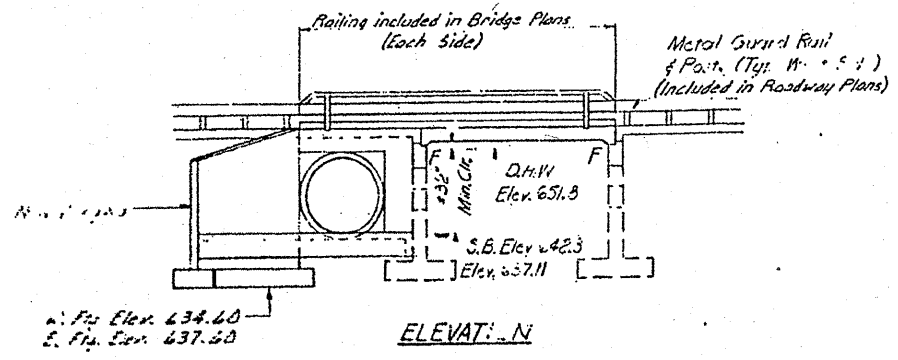


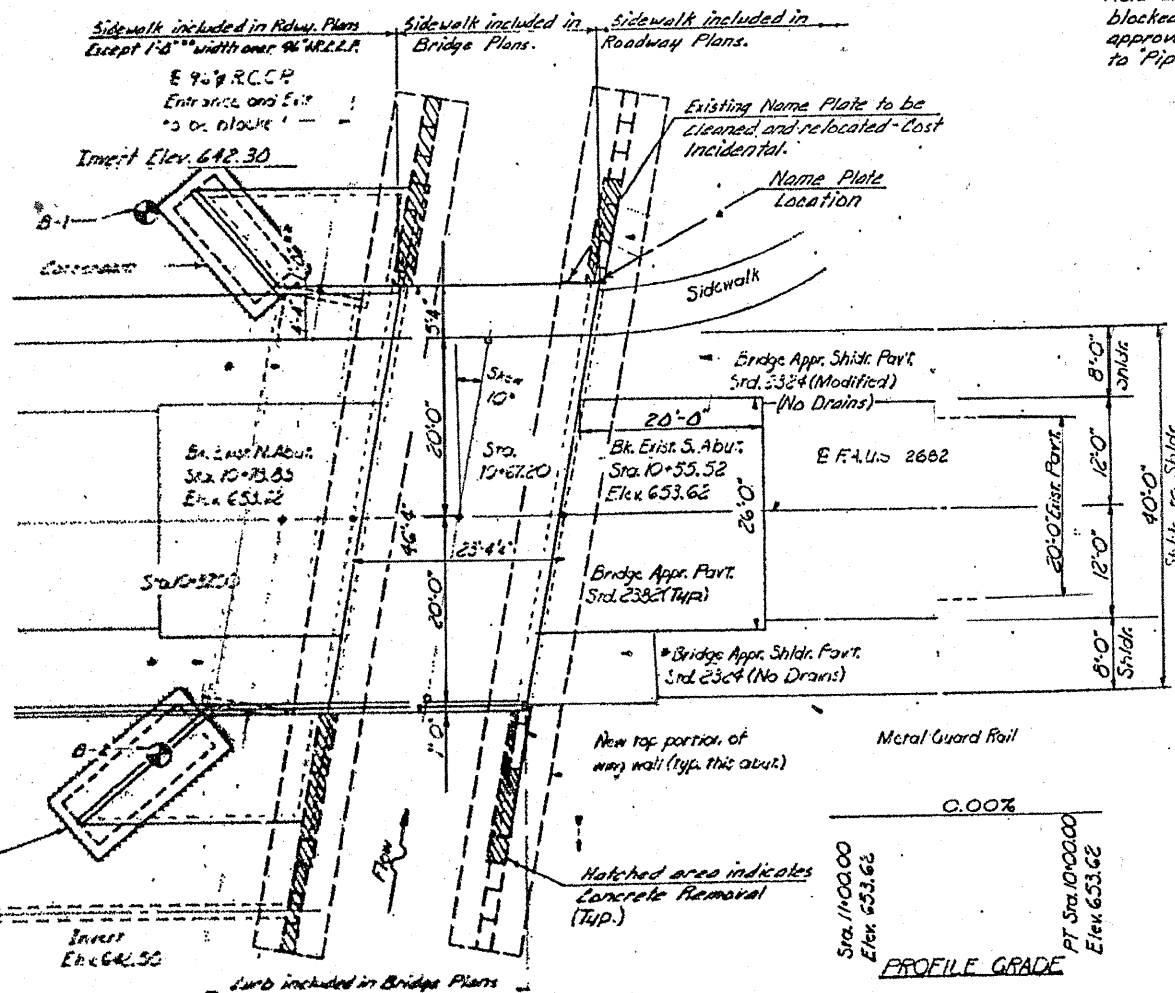
GENERAL NOTES

SEE PROPOSAL FOR BORING DATA.
 REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO # 31 OR # 53 GRADE 60.
 SHOULDER TRANSITION TO W/LL SHALL BE SHAPED WITH BRCKEN CONCRETE. COST INCIDENTAL.
 THE CONTRACTOR SHALL MAKE ALLOWANCE FOR THE DEFLECTION OF FORMS, SHRINKAGE AND SETTLEMENT OF FALSEWORK, IN ADDITION TO ALLOWANCE FOR DEAD LOAD DEFLECTION.
 PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.



Note: Entrance and Exit of 96" R.C.C.P. shall be temporarily blocked. The method of blocking shall be subject to the approval of the Engineer and the cost shall be incidental to "Pipe Culverts, Type 1 R.C.C.P. 96".

FOR INFORMATION ONLY



STATION 10+67.20
 BUFFALO CREEK
 REBUILT 198...
 F.A.U.S. RT. 2682 SEC. 0102 B-R(83)
 LOADING HS20
 STR. NO. 016-0556

NAME PLATE
 (See Std. 2113)

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Protective Coat	Sq. Yds.	118		118
Removal of Existing Superstructures	Each	1		1
Concrete Removal	Cu. Yds.		37.4	37.4
Structure Excavation	Cu. Yds.		31	31
Cofferdam Excavation	Cu. Yds.		264	264
Class X Concrete	Cu. Yds.	49.0	78.6	127.6
Steel Railing, Type T-1	Lin. Ft.	38		38
Steel Railing, Type TP-1	Lin. Ft.	40		40
Pipe Culverts, Type 1 R.C.C.P. 96	Lin. Ft.		45	45
Reinforcement Bars	Lbs.	6830	7220	14050
Reinforcement Bars (Epoxy Coated)	Lbs.	1940	90	2030
Name Plates	Each	1		1
Epoxy Crack Sealing	Lin. Ft.		92	92
Cofferdams	Each		2	2

DESIGN STRESSES

FIELD UNITS
 Fc = 3,500 p.s.i.
 fy = 60,000 p.s.i.

Allow 25% Sq. Ft. for future wearing surface.

LOADING HS20 (New Construction)
 Design Specifications: 1977 MSH TO 1978, 1979, 1980, 1981 and 1982 interim specifications.

WATERWAY INFORMATION

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.L.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	50	1430	180	180	651.8	Neg.	Neg.	651.8	651.8
Base	100	1600	180	180	652.1	Neg.	Neg.	652.1	652.1
Overlapping	10	270	180	180	650.95	Neg.	Neg.	650.95	650.95
Max. Cok.	500								

Waterway Information does not include 96" R.C.C.P.

FILE NAME =	USER NAME = gorengautb	DESIGNED -	REVISED -
126910-sht-plan.dgn	126910-sht-plan.dgn	DRAWN -	REVISED -
PLOT SCALE = 1/8" = 1'-0"		CHECKED -	REVISED -
PLOT DATE = 1/12/2018		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLAN (SN 016-0556)
McHENRY RD. (IL RTE. 83 - IL RTE. 68)

F.A.U. RTE. 2682	SECTION 0102.IRS	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J79	

SCALE: SHEET NO. OF SHEETS STA. TO STA.