Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division IX: Incidentals
Title: Median Cable Barrier and Anchor System

Run Number
Location
Offset
Drawing Number

Attribute Numbers	Compliance	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Recommended
1.		Proper salvage, removal and disposal of existing materials have been done.	Standard Specifications 905-3.05
2.		Certificates of Analysis are submitted for high strength anchor bolts (anchor bolts are critical to the anchoring and tensioning of the cables).	Standard Specifications 1012-1
3.		Certificates of Compliance are submitted for other components.	Standard Specifications 1012-1
4.		Blue stake is done before placement of the post (locating utilities, pipes, box culverts and sleeves.	Standard Specifications 107.15
5.		An approved concrete mix design was used for the anchoring foundation.	Manufacturer Drawings
6.		The contractor has submitted a detailed work plan for installing and initial tensioning of the cable for approval by the engineer.	Manufacturer Drawings
7.		Layout is in accordance with plans or changes are approved.	Manufacturer Drawings
8.		Overlap separation and lap distances of cable runs are verified (proper overlap separation and lap distances are important to assure continuity of the guardrail system).	Manufacturer Drawings
9.		Slopes are no steeper than 6:1 (the slope in front of the cable barrier should not be steeper than 6:1 and preferably 10:1).	Manufacturer Drawings
10.		The grade is solid and able to maintain a 21-inch distance from the grade to the bottom of the bottom cable.	Manufacturer Drawings

11.		The anchor footer is a minimum of 4 feet x 5 feet x 3 feet 4 inches in depth.	Manufacturer Drawings
12.		Over excavation of the anchor footing is compacted or filled in with concrete.	Manufacturer Drawings
13.		All anchors reinforcing steel placement is verified (proper anchorage is essential to cable barrier impact performance).	Manufacturer Drawings
14.		The center of the breakaway anchor angle is 2 foot 2 inches from the edge of the footing (on the nearest adjacent traffic side).	Manufacturer Drawings
15.		The breakaway anchor post is 2 feet from the edge of the footing (on the traffic side).	Manufacturer Drawings
16.		The spacing distance from the slip post to the first line post is 16 feet.	Manufacturer Drawings
17.		The spacing distance from the first line post to the second line post does not exceed 8 feet.	Manufacturer Drawings
18.		The line posts are NOT driven to full depth during initial installation (wire height will control post embedment depth).	Manufacturer Drawings
19.		All posts are plumb with the plates parallel to the cables.	Manufacturer Drawings
20.		Post spacing does not exceed 16 feet, with 12 to 16 feet typical (post spacing beyond 16 feet may result in excessive sagging).	Manufacturer Drawings
21.		Cables are oriented correctly from the anchor post bracket to the breakaway anchor angle (critical to tensioning of cable and impact performance).	Manufacturer Drawings
22.		All welds have NO visible cracks or defects.	Manufacturer Drawings
23.		The anchor bolts for the anchor post slip base have been torqued to 26 ft-lbs. (to allow the base to properly slip on impact).	Manufacturer Drawings
24.		The keeper rod (1/16 inch) is properly set in the breakaway anchor angle.	Manufacturer Drawings
25.		On spring cable end assembly and turnbuckle end assembly, the 3/4-inch galvanized rounded square nut is used.	ARTBA Drawings RCEO1, RCEO3 and FNS20 Manufacturer Drawings
26.		Wedges have been properly woven into the cable at fittings and splices.	Manufacturer Drawings
27.		The vertical cable spacing is 6 inches center-to-center.	Manufacturer Drawings
28.		Initial tensioning is performed in accordance with the spring adjustment table.	Manufacturer Drawings
29.		Clear distance of at least 10 feet is available on the opposite side of the impact area.	Manufacturer Drawings
30.		The installation and tensioning of individual cable runs are completed in one work shift.	Manufacturer Drawings
31.		The final adjustment of post height is made after the cable tensioning and final grading (mounting height of barrier is important to the impact performance).	Manufacturer Drawings
32.		No punching, drilling, cutting or welding was performed after galvanization.	Manufacturer Drawings
33.		All exposed steel, connection hardware, and cable fittings (except wedges) are galvanized.	Manufacturer Drawings

34.		All line post and anchor post are painted after installation?	Manufacturer Drawings
35.		Reflectorized delineators are installed on every fourth post.	Traffic Standard Drawing 4-M-4.01
36.		Thirty calendar days after initial tensioning, the contractor has re-tensioned each cable in accordance with the spring adjustment table (excessive tension loss may require cutting of cables).	Special Provisions
37.		Quantlist Minimum Frequency is being followed, One per run	Construction Bulletin 07-01