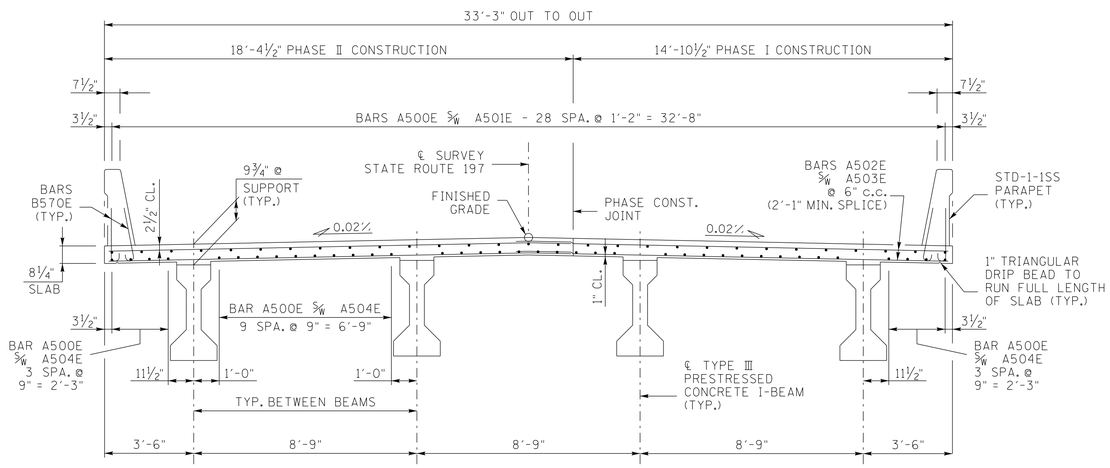
SUP1126.DGN

CONST. NO. 57034-3205-94

| PROJECT NO. | YEAR | SHEET NO. |
|---|---|---|
| BR-STP-197(10) | 2015 | |

REVISIONS

| NO. | DATE | BY | BRIEF DESCRIPTION |
|---|---|---|---|
| | | | |




## TYPICAL CROSS-SECTION

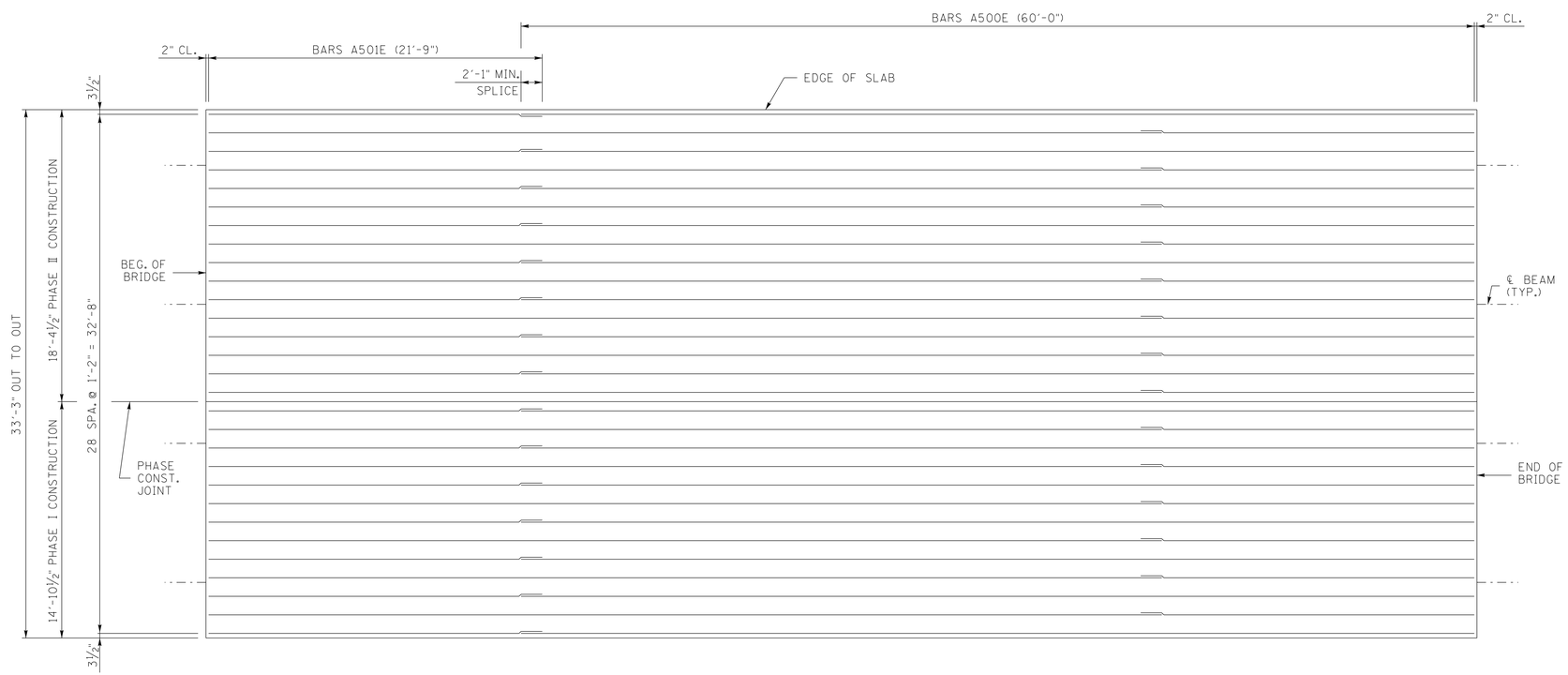
(LOOKING FORWARD ALONG ℄ SURVEY)

NOTE: NO PORTION OF THE PARAPET SHALL BE POURED UNTIL THE ENTIRE DECK SLAB IS IN PLACE.

NOTE: WHEN POURING SLAB, PROVISIONS SHALL BE MADE FOR SETTING REINFORCING STEEL FOR PARAPET. THE PARAPET SHALL NOT BE POURED UNTIL THE SLAB IS POURED AND CURED. ALSO, SEE DRAWING NO. STD-1-1SS.

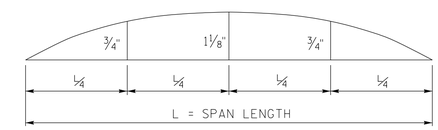
NOTE: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SUPPORTING THE BEAMS TO PREVENT DAMAGE DUE TO TWISTING OR OVERTURNING DURING ALL PHASES OF CONSTRUCTION. IT IS STRONGLY RECOMMENDED THAT THE TEMPORARY ERECTION DIAPHRAGMS BE INSTALLED PRIOR TO PLACING ANY LOADS ON THE GIRDERS. HOWEVER, TEMPORARY ERECTION DIAPHRAGMS MUST BE IN PLACE IN THE SPAN AT THE TIME THE SLAB IS POURED IN SAID SPAN.

NOTE: THE CONTRACTOR SHALL OFF-SET ANY REINFORCEMENT NECESSARY TO MAINTAIN 2" CLEARANCE TO PHASE CONSTRUCTION JOINT.




## PLAN OF MAIN REINFORCEMENT

(ALTERNATE SPLICES AS SHOWN)




## DEAD LOAD CORRECTION CURVE

THIS CURVE IS FOR DEAD LOAD SLAB AND ALL DEAD LOADS THAT ARE APPLIED AFTER THE SLAB IS IN PLACE AND SHOULD BE CORRECTED TO COMPENSATE FOR THE EFFECTS DUE TO VERTICAL CURVE.

IF PRESTRESSED DECK PANELS ARE USED AND THE BEAMS ARE PROFILED AFTER PANELS ARE IN PLACE, REDUCE THE DEAD LOAD CORRECTION VALUES SHOWN BY 25%.

## ESTIMATED QUANTITIES

| CLASS 'D' CONCRETE (BRIDGE DECK) C.Y. | EPOXY COATED REINFORCING STEEL LBS. |
|---|---|
| 67 | 18,322 |

BRIDGE NO. 2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE
STATE ROUTE 197
OVER
BRANCH B
STATION 60+70.00
LOG MILE 8.66
MADISON COUNTY
2015

KATHLEEN D. McLAUGHLIN — STATE OF TENNESSEE — DEPARTMENT OF AGRICULTURE
4/27/2015

Kathleen D. McLaughlin

CORRECT Wayne G. Sieg
ENGINEER OF STRUCTURES

| | | | |
|---|---|---|---|
| DESIGNED BY | D. SHIKE | DATE | 08-13 |
| DRAWN BY | P. MOSHER | DATE | 03-15 |
| SUPERVISED BY | MBC/KDM | DATE | 03-15 |
| CHECKED BY | D. SHIKE | DATE | 03-15 |

U-57-134