

03-07-2025 LETTING ITEM 172

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

UTILITY CONTACTS:

UTILITY TYPE:

ELECTRIC
AMEREN ILLINOIS - (NORTH)
ATTN: SAM KASSING
PHONE: (618) 972-1965

UTILITY TYPE:

ELECTRIC
M.J.M. ELECTRIC CO-OP
ATTN: GAGE GWILLIM
PHONE: (217) 707-6033

UTILITY TYPE:

COMMUNICATION
FRONTIER COMMUNICATIONS
ATTN: KALIN HINSHAW
PHONE: (815) 895-1515

UTILITY TYPE:

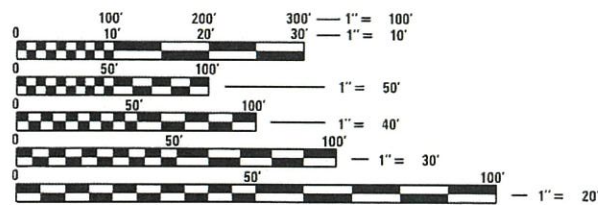
TELEPHONE
GRAFTON TELEPHONE COMPANY
ATTN: K. ANDY HAMILTON
PHONE: (618) 535-9980

UTILITY TYPE:

WATER
JERSEY CO RURAL WATER
ATTN: GREG BATES
PHONE: (618) 498-9534
PHONE: (618) 535-5664

UTILITY TYPE:

WATER
CITY OF GRAFTON
ATTN: PEGGY O'NEIL
PHONE: (618) 786-3344



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.

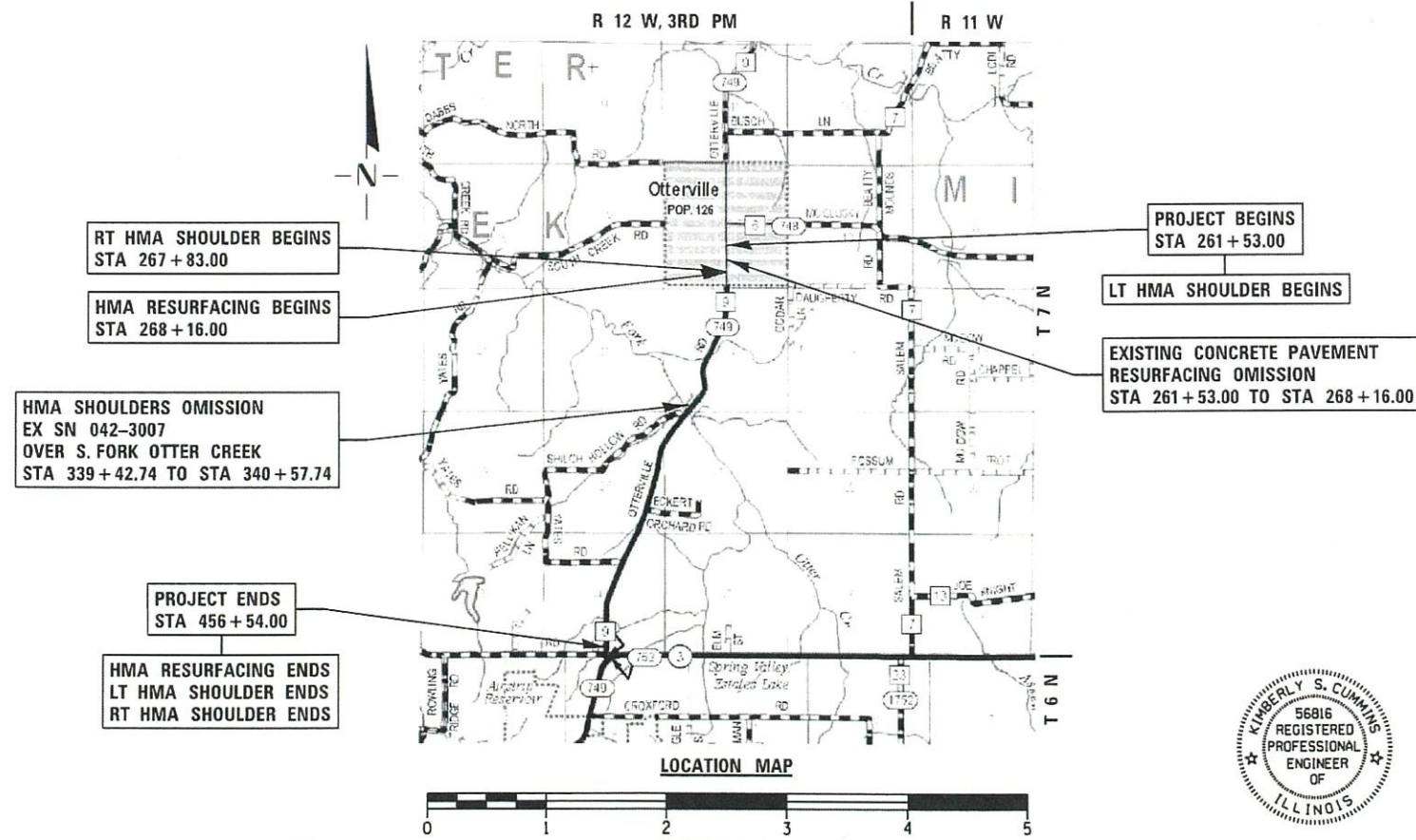
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811



FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
DESIGN SPEED 40 MPH
CURRENT ADT = 900 (2022)

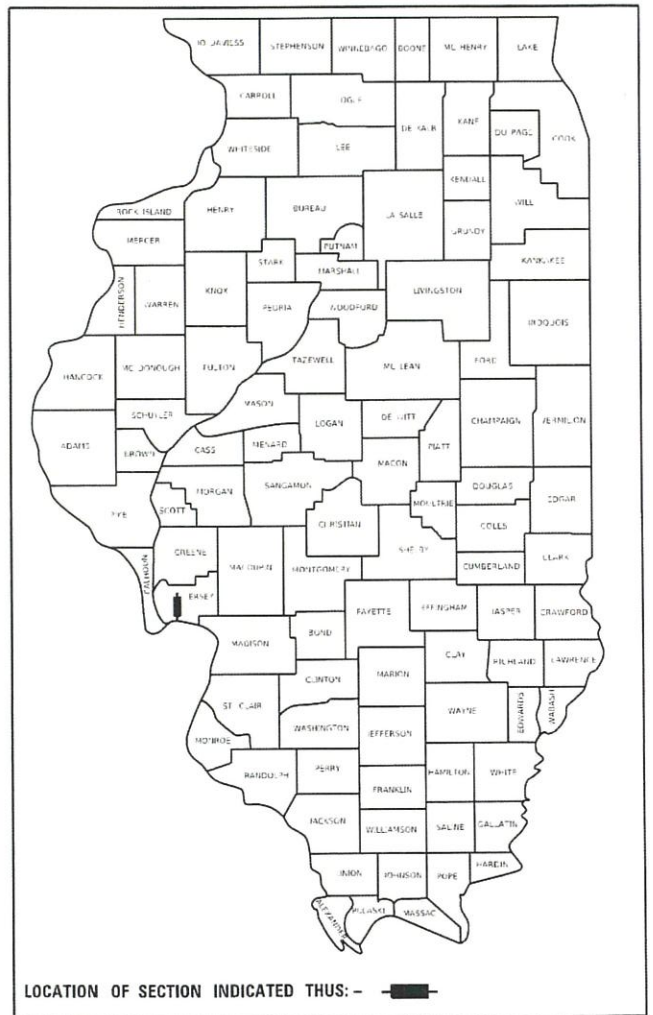
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED HIGHWAY SAFETY IMPROVEMENT PROJECT

FAS 749 OTTERVILLE RD (CH 9)
SECTION 22-00024-04-SP
PROJECT NO. G471(029)
JERSEY COUNTY
RESURFACING, HMA SHOULDERS, CENTERLINE
AND SHOULDER RUMBLE STRIPS
C-98-026-26
FUNDING: HSIP & STR



Kimberly S. Cummins 12/13/24
ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/25)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	1
		ILLINOIS	CONTRACT NO. 97854	



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 12-13, 2024
Thomas E. Kline
JERSEY COUNTY ENGINEER

PASSED 12-17, 2024
R. J. [Signature]
DISTRICT EIGHT ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW 12-17, 2024
[Signature]
REGION FIVE ENGINEER

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

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GENERAL NOTES

- THE LOCATIONS OF EXISTING WATER 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 THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.
- LAYOUT OF EROSION CONTROL ITEMS MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.
- TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO DISTURBED EARTH DURING THE PERIOD WHEN PERMANENT SEEDING IS NOT ALLOWED.
- ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- THE TOP LIFT OF THE HMA SHOULDERS WILL NOT BE PAVED SEPARATELY BUT WITH THE PAVEMENT HMA SURFACE COURSE APPLICATION.
- THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURES SHOWN IN 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.
- 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.
- FOR PIPE CULVERTS, CLASS D, THE MATERIAL SHALL BE GALVANIZED CORRUGATED STEEL PIPE.
- THE FOLLOWING STRUCTURE CAN BE CROSSED WITH ANY EMPTY MATERIAL TRANSFER DEVICE WITH THE FOLLOWING MAXIMUM GROSS WEIGHT RESTRICTIONS:
SN 042-3007 (40 TONS)
- THE INTENT OF THE PAY ITEM "REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL" AND "REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1" IS ONLY FOR THE PURPOSE OF CONSTRUCTABILITY OF HMA SHOULDERS. IF DETERMINED THE HMA SHOULDERS CAN BE CONSTRUCTED AT VARIOUS LOCATIONS WITHOUT REMOVING THE RAIL ELEMENT, QUANTITIES WILL BE ADJUSTED FOR ONLY THE LOCATIONS THAT REQUIRE THE RAIL ELEMENT TO BE REMOVED.

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15* (4.5 m) 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
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
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
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 26-3	STEEL PLATE BEAM GUARDRAIL 29" HEIGHT

MIXTURE REQUIREMENTS

MIX NUMBER	#1	#2	#3	#4
LOCATION	CH 9	CH 9	CH 9	CH 9
MIXTURE USE	SURFACE & TOP LIFT SHOULDERS	INCIDENTAL	LOWER LIFT SHOULDERS	BINDER
ACPG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0, NDESIGN = 70	4.0, NDESIGN = 70	4.0, NDESIGN = 50	4.0, NDESIGN = 70
MIX COMP (GRADATION)	IL 9.5FG	IL 9.5FG	IL 19.0	IL 9.5FG
FRICTION AGGREGATE	MIX C	MIX C	N.A.	N.A.
MIXTURE WEIGHT	112	112	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	N.A.	N.A.	N.A.	N.A.
MATERIAL TRANSFER DEVICE (REQUIRED)	YES	NO	NO	YES

APPLICATION RATES USED IN QUANTITY CALCULATIONS

GRANULAR MATERIALS	2.05 TONS/CU YD
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE
HOT-MIX ASPHALT	112 LBS/SQ YD/IN
BITUMINOUS MATERIALS (TACK COAT) MILLED HMA	0.05 LBS/SQ FT
BITUMINOUS MATERIALS (TACK COAT) NEW HMA	0.025 LBS/SQ FT
RIPRAP	1.5 TONS/CU YD
GUARDRAIL AGGREGATE EROSION CONTROL	1.75 TONS/CU YD

HMA SHOULDER PAVING DIAGRAM



FINAL TOTAL DEPTH OF HMA SHOULDERS = 8"

COMMITMENTS

TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH OCTOBER 31ST OF ANY GIVEN YEAR.

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	2
				CONTRACT NO. 97854
ILLINOIS FED. AID PROJECT				

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PLOT SCALE = 100,0000' / in.	CHECKED - JLB	REVISED -
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE
				80% FED 20% LOCAL	90% FED 10% LOCAL
				ROADWAY	ROADWAY
				0005 STR	0021 HSIP
20100500	TREE REMOVAL, ACRES	ACRE	0.02	0.02	
20101000	TEMPORARY FENCE	FOOT	449	449	
20200100	EARTH EXCAVATION	CU YD	730		730
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	379		379
20300100	CHANNEL EXCAVATION	CU YD	44		44
20400800	FURNISHED EXCAVATION	CU YD	885		885
20800150	TRENCH BACKFILL	CU YD	11		11
21400100	GRADING AND SHAPING DITCHES	FOOT	1,890		1,890
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	396		396
28000400	PERIMETER EROSION BARRIER	FOOT	4,820		4,820
28000500	INLET AND PIPE PROTECTION	EACH	5		5
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	68		68
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	39,029	31,559	7,470
40600370	LONGITUDINAL JOINT SEALANT	FOOT	56,190	18,838	37,352

* SPECIALTY ITEM

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 CHECKED - JLB
 DATE - 9/5/2024

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 REVISED -
 REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97854	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE
				80% FED 20% LOCAL	90% FED 10% LOCAL
				ROADWAY	ROADWAY
				0005	0021
				STR	HSIP
40600405	MATERIAL TRANSFER DEVICE	TON	3,357	3,357	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	606	177	429
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	14		14
40600990	TEMPORARY RAMP	SQ YD	52	52	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	3,845	3,845	
40604002	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70	TON	3,227	3,227	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	199		199
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	48		48
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	46,092	46,092	
44000100	PAVEMENT REMOVAL	SQ YD	70		70
44201735	CLASS D PATCHES, TYPE IV, 7 INCH	SQ YD	70		70
48101200	AGGREGATE SHOULDERS, TYPE B	TON	105		105
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	16,601		16,601
50105220	PIPE CULVERT REMOVAL	FOOT	229		229

* SPECIALTY ITEM

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 DATE - 9/5/2024

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97854	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE
				80% FED 20% LOCAL	90% FED 10% LOCAL
				ROADWAY	ROADWAY
				0005	0021
				STR	HSIP
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2		2
54010503	PRECAST CONCRETE BOX CULVERTS 5' X 3'	FOOT	56		56
54248510	CONCRETE COLLAR	CU YD	3.7		3.7
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	136		136
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	89		89
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	8		8
542D0232	PIPE CULVERTS, CLASS D, TYPE 1 27"	FOOT	16		16
542D0235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	8		8
542D0241	PIPE CULVERTS, CLASS D, TYPE 1 36"	FOOT	10		10
60920018	PIPE CULVERTS TO BE CLEANED 18"	FOOT	97		97
60920027	PIPE CULVERTS TO BE CLEANED 27"	FOOT	47		47
60920030	PIPE CULVERTS TO BE CLEANED 30"	FOOT	45		45
60920036	PIPE CULVERTS TO BE CLEANED 36"	FOOT	65		65
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	287.5		287.5

* SPECIALTY ITEM

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DATE - 9/5/2024

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97854	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE
				80% FED 20% LOCAL	90% FED 10% LOCAL
				ROADWAY	ROADWAY
				0005	0021
				STR	HSIP
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4		4
63200310	GUARDRAIL REMOVAL	FOOT	411		411
* 63300575	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL	FOOT	1,649		1,649
* 63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	2		2
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	37,870		37,870
67100100	MOBILIZATION	L SUM	1		1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,617		5,617
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	624		624
* 72000100	SIGN PANEL - TYPE 1	SQ FT	235	235	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	21		21
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	546	546	
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	28,642		28,642
* 78004620	PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 4"	FOOT	38,098		38,098
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	38,098		38,098

* SPECIALTY ITEM

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97854	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE
				80% FED 20% LOCAL	90% FED 10% LOCAL
				ROADWAY	ROADWAY
				0005	0021
				STR	HSIP
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	58		58
X1200050	BOX CULVERT REMOVAL	FOOT	39		39
* X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	4.00		4.00
X2810808	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)	TON	1,080	511	569
X5810103	MEMBRANE WATERPROOFING FOR BURIED STRUCTURES	SQ YD	54		54
* X6300210	GUARDRAIL BLOCKS	EACH	245		245
X6420112	CENTER LINE - RUMBLE STRIP - 8"	FOOT	18,223		18,223
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5
X7240205	REMOVE SIGN COMPLETE	EACH	43		43
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	345		345
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0023602	GRANULAR CULVERT BACKFILL	CU YD	108		108
# Z0076600	TRAINEES	HOURS	2,000		
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURS	2,000		

* SPECIALTY ITEM # 0042

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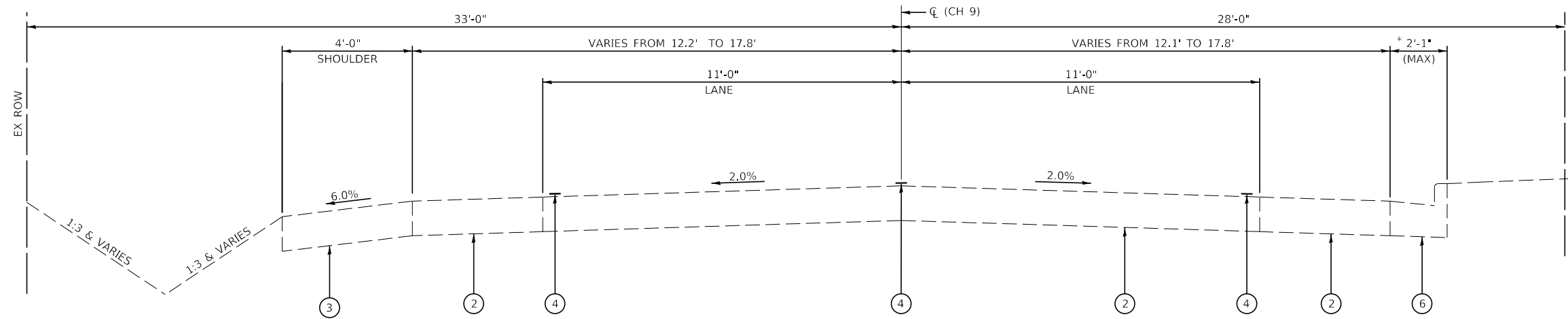
OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	7
CONTRACT NO. 97854			ILLINOIS FED. AID PROJECT	

* CURB AND CUTTER VARIES FROM RT STA 257+57.80 TO STA 267+83.00
 EXISTING AGGREGATE ENTRANCE FROM RT STA 267+83.00 TO STA 268+16.00



EXISTING TYPICAL SECTION
 STA 261+53.00 TO STA 268+16.00

LEGEND

EXISTING ITEMS

- ① EX HOT-MIX ASPHALT RESURFACING
- ② EX PORTLAND CEMENT CONCRETE PAVEMENT
- ③ EX AGGREGATE SHOULDERS
- ④ EX STRIPING
- ⑤ EX GUARDRAIL
- ⑥ EX COMBINATION CONCRETE CURB AND GUTTER

PROPOSED ITEMS

- ⑦ PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ PR EXCAVATING AND GRADING EXISTING SHOULDER
- ⑨ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 (1 1/2")
- ⑩ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70 (1 1/4")
- ⑪ PR HOT-MIX ASPHALT SHOULDERS, 8" (1 1/4" TOP + 6 3/4" BOTTOM)
- ⑫ PR SHOULDER RUMBLE STRIPS, 8 INCH
- ⑬ PR PAINT PAVEMENT MARKING - LINE 4"
- ⑭ PR LONGITUDINAL JOINT SEALANT
- ⑮ PR CENTER LINE - RUMBLE STRIP - 8"
- ⑯ PR EMBANKMENT FROM EXCAVATING AND GRADING EXISTING SHOULDER PER ARTICLE 202.06
- ⑰ PR PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 4" W/ GROOVING FOR RECESSED PAVEMENT MARKING 5"

MODEL: Default
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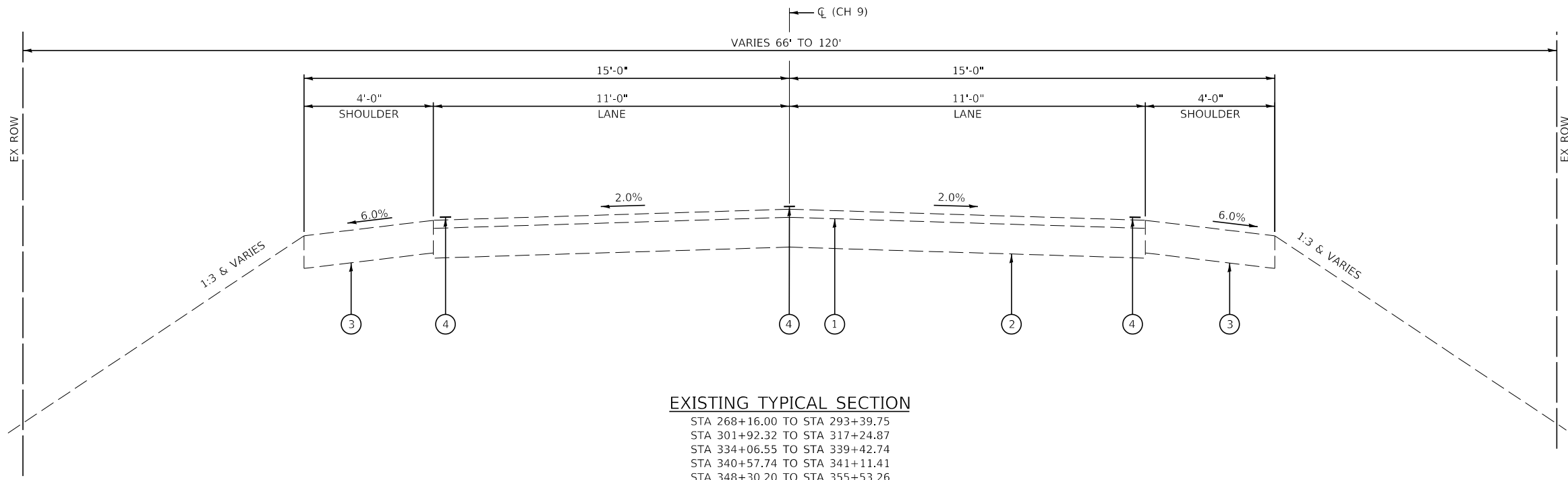
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PLOT DATE = 12/13/2024	DATE - 3/8/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA TO STA.

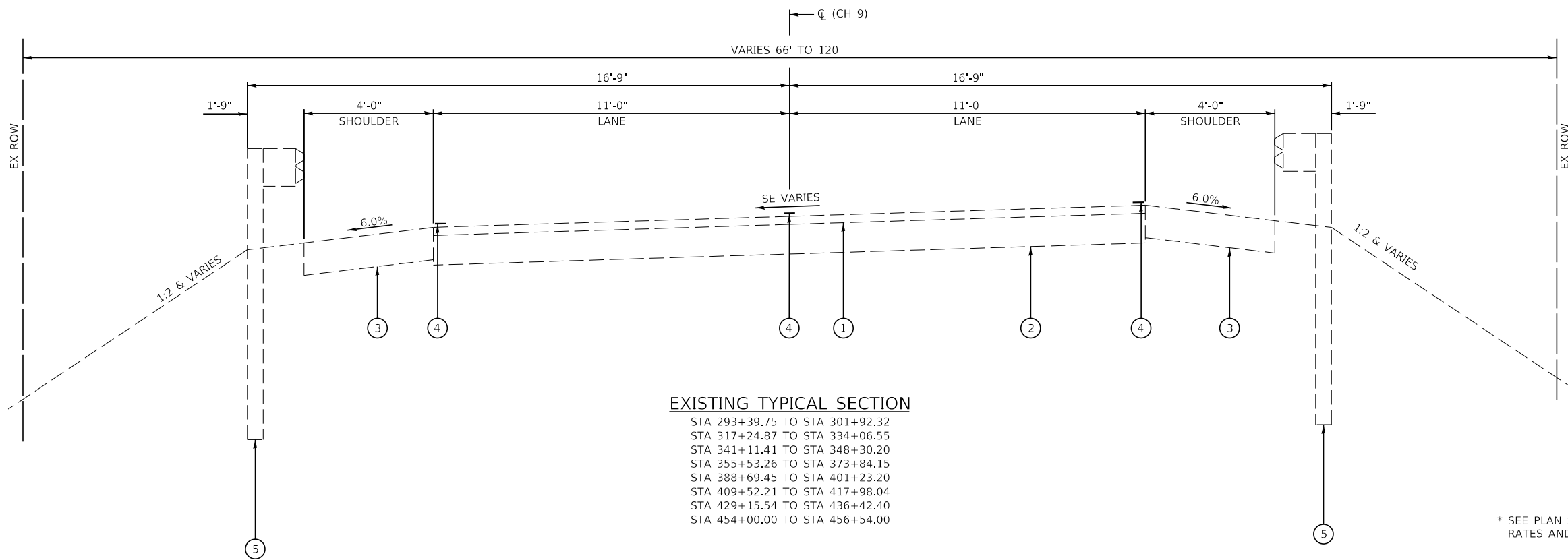
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	9
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

STA 268+16.00 TO STA 293+39.75
 STA 301+92.32 TO STA 317+24.87
 STA 334+06.55 TO STA 339+42.74
 STA 340+57.74 TO STA 341+11.41
 STA 348+30.20 TO STA 355+53.26
 STA 373+84.15 TO STA 388+69.45
 STA 401+23.20 TO STA 409+52.21
 STA 417+98.04 TO STA 429+15.54
 STA 436+42.40 TO STA 454+00.00

NOTE:
 PAVEMENT WIDTH TRANSITIONS FROM STA 268+16.00 (12.2') TO STA 268+66.00 (11.0')



EXISTING TYPICAL SECTION

STA 293+39.75 TO STA 301+92.32
 STA 317+24.87 TO STA 334+06.55
 STA 341+11.41 TO STA 348+30.20
 STA 355+53.26 TO STA 373+84.15
 STA 388+69.45 TO STA 401+23.20
 STA 409+52.21 TO STA 417+98.04
 STA 429+15.54 TO STA 436+42.40
 STA 454+00.00 TO STA 456+54.00

* SEE PLAN SHEETS FOR EXISTING SUPERELEVATION RATES AND TRANSITIONS

LEGEND

EXISTING ITEMS

- ① EX HOT-MIX ASPHALT RESURFACING
- ② EX PORTLAND CEMENT CONCRETE PAVEMENT
- ③ EX AGGREGATE SHOULDERS
- ④ EX STRIPING
- ⑤ EX GUARDRAIL
- ⑥ EX COMBINATION CONCRETE CURB AND GUTTER

PROPOSED ITEMS

- ⑦ PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ PR EXCAVATING AND GRADING EXISTING SHOULDER
- ⑨ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 (1 1/2")
- ⑩ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70 (1 1/4")
- ⑪ PR HOT-MIX ASPHALT SHOULDERS, 8" (1 1/4" TOP + 6 3/4" BOTTOM)
- ⑫ PR SHOULDER RUMBLE STRIPS, 8 INCH
- ⑬ PR PAINT PAVEMENT MARKING - LINE 4"
- ⑭ PR LONGITUDINAL JOINT SEALANT
- ⑮ PR CENTER LINE - RUMBLE STRIP - 8"
- ⑯ PR EMBANKMENT FROM EXCAVATING AND GRADING EXISTING SHOULDER PER ARTICLE 202.06
- ⑰ PR PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 4" W/ GROOVING FOR RECESSED PAVEMENT MARKING 5"

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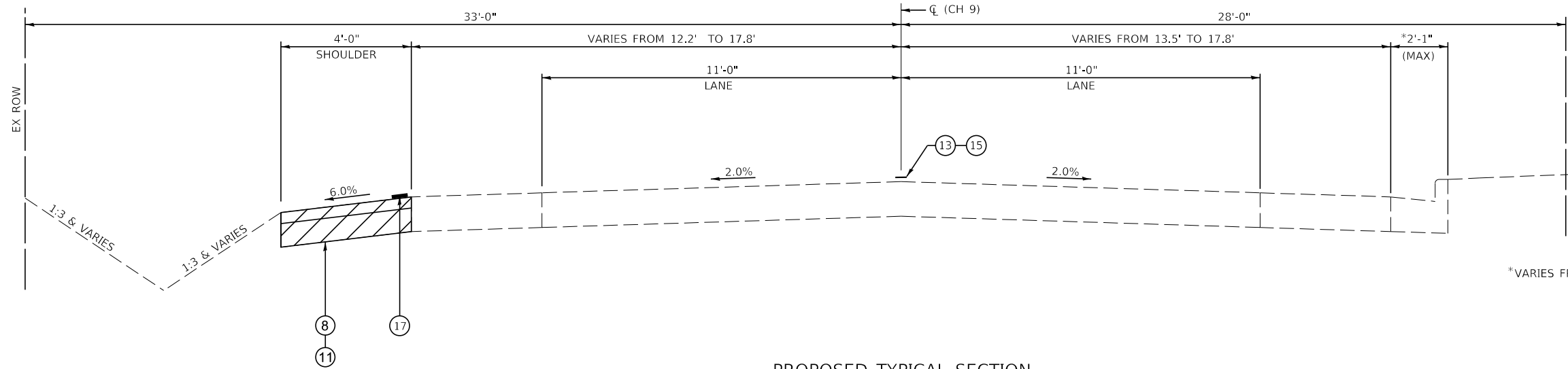
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DRAWN - CGF	REVISED -
CHECKED - JLB	REVISED -
DATE - 3/8/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	10
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
STA 261+53.00 TO STA 267+83.00

*VARIES FROM STA 257+57.80 TO STA 267+83.00

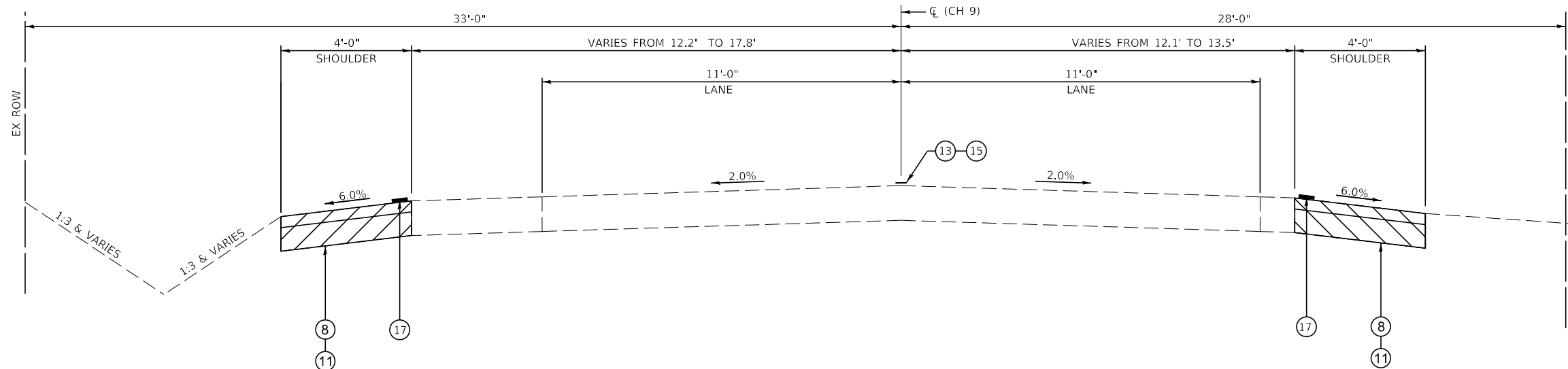
LEGEND

EXISTING ITEMS

- ① EX HOT-MIX ASPHALT RESURFACING
- ② EX PORTLAND CEMENT CONCRETE PAVEMENT
- ③ EX AGGREGATE SHOULDERS
- ④ EX STRIPING
- ⑤ EX GUARDRAIL
- ⑥ EX COMBINATION CONCRETE CURB AND GUTTER

PROPOSED ITEMS

- ⑦ PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ PR EXCAVATING AND GRADING EXISTING SHOULDER
- ⑨ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 (1 1/2")
- ⑩ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70 (1 1/4")
- ⑪ PR HOT-MIX ASPHALT SHOULDERS, 8" (1 1/4" TOP + 6 3/4" BOTTOM)
- ⑫ PR SHOULDER RUMBLE STRIPS, 8 INCH
- ⑬ PR PAINT PAVEMENT MARKING - LINE 4"
- ⑭ PR LONGITUDINAL JOINT SEALANT
- ⑮ PR CENTER LINE - RUMBLE STRIP - 8"
- ⑯ PR EMBANKMENT FROM EXCAVATING AND GRADING EXISTING SHOULDER PER ARTICLE 202.06
- ⑰ PR PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 4" W/ GROOVING FOR RECESSED PAVEMENT MARKING 5"



PROPOSED TYPICAL SECTION
STA 267+83.00 TO 268+16.00

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DRAWN - CGF
CHECKED - JLB
DATE - 3/8/2024

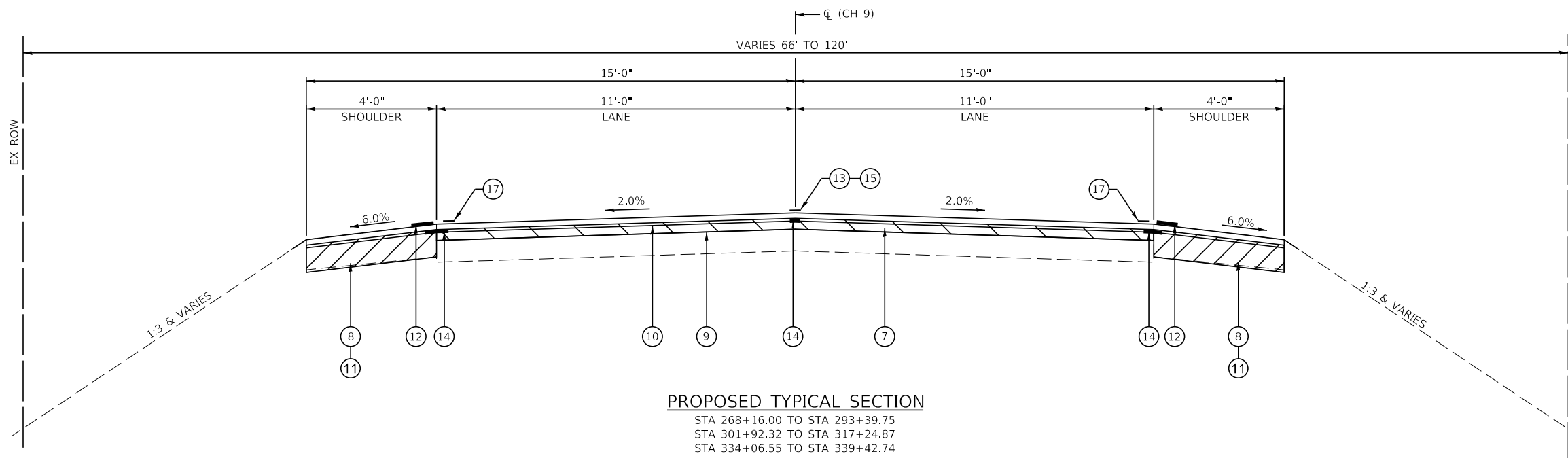
REVISED -
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REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	11
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



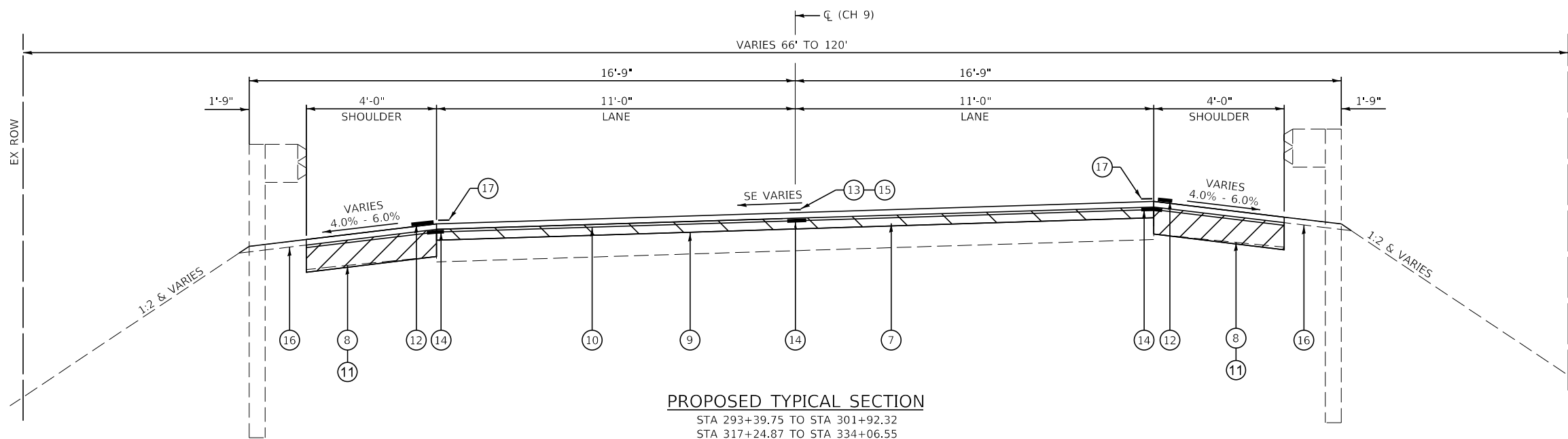
PROPOSED TYPICAL SECTION

STA 268+16.00 TO STA 293+39.75
 STA 301+92.32 TO STA 317+24.87
 STA 334+06.55 TO STA 339+42.74
 STA 340+57.74 TO STA 341+11.41
 STA 348+30.20 TO STA 355+53.26
 STA 373+84.15 TO STA 388+69.45
 STA 401+23.20 TO STA 409+52.21
 STA 417+98.04 TO STA 429+15.54
 STA 436+42.40 TO STA 456+54.00

NOTE:
 PAVEMENT WIDTH TRANSITIONS FROM STA 268+16.00 (12.2') TO STA 268+66.00 (11.0')

LEGEND

- EXISTING ITEMS**
- ① EX HOT-MIX ASPHALT RESURFACING
 - ② EX PORTLAND CEMENT CONCRETE PAVEMENT
 - ③ EX AGGREGATE SHOULDERS
 - ④ EX STRIPING
 - ⑤ EX GUARDRAIL
 - ⑥ EX COMBINATION CONCRETE CURB AND GUTTER
- PROPOSED ITEMS**
- ⑦ PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 - ⑧ PR EXCAVATING AND GRADING EXISTING SHOULDER
 - ⑨ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 (1 1/2")
 - ⑩ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70 (1 1/4")
 - ⑪ PR HOT-MIX ASPHALT SHOULDERS, 8" (1 1/4" TOP + 6 3/4" BOTTOM)
 - ⑫ PR SHOULDER RUMBLE STRIPS, 8 INCH
 - ⑬ PR PAINT PAVEMENT MARKING - LINE 4"
 - ⑭ PR LONGITUDINAL JOINT SEALANT
 - ⑮ PR CENTER LINE - RUMBLE STRIP - 8"
 - ⑯ PR EMBANKMENT FROM EXCAVATING AND GRADING EXISTING SHOULDER PER ARTICLE 202.06
 - ⑰ PR PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 4" W/ GROOVING FOR RECESSED PAVEMENT MARKING 5"



PROPOSED TYPICAL SECTION

STA 293+39.75 TO STA 301+92.32
 STA 317+24.87 TO STA 334+06.55
 STA 341+11.41 TO STA 348+30.20
 STA 355+53.26 TO STA 373+84.15
 STA 388+69.45 TO STA 401+23.20
 STA 409+52.21 TO STA 417+98.04
 STA 429+15.54 TO STA 436+42.40
 STA 454+00.00 TO STA 456+54.00

NOTES:
 SEE PLAN SHEETS FOR EXISTING SUPERELEVATION RATES AND TRANSITIONS

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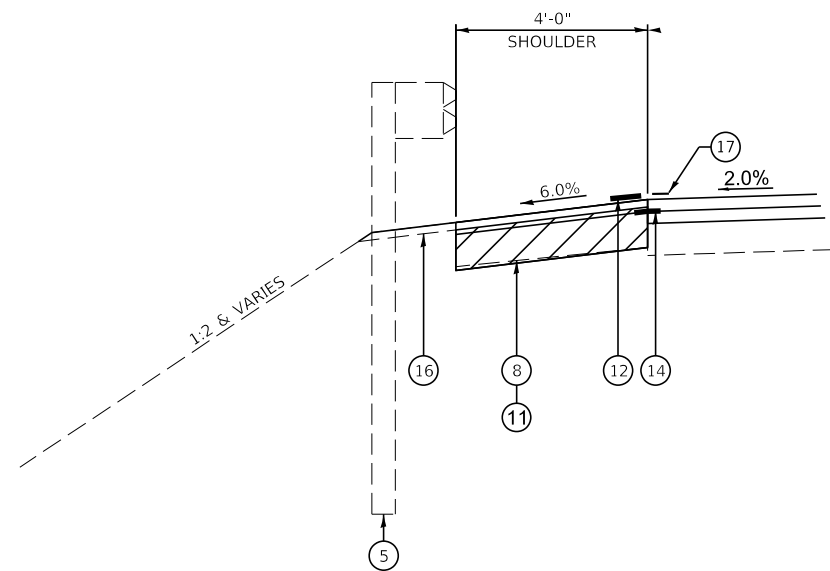
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

TYPICAL SECTIONS

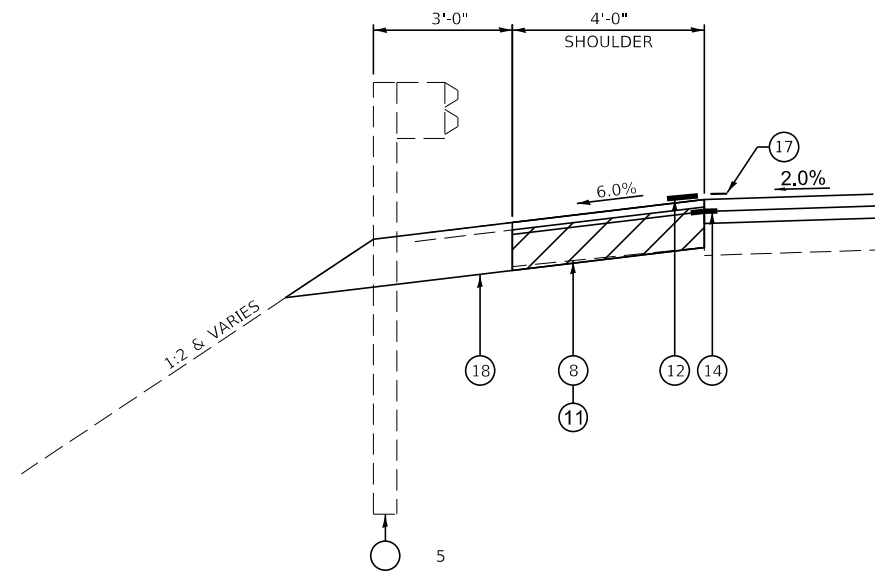
SCALE: SHEET OF SHEETS STA TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	12
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



SECTION AT
STEEL PLATE BEAM GUARDRAIL,
TYPE A, 9 FOOT POSTS

SEE SCHEDULE OF QUANTITIES FOR LOCATIONS



SECTION AT
GUARDRAIL AGGREGATE
EROSION CONTROL

SEE SCHEDULE OF QUANTITIES FOR LOCATIONS

LEGEND

EXISTING ITEMS

- ① EX HOT-MIX ASPHALT RESURFACING
- ② EX PORTLAND CEMENT CONCRETE PAVEMENT
- ③ EX AGGREGATE SHOULDERS
- ④ EX STRIPING
- ⑤ EX GUARDRAIL
- ⑥ EX COMBINATION CONCRETE CURB AND GUTTER

PROPOSED ITEMS

- ⑦ PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑧ PR EXCAVATING AND GRADING EXISTING SHOULDER
- ⑨ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 (1 1/2")
- ⑩ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70 (1 1/4")
- ⑪ PR HOT-MIX ASPHALT SHOULDERS, 8" (1 1/4" TOP + 6 3/4" BOTTOM)
- ⑫ PR SHOULDER RUMBLE STRIPS, 8 INCH
- ⑬ PR PAINT PAVEMENT MARKING - LINE 4"
- ⑭ PR LONGITUDINAL JOINT SEALANT
- ⑮ PR CENTER LINE - RUMBLE STRIP - 8"
- ⑯ PR EMBANKMENT FROM EXCAVATING AND GRADING EXISTING SHOULDER PER ARTICLE 202.06
- ⑰ PR PREFORMED PLASTIC PAVEMENT MARKING - TYPE D - LINE 4" W/ GROOVING FOR RECESSED PAVEMENT MARKING 5"
- ⑱ PR GUARDRAIL AGGREGATE EROSION CONTROL (8")

MODEL: Default
FILE NAME: 22-00024-04-SP-1-1-2024.dgn



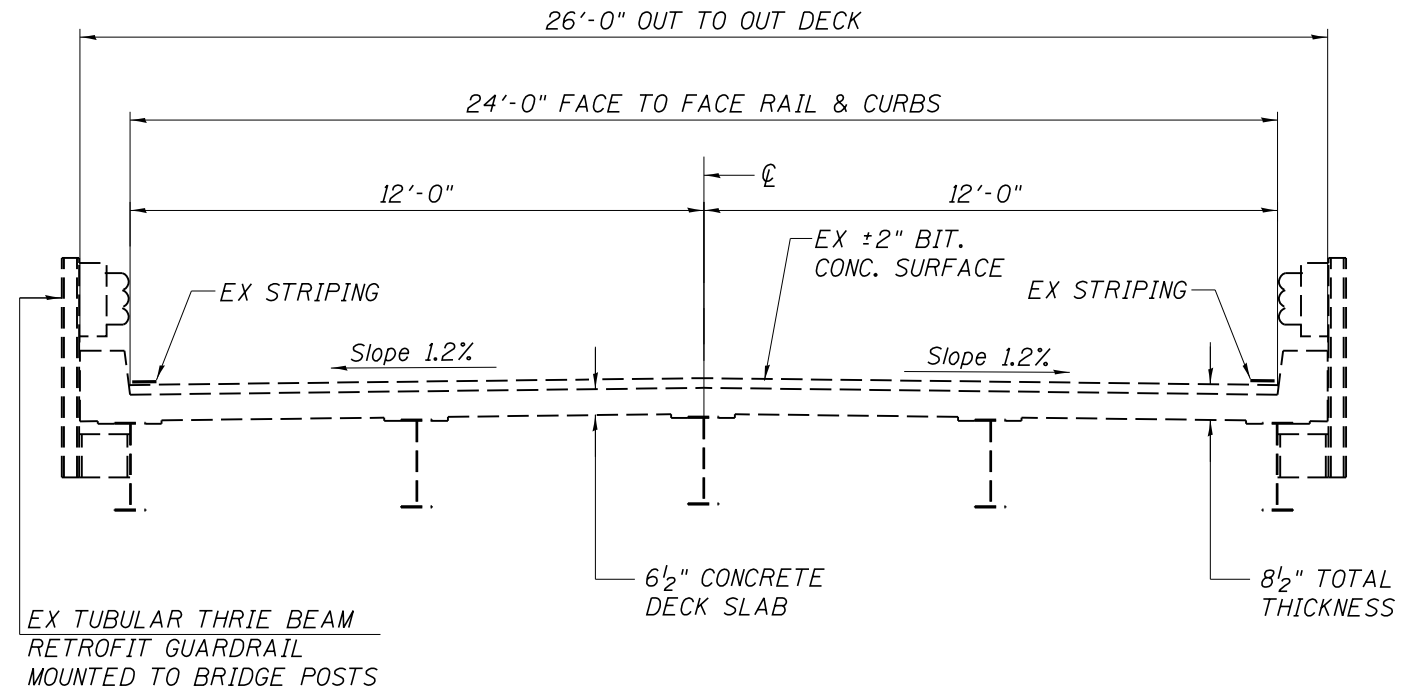
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PLOT DATE = 12/13/2024	DATE - 3/8/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

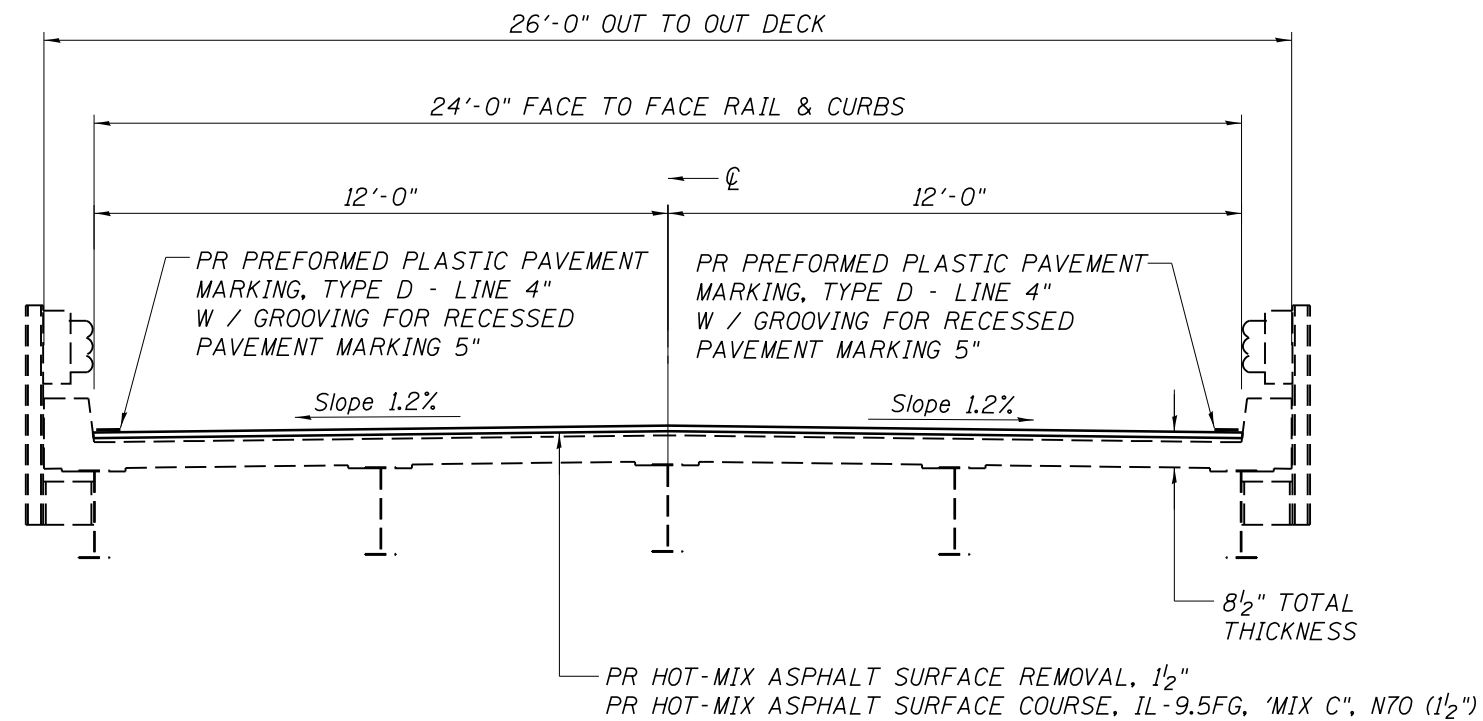
TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	13
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



TYPICAL EXISTING BRIDGE CROSS SECTION



TYPICAL PROPOSED BRIDGE CROSS SECTION

NOTE:
OMIT CENTERLINE RUMBLE STRIPS ON SN 042-3007

MODEL: Default
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PLOT DATE = 12/13/2024	DATE - 3/8/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	14
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

TREE REMOVAL, ACRES	
LOCATION	ACRE
RT STA 394+61.00 TO STA 394+90.00	0.012
TOTAL	0.012
USE	0.02

TEMPORARY FENCE	
LOCATION	FOOT
LT STA 316+25.00 TO STA 319+35.00	311
LT STA 324+00.00 TO STA 324+65.00	65
LT STA 393+50.00 TO STA 394+05.30	73
TOTAL	449

EARTHWORK				
LOCATION	EARTH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
MAINLINE				
STA 261+53.00 TO STA 456+54.00	730	625	1,510	-885
CHANNEL EXCAVATION				
STA 394+36.69	44			
TOTAL	730	625		-885

SHRINKAGE FACTOR = SHOULDER EXCAVATION 15%

TRENCH BACKFILL	
LOCATION	CU YD
RT STA 413+55.82 TO STA 413+97.65 YATES RD	10.9
TOTAL	10.9
USE	11

GRADING AND SHAPING DITCHES	
LOCATION	FOOT
LT STA 390+18.00 TO STA 390+66.00	50
LT STA 390+71.00 TO STA 390+81.00	32
LT STA 390+76.00 TO STA 391+24.00	50
LT STA 394+45.00 TO STA 394+94.00	50
LT STA 395+32.00 TO STA 395+82.00	50
LT STA 412+98.00 TO STA 413+46.00	48
LT STA 435+50.00 TO STA 438+00.00	250
LT STA 441+51.00 TO STA 445+00.00	349
RT STA 315+00.00 TO STA 316+92.00	192
RT STA 346+70.00 TO STA 347+20.00	50
RT STA 389+50.00 TO STA 390+00.00	50
RT STA 390+27.00 TO STA 390+55.00	28
RT STA 393+82.00 TO STA 394+32.00	50
RT STA 394+61.00 TO STA 395+35.00	75
RT STA 412+58.00 TO STA 413+39.00	81
RT STA 414+11.00 TO STA 414+61.00	50
RT STA 440+65.00 TO STA 445+00.00	435
TOTAL	1,890

TEMPORARY EROSION CONTROL SEEDING	
LOCATION	POUND
LT STA 261+53.40 TO STA 282+94.70	9
LT STA 283+26.25 TO STA 296+21.00	7
LT STA 296+49.20 TO STA 298+90.00	1
LT STA 299+08.50 TO STA 307+60.00	4
LT STA 307+72.00 TO STA 309+87.20	1
LT STA 309+99.60 TO STA 323+72.30	8
LT STA 323+93.00 TO STA 330+37.00	2
LT STA 330+52.00 TO STA 335+87.00	3
LT STA 336+08.00 TO STA 339+42.74	2
LT STA 340+57.74 TO STA 341+49.00	3
LT STA 341+69.00 TO STA 364+14.00	27
LT STA 364+26.00 TO STA 368+05.00	2
LT STA 368+20.00 TO STA 375+92.30	8
LT STA 376+16.40 TO STA 379+24.00	2
LT STA 379+48.00 TO STA 381+70.30	1
LT STA 381+93.00 TO STA 384+20.00	1
LT STA 384+39.00 TO STA 384+60.43	0
LT STA 384+71.10 TO STA 388+35.40	3
LT STA 388+68.00 TO STA 395+04.40	14
LT STA 395+23.00 TO STA 400+03.00	7
LT STA 400+26.40 TO STA 409+68.00	8
LT STA 409+80.00 TO STA 412+71.30	4
LT STA 412+87.00 TO STA 417+48.00	7
LT STA 417+67.00 TO STA 428+95.00	14
LT STA 429+09.00 TO STA 429+81.20	1
LT STA 430+04.00 TO STA 433+99.00	3
LT STA 434+27.00 TO STA 434+98.00	1
LT STA 435+17.00 TO STA 439+38.00	15
LT STA 439+49.00 TO STA 441+21.00	2
LT STA 441+33.00 TO STA 448+17.00	23
LT STA 448+28.00 TO STA 454+71.00	4
LT STA 454+95.00 TO STA 456+54.00	1
RT STA 268+21.00 TO STA 282+25.00	3
RT STA 282+39.00 TO STA 283+37.20	1
RT STA 283+51.40 TO STA 288+70.30	5
RT STA 288+92.00 TO STA 289+15.00	0
RT STA 289+36.30 TO STA 295+50.00	3
RT STA 295+72.00 TO STA 305+20.00	3
RT STA 305+38.00 TO STA 306+66.00	2
RT STA 307+00.00 TO STA 310+19.00	3
RT STA 310+36.00 TO STA 317+04.00	24
RT STA 317+22.00 TO STA 336+00.00	18
RT STA 336+17.00 TO STA 339+42.74	5
RT STA 340+57.74 TO STA 343+92.00	10
RT STA 344+28.00 TO STA 346+39.00	1
RT STA 346+63.00 TO STA 354+49.00	7
RT STA 354+69.00 TO STA 356+20.00	2
RT STA 356+36.00 TO STA 359+64.00	3
RT STA 359+86.00 TO STA 361+73.00	4
RT STA 361+88.00 TO STA 368+04.00	5
RT STA 368+20.00 TO STA 370+51.00	4
RT STA 370+66.00 TO STA 372+70.30	1
RT STA 372+97.00 TO STA 384+64.00	8
RT STA 384+75.00 TO STA 386+06.00	1
RT STA 386+22.00 TO STA 390+07.00	5
RT STA 391+11.50 TO STA 409+35.00	20

TEMPORARY EROSION CONTROL SEEDING	
LOCATION	POUND
RT STA 409+58.00 TO STA 413+60.00	7
RT STA 413+93.00 TO STA 417+50.00	5
RT STA 417+71.00 TO STA 428+57.20	16
RT STA 428+78.40 TO STA 434+16.17	7
RT STA 434+36.00 TO STA 440+38.00	6
RT STA 440+58.00 TO STA 451+56.00	26
RT STA 451+77.00 TO STA 454+65.00	2
RT STA 455+08.30 TO STA 456+54.00	1
TOTAL	396

PERIMETER EROSION BARRIER	
LOCATION	FOOT
LT STA 288+37.10 TO STA 288+87.10	50
LT STA 293+00.00 TO STA 296+00.00	304
LT STA 306+43.60 TO STA 307+57.40	114
LT STA 307+74.20 TO STA 309+84.70	211
LT STA 310+01.70 TO STA 313+75.50	374
LT STA 317+19.90 TO STA 319+48.80	227
LT STA 336+11.50 TO STA 339+25.30	314
LT STA 345+68.30 TO STA 346+18.50	50
LT STA 358+51.10 TO STA 364+00.10	543
LT STA 369+49.80 TO STA 373+99.20	455
LT STA 390+15.70 TO STA 391+23.70	190
LT STA 392+50.40 TO STA 395+03.40	257
LT STA 395+23.70 TO STA 395+81.40	58
LT STA 448+30.00 TO STA 449+75.58	146
RT STA 313+98.10 TO STA 314+46.50	50
RT STA 317+22.80 TO STA 324+88.90	784
RT STA 345+94.90 TO STA 346+44.70	50
RT STA 369+50.20 TO STA 370+47.60	97
RT STA 370+70.30 TO STA 372+65.50	195
RT STA 373+02.20 TO STA 374+49.20	147
RT STA 393+82.30 TO STA 395+35.30	204
TOTAL	4,820

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PLOT DATE = 1/24/2025

DESIGNED - TSH
DRAWN - CGF
CHECKED - CGF
DATE - 1/24/2025

REVISED -
REVISED -
REVISED -
REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-0024-04-SP	JERSEY	102	15
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

LOCATION				AGGREGATE SURFACE COURSE, TYPE B	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING
STATION	TYPE	WIDTH	LENGTH	TON	SQ YD	SQ YD	POUND	TON
LT STA 283+10.40	AGG FE	31.7	6	1.8				
LT STA 296+35.10	AGG PE / MB	28.6	6	1.8				
LT STA 298+99.00	AGG CE	18.6	6	1.2				
LT STA 307+65.40	AGG FE	12.6	6	0.9				
LT STA 309+96.40	AGG FE	12.4	6	0.9				
LT STA 323+82.60	HMA PE	20.6	6		17.7		8.0	1.2
LT STA 330+44.10	CONC PE	15.4	6			14.2	6.4	1.0
LT STA 336+00.00	AGG PE	21.4	6	1.3				
LT STA 341+59.00	AGG FE	19.6	6	1.2				
LT STA 364+19.90	AGG PE	12.1	6	0.9				
LT STA 368+12.30	AGG PE	15.0	6	1.0				
LT STA 376+04.40	AGG FE	24.1	6	1.4				
LT STA 379+35.60	AGG PE	24.3	6	1.4				
LT STA 381+81.60	AGG PE	22.5	6	1.4				
LT STA 384+29.30	AGG PE	19.3	6	1.2				
LT STA 384+65.80	AGG PE	10.6	6	0.8				
LT STA 388+51.60	HMA SIDEROAD	32.3	15		77.0		34.7	5.4
LT STA 395+13.50	AGG FE	18.3	22	2.9				
LT STA 400+15.60	HMA PE	23.7	6		19.8		8.9	1.4
LT STA 409+74.10	AGG FE	12.5	6	0.9				
LT STA 412+79.20	AGG FE	15.6	22	2.5				
LT STA 417+57.50	AGG FE	18.9	6	1.2				
LT STA 429+02.10	AGG PE	13.8	6	0.9				
LT STA 429+92.40	AGG PE	22.3	6	1.3				
LT STA 434+13.00	AGG FE	26.8	6	1.6				
LT STA 435+07.40	AGG PE	17.9	6	1.1				
LT STA 439+43.30	AGG PE	10.5	6	0.6				
LT STA 441+26.90	AGG PE	12.2	6	0.9				
LT STA 448+22.20	AGG FE	11.3	6	0.8				
LT STA 454+82.70	AGG PE	22.7	6	1.4				
RT STA 268+08.30	AGG FE	24.6	6	1.4				
RT STA 282+32.20	AGG CE	14.1	6	1.0				
RT STA 283+44.30	AGG PE	14.1	6	1.0				
RT STA 288+81.10	AGG FE	21.5	6	1.3				
RT STA 289+25.80	AGG PE	21.0	6	1.3				
RT STA 295+61.20	AGG PE	21.5	6	1.3				
RT STA 305+29.20	AGG PE	17.8	6	1.1				
RT STA 306+83.00	AGG PE	33.6	6	1.9				
RT STA 310+27.30	AGG FE	17.2	6	1.1				
RT STA 317+13.00	AGG FE	17.8	6	1.1				
RT STA 336+08.50	AGG FE	17.3	6	1.1				
RT STA 344+09.80	HMA SIDEROAD	35.8	15		82.9		37.3	5.8
RT STA 346+50.90	AGG PE	24.7	6	1.5				
RT STA 354+59.20	AGG PE	20.0	6	1.2				
RT STA 356+28.00	AGG PE	16.8	6	1.1				
RT STA 359+75.10	AGG PE	21.8	6	1.3				
RT STA 361+80.40	AGG FE	14.8	6	1.0				
RT STA 368+11.70	AGG PE	16.3	6	1.1				

LOCATION				AGGREGATE SURFACE COURSE, TYPE B	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING
STATION	TYPE	WIDTH	LENGTH	TON	SQ YD	SQ YD	POUND	TON
RT STA 370+58.20	AGG PE	14.5	6	1.0				
RT STA 372+83.80	AGG PE	26.9	6	1.6				
RT STA 384+69.40	AGG FE	11.5	6	0.8				
RT STA 386+13.90	AGG PE	15.2	6	1.0				
RT STA 390+13.00	AGG FE	12.2	20	2.2				
RT STA 391+01.90	AGG PE	19.0	6	1.2				
RT STA 409+46.40	AGG FE	22.3	6	1.3				
RT STA 413+76.60	HMA SIDEROAD	33.4	15		78.8		35.5	22.1
RT STA 417+60.20	AGG FE	21.6	6	1.3				
RT STA 428+67.80	AGG FE	21.2	6	1.3				
RT STA 434+25.90	HMA SIDEROAD	19.9	15		56.2		25.3	3.9
RT STA 440+47.80	AGG PE	20.4	6	1.3				
RT STA 451+66.80	AGG FE	21.0	6	1.3				
RT STA 454+88.90	HMA SIDEROAD	43.9	15		96.1		43.2	6.7
TOTAL				68.2	428.4	14.2	199.2	47.5
USE				68	429*	14	199	48

INLET AND PIPE PROTECTION

LOCATION	EACH
LT STA 395+29.70	1
LT STA 412+95.70	1
RT STA 346+68.60	1
RT STA 390+00.20	1
RT STA 414+11.20	1
TOTAL	5

TEMPORARY RAMP

LOCATION	WIDTH FOOT	LENGTH FOOT	SQ YD
AFTER HMA SURFACE REMOVAL, 1 1/2"			
LT STA 268+16.00 TO STA 268+21.00	11	5	6.11
RT STA 268+16.00 TO STA 268+21.00	11	5	6.11
LT STA 456+49.00 TO STA 456+54.00	20.1 TO 21.8	5	11.64
RT STA 456+49.00 TO STA 456+54.00	13	5	3.67
AFTER HMA BINDER COURSE, 1 1/2"			
STA 339+37.74 TO STA 339+42.74	22	5	12.22
STA 340+57.74 TO STA 340+62.74	22	5	12.22
TOTAL			51.97
USE			52

PAVEMENT REMOVAL

LOCATION	SQ YD
STA 394+22.52 TO STA 394+50.99	69.59
TOTAL	69.59
USE	70

CLASS D PATCHES, TYPE IV, 7 INCH

LOCATION	SQ YD
STA 394+22.52 TO STA 394+50.99	69.59
TOTAL	69.59
USE	70

MODEL: Default
FILE NAME: 12/23/2024_1_Jervey_South_CH_9/CLASS D Patches.dgn



JOB = 2698.1
FILE NAME = 2698.1-ehs-schedules.dgn
PLOT SCALE = 2.0000 1/In.
PLOT DATE = 12/13/2024

DESIGNED - TSH
DRAWN - CGF
CHECKED - CGF
DATE - 9/23/2024

REVISED -
REVISED -
REVISED -
REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	16
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

LOCATION	WIDTH	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE
STA 268+16.00 TO STA 268+46.00	22	49.50	73.33	73.33	6.16	5.13	30	5.13
STA 268+46.00 TO STA 339+12.00	22	11,658.90	17,272.44		1,450.89	1,209.07	7,066	1,209.07
STA 339+12.00 TO STA 339+42.00	22	49.50	73.33		4.62	5.13	30	5.13
STA 339+42.00 TO STA 340+58.00	22	638.00	283.56			19.85	116	19.85
STA 340+58.00 TO STA 340+88.00	22	49.50	73.33		4.62	5.13	30	5.13
STA 340+88.00 TO STA 455+75.90	22	18,955.04	28,081.53		2,358.85	1,965.71	11,488	1,965.71
STA 455+75.90 TO STA 456+24.00	22 TO 26.9	88.20	130.67		10.98	9.15	48	9.15
STA 456+24.00 TO STA 456+54.00	26.9 TO 34.9	69.53	103.00	103.00	8.65	7.21	30	7.21
TOTAL		31,558.16	46,091.21	176.33	3,844.76	3,226.38	18,838	3,226.38
USE		*31,559	46,092	**177	3,845	3,227	*18,838	*3,227

* SEE SHOULDER SCHEDULE FOR ADDITIONAL QUANTITY
 ** SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

SHOULDER SCHEDULE

LOCATION	WIDTH	EXCAVATING AND GRADING EXISTING SHOULDER	BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT SHOULDERS, 8"	AGGREGATE SHOULDERS, TYPE B	MATERIAL TRANSFER DEVICE
LT STA 261+53.00 TO STA 337+94.00	4	76.41	1,528.20	7,641.00	3,396.00		26.41
LT STA 337+94.00 TO STA 339+42.74	4	1.49				30.12	
LT STA 340+57.74 TO STA 341+34.94	4	0.77				15.63	
LT STA 341+34.94 TO STA 388+24.43	4	46.89	937.90	4,689.49	2,084.22		16.21
LT STA 388+78.71 TO STA 456+54.00	4	67.75	1,355.06	6,775.29	3,011.24		23.42
RT STA 267+83.00 TO STA 337+73.00	4	69.90	1,398.00	6,990.00	3,106.67		24.16
RT STA 337+73.00 TO STA 339+42.74	4	1.70				34.37	
RT STA 340+57.74 TO STA 341+79.12	4	1.21				24.58	
RT STA 341+79.12 TO STA 343+81.10	4	2.02	40.40	201.98	89.77		0.70
RT STA 344+38.66 TO STA 413+49.01	4	69.10	1,382.07	6,910.35	3,071.27		23.89
RT STA 414+04.22 TO STA 434+05.30	4	20.01	400.22	2,001.08	889.37		6.92
RT STA 434+46.59 TO STA 454+54.16	4	20.08	401.51	2,007.57	892.25		6.94
RT STA 455+19.24 TO STA 456+54.00	4	1.35	26.95	134.76	59.89		0.47
TOTAL		378.69	7,470.30	37,351.52	16,600.68	104.70	129.12
USE		379	*7,470	*37,352	16,601	105	*130

*SEE PAVING SCHEDULE FOR ADDITIONAL QUANTITY

BOX CULVERT END SECTIONS, CULVERT NO. 1

LOCATION	EACH
LT STA 394+38.80 (ID C09-0032)	1
RT STA 394+33.50 (ID C09-0032)	1
TOTAL	2

PRECAST CONCRETE BOX CULVERTS 5' X 3'

LOCATION	FOOT
LT STA 394+38.80 TO RT STA 394+33.50 (ID C09-0032)	56
TOTAL	56

CONCRETE COLLAR

LOCATION	SIZE	CU YD
LT STA 275+29.00 (ID C09-0023)	30" CMP W/INSERTION CULVERT LINER 22"	0.47
LT STA 280+42.80 (ID C09-0024)	30" CMP W/INSERTION CULVERT LINER 28"	0.47
RT STA 346+28.80 (ID C09-0029)	18" CMP W/INSERTION CULVERT LINER 16"	0.29
RT STA 360+02.70 (ID C09-0030)	24" CMP W/INSERTION CULVERT LINER 22"	0.38
LT STA 390+71.10 (ID C09-0031)	27" CMP W/INSERTION CULVERT LINER 24"	0.45
RT STA 390+72.60 (ID C09-0031)	27" CMP W/INSERTION CULVERT LINER 24"	0.45
LT STA 412+53.82 (ID C09-0033)	18" CMP W/INSERTION CULVERT LINER 16"	0.29
RT STA 412+53.82 (ID C09-0033)	18" CMP W/INSERTION CULVERT LINER 16"	0.29
RT STA 434+16.24 (ID C09-0036)	36" CMP W/INSERTION CULVERT LINER 32"	0.59
TOTAL		3.68
USE		3.7

PIPE CULVERTS, CLASS D, TYPE 1 15"

LOCATION	FOOT
LT STA 394+97.80 TO STA 395+29.70 AGG FE	32
LT STA 412+61.50 TO STA 412+95.70 AGG FE	34
RT STA 413+41.50 TO STA 414+11.20 YATES RD	70
TOTAL	136

PIPE CULVERTS, CLASS D, TYPE 1 18"

LOCATION	FOOT
LT STA 412+53.80 TO STA 412+53.80 (ID C09-0033)	8
RT STA 346+20.80 TO STA 346+23.80 (ID C09-0029)	6
RT STA 346+28.80 TO STA 346+68.60 AGG PE	40
RT STA 390+00.20 TO STA 390+26.20 AGG FE	26
RT STA 412+53.90 TO STA 412+58.80 (ID C09-0033)	9
TOTAL	89

PIPE CULVERTS, CLASS D, TYPE 1 24"

LOCATION	FOOT
RT STA 360+02.70 TO STA 360+02.80 (ID C09-0030)	8
TOTAL	8

PIPE CULVERTS, CLASS D, TYPE 1 27"

LOCATION	FOOT
LT STA 390+70.90 TO STA 390+71.10 (ID C09-0031)	8
RT STA 390+72.60 TO STA 390+72.80 (ID C09-0031)	8
TOTAL	16

PIPE CULVERTS, CLASS D, TYPE 1 30"

LOCATION	FOOT
LT STA 275+29.00 TO STA 275+29.00 (ID C09-0023)	4
LT STA 280+42.80 TO STA 280+42.80 (ID C09-0024)	4
TOTAL	8

PIPE CULVERTS, CLASS D, TYPE 1 36"

LOCATION	FOOT
RT STA 433+90.30 TO STA 433+97.00 (ID C09-0036)	10
TOTAL	10

MODEL: Default
 FILE NAME: 12/2024/098.1 Jersey_South_CH 9/CADD/Sheet32688.L-ht-schedules.dgn



JOB = 2698.1
 FILE NAME = 2698.1-ht-schedules.dgn
 PLOT SCALE = 2.0000 1/in.
 PLOT DATE = 12/13/2024

DESIGNED - TSH
 DRAWN - CGF
 CHECKED - CGF
 DATE - 9/23/2024

REVISED -
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 REVISED -
 REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	17
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

PIPE CULVERT REMOVAL

LOCATION	SIZE	FOOT
LT STA 275+28.84 (ID C09-0023)	30" CMP W / INSERTION CULVERT LINER 22"	2
LT STA 280+42.62 (ID C09-0024)	30" CMP W / INSERTION CULVERT LINER 28"	2
RT STA 346+07.17 (ID C09-0029)	18" CMP W / INSERTION CULVERT LINER 16"	2
RT STA 346+28.80 TO STA 346+68.80	18" CMP	40
RT STA 360+02.61 (ID C09-0030)	24" CMP W / INSERTION CULVERT LINER 22"	4
RT STA 390+03.10 TO STA 390+27.00	15" CMP	24
LT STA 390+71.98 (ID C09-0031)	27" CMP W / INSERTION CULVERT LINER 24"	2
RT STA 390+71.98 (ID C09-0031)	27" CMP W / INSERTION CULVERT LINER 24"	2
LT STA 394+97.30 TO STA 395+28.50	15" CMP	32
LT STA 412+53.82 (ID C09-0033)	18" CMP W / INSERTION CULVERT LINER 16"	2
RT STA 412+53.82 (ID C09-0033)	18" CMP W / INSERTION CULVERT LINER 16"	5
LT STA 412+59.70 TO STA 412+99.80	15" CMP	40
RT STA 413+41.30 TO STA 414+11.10	15" CMP	70
RT STA 434+16.24 (ID C09-0036)	36" CMP W / INSERTION CULVERT LINER 32"	2
TOTAL		229

* Pipe Culvert Removal at liners includes both outer pipe with grout and internal plastic liner. Both pipes shall be cut flush at end to provide solid connection for concrete collar. Removal shall be verified in field and adjusted as directed by the Engineer with no additional compensation. Cost included with Pipe Culvert Removal.

PIPE CULVERTS TO BE CLEANED 18"

LOCATION	FOOT
STA 412+53.82 (ID C09-0033)	42
STA 426+96.35 (ID C09-0035)	55
TOTAL	97

PIPE CULVERTS TO BE CLEANED 27"

LOCATION	FOOT
STA 390+71.98 (ID C09-0031)	47
TOTAL	47

PIPE CULVERTS TO BE CLEANED 30"

LOCATION	FOOT
STA 275+28.84 (ID C09-0023)	45
TOTAL	45

PIPE CULVERTS TO BE CLEANED 36"

LOCATION	FOOT
STA 317+10.05 (NO ID)	65
TOTAL	65

SHOULDER RUMBLE STRIPS, 8 INCH

LOCATION	FOOT
LT STA 261+53.00 TO STA 339+46.68	7,793.68
LT STA 340+61.18 TO STA 388+24.43	4,763.25
LT STA 388+78.71 TO STA 456+54.00	6,775.29
RT STA 267+83.00 TO STA 339+37.94	7,154.94
RT STA 340+52.56 TO STA 343+81.00	328.44
RT STA 344+38.66 TO STA 413+49.01	6,910.35
RT STA 414+04.22 TO STA 434+05.30	2,001.08
RT STA 434+46.59 TO STA 454+54.13	2,007.54
RT STA 455+19.21 TO STA 456+54.00	134.79
TOTAL	37,869.36
USE	37,870

MODEL: Default
FILE NAME: 12/13/2024 12:30:08.1 Jersey_South_CH 9/CADD/Sheets/2698.1-ehs-schedules.dgn



JOB = 2698.1	DESIGNED - TSH	REVISED -
FILE NAME = 2698.1-ehs-schedules.dgn	DRAWN - CGF	REVISED -
PLOT SCALE = 2.0000 ' / 1 in.	CHECKED - CGF	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/23/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	18
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

GUARDRAIL SCHEDULE

LOCATION	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	GUARDRAIL BLOCKS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1
STATION	FOOT	EACH	EACH	FOOT	EACH	EACH	FOOT	EACH
LT STA 305+43.67 TO STA 307+35.06		16			2	4	191	
RT STA 305+52.68 TO STA 306+56.41					2	4	100	
LT STA 313+22.23 TO STA 315+14.13		16			2	4	192	
RT STA 312+62.31 TO STA 315+28.85		28			2	4	267	
LT STA 337+93.95 TO STA 339+42.74		17			1	4		1
LT STA 340+57.74 TO STA 341+34.94		5				4		
LT STA 341+85.45 TO STA 347+85.05					1			
RT STA 337+72.81 TO STA 341+34.94		51			1	4		1
RT STA 340+57.74 TO STA 341+79.11		12			1	4		
LT STA 359+10.96 TO STA 363+92.18		61			2	6	478	
LT STA 438+06.30 TO STA 439+34.27		14			1	4	129	
LT STA 439+53.23 TO STA 440+26.53		5				4	75	
RT STA 437+60.07 TO STA 439+76.60		20			2	4	217	
LT STA 449+19.59 TO STA 449+69.59			1		1			
LT STA 449+69.59 TO STA 451+69.59	200.0			230		4		
LT STA 451+69.59 TO STA 452+19.59			1		1			
RT STA 448+84.89 TO STA 449+34.89			1		1			
RT STA 449+34.89 TO STA 450+22.39	87.5			181		4		
RT STA 450+22.39 TO STA 450+72.39			1		1			
TOTAL	287.5	245	4	411	21	58	1,649	2

SHORT TERM PAVEMENT MARKING SCHEDULE

LOCATION	SHORT TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL	
	# APPS	FOOT	# APPS	SQ FT
CENTERLINE - YELLOW SKIP DASH				
STA 268+16.00 TO STA 339+42.74	3	2,138.02	1	237.56
STA 340+57.74 TO STA 456+54.00	3	3,478.88	1	386.54
TOTAL		5,616.90		624.10
USE		5,617		624

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCHEDULES OF QUANTITIES



JOB = 2698.1	DESIGNED - TSH	REVISED -
FILE NAME = 2698.1-ehs-schedules.dgn	DRAWN - CGF	REVISED -
PLOT SCALE = 2.0000 1/In.	CHECKED - CGF	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/23/2024	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	19
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: 12/13/2024 12:30:08.1 Jersey_South_CH 9(CADD)Schedules2698.Leh-Schedules.dgn

SIGN SCHEDULE

LOCATION	FACING	SIGN	SIGN DESIGNATION	SIGN SIZE		TELESCOPING STEEL SIGN SUPPORT
				INCH	SQ FT	
LT STA 261+61.00	SOUTH	SPEED LIMIT 30 MPH	R2-1	24x30	5.00	14
LT STA 262+00.00	SOUTH	STOP AHEAD (WITH ARROW)	W3-1S	30x30	6.25	14
LT STA 275+48.00	SOUTH	SPEED ZONE AHEAD	R2-5	24x30	5.00	14
LT STA 282+75.00	NORTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
LT STA 282+78.00	SOUTH	TOWN OF OTTERVILLE	I2-1	30X24	5.00	28
LT STA 311+79.00	NORTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
LT STA 326+02.00		CHEVRON	W1-8L	18x24	3.00	14
LT STA 326+02.00		CHEVRON	W1-8R	18x24	3.00	
LT STA 326+95.00		CHEVRON	W1-8L	18x24	3.00	14
LT STA 326+95.00		CHEVRON	W1-8R	18x24	3.00	
LT STA 328+15.00		CHEVRON	W1-8L	18x24	3.00	14
LT STA 328+15.00		CHEVRON	W1-8R	18x24	3.00	
LT STA 329+35.00		CHEVRON	W1-8L	18x24	3.00	14
LT STA 329+35.00		CHEVRON	W1-8R	18x24	3.00	
LT STA 330+55.00		CHEVRON	W1-8L	18x24	3.00	14
LT STA 330+55.00		CHEVRON	W1-8R	18x24	3.00	
LT STA 331+65.00		CHEVRON	W1-8L	18x24	3.00	14
LT STA 331+65.00		CHEVRON	W1-8R	18x24	3.00	
LT STA 332+85.00		CHEVRON	W1-8L	18x24	3.00	14
LT STA 332+85.00		CHEVRON	W1-8R	18x24	3.00	
LT STA 336+86.00	SOUTH	S CURVE	W1-4L	30x30	6.25	14
LT STA 336+86.00	SOUTH	ADVISORY SIGN (45 MPH)	W13-1	18x18	2.25	
LT STA 338+95.00	NORTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
LT STA 388+28.00	EAST	STOP	R1-1	30x30	6.25	14
	EAST	CROSS TRAFFIC DOES NOT STOP	W4-4P	24x12	2.00	
LT STA 407+97.00	NORTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
LT STA 441+50.00	SOUTH	COMBINATION CURVE & SIDEROAD SIGN	W1-10R	30x30	6.25	14
RT STA 277+00.00	SOUTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
RT STA 297+31.00	NORTH	SCHOOL BUS STOP AHEAD	S3-1	30x30	6.25	14
RT STA 310+10.00	SOUTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
RT STA 313+79.00	NORTH	S CURVE	W1-4L	30x30	6.25	14
RT STA 313+79.00	NORTH	ADVISORY SIGN (45 MPH)	W13-1	18x18	2.25	
RT STA 318+57.00		CHEVRON	W1-8L	18x24	3.00	14
RT STA 318+57.00		CHEVRON	W1-8R	18x24	3.00	
RT STA 319+77.00		CHEVRON	W1-8L	18x24	3.00	14
RT STA 319+77.00		CHEVRON	W1-8R	18x24	3.00	
RT STA 320+97.00		CHEVRON	W1-8L	18x24	3.00	14
RT STA 320+97.00		CHEVRON	W1-8R	18x24	3.00	
RT STA 322+17.00		CHEVRON	W1-8L	18x24	3.00	14
RT STA 322+17.00		CHEVRON	W1-8R	18x24	3.00	
RT STA 323+37.00		CHEVRON	W1-8L	18x24	3.00	14
RT STA 323+37.00		CHEVRON	W1-8R	18x24	3.00	
RT STA 338+95.00	SOUTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
RT STA 344+31.00	WEST	STOP	R1-1	30x30	6.25	14
RT STA 379+96.00	SOUTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
RT STA 397+50.00	SOUTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
RT STA 407+97.00	SOUTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
RT STA 414+00.00	WEST	STOP	R1-1	30x30	6.25	14

SIGN SCHEDULE

LOCATION	FACING	SIGN	SIGN DESIGNATION	SIGN SIZE		TELESCOPING STEEL SIGN SUPPORT
				INCH	SQ FT	
RT STA 424+00.00	NORTH	COMBINATION CURVE & SIDEROAD SIGN	W1-10L	30x30	6.25	14
RT STA 434+31.00	WEST	STOP	R1-1	30x30	6.25	14
RT STA 449+66.00	NORTH	STOP AHEAD (WITH ARROW)	W3-1S	30x30	6.25	14
RT STA 452+09.00	SOUTH	NO PASSING ZONE	W14-3	48x48x36	6.00	14
RT STA 455+00.00	WEST	STOP	R1-1	30x30	6.25	14

TOTAL					234.50	546
USE					235	546

CENTERLINE - RUMBLE STRIP - 8"

LOCATION	FOOT
STA 268+16.00 TO STA 339+42.74	7,126.74
STA 340+57.74 TO STA 343+59.80	302.06
STA 344+59.80 TO STA 388+01.60	4,341.80
STA 389+01.60 TO STA 413+26.60	2,425.00
STA 414+26.60 TO STA 433+75.90	1,949.30
STA 434+75.90 TO STA 454+38.90	1,963.00
STA 455+38.90 TO STA 456+54.00	115.10
TOTAL	18,223.00
USE	18,223

MODEL: Default
FILE: 2698.1 - 12/20/24 - 1 - Jersey_South_CH_9_CADD_Sheets.dgn



JOB = 2698.1	DESIGNED - TSH	REVISED -
FILE NAME = 2698.1-ehb-schedules.dgn	DRAWN - CGF	REVISED -
PLOT SCALE = 2.0000' / 1in.	CHECKED - CGF	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/23/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	20
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS

LOCATION	PAINT PAVEMENT MARKING - LINE 4"	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 4"	GROOVING FOR RECESSED PAVEMENT MARKING 5"
	FOOT	FOOT	FOOT
SOLID WHITE EDGE LINE			
LT STA 261+53.00 TO STA 388+24.43		12,671.43	12,671.43
LT STA 388+78.71 TO STA 456+54.00		6,775.29	6,775.29
RT STA 267+83.00 TO STA 343+81.00		7,598.00	7,598.00
RT STA 344+38.66 TO STA 413+49.01		6,910.35	6,910.35
RT STA 414+04.22 TO STA 434+05.30		2,001.08	2,001.08
RT STA 434+46.59 TO STA 454+54.16		2,007.57	2,007.57
RT STA 455+19.24 TO STA 456+54.00		134.76	134.76
SOLID YELLOW CENTERLINE			
LT STA 261+53.00 TO STA 277+00.00	1,547.00		
LT STA 297+31.00 TO STA 310+00.00	1,269.00		
LT STA 318+82.00 TO STA 338+95.00	2,013.00		
LT STA 354+00.00 TO STA 379+96.00	2,596.00		
LT STA 385+50.00 TO STA 397+50.00	1,200.00		
LT STA 402+00.00 TO STA 407+97.00	597.00		
LT STA 420+00.00 TO STA 452+09.00	3,209.00		
RT STA 282+75.00 TO STA 298+75.00	1,600.00		
RT STA 311+79.00 TO STA 332+85.00	2,106.00		
RT STA 338+95.00 TO STA 385+50.00	4,655.00		
RT STA 407+97.00 TO STA 456+54.00	4,857.00		
YELLOW SKIP-DASH			
CL STA 261+53.00 TO STA 277+00.00	386.75		
CL STA 277+00.00 TO STA 282+75.00	143.75		
CL STA 282+75.00 TO STA 297+31.00	364.00		
CL STA 298+75.00 TO STA 310+00.00	281.25		
CL STA 310+00.00 TO STA 311+79.00			
CL STA 311+79.00 TO STA 318+82.00	175.75		
CL STA 332+85.00 TO STA 338+95.00	152.50		
CL STA 338+95.00 TO STA 354+00.00	376.25		
CL STA 379+96.00 TO STA 385+50.00	138.50		
CL STA 385+50.00 TO STA 397+50.00	300.00		
CL STA 397+50.00 TO STA 402+00.00	112.50		
CL STA 402+00.00 TO STA 407+97.00	149.25		
CL STA 407+97.00 TO STA 420+00.00	300.75		
CL STA 452+09.00 TO STA 456+54.00	111.25		
TOTAL	28,641.50	38,098.48	38,098.48
USE	28,642	38,098	38,098

BOX CULVERT REMOVAL

LOCATION	SIZE	FOOT
STA 394+36.69 (ID C09-0032)	4'X3' RCB CULVERT W/EXTENSION	39
TOTAL		39

GRANULAR CULVERT BACKFILL

LOCATION	CU YD
STA 394+36.69 (ID C09-0032)	108
TOTAL	108

SEEDING, CLASS 2 (SPECIAL)

LOCATION	ACRE
LT STA 261+53.40 TO STA 282+94.70	0.09
LT STA 283+26.25 TO STA 296+21.00	0.07
LT STA 296+49.20 TO STA 298+90.00	0.01
LT STA 299+08.50 TO STA 307+60.00	0.04
LT STA 307+72.00 TO STA 309+87.20	0.01
LT STA 309+99.60 TO STA 323+72.30	0.08
LT STA 323+93.00 TO STA 330+37.00	0.02
LT STA 330+52.00 TO STA 335+87.00	0.03
LT STA 336+08.00 TO STA 339+42.74	0.02
LT STA 340+57.74 TO STA 341+49.00	0.03
LT STA 341+69.00 TO STA 364+14.00	0.27
LT STA 364+26.00 TO STA 368+05.00	0.02
LT STA 368+20.00 TO STA 375+92.30	0.08
LT STA 376+16.40 TO STA 379+24.00	0.02
LT STA 379+48.00 TO STA 381+70.30	0.01
LT STA 381+93.00 TO STA 384+20.00	0.01
LT STA 384+39.00 TO STA 384+60.43	0.00
LT STA 384+71.10 TO STA 388+35.40	0.03
LT STA 388+68.00 TO STA 395+04.40	0.14
LT STA 395+23.00 TO STA 400+03.00	0.07
LT STA 400+26.40 TO STA 409+68.00	0.08
LT STA 409+80.00 TO STA 412+71.30	0.04
LT STA 412+87.00 TO STA 417+48.00	0.07
LT STA 417+67.00 TO STA 428+95.00	0.14
LT STA 429+09.00 TO STA 429+81.20	0.01
LT STA 430+04.00 TO STA 433+99.00	0.03
LT STA 434+27.00 TO STA 434+98.00	0.01
LT STA 435+17.00 TO STA 439+38.00	0.15
LT STA 439+49.00 TO STA 441+21.00	0.02
LT STA 441+33.00 TO STA 448+17.00	0.23
LT STA 448+28.00 TO STA 454+71.00	0.04
LT STA 454+95.00 TO STA 456+54.00	0.01
RT STA 268+21.00 TO STA 282+25.00	0.03
RT STA 282+39.00 TO STA 283+37.20	0.01
RT STA 283+51.40 TO STA 288+70.30	0.05
RT STA 288+92.00 TO STA 289+15.00	0.00
RT STA 289+36.30 TO STA 295+50.00	0.03
RT STA 295+72.00 TO STA 305+20.00	0.03
RT STA 305+38.00 TO STA 306+66.00	0.02
RT STA 307+00.00 TO STA 310+19.00	0.03
RT STA 310+36.00 TO STA 317+04.00	0.24
RT STA 317+22.00 TO STA 336+00.00	0.18
RT STA 336+17.00 TO STA 339+42.74	0.05
RT STA 340+57.74 TO STA 343+92.00	0.10
RT STA 344+28.00 TO STA 346+39.00	0.01
RT STA 346+63.00 TO STA 354+49.00	0.07
RT STA 354+69.00 TO STA 356+20.00	0.02
RT STA 356+36.00 TO STA 359+64.00	0.03
RT STA 359+86.00 TO STA 361+73.00	0.04
RT STA 361+88.00 TO STA 368+04.00	0.05
RT STA 368+20.00 TO STA 370+51.00	0.04
RT STA 370+66.00 TO STA 372+70.30	0.01
RT STA 372+97.00 TO STA 384+64.00	0.08
RT STA 384+75.00 TO STA 386+06.00	0.01
RT STA 386+22.00 TO STA 390+07.00	0.05

SEEDING, CLASS 2 (SPECIAL)

LOCATION	ACRE
RT STA 391+11.50 TO STA 409+35.00	0.20
RT STA 409+58.00 TO STA 413+60.00	0.07
RT STA 413+93.00 TO STA 417+50.00	0.05
RT STA 417+71.00 TO STA 428+57.20	0.16
RT STA 428+78.40 TO STA 434+16.17	0.07
RT STA 434+36.00 TO STA 440+38.00	0.06
RT STA 440+58.00 TO STA 451+56.00	0.26
RT STA 451+77.00 TO STA 454+65.00	0.02
RT STA 455+08.30 TO STA 456+54.00	0.01
TOTAL	3.96
USE	4.00

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	21
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: 2698.1-22-00024-04-SP.dgn
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JOB = 2698.1
FILE NAME = 2698.1-22-00024-04-SP.dgn
PLOT SCALE = 2.0000' / in.
PLOT DATE = 1/24/2025

DESIGNED - TSH
DRAWN - CGF
CHECKED - CGF
DATE - 1/24/2025

REVISED -
REVISED -
REVISED -
REVISED -

STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

LOCATION	MIN. THICKNESS (IN)	TON
LT STA 275+28.84 (ID C09-0023)	16	8
LT STA 280+42.62 (ID C09-0024)	16	17
LT STA 288+62.40 (ID C09-0025)	16	7
RT STA 314+00.15 (ID C09-0028)	16	56
STA 339+38.23 TO STA 340+04.40 (SN 042-3007)	24	205
STA 340+05.03 TO STA 340+71.18 (SN 042-3007)	24	306
RT STA 346+07.17 (ID C09-0029)	16	5
RT STA 360+02.61 (ID C09-0030)	16	7
LT STA 390+71.98 (ID C09-0031)	16	16
RT STA 390+71.98 (ID C09-0031)	16	55
LT STA 394+36.69 (ID C09-0032)	16	30
RT STA 394+36.69 (ID C09-0032)	16	59
LT STA 412+53.82 (ID C09-0033)	16	6
RT STA 412+53.82 (ID C09-0033)	16	5
LT STA 421+17.11 (ID C09-0034)	16	7
RT STA 421+17.11 (ID C09-0034)	16	20
LT STA 426+96.35 (ID C09-0035)	16	7
RT STA 426+96.35 (ID C09-0035)	16	8
RT STA 434+16.24 (ID C09-0036)	16	43
STA 435+65.00 TO STA 438+65.00	16	214
TOTAL		1,080

MEMBRANE WATERPROOFING FOR BURIED STRUCTURES

LOCATION	SQ YD
STA 394+36.69 PRECAST 5'X3' (ID C09-0032)	53.33
TOTAL	53.33
USE	54

REMOVE SIGN COMPLETE

LOCATION	EACH
LT STA 275+48.00	1
LT STA 282+78.00	1
LT STA 311+79.00	1
LT STA 326+84.00	1
LT STA 327+32.00	1
LT STA 327+79.00	1
LT STA 328+27.00	1
LT STA 328+76.00	1
LT STA 329+24.00	1
LT STA 329+74.00	1
LT STA 330+20.00	1
LT STA 331+09.00	1
LT STA 331+61.00	1
LT STA 336+86.00	1
LT STA 338+95.00	1
LT STA 388+28.00	1
LT STA 407+97.00	1
LT STA 434+80.00	1
LT STA 441+50.00	1
RT STA 277+00.00	1
RT STA 297+31.00	1
RT STA 310+09.00	1
RT STA 313+79.00	1
RT STA 317+87.00	1
RT STA 318+34.00	1
RT STA 318+82.00	1
RT STA 319+22.00	1
RT STA 319+69.00	1
RT STA 320+14.00	1
RT STA 320+59.00	1
RT STA 321+03.00	1
RT STA 321+53.00	1
RT STA 322+03.00	1
RT STA 338+92.00	1
RT STA 344+31.00	1
RT STA 379+96.00	1
RT STA 397+50.00	1
RT STA 407+62.00	1
RT STA 414+00.00	1
RT STA 434+31.00	1
RT STA 449+66.00	1
RT STA 452+09.00	1
RT STA 455+00.00	1
TOTAL	43

GROUTED RIPRAP

LOCATION	LENGTH	AVERAGE WIDTH	THICKNESS	TON
	FOOT	FOOT	INCH	
LT STA 306+28.00 TO STA 306+52.00 (ID C09-0027)	24	4.2	16	7.54
LT STA 313+69.00 TO STA 314+04.00 (ID C09-0028)	35	1.4	16	3.67
LT STA 438+72.00 TO STA 438+98.00 (ID C09-0037)	26	7.8	16	14.98
LT STA 449+87.00 TO STA 450+06.00 (ID C09-0038)	19	4.2	16	5.97
RT STA 306+02.00 TO STA 306+22.00 (ID C09-0027)	20	2.8	16	4.19
RT STA 313+97.00 TO STA 314+33.00 (ID C09-0028)	36	2.3	16	6.03
RT STA 438+72.00 TO STA 438+98.00 (ID C09-0037)	26	3.9	16	7.49
RT STA 449+87.00 TO STA 450+06.00 (ID C09-0038)	19	4.5	16	6.37
TOTAL				56.25
USE				57

NOTE: AVERAGE WIDTH IS MEASUREMENT ALONG SLOPE BEHIND GUARDRAIL. SLOPE VARIES AT EACH LOCATION.

GUARDRAIL AGGREGATE EROSION CONTROL

LOCATION	WIDTH	THICKNESS	TON
	FOOT	INCH	
LT STA 305+42.00 TO STA 307+55.00	3	8	32.34
LT STA 313+19.00 TO STA 315+16.00	3	8	29.91
LT STA 345+00.00 TO STA 347+00.00	3	8	30.37
LT STA 438+06.00 TO STA 439+34.00	3	8	19.44
LT STA 439+52.00 TO STA 440+27.00	3	8	11.39
LT STA 449+19.00 TO STA 452+22.00	3	8	46.01
RT STA 305+42.00 TO STA 306+62.00	3	8	18.22
RT STA 307+03.00 TO STA 308+00.00	3	8	14.73
RT STA 312+58.00 TO STA 315+30.00	3	8	41.30
RT STA 437+60.00 TO STA 440+34.00	3	8	41.61
RT STA 448+84.00 TO STA 452+73.00	3	8	59.07
TOTAL			344.40
USE			345

MODEL: Default
FILE NAME: 12/23/2024_1_Jersey_South_CH 9/CADD/Sheets/2698_L-9h-schedules.dgn



JOB = 2698.1
FILE NAME = 2698.1-9h-schedules.dgn
PLOT SCALE = 2.0000 ' / in.
PLOT DATE = 12/13/2024

DESIGNED - TSH
DRAWN - CGF
CHECKED - CGF
DATE - 9/23/2024

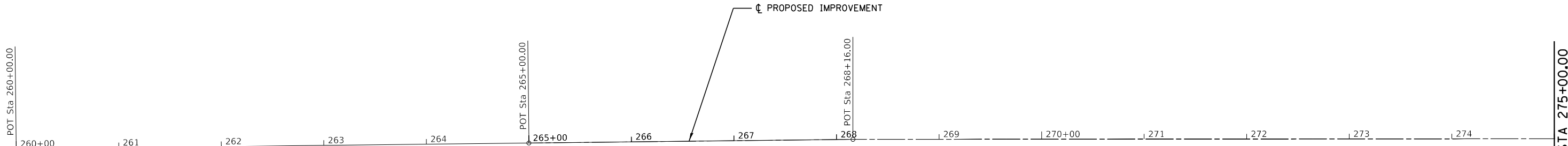
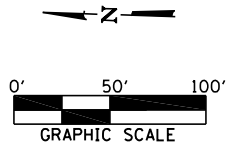
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REVISED -
REVISED -
REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

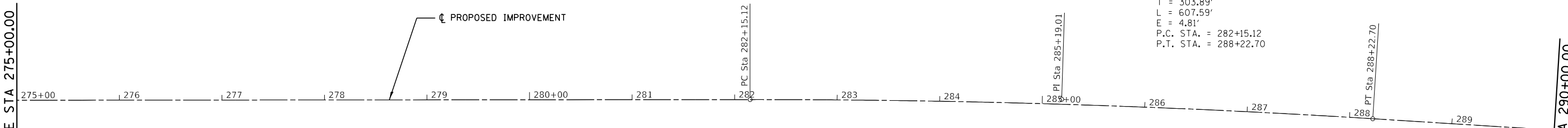
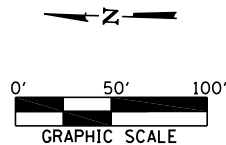
SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	22
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



CL PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T.	260+00.00	867773.3386	2230768.1962
P.O.T.	265+00.00	867273.3800	2230774.6300
P.O.T.	268+16.00	866957.4089	223078.6985



EXIST. CURVE CRV1
 PI STA. = 285+19.01
 $\Delta = 3^\circ 37' 38''$ (RT)
 $D = 0^\circ 35' 49''$
 $R = 9,597.62'$
 $T = 303.89'$
 $L = 607.59'$
 $E = 4.81'$
 P.C. STA. = 282+15.12
 P.T. STA. = 288+22.70

CL PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	282+15.12	865558.2974	2230781.9923
P.I.	285+19.01	865254.4033	2230782.7077
P.T.	288+22.70	864951.0728	2230764.1962

MODEL: Default
 FILE NAME: 22-0002-04-SP-098.1 - Jersey - South - CH 9 - CADD - Sheets 2698.1 - sht - REV - all.dgn



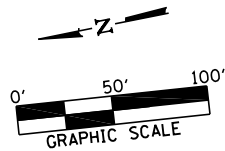
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PLOT SCALE = 100,0000 ' / in.	CHECKED - MER	REVISED -
PLOT DATE = 10/29/2024	DATE - 4/04/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS 265+00.00 TO STA. 290+00.00

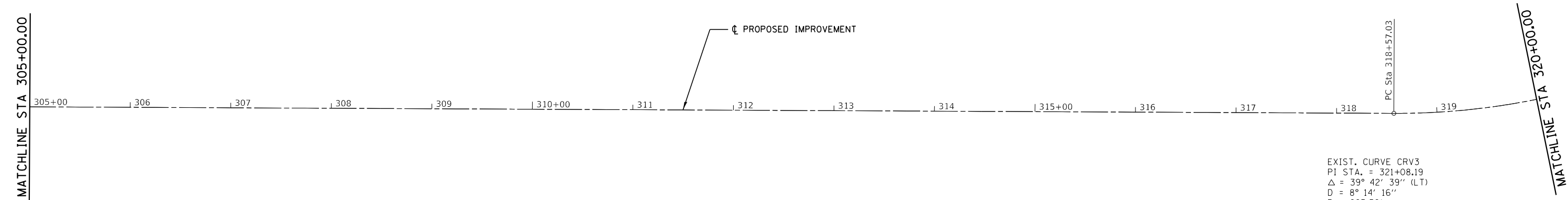
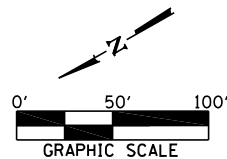
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	23
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CRV2
 PI STA. = 297+68.21
 $\Delta = 22^\circ 57' 34''$ (RT)
 $D = 3^\circ 23' 56''$
 $R = 1,685.68'$
 $T = 342.33'$
 $L = 675.48'$
 $E = 34.41'$
 $e = 0.058'/\text{FT}$
 P.C. STA. = 294+25.87
 P.T. STA. = 301+01.36
 ATTAINED STA 293+39.75 TO STA 294+89.75
 REMOVED STA 300+42.32 TO STA 301+92.32



CL PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	294+25.87	864349.0216	2230727.4545
P.I.	297+68.21	864007.3230	2230706.6015
P.T.	301+01.36	863700.8275	2230554.1111



CL PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	318+57.03	862128.9559	2229772.0590

EXIST. CURVE CRV3
 PI STA. = 321+08.19
 $\Delta = 39^\circ 42' 39''$ (LT)
 $D = 8^\circ 14' 16''$
 $R = 695.52'$
 $T = 251.16'$
 $L = 482.05'$
 $E = 43.96'$
 $e = 0.08'/\text{FT}$
 P.C. STA. = 318+57.03
 P.T. STA. = 323+39.08
 ATTAINED STA 317+24.87 TO STA 319+16.87
 REMOVED STA 322+96.65 TO STA 324+76.69

MODEL: Default
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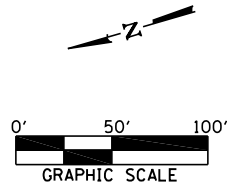
DESIGNED - CGF	REVISED -
DRAWN - CGF	REVISED -
CHECKED - MER	REVISED -
DATE - 4/04/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

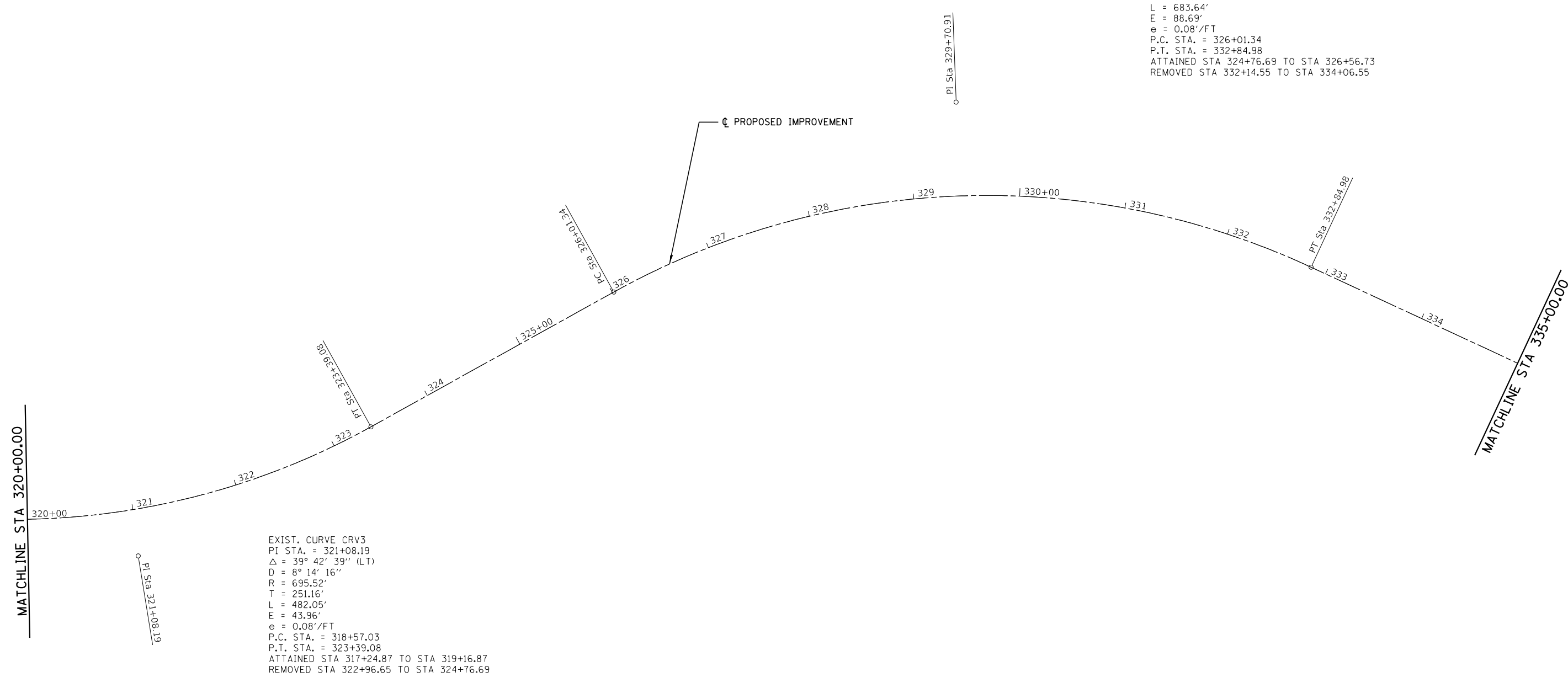
ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS 290+00.00 TO STA. 320+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	24
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CRV4
 PI STA. = 329+70.91
 Δ = 53° 58' 45" (RT)
 D = 7° 53' 45"
 R = 725.64'
 T = 369.57'
 L = 683.64'
 E = 88.69'
 e = 0.08'/FT
 P.C. STA. = 326+01.34
 P.T. STA. = 332+84.98
 ATTAINED STA 324+76.69 TO STA 326+56.73
 REMOVED STA 332+14.55 TO STA 334+06.55



EXIST. CURVE CRV3
 PI STA. = 321+08.19
 Δ = 39° 42' 39" (LT)
 D = 8° 14' 16"
 R = 695.52'
 T = 251.16'
 L = 482.05'
 E = 43.96'
 e = 0.08'/FT
 P.C. STA. = 318+57.03
 P.T. STA. = 323+39.08
 ATTAINED STA 317+24.87 TO STA 319+16.87
 REMOVED STA 322+96.65 TO STA 324+76.69

CL PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.I.	321+08.19	861904.0876	2229660.1804
P.T.	323+39.08	861659.6204	2229717.7858
P.C.	326+01.34	861404.3527	2229777.9362
P.I.	329+70.91	861044.6362	2229862.6986
P.T.	332+84.98	860764.5385	2229621.6056

MODEL: Default
 FILE NAME: 22-00024-04-SP-01-1-REV.dgn
 FILE NAME: 22-00024-04-SP-01-1-REV.dgn



JOB = 2698.1
 FILE NAME = 2698.1-sht-REV all.dgn
 PLOT SCALE = 100.0000 ' / in.
 PLOT DATE = 10/29/2024

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - MER
 DATE - 4/04/2024

REVISED -
 REVISED -
 REVISED -
 REVISED -

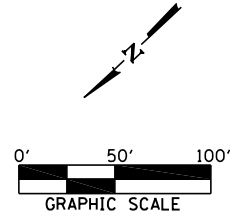
OTTERVILLE ROAD (CH 9) IMPROVEMENTS

ALIGNMENT, BENCHMARKS, AND CROSS TIES

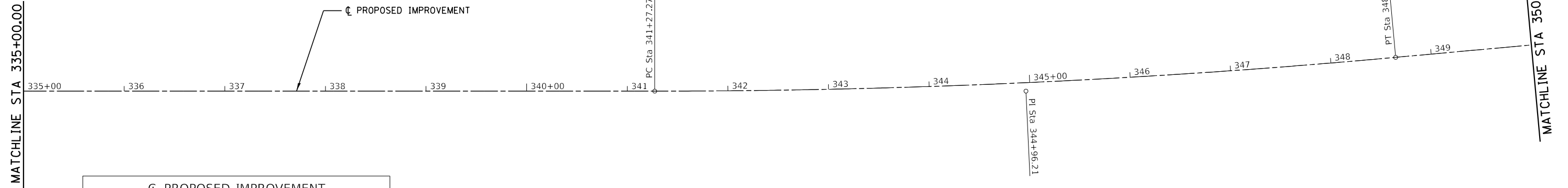
SCALE: SHEET OF SHEETS 265+00.00 TO STA. 335+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	25
CONTRACT NO. 97854				

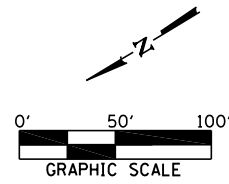
ILLINOIS FED. AID PROJECT



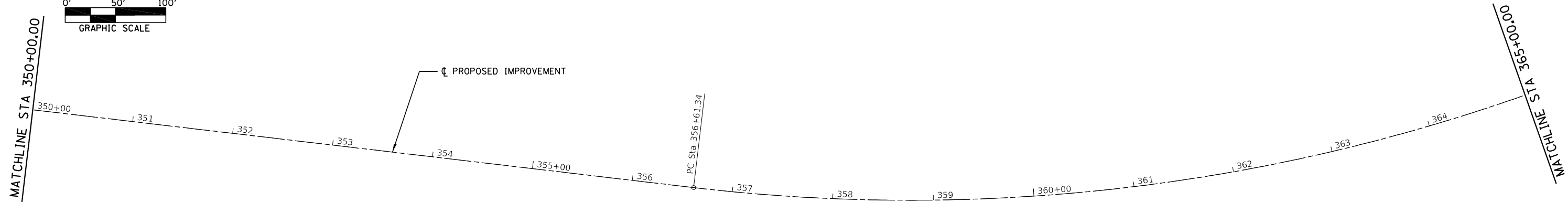
EXIST. CURVE CRV5
 PI STA. = 344+96.21
 Δ = 5° 13' 24" (LT)
 D = 0° 42' 30"
 R = 8,088.36'
 T = 368.94'
 L = 737.37'
 E = 8.41'
 e = 0.021'/FT
 P.C. STA. = 341+27.27
 P.T. STA. = 348+64.63
 ATTAINED STA 341+11.41 TO STA 342+61.41
 REMOVED STA 346+80.20 TO STA 348+30.20



☐ PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	341+27.27	860126.1662	2229072.1291
P.I.	344+96.21	859846.5448	2228831.4462
P.T.	348+64.63	859546.1732	2228617.2188



EXIST. CURVE CRV6
 PI STA. = 361+35.82
 Δ = 28° 54' 00" (LT)
 D = 3° 06' 42"
 R = 1,841.28'
 T = 474.47'
 L = 928.74'
 E = 60.15'
 e = 0.053'/FT
 P.C. STA. = 356+61.34
 P.T. STA. = 365+90.08
 ATTAINED STA 355+53.26 TO STA 357+03.26
 REMOVED STA 365+57.96 TO STA 366+97.96



☐ PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	356+61.34	858897.5328	2228154.6035
P.I.	361+35.82	858511.2422	2227879.0981

MODEL: Default
 FILE NAME: 22-0002-04-SP-1111-1111-REV.dgn
 MODEL: Default
 FILE NAME: 22-0002-04-SP-1111-1111-REV.dgn



JOB = 2698.1
 FILE NAME = 2698.1-sht-REV all.dgn
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 10/29/2024

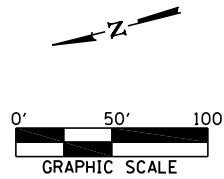
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DRAWN - CGF	REVISED -
CHECKED - MER	REVISED -
DATE - 4/04/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

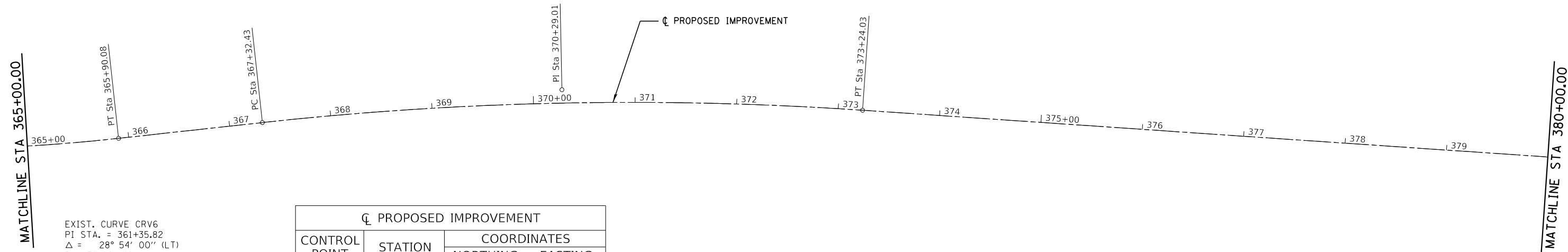
ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS 335+00.00 TO STA. 365+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	26
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

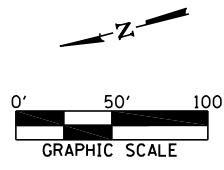


EXIST. CURVE CRV7
 PI STA. = 370+29.01
 $\Delta = 10^{\circ} 09' 19''$ (RT)
 $D = 1^{\circ} 43' 00''$
 $R = 3,337.81'$
 $T = 296.58'$
 $L = 591.60'$
 $E = 13.15'$
 $e = 0.038'/FT$
 P.C. STA. = 367+32.43
 P.T. STA. = 373+24.03
 ATTAINED STA 366+97.96 TO STA 368+21.12
 REMOVED STA 372+34.15 TO STA 373+84.15

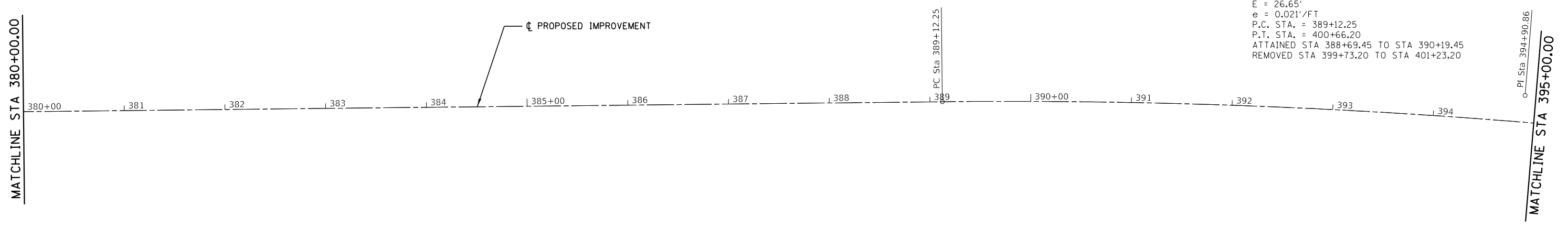


EXIST. CURVE CRV6
 PI STA. = 361+35.82
 $\Delta = 28^{\circ} 54' 00''$ (LT)
 $D = 3^{\circ} 06' 42''$
 $R = 1,841.28'$
 $T = 474.47'$
 $L = 928.74'$
 $E = 60.15'$
 $e = 0.053'/FT$
 P.C. STA. = 356+61.34
 P.T. STA. = 365+90.08
 ATTAINED STA 355+53.26 TO STA 357+03.26
 REMOVED STA 365+57.96 TO STA 366+97.96

☒ PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.T.	365+90.08	858039.9115	2227824.5900
P.C.	367+32.43	857898.5032	2227808.2365
P.I.	370+29.01	857603.8903	2227774.1653
P.T.	373+24.03	857319.9002	2227688.6832



EXIST. CURVE CRV8
 PI STA. = 394+90.86
 $\Delta = 10^{\circ} 32' 54''$ (RT)
 $D = 0^{\circ} 54' 51''$
 $R = 6,267.97'$
 $T = 578.61'$
 $L = 1,153.96'$
 $E = 26.65'$
 $e = 0.021'/FT$
 P.C. STA. = 389+12.25
 P.T. STA. = 400+66.20
 ATTAINED STA 388+69.45 TO STA 390+19.45
 REMOVED STA 399+73.20 TO STA 401+23.20



☒ PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	389+12.25	855799.0882	2227230.9136
P.I.	394+90.86	855245.0310	2227064.1404

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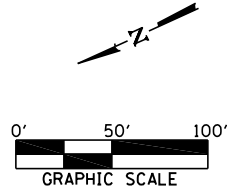
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FILE NAME = 2698.1-sht-REV all.dgn	DRAWN - CGF	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - MER	REVISED -
PLOT DATE = 10/29/2024	DATE - 4/04/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

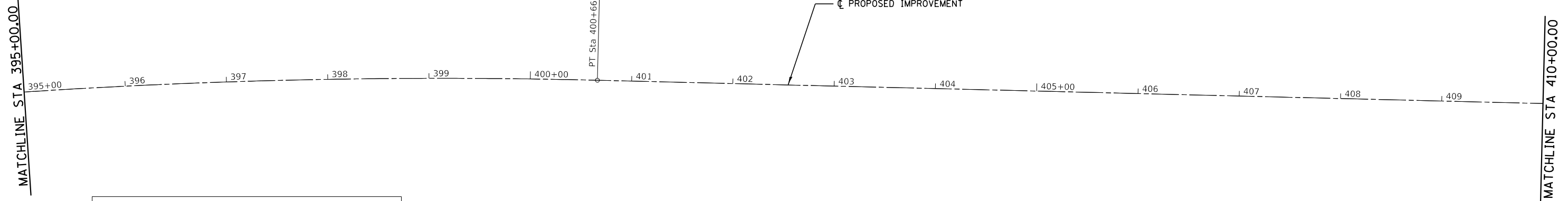
ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS 365+00.00 TO STA. 395+00.00

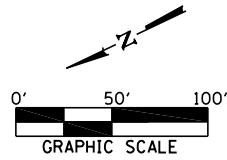
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	27
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



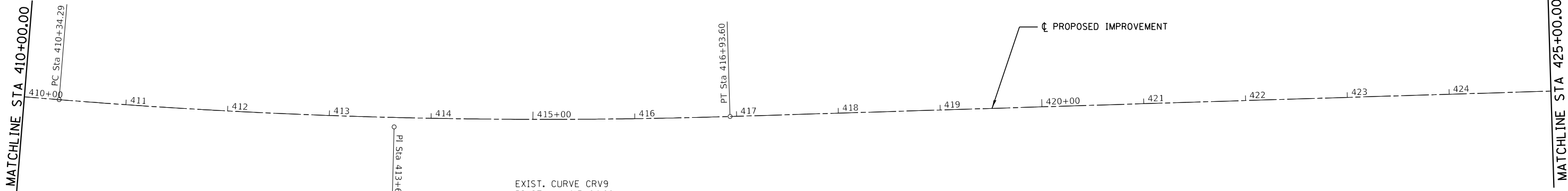
EXIST. CURVE CRV8
 PI STA. = 394+90.86
 $\Delta = 10^\circ 32' 54''$ (RT)
 $D = 0^\circ 54' 51''$
 $R = 6,267.97'$
 $T = 578.61'$
 $L = 1,153.96'$
 $E = 26.65'$
 $e = 0.021'/\text{FT}$
 P.C. STA. = 389+12.25
 P.T. STA. = 400+66.20
 ATTAINED STA 388+69.45 TO STA 390+19.45
 REMOVED STA 399+73.20 TO STA 401+23.20



☒ PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.T.	400+66.20	854730.8673	2226798.7569



EXIST. CURVE CRV9
 PI STA. = 413+64.29
 $\Delta = 6^\circ 25' 21''$ (LT)
 $D = 0^\circ 58' 27''$
 $R = 5,881.84'$
 $T = 330.00'$
 $L = 659.31'$
 $E = 9.25'$
 $e = 0.021'/\text{FT}$
 P.C. STA. = 410+34.29
 P.T. STA. = 416+93.60
 ATTAINED STA 409+52.21 TO STA 411+02.21
 REMOVED STA 416+48.04 TO STA 417+98.04



☒ PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	410+34.29	853870.6061	2226354.7366
P.I.	413+64.29	853577.3640	2226203.3809
P.T.	416+93.60	853269.0320	2226085.7764

MODEL: Default
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JOB = 2698.1
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 PLOT DATE = 12/13/2024

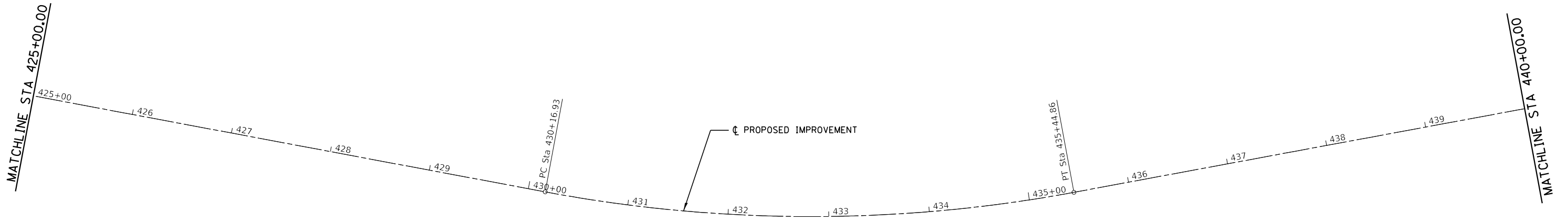
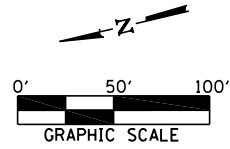
DESIGNED - CGF	REVISED -
DRAWN - CGF	REVISED -
CHECKED - MER	REVISED -
DATE - 4/04/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

ALIGNMENT, BENCHMARKS, AND CROSS TIES

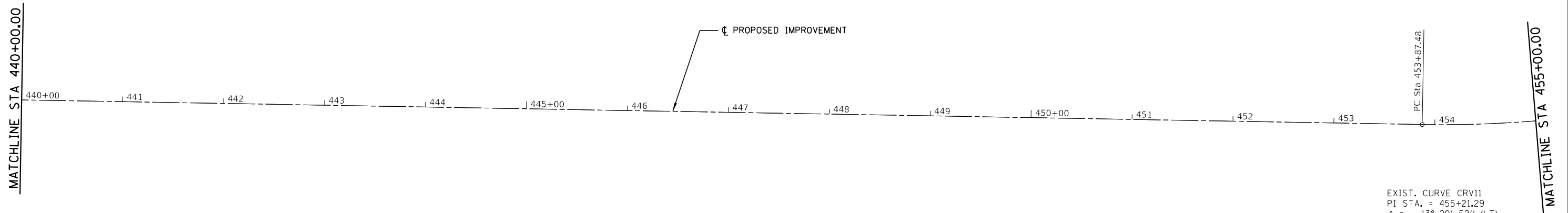
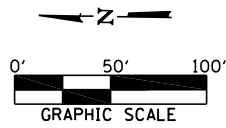
SCALE: SHEET OF SHEETS 395+00.00 TO STA. 425+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	28
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



CL PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	430+16.93	852032.5919	2225614.1715
P.I.	432+83.93	851783.1247	2225519.0193
P.T.	435+44.86	851516.1296	2225520.2083

EXIST. CURVE CRV10
 PI STA. = 432+83.93
 $\Delta = 21^\circ 07' 59''$ (LT)
 $D = 4^\circ 00' 11''$
 $R = 1,431.31'$
 $T = 267.00'$
 $L = 527.93'$
 $E = 24.69'$
 $e = 0.063'/FT$
 P.C. STA. = 430+16.93
 P.T. STA. = 435+44.86
 ATTAINED STA 429+15.54 TO STA 430+66.74
 REMOVED STA 434+91.20 TO STA 436+42.40



CL PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.C.	453+87.48	849673.5276	2225528.4138

EXIST. CURVE CRV11
 PI STA. = 455+21.29
 $\Delta = 13^\circ 29' 52''$ (LT)
 $D = 5^\circ 04' 01''$
 $R = 1,130.76'$
 $T = 133.81'$
 $L = 266.38'$
 $E = 7.89'$
 $e = 0.0525'/FT$
 P.C. STA. = 453+87.48
 P.T. STA. = 456+53.86
 RETAIN EXIST SE (PVMT CROSS
 SLOPE THROUGH CURVE #11 SHALL
 MATCH EXIST PVMT CROSS SLOPE)

MODEL: D:\draft\...
 FILE NAME: 22-00024-04-SP...



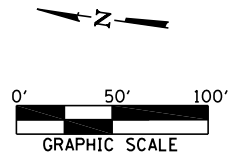
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FILE NAME = 2698.1-sht-REV all.dgn	DRAWN - CGF	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - MER	REVISED -
PLOT DATE = 10/29/2024	DATE - 4/04/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

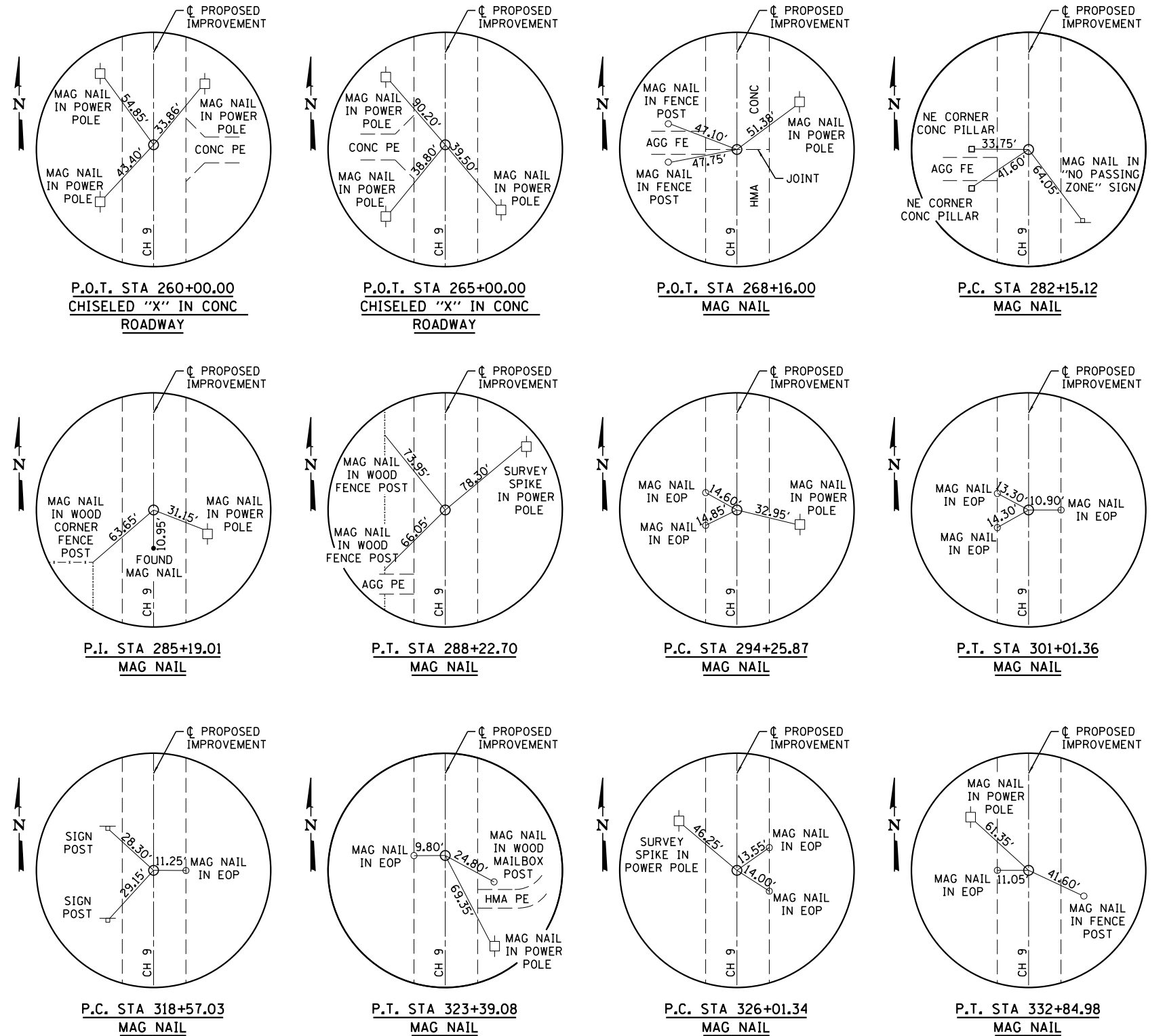
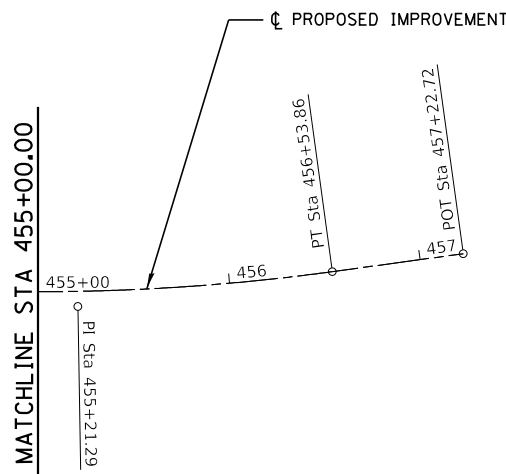
ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS 425+00.00 TO STA. 455+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	29
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CRV11
 PI STA. = 455+21.29
 $\Delta = 13^\circ 29' 52''$ (LT)
 $D = 5^\circ 04' 01''$
 $R = 1,130.76'$
 $T = 133.81'$
 $L = 266.38'$
 $E = 7.89'$
 $e = 0.0525'/\text{FT}$
 P.C. STA. = 453+87.48
 P.T. STA. = 456+53.86
 RETAIN EXIST SE (PVT CROSS
 SLOPE THROUGH CURVE *11 SHALL
 MATCH EXIST PVT CROSS SLOPE)



CL PROPOSED IMPROVEMENT			
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.I.	455+21.29	849539.7170	2225529.0097
P.T.	456+53.86	849409.7414	2225560.8215
P.O.T.	457+22.72	849342.8533	2225577.1926

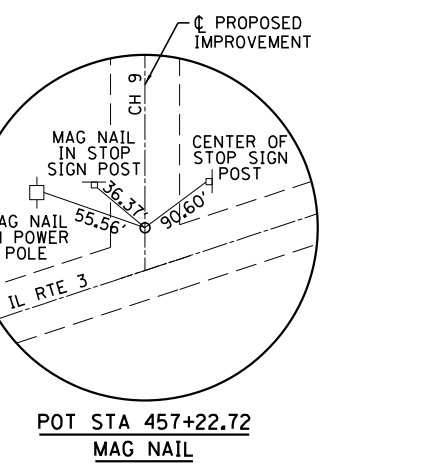
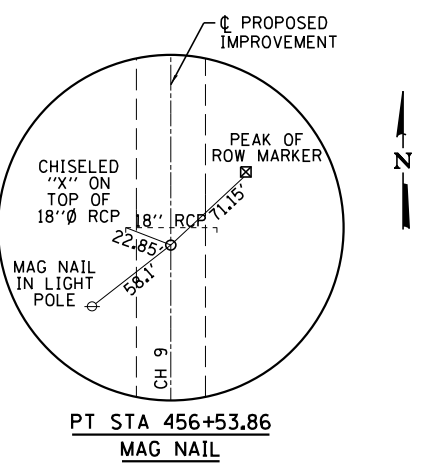
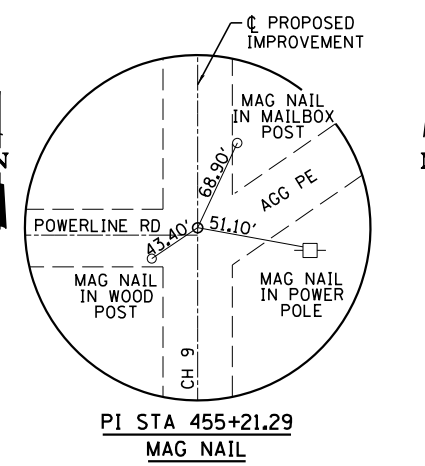
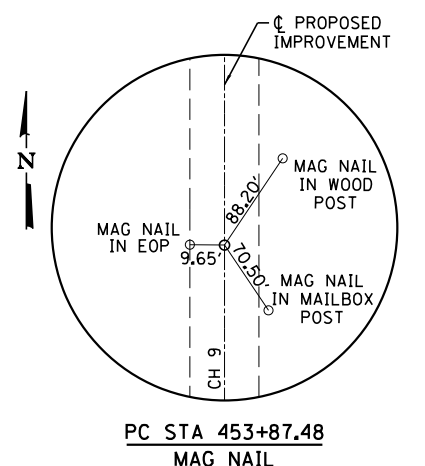
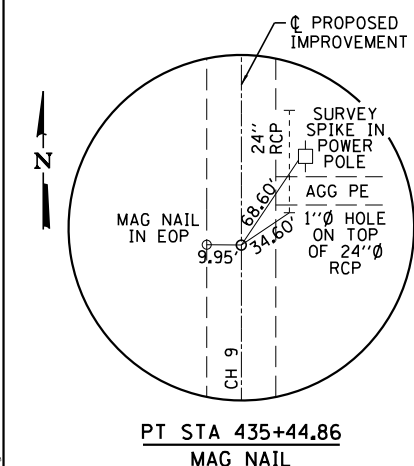
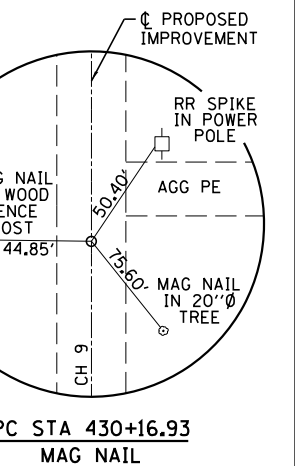
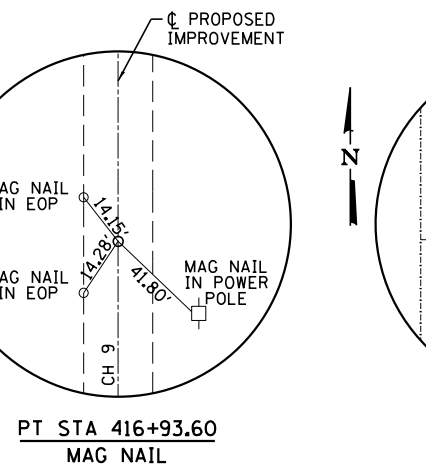
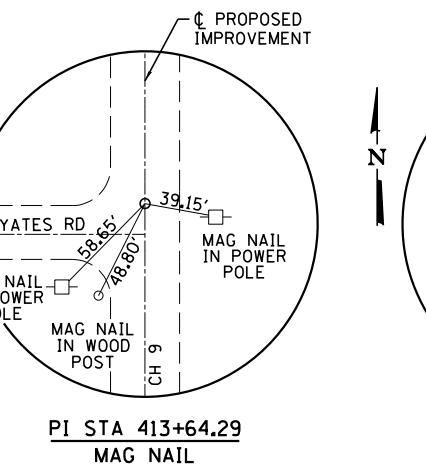
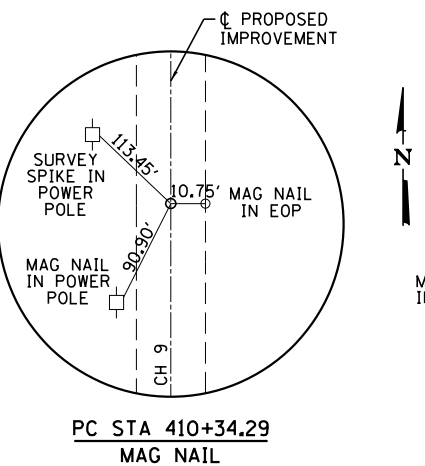
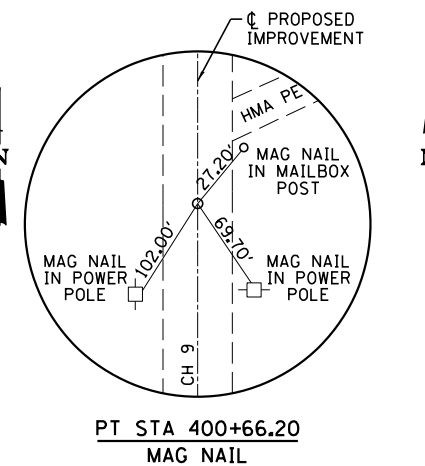
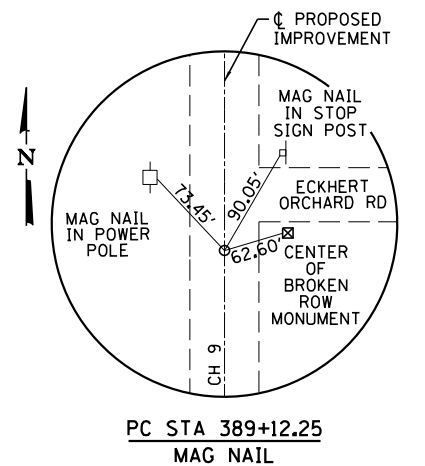
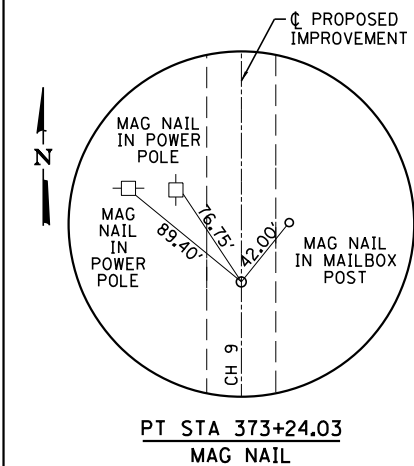
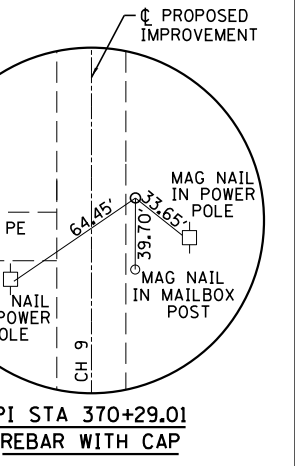
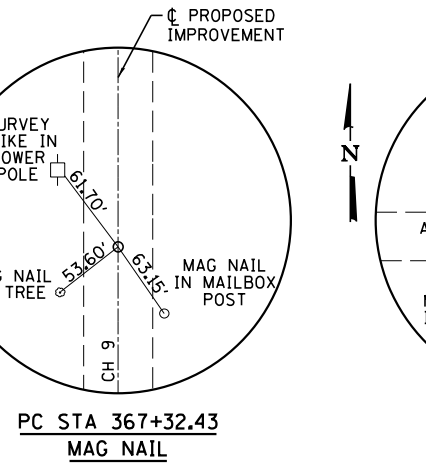
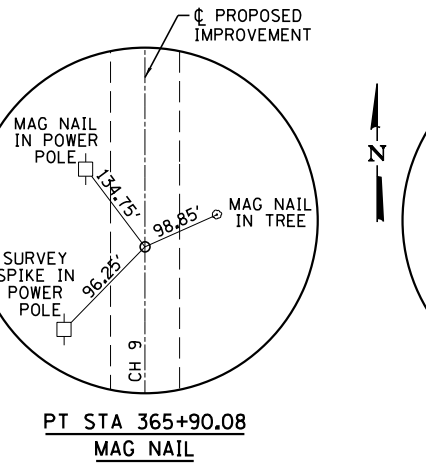
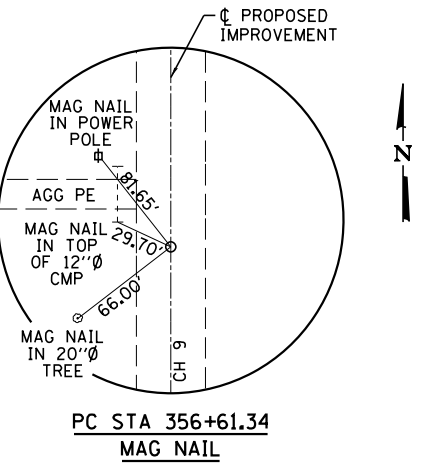
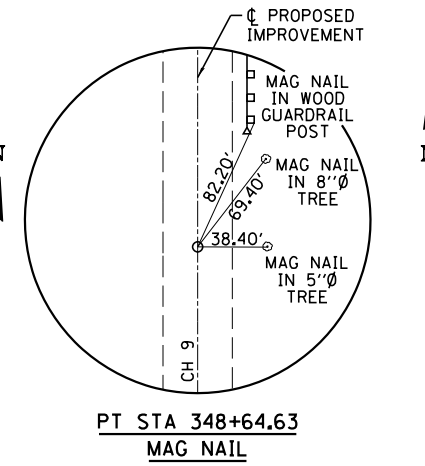
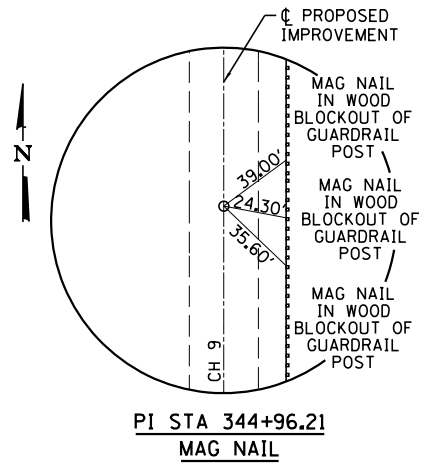
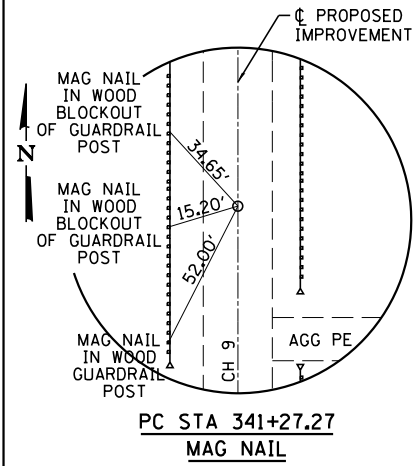
OTTERVILLE ROAD (CH 9) IMPROVEMENTS

ALIGNMENT, BENCHMARKS, AND CROSS TIES

SCALE: SHEET OF SHEETS 455+00.00 TO STA. 457+22.72

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	30
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE NAME: 1023098.1 - Jersey_South_CH 9(CADD)Sheet13(688).L-CH-REV-all.dgn



- BM#32 - MAG NAIL IN 15"Ø CMP STA 251+08.1, 22.6' LT ELEV = 610.22
- BM#33 - SPIKE NAIL IN POWER POLE STA 262+58.8, 33.6' RT ELEV = 624.76
- BM#34 - SPIKE NAIL IN POWER POLE STA 275+42.8, 33.1' LT ELEV = 611.26

- BM#35 - SPIKE NAIL IN POWER POLE STA 287+54.0, 36.8' LT ELEV = 598.71
- BM#36 - SPIKE NAIL IN 15"Ø TREE STA 300+38.5, 36.6' RT ELEV = 587.64
- BM#37 - SPIKE NAIL IN POWER POLE STA 317+03.7, 40.2' LT ELEV = 531.93

- BM#38 - SPIKE NAIL IN POWER POLE STA 325+77.5, 39.5' RT ELEV = 540.69
- BM#39 - CHISELED "X" ON SW WINGWALL STA 340+51.9, 14.9' RT ELEV = 533.87
- BM#40 - MAG NAIL IN 8"Ø TREE STA 349+99.2, 36.8' LT ELEV = 589.52

- BM#41 - SPIKE NAIL IN POWER POLE STA 362+03.9, 29.4' RT ELEV = 627.86
- BM#42 - SPIKE NAIL IN POWER POLE STA 366+80.3, 33.1' RT ELEV = 651.21
- BM#43 - SPIKE NAIL IN POWER POLE STA 375+25.5, 34.4' RT ELEV = 652.54

- BM#44 - SPIKE NAIL IN POWER POLE STA 386+37.3, 36.9' RT ELEV = 674.73
- BM#45 - SPIKE NAIL IN POWER POLE STA 397+55.6, 40.4' RT ELEV = 669.80
- BM#46 - SPIKE NAIL IN POWER POLE STA 409+26.8, 35.6' RT ELEV = 691.88

- BM#47 - SPIKE NAIL IN POWER POLE STA 423+58.7, 40.3' LT ELEV = 696.17
- BM#48 - SPIKE NAIL IN POWER POLE STA 434+88.4, 40.1' LT ELEV = 672.92
- BM#49 - MAG NAIL IN END OF GUARDRAIL POST STA 448+88.4, 16.1' RT ELEV = 676.34

MODEL: Default
FILE NAME: 220908.1 - Jersey_South_CH 9(CADD)Sheet32698.L-PLT-REV-all.dgn

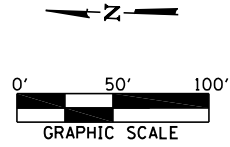


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PLOT SCALE = 100,0000' / in.	CHECKED - MER	REVISED -
PLOT DATE = 10/29/2024	DATE - 10/03/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

ALIGNMENT, BENCHMARKS, AND CROSS TIES			
SCALE:	SHEET	OF	SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	31
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



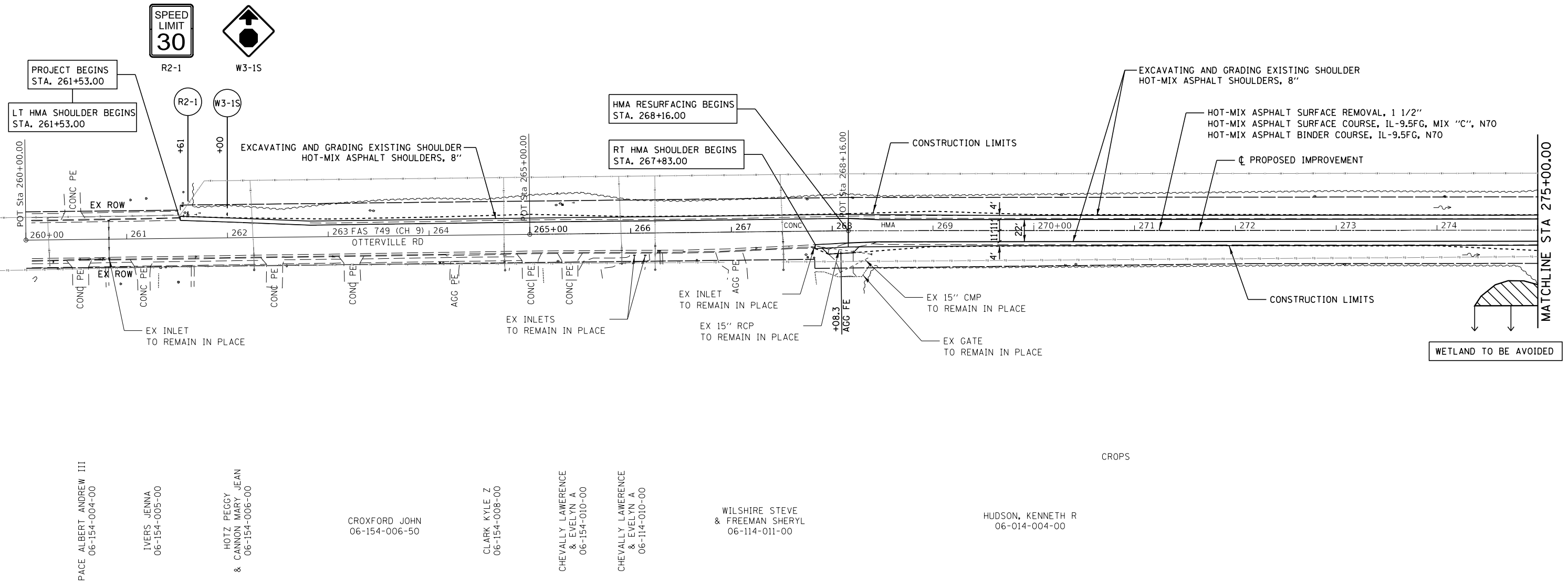
PACE CHARLENE
06-114-004-00

MEYER, LYNNE E & JANET K
06-014-005-00

CROPS

MEYER, LYNNE E & JANET K
06-014-005-00

CROPS



LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

AHEAD

BM#32 - MAG NAIL IN 15"Ø CMP
STA 251+08.1, 22.6' LT
ELEV = 610.22

BM#33 - SPIKE NAIL IN POWER POLE
STA 262+58.8, 33.6' RT
ELEV = 624.76

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA 260+00.00 TO STA. 275+00.00

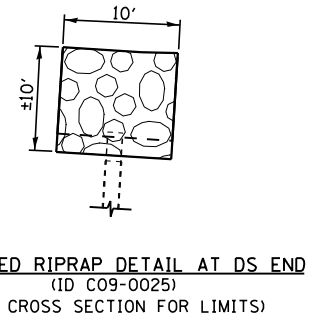
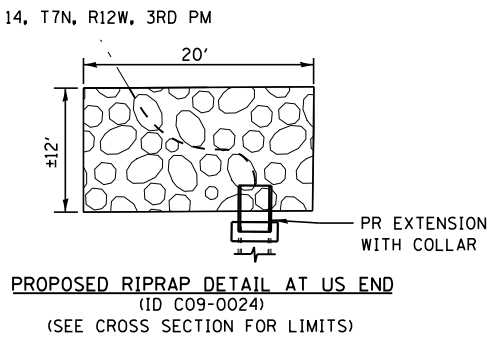
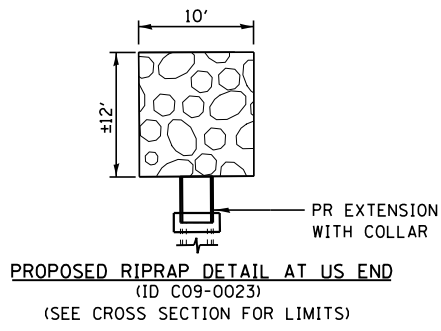
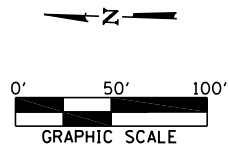
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	32
CONTRACT NO. 97854				

ILLINOIS FED. AID PROJECT

MODEL: Default
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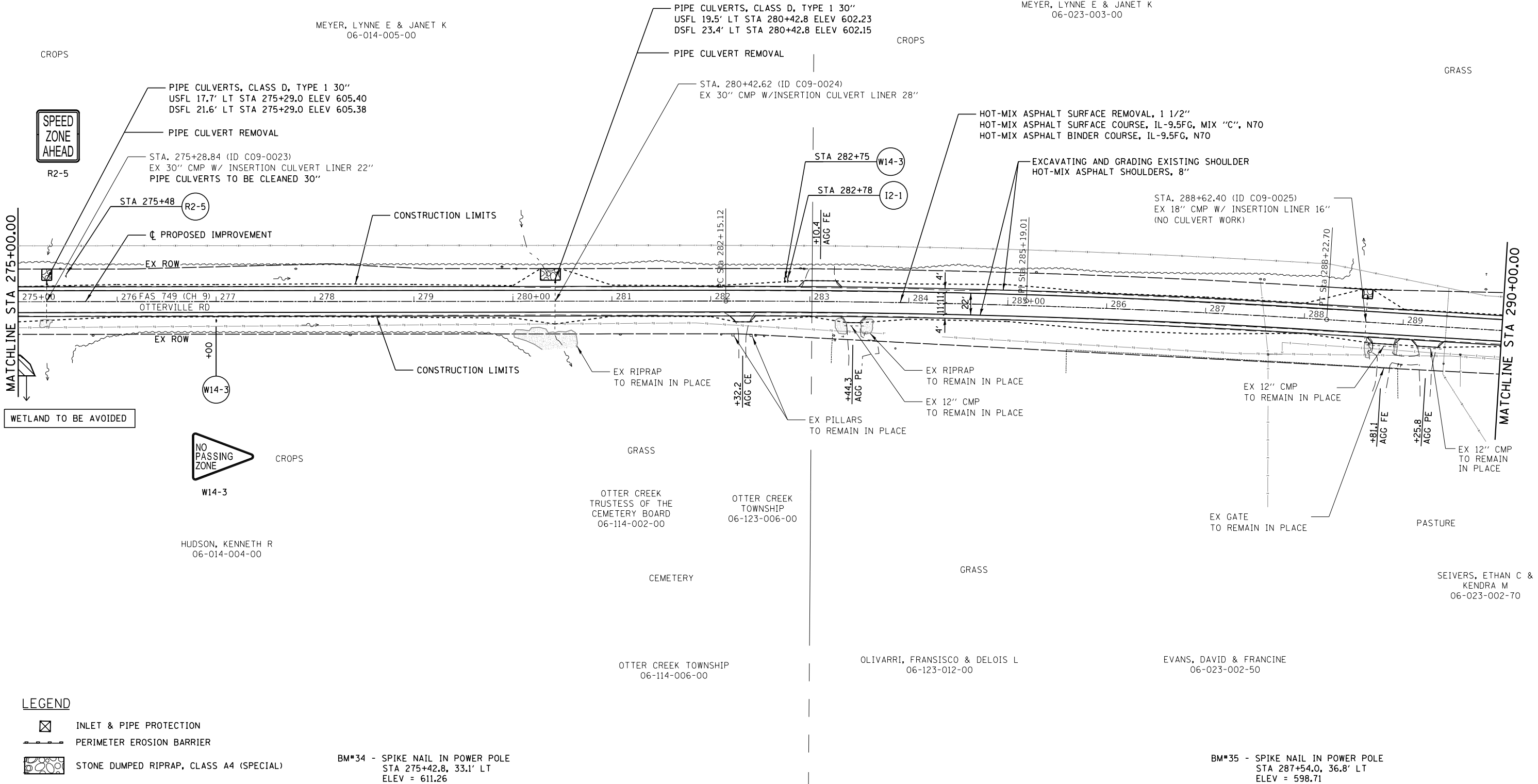


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PLOT SCALE = 100,0000' / in.	CHECKED - JLB	REVISED -
PLOT DATE = 12/13/2024	DATE - 2/28/2024	REVISED -



EXIST. CURVE CRV1
PI STA. = 285+19.01
 Δ = 3° 37' 38" (RT)
D = 0° 35' 49"
R = 9,597.62'
T = 303.89'
L = 607.59'
E = 4.81'
P.C. STA. = 282+15.12
P.T. STA. = 288+22.70

MEYER, LYNN E & JANET K
06-023-003-00



LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

BM*34 - SPIKE NAIL IN POWER POLE
STA 275+42.8, 33.1' LT
ELEV = 611.26

BM*35 - SPIKE NAIL IN POWER POLE
STA 287+54.0, 36.8' LT
ELEV = 598.71

MODEL: Default
FILE NAME: 22-0024-04-SP-001-1-Jervey_South_CH_9_CAD-DWG-Sheets.dwg



JOB = 2698.1
FILE NAME = 2698.1-sht-plan.dwg
PLOT SCALE = 100,0000 " / in.
PLOT DATE = 12/13/2024

DESIGNED	-	CGF	REVISED	-
DRAWN	-	CGF	REVISED	-
CHECKED	-	JLB	REVISED	-
DATE	-	2/28/2024	REVISED	-

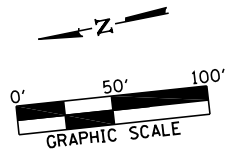
OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCALE: SHEET OF SHEETS STA 275+00.00 TO STA. 290+00.00

PLAN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	33

CONTRACT NO. 97854
ILLINOIS FED. AID PROJECT

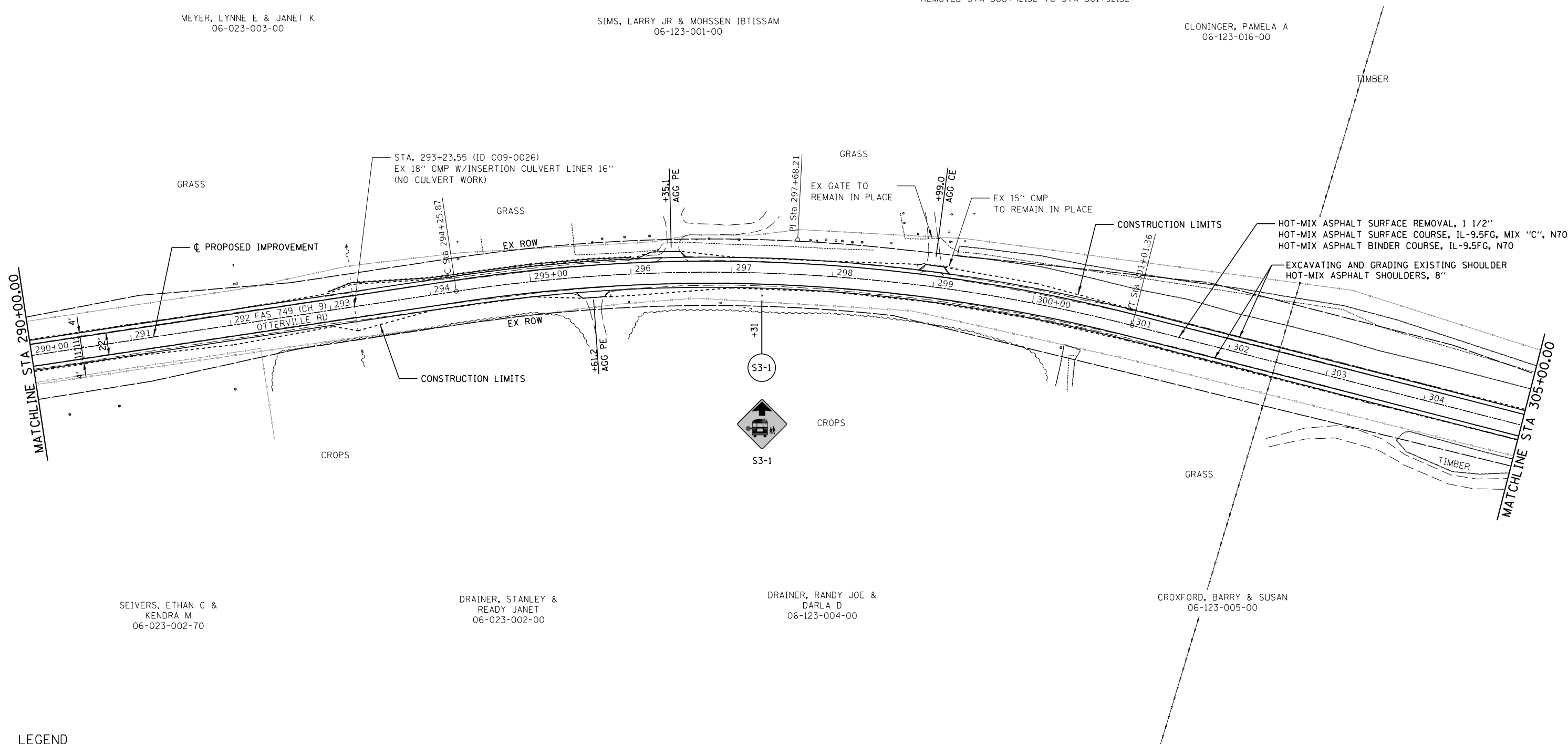


EXIST. CURVE CRV2
 PI STA. = 297+68.21
 $\Delta = 22^\circ 57' 34''$ (RT)
 $D = 3^\circ 23' 56''$
 $R = 1,685.68'$
 $T = 342.33'$
 $L = 675.48'$
 $E = 34.41'$
 $e = 0.058'/FT$
 P.C. STA. = 294+25.87
 P.T. STA. = 301+01.36
 ATTAINED STA 293+39.75 TO STA 294+89.75
 REMOVED STA 300+42.32 TO STA 301+92.32

MEYER, LYNNE E & JANET K
 06-023-003-00

SIMS, LARRY JR & MOHSEN IBTISSAM
 06-123-001-00

CLONINGER, PAMELA A
 06-123-016-00



SEIVERS, ETHAN C &
 KENDRA M
 06-023-002-70

DRAINER, STANLEY &
 READY JANET
 06-023-002-00

DRAINER, RANDY JOE &
 DARLA D
 06-123-004-00

CROXFORD, BARRY & SUSAN
 06-123-005-00

LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

BM#36 - SPIKE NAIL IN 15"Ø TREE
 STA 300+38.5, 36.6' RT
 ELEV = 587.64

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA 290+00.00 TO STA. 305+00.00

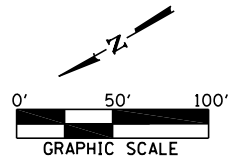
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	34
CONTRACT NO. 97854				

ILLINOIS FED. AID PROJECT

MODEL: Default
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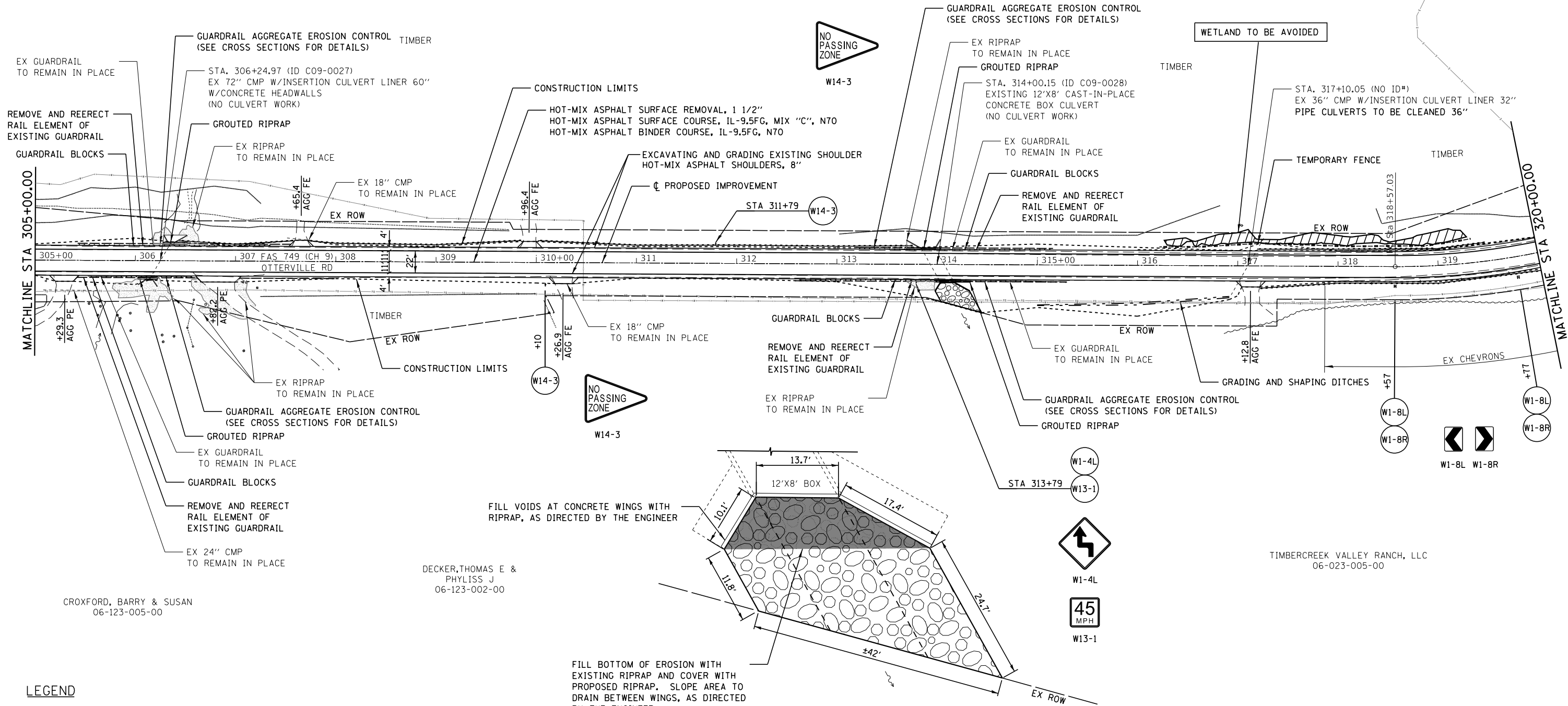
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FILE NAME = 2698.1-sht-plan.dgn	DRAWN - CGF	REVISED -
PLOT SCALE = 100.0000 "/>		



EXIST. CURVE CRV3
 PI STA. = 321+08.19
 $\Delta = 39^\circ 42' 39''$ (LT)
 $D = 8^\circ 14' 16''$
 $R = 695.52'$
 $T = 251.16'$
 $L = 482.05'$
 $E = 43.96'$
 $e = 0.08'/FT$
 P.C. STA. = 318+57.03
 P.T. STA. = 323+39.08
 ATTAINED STA 317+24.87 TO STA 319+16.87
 REMOVED STA 322+96.65 TO STA 324+76.69

CLONINGER, PAMELA
 06-023-016-00

TIMBERCREEK VALLEY RANCH, LLC
 06-023-005-00



DECKER, THOMAS E &
 PHYLISS J
 06-123-002-00

TIMBERCREEK VALLEY RANCH, LLC
 06-023-005-00

- LEGEND**
- INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

FILL BOTTOM OF EROSION WITH EXISTING RIPRAP AND COVER WITH PROPOSED RIPRAP. SLOPE AREA TO DRAIN BETWEEN WINGS, AS DIRECTED BY THE ENGINEER

PROPOSED RIPRAP DETAIL AT DS END
 (ID C09-0028)
 (SEE CROSS SECTION FOR LIMITS)

BM*37 - SPIKE NAIL IN POWER POLE
 STA 317+03.7, 40.2' LT
 ELEV = 531.93

MODEL: Default
 FILE NAME: 22-00024-04-SP-001.dwg
 FILE NAME: 22-00024-04-SP-001.dwg



JOB = 2698.1
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 PLOT DATE = 12/13/2024

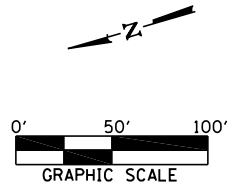
DESIGNED	-	CGF	REVISED	-
DRAWN	-	CGF	REVISED	-
CHECKED	-	JLB	REVISED	-
DATE	-	2/28/2024	REVISED	-

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCALE:	SHEET	OF	SHEETS	STA 305+00.00	TO STA. 320+00.00
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PLAN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	35
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

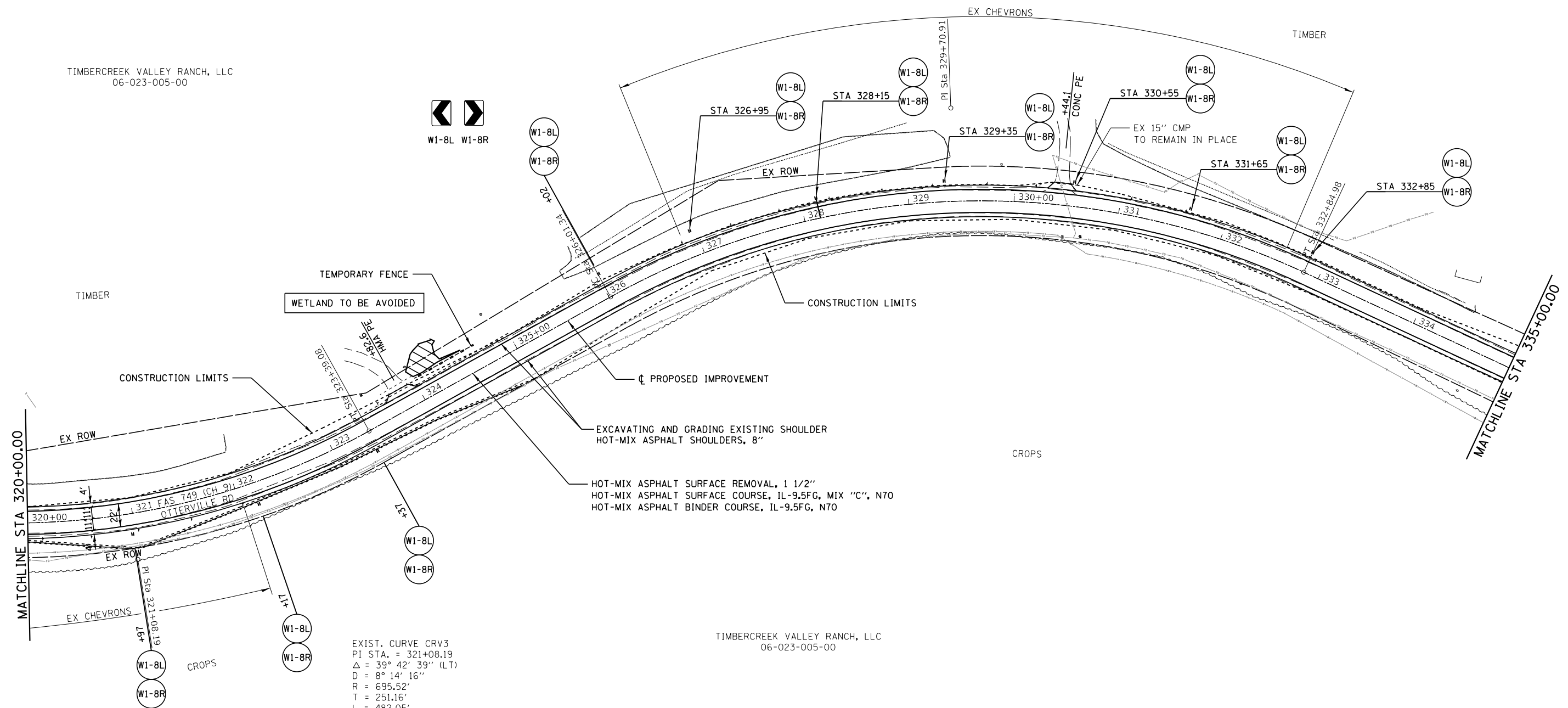


EXIST. CURVE CRV4
 PI STA. = 329+70.91
 $\Delta = 53^\circ 58' 45''$ (RT)
 $D = 7^\circ 53' 45''$
 $R = 725.64'$
 $T = 369.57'$
 $L = 683.64'$
 $E = 88.69'$
 $e = 0.08'/FT$
 P.C. STA. = 326+01.34
 P.T. STA. = 332+84.98
 ATTAINED STA 324+76.69 TO STA 326+56.73
 REMOVED STA 332+14.55 TO STA 334+06.55

TIMBERCREEK VALLEY RANCH, LLC
 06-023-005-00

GREEN, THOMAS A. & LISA A.CO-TRUSTEE
 06-123-010-00

TIMBERCREEK VALLEY RANCH, LLC
 06-023-005-00



EXIST. CURVE CRV3
 PI STA. = 321+08.19
 $\Delta = 39^\circ 42' 39''$ (LT)
 $D = 8^\circ 14' 16''$
 $R = 695.52'$
 $T = 251.16'$
 $L = 482.05'$
 $E = 43.96'$
 $e = 0.08'/FT$
 P.C. STA. = 318+57.03
 P.T. STA. = 323+39.08
 ATTAINED STA 317+24.87 TO STA 319+16.87
 REMOVED STA 322+96.65 TO STA 324+76.69

TIMBERCREEK VALLEY RANCH, LLC
 06-023-005-00

LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

BM#38 - SPIKE NAIL IN POWER POLE
 STA 325+77.5, 39.5' RT
 ELEV = 540.69

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

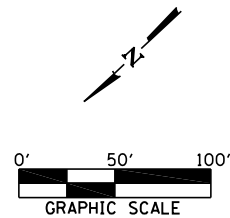
SCALE:		SHEET	OF	SHEETS	STA 320+00.00	TO STA. 335+00.00
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JOB = 2698.1	DESIGNED - CGF	REVISED -
FILE NAME = 2698.1-sht-plan.dgn	DRAWN - CGF	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - JLB	REVISED -
PLOT DATE = 12/13/2024	DATE - 2/28/2024	REVISED -

F.A.S. RTE. 749	SECTION 22-00024-04-SP	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 36
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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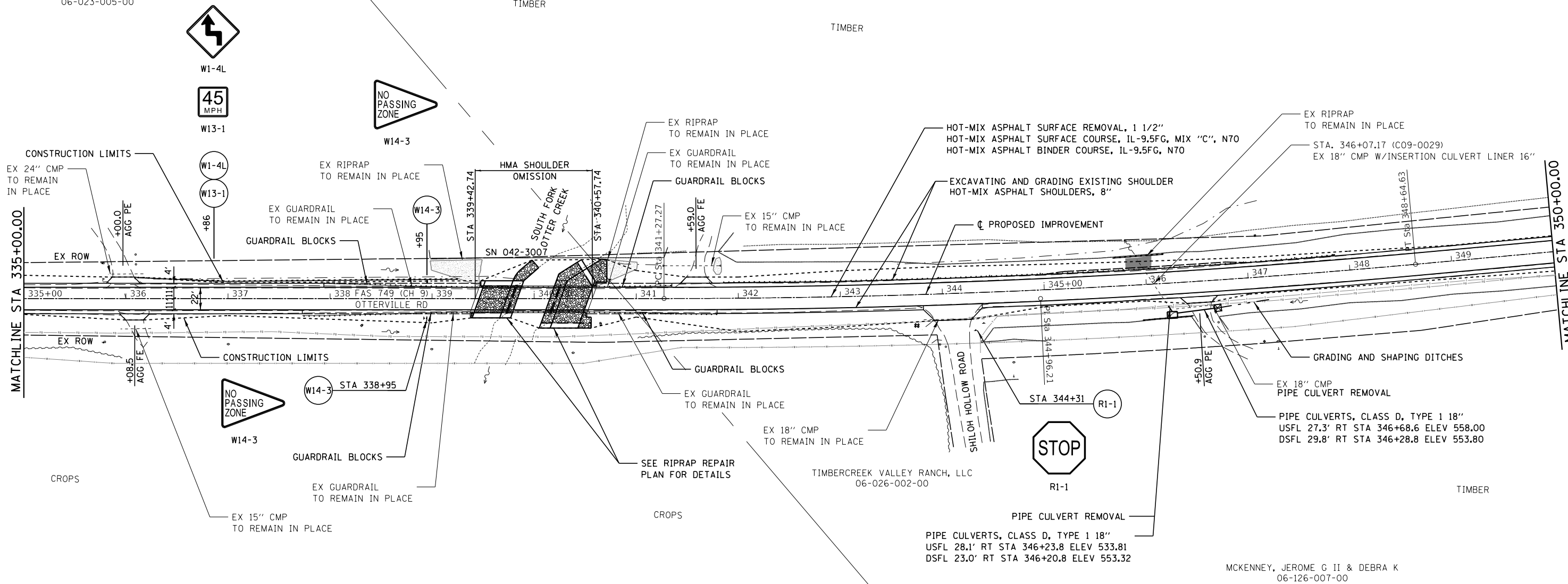
EXIST. CURVE CRV5
 PI STA. = 344+96.21
 $\Delta = 5^\circ 13' 24''$ (LT)
 $D = 0^\circ 42' 30''$
 $R = 8,088.36'$
 $T = 368.94'$
 $L = 737.37'$
 $E = 8.41'$
 $e = 0.021'/FT$
 P.C. STA. = 341+27.27
 P.T. STA. = 348+64.63
 ATTAINED STA 341+11.41 TO STA 342+61.41
 REMOVED STA 346+80.20 TO STA 348+30.20

TIMBERCREEK VALLEY RANCH, LLC
 06-023-005-00

TIMBERCREEK VALLEY RANCH, LLC
 06-023-005-00

TIMBER

TIMBER



MATCHLINE STA 335+00.00

MATCHLINE STA 350+00.00

TIMBERCREEK VALLEY RANCH, LLC
 06-023-005-00

TIMBERCREEK VALLEY RANCH, LLC
 06-026-002-00

MCKENNEY, JEROME G II & DEBRA K
 06-126-007-00

LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

PROPOSED RIPRAP DETAIL AT US END
 (ID C09-0029)
 (SEE CROSS SECTION FOR LIMITS)

BM#39 - CHISELED "□" ON SW WINGWALL
 STA 340+51.9, 14.9' RT
 ELEV = 533.87

BM#40 - MAG NAIL IN 8"Ø TREE
 STA 349+99.2, 36.8' LT
 ELEV = 589.52

SEC 23, T7N, R12W, 3RD PM

SEC. 27, T7N, R12W, 3RD PM

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA 335+00.00 TO STA. 350+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	37
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

MODEL Default
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JOB = 2698.1
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DESIGNED - CGF
 DRAWN - CGF
 CHECKED - JLB
 DATE - 2/28/2024

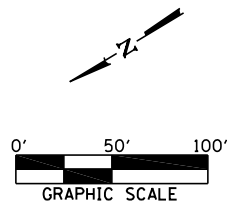
REVISED -
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 REVISED -
 REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

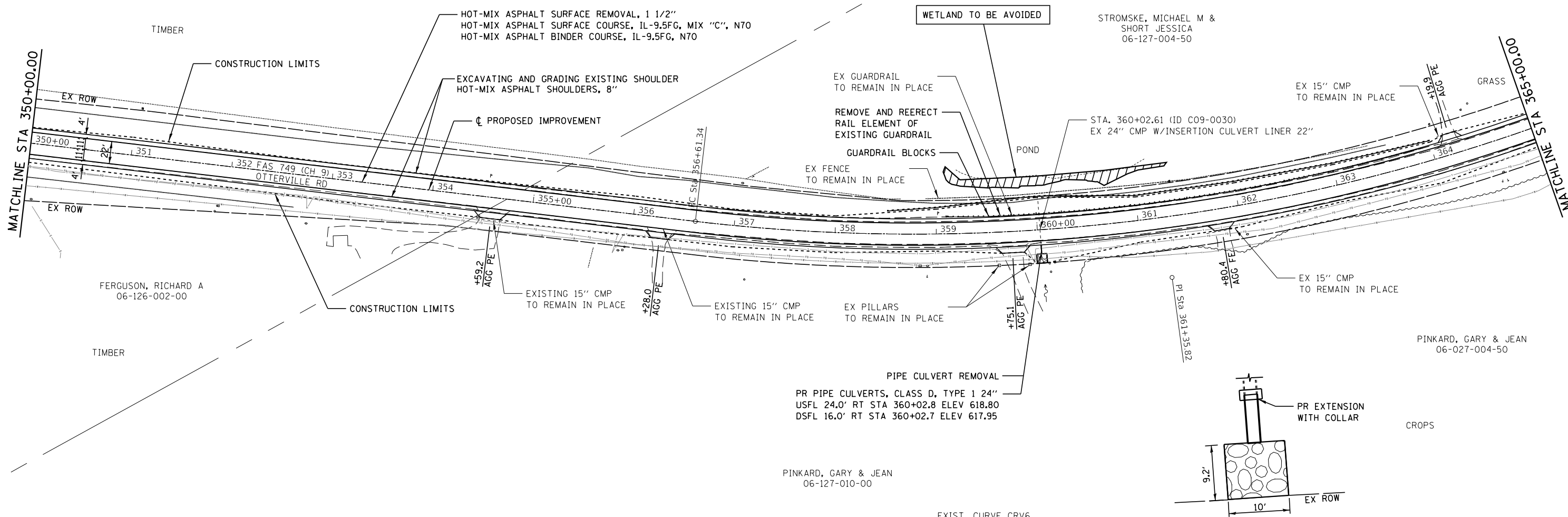
SCALE: SHEET OF SHEETS STA 335+00.00 TO STA. 350+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	37
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



TIMBERCREEK VALLEY RANCH, LLC
06-026-002-00

STROMSKE, MICHAEL M &
SHORT JESSICA
06-127-004-00

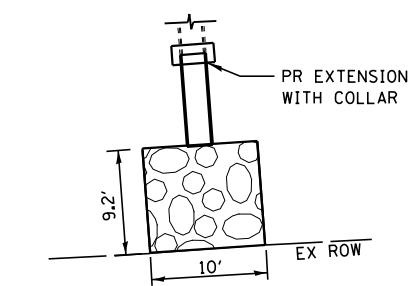


PINKARD, GARY & JEAN
06-127-010-00

PINKARD, GARY & JEAN
06-027-004-50

FERGUSON, RICHARD A
06-126-002-00

EXIST. CURVE CRV6
PI STA. = 361+35.82
 $\Delta = 28^\circ 54' 00''$ (LT)
D = 3° 06' 42"
R = 1,841.28'
T = 474.47'
L = 928.74'
E = 60.15'
e = 0.053'/FT
P.C. STA. = 356+61.34
P.T. STA. = 365+90.08
ATTAINED STA 355+53.26 TO STA 357+03.26
REMOVED STA 365+57.96 TO STA 366+97.96



PROPOSED RIPRAP DETAIL AT US END
(ID C09-0030)
(SEE CROSS SECTION FOR LIMITS)

BM*41 - SPIKE NAIL IN POWER POLE
STA 362+03.9, 29.4' RT
ELEV= 627.86

LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA 350+00.00 TO STA. 365+00.00

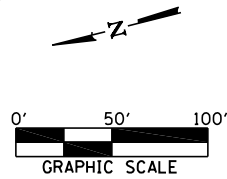
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	38
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

MODEL: Default; FILE NAME: 22-00024-04-SP-008-1-Jersey_South_CH 9-ROAD-Improvements.dgn



JOB = 2698.1
FILE NAME = 2698.1-sht-plan.dgn
PLOT SCALE = 100.0000 ' / in.
PLOT DATE = 12/13/2024

DESIGNED	REVISIONS
- CGF	-
DRAWN - CGF	REVISED -
CHECKED - JLB	REVISED -
DATE - 2/28/2024	REVISED -



EXIST. CURVE CRV7
 PI STA. = 370+29.01
 $\Delta = 10^\circ 09' 19''$ (RT)
 $D = 1^\circ 43' 00''$
 $R = 3,337.81'$
 $T = 296.58'$
 $L = 591.60'$
 $E = 13.15'$
 $e = 0.038'/FT$
 P.C. STA. = 367+32.43
 P.T. STA. = 373+24.03
 ATTAINED STA 366+97.96 TO STA 368+21.12
 REMOVED STA 372+34.15 TO STA 373+84.15

HEITZIG, JILL A
 06-027-010-00

HARRIS, JACKIE A &
 DONNA M, CO-TRUSTEE
 06-127-014-00

STROMSKE, MICHAEL M &
 SHORT JESSICA
 06-127-004-00

FRYE, PHYLISS
 06-027-010-00

CROPS

CROPS

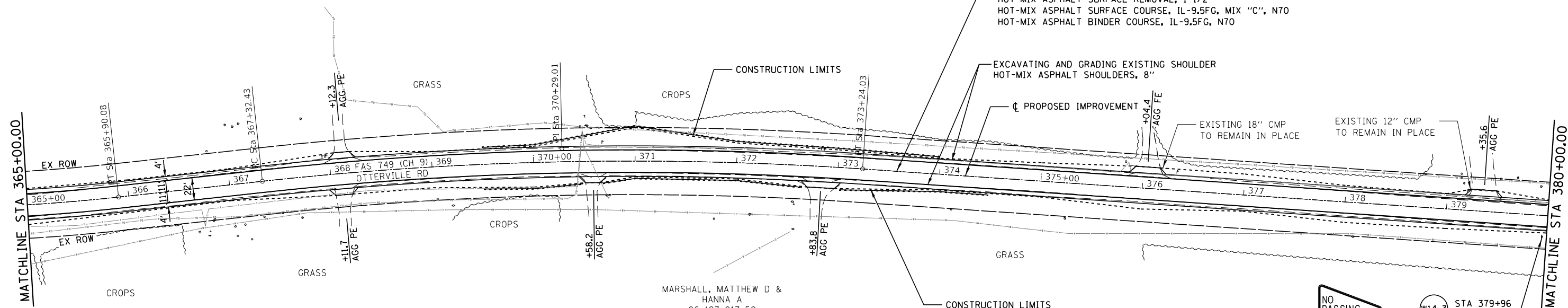
HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N70
 HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70

EXCAVATING AND GRADING EXISTING SHOULDER
 HOT-MIX ASPHALT SHOULDERS, 8"

PROPOSED IMPROVEMENT

EXISTING 18" CMP
 TO REMAIN IN PLACE

EXISTING 12" CMP
 TO REMAIN IN PLACE



LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

BM#42 - SPIKE NAIL IN POWER POLE
 STA 366+80.3, 33.1' RT
 ELEV= 651.21

BM#43 - SPIKE NAIL IN POWER POLE
 STA 375+25.5, 34.4' RT
 ELEV= 652.54

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

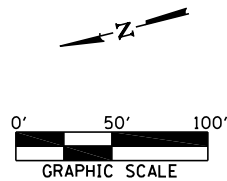
SCALE: SHEET OF SHEETS STA 365+00.00 TO STA. 380+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	39
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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JOB = 2698.1	DESIGNED - CGF	REVISED -
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PLOT SCALE = 100.0000 ' / in.	CHECKED - JLB	REVISED -
PLOT DATE = 12/13/2024	DATE - 2/28/2024	REVISED -



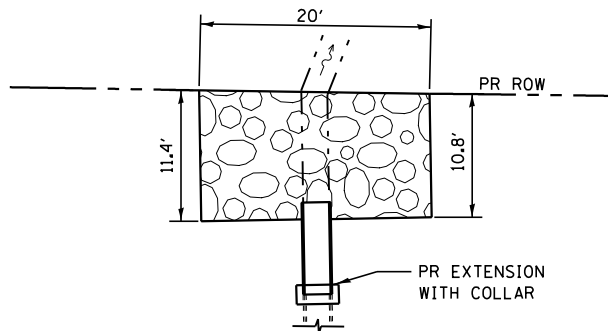
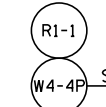
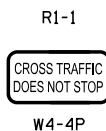
HARRIS, JACKIE A &
DONNA M, CO-TRUSTEE
06-127-014-00

WADE, HERBER III &
JESSICA M
06-127-012-00

ROTH FAMILY LIMITED PARTNERSHIP
06-027-009-50

ECKERT LAND COMPANY
06-027-009-00

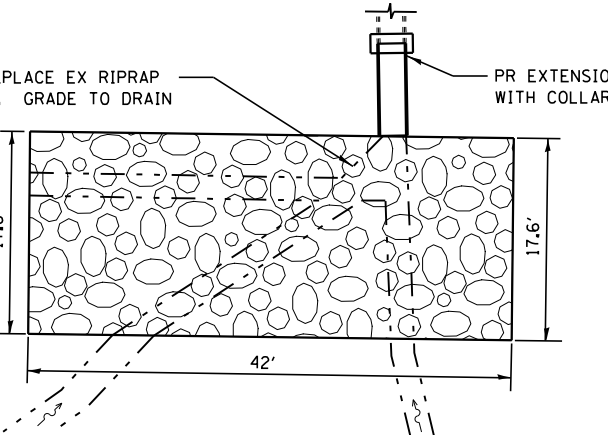
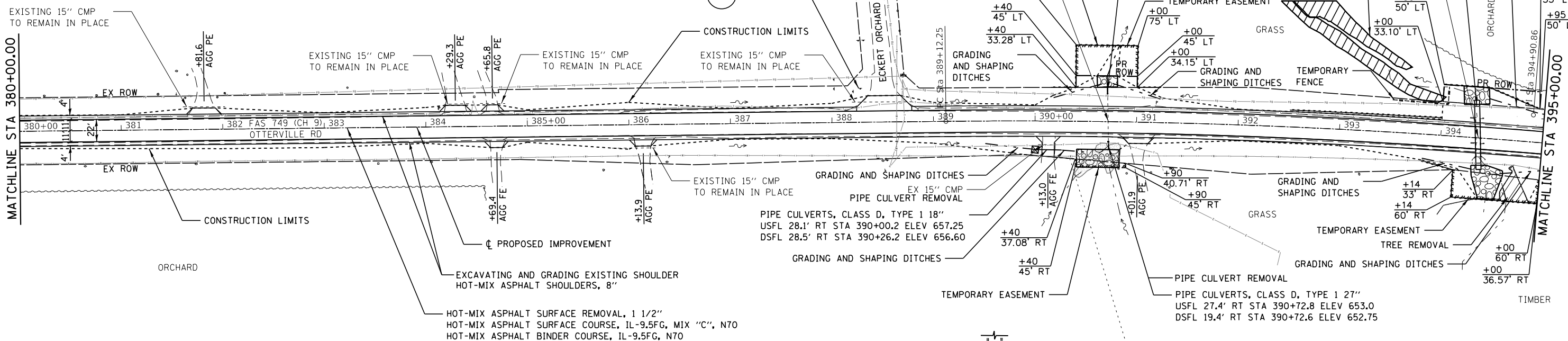
JONES, VICTORIA J
06-127-014-50



PROPOSED RIPRAP DETAIL AT DS END
(ID C09-0031)
(SEE CROSS SECTION FOR LIMITS)

WETLAND TO BE AVOIDED

PROPOSED RIPRAP DETAIL AT DS END
(ID C09-0032)
(SEE PRECAST BOX CULVERT DETAILS FOR RIPRAP LAYOUT)



PROPOSED RIPRAP DETAIL AT US END
(ID C09-0031)
(SEE CROSS SECTION FOR LIMITS)

PROPOSED RIPRAP DETAIL AT US END
(ID C09-0032)
(SEE PRECAST BOX CULVERT DETAILS FOR RIPRAP LAYOUT)

- LEGEND**
- INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

BM*44 - SPIKE NAIL IN POWER POLE
STA 386+37.3, 36.9' RT
ELEV= 674.73

EXIST. CURVE CRV8
P1 STA. = 394+90.86
 $\Delta = 10^\circ 32' 54''$ (RT)
D = 0° 54' 51"
R = 6,267.97'
T = 578.61'
L = 1,153.96'
E = 26.65'
e = 0.021'/FT
P.C. STA. = 389+12.25
P.T. STA. = 400+66.20
ATTAINED STA 388+69.45 TO STA 390+19.45
REMOVED STA 399+73.20 TO STA 401+23.20

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA 395+00.00 TO STA. 410+00.00

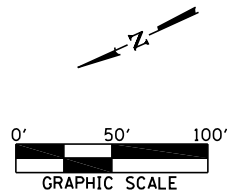
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	40
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: 22-00024-04-SP.dgn
MODEL: Default
FILE NAME: 22-00024-04-SP.dgn



JOB = 2698.1
FILE NAME = 2698.1-sht-plan.dgn
PLOT SCALE = 100.0000' / in.
PLOT DATE = 12/13/2024

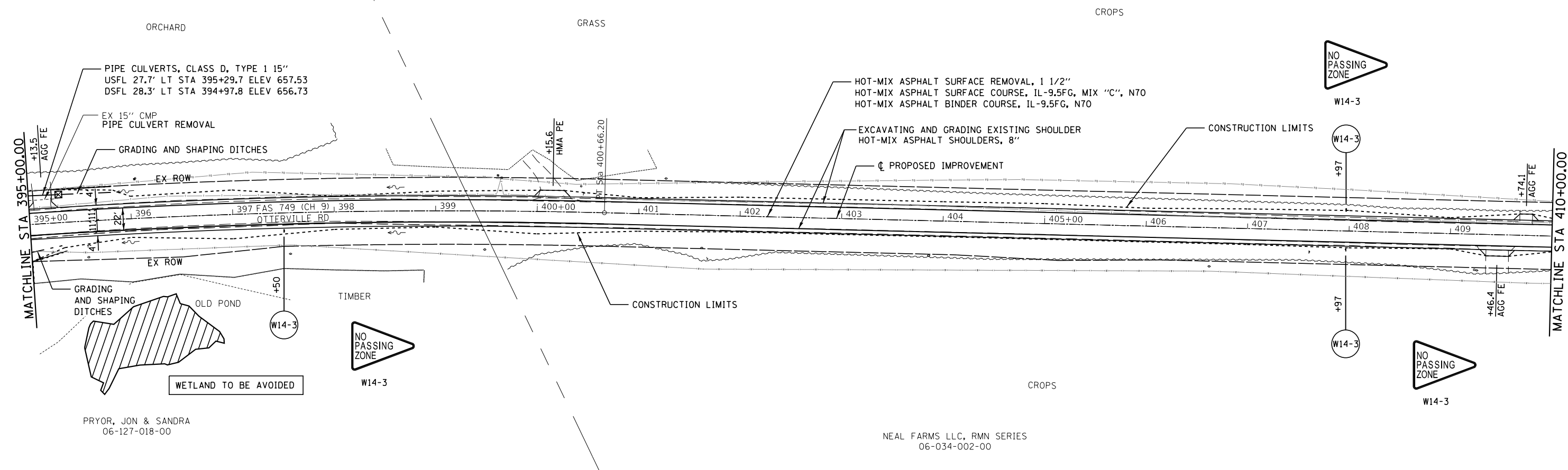
DESIGNED - CGF	REVISED -
DRAWN - CGF	REVISED -
CHECKED - JLB	REVISED -
DATE - 2/28/2024	REVISED -



EXIST. CURVE CRV8
 PI STA. = 394+90.86
 $\Delta = 10^\circ 32' 54''$ (RT)
 $D = 0^\circ 54' 51''$
 $R = 6,267.97'$
 $T = 578.61'$
 $L = 1,153.96'$
 $E = 26.65'$
 $e = 0.021'/FT$
 P.C. STA. = 389+12.25
 P.T. STA. = 400+66.20
 ATTAINED STA 388+69.45 TO STA 390+19.45
 REMOVED STA 399+73.20 TO STA 401+23.20

ECKERT LAND COMPANY
 06-027-009-00

HUNT, DOUGLAS E
 06-034-005-00



LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

BM*45 - SPIKE NAIL IN POWER POLE
 STA 397+55.6, 40.4' RT
 ELEV= 669.80

BM*46 - SPIKE NAIL IN POWER POLE
 STA 409+26.8, 35.6' RT
 ELEV= 691.88

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA 395+00.00 TO STA. 410+00.00

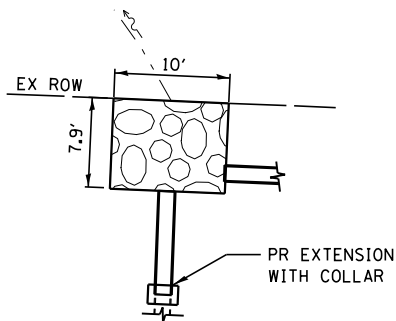
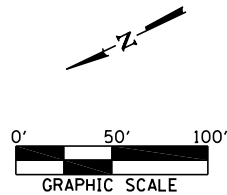
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	41
CONTRACT NO. 97854				

ILLINOIS FED. AID PROJECT

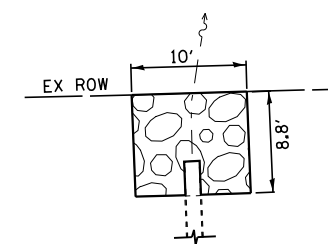
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JOB = 2698.1	DESIGNED - CGF	REVISED -
FILE NAME = 2698.1-sht-plan.dgn	DRAWN - CGF	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JLB	REVISED -
PLOT DATE = 12/13/2024	DATE - 2/28/2024	REVISED -



PROPOSED RIPRAP DETAIL AT DS END
(ID C09-0033)
(SEE CROSS SECTION FOR LIMITS)



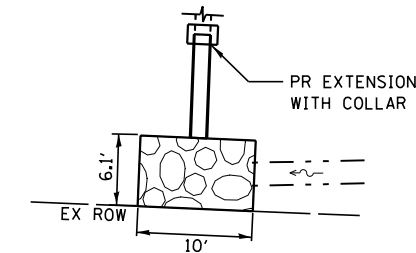
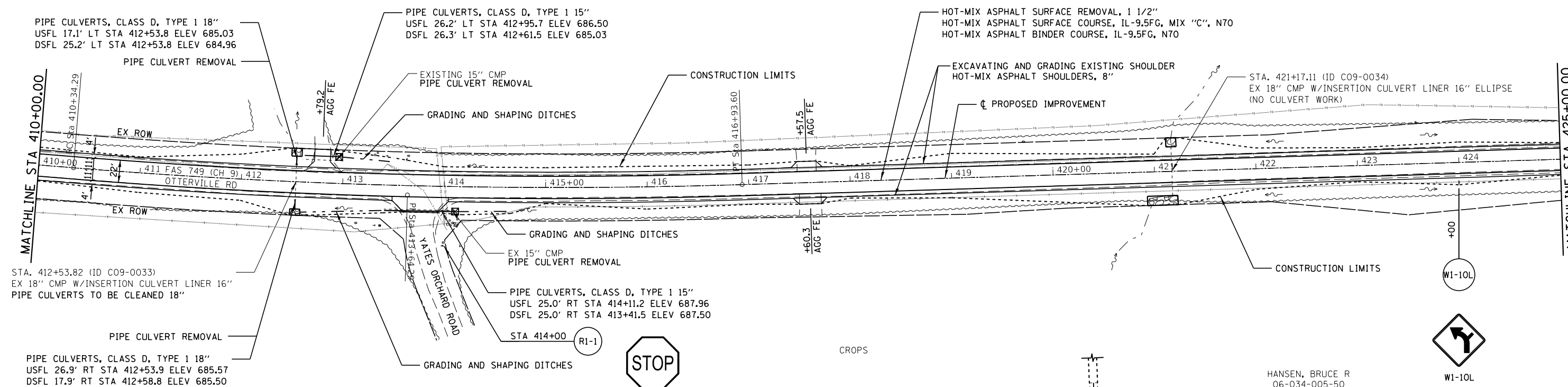
PROPOSED RIPRAP DETAIL AT DS END
(ID C09-0034)
(SEE CROSS SECTION FOR LIMITS)

HUNT, DOUGLAS E
06-034-005-00

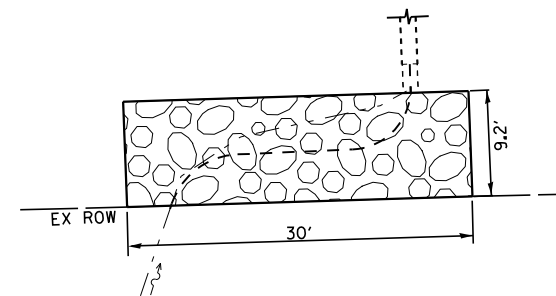
HANSEN, BRUCE R
06-034-011-00

CROPS

CROPS



PROPOSED RIPRAP DETAIL AT US END
(ID C09-0033)
(SEE CROSS SECTION FOR LIMITS)



PROPOSED RIPRAP DETAIL AT US END
(ID C09-0034)
(SEE CROSS SECTION FOR LIMITS)

LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

BM*47 - SPIKE NAIL IN POWER POLE
STA 423+58.7, 40.3' LT
ELEV= 696.17

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA 410+00.00 TO STA. 425+00.00

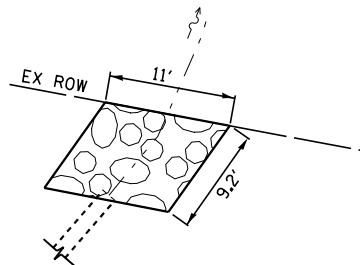
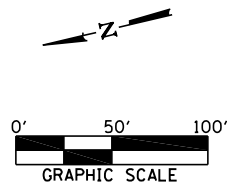
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	42
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

MODEL: Default; FILE NAME: 22-00024-04-SP; SOUTH; CH 9; CADD; Sheets; 2698; 1-sht-plan.dgn



JOB = 2698.1
FILE NAME = 2698.1-sht-plan.dgn
PLOT SCALE = 100.0000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF	REVISED -
DRAWN - CGF	REVISED -
CHECKED - JLB	REVISED -
DATE - 2/28/2024	REVISED -



PROPOSED RIPRAP DETAIL AT DS END
(ID C09-0035)
(SEE CROSS SECTION FOR LIMITS)

KARRICK, MEGAN M
06-134-013-00

HANSEN, BRUCE R
06-034-011-00

FESSLER, MATTHEW A
& SARA E
06-034-006-60

GRADING AND SHAPING DITCHES
(TOE OF PROPOSED SLOPE)

EXISTING 48" RCP
TO REMAIN IN PLACE

EXISTING MANHOLE
TO REMAIN IN PLACE

EX 15" CMP
TO REMAIN IN PLACE

CROPS

JACKSON, KAREN J TRUSTEE
06-034-006-00

EX GUARDRAIL
TO REMAIN IN PLACE
GUARDRAIL BLOCKS

SEARLES, KENNETH L &
AGNES L
06-134-002-00

EXISTING 15" CMP
TO REMAIN IN PLACE

STA. 438+85.13 (ID C09-0037)
EXISTING 8'x8' CAST-IN-PLACE
CONCRETE BOX CULVERT
(NO CULVERT WORK)

GRouted RIPRAP

EX GUARDRAIL
TO REMAIN IN PLACE
GUARDRAIL BLOCKS

GUARDRAIL AGGREGATE EROSION CONTROL
(SEE CROSS SECTIONS FOR DETAILS)

EX RIPRAP
TO REMAIN IN PLACE

EX GUARDRAIL
TO REMAIN IN PLACE
GUARDRAIL BLOCKS

GRouted RIPRAP

EX GUARDRAIL
TO REMAIN IN PLACE
GUARDRAIL BLOCKS

EX RIPRAP
TO REMAIN IN PLACE

GUARDRAIL AGGREGATE EROSION CONTROL
(SEE CROSS SECTIONS FOR DETAILS)

EX GUARDRAIL
TO REMAIN IN PLACE
GUARDRAIL BLOCKS

GRouted RIPRAP

EX RIPRAP
TO REMAIN IN PLACE

EX GUARDRAIL
TO REMAIN IN PLACE
GUARDRAIL BLOCKS

GRouted RIPRAP

EX RIPRAP
TO REMAIN IN PLACE

EX GUARDRAIL
TO REMAIN IN PLACE
GUARDRAIL BLOCKS

GRouted RIPRAP

EX RIPRAP
TO REMAIN IN PLACE

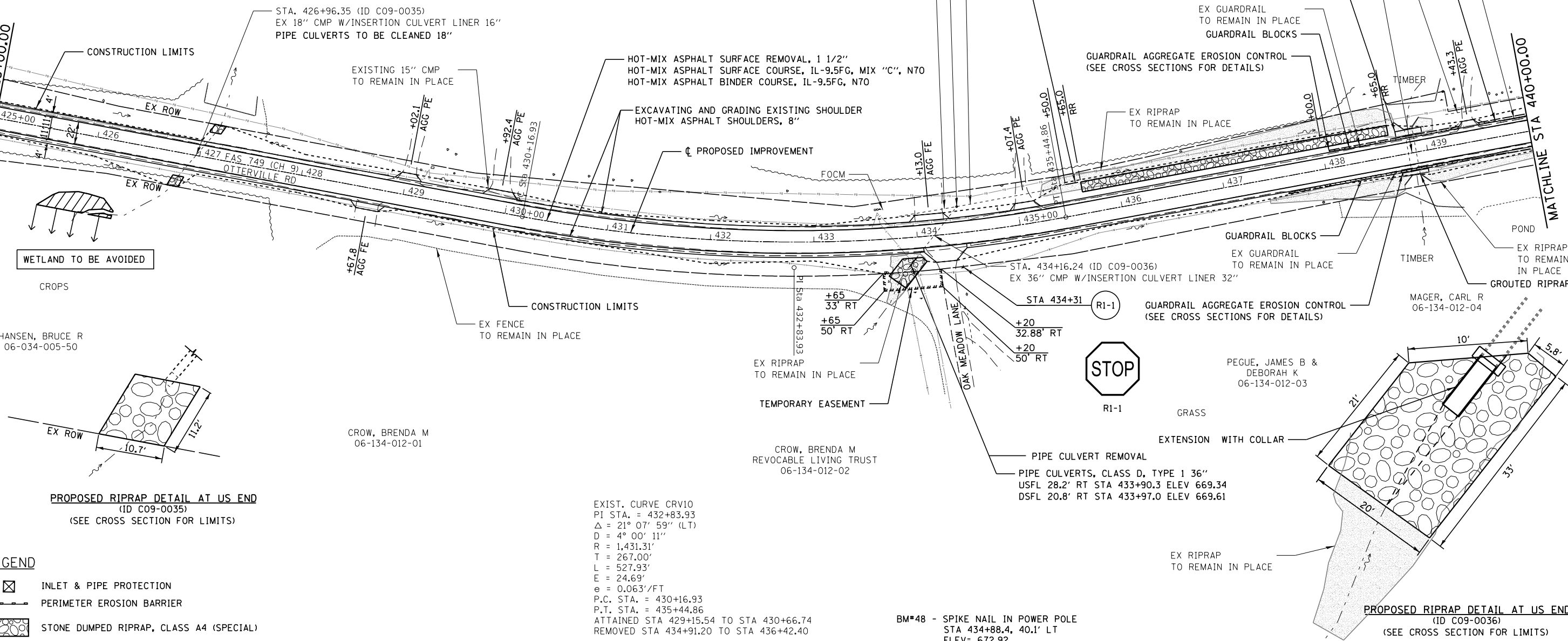
EX GUARDRAIL
TO REMAIN IN PLACE
GUARDRAIL BLOCKS

GRouted RIPRAP

EX RIPRAP
TO REMAIN IN PLACE

EX GUARDRAIL
TO REMAIN IN PLACE
GUARDRAIL BLOCKS

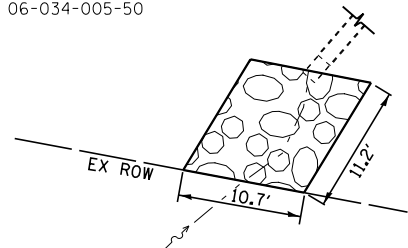
GRouted RIPRAP



WETLAND TO BE AVOIDED

CROPS

HANSEN, BRUCE R
06-034-005-50



PROPOSED RIPRAP DETAIL AT US END
(ID C09-0035)
(SEE CROSS SECTION FOR LIMITS)

CROW, BRENDA M
06-134-012-01

EX RIPRAP
TO REMAIN IN PLACE

TEMPORARY EASEMENT

CROW, BRENDA M
REVOCABLE LIVING TRUST
06-134-012-02

STA. 434+31 (R1-1)
EX 36" CMP W/INSERTION CULVERT LINER 32"

+20
32.88' RT
+20
50' RT



R1-1

PEGUE, JAMES B &
DEBORAH K
06-134-012-03

GRASS

EXTENSION WITH COLLAR

EX RIPRAP
TO REMAIN IN PLACE

EXIST. CURVE CRV10
PI STA. = 432+83.93
Δ = 21° 07' 59" (LT)
D = 4° 00' 11"
R = 1,431.31'
T = 267.00'
L = 527.93'
E = 24.69'
e = 0.063'/FT
P.C. STA. = 430+16.93
P.T. STA. = 435+44.86
ATTAINED STA 429+15.54 TO STA 430+66.74
REMOVED STA 434+91.20 TO STA 436+42.40

BM*48 - SPIKE NAIL IN POWER POLE
STA 434+88.4, 40.1' LT
ELEV= 672.92

PIPE CULVERT REMOVAL
PIPE CULVERTS, CLASS D, TYPE 1 36"
USFL 28.2' RT STA 433+90.3 ELEV 669.34
DSFL 20.8' RT STA 433+97.0 ELEV 669.61

LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

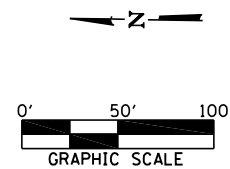
SCALE: SHEET OF SHEETS STA 425+00.00 TO STA. 440+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	43
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

LEGEND

- (A9) STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS
- (1) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)

EXIST. CURVE CRV11
 PI STA. = 455+21.29
 $\Delta = 13^{\circ} 29' 52''$ (LT)
 $D = 5^{\circ} 04' 01''$
 $R = 1,130.76'$
 $T = 133.81'$
 $L = 266.38'$
 $E = 7.89'$
 $e = 0.0525'/FT$
 P.C. STA. = 453+87.48
 P.T. STA. = 456+53.86
 RETAIN EXIST SE (PVMT CROSS SLOPE THROUGH CURVE #11 SHALL MATCH EXIST PVMT CROSS SLOPE)

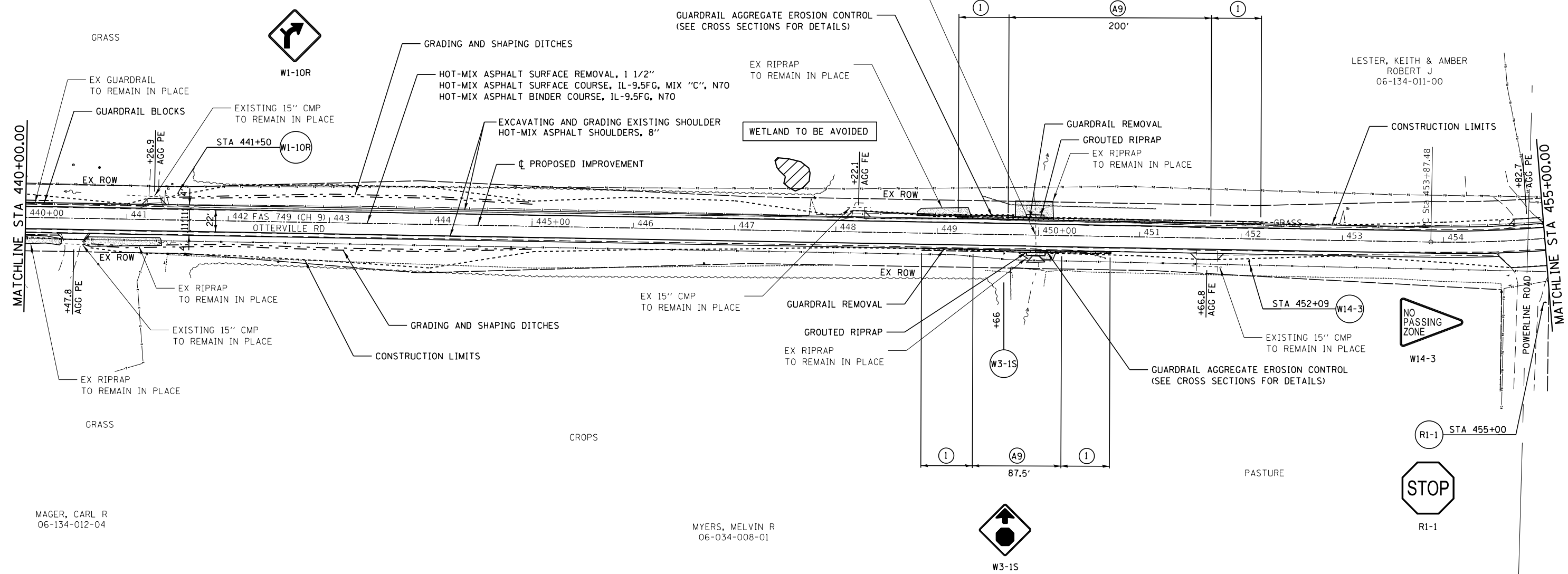


SEARLES, KENNETH L &
 AGNES L
 06-134-002-00

ALLEN LAWRENCE
 ROBERT J
 06-034-010-00

LESTER, KEITH & AMBER
 ROBERT J
 06-134-011-50

STA. 449+97.44 (ID C09-0038)
 EX 60" CMP W/INSERTION CULVERT LINER, 54"
 WITH CONCRETE DROPWALL
 (NO CULVERT WORK)



LEGEND

- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

BM*49 - MAG NAIL IN END OF GUARDRAIL POST
 STA 448+88.4, 16.1' RT
 ELEV= 676.34

MODEL: Default
 FILE NAME: 223098.1 - Jersey_South_CH 9(CADD)Sheets2698.L-1-1-1-plan.dgn



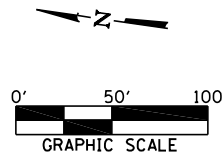
JOB = 2698.1	DESIGNED - CGF	REVISED -
FILE NAME = 2698.1-sht-plan.dgn	DRAWN - CGF	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - JLB	REVISED -
PLOT DATE = 12/13/2024	DATE - 2/28/2024	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

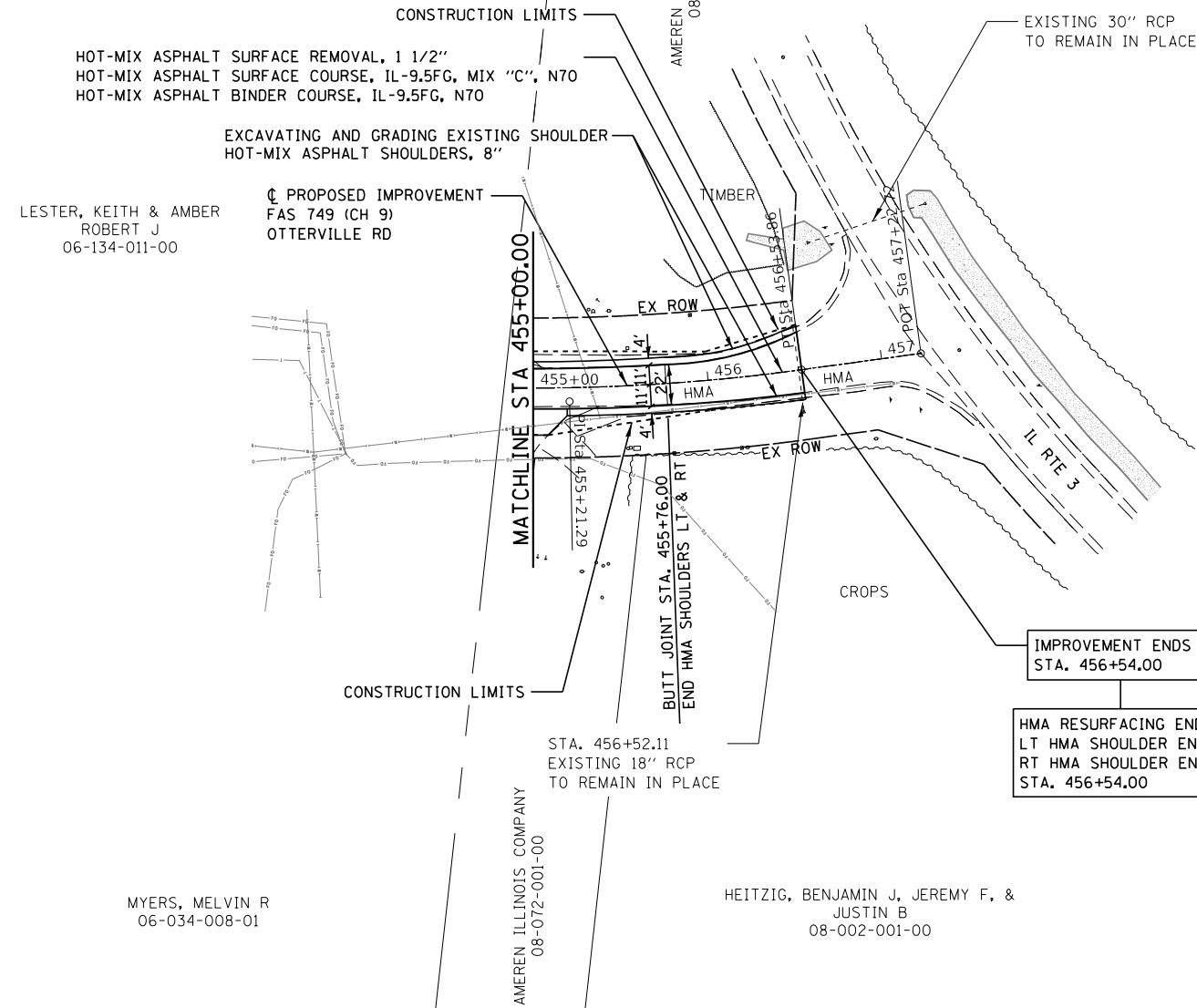
PLAN

SCALE: SHEET OF SHEETS STA 440+00.00 TO STA. 455+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-SP	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 44
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CRV11
 PI STA. = 455+21.29
 $\Delta = 13^\circ 29' 52''$ (LT)
 $D = 5^\circ 04' 01''$
 $R = 1,130.76'$
 $T = 133.81'$
 $L = 266.38'$
 $E = 7.89'$
 $e = 0.0525'/\text{FT}$
 P.C. STA. = 453+87.48
 P.T. STA. = 456+53.86
 RETAIN EXIST SE (PVMT CROSS
 SLOPE THROUGH CURVE #11 SHALL
 MATCH EXIST PVMT CROSS SLOPE)



LESTER, KEITH & AMBER
 ROBERT J
 06-134-011-00

PROPOSED IMPROVEMENT
 FAS 749 (CH 9)
 OTTERVILLE RD

MATCHLINE STA 455+00.00

BUTT JOINT STA. 455+76.00
 END HMA SHOULDERS LT. & RT

IMPROVEMENT ENDS
 STA. 456+54.00

HMA RESURFACING ENDS
 LT HMA SHOULDER ENDS
 RT HMA SHOULDER ENDS
 STA. 456+54.00

STA. 456+52.11
 EXISTING 18" RCP
 TO REMAIN IN PLACE

MYERS, MELVIN R
 06-034-008-01

HEITZIG, BENJAMIN J, JEREMY F, &
 JUSTIN B
 08-002-001-00

- LEGEND**
- INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

MODEL: Default
 FILE NAME: 220308.1 Jersey_South_CH 9CADDP_Sheets32698.1-sht-plan.dgn

CEC *Cummins Engineering Corporation*
 ENGINEERS & SURVEYORS

JOB = 2698.1
 FILE NAME = 2698.1-sht-plan.dgn
 PLOT SCALE = 100.0000 ' / in.
 PLOT DATE = 12/13/2024

DESIGNED	-	CGF	REVISED	-
DRAWN	-	CGF	REVISED	-
CHECKED	-	JLB	REVISED	-
DATE	-	2/28/2024	REVISED	-

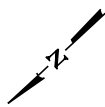
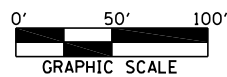
OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PLAN

SCALE: SHEET OF SHEETS STA 455+00.00 TO STA. 457+22.72

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	45
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

BM#39 - CHISELED SQUARE ON SW WING WALL
 STA 340+51.89, 14.89' RT
 ELEV= 535.87



EXISTING SN 042-3007
 STA. 340+00.24

SOUTH FORK
 OTTER CREEK

EX STONE RIPRAP
 TO REMAIN IN PLACE

EXPOSED TIMBER WINGWALLS
 AND PILES TO BE REMOVED

TIMBER

EX STONE RIPRAP
 TO REMAIN IN PLACE

TIMBER

EX 15" CMP
 TO REMAIN IN PLACE

EX ROW

FAS 749 (CH 9)
 OTTERVILLE RD

339

BK. N. ABUT.
 STA. 339+42.74

340+00

BK. S. ABUT.
 STA. 340+57.74

341

PC Sta 341+27.27

FO

FO

FO

FO

FO

FO

FO

FO

FO

FO

FO

FO

FO

FO

FO

FO

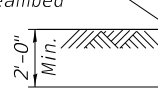
FO

FO

EX ROW

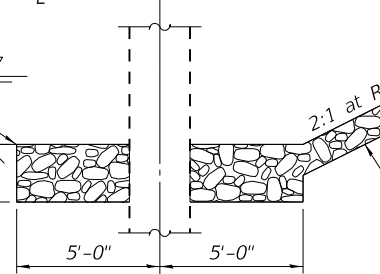
Normal WSEL = El. ±519.0

Match Existing
 Streambed



Re-grade slope and excavate
 for riprap installation, as req'd

☉ of Pier

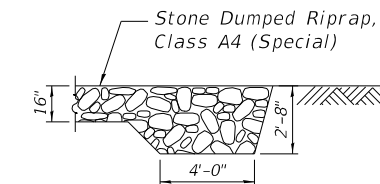


SECTION A-A
 DIMENSIONS AT RT L'S

Berm El. ±600.0

Fill and compact
 voids, as required

Stone Dumped Riprap,
 Class A4 (Special)
 (Typ.)



SECTION B-B
 STONE DUMPED RIPRAP FLANK DETAIL

NOTES:

PORTIONS OF ORIGINAL TIMBER WINGWALLS AND PILES THAT INTERFERE WITH RIPRAP INSTALLATION SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, COST INCLUDED WITH STONE DUMPED RIPRAP, CLASS A4.

EST. AVERAGE THICKNESS OF RIPRAP = 24"
 EST. QUANTITY OF RIPRAP = 205 TON (NORTH); 306 TON (SOUTH) = 511 TON

LAYOUT OF SLOPE PROTECTION SYSTEM MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

LEGEND

STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

MODEL: Default
 FILE NAME: 12230981_Jervey_South_CK_042-3007_Sheets\2698_1-shr-bridge_riprap.dgn



JOB = 2698.1
 FILE NAME = 2698.1-shr-bridge_riprap.dgn
 PLOT SCALE = 20,000' / in.
 PLOT DATE = 12/13/2024

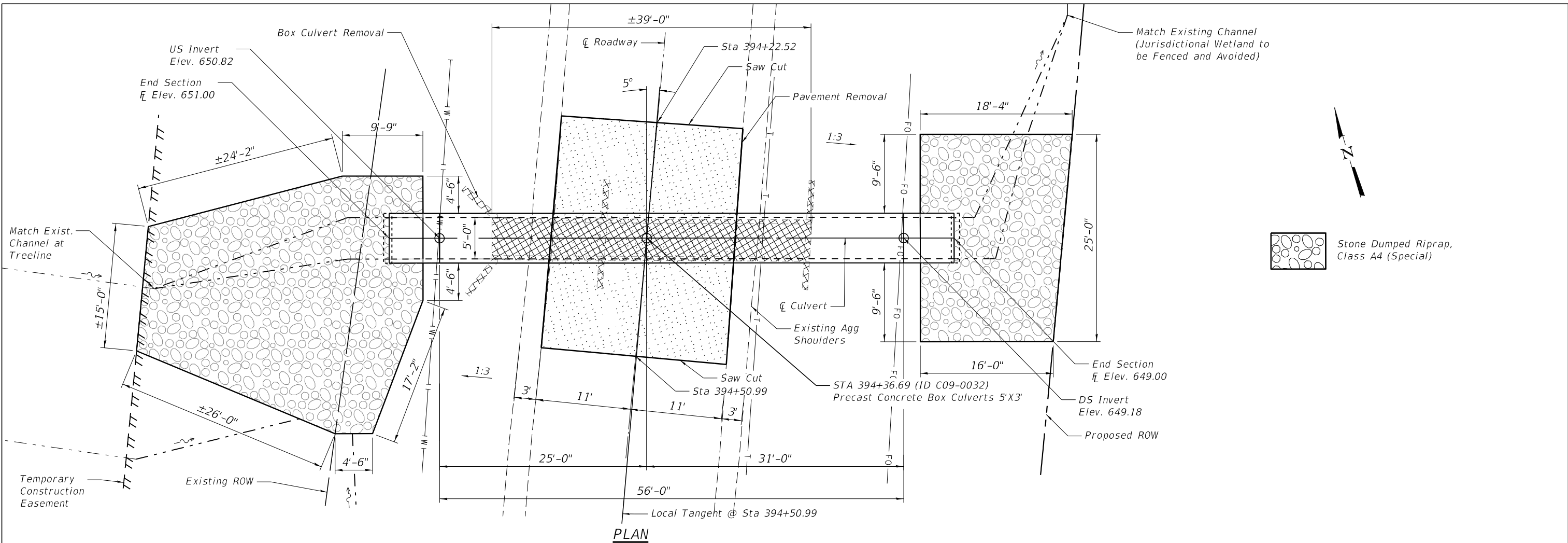
DESIGNED	- TSH	REVISED	-
DRAWN	- TSH	REVISED	-
CHECKED	- CGF	REVISED	-
DATE	- 6/4/2024	REVISED	-

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

RIPRAP REPAIR PLAN
 (SN 042-3007)

SCALE: SHEET OF SHEETS 265+00.00 TO STA. 282+00.00

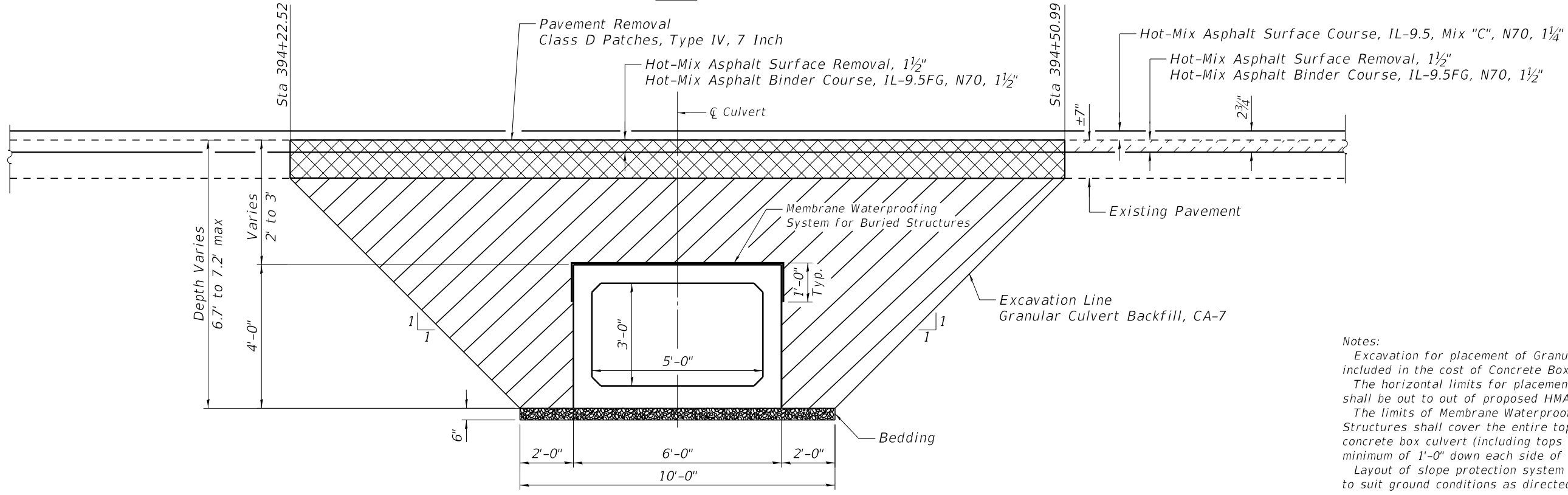
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	46
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



Stone Dumped Riprap, Class A4 (Special)



PLAN



EXCAVATION & BACKFILL DETAIL
(Horizontal Dimensions at Rt. L's to \bar{C} Culvert)

Notes:
 Excavation for placement of Granular Culvert Backfill is included in the cost of Concrete Box Culverts.
 The horizontal limits for placement of Granular Culvert Backfill shall be out to out of proposed HMA shoulders.
 The limits of Membrane Waterproofing System for Buried Structures shall cover the entire top surface of the precast concrete box culvert (including tops of end sections) extending a minimum of 1'-0" down each side of the culvert.
 Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

MODEL: Default; FILE: Model: 12/13/2024; 1 - Jersey; South; CH; 9; CADD; Sheets; 2698; 1 - pre-culvert.dgn

CEC ENGINEERS & SURVEYORS	Cummins Engineering Corporation	JOB = 2698.1	DESIGNED - TSH	REVISED -
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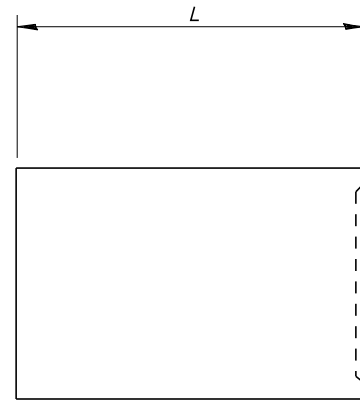
OTTERVILLE ROAD (CH 9) IMPROVEMENTS

PRECAST CONCRETE BOX CULVERT DETAILS
STA 394+36.69

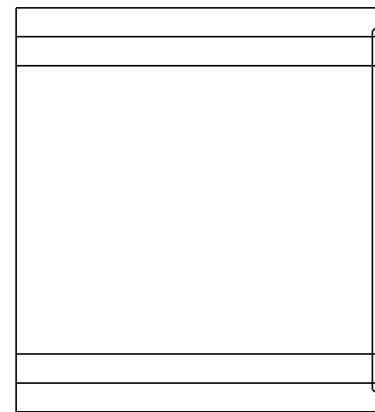
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	47
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 2 SHEETS

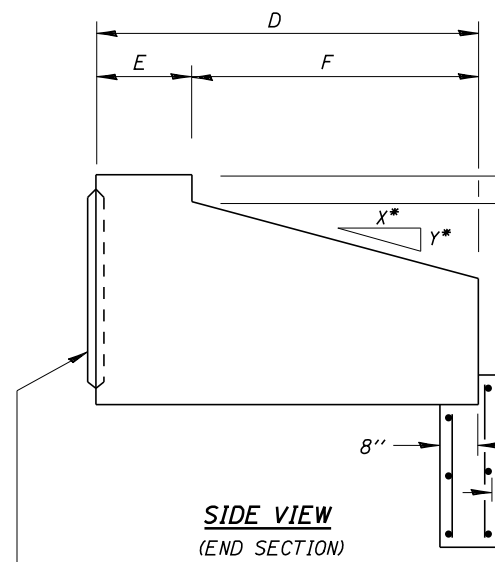
DETAIL OF PRECAST CONCRETE BOX CULVERTS AND END SECTIONS



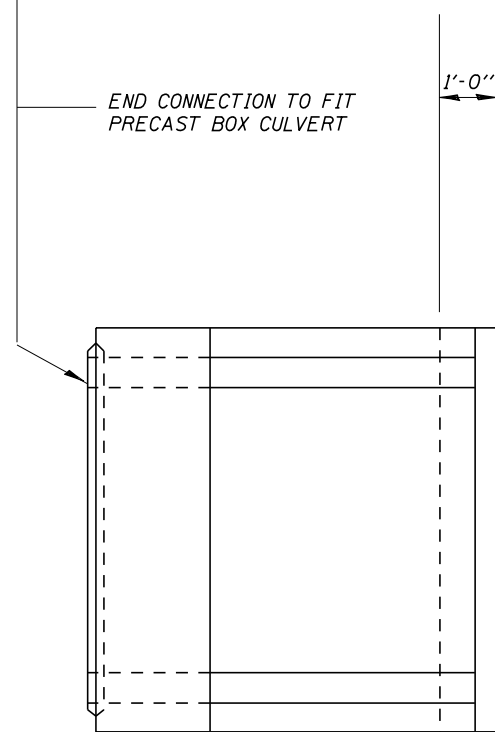
SIDE VIEW
(BARREL SECTION)



PLAN
(BARREL SECTION)

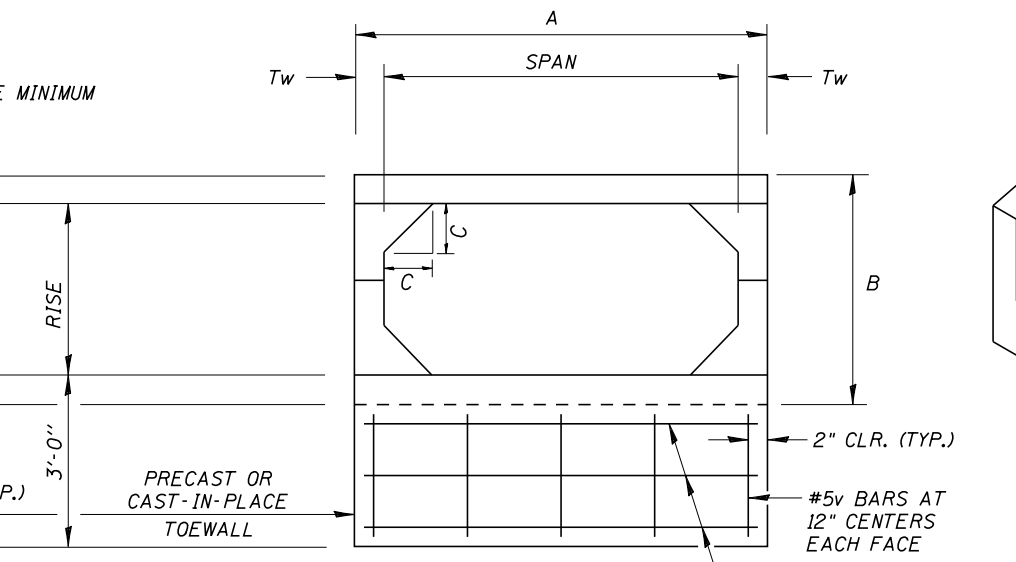


SIDE VIEW
(END SECTION)

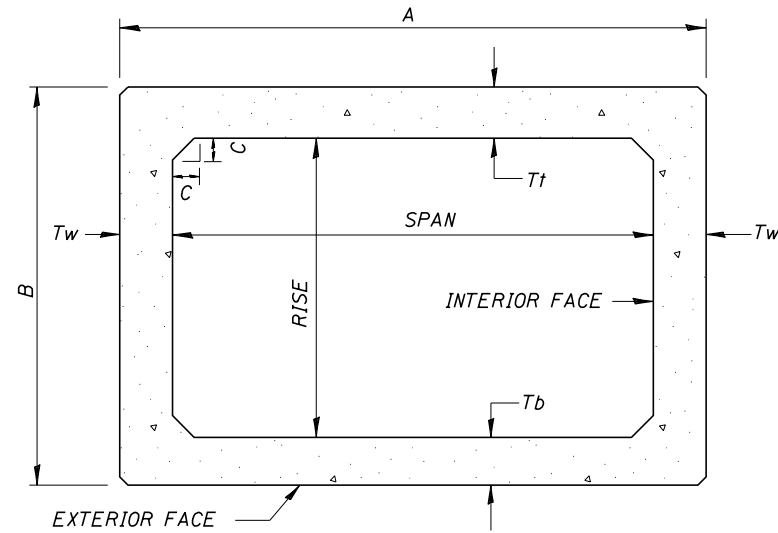


PLAN
(END SECTION)

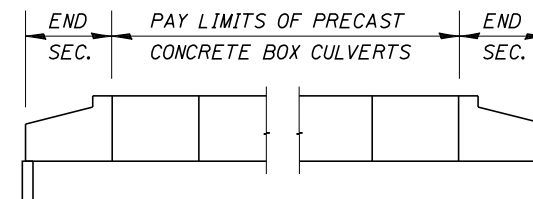
PRECAST CONCRETE BOX CULVERT



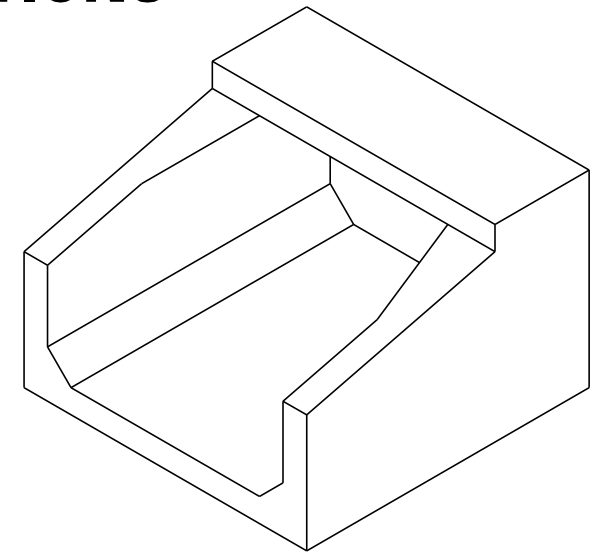
END VIEW



CROSS SECTION
END SECTION & BOX CULVERT



ELEVATION VIEW



ISOMETRIC VIEW
(END SECTION)

DESIGN SPECIFICATIONS
2020 AASHTO LRFD Bridge Design Specifications,
9th Edition

LOADING HL-93

DESIGN STRESSES (PRECAST)
f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Reinforcement)
fy = 60,000 psi (Reinforcement)

BAR LIST
TWO (2) TOEWALLS
(For information only)

Bar	No.	Size	Length	Shape
h	12	#5	5'-8"	—
v	14	#5	2'-8"	—

Notes:
All precast concrete box culvert sections shall conform to the requirements of ASTM C 1577.
Lifting holes shall be filled with concrete plugs and mastic after box sections are in place.
Cost of concrete toewalls shall not be paid for separately. Cost included with Box Culvert End Sections.

Station	Span	Rise	ASTM Designation	Design Fill Height	THICKNESS (INCHES)			A (FT.-IN.)	B (FT.-IN.)	C (INCHES)	D (FT.-IN.)	E (FT.-IN.)	F (FT.-IN.)	G (FT.-IN.)	H (FT.-IN.)	L (FT.-IN.)	SLOPE X : Y
					Tt (top slab)	Td (bot. slab)	Tw (wall)										
394+36.69	5'	3'	C1577	2'<3'	6"	6"	6"	6'-0"	4'-0"	6"	6'-0"	2'-0"	4'-0"	1'-8"	1'-4"	8'-0"	1:3

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CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

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FILE NAME = 2698.1-sht-prec-culv.dgn
PLOT SCALE = 40,0000' / in.
PLOT DATE = 12/13/2024

DESIGNED - TSH
DRAWN - CDS
CHECKED - KSC
DATE - 8/27/2024

REVIS
REVISE
REVISE
REVISE

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

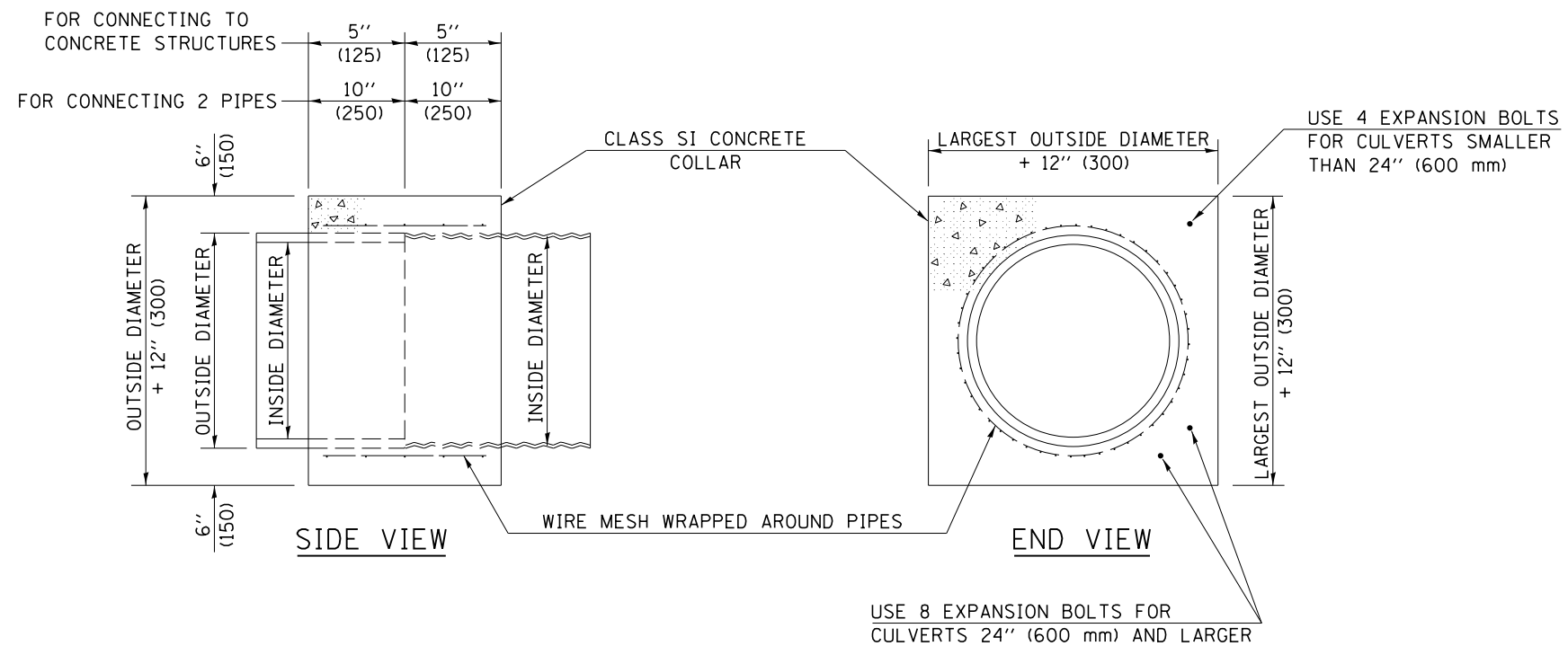
PRECAST CONCRETE BOX CULVERT DETAILS
STA 394+36.69

SCALE: SHEET 1 OF 2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	48
CONTRACT NO. 97854				

ILLINOIS FED. AID PROJECT

DETAIL OF CONCRETE COLLAR



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)

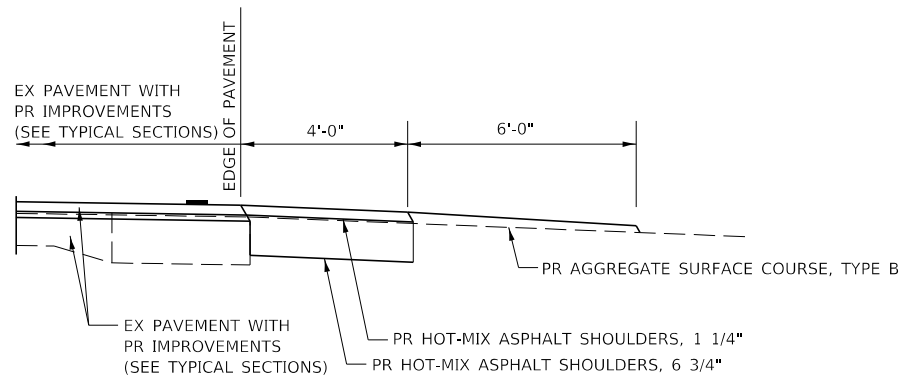
GENERAL NOTES

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.

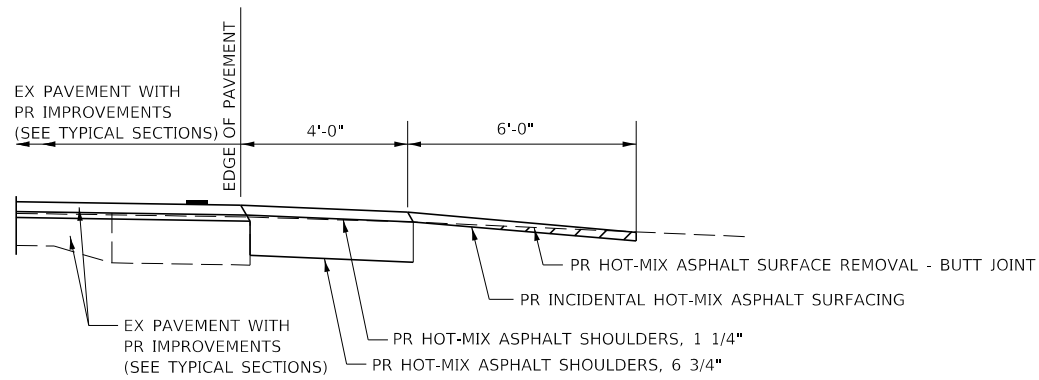
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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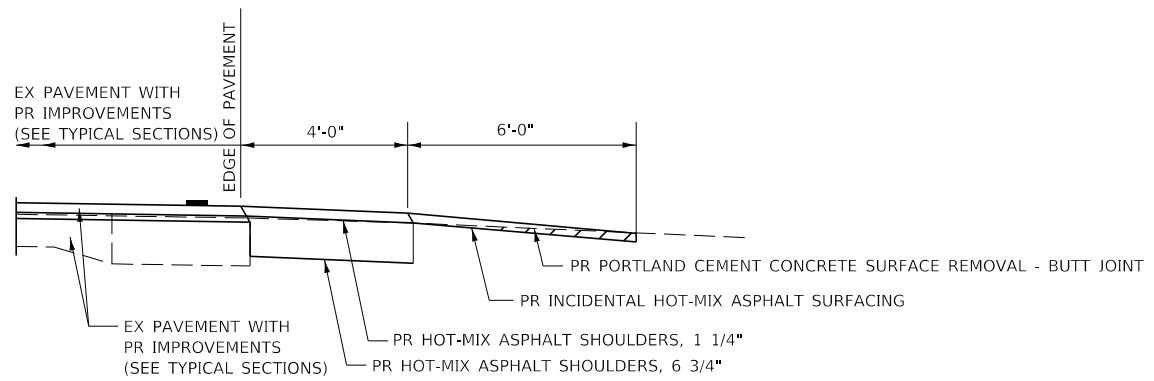
CEC Cummins Engineering Corporation ENGINEERS & SURVEYORS	JOB = 2698.1	DESIGNED - CGF	REVISED -	OTTERVILLE ROAD (CH 9) IMPROVEMENTS	CONCRETE COLLAR DETAIL		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 2698.1-sht-collar.dgn	DRAWN - DJR	REVISED -				749	22-00024-04-SP	JERSEY	102	49
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PLOT DATE = 10/29/2024	DATE - 8/15/2023	REVISED -			ILLINOIS FED. AID PROJECT						



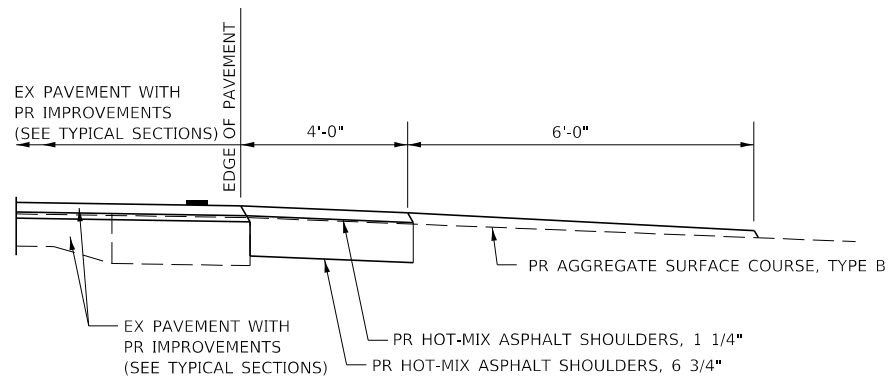
SECTION A-A FOR EX EARTH / AGGREGATE FE/AGGREGATE PE



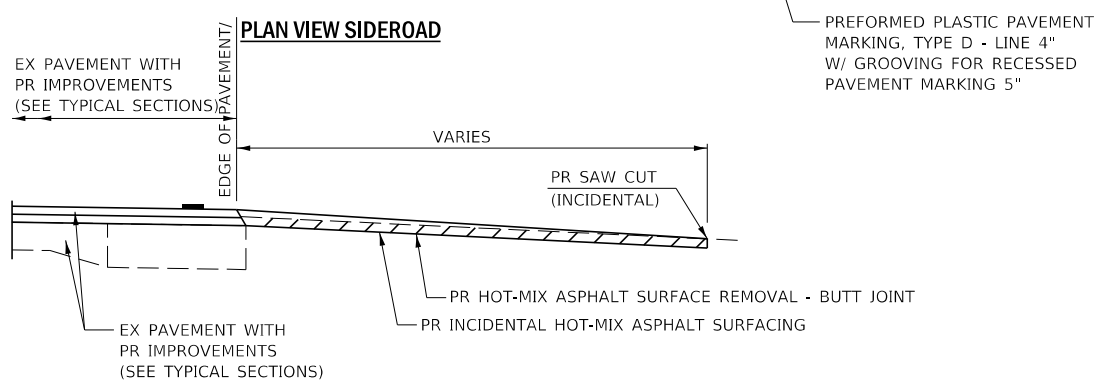
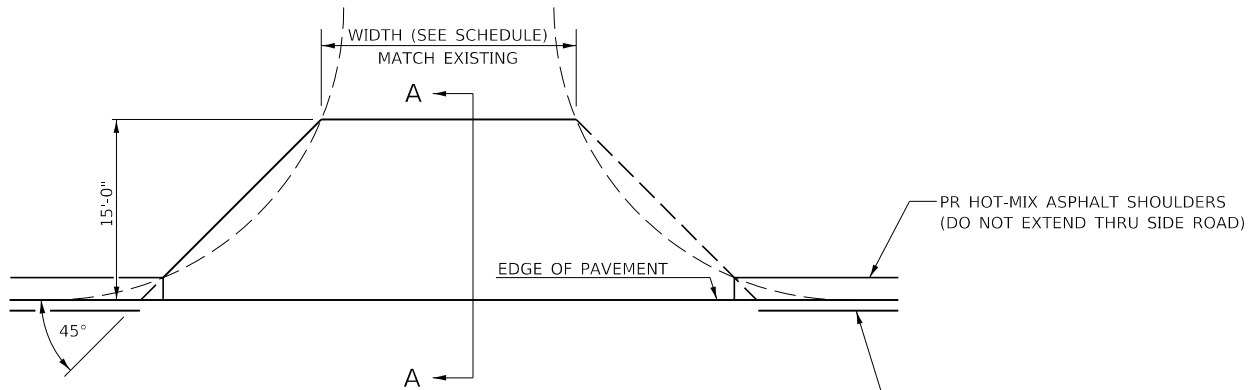
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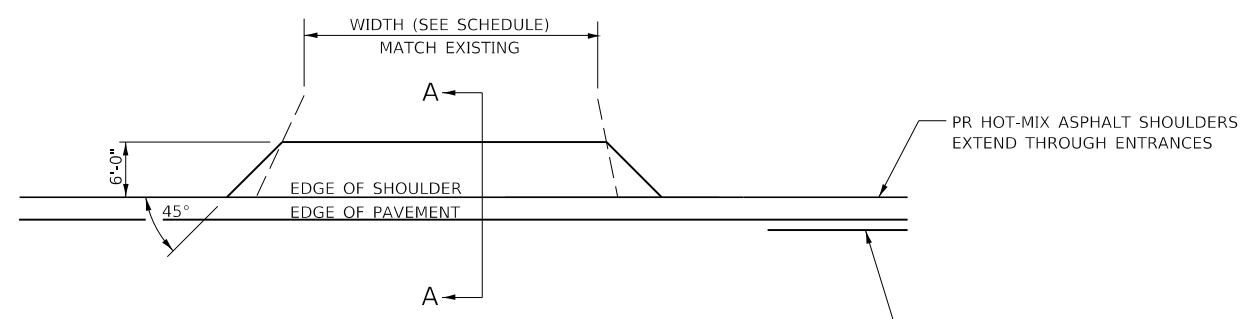
SECTION A-A FOR EX CONC PE



SECTION A-A FOR EX AGGREGATE CE



SECTION A-A FOR EX HMA SIDE ROAD



PLAN VIEW ENTRANCES

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.

HOT-MIX ASPHALT REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 408, 423, 440, AND 482 OF THE STANDARD SPECIFICATIONS.

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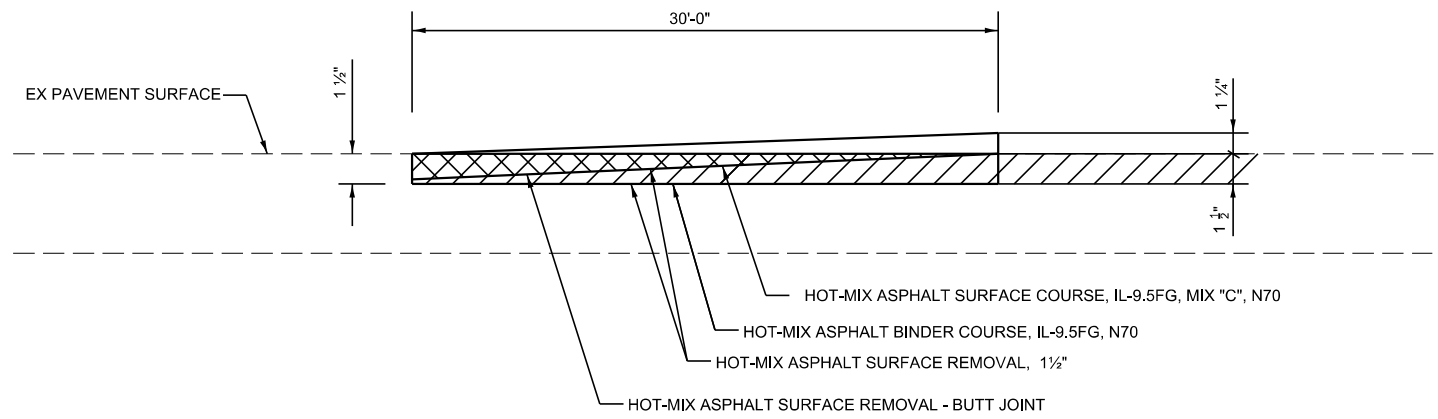


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DRAWN -	CGF	REVISED -			
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PLOT DATE	■ 10/29/2024	DATE -	8/07/2024	REVISED -	

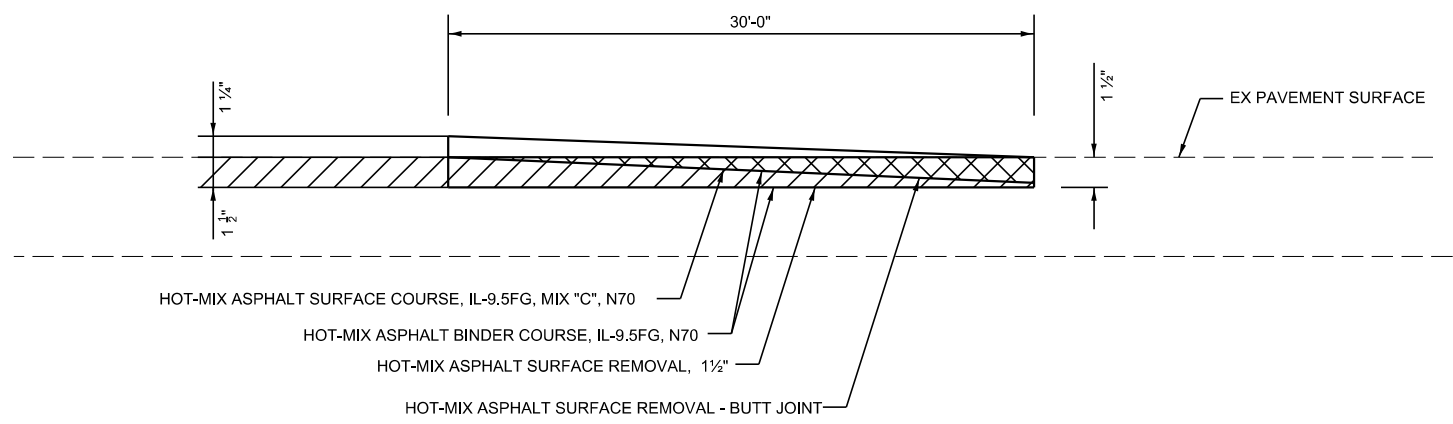
OTTERVILLE ROAD (CH 9) IMPROVEMENT

ENTRANCE DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

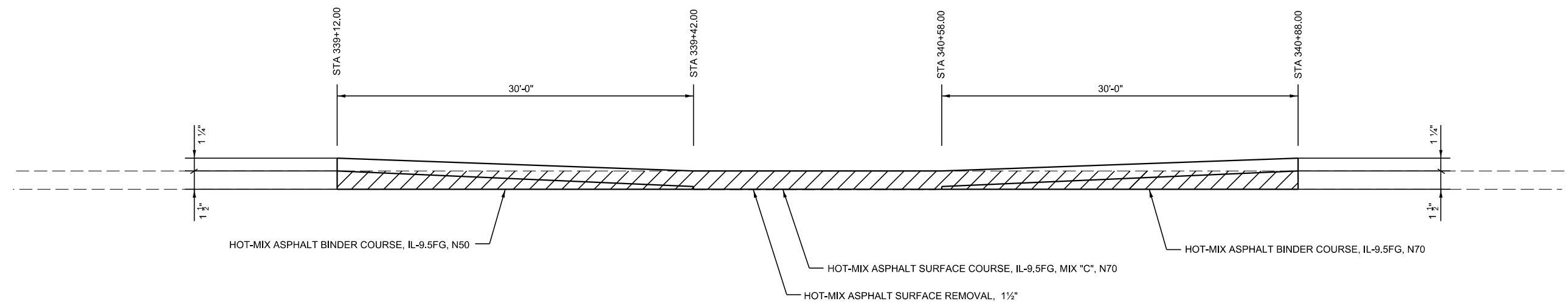
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	50
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



BUTT JOINT DETAIL
STA 268+16.00 TO 268+46.00



BUTT JOINT DETAIL
STA 456+24.00 TO 456+54.00



BUTT JOINT DETAIL AT BRIDGE
STA 339+12.00 TO 340+88.00

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OTTERVILLE ROAD (CH 9) IMPROVEMENT

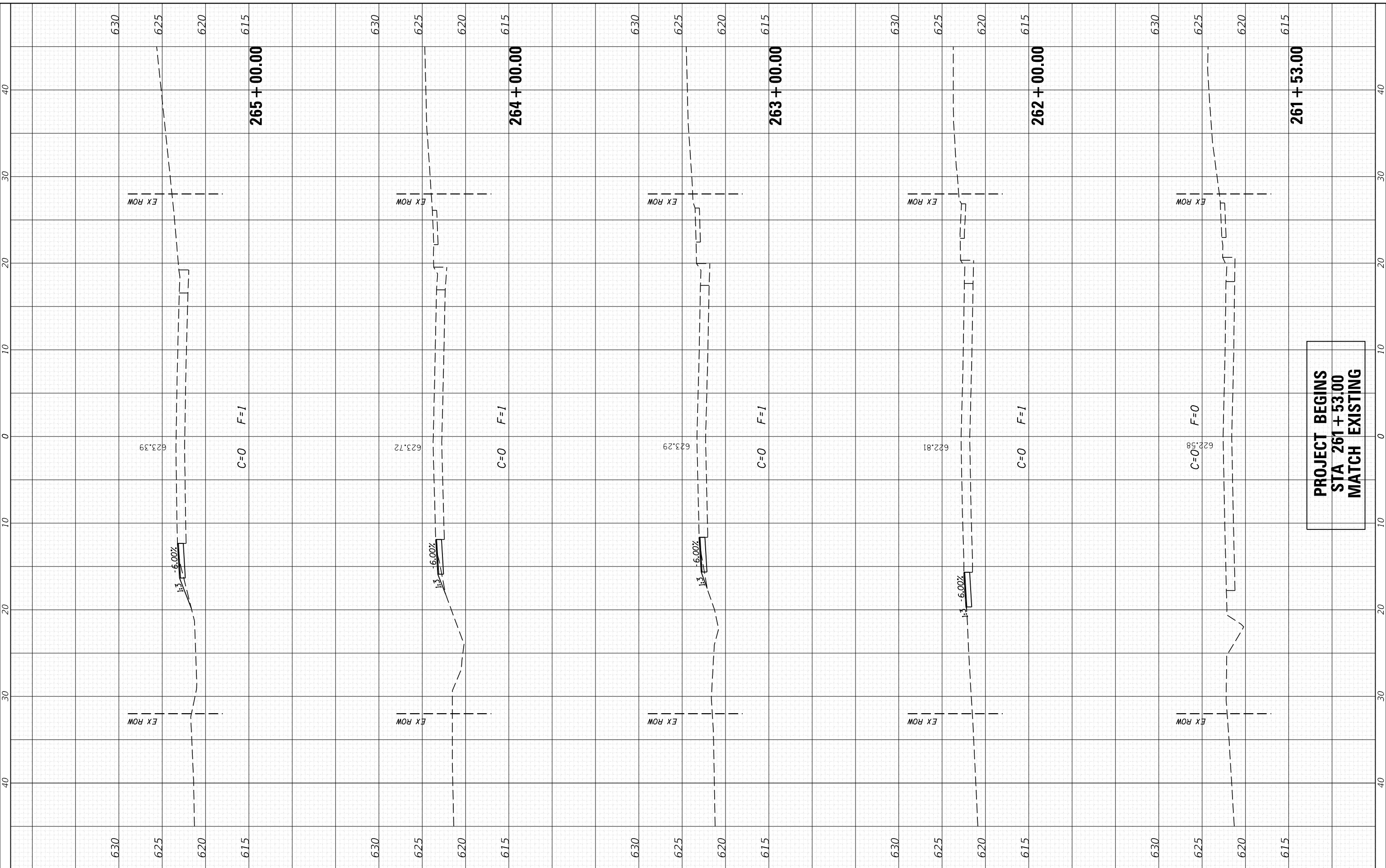
BUTT JOINT DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-SP	JERSEY	102	51
CONTRACT NO. 97854				
ILLINOIS			FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

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PLOT SCALE = 10,0000 ' / in.
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DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

REVISED -
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

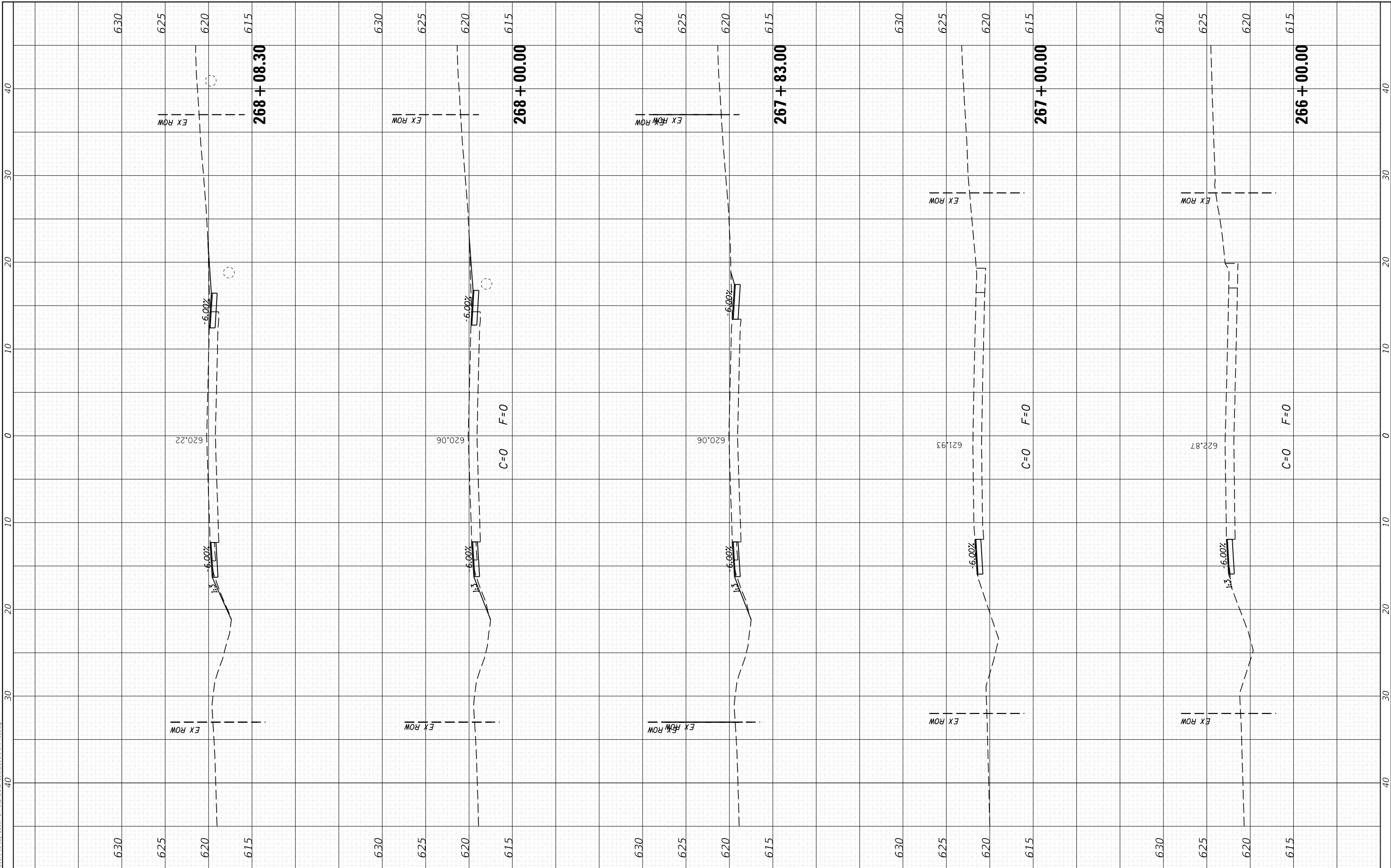
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CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

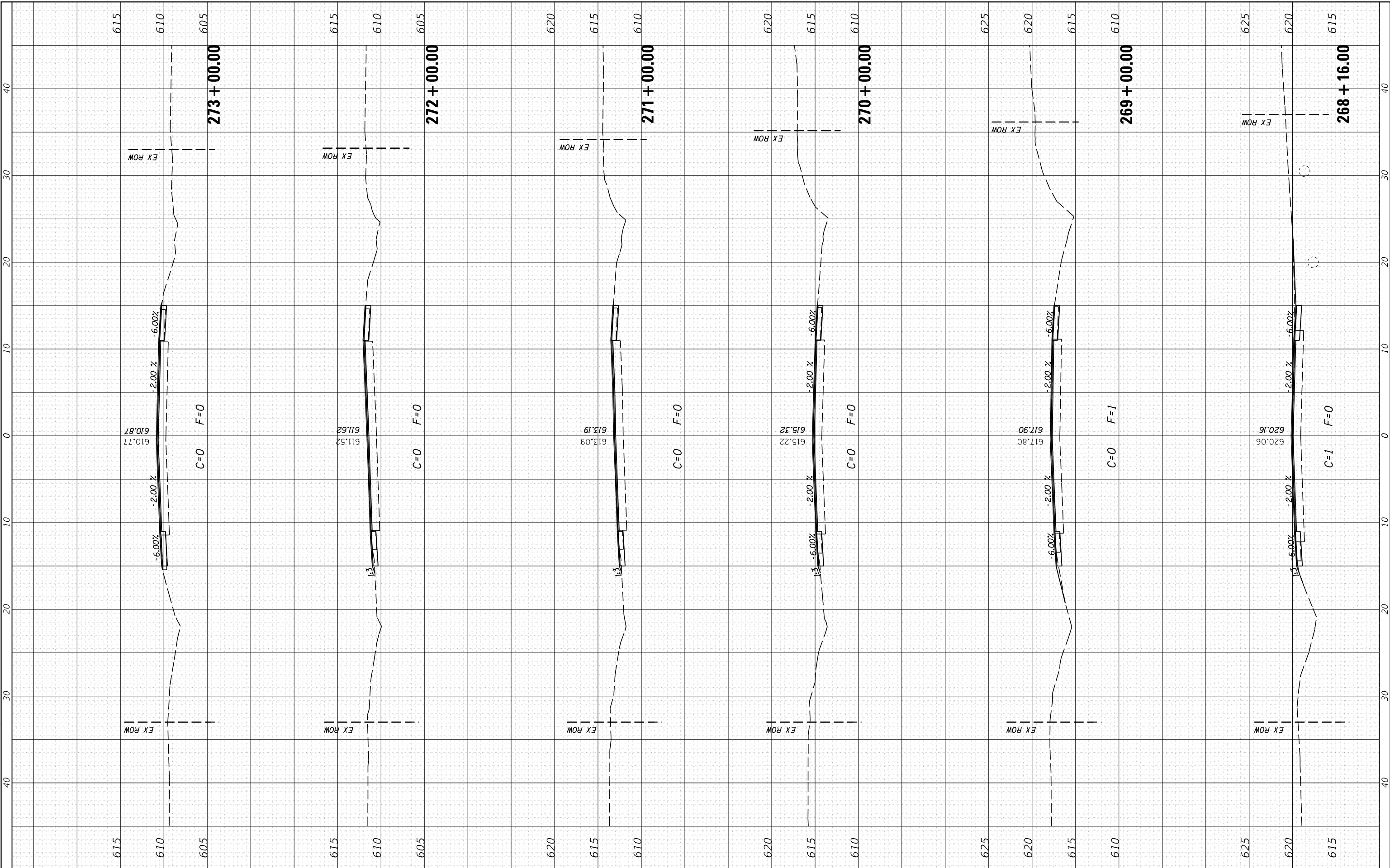
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CONTRACT NO. 97854				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

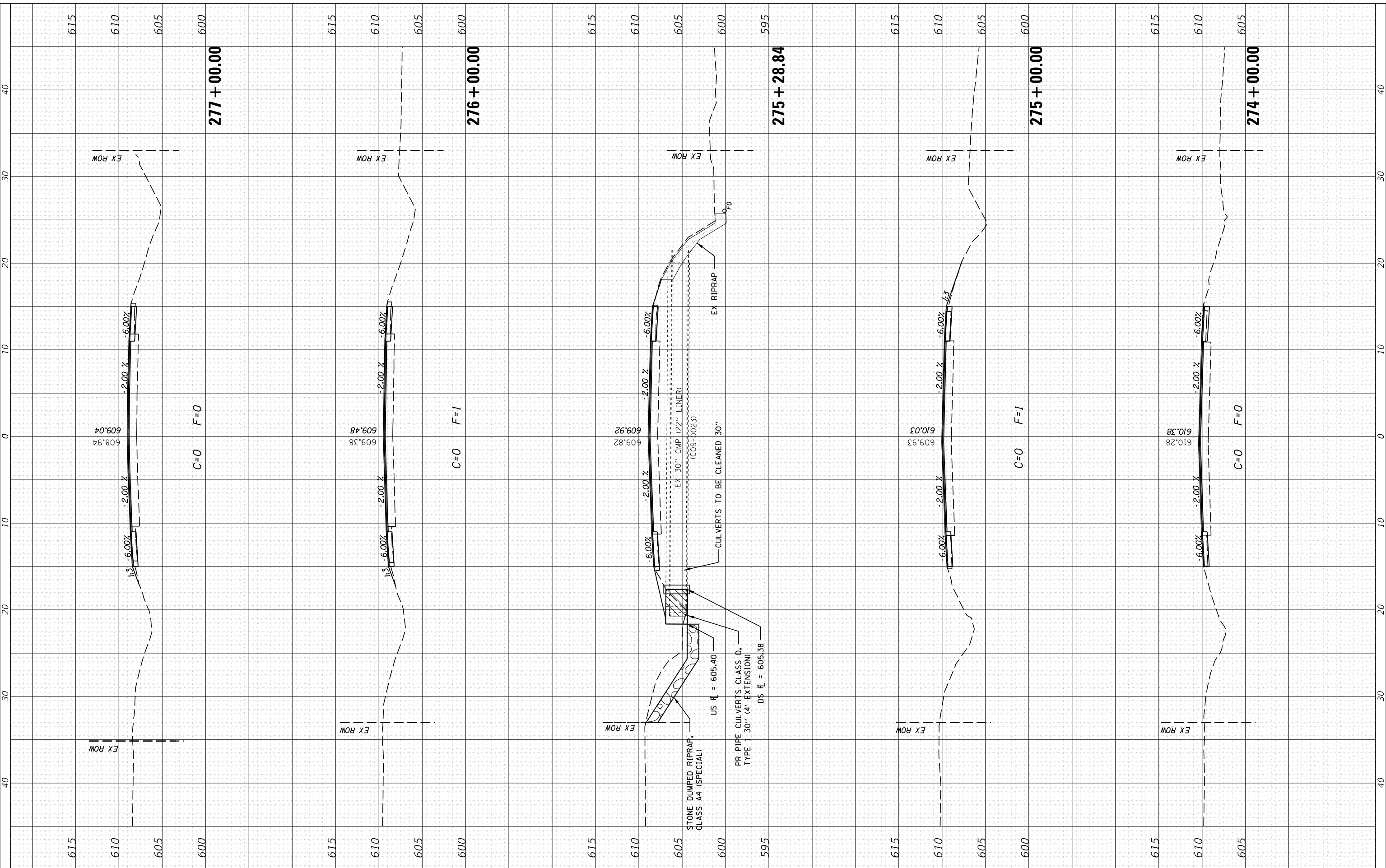
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F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 54
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97854	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

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DESIGNED - CGF
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

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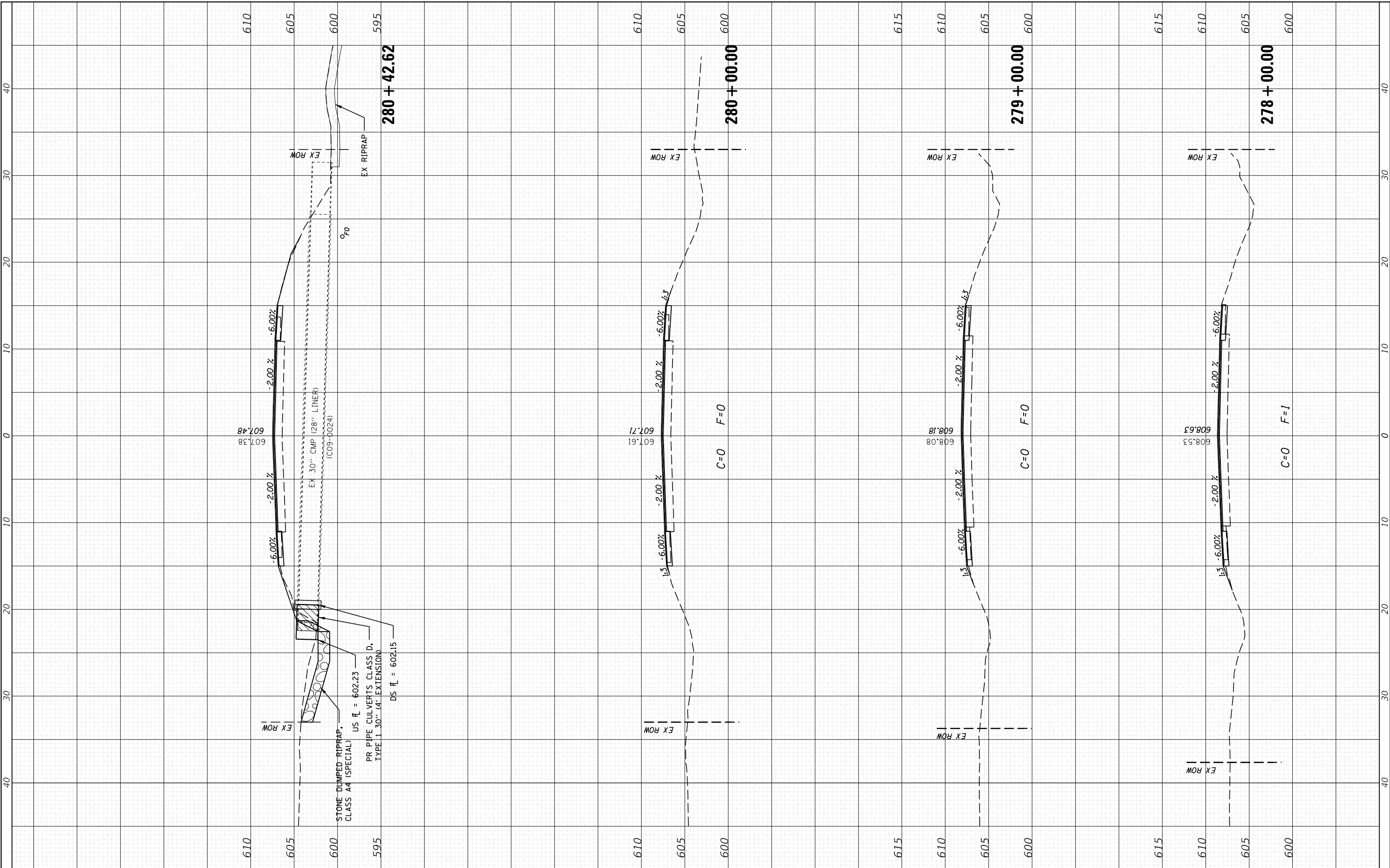
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CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

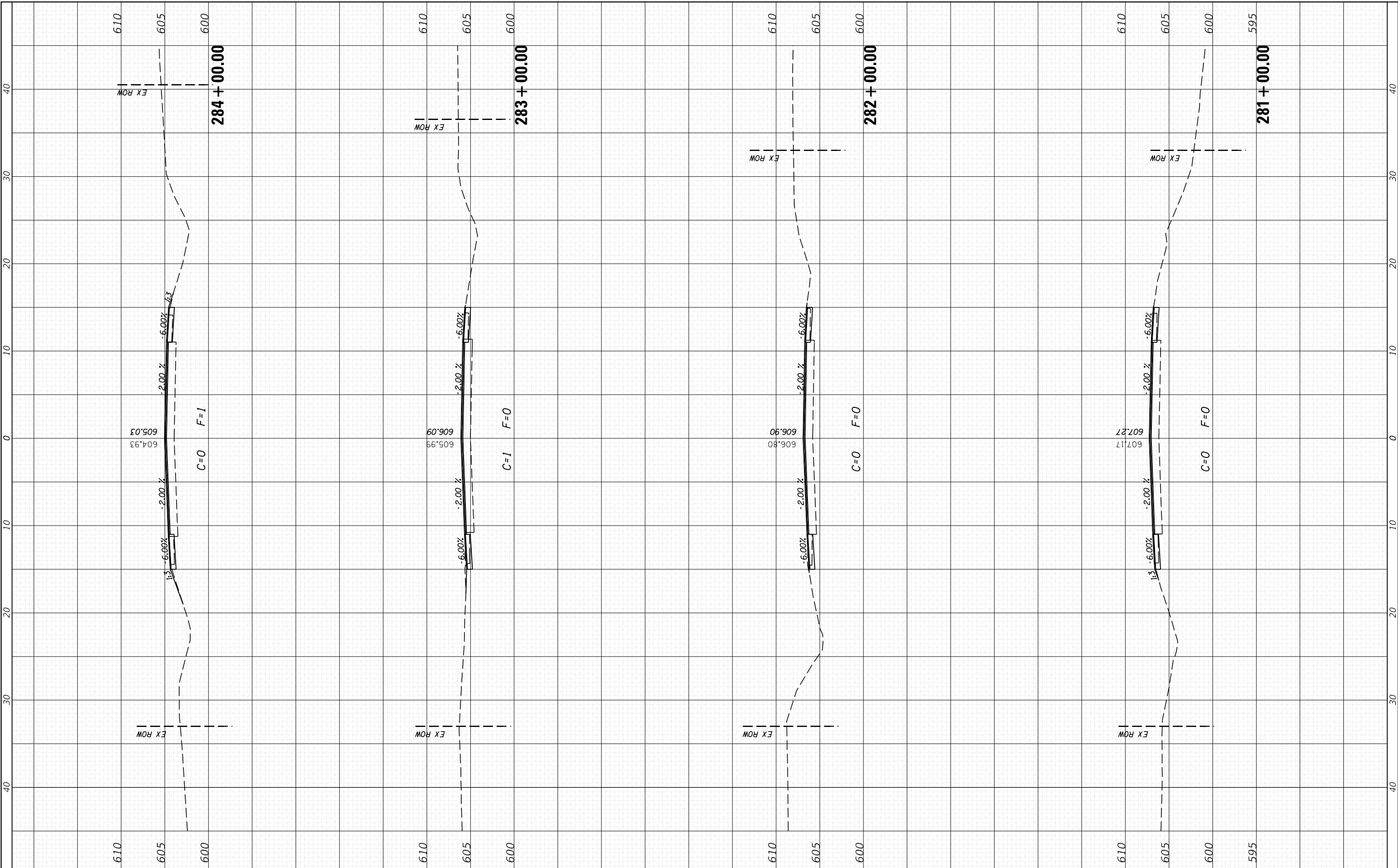
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CONTRACT NO. 97854				
ILLINOIS		FED. AID PROJECT		

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

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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

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REVISED -
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 REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

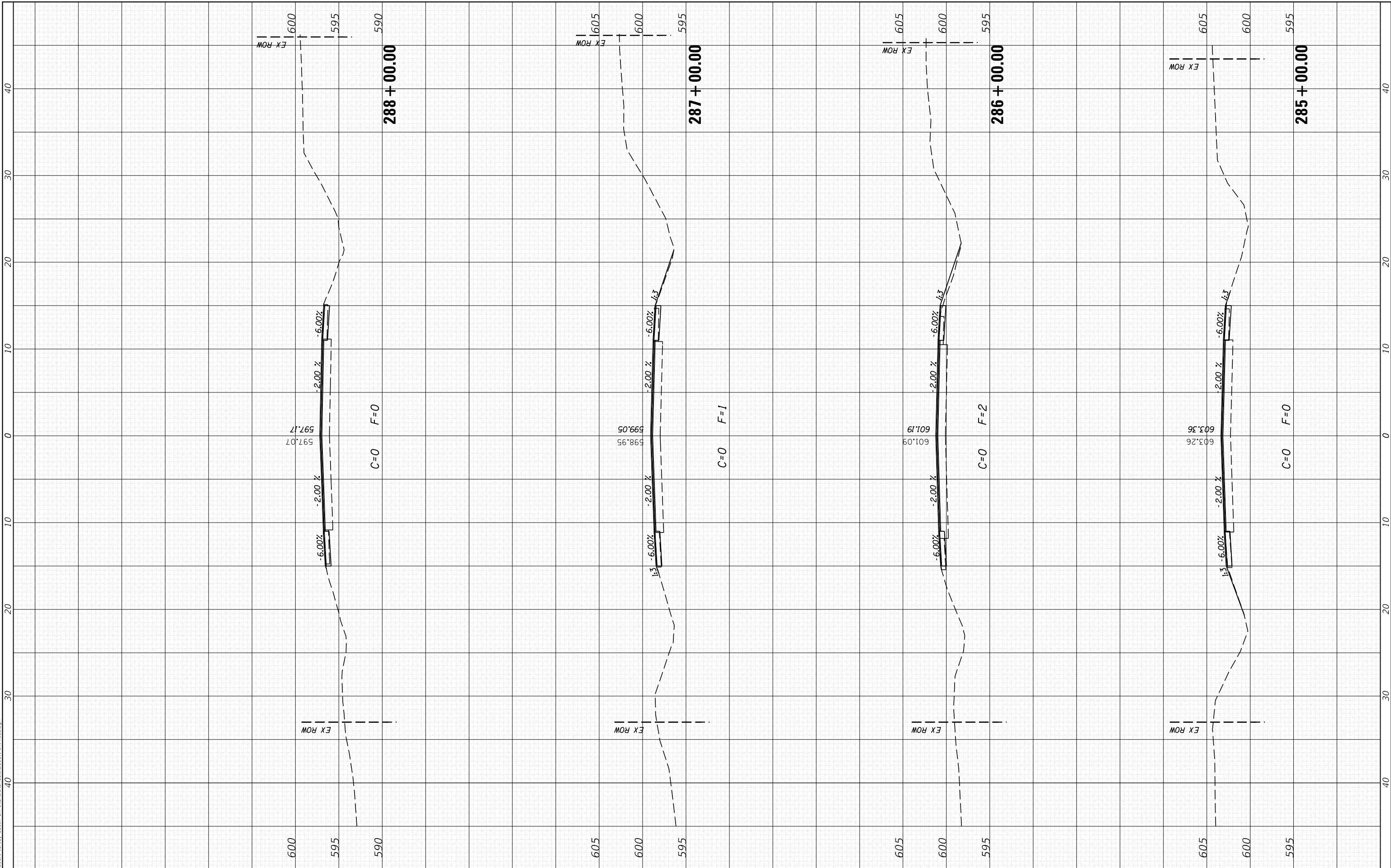
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F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 57
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

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DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

REVISED -
REVISED -
REVISED -
REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 285+00.00 TO STA. 288+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	58
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Definit
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CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

JOB = 2698.1
 FILE NAME = 2698.1-sh-xsec.dgn
 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 12/13/2024

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 9/25/2025

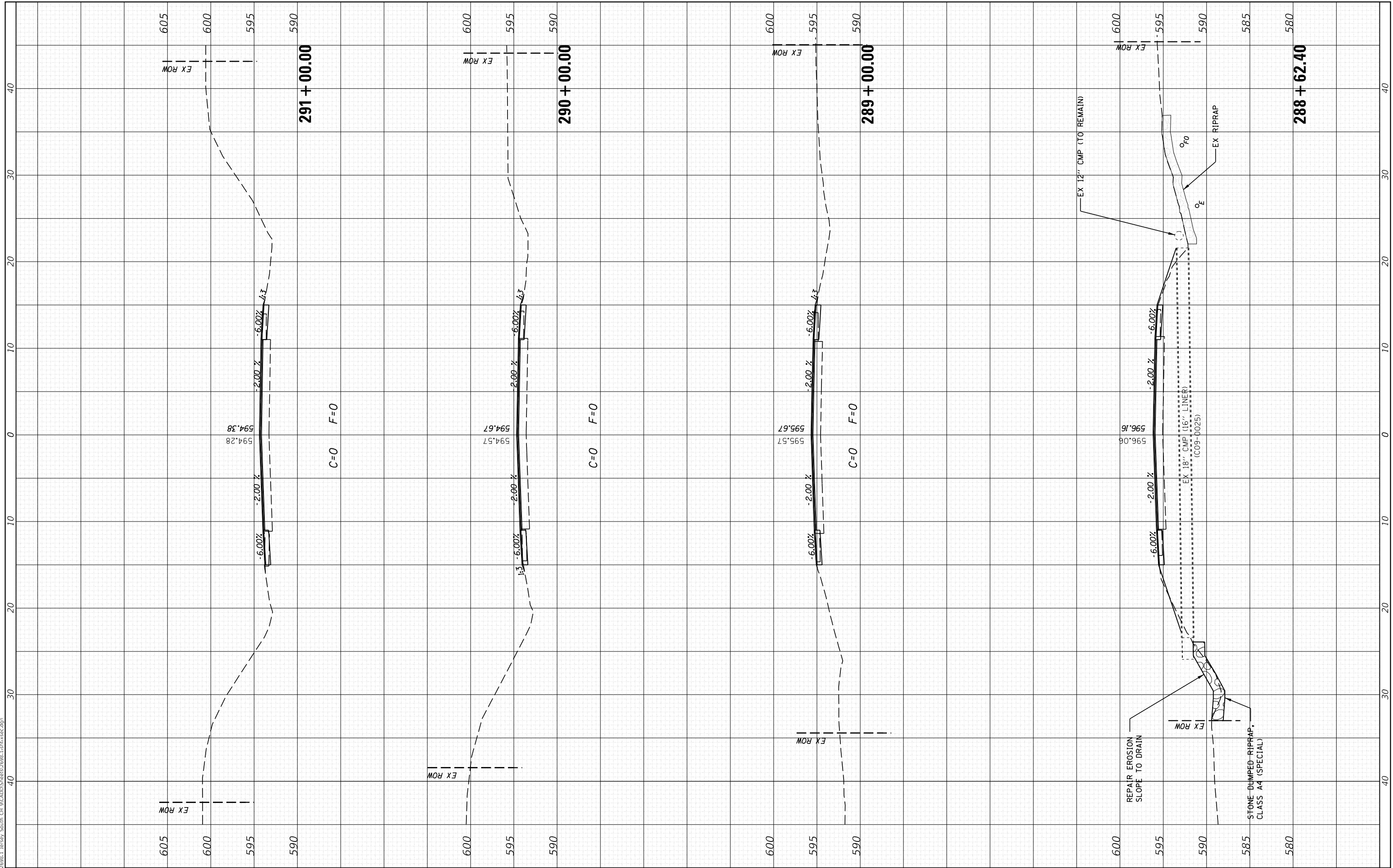
REVISED -
 REVISED -
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 REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 288+62.40 TO STA. 291+00.00

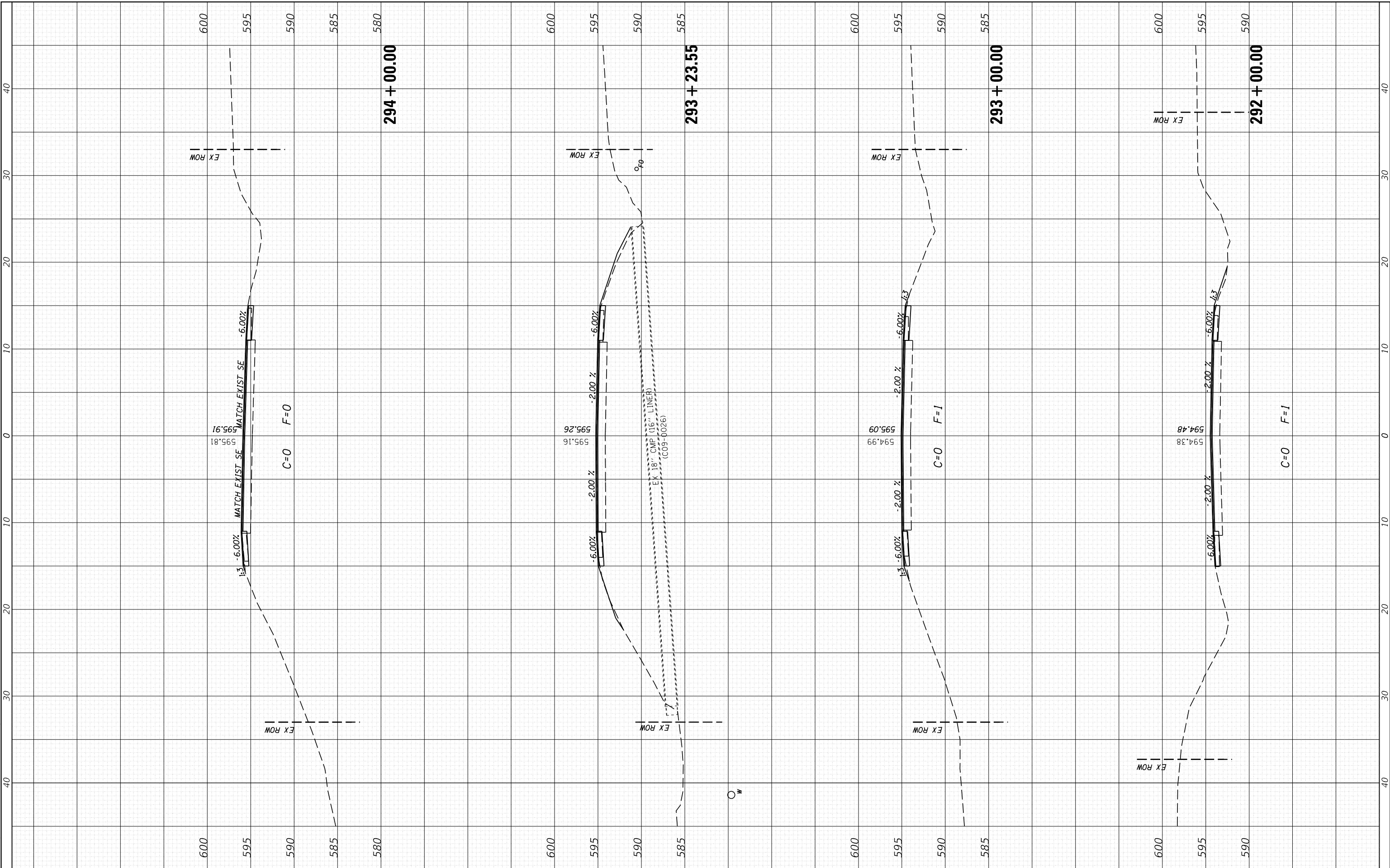
F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 59
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97854	



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defnair
FILE NAME: H:\2698.1 Jersey South CH 9\CADD\Sheet\2698.1-sht-xsec.dgn



CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-sht-xsec.dgn
PLOT SCALE = 10,000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

REVISED -
REVISED -
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REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

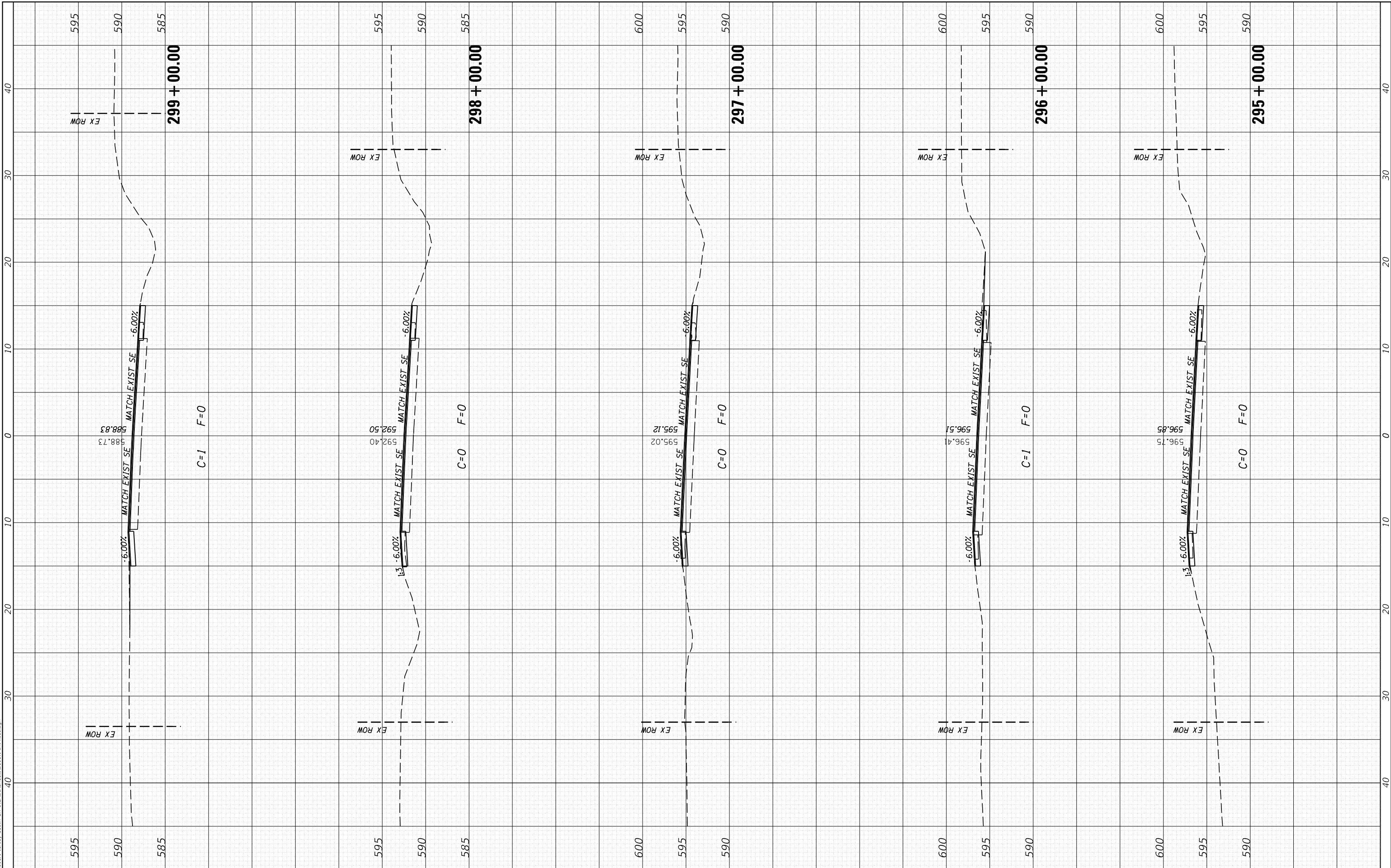
SCALE: SHEET OF SHEETS STA. 292+00.00 TO STA. 294+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	60
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

JOB = 2698.1
 FILE NAME = 2698.1-5ht-xsec.dgn
 PLOT SCALE = 10,000' / in.
 PLOT DATE = 12/13/2024

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 9/25/2025

REVISED -
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

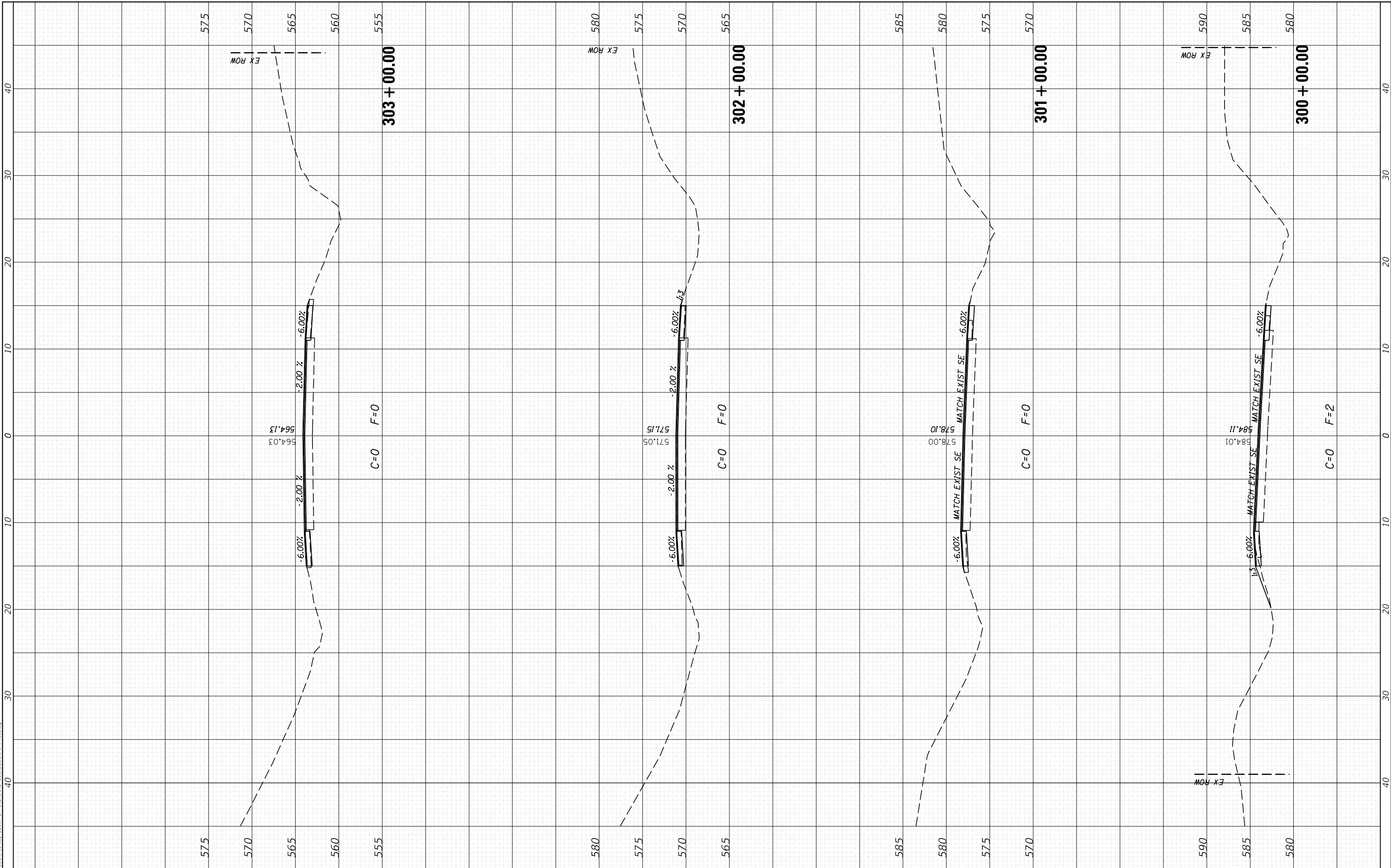
SCALE: SHEET OF SHEETS STA. 295+00.00 TO STA. 299+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 61
CONTRACT NO. 97854				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: Defaul
FILE NAME: H:\2698.1 Jersey South CH 9\CADD\Sheet\2698.1-5ht-xsec.dgn



CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-5ht-xsec.dgn
PLOT SCALE = 10,0000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

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REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

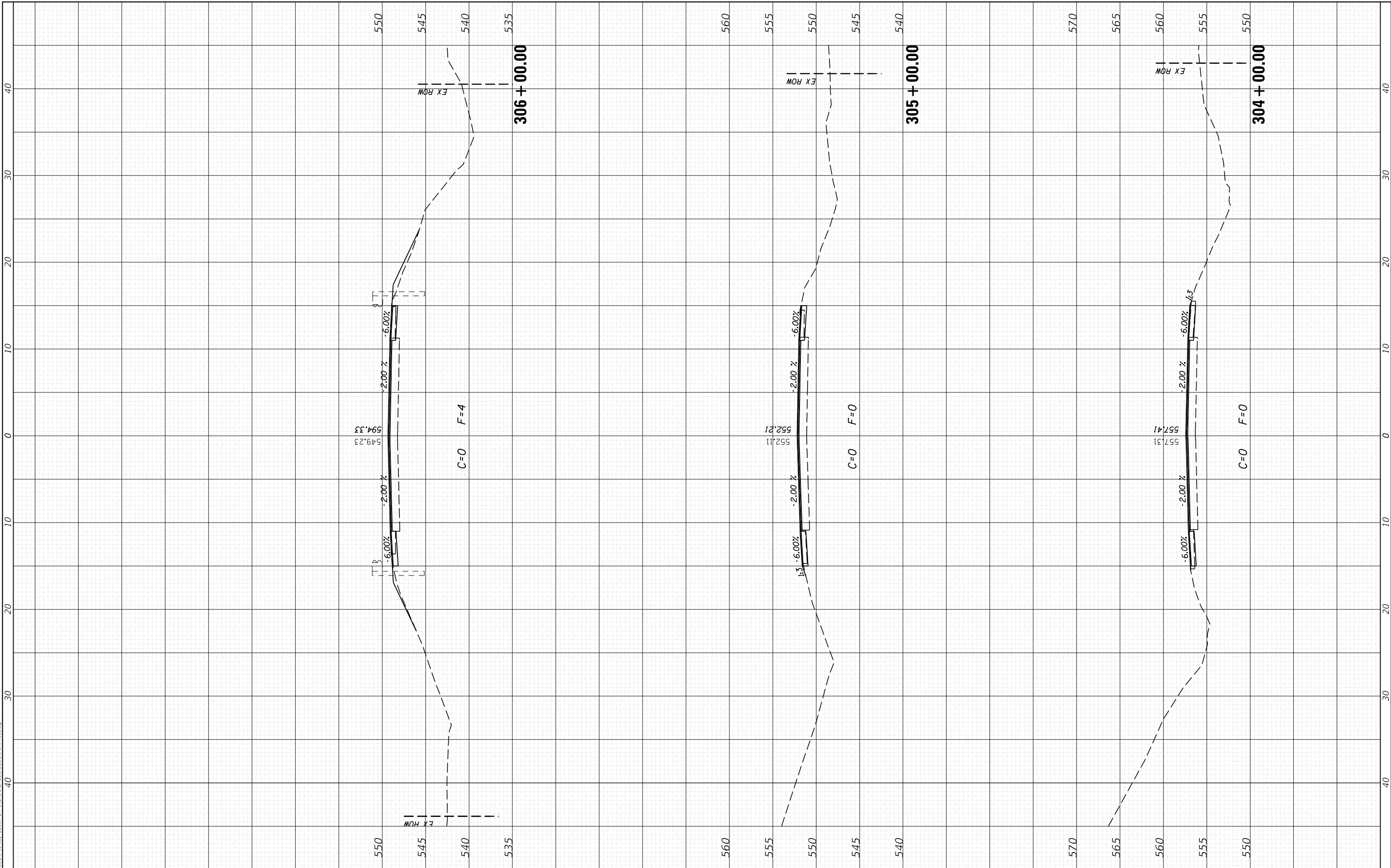
SCALE:	SHEET	OF	SHEETS	STA. 300+00.00	TO STA. 303+00.00
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F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 62
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defaulr
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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-5ht-xsec.dgn
PLOT SCALE = 10,0000 ' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

REVISED -
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

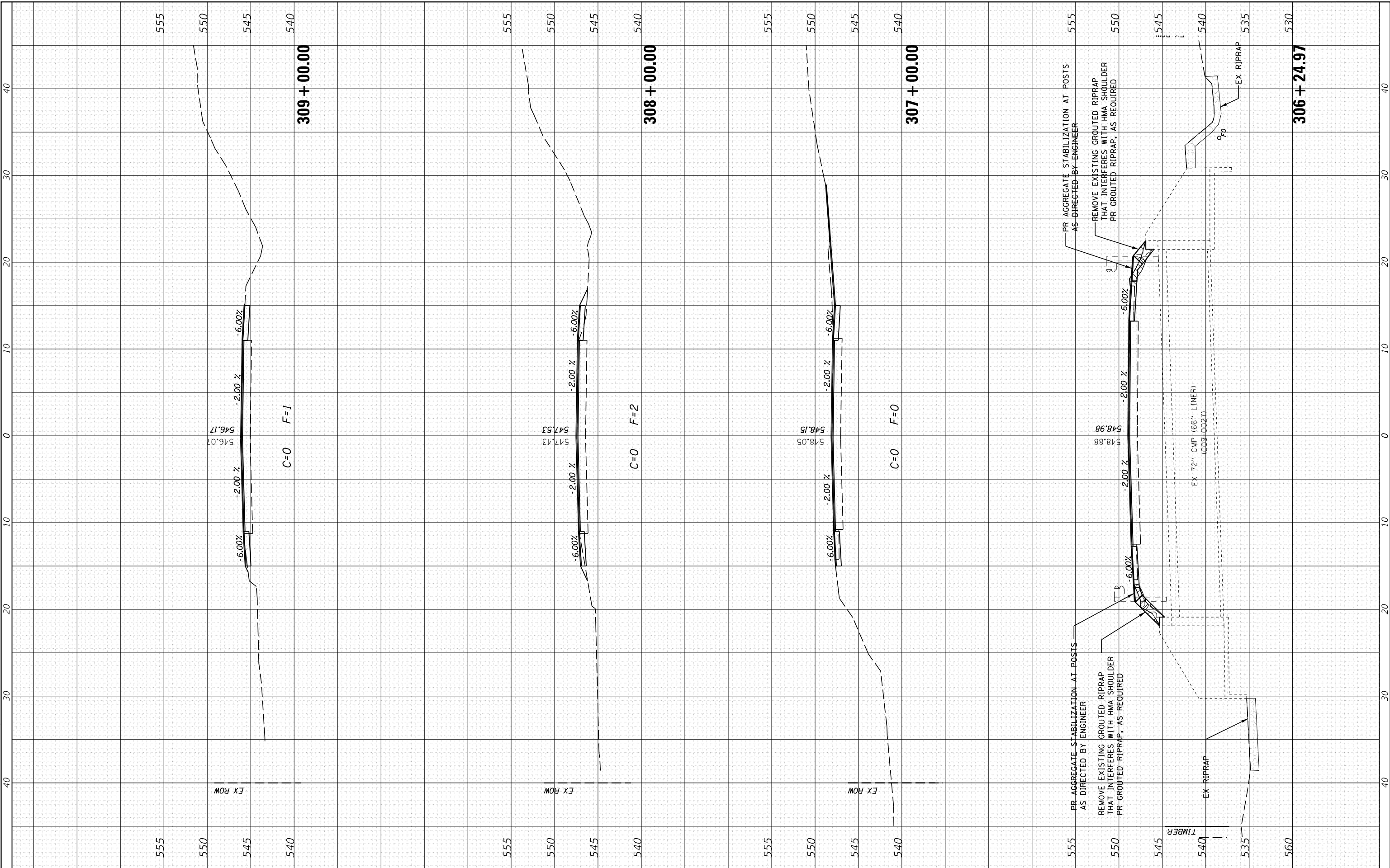
SCALE: SHEET OF SHEETS STA. 304+00.00 TO STA. 306+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 63
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defn.rvt
FILE NAME: P22898.1 - Jersey_South_CH 9(CADD)Shts2898.1-sht-xsec.dgn



CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-sht-xsec.dgn
PLOT SCALE = 10,000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

REVISED -
REVISED -
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REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

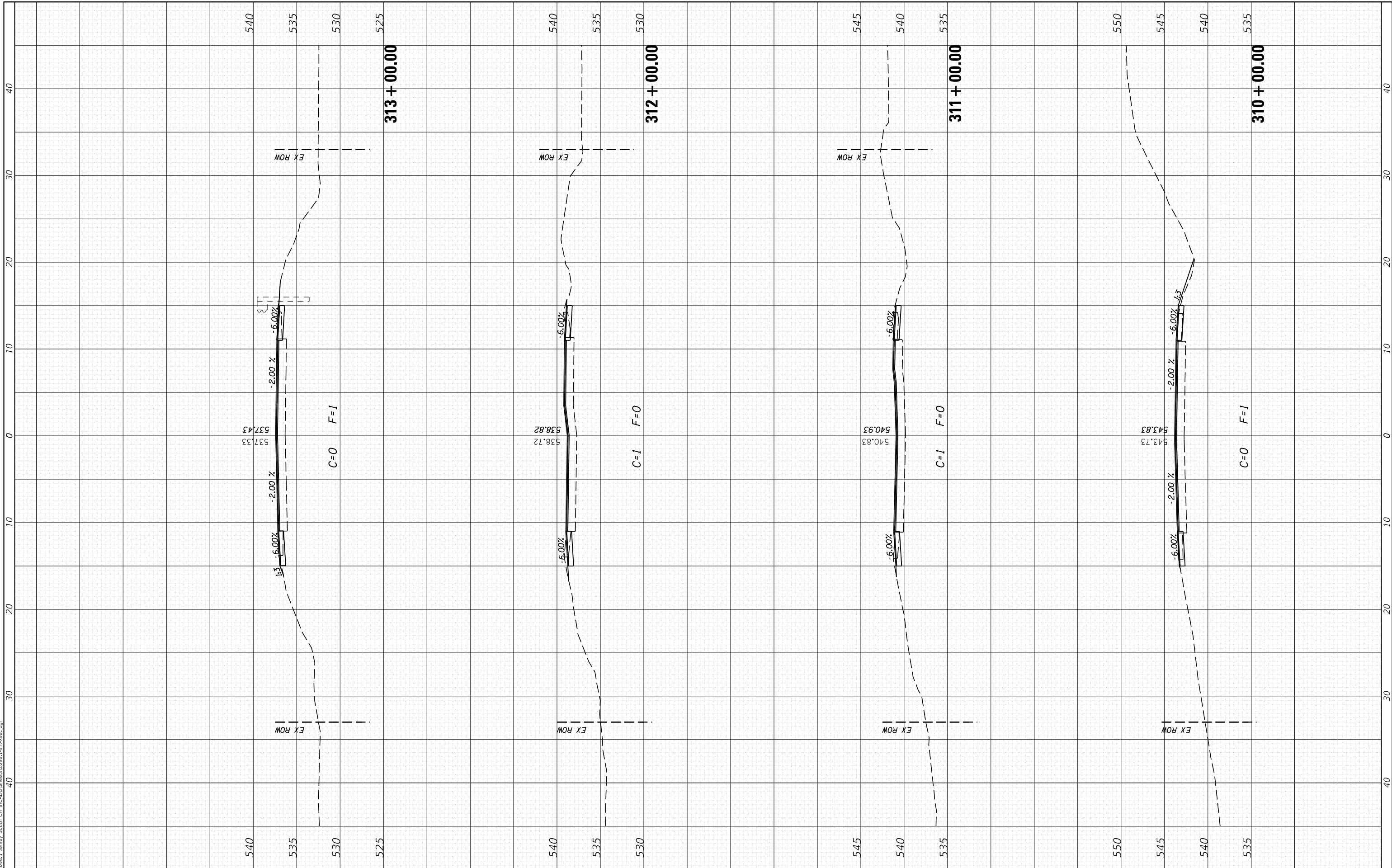
SCALE: SHEET OF SHEETS STA. 306+24.97 TO STA. 309+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	64
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1	DESIGNED - CGF
FILE NAME = 2698.1-5ht-xsec.dgn	DRAWN - CGF
PLOT SCALE = 10,0000 ' / in.	CHECKED - TSH
PLOT DATE = 12/13/2024	DATE - 9/25/2025

REVISED -	REVISED -
REVISED -	REVISED -
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REVISED -	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCALE:		SHEET OF SHEETS		STA. 310+00.00 TO STA. 313+00.00	
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CROSS SECTIONS	
F.A.S. RTE. 749	SECTION 22-00024-04-5P
COUNTY ILLINOIS	TOTAL SHEETS 102
FED. AID PROJECT	SHEET NO. 65
CONTRACT NO. 97854	

FINAL SURVEY NO.	SURVEY PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEY PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-sht-xsec.dgn
PLOT SCALE = 10,0000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

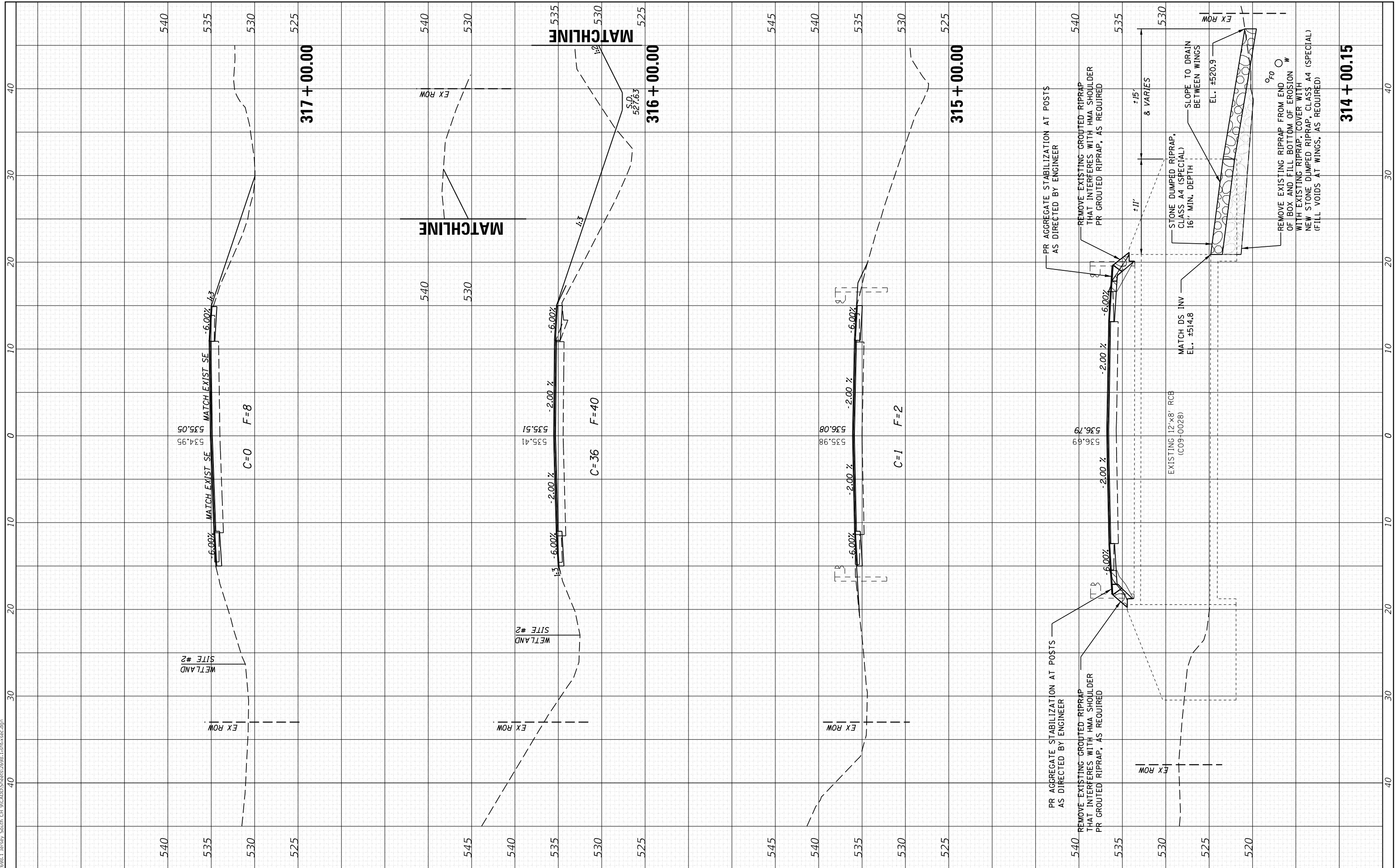
REVISED -
REVISED -
REVISED -
REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 314+00.15 TO STA. 317+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97854	



314 + 00.15

315 + 00.00

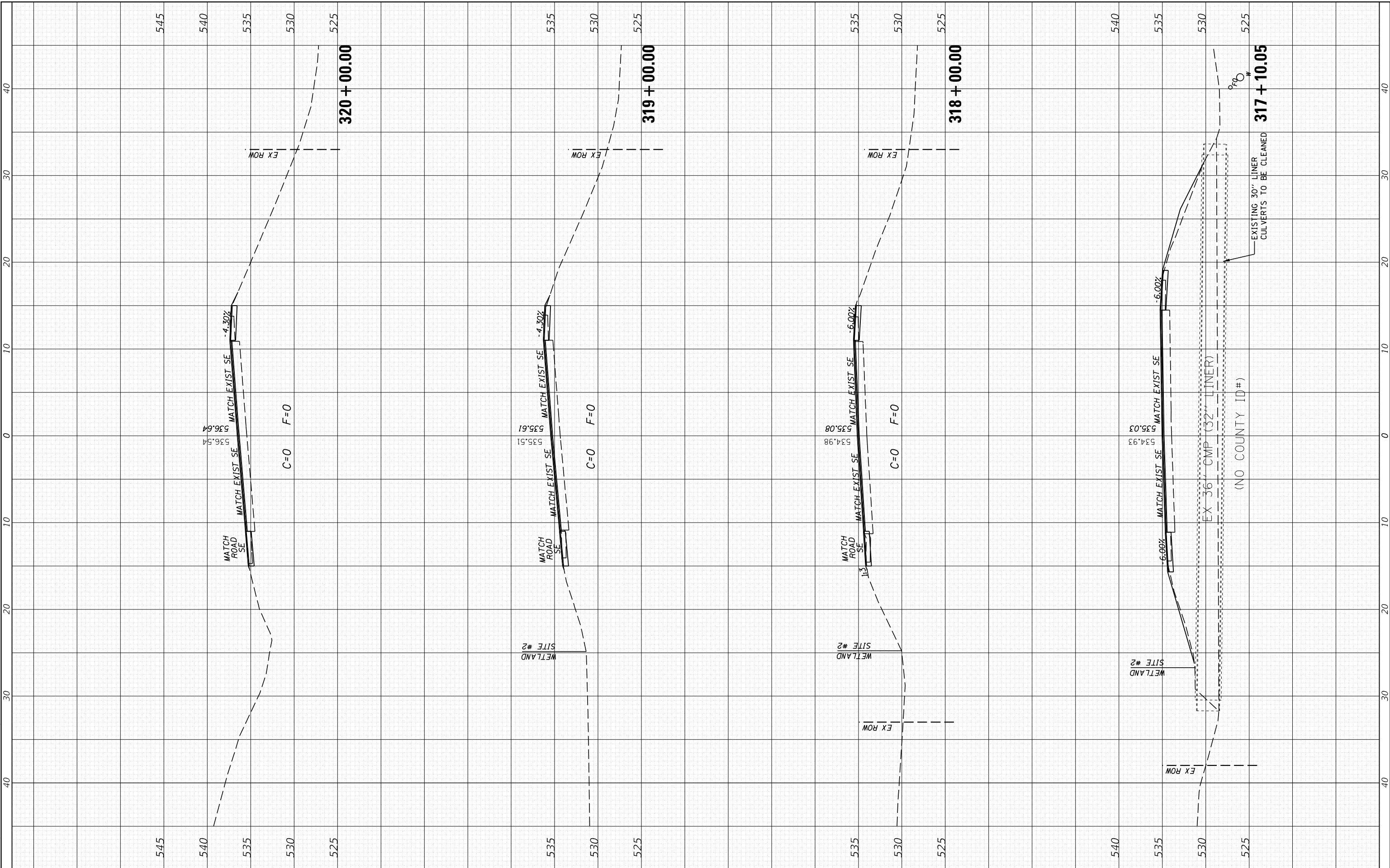
316 + 00.00

317 + 00.00

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defnair
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DESIGNED -	CGF	REVISED -	
DRAWN -	CGF	REVISED -	
CHECKED -	TSH	REVISED -	
DATE -	9/25/2025	REVISED -	

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCALE:		SHEET	OF	SHEETS	STA. 317+10.05	TO STA. 320+00.00
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F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 67
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

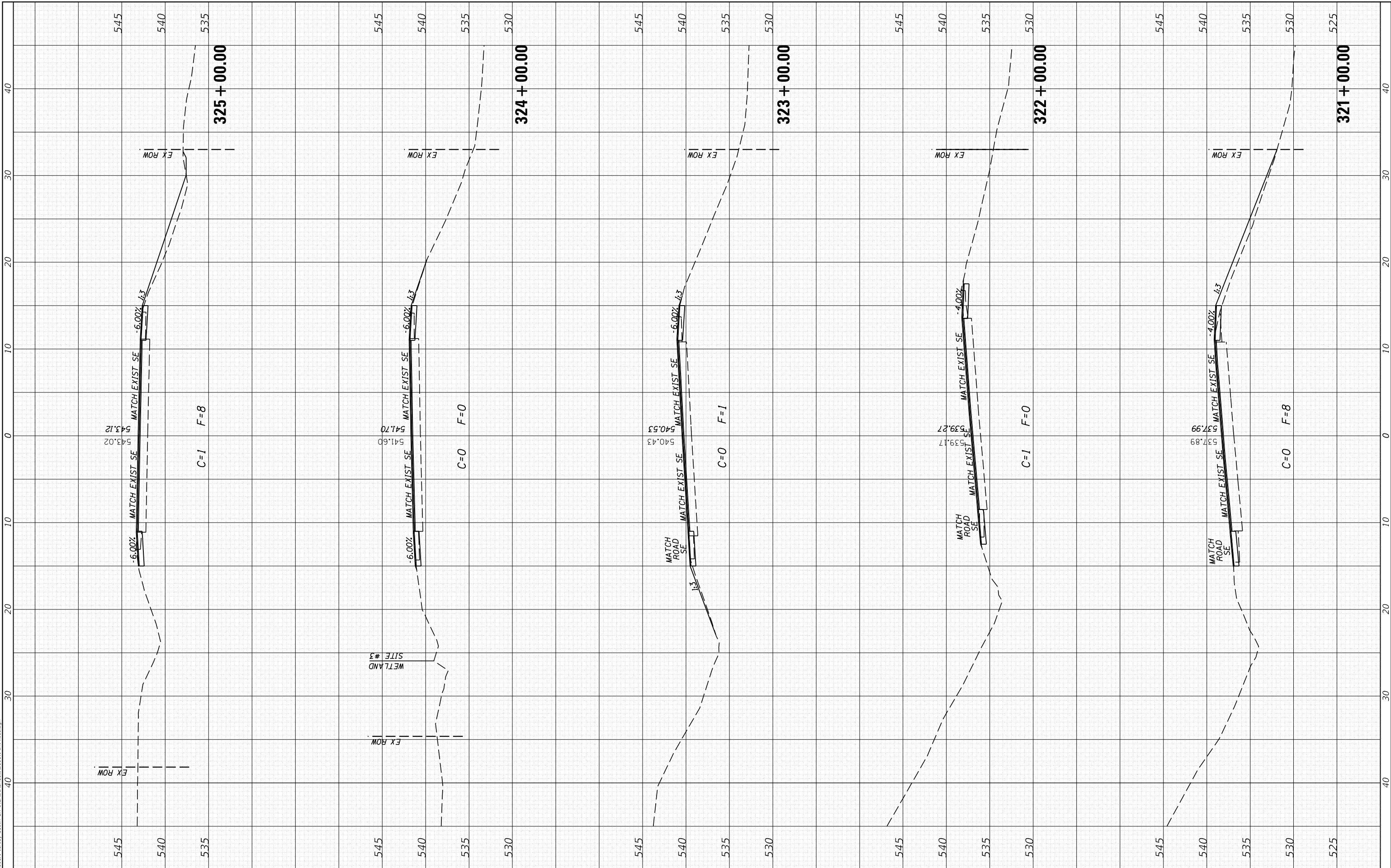


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 PLOT DATE = 12/13/2024

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

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

MODEL: Definit
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CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

JOB = 2698.1
 FILE NAME = 2698.1-5ht-xsec.dgn
 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 12/13/2024

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 9/25/2025

REVISED -
 REVISED -
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 REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

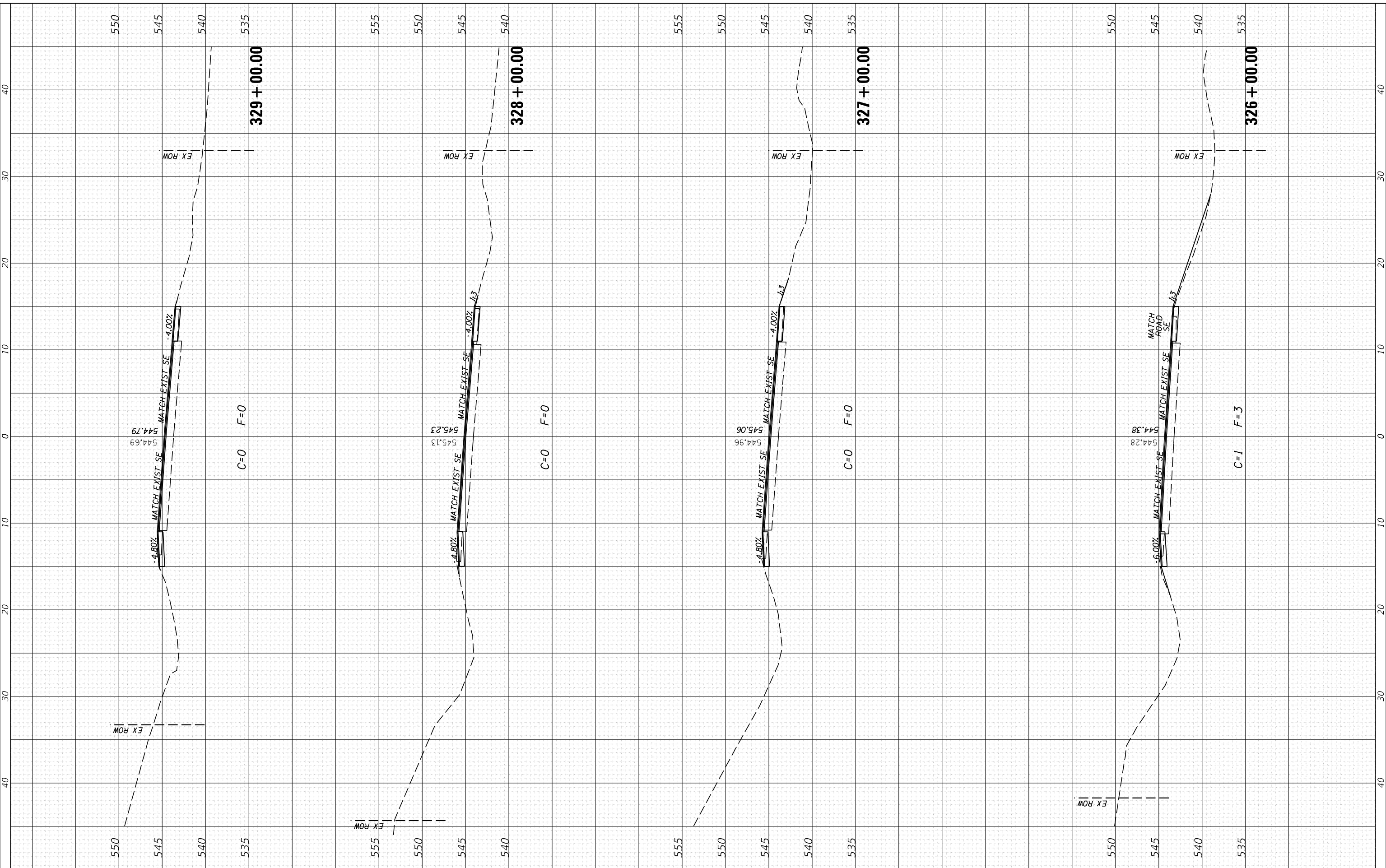
SCALE: SHEET OF SHEETS STA. 321+00.00 TO STA. 325+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 68
CONTRACT NO. 97854			ILLINOIS FED. AID PROJECT	

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

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

MODEL: Defaul
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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-5ht-xsec.dgn
PLOT SCALE = 10,000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

REVISED -
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REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

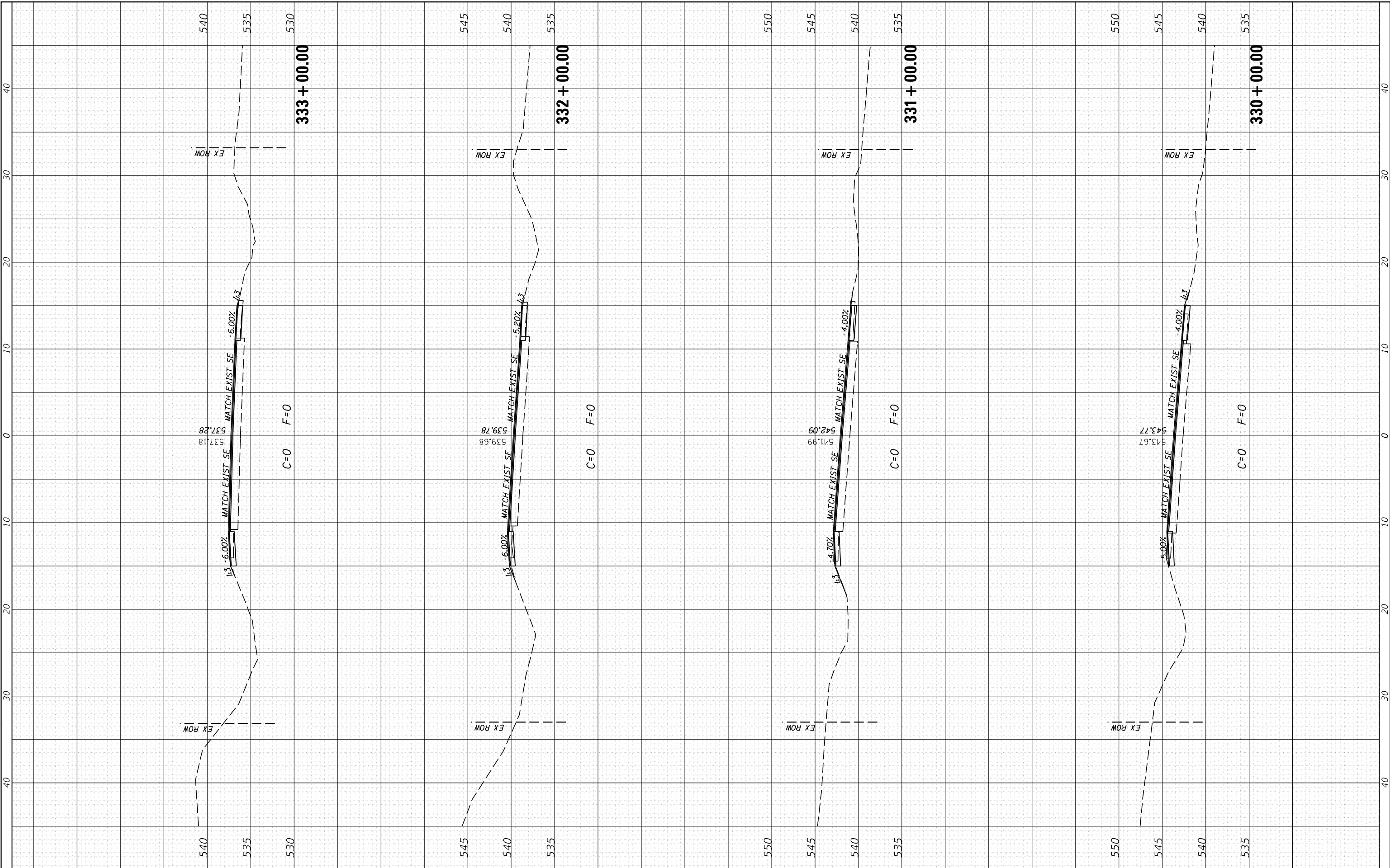
SCALE: SHEET OF SHEETS STA. 326+00.00 TO STA. 329+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 69
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defnair
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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
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PLOT SCALE = 10,000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

REVISED -
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

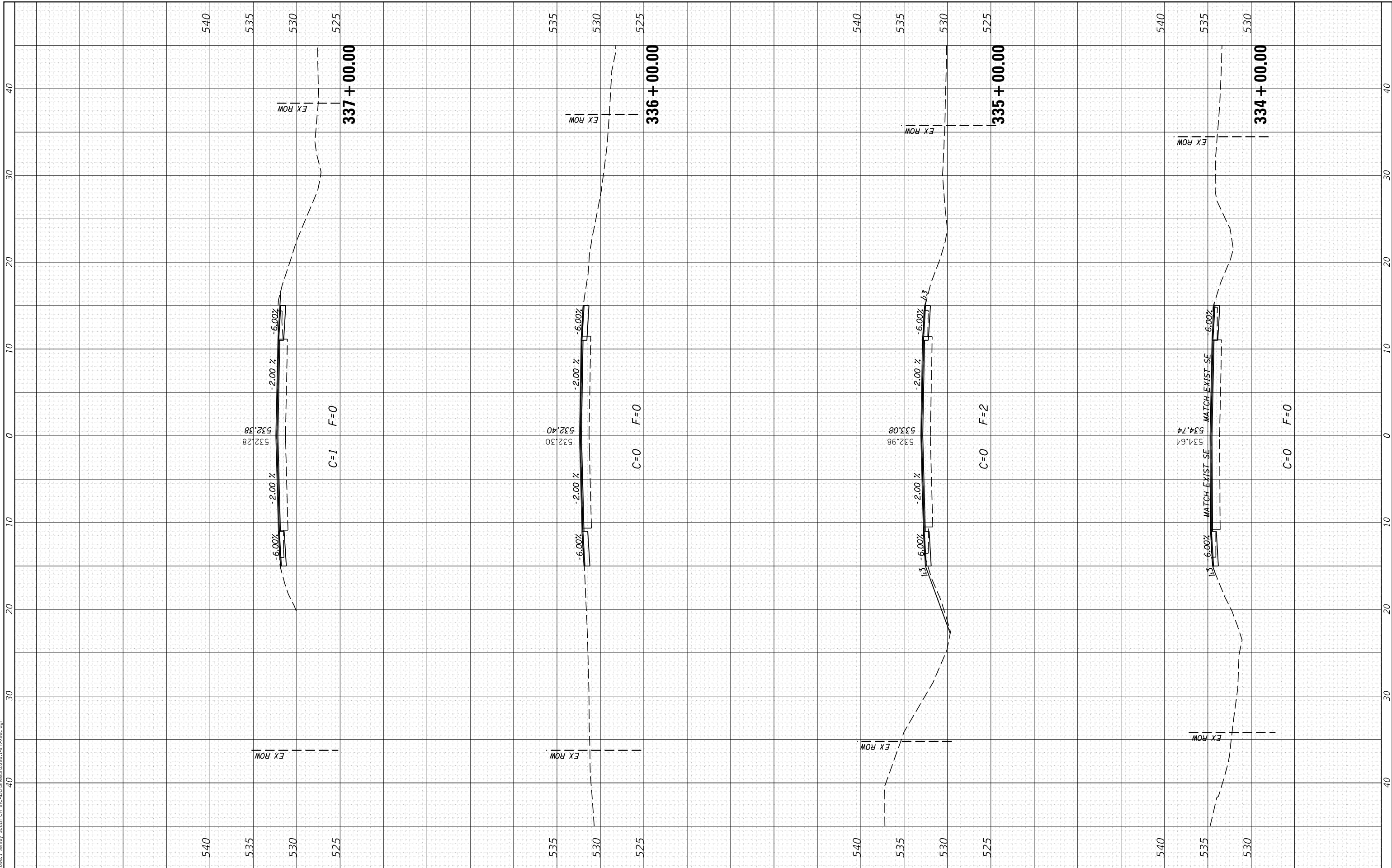
SCALE: SHEET OF SHEETS STA. 330+00.00 TO STA. 333+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 70
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-sht-xsec.dgn
PLOT SCALE = 10,000' / in.
DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

REVISED -
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

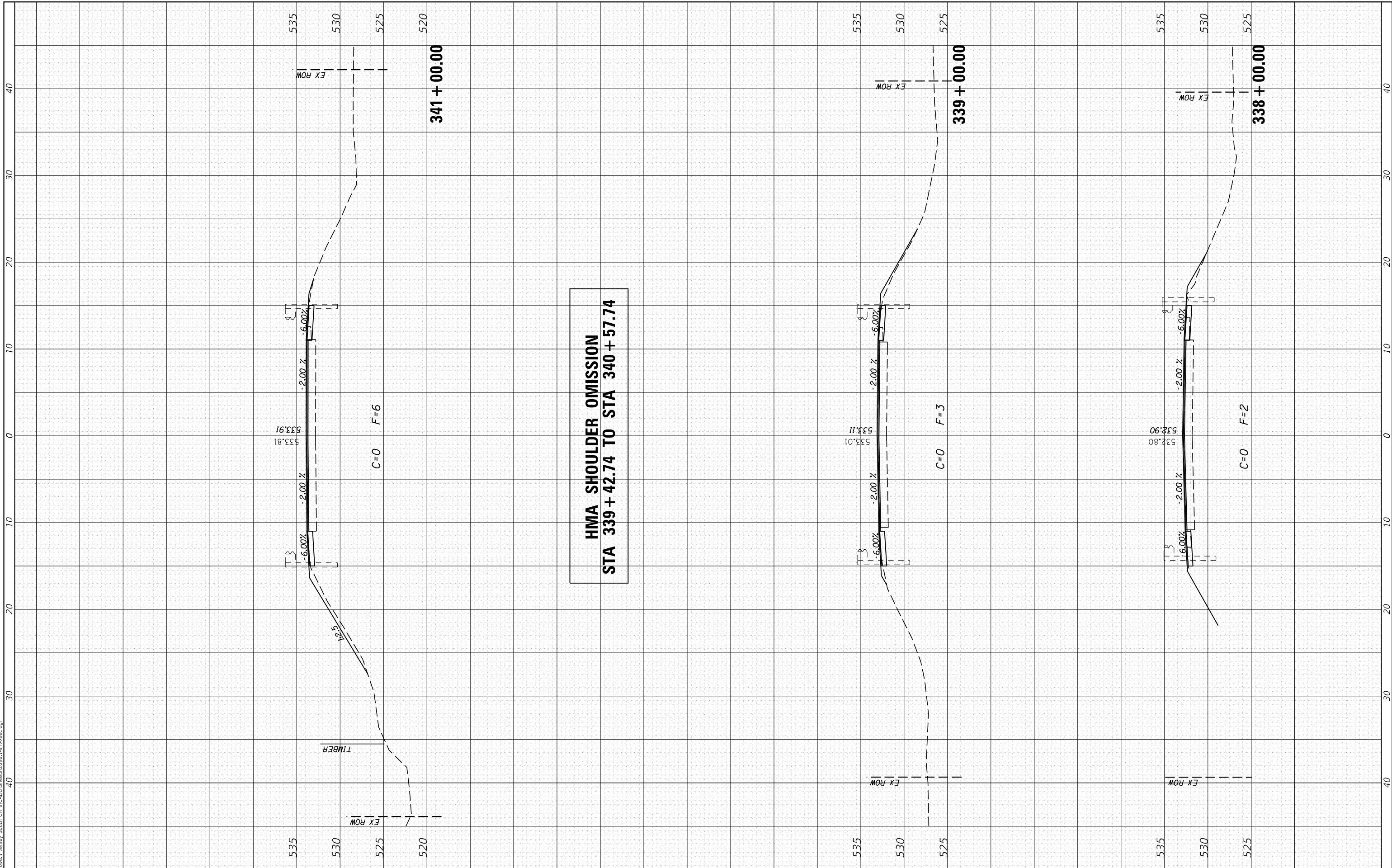
SCALE: SHEET OF SHEETS STA. 334+00.00 TO STA. 337+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	71
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defnair
FILE NAME: P2698.1 Jersey_South_CH 9(CADD)SheetS2698.1-sh-xsec.dgn



**HMA SHOULDER OMISSION
STA 339 + 42.74 TO STA 340 + 57.74**

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1	DESIGNED - CGF	REVISED -
FILE NAME = 2698.1-sh-xsec.dgn	DRAWN - CGF	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - TSH	REVISED -
PLOT DATE = 12/13/2024	DATE - 9/25/2025	REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 338+00.00 TO STA. 341+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 72
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Definit
FILE NAME: H:\2698.1 Jersey_South_CH 9\CADD\Sheet\2698.1-5ht-xsec.dgn

CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-5ht-xsec.dgn
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PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

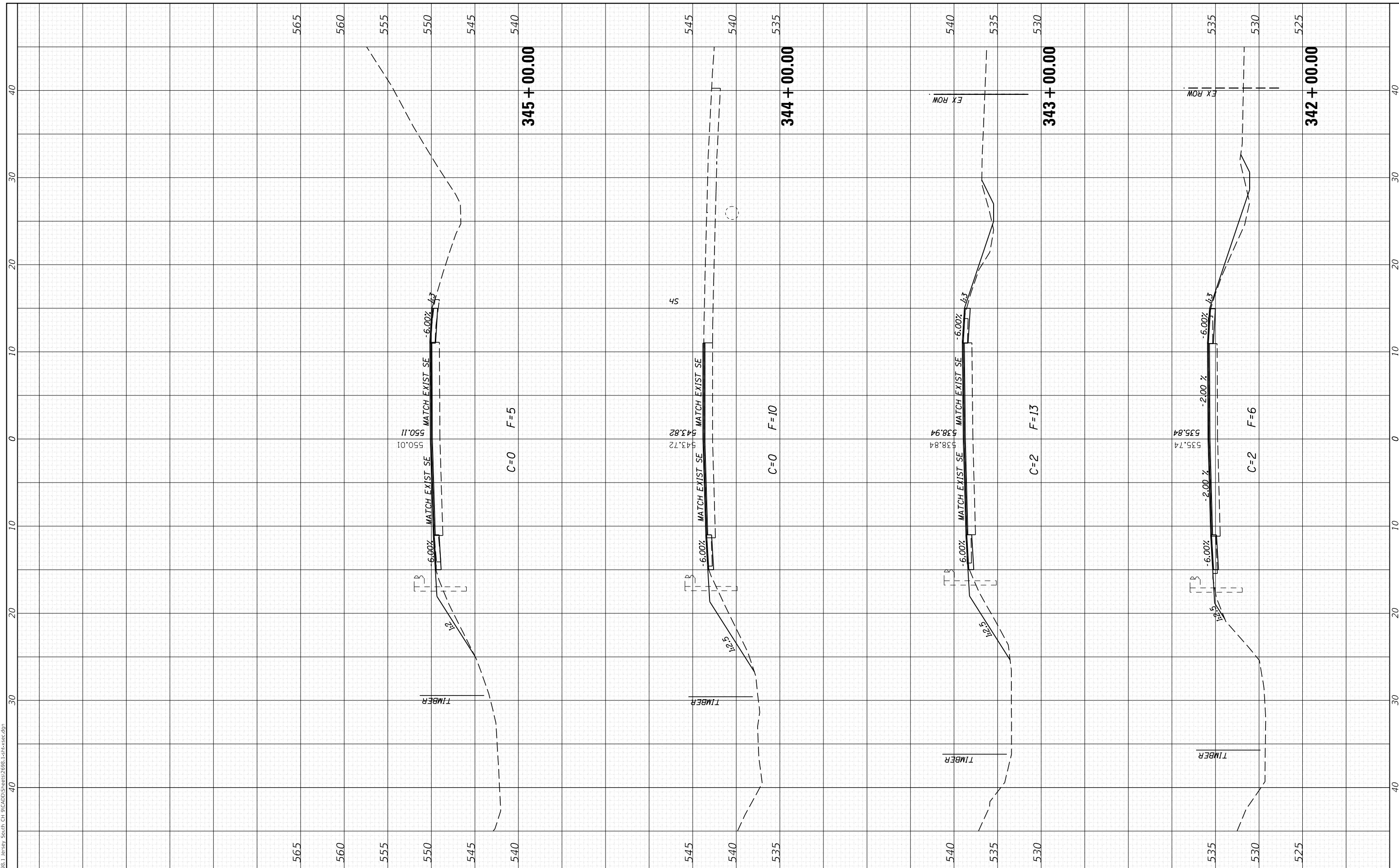
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 342+00.00 TO STA. 345+00.00

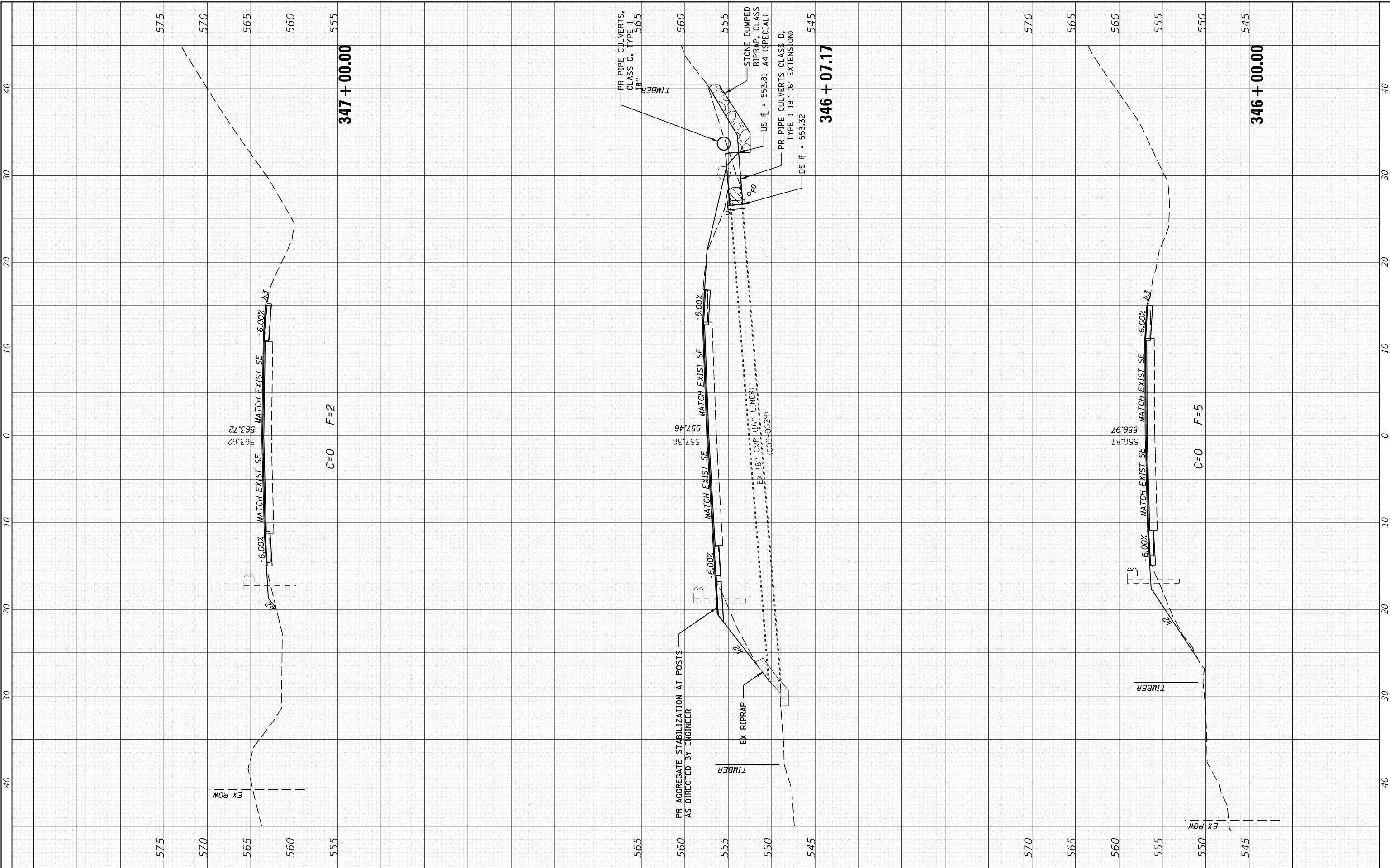
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	73
CONTRACT NO. 97854				
ILLINOIS		FED. AID PROJECT		



FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defaul
FILE NAME: P:\2698.1 Jersey South CH 9\CADD\Sheets\2698.1-sht-xsec.dgn



CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-sht-xsec.dgn
PLOT SCALE = 10,000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

REVISED -
REVISED -
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REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 346+00.00 TO STA. 347+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 74
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defaulr
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JOB = 2698.1
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 PLOT DATE = 12/13/2024

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 DATE - 9/25/2025

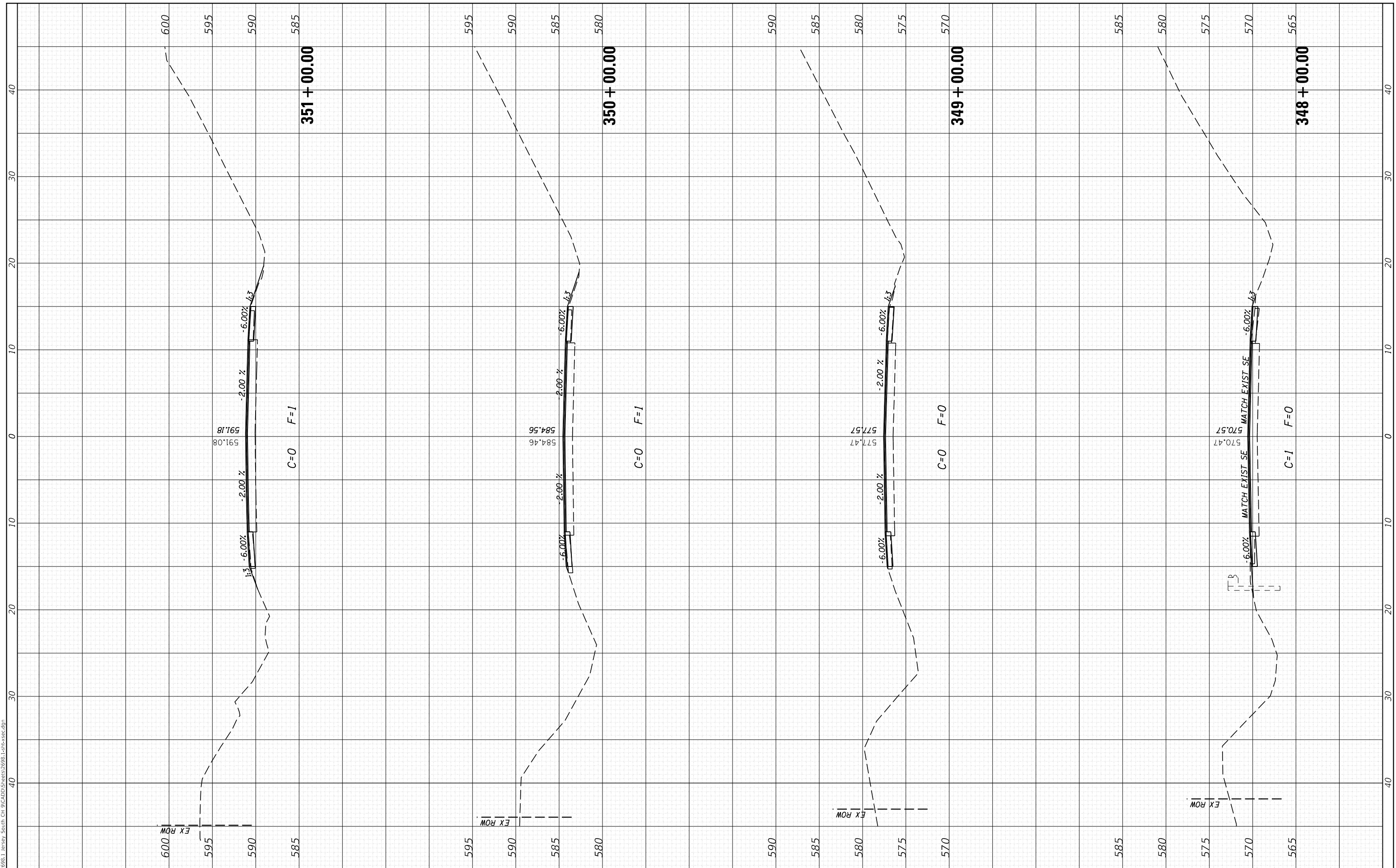
REVISED -
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 348+00.00 TO STA. 351+00.00

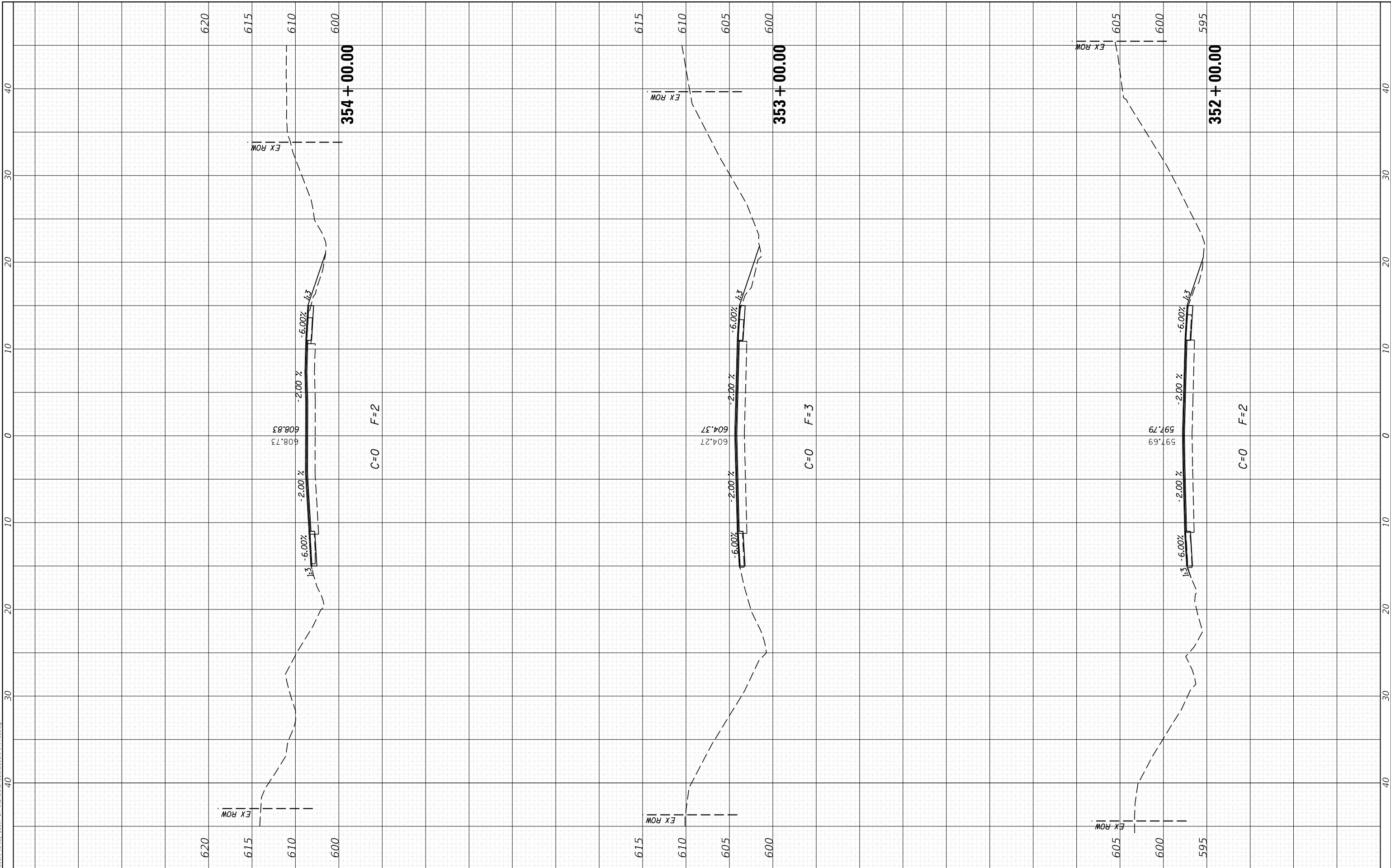
F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 75
CONTRACT NO. 97854				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: Definit
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CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1	DESIGNED - CGF
FILE NAME = 2698.1-sht-xsec.dgn	DRAWN - CGF
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PLOT DATE = 12/13/2024	DATE - 9/25/2025

REVISED -	REVISED -
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

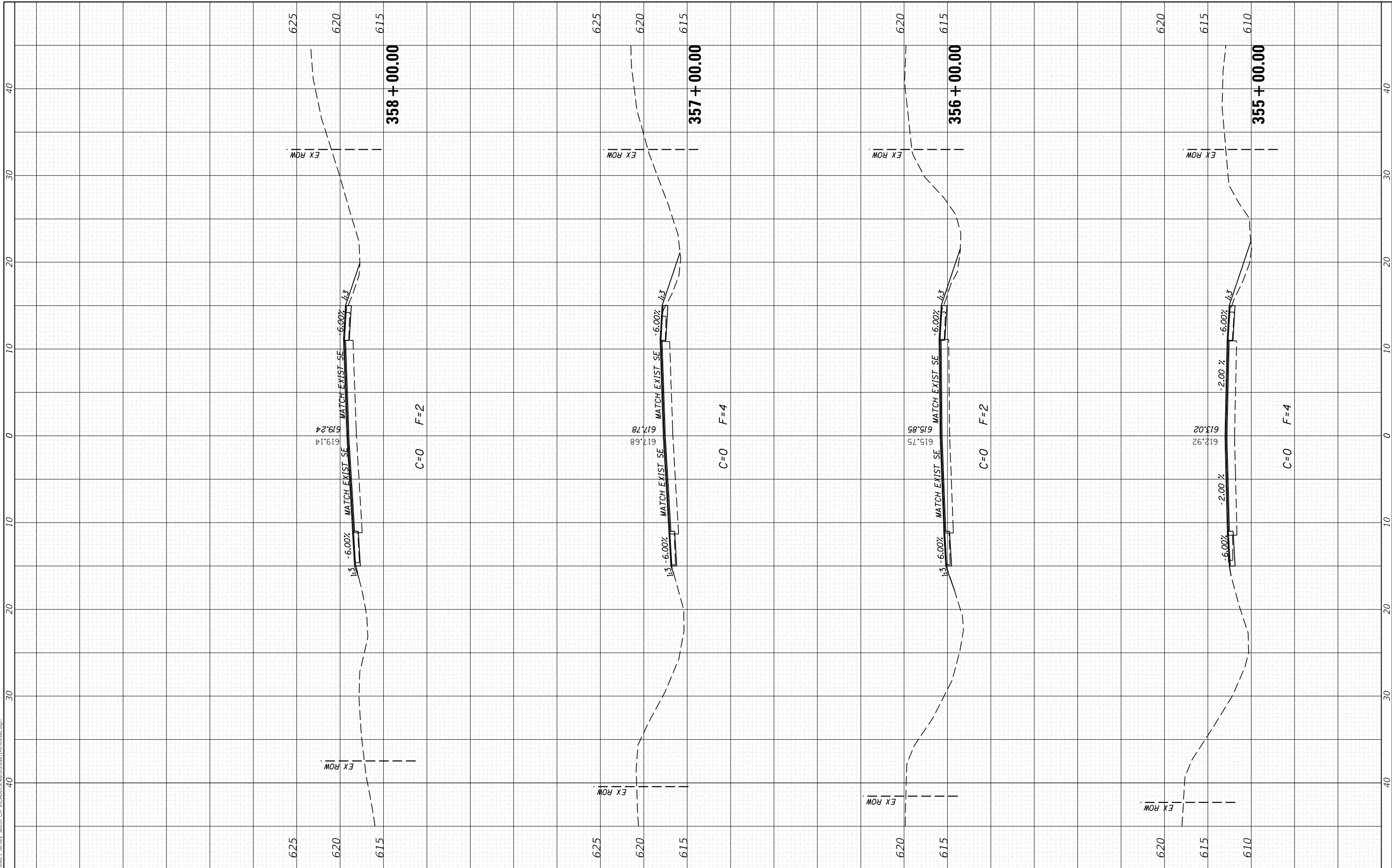
SCALE: SHEET OF SHEETS STA. 352+00.00 TO STA. 354+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 76
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
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	AREAS CHECKED	

MODEL: Defaul
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CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
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PLOT SCALE = 10,000 ' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

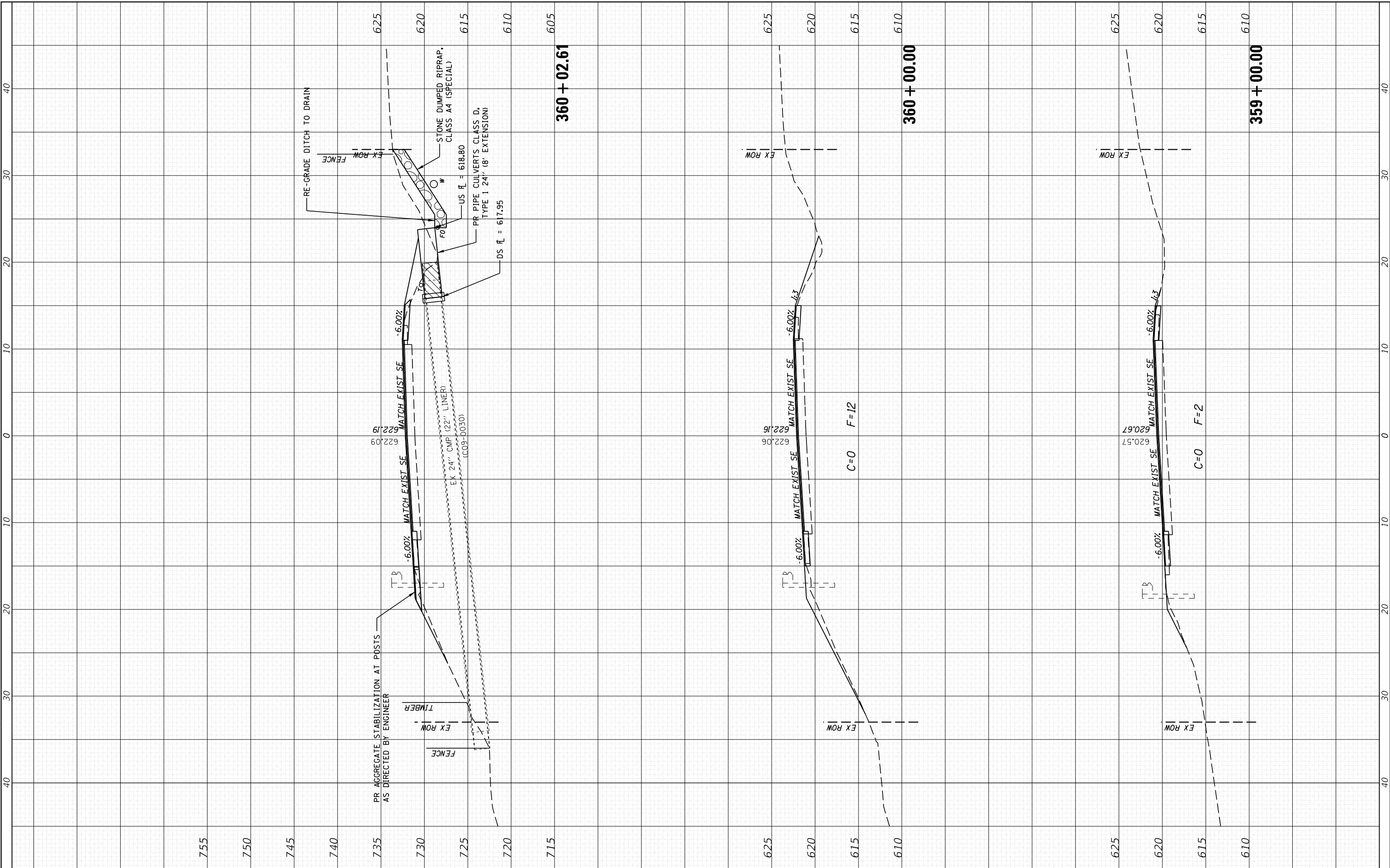
SCALE: SHEET OF SHEETS STA. 355+00.00 TO STA. 358+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	77
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
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PLOT SCALE = 10,000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

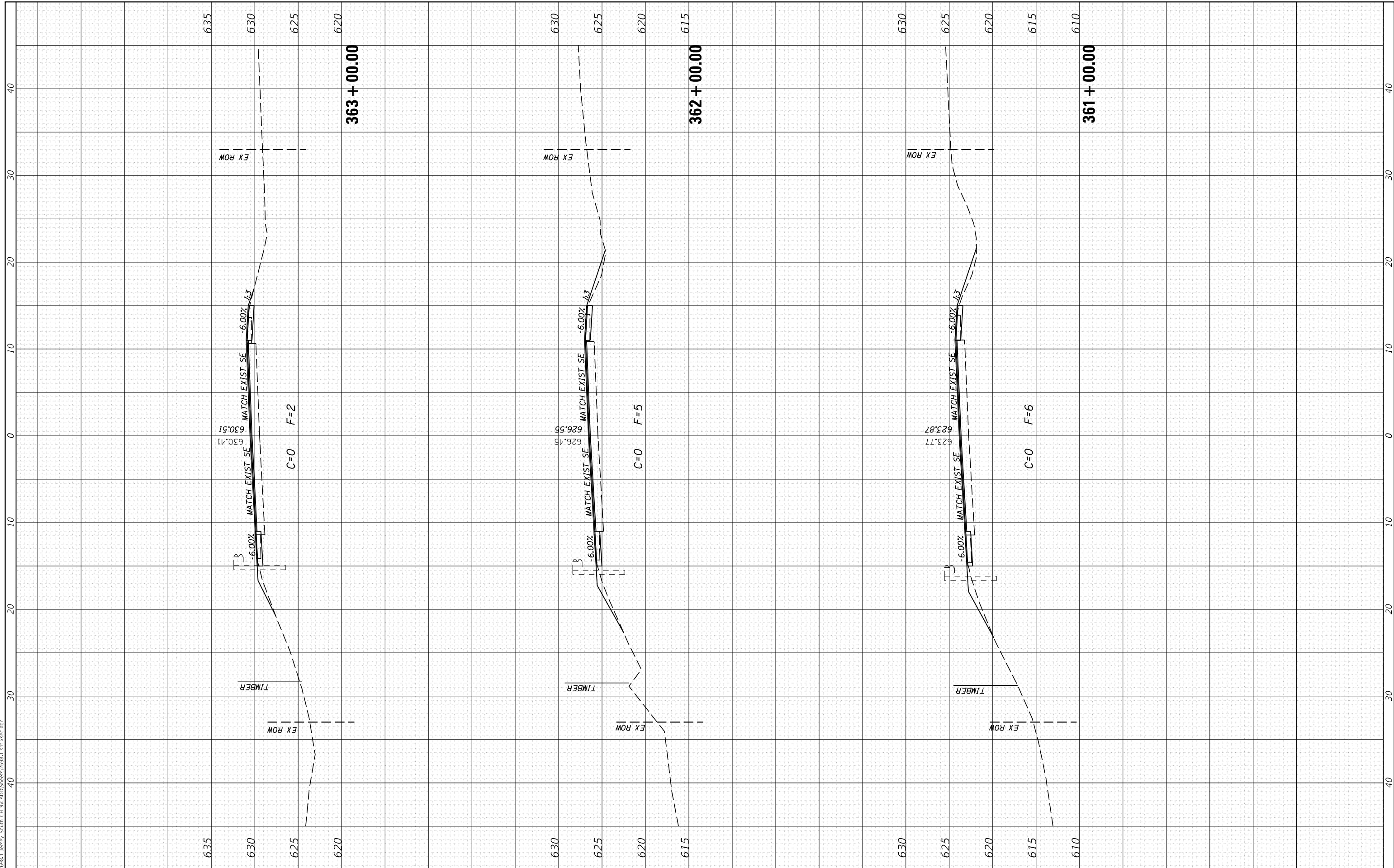
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	78
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
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PLOT SCALE = 10,000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

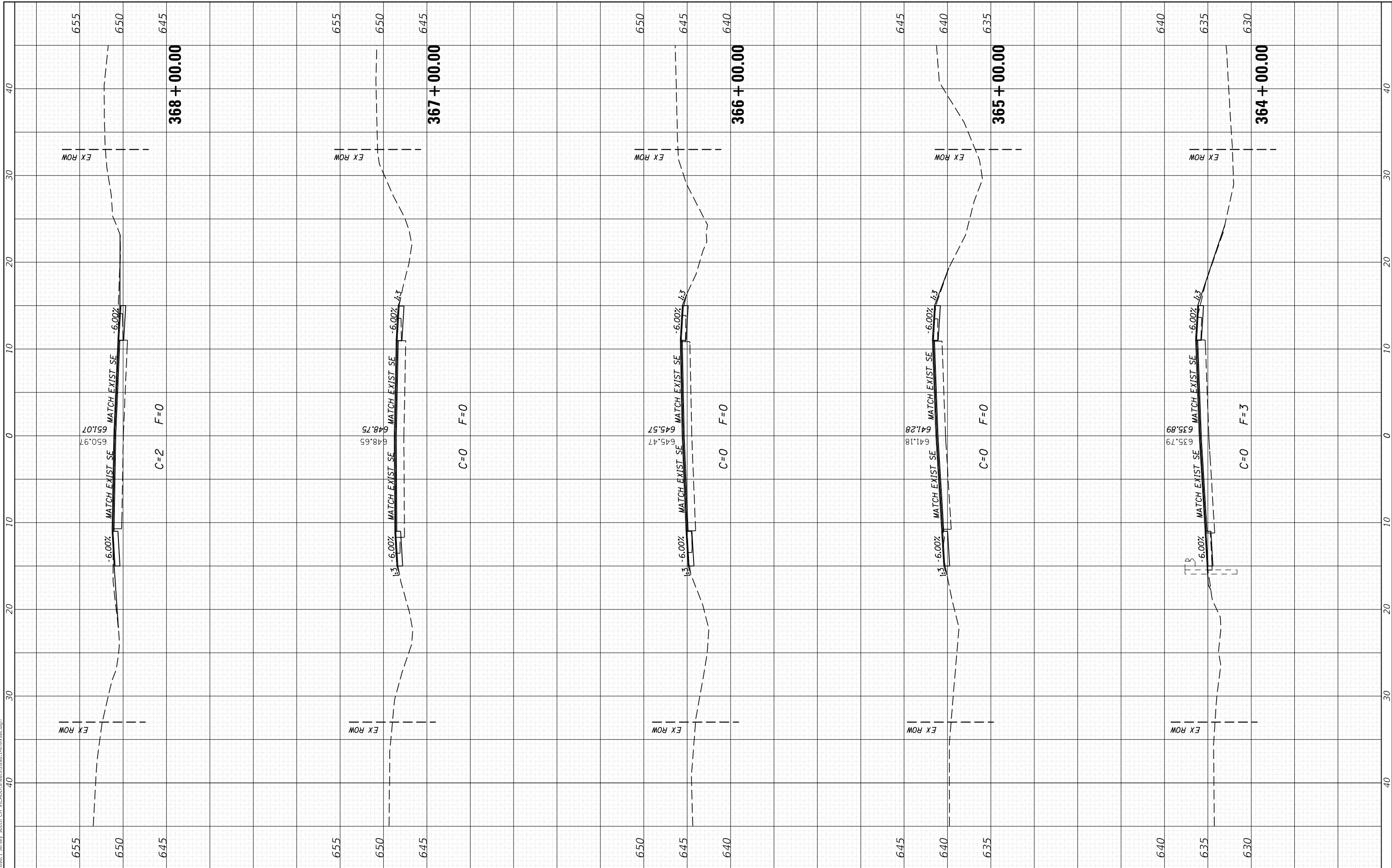
SCALE: SHEET OF SHEETS STA. 361+00.00 TO STA. 363+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 79
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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CEC Cummins
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JOB = 2698.1
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 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 12/13/2024

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

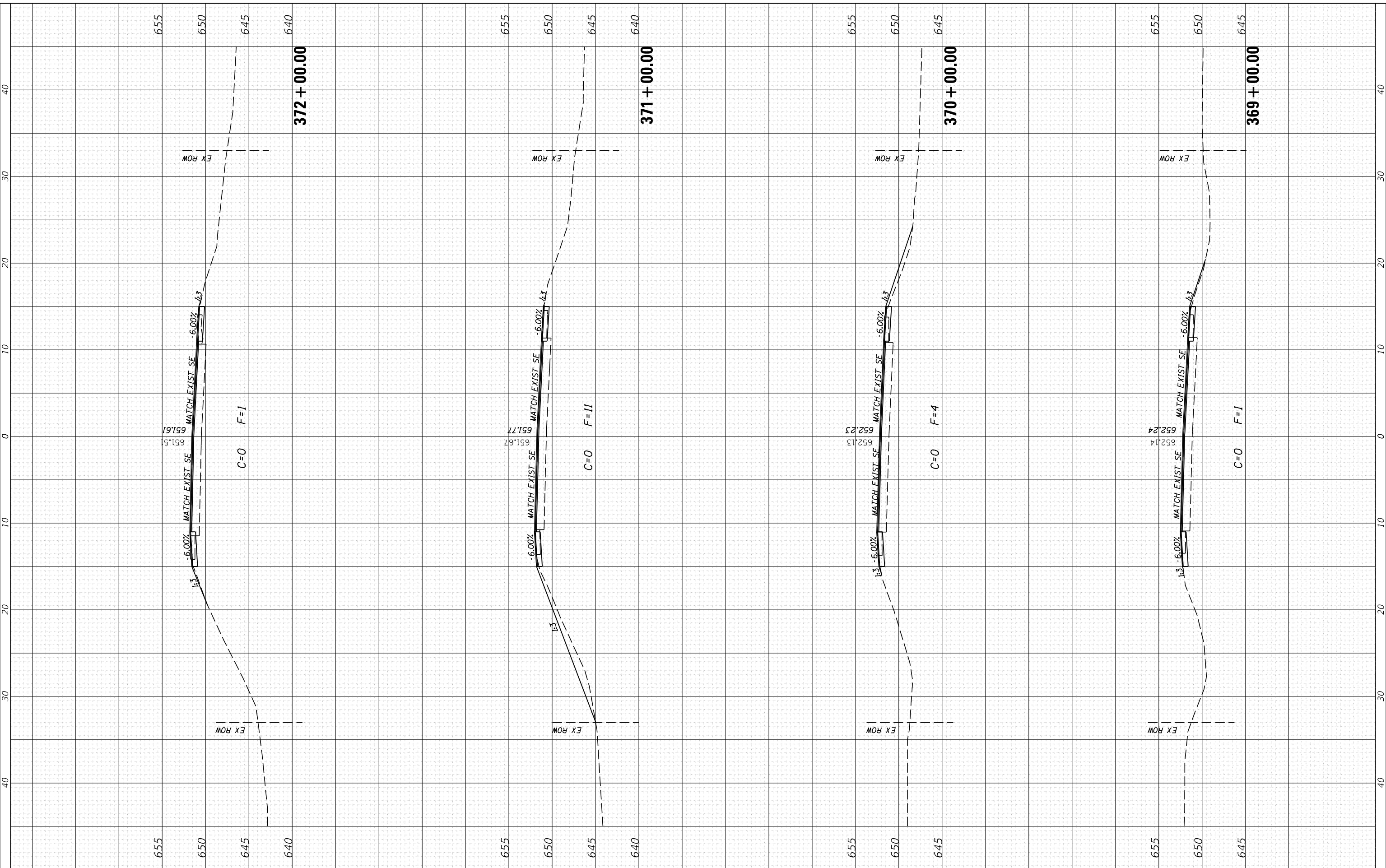
SCALE: SHEET OF SHEETS STA. 364+00.00 TO STA. 368+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	80
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

JOB = 2698.1
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 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 12/13/2024

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

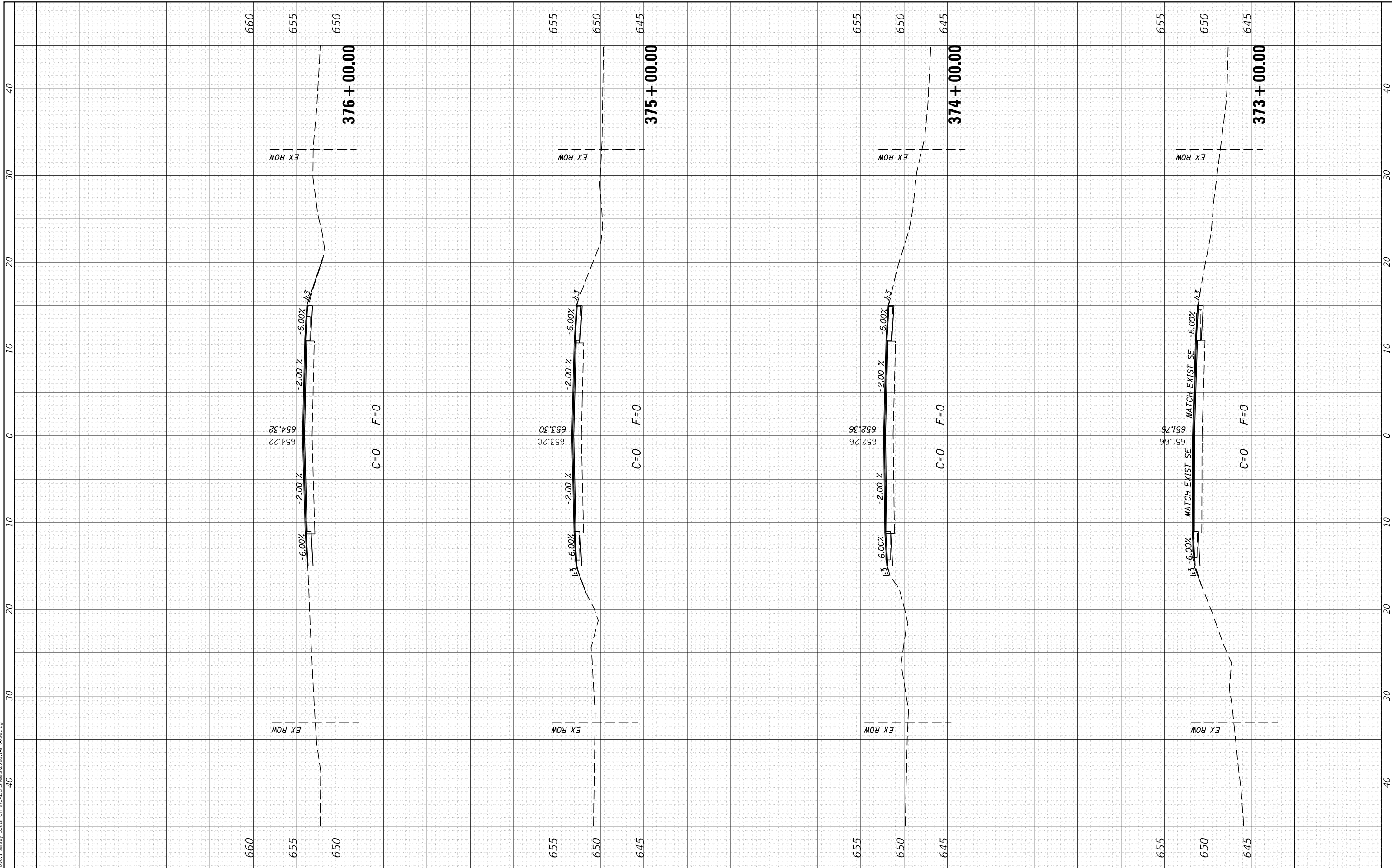
SCALE: SHEET OF SHEETS STA. 369+00.00 TO STA. 372+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	81
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins
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Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-sh-xsec.dgn
PLOT SCALE = 10,0000 ' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
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DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

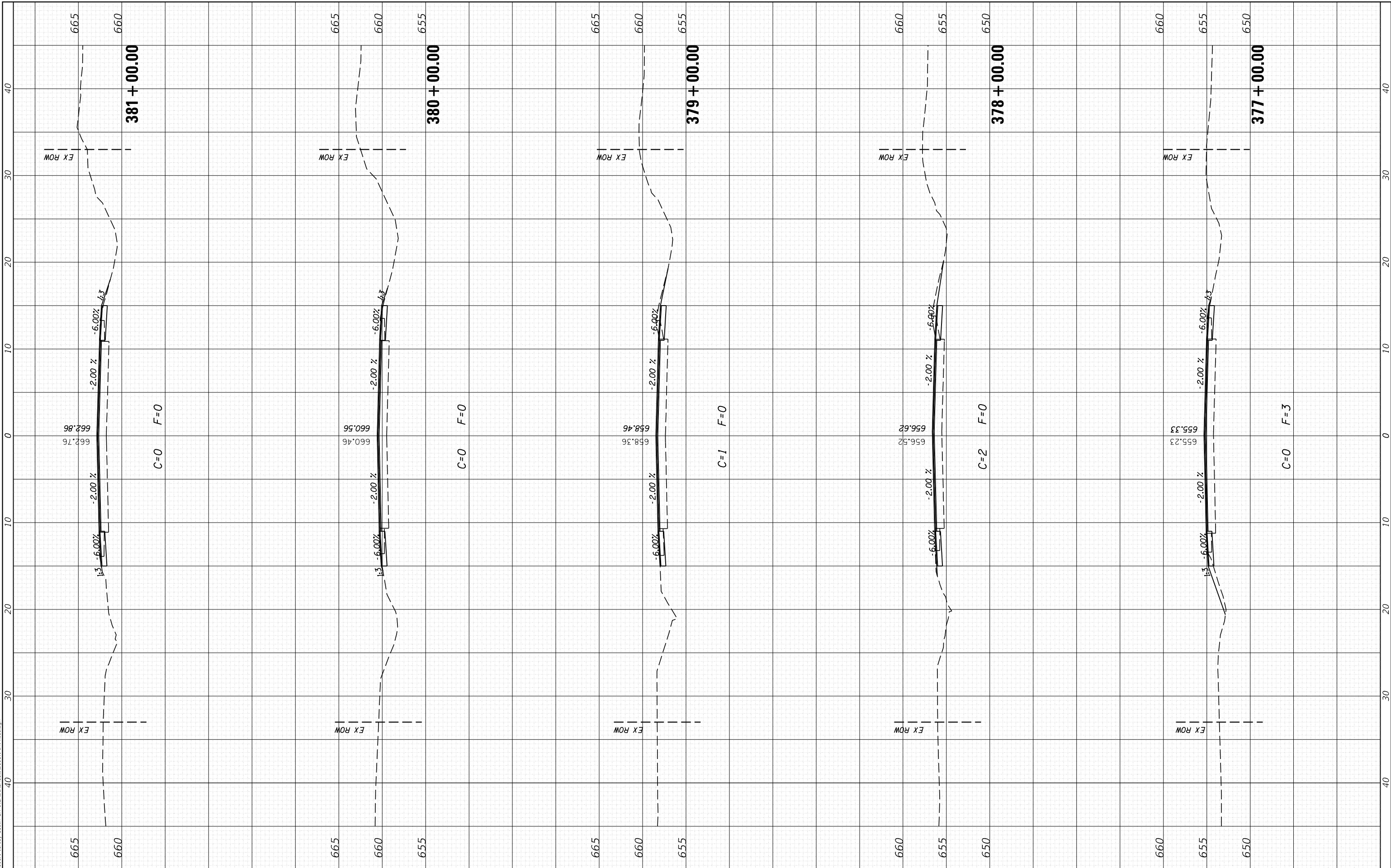
SCALE: SHEET OF SHEETS STA. 373+00.00 TO STA. 376+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 82
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
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CEC Cummins
 ENGINEERS & SURVEYORS Engineering Corporation

JOB = 2698.1
 FILE NAME = 2698.1-5ht-xsec.dgn
 PLOT SCALE = 10,0000 ' / in.
 PLOT DATE = 12/13/2024

DESIGNED - CGF
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 DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

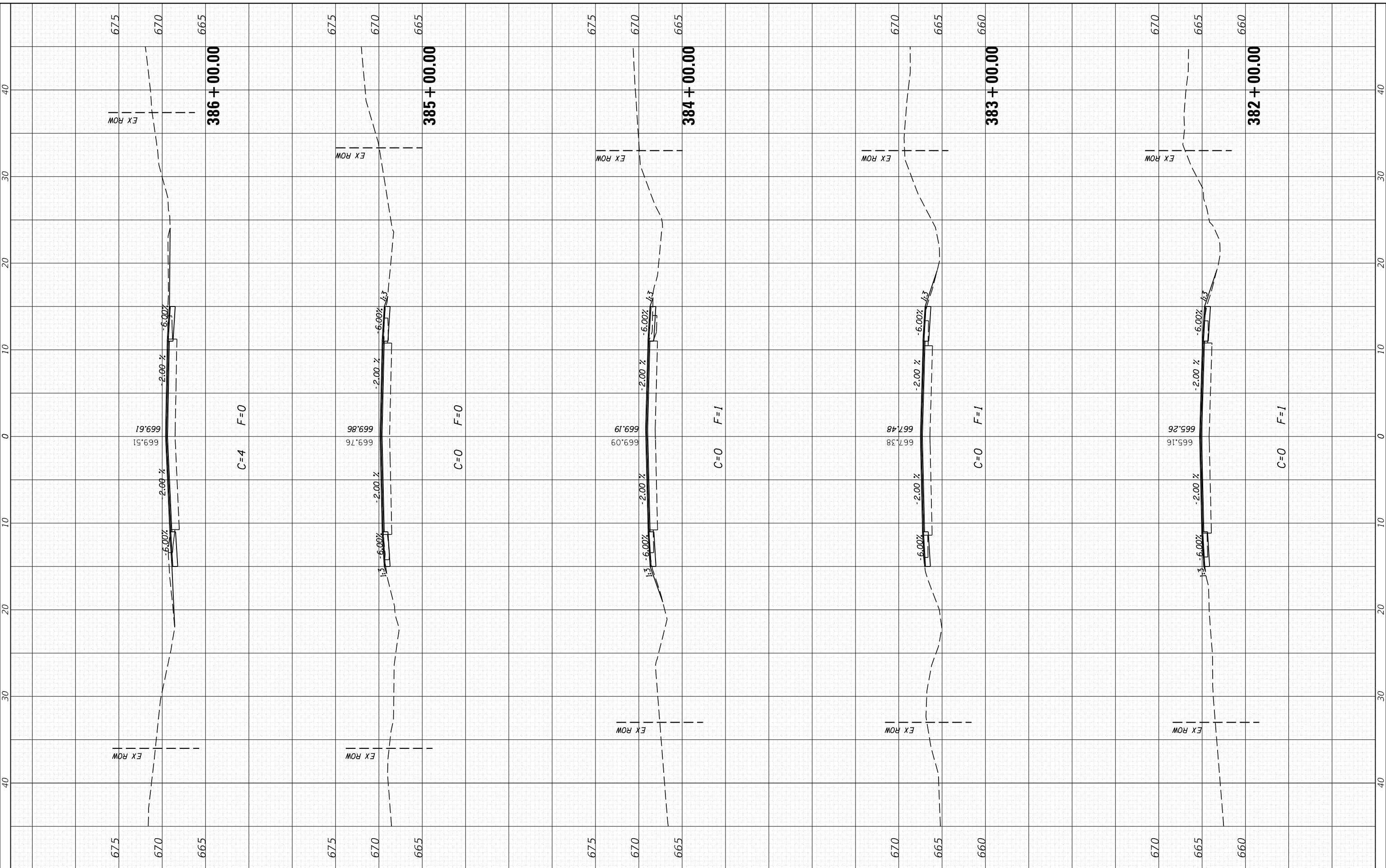
SCALE: SHEET OF SHEETS STA. 377+00.00 TO STA. 381+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 83
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

JOB = 2698.1
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 PLOT SCALE = 10,0000' / in.
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

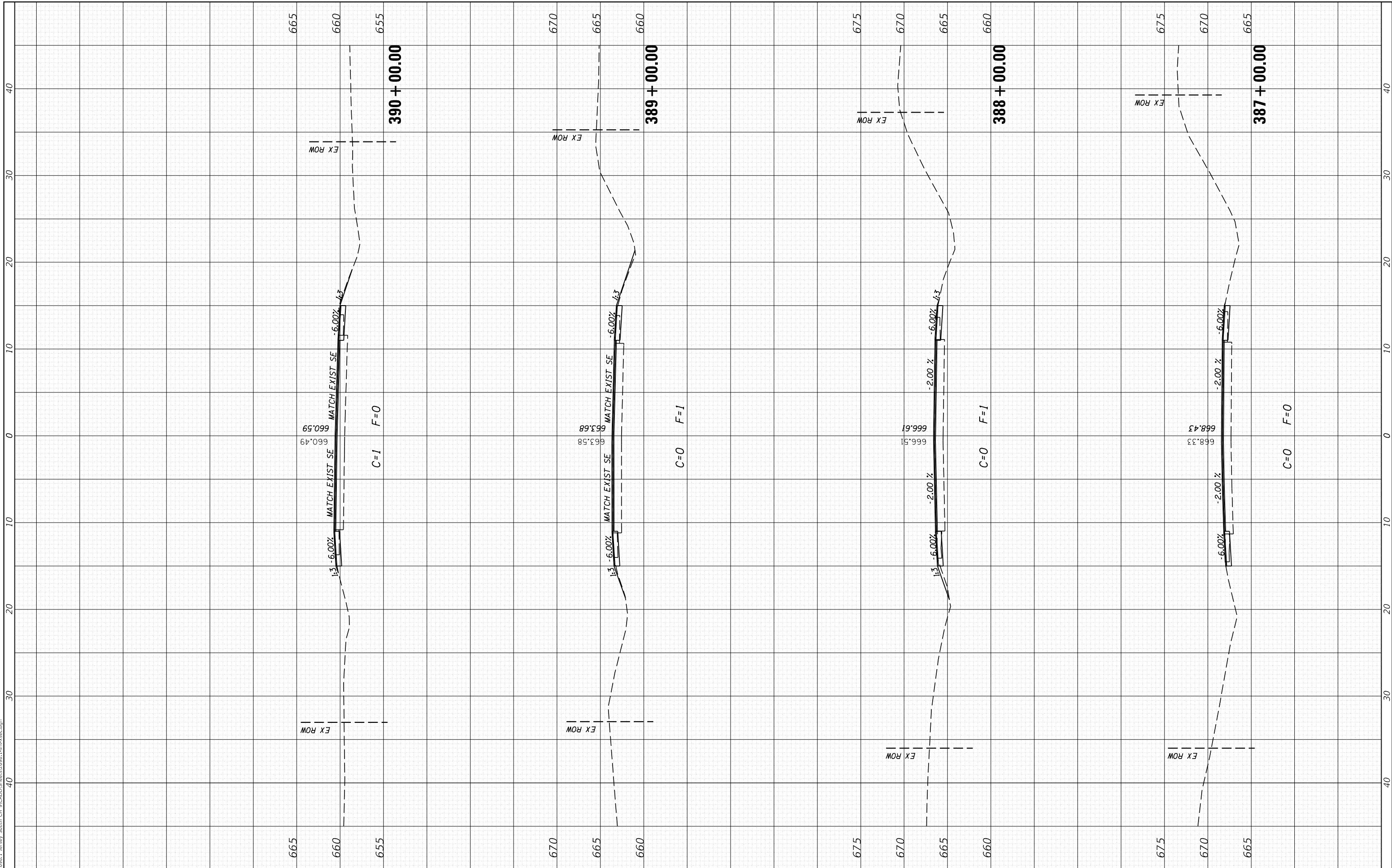
SCALE: SHEET OF SHEETS STA. 382+00.00 TO STA. 386+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 84
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

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PLOT SCALE = 10,000' / in.
PLOT DATE = 12/13/2024

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CHECKED - TSH
DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

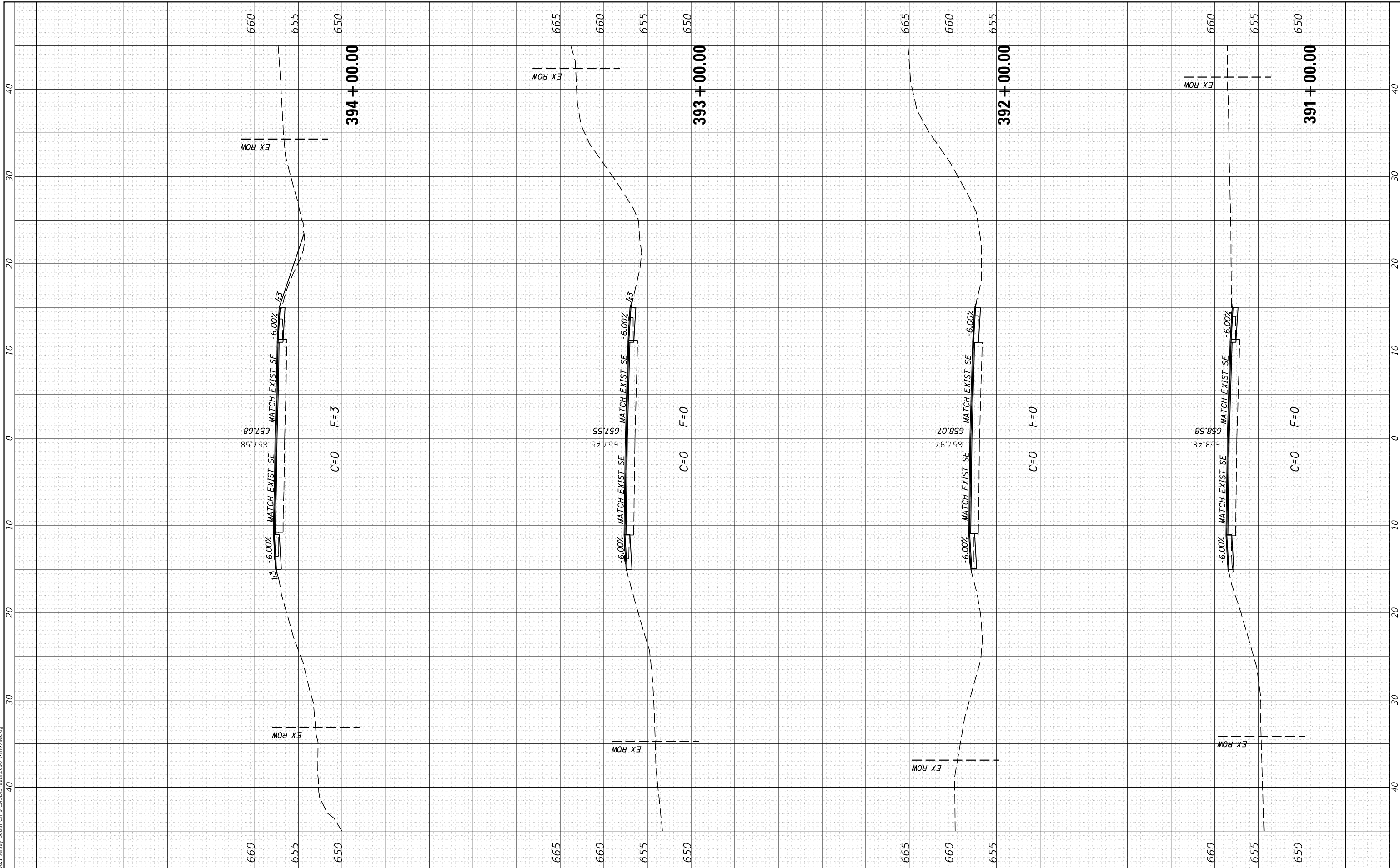
SCALE: SHEET OF SHEETS STA. 387+00.00 TO STA. 390+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 85
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
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AREAS CHECKED	TEMPLATE		
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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CEC Cummins
 Engineering Corporation
 ENGINEERS & SURVEYORS

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

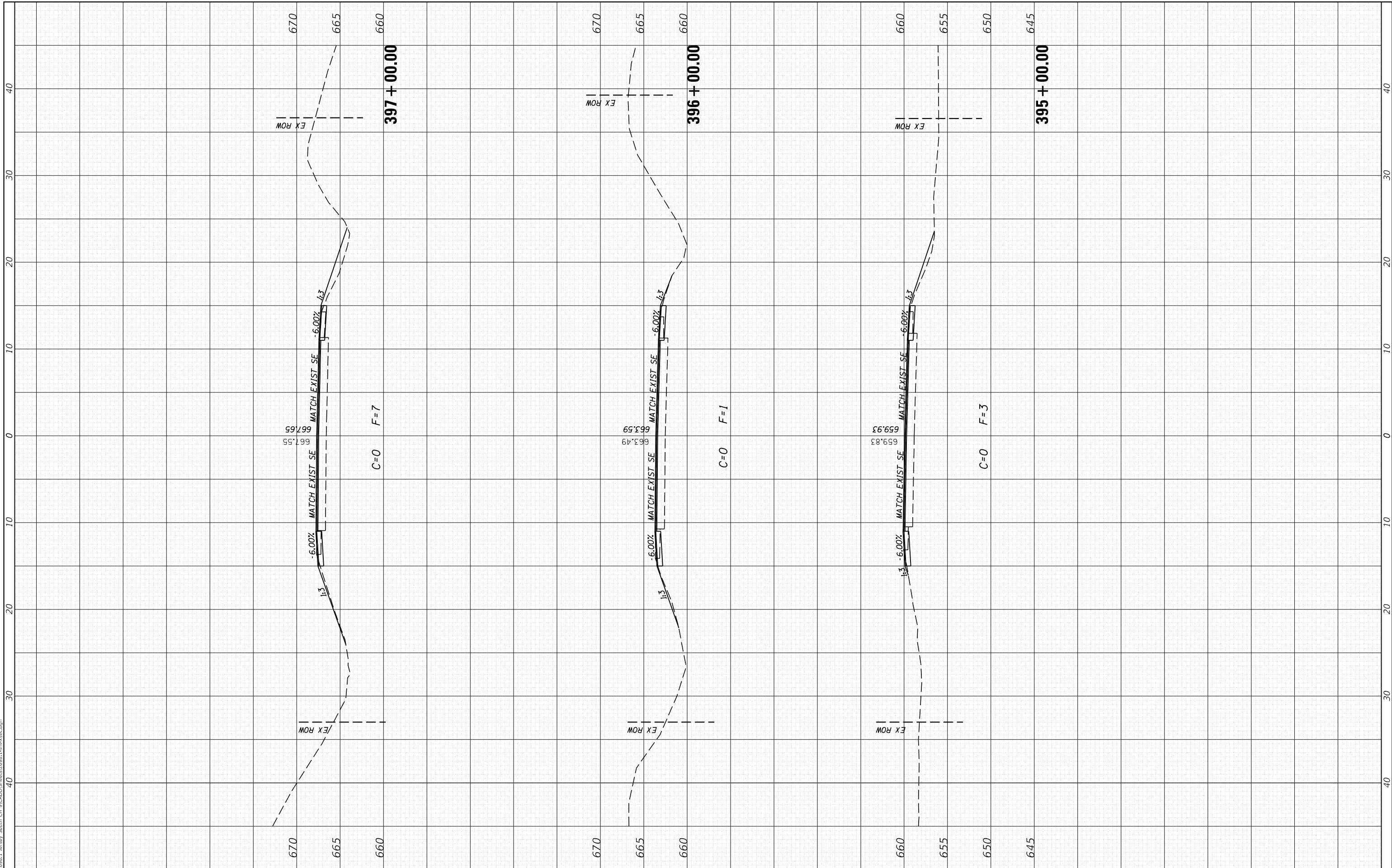
SCALE: SHEET OF SHEETS STA. 391+00.00 TO STA. 394+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	86
CONTRACT NO. 97854				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	BY	DATE
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AREAS CHECKED	TEMPLATE		
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ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

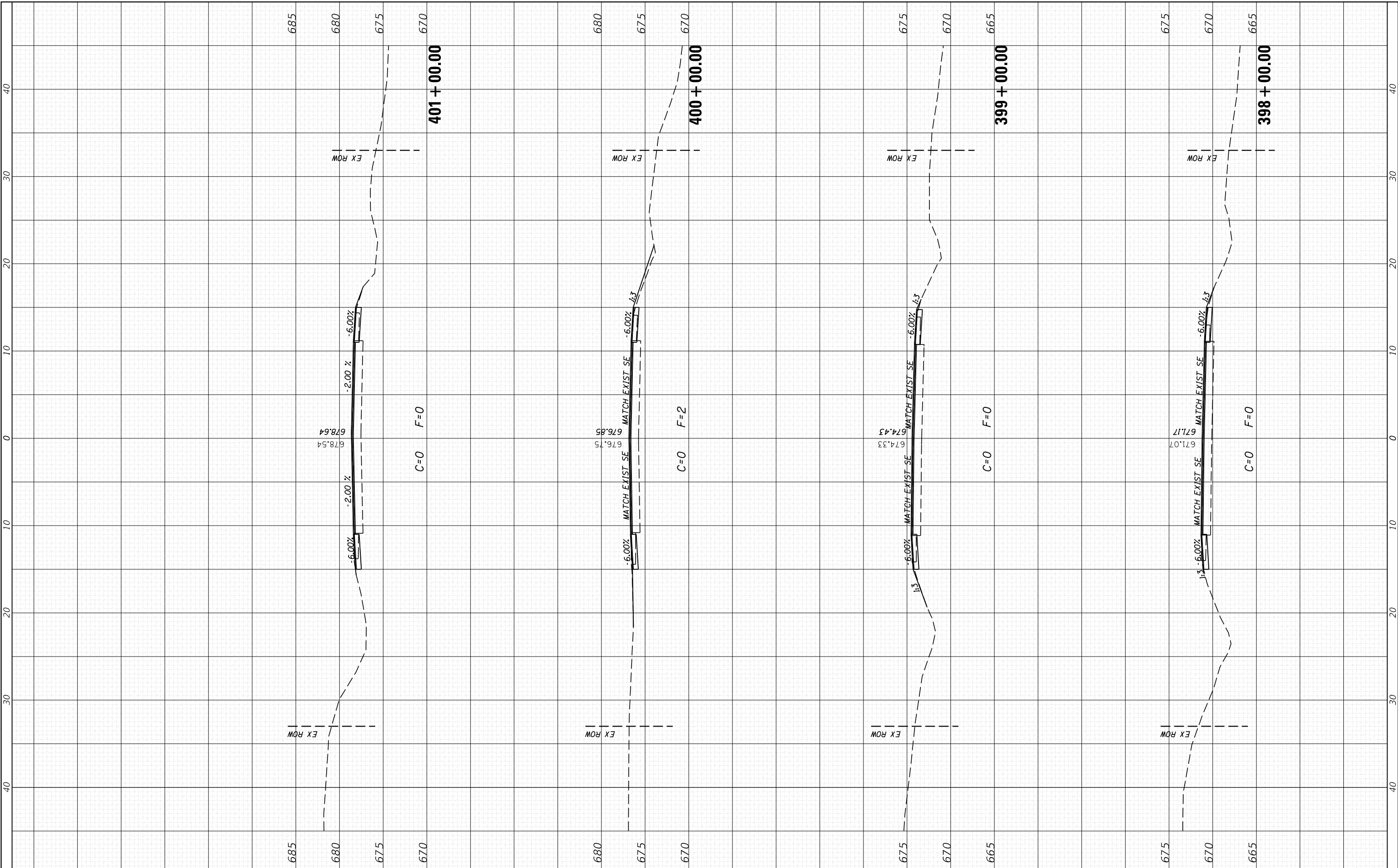
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	87
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
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CEC Cummins
ENGINEERS & SURVEYORS Engineering Corporation

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

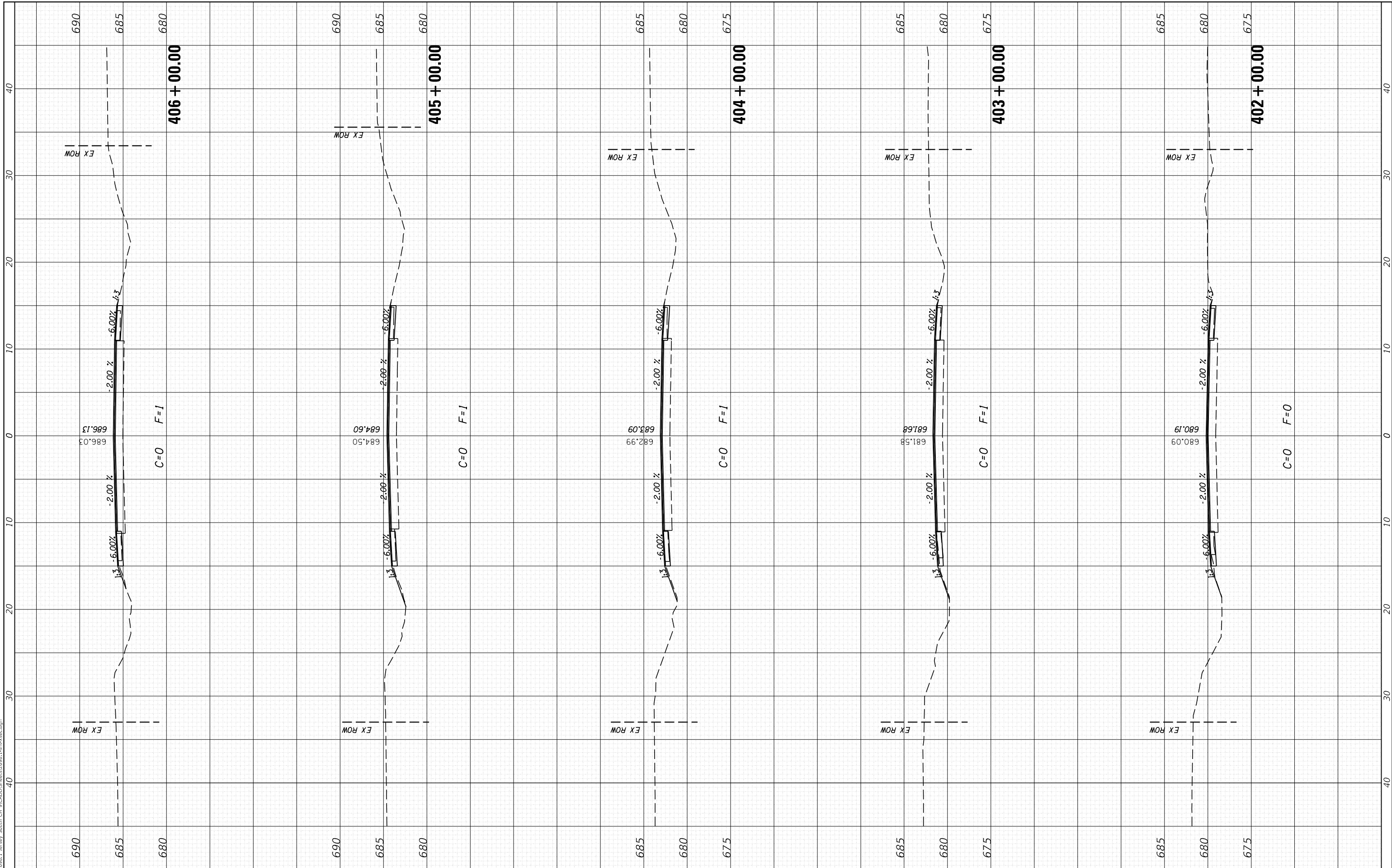
SCALE: SHEET OF SHEETS STA. 398+00.00 TO STA. 401+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 88
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

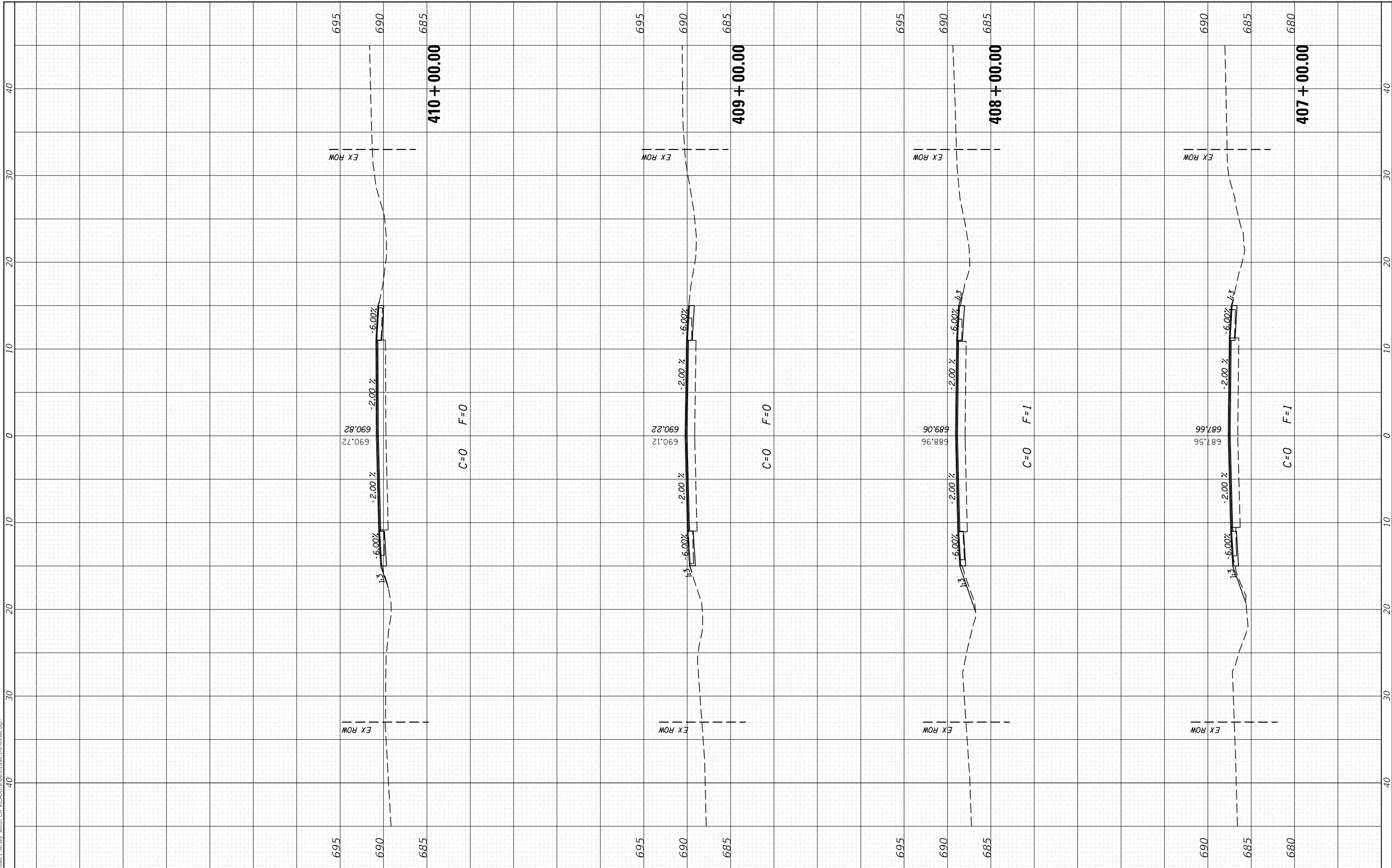
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F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 89
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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ORIGINAL SURVEY NO.	SURVEYED	DATE
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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

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DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 407+00.00 TO STA. 410+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 90
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

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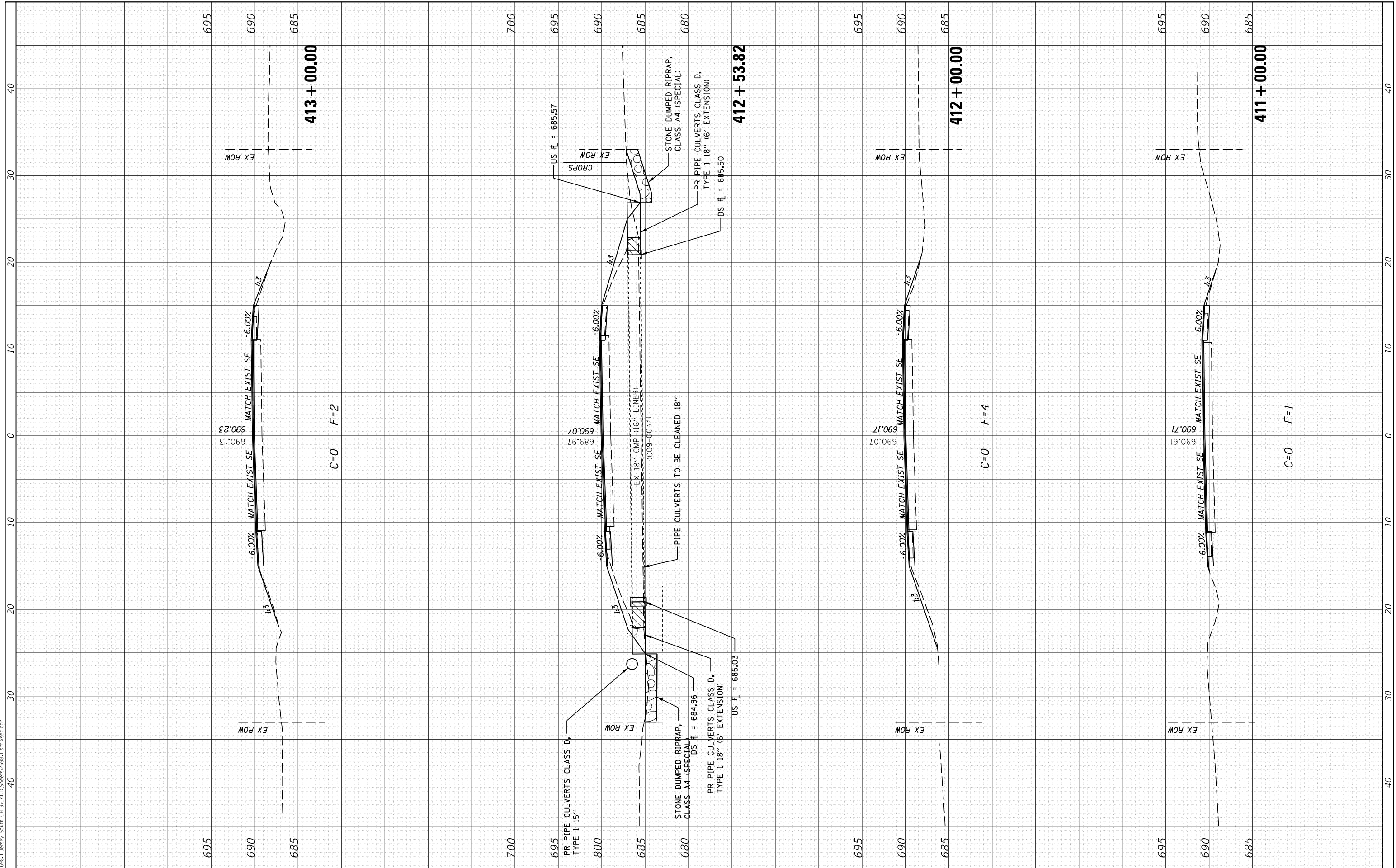
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 411+00.00 TO STA. 413+00.00

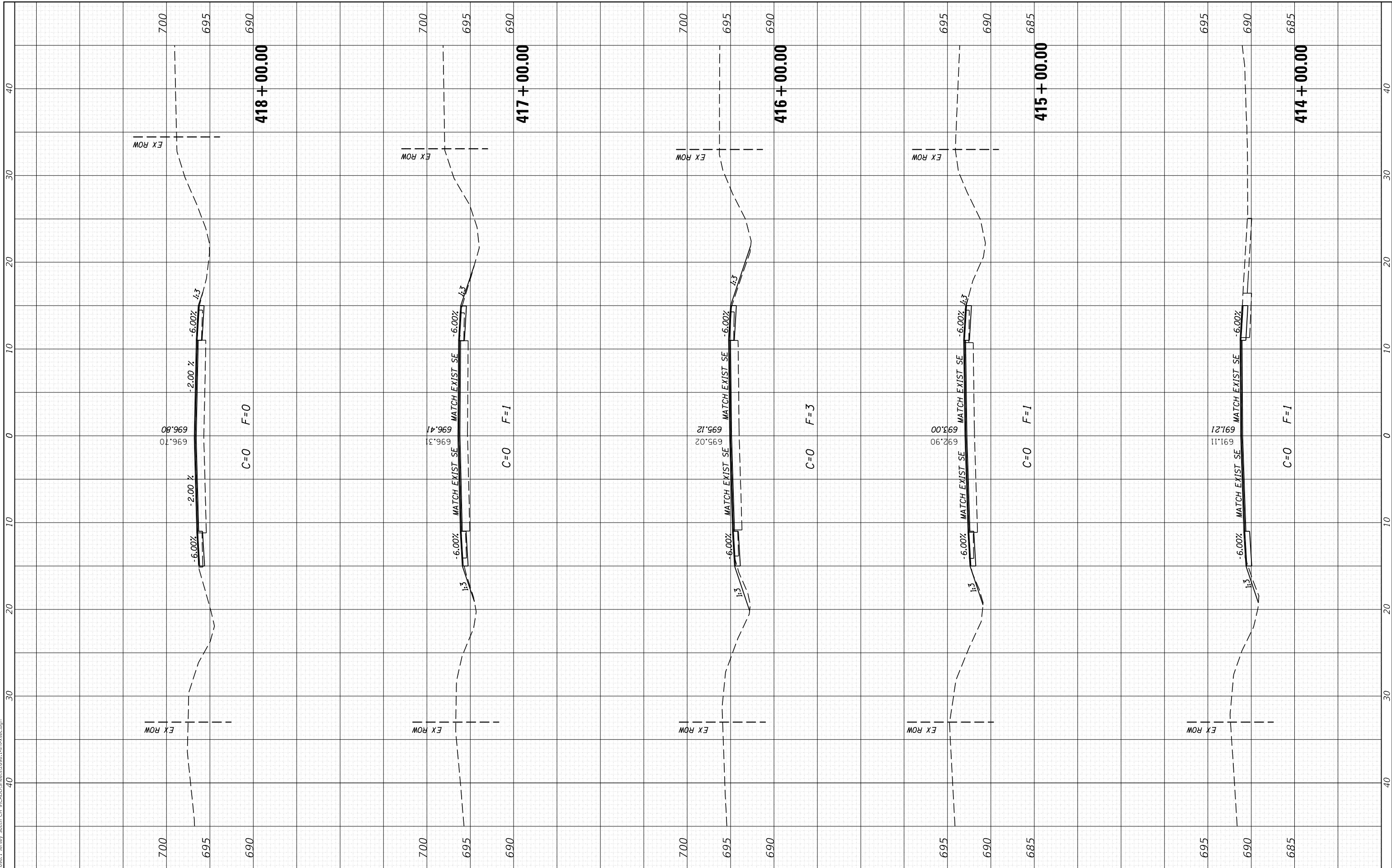
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	91
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				



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

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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

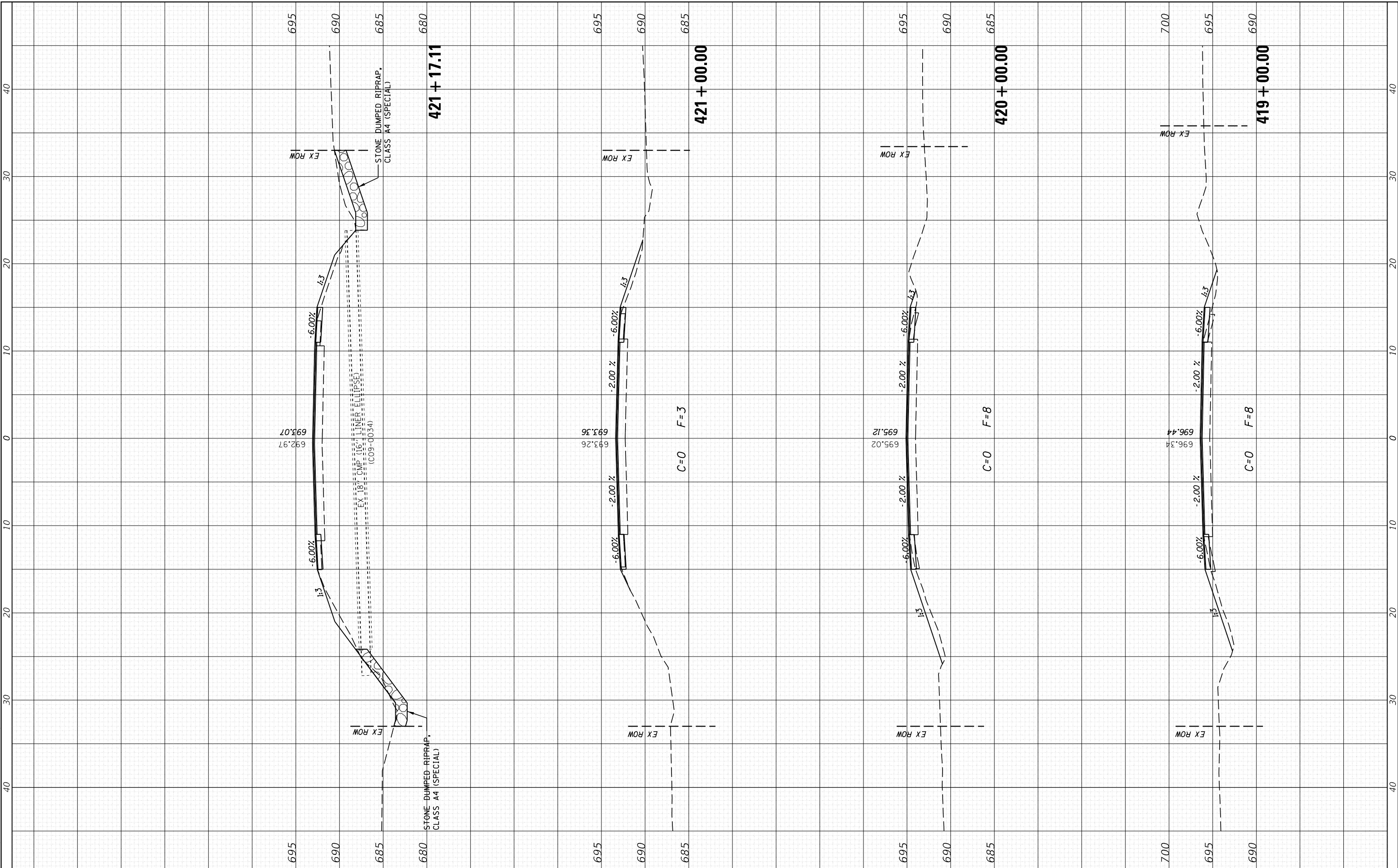
SCALE: SHEET OF SHEETS STA. 414+00.00 TO STA. 418+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	92
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

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FILE NAME = 2698.1-5ht-xsec.dgn
PLOT SCALE = 10,0000' / in.
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

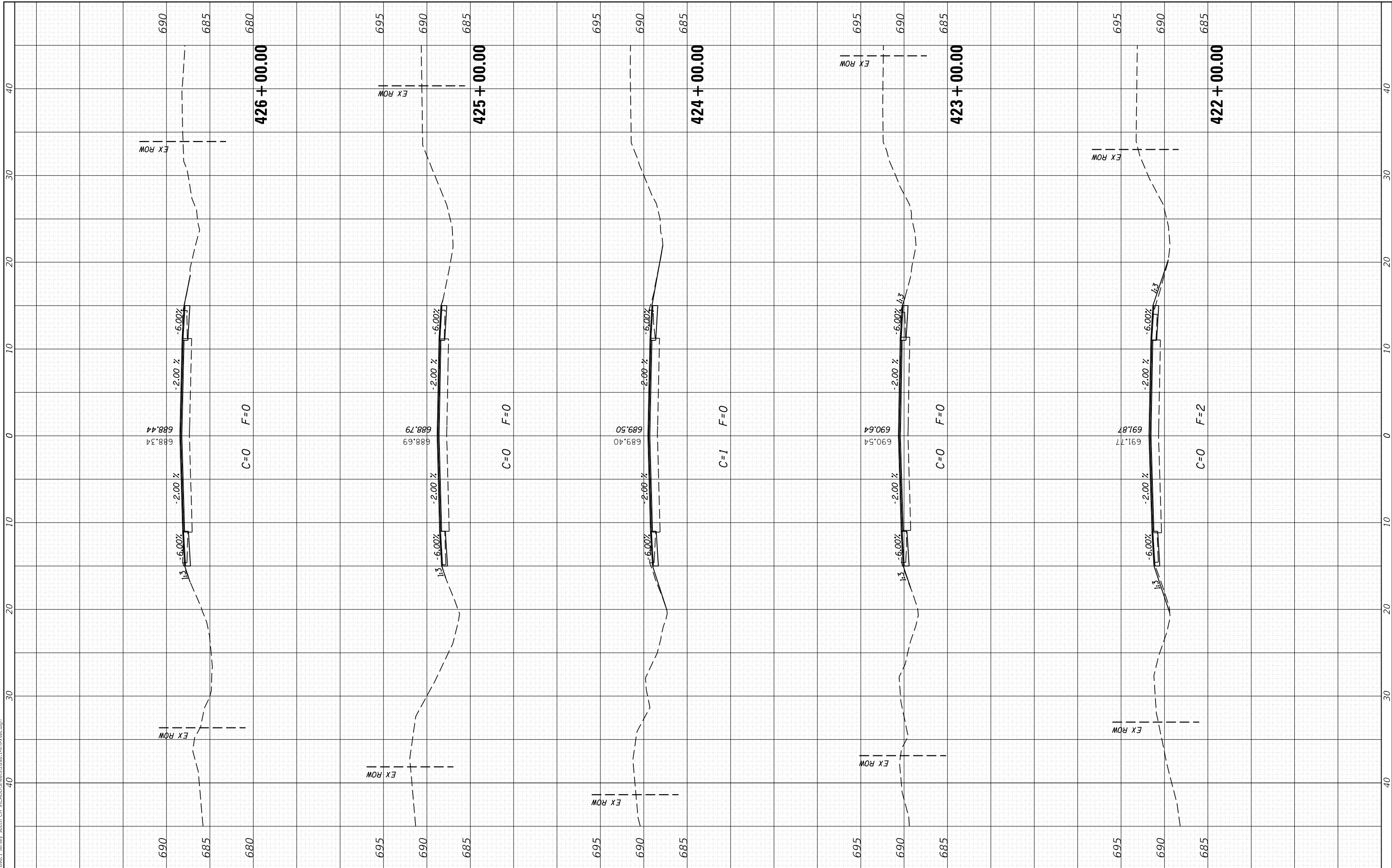
SCALE: SHEET OF SHEETS STA. 419+00.00 TO STA. 421+17.11

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	93
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-sht-xsec.dgn
PLOT SCALE = 10,0000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
DRAWN - CGF
CHECKED - TSH
DATE - 9/25/2025

REVISED -
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REVISED -

OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

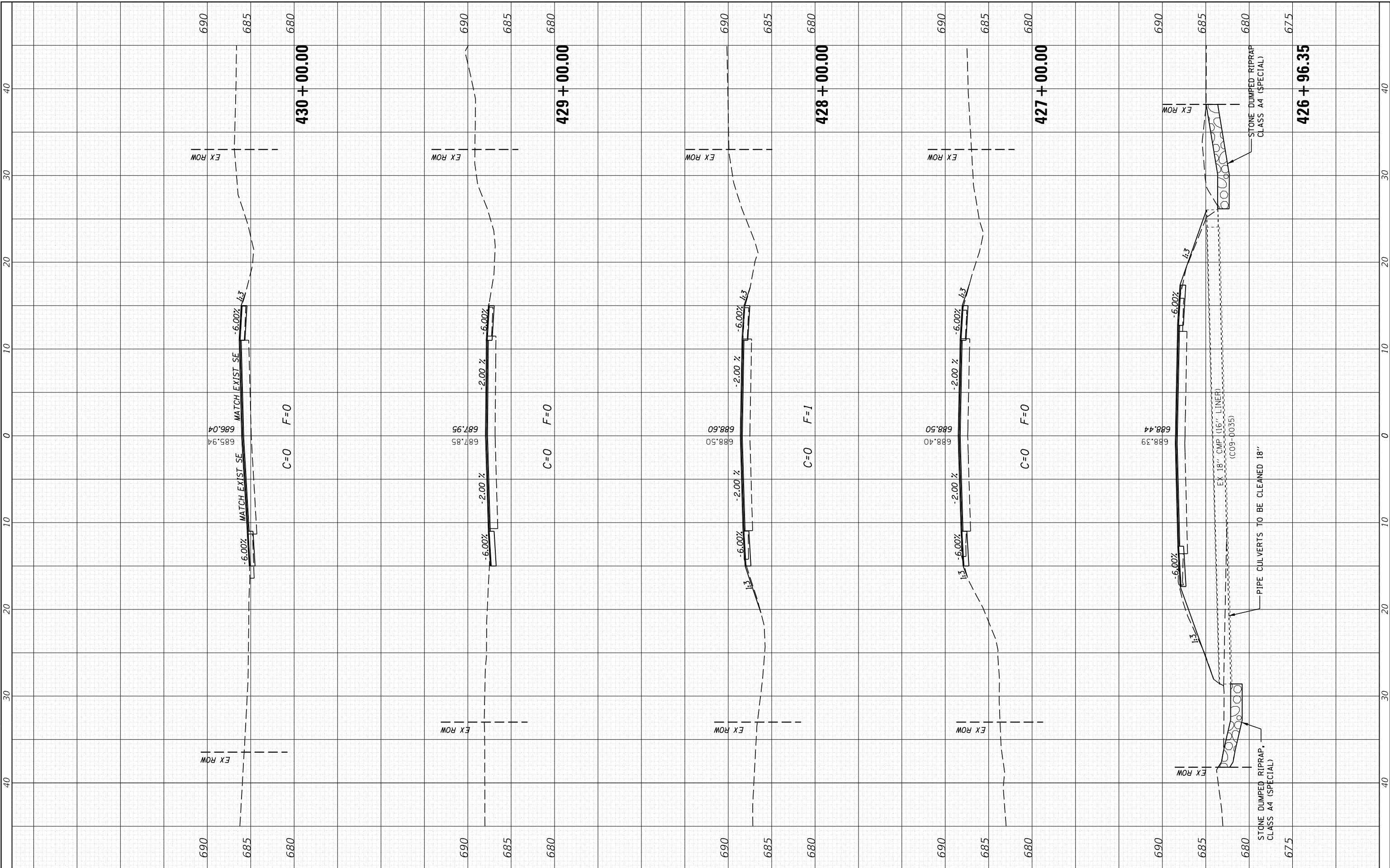
SCALE: SHEET OF SHEETS STA. 422+00.00 TO STA. 426+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 94
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97854	

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

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Defnair
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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

JOB = 2698.1
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 PLOT SCALE = 10,000' / in.
 PLOT DATE = 12/13/2024

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 9/25/2025

REVISED -
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 426+96.35 TO STA. 430+00.00

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 95
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97854	

FINAL SURVEY NO.	SURVEY PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEY PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

JOB = 2698.1
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 PLOT DATE = 12/13/2024

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 9/25/2025

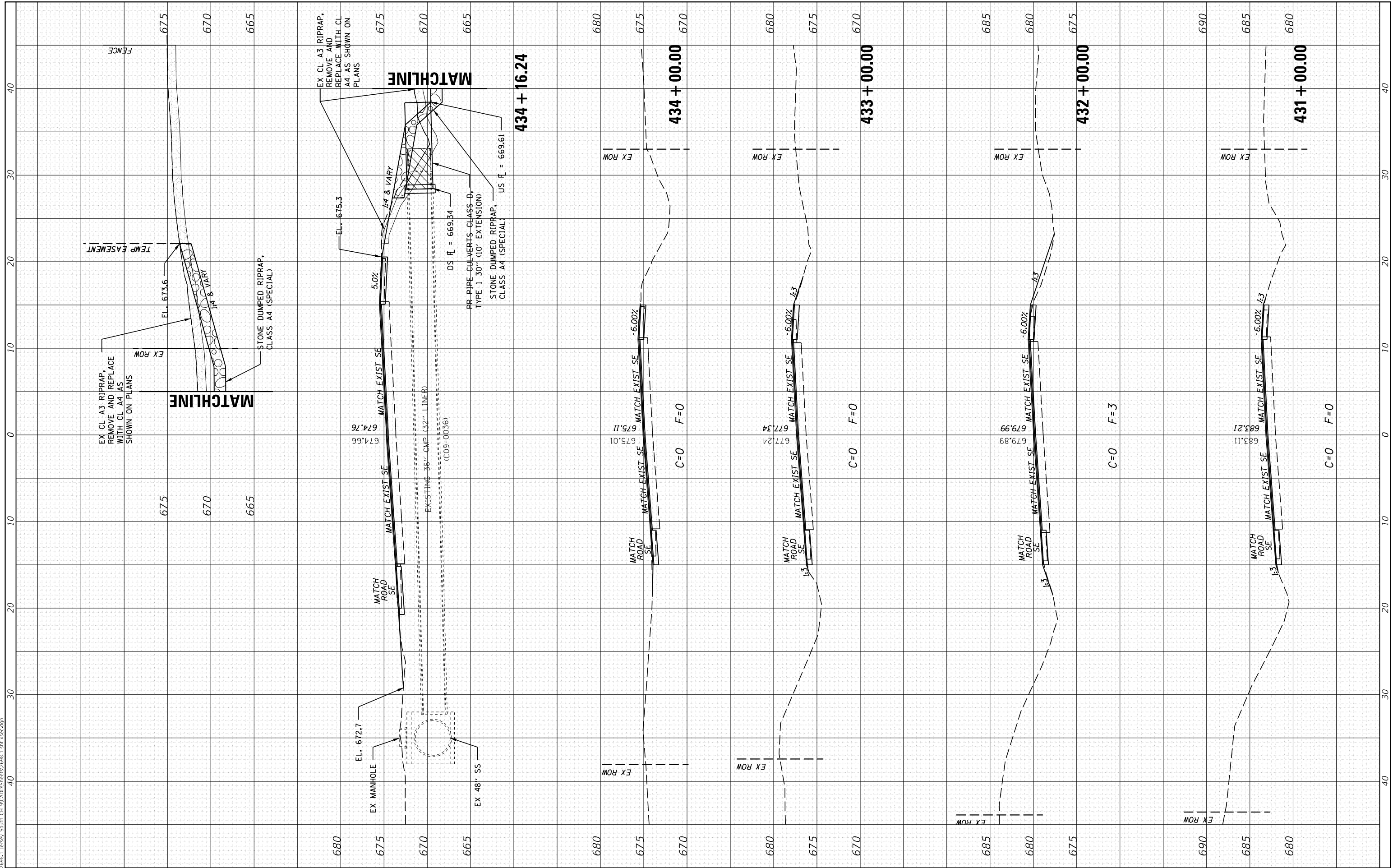
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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 431+00.00 TO STA. 434+16.24

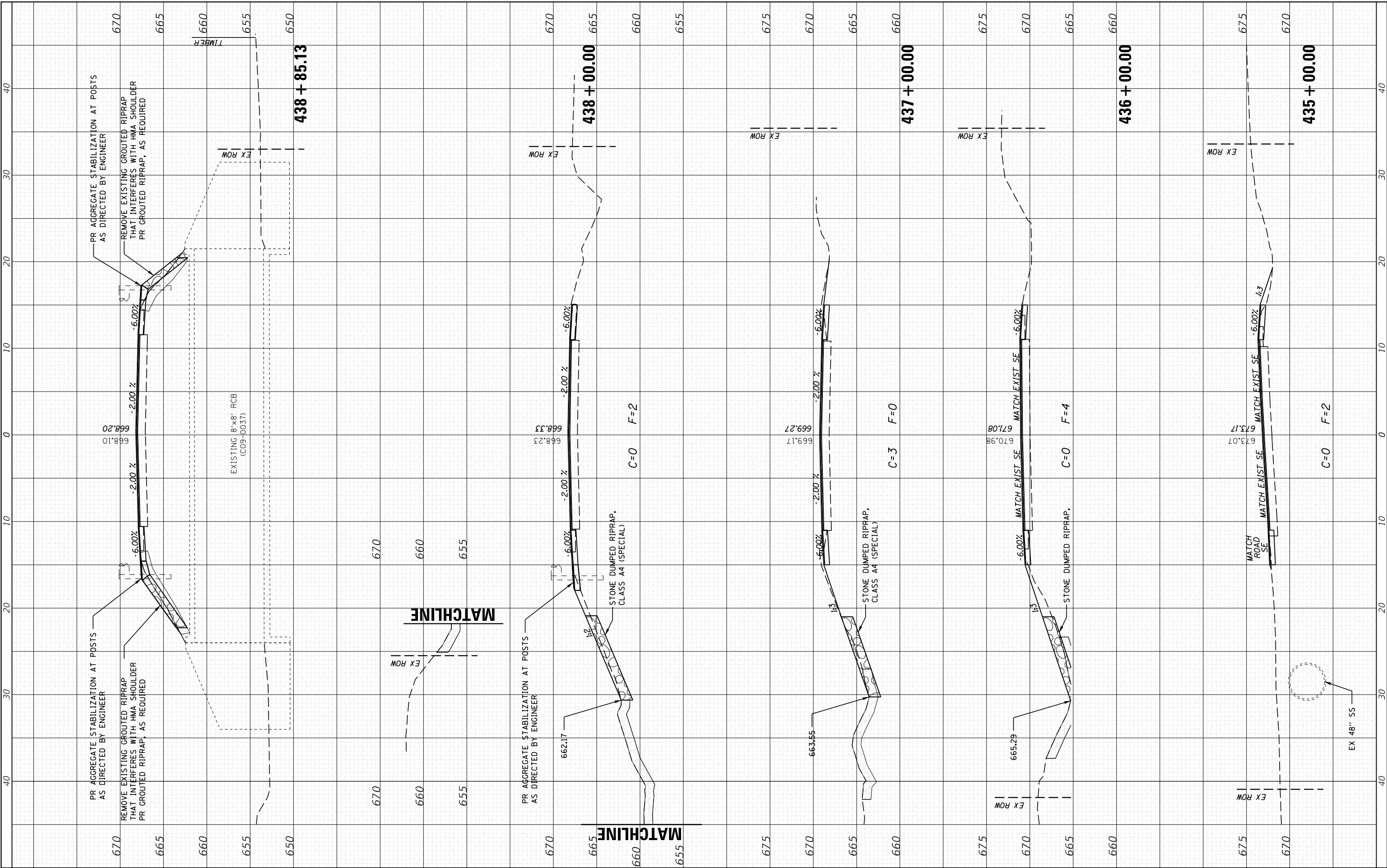
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	96
				CONTRACT NO. 97854
		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: Defnair
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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

JOB = 2698.1
 FILE NAME = 2698.1-sht-xsec.dgn
 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 12/13/2024

DESIGNED - CGF
 DRAWN - CGF
 CHECKED - TSH
 DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

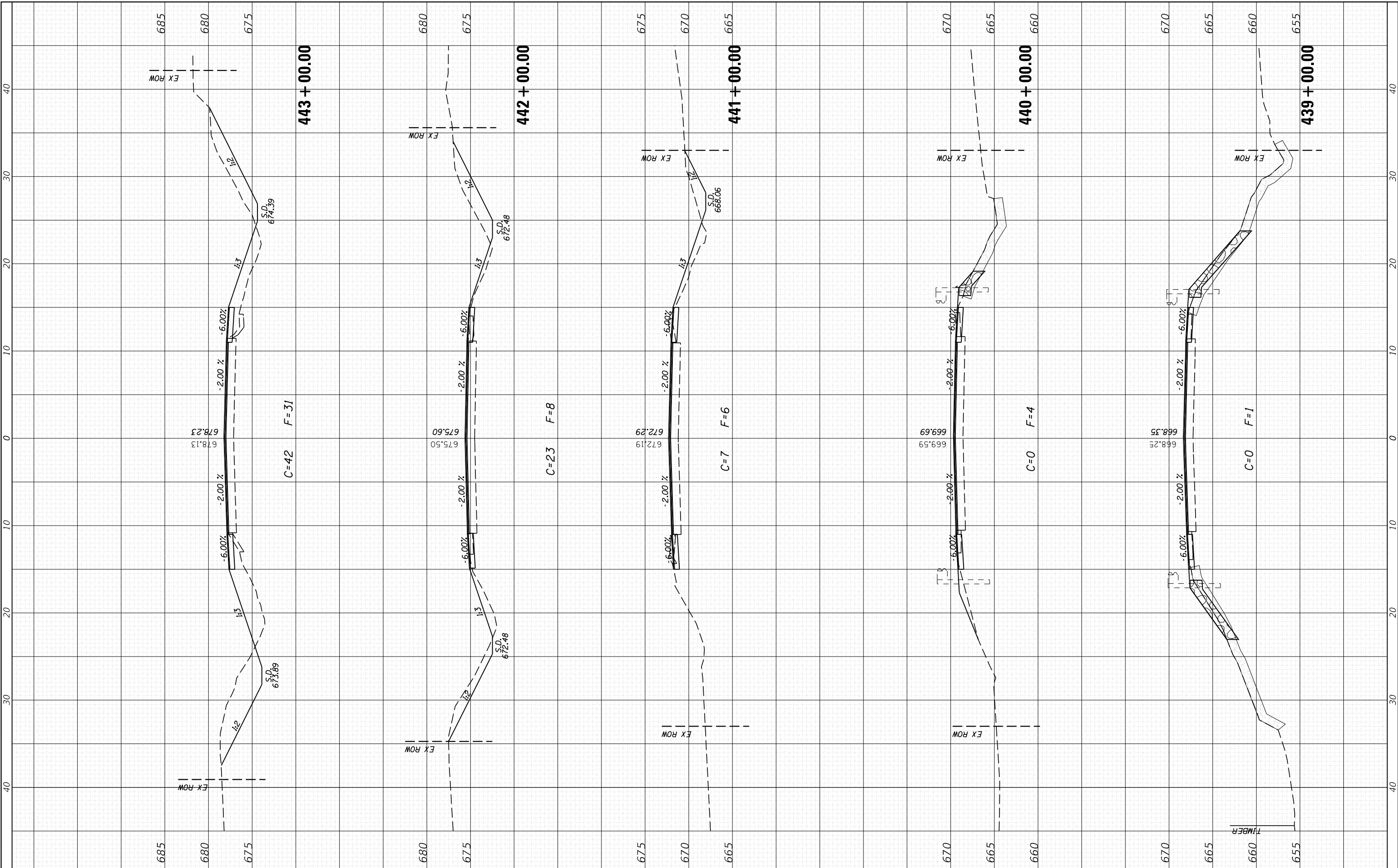
CROSS SECTIONS
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	97
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

JOB = 2698.1
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 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 12/13/2024

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 DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

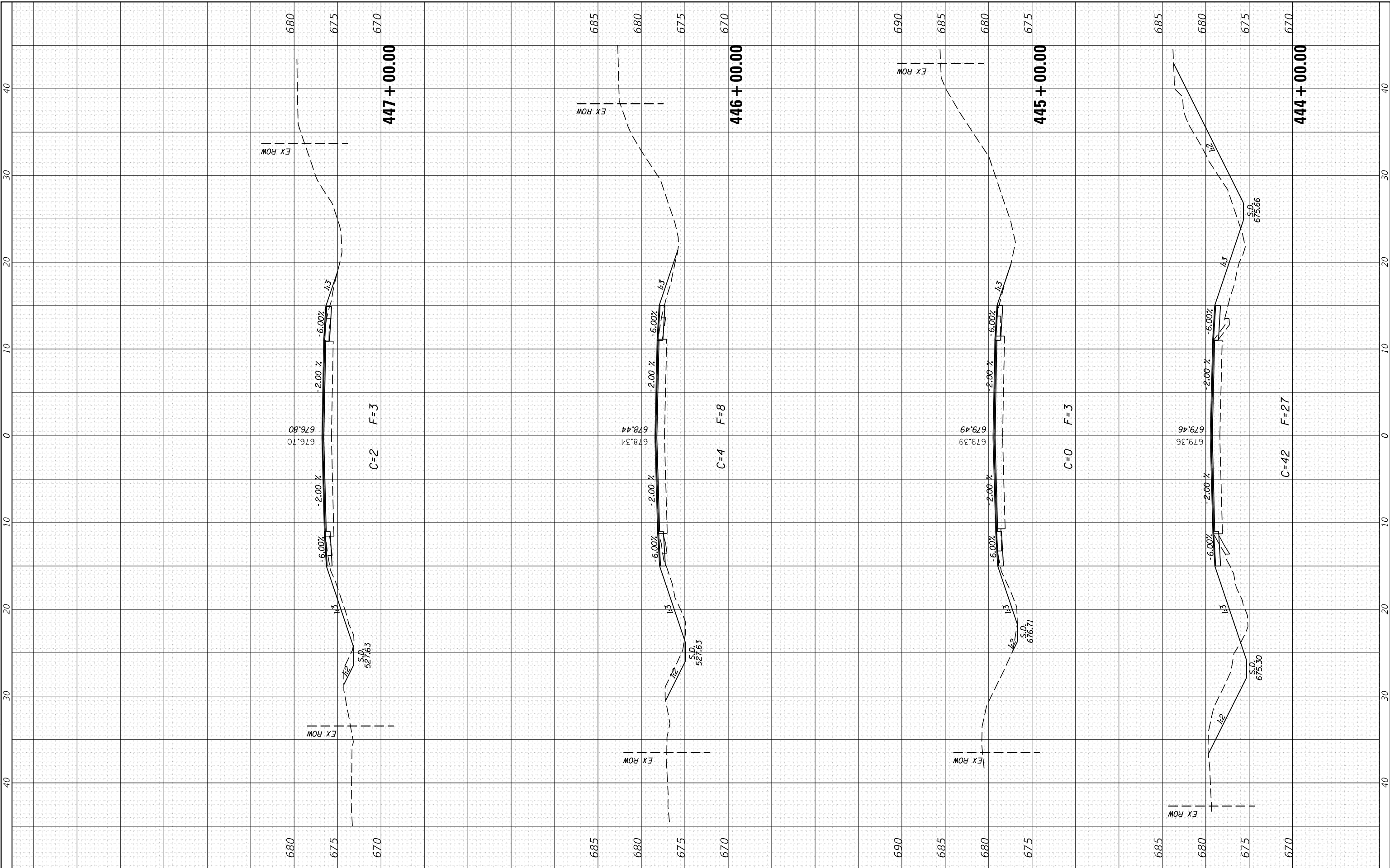
SCALE: SHEET OF SHEETS STA. 439+00.00 TO STA. 443+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	98
CONTRACT NO. 97854				
ILLINOIS		FED. AID PROJECT		

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

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

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CEC Cummins
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Corporation
ENGINEERS & SURVEYORS

JOB = 2698.1
FILE NAME = 2698.1-5ht-xsec.dgn
PLOT SCALE = 10,0000' / in.
PLOT DATE = 12/13/2024

DESIGNED - CGF
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DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

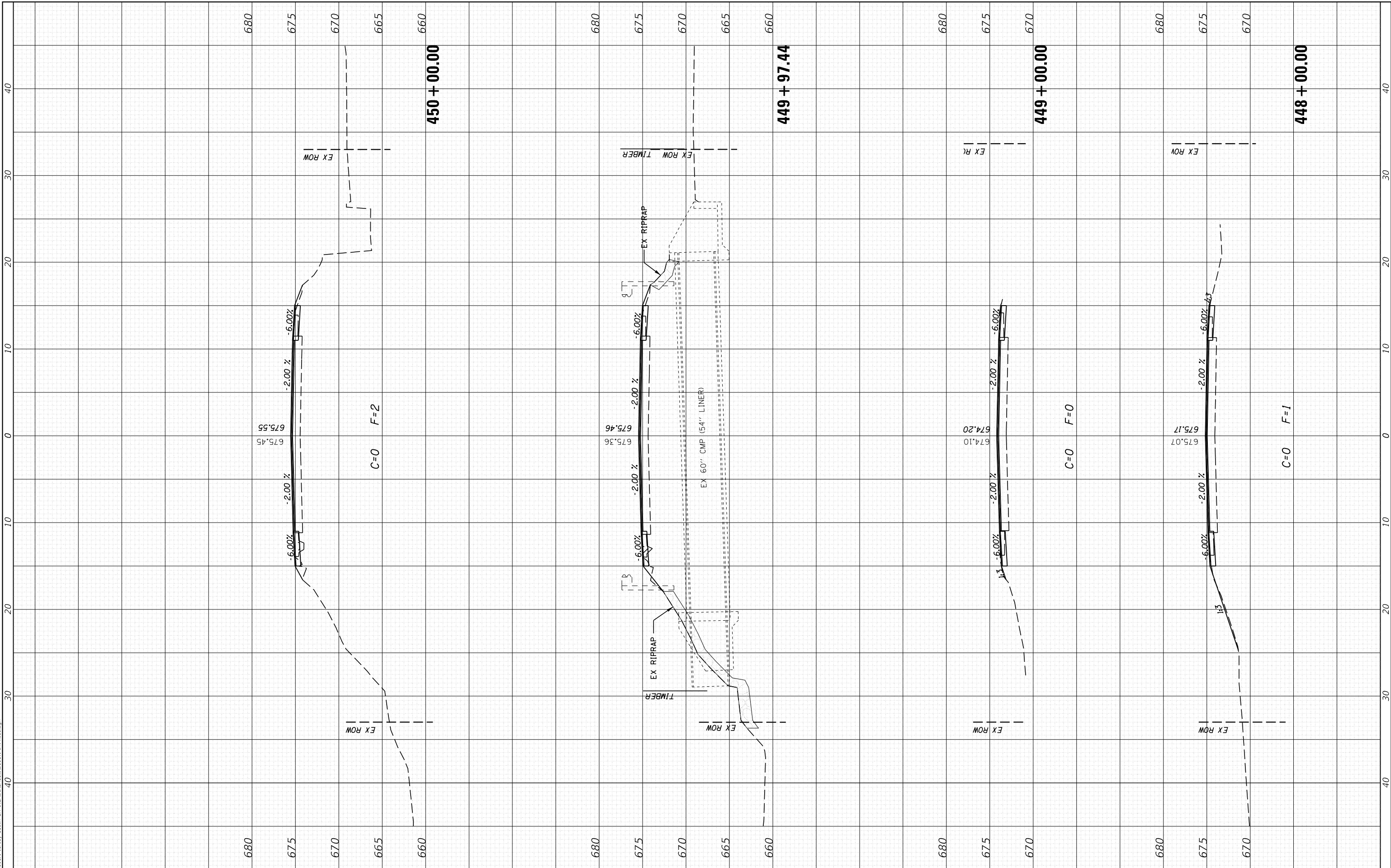
SCALE: SHEET OF SHEETS STA. 444+00.00 TO STA. 447+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	99
CONTRACT NO. 97854				
ILLINOIS		FED. AID PROJECT		

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

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

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CEC Cummins Engineering Corporation
 ENGINEERS & SURVEYORS

JOB = 2698.1
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 PLOT SCALE = 10,0000' / in.
 PLOT DATE = 12/13/2024

DESIGNED - CGF
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 CHECKED - TSH
 DATE - 9/25/2025

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

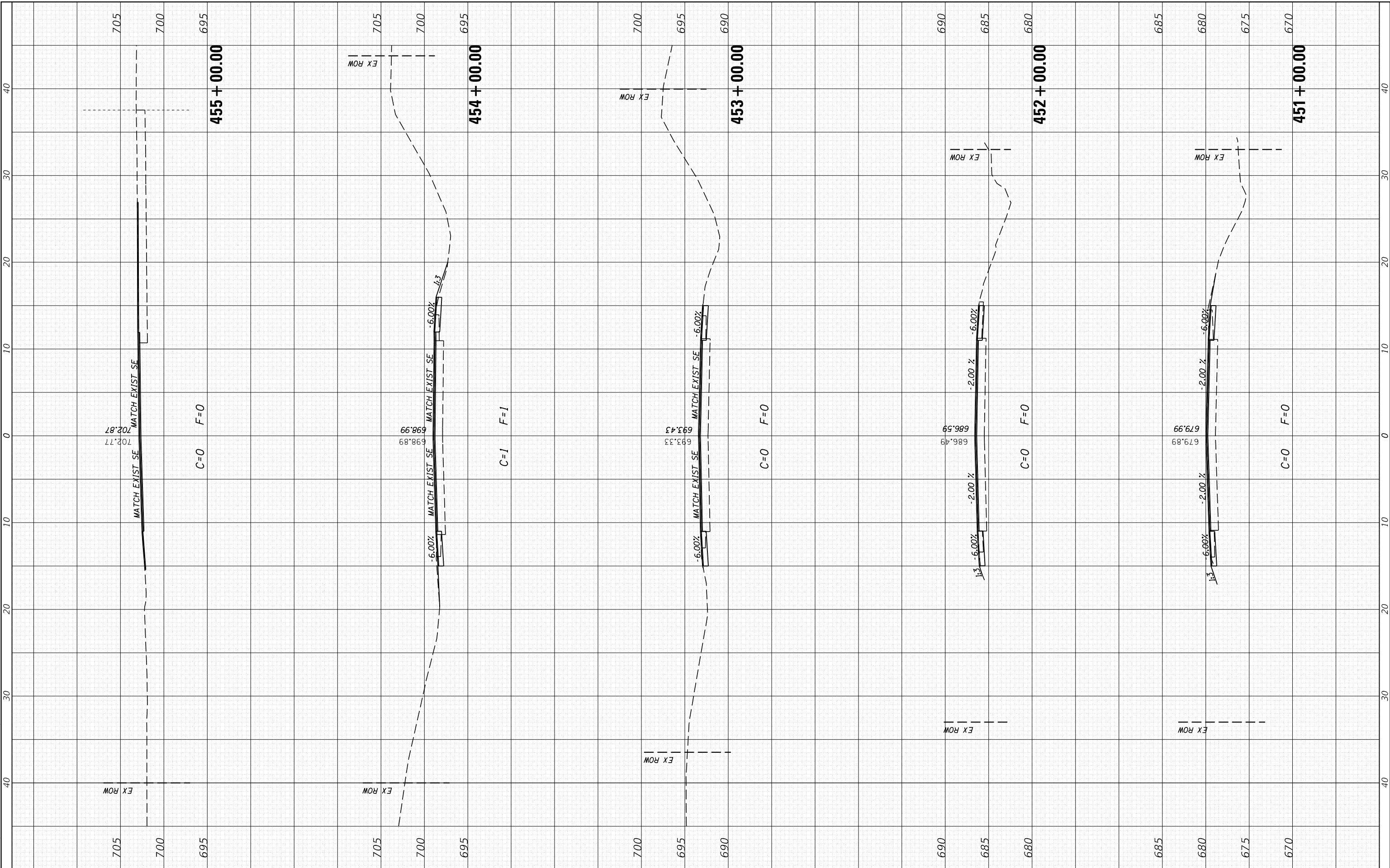
SCALE: SHEET OF SHEETS STA. 448+00.00 TO STA. 450+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	100
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS	
	CHECKED	

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CEC Cummins
 Engineering
 Corporation
 ENGINEERS & SURVEYORS

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

CROSS SECTIONS

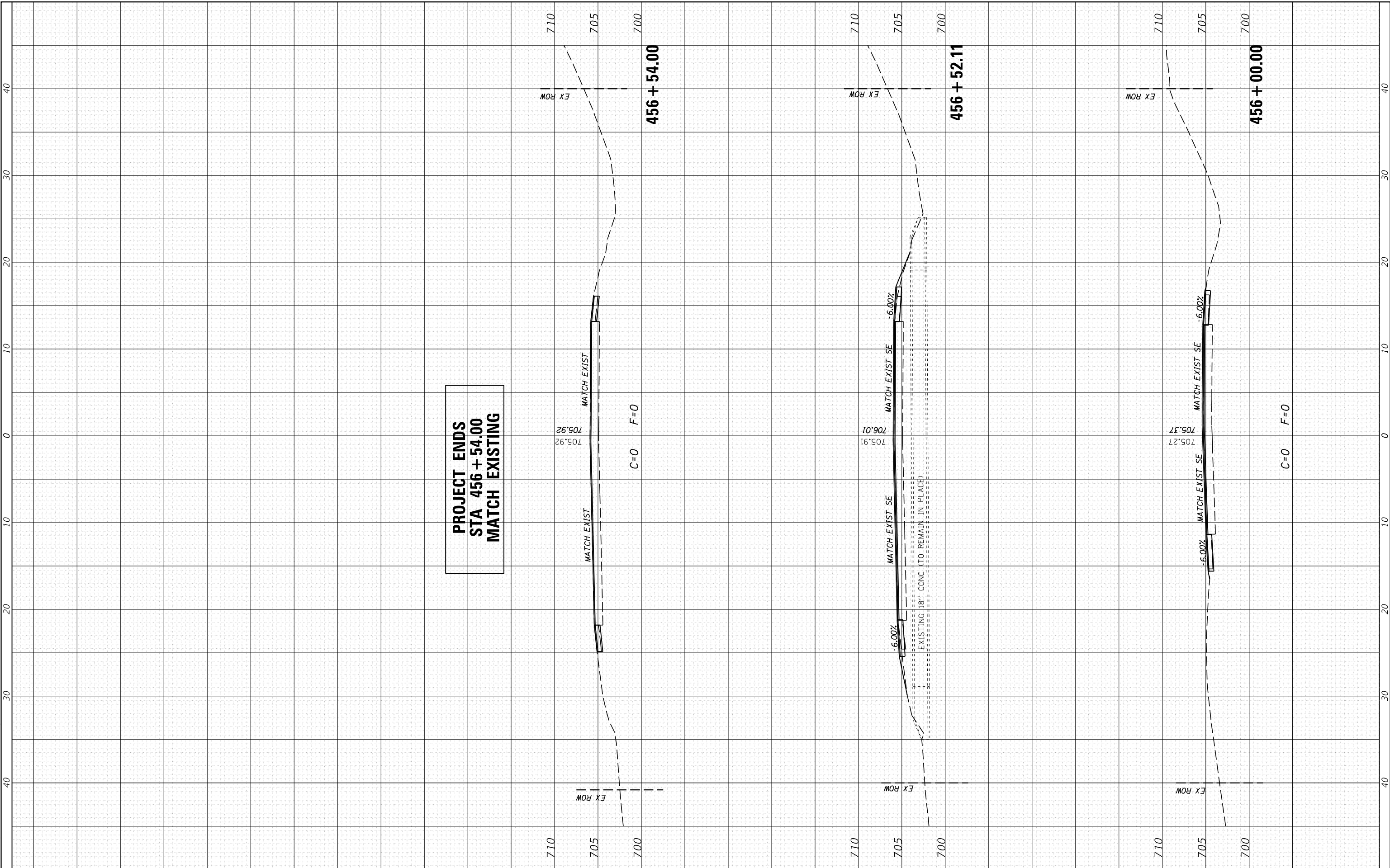
SCALE: SHEET OF SHEETS STA. 451+00.00 TO STA. 455+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	22-00024-04-5P	JERSEY	102	101
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				

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

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

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CEC Cummins Engineering Corporation
ENGINEERS & SURVEYORS

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OTTERVILLE ROAD (CH 9) IMPROVEMENTS

SCALE:		SHEET	OF	SHEETS	STA. 456+00.00	TO STA. 456+54.00
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CROSS SECTIONS

F.A.S. RTE. 749	SECTION 22-00024-04-5P	COUNTY JERSEY	TOTAL SHEETS 102	SHEET NO. 102
CONTRACT NO. 97854				
ILLINOIS FED. AID PROJECT				