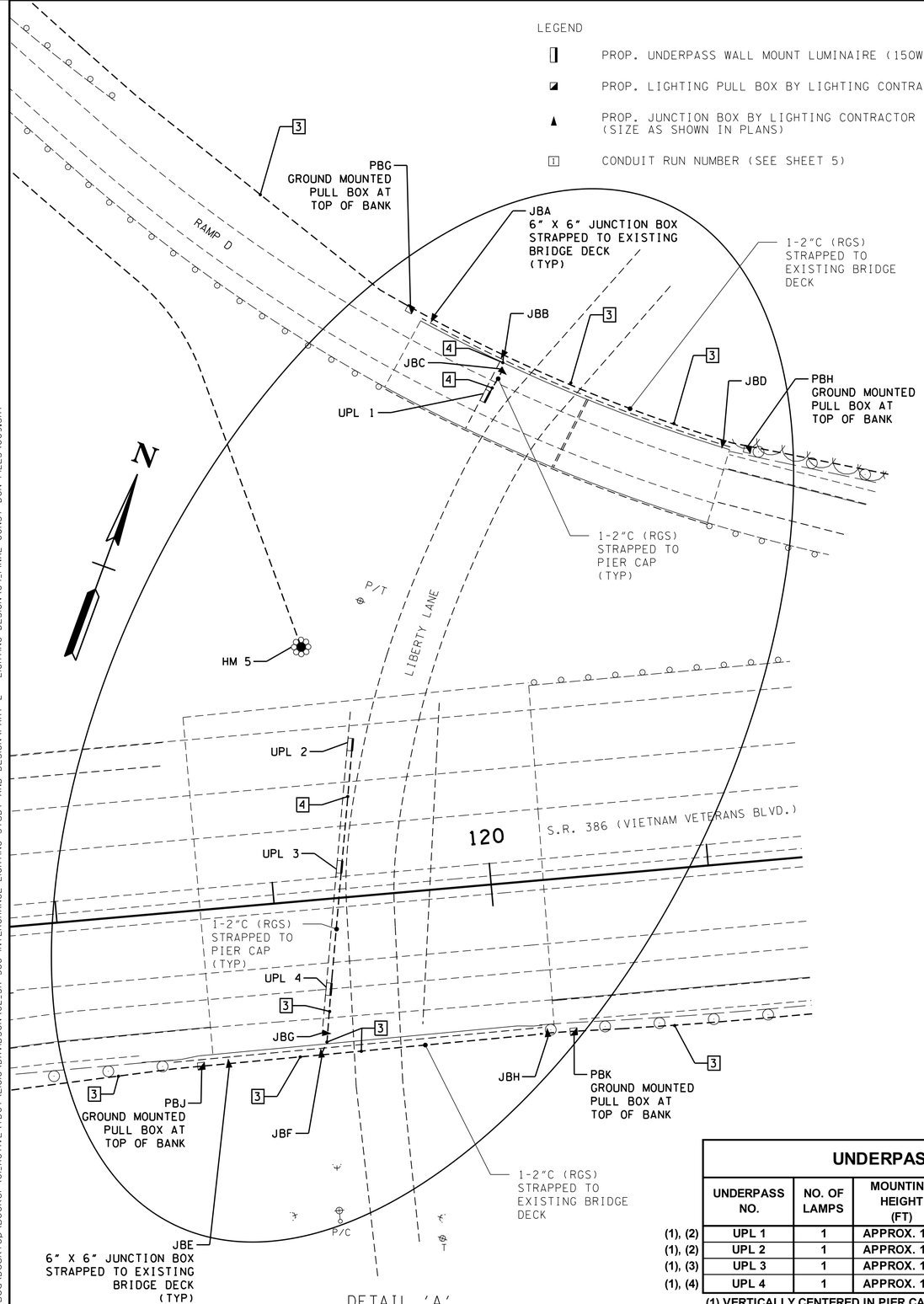
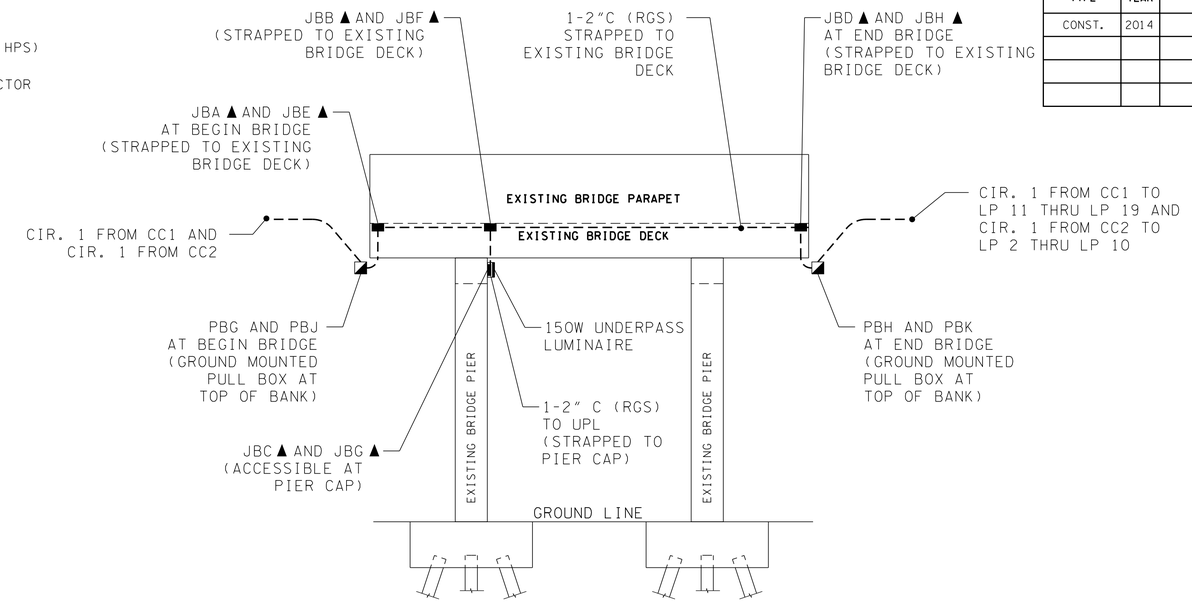
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	19180-3212-04	9

LEGEND

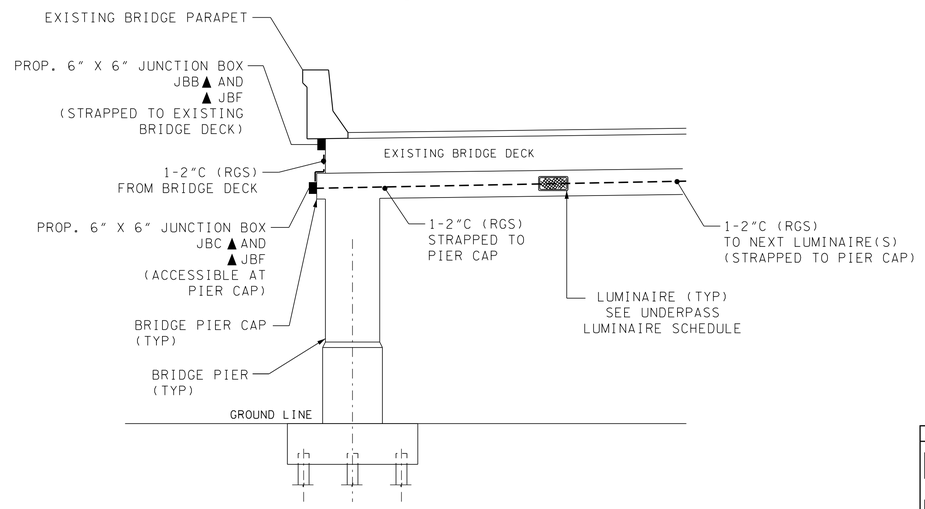
- PROP. UNDERPASS WALL MOUNT LUMINAIRE (150W HPS)
- PROP. LIGHTING PULL BOX BY LIGHTING CONTRACTOR
- PROP. JUNCTION BOX BY LIGHTING CONTRACTOR (SIZE AS SHOWN IN PLANS)
- CONDUIT RUN NUMBER (SEE SHEET 5)



DETAIL 'A'
SR 386 AND RAMP 'D' UNDERPASS LIGHTING
AT LIBERTY LANE



DETAIL 'B'
UNDERPASS LIGHTING DETAIL
(FRONT VIEW)
NTS



DETAIL 'C'
UNDERPASS LIGHTING DETAIL
(SIDE VIEW)
NTS

UNDERPASS LUMINAIRE SCHEDULE

	UNDERPASS NO.	NO. OF LAMPS	MOUNTING HEIGHT (FT)	BASELINE	STATION	OFFSET (FT)	SIDE
(1), (2)	UPL 1	1	APPROX. 17.5	RAMP 'D' BRIDGE	NA	17.0	NA
(1), (2)	UPL 2	1	APPROX. 17.5	SR 386 BRIDGE	NA	15.0	NA
(1), (3)	UPL 3	1	APPROX. 17.5	SR 386 BRIDGE	NA	56.0	NA
(1), (4)	UPL 4	1	APPROX. 17.5	SR 386 BRIDGE	NA	20.0	NA

(1) VERTICALLY CENTERED IN PIER CAP.
(2) OFFSET FROM NORTH END OF PIER CAP.
(3) CENTERED BETWEEN UPL 2 AND UPL 4.
(4) OFFSET FROM SOUTH END OF PIER CAP.

NOTES:

1. RAMP 'D' BRIDGE OVER LIBERTY LANE AND SR 386 BRIDGE OVER LIBERTY LANE ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY.
2. UNDERPASS LUMINAIRES UPL 1 (RAMP 'D' OVER LIBERTY LANE) AND UPL 2 THRU UPL 4 (SR 386 OVER LIBERTY LANE) SHALL BE MOUNTED ON THE BRIDGE PIER CAP.
3. CONDUIT INSTALLATION SHOWN IN DETAILS 'B' AND 'C' ARE SHOWN FOR REFERENCE ONLY. THE CONTRACTOR SHALL ENSURE JUNCTION BOXES AND CONDUITS (RGS) ARE OUT OF PUBLIC VIEW AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL COORDINATE JUNCTION BOX LOCATIONS AND CONDUIT ROUTING WITH THE ENGINEER PRIOR TO INSTALLATION.
4. THE COST OF CONDUIT AND JUNCTION BOXES STRAPPED TO THE BRIDGE, AND ASSOCIATED PULL BOXES SHALL BE PAID FOR UNDER LIGHTING PAY ITEMS 714-04.02, 714-05.04, AND 714-05.05.

SEALED BY
Brenda K. Booker
BRENDA K. BOOKER REGISTERED ENGINEER NO. 104943 STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGES NO. 1 AND 2 LIGHTING DETAILS (UNDERPASS)

SR 386 AND RAMP 'D' OVER LIBERTY LANE

SCALE: 1"= 30'

2/18/2013 11:34:30 AM
C:\Users\BE-Beo\Desktop\Booker\01_ACTIVE\TDOT\E616\DAVIDSON\02_SR 386 INTERCHANGE LIGHTING STUDY AND DESIGN\PART 2 - LIGHTING DESIGN\04_FINAL CONST DGN FILES\009.SHT