

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	D5	DOUGLAS	8	1

• D5 PATCHING 2008

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

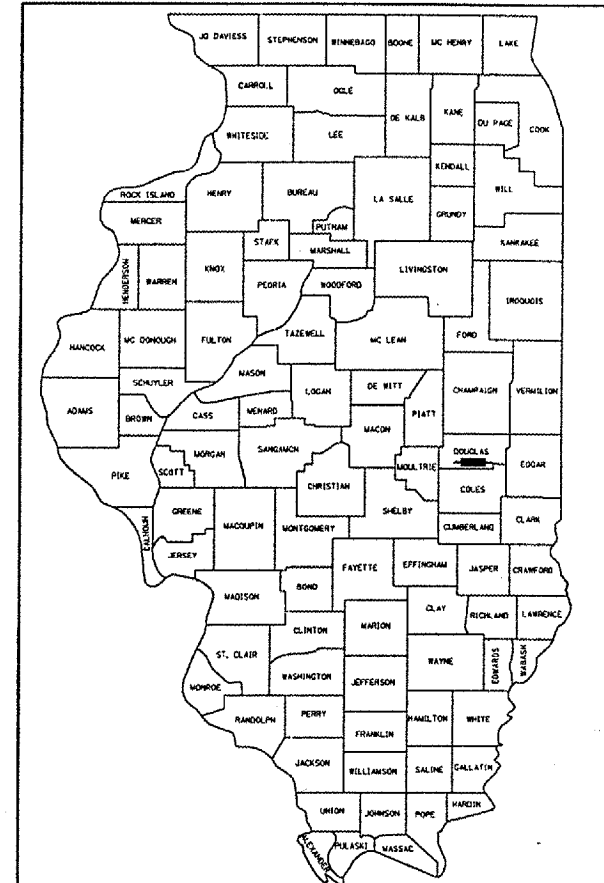
**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 749 (IL ROUTE 133)
SECTION D5 PATCHING 2008
DOUGLAS COUNTY

C-95-019-07

PAVEMENT PATCHING ON IL 133 FROM I.C. RR TO I-57 IN ARCOLA

D-95-019-07



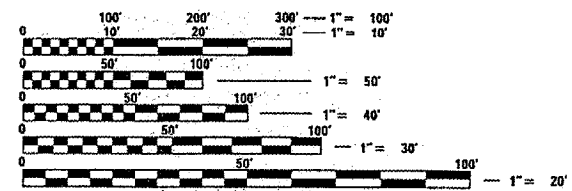
LOCATION OF SECTION INDICATED THUS: - [Symbol] -

PROJECT ENGINEER: KEVIN TRAPP (217)465-4181
 SQUAD LEADER: CHRIS GREESON
 DESIGNER: BILLY MURPHY

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

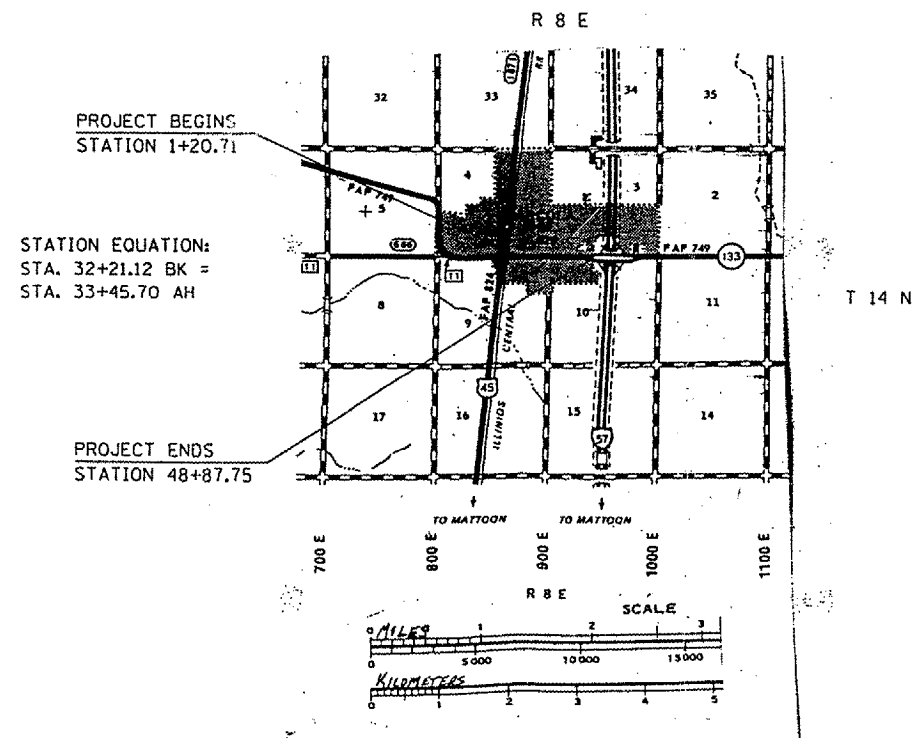
CURRENT ADT
F.A.P. 749 (IL RTE. 133) 3,300 (2005)

DESIGN DESIGNATION
PRIMARY ARTERIAL (RURAL)



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 ARCOLA TOWNSHIP



TOTAL LENGTH OF SECTION & PROJECT = 4,642.46 FEET = 0.879 MILES
NET LENGTH OF SECTION & PROJECT = 4,642.46 FEET = 0.879 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 4/4 20 07
Joseph K. Gaudin
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11 20 07
Erick E. Harms
ENGINEER OF DESIGN AND ENVIRONMENT

May 11 20 07
Milton R. Sore P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

PLOT DATE = 4/11/2007
 FILE NAME = G:\projects\kds09007\ib\1\1\9\011sheets.dgn
 PLOT SCALE = 43.2335" / IN.
 USER NAME = pier-sontb

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	-	DOUGLAS	8	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• D5 PATCHING 2008

INDEX OF SHEETS

<u>DESCRIPTION</u>	<u>SHEET NO.</u>
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GENERAL NOTES	3
SUMMARY OF QUANTITIES	4
EXISTING TYPICAL CROSS SECTIONS	5-7
PATCHING SCHEDULE	8

HIGHWAY STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-06	PAVEMENT JOINTS
442201-02	CLASS C and D PATCHES
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-01	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
702001-06	TRAFFIC CONTROL DEVICES

PLOT DATE = 4/11/2007
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 PLOT SCALE = 42.3529 / IN.
 USER NAME = dier'sombir

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS & HIGHWAY STANDARDS

SCALE: NOT TO SCALE
DATE: 03/27/07

DRAWN BY: B.B.P.
CHECKED BY: B.J.M.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	*	DOUGLAS	8	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* D5 PATCHING 2008

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. -406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	Class D Patches	Class D Patches
Mixture Use(s):	HMA Binder-Bottom Lifts	HMA Surface Top 1+1/2K Lift
AC/PG:	PG 64-22	PG 64-22
RAP%: (MAX)**	25%	15%
Design Air Voids:	4.0% @ N Des=50	4.0% @ N Des=50
Mixture Composition: (Gradation Mixture)	IL 19.0	IL 9.5
Friction Aggregate:	N/A	Mix C

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

G. N. -667
 THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR SETTING THESE MARKERS.

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 = 4/11/2007
 FILE NAME = I:\Projects\70649\70649.dgn
 PLOT SCALE = 1:1
 USER NAME = pfer5007

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: NOT TO SCALE
 DATE: 03/27/07

DRAWN BY: B.B.P.
 CHECKED BY: B.J.M.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	*	DOUGLAS	8	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* D5 PATCHING 2008

SUMMARY OF QUANTITIES

LOCATION OF WORK: F. A. P. 749 (IL ROUTE 133)
 SECTION D5 PATCHING 2008
 DOUGLAS COUNTY
 100% STATE
 STA. 1+20.71 TO STA. 48+87.75

CONSTRUCTION TYPE CODE: **1000**

<u>CODE NO.</u>	<u>ITEM</u>	<u>UNIT</u>	<u>TOTAL QUANTITY</u>
44200116	PAVEMENT PATCHING, TYPE I , 10 INCH	SQ YD	10.0
44200120	PAVEMENT PATCHING, TYPE II , 10 INCH	SQ YD	90.0
44200124	PAVEMENT PATCHING, TYPE III , 10 INCH	SQ YD	60.0
44200126	PAVEMENT PATCHING, TYPE IV , 10 INCH	SQ YD	349.0
67100100	MOBILIZATION	LSUM	1.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1.0
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1.0

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 USER NAME = p1a10n1b1

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NOT TO SCALE
 DATE: 03/28/07

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 CHECKED BY: B.J.M.

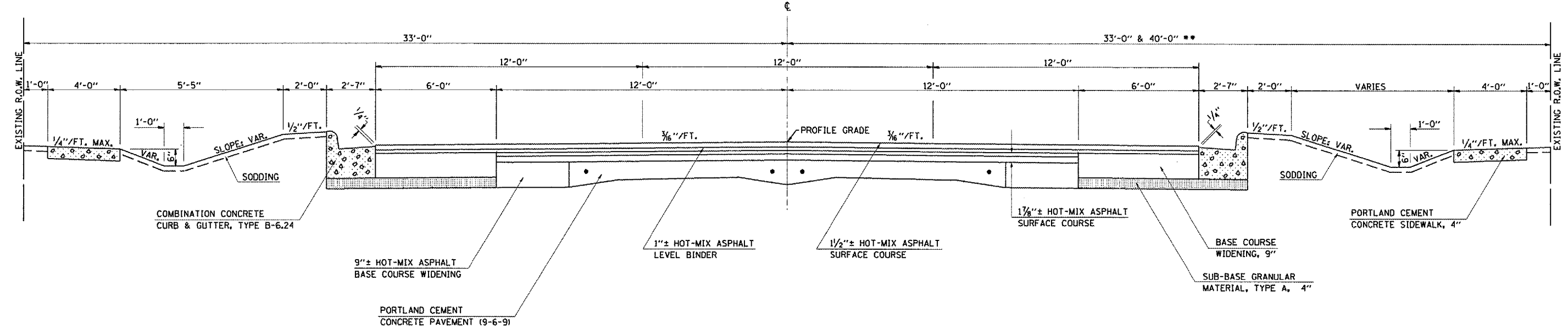
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749		DOUGLAS	8	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

• D5 PATCHING 2008

EXISTING TYPICAL CROSS SECTION

ILLINOIS ROUTE 133

STATION 1+20.71 TO STATION 6+36.25
 STATION 11+16.00 TO STATION 32+21.12 (BK) =
 STATION 33+45.70 (AH)

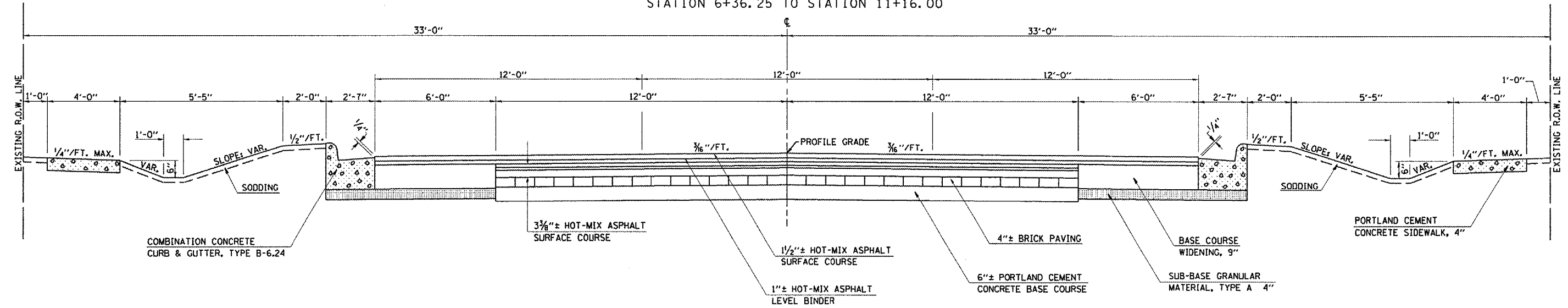


** NOTE: EXISTING R.O.W. 40'-0" FROM RT. STATION 22+38.00 TO RT. STATION 32+21.12

EXISTING TYPICAL CROSS SECTION

ILLINOIS ROUTE 133

STATION 6+36.25 TO STATION 11+16.00



ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS

SCALE: NOT TO SCALE
 DATE: 03/27/07
 DRAWN BY: B.S.P.
 CHECKED BY: B.J.M.

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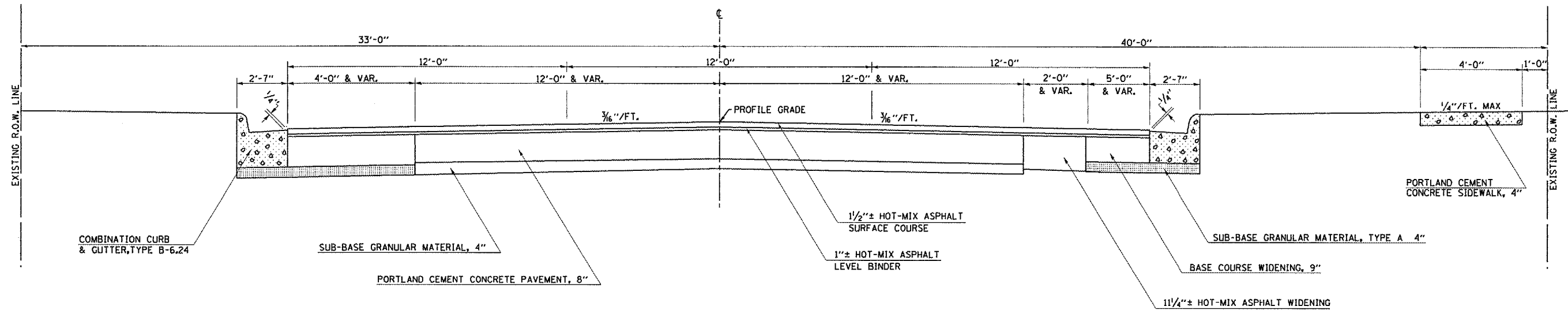
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749		DOUGLAS	8	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• D5 PATCHING 2008

EXISTING TYPICAL CROSS SECTION

ILLINOIS ROUTE 133

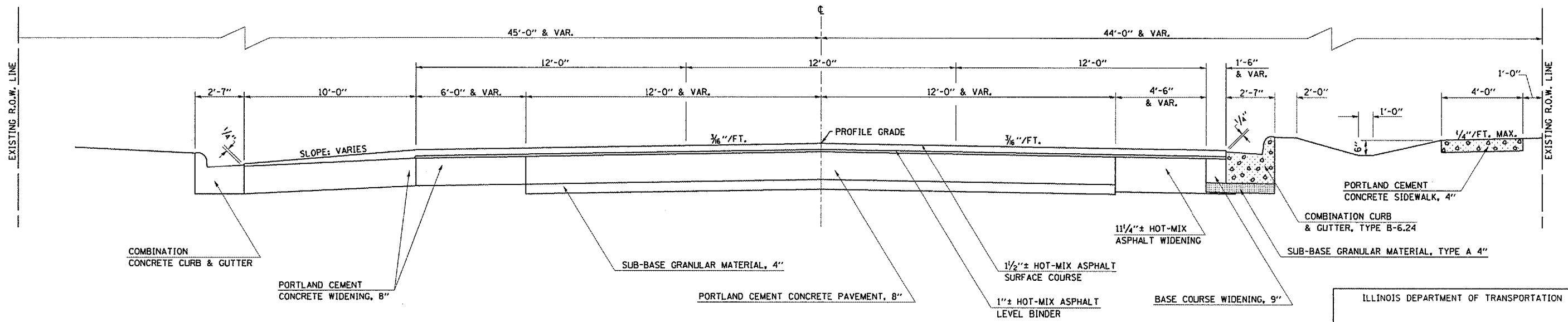
STATION 33+45.70 (AH) = TO STATION 35+90.00
STATION 32+21.12 (BK)



EXISTING TYPICAL CROSS SECTION

ILLINOIS ROUTE 133

STATION 35+90.00 TO STATION 38+03.00



ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS

SCALE: NOT TO SCALE
DATE: 03/27/07

DRAWN BY: B.B.P.
CHECKED BY: B.J.M.

PLOT DATE = 4/11/2007
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USER NAME = pler'sonbr

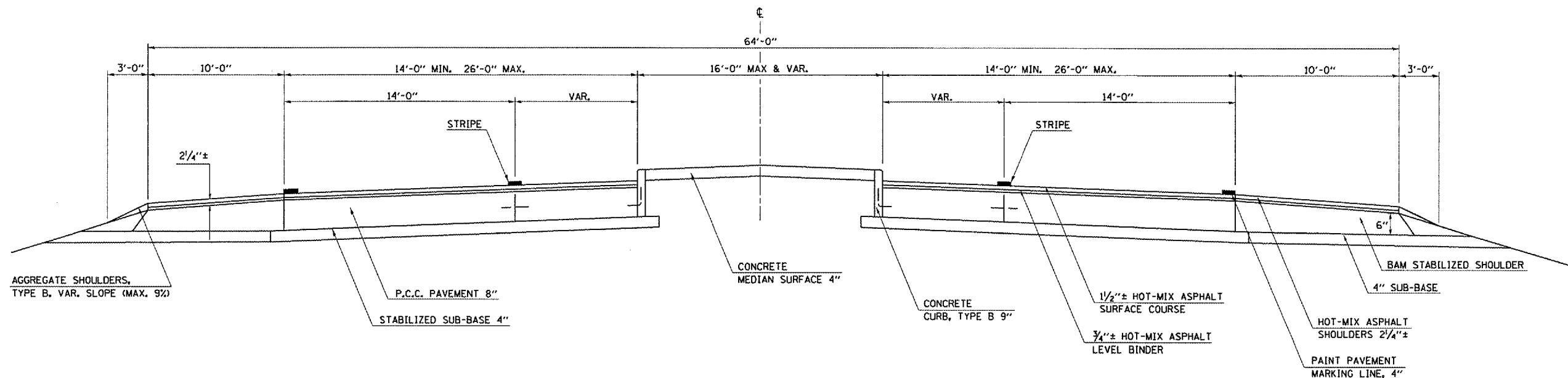
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749		DOUGLAS	8	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• D5 PATCHING 2008

EXISTING TYPICAL CROSS SECTION

ILLINOIS ROUTE 133

STATION 38+03.00 TO STATION 48+87.75



PLOT DATE = 4/11/2007
 FILE NAME = c:\p\projects\450907 (v8)\70649\sheet1.s.dgn
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 USER NAME = pliersonbr

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS

SCALE: NOT TO SCALE
 DATE: 03/27/07

DRAWN BY: B.B.P.
 CHECKED BY: B.L.M.

