

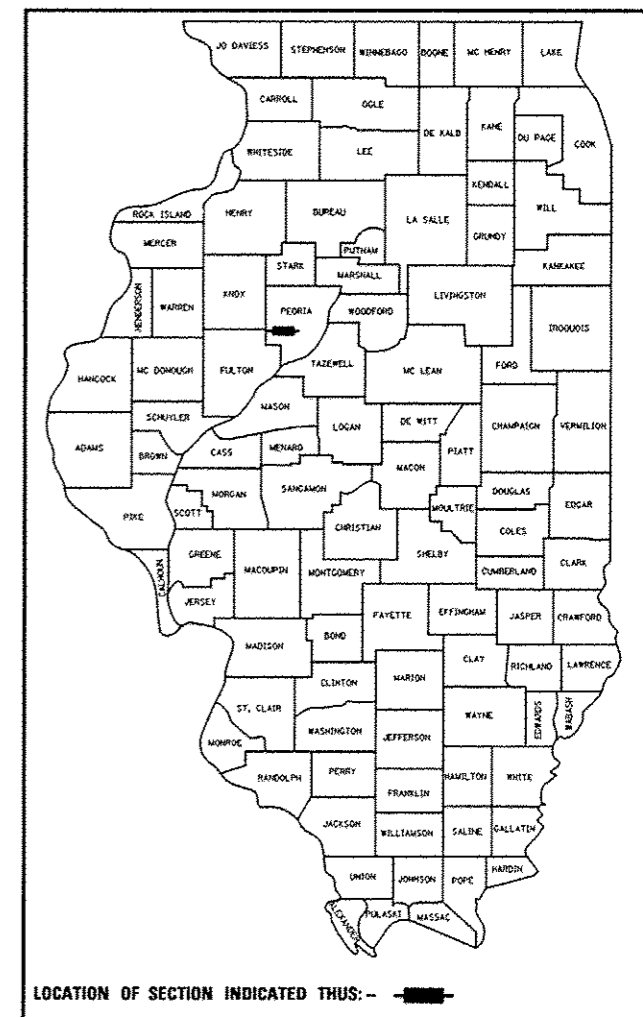
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 669 (ILL.116)
SECTION 171-1; 161-3; 15-1
SPRING ROAD REPAIR
PEORIA COUNTY
C-94-081-14

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	171-1; 161-3; 15-1	PEORIA	10	1
		ILLINOIS	CONTRACT NO. 68B83	

JOB NO. D-94-025-14

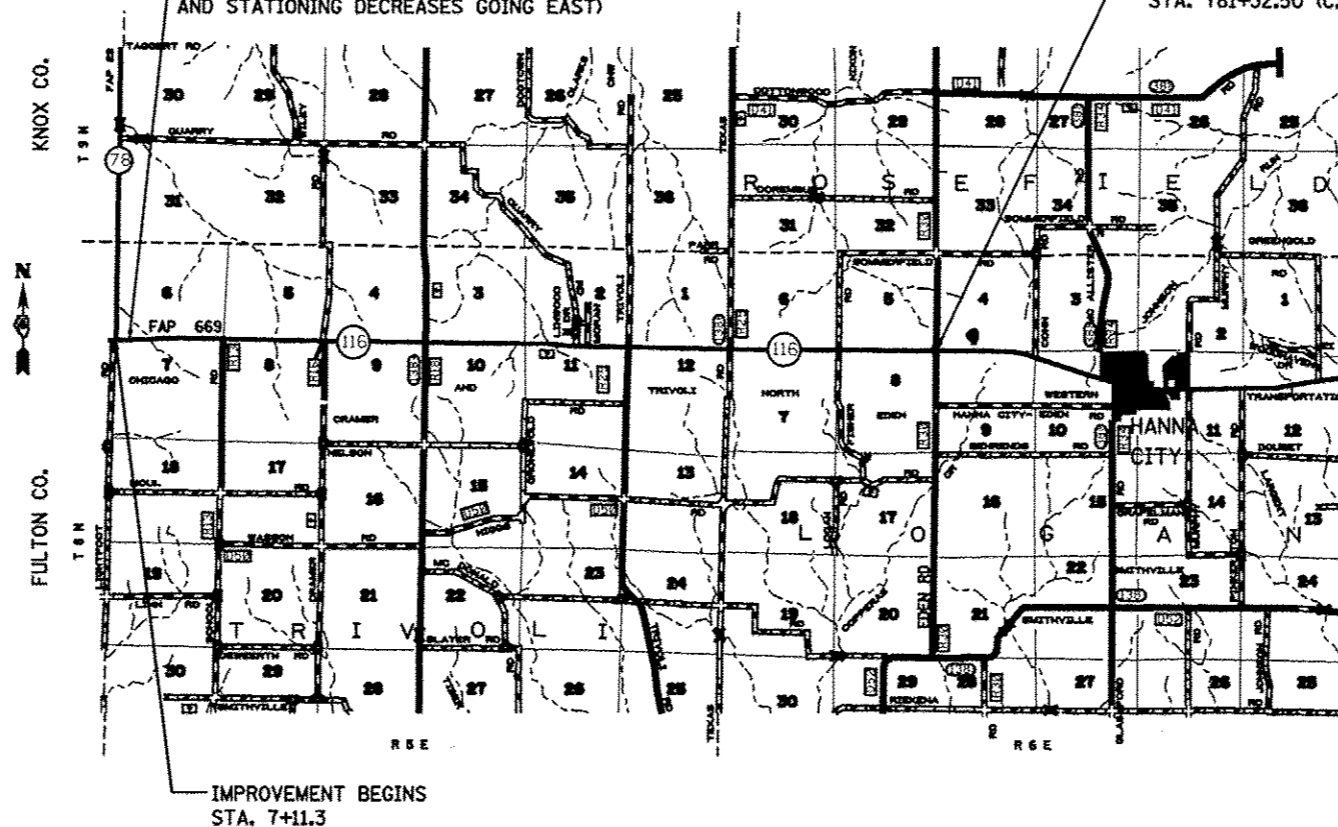


STATION EQUATIONS

- P.I. STA. 794+00.00 BK. =
- P.O.T. STA. 794+16.00 AH.
- P.O.T. STA. 874+54.39 BK. =
- P.O.T. STA. 874+56.13 AH.
- P.I. STA. 943+00.00 BK. =
- P.O.T. STA. 942+95.50 AH.
- P.T. STA. 988+27.55 BK. =
- P.O.T. STA. 988+43.06 AH.
- P.T. STA. 996+60.86 BK. =
- P.O.T. STA. 996+42.16 AH.
- P.I. STA. 1043+00.00 BK. =
- P.O.T. STA. 1043+09.03 AH.
- P.O.T. STA. 1079+00.00 BK. =
- P.O.T. STA. 1078+92.19 AH.
- P.O.T. STA. 1131+74.91 BK. =
- P.O.T. STA. 1131+75.91 AH.
- P.T. STA. 1183+15.36 BK. =
- P.O.T. STA. 1183+21.02 AH.

STATION EQUATION
P.O.T. STA. 1201+06.51 BK =
P.O.T. STA. 24+26.49 AH
(STATIONING DECREASES GOING WEST
AND STATIONING DECREASES GOING EAST)

IMPROVEMENT ENDS
STA. 781+32.50 (C.H. 22)



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

PROJECT ENGINEER RICH DOTSON (309-671-3455)
PROJECT MANAGER KEVIN HORST (309-671-3472)

CONTRACT NO. 68B83

GROSS LENGTH = 43671.27 FT. = 8.271 MILES
NET LENGTH = 43671.27 FT. = 8.271 MILES

DESCRIPTION OF WORK:
THIS PROJECT CONSISTS OF PARTIAL DEPTH PATCHING.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED 0409 20 14
John D. Beranzelli
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 9 20 14
John D. Beranzelli PE/br
acting ENGINEER OF DESIGN AND ENVIRONMENT
May 9 20 14
Chris Osborn PE/br
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND PROJECT SPECIFIC NOTES
- 3 SUMMARY OF QUANTITIES
- 4-8 EXISTING TYPICAL SECTIONS
- 9 SCHEDULE OF QUANTITIES
- 10 LINE DIAGRAM

HIGHWAY STANDARDS

701001-02
 701006-05
 701301-04
 701336-06
 701901-03

PROJECT SPECIFIC NOTES

The engineer shall notify Anna Ghidina (309-671-4466) two weeks before project completion so she can coordinate the installation of pavement markings.

GENERAL NOTES

PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request)
- BDE Form 2290 (Waste/Use Area Review)
- A location map showing the size limits and location of the use area
- Color photographs depicting the use area
- Borrow Area Entry Agreement form-D4 PI0101

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Uses:	PARTIAL DEPTH PATCHING
RAP % (Max):	15%
AC/PC	64-22
Design Air Voids	4.0% @ N=50
Mixture Composition	IL 9.5
Friction Aggregate	MIX D

Notes: Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size.

COMMITMENTS

No commitments have been made for this project

FILE NAME : IL 116 Spring Road Repair 2014.dgn	USER NAME : aubruggs	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND PROJECT SPECIFIC NOTES	F.A.P. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE : 100.0000 / in.	CHECKED -	REVISED -	669			171-1; 161-31 15-1	PEORIA	10	2	
Default PLOT DATE : 4/9/2014	DATE -	REVISED -	CONTRACT NO. 68883			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

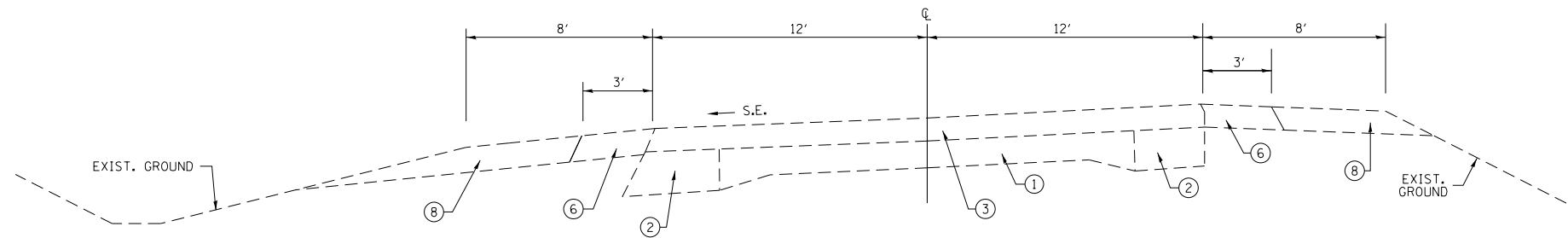
08-11-14

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE
				100% STATE
				0005
67100100	MOBILIZATION	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	1	1
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SO YD	3920	3920
X4421000	PARTIAL DEPTH PATCHING	TON	494	494

5

FILE NAME * IL 116 Spring Road Repair 2014.dgn	USER NAME * aubreyga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * 100.0000 / in	DRAWN -	REVISED -			669	171-1161-315-1	PEORIA	10	3
	PLOT DATE * 4/9/2014	CHECKED -	REVISED -			CONTRACT NO. 68883				
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL SECTIONS

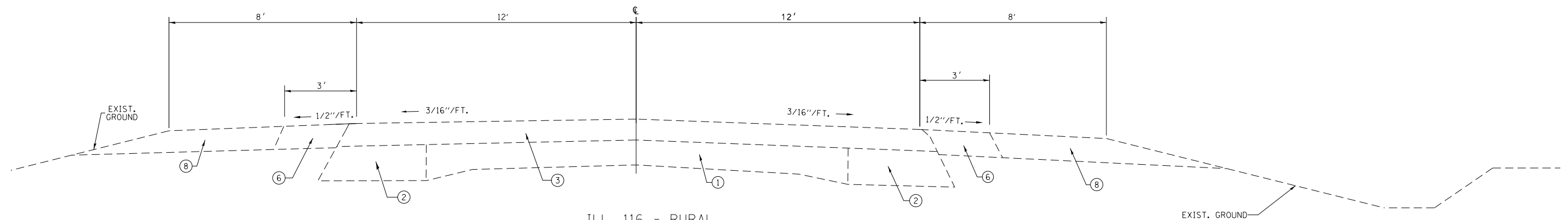


**ILL. 116 - RURAL
TYPICAL SUPERELEVATED SECTION**

STA. 970+83 TO STA. 976+97
 STA. 990+30 TO STA. 997+92
 STA. 1174+00 TO STA. 1184+71

LEGEND

- ① EXISTING P.C.C. PAVEMENT - 9"-6"-9"
- ② EXISTING BITUMINOUS BASE COURSE WIDENING - 9"
- ③ EXISTING BITUMINOUS CONCRETE OVERLAY - 9"
- ④ EXISTING BITUMINOUS BASE COURSE - 11"
- ⑤ EXISTING BITUMINOUS CONCRETE SURFACE - 5 3/4"
- ⑥ EXISTING BITUMINOUS SHOULDER - 8"
- ⑦ EXISTING BITUMINOUS SHOULDER (VARIABLE DEPTH 1 3/4" - 8")
- ⑧ EXISTING AGGREGATE SHOULDER TYPE B - 8"
- ⑨ EXISTING BITUMINOUS CONCRETE BASE COURSE WIDENING - 9" (0'- 6' WIDE)
- ⑩ EXISTING BITUMINOUS BASE COURSE - 9" (OVER 6' WIDE)
- ⑪ EXISTING CONCRETE GUTTER, TYPE A MODIFIED
- ⑫ EXISTING BITUMINOUS BASE COURSE (VARIABLE DEPTH)



**ILL. 116 - RURAL
TYPICAL TANGENT SECTION**

STA. 782+00 TO STA. 915+00
 STA. 955+00 TO STA. 970+83
 STA. 976+97 TO STA. 980+00
 STA. 990+00 TO STA. 990+30
 STA. 997+92 TO STA. 1041+29.06
 STA. 1055+57.96 TO STA. 1174+00
 STA. 1184+71 TO STA. 1201+06.51

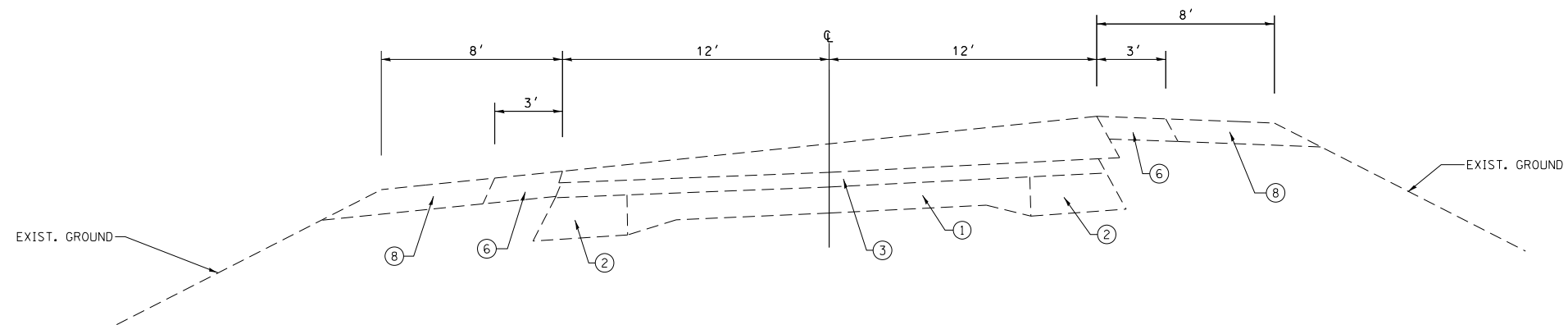
NOTE : EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT IS LOCATED BELOW THE TOP 1 1/2" OF EXISTING HMA SURFACE COURSE.

FILE NAME = IL 116 Spring Road Repair 2014.dgn	USER NAME = aubreys	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS				F.A.P. RTE. 669	SECTION 171-1; 161-3; 15-1	COUNTY PEORIA	TOTAL SHEETS 10	SHEET NO. 4
Default	PLOT SCALE = 100.0000' / in.	CHECKED - DATE -	REVISED - REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 68B83	
	PLOT DATE = 4/9/2014											ILLINOIS FED. AID PROJECT	

EXISTING TYPICAL SECTIONS

LEGEND

- ① EXISTING P.C.C. PAVEMENT - 9"-6"-9"
- ② EXISTING BITUMINOUS BASE COURSE WIDENING - 9"
- ③ EXISTING BITUMINOUS CONCRETE OVERLAY - 9"
- ④ EXISTING BITUMINOUS BASE COURSE - 11"
- ⑤ EXISTING BITUMINOUS CONCRETE SURFACE - 5 3/4"
- ⑥ EXISTING BITUMINOUS SHOULDER - 8"
- ⑦ EXISTING BITUMINOUS SHOULDER (VARIABLE DEPTH 1 3/4" - 8")
- ⑧ EXISTING AGGREGATE SHOULDER TYPE B - 8"
- ⑨ EXISTING BITUMINOUS CONCRETE BASE COURSE WIDENING - 9" (0'- 6' WIDE)
- ⑩ EXISTING BITUMINOUS BASE COURSE - 9" (OVER 6' WIDE)
- ⑪ EXISTING CONCRETE GUTTER, TYPE A MODIFIED
- ⑫ EXISTING BITUMINOUS BASE COURSE (VARIABLE DEPTH)



ILL. 116 - RURAL TYPICAL SUPERELEVATED SECTION

STA. 980+00 TO STA. 983+75 SPECIAL TRANSITION
 STA. 983+75 TO STA. 987+50 PROPOSED S.E. = 0.056'
 STA. 987+50 TO STA. 990+00 SPECIAL TRANSITION

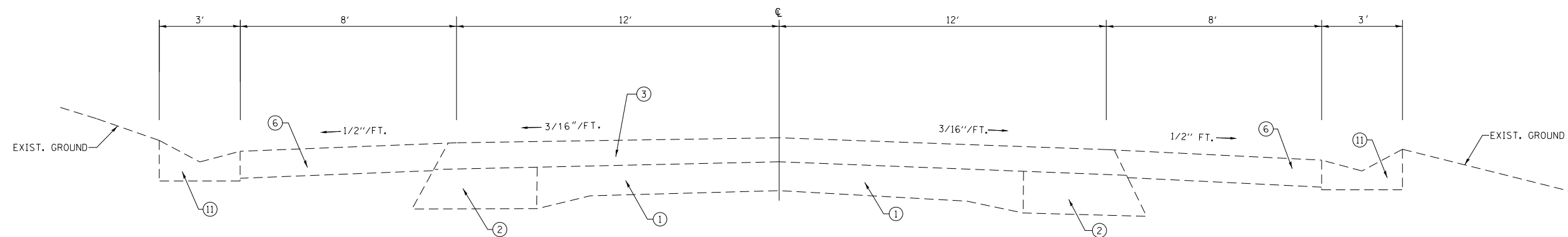
NOTE : EXISTING AREA REFLECTIVE
 CRACK CONTROL TREATMENT IS
 LOCATED BELOW THE TOP
 1 1/2" OF EXISTING HMA SURFACE COURSE.

FILE NAME = IL 116 Spring Road Repair 2014.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					669	171-1; 161-3; 15-1	PEORIA	10	5
	PLOT DATE = 4/9/2014	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 68B83				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

EXISTING TYPICAL SECTIONS

LEGEND

- ① EXISTING P.C.C. PAVEMENT - 9"-6"-9"
- ② EXISTING BITUMINOUS BASE COURSE WIDENING - 9"
- ③ EXISTING BITUMINOUS CONCRETE OVERLAY - 9"
- ④ EXISTING BITUMINOUS BASE COURSE - 11"
- ⑤ EXISTING BITUMINOUS CONCRETE SURFACE - 3"
- ⑥ EXISTING BITUMINOUS SHOULDER - 8"
- ⑦ EXISTING BITUMINOUS SHOULDER (VARIABLE DEPTH 1 3/4" - 8")
- ⑧ EXISTING AGGREGATE SHOULDER TYPE A - 8"
- ⑨ EXISTING BITUMINOUS CONCRETE BASE COURSE WIDENING - 9" (0'- 6' WIDE)
- ⑩ EXISTING BITUMINOUS BASE COURSE - 9" (OVER 6' WIDE)
- ⑪ EXISTING CONCRETE GUTTER, TYPE A MODIFIED
- ⑫ EXISTING BITUMINOUS BASE COURSE (VARIABLE DEPTH)



ILL. 116 - TRIVOLI TYPICAL TANGENT SECTION

STA. 915+00 TO STA. 955+00
STA. 925+00 TO STA. 933+50

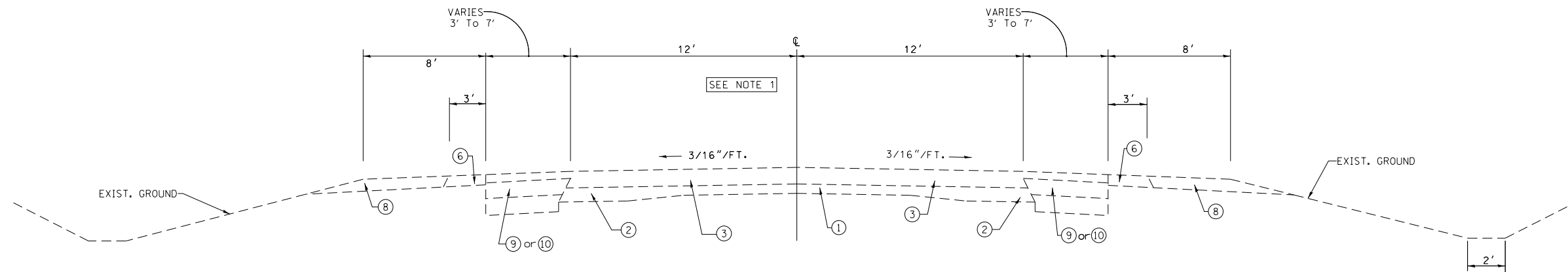
NOTE : EXISTING AREA REFLECTIVE
CRACK CONTROL TREATMENT IS
LOCATED BELOW THE TOP
1 1/2" OF EXISTING HMA SURFACE COURSE.

FILE NAME = IL 116 Spring Road Repair 2014.dgn	USER NAME = aubreys	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SHEETS	F.A.P. RTE. 669	SECTION 171-1; 161-3; 15-1	COUNTY PEORIA	TOTAL SHEETS 10	SHEET NO. 6
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:				CONTRACT NO. 68B83	
	PLOT DATE = 4/9/2014	DATE -	REVISED -		SHEET	OF	SHEETS	STA.	TO	STA.
ILLINOIS FED. AID PROJECT										

EXISTING TYPICAL SECTIONS

LEGEND

- ① EXISTING P.C.C. PAVEMENT - 9'-6"-9"
- ② EXISTING BITUMINOUS BASE COURSE WIDENING - 9"
- ③ EXISTING BITUMINOUS CONCRETE OVERLAY - 9"
- ④ EXISTING BITUMINOUS BASE COURSE - 11"
- ⑤ EXISTING BITUMINOUS CONCRETE SURFACE - 3"
- ⑥ PROPOSED BITUMINOUS SHOULDER - 8"
- ⑦ EXISTING BITUMINOUS SHOULDER (VARIABLE DEPTH 1 3/4" - 8")
- ⑧ EXISTING AGGREGATE SHOULDER TYPE A - 8"
- ⑨ EXISTING BITUMINOUS CONCRETE BASE COURSE WIDENING - 9" (0'-6' WIDE)
- ⑩ EXISTING BITUMINOUS BASE COURSE - 9" (OVER 6' WIDE)
- ⑪ EXISTING CONCRETE GUTTER, TYPE A MODIFIED
- ⑫ EXISTING BITUMINOUS BASE COURSE (VARIABLE DEPTH)

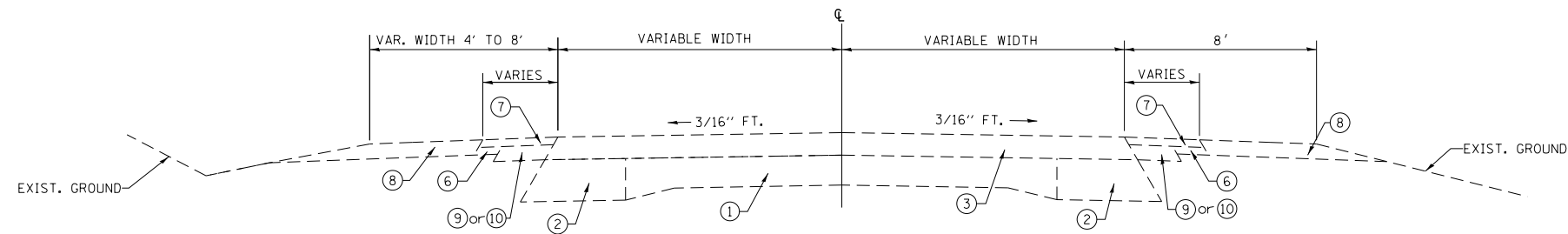


ILL. 116 - TYPICAL SECTION
 STA. 1041+29.06 TO STA. 1055+57.96
 AT STONE SCHOOL ROAD

NOTE 1: EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT IS LOCATED BELOW THE TOP 1 1/2" OF EXISTING HMA SURFACE COURSE.

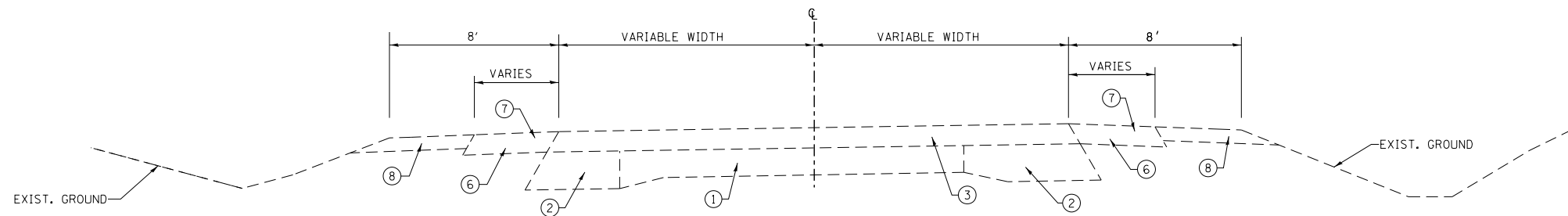
FILE NAME = IL 116 Spring Road Repair 2014.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SHEETS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	669	171-1; 161-3; 15-1	PEORIA	10	7
	PLOT DATE = 4/9/2014	CHECKED -	REVISED -												
		DATE -	REVISED -												CONTRACT NO. 68B83
												ILLINOIS FED. AID PROJECT			

EXISTING TYPICAL SECTIONS



ILL. 116 - FARMINGTON
TYPICAL TANGENT SECTION
STA. 24+26.49 TO STA. 20+44

- LEGEND
- ① EXISTING P.C.C. PAVEMENT - 9"-6"-9"
 - ② EXISTING BITUMINOUS BASE COURSE WIDENING - 9"
 - ③ EXISTING BITUMINOUS CONCRETE OVERLAY - 9"
 - ④ EXISTING BITUMINOUS BASE COURSE - 11"
 - ⑤ EXISTING BITUMINOUS CONCRETE SURFACE - 3"
 - ⑥ EXISTING BITUMINOUS SHOULDER - 8"
 - ⑦ EXISTING BITUMINOUS SHOULDER (VARIABLE DEPTH 1 3/4" - 8")
 - ⑧ EXISTING AGGREGATE SHOULDER TYPE A - 8"
 - ⑨ EXISTING BITUMINOUS CONCRETE BASE COURSE WIDENING - 9" (0'- 6' WIDE)
 - ⑩ EXISTING BITUMINOUS BASE COURSE - 9" (OVER 6' WIDE)
 - ⑪ EXISTING CONCRETE GUTTER, TYPE A MODIFIED
 - ⑫ EXISTING BITUMINOUS BASE COURSE (VARIABLE DEPTH)



ILL. 116 - FARMINGTON
TYPICAL SUPERELEVATED SECTION
STA. 20+44 TO STA. 11+41

NOTE : EXISTING AREA REFLECTIVE
CRACK CONTROL TREATMENT IS
LOCATED BELOW THE TOP
1 1/2" OF EXISTING HMA SURFACE COURSE.

FILE NAME = IL 116 Spring Road Repair 2014.dgn	USER NAME = aoubreys	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / in.	CHECKED - DATE -	REVISED - REVISED -					669	171-1; 161-3; 15-1	PEORIA	10	8
	PLOT DATE = 4/9/2014				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 68B83

LOCATION (SIDEROAD TO SIDEROAD)	LENGTH (FT)	WIDTH (FT)	HMA REMOVAL (2.25" DEEP)	HMA PLACEMENT	COMMENTS
			PARTIAL DEPTH PATCHING (SPECIAL) (SQ. YD.)	PARTIAL DEPTH PATCHING (TONS)	
WESTBOUND LANE IL 116					
Edens Rd to Olde Country Ln	160	12	213	27	
	800	4	356	45	
	600	4	267	34	
Olde Country Ln to Fisher Rd.	300	4	133	17	
	200	4	89	11	
Fisher Rd to Texas Rd.	300	4	133	17	
Texas Rd to Trivoli Rd.	200	4	89	11	east side of Trivoli
	240	4	107	13	In Trivoli
Trivoli Rd. to Moran Rd.	120	4	53	7	Edge of Trivoli Rd
Moran Rd To Stone School Rd.	200	4	89	11	on inside of cemetery curve
	40	4	18	2	at Cemetery Entr.
Stone School Rd. to Cramer Rd.	200	4	89	11	Turn Ln widening joint
Cramer Rd. to N. Downs School Rd.	320	4	142	18	
N. Downs School Rd. to N. leg of IL 78	120	4	53	7	
EASTBOUND LANE IL 116					
Edens Rd. to Olde Country Ln.	100	12	133	17	
	480	4	213	27	
	360	4	160	20	
Olde Country Ln. to Fisher Rd.	440	4	196	25	
Fisher Rd. to Texas Rd.	800	4	356	45	
Texas Rd. to Stone School Rd.	1200	4	533	67	In Trivoli
	800	4	356	45	Cemetery Curve
Stone School Rd. to N. Downs School Rd.	200	4	89	11	
N. Downs School Rd. to N. leg of IL 78	120	4	53	7	across entrance
TOTAL			3920	494	

Note: The vast majority of the patches are along the outside edge of the lanes and overlap the paved shoulder by 1' (3' on the lane and 1' on the shoulder)

TRAFFIC CONTROL AND PROTECTION	
LOCATION	STANDARD 701336
	L. SUM
IL 116-ENTIRE JOB SITE	1
TOTAL	1

JOBSITE QUANTITIES		
LOCATION	MOBILIZATION	CHANGEABLE MESSAGE SIGN
	L. SUM	CAL. MONTH
IL 116- ENTIRE JOB SITE	1	1
TOTAL	1	1

NOTE: 2 MESSAGE BOARDS FOR 2 WEEKS @ EACH LOCATION

FILE NAME = IL 116 Spring Road Repair 2014.dgn	USER NAME = aubreys	DESIGNED -	REVISED -
Default	PLOT SCALE = 100.0000' / 1".	DRAWN -	REVISED -
	PLOT DATE = 4/9/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

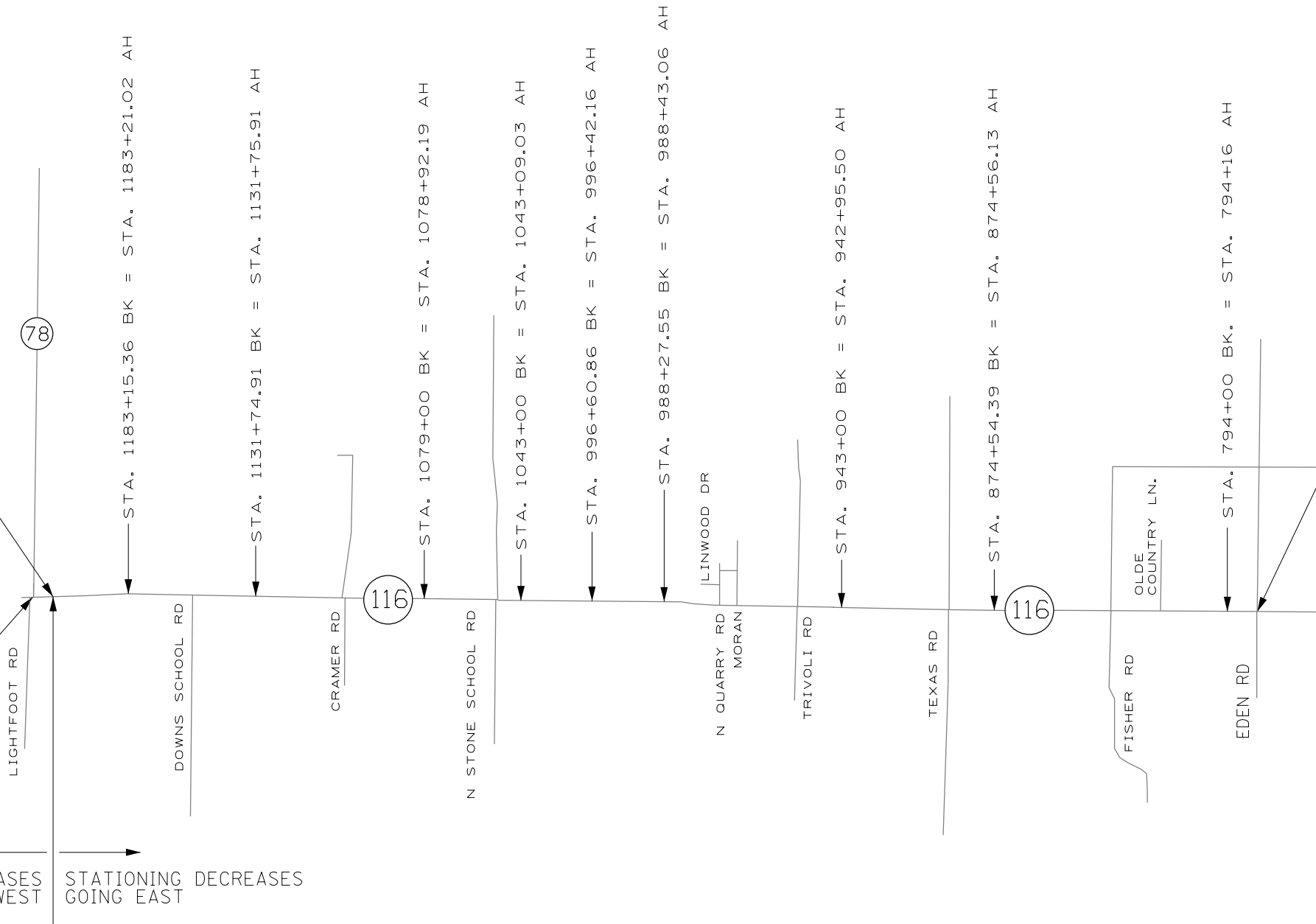
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	171-1; 161-3; 15-1	PEORIA	10	9
CONTRACT NO. 68B83				
ILLINOIS FED. AID PROJECT				



STATION EQUATION
 P.O.T. STA. 1201+06.51 BK =
 P.O.T. STA. 24+26.49 AH

IMPROVEMENT BEGINS
 STA. 7+11.3

STATIONING DECREASES
 GOING WEST STATIONING DECREASES
 GOING EAST



IMPROVEMENT ENDS
 STA. 781+32.50 (C.H. 22)

FILE NAME =
 IL 116 Spring Road Repair 2014.dgn
 Default

USER NAME = aubreygs
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 4/9/2014

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	171-1; 161-3; 15-1	PEORIA	10	10
CONTRACT NO. 68B83				
ILLINOIS FED. AID PROJECT				