

Diary Number: \_\_\_\_\_

Inspector Name: \_\_\_\_\_

TRACS Number: \_\_\_\_\_

Date: \_\_\_\_\_

**Division IX: Incidentals**  
**Title: Wire Fence and Gates**

Station
Run Number
Offset
Type
Detail 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.		The contractor has taken all measures necessary to restrict livestock to the land where it is being kept.	Standard Specifications 903-3.01
2.		Certificates of compliance with all required information are submitted for all materials except subsections 903- 2.02, posts and braces, and 903-2.04 fencing wire.	Standard Specifications 903-2.01
3.		The contractor has set all fence survey stakes prior to post placement.	Standard Specifications 925-3
4.		Posts, braces and fencing wire materials are sampled, tested and approved.	ADOT Materials Testing Manual Series 900 Appendix C Materials Testing Manual 903
5.		An approved utility concrete mix design is used for the footings.	Standard Specifications 1006 Standard Specifications 903-2.03 Standard Specifications 922
6.		The contractor has cleared the fence lines of all earth, trees, brush and other obstructions within the right-of way.	Standard Specifications 201-3.02 Standard Specifications 903-3.01
7.		The correct type of fence is used.	Plans Detail
8.		Fence along the right of way is located 6 inches in from the staked right of way line.	Standard Drawing C-12.10

9.		Line posts are spaced correctly (12' max. from corner posts, then 16' max. for 5 wire, or 25' max. for 4 wire) and measured parallel to the ground slope.	Standard Drawing C-12.10
10.		Concrete footings for end, corner, pull, latch, gate posts and braces are the proper size (10" diameter by 3' deep and 1' x 1' x 1.5' or equivalent for braces) and crowned on top to shed water.	Standard Drawing C-12.10
11.		All posts are placed plumb unless otherwise directed by the Engineer.	Standard Specifications 903-3.02
12.		The same type of line post is used throughout the project.	Standard Specifications
13.		High points between posts which interfere with the placing of woven wire fence fabric are excavated to provide the clearance shown on the plans.	Standard Specifications 903-3.02
14.		Intermediate line posts are placed to insure proper distances between the bottom wire and the ground (where abrupt changes occur in the fence line grade).	Standard Specifications 903-3.02
15.		The distance from the bottom wire to the ground for barbed wire game fence is 16" +/- 4".	Standard Specifications 903-3.02 Standard Specifications 903-3.02
16.		The distance from the bottom wire to the ground for barbed wire Type 2 fence is 10" +/- 4".	Standard Specifications 903-3.02
17.		The distance from the bottom wire to the ground for Type 1, 2, 3 and 4 woven wire fence is 4" +/- 1".	Standard Specifications 903-3.02
18.		Changes in the fence horizontal alignment of 15 degrees or more have a corner post assembly (strain post).	Standard Specifications 903-3.02
19.		Barbed wire intermediate post assemblies (strain posts) are placed at intervals of not more than 650' between other braced posts.	Standard Specifications 903-3.02
20.		Woven wire fence intermediate post assemblies (strain posts) are placed at intervals of 650' or less (to the nearest full roll end) between other braced posts.	Standard Specifications 903-3.02
21.		Line posts for woven wire fence and Type 1 and Type 2 barbed wire fence are 7' long with 4' 6" above ground and 2' 6" below ground.	Standard Drawing C-12.10
22.		Line posts for barbed wire game fence are 6 feet 6 inches long with 4' 0" above ground and 2' 6" below ground.	Standard Drawing C-12.10
23.		Line posts are driven into undisturbed earth without damaging the post.	Standard Specifications 903-3.02
24.		Barbed wire or woven wire fabric is stretched taut and attached to the posts as specified.	Standard Specifications 903-3.02
25.		Barbed wire or woven wire fabric is securely tied off at each post assembly (strain post).	Standard Specifications 903-3.02
26.		There are a maximum of two splices on barbed wire between post assemblies (strain posts) but not on the same wire.	Standard Specifications 903-3.02
27.		There are no splices within 100' of any post assembly (strain post).	Standard Specifications 903-3.02
28.		All longitudinal wires are attached to line posts at the correct height and spacing.	Standard Specifications 903-3.02

29.		Stays are installed as specified.	Standard Drawing C-12.10
30.		At all grade depressions where stresses tend to pull the posts from the ground, fence posts are anchored in concrete or the fence wires are weighted with concrete sag weights.	Standard Specifications 903-3.02
31.		Sag weights of not less than 100 pounds are used.	Standard Specifications 903-3.02
32.		Correct type and size gates are installed in accordance with the project plans.	Standard Drawing C-12.10
33.		Floodgates are installed as specified.	Standard Drawing C-12.10
34.		When required, sag weights for flood gates weight 35 pounds.	Standard Specifications 903-3.03
35.		Quantlist Minimum Frequency is being followed, One per Week.	Construction Bulletin 07-01