

### TRH 3 - SEAL DESIGN

PROJECT NAME

PROJECT DETAILS

SEAL TYPE

BINDER TYPE

EXP FACTOR see Table 7 - 3

1st SPRAY

2nd SPRAY

SLURRY

APPLICATION (NCB)

PRIME

 L/m2

PRECOAT

 L/m3

FOG SPRAY

 L/m2

FIELD DATA

BALL PEN

 (mm)

TEXT DEPTH

 (mm)

AGGREGATE

SIZE

ALD

FI

P75micron

COMBINED ALD

THIS IS THE DESIGN ALD

TRAFFIC 2 Way?

Veh/day

% HEAVIES

or

LIGHTS

HEAVIES

PER LANE

LIGHTS

HEAVIES x 40

ELV/LANE/DAY (L + H x 40)

SPRAY RATES

AGGREGATE SPREAD - S = shoulder to shoulder, M = moderate & O = open

Single Seal  
 Only

SELECTED TEXTURE DEPTH  (mm) SEE DESIGN CHARTS

'L' = larger ALD and 'S' = smaller ALD - eg Combined ALD = 10,7, ALD 'L' = 11 and 'S' = 10

ALD L

ALD S

SPRAY RATE

P

Q

D

D(C-S) + Q

Min Spray

minus

=

L/m2

Text Spray

minus

=

L/m2

## ADJUSTMENTS

SPRAY RATES	TEXTURE	LEAN*	MINIMUM	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	* USE MIN
SURFACE TEXTURE +	<input type="text"/> L/m2	<input type="text"/> L/m2	<input type="text"/> L/m2	See Table 7-2
CLIMATE - 10%	<input type="text"/> L/m2	<input type="text"/> L/m2		
AGGR M +10% O + 20%	<input type="text"/> L/m2	<input type="text"/> L/m2		
MODIFIED <input type="text"/>	<input type="text"/> L/m2	<input type="text"/> L/m2		See Table 7-6,7 or 8
FOG Deduct 50%	<input type="text"/> L/m2	<input type="text"/> L/m2	<input type="text"/> L/m2	
<b>TOTAL</b>	<input type="text"/> L/m2	<input type="text"/> L/m2	<input type="text"/> L/m2	

SELECT 'DESIGN' SPRAY RATE NCB  L/m2 MUST BE = or > MIN

### 'HOT' SPRAY RATES

FIRST SPRAY  %  L/m2

SECOND SPRAY  %  L/m2

STONE SPREAD RATE (APPROX ONLY - ADJUST ON SITE) See FIGURE F-2

	SIZE	ALD	m2/m3
1st LAYER	<input type="text"/>	<input type="text"/>	<input type="text"/>
2nd LAYER	<input type="text"/>	<input type="text"/>	<input type="text"/>

SPECIAL DEDUCTIONS SLOW TRAFFIC  L/m2

CONSTRUCTION  L/m2

<b>Dave Wright ROUGH CHECK</b>				Refer to CHART	
NCB Spray Rate = Cum ALD x p + Text depth correction - Ball pen correction					
INPUT	Cum ALD <input type="text"/>	p <input type="text"/>	Text depth <input type="text"/>	Ball Pen <input type="text"/>	Traffic: L, M or H <input type="text"/>
	SPRAY RATE	=	<input type="text"/>		
	Texture depth correction	=	<input type="text"/>		
	Ball Pen correction	=	<input type="text"/>		
	TOTAL NCB		<input type="text"/> L/m2		
Does not apply for SE-2 and SE-3 binders					