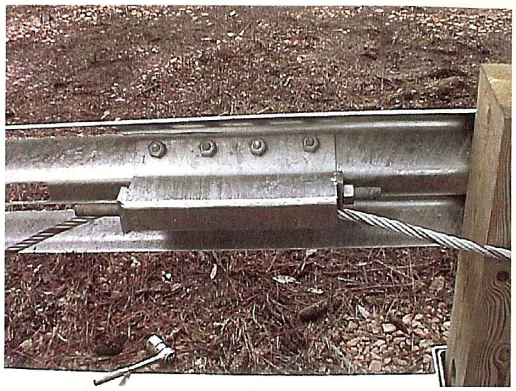

Insert the 6' 6" cable "AP22" into the anchor box (plate) as shown.

Pass the other end of the 6' 6" cable through the base of post 1 and attach on the other side of the bearing plate "AP282". Both ends need a 1" Nut and Washer.

Tighten both ends of the cable, being sure that the cable does not twist.

Attach the buffer end with (4) splice bolts and nuts.

Check to be sure that all bolts are tightened and both cables are taut.

Congratulations on a successful installation of the REGENT-C!

INSTALLATION NOTES/CHECKLIST

- ❑ The rail is not connected to post #2.
- ❑ The rail shall be oriented so that the engineered slots are located upstream of the adjacent anchor box hole pattern.
- ❑ The post offset dimensions are given to the back face of the rail from the tangent line (face of blockouts of downstream rail).
- ❑ All bolts, nuts, cable assemblies, cable anchors and bearing plates shall be galvanized.
- ❑ All timber shall receive a preservation treatment in accordance with AASHTO M133 after all holes are drilled and end cuts are made.
- ❑ The soil tubes shall not protrude more than 4" above the groundline (measured along a 5' 0" cord). Site grading may be necessary.
- ❑ The soil tubes may be driven with an approved driving head. They shall not be driven with the wood post in the tube. If the soil tubes are placed in drilled holes, the backfill material must be satisfactorily compacted to prevent settlement.
- ❑ When rock is encountered during excavation, a 12" Dia. post hole, 20" deep may be used if approved by the engineer. Granular material will be placed in the bottom of the hole and backfilled with adequately compacted material excavated from the hole.
- ❑ The breakaway cable assembly, and the system cable must be taut. A locking device, (vice grips or channel lock pliers) should be used to prevent the cable from twisting when tightening nuts.
- ❑ The system cable should pass behind post #2, through to the traffic face of the rail. The cable should travel downstream in the valley and be resting in the cable clips at posts # 3 and 5. The cable

passes to the backside of the rail after post #6 and attaches at the cable box upstream of post #7.

- The wood blockouts shall be "toe-nailed" to the rectangular wood posts to prevent them from turning.

- A 4:1 slope is desirable. If the Length of Need begins on a traversable embankment slope (3:1 or flatter) but less than a 4:1, and the guardrail can be extended back 100 ft. or less to provide a 4:1 slope, the guardrail should be extended.

- Steeper slopes consistent with the approach side slopes may be used if Right-Of-Way constraints exist.

- 16d nails through 5/8" Dia. holes and bent on bearing plate to eliminate rotation.

- Apply yellow and black object safety marker (12" X 12" Type III Reflective Sheeting) to nose after curving.

USER NOTES