

## Inspector Quantlist Report 20191206

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

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

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

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

Division II: Grading  
Title: Earthwork

Station:
Offset:
Cut:
Fill:

Attribute Numbers	Weight	Narratives	References
0.	Minor	All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity).	Recommended
1.	Major	The Contractor is protecting property, fences, poles, signs and facilities that are to remain as noted in the plans or special provisions.	Standard Specifications 107.11 Standard Specifications 203-2
2.	Critical	Location of Utilities: Areas are Blued Staked {Arizona 811} prior to beginning work.	Standard Specifications 730-6
3.	Major	All vegetation and other material are cleared within the limits of the work. All trees, stumps and roots are cut off 1 -foot or less above natural ground in embankment 5 feet or more above natural ground.	Standard Specifications 201-3.01
4.	Major	Cavities, holes, trenches and depressions are backfilled with approved materials and compacted to a density of not less than 95 percent of maximum density.	Standard Specifications 201-3.01
5.	Major	Removal and Disposal of Materials: All materials removed in clearing and grubbing shall be disposed of at locations outside of the right-of-way which are not visible from the roadway. The contractor should obtain written permission from the owner of the private property or from the public agency with jurisdiction over the land that material is being dumped.	Standard Specifications 201-3.02 Standard Specifications 107.11
6.	Major	Burning is done after the contractor has obtained a permit from the Arizona Department of Health Services and from any other Federal, State, County or City Agency that may be involved.	Standard Specifications 201-3.02
7.	Major	Removal of Pipe: All removed pipe which is to be salvaged or relaid shall be cleaned of all earth and other material inside and outside prior to being stockpiled or reused. Existing pipe to be partially removed shall be cut with straight and smooth edges on a plane perpendicular to the center line of the pipe.	Standard Specifications 202-3.02
8.	Major	Portland Cement Concrete Pavement is removed from the jobsite or reduced to pieces 24 inches or less for burial in embankment areas.	Standard Specifications 202-3.03 (A) Standard Specifications 203-10.03(A)

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9.	Major	Bituminous pavements to be removed (not by milling) shall be completely removed down to the underlying base course or subgrade. The pavement material shall be removed and in accordance with details and disposed of as specified in the Special Provisions.	Standard Specifications 202-3.03 (B)
10.	Major	Miscellaneous concrete including all or portions of mortared rubble masonry, curbs, gutters, sidewalks, driveways, aprons, slope paving, island paving, retaining walls, spillways, drainage structures, concrete box culverts, foundations, footings and all other Portland cement concrete or masonry construction except bridges and pavement) are removed to a depth of at least five feet below finished subgrade unless otherwise specified in the Special Provisions.	Standard Specifications 202-3.04
11.	Critical	The contractor is following the submitted blasting plan that includes spacing of the drill holes, depth of the holes, amount of explosives to be used in each hole, method of loading, stemming depth, and the time delay between detonations.	Standard Specifications 203-3.03 (C) (2)
12.	Major	When hauling is done over highways or city streets, the loads shall comply with legal load requirements, all material shall be removed from shelf areas of vehicles in order to eliminate spilling of material, and loads shall be watered or covered to eliminate dust.	Standard Specifications 203-2
13.	Major	Construction Requirements: All roadway excavation Shall be finished to a reasonably smooth, uniform surface; shall not vary by more than 0.04 feet above or below the established grade.	Standard Specifications 203-3.03(A)
14.	Major	When Portland Cement Concrete Pavement or Asphaltic Concrete Pavement is placed directly on the Subgrade, the finished surface is within 0.02 feet above and 0.04 feet below the established grade.	Standard Specifications 203-3.03 (A)
15.	Major	Slopes are finished to a reasonably smooth surface and shall be free of all debris and loose material. All shattered or loosened material is removed from rock cut slopes.	Standard Specifications 203-3.03 (B)
16.	Major	Unsuitable material is removed, disposed and replaced with suitable material and compacted to the required densities.	Standard Specifications 203-3.03 (D)
17.	Major	Borrow material is free of vegetation or other unsatisfactory material.	Standard Specifications 203-9.02
18.	Major	For any contractor-furnished source proposed for use, the Contractor has submitted an environmental analysis.	Standard Specifications 203-9.02 Standard Specifications 1001-2 Standard Specifications 104.12
19.	Major	When constructing embankment on a hillside, or against an existing embankment, a horizontal cut is made a minimum of six feet into the existing embankment, except where solid rock is encountered.	Standard Specifications 203-10.03 (A)
20.	Major	The material used in embankment construction should have the required moisture to obtain compaction and no pumping should be observed (see proctor for the maximum moisture).	Standard Specifications 203-10.03 (B)(1)
21.	Major	Embankment containing material greater than 6 inches is not placed within 3 feet horizontally of any planned piling, structures, pole, sign foundations, or underground conduit.	Standard Specifications 203-10.03 (A)
22.	Major	Rocks and boulders greater than 24 inches, but less than 36 inches in maximum dimension are distributed to prevent nesting.	Standard Specifications 203-10.03 (A)
23.	Major	Where embankments are 5 feet or less, the top 6" of the existing grade is compacted to the required density (95% or greater) prior to placement.	Standard Specifications 203-10.03 (B)(1)
24.	Major	When possible, rocky materials are placed in 24 inch layers with sufficient earth or other fine material to fill the interstices	Standard Specifications 203-10.03 (B)(2)

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		and produce a dense compact embankment.	
25.	Major	For predominately rock fills, vibratory compactors, grid, paddle-foot, or vibratory rollers or other compacting equipment are used.	Standard Specifications 203-10.03 (B) (2)
26.	Major	Reshaping and grading existing Improvements is in accordance with the details shown on the project plans, and the requirements of these specifications.	Standard Specifications 204-1
27.	Critical	Compacting and Finishing: The subgrade has been tested for compaction and meets the 95% requirements (100% required when Asphaltic Concrete or Portland Cement Concrete Pavement is to be placed directly on subgrade).	Standard Specifications 205-3.04
28.	Major	The borrow material placed within three feet of the finished subgrade elevation shall conform to the project Special Provisions.	Standard Specifications 203-9.02
29.	Minor	Quantlist Minimum Frequency is being followed, once a week.	Construction Bulletin 07-01