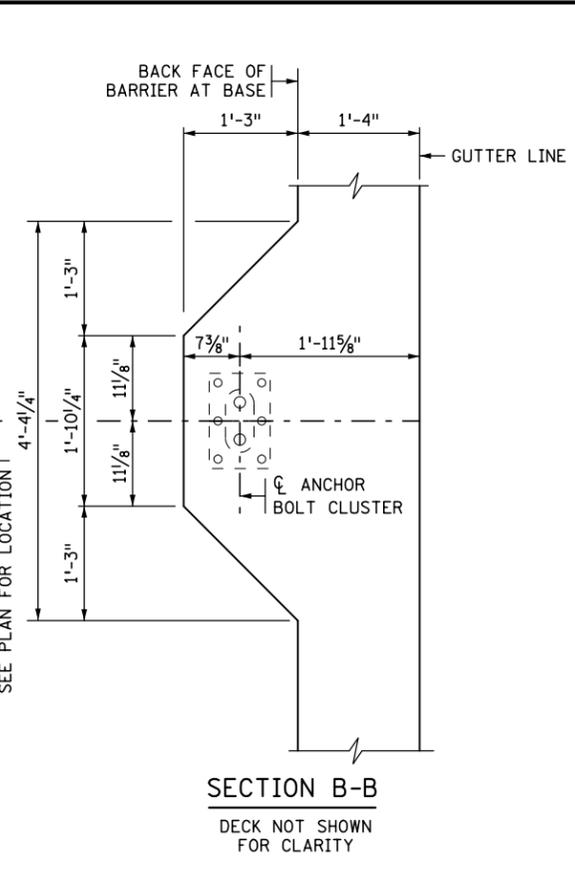
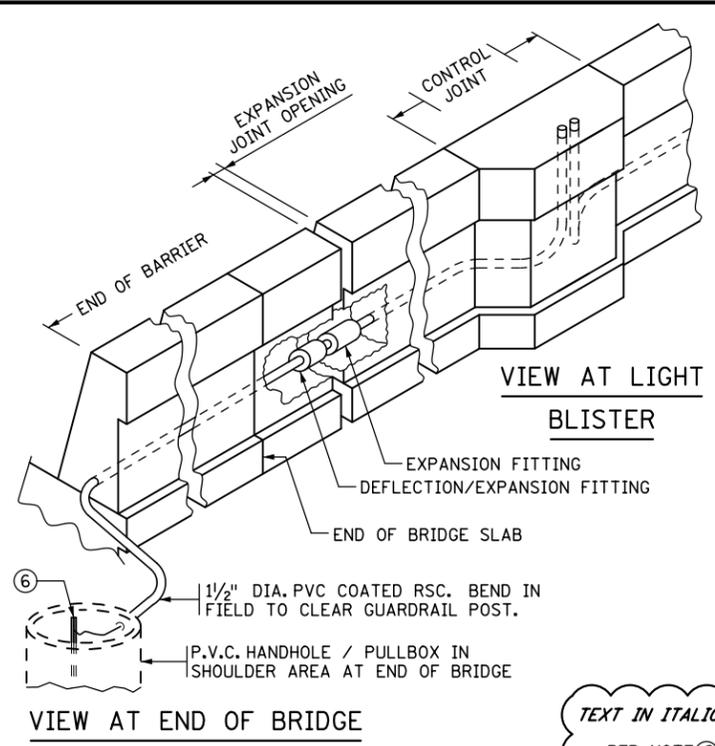


LIGHT POLE ANCHORAGE ON TYPE S BARRIER ②



SECTION B-B
DECK NOT SHOWN FOR CLARITY

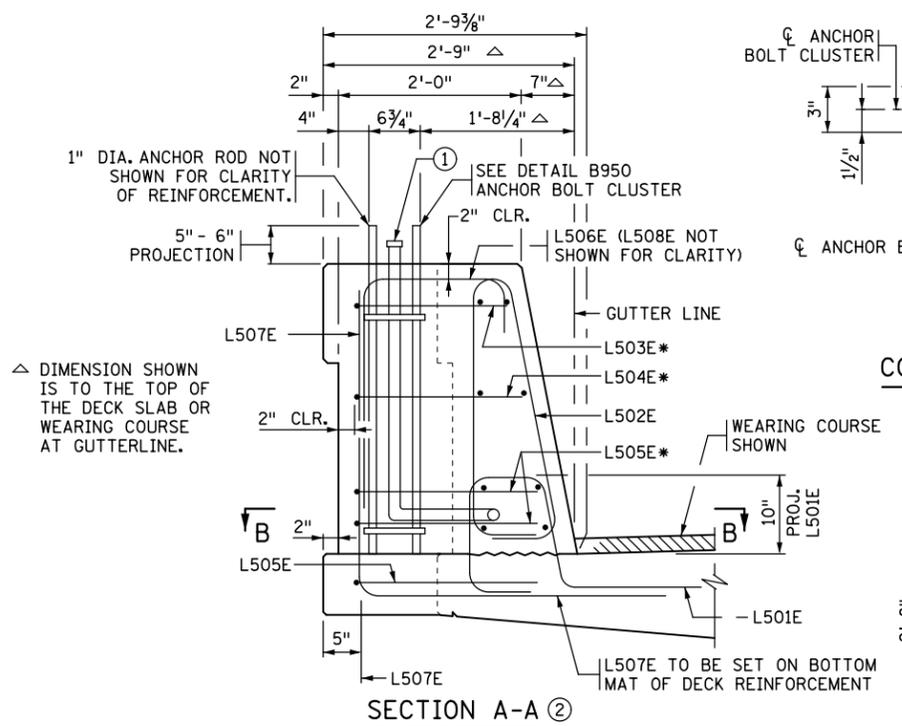


VIEW AT END OF BRIDGE
APPROACH SLAB NOT SHOWN. EXPANSION JOINT SHOWN.

GENERAL NOTES

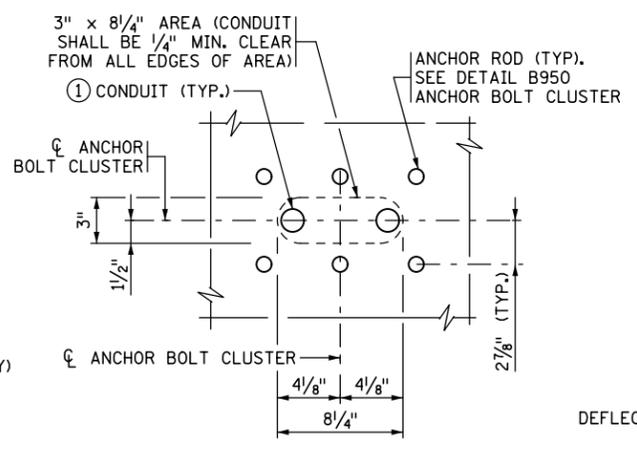
- BOND AND GROUND THE CONDUIT SYSTEM (LIGHTING) IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SPEC. 2545.3.R.
- ADDITIONAL BARRIER AND DECK CONCRETE REQUIRED TO CONSTRUCT THE LIGHT POLE ANCHORAGE IS INCIDENTAL TO THE CONCRETE BARRIER AND DECK CONCRETE PAY ITEMS, RESPECTIVELY.
- ANCHOR BOLT CLUSTER IS INCLUDED IN PRICE BID FOR "CONDUIT SYSTEM"
- ① EXTEND THE 1/2" DIA. PVC COATED RIGID STEEL CONDUIT 3" ABOVE THE BARRIER AND INSTALL CAP.
- ② SEE CONCRETE BARRIER SHEETS FOR TYPICAL BARRIER REINFORCEMENT. WEIGHT OF REINFORCEMENT IS INCLUDED IN PRICE BID FOR "REINFORCEMENT BARS (EPOXY COATED)."
- ③ BARS SHOWN ARE FOR ONE LIGHT BLISTER.
- ④ WRAP PER SPEC. 2565.3.D.7.
- ⑤ PROVIDE COMBINATION DEFLECTION/EXPANSION FITTING PER SPEC. 3839.
- ⑥ PLACE GROUND ROD IN EACH HANDHOLE WITH EXOTHERMIC WELD FROM ROD TO WIRE.

TEXT IN ITALICS ARE DESIGNER NOTES. REMOVE PRIOR TO PLOTTING FINAL PLAN.
PER NOTE ②, BE SURE TO ADD THE WEIGHT OF ADDITIONAL REBAR TO THE REINFORCEMENT QUANTITY.
DON'T SHOW COMBINATION DEFLECTION/EXPANSION FITTING OR EXPANSION JOINT OPENING IN BARRIER FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENT BRIDGES.
ADD THE FOLLOWING NOTE TO EACH OF THE CONCRETE BARRIER SHEETS IN THE PLAN.....REFER TO THE "CONDUIT SYSTEM SHEET" FOR DETAILS AND ADDITIONAL REINFORCING FOR LIGHT BLISTERS.

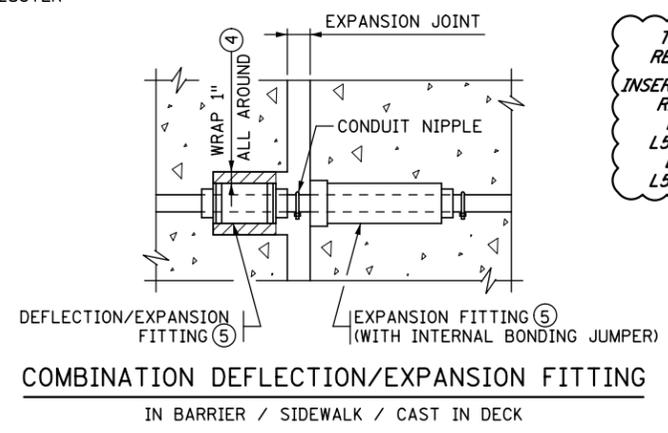


SECTION A-A ②

* L503E, L504E, L505E ARE SPACED WITH BARRIER LONGITUDINAL REINFORCEMENT. SEE CONCRETE BARRIER SHEET FOR SPACING.

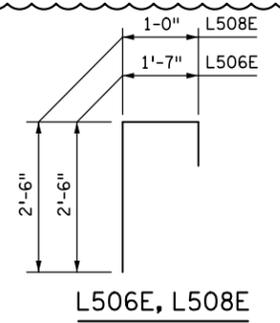


CONDUIT PLACEMENT DETAIL



COMBINATION DEFLECTION/EXPANSION FITTING
IN BARRIER / SIDEWALK / CAST IN DECK

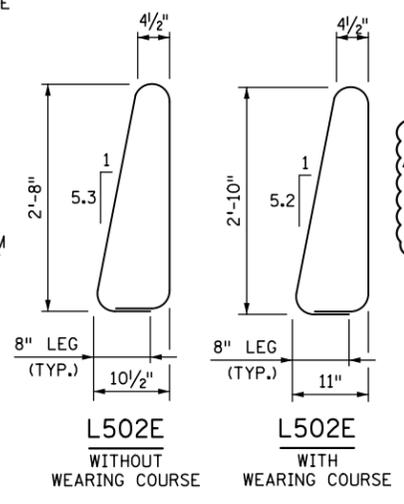
TEXT IN ITALICS ARE DESIGNER NOTES. REMOVE PRIOR TO PLOTTING FINAL PLAN.
INSERT THE REQUIRED LENGTH IN THE BILL OF REINFORCEMENT FOR L501E AND L502E.
L501E WITH WEARING COURSE = 5'-4\"/>



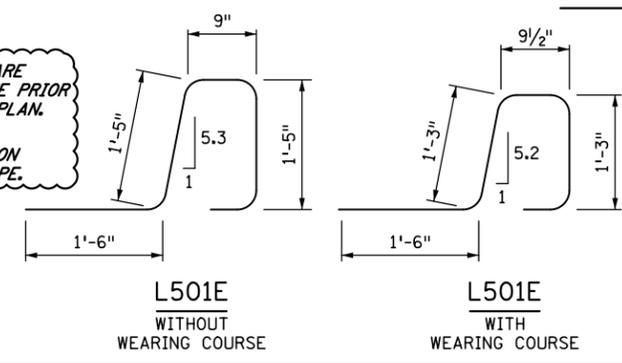
L506E, L508E

BILL OF REINFORCEMENT FOR BARRIER AT ONE LIGHT POLE				
BAR NO.	NO.	LENGTH	SHAPE	LOCATION
L501E	3			BARRIER DOWEL
L502E	3			BARRIER VERTICAL
L503E	1	9'-2"		LONGITUDINAL TIE
L504E	1	9'-8"		LONGITUDINAL TIE
L505E	3	10'-2"		LONGITUDINAL TIE
L506E	4	5'-2"		VERTICAL TIE
L507E	4	6'-8"		VERTICAL DOWEL
L508E	2	4'-4"		VERTICAL TIE

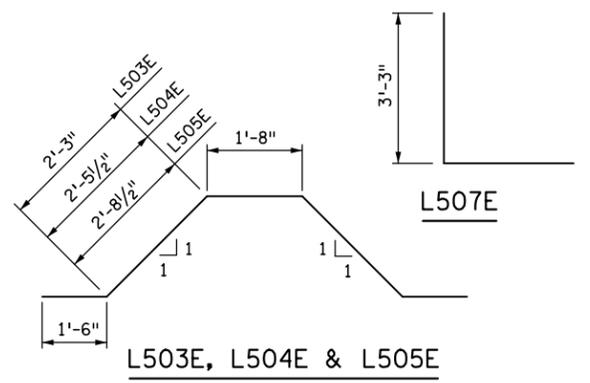
TOTAL REINFORCEMENT PER LIGHT POLE LOCATION IS 150 LBS.



TEXT IN ITALICS ARE DESIGNER NOTES. REMOVE PRIOR TO PLOTTING FINAL PLAN.
STRIKE OUT THE OPTION NOT USED ON L501E & L502E SHAPE.



L501E
WITHOUT WEARING COURSE
L501E
WITH WEARING COURSE



L503E, L504E & L505E

REVISION:
 APPROVED: AUGUST 24, 2016
Kevin Weston
 STATE BRIDGE ENGINEER

CERTIFIED BY _____ DATE _____
 LICENSED PROFESSIONAL ENGINEER
 NAME: _____ LICENSE NO. _____

TITLE: **CONDUIT SYSTEM (LIGHTING)**
 36" TYPE S CONCRETE BARRIER BLISTER, WITH OR WITHOUT WEARING COURSE

DES: _____ DR: _____
 CHK: _____ CHK: _____
 APPROVED: _____
 SHEET NO. OF SHEETS
 BRIDGE NO. _____

FIG. 5-397.406(B)