

FA ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS		VARIOUS	25	1

D-5 CONTRACT MAINT 2005-11
 CONTRACT NO. 70450
 D-95-090-04

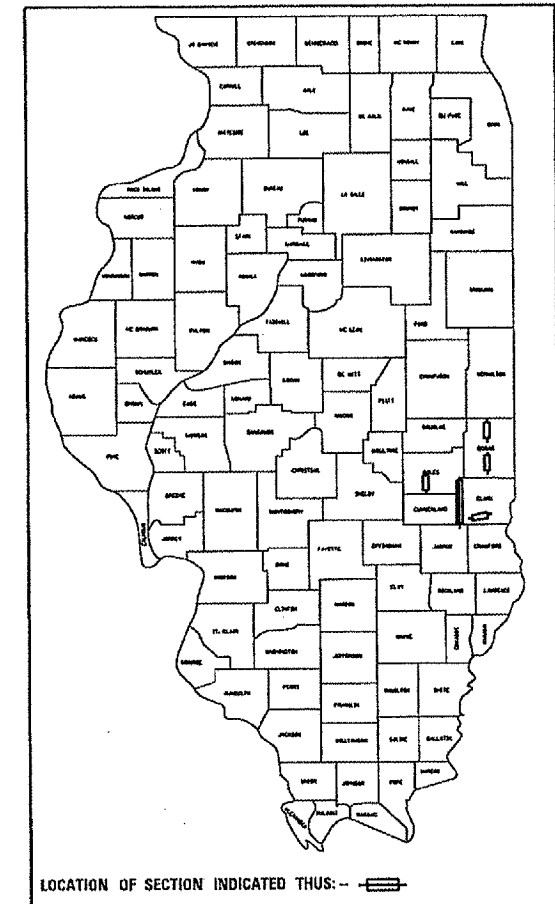
FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 8

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

VARIOUS ROUTES SECTION D-5 CONTRACT MAINT 2005-11 VARIOUS COUNTIES

C-95-096-04

ROUT & SEAL CRACKS



PROJECT ENGINEER: KENSIL A. GARNETT (217)465-4181
 SQUAD LEADER: CHRIS GREESON
 DESIGNER: JOE HOWELL

CURRENT ADT		
LOCATION #1	3,350	(2003)
LOCATION #2	5,760	(2003)
LOCATION #3	5,900	(2003)
LOCATION #4	3,525	(2003)
LOCATION #5	1,620	(2003)

DESIGN DESIGNATION
 N/A

FOR LOCATION MAPS, SEE SHEETS NO. 3 - 6

FOR TOTAL & NET LENGTHS, SEE SHEETS NO. 3 - 6

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 2/8 20 05
Joseph Crowe
 DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

March 25 20 05
Mike Bennett
 ENGINEER OF DESIGN AND ENVIRONMENT

March 25 20 05
Victor Maden
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

FOR UNDERGROUND UTILITY
 LOCATIONS CALL
 TOLL FREE J.U.L.I.E. TELEPHONE NO.
 1-800-892-0123

CONTRACT NO. 70450

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	2

* D-5 CONTRACT MAINT 2005-11
CONTRACT NO. 70450

INDEX OF SHEETS

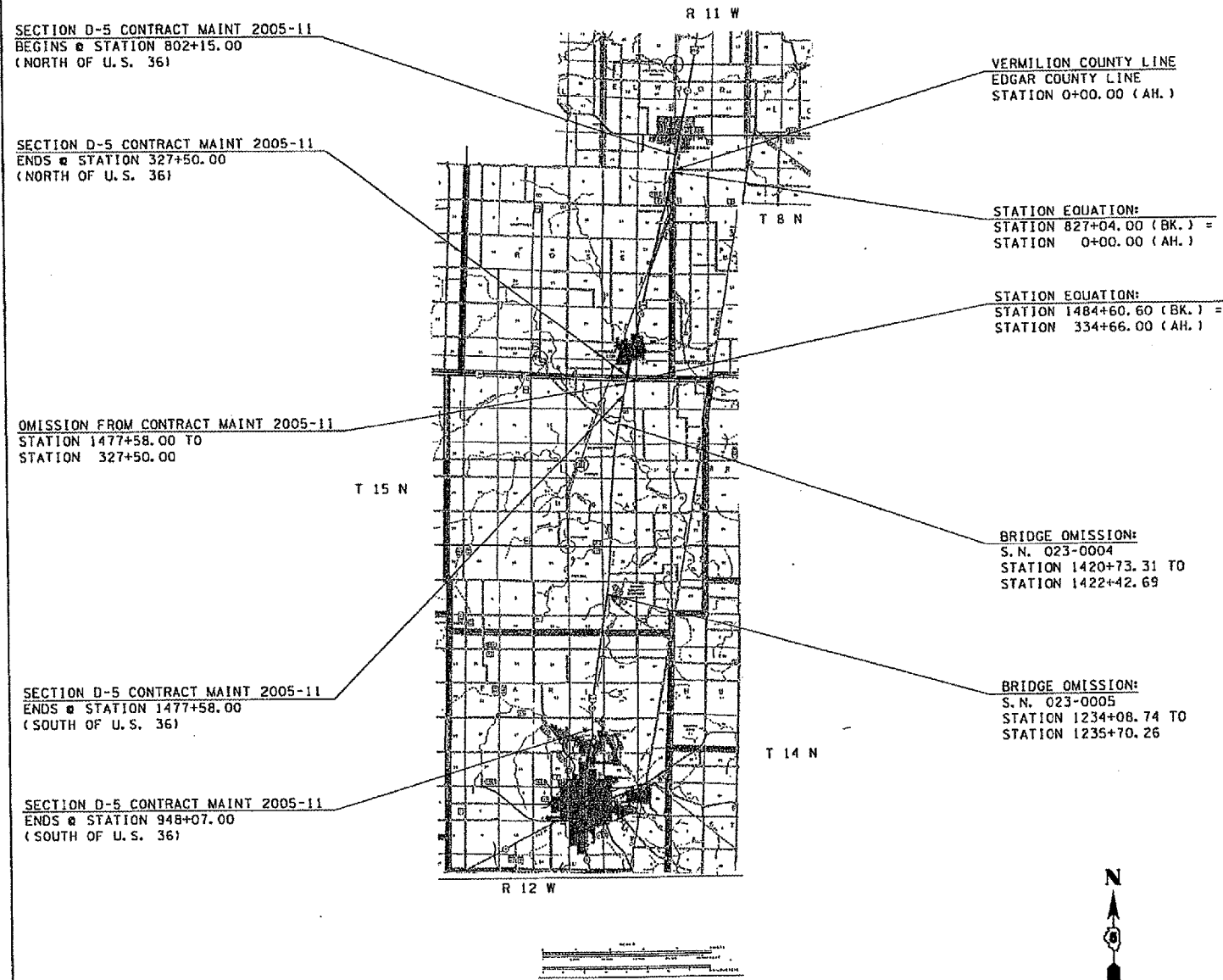
<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF STANDARDS
3 - 6	LOCATION MAPS
7	GENERAL NOTES
8	SUMMARY OF QUANTITIES
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21	SCHEDULE OF QUANTITIES
22	TYPICAL DETAILS FOR CRACK SEALING FOR BITUMINOUS PAVEMENT
23 - 25	TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS

LIST OF STANDARDS

<u>STANDARD NUMBER</u>	<u>NAME OF STANDARD</u>
701306 - 01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS \geq 45 MPH
701311 - 02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501 - 03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502 - 01	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601 - 04	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W, WITH NONTRAVERSABLE MEDIAN
702001 - 05	TRAFFIC CONTROL DEVICES
780001 - 01	TYPICAL PAVEMENT MARKINGS

LOCATION MAP #1 IL 1, FROM THE SOUTHERN EDGE OF RIDGEFARM TO THE NORTHERN EDGE OF PARIS

VERMILION & EDGAR COUNTIES /RURAL 2-LANE



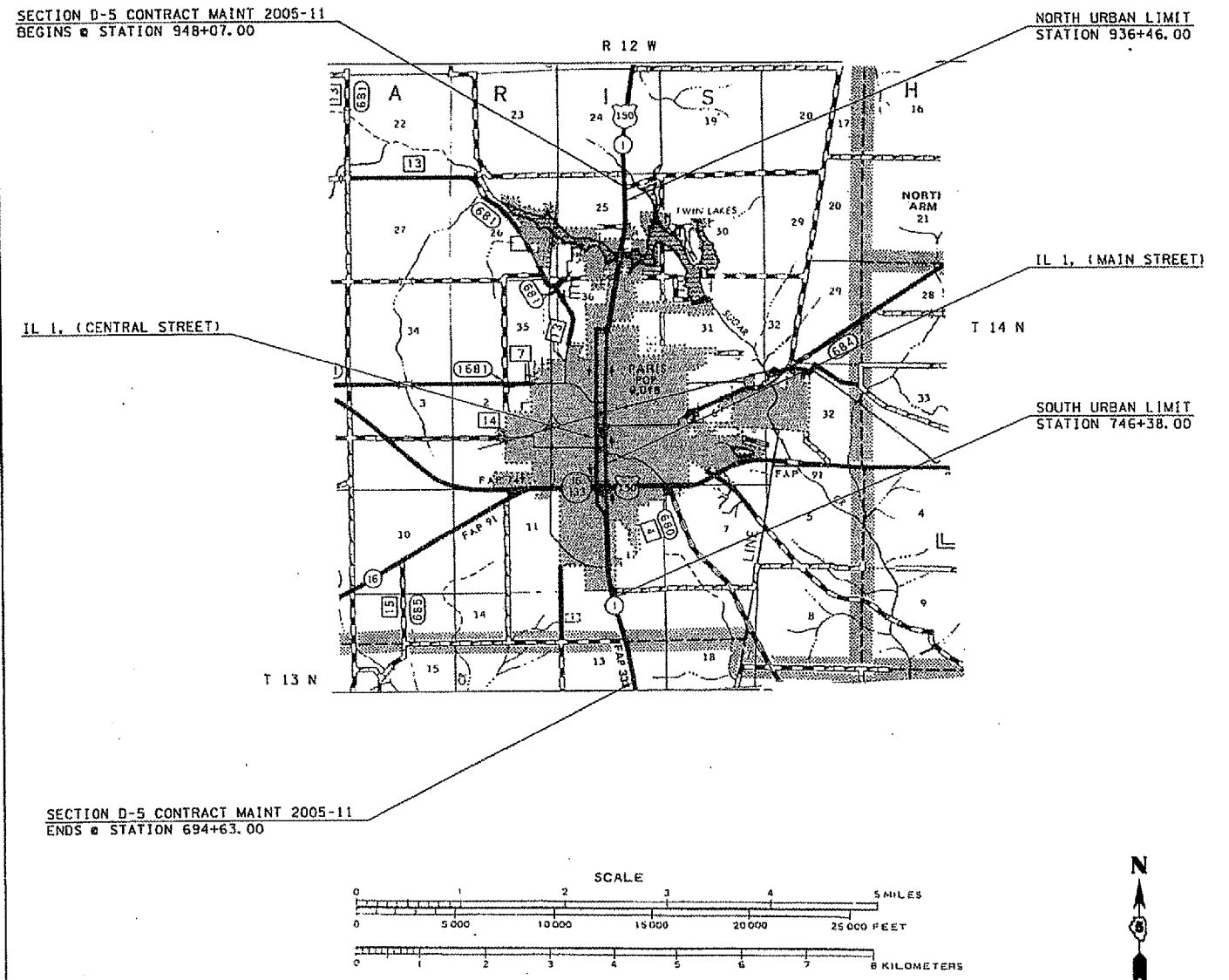
TOTAL LENGTH OF SECTION = 89,608.60 FT. = 16.971 MILES
NET LENGTH OF SECTION = 87,859.10 FT. = 16.640 MILES

LOCATION MAP #2 IL 1, FROM NCL OF PARIS TO SCL OF PARIS

EDGAR COUNTY /RURAL 2-LANE & URBAN MULTI-LANE

F.A. RYE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	VARIOUS	25	3

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TOTAL LENGTH OF SECTION = 25,344.00 FT. = 4.800 MILES
NET LENGTH OF SECTION = 25,344.00 FT. = 4.800 MILES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	-	VARIOUS	25	4

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 • D-5 CONTRACT MAINT 2005-11

LOCATION MAP #3 IL RTE. 130 FROM THE NORTH CITY LIMIT OF CHARLESTON TO THE SOUTH CITY LIMIT

COLES COUNTY URBAN MULTI-LANE

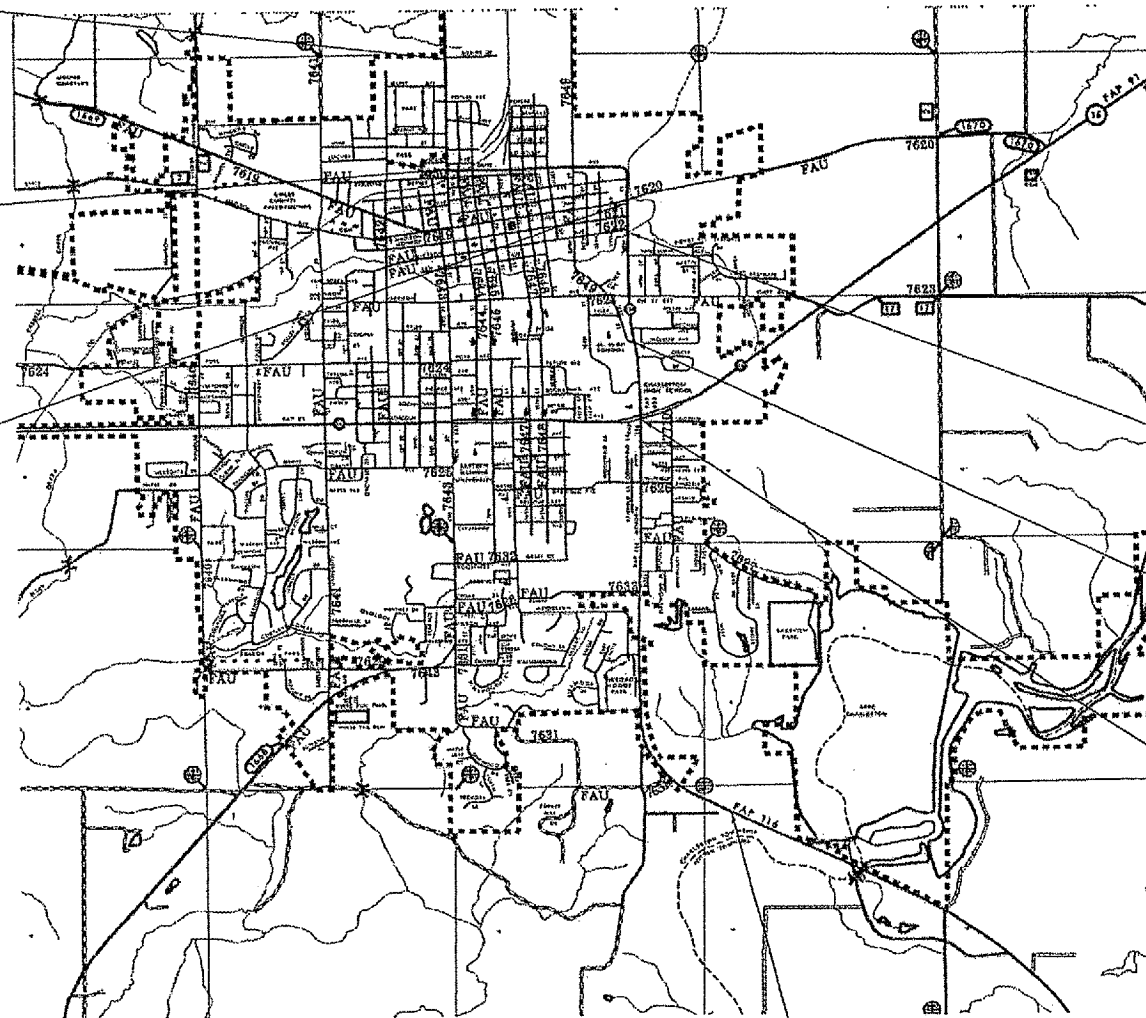
SECTION D-5 CONTRACT MAINT 2005-11
 BEGINS @ STATION 131+78.07

BEGIN RECONSTRUCTION OMISSION
 (INTERSECTION OF 5TH & OLIVE STREETS)
 STATION 155+05.42

END RECONSTRUCTION OMISSION
 (INTERSECTION OMISSION OF 5TH & OLIVE STREETS)
 STATION EQUATION:
 STATION: 198+30.73 (BK.) =
 STATION: 0+00.00 (AH.)

T 12 N

R 9 E



BRIDGE OMISSION:
 S.N. 015-2015
 STATION 6+69.62 TO
 STATION 7+96.78

STATION EQUATION:
 STATION 31+80.38 (BK.) =
 STATION 31+77.93 (AH.)

INTERSECTION OF IL RTE. 16 & IL RTE. 130
 STATION 46+68.68



SECTION D-5 CONTRACT MAINT 2005-11
 ENDS @ STATION 142+94.85



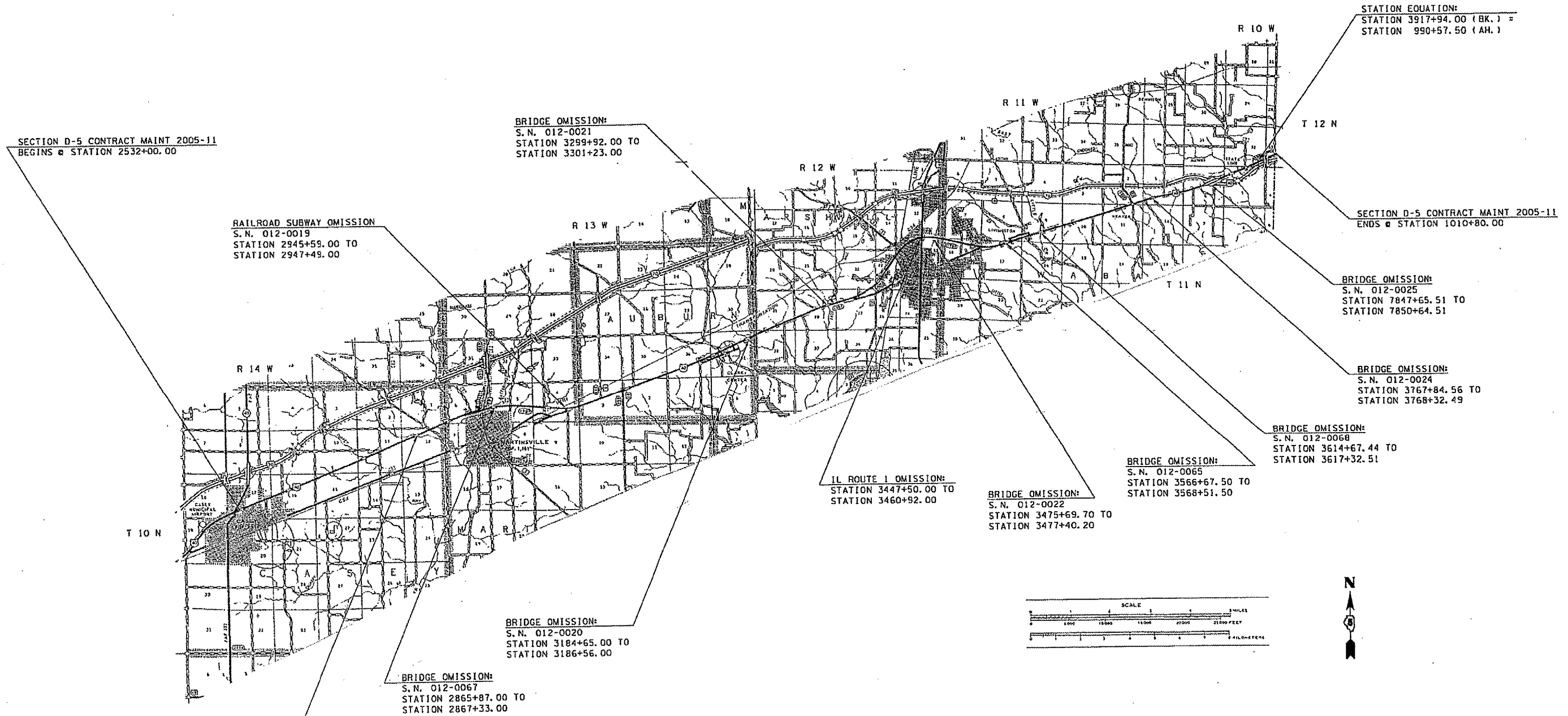
TOTAL LENGTH OF SECTION = 20,949.96 FT. = 3.968 MILES
 NET LENGTH OF SECTION = 16,497.49 FT. = 3.125 MILES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	.	VARIOUS	25	5

D-5 CONTRACT MAINT 2005-11
CONTRACT NO. 70450

LOCATION MAP #4 U.S. ROUTE 40 FROM INTERSECTION OF IL RTE. 49 IN CASEY TO ILLINOIS - INDIANA STATE LINE

CLARK COUNTY /RURAL 2-LANE



SECTION D-5 CONTRACT MAINT 2005-11
BEGINS @ STATION 2532+00.00

RAILROAD SUBWAY OMISSION:
S.N. 012-0019
STATION 2945+59.00 TO
STATION 2947+49.00

BRIDGE OMISSION:
S.N. 012-0021
STATION 3299+92.00 TO
STATION 3301+23.00

STATION EQUATION:
STATION 3917+94.00 (BK.) =
STATION 990+57.50 (AH.)

SECTION D-5 CONTRACT MAINT 2005-11
ENDS @ STATION 1010+80.00

BRIDGE OMISSION:
S.N. 012-0025
STATION 7847+65.51 TO
STATION 7850+64.51

BRIDGE OMISSION:
S.N. 012-0024
STATION 3767+84.56 TO
STATION 3768+32.49

BRIDGE OMISSION:
S.N. 012-0068
STATION 3614+67.44 TO
STATION 3617+32.51

BRIDGE OMISSION:
S.N. 012-0065
STATION 3566+67.50 TO
STATION 3568+51.50

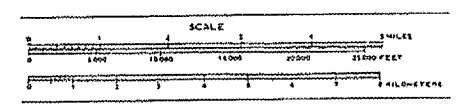
BRIDGE OMISSION:
S.N. 012-0022
STATION 3475+69.70 TO
STATION 3477+40.20

IL ROUTE 1 OMISSION:
STATION 3447+50.00 TO
STATION 3460+92.00

BRIDGE OMISSION:
S.N. 012-0020
STATION 3184+65.00 TO
STATION 3186+56.00

BRIDGE OMISSION:
S.N. 012-0067
STATION 2865+87.00 TO
STATION 2867+33.00

BRIDGE OMISSION:
S.N. 012-0018
STATION 2810+76.00 TO
STATION 2813+13.00



TOTAL LENGTH OF SECTION = 140,616.50 FT. = 26.632 MILES
NET LENGTH OF SECTION = 137,413.00 FT. = 26.025 MILES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	-	VARIOUS	25	6

• D-5 CONTRACT MAINT 2005-11
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LOCATION MAP #5 IL ROUTE 49 FROM INTERSECTION WITH IL RTE. 16 SOUTH TO NORTH OF INTERSECTION WITH F.A.I. 70

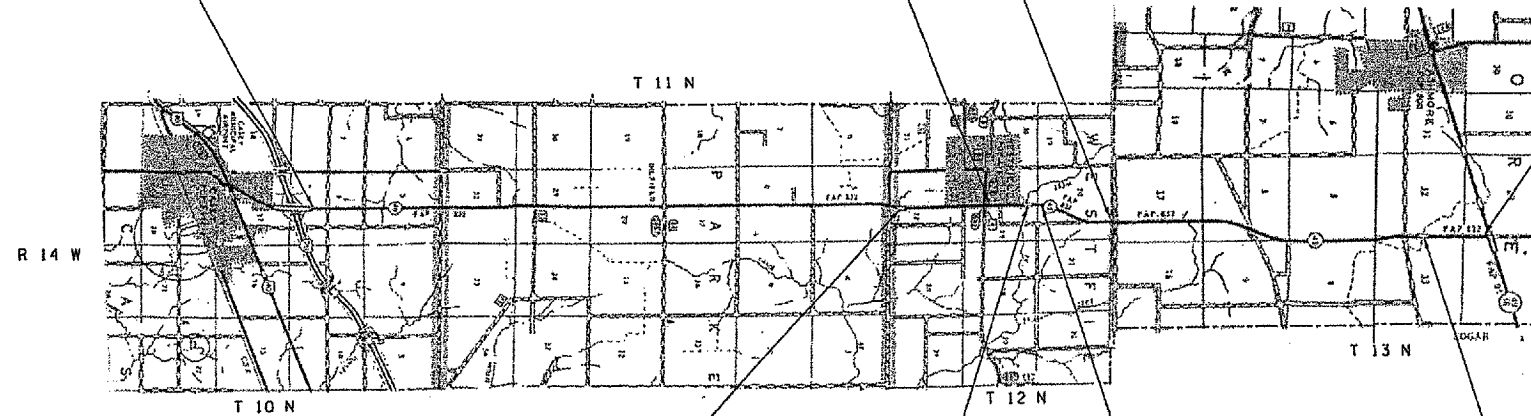
COLES & CLARK COUNTIES /RURAL 2-LANE

SECTION D-5 CONTRACT MAINT 2005-11
ENDS @ STATION 90+82.00

STATION EQUATION:
STATION 574+75.00 (BK.) =
STATION 575+25.00 (AH.)

COLES - CLARK
COUNTY LINE
STATION 656+61.00

SECTION D-5 CONTRACT MAINT 2005-11
BEGINS @ STATION 881+41.00



BRIDGE OMISSION:
S.N. 012-0061
STATION 502+91.02 TO
STATION 503+57.02

BRIDGE OMISSION:
S.N. 012-0066
STATION 593+60.00 TO
STATION 595+52.00

STATION EQUATION:
STATION 615+02.00 (BK.) =
STATION 614+52.00 (AH.)

BRIDGE OMISSION:
S.N. 015-0071
STATION 846+80.67 TO
STATION 847+85.33



TOTAL LENGTH OF SECTION = 79,059.00 FT. = 14.973 MILES
NET LENGTH OF SECTION = 78,696.34 FT. = 14.905 MILES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	7

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CONTRACT NO. 70450

GENERAL NOTES

G. N. - 100

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G. N. - 107.12

THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

LOCATION #1, # 2

MR. GALE FREE
ROADMASTER
CSX TRANSPORTATION
564 CSX LANE
DANVILLE, IL 61834
(217) 442 - 0126

LOCATION # 3

MR. EVERETT FLETCHER
EASTERN ILLINOIS RAILROAD COMPANY
P O BOX 1470
DECATUR, IL 62525
(217) 424 - 5980

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACT IS:

LOCATION #1, # 2

MR. DAVID CLIFFORD
CSX TRANSPORTATION
1700 WEST 167TH STREET
CALUMET CITY, IL 60409
(708) 832 - 2170

LOCATION # 3

MR. MARVIN ABERNATHY
SUPERVISOR MAINTENANCE OF WAY
EASTERN ILLINOIS RAILROAD COMPANY
P O BOX 1132
CHARLESTON, IL 61920
(217) 345 - 4832

G. N. - 451 (SPECIAL)

CRACK ROUTING AND FILLING CONSISTS OF BOTH LONGITUDINAL AND TRANSVERSE CRACKS. AN APPLICATION RATE OF 0.40 LBS./FOOT WAS USED TO DETERMINE CRACK FILLING QUANTITIES.

LOCATION # 1

THE INTENT AT LOCATION #1 IS TO ROUT AND SEAL ALL TRANSVERSE CRACKS, AND MISCELLANEOUS LONGITUDINAL CRACKS. THE CENTERLINE LONGITUDINAL JOINT FROM THE BEGINNING OF THIS PROJECT TO APPROXIMATELY STATION 137+20 HAS ALREADY BEEN SEALED UNDER A PREVIOUS CONTRACT. IT IS ALSO THE INTENT AT LOCATION #1 TO CONTINUE THE ROUTING AND SEALING OF THE CENTERLINE JOINT FROM ITS TERMINUS AT, OR ABOUT STATION 137+20, TO THE SOUTHERN END OF THIS LOCATION.

LONGITUDINAL: 31,530.0 LBS.
TRANSVERSE: 25,190.0 LBS.

TOTAL: 56,720.0 LBS. (ESTIMATED)

LOCATION # 2

THE INTENT AT LOCATION # 2 IS TO ROUT ALL LONGITUDINAL AND TRANSVERSE CRACKS AND JOINTS INCLUDING THE CENTERLINE AND AUXILIARY LANE JOINTS. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE OMITTED.

LONGITUDINAL: 43,320.0 LBS.
TRANSVERSE: 17,680.0 LBS.

TOTAL: 61,000.0 LBS. (ESTIMATED)

LOCATION # 3

THE INTENT AT LOCATION # 3 IS TO ROUT ALL LONGITUDINAL AND TRANSVERSE CRACKS AND JOINTS INCLUDING THE CENTERLINE AND AUXILIARY LANE JOINTS. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE OMITTED.

LONGITUDINAL: 10,520.0 LBS.
TRANSVERSE: 9,430.0 LBS.

TOTAL: 19,950.0 LBS. (ESTIMATED)

LOCATION # 4

THE INTENT AT LOCATION # 4 IS TO ROUT ALL LONGITUDINAL AND TRANSVERSE CRACKS AND JOINTS INCLUDING THE CENTERLINE, CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE OMITTED. IT IS ANTICIPATED THAT PLAN QUANTITY FOR THIS LOCATION SHOULD COMPLETE THIS LOCATION.

LONGITUDINAL: 56,000.0 LBS.
TRANSVERSE: 15,390.0 LBS.

TOTAL: 71,390.0 LBS. (ESTIMATED)

LOCATION # 5

THE INTENT AT LOCATION # 5 IS TO ROUT ALL LONGITUDINAL AND HORIZONTAL CRACKS AND JOINTS, STARTING AT THE NORTH END OF THE PROJECT AND WORKING SOUTH. IT IS ALSO THE INTENT TO FINISH ROUTING AND FILLING IN COLES COUNTY BEFORE PROCEEDING TO CLARK COUNTY. IT IS ANTICIPATED THAT THE CONTRACTOR WILL RUN OUT OF PLAN QUANTITY BEFORE ENTERING CLARK COUNTY. IF THE CONTRACT QUANTITY HAS NOT RUN OUT, IT IS THE INTENT TO CONTINUE ROUTING AND SEALING IN CLARK COUNTY UNTIL THE REMAINDER OF THE TOTAL CONTRACT QUANTITY IS EXHAUSTED, OR THE END OF THE PROJECT IS ATTAINED.

LONGITUDINAL: 7,120.0 LBS. (TO BE DETERMINED)
TRANSVERSE: 3,520.0 LBS. (TO BE DETERMINED)

TOTAL: 10,640.0 LBS. (TO BE DETERMINED)

NOTE: ANY CHANGES TO THE INTENT OF ROUTING AND SEALING AT THE ABOVE LISTED LOCATIONS SHALL BE APPROVED BY THE ENGINEER.

G. N. - 451A (SPECIAL)

THE SECTION OF 452.04 WHICH REFERS TO BACKER ROD REPLACEMENT, SHALL ALSO APPLY TO THIS CONTRACT. THIS WORK SHALL BE PERFORMED AT THE DISCRETION OF THE ENGINEER IN ORDER TO KEEP THE APPLICATION RATE OF JOINT FILLER AS CLOSE TO DESIGN RATE OF 0.40 LBS./FOOT AS POSSIBLE. FURNISHING AND INSTALLING THE BACKER ROD WHEN REQUIRED BY THE ENGINEER WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	8

* D-5 CONTRACT MAINT 2005-11
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SUMMARY OF QUANTITIES

LOCATION OF WORK: VARIOUS ROUTES
D-5 CONTRACT MAINT 2005-11
VARIOUS COUNTIES

VARIOUS COUNTIES
RURAL
100% STATE
ROUT & SEAL

VARIOUS COUNTIES
URBAN
100% STATE
ROUT & SEAL

CONSTRUCTION TYPE CODE:

F000

F000

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
45100100	CRACK ROUTING (PAVEMENT)	FOOT	549,250.0	375,114.0	174,136.0
45100200	CRACK FILLING	POUND	219,700.0	150,040.0	69,660.0
67100100	MOBILIZATION	L SUM	1.0	0.7	0.3
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.7	0.3
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	1.0	0.0
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.0	0.7	0.3
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0	0.0	1.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	53,841.0	53,841.0	0.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	0.2	0.8

* SPECIALTY ITEMS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	.	VARIOUS	25	9

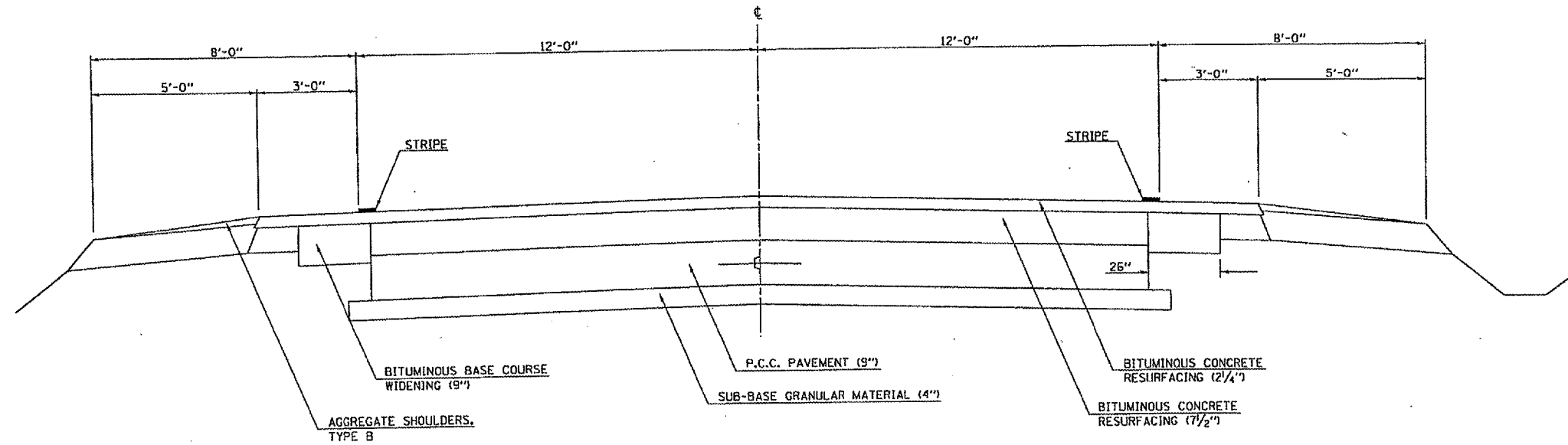
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CONTRACT NO. 70450

TYPICAL CROSS SECTION 1A

LOCATION #1

IL RTE. 1 (RIDGEFARM TO PARIS)

STATION	TO	STATION
802+15.00		827+04.00 (BK.)
0+00.00 (AH.)		251+68.00 (B)

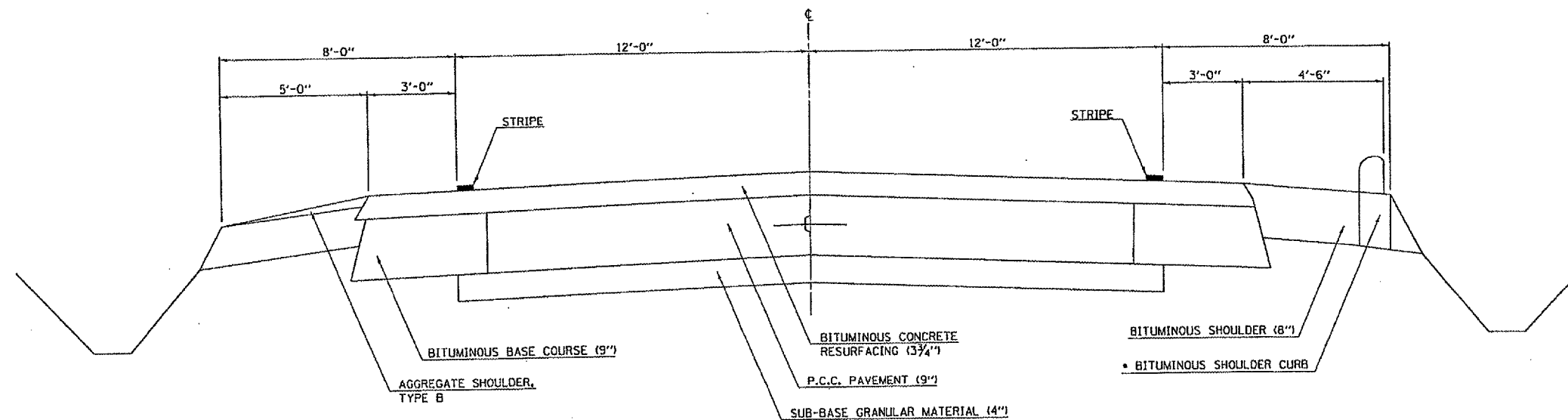


TYPICAL CROSS SECTION 1B

LOCATION #1

IL RTE. 1 (RIDGEFARM TO PARIS)

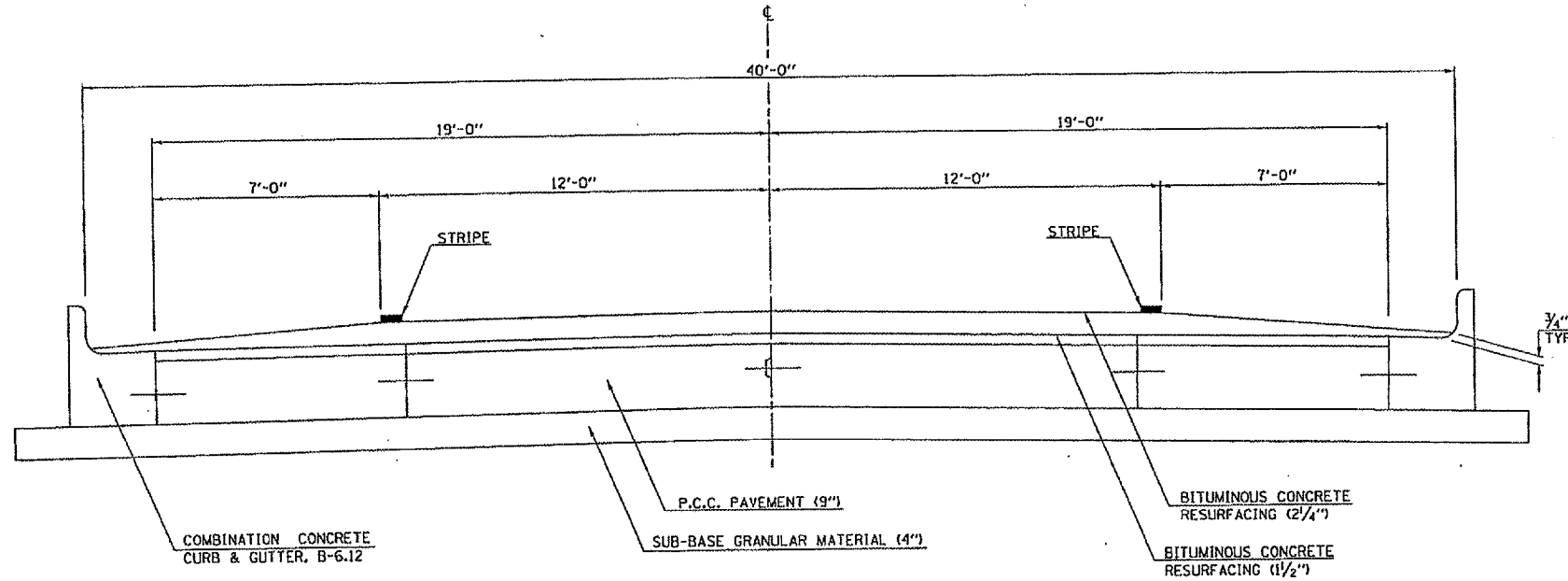
STATION	TO	STATION
(A) 251+68.00		281+98.00 (C)
* RT. 247+62.00		* RT. 248+25.00
* RT. 261+40.00		* RT. 264+45.00
(C) 301+92.00		327+50.00 (D)



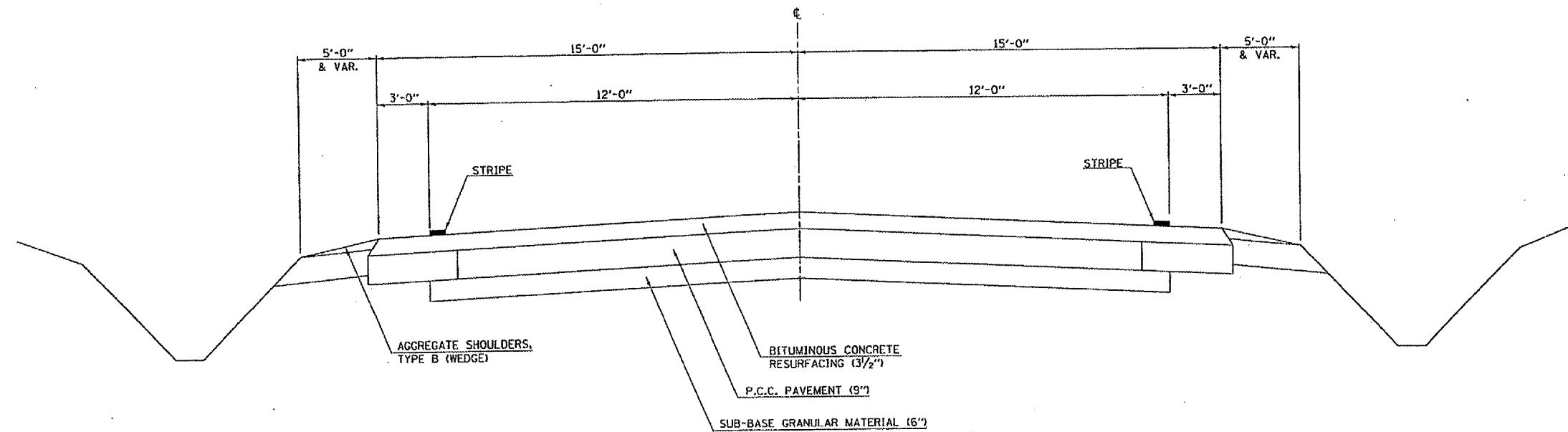
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VARIOUS	25	10

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TYPICAL CROSS SECTION 1C
LOCATION #1
IL RTE. 1 (RIDGEFARM TO PARIS)
STATION 281+98.00 TO STATION 301+92.00



TYPICAL CROSS SECTION 1D
LOCATION #1
IL RTE. 1 (RIDGEFARM TO PARIS)
STATION 948+07.00 TO STATION 1477+58.00



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	11

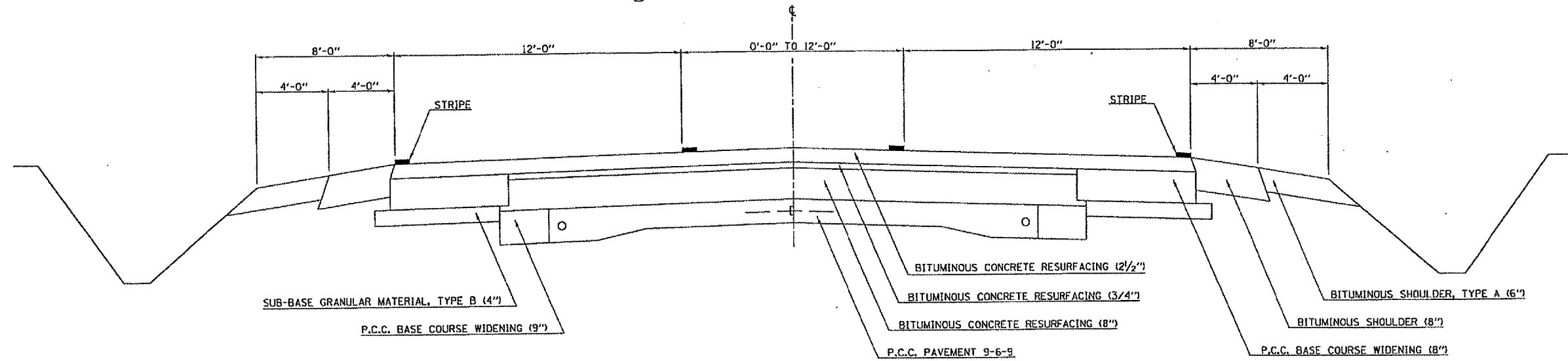
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TYPICAL CROSS SECTION 2A

LOCATION #2

IL RTE. 1 (IN PARIS)

STATION TO STATION
948+07.00 TO 911+11.00 2B
746+37.40 TO 694+63.00

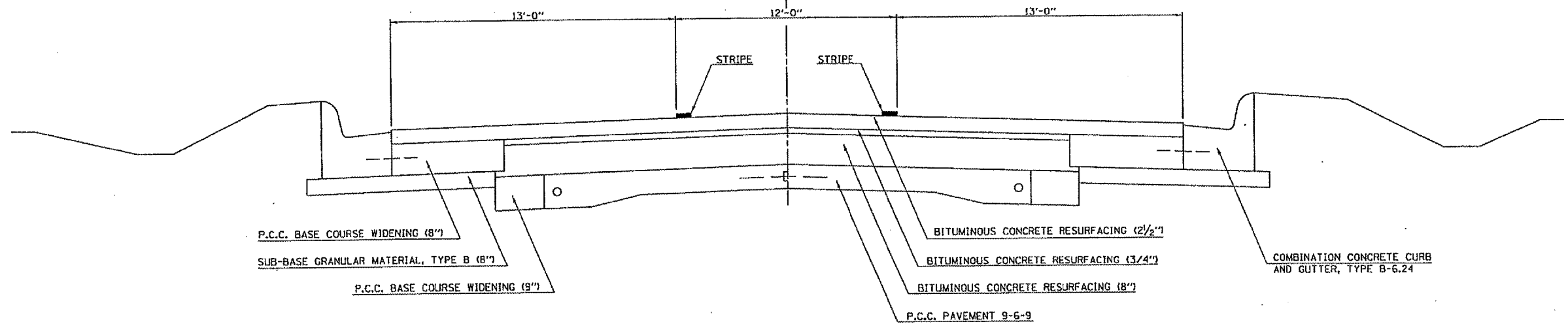


TYPICAL CROSS SECTION 2B

LOCATION #2

IL RTE. 1 (IN PARIS)

STATION TO STATION
911+11.00 TO 873+09.40 2C
776+47.00 TO 746+37.40 2A



F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VARIOUS	25	12

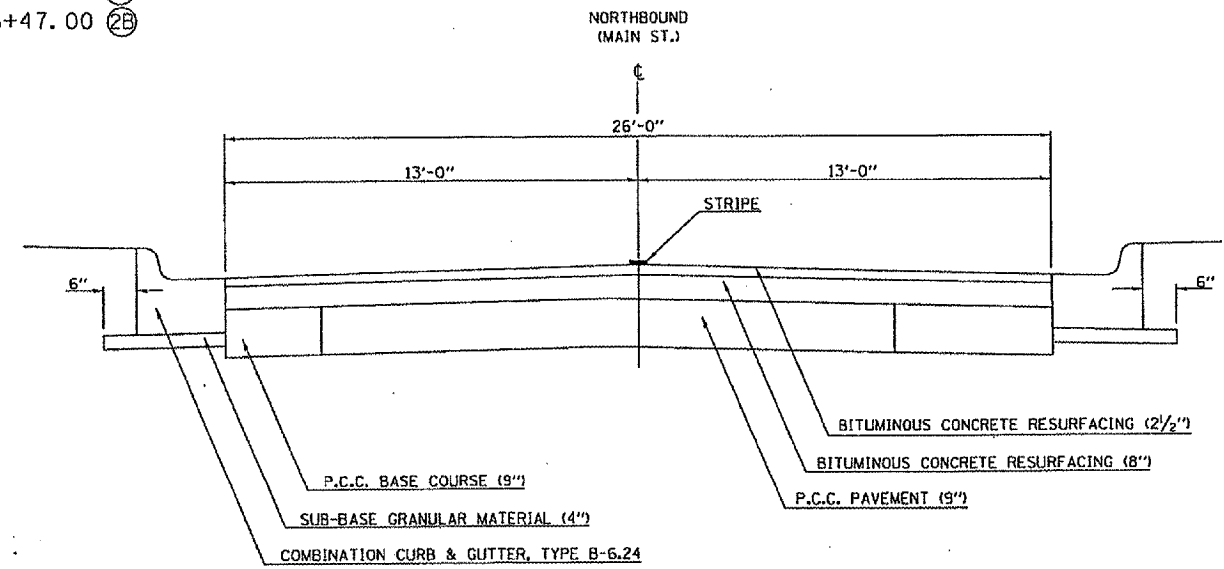
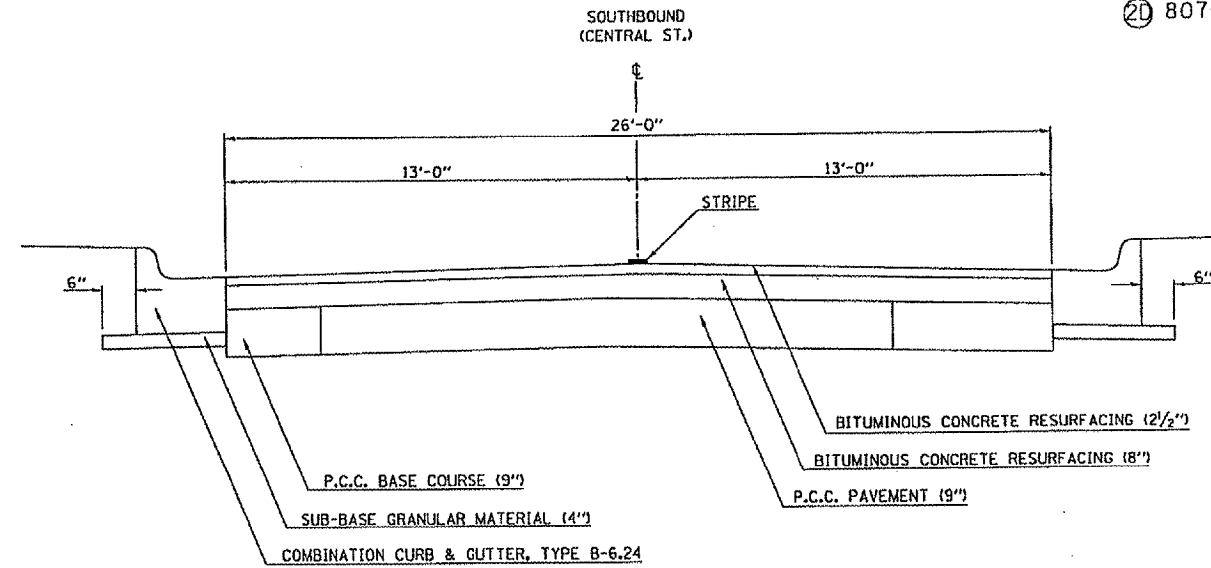
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TYPICAL CROSS SECTION 2C

LOCATION #2

IL RTE. 1 (IN PARIS)

STATION	TO	STATION
873+09.40		823+99.00
807+62.00		776+47.00

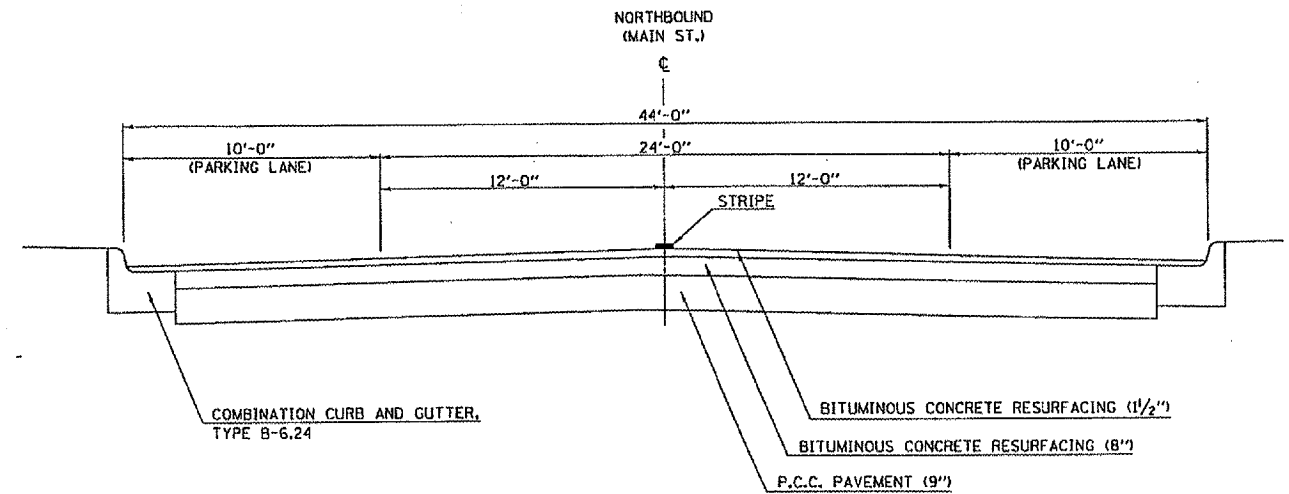
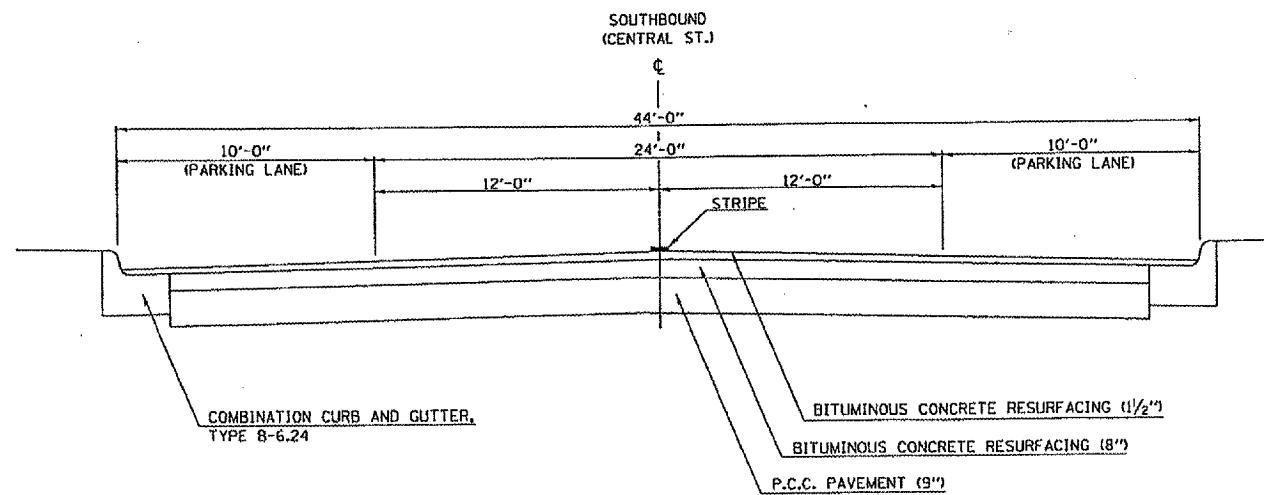


TYPICAL CROSS SECTION 2D

LOCATION #2

IL RTE. 1 (IN PARIS)

STATION	TO	STATION
823+99.00		807+62.20

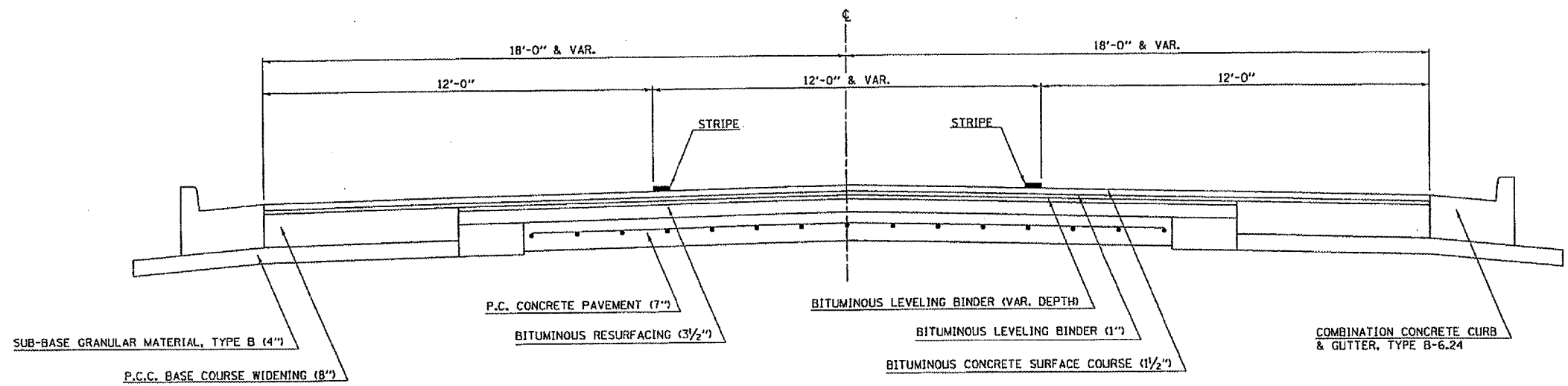


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	13

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TYPICAL CROSS SECTION 3A

LOCATION #3
IL RTE. 130 (IN CHARLESTON)
STATION 131+78.07 TO STATION 155+05.42

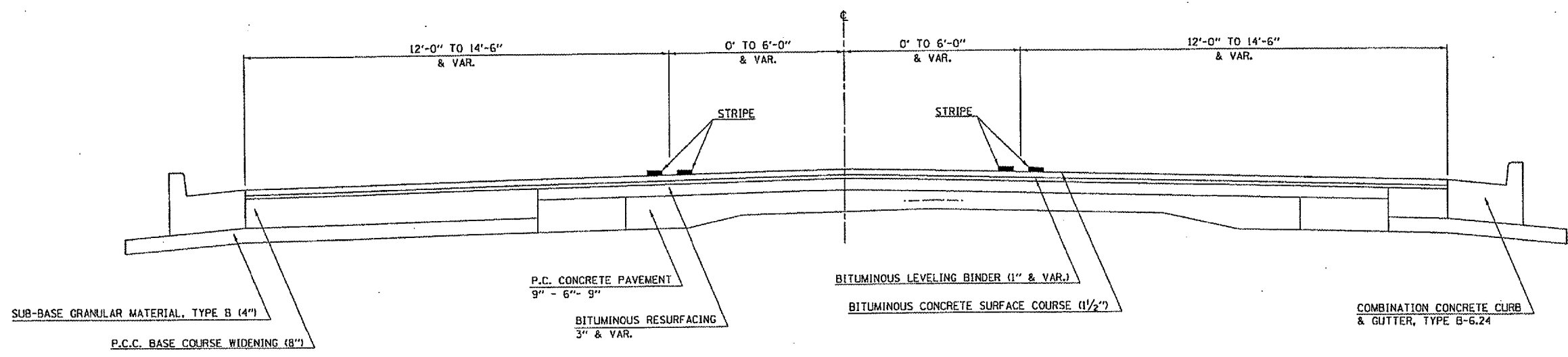


PROJECT OMISSION:
STATION 6+69.62 TO STATION 7+96.78

TYPICAL CROSS SECTION 3B

LOCATION #3
IL RTE. 130 (IN CHARLESTON)
STATION 0+00.00 TO STATION 6+69.62
7+96.78 TO STATION 31+77.93 (BK)
31+80.38 (AH) TO STATION 41+70.50 (3C)
(3C) 45+10.07 TO STATION 109+61.85 (3D)

STATION EQUATION:
STATION 31+80.38 (BK) = STATION 31+80.38 (AH)
STATION 198+30.73 (BK) = STATION 0+00.00 (AH)

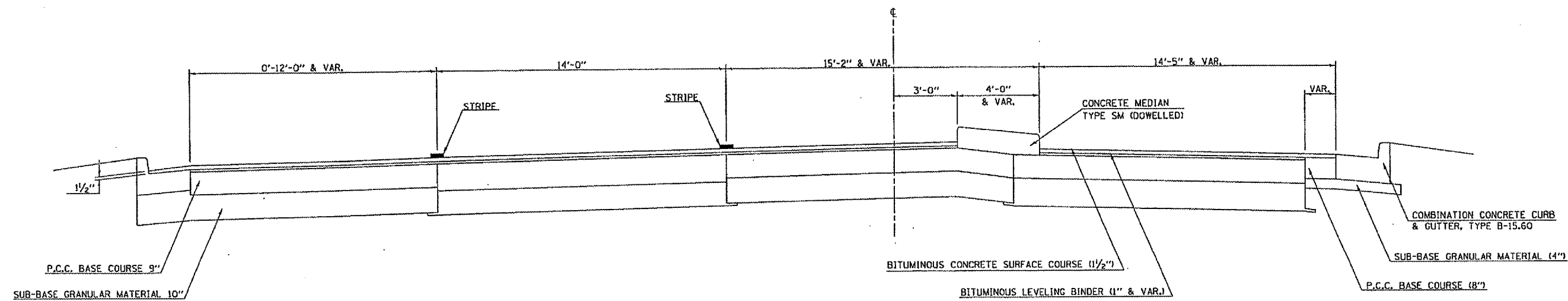


F.A. RY. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VARIOUS	25	14

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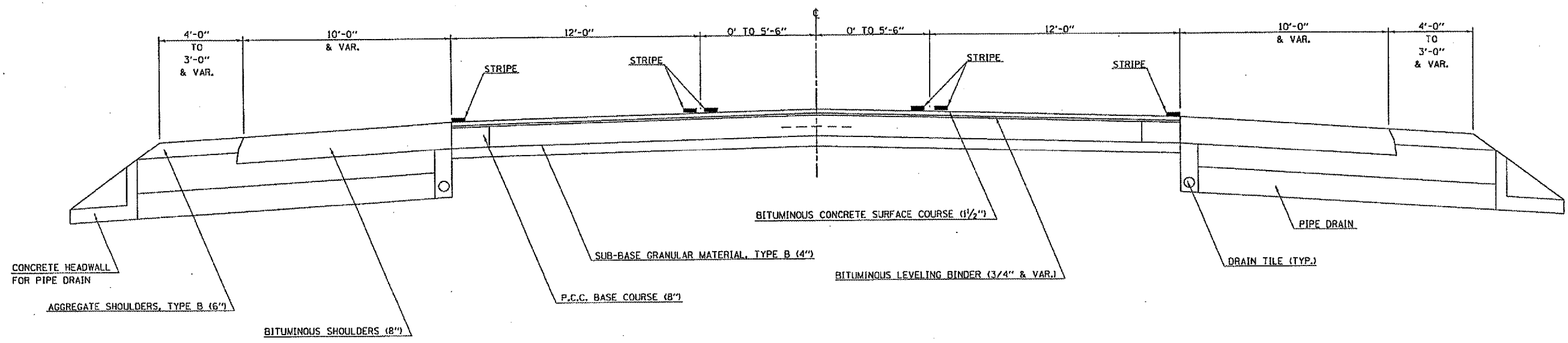
TYPICAL CROSS SECTION 3C

LOCATION #3
IL RTE. 130 (IN CHARLESTON)
STATION 41+70.50 TO STATION 45+10.07



TYPICAL CROSS SECTION 3D

LOCATION #3
IL RTE. 130 (IN CHARLESTON)
STATION 109+61.85 TO STATION 135+00.56



F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	15

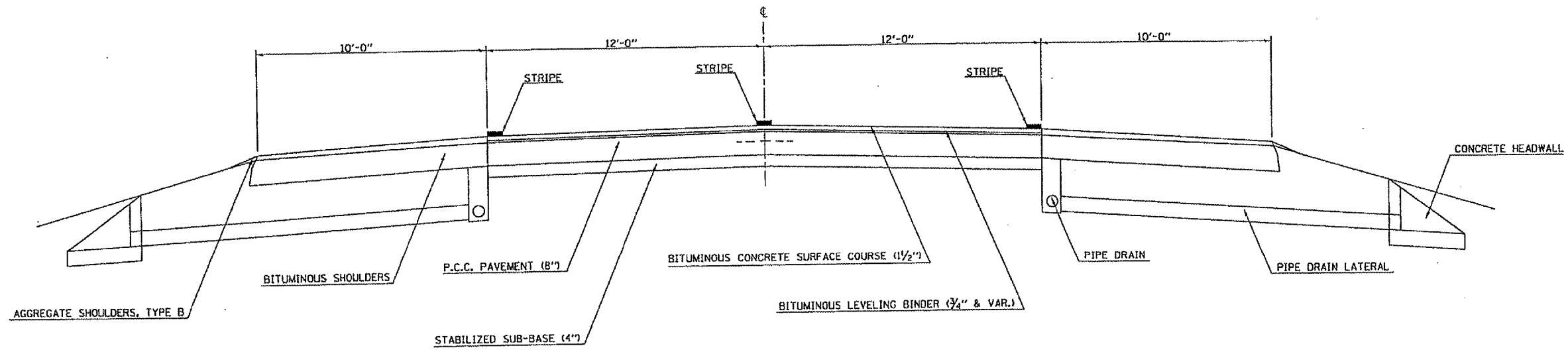
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TYPICAL CROSS SECTION 3E

LOCATION #3

IL RTE. 130 (IN CHARLESTON)

STATION TO STATION
① 135+00.56 142+94.85



F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	-	VARIOUS	25	16

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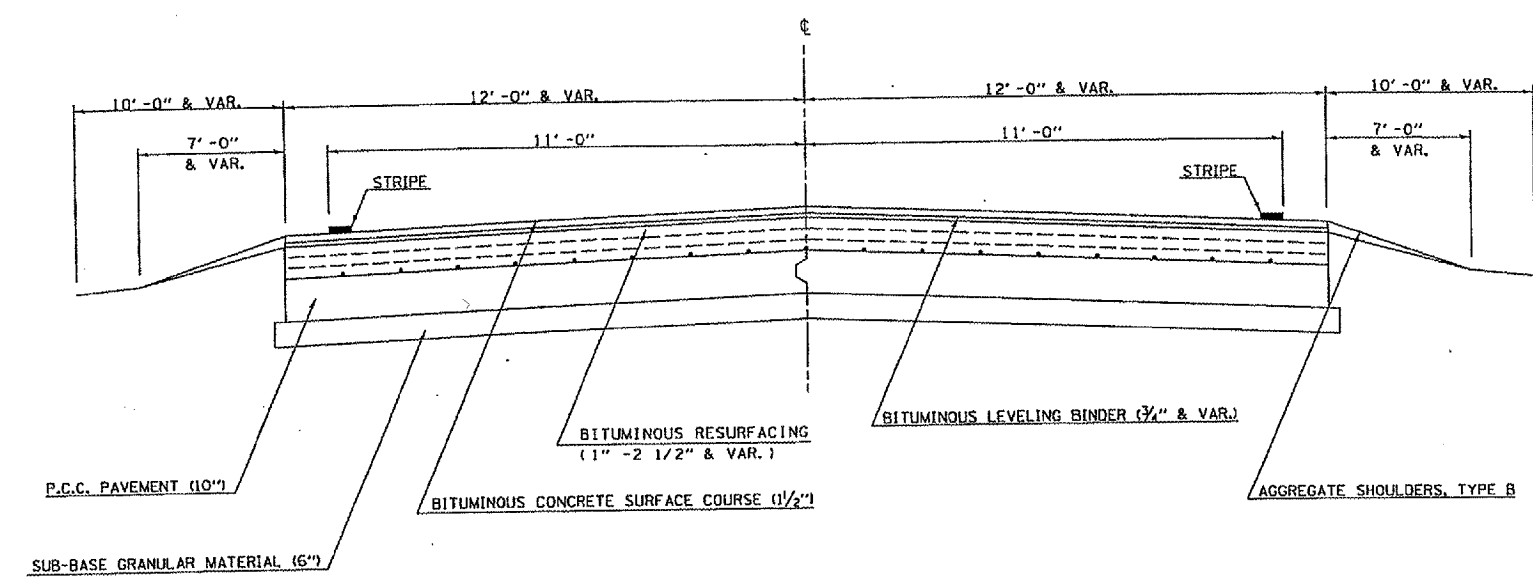
TYPICAL CROSS SECTION 4A

LOCATION #4
U.S. RTE. 40 (CASEY TO INDIANA)

PROJECT OMISSIONS		
STATION	TO	STATION
2810+76.00		2813+13.00
2865+87.00		2867+33.00
3184+65.00		3186+56.00
3299+92.00		3301+23.00
3447+50.00		3460+92.00
3475+70.00		3477+40.00
3566+68.00		3568+52.00
3614+67.00		3617+33.00
3767+85.00		3568+52.00

STATION	TO	STATION	TO	STATION	TO	STATION
2532+00.00		2810+76.00		3406+00.00		3447+50.00
2813+13.00		2865+87.00		3460+92.00		3475+70.00
2867+33.00		2940+90.00 (4B)		3477+40.00		3566+68.00
(4B) 2955+10.00		3184+65.00		3568+52.00		3614+67.00
3186+56.00		3299+92.00		3617+33.00		3767+85.00
3301+23.00		3372+13.00 (4B)		3768+32.00		3836+00.00 (4C)
(4B) 3379+93.00		3406+00.00		(4D) 3867+00.00		3917+94.00 (BK) = 990+57.50 (AH) (4D)

STATION EQUATION:
STA. 3917+94.00 (BK) = STA. 990+57.50 (AH)



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	17

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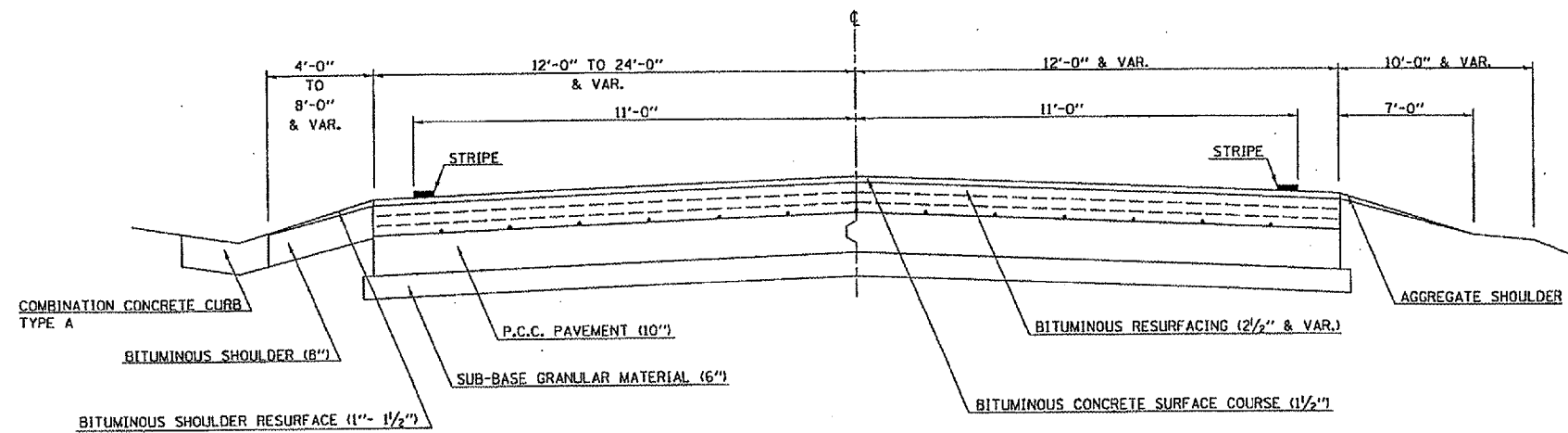
TYPICAL CROSS SECTION (4B)

LOCATION #4

U. S. RTE. 40 (CASEY TO INDIANA)

PROJECT OMISSION:
STATION 2945+59.00 TO STATION 2947+49.00

STATION	TO	STATION
④A 2940+90.00		2945+59.00
2947+49.00		④A 2955+10.00
④A 3372+13.00		3379+93.00 ④A

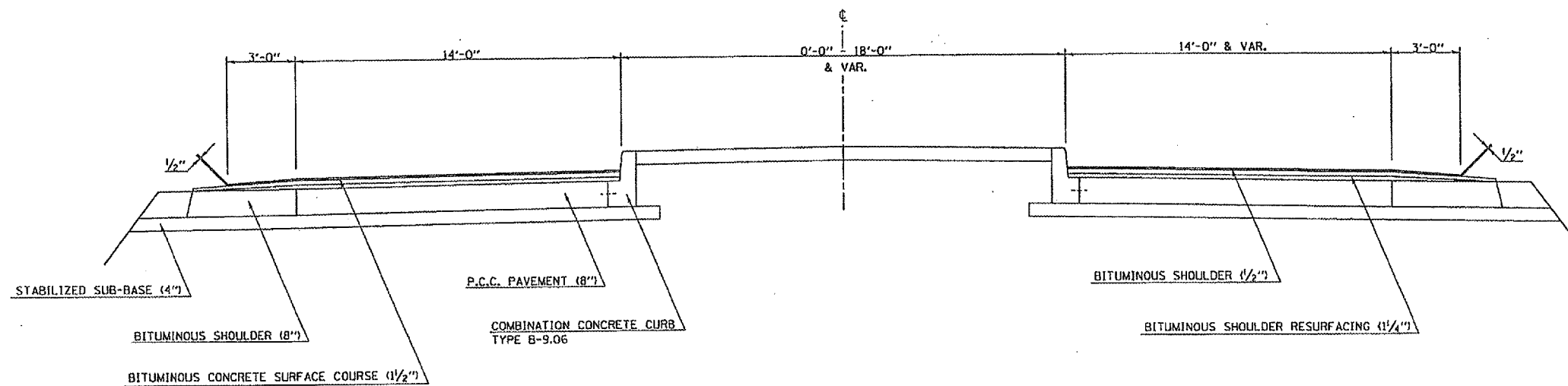


TYPICAL CROSS SECTION (4C)

LOCATION #4

U. S. RTE. 40 (CASEY TO INDIANA)

STATION	TO	STATION
④A 3836+00.00		3847+65.00
3850+65.00		④D 3862+84.00



F.A. RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	-	VARIOUS	25	18

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CONTRACT NO. 70450

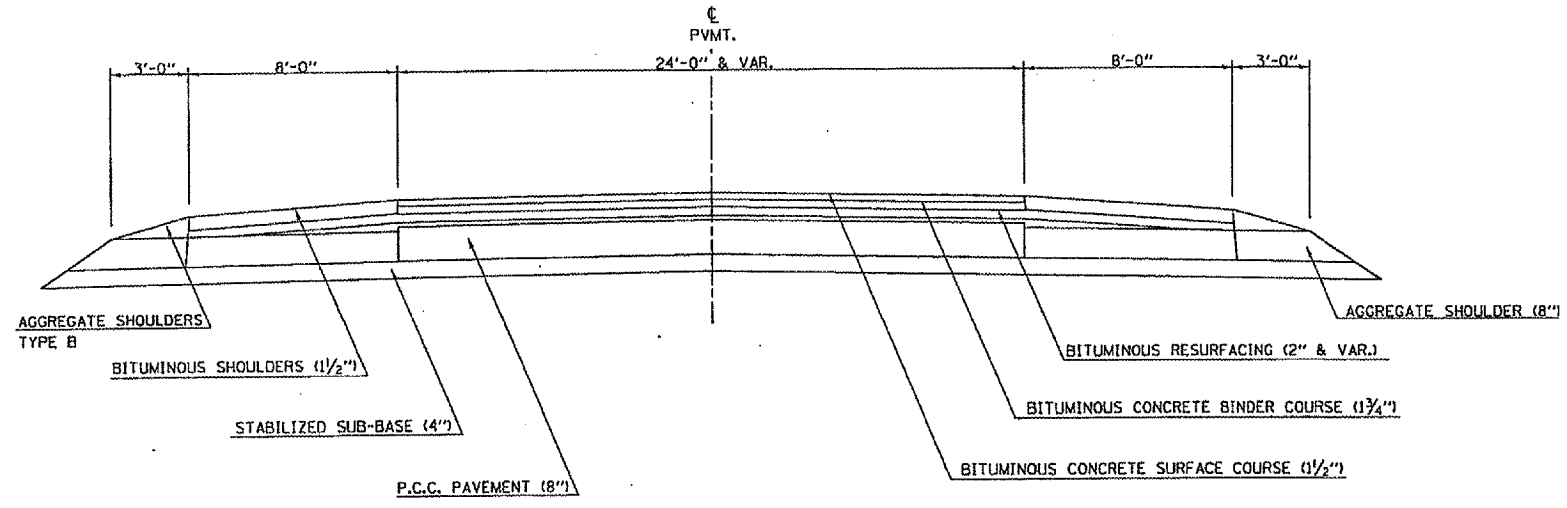
TYPICAL CROSS SECTION 4D

PROJECT OMISSION:
STATION 3847+65.00 TO STATION 3850+65.00

LOCATION #4
U.S. RTE. 40 (CASEY TO INDIANA)

STATION EQUATION:
STATION 3917+94.00 (BK) = STATION 990+57.50 (AH)

STATION TO STATION
 4C 3862+85.00 3867+00.00 4A
 4A 3917+94.00 (BK) = 990+57.50 (AH) TO 1010+80.00



F.A. SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	19

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CONTRACT NO. 70450

TYPICAL CROSS SECTION 5A

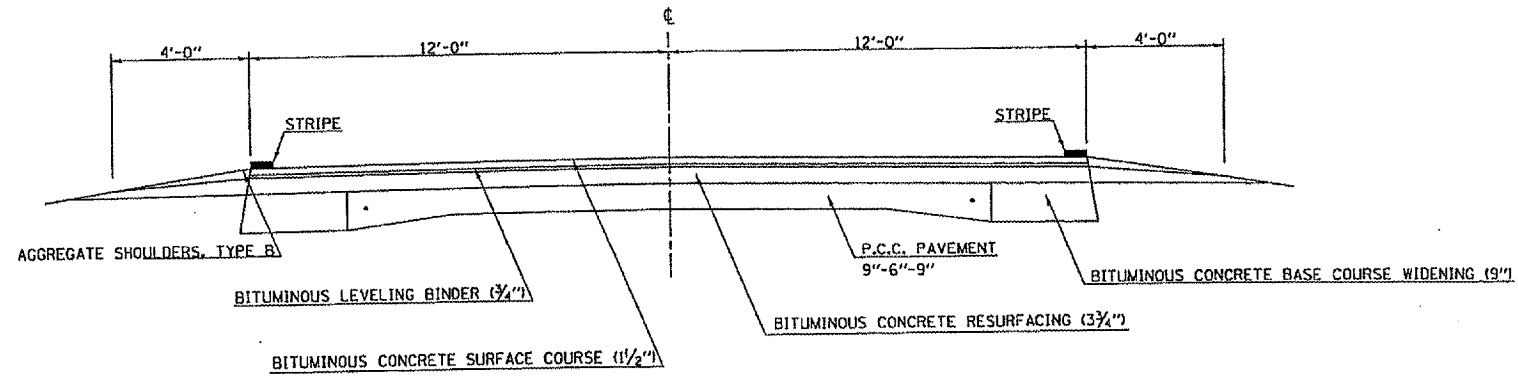
LOCATION #5

IL RTE. 49 (IL RTE. 16 TO F.A.I. 70)

PROJECT OMISSION:
STATION 593+60.00 TO STATION 595+52.00

STATION	TO	STATION	
90+82.00		495+85.00	5B
507+85.00		574+75.00 (BK)	5B
575+25.00 (AH)		593+60.00	
592+52.00		602+44.00	5B
612+26.50		615+02.00 (BK)	5B
614+52.00 (AH)		823+47.00	5B
834+48.60		845+28.00	5C
848+35.00		881+41.00	

STATION EQUATION:
STATION 574+75.00 (BK) = STATION 575+25.00 (AH)
STATION 615+02.00 (BK) = STATION 614+52.00 (AH)



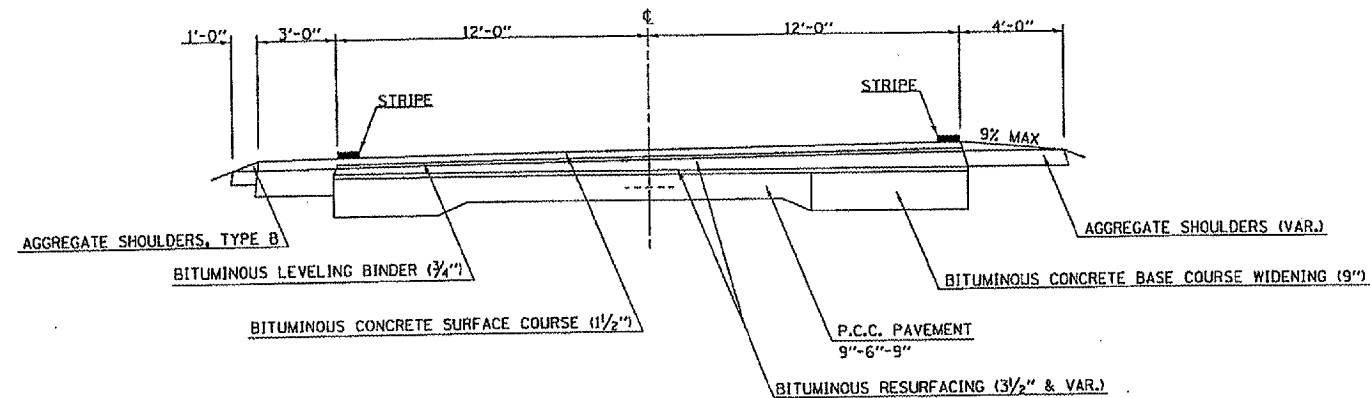
TYPICAL CROSS SECTION 5B

LOCATION #5

IL RTE. 49 (IL RTE. 16 TO F.A.I. 70)

PROJECT OMISSION:
STATION 502+91.02 TO STATION 503+57.02

STATION	TO	STATION	
495+85.00		502+91.02	5A
503+57.02		507+85.00	5A
602+44.00		612+26.50	5A
823+47.00		834+48.60	5A



TYPICAL CROSS SECTION 5C

LOCATION #5

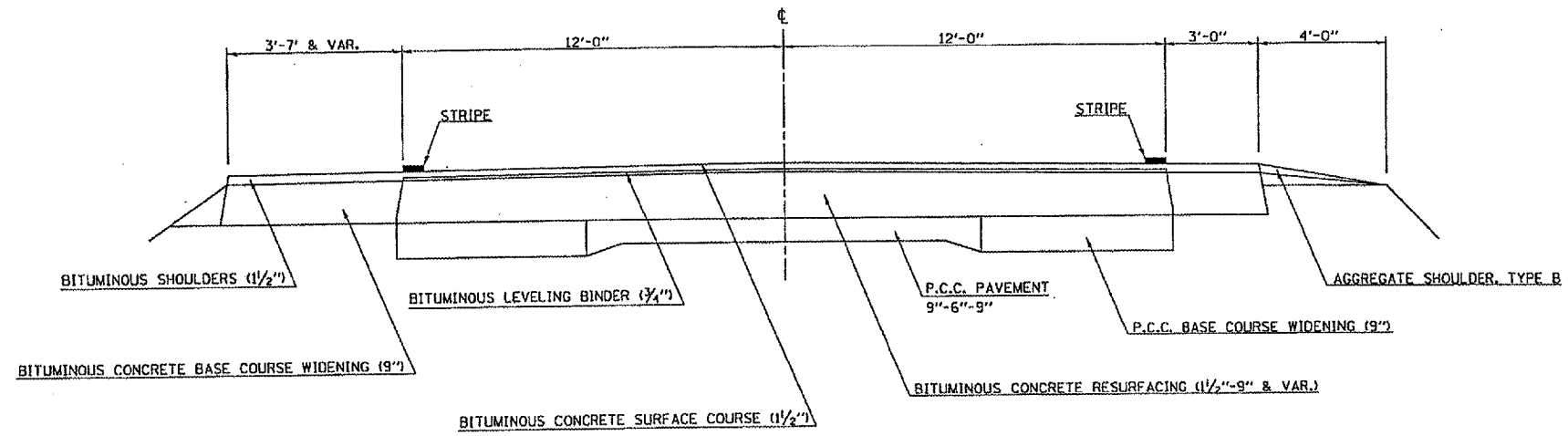
IL RTE. 49 (IL RTE. 16 TO F.A.I. 70)

PROJECT OMISSION:
STATION 846+80.67 TO STATION 847+85.33

	STATION	TO	STATION	
5A	845+28.00		846+80.67	5C
5C	847+85.33		848+35.00	5A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	20

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	21

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SCHEDULE OF QUANTITIES

LOCATION OF WORK: VARIOUS ROUTES
D-5 CONTRACT MAINT 2005-11
VARIOUS COUNTIES

IL RTE. 1
VERMILION CO.
RURAL
100% STATE
ROUT & SEAL

IL RTE. 1
EDGAR CO.
RURAL
100% STATE
ROUT & SEAL

IL RTE. 1
EDGAR CO.
RURAL
100% STATE
ROUT & SEAL

IL RTE. 1
EDGAR CO.
URBAN
100% STATE
ROUT & SEAL

IL RTE. 130
COLES CO.
URBAN
100% STATE
ROUT & SEAL

U.S. RTE. 40
CLARK CO.
RURAL
100% STATE
ROUT & SEAL

IL RTE. 49
COLES CO.
RURAL
100% STATE
ROUT & SEAL

LOCATION:

LOCATION * 1

LOCATION * 1

LOCATION * 2

LOCATION * 2

LOCATION * 3

LOCATION * 4

LOCATION * 5

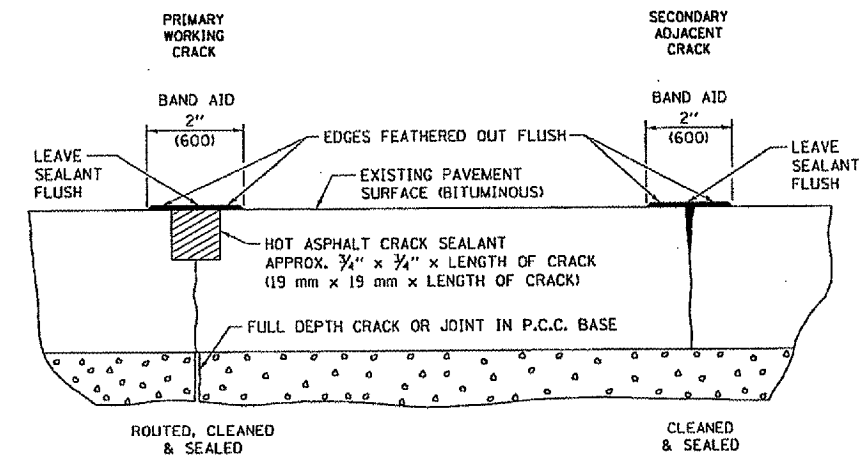
CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
45100100	CRACK ROUTING (PAVEMENT)	FOOT	549,250.0	523.0	141,269.0	28,233.0	124,272.0	49,864.0	178,486.0	26,603.0
45100200	CRACK FILLING	POUND	219,700.0	210.0	56,510.0	11,290.0	49,710.0	19,950.0	71,390.0	10,640.0
67100100	MOBILIZATION	L SUM	1.0	0.0	0.3	0.1	0.2	0.1	0.3	0.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.0	0.3	0.1	0.2	0.1	0.3	0.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.0	0.0	0.3	0.1	0.2	0.1	0.3	0.0
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	53,841.0	0.0	16,152.0	1,615.0	0.0	0.0	30,690.0	5,384.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	0.0	0.2	0.0	0.4	0.4	0.0	0.0

* SPECIALTY ITEMS

F.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	22

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 CONTRACT NO. 70450

TYPICAL DETAILS FOR CRACK SEALING FOR BITUMINOUS PAVEMENT



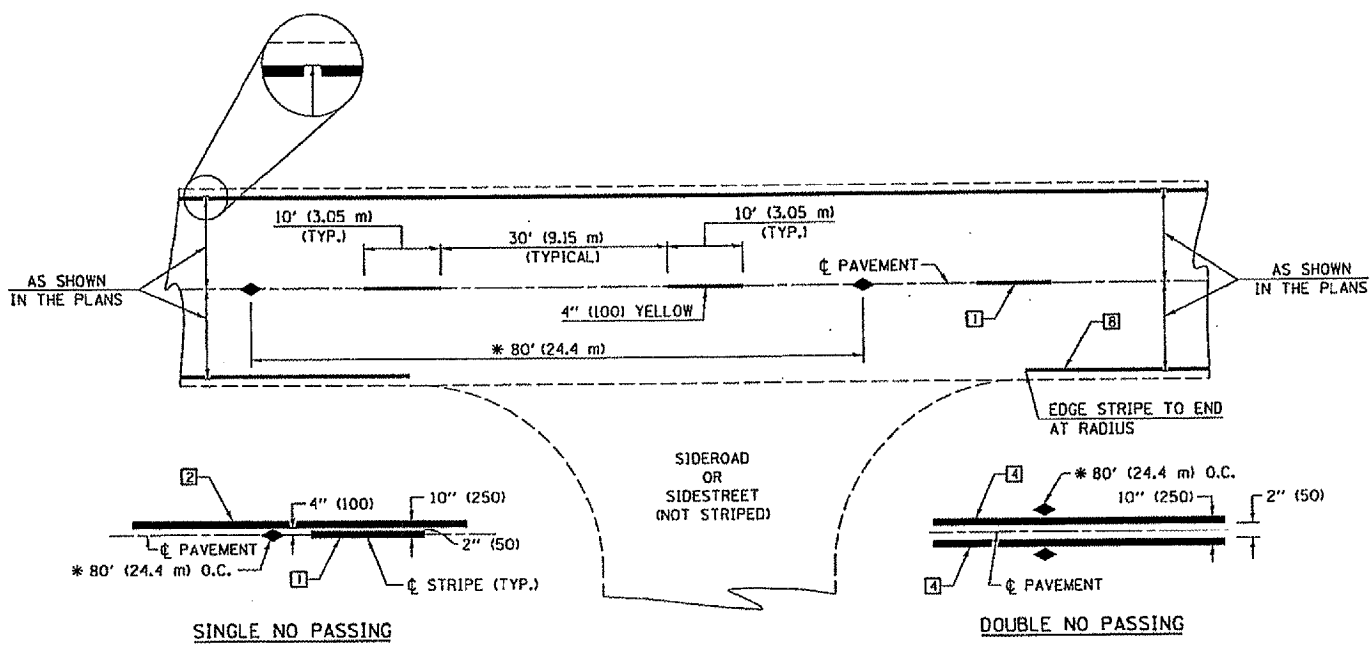
	NAME	DATE	REVISIONS	
			NAME	DATE
DESIGNED	SPRG.	04/90	K.A.G.	04/04
CHECKED	J.H.M.	05/90		
CADD NO.	X-2.05			

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
 UNLESS OTHERWISE SHOWN.

F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VARIOUS	25	23

D-5 CONTRACT MAINT 2005-11
CONTRACT NO. 70450

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

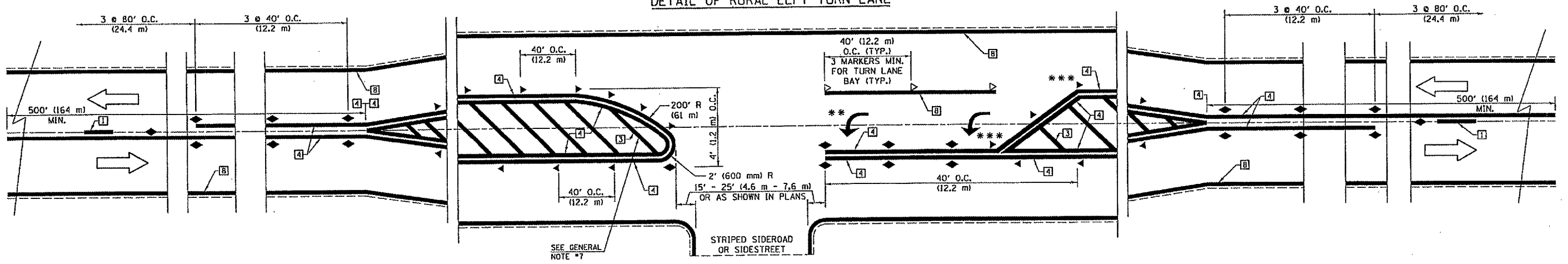
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) CROSS WALK (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

DETAIL OF RURAL LEFT TURN LANE



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

SHEET 1 OF 3

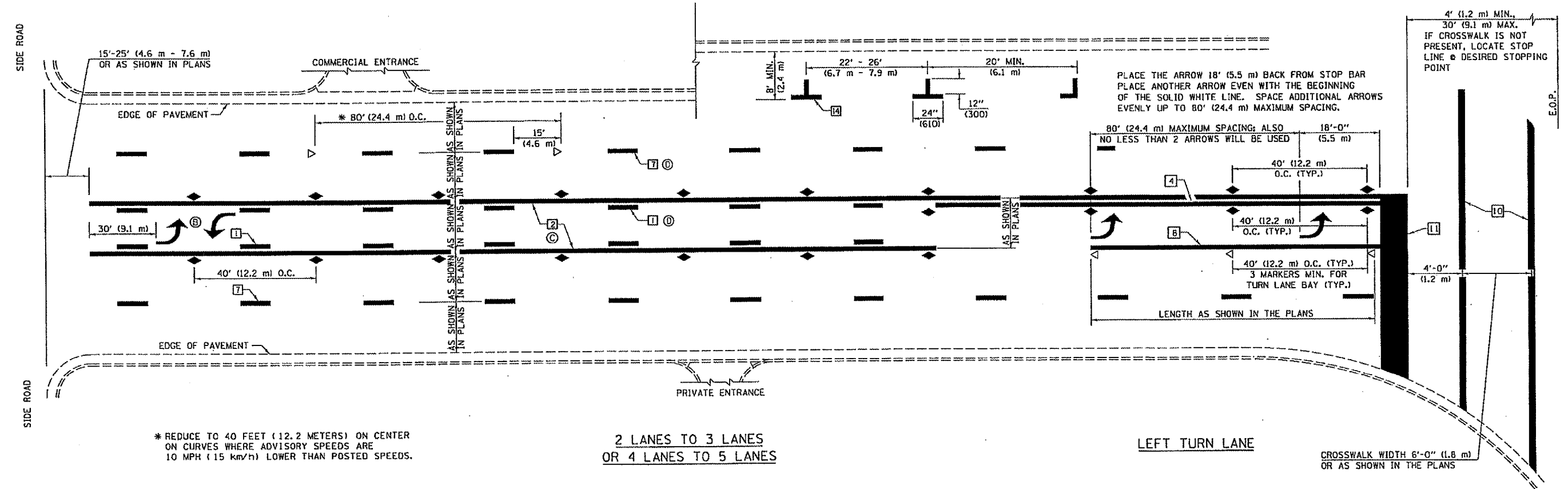
DESIGNED	NAME	DATE	REVISIONS	DATE
J.M.H.		5/85		
FNS		6/85		
CDD NO.	F-5.25			

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	25	24

D-5 CONTRACT MAINT 2005-11
CONTRACT NO. 70450

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

2 LANES TO 3 LANES
OR 4 LANES TO 5 LANES

LEFT TURN LANE

CROSSWALK WIDTH 6'-0" (1.8 m)
OR AS SHOWN IN THE PLANS

SHEET 2 OF 3

	NAME	DATE	REVISIONS
DESIGNED	J.M.H.	5/85	
CHECKED	FMS	6/85	GEOMETRICS/K.A.G.
CADD NO.	F-5.25		K.A.G.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

