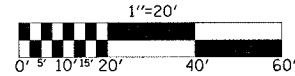
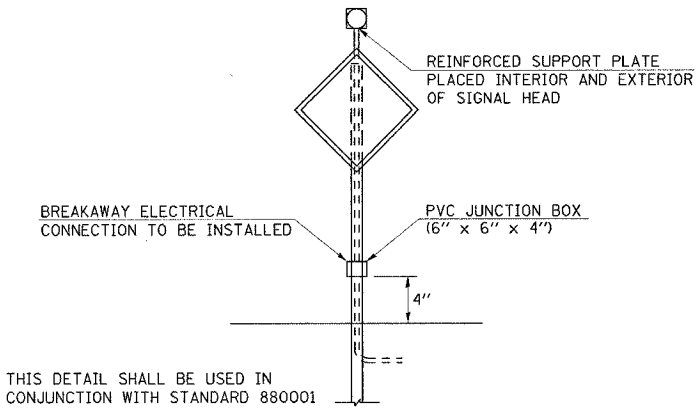


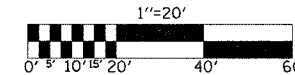
FLASHING BEACON MODERNIZATION FAP 91 (IL. ROUTE 16) & OAKLAND RD.



FLASHER & CABLE LAYOUT



POST MOUNTED FLASHING BEACON

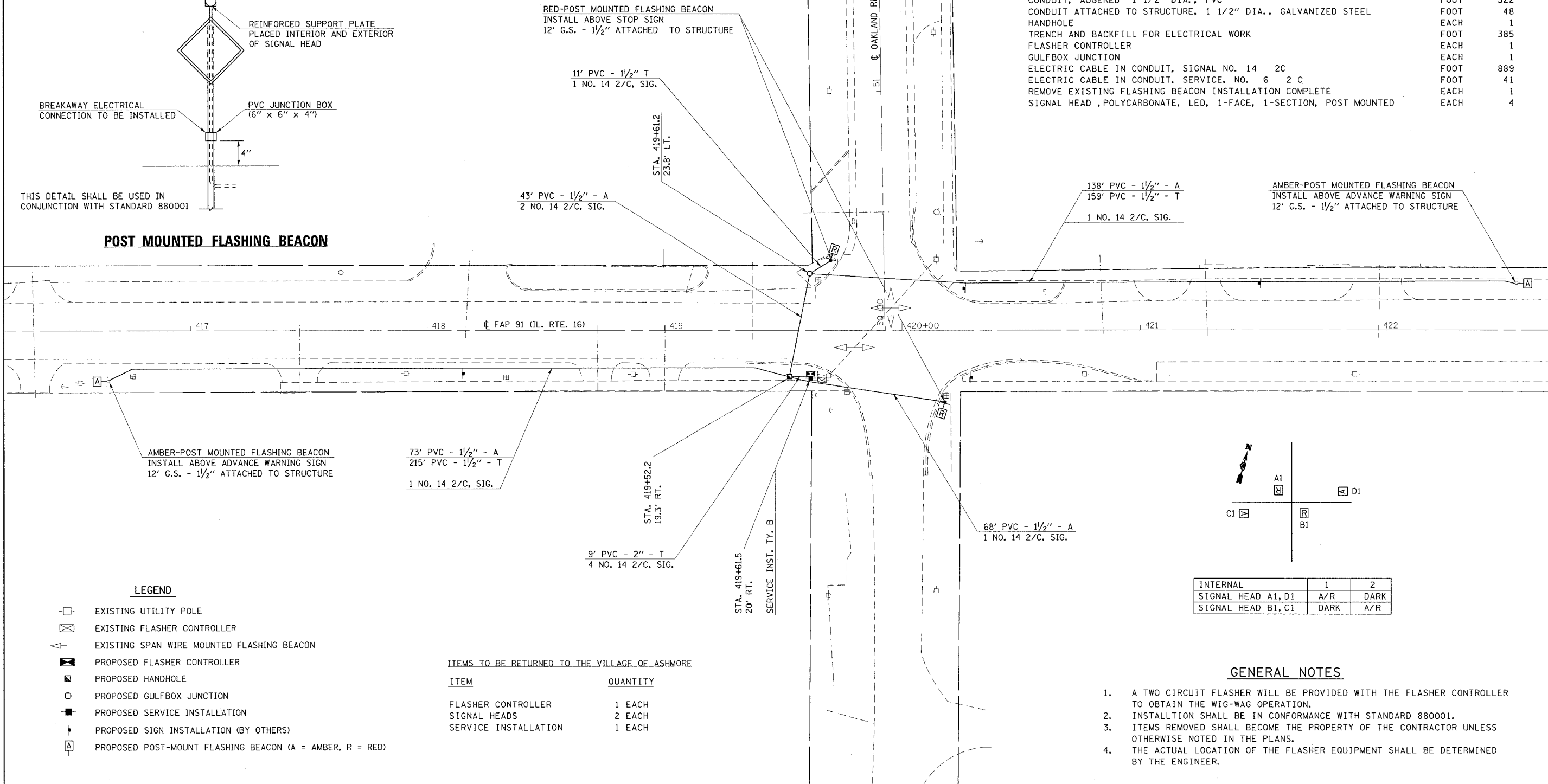


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	***	6	4

CONTRACT NO. 70439
 * FAP 91 & FAS 1707
 ** DS HES 2005-6
 *** COLES & CUMBERLAND

BILL OF MATERIALS FAP 91 (IL. ROUTE 16) & OAKLAND RD.

ITEM	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE B	EACH	1
WOOD POLE, 35 FT., CLASS 3	EACH	1
CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	385
CONDUIT, AUGERED 1 1/2" DIA., PVC	FOOT	322
CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	48
HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	385
FLASHER CONTROLLER	EACH	1
GULFBOX JUNCTION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	889
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	41
REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	4



AMBER-POST MOUNTED FLASHING BEACON
INSTALL ABOVE ADVANCE WARNING SIGN
12' G.S. - 1/2" ATTACHED TO STRUCTURE

43' PVC - 1/2" - A
2 NO. 14 2/C, SIG.

11' PVC - 1/2" T
1 NO. 14 2/C, SIG.

RED-POST MOUNTED FLASHING BEACON
INSTALL ABOVE STOP SIGN
12' G.S. - 1/2" ATTACHED TO STRUCTURE

138' PVC - 1/2" - A
159' PVC - 1/2" - T
1 NO. 14 2/C, SIG.

AMBER-POST MOUNTED FLASHING BEACON
INSTALL ABOVE ADVANCE WARNING SIGN
12' G.S. - 1/2" ATTACHED TO STRUCTURE

73' PVC - 1/2" - A
215' PVC - 1/2" - T
1 NO. 14 2/C, SIG.

9' PVC - 2" - T
4 NO. 14 2/C, SIG.

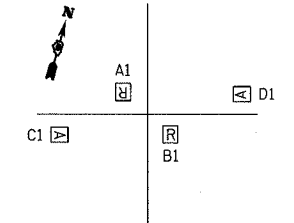
68' PVC - 1/2" - A
1 NO. 14 2/C, SIG.

LEGEND

- EXISTING UTILITY POLE
- ⊠ EXISTING FLASHER CONTROLLER
- ⊠ EXISTING SPAN WIRE MOUNTED FLASHING BEACON
- ⊠ PROPOSED FLASHER CONTROLLER
- ⊠ PROPOSED HANDHOLE
- PROPOSED GULFBOX JUNCTION
- PROPOSED SERVICE INSTALLATION
- ⊠ PROPOSED SIGN INSTALLATION (BY OTHERS)
- ⊠ PROPOSED POST-MOUNT FLASHING BEACON (A = AMBER, R = RED)

ITEMS TO BE RETURNED TO THE VILLAGE OF ASHMORE

ITEM	QUANTITY
FLASHER CONTROLLER	1 EACH
SIGNAL HEADS	2 EACH
SERVICE INSTALLATION	1 EACH



INTERNAL	1	2
SIGNAL HEAD A1, D1	A/R	DARK
SIGNAL HEAD B1, C1	DARK	A/R

GENERAL NOTES

1. A TWO CIRCUIT FLASHER WILL BE PROVIDED WITH THE FLASHER CONTROLLER TO OBTAIN THE WIG-WAG OPERATION.
2. INSTALLTION SHALL BE IN CONFORMANCE WITH STANDARD 880001.
3. ITEMS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED IN THE PLANS.
4. THE ACTUAL LOCATION OF THE FLASHER EQUIPMENT SHALL BE DETERMINED BY THE ENGINEER.