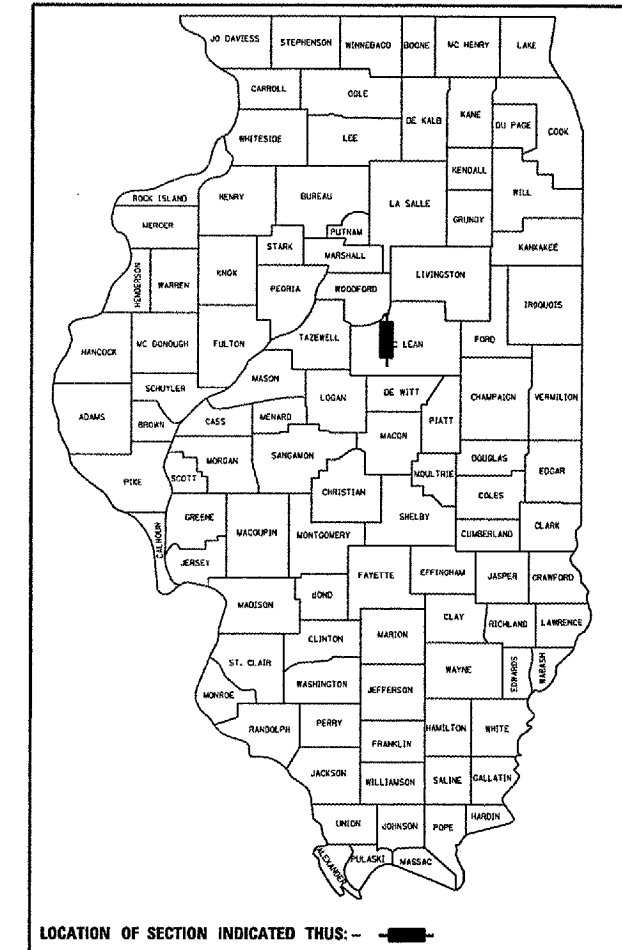


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	-	MCLEAN	10	1

D5 PATCHING 2008-2

D-95-007-07



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
**PROPOSED
 HIGHWAY PLANS**

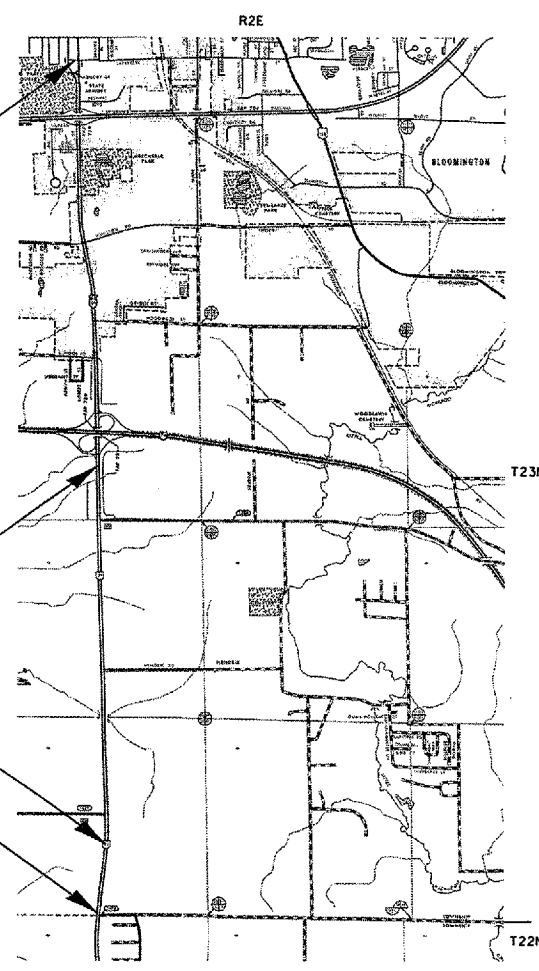
FAP ROUTE 730 (US 51)
 SECTION D5 PATCHING 2008-2
 LAFAYETTE ST TO 2.2 MIS S OF I-74
 MCLEAN COUNTY
 C-95-007-07

FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

(217) 465-4181

PROJECT ENGINEER: KEVIN TRAPP

SQUAD LEADER: JASON W. STULTS



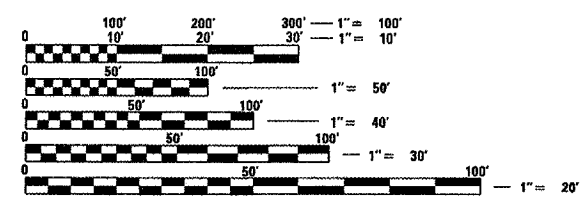
SECTION D5 PATCHING 2008-2
 BEGINS: STA 250+32.54 (NB)
 STA 250+17.29 (SB)

STATION EQUATION
 STA 364+50.82 (BK) = STA 2105+55.00 (AH)

STATION EQUATION
 STA 2004+00.00 (BK) = STA 603+67.14 (AH)

SECTION D5 PATCHING 2008-2
 ENDS: STA 600+00.00

DESIGN DESIGNATION
 19500(2006) OTHER PRINCIPAL ARTERIAL - LAFAYETTE ST TO VETERANS PARKWAY - N/A
 15600(2006) OTHER PRINCIPAL ARTERIAL - VETERANS PARKWAY TO I-74 - N/A
 17300(2006) EXPRESSWAY - I-74 TO NORTH ROAD - N/A
 14700(2006) EXPRESSWAY - NORTH ROAD TO 2.2 MILES SOUTH OF I-74 - N/A



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

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

TOTAL LENGTH OF SECTION & PROJECT = 21955.67 FEET = 4.158 MILES
 NET LENGTH OF SECTION & PROJECT = 21955.67 FEET = 4.158 MILES



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED MAY 18 2007

[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

June 29 2007
[Signature]
 INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

June 29 2007
[Signature]
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	-	MCLEAN	10	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• D5 PATCHING 2008-2

INDEX OF SHEETS

COVER SHEET	1
INDEX OF SHEETS / HIGHWAY STANDARDS	2
GENERAL NOTES	3
SUMMARY OF QUANTITIES	4
EXISTING TYPICAL CROSS SECTIONS	5-10

LIST OF STANDARDS

- 420001-06 PAVEMENT JOINTS
- 420701-01 PAVEMENT FABRIC
- 442101-06 CLASS B PATCHES
- 701101-01 OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
- 701106-01 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 m (15') AWAY
- 701400-02 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-03 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-03 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, SPEEDS \geq 45 MPH
- 701422-01 LANE CLOSURE, MULTILANE, FOR SPEEDS \geq 45 MPH TO 55 MPH
- 701601-04 URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-04 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 702001-06 TRAFFIC CONTROL DEVICES
- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-01 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT

PLOT DATE = 5/16/2007
 PLOT SCALE = 42.3325" / IN.
 USER NAME = collie-b

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		INDEX OF SHEETS / LIST OF STANDARDS

SCALE: VERT.	DRAWN BY
HORIZ.	CHECKED BY
DATE	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	*	MCLEAN	10	3
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

* D5 PATCHING 2008-2

GENERAL NOTES

NO COMMITMENTS

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.-440B
 THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS
 AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE
 CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING
 TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED
 CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH
 THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE
 RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE
 VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-442(SPL)
 THE PATCHING QUANTITIES INCLUDED IN THE CONTRACT ARE ESTIMATED QUANTITIES ONLY
 AND FINAL QUANTITIES FOR THE DIFERENT TYPES OF PATCHING MAY VARY.

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

PLOT DATE * 8/15/2007
 FILE NAME * I:\projects\70637\70637.dgn
 PLOT SCALE * 1/4"=1'-0"
 USER NAME * collinsb

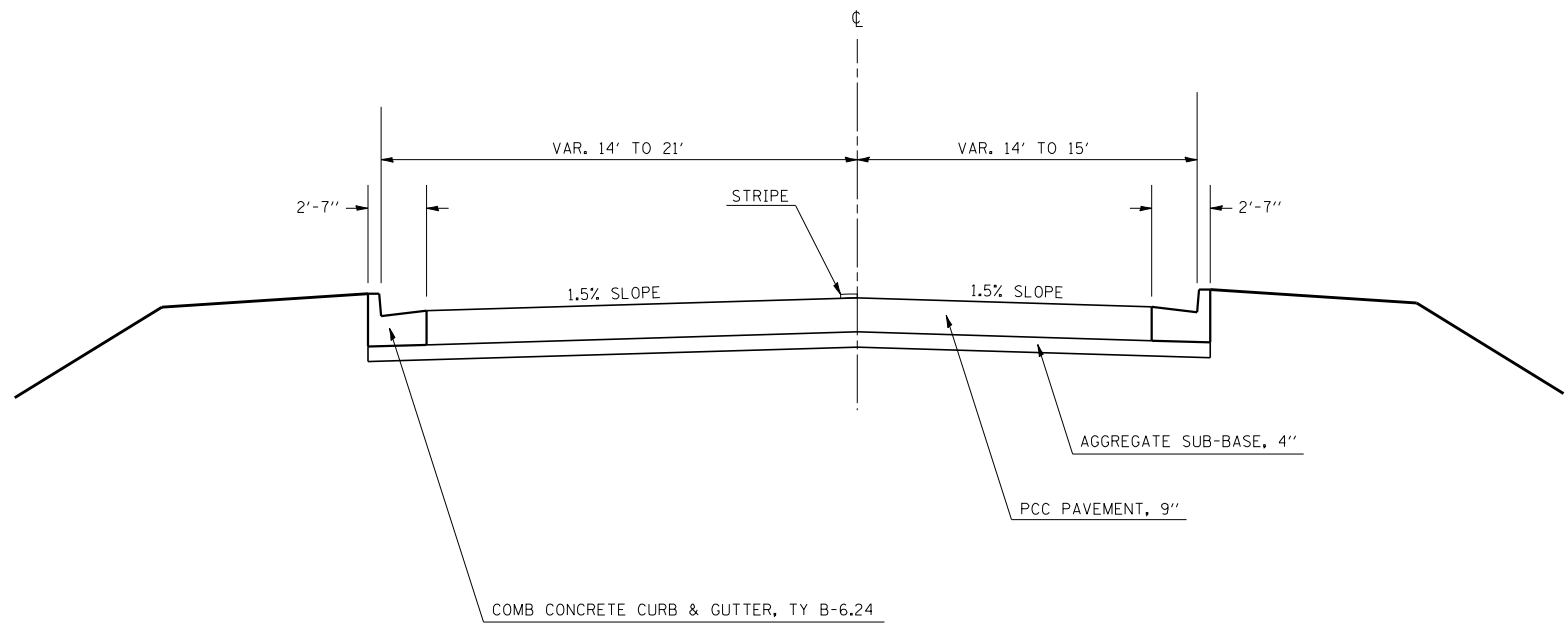
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES
SCALE:	VERT. DATE	HORIZ.
		DRAWN BY
		CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	.	MCLEAN	10	5

CONTRACT NO. 70637
 • D5 PATCHING 2008-2

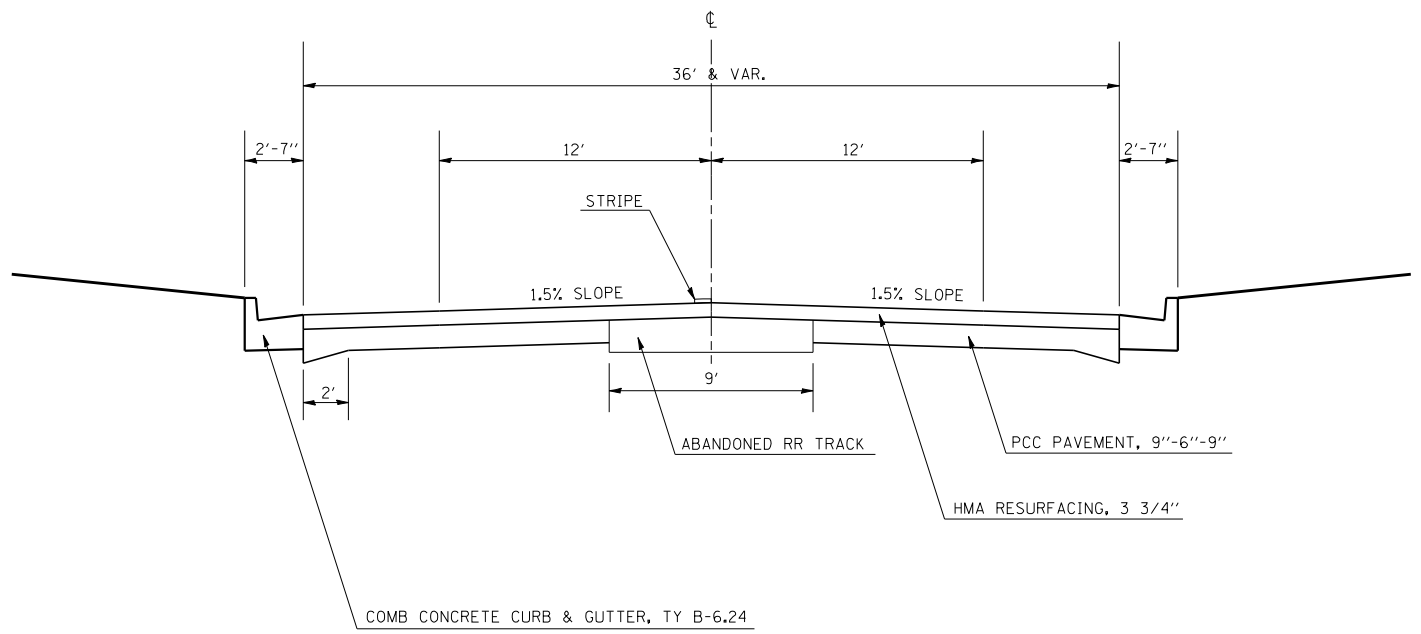
EXISTING TYPICAL CROSS SECTION ①

SB STA. 250+17.29 TO STA. 258+01.05 ③



EXISTING TYPICAL CROSS SECTION ②

NB STA. 250+32.54 TO STA. 257+79.97 ③

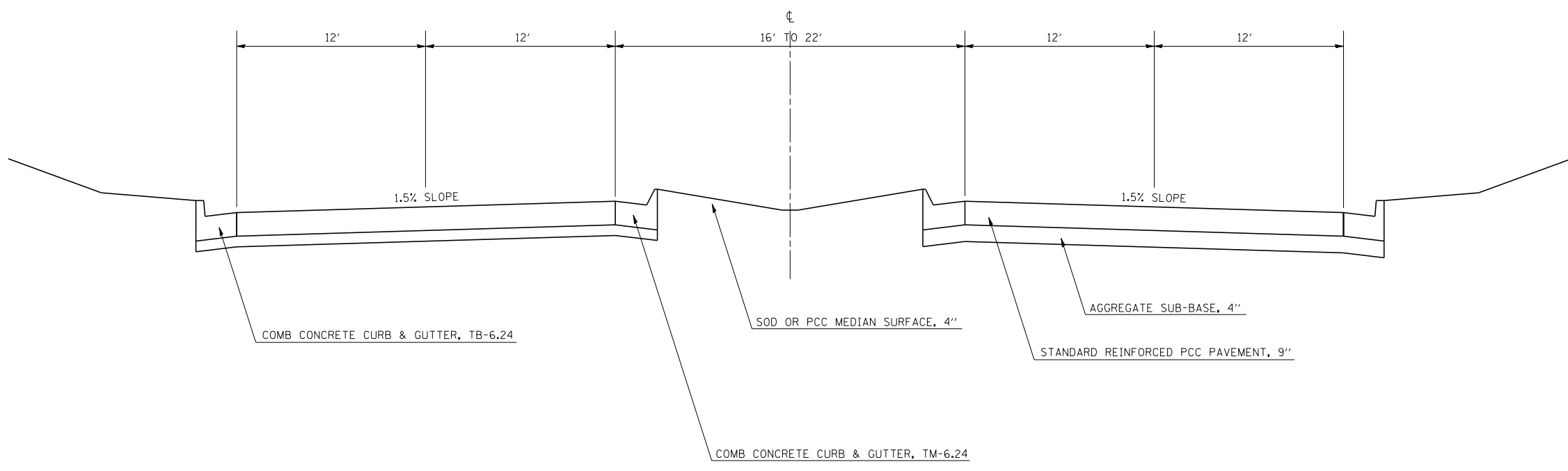


EXISTING TYPICAL CROSS SECTION ③

- ② NB STA. 257+79.97 TO STA. 267+46.61 ④
- ④ NB STA. 271+84.77 TO STA. 315+51.57 ⑤
- ① SB STA. 258+01.05 TO STA. 315+51.57 ⑤

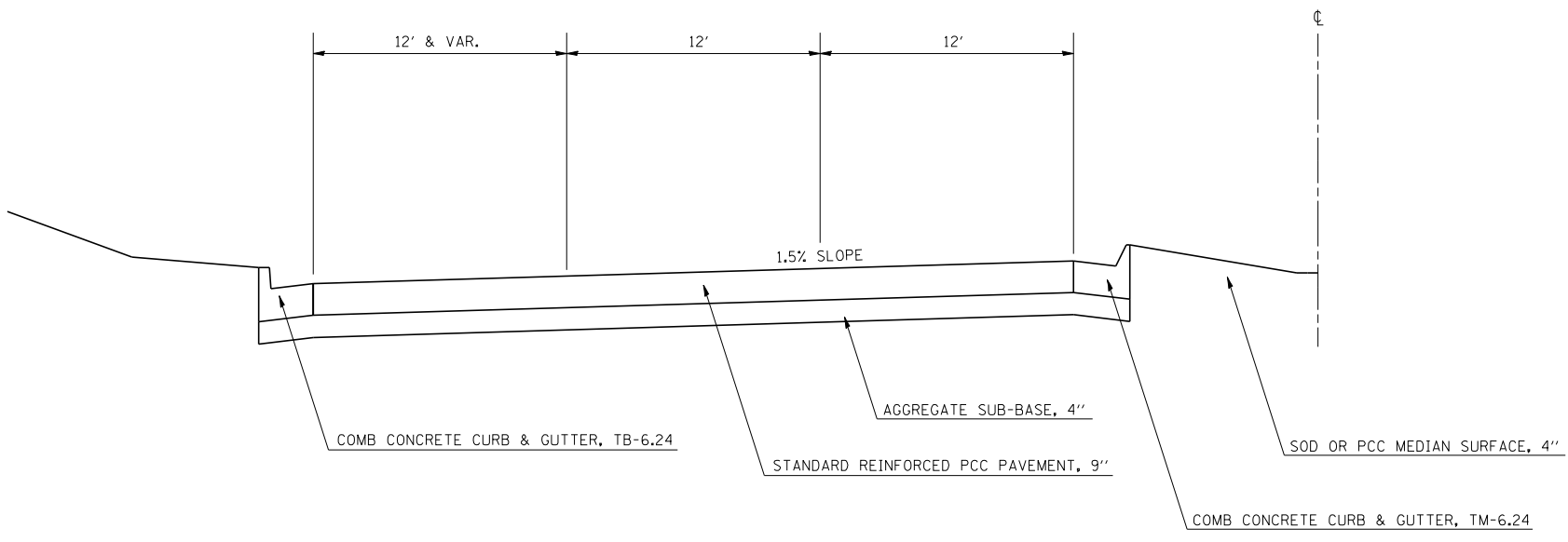
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	.	MCLEAN	10	6

CONTRACT NO. 70637
 • D5 PATCHING 2008-2



EXISTING TYPICAL CROSS SECTION ④

- ③ NB STA. 267+46.61 TO STA. 271+84.77 ③

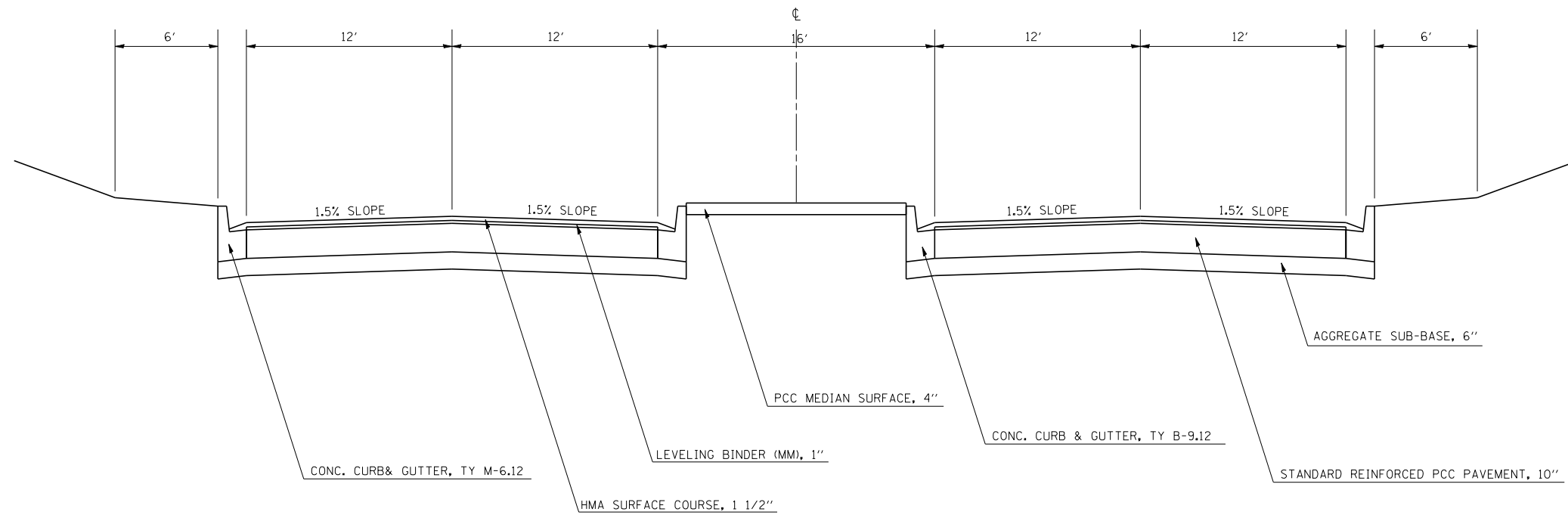


EXISTING TYPICAL CROSS SECTION ⑤

③ STA. 315+51.57 TO STA. 325+06.29 ⑥

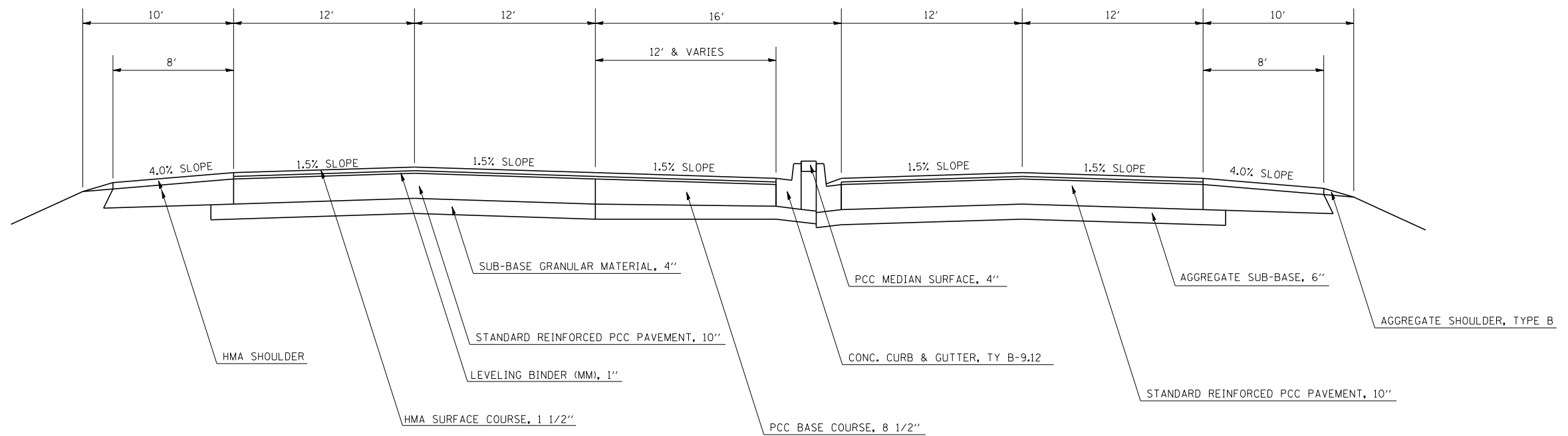
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730	.	MCLEAN	10	7

CONTRACT NO. 70637
• D5 PATCHING 2008-2



EXISTING TYPICAL CROSS SECTION ⑥

⑤ STA. 325+06.29 TO STA. 334+70.86 ⑦

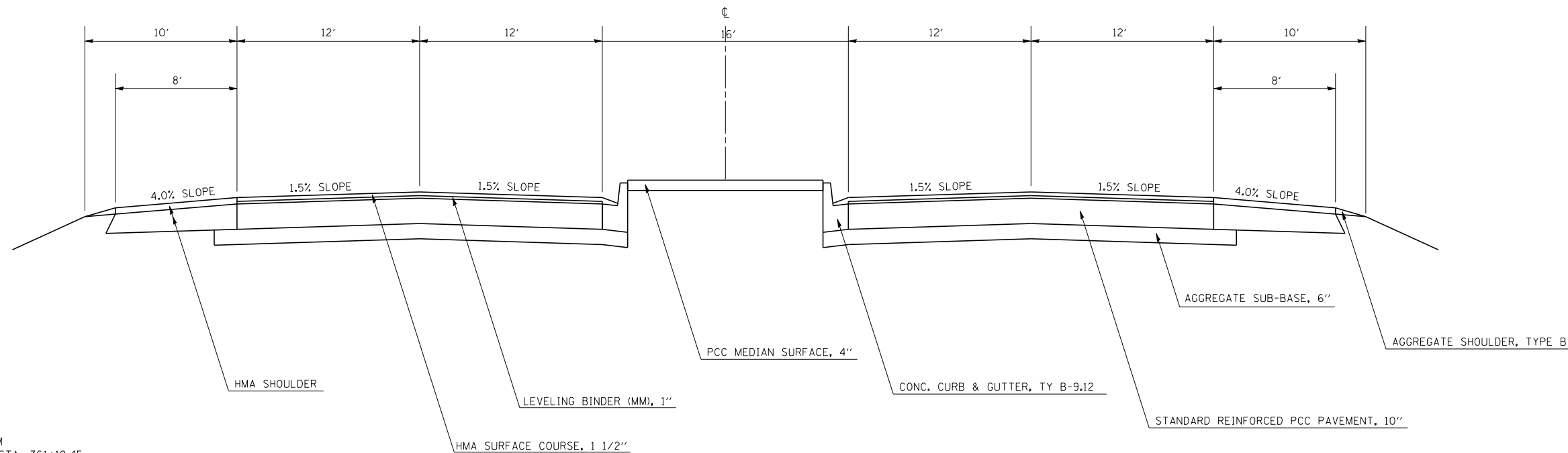


EXISTING TYPICAL CROSS SECTION ⑦

⑥ STA. 334+70.86 TO STA. 363+04.71 ⑧

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730		MCLEAN	10	8

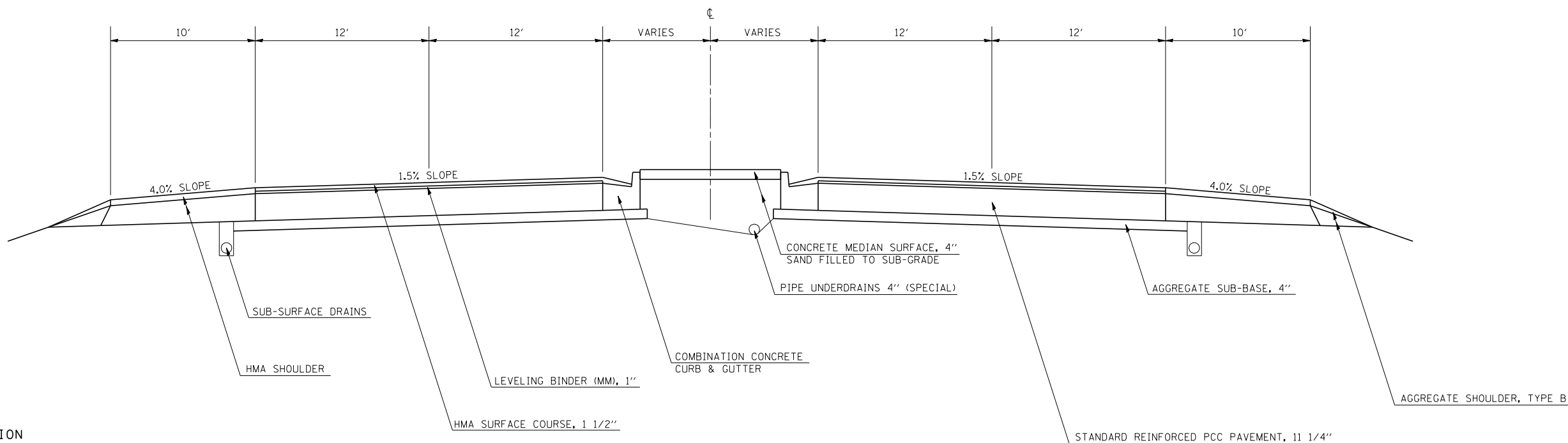
CONTRACT NO. 70637
• D5 PATCHING 2008-2



NOTE: CONC. CURB & GUTTER TRANSITIONS FROM
B-15.60 TO B-22.30 STA. 359+94.78 TO STA. 361+19.45

EXISTING TYPICAL CROSS SECTION ⑧

⑦ STA. 363+04.71 TO STA. 364+50.82 ⑨



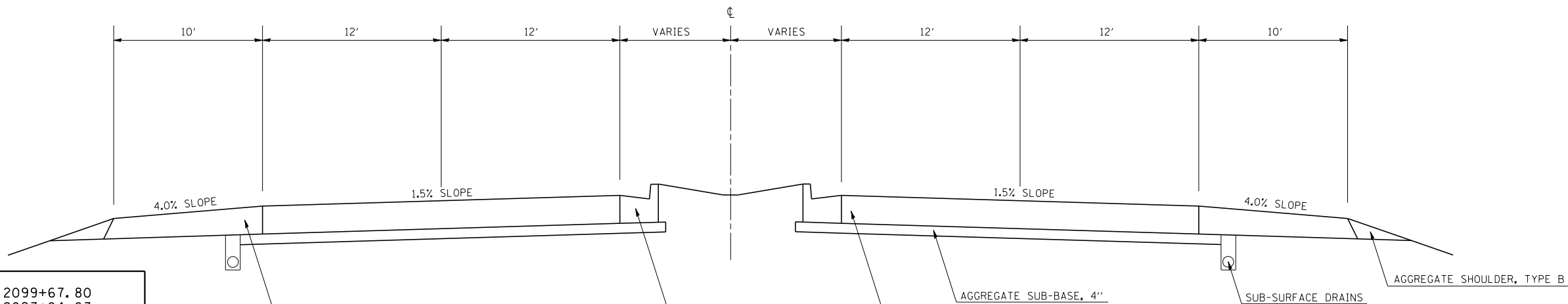
STATION EQUATION
STA. 364+50.82 (BK) = STA. 2105+55 (AH)

EXISTING TYPICAL CROSS SECTION ⑨

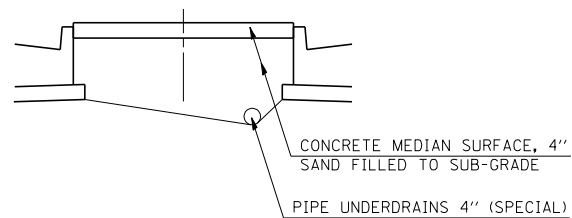
⑦ STA. 2105+55.00 TO STA. 2093+04.03 ⑩

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730		MCLEAN	10	9

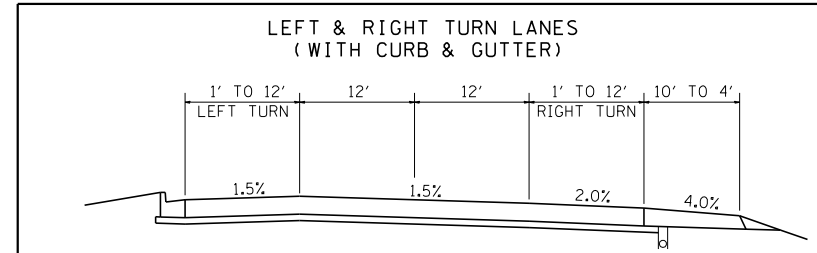
CONTRACT NO. 70637
• D5 PATCHING 2008-2



STA. 2107+00.00 TO STA. 2099+67.80
STA. 2094+19.03 TO STA. 2093+04.03

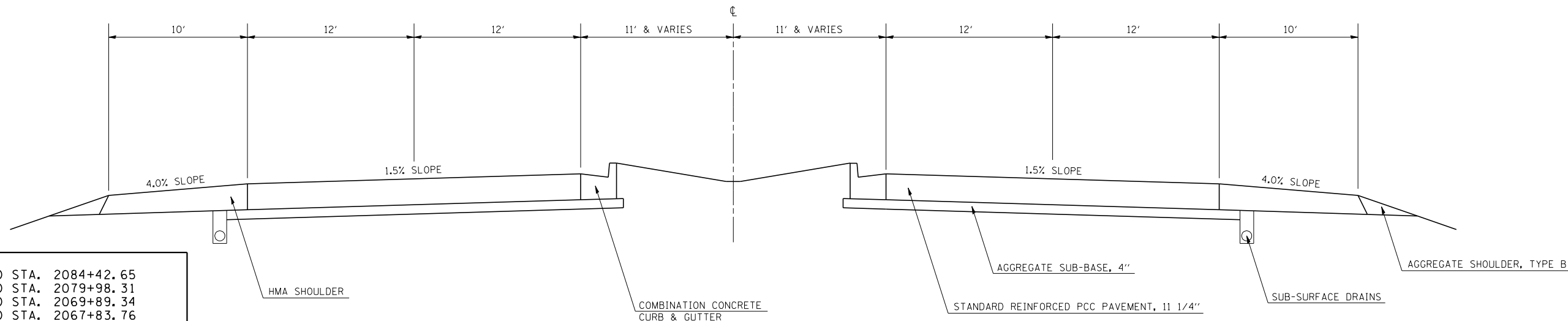


STATION EQUATION
STA. 364+50.82 (BK) = STA. 2105+55 (AH)

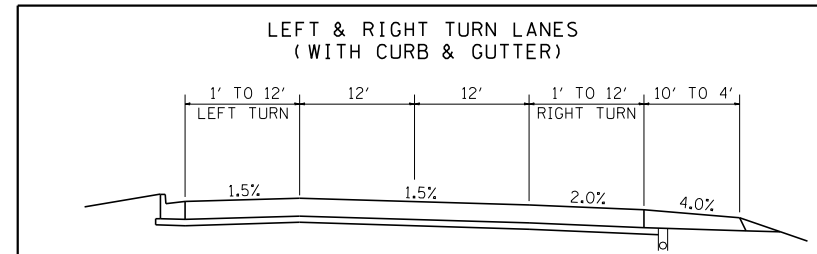
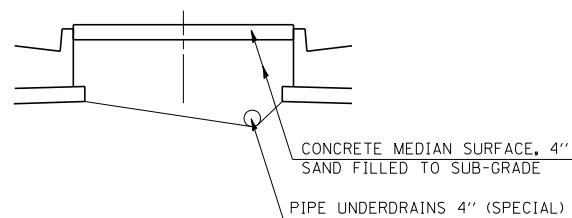


EXISTING TYPICAL CROSS SECTION ⑩

⑨ STA. 2093+04.03 TO STA. 2049+50.00 ⑫



STA. 2086+76.41 TO STA. 2084+42.65
STA. 2082+42.23 TO STA. 2079+98.31
STA. 2072+28.18 TO STA. 2069+89.34
STA. 2068+71.66 TO STA. 2067+83.76
STA. 2060+76.63 TO STA. 2057+17.35
STA. 2055+48.88 TO STA. 2053+10.04

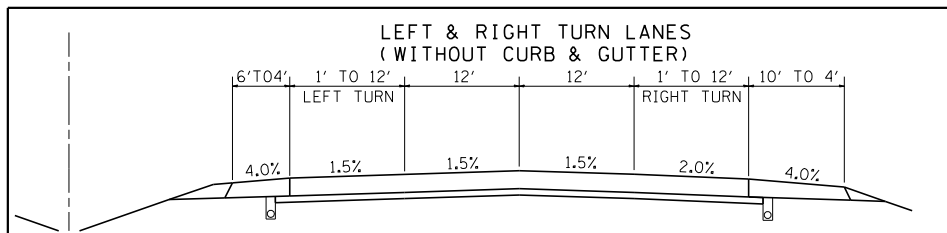
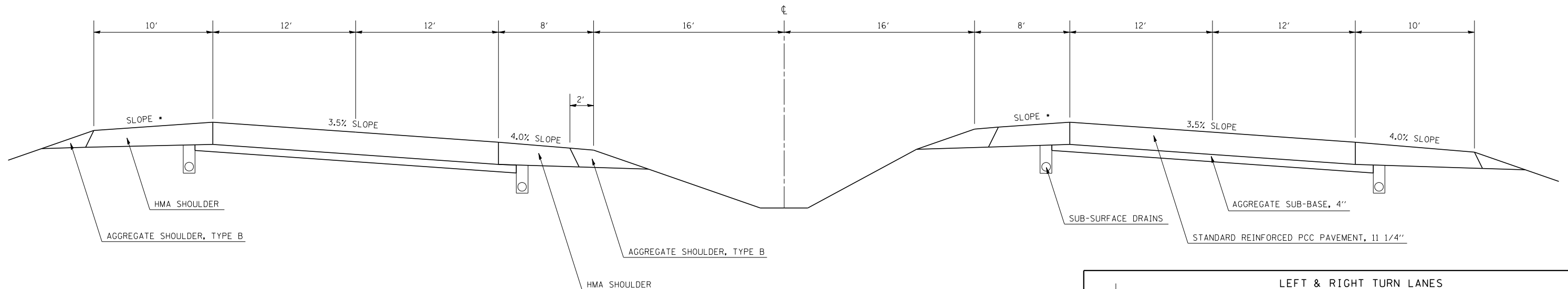


EXISTING TYPICAL CROSS SECTION (11)

(12) STA. 2017+06.43 TO STA. 2005+23.26 (12)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
730		MCLEAN	10	10

CONTRACT NO. 70637
D5 PATCHING 2008-2



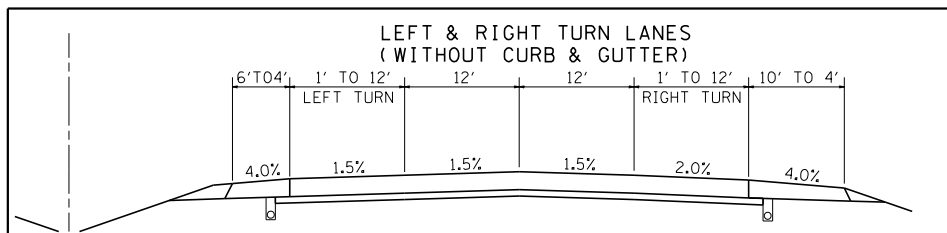
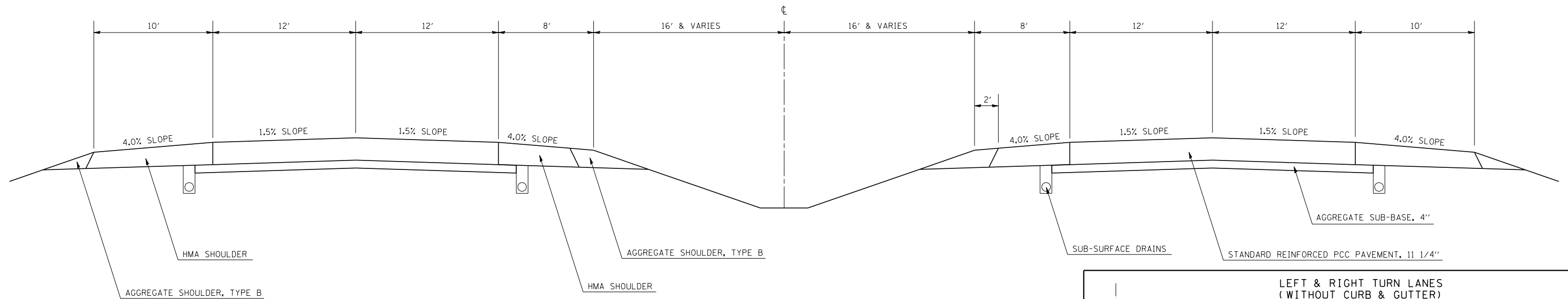
• WHEN THE SE RATE OF THE PAVEMENT IS BETWEEN 0.0 % AND 3.0%, THE SHOULDER SHALL BE SLOPED AT 4.0%.

WHEN THE SE RATE OF THE PAVEMENT EXCEEDS 3.0%, THE SHOULDER WILL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER SHALL NOT BE GREATER THAN 7.0%.

SE TRANSITION - STA. 2017+06.43 TO STA. 2014+66.43
FULL 3.5% SE - STA. 2014+66.43 TO STA. 2007+63.26
SE TRANSITION - STA. 2007+63.26 TO STA. 2005+23.26

EXISTING TYPICAL CROSS SECTION (12)

(10) STA. 2049+50.00 TO STA. 2017+06.43 (11)
(11) STA. 2005+23.26 TO STA. 2004+00.00
STA. 603+67.14 TO STA. 600+00.00



STATION EQUATION
STA. 2004+00.00 (BK) = STA. 603+67.14 (AH)