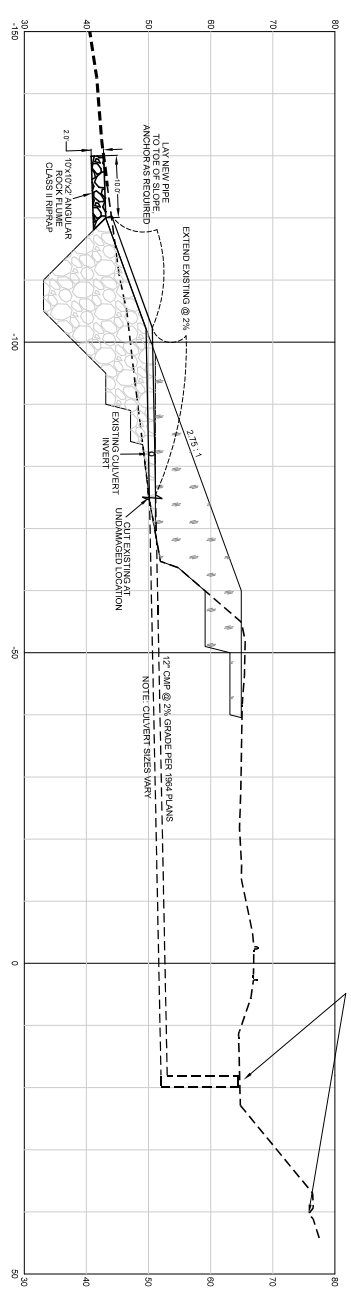


ESTIMATED SLOPE STABILIZATION QUANTITIES

STATION	ANGULAR ROCK-FILL	COMPACTED SAND/DRAVEL	EXCAVATION
STA 5217+50 - 5220+00	2545 C.Y.	1918 C.Y.	3378 C.Y.
STA 5226+25 - 5230+25	4596 C.Y.	5571 C.Y.	5238 C.Y.
STA 5232+50 - 5235+25	2750 C.Y.	3482 C.Y.	7743 C.Y.
TOTALS	9891 C.Y.	10971 C.Y.	16380 C.Y.

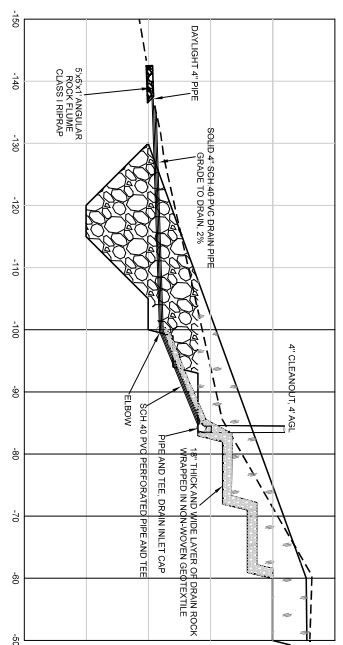
A TYPICAL SLOPE STABILIZATION
SCALE: 1" = 10 FEET



ESTIMATED UNDERDRAIN OUTFALL QUANTITIES

STATION	PIPE DIAMETER	NEW PIPE EXTENSION LENGTH	CLASS II RIPRAP
5219+38	12"	80 L.F.	15 C.Y.
5224+38	12"	60 L.F.	15 C.Y.
5226+38	18"	60 L.F.	15 C.Y.
5228+38	12"	80 L.F.	15 C.Y.
5234+40	24"	60 L.F.	15 C.Y.

B TYPICAL UNDERDRAIN OUTFALL DETAIL
SCALE: 1" = 10 FEET



C TYPICAL BLANKET/BENCH DRAIN
SCALE: 1" = 10 FEET
INSTALL AS REQUIRED IN SPERGES, AS DIRECTED ARRC
FOOTINGS REQUIRED ONE IN EACH OF THE AREAS.
5227+00 - 5228+50
5231+00 - 5232+00
5232+50 - 5234+50

NOTE: THESE SECTIONS WERE BASED UPON THE GEOTECHNICAL RECOMMENDATIONS FOUND IN REPORT FROM GOLDER ASSOCIATES ANCHORAGE, AK, DATED JULY 1, 2019, OBTAINED FOR THIS PROJECT.

CLIENT	ALASKA RAILROAD	DWG NUMBER	19-57
PROJECT	ARRC MP 103 EARTHQUAKE DAMAGE IMPROVEMENT PLANS	DATE	8/27/2019
SHEET TITLE	IMPROVEMENT PLANS	SHEET NO	2 OF 12