

04-29-2022 LETTING ITEM 152

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID PROJECT

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	1
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 91611	

SEE SHEET 2 FOR
INDEX OF SHEETS AND
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

UTILITY CONTACTS:

UTILITY TYPE:
TELEPHONE
FRONTIER COMMUNICATIONS
ATTN: KALIN HINSHAW
PHONE: (815) 895-1515

UTILITY TYPE:
ELECTRIC
AMEREN ILLINOIS - (NORTH)
ATTN: NATHAN HILL
PHONE: (618) 301-5327

UTILITY TYPE:
GAS
CHICAP PIPELINE COMPANY
ATTN: BLAKE PATRICK
PHONE: (872) 245-3915 / (630) 281-0342

UTILITY TYPE:
TELEVISION /INTERNET
MEDIACOM
ATTN: MICHAEL VEST
PHONE: (217) 348-5533 x3835

UTILITY TYPE:
VARIOUS
CITY OF MONTICELLO
ATTN: BRETT BAKER
PHONE: (217) 762-2583

UTILITY TYPE:
GAS
NATURAL GAS /KINDER MGN - STA 31
ATTN: ALEXANDER HENNING
EMAIL: pmcentralencroachments@kindermorgan.com

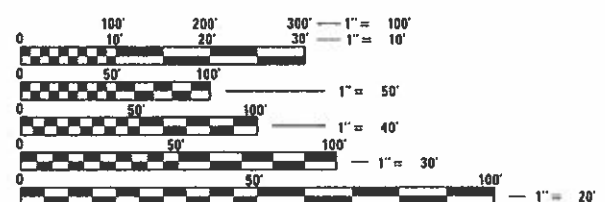
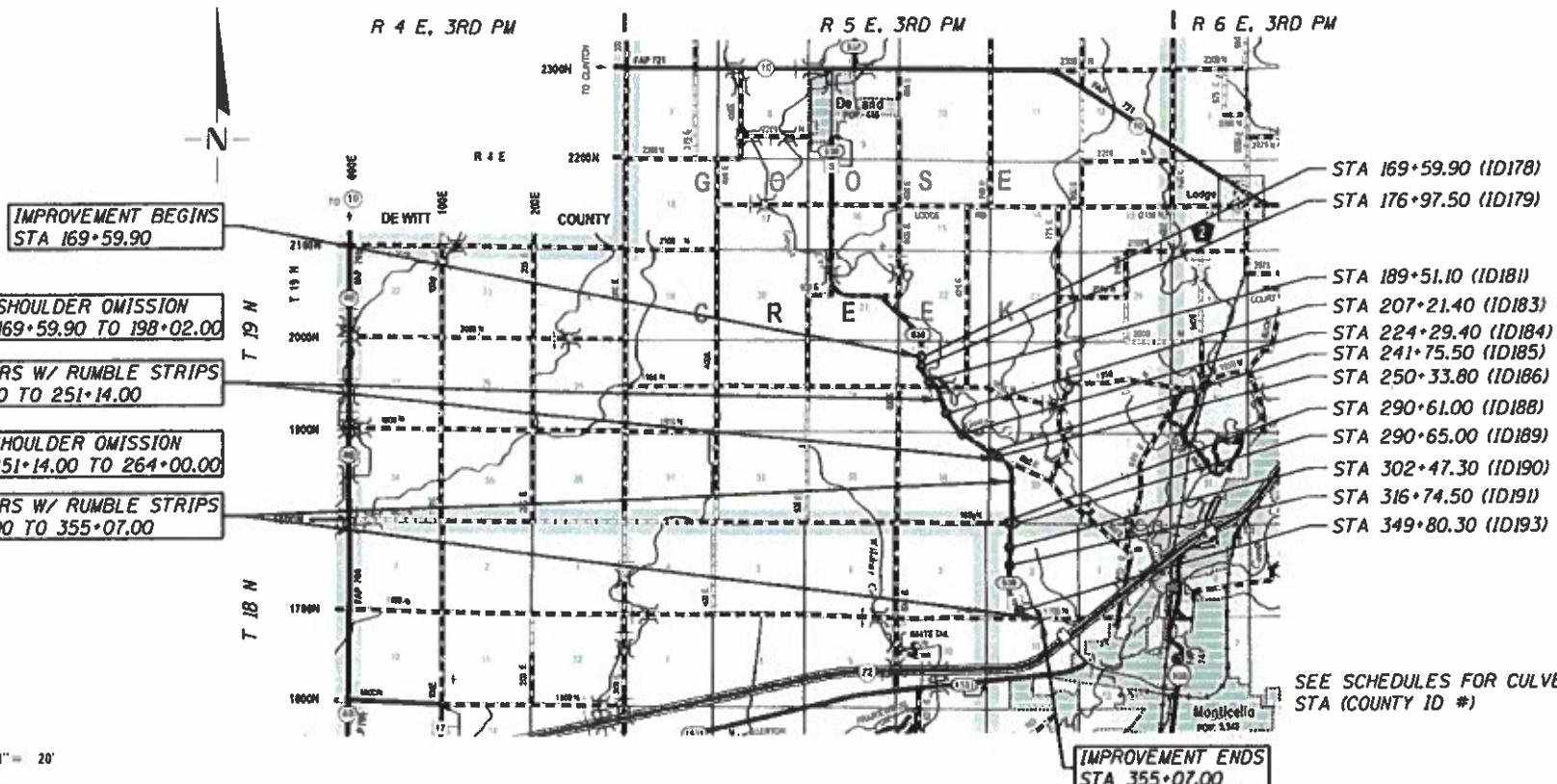
UTILITY TYPE:
VARIOUS
VILLAGE OF DELAND
ATTN: MAX PORTER
PHONE: (217) 722-1706

**FAS ROUTE 538 (CH 5)
SECTION 21-00220-05-SD
PROJECT NO. PP90(359)**

PIATT COUNTY

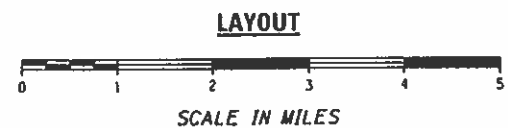
JOB NO. C-95-009-22

FUNDING: FEDERAL, COVID, REBUILD ILLINOIS & LOCAL



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



GROSS LENGTH OF SECTION = 18,547.10 FEET = 3.513 MILES
NET LENGTH OF SECTION = 14,419.00 FEET = 2.731 MILES

FUNCTIONAL CLASSIFICATION : MAJOR COLLECTOR
DESIGN SPEED 50 MPH
CURRENT ADT = 1200 (2020)



Kimberly S. Cummins 1/24/22
ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/23)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED _____ January 25, 2022
[Signature]
PIATT COUNTY ENGINEER

PASSED FEBRUARY 2, 2022
[Signature]
DISTRICT FIVE ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW February 4, 2022
[Signature]
REGION THREE ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

1. THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022, THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, AND THE SPECIAL PROVISIONS INCLUDED IN THESE PLANS
2. ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE EDITION, AS INDICATED BY THE SUB-NUMBER, LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
3. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
4. THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
5. THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.

SEEDING CLASS 2 (SPECIAL) = 6.75 ACRES
6. TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO DISTURBED EARTH DURING THE PERIOD WHEN PERMANENT SEEDING IS NOT ALLOWED.
7. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
8. THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES, AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES, MUNICIPALITIES AND FIELD INSPECTION. SEE STANDARD SPECIFICATIONS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
10. LAYOUT OF EROSION CONTROL ITEMS MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

II. MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	CH 5	CH 5
MIXTURE USE	TOP 1 1/2" OF SHOULDER & INCIDENTAL	BOTTOM 6 1/2" OF SHOULDER
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0 • NDESIGN = 50	4.0 • NDESIGN = 50
MIX COMP (GRADATION)	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX C	N.A.
MIXTURE WEIGHT	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N.A.	N.A.
MATERIAL TRANSFER DEVICE (REQUIRED)	NO	NO

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-8	TYPICAL CROSS SECTIONS
9-11	SCHEDULES OF QUANTITIES
12-16	ALIGNMENT, CROSS TIES, AND BENCHMARKS
17-30	PLAN SHEETS
31	ENTRANCE DETAILS
32	CONCRETE COLLAR DETAIL
33-74	CROSS SECTIONS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
701001-02	OFF-RD OPERATIONS, 2L, 2W, 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

APPLICATION RATES USED IN QUANTITY CALCULATIONS

TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE
HMA	112 LBS/SQ YD/ 1" THICKNESS
GRANULAR MATERIALS	2.05 TON/CU YD
RIPRAP	1.5 TON/CU YD

BITUMINOUS MATERIALS

ON EX PAVEMENT OR MILLED SURFACE	0.05 LBS/SQ FT
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COMMITMENTS

NONE

MODEL: \\MODELS\FILES
FILE NAME: 51115



JOB = 2689	DESIGNED - CGF	REVISED -
FILE NAME = \$FILES\$	DRAWN - CGF	REVISED -
PLOT SCALE = \$S\$CALES	CHECKED - TSH	REVISED -
PLOT DATE = \$DATES	DATE - 12/09/2021	REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

**INDEX OF SHEETS, HIGHWAY STANDARDS
AND GENERAL NOTES**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	2
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			CONSTR TYPE CODE 12% FEDERAL 2% STATE 86% LOCAL ROADWAY 0005 RURAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20101100	TREE TRUNK PROTECTION	EACH	8
20300100	CHANNEL EXCAVATION	CU YD	120
20400800	FURNISHED EXCAVATION	CU YD	935
21301052	EXPLORATION TRENCH, 52" DEPTH	FOOT	30
21400100	GRADING AND SHAPING DITCHES	FOOT	771
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	670
28000400	PERIMETER EROSION BARRIER	FOOT	1,456
28000500	INLET AND PIPE PROTECTION	EACH	1
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	24
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	102
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	227
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	19
44004000	PAVED DITCH REMOVAL	FOOT	170
48203003	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	SQ YD	9,570

* SEE SPECIAL PROVISIONS

SUMMARY OF QUANTITIES			CONSTR TYPE CODE 12% FEDERAL 2% STATE 86% LOCAL ROADWAY 0005 RURAL	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	9,570	
50105220	PIPE CULVERT REMOVAL	FOOT	32	
54248510	CONCRETE COLLAR	CU YD	0.6	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	32	
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	30	
60905305	BOX CULVERTS TO BE CLEANED	FOOT	312	
60920018	PIPE CULVERTS TO BE CLEANED 18"	FOOT	56	
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	27,200	
67100100	MOBILIZATION	L SUM	1	
Δ *	X2200020	FENCE REMOVAL AND REINSTALLATION	FOOT	76
Δ *	X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	6.75
*	X2810808	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)	TON	357
*	X5427600	REMOVE AND RELOCATE END SECTIONS	EACH	5
*	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1

* SEE SPECIAL PROVISIONS Δ SPECIALTY ITEMS

MODEL - MODEL NAMES
FILE NAMES - FILES



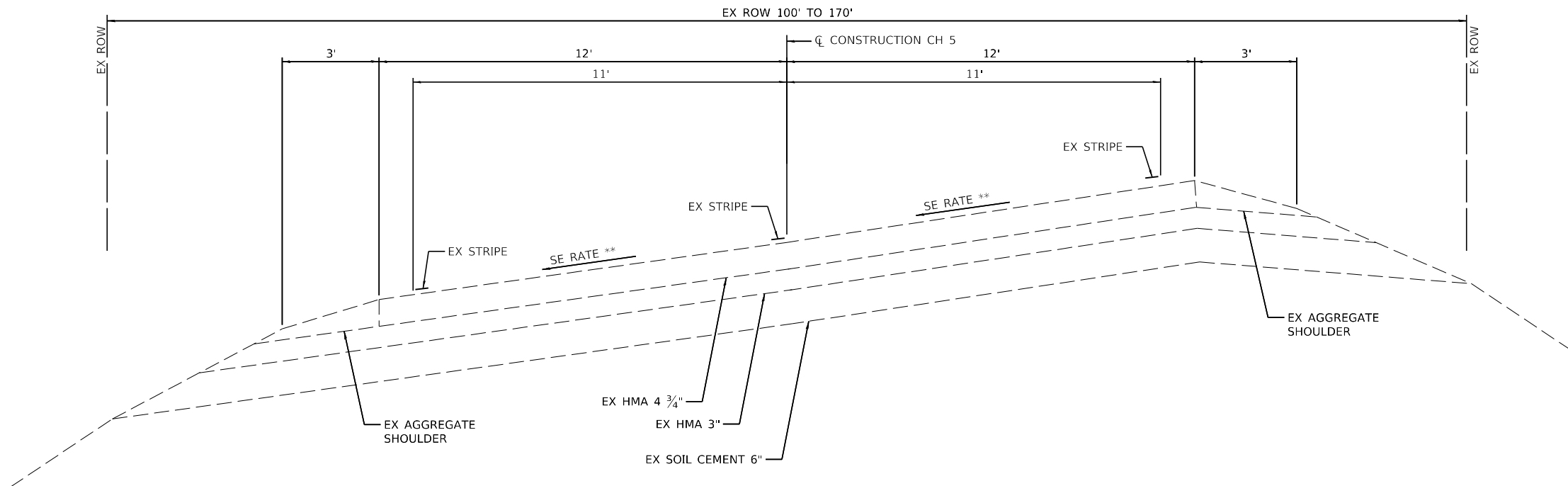
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PIATT COUNTY
CH 5 IMPROVEMENTS

SUMMARY OF QUANTITIES

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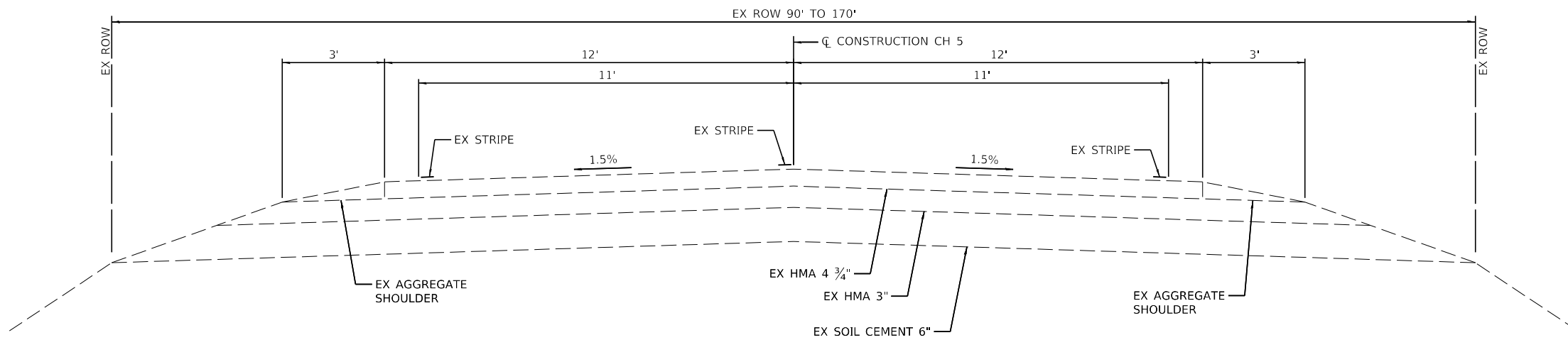
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538	21-00220-05-SD	PIATT	74	3
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				



EXISTING CH 5 TYPICAL CROSS SECTION

STA 176+18.06 TO STA 186+37.02
 STA 203+06.90 TO STA 226+74.39
 STA 296+79.40 TO STA 302+22.97
 STA 328+54.33 TO STA 355+07.00

** SEE PLAN SHEETS FOR EXISTING SUPERELEVATION RATES AND TRANSITIONS



EXISTING CH 5 TYPICAL CROSS SECTION

STA 169+59.90 TO STA 176+18.06
 STA 186+37.02 TO STA 189+28.78
 STA 196+07.59 TO STA 203+06.90
 STA 226+74.39 TO STA 252+14.92
 STA 263+37.67 TO STA 288+20.20
 STA 293+10.89 TO STA 296+79.40
 STA 302+22.97 TO STA 328+54.33

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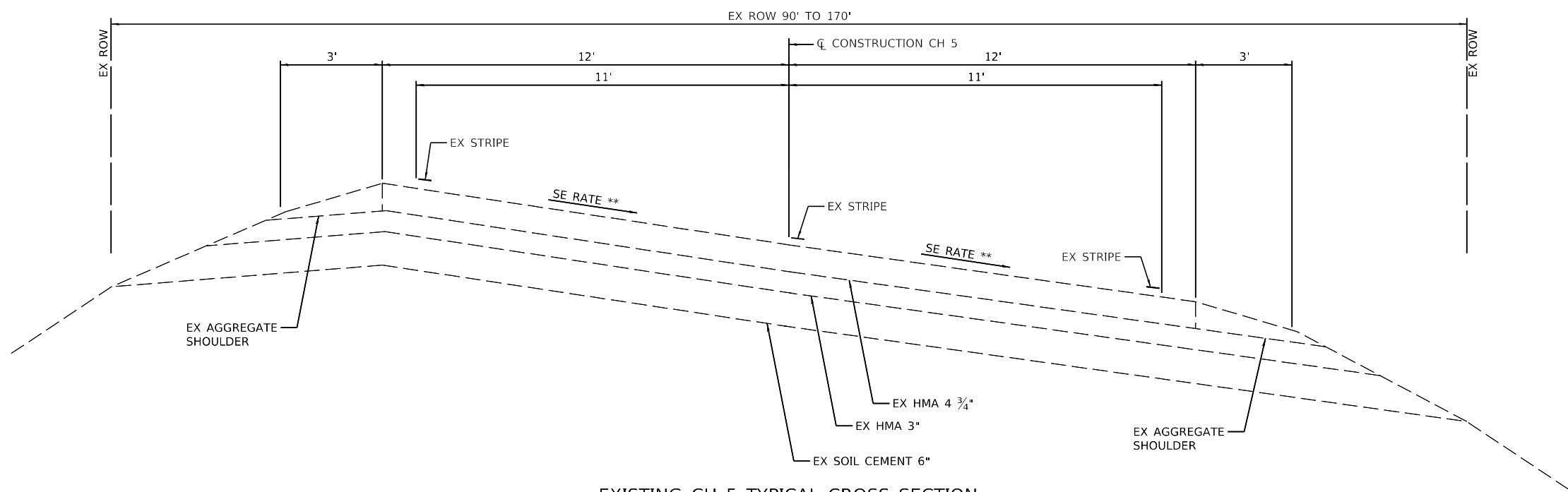
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**PIATT COUNTY
 CH 5 IMPROVEMENTS**

EXISTING TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	5
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				



EXISTING CH 5 TYPICAL CROSS SECTION

STA 189+28.78 TO STA 196+07.59
 STA 252+14.92 TO STA 263+37.67
 STA 288+20.20 TO STA 293+10.89

** SEE PLAN SHEETS FOR EXISTING SUPERELEVATION RATES AND TRANSITIONS

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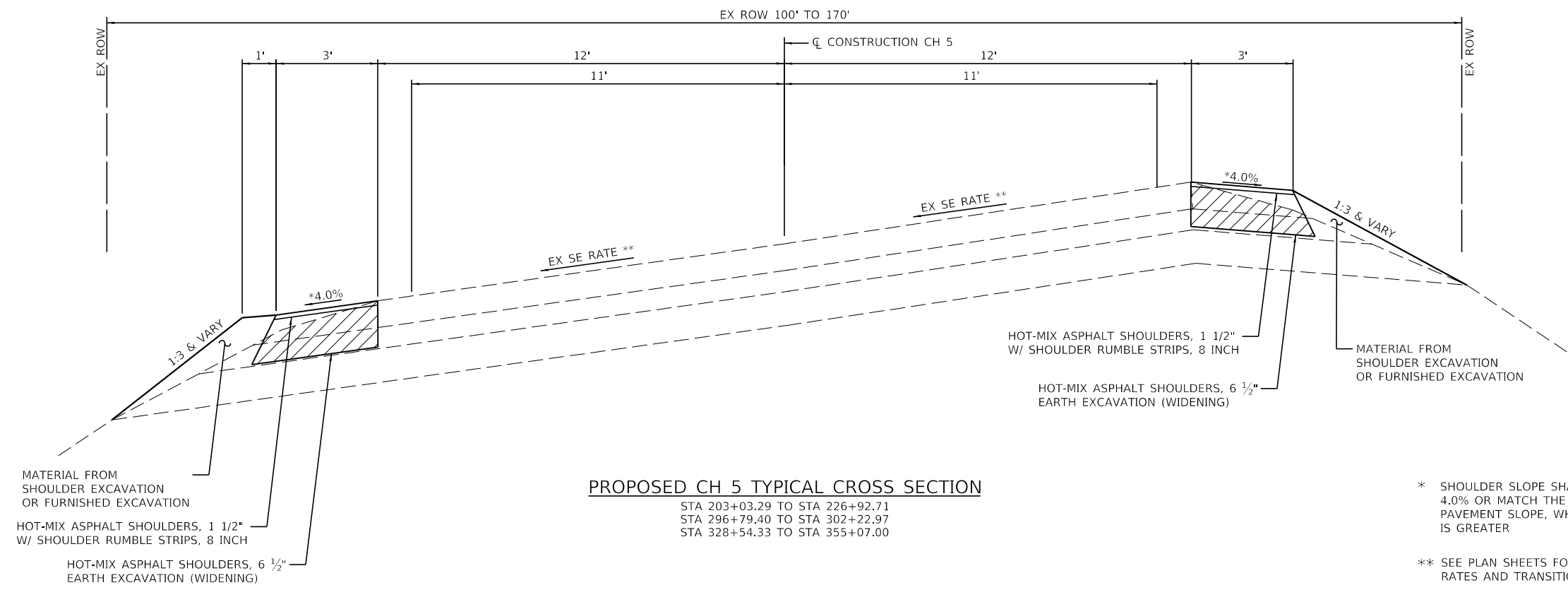
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**PIATT COUNTY
 CH 5 IMPROVEMENTS**

EXISTING TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	6
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		

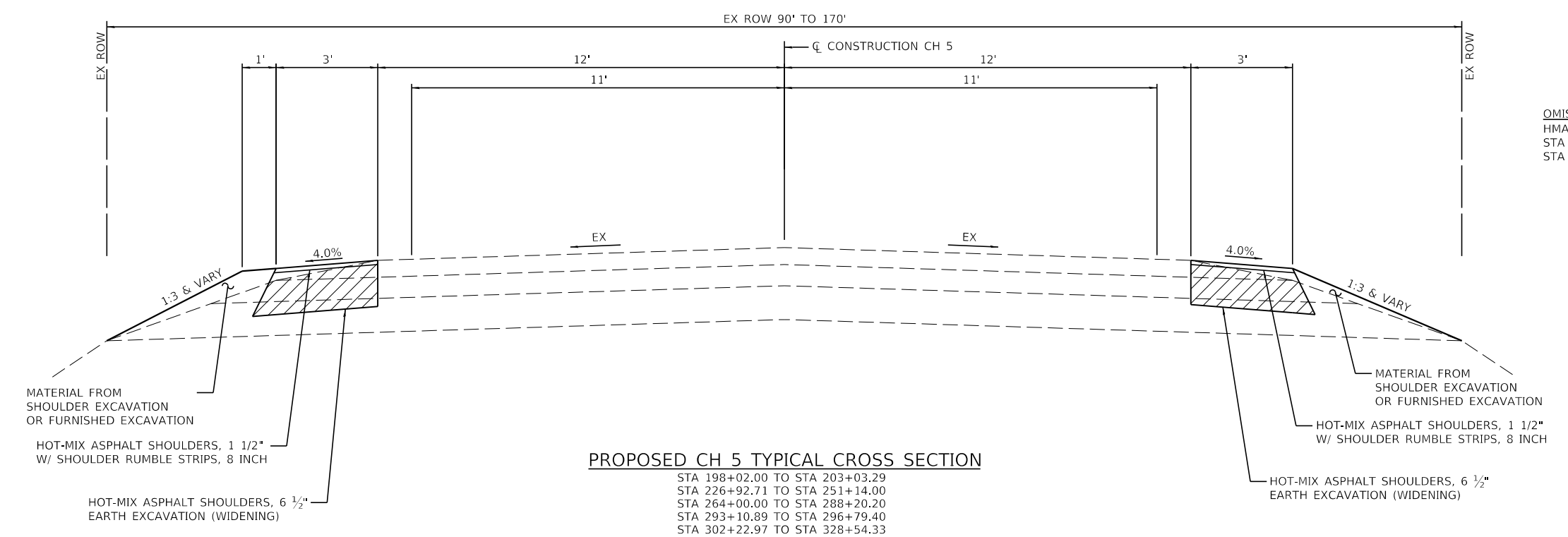


PROPOSED CH 5 TYPICAL CROSS SECTION

STA 203+03.29 TO STA 226+92.71
 STA 296+79.40 TO STA 302+22.97
 STA 328+54.33 TO STA 355+07.00

* SHOULDER SLOPE SHALL BE 4.0% OR MATCH THE EXISTING PAVEMENT SLOPE, WHICHEVER IS GREATER

** SEE PLAN SHEETS FOR EXISTING SUPERELEVATION RATES AND TRANSITIONS



PROPOSED CH 5 TYPICAL CROSS SECTION

STA 198+02.00 TO STA 203+03.29
 STA 226+92.71 TO STA 251+14.00
 STA 264+00.00 TO STA 288+20.20
 STA 293+10.89 TO STA 296+79.40
 STA 302+22.97 TO STA 328+54.33

OMISSIONS
 HMA SHOULDER OMISSION
 STA 169+59.00 TO STA 198+02.00
 STA 251+14.00 TO STA 264+00.00

MODEL: \\MODEL\NAMES
FILE: \\MODEL\FILES



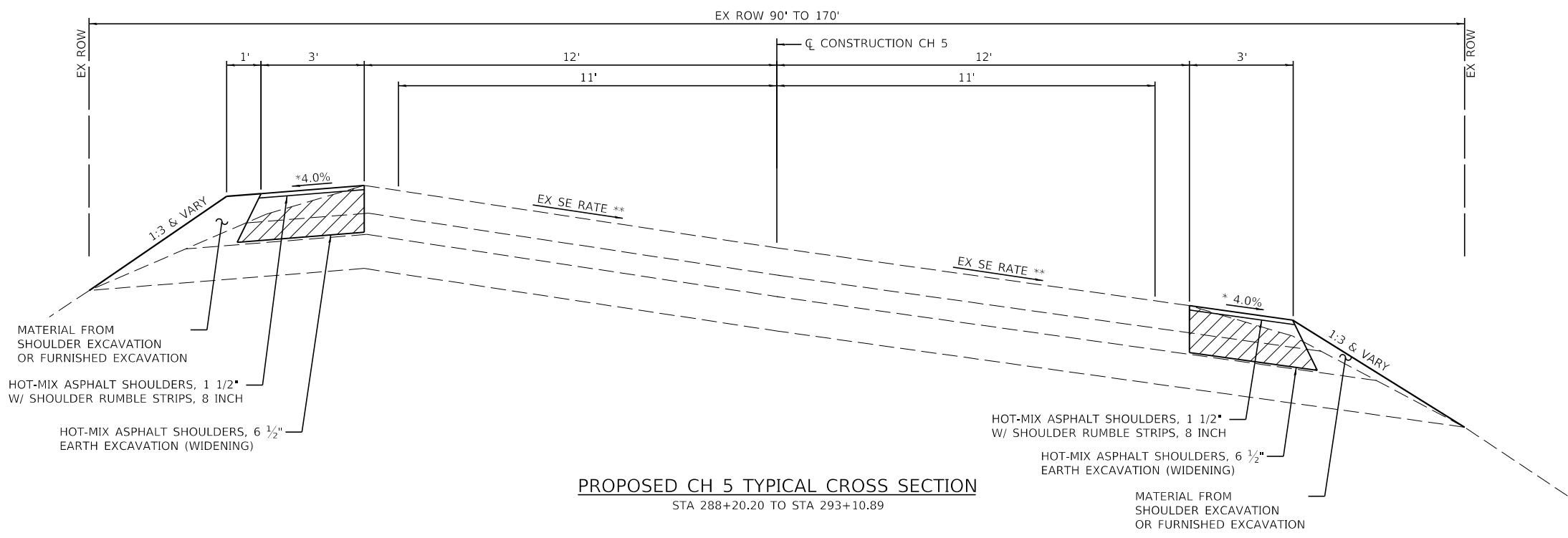
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

PROPOSED TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	7
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	



* SHOULDER SLOPE SHALL BE 4.0% OR MATCH THE EXISTING PAVEMENT SLOPE, WHICHEVER IS GREATER

** SEE PLAN SHEETS FOR EXISTING SUPERELEVATION RATES AND TRANSITIONS

PROPOSED CH 5 TYPICAL CROSS SECTION
STA 288+20.20 TO STA 293+10.89

MODEL: \$MODELNAME\$
FILE NAME: \$FILES\$

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2689
FILE NAME = \$FILES\$
PLOT SCALE = \$SCALES\$
PLOT DATE = \$DATES\$

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 12/20/2021

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REVISED -
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REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

PROPOSED TYPICAL CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	8
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

20101100 TREE TRUNK PROTECTION			
LOCATION	UNIT DIAMETER	EACH	
LT STA 169+60.00 (ID178)	16"	1	
LT STA 169+91.00 (ID178)	15"	1	
LT STA 169+93.00 (ID178)	12"	1	
LT STA 169+97.00 (ID178)	12"	1	
LT STA 176+63.00 (ID179)	12"	1	
LT STA 176+67.00 (ID179)	15"	1	
LT STA 176+69.00 (ID179)	15"	1	
LT STA 189+65.00 (ID181)	48"	1	
TOTAL		8	

20300100 CHANNEL EXCAVATION		
LOCATION	CU YD	
STA 250+33.80 (ID186)	120	
TOTAL	120	

EARTHWORK

LOCATION	XX006985 SHOULDER EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	20400800 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
CH 5				
LT STA 198+02.00 TO STA 251+14.00	0	250 NOTE 3	1,490	-1,240 NOTE 1
RT STA 198+02.00 TO STA 251+14.00	0	305 NOTE 3	645	-340 NOTE 1
LT STA 264+00.00 TO STA 355+07.00	0	375 NOTE 3	1,050	-675 NOTE 1
RT STA 264+00.00 TO STA 355+07.00	0	495 NOTE 3	535	-40 NOTE 1
ENTRANCES (SEE ENTRANCE SCHEDULE)	0	0	65	-65 NOTE 1
TOTAL	0	1,425	3,785	-2,360
CH 5				
LT STA 198+02.00 TO STA 251+14.00	0	250 NOTE 3	0	250 NOTE 2
RT STA 198+02.00 TO STA 251+14.00	0	305 NOTE 3	0	305 NOTE 2
LT STA 264+00.00 TO STA 355+07.00	0	375 NOTE 3	0	375 NOTE 2
RT STA 264+00.00 TO STA 355+07.00	0	495 NOTE 3	0	495 NOTE 2
TOTAL	0	1,425	0	1,425
SHOULDER EXCAVATION				
LT STA 198+02.00 TO STA 251+14.00	295	250	0	250
RT STA 198+02.00 TO STA 251+14.00	360	305	0	305
LT STA 264+00.00 TO STA 355+07.00	440	375	0	375
RT STA 264+00.00 TO STA 355+07.00	585	495	0	495
TOTAL	1,680	1,425		-935

NOTE 1: CONSTRUCT WITH FURNISHED EXCAVATION
 NOTE 2: CONSTRUCT WITH SHOULDER EXCAVATION MATERIAL
 NOTE 3: SHOULDER EXCAVATION MATERIAL
 SHOULDER EXCAVATION SHALL BE STOCKPILED WITHIN THE EXISTING RIGHT OF WAY AS DIRECTED BY THE ENGINEER
 SHRINKAGE FACTOR = SHOULDER EXCAVATION 15%

21301052 EXPLORATION TRENCH, 52" DEPTH		
LOCATION	FOOT	
LT STA 189+51.10 (ID181) - FIELD TILE	30	
TOTAL	30	

21400100 GRADING AND SHAPING DITCHES			
LOCATION	FOOT		
LT STA 169+76.00 TO STA 171+51.00 (ID178)	203		
LT STA 176+19.00 TO STA 176+89.00 (ID179)	203		
LT STA 250+41.00 TO STA 251+35.00 (ID186)	190		
RT STA 250+52.00 TO STA 251+52.00 (ID186)	100		
RT STA 290+17.00 TO STA 290+41.00 (ID188)	25		
RT STA 290+88.00 TO STA 291+14.00 (ID188)	25		
RT STA 349+19.00 TO STA 349+43.00 (ID193)	25		
TOTAL	771		

28000250 TEMPORARY EROSION CONTROL SEEDING			
LOCATION	POUND		
LT STA 169+50.00 TO STA 171+50.00 (ID178)	11		
LT STA 175+97.00 TO STA 177+27.00 (ID179)	34		
LT STA 189+49.00 TO STA 189+85.00 (ID181)	4		
LT STA 198+02.00 TO STA 251+14.00	201		
LT STA 264+00.00 TO STA 355+07.00	160		
RT STA 198+02.00 TO STA 251+14.00	133		
RT STA 264+00.00 TO STA 355+07.00	127		
TOTAL	670		

28000400 PERIMETER EROSION BARRIER			
LOCATION	FOOT		
LT STA 169+51.00 TO STA 171+51.00 (ID178)	221		
LT STA 175+98.00 TO STA 177+30.00 (ID179)	401		
LT STA 189+51.00 TO STA 189+84.00 (ID181)	65		
LT STA 206+79.00 TO STA 207+04.00 (ID183)	25		
LT STA 223+89.00 TO STA 224+41.00 (ID184)	50		
LT STA 241+40.00 TO STA 241+65.00 (ID185)	25		
RT STA 241+86.00 TO STA 242+11.00 (ID185)	25		
RT STA 249+81.00 TO STA 251+57.00 (ID186)	207		
LT STA 249+93.00 TO STA 251+48.00 (ID186)	337		
LT STA 302+35.00 TO STA 302+60.00 (ID190)	25		
RT STA 302+35.00 TO STA 302+60.00 (ID190)	25		
LT STA 316+72.00 TO STA 316+97.00 (ID191)	25		
RT STA 316+54.00 TO STA 316+79.00 (ID191)	25		
TOTAL	1,456		

28000500 INLET AND PIPE PROTECTION		
LOCATION	EACH	
LT STA 290+51.90 (ID189)	1	
TOTAL	1	

MODEL: MODELNAMES
FILE NAME: FILES



JOB = 2689
 FILE NAME = \$FILES\$
 PLOT SCALE = \$SCALES\$
 PLOT DATE = \$DATES\$

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 12/09/2021

REVISED -
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	9
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

ENTRANCE IMPROVEMENTS

LOCATION					20400800	40200800	40600982	40800029	40800050
	STATION	TYPE	WIDTH	LENGTH	FURNISHED EXCAVATION CU YD	AGGREGATE SURFACE COURSE, TYPE B TON	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SQ YD	BITUMINOUS MATERIALS (TACK COAT) POUND	INCIDENTAL HOT-MIX ASPHALT SURFACING TON
LT STA 209+43.30	EARTH FE	14	10		2.0				
RT STA 215+30.60	EARTH FE	17	10		2.0				
LT STA 218+14.50	AGG FE	20	6			1.7			
LT STA 220+97.00	AGG FE	18	10			2.7			
RT STA 222+18.90	EARTH FE	15	10		3.0				
LT STA 227+54.40	EARTH FE	19	10		2.0				
RT STA 227+66.90	AGG FE	13	10			2.2			
RT STA 233+02.80	EARTH FE	18	10		2.0				
LT STA 233+77.00	EARTH FE	18	10		2.0				
LT STA 241+91.20	EARTH FE	23	10		3.0				
LT STA 242+35.00	HMA PE	15	18				40.3	18.1	3.4
LT STA 242+94.10	HMA PE	18	21				52.8	23.8	4.4
RT STA 243+47.20	AGG FE	18	10			2.7			
LT STA 245+67.10	HMA PE	20	37				93.9	42.3	7.9
RT STA 246+11.30	EARTH FE	15	10		2.0				
RT STA 271+98.40	EARTH FE	24	10		4.0				
LT STA 274+23.70	EARTH FE	35	10		9.0				
RT STA 283+97.40	EARTH FE	22	10		4.0				
LT STA 284+00.50	EARTH FE	24	10		4.0				
LT STA 290+61.00	AGG FE	13	10			2.2			
LT STA 304+94.80	EARTH FE	19	10		3.0				
RT STA 304+96.50	EARTH FE	22	10		3.0				
LT STA 316+44.30	EARTH FE	20	10		2.0				
RT STA 319+06.90	AGG FE	30	30			7.7			
LT STA 319+11.50	AGG FE	12	10			2.1			
RT STA 320+41.00	HMA PE	17	15				39.7	17.9	3.3
RT STA 332+33.70	EARTH FE	24	10		5.0				
LT STA 332+49.80	AGG FE	13	10			2.2			
LT STA 341+97.40	EARTH FE	18	10		4.0				
RT STA 342+02.90	EARTH FE	15	10		4.0				
LT STA 351+39.00	EARTH FE	29	10		4.0				
TOTAL					64.0	23.4	226.6	102.0	19.0
USE					*65	24	227	102	19

ENTRANCE IMPROVEMENTS SHALL UTILIZE THE EXISTING BASE. QUANTITIES FOR AGGREGATE BASE COURSE TYPE B HAVE BEEN INCLUDED TO WIDEN THE EXISTING BASE AS DIRECTED BY THE ENGINEER. * SEE EARTHWORK SCHEDULE FOR TOTAL QUANTITY. THIS QUANTITY OF EARTHWORK FOR ENTRANCES IS INCLUDED IN TOTAL EARTHWORK IN EARTHWORK SCHEDULE.

44004000 PAVED DITCH REMOVAL

LOCATION	FOOT
LT STA 177+15.70 TO STA 177+27.60 (ID179)	12
LT STA 224+23.00 TO STA 224+32.40 (ID184)	10
LT STA 250+86.00 TO STA 251+36.00 (ID186)	50
RT STA 250+52.00 TO STA 251+50.00 (ID186)	98
TOTAL	170

48203003 HOT-MIX ASPHALT SHOULDERS, 1 1/2"

LOCATION	SQ YD
LT STA 198+02.00 TO STA 251+14.00	1,770.67
LT STA 264+00.00 TO STA 355+07.00	3,035.67
RT STA 198+02.00 TO STA 251+14.00	1,770.67
RT STA 264+00.00 TO STA 290+37.87	879.29
RT STA 290+90.23 TO STA 349+38.37	1,949.38
RT STA 350+15.43 TO STA 355+07.00	163.86
TOTAL	9569.54
USE	9,570

48203023 HOT-MIX ASPHALT SHOULDERS, 6 1/2"

LOCATION	SQ YD
LT STA 198+02.00 TO STA 251+14.00	1,770.67
LT STA 264+00.00 TO STA 355+07.00	3,035.67
RT STA 198+02.00 TO STA 251+14.00	1,770.67
RT STA 264+00.00 TO STA 290+37.87	879.29
RT STA 290+90.23 TO STA 349+38.37	1,949.38
RT STA 350+15.43 TO STA 355+07.00	163.86
TOTAL	9,569.54
USE	9,570

50105220 PIPE CULVERT REMOVAL

LOCATION	SIZE	FOOT
LT STA 290+51.90 TO STA 290+84.00	15" CMP	32
TOTAL		32

54248510 CONCRETE COLLAR

LOCATION	SIZE	CU YD
LT STA 189+51.10 (ID181) - FIELD TILE	12"	0.25
LT STA 241+75.50 (ID185)	18"	0.35
TOTAL		0.60
USE		0.6

542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15"

LOCATION	FOOT
LT STA 290+51.90 TO STA 290+83.60	32
TOTAL	32

550B0340 STORM SEWERS, CLASS B, TYPE 2 12"

LOCATION	FOOT
LT STA 189+51.10 (ID181) - FIELD TILE	30
TOTAL	30

60905305 BOX CULVERTS TO BE CLEANED

LOCATION	FOOT
STA 176+97.50 (ID179)	94
STA 189+51.10 (ID181)	104
STA 250+33.80 (ID186)	114
TOTAL	312

60920018 PIPE CULVERTS TO BE CLEANED 18"

LOCATION	FOOT
STA 241+75.50 (ID185)	56
TOTAL	56

MODEL: MODELNAMES
FILE: MODEL FILES



JOB = 2689
FILE NAME = \$FILES\$
PLOT SCALE = \$\$CALES\$
PLOT DATE = \$DATES\$

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 12/09/2021

REVISED -
REVISED -
REVISED -
REVISED -

PIATT COUNTY
CH 5 IMPROVEMENTS

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	10
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

LOCATION	FOOT
LT STA 198+02.00 TO STA 251+14.00	4,871.00
LT STA 264+00.00 TO STA 355+07.00	8,652.00
RT STA 198+02.00 TO STA 251+14.00	5,053.00
RT STA 264+00.00 TO STA 355+07.00	8,624.00
TOTAL	27,200.00
USE	27,200

X2200020 FENCE REMOVAL AND REINSTALLATION

LOCATION	FOOT
LT STA 189+33.00 TO STA 190+04.00 (ID181)	76
TOTAL	76

X2501000 SEEDING, CLASS 2 (SPECIAL)

LOCATION	ACRE
LT STA 169+50.00 TO STA 171+50.00 (ID178)	0.11
LT STA 175+97.00 TO STA 177+27.00 (ID179)	0.34
LT STA 189+49.00 TO STA 189+85.00 (ID181)	0.04
LT STA 198+02.00 TO STA 251+14.00	2.01
LT STA 264+00.00 TO STA 355+07.00	1.60
RT STA 198+02.00 TO STA 251+14.00	1.33
RT STA 264+00.00 TO STA 355+07.00	1.27
TOTAL	6.70
USE	6.75

X2810808 STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

LOCATION	THICKNESS (IN)	TON
LT STA 176+72.50 TO STA 177+28.40 (ID179)	16	54
LT STA 189+49.00 TO STA 189+79.10 (ID181)	16	65
LT STA 206+85.00 TO STA 206+99.60 (ID183)	16	13
LT STA 224+00.10 TO STA 224+28.30 (ID184)	16	70
RT STA 249+92.00 TO STA 250+52.00 (ID186)	16	70
LT STA 250+26.00 TO STA 250+61.00 (ID186)	16	85
TOTAL		357

X5427600 REMOVE AND RELOCATE END SECTIONS

LOCATION	EACH
LT STA 302+47.30 (ID190)	1
RT STA 302+47.30 (ID190)	1
LT STA 316+74.50 (ID191)	1
RT STA 316+74.50 (ID191)	1
RT STA 349+80.30 (ID193) UPSTREAM END	1
TOTAL	5

Z0018500 DRAINAGE STRUCTURE TO BE CLEANED

LOCATION	EACH
RT STA 176+97.50 (ID179)	1
TOTAL	1

MODEL: \\MODEL\NAMES
FILE NAME: \$FILES



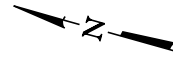
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PLOT DATE = \$DATES\$	DATE - 12/09/2021	REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

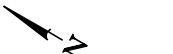
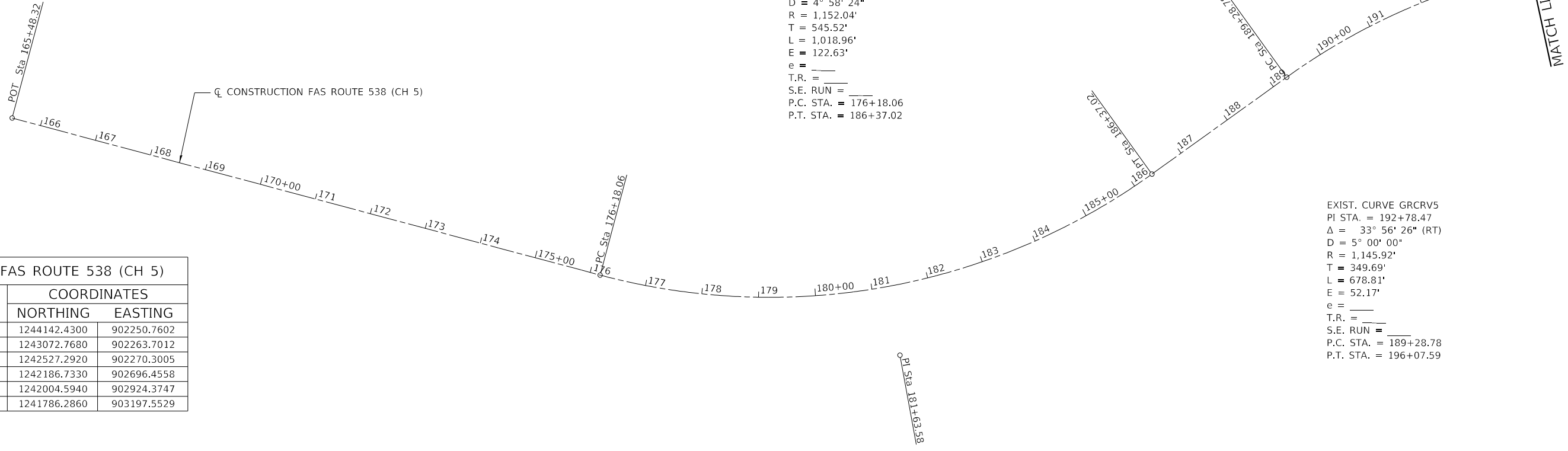
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	11
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE GRCRV4
 PI STA. = 181+63.58
 $\Delta = 50^\circ 40' 37''$ (LT)
 $D = 4^\circ 58' 24''$
 $R = 1,152.04'$
 $T = 545.52'$
 $L = 1,018.96'$
 $E = 122.63'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 176+18.06
 P.T. STA. = 186+37.02

EXIST. CURVE GRCRV5
 PI STA. = 192+78.47
 $\Delta = 33^\circ 56' 26''$ (RT)
 $D = 5^\circ 00' 00''$
 $R = 1,145.92'$
 $T = 349.69'$
 $L = 678.81'$
 $E = 52.17'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 189+28.78
 P.T. STA. = 196+07.59

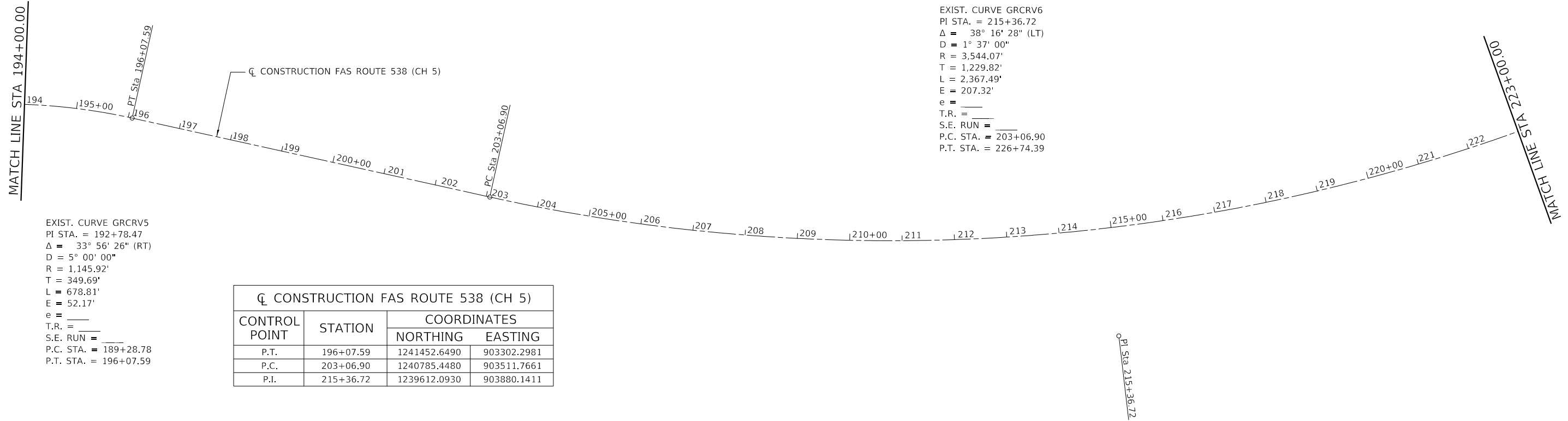
CL CONSTRUCTION FAS ROUTE 538 (CH 5)			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	165+48.32	1244142.4300	902250.7602
P.C.	176+18.06	1243072.7680	902263.7012
P.I.	181+63.58	1242527.2920	902270.3005
P.T.	186+37.02	1242186.7330	902696.4558
P.C.	189+28.78	1242004.5940	902924.3747
P.I.	192+78.47	1241786.2860	903197.5529



EXIST. CURVE GRCRV6
 PI STA. = 215+36.72
 $\Delta = 38^\circ 16' 28''$ (LT)
 $D = 1^\circ 37' 00''$
 $R = 3,544.07'$
 $T = 1,229.82'$
 $L = 2,367.49'$
 $E = 207.32'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 203+06.90
 P.T. STA. = 226+74.39

EXIST. CURVE GRCRV5
 PI STA. = 192+78.47
 $\Delta = 33^\circ 56' 26''$ (RT)
 $D = 5^\circ 00' 00''$
 $R = 1,145.92'$
 $T = 349.69'$
 $L = 678.81'$
 $E = 52.17'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 189+28.78
 P.T. STA. = 196+07.59

CL CONSTRUCTION FAS ROUTE 538 (CH 5)			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.T.	196+07.59	1241452.6490	903302.2981
P.C.	203+06.90	1240785.4480	903511.7661
P.I.	215+36.72	1239612.0930	903880.1411



MODEL: Default
FILE NAME: 2689-shl-all.dgn



JOB = 2689
 FILE NAME = 2689-shl-all.dgn
 PLOT SCALE = 200,0000 / in.
 PLOT DATE = 1/24/2022

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 12/20/2021

REVISED -
 REVISED -
 REVISED -
 REVISED -

**PIATT COUNTY
 CH 5 IMPROVEMENTS**

ALIGNMENT, CROSS TIES, AND BENCHMARKS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	12
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		

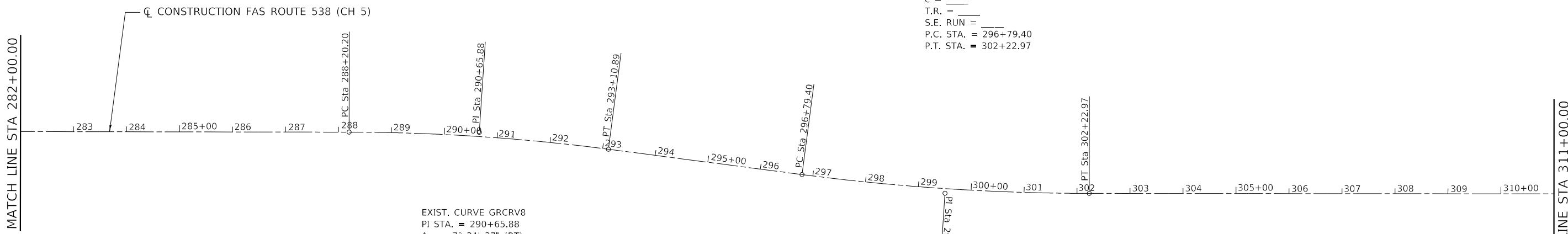
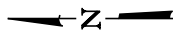
EXIST. CURVE GRCRV6
 PI STA. = 215+36.72
 $\Delta = 38^\circ 16' 28''$ (LT)
 $D = 1^\circ 37' 00''$
 $R = 3,544.07'$
 $T = 1,229.82'$
 $L = 2,367.49'$
 $E = 207.32'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 203+06.90
 P.T. STA. = 226+74.39

EXIST. CURVE GRCRV7
 PI STA. = 258+26.40
 $\Delta = 56^\circ 21' 11''$ (RT)
 $D = 5^\circ 01' 09''$
 $R = 1,141.54'$
 $T = 611.49'$
 $L = 1,122.76'$
 $E = 153.46'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 252+14.92
 P.T. STA. = 263+37.67

CL CONSTRUCTION FAS ROUTE 538 (CH 5)			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.T.	226+74.39	1238919.1280	904896.1444
P.I.	233+65.62	1238529.6400	905467.2004
P.I.	240+61.65	1238140.3730	906044.1911
P.C.	252+14.92	1237497.0690	907001.3693

CL CONSTRUCTION FAS ROUTE 538 (CH 5)			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.I.	258+26.40	1237155.9770	907508.8834
P.T.	263+37.67	1236544.4980	907506.1365
P.I.	264+28.54	1236453.6310	907505.7283
P.I.	274+30.56	1235451.6130	907503.5177

EXIST. CURVE GRCRV7
 PI STA. = 258+26.40
 $\Delta = 56^\circ 21' 11''$ (RT)
 $D = 5^\circ 01' 09''$
 $R = 1,141.54'$
 $T = 611.49'$
 $L = 1,122.76'$
 $E = 153.46'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 252+14.92
 P.T. STA. = 263+37.67

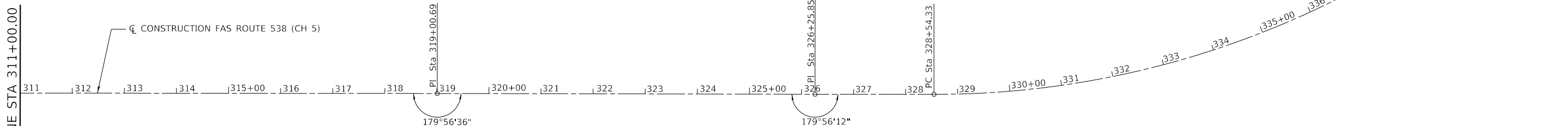
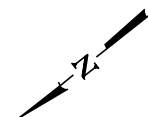


EXIST. CURVE GRCRV9
 PI STA. = 299+51.56
 $\Delta = 7^\circ 23' 57''$ (LT)
 D = $1^\circ 21' 40''$
 R = 4,209.24'
 T = 272.17'
 L = 543.58'
 E = 8.79'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 296+79.40
 P.T. STA. = 302+22.97

CL CONSTRUCTION FAS ROUTE 538 (CH 5)

CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	288+20.20	1234061.9830	907499.0356
P.I.	290+65.88	1233816.3020	907498.2432
P.T.	293+10.89	1233572.7470	907465.9832
P.C.	296+79.40	1233207.4290	907417.5953
P.I.	299+51.56	1232937.6190	907381.8578
P.T.	302+22.97	1232665.4540	907381.1641

EXIST. CURVE GRCRV8
 PI STA. = 290+65.88
 $\Delta = 7^\circ 21' 37''$ (RT)
 D = $1^\circ 30' 00''$
 R = 3,819.69'
 T = 245.68'
 L = 490.69'
 E = 7.89'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 288+20.20
 P.T. STA. = 293+10.89



EXIST. CURVE GRCRV10
 PI STA. = 345+66.94
 $\Delta = 89^\circ 53' 18''$ (LT)
 D = $3^\circ 20' 20''$
 R = 1,715.95'
 T = 1,712.61'
 L = 2,692.06'
 E = 708.41'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 328+54.33
 P.T. STA. = 355+46.40

CL CONSTRUCTION FAS ROUTE 538 (CH 5)

CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.I.	319+00.69	1230987.7390	907376.8874
P.I.	326+25.85	1230262.5830	907374.3223
P.C.	328+54.33	1230034.1030	907373.7672

MODEL: Default
FILE NAME: 2689-shl-all.dgn



JOB = 2689
 FILE NAME = 2689-shl-all.dgn
 PLOT SCALE = 200,0000' / in.
 PLOT DATE = 1/24/2022

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 12/20/2021

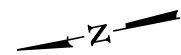
REVISED -
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

ALIGNMENT, CROSS TIES, AND BENCHMARKS

SCALE: SHEET OF SHEETS STA. TO STA.

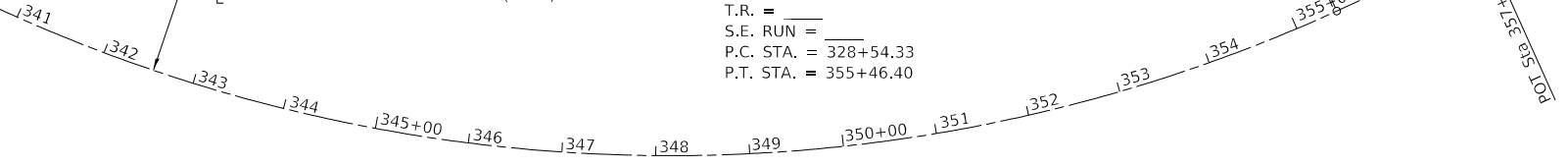
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	14
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	



MATCH LINE STA 340+00.00

EXIST. CURVE GRCRV10
 PI STA. = 345+66.94
 $\Delta = 89^\circ 53' 18''$ (LT)
 $D = 3^\circ 20' 20''$
 $R = 1,715.95'$
 $T = 1,712.61'$
 $L = 2,692.06'$
 $E = 708.41'$
 $e = \text{---}$
 T.R. = ---
 S.E. RUN = ---
 P.C. STA. = 328+54.33
 P.T. STA. = 355+46.40

CL CONSTRUCTION FAS ROUTE 538 (CH 5)



CL CONSTRUCTION FAS ROUTE 538 (CH 5)			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.I.	345+66.94	1228321.5000	907369.6061
P.T.	355+46.40	1228314.0000	909082.1976
P.O.T.	357+19.33	1228312.9460	909255.1245

PI Sta 345+66.94

- BM*10 - MAG NAIL IN TOP 15" Ø CMP
42.0' LT STA 161+08.9
ELEV. 690.66
- BM*11 - MAG NAIL IN TOP 15" Ø CMP
34.2' LT STA 168+26.0
ELEV. 686.43
- BM*12 - CUT '□' IN CONCRETE DITCH
29.8' RT STA. 175+02.5
ELEV. 681.45
- BM*13 - MAG NAIL IN TOP 15" Ø CMP
25.5' LT STA 182+41.6
ELEV. 685.90
- BM*14 - MAG NAIL IN TOP FENCE POST
50.7' LT STA 192+15.5
ELEV. 693.70
- BM*E- PEAK OF ROW MARKER
50.2' RT STA 201+52.7
ELEV. 685.94
- BM*D- MAG NAIL IN S END 15" Ø CMP
28.6' LT STA 209+61.1
ELEV. 684.39
- BM*C - MAG NAIL IN S END 18" Ø CMP
34.8' RT STA 222+34.1
ELEV. 680.87
- BM*B - SPIKE NAIL IN 12" TREE
53.2' LT STA 232+75.2
ELEV. 686.98
- BM*A - SPIKE NAIL IN POWER POLE
47.5' RT STA 242+92.0
ELEV. 683.51
- BM*15 - MAG NAIL IN TOP 24" Ø CMP
53.0' RT STA 253+78.4
ELEV. 667.22
- BM*16 - CUT '□' ON CONCRETE HEADWALL
57.1' LT, STA. 258+42.6
ELEV. 677.60
- BM*17 - MAG NAIL IN TOP 18" Ø CMP
35.2' LT STA 262+14.5
ELEV. 681.67
- BM*18 - TOP APEX OF ROW MARKER
44.3' LT STA 274+26.2
ELEV. 690.90
- BM*19 - CHISELED '□' ON HEADWALL
35.9' RT STA 290+42.1
ELEV. 690.65
- BM*20 - MAG NAIL IN TOP 18" CMP
29.9' LT STA 305+14.8
ELEV. 685.39
- BM*21 - MAG NAIL IN TOP 15" CMP
31.5' LT STA 316+29.1
ELEV. 682.73
- BM*22 - SPIKE NAIL IN POWER POLE
44.8' RT STA 331+33.6
ELEV. 687.62
- BM*23 - MAG NAIL IN TOP 18" CMP
30.5' LT STA 342+14.5
ELEV. 681.63

MODEL: Default
FILE NAME: 2689-shl-all.dgn



JOB = 2689
FILE NAME = 2689-shl-all.dgn
PLOT SCALE = 200.0000' / in.
PLOT DATE = 1/24/2022

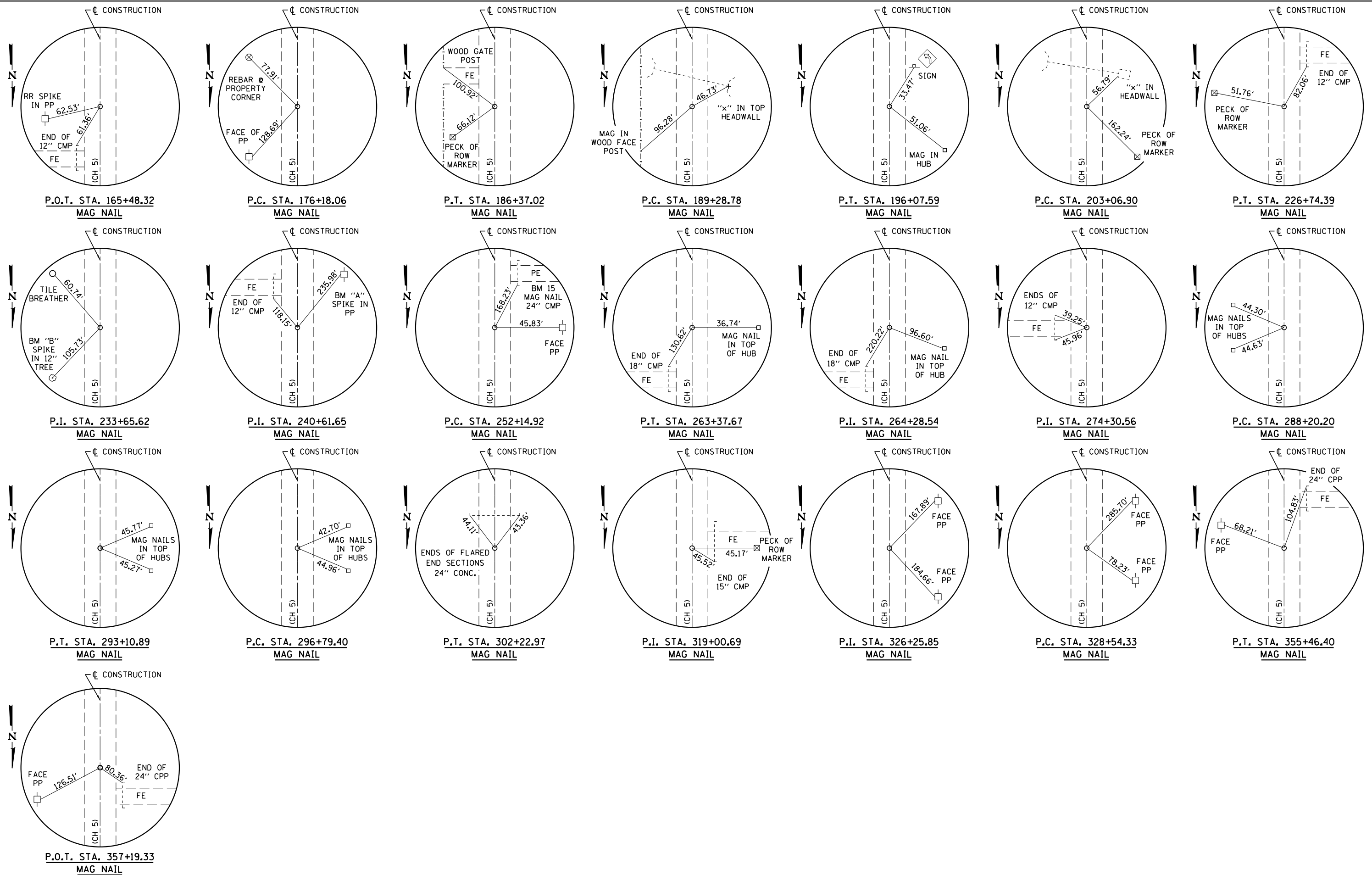
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DRAWN - CGF	REVISED -
CHECKED - TSH	REVISED -
DATE - 12/20/2021	REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

ALIGNMENT, CROSS TIES, AND BENCHMARKS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	15
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	



P.O.T. STA. 165+48.32
MAG NAIL

P.C. STA. 176+18.06
MAG NAIL

P.T. STA. 186+37.02
MAG NAIL

P.C. STA. 189+28.78
MAG NAIL

P.T. STA. 196+07.59
MAG NAIL

P.C. STA. 203+06.90
MAG NAIL

P.T. STA. 226+74.39
MAG NAIL

P.I. STA. 233+65.62
MAG NAIL

P.I. STA. 240+61.65
MAG NAIL

P.C. STA. 252+14.92
MAG NAIL

P.T. STA. 263+37.67
MAG NAIL

P.I. STA. 264+28.54
MAG NAIL

P.I. STA. 274+30.56
MAG NAIL

P.C. STA. 288+20.20
MAG NAIL

P.T. STA. 293+10.89
MAG NAIL

P.C. STA. 296+79.40
MAG NAIL

P.T. STA. 302+22.97
MAG NAIL

P.I. STA. 319+00.69
MAG NAIL

P.I. STA. 326+25.85
MAG NAIL

P.C. STA. 328+54.33
MAG NAIL

P.T. STA. 355+46.40
MAG NAIL

P.O.T. STA. 357+19.33
MAG NAIL

MODEL: Default
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CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2689
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DRAWN - SJS
CHECKED - TSH
DATE - 12/20/2021

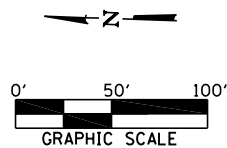
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

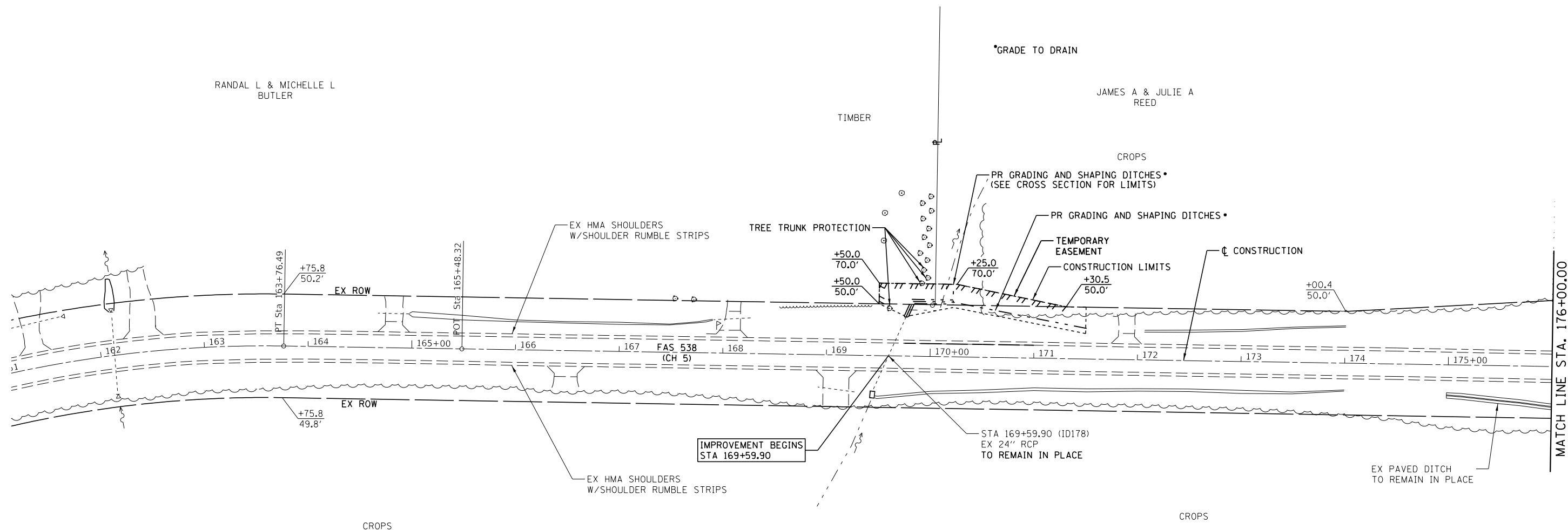
ALIGNMENT, CROSS TIES, AND BENCHMARKS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	16
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				



NOTE:
 PERIMETER EROSION BARRIER SHALL BE PLACED AT THE DOWNSTREAM END OF CULVERT STA 169+59.90 (ID178) ALONG THE TEMPORARY EASEMENT / EXIST RIGHT-OF-WAY LINE (SEE SCHEDULE FOR EXACT LOCATION).



BM*10 - MAG NAIL IN TOP 15" Ø CMP
 42.0' LT STA 161+08.9
 ELEV. 690.66

BM*11 - MAG NAIL IN TOP 15" Ø CMP
 34.2' LT STA 168+26.0
 ELEV. 686.43

BM*12 - CUT "Ø" IN CONCRETE DITCH
 29.8' RT STA. 175+02.5
 ELEV. 681.45

MODEL: 14082614M01
 FILE NAME: 311215



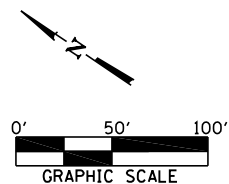
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**PIATT COUNTY
 CH 5 IMPROVEMENTS**

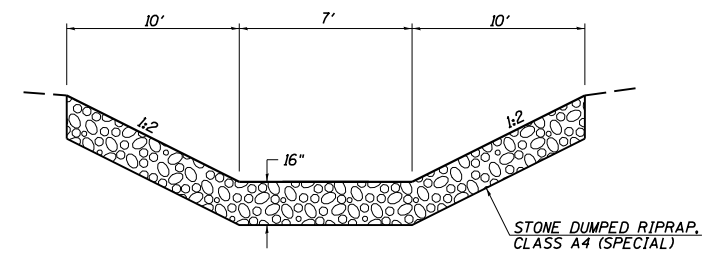
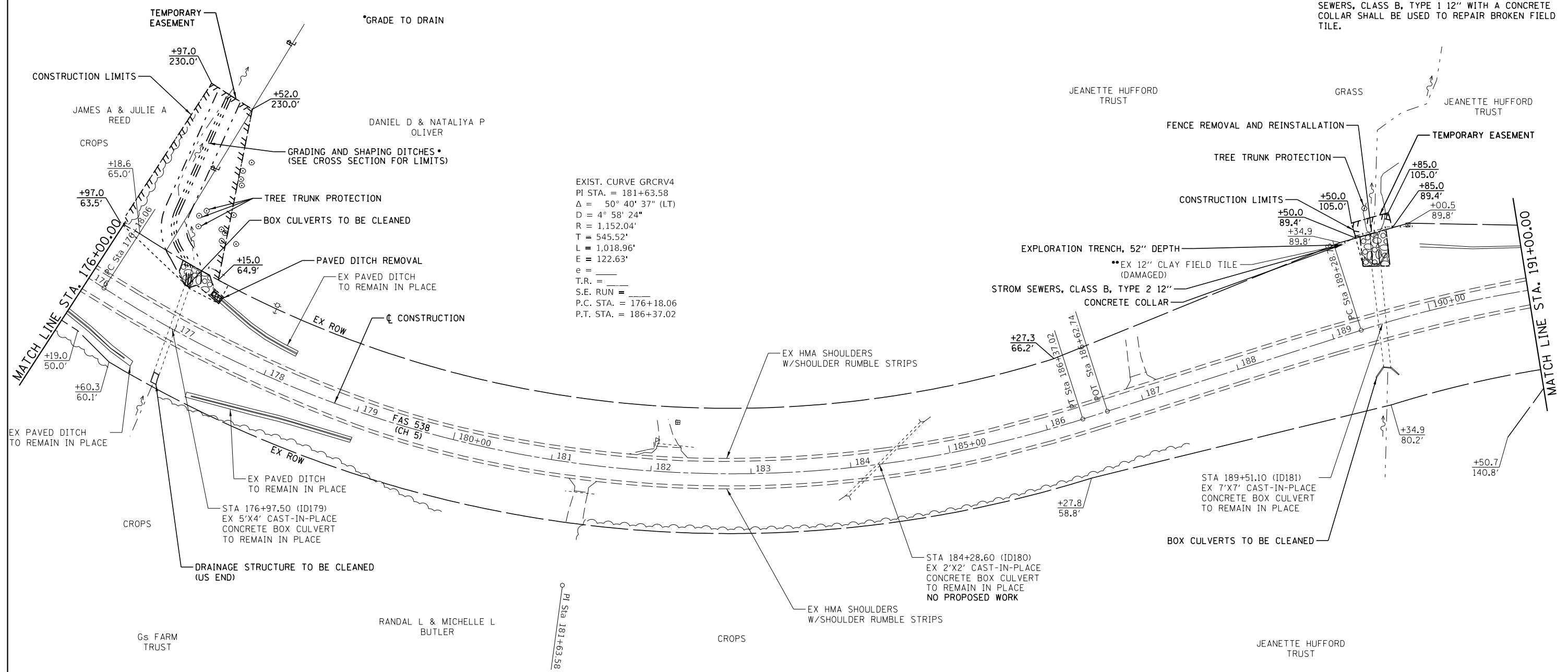
PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	17
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				



- NOTE:
- PERIMETER EROSION BARRIER SHALL BE PLACED AT THE DOWNSTREAM END OF CULVERT STA 176+97.50 (ID179) & CULVERT STA 189+51.10 (ID181) ALONG THE TEMPORARY EASEMENT / EXIST RIGHT-OF-WAY LINE (SEE SCHEDULE FOR EXACT LOCATION).
 - EXPLORATION TRENCH 52" DEPTH SHALL BE USED TO LOCATE THE DAMAGED 12" CLAY FIELD TILE. STORM SEWERS, CLASS B, TYPE 1 12" WITH A CONCRETE COLLAR SHALL BE USED TO REPAIR BROKEN FIELD TILE.



PROPOSED TYPICAL SECTION THRU RIPRAP DITCH (ID179)
 (SEE CROSS SECTION FOR LIMITS)

BM#13 - MAG NAIL IN TOP 15" \emptyset CMP
 25.5' LT STA 182+41.6
 ELEV. 685.90

LEGEND
 - STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

MODEL: S:\MODELS\PIATT CH 5 IMPROVEMENTS\PIATT.CH5

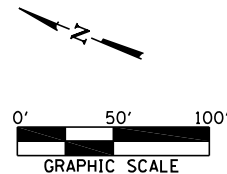


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	DATE - 11-22-2021	REVISED -

PIATT COUNTY
 CH 5 IMPROVEMENTS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	18
CONTRACT NO. 91611				
ILLINOIS / FED. AID PROJECT				



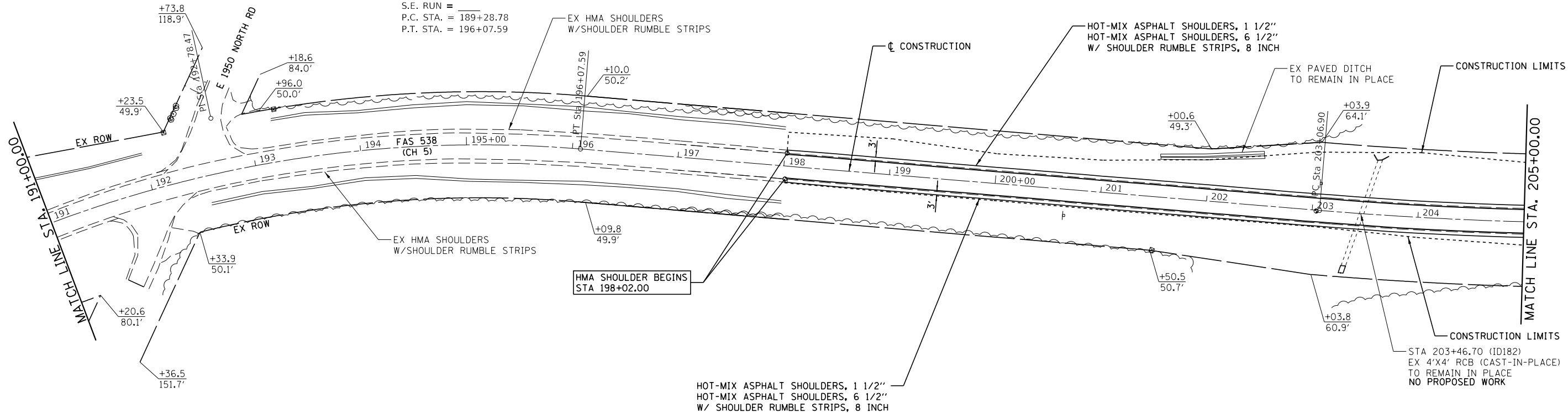
JEANETTE HUFFORD TRUST

TOWN OF GOOSE CREEK

EXIST. CURVE GRCRV5
 PI STA. = 192+78.47
 $\Delta = 33^\circ 56' 26''$ (RT)
 $D = 5^\circ 00' 00''$
 $R = 1,145.92'$
 $T = 349.69'$
 $L = 678.81'$
 $E = 52.17'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 189+28.78
 P.T. STA. = 196+07.59

ANGELA L CRISCOLO

HAROLD G VOGELZANG



MARY ANN REED

FRANK J LOFRANO TRUSTEE

BM*14 - MAG NAIL IN TOP FENCE POST
 50.7' LT STA 192+15.5
 ELEV. 693.70

BM*E - PEAK OF ROW MARKER
 50.2' RT STA 201+52.7
 ELEV. 685.94

PIATT COUNTY
 CH 5 IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

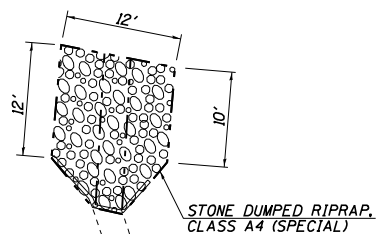
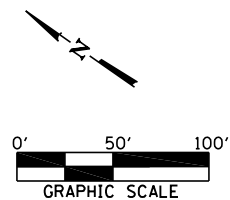
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	19
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

MODEL: S:\MODELS\MAMES
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CEC Cummins
 Engineering
 Corporation
 Civil and Structural Engineering

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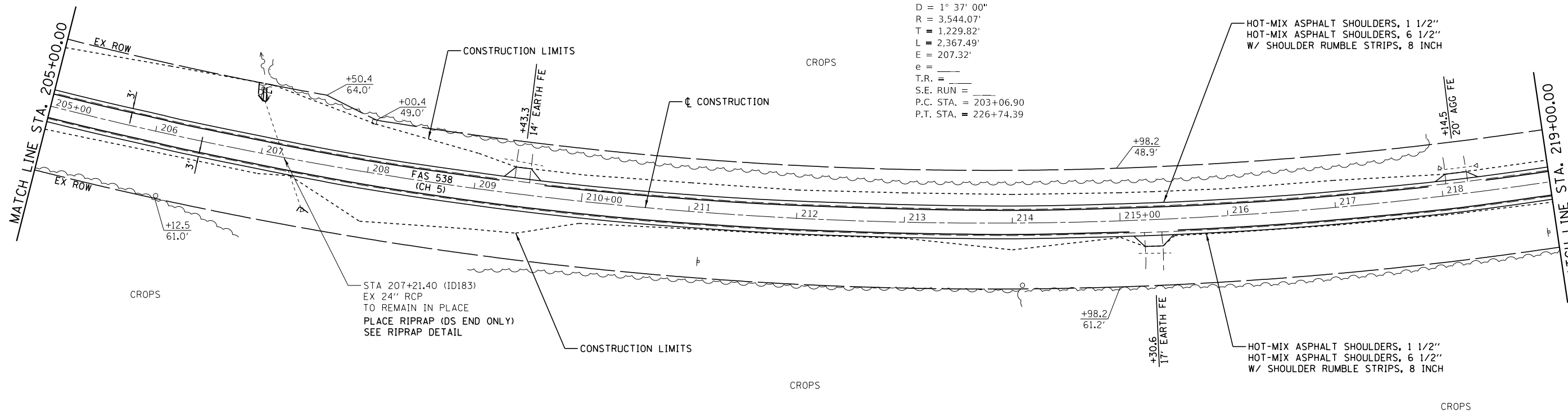
NOTE:
PERIMETER EROSION BARRIER SHALL BE PLACED AT THE DOWNSTREAM END OF CULVERT STA 207+21.40 (ID183) ALONG THE EXIST RIGHT-OF-WAY LINE (SEE SCHEDULE FOR EXACT LOCATION).



PROPOSED RIPRAP DETAIL AT DS ENDL (ID183)
(SEE CROSS SECTION FOR LIMITS)

HAROLD G VOGELZANG

EXIST. CURVE GRCRV6
PI STA. = 215+36.72
 $\Delta = 38^\circ 16' 28''$ (LT)
D = $1^\circ 37' 00''$
R = 3,544.07'
T = 1,229.82'
L = 2,367.49'
E = 207.32'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 203+06.90
P.T. STA. = 226+74.39



LEGEND

- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

BM#D- MAG NAIL IN S END 15" \emptyset CMP
28.6' LT STA 209+61.1
ELEV. 684.39

PIATT COUNTY
CH 5 IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	20
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

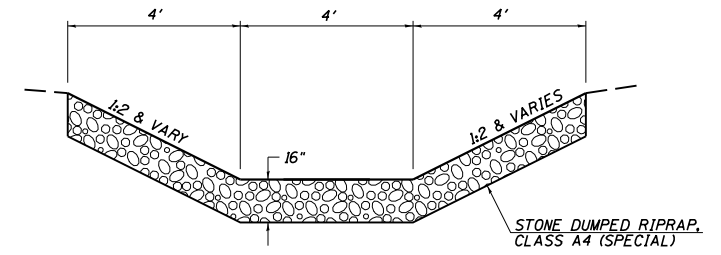
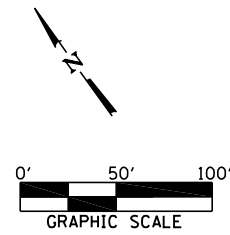
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CEC Cummins
Engineering Corporation
Civil and Structural Engineering

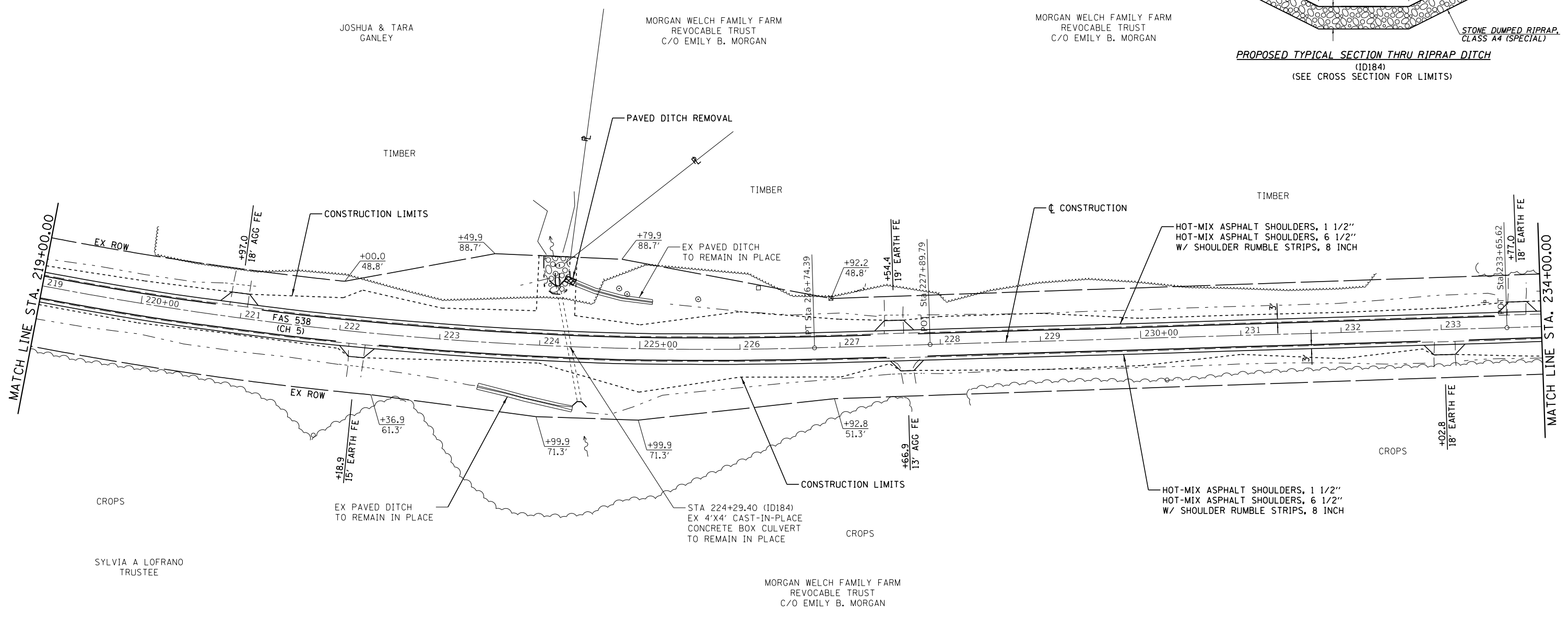
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	DATE - 11-22-2021	REVISED -

NOTE:

PERIMETER EROSION BARRIER SHALL BE PLACED AT THE DOWNSTREAM END OF CULVERT STA 224+29.40 (ID184) ALONG THE EXIST RIGHT-OF-WAY LINE (SEE SCHEDULE FOR EXACT LOCATION).



PROPOSED TYPICAL SECTION THRU RIPRAP DITCH (ID184)
(SEE CROSS SECTION FOR LIMITS)



LEGEND

- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

BM*C - MAG NAIL IN S END 18" Ø CMP
34.8' RT STA 222+34.1
ELEV. 680.87

BM*B - SPIKE IN 12" TREE
53.2' LT STA 232+75.2
ELEV. 686.98

MODEL: S:\MODELS\MAMES
FILE NAME: STILES



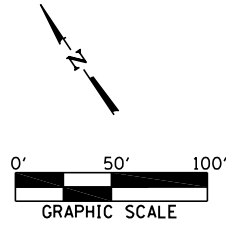
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	DATE - 11-22-2021	REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

SCALE:		SHEET OF SHEETS		STA.	TO STA.
		PLAN			

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	21
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

NOTE:
 PERIMETER EROSION BARRIER SHALL BE PLACED AT BOTH THE UPSTREAM AND DOWNSTREAM ENDS OF CULVERT STA 241+75.50 (ID185) ALONG THE EXIST RIGHT-OF-WAY LINE (SEE SCHEDULE FOR EXACT LOCATION).



MORGAN WELCH FAMILY FARM
 REVOCABLE TRUST
 C/O EMILY B. MORGAN

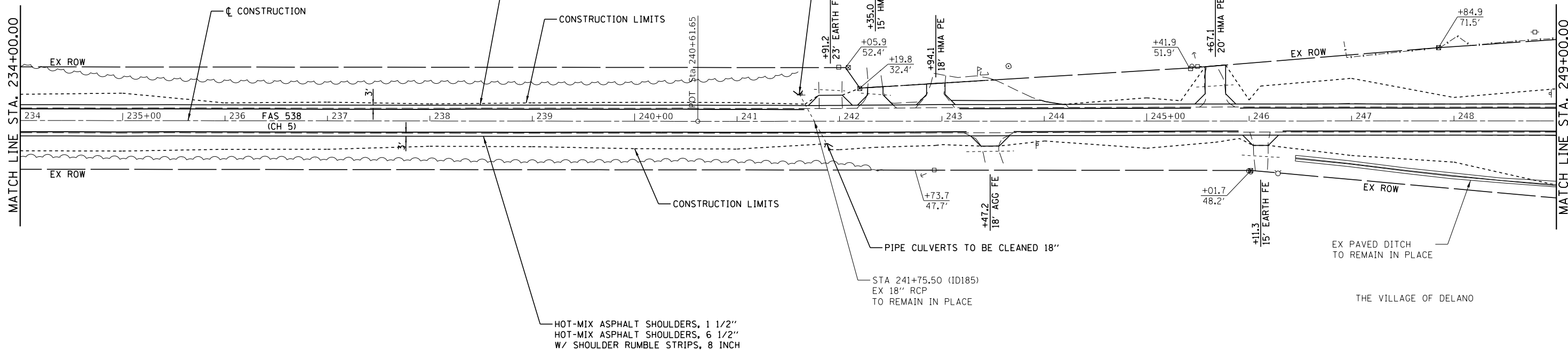
JANICE G
 SHIFFER

BRUCE H & JANICE G
 SHIFFER

JANICE G
 SHIFFER

HOT-MIX ASPHALT SHOULDERS, 1 1/2"
 HOT-MIX ASPHALT SHOULDERS, 6 1/2"
 W/ SHOULDER RUMBLE STRIPS, 8 INCH

PIPE CULVERTS TO BE CLEANED 18"
 CONCRETE COLLAR (AT FIRST PIPE JOINT)
 (SEE CROSS SECTION)



HOT-MIX ASPHALT SHOULDERS, 1 1/2"
 HOT-MIX ASPHALT SHOULDERS, 6 1/2"
 W/ SHOULDER RUMBLE STRIPS, 8 INCH

MORGAN WELCH FAMILY FARM
 REVOCABLE TRUST
 C/O EMILY B. MORGAN

JONATHON E
 BEEVER

BM*A - SPIKE NAIL IN POWER POLE
 47.5' RT STA 242+92.0
 ELEV. 683.51

MODEL: 140DELMNAMES
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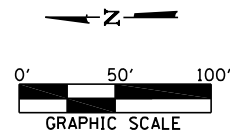
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**PIATT COUNTY
 CH 5 IMPROVEMENTS**

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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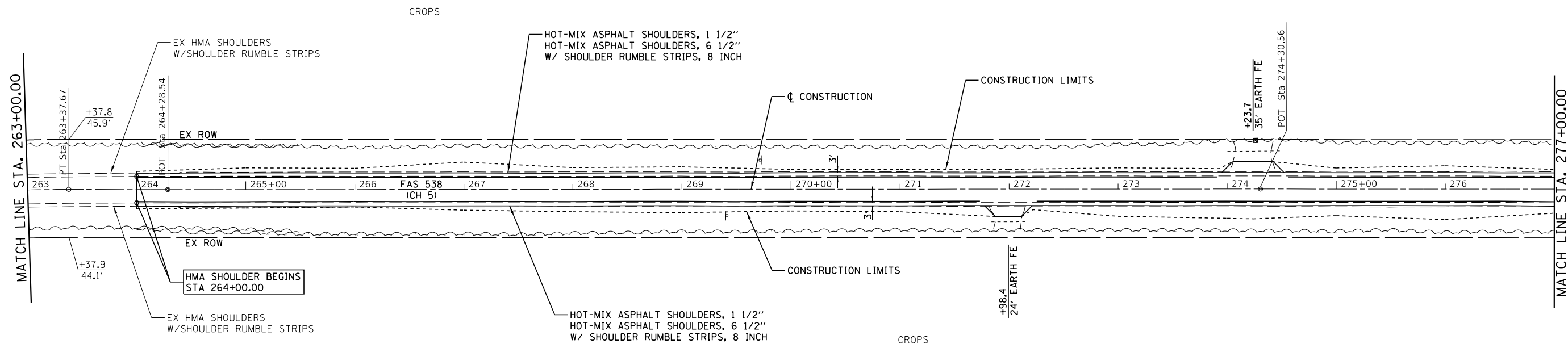
PLAN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	22
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				



MILLENNIA PARK LIMITED
C/O BUSY AG SERVICES

NORSE FARMS
LTD



JENNIFER MARIE
CARROLL

SHANNON D
CARROLL

JENNIFER MARIE
CARROLL

SHANNON D
CARROLL

JENNIFER MARIE
CARROLL

BM*18 - TOP APEX OF ROW MARKER
44.3' LT STA 274+26.2
ELEV. 690.90

MODEL: SHANNON D CARROLL
FILE NAME: ST115



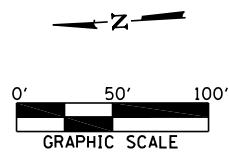
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	DATE - 11-22-2021	REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE. 538	SECTION 21-00220-05-5D	COUNTY PIATT	TOTAL SHEETS 74	SHEET NO. 24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 91611	



EXIST. CURVE GRCRV8
 PI STA. = 290+65.88
 $\Delta = 7^\circ 21' 37''$ (RT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.69'$
 $T = 245.68'$
 $L = 490.69'$
 $E = 7.89'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 288+20.20$
 $P.T. STA. = 293+10.89$

NORSE FARMS LTD

CROPS

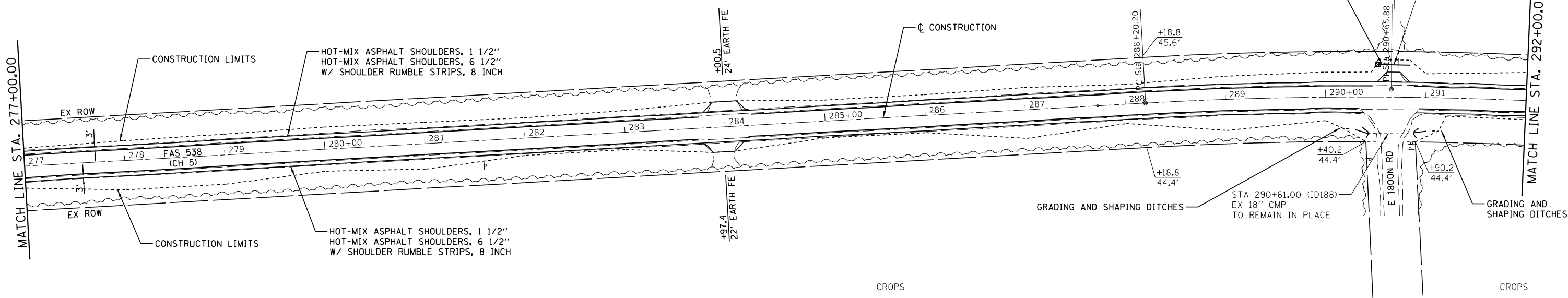
PR PIPE CULVERTS, CLASS D,
 TYPE 1 15"
 USFL 32.5' LT STA 290+51.9 ELEV 686.87
 DSFL 32.1' LT STA 290+83.6 ELEV 686.76

STA 290+65.00 (ID189)
 EX 15" CMP
 PIPE CULVERT REMOVAL

CROPS

MATCH LINE STA. 292+00.00

MATCH LINE STA. 277+00.00



JENNIFER MARIE CARROLL

SHANNON D CARROLL

JENNIFER MARIE CARROLL

SHANNON D CARROLL

NORSE FARMS LTD

LEGEND

☒ - INLET AND PIPE PROTECTION

BM*19 - MAG NAIL IN TOP 18" Ø CMP
 35.9' RT STA 290+42.1
 ELEV. 690.65

MODEL: SHANNON D CARROLL
 FILE NAME: ST115



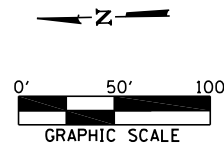
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	DATE - 11-22-2021	REVISED -

PIATT COUNTY
 CH 5 IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	25
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

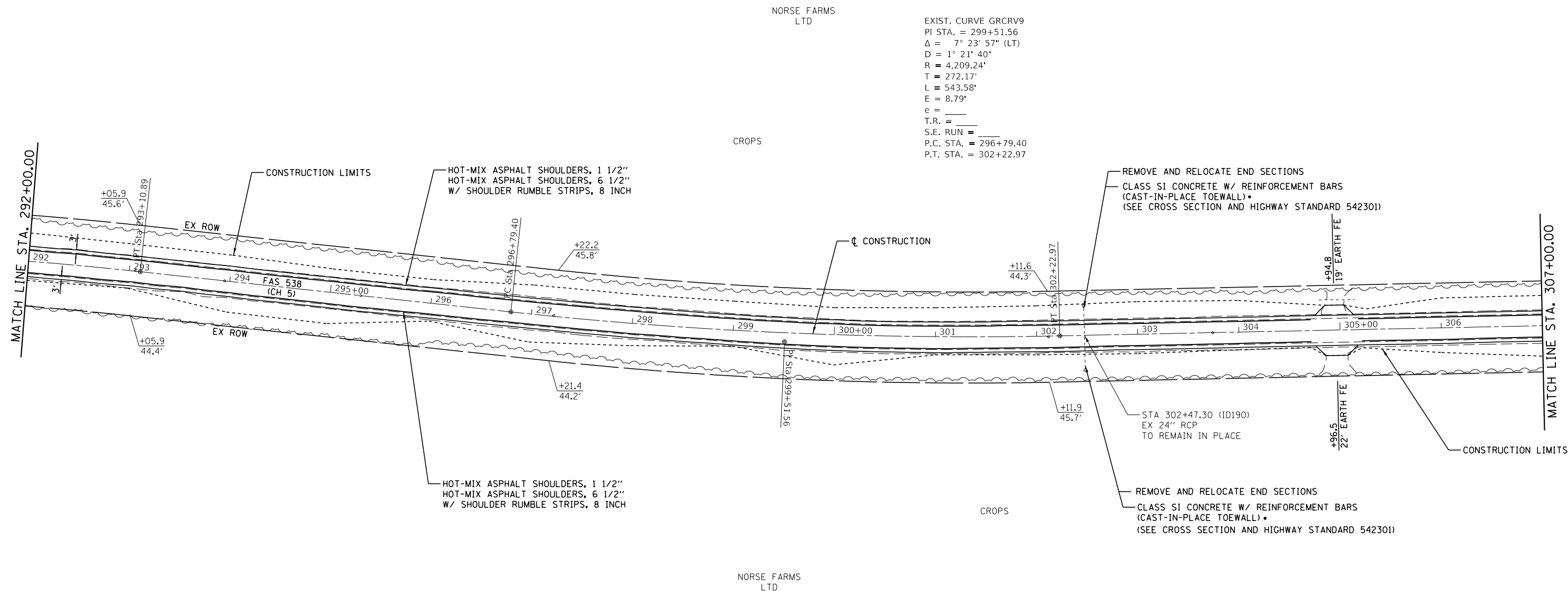


NOTE:

PERIMETER EROSION BARRIER SHALL BE PLACED AT BOTH THE UPSTREAM AND DOWNSTREAM ENDS OF CULVERT STA 302+47.30 (ID190) ALONG THE EXIST RIGHT-OF-WAY LINE (SEE SCHEDULE FOR EXACT LOCATION).

*TOEWALL SHALL BE POURED IN PLACE AS SHOWN IN THE DETAIL IN THE PLANS. CLASS SI CONCRETE AND REINFORCEMENT BARS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST TO REMOVE AND RELOCATE END SECTIONS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

EXIST. CURVE GRCRV9
 PI STA. = 299+51.56
 $\Delta = 7^\circ 23' 57''$ (LT)
 $D = 1^\circ 21' 40''$
 $R = 4,209.24'$
 $T = 272.17'$
 $L = 543.58'$
 $E = 8.79'$
 $e = \underline{\hspace{1cm}}$
 T.R. =
 S.E. RUN =
 P.C. STA. = 296+79.40
 P.T. STA. = 302+22.97



BM*20 - MAG NAIL IN TOP 18" \emptyset CMP
 29.9' RT STA 305+14.8
 ELEV. 685.39

MODEL: \$MODELNAME\$
 FILE NAME: \$FILES\$



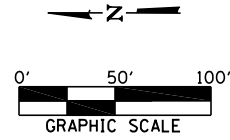
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**PIATT COUNTY
 CH 5 IMPROVEMENTS**

SCALE:		SHEET OF SHEETS		STA.	TO STA.

PLAN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	26
CONTRACT NO. 91611			ILLINOIS FED. AID PROJECT	

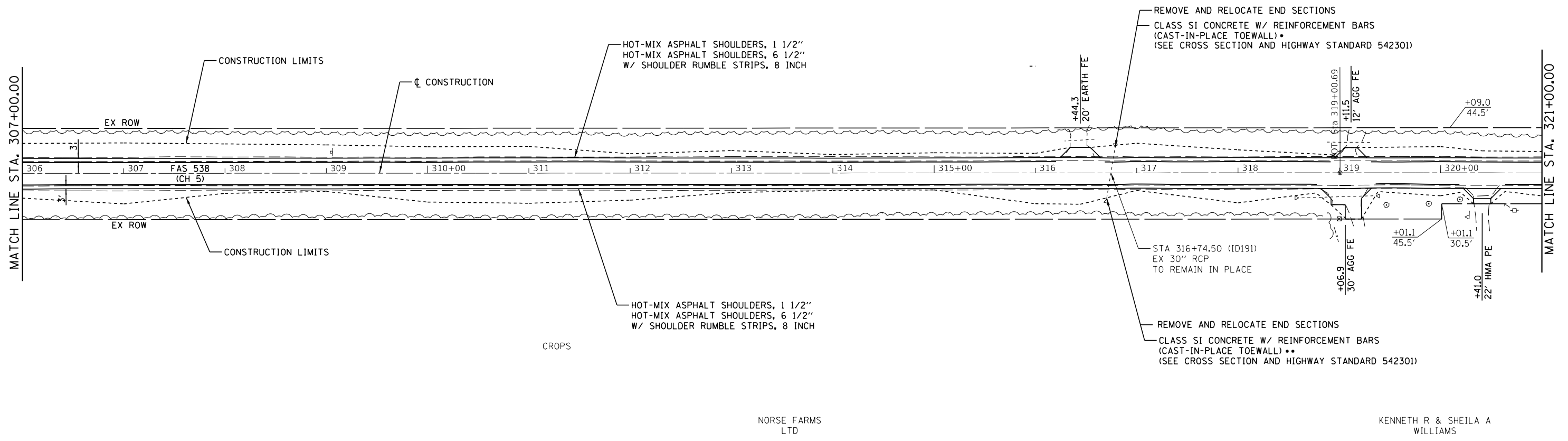


NOTE:
 PERIMETER EROSION BARRIER SHALL BE PLACED AT BOTH THE UPSTREAM AND DOWNSTREAM ENDS OF CULVERT STA 316+74.50 (ID191) ALONG THE EXIST RIGHT-OF-WAY LINE (SEE SCHEDULE FOR EXACT LOCATION).
 *TOEWALL SHALL BE POURED IN PLACE AS SHOWN IN THE DETAIL IN THE PLANS. CLASS SI CONCRETE AND REINFORCEMENT BARS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST TO REMOVE AND RELOCATE END SECTIONS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

NORSE FARMS LTD

RICHARD L & BEULAH L TRUST

CROPS



BM#21 - MAG NAIL IN TOP 15" Ø CMP
 31.5' LT STA 316+29.1
 ELEV. 682.73

MODEL: \\MODELS\PIATT\CH 5 IMPROV\PIATT.CH5



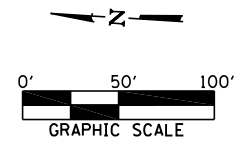
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	DATE - 11-22-2021	REVISED -

**PIATT COUNTY
 CH 5 IMPROVEMENTS**

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
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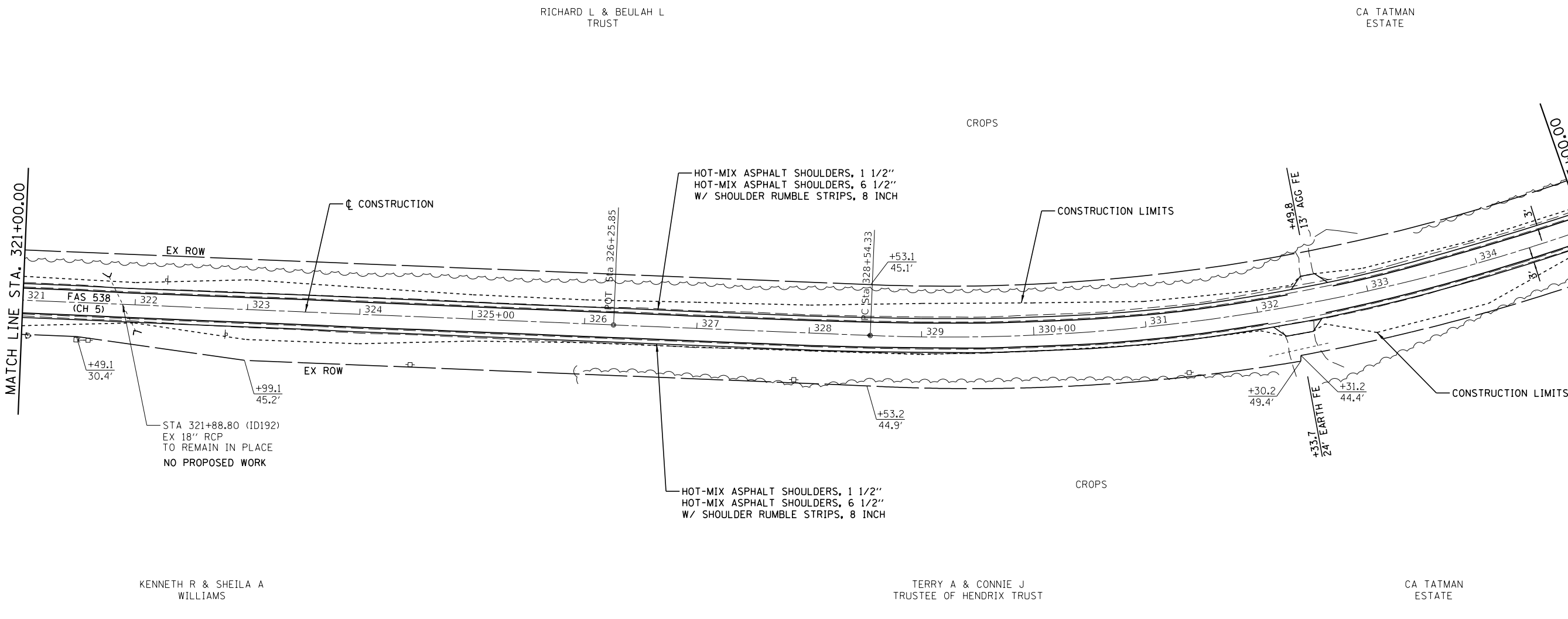
PLAN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	27
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 321+00.00

MATCH LINE STA. 335+00.00



RICHARD L & BEULAH L TRUST

CA TATMAN ESTATE

CROPS

CROPS

KENNETH R & SHEILA A WILLIAMS

TERRY A & CONNIE J TRUSTEE OF HENDRIX TRUST

CA TATMAN ESTATE

BM*22 - SPIKE NAIL IN POWER POLE
44.8' RT STA 331+33.6
ELEV. 687.62

MODEL: \\MODELS\PIATT\CH 5 IMPROVEMENTS\PIATT.CH5



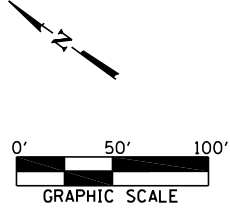
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

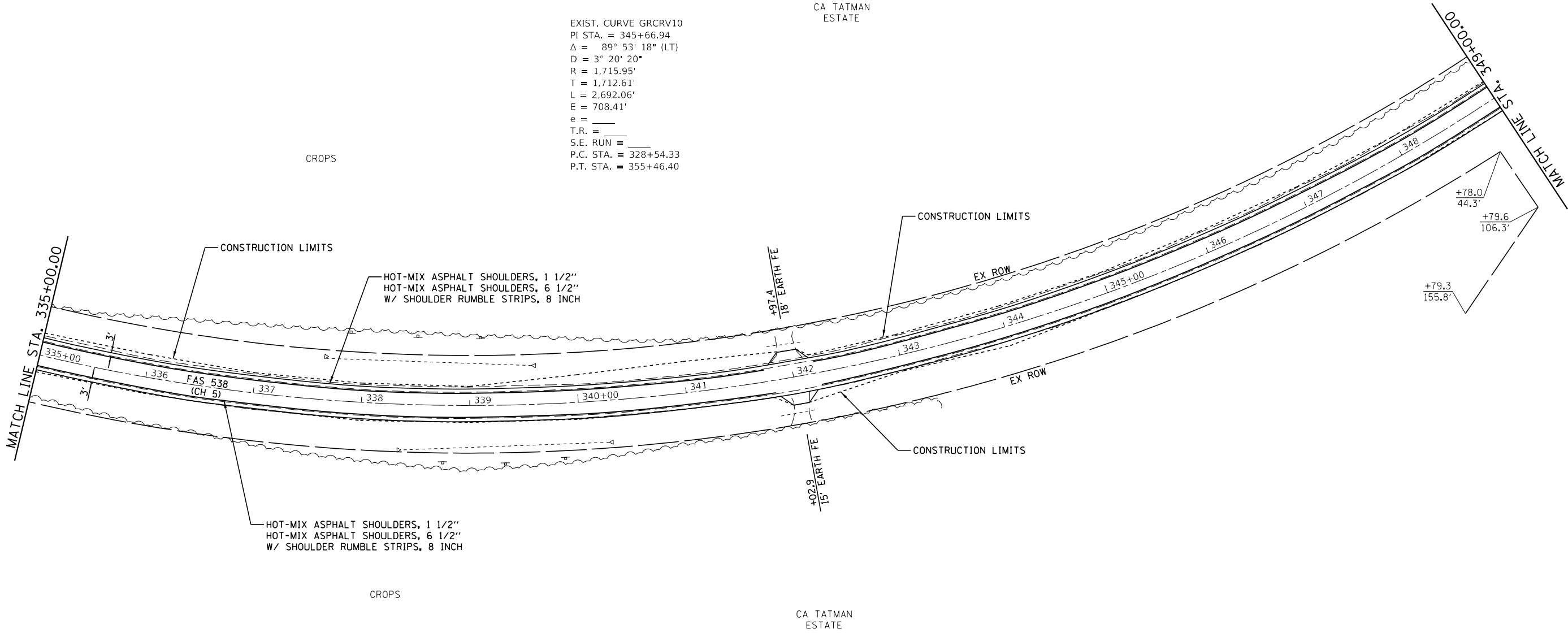
PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE. 538	SECTION 21-00220-05-5D	COUNTY PIATT	TOTAL SHEETS 74	SHEET NO. 28
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE GRCRV10
 PI STA. = 345+66.94
 $\Delta = 89^\circ 53' 18''$ (LT)
 $D = 3^\circ 20' 20''$
 $R = 1,715.95'$
 $T = 1,712.61'$
 $L = 2,692.06'$
 $E = 708.41'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 328+54.33$
 $P.T. STA. = 355+46.40$



BM*23 - MAG NAIL IN TOP 18" \emptyset CMP
 30.5' LT STA 342+14.5
 ELEV. 681.63

MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$EXT\$



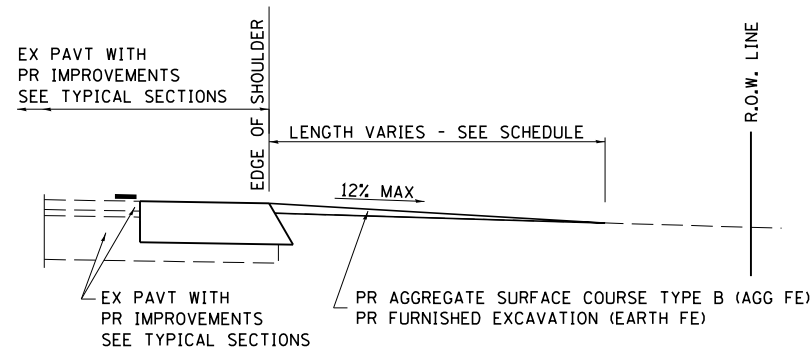
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**PIATT COUNTY
 CH 5 IMPROVEMENTS**

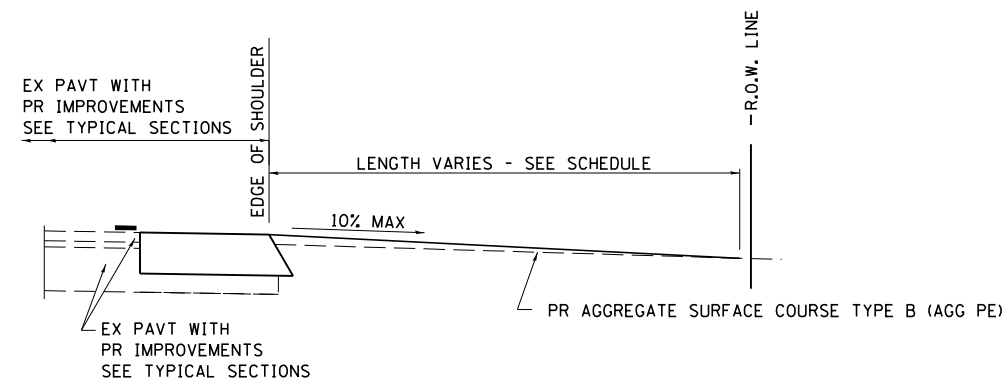
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PLAN

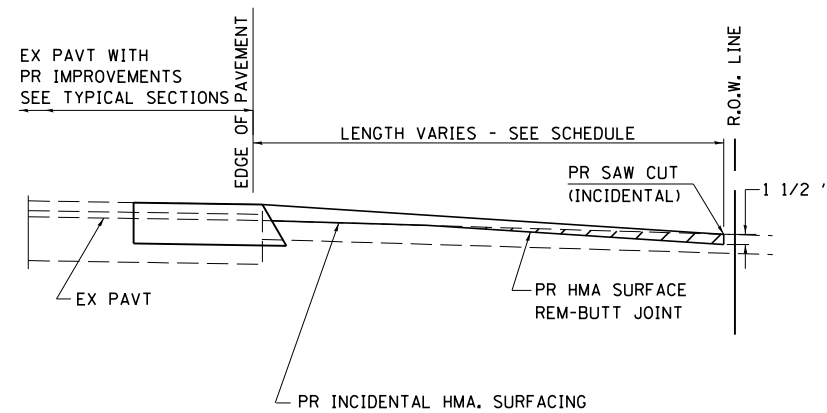
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	29
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				



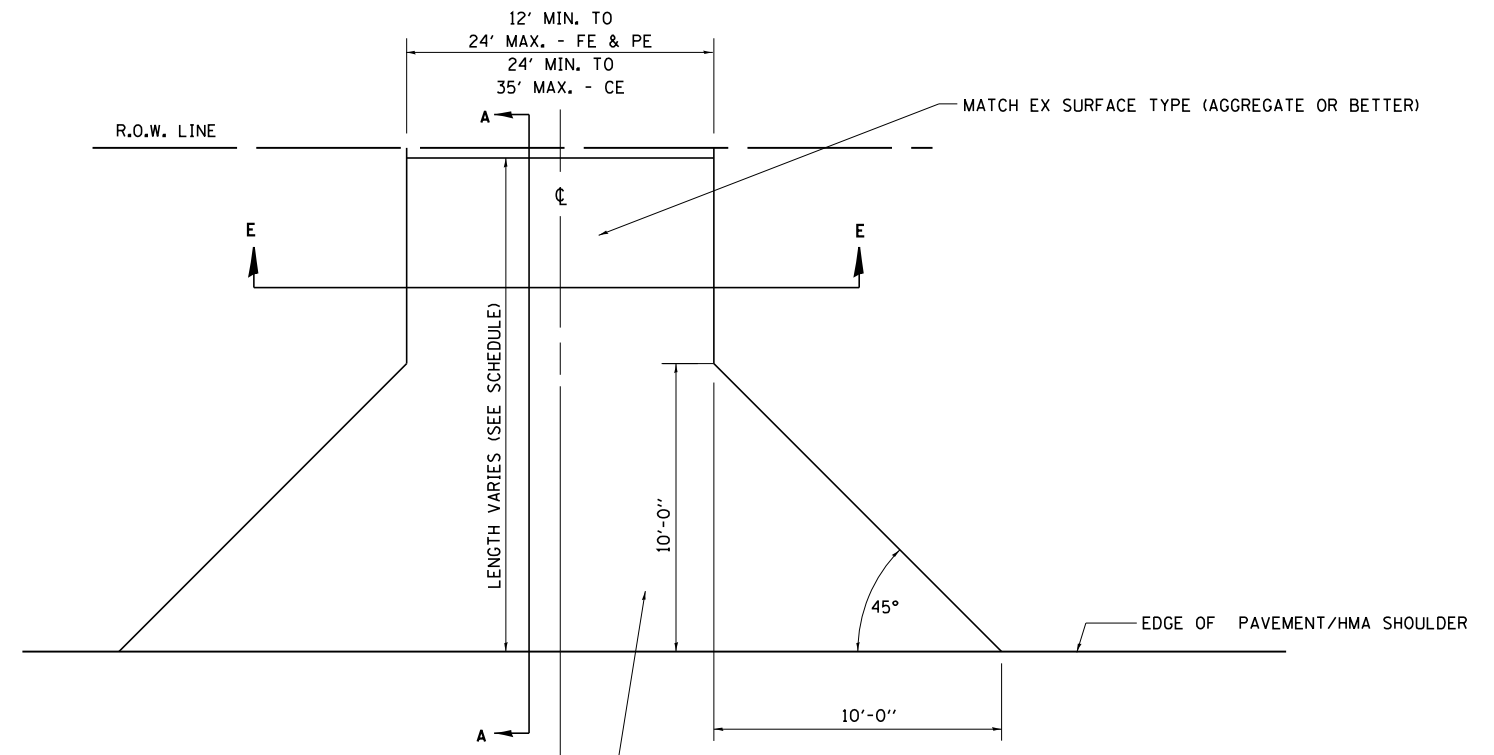
SECTION A-A FOR EX EARTH/AGGREGATE FE



SECTION A-A FOR EX AGGREGATE PE



SECTION A-A FOR EX P.C. HMA & CONC. PE & CE



FOR EX EARTH OR AGGREGATE SURFACES:
 PR AGGREGATE SURFACE COURSE TYPE B (AGG FE/PE)
 PR FURNISHED EXCAVATION (EARTH FE)

FOR HMA:
 PR INCIDENTAL HMA SURFACING (HMA PE)

GENERAL NOTES:

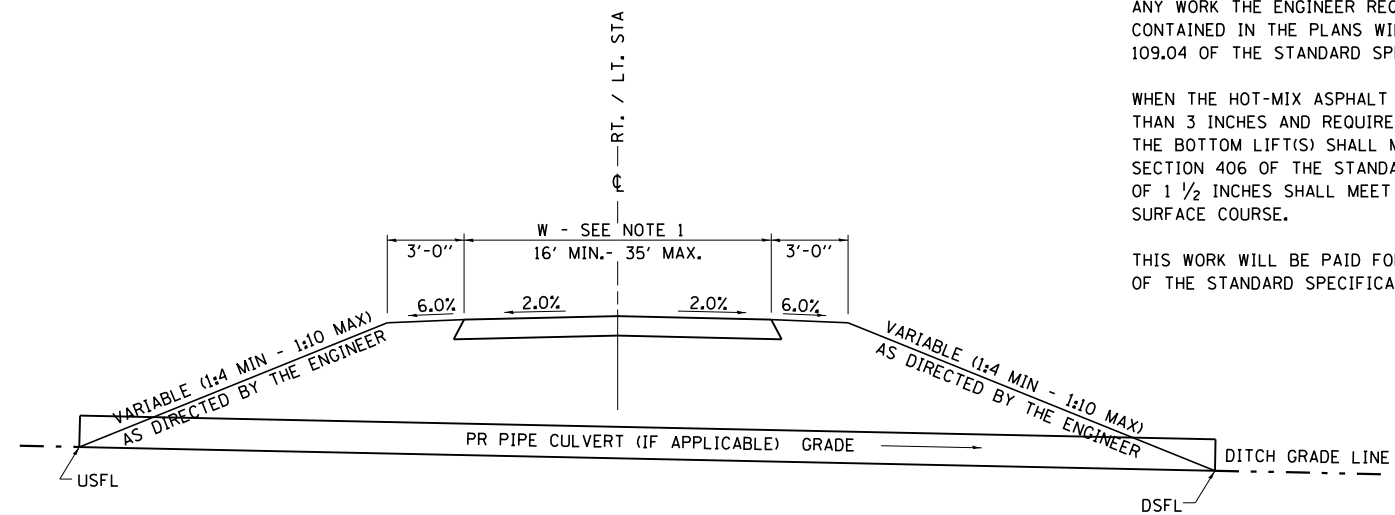
THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

WHEN THE HOT-MIX ASPHALT PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRES PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 1 1/2 INCHES SHALL MEET THE REQUIREMENTS OF HOT-MIX ASPHALT SURFACE COURSE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.



SECTION E - E ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

MODEL: 1400220-05-SD
 FILE NAME: 538.DWG
 FILE NUMBER: 538

CEC Cummins
 Engineering
 Corporation
 Civil and Structural Engineering

JOB = 2689
 FILE NAME = \$FILES\$
 PLOT SCALE = \$SCALES\$
 PLOT DATE = \$DATES\$

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 12/15/2021

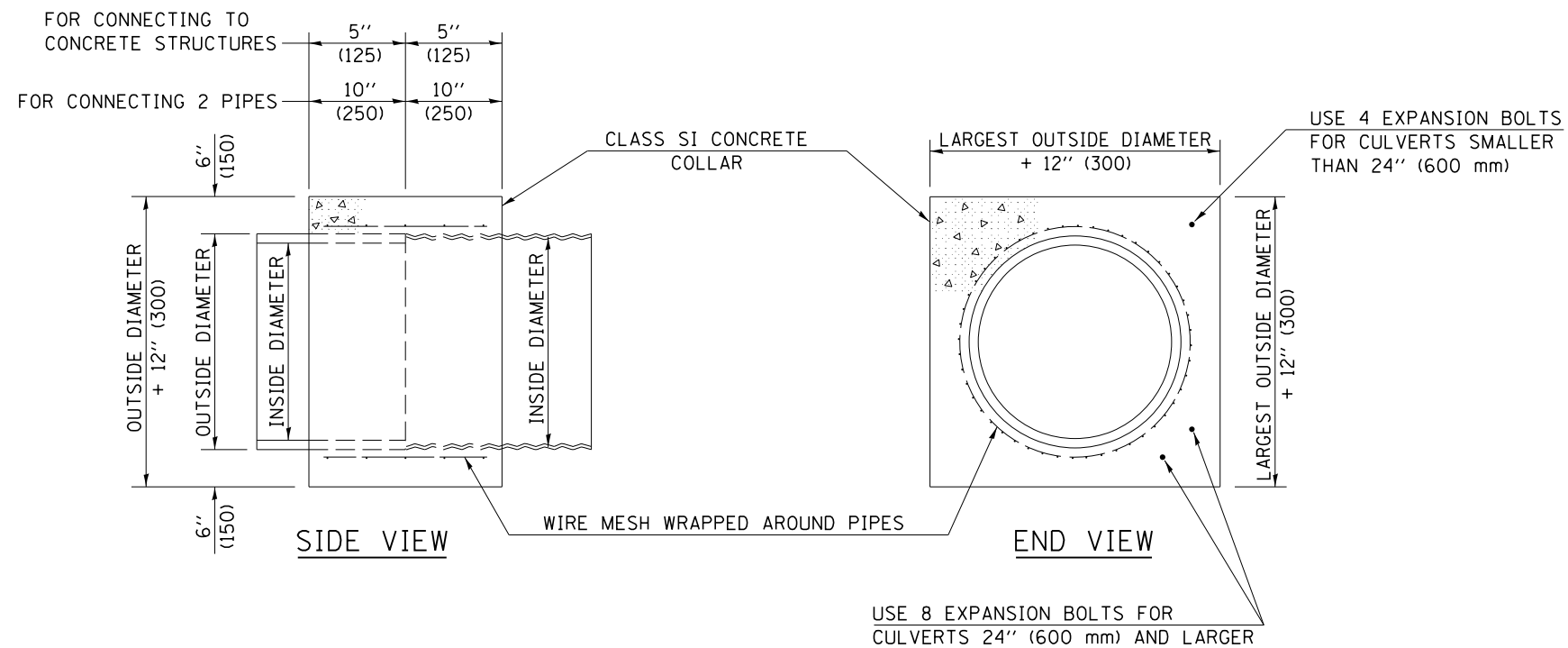
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**PIATT COUNTY
 CH 5 IMPROVEMENTS**

ENTRANCE DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	31
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		



GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m²). WIRE MESH WILL NOT BE PAID FOR SEPARATELY SHALL BE INCLUDED IN THE COST FOR CONCRETE COLLARS.
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (0.35)
30" (750)	0.57 (0.43)
36" (900)	0.69 (0.53)
42" (1050)	0.83 (0.63)
48" (1200)	0.97 (0.74)
54" (1350)	1.12 (0.86)
60" (1500)	1.28 (0.98)

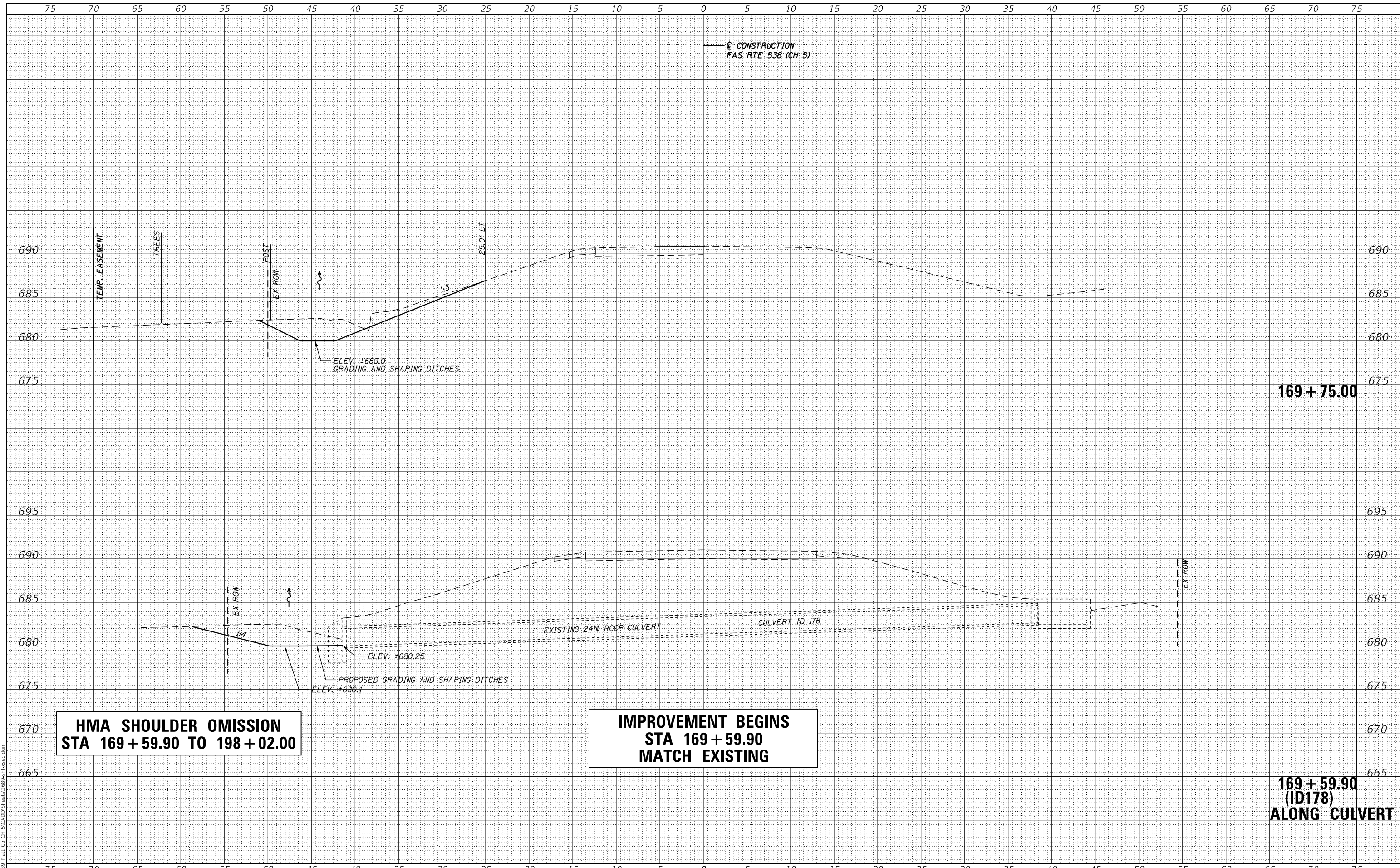
QUANTITIES FOR METAL PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.12 (0.09)
6" (150)	0.14 (0.11)
8" (200)	0.16 (0.12)
10" (250)	0.19 (0.14)
12" (300)	0.21 (0.16)
15" (375)	0.25 (0.19)
18" (450)	0.29 (0.22)
24" (600)	0.38 (0.29)
30" (750)	0.47 (0.36)
36" (900)	0.59 (0.45)
42" (1050)	0.69 (0.53)
48" (1200)	0.81 (0.62)
54" (1350)	0.93 (0.71)
60" (1500)	1.05 (0.81)

MODEL: 1400BELNAMES
FILE NAME: 31115

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

MODEL: Default
FILE NAME: I:\2689 - PIATT Co. CH 5\CADD\Sheets\2689-sht-xsec.dgn



**HMA SHOULDER OMISSION
STA 169+59.90 TO 198+02.00**

**IMPROVEMENT BEGINS
STA 169+59.90
MATCH EXISTING**

**169+59.90
(ID178)
ALONG CULVERT**



JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 169+59.88 TO STA. 169+75.00

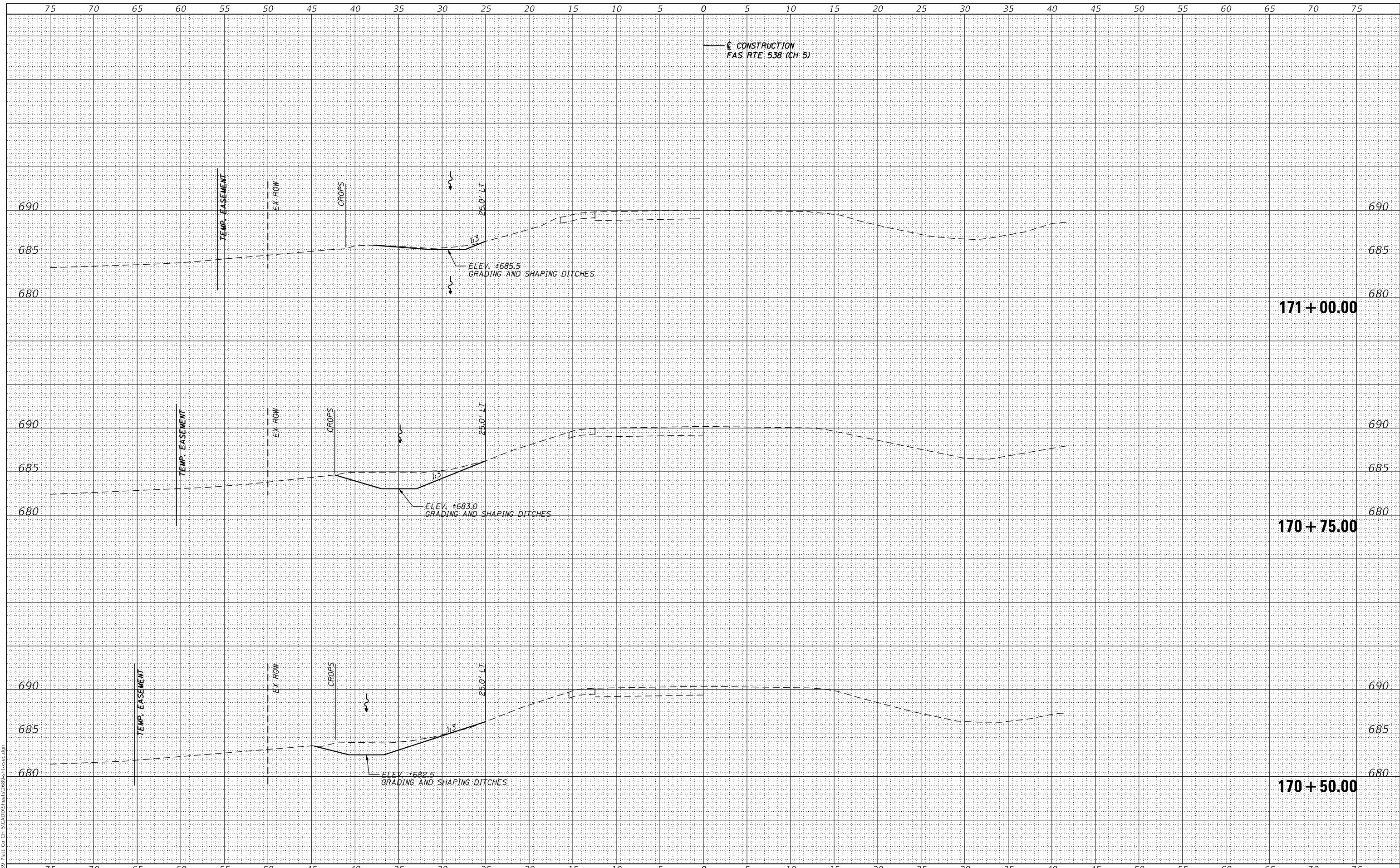
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	33
CONTRACT NO. 91611				

ILLINOIS FED. AID PROJECT

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NOTE BOOK	
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MODEL: Default
FILE NAME: I:\2689 - PIAT Co CH 5\CADD\Sheets\2689-sht-xsec.dgn



171 + 00.00

170 + 75.00

170 + 50.00



JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

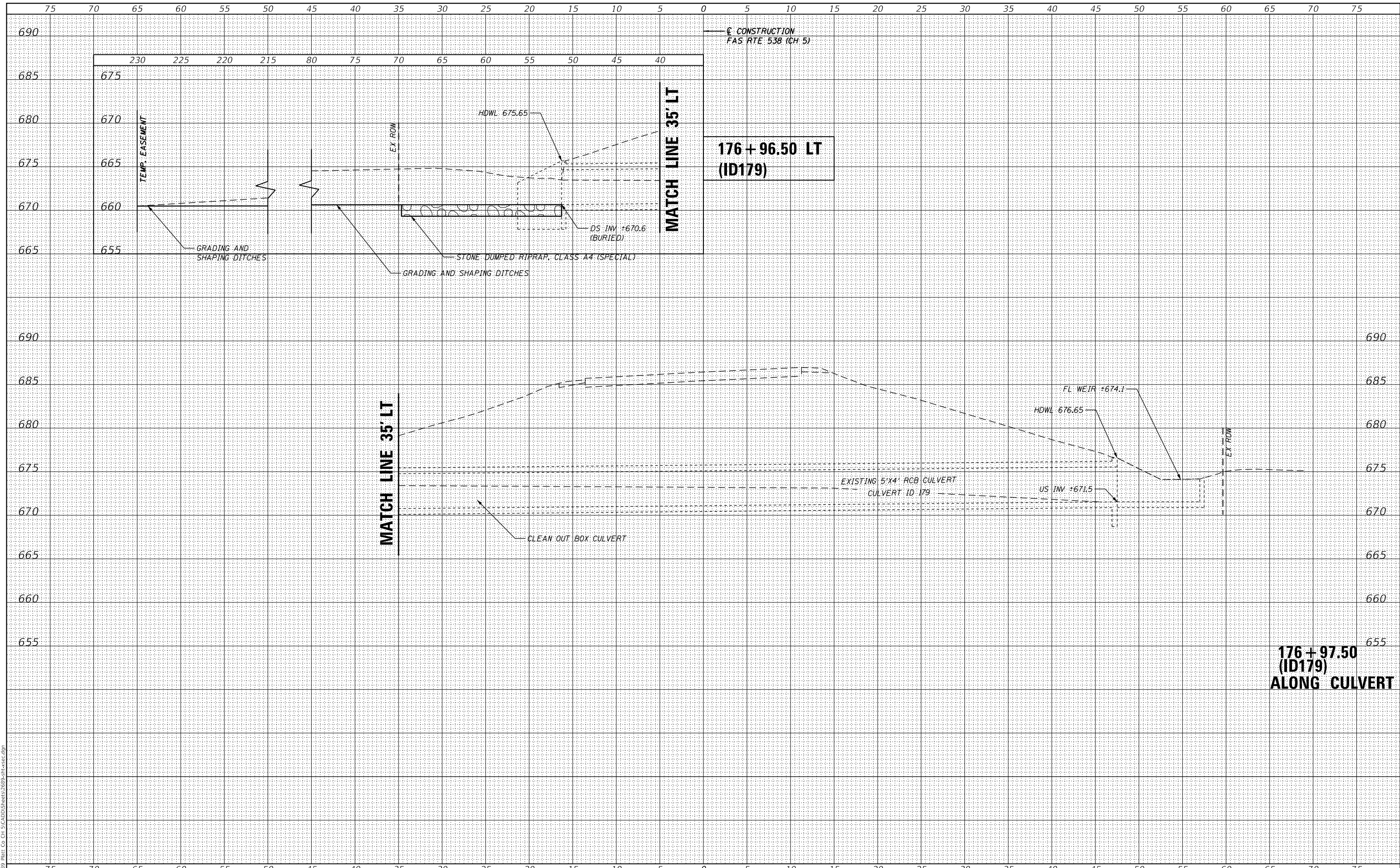
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	35
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

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DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

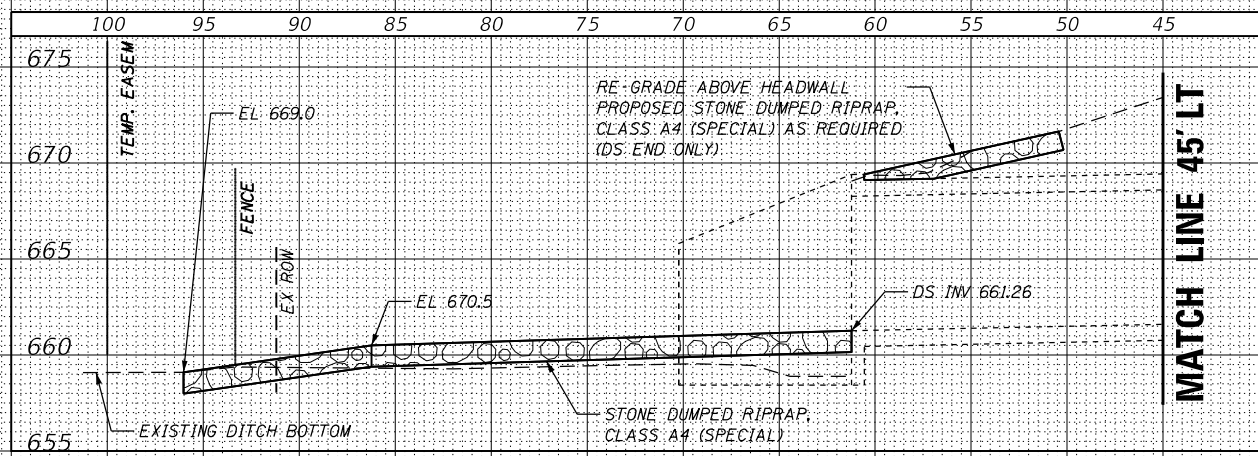
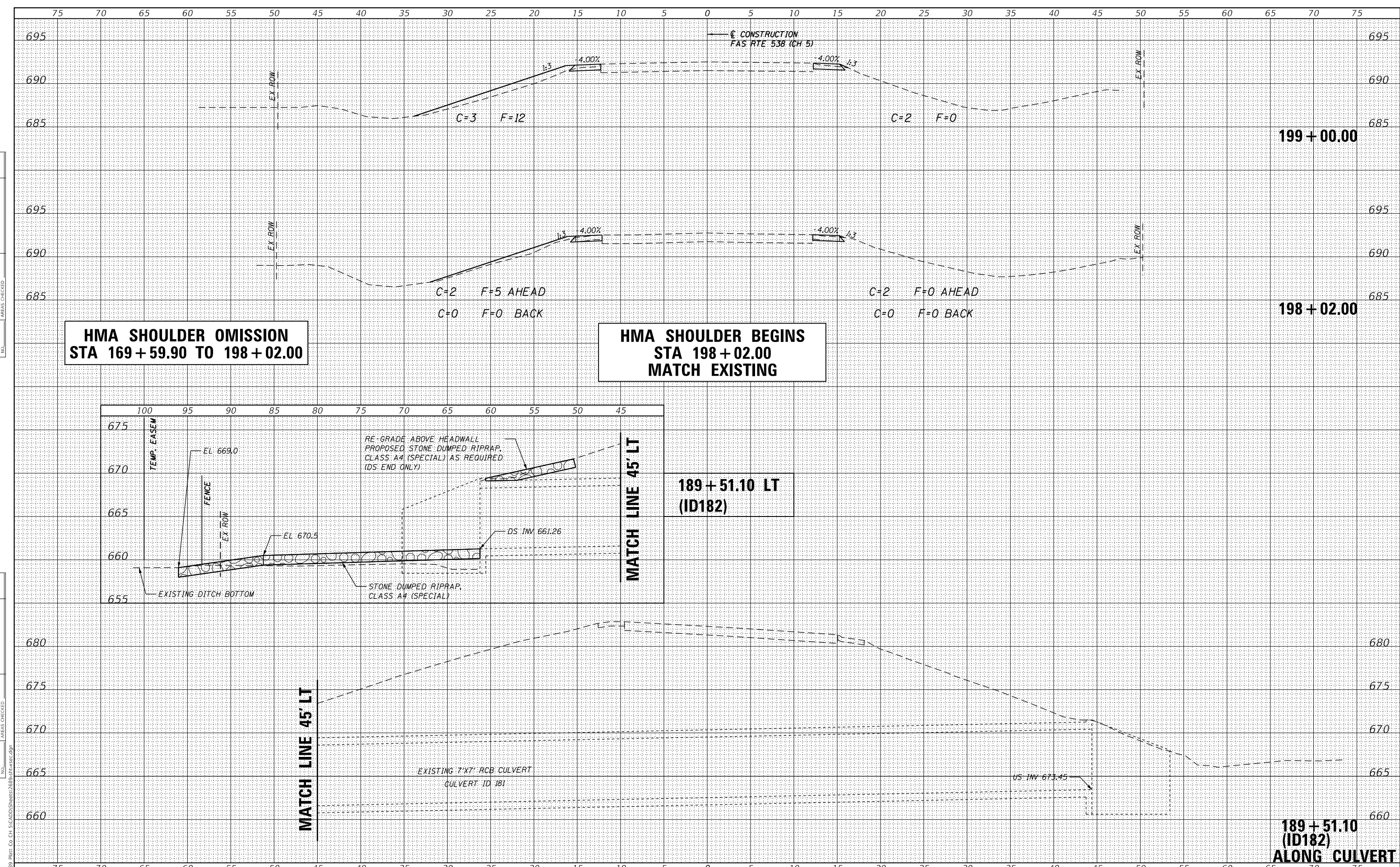
CROSS SECTIONS

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	36
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

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**189+51.10 LT
(ID182)**

MATCH LINE 45' LT

EXISTING 7'X7' RCB CULVERT
CULVERT ID 181

US INV 673.45

**189+51.10
(ID182)
ALONG CULVERT**



JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
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DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

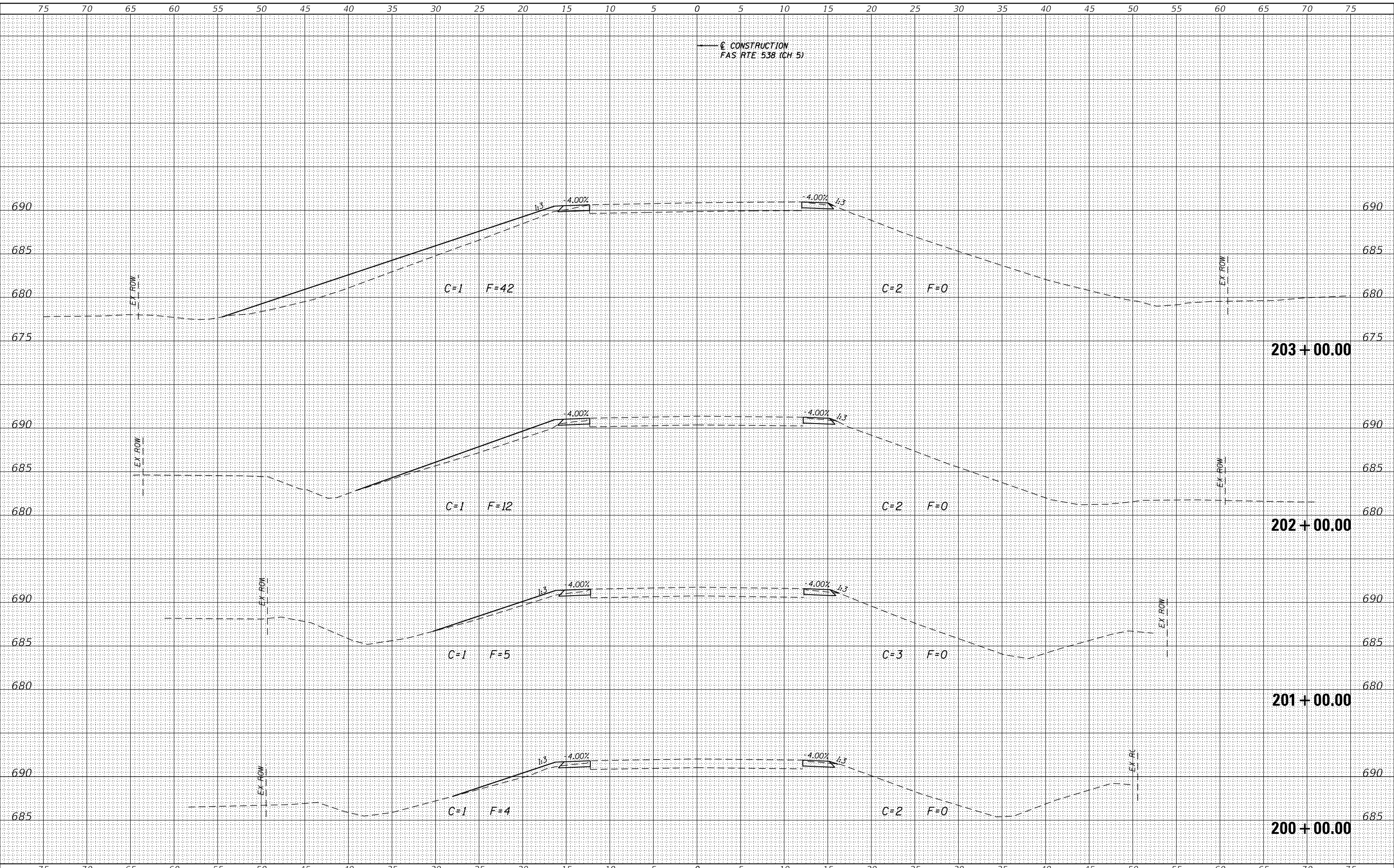
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	37
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

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CEC Cummins Engineering Corporation
Civil and Structural Engineering

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

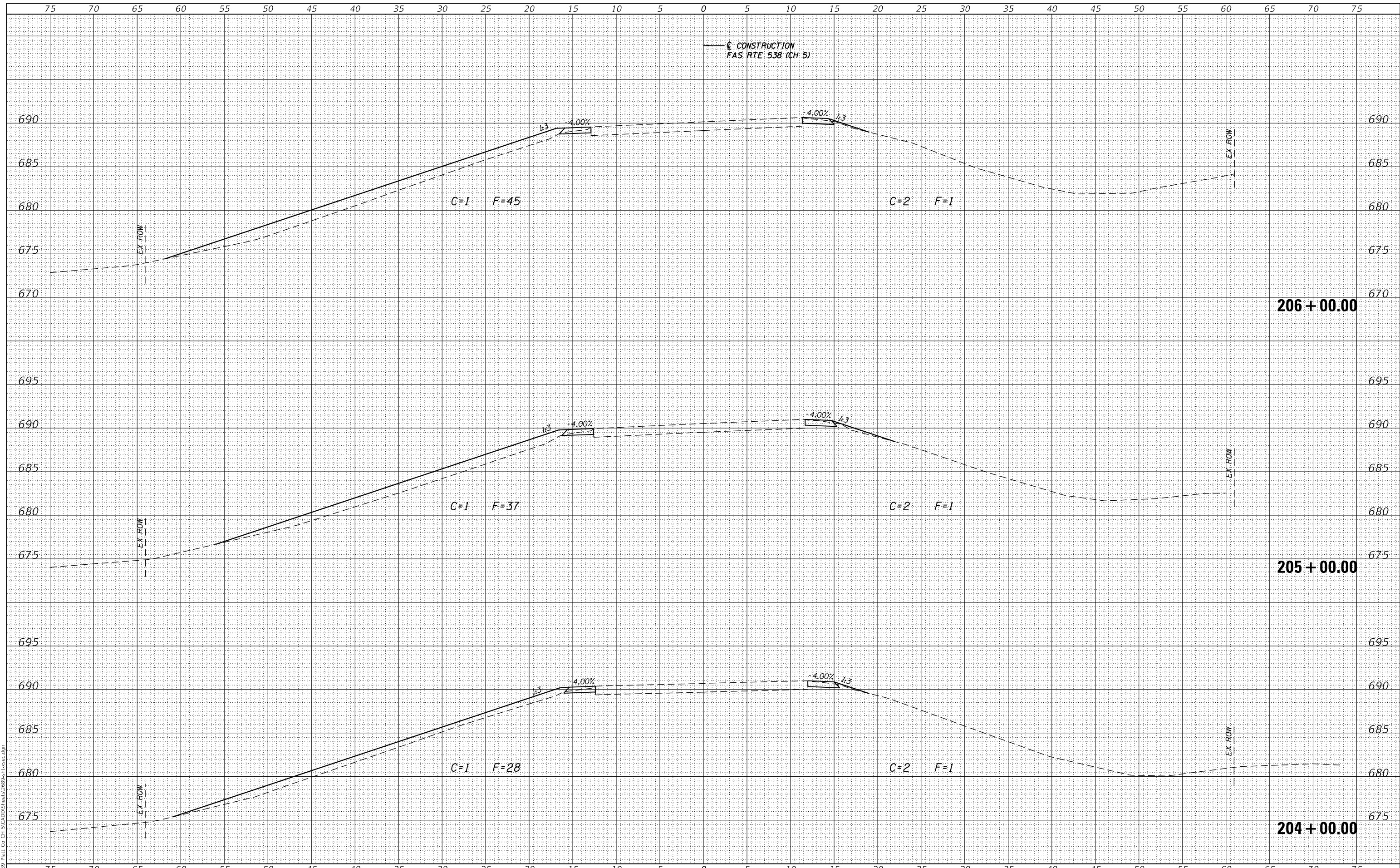
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	38
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		

DATE	
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PLOT DATE = 1/25/2022

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

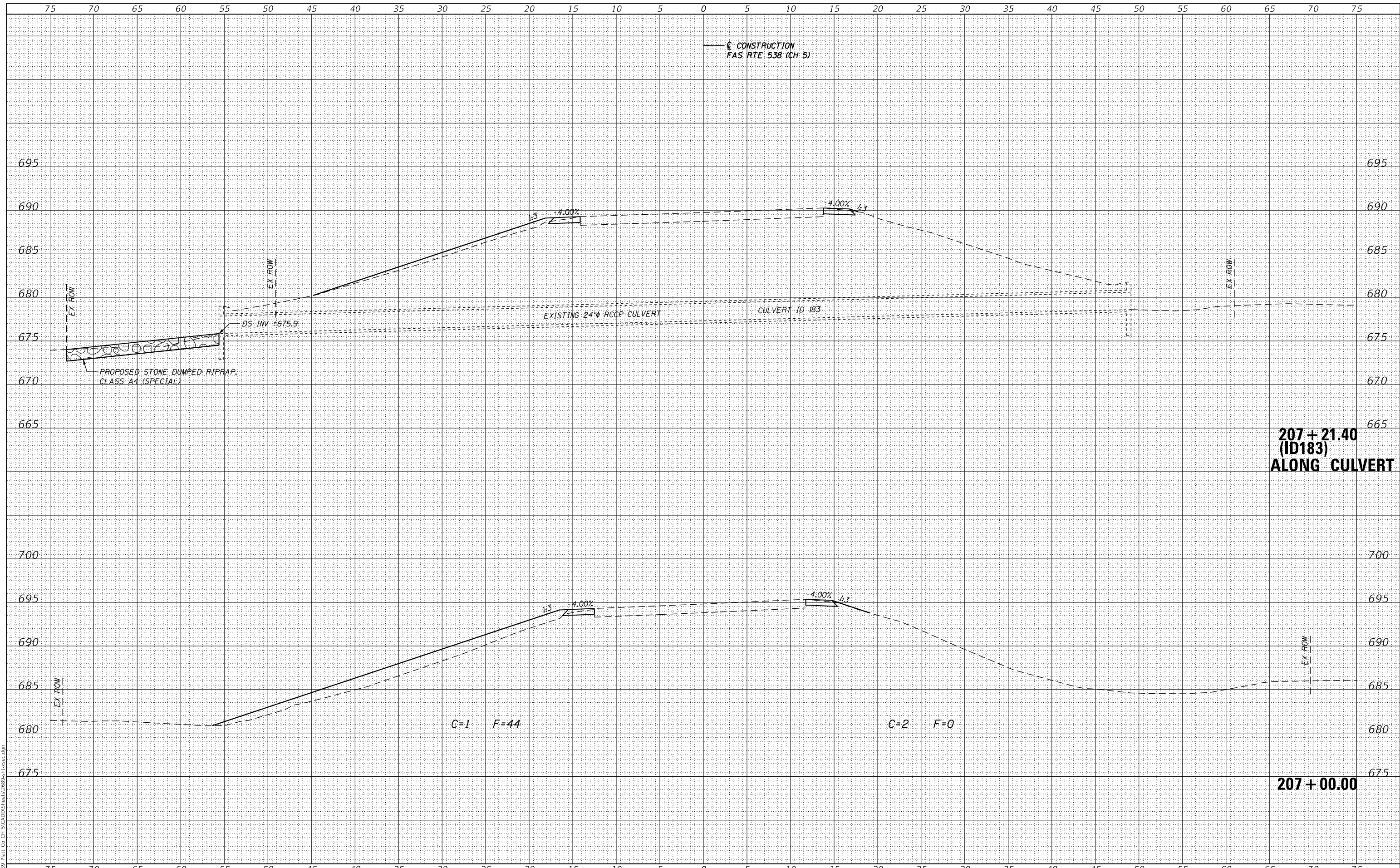
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	39
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		

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NOTE BOOK	
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JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
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CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

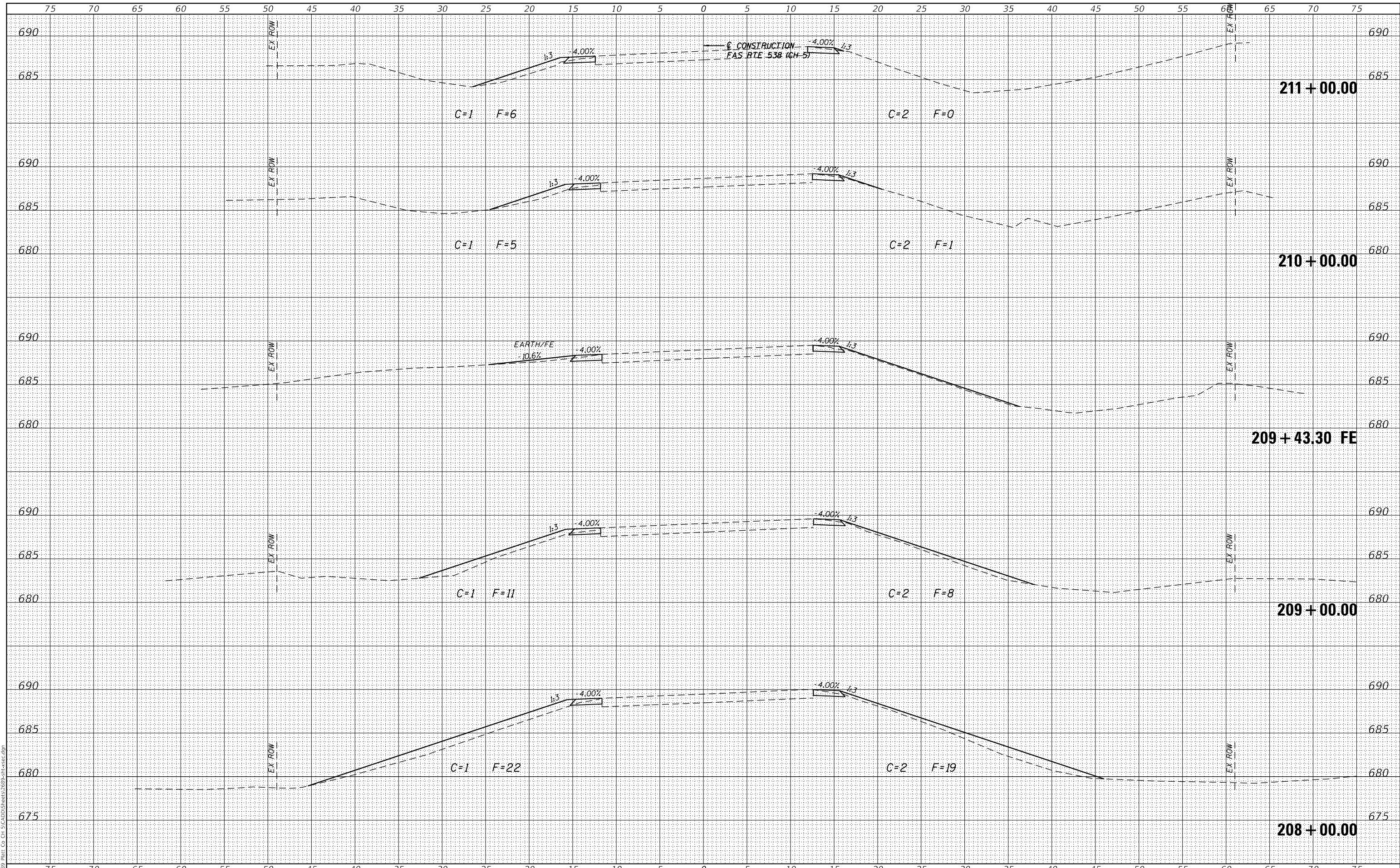
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	40
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

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JOB# = 2689
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DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

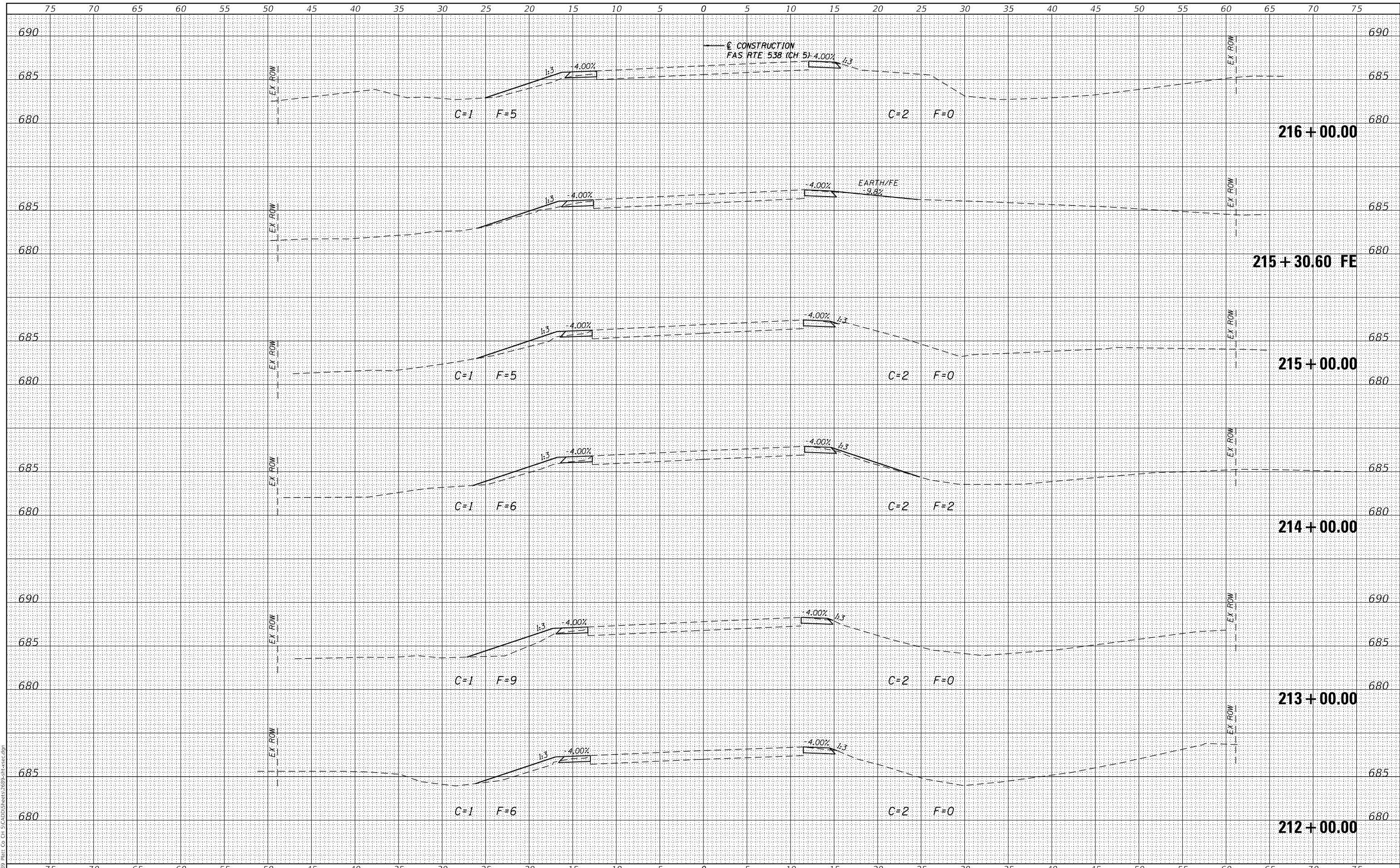
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538	21-00220-05-5D	PIATT	74	41
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

DATE	
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NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
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MODEL: Default
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JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10,0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

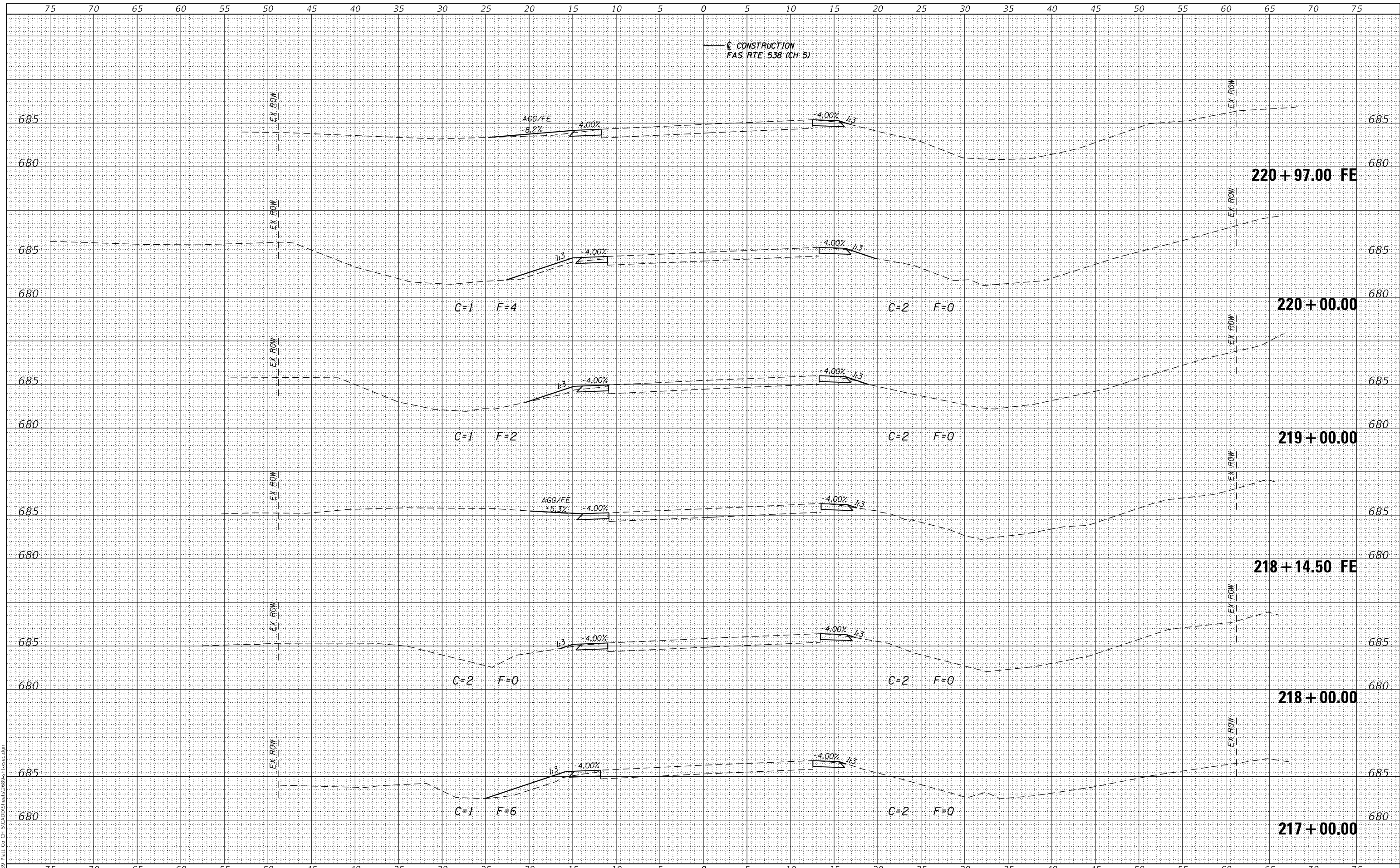
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	42
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

DATE	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

REVISED -
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 217+00.00 TO STA. 220+97.00

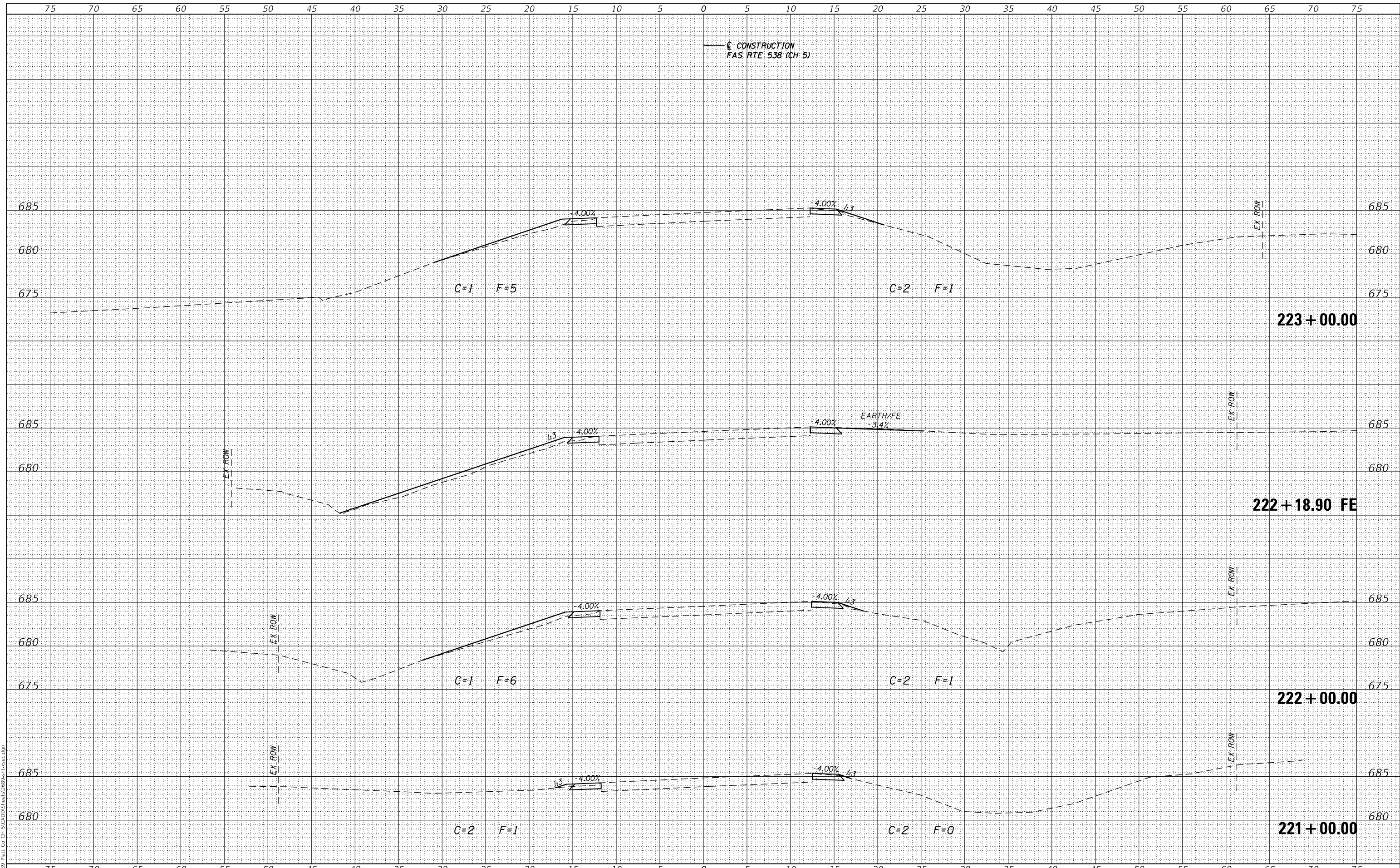
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	43
CONTRACT NO. 91611				

ILLINOIS FED. AID PROJECT

DATE	
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NOTE BOOK	PLOTTED
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

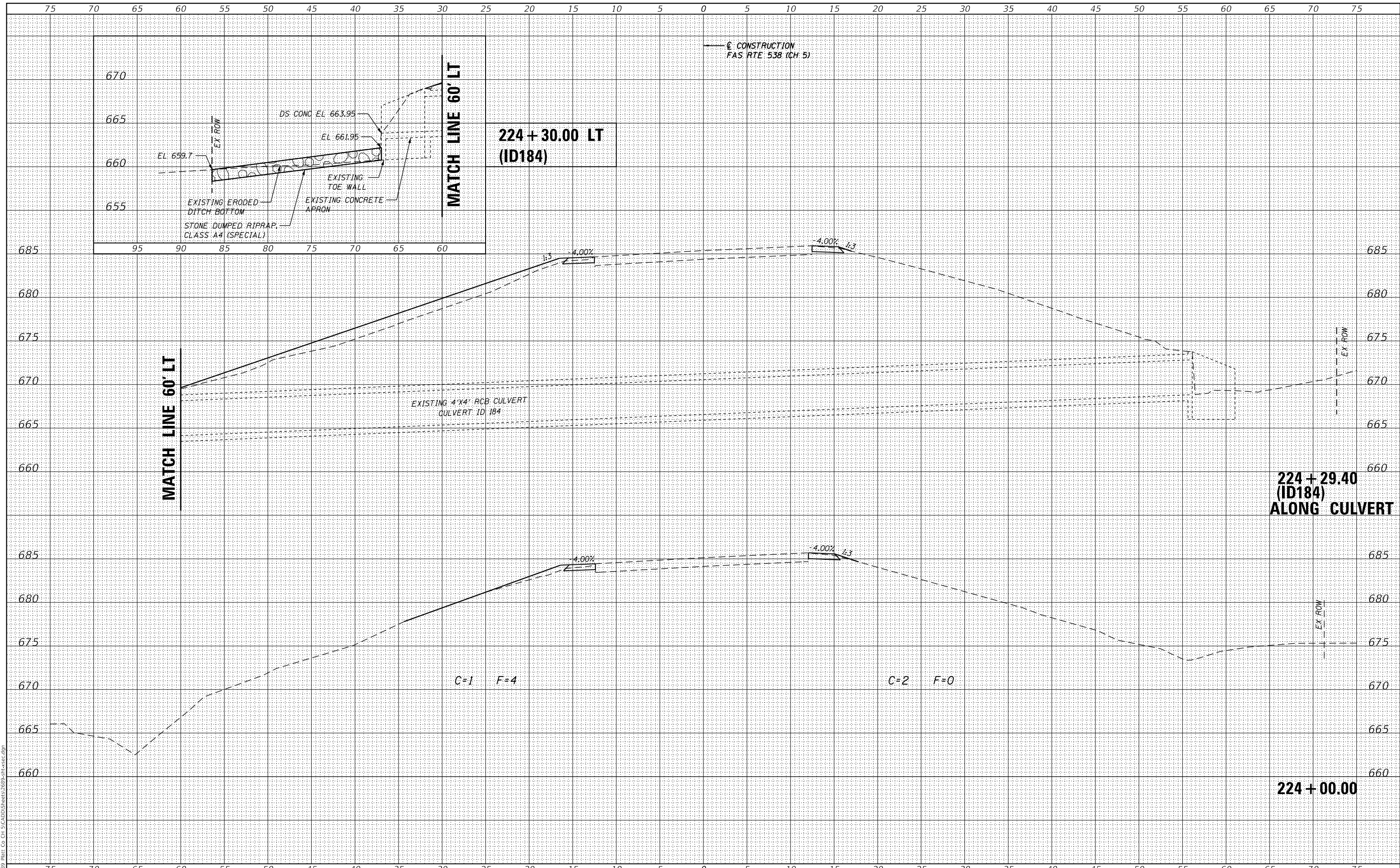
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	44
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
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MODEL: Default
FILE NAME: I:\2020\PIATT Co CH 5\CADD\Sheets\2689-sht-xsec.dgn



CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

REVISED -
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

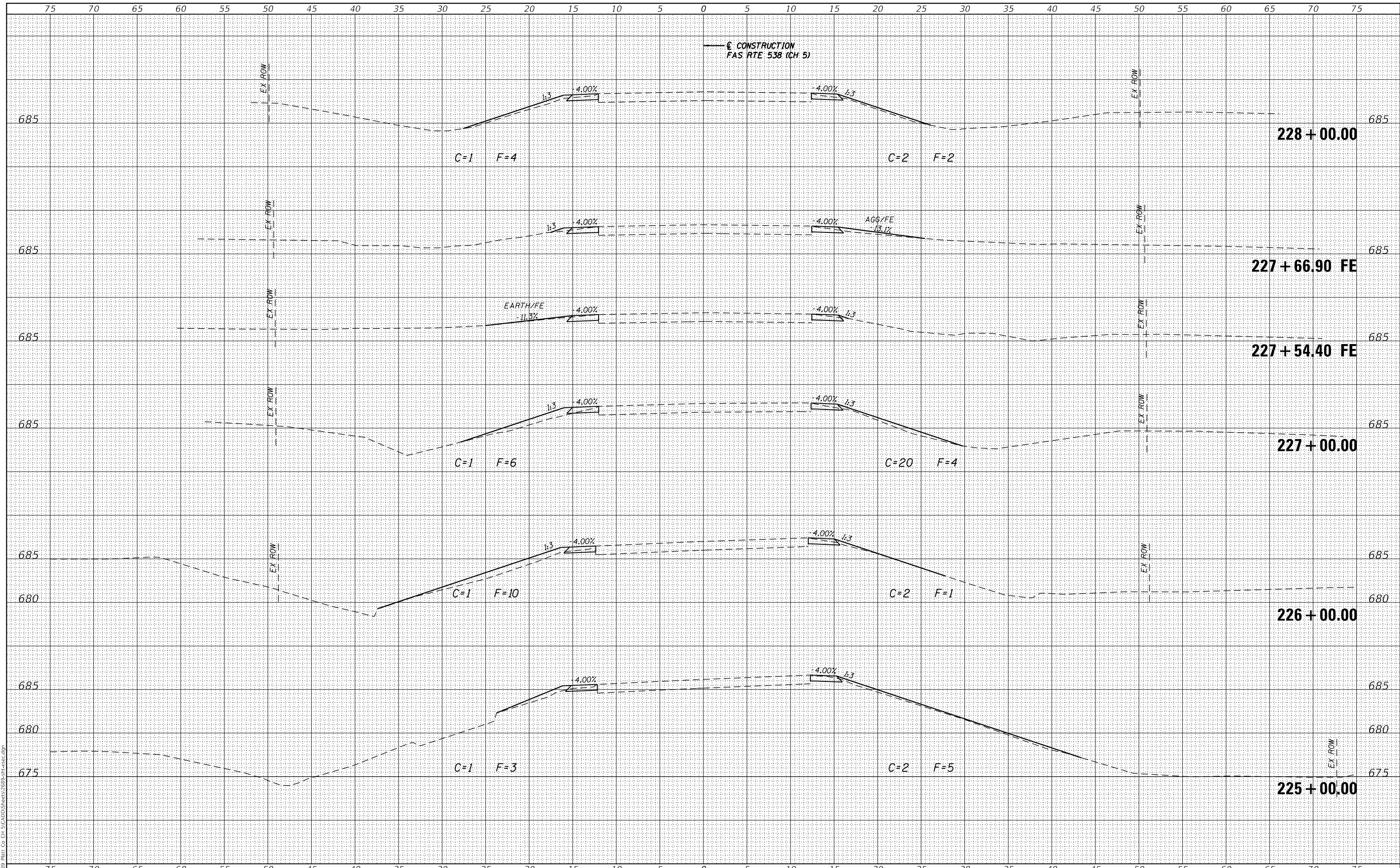
SCALE: SHEET OF SHEETS STA. 224+00.00 TO STA. 224+29.37

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	45
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Default
FILE NAME: I:\2689 - PIAT Co. CH 5\CADD\Sheets\2689-sht-xsec.dgn



JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

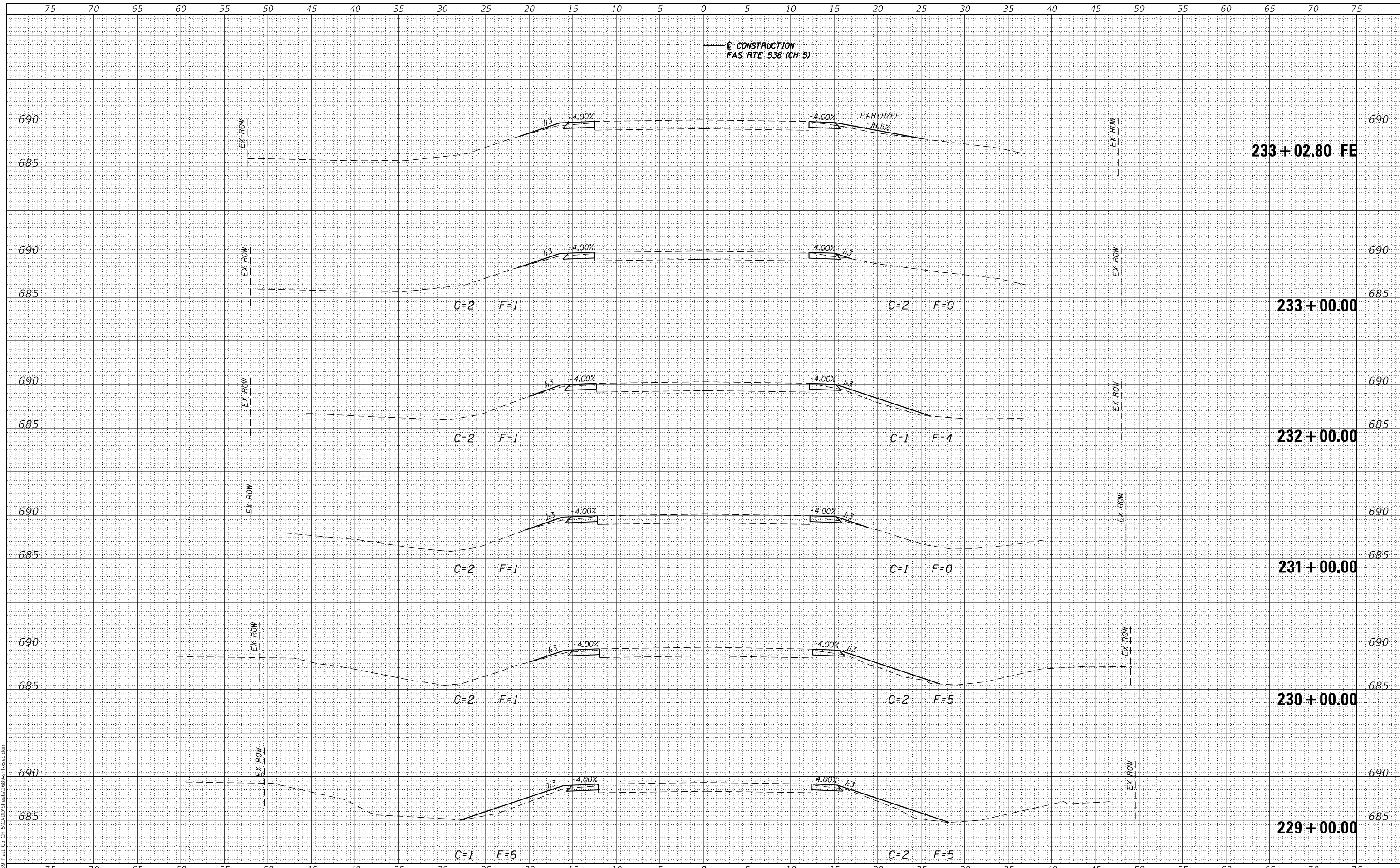
SCALE: SHEET OF SHEETS STA. 225+00.00 TO STA. 228+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	46
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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MODEL: Default
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Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10,0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

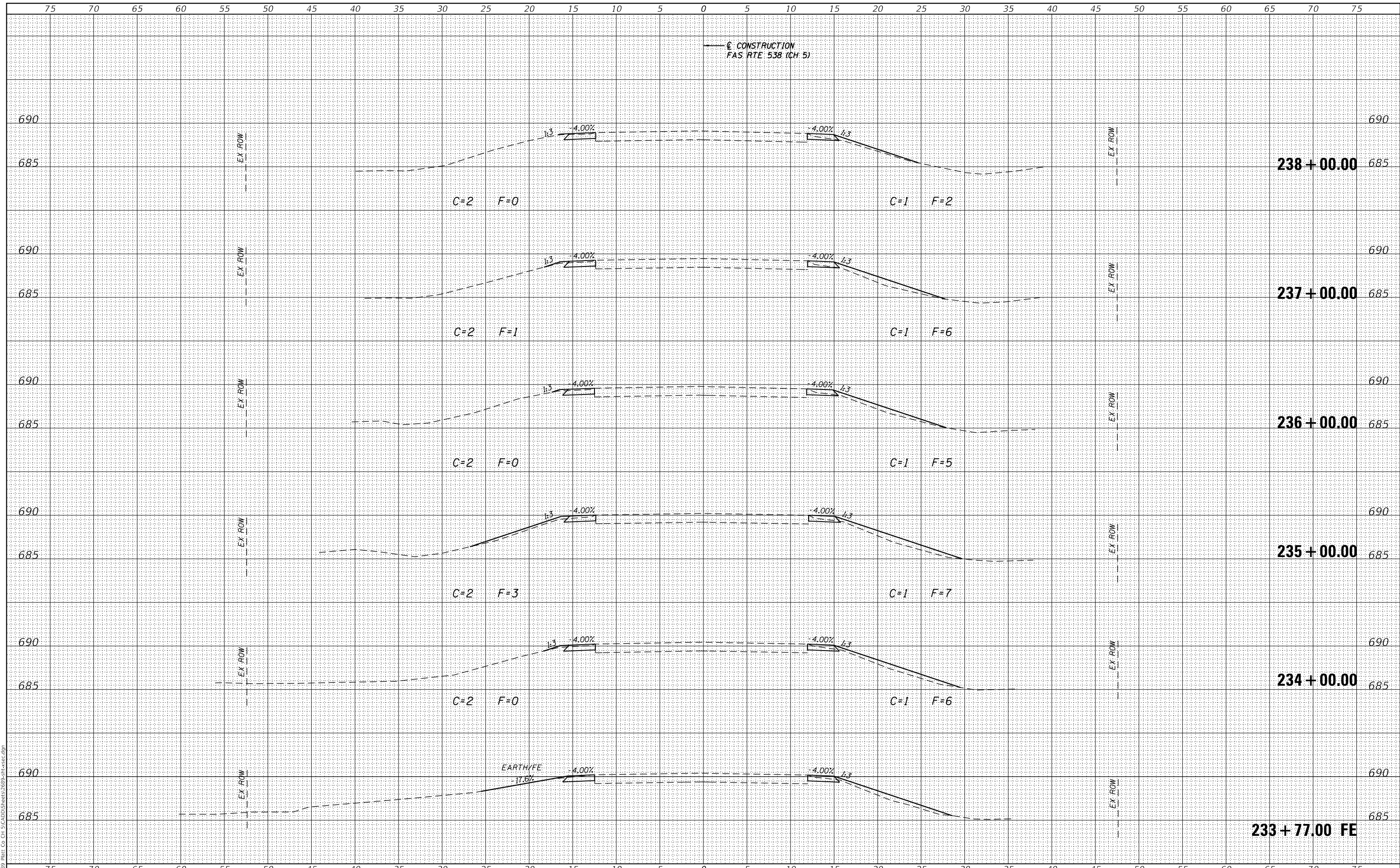
SCALE: SHEET OF SHEETS STA. 229+00.00 TO STA. 233+02.80

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	47
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

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

MODEL: Default
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JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 233+77.00 TO STA. 238+00.00

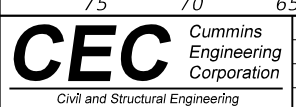
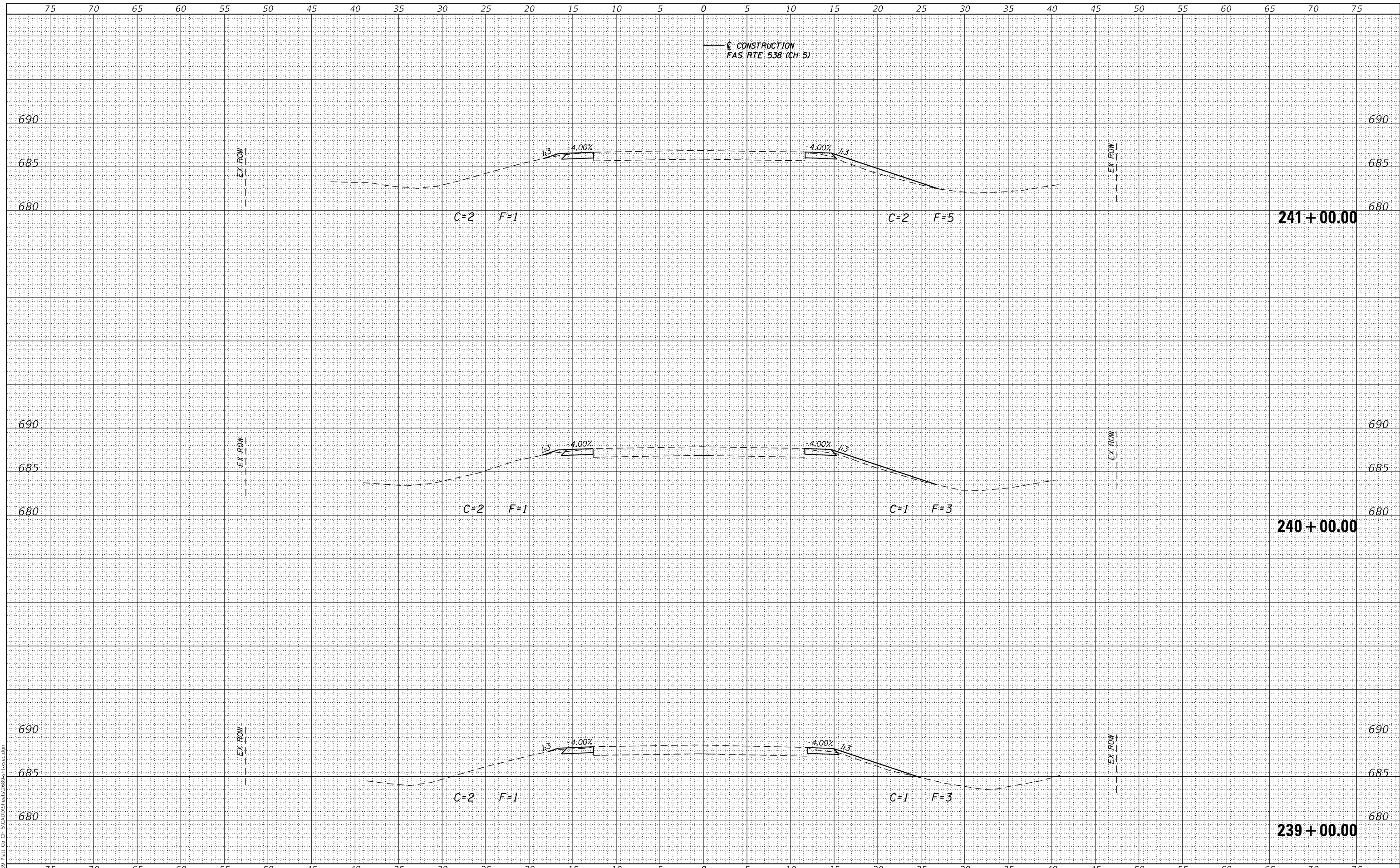
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	48
CONTRACT NO. 91611				

ILLINOIS FED. AID PROJECT

DATE	
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FINAL SURVEY	
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ORIGINAL SURVEY	
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MODEL: Default
FILE NAME: I:\2689 - PIATT Co. CH 5\CADD\Sheets\2689-sht-xsec.dgn



JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
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DATE - 12/17/2021

REVISED -
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 239+00.00 TO STA. 241+00.00

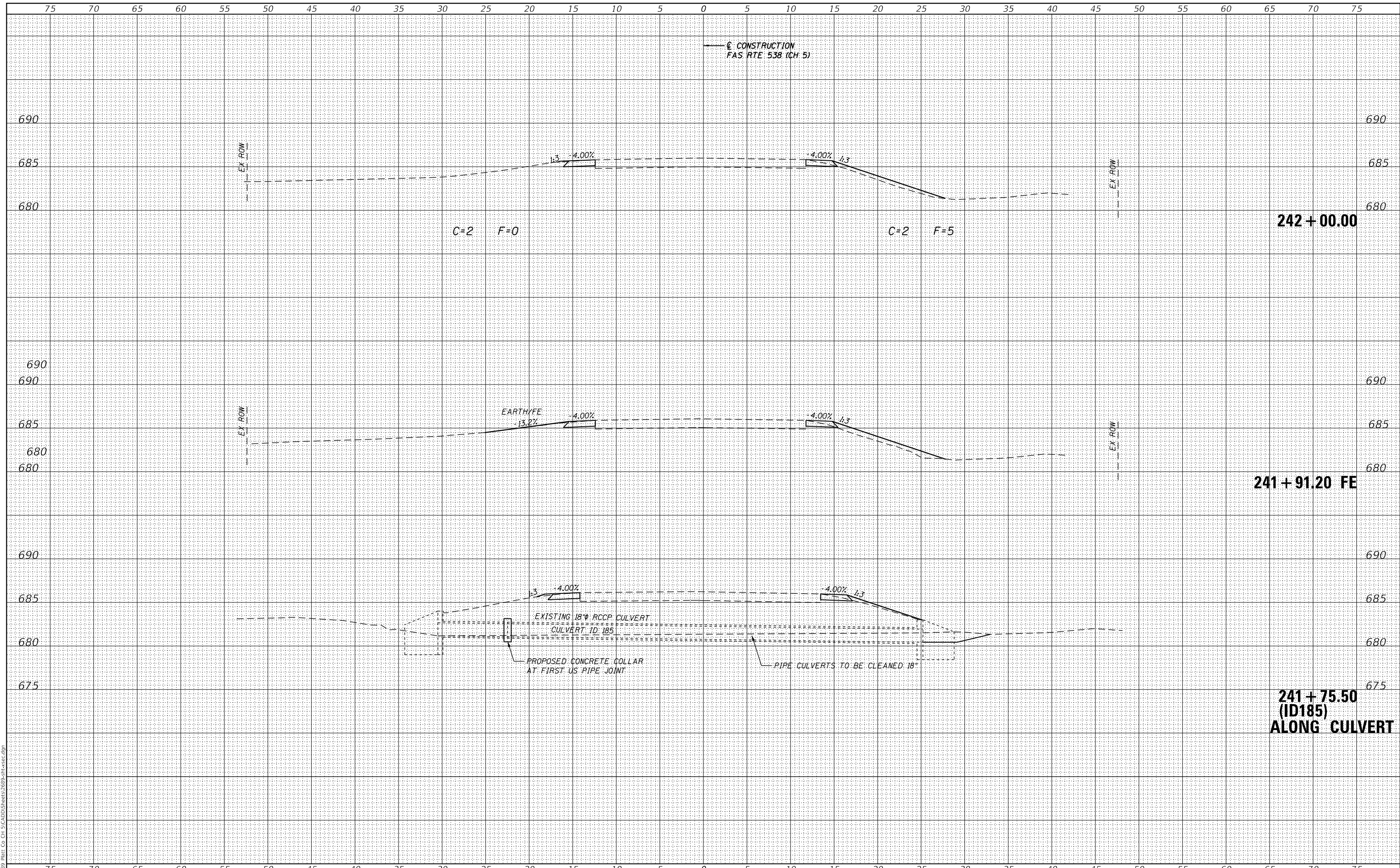
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	49
CONTRACT NO. 91611				

ILLINOIS FED. AID PROJECT

DATE	
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MODEL: Default
FILE NAME: I:\2689 - PIAT Co. CH 5\CADD\Sheets\2689-sht-xsec.dgn



JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

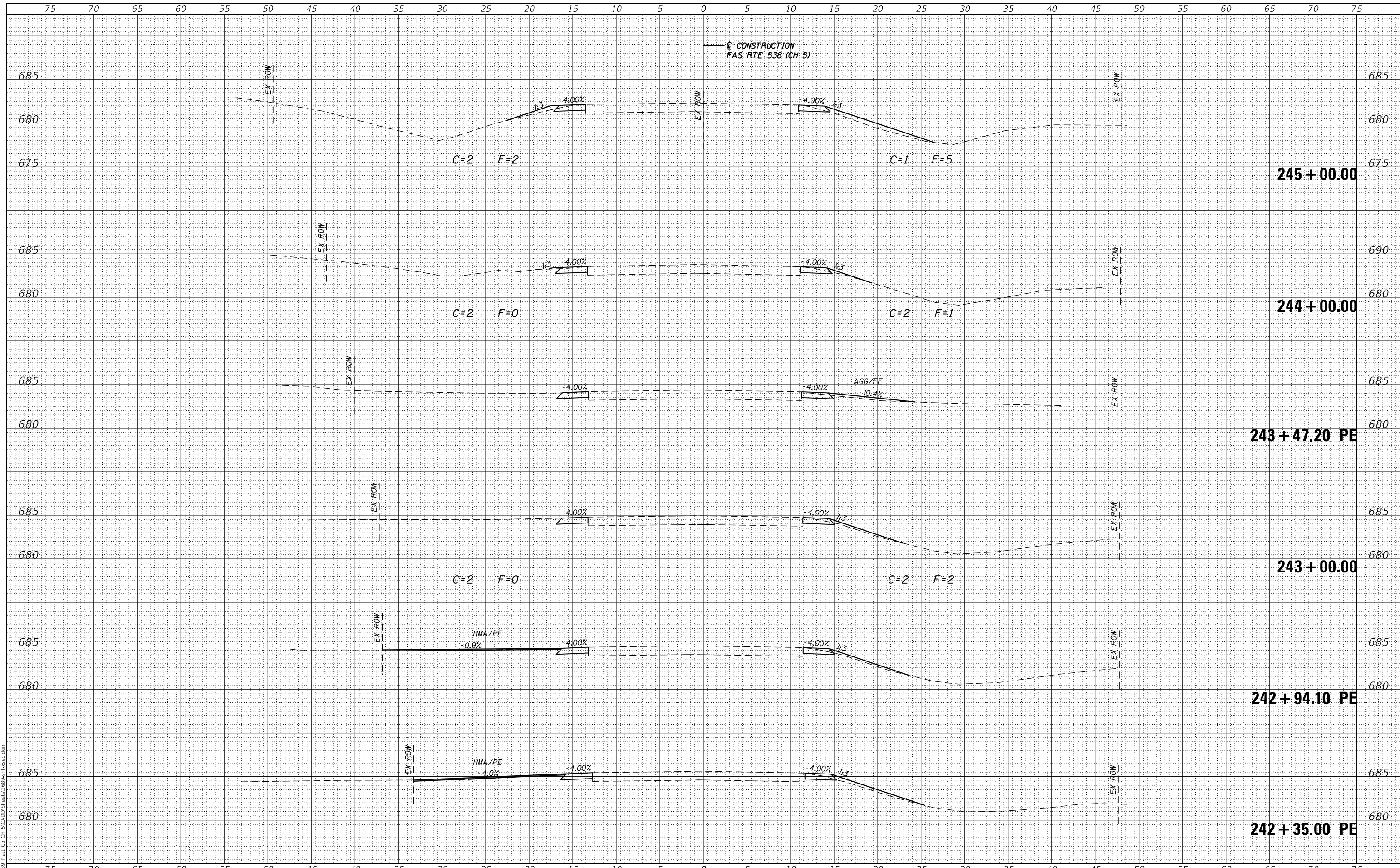
SCALE: SHEET OF SHEETS STA. 241+75.45 TO STA. 242+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	50
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

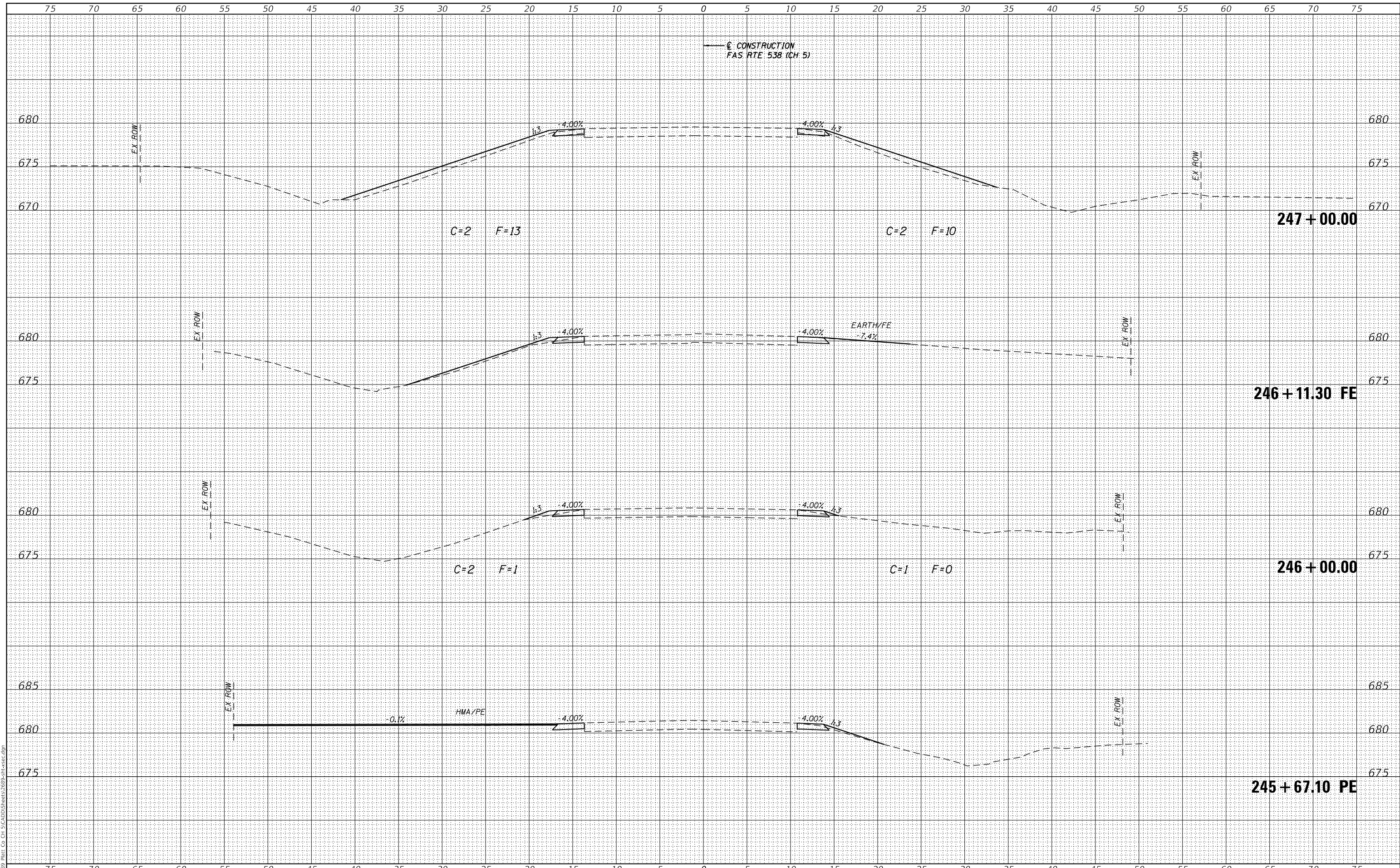
SCALE: SHEET OF SHEETS STA. 242+35.00 TO STA. 245+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	51
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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MODEL: Default
FILE NAME: I:\2689 - PIATT Co. CH 5\CADD\Sheets\2689-sht-xsec.dgn



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

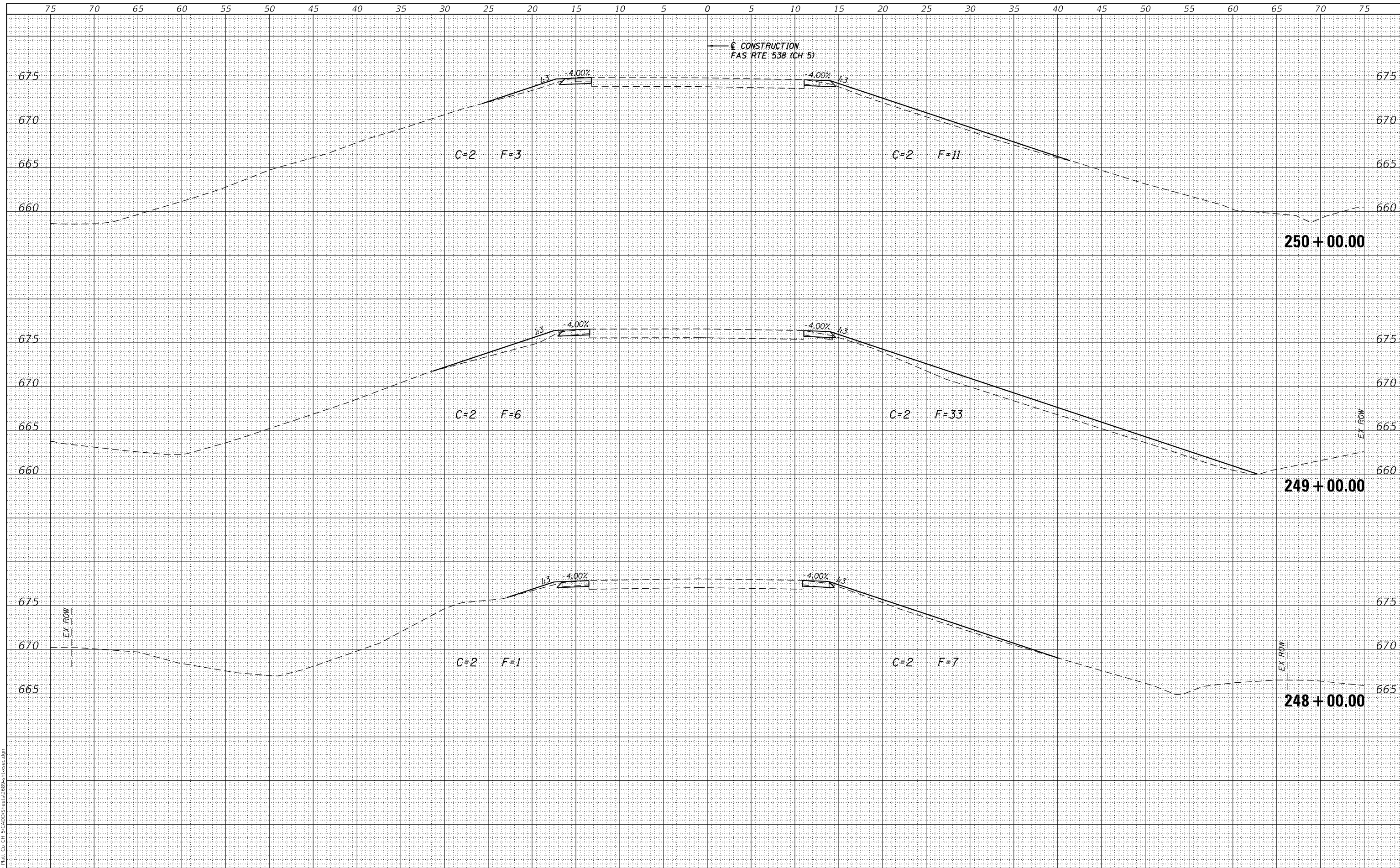
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 245+67.10 TO STA. 248+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	52
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

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



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB# = 2689	DESIGNED - CFG	REVISED -
FILE NAME = 2689-sht-xsec.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - TSH	REVISED -
PLOT DATE = 1/25/2022	DATE - 12/17/2021	REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

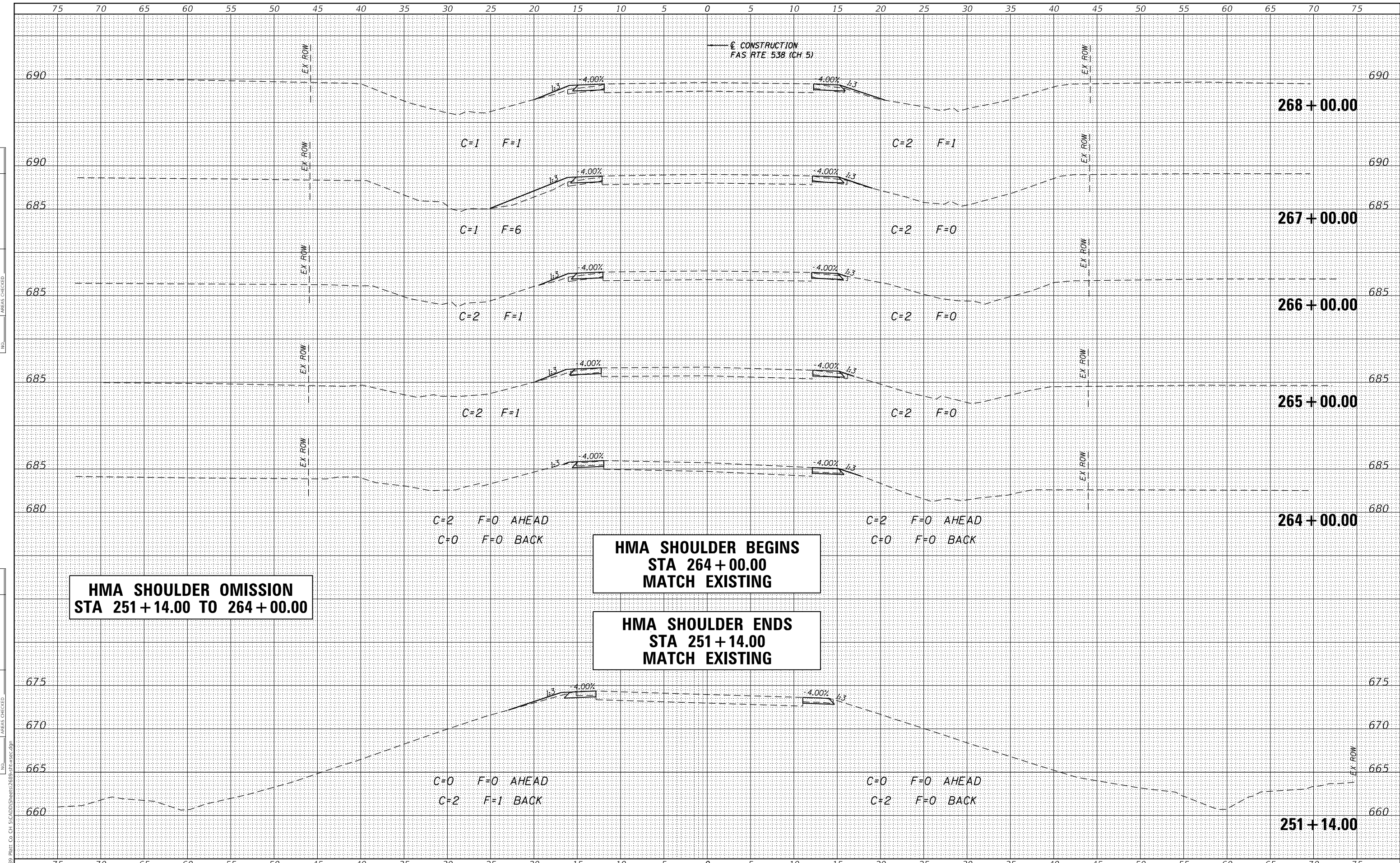
CROSS SECTIONS

SCALE:	SHEET	OF	SHEETS	STA. 249+00.00	TO STA. 250+00.00
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F.A.S. RTE. 538	SECTION 21-00220-05-SD	COUNTY PIATT	TOTAL SHEETS 74	SHEET NO. 53
CONTRACT NO. 91611			ILLINOIS FED. AID PROJECT	

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

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



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

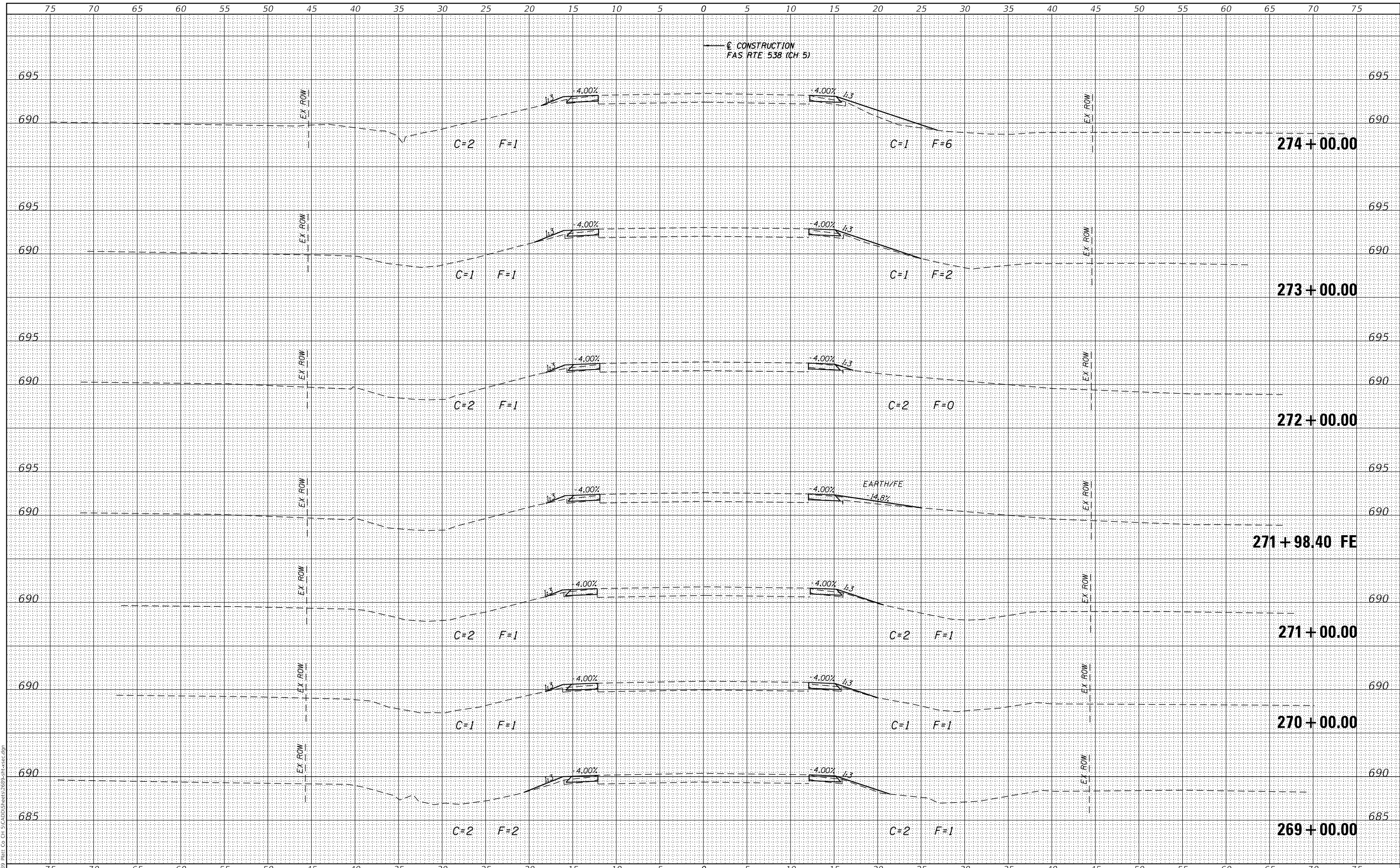
SCALE: SHEET OF SHEETS STA. 251+14.00 TO STA. 268+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	55
CONTRACT NO. 91611			ILLINOIS FED. AID PROJECT	

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
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DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

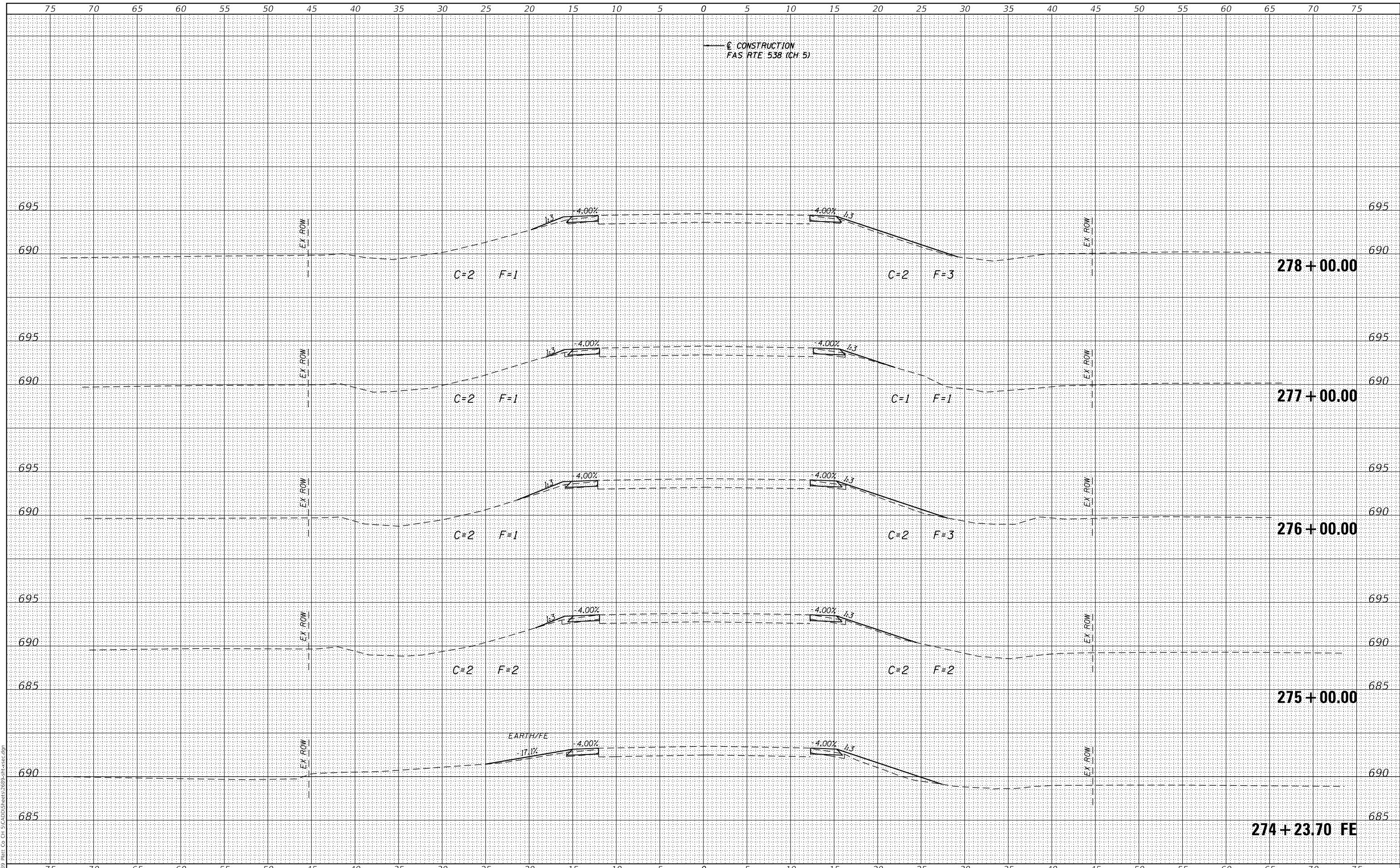
SCALE: SHEET OF SHEETS STA. 269+00.00 TO STA. 274+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	56
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10,0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

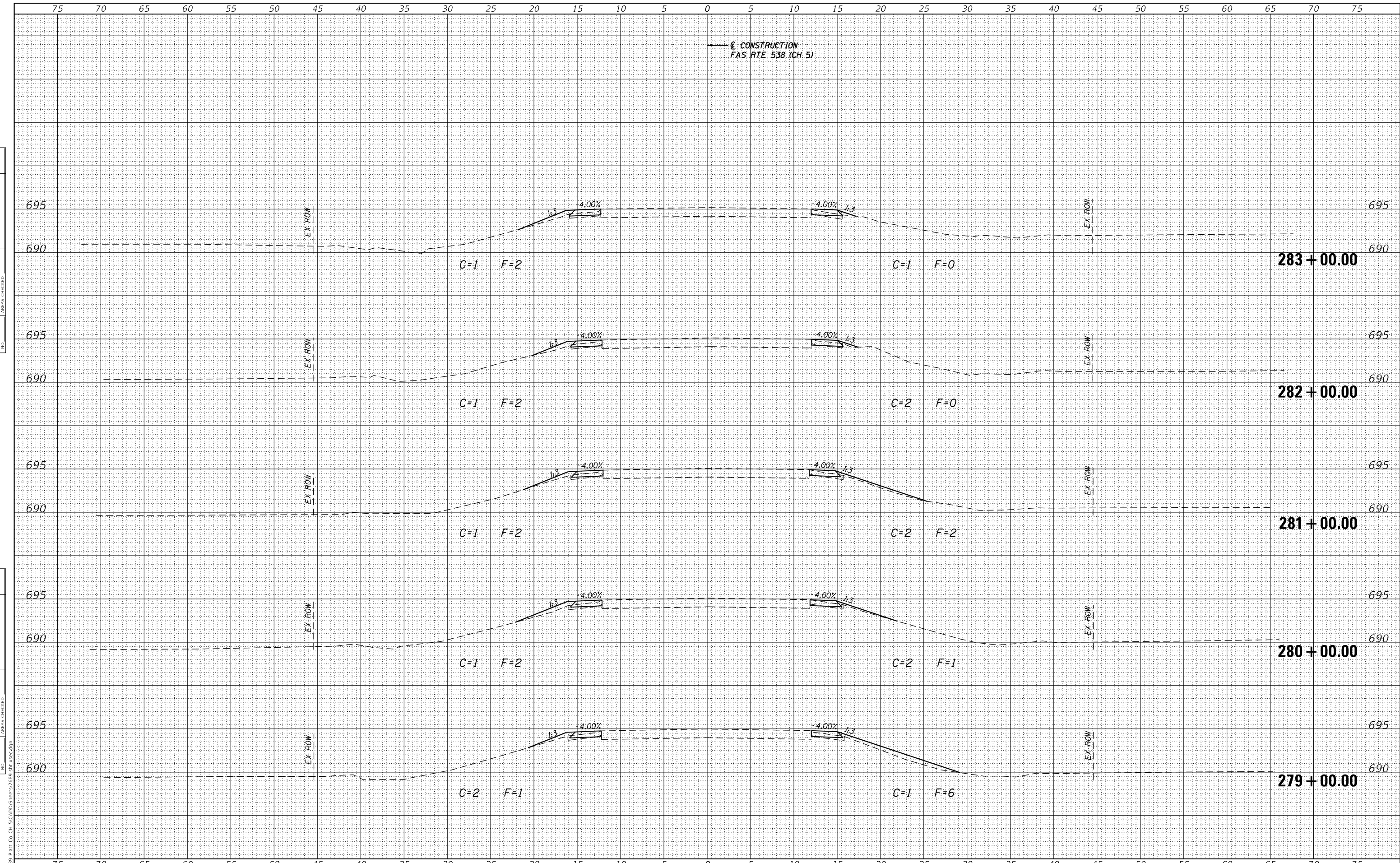
SCALE: SHEET OF SHEETS STA. 274+23.70 TO STA. 278+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	57
CONTRACT NO. 91611				

ILLINOIS FED. AID PROJECT

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
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CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

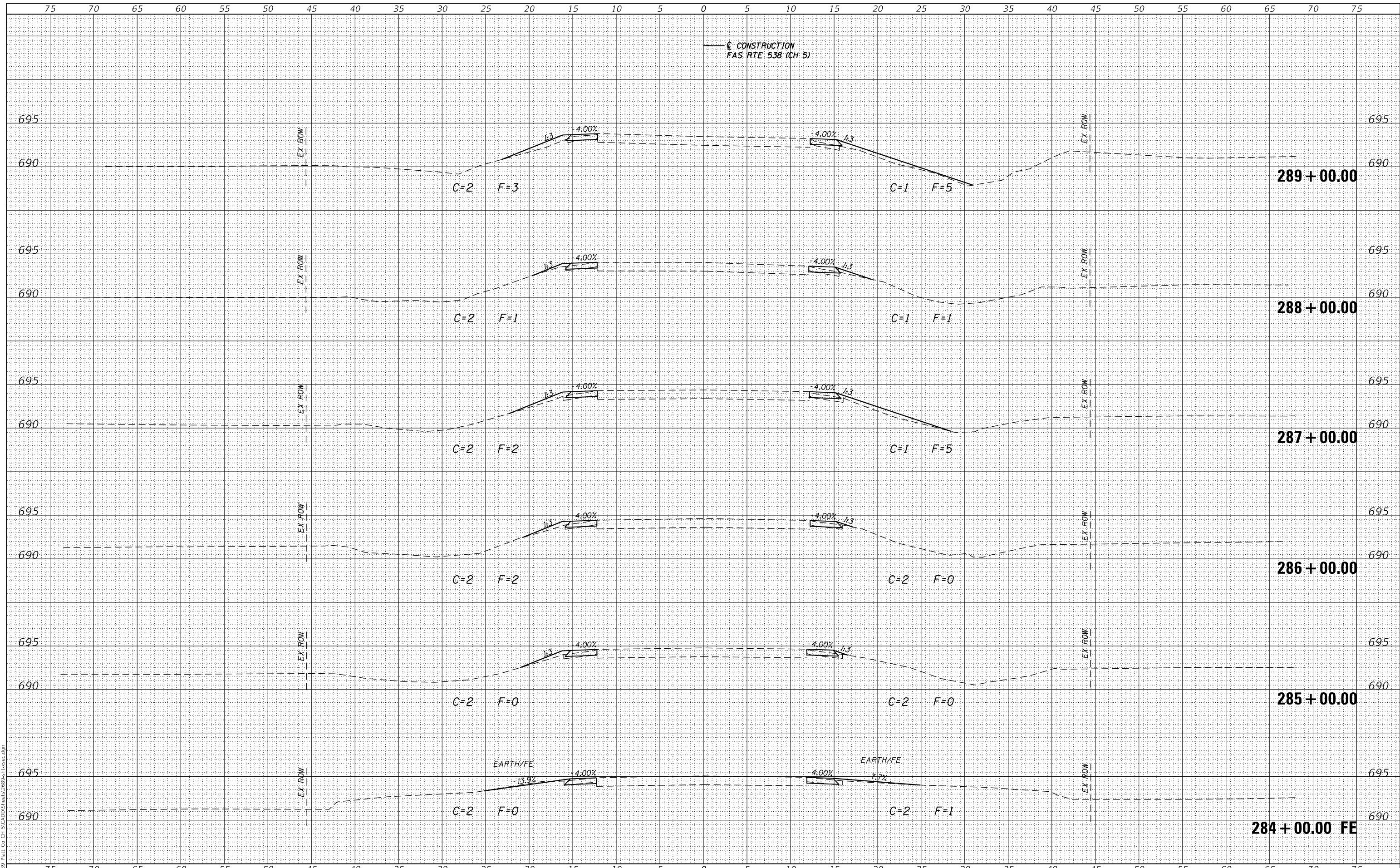
SCALE: SHEET OF SHEETS STA. 279+00.00 TO STA. 283+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	58
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

MODEL: Default
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CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
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REVISED -
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 284+00.00 TO STA. 289+00.00

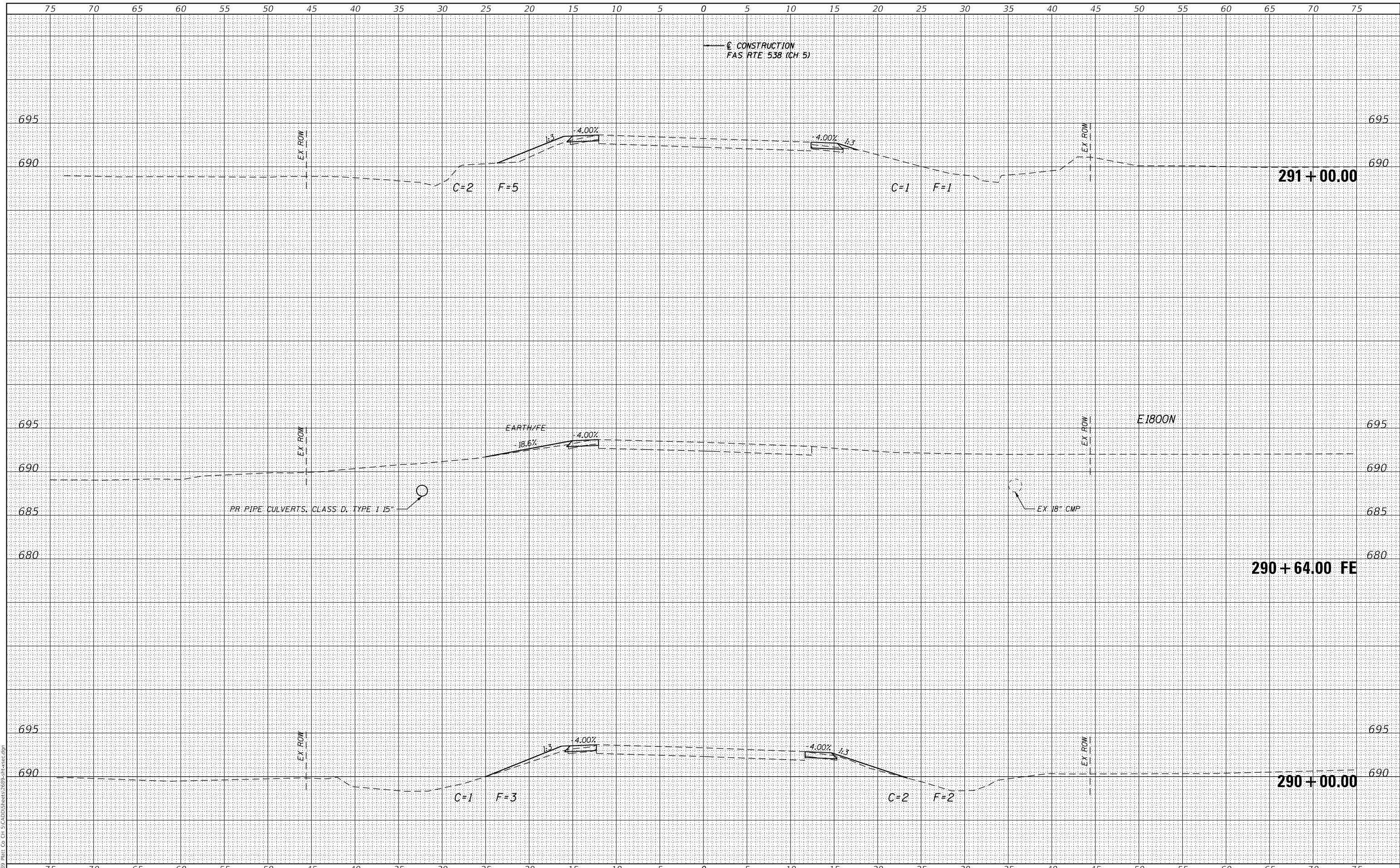
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	59
CONTRACT NO. 91611				

ILLINOIS FED. AID PROJECT

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JOB# = 2689
FILE NAME = 2689-sht-sec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

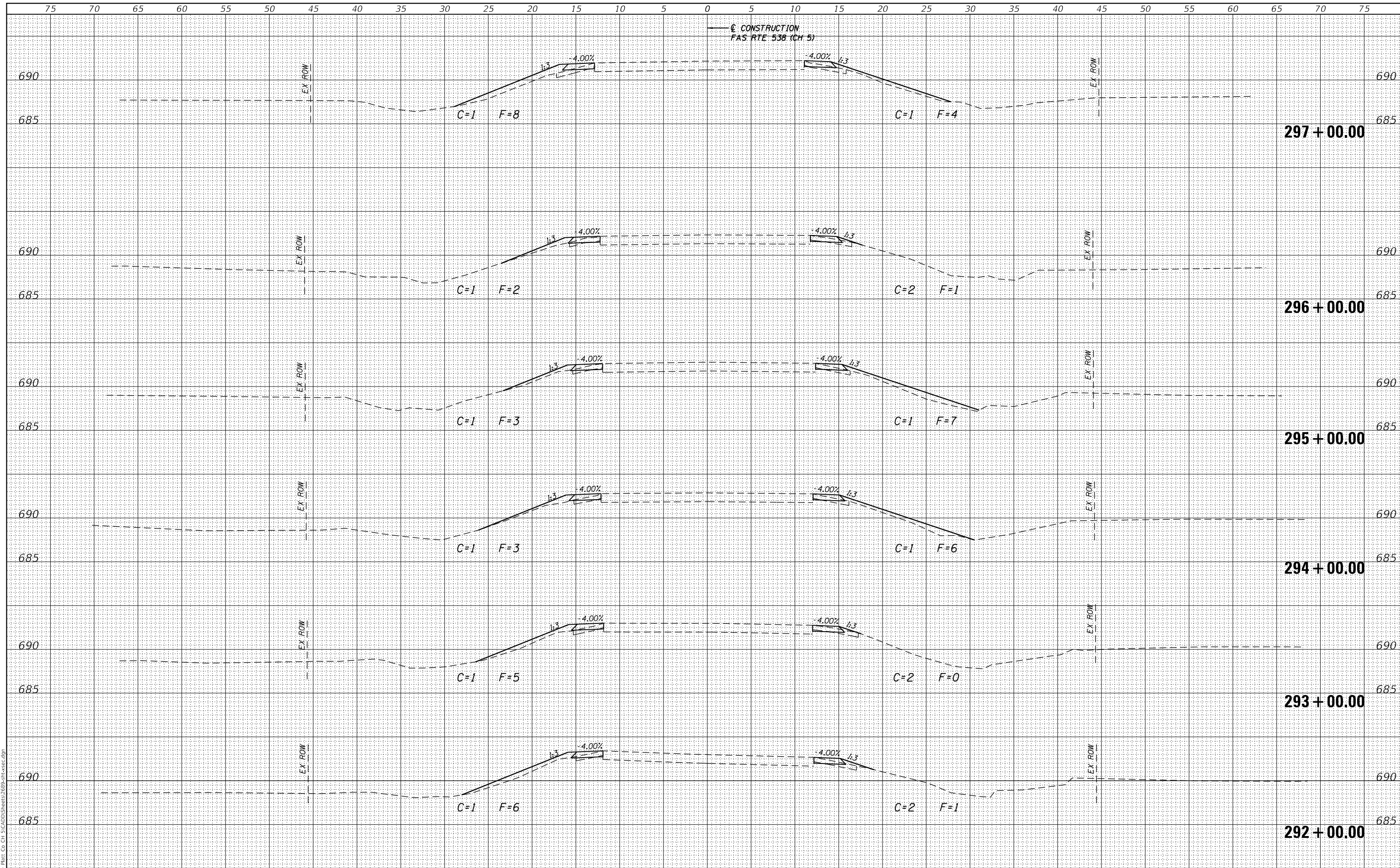
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 290+00.00 TO STA. 291+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	60
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10,0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
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DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

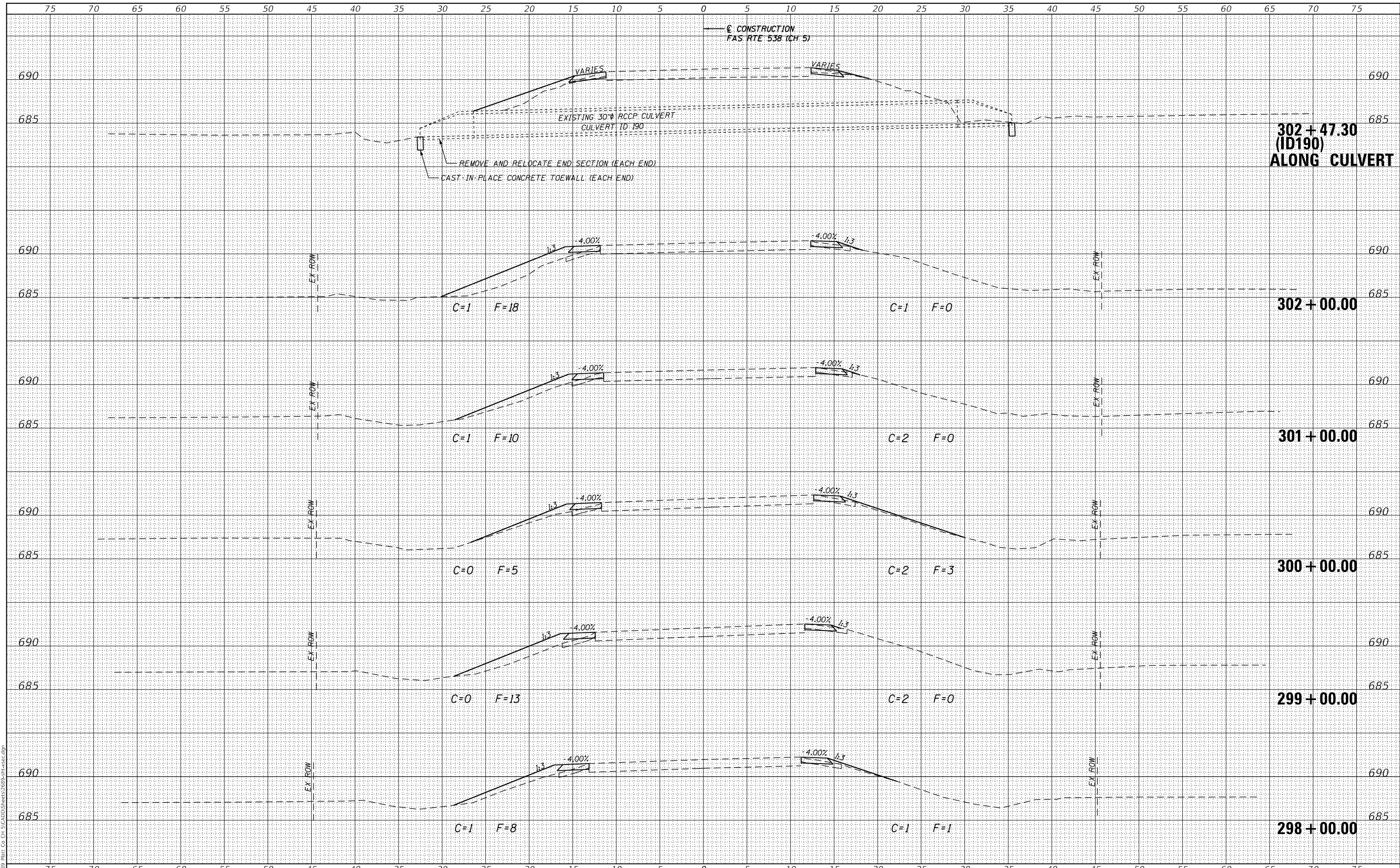
SCALE: SHEET OF SHEETS STA. 292+00.00 TO STA. 297+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	61
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED

MODEL: Default
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CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

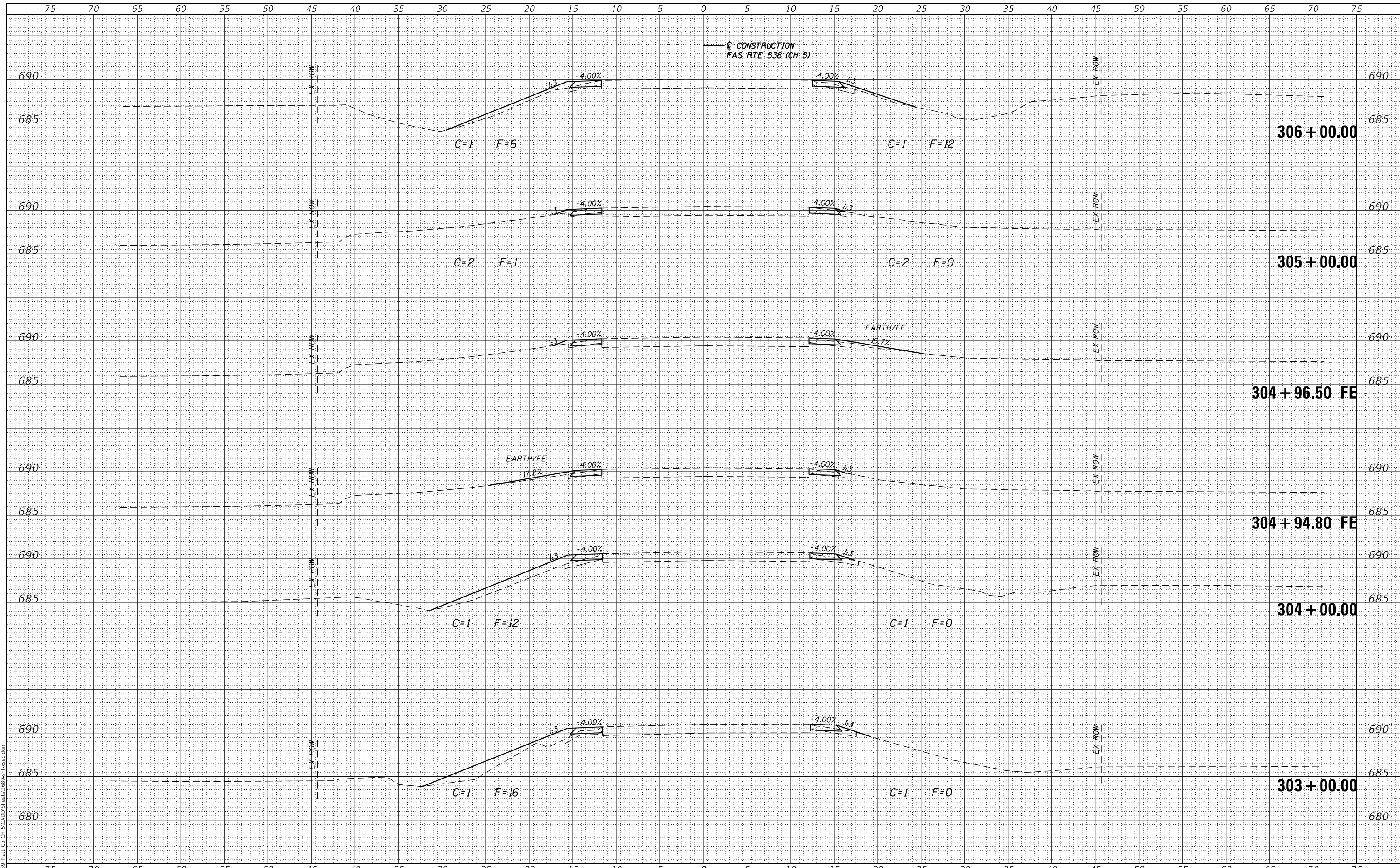
SCALE: SHEET OF SHEETS STA. 298+00.00 TO STA. 303+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	62
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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JOB# = 2689
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PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
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DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 304+00.00 TO STA. 306+00.00

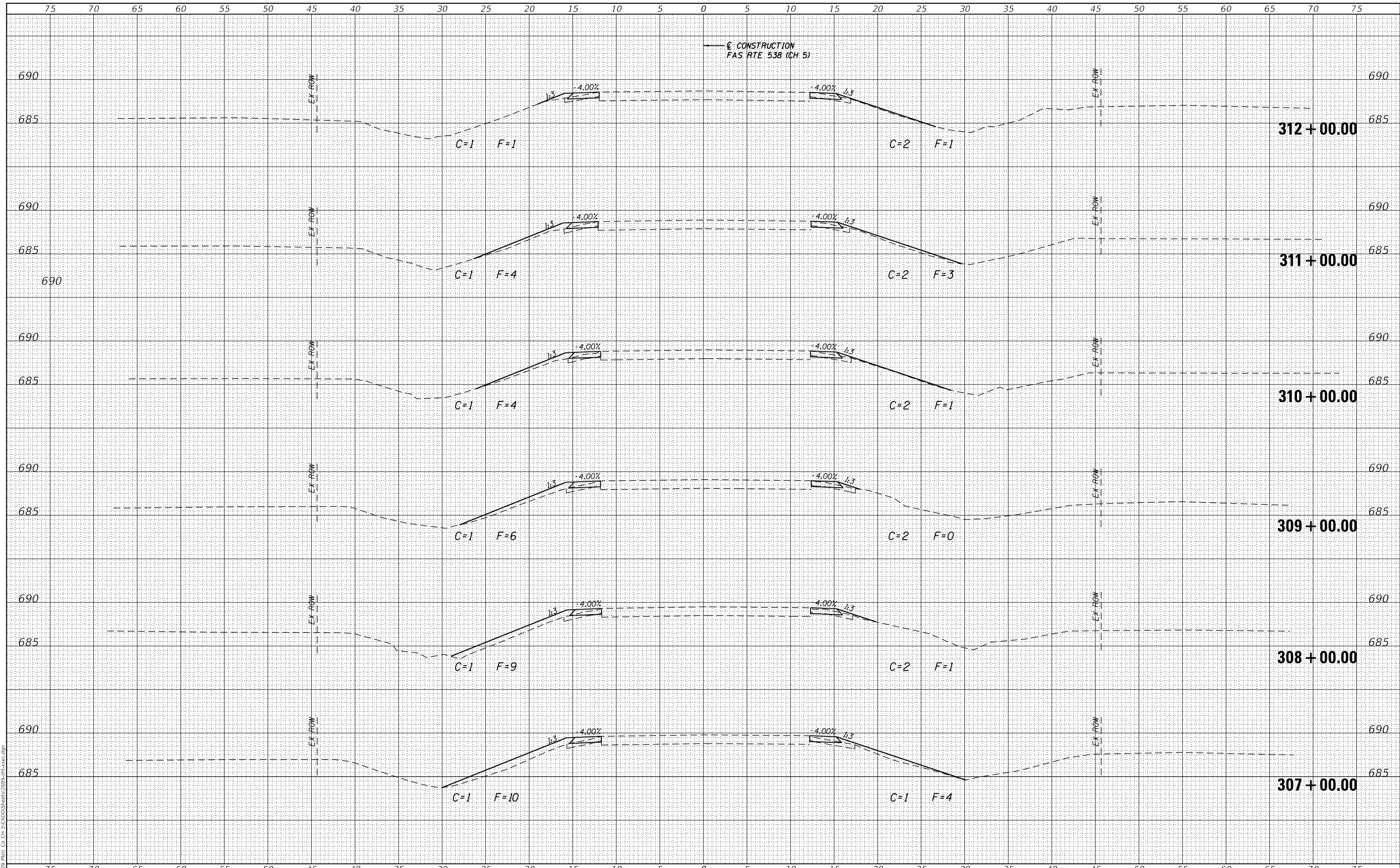
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	63
CONTRACT NO. 91611				

ILLINOIS FED. AID PROJECT

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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MODEL: Default
FILE NAME: I:\2689 - PIAT Co CH 5\CADD\Sheets\2689-sht-xsec.dgn



CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
DRAWN - SJS
CHECKED - TSH
DATE - 12/17/2021

REVISED -
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

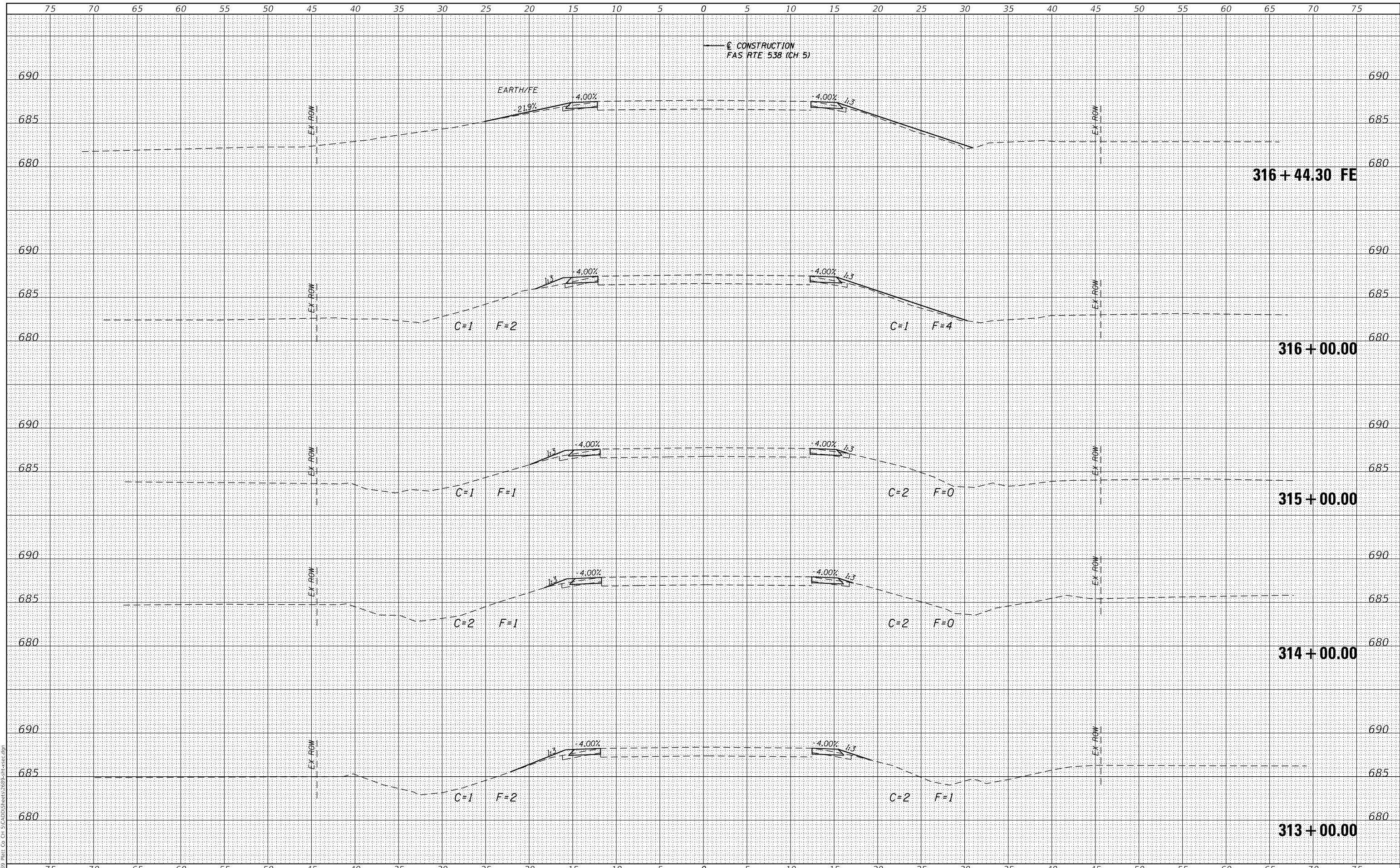
SCALE: SHEET OF SHEETS STA. 307+00.00 TO STA. 312+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	64
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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MODEL: Default
FILE NAME: I:\2689 - PIATT Co. CH 5\CADD\Sheets\2689-sht-xsec.dgn



CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

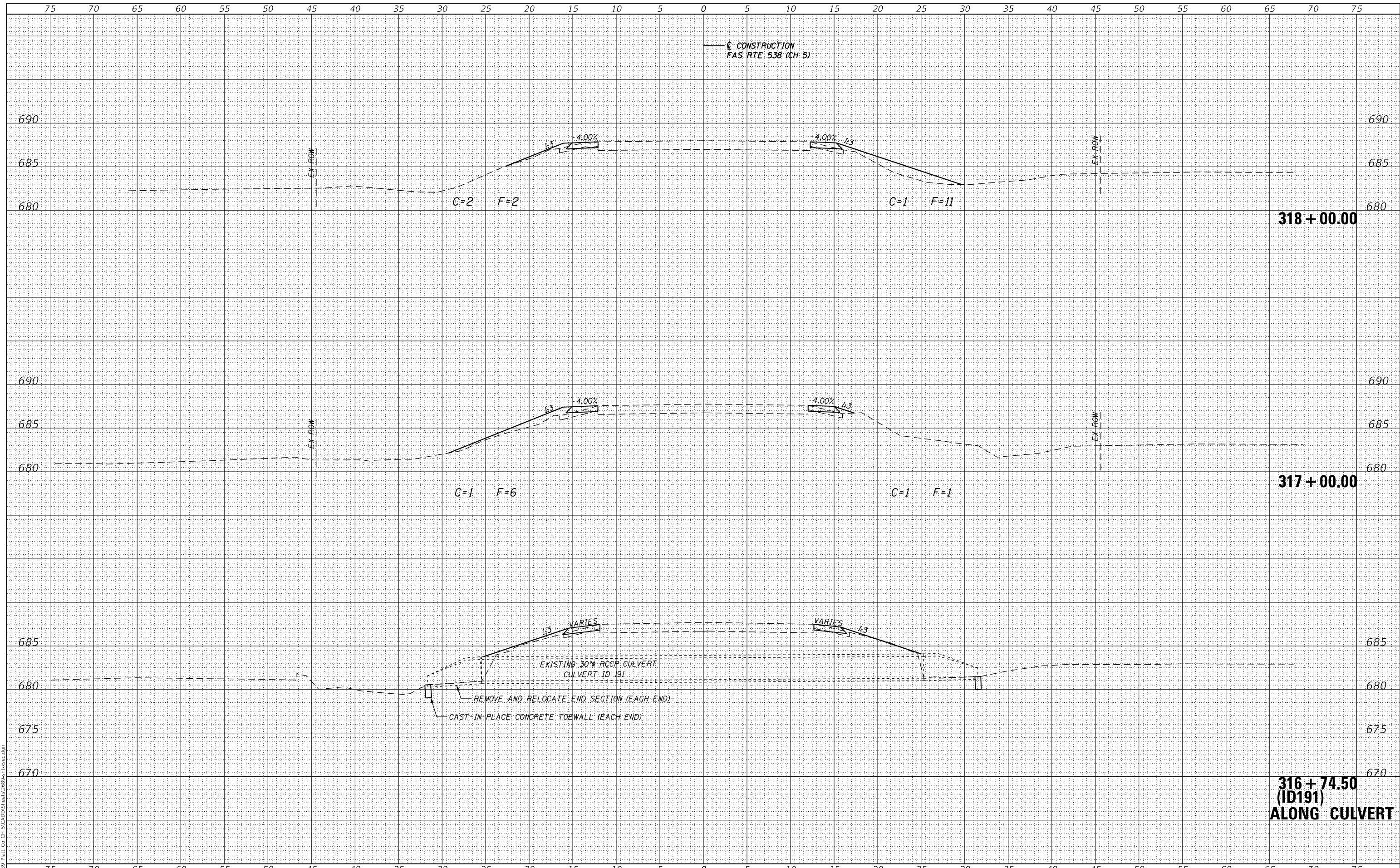
SCALE: SHEET OF SHEETS STA. 313+00.00 TO STA. 316+44.30

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	65
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME = 2689-sht-sec.dgn
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DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

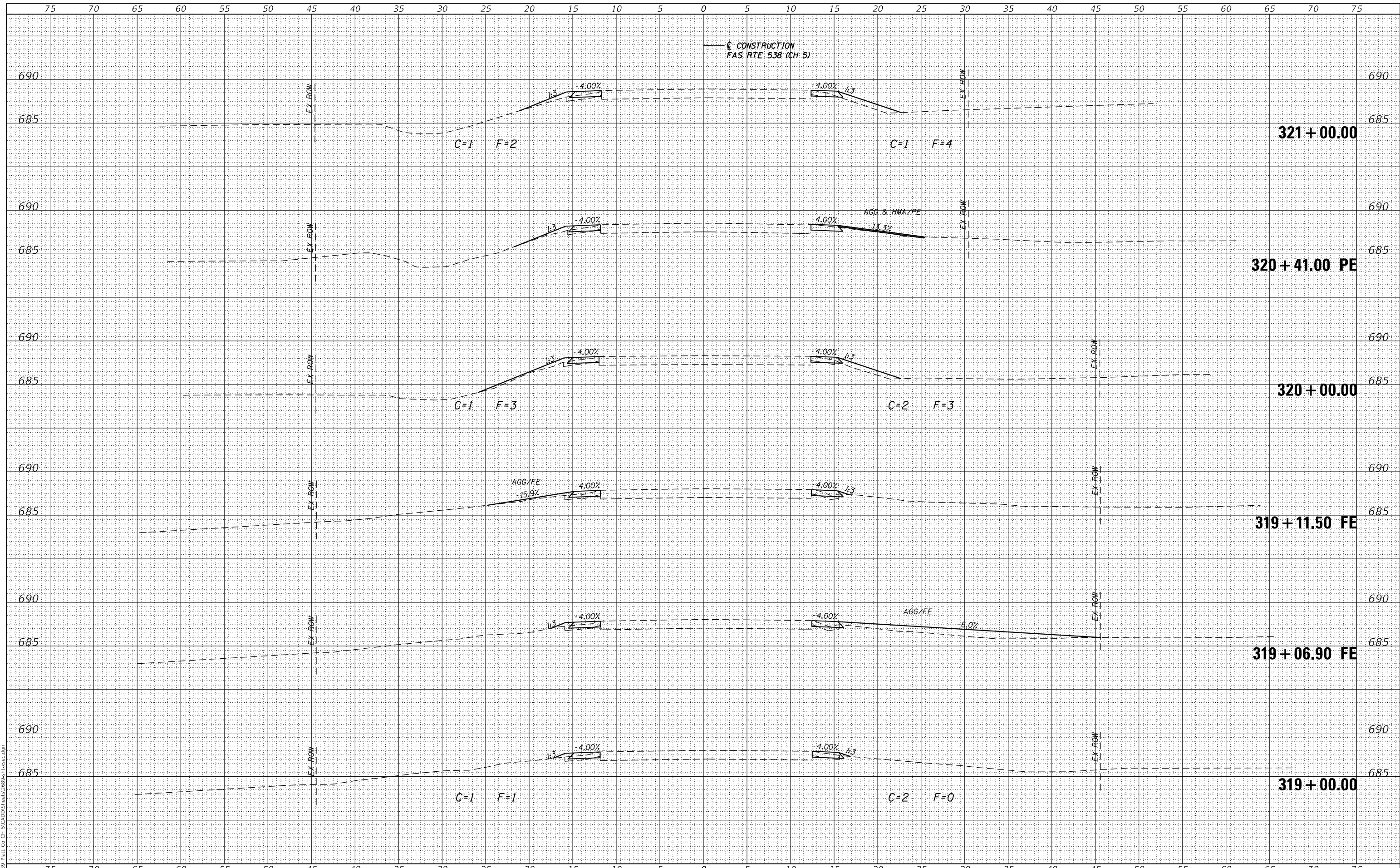
SCALE: SHEET OF SHEETS STA. 316+74.52 TO STA. 318+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	66
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

DATE	
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ORIGINAL SURVEY	
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MODEL: Default
FILE NAME: I:\2689 - PIAT Co CH 5\CADD\Sheets\2689-sht-xsec.dgn



CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

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PLOT DATE = 1/25/2022

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DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

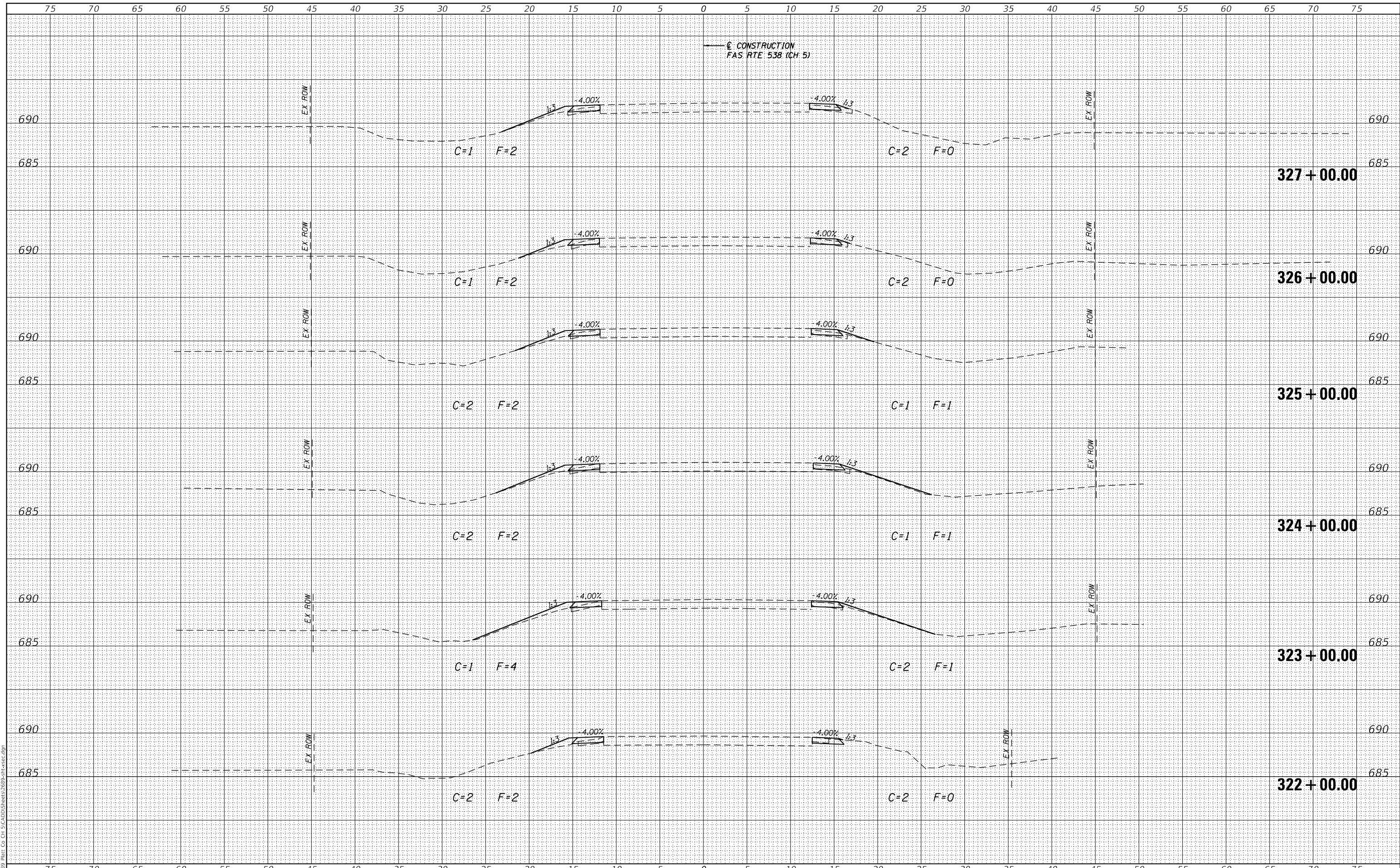
SCALE: SHEET OF SHEETS STA. 319+00.00 TO STA. 321+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	67
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		

DATE	
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FINAL SURVEY	
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MODEL: Default
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FILE NAME = 2689-sht-xsec.dgn
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PLOT DATE = 1/25/2022

DESIGNED - CFG
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REVISED -
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REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 322+00.00 TO STA. 327+00.00

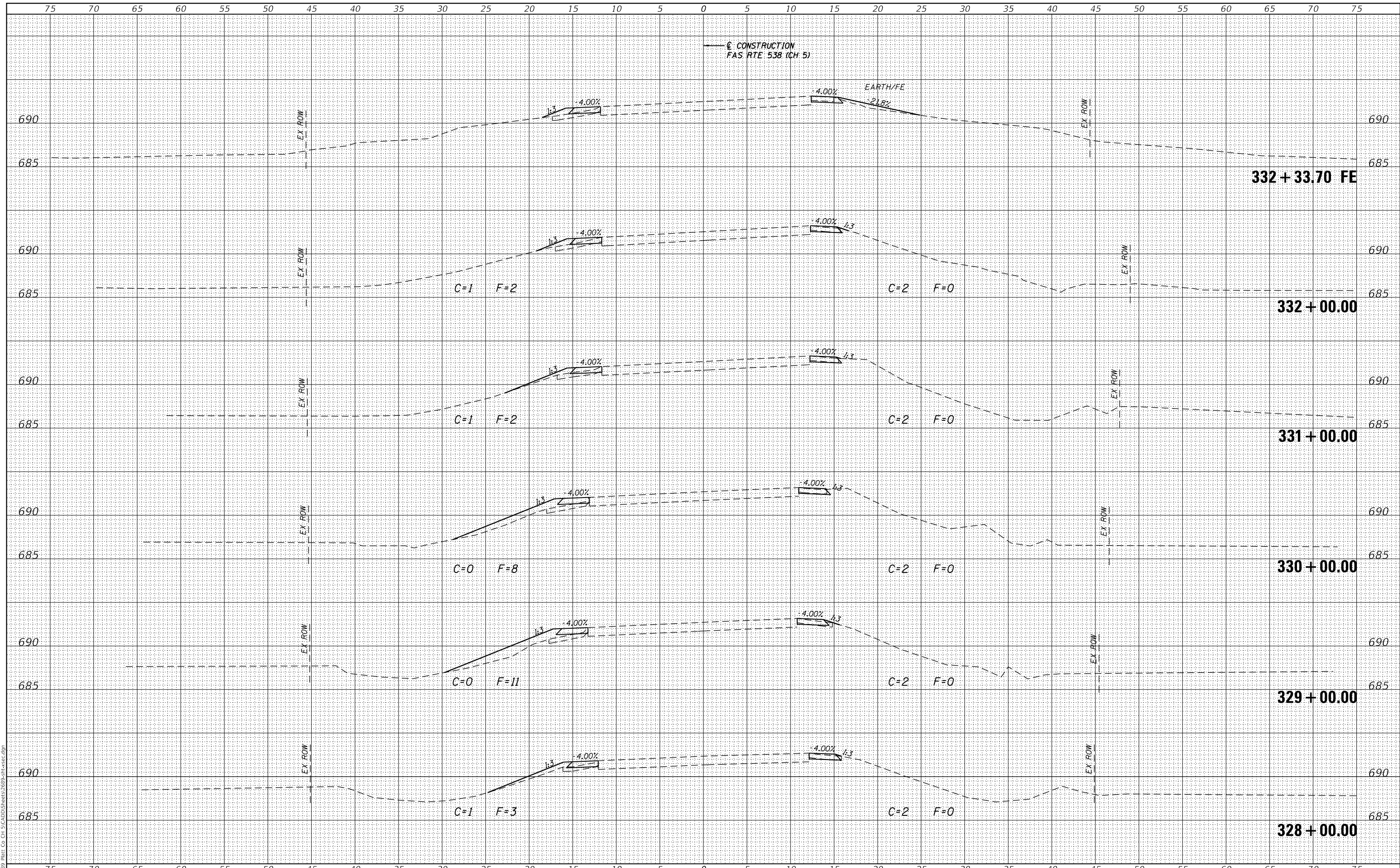
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	68
CONTRACT NO. 91611				

ILLINOIS FED. AID PROJECT

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

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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MODEL: Default
FILE NAME: I:\2689 - PIAT Co CH 5\CADD\Sheets\2689-sht-xsec.dgn



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000' / in.
PLOT DATE = 1/25/2022

DESIGNED - CFG
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DATE - 12/17/2021

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

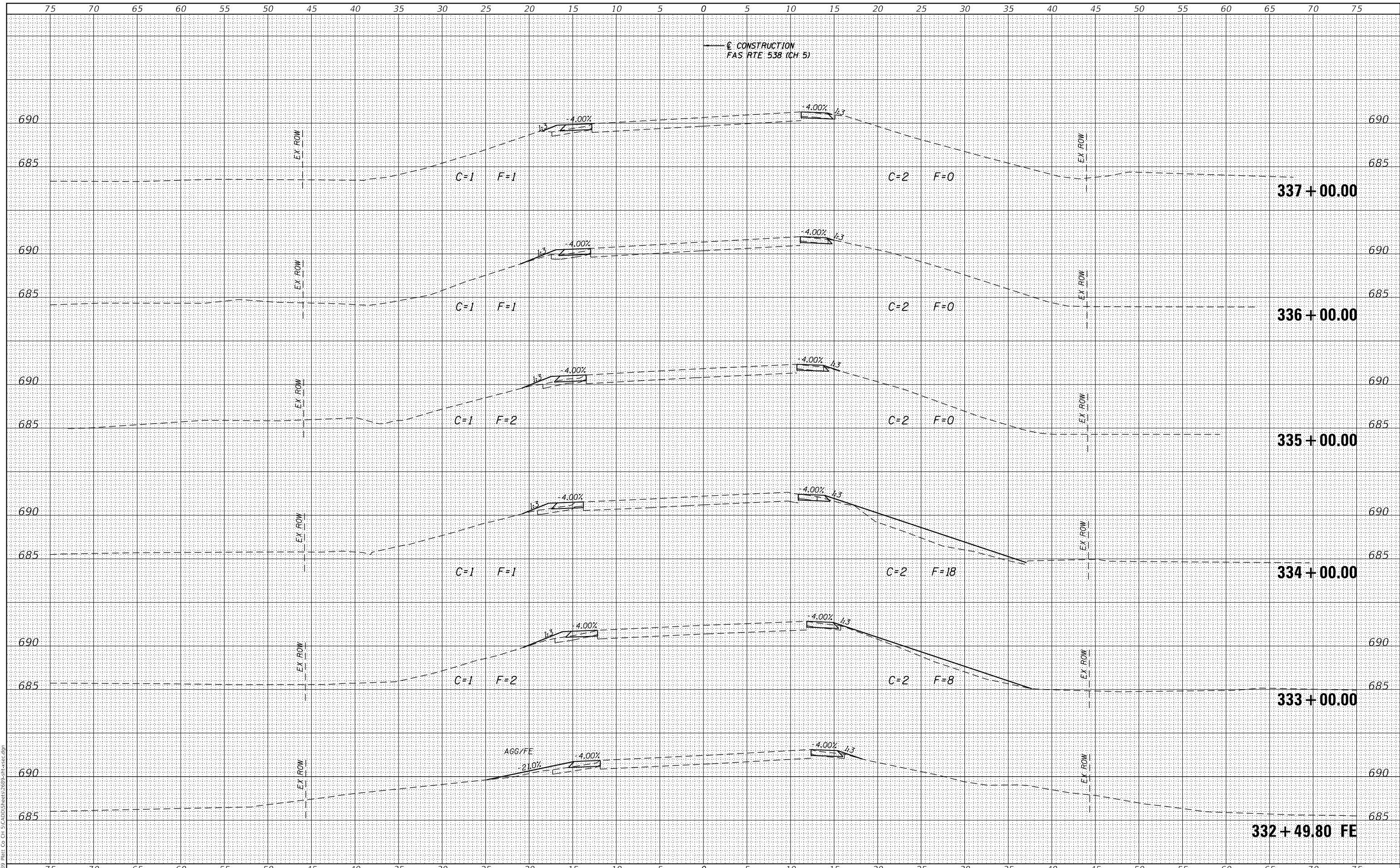
SCALE: SHEET OF SHEETS STA. 328+00.00 TO STA. 332+33.70

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	69
CONTRACT NO. 91611				
ILLINOIS FED. AID PROJECT				

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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MODEL: Default
FILE NAME: I:\2689 - PIATT Co CH 5\CADD\Sheets\2689-sht-xsec.dgn



CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB# = 2689
FILE NAME = 2689-sht-xsec.dgn
PLOT SCALE = 10.0000 ' / in.
PLOT DATE = 1/25/2022

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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 332+49.80 TO STA. 337+00.00

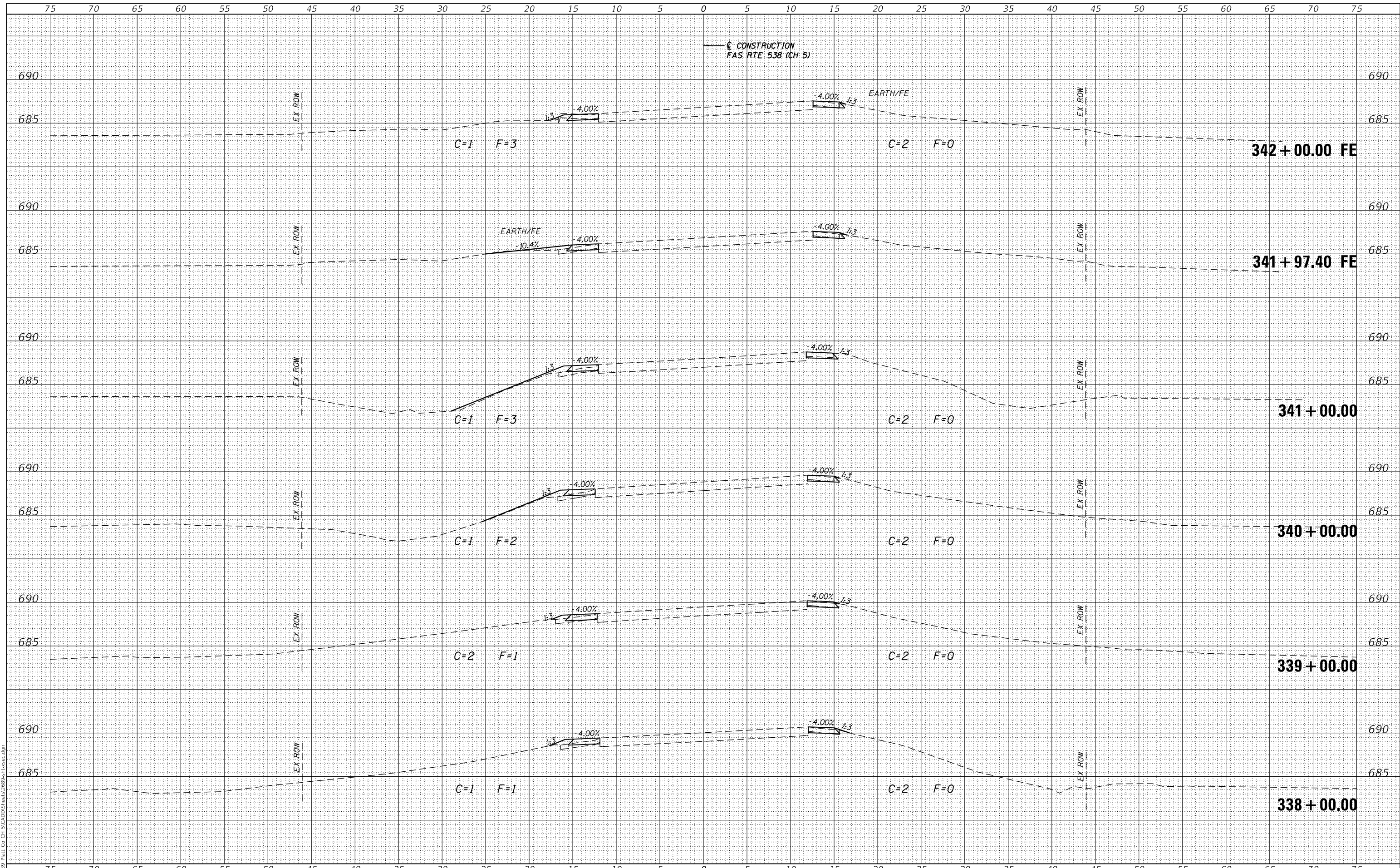
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	70
CONTRACT NO. 91611				

ILLINOIS FED. AID PROJECT

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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MODEL: Default
FILE NAME: I:\2689 - Pitt. Co. CH 5\CADD\Sheets\2689-shtsec.dgn



JOB# = 2689
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

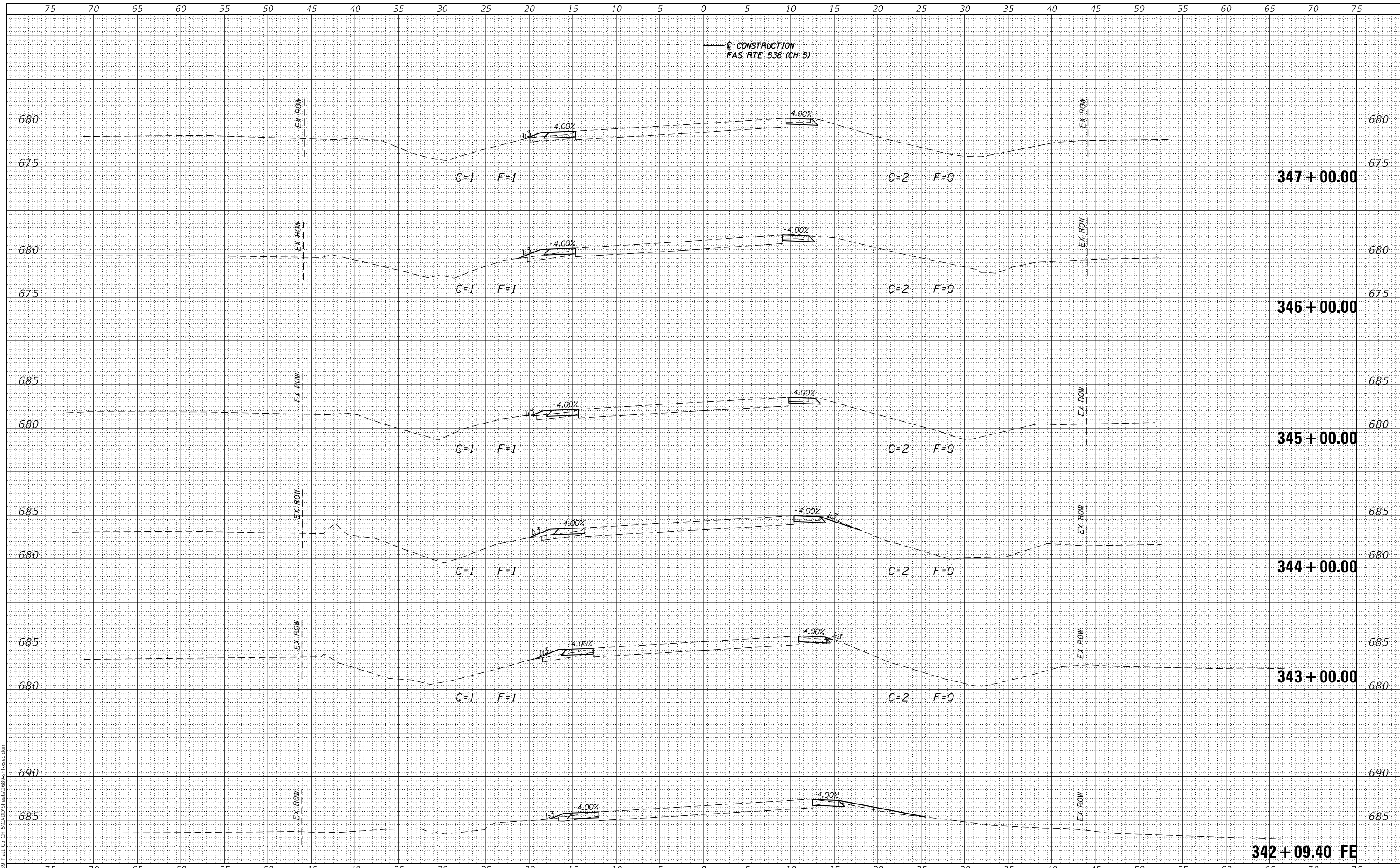
SCALE: SHEET OF SHEETS STA. 338+00.00 TO STA. 342+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-SD	PIATT	74	71
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		

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

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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FILE NAME: I:\2689 - PIATT Co CH 5\CADD\Sheets\2689-sht-xsec.dgn



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REVISED -

**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 342+09.40 TO STA. 347+00.00

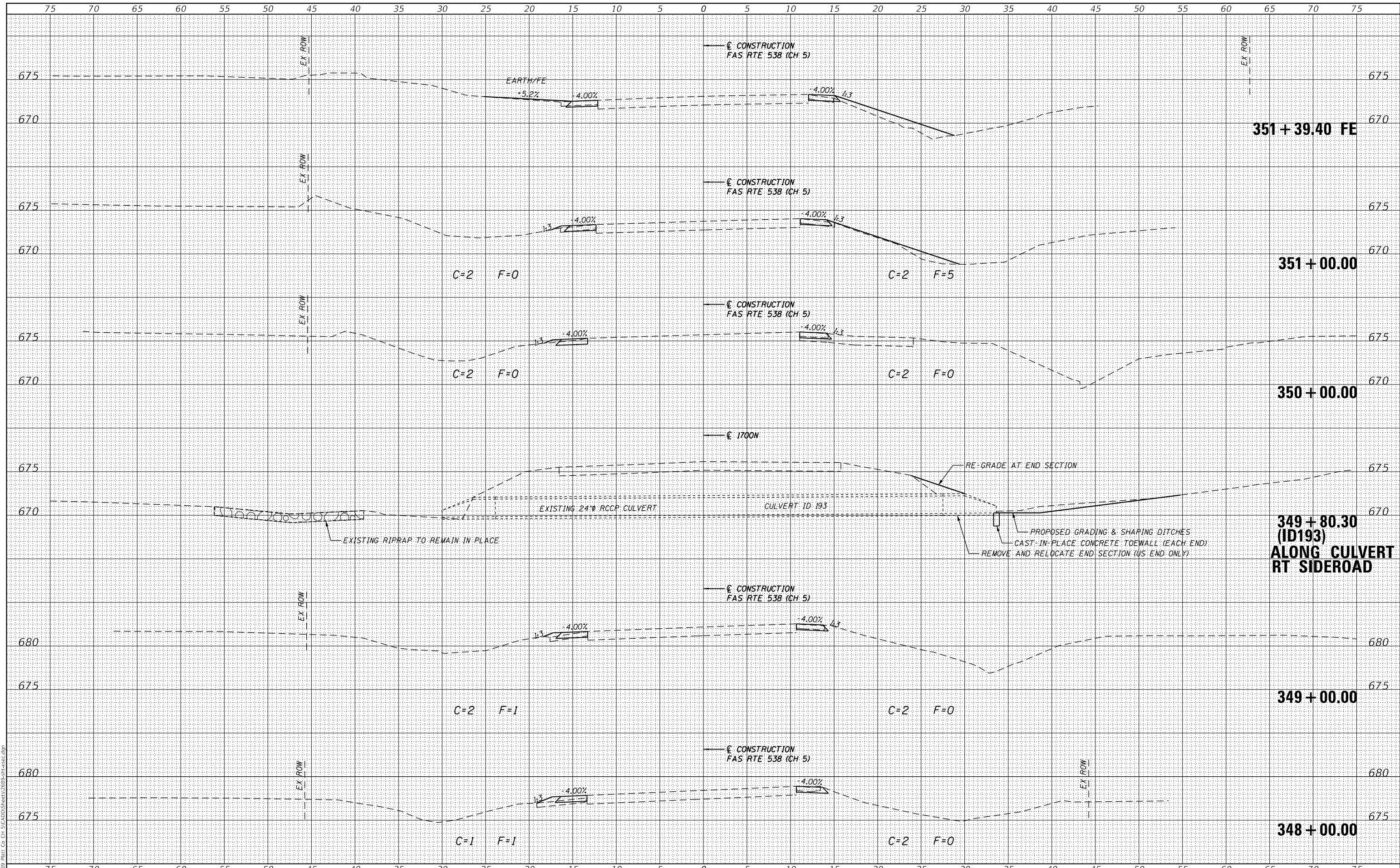
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	72
CONTRACT NO. 91611				

ILLINOIS FED. AID PROJECT

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

DATE	
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
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MODEL: Default
FILE NAME: I:\2689 - PIAT Co. CH 5\CADD\Sheets\2689-sht-sec.dgn



JOB# = 2689
FILE NAME = 2689-sht-sec.dgn
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PLOT DATE = 1/25/2022

DESIGNED - CFG
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DATE - 12/17/2021

REVISED -
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

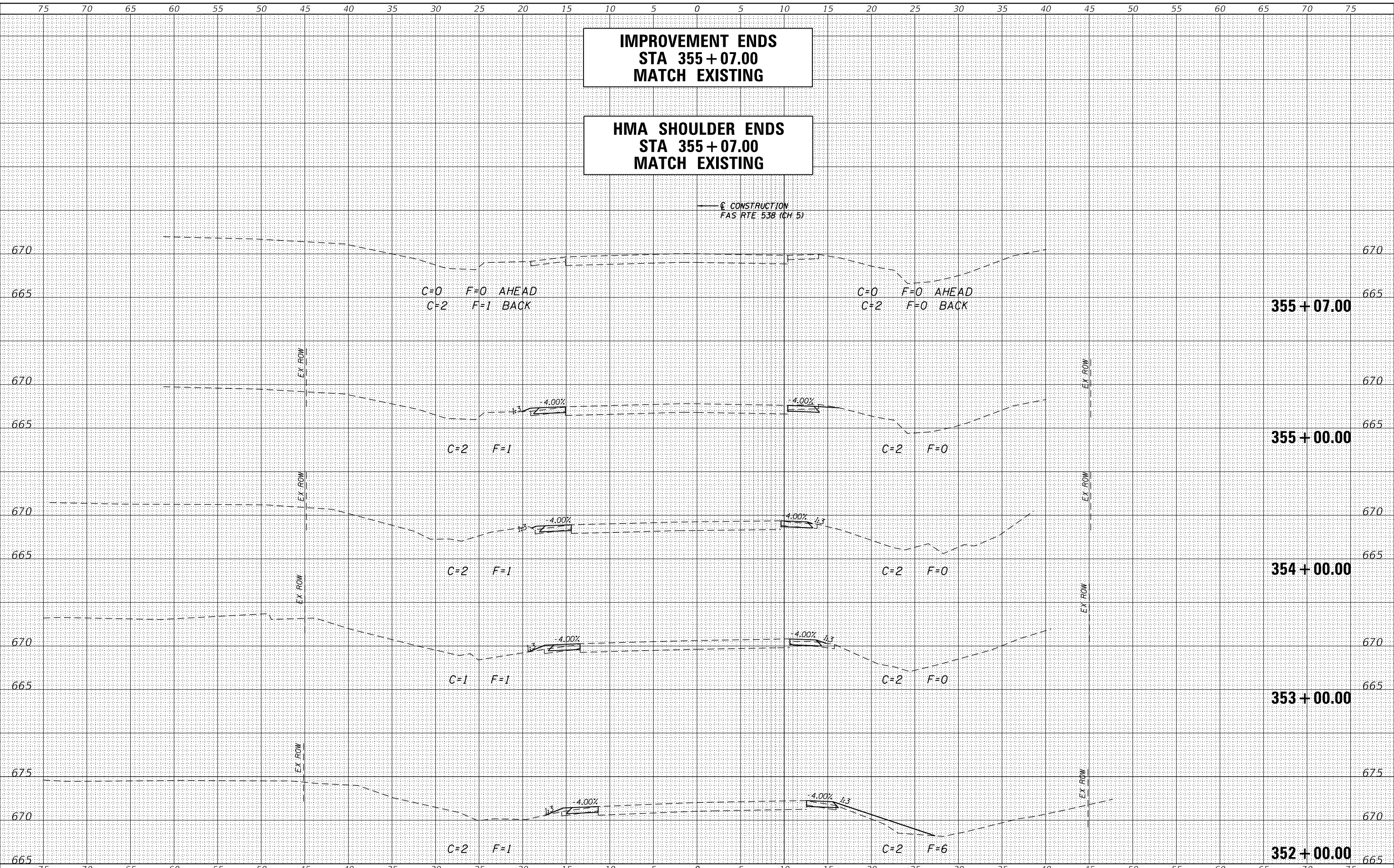
SCALE: SHEET OF SHEETS STA. 348+00.00 TO STA. 352+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	73
CONTRACT NO. 91611				
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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ORIGINAL SURVEY	
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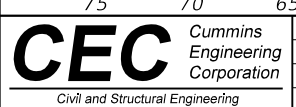
MODEL: Default
FILE NAME: I:\2689 - Pitt Co CH 5\CADD\Sheets\2689-sht-xsec.dgn



**IMPROVEMENT ENDS
STA 355 + 07.00
MATCH EXISTING**

**HMA SHOULDER ENDS
STA 355 + 07.00
MATCH EXISTING**

C CONSTRUCTION
FAS RTE 538 (CH 5)



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REVISED -
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**PIATT COUNTY
CH 5 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 353+00.00 TO STA. 355+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
538	21-00220-05-5D	PIATT	74	74
CONTRACT NO. 91611				
ILLINOIS		FED. AID PROJECT		