K7014

FED. RD. DIST. NO.	STATE	PROJECT	FISCAL YEAR
10	OHIO		1942

1 / 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pt.

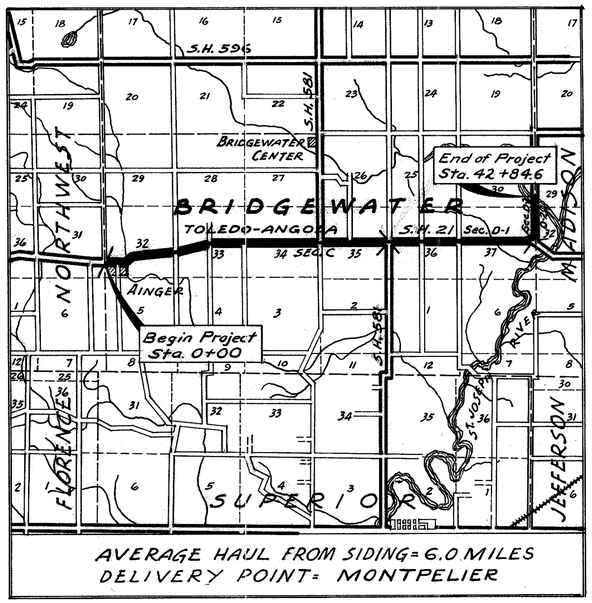
STATE OF OHIO
DEPARTMENT OF HIGHWAYS

TOLEDO — ANGOLA ROAD
S. H. 21 SEC. C, D-1 & D-2 (Pt.)
WILLIAMS COUNTY
BRIDGEWATER & MADISON TOWNSHIPS
NET LENGTH OF PROJECT 35,639.85 LIN. FT. OR 6.749 MILES

CONVENTIONAL SIGNS

COUNTY LINE
TOWNSHIP LINE
SECTION LINE
CORPORATION LINE
PROPERTY LINE
FENCE LINE
CENTER LINE
STEAM RAILROAD
POLE LINE (Telephone) (Electric)
HEDGE
DRAIN PIPE (NEW)
DRAIN PIPE (OLD)
GUARD RAIL (NEW)

INDEX OF SHEETS



LOCATION PLAN
Scale 1" = 1 Mile

PORTION TO BE IMPROVED
STATE HIGHWAYS
OTHER ROADS

LINE DATA

Beginning of Project and of Sec. "C" = Sta. 0+00 End of Sec. "C" = Sta. 213+34.75
Gross Length of Sec. "C" = 21334.75 Lin. Ft. Deductions — None.
Additions — Sta. 26+70.90 on ℄ Pav't. = Sta. 26+57.60 (ahead)
Sta. 69+24.34 on ℄ Pav't. = Sta. 69+21.34 (ahead)
Sta. 95+56.59 on ℄ Pav't. = Sta. 95+47.89 (ahead)
} Total additions = 25.00 Lin. Ft.
Net Length Sec. "C" = 21334.75 + 25.00 = 21359.75 Lin. Ft.
Begin Sec. "D-1," Sta 0+00 (on Sheet 22). End Sec. "D-1", Sta. 99+95.5 (on Sheet 26)
Gross Length, Sec. "D-1" = Net Length = 9995.5 Lin. Ft.
Begin Sec. "D-2(Pt.), Sta 0+00 (on Sheet 26). End of Sec. "D-2(Pt) and of Project, Sta. 42+84.60
Gross Length Sec. "D-2" (Pt.) = to Net Length = 4284.6 Lin. Ft.
Net Length of Project = 21,359.75 + 9,995.5 + 4,284.6 =
35,639.85 Lin. Ft. or 6.749 Miles

SCALES

PLAN	1" = 50' & 100'
PROFILE HORIZONTAL	1" = 50' & 100'
PROFILE VERTICAL	1" = 5' & 10'

The Standard Specifications of the State of Ohio Department of Highways, including changes and Supplemental Specifications listed in the proposal shall govern this improvement.

I hereby approve these plans and declare that the making of this improvement will not require the closing to traffic of the highway and that provisions for maintenance and safety of traffic will be as shown on the plans and estimates.

The right of way necessary for this improvement will be provided by the State of Ohio

Approved: T. C. Adams
Date: 4-22-42 Resident Division Deputy Director.

Approved: _____
Date: _____ Chief Engineer, Bureau of Maintenance.

Approved: _____
Date: _____ Chief Engineer, Bureau of Bridges & R.R. Crossings.

Approved: Murray D. Slaff
Date: 5-6-42 Chief Engineer, Bureau of Location & Right-of-Way.

Approved: J. R. Sloane
Date: 5-6-42 First Asst. Director & Chief Engineer.

Approved: H. G. Shaw
Date: 5-6-42 Director of Highways.

CONSTRUCTION BUREAU
JUL 21 1955
GROUND PHOTOLAB

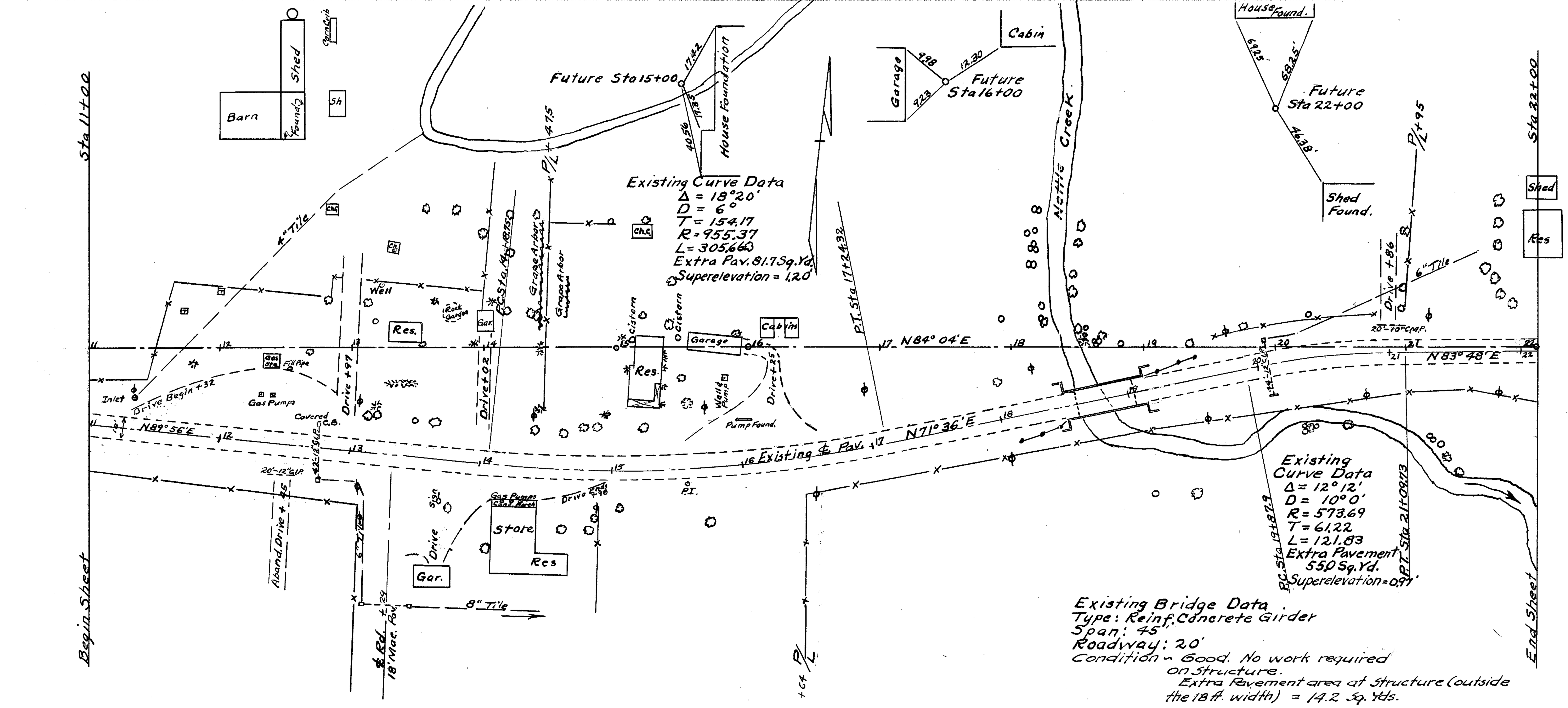
STANDARD DRAWINGS			
G-7.07	10-1933		

SUPPLEMENTAL SPECIFICATIONS
NONE

FILE No.
WILLIAMS COUNTY S.H. 21 SEC. C, D-1 & D-2 Pt. DATE OF LETTING ——— 194— CONTRACT No. ———


10 OHIO 1942 3 28
WILLIAMS COUNTY
S.H.21 SEC. C,D-1&D-2 Pt.
Future Curve Data
Δ = 6°18' Lt.
D = 0°44'
R = 7813.11
T = 429.95
L = 859.13
E = 11.82
Sta. 5+06.29 P.I.
Δ = 6°18' Lt.
Sp. in 15" Hickory
Sp. in 30" Apple
House Found.
Sta 0+00
Sp. in 18" Hickory
Near Side Conc. Anc. Post
Conc. Hdwl.
Sta -1+50
SLM 6.08
Sta 0+00 1/8 Gravel Road
P.C. Sta 0+76.33
Sta 9+35.46 P.T.
Sta 11+00
End Sheet
9 Future ℄ 10 N84°04'
S89°38'E
7 Existing ℄ 8 N89°56'E
TYPICAL SECTION OF ADJOINING PAVEMENT
9"-7" — 7"-9" CONCRETE
4:1 Slope
3/4" Per Ft.
Res.
Drive +80
Gar.
Barn
Begin Sheet
Begin Project & Sec. "C"
Sta 0+00
BM. Sta 4+18
Spk. 18" Hickory 64' Rt.
Elev. 929.18
Note: New profile shall be approximately 4" above existing profile
925
920
915
910
Profile of Existing Pav.
926.68
926.95
927.23
927.55
927.83
928.18
928.47
928.62
928.31
926.69
924.38
922.00
919.76
917.47
915.55
914.43
0
1
2
3
4
5
6
7
8
9
10
11

WILLIAMS COUNTY
S.H.21 SEC. C,D-1&D-2Pt.



FED. RD. DIV. NO.	STATE	PROJECT	REPORT YEAR	
10	OHIO		1942	5 / 28

WILLIAMS COUNTY
SH 21 SEC. C, D-14 D-2 Pt.

Sta 22+00

Shed

Res.

Drive +33

Chicken Coop

Drive +41

28'-10"C.M.P.

28'-10"C.M.P.

6" Tile

Station Equation
Sta 26+70.9 Existing Pav. ℄
Sta 26+57.6 Future Const. ℄
Add 13.3 Lin. Ft.

6" Tile

Sta 33+00

22 | 23 N 83° 48' E | 24 | 25 | 26 | 27 N 84° 04' E | 28 Existing ℄ Pav. | 29 | 30 | 31 | 32 | 33

28'-10"C.M.P.

28'-9"C.M.P.

6" Tile

Shed

Drive +72

Drive +28

Barn

+30

6" Tile

Sta 26+57.6
Δ = 0°16' Rt.

P/L +57.6

Drive +98

Res.

Gar.

Drive +37

6" Tile

Begin Sheet

End Sheet

BM. Sta 23+37
Spk 12" Cot. Wood 78' Lt.
Elev. 912.77.

BM. Sta. 30+25
Spk. 12" Walnut 76' Rt.
Elev. 919.34

Note: New Profile shall be approximately 4" above Existing Profile.

920
915
910

Profile of Pav.

22	23	24	25	26	27	28	29	30	31	32	33
910.56	910.86	911.24	911.57	911.91	912.35	912.65	912.91	913.25	913.65	914.07	914.42
914.73	915.12	915.47	915.77	916.08	916.32	916.56	916.82	917.00	917.32	917.65	

				6
10	OHIO		1942	28

WILLIAMS COUNTY
S.H 21 SEC. C,D-1&D-2 Pt.

Sta 33+00

Sta 35+66
46.85
28.8
Shiner T. Pole
Spin 36" Elm

P.I. Sta 37+77.5

Shiner 5" Apple
Near Side S. Post Sohio Sign
Gas Station
92.5'
62.72
58.89
Future Sta 42+74.58 P.I.
Δ = 1°17' Rt.

Sta 44+00

6" Tile

Grape Arbor
Cistern
Fill Pipes
Gravel Roadway
Drive ± 80

33 34 N84°04'E 35 36 37 38 Existing ℄ 39 40 N84°30'E 41 42 43 44

Sta 39+78.5
Δ = 0°26' Rt

P.C. Sta 37+93.32

6" Tile

Future Curve Data
Δ = 1°17' Rt.
D = 0°08'
R = 42,971.8
T = 481.28
L = 962.50
E = 2.70

Begin Sheet

End Sheet

BM. Sta. 35+78
Spk. 36" Elm 26' Rt.
Elev. 921.37

Note: New Profile shall be approximately 4" above Existing Profile.

920
915

Profile of Existing Pav.

33	34	35	36	37	38	39	40	41	42	43	44
917.65	918.00	918.39	918.77	919.12	919.33	919.37	919.17	918.78	918.28	917.78	917.34	916.85	916.43	915.93	915.45	915.01	914.70	914.74	914.88	915.33	915.61	915.61

SEC. NO.	STATE	PROJECT	SHEET NO.
10	OHIO	1942	7 / 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 PH.

Sta 44+00

Barn

Res.

Drive +69
20'-10"SMP.

4" Tile

6" Tile

Sta 55+00

6" Gal. 14' Gravel P/L Surface +02.32

School

Well

N85°21'E

44 45 46 47 48 Existing ℄ 49 50 51 52 53 54 55

Sta 44+34
Δ = 0°51'Rt

Begin Sheet

6" Tile

Future P.T. Sta 47+55.8

6" Gal. 14' Gravel Surface

+02.32 P/L

End Sheet

BM. Sta. 44+23
Spk. 12" Pear Tree 66' Rt
Elev. 919.77

BM. Sta. 53+46
SW. Cor. conc. porch floor on left
Elev. 916.72.

Note: New Profile shall be approximately 4" above Existing Profile.

915
910

Profile of Existing Pav.

44	45	46	47	48	49	50	51	52	53	54	55
915.61	915.07	914.45	913.85	912.85	912.18	911.80	911.63	911.62	911.66	911.71	911.79	911.84	911.96	912.20	912.55	912.91	913.25	913.36	913.31	913.13	912.93	912.78

				8
10	OHIO		1942	28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pt.

Sp. in 15" Hickory
Sp. in 18" Hickory
101.0'
104.03'
80.90'
Sta 58+46.34 P.C.
Sh. in S. Gate Post
Sta 58+46.34 P.C.
Sta 55+00
P.I. 22 Lt
4" Tile
Drive +09
+21
18'-8"C.M.P.
Fence
Sta 58+46.34 P.C.
Drive +50
Gar.
Ch.C.
Shed
Ch.C.
Smokeh.
Sh.
Water Well
Res.
Sta 62+05.8
Drive +54
Future Sta 63+86.68 P.I
Δ = 14°20' Lt
330'
150'
740'
Sh. in T. Pole
Sh. in Fence Post
Sh. in T. Pole
Existing Curve Data
Δ = 14°20'
D = 4°00'
T = 180.56
R = 1432.69
L = 359.19
Superelevation = 0.8%
Future Curve Data
Δ = 14°20' Lt.
D = 1°20'
R = 4297.28
T = 540.34
L = 1075.00
E = 33.84
12" Tile
18" Pipe
Sta 65+64.1 P.T.
Sta 66+00
55
56
57 N85°21'E
58
59
60
61
62
63 Existing ℄
64
65
66 Future ℄
28'-10°C.M.P.
20'-8"C.M.P.
66'-8"C.M.P.
28'-10°C.M.P.
Drive +84
Barn
Barn
Water Tank
Drive +30
+13
+32
Begin Sheet
4" Tile
Data on Exist. Struc.
Sta 65+65.3
Conc. Box Culvert
Condition - Fair
Span 6'
Rdwy 30'
Ht. 5.3'
Open Ditch
End Sheet

BM. Sta 59+25
Spk. 20" Hickory 34' Lt.
Elev. 916.48

BM. Sta 65+23
Spk. 2nd Fence Post on Rt.
Elev. 904.60

Note: New Profile shall be approximately 4" above Existing Profile.

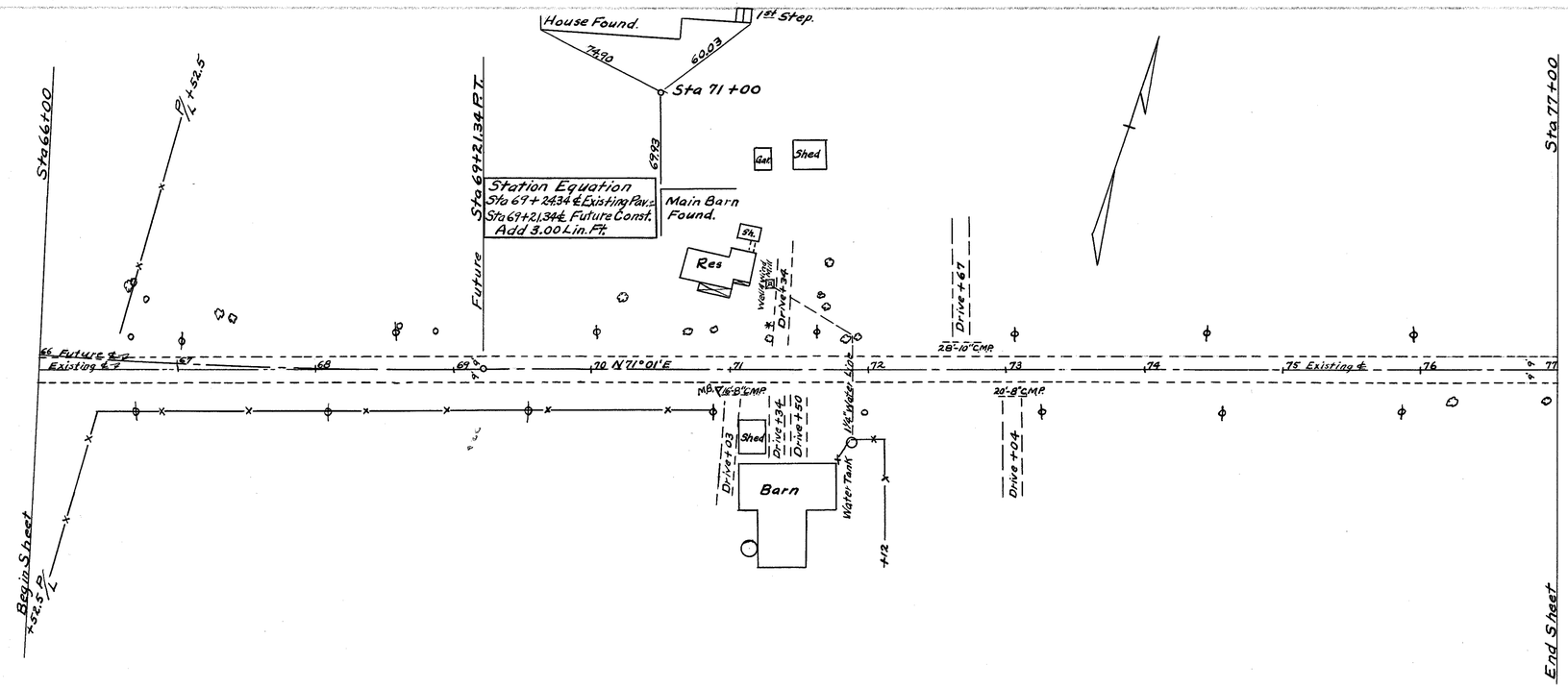
915
910
905

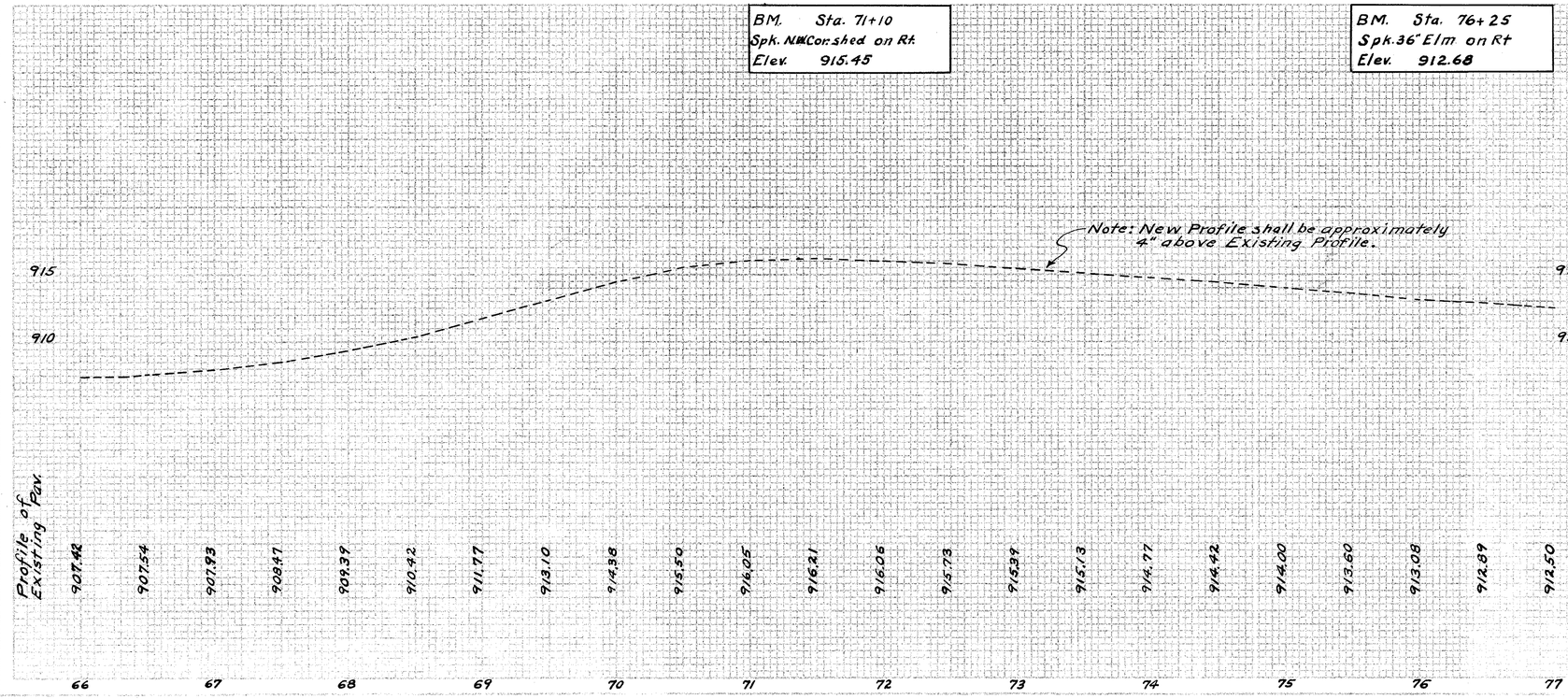
Profile of Existing Pav.

55		56		57		58		59		60		61		62		63		64		65	+64	66
912.78	912.72	912.91	913.34	914.02	914.56	914.88	914.91	914.75	914.35	913.77	913.05	912.38	911.69	911.19	909.68	907.93	906.86	907.23	907.42		

				9
10	OHIO		1942	28

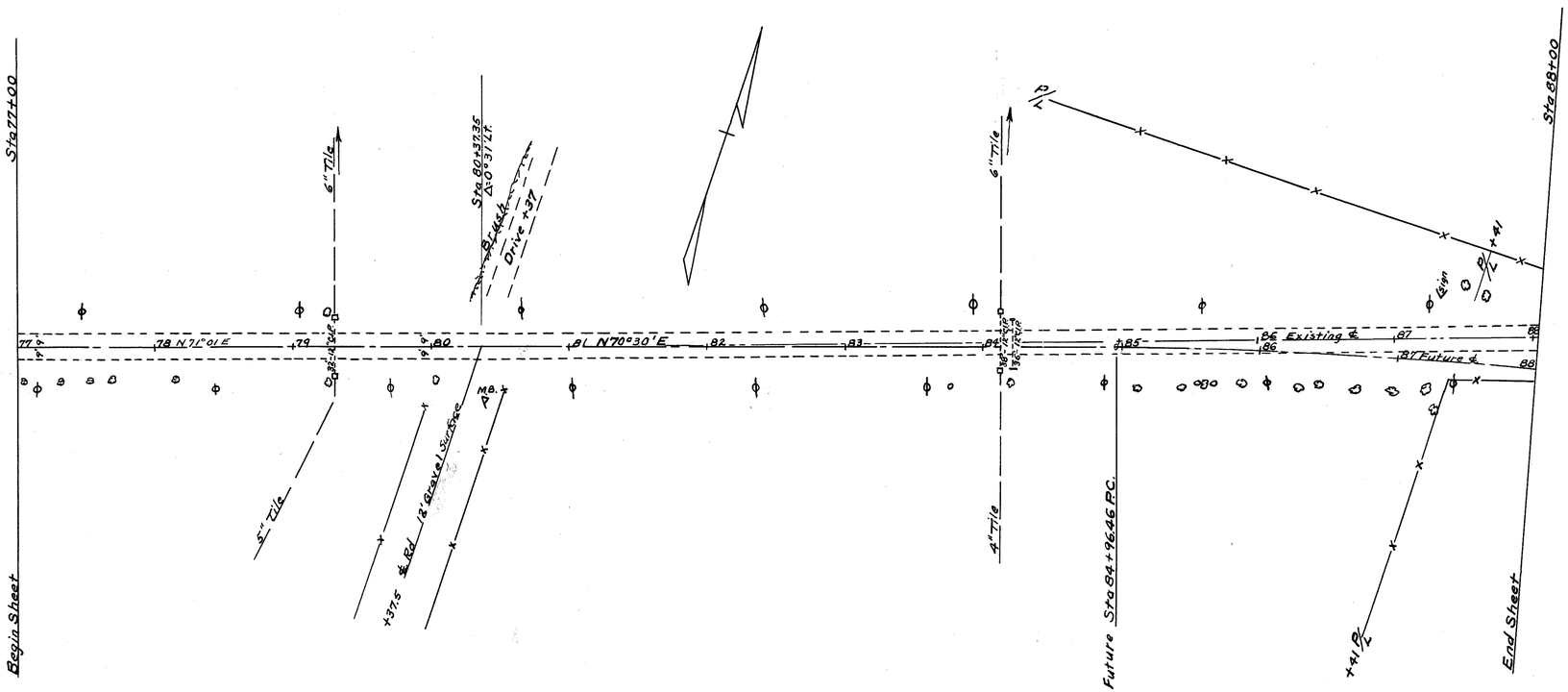
WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 PI.



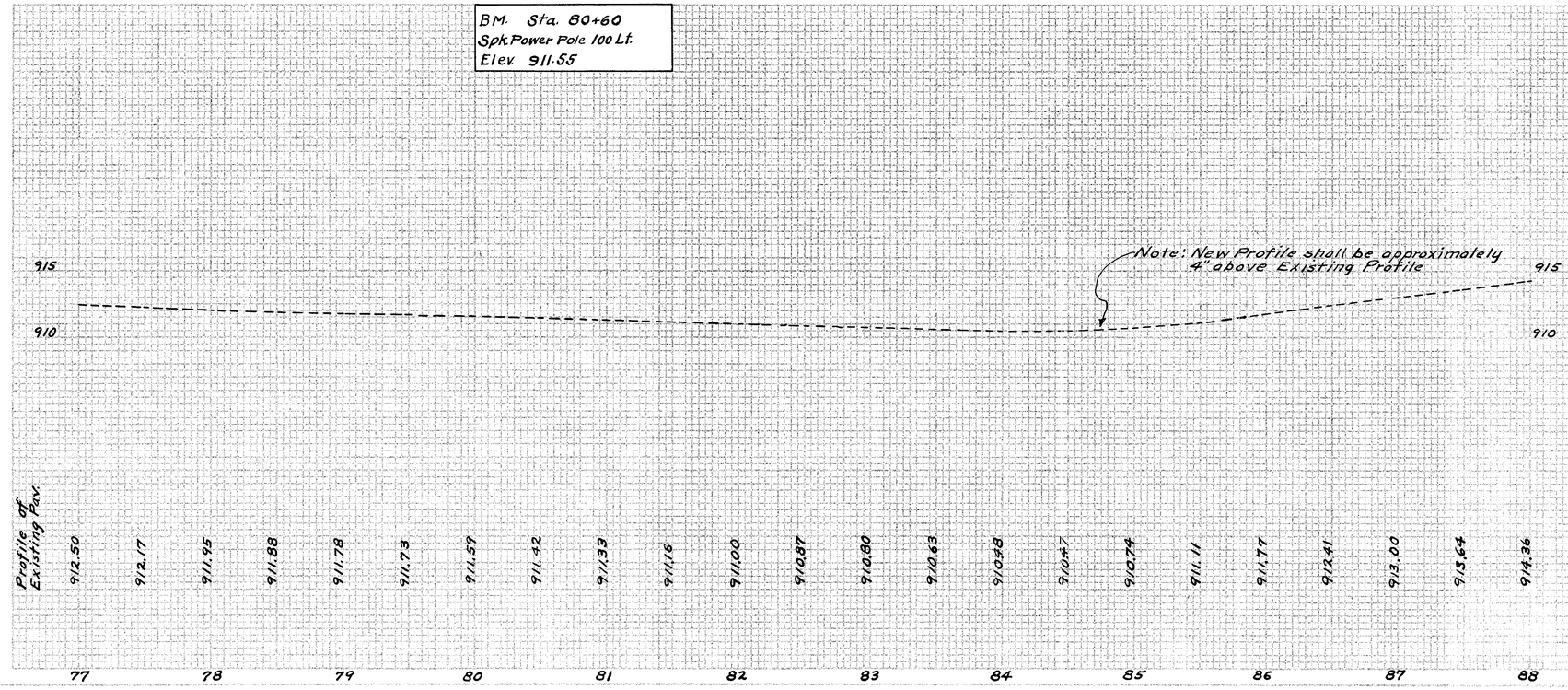


REG. NO. DIST. NO.	STATE	PROJECT	YEAR	SHEET NO.
10	OHIO		1942	10 / 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 PK.



BM. Sta. 80+60
Spk. Power Pole 100 Lt.
Elev. 911.55



SEC. NO. DIST. NO.	CNTY.	ROUTE	SEC'N	SHEET NO.
10	0H10	1942		11 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pt.

Barn
Gar.
Res
Shed
Sta 88+00
Drive +12
24"-8"CMP.
+04
+91
Sta 99+00
Existing ℄
Future ℄
N89°25'E
Existing ℄
24"-8"CMP.
RCB.
5" Tile
Res.
Drive +42
+26
Gas Well
Shed
Chicken Coop
Concrete Cover
Barn
Sta 91+33.7 P.T.
Sta 88+46.16 P.C.
Begin Sheet
Future Sta 95+47.89 P.T.
End Sheet

Existing Curve Data
Δ = 18°55'
D = 7°00'
T = 136.36
R = 819.02
L = 270.24
Extra Pavement
84.1 Sq. Yd.
Superelevation = 1.23'

Future Curve Data
Δ = 18°24' Rt.
D = 1°45'
T = 530.28
L = 1051.43
R = 3274.17
E = 42.67

House Found.
Sh. in 36" Maple
Sp. in 30" Maple
35.42
32.85
93.1'
Sta 90+26.74 P.I.
Δ = 18°24' Rt.

Station Equation
Sta 95+56.59 ℄ Existing Pav.
Sta 95+47.89 ℄ Future Const.
Add 8.70 Lin. Ft.

BM. Sta. 89+91
Spk. Hollow Maple on Lt.
Elev. 917.54

Note: New Profile shall be approximately 4" above Existing Profile.

915
910
905

Profile of Existing Pav.

88	89	90	91	92	93	94	95	96	97	98	99
914.36	915.69	916.04	916.06	915.69	914.98	914.30	913.63	912.77	911.85	911.00	910.14	909.40	908.75	908.30	907.85	907.48	907.03

SEC. NO.	STATE	PROJECT	YEAR	SHEET NO.
10	OHIO		1942	12 28

WILLIAMS COUNTY
S.H 21 SEC. C, D-1 & D-2 Pt.

Existing △ = 0°5' Rt.
Sta 107+39 P.I
△ 0°10 Rt. Future Const.

Sh. in T. Pole — 53.0' — Hub — 53.0' — Sh. in 3rd Fence Post — 92.0'

Sta 99+00 — Begin Sheet

Sta 110+00 — End Sheet

℄ 64 + 70 ℄

6" Tile

4" Tile

5" Tile

99 100 N89°25'E 101 102 103 104 Existing ℄ 105 106 107 108 N89°30'E 109 110

Sta 106+76.50 Pt. Future

Future Curve Data
△ = 0°10' Rt.
D = 0°08'
R = 42,971.8
T = 62.50
L = 125.00
E = 0.05

+39 ℄ Rd. to gravel

Sta 108+01.50 PT.

Future

Drive +74

Barn

Shed

Shed

BM. Sta. 100+68
Spk. 12" Elm on Rt.
Elev. 906.80.

BM. Sta 108+37
Spk. N.W. Cor Barn on Rt.
Elev. 906.52.

Note: New Profile shall be approximately 4" above Existing Profile.

Profile of Existing Pav.

99	100	101	102	103	104	105	106	107	108	109	110
907.03	906.64	906.31	906.12	905.90	905.72	905.53	905.33	905.16	905.07	904.73	904.93	904.83	904.80	904.76	904.68	904.63	904.55	904.50	904.45	904.38	904.38	904.18

910 — 905

STA. NO.	STATE	PROJECT	YEAR	SHEET NO.
10	OHIO		1942	13 27

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 PT.

Sta 110+00

Begin Sheet

Drive +85'

2" T/L

30"-10" CMP.

110 111 112 113 114 115 116 Existing ℄ 117 118 N89°30'E 119 120 121

BM.

Sign

+52

+94 P/L

Res

Well Sh. & Windmill

7" T/L

36"-24" CMP.

24"-18" CMP.

22"-8" CMP.

Drive +36

Shed

Shed

Barn

Res.

4" T/L

Raspberry

+54 P/L

Sta 121+00

5" T/L

End Sheet

Future Sta 120+54

95.3'

55.78

27.98

Sh. in 9" Peach Sh. in 4" Peach

Sh. in 2nd Post

BM. Sta 117.98
Spk. 10" Tri. Pear on Rt.
Elev. 903.28.

Note: New Profile shall be approximately 4." above Existing Profile.

905

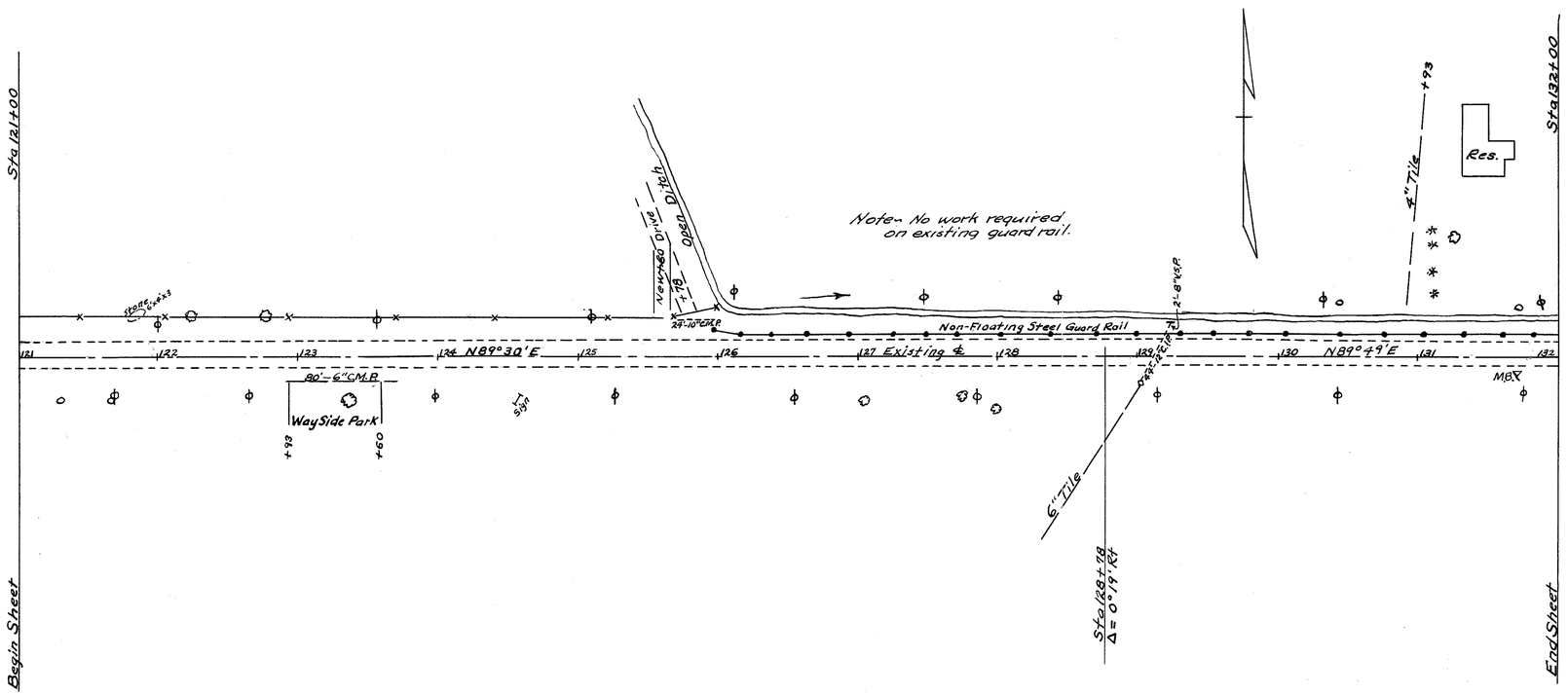
900

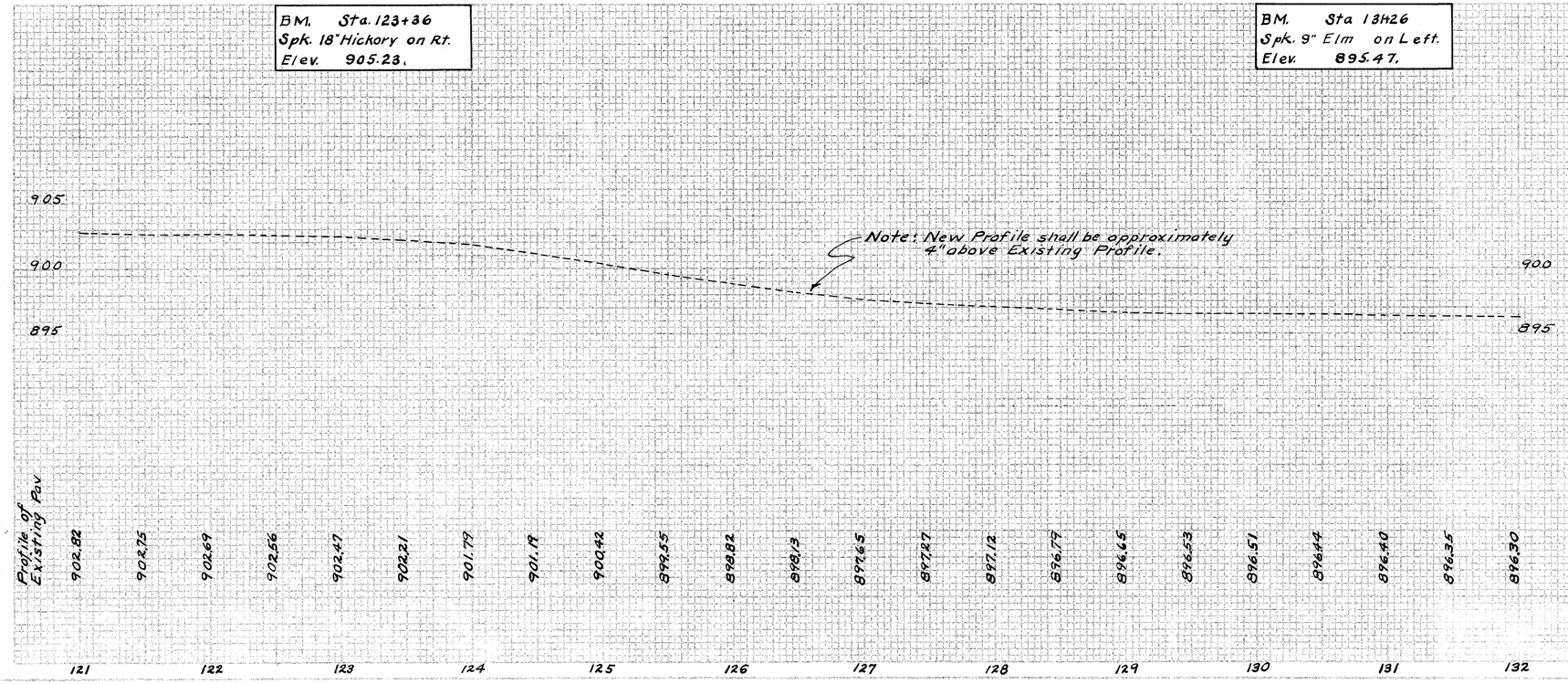
Profile of Existing Pav.

110	111	112	113	114	115	116	117	118	119	120	121
904.18	903.94	903.71	903.42	903.04	902.50	902.06	901.59	901.35	901.12	901.12	901.14	901.39	901.67	901.89	902.21	902.58	902.88	902.97	902.96	902.94	902.82	902.82

SHEET NO.	STATE	DISTRICT	YEAR	
10	OHIO		1942	14 / 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pt.





FED. ROAD DIST. NO.	STATE	SHEET	PLAN YEAR	
10	OHIO		1942	15 / 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pt.

Barn

Data on Exist. Struc. Sta 132+11
Conc. Box Culvert
10" Reinf. Conc. Slab
8" App. Slab
14.6' Rdwy
10' Span
Condition: Fair

Near Side 2nd Steel Post
Sh. in 7" Apple
Sh. in 30" Walnut
65.3°
86.8°
106.0'
Future Sta 137+089 P.I.
Δ = 0°02' Rt.

Data on Exist. Struc. Sta 141+09
Conc. Slab Bridge
With Steel Rail
Rdwy 11.5
Span 10.5'
11" Reinf. Conc. Slab
Condition Fair

Sta 132+00
Sta 143+00
Begin Sheet
End Sheet
Sta 132+09.3 Δ = 0°05' Lt.
Sta 137+09.1 Δ = 0°12' Rt.
Drive +11
Drive +19
Drive +50
Drive +61
Drive +63
Drive +79
Drive +84
Drive +89
12" Tile
4" Tile
6" Tile
Shrubs
Co. Ditch
Non-Floating Steel Guard Rail
N89°44'E
N89°56'E
132 133 134 135 136 137 138 139 140 141 142 143
Stone 4' Dia.
20-12" CMP
M.B.
Aband. Pump Isle
Res
Drive Ends +70

BM. Sta. 141+85
3 pk. Power Pole on Rt.
Elev. 894.54

Note: New Profile shall be approximately 4" above Existing Profile.

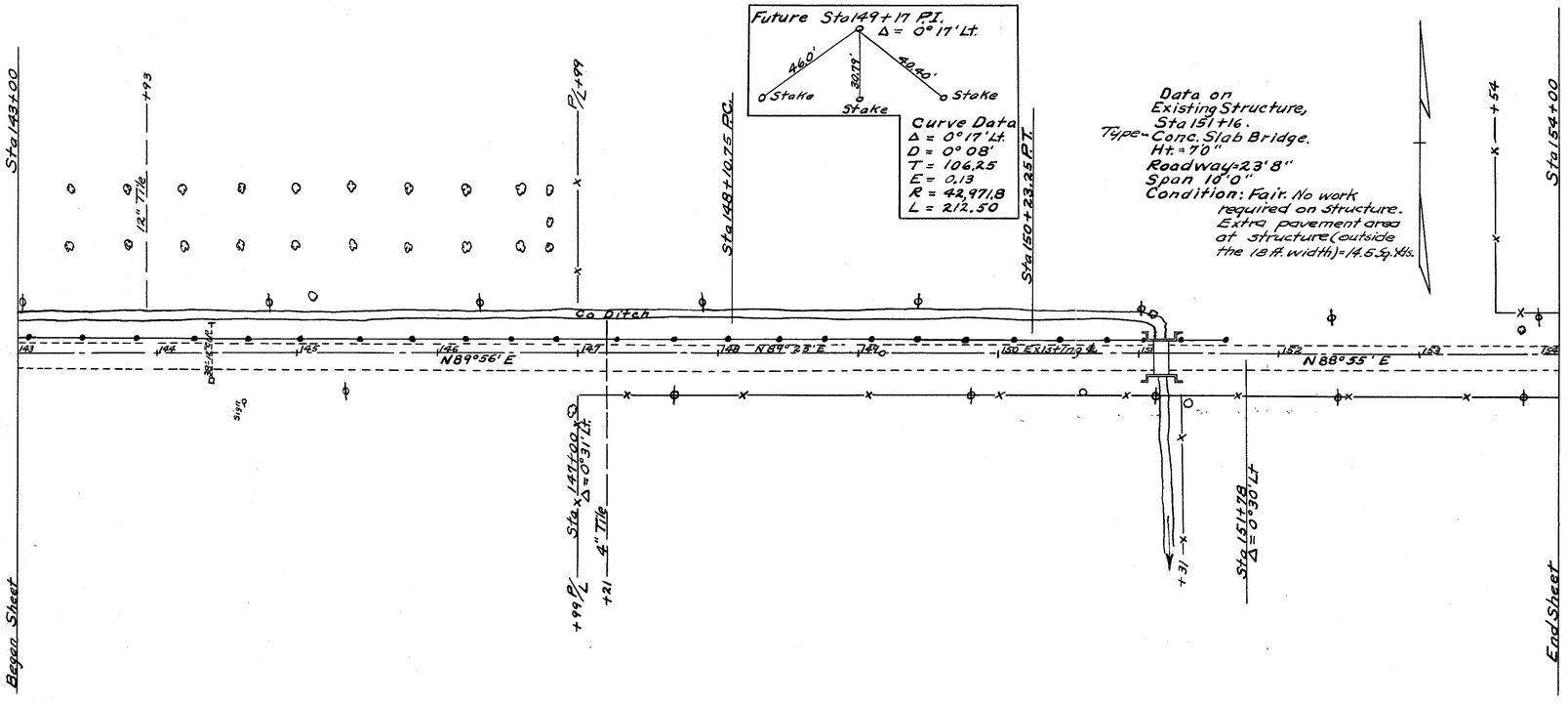
900
895

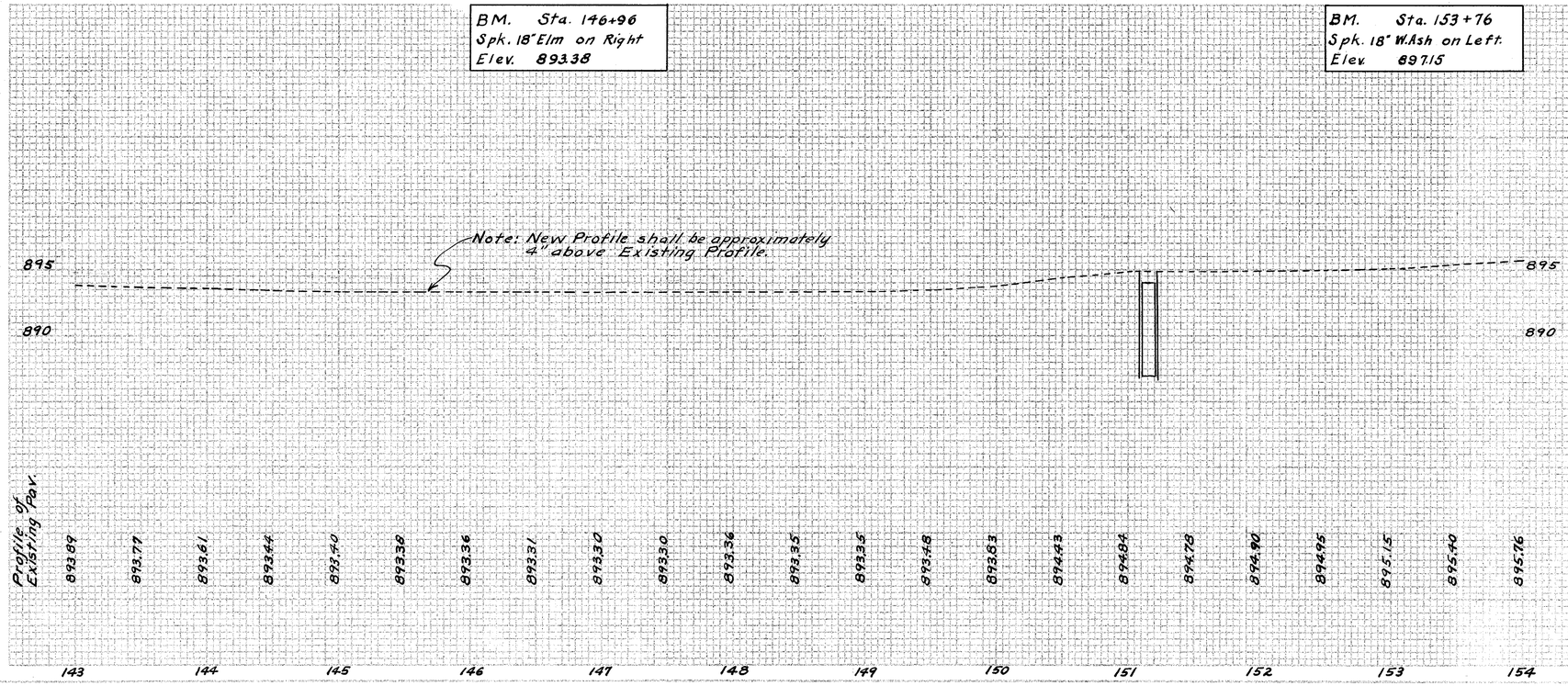
Profile of Existing Pav.

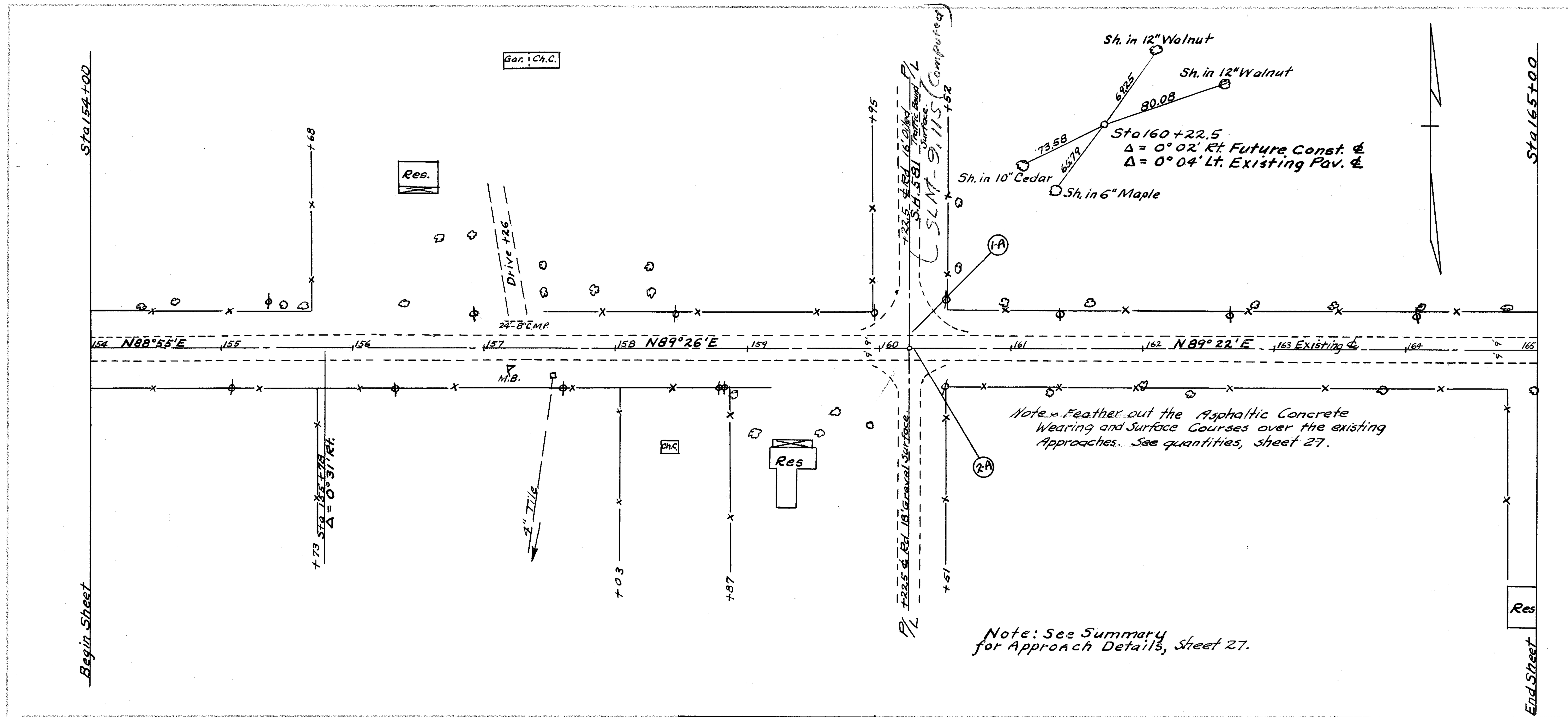
132	133	134	135	136	137	138	139	140	141	142	143
896.30	896.24	896.21	896.15	896.11	896.04	895.97	895.92	895.84	895.77	895.74	895.5	895.56	895.37	895.21	895.02	894.82	894.60	894.48	894.30	894.23	894.03	893.89

SHEET NO.	STATE	PROJECT	FISCAL YEAR	
	10 OHIO		1942	16 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 PT.

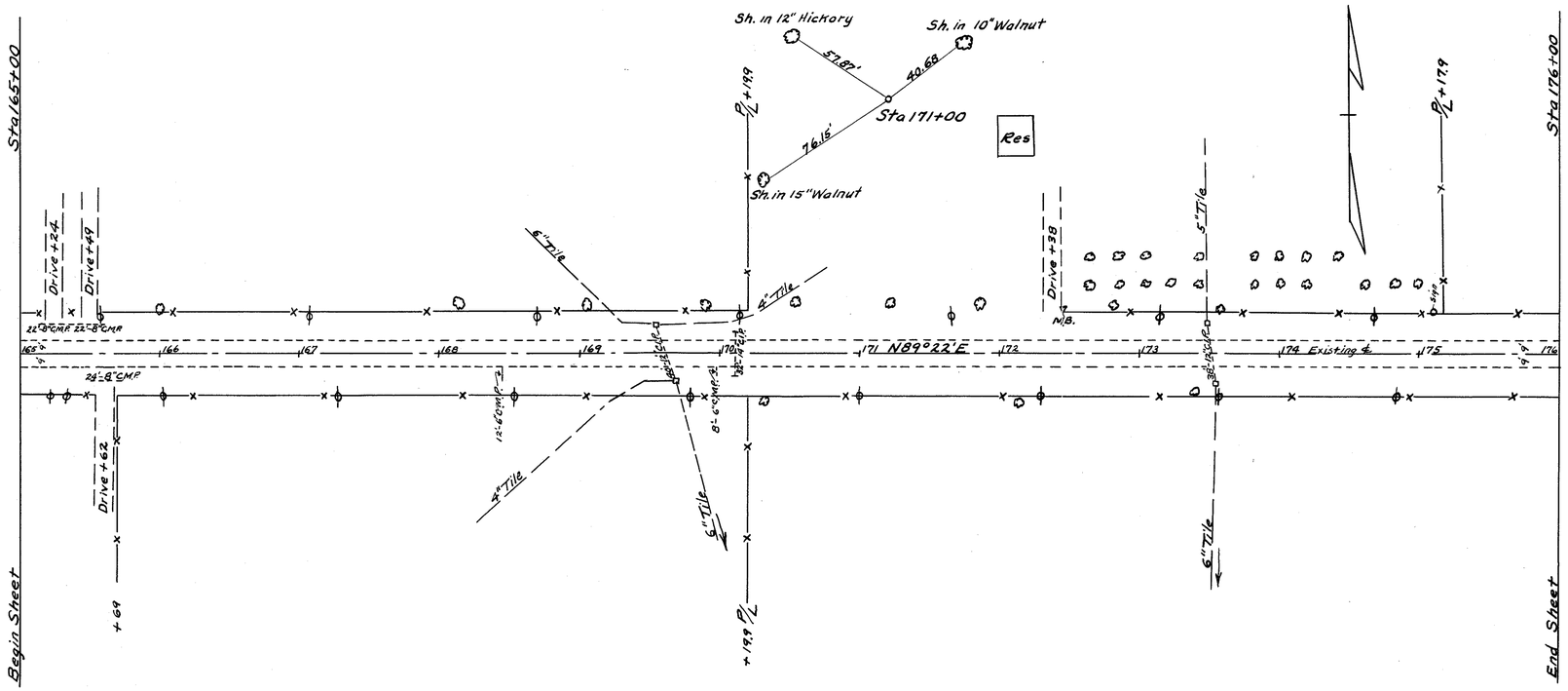


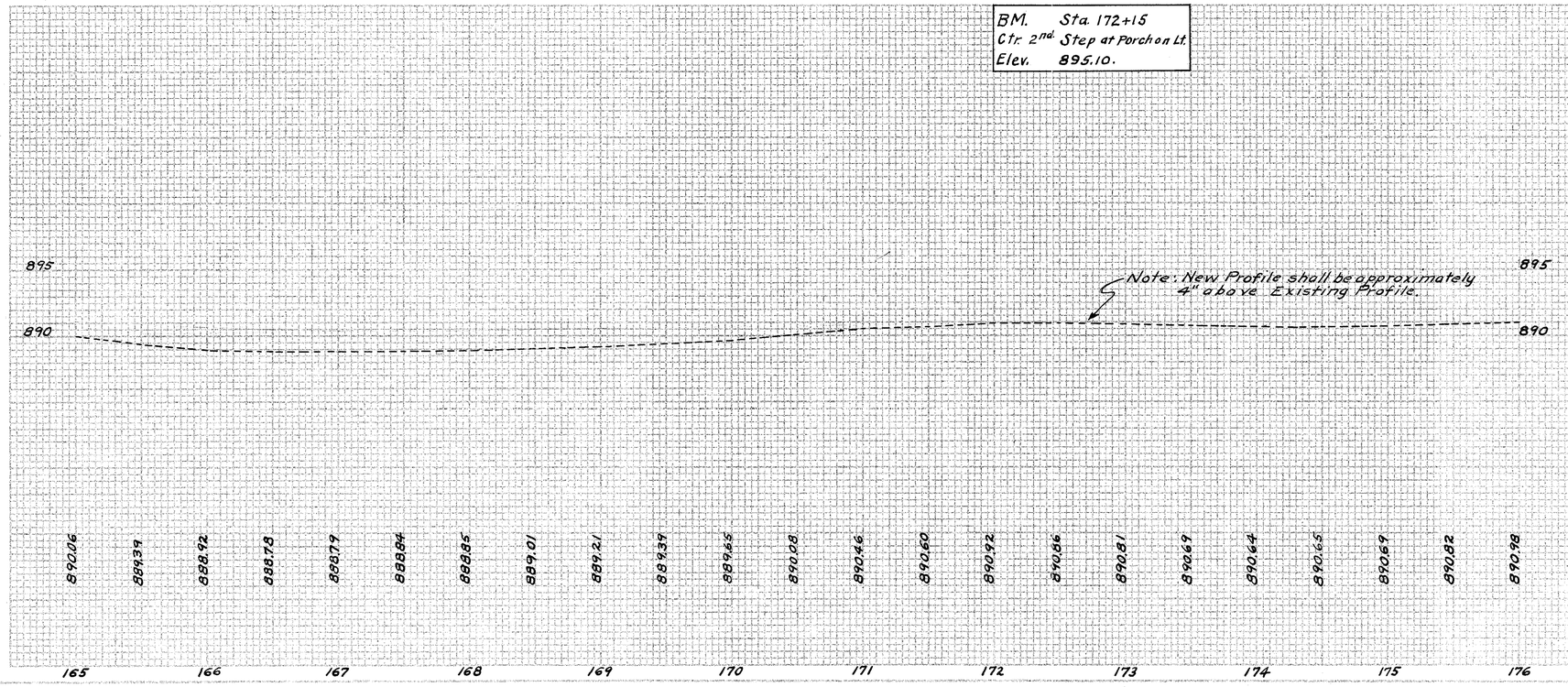




FED. NO.	STATE	PROJECT	FISCAL YEAR	
10	OHIO		1942	18 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1, & D-2 Pt.



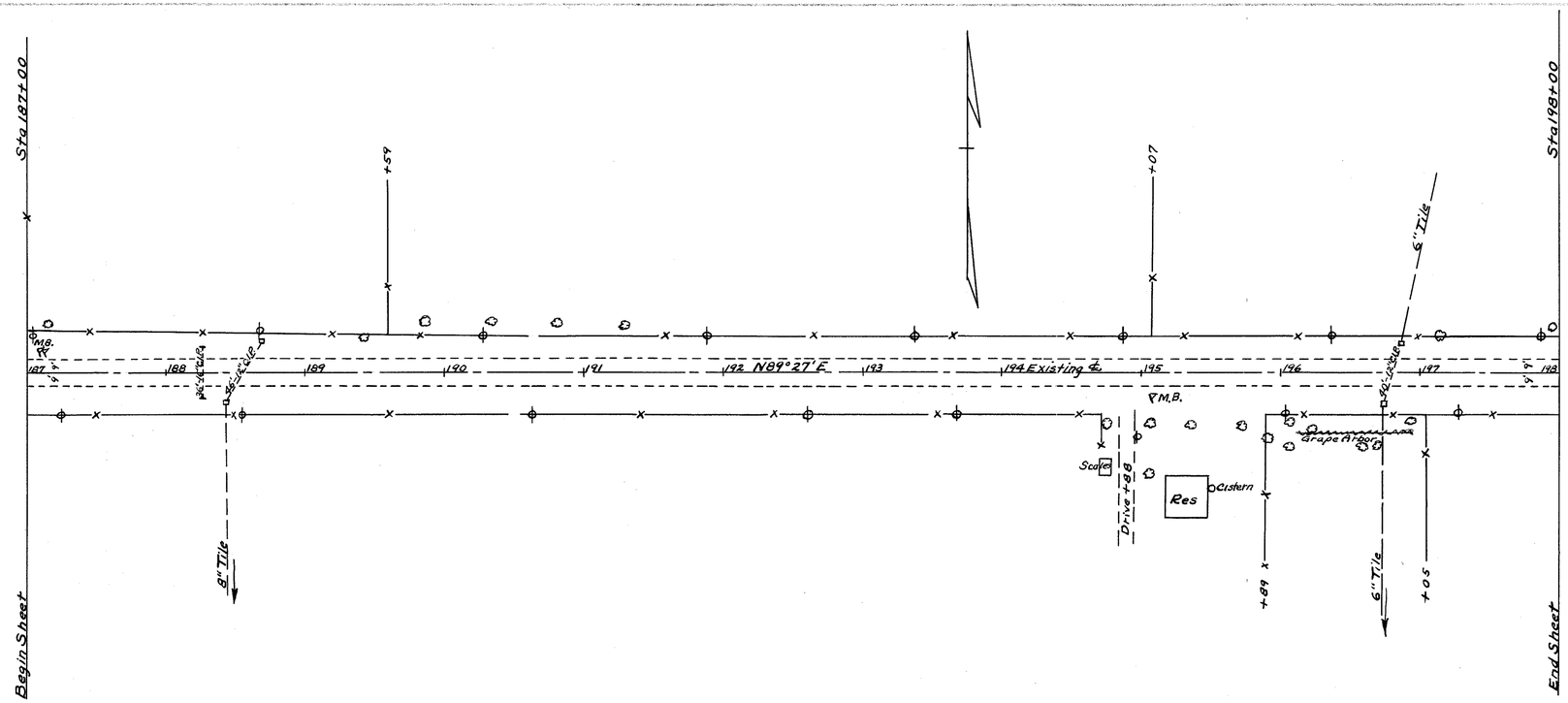


10 OHIO 1942 19 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pt.

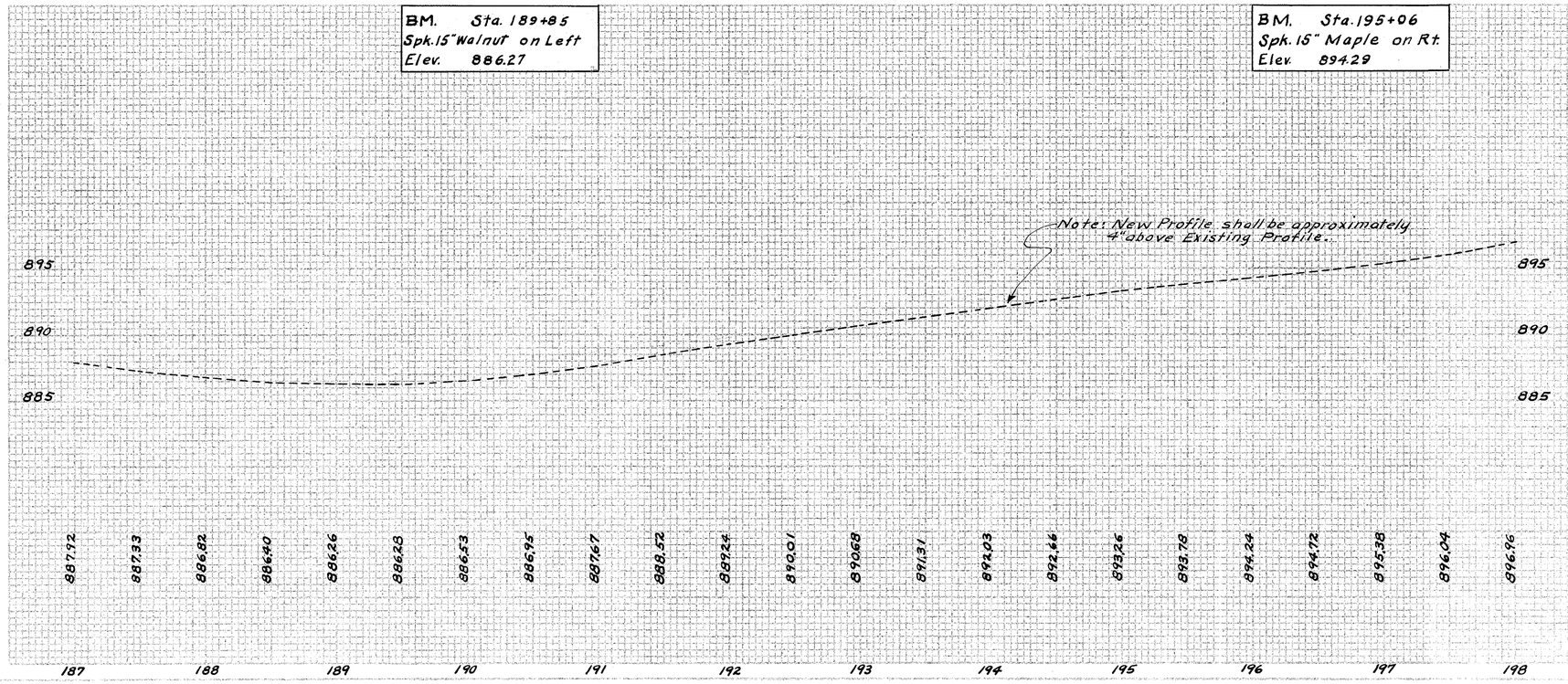
NO. RR NO. HI	STATE	PROJECT	FISCAL YEAR	
10	OHIO		1942	20 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pt.



BM. Sta. 189+85
Spk. 15" Walnut on Left
Elev. 886.27

BM. Sta. 195+06
Spk. 15" Maple on Rt.
Elev. 894.29



STA. NO.	STATE	PROJECT	TOTAL SHTS.	21
10	OHIO	1942		28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pk.

Sta 198+00

Sta 201+00

4445'

3260'

4243'

Stake Stake Stake

Sp. in 15" Walnut

36.97'

Sta 206+30 P.I
Δ = 0°04' Rt.

41.56'

Stake

50.30

St. in Rear Side Sign Post

+10

4" Tile

4" Tile

Sta 209+00

198 199 N89°27'E 200 201 202 203 N89°27'E 204 205 Existing ℄ 206 207 N89°31'E 208 209

Begin Sheet

+02.7 P/L

4" Tile

+30.5 P/L

Sign

Sign

4" Tile

End Sheet

Drive beginning Rt.

BM. Sta 206+12
Spk. 18" Walnut on Left
Elev. 906.61

Note: New Profile shall be approximately 4" above Existing Profile.

905
900
895

Profile of Existing Pav.

198	199	200	201	202	203	204	205	206	207	208	209
896.96	898.16	899.52	901.03	902.49	903.87	904.78	905.24	905.45	905.85	905.38	905.29	905.13	905.00	904.88	904.66	904.58	904.48	904.29	904.08	903.93	903.80	903.72


10 OHIO 1942 22 28
WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pt.
Station Equation ℄ Existing Pav.
Sta 213+34.75 End 18' Conc. Pav. ℄ Sec. C =
Sta 0+00 Begin 20' Conc. Pav. ℄ Sec. D-1 & D-2 (Pt.)
Sta. 209+00
Begin Sheet
Sta. 11+00
End Sheet
SLM 10.119
Res.
Rest. & Gas Sta.
State Storage Yard
Grease Rack
Cor. Gas Station
Sp. in Brace Post
Sp. in Pe. Pole
Sta. 213+34.75
Δ = 0° 13' Rt.
210 Existing ℄
211 N. 89° 31' E.
3 N. 89° 44' E.
7 Existing ℄
23.3' Conc. Pav.
6" Tile
8" Tile
5" Tile
U.S. 20S
Stone Appr.
Conc. Appr.
10' Gravel
Bit. Appr.
Retaining Wall
Pumps
Note: See Summary, sheet 27, for Quantities of Asphaltic Concrete Wearing and Surface Courses for feathering out over Approaches.
Note: B.M. Sta 214+02 {Elev. 898.39 on Survey of S.H. 21 Sec. C / Elev. 897.53 on Survey of S.H. 21 Sec. D-1
B.M. Sta. 210+20
E. End Pump Found. on Rt.
Elev. 903.15.
B.M. Sta. 214+02
+ S.E. Cor. Pump Found. on Lt.
Elev. 898.39.
Note: New Profile shall be approximately 4" above Existing Profile on Sec. "C."
New Profile shall be approximately 4" or 2" above Existing Profile on Sec. D-1 & D-2 (Pt.), See Typical Sections.
Elevation Equation
Sta 213+34.75 Elev. 898.42 Sec. C =
Sta 0+00 Elev. 897.47 Sec. D-1 ℄ Existing Pav.
905
900
895
903.72
903.59
903.44
903.10
902.48
901.53
900.40
899.47
898.79
898.42
897.47
896.79
896.32
896.28
896.67
897.27
897.87
898.22
898.07
897.67
897.27
897.13
209
210
211
212
213
+34.75
0
1
2
3
4
5
6
7
8
9
10
11

SHEET NO.	STATE	PROJECT	FISCAL YEAR	
10	OHIO		1942	23 / 28

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 P+

Sta 11+00 — Begin Sheet

Sta 27+00 — End Sheet

2"x2" Stake — 40.4' — 2"x2" Stake — 39.3'
Sta 17+02 Δ = 0°00'
43.9' — 2"x2" Stake — 42.4' — 2"x2" Stake

Barn — Wind Mill — Res — Res — Res — Wind Mill — School

Drive +96 — 24"-10" CMP — 4" Tile — 6" Tile — 3" Tile — 3" Tile

Drive +142 — 24"-10" CMP — Drive +179 — 24"-10" CMP — Drive +12 — 24"-10" CMP

Gas Stat. — Rest. — Conc. Drive — 2-Pumps

Note: Feather out the Asphaltic Concrete Surface Courses over the existing Approaches. See quantities, Sheet 27.

Note: See Summary for Approach Details

R/W → — R/W ←

Existing ℄ — N89°44'E — Existing ℄

30' — 10' 10' — 30' — 30' — 30'

11 — 12 — 13 — 14 — 15 — 16 — 17 — 18 — 19 — 20 — 21 — 22 — 23 — 24 — 25 — 26 — 27

9-A — 9-A

℄ Road = Gravel Surface

2"x2" Stake — 38.5' — 2"x2" Stake — 37.9'
Stone Sta 26+39 Δ = 0°00'
34.7' — 2"x2" Stake — 34.5' — 2"x2" Stake

+18 ℄ — +20 — +80 — +113 — +139 — +38 ℄ — +39

B.M. Sta 13+18
Spk. in N. Side Thorn Apple
Near P.L., 51 Rt.
Elev. 897.97

B.M. Sta 19+88
Spk. in N. Side 24" Maple
in Yard 32 Rt.
Elev. 903.78

B.M. Sta 26+70
+ on Conc. Base Clothes
Line Post 59 Lt.
Elev. 886.35

Note: New Profile shall be approximately 4" or 2" above Existing Profile.

900
895
890

Profile of Ex. Rd.

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
891.13	897.52	898.11	898.82	899.41	900.12	900.71	901.09	900.75	899.74	898.07	896.07	894.07	892.37	891.27	890.86	891.22

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pt.

FED. ROAD DIST. NO.	STATE	PROJECT	FISCAL YEAR	SHEET NO.
10	OHIO		1942	25 28

WILLIAMS COUNTY
S.H. 21 SECS. C, D-1 & D-2 (PT.)

Sta. 59+00

Begin Sheet

Sta. 91+00

End Sheet

Nail 2"x2" Oak Stake
Nail 2"x2" Oak Stake
Sta. 72+73.7 Stone
Nail 2"x2" Oak Stake
Nail 2"x2" Oak Stake
Board Fence

P/L.

R/W

N. 89° 37' E

N. 89° 34' E

22'-10" C.M.P.

12" & 18" Field Tile

Shed

Existing

Profile of Existing Pav.

Note: New Profile shall be approximately 4" or 2" above Existing Profile.

880
870
860
850

59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91

872.52 873.22 873.92 874.12 873.82 873.52 873.22 872.42 872.62 872.32 872.02 872.15 873.05 874.02 874.24 873.72 872.46 870.83 869.20 867.57 865.94 864.86 864.72 864.72 864.72 864.72 864.72 864.72 864.97 865.72 866.55 867.03 867.17 866.96

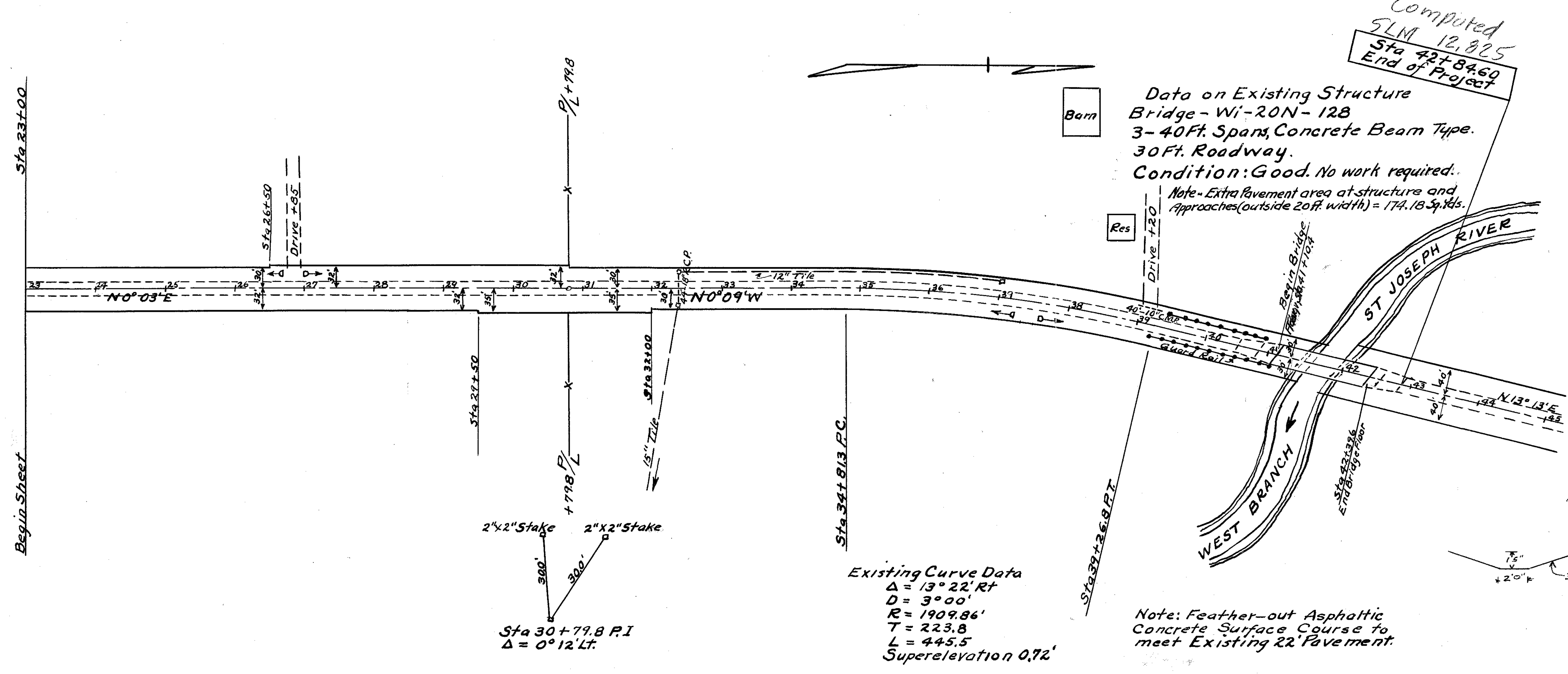
B.M. Sta. 62+50.5
Spike S. Side 24" Maple
In yard 44' Left
Elev. 875.06

B.M. Sta. 70+61
Spike S. Side 24" Oak
In yard 51.5' Left
Elev. 875.28.

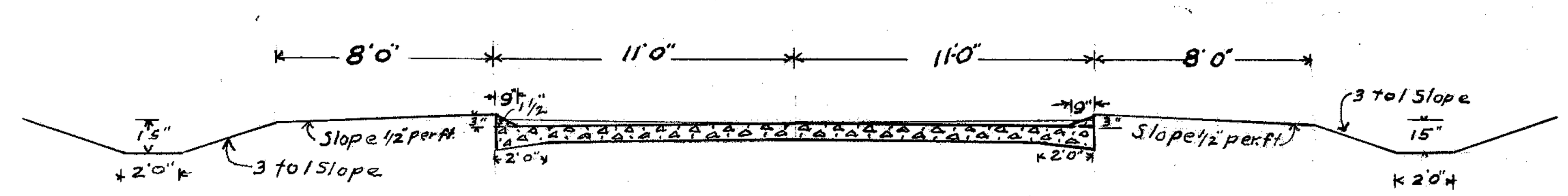
B.M. Sta. 79+09.5
Spike W. Side Root to N. 12" Maple in yard 39.5 Right
Elev. 868.85

B.M. Sta. 83+35
Spike S. Side 20" Hickory
33.5' Left
Elev. 865.48

WILLIAMS COUNTY
S.H. 21 SEC. C, D-1 & D-2 Pt.



SIDE APPROACHES ~ "A"						Estimated Volume for Approaches	
Reference No.	Station	Side	Sheet No.	Deductions for I-17 Lin. Ft.	Lin. Ft.	B-35 Cu.Yds.	T-35 Cu.Yds.
1-A	160+22.5	Lt.	17	85.0		1.00	1.50
2-A	160+22.5	Rt.	17	63.0		.75	1.00
3-A	210+44	Rt.	22	148.0		1.50	2.00
4-A	213+27.75	Rt.	22	58.0		.75	1.00
5 A	213+27.75	Lt.	22	40.0		.50	.75
Totals for Sec. "C"				394		4.50	6.25
7-A	2+94	Rt.	22		218	.75	1.00
8-A	19+80	Lt.	23		110	.25	.50
9-A	22+00	Lt.	23		100	.25	.50
6-A	1+47	Lt.	22		60	.50	.75
Sub-totals for Sec. "D-1"					488		
10-A, Sec. D-2(Pt), 2+50 & 7+50		Rt	26		100	.75	1.00
Bridge, Sta. 41+10.4 to 42+39.6		Rt. & Lt.	27		258		
Totals for Sec. D-1, D-2 (Pt)					846	2.50	3.75



TYPICAL SECTION OF ADJOINING PAVEMENT.
Type 9"-7"-7"-9" CONCRETE.