

 ROUTE NO.	SECTION	COUNTY		TOTAL SHERTS	99-4687 HGL	SHEET NO. 1		
сн э	*	IROQUOIS		17	7	OF 8 SHEETS		SHEETS
FED. ROAD DIST. NO. 7			1		334(112)			
*04-000	052-03-E	38	CONTRACT #87357					

\*04-00052-03-BR

## <u>GENERAL NOTES</u>

The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at the substructures specified or approved by the Engineer before ordering the remainder of the piles.

For Soil Boring Logs, See Sheets 7 & 8 of 8.

Reinforcement Bars shall conform to the requirements of ASTM A706 Grade 60 (IL Modified). See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

The Steel H-Piles shall be according to AASHTÓ M270 Grade 50.

Layout of the slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

The backfill around the piers shall be placed after the superstructure is in place. All Construction Joints shall be bonded. Excavation behind existing abutment walls shall be done before removing the existing

Excavation behind existing abundlern wais shall be done before removing the existing Superstructure.

The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. The existing structure shall be disposed of outside of the right of way.





<u>NAME PLATE</u> Locate Name Plate at S.W. Wingwall Corner of Bridge (See Std. 515001)

## TOTAL BILL OF MATERIAL

	ITEM	UNIT	SUPER	SUB	TOTAL
	Channel Excavation	CU YD		850	850
	Stone Riprap, Class A5	TON		765	765
	Filter Fabric	SQ YD		740	740
	Removal of Existing Structures	EACH			1
	Structure Excavation	CU YD		90	90
	Concrete Structures	CU YD		80.1	80.1
	Concrete Superstructure	CU YD	179.0		179.0
	Concrete Encasement	CU YD		5.9	5.9
	Reinforcement Bars, Epoxy Coated	POUND	36,530	8,640	45,170
	Steel Bridge Rail, Type SM (Special)	FOOT	205		205
	Furnishing Steel Piles HP10x42	FOOT		523	523
	Driving Piles	FOOT		523	523
	Test Pile Steel HP10x42	EACH		2	2
	Name Plates	EACH			1
	Controlled Low-Strength Material	CU YD		16.0	16.0
1	Underwater Structure Excavation Protection-Location 1 (Pier #1)	EACH		1	1
1	Underwater Structure Excavation Protection-Location 2 (Pier #2)	EACH		1	1
	See Special Provisions				

See Special Provisions

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specification for Highway Bridges. This design complies with all requirements of the current AASHTO Guide Specifications for Seismic Design of highway bridges.

a All 6/21/2007 nois Structural No. 6440 Expires 11/30/2008 GENERAL PLAN & ELEVATION N C.H. 9 OVER MUD CREEK SECTION 04-00052-03-BR IROQUOIS COUNTY STR. NO. 038-5513 STATION 39+90.04