TYPE 1 PAVEMENT STRUCTURE DRAINAGE SYSTEM
(For existing highway facility)

TYPE 2 PAVEMENT STRUCTURE DRAINAGE SYSTEM
(new construction)

TYPE 3 PAVEMENT STRUCTURE DRAINAGE SYSTEM
(new construction)

TYPE 4 PAVEMENT STRUCTURE DRAINAGE SYSTEM
(new construction)

TYPE 5 PAVEMENT STRUCTURE DRAINAGE SYSTEM
(new construction)

TYPE 6 PAVEMENT STRUCTURE DRAINAGE SYSTEM
(new construction)

NOTES:
1. At the Contractor's option, on new construction, the vertical jointline (including the filter fabric) between the treated permeable material and the shoulder base/subgrade material may be rotated about its midpoint to a slope not flatter than 1:1 as shown by the dashed lines.
2. See the project plans and typical cross sections for pavement structure details.
3. The plan layout for pavement structure drainage collector and outlet system for new concrete pavement and new hot mix asphalt pavement is the same as that shown on Revised Standard Plan RSP 099A.
4. For plastic pipe edge drain diameter larger than 3", the minimum trench width shall be equal to the outside diameter of the plastic pipe plus 4".
5. For plastic pipe edge drain diameter larger than 3", all details for 3" plastic pipe edge drain shall apply.
6. For pavements thicker than 0.75", the minimum trench depth is 1.0'.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT STRUCTURE DRAINAGE SYSTEM DETAILS
NO SCALE
RSP D99A DATED OCTOBER 30, 2015 SUPERSIDES STANDARD PLAN D99A

REVISED STANDARD PLAN RSP D99A