

Case 11-21

Incorporate Phoenix Supplement Section 623

Sponsor: Syd Anderson, City of Phoenix

SECTION 623

SPECIAL BEDDING FOR MAINLINE STORM DRAIN PIPE Adding in entirety

The Contractor **shall** utilize a commercial-source cement-enriched slurry aggregate base course bedding from the outside bottom of the pipe to the springline of the pipe for all mainline storm drain pipe, except cast-in-place pipe. The slurry aggregate base course shall be per MAG Specification Section 728. The slurry shall have a minimum 8-inch slump, and a minimum of 25 psi compressive strength and a maximum of 100 psi based on a 28 day test. Cement slurry aggregate base course bedding is not required for catch basin connector pipes.

Only commercial-source cement-enriched slurry ABC will be allowed. Batch mixing of slurry on-site by the Contractor will not be allowed. The Contractor shall submit the commercial source mix design for cement-enriched slurry ABC at the pre-construction meeting, along with all other required commercial mix designs.

The Contractor, **at his option**, may excavate a trench having a cross-section with a rounded bottom rather than a flat bottom. If this option is chosen, the trench cross-section must maintain a minimum of 6-inches between the outside wall of the pipe and the trench wall. The minimum trench width at the springline for each side of the pipe, as specified in Section 601, may be reduced to 6-inches for all pipe sizes if this option is used.

The Contractor, **at his option**, may use cement-enriched slurry aggregate base course for the bedding material specified in the City of Phoenix Supplement to MAG Section 601.3.2 **from the springline to one (1) foot over the outside top of pipe.**

If the Contractor elects to use corrugated steel (CSP) or high density polyethylene (HDPE) storm drain pipe, the Contractor shall use cement-enriched slurry aggregate base course material for the entire pipe bedding, to one (1) foot over the outside top of pipe—no option.

There will be no separate measurement or payment for special cement-enriched slurry aggregate base course bedding. The cost shall be considered incidental to the cost of the pipe.