

1                   **SECTION 205 – EXCAVATION AND BACKFILL**  
2                   **FOR BRIDGE AND RETAINING STRUCTURES**

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4    Make the following amendments to said Section:

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6    **(I) Amend 205.03(A)(1) General** by adding the following paragraph after  
7    line 47 to read as follows:

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9           “The Contractor shall be responsible for protecting the sides of the  
10   excavations from cave-ins. If the Contractor decides to brace or shore the cut  
11   slope, the Contractor shall submit working drawings and calculations. The  
12   working drawings and calculations shall be stamped by a registered Hawaii  
13   Structural Engineer and a registered Civil Engineer specializing in Geotechnical  
14   Engineering in the State of Hawaii. If the Contractor decides not to brace the  
15   cut slope, the Contractor shall submit calculations, showing the stability of the  
16   slope, stamped by a registered Civil Engineer specializing in Geotechnical  
17   Engineer in the State of Hawaii. The working drawings and calculations shall  
18   be reviewed and accepted by the Engineer before proceeding with the  
19   construction.”

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21   **(II) Amend 205.03(B) Structure Backfill** by revising the lines 151 to 155 to  
22   read as follows:

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24           **“(B) Structure Backfill.** Place structure backfill material A behind  
25   bridge abutments, wingwalls, and retaining walls. Do not deposit fill material  
26   against back of concrete abutments, piers, concrete retaining walls, and  
27   foundations until the concrete has met the requirements in Subsection 503.03(E)  
28   – Loading.”

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35                   **END OF SECTION 205**