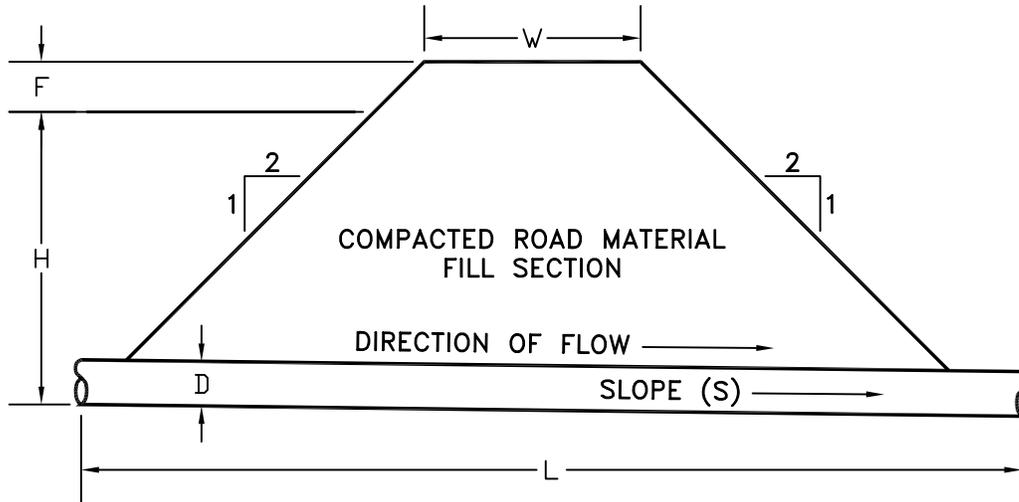


DRAINAGE CULVERT DESIGN/CONSTRUCTION SPECIFICATIONS



PRIMARY ROAD NO. 1

CULVERT NO. C-1

LOCATION: SEE ATTACHED HAUL ROAD LOCATION MAP

MINIMUM TOP WIDTH OF CROSSING (W): 20 FEET

MAXIMUM HEADWATER (H): 6.5 FEET

MINIMUM FREEBOARD (F): 0.5 FEET

MINIMUM EMBANKMENT HEIGHT (H + F): 7.0 FEET

PIPE DIAMETER (D): 30 INCHES

PIPE LENGTH (L): 60 FEET

PIPE BED SLOPE (S): 2.0 PERCENT

PIPE DESCRIPTION: CORRUGATED METAL PIPE

Birmingham Coal & Coke, Inc
Old Union #2 Mine, P-39--

DRAWN BY: J.R.W.	DATE: 04/30/10	ATTACHMENT III-B-5 PRIMARY ROAD NO. 1 CULVERT C-1 DESIGN SPECS.
APPROVED BY: J.D.M.	DATE: 04/30/10	
	SHEET: 1 OF 1	

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