SURVEY INFORMATION NEEDED FOR CULVERT DESIGN COMPUTATIONS ON EXISTING OR PROPOSED CULVERTS

Job Name________________ County____________ Location________________
Section________________ Township__________ Range_________________
Hydrologic Data: ADA________________ Curve No._________________

Type of Road: (a) Private Lane ____________ (b) Township Road ________________
Type of Surface: Dirt____ Gravel____ Blacktop____ Concrete______________
What future improvements are planned for the road? ______________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Get profile of bottom bank for 500' to 1000' downstream with cross sections every 100' to 000' at restricted sections.

Get profile of approach channel 500' upstream from culvert and continue profile across centerline of pipe.

PROFILE ALONG CULVERT

Elevation of low point in road (to the nearest tenth)________

____Invert of outlet (nearest hundredth)________
____Invert of inlet (nearest hundredth) of proposed control elevation

Diameter____Length_____

Type Culvert: Round____ Elliptical____ CMP____ Smooth________

Bridge: R/C____ Piling____ Plank____ Span____ Distance____ Height_____

Does existing culvert have headwall? Yes____ No____ Size_____ Length_____

Straight Headwall______ Flared Headwall _______ Thickness_________

Square Entrance _______ Beveled Entrance _______________________

Depth of headwall at upstream end below invert of pipe _______________________

Designed________________ Date________________
USDA United States Department of Agriculture
Natural Resources Conservation Service

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