



Diagram illustrating the cross-section of a bridge deck structure, showing the drainage system components and dimensions:

- BRIDGE SUPERSTRUCTURE**: The main structural element above the drainage system.
- 3" Ø PVC PLASTIC PIPE DRAIN THROUGH END BENT; SLOPE AT 2% AND SPA. @ 10' MAX.**: The drainage pipe installed through the end bent, sloping at 2% with a spacing of 10 feet maximum.
- 3" (TYP.)**: The typical diameter of the drainage pipe.
- 1'-0"**: The typical width of the drainage area.
- COMPACTED ABC**: The top layer of the drainage system.
- COMPACTED SUBGRADE**: The layer below the compacted ABC.
- GEOTEXTILE FABRIC (TYPE 1) AROUND AGGREGATE**: The fabric separating the aggregate from the subgrade.
- AGGREGATE DRAIN (#57 CRUSHED STONE)**: The drainage aggregate layer.

17'-0"

10"

CONCRETE APPROACH SLAB

#4 "A" BARS

#4 "A" BARS (TYP.)

6" COMPACTED ABC

COMPACTED SUBGRADE

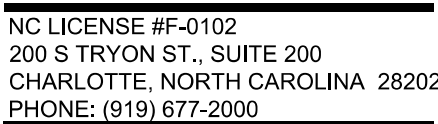
SECTION A-A

* - EPOXY COATED

1. APPROACH SLABS SHALL BE CONSTRUCTED OF CLASS A CONCRETE.
2. WRAP ENDS OF PVC DRAIN IN MESH FABRIC TO PERMIT FREE FLOW OF WATER BUT PREVENT LOSS OF AGGREGATE.
3. ABC = AGGREGATE BASE COURSE.

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PREPARED IN THE OFFICE OF:



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