

INTEROFFICE MEMORANDUM

DATE: April 13, 1994

TO: BRIDGE DIVISION PERSONNEL

FROM: Dale F. Loe, Bridge Engineer

SUBJECT: Bridge Deck Pouring Sequences for Short Continuous Units

On short continuous bridge units, show alternate A 7 B pouring sequence on the bridge plans. Short units are with 120 cu. yds. or less of concrete in the deck. See the attached sheets.

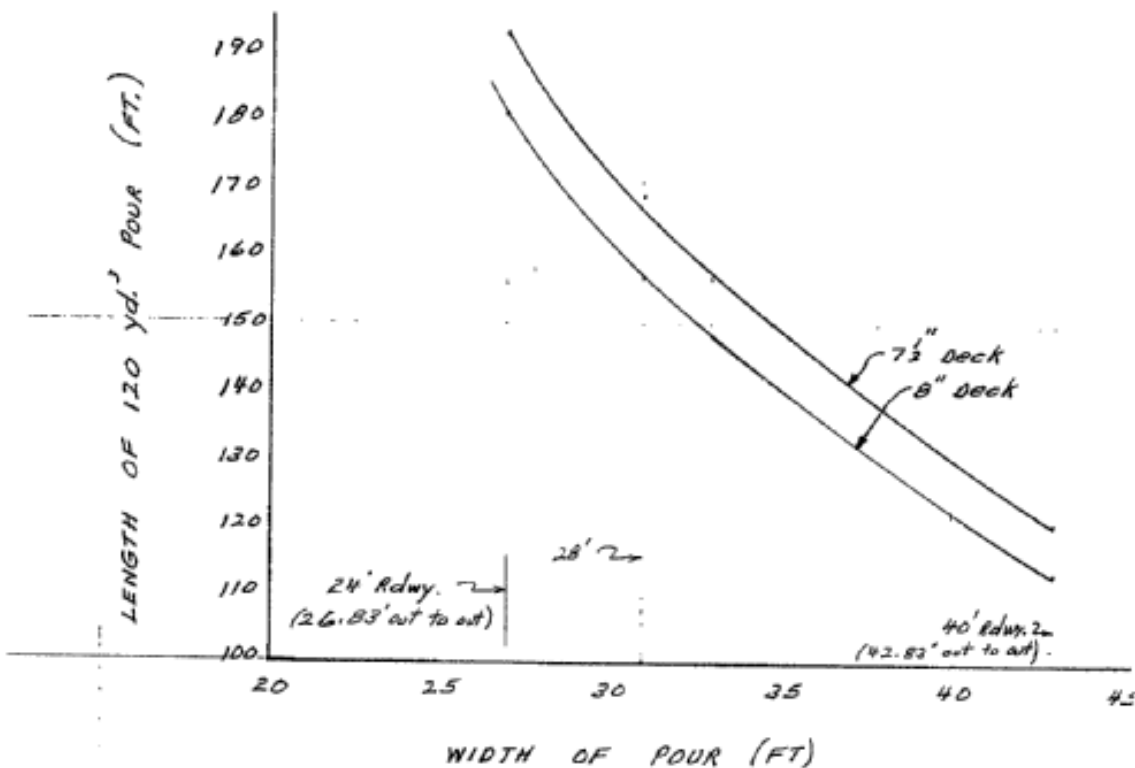
Factors such as uplifts, deflection, or camber may warrant further consideration of the pouring sequence. When these considerations exist, the designer shall determine an acceptable pouring sequence to be shown.

JAS:bw
Enclosures

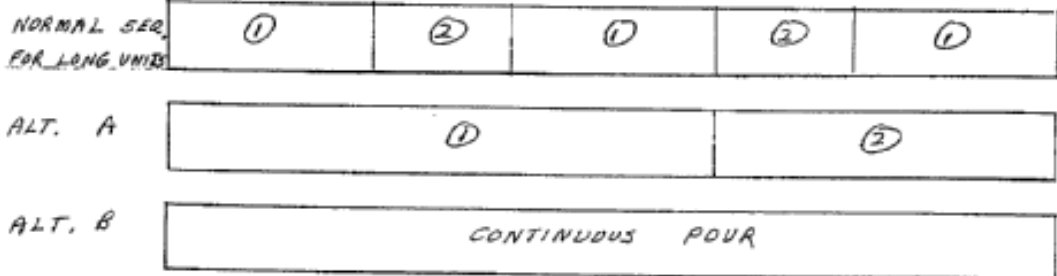
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ARKANSAS HIGHWAY DEPARTMENT
 BRIDGE DESIGN DIVISION
 CALCULATIONS FOR GUIDE FOR SHORT UNITS

MADE BY JAS DATE 4-98 SHEET NO. _____
 CHECKED BY _____ DATE _____ JOB NO. _____
 BRIDGE NO. _____



EXAMPLE: 3-SPAN UNIT



COMMENT: SHOW ALTS. A & B on the plans

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

LITTLE ROCK, ARKANSAS

October 22, 1992

CONSTRUCTION MEMORANDUM NO. 92-21

TO: DISTRICT ENGINEERS AND RESIDENT ENGINEERS

SUBJECT: BRIDGE DECK POURING SEQUENCES

Recent experience has shown that there is a greater likelihood of random cracking occurring on long continuous bridge decks when they are poured in one continuous operation. This problem is being investigated by the Department, but until further notice there will be a moratorium on allowing any changes in the pouring sequences shown on the plans.

This office routinely receives many requests from contractors requesting changes in the pouring sequence. You should handle any future requests by advising the contractor that we will not deviate from what is shown on the plans.

A. L. Holmes
State Construction and
Maintenance Engineer

ALH:JLH:bkw

cc: Director
Assistant Director
Chief Engineer
Assistant Chief Engineers
Bridge Engineer
Materials Engineer
Research Engineer
FHWA

INTER OFFICE MEMORANDUM

DATE: September 30, 1992

TO: BRIDGE DIVISION PERSONNEL
FROM: Veral Pinkerton, Bridge Engineer
SUBJECT: Policy on Pouring Continuous Units

Pours with the same number may be placed simultaneously or separately. All pours (1) must be placed before Pours (2) can be placed.

Forty eight (48) hours shall elapse between the end of a pour and the start of the next pour. Seventy two (72) hours shall elapse between the end of a pour and the start of an adjacent pour.

Any railing pours made before the entire slab unit has been placed must be approved by the Bridge Engineer.

VP:bw

Handwritten: *See Memo 4-13-94 for Short Units*

