

TxDOT Directive

Subject: Design and Construction of Approaches to Off-System Bridges

Purpose: To require design and construction of approaches to off-system bridges which are cost effective to construct, yet are reasonably designed for existing and projected traffic loads.

Policy:

Off-system bridge approaches should be designed and constructed to match existing roadways. Pavement structures should reasonably be designed for existing and future traffic loads. The pavement surface should be constructed to closely match the type of surface existing prior to construction. Use of stabilized materials or oil sands may be considered. Stabilization of the abutment fill at the backwall should be required as traffic loads warrant. Concrete approach slabs should be required as appropriate when heavy truck traffic is present.

General Comments:

- Plans should not require seal coat or ACP surfaces for off-system bridge projects unless the existing paved surfaces are similar in nature. Constructed approaches to off-system bridges should be designed to perform adequately under existing and project traffic loads.

02/26/2010
Effective Date

mark a. mark
Signature