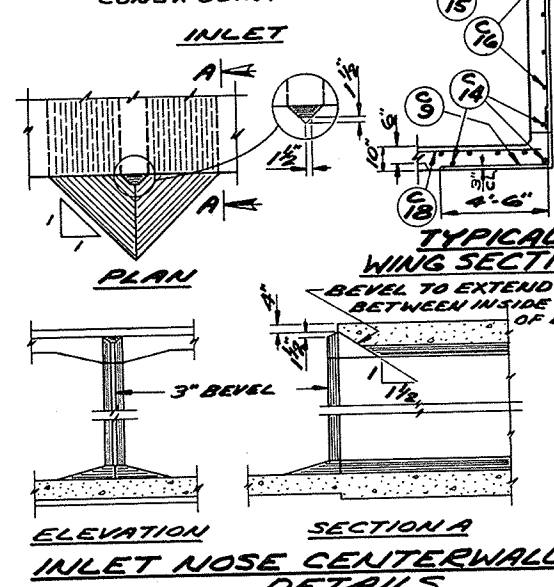
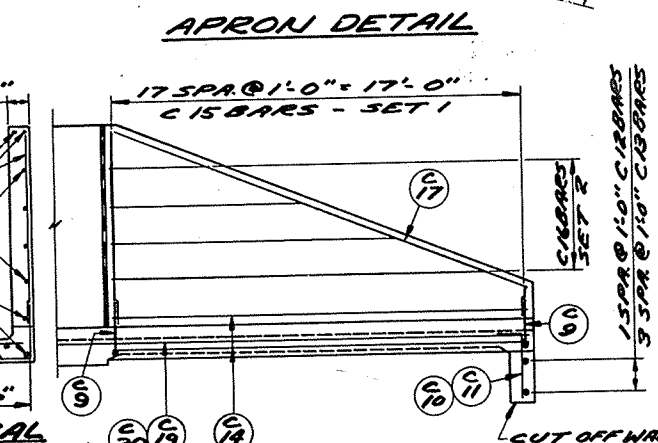
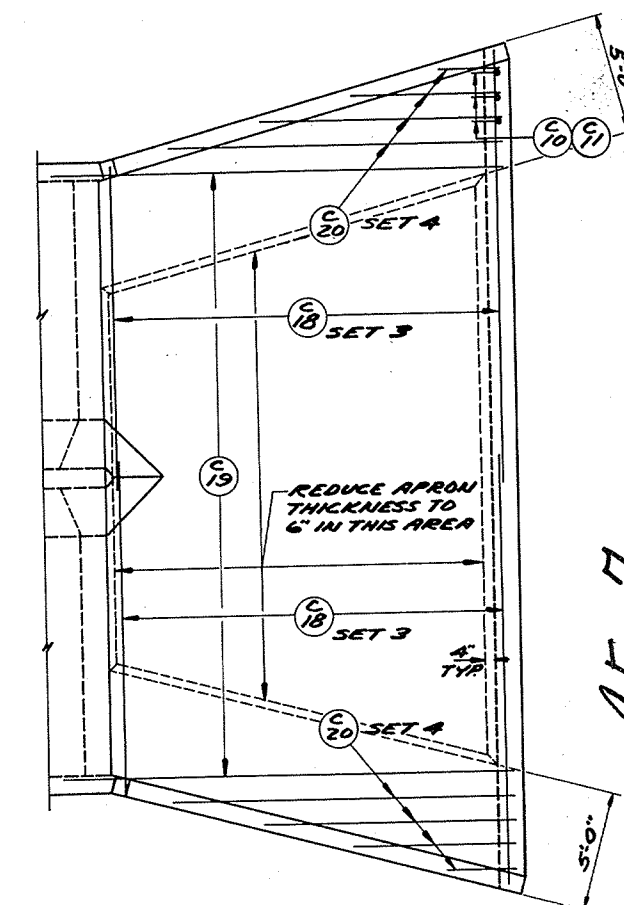


<u>BENCH MARK</u>			
NO.	STATION	DESCRIPTION	ELEVATION
17	17B+63	SPIKE IN 40" MAPLE-110' RT.	703.63
16	166+25	" " 8" ELM -130' RT.	733.37



GENERAL NOTES
BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
BETWEEN BOX ENDS ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH GRANULAR BACKFILL TO THE ELEVATION AND SECTION EXISTING PRIOR TO EXCAVATION. PAYMENT WILL BE MADE ONLY FOR MATERIAL ACTUALLY PLACED WITHIN THE LIMITS SPECIFIED FOR "EXCAVATION FOR STRUCTURES."
EXPANSION JOINT FILLER SHALL CONFORM TO A.S.H.O. DESIGNATION M153 OR M213.

DESIGN DATA
LIVELOAD: HS20
DESIGN STRESSES:
 CONCRETE MASONRY, GRADE "A" $f_c = 1,400 \text{ P.S.I.}$
 BAR STEEL REINFORCEMENT $f_s = 20,000 \text{ P.S.I.}$
EARTHLOAD:
 DESIGNED FOR 19.0 FEET OF FILL.

TOTAL ESTIMATED QUANTITIES	
BID ITEMS	EXCAVATION FOR STRUCTURES 1,150 C.Y.
	CONCRETE MASONRY 420.9 C.Y.
	BAR STEEL REINFORCEMENT 75,220 LBS.
	GRANULAR BACKFILL 90 C.Y.
	HEAVY RIPRAP 45 C.Y.
DAN TAYLOR	2 PLY MEMBRANE WATERPROOFING 51 S.F.
EST.	511.18 1/2 SIZE

LIST OF DRAWINGS

1. GENERAL PLAN	X34968
2. BILL OF BARS	X34969

REVISED		STATE HIGHWAY COMMISSION OF WISCONSIN			
		GENERAL PLAN			
		CO. <u>OUTAGAMIE</u> CHAS. W. BUCHANAN TH.		STA. <u>173+00</u>	
		SECTION <u>26</u>		TOWN <u>21 N</u>	RANGE <u>18 E</u>
		DESIGN SPEC. <u>A.R.S. NO. 665</u> LOADING HS-20			CONST. SPEC. <u>1969</u>
		DATE <u>5-13-66</u>		DESIGN <u>C.R.A.</u>	DRAWING <u>G.M.A.</u> CKD. <u>L.J.S.</u>
		APPROVED: <u>W.A. Kline</u> CHIEF BRIDGE ENGINEER			
		STRUCTURE <u>B-44-53</u>			SHEET <u>1</u> OF <u>2</u>

HALF SECTION THRU BOX

X34968

[illegible]

"H" IS THE NUMBER OF BARS IN A CUTTING
DIAGRAM, BEFORE CUTTING.

2'-9"	C24C3
4'-6"	C9
1'-0"	C10C11

REVISED		STATE HIGHWAY COMMISSION OF WISCONSIN	
		BILL OF BARS	
		DESIGN SPEC. <u>116 H.O. 65</u> LOADING <u>H 520</u> COUNTY <u>1969</u>	
DATE <u>5-13-66</u> DESIGN		DRAWN <u>G.M.D.</u> CHK <u>L.J.S.</u>	
STRUCTURE <u>B-44-53</u>		SHEET <u>2</u> OF <u>2</u>	