

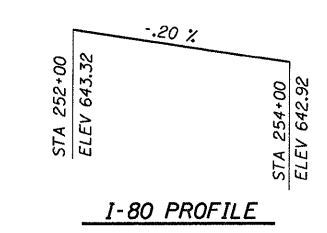
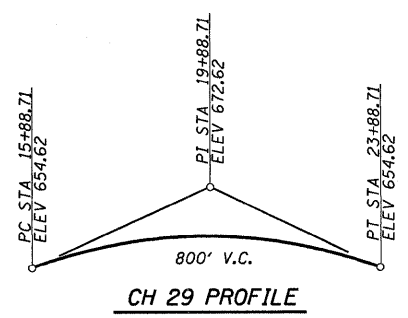
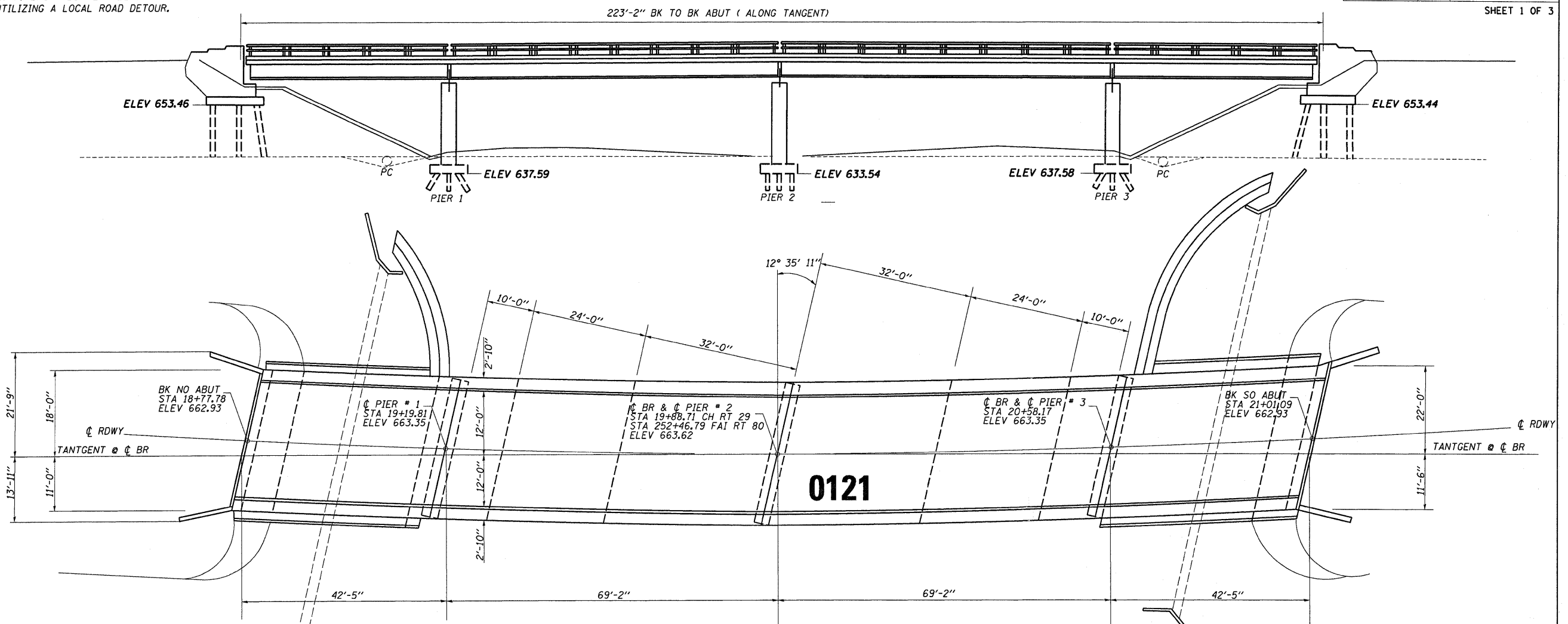
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(06-1,2)RS-3, 1	BUREAU	116	47
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS		FED. AID PROJECT

EXISTING STRUCTURE

THE STRUCTURE CONSISTS OF A 4 SPAN COMPOSITE CONCRETE DECK ON CURVED STEEL WIDE FLANGE BEAMS WITH COVER PLATES SUPPORTED BY PILE BENT ABUTMENTS ON CONCRETE PILES AND SINGLE HAMMERHEAD STYLE PIERS ON TIMBER PILES. IT HAS A 223'2" BACK TO BACK ABUTMENT LENGTH (ALONG TANGENT). THE EXISTING STRUCTURE IS TO REMAIN WITH PROPOSED REPAIRS UTILIZING A LOCAL ROAD DETOUR.

PROPOSED WORK:

- 1.) DECK SLAB REPAIR
- 2.) REPLACE EXPANSION JOINT SEALS



STATION 252+46.79
 BUILT 1960 BY
 STATE OF ILLINOIS
 FAI RT 80 SEC 06-1-HB-2
 FA PROJ I-80 - I (39)
 LOADING H15-S12

NAME PLATE LETTERING

SEE STD 2113

CURVE DATA

Maine Line
 PI = 252+22.22
 I = 2°-32'-00"
 D = 0°-10'
 T = 760.12
 L = 1520.00
 E = 8.40
 R = 34,377.5

S.A. RT 29
 PI = 17+20.00
 I = 22°-42'-40"
 D = 3°-00'-00"
 T = 383.69
 L = 757.04
 E = 38.59
 R = 1910.08
 SE = .025 /FT

LOADING H15-S12-44

GENERAL NOTES:

1.) PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATION. 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

2.) PRIOR TO POURING THE NEW CONCRETE DECK, ALL HEAVY OR LOOSE RUST, LOOSE MILL SCALE, AND OTHER LOOSE OR POTENTIALLY DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM THE SURFACES IN CONTACT WITH CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL AND THE COST WILL BE INCLUDED IN THE PAY ITEM COVERING REMOVAL OF THE EXISTING CONCRETE.

AS DIRECTED BY THE ENGINEER, EXISTING CONSTRUCTION ACCESSORIES WELDED TO THE TOP FLANGE OF BEAMS AND GIRDERS SHALL BE REMOVED. THE WELD AREAS SHALL BE GROUND FLUSH AND INSPECTED FOR CRACKS USING MAGNETIC PARTICLE TESTING (MT) OR DYE PENETRANT TESTING (PT) BY AN INDIVIDUAL ACCEPTABLE TO THE ENGINEER. ANY CRACKS THAT CAN NOT BE REMOVED BY GRINDING 1/4 IN. DEEP SHALL BE IDENTIFIED AND REPORTED TO THE BUREAU OF BRIDGES AND STRUCTURES FOR FURTHER DISPOSITION. THE COST OF REMOVING WELDED ACCESSORIES, GRINDING AND INSPECTING WELD AREAS AND GRINDING CRACKS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.



E + pines Nov. 30, 2010

TOTAL BILL OF MATERIALS				
ITEM	UNIT	SUPER STR	SUB STR	TOTAL
DECK SLAB REPAIR (PARTIAL)	SQ YD	11		11
DECK SLAB REPAIR (FULL DEPTH-TYPE II)	SQ YD	5		5
SILICONE JOINT SEALER (2")	FOOT	62		62

GENERAL PLAN AND ELEVATION
 PROJECT I-80-1 (39)40
 FAI RT 80 SEC 06-1-HB-2
 BUREAU COUNTY
 STA 252+46.79

SN 006-0121

PLOT DATE = Sep 04, 2008 - 08:05:35 AM
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 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = braboyne