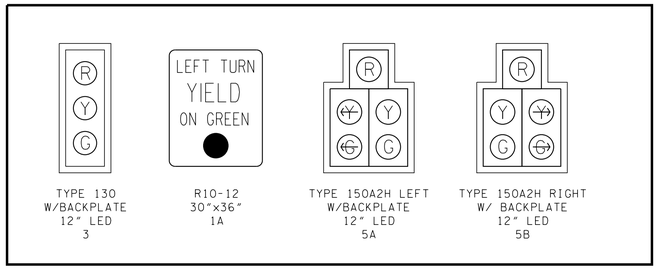



PROPOSED SIGNAL HEADS

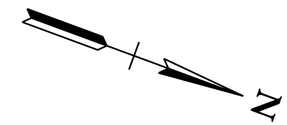
| SIGNAL SUPPORT POLE DATA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| POLE NO. | STATION | OFFSET | NORTHING | EASTING | POLE LENGTH | GRND ELEV. @ POLE | ATTACH ELEV. | MAST ARM LENGTH | MOMENT CAPACITY | FOOTING DEPTH |
| A | 111+00.75 | 51.92' LT | 537703.65 | 1716110.92 | 26.00 | 745.13 | 768.13 | 50.00 | 81075 | 15' |
| B | 111+54.86 | 47.68' RT | 537789.98 | 1716184.39 | 26.00 | 744.41 | 767.41 | B1 - 56.00<br>B2 - 52.00 | 134324 | 15' |

NOTE: POLE LENGTHS MUST BE FIELD VERIFIED PRIOR TO FABRICATION.

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| R.O.W. | 2015 | HSIP-106(33) | 14 |
| CONST. | 2017 | HSIP-106(33) | 23 |
| | | | |
| | | | |

REV. 9-22-16: REDESIGNED TRAFFIC SIGNALS AT INTERSECTION OF SR-106 AND CRITZ LANE FROM USING STRAIN POLES TO USING MAST ARM POLES.

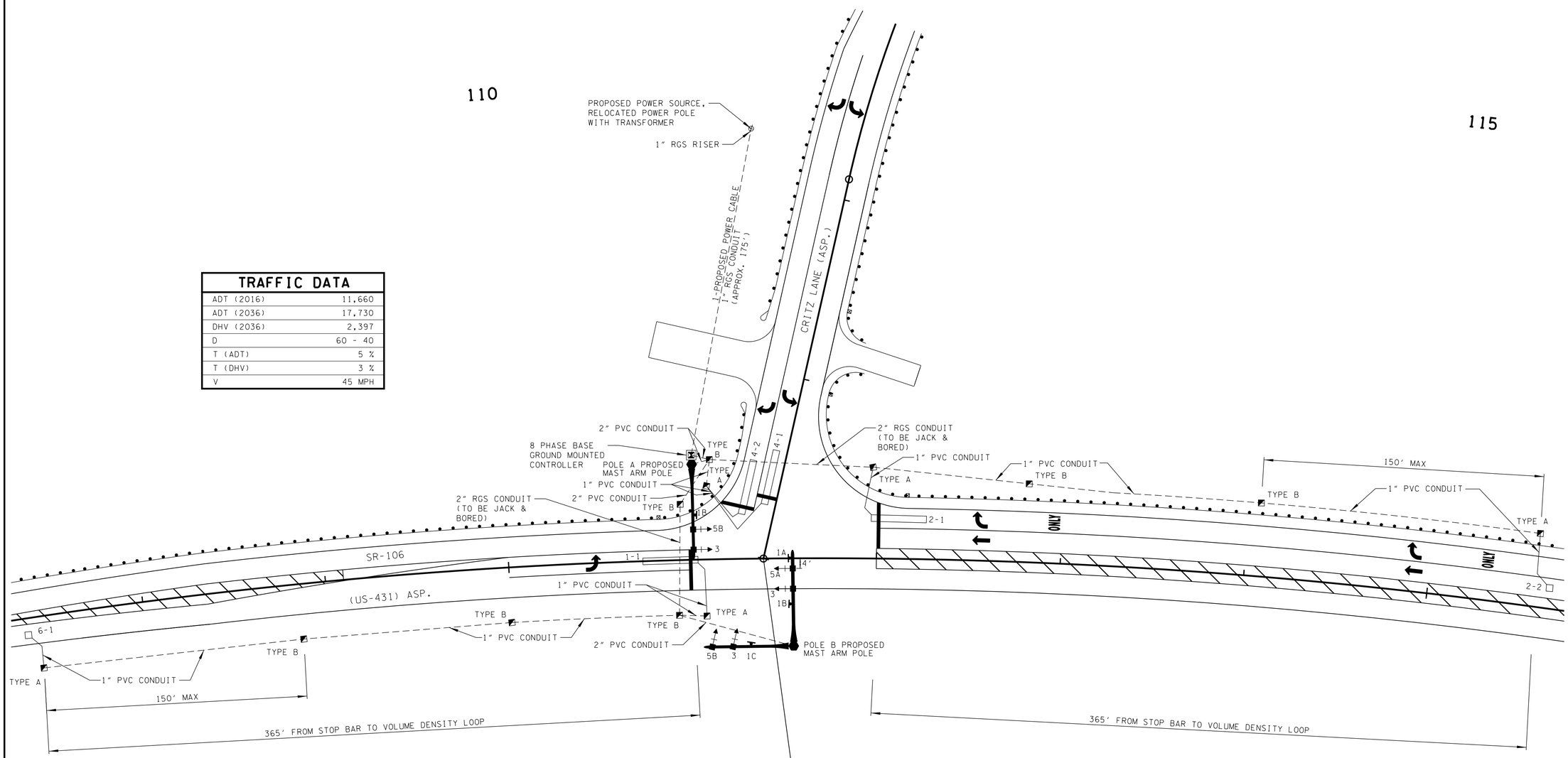
REV. 12-08-16: REMOVED GUARDRAIL FROM RT. STA. 106+00 TO STA. 118+75.




110

115

| TRAFFIC DATA | |
|---|---|
| ADT (2016) | 11,660 |
| ADT (2036) | 17,730 |
| DHV (2036) | 2,397 |
| D | 60 - 40 |
| T (ADT) | 5 % |
| T (DHV) | 3 % |
| V | 45 MPH |




STA. 111+38.58 S.R. 106 (U.S. 431)
STA. 20+00.00 CRITZ LANE
N 537758.0349
E 1716145.4881

SEALED BY

COORDINATES ARE NAD/B3(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

# PROPOSED SIGNAL LAYOUT

SR-106 @ CRITZ LN

SCALE: 1"=30'

9/19/2017 5:49:34 AM
T:\TDOT\Williamson_SR106_Critz\023.sht