CONTRACT NO.: 83943

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	96-00159-00-CH	KANE	70	33
STA. 96+50		TO STA.130+25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

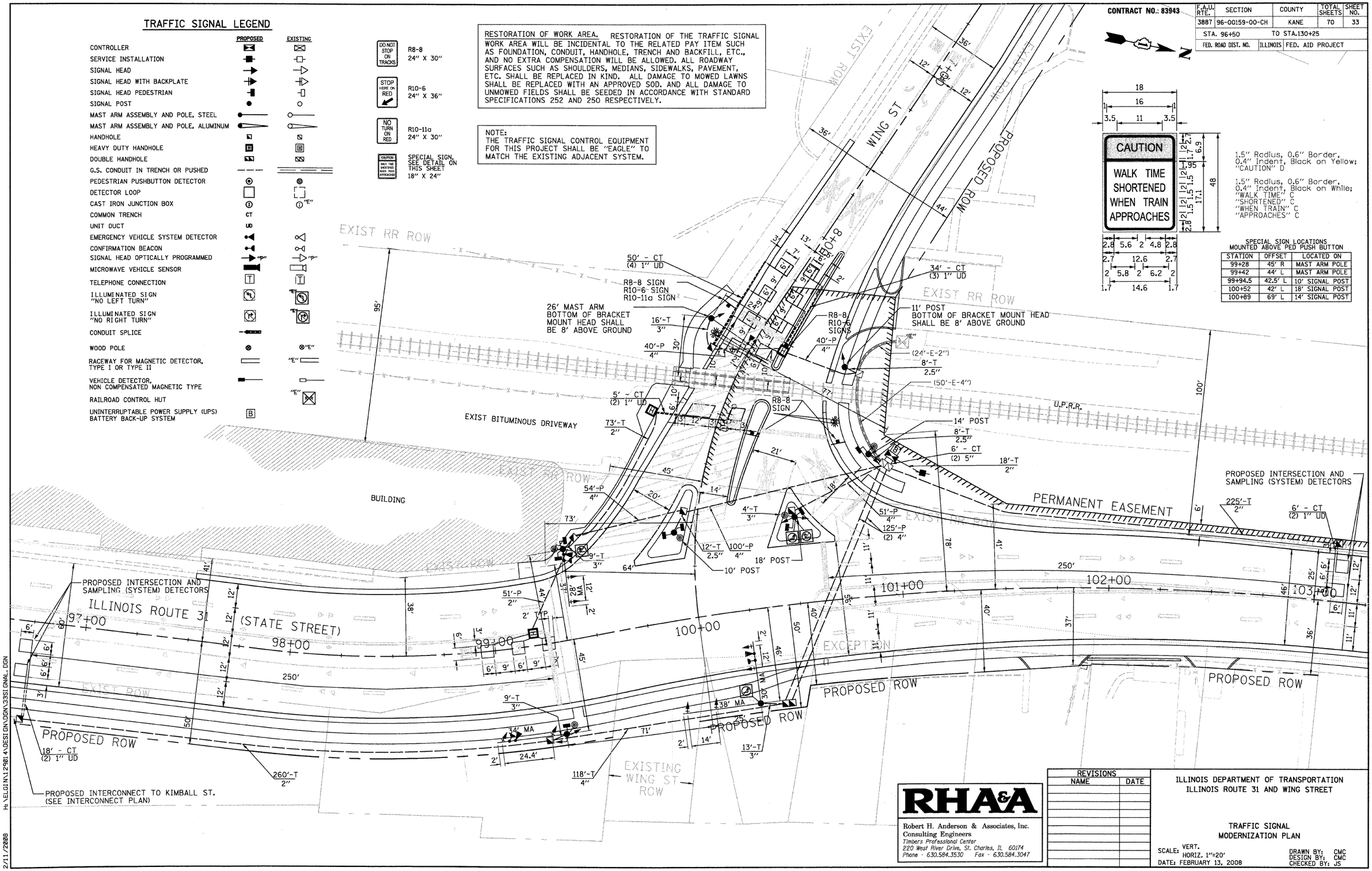
TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINUM		
HANDHOLE		
HEAVY DUTY HANDHOLE	HH	HH
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		"E"
COMMON TRENCH	CT	
UNIT DUCT	UD	
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED	"P"	"P"
MICROWAVE VEHICLE SENSOR		
TELEPHONE CONNECTION	T	T
ILLUMINATED SIGN "NO LEFT TURN"		"E"
ILLUMINATED SIGN "NO RIGHT TURN"		"E"
CONDUIT SPLICE		
WOOD POLE		"E"
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		"E"
RAILROAD CONTROL HUT		
UNINTERRUPTABLE POWER SUPPLY (UPS) BATTERY BACK-UP SYSTEM	B	

DO NOT STOP ON TRACKS	R8-8 24" X 30"
STOP HERE ON RED	R10-6 24" X 36"
NO TURN ON RED	R10-11a 24" X 30"
CAUTION WALK TIME SHORTENED WHEN TRAIN APPROACHES	SPECIAL SIGN, SEE DETAIL ON THIS SHEET 18" X 24"

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD. AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

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



1.5" Radius, 0.6" Border, 0.4" Indent, Black on Yellow; "CAUTION" D

1.5" Radius, 0.6" Border, 0.4" Indent, Black on White; "WALK TIME" C "SHORTENED" C "WHEN TRAIN" C "APPROACHES" C

SPECIAL SIGN LOCATIONS MOUNTED ABOVE PED PUSH BUTTON

STATION	OFFSET	LOCATED ON
99+28	45' R	MAST ARM POLE
99+42	44' L	MAST ARM POLE
99+94.5	42.5' L	10' SIGNAL POST
100+52	42' L	18' SIGNAL POST
100+89	69' L	14' SIGNAL POST

RHA&A
Robert H. Anderson & Associates, Inc.
Consulting Engineers
Timbers Professional Center
220 West River Drive, St. Charles, IL 60174
Phone - 630.584.3530 Fax - 630.584.3047

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 31 AND WING STREET

TRAFFIC SIGNAL MODERNIZATION PLAN

SCALE: VERT. HORIZ. 1"=20'
DATE: FEBRUARY 13, 2008
DRAWN BY: CMC
DESIGN BY: CMC
CHECKED BY: JS

H:\ELGIN\12901\DESIGN\DGN\33SIGNAL.DGN
2/11/2008