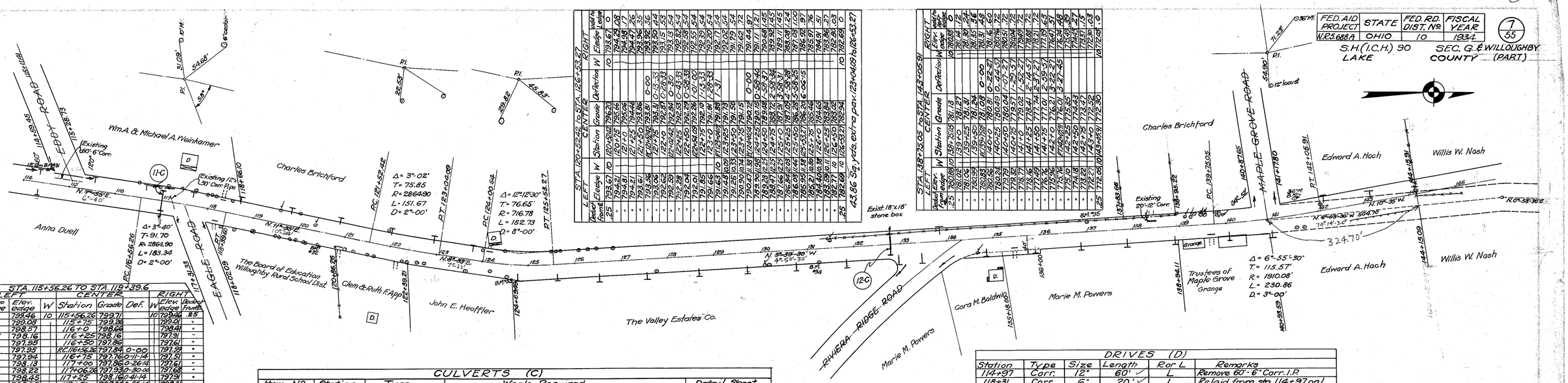
FED. AID PROJECT	STATE	FED. RD. DIST. No	FISCAL YEAR
W.E.S.688A	OHIO	10	1934

7/55

S.H. (I.C.H.) 90 LAKE COUNTY — SEC. G & E WILLOUGHBY (PART.)



STA. 115+56.26 TO STA. 119+39.6								
LEFT			CENTER				RIGHT	
add to R.edge	Elev. edge	W	Station	Grade	Def.	W	Elev. edge	Dedect Points
.0	799.46	10	115+56.26	799.71		10	799.46	.25
.07	799.08		115+75	799.38			799.01	"
.16	798.27		116+0	798.66			798.41	"
.25	798.16		116+25	798.16			797.91	"
.34	797.95		116+50	797.86			797.16	"
.36	797.95		P.C. 116+56.26	797.84	0-00		797.59	"
.43	797.94		116+75	797.76	0-11.14		797.51	"
.52	798.13		117+00	797.86	0-26.14		797.61	"
.54	798.22		117+06.26	797.90	0-30.00		797.68	"
.54	798.45		117+25	798.10	0-41.14		797.91	"
.54	798.95		117+50	798.60	0-56.14		798.41	"
.54	799.47		117+75	799.18	1-11.14		798.93	"
.54	799.69		117+89.6	799.40	1-20.00		799.15	"
.50	799.81		118+0	799.56	1-26.14		799.31	"
.41	799.94		118+25	799.78	1-41.14		799.53	"
.26	799.94		P.I. 118+39.6	799.83	1-50		799.58	"
.32	799.93		118+50	799.86			799.36	"
.23	799.76		118+75	799.78			799.53	"
.14	799.44		119+0	799.56			799.31	"
.05	798.98		119+25	799.18			798.93	"
.0	798.63	10	119+39.6	798.88		10	798.63	.25

STA. 120+52.46 TO STA. 126+53.27								
LEFT			CENTER				RIGHT	
Dedect Points .25	Elev. edge	W	Station	Grade	Deflection	W	Elev. edge	Dedect Points .25
	793.67	10	120+52.46	796.20		10	793.67	0.08
	794.29		120+75	795.66			794.29	.71
	794.81		121+0	795.16			794.98	.71
	794.81		121+25	794.66			794.41	.26
	793.61		121+50	793.86			793.96	.26
	793.56		P.C. 121+57.46	793.81	0-00		793.90	.44
	793.06		121+75	793.31	0-33.33		793.35	.54
	792.99		122+0	792.86	0-58.33		793.13	.54
	792.28		122+25	792.26	0-83.33		792.82	.54
	792.04		122+50	792.19	0-58.33		792.58	.54
	792.01		122+54.09	792.26	0-01.00		792.53	.54
	791.86		122+75	792.10	0-13.33		792.30	.54
	791.66		123+0	792.01	0-28.33		792.07	.54
	791.44	10	P.I. 123+04.09	791.98	0-30.00		792.02	.54
	791.25		123+25	791.98	1-41.14		791.79	.54
	790.90		123+50	791.96			791.76	.54
	790.74		P.C. 124+00.64	791.95	0-00		791.62	.72
	790.38		124+25	791.95	0-83.33		791.44	.97
	790.28		124+50	791.96	0-58.33		791.11	1.21
	790.28		124+75	791.97	0-33.33		790.98	1.45
	790.28		P.I. 124+82.27	791.97	0-27.27		790.98	1.45
	790.28		125+0	791.98	0-08.33		790.98	1.45
	790.28		125+25	791.98	0-41.14		790.98	1.45
	790.28		125+50	791.98	0-41.14		790.98	1.45
	790.28		125+75	791.98	0-41.14		790.98	1.45
	790.28		126+0	791.98	0-41.14		790.98	1.45
	790.28		126+25	791.98	0-41.14		790.98	1.45
	790.28		126+50	791.98	0-41.14		790.98	1.45
	790.28		126+53.27	791.98	0-41.14		790.98	1.45
.25	790.28	10	126+53.27	791.98	0-41.14	10	790.98	1.45

43.86 Sq. yds. extra pav. 123+04.09 to 126+53.27

STA. 138+13.05 TO STA. 143+05.91								
LEFT			CENTER				RIGHT	
Dedect Points .25	Elev. edge	W	Station	Grade	Deflection	W	Elev. edge	Dedect Points .25
.25	780.88	10	138+13.05	781.13		10	780.88	0
	781.02		138+25	781.27			781.14	.12
	781.06		138+50	781.31			781.30	.24
	780.99		138+75	781.24			781.30	.18
	780.83		P.C. 138+82.66	781.08	0-00		781.15	.45
	780.83		139+0	781.08	0-44.57		781.15	.45
	780.79		139+25	781.04	1-27.27		780.91	.72
	780.79		139+50	781.04	1-27.27		780.91	.72
	780.79		139+75	781.04	1-27.27		780.91	.72
	780.79		140+0	781.04	1-27.27		780.91	.72
	780.79		140+25	781.04	1-27.27		780.91	.72
	780.79		140+50	781.04	1-27.27		780.91	.72
	780.79		140+75	781.04	1-27.27		780.91	.72
	780.79		141+0	781.04	1-27.27		780.91	.72
	780.79		141+25	781.04	1-27.27		780.91	.72
	780.79		141+50	781.04	1-27.27		780.91	.72
	780.79		141+75	781.04	1-27.27		780.91	.72
	780.79		142+0	781.04	1-27.27		780.91	.72
	780.79		142+25	781.04	1-27.27		780.91	.72
	780.79		142+50	781.04	1-27.27		780.91	.72
	780.79		142+75	781.04	1-27.27		780.91	.72
	780.79		143+0	781.04	1-27.27		780.91	.72
.25	780.79	10	143+05.91	781.04	1-27.27	10	780.91	.72

CULVERTS (C)				
Item No	Station	Type	Work Required	Detail Sheet
11-C	117+0	Std. cast iron	Remove existing 12"x30" corr. iron pipe and build Std. 15"x42" cast iron pipe culvert, Hw. on Rt. L.	Sheet 49
12-C	132+78	Std. cast iron	Remove existing 18"x24"x25' stone box and build Std. 30"x44" Std. cast iron pipe culvert, Hw. on Rt. L.	Sheet 49

DRIVES (D)					
Station	Type	Size	Length	Rt or L	Remarks
114+97	Corr.	12"	60' ✓	L	Remove 60'-6" Corr. I.P.
118+31	Corr.	6"	20' ✓	L	Relaid from sta. 114+97 on L
118+21	Corr.	12"	20' ✓	R	
120+88	Corr.	12"	20' ✓	R	
124+10	Corr.	12"	20' ✓	L	
135+43	Corr.	12"	20' ✓	R	
138+42	Corr.	12"	20' ✓	L	Existing pipe is relaid
139+67	Corr.	12"	20' ✓	R	

B.M. #31 Sta. 114+50
Spike in root of 18" elm
27' to L of ℄
Elev. = 804.30

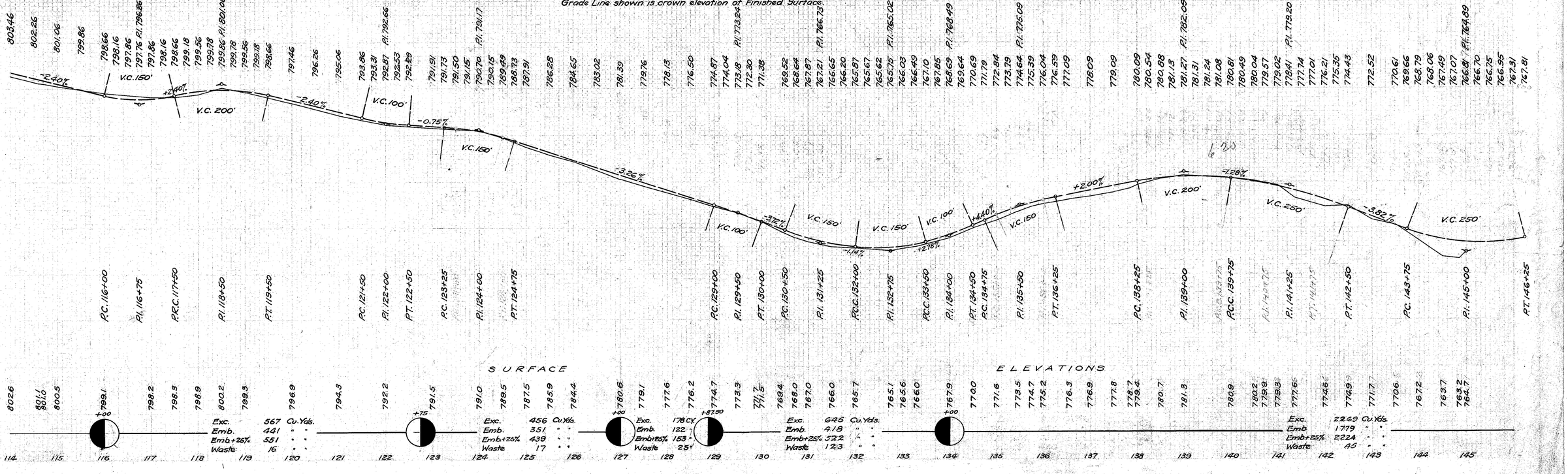
B.M. #32 Sta. 120+47
Spike in root of 18" W. cherry
26' to R of ℄
Elev. = 796.75

B.M. #33 Sta. 124+57
Spike in root of 30" maple
23' to R of ℄
Elev. = 790.90

V = Remove Tree

B.M. #34 Sta. 131+25
Spike in back root 18" elm
27' to R of ℄
Elev. = 765.07

B.M. #35 Sta. 137+02
Spike in side of 10" locust
19' to L of ℄
Elev. = 776.78

B.M. #36 Sta. 141+57
Spike in root of 36" maple
28' to L of ℄
Elev. = 781.98

Grade Line shown is crown elevation of Finished Surface.