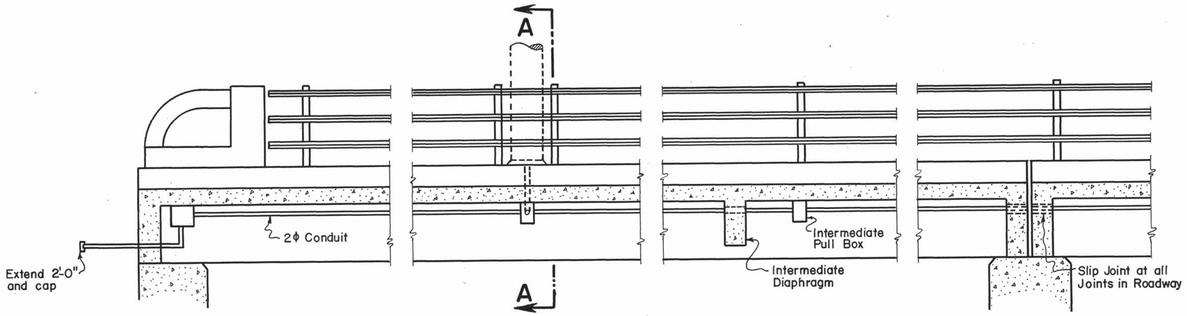
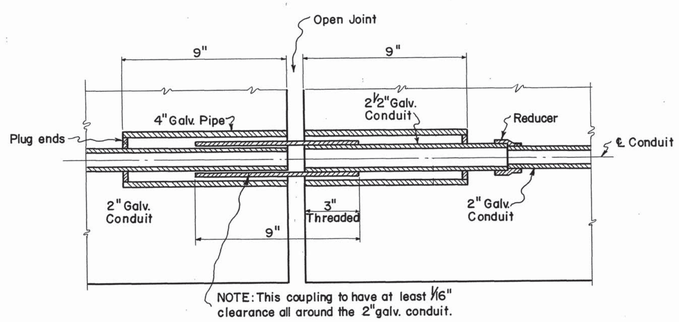
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	TENN.		19	78-A	145

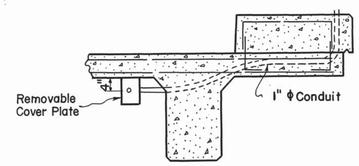
I-75-3(9)87



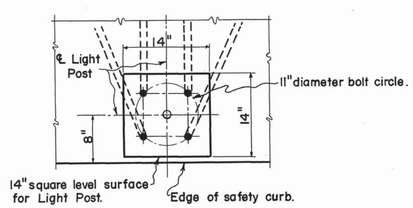
TYPICAL LONGITUDINAL SECTION

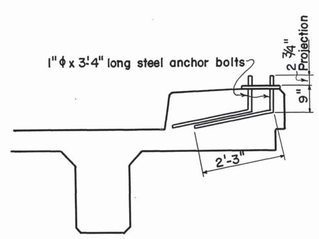


DETAILS OF SLIP JOINT

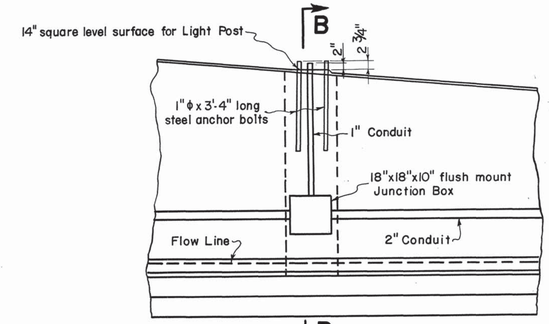


SECTION A-A

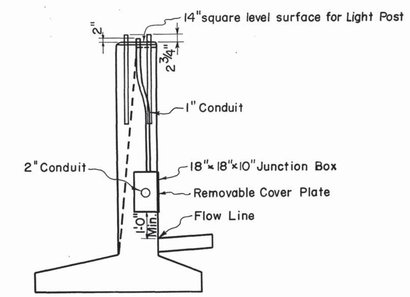




LIGHT POST ANCHOR BOLT DETAILS

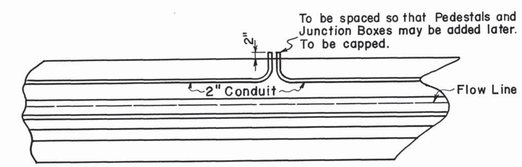


PART ELEVATION
For Post on Wall



SECTION B-B
For Post on Wall

LIGHTING DETAILS FOR RETAINING WALL
Details not shown same as for Bridges



ELEVATION
Showing Conduit Details at Sta. 12+10, 12+95 and 13+90

GENERAL NOTES

✱ JUNCTION BOXES: shall be made weatherproof with covers, gaskets and brass hex head cap screws. Boxes shall be drilled and tapped for conduit as required. Junction Boxes for Bridges shall be Surface Mount Type and for Retaining Wall shall be Flush Mount Type. ✱ To be cast iron with 1/4" min. wall thickness.

MAIN CONDUIT: shall be 2"φ I. D. galvanized steel. Conduit from light post to pull boxes shall be 1"φ I. D. galvanized rigid steel. Connectors to pull boxes to be reinforced with bushing and locknut. Conduit shall be secured to structure with hangers, approved and spaced by the Engineer. Hangers shall be of such materal as to prevent bi-metal action.

BILL OF MATERIAL

ITEM	State Route No. 9 over I-75	I-640 over I-75	I-640 over State Route No. 9	Retaining Wall	Totals
Junction Boxes 8"x10"x9½" (Each)	3	2	4	—	9
Junction Boxes 18"x18"x10" (Each)	1	3	4	4	12
Slip Joints (Each)	2	2	4	—	8
2"φ Galvanized Conduit (Lin. ft.)	297	185	394	900	1776 Lin.ft.
1"φ Galvanized Conduit (Lin. ft.)	12	200	100	40	342 Lin.ft.
1"φ x 3'-4" Steel Anchor Bolts (Each)	4	4	8	12	28
3"φ Galvanized Steel Sleeve (Lin. ft.)	18	5	40	—	63 Lin.ft.

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS
NASHVILLE

LIGHTING AND AUXILARY DETAILS FOR SHARPS GAP INTERCHANGE PROJECT I-75-3(9)87 KNOX COUNTY 1960

CORRECT Fred Greve — BRIDGE ENGINEER
APPROVED Earl Long — STATE HIGHWAY ENGINEER

H-12-62A

DESIGNED BY ____ DATE ____
DRAWN BY R. B. Omahundro DATE Oct. 27, 1960
TRACED BY R. B. Gentry & Paul Bain DATE Oct. 28, 1960
CHECKED BY ____ DATE ____

Revised: 11-14-60
Revised: 10-29-60

MICROFILMED