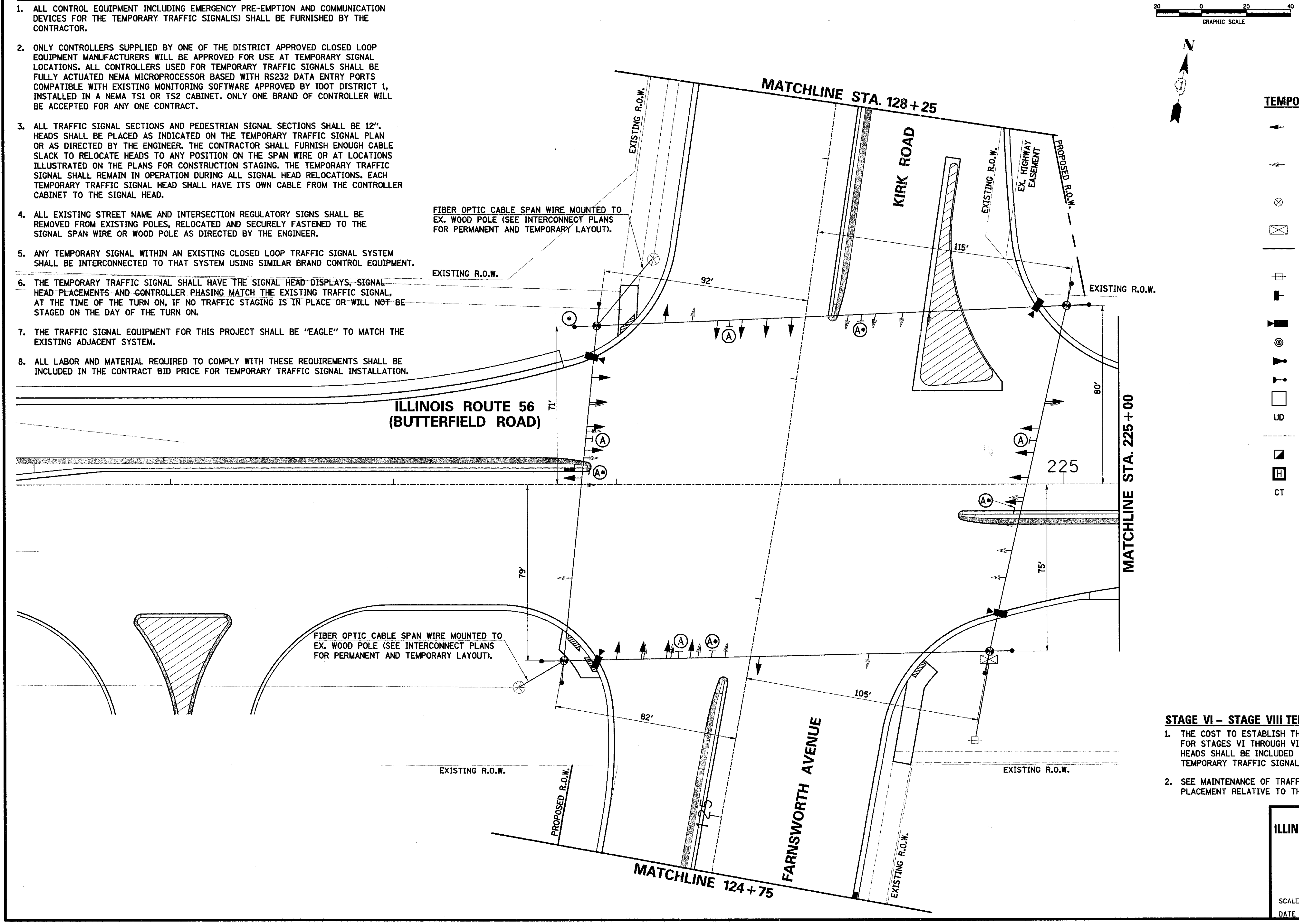
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	01-00273-00-CH	KANE	172	94
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83906

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. THE TRAFFIC SIGNAL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.
8. ALL LABOR AND MATERIAL REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.


20
0
20
40
GRAPHIC SCALE
N
MATCHLINE STA. 128+25
KIRK ROAD
EXISTING R.O.W.
EXISTING R.O.W.
EX. HIGHWAY EASEMENT
PROPOSED R.O.W.
FIBER OPTIC CABLE SPAN WIRE MOUNTED TO EX. WOOD POLE (SEE INTERCONNECT PLANS FOR PERMANENT AND TEMPORARY LAYOUT).
EXISTING R.O.W.
EXISTING R.O.W.
92'
115'
80'
71'
ILLINOIS ROUTE 56
(BUTTERFIELD ROAD)
A
A•
225
MATCHLINE STA. 225+00
79'
75'
FIBER OPTIC CABLE SPAN WIRE MOUNTED TO EX. WOOD POLE (SEE INTERCONNECT PLANS FOR PERMANENT AND TEMPORARY LAYOUT).
82'
105'
EXISTING R.O.W.
EXISTING R.O.W.
PROPOSED R.O.W.
125
FARNSWORTH AVENUE
EXISTING R.O.W.
MATCHLINE 124+75

TEMPORARY TRAFFIC SIGNAL LEGEND

◄─	TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
◄─	TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
⊗	TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
☒	TEMPORARY CONTROLLER CABINET
──	TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
─□─	TEMPORARY SERVICE INSTALLATION
▮─	TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
►■	VIDEO DETECTION CAMERA
◎	PEDESTRIAN PUSHBUTTON DETECTOR
►●	EMERGENCY VEHICLE LIGHT DETECTOR
►●	CONFIRMATION BEACON
☐	VEHICLE DETECTOR, INDUCTION LOOP
UD	UNIT DUCT
------	G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
◪	HANDHOLE
H	HEAVY DUTY HANDHOLE
CT	COMMON TRENCH

Ⓐ

• SECONDARY LOCATION

LEFT ON
GREEN
ARROW
ONLY

R10-5-2430
4 REQUIRED

STAGE VI – STAGE VIII TEMPORARY TRAFFIC SIGNAL NOTES

1. THE COST TO ESTABLISH THE TEMPORARY TRAFFIC SIGNAL INSTALLATION FOR STAGES VI THROUGH VIII INCLUDING THE RELOCATION OF ALL SIGNAL HEADS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
2. SEE MAINTENANCE OF TRAFFIC PLANS FOR TEMPORARY SIGNAL HEAD PLACEMENT RELATIVE TO THE WORK ZONE PAVEMENT MARKING.

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 56 AT KIRK / FARNSWORTH

TEMPORARY TRAFFIC SIGNAL
INSTALLATION PLAN
STAGES VIA – VIII

SCALE: VERT. N/A
HORIZ. 1"=20'
DATE APR 06 2007
DRAWN BY BAH
CHECKED BY APS

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTAT'NS CH'KD		

4/9/2007