

Bridge Scour Code Definitions

Mn/DOT CODE	LITERAL TITLE	DESCRIPTION
A	NON-WATERWAY	Bridge not over waterway.
B	CLOSED-SCOUR	Bridge is closed to traffic; field review indicates that failure of piers and/or abutments due to scour is imminent or has occurred.
C	CLOSED-NOT SCOUR	Bridge is closed to traffic for reasons other than scour.
D	OBS SCOUR-IMM PROT REQ	Bridge is scour critical; field review indicates that extensive scour has occurred at bridge foundations. Immediate action is required to provide scour countermeasures.
E	CULVERT	Culvert structure. Scour calculation, evaluation, and/or screening has not been made.
F	NO EVAL-FOUND KNOWN	Bridge Structure. Scour calculation, evaluation, and/or screening has not been made. All substructure foundations are known.
G	NO EVAL-FOUND UNKNOWN	Scour calculation, evaluation and/or screening has not been made. Bridge on unknown foundations.
H	FOUND ABOVE WATER	Bridge foundations (including piles) well above flood water elevations.
I	SCREEN-LOW RISK	Bridge screened, determined to be low risk for failure due to scour.
J	SCREEN-SCOUR SUSC	Bridge screened, determined to be scour susceptible.
K	SCREEN-LIMITED RISK	Bridge screened, determined to be of limited risk to public, monitor in lieu of evaluation and close if necessary.
L	STABLE-EVAL	Scour evaluation complete, bridge judged to be low risk for failure due to scour.
M	STABLE-SCOUR ABOVE FTG	Bridge foundations determined to be stable for calculated scour conditions; calculated scour depth from the scour prediction equations is above top of footing.
N	STABLE-SCOUR IN FTG/PILE	Bridge foundations determined to be stable for calculated scour conditions; calculated scour depth from the scour prediction equations is within limits of footing or piles.
O	STABLE-ACTION REQUIRED	Bridge foundations determined to be stable for scour conditions; Scour action plan requires additional action.
P	STABLE DUE TO PROT	Countermeasures have been installed to correct a previously existing problem with scour. Bridge is no longer scour critical. Scour countermeasures should be inspected at least once every 4 years and after major flows, or as recommended in the scour action plan. Report any changes that have occurred to countermeasures.
R	CRITICAL-MONITOR	Bridge has been evaluated to be scour critical. Scour action plan recommends monitoring the bridge during high flows and closing if necessary.
U	CRITICAL- PROT REQ	Bridge has been evaluated to be scour critical. Scour action plan recommends this bridge as a priority for installation of countermeasures. Until countermeasures are installed, monitor bridge during high flows and close if necessary.