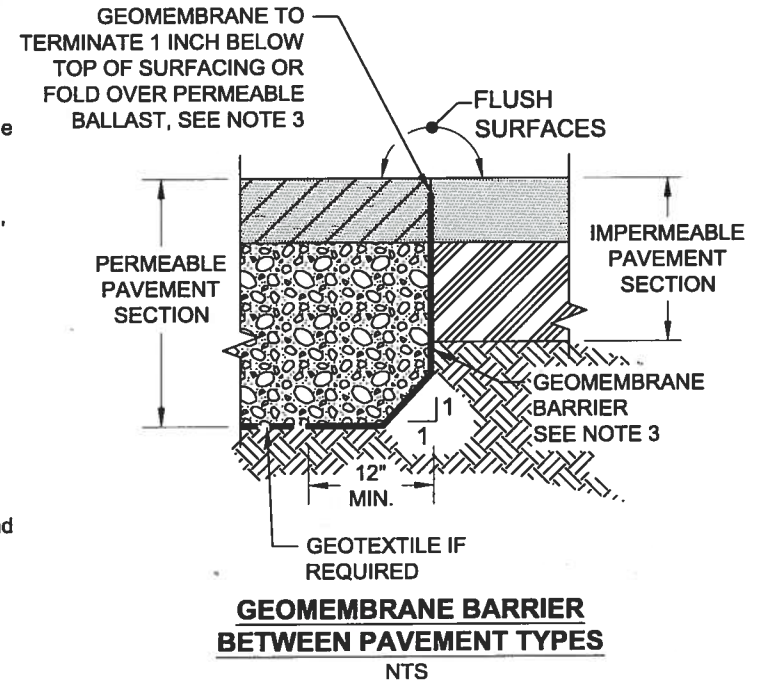


CONCRETE BAND BETWEEN PAVEMENT TYPES

NOTES:

- When used as a visual separation or to stabilize surfacing material, edge treatment is not required to extend more than 12 inches below top of wearing course unless the permeable pavement section is adjacent to a standard pavement section. When permeable pavement is adjacent to a standard pavement section, edge treatment shall extend to the bottom of the permeable pavement section or 2 inches below the impermeable pavement section, whichever is deeper and as approved by the geotechnical engineer.
When used as a barrier to lateral water flow, edge treatment depth shall be 12 inches minimum or to the bottom of the permeable pavement section, whichever is deeper or deeper as recommended by the geotechnical engineer.
- Expansion joint in band spaced @ 15' max.
- Geomembrane barrier shall provide an impermeable barrier between standard and permeable section. It shall be installed 1" below finished grade of surfacing, as shown. Alternatively, the liner shall fold over the permeable ballast a minimum of 6" or further if recommended by the geotechnical engineer.

- Geomembrane barrier seams shall overlap at least 18" or per manufacturer's recommendations. Geomembrane barrier shall extend the linear length of the permeable section when adjacent to standard pavement.
- Geotextile for separation per WSDOT 9.33.2(1), woven, Table 3.
- All joints shall be cleaned and edged. External edges shall be 1/2" radius. Internal joints shall be 1/2" radius.
- All expansion joints shall be full depth with 3/8" premolded joint filler.
- All soft and yielding foundation material beneath band shall be removed and replaced with crushed surfacing top course (CSTC) per WSDOT Section 9-03.9(3).
- Maximum depth of concrete band shall be 30 inches.
- A combination of geomembrane liner and concrete band may be used, if required. Liner to be placed between permeable section and concrete band.
- Concrete band shall not be used perpendicular to the flow of traffic.



GEOMEMBRANE BARRIER BETWEEN PAVEMENT TYPES

REVIEWED BY
 DCS PUBLIC WORKS
 NA TACOMA POWER
 GMS ENVIRONMENTAL SERVICES
 NA TACOMA WATER



APPROVED FOR PUBLICATION
 [Signature]
 CITY ENGINEER
 4/2/16 DATE

CITY OF TACOMA
 GREEN STORMWATER
 INFRASTRUCTURE
 EDGE TREATMENTS
 STANDARD PLAN NO. GSI-18