

HVSIA - Activity matrix

Focus Area	Competency Areas									
	Struc des	Materials	Performance		Rehab/Maint	Constr	Info syst	VPI	Instr	EIA
			Func	Struc						
Asphalt	R,V,C	F,Cr,R,V,C	R,C	F,Cr,R,C	E,R,V,C	R,C	C	F,C	F,Cr,C	Cr
Cemented layers	E,C	E		R,E		E				
Concrete	R,C	C		F,R,C	F,R,E,C	F,C	C		F,Cr,C	
Granular	R,V,C	Cr,R,V	C	Cr,R,V,C		Cr,R			E	Cr
Modified binders	C	F,Cr,C	C	F,C	C	F,C	C	F	F	Cr
LIC	R	R		R	R	R				
Roughness										
Long lasting pvmts	C	C	C	C		C	C		C	
NDT	C			E,C	E,C	E	C			
LTPP										
Surface treatments				E						
Bitumen/polymer stab	R,E	R,E		R,E,C	R,E,C	R,E				
DISR	R,C	R,C	R,C	R,C	R,C	R,C	C		C	
Upgrading of LVRs	Cr,R	Cr,R		Cr,R	Cr	Cr			Cr	Cr
Roadbed prep										
Waste materials	C	Cr,C	C	Cr,C		C	C		C	Cr
Subgrade soils	V,C	Cr,C	C	Cr,V,C		Cr	C		E,C	Cr
Geosynthetics	E,V	E,Cr		E,Cr					Cr	Cr
Unpaved roads		E	E							
Side slopes				V						
Light weight material		V		V					V	

R = RSA/Gautrans; E = Corp of Engineers; F = Florida; Cr = Crell; V = Finland/Sweden