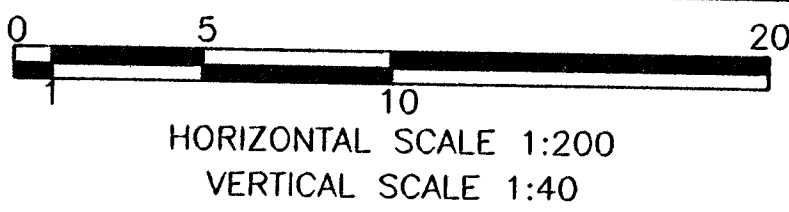
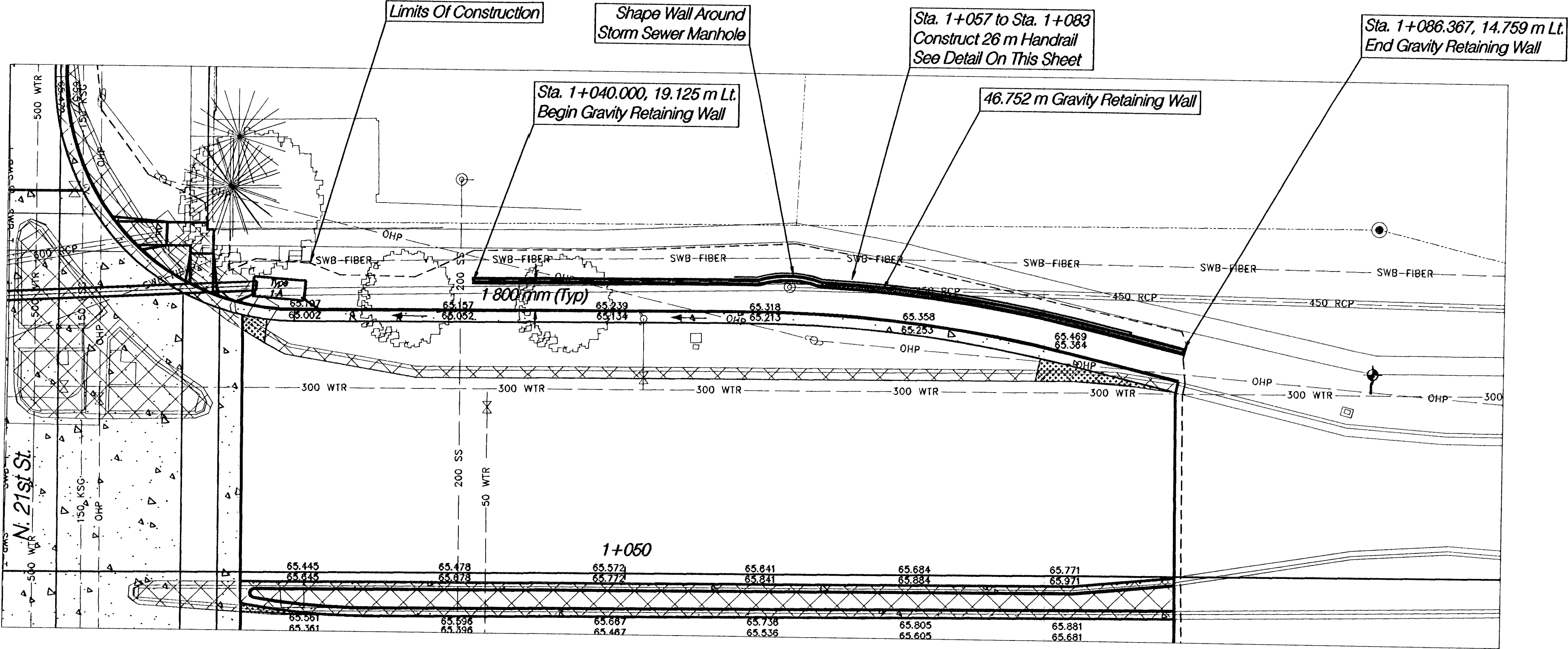


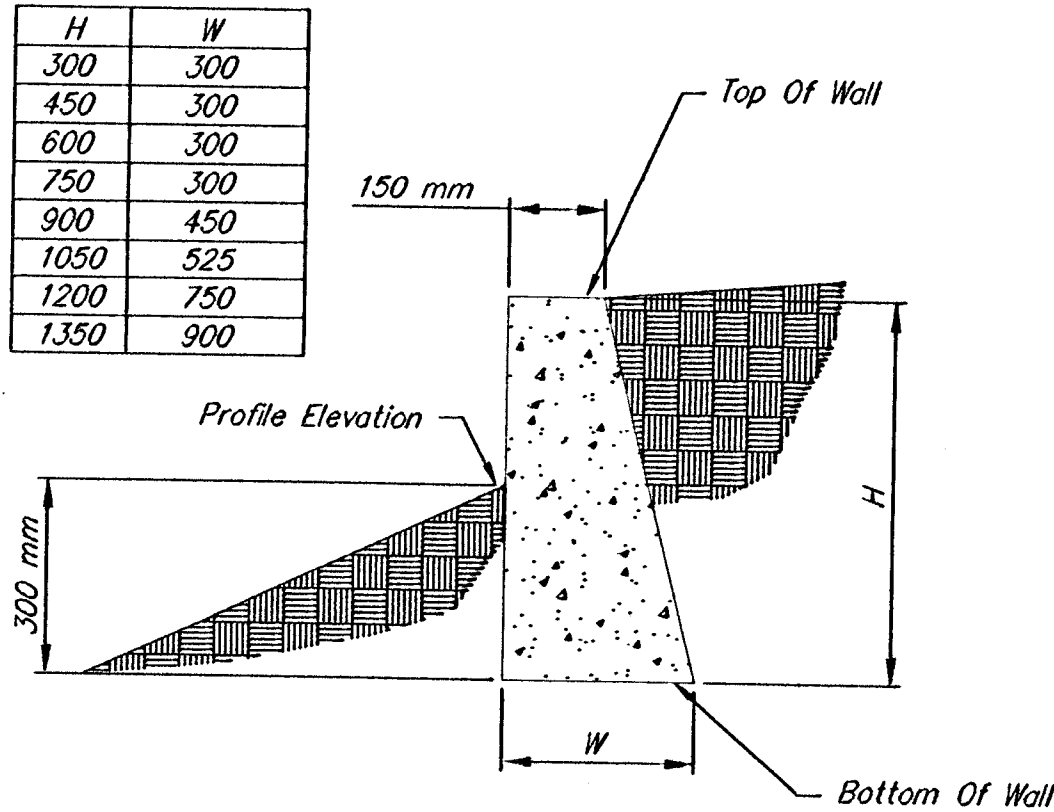
N. ROCK ROAD



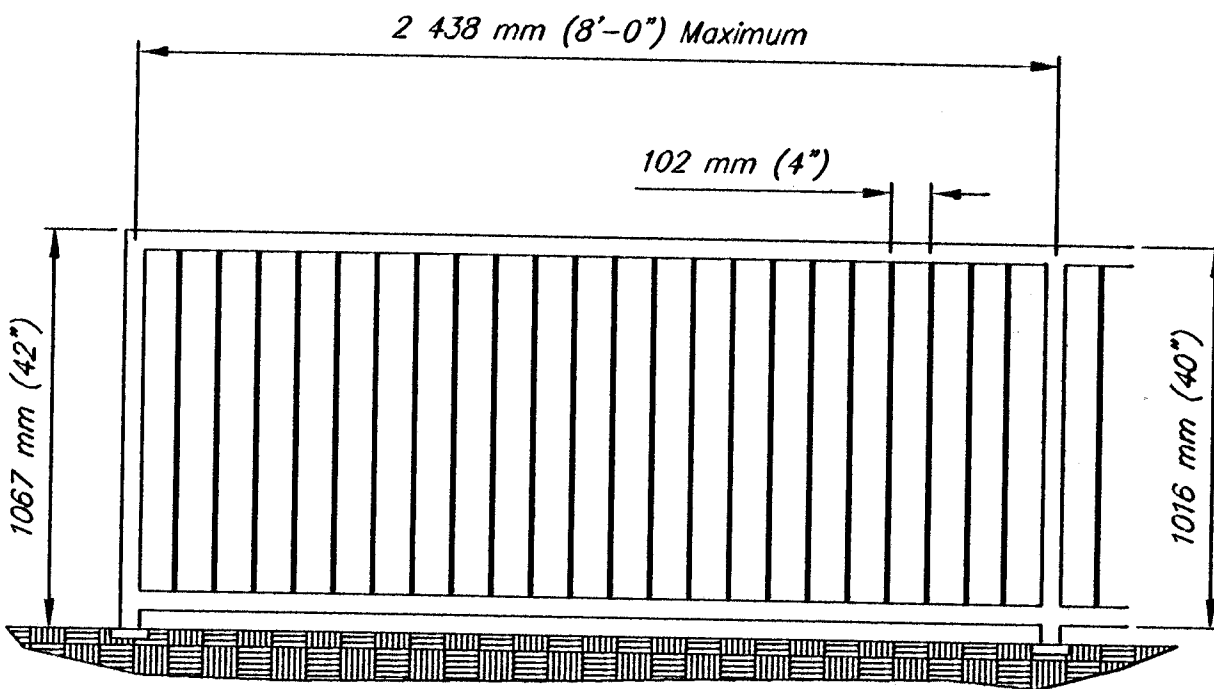
FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0199-01	2002	97	158
FED. AID NO. - CMQ-N019(901)					



Note: Station & Offset Are To The Street Side Wall Face
Place Expansion Joints Every 5.0 m
Construct 50 mm Weep Holes Every 7 m

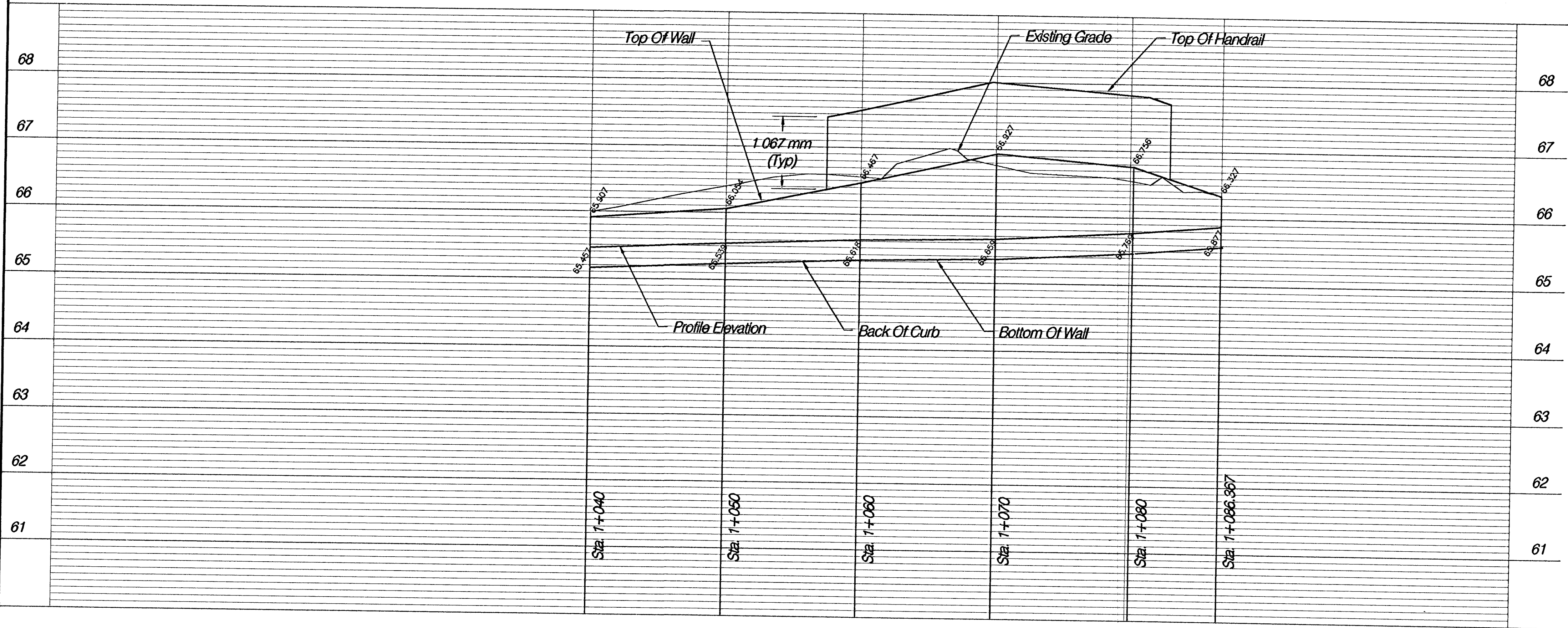


GRAVITY WALL DETAIL
(CONCRETE)



HANDRAIL DETAIL

Note: Post - 51 mm (2") ϕ 6 mm (1/4") w/ 152x152x10 mm (6x6x3/8") Flange, 4 Anchor
Top Rail - 51 mm (2") x 76 mm (3") 6 mm (1/4") Wall
Bottom Rail - 51 mm (2") ϕ (1/4") Wall
Pickets - 13 mm (1/2") Solid Bar 102 mm (2") O.C.
Powder Coat Finish 0.08-0.10 mm (3-4 mils)
Matt Black, Hunter Green, Bronze



N. ROCK ROAD
GRAVITY RETAINING WALL

HWS Consulting Group Inc
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Omaha, NE 68154
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Fax: (402) 333-2248

Designed By:	BWE	Checked By:	RJK
Drawn By:	HIS	Date:	03-25-2002
		Job No.	55-70-2003