| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 2744 | 06-00183-00-CH | COOK | 73 | 49 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

CONTRACT NO. 83999

# PROPOSED NORMAL SEQUENCE OF OPERATIONS

| MOVEMENT | 5 → 1 | 6 → 1 | 5 → 2 | 2 → 6 | 7 → 3 | 3 → 8 | 4 7 | 4 → 8 | FLASH |
|---|---|---|---|---|---|---|---|---|---|
| PHASE | 1+5 | 1+6 | 2+5 | 2+6 | 3+7 | 3+8 | 4+7 | 4+8 | |
| INTERVAL | 1 2A 2B 3A 3B 4A 4B | 5 6 7A 7B 8A 8B | 9 10A 10B 11A 11B | 12 13 14A 14B | 15 16A 16B 17A 17B 17C 17D 18A 18B 18C 18D | 19 20 21A 21B 21C 21D | 22 23 24A 24B | 25 26 27A 27B 27C 27D 28A 28B 29A 29B 29C 29D | |
| CHANGE TO | 1+6 / 2+5 / 2+6 3+7 3+8 4+7 4+8 | ~~0~~ ~~0~~ / 1+5 2+5 3+7 3+8 4+7 4+8 / 2+6 | 3+7 3+8 4+7 4+8 / 2+6 | 1+6 3+7 3+8 4+7 4+8 | 3+8 / 4+7 / 4+8 | ~~0~~ ~~0~~ / 4+8 | ~~0~~ ~~0~~ / 4+8 | 1+5 1+6 2+5 2+6 3+7 / 3+8 / 4+7 | |
| GREEN BAY ROAD NEAR RIGHT AND CENTER AND FAR RIGHT MAST ARM SIGNALS N/B | R R R R R R R | R R R R R R | G Y R G G | G G Y 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 |
| GREEN BAY ROAD LEFT MAST ARM AND FAR LEFT SIGNALS N/B | R ~~G~~ / R ~~Y~~ R / R ~~G~~ / R ~~G~~ / R ~~Y~~ R | R R R R R R | G ~~G~~ / Y R / G ~~Y~~ G | G G Y 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 |
| GREEN BAY ROAD NEAR RIGHT AND CENTER AND FAR RIGHT MAST ARM SIGNALS S/B | R R R R R R R | G G Y R G G | R R R R R | G G Y 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 |
| GREEN BAY ROAD LEFT MAST ARM AND FAR LEFT SIGNALS S/B | ~~G~~ ~~G~~ ~~G~~ ~~Y~~ ~~R~~ ~~Y~~ ~~R~~ | ~~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~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ |
| WILMETTE AVENUE FAR RIGHT AND CENTER MAST ARM SIGNALS W/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 | G G G G G G | R R R R | G G G G Y R G G G G Y R | R |
| WILMETTE AVENUE LEFT MAST ARM AND FAR LEFT SIGNALS W/B | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~G~~ ~~G~~ ~~G~~ ~~G~~ ~~G~~ ~~Y~~ ~~R~~ ~~G~~ ~~G~~ ~~Y~~ ~~R~~ | ~~G~~ ~~G~~ ~~G~~ ~~G~~ ~~Y~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ |
| WILMETTE AVENUE (EAST OF TRACKS) LEFT CANTILEVER AND FAR LEFT MEDIAN SIGNALS W/B | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~G~~ ~~G~~ ~~G~~ ~~Y~~ ~~R~~ ~~R~~ ~~R~~ ~~Y~~ ~~R~~ ~~R~~ ~~R~~ | ~~G~~ ~~G~~ ~~Y~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ |
| WILMETTE AVENUE (EAST OF TRACKS) FAR RIGHT AND CENTER CANTILEVER SIGNALS W/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 | G G G G G G | R R R R | G G Y R R R G G Y R R R | R |
| WILMETTE AVENUE NEAR RIGHT CENTER AND FAR RIGHT MAST ARM SIGNALS E/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 R | G G G G | G G G G Y R Y R G G G G R | R |
| WILMETTE AVENUE LEFT MAST ARM AND FAR LEFT SIGNALS E/B | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~G~~ ~~Y~~ ~~R~~ ~~G~~ ~~G~~ ~~G~~ ~~G~~ ~~G~~ ~~Y~~ ~~R~~ ~~G~~ ~~G~~ ~~Y~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ ~~R~~ | ~~G~~ ~~G~~ ~~Y~~ ~~R~~ ~~R~~ ~~R~~ | ~~G~~ ~~G~~ ~~Y~~ ~~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 GREEN BAY ROAD ON SOUTH SIDE OF WILMETTE AVENUE (S. LEG) | 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 H | * P ** FH H H | * P ** FH H H H H H H H H H H | DARK |
| PEDESTRIAN SIGNALS CROSSING GREEN BAY ROAD ON NORTH SIDE OF WILMETTE AVENUE (N. LEG) | 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 | * P ** FH H H P P | H H H H | * P ** FH H H H H H H H H H H | DARK |
| PEDESTRIAN SIGNALS CROSSING WILMETTE AVENUE ON WEST SIDE OF GREEN BAY ROAD (W. LEG) | * P ** FH H H H H | * P ** FH H H 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 H H H H H H H | DARK |

P = ILLUMINATED PERSON = WALK

FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK

H = ILLUMINATED SOLID HAND = DON'T WALK

* TO APPEAR ONLY UPON PUSHBUTTON ACTUATION

** FLASHING "hand" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

"person" AND FLASHING "hand" TIMINGS TO BE SET ONLY ON PHASES WHERE "person" AND FLASHING "hand" ARE INDICATED IN THE SEQUENCE OF OPERATION.

⟷ = THIS "person" OR FLASHING "hand" INTERVAL MAY FINISH TIMING IN THE BI-DIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE "person" OR FLASHING "hand" INTERVALS.

PHASE 2 AND 6 SHALL BE PLACED ON RECALL FOR COORDINATED SYSTEM

PLAN: SURVEYED, PLOTTED, SHEETS CHECKED, ALL DATA ADDED TO CADD FILE, NOTE BOOK NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, SHEETS CHECKED, ALL DATA ADDED TO CADD FILE, STRUCTURE NOTATNS CHKD, NOTE BOOK NO., BY, DATE



| REVISIONS NAME | DATE |
|---|---|
| | |

SEQUENCE OF OPERATIONS

WILMETTE AVENUE AT GREEN BAY ROAD

CONSULTANT

TY·LIN INTERNATIONAL

VILLAGE OF WILMETTE
GREEN BAY ROAD
INTERSECTION IMPROVEMENTS

| | |
|---|---|
| DRAWN: | SHEET NO. |
| CHECKED: | |
| APPROVED: | |
| DATE: 02-14-2008 | |
| SCALE: NONE | |
| JOB NO.: | PROJECT NO.: |