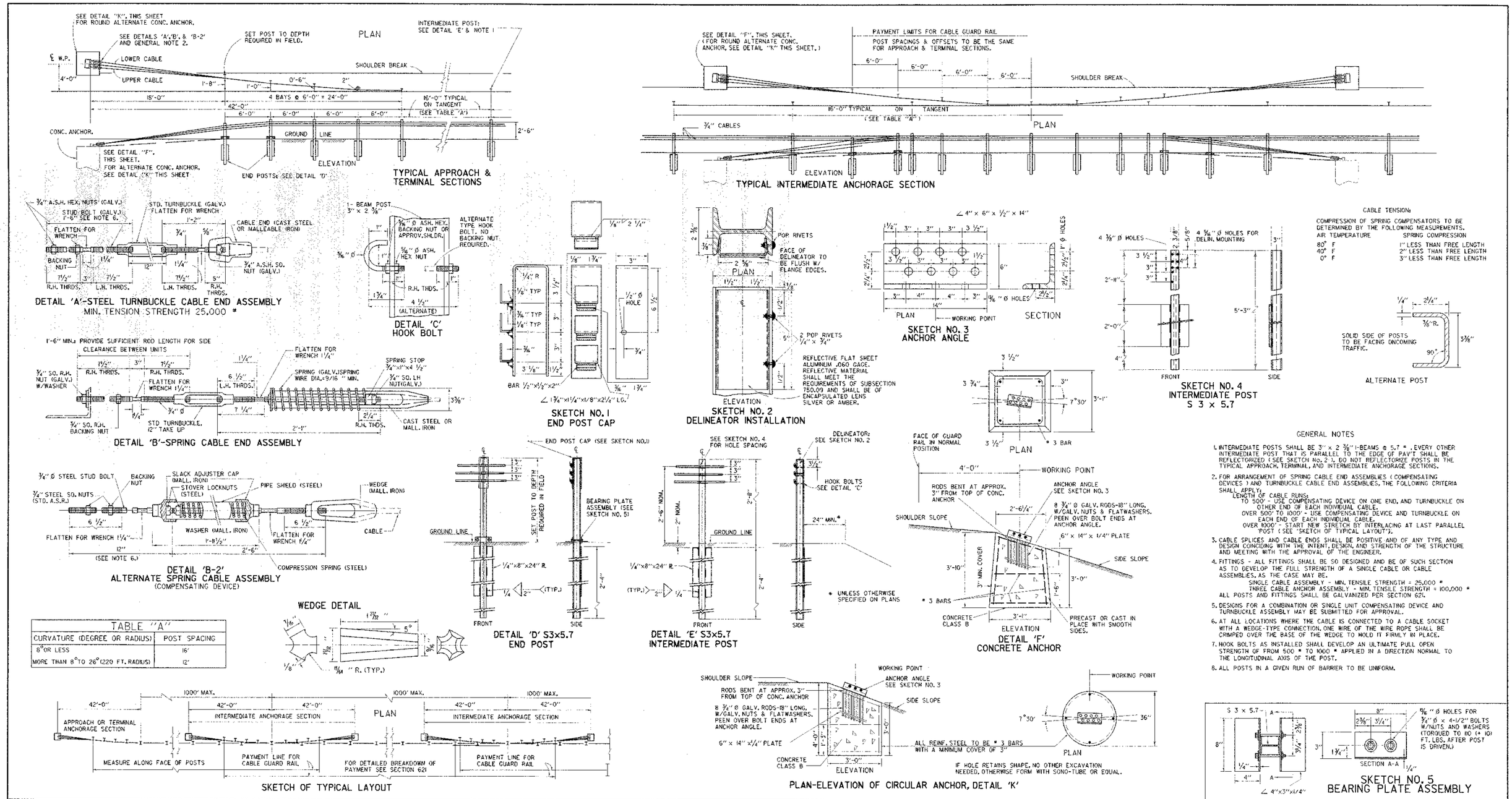

TABLE "A"	
CURVATURE (DEGREE OR RADIUS)	POST SPACING
8° OR LESS	16'
MORE THAN 8° TO 26° (220 FT. RADIUS)	12'

GENERAL NOTES

1. INTERMEDIATE POSTS SHALL BE 3" x 2 3/8" I-BEAMS @ 5.7 # ; EVERY OTHER INTERMEDIATE POST THAT IS PARALLEL TO THE EDGE OF PAV'T SHALL BE REFLECTORIZED (SEE SKETCH NO. 2). DO NOT REFLECTORIZE POSTS IN THE TYPICAL APPROACH, TERMINAL, AND INTERMEDIATE ANCHORAGE SECTIONS.
2. FOR ARRANGEMENT OF SPRING CABLE END ASSEMBLIES (COMPENSATING DEVICES) AND TURNBUCKLE CABLE END ASSEMBLIES, THE FOLLOWING CRITERIA SHALL APPLY:
   LENGTH OF CABLE RUNS:
   TO 500' - USE COMPENSATING DEVICE ON ONE END, AND TURNBUCKLE ON OTHER END OF EACH INDIVIDUAL CABLE.
   OVER 500' TO 1000' - USE COMPENSATING DEVICE AND TURNBUCKLE ON EACH END OF EACH INDIVIDUAL CABLE.
   OVER 1000' - START NEW STRETCH BY INTERLACING AT LAST PARALLEL POST (SEE SKETCH OF TYPICAL LAYOUT).
3. CABLE SPLICES AND CABLE ENDS SHALL BE POSITIVE AND OF ANY TYPE AND DESIGN COINCIDING WITH THE INTENT, DESIGN, AND STRENGTH OF THE STRUCTURE AND MEETING WITH THE APPROVAL OF THE ENGINEER.
4. FITTINGS - ALL FITTINGS SHALL BE SO DESIGNED AND BE OF SUCH SECTION AS TO DEVELOP THE FULL STRENGTH OF A SINGLE CABLE OR CABLE ASSEMBLIES, AS THE CASE MAY BE.
   SINGLE CABLE ASSEMBLY - MIN. TENSILE STRENGTH = 25,000 #
   THREE CABLE ANCHOR ASSEMBLY - MIN. TENSILE STRENGTH = 100,000 #
   ALL POSTS AND FITTINGS SHALL BE GALVANIZED PER SECTION 621.
5. DESIGNS FOR A COMBINATION OR SINGLE UNIT COMPENSATING DEVICE AND TURNBUCKLE ASSEMBLY MAY BE SUBMITTED FOR APPROVAL.
6. AT ALL LOCATIONS WHERE THE CABLE IS CONNECTED TO A CABLE SOCKET WITH A WEDGE-TYPE CONNECTION, ONE WIRE OF THE WIRE ROPE SHALL BE CRIMPED OVER THE BASE OF THE WEDGE TO HOLD IT FIRMLY IN PLACE.
7. HOOK BOLTS AS INSTALLED SHALL DEVELOP AN ULTIMATE PULL OPEN STRENGTH OF FROM 500 # TO 1000 # APPLIED IN A DIRECTION NORMAL TO THE LONGITUDINAL AXIS OF THE POST.
8. ALL POSTS IN A GIVEN RUN OF BARRIER TO BE UNIFORM.

REVISIONS AND CORRECTIONS	
DEC. 8, 1971	- ORIGINAL APPROVAL DATE
DEC. 22, 1980	- REVISED END POST AND ANCHOR DETAILS
APR. 16, 1981	- CHANGED SKETCH # OF BEARING PLATE ASSEMBLY DETAIL
JUNE 11, 1984	- CHANGED DETAIL 'C', HOOK BOLT
OCT. 31, 1985	- REVISED TO CONFORM TO 1986 SPECIFICATIONS
JUNE 1, 1994	- REISSUED, WITHOUT CHANGE, UNDER NEW SIGNATURES
FEB. 11, 2008	- REVISED POST DETAILS, MINOR REVISIONS

APPROVED

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FEDERAL HIGHWAY ADMINISTRATION

CABLE GUARDRAIL (WITH STEEL POSTS)
ANCHOR FOR CABLE RAIL

VERMONT AGENCY OF TRANSPORTATION

STANDARD
G-6