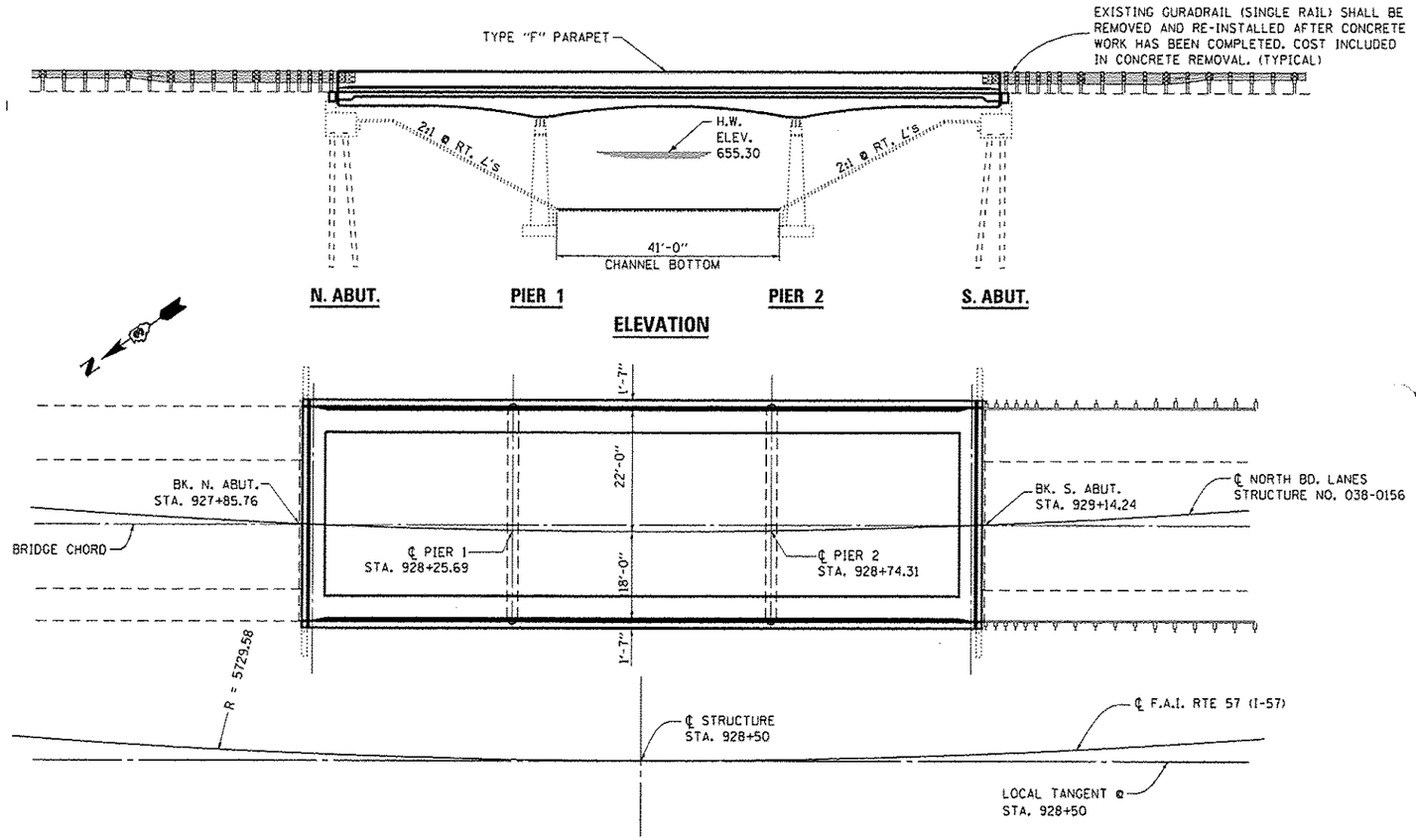
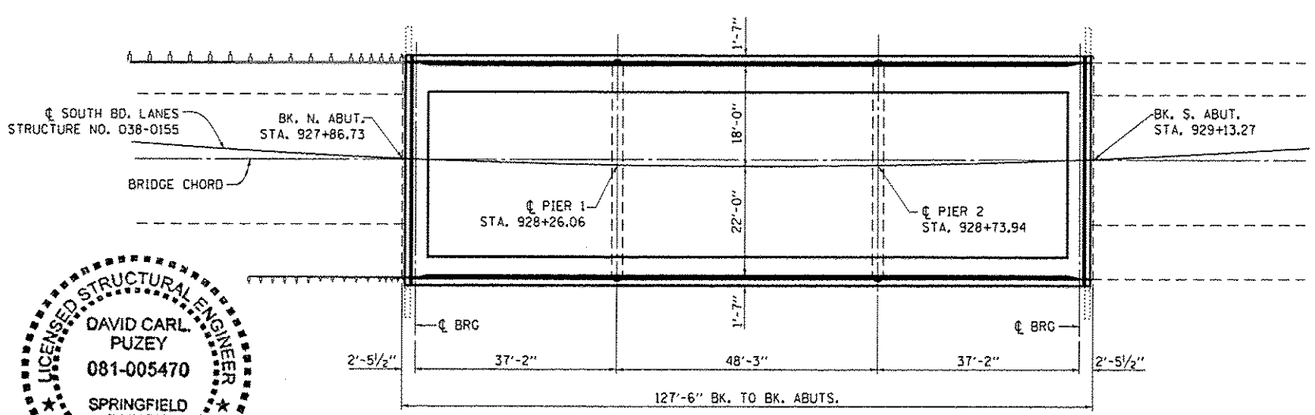


ELEVATION



PLAN

LICENSED STRUCTURAL ENGINEER
DAVID CARL PUZEY
081-005470
SPRINGFIELD
ILLINOIS
STATE OF ILLINOIS

D. Carl Puzey 6/30/14
Expires 11/30/14

GENERAL NOTES

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 WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT BID PRICE FOR THE WORK.

ALL STRUCTURAL STEEL SHALL CONFORM TO AASHTO CLASSIFICATION M-270 GR 36, UNLESS OTHERWISE NOTED.

THE DECK SHALL HAVE ITS FINAL FINISH TINED ACCORDING TO ARTICLE 420.09(e)(1) OF THE STANDARD SPECIFICATIONS. COST INCLUDED WITH CONCRETE SUPERSTRUCTURES.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

THE CONTRACTOR SHALL MAKE ALLOWANCE FOR THE DEFLECTION OF FORMS, SHRINKAGE AND SETTLEMENT OF FALSEWORK.

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA 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. COST INCLUDED WITH CONCRETE REMOVAL.

JOINT OPENING SHALL BE ADJUSTED ACCORDING TO ARTICLE 520.04 OF THE STANDARD SPECIFICATIONS WHEN THE DECK IS POURED AT AN AMBIENT TEMPERATURE OTHER THAN 50 DEGREES F.

WHILE THE NEED FOR A TEMPORARY SUPPORT SYSTEM FOR THE SECTION OF THE DECK TO REMAIN IS NOT EXPECTED IT IS THE CONTRACTORS STRUCTURAL ENGINEER RESPONSIBILITY TO DETERMINE ITS NEED IF ADDITIONAL CONSTRUCTION LOADS ARE APPLIED TO THAT SECTION OF THE DECK.

TWO SUPERSTRUCTURES
TOTAL BILL OF MATERIAL

	ITEM	UNIT	QUANTITY
	CONCRETE REMOVAL	CU. YD.	179.2
	CONCRETE SUPERSTRUCTURE	CU. YD.	197
	FLOOR DRAINS	EACH	14
	REINFORCEMENT BARS EPOXY COATED	POUND	60940
	BAR SPLICERS	EACH	72
	MECHANICAL SPLICERS	EACH	1416
	PREFORMED JOINT STRIP SEAL	FOOT	176
*	F & E STRUCTURAL STEEL	POUND	1214
**	PROTECTIVE COAT	SQ. YD.	500

* SEE SHEET 15 OF 27 FOR TOP PLATE LOCATION
** TO BE USED ON ALL NEW PLACED CONCRETE.

FILE NAME = c:\pw_work\pwidot\petelyj\d0325865\D366081-sht-details.dgn	USER NAME = Petelyj	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION FOR STRUCTURE NO's 038-0155 AND 038-0156	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RW	REVISED -			57	(38-6B)1-2 & (38-6B-1)1-2	IROQUOIS	27	10
	PLOT SCALE = 100.0000 ' / in.	CHECKED - GOE	REVISED -					CONTRACT NO. 66C81		
$MODELNAME$	PLOT DATE = 5/6/2014	DATE -	REVISED -		SCALE: SHEET 1 OF 10 SHEETS STA. 928+50.00		ILLINOIS FED. AID PROJECT			