Diary Number: _____ Inspector Name: _____

TRACS Number: _____ Date: _____

Division II: Grading
Title: Earthwork

Station:
Offset:
Cut:
Fill:

Attribute Numbers	Yes / No / NA	Narratives	References
0.		All stakeholders have participated in the pre-activity meeting .	Construction Bulletin 02-01
1.		The Contractor is protecting existing property, fences, poles, signs and facilities that are protected in place as noted in the plans or special provisions. Private mail boxes within the limits of operations shall be temporarily or permanently relocated, as required, by the contractor in such a manner as to permit uninterrupted mail service.	Standard Specifications 2021 107.11 pg.104 Standard Specifications 2021 203-2 pg.191
2.		Location of Utilities: Areas are Blue Staked {Arizona 811} prior to beginning work.	Standard Specifications 2021 107.15pg.116
3.		Clearing and Grubbing: 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 an embankment of 5 feet or more above natural ground.	Standard Specifications 2021 201-3.01 pg.175
4.		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 2021 201-3.01 pg.175
5.		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 2021 107.11 pg.104 Standard Specifications 2021 201-3.02 pg.176
6.		Burning will be permitted only after the contractor has obtained a permit from the ADEQ and from any other Federal, State, County or City Agency that may be involved.(Pg 176)	Standard Specifications 201-3.02 pg.176
7.		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	Standard Specifications 202-3.02 pg.178

		a plane perpendicular to the centerline of the pipe.	
8.		Removal of Pavement: Portland Cement Concrete Pavement designated to be removed from the job site and disposed of at a site secured by the contractor or buried in embankment areas are to be reduced to pieces 24 inches or less. Provided they do not exceed 36 inches in maximum dimension, are carefully distributed to prevent nesting and the interstices are filled with finer material and compacted to form a dense and compact mass.	Standard Specifications 202-3.03 (A) pg.178 Standard Specifications 203-10.03(A) pg. 210
9.		Bituminous Pavement: Unless milling is specified in the Special Provisions, all bituminous pavement designated on the project plans to be removed, shall be completely removed down to the underlying base course or subgrade. The pavement material shall be removed and disposed of as specified in the Special Provisions.	Standard Specifications 202-3.03 (B) pg.179
10.		Removal of Miscellaneous concrete: 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 pg.180
11.		General: 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 pg.191
12.		Construction Requirements: All roadway excavations shall be finished to a reasonably smooth, uniform surface not varying by more than 0.04 feet above or below the established grade. And When PCCP or ACP is placed directly on the Subgrade, the finished surface is within 0.02 feet above for PCCP and 0.04 feet below for ACP the established grade	Standard Specifications 203-3.03(A) pg.192
13.		Slopes:are finished to a reasonably smooth surface and shall be free of all debris and loose material. All shattered or loosened materials are removed from rock cut slopes.	Standard Specifications 203-3.03 (B) pg.193
14.		Controlled Blasting: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) pg.194
15.		Unsuitable material is removed, disposed and replaced with suitable material and compacted to the required densities.	Standard Specifications 203-3.03 (D) pg.195
16.		Borrow material is free of vegetation or other unsatisfactory material.	Standard Specifications 203-9.02 pg.207
17.		The borrow material placed within three feet of the finished subgrade elevation shall conform to the project Special Provisions.	Standard Specifications 203-9.02 pg.207
18.		For any contractor-furnished source proposed for use, the Contractor has submitted an environmental analysis.	Standard Specifications 203-9.02 pg.207 Standard Specifications 1001-2 pg.1115 Standard Specifications 104.12 pg.52
19.		When constructing embankment on a hillside or against an existing embankment, a horizontal cut (bench) is made a minimum of six feet into the existing embankment, except where solid rock is encountered.	Standard Specifications 203-10.03 (A) pg.210

20.		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) pg.210
21.		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) pg.210
22.		The material used in embankment construction should have the required moisture to obtain compaction and no pumping should be observed (see proctor for the optimum moisture).	Standard Specifications 203-10.03 (B)(1) pg.211
23.		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) pg.211
24.		When possible, rocky materials are placed in 24 inch layers with sufficient earth or other fine material to fill the interstices and produce a dense compact embankment.	Standard Specifications 203-10.03 (B)(2) pg.212
25.		For fills, predominantly rock vibratory compactors, grid, paddle-foot, or vibratory rollers or other compacting equipment are to be used.	Standard Specifications 203-10.03 (B)(2) pg.212
26.		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 pg.216
27.		Compacting and Finishing: The subgrade has been tested for compaction and meets the 95% requirements (100% compaction required when Asphaltic Concrete or Portland Cement Concrete Pavement is to be placed directly on subgrade).	Standard Specifications 205-3.04 pg.218
28.		Quantlist Minimum Frequency is being followed, once a week.	Construction Bulletin 07-01