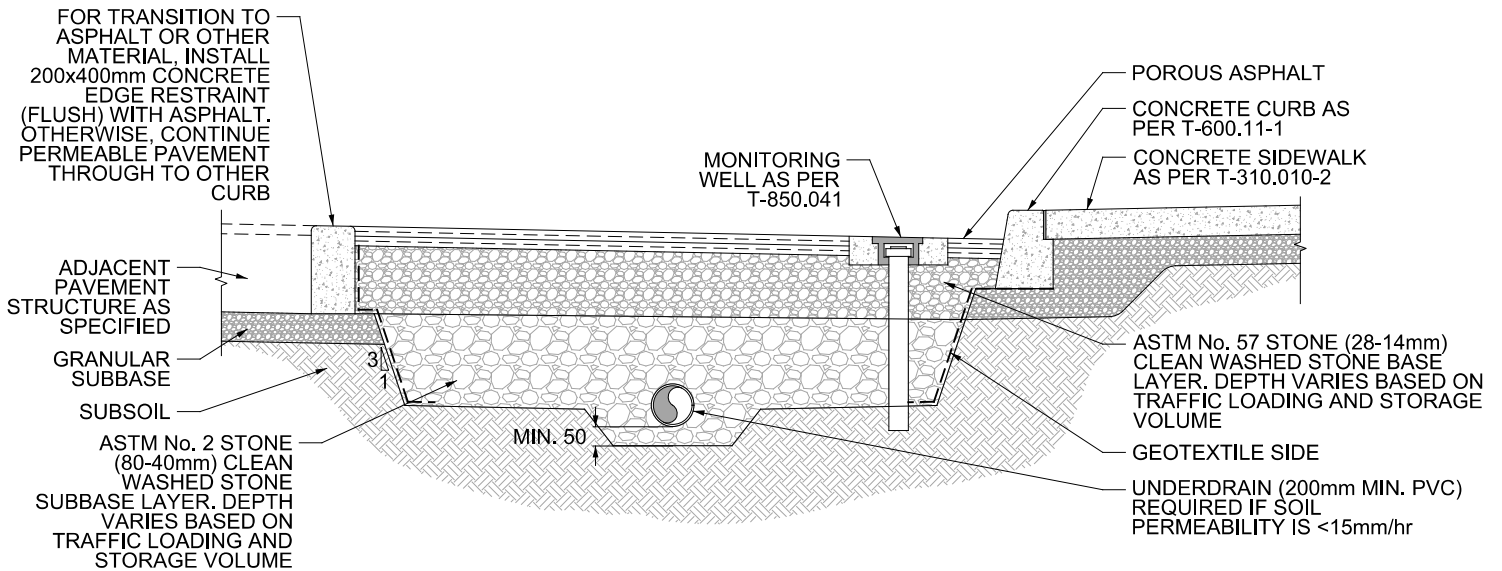


**PLAN**



**SECTION A-A**

- NOTES:
- SUITABILITY FOR PLACEMENT OF POROUS ASPHALT WITHIN ROADWAY TO BE DETERMINED BY THE ENGINEER BASED ON SITE-SPECIFIC VEHICLE LOADING TO MEET AASHTO REQUIREMENTS.
  - POROUS ASPHALT TO BE OPEN GRADED ASPHALT MIX WITH 16% VOID SPACE MINIMUM.
  - POROUS ASPHALT THICKNESS DESIGNED BY ENGINEER. TYPICAL THICKNESS OF 100mm.
  - DEPTH OF BASE AND SUB-BASE LAYERS TO SUIT CALCULATED STORAGE REQUIREMENTS.
  - MONITORING WELL LOCATION TO BE DETERMINED BY THE ENGINEER. PLACE IN ACCESSIBLE LOCATION.
  - REINFORCING GEOGRID RECOMMENDED IF ADDITIONAL STRUCTURAL SUPPORT REQUIRED.
  - UNDERDRAIN IS REQUIRED WHERE NATIVE SOIL INFILTRATION RATES ARE LESS THAN 15mm/hr, OR WHEN PERMEABLE PAVEMENT IS MEMBRANE LINED. UNDERDRAIN TO BE MIN. 200mm DIA. SMOOTH INTERIOR WALLED PERFORATED PIPE, INSTALLED MIN. 50mm ABOVE THE BOTTOM OF THE DRAINAGE LAYER. CLEANOUTS TO BE PROVIDED AT MAX. 40m SPACING.

All dimensions are in millimetres unless otherwise shown.



ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING

REV 0

SEP 2021

**POROUS ASPHALT IN ROADWAY**

**T-850.133**

LAYOUT AND SECTION

NTS

SHEET 3