



DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
INTRADEPARTMENTAL CORRESPONDENCE

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MEMORANDUM

TO: DISTRICT BRIDGE INSPECTION OFFICES

FROM: DAVID MILLER, P.E. [Signature]

DATE: OCTORBER 24, 2013

SUBJECT: MUD SILLS

BY \_\_\_\_\_ DATE \_\_\_\_\_
BY \_\_\_\_\_ DATE \_\_\_\_\_
BY \_\_\_\_\_ DATE \_\_\_\_\_

As bridges come up for their routine inspection or bridge rating, the use of existing mud sills should be evaluated for consistency with the guidance from this memorandum.

Because of the uncertainty in calculating the capacity of mud sills, their use will be phased out over time and should only be used as a last resort on temporary repairs not to exceed 12 months. There are many repair methods that function better and can be backed up with engineering data to support the repair methodology.

Criteria for use of mud sill are listed below:

- Heights of 5 feet or less
• If inundated do not use
• Should not be used on scour susceptible waterways
• Full bearing between the cap and the ground
• Mud sill usage should be limited to abutments. They should also be limited to portions of the abutment and not the entire abutment.

If there are extenuating circumstances that arise that are not covered in the memorandum, please contact the Section 51 office for further guidance.

cc: Vince Latino

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