

**TOWN OF FOUNTAIN HILLS
PUBLIC WORKS DEPARTMENT
MINIMUM SAMPLING & TESTING SCHEDULE**

Subgrade Materials:

PI & Pass #200	In suspected poor subgrade areas, to define unacceptable limits.
** Backfill & fill density	One each 2000 sy of lift.
** Subgrade density	One each block or 660', whichever is less.
Proctor	Each change in soil type
Trench Backfill Density	
▪ Town Owned:	Springline, 1' above pipe, and each 2' of thickness above pipe **, for each culvert crossing or every 660' of pipeline.
▪ Utility Owned:	One test for each street crossing or every 660' of pipeline.
(No testing required where non-shrink slurry backfill is used.)	

Untreated Base & Select Material:

* Quality	One each 5,000 tons
* Proctor	One each material change.
Density & Thickness	One each 660'.

Asphaltic Concrete:

* Mineral aggregate quality	One each 5,000 tons
* Asphalt extractions	One each day.
Density	One each block or 300', each pass.
Thickness	One core for each 660'. In addition, core areas suspected of deficient thickness, per MAG Spec. Section 321.6.

Portland Cement Concrete:

Compression test cylinders	Structural: One set of four, 4"x8" cylinders for each 50 cy, for each mix design. Minimum one set per day
Non-structural	(Curb, Aprons, Sidewalk, Driveways, etc): One set of cylinders per day for major placements (over 50 cy/day).
Slump Test	One each set of cylinders and each suspected wet load.

- * **Plant tests are acceptable.**
- ** **Visual report by testing lab acceptable for material too rock to test.**