

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	1

CONTRACT NO. 70495

* D5 CRACK & JOINT SEAL 2006-4
** DEWITT/PIATT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 717 & 71
SECTION D5 CRACK & JOINT SEAL 2006-4
DEWITT COUNTY**

C-95-017-06

ROUT & SEAL CRACKS

D-95-017-06



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

SEE SHEET 3 FOR LOCATION MAP

DESIGN DESIGNATION
N/A

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Dec 23 2005
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

February 3 2006
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 3 2006
[Signature] P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5

PROJECT ENGINEER: TIM BRANDENBURG (217)465-4181
SQUAD LEADER: MICHAEL LEROY
DESIGNER: DANA HENNESS

PLOT DATE : 12/1/2005
FILE NAME : c:\p\projects\70495\cover\70495.dgn
PLOT SCALE : 1/8"=1'-0"
USER NAME : philipspj

CONTRACT NO. 70495

FOR TOTAL & NET LENGTHS, SEE SHEETS NO. 3 - 4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	■	■ ■	20	2

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

■ DS CRACK & JOINT SEAL 2006-4
 ■ ■ DEWITT/PIATT

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS/HIGHWAY STANDARDS
3	LOCATION MAP
4	GENERAL NOTES
5	SUMMARY OF QUANTITIES
6	SCHEDULE OF QUANTITIES
7-16	TYPICAL CROSS SECTIONS
17	TYPICAL DETAILS FOR CRACK SEALING FOR BITUMINOUS PAVEMENT
18-20	TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS

HIGHWAY STANDARDS

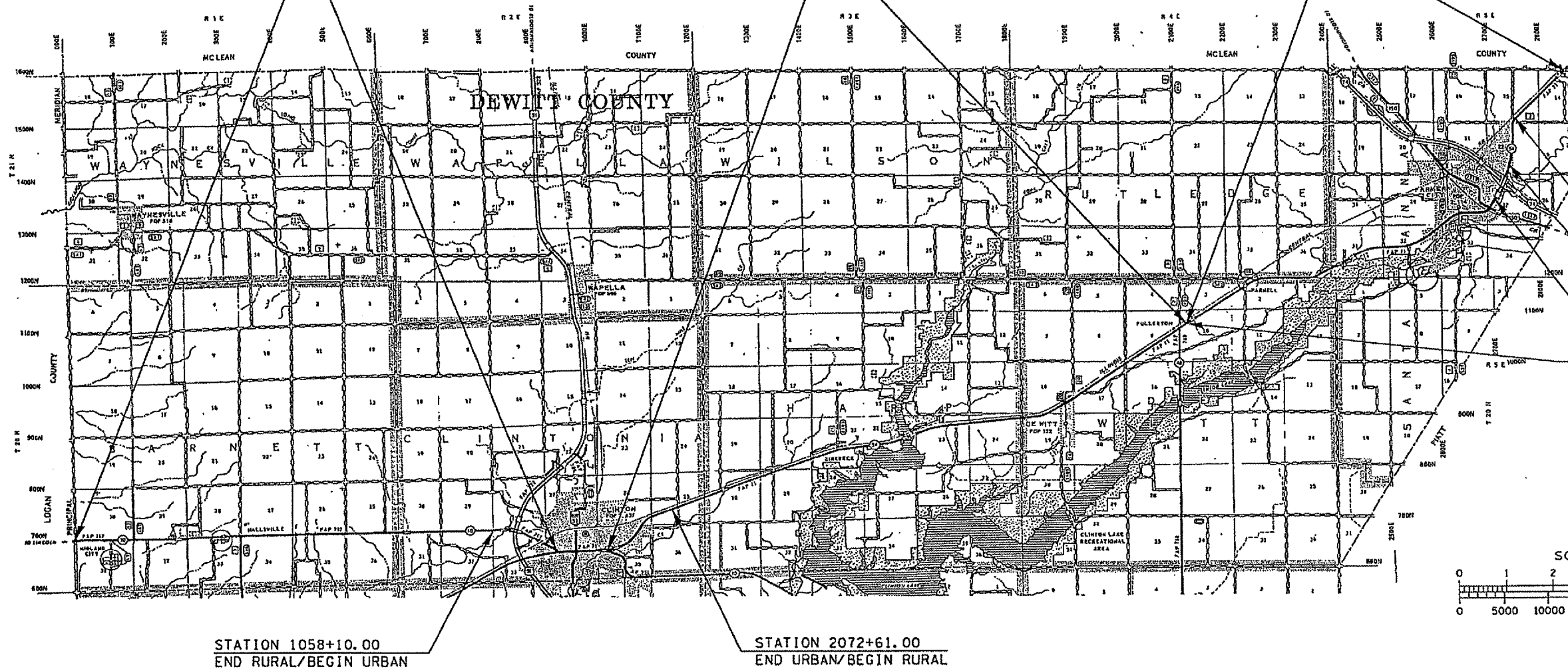
001006	DECIMAL OF AN INCH AND OF A FOOT
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-01	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-04	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
702001-05	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS

CONTRACT NO. 70495				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	■	■	20	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* DS CRACK & JOINT SEAL 2006-4				
** DEWITT/PIATT				

LOCATION #3 (RURAL/URBAN)
BEGIN STATION 630+85.00 TO
END STATION 1127+26.91

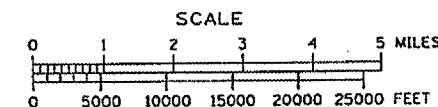
LOCATION #1 (URBAN/RURAL)
BEGIN STATION 2007+17.89 TO
END STATION 2648+16.21

LOCATION #2 (RURAL)
BEGIN STATION 354+00.00 TO
END STATION 146+12.19



STATION EQUATIONS (LOC #2):

- ① STATION 802+43.40 (BACK) = STATION 78+00.00 (AHEAD)
- ② STATION 1753+53.76 (BACK) = STATION 753+53.76 (AHEAD)
- ③ STATION 720+61.92 (BACK) = STATION 1720+48.96 (AHEAD)
- ④ STATION 2648+16.21 (BACK) = STATION 354+00.00 (AHEAD)



STATION 1058+10.00
END RURAL/BEGIN URBAN

STATION 2072+61.00
END URBAN/BEGIN RURAL

BRIDGE OMISSIONS (LOCATION #3):

S. N. 020-0006 - STA. 737+98.00 TO STA. 739+22.00
S. N. 020-0007 - STA. 1069+44.87 TO STA. 1070+51.14

BRIDGE OMISSION (LOCATION #1):

S. N. 020-0043 - STA. 2338+10.99 TO STA. 2340+46.47

BRIDGE OMISSIONS (LOCATION #2):

S. N. 020-0035 - STA. 1726+72.00 TO STA. 1727+80.50
S. N. 020-0034 - STA. 1734+93.06 TO STA. 1737+68.01
S. N. 020-0012 - STA. 140+81.40 TO STA. 142+74.60

RESURFACING OMISSIONS (LOCATION #3):

STA. 1073+84.00 TO STA. 1094+83.85
STA. 1107+00.00 TO STA. 1116+34.50

RAILROAD OMISSION (LOCATION #1):

STA. 2389+33.44 TO STA. 2389+61.17

RAILROAD OMISSION (LOCATION #2):

STA. 699+32.85 TO STA. 699+40.85

TOTAL LENGTH OF LOCATION #3 = 49,641.91 FEET = 9.402 MILES
NET LENGTH OF LOCATION #3 = 46,377.29 FEET = 8.784 MILES

TOTAL LENGTH OF LOCATION #1 = 64,098.32 FEET = 12.140 MILES
NET LENGTH OF LOCATION #1 = 63,835.11 FEET = 12.090 MILES

TOTAL LENGTH OF LOCATION #2 = 51,668.55 FEET = 9.786 MILES
NET LENGTH OF LOCATION #2 = 51,083.90 FEET = 9.675 MILES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	#	**	20	4

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

* DS CRACK & JOINT SEAL 2006-4
 ** DENITT/PIATT

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. - 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, THE CENTERLINE LONGITUDINAL JOINT, LONGITUDINAL CRACKS AT WIDENING AND SHOULDER JOINTS, AND MISCELLANEOUS LONGITUDINAL CRACKS BETWEEN THE WHEEL LANES FROM STATION 2007+14.00 TO STATION 2648+16.21. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE TO BE OMITTED.

LONGITUDINAL: 40,801.0 LBS.
 TRANSVERSE: 12,022.0 LBS.
 TOTAL: 52,823.0 LBS. (ESTIMATED)

LOCATION #2

THE INTENT AT LOCATION #2 IS TO ROUT AND SEAL ALL TRANSVERSE CRACKS, THE CENTERLINE LONGITUDINAL JOINT, LONGITUDINAL CRACKS AT WIDENING AND SHOULDER JOINTS, AND MISCELLANEOUS LONGITUDINAL CRACKS BETWEEN THE WHEEL LANES FROM STATION 354+00.00 TO STATION 146+12.19. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE TO BE OMITTED.

LONGITUDINAL: 28,828.0 LBS.
 TRANSVERSE: 3,095.0 LBS.
 TOTAL: 31,923.0 LBS. (ESTIMATED)

LOCATION #3

THE INTENT AT LOCATION #3 IS TO ROUT AND SEAL ALL TRANSVERSE CRACKS, THE CENTERLINE LONGITUDINAL JOINT, LONGITUDINAL CRACKS AT WIDENING AND SHOULDER JOINTS, AND MISCELLANEOUS LONGITUDINAL CRACKS BETWEEN THE WHEEL LANES FROM STATION 630+85.00 TO STATION 1127+26.91. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE TO BE OMITTED.

LONGITUDINAL: 20,549.0 LBS.
 TRANSVERSE: 1,648.0 LBS.
 TOTAL: 22,197.0 LBS. (ESTIMATED)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* D5 CRACK & JOINT SEAL 2006-4				
** DEWITT/PIATT				

SUMMARY OF QUANTITIES

LOCATION OF WORK: VARIOUS ROUTES
D5 CRACK AND JOINT SEAL 2006-4
VARIOUS COUNTIES

RURAL	URBAN
100% STATE	100% STATE
ROUT & SEAL	ROUT & SEAL
DEWITT CO.	DEWITT CO.
F000	F000

CONSTRUCTION TYPE CODE:

<u>CODE NO.</u>	<u>ITEM</u>	<u>UNIT</u>	<u>TOTAL</u> <u>QUANTITY</u>	<u>QUANTITY</u>	<u>QUANTITY</u>
45100100	CRACK ROUTING (PAVEMENT)	FOOT	267,357.0	243,931.0	23,426.0
45100200	CRACK FILLING	POUND	106,943.0	97,573.0	9,370.0
67100100	MOBILIZATION	L SUM	1.0	0.8	0.2
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	1.0	0.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	0.0	1.0
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.0	0.0	1.0
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0	0.0	1.0
• 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	70,231.0	67,961.0	2,270.0
•	SPECIALTY ITEM				

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* D5 CRACK & JOINT SEAL 2006-4
** DEWITT/PIATT

SCHEDULE OF QUANTITIES

LOCATION OF WORK: VARIOUS ROUTES
D5 CRACK AND JOINT SEAL 2006-4
VARIOUS COUNTIES

IL RTE. 54	IL RTE. 54	IL RTE. 54	IL RTE. 10	IL RTE. 10
DEWITT CO. URBAN 100% STATE STA 2007+17.89 TO STA 2072+61.00 LOCATION #1	DEWITT CO. RURAL 100% STATE STA 2072+61.00 TO STA 2648+16.21 LOCATION #1	DEWITT CO. RURAL 100% STATE STA 354+00.00 TO STA 146+12.19 LOCATION #2	DEWITT CO. RURAL 100% STATE STA 630+85.00 TO STA 1058+10.00 LOCATION #3	DEWITT CO. URBAN 100% STATE STA 1058+10.00 TO STA 1127+26.91 LOCATION #3

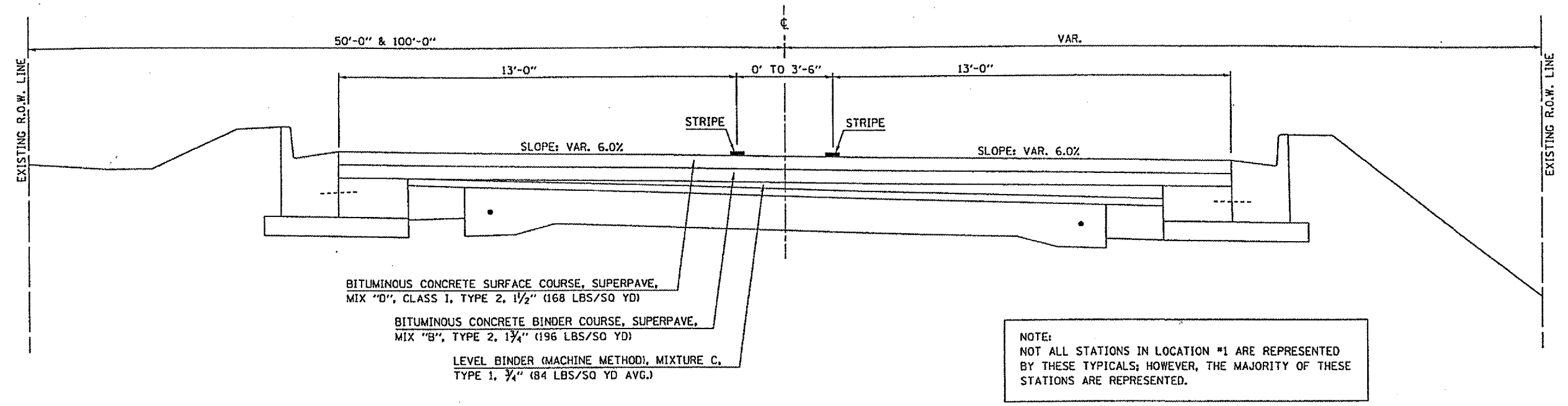
CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
45100100	CRACK ROUTING (PAVEMENT)	FOOT	267,357.0	16,435.0	115,621.0	79,808.0	48,502.0	6,991.0
45100200	CRACK FILLING	POUND	106,943.0	6,574.0	46,249.0	31,923.0	19,401.0	2,796.0
67100100	MOBILIZATION	L SUM	1.0	0.1	0.4	0.2	0.2	0.1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.0	0.5	0.3	0.2	0.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	0.0	0.0	0.0	0.0	1.0
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.0	1.0	0.0	0.0	0.0	0.0
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0	0.0	0.0	0.0	0.0	1.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	70,231.0	1,247.0	44,569.0	12,771.0	10,621.0	1,023.0
* SPECIALTY ITEM								

CONTRACT NO. 70495				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* D5 CRACK & JOINT SEAL 2006-4				
** DEWITT/PIATT				

TYPICAL CROSS SECTION 1

LOCATION #1

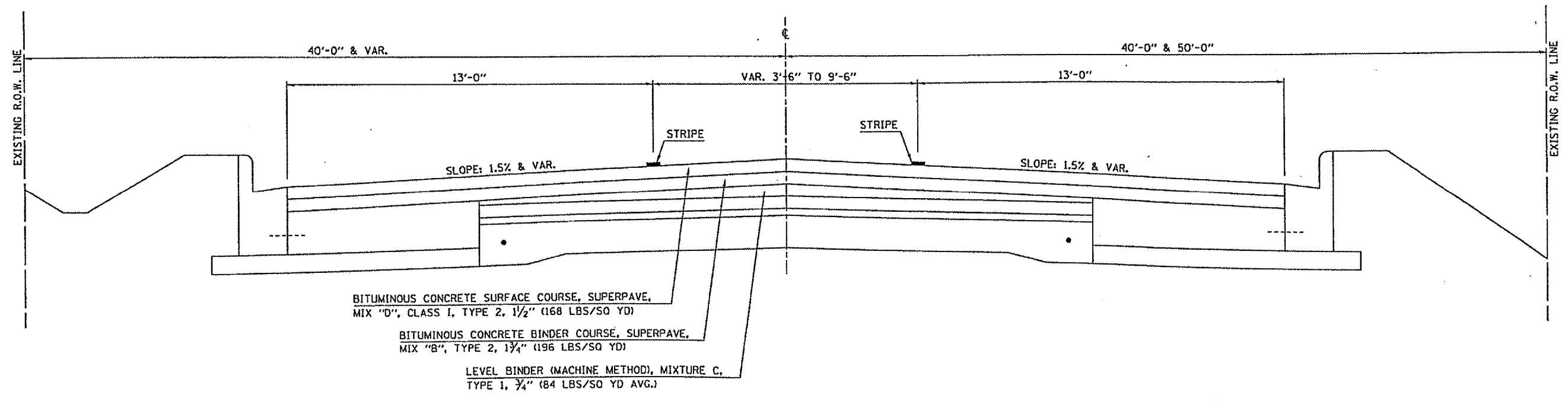
STATION TO STATION
2007+17.89 2008+91.93



TYPICAL CROSS SECTION 2

LOCATION #1

STATION TO STATION
2008+91.93 2009+54.91



PLOT DATE: 12/1/2005
 FILE NAME: m:\p\2005\70495\70495.dwg
 PLOT SCALE: 1/8" = 1'-0"
 USER NAME: phillips

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* DS CRACK & JOINT SEAL 2006-4				
** DEWITT/PIATT				

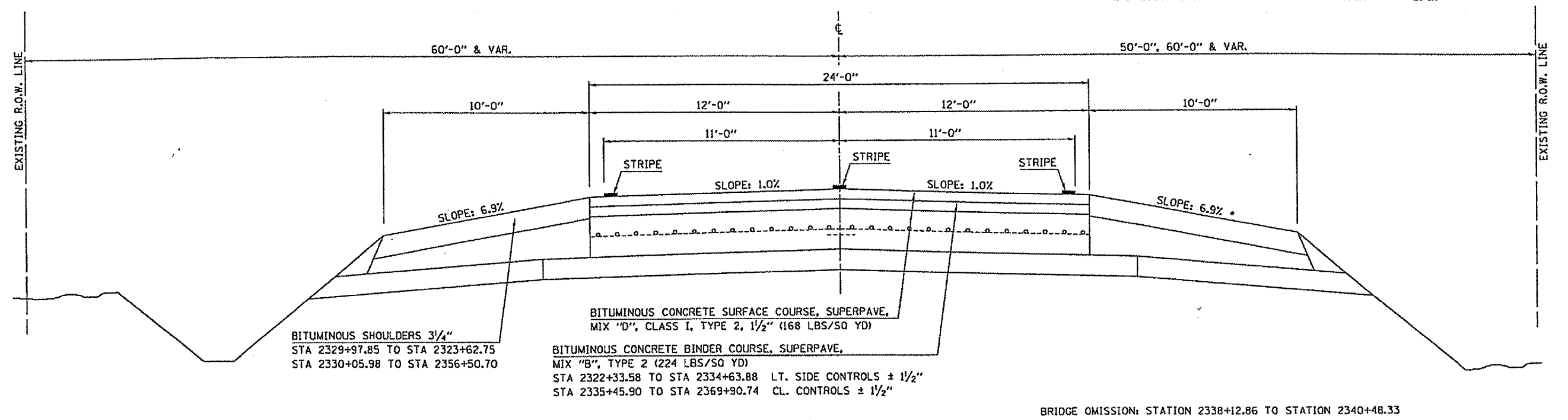
TYPICAL CROSS SECTION 5

LOCATION #1

STATION TO STATION
 2329+97.85 2338+12.86 (BRIDGE OMISSION)
 2340+48.33 2356+43.55

SUPERELEVATED LOCATIONS

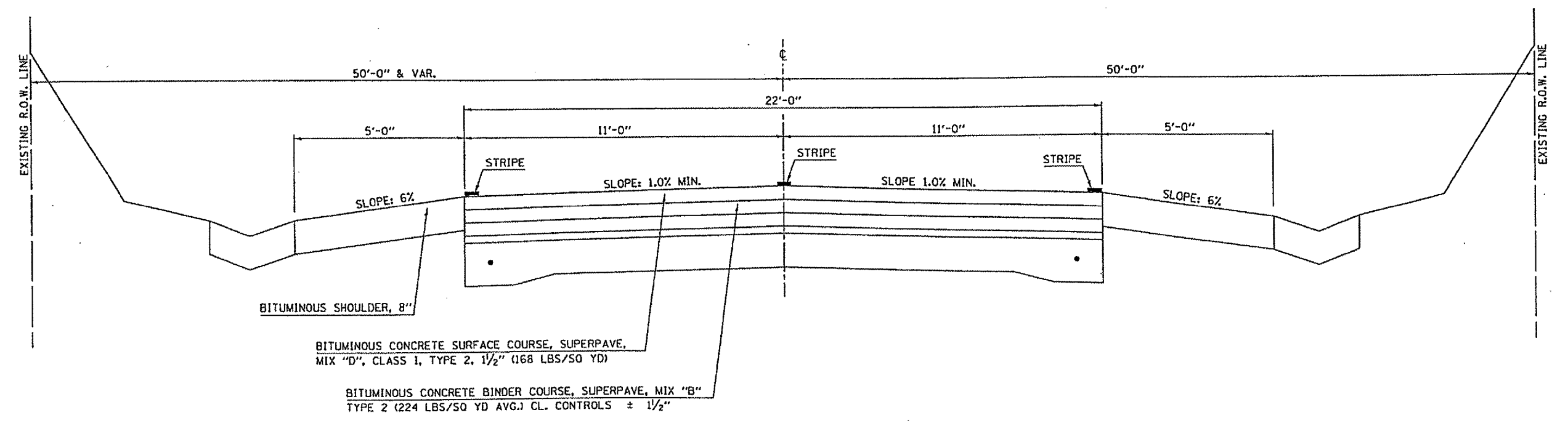
CURVE	STA.	TO	STA.	SE	SHOULDER SLOPE
L.T.	2321+43.97	LT.	2333+37.82	2.9%	5.1%



TYPICAL CROSS SECTION 6

LOCATION #1

STATION TO STATION
 2359+30.48 2365+30.47



PLT DATE: 12/1/2005
 FILE NAME: s:\projects\70495\70495.dwg
 PLOT SCALE: 1/8"=1'-0"
 USER: PHILIP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	10

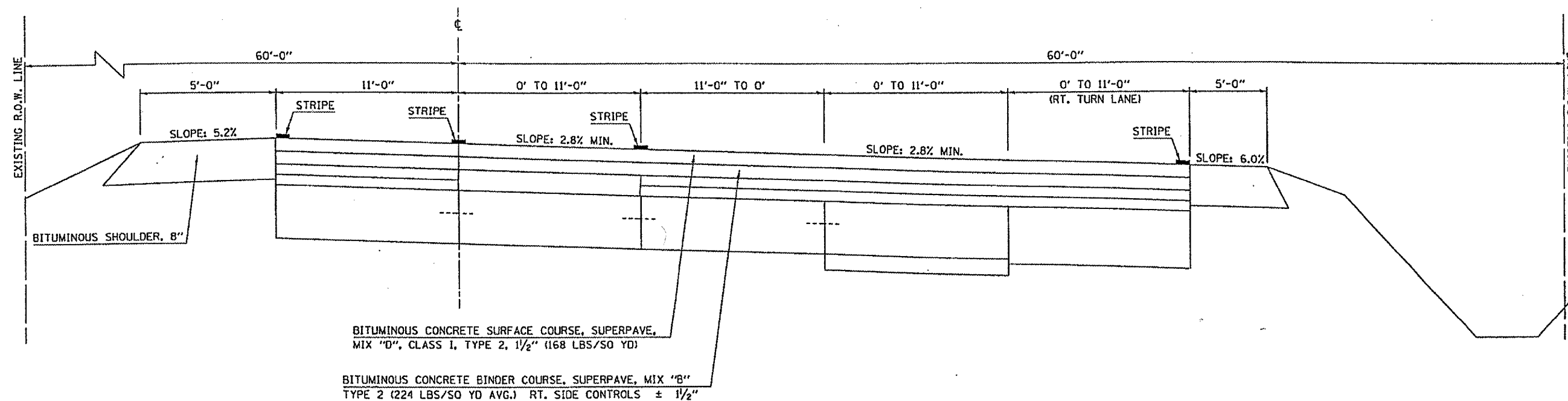
STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

* DS CRACK & JOINT SEAL 2006-4
 ** DENITT/PIATT

TYPICAL CROSS SECTION 7

STATION TO STATION
 2374+92.46 2381+57.46

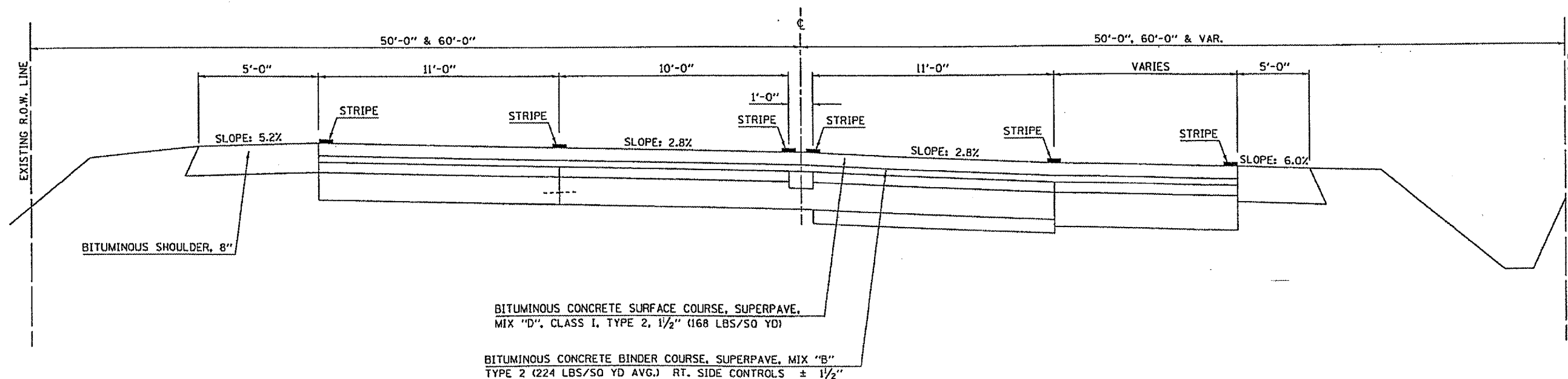
LOCATION #1



TYPICAL CROSS SECTION 8

STATION TO STATION
 2381+57.46 2388+17.13

LOCATION #1



PLOT DATE: 12/1/2005
 FILE NAME: s:\projects\70495\70495.dgn
 USER: jk
 PLOTTER: HP DesignJet 700

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	11

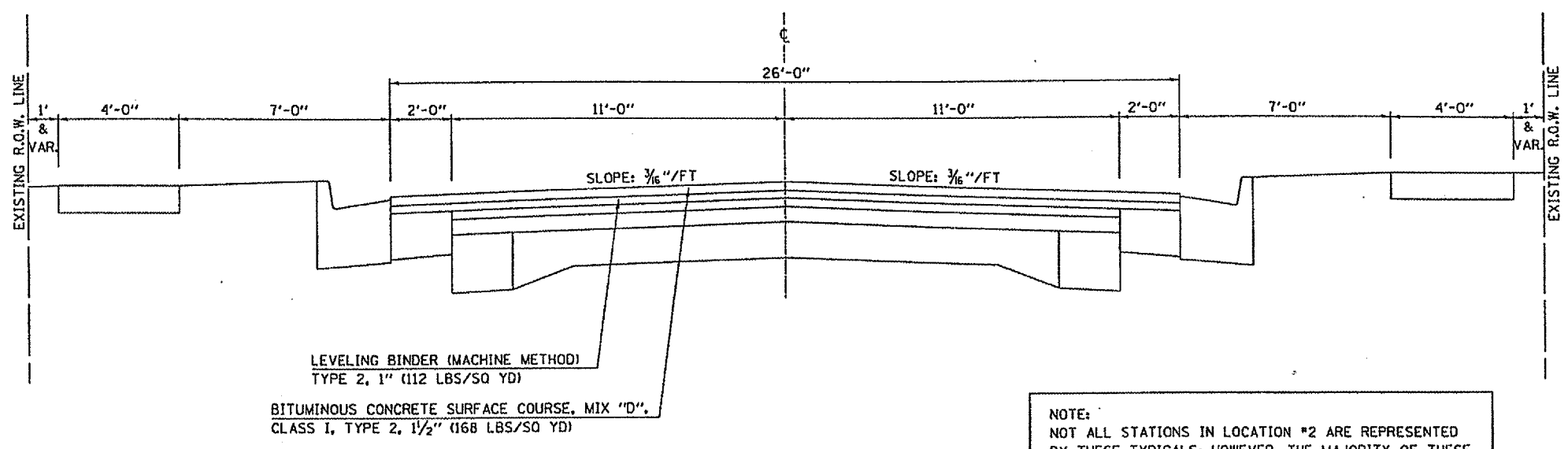
STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

* DS CRACK & JOINT SEAL 2006-4
 ** DEWITT/PIATT

LOCATION #2

TYPICAL CROSS SECTION 1

STATION	TO	STATION
639+80		641+88.16
649+27.44		674+20
699+37.66		706+04

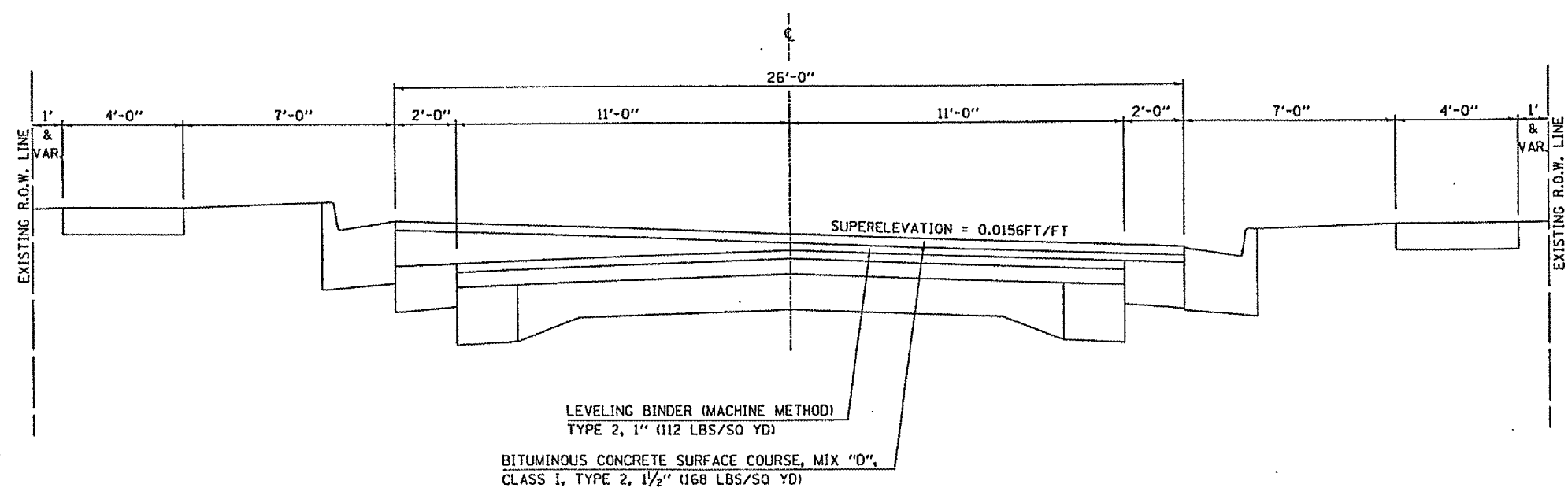


NOTE:
 NOT ALL STATIONS IN LOCATION #2 ARE REPRESENTED BY THESE TYPICALS; HOWEVER, THE MAJORITY OF THESE STATIONS ARE REPRESENTED.

LOCATION #2

TYPICAL CROSS SECTION 2

STATION	TO	STATION
641+88.16		649+27.44



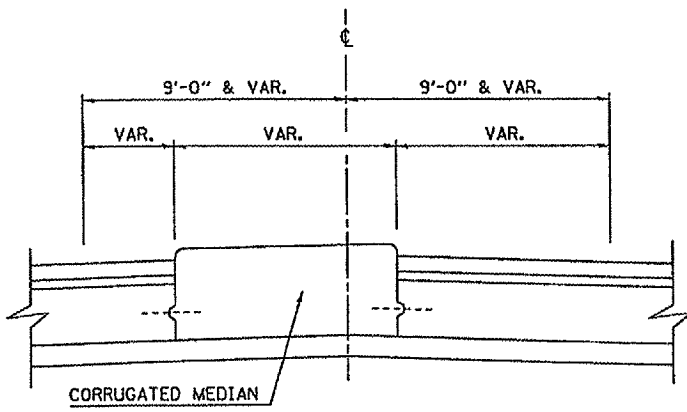
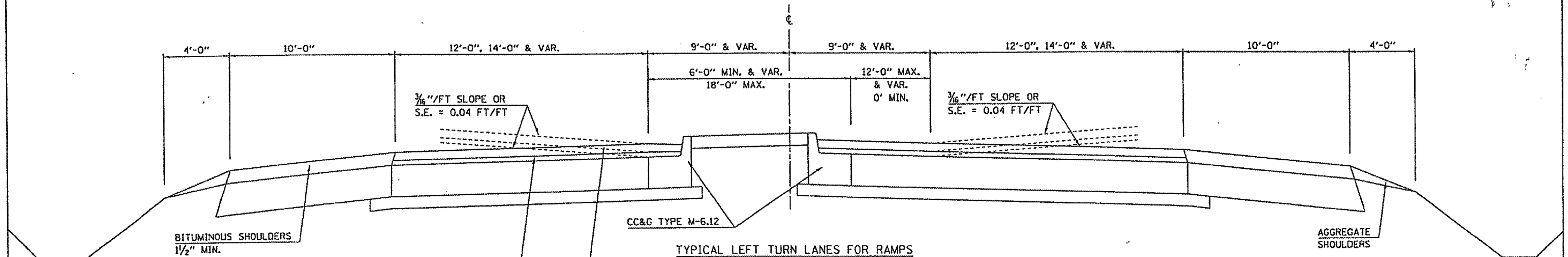
PLOT DATE = 12/1/2005
 FILE NAME = 081705.ctb
 USER NAME = phillips

LOCATION #2

TYPICAL CROSS SECTION 3

STATION	TO	STATION
1720+48.96		1726+72.60
1727+80.00		1734+53.54
1737+67.67		1753+53.76

CONTRACT NO. 70495				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	#	**	20	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* DS CRACK & JOINT SEAL 2006-4				
** DEWITT/PIATT				



TYPICAL APPROACHES

PLOT DATE = 12/1/2005
 FILE NAME = n:\projects\70495\1726\1726.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = philipj

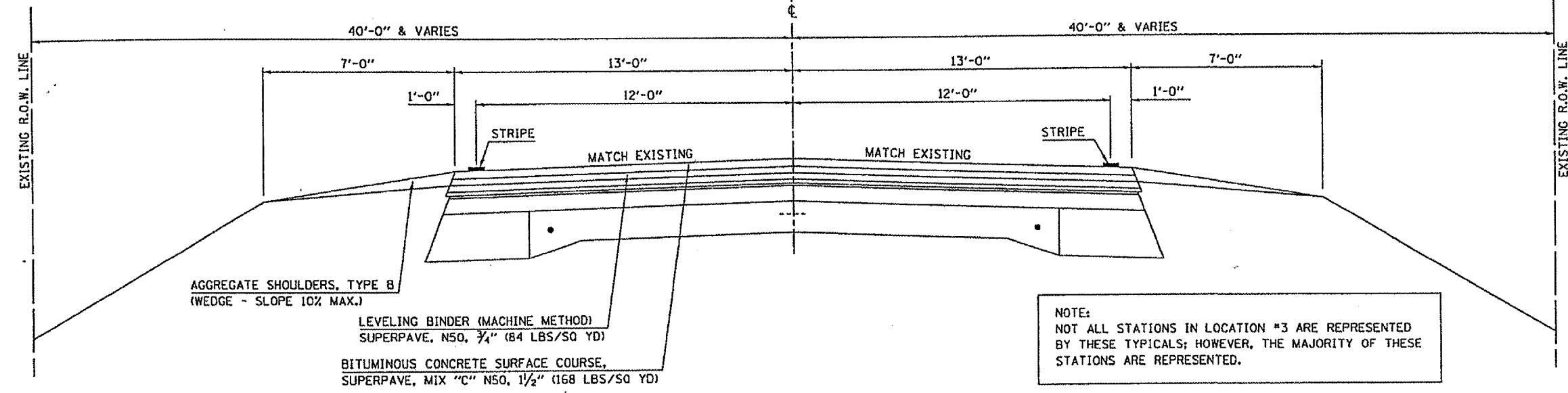
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	**	20	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

* D5 CRACK & JOINT SEAL 2006-4
 ** DEWITT/PIATT

TYPICAL CROSS SECTION ①

LOCATION #3

STATION	TO	STATION
632+00		737+98 (BRIDGE OMISSION)
739+22		960+57.40
978+22		1018+51
1029+47		1052+60
1063+95		1069+44.87 (BRIDGE OMISSION)
1070+51.14		1073+84 (RESURFACING OMISSION)

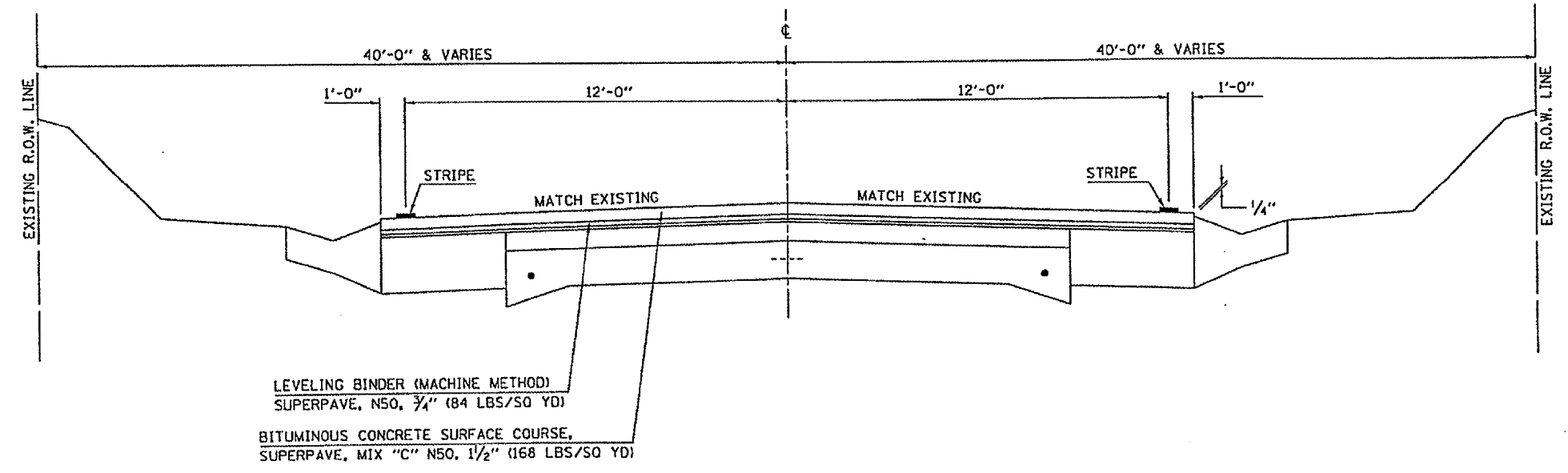


NOTE:
 NOT ALL STATIONS IN LOCATION #3 ARE REPRESENTED BY THESE TYPICALS; HOWEVER, THE MAJORITY OF THESE STATIONS ARE REPRESENTED.

TYPICAL CROSS SECTION ②

LOCATION #3

STATION	TO	STATION
960+57.4		978+22
1018+51		1029+47
1052+60		1063+95



PLOT DATE: 12/1/2005
 FILE NAME: c:\p\p\m\m\581785\1\typical1786.dgn
 PLOT SCALE: 1/8"=1'-0"
 USER NAME: philip

F.A. RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	14

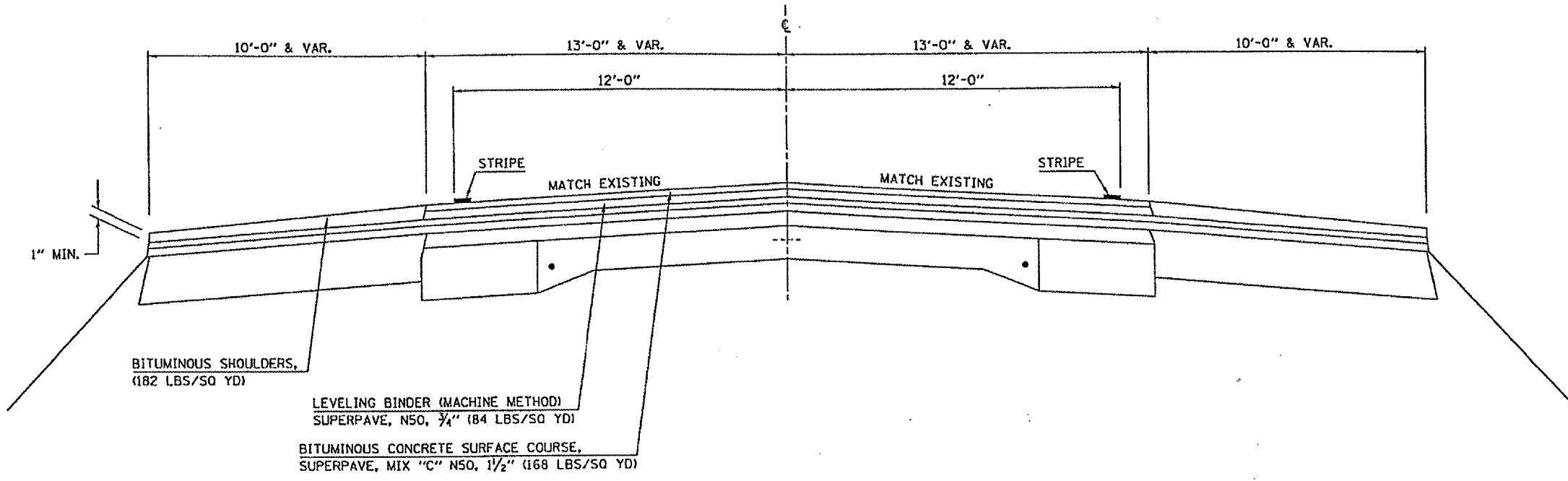
STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

* DS CRACK & JOINT SEAL 2006-4
 ** DEWITT/PIATT

TYPICAL CROSS SECTION 3

LOCATION #3

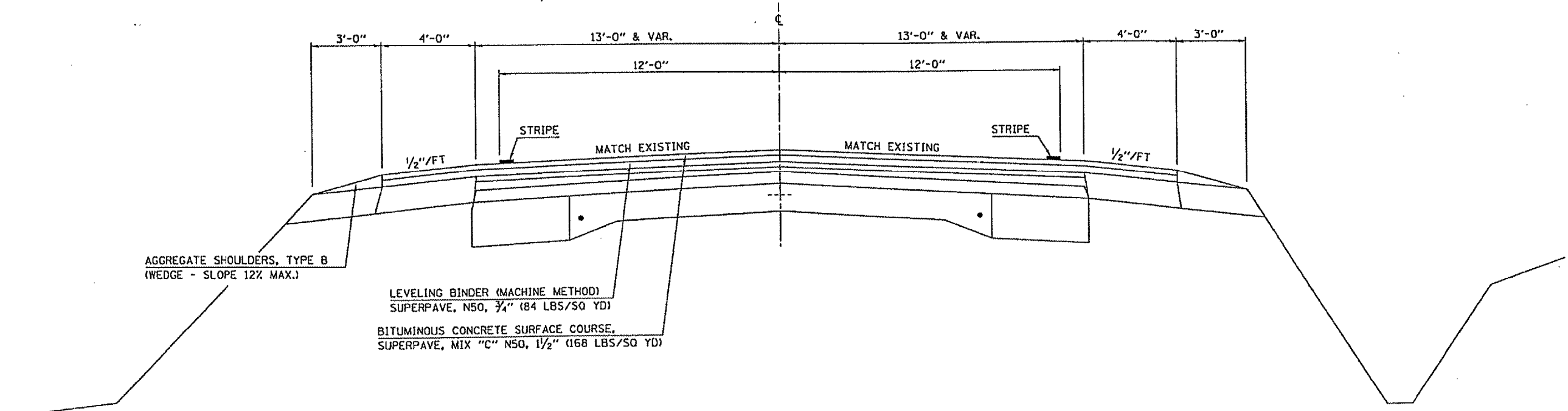
ILLINOIS ROUTE 10
 STATION TO STATION
 (END RESURFACING OMISSION) 1094+83.85 1095+43.00



TYPICAL CROSS SECTION 4

LOCATION #3

ILLINOIS ROUTE 10
 STATION TO STATION
 1095+43.00 1107+00.00 (RESURFACING OMISSION)



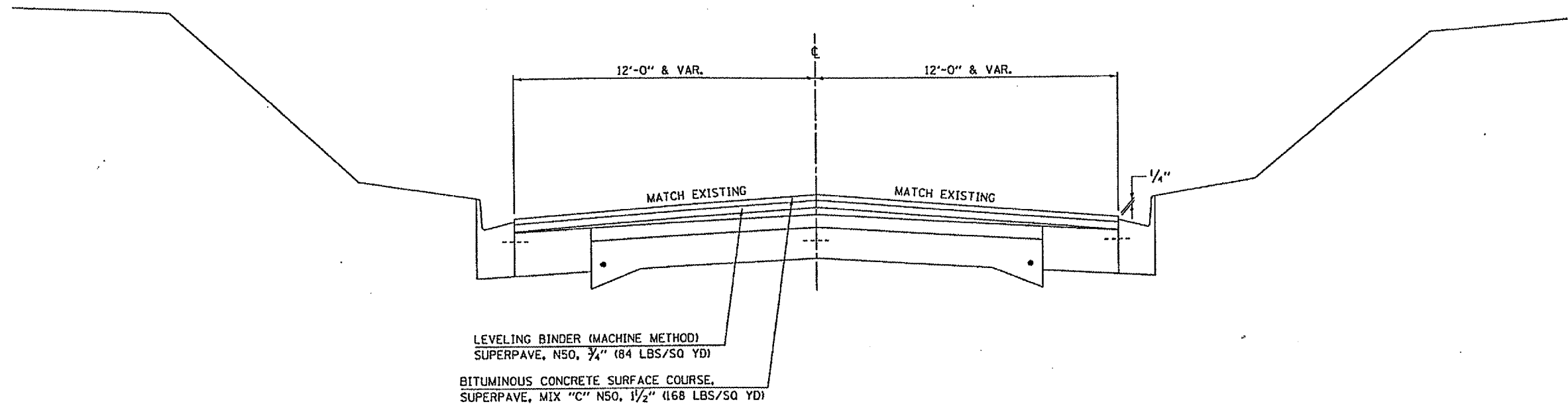
PLT DATE = 12/1/2005
 PLT NAME = ddb785.tbl
 PLT SCALE = 1/8"=1'-0"
 USER NAME = phillips

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* D5 CRACK & JOINT SEAL 2006-4				
** DENITT/PIATT				

TYPICAL CROSS SECTION 5

LOCATION #3

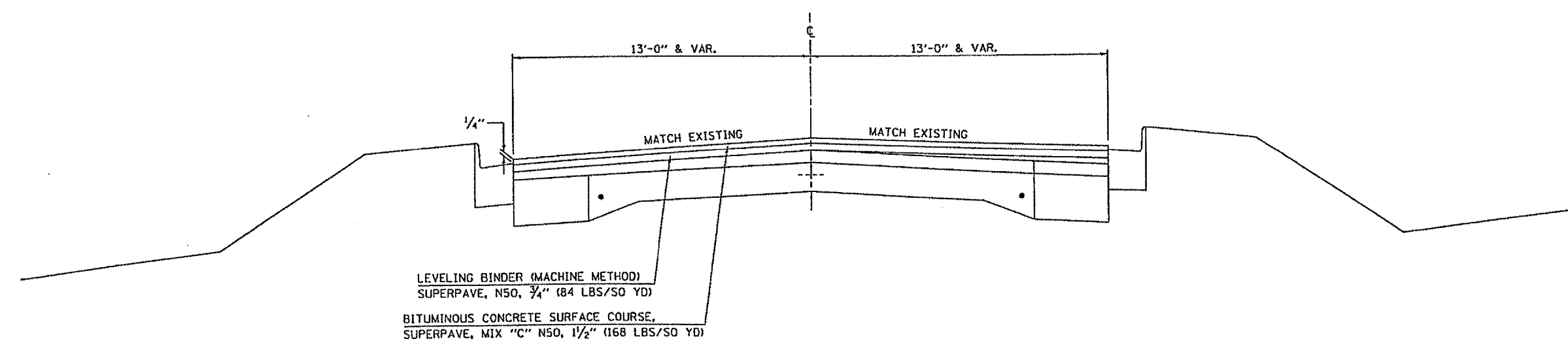
ILLINOIS ROUTE 10
 STATION TO STATION
 (END RESURFACING OMISSION) 1116+34.50 1118+00.00



TYPICAL CROSS SECTION 6

LOCATION #3

ILLINOIS ROUTE 10
 STATION TO STATION
 1118+00.00 1124+15.00



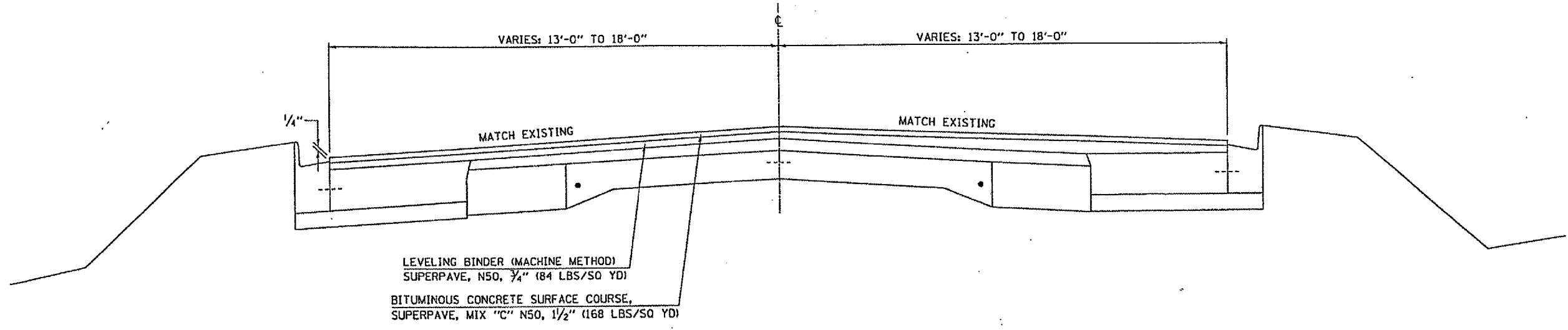
PLOT DATE * 10/21/2005
 FILE NAME * H:\projects\11181786\11181786.dgn
 PLOT SCALE * 1/8"=1'-0"
 USER NAME * philipj

LOCATION #3

TYPICAL CROSS SECTION 7

ILLINOIS ROUTE 10
STATION TO STATION
1124+15.00 1127+26.91

CONTRACT NO. 70495				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
* DS CRACK & JOINT SEAL 2006-4				
** DENITT/PIATT				



PLT DATE * 12/12/05
FILE NAME * c:\pwork\11241785\11241785.dgn
PLT SCALE * 1/8"=1'-0"
USER NAME * phillips

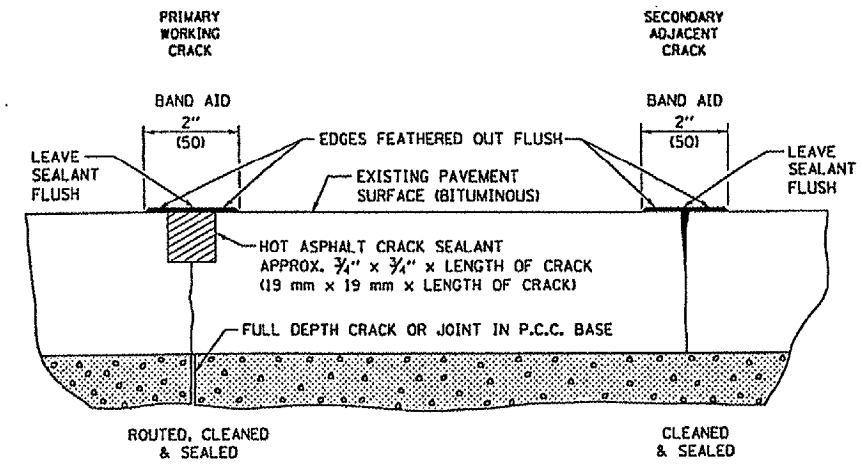
CONTRACT NO. 70495

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	**	**	20	17

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

* DS CRACK & JOINT SEAL 2006-4
 ** DENITT/PIATT

TYPICAL DETAILS FOR CRACK SEALING FOR BITUMINOUS PAVEMENT



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

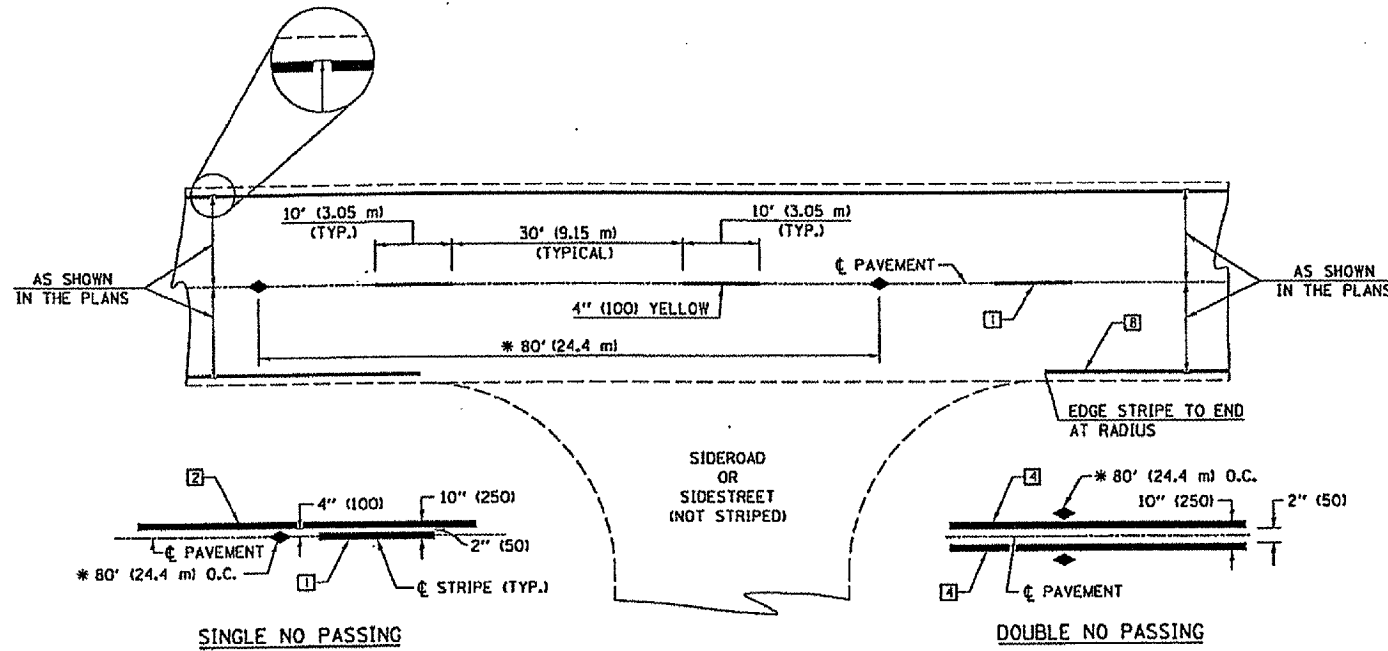
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
 UNLESS OTHERWISE SHOWN.

PLOT DATE = 12/1/2005
 FILE NAME = c:\pwworkspace\70495\17.dwg
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = philipny

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* DS CRACK & JOINT SEAL 2006-4
 ** DENWIT/PIATT

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.

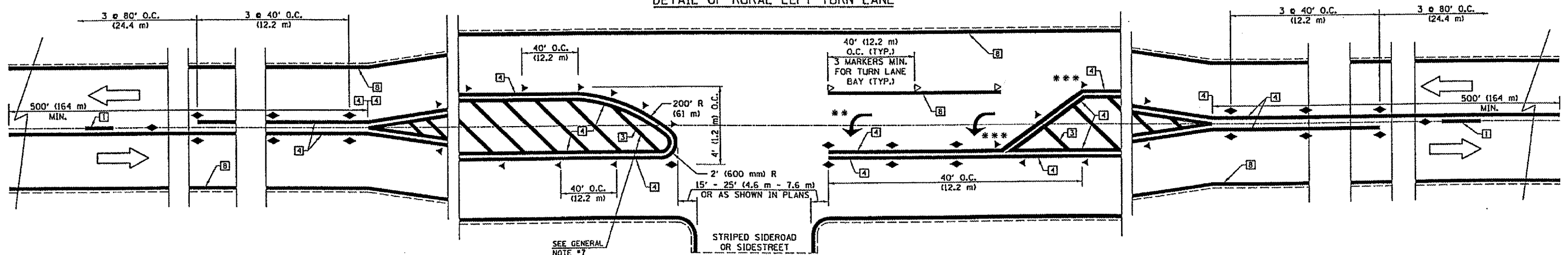
TYPICAL PAVEMENT MARKING LEGEND

- 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

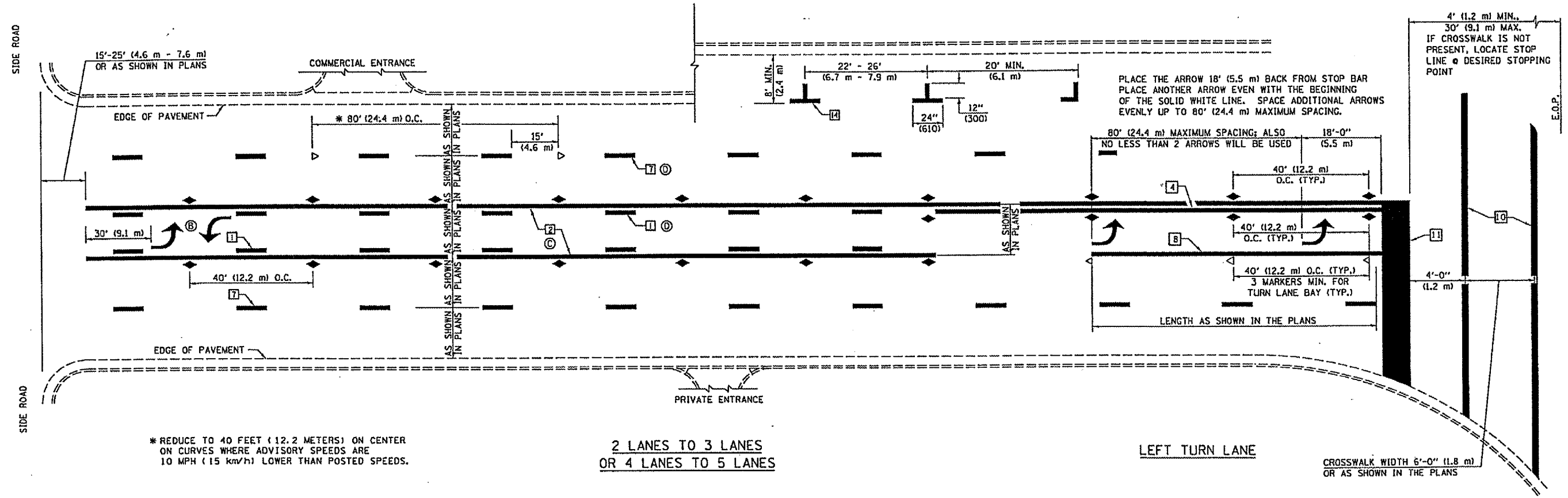
	NAME	DATE	REVISIONS	
			NAME	DATE
DESIGNED	J.M.H.	5/85		
CHECKED	FWS	6/85	GEOMETRICS/K.A.G.	07/02
CADD NO.	F-5.25		K.A.G.	08/04

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

PLOT DATE: 12/1/2005
 FILE NAME: s:\projects\70495\70495.dgn
 PLOT SCALE: 1/8"=1'-0"
 USER NAME: philip

TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS

CONTRACT NO. 70495				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	19
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* D5 CRACK & JOINT SEAL 2006-4				
** DEWITT/PIATT				



* 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

DESIGNED	NAME	DATE	REVISIONS	NAME	DATE
J.M.H.	J.M.H.	5/85			
CHECKED	FMS	6/85		GEOMETRICS/K.A.G.	07/02
CADD NO.	F-5.25	6/85		K.A.G.	08/04

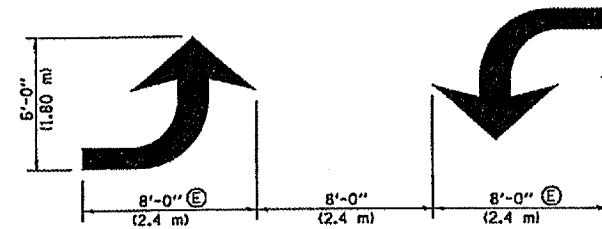
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

PLOT DATE: 12/1/2005
 FILE NAME: s:\pavement\70495\70495.dwg
 PLOT SCALE: 1/8" = 1'-0"
 USER: jmh

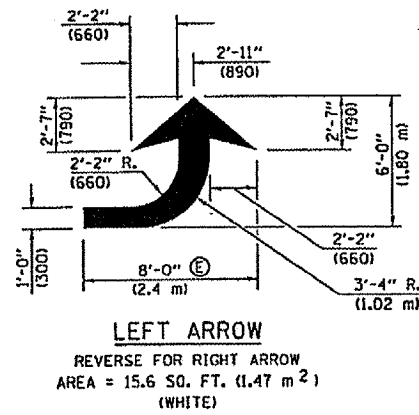
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	20	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* DS CRACK & JOINT SEAL 2006-4
** DEWITT/PIATT

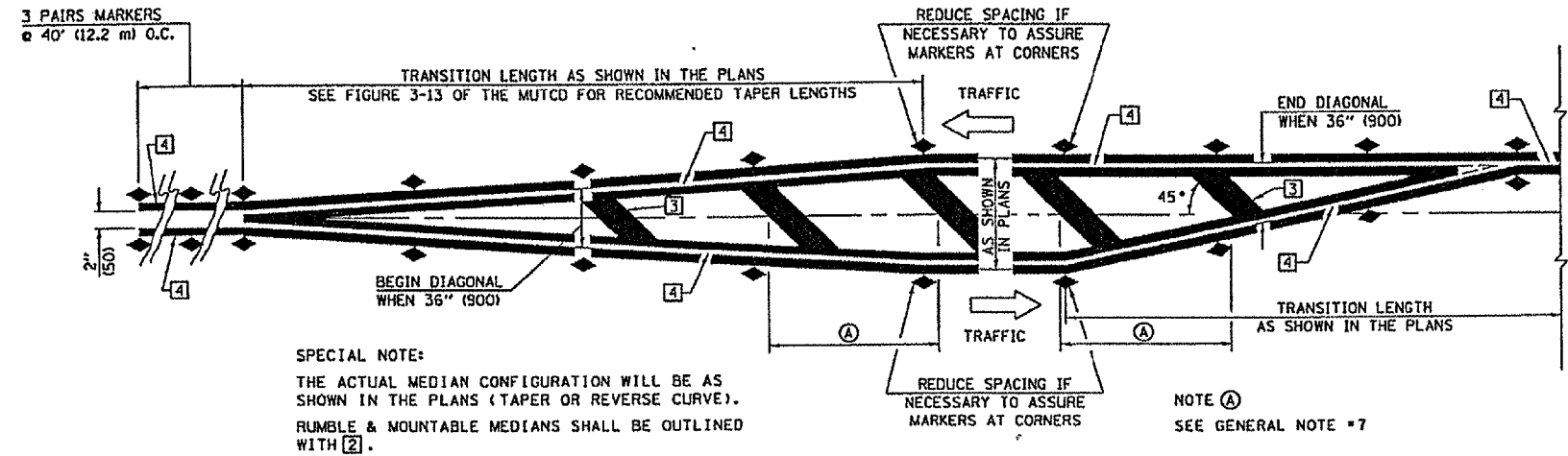
TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS



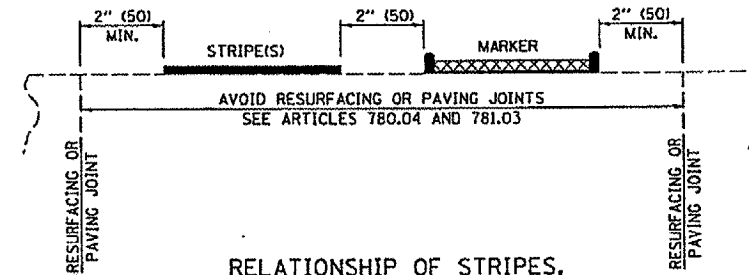
TYPICAL DOUBLE TURN ARROWS (WHITE)



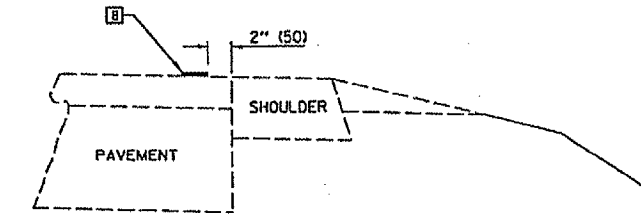
LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



TYPICAL MEDIAN TRANSITIONS



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 ON SHEET 2 OF 3.
- Ⓔ TURN ARROW SIZE DEPENDS ON THE LOCATION.
RURAL LOCATION - LARGE ARROW SIZE
URBAN LOCATION - SMALL ARROW SIZE

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	K.A.G.

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

PLT DATE: 12/1/2005
FILE NAME: c:\pavement\70495\70495.dgn
PLT SCALE: 1/8"=1'-0"
USER NAME: philip