

PROJECT ENGINEER: **TIM BRANDENBURG** (217)465-4181
 SQUAD LEADER: **JEFF SHERER**
 DESIGNER: **RANDY AUSTIN**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

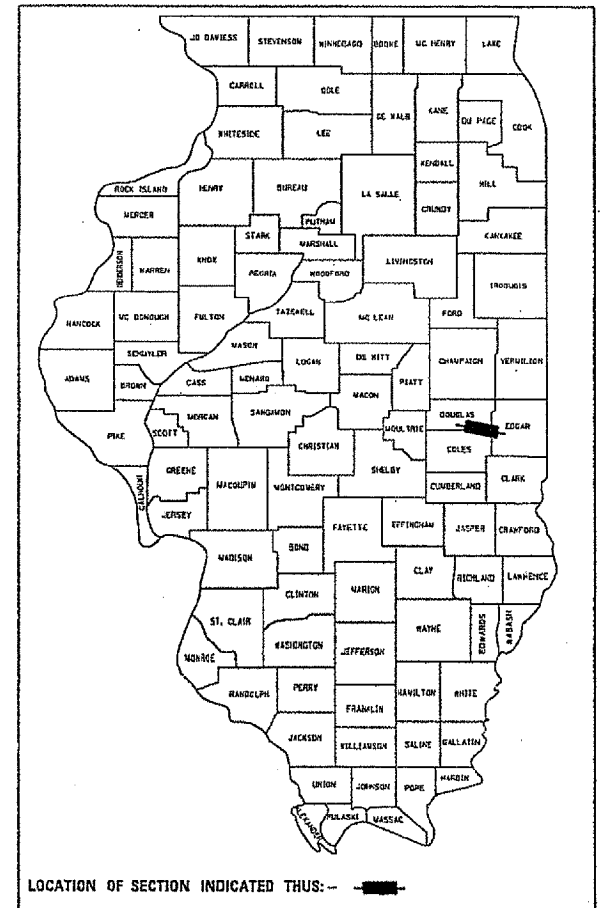
PLANS FOR PROPOSED
HIGHWAY IMPROVEMENT
F.A.P. ROUTE 749 (IL ROUTE 133)
SECTION 122RS-3
DOUGLAS, COLES & EDGAR COUNTIES

PROJECT F-0749(016)
RESURFACING (3P) FROM 0.8 MILES EAST OF HINDSBORO ECL TO IL 49
C-95-104-95

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	#	54	1

* DOUGLAS, COLES, EDGAR
CONTRACT NO. 90769

D-95-060-95



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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 SUBMITTED *JAN 25 20 05*
 DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

 20 _____
 ENGINEER OF DESIGN AND ENVIRONMENT

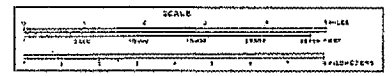
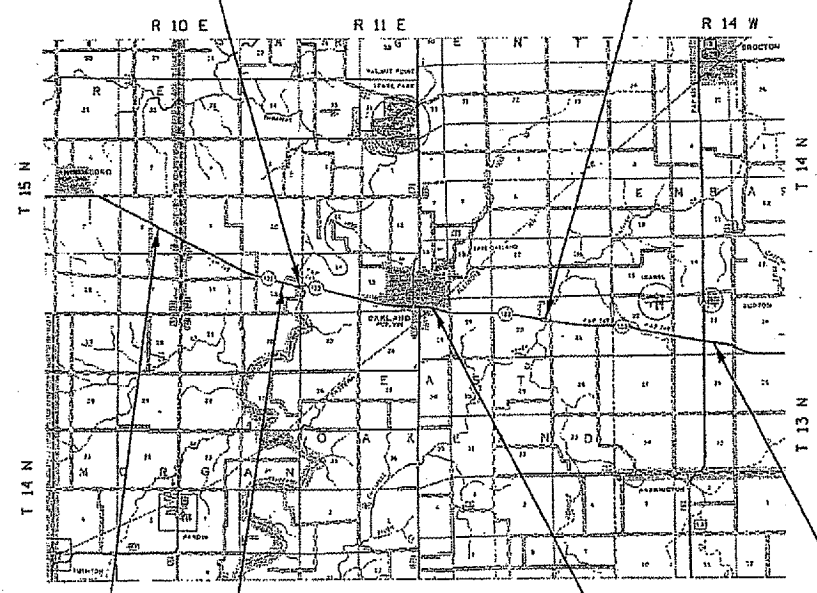
 20 _____
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

PLAN 1:50
 PROFILE HORIZ. 1:20
 PROFILE VERT. 1:20

SN #015-0030, OMISSION
 711+49.3 TO 714+69.8

SN #015-0031, OMISSION
 932+44 TO 934+56



CURRENT TRAFFIC DATA		
	HINDSBORO TO IL 49	THRU OAKLAND
CURRENT ADT =	2,200	3,200
20 YR ADT =	2,500	3,500
PU & PC % =	82.8	85.3
SU % =	5.4	7.8
MU % =	11.8	6.9

DESIGN DESIGNATION
MINOR ARTERIAL

SECTION BEGINS
 STA. 550+21

SECTION ENDS
 STA. 1080+50

STA. EQN: 709+94.5 (BK)
 = 710+00 (AH)

RR OMISSION EASTERN ILLINOIS RR CO.
 STA. 829+52.3 TO STA. 829+63.1

TOTAL LENGTH OF SECTION & PROJECT = 63,023.50 FEET = 10.042 MILES
 NET LENGTH OF SECTION & PROJECT = 52,480.20 FEET = 9.939 MILES

CONTRACT NO. 90769

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX OF SHEETS/ APPLICABLE HIGHWAY STANDARDS
3	GENERAL NOTES
4-5	SUMMARY OF QUANTITIES
6-11	EXISTING TYPICAL CROSS-SECTIONS
12-17	PROPOSED TYPICAL CROSS-SECTIONS
18-24	SCHEDULES OF QUANTITIES
25-43	PLAN VIEW FAP ROUTE 749 (ILL 133)
44	EIRC AT GRADE MILLING DETAIL
45	DETAIL OF BITUMINOUS SURFACE REMOVAL-BUTT JOINT
45	DETAIL OF MILLING TRANSITION FROM 3/4" TO 1 1/2"
46	DETAIL OF BITUMINOUS SURFACE REMOVAL-BUTT JOINT FOR EIRC CROSSING
47	DETAIL OF PRIVATE, COMMERCIAL, FIELD, AND MBTO ENTRANCES
48	CONCRETE ENTRANCE OR SIDEROAD DETAIL
49	DETAIL OF PAVEMENT PATCHING (PARTIAL DEPTH)
50-52	TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS
53	PAVEMENT MARKING DETAILS
54	DETAIL OF TYPICAL PAINTED ISLAND

LIST OF STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
442201-01	CLASS C AND D PATCHES
482001	BITUMINOUS SHOULDERS ADJACENT TO FLEXIBLE PAVEMENT
701006-02	TRAFFIC CONTROL AND PROTECTION
701201-02	TRAFFIC CONTROL AND PROTECTION
701301-02	TRAFFIC CONTROL AND PROTECTION
701306-01	TRAFFIC CONTROL AND PROTECTION
701311-02	TRAFFIC CONTROL AND PROTECTION
701501-03	TRAFFIC CONTROL AND PROTECTION
702001-05	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS,
001006	DECIMAL OF INCH AND OF A FOOT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* DOUGLAS, COLES & EDGAR				
CONTRACT NO. 90769				

GENERAL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* DOUGLAS, COLES & EDGAR CONTRACT NO. 90769				

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. -105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G. N. -107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

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 CONTACT PERSON FOR FLAGGERS IS:

Mr. Marvin Abernathy
Supervisor Maintenance of Way
Eastern Illinois Railroad Company
P.O. Box 1132
Charleston, IL 61920
217-345-4832 (Office)

G. N. -406
THE QUANTITIES INCLUDED IN THE PLANS FOR BITUMINOUS CONCRETE RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE BITUMINOUS MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G. N. -406D
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G. N. -406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	IL Route 133	IL Route 133
Mixture Use(s):	Surface, Level Binder & Incidental	Partial Depth & Class D Patch
AC/PG:	PG 64-22	PG 64-22
RAP %: (Max)**	15	25
Design Air Voids:	4.0% @ Ndes=50	4.0% @ Ndes=50
Mixture Composition: (Gradation Mixture)	IL 9.5	IL 19.0
Friction Aggregate:	Mix C	N. A.

G. N. -442B -- PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G. N. -442C -- PARTIAL DEPTH PATCHING DIMENSIONS
FOR PARTIAL DEPTH PAVEMENT PATCHING, THE MINIMUM SIZE OF ANY PATCH SHALL BE 4 FT BY 4 FT. IF THE REPAIR OF ANY SMALLER AREAS IS REQUIRED, THAT WORK SHALL BE DESIGNATED AS *PAVEMENT CLEANING* AND WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

G. N. -781
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN.
THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G. N. -1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

G. N. -1004.03
REVISE ARTICLE 1004.03 (c) NOTE 5/ OF THE STANDARD SPECIFICATIONS TO READ:

'5/ GRADATION CA-16 SHALL BE USED IN LIEU OF CA-13 WHEN THE SURFACE COURSE IS LESS THAN 1 3/4 INCHES IN THICKNESS. CA-13 OR CA-16 MAY BE USED WHEN THE SURFACE COURSE IS 1 3/4 INCHES OR MORE IN THICKNESS.'

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* DOUGLAS, COLES & EDGAR				
CONTRACT NO. 90769				

LOCATION OF WORK: FAP 749 (IL ROUTE 133)
SECTION 122RS-3
DOUGLAS, COLES, EDGAR COUNTY

	FAP ROUTE 749 (IL 133) DOUGLAS COUNTY STA 550+20.6 TO STA 709+94.5 BK 80% FED 20% STATE 1000	FAP ROUTE 749 (IL 133) COLES COUNTY STA 710+00 .00 TO STA 991+50.5 80% FED 20% STATE 1000	FAP ROUTE 749 (IL 133) EDGAR COUNTY STA 991+50.5 TO STA 1080+50 80% FED 20% STATE 1000
	EDGAR		
			FAP ROUTE 749 (IL 133) IL RTE. 49 STA 31+19 TO STA 59+50.66 80% FED 20% STATE 1000-1A

CONSTRUCTION TYPE CODE:

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	18,867.0	5320.0	9056.0	2967.0	1524.0
40600300	AGGREGATE (PRIME COAT)	TON	378.0	106.0	182.0	59.0	31.0
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	844.0	87.0	496.0	87.0	174.0
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	103.0	0.0	103.0	0.0	0.0
40600990	TEMPORARY RAMP	SQ YD	154.0	14.0	98.0	14.0	28.0
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	425.0	81.0	278.0	59.0	7.0
40800030	AGGREGATE (PRIME COAT)	TON	10.0	2.0	6.0	1.0	1.0
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	357.5	68.5	233.9	49.7	5.4
44000003	BITUMINOUS SURFACE REMOVAL 3/4"	SQ YD	185,248.0	53246.3	84256.4	32507.0	15238.3
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	9,402.0	0.0	6175.0	1181.0	2046.0
44000025	BITUMINOUS SURFACE REMOVAL (SPECIAL)	SQ YD	2,173.0	434.0	1357.0	318.0	64.0
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	26.0	0.0	26.0	0.0	0.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	4,343.0	1290.0	2149.0	904.0	0.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3.0	0.0	3.0	0.0	0.0
67100100	MOBILIZATION	L SUM	1.0	0.1	0.8	0.1	0.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	0.1	0.8	0.1	0.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.1	0.8	0.1	0.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	0.0	1.0	0.0	0.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	27,122.0	6390	14983.2	4024.0	1724.8
70300610	TEMPORARY PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	310.0	0.0	122.0	94.0	94.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	150,310.0	36852.0	69339.0	30607.0	13512.0
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	750.0	0.0	0.0	361.0	389.0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2,148.0	0.0	0.0	1104.0	1044.0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	176.0	0.0	72.0	52.0	52.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,260.0	532.0	1249.0	335.0	144.0

SUMMARY OF QUANTITIES (CONTD.)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	5
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* DOUGLAS, COLES & EDGAR CONTRACT NO. 90769				

LOCATION OF WORK: FAP 749 (IL ROUTE 133)
SECTION 122RS-3
DOUGLAS, COLES, EDGAR COUNTY

	EDGAR		
FAP ROUTE 749 (IL 133) DOUGLAS COUNTY STA 550+20.6 TO STA 709+94.5 BK 80% FED 20% STATE 1000	FAP ROUTE 749 (IL 133) COLES COUNTY STA 710+00 .00 TO STA 991+50.5 80% FED 20% STATE 1000	FAP ROUTE 749 (IL 133) EDGAR COUNTY STA 991+50.5 TO STA 1080+50 80% FED 20% STATE 1000	FAP ROUTE 749 (IL 133) IL RTE. 49 STA 31+19 TO STA 59+50.66 80% FED 20% STATE 1000-IA

CONSTRUCTION TYPE CODE:

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
• 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	50 FT	310.0	0.0	122.0	94.0	94.0
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21,728.0	0.0	0.0	10829.0	10899.0
• 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	750.0	0.0	0.0	389.0	361.0
• 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,148.0	0.0	0.0	1104.0	1044.0
• 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	104.0	0.0	0.0	52.0	52.0
• 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	128,582.0	36852.0	69339.0	19778.0	2613.0
• 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	811.0	200.0	343.0	167.0	101.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	781.0	200.0	341.0	164.0	76.0
X4032500	BITUMINOUS MATERIALS COVER & SEAL COAT SPECIAL	GALLON	2011.0	201.1	1407.7	402.2	0.0
X4040100	SEAL COAT AGGREGATE SPECIAL	TON	30.0	3.0	21.0	6.0	0.0
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	15,848.0	4468.0	7608.0	2492.0	1280.0
X4066765	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	TON	7,585.0	2234.0	3541.0	1278.0	532.0
X4401705	PARTIAL DEPTH REMOVAL	50 YD	1,683.0	775.0	701.0	161.0	46.0
Z0004800	BITUMINOUS MIXTURE FOR PATCHING	TON	835.0	379.0	337.0	79.0	40.0
Z0010900	COLD MILLING (SPECIAL)	FOOT	1,022.0	0.0	1022.0	0.0	0.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	0.0	1.0	0.0	0.0

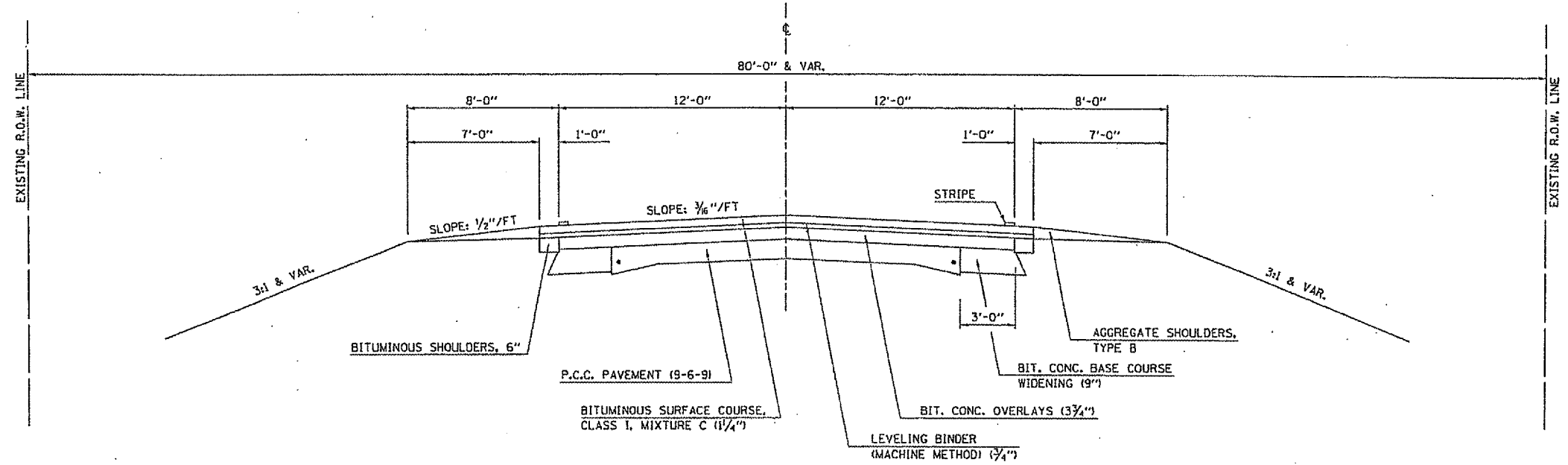
• SPECIALTY ITEMS

EXISTING TYPICAL SECTION

STATION	TO	STATION
550+20.6		702+23
729+40		796+00
802+75		811+09
821+30.5		833+00
835+65		914+00
(BRIDGE) 934+56		946+07

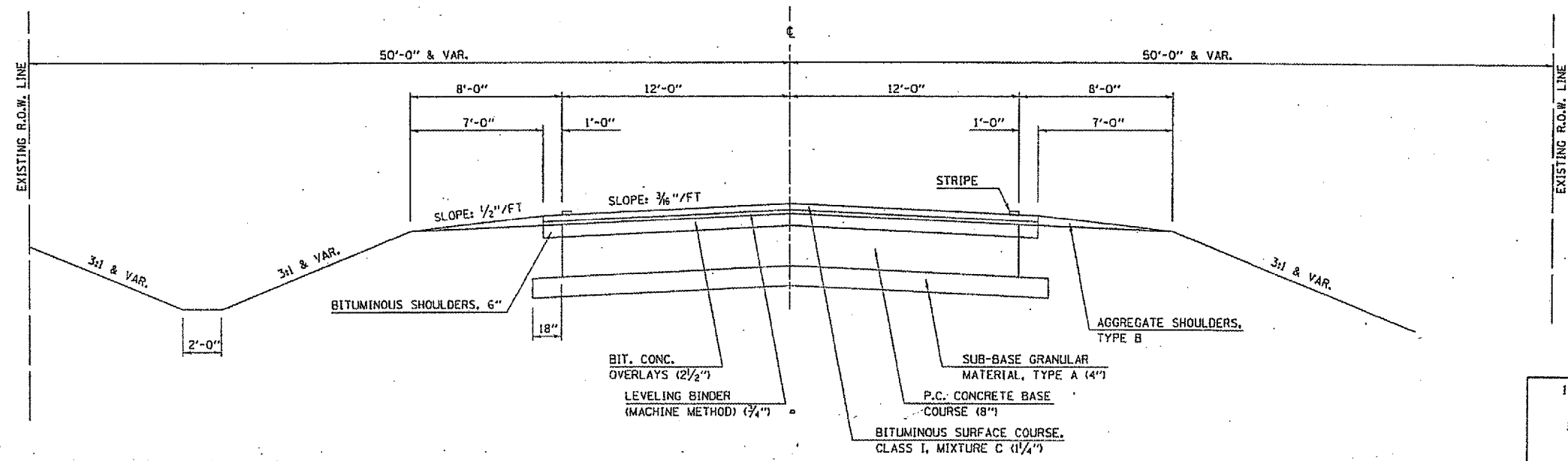
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	-	54	6

• DOUGLAS, COLES & EDGAR
CONTRACT NO. 90769



EXISTING TYPICAL SECTION

STATION	TO	STATION
(BRIDGE) 714+69.81		729+40



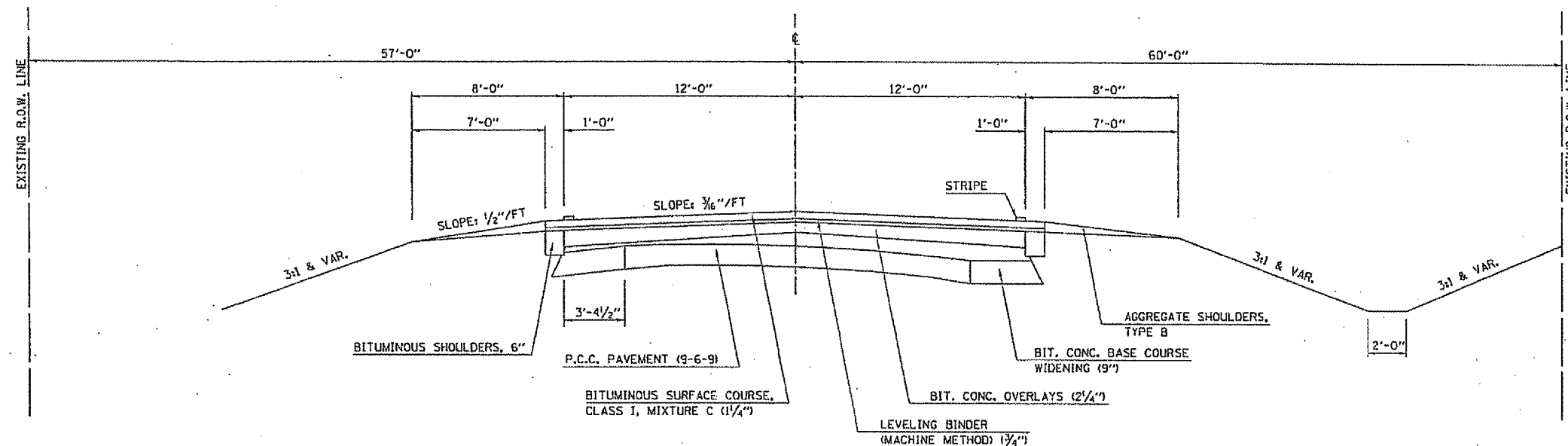
ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TYPICAL SECTIONS
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY.
 SCALE: DO NOT SCALE
 DATE: 04/29/04
 DRAWN BY: CADD
 CHECKED BY:

EXISTING TYPICAL SECTION

STATION TO STATION
702+23 711+49.33 (BRIDGE)

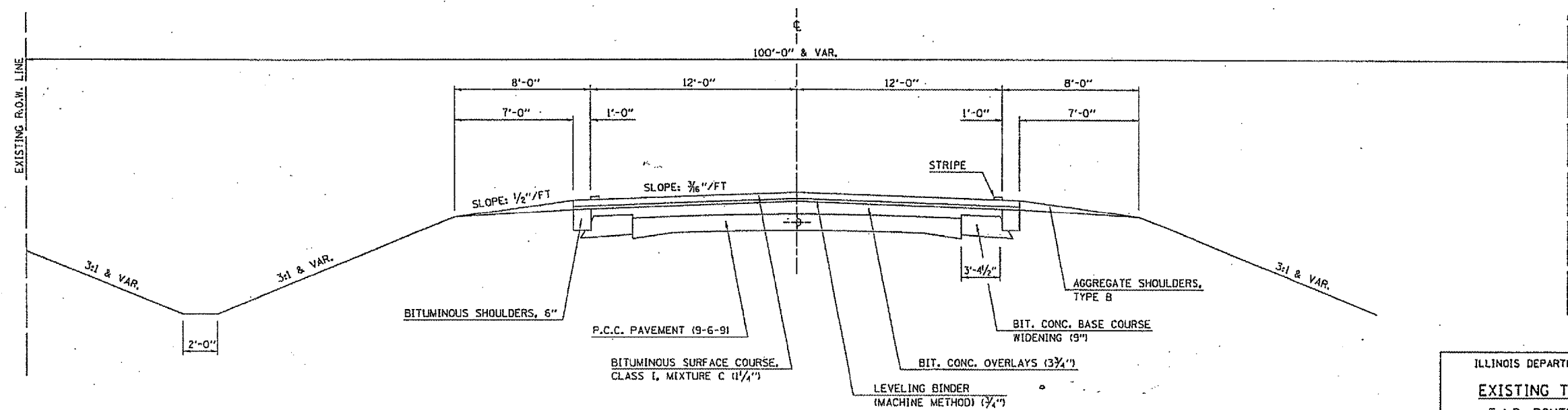
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749	122RS-3		54	7

• DOUGLAS, COLES & EDGAR
CONTRACT NO. 90769



EXISTING TYPICAL SECTION

STATION TO STATION
914+00 932+44 (BRIDGE)



ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TYPICAL SECTIONS
F.A.P. ROUTE 749 (IL RTE 133)
SECTION 122RS-3
DOUGLAS, COLES & EDGAR COUNTY

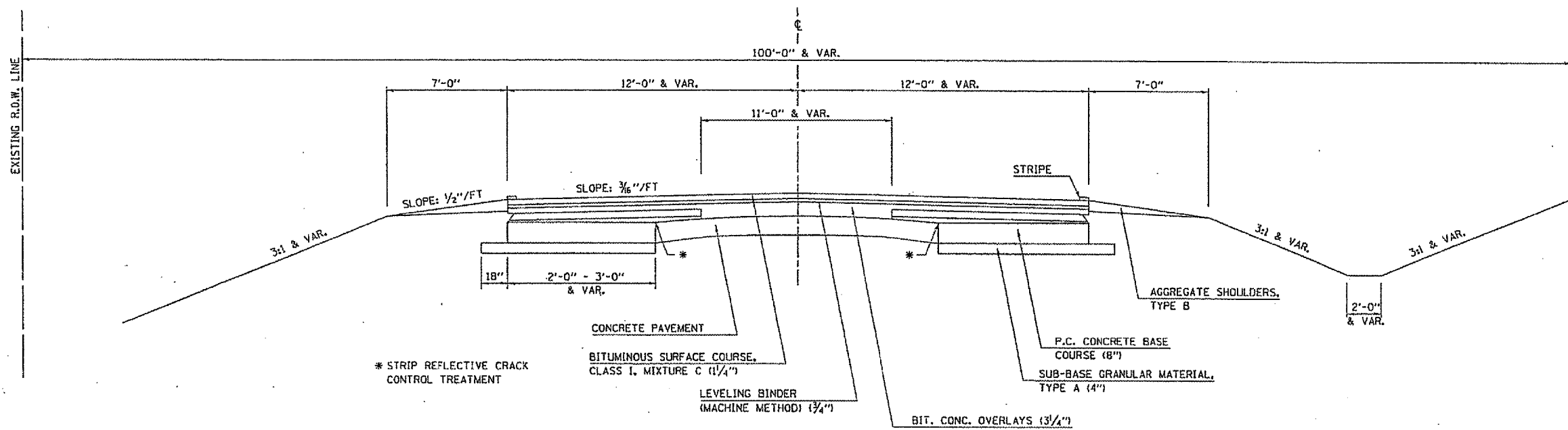
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EXISTING TYPICAL SECTION

STATION TO STATION
 1059+12.07 1080+50.00
 31+19.00 59+50.66

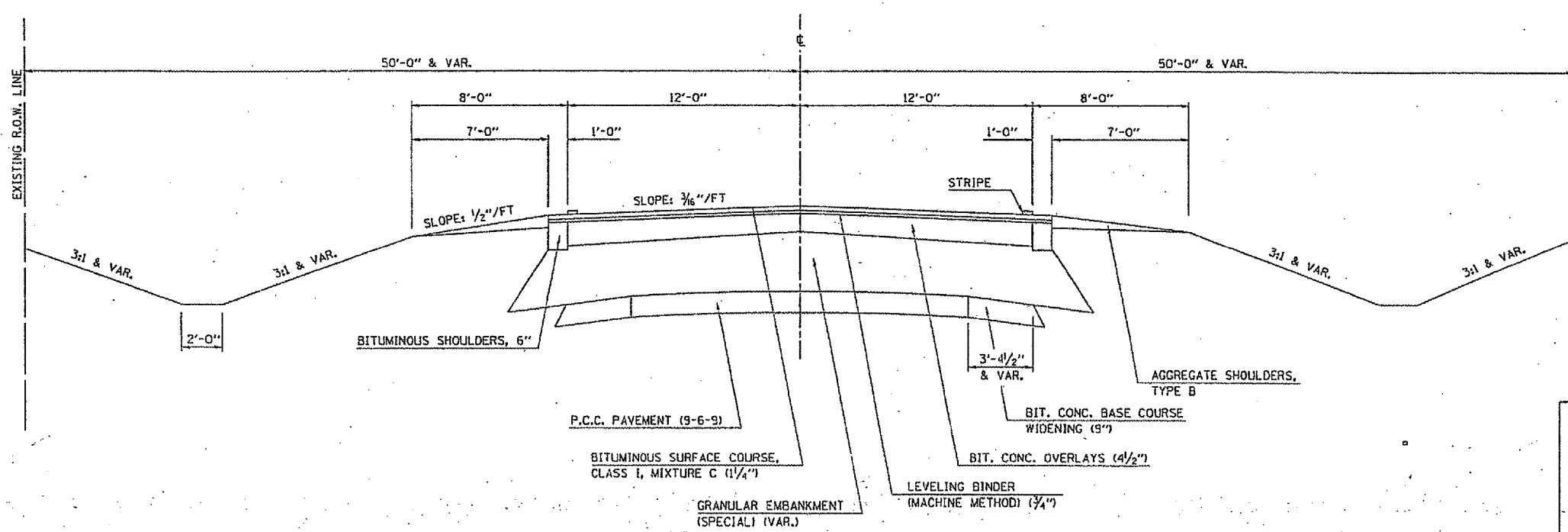
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749	122RS-3		54	8

• DOUGLAS, COLES & EDGAR
 CONTRACT NO. 90769



EXISTING TYPICAL SECTION

STATION TO STATION
 796+00 802+75
 833+00 835+65



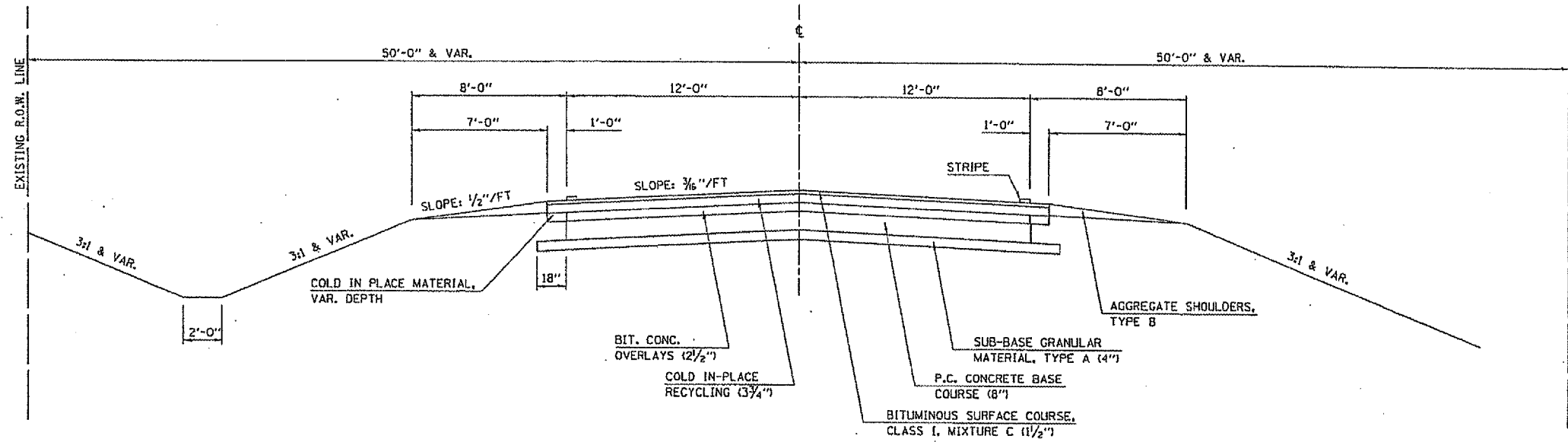
ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TYPICAL SECTIONS
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY.
 SCALE: DO NOT SCALE
 DATE: 04/29/04
 DRAWN BY: CADD
 CHECKED BY:

EXISTING TYPICAL SECTION

STATION TO STATION
946+07 950+00

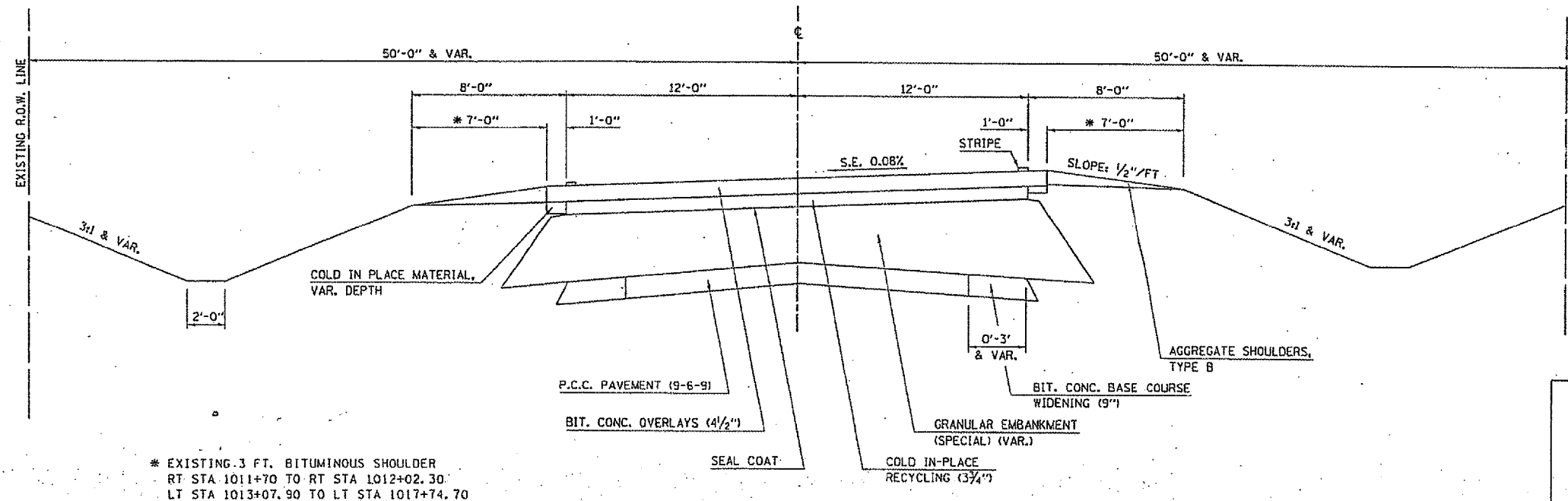
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	9

• DOUGLAS, COLES & EDGAR
CONTRACT NO. 90769



EXISTING TYPICAL SECTION

STATION TO STATION
1011+70 1019+18



* EXISTING 3 FT. BITUMINOUS SHOULDER
RT STA 1011+70 TO RT STA 1012+02.30
LT STA 1013+07.90 TO LT STA 1017+74.70

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TYPICAL SECTIONS
F.A.P. ROUTE 749 (IL RTE 133)
SECTION 122RS-3
DOUGLAS, COLES & EDGAR COUNTY

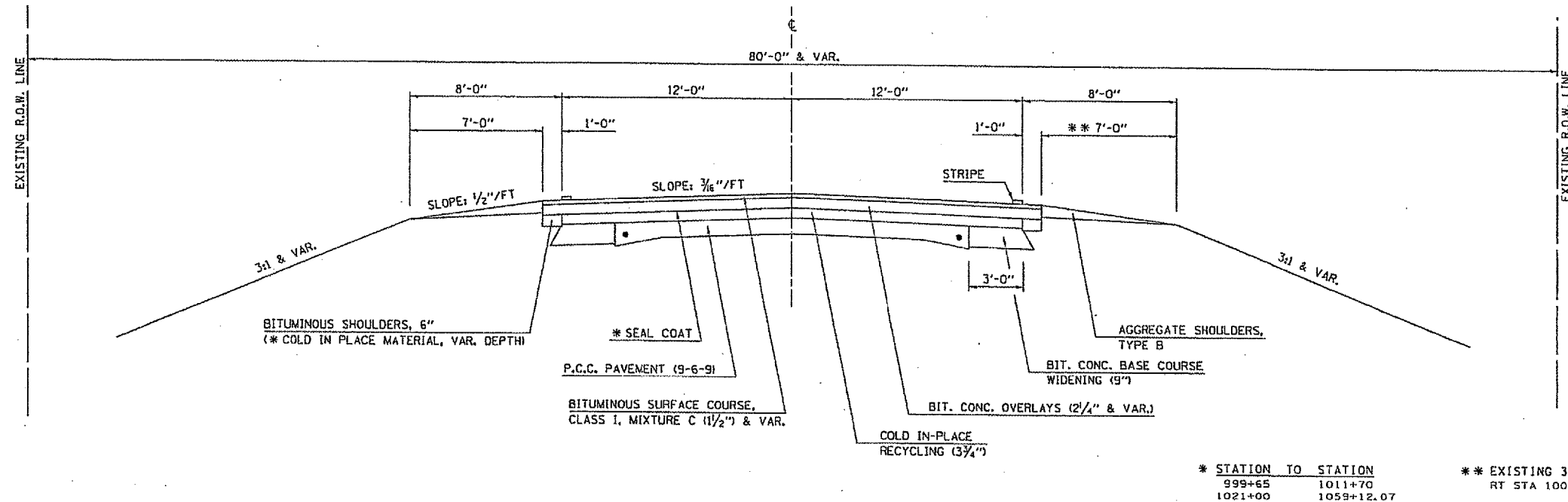
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CHECKED BY:

EXISTING TYPICAL SECTION

STATION TO STATION
 950+00 1011+70
 1021+00 1059+12.07

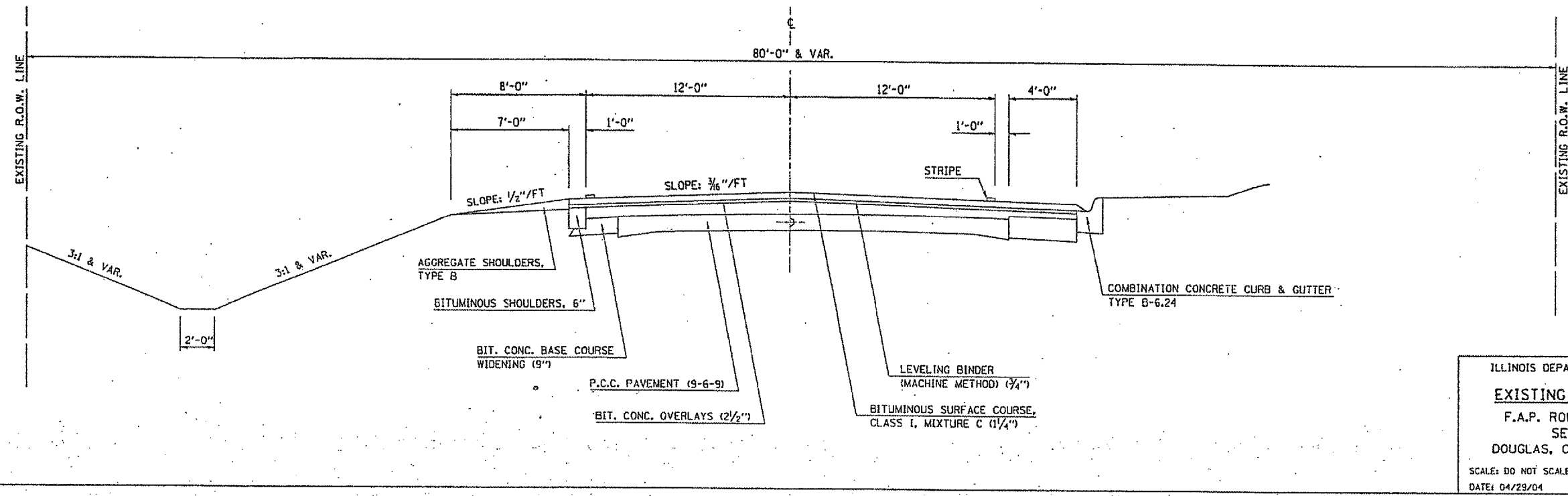
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	10

* DOUGLAS, COLES & EDGAR
 CONTRACT NO. 9076B



EXISTING TYPICAL SECTION

STATION TO STATION
 811+09 821+30.5

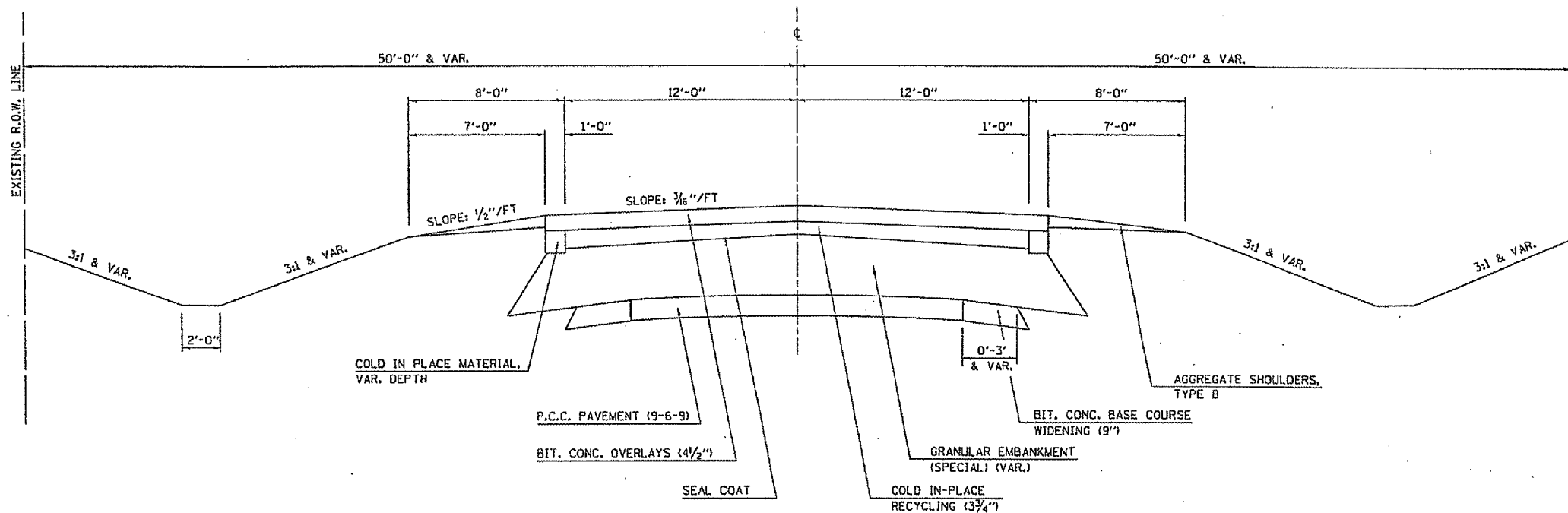


EXISTING TYPICAL SECTION

STATION TO STATION
1019+18 1021+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	11

• DOUGLAS, COLES & EDGAR
CONTRACT NO. 90769



ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TYPICAL SECTIONS
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

SCALE: DO NOT SCALE
 DATE: 04/23/04

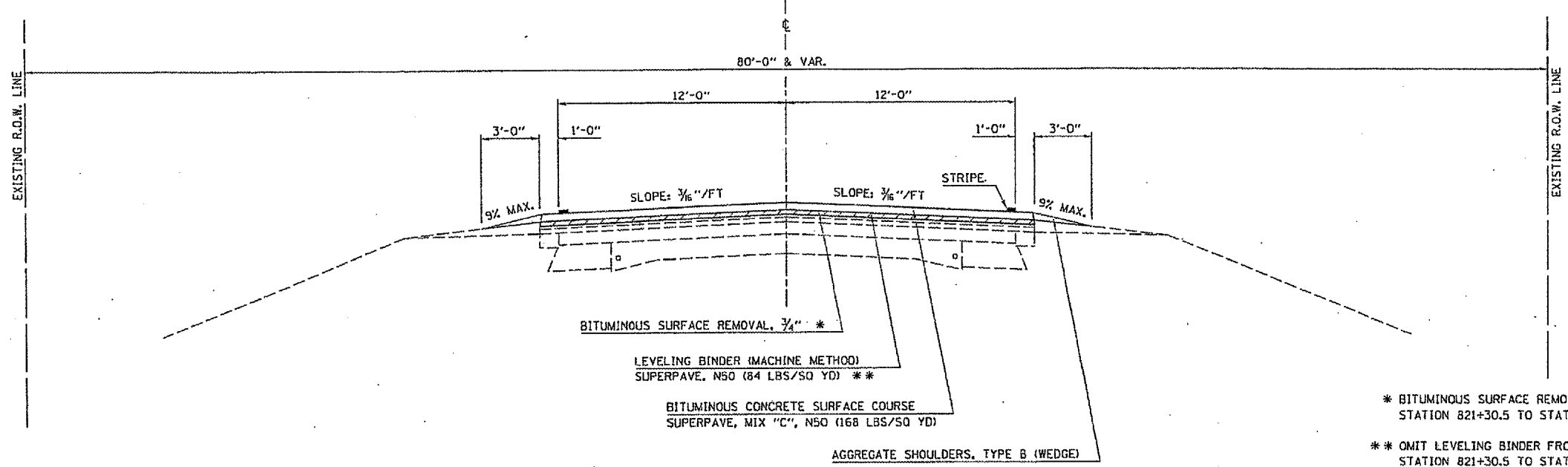
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	-	54	12

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CONTRACT NO. 90769

① PROPOSED TYPICAL SECTION

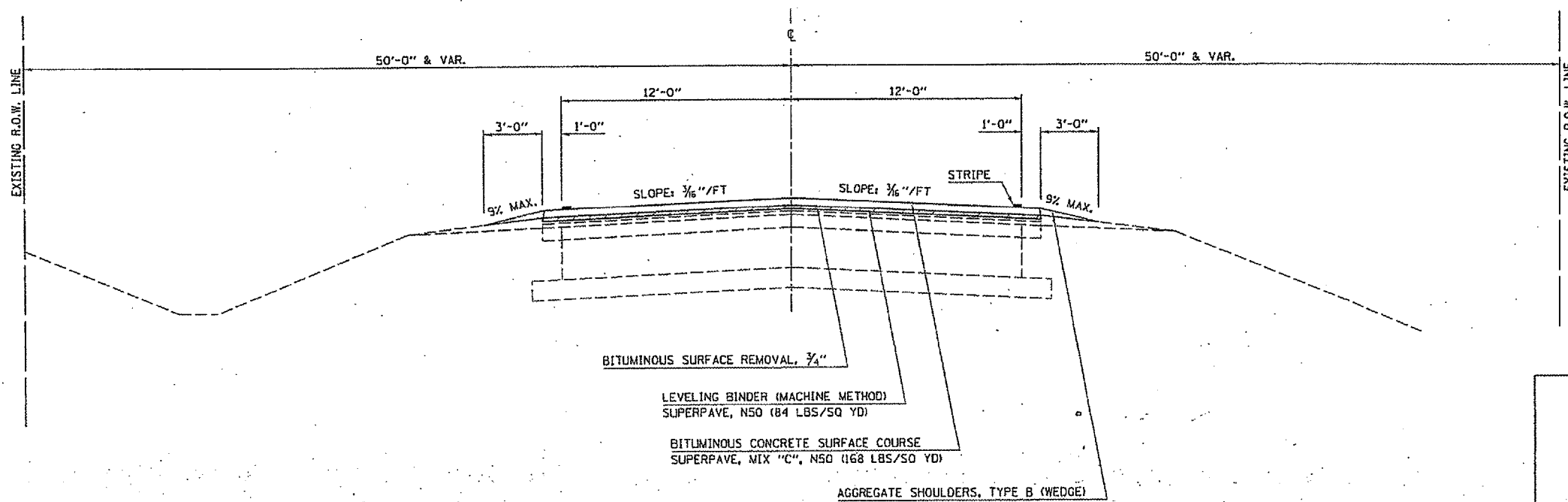
STATION	TO	STATION
550+20.6		702+23 ③
② 729+40		796+00 ⑥
⑥ 802+75		810+00 ⑩
⑩ 821+30.5		833+00 ⑥
⑥ 835+65		914+00 ④
④ 934+56.0		946+07 ⑦



* BITUMINOUS SURFACE REMOVAL, 1/2"
STATION 821+30.5 TO STATION 833+00
** OMIT LEVELING BINDER FROM
STATION 821+30.5 TO STATION 833+00

② PROPOSED TYPICAL SECTION

STATION	TO	STATION
③ 714+69.81		729+40. ①



ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
F.A.P. ROUTE 749 (IL RTE 133)
SECTION 122RS-3
DOUGLAS, COLES & EDGAR COUNTY
SCALE: DO NOT SCALE
DATE: 04/29/04
DRAWN BY: CABB
CHECKED BY:

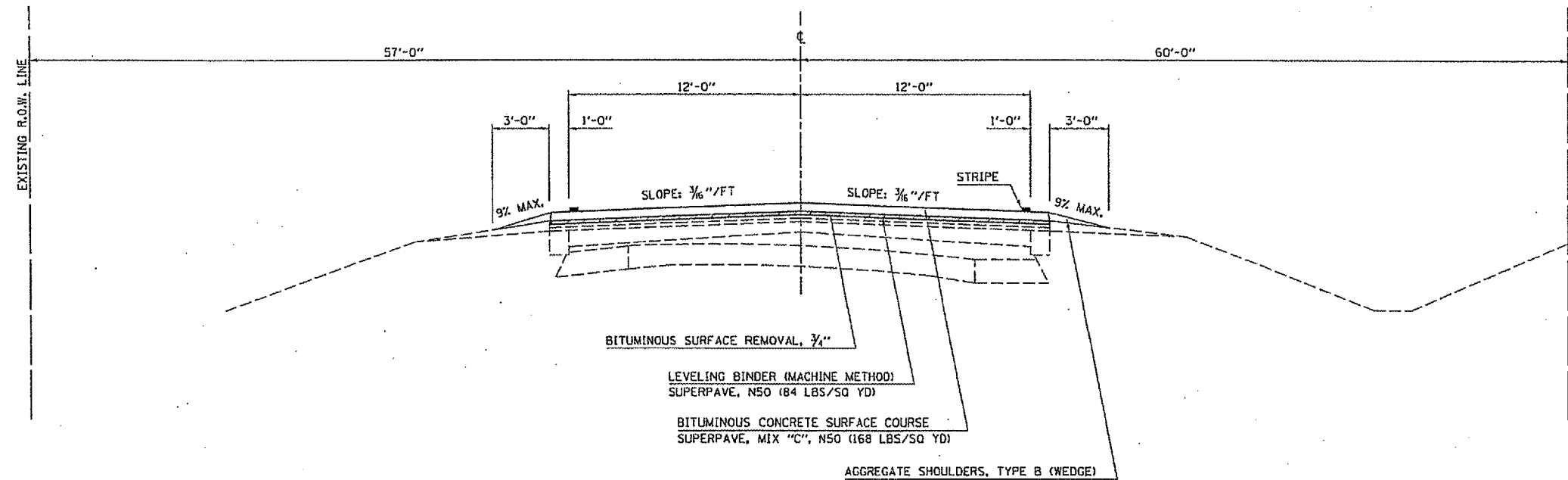
③ PROPOSED TYPICAL SECTION

STATION TO STATION
 ① 702+23 714+69.81 ②

STATION EQUATION 709+94.50 (BK) = 710+00.00 (AH)
 BRIDGE OMISSION STA 711+49.33 TO STA 714+69.81

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	13

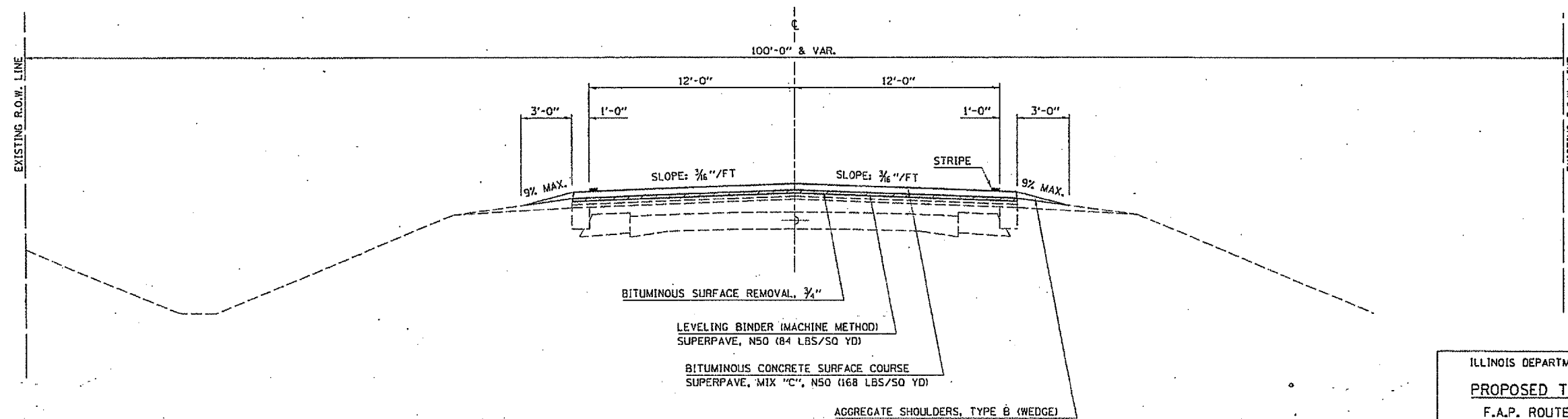
• DOUGLAS, COLES & EDGAR
 CONTRACT NO. 90769



④ PROPOSED TYPICAL SECTION

STATION TO STATION
 ① 914+00 934+56.00 ②

BRIDGE OMISSION STA 932+44.00 TO STA 934+56.00



ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

SCALE: DO NOT SCALE
 DATE: 04/29/04

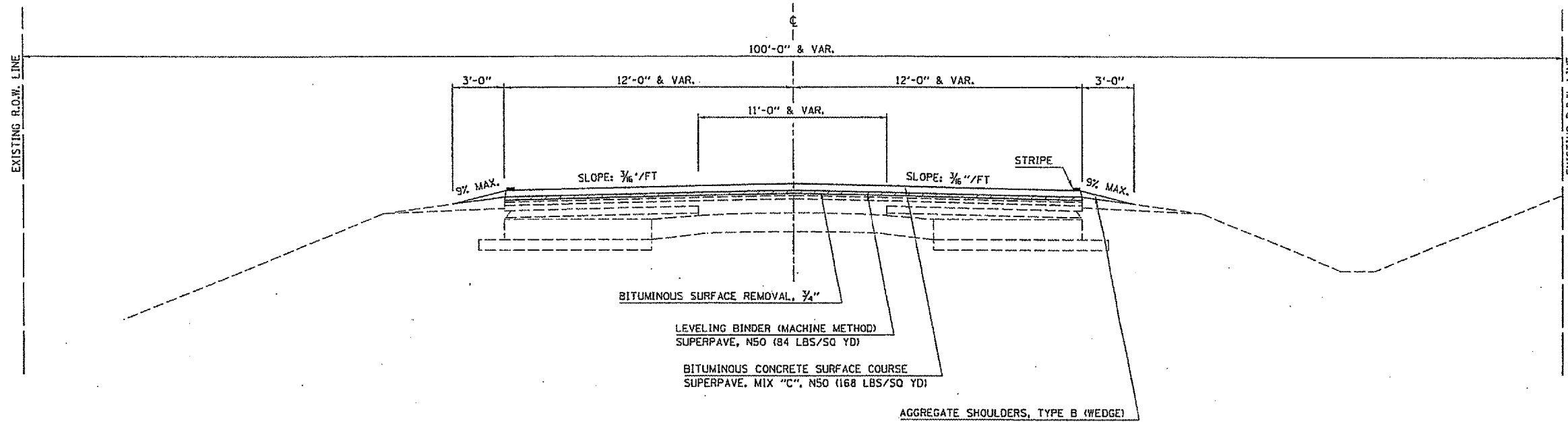
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 CHECKED BY:

⑤ PROPOSED TYPICAL SECTION

STATION TO STATION
 ⑤ 1059+12.07 1080+50.00
 31+19.00 59+50.66 (IL RTE 49)

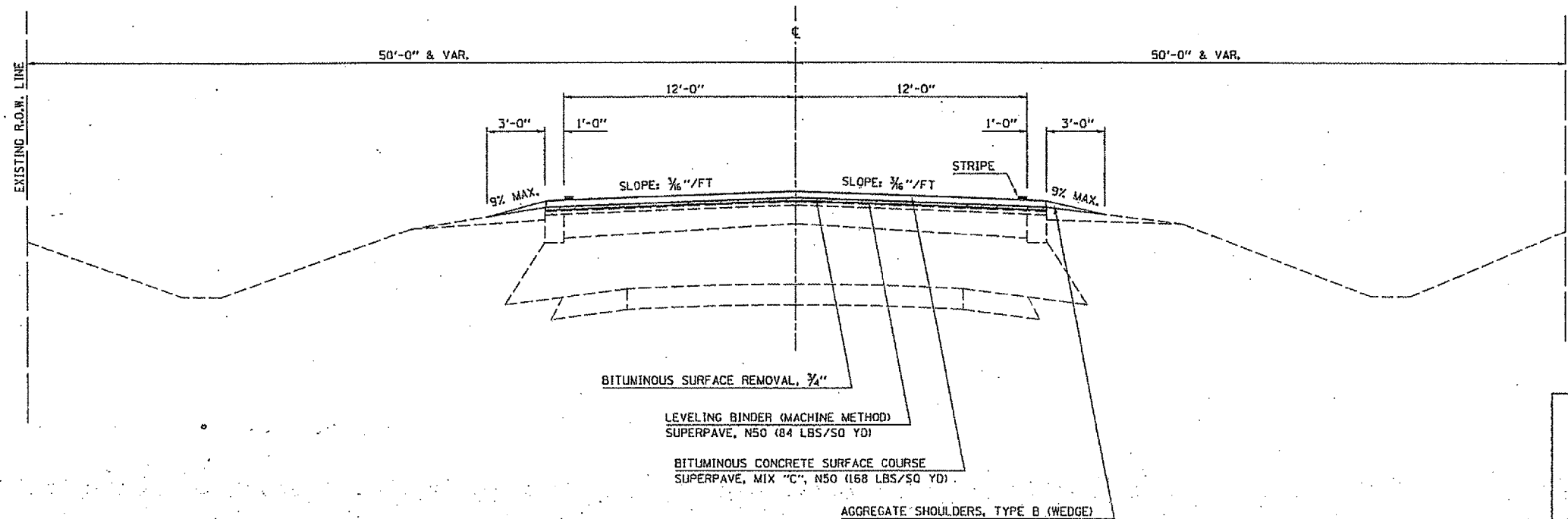
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	14

• DOUGLAS, COLES & EDGAR
 CONTRACT NO. 90769



⑥ PROPOSED TYPICAL SECTION

STATION TO STATION
 ① 796+00 802+75 ①
 ① 833+00 835+65 ①



ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

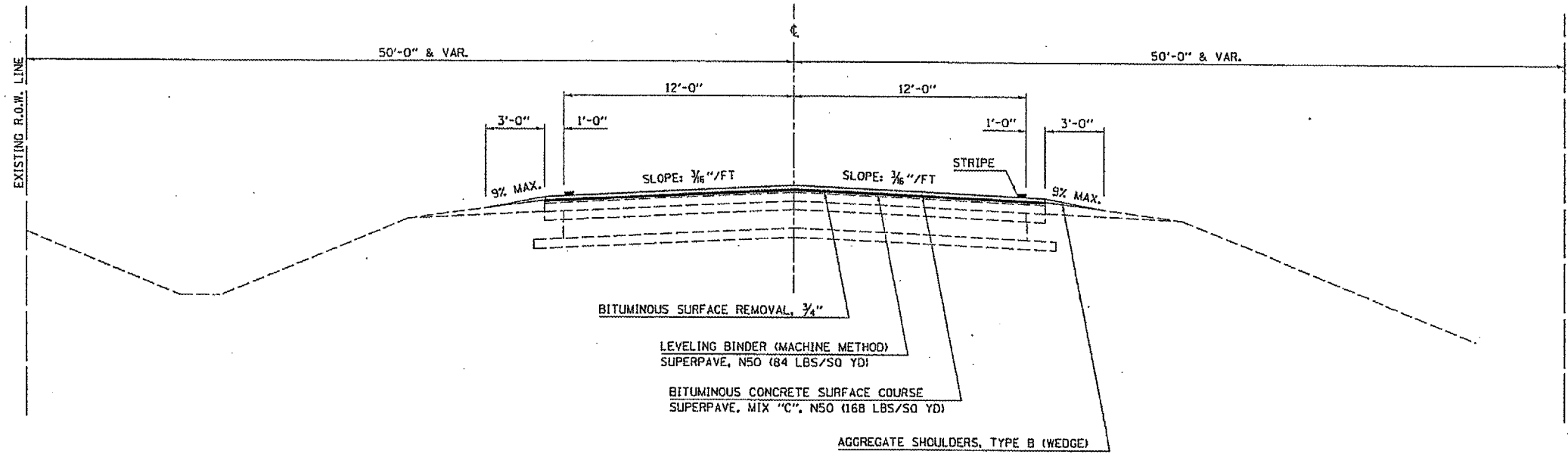
SCALE: DO NOT SCALE
 DATE: 04/29/04
 DRAWN BY: CADD
 CHECKED BY:

7 PROPOSED TYPICAL SECTION

STATION TO STATION
 ① 946+07 950+00 ②

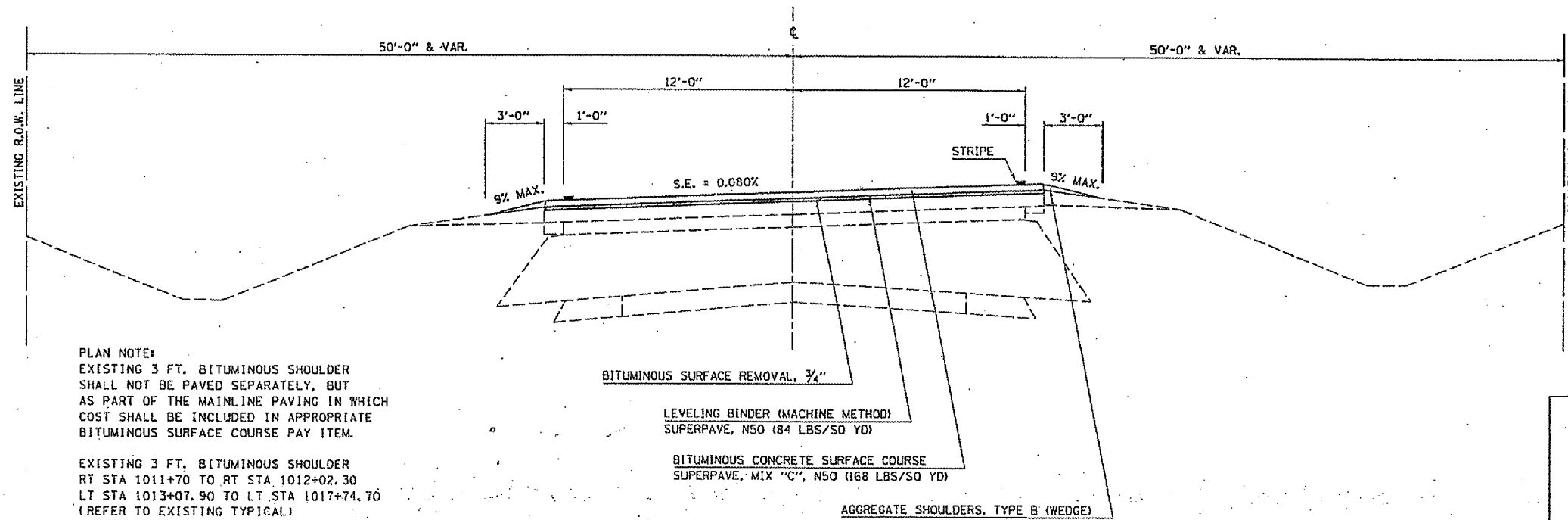
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	15

DOUGLAS, COLES & EDGAR
 CONTRACT NO. 90769



8 PROPOSED TYPICAL SECTION

STATION TO STATION
 ③ 1011+70 1019+18 ④



PLAN NOTE:
 EXISTING 3 FT. BITUMINOUS SHOULDER SHALL NOT BE PAVED SEPARATELY, BUT AS PART OF THE MAINLINE PAVING IN WHICH COST SHALL BE INCLUDED IN APPROPRIATE BITUMINOUS SURFACE COURSE PAY ITEM.

EXISTING 3 FT. BITUMINOUS SHOULDER
 RT STA 1011+70 TO RT STA 1012+02.30
 LT STA 1013+07.90 TO LT STA 1017+74.70
 (REFER TO EXISTING TYPICAL)

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

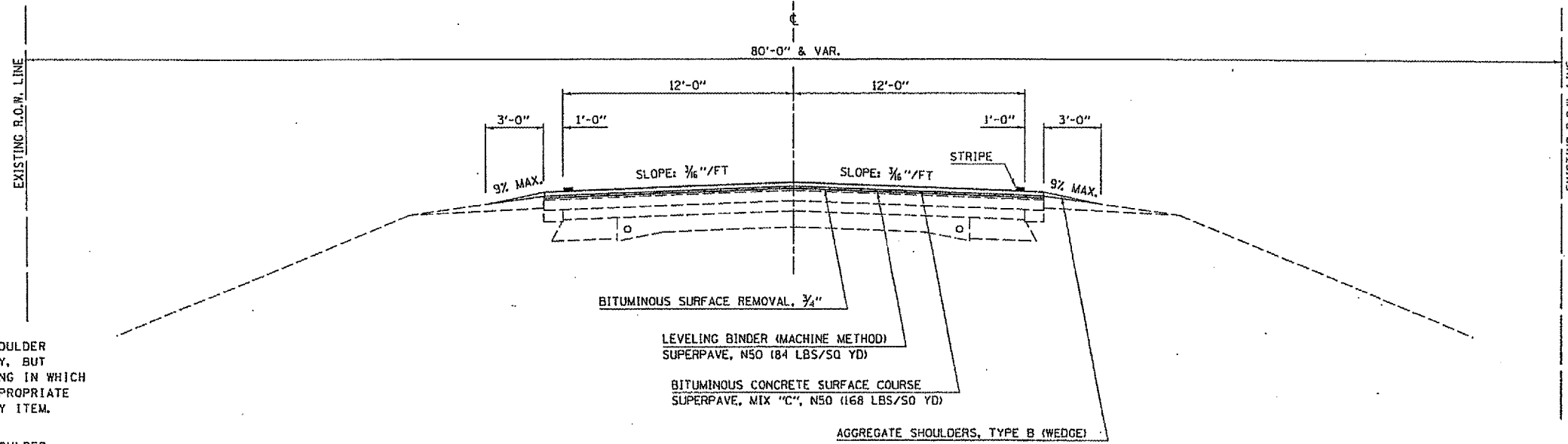
SCALE: DO NOT SCALE DRAWN BY: CADD
 DATE: 04/29/04 CHECKED BY:

9 PROPOSED TYPICAL SECTION

STATION TO STATION
 ⑦ 950+00 1011+70 ⑧
 ⑩ 1021+00 1059+12.07 ⑤

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	16

• DOUGLAS, COLES & EDGAR
 CONTRACT NO. 90769



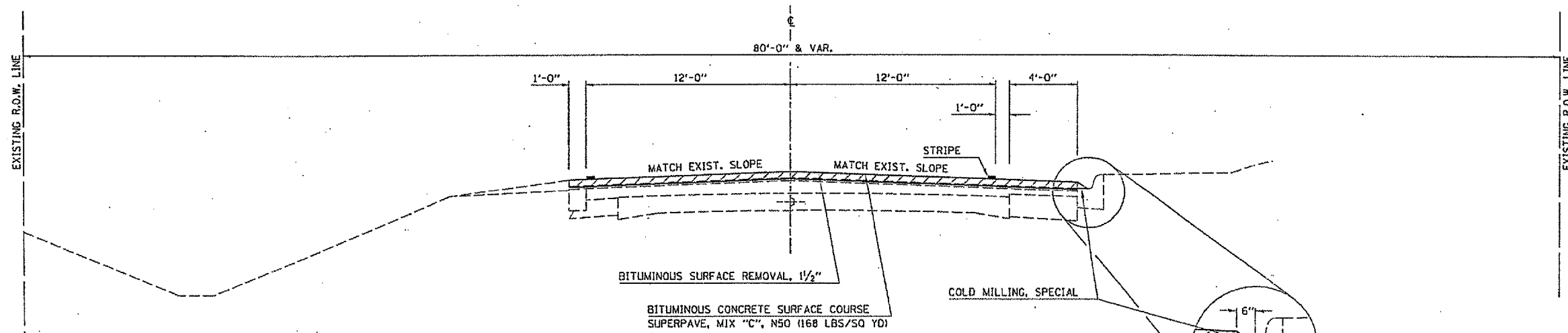
PLAN NOTE:
 EXISTING 3 FT. BITUMINOUS SHOULDER SHALL NOT BE PAVED SEPARATELY, BUT AS PART OF THE MAINLINE PAVING IN WHICH COST SHALL BE INCLUDED IN APPROPRIATE BITUMINOUS SURFACE COURSE PAY ITEM.

EXISTING 3 FT. BITUMINOUS SHOULDER RT STA 1000+80 TO RT STA 1011+70 (REFER TO EXISTING TYPICAL)

** EXISTING 3 FT. BITUMINOUS SHOULDER RT STA 1000+80 TO RT STA 1011+70

10 PROPOSED TYPICAL SECTION

STATION TO STATION
 ① 810+00 821+30.5 ①



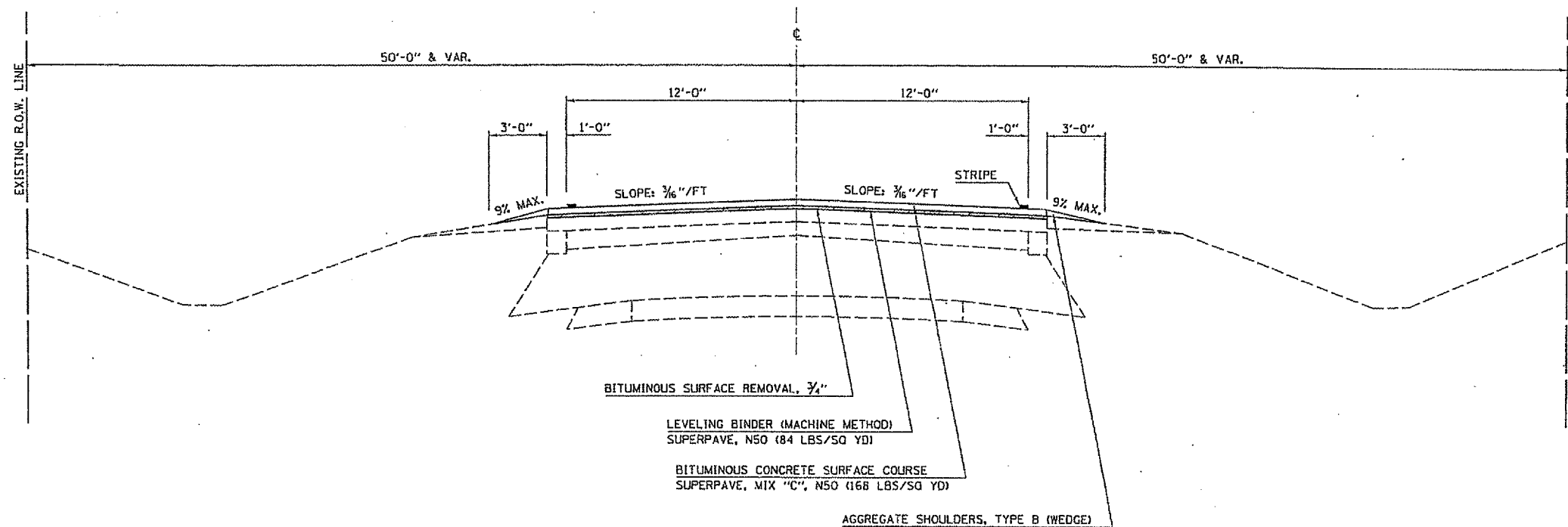
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY
 SCALE: DO NOT SCALE DRAWN BY: CADD
 DATE: 04/29/04 CHECKED BY:

11 PROPOSED TYPICAL SECTION

STATION TO STATION
⑧ 1019+18 1021+00 ⑨

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	17

• DOUGLAS, COLES & EDGAR
CONTRACT NO. 90769



ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

SCALE: DO NOT SCALE
 DATE: 04/29/04
 DRAWN BY: CADD
 CHECKED BY:

SCHEDULES OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* DOUGLAS, COLES & EDGAR				
CONTRACT NO. 90769				

40600980 BITUMINOUS SURFACE REMOVAL-BUTT JOINT

STATION	TO	STATION	AREA (SQ. YDS.)
<u>DOUGLAS CO.</u>			
550+20.6		550+50.6	87.0
<u>COLES CO.</u>			
711+19.33		711+49.33	94.0
714+69.81		714+99.81	94.0
930+20		930+50	107.0
936+50		936+80	107.0
829+63.1		829+93.1	94.0
<u>EDGAR CO.</u>			
1080+20		1080+50	87.0
<u>IL RTE. 49</u>			
31+19		31+49	87.0
59+20.66		59+50.66	87.0
<u>DOUGLAS CO. SUBTOTAL =</u>			<u>87.0 SQ. YDS.</u>
<u>COLES CO. SUBTOTAL =</u>			<u>496.0 SQ. YDS.</u>
<u>EDGAR CO. SUBTOTAL =</u>			<u>87.0 SQ. YDS.</u>
<u>IL RTE. 49 SUBTOTAL =</u>			<u>173.0 SQ. YDS.</u>
<u>TOTAL QUANTITY =</u>			<u>844.0 SQ. YDS.</u>

40600985 PCC SURFACE REMOVAL BUTT-JOINT

STATION	TO	STATION	SQ. YDS.
<u>COLES COUNTY</u>			
914+21		914+21	64
736+42 RT			39
<u>TOTAL =</u>			<u>103 SQ. YDS.</u>

*40600990 TEMPORARY RAMP

STATION	L (FT)	W (FT)	AREA (SQ. YD)
<u>DOUGLAS COUNTY</u>			
550+20.6	26	5	14.0
<u>COLES COUNTY</u>			
711+49.33	30	5	17.0
714+69.81	30	5	17.0
829+52.3	26	5	14.0
829+63.1	26	5	14.0
932+44	32	5	18.0
934+56	32	5	18.0
<u>EDGAR COUNTY</u>			
1080+50	26	5	14.0
<u>IL RTE 49</u>			
31+19	26	5	14.0
59+50.66	26	5	14.0
<u>DOUGLAS CO. SUBTOTAL =</u>			<u>14.0</u>
<u>COLES CO. SUBTOTAL =</u>			<u>98.0</u>
<u>EDGAR CO. SUBTOTAL =</u>			<u>14.0</u>
<u>IL RTE. 49 SUBTOTAL =</u>			<u>28.0</u>
<u>TOTAL =</u>			<u>154.0</u>

* PLAN NOTE: TEMPORARY RAMPS SHALL BE USED AT LOCATIONS SHOWN IN THE PLANS. IT IS THE INTENTION TO USE TEMPORARY RAMPS FOR MAJOR SIDE ROADS, AND LOCATIONS WHERE BITUMINOUS SURFACE REMOVAL 1 1/2" IS CONSTRUCTED. TEMPORARY RAMPS SHALL NOT BE USED AT MINOR TOWNSHIP ROADS, PRIVATE ENTRANCES, AND COMMERCIAL ENTRANCES.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* DOUGLAS, COLES & EDGAR				
CONTRACT NO. 90769				

SCHEDULES OF QUANTITIES

40800040 INCIDENTAL BITUMINOUS SURFACING

STATION	AREA (SQ. YDS.)	MAILBOX (TONS)	FIELD ENTR. (TONS)	PRIV ENT. W/ MBTO (TONS)	PRIVATE ENTR. (TONS)	COMMER. ENTR. (TONS)	SIDEROAD (TONS)
DOUGLAS COUNTY							
F.E. 552+21.5 RT	14		1.2				
P.E. 565+47.4 RT	39				3.3		
(TR 1925 E) 567+32 RT	58						4.9
(TR 1925 E) 567+40 LT	63						5.3
F.E. 572+07 RT	14		1.2				
F.E. 587+69 RT	14		1.2				
F.E. 594+08 RT	14		1.2				
P.E. 597+14 RT	39				3.3		
MBTO 597+60.5 LT	39	3.3					
(TR 1975 E) 598+00 RT	71						6.0
F.E. 598+60.5 LT	14		1.2				
F.E. 600+32 RT	14		1.2				
F.E. 621+05 RT	14		1.2				
F.E. 642+65 LT	14		1.2				
F.E. 653+25.2 RT	14		1.2				
F.E. 671+27 RT	14		1.2				
(TR 2100 E) 671+51.5 LT	50						4.2
(TR 2100 E) 671+62.5 LT	45						3.8
F.E. 672+09 RT	14		1.2				
F.E. 682+14 RT	14		1.2				
P.E. 685+16.5 LT	63				5.3		
F.E. 695+97 LT	14		1.2				
(TR 2150 E) 698+58.5 LT	43						3.6
F.E. 698+72 RT	14		1.2				
(TR 2175 E) 709+20 RT	104						8.7
SUBTOTAL =	810	3.3	16.8	0.0	11.9	0.0	36.5

40800040 INCIDENTAL BITUMINOUS SURFACING (CONTD)

STATION	AREA (SQ. YDS.)	MAILBOX (TONS)	FIELD ENTR. (TONS)	PRIV ENT. W/ MBTO (TONS)	PRIVATE ENTR. (TONS)	COMMER. ENTR. (TONS)	SIDEROAD (TONS)
COLES COUNTY							
P.E. 724+53 LT	39				3.3		
P.E. 724+55 RT	39				3.3		
P.E. 736+21 LT	39				3.3		
P.E. 736+42 RT	39				3.3		
F.E. 743+15 RT	14		1.2				
F.E. 746+03 LT	14		1.2				
P.E. 746+14.5 RT	43				3.6		
P.E. 749+05 RT	39				3.3		
P.E. 750+74 RT	43				3.6		
F.E. 762+78.5 RT	14		1.2				
F.E. 764+44 LT	14		1.2				
(TR 2300 E) 764+46 RT	97						8.1
F.E. 774+01 RT	14		1.2				
(MAIN ST.) 778+59 LT	86						7.2
C.E. 778+77 RT	65					5.5	
C.E. 784+17 RT	43					3.6	
P.E. 833+61 LT	39				3.3		
C.E. 834+29 LT	39					3.3	
P.E. 838+29 LT	39				3.3		
C.E. 839+80 LT	39					3.3	
F.E. 843+21 RT	14		1.2				
P.E. 844+57LT	39				3.3		
(TR 2500 E) 846+01 LT	50						4.2
(TR 2500 E) 846+21 RT	81						6.8
F.E. 847+23 LT	14		1.2				
F.E. 849+94 LT	14		1.2				
F.E. 850+81 RT	14		1.2				
F.E. 861+85.5 RT	14		1.2				
F.E. 871+07 RT	14		1.2				

40800040 INCIDENTAL BITUMINOUS SURFACING (CONTD)

STATION	AREA (SQ. YDS.)	MAILBOX (TONS)	FIELD ENTR. (TONS)	PRIV ENT. W/ MBTO (TONS)	PRIVATE ENTR. (TONS)	COMMER. ENTR. (TONS)	SIDEROAD (TONS)
COLES COUNTY							
F.E. 872+97.5 RT	14		1.2				
F.E. 874+51.5 LT	14		1.2				
(TR 2600 E) 884+45 RT	81						6.8
F.E. 884+50 LT	14		1.2				
F.E. 888+29 LT	14		1.2				
F.E. 911+05 RT	14		1.2				
F.E. 911+10 RT	14		1.2				
P.E. 914+10.5 LT	39				3.3		
P.E. 914+21 RT	39						
F.E. 923+75 RT	14		1.2				
P.E. 924+41 RT	39				3.3		
P.E. 924+74 LT	39						
F.E. 927+54 RT	14		1.2				
(TR 2680 E) 927+54 LT	106						8.9
P.E. 928+53 LT	39				3.3		
P.E. 928+61 RT	39				3.3		
(TR 2700 E) 938+17 RT	111						9.3
F.E. 941+59.5 LT	14		1.2				
P.E. 945+88.5 LT	39				3.3		
F.E. 945+89 RT	14		1.2				
(SIDEROAD) 951+60 LT	81						6.8
P.E. 951+67 RT	39				3.3		
F.E. 952+69 LT	14		1.2				
P.E. 953+08 RT	85				7.1		
P.E. 953+74 RT	39				3.3		
F.E. 955+29 RT	14		1.2				
P.E. 961+51 RT	39				3.3		
P.E. 961+91 RT	39				3.3		
F.E. 964+87 LT	14		1.2				
F.E. 965+26 LT	14		1.2				
F.E. 974+30 RT	14		1.2				
F.E. 975+96 RT	14		1.2				
F.E. 978+21 LT	14		1.2				
(TR 2780 E) 978+29 RT	81						6.8
F.E. 978+61 RT	14		1.2				
F.E. 991+06 LT	14		1.2				
F.E. 792+66 RT	14		1.2				
F.E. 800+51 RT	14		1.2				
C.E. 805+32 RT	43					3.6	
F.E. 807+94.5 RT	14		1.2				
P.E. 809+14 RT	43				3.6		
P.E. 830+07 RT	39				3.3		
P.E. 830+47 LT	39				3.3		
C.E. 832+21 RT	39					3.3	
(TEETER ST.) 832+45 RT	86						7.2
(TEETER ST.) 832+52.5 LT	119						10.0
SUBTOTAL =	2781	0.0	39.6	0.0	80.6	22.6	82.1

SCHEDULES OF QUANTITIES

F.A.P. SECTION COUNTY TOTAL SHEETS SHEET NO.	749 122R5-3 * 54 20
STA. TO STA.	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	* DOUGLAS, COLES & EDGAR CONTRACT NO. 90769

40800040 INCIDENTAL BITUMINOUS SURFACING (CONTD)

STATION	AREA (SQ. YDS.)	MAILBOX (TONS)	FIELD ENTR. (TONS)	PRIV ENT. W/ MBTO (TONS)	PRIVATE ENTR. (TONS)	COMMER. ENTR. (TONS)	SIDEROAD (TONS)
EDGAR COUNTY							
(TR 2800 E/000 E) 991+50.5 LT	81						6.8
F.E. 1000+23 RT	14		1.2				
F.E. 1003+30 RT	14		1.2				
F.E. 1003+76 LT	14		1.2				
F.E. 1005+03 RT	14		1.2				
F.E. 1006+18 RT	14		1.2				
F.E. 1013+68 RT	14		1.2				
F.E. 1018+79 LT	14		1.2				
F.E. 1019+41 LT	14		1.2				
F.E. 1026+13 LT	14		1.2				
F.E. 1034+06 LT	14		1.2				
F.E. 1034+41 LT	14		1.2				
F.E. 1034+41 RT	14		1.2				
F.E. 1035+45 RT	14		1.2				
(TR 100 E) 1046+45 RT	85						7.1
(TR 100 E) 1046+46 LT	88						7.4
F.E. 1051+42 RT	14		1.2				
MBTO 1053+67 LT	34	2.9					
F.E. 1059+16 RT	14		1.2				
F.E. 1060+11 LT	14		1.2				
F.E. 1068+08 LT	14		1.2				
C.E. 1071+78 LT	65					5.5	
SUBTOTAL =	591	2.9	20.4	0.0	0.0	5.5	21.3

40800040 INCIDENTAL BITUMINOUS SURFACING (CONTD)

STATION	AREA (SQ. YDS.)	MAILBOX (TONS)	FIELD ENTR. (TONS)	PRIV ENT. W/ MBTO (TONS)	PRIVATE ENTR. (TONS)	COMMER. ENTR. (TONS)	SIDEROAD (TONS)
ROUTE 49							
C.E. 46+84 LT	64					5.4	
SUBTOTAL =	64	0.0	0.0	0.0	0.0	5.4	0.0
TOTAL QUANTITY =	4246	6.2	76.8	0.0	92.5	33.5	139.9

44000006 BITUMINOUS SURFACE REMOVAL-1 1/2"

STATION TO STATION	SQ. YDS.
COLES COUNTY	
811+00 829+52.3	6175
SUB-TOTAL =	6175 SQ. YDS.
EDGAR COUNTY	
1072+14 1075+15	1181
SUB-TOTAL =	1181 SQ. YDS.
IL RTE. 49	
43+55 44+70	1024
45+32.53 46+54	1022
SUB-TOTAL =	2046 SQ. YDS.
TOTAL =	9402 SQ. YDS.

44000025 BITUMINOUS SURFACE REMOVAL (SPECIAL)

STATION	AREA (SQ. YDS.)
DOUGLAS COUNTY	
(P.E. W/MBTO) 685+16.5 LT	63
(TR 1925 E) 567+40 LT	63
(TR 1975 E) 598+00 RT	71
(TR 2100 E) 671+51.5 LT	45
(TR 2100 E) 671+62.5 LT	45
(TR 2175 E) 709+20 RT	104
(TR 2150 E) 698+58.5 LT	43
SUBTOTAL =	434 SQ. YDS.
COLES COUNTY	
P.E. 746+14.5 RT	43
P.E. 750+74 RT	43
(TR 2300 E) 764+46 RT	97
(MAIN ST.) 778+59 LT	86
C.E. 784+17 RT	43
(TR 2500 E) 846+01 LT	50
(TR 2500 E) 846+21 RT	81
(TR 2600 E) 884+45 RT	81
(TR 2680 E) 927+54 LT	106
(TR 2700 E) 938+17 RT	111
(SIDEROAD) 951+60 LT	81
P.E. 953+08 RT	85
P.E. 953+74 RT	39
(TR 2780 E) 978+29 RT	81
C.E. 805+32 RT	43
P.E. 809+14 RT	43
C.E. 832+21 RT	39
(TEETER ST.) 832+45 RT	86
(TEETER ST.) 832+52.5 LT	119
SUBTOTAL =	1357 SQ. YDS.

EDGAR COUNTY

(TR 2800 E/000 E) 991+50.5 LT	81
(TR 100 E) 1046+45 RT	85
(TR 100 E) 1046+46 LT	88
C.E. 1071+78 LT	64
SUBTOTAL =	318 SQ. YDS.
ROUTE 49	
C.E. 46+84 LT	64
SUBTOTAL =	64 SQ. YDS.
TOTAL QUANTITY =	2173 SQ. YDS.

44201803 CLASS D PATCHES, TYPE II, 13 INCH

STATION	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	DEPTH (IN)	PATCH AREA TYPE II (SQ YD)
COLES COUNTY						
710+06	WB	DRIVE	5	13	13	7.2
710+06	EB	DRIVE	5	13	13	7.2
715+25	WB	DRIVE	4	13	13	5.8
715+25	EB	DRIVE	4	13	13	5.8
TOTAL =						26.0 SQ YD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	I22R5-3	*	54	21
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* DOUGLAS, COLES & EDGAR				
CONTRACT NO. 90769				

SCHEDULES OF QUANTITIES

78000100 THERMOPLASTIC PAVEMENT MARKING-LTRS. & SYMB.

STATION	SO. FT.
IL RTE. 49	
43+00 (LT. ARROW)	15.6
43+66 (LT. ARROW)	15.6
44+32 (LT. ARROW)	15.6
45+73 (LT. ARROW)	15.6
46+41.50 (LT. ARROW)	15.6
47+10 (LT. ARROW)	15.6
SUB-TOTAL =	94.0 SQ. FT.
EDGAR COUNTY	
1071+50 (LT. ARROW)	15.6
1072+16 (LT. ARROW)	15.6
1073+04 (LT. ARROW)	15.6
1074+18 (LT. ARROW)	15.6
1074+84 (LT. ARROW)	15.6
1075+50 (LT. ARROW)	15.6
SUB-TOTAL =	94.0 SQ. FT.

STATION	SO. FT.
COLES COUNTY	
823+30.6 LT. "X"	54.0
832+30.6 LT. "R"	3.6
832+30.6 LT. "R"	3.6
826+48.2 RT. "X"	54.0
826+48.2 RT. "R"	3.6
826+48.2 RT. "R"	3.6
SUB-TOTAL =	122.0 SQ. FT.
TOTAL =	310.0 SQ. FT.

78000200 THERMOPLASTIC PAVEMENT MARKING-LINE 4" (WHITE)

STATION	TO	STATION	LIN. FT.
EDGAR CO.			
TURN LANE 1071+50		1073+50	180
TURN LANE 1075+50		1073+93	157
LT 1065+70		LT 1072+70	1400
RT 1065+70		RT 1072+90	1440
RT 1074+35		RT 1081+30	1390
LT 1074+50		LT 1081+30	1360
SUB-TOTAL =			5927 LIN. FT.
IL RTE. 49			
TURN LANE 43+00		44+62	162
TURN LANE 45+43		47+10	167
RT 37+20		RT 44+25	1410
LT 37+20		LT 44+30	1420
LT 45+65		LT 52+90	1450
RT 45+80		RT 52+90	1420
SUB-TOTAL =			6029 LIN. FT.
TOTAL =			11956 LIN. FT.

78000200 THERMOPLASTIC PAVEMENT MARKING-LINE 4" (DOUBLE YELLOW)

STATION	TO	STATION	LIN. FT.
EDGAR CO.			
1060+70		1073+00	2480
1074+00		1086+30	2422
SUB-TOTAL =			4902 LIN. FT.
IL RTE. 49			
45+60		552+90	2430
32+20		44+62	2440
SUB-TOTAL =			4870 LIN. FT.
TOTAL =			9772 LIN. FT.

78000400 THERMOPLASTIC PAVEMENT MARKING-LINE 6" (WHITE)

STATION	LIN. FT.
IL RTE. 49	
44+62	186
45+43	175
SUB-TOTAL =	361 LIN. FT.
EDGAR CO.	
1073+30	191
1073+93	198
SUB-TOTAL =	389 LIN. FT.
TOTAL =	750 LIN. FT.

78000600 THERMOPLASTIC PAVEMENT MARKING-LINE 12" (WHITE)

STATION	TO	STATION	LIN. FT.
EDGAR CO.			
RT 1065+70		RT 1072+82	175
LT 1065+70		LT 1072+80	188
RT 1074+28		RT 1081+30	166
LT 1074+20		LT 1081+30	188
MED. ISLANDS RT 1073+30			101
MED. ISLANDS LT 1073+93			102
SUB-TOTAL =			920 LIN. FT.
IL RTE. 49			
RT 37+20		RT 44+18	154
LT 37+20		LT 44+32	177
LT 45+83		LT 52+90	153
RT 45+70		RT 52+90	189
MED. ISLANDS RT 44+62			93
MED. ISLANDS LT 45+43			94
SUB-TOTAL =			860 LIN. FT.
TOTAL =			1780 LIN. FT.

78000600 THERMOPLASTIC PAVEMENT MARKING-LINE 12" (YELLOW)

STATION	TO	STATION	LIN. FT.
EDGAR CO.			
1065+70		1071+12	92
1075+88		1081+30	92
SUB-TOTAL =			184 LIN. FT.
IL RTE. 49			
37+20		42+62	92
47+48		52+90	92
SUB-TOTAL =			184 LIN. FT.
TOTAL =			368 LIN. FT.

78000650 THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)

STATION	LIN. FT.
EDGAR CO.	
1073+00	12
1073+50	14
1073+93	14
1074+00	12
SUB-TOTAL =	52 LIN. FT.
IL RTE. 49	
44+50	12
44+62	14
45+43	14
45+60	12
SUB-TOTAL =	52 LIN. FT.
TOTAL =	104 LIN. FT.

78100100 RAISED REFLECTIVE MARKER (AMBER MONODIRECTIONAL) (40' CTS)

STATION	TO	STATION	EACH
EDGAR COUNTY			
1067+00		1071+00	20
1076+00		1080+00	20
SUB-TOTAL =			40 EACH
IL RTE. 49			
37+00		43+00	30
47+25		53+00	29
SUB-TOTAL =			59 EACH
TOTAL =			99 EACH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* DOUGLAS, COLES & EDGAR CONTRACT NO. 50769				

SCHEDULES OF QUANTITIES

78100100 RAISED REFLECTIVE MARKER (CRYSTAL MONODIRECTIONAL) (40' CTS)

STATION	TO	STATION	EACH
<u>EDGAR COUNTY</u>			
1071+50		1073+22	4
1074+00		1075+50	4
SUB-TOTAL =			8 EACH
<u>IL RTE. 49</u>			
43+00		44+50	4
45+55		47+10	4
SUB-TOTAL =			8 EACH
TOTAL =			16 EACH

78100100 RAISED REFLECTIVE MARKER (AMBER BIDIRECTIONAL) (40' CTS)

STATION	TO	STATION	EACH
<u>EDGAR COUNTY</u>			
1071+00		1073+30	12
1074+00		1076+00	10
1080+00		1084+41.82	22
SUB-TOTAL =			44 EACH
<u>IL RTE. 49</u>			
43+00		44+72.53	9
45+32.58		47+25	10
53+00		59+50.66	8
31+19		37+00	7
SUB-TOTAL =			34 EACH
TOTAL =			78 EACH

X4032500 BITUMINOUS MATERIALS COVER & SEAL COAT (SPECIAL)

STATION	GALLONS
**	2011.0
TOTAL = 2011.0	

X4040100 SEAL COAT AGGREGATE (SPECIAL)

STATION	TON
**	30
TOTAL = 30	

** PLAN LOCATIONS FOR BITUMINOUS MATERIALS COVER & SEAL COAT (SPECIAL), AND SEAL COAT AGGREGATE (SPECIAL) SHALL BE COORDINATED BY THE ENGINEER WITH BUREAU OF MATERIALS UPON COMPLETION OF BITUMINOUS SURFACE REMOVAL 3/4"

Z0010900 COLD MILLING, SPECIAL

STATION	TO	STATION	FOOT
<u>COLES COUNTY</u>			
RT 811+09		RT 821+30.5	1022
TOTAL =			1022 FOOT

SCHEDULES OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	I22RS-3	*	54	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* DOUGLAS, COLES & EDGAR				
CONTRACT NO. 90769				

PARTIAL DEPTH PATCHING

STATION	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (IN)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	BIT MIX FOR PATCHING Z0004800 (TON)
DOUGLAS COUNTY							
557+91	WB	OVER BOX CUL.	4	13	5.75	5.8	2.8
561+50	WB	DRIVE	6	13	5.75	8.7	4.2
561+50	EB	DRIVE	4	13	5.75	5.8	2.8
571+70	EB	DRIVE	200	4	5.75	88.9	43.6
579+35	EB	DRIVE	45	4	5.75	20.0	9.8
586+40	EB	DRIVE	4	13	5.75	5.8	2.8
589+75	WB	DRIVE	6	13	5.75	8.7	4.2
589+75	EB	DRIVE	20	13	5.75	28.9	14.2
592+60	WB	DRIVE	6	13	5.75	8.7	4.2
592+60	EB	DRIVE	8	13	5.75	11.6	5.7
598+75	EB	DRIVE	6	13	5.75	8.7	4.2
599+40	EB	DRIVE	8	13	5.75	11.6	5.7
605+40	EB	DRIVE	25	5	5.75	13.9	6.8
607+75	EB	DRIVE	50	5	5.75	27.8	13.6
609+30	EB	DRIVE	25	5	5.75	13.9	6.8
611+00	EB	DRIVE	4	13	5.75	5.8	2.8
611+30	EB	DRIVE	70	5	5.75	38.9	19.1
614+50	EB	DRIVE	6	13	5.75	8.7	4.2
614+60	EB	DRIVE	80	5	5.75	44.4	21.8
616+50	EB	DRIVE	25	13	5.75	36.1	17.7
621+15	WB	DRIVE	6	13	5.75	8.7	4.2
621+15	EB	DRIVE	6	13	5.75	8.7	4.2
621+25	EB	DRIVE	90	5	5.75	50.0	24.5
625+67	EB	DRIVE	12	13	5.75	17.3	8.5
631+50	WB	DRIVE	4	13	5.75	5.8	2.8
637+30	WB	DRIVE	6	13	5.75	8.7	4.2
637+30	EB	DRIVE	20	13	5.75	28.9	14.2
640+11	WB	DRIVE	6	13	5.75	8.7	4.2
640+55	EB	DRIVE	6	13	5.75	8.7	4.2
642+38	WB	DRIVE	4	13	5.75	5.8	2.8
642+38	EB	DRIVE	4	13	5.75	8.7	4.2
645+00	WB	DRIVE	6	13	5.75	8.7	4.2
645+00	EB	DRIVE	6	13	5.75	8.7	4.2
645+10	EB	DRIVE	30	5	5.75	16.7	8.2
649+15	EB	DRIVE	80	5	5.75	44.4	21.8
651+55	WB	DRIVE	20	13	5.75	28.9	14.2
651+55	EB	DRIVE	30	13	5.75	43.3	21.2
652+87	WB	DRIVE	4	13	5.75	5.8	2.8
652+87	EB	DRIVE	6	13	5.75	8.7	4.2
684+90	WB	DRIVE	4	13	5.75	5.8	2.8
684+90	EB	DRIVE	4	13	5.75	5.8	2.8
684+96	EB	DRIVE	4	15	5.75	6.7	3.3
697+10	EB	DRIVE	4	13	5.75	5.8	2.8
697+92	EB	DRIVE	4	13	5.75	5.8	2.8
697+92	WB	DRIVE	4	13	5.75	5.8	2.8
705+60	WB	DRIVE	4	13	4.25	5.8	2.3
705+60	EB	DRIVE	4	13	4.25	5.8	2.3
SUBTOTAL =						775.0	379.0

PARTIAL DEPTH PATCHING (Continued)

STATION	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (IN)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	BIT MIX FOR PATCHING Z0004800 (TON)
COLES COUNTY							
719+80	WB	DRIVE	4	13	4.5	5.8	2.4
719+80	EB	DRIVE	6	13	4.5	8.7	3.6
720+00	WB	DRIVE	4	13	4.5	5.8	2.4
720+00	EB	DRIVE	4	13	4.5	5.8	2.4
722+40	EB	DRIVE	6	13	4.5	8.7	3.6
745+30	EB	DRIVE	6	13	5.75	8.7	4.2
745+60	EB	DRIVE	40	5	5.75	22.2	10.9
745+30	WB	DRIVE	8	13	5.75	11.6	5.7
746+50	EB	DRIVE	50	5	5.75	27.8	13.6
755+20	EB	DRIVE	50	5	5.75	27.8	13.6
755+16	WB	DRIVE	6	13	5.75	8.7	4.2
755+16	EB	DRIVE	6	13	5.75	8.7	4.2
764+50	WB	DRIVE	4	12	5.75	5.3	2.6
764+50	EB	DRIVE	4	12	5.75	5.3	2.6
772+30	EB	DRIVE	30	5	5.75	16.7	8.2
773+75	WB	DRIVE	6	13	5.75	8.7	4.2
773+75	EB	DRIVE	10	13	5.75	14.4	7.1
774+31	WB	DRIVE	4	13	5.75	5.3	2.8
774+31	EB	DRIVE	6	13	5.75	8.7	4.2
776+20	EB	DRIVE	30	5	5.75	16.7	8.2
776+50	WB	DRIVE	6	13	5.75	8.7	4.2
776+50	EB	DRIVE	6	13	5.75	8.7	4.2
842+50	WB	DRIVE	4	13	5.75	5.8	2.8
846+00	WB	DRIVE	4	13	5.75	5.8	2.8
849+10	WB	DRIVE	6	13	5.75	8.7	4.2
849+10	EB	DRIVE	6	13	5.75	8.7	4.2
854+17	WB	DRIVE	6	13	5.75	8.7	4.2
854+33	EB	DRIVE	20	13	5.75	28.9	14.2
864+20	WB	DRIVE	6	13	5.75	8.7	4.2
864+20	EB	DRIVE	6	13	5.75	8.7	4.2
868+50	WB	DRIVE	6	13	5.75	8.7	4.2
868+50	EB	DRIVE	8	13	5.75	11.6	5.7
876+15	WB	DRIVE	6	13	5.75	8.7	4.2
876+15	EB	DRIVE	6	13	5.75	8.7	4.2
878+90	WB	DRIVE	6	13	5.75	8.7	4.2
878+90	EB	DRIVE	6	13	5.75	8.7	4.2
885+50	WB	DRIVE	4	13	5.75	5.8	2.8
885+50	EB	DRIVE	10	13	5.75	14.4	7.1
893+70	EB	DRIVE	6	13	5.75	8.7	4.2
904+50	WB	DRIVE	4	13	5.75	5.8	2.8
904+50	EB	DRIVE	4	13	5.75	5.8	2.8
906+26	EB	DRIVE	6	13	5.75	8.7	4.2
906+80	WB	DRIVE	6	13	5.75	8.7	4.2
913+25	EB	DRIVE	6	13	5.75	8.7	4.2
913+25	WB	DRIVE	15	13	5.75	21.7	10.6
914+80	WB	DRIVE	10	13	5.75	14.4	7.1
914+80	EB	DRIVE	6	13	5.75	8.7	4.2
983+00	WB	DRIVE	4	13	7.5	5.8	3.4
983+00	EB	DRIVE	4	13	7.5	5.8	3.4
987+00	EB	DRIVE	4	13	7.5	5.8	3.4
987+15	WB	DRIVE	6	13	7.5	8.7	5.1
SUBTOTAL =						525.0	258.0

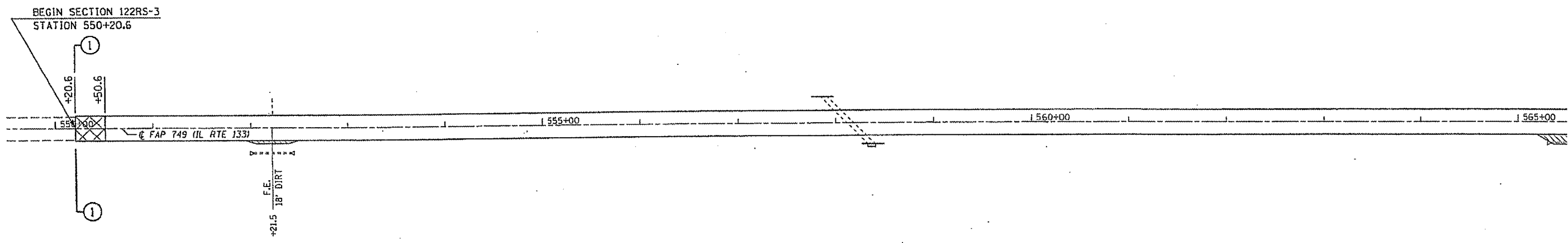
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	I22RS-3	*	54	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* DOUGLAS, COLES & EDGAR				
CONTRACT NO. 90769				


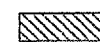
SCHEDULES OF QUANTITIES

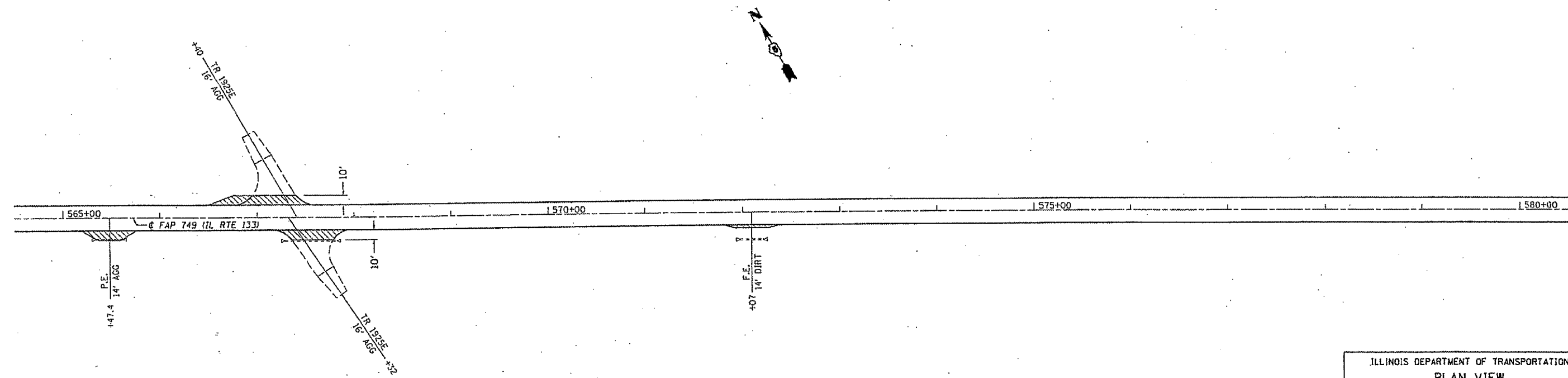
PARTIAL DEPTH PATCHING (Continued)


STATION	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	EXISTING OVERLAY THICKNESS (IN)	PARTIAL DEPTH REMOVAL X4401705 (SQ YD)	BIT MIX FOR PATCHING 20004800 (TON)
COLES COUNTY							
806+80	EB	DRIVE	40	5	5.75	22.2	10.9
807+00	WB	DRIVE	6	13	5.75	8.7	4.2
808+90	WB	DRIVE	6	13	5.75	8.7	4.2
808+90	EB	DRIVE	6	13	5.75	8.7	4.2
811+11	WB	DRIVE	20	13	4.50	28.9	12.1
811+11	EB	DRIVE	20	13	4.50	28.9	12.1
812+40	WB	DRIVE	6	13	4.50	8.7	3.6
812+40	EB	DRIVE	6	13	4.50	8.7	3.6
817+40	WB	DRIVE	6	13	4.50	8.7	3.6
817+40	EB	DRIVE	12	13	4.50	17.3	7.3
817+90	EB	DRIVE	4	13	4.50	5.8	2.4
822+00	WB	DRIVE	4	13	5.75	5.8	2.8
825+40	WB	DRIVE	4	13	5.75	5.8	2.8
825+40	EB	DRIVE	6	13	5.75	8.7	4.2
SUBTOTAL =						176.0	79.0
EDGAR COUNTY							
993+50	EB	DRIVE	4	13	7.5	5.8	3.4
996+70	EB	DRIVE	4	13	7.5	5.8	3.4
996+75	WB	DRIVE	4	13	7.5	5.8	3.4
999+40	WB	LT WHL LN	30	6	7.5	20.0	11.8
1059+20	EB	DRIVE	60	4	5.25	26.7	12.3
1059+46	WB	DRIVE	6	13	5.25	8.7	4.0
1059+46	EB	DRIVE	6	13	5.25	8.7	4.0
1064+82	WB	DRIVE	8	13	5.25	11.6	5.3
1064+82	EB	DRIVE	6	13	5.25	8.7	4.0
1068+25	WB	DRIVE	6	13	5.25	8.7	4.0
1073+61.07	EB/WB	CL	75	6	5.25	50.0	23.1
SUBTOTAL =						161.0	79.0
ROUTE 49							
33+90	SB	DRIVE	4	13	5.25	5.8	2.7
33+90	NB	DRIVE	4	13	5.25	5.8	2.7
41+25	SB	DRIVE	4	20	5.25	8.9	4.1
41+25	NB	DRIVE	4	20	5.25	8.9	4.1
44+75	SB	DRIVE	20	20	5.25	8.3	20.5
48+30	SB	DRIVE	4	26	5.25	8.3	5.3
SUBTOTAL =						46.0	40.0
TOTAL QUANTITY =						1683.0	835.0

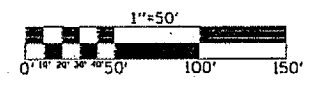
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	25
STA. 550+00		TO STA. 580+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				



 BITUMINOUS SURFACE REMOVAL - BUTT JOINT
 INCIDENTAL BITUMINOUS SURFACING



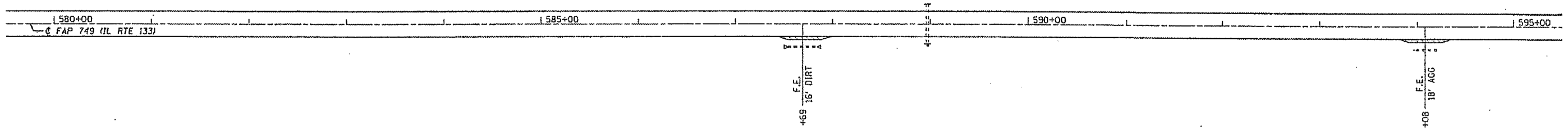
 INCIDENTAL BITUMINOUS SURFACING




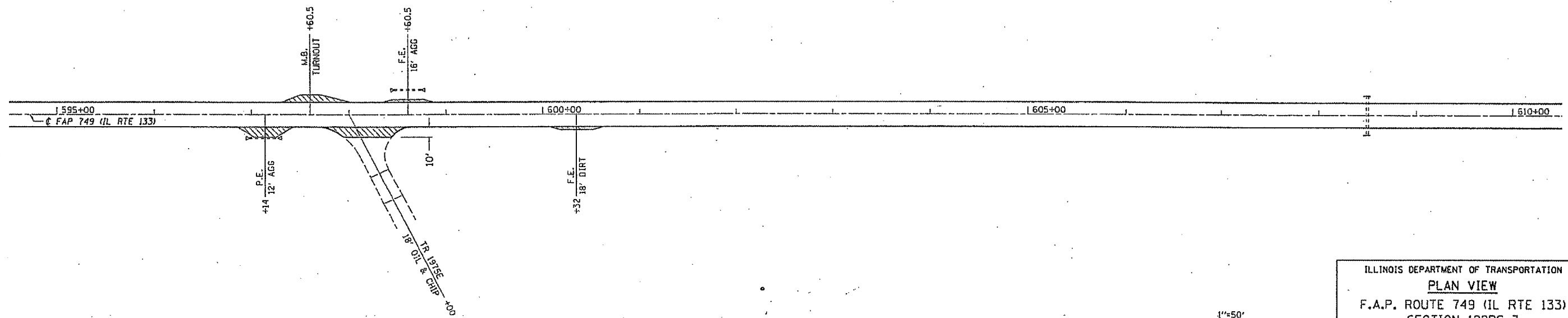
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY


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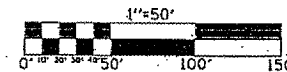
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	26
STA. 580+00		TO STA. 610+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				



 INCIDENTAL BITUMINOUS SURFACING



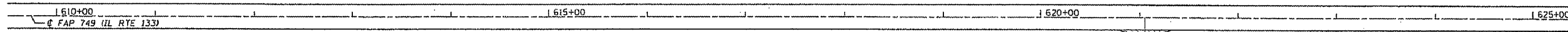
 INCIDENTAL BITUMINOUS SURFACING




ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

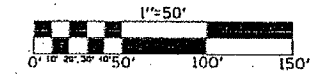
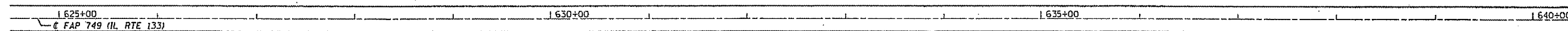
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	27
STA. 610+00		TO STA. 640+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				



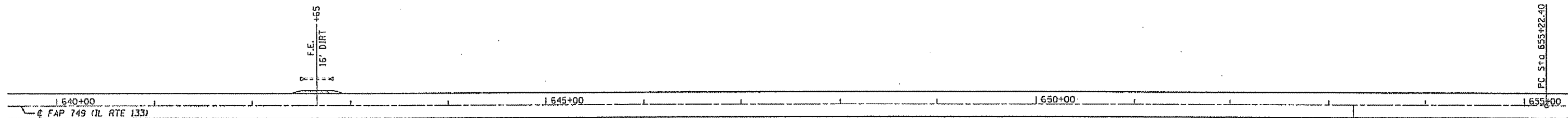
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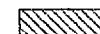
 INCIDENTAL BITUMINOUS SURFACING



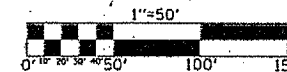
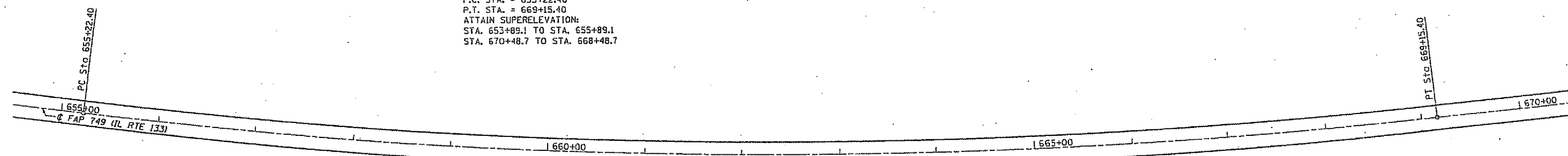
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY
 SCALE: DATE 04/28/04 DRAWN BY: CADD CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	28
STA. 640+00		TO STA. 670+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				



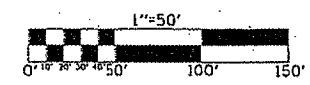
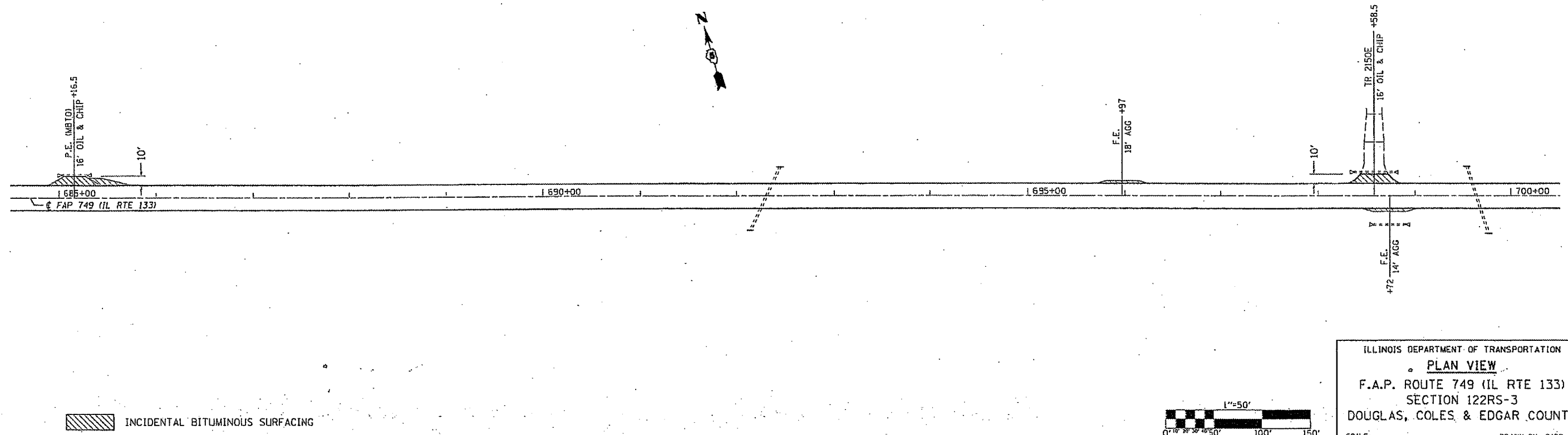
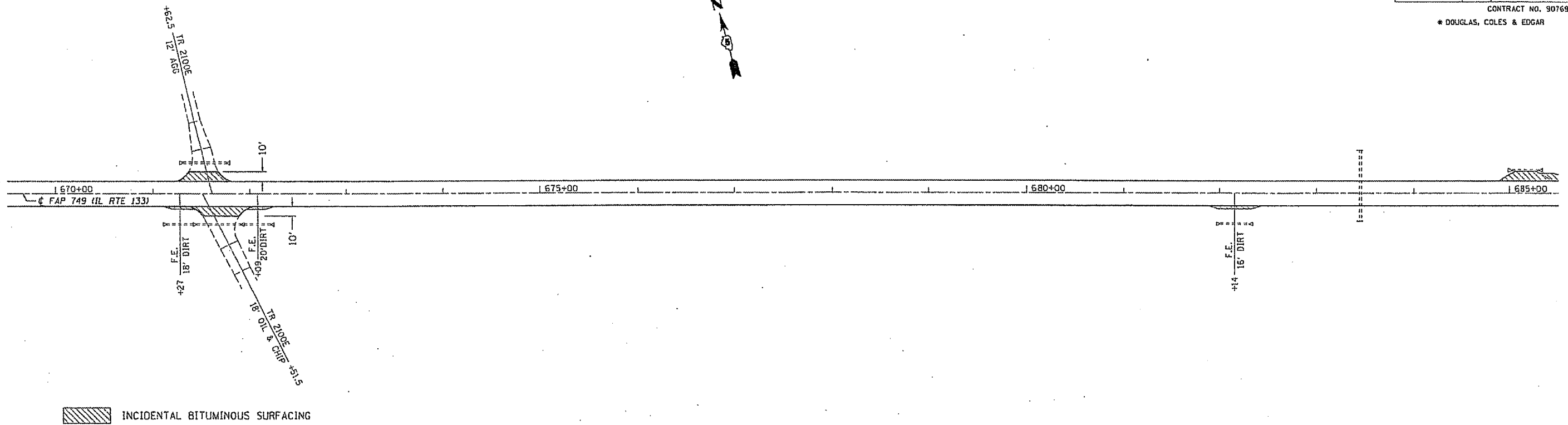
 INCIDENTAL BITUMINOUS SURFACING

EXIST. CURVE DATA
 PI STA. = 662+22.40
 $\Delta = 14^\circ 01' 00''$ (LT)
 $D = 0^\circ 00' 22''$
 $R = 5,694.29'$
 $T = 700.00'$
 $L = 1,392.6'$
 $E = 42.85'$
 $S.E. = .028'/'$
 P.C. STA. = 655+22.40
 P.T. STA. = 669+15.40
 ATTAIN SUPERELEVATION:
 STA. 653+89.1 TO STA. 655+89.1
 STA. 670+48.7 TO STA. 668+48.7



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY
 SCALE: DATE 04/28/04
 DRAWN BY: CADD
 CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	29
STA. 670+00		TO STA. 700+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				

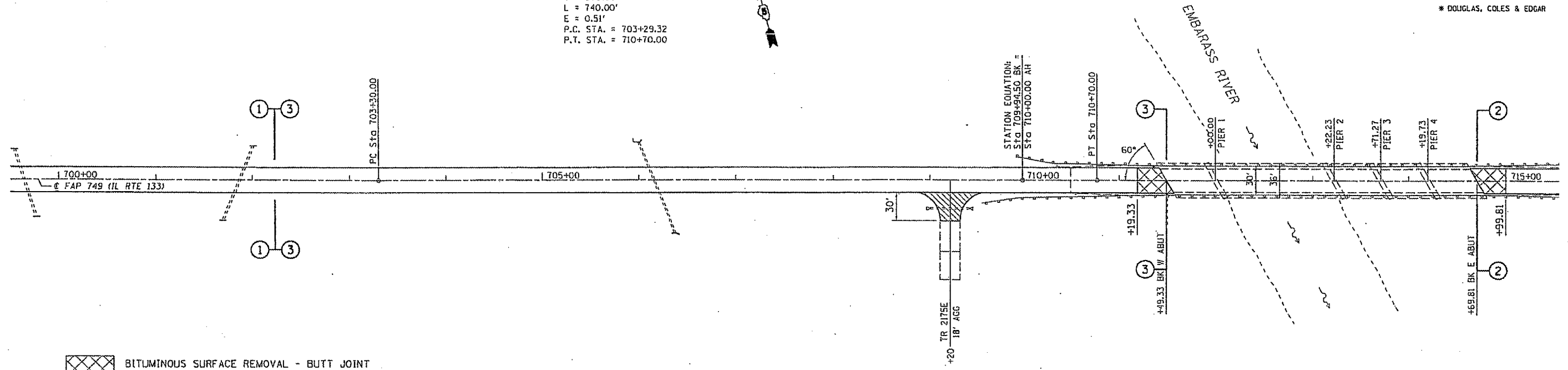


ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES, & EDGAR COUNTY

SCALE: DATE 04/28/04
 DRAWN BY: CADD
 CHECKED BY:

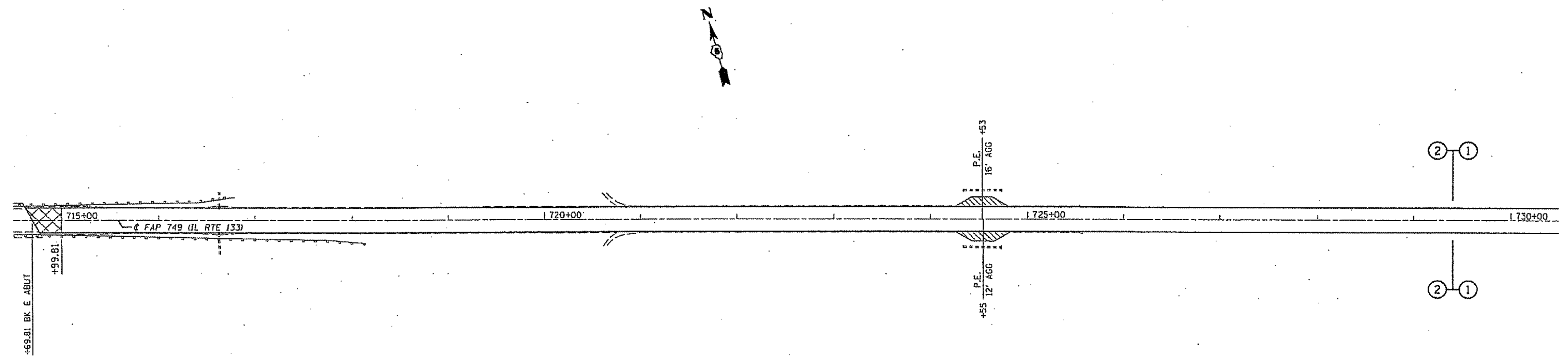
EXIST. CURVE DATA
 PI STA. = 707+00.00
 $\Delta = 0^\circ 19' 00''$ (LT)
 $D = 0^\circ 02' 39''$
 $R = 134,262.60'$
 $T = 370.00'$
 $L = 740.00'$
 $E = 0.51'$
 P.C. STA. = 703+29.32
 P.T. STA. = 710+70.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	30
STA. 700+00		TO STA. 730+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				

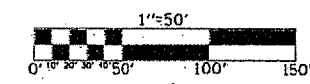


BITUMINOUS SURFACE REMOVAL - BUTT JOINT
 INCIDENTAL BITUMINOUS SURFACING

BRIDGE OMISSION
 STATION 711+49.33 TO STATION 714+69.81

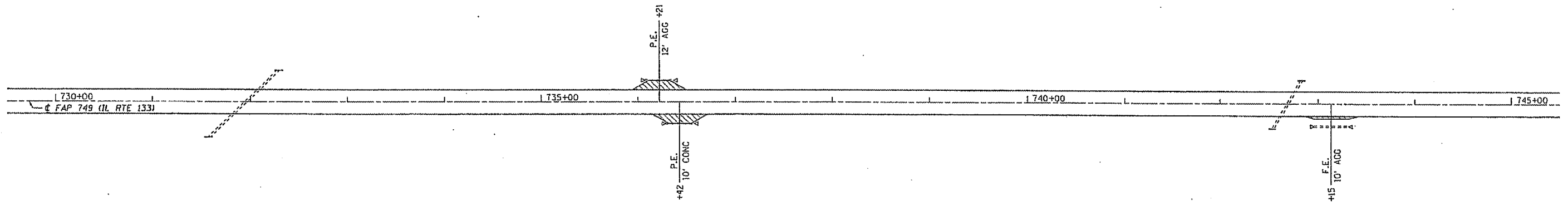


BITUMINOUS SURFACE REMOVAL - BUTT JOINT
 INCIDENTAL BITUMINOUS SURFACING

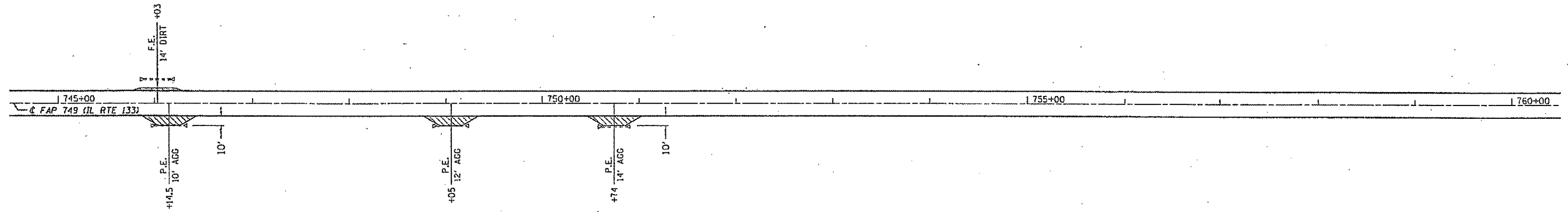


ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY
 SCALE: DATE 04/28/04 DRAWN BY: CADD CHECKED BY:

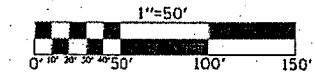
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	31
STA. 730+00		TO STA. 760+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO. 90769		
* DOUGLAS, COLES & EDGAR				



INCIDENTAL BITUMINOUS SURFACING



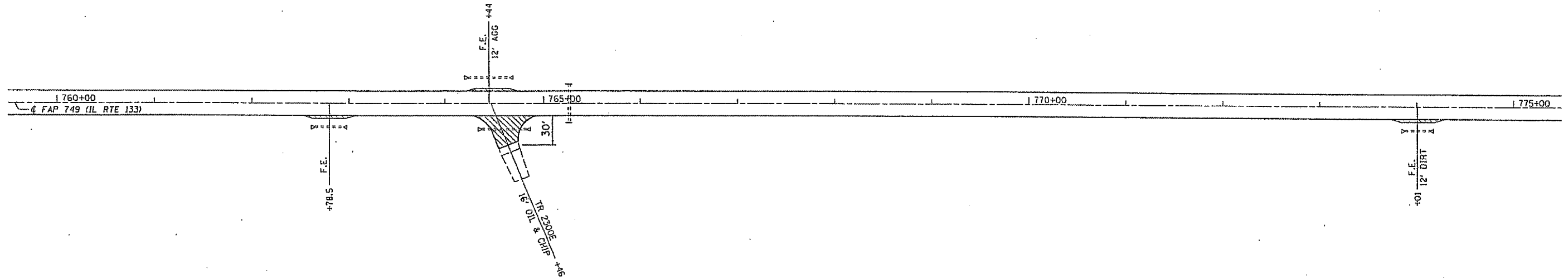
INCIDENTAL BITUMINOUS SURFACING



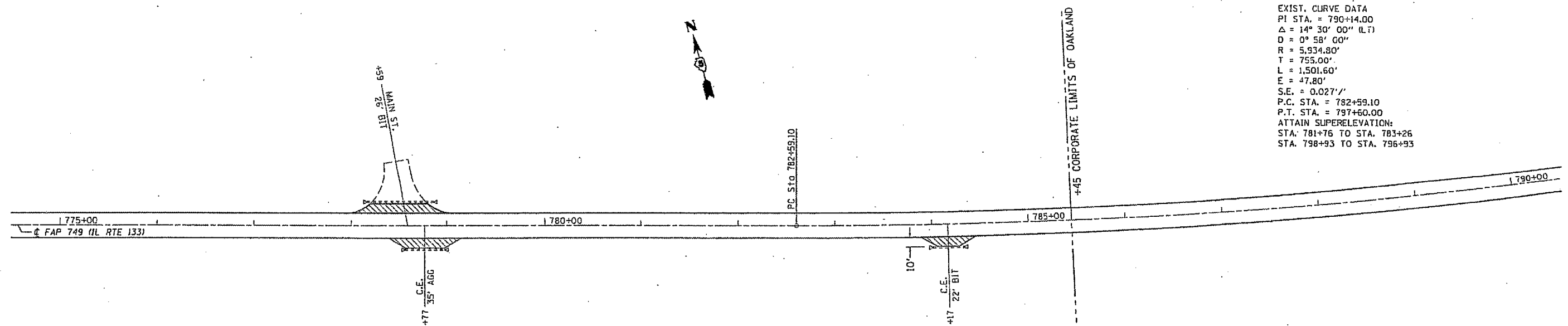
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

SCALE: DATE 04/28/04 DRAWN BY: CADD CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	32
STA. 760+00		TO STA. 790+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				

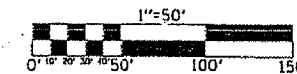


INCIDENTAL BITUMINOUS SURFACING



EXIST. CURVE DATA
 PI STA. = 790+14.00
 $\Delta = 14^{\circ} 30' 00''$ (L.T.)
 $D = 0^{\circ} 58' 00''$
 $R = 5,934.80'$
 $T = 755.00'$
 $L = 1,501.60'$
 $E = 47.80'$
 $S.E. = 0.027\%$
 P.C. STA. = 782+59.10
 P.T. STA. = 797+60.00
 ATTAIN SUPERELEVATION:
 STA. 781+76 TO STA. 783+26
 STA. 798+93 TO STA. 796+93

INCIDENTAL BITUMINOUS SURFACING



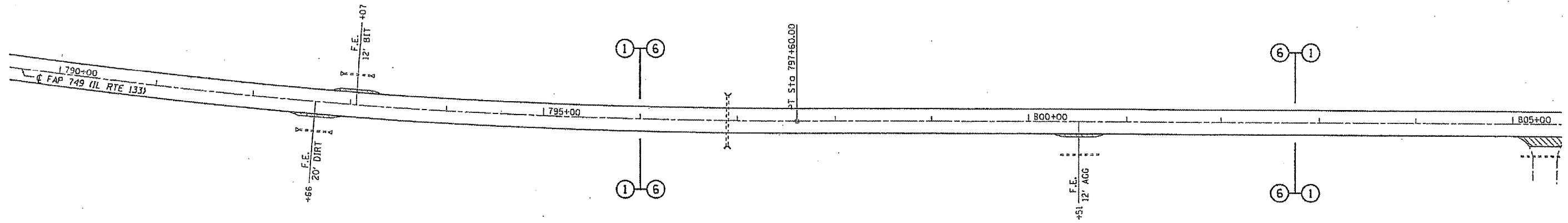
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

SCALE:
 DATE 04/28/04

DRAWN BY: CADD
 CHECKED BY:

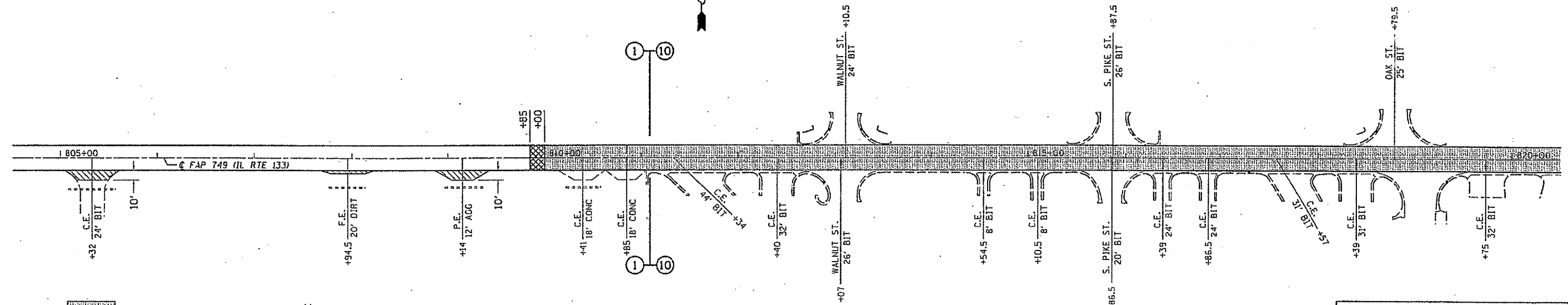
CITY OF OAKLAND

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	33
STA. 790+00		TO STA. 820+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				



INCIDENTAL BITUMINOUS SURFACING

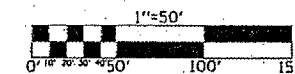
CITY OF OAKLAND



BITUMINOUS SURFACE REMOVAL, 1/2"

INCIDENTAL BITUMINOUS SURFACING

MILLING TRANSITION



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

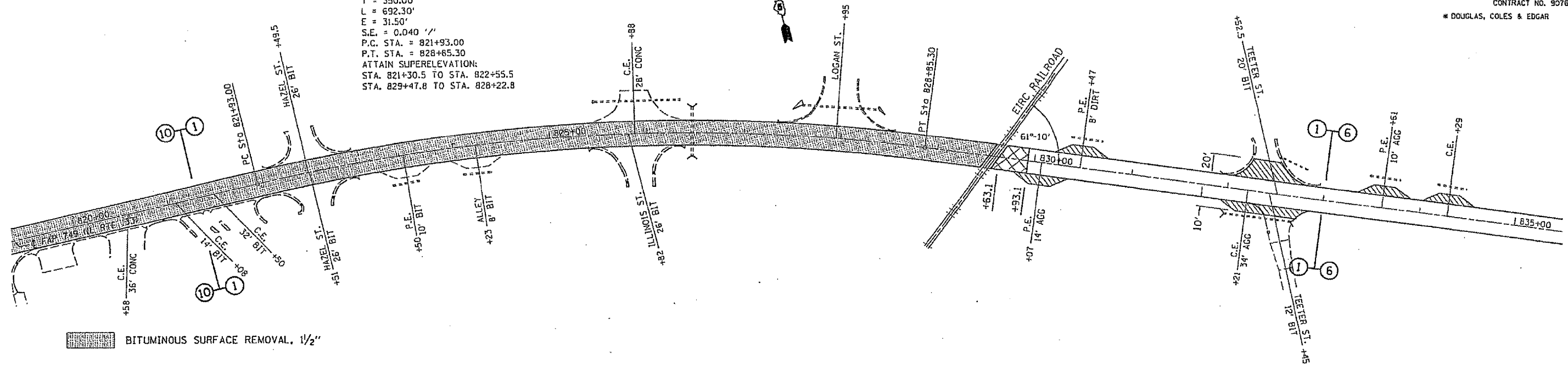
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 DATE 04/28/04



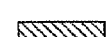
DRAWN BY: CAOD
 CHECKED BY: _____

CITY OF OAKLAND

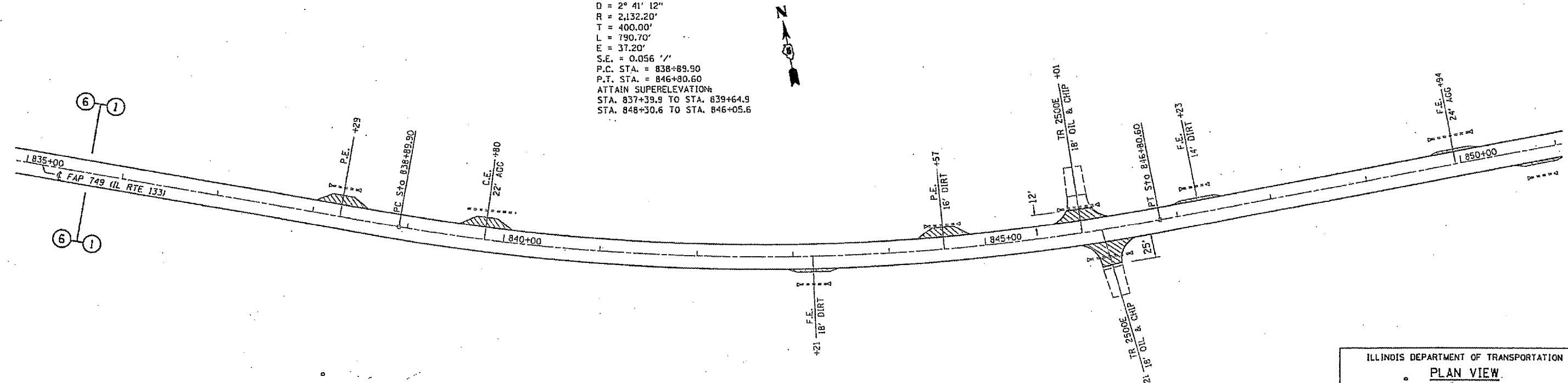
EXIST. CURVE DATA
 PI STA. = 825+43.00
 $\Delta = 20^\circ 34' 00''$ (RT)
 $D = 2^\circ 58' 15''$
 $R = 1,929.10'$
 $T = 350.00'$
 $L = 692.30'$
 $E = 31.50'$
 $S.E. = 0.040 \text{ \%/}$
 P.C. STA. = 821+93.00
 P.T. STA. = 828+85.30
 ATTAIN SUPERELEVATION:
 STA. 821+30.5 TO STA. 822+55.5
 STA. 829+47.8 TO STA. 828+22.8

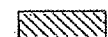
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	#	54	34
STA. 820+00		TO STA. 850+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				

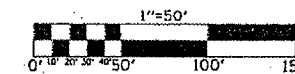


-  BITUMINOUS SURFACE REMOVAL, 1/2"
-  BITUMINOUS SURFACE REMOVAL - BUTT JOINT
-  INCIDENTAL BITUMINOUS SURFACING

EXIST. CURVE DATA
 PI STA. = 842+89.90
 $\Delta = 21^\circ 15' 00''$ (LT)
 $D = 2^\circ 41' 12''$
 $R = 2,132.20'$
 $T = 400.00'$
 $L = 790.70'$
 $E = 37.20'$
 $S.E. = 0.056 \text{ \%/}$
 P.C. STA. = 838+89.90
 P.T. STA. = 846+80.60
 ATTAIN SUPERELEVATION:
 STA. 837+39.9 TO STA. 839+64.9
 STA. 848+30.6 TO STA. 846+05.6

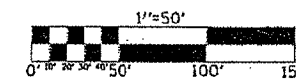
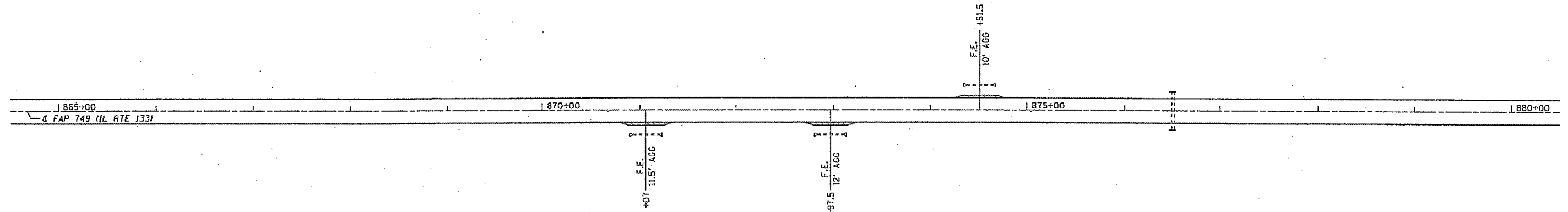
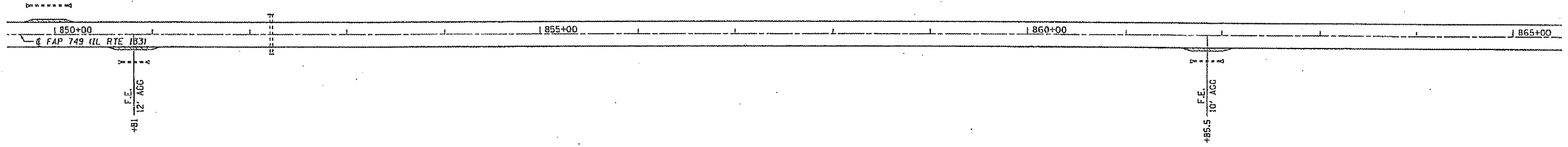


-  INCIDENTAL BITUMINOUS SURFACING



ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY
 SCALE: DRAWN BY: CADD
 DATE 04/28/04 CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	35
STA. 850+00		TO STA. 880+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				



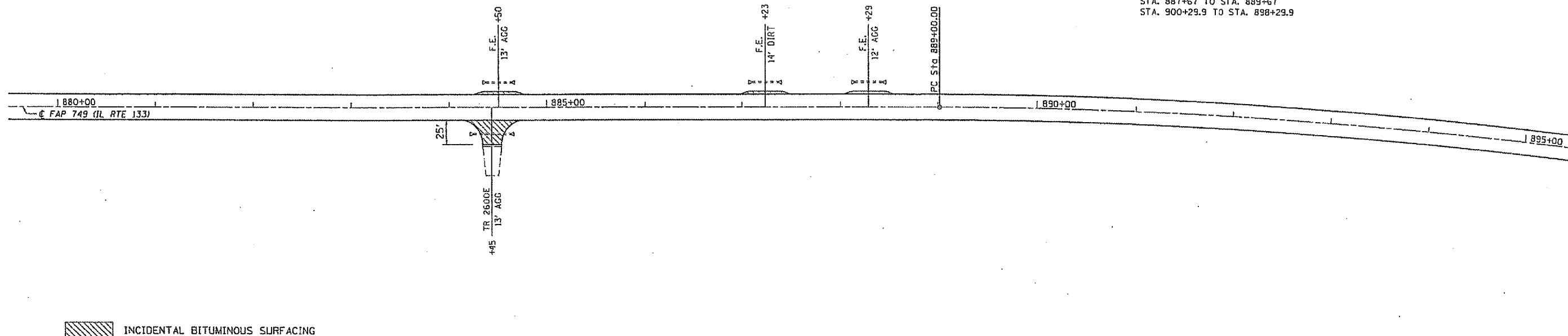
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY


SCALE: DATE 04/28/04

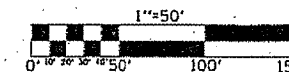
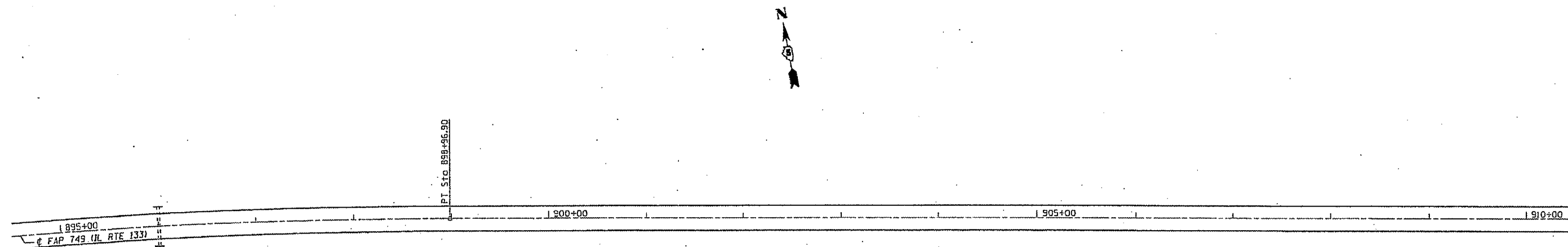
DRAWN BY: CADD
 CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	36
STA. 880+00		TO STA. 910+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				

EXIST. CURVE DATA
 PI STA. = 894+00.00
 $\Delta = 10^{\circ} 44' 00''$ (RT)
 $D = 1^{\circ} 04' 36''$
 $R = 5,322.50'$
 $T = 500.00'$
 $L = 996.90'$
 $E = 23.40'$
 $S.E. = 0.030 \text{ \%/}$
 P.C. STA. = 889+00.00
 P.T. STA. = 898+96.90
 ATTAIN SUPERELEVATION:
 STA. 887+67 TO STA. 889+67
 STA. 900+29.9 TO STA. 898+29.9



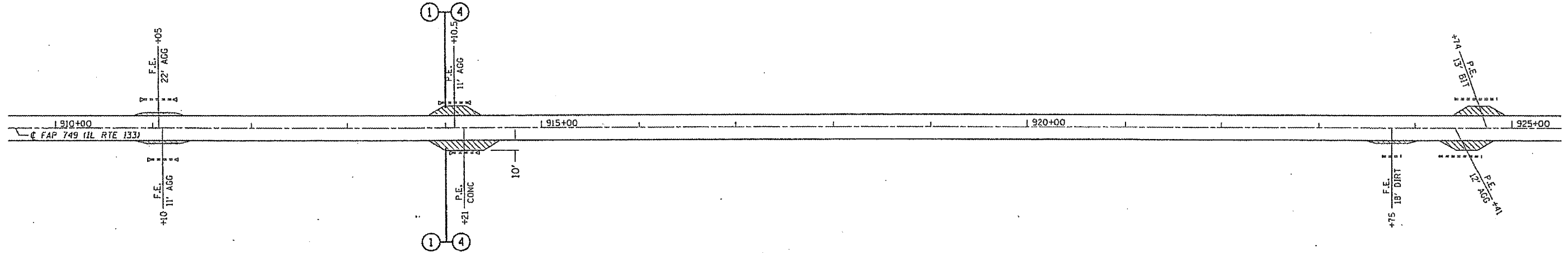
 INCIDENTAL BITUMINOUS SURFACING



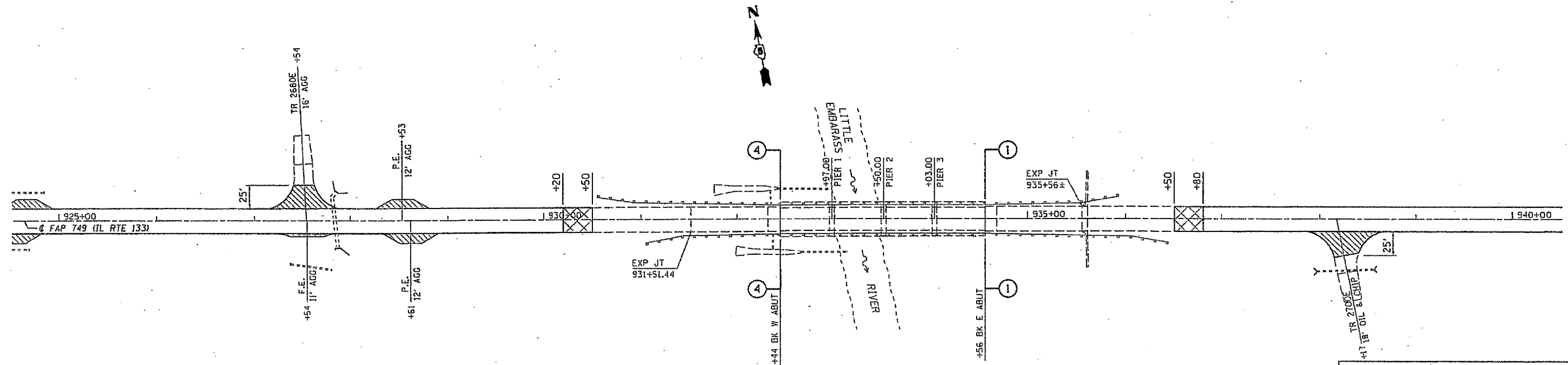
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

SCALE: DATE 04/28/04 DRAWN BY: CADD CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	37
STA. 910+00		TO STA. 940+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				



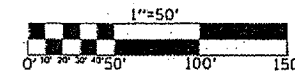
INCIDENTAL BITUMINOUS SURFACING



BITUMINOUS SURFACE REMOVAL - BUTT JOINT

INCIDENTAL BITUMINOUS SURFACING

BRIDGE OMISSION
STATION 930+50 TO STATION 936+50

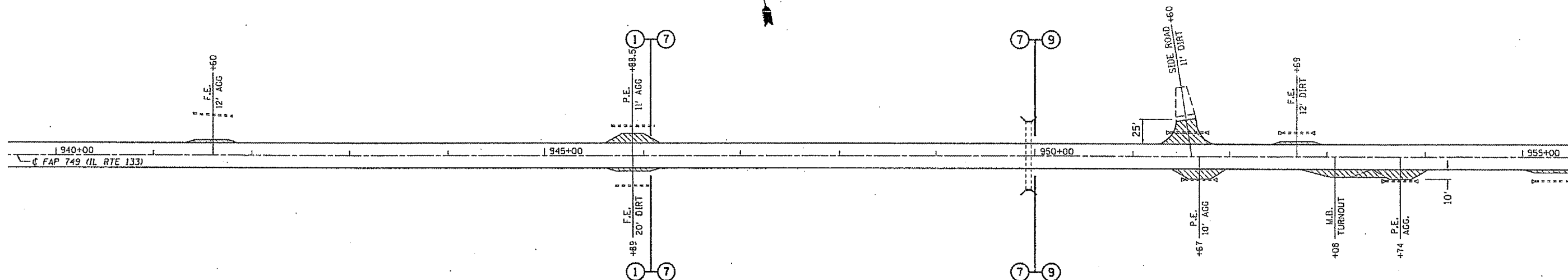


ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
F.A.P. ROUTE 749 (IL RTE 133)
SECTION 122RS-3
DOUGLAS, COLES & EDGAR COUNTY

SCALE: DATE 04/28/04

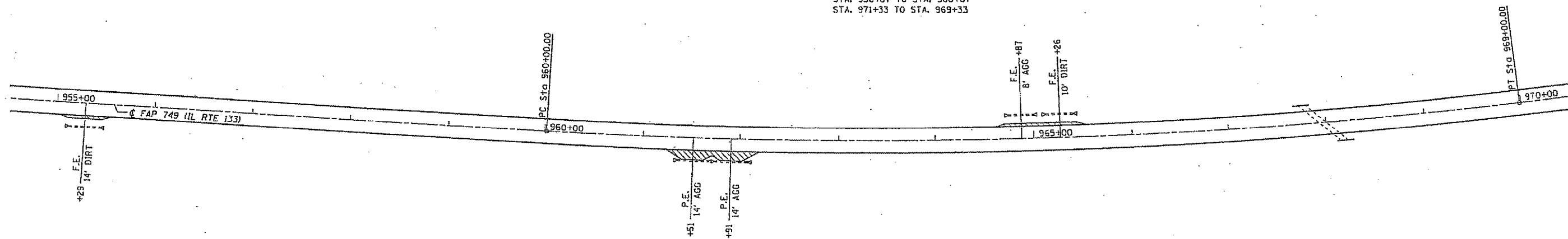
DRAWN BY: CADD
CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	38
STA. 940+00		TO STA. 970+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		CONTRACT NO. 90769		
* DOUGLAS, COLES & EDGAR				

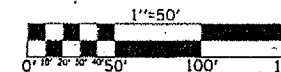


INCIDENTAL BITUMINOUS SURFACING

EXIST. CURVE DATA
 PI STA. = 965+00.00
 $\Delta = 10^\circ 38' 00''$ (LT)
 $D = 1^\circ 04' 00''$
 $R = 5,372.80'$
 $T = 500.00'$
 $L = 996.90'$
 $E = 23.20'$
 $S.E. = 0.030 \text{ \%/}$
 P.C. STA. = 960+00.00
 P.T. STA. = 969+00.00
 ATTAIN SUPERELEVATION:
 STA. 958+67 TO STA. 960+67
 STA. 971+33 TO STA. 969+33

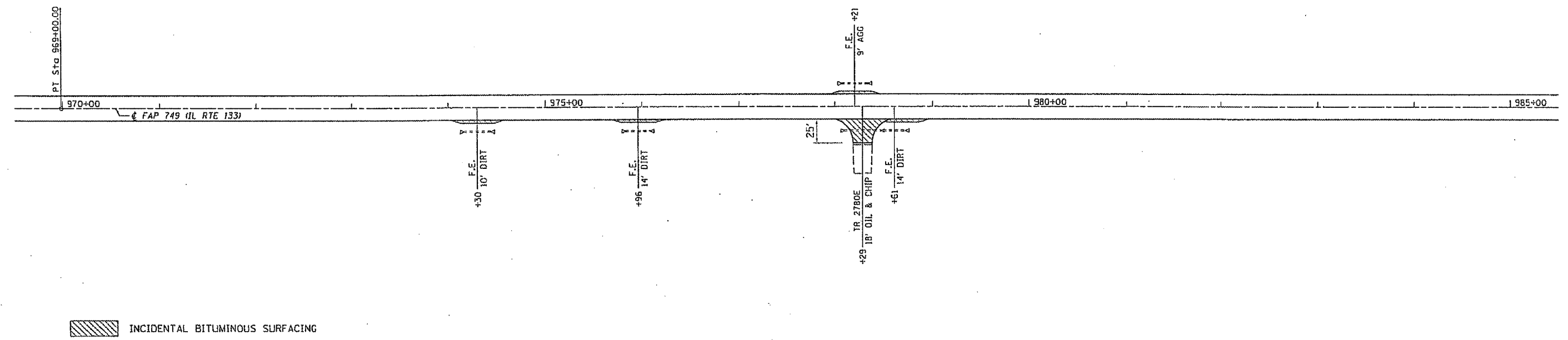


INCIDENTAL BITUMINOUS SURFACING

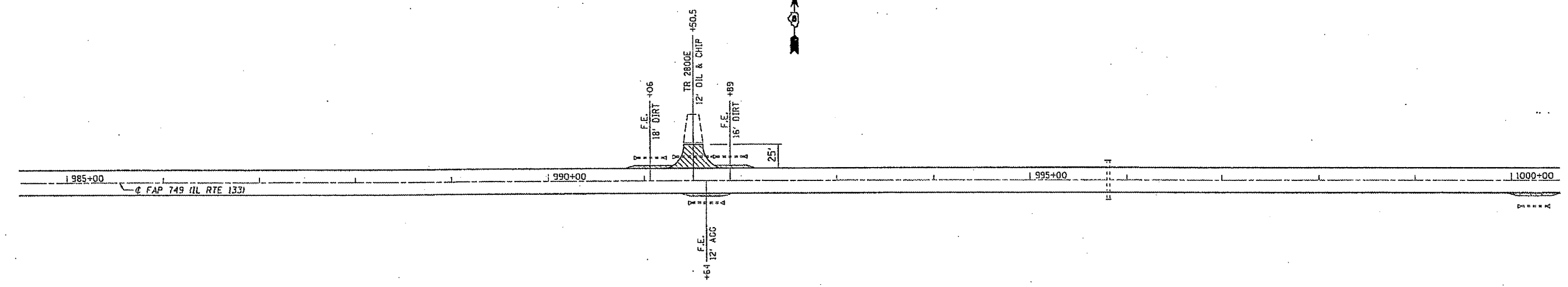


ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY
 SCALE: DATE 04/28/04 DRAWN BY: CADD CHECKED BY:

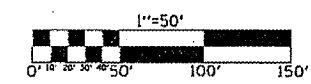
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	39
STA. 970+00		TO STA. 1000+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				



INCIDENTAL BITUMINOUS SURFACING



INCIDENTAL BITUMINOUS SURFACING

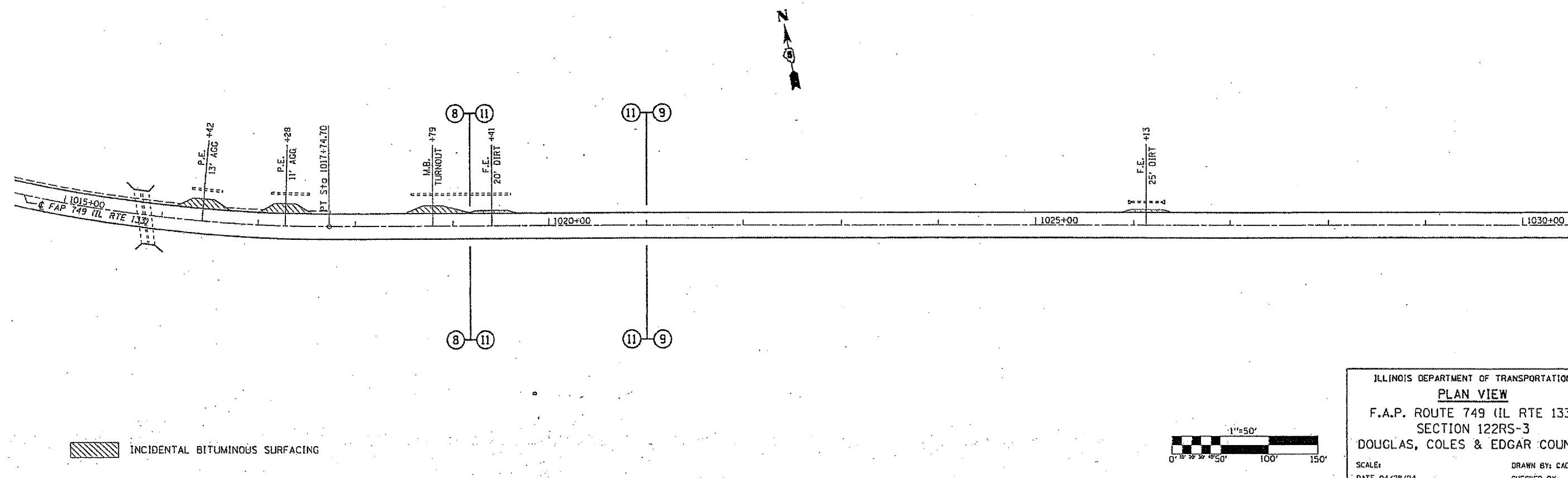
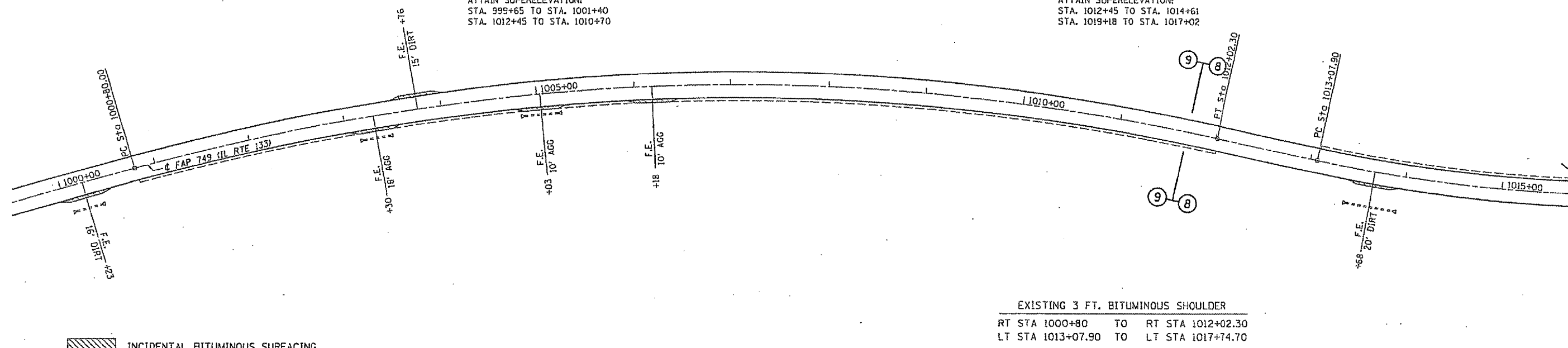


ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY
 SCALE: DRAWN BY: CADD
 DATE 04/28/04 CHECKED BY:

EXIST. CURVE DATA
 PI STA. = 1006+53.00
 $\Delta = 28^\circ 24' 00''$ (RT)
 $D = 2^\circ 32' 00''$
 $R = 2,264.40'$
 $T = 573.00'$
 $L = 1,122.20'$
 $E = 71.40'$
 $S.E. = 0.053 \text{ \%/}$
 P.C. STA. = 1000+80.00
 P.T. STA. = 1012+02.30
 ATTAIN SUPERELEVATION:
 STA. 999+65 TO STA. 1001+40
 STA. 1012+45 TO STA. 1010+70

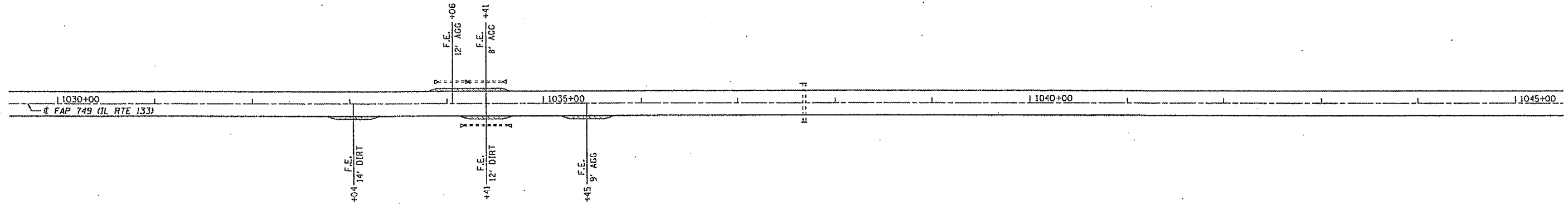
EXIST. CURVE DATA
 PI STA. = 1015+43.20
 $\Delta = 17^\circ 50' 00''$ (LT)
 $D = 3^\circ 49' 00''$
 $R = 1,500.00'$
 $T = 235.30'$
 $L = 466.80'$
 $E = 19.34'$
 $S.E. = 0.080 \text{ \%/}$
 P.C. STA. = 1013+07.90
 P.T. STA. = 1017+74.70
 ATTAIN SUPERELEVATION:
 STA. 1012+45 TO STA. 1014+61
 STA. 1019+18 TO STA. 1017+02


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	40
STA. 1000+00		TO STA. 1030+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				

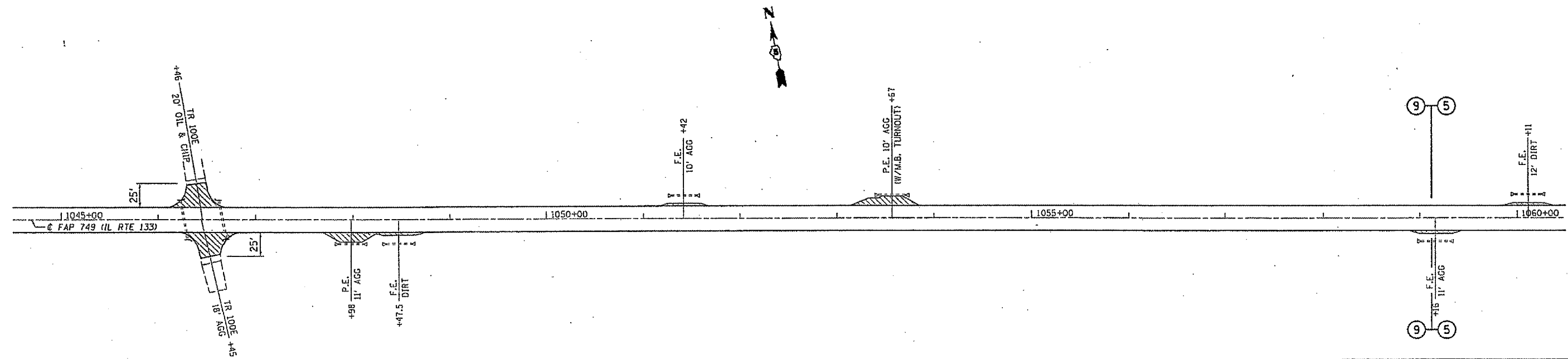



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY
 SCALE: DATE 04/28/04 DRAWN BY: CAOD CHECKED BY:

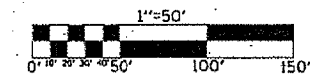
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	41
STA. 1030+00		TO STA. 1060+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				



 INCIDENTAL BITUMINOUS SURFACING



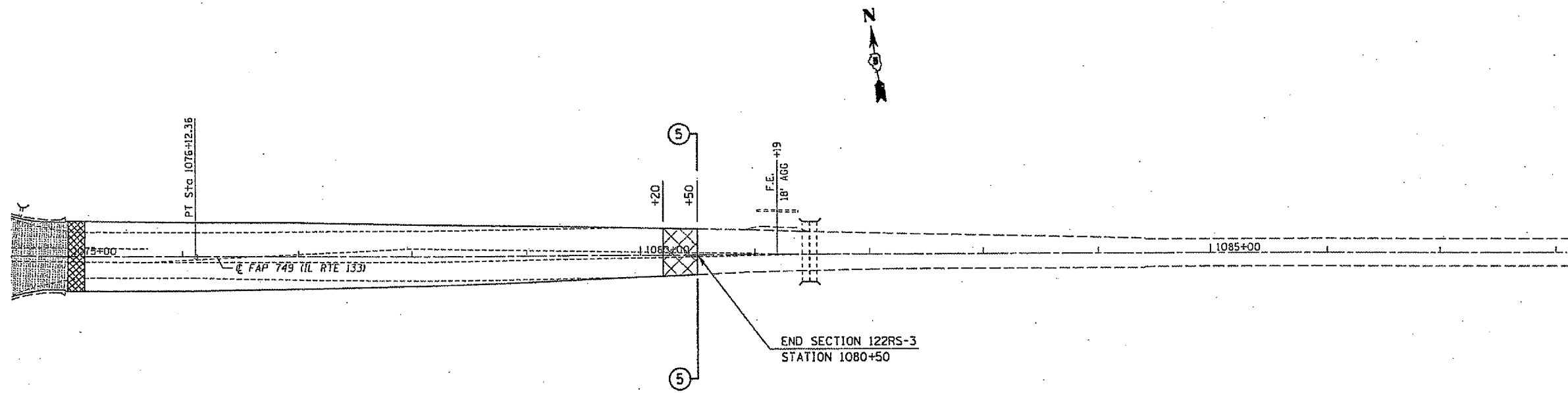
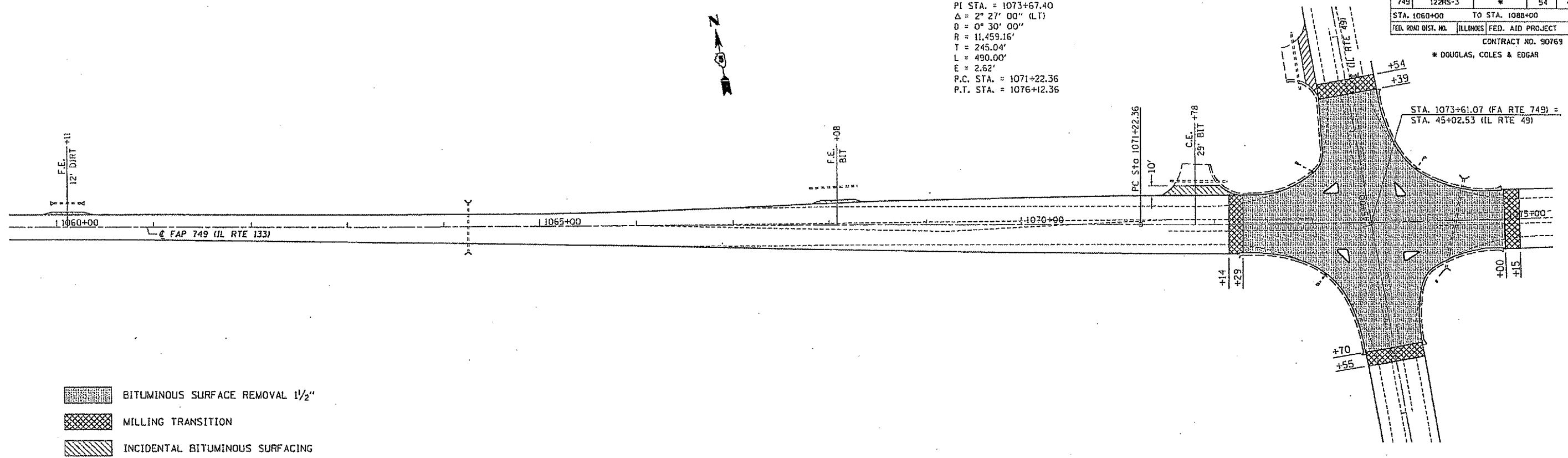
 INCIDENTAL BITUMINOUS SURFACING



ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY
 SCALE: DRAWN BY: CADD
 DATE 04/28/04 CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	#	54	42
STA. 1060+00		TO STA. 1088+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 90769				
* DOUGLAS, COLES & EDGAR				

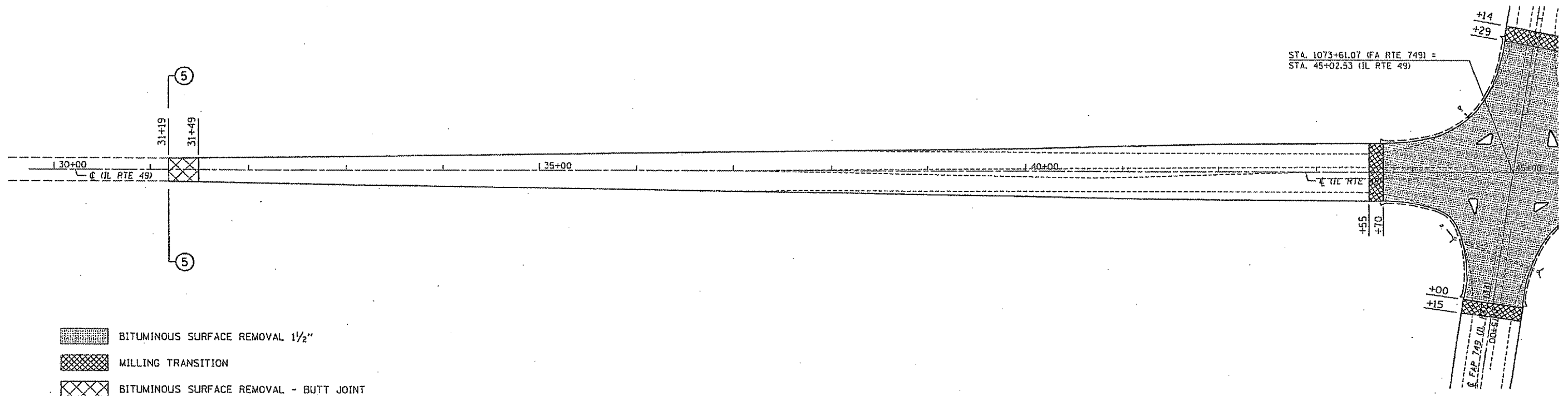
EXIST. CURVE DATA
 PI STA. = 1073+67.40
 $\Delta = 2^\circ 27' 00''$ (LT)
 $D = 0^\circ 30' 00''$
 $R = 11,459.16'$
 $T = 245.04'$
 $L = 490.00'$
 $E = 2.62'$
 P.C. STA. = 1071+22.36
 P.T. STA. = 1076+12.36



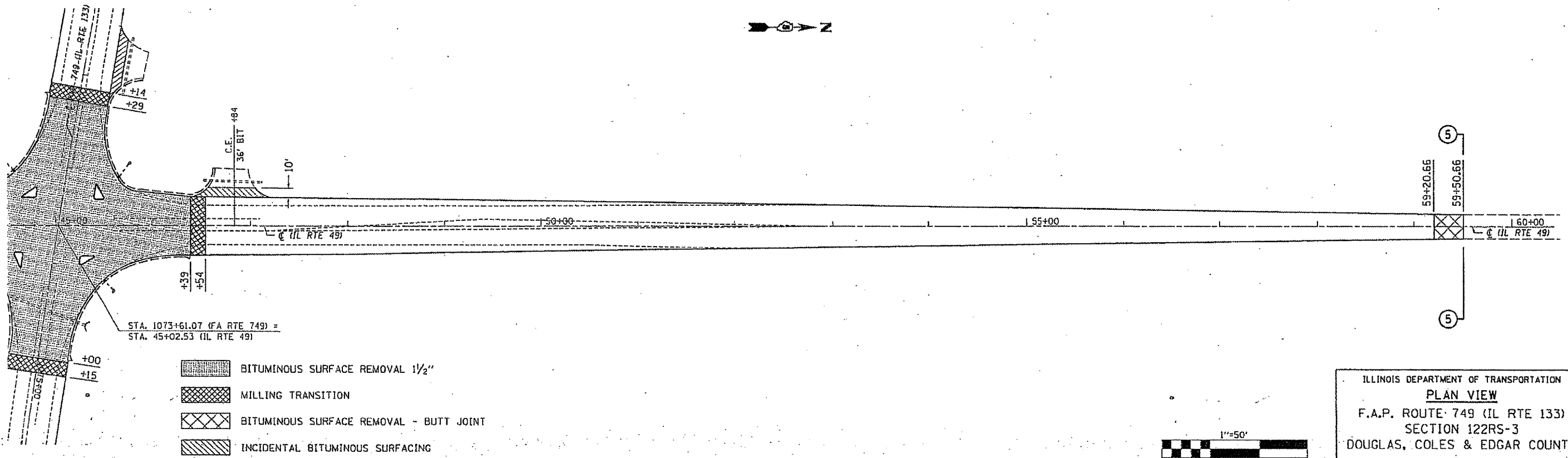
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

SCALE: 1"=50'
 DATE 04/28/04
 DRAWN BY: CADD
 CHECKED BY:

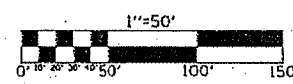
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	#	54	43
STA. 30+00		TO STA. 60+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* DOUGLAS, COLES & EDGAR CONTRACT NO. 90769				



- BITUMINOUS SURFACE REMOVAL 1 1/2"
- MILLING TRANSITION
- BITUMINOUS SURFACE REMOVAL - BUTT JOINT



- BITUMINOUS SURFACE REMOVAL 1 1/2"
- MILLING TRANSITION
- BITUMINOUS SURFACE REMOVAL - BUTT JOINT
- INCIDENTAL BITUMINOUS SURFACING

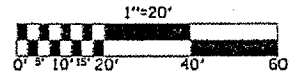
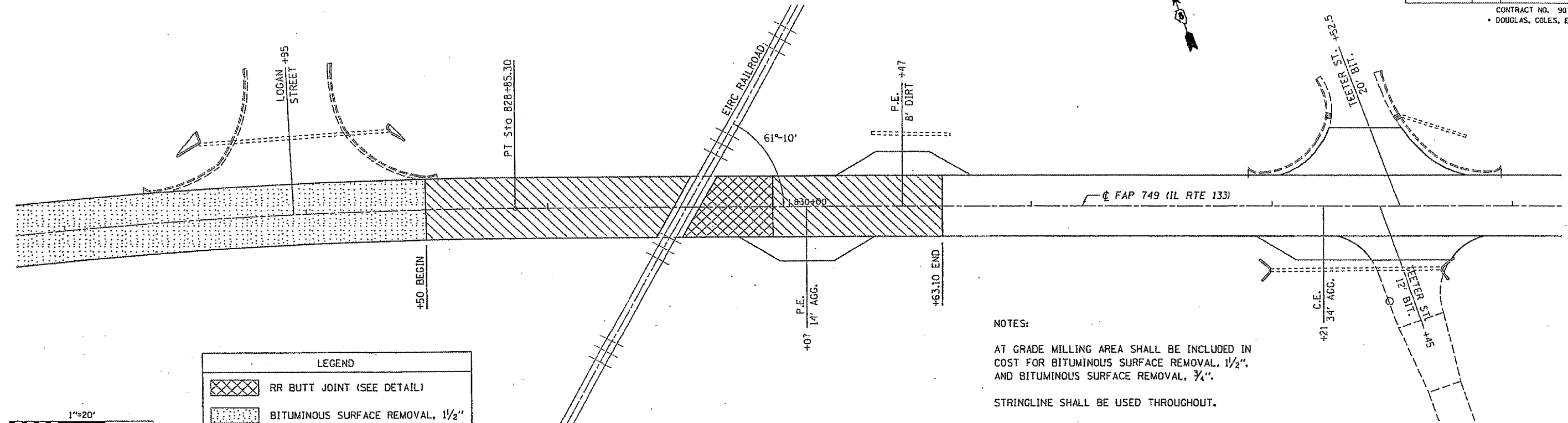


ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

SCALE: DATE 04/28/04
 DRAWN BY: CADD
 CHECKED BY:

EIRC AT GRADE MILLING DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	44
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 90769 • DOUGLAS, COLES, EDGAR				



LEGEND	
	RR BUTT JOINT (SEE DETAIL)
	BITUMINOUS SURFACE REMOVAL, 1 1/2"
	AT GRADE MILLING AREA

NOTES:

AT GRADE MILLING AREA SHALL BE INCLUDED IN COST FOR BITUMINOUS SURFACE REMOVAL, 1 1/2", AND BITUMINOUS SURFACE REMOVAL, 3/4".
STRINGLINE SHALL BE USED THROUGHOUT.

PLAN	DATE
REVISIONS	BY
DATE	BY
DATE	BY
DATE	BY

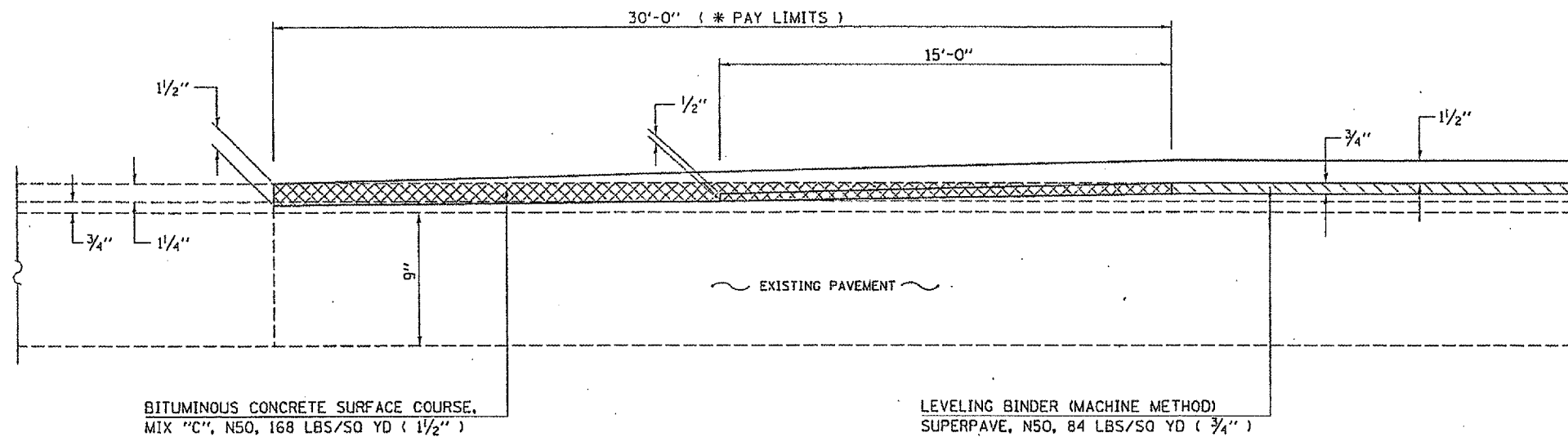
PROFILE	DATE
REVISIONS	BY
DATE	BY
DATE	BY
DATE	BY

ELEVATION	STATION		ELEVATION
	PROPOSED LEFT EDGE OF PAVEMENT	EXISTING LEFT EDGE OF PAVEMENT	
657	828+50	829+00	657
655	828+50	829+00	655
653	828+50	829+00	653
657	828+50	829+00	657
655	828+50	829+00	655
653	828+50	829+00	653
657	828+50	829+00	657
655	828+50	829+00	655
653	828+50	829+00	653

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	45

CONTRACT NO. 90769
 • DOUGLAS, COLES & EDGAR

DETAIL OF BITUMINOUS SURFACE REMOVAL - BUTT JOINT



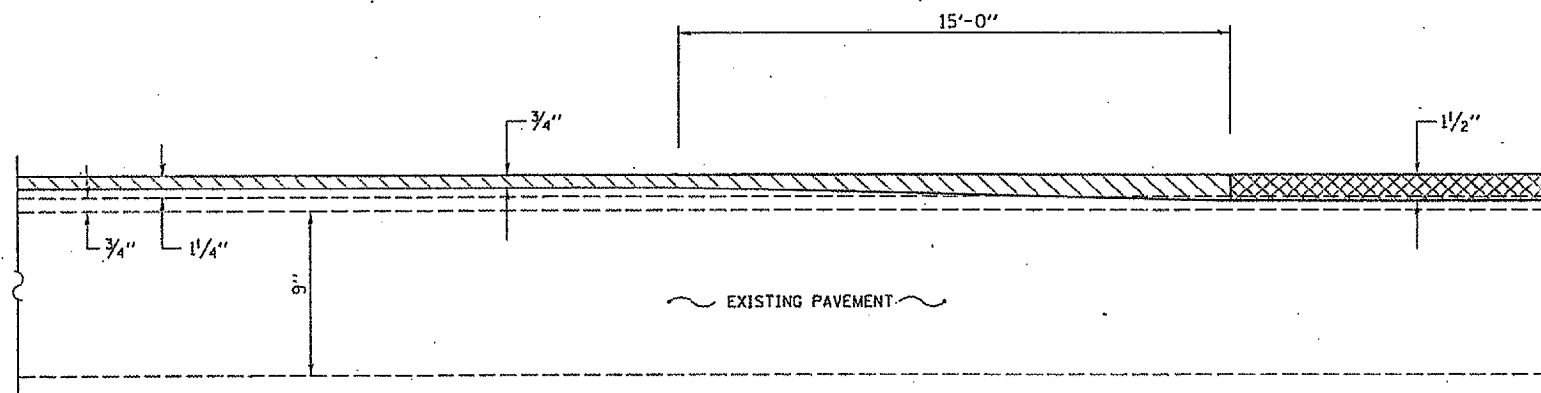
- BITUMINOUS SURFACE REMOVAL - BUTT JOINT
- BITUMINOUS SURFACE REMOVAL, 3/4"

* STATION TO STATION

550+20.6	550+50.6
711+19.33	711+49.33
714+69.81	714+99.81
930+20	930+50
936+20	936+50
1080+20	1080+50
31+19	31+49
59+50.66	59+20.66

DETAIL OF MILLING TRANSITION FROM 3/4" TO 1 1/2"

STATION	TO	STATION
809+85		810+00
1072+14		1072+29
1075+00		1075+15
43+55		43+70
46+39		46+54



- BITUMINOUS SURFACE REMOVAL, 1/2"
- BITUMINOUS SURFACE REMOVAL, 3/4"

ILLINOIS DEPARTMENT OF TRANSPORTATION
**BITUMINOUS SURFACE
 REMOVAL DETAILS**
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

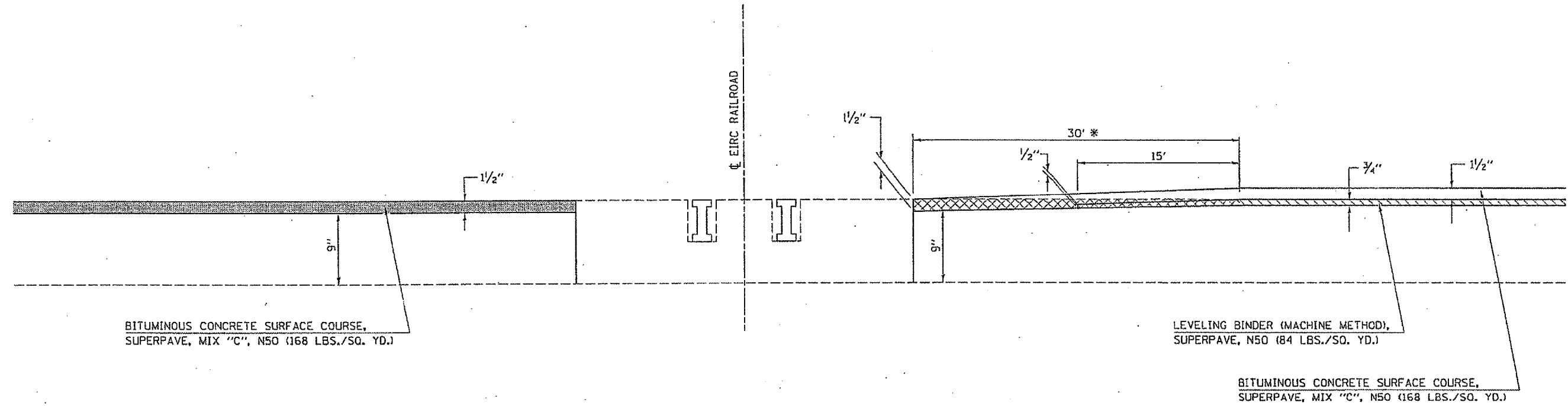
SCALE: DO NOT SCALE. DRAWN BY: CADD
 DATE: 04/29/04 CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	46

CONTRACT NO. 90769
 • DOUGLAS, COLES & EDGAR

DETAIL OF BITUMINOUS SURFACE REMOVAL - BUTT JOINT FOR EIRC AT GRADE CROSSING

STATION TO STATION
 829+63.10 829+93.10



BITUMINOUS CONCRETE SURFACE COURSE,
 SUPERPAVE, MIX "C", N50 (168 LBS./SQ. YD.)

LEVELING BINDER (MACHINE METHOD),
 SUPERPAVE, N50 (84 LBS./SQ. YD.)

BITUMINOUS CONCRETE SURFACE COURSE,
 SUPERPAVE, MIX "C", N50 (168 LBS./SQ. YD.)

- AT GRADE MILLING AREA
- BITUMINOUS SURFACE REMOVAL - BUTT JOINT
- BITUMINOUS SURFACE REMOVAL, 3/4"

NOTE:
 SEE EIRC AT GRADE MILLING
 DETAIL SHEET

* PAY LIMITS BITUMINOUS
 SURFACE REMOVAL - BUTT JOINT

ILLINOIS DEPARTMENT OF TRANSPORTATION
BITUMINOUS SURFACE REMOVAL
DETAILS EIRC GRADE CROSSING

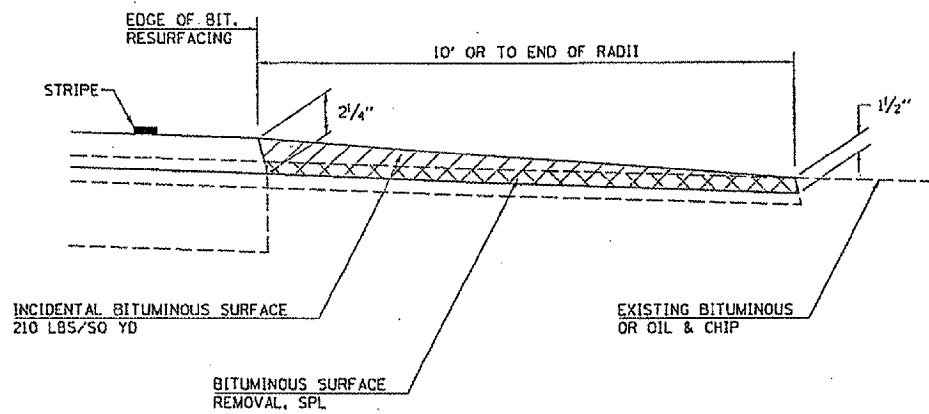
F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

SCALE: DO NOT SCALE DRAWN BY: CADD
 DATE: 06/01/04 CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.	SHEET NO.
749	122RS-3		54	47

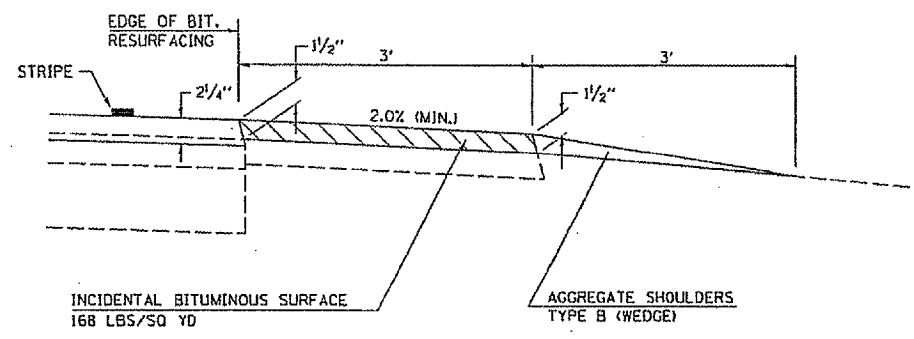
CONTRACT NO. 90769
 • DOUGLAS, COLES & EDGAR

PRIVATE ENTRANCE, COMMERCIAL ENTRANCE, OR SIDEROAD
 (BITUMINOUS OR OIL & CHIP)



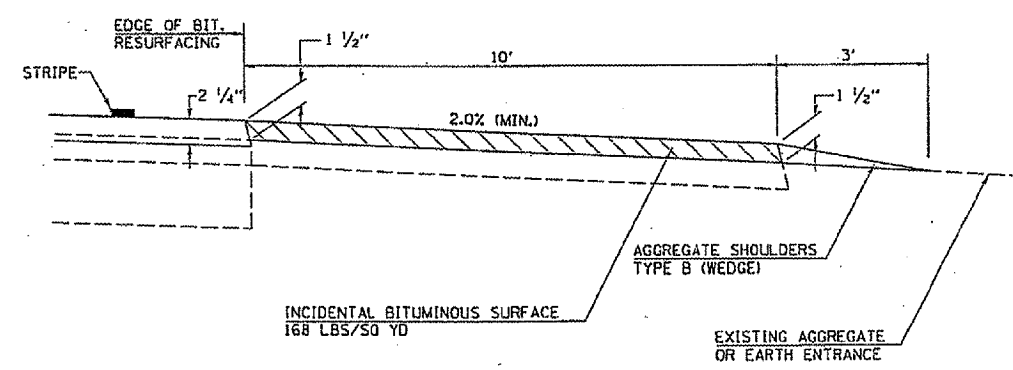
NOTES: THE INCIDENTAL BITUMINOUS SURFACING IS INTENDED TO RESURFACE THE EXISTING ENTRANCES IN THEIR ENTIRETY. THE EXISTING SIDEROADS SHOULD BE RESURFACED TO MAINTAIN THEIR CURRENT RADII UNLESS OTHERWISE SHOWN IN PLANS.

FIELD ENTRANCE
 (AGGREGATE OR EARTH)



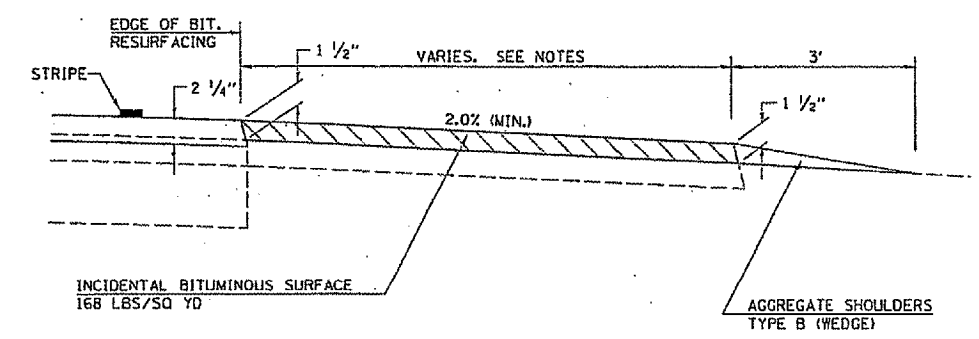
NOTES: THE INCIDENTAL BITUMINOUS SURFACING IS INTENDED TO RESURFACE THE EXISTING ENTRANCES IN THEIR ENTIRETY UNLESS OTHERWISE SHOWN IN PLANS.

PRIVATE OR COMMERCIAL ENTRANCE
 (AGGREGATE OR EARTH)



NOTES: THE INCIDENTAL BITUMINOUS SURFACING IS INTENDED TO RESURFACE THE EXISTING ENTRANCES IN THEIR ENTIRETY UNLESS OTHERWISE SHOWN IN PLANS.

MAILBOX TURNOUTS

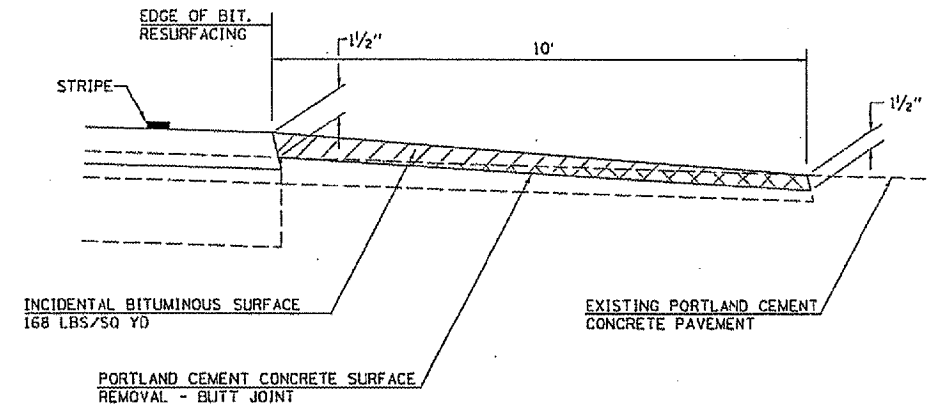


NOTES: THE INCIDENTAL BITUMINOUS SURFACING IS INTENDED TO RESURFACE THE EXISTING MAILBOX TURNOUTS IN THEIR ENTIRETY UNLESS OTHERWISE SHOWN IN PLANS.

F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	48

CONTRACT NO. 90769
• DOUGLAS, COLES & EDGAR

CONCRETE ENTRANCE OR SIDEROAD DETAIL

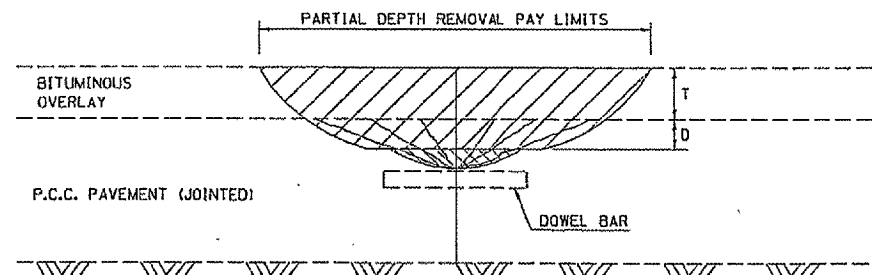


NOTES: THE INCIDENTAL BITUMINOUS SURFACING IS INTENDED TO RESURFACE THE EXISTING ENTRANCES IN THEIR ENTIRETY. THE EXISTING SIDEROADS SHOULD BE RESURFACED TO MAINTAIN THEIR CURRENT RADII UNLESS OTHERWISE SHOWN IN PLANS.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	49

CONTRACT NO. 90769
 • DOUGLAS, COLES & EDGAR

PAVEMENT PATCHING (PARTIAL DEPTH)
 (PREVIOUSLY RESURFACED JOINTED P. C. C. PAVEMENT)



GENERAL NOTES

ALL VOLUME OF REMOVAL LIMITS TO BE REPLACED WITH BITUMINOUS MIXTURE FOR PATCHING.
 T = THICKNESS OF BITUMINOUS OVERLAY(SI). SEE TYPICAL CROSS SECTIONS.
 D = DEPTH OF MACHINE REMOVAL INTO EXISTING P. C. C. PAVEMENT (3" (75 mm) ± OR TO SOUND CONCRETE).
 JOINT LOCATION SHOWN - OTHER LOCATIONS SIMILAR.

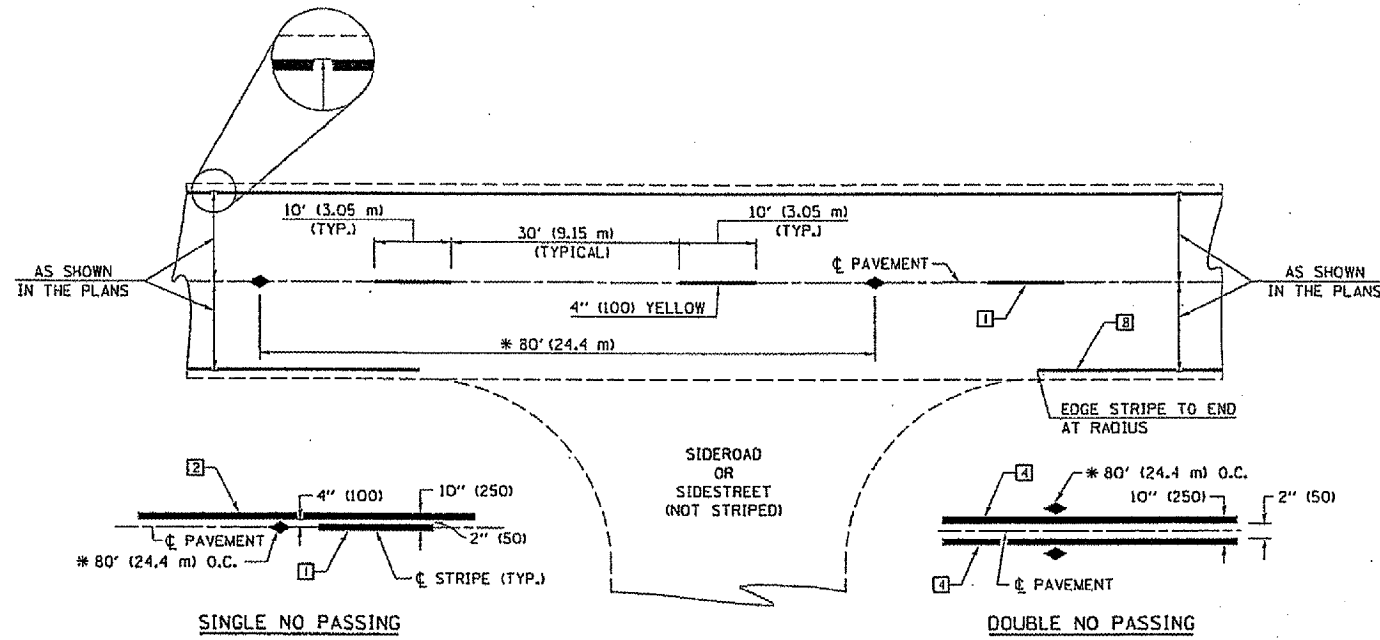
	NAME	DATE	REVISIONS	
			NAME	DATE
DESIGNED	D.L.P.	2/99		
CHECKED	J.M.S.	2/99	D.L.P.	03/99
CADD NO.	C-5.01		K.A.G.	06/03

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

F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	90

CONTRACT NO. 90769
 • DOUGLAS, COLES & EDGAR

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.

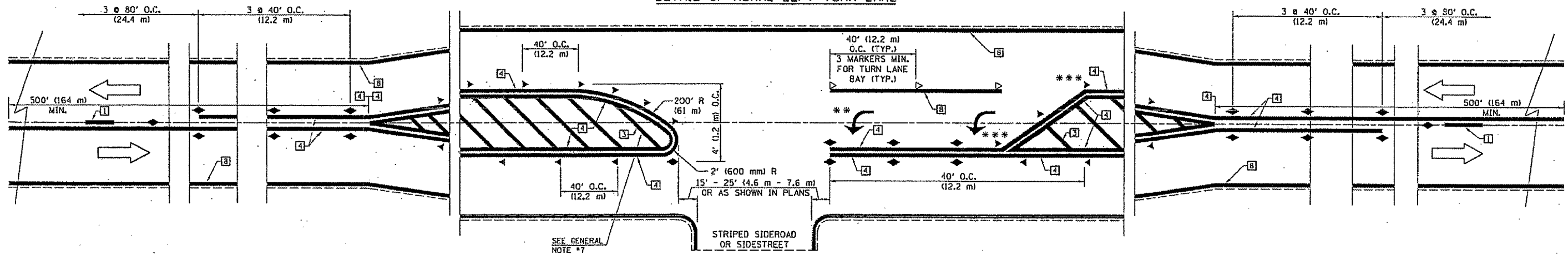
TYPICAL PAVEMENT MARKING LEGEND

- 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
J.M.H.		5/95	
FMS		6/95	
CTD		6/98	
CADD NO.	F-5.25		

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

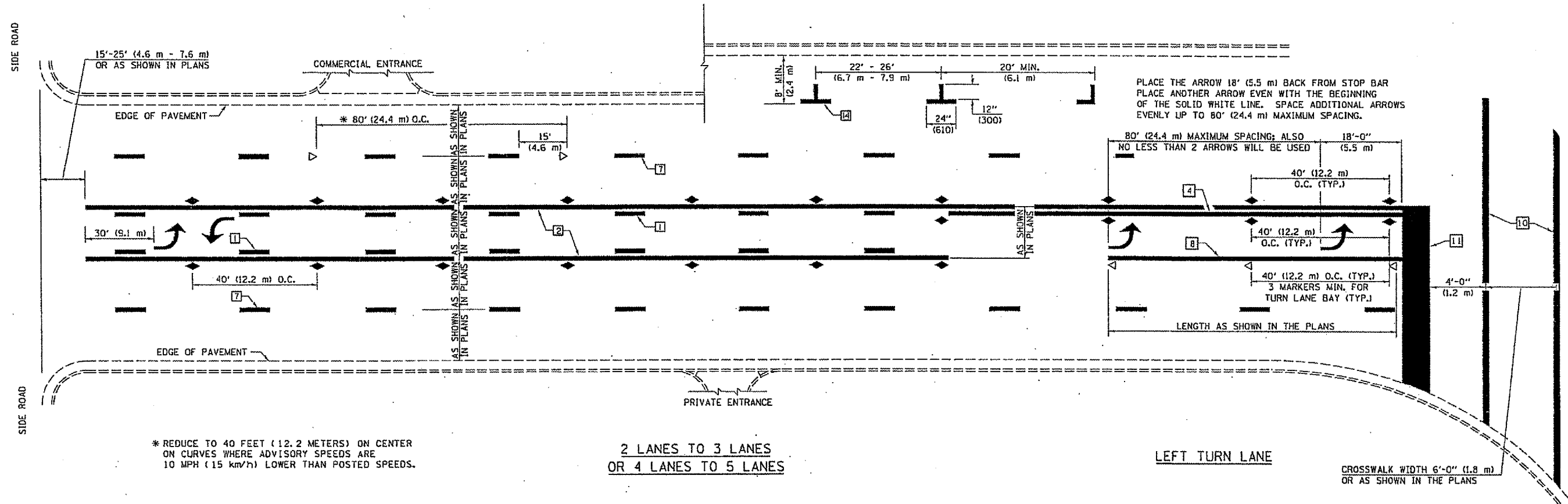
GEOMETRICS/K.A.G. 07/02

K.A.G. 08/03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	-	54	51

CONTRACT NO. 90769
 • DOUGLAS, COLES & EDGAR

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



SHEET 2 OF 3

	NAME	DATE	REVISIONS
DESIGNED	J.M.H.	5/85	E/BB
CHECKED	FMS	6/85	E/BB
CADD NO.	F-5.25		

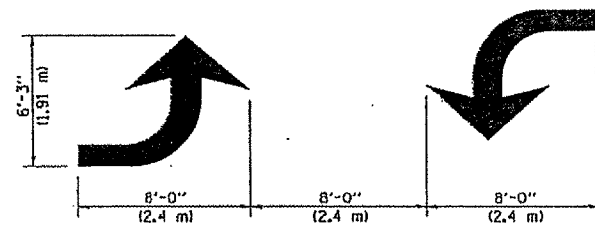
NAME	DATE
GEOMETRICS/K.A.G.	07/02
K.A.G.	08/03

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

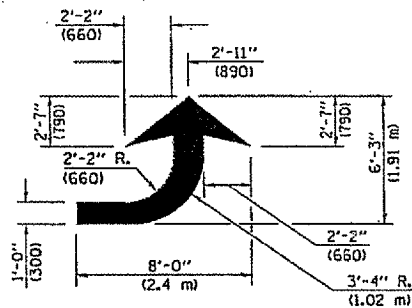
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		54	52

CONTRACT NO. 90769
• DOUGLAS, COLES & EDGAR

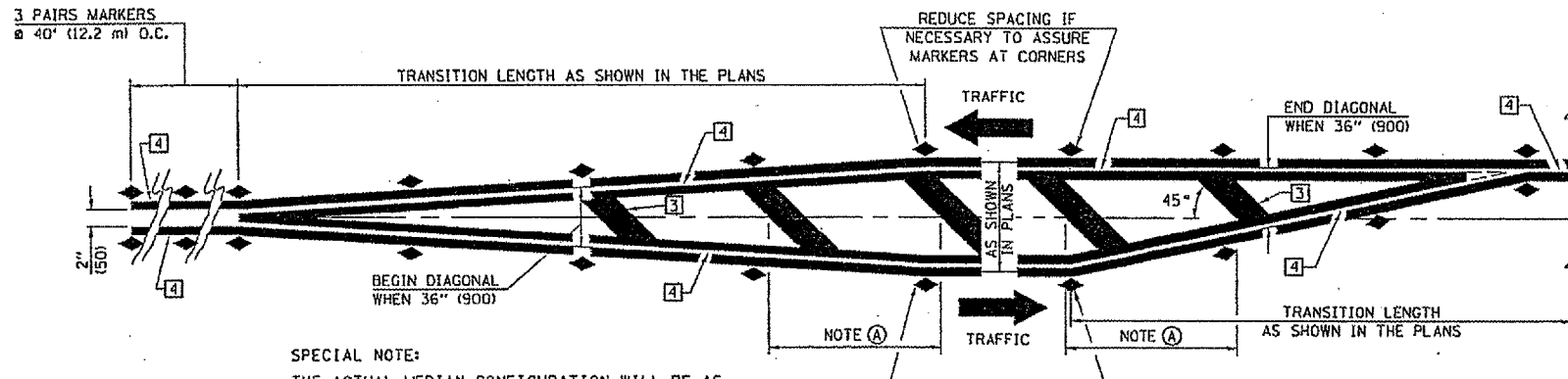
TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



TYPICAL DOUBLE TURN ARROWS (WHITE)



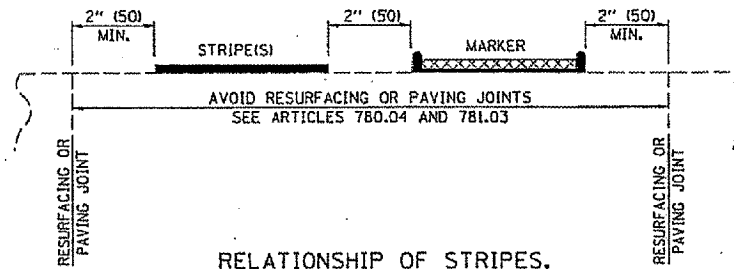
LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



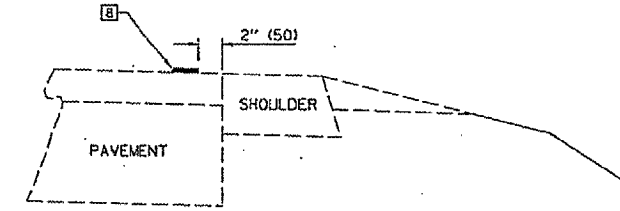
SPECIAL NOTE:
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).

TYPICAL MEDIAN TRANSITIONS

NOTE (A)
THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:
< 30 MPH USE 15' (< 50 km/h USE 4.5 m)
30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
> 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RELATIONSHIP OF EDGE STRIPE TO SAFETY SHOULDER OR PAVED SURFACE

SPECIAL NOTES:

TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.

THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.

THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ABOVE.

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SCALE: NONE
3. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
4. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
5. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
6. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
7. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:
< 30 MPH USE 15' (< 50 km/h USE 4.5 m)
30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
> 45 MPH USE 30' (> 75 km/h USE 9.0 m)

SHEET 3 OF 3

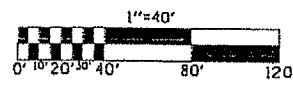
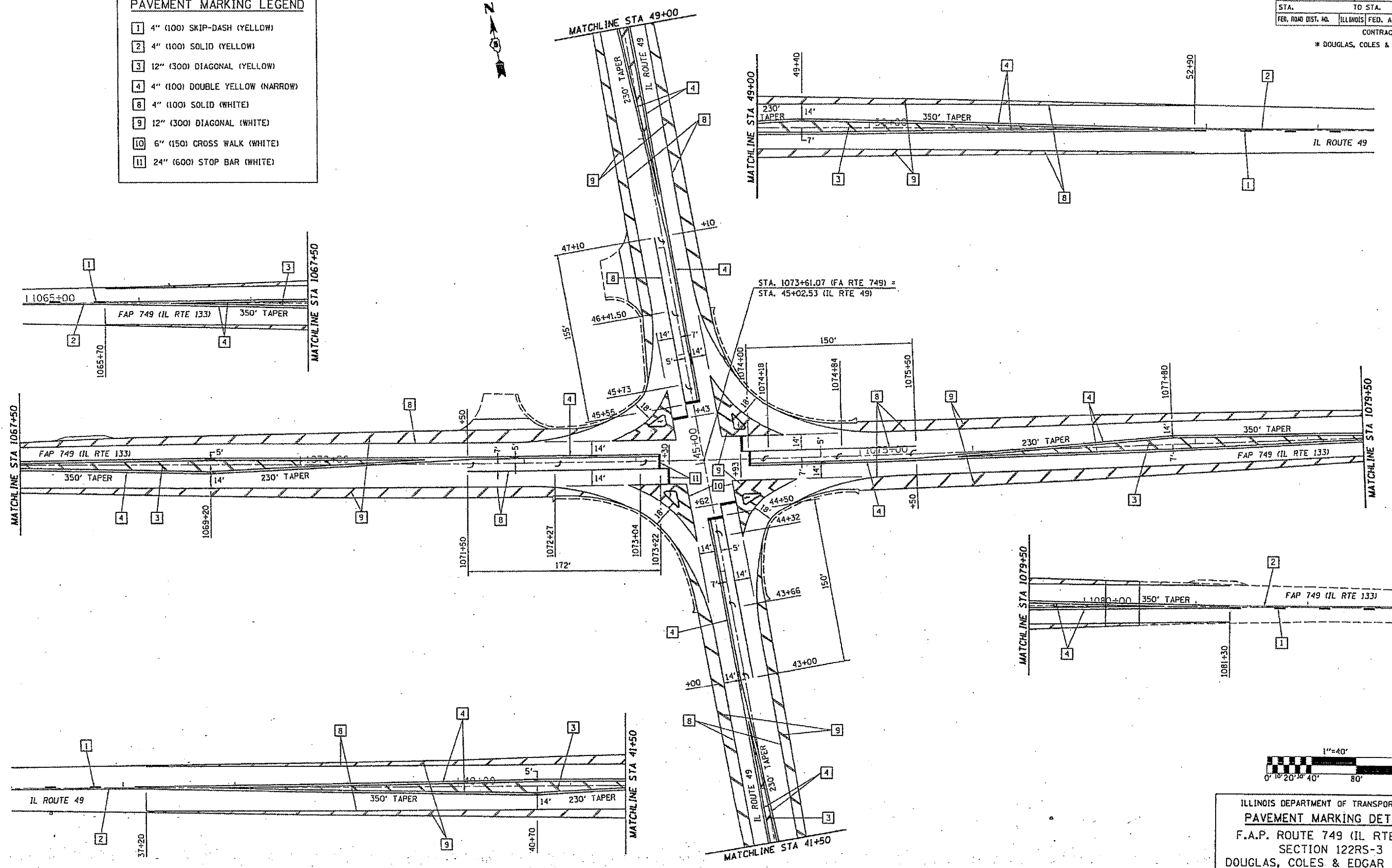
NAME	DATE	REVISIONS
DESIGNED J.M.H.	5/85	NAME
CHECKED F.M.S.	6/85	GEOMETRICS/K.A.G.
CADD NO. F-5.25	6/88	K.A.G.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3	*	54	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 90769		
* DOUGLAS, COLES & EDGAR				

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)
8	4" (100) SOLID (WHITE)
9	12" (300) DIAGONAL (WHITE)
10	6" (150) CROSS WALK (WHITE)
11	24" (600) STOP BAR (WHITE)



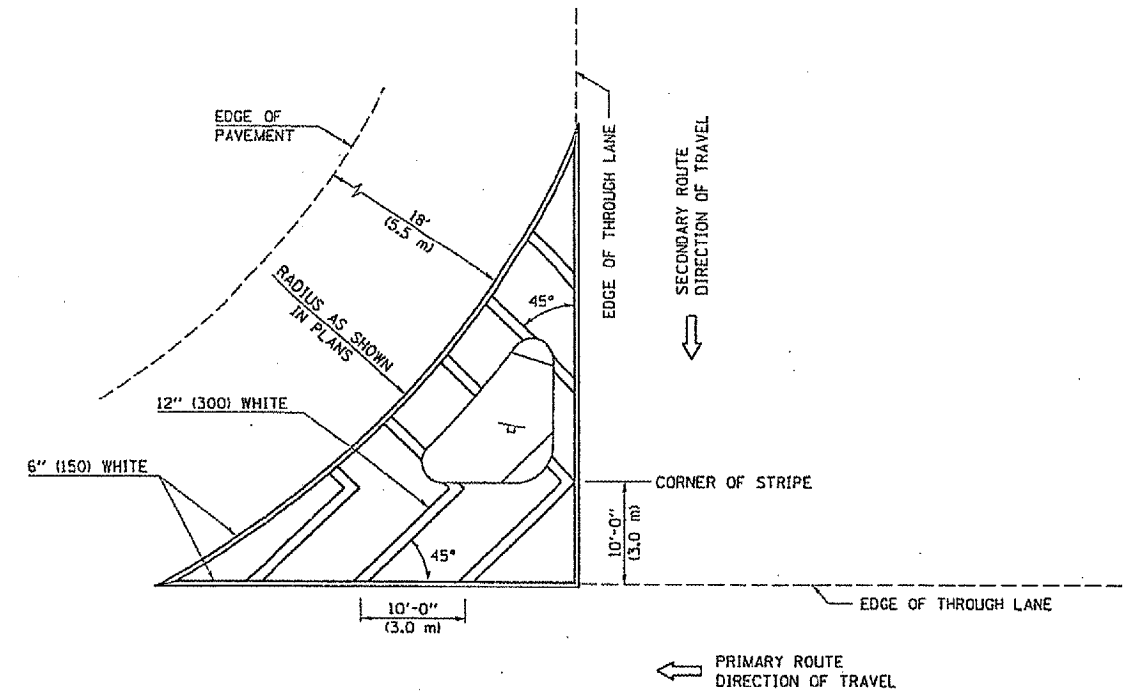
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING DETAILS
 F.A.P. ROUTE 749 (IL RTE 133)
 SECTION 122RS-3
 DOUGLAS, COLES & EDGAR COUNTY

SCALE: DATE 05/20/04 DRAWN BY: CADD CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	122RS-3		94	54

CONTRACT NO. 90769
 • DOUGLAS, COLES & EDGAR

DETAIL OF TYPICAL PAINTED ISLAND



	NAME	DATE	REVISIONS	
			NAME	DATE
DESIGNED	C.K.P.	11-97		
CHECKED	D.L.P.	11-97	J.L.A.	06/03
CADD NO.	F-5.15			

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