

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

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

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

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

**Division IX: Incidentals**  
**Title: Chain Link Fence and Gates**

Station
Run Number
Offset
Type
Detail Drawing Number
Fence Height

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 902-3.01
2.		Certificates of compliance with all required information are submitted for all materials except Subsection 902-2.08 (barbed wire).	Standard Specifications 902-2.01
3.		The contractor has set all fence survey stakes prior to post placement.	Standard Specifications 925-3
4.		Type 2 fence barbed 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 902-2.03
6.		The contractor has cleared the fence lines of all earth, trees, brush and other obstructions within the right-of way.	Standard Specifications 902-3.01
7.		The correct type and height of fence is used.	Plans Detail
8.		Tie wires and hog rings are the same diameter and breaking strength (gauge) as the fence fabric.	Standard Specifications 902-2.05
9.		Stretcher bars are 3/16" by 3/4" steel flat bars.	Standard Specifications 902-2.07

10.		Stretcher bar bands are 1/8" by 1" preformed steel bands. [Construction Standard Drawings]	Standard Specifications 902-2.07
11.		Fence along the right of way is located 6" in from the staked right of way line.	Standard Drawing C-12.20
12.		Line posts are spaced at not more than 10 feet (center to center) measured parallel to the ground slope.	Standard Drawing C-12.20
13.		The foundation holes are the proper size (minimum 10 inches in diameter) and spaced as shown on the plans.	Standard Drawing C-12.20
14.		All posts are placed plumb unless otherwise directed by the Engineer.	Standard Specifications 902-3.02
15.		Identical line posts are used throughout the project.	Standard Specifications 902-2.02 (A)
16.		Changes in the fence vertical alignment of 10 degrees or more have a corner post assembly (strain post).	Standard Specifications 902-3.02
17.		Changes in the fence horizontal alignment of 30 degrees or more have a corner post assembly (strain post).	Standard Specifications 902-3.02
18.		Intermediate post assemblies (Strain Posts) are placed at intervals of 500 feet or midway between pull posts (strain posts) when the distance between such posts is less than 1,000 feet and more than 500 feet.	Standard Specifications 902-3.02
19.		Tubular posts are fitted with rain-proof tops.	Standard Specifications 902-2.02 (A)
20.		The concrete has cured 72 hours before the fabric is attached to the posts, unless high-early strength concrete was used?	Standard Specifications 902-3.02
21.		Chain link fence fabric is fastened on the outward facing side of the posts, unless otherwise directed by the Engineer (e.g. on concave curve).	Standard Specifications 902-3.03
22.		Fence fabric 60" or less in height is knuckled (bent over) at the top and barbed at the bottom.	Standard Specifications 902-3.03
23.		Fence fabric is 11 gauge for all fence 60 inches or less in height.	Standard Specifications 902-2.04
24.		Fence fabric over 60 inches in height is barbed at both selvages (Top and bottom).	Standard Specifications 902-2.04
25.		Fence fabric is 9 gauge for all fence over 60 inches.	Standard Specifications 902-2.04
26.		Fence fabric is stretched taut and attached to the posts and tension wires as specified.	Standard Specifications 902-3.03
27.		Tension wire is stretched taut along the top and bottom of the chain link fabric.	Standard Specifications 902-3.03
28.		On Type 1 fence, the bottom tension wire is 3 inches from the top of crown on the concrete footing.	Standard Drawing C-12.20
29.		On Type 2 fences, the bottom tension wire is just clear of concrete footing.	Standard Drawing C-12.20
30.		On Type 2 chain link fence the barbed wire is installed as specified.	Standard Drawing C-12.20
31.		There are a maximum of two splices on barbed wire between post assemblies (strain posts) but not on the same wire.	Standard Specifications 902-3.04

32.		The correct size gates are installed in accordance with the project plans.	Standard Specifications 902-2.09
33.		Gates are fabricated and installed in accordance with the specifications.	Standard Drawing C-12.20
34.		Chain link fabric is the same for the fence and the gate.	Standard Specifications
35.		Quantlist Minimum Frequency is being followed, One per Week.	Construction Bulletin 07-01