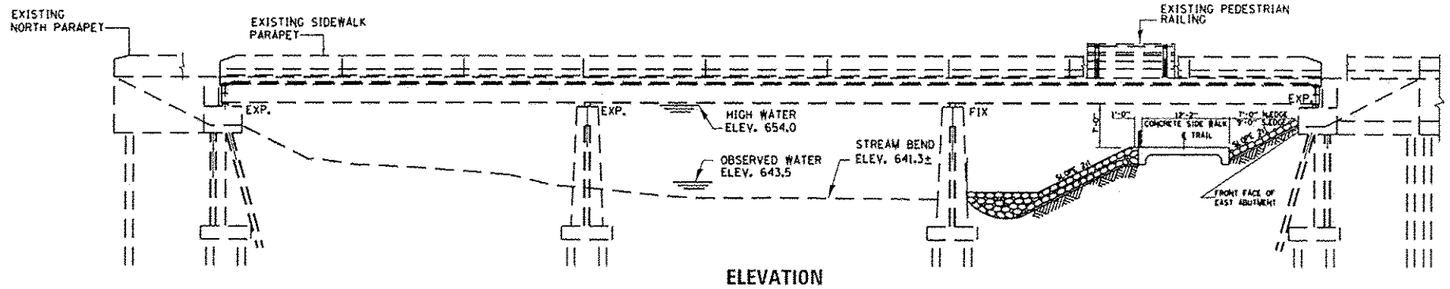
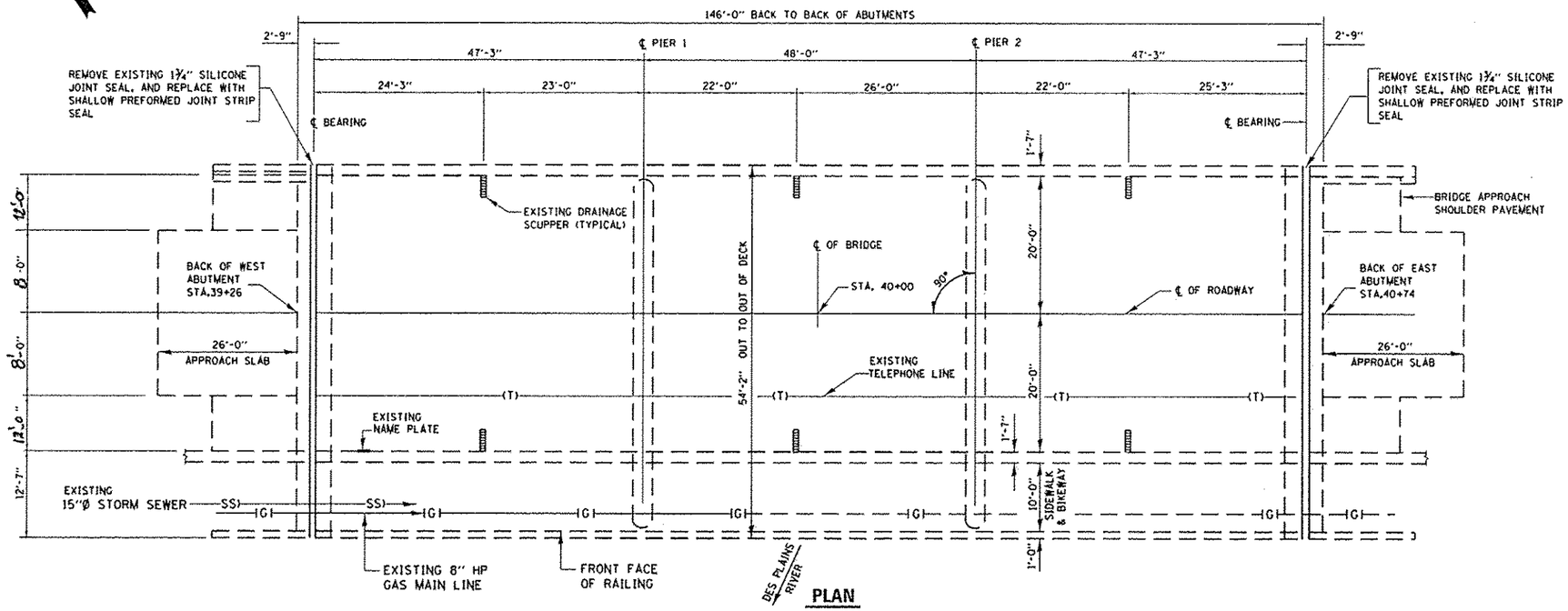
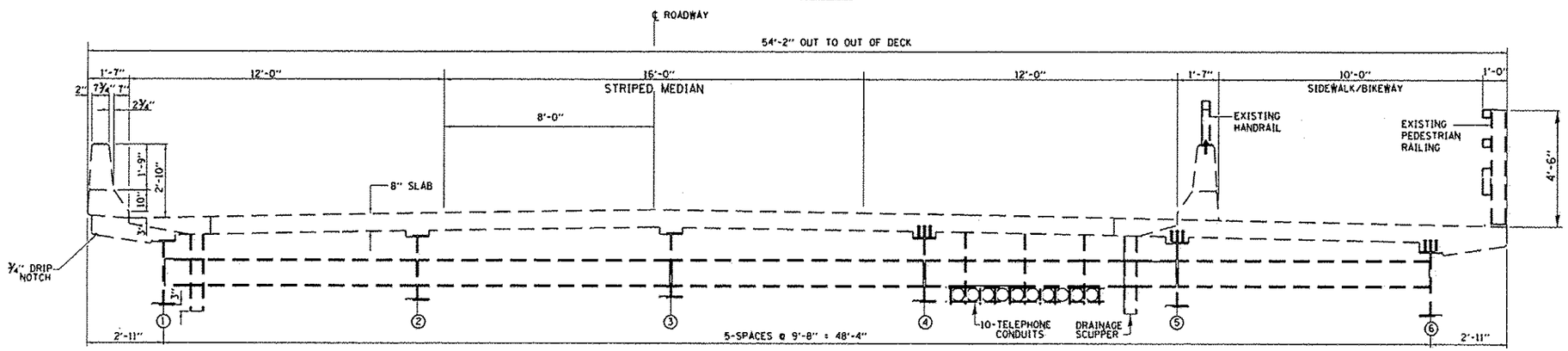


ELEVATION



PLAN



CROSS SECTION (EXISTING)

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 ADJUSTMENT 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 AT THE UNIT PRICE BID FOR THE WORK.

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

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

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.

CONCRETE SUPERSTRUCTURE SHALL HAVE A SEVEN DAY MINIMUM CURE.

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

NEW DECK SURFACES SHALL HAVE THEIR FINAL FINISH TINED ACCORDING TO ARTICLE 420.09(e) (1) OF THE STANDARD SPECIFICATIONS. COST INCLUDED WITH CONCRETE SUPERSTRUCTURE.

PROTECTIVE COAT SHALL BE APPLIED UPON THE ENTIRE TOP SURFACE OF THE DECK AND THE TOPS AND INSIDE VERTICAL FACES OF THE PARAPETS OF THE STRUCTURE.

TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
REINFORCEMENT BARS (EPOXY COATED)	POUND	510
CONCRETE REMOVAL	CU. YD.	6.2
CONCRETE SUPERSTRUCTURE	CU. YD.	6.2
PREFORMED JOINT STRIP SEAL	FOOT	109
PROTECTIVE COAT	SQ. YD.	900
BAR SPLICERS	EACH	8
STRUCTURAL REPAIR OF CONCRETE ≤ 5"	SQ. FT.	12

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

D. Carl Puzey 3/11/14
Expires 11/30/14

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Default	PLOT DATE = 2/13/2014	DATE - 2-10-14	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 176 (PARK AVENUE) AT DES PLAINES RIVER
GENERAL PLAN PLAN, ELEVATION AND CROSS SECTION
S.N. 049-0068

SCALE: | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1238	P-2-1-1 (12)	LAKE	25	4
		CONTRACT NO. 60T77		
		ILLINOIS FED. AID PROJECT		