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Consultant Design				
Action	Info	Date 1/9/08 Routing	Attach	Initial
		Bureau Chief		
	✓	Consultant plans Eng		TW
		Design Supervisor		
	✓	CTEP Engineer — HW		
	✓	CPS SECTION		
	✓	ALL CONSULTANTS		
		File		

Memorandum

To: Distribution

From: Paul Ferry, P.E.
Highways Engineer

Date: January 8, 2008

Subject: Tack and Aggregate Tack Quantities

Background Information

In June 2004 we made the decision to eliminate tack as a pay item and include the cost for tack in the cost of the plant mix. The plans still showed a quantity of tack for informational purposes based on one application at a rate of 0.025 gallons per square yard (undiluted).

Since that time we have consistently overrun the quantity of tack applied to concrete when a plant mix overlay is placed on a concrete surface. After reviewing a number of these projects Construction determined that the amount of tack that needs to be applied to a concrete surface should be twice the amount applied to plant mix surfaces.

The different application rates present a problem for the quantity that is shown in the surfacing summary. The quantity that is currently shown is based on one application for a plant mix surface. For a situation where tack was applied to both a concrete and a plant mix surface, the quantity shown in the plans would be misleading.

We currently pay for aggregate tack. Construction has also indicated that paying for aggregate tack and not paying for surfacing tack has caused some problems since both are the same material.

In addition, Construction is in the process of revising how aggregate tack and dust palliative is shown in the plans and described in the specifications. In place of the various combinations of materials that can be applied to the aggregate surface, Construction will now call out "Aggregate Treatment". The contractor will have the option of which materials to use.

Changes to the Plans

We have decided to resolve these two issues as follows:

Two different application rates for tack will be shown in the Basis of Plan Quantities

- A rate of 0.025 gallons per square yard (undiluted)will be shown for tack applied to plant mix surfaces

- A rate of 0.05 gallons per square yard (undiluted) will be shown for tack applied to all other surfaces. This rate will be used for aggregate tack and tack applied to a concrete surface.

- A special provision for Aggregate Treatment and Tack is being developed and will be included in the plans

Tack and Aggregate Tack quantities will no longer be shown on the typical sections nor will any quantities be shown in the surfacing summaries.

Effective Dates

The change to eliminate tack and aggregate tack, and the revisions to the Basis of Plan Quantities takes effect for all projects that will be let to contract after the February 2008 letting.

If you have questions concerning this, please contact me at 444-6244.

Pf.

Distribution:

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