

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

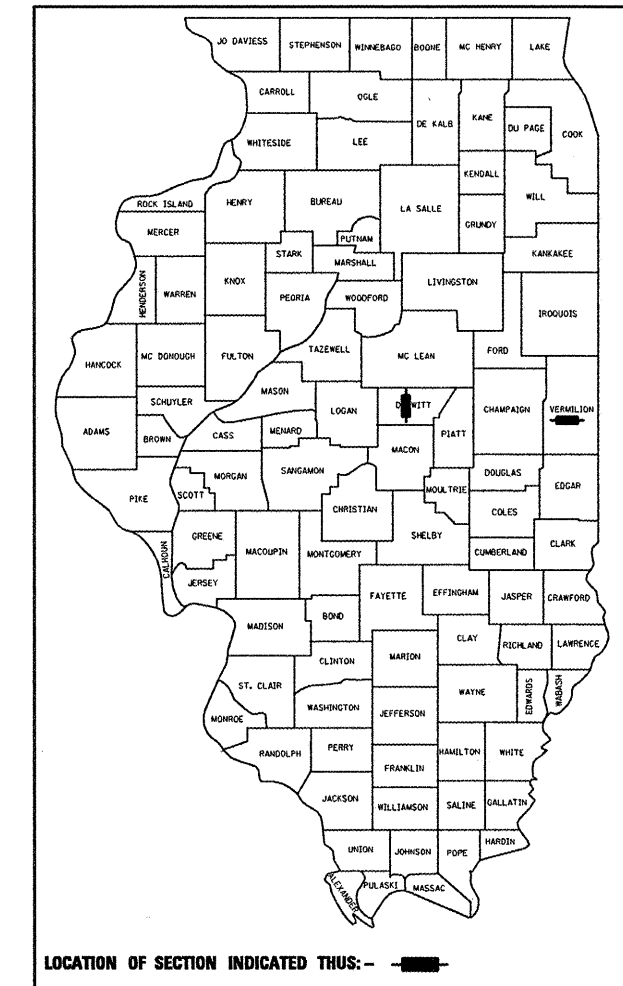
F.A.P. ROUTES 322 & 729 (U.S. 51 & U.S. 150)
SECTION 53PT & 34T

REPROFILING & STORM SEWER REPAIR
DEWITT & VERMILION COUNTIES

C-95-057-09

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	53PT & 34T	**	13	1
		ILLINOIS	CONTRACT NO. 70822	
		* 322 & 729		
		** DEWITT & VERMILION		

D-95-057-09



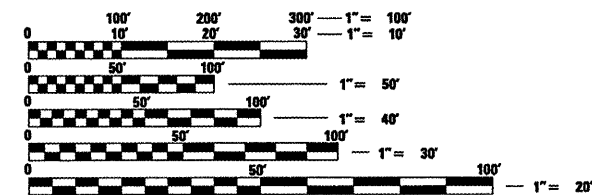
FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5

CURRENT ADT / DESIGN ADT

LOCATION #1 CURRENT ADT: 10,900 (2009)
LOCATION #2 CURRENT ADT: 7,900 (2009)
LOCATION #3 CURRENT ADT: 11,700 (2009)
LOCATION #4 CURRENT ADT: 11,700 (2009)
LOCATION #5 CURRENT ADT: 14,400 (2010)

DESIGN DESIGNATION

NA



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
OR 811
WAPELLA TOWNSHIP, DEWITT CO (LOCATION #1)
CLINTONIA TOWNSHIP, DEWITT CO (LOCATION #2 & #3)
TEXAS TOWNSHIP, DEWITT CO (LOCATION #4)
CATLIN TOWNSHIP, VERMILION CO (LOCATION #5)

PROJECT ENGINEER: NANCY FASIG
SQUAD LEADER: BRIAN J. HOGAN
DESIGNER: BYRON SMITH
(217)-465-4181

CONTRACT NO. 70822

FOR LOCATION MAPS, SEE SHEET NO. 2

GROSS LENGTH = 159.0 FT. = 0.030 MILE
NET LENGTH = 159.0 FT. = 0.030 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

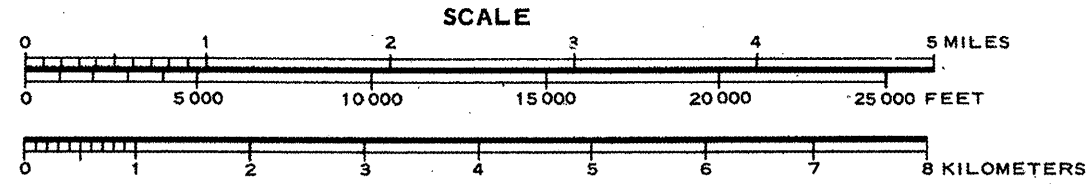
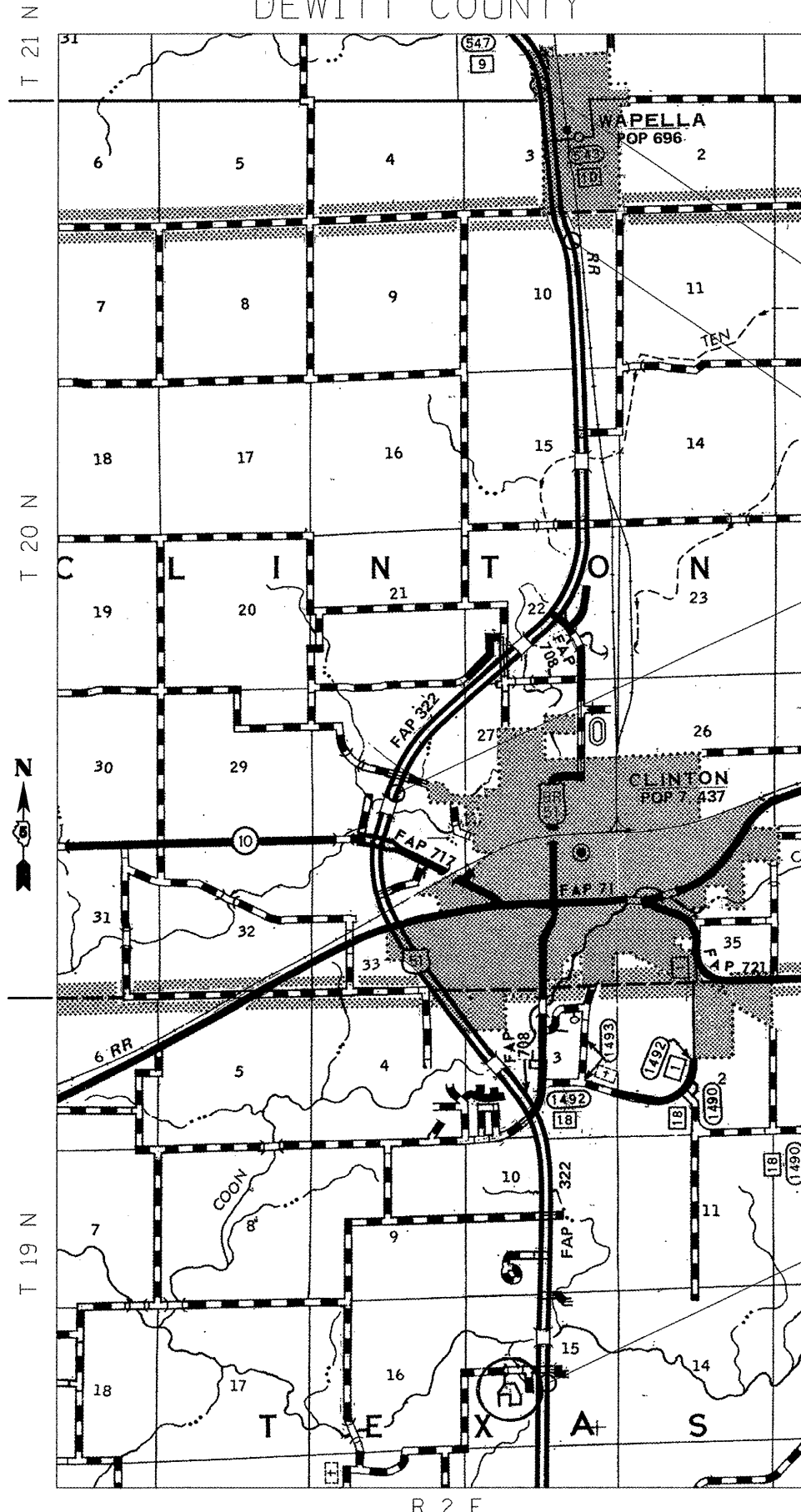
SUBMITTED 1/25 2010
Deanna A. Anderson
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19, 2010
Scott E. Stitt, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

DEWITT COUNTY



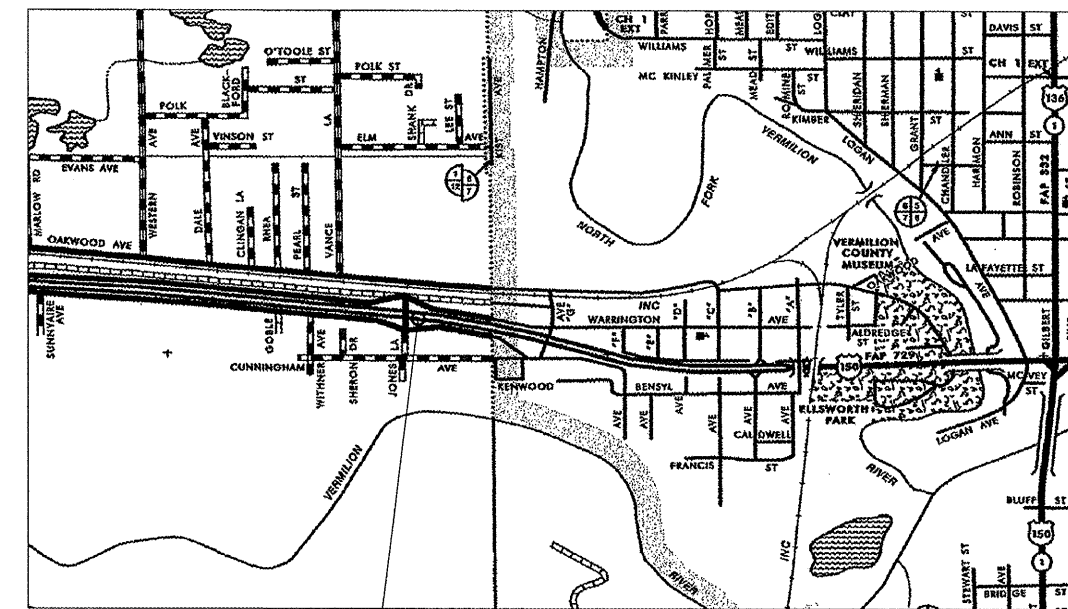
LOCATION #4 (REPROFILING)
SB STA. 1332+50 TO STA. 1332+86

LOCATION #3 (REPROFILING)
NB STA. 1278+65 TO STA. 1279+00

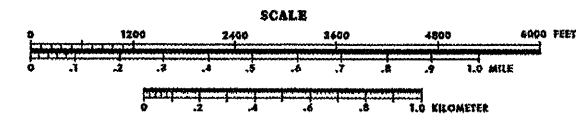
LOCATION #2 (REPROFILING)
NB STA. 694+60 TO STA. 695+14

LOCATION #1 (REPROFILING)
NB STA. 866+83 TO STA. 867+17

VERMILION COUNTY



LOCATION #5 (STORM SEWER REPAIR)
STA. 553+00



FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -
c:\pwork\PWIDOT\HOGANBJ\d0180525\d57822-shr-cover.dgn		DRAWN - BJH	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/12/2010		DATE - 01/05/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAPS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	53PT & 34T	••	13	2
CONTRACT NO. 70822				
ILLINOIS FED. AID PROJECT				

• 322 & 729
•• DEWITT & VERMILION

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	LOCATION MAPS
3	INDEX OF SHEETS
3	LIST OF HIGHWAY STANDARDS
4	GENERAL NOTES
5	SUMMARY OF QUANTITIES
6-8	EXISTING TYPICAL CROSS SECTIONS
9	SCHEDULES OF QUANTITIES
10-12	PLAN SHEETS
13	PAVEMENT REPROFILING DETAIL

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
701400-04	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701421-02	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS \diamond 45 MPH TO 55 MPH
701901-01	TRAFFIC CONTROL DEVICES

• 322 & 729
•• DEWITT & VERMILION

FILE NAME :	USER NAME = hoganbj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & LIST OF STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\FWIDOT\HOGANBJ\d0180525\0576	822-shr-gennote.dgn	DRAWN - BJH	REVISED -			•	53PT & 34T	••	13	3
PLOT SCALE = 48,0000' / IN.	CHECKED -	REVISED -	REVISED -							
PLOT DATE = 1/12/2010	DATE - 01/08/2010	REVISED -	REVISED -							
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____						CONTRACT NO. 70822 [ILLINOIS] FED. AID PROJECT				

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.-105.09A

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

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.

NO COMMITMENTS

• 322 & 729
•• DEWITT & VERMILION

FILE NAME = <small>c:\pw_work\PWIDOT\HOGANBJ\d0180525\057</small>	USER NAME = hoganbj <small>022-shr-gennote.dgn</small>	DESIGNED - --- DRAWN - BJH	REVISED - --- REVISED - --- REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE. •	SECTION 53PT & 34T	COUNTY ••	TOTAL SHEETS 13	SHEET NO. 4	
PLOT SCALE = 40.0000' / IN. PLOT DATE = 1/12/2010		CHECKED - --- DATE - 01/08/2010				SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____	CONTRACT NO. 70822 <small>ILLINOIS FED. AID PROJECT</small>				

SUMMARY OF QUANTITIES

LOCATION OF WORK:

F.A.P. 322 (US 51)
 RURAL MULTILANE
 PAVEMENT REPROFILING
 DEWITT COUNTY
 STA. 866+83 TO STA. 867+17
 STA. 694+60 TO STA. 695+14
 STA. 1278+65 TO STA. 1279+00
 STA. 1332+50 TO STA. 1332+86

F.A.P. 729 (US 150)
 URBAN MULTILANE
 STORM SEWER REPAIR
 VERMILION COUNTY
 STA. 553+00

FUNDING BREAKOUT:
 CONSTRUCTION TYPE CODE:

STATE - 100%
 MAIN

STATE - 100%
 MAIN

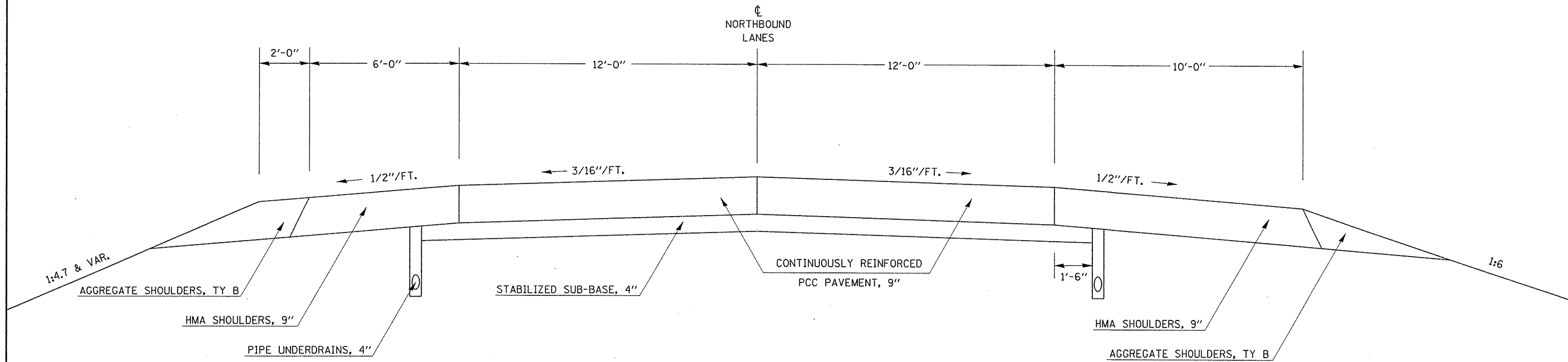
CODE NO.	ITEM	UNIT	SUB-TOTAL	SUB-TOTAL	TOTAL QUANTITY
67100100	MOBILIZATION	L SUM	0.8	0.2	1.0
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	0.5	0.5	1.0
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0		1.0
X0329857	POLYURETHANE MATERIAL	POUND	8,947.0	3,153.0	12,100.0

* 322 & 729
 ** DEWITT & VERMILION

FILE NAME = c:\p\work\PWIDOT\HOGANBJ\d0180525\0570922-shr-soq.dgn	USER NAME = hoganbj	DESIGNED - ___	REVISED - ___	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. *	SECTION 53PT & 34T	COUNTY **	TOTAL SHEETS 13	SHEET NO. 5
PLOT SCALE = 40,0000 / IN.	CHECKED - ___	REVISIED - ___	REVISIED - ___	SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT CONTRACT NO. 70822			
PLOT DATE = 1/13/2010	DATE - _____	REVISIED - ___	REVISIED - ___							

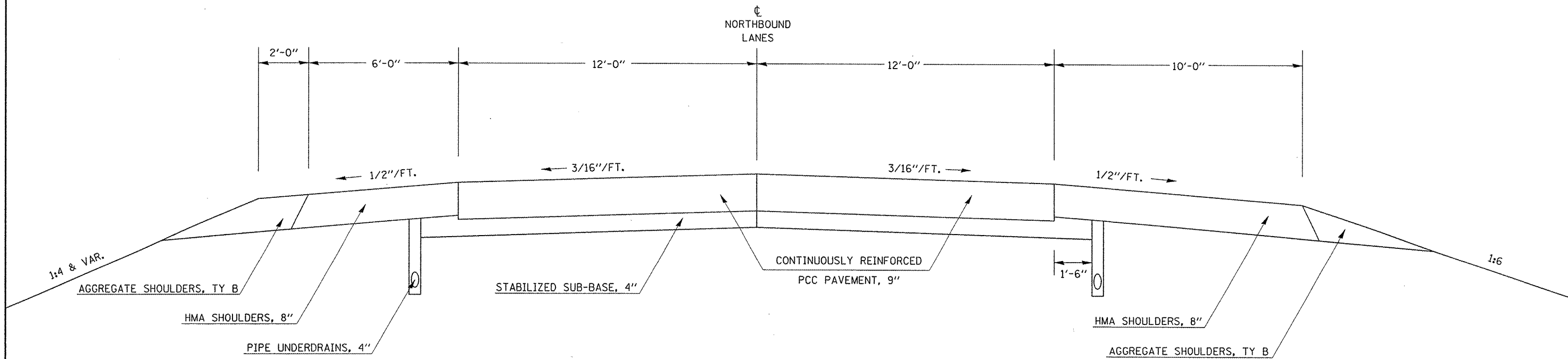
EXISTING TYPICAL CROSS SECTION

F.A.P. 322 (US 51) NB - LOCATION #1 - STA. 866+83 TO STA. 867+17



EXISTING TYPICAL CROSS SECTION

F.A.P. 322 (US 51) NB - LOCATION #2 - STA. 694+60 TO STA. 695+14



• 322 & 729
 ** DEWITT & VERMILION

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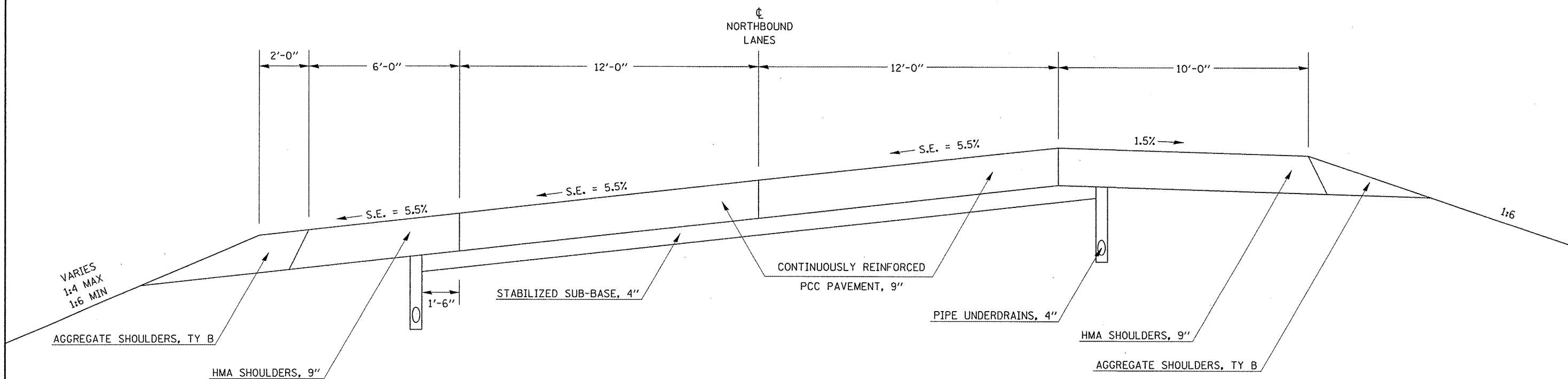
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS		
SCALE: N/A	SHEET NO. 1 OF 3 SHEETS	LOCATION #1 & #2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	53PT & 34T	**	13	6
CONTRACT NO. 70822				
ILLINOIS FED. AID PROJECT				

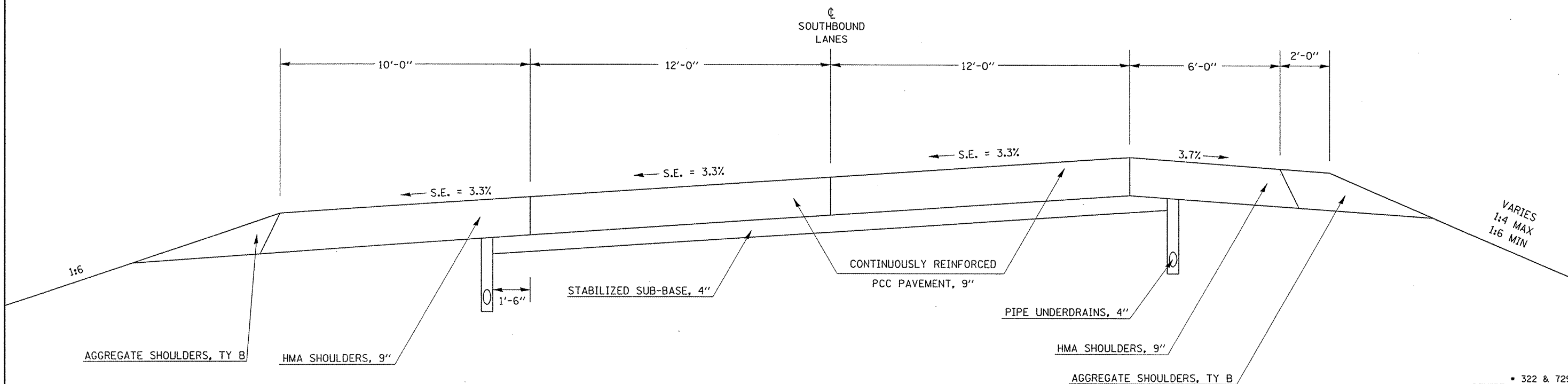
EXISTING TYPICAL CROSS SECTION

F.A.P. 322 (US 51) NB - LOCATION #3 - STA. 1278+65 TO STA. 1279+00



EXISTING TYPICAL CROSS SECTION

F.A.P. 322 (US 51) SB - LOCATION #4 - STA. 1332+50 TO STA. 1332+86



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PLOT SCALE = 48.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/13/2010		DATE - 01/13/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS

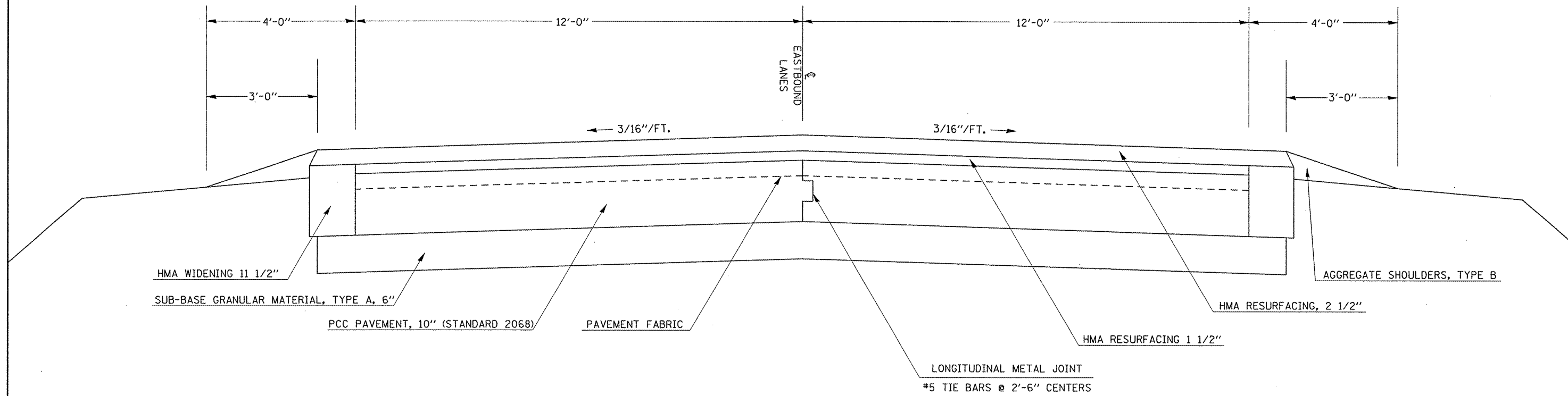
SCALE: N/A SHEET NO. 2 OF 3 SHEETS LOCATION #3 & #4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	53PT & 34T	**	13	7
			CONTRACT NO. 70822	
ILLINOIS FED. AID PROJECT				

* 322 & 729
** DEWITT & VERMILION

EXISTING TYPICAL CROSS SECTION

F.A.P. 729 (US 150) EB - LOCATION #5 - STA. 553+00



* 322 & 729
** DEWITT & VERMILION

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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			53PT & 34T	**	13	8	
PLOT DATE = 1/14/2010	DATE = 01/12/2010	REVISED -	REVISED -	SCALE: N/A	SHEET NO. 3 OF 3 SHEETS	LOCATION #5	CONTRACT NO. 70822 ILLINOIS FED. AID PROJECT			

SCHEDULE OF QUANTITIES

70100310 TRAFFIC CONTROL AND PROTECTION, STANDARD 701421

LOCATION TO BE UTILIZED	L SUM
LOCATION #2	0.5
LOCATION #5	0.5
TOTAL =	1.0

70100700 TRAFFIC CONTROL AND PROTECTION, STANDARD 701406

LOCATION TO BE UTILIZED	L SUM
LOCATION #1	0.3
LOCATION #3	0.3
LOCATION #4	0.4
TOTAL =	1.0

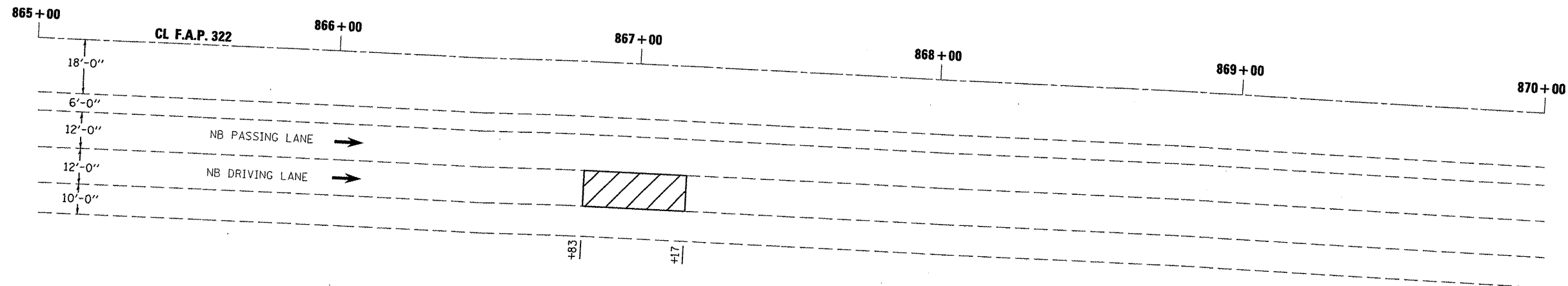
X0329857 POLYURETHANE MATERIAL


LANE	STATION	TO	STATION	LOCATION	WEIGHT (POUND)
NBDL	866+83		867+17	#1	818.0
LOCATION #1 SUBTOTAL =					818.0
NBPS	694+65		695+00	#2	494.0
NBPL	694+65		695+14	#2	1,274.0
NBDL	694+60		695+14	#2	1,480.0
NBDS	694+65		695+14	#2	1,443.0
LOCATION #2 SUBTOTAL =					4,691.0
NBDL	1278+65		1279+00	#3	912.0
NBDS	1278+68		1278+93	#3	566.0
LOCATION #3 SUBTOTAL =					1,478.0
SBPS	1332+58		1332+78	#4	615.0
SBPL	1332+50		1332+86	#4	877.0
SBDL	1332+56		1332+83	#4	468.0
LOCATION # 4 SUBTOTAL =					1,960.0
EBPL	553+00		553+00	#5	3,153.0
LOCATION #5 SUBTOTAL =					3,153.0
TOTAL POUNDS =					12,100.0

• 322 & 729
** DEWITT & VERMILION

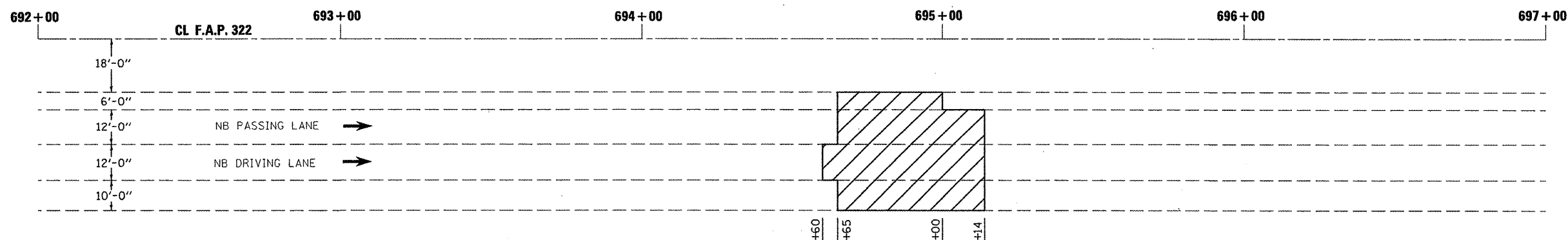
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	PLOT DATE = 1/13/2010	DATE - 01/12/2010	REVISED -						ILLINOIS FED. AID PROJECT	


LOCATION #1



 PAVEMENT REPROFILING USING HIGH-DENSITY FOAM

LOCATION #2



 PAVEMENT REPROFILING USING HIGH-DENSITY FOAM

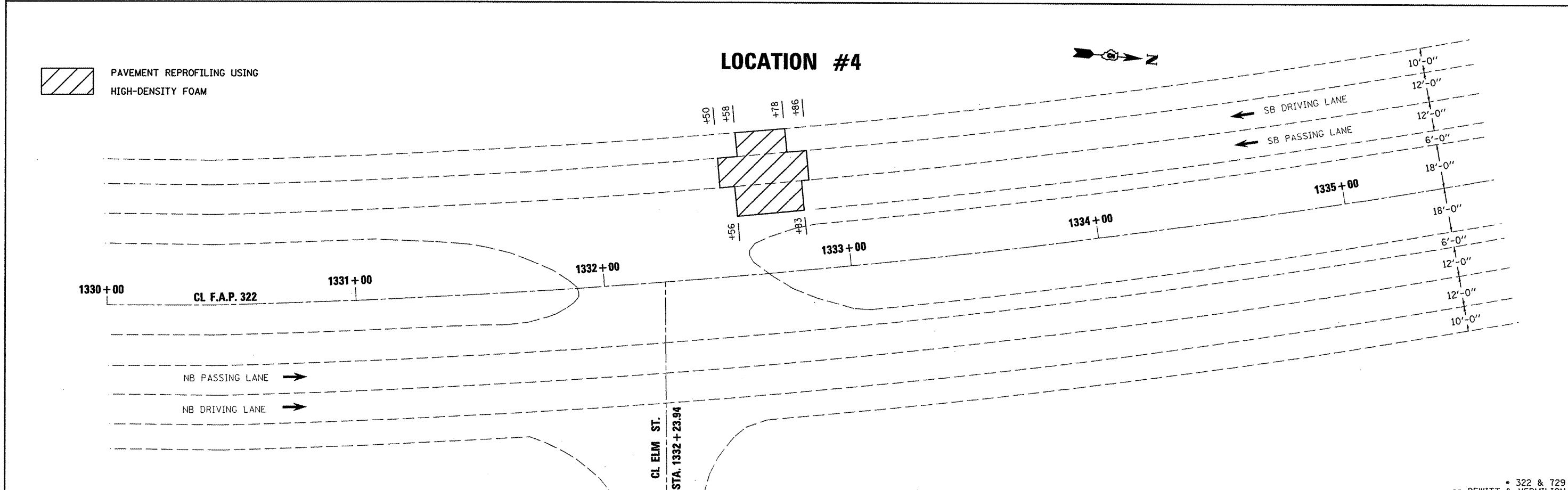
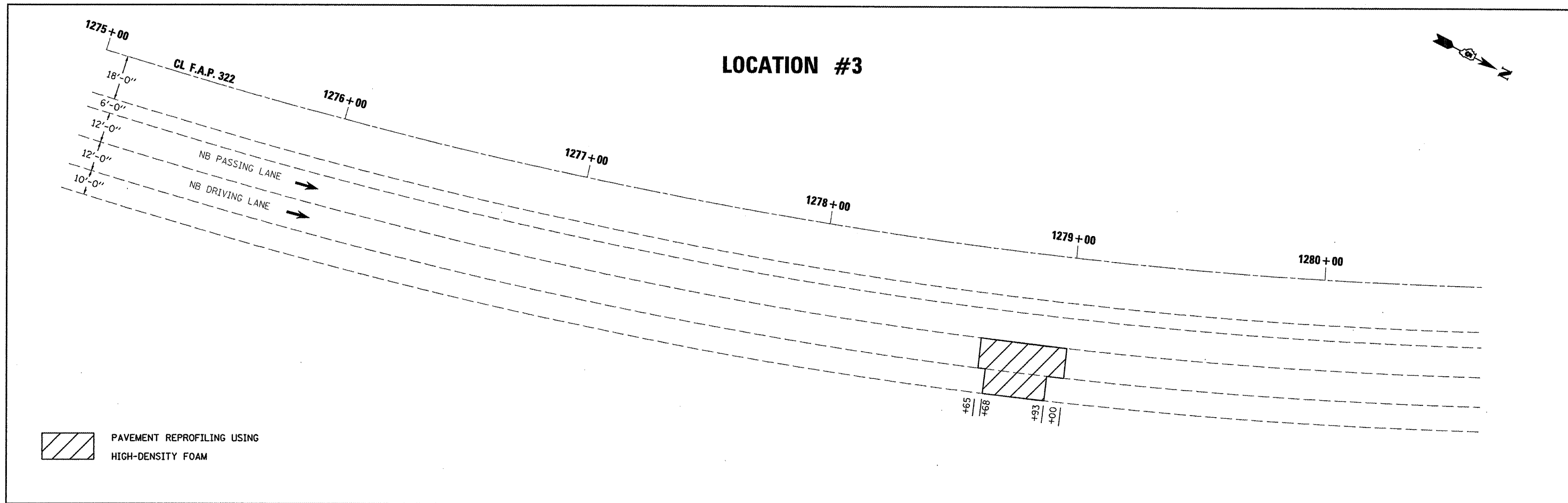
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		DRAWN :	REVISED :
		BJH	-----
		CHECKED :	REVISED :
		---	-----
		DATE :	REVISED :
		01/07/2010	-----

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET	
LOCATION #1 AND LOCATION #2	
SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS
STA. 867+00 AND STA. 694+87	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	53PT & 34T.	**	13	10
CONTRACT NO. 70822				
ILLINOIS FED. AID PROJECT				

• 322 & 729
•• DEWITT & VERMILION

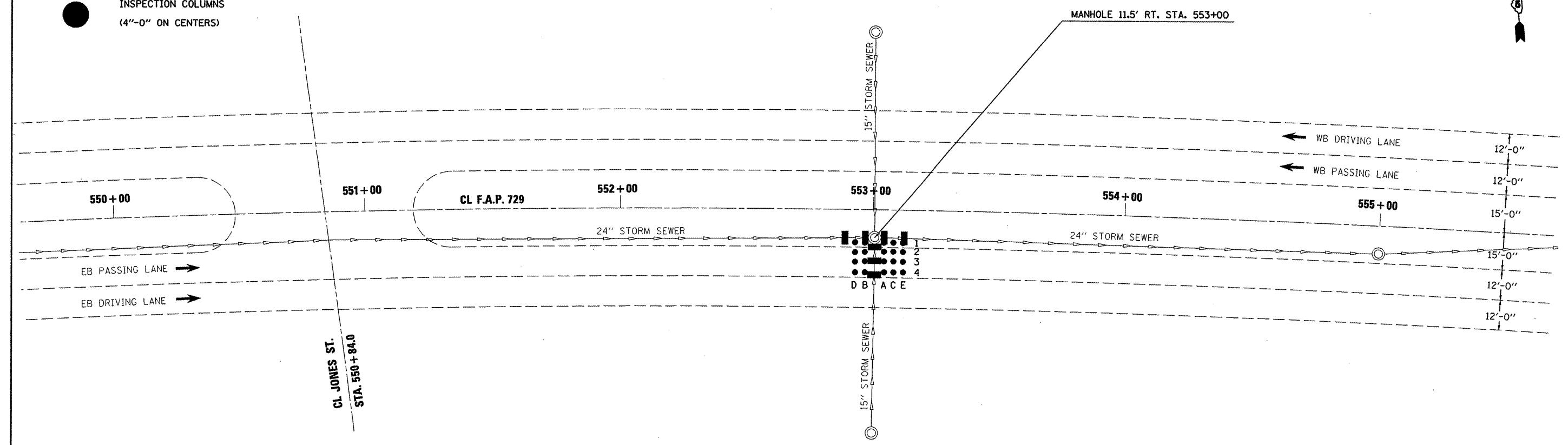


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c:\pwwork\FWIDOT\HOGANBJ\d0180525\DS7822-sht-plan.dgn		DRAWN - BJH	REVISED -	REVISED -		LOCATION #3 AND LOCATION #4		.	53PT & 34T	**	13	11
PLOT SCALE = 40,0000' / IN.		CHECKED -	REVISED -	REVISED -		SCALE: 1" = 20'	SHEET NO. 2 OF 3 SHEETS	STA. 1278+82 AND STA. 1332+68		CONTRACT NO. 70822		
PLOT DATE = 1/12/2010		DATE - 01/07/2010	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT						

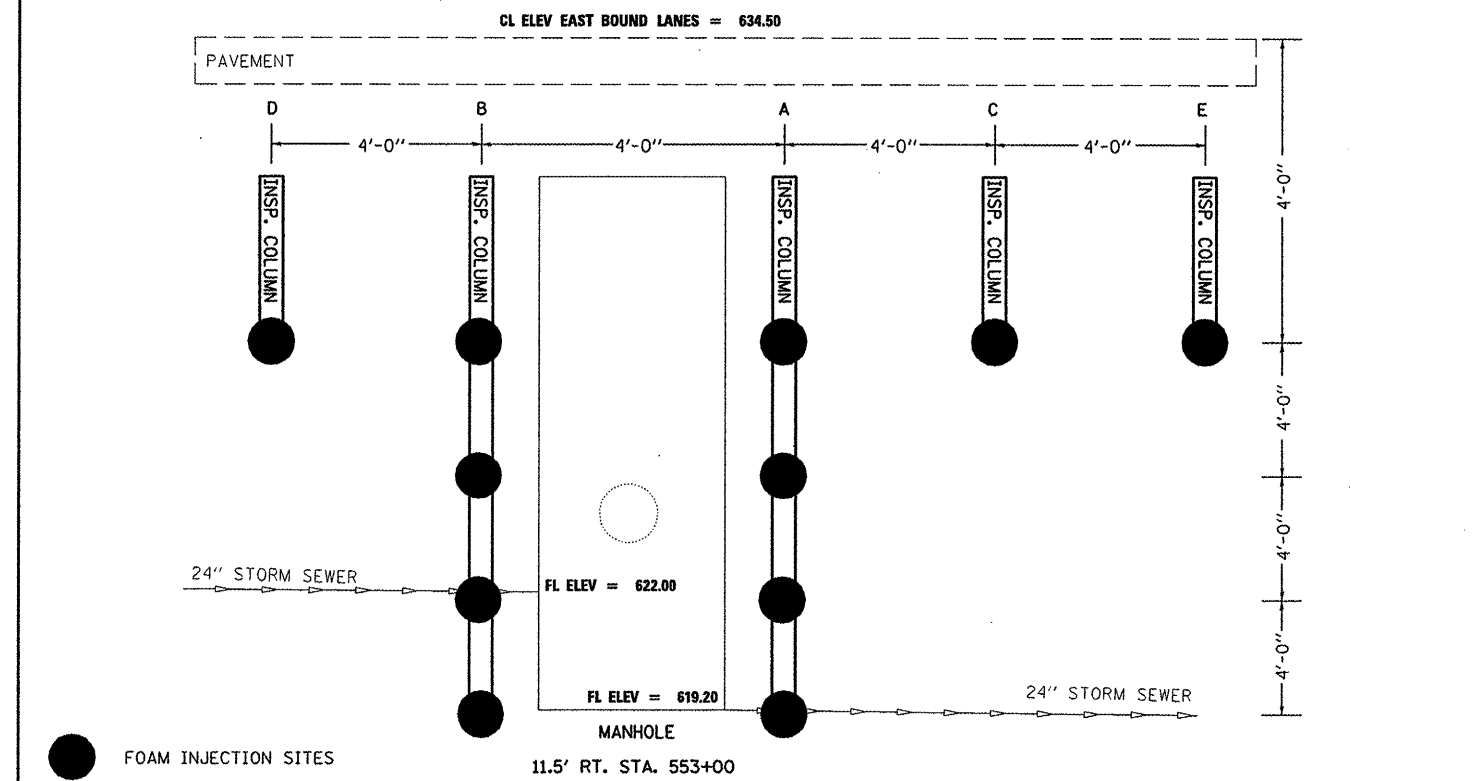
* 322 & 729
** DEWITT & VERMILION

-  PIPE JOINT
-  INSPECTION COLUMNS
(4'-0" ON CENTERS)

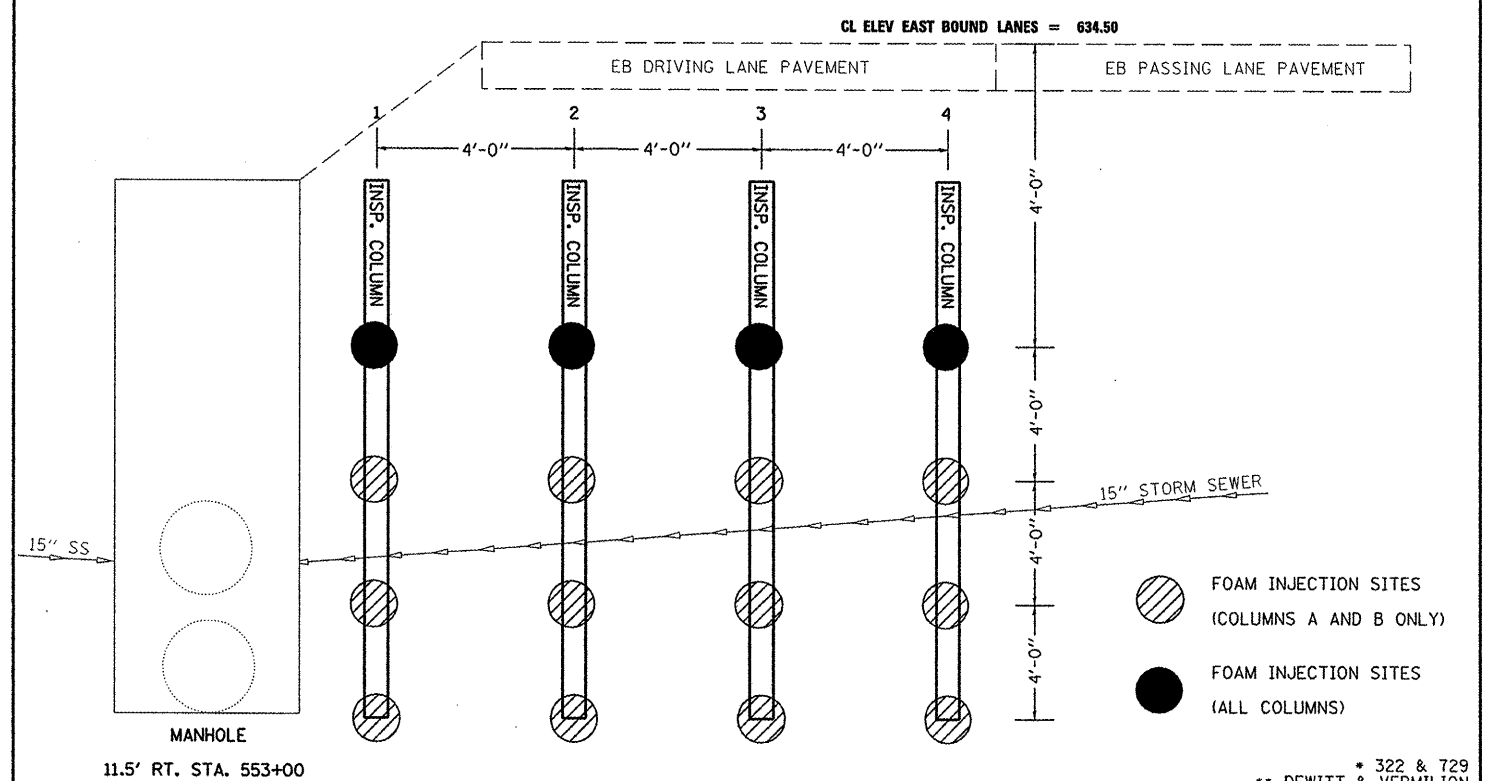
LOCATION #5 PLAN VIEW



LOCATION #5 PROFILE VIEW LOOKING NORTH (NOT TO SCALE)



LOCATION #5 PROFILE VIEW LOOKING EAST (NOT TO SCALE)



FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE - 01/08/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET LOCATION #5	
SCALE: 1" = 20'	SHEET NO. 3 OF 3 SHEETS
STA. 553+00	

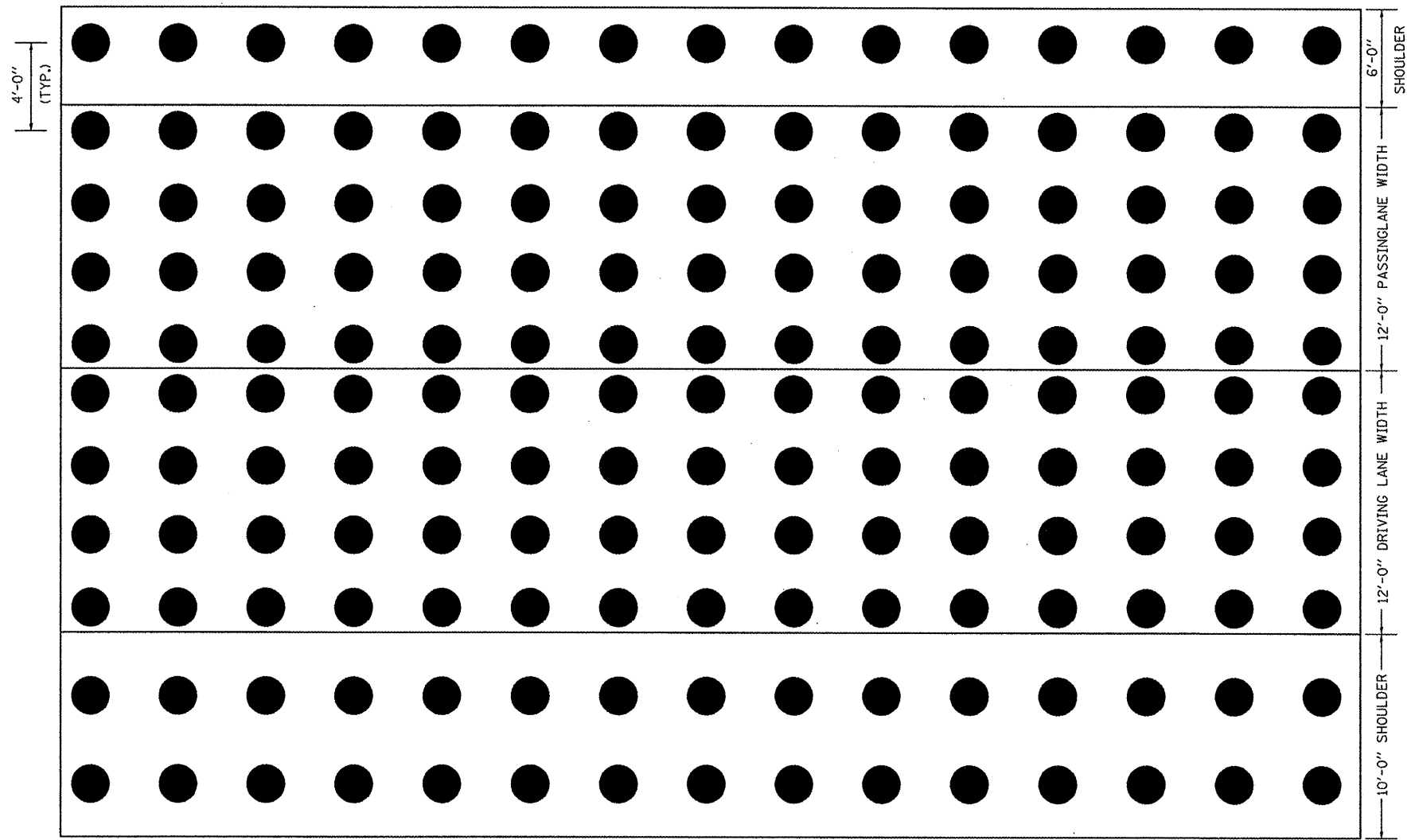
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	53PT & 34T	**	13	12
CONTRACT NO. 70822				

* 322 & 729
** DEWITT & VERMILION

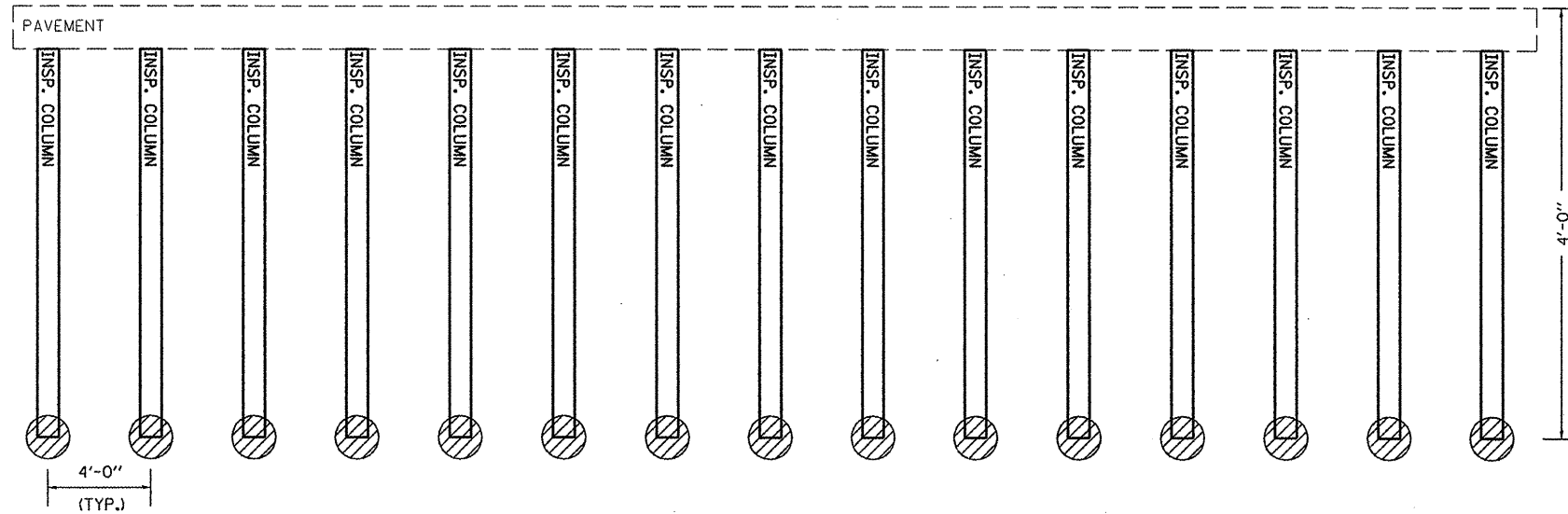
ILLINOIS FED. AID PROJECT

TYPICAL PAVEMENT REPROFILING (LOCATIONS #1 - #4) USING HIGH DENSITY FOAM DETAIL (NOT TO SCALE)

● INSPECTION COLUMNS
(4'-0" ON CENTERS)



◉ FOAM INJECTION SITES



FILE NAME =	USER NAME = hoganbj	DESIGNED -	REVISED -
ca\pw_work\PW1001\HOGANBJ\0180525\0574822-sht-plan.dgn		DRAWN - BJH	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/12/2010	DATE - 01/12/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT REPROFILING USING HIGH DENSITY FOAM DETAIL

SCALE: N/A SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	53PT & 34T	••	13	13
CONTRACT NO. 70822				
ILLINOIS FED. AID PROJECT				

• 322 & 729
•• DEWITT & VERMILION