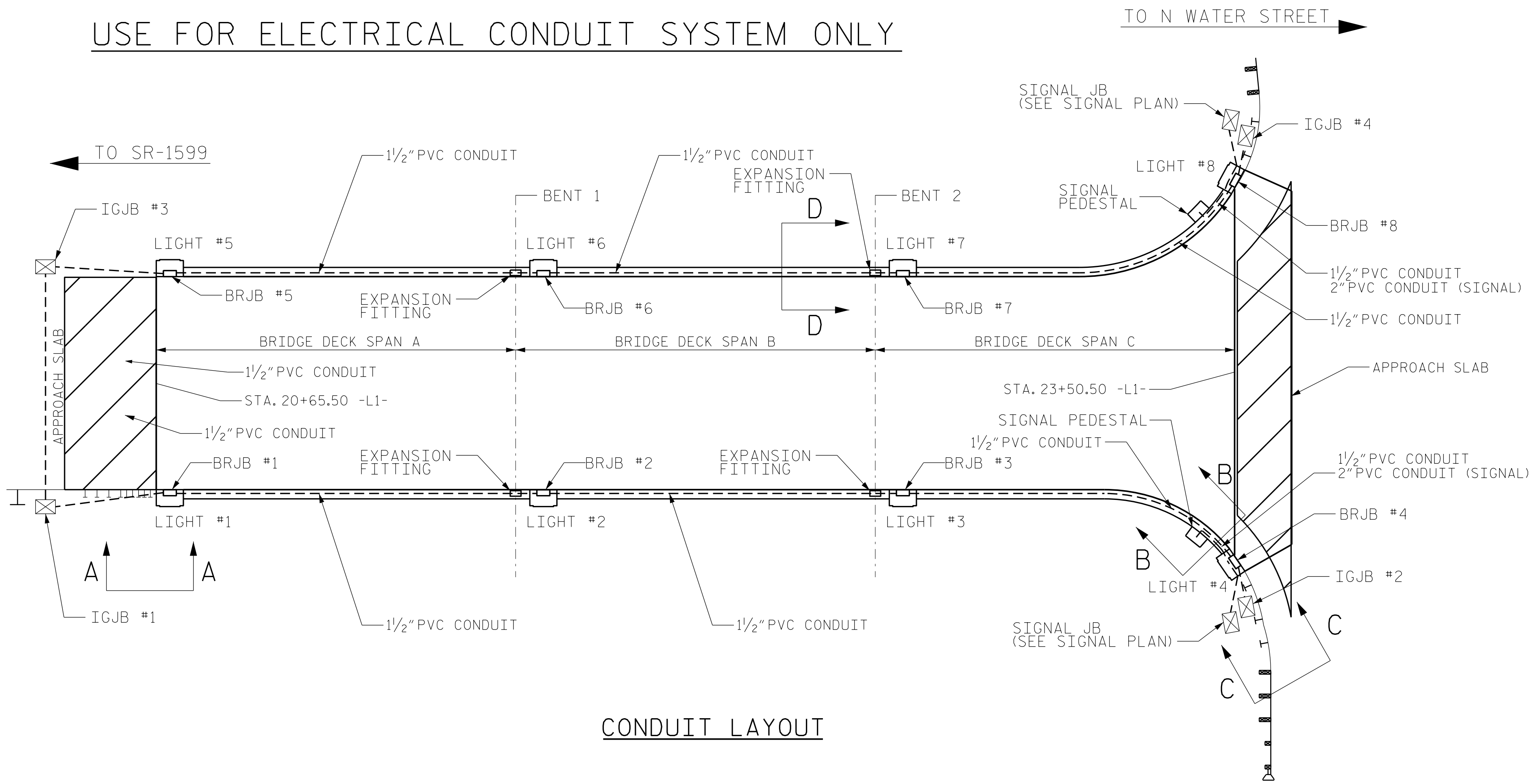


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Lighting Design\B-5985B-DRMP_Submittal\B5985B.LTG-Bridge-No..175.dgn
saved at: RD-5985B13

PROJECT REFERENCE NO.	SHEET NO.
B-5985B	E-1

USE FOR ELECTRICAL CONDUIT SYSTEM ONLY



CONDUIT LAYOUT

- NOTES
- 1

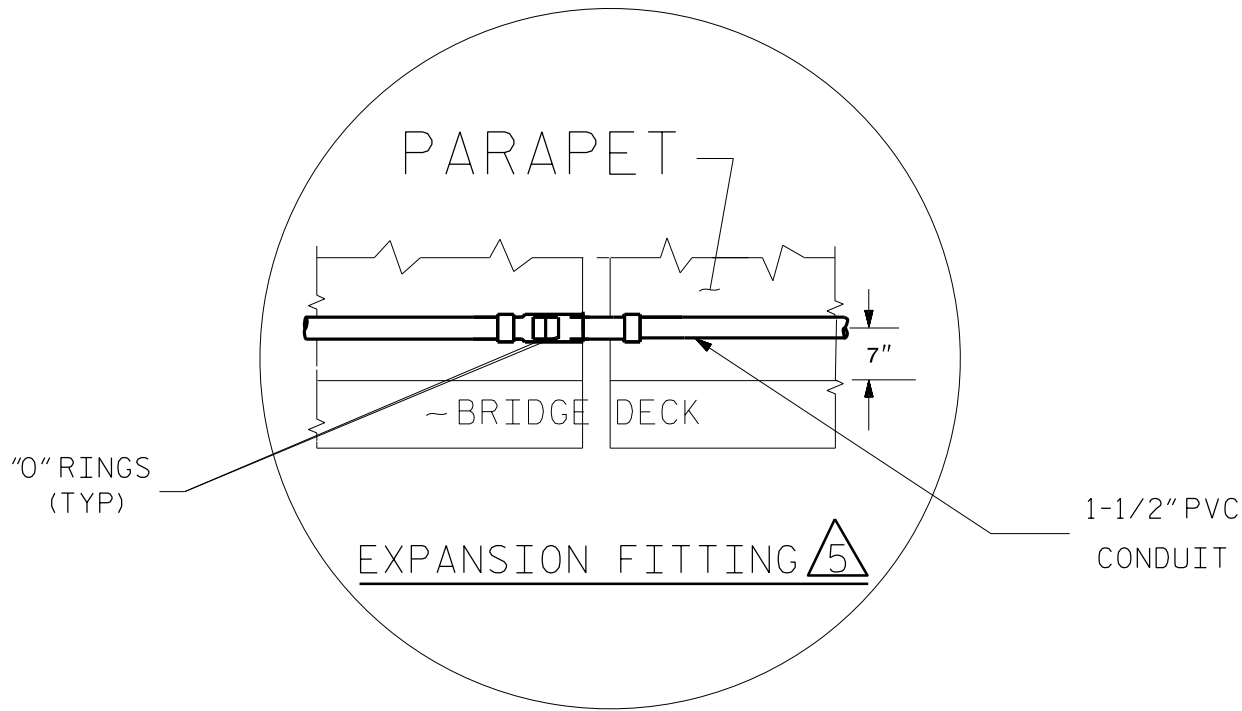
COORDINATE POWER SERVICE WITH THE CITY.
- 2

COORDINATE CONNECTION OF CONDUIT WITH OTHERS.
- 3

SEE STRUCTURE PLANS SHEETS S-32 TO S-35 FOR OUTRIGGER LOCATIONS.
- 4

INSTALL ANCHOR BOLTS ACCORDING TO MANUFACTURER'S RECOMMENDATION.
- 5

PROVIDE EXPANSION FITTING AT ALL EXPANSION JOINTS.



ESTIMATED BILL OF MATERIALS					
UNIT	ITEM	QNTY	UNIT	ITEM	QNTY
EA	IGJB: 12"x11"x18" IN GROUND JUNCTION BOX	4	EA	RGC TO PVC CONDUIT 2" ADAPTOR	2
EA	BRJB: 12"x12"x4" CAST IRON FLUSH MOUNT JUNCTION BOX	8	EA	2" RGC CLOSE NIPPLE	2
EA	RGC TO PVC CONDUIT 1.5" ADAPTOR	4	EA	GALVANIZED IRON 2" LB CONDUIT BODY WITH COVER & GASKET	2
EA	1-1/2" RGC CLOSE NIPPLE	4	EA	2" ERICKSON COUPLING	2
EA	GALVANIZED IRON 1.5" LL CONDUIT BODY WITH COVER & GASKET	2	FT	2" RGC CONDUIT	20
EA	GALVANIZED IRON 1.5" LR CONDUIT BODY WITH COVER & GASKET	2	FT	2" PVC CONDUIT	90
EA	1-1/2" ERICKSON COUPLING	4	EA	2" PVC 90° BELL ELBOW	6
FT	1-1/2" RGC CONDUIT	20	EA	2" PVC COUPLING	12
FT	1-1/2" PVC CONDUIT	770	EA	1.5" PVC "T"	2
EA	1-1/2" PVC 90° BELL ELBOW	16	FT	PULL LINE	950
EA	1-1/2" PVC COUPLING	32	SET	POLE MANUFACTURER'S ANCHOR BOLT SET WITH 2 WASHERS & 2 NUTS PER BOLT	8
EA	1-1/2" PVC EXPANSION FITTINGS	4			

DRAWN BY : S. A. MALIK DATE : 12-16-24
CHECKED BY : R. G. HALL DATE : 12-16-24
DESIGN E.O.R. : DATE :

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH BRIDGE #175 OVER LUMBER RIVER ON W. 5TH STREET BETWEEN SR-1599 AND N. WATER STREET		REVISIONS				SHEET NO.				
		NO.	BY:	DATE:	DESCRIPTION OF REVISION	NO.	BY:	DATE:	DESCRIPTION OF REVISION	TOTAL SHEETS
SEAL 055078 ENGINEER NATHAN P. DOMINGUEZ DocuSigned by: Nathan Dominguez 4C9DB95AA4A8434... 01/22/2025		1				2				-
						3				-