F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	47BR-2	VERMILION	68	17

STA.   TO STA.

FED. ROAD DIST. NO.   ILLINOIS | FED. AID PROJECT

Detail of Temporary Traffic Signal Phasing and Timing

Detector Loop Data

Loop	Size	Mode	Delay	Turns
A1, B1	6' X 6'	Presence	0	5
A2, B2	6' X 6'	Presence	2	5
A3, B3	6' X 6'	Presence	0	5
C1, D1	6' X 6'	Presence	6	4

Suggested Timings

PHASE	1	2	3	4
Min. Grn.	12	7	7	12
add sec./act.	2.0	0.0	0.0	2.0
Max Init Grn	20	0	0	20
Max Green	25	7	7	25
Passage	2.5	0.0	0.0	2.5
Amber Clear	3.5	3.0	3.0	3.5
Red Clear	0.0	0.0	0.0	0.0
Lock Call	yes	yes	yes	yes

OL A = $\phi 1$
    Trailing grn = 24 sec.
    Trailing yel = 3.5 sec.
    Trailing red = 0 sec.

OL B = $\phi 2$
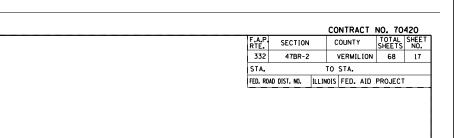   Trailing grn = 17 sec. (stage 1)
    Trailing grn = 40 sec. (stage 2 - confirm in field)
    Trailing yel = 3.0 sec.
    Trailing red = 0 sec.

OL C = $\phi 3 + \phi 4$
    Trailing grn = 24 sec.
    Trailing yel = 3.5 sec.
    Trailing red = 0 sec.

General Notes

1. Loops A2 and B2 shall have delay inhibit wired to corresponding phase green.

2. Loops C1 and D1 shall be per the special provision for Detector Loop (Special).

3. The advisory speed signs or plates shall show a speed of 30 mph.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF TEMPORARY TRAFFIC SIGNAL - PHASING & TIMING

SCALE: VERT. HORIZ.   DRAWN BY

DATE   CHECKED BY