



WIRING DIAGRAM

NOTE: ALL LOOP LEAD-IN WIRE IS 2C-NO.14.

ESTIMATE OF QUANTITIES

40	LIN. FT.	INDUCTION LOOP
12	LIN. FT.	GALVS CON AT STZ
11	LIN. FT.	POLY DUCT 1/4"
8	LIN. FT.	POLY DUCT 2"
31	LIN. FT.	EL CBL C12 3C
11	LIN. FT.	EL CBL C19 6C
33	LIN. FT.	EL CBL C19 2C SHIELD
31	LIN. FT.	TRENCH & BACKFILL
1	EACH	IND LOOP DET. SEN UNIT
1	EACH	DIG LOOP DET. SEN UNIT 4 CHA
800	LIN. FT.	EL CBL C19 200C
1	EACH	FSK TONE OSCILLATOR 30-30
1	EACH	FSK TONE BAND PASS FILTER XF-10
1	EACH	FSK TONE DISCRIMINATOR 30-30
1	LIN. FT.	THPL. PVT MK LINE 8
1	LIN. FT.	THPL. PVT MK LINE 12
1	LIN. FT.	THPL. PVT MK LINE 18

10'-10"	10'-0"	10'-10"
2100	300	300

LEGEND

- ⊠ CABINET
- INDUCTION LOOP
- ⊞ JUNCTION BOX
- PULL POINT
- ⊕ HANDHOLE
- ⊞ SERVICE INSTALLATION
- ⊞ FLASHER
- DUCT
- CONDUIT
- - - FENCE
- (E) EXISTING

SUMMARY OF QUANTITIES (THIS SHEET)

DESCRIPTION	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	LF	276
INDUCTION LOOP	LF	204

NOTE:
 IDOT RECORD PLANS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXTENT OF WORK ASSOCIATED WITH REPLACEMENT OF INDUCTION LOOPS, LEAD-IN CABLE AND RELATED WORK.

PLAN
 NO SCALE

FILE NAME =	DESIGNED - GHT	REVISED -
...Signal\prp\In_ABC.C3.ta.06.dgn	DRAWN - DMS	REVISED -
USER NAME = tblank	CHECKED - MPM	REVISED -
PLOT DATE = 11/12/2009	DATE - 10/16/09	REVISED -

benesch

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE
 ASHLAND BLVD INSTALLATION**

SCALE: N.T.S. SHEET NO. 3 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2828B,D, ETC., 3031.1RS-6	COOK	185	143
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60653	