

EXIST DUAL STRUCTURES (016-0483 & 016-0985)
BASE LINE STA. 50+80.00 BUILT 1964, 7" CONC. SLAB 4 SPAN WELDED PLATE GIRDER BRIDGES, 36'-0" O .- O. DECK, SUPPORTED BY COLUMN & SOLID CONC. PIERS ON SPREAD FOOTINGS, SPILL THRU ABUT W/ STL PILES TRAFFIC SHALL BE MAINTAINED UTILIZING STAGE CONSTRUCTION. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31 M-42 OR M-53 GRADE 60

2'-6 1/2"

⑥→ — (ABUT. A)

-- (ABUT. C)

BK E. ABUT STA. 48+17.21

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BK E. ABUT STA. 48+17.21

48+00

€ LIGHT STANDARD---STA. 48+31.40

REPAIR (VARIES)

1993

NGINEER OF STRUCTURAL SERVICES

116'-3'

€ LIGHT STANDARD---STA. 49+00

EXIST FLOOR DRAINS AT 6'-0"± (87 EACH SIDE OF EA. BRIDGE)

€ S.B. (E.B.) RDWY & P.G. (1ST AVE IL 171)

€ N.B. (W.B.) RDWY & P.G.

EXIST BR. RAIL TO REMAIN

-2/2" RIGID STEEL

FORMED CONCRETE REPAIR (DEPTH EQUAL TO OR LESS THAN 5") (TYPICAL)

CONDUITS O GIRDER GI TYPICAL DECK SECTION

(1ST AVE IL 171)

└─ 60" WELDED GIRDER

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD 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 THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT

└─ 72" WELDED GIRDER

€ LIGHT STANDARD-STA. 50+40

SOUTHBOUND (EASTBOUND) LANES

S.N. 016-0985 NORTHBOUND (WESTBOUND) LANES

EXIST. BIT CONC. SURFACE TO BE REMOVED. CONC. DECK SURF. TO BE REMOVED & REPLACED PER METHOD 3 OF THE SPECIAL PROVISIONS FOR BRIDGE DECK OVERLAY, FULL DEPTH REPAIRS SHALL BE PERFORMED AS REQUIRED. SEE SUPERSTRUCTURE OVERLAY & REPAIR SHTS AND STAGING DETAIL SHTS.

2-2" RIGID STEEL CONDUIT-

- EXIST. 1 1/2" ± BIT OVERLAY

- EXISTING 7" CONC. DECK

ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCIDENTAL TO CONCRETE REMOVAL.

ALL NEW STRUCTURAL STEEL SHALL CONFORM TO AASHTO CLASSIFICATION M-270 GR. 36

THE INGEGNIC ZINC- SILICATE

I ACRYLIC / ACRYLIC PAINT SYSTEM SHALL BE USED FOR SHOP AND FIELD PAINTING OF STRUCTURAL STEEL EXCEPT WHERE OTHERWISE NOTED. THE COLOR OF THE ACRYLIC FINISH COAT SHALL BE MUNSELL NO. 10YR 7/1. (LIGHT GREY).

THE STRUCTURAL STEEL BEARING PLATES OF THE ELASTOMERIC BEARING ASSEMBLY SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 270 GRADE 50.

PRIOR TO POURING THE NEW CONCRETE FOR THE DECK, ALL LOOSE RUST, LOOSE MILL SCALE, AND ALL OTHER LOOSE DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM THE EMBEDDED PORTIONS OF FLANGES OF STRINGERS. THE REMOVAL SHALL BE ACCOMPLISHED IN ACCCORDANCE WITH THE REQUIREMENTS OF THE SSPC SURFACE PREPARATION SPECIFICATIONS SP-3 FOR POWER TOOL CLEANING OR SP-2 FOR HAND TOOL CLEANING. COST SHALL BE INCIDENTAL TO CONCRETE REMOVAL.

BRIDGE DECK MICROSILICA CONCRETE OVERLAY (SPECIAL) AND CONCRETE BRIDGE DECK SURFACE REMOVAL (METHOD 3) SHALL BE PERFORMED IN ACCORDANCE WITH "SPECIAL PROVISION FOR BRIDGE DECK OVERLAY (EFFECTIVE OCTOBER

BRIDGE SEAT SEALER SHALL BE APPLIED TO THE SEAT AREA OF THE EAST ABUTMENTS, PIER 4 & PIER 23.

52+00

-- 72" WELDED GIRDER

EL 598.3 (1963)

DESIGN HIGH WATER

€ LIGHT STANDARD-STA. 51+80

GRAPHIC SCALE

PROPOSED RECONSTRUCTION

LOCATION SKETCH

: .... /

3rd PM

EXISTING ELEVATION

- STA. 50+80.00 € 1ST AVE. = STA. 50+00 € DES PLAINES RIVER

R12F

EXISTING PLAN € LIGHT STANDARD-STA. 51+41.13

1, 1983; REVISED OCTOBER 2, 1991)", EXCEPT AS MODIFIED BY "SPECIAL PROVISION FOR BRIDGE DECK OVERLAY (SPECIAL)". LIMITS OF RECONSTRUCTION 530'-10 1/4" BACK ABUTMENT TO DECK REMOVAL LIMITS IN SPAN 5 TO ALLOW PLACEMENT OF PROP. FINGER PLATE EXPANSION DEVICE

2-2" RIGID STEEL CONDUIT-

90"00"00" TYPICAL

90'00'00" TYPICAL

- 60" WELDED GIRDER

€ LIGHT STANDARD-STA. 53+23

53+00

benesch

Alfred Benesch & Compan 205 North Michigan Avenue, Suite 2400 Chicago, Illinois 60601

FSM REVISED STATE OF ILLINOIS RMM REVISED

EXIST FLOOR DRAINS, EVERY OTHER ONE SHALL BE ELIMINATED WHILE REMAINING FLOOR DRAINS SHALL BE REMOVED & RECONSTRUCTED SEE SUPERSTRUCTURE OVERLAY & REPAIR SHIS

The Company of Commercial Commerc

€ LIGHT STANDARD-STA. 49+86.40

© RDWY

**EXISTING PLAN INFORMATION (10 OF 13)** STRUCTURE NO. 016-0483

	SECTION			COUNTY	TOTAL	SHEET NO.
	2013-038B-R			COOK	821	540
				CONTRACT	NO.	60J16
ILLINOIS FED. AID PROJECT						

FOR INFORMATION ONLY

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DESIGNED -USER NAME = tjanicke CHECKED FSM REVISED PLOT DATE = 12/20/2013 CHECKED

**DEPARTMENT OF TRANSPORTATION** 

SHEET NO. SEX10 OF SEX13 SHEETS