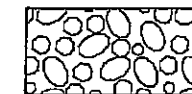


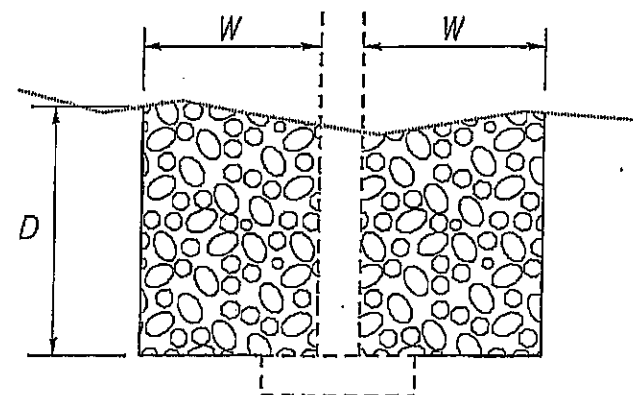
PLAN



EXISTING RIPRAP



PROPOSED RIPRAP



TYPICAL PIER ELEVATION

BILL OF MATERIAL (054-0063)

STONE RIPRAP, CLASS A5	470 TONS
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NOTES:

DIMENSION W SHALL BE 10' FROM THE FACE OF THE PIER. DIMENSION D SHALL BE THE LESSER OF THE DEPTH TO THE TOP OF THE FOOTING OR 4' BELOW THE EXISTING GRADE.  
ANY EXISTING RIPRAP WITHIN THE LIMITS OF THE PROPOSED RIPRAP SHALL BE EXCAVATED TO ACHIEVE THE PROPER DEPTH "D".  
THE COST OF EXCAVATING AND MATERIAL DISPOSAL SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE FOR STONE RIPRAP, CLASS A5.  
FILTER FABRIC AND BEDDING STONE SHALL NOT BE REQUIRED IN THE PROPOSED RIPRAP AREAS.

054-0063 RIPRAP DETAIL  
VARIOUS ROUTES  
SECTION D 6 SCOUR MITIGATION  
VARIOUS COUNTIES