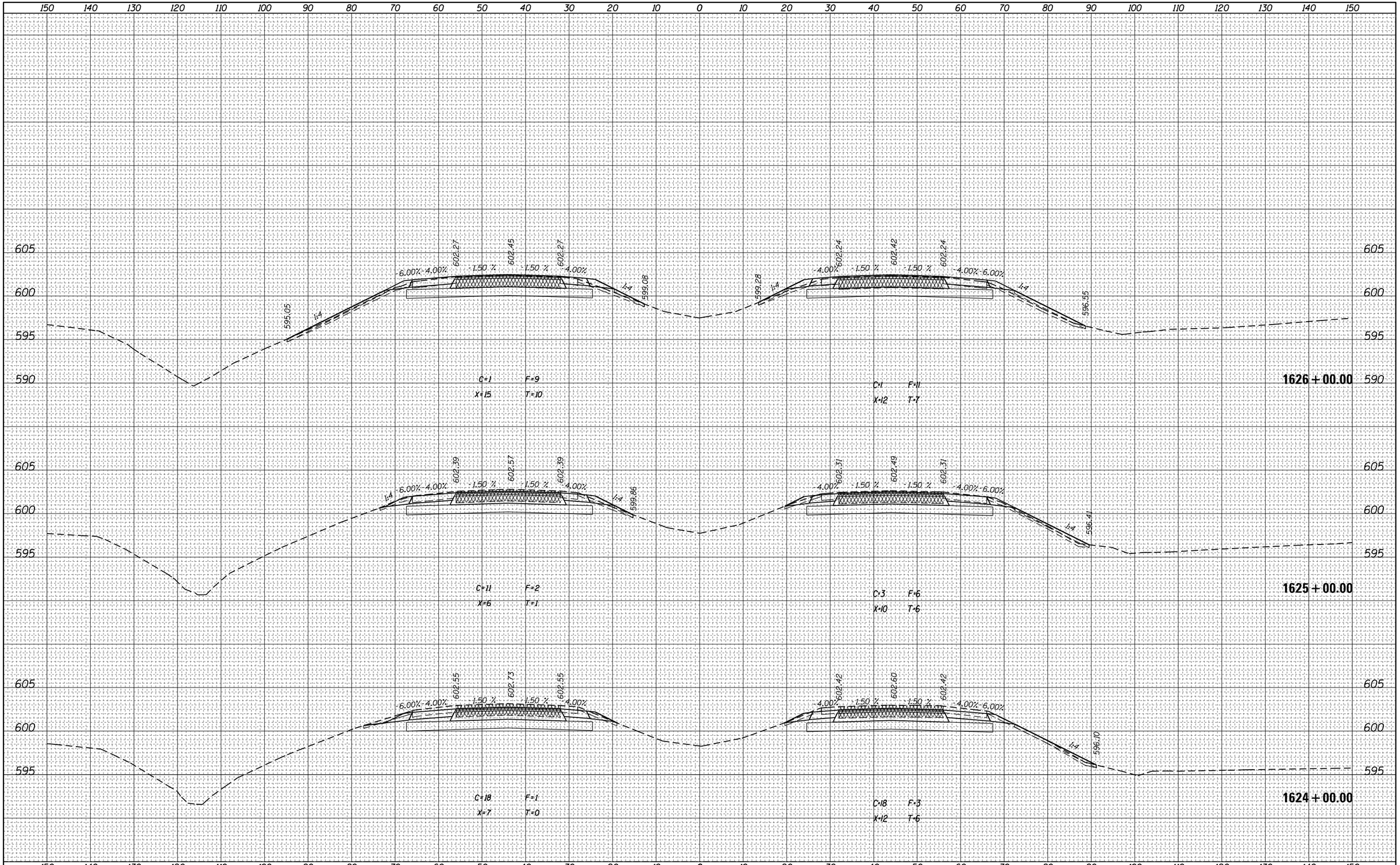
FINAL SURVEY	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	NO.	BY	DATE
ORIGINAL SURVEY	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	NO.	BY	DATE



FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 7\Projects\74664\CADD\Drawings\Sheets\D774664-sht-xssht.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS – I-70		
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -				
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. 1622+00.00 TO STA.1623+53.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	239
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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



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

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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1624+00.00 TO STA.1626+00.00

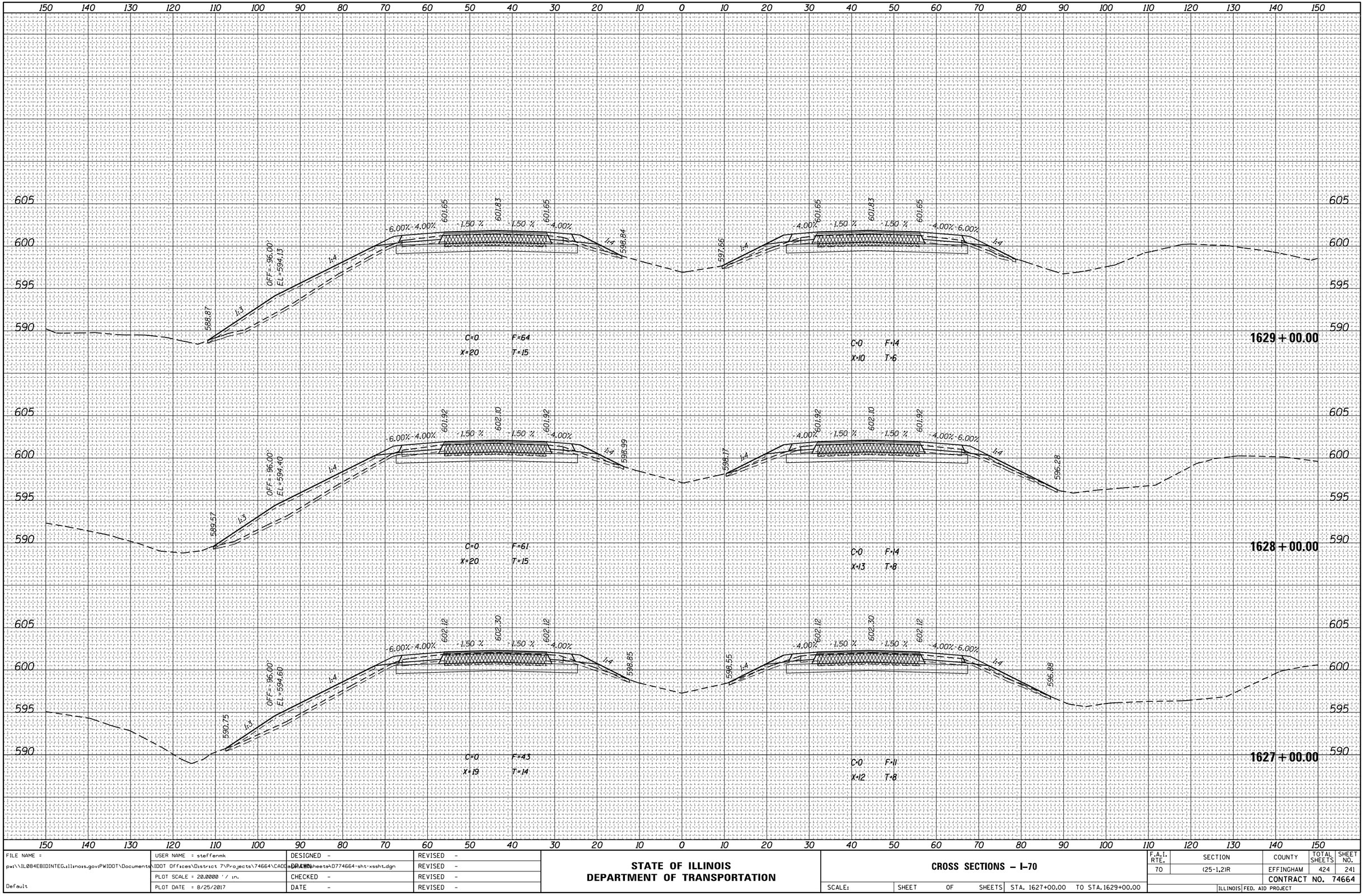
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	240
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE

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

BY	DATE



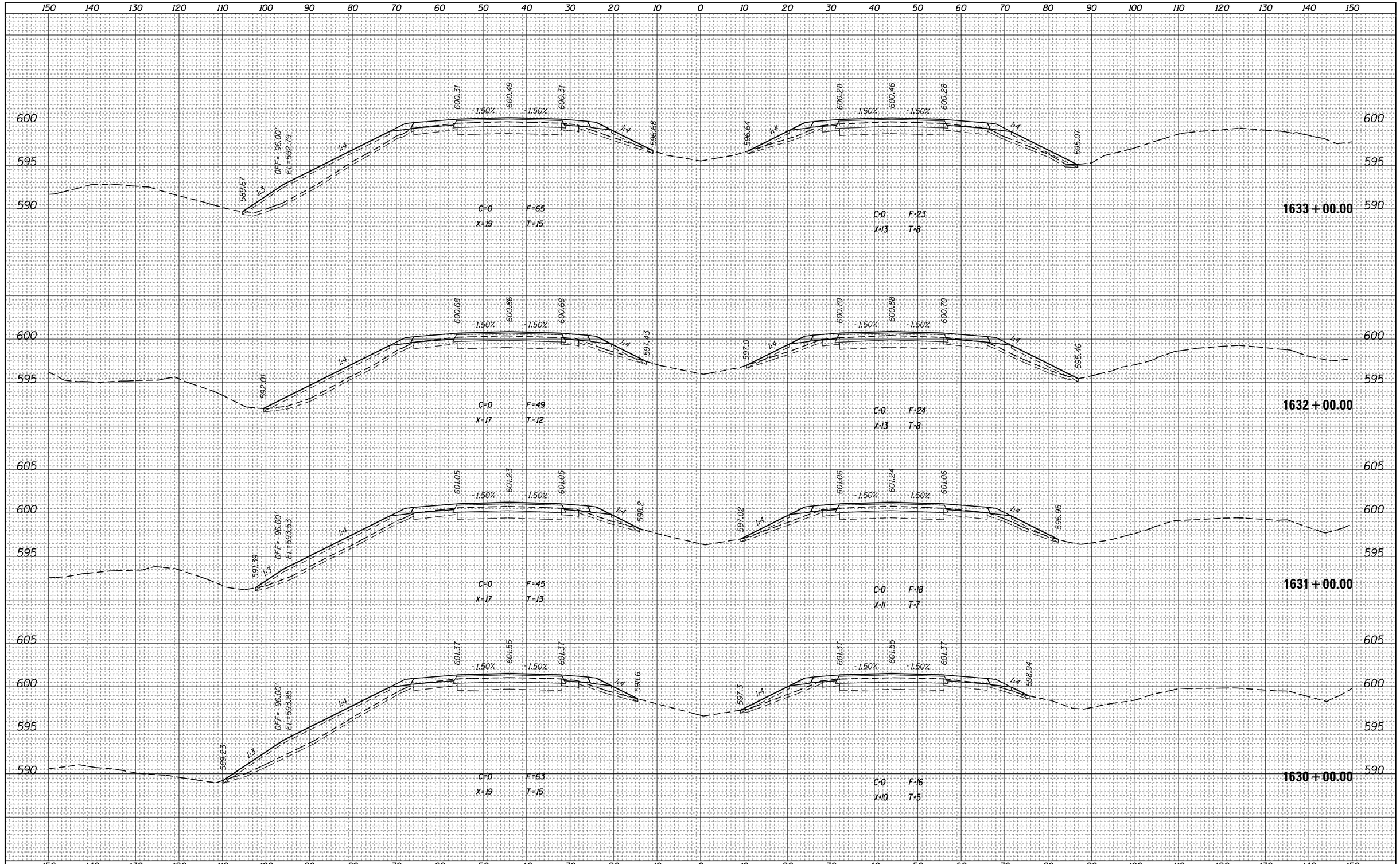
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	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1627+00.00 TO STA.1629+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	241
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		



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

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

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		DRAWN -	REVISED -
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

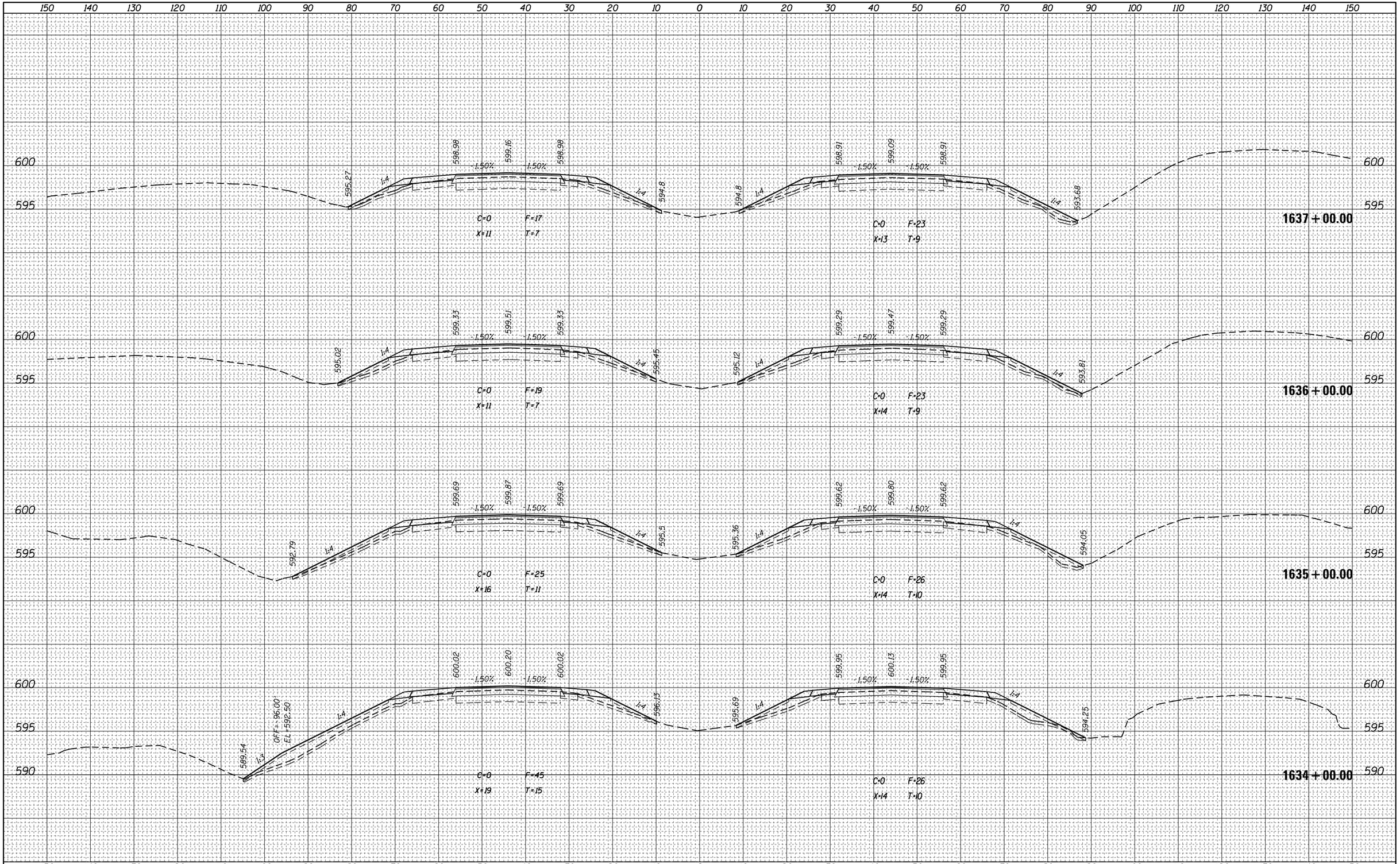
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1630+00.00 TO STA.1633+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	242
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE



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

BY	DATE

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 7\Projects\74664\CADD\Drawings\Sheets\D774664-sht-xssht.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1634+00.00 TO STA.1637+00.00

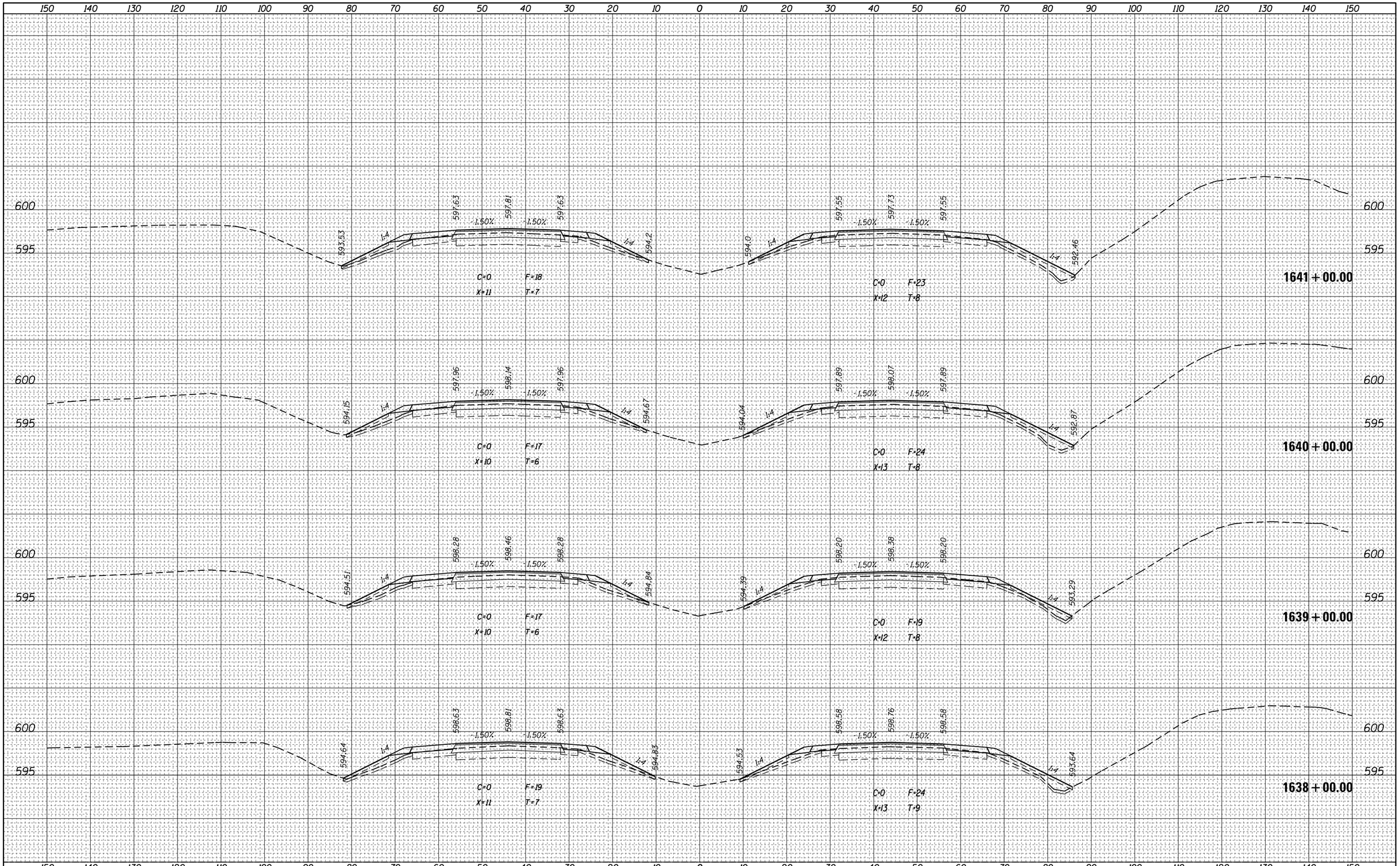
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	243
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

BY	DATE

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

BY	DATE



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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

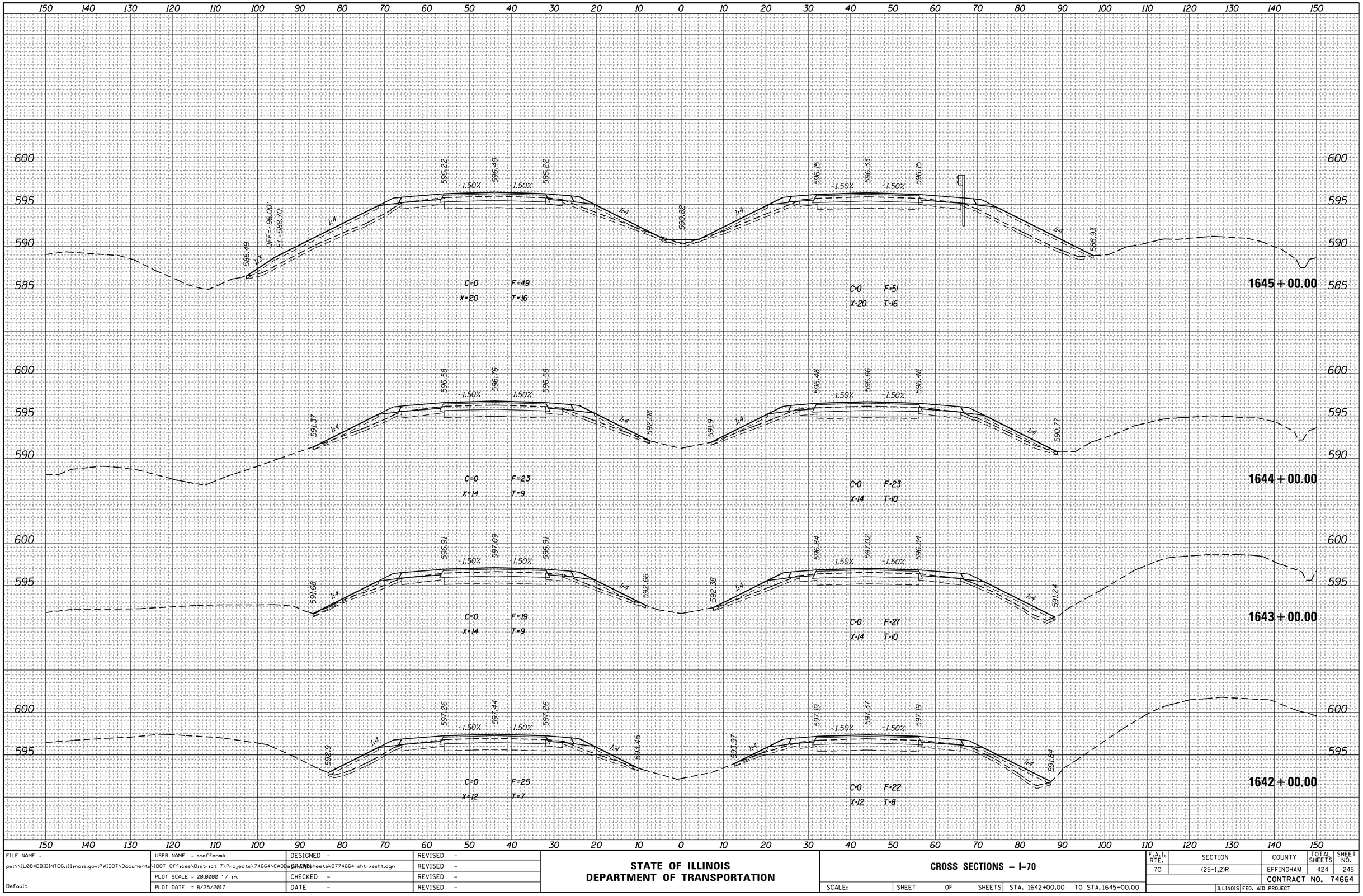
CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1638+00.00 TO STA. 1641+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	244
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

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



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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1642+00.00 TO STA. 1645+00.00

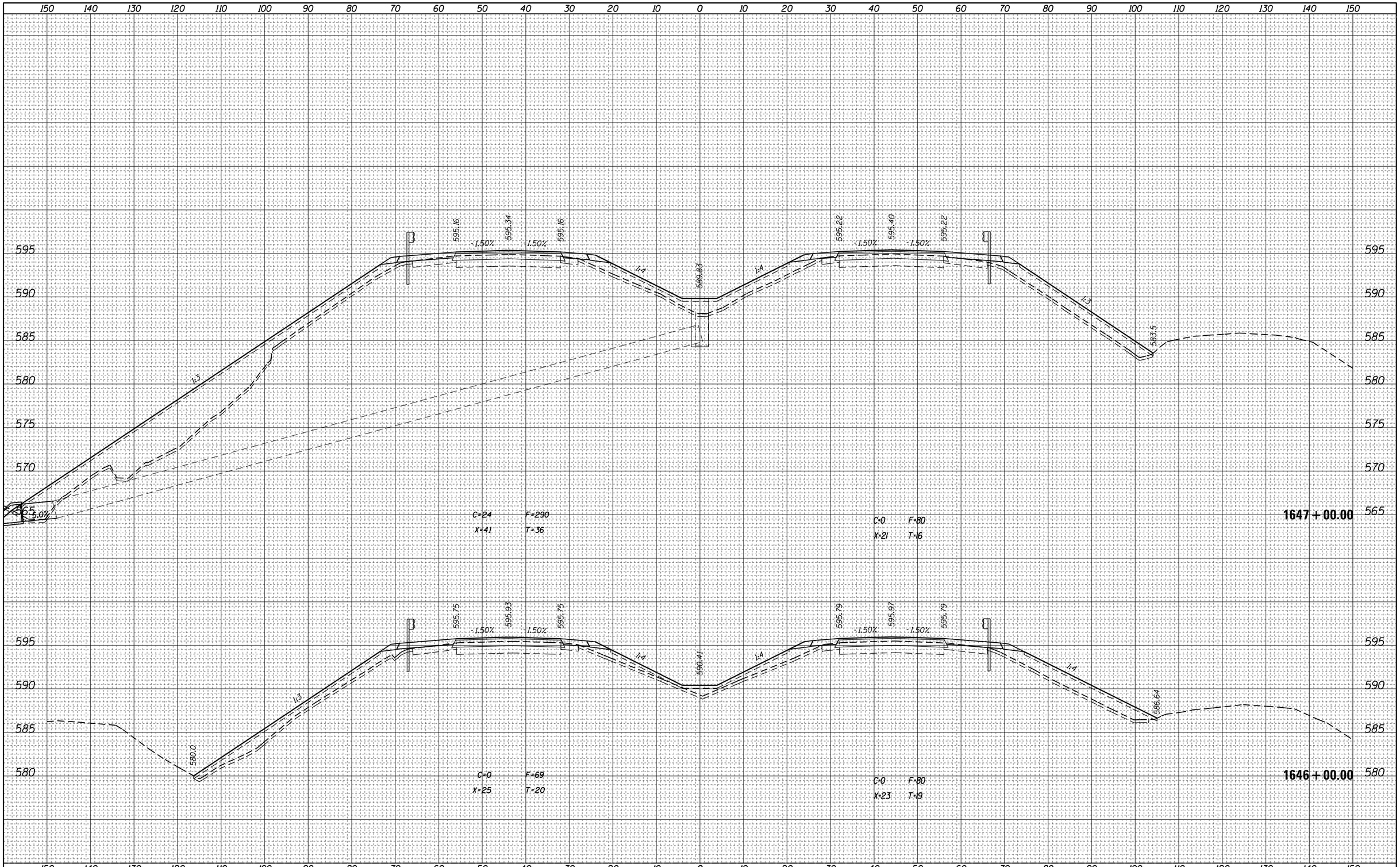
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	245
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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

BY	DATE

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

BY	DATE



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

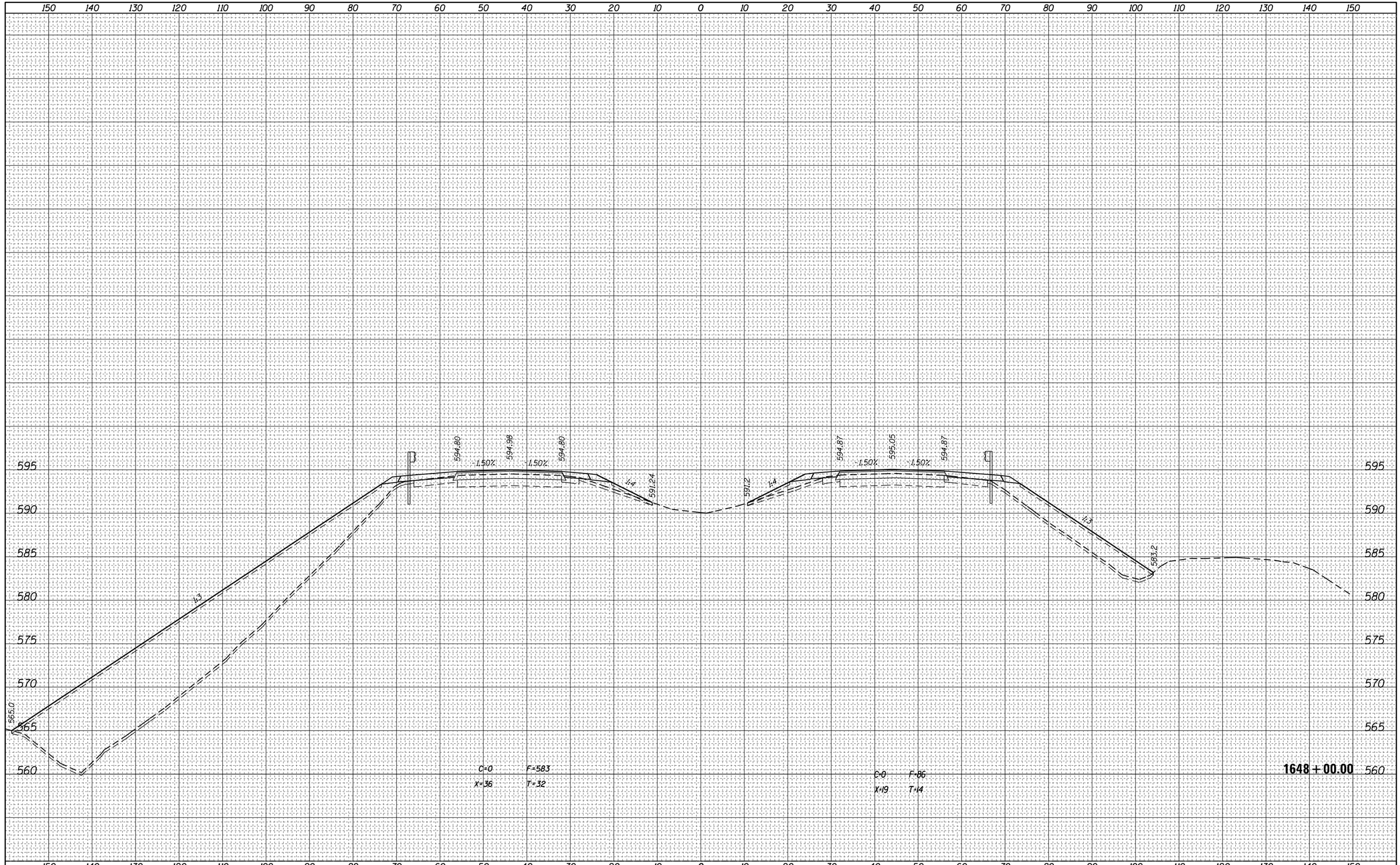
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1646+00.00 TO STA. 1647+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	246
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

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



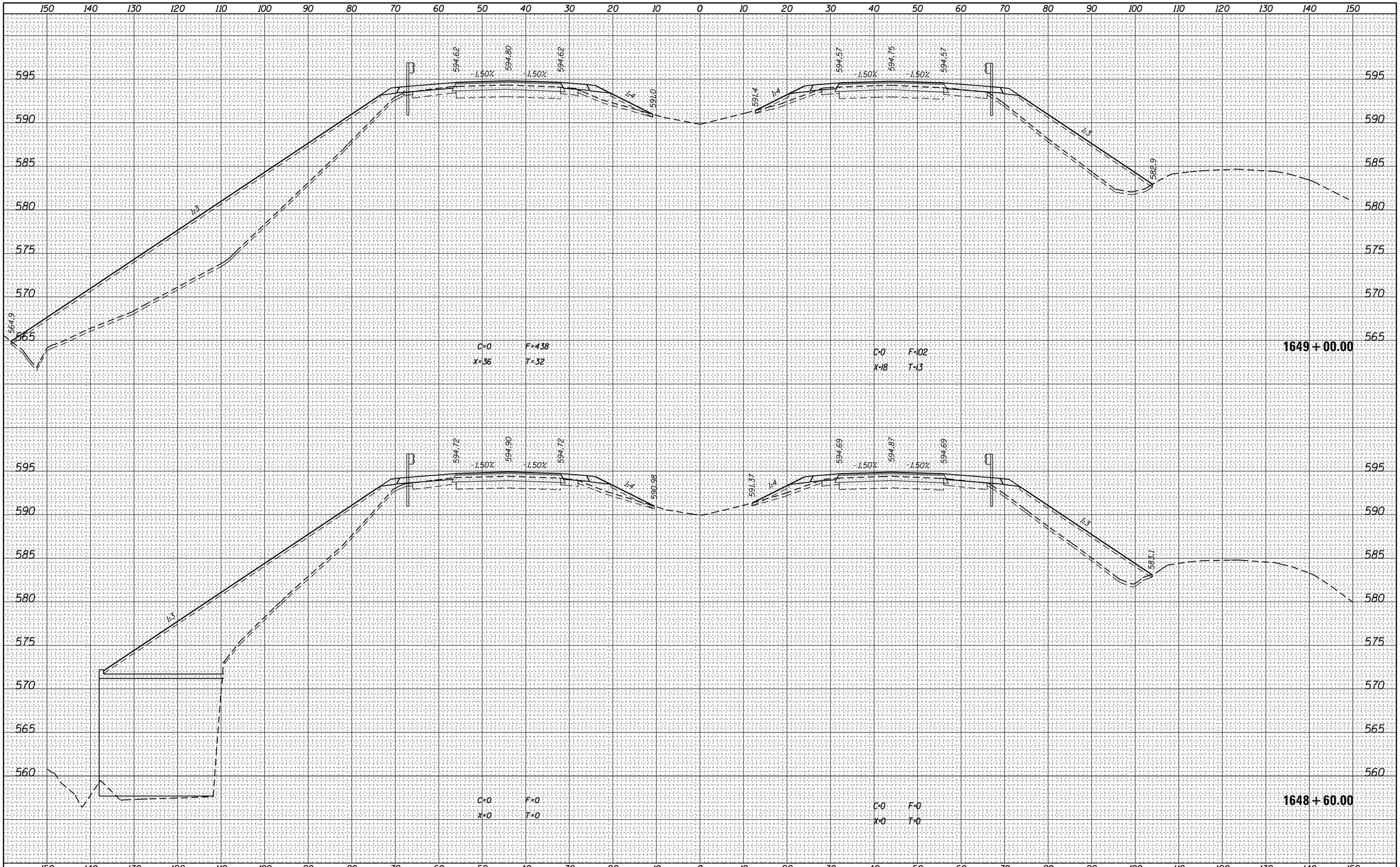
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Default	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1648+00.00 TO STA.1648+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	247
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		



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

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

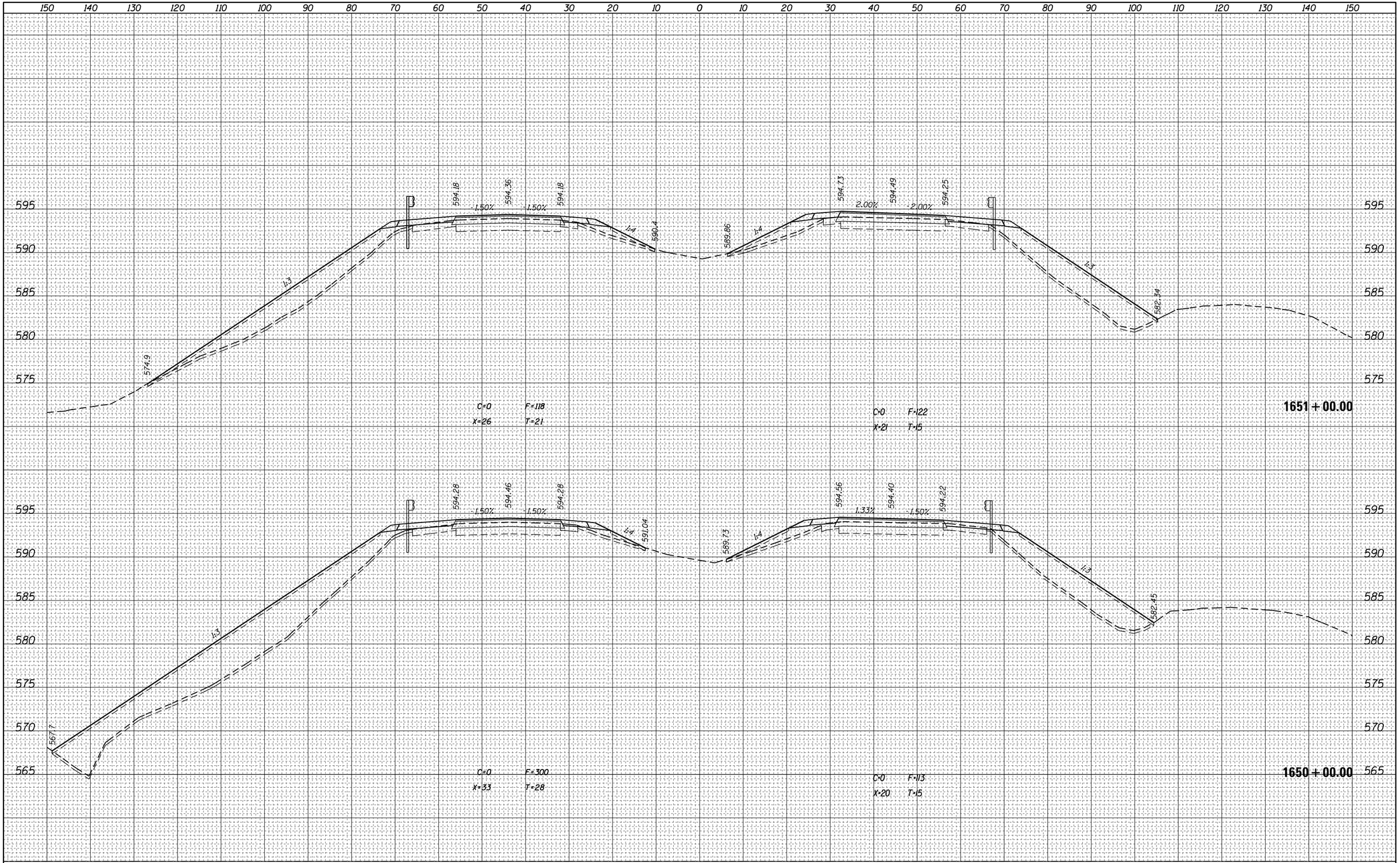
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1648+60.00 TO STA.1649+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	248
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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



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

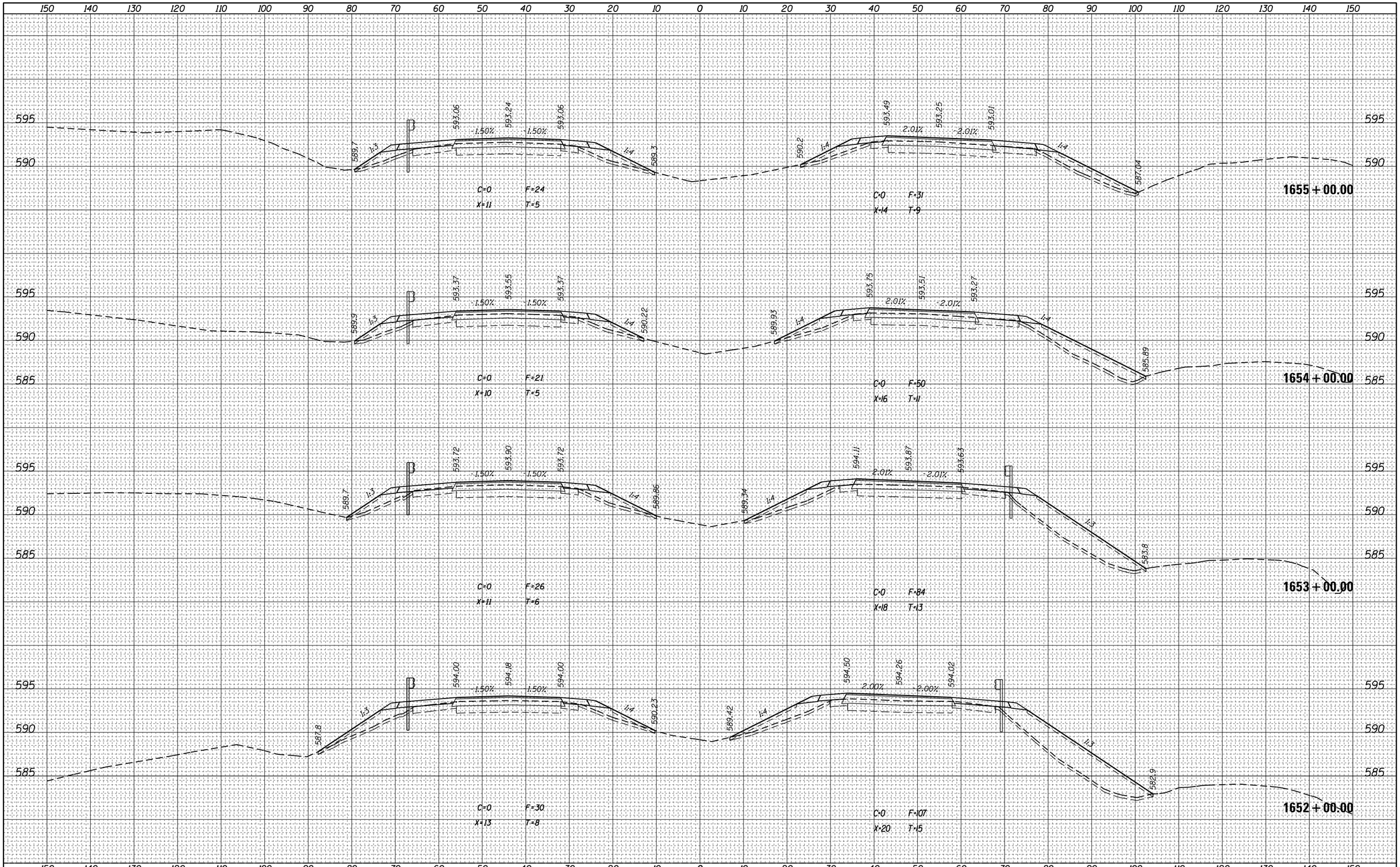
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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1650+00.00 TO STA.1651+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	249
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1652+00.00 TO STA. 1655+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	250
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	
NOTE BOOK	
NO.	

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

BY	DATE

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

595
590

589.39 1:4 592.81 1.50% 592.99 1.50% 592.81 1:4 588.73

C=0 F=19
X=11 T=7

599.3 1:4 593.23 2.01% 592.99 2.01% 592.75 1:4 588.06

C=0 F-24
X-12 T-8

595
590

1656+00.00

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

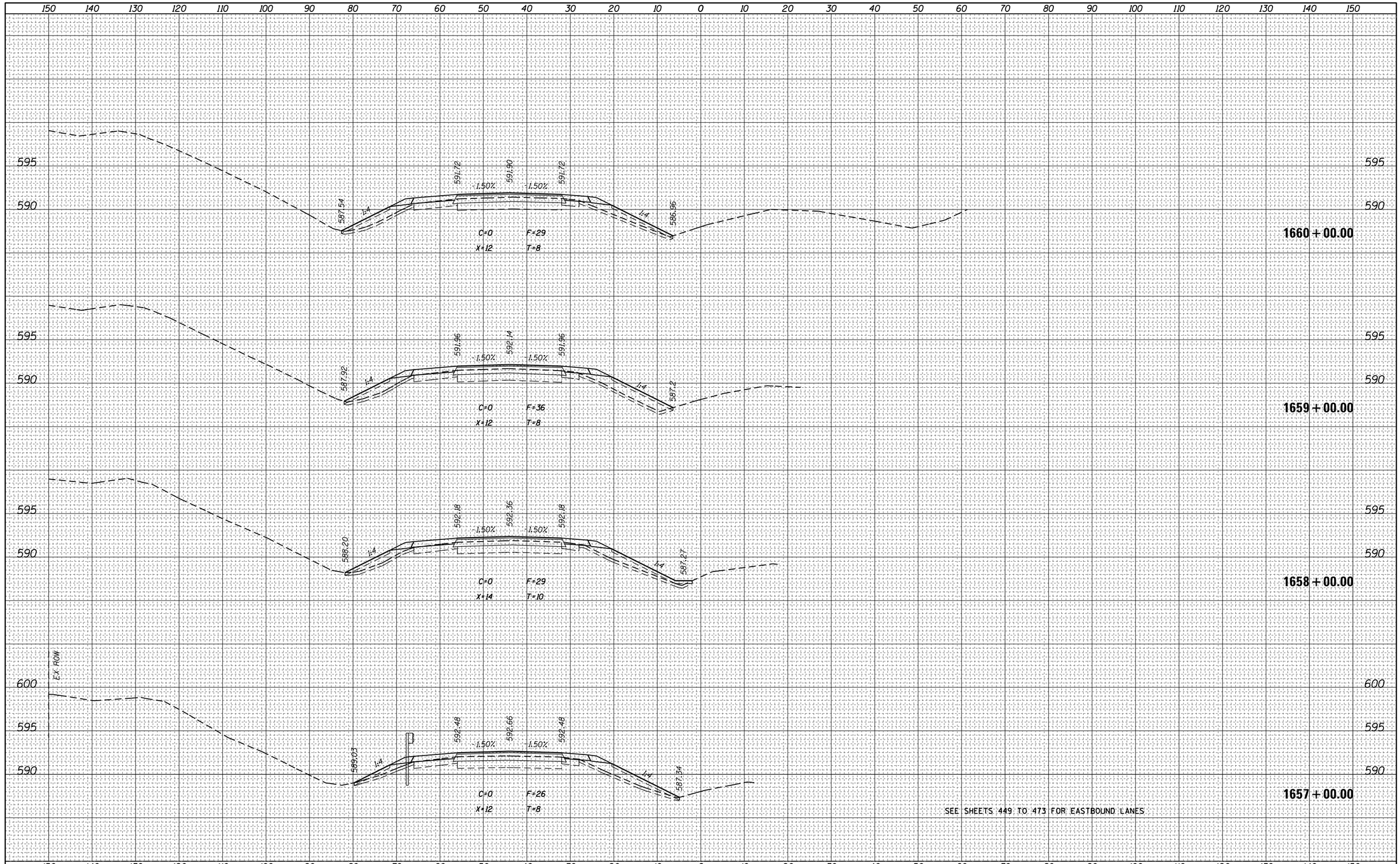
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1656+00.00 TO STA.1656+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	251
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



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

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1657+00.00 TO STA. 1660+00.00

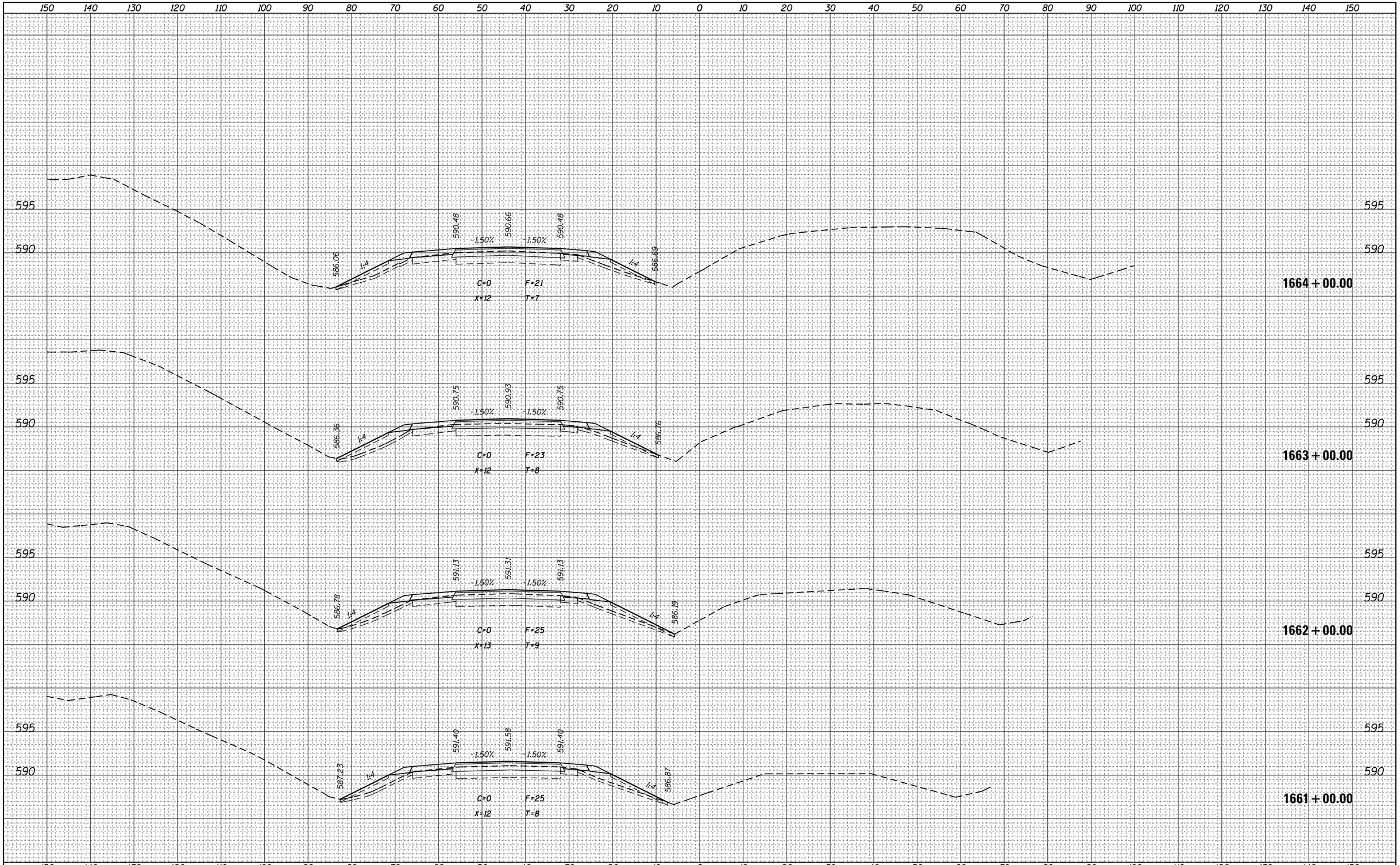
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	252
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

BY	DATE

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

BY	DATE



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

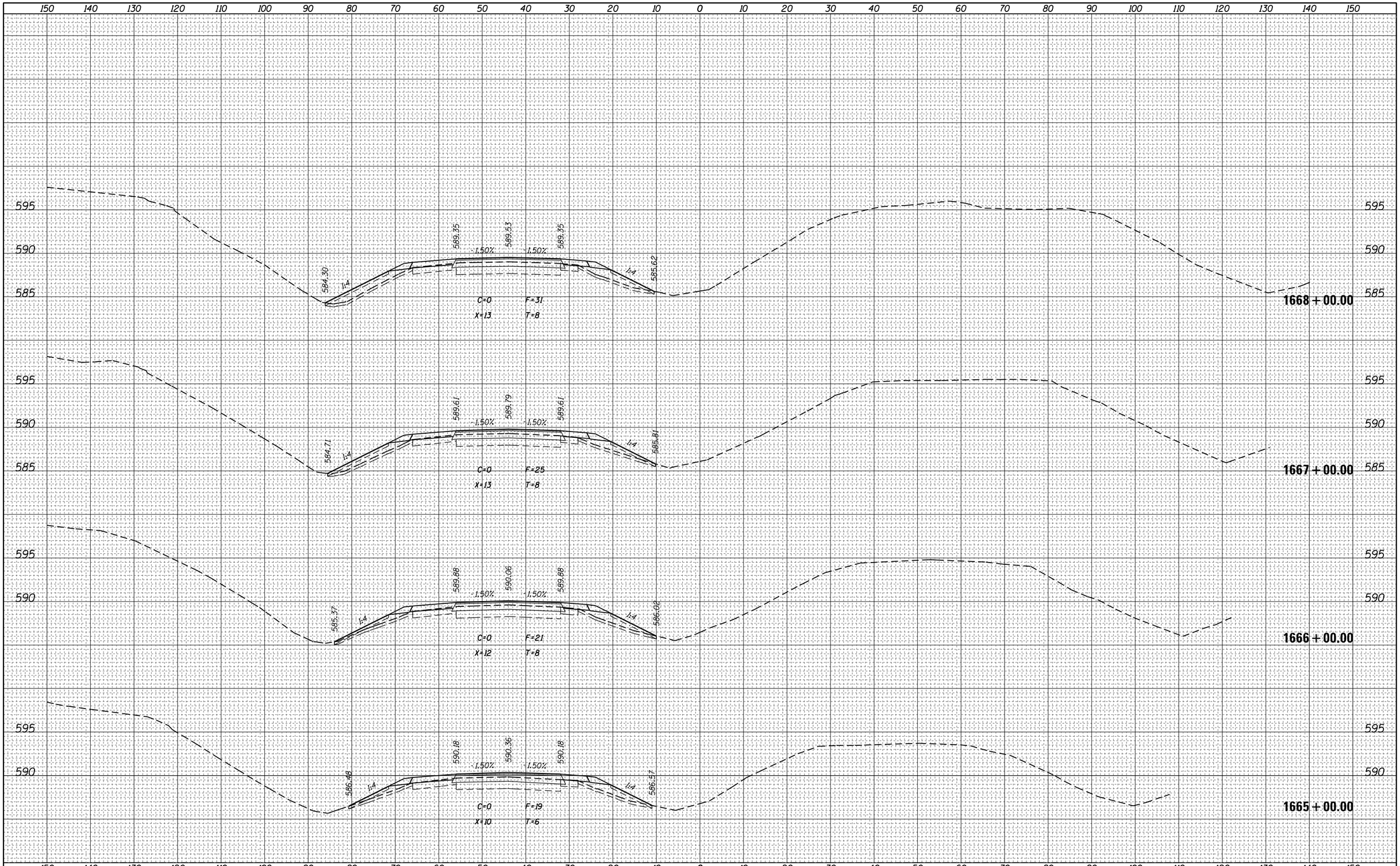
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1661+00.00 TO STA.1664+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	253
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

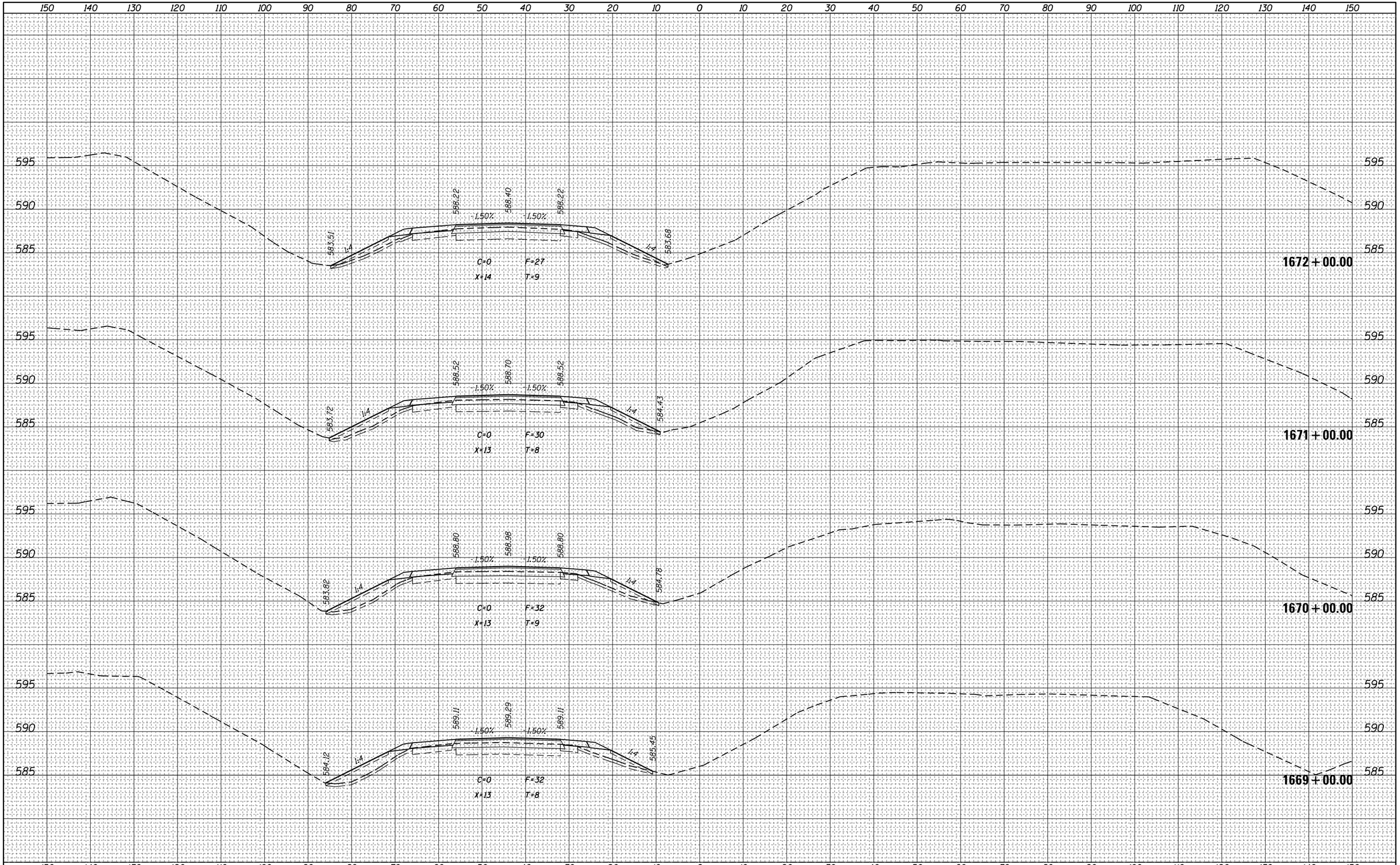
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1665+00.00 TO STA.1668+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	254
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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



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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1669+00.00 TO STA.1672+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	255
		CONTRACT NO. 74664		
	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

595 590 585 580

587.00 587.18 587.00 584.9 582.25

1.50% 1.50% 1:4 1:4

C=0 F=25
X=10 T=6

1676 + 00.00

595 590 585

587.34 587.52 587.34 585.28 582.39

1.50% 1.50% 1:4 1:4

C=0 F=20
X=11 T=6

1675 + 00.00

595 590 585

587.62 587.80 587.62 582.82 582.39

1.50% 1.50% 1:4 1:4

C=0 F=25
X=15 T=10

1674 + 00.00

595 590 585

587.90 588.08 587.90 583.26 583.12

1.50% 1.50% 1:4 1:4

C=0 F=27
X=14 T=9

1673 + 00.00

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

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

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

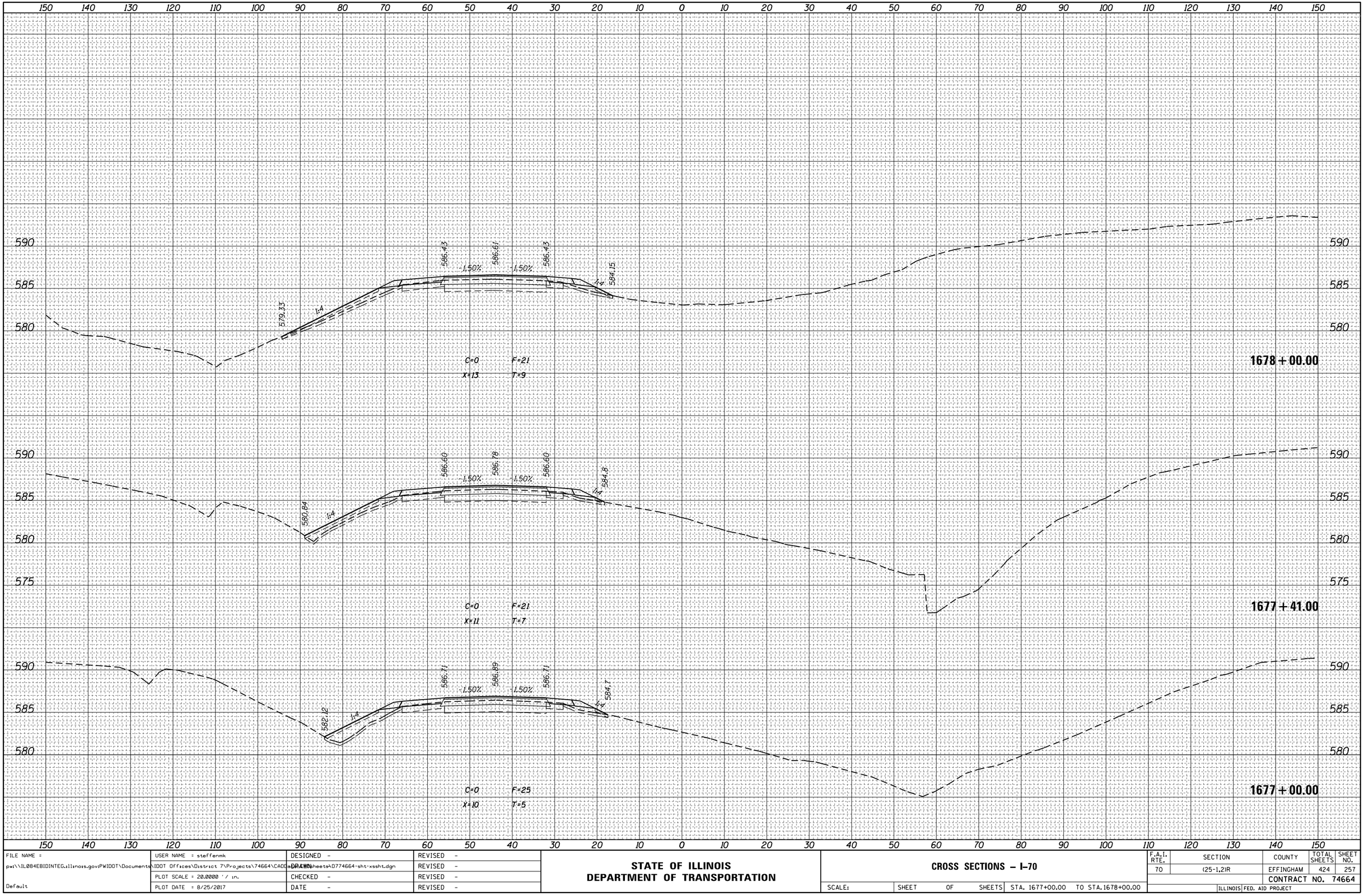
SCALE: | SHEET OF SHEETS | STA. 1673+00.00 TO STA. 1676+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	256
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	
NOTE BOOK	
NO.	

SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

DATE	BY



ORIGINAL SURVEY	
NOTE BOOK	
NO.	

SURVEYED	
PLOTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

DATE	BY

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

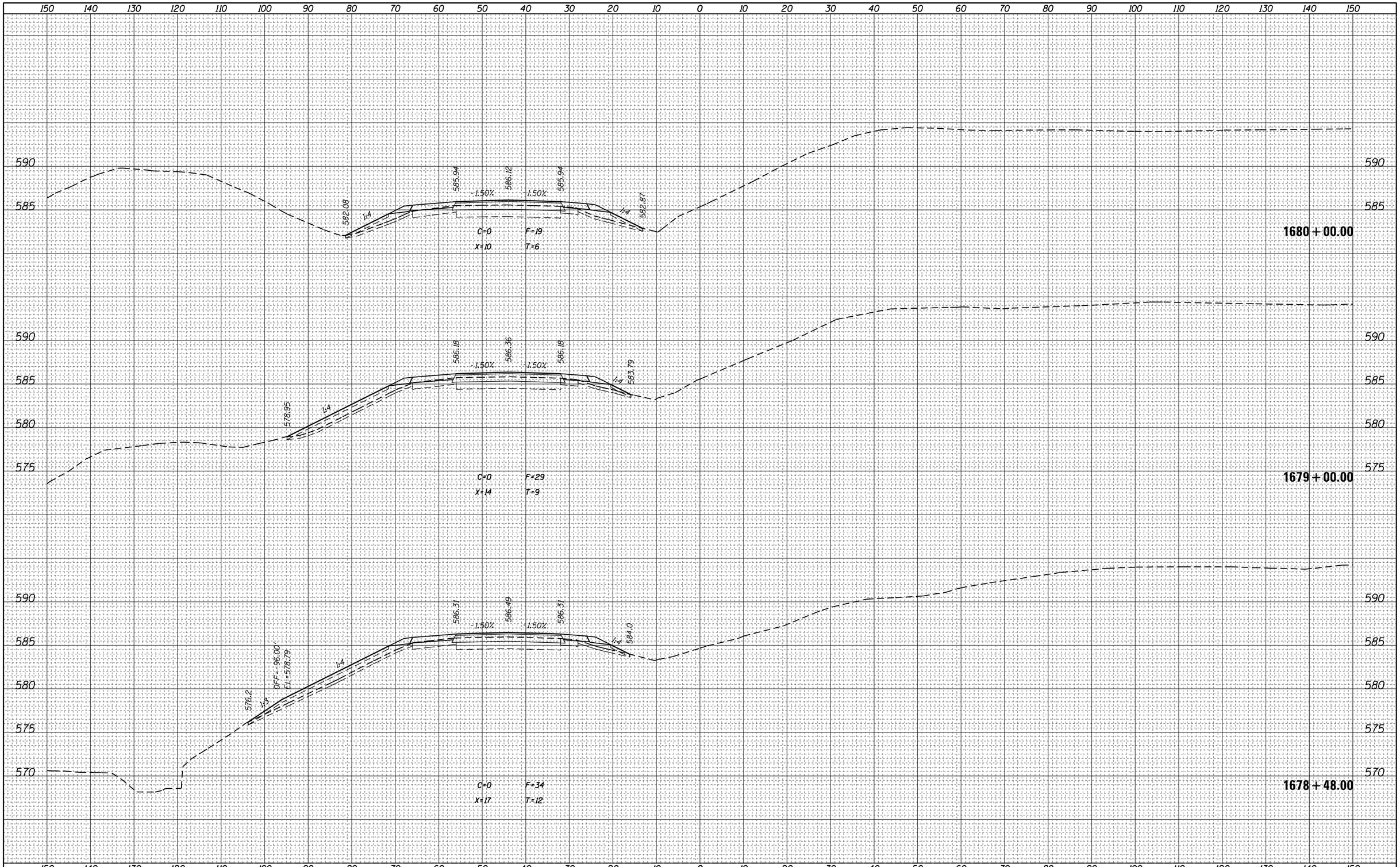
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1677+00.00 TO STA.1678+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	257
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

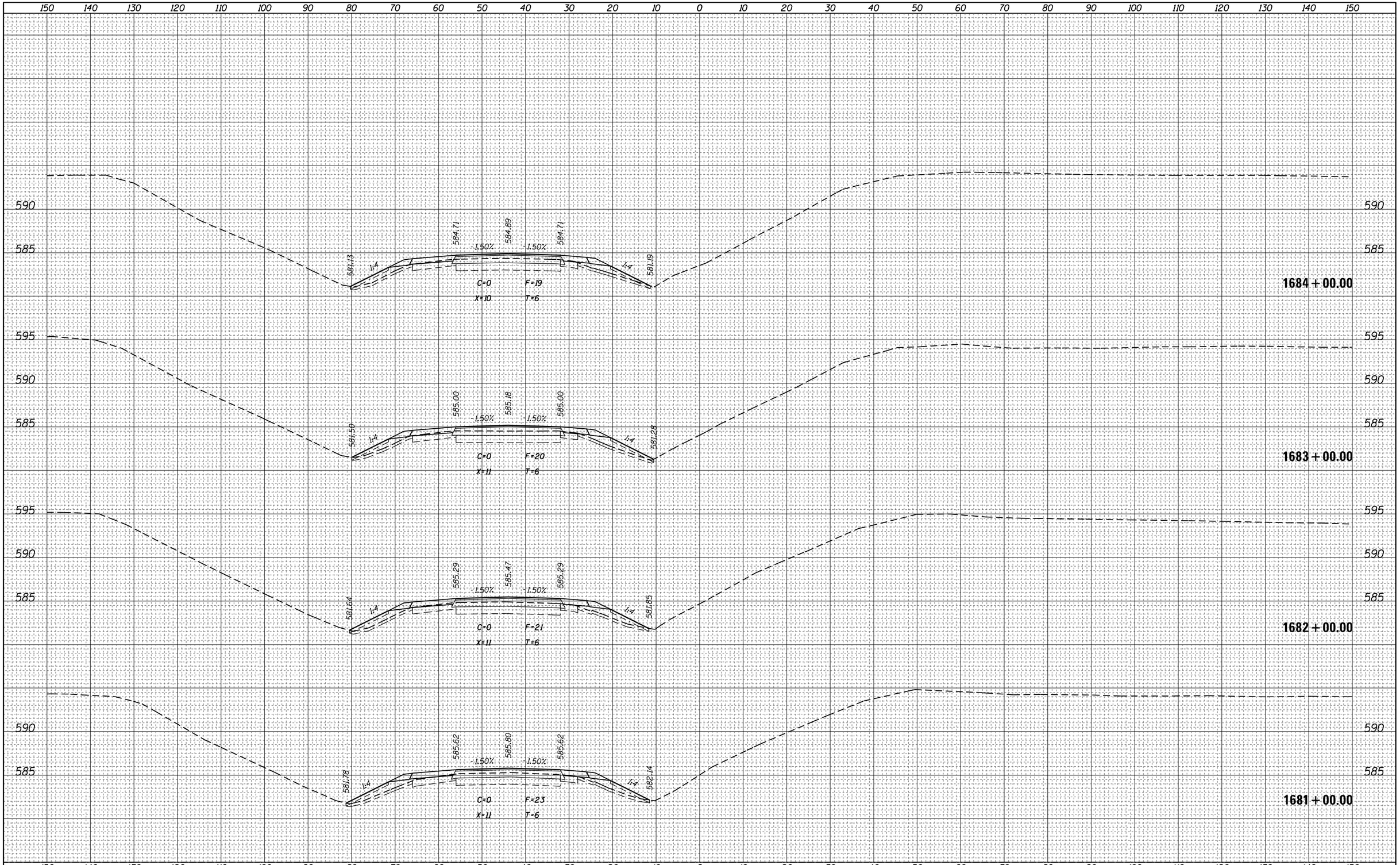
CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1678+48.00 TO STA.1680+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	258
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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



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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

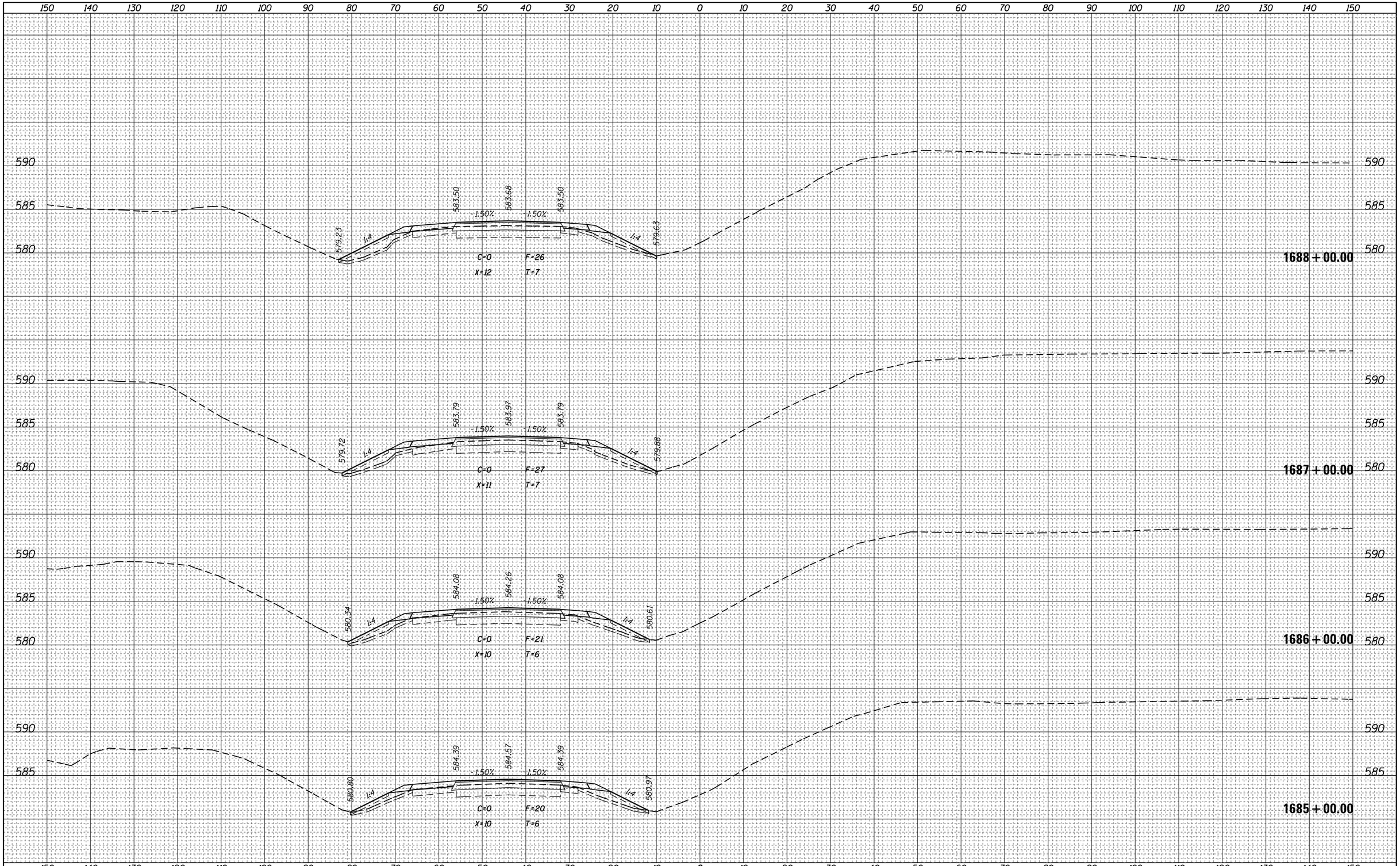
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1681+00.00 TO STA.1684+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	259
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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



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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

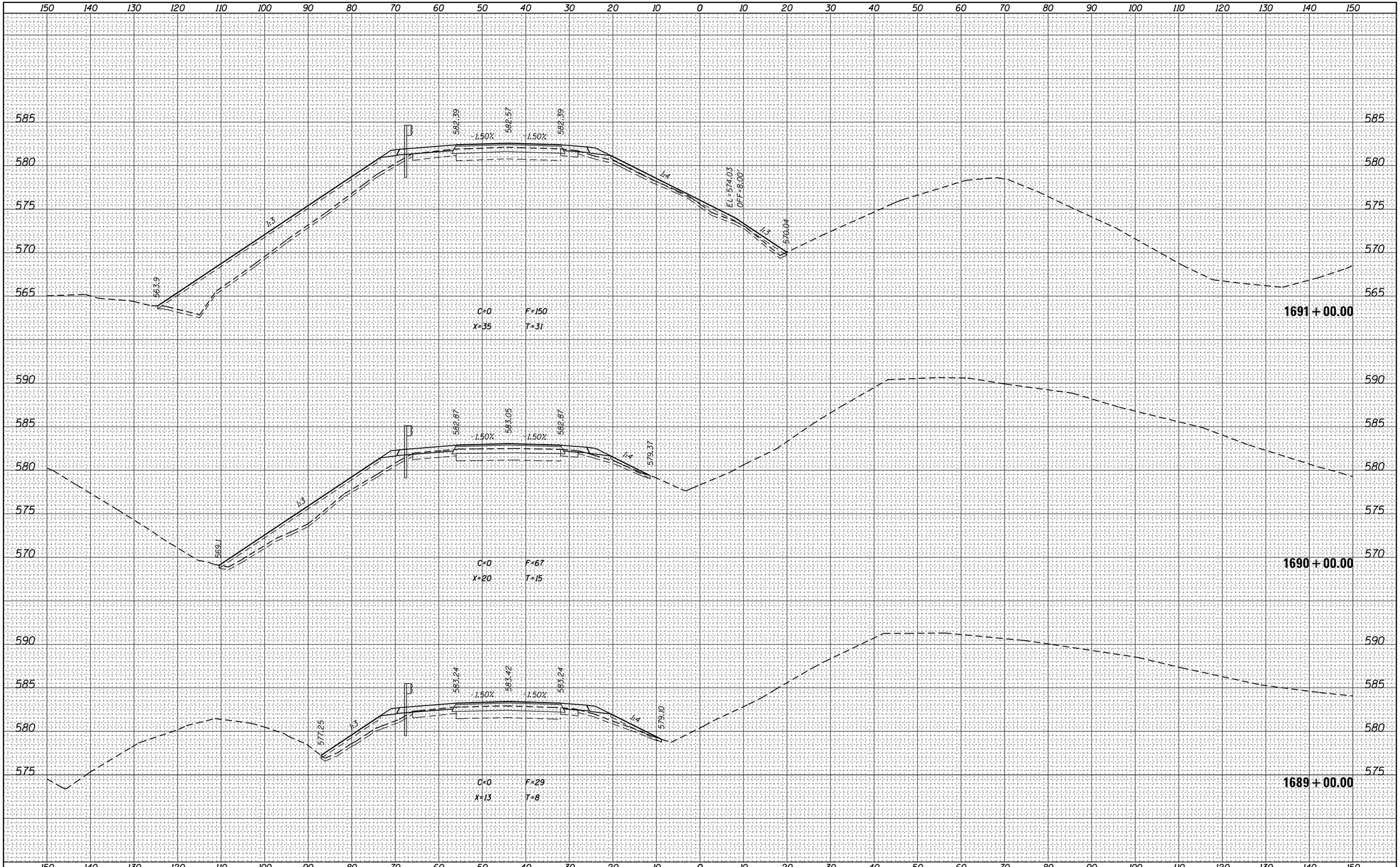
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1685+00.00 TO STA.1688+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	260
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

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



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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1689+00.00 TO STA. 1691+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	261
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	NOTE BOOK		
	PAGE NOS.		
	NO.		

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK		
	PAGE NOS.		
	NO.		

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

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

585 580 575 570 565 560

581.64 581.82 581.64

1.50% 1.50%

1:3 1:3

556.9 557.3

C=0 F=617
X=52 T=46

1693 + 00.00

582.01 582.19 582.01

1.50% 1.50%

1:3 1:4 1:3

EL=573.65
OFF=8.00'

558.2 558.01

C=0 F=503
X=52 T=48

1692 + 00.00

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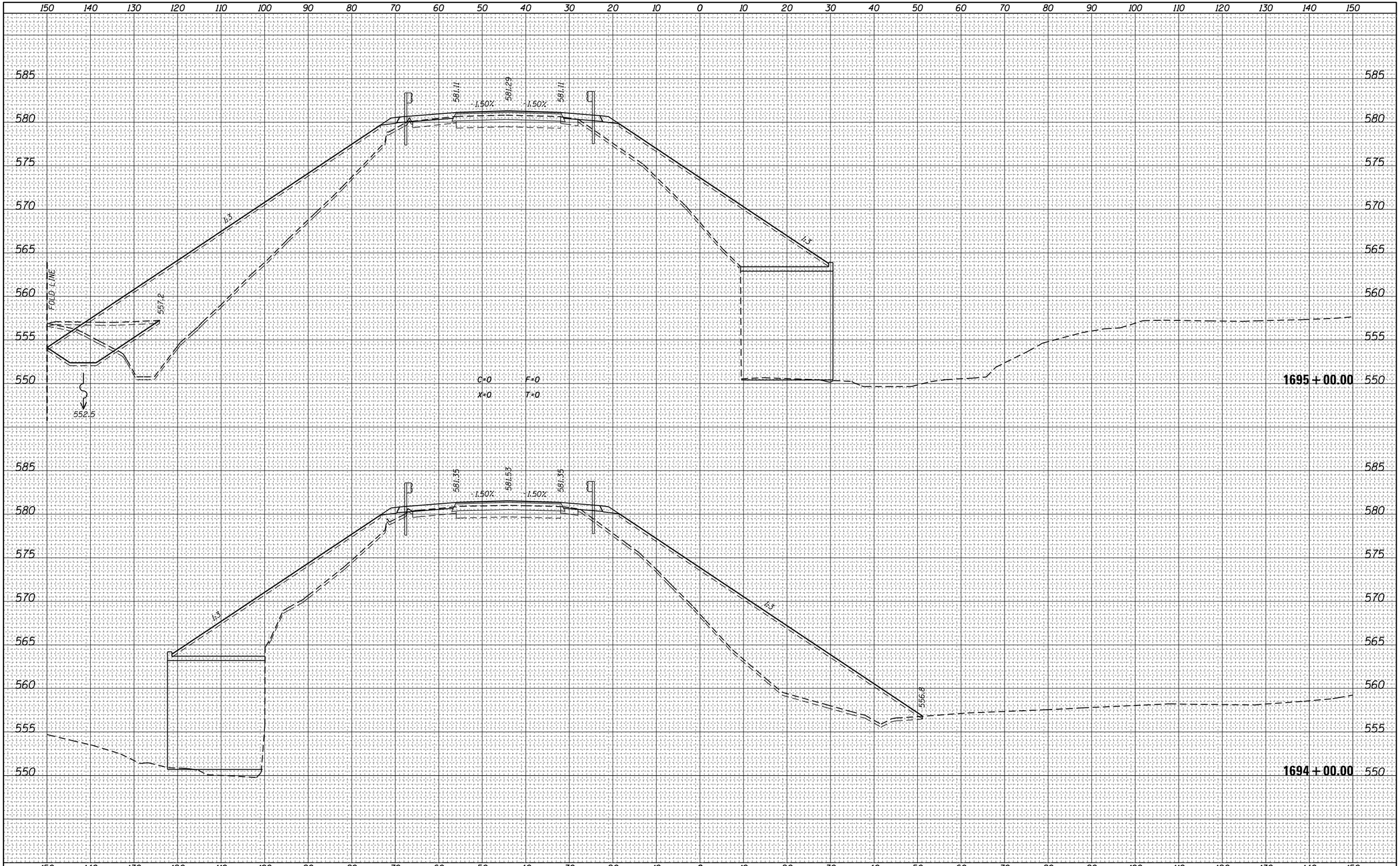
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1692+00.00 TO STA. 1693+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	262
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY

NO.	NOTE BOOK	BY	DATE

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY

NO.	NOTE BOOK	BY	DATE

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TEMPLATE
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AREAS CHECKED

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

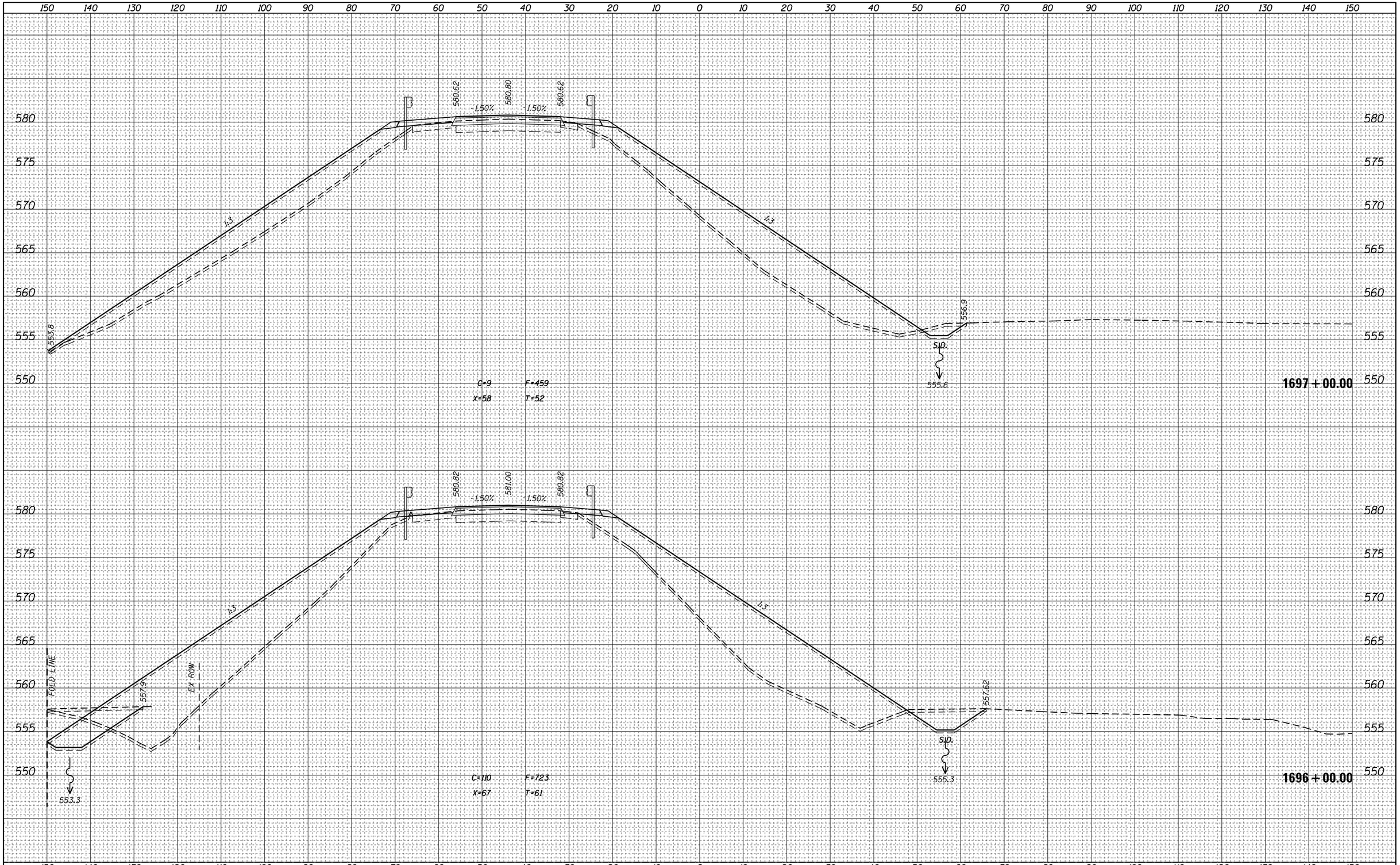
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1694+00.00 TO STA.1695+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	263
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE



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

BY	DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

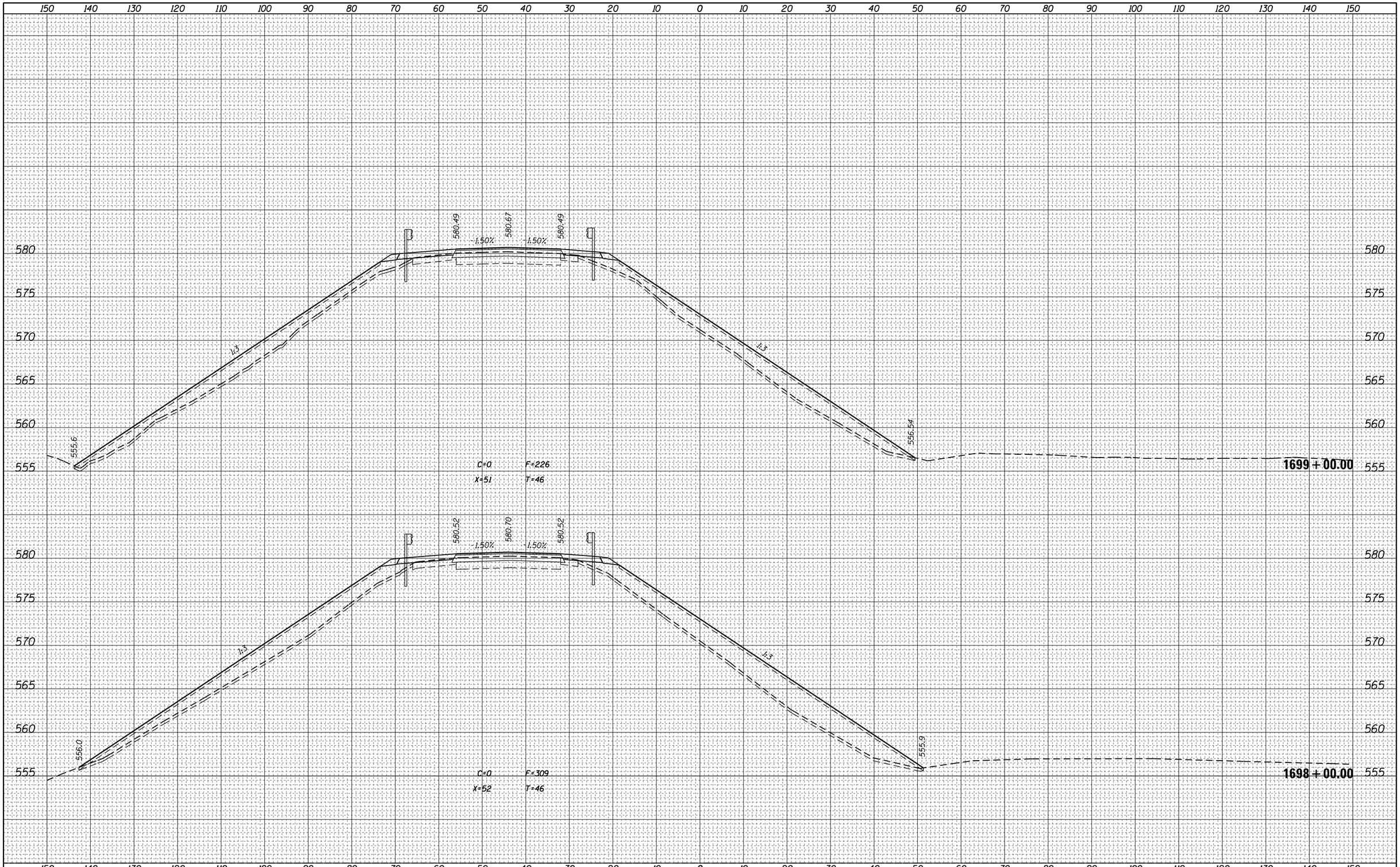
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1696+00.00 TO STA.1697+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	264
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

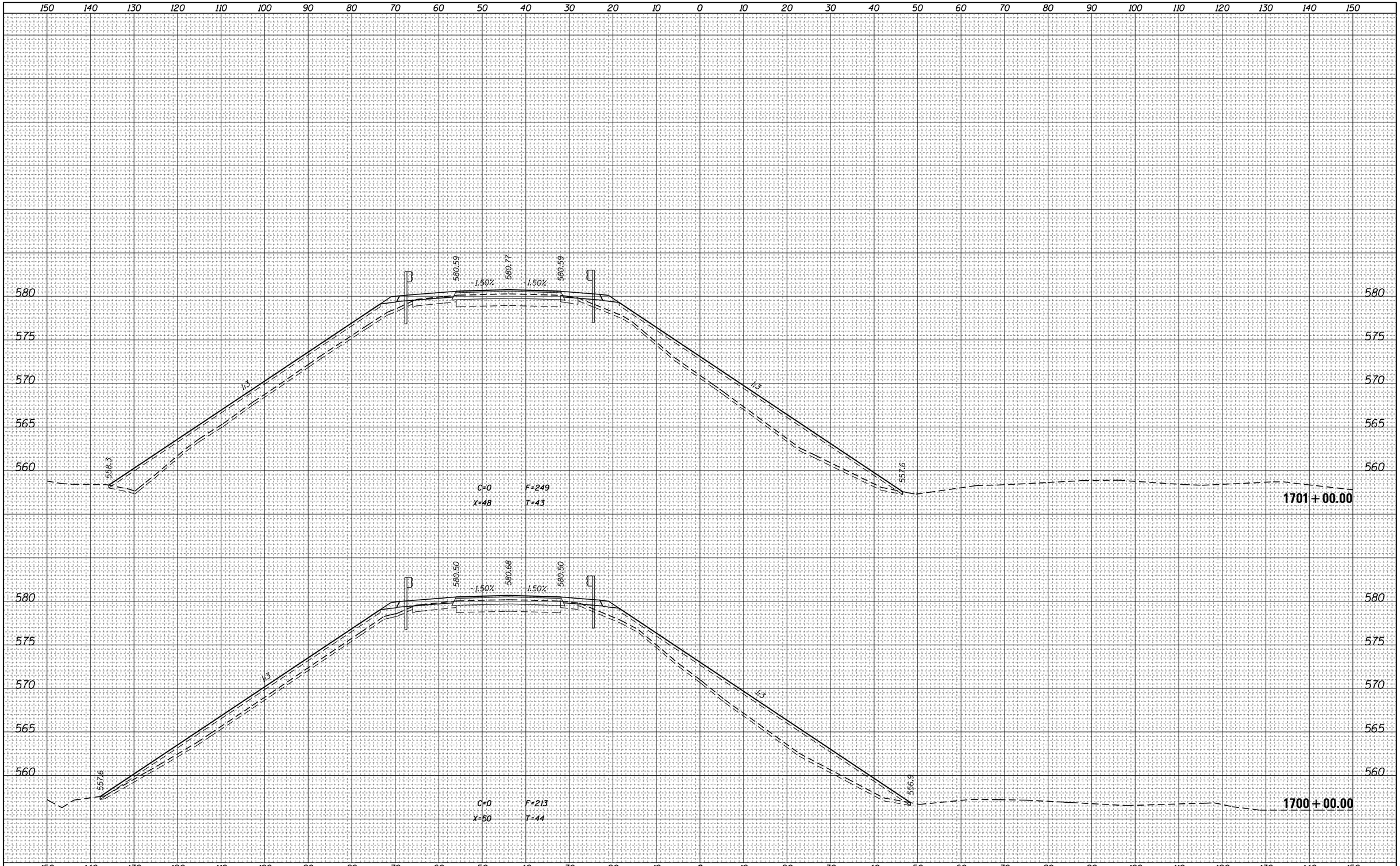
CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1698+00.00 TO STA.1699+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	265
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1700+00.00 TO STA.1701+00.00

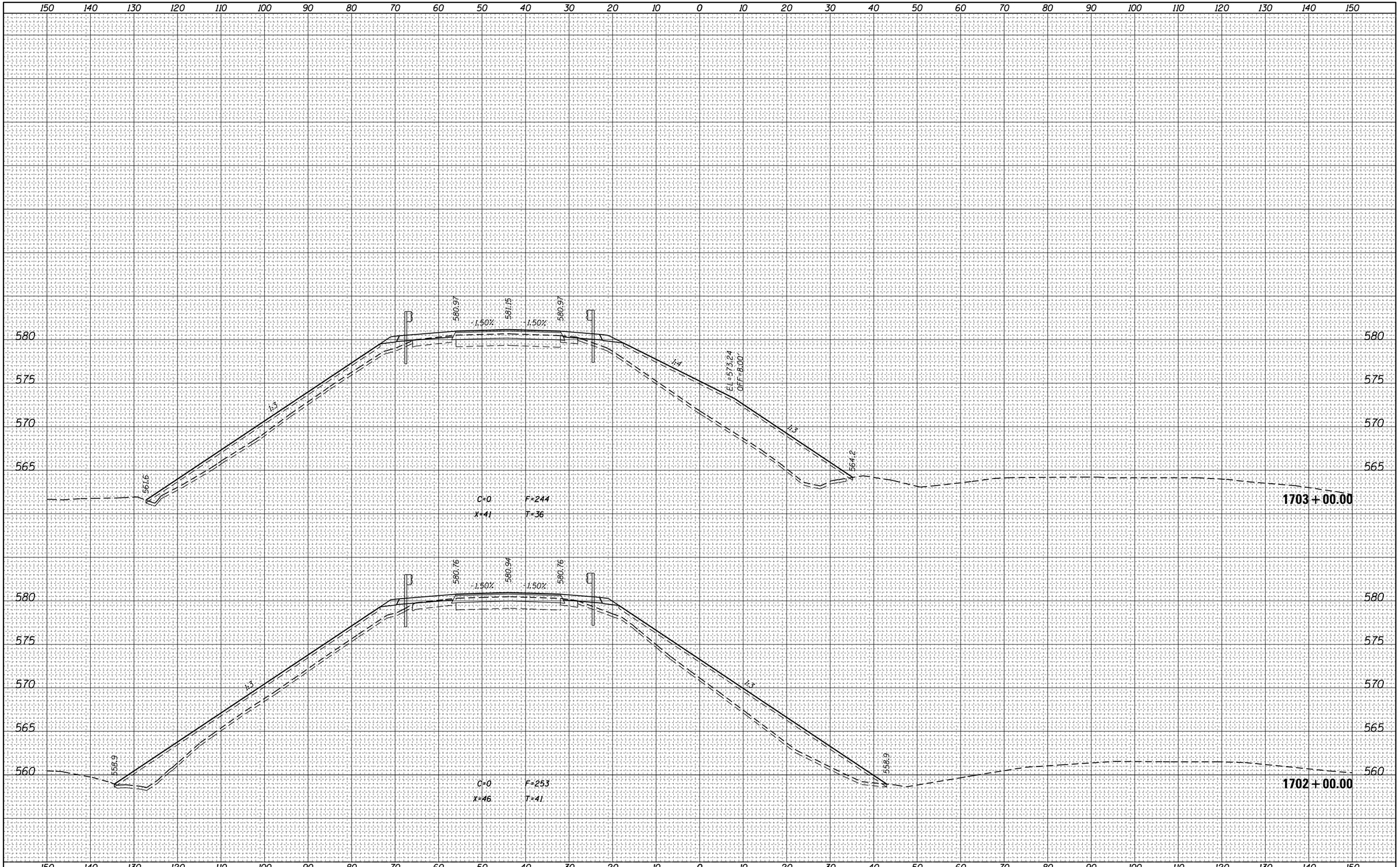
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	266
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE

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

BY	DATE



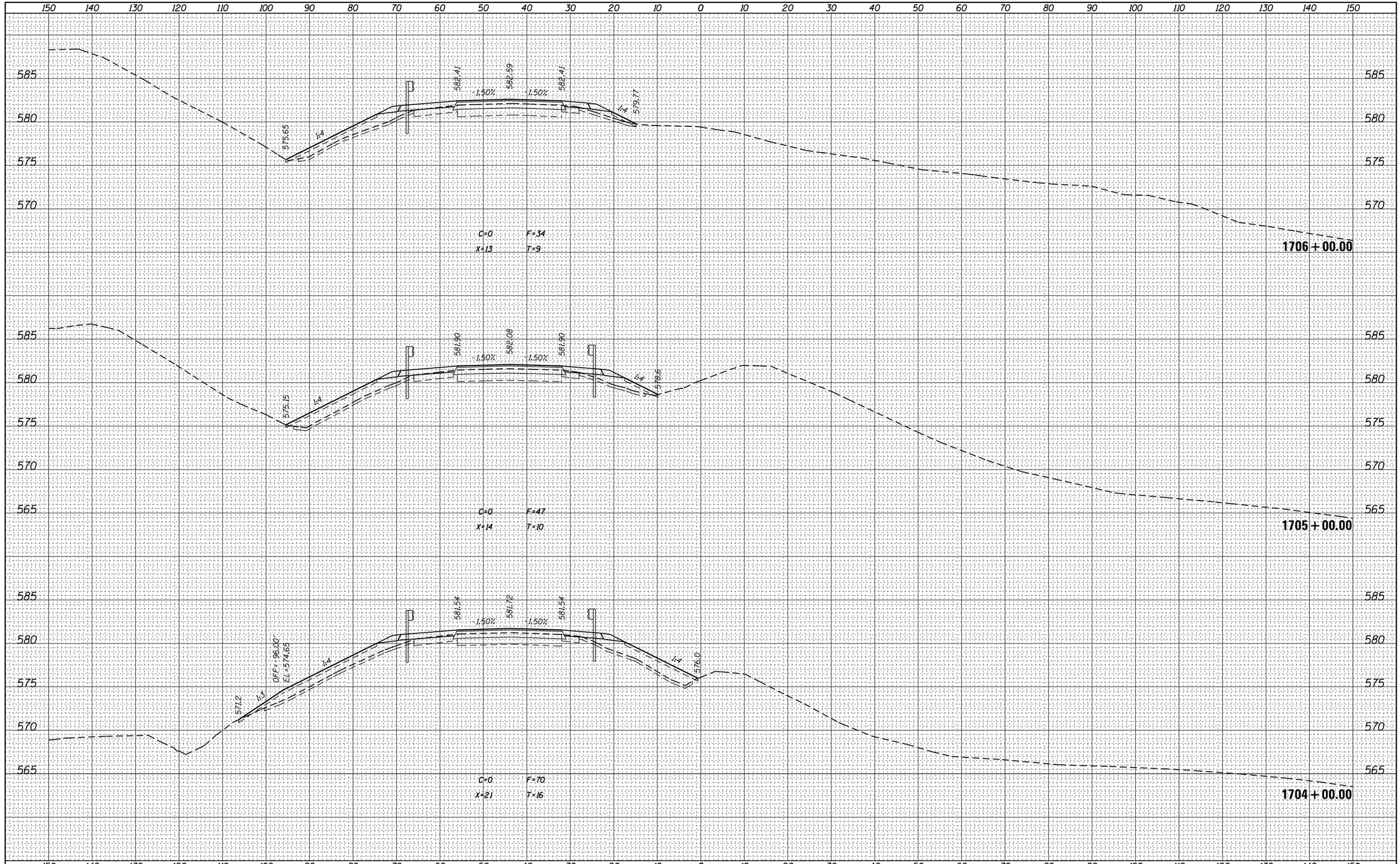
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	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1702+00.00 TO STA.1703+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	267
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



FINAL SURVEY

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

ORIGINAL SURVEY

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

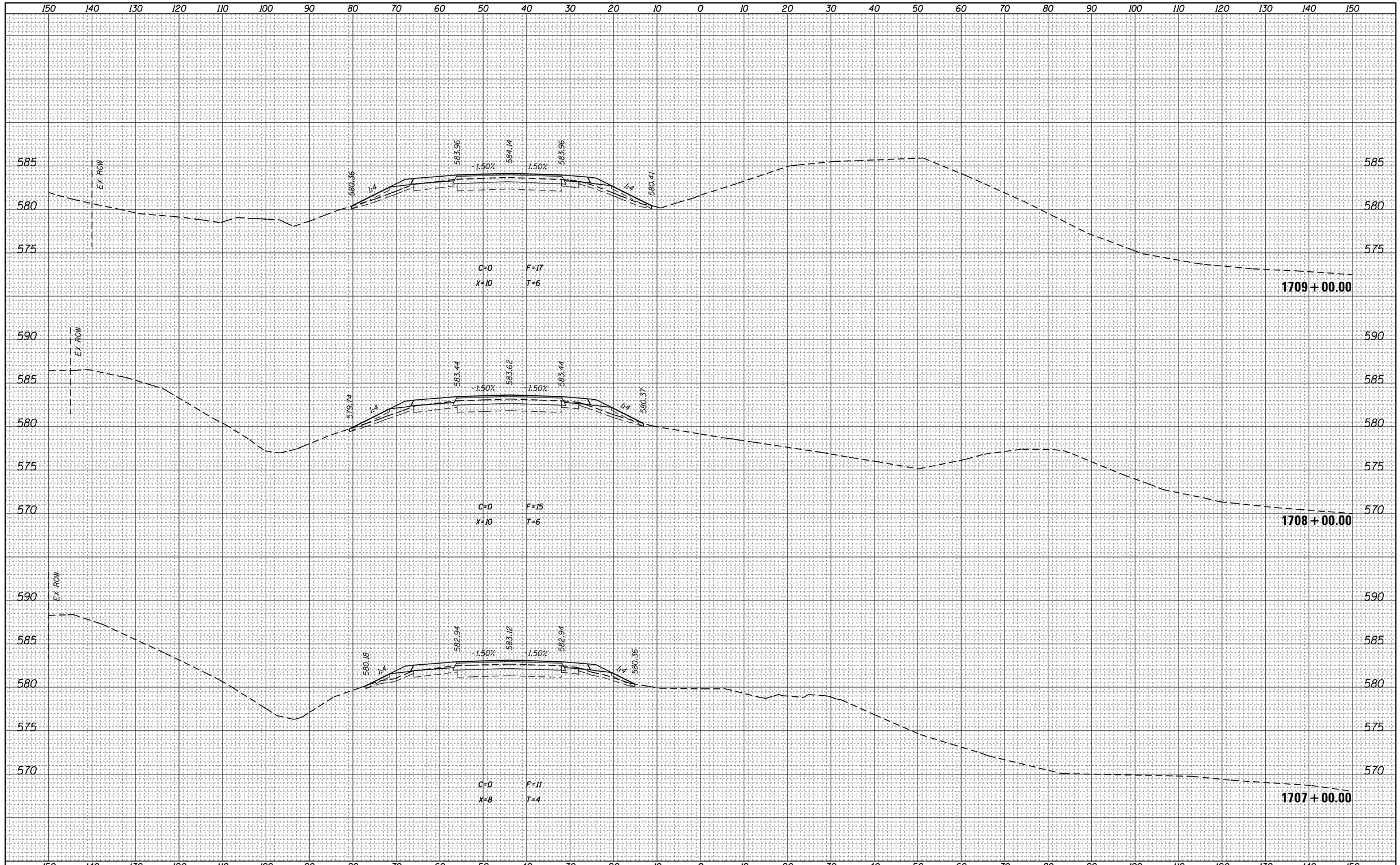
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1704+00.00 TO STA.1706+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	268
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY

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

ORIGINAL SURVEY

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

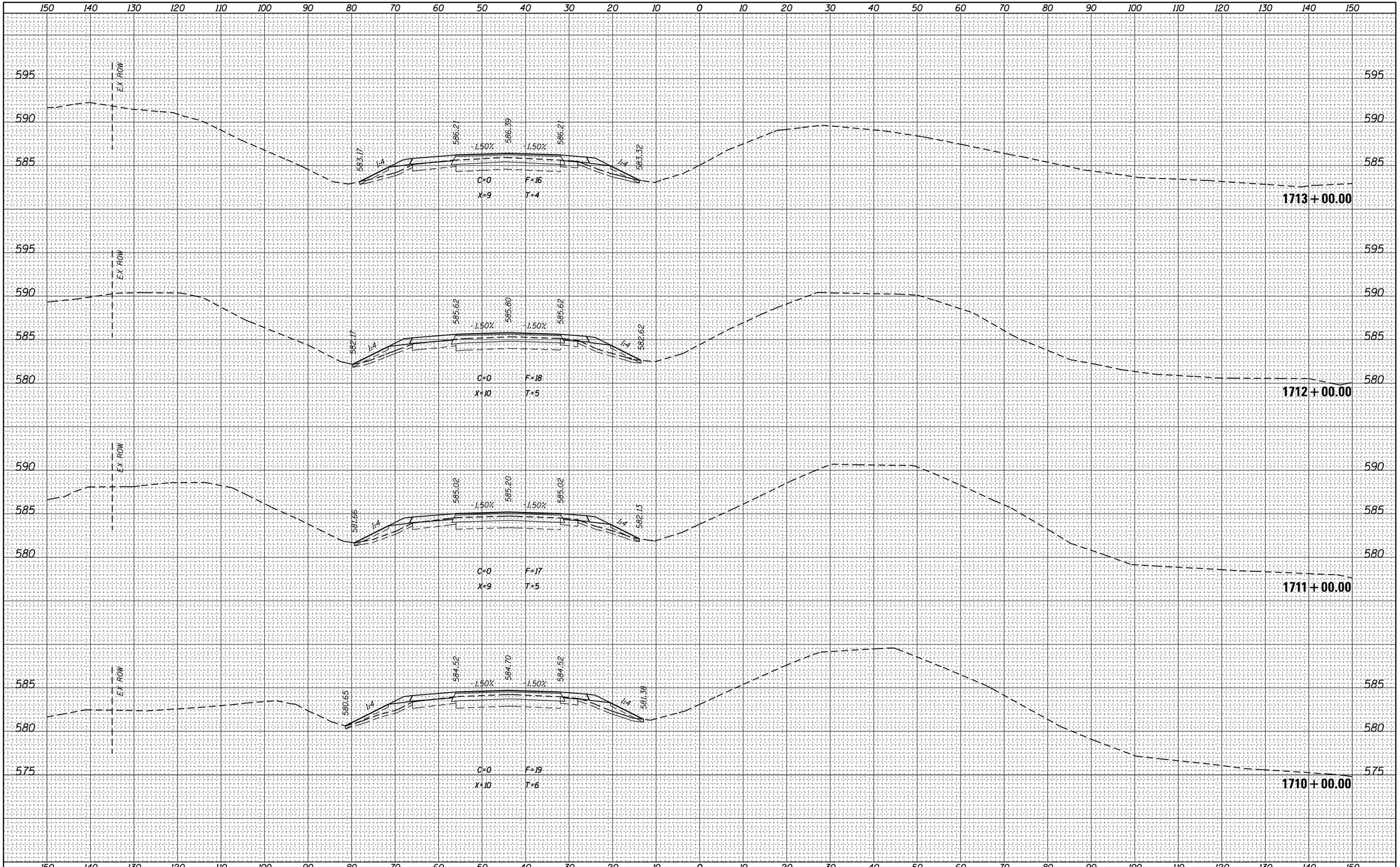
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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1707+00.00 TO STA.1709+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	269
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY

NO.	BY	DATE
NOTE BOOK		
AREAS		
AREAS CHECKED		

SURVEYED
PLOTTED
TEMPLATE

ORIGINAL SURVEY

NO.	BY	DATE
NOTE BOOK		
AREAS		
AREAS CHECKED		

SURVEYED
PLOTTED
TEMPLATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

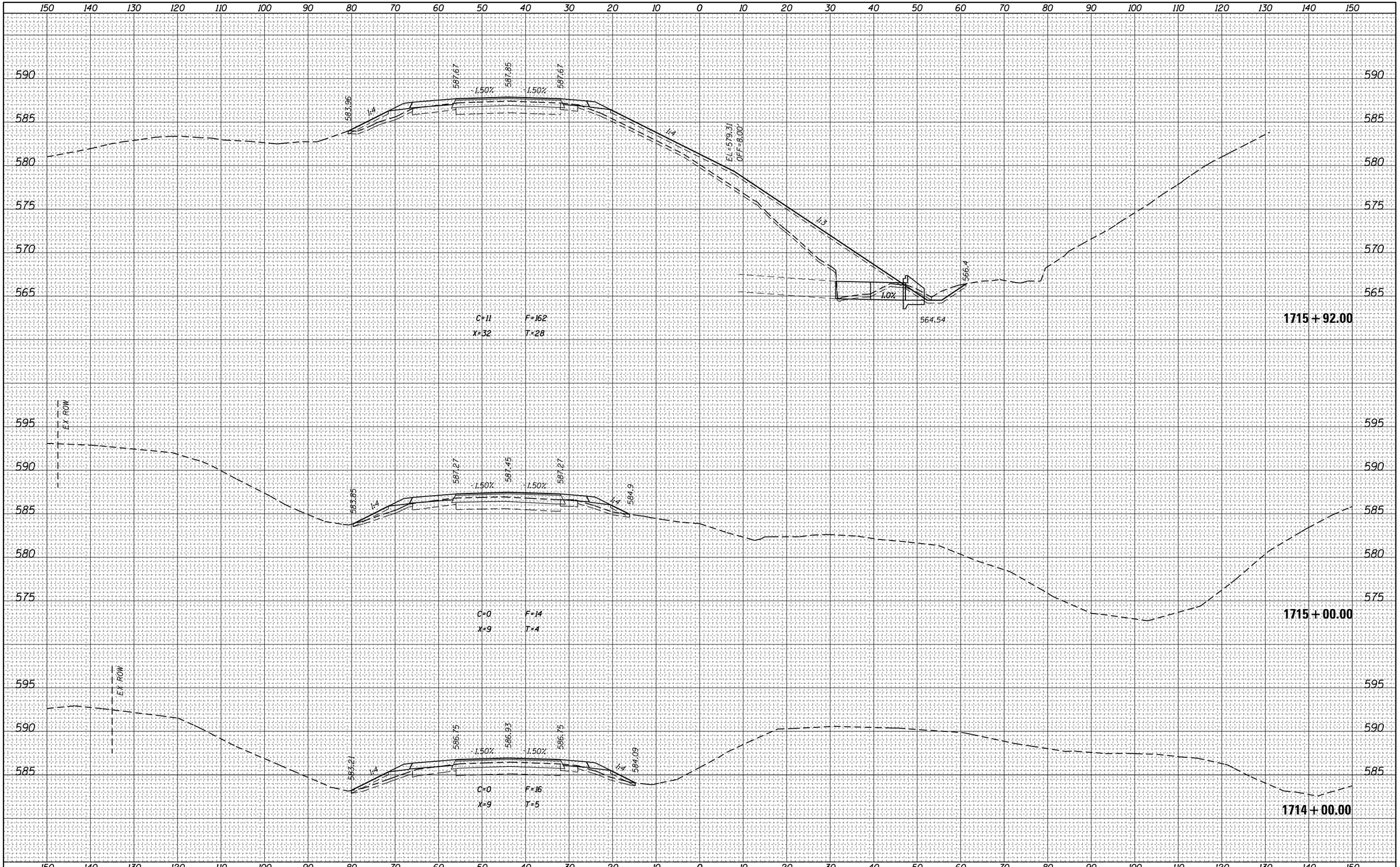
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1710+00.00 TO STA. 1713+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	270
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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

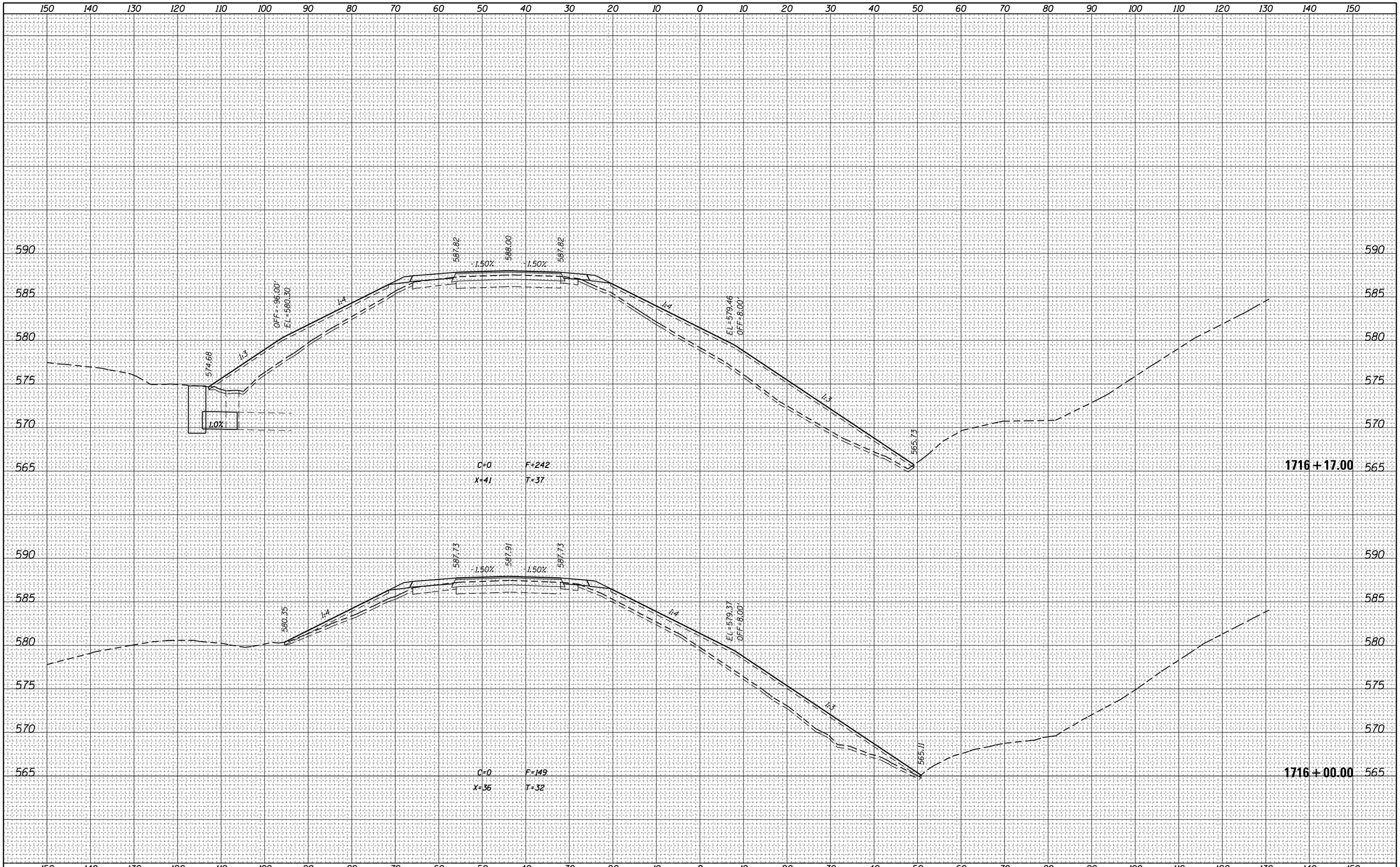


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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -		
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. 1714+00.00 TO STA.1715+92.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	271
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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



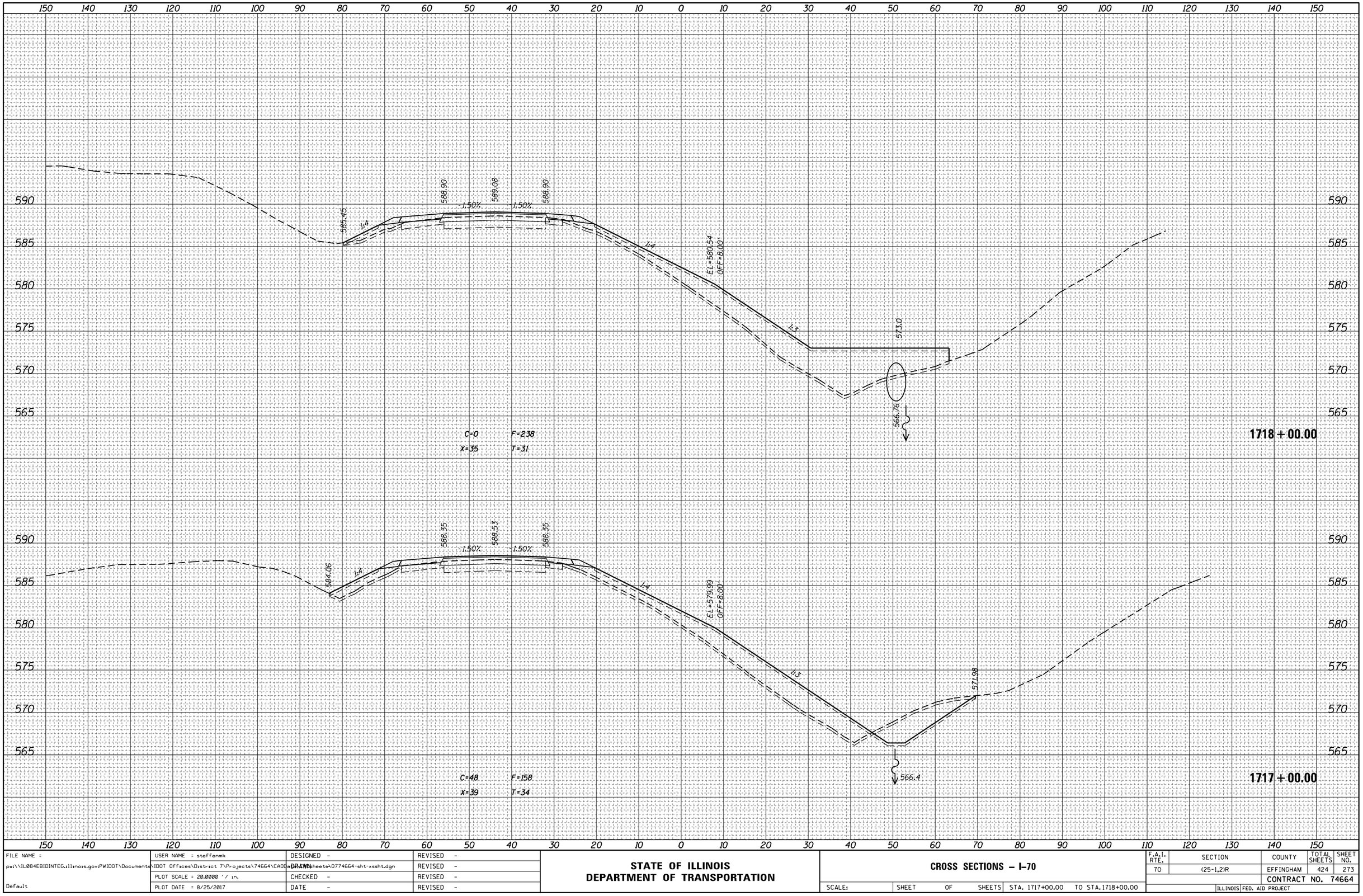
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1716+00.00 TO STA.1716+17.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	272
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY	NO.	NOTE BOOK	BY	DATE

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY	NO.	NOTE BOOK	BY	DATE

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 7\Projects\74664\CADD\Drawings\Sheets\D774664-sht-xssht.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

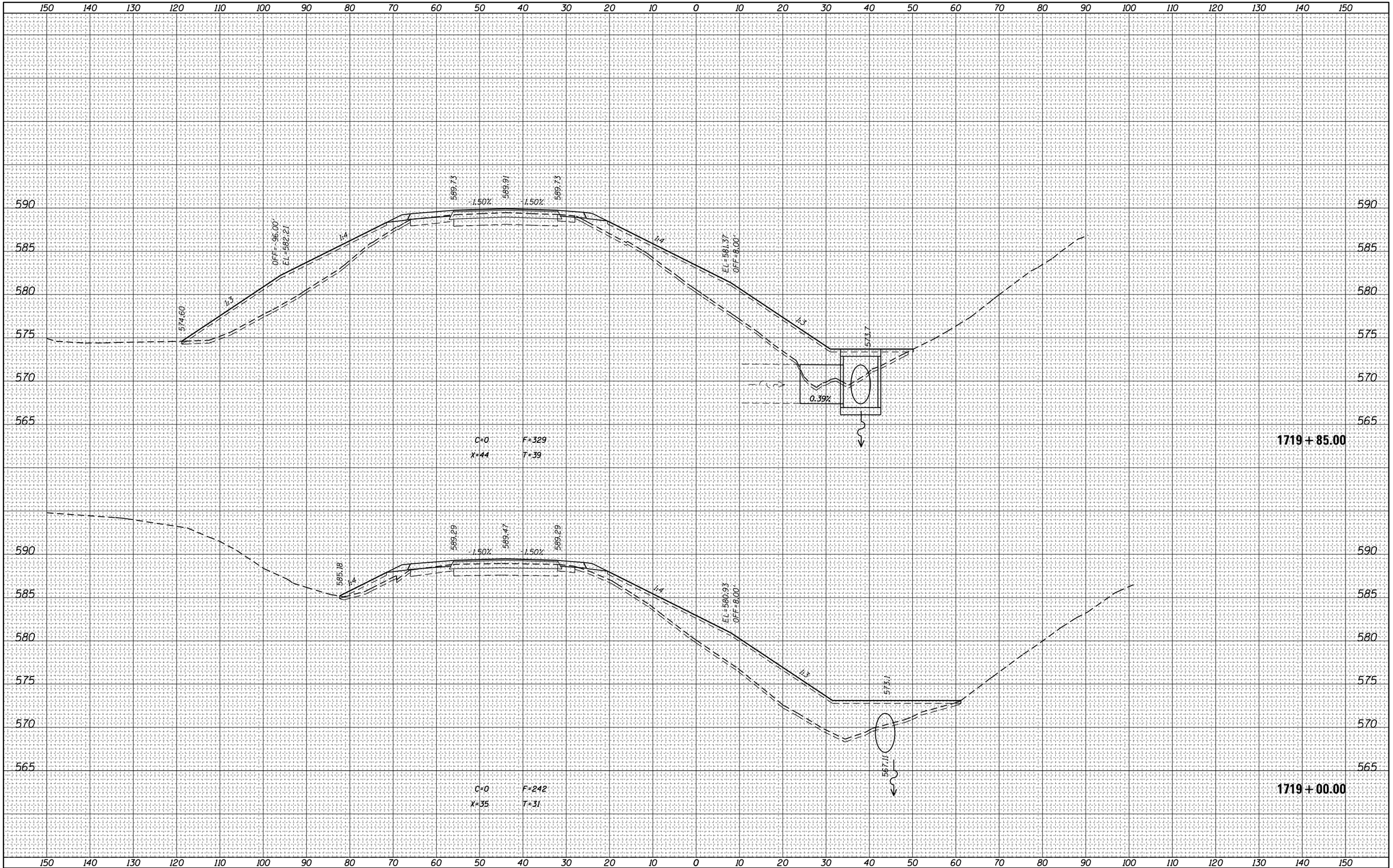
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1717+00.00 TO STA.1718+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	273
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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



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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1719+00.00 TO STA.1719+85.00

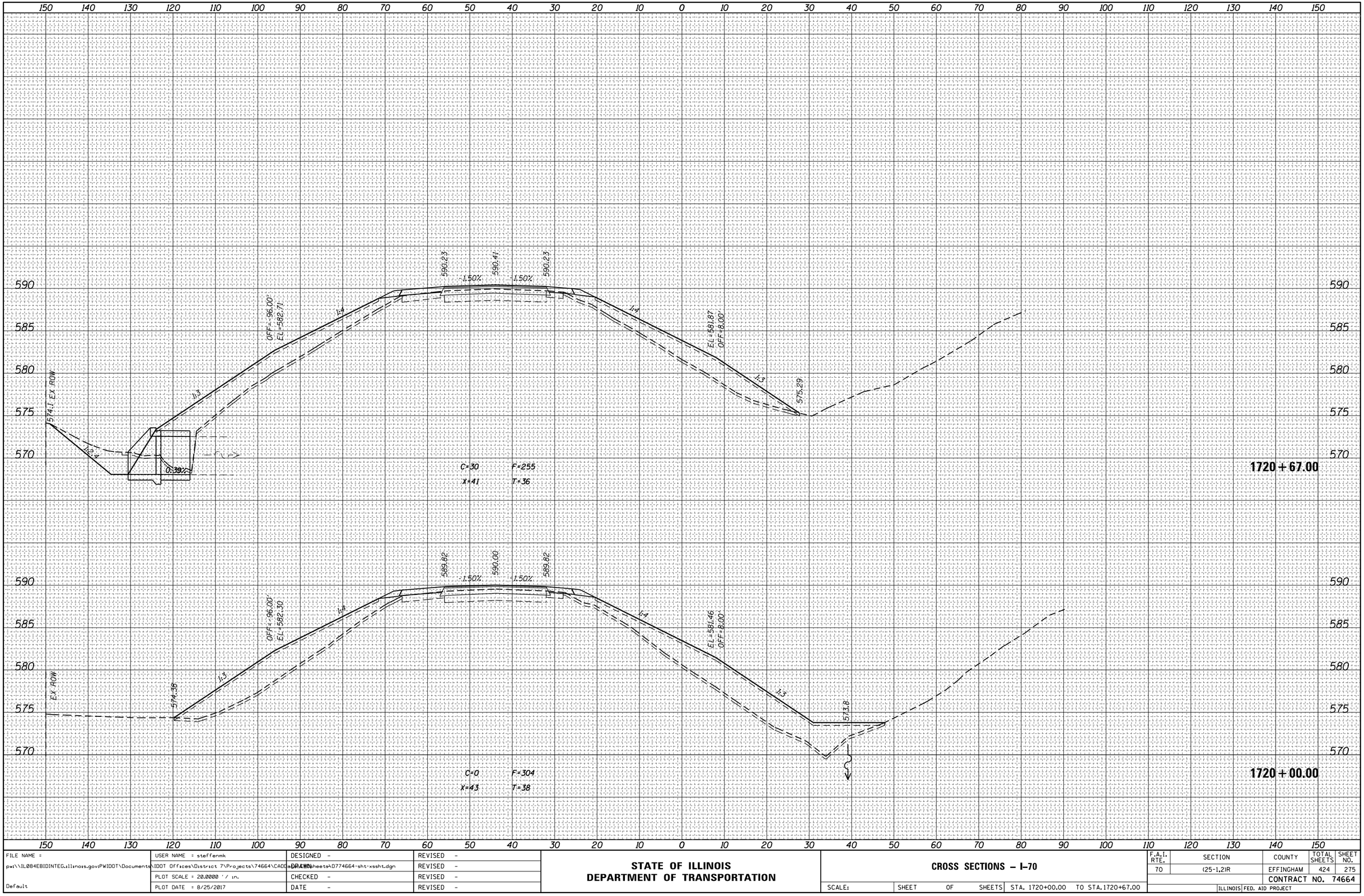
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	274
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

BY	DATE

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

BY	DATE



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Default	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

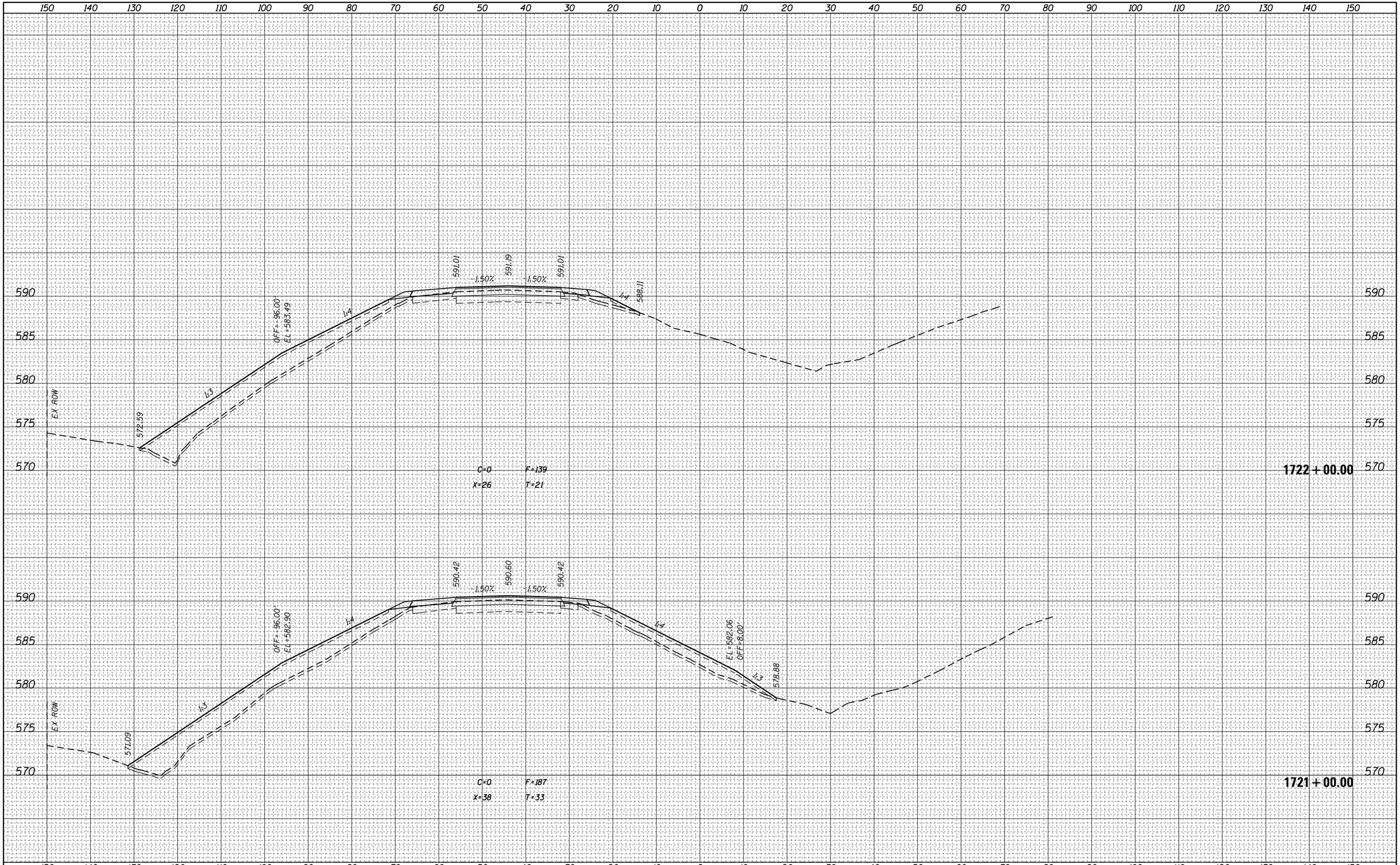
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1720+00.00 TO STA.1720+67.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	275
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE



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

BY	DATE

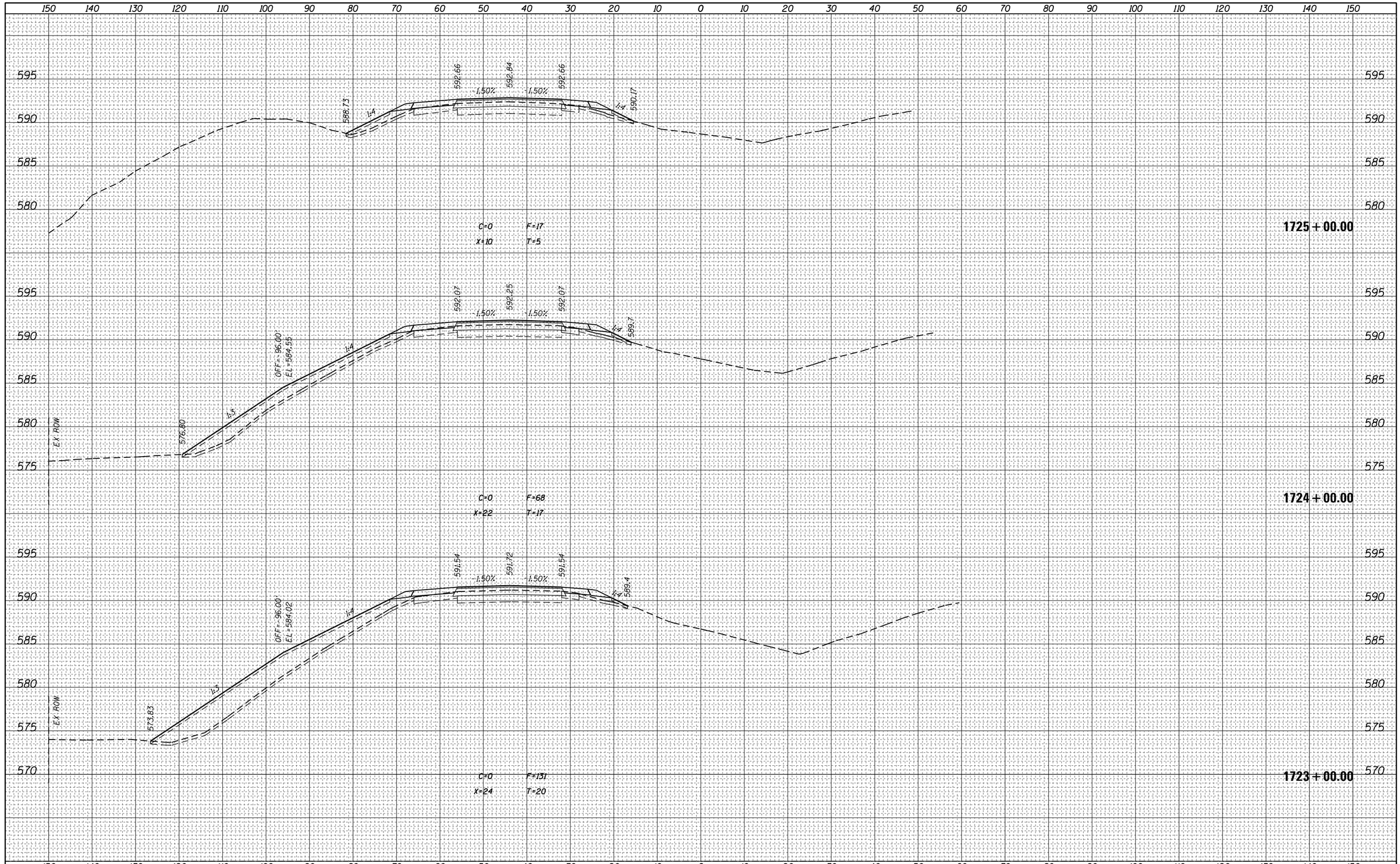
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1721+00.00 | TO STA. 1722+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	276
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		



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

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1723+00.00 TO STA.1725+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	277
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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

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

595
590

EX. ROW

590.59 1:4 593.85 -1.50% 594.03 -1.50% 593.85 1:4 591.41

C=0 F=14
X=9 T=4

1727 + 00.00

595
590

593.79 1:4 593.29 -1.50% 593.47 -1.50% 593.29 1:4 591.16

C=0 F=13
X=8 T=3

1726 + 00.00

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

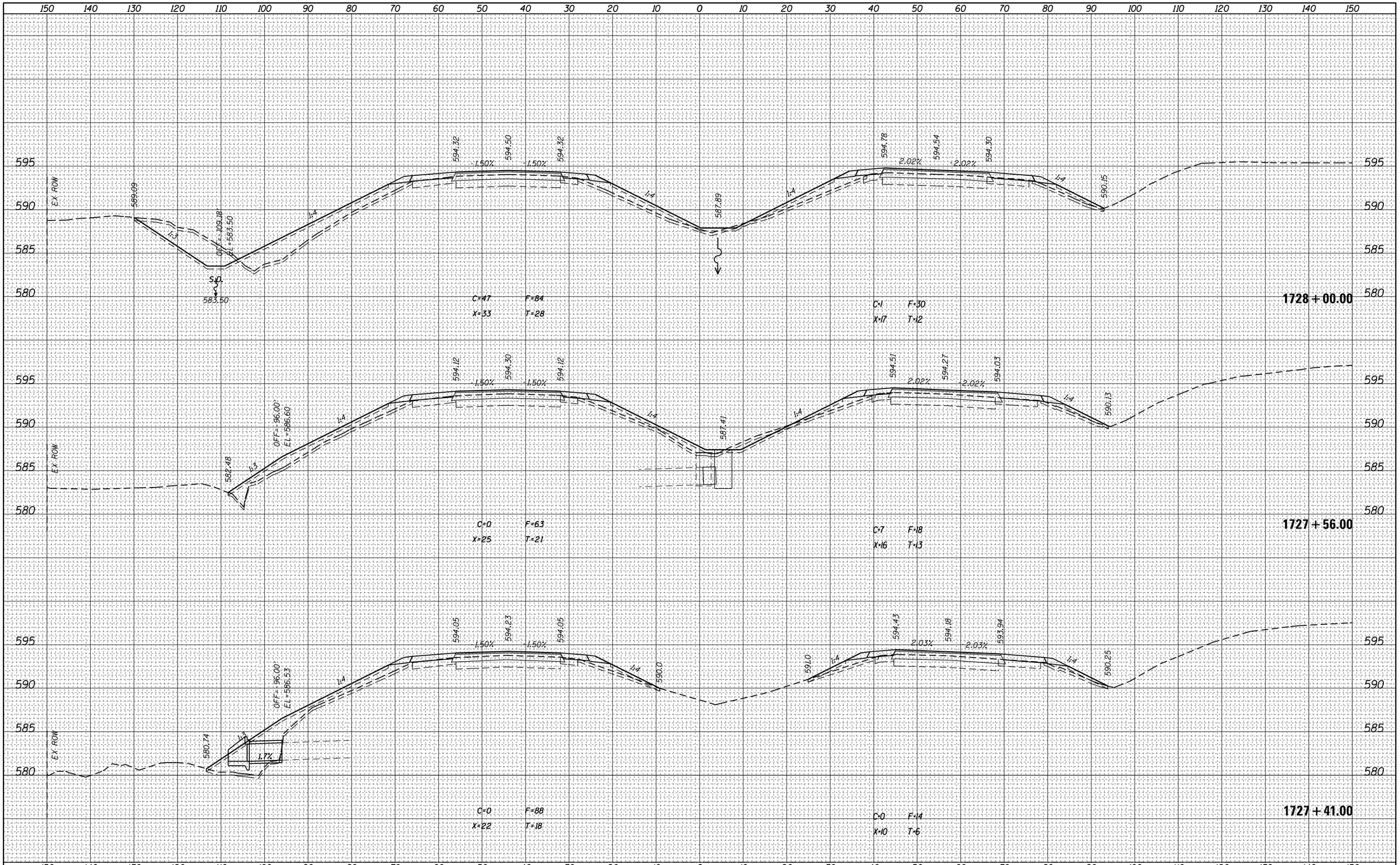
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1726+00.00 TO STA.1727+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	278
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

FINAL SURVEY	NOTE BOOK	NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
ANGLES	
AREAS CHECKED	



ORIGINAL SURVEY	NOTE BOOK	NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
ANGLES	
AREAS CHECKED	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

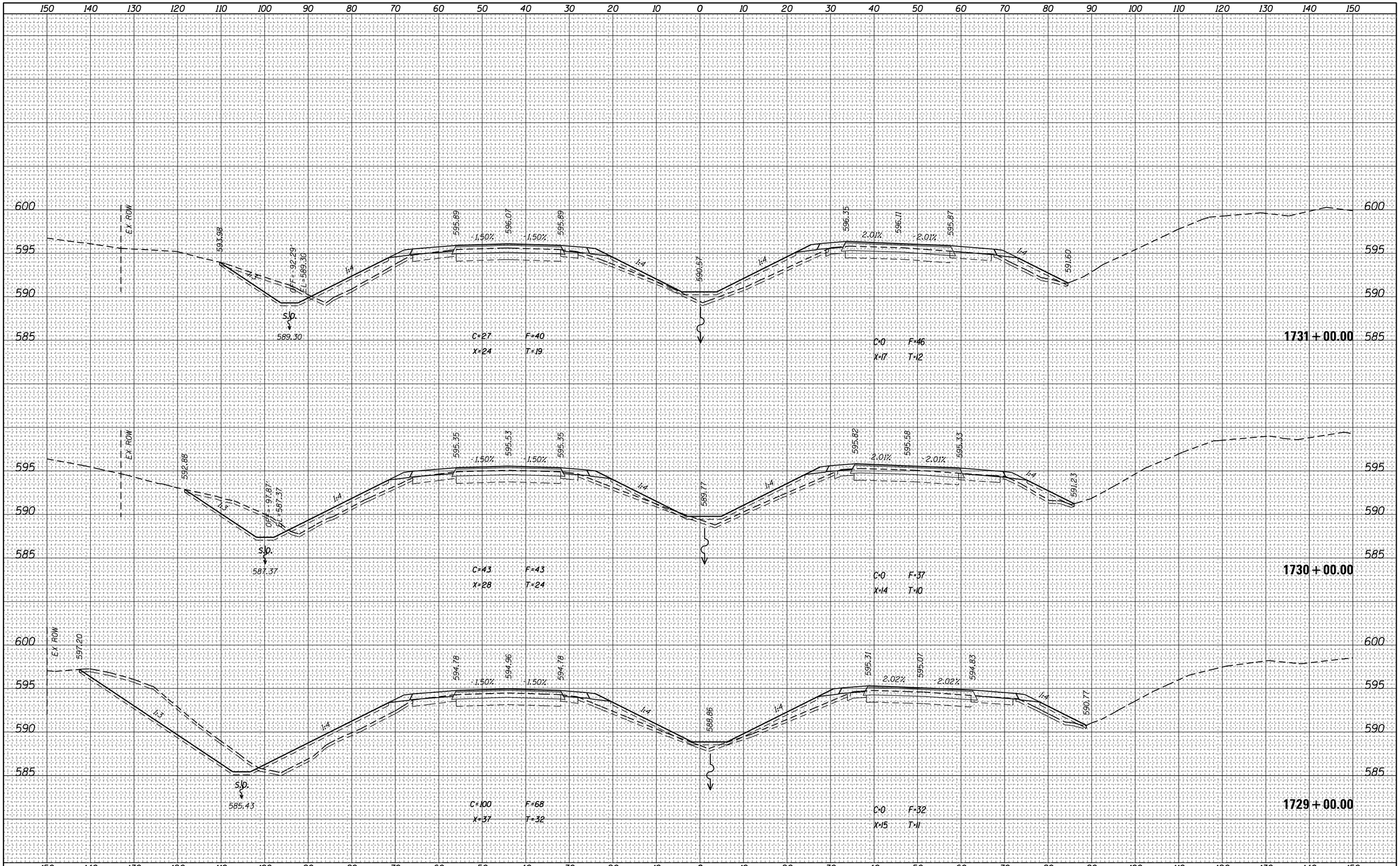
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1727+41.00 | TO STA. 1728+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	279
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

BY	DATE



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

BY	DATE

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1729+00.00 TO STA. 1731+00.00

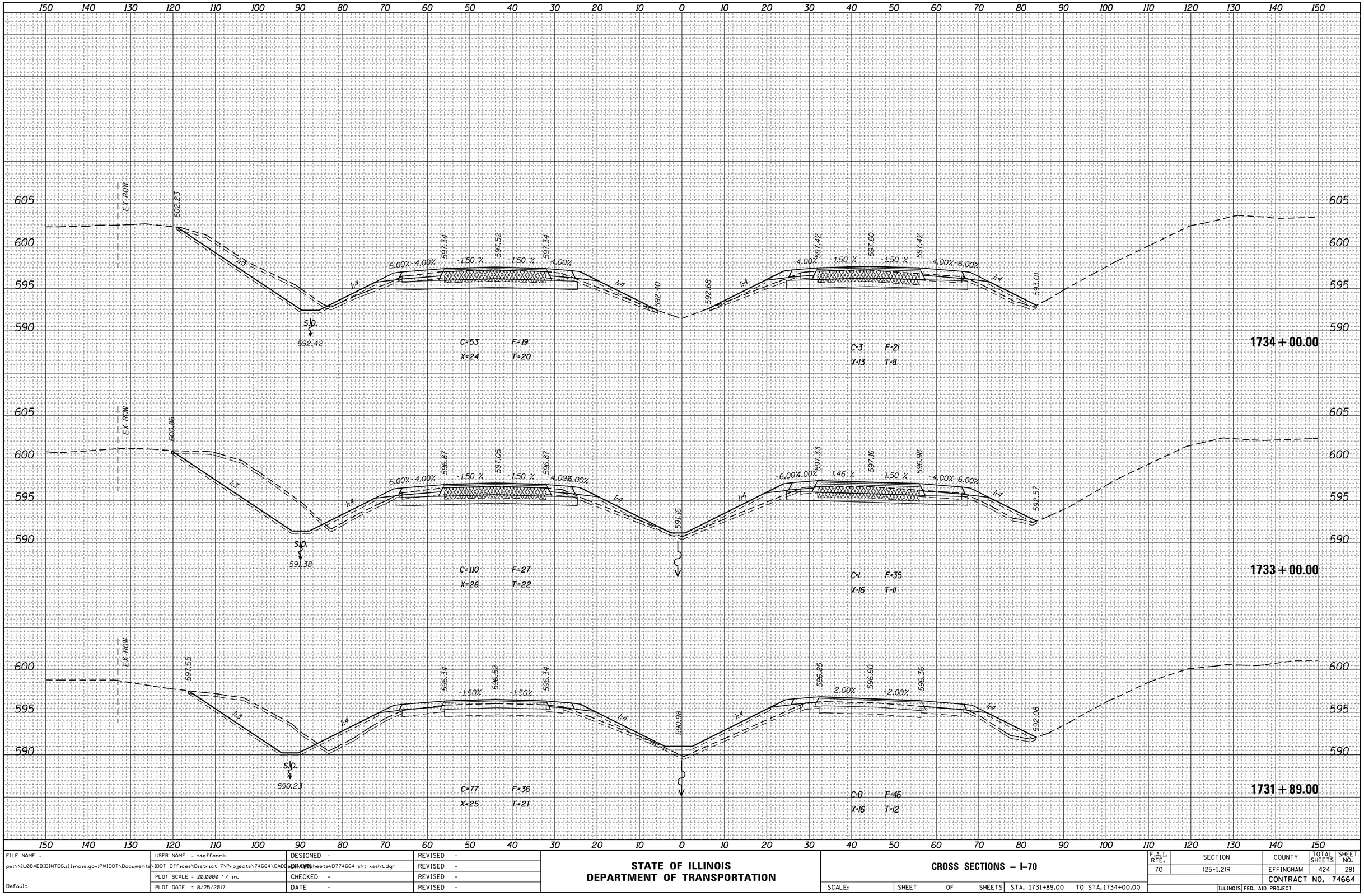
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	280
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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

BY	DATE

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

BY	DATE



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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1731+89.00 TO STA. 1734+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	281
		CONTRACT NO. 74664		
		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

605 600 595

EX. ROW

598.29 598.43 598.61 598.43 598.48 598.66 598.48 595.17

1:3 1:4 6.00% -4.00% 1.50 % -1.50 % 4.00% 4.00% -1.50 % 1.50 % 4.00% -6.00% 1:4

594.91 594.96

C=4 F=4
X=12 T=7

C=12 F=2
X=9 T=4

1737 + 00.00

605 600 595 590

EX. ROW

595.41 598.11 598.29 598.11 594.98 598.14 598.32 598.14 594.75

1:5 1:4 6.00% -4.00% 1.50 % -1.50 % 4.00% 4.00% -1.50 % 1.50 % 4.00% -6.00% 1:4

S.D. 594.50

C=1 F=8
X=11 T=7

C=7 F=6
X=9 T=4

1736 + 00.00

605 600 595 590

EX. ROW

598.79 597.16 597.94 597.16 593.78 597.81 597.99 597.81 593.64

1:4 1:4 6.00% -4.00% 1.50 % -1.50 % 4.00% 4.00% -1.50 % 1.50 % 4.00% -6.00% 1:4

S.D. 593.46 594.12

C=16 F=11
X=19 T=14

C=4 F=12
X=11 T=6

1735 + 00.00

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

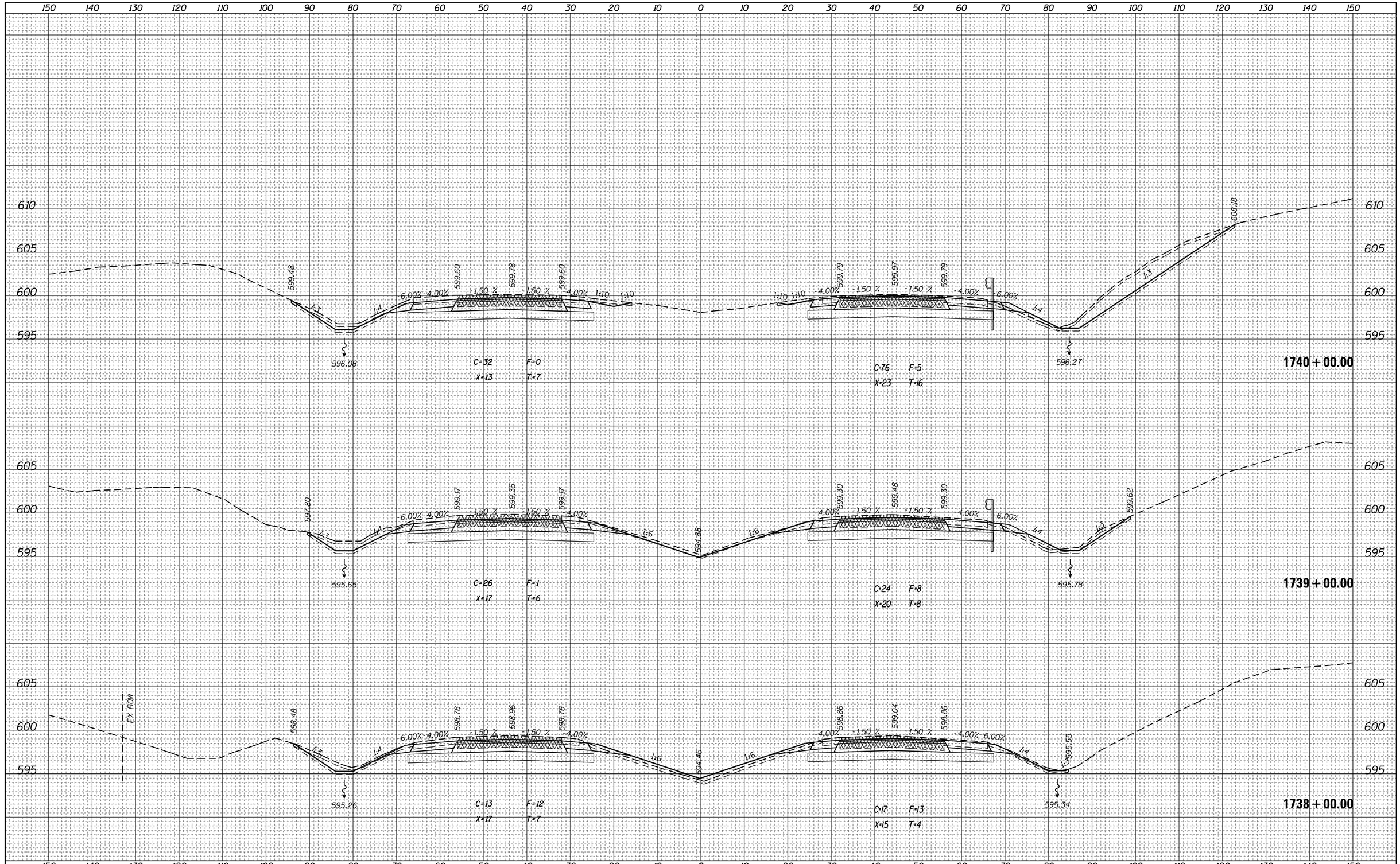
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1735+00.00 TO STA.1737+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	282
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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

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



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

BY	DATE

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

BY	DATE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

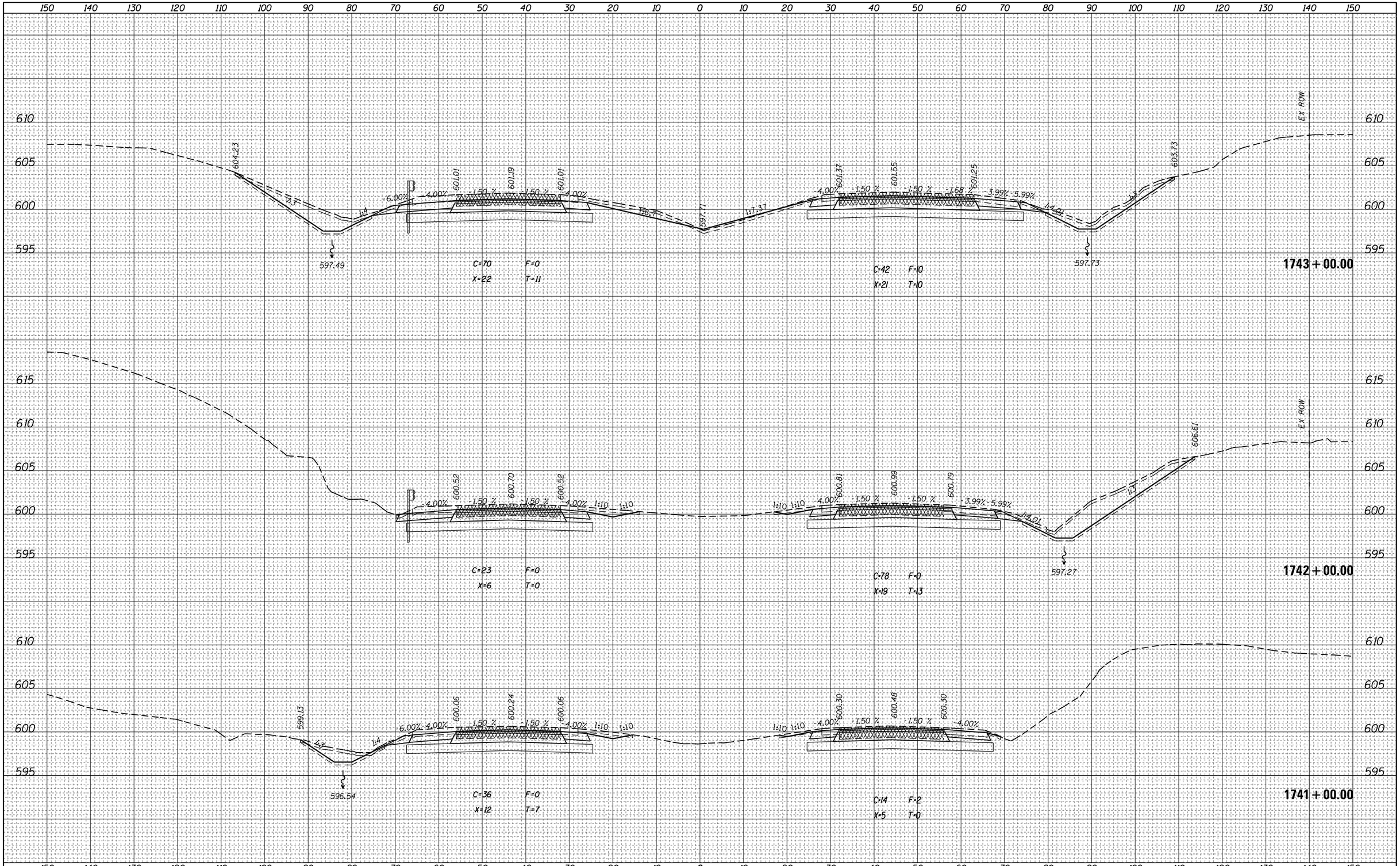
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1738+00.00 TO STA.1740+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	283
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

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



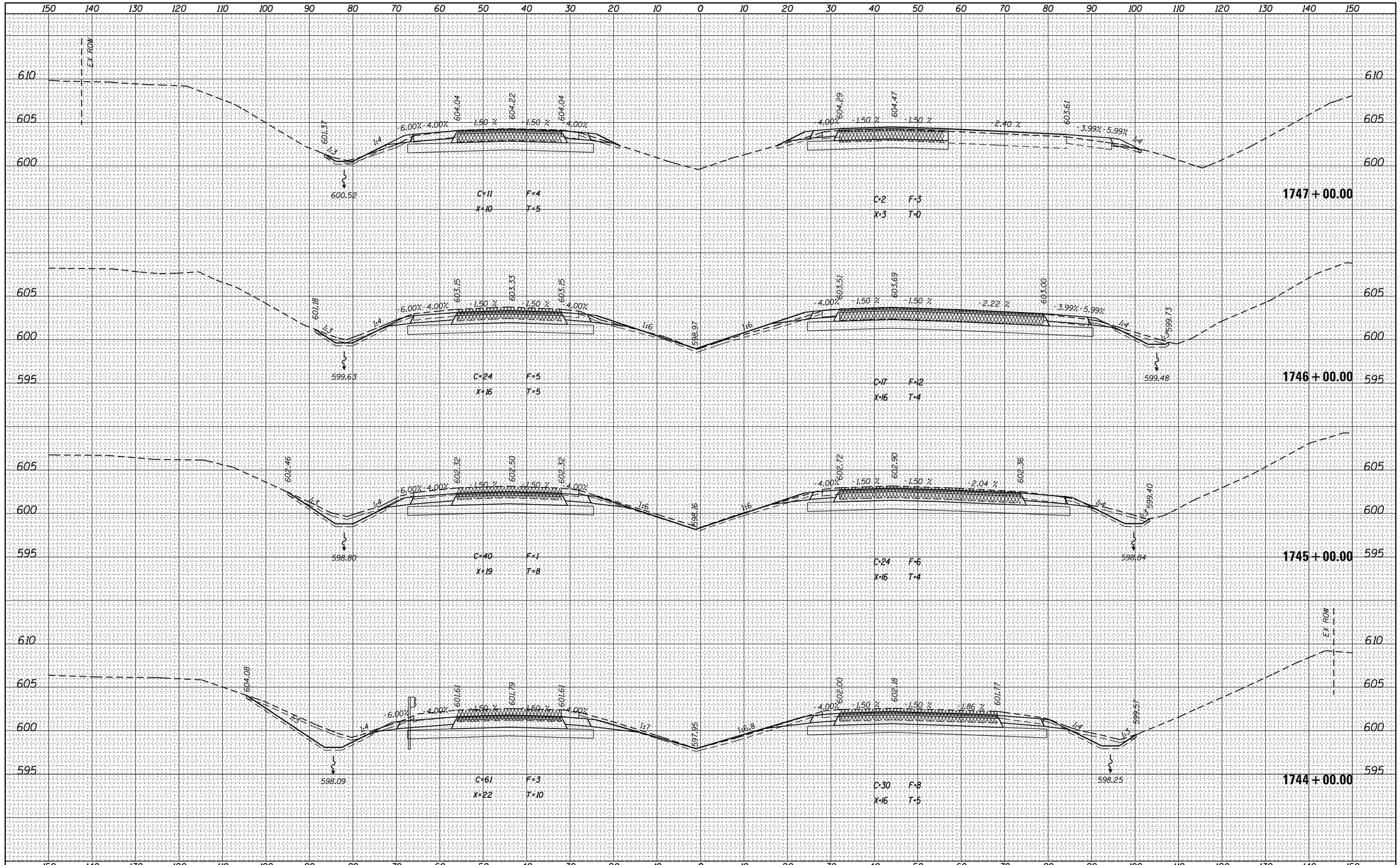
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Default	PLOT DATE = 8/25/2017	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1741+00.00 TO STA.1743+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	284
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



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

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

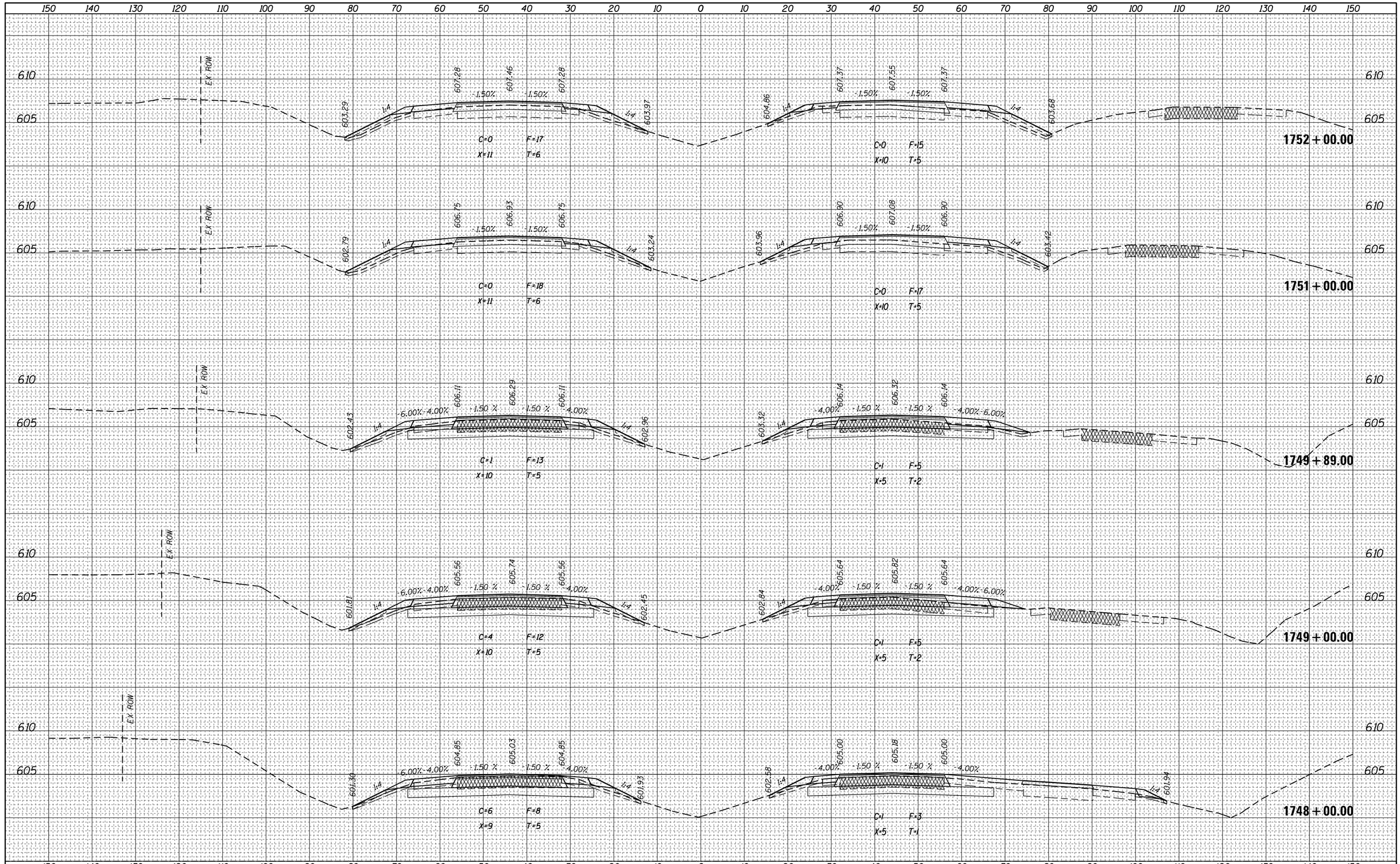
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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1744+00.00 TO STA. 1747+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	285
		CONTRACT NO. 74664		
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY / ORIGINAL SURVEY

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

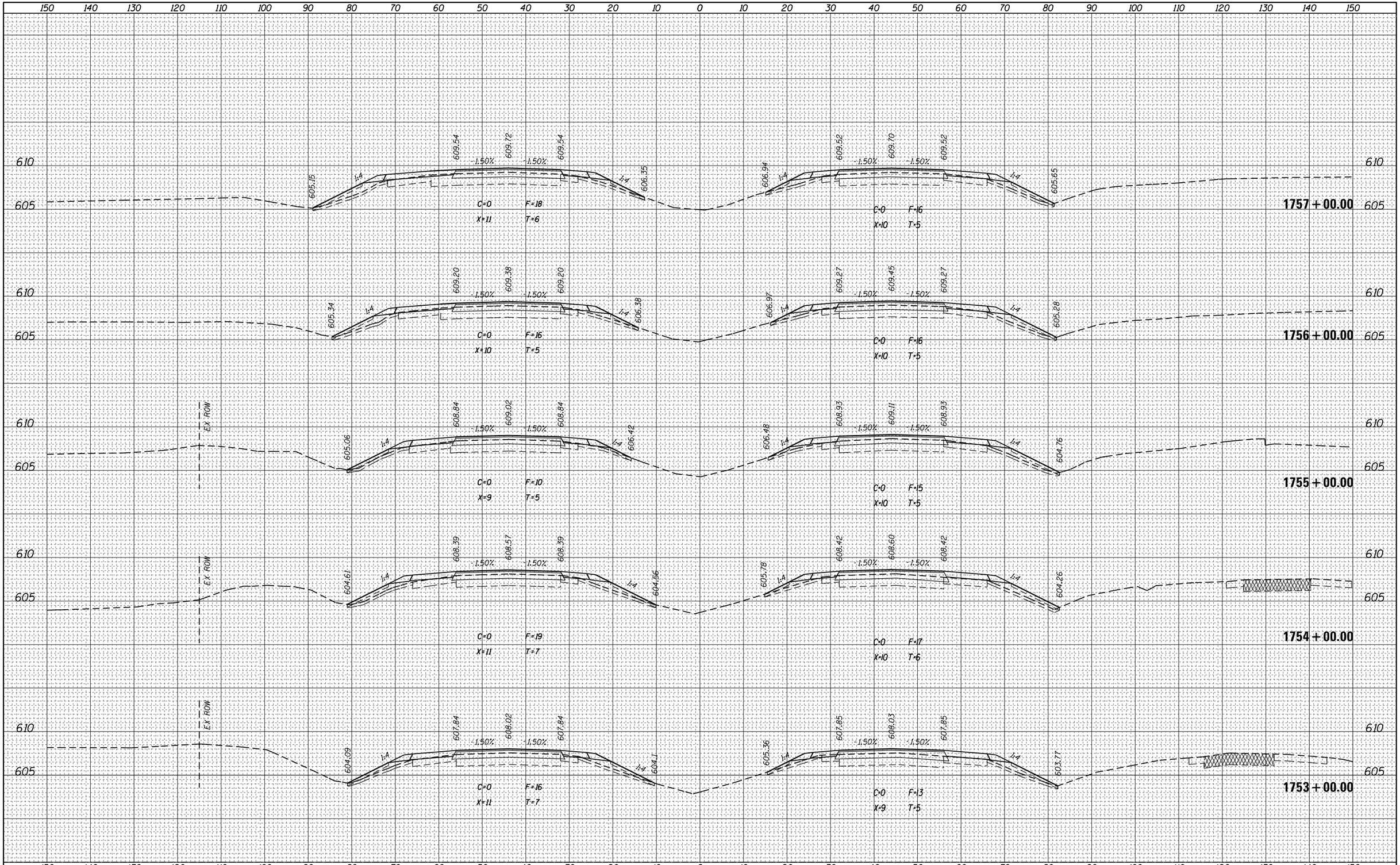
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1748+00.00 TO STA.1752+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	286
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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



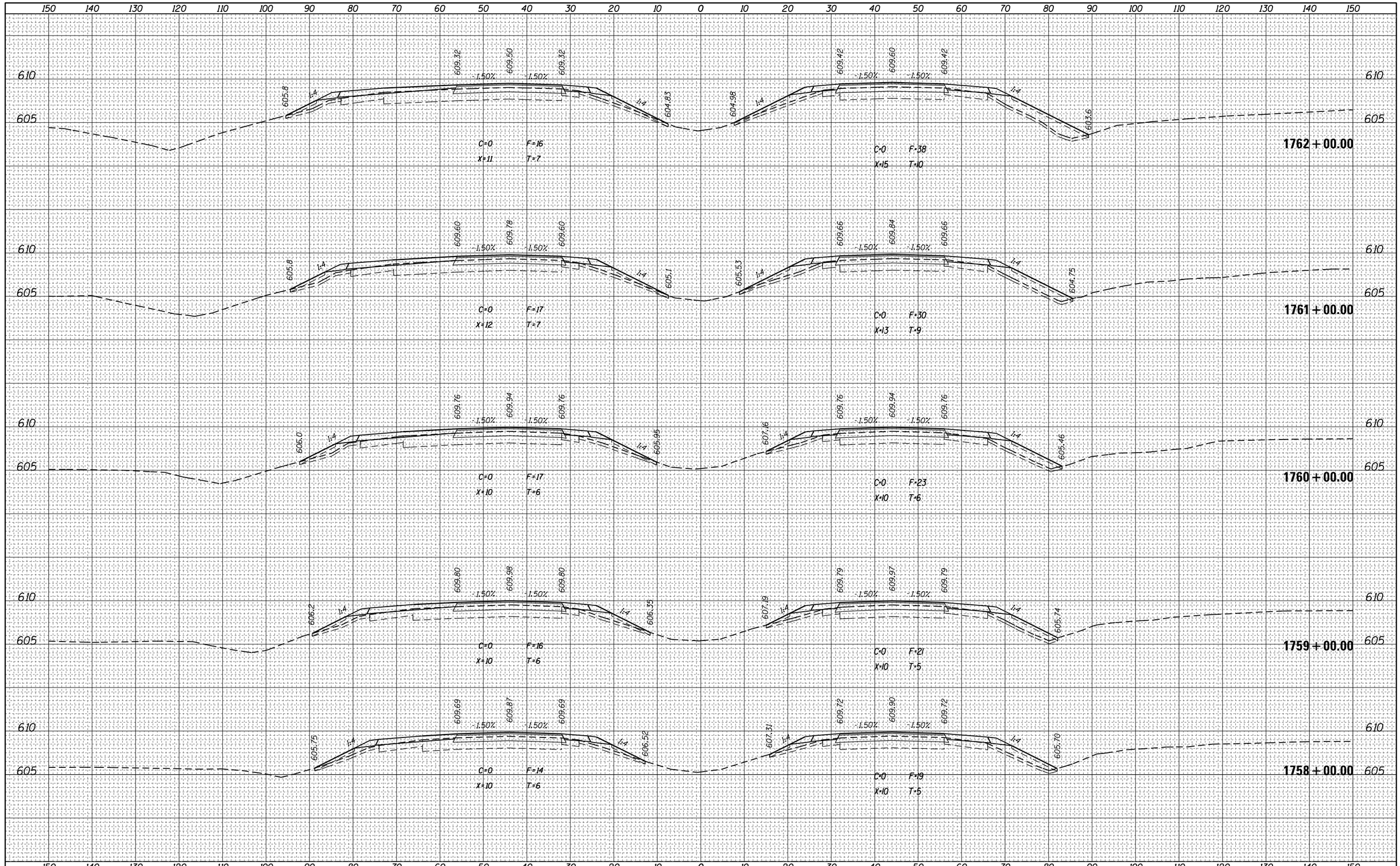
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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1753+00.00 TO STA. 1757+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	287
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		



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

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

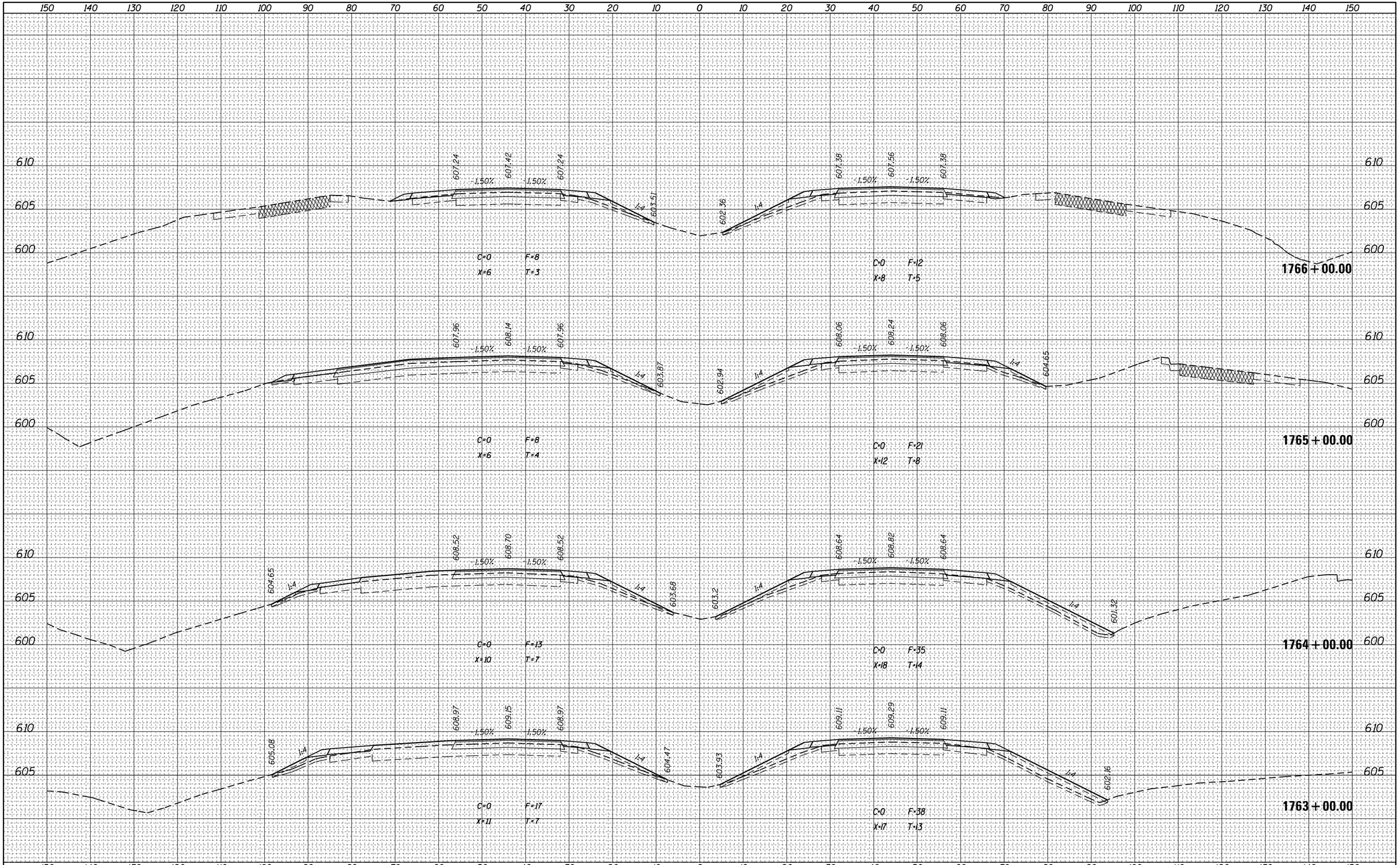
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1758+00.00 TO STA.1762+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	288
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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

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



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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1763+00.00 TO STA.1766+00.00

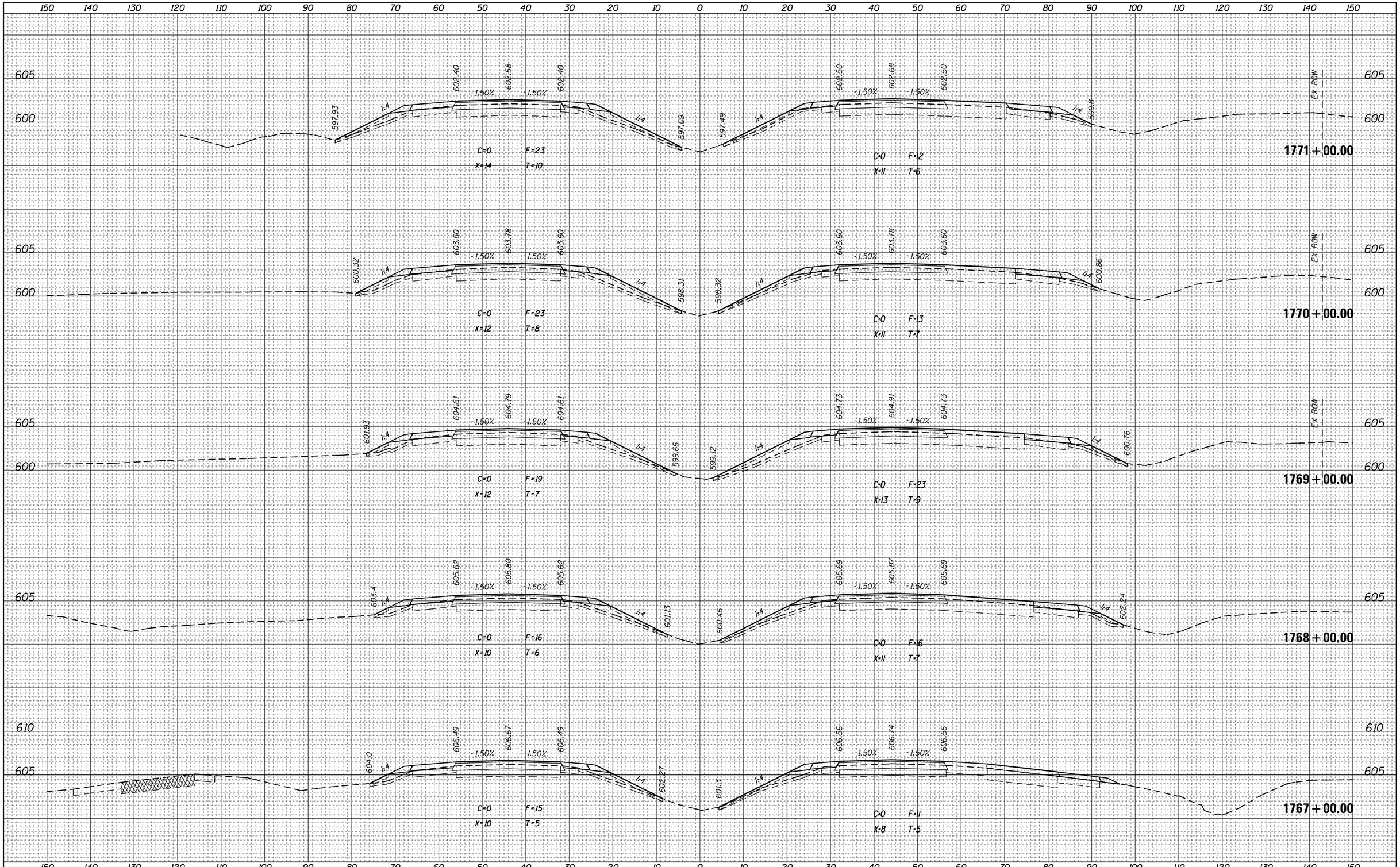
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	289
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

BY	DATE

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

BY	DATE



FILE NAME = p:\\IL084EBIDINTEG.illinois.govIPWIDOT\Documents\IDOT Offices\District 7\Projects\74664\CADD\Drawings\sheets\D774664-sht-xssht.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1767+00.00 TO STA. 1771+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	290
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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

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

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

600
595

596.75 596.93 596.75
1.50% 1.50%
593.57 1:4 1:4 593.41
C=0 F=12
X=10 T=5

596.81 596.99 596.81
1.50% 1.50%
594.45 1:4 1:4 594.36
C=0 F=9
X=7 T=3

EX ROW

1776 + 00.00

600
595

597.90 598.08 597.90
1.50% 1.50%
594.60 1:4 1:4 595.0
C=0 F=12
X=10 T=5

597.95 598.13 597.95
1.50% 1.50%
595.37 1:4 1:4 595.4
C=0 F=11
X=8 T=5

EX ROW

1775 + 00.00

600
595

598.99 599.17 598.99
1.50% 1.50%
595.35 1:4 1:4 594.04
C=0 F=21
X=13 T=8

599.06 599.24 599.06
1.50% 1.50%
595.93 1:4 1:4 596.3
C=0 F=12
X=8 T=4

EX ROW

1774 + 00.00

605
600
595

600.13 600.31 600.13
1.50% 1.50%
596.28 1:4 1:4 595.0
C=0 F=20
X=13 T=8

600.25 600.43 600.25
1.50% 1.50%
595.07 1:4 1:4 596.8
C=0 F=17
X=12 T=8

EX ROW

1773 + 00.00

605
600
595

601.24 601.42 601.24
1.50% 1.50%
597.69 1:4 1:4 595.91
C=0 F=17
X=12 T=8

601.31 601.49 601.31
1.50% 1.50%
597.02 1:4 1:4 598.4
C=0 F=13
X=10 T=6

EX ROW

1772 + 00.00

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

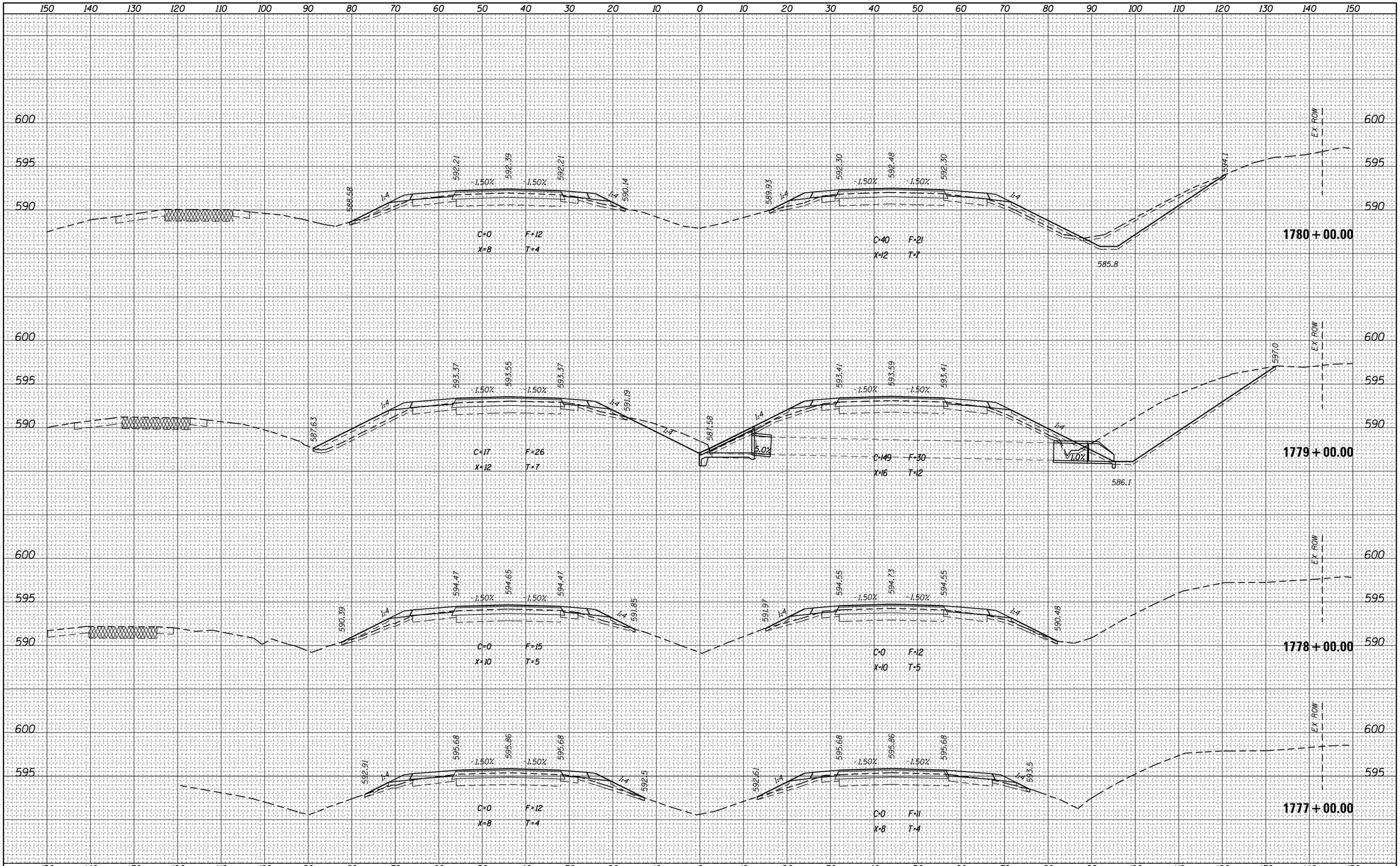
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1772+00.00 TO STA.1776+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	291
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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

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



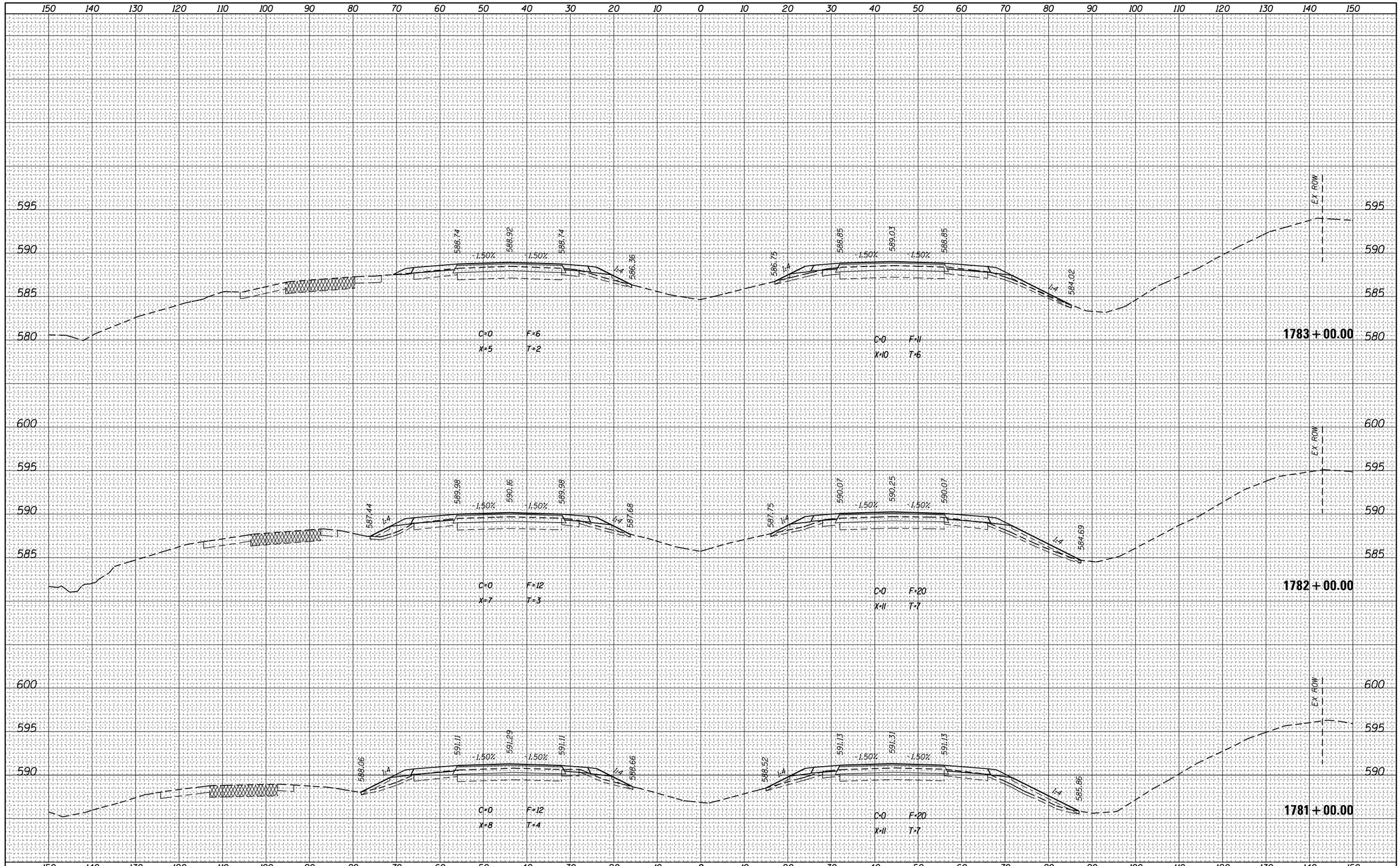
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1777+00.00 TO STA.1780+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	292
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



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Default	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1781+00.00 TO STA. 1783+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	293
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			

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

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

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

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

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

595 590 585 580 575 570

EX. ROW

583.24 1:4 585.97 1.50% 586.15 1.50% 585.97 1:4 583.4

C=0 F=11 X=7 T=3

583.84 1:4 586.00 1.50% 586.18 1.50% 586.00 1:4 582.84

C=0 F=11 X=8 T=4

1785 + 44.00

595 590 585 580 575

EX. ROW

583.68 1:4 586.46 1.50% 586.64 1.50% 586.46 1:4 583.87

C=0 F=11 X=7 T=3

584.27 1:4 586.45 1.50% 586.63 1.50% 586.45 1:4 580.98

C=0 F=14 X=11 T=7

1785 + 00.00

590 585

584.15 1:4 587.56 1.50% 587.74 1.50% 587.56 1:4 585.06

C=0 F=10 X=7 T=3

585.47 1:4 587.66 1.50% 587.84 1.50% 587.66 1:4 584.57

C=0 F=11 X=8 T=4

1784 + 00.00

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

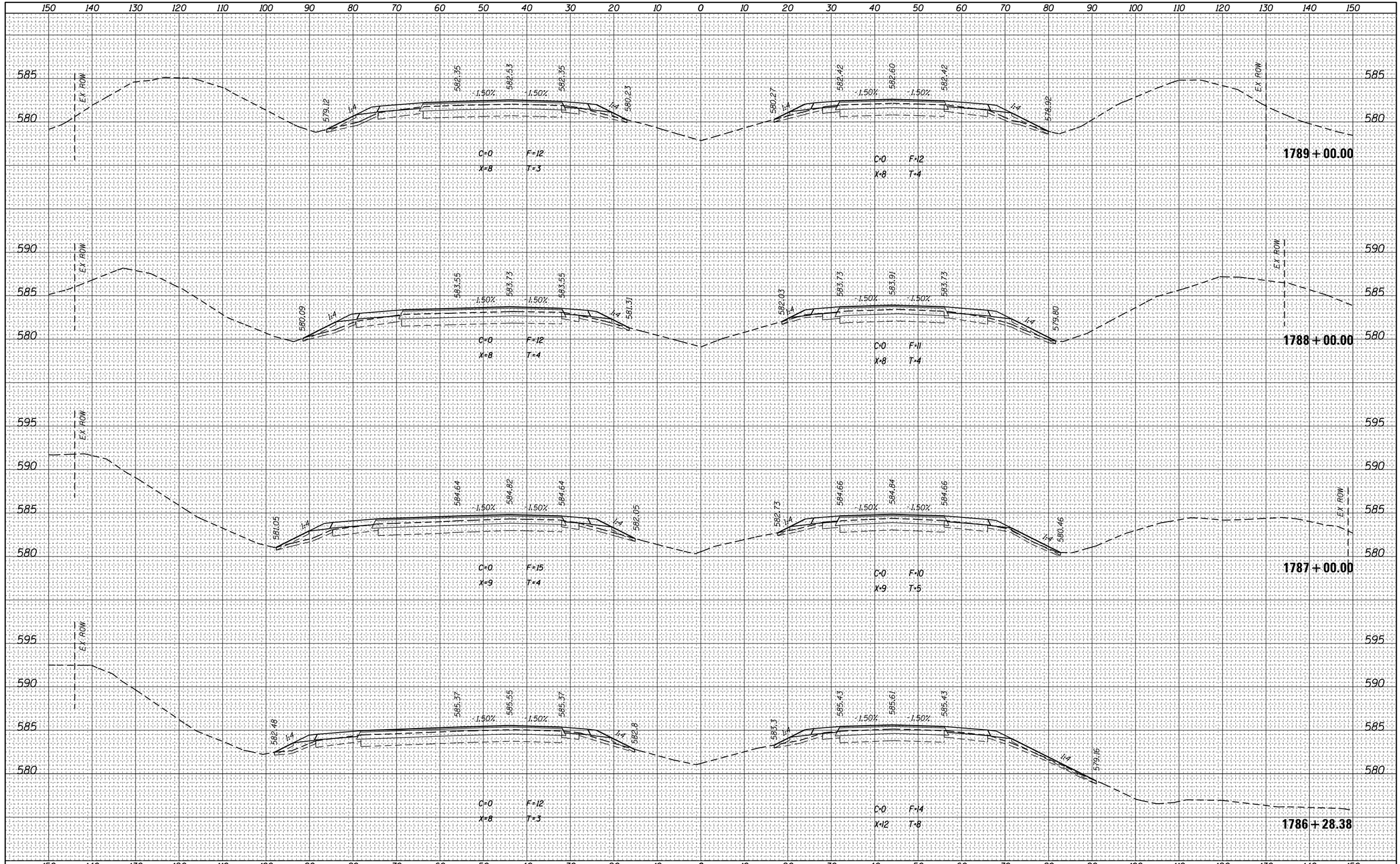
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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1784+00.00 TO STA. 1785+44.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	294
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY

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

ORIGINAL SURVEY

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

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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1786+28.38 TO STA. 1789+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	295
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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

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

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

585 580 575 570 565

575.28 1:4 578.92 1.50% 579.10 1.50% 578.92 1:4 576.27

C=0 F=15
X=9 T=5

576.49 1:4 578.95 1.50% 579.13 1.50% 578.95 1:4 567.08

C=0 F=34
X=20 T=16

1792+00.00

590 585 580 575

EX. ROW

576.53 1:4 580.05 1.50% 580.23 1.50% 580.05 1:4 577.14

C=0 F=13
X=9 T=4

577.96 1:4 580.06 1.50% 580.24 1.50% 580.06 1:4 575.30

C=0 F=12
X=10 T=6

1791+00.00

590 585 580

EX. ROW

577.95 1:4 581.18 1.50% 581.36 1.50% 581.18 1:4 578.86

C=0 F=13
X=8 T=4

579.12 1:4 581.20 1.50% 581.38 1.50% 581.20 1:4 577.63

C=0 F=12
X=8 T=4

1790+00.00

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

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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

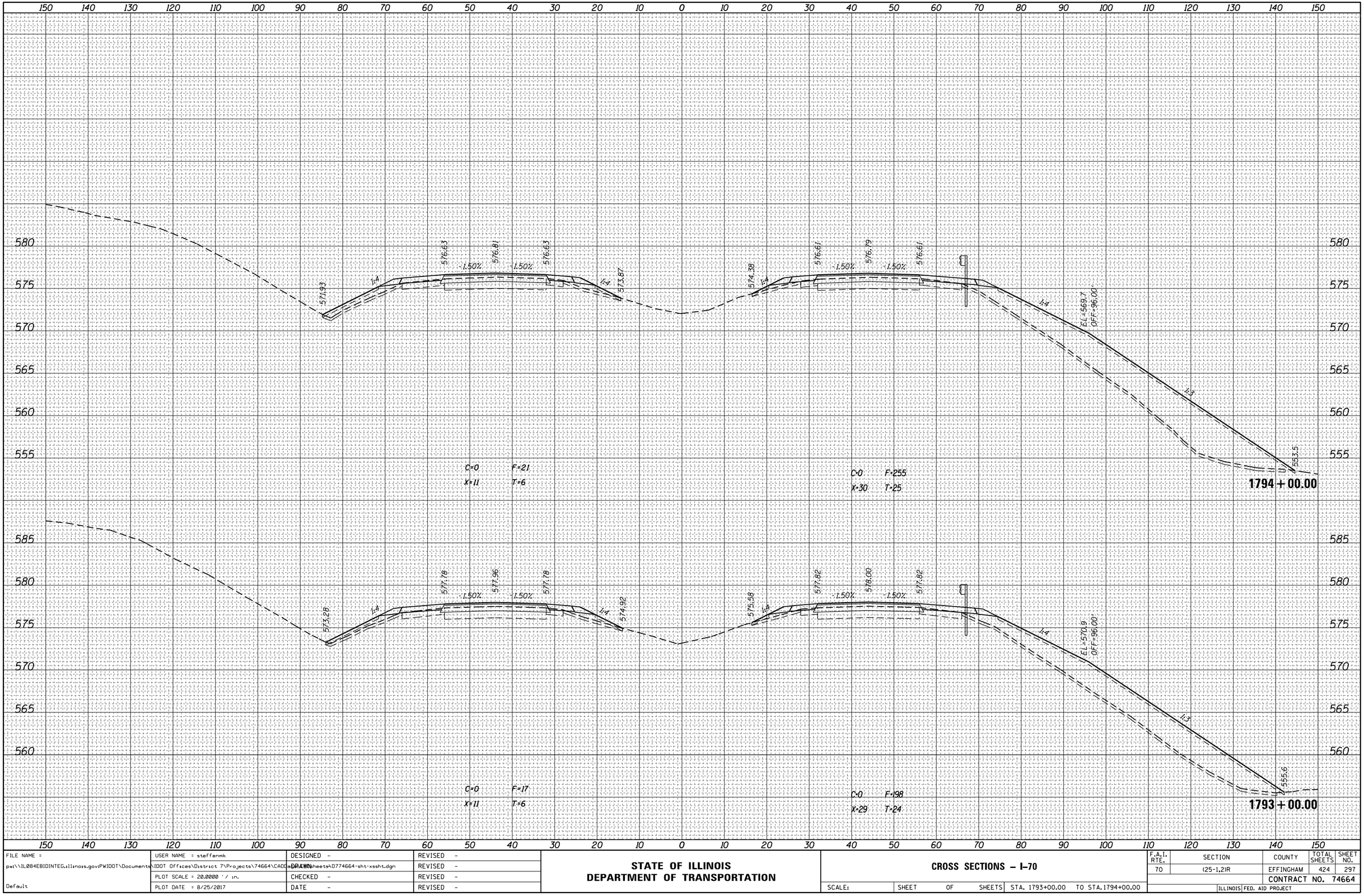
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1790+00.00 TO STA. 1792+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	296
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		

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



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

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	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

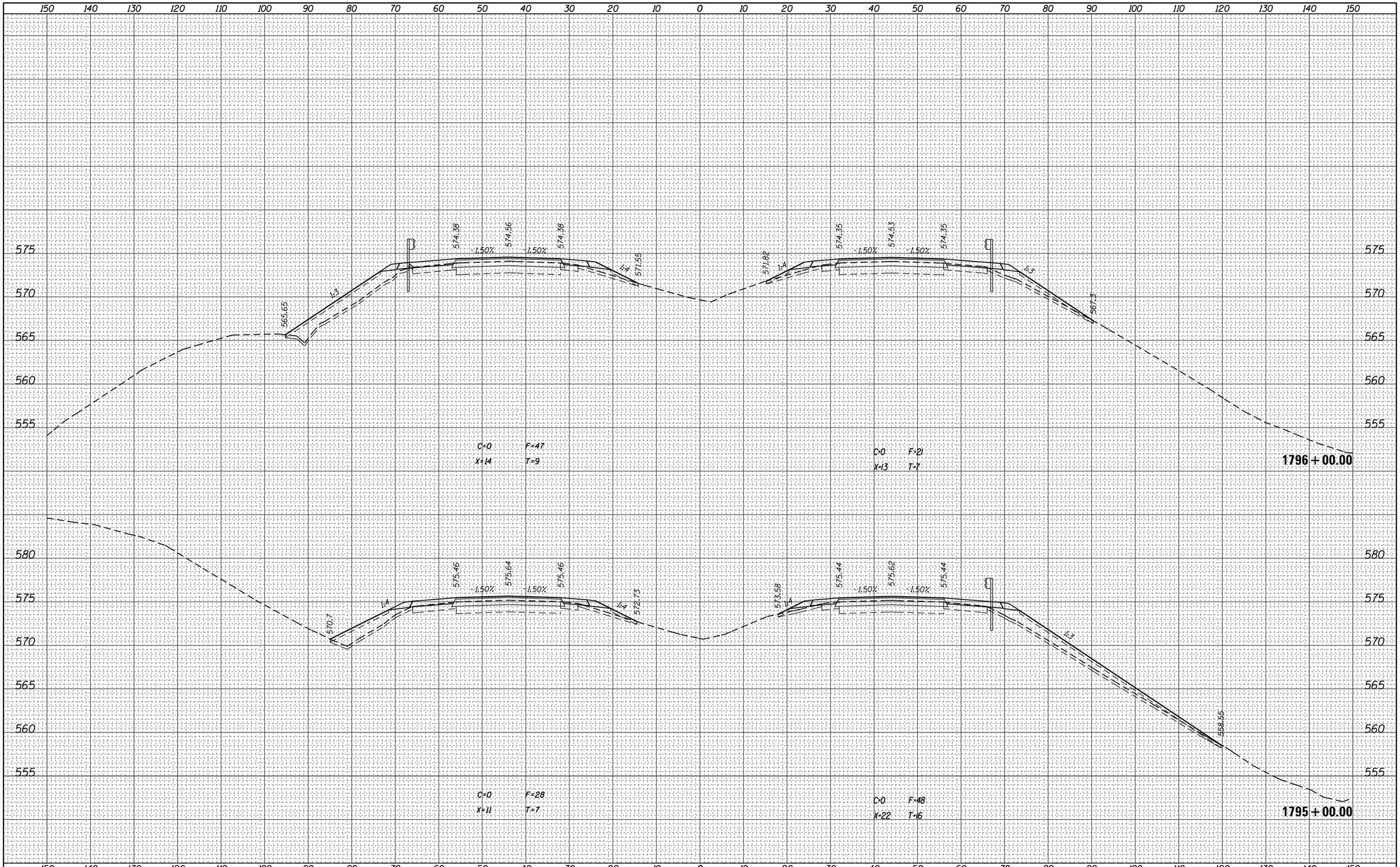
CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1793+00.00 TO STA.1794+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	297
		CONTRACT NO. 74664		
	ILLINOIS	FED. AID PROJECT		

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

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



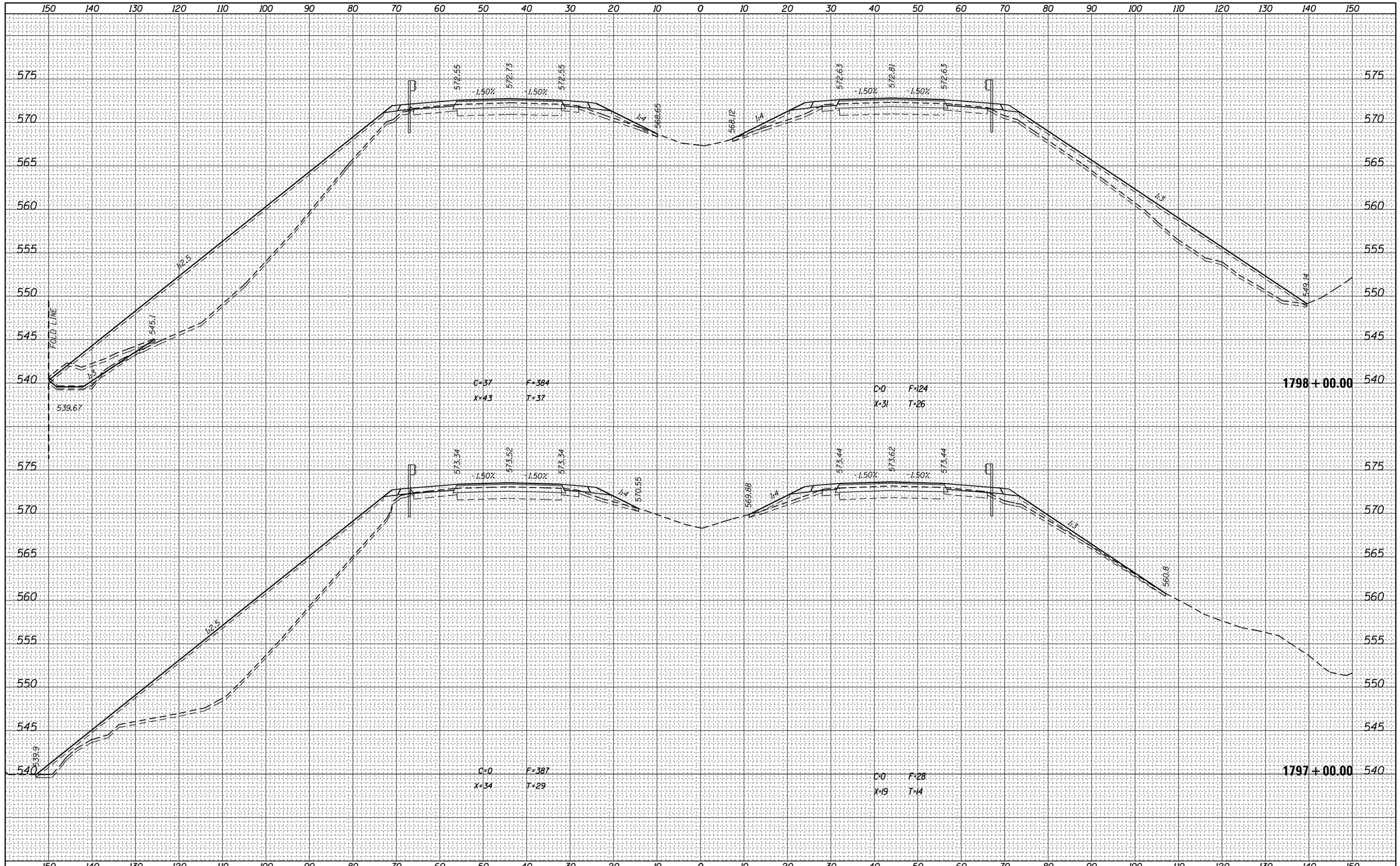
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I–70

SCALE: | SHEET OF SHEETS | STA. 1795+00.00 TO STA.1796+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	298
		CONTRACT NO. 74664		
	ILLINOIS FED. AID PROJECT			



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

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

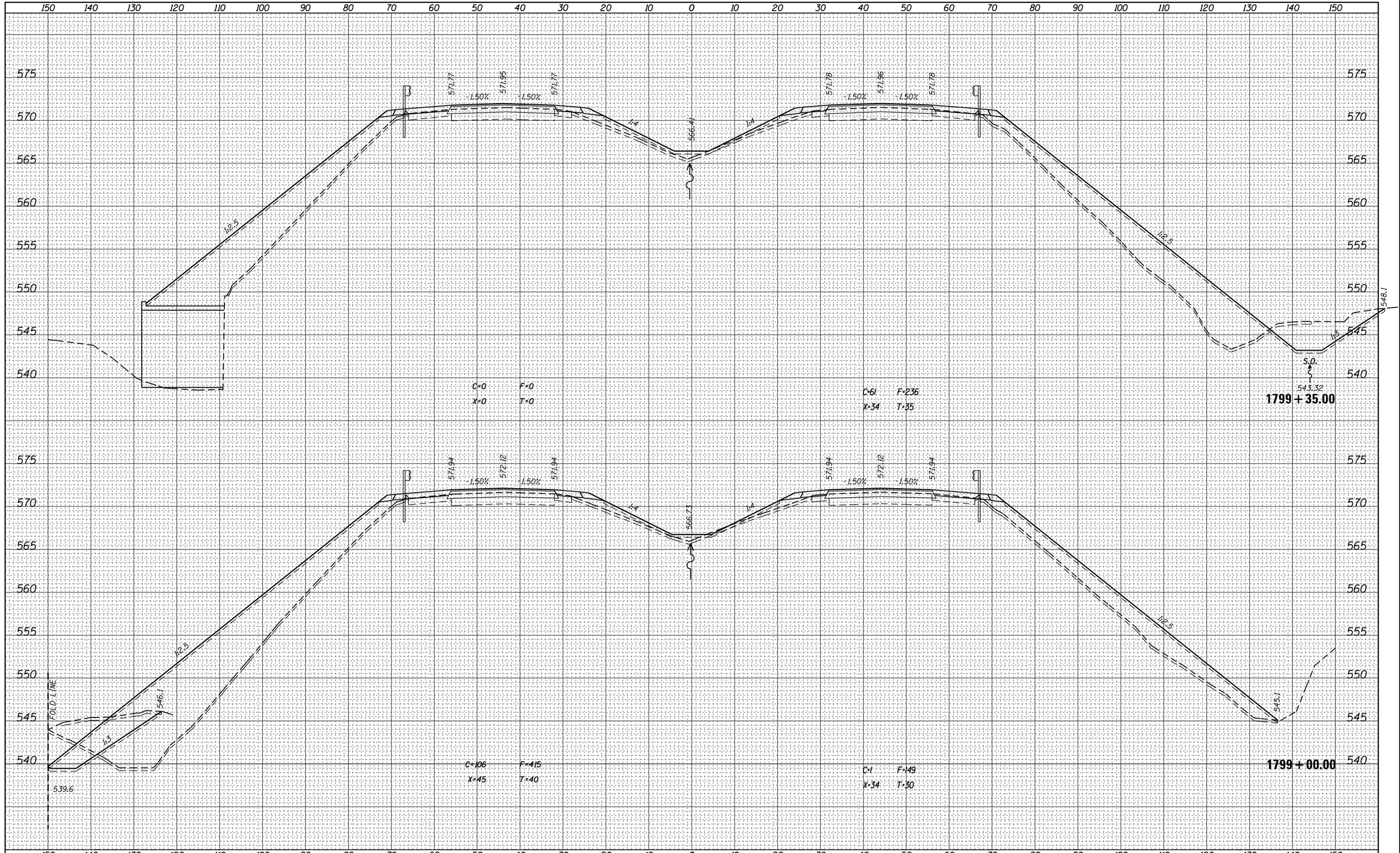
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Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1797+00.00 TO STA.1798+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	299
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		



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

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

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 7\Projects\74664\CADD\Drawings\sheets\D774664-sht-xssht.dgn	USER NAME = steffenmk	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/25/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS – I-70

SCALE: | SHEET OF SHEETS | STA. 1799+00.00 TO STA.1799+35.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(25-1,2)R	EFFINGHAM	424	300
		CONTRACT NO. 74664		
		ILLINOIS FED. AID PROJECT		