

906 CATTLE GUARDS

The Project Plans will specify the location and type of cattle guards to be constructed. Each cattle guard must be constructed in conformance with the appropriate Standard Drawings or any special details included in the plans. The item itself consists of furnishing all materials and constructing new cattle guards or reconstructing existing cattle guards as noted on the plans.

Completed cattle guards must be well-drained to prevent ponding of water in the structure. Cattle guards should be carefully constructed to the specified grade and cross slope, with special care being taken to achieve a bump free, smooth riding installation. Errors in the elevation of the cattle guard or the approach grade that cause a bump for traffic must be corrected.

Inspection Guidelines For Cattle Guards

1. Are material certifications available for those items requiring them? If the unit is precast, does the Certificate of Compliance match the unit and is the unit identified as an ADOT cattle guard?
2. Are the steel parts primed?
3. Has the backfill material been compacted to at least 95% of maximum density?
4. Has the concrete been finished and cured in accordance with the specifications?
5. Does the grade and cross slope conform to the surface of the finished pavement?