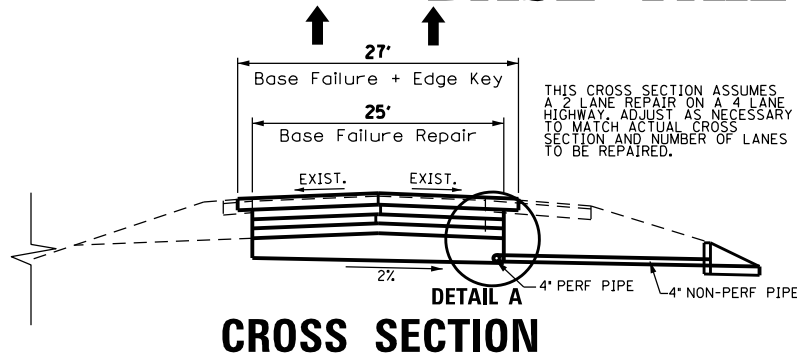
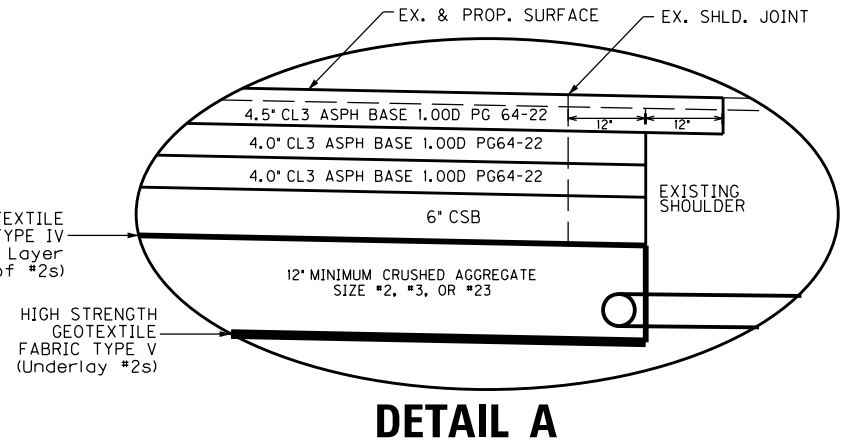
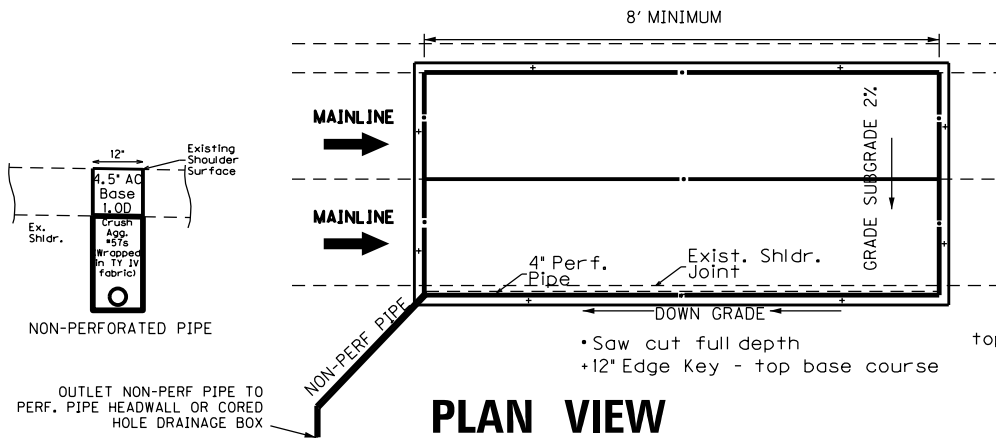
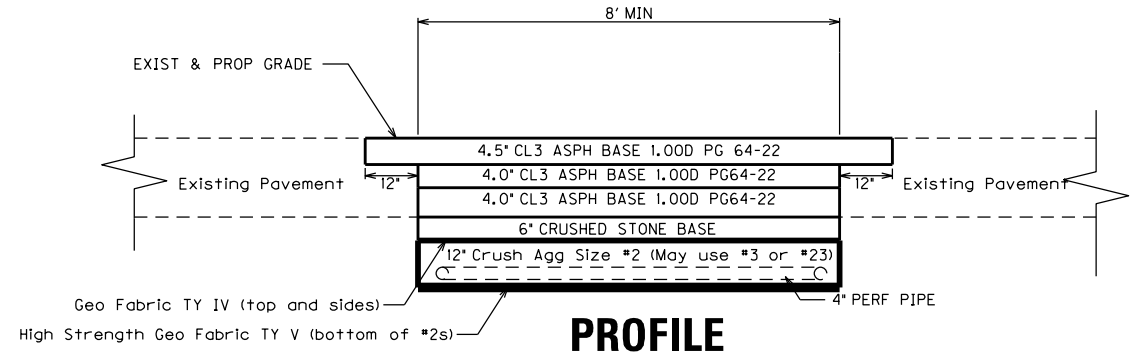


BASE FAILURE REPAIR DETAIL



THIS CROSS SECTION ASSUMES A 2 LANE REPAIR ON A 4 LANE HIGHWAY. ADJUST AS NECESSARY TO MATCH ACTUAL CROSS SECTION AND NUMBER OF LANES TO BE REPAIRED.



NOTES

1. Caution: Existing concrete pavement may exist below the asphalt pavement.
2. Full depth base failure repairs shall be performed at locations selected by and as directed by the Engineer. The Engineer will assess, select, and mark areas for treatment. The full lane width will be removed and replaced. The Engineer may elect to perform repairs on one lane or multiple lanes. An edge key 12" into existing pavement is required for the top course of base. If only one lane is being repaired, carry top base course 12" into adjacent lane when M0T allows.
3. When replacing the outside lane, perforated pipe should be placed under the shoulder by extending the repair area 12 inches into the existing shoulder.
4. Select an appropriate outlet source which may include a perf pipe headwall or cored hole in an existing drop box inlet. Non-perf outlet pipe may require installation at significant length or adjusted alignment to provide positive drainage. Grade subgrade to the outlet side of the excavation at 2%. Install a longitudinal perforated pipe on the low side of subgrade connecting to the down grade outlet.
5. Complete base failure operations in one continuous operation or protect with barrier wall. Do not leave an unprotected hole with no workers present. If barrier wall must be used for base failure repairs, it will be considered incidental to other items of work and not be considered for payment.
6. After completing base failure repair operations, open to traffic for a minimum of 14 days before resurfacing. Monitor pavement for settlement during this 14+ days and repair by leveling and wedging, as approved by the Engineer, until placement of final surface course.
7. All work associated with this special note except for the final 1.5" milling and surface course will be considered incidental to the bid item "BASE FAILURE REPAIR". This includes crushed stone base, crushed aggregate #2, removal of pavement, roadway excavation, fabric geotextile type IV, high strength geotextile fabric type V, asphalt base, perforated pipe, non-perforated pipe, crushed aggregate #57s, cored hole drainage structures, and perforated pipe headwalls.
8. Perform typical mill and inlay operations with resurfacing items subject to payment as part of the resurfacing operation.

NOT TO SCALE