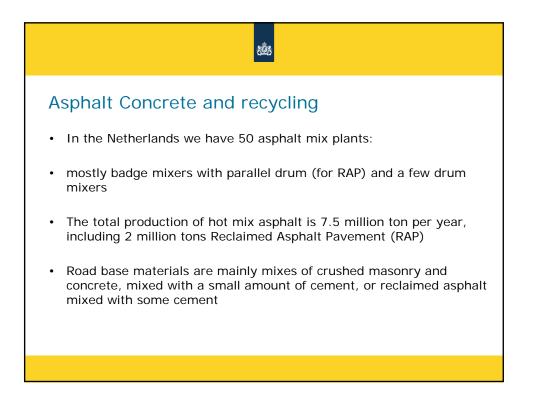


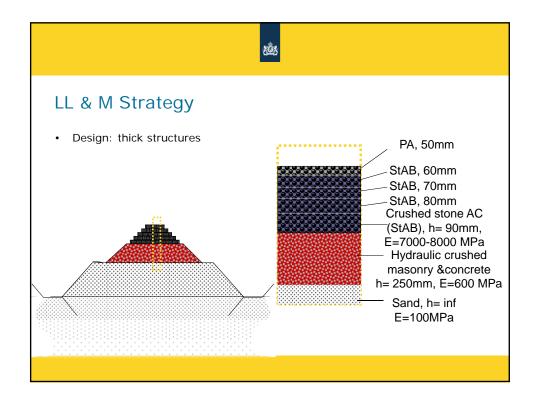


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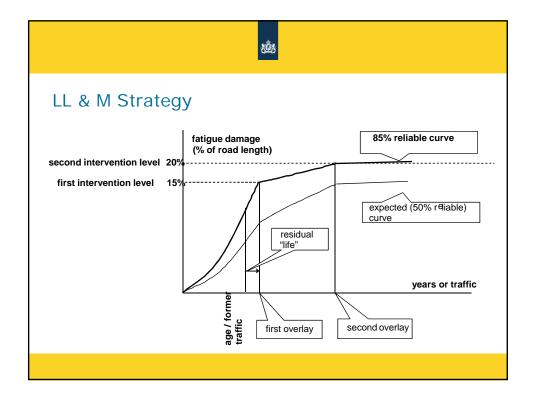


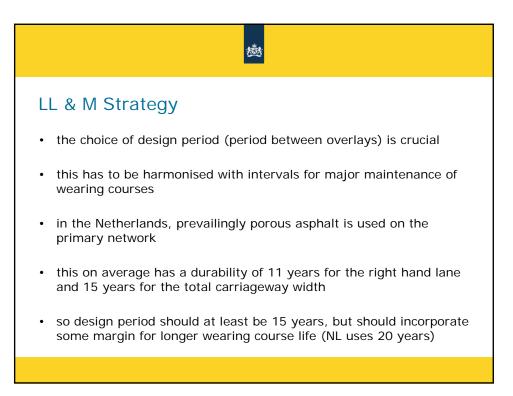




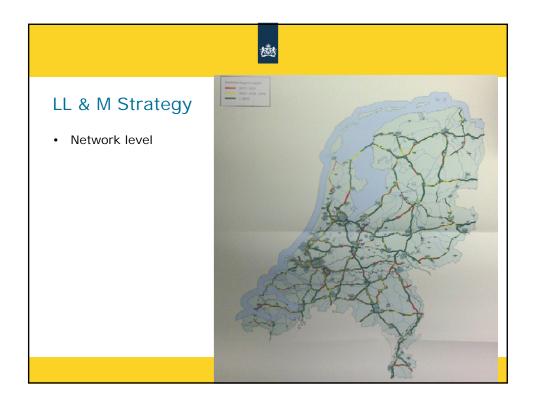


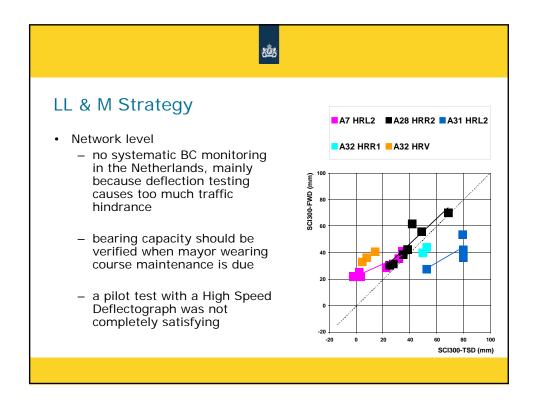








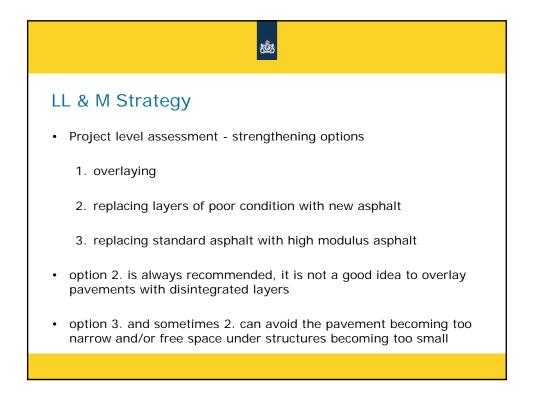


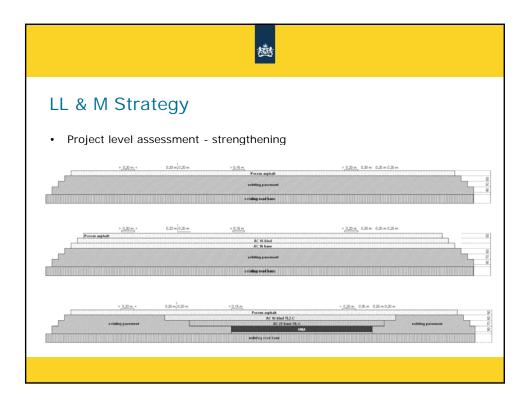


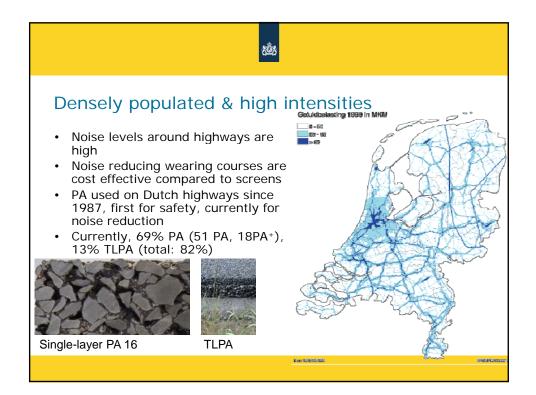


<mark>廢</mark> · · · · · · · · · · · · · · · · · · ·
LL & M Strategy • Project level – Classical method derived from SPDM method – based on measurement between wheel paths ('virgin pavement') $\frac{N_{eq,1}}{N_{eq,1}} + \frac{N_{eq,2}}{N_{eq,1}} = \frac{M_{o,1}}{F_r}$
waarin $n_{eq1}$ =traffic load carried to date (ESALs) $n_{eq,2}$ =residual life (traffic load that can still be carried) (ESALs) $N_{eq,1}$ =virgin life of existing pavement (ESALs) $M_{o,1}$ =target Miner's ratio at first overlay (-) $F_r$ =reliabillity factor (-)

		趱	r -					
LL & M Str	ateav							
	55							
<ul> <li>Project level</li> </ul>								
5	Residual life (asphalt concrete strain criterium)							
	Reliability level [%]	Residual   structural   life [years]	Expected   degree of   fatigue [%]	j f	Reliability actor [-]	Reliability   using field   calibration [%]		
	95	< 0.0	very high	(15%)	5.4	91		
	90 85	2.9 5.4	some small	[7%] [4%]	3.7 2.9	87 82		
	80	5.4 7.8	small	[3%]	2.9	02 77		
	75	10.2	small	[2%]	2.9	73		
	70	12.5	small	1 %	1.7	68		
	60	17.3	very small	() ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	1.3	59		
	50	22.4	very small	(0%)	1.0	50		
	30	35.2	none	(0%)	0.6			
	15	> 50.0	none	(0%)	0.3			
		> 50.0	none none	(0%)	0.3			
	5	> 50.0	none	[0%]	0.2			
	Asphalt concr	ete modulus [MP	a]:6984 Asp	ohalt conc	rete thickne:	ss [m] : 0.190		
	Asphalt concr	ete strain (mikror	m]: 89.3 Edg	ge effect r	eduction [m]	: 0.00		
	Maximal Mine	rs ratio [-]	: 0.54 Thi	ckness fo	r calculation	s[m] : 0.190		
					<u>0</u> k	<u>H</u> elp		







	遨		
Densely populated & hi	gh intensit	ies	
PA-composition Passing sieve desired 16.0 mm 11.2 mm 8.0 mm 5.6 mm 2.0 mm 15.0 0.063 mm 4.5 Bitumen 4.5 (= 4.3% in t 5.5 (= 5.2% in the m	85.0 50.0 30.0 he mix) pen 70	93.0 70.0 35.0 15.0 /100, no RAP	
Target air void content mix des Layer thickness is 50 mm Warranty period is 7 years, ave	-	and lane: 11 yrs	

