



# **INDIANA DEPARTMENT OF TRANSPORTATION**

*Driving Indiana's Economic Growth*

## **Design Memorandum No. 21-01**

January 7, 2021

**TO:** All Design, Operations, and District Personnel, and Consultants

**FROM:** /s/ Kumar Dave  
Kumar Dave  
Manager, Pavement Engineering Office  
Pavement Design Division

**SUBJECT:** Longitudinal Joint Options and D-1 Contraction Joint Spacing

**REVISES:** *Indiana Design Manual (IDM) Figure 602-3Z, Median Edge Concrete Pavement Longitudinal Joint Options*

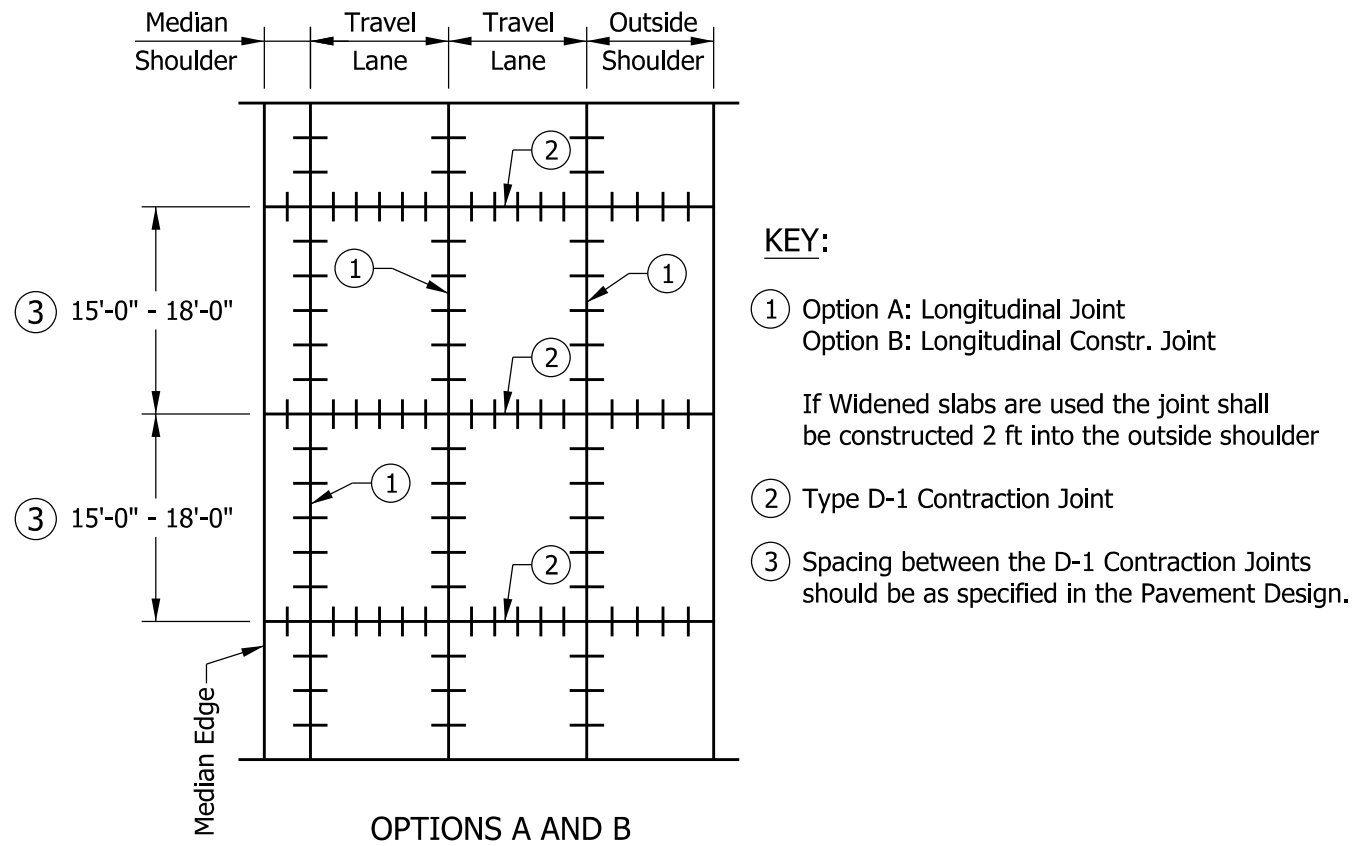
**EFFECTIVE:** Lettings on or after June 1, 2021

*Indiana Design Manual* Figure 602-3Z has been updated to reflect revisions to *Standard Specification* Section 503.03(d). The revisions to Section 503.03(d) now allow the contractor the option to use a longitudinal joint or longitudinal construction joint between travel lanes or travel lane and shoulder. This revision will not affect how the designer should specify lane and shoulder width within the typical sections.

The following revisions were made to Figure 602-3Z:

- Legend note numbers on the figure were reassigned to reflect the longitudinal joint options for the contractor and longitudinal joint locations.
- Note 3 was added to clarify that D-1 contraction joint spacing should be designed as directed by the pavement design.
- The figure was renamed to Longitudinal Joint Options and D-1 Contraction Joint Spacing.

General Questions should be directed to Kumar Dave, Office of Pavement Engineering Manager at [kdave@indot.in.gov](mailto:kdave@indot.in.gov).



## MEDIAN EDGE OF CONCRETE PAVEMENT LONGITUDINAL JOINT OPTIONS

Figure 602-3Z