FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

#5W1

* STATION SET USING CR198 SLM 19.93
19.93 x 5280 = 105240

| FED. RD. DIST. NO. | STATE | FED. AID PROJECT | FISCAL YEAR |
|---|---|---|---|
| 10 | OHIO | 452A | 1926 |

I.C.H. 22 SEC. Y
SANDUSKY COUNTY

Read Apr 27 1926 - 4 PM

STATE OF OHIO

DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS

# DIVISION OF HIGHWAYS

BUREAU OF CONSTRUCTION

# LIMA-SANDUSKY ROAD

## I.C.H. 22 SEC. Y PET. Nº 5261

## SANDUSKY COUNTY

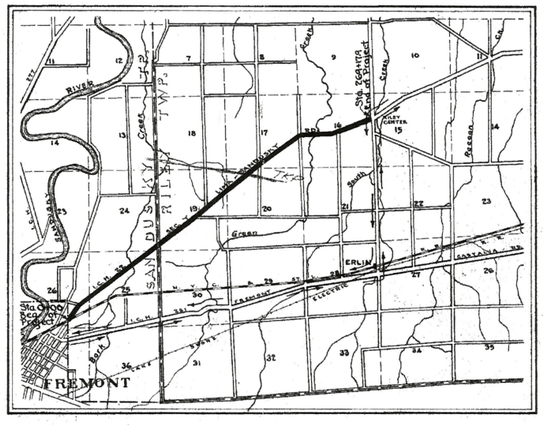
RILEY AND SANDUSKY TOWNSHIPS MARCH 1926

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| Structural Plans | p. 21 - 28 |
| Summary | p. 29 |


CONVENTIONAL SIGNS

| | |
|---|---|
| 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 | ——— |


RILEY TWP.
SANDUSKY TWP.
SANDUSKY RILEY
Green
Green
Erie
Erie
Seneca
Sandusky
Ballville
Clyde
Fremont
Erie
Green
Green

FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

| FED. RD. DIST. NO. | STATE | FED. AID PROJECT | FISCAL YEAR |
|---|---|---|---|
| 10 | OHIO | 452A | 1926 |

3 / 29

I.C.H. 22 SEC. Y

SANDUSKY COUNTY

Beginning of Project Sta. 0+00 F.A. 452-A
Set Iron Pin on ℄ - References:-
N.W. cor. Conc. Headwall - S.W. - 46.2'
N.E. - " " - S.E. - 11.1'
R.R. Crossing Post - S.E. - 24.8'
Δ = 0°-0'

P.I. Sta. 4 + 10.45
Δ = 18°-30' R^{74}D = 8°
T = 116.96 L = 231.25
P.C. - Sta. 2+93.50
P.T. - " 5+24.75
Set Iron Pin on P.I.
T.P. - 11' N.E. - T.P. 29.5' E.

Headwall for beginning Pavt. at Sta. 0+00 to be parallel to N. Rail of N.Y.C. & St. L. tracks and 2'-6" from the rail measured at right angles to the track.

Sta. 10+12, & 10+31 200 Sq. Yds. Extra Pavt. for Approaches as shown.

P.I. on Sec. Line - Sta. 19+23.5
Set Iron Pin - References:-
Anch. Post - N - 38.5' - T.P.-N.E.-40.7
Fence Post - S.E.-30.3'
Δ = 0° - 2' L

Pvt. Drive Sta. 12+10. Remove Present 6" Tile Install 136' of 12" V.S.P. 24' L℄ from Sta. 12+12 to 13+48. Build Std. S.R.C. Hdwalls Sta. 12+12 & 13+48 Enc. 16' under drive

Pvt. Drive Sta. 14+60: Remove present 16' of 6" V.S.P. Install 16' of 12" V.S.P. enc. (new) and build 2 S.R.C. Headwalls.

Pvt. Drive Sta. 21+56:- Remove present 12' of 8" V.S.P. Install 16' of 12" V.S.P. encased (new) Build 2 Std. S.R. Culv. Headwalls.

Otto J. & E. Klahn
Oscar Malke
O & B Malke
Theresa Weller
Theo. Weller Orchard
Garden
Theo. Weller
Gustave Mielke
Gustave Mielke - Sandusky Co. Home
Robt. Stahl
Joe. Kihn, et al.
Sandusky County Home
Corporation Line - Townships
N. 54° - 30' E.
N. 58° - 0' E.
N. 51° - 55' E.
N.Y.C. & St. L. R.R.
N. 5th St. & Pavt.
Fremont C. SANDUSKY
Sta. 0+00 Beginning of Improvement
4° Spiral
D = 4°-30'
P.I. Sta. 5+24.75
Public Road
Drive to County Home
REF 27A & REF 28
REF 28AA

| Station | Left Side Width | Left Side Elev. | ℄ Grade | Right Side Elev. | Right Side Width |
|---|---|---|---|---|---|
| 1+93.5 | 10.0 | 622.16 | 622.33 | 622.16 | 10.00 |
| 2+43.5 | 10.0 | 622.33 | 622.06 | 621.89 | 10.44 |
| 2+93.5 | 10.0 | 622.78 | 622.01 | 621.84 | 11.76 |
| 3+18.5 | 10.0 | 623.04 | 621.99 | 621.82 | 12.46 |
| 3+43.5 | 10.0 | 623.27 | 621.96 | 621.79 | 12.75 |
| 4+00 | 10.0 | 623.21 | 621.90 | 621.73 | 12.75 |
| 4+50 | 10.0 | 623.16 | 621.85 | 621.68 | 12.75 |
| 4+74.8 | 10.0 | 623.13 | 621.82 | 621.65 | 12.75 |
| 4+99.8 | 10.0 | 622.85 | 621.80 | 621.63 | 12.46 |
| 5+24.8 | 10.0 | 622.54 | 621.77 | 621.60 | 11.76 |
| 5+74.8 | 10.0 | 621.99 | 621.72 | 621.55 | 10.44 |
| 6+24.8 | 10.0 | 621.52 | 621.69 | 621.52 | 10.00 |

78.7 Sq. Yds. Extra Pavt.

② Sta. 10+31. Install 32' of 12" V.S.P. enc. (new) - 24' L, and build 2 S.R. Culv. Headwalls.

① Side Road Culv. Sta. 10+12 - R
Remove present 30' of 10" C.I.P. Install 54' of 12" V.S.P. enc. (new) - 20' R ℄ from Sta. 9+63 to 10+17. Build S.R. Culv. Hdwall Sta. 9+63.

Install 76' of 12" V.S.P. (new) 20' R ℄ from Sta. 10+17 to 10+93. Build S.R.C. Headwall Sta. 10+93 (Continuation of N81-as Pvt. Dr.).

Sta. 17+17 is approx SLM 18.93 USG.

Pvt. Drive Sta. 21+59 - R. Build 2 Std. S.R. Culvert Headwalls on present 28' of 12" V.S.P.

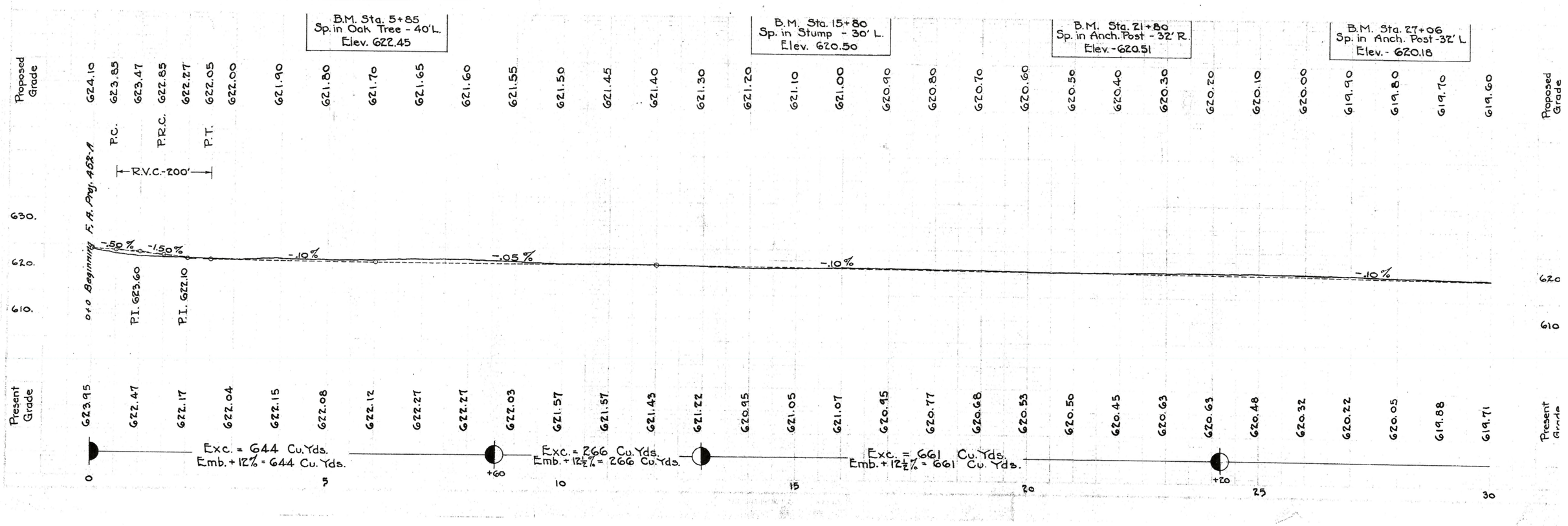
Pvt. Drive Sta. 28+00 - L Remove present 12' of 10" V.S.P. Install 16' of 12" V.S.P. enc. (new) and build 2 Std. S.R. Culv. Headwalls.

B.M. Sta. 5+85
Sp. in Oak Tree - 40' L.
Elev. 622.45

B.M. Sta. 15+80
Sp. in Stump - 30' L.
Elev. 620.50

B.M. Sta. 21+80
Sp. in Anch. Post - 32' R.
Elev. - 620.51

B.M. Sta. 27+06
Sp. in Anch. Post - 32' L
Elev. - 620.18



FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

| FED. RD. DIST. NO. | STATE | FED. AID PROJECT | FISCAL YEAR |
|---|---|---|---|
| 10 | OHIO | 452 A | 1926 |

I.C.H. 22 SEC. "Y"
SANDUSKY COUNTY

Set I.P. on P.I. Sta. 35+73
Δ = 0°-12' R
Anch. Post - S - 37.4' - T.P. - NE - 34.3'
" " N - 39.4'

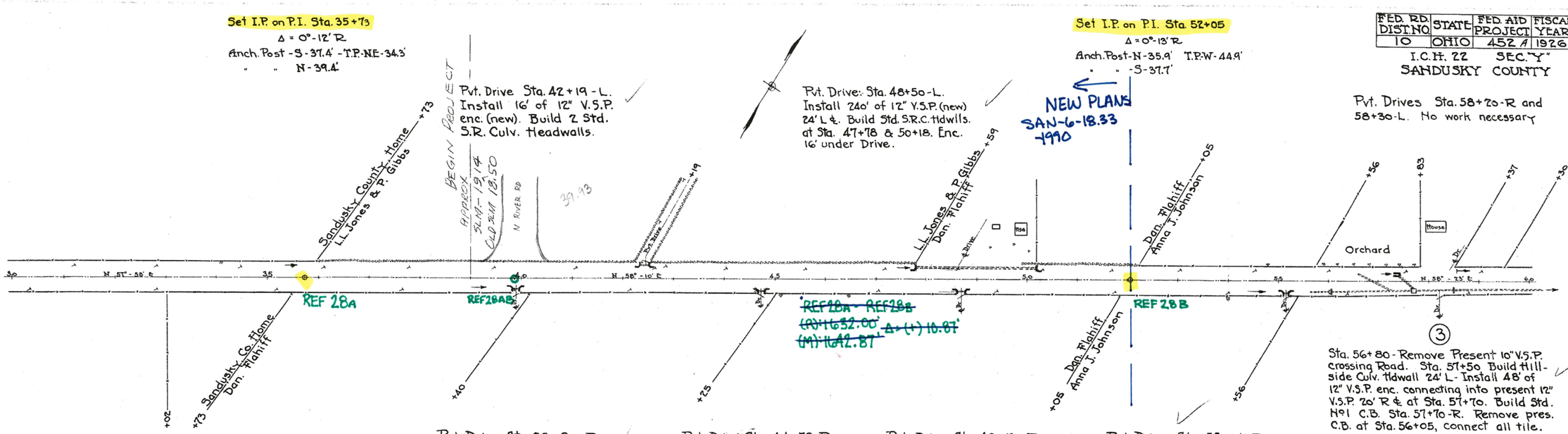
Pvt. Drive Sta. 42+19 - L. Install 16' of 12" V.S.P. enc. (new). Build 2 Std. S.R. Culv. Headwalls.

Pvt. Drive: Sta. 48+50 - L. Install 240' of 12" V.S.P. (new) 24' L &. Build Std. S.R.C. Hdwlls. at Sta. 47+78 & 50+18. Enc. 16' under Drive.

Set I.P. on P.I. Sta. 52+05
Δ = 0°-13' R
Anch. Post - N - 35.9' T.P. - W - 44.9'
" " - S - 37.7'

NEW PLANS
SAN-6-18.33
1990

Pvt. Drives Sta. 58+20 - R and 58+30 - L. No work necessary




~~REF 28A - REF 28B~~
~~(A) 1652.00' A + (+) 10.87'~~
~~(M) 1642.87'~~

Pvt. Drive Sta. 39+90 - R. Remove present 12' of 6" Tile and install 16' of 12" V.S.P. enc. (new). Build 2 Std. S.R. Culv. Headwalls.

Pvt. Drive Sta. 44+73 - R. Remove present 10" tile and install 16' of 12" V.S.P. enc. (new). Build 2 Std. S.R. Culv. Headwalls.

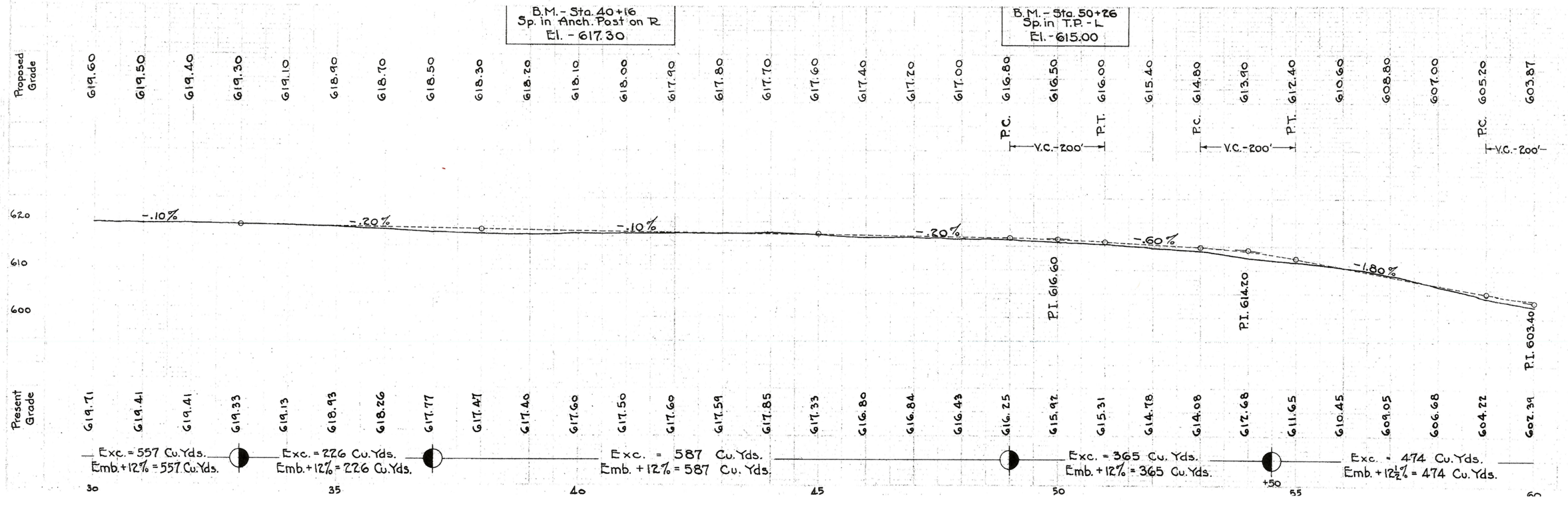
Pvt. Drive Sta. 48+70 - R. Remove present 6" tile and install 16' of 12" V.S.P. enc. (new). Build 2 Std. S.R. Culv. Headwalls.

Pvt. Drive Sta. 55+14 - R. Remove pres. 10' of 12" V.S.P. (broken) and install 16' of 12" V.S.P. enc. (new). Build 2 Std. S.R. Culv. Headwalls.

③

Sta. 56+80 - Remove Present 10" V.S.P. crossing Road. Sta. 57+50 Build Hillside Culv. Hdwall 24' L - Install 48' of 12" V.S.P. enc. connecting into present 12" V.S.P. 20' R &. at Sta. 57+70. Build Std. №1 C.B. Sta. 57+70 - R. Remove pres. C.B. at Sta. 56+05, connect all tile.

Sta. 58+50 to 61+68 - Install 318' of 12" V.S.P. (new). - 20' R &. At outlet Sta. 61+68 pipe to penetrate new Abt. of bridge over Bark Creek. See plans Page № 22



FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

| FED. RD. DIST. NO. | STATE | FED. AID PROJECT | FISCAL YEAR |
|---|---|---|---|
| 10 | OHIO | 452A | 1926 |

I.C.H. 22 SEC. "Y"
SANDUSKY COUNTY

④ (No 6 on Proj. Map)
Remove present Lattice Rail Bridge over Bark Creek, Sta. 61+80. Build new Conc. Beam Bridge - 26' Span; 28' Rdwy. See Plan Page 22
*Span old structure 26' Roadway 16'*

Sta. 65+20 to 66+82 Install 162' of 12" V.S.P. (new). Enc. 16' under Drive Build Std. S.R.C. Hdwalls Sta. 65+20 and 66+82

Pvt. Drive Sta. 68+20-L Install 16' of 12" V.S.P. enc. (new). Build 2 Std. S.R. Culv. Headwalls

Pvt. Drive Sta. 72+36-L No Structure necessary

Set I.P. on Twp Line Sta. 84+68.1
Δ = 0°-15' R
Anch. Post - N.W. - 30.5 - T.P. - S.E. - 26'
" " - S.E. - 30.5 -

⑤
Sta. 78+12:- Relay present 30' of 12" Cor. I.P. Extend with 14' of new 12" V.S.P. Encase entire 44' of pipe Build 2 Std. No1 C.B.

⑥
Sta. 84+40:- Build new Std. 12" × 54' V.S.P. Enc. Culv. with 2 Spcl. S.R. Hdwalls as shown on Pg. 23

⑦
Sta. 84+68.1-R - Build new Std. 12" × 50' V.S.P. Enc. S.R. Culv. with Spcl. Hdwall as shown on Pg. 23.

Pvt. Drive Sta. 88+09-R No Structure necessary

Pvt. Drive Sta. 60+60-L Install 16' of 12" V.S.P. enc. (new). Build 2 Std. S.R.C. Headwalls.

Install Type "E" Guard Rail 20' L & from Sta. 61+05 to 61+65 and 61+95 to 62+35. Also 15' R & from 61+05 to 61+65 and 61+95 to 62+15. Total 180 Lin. Ft.

4.3 Sq. Yds. of Extra Pvmt. to Approach Slabs
171.8 Sq. Yds. 4" Wearing Surface - Bridge & App. Slabs.

REF28B TO REF29
R: 3263.10', Δ = +8.92'
M: 3272.02'

REF28B TO REF29
M: 3271.78'
Δ = 8.68'

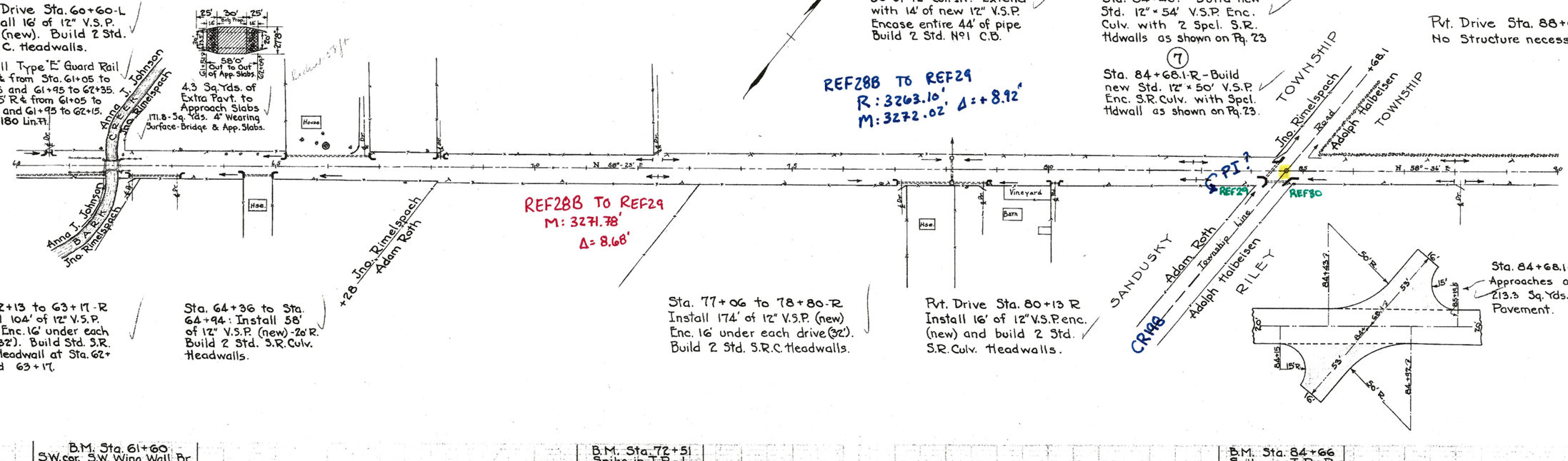
Sta. 62+13 to 63+17-R Install 104' of 12" V.S.P. (new). Enc. 16' under each Drive (32'). Build Std. S.R. Culv. Headwall at Sta. 62+13 and 63+17.

Sta. 64+36 to Sta. 64+94: Install 58' of 12" V.S.P. (new) - 20° R. Build 2 Std. S.R. Culv. Headwalls.

Sta. 77+06 to 78+80-R Install 174' of 12" V.S.P. (new) Enc. 16' under each drive (32'). Build 2 Std. S.R.C. Headwalls.

Pvt. Drive Sta. 80+13 R Install 16' of 12" V.S.P. enc. (new) and build 2 Std. S.R. Culv. Headwalls.

Sta. 84+68.1-Build Approaches as shown 213.3 Sq. Yds. Extra Pavement.



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| FED. RD. DIST. NO. | STATE | FED. AID PROJECT | FISCAL YEAR |
|---|---|---|---|
| 10 | OHIO | 457-A | 1926 |

I. C. H. 22 SEC. "Y"
SANDUSKY COUNTY

Pvt. Drive Sta. 91+74-L
Install 16' of 12" V.S.P. Enc. (new). Build 2 Std. S.R.C. Headwalls.

Sta. 92+44 to 93+38-L
Install 94' of 12" V.S.P. (new). Enc. 16' under Dr. Build 2 Std. S.R.C. Hdwalls.

Pvt. Drive Sta. 94+82
Install 16' of 12" V.S.P. Enc. (new). Build 2 Std. S.R. Culv. Headwalls.

REF29 TO REF30A
R: 2360.5
M: 2244.59' *SEE NOTE

REF29 TO REF30A
M: 2244.42'

(8)
Sta. 101+82:- Remove Present 30' of 10" V.S.P. Install 44' of 12" V.S.P. Enc. (new). Build Std. St. Hdwall. 24' Lt & Std. N°1 C.B. 20' R &. Connect 6" Drain from House into C.B. with 36' of 6" Tile

Sta. 107+05 to 108+13-L
Install 108' of 12" V.S.P. (new). Build 1 Std. S.R.C. Headwall at Sta. 107+05.

P.I. Sta. 108+28.6
Δ = 1°-28' L
D = 1° T = 73.37 L = 146.67
P.C. - Sta. 101+55.23
P.T. - Sta. 109+01.90
Ref. to I.P. on P.I.:-
Anch. Post - N.W. - 27.2'
Tel. Pole - N. - 23.8'
Tel. Pole - S.E. - 28.2'

| Curve not widened | | | |
|---|---|---|---|
| Station | Left | ℄ | Right |
| 106+55.23 | 611.05 | 611.22 | 611.05 |
| 107+05.23 | 610.80 | 610.97 | 610.92 |
| 107+55.23 | 610.55 | 610.72 | 610.79 |
| 107+80.23 | 610.43 | 610.60 | 610.73 |
| 108+05.23 | 610.32 | 610.49 | 610.68 |
| 108+30.23 | 610.27 | 610.44 | 610.63 |
| 108+51.90 | 610.23 | 610.40 | 610.59 |
| 108+76.90 | 610.18 | 610.35 | 610.48 |
| 109+01.90 | 610.13 | 610.30 | 610.37 |
| 109+51.90 | 610.03 | 610.20 | 610.15 |
| 110+01.90 | 609.93 | 610.10 | 609.93 |

Sta. 109+45 on Left
No Structure necessary.

Pvt. Drive Sta. 115+05-L
Install 16' of 12" V.S.P. Enc. (new). Build 2 Std. S.R.C. Headwalls.

REF30A - REF30B
(R): 1505.00' Δ = (+) 0.23'
(M): 1505.23

Sta. 117+ Build Appr as shown. 10 Sq. Yds. Extra F

Jas. G. Forgerson +05
J & C. Forgerson
P.C. Sta. 101+55.23
P.T. Sta. 109+01.90
Jas. G. Forgerson +83
Adolph Halbeisen
J & C. Forgerson +53
+19 Adolph Halbeisen
Cemetery
Barn
House
Orchard
Chicken Hse.
Drive
Adolph Halbeisen
G. & E. Wickert
+00
+38 I. Head
+71
Adolph Halbeisen
Public Road
+17
Present end of 12" Tile & Beg. new 12" Tile
12" Tile
6" Tile
REF30A (STA 107+12.4)
*SEE NOTE ON REFERENCE SHEET.

Pvt. Drive Sta. 93+32-R.
Install 16' of 12" V.S.P. Enc. (new). Build 2 Std. S.R.C. Headwalls.

Pvt. Drive Sta. 99+23-R.
Install 16' of 12" V.S.P. Enc. (new). Build 2 Std. S.R.C. Headwalls.

Present 10" Tile and V.S.P. from Sta. 101+82 to 106+94 on R in good condition. No work necessary.

Sta. 106+94 to 124+26:- Install 1732 Lin. Ft. of 12" Tile 20' R &. Fill present ditch as shown by Cross Sections.

(9)
Sta. 108+14. Take up, relay and Enc. present 16' of 15" V.S.P. Add 30' of new 15" V.S.P. Enc. Build 2 Std. N°1 C.Bsns. Connect 6" & 12" Tiles into C.Bs.
10' 6" tile
30' 12" tile

Pvt. Drives Sta. 113+15 and 114+80:- Build Std. N°1 Side Ditch Inlets - 20' R &.

(10)
Sta. 117+18:- Build Std. N°1 Side Ditch Inlet 20' R & for Side Road.

(11)
Sta. 117+79:- Take up, relay and Enc. present 24' of 12" V.S.P. Add 16' of new 12" V.S.P. enc. Build Std. St. Hdwall on L and Std. N°1 C.B. on R.

Sta. 120 on R and L
No Structs. necessary.

B.M. Sta. 94+20
Sp. in Bl. Walnut on R
El. 614.65

B.M. Sta. 102+58
N.W./c Conc. Stpg. Blk-R
El. 613.84

B.M. - Sta. 112+17
Sp. in T.P. on L
El. 610.89

| | 90 | 95 | 100 | 105 | 110 | 115 | 120 |
|---|---|---|---|---|---|---|---|
| Proposed Grade | 614.90 | 614.70 | 614.50 | 614.30 | 614.10 | 613.90 | 613.70 |
| | 613.50 | 613.30 | 613.10 | 612.90 | 612.80 | 612.70 | 612.60 |
| | 612.50 | 612.00 | 611.50 | 611.00 | 610.50 | 610.30 | 610.10 |
| | 609.90 | 609.70 | 609.25 | 608.80 | 608.35 | 607.90 | 607.45 |
| | 607.00 | 606.55 | 606.50 | | | | |
| Present Grade | 614.21 | 613.81 | 614.56 | 613.09 | 613.10 | 613.13 | 613.69 |
| | 613.69 | 613.22 | 612.93 | 612.33 | 612.30 | 612.83 | 613.71 |
| | 612.89 | 612.07 | 611.02 | 610.15 | 609.61 | 609.47 | 610.04 |
| | 610.46 | 609.35 | 608.32 | 607.82 | 607.75 | 606.99 | 605.97 |
| | 605.39 | 605.39 | 606.23 | | | | |
| Flow Line | 605.60 | 605.25 | 604.90 | 604.55 | 604.20 | 603.85 | 603.50 |
| | 603.15 | 602.80 | 602.45 | 602.10 | 601.75 | 601.40 | 601.05 |

620
610
600

-.20% -.10% -.50% -.20% -.45% -.05%
Tile Ditch Grade -.35%

Exc. = 647 Cu. Yds.
Emb. + 12% = 647 Cu. Yds.

Exc. = 596 Cu. Yds.
Emb. + 12% = 596 Cu. Yds.

Exc. = 865 Cu. Yds.
Emb. + 12% = 865 Cu. Yds.

Exc. = 364 Cu. Yds.
Emb. + 12% = 364 Cu. Yds.

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|---|---|---|---|
| 10 | OHIO | 452-A | 1926 |

I.C.H. 22 SEC. "Y"
SANDUSKY COUNTY

P.I. Sta. 127+00
Δ = 0°-31' R.
T.P. - N.W. - 34.7'
T.P. - S.W. - 38.4'
F.P. - N.W - 23.5'

Sta. 130+29 Build Approach as shown. 91.1 Sq. Yds. Extra Pavement.

Pvt. Drive Sta. 130+80
No Structure necessary

Sta. 136+40 to 138+10 R
and 137+13 to 138+96 L
No Structures necessary.

Pvt. Drive Sta. 143+80-L
Install 16' of 12" V.S.P. enc. (new). Build 2 Std. S.R.C. Headwalls.

Pvt. Drive Sta. 148+60-L
Install 24' of 12" V.S.P. Enc. (new). Build one Std. S.R.C. Headwall. Outlet penetrates new Abt. of Culvert No 14. See Plan Page 24.

Barn
Adolph Halbeisen
& Carley Road
M. A. Gessner
Orchard
House
Garden
M. A. Gessner
L. Balsiger

REF 30B
STA 122+17.4
*SEE NOTE ON REFERENCE SHEET

REF 30B - REF 30C
(R): 3736.75'
(M): 3736.72'
Δ = (-) 0.02'

Pvt. Drive Sta. 122+35-R
Install 16' of 12" V.S.P. Enc. (new). Build 2 Std. S.R.C. Hdwalls.

Sta. 124+26 Build Std. No 1 Catch Basin on Right-20' ℄ Sta. 124+28 to 132+44 Install 816' of 15" tile. Fill in Ditch as shown by Cross Secs. Outlet of tile penetrates new Abt. of Culv. No 13 - See Plan on Page 24.

(13)
Sta. 132+49 Present Conc. Slab Top Culvert - 8' Span, 24' Roadway. Extend on L. 8' and on R - 4' as shown by plans on Page 24.

(12)
Sta. 129+50. Present 12" V.S.P. Crosses Road. Contractor to remove this Culv. and excavate a 2' bottom ditch with 1½:1 slope sides along the West side of the Carley Road. 300 Lin. Ft new ditch 120 Cu. Yds. Excavation

Pvt. Drive Sta. 134+38 L
Install 16' of 12" V.S.P. Enc. (new). Build 2 Std. S.R. Culv. Headwalls.

Pvt. Drs. Sta. 140+42 and 142+44-R
Install 16' of 12" V.S.P. Enc. (new) and build 2 Std. S.R. Culv. Headwalls for each.

(14)
Sta. 148+87. Remove Present Plank Top Culv. - 5'0" Span, 14'0" Rdwy. in bad condition. Build new Concrete Slab Top Culvert - 8'0" Span, 36'0" Rdwy as shown on Page 24.

B.M. Sta. 121+82
Sp. in Tel. P. on L
El. 606.70

B.M. Sta. 132+55
N.E/c N.E. Wing Conc. Culv.
El. - 605.48

B.M. - Sta. 148+01
Sp. in Tel. P. on L
El. 603.04

| | 120 | 125 | 130 | 135 | 140 | 145 | 150 |
|---|---|---|---|---|---|---|---|
| Proposed Grade | 606.50 | 606.45 | 606.40 | 606.30 | 606.20 | 606.10 | 606.00 | 605.90 | 605.80 | 605.70 | 605.60 | 605.50 | 605.10 | 604.70 | 604.30 | 604.20 | 604.70 | 605.50 | 606.05 | 606.10 | 605.90 | 605.70 | 605.50 | 605.10 | 604.70 | 604.30 | 603.90 | 603.60 | 603.30 | 603.00 | 602.70 |
| Flow Line Grade Tile | 601.05 | 600.70 | 600.35 | 600.00 | 599.65 | 599.55 | 599.45 | 599.35 | 599.25 | 599.15 | 599.05 | 598.95 | 598.85 | 598.80 | P.I. 603.90 | | | | P.I. 606.30 | | | | | | | | | | | | |
| Present Grade | 606.23 | 605.68 | 605.10 | 605.01 | 605.39 | 605.90 | 605.78 | 605.27 | 605.17 | 605.28 | 606.28 | 605.66 | 605.24 | 604.99 | 603.81 | 603.70 | 604.34 | 605.22 | 606.22 | 605.77 | 605.61 | 605.30 | 605.14 | 604.53 | 604.02 | 603.67 | 603.50 | 603.34 | 602.97 | 602.84 | 601.54 |

610
600
-.05%
-.35%
Tile Grade
-.10%
-.10%
-.40%
+.80%
-.20%
-.40%
-.30%

Exc. = 591 Cu. Yds.
Emb. + 12% = 591 Cu. Yds.

Exc. = 1108 Cu. Yds.
Emb. + 12% = 1108 Cu. Yds.

Exc. = 286 Cu. Yds.
Emb. + 12% = 286 Cu. Yds.

Exc. = 152
Emb. + 12% = 152

FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

| FED. RD. DIST. NO. | STATE | FED. AID PROJECT | FISCAL YEAR |
|---|---|---|---|
| 10 | OHIO | 452-A | 1926 |

I.C.H. 22 SEC. "Y"
SANDUSKY COUNTY

P.I. Sta. 159 + 54.15
Δ = 0°-47' R.
F.P. -W- 27' - F.P.-SE- 28.2'
Anch. Post - N- 30.5'

Pvt. Drives at Stas. 150+20 on R & L and 152+00 on L. Install 16' of 12" V.S.P. Enc. (48' new) and build 2 S.R. Culv. Headwalls for each. (6 Headwalls).

Pvt. Drive Sta. 153+50-L
No Structure necessary

Pvt. Dr. Sta. 165+71-L
Install 16' of 12" V.S.P. Enc. (new). Build 2 Std. S.R. Culv. Headwalls.

No Structure necessary
Sta. 162+35 - 163+00-L

(16)
Remove present 30' of 6" Tile across road.
Sta. 165+90

L. Balsizer
L. Gessner Est. +91

L. Gessner Est.
Jos. Eberly +00

Jos. Eberly
L.L. & V.P. Jones +54

L.L. & V.P. Jones
H. Halbeisen +04

Barn

Orchard

Hog

Pvt.

N. 81°-39' E

N. 58°-26' E

150 155 160 165 170 175 180

0

REF30-C

REF30c - REF31
(R): 2098.85'
(M): 2099.83' Δ=(+)0.98'

L. Balsizer
L. Gessner Est. +91

L. Gessner Est.
L. Balsizer +97

Pvt. Drive Sta. 152+80-R
No Structure necessary.

L. Balsizer
J.W. & R.C. Trick +12

+51 - L.L. & V.P. Jones
J.W. & R.C. Trick

Orchard

L.L. & V.P. Jones
H. Halbeisen +04

(15)

Sta. 162+20 Take up, Relay and Enc. present 20' of 15" V.S.P. Add 22' of new 15" V.S.P. Enc. Build 2 Std. Straight Headwalls.

Pvt. Drive Sta. 155+10-L.
Install 16' of 12" V.S.P. Enc. (new). Build 2 Std. Side Road Culvert Headwalls.

Pvt. Drive Sta. 167+40-R.
Install 16' of new 18" V.S.P. Enc. Build 2 Std. S.R.C. Headwalls.

B.M. - Sta. 158+76
Sp. in Tel. P. on L
El. 596.80

B.M. Sta. 167+98
Sp. in Tel. P. on L
El. 595.95

| | | |

FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

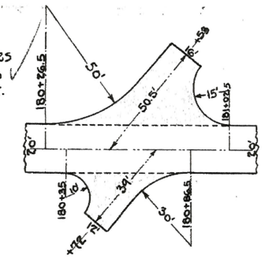
| FED. RD. DIST. NO. | STATE | FED. AID PROJECT | FISCAL YEAR |
|---|---|---|---|
| 10 | OHIO | 452-A | 1926 |

9 / 29

I.C.Rt. 22 SEC. "Y"
SANDUSKY COUNTY

Set I.P. - Sta. 180 + 53
Δ = 0°-0'
Anch. Post - W - 36.6'
T.P. S.E. - 29.5'
N.W.& S.R. Culv. Hdwall - 20.0'

Sta. 180+53
Build Approaches as shown. 155.6 Sq. Yds. Extra Pavt.




P.I. Sta. 191 + 67.15
Δ = 0°-50' R
F.P. N. - 42.2'
F.P. N.E. - 29.8'
T.P. S. - 39.1'

Pvt. Dr. Sta. 180+50-L
No Structure necessary.

Pvt. Drs. Sta. 191+67 L
Install 32' of 12" V.S.P. Enc. (new). Build 2 Std. S.R. Culv. Headwalls.

Sta. 199+15-L. No Structure necessary.

Pvt. Dr. Sta. 209+00-L
Install 16' of 12" V.S.P. Enc. (new). Build 2 S.R. Culv. Headwalls.




REF31 - REF32A
(A) 1114.15'
(M) 1108.63' Δ: (-) 5.52'

REF32A - REF33
(R): 2197.85' Δ = (+) 0.31'
(M): 2198.16'

(17)

Sta. 180+29. - Build new Std. 15" × 40' V.S.P. Enc. Culv. with Std. St. Hdwall on L & Spcl. S.R.C. Hdwll on R. See Plan Page 25.

(18)

Side Road Culv. Sta. 180+72-R
Remove present 2 parallel lines of 15" V.S.P. with Conc. Headwalls. Build new Std. 30" × 36' V.S.P. Enc. Culv. with 1 Spcl. S.R.C. Hdwall. See Plan Page 25.

Pvt. Dr. Sta. 198+40-R.
Install 16' of 30" V.S.P. Enc. (new). Build 2 Std. S.R.C. Headwalls.

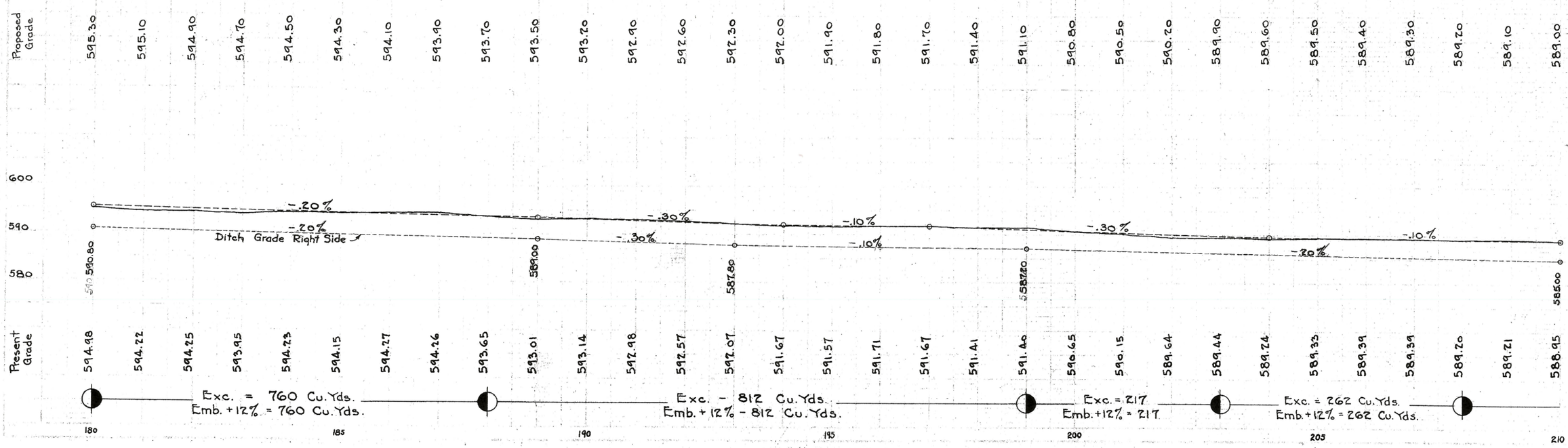
(19)

Sta. 199+00 - Take up, Relay and Enc. 20' of 15" V.S.P. Add 22' new 15" V.S.P. Enc. Build 2 Std. Straight Headwalls.

B.M. - Sta. 180+65
N.E/c E. Headwall on R
El. 593.98

B.M. - Sta. 191+10
Sp. in Tel. P. on L
El. 593.25

B.M. - Sta. 199+00
Sp. in Tel. P. on L
El. 591.54



FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

| FED. RD. DIST. NO. | STATE | FED. AID PROJECT | FISCAL YEAR |
|---|---|---|---|
| 10 | OHIO | 452 A | 1976 |

I.C.H. 22 SEC. "Y"
SANDUSKY COUNTY

(20) Side Road Culvert Sta. 213+90-L. Install 26' of 12" V.S.P. Enc. (new). Build Std. S.R.C. Hdwll. at W. end. East end penetrates new Abutment of Culv. Sta. 214+04.5 (Nº 21). See Pages 24-25.

(21) Sta. 214+04.5 Remove super structure and East (stone) Abt. of present Lattice Rail bridge. Build concrete slab top culvert on new alignment as shown on Page 24. 42'-0" Roadway

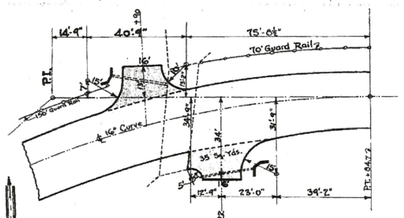
(22) Side Road Culvert Sta. 214+22-R. - Relay present 18' of 12" V.S.P. on line of new ditch Add 8' of 12" V.S.P. (new). All V.S.P. to be encased. Build S.R.C. Headwall at East end of pipe, the West end penetrates the S.E. Wing Wall of new Culv. Sta. 214+04.5 (Nº 21). See Pages 24-25.

Install 220 Lin. Ft. of Type "E" Guard Rail 20' Left of ℄ from Sta. 212+30 to 213+80 and from Sta. 214+18 to 214+88.

SAN-6-22.22 -1956

NEW PLANS

3-60° Conc. Pipe Culv.



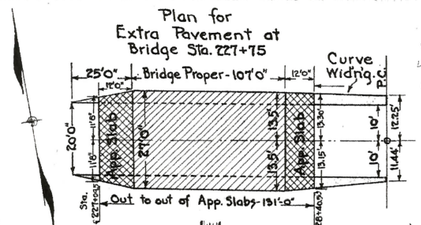

Build Approaches to Side Roads at Stas. 213+90 and 214+22 as shown above. 70 Sq. Yds. of Extra Pavement.

Pvt. Drives Sta. 220+30 R. & L. No Structures necessary.

(23) Sta. 227+75 - Remove present 70'x16' Pratt Truss Bridge over Green Creek. Build Concrete Girder with beam approach spans on new alignment as shown by plans on Pages 26-27. 28' Roadway Length 109'

Install 200 Lin. Ft. of Type "E" Guard Rail 10' left of left edge of Pavt. from Sta. 226+20 to 227+20 and from 228+30 to 229+30. Turn back panels for Pvt. Drive at Sta. 227+00. Also install 390 Lin. Ft. 5' R of R. edge of Pavt. from Sta. 226+20 to 227+20 and from 228+30 to 231+20. Total Guard Rail Req'd. 590 Lin. Ft.

Plan for Extra Pavement at Bridge Sta. 227+75




390.2 Sq. Yds. of 4" Wearing Surface on Bridge Proper and Approach Slabs.
7.4 Sq. Yds. Extra Pavt. to W. App. Slab.
All Extra Pavt. East of the East App. Slab is included in the Curve Quantities as shown by the table below.

REF34 - REF36
(R): 622.48'
(M): 641.81' Δ = (+) 19.33'

Pvt. Drive Sta. 227+00 Install 16' of 30" V.S.P. Enc. (new). Build 2 Std. S.R.C. Headwalls.




Pvt. Drives Sta. 232-233 on R & L. No Structures necessary.

Install 200 Lin. Ft. of Type "E" Guard Rail 5' right of right edge of Pavt. from Sta. 235+30 to 237+30.

(24) Sta. 237+35. Present 24' of 20" C.I.P. Extend on L with 16' of 20" C.I.P. (new). Build 2 Std. Strt. Headwalls. Also lay 60' of 6" Tile below the C.I.P. connecting with present 6" Tile at N. Side of road.

Set I.P. on P.I. - Sta. 236+30.6
Ref:- F.P. - N.W. - 28.3'
F.P. - N.E. - 26.1'
T.P. - S.E. - 45.2'
Δ = 12°-19' L
D = 6° R 954.9
T = 103.10' L = 205.3'
P.C. - Sta. 235+27.5
P.T. - Sta. 237+32.8

| Station | Left Side Width | Left Side Elev. | ℄ Grade | Right Side Elev. | Right Side Width |
|---|---|---|---|---|---|
| 211+32.8 | 10.00 | 588.57 | 588.74 | 588.57 | 10.00 |
| 211+82.8 | " | 589.00 | 588.64 | 588.47 | 10.82 |
| 212+32.8 | " | 589.55 | 588.54 | 588.37 | 13.29 |
| 212+57.8 | " | 589.86 | 588.49 | 588.32 | 14.37 |
| 212+82.8 | " | 590.15 | 588.44 | 588.27 | 14.75 |
| 213+00 | " | 590.11 | 588.40 | 588.23 | 14.75 |
| 213+25 | " | 590.06 | 588.35 | 588.18 | 14.75 |
| 213+50 | " | 590.01 | 588.30 | 588.13 | 14.75 |
| 213+75 | " | 589.96 | 588.25 | 588.08 | 14.75 |
| 214+00 | " | 589.91 | 588.20 | 588.03 | 14.75 |
| 214+34.7 | " | 589.84 | 588.13 | 587.96 | 14.75 |
| 214+59.7 | " | 589.45 | 588.08 | 587.91 | 14.37 |
| 214+84.7 | " | 589.04 | 588.03 | 587.86 | 13.29 |
| 215+34.7 | " | 588.39 | 588.03 | 587.86 | 10.82 |
| 215+84.7 | 10.00 | 587.91 | 588.08 | 587.91 | 10.00 |

148.1 Sq Yds. Extra Pavt.

Set I.P. on P.I. - Sta. 213+65
Ref:- T.P. - N.W. - 24.5'
T.P. - S.W. - 38.1'
N.W/c - S.W. Wing Bridge - 42.3'
Δ = 40°-18' R 358.1
D = 16°
T = 132.7' L = 251.9'
P.C. - Sta. 212+32.8
P.T. - Sta. 214+84.7

B.M. Sta. 214+10
N.E/c W. Abt. of Bridge
El. 588.73

Note:- 667 Cu. Yds. Borrow between Stas. 229 & 237 to be obtained from Channel Exc. at Green Creek. See Note Page 27.

Set I.P. on P.I. - Sta. 230+08.12
Ref:- T.P. - N.W. - 46.3'
F.P. - N.E. - 40.0'
Δ = 12°-55' L
D = 6° R 954.9
T = 108.12' L = 215.3'
P.C. - Sta. 229+00
P.T. - Sta. 231+15.3

B.M. - Sta. 227+35
S.E/c W. Abt. of Bridge
El. 589.38

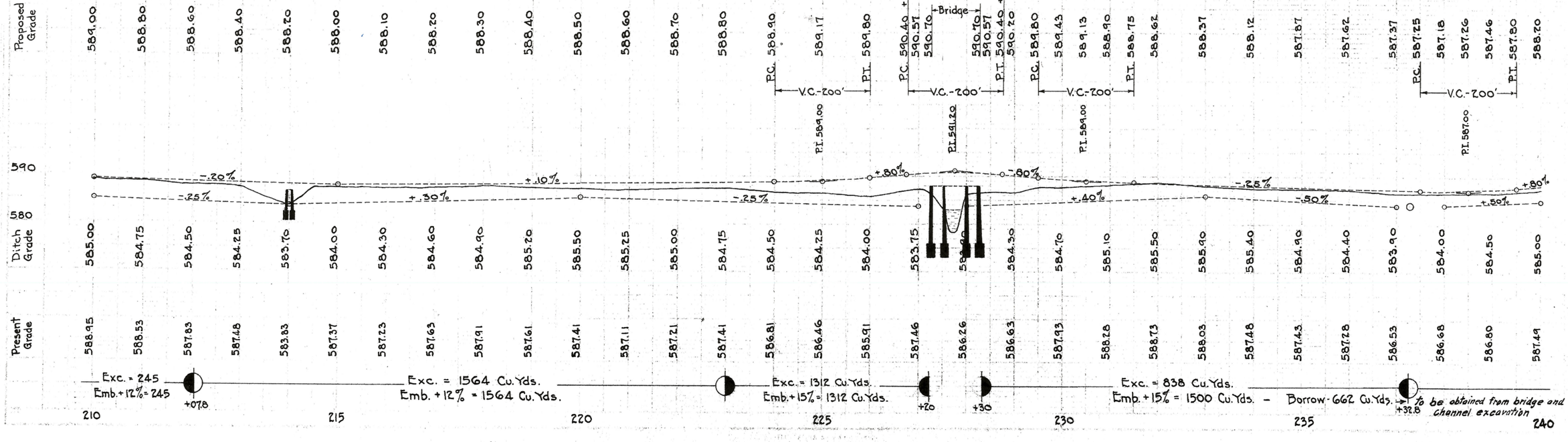
Special Widening to meet bridge

| Station | Left Side Width | Left Side Elev. | ℄ Grade | Right Side Elev. | Right Side Width |
|---|---|---|---|---|---|
| 228+50 | 13.13 | 590.40 | 590.57 | 590.63 | 12.88 |
| 228+75 | 12.70 | 590.23 | 590.40 | 590.73 | 12.16 |
| 229+00 | 12.25 | 590.03 | 590.20 | 590.83 | 11.44 |
| 229+25 | 12.25 | 589.83 | 590.00 | 590.89 | 10.72 |
| 229+50 | 12.25 | 589.63 | 589.80 | 590.88 | 10.00 |
| 229+75 | 12.25 | 589.44 | 589.61 | 590.81 | " |
| 230+00 | 12.25 | 589.26 | 589.43 | 590.66 | " |
| 230+25 | 12.25 | 589.10 | 589.27 | 590.50 | " |
| 230+50 | 12.25 | 588.96 | 589.13 | 590.34 | " |
| 230+65.3 | 12.25 | 588.88 | 589.06 | 590.22 | " |
| 230+90.3 | 11.97 | 588.78 | 588.95 | 589.93 | " |
| 231+15.3 | 11.35 | 588.69 | 588.86 | 589.59 | " |
| 231+65.3 | 10.33 | 588.54 | 588.71 | 588.97 | " |
| 232+15.3 | 10.00 | 588.41 | 588.58 | 588.41 | 10.00 |

98.8 Sq. Yds. Extra Pavt. East of East Approach Slab

| Station | Left Side Width | Left Side Elev. | ℄ Grade | Right Side Elev. | Right Side Width |
|---|---|---|---|---|---|
| 234+27.5 | 10.00 | 587.88 | 588.05 | 587.88 | 10.00 |
| 234+77.5 | 10.33 | 587.76 | 587.93 | 588.19 | " |
| 235+27.5 | 11.35 | 587.63 | 587.80 | 588.53 | " |
| 235+52.5 | 11.97 | 587.57 | 587.74 | 588.72 | " |
| 235+77.5 | 12.25 | 587.51 | 587.68 | 588.91 | " |
| 236+00 | 12.25 | 587.45 | 587.62 | 588.85 | " |
| 236+25 | 12.25 | 587.39 | 587.56 | 588.79 | " |
| 236+50 | 12.25 | 587.33 | 587.50 | 588.73 | " |
| 236+82.8 | 12.25 | 587.24 | 587.41 | 588.64 | " |
| 237+07.8 | 11.97 | 587.18 | 587.35 | 588.33 | " |
| 237+32.8 | 11.35 | 587.12 | 587.29 | 588.02 | " |
| 237+82.8 | 10.33 | 587.02 | 587.19 | 587.45 | " |
| 238+32.8 | 10.00 | 586.98 | 587.22 | 587.05 | " |

56.8 Sq. Yds. Extra Pavt.

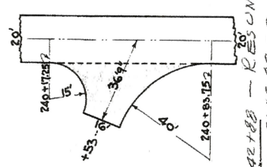


FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131

| FED. RD. DIST. NO. | STATE | FED. AID PROJECT | FISCAL YEAR |
|---|---|---|---|
| 10 | OHIO | 452 A | 1926 |

I.C.H. 22 SEC. "Y"
SANDUSKY COUNTY

Sta. 240+53 - Build Approach for Side Road as shown below. - 72.2 Sq. Yds. of Extra Pavt. required.




Sta. 240+89.72 ℄ — KEY UNTE PROJECT.
ANNEX SLNT 23.00
OLD SLNT 22.96

**Set. I.P. on ℄ Sta. 244 +07.7**
Ref:- Tel. P. - N. - 18.8'
Maple Tree - N.E. - 28.6'
F.P. - S.E. - 30.2'
Δ = 0°-0'

Pvt. Drive Sta. 244 - L
No Structure necessary

Pvt. Drive Sta. 249+00 - L
Install 16' of 12" V.S.P. Enc. (new). Build 2 S.R. Culv. Headwalls.

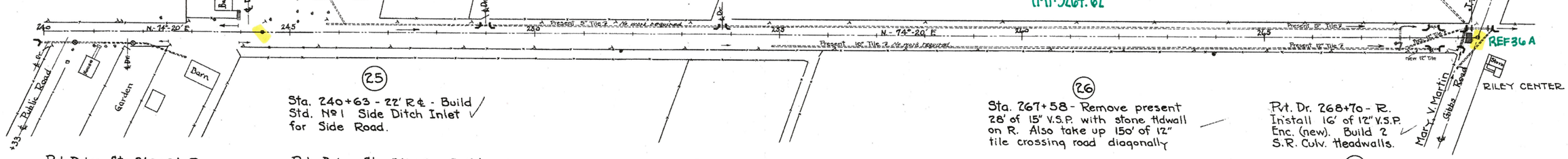
Pvt. Drive Sta. 253 + 80 - L
Install 16' of 12" V.S.P. Enc. (new). Build 2 S.R. Culv. Headwalls.

**Set I.P. on ℄ Gibbs Road**
Sta. 269 + 17.9
Ref:- N.W./c Store Bldg. - 36.9'
Tel. Pole - N.W. - 30.5'
Tel. Pole - N.E. - 46.9'
Impvt. to end at West edge of macadam on Gibbs Road
Sta. 269 + 10

Pvt. Drive Sta. 268+50 - L
Install 16' of 12" V.S.P. Enc. (new). Build 2 S.R. Culv. Headwalls.

REF36 - REF36A
(R): 3287.30'
(M): 3264.62' Δ = (-) 22.68'

(28)
Sta. 269+17.9 - L. Take up and relay present 30' of 30" C.I.P. Add 24' of 30" V.S.P. Enc. Bld. one Spcl. S.R.C. Headwall. See Plan Page 28.




(25)
Sta. 240+63 - 22' R ℄ - Build Std. №1 Side Ditch Inlet for Side Road.

Pvt. Drive Sta. 240+04 - R
Extend present 12" V.S.P. 12' - Encase and build one Std. S.R. Culv. Headwall.

Pvt. Drive Sta. 241+60 - Build Std. №1 Side Ditch Inlet 22' R of ℄.

(26)
Sta. 267+58 - Remove present 28' of 15" V.S.P. with stone Hdwall on R. Also take up 150' of 12" tile crossing road diagonally

Pvt. Dr. 268+70 - R.
Install 16' of 12" V.S.P. Enc. (new). Build 2 S.R. Culv. Headwalls.

Sta. 267+58 to 268+78 - Install 120' of 12" tile 20' R ℄. East Headwall of Pvt. Drive Culvert Sta. 268+70 to serve as Hdwall for outlet of 12" tile.

(27)
Sta. 268+90. Build new Std. 18"×42" V.S.P. Enc. Culvert with 2 Spcl. S.R.C. Hdwalls. See Plans Page 28.

B.M. - Sta. 241+15
N.W./c Conc. Stpg. Blk. on R.
El. 590.74

B.M. - Sta. 251+76
Sp. in Ash on R.
El. 587.20

B.M. Sta. 261+09
Sp in Tel. P. on L
El. 584.80

B.M. Sta. 269+10
N.W./c Culv. Headwall - L
El. - 587.85

