

DRAINAGE STRUCTURE IMPROVEMENT DETAIL

LOCATION #7 STA. 187+25.00

NOTE:

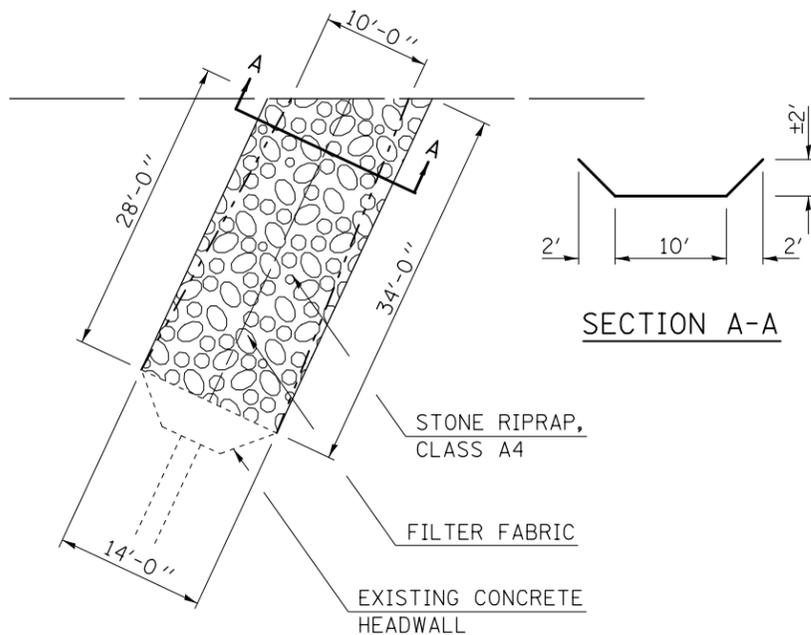
THE EXISTING STRUCTURE AT STATION 187+25.00 CONSISTS OF A MEDIAN INLET BOX AND A 24" PIPE CULVERT, TYPE 1, R.C.C.P. WITH CONCRETE HEADWALLS. THE STRUCTURE IS IN GOOD CONDITION, BUT AT THE DOWNSTREAM (NORTH) END THERE IS SCOUR AROUND THE TOEWALL WITH DITCH EROSION OCCURING BETWEEN THE EXISTING R.O.W. LINE AND THE CONCRETE HEADWALL.

THE PROPOSED SCOPE OF WORK IS TO RE-GRADE THE DITCH TO ACCEPT A TREATMENT OF CLASS A4 RIPRAP THAT EXTENDS FROM THE DOWNSTREAM CONCRETE HEADWALL TO THE EXISTING R.O.W. LINE. THE RIPRAP SHOULD BE PLACED IN SUCH A MANNER TO PROTECT THE DOWNSTREAM CHANNEL WITHOUT IMPEDING FLOW FROM THE ADJACENT DITCHES. THE RIPRAP ELEVATION AT THE UPSTREAM END SHALL MATCH THE CONCRETE HEADWALL INVERT AND THE RIPRAP ELEVATION AT THE DOWNSTREAM END SHALL MATCH THE EXISTING GROUND FLOWLINE. EARTHWORK REQUIRED FOR RIPRAP OPERATIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCIDENTAL TO STONE RIPRAP, CLASS A4.

BILL OF MATERIALS

LOCATION # 7; STATION 187+25.00

ITEM #	DESCRIPTION	UNIT	QUANTITY
28100107	STONE RIPRAP, CLASS A4	SQ YD	50.00
28200200	FILTER FABRIC	SQ YD	50.00



PLAN
DETAIL "A"

