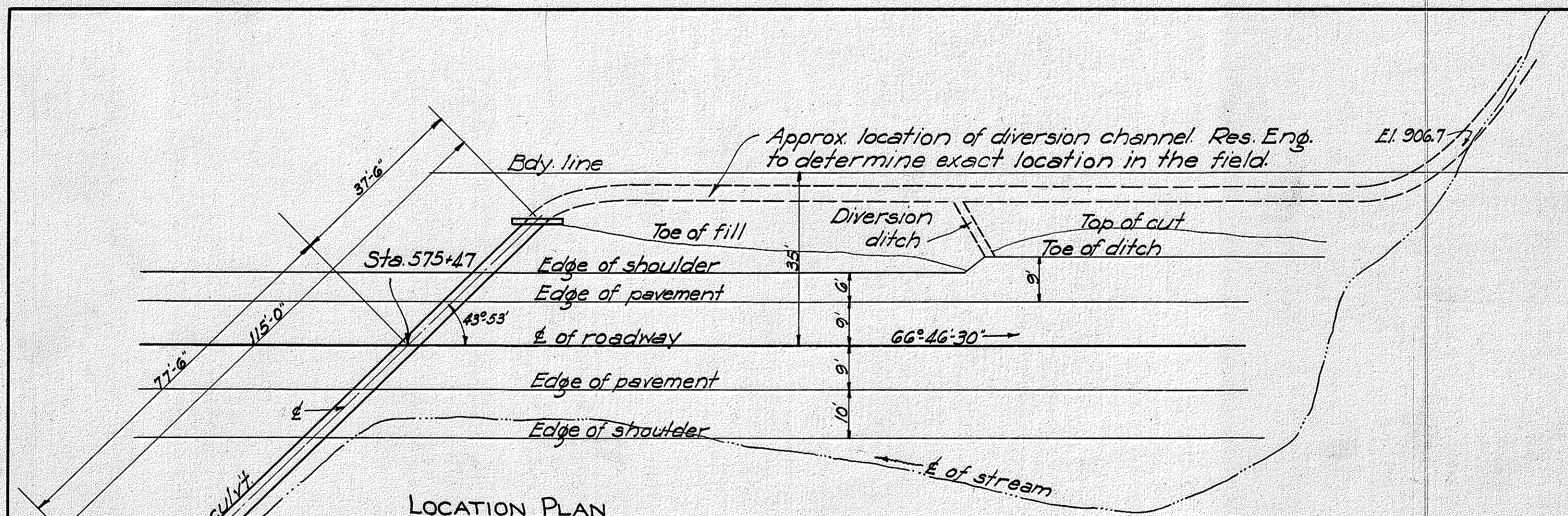
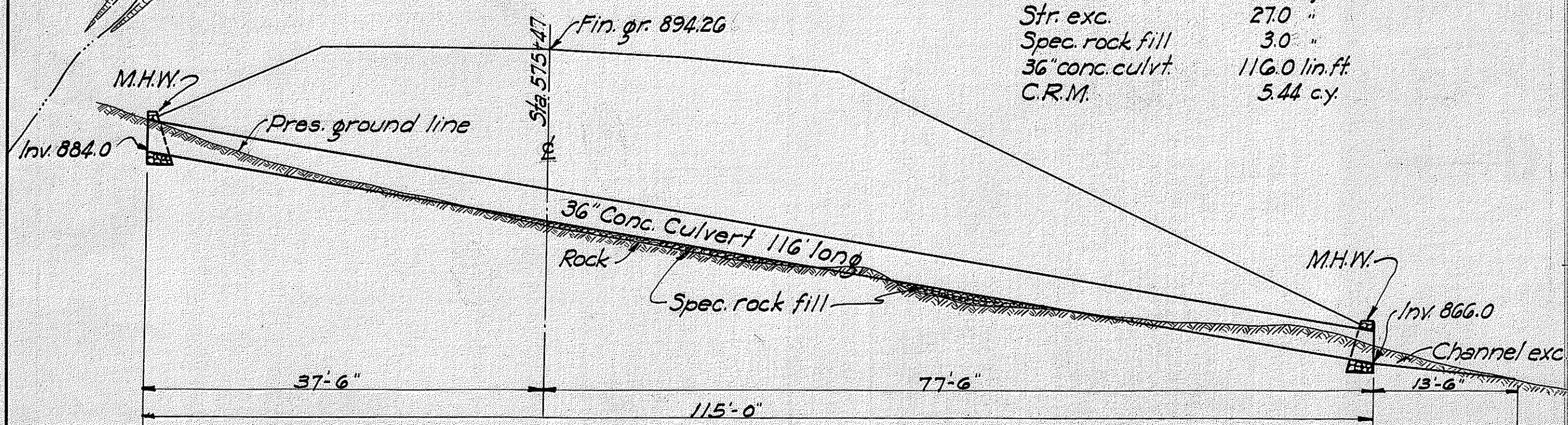


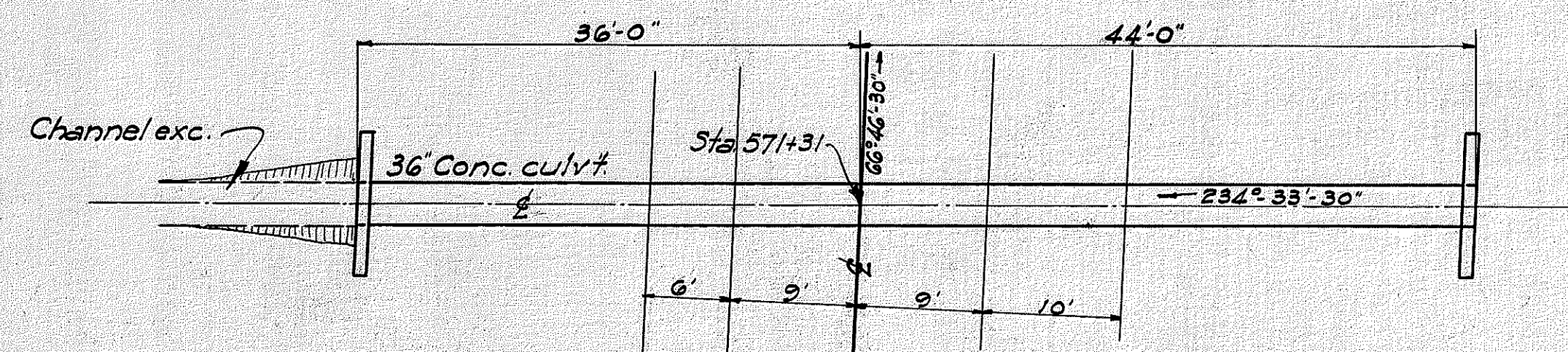


LOCATION PLAN
36" CONC. CULVT. STA. 575+47
Scale: 1"=20'

ESTIMATED QUANTITIES	
Uncl. exc.	281.0 c.y.
Str. exc.	27.0 "
Spec. rock fill	3.0 "
36" conc. culvt.	116.0 lin. ft.
C.R.M.	5.44 c.y.

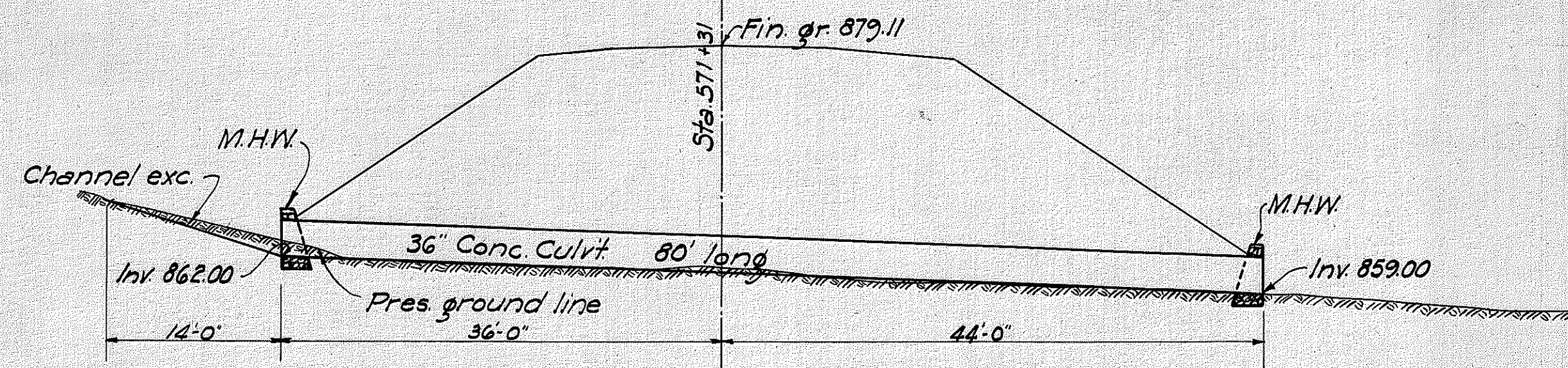


ELEVATION
36" CONC. CULVT. STA. 575+47
Scale: 1"=10'

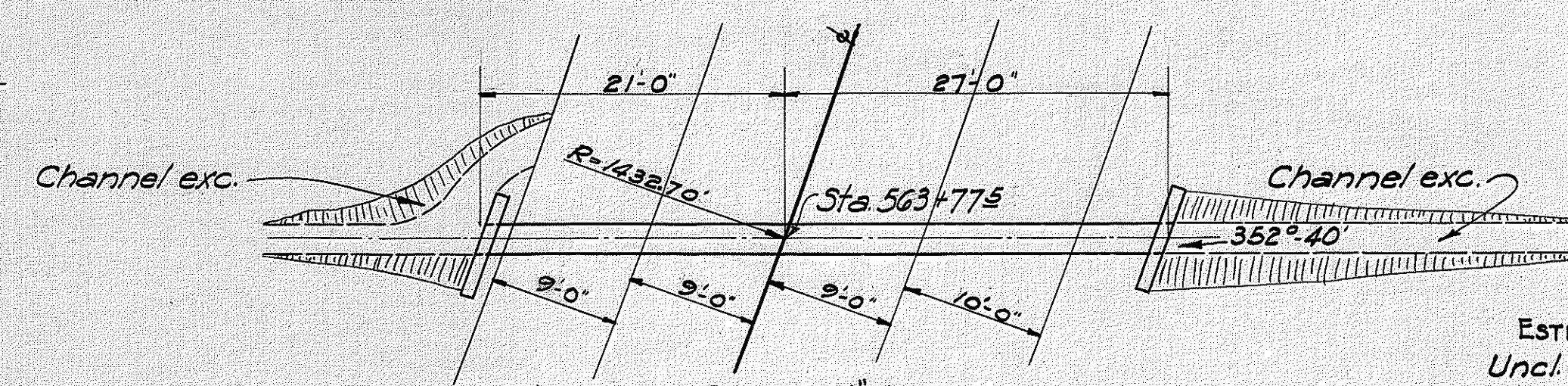


LOCATION PLAN
36" CONC. CULVT. STA. 571+31
Scale: 1"=10'

ESTIMATED QUANTITIES	
Uncl. exc.	2.0 c.y.
Str. exc.	7.0 "
36" conc. culvt.	80.0 lin. ft.
C.R.M.	5.44 c.y.

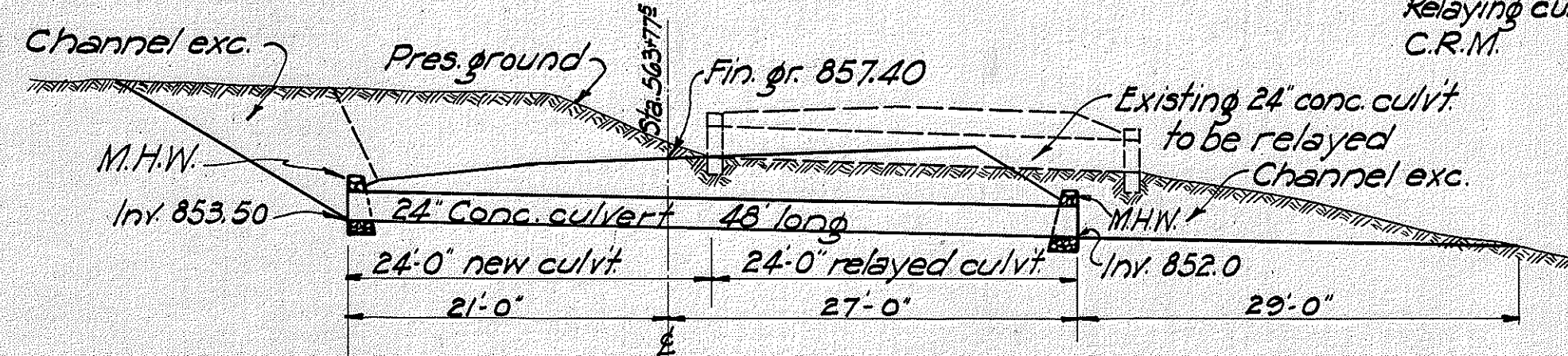


ELEVATION
36" CONC. CULVT. STA. 571+31
Scale: 1"=10'

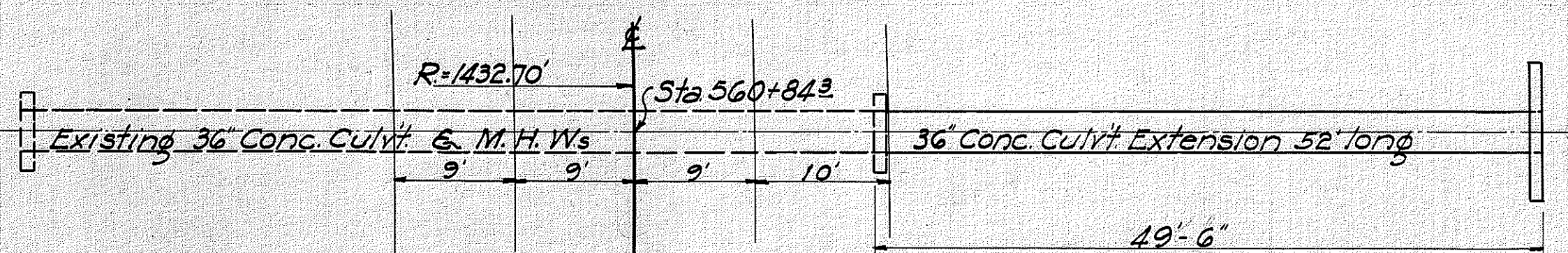


LOCATION PLAN 24" CONC. CULVT.
RELAYING & EXTENSION STA. 563+77.5

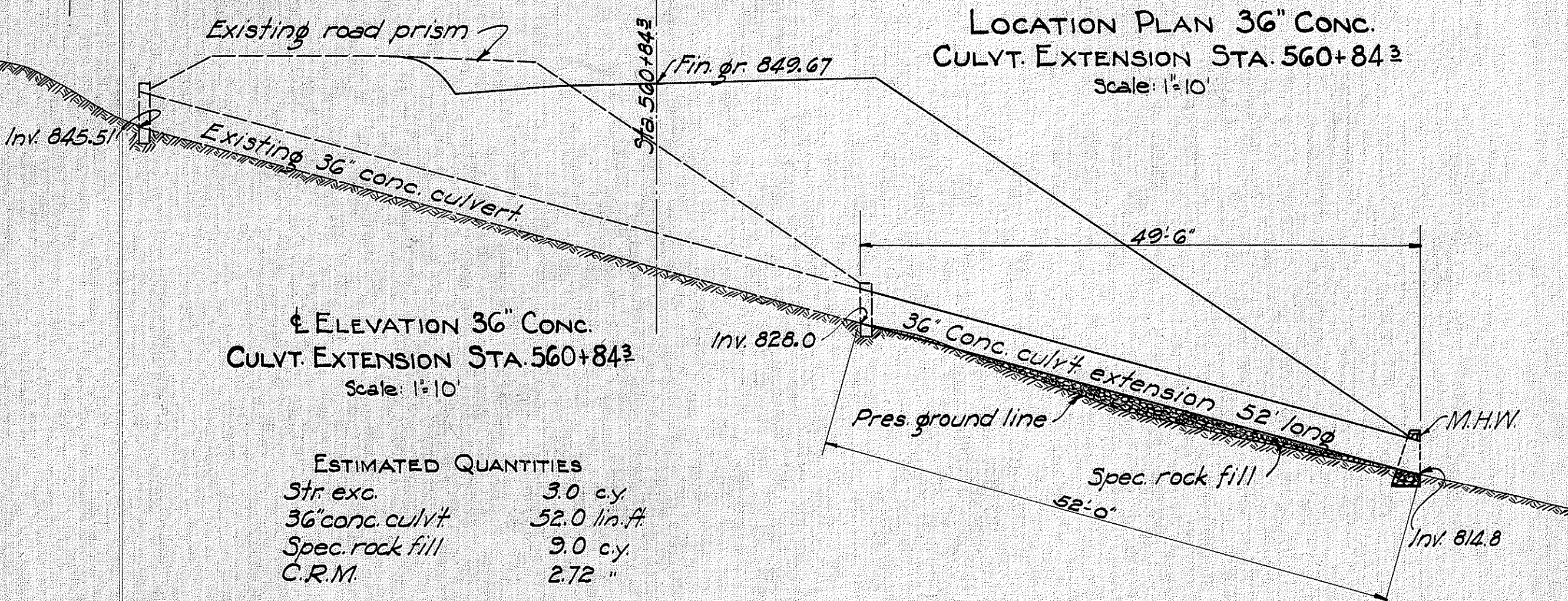
ESTIMATED QUANTITIES	
Uncl. exc.	37.0 c.y.
Str. exc.	40.0 "
24" conc. culvt.	24.0 lin. ft.
Relaying culvt. pipe	24.0 "
C.R.M.	2.82 c.y.



ELEVATION 24" CONC. CULVT.
RELAYING & EXTENSION STA. 563+77.5
Scale: 1"=10'

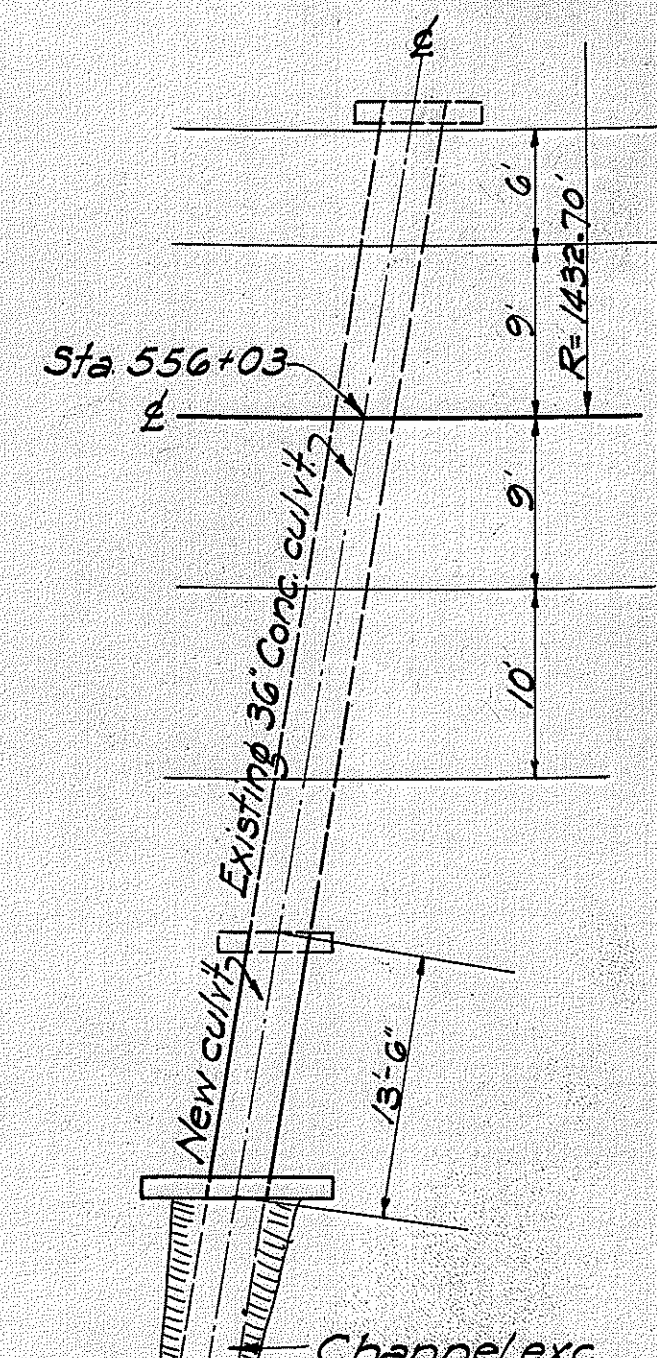


LOCATION PLAN 36" CONC.
CULVT. EXTENSION STA. 560+84.3
Scale: 1"=10'

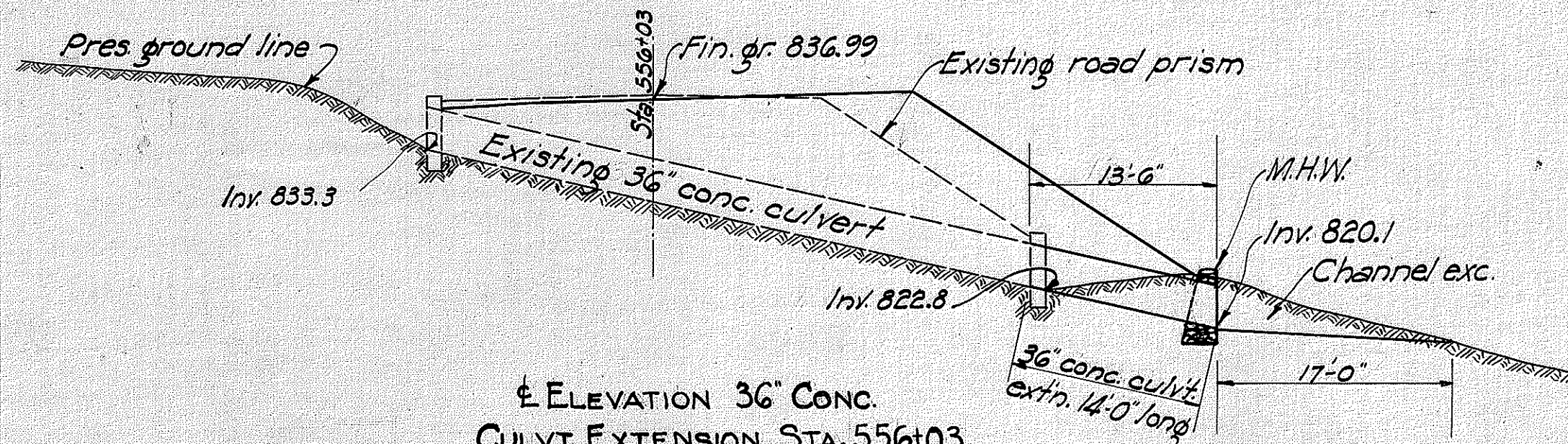


ELEVATION 36" CONC.
CULVT. EXTENSION STA. 560+84.3
Scale: 1"=10'

ESTIMATED QUANTITIES	
Str. exc.	3.0 c.y.
36" conc. culvt.	52.0 lin. ft.
Spec. rock fill	9.0 c.y.
C.R.M.	2.72 "



LOCATION PLAN 36" CONC.
CULVT. EXTENSION STA. 556+03
Scale: 1"=10'



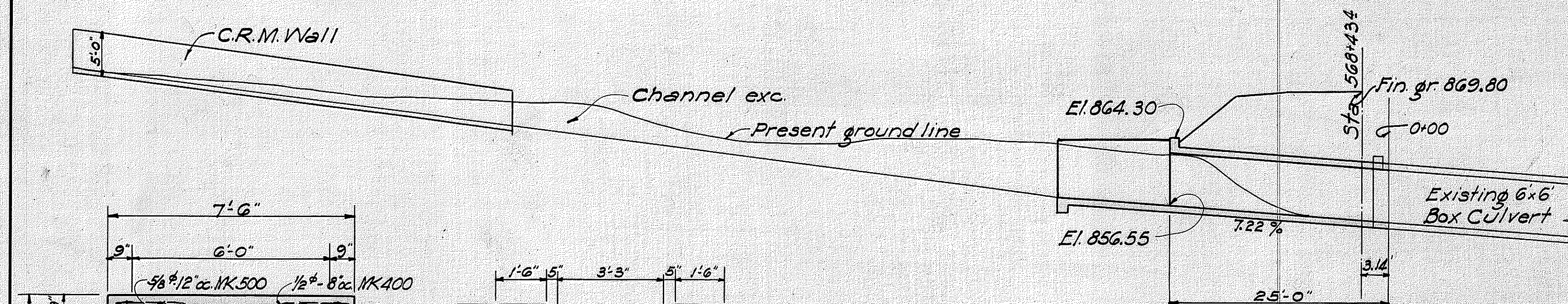
ELEVATION 36" CONC.
CULVT. EXTENSION STA. 556+03
Scale: 1"=10'

ESTIMATED QUANTITIES	
Uncl. exc.	6.0 c.y.
Str. exc.	15.0 "
36" conc. culvt.	14.0 lin. ft.
C.R.M.	2.72 c.y.

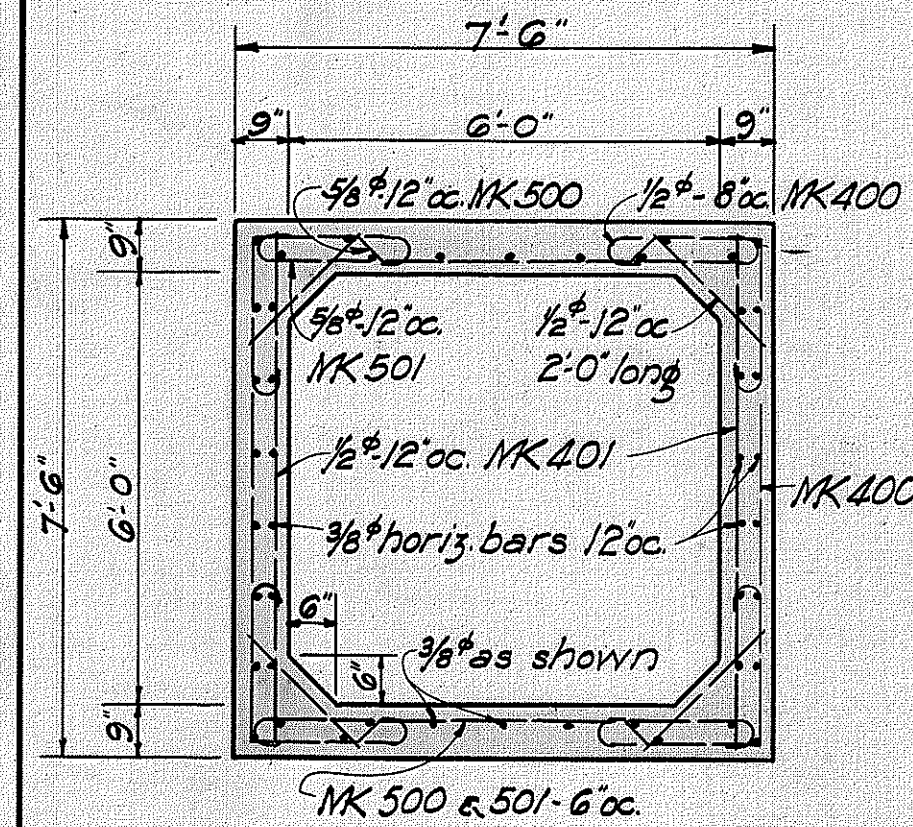
DETAILS OF 24" & 36" CONCRETE PIPE CULVERTS & EXTENSIONS

HAWAII BELT ROAD N.R.H. 14G (1935)

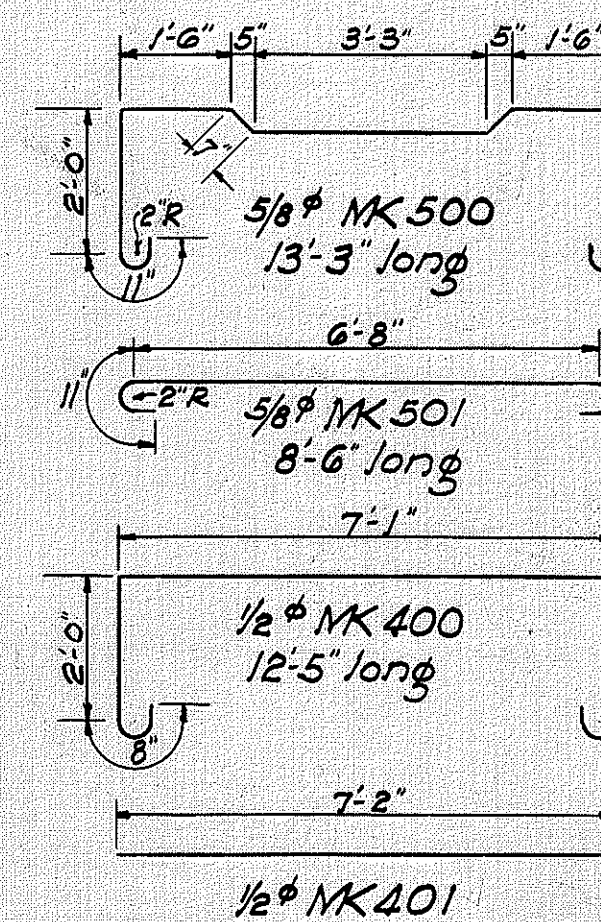
Sheet 1 of 1 Sheet



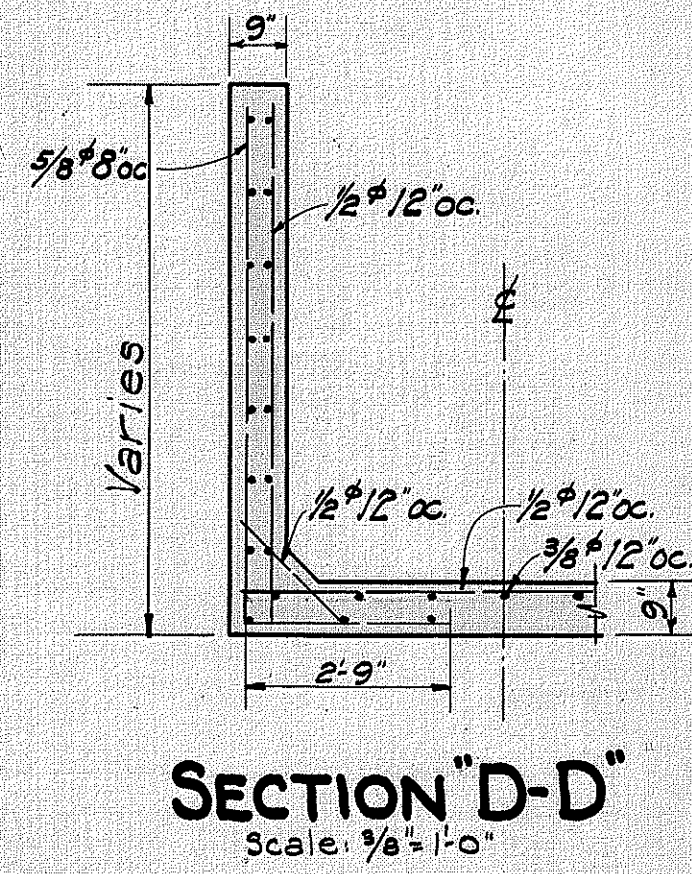
SECTIONAL ELEVATION AT E
Scale: 1/8"=1'-0"



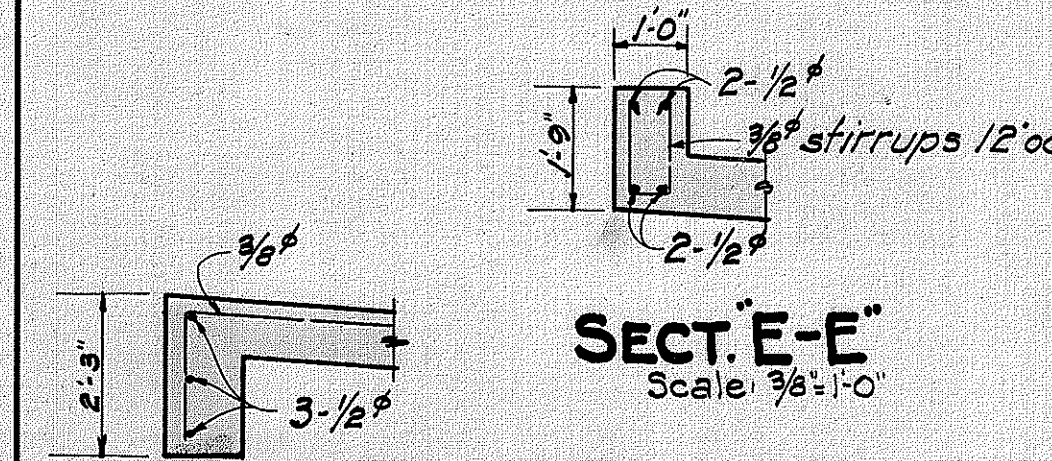
TYPICAL SECTION OF BOX
Scale: 3/8"=1'-0"



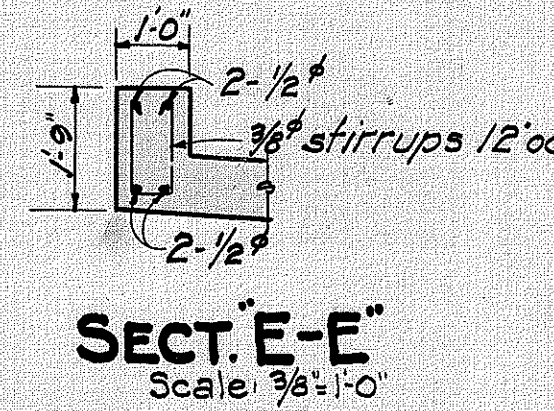
SECTION "B-B"
Scale: 3/8"=1'-0"



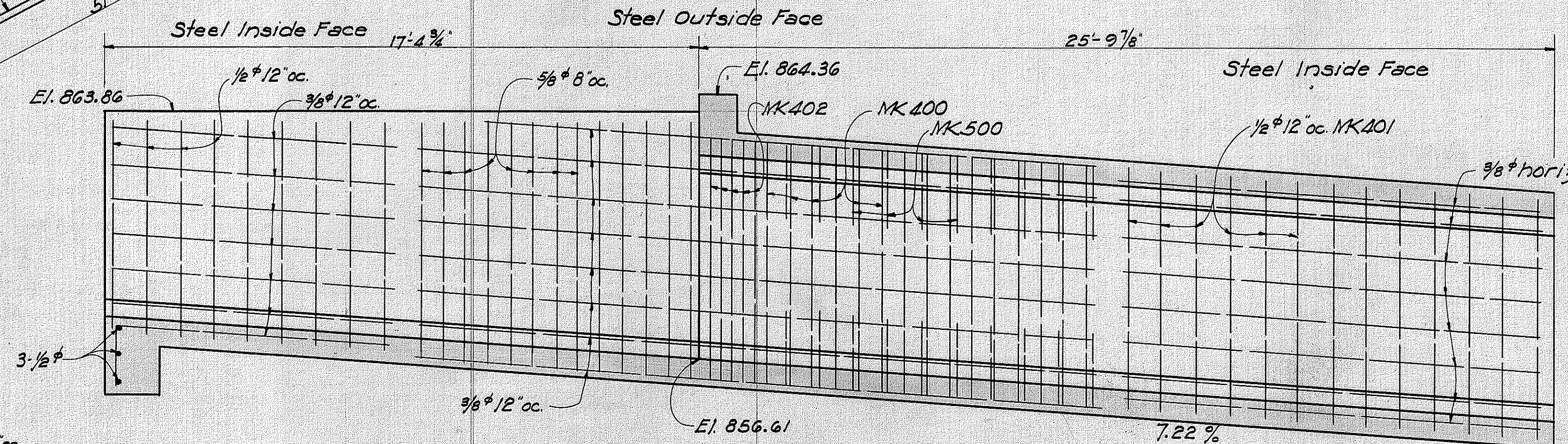
SECTION "D-D"
Scale: 3/8"=1'-0"



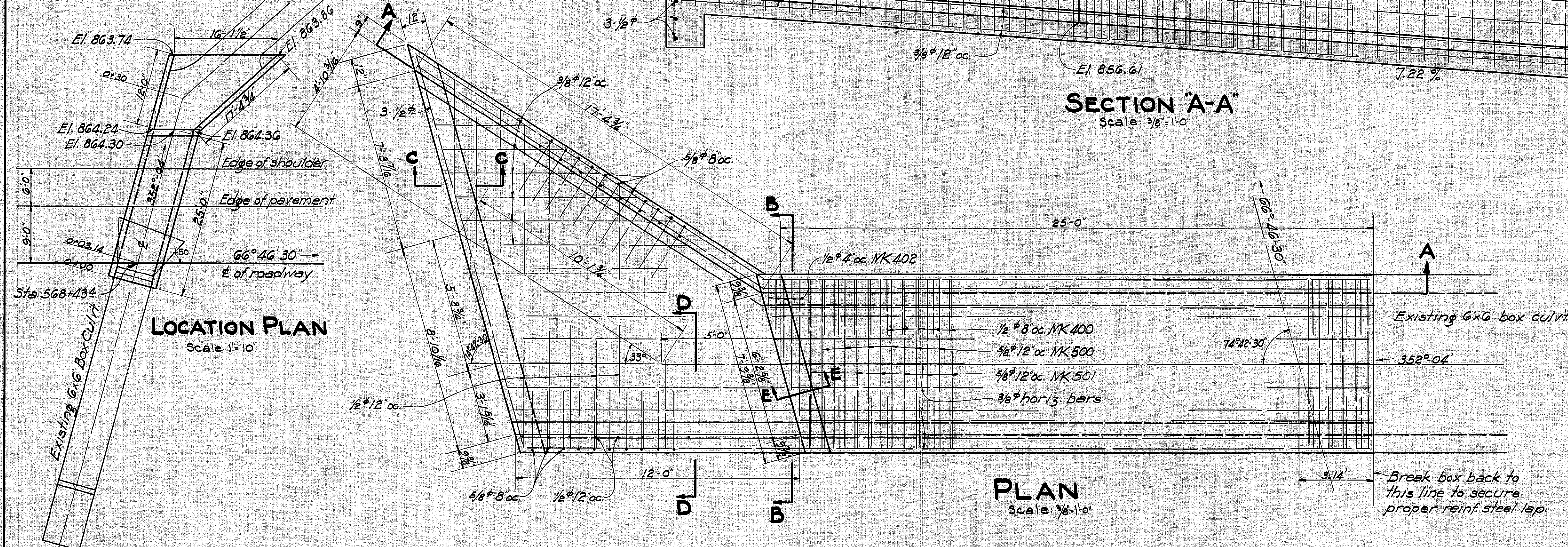
SECTION "C-C"
Scale: 3/8"=1'-0"



SECTION "E-E"
Scale: 3/8"=1'-0"



SECTION "A-A"
Scale: 3/8"=1'-0"



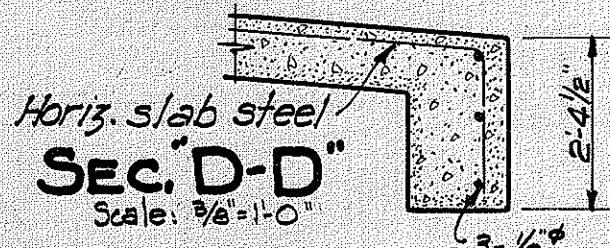
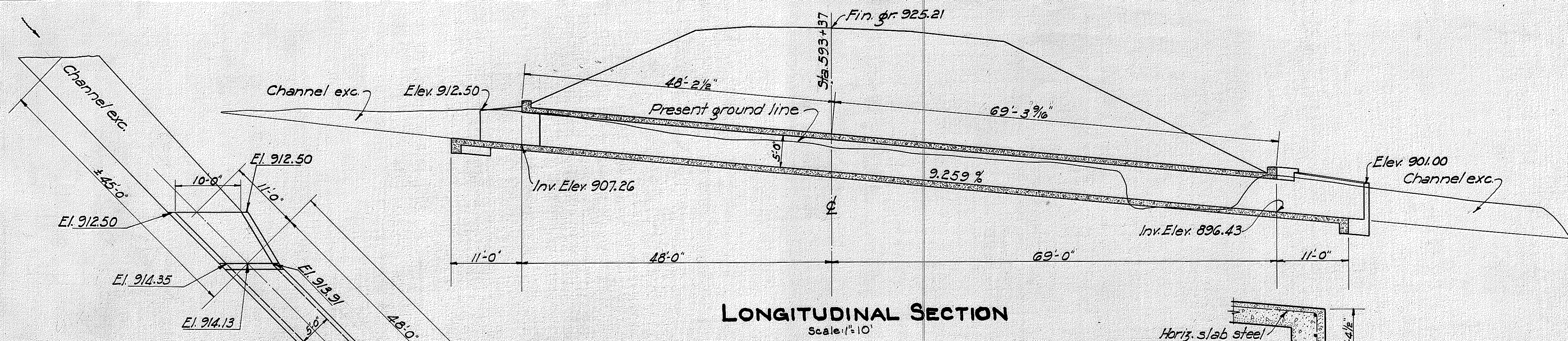
PLAN
Scale: 3/8"=1'-0"

ESTIMATED QUANTITIES

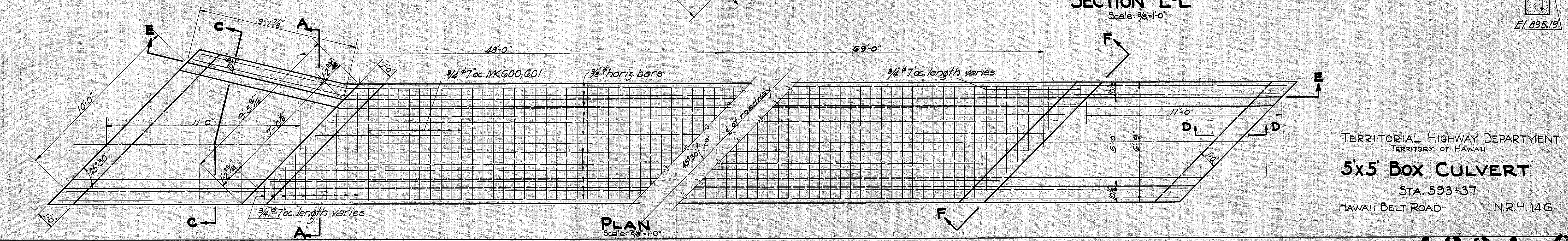
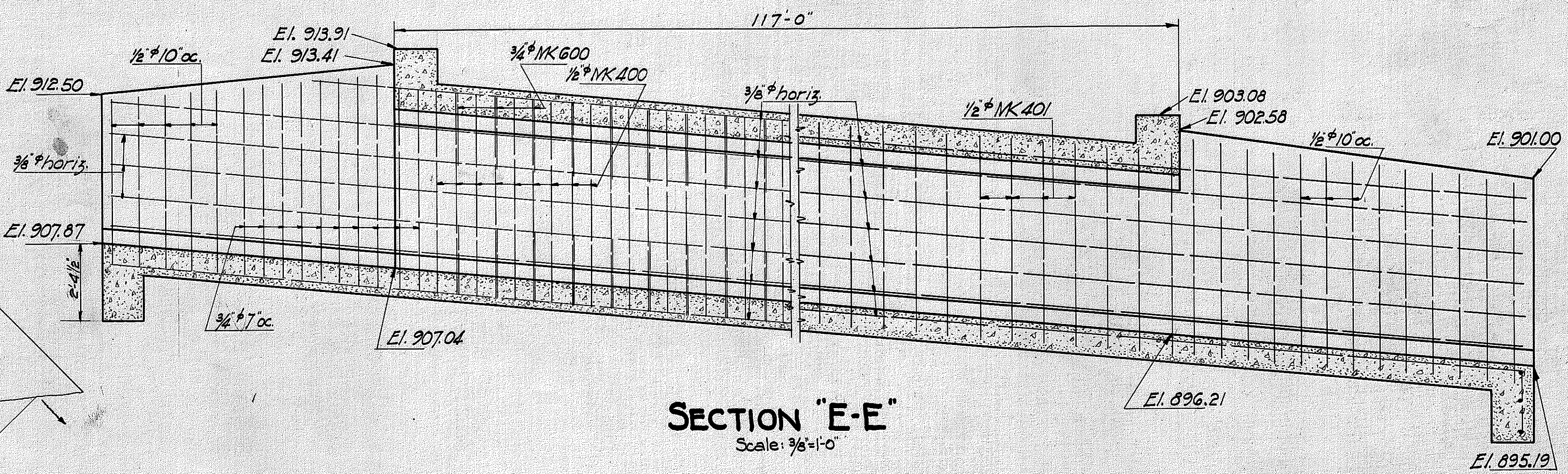
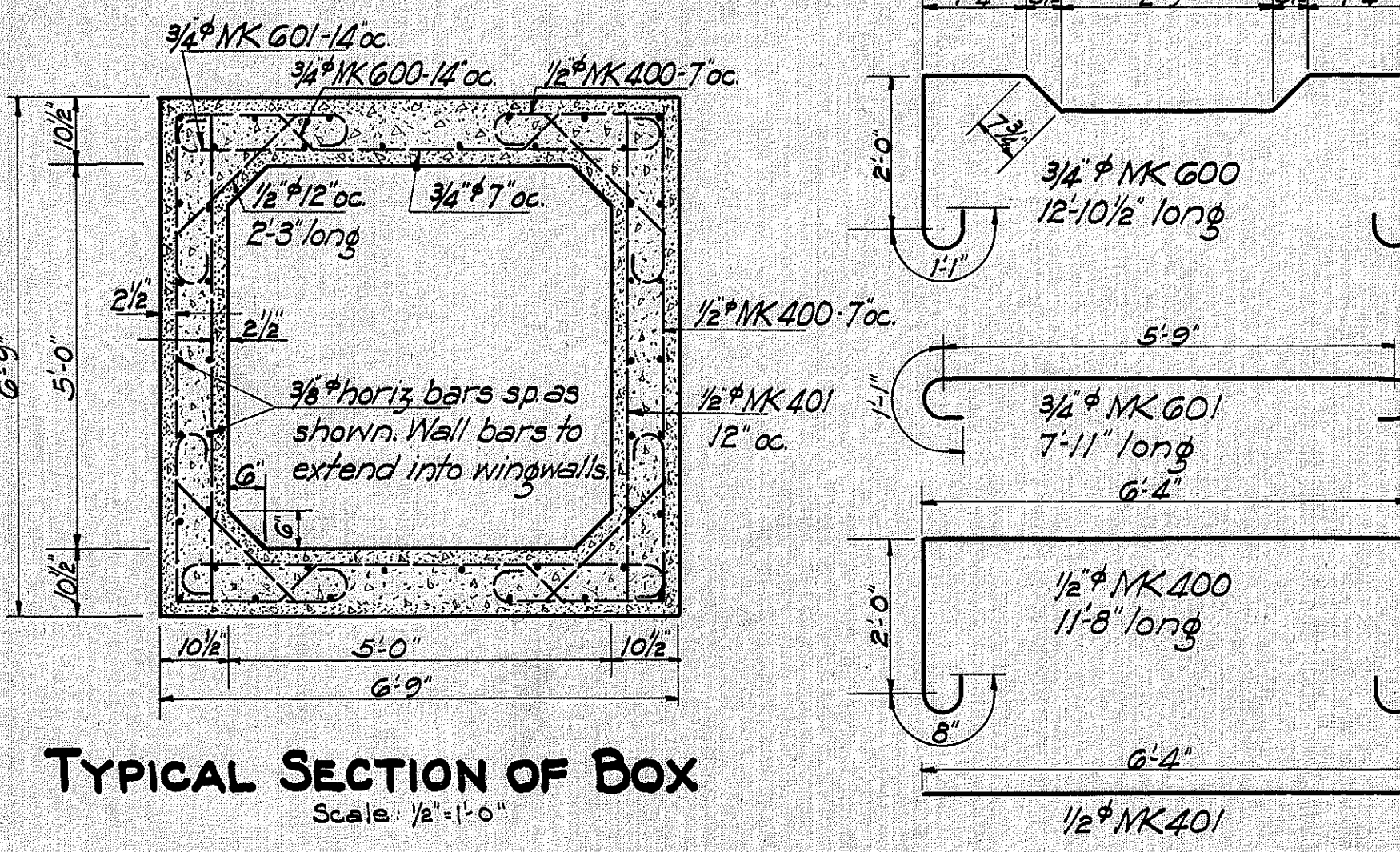
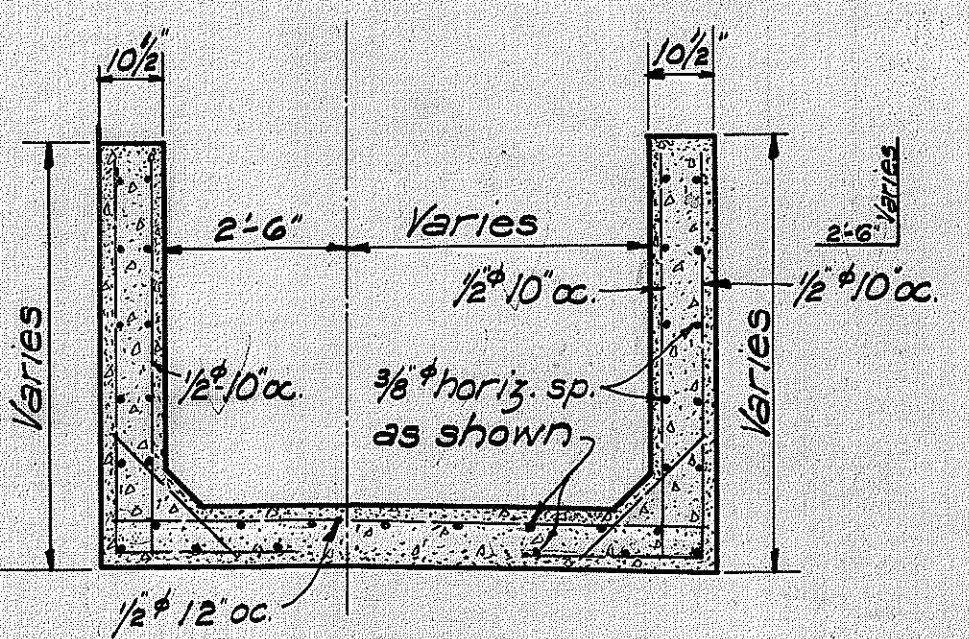
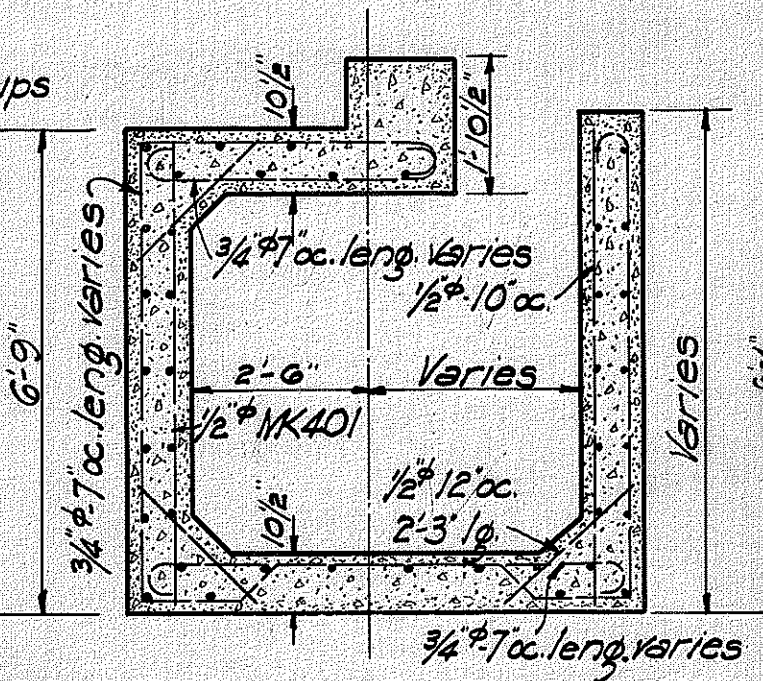
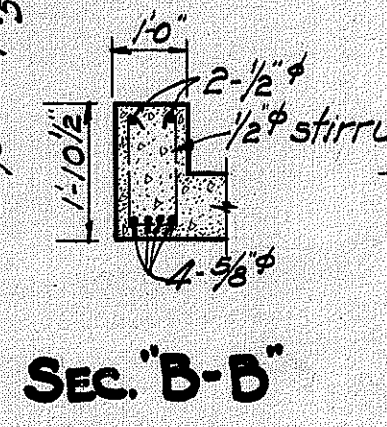
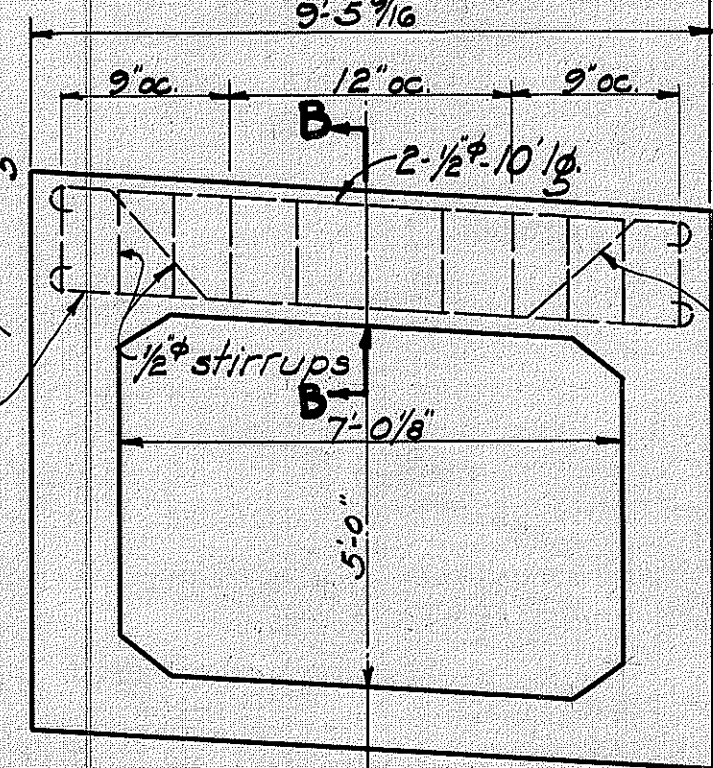
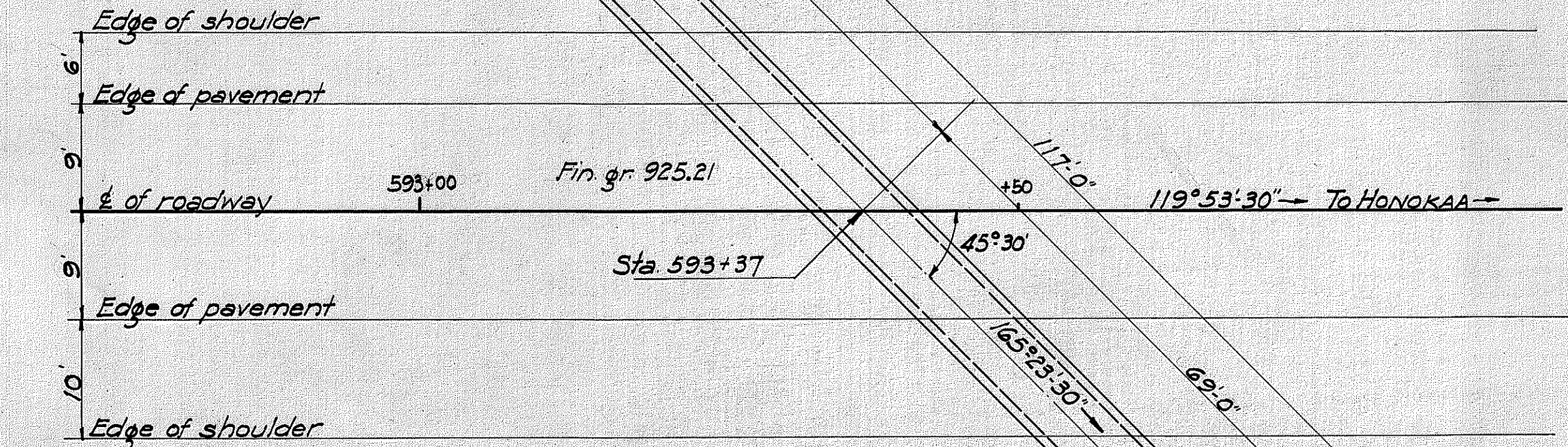
Unclassified Excavation	95.0 c.y.
Structure Excavation	100.0 c.y.
Class A Concrete	30.2 c.y.
Reinforcing Steel	3690.0 lbs
Cem. Rubble Masonry	22.3 c.y.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
6'x6' BOX CULVERT EXTENSION
STA. 568+434
HAWAII BELT ROAD N.R.H. 14G

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	N.R.H. 14 G	1935	9	37

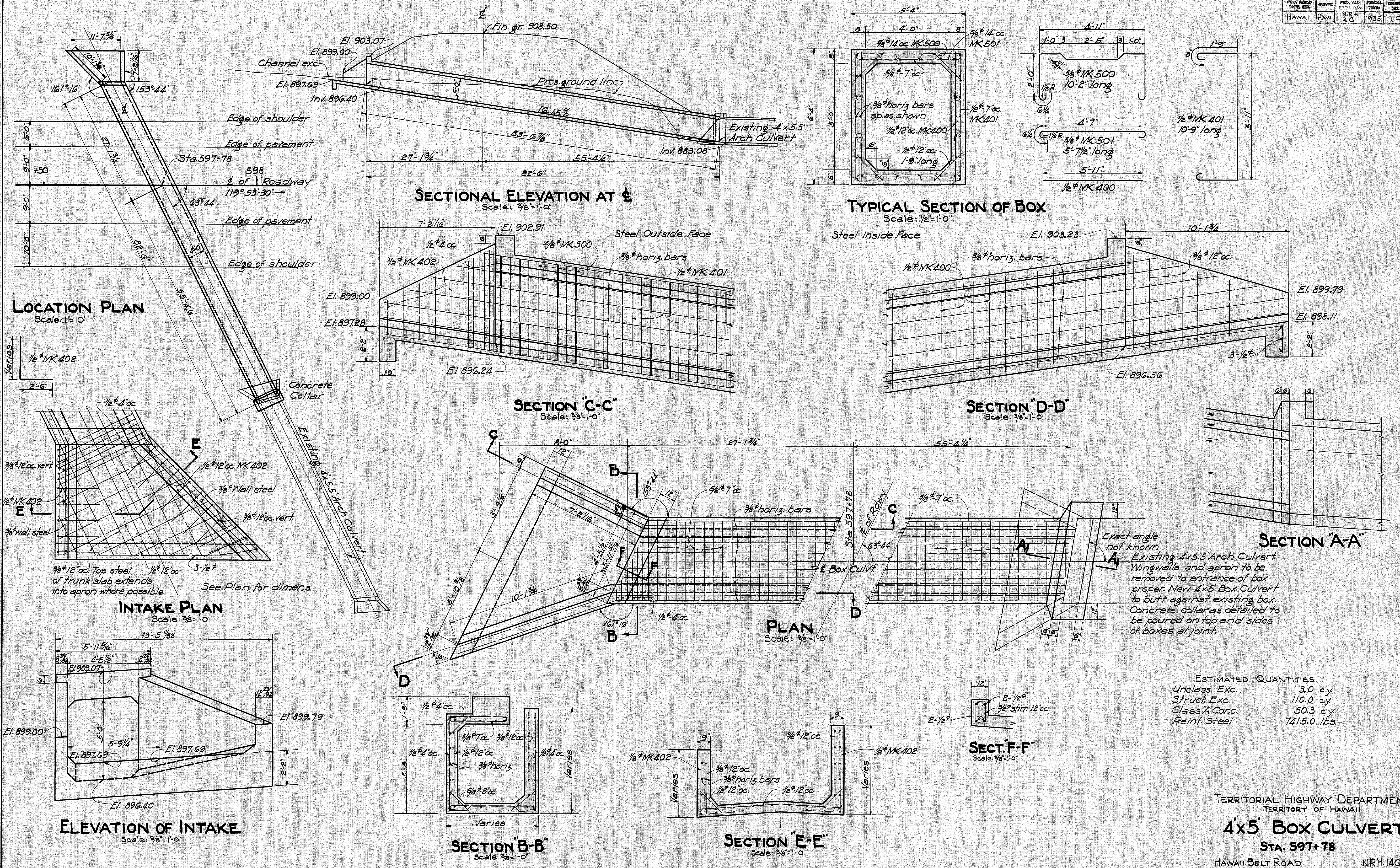


ESTIMATED QUANTITIES	
Unclass. Exc.	90.0 c.y.
Struct. Exc.	230.0 c.y.
Class A Conc.	106.0 c.y.
Reinf. Steel	14,891.0 lbs



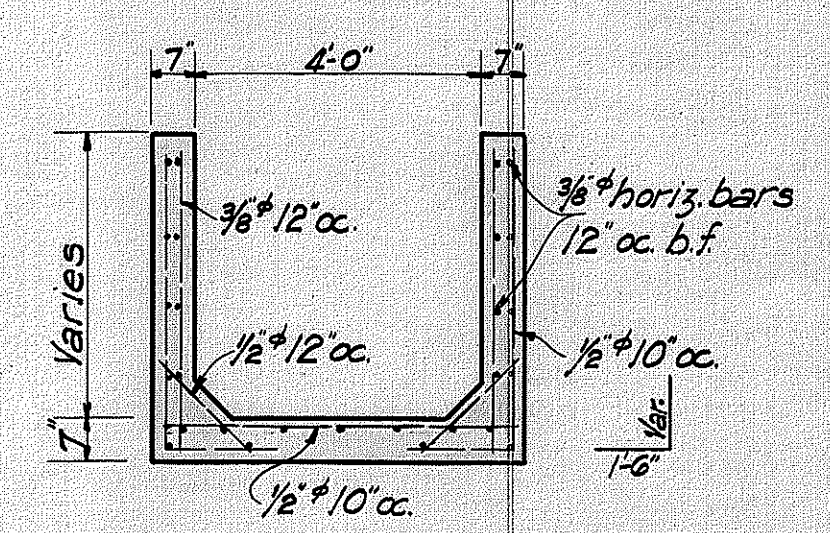
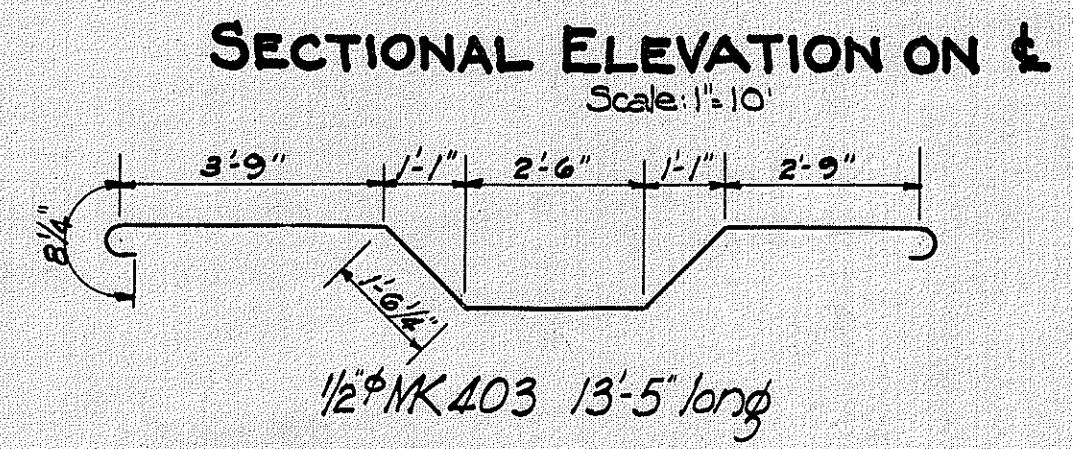
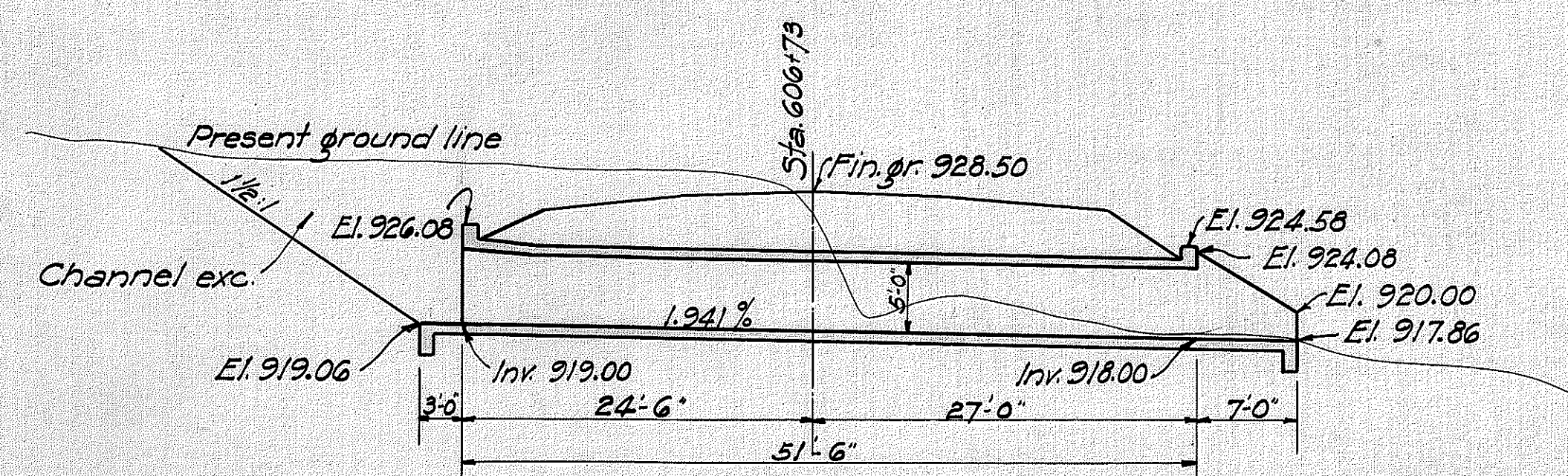
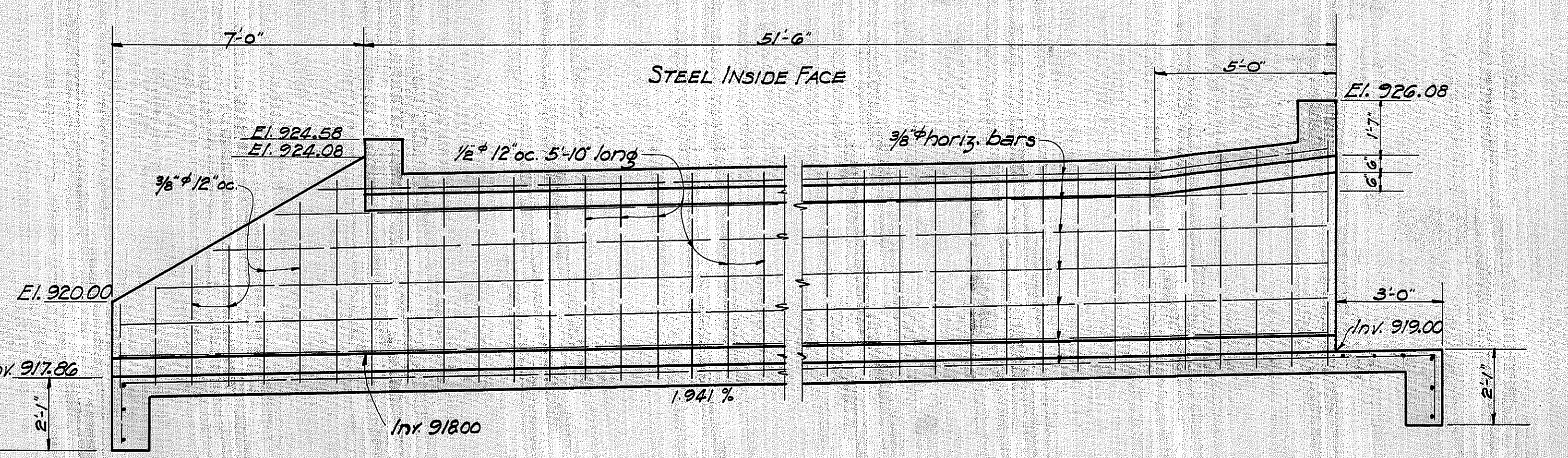
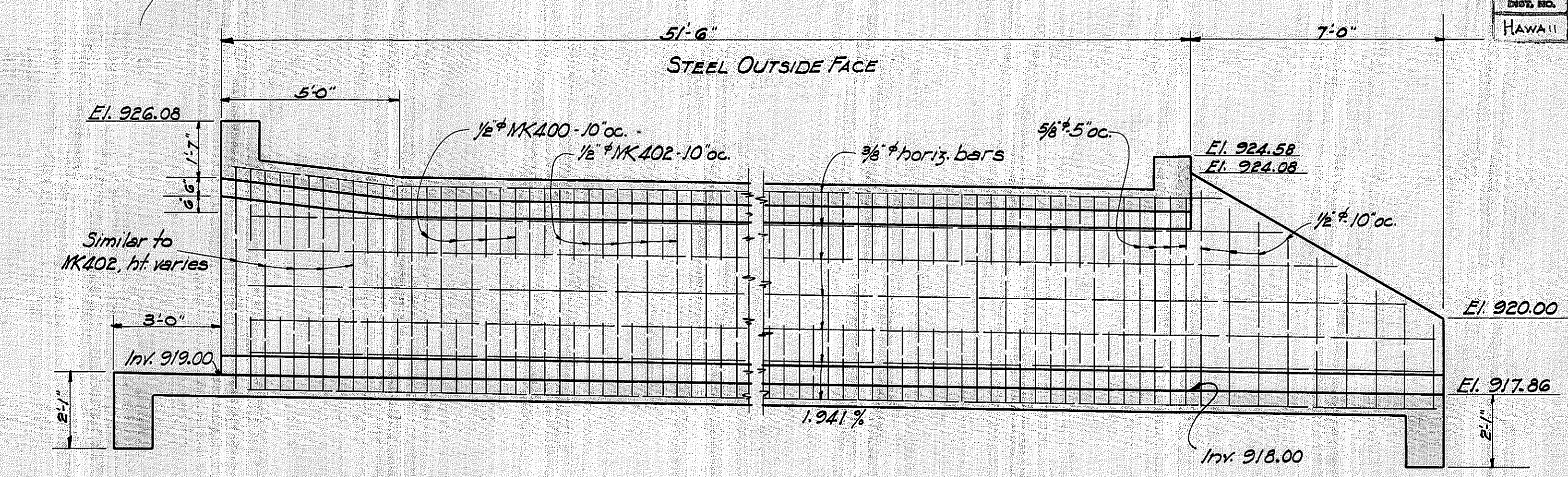
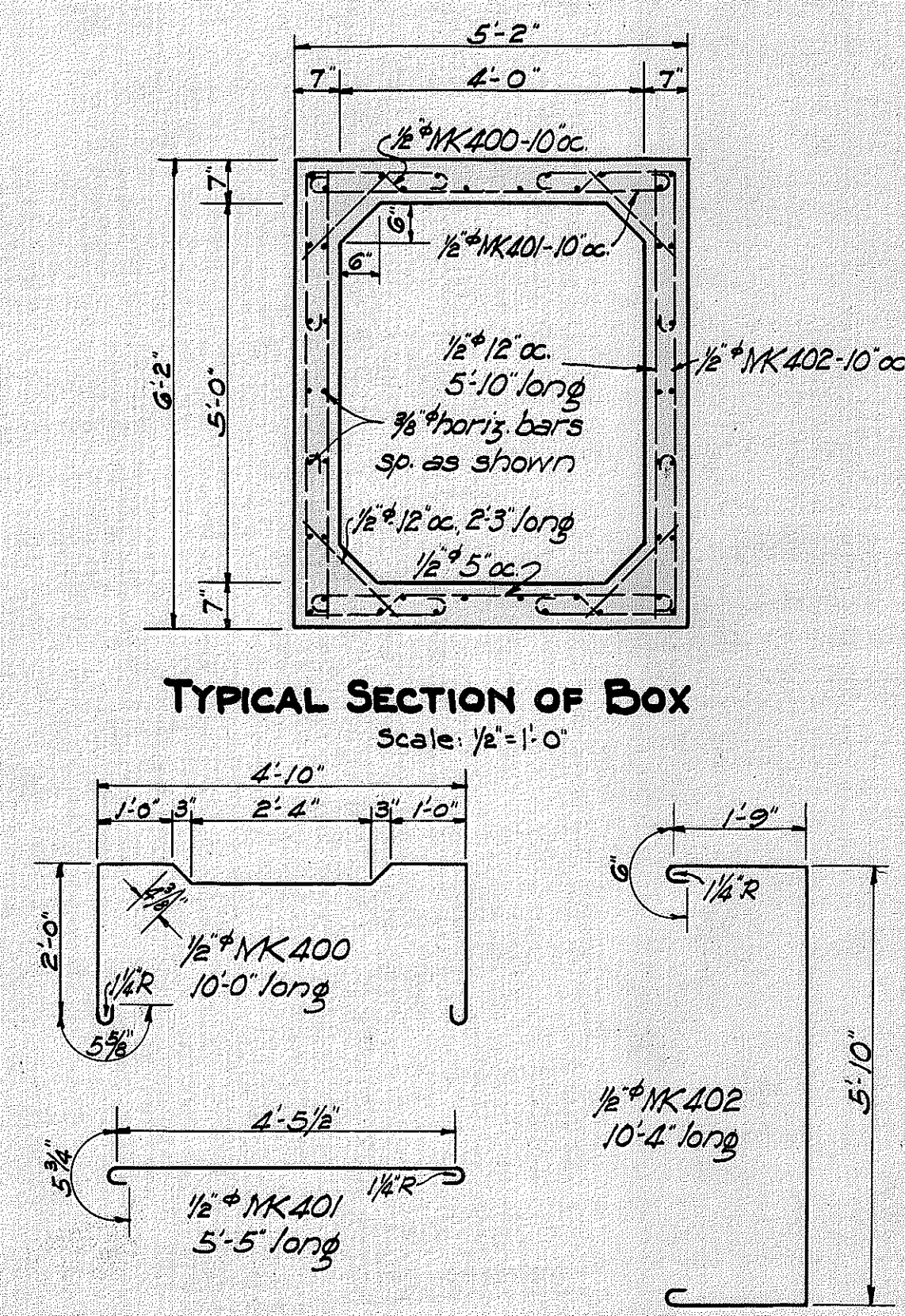
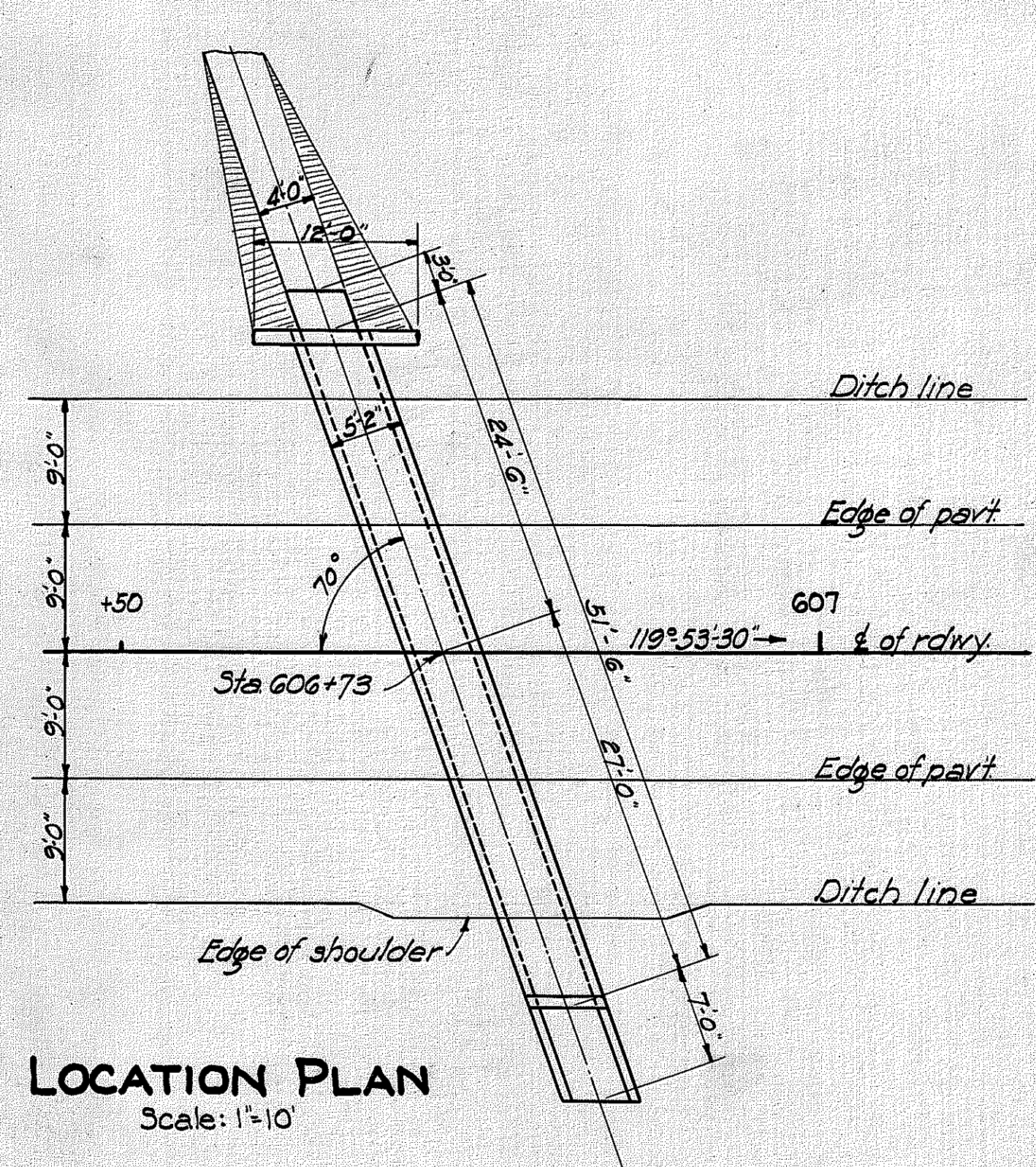
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
5'x5' BOX CULVERT
STA. 593+37
HAWAII BELT ROAD N.R.H. 14 G

PROJ. NO.	DATE	BY	CHKD.	APP'D.	PROJ. NO.	DATE	BY	CHKD.	APP'D.	PROJ. NO.	DATE	BY	CHKD.	APP'D.	TOTAL SHEETS
HAWAII	HAW	NRH	14G	1935	10	37									

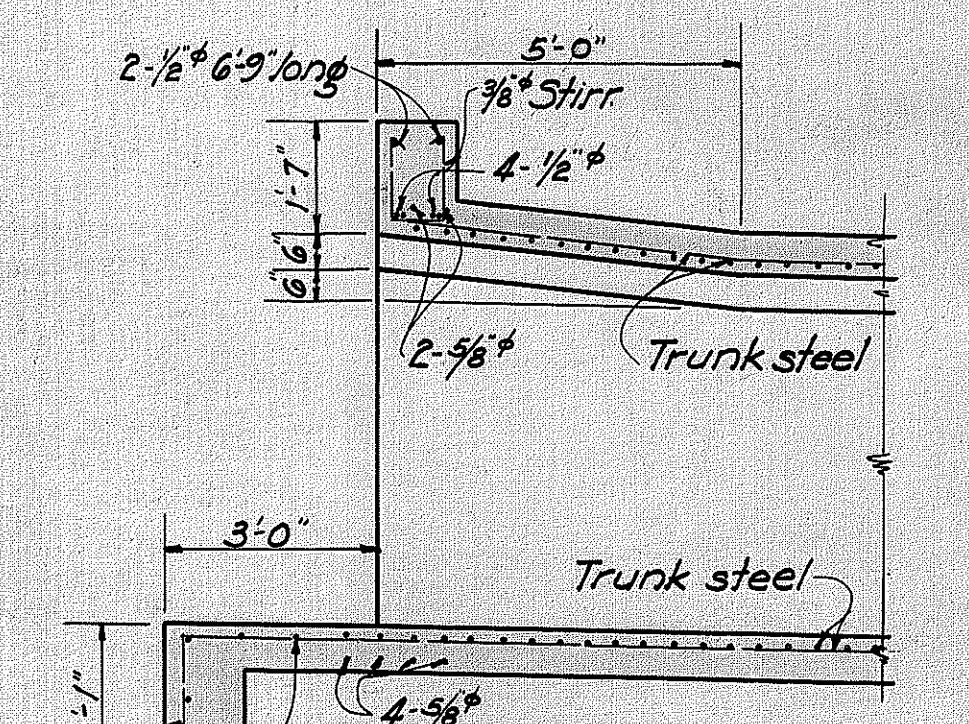
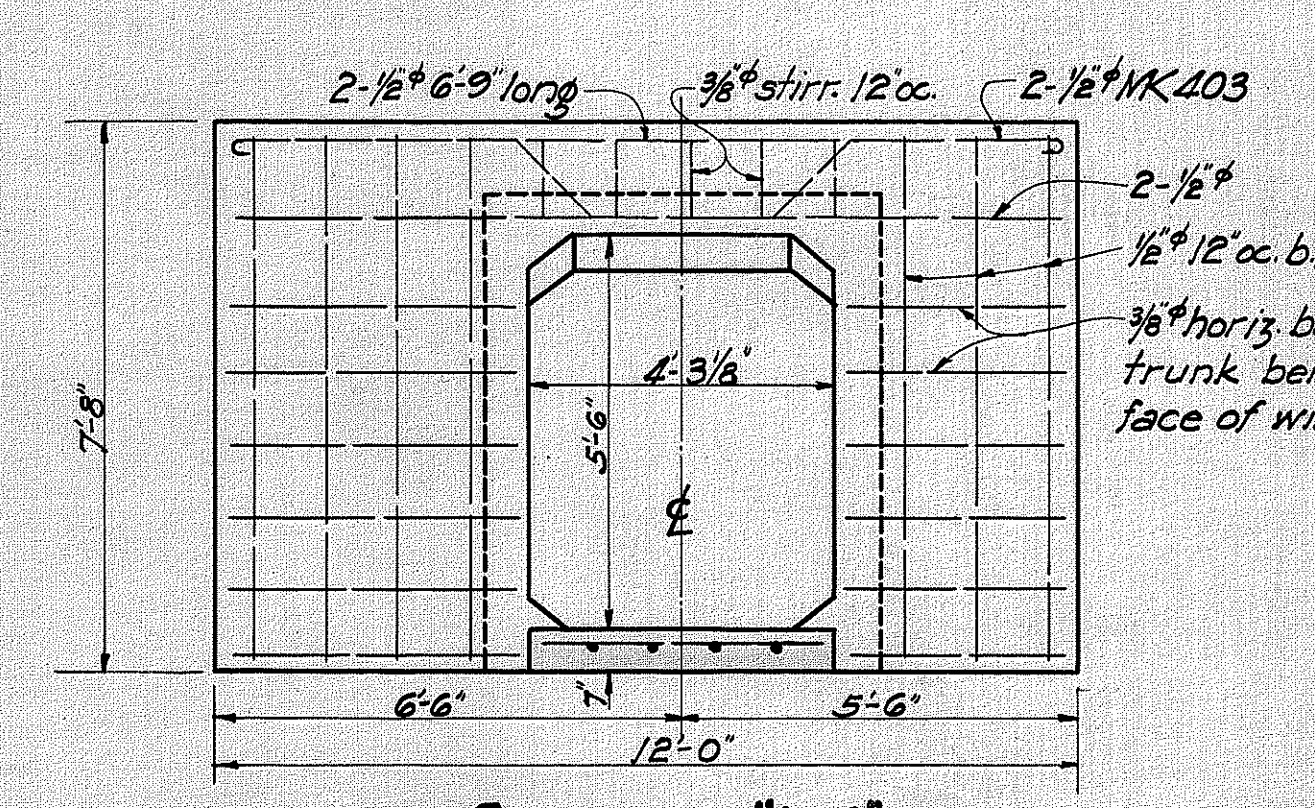


4324.10

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	N.H. 14G	1935	11	37

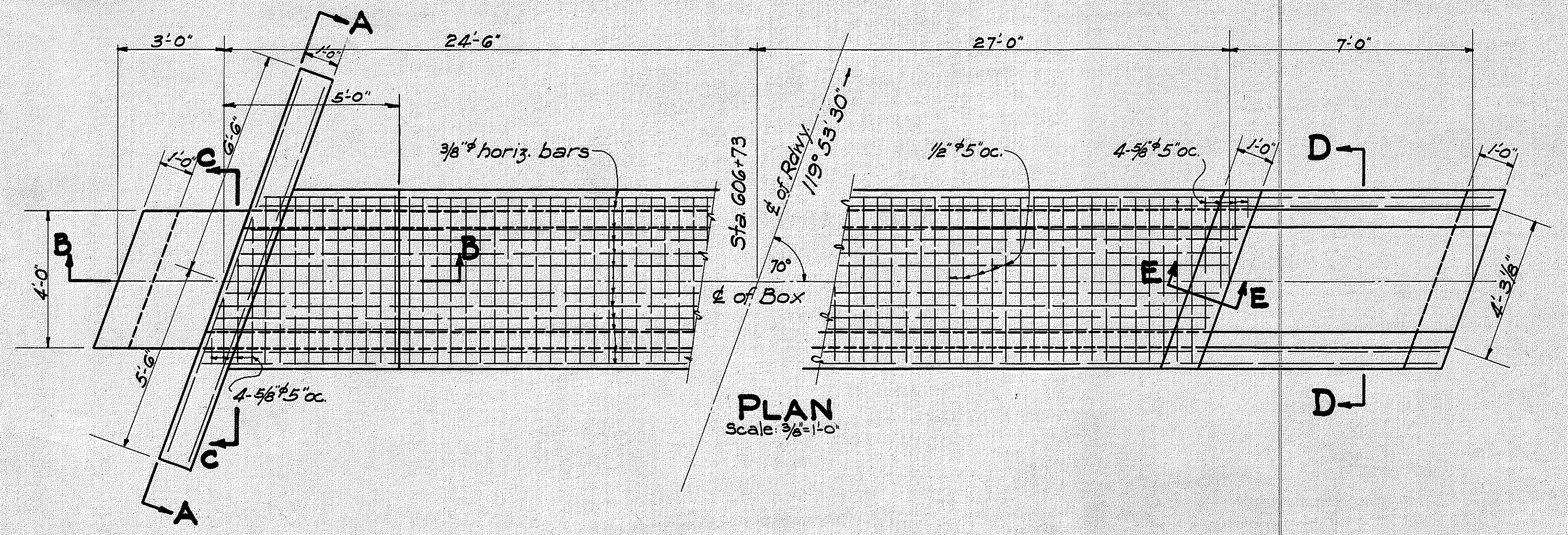
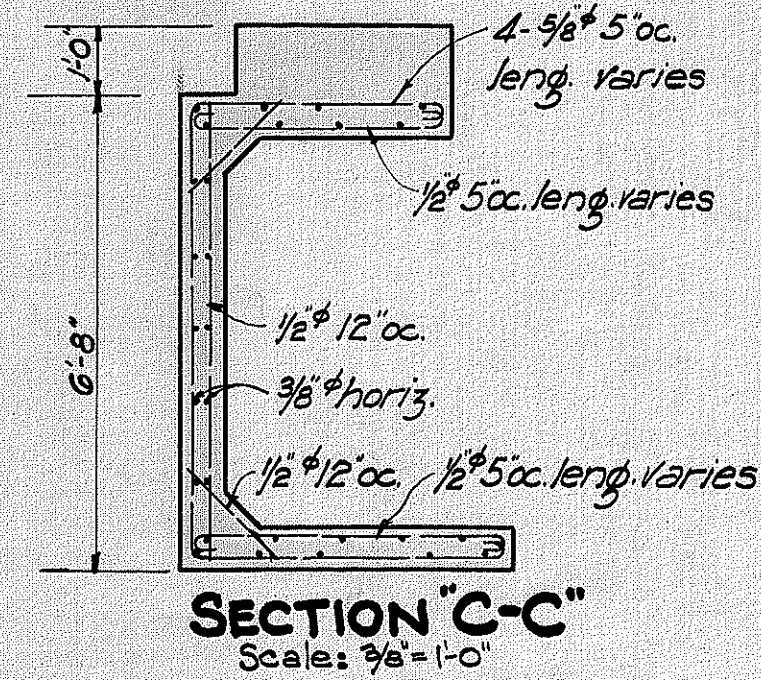
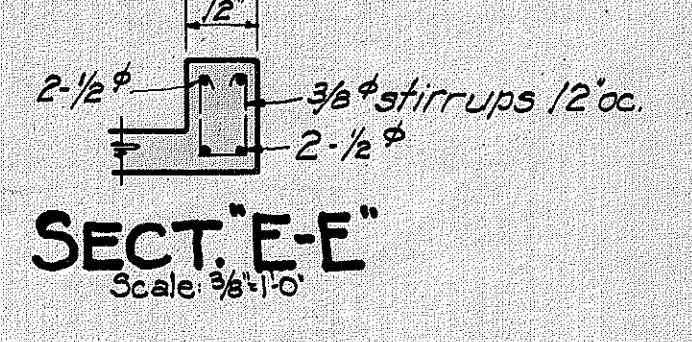


LONGITUDINAL SECTIONS Scale: 3/8"=1'-0"



Top 3/8" #12 oc. bars bent into wall. Outlet similarly reinforced.

ESTIMATED QUANTITIES	
Unclass. Exc.	45.0 cy
Struct. Exc.	100.0 cy
Class A' Conc.	29.0 cy
Reinf. Steel	4295.0 lbs



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
4x5' BOX CULVERT
STA. 606+73
HAWAII BELT ROAD N.R.H. 14G

ORIGINAL	DATE	4-24
DESIGNED BY	J.C.M.	
CHECKED BY	J.C.M.	
QUANTITIES BY	J.C.M.	
NOTED BY	J.C.M.	