

				####	####	
		STATE	PROJECT		SHEET NUMBER	
		##	######### XXXXX	####	000	
NOTE:						
Use epoxy-coated material for all tie bars, dowels, and other steel used in the construction of concrete pavement.						
Use deformed reinforcing bars for tie bars.						
Use expansion	n joints when abut joint material ext he concrete surfa	tending	ixed structure the full depth			
not included in and longitudina	l longitudinal cons the joint layout p al construction joi uction joint locati	olan. Us ints spai	e transverse ringly. Submit			
Do not place ti	e bars within 15"	of trans	verse joints.			
set into concre the tie bars an	n joints, if tie bar te during placeme d dowels into the ith epoxy resin.	ent, drill	and anchor			
Maintain joint sealant shape factor of 1:1 except when silicone sealant is used, the width to depth shape factor is 2:1 or as recommended by sealant manufacturer.						
Pavement Thickness (T, (inches)) Tie Bar	Dian	el Bar neter hes)			
T < 9	# 5		1			
$\frac{T \le 8}{8 < T \le 10}$	#5	1	1/ <u>4</u>			
$\frac{0}{10 < T \le 12}$	#6		$\frac{1}{2}$			
Joint Sealant See Note 7						
ISOLATION .	IOINT					
	U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION CFLHD DETAIL					
	MINOR CONCRETE PAVEMENT JOINTS					
	DETAIL APPROV	/ED FOR USE 0	7/2013	DET		
) SCALE	REVISED: 08/2014			C50:	1-50	

Notes to the Designer Updated July 2021 Minor Concrete Pavement Joints										
						General Information				
							e done from the [Sheet] View model			
Manage View Groups										
C) - C)	▼ SP414-A [Sheet] Viev ▼ 1 2 3 4 5 6 7 8									
	Name Model									
	Annotation Views Annotation									
	P SP414-A [Sheet] Views P SP252-A [Sheet]									
	L									
The most commo o Transverse Com vertical plane. It is the most commo o Longitudinal Jo cracking of the sl o Construction Jo joint can be furth	 int - a joint between slabs that results when concrete is placed at different times. This type of er broken down into transverse and longitudinal joints. yout plan and this detail for all rigid pavements. Coordinate joint layout with pavements and 									
••	os://flh.fhwa.dot.gov/resources/specs/fp-14/cfl/documents/S703-14_09112014.docx									
Typical Pay Item U	sed									
	or Concrete Pavement, reinforced, [6-inch to 12-inch] depth [SQYD]									
	or Concrete Pavement, plain, [6-inch to 12-inch] depth [SQYD]									
Updates										
- August 2020										
- Updated geotex	tile reference									
- July 2021										
- Updated for Op	enRoads Designer									