

Scanned  
July 14, 1997

DATE: 7/14/97  
BY: S.M.B.S.  
CHECKED: K.R.V.  
PROJECT: S.R. 576

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SECTIONS 1 & 2 T10S R3W  
BRIDGEWATER TWP WILLIAMS CO.

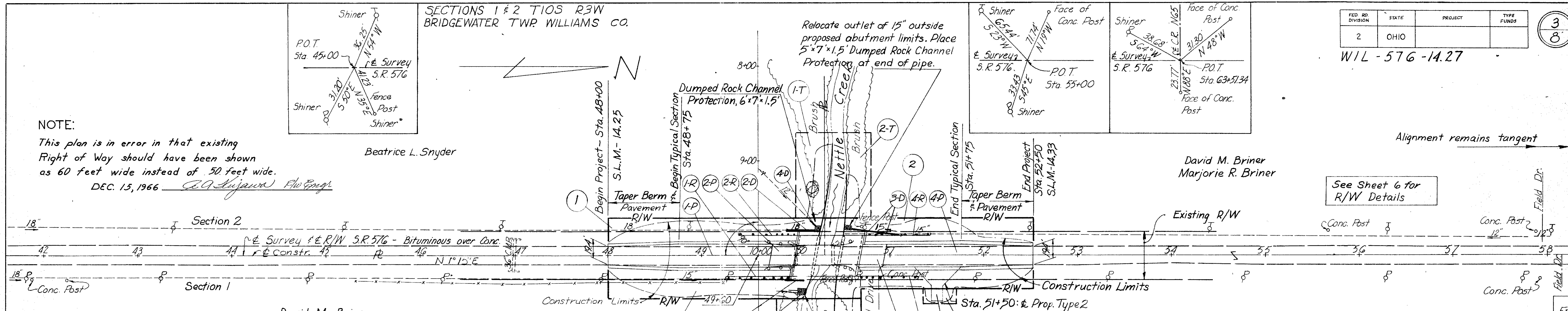
FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO		

WIL - 576 - 14.27

NOTE:  
This plan is in error in that existing Right of Way should have been shown as 60 feet wide instead of 50 feet wide.  
DEC. 15, 1966 *Beatrice L. Snyder*

Beatrice L. Snyder

David M. Briner  
Marjorie R. Briner



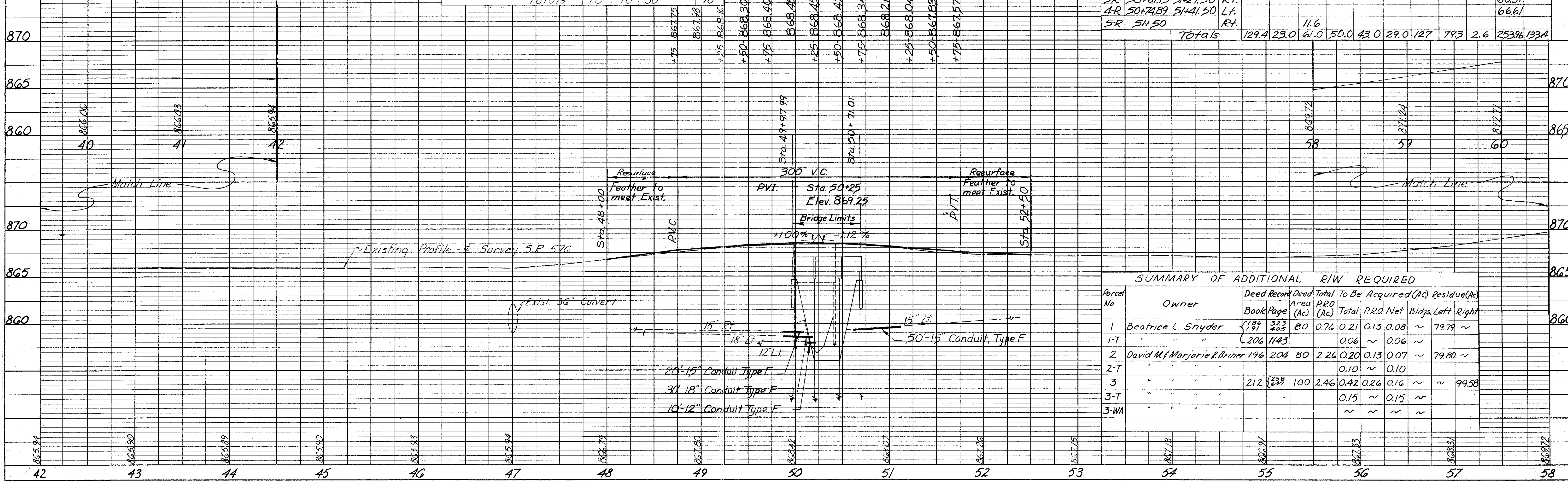
Reference No.	Station	Side	Dumped Rock Channel	15" Conduit	18" Conduit	12" Conduit
	From To		Cu. Yd.	Lin. Ft.	Lin. Ft.	Lin. Ft.
1-D	49+90 50+10	Rt.	20			
2-D	49+89 50+19	Lt.	23	30		
3-D	50+52 51+10	Lt.	1.9	50		
4-D	50+15 50+22	Lt.				10
5-D	50+02 50+12	Rt.	2.8			
Totals			7.0	70	30	10

Reference No.	Station	Side	Subgrade Preparation	Bituminous Aggregate Base	Aggregate Base	6" Subbase	Asphalt Concrete	Asphalt Concrete	Bituminous Prime Coat	Seal Coat Bituminous Material	Seal Coat Cover Aggregate	Guard Rail Type 4	Reinforced Conc. Approach
	From To		Sq. Yd.	Cu. Yd.	Cu. Yd.	Cu. Yd.	Cu. Yd.	Cu. Yd.	Gal.	Gal.	Cu. Yd.	Lim. Ft.	Sq. Ft.
1-P	48+00 49+72.99	€		12.3	22.4	14.7	18.0	15.4	58	36.4	1.2		
2-P	49+72.99 49+97.99	€	64.7	3.6	11.2				9	5.4	0.2	66.7	
3-P	50+71.01 50+96.01	€	64.7	3.6	11.2				9	5.4	0.2	66.7	
4-P	50+96.01 52+50	€		10.7	19.8	12.9	25.0	13.6	51	32.1	1.0		
1-R	49+27.50 49+94.11	Rt.										66.61	
2-R	49+41.50 50+01.87	Lt.										60.37	
3-R	50+67.13 51+27.50	Rt.										60.37	
4-R	50+74.89 51+41.50	Lt.										66.61	
5-R	51+50	Rt.											
Totals			129.4	23.0	61.0	50.0	43.0	29.0	127	79.3	2.6	253.96	133.4

TYPICAL SECTION OF ADJOINING PAVEMENT

B.M. - R.R. Spike in East Side of 20" Cottonwood Tree 317.5 Lt. Sta. 48+86. Elev. - 866.51

B.M. R.R. Spike in West Face of Power Pole 24.9 Rt. Sta. 51+91 Elev. - 864.88



Parcel No.	Owner	Deed Record Book Page	Deed Area (Ac)	Total P.R.O. Area (Ac)	To Be Acquired (Ac)		Residue (Ac)		
					Total	Net	Blg's	Left Right	
1	Beatrice L. Snyder	197 253	80	0.76	0.21	0.13	0.08	~ 79.79	~
1-T	"	206 1143			0.06	~	0.06	~	~
2	David M. Marjorie R. Briner	196 204	80	2.26	0.20	0.13	0.07	~ 79.80	~
2-T	"				0.10	~	0.10	~	~
3	"	212 239	100	2.46	0.42	0.26	0.16	~	~ 99.58
3-T	"				0.15	~	0.15	~	~
3-WA	"				~	~	~	~	~

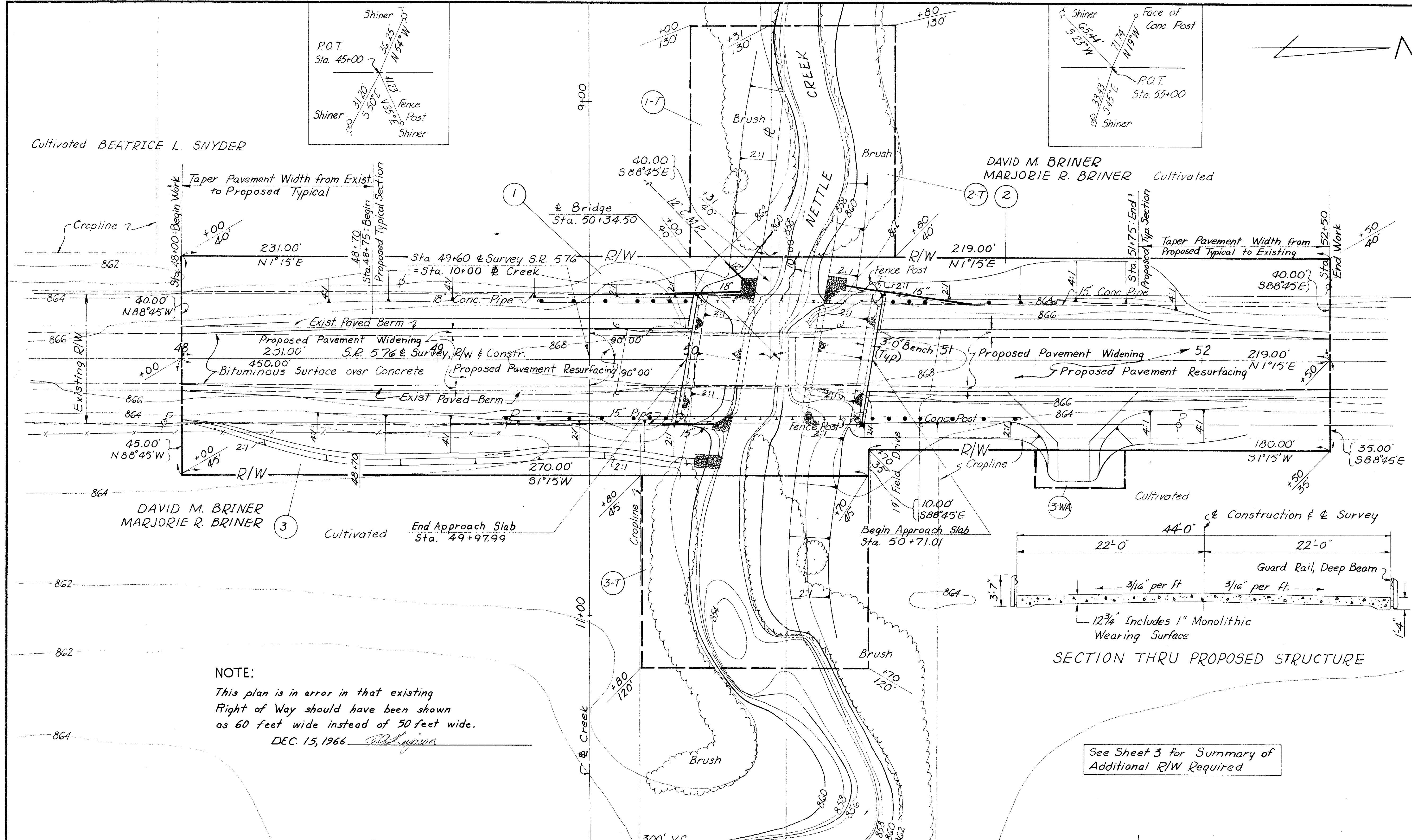


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FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO		

WIL-576-14.25  
2.7 Mi North of Montpelier

6  
8



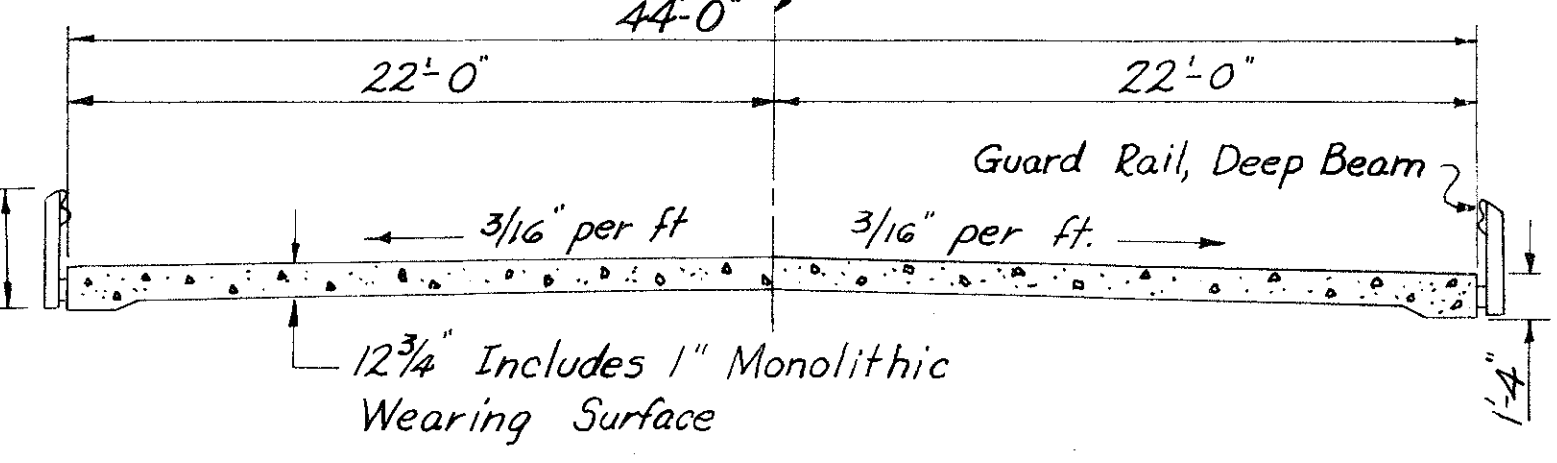
**Existing Bridge Data**  
 Existing: S.R. 576 over Nettle Creek  
 Type: Concrete slab, Concrete beams, Stone abutments, Concrete wingwalls  
 Span: 1 @ 36.8' (Clear)  
 Skew: None  
 Roadway: 21.1' f/f Guardrail  
 Condition: Poor  
 Clear Opening: 215 sq. ft.

**Upstream Bridge: Co. Rd 10 over Nettle Creek, 1.0 Mile Upstream**  
 Type: Concrete slab, Steel beams, Plate girder, Concrete abutments  
 Span: 1 @ 38.8' (Clear)  
 Skew: None  
 Roadway: 17.1' f/f Girder  
 Condition: Fair  
 Clear Opening: 235 sq. ft.

**Downstream Bridge: Co. Rd N30 over Nettle Creek, 0.4 Mile Downstream**  
 Type: Concrete Slab, Steel beams, Concrete fascia beam, Concrete abutments  
 Span: 1 @ 37.0' (Clear)  
 Skew: None  
 Roadway: 15.6' f/f Guardrail  
 Condition: Good  
 Clear Opening: 278 sq. ft.

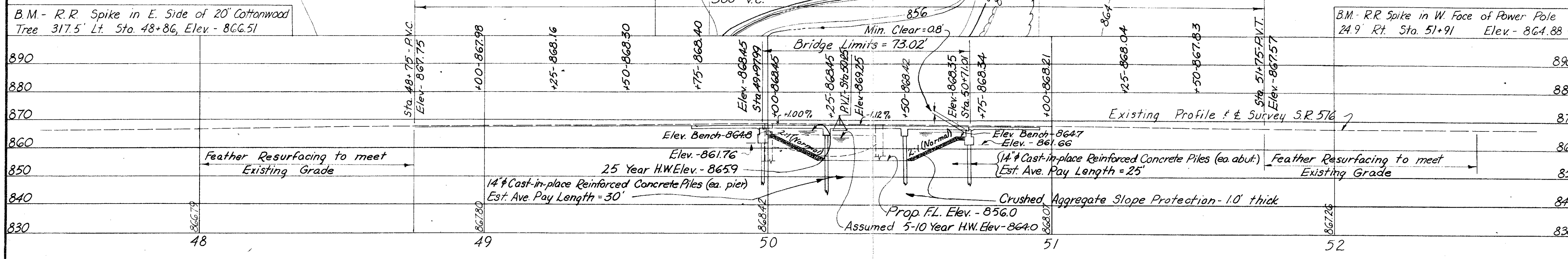
**Traffic:**  
 ADT (1964)  
 A & P vehicles = 1210  
 B & C vehicles = 190  
 1984 Design ADT=2385  
**Drainage Area: 35 Sq. Mi.**  
 Net Water Opening below Elev. 8640: 337 Sq. Ft.  
 Total Water Opening below Elev. 8659: 454 Sq. Ft.

**SECTION THRU PROPOSED STRUCTURE**



**NOTE:**  
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 DEC. 15, 1966

See Sheet 3 for Summary of Additional R/W Required



**PROPOSED STRUCTURE**  
 Type: Continuous Reinforced Concrete Slab on Capped Pile Abutments and Piers  
 Spans: 22'-27.5'-22' % Bearings  
 Roadway: 44'-0" f/f Guard Rail & % Slab  
 Load Frequency: CF 130 (1957)  
 Skew: 10°-00' L.F.  
 Wearing Surface: 1" Monolithic Concrete  
 Approach Slabs: A5-1-54 (25' long)  
 Alignment: Tangent  
 SANZENBACHER, MILLER, BRIGHAM & SCOTT  
 CONSULTING ENGINEERS  
 TOLEDO, OHIO

**SITE PLAN**  
 BRIDGE NO. WIL-576-1429  
 S. R. 576 over NETTLE CREEK  
 WILLIAMS CO. Sta. 49+97.99  
 Scale: 1" = 20' to Sta. 50+71.01  
 PRESENT TOPOGRAPHY DRAWN JHN  
 PROPOSED WORK DESIGNED KRW  
 DRAWN KRW  
 CHECKED TWD  
 REVIEWED BJH 6-22-66