

Revised: April 30, 1945

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | DA-NR142           | 1944        | 4         | 81           |

| Construct Easy Riding Approaches |           |           |           |           |  |
|----------------------------------|-----------|-----------|-----------|-----------|--|
| Sta.                             | S.Y. P.V. | C.Y. Base | C.Y. Exc. | C.Y. Emb. |  |
| 5+80                             | 250       | 50        |           |           |  |
| 6+20                             | 300       | 50        |           | 100       |  |
| 11+03                            | 110       | 20        |           |           |  |

Note: Grade for or construct suitable driveways as shown.

### GENERAL NOTES:

- (1) All existing structures which are not to remain as part of the improvement and which will be above or less than two (2) feet below the new ground surfaces shall be removed as part of "Clearing and Grubbing".
- (2) Both ends of all existing pipe, abandoned in place, shall be completely blocked with stone and earth.
- (3) Existing structures specifically noted on plans shall be removed and salvaged.
- (4) All army and Navy utility manholes shall be adjusted to grade by the contractor. All Territorial or City and County utilities including manholes shall be relocated and adjusted to grade by the contractor as required. Private utilities will be adjusted by others.
- (5) Driveways shall be reconstructed to property line or first rail, of same general type now exists. Extend into properties when necessary - Use Surface Treatment except at Main Entrances and Approaches.
- (6) Warning and Regulating Signs to be constructed are shown thus  $\perp$  with type indicated.

25

20

15

10

5

0

25

20

15

10

5

0

(Sta. 0+00 to Sta. 11+00+)

Note: Ground Line and Quantities have changed since Survey for this Plan was made.

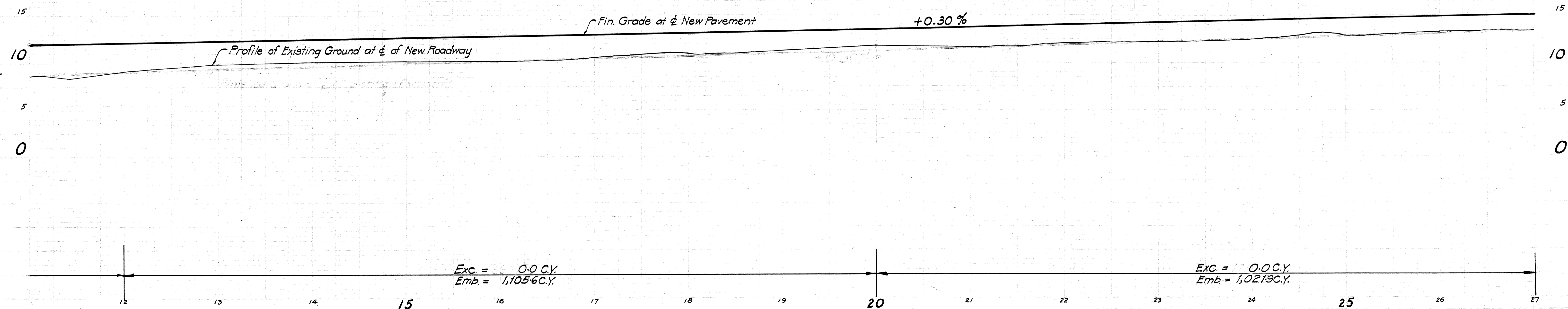
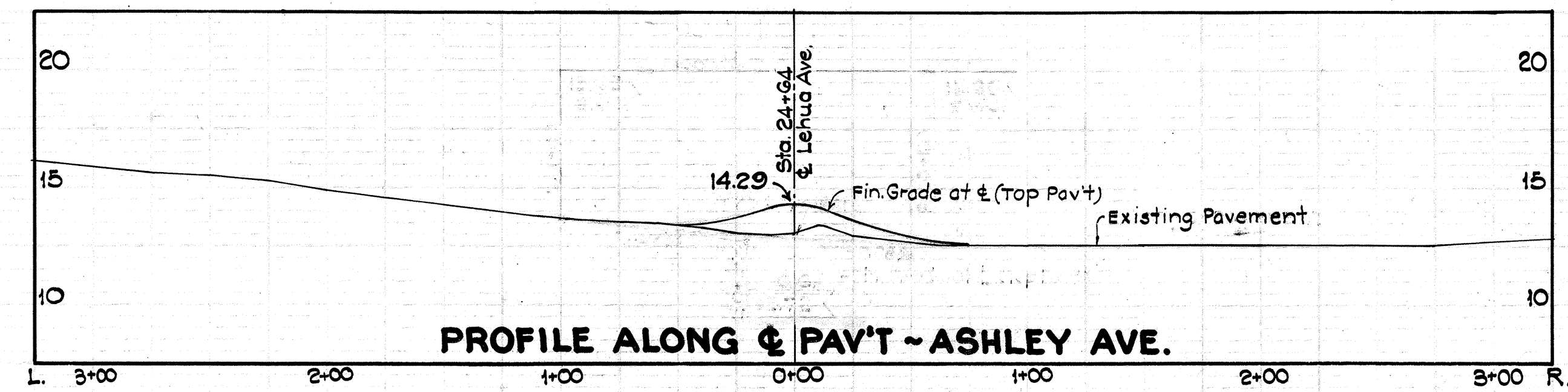
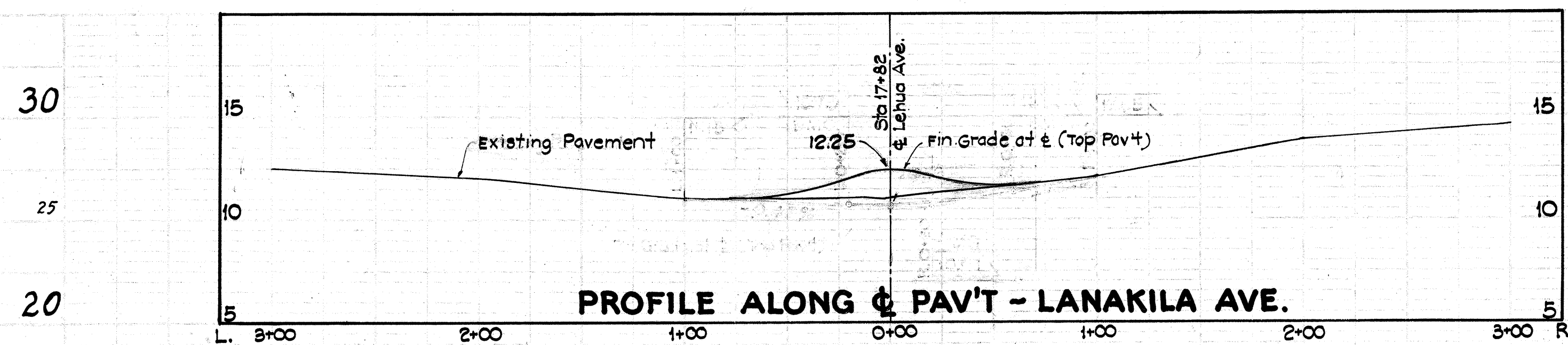
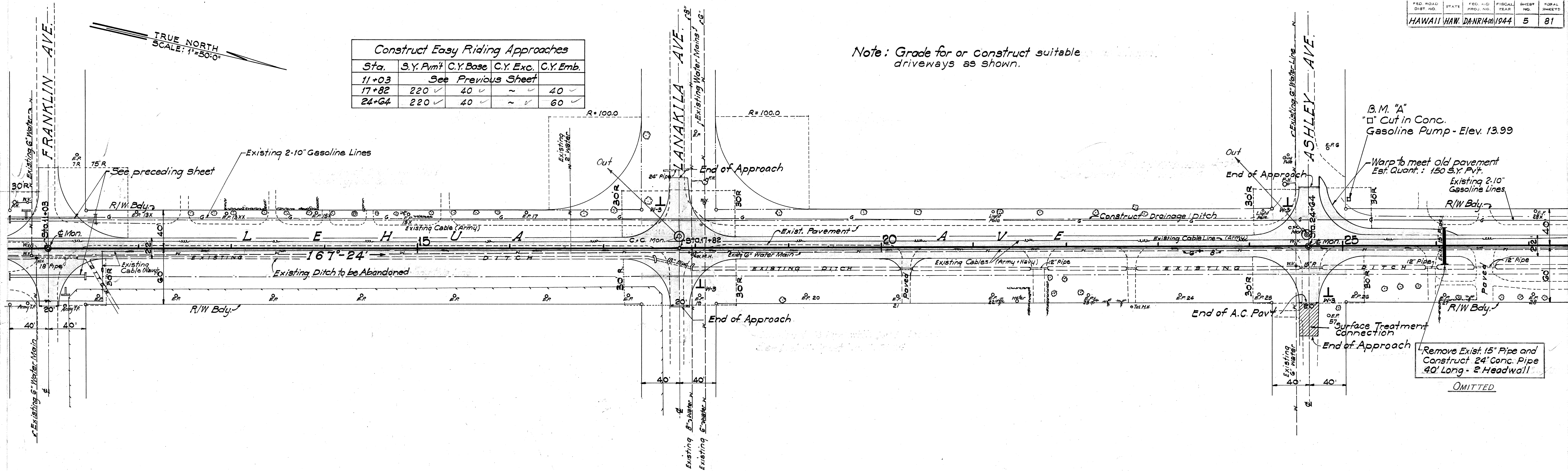
Exc. = 0.0 C.Y.  
Emb. = 1,772.2

Exc. = 0.0 C.Y.  
Emb. = 865.6 C.Y.

5151.4

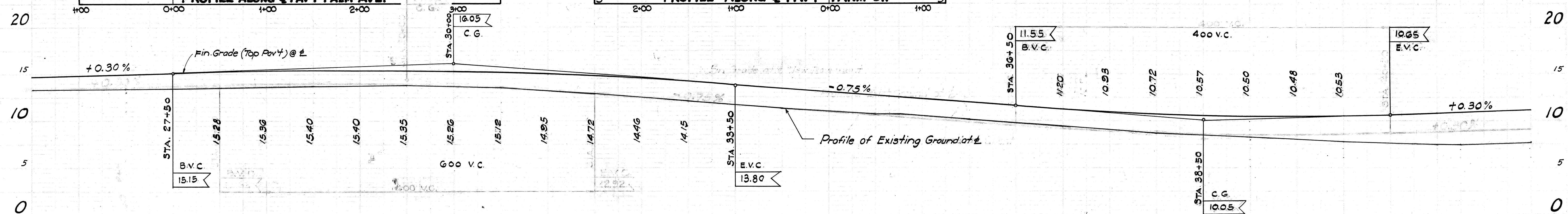
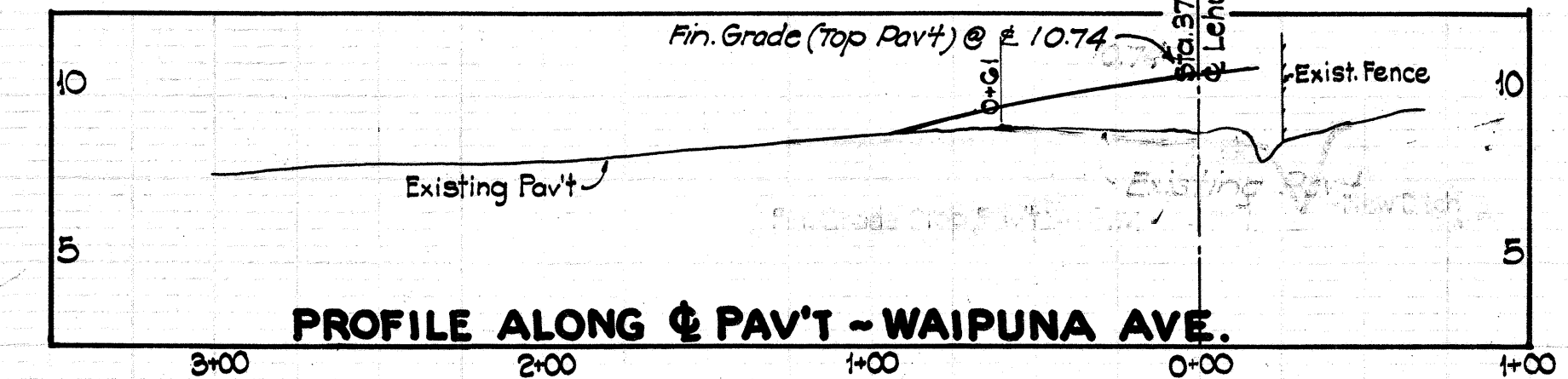
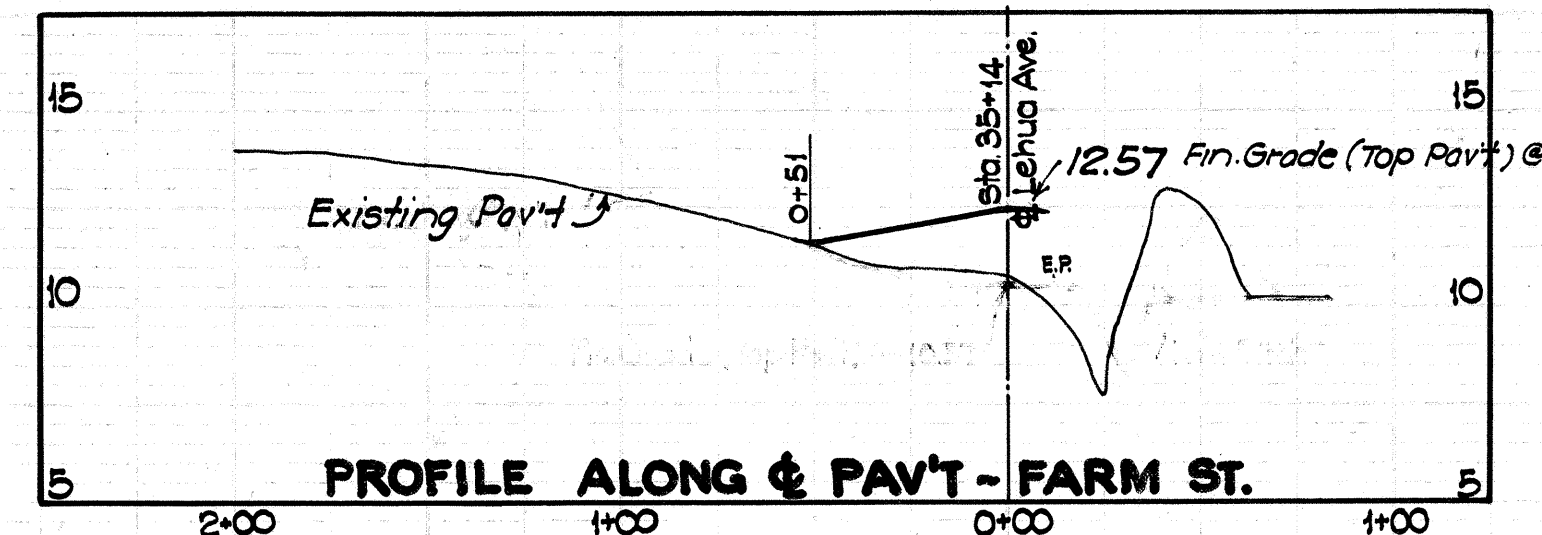
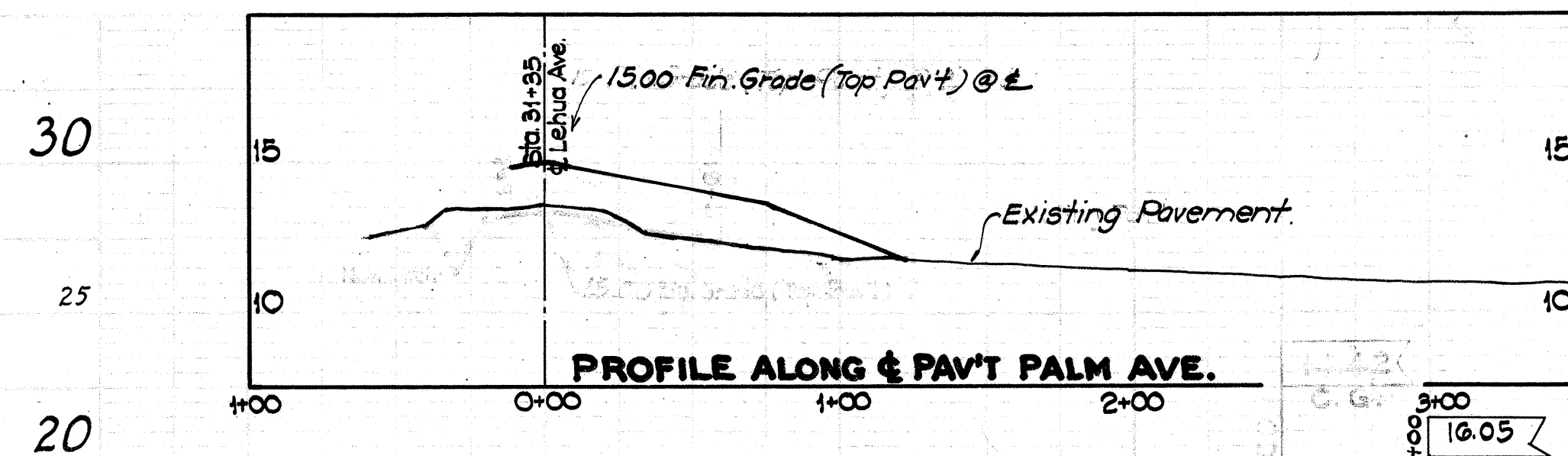
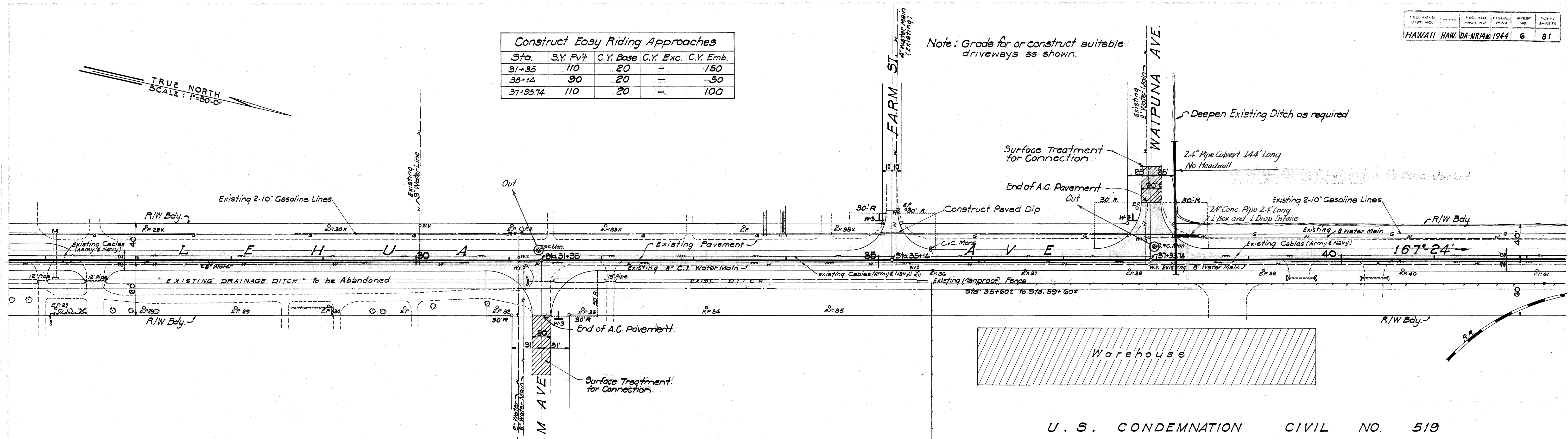
| Construct Easy Riding Approaches |                    |           |           |           |
|----------------------------------|--------------------|-----------|-----------|-----------|
| Sta.                             | S.Y. Pmt           | C.Y. Base | C.Y. Exc. | C.Y. Emb. |
| 11+03                            | See Previous Sheet |           |           |           |
| 17+82                            | 220 ✓              | 40 ✓      | ~ ✓       | 40 ✓      |
| 24+64                            | 220 ✓              | 40 ✓      | ~ ✓       | 60 ✓      |

Note: Grade for or construct suitable driveways as shown.



| Sta.     | S.Y. Pavt. | C.Y. Base | C.Y. Exc. | C.Y. Emb. |
|----------|------------|-----------|-----------|-----------|
| 31+35    | 110        | 20        | -         | 150       |
| 35+14    | 90         | 20        | -         | 50        |
| 37+93.74 | 110        | 20        | -         | 100       |

Note: Grade for or construct suitable driveways as shown.



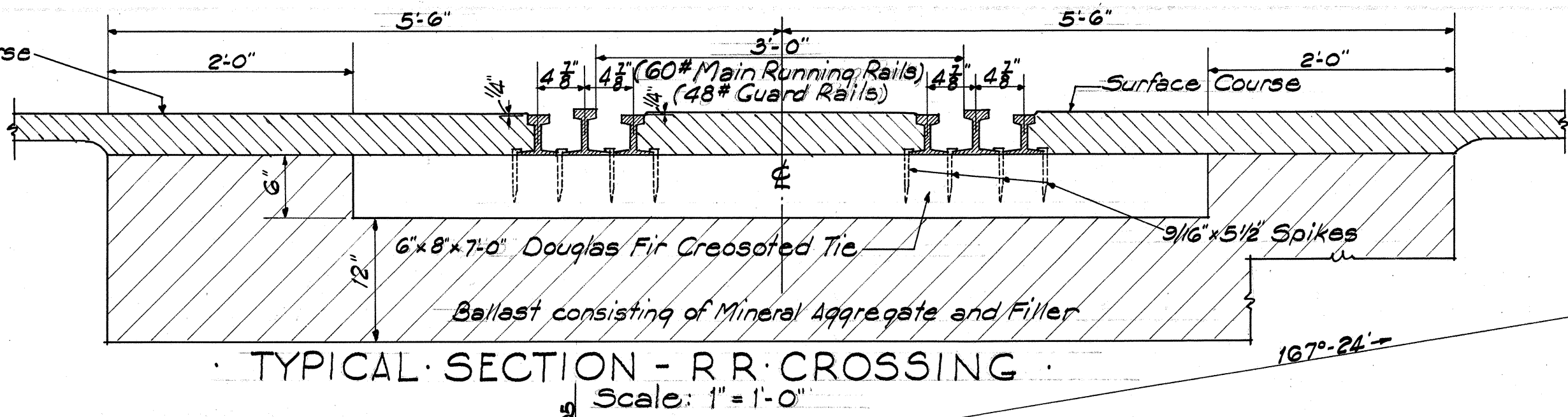
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Emb. = 2,065.6 C.Y.

Exc. = 0.00 C.Y.  
Emb. = 1,826.2 C.Y.

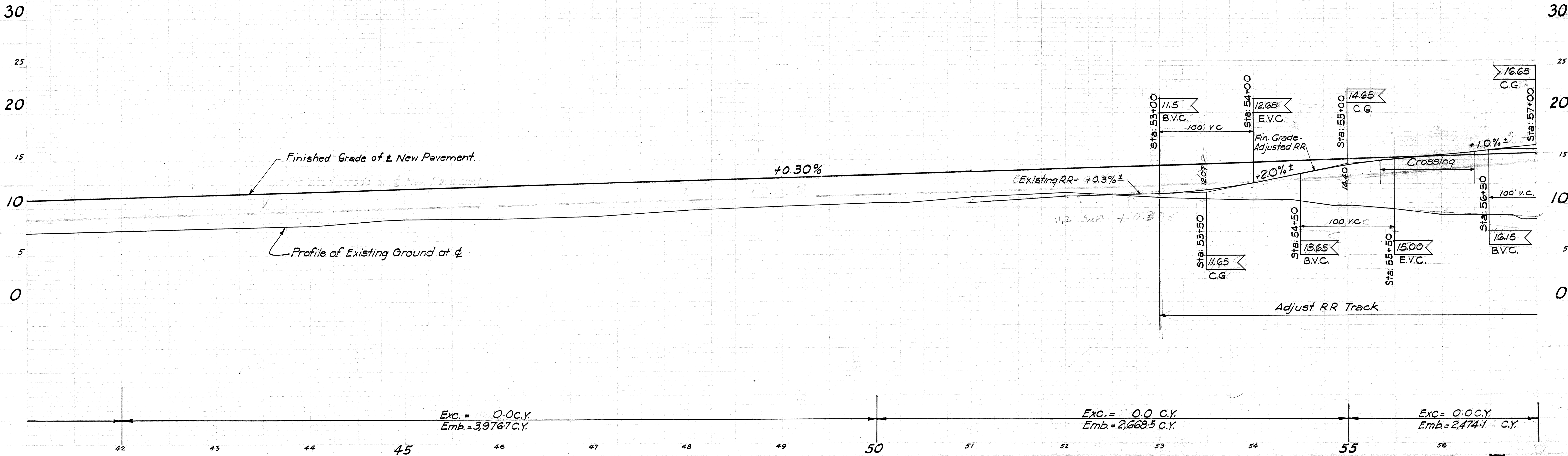
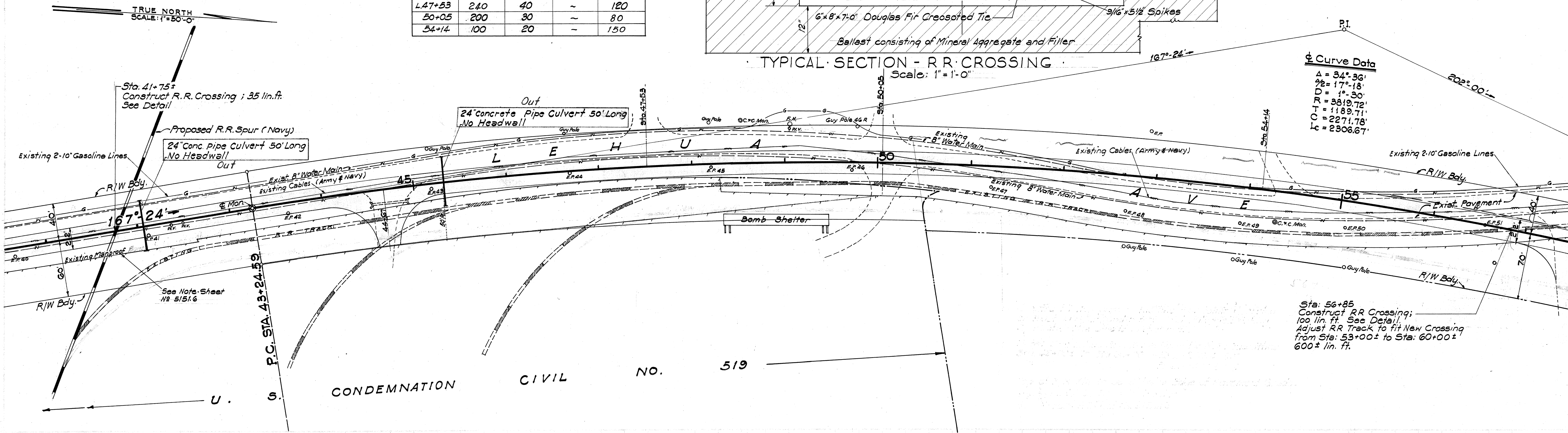
5151.6

Revised: April 30, 1945

| Construct Easy Riding Approaches |           |           |           |           |
|----------------------------------|-----------|-----------|-----------|-----------|
| Sta.                             | S.Y. P.V. | C.Y. Base | C.Y. Exc. | C.Y. Emb. |
| R.44+67                          | 240       | 40        | -         | 120       |
| L.47+53                          | 240       | 40        | -         | 120       |
| 50+05                            | 200       | 30        | -         | 80        |
| 54+14                            | 100       | 20        | -         | 150       |



Curve Data  
 $\Delta = 34^\circ 36'$   
 $\Delta/2 = 17^\circ 18'$   
 $D = 1^\circ 30'$   
 $R = 3819.72'$   
 $T = 1189.71'$   
 $C = 2271.78'$   
 $L_c = 2306.67'$



Exc. = 0.0 C.Y.  
 Emb. = 3,976.7 C.Y.

Exc. = 0.0 C.Y.  
 Emb. = 2,668.5 C.Y.

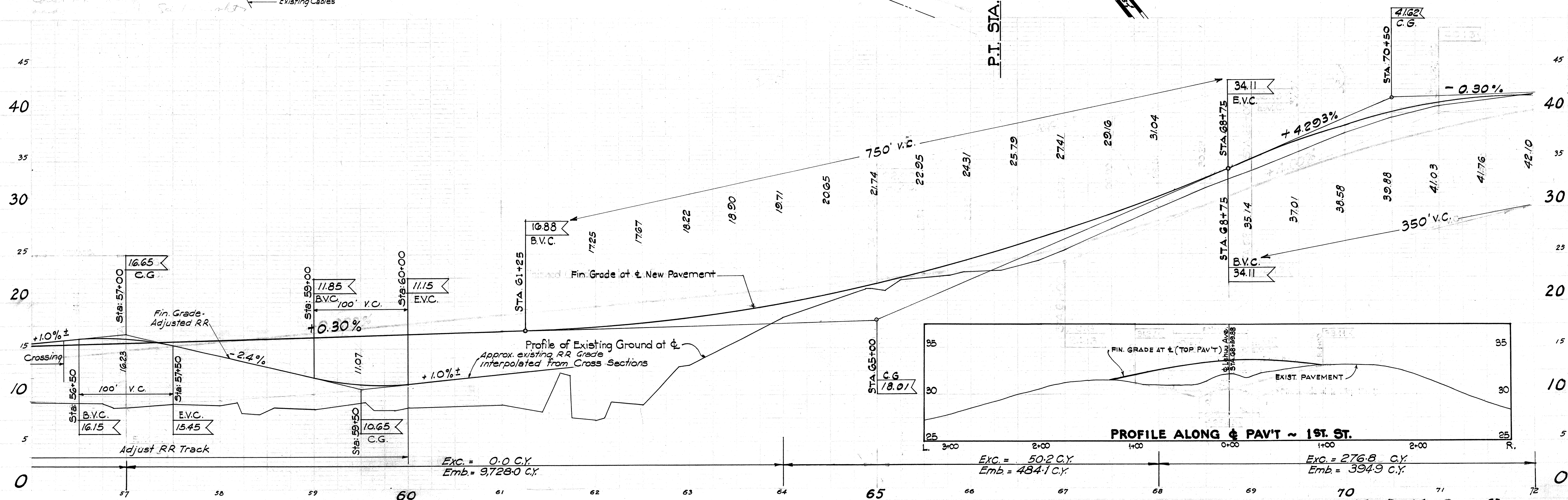
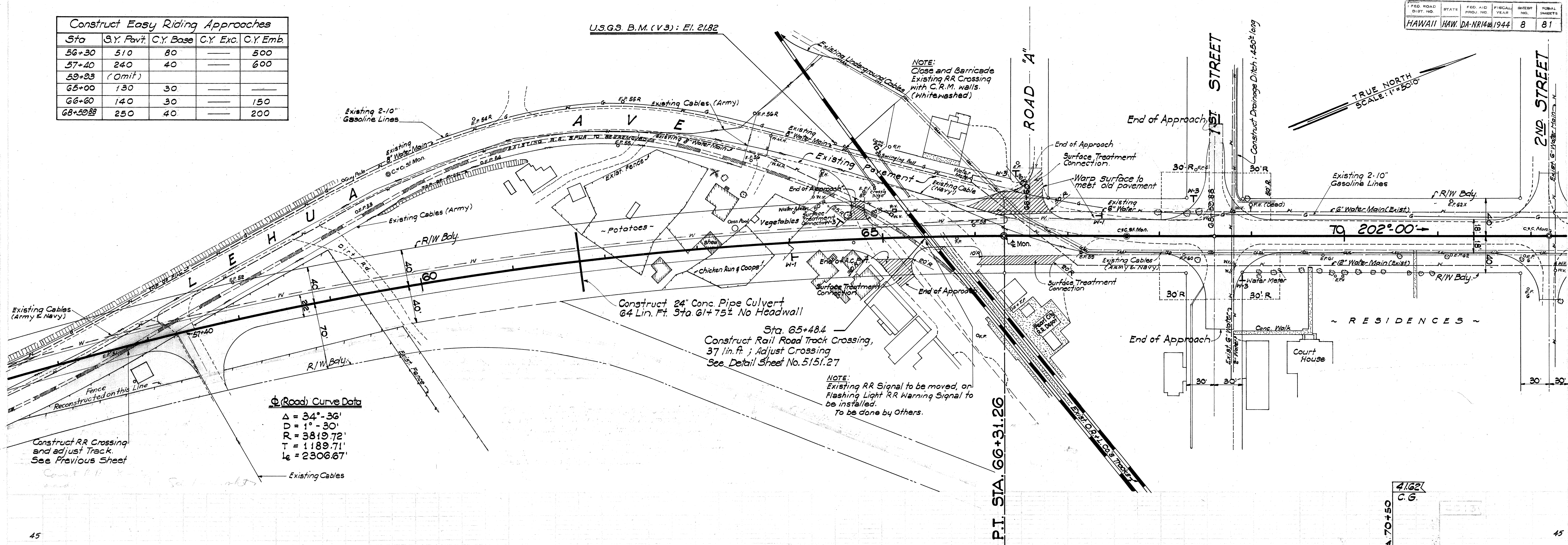
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5151.7

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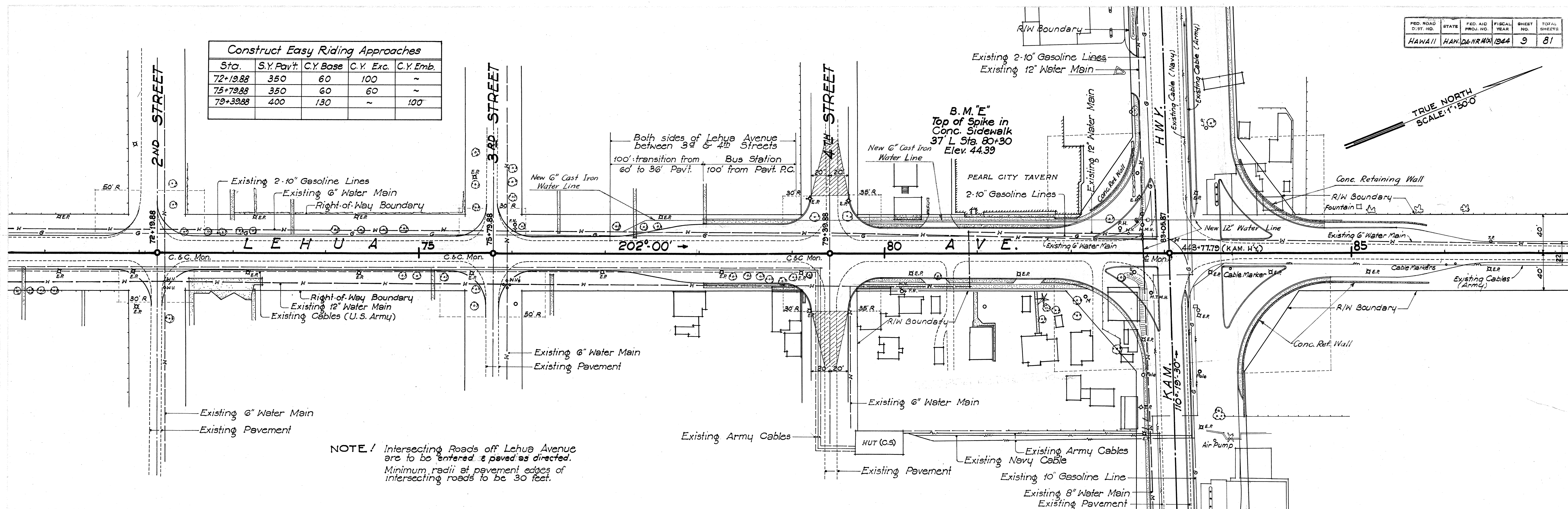
| <i>Construct Easy Riding Approaches</i> |                   |                  |                  |                  |
|-----------------------------------------|-------------------|------------------|------------------|------------------|
| <i>Sta</i>                              | <i>B.Y. Pavt.</i> | <i>C.Y. Base</i> | <i>C.Y. Exc.</i> | <i>C.Y. Emb.</i> |
| <i>56+30</i>                            | <i>510</i>        | <i>80</i>        | <i>—</i>         | <i>500</i>       |
| <i>57+40</i>                            | <i>240</i>        | <i>40</i>        | <i>—</i>         | <i>600</i>       |
| <i>59+23</i>                            | <i>(Omit)</i>     |                  |                  |                  |
| <i>65+00</i>                            | <i>130</i>        | <i>30</i>        | <i>—</i>         | <i>—</i>         |
| <i>66+00</i>                            | <i>140</i>        | <i>30</i>        | <i>—</i>         | <i>150</i>       |
| <i>68+50<del>28</del></i>               | <i>250</i>        | <i>40</i>        | <i>—</i>         | <i>200</i>       |

| FED. ROAD<br>DIST. NO. | STATE | FED. AID<br>PROJ. NO. | FISCAL<br>YEAR | INVEST<br>NO. | FORMA<br>SHEET |
|------------------------|-------|-----------------------|----------------|---------------|----------------|
| HAWAII                 | HAW.  | DA-NR142              | 1944           | 8             | 81             |

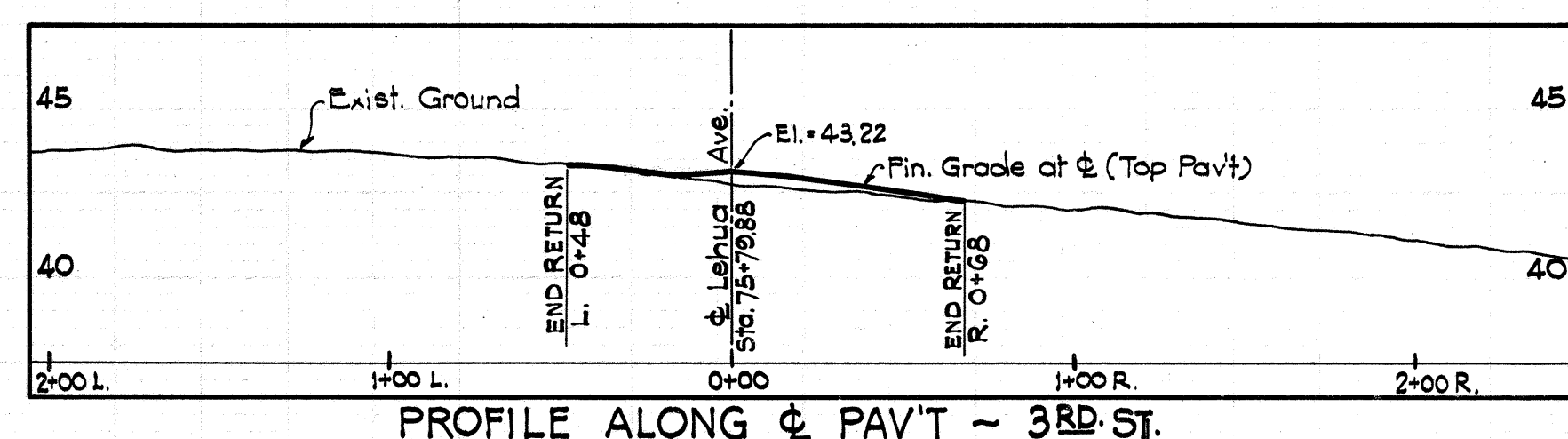
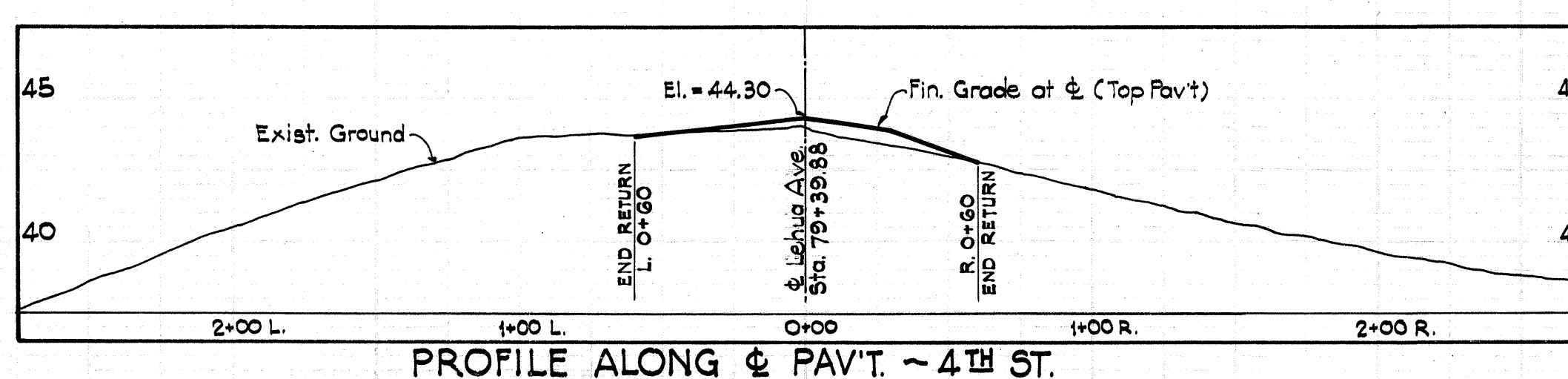
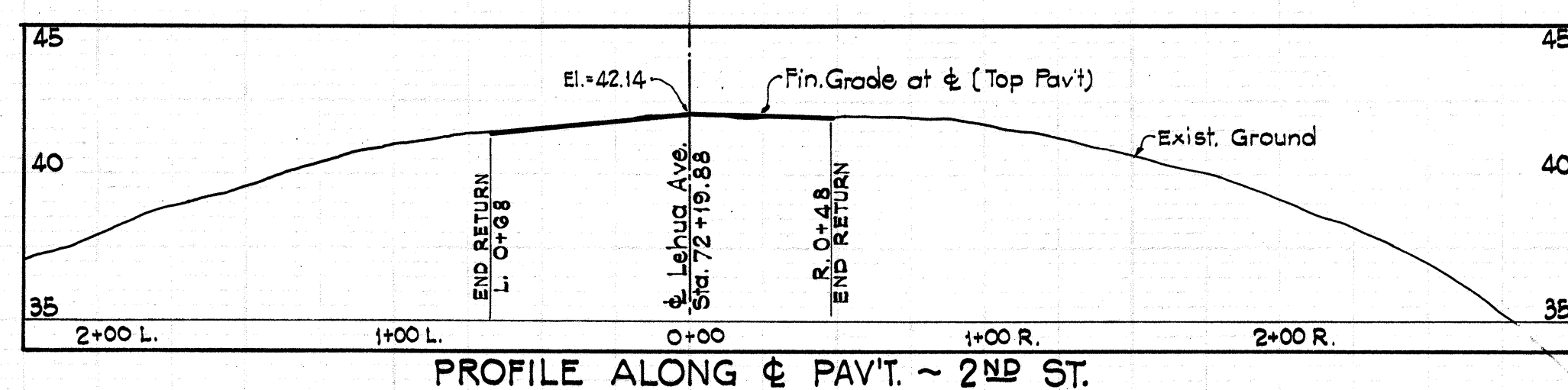


**5151.S**

| Construct Easy Riding Approaches |             |           |           |           |
|----------------------------------|-------------|-----------|-----------|-----------|
| Sta.                             | S.Y. Pav't. | C.Y. Base | C.Y. Exc. | C.Y. Emb. |
| 72+19.88                         | 350         | 60        | 100       | ~         |
| 75+79.88                         | 350         | 60        | 60        | ~         |
| 79+39.88                         | 400         | 130       | ~         | 100       |



NOTE: Intersecting Roads off Lehua Avenue are to be entered & paved as directed. Minimum radii at pavement edges of intersecting roads to be 30 feet.



Exc. = 568.4 C.Y.  
Emb. = 79.0 C.Y.

Exc. = 671.8 C.Y.  
Emb. = 215.7 C.Y.

Exc. = 755.8 C.Y.  
Emb. = 142.6 C.Y.

Exc. = 3,668.4 C.Y.  
Emb. = 0 C.Y.

5151.9