CONTRACT NO. 62882

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	294
STA. 9+35.22	TO STA.142+08.53			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEQUENCE OF OPERATION

MOVEMENT	Dir.											
PHASE		1 + 5										
INTERVAL		1	2A	2B	3A	3B	3C	3D	4A	4B	4C	4D
CHANGE TO		/	1+6		2+5				2+6			
ILLINOIS ROUTE 47, NEAR RIGHT, RIGHT AND MID MAST ARM SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 47, FAR LEFT AND END MAST ARM SIGNALS	N/B	←G	←Y	←R	←G	←G	←G	←G	←Y	←R	←R	←R
ILLINOIS ROUTE 47, NORTH OF TRACK RIGHT LOW MOUNT AND TWO RIGHT CANTILEVER SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 47, NORTH OF TRACK MEDIAN LOW MOUNT AND TWO MEDIAN CANTILEVER SIGNALS	S/B	←G	←G	←G	←Y	←R	←R	←R	←Y	←R	←R	←R
ILLINOIS ROUTE 47, SOUTH OF TRACK NEAR RIGHT, RIGHT AND MID MAST ARM SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 47, SOUTH OF TRACK FAR LEFT AND END MAST ARM SIGNALS	S/B	←G	←G	←G	←G	←G	←Y	←R	←G	←G	←Y	←R
MAIN STREET, RIGHT AND MID MAST ARM SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET FAR LEFT AND END MAST ARM SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET, EAST OF TRACK RIGHT LOW MOUNT, MEDIAN LOW MOUNT AND CANTILEVER SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET, WEST OF TRACK RIGHT AND MID MAST ARM SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET, WEST OF TRACK FAR LEFT AND END MAST ARM SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R
PEDESTRIAN SIGNALS CROSSING MAIN STREET, ON EAST SIDE OF ILLINOIS ROUTE 47.		H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING MAIN STREET, ON WEST SIDE OF ILLINOIS ROUTE 47.		H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 47, ON NORTH SIDE OF MAIN STREET.		H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 47, ON SOUTH SIDE OF MAIN STREET.		H	H	H	H	H	H	H	H	H	H	H

MOVEMENT	Dir.										
PHASE		1 + 6						2 + 5			
INTERVAL		5	6	7A	7B	7C	7D	8	9	10A	10B
CHANGE TO		Ø /	Ø /	2+6				Ø /	Ø /	2+6	
ILLINOIS ROUTE 47, NEAR RIGHT, RIGHT AND MID MAST ARM SIGNALS	N/B	R	R	R	R	R	R	G	G	G	G
ILLINOIS ROUTE 47, FAR LEFT AND END MAST ARM SIGNALS	N/B	←R	←R	←R	←R	←R	←R	←G	←G	←Y	←R
ILLINOIS ROUTE 47, NORTH OF TRACK RIGHT LOW MOUNT AND TWO RIGHT CANTILEVER SIGNALS	S/B	G	G	G	G	G	G	R	R	R	R
ILLINOIS ROUTE 47, NORTH OF TRACK MEDIAN LOW MOUNT AND TWO MEDIAN CANTILEVER SIGNALS	S/B	←G	←G	←Y	←R	←R	←R	←R	←R	←R	←R
ILLINOIS ROUTE 47, SOUTH OF TRACK NEAR RIGHT, RIGHT AND MID MAST ARM SIGNALS	S/B	G	G	G	G	G	G	R	R	R	R
ILLINOIS ROUTE 47, SOUTH OF TRACK FAR LEFT AND END MAST ARM SIGNALS	S/B	←G	←G	←G	←G	←Y	←R	←R	←R	←R	←R
MAIN STREET, RIGHT AND MID MAST ARM SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R
MAIN STREET FAR LEFT AND END MAST ARM SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R
MAIN STREET, EAST OF TRACK RIGHT LOW MOUNT, MEDIAN LOW MOUNT AND CANTILEVER SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R
MAIN STREET, WEST OF TRACK RIGHT AND MID MAST ARM SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R
MAIN STREET, WEST OF TRACK FAR LEFT AND END MAST ARM SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R
PEDESTRIAN SIGNALS CROSSING MAIN STREET, ON EAST SIDE OF ILLINOIS ROUTE 47.		H	H	H	H	H	H	*P	**FH	H	H
PEDESTRIAN SIGNALS CROSSING MAIN STREET, ON WEST SIDE OF ILLINOIS ROUTE 47.		*P	**FH	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 47, ON NORTH SIDE OF MAIN STREET.		H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 47, ON SOUTH SIDE OF MAIN STREET.		H	H	H	H	H	H	H	H	H	H

MOVEMENT	Dir.												
PHASE		2 + 6											
INTERVAL		11	12	13A	13B	13C	13D	14A	14B	15A	15B	15C	15D
CHANGE TO		/	/	3, 4 1+5				1+6		2+5			
ILLINOIS ROUTE 47, NEAR RIGHT, RIGHT AND MID MAST ARM SIGNALS	N/B	G	G	Y	R	R	R	Y	R	G	G	G	G
ILLINOIS ROUTE 47, FAR LEFT AND END MAST ARM SIGNALS	N/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
ILLINOIS ROUTE 47, NORTH OF TRACK RIGHT LOW MOUNT AND TWO RIGHT CANTILEVER SIGNALS	S/B	G	G	Y	R	R	R	G	G	Y	R	R	R
ILLINOIS ROUTE 47, NORTH OF TRACK MEDIAN LOW MOUNT AND TWO MEDIAN CANTILEVER SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
ILLINOIS ROUTE 47, SOUTH OF TRACK NEAR RIGHT, RIGHT AND MID MAST ARM SIGNALS	S/B	G	G	G	G	Y	R	G	G	G	G	Y	R
ILLINOIS ROUTE 47, SOUTH OF TRACK FAR LEFT AND END MAST ARM SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
MAIN STREET, RIGHT AND MID MAST ARM SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET FAR LEFT AND END MAST ARM SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET, EAST OF TRACK RIGHT LOW MOUNT, MEDIAN LOW MOUNT AND CANTILEVER SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET, WEST OF TRACK RIGHT AND MID MAST ARM SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R
MAIN STREET, WEST OF TRACK FAR LEFT AND END MAST ARM SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R
PEDESTRIAN SIGNALS CROSSING MAIN STREET, ON EAST SIDE OF ILLINOIS ROUTE 47.		*P	**FH	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING MAIN STREET, ON WEST SIDE OF ILLINOIS ROUTE 47.		*P	**FH	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 47, ON NORTH SIDE OF MAIN STREET.		H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 47, ON SOUTH SIDE OF MAIN STREET.		H	H	H	H	H	H	H	H	H	H	H	H

MOVEMENT	Dir.											
PHASE		3				4						FLASH
INTERVAL		16	17	18A	18B	19	20	21A	21B	21C	21D	
CHANGE TO		/	/	4 1+5 1+6 2+5 2+6		/	/	1+5 1+6 2+5 2+6				
ILLINOIS ROUTE 47, NEAR RIGHT, RIGHT AND MID MAST ARM SIGNALS	N/B	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 47, FAR LEFT AND END MAST ARM SIGNALS	N/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
ILLINOIS ROUTE 47, NORTH OF TRACK RIGHT LOW MOUNT AND TWO RIGHT CANTILEVER SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 47, NORTH OF TRACK MEDIAN LOW MOUNT AND TWO MEDIAN CANTILEVER SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
ILLINOIS ROUTE 47, SOUTH OF TRACK NEAR RIGHT, RIGHT AND MID MAST ARM SIGNALS	S/B	R	R	R	R	R	R	R	R	R	R	R
ILLINOIS ROUTE 47, SOUTH OF TRACK FAR LEFT AND END MAST ARM SIGNALS	S/B	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R	←R
MAIN STREET, RIGHT AND MID MAST ARM SIGNALS	E/B	G	G	Y	R	R	R	R	R	R	R	R
MAIN STREET FAR LEFT AND END MAST ARM SIGNALS	E/B	G ←G	G ←G	Y	R	R	R	R	R	R	R	R
MAIN STREET, EAST OF TRACK RIGHT LOW MOUNT, MEDIAN LOW MOUNT AND CANTILEVER SIGNALS	W/B	R	R	R	R	G	G	Y	R	R	R	R
MAIN STREET, WEST OF TRACK RIGHT AND MID MAST ARM SIGNALS	W/B	R	R	R	R	G	G	G	G	Y	R	R
MAIN STREET, WEST OF TRACK FAR LEFT AND END MAST ARM SIGNALS	W/B	R	R	R	R	G ←G	G ←G	G ←G	G ←G	Y	R	R
PEDESTRIAN SIGNALS CROSSING MAIN STREET, ON EAST SIDE OF ILLINOIS ROUTE 47.		H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING MAIN STREET, ON WEST SIDE OF ILLINOIS ROUTE 47.		H	H	H	H	H	H	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 47, ON NORTH SIDE OF MAIN STREET.		H	H	H	H	*P	**FH	H	H	H	H	DARK
PEDESTRIAN SIGNALS CROSSING ILLINOIS ROUTE 47, ON SOUTH SIDE OF MAIN STREET.		*P	**FH	H	H	H	H	H	H	H	H	DARK

PHASE 2+6 SHALL BE PLACED ON RECALL

* TO APPEAR ONLY UPON PUSH-BUTTON ACTUATION.
** FLASHING [hand symbol] IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.

Ø THIS " [walk symbol] " OR FLASHING " [hand symbol] " INTERVAL MAY FINISH TIMING IN THE BI-DIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE " [walk symbol] " OR FLASHING " [hand symbol] " INTERVALS. " [walk symbol] " AND " [hand symbol] " TIMINGS TO BE SET ONLY ON THE PHASES WHERE " [walk symbol] " AND FLASHING " [hand symbol] " ARE INDICATED IN THE SEQUENCE OF OPERATION.

P = ILLUMINATED PERSON = WALK
FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
H = ILLUMINATED SOLID HAND = DON'T WALK

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

GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60631 TEL. (773) 774-5910

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SEQUENCE OF OPERATION
ILLINOIS ROUTE 47
AT MAIN STREET

SCALE: NONE
DATE: APRIL 17, 2009
DRAWN BY: MAA
DESIGNED BY: PKG/RRM
CHECKED BY: PKG/RRM

...*122_25C-IL47@ MAIN_SEC_OF_Chrt.dgn
4/24/2009
9:05:05 PM

PLOT DATE = Wednesday, August 05, 2009
FILE NAME = S:\11-CADD\01-sht\294_t27.dgn
PLOT SCALE = 1:1
USER NAME = 3830