Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division IX: Incidentals
Title: Brifen Wire Rope Safety Fence

Plan Reference Number
Station
Offset
Length of Run

Attribute Numbers	Compliance	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Recommended
1.		The Contractor furnished Certificates of Compliance conforming to the requirements of Subsection 106.05, which state that steel or iron products incorporated in the project meet the "Buy America" Act requirements certifying that all manufacturing processes producing a steel or iron product, including any application of a coating to iron or steel, occurred in the United States.	Special Provisions 106.05
2.		The certificates of analysis are submitted for the wire rope, posts and anchor frames.	Special Provisions 106.05 (C)
3.		When a traffic control plan is included in the project plans, this plan shall govern unless an alternate plan, acceptable to the Engineer, is submitted by the contractor.	Standard Specifications 701-1
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 (4000 PSI) is used for the anchoring and post foundation.	
6.		Lateral placement of system is in accordance with the project plans (or approved changes).	Plan Detail
7.		Outside and inside concrete end anchor block size is a minimum 3 feet 6 inches wide by 4 feet long and 3 feet 6 inches deep with the anchor frame "A70" installed in the center.	
8.		Maximum spacing of the two concrete end anchors is approximately 10 feet 6 inches as measured from center to center of the anchor frames(± 2 feet).	

9.		Bottom of channel flows away from the anchor frame "A70" and allows the water to run out to the rear of the block.	
10.		Safety check rope "A64" is installed at the ends to the anchor frame "A70".	
11.		Anchor pad dome is slightly higher than the anchor frame "A70".	
12.		A 1/8 inch thick HDPE washer (A73), 4 inches by 4 inches by ¾ inch steel washer (A72) and mechanical fitting (A71) is used at the anchor connection.	
13.		Outer deflection post is a maximum of 21.0 feet from the center of the inside anchor.	
14.		Inner deflection post has a bottom metal inverted deflection hook.	
15.		Inner deflection post is a maximum of 10 feet 6 inches from the outer deflection post (± 1 foot).	
16.		Socketed line post foundation is a minimum of 14 inches in diameter by 36 inches in depth.	
17.		Post foundation spacing is a maximum of 10 feet 6 inches (± 6 inches) or as shown on plans (may be adjusted closer to avoid obstacles in conflict with line post).	
18.		Correct "Left" or "right" socket posts are installed (radiused edge of posts are on the approach side of near traffic).	
19.		Three locating pegs are installed on each post (pegs are for installation purposes only).	
20.		Post foundation has the socket (A40) installed centered and plumb.	
21.		An eight inch diameter #3 deformed reinforcing ring is placed in the socketed concrete foundation.	
22.		Excluder is pushed down tight against top of socket.	
23.		Post foundation concrete is slightly domed at the top to minimize drainage into the socket.	
24.		Rigging screws are staggered, no more than two are located between the same two line posts.	
25.		There are no rigging screws between the anchor and outer deflection posts.	
26.		Top rope "A" starts and ends on the outer anchor pad and runs thru the slot at the top of the post.	
27.		Upper Mid-rope "B" starts and ends on the outer anchor pad and weaves thru the posts.	
28.		Lower Mid-rope "C" starts and ends on the inner anchor and weaves through the posts.	
29.		Bottom Rope "D" starts and ends on the inner anchor pad and weaves through the posts.	
30.		Top rope "A" is 28-3/8 inches from the rope to the ground (± 1/2 inches).	
31.		Mid ropes "B & C" are 26-9/16 inches from the ropes to the ground (± 1/2 inches).	
32.		Bottom rope "D" is 20-1/16 inches from the rope to the ground (± 1/2 inch).	
33.		Post caps are installed on all posts.	

34.		Wire ropes are properly tensioned after installation (using the manufacturer's tension chart).	
35.		The tension log is completed and submitted.	Special Provisions
36.		Retro reflective sheeting tape field is applied to the approach side of the excluders at every 4th post.	Special Provisions
37.		Sand barrel crash cushions if applicable are located (station and offset) in accordance with the plans.	Plan Detail
38.		Sand barrel crash cushion foundation if applicable is in accordance with the project plans.	Plan Detail
39.		Sand barrel crash cushions are configured in accordance with the plans (number of barrels, weights and spacing).	Plan Detail Signing and Marking Standard Drawings C-1 Note 1
40.		Has the testing been performed on the sand barrel crash cushion sand.	Standard Specifications 702-2.03
41.		Sand barrel crash cushions are yellow unless otherwise stated in the plans.	Signing and Marking Standard Drawings C-1 Note 8
42.		Sand barrel crash cushion has the proper object marker (delineation) on it.	Signing and Marking Standard Drawings M-35
43.		Quantlist Minimum Frequency is being followed., One per run	Construction Bulletin 07-01