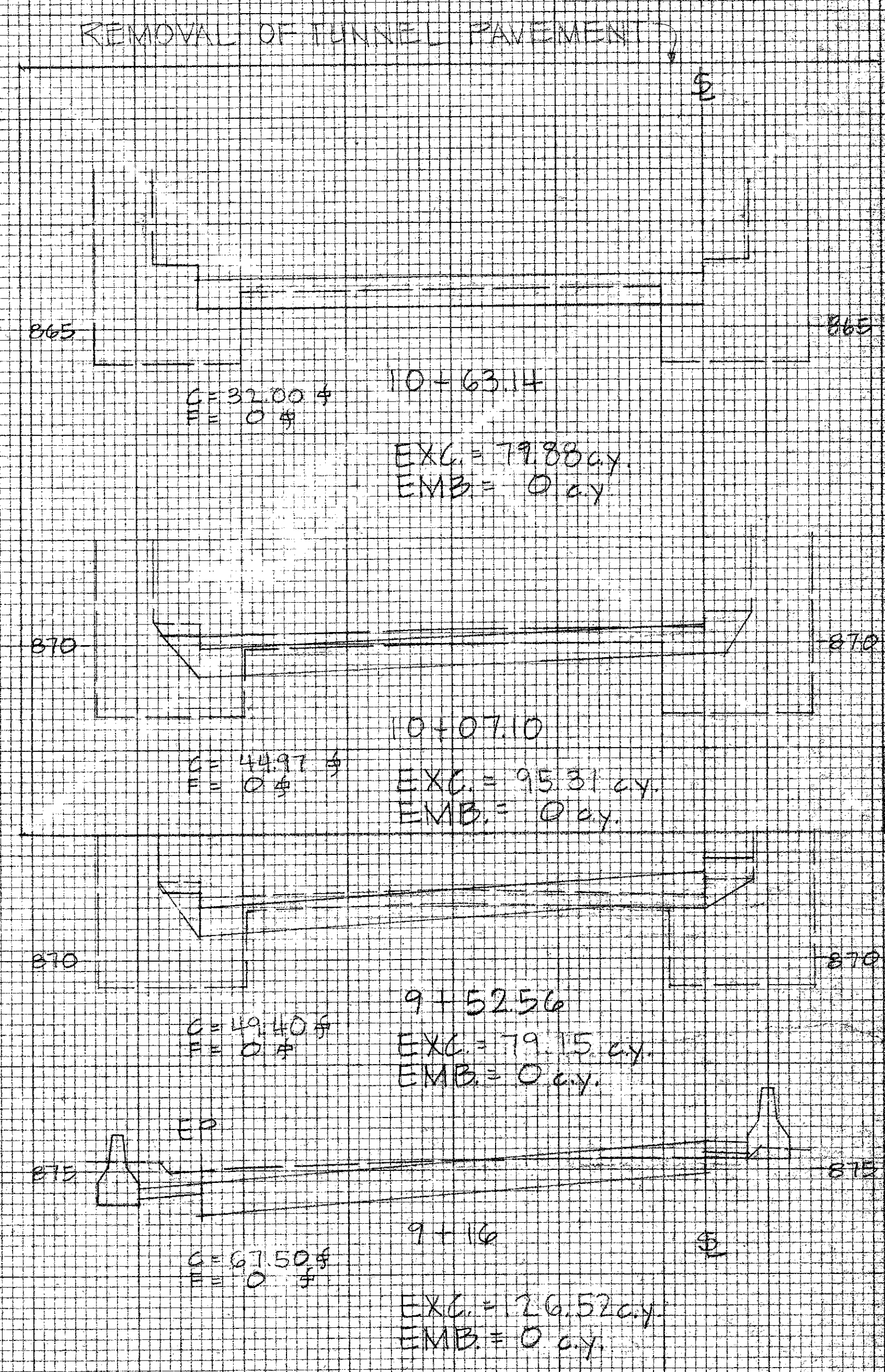
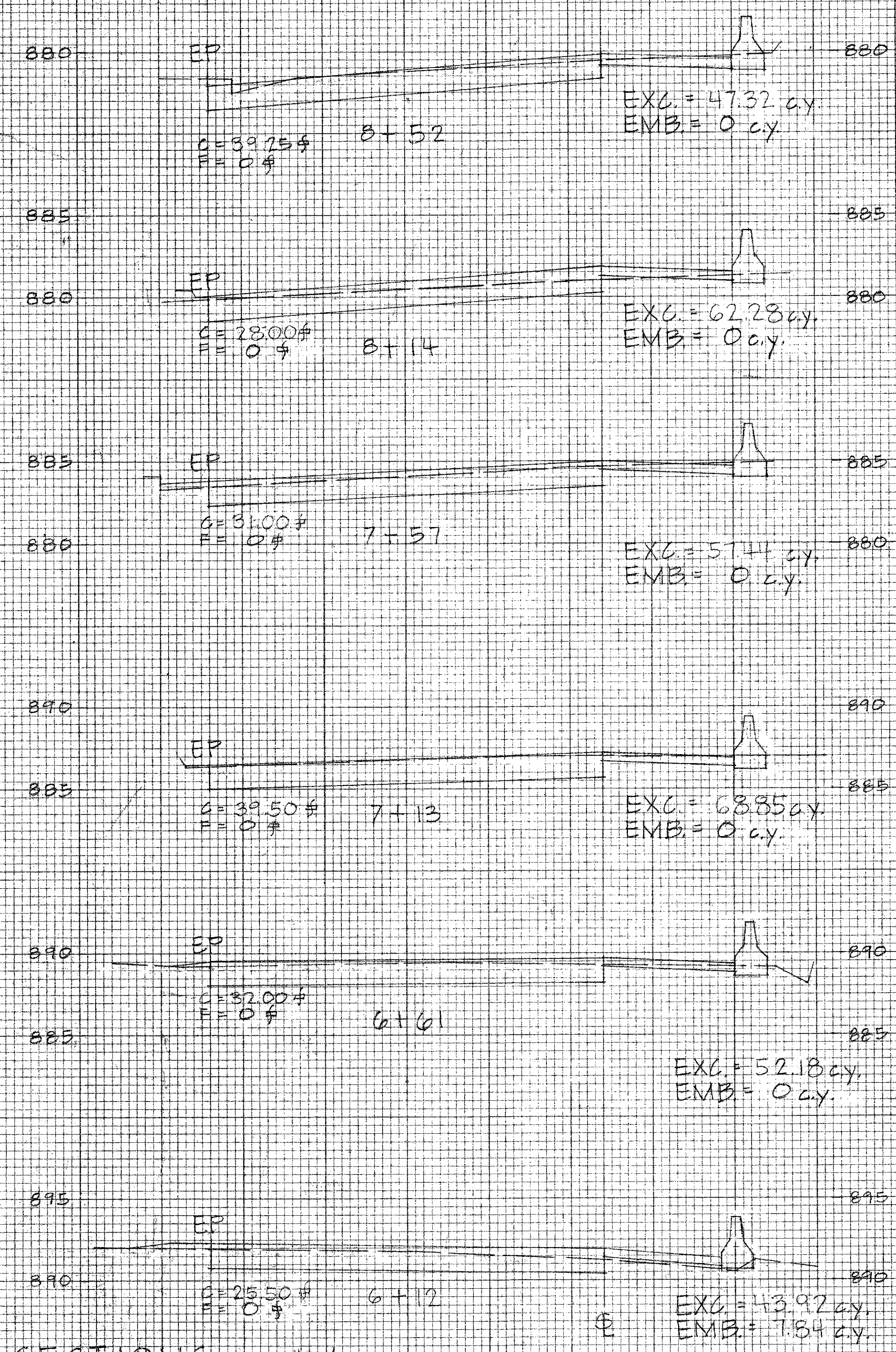
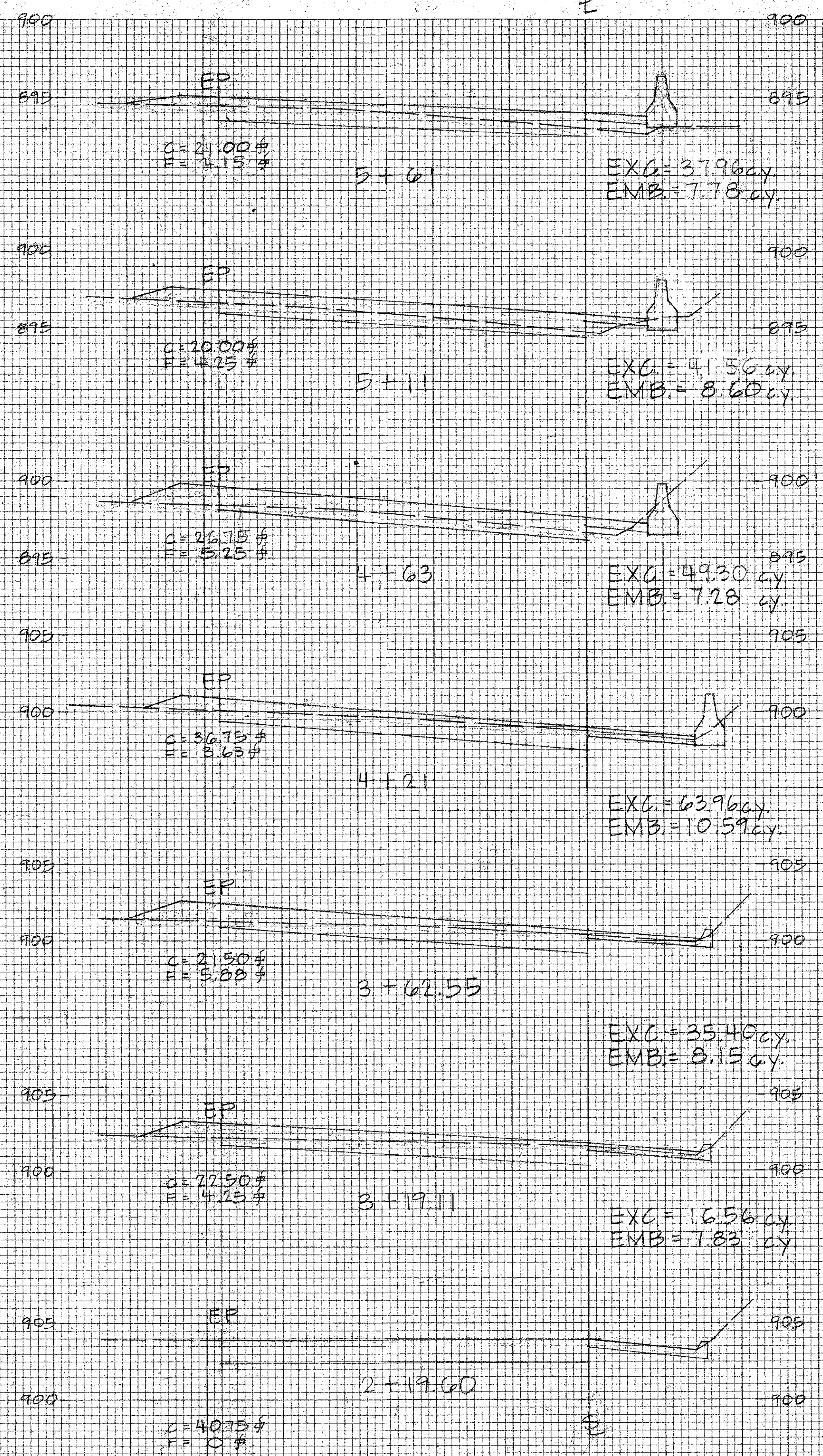


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW   | HES-063-1(12)      | 1980        | 41        | 44           |

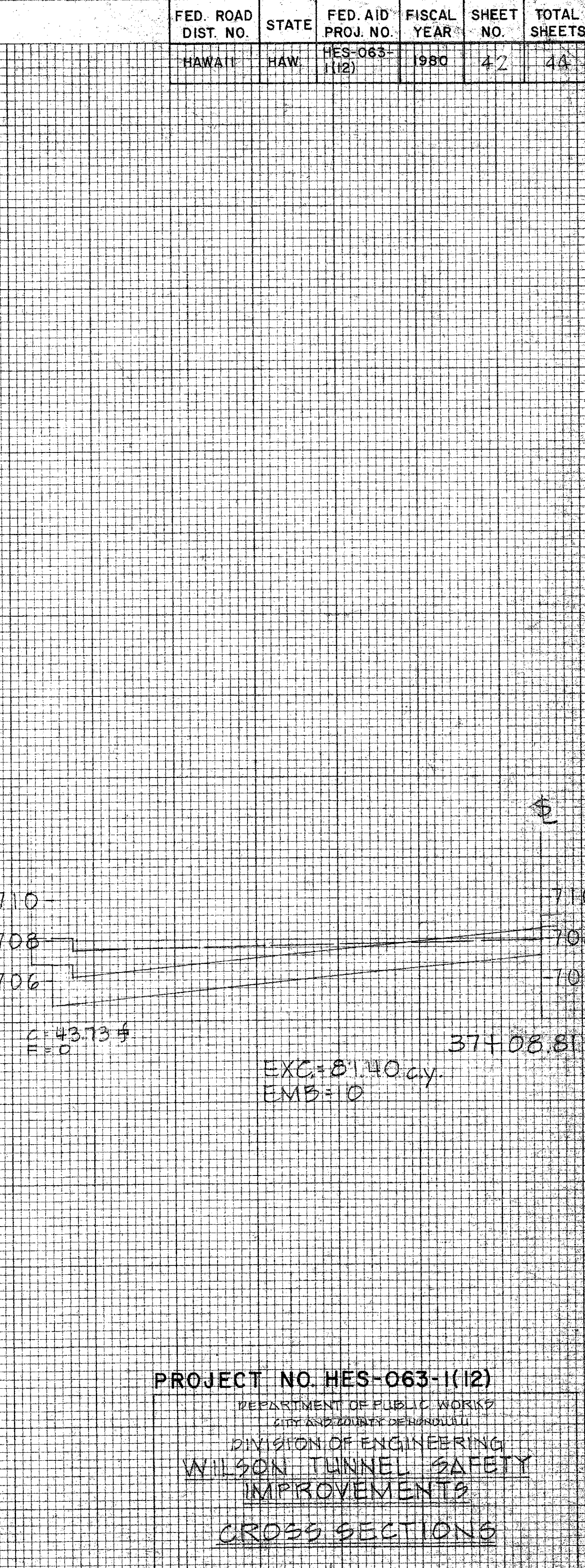
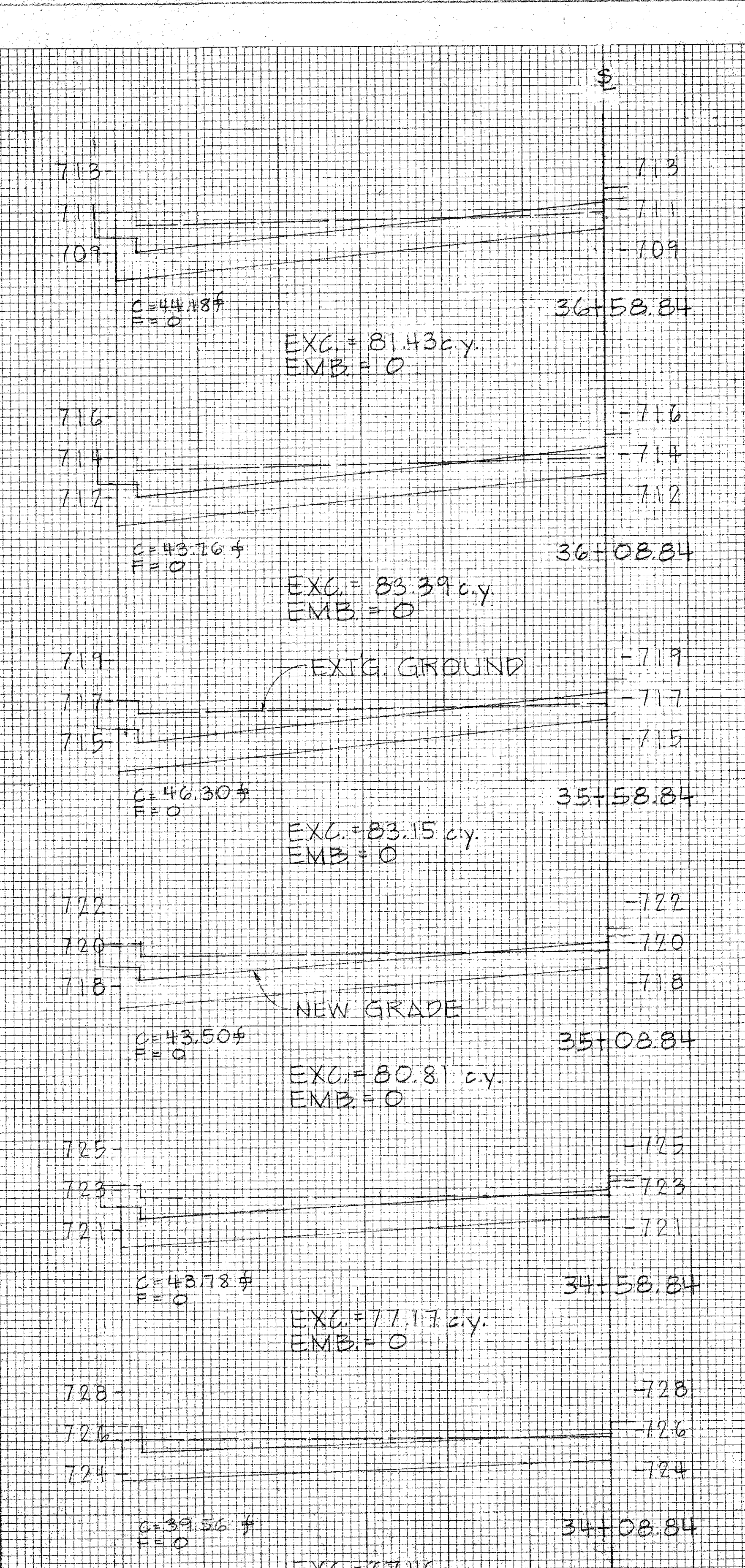
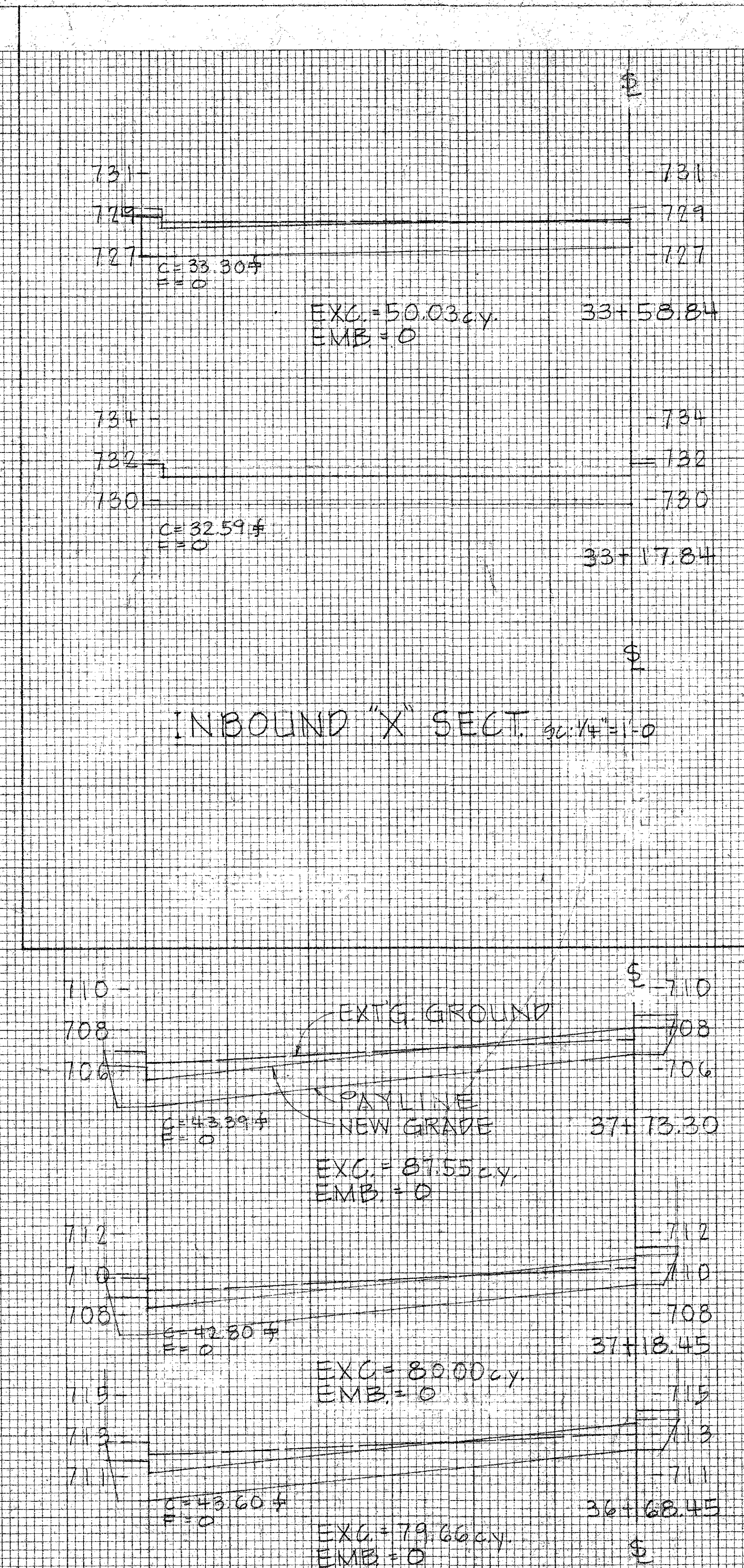
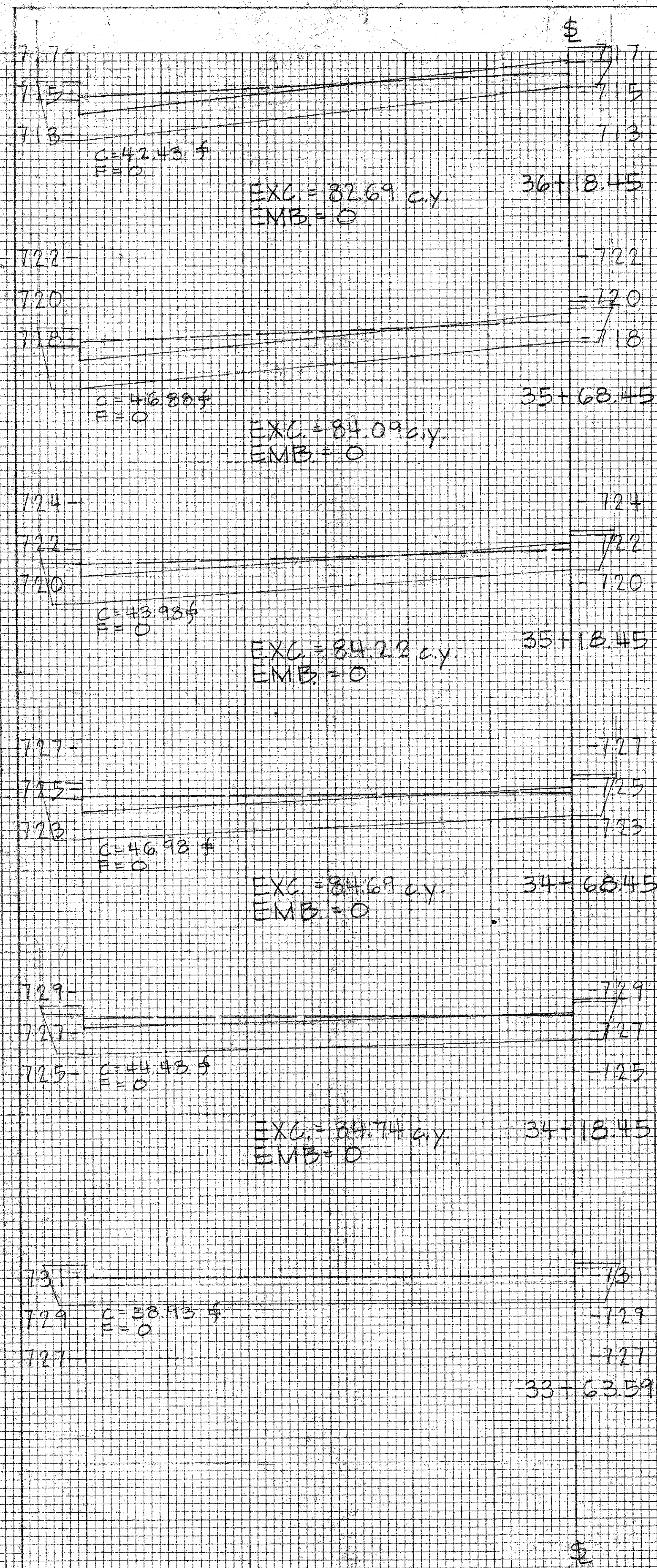


CROSS SECTIONS 96.1"±5'-0"  
(KALIH PORTAL-OUTBOUND)

PROJECT NO. HES-063-1(12)  
DEPARTMENT OF PUBLIC WORKS  
CITY AND COUNTY OF HONOLULU  
DIVISION OF ENGINEERING  
WILSON TUNNEL SAFETY  
IMPROVEMENTS  
CROSS SECTIONS

ENGINEER J.W.A. DATE 7/23/80  
DRAFTSMAN A.K. CHECKED BY D.T.  
APPROVED  
CHIEF, DIV. OF ENGINEERING

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HES-063-1(12)      | 1980        | 42        | 44           |

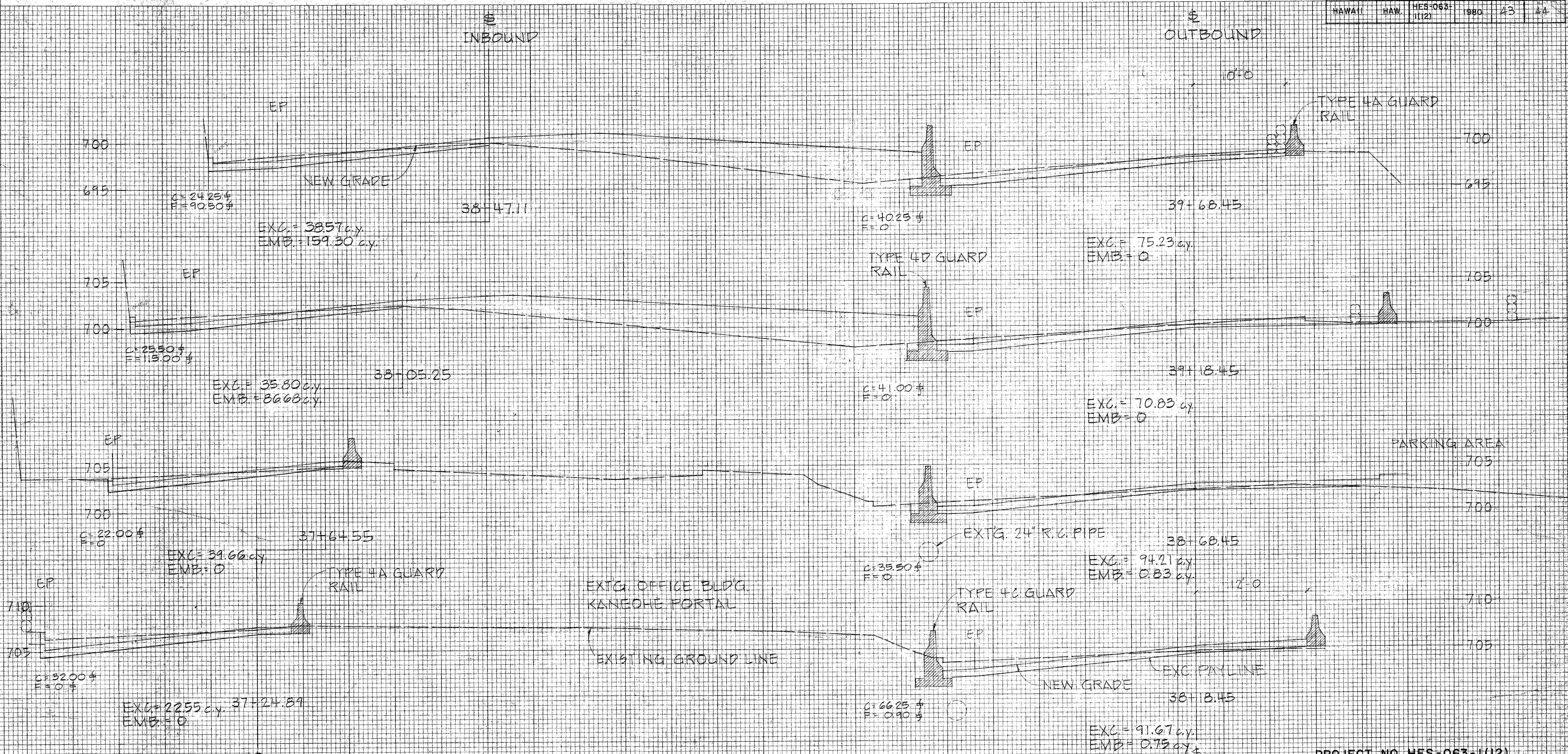


INBOUND "X" SECT. 3/4" = 1'-0"

OUTBOUND "X" SECT. 3/4" = 1'-0"

PROJECT NO. HES-063-1(12)  
 DEPARTMENT OF PUBLIC WORKS  
 CITY AND COUNTY OF HONOLULU  
 DIVISION OF ENGINEERING  
 WILSON TUNNEL SAFETY  
 IMPROVEMENTS  
 CROSS SECTIONS  
 ENGINEER: J. W. K. DATE: 9/25/80  
 DRAFTSMAN: A. K. CHECKED BY: J. W. K.  
 APPROVED: J. W. K. 10/1/80  
 CHIEF, DIVISION OF ENGINEERING

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | HES-063-1(12)      | 1980        | 43        | 44           |



CROSS SECTIONS 2611-5-2  
(KANE OHE APPROACH ROAD)

PROJECT NO. HES-063-1(12)

DEPARTMENT OF PUBLIC WORKS  
DIVISION OF ENGINEERING

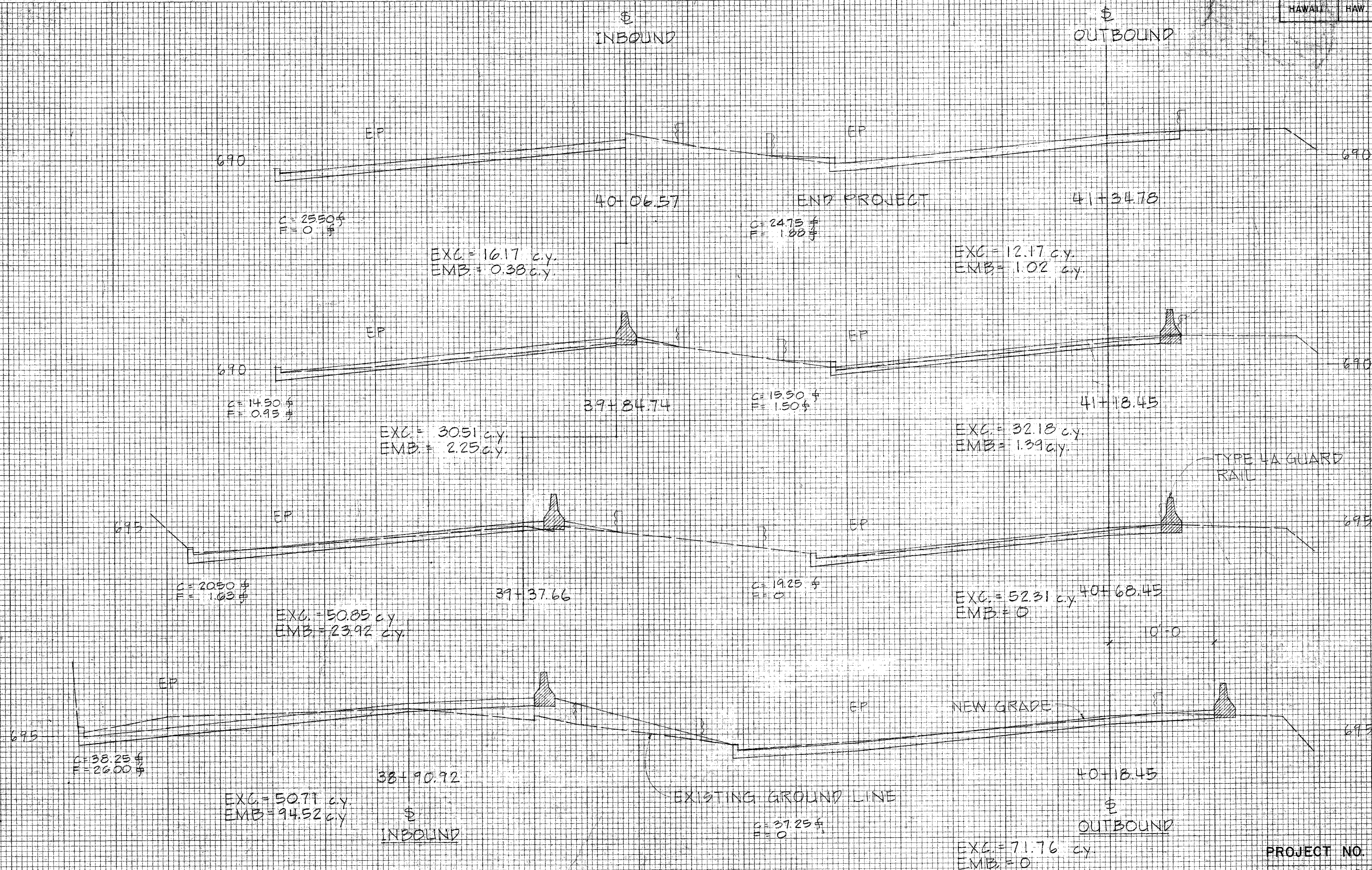
WILSON TUNNEL SAFETY IMPROVEMENTS

CROSS SECTIONS

ENGINEER: J.W. [Signature] DATE: 7/25/80  
DRAFTSMAN: A.R. CHECKED BY: B.T.  
APPROVED: [Signature]  
[Signature], CHIEF, DIVISION OF ENGINEERING

JOB NO. 28-80

| FILE | POCKET | FOLDER | NO. |
|------|--------|--------|-----|
| 9    | 3      | 2      | 43  |



CROSS SECTIONS 36" x 5'-0"  
(KANEHOE APPROACH ROAD)

EARTHWORK SUMMARY  
ROADWAY TUNNEL

|          | EXC        | EMB       | EXC        | EMB     |
|----------|------------|-----------|------------|---------|
| INBOUND  | 262.27 cy  | 367.05 cy | 627.39 cy  | 0.00 cy |
| OUTBOUND | 1382.76 cy | 62.06 cy  | 842.83 cy  | 0.00 cy |
| TOTALS   | 1645.03 cy | 429.11 cy | 1470.22 cy | 0.00 cy |

PROJECT NO. HES-063-1(12)

DEPARTMENT OF PUBLIC WORKS  
DIVISION OF ENGINEERING  
WILSON TUNNEL SAFETY  
IMPROVEMENTS

CROSS SECTIONS

ENGINEER J.W. DATE 7/25/80  
DRAFTSMAN A.K. CHECKED BY D.L.  
APPROVED: [Signature] 7/25/80  
CHIEF, DIVISION OF ENGINEERING