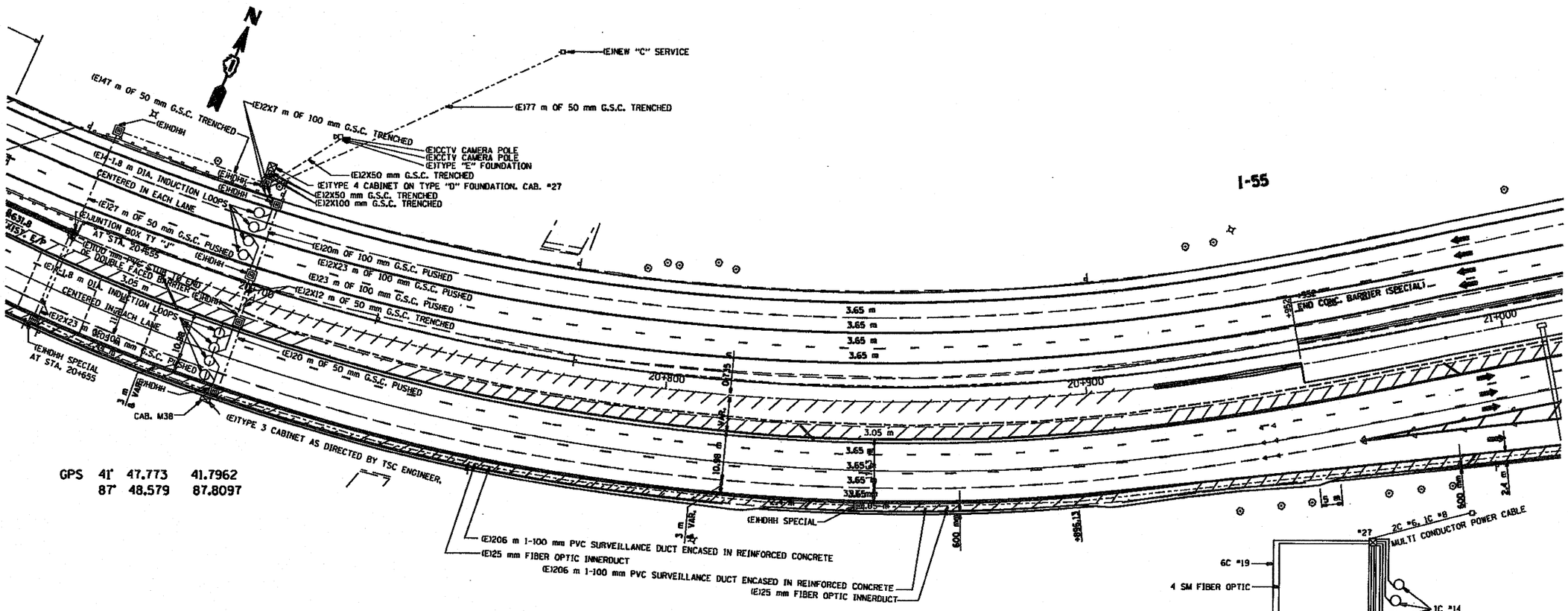
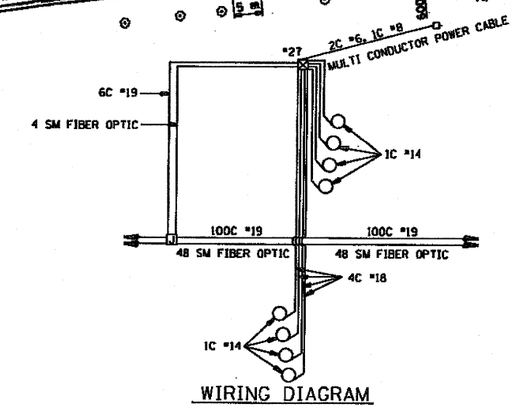
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
65		Cook	103	100
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





WIRING DIAGRAM

SYMBOL	LEGEND
▭	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
-O-	TELEPHONE SERVICE
	SERVICE INSTALLATION
	JUNCTION BOX
	HEAVY DUTY HAND HOLE
— —	POLYETHYLENE DUCT
— - -	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE

NOTES:

1.- ALL J-BOXES SHALL FACE SOUTH LOCATED IN MEDIAN PARAPET OF EB LANES.
2.- JUNCTION BOXES TYPE "J" SHALL BE INSTALLED PER PLAN AND AT 457 m (1500') INTERVALS MINIMUM.
3.- CONTACT TSC ENGINEER PRIOR TO REMOVAL OF EXISTING CABINETS (708)524-2145.
4.- 100C #19 TELECOMMUNICATION CABLE SHALL ONLY BE SPLICED IN BARRIER WALL JUNCTION BOXES OR IN SURVEILLANCE CABINETS. IN AREAS WHERE CONDUITS RUN THROUGH EB RIGHT SHOULDER AND HEAVY DUTY HAND HOLE SPECIALS 100C #19 CABLES SHALL BE PULLED CONTINUOUS FROM CABINET TO CABINET. NO SPLICES WILL BE ALLOWED IN HAND HOLES.
5.- 48 SM FIBER OPTIC CABLE SHALL BE ORDERED AND PULLED IN MAXIMUM CABLE LENGTHS. ONLY SELECTIVE MIDSPAN CABLE SPLICES SHALL BE ALLOWED BETWEEN 48 SM FIBER AND 4 SM FIBER CABLES.
6.- FINAL CCTV LOCATIONS SHALL BE DETERMINED BY BUCKET SURVEY. LOCATIONS SHOWN ON PLANS ARE FOR INFORMATION ONLY. FINAL LOCATIONS MAY VARY FROM LOCATIONS SHOWN.
7.- CABINET FOUNDATION/HDHH CABINET PAD SHALL BE A MONOLITHIC POUR.
8.- CONTRACTOR SHALL CONTACT TSC ENGINEER PRIOR TO INDUCTION LOOP REPLACEMENT (708)524-2145.
9.- WHERE 100 mm PVC ENCASED IN REINFORCED CONCRETE CROSSES MEDIAN, CONDUIT ENCASEMENT SHALL BE 1m (36") DEPTH MINIMUM.
10.- HEAVY DUTY HAND HOLE SPECIALS SHALL BE INSTALLED PER PLAN AND AT 365 m (1200') INTERVALS MINIMUM.

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

24

SCALE: 1:500 DRAWN BY G.M.
DATE 3-99 CHECKED BY D.L.

RQ:C:\PROJECTS\TSC 550PR-NE\METSHEE2.DGN
RF=P2169040.DGN

V1=

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