

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
SURFACE TRANSPORTATION/
RURAL PROGRAM - W/ARRA

FAS ROUTE 645 (CH 1)
SECTION 05-00071-05-RS
CHRISTIAN COUNTY
PROJECT ARA-RS-0645 (112)
JOB NUMBER C-96-206-10

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	1
FED. ROAD DIST. NO.		ILLINOIS		

INDEX OF SHEETS

SHEET NO	TITLE
1	COVER SHEET
2	SUMMARY OF QUANTITIES,
2	GENERAL NOTES
3-4	TYPICAL CROSS SECTIONS
5-8	SCHEDULE OF QUANTITIES
9-14	ALIGNMENT, CROSS TIES, BENCH MARKS
15-16	GUARDRAIL LAYOUT & SHOULDER WIDENING DETAILS
17-20	BUTT JOINT DETAILS
21-22	ENTRANCE, SIDE ROAD, MAILBOX TURNOUT DETAILS
23-28	CROSS SECTIONS

LIST OF ILLINOIS
DOT HIGHWAY STANDARDS

630101-08	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
BLR 26-2	STEEL PLATE BEAM GUARDRAIL (27 1/2" HGT)

UTILITY CONTACTS:

UTILITY TYPE:

ELECTRIC
AMEREN CIPS (SOUTH)
(217) 234-0443
ATTN: KAREN DIETDERICH

UTILITY TYPE:

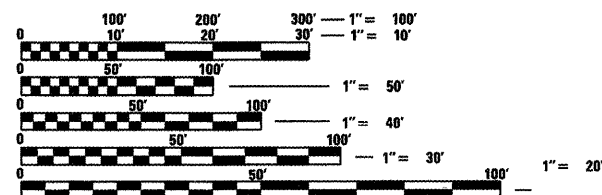
TELEPHONE
ILLINOIS CONSOLIDATED TELEPHONE
(217) 235-3326
ATTN: BARB WILLIAMS

UTILITY TYPE:

ELECTRIC
SHELBY ELECTRIC CO-OP
(217) 744-3986
ATTN: JIM MATLOCK

UTILITY TYPE:

TELEPHONE
CONOCO PHILLIPS PL-SCHRAM CIT
(217) 532-5709
ATTN: DALE L. KNOX



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

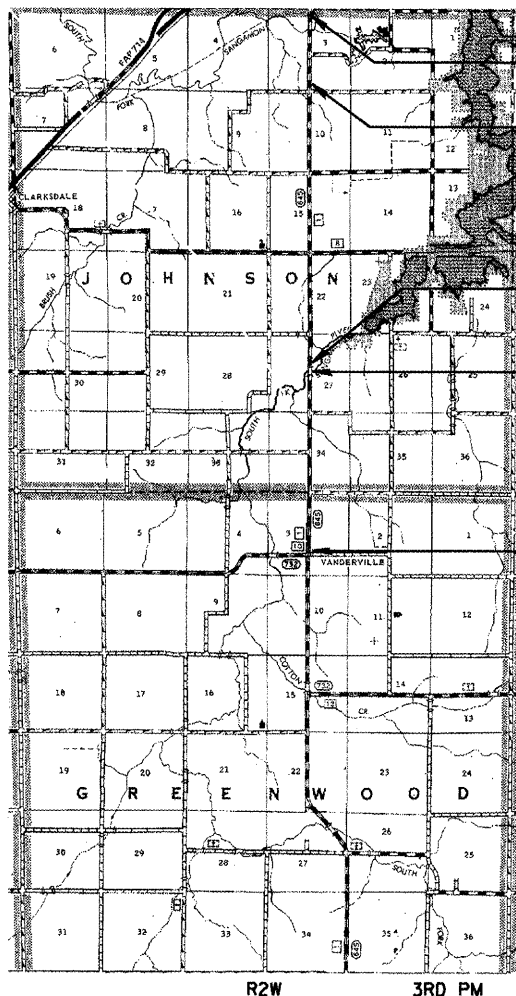
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CONTRACT NO.



DESIGN CLASS:
RURAL - MAJOR COLLECTOR
DESIGN SPEED 50MPH
3R GUIDELINES

CONTRACT No. 93517



BEGIN SECTION
STA 79+07.02

STA EQUATION
STA 97+78.64 BK =
STA 121+68.98 AH

OMISSION
STA 332+26.17 TO
STA 334+31.66

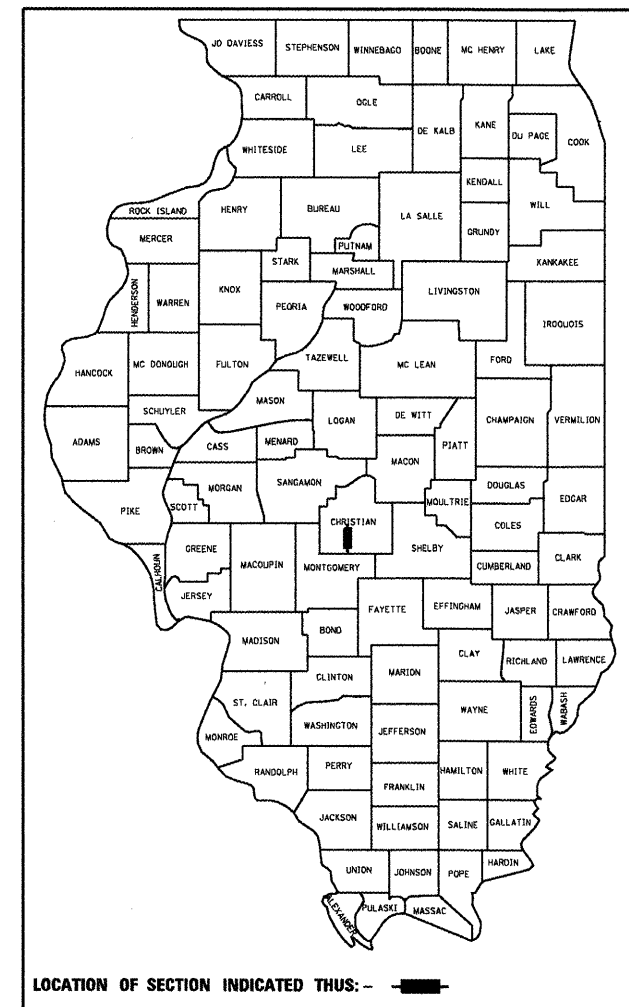
STA 333+25
EXISTING SN 011-3024
3 SPAN STEEL BEAM BRIDGE
205' BK TO BK APPROACH BENTS
26' FC TO FC RAIL

END SECTION
STA 453+65



SCALE IN MILES

GROSS LENGTH OF SECTION 35,067.64 FEET 6.642 MILES
NET LENGTH OF SECTION 34,862.15 FEET 6.603 MILES



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

APPROVED 11/24/09

Clay O. Frye
COUNTY ENGINEER

PASSED Nov 30 . 2009

Jimmy Felt
DISTRICT SIX ENGINEER OF LOCAL ROADS AND STREETS

PASSED November 30 . 2009

Ron Duchambeau
DISTRICT ENGINEER OF CONSTRUCTION

RELEASED FOR BID BASED ON LIMITED REVIEW Nov 30 . 2009

Roger O. Dunkel
DEPUTY DIRECTOR OF HIGHWAYS,
REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Michael D. Cummins (11/23/09)
ILLINOIS PROFESSIONAL NO. 43244
(Expires 11/30/11)

SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	QUANTITY
20200500	EARTH EXCAVATION (WIDENING)	CU YD	41
20400800	FURNISHED EXCAVATION	CU YD	650
• 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.8
25100630	EROSION CONTROL BLANKET	SQ YD	372
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	80
35101400	AGGREGATE BASE COURSE, TYPE B	TON	111
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	148
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	306
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	10,937
40600300	AGGREGATE (PRIME COAT)	TON	210
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	312
40600990	TEMPORARY RAMP	SQ YD	84
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	17,590
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	8,616
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	284
• 44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	85,573
• 48101800	AGGREGATE SHOULDERS (SPECIAL)	SQ YD	28,061
48203100	HOT-MIX ASPHALT SHOULDERS	TON	24
△ 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	894.0
△ 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	81.5
△ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	13,968
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	94,080
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,152
△ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	94,080
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	292
△ • 78200405	GUARDRAIL MARKERS	EACH	16
△ • 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8
△ 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	292
• XX005364	RECYCLED MATERIAL PATCHING	TON	100
• XX006856	BITUMINOUS MATERIALS (COLD IN-PLACE RECYCLING)	GALLON	379,854
• XX006984	COLD IN-PLACE RECYCLING, BITUMINOUS CONCRETE PAVEMENT 8"	SQ YD	108,530
• XX006985	SHOULDER EXCAVATION	CU YD	6,412

• SEE SPECIAL PROVISIONS

CONSTRUCTION TYPE CODE: 1000-2A

△ SPECIALTY ITEMS

GENERAL NOTES

- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE ANY 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.
- MATERIAL FOR SHORT TERM PAVEMENT MARKINGS PLACED DURING PULVERIZATION OPERATIONS SHALL BE PAINT.
- MILLED SURFACE MATERIAL TO BE UTILIZED AS SPECIFIED WITHIN. (SEE SPECIAL PROVISIONS)
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.

SEEDING CLASS 2 (SPECIAL) = 0.8 ACRES

- Holes required for attaching guardrail to existing culverts shall be drilled with a core drill.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	STA 79+07.02 TO STA 98+18.49 STA 122+05.00 TO STA 332+22.34 STA 334+27.83 TO STA 453+65			
	MIXTURE USES	HOT-MIX ASPHALT SURFACE COURSE & INCIDENTAL SURFACING	HOT-MIX ASPHALT BINDER COURSE	HOT-MIX ASPHALT BASE COURSE
AC/PG:	PG 64-22	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS %	4.0 • NDESIGN = 70	4.0 • NDESIGN = 70	4.0 • NDESIGN = 70	2.0 • NDESIGN = 30
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-12.5 OR 9.5	IL 19.0	IL 19.0	BAM
FRICTION AGGREGATE	MIX "C"	N/A	N/A	N/A

GRANULAR MATERIALS ----- 2.05 Tons/Cu. Yd.
 BITUMINOUS MATERIALS (PRIME COAT) ----- 0.35 Gallon/Sq.Yd. (Agg. Base)
 ----- 0.10 Gallon/Sq.Yd. (Bt. Base)
 HOT-MIX ASPHALT ----- 112 #/Sq.Yd./Inch



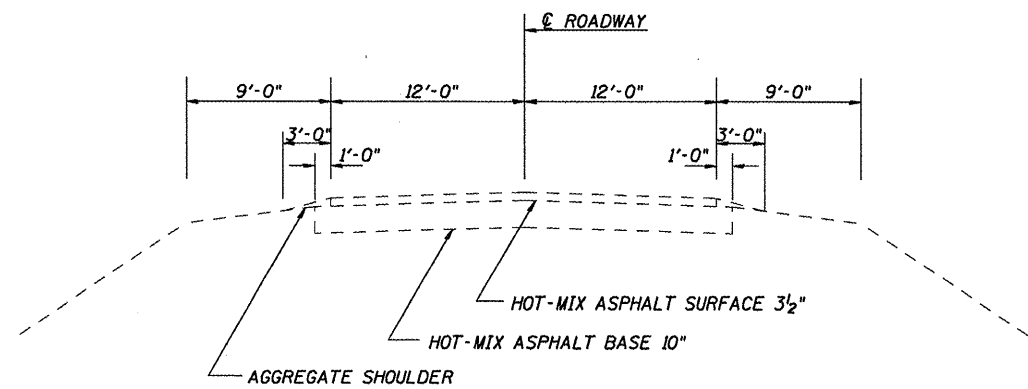
JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233 S00.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 1/8" = 100.0000' / IN.	CHECKED -	REVISED -
PLOT DATE = 11/23/2009	DATE - 9/15/2009	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

**SUMMARY OF QUANTITIES
GENERAL NOTES**

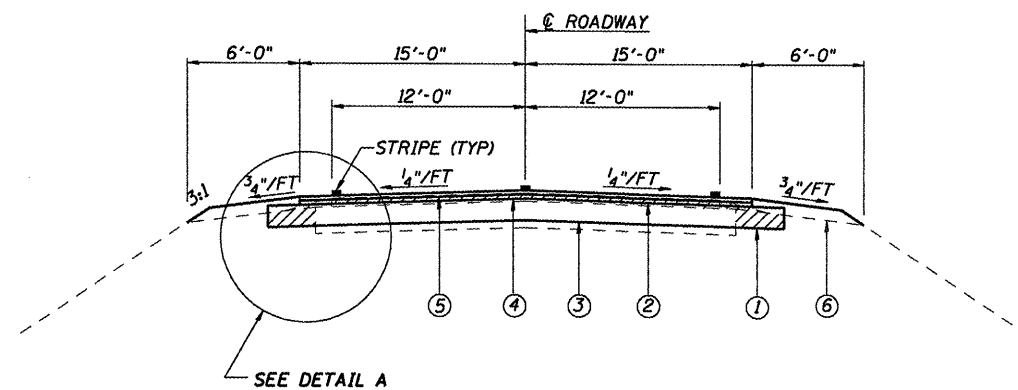
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-R5	CHRISTIAN	28	2
CONTRACT NO.				
SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

93517



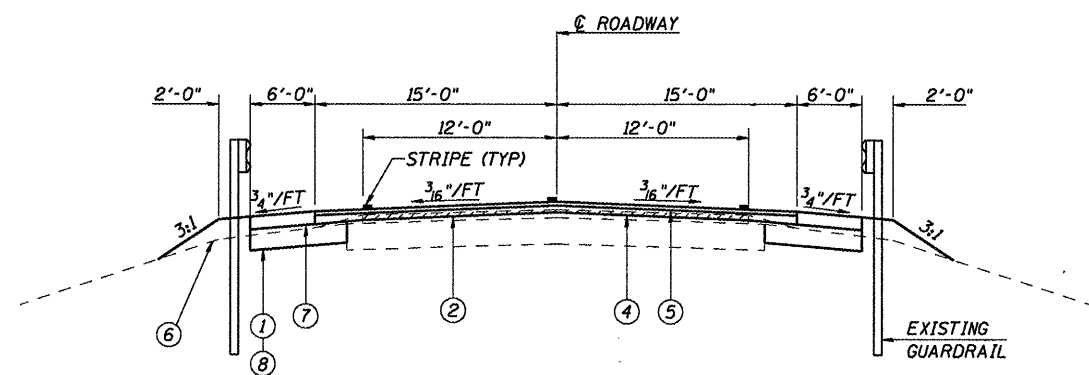
CH 1 EXISTING TYPICAL CROSS SECTION

STA 79+07.02 TO STA 97+78.64



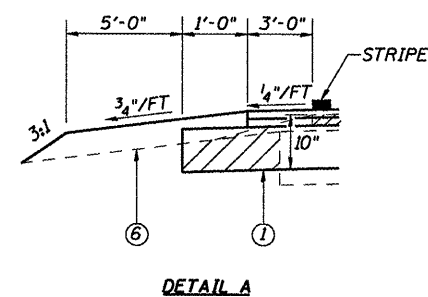
CH 1 PROPOSED TYPICAL CROSS SECTION

STA 79+77.02 TO STA 97+78.64



CH 1 PROPOSED TYPICAL CROSS SECTION

STA 79+07.02 TO STA 79+77.02



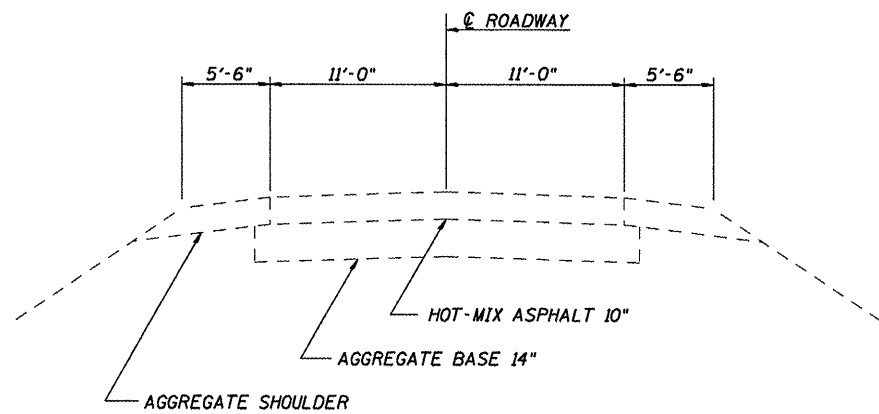
- SEQUENCE OF OPERATIONS**
1. EXCAVATE SHOULDER AND SALVAGE AGGREGATE
 2. MILL EXISTING PAVEMENT AND PLACE CUTTINGS IN SHOULDER EXCAVATION TRENCH
 3. PULVERIZE AND PROCESS EXISTING HOT-MIX ASPHALT AND MILLINGS
 4. PLACE HOT-MIX ASPHALT BINDER AND SURFACE COURSE.
 5. CONSTRUCT AGGREGATE SHOULDER USING SALVAGED AGGREGATE

*OPERATIONS 1 AND 2 ARE DONE AT THE SAME TIME. ALL TRENCHES SHALL BE FILLED ON THE SAME DAY THAT THEY ARE EXCAVATED

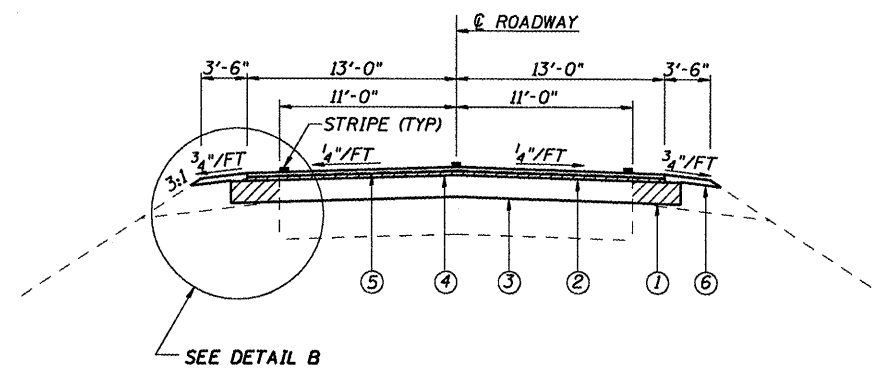
PAVEMENT DESIGN

DESIGN TRAFFIC : ADT 2455 (20)
 PV = 71.9% SU = 5.7% MU = 22.4%
 TRAFFIC FACTOR = 2.65
 STRUCTURAL NO. = 4.3
 CONSTRUCT: 4 1/2" HMA BINDER/SURFACE A₁ = 0.36
 8" CIR BITUMINOUS CONCRETE PAVEMENT A₂ = 0.23
 9" AGGREGATE BASE A₃ = 0.11

- LEGEND**
- 1 SHOULDER EXCAVATION
 - 2 HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4"
 - 3 COLD-IN-PLACE RECYCLING OF BITUMINOUS CONCRETE PAVEMENT 8"
 - 4 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 3"
 - 5 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
 - 6 AGGREGATE SHOULDERS (SPECIAL)
 - 7 HMA SHOULDERS 4 1/2"
 - 8 HOT-MIX ASPHALT BASE COURSE, 8"



CH 1 EXISTING TYPICAL CROSS SECTION
STA 121+68.98 TO STA 453+65



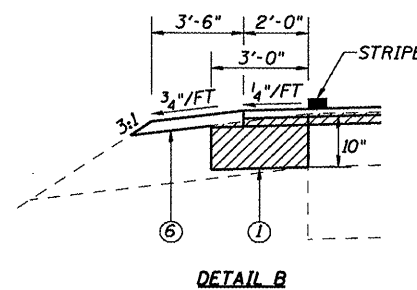
CH 1 PROPOSED TYPICAL CROSS SECTION
STA 121+68.98 TO STA 332+26.17
STA 334+31.66 TO STA 453+65

LIMITS OF COLD-IN-PLACE RECYCLING OF BITUMINOUS CONCRETE PAVEMENT

STA 121+68.98 TO STA 331+56.17
STA 335+01.66 TO STA 453+40

BRIDGE OMISSION

STA 332+26.17 TO STA 334+31.66



LEGEND

- ① SHOULDER EXCAVATION
- ② HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4"
- ③ COLD-IN-PLACE RECYCLING OF BITUMINOUS CONCRETE PAVEMENT 8"
- ④ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 3"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- ⑥ AGGREGATE SHOULDERS (SPECIAL)
- ⑦ HMA SHOULDERS 4 1/2"

FURNISHED EXCAVATION

LOCATION	CU YD
RT STA 310+44.00 TO STA 314+56.00	170
LT STA 311+64.00 TO STA 315+51.00	140
RT STA 368+54.00 TO STA 372+66.00	225
LT STA 369+74.00 TO STA 373+86.00	115
TOTAL	650

SHOULDER EXCAVATION

LOCATION	CU YD
RT STA 79+77.02 TO STA 97+78.64	166.82
RT STA 121+68.98 TO STA 331+56.17	1,943.26
RT STA 335+01.66 TO STA 453+40.00	1,096.14
LT STA 79+77.02 TO STA 97+78.64	166.82
LT STA 121+68.98 TO STA 331+56.17	1,943.26
LT STA 335+01.66 TO STA 453+40.00	1,096.14
TOTAL	6,412.44

EARTH EXCAVATION (WIDENING)

LOCATION	WIDTH	CU YD
RT STA 79+07.02 TO STA 79+77.02	9.5'	20.52
LT STA 79+07.02 TO STA 79+77.02	9.5'	20.52
TOTAL		41.04

SEEDING, CLASS 2 (SPECIAL)

LOCATION	ACRE
LT STA 311+64.00 TO STA 315+51.00	0.2
LT STA 369+74.00 TO STA 373+86.00	0.2
RT STA 310+44.00 TO STA 314+56.00	0.2
RT STA 368+54.00 TO STA 372+66.00	0.2
TOTAL	0.8

EROSION CONTROL BLANKET

LOCATION	SQ YD
LT STA 312+99.00 TO STA 313+55.00	76.44
LT STA 371+04.00 TO STA 371+64.00	110.89
RT STA 312+49.00 TO STA 313+29.00	94.56
RT STA 370+70.00 TO STA 371+44.00	90.22
TOTAL	372.11

TEMPORARY EROSION CONTROL SEEDING

LOCATION	POUND
LT STA 311+64.00 TO STA 315+51.00	20
LT STA 369+74.00 TO STA 373+86.00	20
RT STA 310+44.00 TO STA 314+56.00	20
RT STA 368+54.00 TO STA 372+66.00	20
TOTAL	80

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

LOCATION	EACH
LT STA 311+95.00 TO STA 312+45.00	1
LT STA 314+70.00 TO STA 315+20.00	1
RT STA 310+75.00 TO STA 311+25.00	1
RT STA 313+75.00 TO STA 314+25.00	1
LT STA 370+05.00 TO STA 370+55.00	1
LT STA 373+05.00 TO STA 373+55.00	1
RT STA 368+85.00 TO STA 369+35.00	1
RT STA 371+85.00 TO STA 372+35.00	1
TOTAL	8

STEEL PLATE BEAM GUARD RAIL, TYPE A

LOCATION	FOOT
LT STA 312+45.00 TO STA 313+07.50	62.500
LT STA 313+26.25 TO STA 314+70.00	143.750
RT STA 311+25.00 TO STA 312+84.38	159.375
RT STA 313+03.13 TO STA 313+75.00	71.875
LT STA 370+55.00 TO STA 371+20.63	65.625
LT STA 371+42.50 TO STA 373+05.00	162.500
RT STA 369+35.00 TO STA 371+03.75	168.750
RT STA 371+25.63 TO STA 371+85.00	59.375
TOTAL	893.75

STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES

LOCATION	FOOT
LT STA 313+07.50 TO STA 313+26.25	18.750
RT STA 312+84.38 TO STA 313+03.13	18.750
LT STA 371+20.63 TO STA 371+42.50	21.875
RT STA 371+03.75 TO STA 371+25.63	21.875
TOTAL	81.250

GUARDRAIL MARKERS

LOCATION	EACH
LT STA 312+45.00 TO STA 314+70.00	4
LT STA 370+55.00 TO STA 373+05.00	4
RT STA 311+25.00 TO STA 313+75.00	4
RT STA 369+35.00 TO STA 371+85.00	4
TOTAL	16

TERMINAL MARKER - DIRECT APPLIED

LOCATION	EACH
LT STA 311+95.00	1
LT STA 315+20.00	1
LT STA 370+05.00	1
LT STA 373+55.00	1
RT STA 311+25.00	1
RT STA 314+25.00	1
RT STA 368+85.00	1
RT STA 372+35.00	1
TOTAL	8



JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233 S00.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 1/8" = 100.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 11/28/2009	DATE - 9/15/2009	REVISED -

CHRISTIAN COUNTY
CH 1 IMPROVEMENTS

SCHEDULE OF QUANTITIES

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-R5	CHRISTIAN	28	5
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

COLD IN-PLACE RECYCLING, BITUMINOUS CONCRETE PAVEMENT 8"

LOCATION	WIDTH	SQ YD
STA 79+77.02 TO STA 97+78.64	32'	6,405.76
STA 121+68.98 TO STA 331+56.17	28'	65,293.48
STA 335+01.66 TO STA 453+40.00	28'	36,830.39
TOTAL		108,529.63

BITUMINOUS MATERIALS (COLD IN-PLACE RECYCLING)

LOCATION	WIDTH	GALLON
STA 79+77.02 TO STA 97+78.64	32'	22,420.16
STA 121+68.98 TO STA 331+56.17	28'	228,527.18
STA 335+01.66 TO STA 453+40.00	28'	128,906.37
TOTAL		379,853.71

BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	WIDTH	GALLON
STA 79+07.02 TO STA 97+78.64	30.92'	643.01
STA 121+68.98 TO STA 332+26.17	26.92'	6,298.44
STA 334+31.66 TO STA 453+65.00	26.92'	3,569.39
TOTAL		10,510.84

SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

AGGREGATE (PRIME COAT)

LOCATION	WIDTH	TON
STA 79+07.02 TO STA 97+78.64	30.92'	12.86
STA 121+68.98 TO STA 332+26.17	26.92'	125.97
STA 334+31.66 TO STA 453+65.00	26.92'	71.39
TOTAL		210.22

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70

LOCATION	THICKNESS	WIDTH	TON
STA 79+24.52 TO STA 79+77.02	1" to 3"	30.92'	20.20
STA 79+77.02 TO STA 97+78.64	3.00"	30.92'	1,039.85
STA 121+68.98 TO STA 331+56.17	3.00"	26.92'	10,546.20
STA 331+56.17 TO STA 332+08.67	1" to 3"	26.92'	17.59
STA 334+49.16 TO STA 335+01.66	1" to 3"	26.92'	17.59
STA 335+01.66 TO STA 453+40.00	3.00"	26.92'	5,948.84
TOTAL			17,590.27

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70

LOCATION	THICKNESS	WIDTH	TON
STA 79+07.02 TO STA 79+24.52	2.5" to 1.5"	30.25	6.59
STA 79+24.52 TO STA 97+78.64	1.5"	30.25	523.48
STA 121+68.98 TO STA 332+08.67	1.5"	26.25	5,154.72
STA 332+08.67 TO STA 332+26.17	2.5" to 1.5"	26.25	5.72
STA 334+31.66 TO STA 334+49.16	2.5" to 1.5"	26.25	5.72
STA 334+49.16 TO STA 453+65.00	1.5"	26.25	2,919.38
TOTAL			8,615.61

AGGREGATE SHOULDERS (SPECIAL)

LOCATION	WIDTH	SQ YD
LT STA 79+77.02 TO STA 97+78.64	6.0'	1,201.08
LT STA 121+68.98 TO STA 332+26.17	3.5'	8,188.91
LT STA 334+31.66 TO STA 453+65.00	3.5'	4,640.74
RT STA 79+77.02 TO STA 97+78.64	6.0'	1,201.08
RT STA 121+68.98 TO STA 332+26.17	3.5'	8,188.91
RT STA 334+31.66 TO STA 453+65.00	3.5'	4,640.74
TOTAL		28,061.46

HOT-MIX ASPHALT BASE COURSE, 8"

LOCATION	WIDTH	SQ YD
RT STA 79+07.02 TO STA 79+77.02	9.5'	73.89
LT STA 79+07.02 TO STA 79+77.02	9.5'	73.89
TOTAL		147.78

EXCAVATION REQUIRED TO CONSTRUCT HOT-MIX ASPHALT BASE COURSE 8" SHALL BE PAID FOR AS EARTH EXCAVATION (WIDENING) AS SPECIFIED IN SECTION 202 OF THE STANDARD SPECIFICATIONS

HOT-MIX ASPHALT SHOULDERS

LOCATION	THICKNESS	WIDTH	TON
RT STA 79+07.02 TO STA 79+77.02	4.50"	6.0'	11.76
LT STA 79+07.02 TO STA 79+77.02	4.50"	6.0'	11.76
TOTAL			23.52

HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

LOCATION	WIDTH	SQ YD
STA 79+07.02 TO STA 97+78.64	24'	4,990.99
STA 121+68.98 TO STA 332+26.17	22'	51,473.13
STA 334+31.66 TO STA 453+40.00	22'	29,109.28
TOTAL		85,573.40

TEMPORARY RAMP

LOCATION	THICKNESS	WIDTH	SQ YD
STA 79+07.02	1.5"	24'	13.33
STA 332+26.17	1.5"	22'	12.22
STA 334+31.66	1.5"	22'	12.22
STA 453+40.00	4"	23'	34.07
STA 453+65.00	1.5"	22'	12.22
TOTAL			84.06

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	WIDTH	SQ YD
STA 453+40.00 TO STA 453+65.00	26'	72.22



JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233 S00.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 100.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 11/20/2009	DATE - 9/15/2009	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

SCHEDULE OF QUANTITIES

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	6
CONTRACT NO.				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

ENTRANCES, MAIL BOX TURNOUTS AND SIDE ROADS

LOCATION	TYPE	WIDTH	AGGREGATE SURFACE COURSE TON	AGGREGATE BASE COURSE TON	HMA SURFACE REMOVAL - BUTT JOINT SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	INCIDENTAL HMA SURFACING TON
LT STA 89+34	SR	HMA	18	-	20.00	5.50	8.09
LT STA 95+00	FE	TURF	32	9.69	-	-	-
LT STA 126+61	SR	HMA	22	-	24.44	6.17	9.07
LT STA 128+13	FE	AGG	24	7.68	-	-	-
LT STA 133+28	FE	AGG	22	7.18	-	-	-
LT STA 142+30	PE	AGG	16	0.85	-	10.11	5.26
LT STA 150+10	SR	O&C	16	-	17.78	5.17	7.6
LT STA 151+71	PE	AGG	14	0.74	-	9.33	4.85
LT STA 163+34	FE	AGG	18	6.18	-	-	-
LT STA 179+31	FE	AGG	24	7.68	-	-	-
LT STA 189+58	FE	AGG	12	4.68	-	-	-
LT STA 190+76	PE	AGG	12	0.64	-	8.56	4.45
LT STA 190+77	MB	AGG	-	-	-	-	-
LT STA 193+85	FE	AGG	14	5.18	-	-	-
LT STA 196+28	MB	HMA	-	-	7.40	7.58	3.94
LT STA 196+54	MB	HMA	-	-	7.40	7.58	3.94
LT STA 196+85	PE	AGG	22	1.17	-	12.44	6.47
LT STA 202+90	SR	HMA	18	-	20.00	5.50	8.09
LT STA 216+06	FE	AGG	20	6.68	-	-	-
LT STA 222+39	FE	AGG	18	6.18	-	-	-
LT STA 235+57	FE	AGG	20	6.68	-	-	-
LT STA 242+52	FE	AGG	12	4.68	-	-	-
LT STA 251+74	FE	TURF	32	9.69	-	-	-
LT STA 254+20	PE	AGG	30	1.59	-	15.56	8.09
LT STA 255+70	SR	HMA	22	-	24.44	6.17	9.07
LT STA 257+86	FE	TURF	24	7.68	-	-	-
LT STA 266+05	PE	AGG	20	1.06	-	11.67	6.07
LT STA 266+30	MB	HMA	-	-	7.40	7.58	3.94
LT STA 266+62	MB	HMA	-	-	7.40	7.58	3.94
LT STA 281+05	FE	AGG	14	5.18	-	-	-
LT STA 292+34	FE	TURF	16	5.68	-	-	-
LT STA 300+53	PE	AGG	26	1.38	-	14.00	7.28
LT STA 303+78	PE	AGG	44	2.34	-	21.00	10.92
LT STA 308+72	SR	HMA	20	-	22.22	5.83	8.58
LT STA 309+46	FE	AGG	12	4.68	-	-	-
LT STA 325+56	FE	TURF	20	6.68	-	-	-
LT STA 326+45	FE	AGG	20	6.68	-	-	-
LT STA 326+73	FE	AGG	14	5.18	-	-	-
LT STA 328+20	FE	TURF	24	7.68	-	-	-
LT STA 335+80	FE	AGG	14	5.18	-	-	-
LT STA 352+42	MB	AGG	-	-	7.40	7.58	3.94
LT STA 352+42	PE	AGG	12	0.64	-	8.56	4.45
LT STA 352+55	MB	-	-	-	7.40	7.58	3.94
LT STA 352+64	MB	AGG	-	-	7.40	7.58	3.94
LT STA 361+20	SR	O&C	12	-	13.33	4.50	6.62
LT STA 364+68	PE	AGG	12	0.64	-	8.56	4.45
LT STA 367+22	FE	TURF	12	4.68	-	-	-
LT STA 380+14	PE	AGG	12	0.64	-	8.56	4.45
LT STA 387+94	FE	AGG	16	5.68	-	-	-
LT STA 394+65	FE	AGG	12	4.68	-	-	-

ENTRANCES, MAIL BOX TURNOUTS AND SIDE ROADS

LOCATION	TYPE	WIDTH	AGGREGATE SURFACE COURSE TON	AGGREGATE BASE COURSE TON	HMA SURFACE REMOVAL - BUTT JOINT SQ YD	BITUMINOUS MATERIALS (PRIME COAT) GALLON	INCIDENTAL HMA SURFACING TON
LT STA 414+31	SR	HMA	20	-	22.22	5.83	8.58
LT STA 441+80	FE	AGG	14	5.18	-	-	-
LT STA 448+48	FE	AGG	48	13.7	-	-	-
LT STA 450+72	FE	TURF	16	5.68	-	-	-
RT STA 93+44	MB	AGG	-	7.40	-	7.58	3.94
RT STA 93+68	MB	HMA/AG	-	7.40	-	7.58	3.94
RT STA 93+90	PE	AGG	16	0.85	-	10.11	5.26
RT STA 126+94	CE	AGG	14	0.74	-	9.33	4.85
RT STA 127+91	FE	AGG	10	4.18	-	-	-
RT STA 140+57	MB	AGG	-	7.40	-	7.58	3.94
RT STA 140+57	PE	AGG	12	0.64	-	8.56	4.45
RT STA 141+33	MB	TURF	-	7.40	-	7.58	3.94
RT STA 150+10	SR	O&C	18	-	20.00	5.50	8.09
RT STA 163+34	FE	TURF	12	4.68	-	-	-
RT STA 190+15	FE	AGG	14	5.18	-	-	-
RT STA 202+90	SR	HMA	14	-	15.56	4.83	7.11
RT STA 239+28	FE	AGG	18	6.18	-	-	-
RT STA 249+02	CE	AGG	14	0.74	-	9.33	4.85
RT STA 255+70	SR	HMA	18	-	20.00	5.50	8.09
RT STA 268+98	MB	AGG	-	7.40	-	7.58	3.94
RT STA 268+98	PE	AGG	14	0.74	-	9.33	4.85
RT STA 272+85	FE	AGG	14	5.18	-	-	-
RT STA 286+37	FE	TURF	26	8.18	-	-	-
RT STA 289+81	FE	AGG	30	9.19	-	-	-
RT STA 292+24	PE	AGG	28	1.49	-	14.78	7.68
RT STA 293+49	PE	AGG	16	0.85	-	10.11	5.26
RT STA 300+66	CE	AGG	20	1.06	-	11.67	6.07
RT STA 323+18	PE	AGG	10	0.53	-	7.78	4.04
RT STA 324+38	PE	AGG	10	0.53	-	7.78	4.04
RT STA 357+20	FE	TURF	14	5.18	-	-	-
RT STA 358+20	PE	AGG	12	0.64	-	8.56	4.45
RT STA 365+06	PE	AGG	16	0.85	-	10.11	5.26
RT STA 365+22	MB	HMA	-	7.40	-	7.58	3.94
RT STA 365+49	MB	HMA	-	7.40	-	7.58	3.94
RT STA 374+43	FE	AGG	12	4.68	-	-	-
RT STA 380+02	MB	HMA	-	7.40	-	7.58	3.94
RT STA 383+49	FE	AGG	22	7.18	-	-	-
RT STA 387+88	SR	O&C	18	-	20.00	5.50	8.09
RT STA 388+44	FE	TURF	16	5.68	-	-	-
RT STA 401+18	FE	AGG	22	7.18	-	-	-
RT STA 413+99	FE	AGG	12	4.68	-	-	-
RT STA 414+42	FE	AGG	14	5.18	-	-	-
RT STA 419+65	FE	AGG	14	5.18	-	-	-
RT STA 425+07	FE	AGG	22	7.18	-	-	-
RT STA 436+40	FE	AGG	28	8.69	-	-	-
RT STA 440+92	FE	TURF	12	4.68	-	-	-
TOTAL			306.01	111.00	239.99	425.5	283.98



JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233_S00.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 1/8" = 100'-0" / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 11/28/2009	DATE - 9/15/2009	REVISED -

CHRISTIAN COUNTY
CH 1 IMPROVEMENTS

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE. 645	SECTION 05-0071-05-RS	COUNTY CHRISTIAN	TOTAL SHEETS 28	SHEET NO. 7
CONTRACT NO.			93517	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SHORT-TERM PAVEMENT MARKING

LOCATION	APPLICATIONS	FOOT
STA 79+07.02 TO STA 97+78.64	4	752
STA 121+68.98 TO STA 332+26.17	4	8,432
STA 334+31.66 TO STA 453+65.00	4	4,784
TOTAL		13,968

WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION	SQ FT
STA 79+07.02 TO STA 97+78.64	62
STA 121+68.98 TO STA 332+26.17	696
STA 334+31.66 TO STA 453+65.00	395
TOTAL	1,152

TEMPORARY PAVEMENT MARKING - LINE 4"

LOCATION	FOOT
LT STA 79+07.02 TO STA 89+10.00 SOLID WHITE	1,003
LT STA 89+58.00 TO STA 97+78.64 SOLID WHITE	821
LT STA 121+68.98 TO STA 126+39.00 SOLID WHITE	470
LT STA 126+91.00 TO STA 149+91.00 SOLID WHITE	2,300
LT STA 150+37.00 TO STA 202+70.00 SOLID WHITE	5,233
LT STA 203+18.00 TO STA 255+48.00 SOLID WHITE	5,230
LT STA 256+00.00 TO STA 308+51.00 SOLID WHITE	5,251
LT STA 309+01.00 TO STA 332+26.17 SOLID WHITE	2,325
LT STA 334+31.66 TO STA 361+03.00 SOLID WHITE	2,671
LT STA 361+45.00 TO STA 414+10.00 SOLID WHITE	5,265
LT STA 414+60.00 TO STA 453+69.00 SOLID WHITE	3,909
RT STA 79+07.02 TO STA 97+78.64 SOLID WHITE	1,872
RT STA 121+68.98 TO STA 149+90.00 SOLID WHITE	2,821
RT STA 150+38.00 TO STA 202+72.00 SOLID WHITE	5,234
RT STA 203+16.00 TO STA 255+50.00 SOLID WHITE	5,234
RT STA 255+98.00 TO STA 332+26.17 SOLID WHITE	7,628
RT STA 334+31.66 TO STA 387+68.00 SOLID WHITE	5,336
RT STA 388+16.00 TO STA 453+65.00 SOLID WHITE	6,549
LT STA 95+17.50 TO STA 97+78.64 SOLID YELLOW	261
LT STA 121+68.98 TO STA 128+92.50 SOLID YELLOW	724
LT STA 148+91.50 TO STA 157+46.50 SOLID YELLOW	855
LT STA 278+48.50 TO STA 316+03.50 SOLID YELLOW	3,755
LT STA 360+86.50 TO STA 391+02.50 SOLID YELLOW	3,016
RT STA 85+84.50 TO STA 96+31.50 SOLID YELLOW	1,047
RT STA 138+27.50 TO STA 147+57.50 SOLID YELLOW	930
RT STA 268+12.50 TO STA 306+19.50 SOLID YELLOW	3,807
RT STA 351+63.50 TO STA 382+06.50 SOLID YELLOW	3,043
STA 79+07.02 TO STA 95+17.50 YELLOW SKIP DASH	410
STA 96+31.50 TO STA 97+78.64 YELLOW SKIP DASH	40
STA 121+68.98 TO STA 278+48.50 YELLOW SKIP DASH	3,920
STA 306+19.50 TO STA 332+26.17 YELLOW SKIP DASH	660
STA 334+31.66 TO STA 360+86.50 YELLOW SKIP DASH	670
STA 382+06.50 TO STA 453+65.00 YELLOW SKIP DASH	1,790
TOTAL	94,080

PAINT PAVEMENT MARKING - LINE 4"

LOCATION	FOOT
LT STA 79+07.02 TO STA 89+10.00 SOLID WHITE	1,003
LT STA 89+58.00 TO STA 97+78.64 SOLID WHITE	821
LT STA 121+68.98 TO STA 126+39.00 SOLID WHITE	470
LT STA 126+91.00 TO STA 149+91.00 SOLID WHITE	2,300
LT STA 150+37.00 TO STA 202+70.00 SOLID WHITE	5,233
LT STA 203+18.00 TO STA 255+48.00 SOLID WHITE	5,230
LT STA 256+00.00 TO STA 308+51.00 SOLID WHITE	5,251
LT STA 309+01.00 TO STA 332+26.17 SOLID WHITE	2,325
LT STA 334+31.66 TO STA 361+03.00 SOLID WHITE	2,671
LT STA 361+45.00 TO STA 414+10.00 SOLID WHITE	5,265
LT STA 414+60.00 TO STA 453+69.00 SOLID WHITE	3,909
RT STA 79+07.02 TO STA 97+78.64 SOLID WHITE	1,872
RT STA 121+68.98 TO STA 149+90.00 SOLID WHITE	2,821
RT STA 150+38.00 TO STA 202+72.00 SOLID WHITE	5,234
RT STA 203+16.00 TO STA 255+50.00 SOLID WHITE	5,234
RT STA 255+98.00 TO STA 332+26.17 SOLID WHITE	7,628
RT STA 334+31.66 TO STA 387+68.00 SOLID WHITE	5,336
RT STA 388+16.00 TO STA 453+65.00 SOLID WHITE	6,549
LT STA 95+17.50 TO STA 97+78.64 SOLID YELLOW	261
LT STA 121+68.98 TO STA 128+92.50 SOLID YELLOW	724
LT STA 148+91.50 TO STA 157+46.50 SOLID YELLOW	855
LT STA 278+48.50 TO STA 316+03.50 SOLID YELLOW	3,755
LT STA 360+86.50 TO STA 391+02.50 SOLID YELLOW	3,016
RT STA 85+84.50 TO STA 96+31.50 SOLID YELLOW	1,047
RT STA 138+27.50 TO STA 147+57.50 SOLID YELLOW	930
RT STA 268+12.50 TO STA 306+19.50 SOLID YELLOW	3,807
RT STA 351+63.50 TO STA 382+06.50 SOLID YELLOW	3,043
STA 79+07.02 TO STA 95+17.50 YELLOW SKIP DASH	410
STA 96+31.50 TO STA 97+78.64 YELLOW SKIP DASH	40
STA 121+68.98 TO STA 278+48.50 YELLOW SKIP DASH	3,920
STA 306+19.50 TO STA 332+26.17 YELLOW SKIP DASH	660
STA 334+31.66 TO STA 360+86.50 YELLOW SKIP DASH	670
STA 382+06.50 TO STA 453+65.00 YELLOW SKIP DASH	1,790
TOTAL	94,080

RAISED REFLECTIVE PAVEMENT MARKER (CENTERLINE - 2 WAY AMBER)

LOCATION	INTERVAL	EACH
STA 79+07.02 TO STA 97+78.64	120'	16
STA 121+68.98 TO STA 332+26.17	120'	176
STA 334+31.66 TO STA 453+65.00	120'	100
TOTAL		292

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION	EACH
STA 79+07.02 TO STA 97+78.64	16
STA 121+68.98 TO STA 332+26.17	176
STA 334+31.66 TO STA 453+65.00	100
TOTAL	292



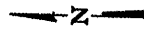
JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233 S00.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 1/8" = 100.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 11/28/2009	DATE - 9/15/2009	REVISED -

CHRISTIAN COUNTY
CH 1 IMPROVEMENTS

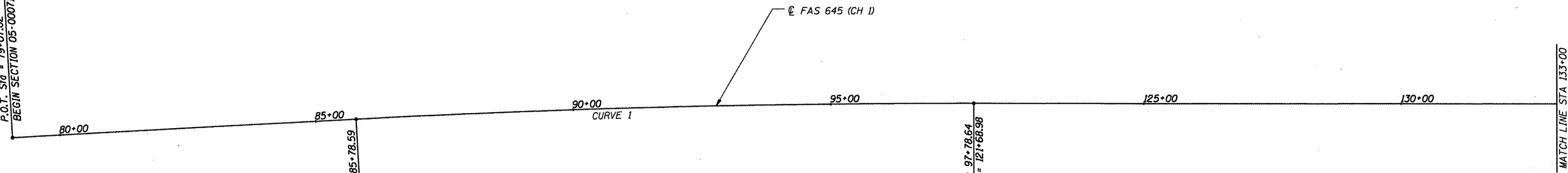
SCHEDULE OF QUANTITIES

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	8
CONTRACT NO.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



P.O.T. Sta = 79+07.02
BEGIN SECTION 05-00071-05-RS



BM V1 CHISELED "□" ON S.W. WINGWALL
23.6' RT STA 79+07
ELEV. 581.47

BM U4 MAG SPIKE IN POWER POLE
56' RT STA 124+55
ELEV. 574.74

BM U5 CHISELED "□" ON S.W. COR.
OF WEST INLET BOX
49' RT STA 87+50
ELEV. 581.96

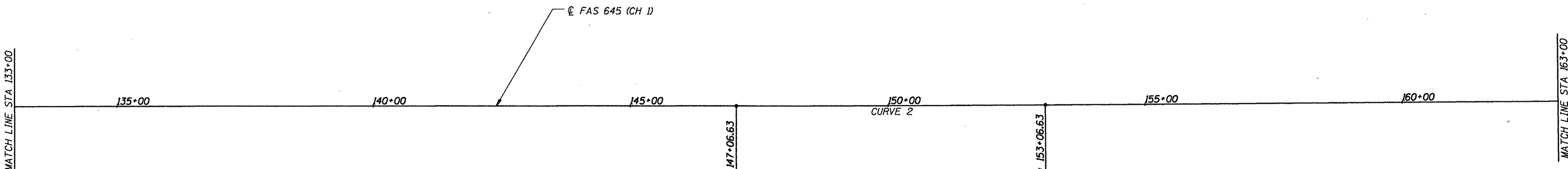
COORDINATE DATA:

STATION	NORTH	EAST
POT STA 79+07.02	1,040,914.68	2,541,835.56
PI STA 91+78.75	1,039,644.77	2,541,903.69

CURVE DATA:

CURVE 1
PI STA 91+78.75
Δ 2° 59' 53"
D 0° 14' 59"
T 600.16
R 22934.95
L 1200.05
C 1199.91
E 7.85
PC STA 85+78.59
PT STA 121+68.98
SE NORMAL CROWN

MATCH LINE STA 133+00



BM U3 MAG SPIKE IN POWER POLE
40' RT STA 138+06
ELEV. 608.84

BM U2 MAG NAIL IN TOP 18" φ CMP
33' LT STA 142+17
ELEV. 610.76

BM U1 MAG NAIL IN TOP 84" φ CMP
47' RT STA 155+21
ELEV. 606.84

BM U MAG SPIKE IN POWER POLE
45' RT STA 155+55
ELEV. 606.74

COORDINATE DATA:

STATION	NORTH	EAST
PI 150+06.63	1,036,206.96	2,541,908.05

CURVE DATA:

CURVE 2
PI STA 150+06.63
Δ 0° 28' 01"
D 0° 04' 4"
T 300
R 73615.07
L 600
C 600
E 0.61
PC STA 147+06.63
PT STA 153+06.63
SE NORMAL CROWN



JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233a11gn.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 200.0000 sf / IN.	CHECKED -	REVISED -
PLOT DATE = 11/20/2009	DATE - 09/16/2009	REVISED -

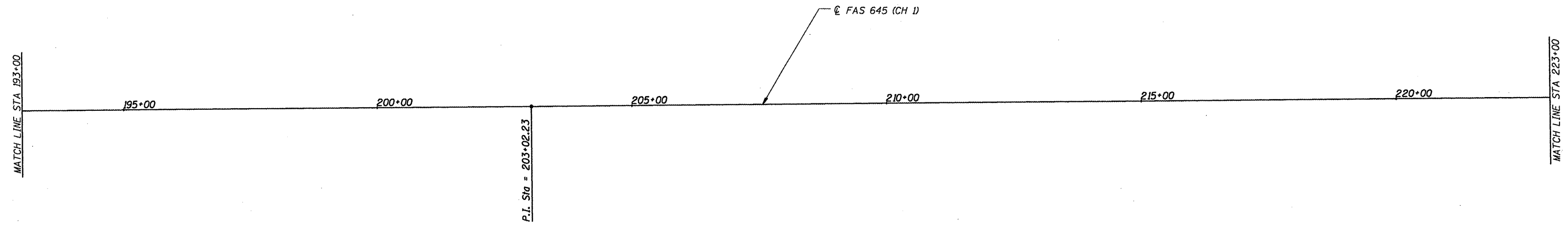
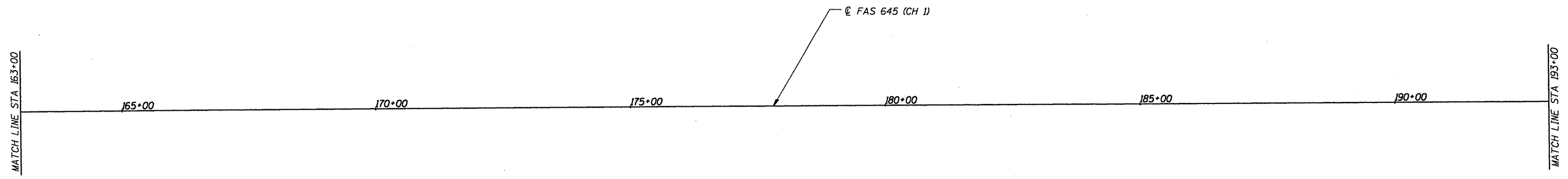
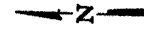
CHRISTIAN COUNTY
CH 1 IMPROVEMENTS

ALIGNMENT

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	9

93517



COORDINATE DATA:

STATION	NORTH	EAST
PI 203+02.23	1,030,911.60	2,541,957.94



JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233align.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 200.0000 sf / IN.	CHECKED -	REVISED -
PLOT DATE = 11/20/2009	DATE - 09/16/2009	REVISED -

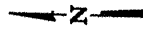
**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

ALIGNMENT

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	10

93517



MATCH LINE STA 223+00

225+00 230+00 235+00 240+00 245+00 250+00

P.C. Sta = 252+82.53
MATCH LINE STA 253+00

BM S6 SPIKE NAIL IN POWER POLE
56' RT STA 227+97
ELEV. 624.28

℄ FAS 645 (CH 1)

MATCH LINE STA 253+00

255+00 260+00 265+00 270+00 275+00 280+00

MATCH LINE STA 283+00

P.T. Sta = 258+82.53

℄ FAS 645 (CH 1)

CURVE 4 CURVE 5

P.C. Sta = 265+04.23

P.T. Sta = 271+04.22

BM S4 SPIKE NAIL IN POWER POLE
45' LT STA 268+07
ELEV. 611.98
BM S3 SPIKE NAIL IN POWER POLE
46' LT STA 270+81
ELEV. 613.21

COORDINATE DATA:

STATION	NORTH	EAST
PI 255+82.53	1,025,631.67	2,542,020.36
PI 268+04.22	1,024,409.98	2,542,026.63

CURVE DATA:

CURVE 4		CURVE 5	
PI STA	255+82.53	PI STA	268+04.22
Δ	0° 23' 00"	Δ	0° 36' 02"
D	0° 03' 50"	D	0° 06' 00"
T	300	T	300
R	89683.7	R	57249.77
L	600	L	599.99
C	600	C	599.99
E	0.5	E	0.79
PC STA	252+82.53	PC STA	265+04.23
PT STA	258+82.53	PT STA	271+04.22
SE	NORMAL CROWN	SE	NORMAL CROWN



JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233a1ign.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 200.0000 sf / IN.	CHECKED -	REVISED -
PLOT DATE = 11/20/2009	DATE - 09/16/2009	REVISED -

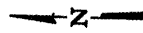
CHRISTIAN COUNTY
CH 1 IMPROVEMENTS

ALIGNMENT

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	11

93517



MATCH LINE STA 283+00

285+00

290+00

CURVE 6

295+00

300+00

305+00

310+00

MATCH LINE STA 313+00

P.C. Sta = 290+04.51

P.T. Sta = 296+04.51

P.C. Sta = 311+40.21

℄ FAS 645 (CH 1)

BM S2 SPIKE NAIL IN POWER POLE
46' LT STA 284+14
ELEV. 616.66

BM S SPIKE NAIL IN POWER POLE
46' LT STA 297+51
ELEV. 613.89

BM BC CHISELED "□" ON S.W. CORN.
OF WEST CONCRETE HEADWALL
19' RT STA 312+98
ELEV. 600.85

BM R5 SPIKE NAIL IN POWER POLE
44' LT STA 309+71
ELEV. 609.45

BM R4 SPIKE NAIL IN POWER POLE
45' LT STA 316+90
ELEV. 595.40

CURVE DATA:

CURVE 6
PI STA 293+04.51
Δ 0° 19' 34"
D 0° 03' 16"
T 300
R 105428.71
L 600
C 600
E 0.43
PC STA 290+04.51
PT STA 296+04.51
SE NORMAL CROWN

COORDINATE DATA:

STATION	NORTH	EAST
PI 293+04.51	1,021,909.99	2,542,065.66

MATCH LINE STA 313+00

315+00

P.T. Sta = 317+40.20

320+00

325+00

330+00

335+00

340+00

MATCH LINE STA 343+00

℄ FAS 645 (CH 1)

STA 332+26.17

STA 334+31.36

BRIDGE OMISSION
SN 011-3024

BM R3A SPIKE NAIL IN POWER POLE
44' LT STA 329+25
ELEV. 595.47

BM R3B CHISELED "□" ON N.W.
BRIDGE WINGWALL
16' RT STA 332+22
ELEV. 603.15

BM R2A CHISELED "□" ON S.W.
BRIDGE WINGWALL
16' RT STA 334+26
ELEV. 603.15

BM R2B SPIKE NAIL IN POWER POLE
43' LT STA 337+53
ELEV. 594.55

CURVE DATA:

CURVE 7
PI STA 314+40.21
Δ 0° 39' 23"
D 0° 06' 34"
T 300
R 52378.12
L 599.99
C 599.99
E 0.86
PC STA 311+40.21
PT STA 317+40.20
SE NORMAL CROWN

COORDINATE DATA:

STATION	NORTH	EAST
PI 314+40.21	1,019,774.40	2,542,086.85



JOB # 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233a11gn.dgn	DRAWN - AJH	REVISED -
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PLOT DATE = 11/20/2009	DATE - 09/16/2009	REVISED -

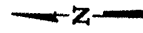
**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

ALIGNMENT

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	12

93517



MATCH LINE STA 343+00

345+00

350+00

CURVE 8

355+00

P.T. Sta = 356+19.86

360+00

⊕ FAS 645 (CH 1)

365+00

370+00

MATCH LINE STA 373+00

BM RIA SPIKE NAIL SET IN POWER POLE
50' LT STA 370+15
ELEV. 604.50

BM RIB SPIKE NAIL SET IN POWER POLE
50' LT STA 372+55
ELEV. 604.66

P.C. Sta = 350+19.87

COORDINATE DATA:

STATION	NORTH	EAST
PI 353+19.87	1,015,894.74	2,542,080.90

CURVE DATA:

CURVE 8
PI STA 353+19.87
Δ 0° 54' 32"
D 0° 09' 05"
T 300
R 37822.2
L 599.99
C 599.98
E 1.19
PC STA 350+19.87
PT STA 356+19.86
SE NORMAL CROWN

MATCH LINE STA 373+00

375+00

380+00

385+00

P.C. Sta = 391+82.95

390+00

⊕ FAS 645 (CH 1)

395+00

P.T. Sta = 397+82.92

400+00

MATCH LINE STA 403+00

COORDINATE DATA:

STATION	NORTH	EAST
PI 394+82.95	1,011,732.07	2,542,140.55

CURVE DATA:

CURVE 9
PI STA 394+82.95
Δ 1° 19' 19"
D 0° 13' 13"
T 300
R 26002.4
L 599.97
C 599.96
E 1.73
PC STA 391+82.95
PT STA 397+82.92
SE NORMAL CROWN



JOB # 2233	DESIGNED - NAK	REVISED -
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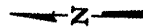
CHRISTIAN COUNTY
CH 1 IMPROVEMENTS

ALIGNMENT

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	13

93517



MATCH LINE STA 403+00

405+00

410+00

415+00

420+00

425+00

430+00

MATCH LINE STA 433+00

⊕ FAS 645 (CH 1)

BM Q3A SPIKE NAIL IN POWER POLE
44' LT STA 418+84
ELEV. 625.18

BM Q2A SPIKE NAIL IN POWER POLE
41' LT STA 429+45
ELEV. 625.78

BM Q3B SPIKE NAIL IN POWER POLE
41' LT STA 421+46
ELEV. 624.95

BM Q2B SPIKE NAIL IN POWER POLE
43' LT STA 432+15
ELEV. 626.93

MATCH LINE STA 433+00

P.I. Sta = 434+97.44

435+00

440+00

445+00

450+00

455+00

460+00

P.O.T. Sta = 463+58.08

END SECTION 05-00071-05-RS
STA 453+65

⊕ FAS 645 (CH 1)

COORDINATE DATA:

STATION	NORTH	EAST
PI 434+97.44	1,007,717.70	2,542,105.44
POT 463+58.08	1,004,857.18	2,542,080.16

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB # 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233align.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 200.0000 sf / IN.	CHECKED -	REVISED -
PLOT DATE = 11/20/2009	DATE - 09/16/2009	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

ALIGNMENT

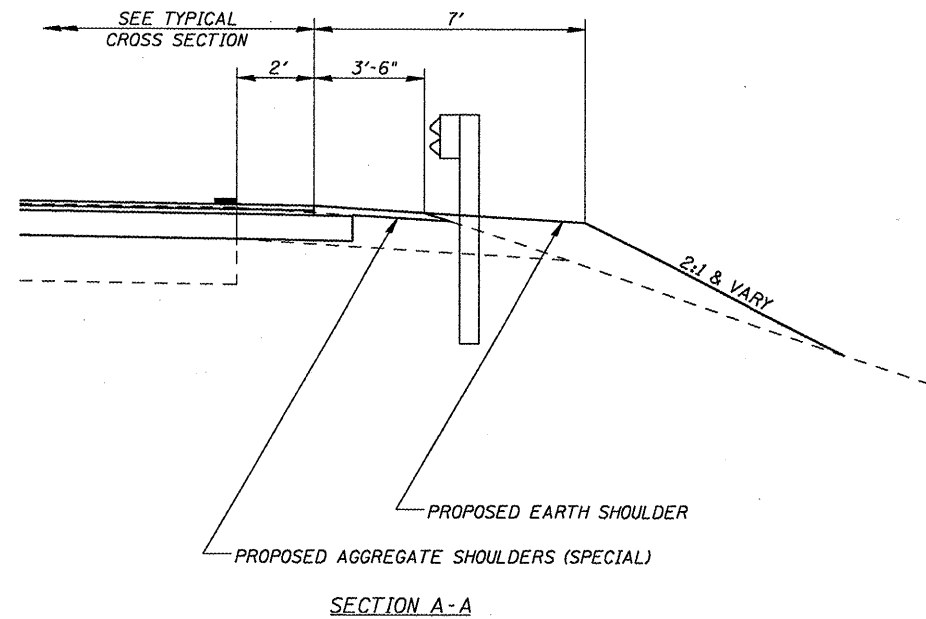
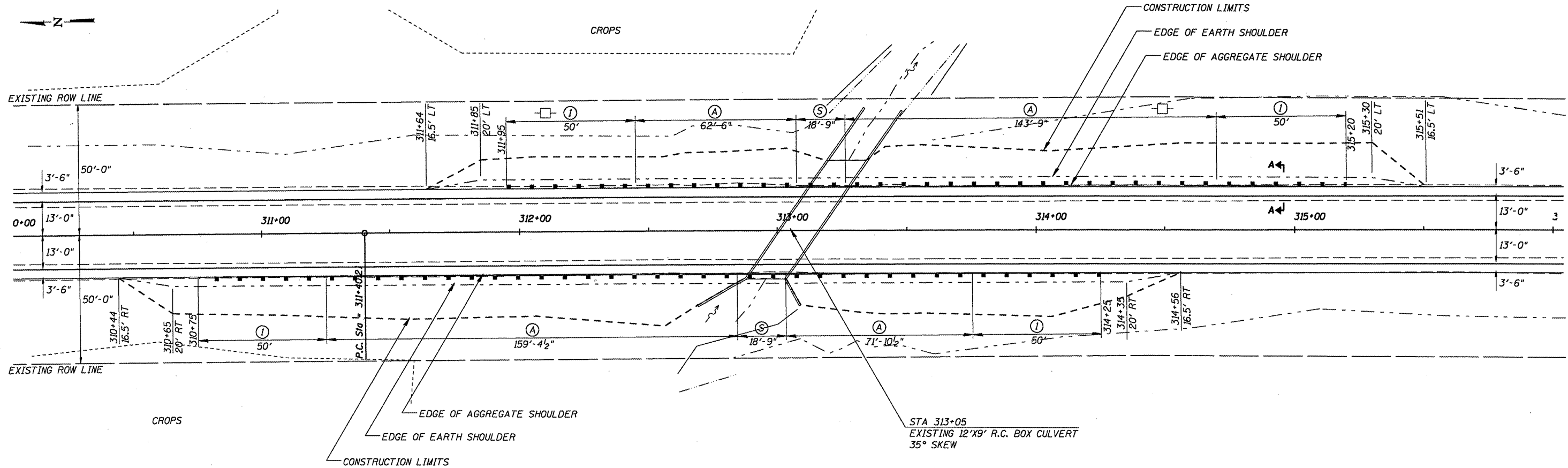
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	14

93517

PLAN	DATE
NO.	
BY	
DATE	
CHECKED	
DATE	
DESIGNED	
DATE	
APPROVED	
DATE	

PROFILE	DATE
NO.	
BY	
DATE	
CHECKED	
DATE	
DESIGNED	
DATE	
APPROVED	
DATE	



SEE STANDARD 630301 FOR DETAILS OF SHOULDER WIDENING AT TYPE I TERMINALS

SEE STANDARD BLR-26 FOR DETAILS OF STEEL PLATE BEAM GUARDRAIL TYPE A

GUARDRAIL SHALL BE ATTACHED TO THE EXISTING CULVERT AS DETAILED ON STANDARD 630101 CASE IV

LEGEND			
①	TRAFFIC BARRIER TERMINAL TYPE I SPECIAL (TANGENT)		
Ⓐ	STEEL PLATE BEAM GUARDRAIL TYPE A		
Ⓢ	STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURES		

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = p8p310.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 40.0000 sf / IN.	CHECKED -	REVISED -
PLOT DATE = 11/28/2009	DATE - 7/28/2009	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

GUARDRAIL & SHOULDER WIDENING

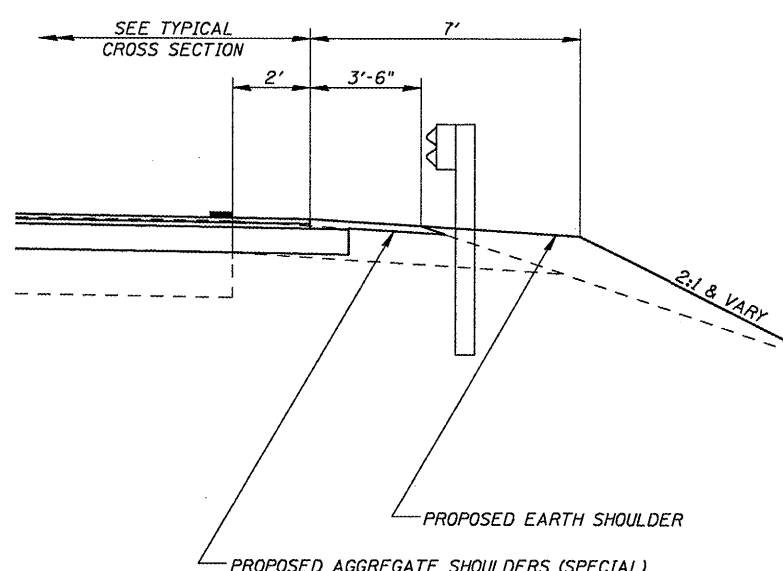
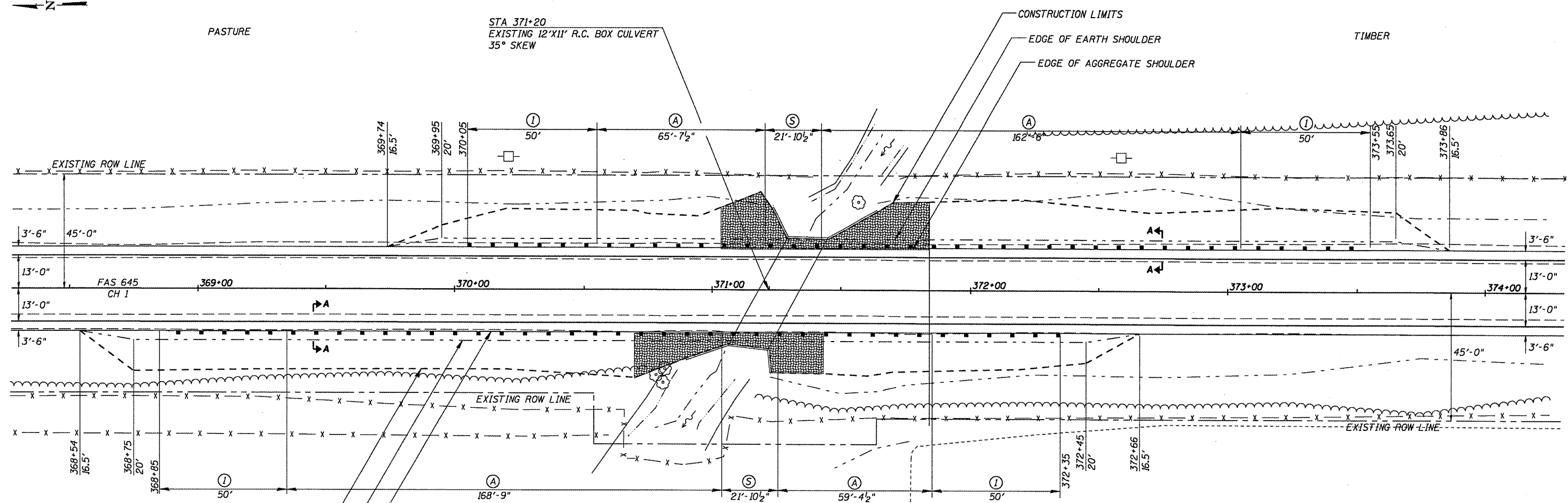
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	15
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

93517

DATE	
BY	
PLAN	
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BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PLAN	
NO.	



SEE STANDARD 630301 FOR DETAILS OF SHOULDER WIDENING AT TYPE 1 TERMINALS

SEE STANDARD BLR-26 FOR DETAILS OF STEEL PLATE BEAM GUARDRAIL TYPE A

GUARDRAIL SHALL BE ATTACHED TO THE EXISTING CULVERT AS DETAILED ON STANDARD 630101 CASE IV

LEGEND	
①	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)
Ⓐ	STEEL PLATE BEAM GUARDRAIL TYPE A, 6.75' POST
Ⓢ	STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURES
	EROSION CONTROL BLANKET



JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = p&p370.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 40.0000 x / IN.	CHECKED -	REVISED -
PLOT DATE = 11/20/2009	DATE - 8/04/2009	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

GUARDRAIL & SHOULDER WIDENING

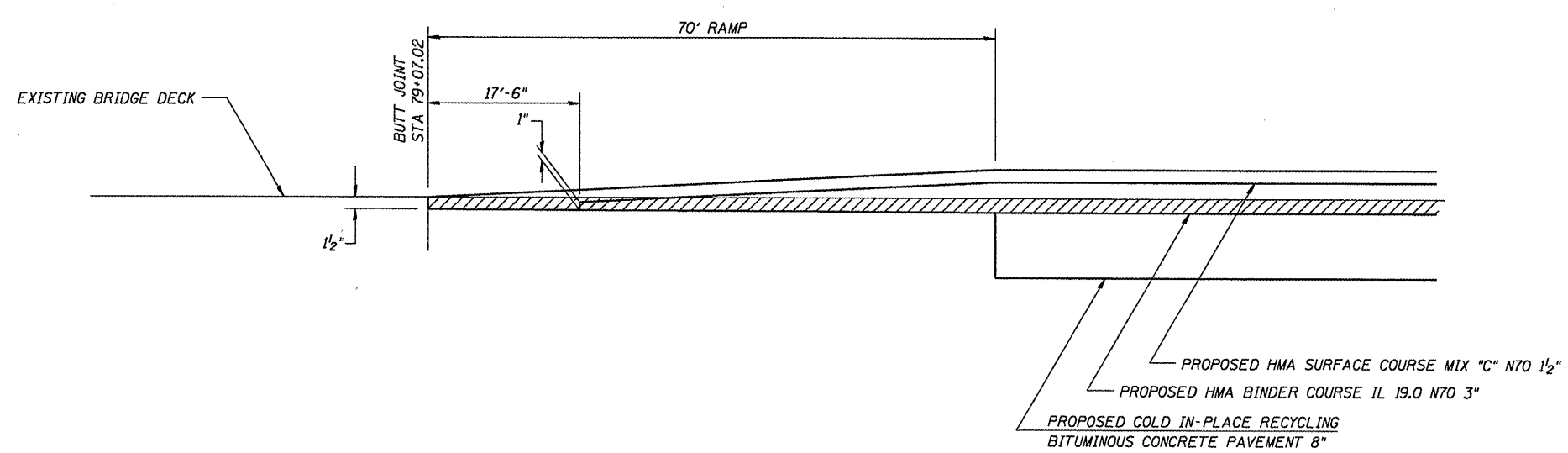
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645	05-00071-05-RS	CHRISTIAN	28	16
CONTRACT NO.				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

93517

DATE	
BY	
DESIGNED	
PLANNED	
ALIGNED	
CHECKED	
FILE NAME	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
DESIGNED	
PLANNED	
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PROFILE	
NOTE BOOK	
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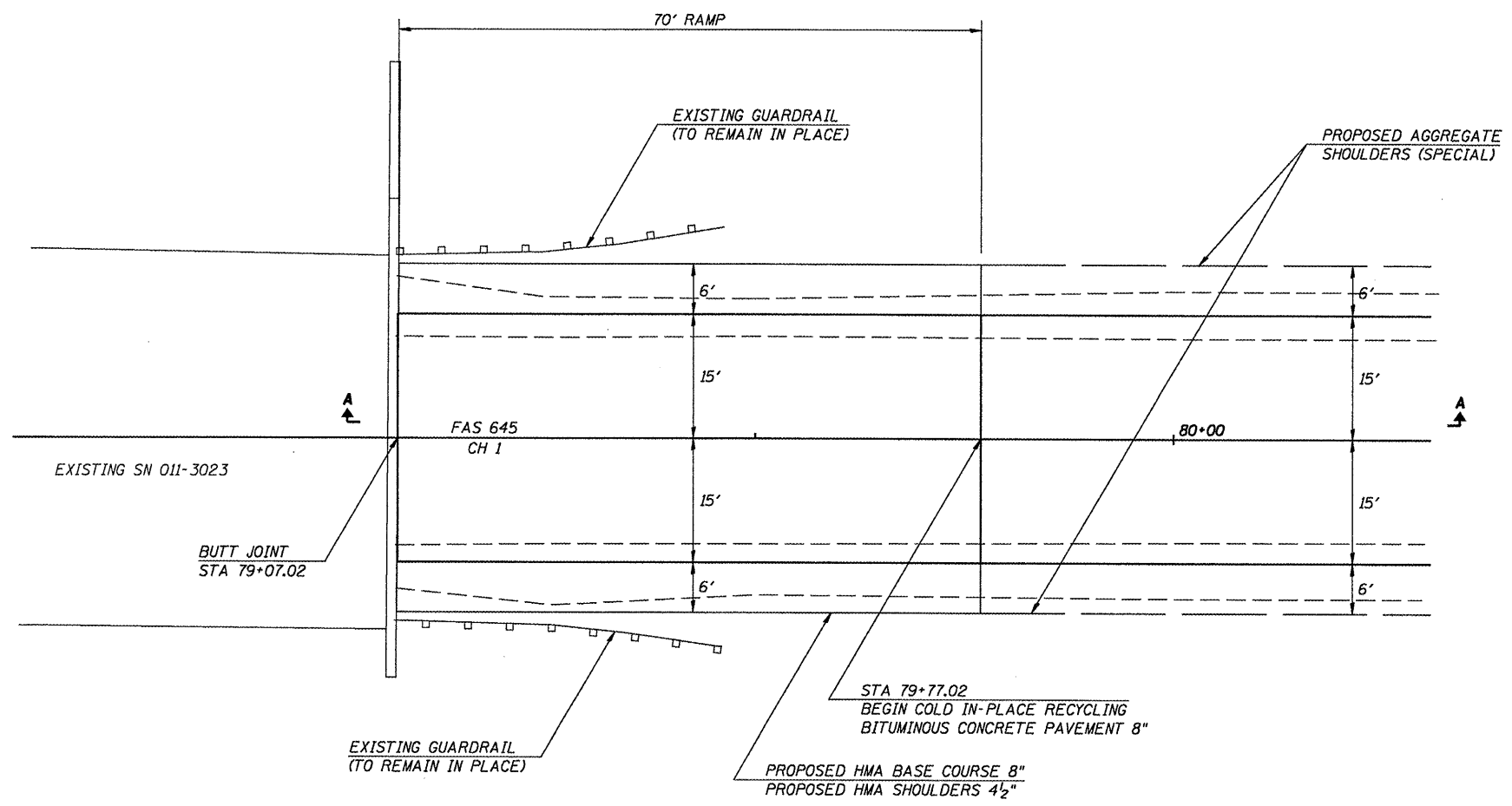


INDICATES PROPOSED HMA SURFACE REMOVAL 1 3/4"

TRANSITION HMA SURFACE REMOVAL FROM 1 1/2" AT STA 79+07.02 TO 1 3/4" AT STA 79+77.02

TRANSITION BINDER COURSE FROM 1" AT STA 79+24.52 TO 4" AT STA 79+77.02

SECTION A-A



PLAN

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233 butt_jts.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 20.0000 sf / IN.	CHECKED -	REVISED -
PLOT DATE = 11/28/2009	DATE - 8/5/2009	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

BUTT JOINT DETAILS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

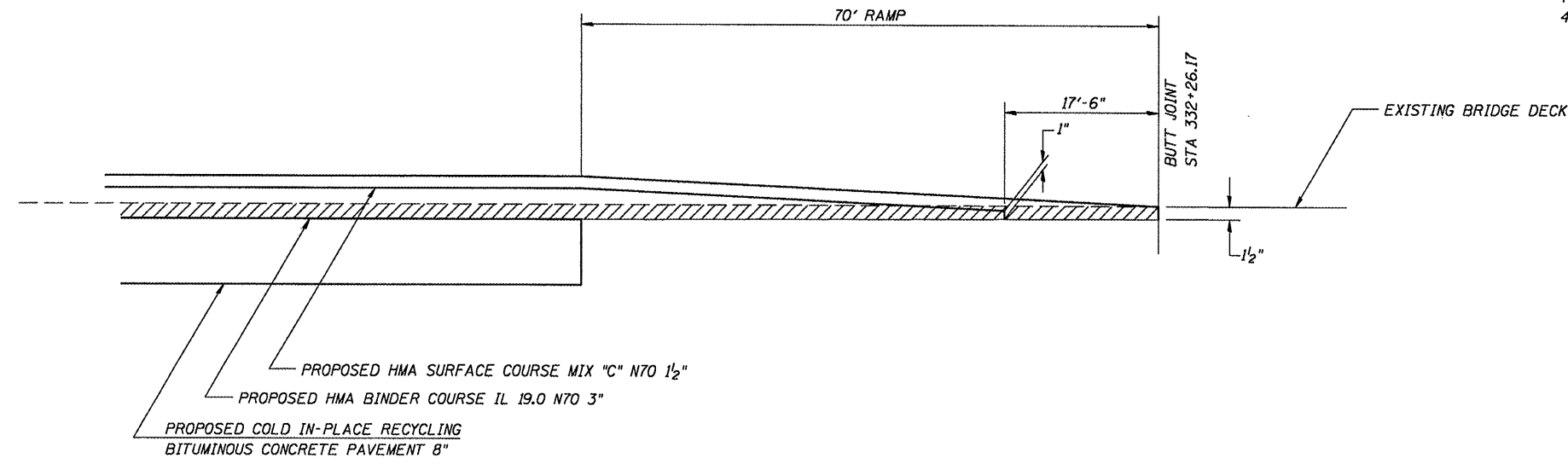
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DESIGNED	CHECKED
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PLAN	
NOTE BOOK	
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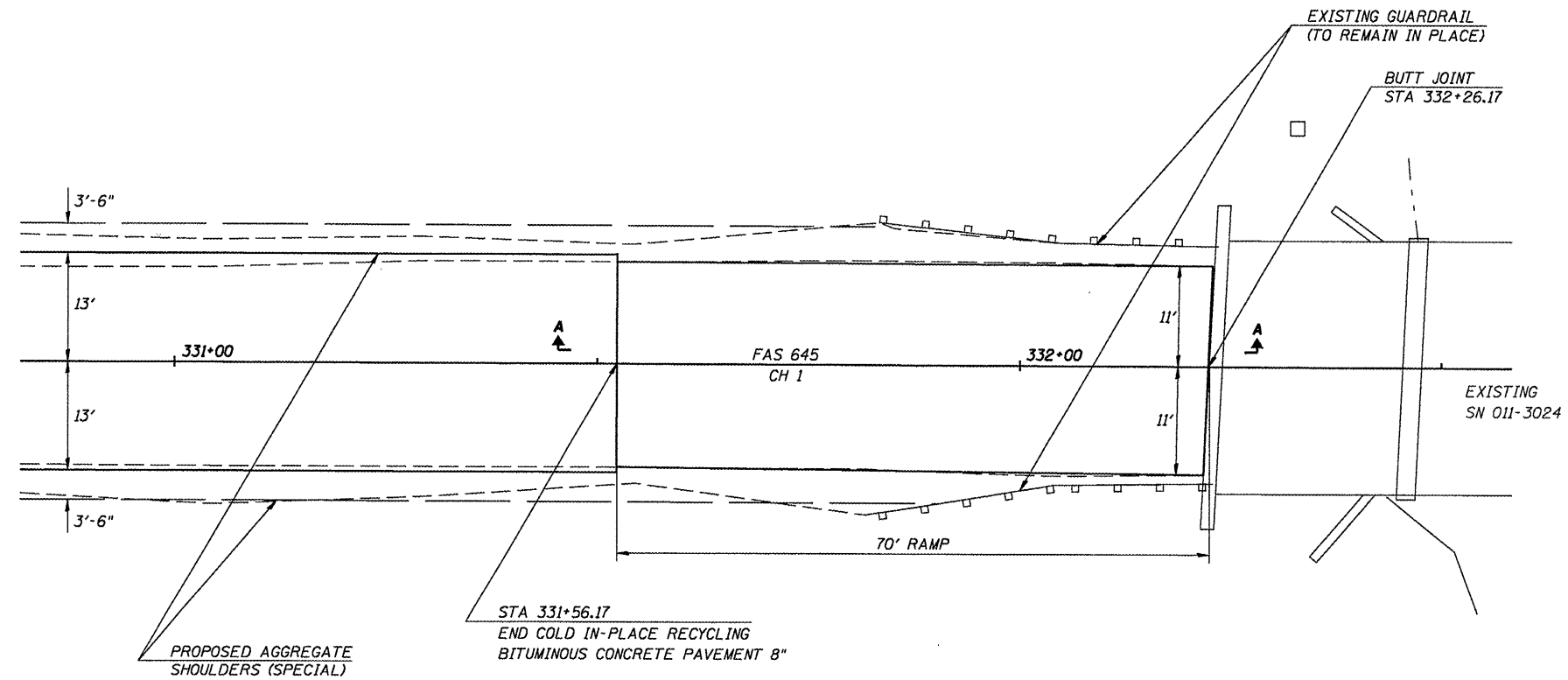
DATE	
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DESIGNED	CHECKED
DRAWN	CHECKED
DATE	
PROFILE	
NOTE BOOK	
NO.	

INDICATES PROPOSED HMA SURFACE REMOVAL 1 3/4"

TRANSITION HMA SURFACE REMOVAL FROM
 1 3/4" AT STA 331+56.17 TO 1 1/2" AT STA 332+26.17
 TRANSITION BINDER COURSE FROM
 4" AT STA 331+56.17 TO 1" AT STA 332+08.67



SECTION A-A



PLAN

CEC Cummins
 Engineering Corporation
 Civil and Structural Engineering

JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233 butt_jta.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 20.0000 sf / IN.	CHECKED -	REVISED -
PLOT DATE = 11/28/2009	DATE - 8/5/2009	REVISED -

**CHRISTIAN COUNTY
 CH 1 IMPROVEMENTS**

BUTT JOINT DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

93517

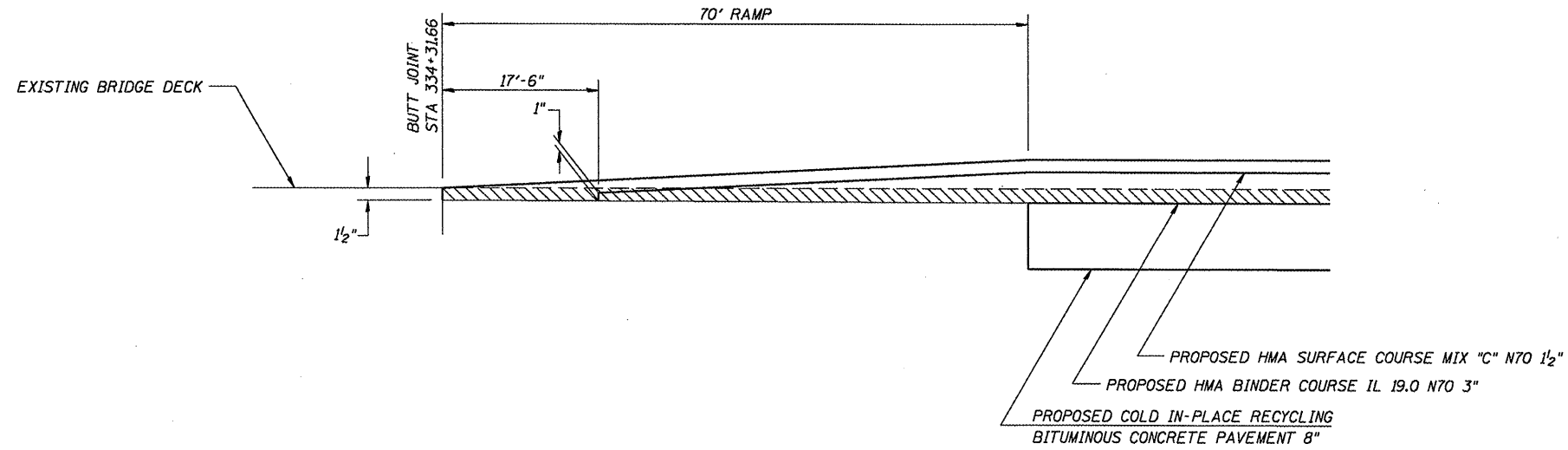
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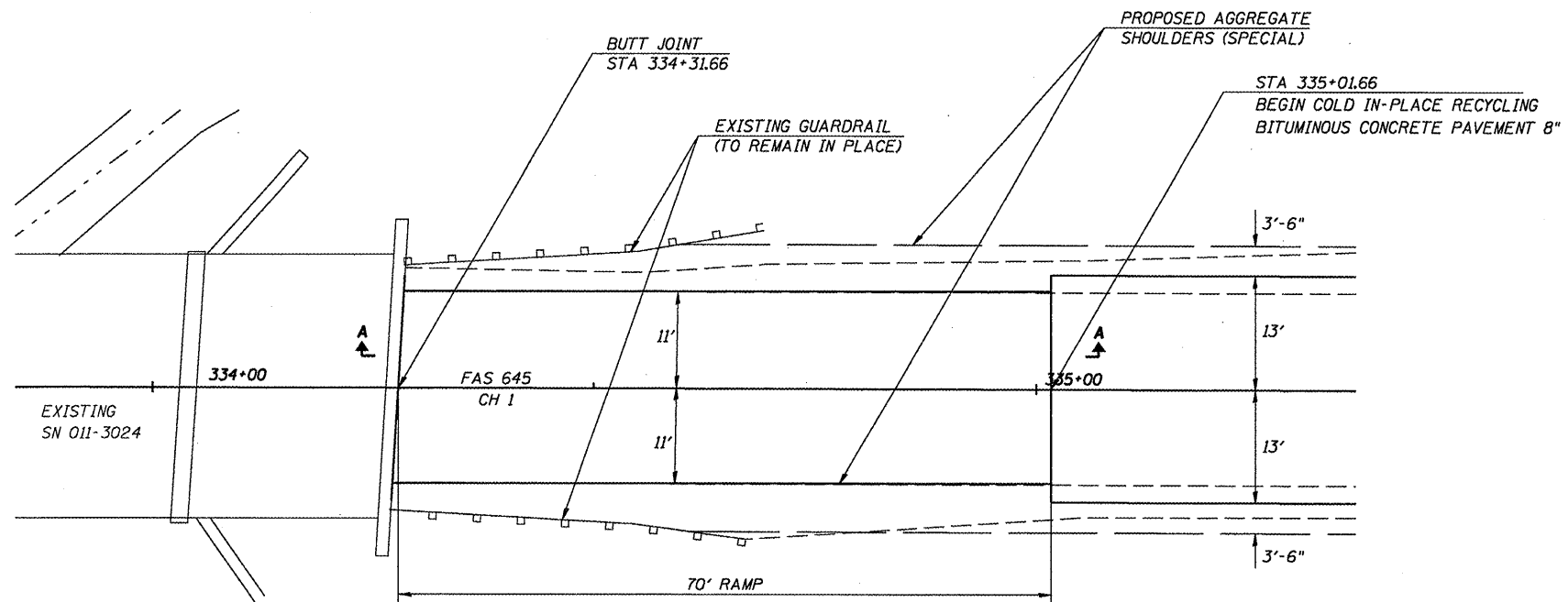
 INDICATES PROPOSED HMA SURFACE REMOVAL 1 3/4"

TRANSITION HMA SURFACE REMOVAL FROM
1/2" AT STA 334+31.66 TO 1 3/4" AT STA 335+01.66

TRANSITION BINDER COURSE FROM
1" AT STA 334+49.16 TO 4" AT STA 335+01.66



SECTION A-A



PLAN

CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233 butt_jta.dgn	DRAWN - AJH	REVISED -
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PLOT DATE = 11/20/2009	DATE - 8/5/2009	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

BUTT JOINT DETAILS


SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

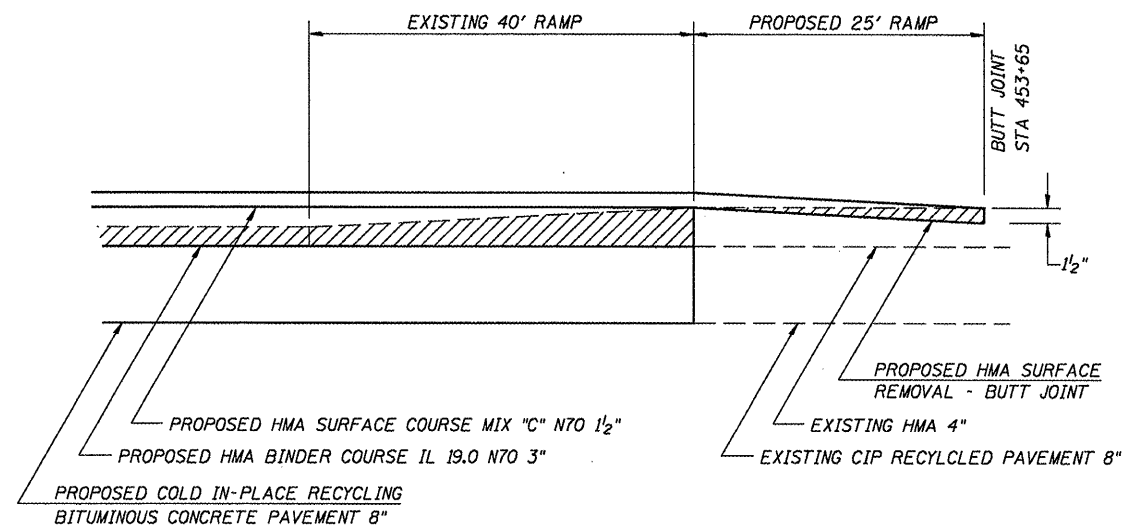
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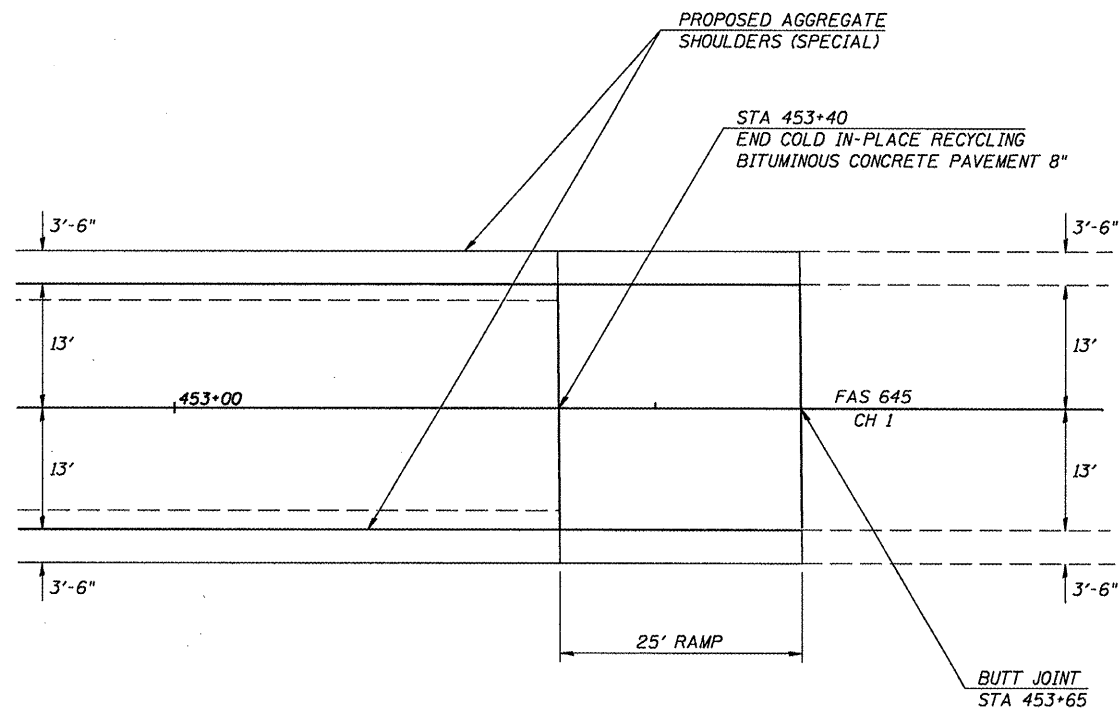
DATE	
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DESIGNED	
PLANNED	
CHECKED	
FILE NAME	
NO.	

 INDICATES PROPOSED HMA SURFACE REMOVAL 1 3/4"

TRANSITION HMA SURFACE REMOVAL FROM 1 3/4" AT STA 453+00 TO 4" AT STA 453+40



SECTION A-A



PLAN

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233 butt jsa.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 20.0000 sf / IN.	CHECKED -	REVISED -
PLOT DATE = 11/20/2009	DATE - 8/5/2009	REVISED -

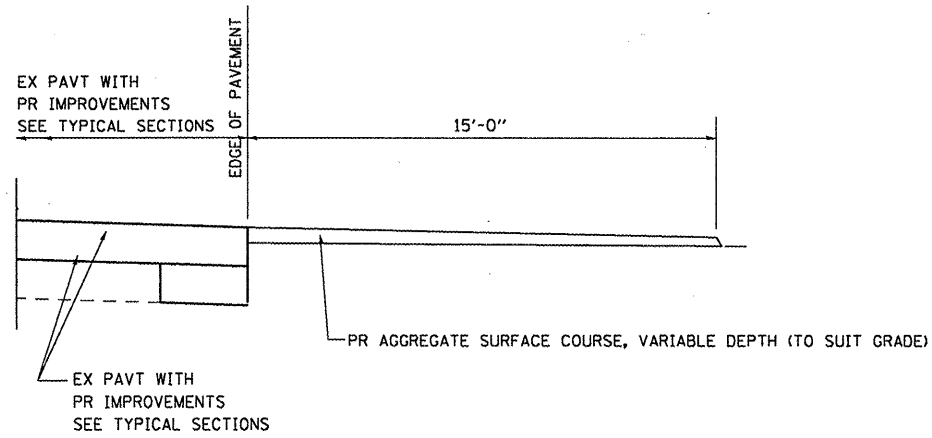
**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

BUTT JOINT DETAILS

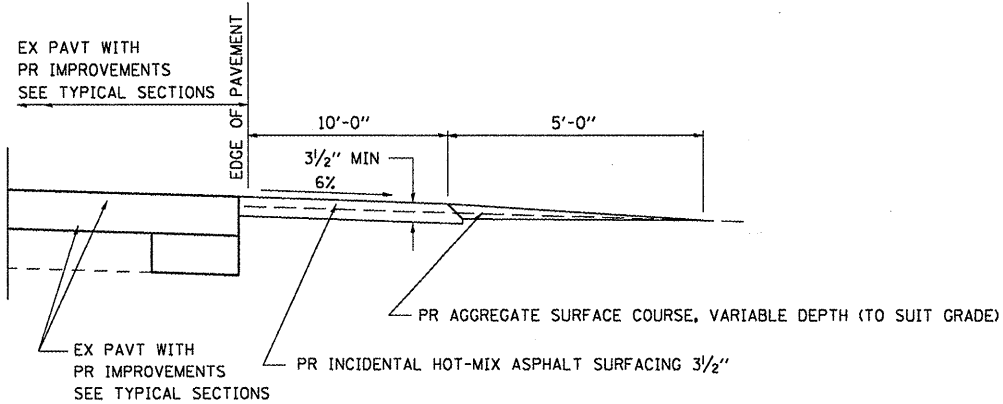
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO.	

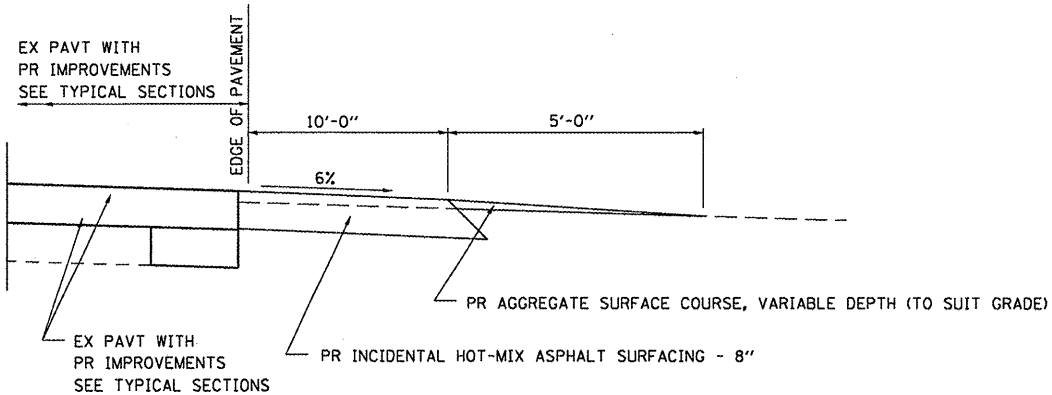
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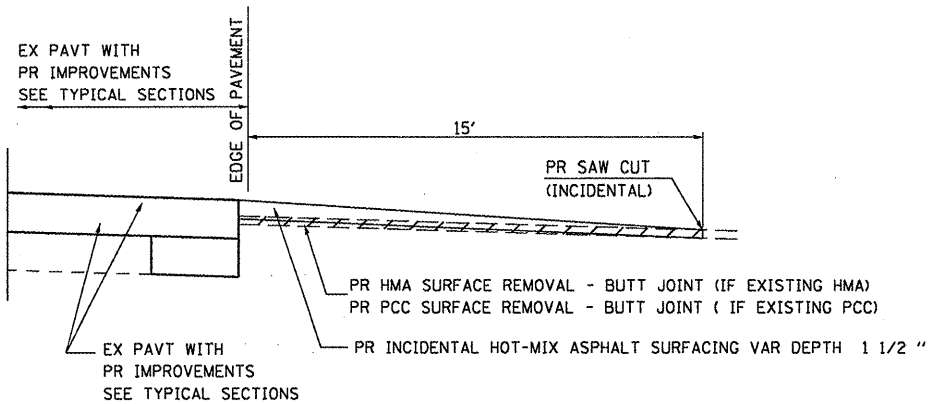
SECTION A-A FOR EX EARTH/AGGREGATE FE



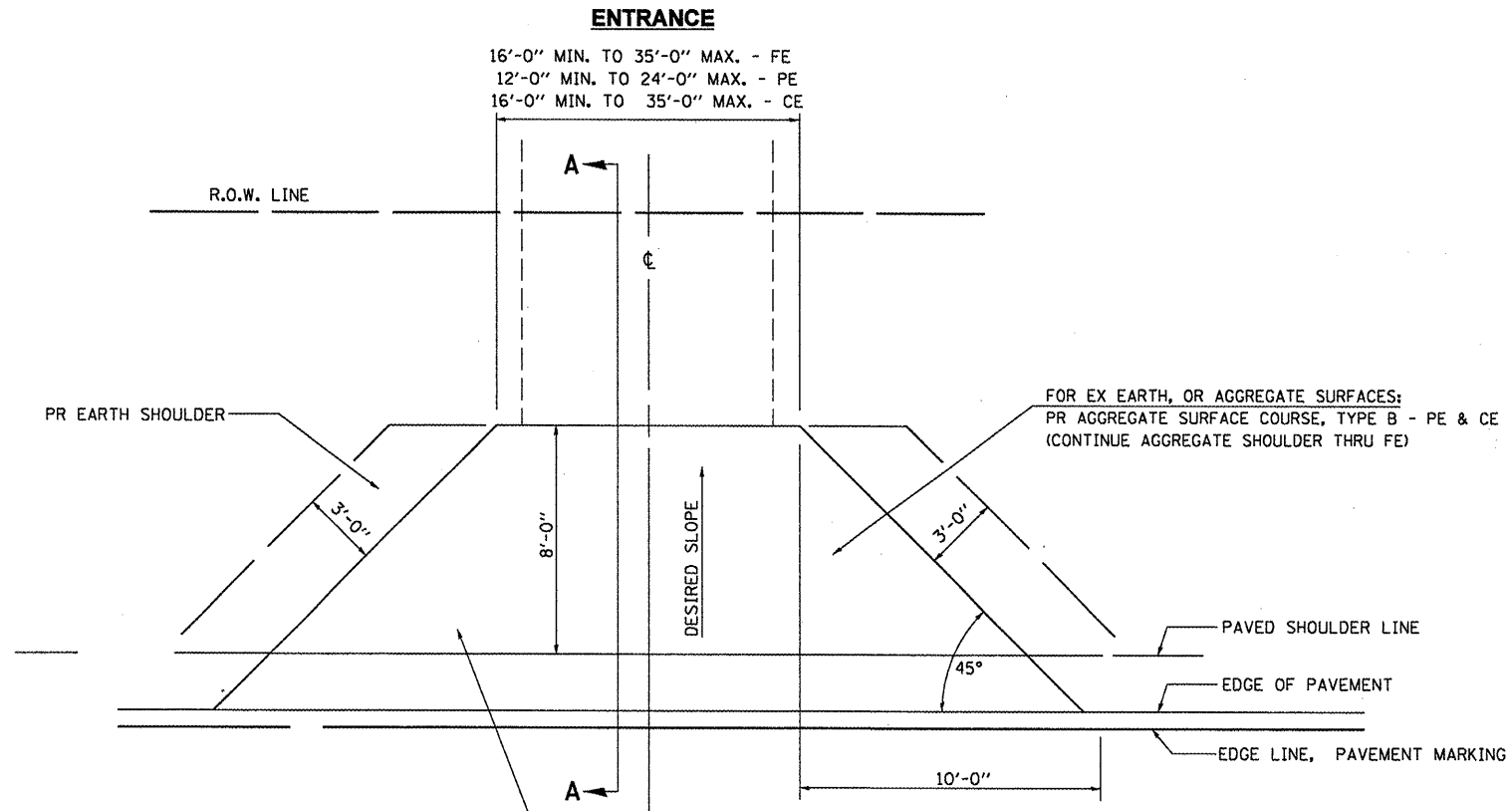
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX HOT-MIX ASPHALT/ PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
 PR HMA SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR INCIDENTAL HMA SURFACING 3 1/2" - PE
 PR INCIDENTAL HMA SURFACING 8" - CE

FOR EX HOT-MIX ASPHALT SURFACES:
 PR HMA SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
 PR PCC SURFACE REMOVAL-BUTT JOINT

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.

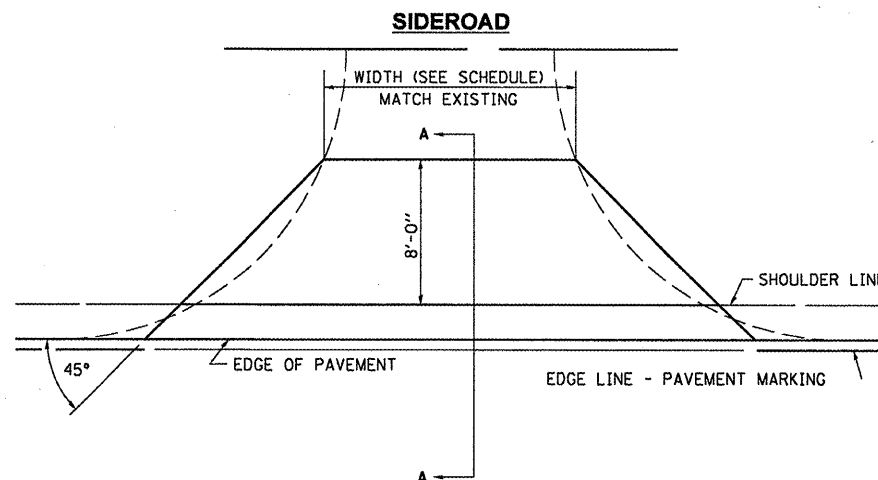
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

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.

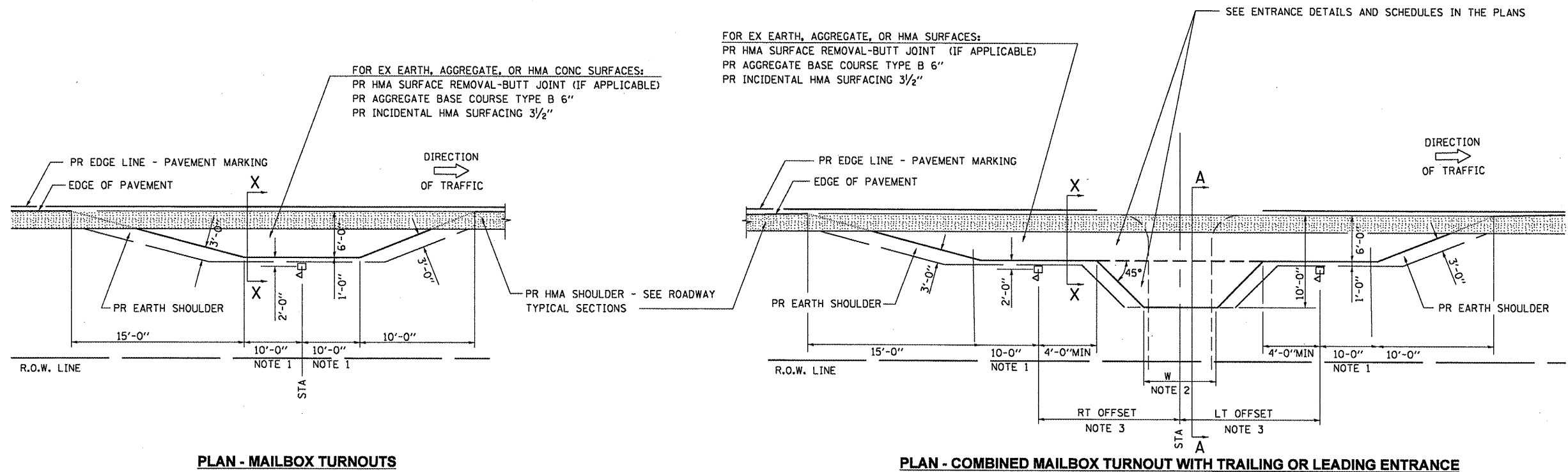
HOT-MIX ASPHALT REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

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

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

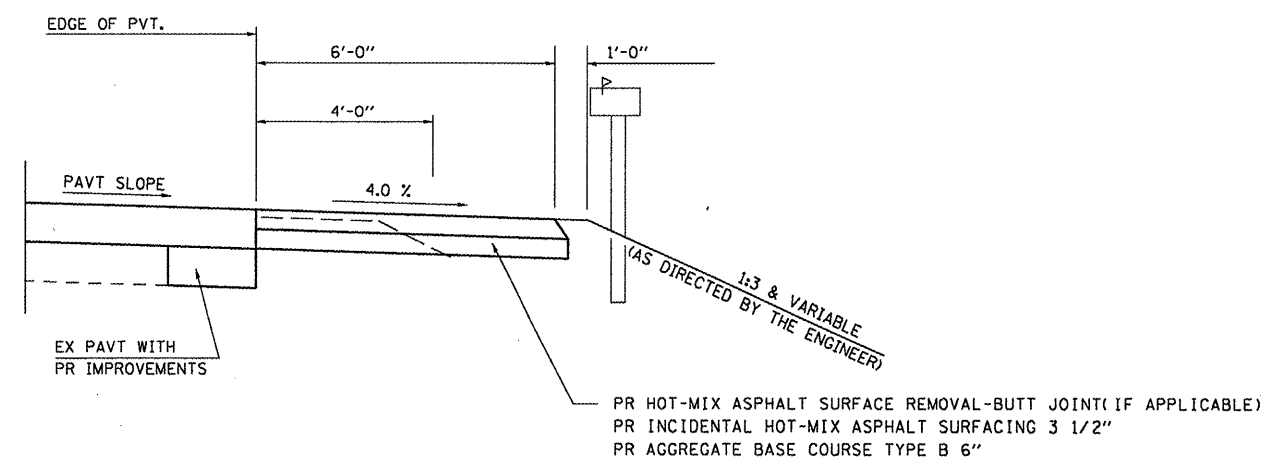


DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



**SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX EARTH, AGGREGATE, OR HOT-MIX ASPHALT PE & FE**

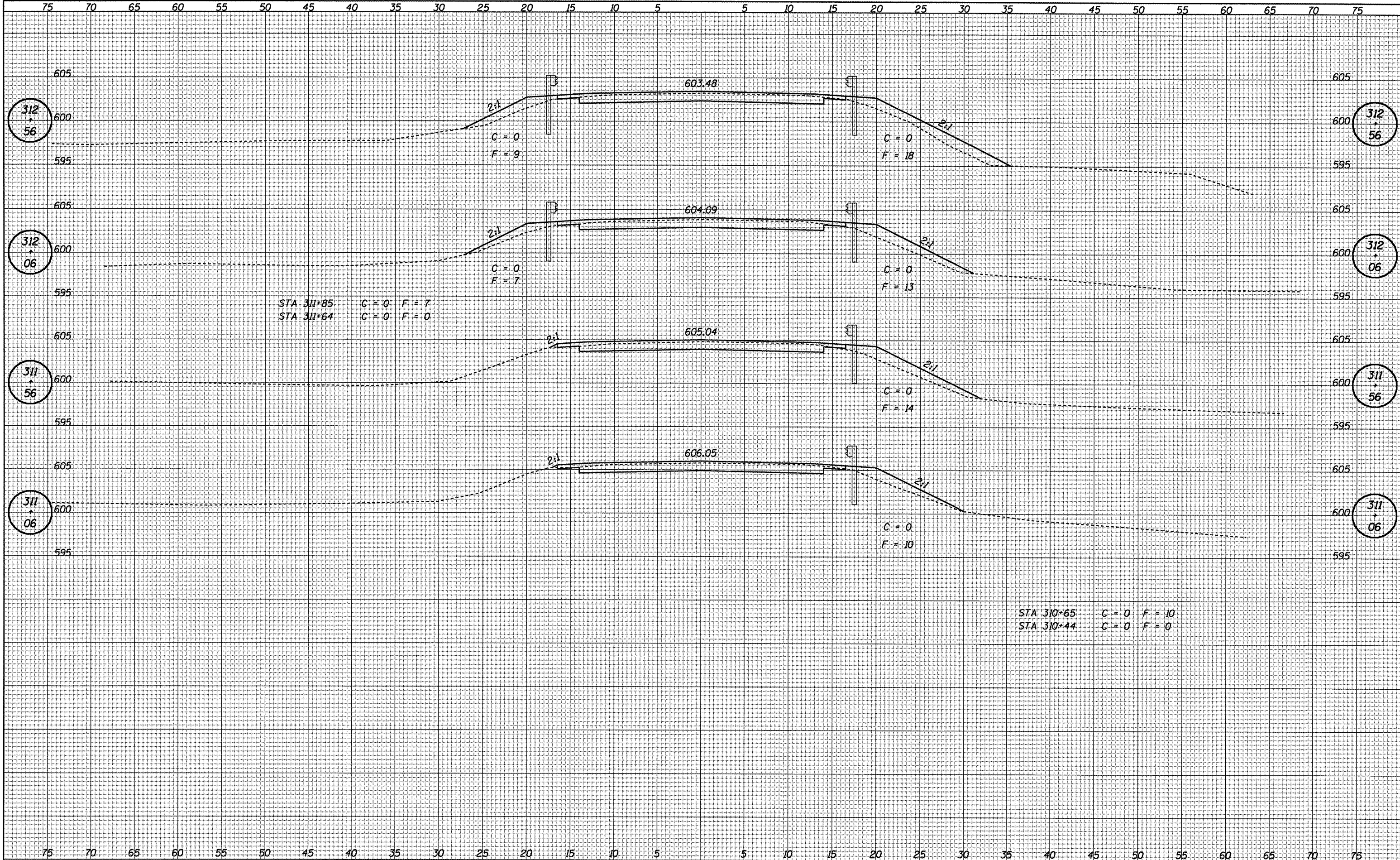
(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTION A-A REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

CEC <small>Civil and Structural Engineering</small>	JOB = 2233	DESIGNED - NAK	REVISED -	CHRISTIAN COUNTY CH 1 IMPROVEMENTS	TYPICAL CROSS SECTIONS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 12.0000 sf / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			
	PLOT DATE = 11/28/2009	DATE - 09/17/2009	REVISED -									

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

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



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233xsec.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 10,000 sf / IN.	CHECKED - 8/5/2009	REVISED -
PLOT DATE = 11/20/2009	DATE -	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

CROSS SECTIONS - CH 1

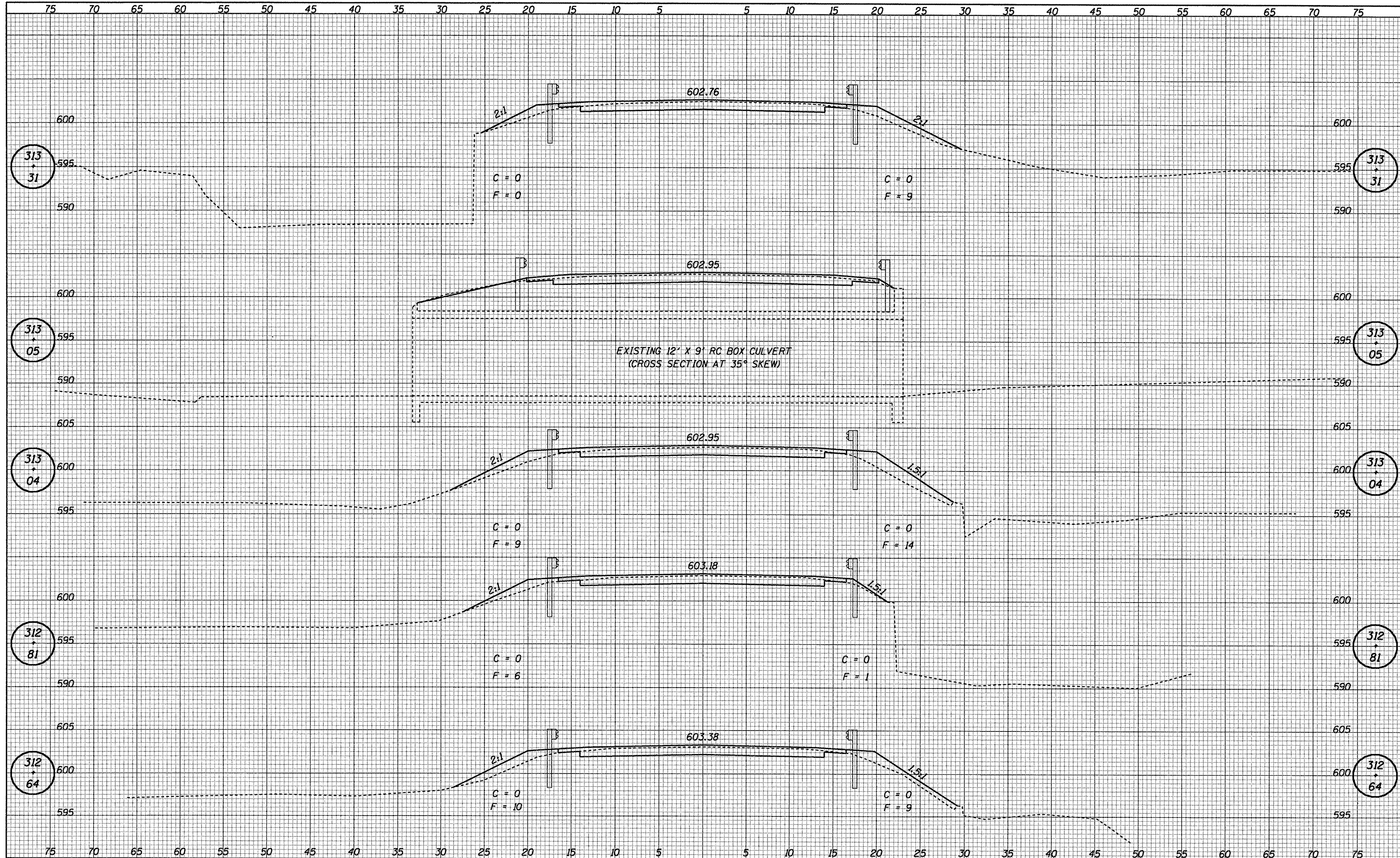
STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-RS	CHRISTIAN	28	23
CH 1	CONTRACT NO.			
FED. ROAD DIST. NO.	[ILLINOIS] FED. AID PROJECT			

93517

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

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



CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233xsec.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 10,0000 sf / IN.	CHECKED - 8/5/2009	REVISED -
PLOT DATE = 11/28/2009	DATE -	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

CROSS SECTIONS - CH 1

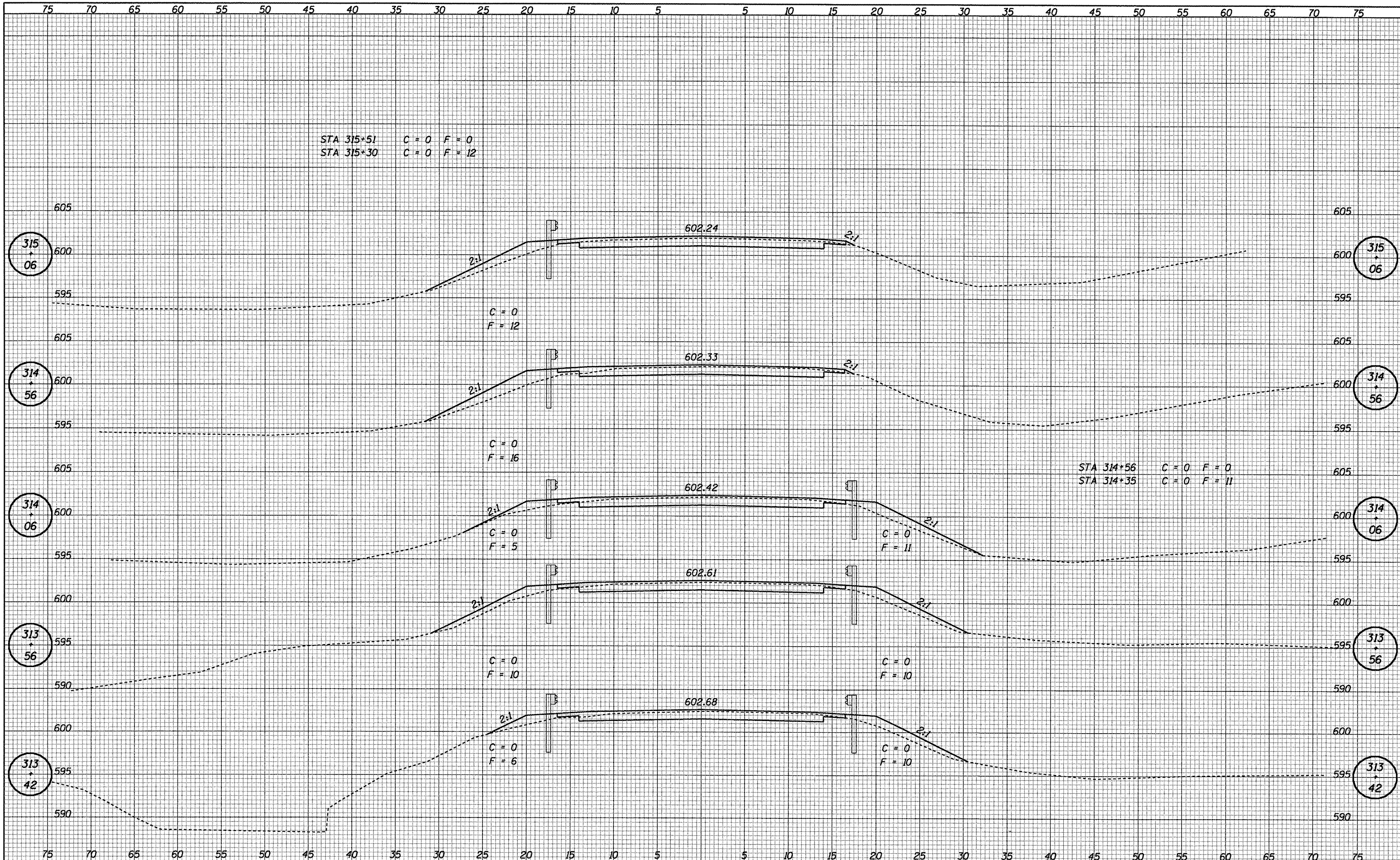
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-R5	CHRISTIAN	28	24
CH 1	CONTRACT NO.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT NO.			

93517

DATE	
BY	
FINAL SURVEY	
CHECKED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
CHECKED	
PLOTTED	
TEMPLATE	
AREAS	
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CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233xsec.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 10,000 sf / IN.	CHECKED - 8/5/2009	REVISED -
PLOT DATE = 11/28/2009	DATE -	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

CROSS SECTIONS - CH 1

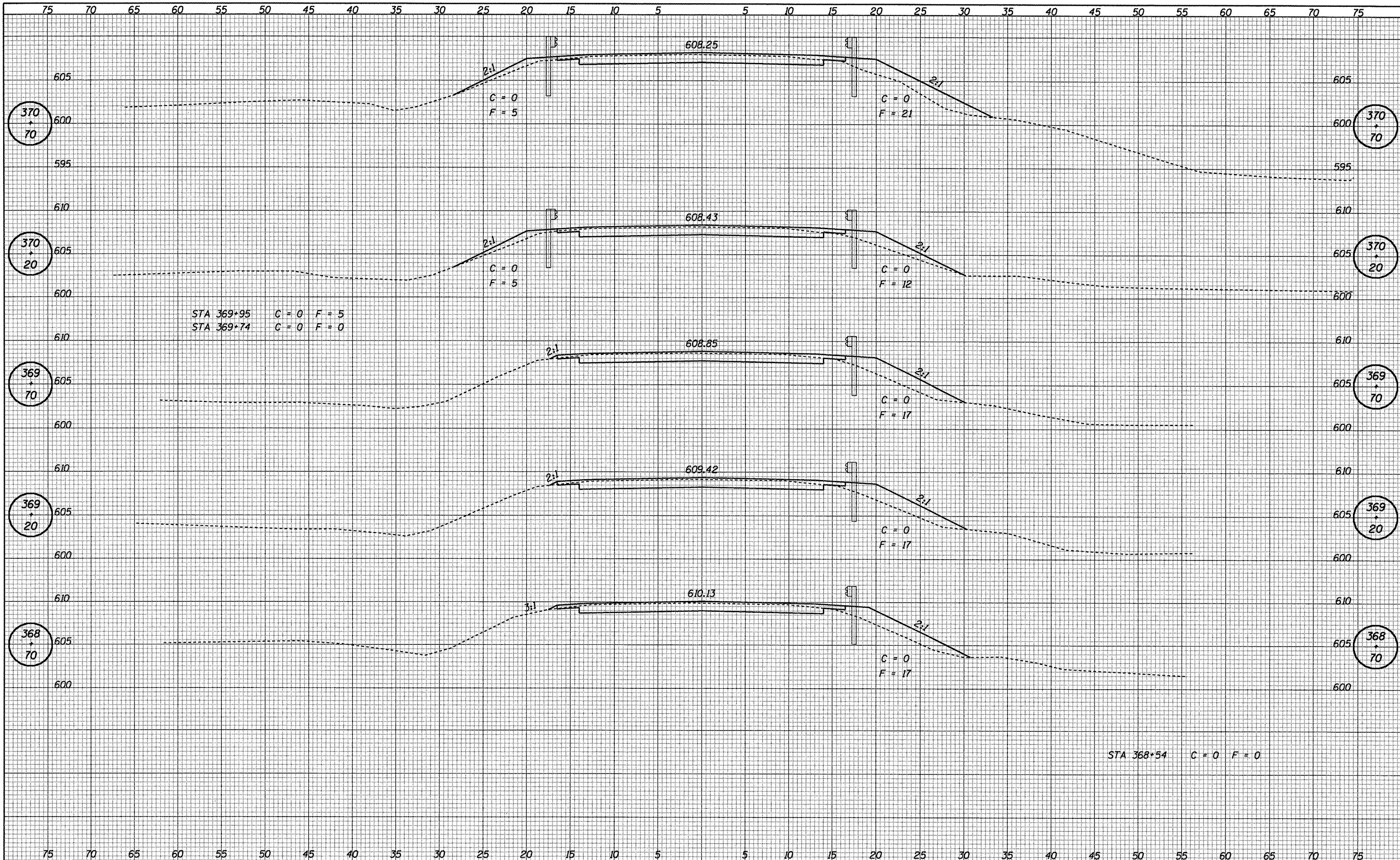
STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-R5	CHRISTIAN	28	25
CH 1				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.		

93517

DATE	
BY	
FINAL SURVEY	
CHECKED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
CHECKED	
PLOTTED	
TEMPLATE	
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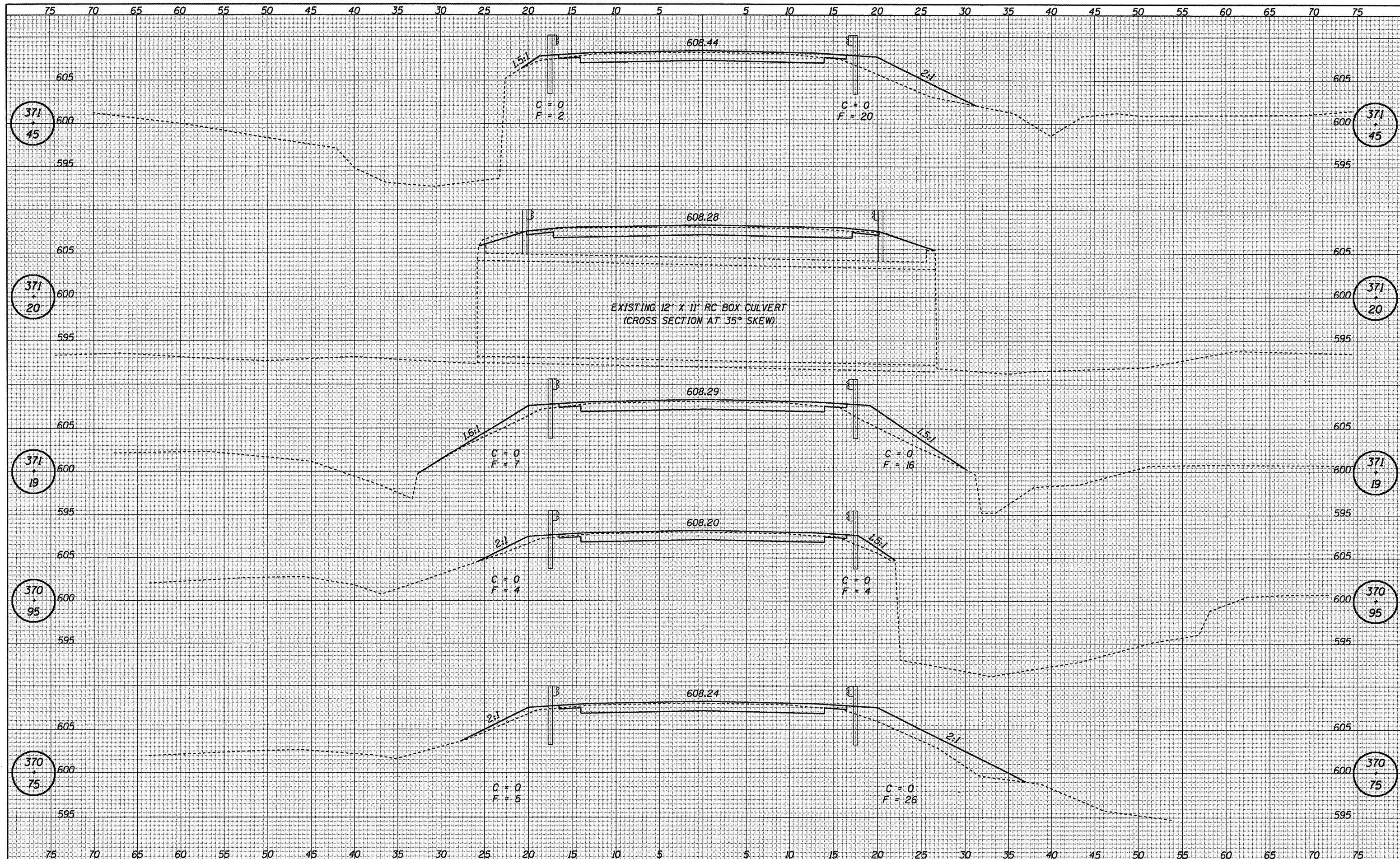


CEC Cummins Engineering Corporation Civil and Structural Engineering	JOB = 2233	DESIGNED - NAK	REVISED -	CHRISTIAN COUNTY CH 1 IMPROVEMENTS	CROSS SECTIONS - CH 1	F.A.S. RTE. 645	SECTION 05-00071-05-RS	COUNTY CHRISTIAN	TOTAL SHEETS 28	SHEET NO. 26
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	PLOT SCALE = 10,000 sf / IN.	CHECKED - 8/5/2009	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT NO.			
	PLOT DATE = 11/28/2009	DATE -	REVISED -			STA. TO STA.				

93517

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

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



CEC Cummins
Engineering Corporation
Civil and Structural Engineering

JOB = 2233	DESIGNED - NAK	REVISED -
FILE NAME = 2233xsec.dgn	DRAWN - AJH	REVISED -
PLOT SCALE = 10,000 sf / IN.	CHECKED - 8/5/2009	REVISED -
PLOT DATE = 11/28/2009	DATE -	REVISED -

**CHRISTIAN COUNTY
CH 1 IMPROVEMENTS**

CROSS SECTIONS - CH 1

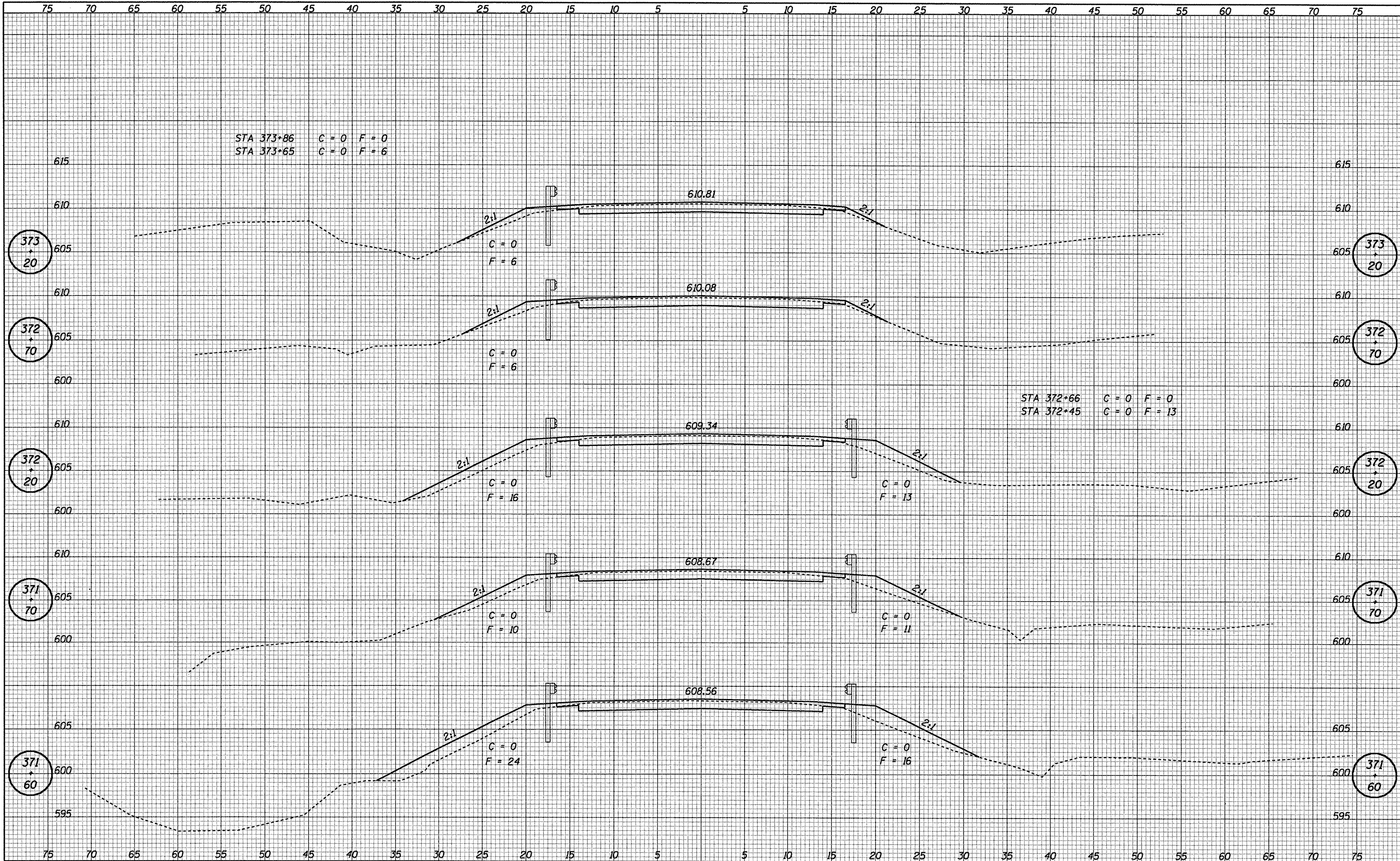
STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
645	05-00071-05-R5	CHRISTIAN	28	27
CH 1	CONTRACT NO.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

93517

DATE	
BY	
FINISHED	
SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL	
SURVEY	
NOTE BOOK	
NO.	



	JOB = 2233	DESIGNED - NAK	REVISED -	CHRISTIAN COUNTY CH 1 IMPROVEMENTS	CROSS SECTIONS - CH 1 STA. TO STA.	F.A.S. RTE. 645	SECTION 05-00071-05-RS	COUNTY CHRISTIAN	TOTAL SHEETS 28	SHEET NO. 28
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	PLOT SCALE = 10,000 sf / IN.	CHECKED - 8/5/2009	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	93517		
	PLOT DATE = 11/28/2009	DATE -	REVISED -							