



Illinois Department of Transportation

Memorandum

To: Regional Engineers
From: Omer M. Osman *Omer M. Osman* 3 AAW
Subject: Special Provision for Steel Slag in Trench Backfill
Date: September 23, 2015

This special provision was developed by the Bureau of Materials and Physical Research to allow the use of fine aggregate steel slag produced with an electric arc furnace for trench backfill.

This special provision should be inserted into contracts requiring trench backfill.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 15, 2016 and subsequent lettings. The Project Development and Implementation Section will include a copy in the contract.

This special provision will be available on the transfer directory September 25, 2015.

cc: Omer M. Osman
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80362m

STEEL SLAG IN TRENCH BACKFILL (BDE)

Effective: January 1, 2016

Revise the second sentence of Article 1003.01(a)(8) of the Standard Specifications to read:

“Crushed steel slag shall be the nonmetallic product which is developed in a molten condition simultaneously with steel in an open hearth, basic oxygen, or electric arc furnace.”

Revise Article 1003.04(a) of the Standard Specifications to read:

“(a) Description. The fine aggregate shall consist of sand, stone sand, chats, wet bottom boiler slag, slag sand, or granulated slag sand. Crushed concrete sand, construction and demolition debris sand, and steel slag sand produced from an electric arc furnace may be used in lieu of the above for trench backfill.”

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