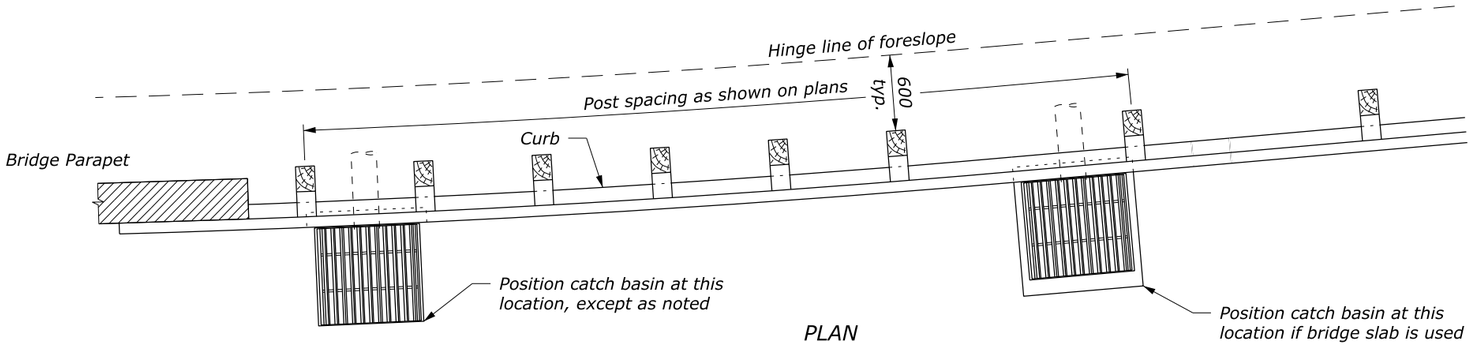
STATE	PROJECT	SHEET NUMBER



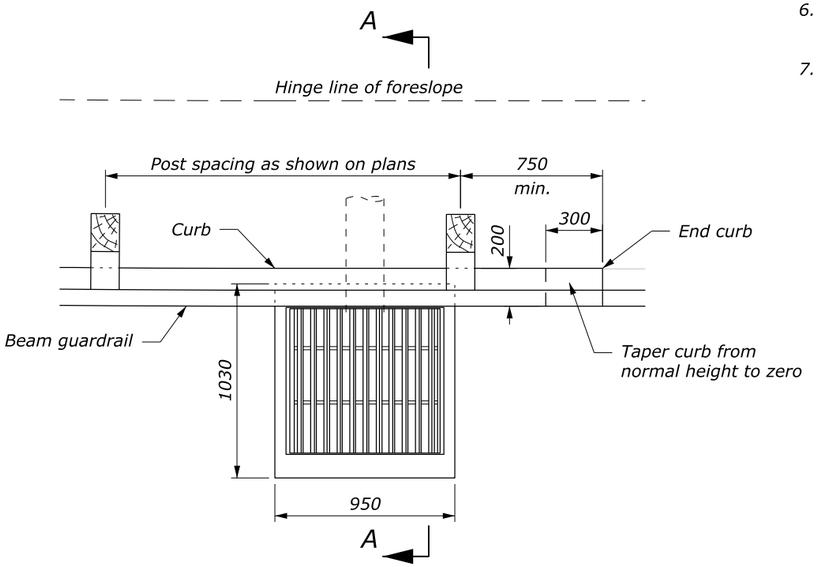
PLAN

CATCH BASIN LAYOUT AT BRIDGE ENDS

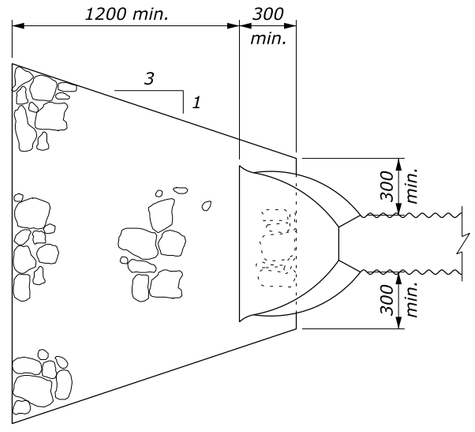
NOTE:

1. *CONCRETE: Chamfer exposed edges 20 mm unless otherwise shown. Give all concrete surfaces a Class 1 finish.*
2. *Provide 50 mm minimum concrete cover to the face of any bar unless otherwise shown.*
3. *See Standard M604-2 for Type A Frame and Grate and Standard M604-3 for Type B Frame and Grate.*
4. *Make all coupling band connections watertight by placing 5 mm bead of approved caulking under each half of the bands before tightening.*
5. *Fabricate tapered portion of slip-joint from either flat or corrugated sheets.*
6. *Place Class 2 riprap conforming to Section 251 for protective apron.*
7. *Dimensions without units are millimeters.*

TABLE OF QUANTITIES		
DESCRIPTION	FRAME AND GRATE	
	TYPE A	TYPE B
Reinforcing Steel	32 kg	32 kg
Structural Steel	98 kg	108 kg
Concrete	0.6 m³	0.6 m³

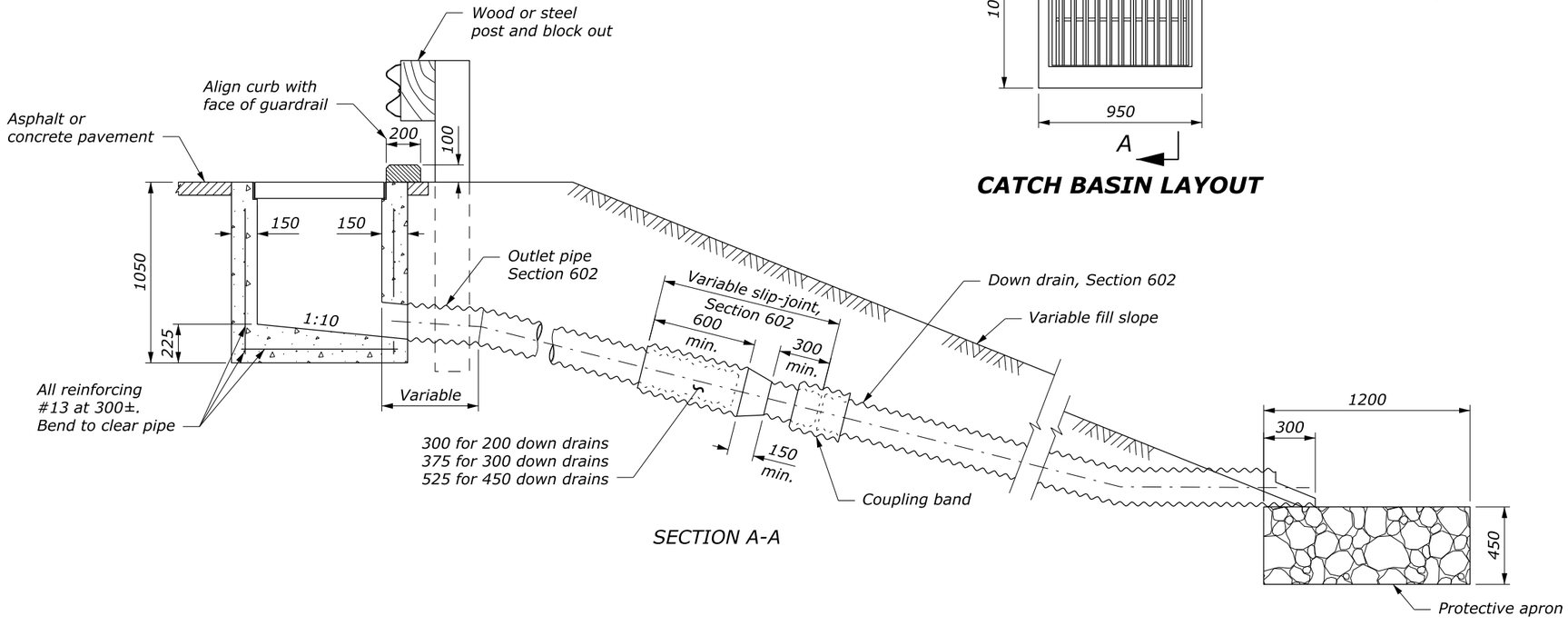


CATCH BASIN LAYOUT



PLAN

PROTECTIVE APRON



SECTION A-A

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
FEDERAL LANDS HIGHWAY

METRIC STANDARD

CATCH BASIN TYPE 2 WITH DOWN DRAIN

STANDARD APPROVED FOR USE 3/1996
REVISED: 5/1997 6/2005

STANDARD M604-4

12 August 2016 7:40 AM c:\myfiles\pw_production\dms44777\Std604-4.dgn [Metric]