SCALE
10 0 10 20 30 40 50
FEET

N

EXISTING INTERCONNECT TO I-88 RAMP A&B
REMOVE EXISTING 12MM FIBER OPTICE CABLE AND TRACER CABLE
INSTALL NEW 12SM/12MM FIBER OPTIC CABLE (1200')
INSTALL NEW TRACER CABLE (1200')

(2) 4" - E - 5'

INSTALL UNINTERRUPTIBLE POWER SUPPLY (SPECIAL KDOT)
ON EXISTING FOUNDATION

INSTALL NEW FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
INSTALL MANAGED ETHERNET SWITCH, TYPE 1
SEE FIBER DRAWINGS FOR SPLICE/TERMINATION DETAILS

EXISTING R.O.W.

EXISTING R.O.W.

107+00

3" - E - 54'

3" - E - 35'

3" - E - 67'

106+00

3" - E - 58'

2 1/2" - E - 40'

2 1/2" - E - 22'

3" - E - 115'

INSTALL NEW CAMERA MOUNTING ASSEMBLY

105+00

I-88 RAMP C&D

ORCHARD RD.

104+00

EXISTING R.O.W.

EXISTING R.O.W.

2 1/2" - E - 5'

INSTALL NEW CCTV CAMERA ON
NEW CAMERA MOUNTING ASSEMBLY

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR
THIS PROJECT SHALL BE SIEMENS EAGLE
COMPATIBLE IN COMPLIANCE WITH THE
COUNTY'S EXISTING ATMS.

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT   EACH   1

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR
AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY
AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED
EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1	EACH	TRAFFIC SIGNAL CABINET AND CONTROLLER (COMPLETE)
1	EACH	FIBER OPTIC PATCH PANEL (COMPLETE)
1	EACH	MALFUNCTION MANAGEMENT UNIT (COMPLETE)

USER NAME = JM	DESIGNED - DG	REVISED -
	DRAWN - JM/SM	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - DG	REVISED -
PLOT DATE = 12-21-2010	DATE - 12-21-2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
ORCHARD RD. & I-88 (EB EXIT/ENTRANCE RAMP)

SCALE: 1" = 20'	SHEET NO.	OF	SHEETS	STA.		TO STA.

F.A.P	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	09-00272-01-TL	KANE	68	24

CONTRACT NO. 63540

INT-10   ILLINOIS FED. AID PROJECT