EMPIRICAL APPROACH SLAB DETAILS

INTEGRAL AND SEMI-INTEGRAL ABUTMENT

Pavement Approach (Concrete Only)

E3 joint 9" Min.

Night casting included in Bid Item "Superstructure Conc.

NOTES:

- Aggregate base or OGDC shall extend from bottom of sleeper slab for a depth of 36" max., not to extend below the top of abutment wall except when necessary to provide a minimum of 12" below sleeper slab.

- Use "L" shape for HMA approach.

- Use inverted "T" shape for concrete approach.

- See Bridge Design Guide 6.20.04C for details.

- Sleepers slab with all approach slabs including HMA roadway.

- Use approach slab details on Standard Plan R-45-Series when the length of bridge contributing to expansion at an abutment is less than 50' for concrete beam bridges and less than 25' for steel beam bridges.

- See Guide 5.46.01 for termination limits of aggregate base or open graded drainage course.

- Use geotextile separator only with open graded drainage course.

- Underdrain under sleeper slab if open graded drainage course is used instead of aggregate base.

- Use approach slab details on standard plan R-45-SERIES when the length of bridge contributing to expansion at an abutment is less than 50' for concrete beam bridges and less than 25' for steel beam bridges.

- See Guide 5.46.01 for termination limits of aggregate base or open graded drainage course.

- Plan note: Do not use wheeled, roller based or machine mounted compaction equipment to compact the subgrade, subbase, and base within 10' of the sleeper slab after it is built. Use only hand/plate compactors. Contact pressure of compaction equipment shall not exceed 10 psi.

- Use sleeper slab with all approach slabs including HMA roadway.

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