

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	VARIOUS	VARIOUS	19	1
ILLINOIS CONTRACT NO. 68D50				

INDEX OF SHEETS *

1. COVER SHEET
2. GENERAL NOTES, COMMITMENTS, JOB SPECIFIC NOTES
3. SUMMARY OF QUANTITIES
4. SCHEDULES OF QUANTITIES
5. ~~14~~ TYPICAL SECTIONS
16. IL 116 /US 24 /US 150 LINE DIAGRAM TAZEWELL COUNTY
17. IL-98 AND I-155 LINE DIAGRAM TAZEWELL COUNTY
18. I-74 LINE DIAGRAM KNOX COUNTY

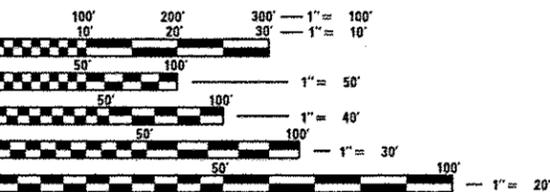
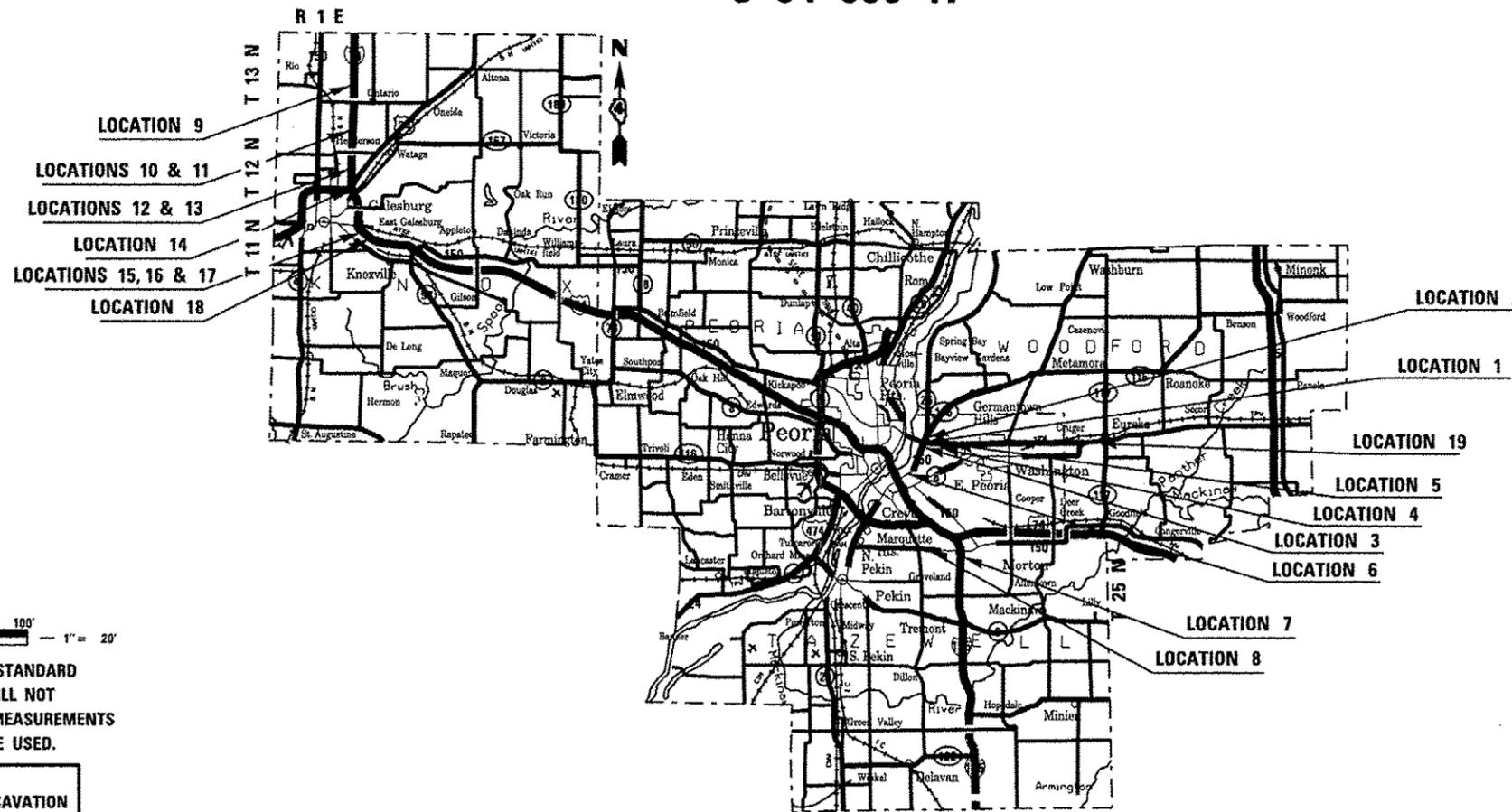
* SHEETS 15 & 19 WERE DELETED

HIGHWAY STANDARDS

701201-04	701428-01
701400-09	701456-04
701406-11	701901-06
701421-08	

TRAFFIC DATA & DESIGNATION

ADT	SU	MU
IL 116 (2015) Tazewell Co		
Other Arterial		
1,200	5.00%	0.83%
IL 116 / US 24 (2015) Tazewell Co		
Other Arterial		
4,050	2.47%	1.48%
IL-98 (2015) Tazewell Co		
Other Arterial		
4,250	3.53%	0.94%
US 24 (2015) WOODFORD Co		
Other Arterial		
6,900	2.75%	4.35%
I-74 (2015) Knox Co		
INTERSTATE		
17,000	29.78%	5.37%
I-155 (2015) Tazewell Co		
INTERSTATE		
17,400	8.62%	3.74%



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.

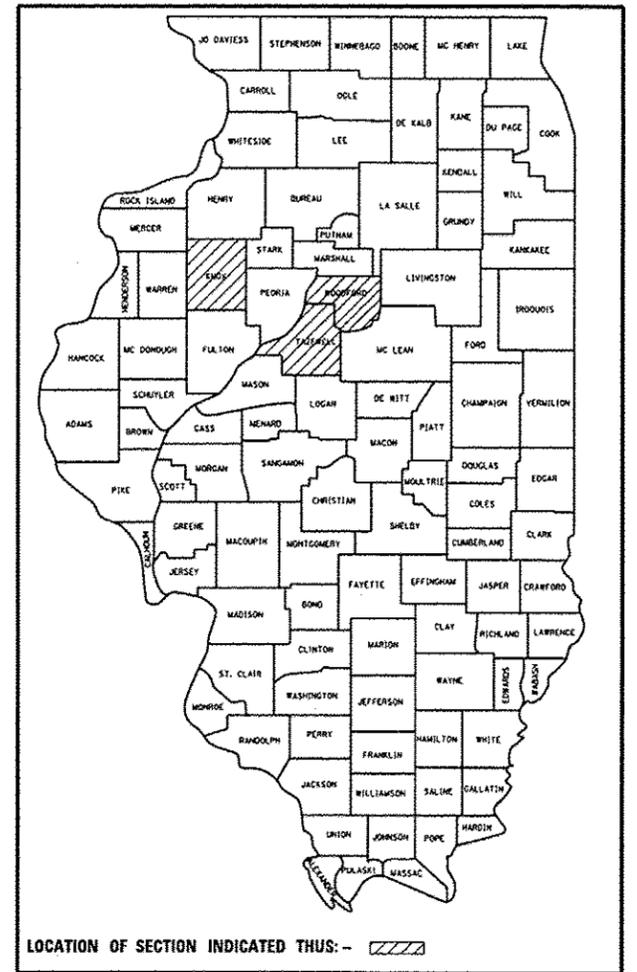
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER CHRISTOPHER MAUSHARD (309) 671-3453
PROJECT MANAGER MIKE MOHAMED (309) 671-3462
CONTRACT NO. 68D50
CATALOG NO. 035448-00D

GROSS LENGTH = N/A
NET LENGTH = N/A

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

ROUTE: VARIOUS ROUTES
SECTION: D4 CULVERT LINING 2017
PROJECT CONTRACT MAINTENANCE
TAZEWELL & KNOX COUNTIES
C-94-036-17



DESCRIPTION OF WORK
CURED-IN-PLACE PIPE LINERS AT VARIOUS LOCATIONS THROUGHOUT DISTRICT FOUR IN KNOX, TAZEWELL AND WOODFORD COUNTIES.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 6 20 17

Paula James
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Matthew M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Maureen M. Addis, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

NO COMMITMENTS HAVE BEEN MADE ON THIS PROJECT

GENERAL NOTES

ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

JOB SPECIFIC NOTES

TRAFFIC CONTROL FOR SIGNIFICANT ROUTES

THERE SHALL BE NO LANE CLOSURES FOR THE FOLLOWING LOCATIONS MORE THAN THREE DAYS PER PROJECT.

LANE	ROUTE	COUNTY	LOCATION NO.
NORTHBOUND	I-155	TAZEWELL	7
WESTBOPUND	US-24	TAZEWELL	5
OFF JOB LIMITS (CAUTION)	IL-98	TAZEWELL	8

CULVERTS LOCATIONS VERIFICATION

RESIDENT ENGINEER SHALL VERIFY ALL CULVERTS LOCATIONS WITH MAINTENANCE ENGINEER, BEFORE ANY WORK IS DONE.

IL 116 TAZEWELL COUNTY		
LOCATION 1	STA.	0+600
LOCATION 2	STA.	9+199
LOCATION 3	RTE 116 EB TO RTE 24	
US 24 TAZEWELL COUNTY		
LOCATION 4	STA.	293+00
LOCATION 5	STA.	330+00
US 150 TAZEWELL COUNTY		
LOCATION 6	STA.	84+00
I-155 TAZEWELL COUNTY		
LOCATION 7	STA.	73+00
IL 98 TAZEWELL COUNTY		
LOCATION 8	STA.	136+82
I-74 KNOX COUNTY		
LOCATION 9	STA.	289+69
LOCATION 10	STA.	26+45
LOCATION 11	STA.	26+45
LOCATION 12	STA.	132+45
LOCATION 13	STA.	132+45
LOCATION 14	STA.	625+00
LOCATION 15	STA.	375+36
LOCATION 16	STA.	47+53
LOCATION 17	STA.	374+60
LOCATION 18	STA.	426+85

205 0 1 242

SUMMARY OF QUANTITIES

CODE NO	PAY ITEM	UNIT	TOTAL QUANTITY	0004 TAZEWELL 100% STATE	0004 KNOX 100% STATE
				<i>URBAN</i>	<i>URBAN</i>
X0326659	CURED-IN-PLACE PIPE LINER, 18"	FOOT	52	52	
X0326662	CURED-IN-PLACE PIPE LINER, 24"	FOOT	<i>830</i>	560	270
X0326663	CURED-IN-PLACE PIPE LINER, 30"	FOOT	750	750	
X0326664	CURED-IN-PLACE PIPE LINER, 36"	FOOT	936		936
X0327789	CURED-IN-PLACE PIPE LINER, 60"	FOOT	200	200	
67100100	MOBILIZATION	L SUM	1	0.5	<i>0.5</i>
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	<i>1</i>	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.4	0.6
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	0.7	0.3

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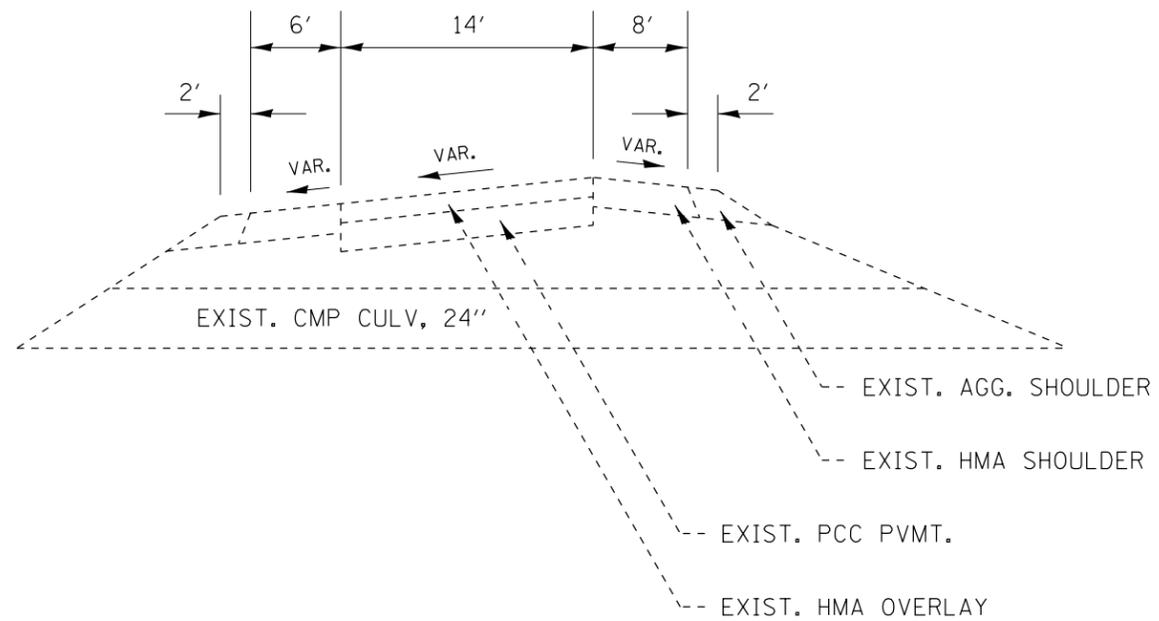
REV

CURED-IN-PLACE PIPE LINER QUANTITIES									
	LOCATION NO.	CULVERT TYPE	CULVERT SIZE	FILL HEIGHT	CURED-IN-PLACE LINER, 18"	CURED-IN-PLACE LINER, 24"	CURED-IN-PLACE LINER, 30"	CURED-IN-PLACE LINER, 36"	CURED-IN-PLACE LINER, 60"
			IN	FT	FT	FT	FT	FT	FT
IL 116 TAZEWELL COUNTY									
STA. 0+600	1	CMP	24	2.0		60			
STA. 9+199	2	CMP	60	2.5					200
RTE 116 EB TO RTE 24	3	CMP	24	8.5		200			
US 24 TAZEWELL COUNTY									
STA. 293+00	4	CMP	24	37.0		170			
STA. 330+00	5	CMP	24	1.7		130			
US 150 TAZEWELL COUNTY									
STA. 84+00	6	CMP	30	13.3			150		
I-155 TAZEWELL COUNTY									
STA. 73+00	7	TRIPLE BARREL CMP	30	5.1			600		
IL 98 TAZEWELL COUNTY									
STA. 136+82	8	CMP	18	2.5	52				
TAZEWELL COUNTY SUB-TOTAL:					52.0	560	750		200
I-74 KNOX COUNTY									
STA. 289+69	9	CMP	36	5.1				96	
STA. 26+45	10	CMP	36	12.5				108	
STA. 26+45	11	CMP	24	24.5		110			
STA. 132+45	12	CMP	36	5.5				87	
STA. 132+45	13	CMP	36	5.5				89	
STA. 625+00	14	CMP	36	22.5				252	
STA. 375+36	15	CMP	36	5.5				100	
STA. 47+53	16	CMP	24	2.3		160			
STA. 374+60	17	CMP	36	5.5				96	
STA. 426+85	18	CMP	36	7.1				108	
KNOX COUNTY SUB-TOTAL:					0.0	270	0	936	0
TOTAL:					52.0	830	750	936	200

TRAFFIC CONTROL & PROTECTION				
LOCATION	STD. 701421	STD. 701201	STD. 701406	STD. 701456
	L SUM	L SUM	L SUM	L SUM
TAZEWELL COUNTY	1	1	0.4	0.7
KNOX COUNTY			0.6	0.3
TOTAL	1	1	1	1

MOBILIZATION	
LOCATION	L SUM
TAZEWELL COUNTY	0.5
KNOX COUNTY	0.5
TOTAL	1

REV



IL 116 RAMP E TYPICAL SECTION

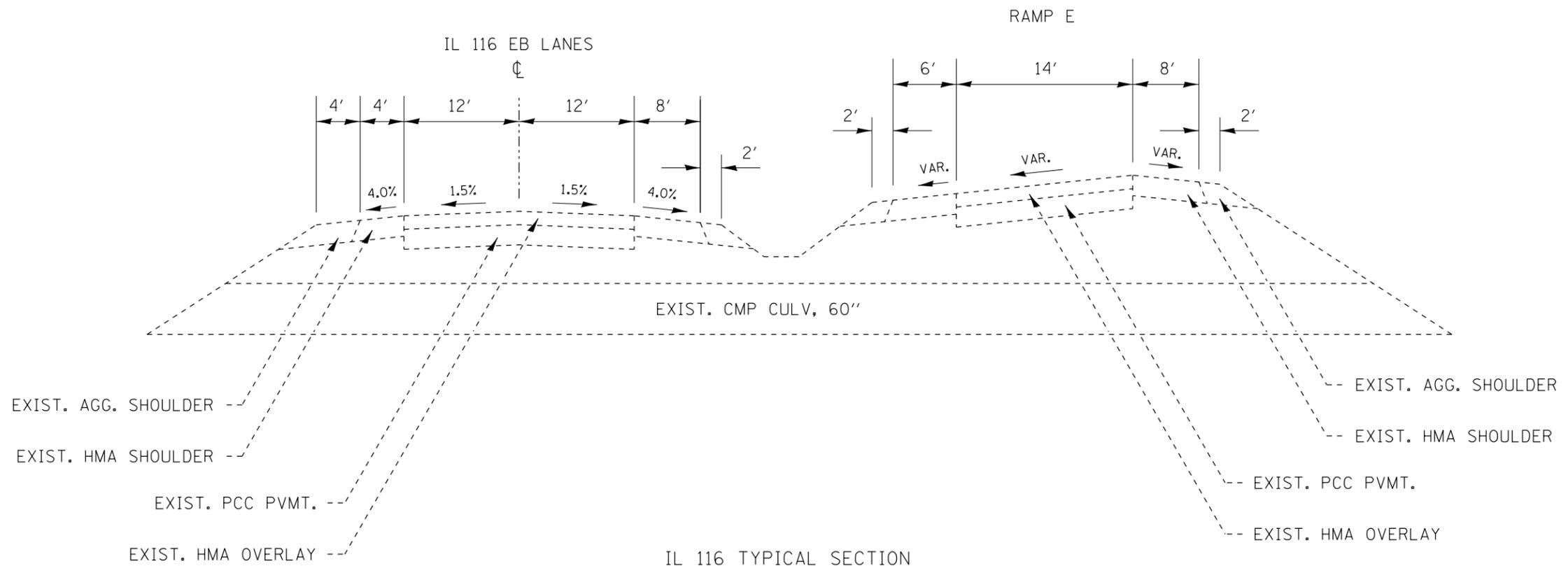
LOCATION 1 - STA. 0+600

NOTES:

*PLEASE REFER TO THE LINE DIAGRAM FOR CULVERT LOCATIONS, SIZES AND FILL HEIGHTS

**FILL HEIGHT IS MEASURED FROM CROWN OF ROAD TO TOP OF CULVERT FOR CROSS ROAD STRUCTURES;
FROM TOP OF EMBANKMENT TO TOP OF CULVERT FOR BRIDGE CONE CULVERTS.

FILE NAME = 2017 DL - Culvert Lining.dgn	USER NAME = aubreys	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL 116 RAMP E LOCATION 1			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	PLOT SCALE = 100.0000' / in.	CHECKED - DATE -	REVISED - REVISED -		SCALE:	SHEET 1	OF 11	SHEETS	STA.	TO STA.	VAR.	VARIOUS	TAZEWELL	19	5
	PLOT DATE = 4/7/2017										CONTRACT NO. 68D50				



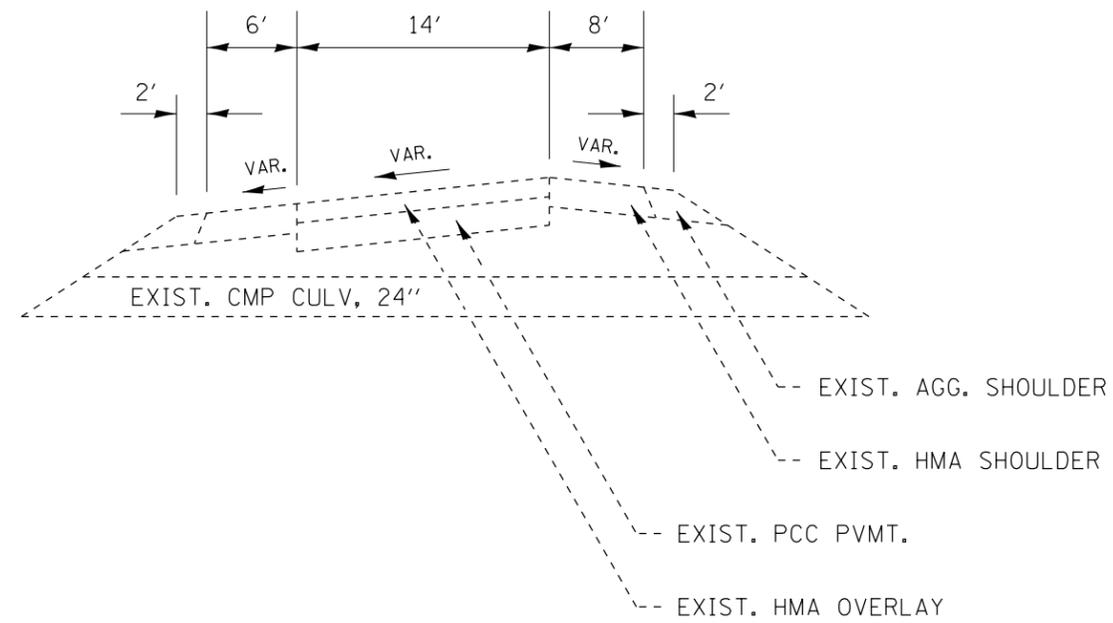
IL 116 TYPICAL SECTION
LOCATION 2 - STA. 9+199

NOTES:

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**FILL HEIGHT IS MEASURED FROM CROWN OF ROAD TO TOP OF CULVERT FOR CROSS ROAD STRUCTURES;
FROM TOP OF EMBANKMENT TO TOP OF CULVERT FOR BRIDGE CONE CULVERTS.

FILE NAME = 2017 DL - Culvert Lining.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL 116 LOCATION 2			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -		SCALE:	SHEET 2	OF 11	SHEETS	STA.	TO STA.	VAR.	VARIOUS	TAZEWELL	19	6
	PLOT DATE = 4/7/2017	CHECKED -	REVISED -								CONTRACT NO. 68D50				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										



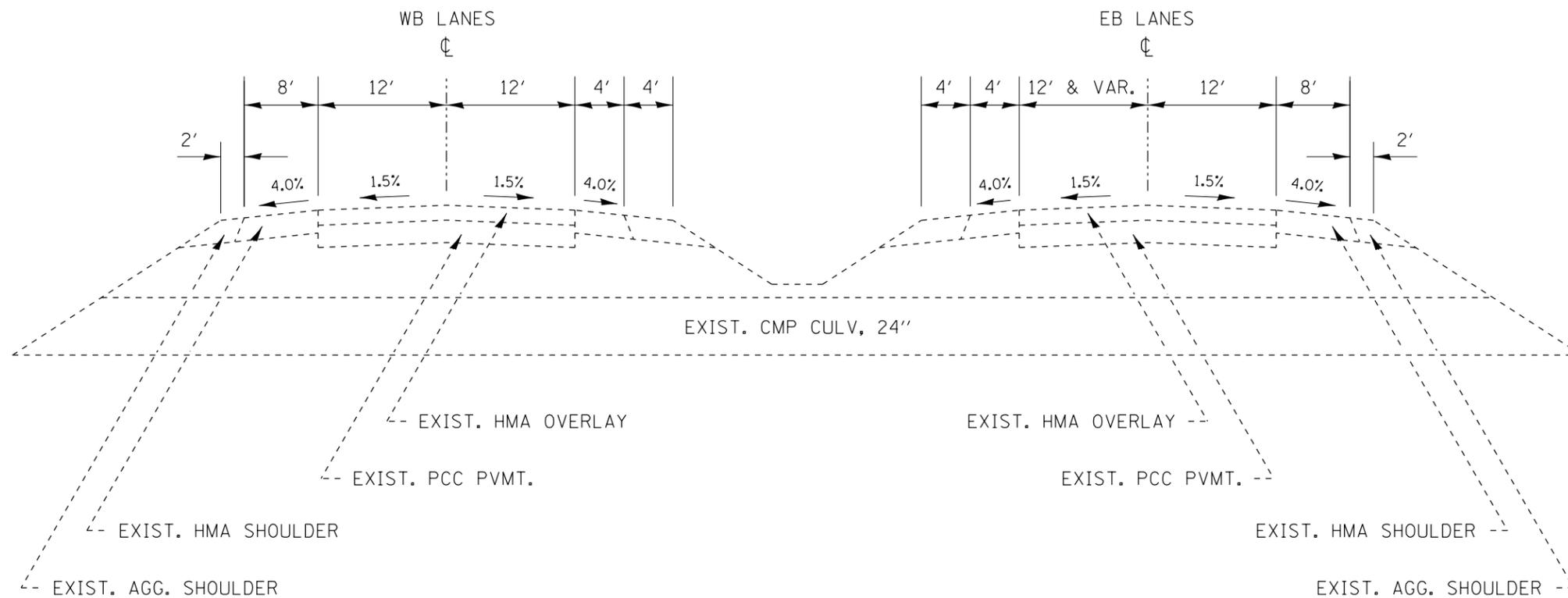
US 24 RAMP TYPICAL SECTION
LOCATION 3 - RTE 116 TO RTE 24

NOTES:

*PLEASE REFER TO THE LINE DIAGRAM FOR CULVERT LOCATIONS, SIZES AND FILL HEIGHTS

**FILL HEIGHT IS MEASURED FROM CROWN OF ROAD TO TOP OF CULVERT FOR CROSS ROAD STRUCTURES; FROM TOP OF EMBANKMENT TO TOP OF CULVERT FOR BRIDGE CONE CULVERTS.

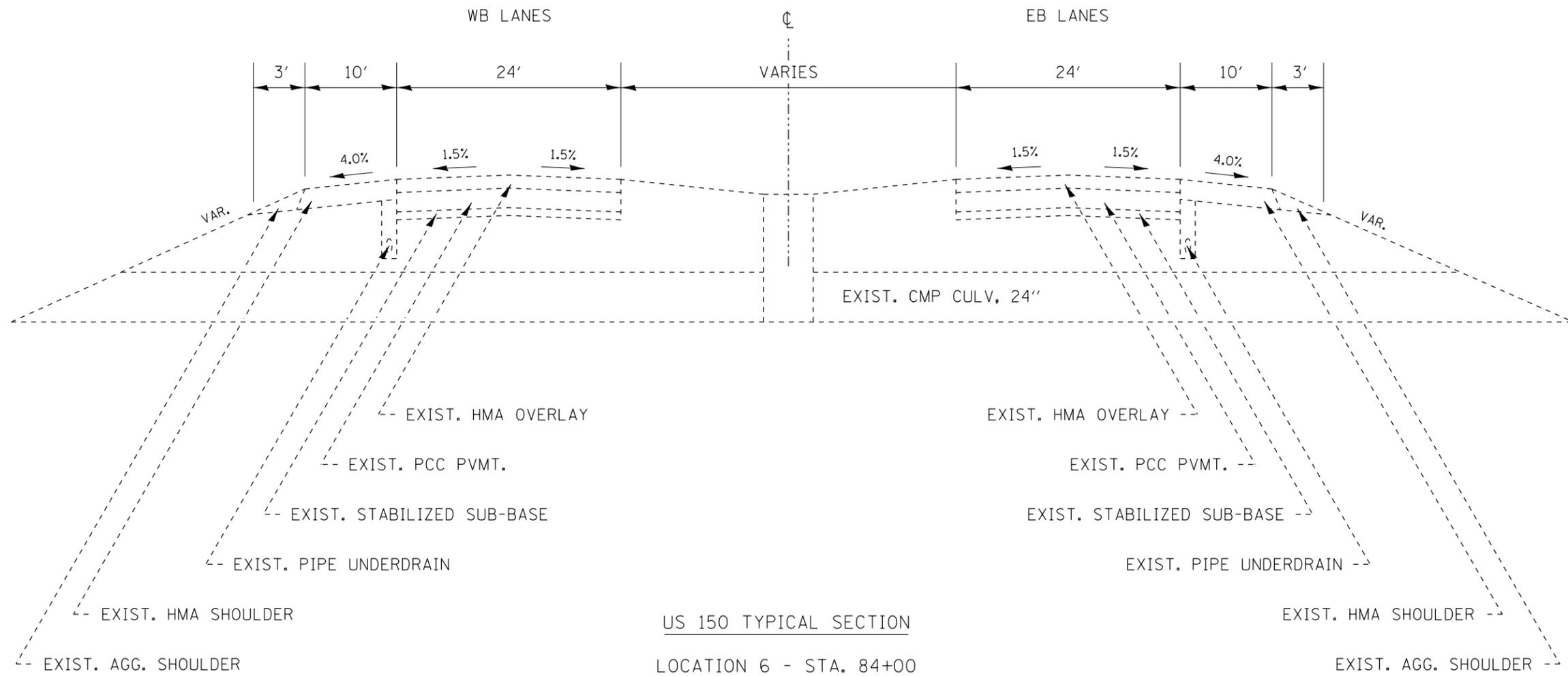
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Default	PLOT SCALE = 100.0000' / in.	CHECKED - DATE -	REVISED - REVISED -					VAR.	VARIOUS	TAZEWELL	19	7
	PLOT DATE = 4/7/2017	DATE -	REVISED -		SCALE:	SHEET 3	OF 11	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 68D50	



US 24 TYPICAL SECTION
 LOCATION 4 - STA. 293+00
 LOCATION 5 - STA. 330+00

NOTES:
 *PLEASE REFER TO THE LINE DIAGRAM FOR CULVERT LOCATIONS, SIZES AND FILL HEIGHTS
 **FILL HEIGHT IS MEASURED FROM CROWN OF ROAD TO TOP OF CULVERT FOR CROSS ROAD STRUCTURES; FROM TOP OF EMBANKMENT TO TOP OF CULVERT FOR BRIDGE CONE CULVERTS.

FILE NAME = 2017 DL - Culvert Lining.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - US 24 LOCATION 4 & 5			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 4	OF 11 SHEETS	STA.	TO STA.	VAR.	TAZEWELL	19	8
	PLOT DATE = 4/7/2017	CHECKED -	REVISED -								CONTRACT NO. 68D50		
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



NOTES:
 *PLEASE REFER TO THE LINE DIAGRAM FOR CULVERT LOCATIONS, SIZES AND FILL HEIGHTS
 **FILL HEIGHT IS MEASURED FROM CROWN OF ROAD TO TOP OF CULVERT FOR CROSS ROAD STRUCTURES; FROM TOP OF EMBANKMENT TO TOP OF CULVERT FOR BRIDGE CONE CULVERTS.

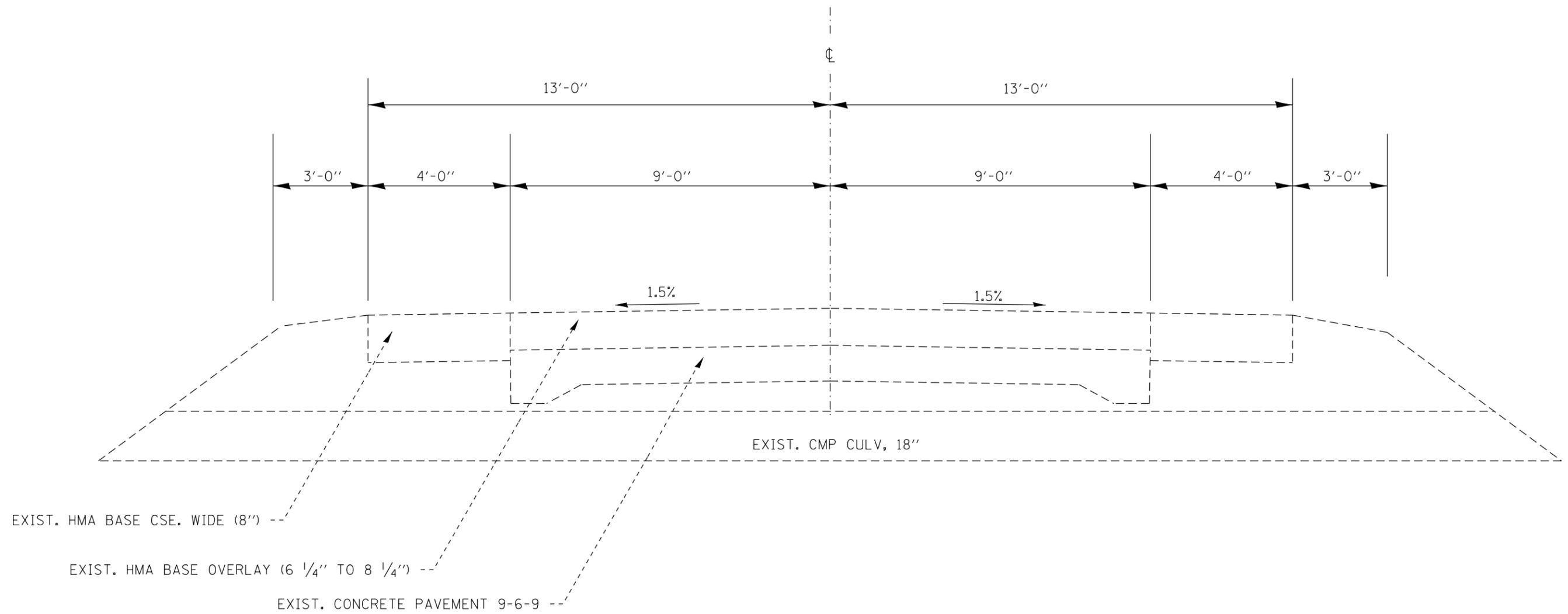
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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -
Default	PLOT DATE = 4/7/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - US 150
 LOCATION 6**

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	VARIOUS	TAZEWELL	19	9
CONTRACT NO. 68D50			ILLINOIS FED. AID PROJECT	

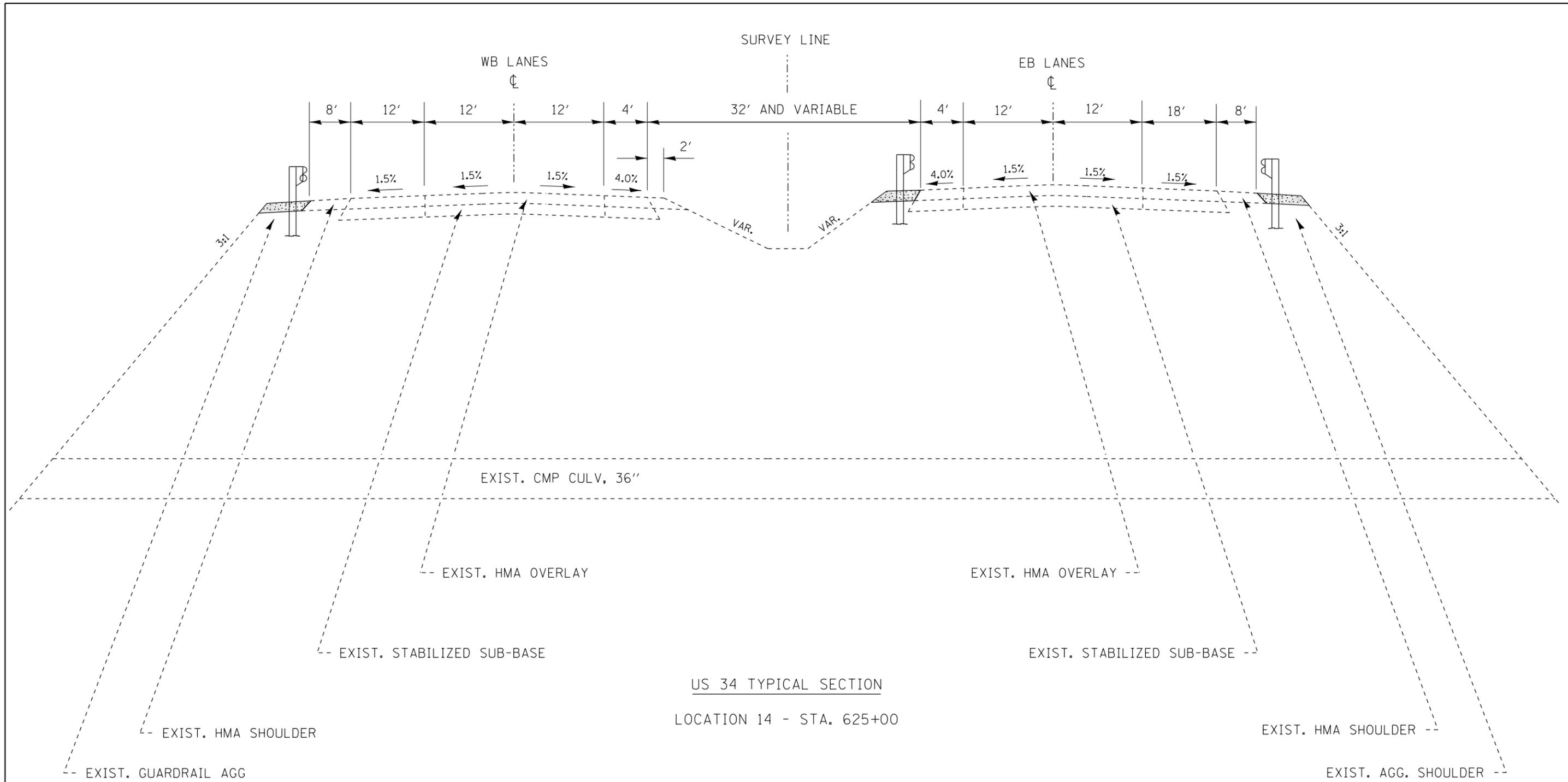


IL 98 TYPICAL SECTION

LOCATION 8 - 136+82

NOTES:
 *PLEASE REFER TO THE LINE DIAGRAM FOR CULVERT LOCATIONS, SIZES AND FILL HEIGHTS
 **FILL HEIGHT IS MEASURED FROM CROWN OF ROAD TO TOP OF CULVERT FOR CROSS ROAD STRUCTURES; FROM TOP OF EMBANKMENT TO TOP OF CULVERT FOR BRIDGE CONE CULVERTS.

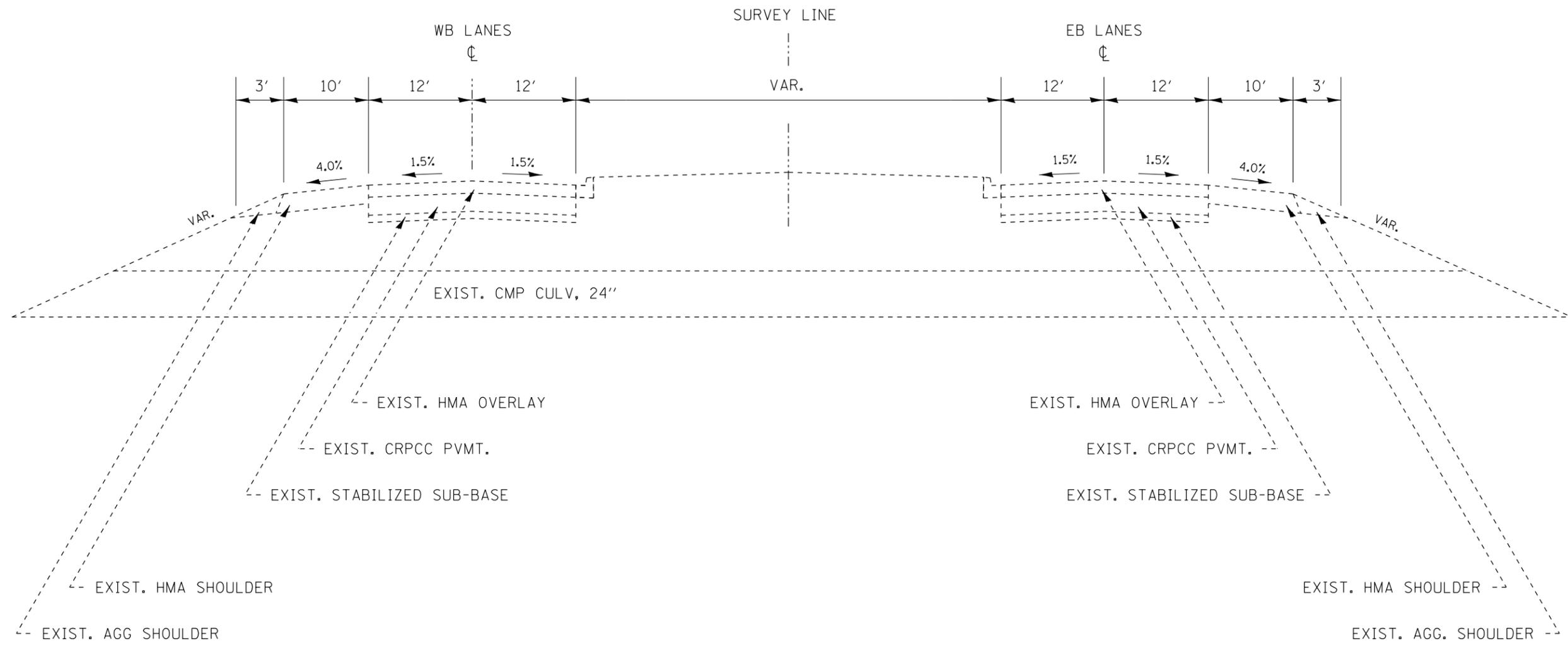
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Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 7	OF 11 SHEETS	STA.	TO STA.	VAR.	TAZEWELL	19	11
	PLOT DATE = 4/7/2017	CHECKED -	REVISED -					CONTRACT NO. 68D50			ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -										



US 34 TYPICAL SECTION
 LOCATION 14 - STA. 625+00

NOTES:
 *PLEASE REFER TO THE LINE DIAGRAM FOR CULVERT LOCATIONS, SIZES AND FILL HEIGHTS
 **FILL HEIGHT IS MEASURED FROM CROWN OF ROAD TO TOP OF CULVERT FOR CROSS ROAD STRUCTURES;
 FROM TOP OF EMBANKMENT TO TOP OF CULVERT FOR BRIDGE CONE CULVERTS.

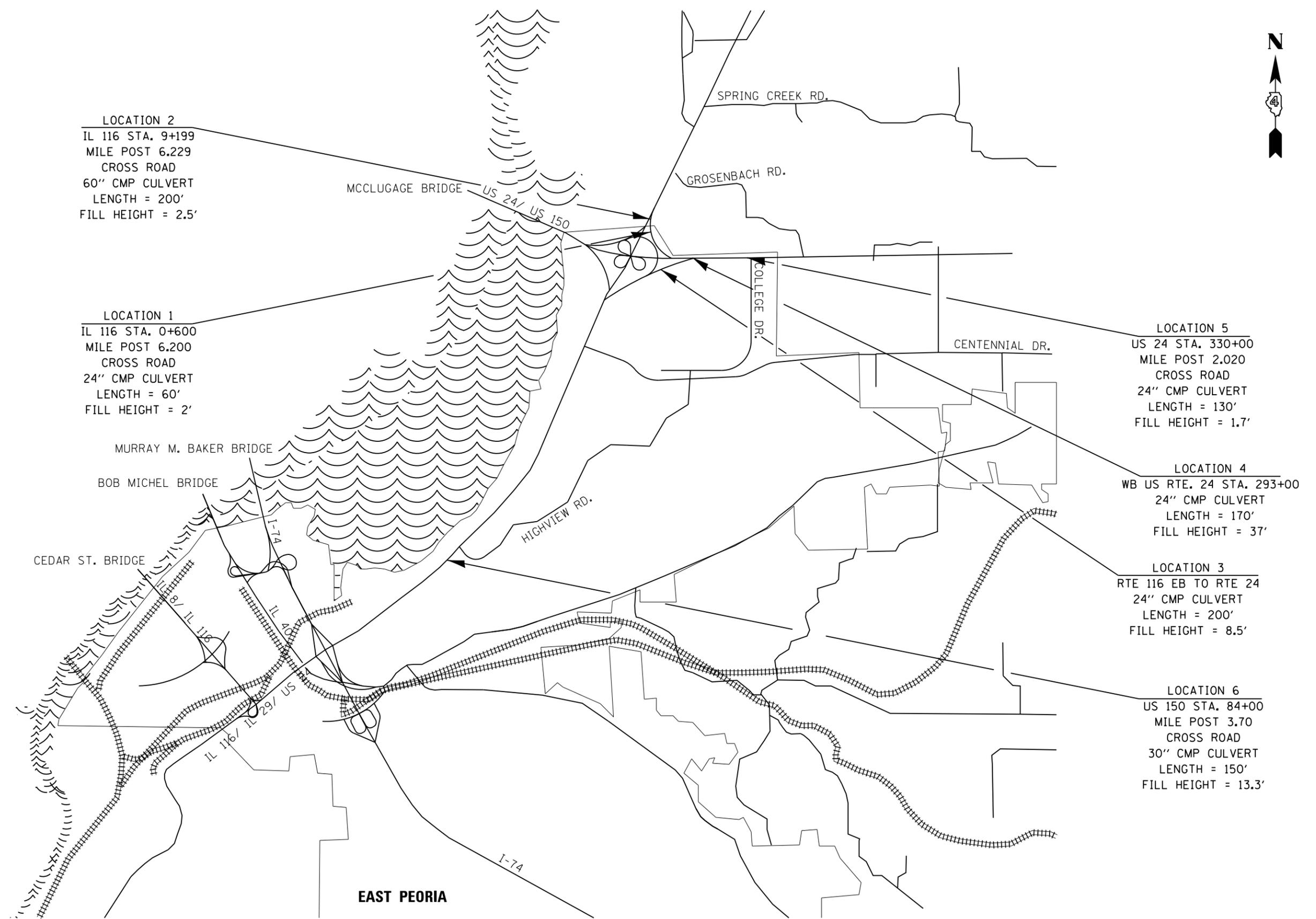
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Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 9	OF 11 SHEETS	STA.	TO STA.	KNOX	19	13
	PLOT DATE = 4/7/2017	CHECKED -	REVISED -		CONTRACT NO. 68D50							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



EAST GALESBURG RD. TYPICAL SECTION
LOCATION 16 - STA. 47+53

NOTES:
 *PLEASE REFER TO THE LINE DIAGRAM FOR CULVERT LOCATIONS, SIZES AND FILL HEIGHTS
 **FILL HEIGHT IS MEASURED FROM CROWN OF ROAD TO TOP OF CULVERT FOR CROSS ROAD STRUCTURES;
 FROM TOP OF EMBANKMENT TO TOP OF CULVERT FOR BRIDGE CONE CULVERTS.

FILE NAME = 2017 DL - Culvert Lining.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - EAST GALESBURG RD. LOCATION 16			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.0000' / 1".	DRAWN -	REVISED -		SCALE:	SHEET 10	OF 11	SHEETS	STA.	TO STA.	KNOX	19	14
	PLOT DATE = 4/7/2017	CHECKED -	REVISED -		CONTRACT NO. 68D50								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



LOCATION 2
 IL 116 STA. 9+199
 MILE POST 6.229
 CROSS ROAD
 60" CMP CULVERT
 LENGTH = 200'
 FILL HEIGHT = 2.5'

LOCATION 1
 IL 116 STA. 0+600
 MILE POST 6.200
 CROSS ROAD
 24" CMP CULVERT
 LENGTH = 60'
 FILL HEIGHT = 2'

LOCATION 5
 US 24 STA. 330+00
 MILE POST 2.020
 CROSS ROAD
 24" CMP CULVERT
 LENGTH = 130'
 FILL HEIGHT = 1.7'

LOCATION 4
 WB US RTE. 24 STA. 293+00
 24" CMP CULVERT
 LENGTH = 170'
 FILL HEIGHT = 37'

LOCATION 3
 RTE 116 EB TO RTE 24
 24" CMP CULVERT
 LENGTH = 200'
 FILL HEIGHT = 8.5'

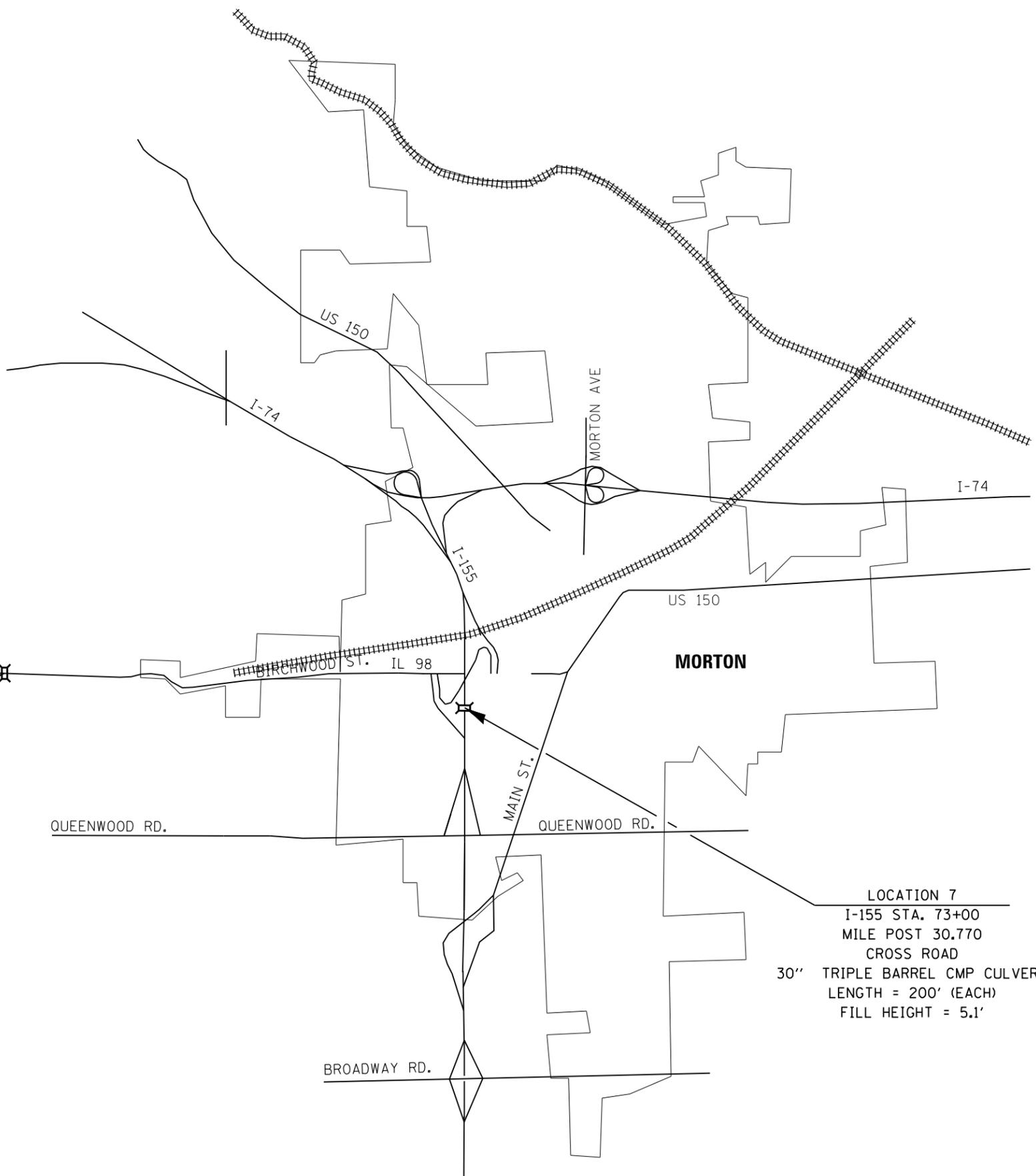
LOCATION 6
 US 150 STA. 84+00
 MILE POST 3.70
 CROSS ROAD
 30" CMP CULVERT
 LENGTH = 150'
 FILL HEIGHT = 13.3'

FILE NAME = 2017 DL - Culvert Lining.dgn	USER NAME = aubreys	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 116/US 24/US 150 LINE DIAGRAM TAZEWELL COUNTY			F.A. RTE. VAR.	SECTION VARIOUS	COUNTY TAZEWELL	TOTAL SHEETS 19	SHEET NO. 16
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		NOT TO SCALE	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 68D50			
	PLOT DATE = 4/7/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



LOCATION 8
 IL 98 STA. 136+82
 18" CMP CULVERT
 LENGTH = 52'
 FILL HEIGHT = 2.5'

LOCATION 7
 I-155 STA. 73+00
 MILE POST 30.770
 CROSS ROAD
 30" TRIPLE BARREL CMP CULVERT
 LENGTH = 200' (EACH)
 FILL HEIGHT = 5.1'

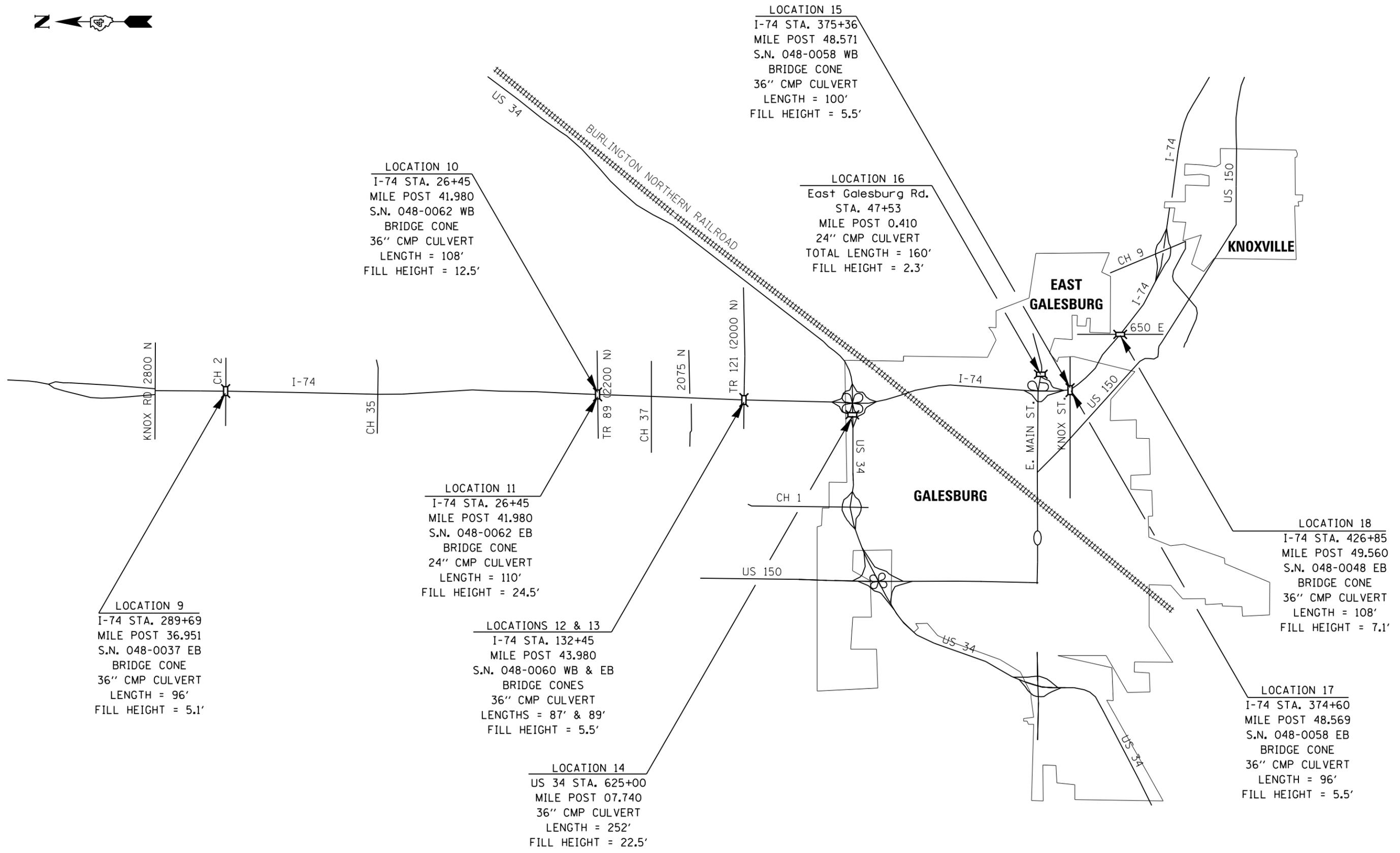


FILE NAME = 2017 DL - Culvert Lining.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/7/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL-98 AND I-155 LINE DIAGRAM TAZEWELL COUNTY			
NOT TO SCALE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	VARIOUS	TAZEWELL	19	17
CONTRACT NO. 68D50			ILLINOIS FED. AID PROJECT	



FILE NAME = 2017 DL - Culvert Lining.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/7/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-74 LINE DIAGRAM
KNOX COUNTY**

NOT TO SCALE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	VARIOUS	KNOX	19	18
			CONTRACT NO. 68D50	
ILLINOIS FED. AID PROJECT				