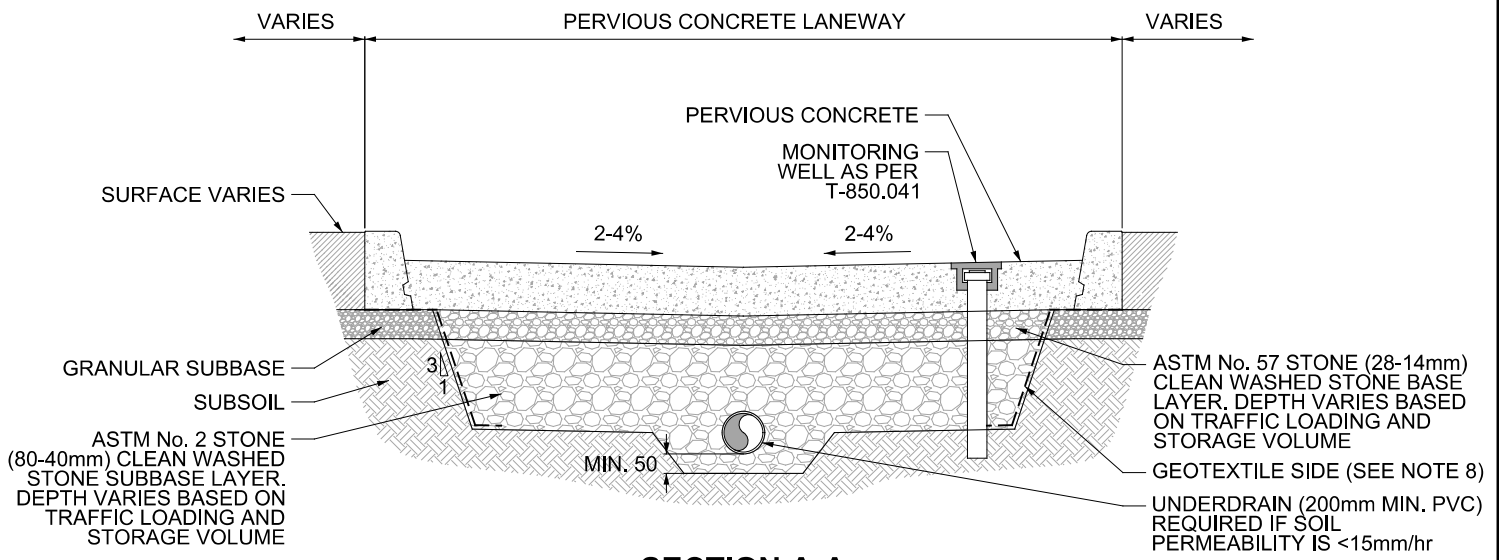


PLAN



SECTION A-A

- NOTES:
- SUITABILITY FOR PLACEMENT OF PERVIOUS CONCRETE WITHIN ROADWAY TO BE DETERMINED BY THE ENGINEER BASED ON SITE-SPECIFIC VEHICLE LOADING TO MEET AASHTO REQUIREMENTS.
 - PERVIOUS CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 30MPa AND MAKE UP SHALL BE COMBINED GRADATION OF 37.5mm AND 19mm COARSE AGGREGATE.
 - PERVIOUS CONCRETE THICKNESS DESIGNED BY ENGINEER. TYPICAL THICKNESS OF 150mm.
 - 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.
 - IMPERMEABLE GEOMEMBRANE TO BE SPECIFIED AS REQUIRED IN PROXIMITY TO UNDERGROUND STRUCTURES.

All dimensions are in millimetres unless otherwise shown.



ENGINEERING & CONSTRUCTION SERVICES STANDARD DRAWING

PERVIOUS CONCRETE IN LANEWAY

LAYOUT AND SECTION

REV 0

SEP 2021

T-850.134

NTS

SHEET 4