

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	D9 BRIDGE REPAIR 2017-5	UNION	4	1
		ILLINOIS	CONTRACT NO. 78560	

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

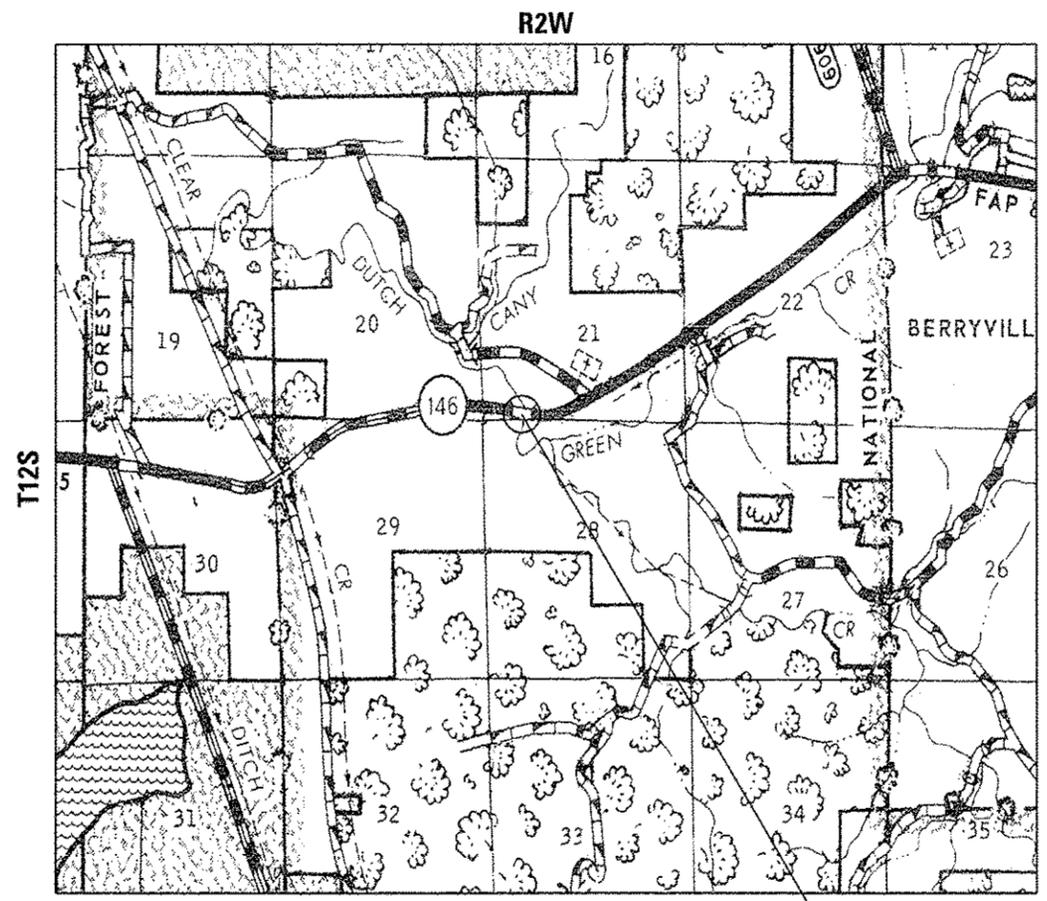
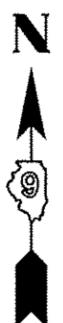
PROPOSED HIGHWAY PLANS

FAP ROUTE 885 (IL 146)
 SECTION: D9 BRIDGE REPAIR 2017-5

PIER CAP REPAIR UNION COUNTY

C-99-011-17

TRAFFIC DATA
 S.N. 091-0059
 2015 ADT.: 4550 WITH 14% TRUCKS
 TOWNSHIP: UNION COUNTY ROAD DISTRICT



DESIGN DESIGNATION : NA
 COORDINATE SYSTEM : WEST ZONE
 POSTED SPEED : 55 MPH

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

PROJECT ENGINEER: DAVID PICHE 618-351-5227
 PROJECT DESIGNER: DAVID HOLLMANN 618-351-5262

GROSS LENGTH = 138.958 FT. = 0.026 MILES
 NET LENGTH = 138.958 FT. = 0.026 MILES

STRUCTURE NO.
 091-0059

CONTRACT NO. 78560

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION

SUBMITTED Nov 17 2016

Jeffrey Z Keim
 REGION FIVE ENGINEER

Jan 27 2017
Maurice M. Addis PE
 ENGINEER OF DESIGN AND ENVIRONMENT

Jan 27 2017
David Allen
 DIRECTOR OF PROGRAM DEVELOPMENT

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 OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES

COUNTY:	UNION
ROUTE:	IL 146
FUNDING:	100% STATE
LOCATION:	RURAL
	BRIDGE
	0014

INDEX OF SHEETS

1	COVER SHEET
2	SUMMARY OF QUANTITIES, STANDARDS, AND GENERAL NOTES
3	GENERAL PLAN AND ELEVATION
4	PIER CAP DETAILS

CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
50300225	CONCRETE STRUCTURES	CU YD	17.3
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2310
67100100	MOBILIZATION	LSUM	1
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2
* 86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
Z0001905	STRUCTURAL STEEL REPAIR	POUND	3040

* SPECIALTY ITEM

STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701316-11	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS > 45 MPH
701901-06	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.17 REGARDLESS IF TRACK MOUNTED OR WHEELED.
- THE ADVANCE DETECTOR LOOPS ARE TYPICALLY LOCATED 275 FEET IN ADVANCE OF THE STOP BAR. THE BUREAU OF OPERATIONS SHOULD APPROVE THE LOOP LOCATIONS PRIOR TO INSTALLATION.
- COMMITMENTS:
NONE

Prepared By:	<i>[Signature]</i> DISTRICT STUDIES & PLANS ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT LAND ACQUISITION ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT OPERATIONS ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT CONSTRUCTION ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT MATERIALS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES,
STANDARDS, AND GENERAL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B85	DP BRIDGE REPAIR 2017-5	UNION	4	2
CONTRACT NO. 78560				
ILLINOIS FED. AID PROJECT				

FILE NAME *	USER NAME * hallmandb	DESIGNED -	REVISED -
d:\11\0846RIDINTEG\Illinois.gov\PI00T\Documents\DOT Offices\District 9\Projects\Del		DRAWN BY - 8059\CA00\ta\CAD\shrets\091-002	REVISED -
MODEL NAME *	PLOT SCALE = 100,0000 / in.	CHECKED -	REVISED -
	PLOT DATE = 11/16/2016	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

GENERAL NOTES

The Contractor shall use extreme care during concrete removal so as not to damage the PPC Deck beams.

Existing exposed reinforcement shall be cleaned, straightened and incorporated into the new construction.

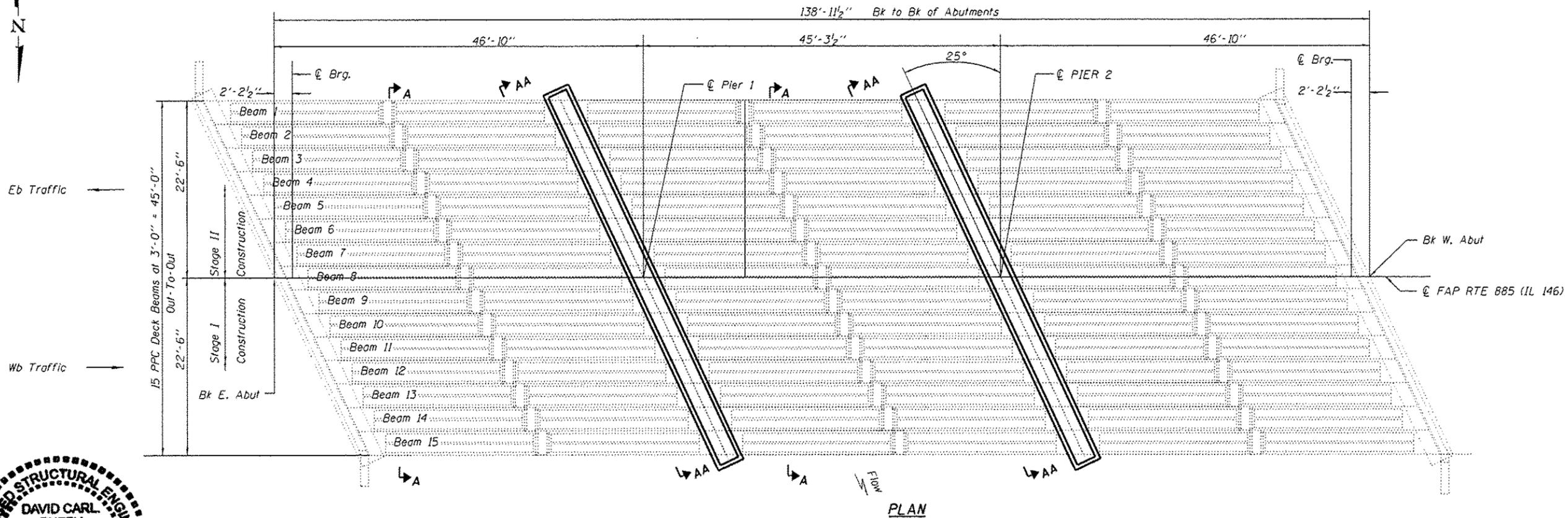
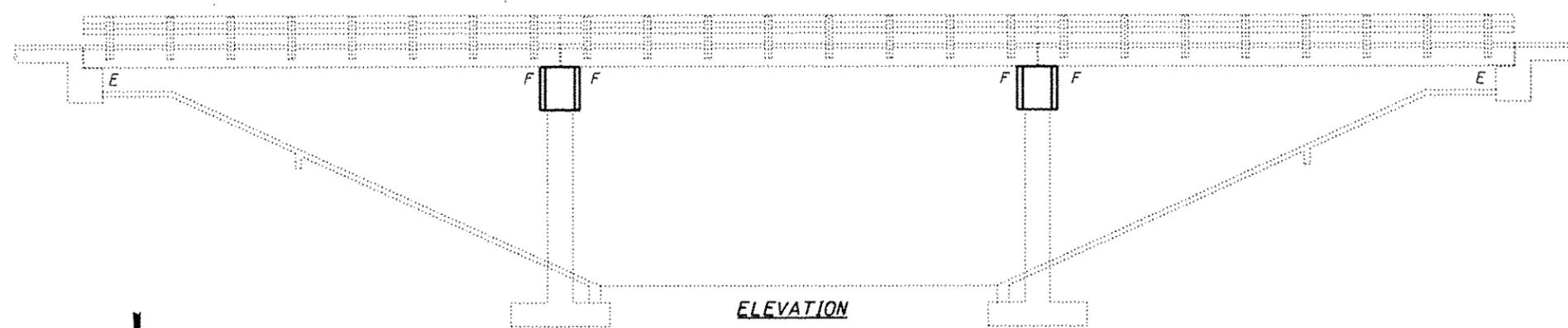
Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cast shall be included with Concrete Structures.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

Reinforcement bars designated (E) shall be epoxy coated.

Self consolidating concrete shall be used throughout.

For section A-A and AA-AA, see sheet 2 of 2



David Carl Puzey 1/23/17
Expires 11/30/18

SCOPE OF WORK

1. Setup TC&P 701316 for the EB lane of IL 146.
2. Perform pier cap repair under WB lane.
3. Adjust TC&P 701316 for the WB lane of IL 146.
4. Perform pier cap repair under EB lane.
5. Remove TC&P 701316

**PIER CAP REPAIR
IL 146 OVER DUTCH CREEK
UNION COUNTY
STRUCTURE NO. 091-0059**

FILE NAME :	USER NAME : hollmand	DESIGNED - DBH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION		F.A.P. RTE. :	SECTION :	COUNTY :	TOTAL SHEETS :	SHEET NO. :			
Default	PLOT SCALE = 14,0000 / in.	CHECKED - CNT	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	885	09 BRIDGE REPAIR 2017-5	UNION	4	3
	PLOT DATE = 12/2/2018	DATE -	REVISED -											

ILLINOIS FED. AID PROJECT CONTRACT NO. 78560

