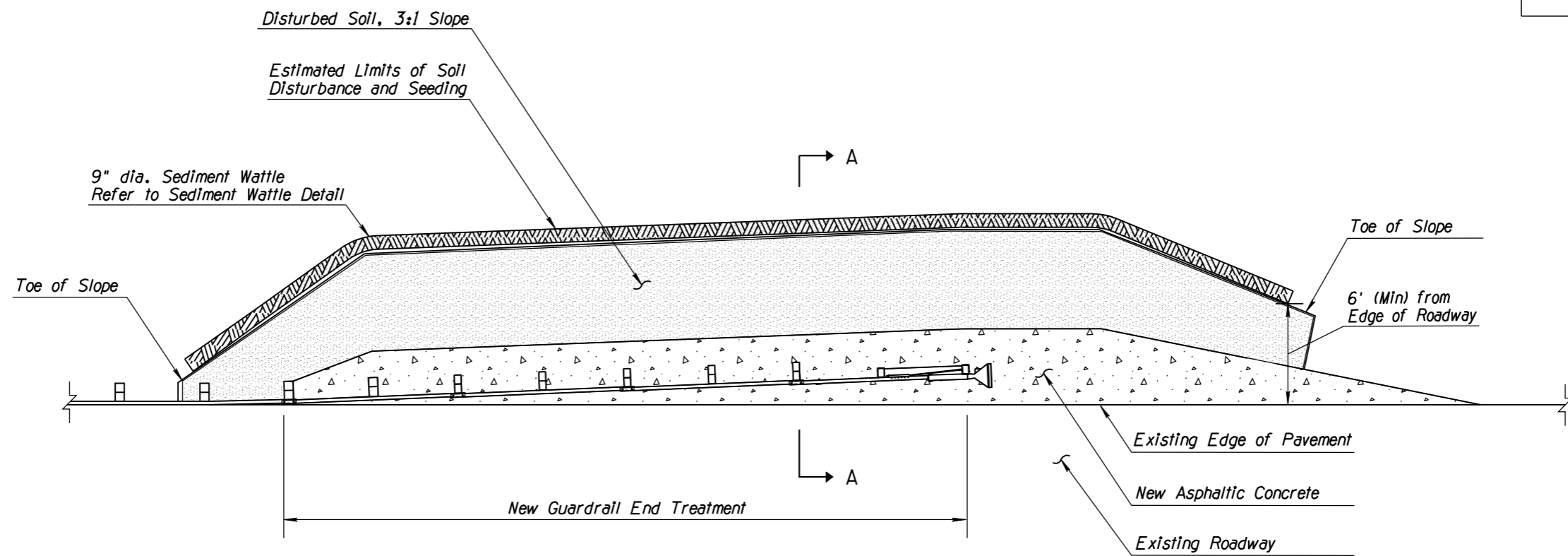
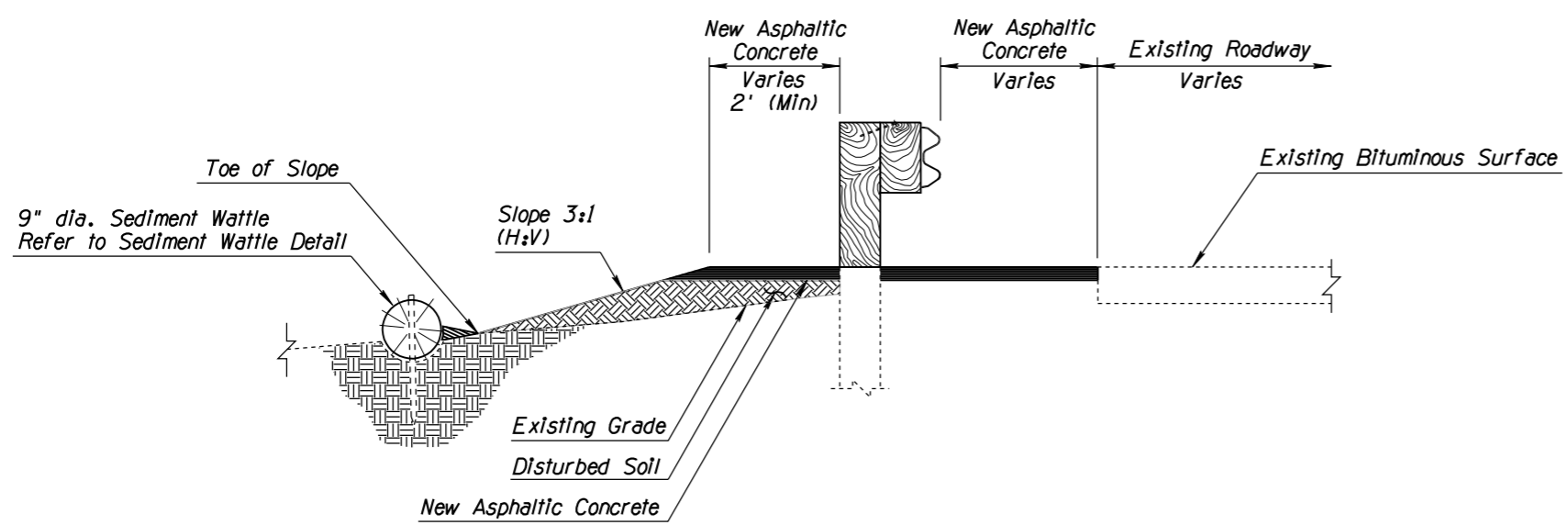


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				



PLAN VIEW (NTS)

- NOTES:**
1. Install Sediment Wattle beyond the toe of new slope. Use 9" diameter Sediment Wattles, unless directed by the Engineer. If slope exceeds 100 feet in length (top to toe), use 20" Sediment Log at toe of slope. Long slopes will require additional protection between top and toe of slope.
  2. Locate Sediment Wattle as indicated on plans or as directed by the Engineer.
  3. Place Sediment Wattle a minimum of 6'-0" from edge of roadway without guardrail.
  4. Remove surface materials i.e. soil, rock, branches, leaves, slash and chips from the existing grade as needed to place the sediment wattle. Refer to Sediment Wattle detail for installation.
  5. The installation and maintenance of Guardrail End Treatment Slope Protection BMPs shall not negatively impact traffic safety, nor the designed function of roadway or bridge drainage facilities. For erosion/sediment control purposes, Guardrail End Treatment Slope Protection BMPs shall be installed and maintained to carry the stormwater of at least 2-year, 24-hour events.
  6. Remove Sediment Wattle per the direction of the Engineer or as soon as practicable upon stabilization of the construction disturbed area.
  7. Field adjust and correct Guardrail Slope Protection BMP immediately if it is causing flooding, and/or affecting roadway safety.



SECTION A-A (NTS)

# DETAIL ES10

## GUARDRAIL END TREATMENT SLOPE PROTECTION

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

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