

7/17/09

DATE PREPARED

ROUTE STATE

DISTRICT SHEET NO

TS6

COUNTY

ST. CHARLES

JOB NO.

238-07

CONTRACT ID.

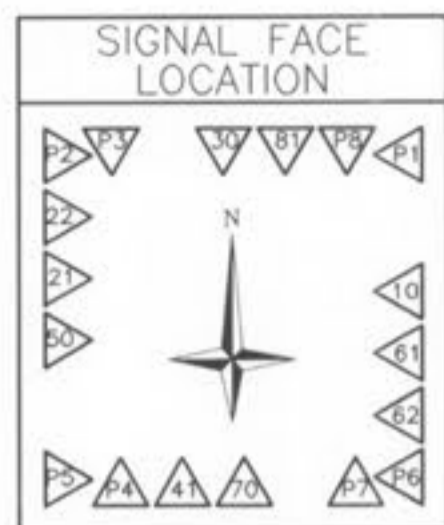
PROJECT NO.

BRIDGE NO.

DATE DESCRIPTION

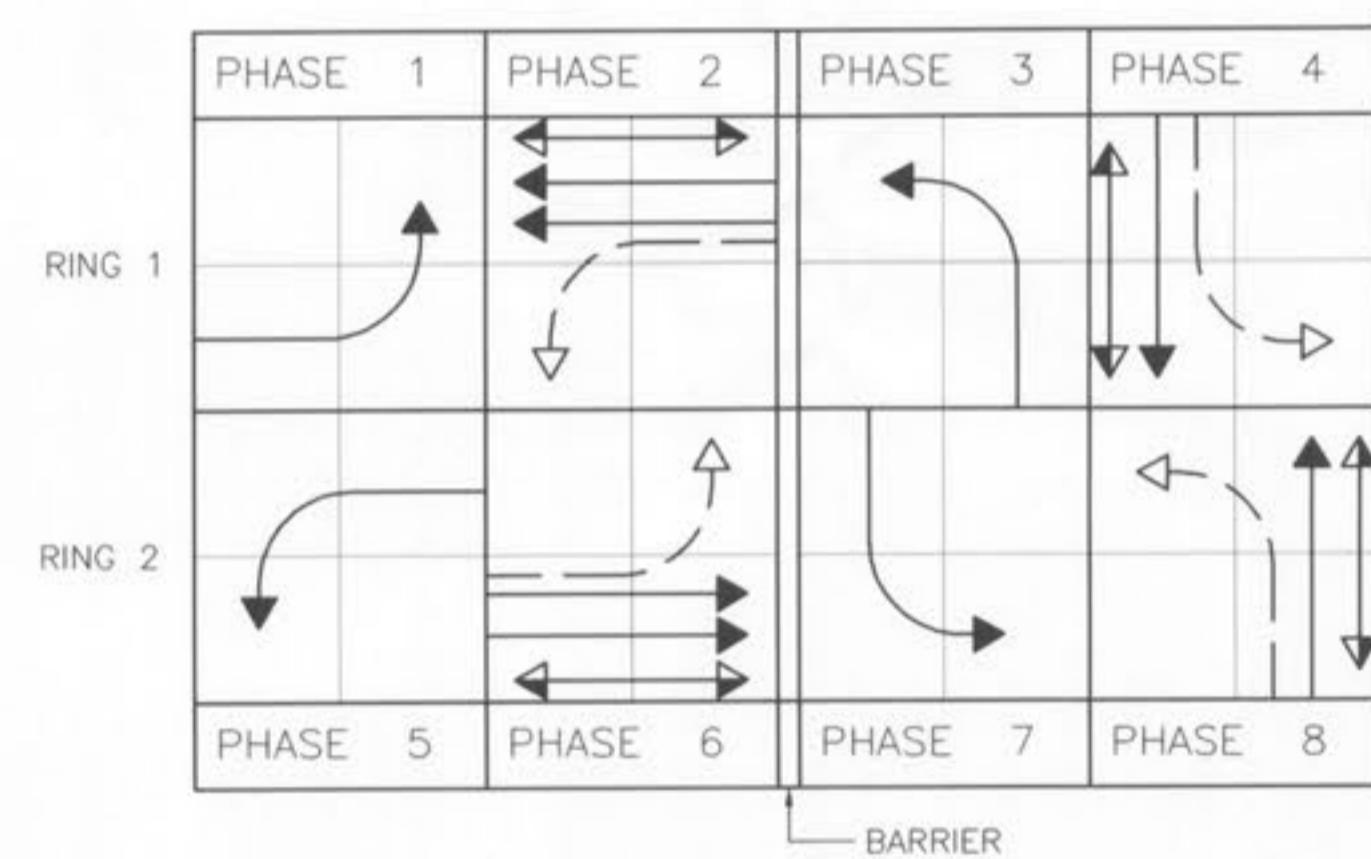
4/13/09 50% PRELIMINARY DESIGN
6/5/09 90% DESIGN SUBMITTAL
7/17/09 100% FINAL SUBMITTAL

CBB Crawford Bunte, Brammeier
Traffic and Transportation Engineers
St. Louis, Missouri / Glen Carbon, Illinois
314-878-6644 618-656-2612
Fax: 314-878-5876 E-Mail: cbb@cbbtraffic.com



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

		PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED 2P	PED 4P	PED 6P	PED 8P	FACE
CONTROL	FACE NUMBERS	10	21 22 50	30	41 70	50	61 62 10	70	81 30	P1	P3	P5	P7	
	SIGNAL INDICATIONS	R Y L G	R R R Y Y Y G G G	YL L	R R Y Y G G	YL L	R R R Y Y Y G G G	YL L	R R Y Y G G	P2 DW W	P4 DW W	P6 DW W	P8 DW W	R Y L G
	LOAD SWITCH OUTPUTS													
										OVERLAP PARENT PHASES				



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND

- ACTUATED VEHICULAR MOVEMENT
- ↔ PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- ↔ NON-ACTUATED VEHICULAR MOVEMENT
- ↔ PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- ↔ NON-ACTUATED PEDESTRIAN MOVEMENT
- ⊥ VEHICLE STOPPED
- FDW - FLASHING DON'T WALK
- R/W - RIGHT OF WAY INTERVAL
- DW - DON'T WALK
- YRt - YELLOW RIGHT ARROW
- RT. - GREEN RIGHT ARROW
- W - WALK
- YL - YELLOW LEFT ARROW
- L - GREEN LEFT ARROW
- S - GREEN STRAIGHT AHEAD ARROW
- G - CIRCULAR GREEN
- Y - CIRCULAR YELLOW
- R - CIRCULAR RED
- ∅ - TRAFFIC PHASE
- AO - ALL OTHERS
- FR - FLASHING RED
- FY - FLASHING YELLOW

FLASHING OPERATION	
MEXICO ROAD	FR
BRAMBLETT/MEXICO LOOP ROAD	FR
CONTROLLER TYPE	NEMA

TRAFFIC SIGNAL CONTROL OPERATION	
MEXICO ROAD AND BRAMBLETT ROAD/MEXICO LOOP ROAD EAST INTERSECTION	