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MEMORANDUM TO: Roadway Project Engineers

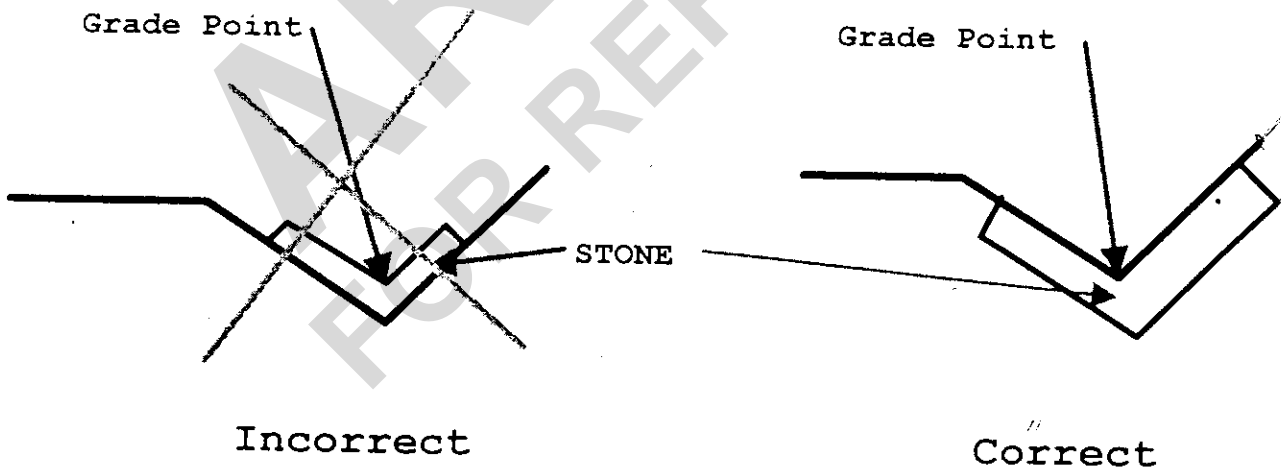
FROM: John Alford, PE *John Alford*
State Roadway Design Engineer

DATE: September 18, 2000

SUBJECT: Ditches with Stone Liner

It has come to my attention that we (Roadway & Hydraulics) are showing ditches with Stone liner on the cross sections by at least two different methods. The purpose of this memo is to document the correct method.

Through discussions with David Henderson of Hydraulics, Steve Dewitt of Construction, and Gary Lee of Design Services, we have agreed on the proper way to show and compute the Drainage Ditch Excavation quantity. Below you will see drawings reflecting the most common incorrect method and the actual correct method of Stone placement. Stone will not be shown on the cross-sections.



Drawing Is Not to Scale



Roadway Project Engineers

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Excavation for the Stone is incidental to the pay item for the Stone. The new criteria library being developed will reflect the proper grade design and compute the appropriate DDE quantity.

Please let me know if you have any questions.

JEA

cc: Dewayne Sykes, PE
Jay Bennett, PE
Dave Henderson, PE
Steve DeWitt, PE
Deborah Barbour, PE
Victor Barbour, PE
Charlie Casey, PE
Gary Lee, PE
Division Engineers

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