

	PROJECT		SHEET NUMBER		
NOTE:					
Fabricate slotted drain pipe, of elbows, end section, and couplet $\frac{V_{16}}{V_{16}}$ thickness.	down drain pipe c oling bands from	ulvert, sheets			
Grate slot assembly and plate end plug conform to AASHTO M 183.					
Galvanize grate slot assembly, plate end plug, and all hardware according to AASHTO M 111.					
Approved alternate pipe anchor assemblies may be used.					
Place Class 2 riprap conforming to Section 251 for protective apron.					
Provide geotextile filter conforming to Subsection 714.01(a).					
Place pipe anchor assemblies approximately 20-foot intervals along down drain pipe culvert. Place a minimum of 2 anchors per down drain.					
For installations at sag vertical curves, use a tee connection instead of an elbow and a minimum of two 20-foot slotted drain pipe sections.					
Place gaskets under all band to Section 602. Refer to Star coupling band details.	connections acco ndard 602-2 for	rding			
<i>Use either the grate slot or the angle slot slotted drain assembly.</i>					
Standard $\frac{1}{4}$ " cable clamp $\frac{1}{4}$ " Steel wire rope Round or square washer $\frac{2}{utside}$ DETAIL A					
U.S. DEPARTMENT OF TRANSPORTA OFFICE OF FEDERAL LANDS HI	TION, FHWA GHWAY	FLH STAN	DARD		
		606- SPECIFICA	1 TION		
SLOTTED DRA		FP-14 APPROVED F	1 OR USE		
SPILLWAY ASSE	MBLY	1/202	24		



	PROJECT		SHEET NUMBER	
NOTE:				
<i>Fabricate slotted drain pipe, elbows, end section, and co 1.62 mm thickness.</i>	, down drain pipe upling bands fror	culvert, m sheets		
Grate slot assembly and pla AASHTO M 183.	te end plug confo	orm to		
Galvanize grate slot assemb hardware according to AASI	oly, plate end plu HTO M 111.	g, and all		
Approved alternate pipe and	chor assemblies r	nay be us	ed.	
Place Class 2 riprap conforn protective apron.	ning to Section 2.	51 for		
Provide geotextile filter con	forming to Subse	ction 714.	01(a).	
Place pipe anchor assemblies approximately 6-meter intervals along down drain pipe culvert. Place a minimum of 2 anchors per down drain.				
For installations at sag vertical curves, use a tee connection instead of an elbow and a minimum of two 6-meter slotted drain pipe sections.				
<i>Place gaskets under all band to Section 602. Refer to St</i> <i>coupling band details.</i>	d connections acc andard M602-2 fo	cording or		
<i>Use either the grate slot or the angle slot slotted drain assembly.</i>				
Provide hardware in the me Equivalent US Customary si when metric sizes are unav	tric sizes shown. izes may be used ailable.			
Standard 6.4 cable clamp —	20M ∫ rein	1 Steel forcement	bar	
6.4 Steel wire rope		20 min. ins	side	
Round or square washer	50 min. outside			
DETA	IL A			
This drawing contains N Dimensions without unit	letric units of me ts are millimeters	easure. S.		
U.S. DEPARTMENT OF TRANSPORTA OFFICE OF FEDERAL LANDS HI	TION, FHWA GHWAY	FLH STAN	idard 5-1	
SLOTTED DRA	IN	SPECIFIC/ FP-1	ATION 4	
SPILLWAY ASSE	MBLY	APPROVED F 1/20	FOR USE 24	