



STAKER | PARSON
C O M P A N I E S

November 7, 2017

Mr. Phil Hancock
Hancock and Associates

**Re: Henry Flats Cluster
1/2" Hot Mix Asphalt**

Dear Phil

Staker & Parson Companies is pleased to submit for your review and approval the following design criteria for the 2017-paving season. The design was prepared in accordance with procedures outlined in the Asphalt Institute's MS-2 manual, "Mix Design Methods for Asphalt Concrete."

Material Source: Ogden Asphalt Plant
Material Type: 1/2" Hot Mix Asphalt
Asphalt Source: SPC PG 52 -34

Sieve	% Passing
1/2"	100%
3/8"	96%
# 4	66%
# 8	42%
# 16	30%
# 30	--
# 50	16%
# 100	--
# 200	6.5%

Property	Result
Optimum AC	5.3%
Air Voids	4.2%
V _{ma}	15.2%
Unit Wt. (lb/ft ³)	145.6
Stability	2773
Flow	11
TSR	82.4
Marshall Design	50 Blow

This is our standard 1/2" commercial mix. If you have any questions concerning this letter, please contact me at Office (801) 409-2575 or Cell (801) 940-6740.

Sincerely

Staker & Parson Companies

Tyler Surrage
Ogden QC Manager



Cc: Larry Overman SPC

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