

THE CONTRACTOR SHALL FURNISH AND INSTALL A FLASHING BEACON ASSEMBLY AS SHOWN IN THE DETAIL.

THE FLASHING BEACON LED MODULE SHALL BE 12V DC AND SHALL BE CONNECTED TO THE EXISTING EQUIPMENT CABINET AT IL 116 & NATIONAL ST.

THE CONTRACTOR SHALL PERFORM THE FOLLOWING WORK:

- FURNISH AND INSTALL FLASHING BEACON POST AND SCREW IN FOUNDATION AS SHOWN IN THE DETAIL
- EXTEND THE EXISTING CONDUIT INTO THE PROPOSED SIGNAL POST BASE
- FURNISH AND INSTALL #14 3/C CABLE FROM THE SIGNAL HEAD TO THE EQUIPMENT CABINET
- INSTALL 6" DIN RAIL SECTION INSIDE EXISTING EQUIPMENT CABINET FOR EQUIPMENT MOUNTING
- FURNISH AND INSTALL ONE INDUSTRIAL 10 WATT DC POWER SUPPLY (ANTAIRA MDR-10-12) AND ONE DC POWERED FLASHER MODULE (LIGHT TO GO INC. AFDC2 ALTERNATING FLASHER) INSIDE CONTROLLER CABINET AND CONNECT FLASHING BEACON TO FLASHER CIRCUIT
- FURNISH HARDWARE, BRACKETING, WIRING, AND ALL OTHER ITEMS REQUIRED TO INSTALL THE PROPOSED FLASHING BEACON AND DC FLASHER CIRCUIT INSIDE THE EXISTING EQUIPMENT CABINET.
- IDOT WILL INTEGRATE PROPOSED FLASHING BEACON INTO ITS SYSTEM

THIS WORK SHALL BE PAID FOR AS "RADIO ACTIVATE SOLAR ADVANCE FLASHING BEACON SYSTEM (COMPLETE).



MODEL: Default  
FILE NAME: S:\CEN\W\W030523\SP\AM\hanson\# 68H18 - D4 ITS System 2023-1\68H18 - D4 ITS System 2023-1 (Revised 9-15-22).dgn

USER NAME = eric.howard	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 23.8272' / in.	CHECKED -	REVISOR -
PLOT DATE = 9/15/2022	DATE -	REVISOR -

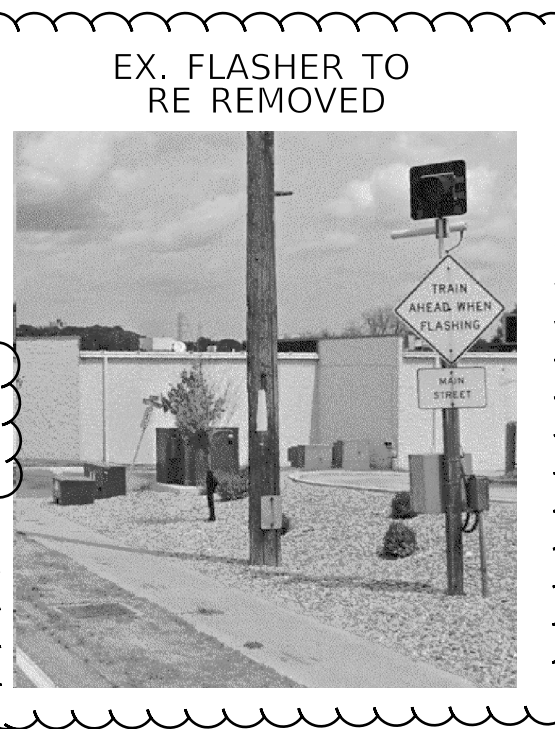
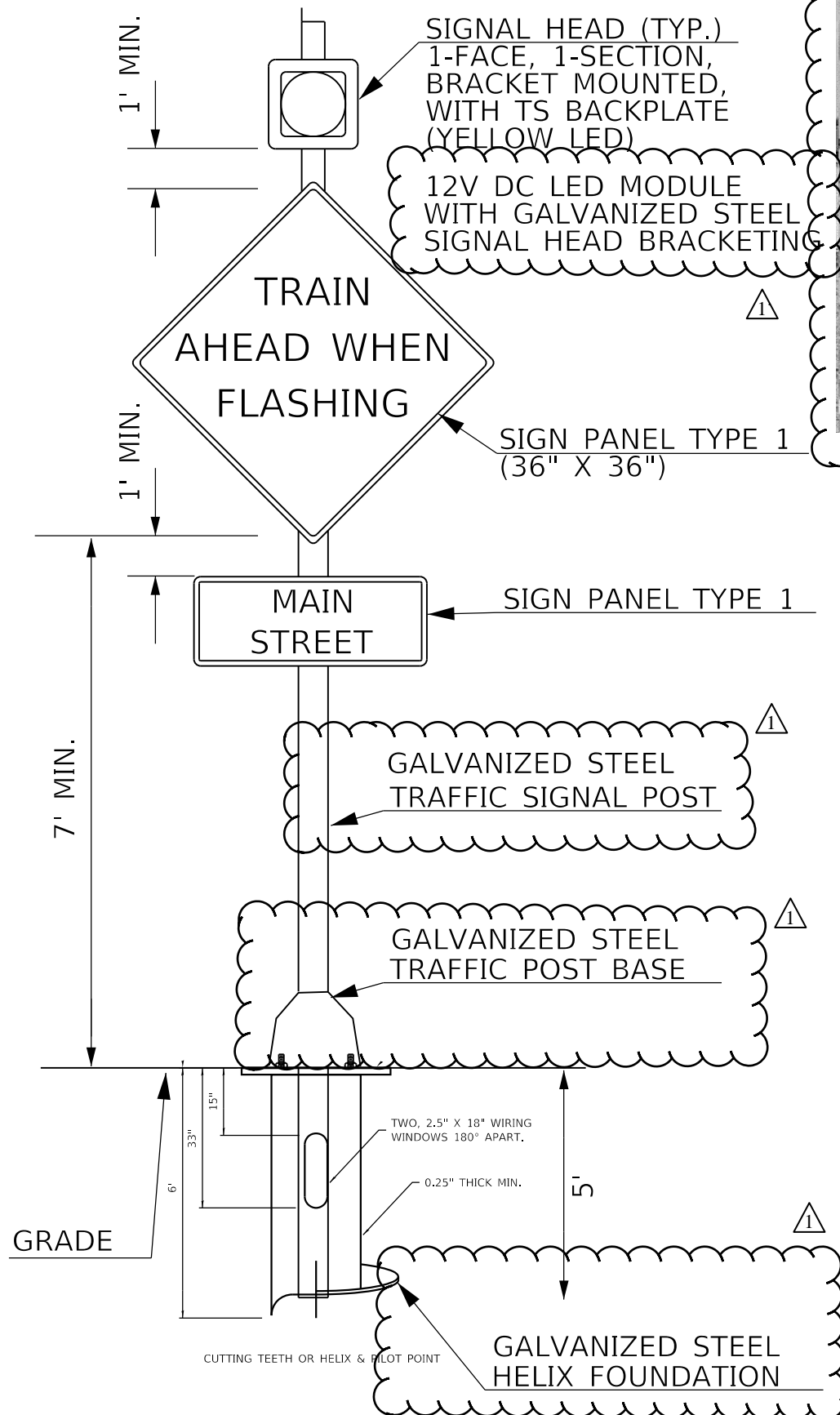
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FLASHING BEACON SYSTEM DETAIL  
IL 116 (MAIN ST.) & NATIONAL ST. - EAST PEORIA

SCALE: SHEET OF SHEETS TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ITS SYSTEM 2023-1	VARIOUS	22	18
			CONTRACT NO. 68H18	
ILLINOIS FED. AID PROJECT				

NOT TO SCALE



THE CONTRACTOR SHALL FURNISH AND INSTALL A FLASHING BEACON ASSEMBLY AS SHOWN IN THE DETAIL.

THE FLASHING BEACON LED MODULE SHALL BE 12V DC AND SHALL BE CONNECTED TO THE EXISTING TRAFFIC SIGNAL CABINET AT IL 116 & KROGERS/GOLD ST.

THE CONTRACTOR SHALL PERFORM THE FOLLOWING WORK:

- REMOVE EXISTING FLASHING BEACON ASSEMBLY COMPLETE AND DELIVER CONTROLLER CABINET TO IDOT TRAFFIC BUILDING LOCATED AT 1025 W DETWEILLER DR., PEORIA IL. THE CONTRACTOR SHALL RELOCATE THE EXISTING RADIO ANTENNA TO THE MAST ARM STRAIN POLE FOR SB IL 116 AND RELOCATE THE RADIO EQUIPMENT TO THE EXISTING SIGNAL CABINET AT IL 116 & KROGER/GOLD ST. DISPOSE OF ALL OTHER ITEMS OFF OF ROW.
- COORDINATE WITH AMEREN TO DISCONNECT EXISTING ELECTRICAL SERVICE
- REMOVE EXISTING ELECTRIC SERVICE COMPONENTS (DISCONNECT, CONDUIT, WIRING, ETC.) AND DISPOSE OFF OF ROW
- FURNISH AND INSTALL FLASHING BEACON POST AND SCREW IN FOUNDATION AS SHOWN IN THE DETAIL
- DRILL EX. HANHOLE AND FURNISH AND INSTALL 1-1/4" PVC CONDUIT FROM POST FOUNDATION TO EX. HANDHOLE
- FURNISH AND INSTALL #14 3/C CABLE FROM THE SIGNAL HEAD TO THE EXISTING TRAFFIC SIGNAL CABINET AT IL 116 (MAIN ST.) & KROGER/GOLD ST.
- INSTALL 6" DIN RAIL INSIDE EXISTING EQUIPMENT CABINET FOR EQUIPMENT MOUNTING
- FURNISH AND INSTALL ONE INDUSTRIAL 10 WATT DC POWER SUPPLY (ANTAIRA MDR-10-12) AND ONE DC POWERED FLASHER MODULE (LIGHT TO GO INC. AFDC2 ALTERNATING FLASHER) INSIDE CONTROLLER CABINET AND CONNECT FLASHING BEACON TO FLASHER CIRCUIT
- FURNISH HARDWARE, BRACKETING, WIRING, AND ALL OTHER ITEMS REQUIRED TO INSTALL THE PROPOSED FLASHING BEACON AND DC FLASHER CIRCUIT INSIDE THE EXISTING TRAFFIC SIGNAL CABINET AND RELOCATE THE EXISTING RADIO TRANSMITTER AND ANTENNA
- IDOT WILL INTEGRATE PROPOSED FLASHING BEACON INTO ITS SYSTEM

THIS WORK SHALL BE PAID FOR AS "RADIO ACTIVATE SOLAR ADVANCE FLASHING BEACON SYSTEM (COMPLETE)".



MODEL: SMOBELNAMES  
FILE: SMOBELNAMES\_STYLES

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = \$SCALES	DRAWN -	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FLASHING BEACON SYSTEM DETAIL  
IL 116 (MAIN ST.) & JOHNSON ST. - EAST PEORIA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ITS SYSTEM 2023-1	VARIOUS	22	19
			CONTRACT NO. 68H18	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

NOT TO SCALE