

TEMPORARY SEQUENCE OF OPERATION (FOR STAGE 2, SUB STAGES 2,3, AND STAGE 3 WITH LEAD-LAG OPERATION FOR ILL. RTE. 53 ONLY)

| MOVEMENT  |     | 1+5 |    |     |    |                          |    | 1+6 |    |      |    |                          |    | 2+5 |    |    |    |     |     | 2+6                      |     |     |     |     |    | 3+8 |     |     |     |                          |     |     |    |                                 |     |     |     |     |
|---|-----|-----|----|-----|----|--------------------------|----|-----|----|------|----|--------------------------|----|-----|----|----|----|-----|-----|--------------------------|-----|-----|-----|-----|----|-----|-----|-----|-----|--------------------------|-----|-----|----|---------------------------------|-----|-----|-----|-----|
| PHASE   |     | 1+5 |    |     |    |                          |    | 1+6 |    |      |    |                          |    | 2+5 |    |    |    |     |     | 2+6                      |     |     |     |     |    | 3+8 |     |     |     |                          |     |     |    |                                 |     |     |     |     |
| INTERVAL  |     | 1   | 2A | 2B  | 3A | 3B                       | 4A | 4B  | 5  | 6    | 7A | 7B                       | 8A | 8B  | 9A | 9B | 10 | 11  | 12A | 12B                      | 13A | 13B | 14A | 14B | 15 | 16  | 17A | 17B | 18A | 18B                      | 19A | 19B | 20 | 21                              | 22A | 22B | 23A | 23B |
| CHANGE TO   |     | 1+6 |    | 2+5 |    | 2+6<br>3+8<br>4+7<br>4+8 |    | ∅   | ∅  | 1+5  |    | 2+5<br>3+8<br>4+7<br>4+8 |    | 2+6 |    | ∅  | ∅  | 1+5 |     | 1+6<br>3+8<br>4+7<br>4+8 |     | 2+6 |     | ∅   | ∅  | 1+6 |     | 2+5 |     | 1+5<br>3+8<br>4+7<br>4+8 |     | ∅   | ∅  | 1+5<br>1+6<br>2+5<br>2+6<br>4+7 |     | 4+8 |     |     |
| ARMY TRAIL ROAD<br>NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL                                  | E/B | R   | R  | R   | R  | R                        | R  | R   | R  | R    | R  | R                        | R  | R   | R  | G  | G  | Y   | R   | Y                        | R   | G   | G   | G   | G  | Y   | R   | G   | G   | Y                        | R   | R   | R  | R                               | R   | R   | R   |     |
| ARMY TRAIL ROAD<br>TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS                           | E/B | ←G  | ←Y | ←R  | ←G | ←G                       | ←Y | ←R  | ←R | ←R   | ←R | ←R                       | ←R | ←R  | ←R | ←G | ←G | ←G  | ←G  | ←Y                       | ←R  | ←Y  | ←R  | ←R  | ←R | ←R  | ←R  | ←R  | ←R  | ←R                       | ←R  | ←R  | ←R | ←R                              | ←R  | ←R  | ←R  | ←R  |
| ARMY TRAIL ROAD<br>NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL                                  | W/B | R   | R  | R   | R  | R                        | R  | G   | G  | Y    | R  | Y                        | R  | G   | G  | R  | R  | R   | R   | R                        | R   | R   | R   | R   | G  | G   | G   | G   | Y   | R                        | Y   | R   | R  | R                               | R   | R   | R   | R   |
| ARMY TRAIL ROAD<br>TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS                           | W/B | ←G  | ←G | ←G  | ←Y | ←R                       | ←Y | ←R  | ←G | ←G   | ←G | ←G                       | ←Y | ←R  | ←Y | ←R | ←R | ←R  | ←R  | ←R                       | ←R  | ←R  | ←R  | ←R  | ←R | ←R  | ←R  | ←R  | ←R  | ←R                       | ←R  | ←R  | ←R | ←R                              | ←R  | ←R  | ←R  | ←R  |
| ILLINOIS ROUTE 53 (ROHLWING ROAD)<br>NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS               | N/B | R   | R  | R   | R  | R                        | R  | R   | R  | R    | R  | R                        | R  | R   | R  | R  | R  | R   | R   | R                        | R   | R   | R   | R   | R  | R   | R   | R   | R   | R                        | R   | R   | R  | R                               | R   | R   | R   | R   |
| ILLINOIS ROUTE 53 (ROHLWING ROAD)<br>TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS         | N/B | ←R  | ←R | ←R  | ←R | ←R                       | ←R | ←R  | ←R | ←R   | ←R | ←R                       | ←R | ←R  | ←R | ←R | ←R | ←R  | ←R  | ←R                       | ←R  | ←R  | ←R  | ←R  | ←R | ←R  | ←R  | ←R  | ←R  | ←R                       | ←R  | ←R  | ←R | ←R                              | ←R  | ←R  | ←R  | ←R  |
| ILLINOIS ROUTE 53 (ROHLWING ROAD)<br>NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS               | S/B | R   | R  | R   | R  | R                        | R  | R   | R  | R    | R  | R                        | R  | R   | R  | R  | R  | R   | R   | R                        | R   | R   | R   | R   | R  | R   | R   | R   | R   | R                        | R   | R   | R  | R                               | R   | R   | R   | R   |
| ILLINOIS ROUTE 53 (ROHLWING ROAD)<br>TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS         | S/B | ←R  | ←R | ←R  | ←R | ←R                       | ←R | ←R  | ←R | ←R   | ←R | ←R                       | ←R | ←R  | ←R | ←R | ←R | ←R  | ←R  | ←R                       | ←R  | ←R  | ←R  | ←R  | ←R | ←R  | ←R  | ←R  | ←R  | ←R                       | ←R  | ←R  | ←R | ←R                              | ←R  | ←R  | ←R  | ←R  |
| PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD)<br>ON NORTH SIDE OF ARMY TRAIL ROAD |     | H   | H  | H   | H  | H                        | H  | H   | *P | **FH | H  | H                        | H  | H   | H  | H  | H  | H   | H   | H                        | H   | H   | H   | H   | H  | H   | H   | H   | H   | H                        | H   | H   | H  | H                               | H   | H   | H   | H   |
| PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD)<br>ON SOUTH SIDE OF ARMY TRAIL ROAD |     | H   | H  | H   | H  | H                        | H  | H   | H  | H    | H  | H                        | H  | H   | H  | H  | H  | H   | H   | H                        | H   | H   | H   | H   | H  | H   | H   | H   | H   | H                        | H   | H   | H  | H                               | H   | H   | H   | H   |
| PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD<br>ON EAST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)  |     | H   | H  | H   | H  | H                        | H  | H   | H  | H    | H  | H                        | H  | H   | H  | H  | H  | H   | H   | H                        | H   | H   | H   | H   | H  | H   | H   | H   | H   | H                        | H   | H   | H  | H                               | H   | H   | H   | H   |
| PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD<br>ON WEST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)  |     | H   | H  | H   | H  | H                        | H  | H   | H  | H    | H  | H                        | H  | H   | H  | H  | H  | H   | H   | H                        | H   | H   | H   | H   | H  | H   | H   | H   | H   | H                        | H   | H   | H  | H                               | H   | H   | H   | H   |

| MOVEMENT  |     | 4+8 |      |     |     |                          |     | 4+7                             |     |     |      |     |     |     |     |      |
|---|-----|-----|------|-----|-----|--------------------------|-----|---------------------------------|-----|-----|------|-----|-----|-----|-----|------|
| PHASE   |     | 4+8 |      |     |     |                          |     | 4+7                             |     |     |      |     |     |     |     |      |
| INTERVAL  |     | 24  | 25   | 26A | 26B | 27A                      | 27B | 28A                             | 28B | 29  | 30   | 31A | 31B | 32A | 32B |      |
| CHANGE TO   |     | 4+7 |      | 3+8 |     | 1+5<br>1+6<br>2+5<br>2+6 |     | 1+5<br>1+6<br>2+5<br>2+6<br>3+8 |     | 4+8 |      |     |     |     |     |      |
| ARMY TRAIL ROAD<br>NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL                                  | E/B | R   | R    | R   | R   | R                        | R   | R                               | R   | R   | R    | R   | R   | R   | R   |      |
| ARMY TRAIL ROAD<br>TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS                           | E/B | ←R  | ←R   | ←R  | ←R  | ←R                       | ←R  | ←R                              | ←R  | ←R  | ←R   | ←R  | ←R  | ←R  | ←R  |      |
| ARMY TRAIL ROAD<br>NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNAL                                  | W/B | R   | R    | R   | R   | R                        | R   | R                               | R   | R   | R    | R   | R   | R   | R   |      |
| ARMY TRAIL ROAD<br>TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS                           | W/B | ←R  | ←R   | ←R  | ←R  | ←R                       | ←R  | ←R                              | ←R  | ←R  | ←R   | ←R  | ←R  | ←R  | ←R  |      |
| ILLINOIS ROUTE 53 (ROHLWING ROAD)<br>NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS               | N/B | G   | G    | Y   | R   | G                        | G   | Y                               | R   | R   | R    | R   | R   | R   | R   |      |
| ILLINOIS ROUTE 53 (ROHLWING ROAD)<br>TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS         | N/B | ←R  | ←R   | ←R  | ←R  | ←R                       | ←R  | ←R                              | ←R  | ←R  | ←R   | ←R  | ←R  | ←R  | ←R  |      |
| ILLINOIS ROUTE 53 (ROHLWING ROAD)<br>NEAR RIGHT AND TWO FAR RIGHT SPAN WIRE SIGNALS               | S/B | G   | G    | G   | G   | Y                        | R   | Y                               | R   | G   | G    | Y   | R   | G   | G   |      |
| ILLINOIS ROUTE 53 (ROHLWING ROAD)<br>TWO FAR LEFT SPAN WIRE SIGNALS WITH LEFT TURN ARROWS         | S/B | ←R  | ←R   | ←R  | ←R  | ←R                       | ←R  | ←R                              | ←R  | ←G  | ←G   | ←Y  | ←R  | ←Y  | ←R  |      |
| PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD)<br>ON NORTH SIDE OF ARMY TRAIL ROAD |     | H   | H    | H   | H   | H                        | H   | H                               | H   | H   | H    | H   | H   | H   | H   | DARK |
| PEDESTRIAN SIGNALS - CROSSING ILLINOIS ROUTE 53 (ROHLWING RD)<br>ON SOUTH SIDE OF ARMY TRAIL ROAD |     | H   | H    | H   | H   | H                        | H   | H                               | H   | H   | H    | H   | H   | H   | H   | DARK |
| PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD<br>ON EAST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)  |     | *P  | **FH | H   | H   | H                        | H   | H                               | H   | H   | H    | H   | H   | H   | H   | DARK |
| PEDESTRIAN SIGNALS - CROSSING ARMY TRAIL ROAD<br>ON WEST SIDE OF ILLINOIS ROUTE 53 (ROHLWING RD)  |     | *P  | **FH | H   | H   | H                        | H   | H                               | H   | *P  | **FH | H   | H   | H   | H   | DARK |

F  
L  
A  
S  
H

P = ILLUMINATED PERSON = WALK  
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK  
 H = ILLUMINATED SOLID HAND = DON'T WALK  
 PHASE 2 + 6 SHALL BE PLACED ON RECALL.  
 \* TO APPEAR ONLY UPON PUSHBUTTON ACTUATION.  
 \*\* FLASHING " [ ] " IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.  
 ∅ THIS " [ ] " OR FLASHING " [ ] " INTERVAL MAY FINISH TIMING IN THE BI-DIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE " [ ] " OR FLASHING " [ ] " INTERVALS. " [ ] " AND FLASHING " [ ] " TIMINGS TO BE SET ONLY ON THE PHASES WHERE " [ ] " AND FLASHING " [ ] " ARE INDICATED IN THE SEQUENCE OF OPERATION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.