Computed A.L. 7-23-69
Checked J.H.S. 7-23-69

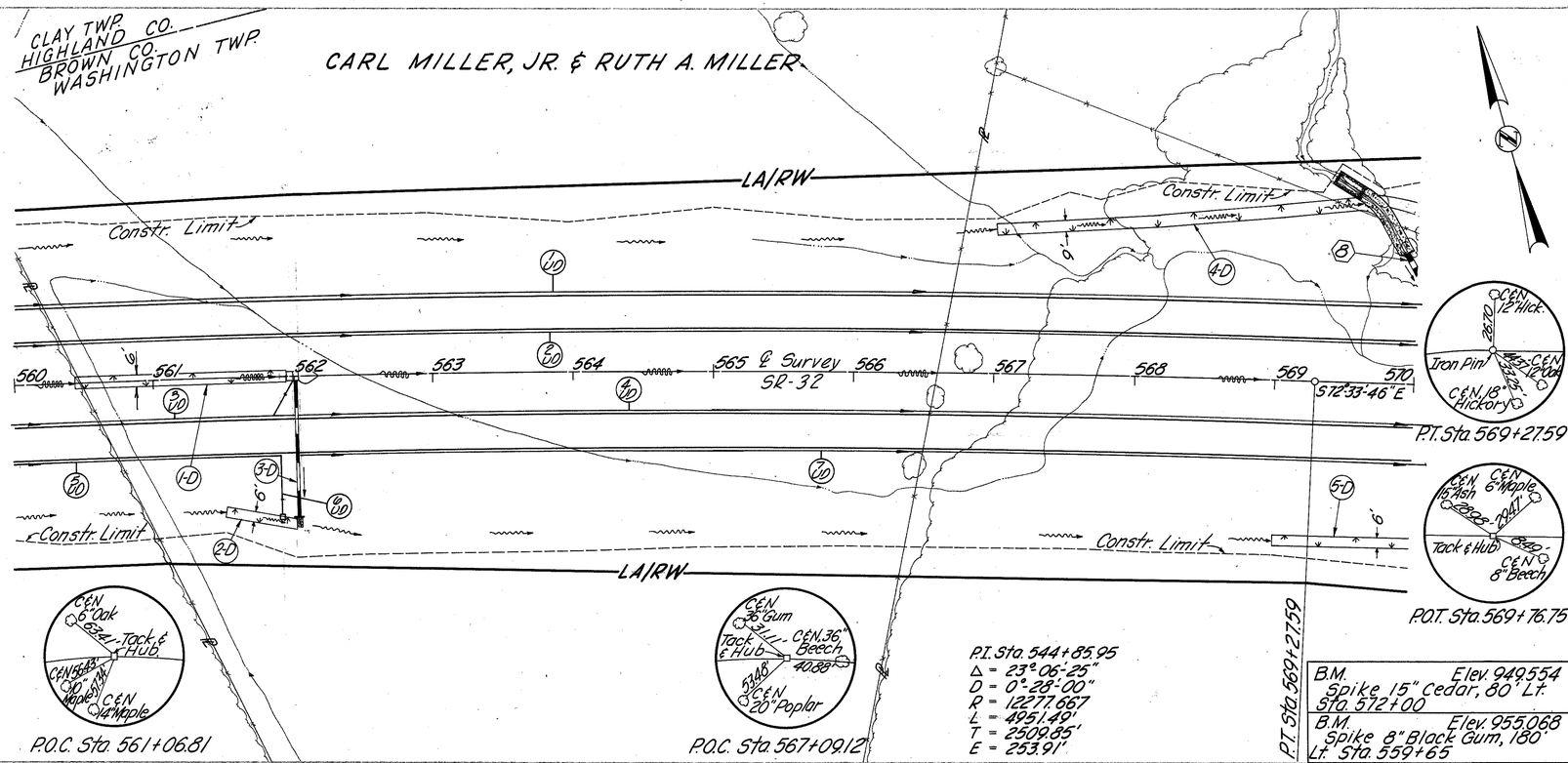
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

44
298

BRO-32-(5.57)(8.20)(9.51) HIG-32-(0.00)(0.41)

CLAY TWP.
HIGHLAND CO.
BROWN CO.
WASHINGTON TWP.

CARL MILLER, JR. & RUTH A. MILLER



ESTIMATED QUANTITIES

SEE NO.	STATION TO STATION	SIDE	601 Ecc. Type C Conc. Masonry Building Cu. Yds.	602 Conc. Masonry Cu. Yds.	603 Conduit 18" Type B Lin. Ft.	603 Conduit 6" "F" Lin. Ft.	604 Std. Catch Basins No. 4 Each	605 6" Yellow Pipe Underdrains Lin. Ft.	660 Sodding Sq. Yds.	Sod	Lands & Structures	SEE SHEET NO.
1-D	560+43-561+93	Lt.							100	Sod		148
2-D	561+50-561+98	Rt.							32	Sod		
3-D	561+00-562+00	Rt.	2.0	0.33					262	Sod		215
4-D	562+00-569+60	Lt.			100		1		87	Sod		
5-D	569+00-570+00	Rt.										
8	See Following Sheet for Quantities											
1-D	560+00-570+00	Lt.						1000			/	
2-D	560+00-570+00	Rt.						1000			/	
3-D	560+00-561+00	Rt.						1000				
4-D	562+02-570+00	Lt.				10		1000				
5-D	562+02-570+00	Rt.						1000				
6-D	561+00-562+00	Rt.				10		1000				
7-D	562+02-570+00	Rt.						1000				
TOTALS To General Summary			2.0	0.33	100	20	1	4036	461			

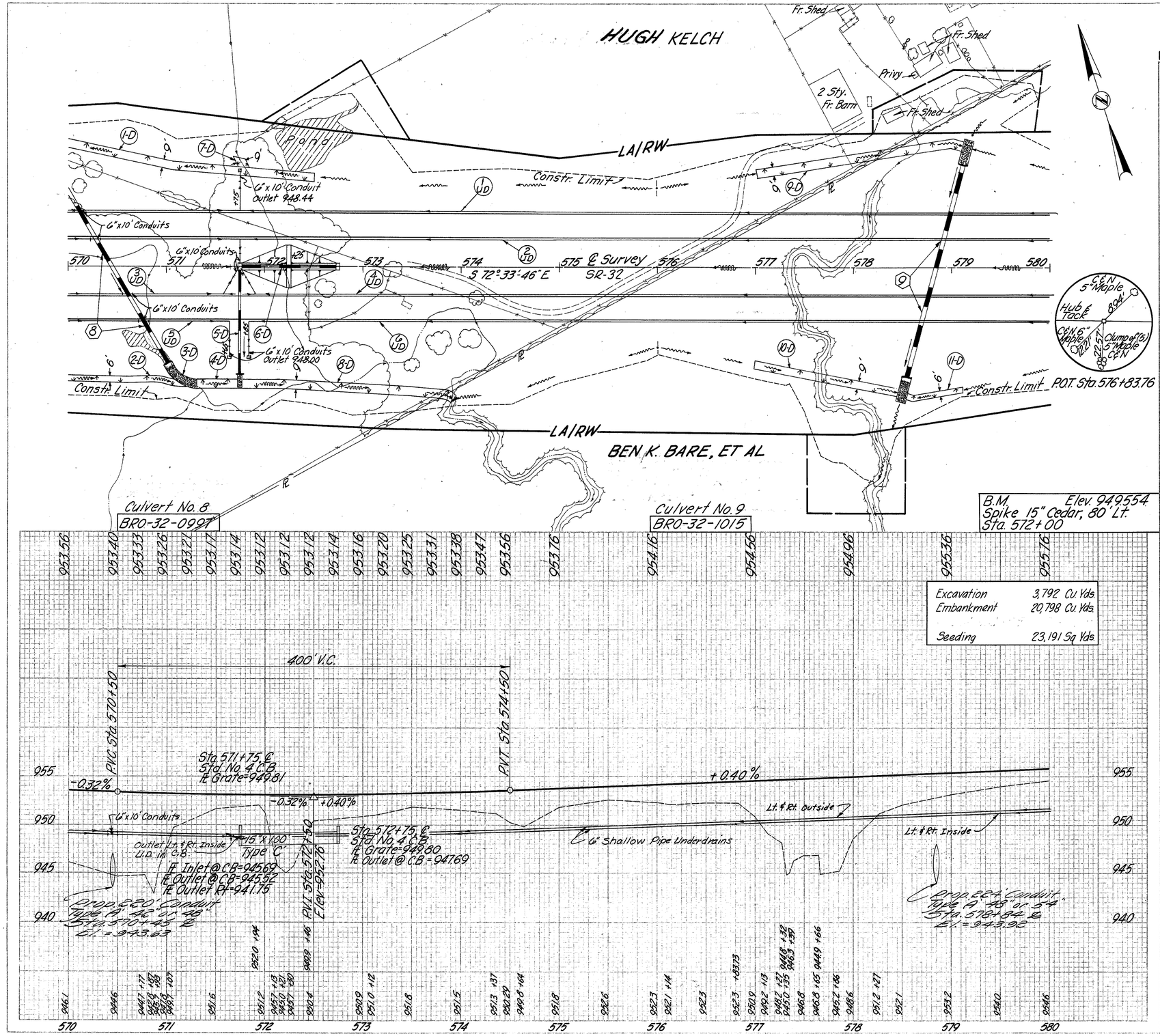
STA. 560+00 TO STA. 570+00

Computed A.L. 7-23-69
Checked J.H.S. 7-23-69

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

45
208

BRO-32-(5.57)(8.20)(9.51) HIG-32-(0.00)(0.41)



ESTIMATED QUANTITIES

REF. NO.	STATION TO STATION	SIDE	604 STD. CATCH BASINS Each	603 Conduit 15" Type 'C' 707.07 Lin. Ft.	603 Conduit 18" Type 'B' 707.05 Lin. Ft.	603 Conduit 6" Type 'F' 707.03 Lin. Ft.	602 CONC. MASONRY Cu. Yds.	601 C.C.P. Type 'A' Bedding Cu. Yds.	601 C.C.P. Type 'A' Bedding Lin. Ft.	601 RIPRAP Class 'C' Cu. Yds.	605 6" Shallow Underdrain Lin. Ft.	Bend & Branches Ea.	SEE SHEET NO.
1-D	569+75 - 572+50	Lt.											
2-D	570+00 - 571+00	Lt.											
3-D	570+00 - 571+28	Rt.											
4-D	571+28 - 571+53	Rt.											
5-D	571+75 - 572+75	Lt.	1	100	110	4	0.35	45	45				151 152
6-D	571+75 - 574+00	Rt.	1										
7-D	571+75 - 574+00	Lt.											
8-D	571+00 - 574+42	Rt.											
9-D	571+00 - 574+44	Lt.											
10-D	571+00 - 574+50	Rt.											
11-D	578+54 - 579+10	Rt.											
8	570+45	Lt.		220	229	17							248
9	578+84	Rt.		224	275	24							249
1-D	570+00 - 580+00	Lt.									1031	1	
2-D	570+00 - 580+00	Lt.									1016	1	
3-D	570+00 - 571+73	Rt.									173	1	
4-D	571+77 - 580+00	Rt.									843	1	
5-D	570+00 - 571+65	Rt.									140		
6-D	571+85 - 580+00	Rt.									840		

1022 41 164 95 4,113 -

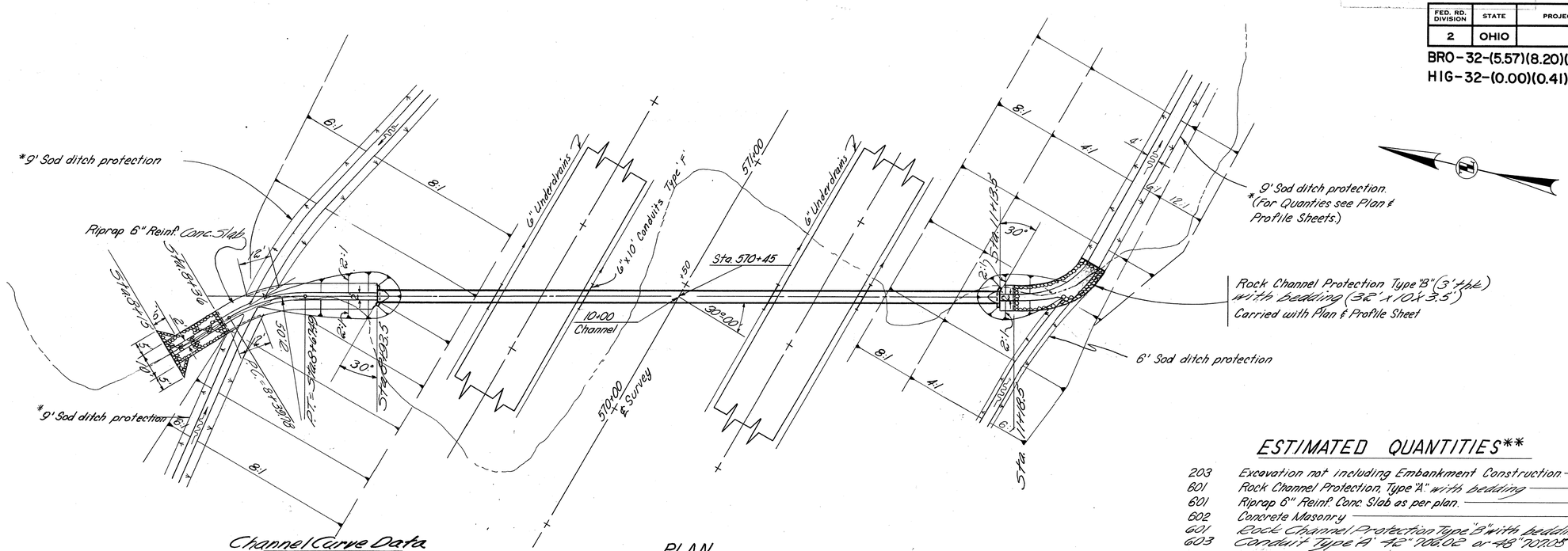
To General Summary 53 530 110 100 100 224 220 2

STA. 570+00 TO STA. 580+00

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

248
298

BRO-32-(5.57)(8.20)(9.51)
HIG-32-(0.00)(0.41)



PLAN

Channel Curve Data

P.I. = Sta. 8+54
Δ = 31°-45' Rt.
R = 50'
L = 27.71'
T = 14.22
E = 1.98'

ESTIMATED QUANTITIES**

203	Excavation not including Embankment Construction	4 Cu. Yds.
601	Rock Channel Protection, Type "A" with bedding	41 Cu. Yds.
601	Riprap 6" Reinf. Conc. Slab as per plan.	64 Sq. Yds.
602	Concrete Masonry	2.29 Cu. Yds.
601	Rock Channel Protection Type "B" with bedding	17 Cu. Yds.
603	Conduit Type "F" 48" 706.02 or 48" 707.05	220 Lin. Ft.

** Quantities carried to Plan & Profile Sheet No. 45

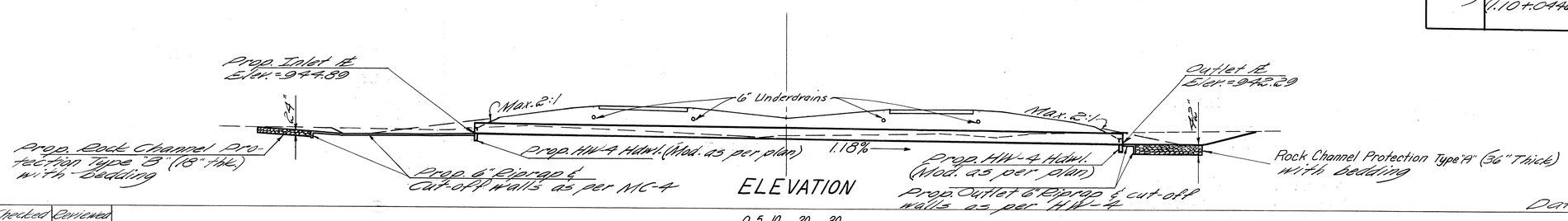
CHANNEL EXCAVATION

STA.		AREA	VOLUME
8+46.5		0	
			1
8+44		6	
			3
8+15		0	
		Total =	4 Cu. Yd.

Drainage Area	= 92 Ac
Q 25	= 94 c.f.s.
Q 100	= 127 c.f.s.
Hw 100	= 954.36

CALCULATIONS

ITEM	LENGTH	WIDTH	DEPTH	UNIT
601 Riprap	57.5'x10.0'/9			= 63.89 Sq. Yd.
	5.0'x10.0'/9			= 5.55 Sq. Yd.
			Total	= 69.44 Sq. Yd.
601 R.C.P. Type "B" with bedding	21.0'x10.0'x2.0'/27			= 15.56 Cu. Yds.
	5.0'x5.0'x2.0'/27			= 1.85 Cu. Yds.
			Total	= 17.41 Cu. Yds.
601 R.C.P. Type "B" with bedding	32.0'x10.0'x3.5'/27			= 41.48 Cu. Yds.
602 Conc. Masonry	4.5'x1.0'=4.55 S.F. End Area			
	26.75'x4.5/27			= .04465 C.Y. Addit. Conc. for one Hdwl. Bend
	(1.10+.04465)x2			= 2.289 C.Y. Conc. for both Hdwls.



ELEVATION

0 5 10 20 30

Datum Line Elev. = 920.00

Calc. By	Traced	Checked	Reviewed
D.B.B.	D.B.B.	D.W.S.	
5-4-76	5-4-76	9-16-77	

Computed by A.L. 8-5-69
Checked by J.H.S. 10-3-69

BRO-32-0999

8

PIPE CULVERT STA 570+45

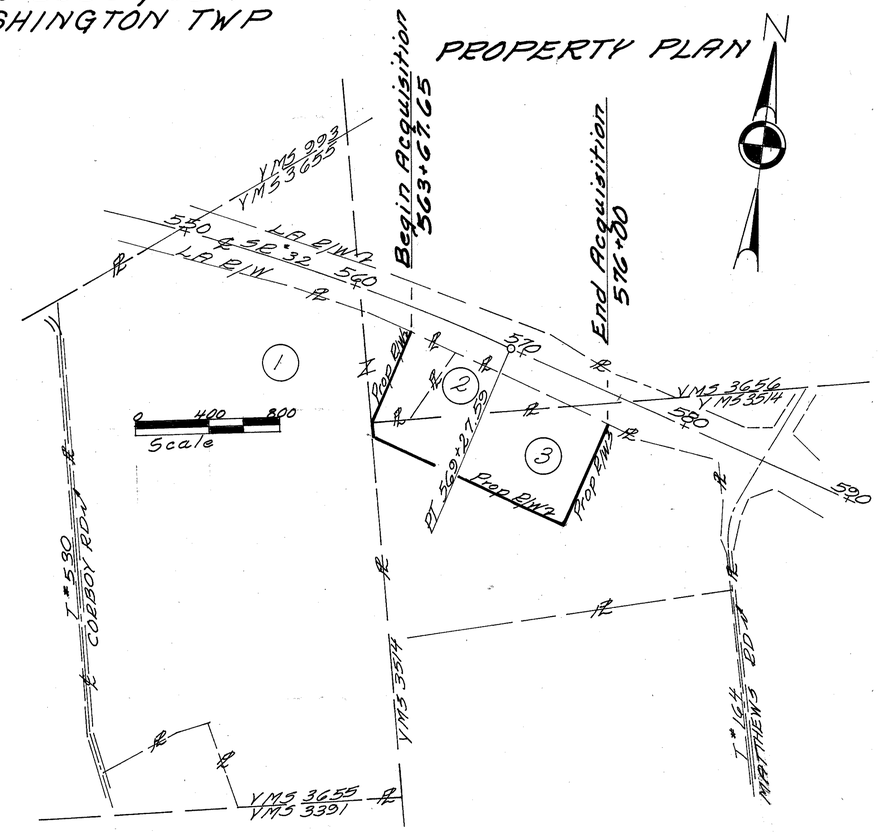
VMS 3656 & 3514
WASHINGTON TWP

FHWA REGION	STATE	PROJECT	
5	OHIO		

R/W PLAN
BRO 32-9.80
BROWN COUNTY

1/2

PROPERTY PLAN



3 Ownerships
1 Total Takes
0 Ownerships with Structures
0 Ownerships with 'P' items

NOTE
Record areas are residues to the right of SR 32 of the tracts of land divided by construction of SR 32

STATE JOB Nº 09813(0)

Completion Date: 10/1/86

Revised	Revision Description	By
1-12-86	Change of Ownership #3	RB
12-31-86	Changed WD Parcels To Easement	J.M.

PARCEL Nº	OWNER	SHEET Nº	DEED RECORD AREA	DEED RECORD BOOK	DEED RECORD PAGE	TOTAL P.R.O.	GROSS TAKE	P.R.O. in TAKE	NET TAKE	STRUC.	RESIDUE LEFT	RESIDUE RIGHT	FUND	REMARKS
1	Donald R. Dye & Marlene D. Dye	2	103.15	162 197	750 824	0.62	2.31	0.00	2.31	No	0.00	100.22	STATE	Take being from tract acquired in Vol 197 Page 824
2	Hugh Kelch	2	3.43	87 141	493 494	0.00	3.43	0.00	3.43	No	0.00	0.00	STATE	TOTAL TAKE, Take being the landlocked residue of Par 229 on BRO 32(5.57)(8.20)(9.51) HIG-32-(0.00)(0.41)
3	George R. Bare, Edward K. Bare Jr., James K. Bare, Frederick Buck Elizabeth Jane Cotton Walker, Helen C. Atherly, George Peter Bare,	2	43.41	78 98 132 136 207 208 217	450 339 384 294 518 600 761	0.20	10.91	0.00	10.91	No	0.00	32.30	STATE	16.65 Ac

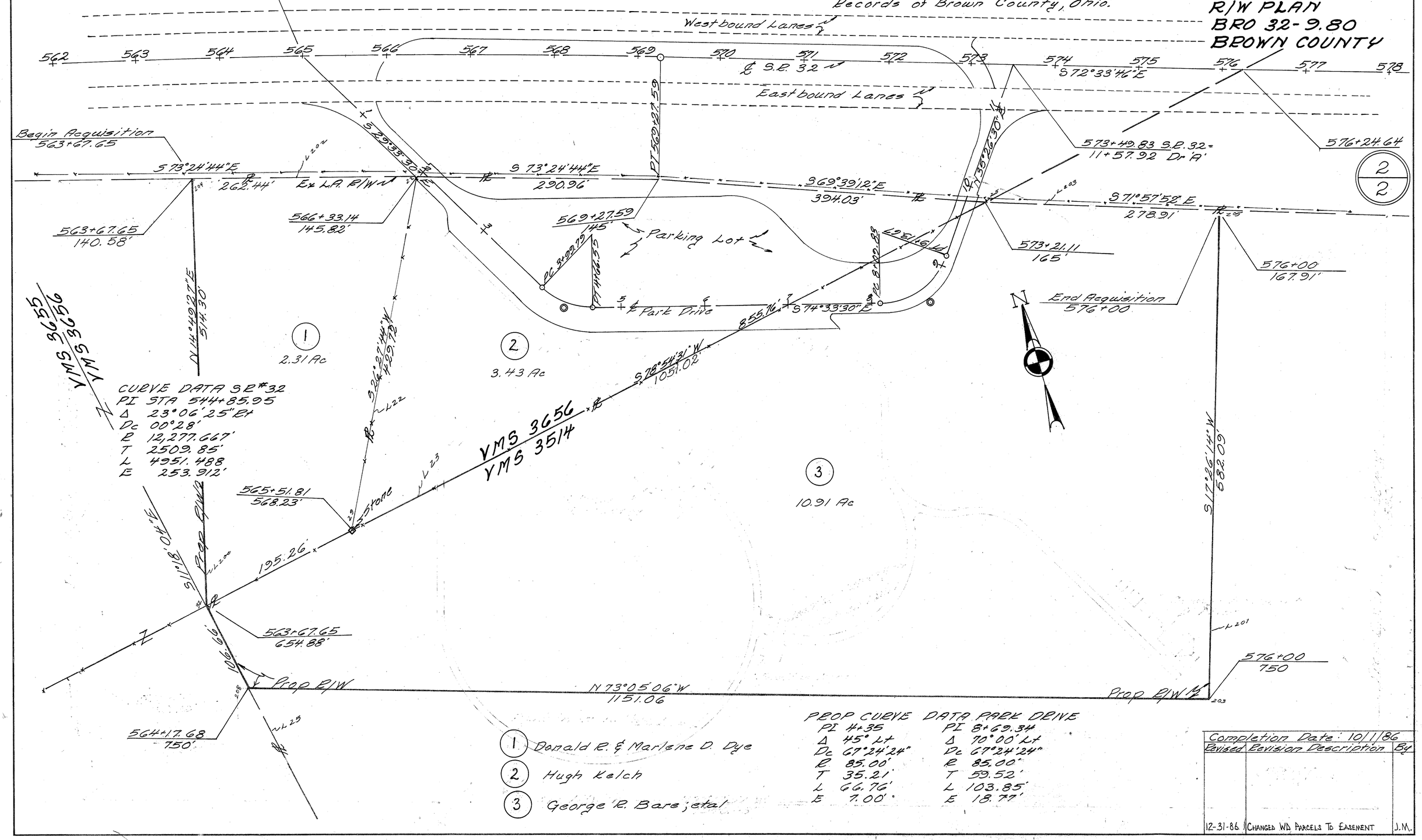
VMS 3656 & 3514
WASHINGTON TWP

NOTE: All calls, bearings & distances are from or based on the ℄ of S.R. 32 as recorded in Platbook C-5 Pages 1, 2 & 3 of the Plat Records of Brown County, Ohio.

FHWA REGION	STATE	PROJECT	
5	OHIO		

R/W PLAN
BRO 32-9.80
BROWN COUNTY

2/2



1. Donald R. & Marlene D. Dye
2. Hugh Kelch
3. George R. Bare; etal

PROP CURVE	DATA PARK DRIVE
PI 4+35	PI 8+69.34
Δ 45° Lt	Δ 70°00' Lt
Dc 67°24'24"	Dc 67°24'24"
R 85.00'	R 85.00'
T 35.21'	T 59.52'
L 66.76'	L 103.85'
E 7.00'	E 18.77'

Completion Date: 10/1/86

Revised	Revision Description	By
12-31-86	Changed W/D Parcels To Easement	J.M.