

Geotechnical Design Memorandum

To: Amish T. Bhatt, SE, PE, Structural Manager, AECOM
 From: Met Seyhun, P.E., Project Manager, Senior Geotechnical Engineer
 Date: July 2, 2018
 Subject: Lightweight Cellular Concrete Fill (LCCF) Standard Clarification
 Wall 22B (SN016-1839)
 Project: Circle Interchange – Contract 60X79
 Wang No. 1100-04-01

Wang is issuing a clarification on the usage of LCCF classes for Retaining Wall 22B (SN016-1839) under contract 60X79. Table 1 provides guidance on the latest class to be used.

TABLE 1 : LCCF STANDARDS				
Contract	Structure Number	SGR Title	LCCF previously specified	LCCF currently specified (governs) ¹
60X79	SN 016-1839	Retaining Wall 22B	Excavation Backfilled with LCCF Class IV (36-42 pcf as-cast density) ²	Excavation Backfilled with LCCF Class III (36-44 pcf As-Cast Density)

Notes: ¹IDOT District One Special Provision: Lightweight Cellular Concrete Fill (LCCF), Revised June 18, 2018

²IDOT District One Special Provision: Lightweight Cellular Concrete Fill (LCCF), Revised February 1, 2016

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