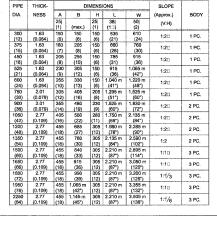
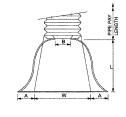
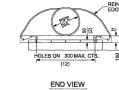


#### 1) TRAIL CROSS-SECTION







SIDE VIEW

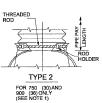
NOTES

FOR 1500 MM (60") THRU 2250 MM (64") SIZES, REINFORCED EDGES SHALL BE SUPPLEMENTED WITH STIFFENER ANGLES. THE ANGLES SHALL BE STASTISKE ANM (22X2") FOR 1500 MM (60") THRU 1500 MM (27") DIAMETER AND (78") THRU 1200 MM (64") DIAMETER. THE ANGLES SHALL BE ATTACHED BY M10 (U") RIVETS OR BOLTS.

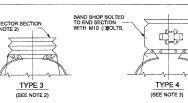
ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

NOTES

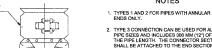
# THREADED ROD TYPE 1 FOR 300 (12) THRU 800 (24) ONLY







END SECTION



SLOPE H



3. TYPE 4 CONNECTION CAM BE USED FOR ALL PIPE SIZES. COUPLER PHALL BE 08 MM X 13 MM (2 WYO?) DIMPLE HIGGER, OR ANNULAR BAND OF 78 MM X 28 MM (37"). THE DIMPLE, HUGGER, OR ANNULAR BAND MAY BE USED WITH CORRUGATED METAL PIPES HAVING ANNULAR ENDS. FOR CORRUGATED METAL PIPE HAVING ANNULAR ENDS. FOR CORRUGATED METAL PIPE HAVING HELDAL ENDS. FOR YETH DIMPLE BAND

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ALTERNATE STRAP CONNECTOR
(FOR TYPE 1 ONLY)

CONNECTIONS OF END SECTIONS

### 3 CULVERT - STEEL END SECTION DETAIL

FILE NAME =	DESIGNED	-	TL/WS	REVISED	-
	DRAWN	-	TL/BD	REVISED	-
USER NAME =	CHECKED	-	WS	REVISED	-
PLOT DATE =	DATE	_	10/24/2011	REVISED	-



## 4 CULVERT OUTLET DETAIL

RED GATE ROAD
TYPICAL TRAIL DETAILS

RED GATE ROAD
TYPICAL TRAIL DETAILS

SCALE: VARIES

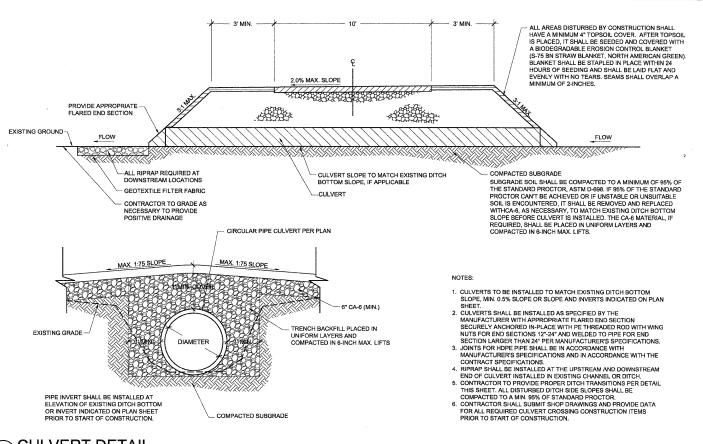
RED GATE ROAD
TYPICAL TRAIL DETAILS

SCALE: VARIES

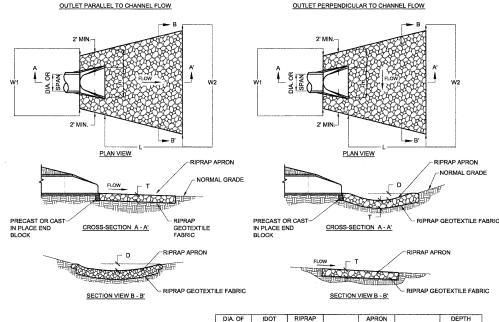
RED GATE ROAD
TYPICAL TRAIL DETAILS

STA. TO STA.

F.A. SECTION
COUNTY TOTAL SHEETS NO.
CONTRACT NO. 63650



#### 2 CULVERT DETAIL



(in)

RR-3 RR-3

SECTION VIEW B-B									
RIPRAP BED THICKNESS (in)	APRON LEGNTH (ft)	APRON WIDTH UPSTREAM (ft)	APRON WIDTH DOWNSTREAM (ft)	DEPTH BELOW NORMAL GRADE					
T	L	W1	W2	D					
15.0 15.0	12.0 14.0	5.0 5.0	11.0 12.0	6.0 6.0					
15.0	16.0	5.5	13.5	7.0					