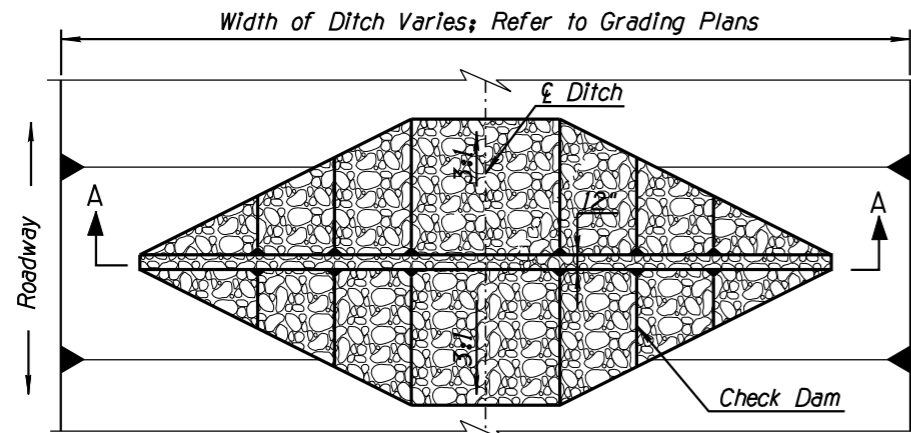
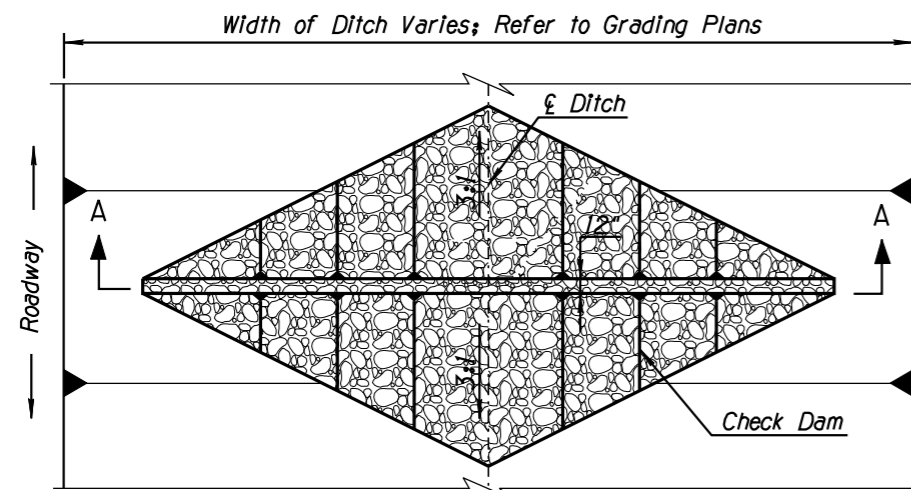


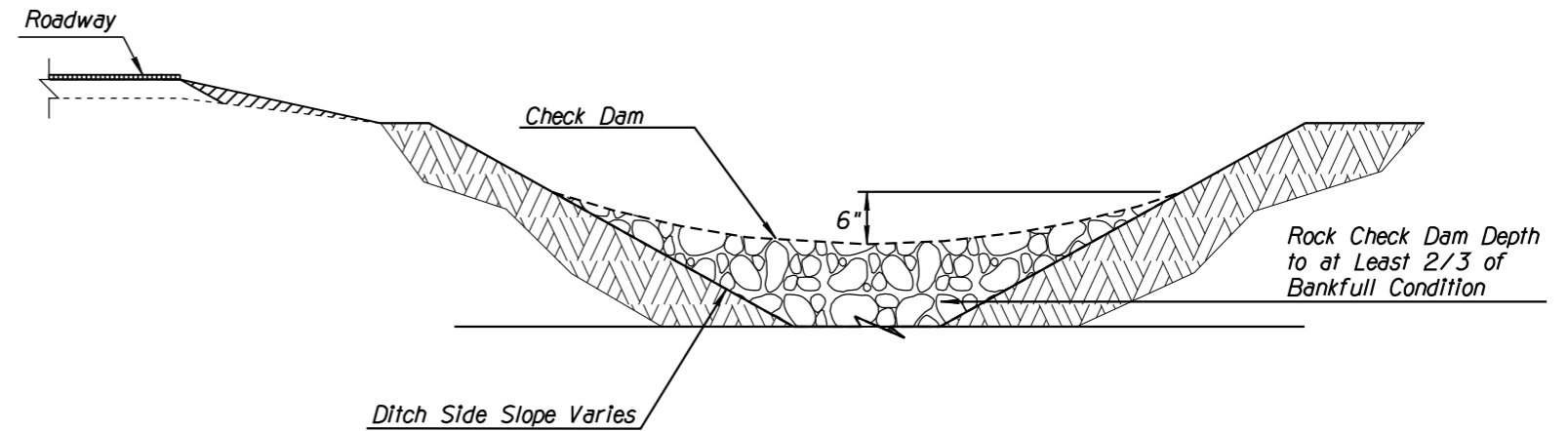
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



TRAPEZOIDAL DITCH PLAN (NTS)



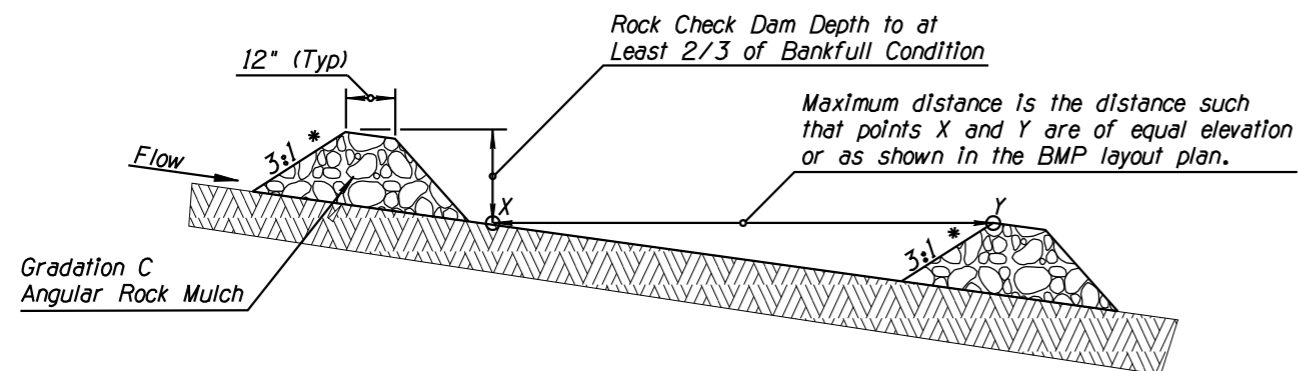
V-DITCH PLAN (NTS)



SECTION A-A  
TRAPEZOIDAL- OR V-DITCH  
(NTS)

NOTES:

1. Construct Rock Check Dams with angular-shaped Gradation C Rock Mulch as defined in Section 810-2.03 of the Standard Specifications. Natural river-run materials, especially the rounded natural river rocks are not acceptable.
2. \* Slope shall be 1(V):6(H) or flatter if Check Dam is within the traffic clear zone/recovery areas as defined in ADOT Roadway Design Guidelines (303.2 to 303.3 Roadside Recovery Area 2007).
3. Field-adjust sizing and spacing of Rock Check Dams as necessary for traffic safety as well as proper functioning of the drainage facilities.
4. Flatten and re-grade Rock Check Dams to the finished grade, level within the ditch, as soon as practicable after Final Stabilization.
5. Field adjust and correct Rock Check Dam BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.
6. Field adjust to ensure the top of the Rock Check Dam is approximately 2/3 height of the estimated ditch bankfull level.
7. When paid separately, the Rock Check Dam BMP pay/bid item shall include all materials used for this BMP: all ground preparation, furnishing, installing, maintenance, flattening/grading back to the finished grade, as well as returning the area to an acceptable condition as approved by the Engineer.



ELEVATION ALONG DITCH SLOPE  
(NTS)

# DETAIL ES9

ROCK CHECK DAM

DESIGN	TAO ZI FONG	05-2011	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION <b>ROADSIDE DEVELOPMENT SECTION</b>
DESIGN	HAN MENG	05-2011	
DRAWN	TAO ZI FONG	05-2011	STORMWATER QUALITY PROTECTION & EROSION/SEDIMENT CONTROL DETAILS
DRAWN	HAN MENG	05-2011	
CHECKED	E LEROY BRADY	05-2011	
TEAM LEADER	E LEROY BRADY	05-2011	
ROUTE	LOCATION		SHEET OF
TRACS NO.			OF

NO. 1 DESCRIPTION OF REVISION DATE  
NO. 2 DESCRIPTION OF REVISION DATE  
MADE BY DATE