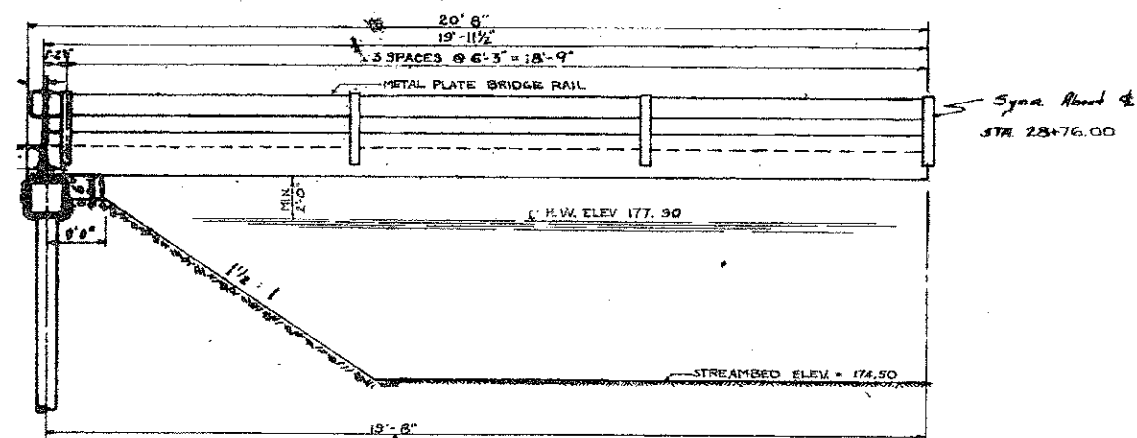
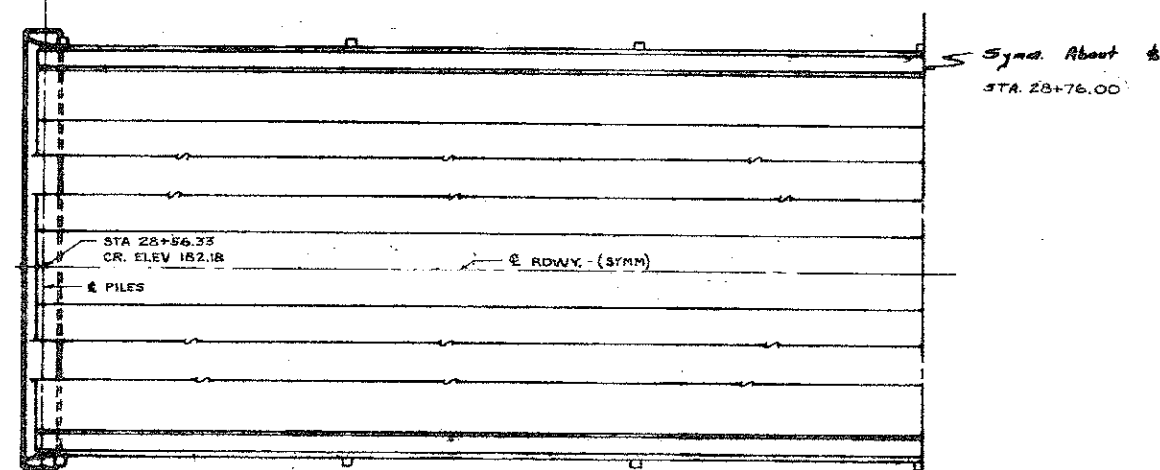


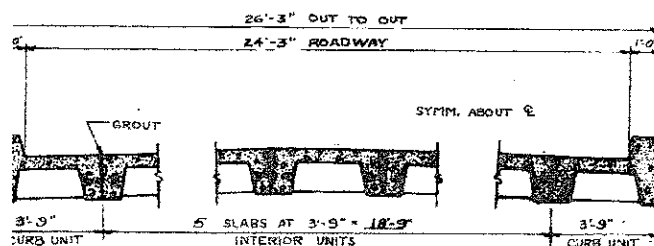


ELEVATION

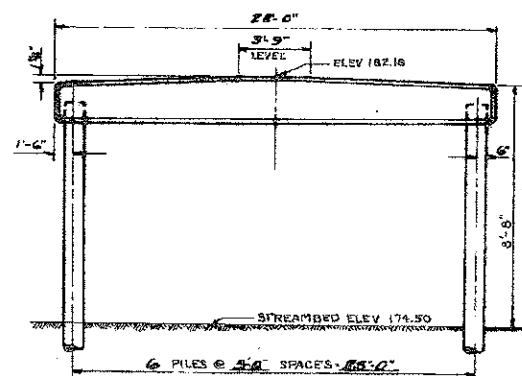
ORTH ABUT.



PLAN



CROSS SECTION



ELEVATION OF ABUTMENT

WATERWAY INFORMATION

DRAINAGE AREA	1000 ACRES
EXISTING OPENING	62.22 FT.
REQUIRED OPENING	53.46 FT.
PERFORMED OPENING	70.58 FT.
SEW OFF INDEX	0.30
STREAMBED ELEV.	174.50

PILE DATA

TYPE	12" x 12" CREOSOTED TIMBER
NO. REQD.	11 + 1 TEST PILE
EST. LENGTH	30' - 0"
MIN. CAP	ABUT. PILE = 18 Tons/PILE

PILE CUT-OFF

NORTH ABUT.	178.60
SOUTH ABUT.	178.60

STATIONING

1. BRG. NORTH ABUT.	STA 28+56.33	CR. ELEV. = 182.18
2. STRUCTURE	STA 28+76.00	CR. ELEV. = 182.18
3. BRG SOUTH ABUT.	STA 28+95.67	CR. ELEV. = 182.18

GENERAL NOTES

SEE SPECIAL PROVISIONS FOR ITEM "PRECAST CONCRETE CAPS AND METAL PLATE BRIDGE RAIL"

CONTRACTOR TO DRIVE 1 TEST PILE AS DIRECTED BY THE ENGINEER BEFORE ORDERING REMAINDER OF PILES.

ALL PILES AND LUMBER SHALL BE CREOSOTED. CONTRACTORS MAY USE EITHER PRECAST CURBS PLACED IN THE FIELD OR CURBS PRECAST INTEGRALLY WITH EXTERIOR BEAMS. CURBS SHALL BE CONSIDERED INCIDENTAL TO PRECAST CONCRETE BRIDGE SLAB. SEE SPECIAL PROVISIONS FOR ITEM "PRECAST CURBS".

THE TEST PILE SHALL BE DRIVEN IN A PERMANENT LOCATION.

TOTAL BILL OF MATERIALS

PRECAST CONCRETE BRIDGE SLAB	30 FT	1050
PRECAST CONCRETE CAPS	EACH	2
METAL PLATE BRIDGE RAIL	LN FT	75
CREOSOTED TIMBER PILES	LN FT	330
TEST PILE	EACH	1
NAME PLATE	EACH	1
REMOVAL OF EXISTING STRUCTURE	EACH	1
CHANNEL EXCAVATION	CY YDS	200

STATION 28+76.00
BUILT 1962

FAS R-174 SEC 90-G
FA PROJ S-174 1(1)
LOADING H 15-S 12

NAME PLATE
See STA 2115

STRESSES

$f_c = 4,000$ psi
 $f_s = 18,000$ psi
 $f_s = 20,000$ psi
 $n = 8$

LOADING H 15-S 12-44

PRECAST CONCRETE SLAB BRIDGE
SPILLTHRU ABUTMENT-PRECAST CAPS

LASALLE COUNTY
FAS RT 174 SECTION 90G
STATION 28+76

EXISTING STRUCTURE PLANS

SHEET NO. 1	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3 SHEETS	174	13-00726-00-BR	LASALLE	16	11
		S.N. 050-3608	CONTRACT NO. 87557		
		FED. ROAD DIST. NO. 7 ILLINOIS	FED. AID PROJECT BR5-0174(119)		