**NOTES**

**STANDARD BARRIERS:** Construct Single Slope Concrete Barrier Types B, B1, C, or C1 as shown on SCD RM-4.3. For barrier information not shown on this drawing, see CMS 622.

Concrete: use concrete with a minimum design strength of 4000 psi conforming to the requirements of CMS 499. Construct top and end edges with a radius of 1/2 inch, except at light pole foundations. The area between barrier faces shall be completely filled with concrete.

**CONTRACTION JOINTS:** Maximum allowable spacing of unsupported joints is 20' throughout the run of the barrier. Construct joints by using metal inserts inside the forms, prefabricated full width joint filler, or grooving the face. Provided full width joint filler is used, it shall not be less than 1/4 inch thick. Every 20' shall have a 3" depth. Saw as soon as curing will allow to prevent spalling.

**CONSTRUCTION JOINTS:** Barrier runs with abutting vertical surfaces at either required or permissible construction joints are to be doweled to each other by use of 1/4" x 3" deformed dowel bars as per CMS 622. Bars are to be placed as shown on the RACEWAY and DOWEL BAR PLACEMENT detail on SCD RM-4.3.

**EXPANSION JOINTS:** Construct 1/4" joint with CMS 705.03 filler at indicated positions.

Reinforced or anchor sections, as shown on SCD RM-4.3, are required only at the expansion joint between the normal barrier section and the start of the transition, not at expansion joints within the limits of the pier column protection.

**RACEWAY:** Locate as shown in RACEWAY PLACEMENT detail, unless otherwise directed by the Engineer. Keep raceway clear of obstructions. Gradually adjust the raceway height to match placement in abutting barrier.

Cost of the 4" polyvinyl chloride raceway is included where shown on the plans. Additional raceways and No. 10 AWG copper-clad or aluminum-clad wire is also included where shown on the plans for future installation of circuits.

**PAYMENT** will be made at the unit price bid per foot for ITEM 622 - Concrete Barrier, Single Slope, Type ____ , and include all materials, labor, raceways and other incidentals necessary to construct this barrier transition.

Payment for the reinforced or anchor, will be made at the unit price bid per foot for ITEM 622 - Concrete Barrier, End Anchorage, Type ____ . This includes all materials, labor, and other incidentals necessary to construct this anchor.