

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS

I.C.H. 21 - SEC. H  
LUCAS COUNTY

DIVISION OF HIGHWAYS  
**TOLEDO-ANGOLA ROAD**  
I.C.H. NO. 21 SEC. H PET. NO. 5380  
**LUCAS COUNTY**  
SYLVANIA TWP. NOV. 7, 1927.

The Standard Specifications of the State of Ohio, Division of Highways, in force on date of contract will govern this improvement.

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plan and estimates.

**CONVENTIONAL SIGNS**

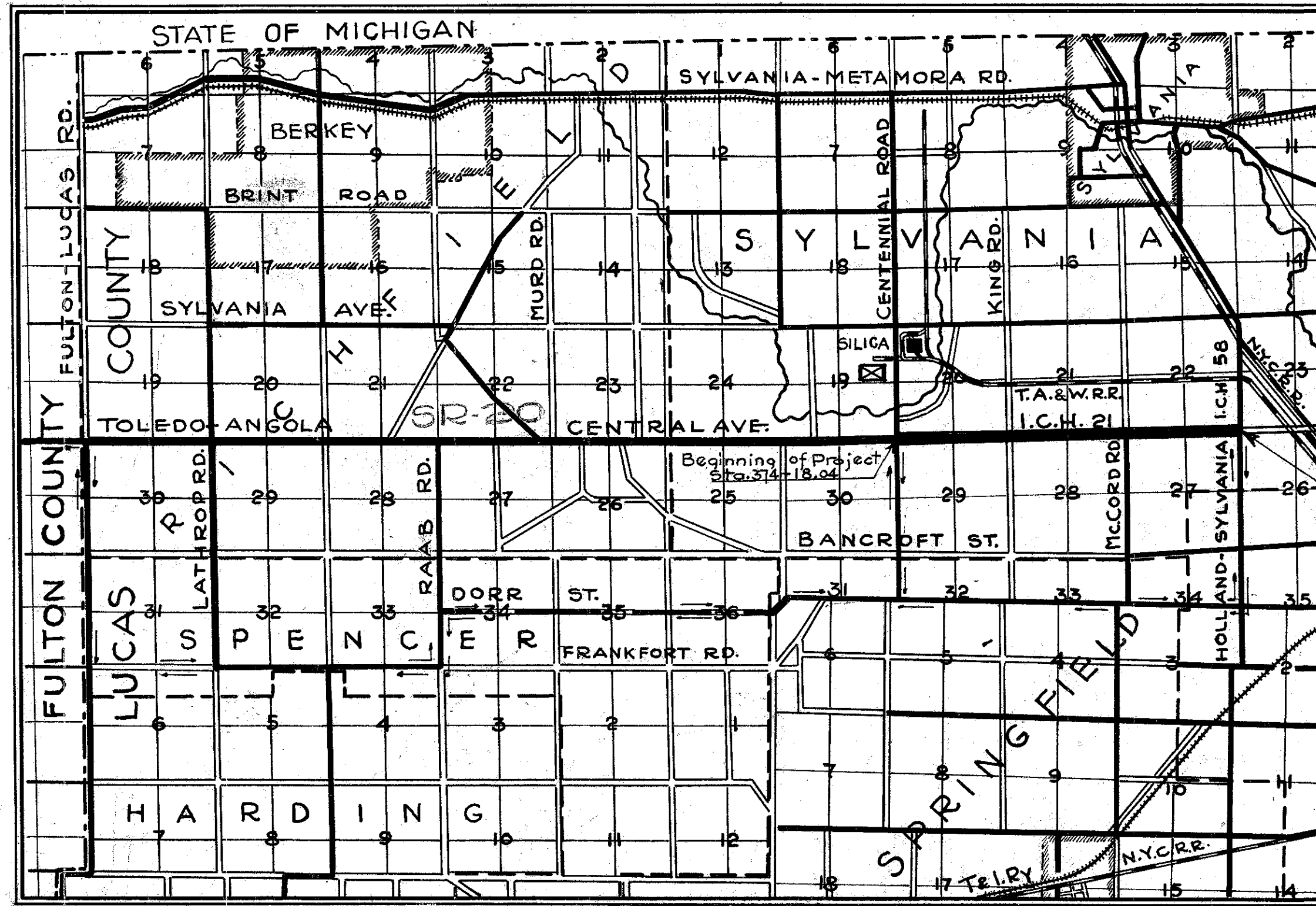
- STATE LINE -----
- COUNTY LINE -----
- TOWNSHIP LINE -----
- SECTION LINE -----
- PROPERTY LINE (Not fenced) -----
- CENTER LINE ○-----○
- CITY OR VILLAGE LINE -----
- FENCE
- TELEPHONE OR TELEGRAPH
- STEAM RAILROAD
- ELECTRIC LINE
- GUARD RAIL
- DRAIN PIPE - NEW. -----
- DRAIN PIPE - OLD. -----

- SILICA CEMENT PLANT.
- SILICA STONE QUARRY.
- SILICA = Delivery point all materials.

We, the Commissioners of Lucas County, hereby approve these plans and certify that the right-of-way 60 feet wide is available for the construction, maintenance and repair of the above highway.

*R. E. Hamersmith*  
*Paul P. Hoffman*  
*Ray E. Davis*

Date Nov. 7<sup>th</sup> 1927. County Commissioners.



LOCATION PLAN  
SCALE OF MILES

PORTION TO BE IMPROVED.   
DETOURS SHOWN THUS.   
IMPROVED ROADS.

**SCALES**

- Plan. 1" = 50'
- Profile (Vertical). 1" = 10'
- Profile (Horizontal). 1" = 50'
- Cross Sections. 1" = 5'

**INDEX OF SHEETS**

- PROJECT TRACINGS
- Title Page. Pg 1
- Typical Cross Section. 2
- Plans & Profile. 3 to 8 inc.
- Cross Sections. 9-13 "
- Structural Plans. 14
- Summary Sheet. 15

**SUPPLEMENTAL PRINTS OF STRUCTURAL STANDARDS.**

- Drawing Number. 100 Mod.
- 130 Mod.
- 300
- 305, 305 Mod.

Approved: *C. L. Sawyer*  
Date, Nov. 7<sup>th</sup> 27. Resident Engineer.

Approved: *M. J. Hurlan*  
Date, 11-30-27. Resident Deputy  
State Highway Commissioner.

Approved: *Paul D. Wright*  
Date, 1-4-28 Chief Engineer  
Bureau of Construction.

Approved: \_\_\_\_\_  
Date, \_\_\_\_\_ Chief Engineer  
Bureau of Maintenance.

Approved: \_\_\_\_\_  
Date, \_\_\_\_\_ Chief Engineer  
Bureau of Bridges.

Approved: *Sam J. Turk*  
Date, 1-9-28 State Highway Engineer.

Approved: *G. F. Ahlenger*  
Date, 1-9-28 Director of Highways and  
Public Works.

Recommended for Approval: \_\_\_\_\_  
Date, \_\_\_\_\_ District Engineer  
Bureau of Public Roads.

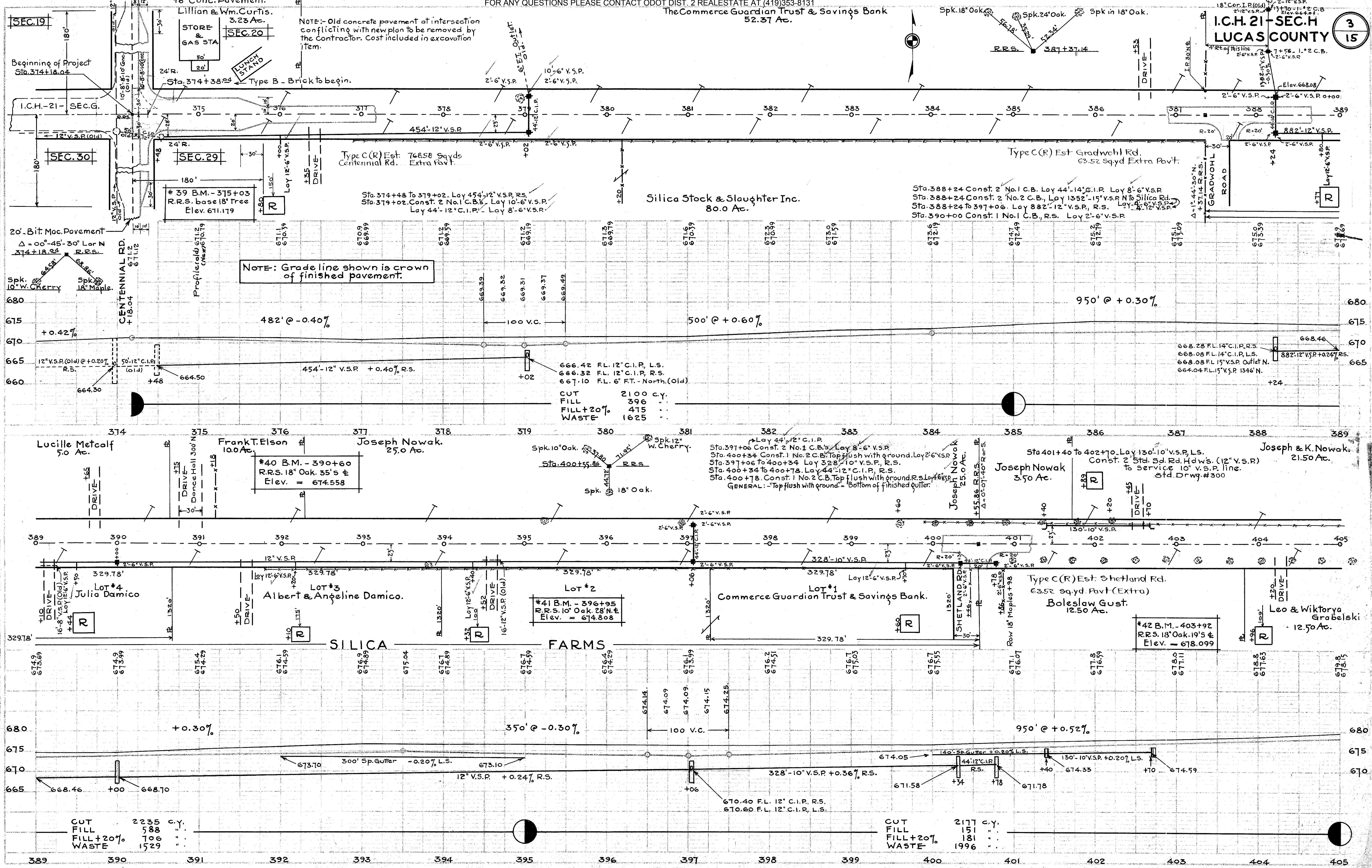
Recommended for Approval: \_\_\_\_\_  
Date, \_\_\_\_\_ Chief Engineer  
Bureau of Public Roads.

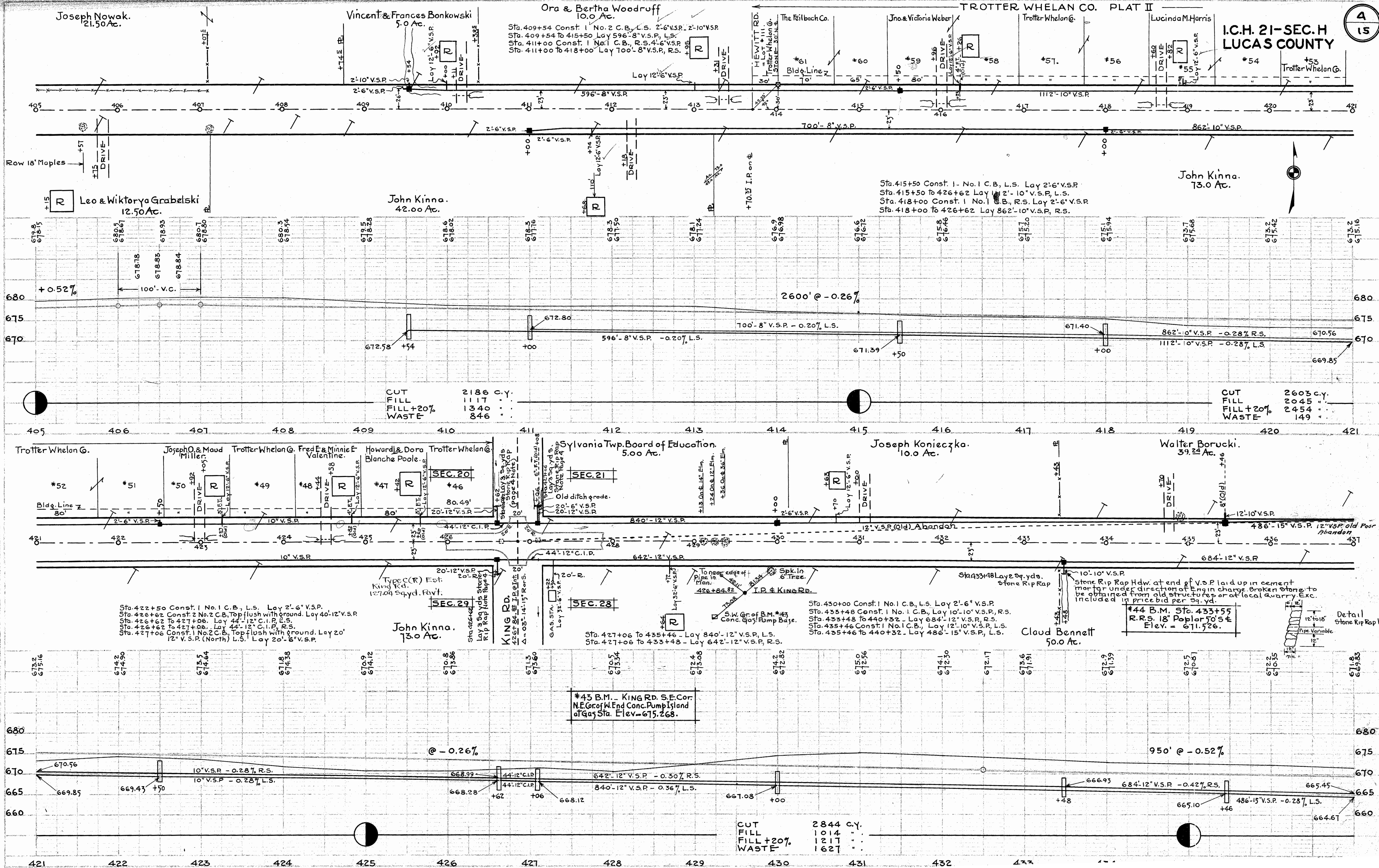
Approved: \_\_\_\_\_  
Date, \_\_\_\_\_ Chief of Bureau.

CONSTRUCTION  
BUREAU  
JUN 29 1928  
GROUND PHOTOLAB

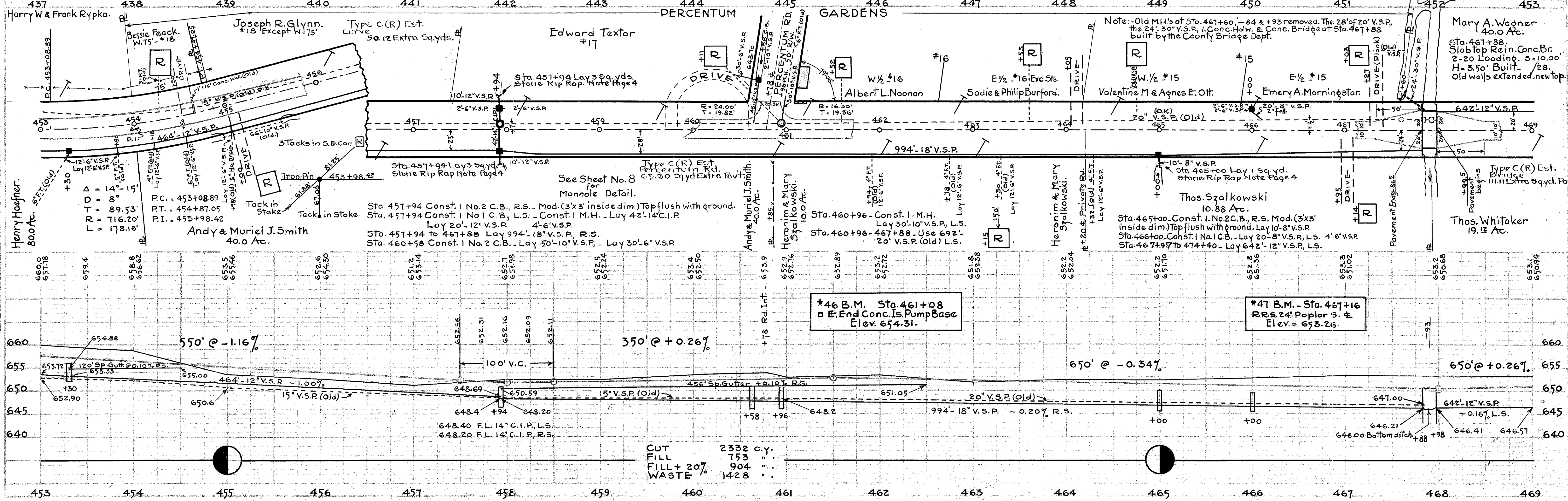
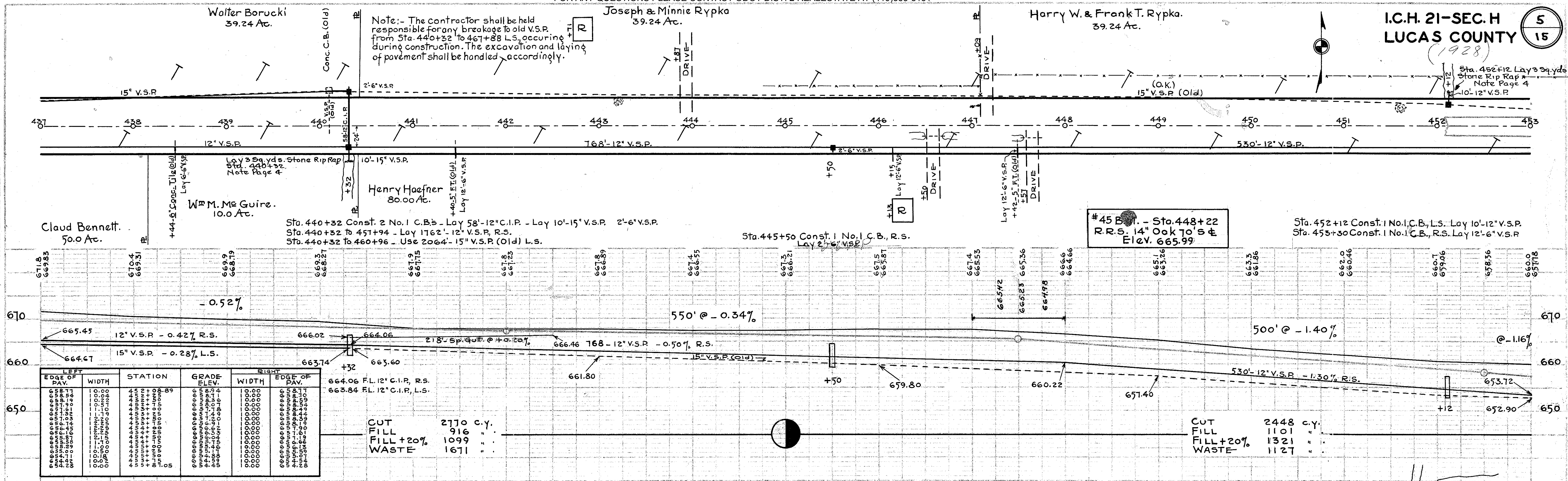
FOR ANY QUESTIONS PLEASE CONTACT ODOT DIST. 2 REALSTATE AT (419)353-8131  
 The Commerce Guardian Trust & Savings Bank  
 52.37 Ac.

I.C.H. 21-SEC.H  
 LUCAS COUNTY  
 3  
 15





Note: - The contractor shall be held responsible for any breakage to old V.S.P. from Sta. 440+32 to 467+88 L.S. occurring during construction. The excavation and laying of pavement shall be handled accordingly.

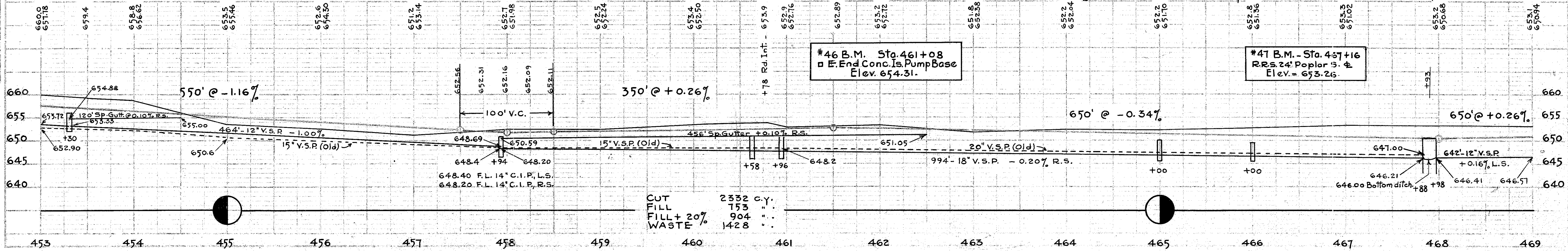
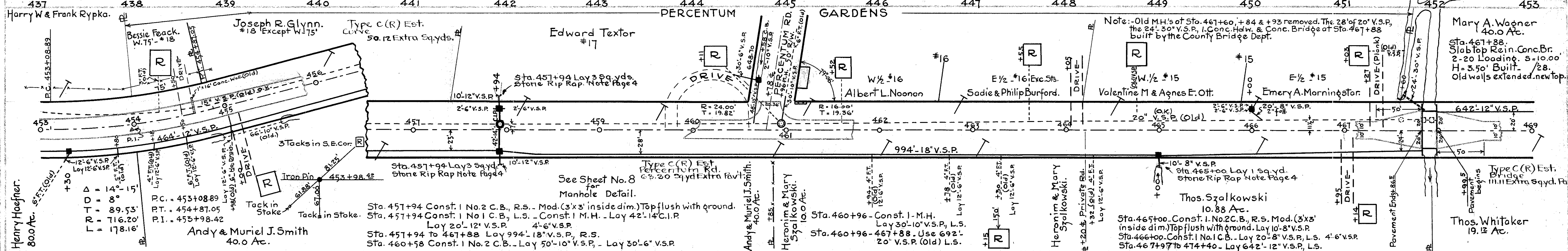


Walter Borucki 39.24 Ac.  
Joseph & Minnie Rypka 39.24 Ac.  
Harry W. & Frank T. Rypka 39.24 Ac.

Henry Haefner 80.00 Ac.  
Andy & Muriel J. Smith 40.0 Ac.Thos. Szalkowski 10.88 Ac.  
Thos. Whitaker 19.12 Ac.Mary A. Woner 40.0 Ac.Edward Textor #17  
Albert L. Noonan #16  
Sadie & Philip Burford #15  
Valentine M & Agnes E. Ott #15  
Emery A. Morningstar #15

Henry Haefner 80.00 Ac.  
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Edward Textor #17  
Albert L. Noonan #16  
Sadie & Philip Burford #15  
Valentine M & Agnes E. Ott #15  
Emery A. Morningstar #15

| LEFT EDGE OF PAV. | WIDTH | STATION | GRADE ELEV. | WIDTH | RIGHT EDGE OF PAV. |
|-------------------|-------|---------|-------------|-------|--------------------|
| 664.67            | 0.00  | 437     | 664.67      | 0.00  | 664.67             |
| 665.45            | 0.00  | 438     | 665.45      | 0.00  | 665.45             |
| 666.02            | 0.00  | 439     | 666.02      | 0.00  | 666.02             |
| 664.06            | 0.00  | 440     | 664.06      | 0.00  | 664.06             |
| 663.84            | 0.00  | 441     | 663.84      | 0.00  | 663.84             |
| 661.80            | 0.00  | 442     | 661.80      | 0.00  | 661.80             |
| 664.46            | 0.00  | 443     | 664.46      | 0.00  | 664.46             |
| 666.46            | 0.00  | 444     | 666.46      | 0.00  | 666.46             |
| 666.21            | 0.00  | 445     | 666.21      | 0.00  | 666.21             |
| 667.5             | 0.00  | 446     | 667.5       | 0.00  | 667.5              |
| 665.55            | 0.00  | 447     | 665.55      | 0.00  | 665.55             |
| 665.36            | 0.00  | 448     | 665.36      | 0.00  | 665.36             |
| 666.66            | 0.00  | 449     | 666.66      | 0.00  | 666.66             |
| 665.1             | 0.00  | 450     | 665.1       | 0.00  | 665.1              |
| 663.3             | 0.00  | 451     | 663.3       | 0.00  | 663.3              |
| 660.46            | 0.00  | 452     | 660.46      | 0.00  | 660.46             |
| 660.7             | 0.00  | 453     | 660.7       | 0.00  | 660.7              |
| 657.96            | 0.00  | 454     | 657.96      | 0.00  | 657.96             |
| 658.36            | 0.00  | 455     | 658.36      | 0.00  | 658.36             |
| 660.0             | 0.00  | 456     | 660.0       | 0.00  | 660.0              |
| 657.18            | 0.00  | 457     | 657.18      | 0.00  | 657.18             |



Mary A. Wagner  
40.0 Ac.

Martin Skehon.  
Lots 1-7 incl.

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6  
15

Sta. 471+00 Remove top of old stone culvert & fill.

This curve not to be widened or superelevated.

CURVE DATA  
Δ = 9°-27'-40"  
D = 4"  
PI = 118.54  
PT = 1432.39  
PC = 236.53  
PVI = 479+91.75  
PI = 481+10.29

SEC. 21  
STORE  
DRIVE  
GAS PUMP

SEC. 22

ZONE OF HEALTH

Earl C. & Mabel L. Ganswer

Type C(R) Est.  
Zone Rd.  
63.52 sq yds. Extra Pavt.

RAHLA GARDENS 1ST. EXT.

Thos. Whitaker.  
19.12 Ac.

Sta. 473+00 to 479+00 - Lay 600'-6" V.S.P., R.S.  
Sta. 474+40 Const. 1. No. 2 C.B., L.S. Lay 16'-8" V.S.P. Lay 2'-8" V.S.P.  
Sta. 474+40 to 479+00 - Lay 460'-10" V.S.P., L.S.

Sta. 479+00 Const. 2 No. 1 C.B.'s - Lay 44'-12" C.I.P. Lay 4'-6" V.S.P.  
Sta. 479+00 to 480+96 - Lay 196'-12" V.S.P., R.S.  
Sta. 479+00 to 480+20 - Lay 120'-6" V.S.P., L.S.  
Sta. 480+96 to 481+36 - Lay 40'-12" C.I.P., R.S.  
Sta. 481+36 Const. 2 No. 2 C.B.'s Mod (4x4' inside dim)  
Tops flush with ground. Lay 46'-24" C.I.P.  
Sta. 481+36 - Lay 10'-15" V.S.P. - Lay 18'-24" V.S.P., B.S.  
Lay 12'-6" V.S.P.

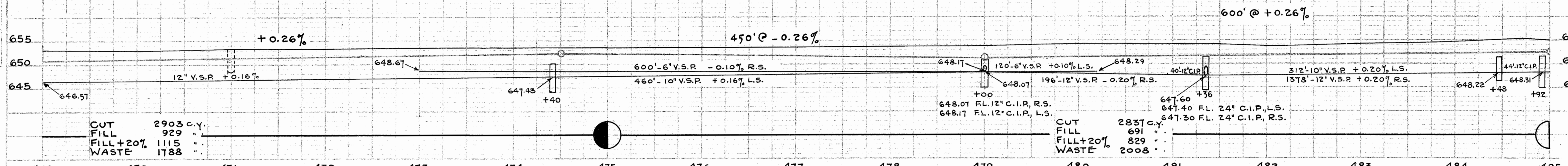
Edna Bond.  
12.63 Ac.

X in Top @ Steel Tank.

SEC. 28

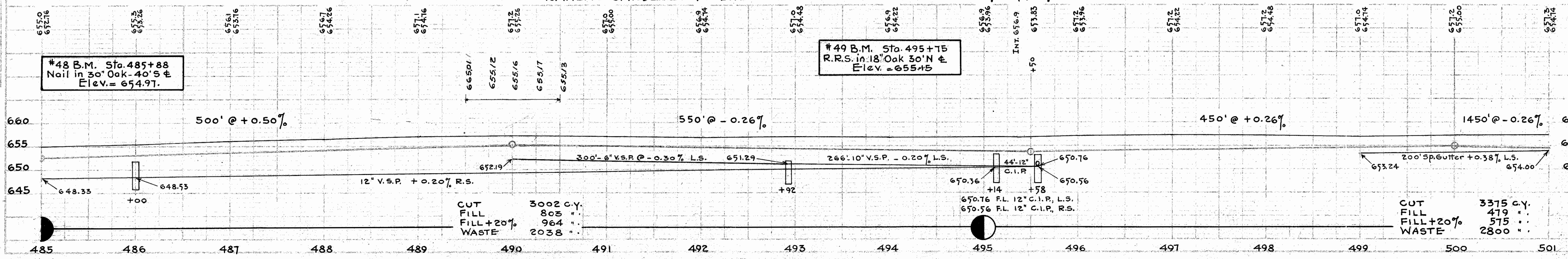
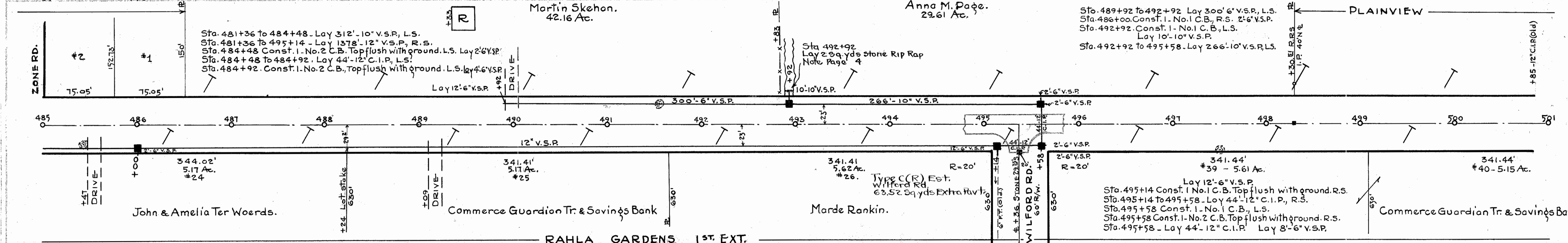
SEC. 27

Wilson.  
Bliss.  
Prod.  
Etc.



CUT 2903 C.Y.  
FILL 929  
WASTE 1788

CUT 2837 C.Y.  
FILL 691  
WASTE 2008

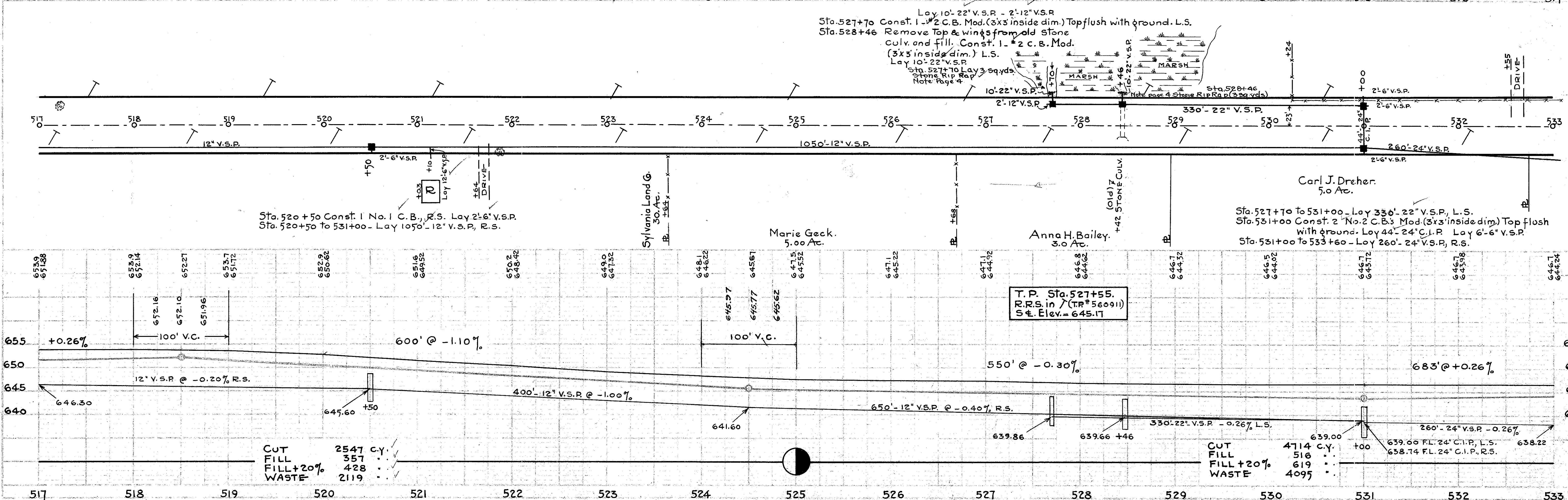
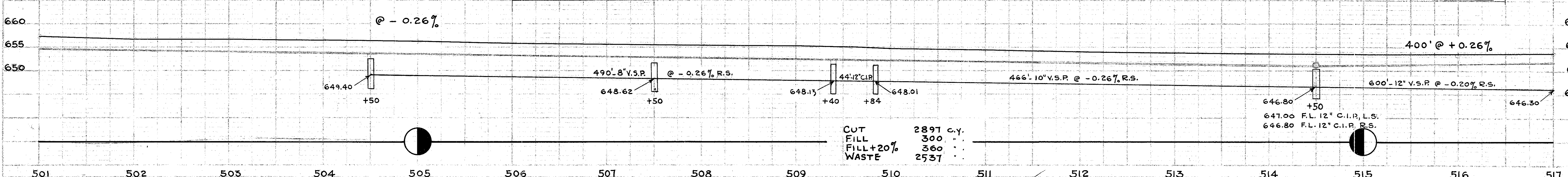
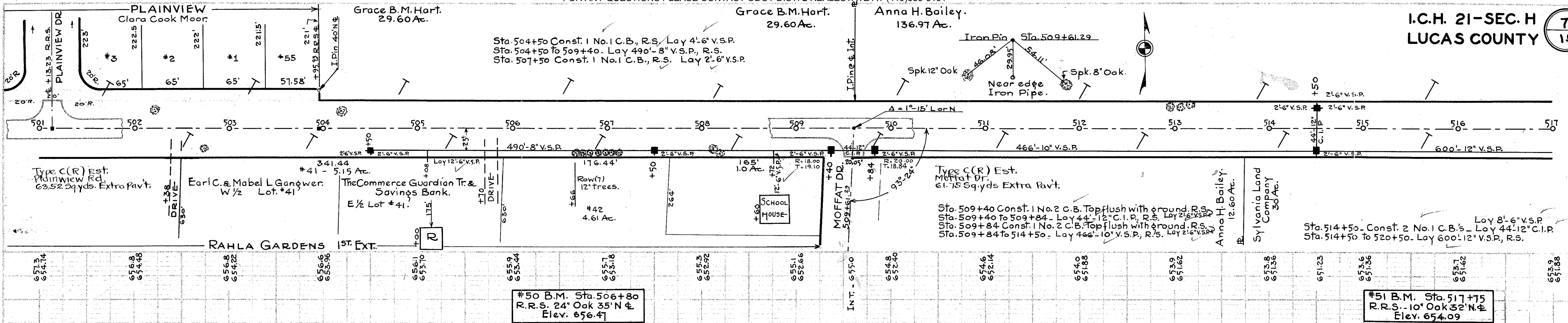


#48 B.M. Sta. 485+88  
Nail in 30" Oak - 40'S &  
Elev. = 654.97.

#49 B.M. Sta. 495+15  
R.R.S. in 18" Oak 30'N &  
Elev. = 655+5

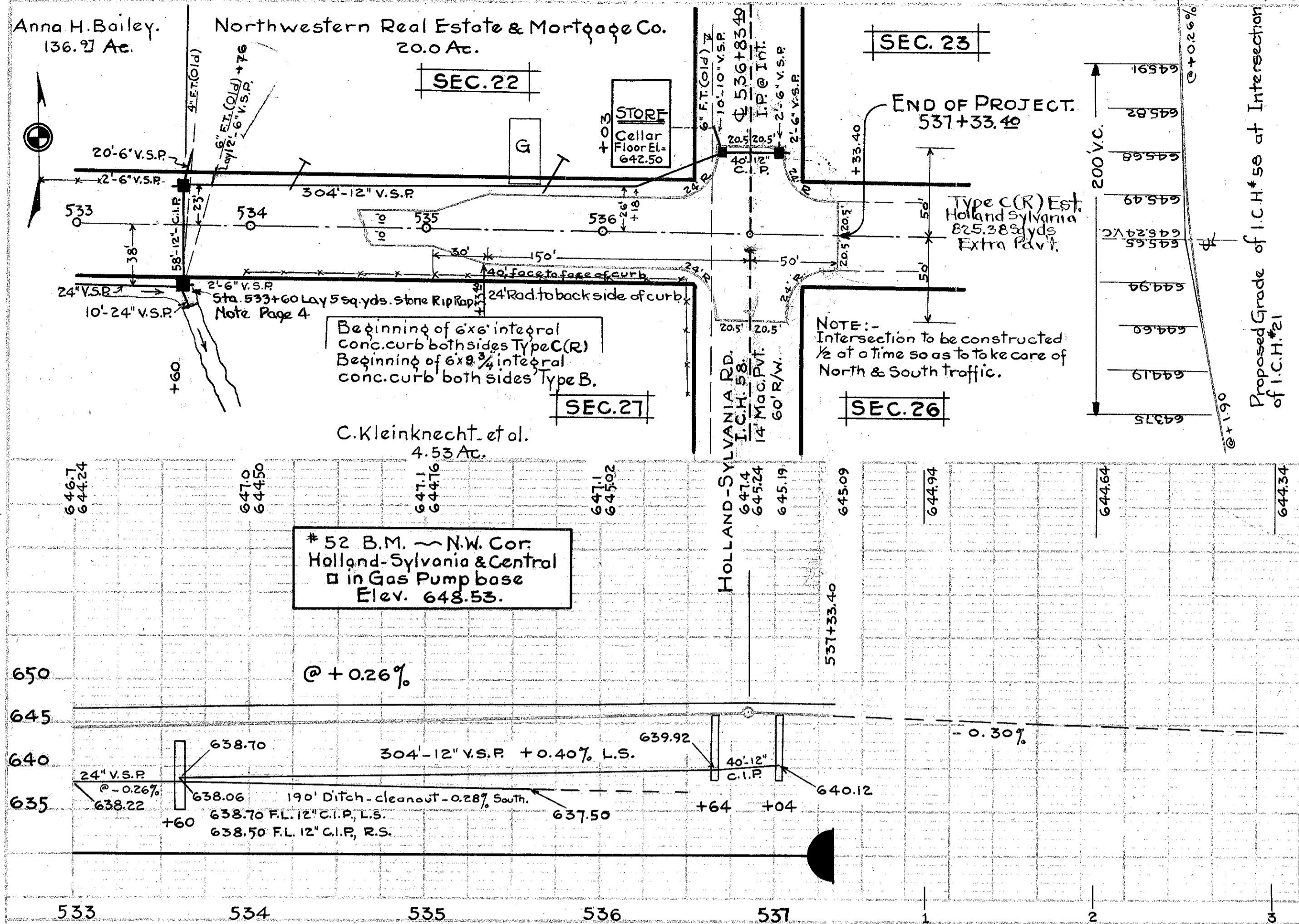
CUT 3002 C.Y.  
FILL 805  
WASTE 2038

CUT 3375 C.Y.  
FILL 479  
WASTE 2800



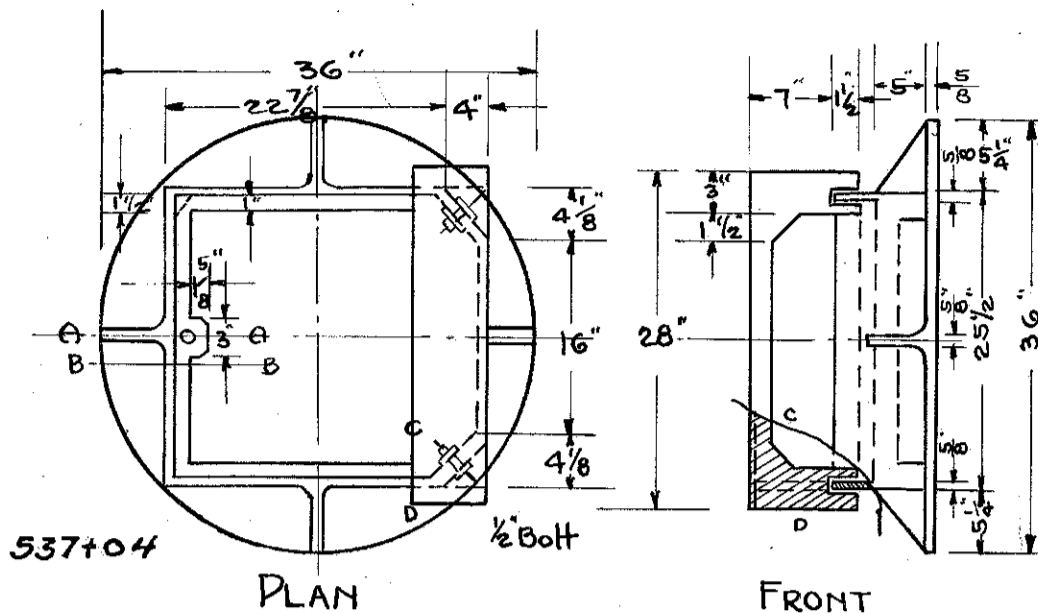
Vertical Curve Data Table:

| Station | Grade       | Length   |
|---------|-------------|----------|
| 501     | -0.26%      | 400'     |
| 505     | +0.26%      | 400'     |
| 509     | -0.20% R.S. | 400'-12" |
| 513     | -0.26% R.S. | 400'-12" |
| 517     | -0.20% R.S. | 400'-12" |
| 521     | -1.10%      | 600'     |
| 525     | -0.30%      | 550'     |
| 530     | +0.26%      | 683'     |

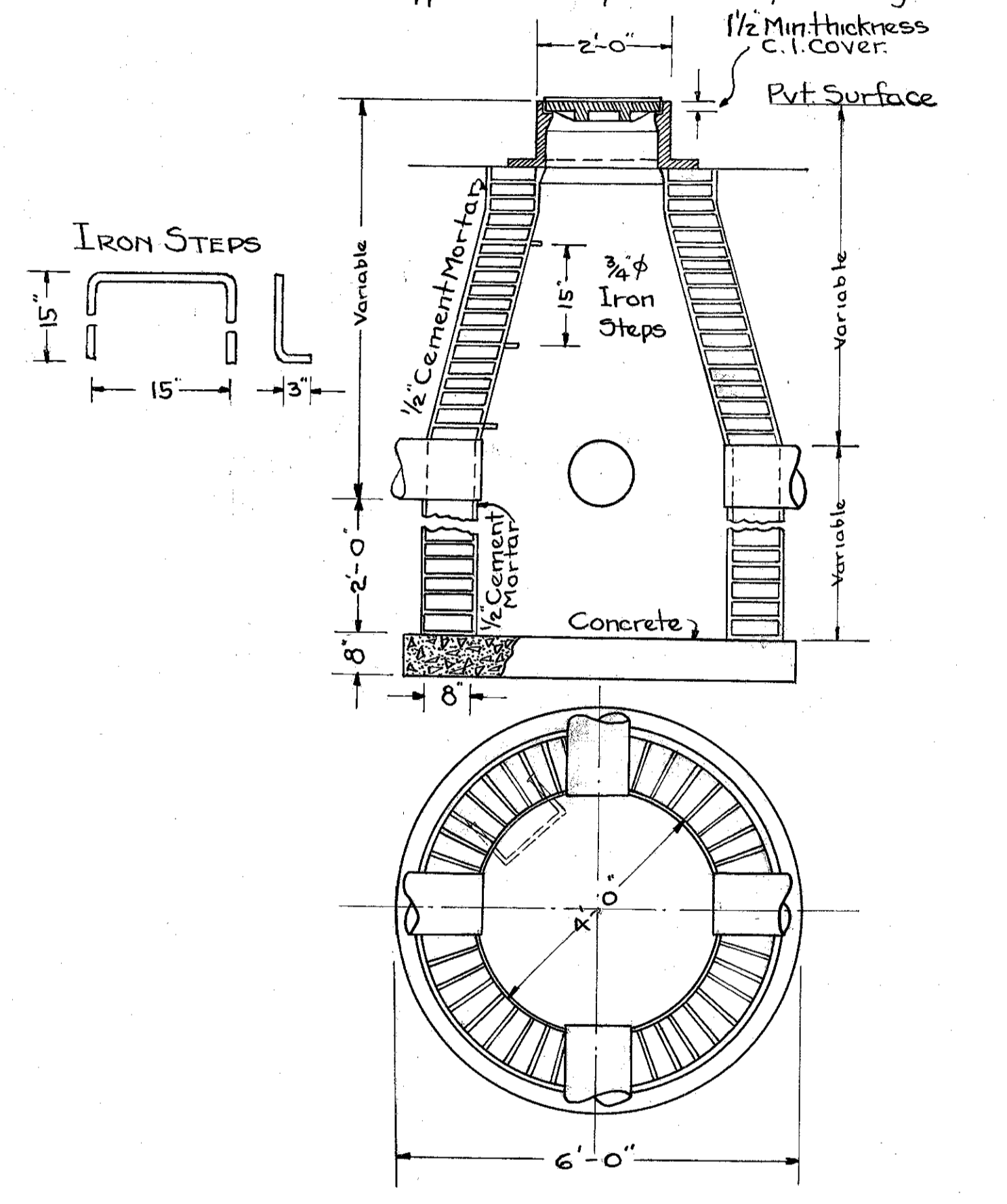


- Sta. 533+60 Const. 1 No. 2 C.B. Mod. (3'x3" inside diam.) R.S. Lay 10'-24" V.S.P. Lay 2'-6" V.S.P.
- Sta. 533+60 Clean out old ditch 190' South
- Sta. 533+60 Const. 1 No. 1 C.B., L.S. Lay 58'-12" C.I.P. Lay 20'-6" V.S.P. Lay 2'-6" V.S.P.
- Sta. 533+60 to 536+64 - Lay 304'-12" V.S.P., L.S.
- Sta. 536+64 Const. 1 Special C.B. (Cast Iron) curb inlet top. See Sheet # 8 Lay 10'-10" V.S.P., L.S.
- Sta. 536+64 to 537+04 - Lay 40'-12" C.I.P.
- Sta. 537+04 Const. 1 Special C.B. (Cast Iron) curb inlet top. See Sheet # 8 L.S. Lay 4'-6" V.S.P.

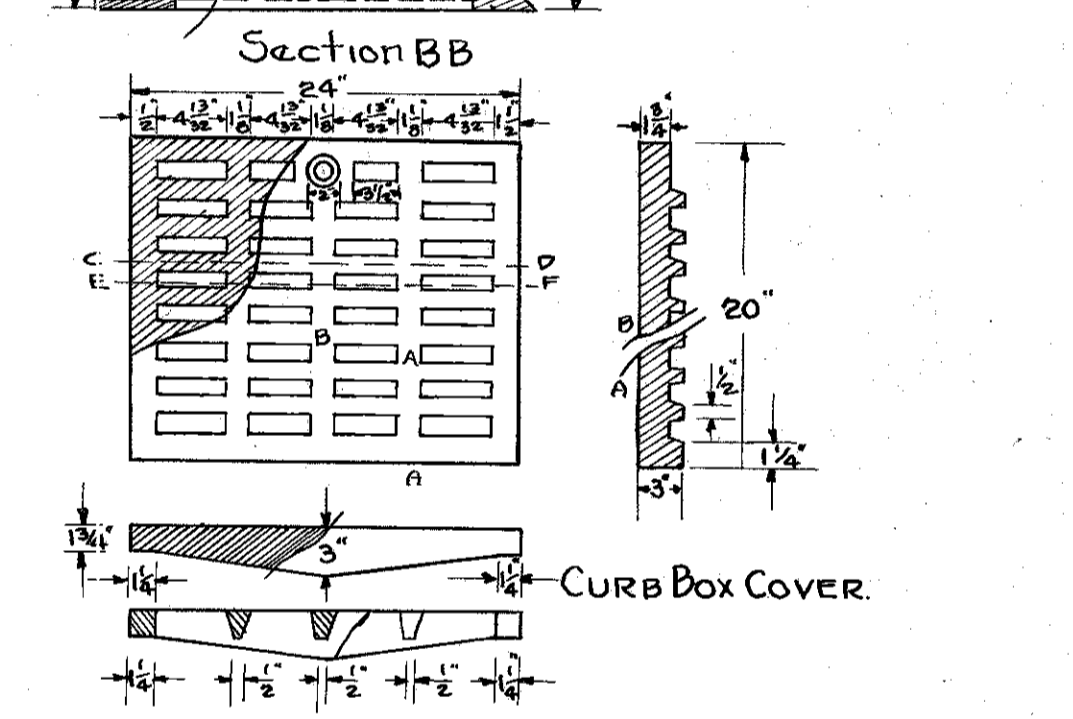
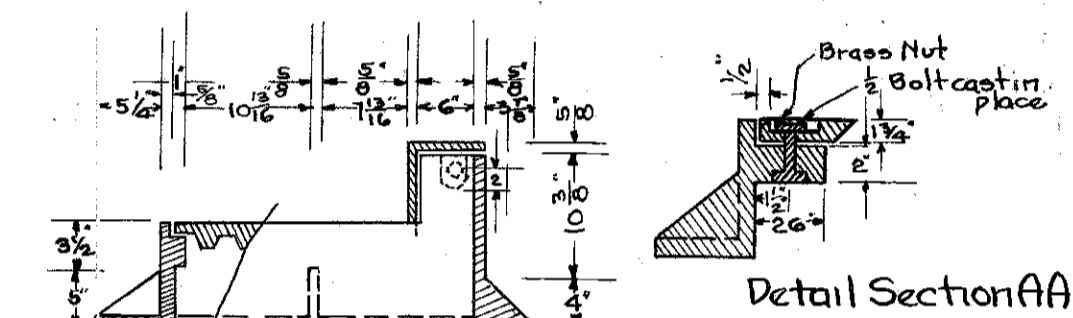
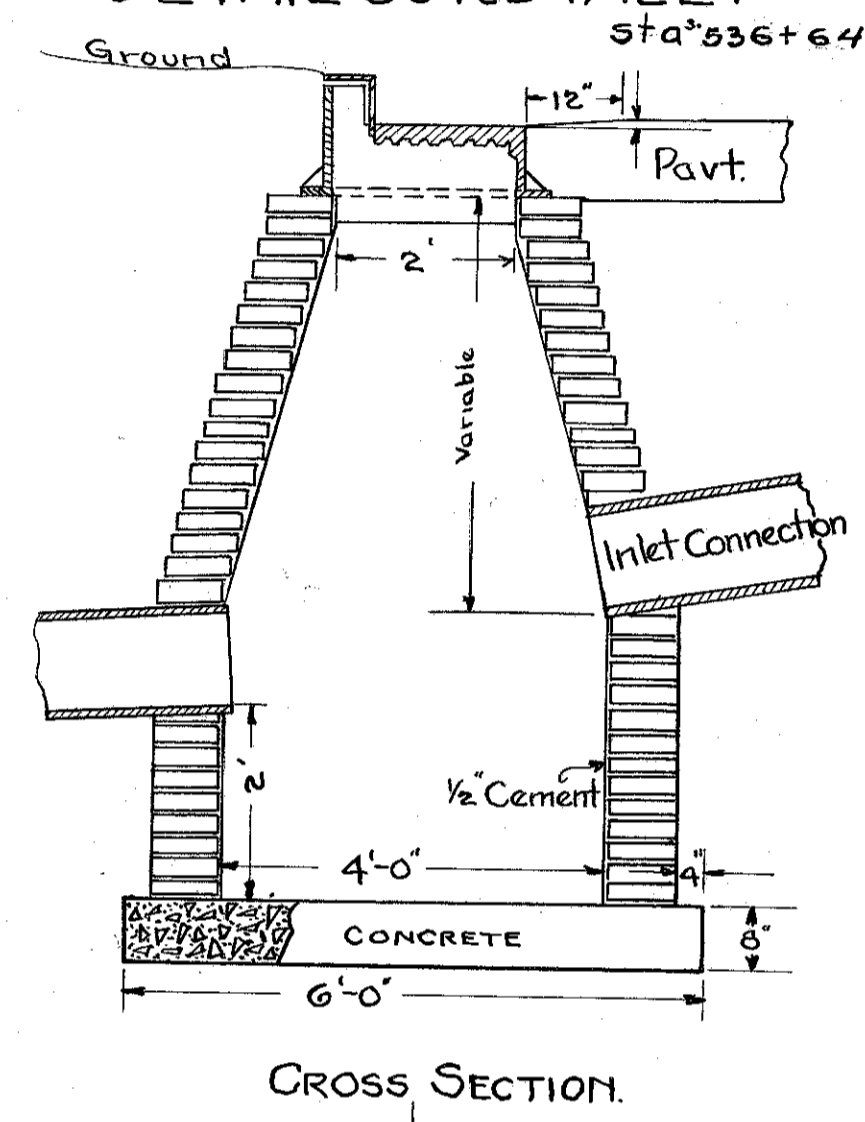
DETAIL CURB BOX & COVER



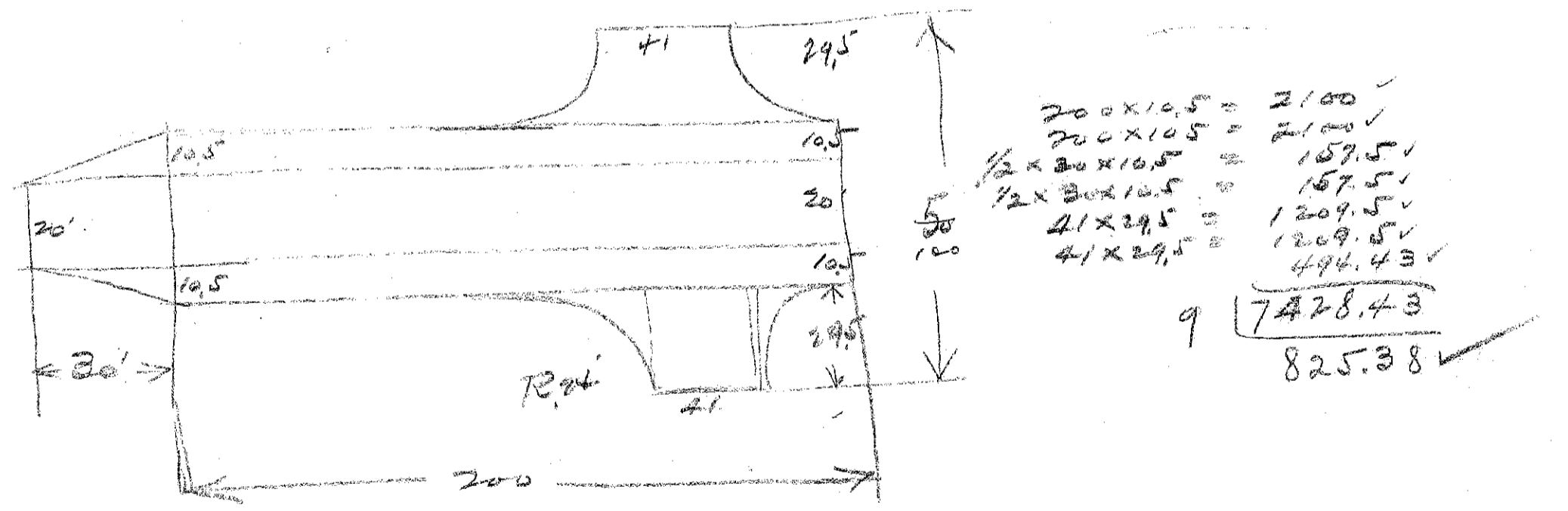
Detail Man Hole Stas. 457+94 and 460+96  
C.I. top to be of approved type to carry necessary loading



DETAIL CURB INLET  
Sta. 536+64 - 537+04



Approximate Weight  
Curb Box 315 lbs.  
Curb Box Cover 135 lbs.  
Total 450 lbs.



$(24)^2 \times 2146 = 24443$