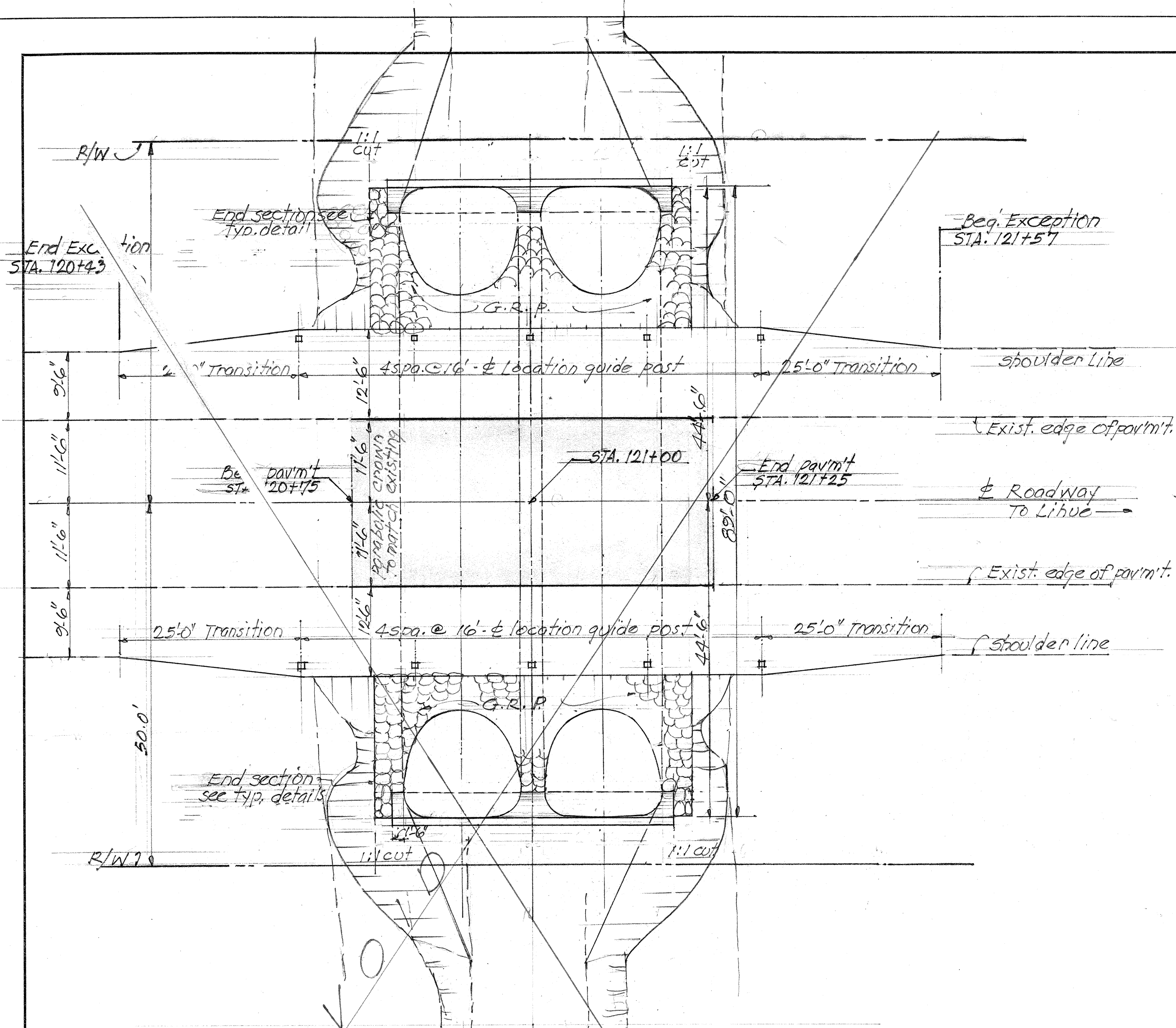
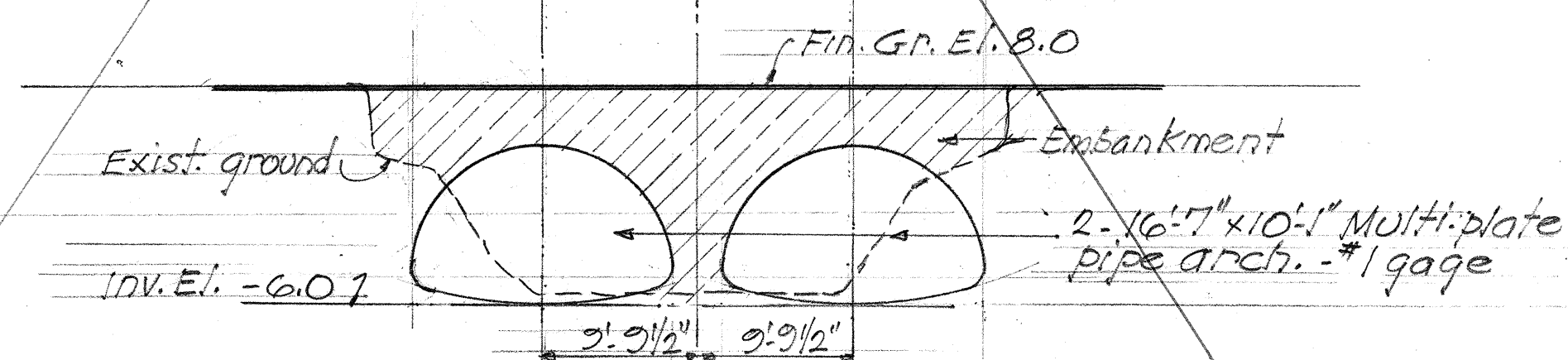


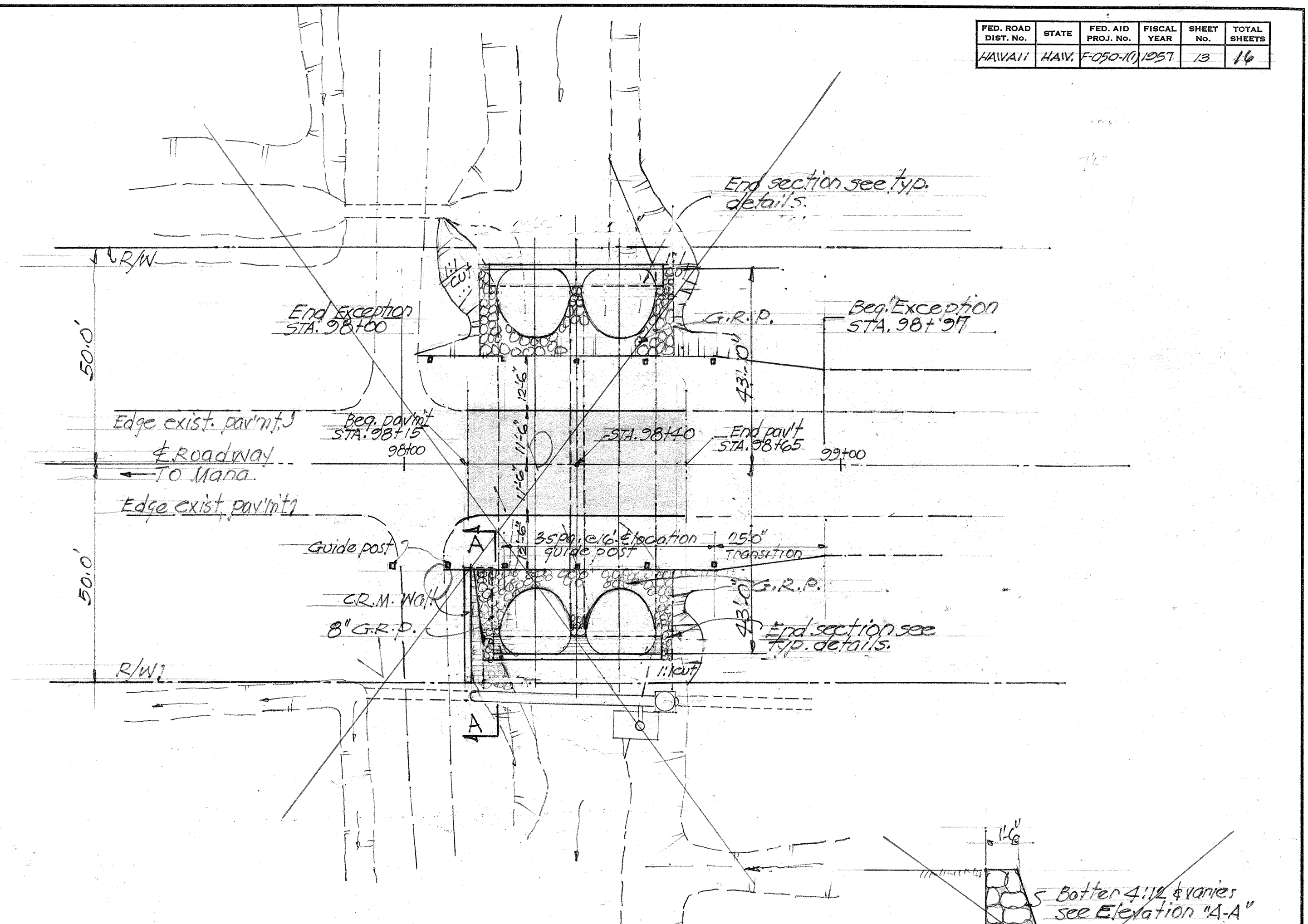


LOCATION PLAN SCALE: 1"=10'-0"

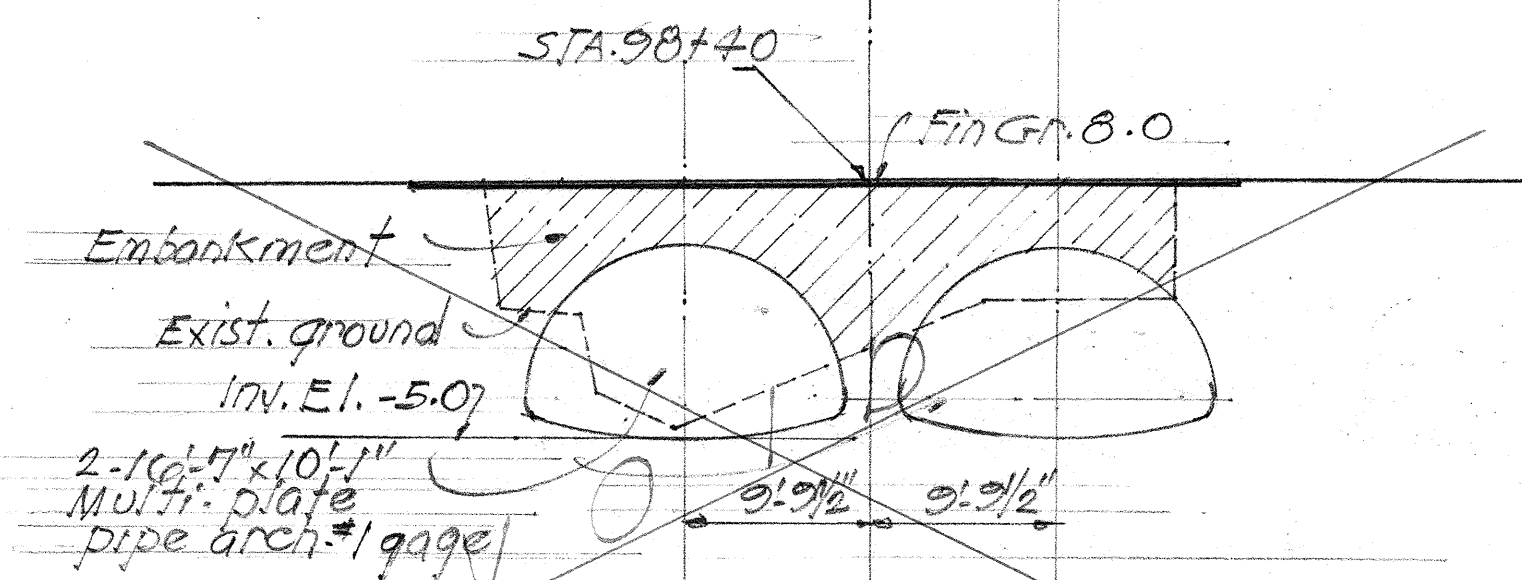


LONGITUDINAL SECTION ALONG ROADWAY SCALE: 1"=10'-0"

MULTI-PLATE PIPE ARCHES • STA. 121+00

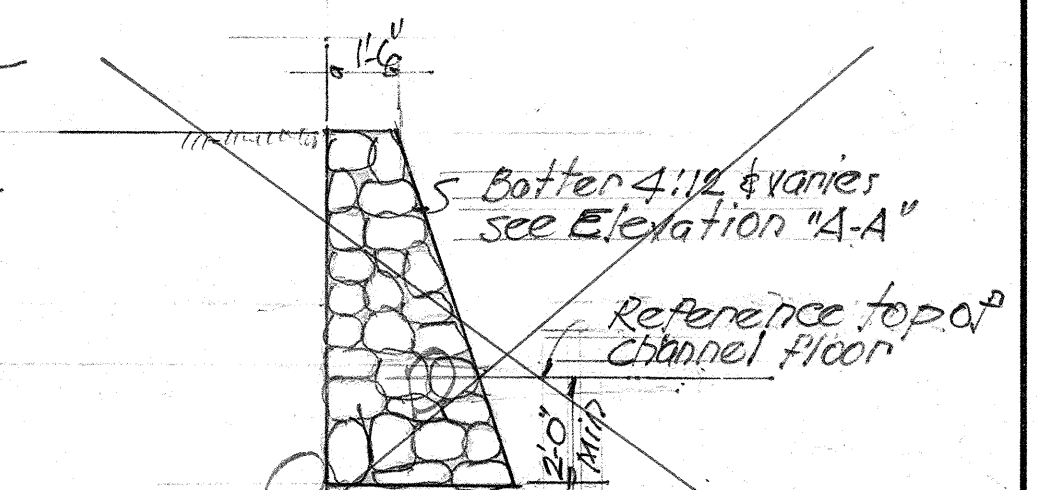


LOCATION PLAN SCALE: 1"=20'-0"

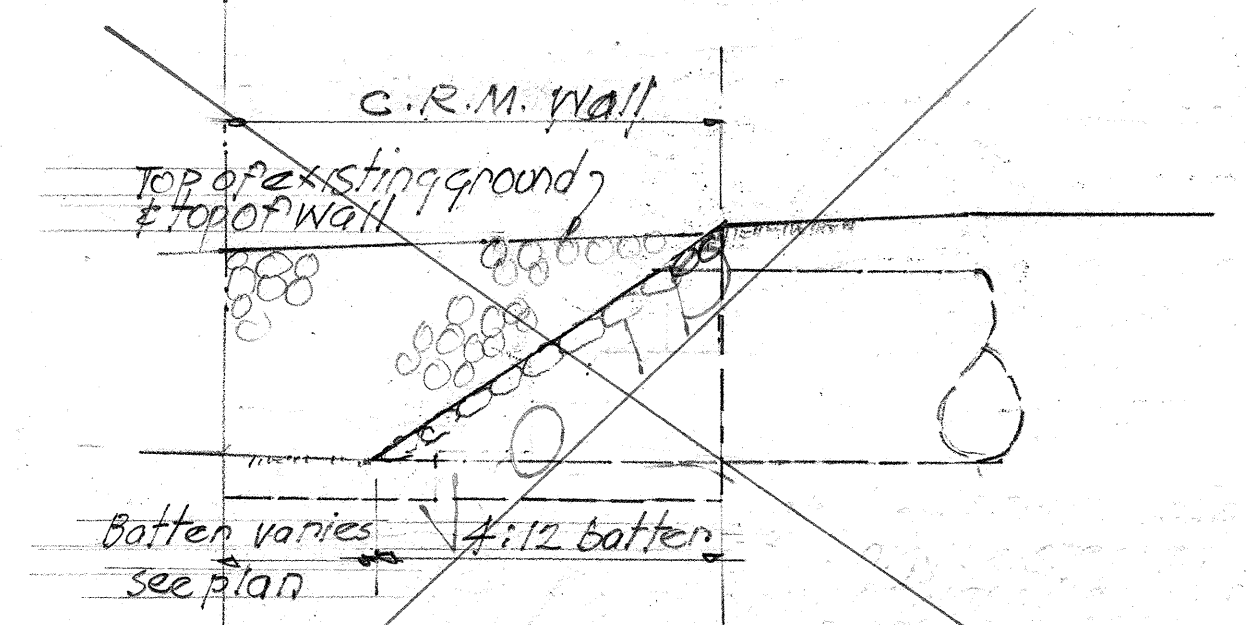


LONGITUDINAL SECTION ALONG ROADWAY - SCALE: 1"=10'-0"

MULTI-PLATE PIPE ARCHES • STA. 98+40



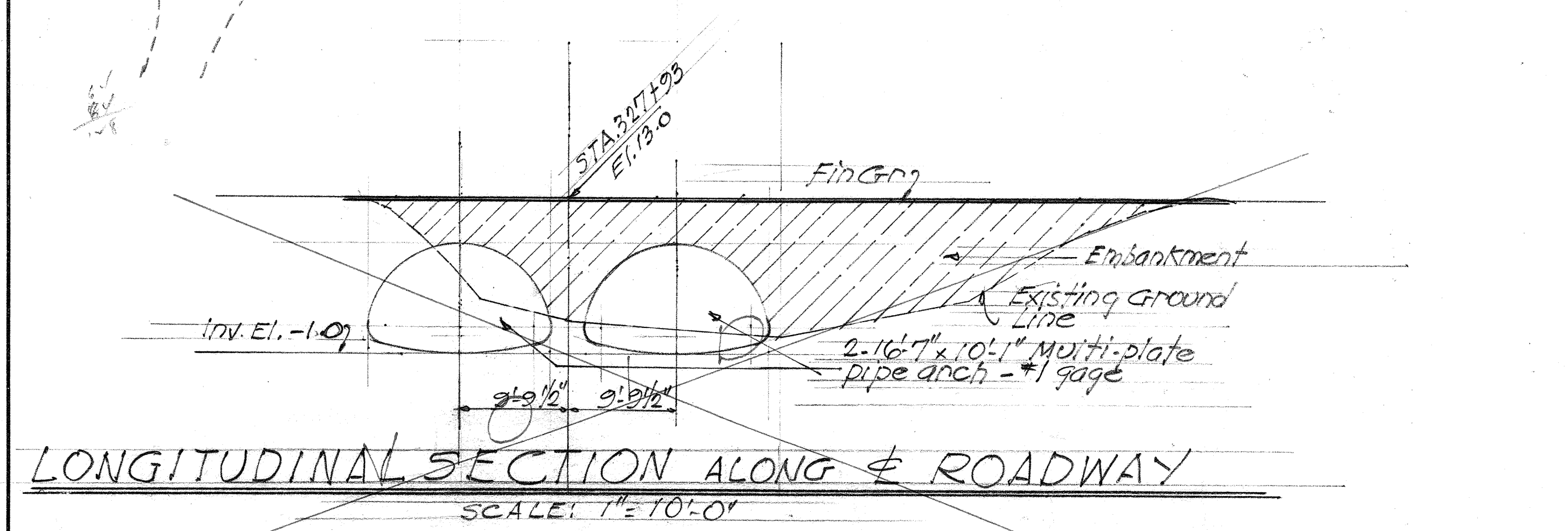
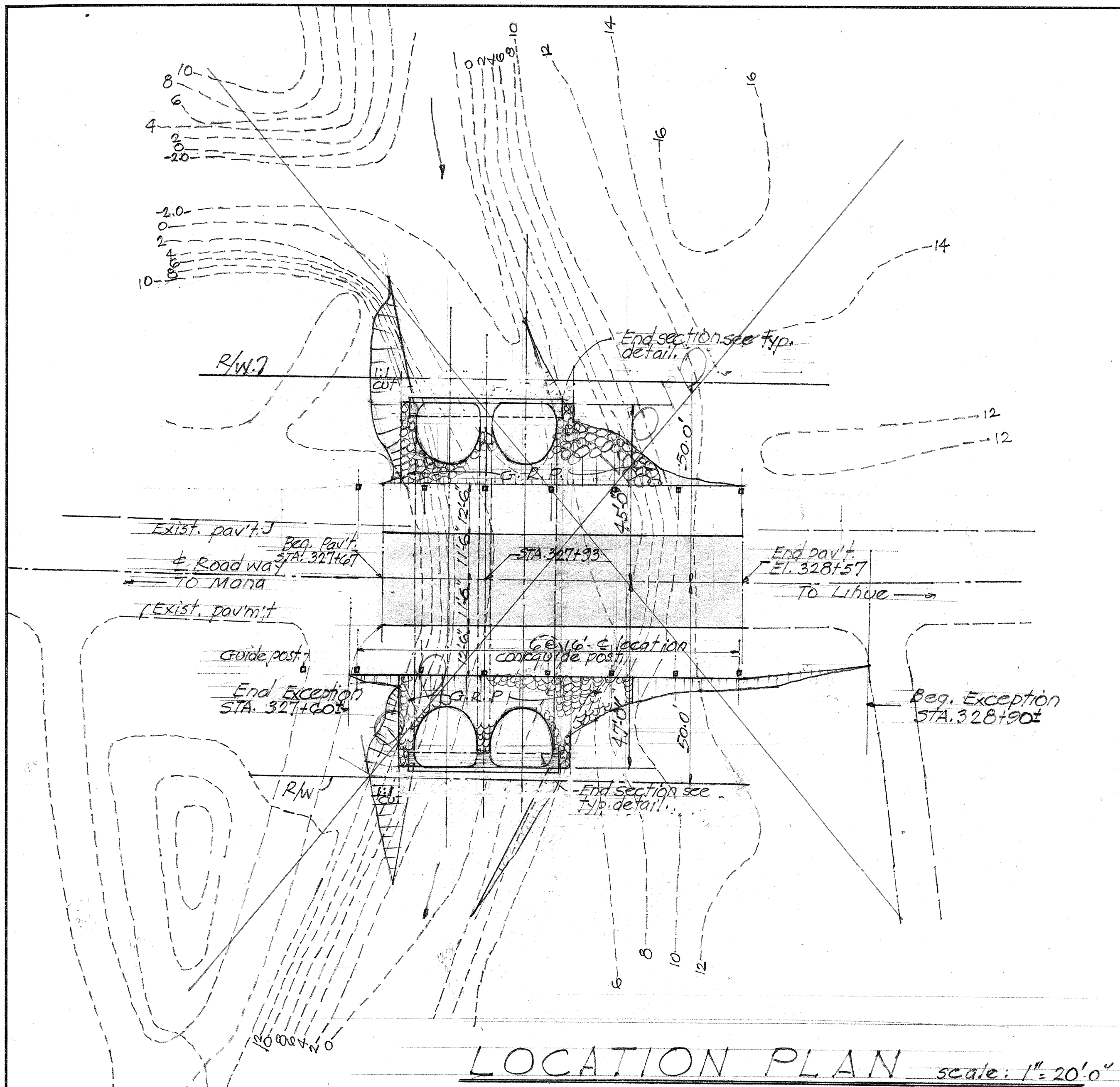
TYPICAL SECTION THRU C.R.M. WALL



ELEVATION A-A SCALE: 1"=10'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
MULTI-PLATE PIPE ARCH
STA. 98+40 AND STA. 121+00
PROPOSAL "B"
KAUAI BELT ROAD F-050-11
JANUARY 1957

DATE:
DESIGNED BY:
CHECKED BY:
ORIGINAL PLAN NO.:



MULTIPLATE PIPE ARCHES - STA. 327+93

ESTIMATED QUANTITIES								
LOCATION ITEMS	CORR. METAL PIPE CULVERT STA. 40+45	MULTI-PLATE PIPE ARCH STA. 28+40	MULTI-PLATE PIPE ARCH STA. 12+00	MULTI-PLATE PIPE ARCH STA. 327+93	CORR. METAL PIPE CULVERT STA. 40+00	CORR. METAL PIPE CULVERT STA. 40+55	CORR. METAL PIPE CULVERT STA. 476+51.0	GRAND TOTAL
BORROW	620.0	430.0	700.0	1,500.0	650.0	880.0	540.0	5,320.0 c.y.
SELECT BORROW	150.0	125.0	125.0	225.0	125.0	140.0	140.0	1,015.0 c.y.
COARSE ROCK	24.0	20.0	20.0	5.0	20.0	20.0	21.0	150.0 c.yds.
FILLER	7.0	6.0	6.0	11.0	6.0	6.0	7.0	49.0 c.yds.
PRIMER	56.0	47.0	47.0	85.0	47.0	47.0	50.0	379.0 gals.
SPRINKLING	6.0	5.0	5.0	8.5	5.0	5.0	5.5	40.0 M.gals.
A.C. PAVEMENT MIX NO. III	19.0	15.5	15.5	28.0	15.5	15.5	17.0	126.0 TONS.
STRUCTURAL EXC.	3.5	520.0	510.0	530.0	35.0	16.0	110.0	1,700 c.yds.
CHANNEL EXC.	—	120.0	135.0	48.0	12.0	—	38.0	353 c.yds.
16"x10" MULTI-PLATE PIPE ARCH - #1 gage	—	172.0	178.0	184.0	—	—	—	(Lump Sum) 554 lin. ft.
48" CORR. METAL PIPE CULVERT - #12 gage	80.0	—	—	—	160.0	92.0	—	(Lump Sum) 332 lin. ft.
54" CORR. METAL PIPE CULVERT - #12 gage	—	—	—	—	—	—	225.0	(Lump Sum) 225 lin. ft.
CEMENT RUBBLE MASONRY	—	65.0	—	—	—	—	—	65.0 c.yds.
GROUTED RUBBLE PAVING	31.5	30.0	37.0	65.0	47.0	31.5	47.5	157.5 c.yds.
6"x8" 5'x10' 10' CONC. GUIDE POST.	8 pcs.	11 pcs.	10 pcs.	15 pcs.	10 pcs.	6 pcs.	70 pcs.	130 pcs.
CLASS B-1 CONC.	—	21.0	21.0	21.0	—	—	—	63 c.yds.

GENERAL NOTES

- Pavement shall be Asphalt concrete of 2" compacted thickness using Mix No. III. Base course shall be 4" waterbound Base Course to be placed in one layer of 4" compacted thickness; consisting of coarse rock (size No. 2 - 2 1/2" to 3/4") with Filler (1/2" to No. 100).
- Existing timber structure to be removed, see special provisions. Timber piles to be cut at ground line.
- Where existing bridge concrete pier & abutment occur, remove only pier & abutment to an elevation 3'0" below finish road grade.
- Channel excavation beyond Right of Way Line at each end to be done by others.
- All guide posts to be concrete type as shown on standard details. For exact location, see corresponding plan.
- Locate pipe arches and pipe culverts so as to avoid resting on existing piles & piers.
- GROUTED RUBBLE PAVING on fill slopes may be omitted by the Engineer if field conditions prove to be such that this paving is not required.
- All pipes shall be coated as specified in special provisions.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
MULTI-PLATE PIPE ARCHES
STA. 327+93
PROPOSAL "B"
KAUAI BELT ROAD F-050-1(1)
JANUARY 1957

SURVEY PLOTTED BY: DATE: _____
DESIGNED BY: _____
TRACED BY: _____
QUANTITIES BY: _____
CHECKED BY: _____
ORIGINAL PLAN NO. _____
NOTE BOOK NO. _____