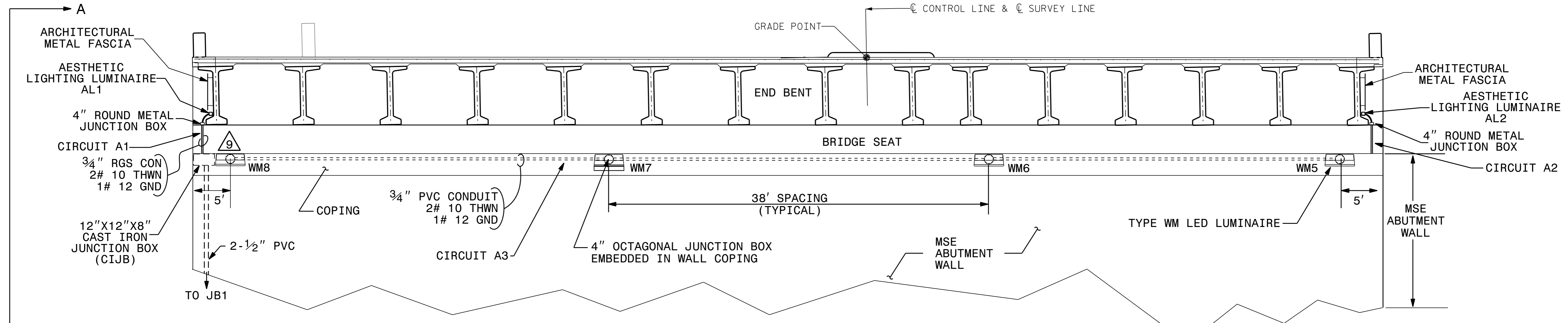
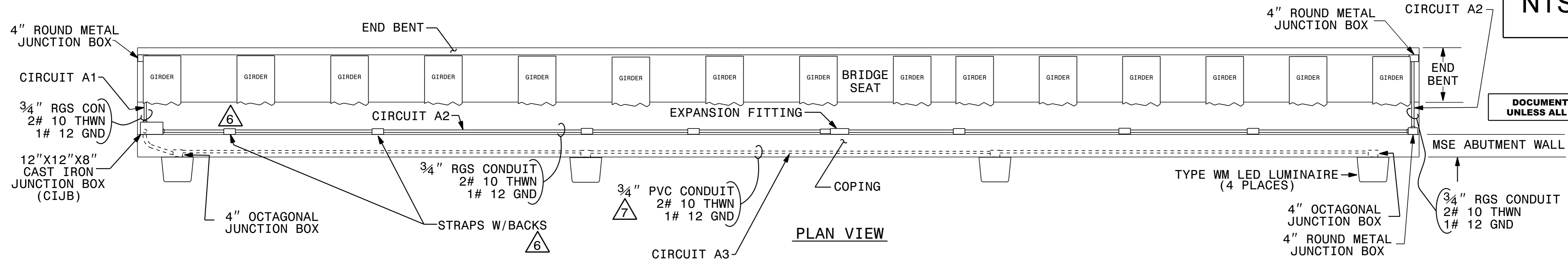


USE FOR LIGHTING CONSTRUCTION ONLY

NTS

Seal of North Carolina Professional Engineer Paul Chan, No. 022582, dated 6/3/2016.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



- NOTES**
- 1 ATTACH CONDUIT TO BACK OF MSE ABUTMENT WALL.
 - 2 COORDINATE WITH PRIME CONTRACTOR TO INSTALL CONDUIT ON BACK OF MSE ABUTMENT WALL PRIOR TO PLACEMENT OF FILL.
 - 3 CONDUIT ENCASED IN COPING SHALL BE 3/4" SCHEDULE 40 PVC AND SHALL HAVE A MINIMUM 2" OF CONCRETE COVER.
 - 4 SEE STANDARD DRAWING 1412.01 FOR ADDITIONAL INSTALLATION DETAILS.
 - 5 SPOTLIGHT LUMINAIRES ARE NOT SHOWN. SEE PLAN SHEET E4.
 - 6 ATTACH CONDUIT USING STRAPS W/BACKS SPACED IN ACCORDANCE WITH REQUIREMENTS OF NEC ARTICLE 344.
 - 7 DASHED CONDUITS INDICATE CONDUIT IS MOUNTED TO BACK OF MSE ABUTMENT WALL OR EMBEDDED IN WALL COPING.
 - 8 MIRROR INSTALLATION OF WALL MOUNT LUMINAIRES (WM1-WM4) INCLUDING CONDUIT FROM GROUND MOUNTED JUNCTION BOX TO CIJB, THE CIJB AND THE OCTAGONAL JUNCTION BOXES, AND CONDUIT EMBEDDED IN THE COPING, ON THE SOUTHSIDE OF STRUCTURE. (ONLY CIRCUIT A3 IS INSTALLED ON THE SOUTHSIDE.)
 - 9 3/4" RGS CONDUIT IS INSTALLED BEHIND WALL COPING. NOT SHOWN.
 - 10 SEE STRUCTURES PLANS FOR AESTHETIC LIGHTING BRACKETS AND STRUCTURAL ATTACHMENT.
 - 11 NOTE REMOVED
 - 12 SEE LIGHTING PROJECT SPECIAL PROVISIONS SECTION 6.00 "AESTHETIC LIGHTING SYSTEM" FOR ADDITIONAL DETAILS.
 - 13 COIL EXTRA JUMPER LENGTH AND STRAP TO LUMINAIRE BRACKET.

ESTIMATED BILL OF MATERIALS

UNIT	ITEM	QNTY
EA	CIJB: 12"X12"X8" CAST IRON JUNCTION BOX WITH HINGE	2
EA	4" ROUND METAL JUNCTION BOXES	3
EA	4" OCTAGONAL JUNCTION BOXES	8
EA	GALVANIZED IRON 3/4" CONDUIT BODY WITH COVER & GASKET	4
FT	3/4" RGS CONDUIT	150
FT	3/4" PVC CONDUIT	260
FT	2-1/2" PVC CONDUIT WITH BELL ENDS	80
EA	2-1/2" PVC 90 BELL ELBOW	2
FT	PULL LINE	500
EA	LED AESTHETIC LIGHTING LUMINAIRE 4' LONG, 15W/FT, * K, 30 DEG X 60 DEG BEAM ANGLE	58
EA	AESTHETIC LIGHTING LUMINAIRE JUMPER CABLE (1-FT)	52
EA	AESTHETIC LIGHTING LUMINAIRE JUMPER CABLE (10-FT)	4
EA	AESTHETIC LIGHTING LUMINAIRE LEADER CABLE (10-FT)	2
EA	3/4" RGS EXPANSION FITTING	2

* NOTE: THE COLOR TEMPERATURE FOR THE LED AESTHETIC LIGHTING LUMINAIRE WILL BE DETERMINED FROM THE MOCK-UP.

DRAWN BY: AB DATE: _____
 CHECKED BY: PKC DATE: _____

2			
1			
Rev.	Date	Description	Approved
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN LIGHTING/ELECTRICAL SECTION LIGHTING DETAILS REPLACE BRIDGE NO.227 OVER PEACE ST. ON US 70/401 (CAPTIAL BOULEVARD) WAKE COUNTY			
Drawn By:	AB	Approved By:	Dwg No.: