Minnesota Department of Transportation
BITUMINOUS PLANT SPOTCHECK

SP	Engineer	Time	Test No.
8 _		:	

Contractor	Plant Make and Model	Date
		_ _

Bituminous Source	Bituminous Type and Grade	Trial Mix No.	% of Bituminous Recommended .

TEMPERATURE °F

Aggregate	Bituminous	Mix

BITUMINOUS

GALLONS (not to exceed 2,000)

STICK READING	METER READING		
Initial	Final	Bituminous Weight per Gallons @ 60°F	Lbs
Final	Initial	Temperature Correction Factor	
NET (T)	NET (T)	Corrected Weight per Gallon (C) =	Lbs
		Weight of Bituminous in Mixture (C x T) =	Lbs

MIXTURE (not to exceed 150 tons)

TRUCK NO.	NET WEIGHT	TRUCK NO.	NET WEIGHT	TRUCK NO.	NET WEIGHT

TOTAL WEIGHT (W) =

* % BITUMINOUS in MIX

$$C \times T / W \times 100 = \frac{(\underline{\hspace{2cm}})}{(\hspace{2cm})} \times 100 = \boxed{.} \text{ (round to the nearest tenth)}$$

*If spotcheck fails to meet tolerance requirements, a new spotcheck shall be taken immediately following plant correction.

Calibration Check Pump Setting or Sprocket					Remarks
Aggregate Gate Settings	No. 1	No. 2	No. 3	No. 4	

REVOLUTION COUNTER

Final

Initial

NET (R)

BITUMINOUS & AGGREGATE DISCHARGE FROM CALIBRATION CHARTS

Aggregate   lbs. /rev _____   Bituminous lbs./rev _____

ACTUAL

Bituminous   lbs./rev = C x T / R = $\dfrac{(\underline{\hspace{2cm}})}{(\hspace{2cm})}$ =

Aggregate   lbs./rev = W - (C x T) /R = $\dfrac{(\underline{\hspace{2cm}})}{(\hspace{2cm})}$ =

Inspector's Signature