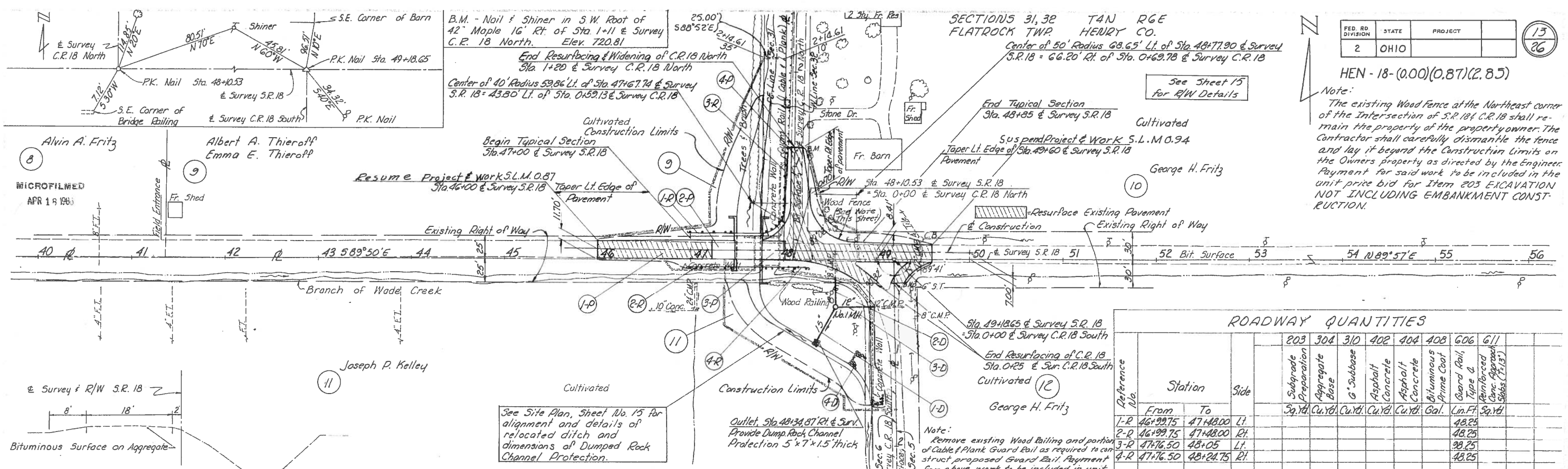


HEN - 18 - (0.00)(0.87)(2.85)

Note:
The existing Wood Fence at the Northeast corner of the Intersection of S.R. 18 & C.R. 18 shall remain the property of the property owner. The Contractor shall carefully dismantle the fence and lay it beyond the Construction Limits on the Owners property as directed by the Engineer. Payment for said work to be included in the unit price bid for Item 203 EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION.



ROADWAY QUANTITIES

Reference No.	Station	Side	203	304	310	402	404	408	606	611
			Subgrade Preparation	Aggregate Base	G Subbase	Asphalt Concrete	Asphalt Concrete	Bituminous Prime Coat	Guard Rail, Type 2	Reinforced Concrete Approach Slabs (7.13)
1-R	46+99.75	47+48.00	Lt.							
2-R	46+99.75	47+48.00	Rt.							48.25
3-R	47+76.50	48+05	Lt.							48.25
4-R	47+76.50	48+24.75	Rt.							48.25
1-P	46+00	47+23.00	E		5.4		4.2	9.2	7	
2-P	47+23.00	47+48.00	E	54.4	9.5					55.6
3-P	47+76.50	48+01.50	E	54.4	9.5					55.6
4-P	48+01.50	49+60	E		39.9		37.2	20.3	69	
Totals				108.8	45.3	19.0	41.4	29.5	76	243.00

DRAINAGE QUANTITIES

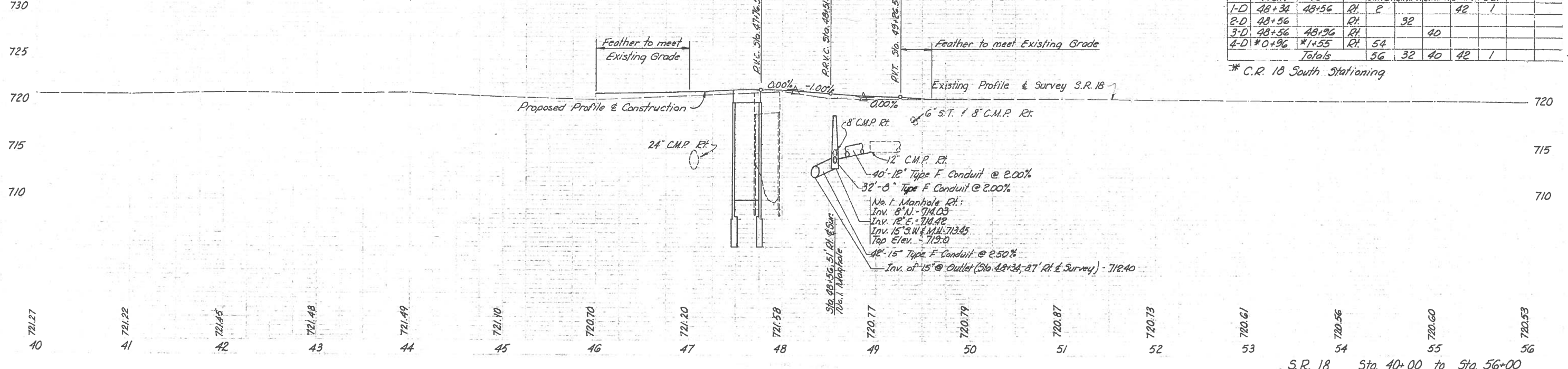
Reference No.	Station	Side	601	603	603	603	604
			Dumped Rock Channel Protection	8" Conduit, Type F	12" Conduit, Type F	15" Conduit, Type F	No. Manhole
1-D	48+34	48+56	Rt.	2			
2-D	48+56		Rt.		32		
3-D	48+56	48+96	Rt.			40	
4-D	*0+96	*1+55	Rt.	54			
Totals				56	32	40	42

* C.R. 18 South Stationing

TYPICAL SECTION OF ADJOINING PAVEMENT

SECTION 5, 6 T3N RGE PLEASANT TWP HENRY CO.

SUMMARY OF ADDITIONAL R/W REQUIRED										
Parcel No.	Owner	Deed Record Book Page	Deed Area (Ac.)	Total P.R.O. (Ac.)	To Be Acquired (Ac.) Total	P.R.O.	Net	Slaps	Left	Right
9	Albert A. & Emma E. Thieroff	173 64	20	1.12	0.40	0.22	0.18	~	19.6	~
10	George H. Fritz	142 136	58 35	800.6	2.42	0.14	0.11	0.03	~	79.92
11	Joseph P. Kelley	73 129	129 44.957	200.7	3.45	0.52	0.18	0.34	~	20.18



9-65
SMBS
NJB
JHN
1-66
Checked

9-65
SMBS
JHN
1-66
NJB
1-66
LTD
5-66
EBM
Checked

HEN 18 - (0.00)(0.87)(285)
4.1 Mi. West of Holgate
719.3

EXISTING BRIDGE DATA
 Existing S.R.18 over Branch of Wade Creek
 Type: Concrete Slab, Concrete Abutments
 Span: 24.5' clear
 Skew: None
 Roadway: 30' f/f curbs
 Condition: Poor
 Clear Opening: 200 sq.ft.
 Upstream Bridges:
 0.9 mile west upstream, C.R.19 over Branch of Wade Creek. See Existing Bridge on HEN-18-0000 Site Plan.
 1.0 mile south upstream, C.R. "F" over ditch
 Type: Concrete Slab
 Span: 10' clear
 Skew: None
 Roadway: 23.2' f/f curbs
 Condition: Good
 Clear Opening: 60 sq.ft.
 Downstream Bridge:
 0.25 mile downstream, C.R.18 over Branch of Wade Creek
 Type: Concrete on steel beams, Concrete Abutments
 Span: 15.5' normal clear
 Skew: 30' R.F.
 Roadway: 20' f/f rails
 Condition: Fair
 Clear Opening: 142 sq.ft.

NOTE:
 Remove all concrete retaining wall except that portion west of the bridge on the right. Removal to conform to Sec. 202.03. Payment for said work shall be included in the lump sum price bid for Item 202, Existing Structures Removed.

TRAFFIC:
 1960 ADT = 590
 Drainage Area: 6.2 Square miles.
 Net waterway opening below Elev. 718.5 = 221.0 Square feet
 Net waterway opening = 263 Sq. Ft.

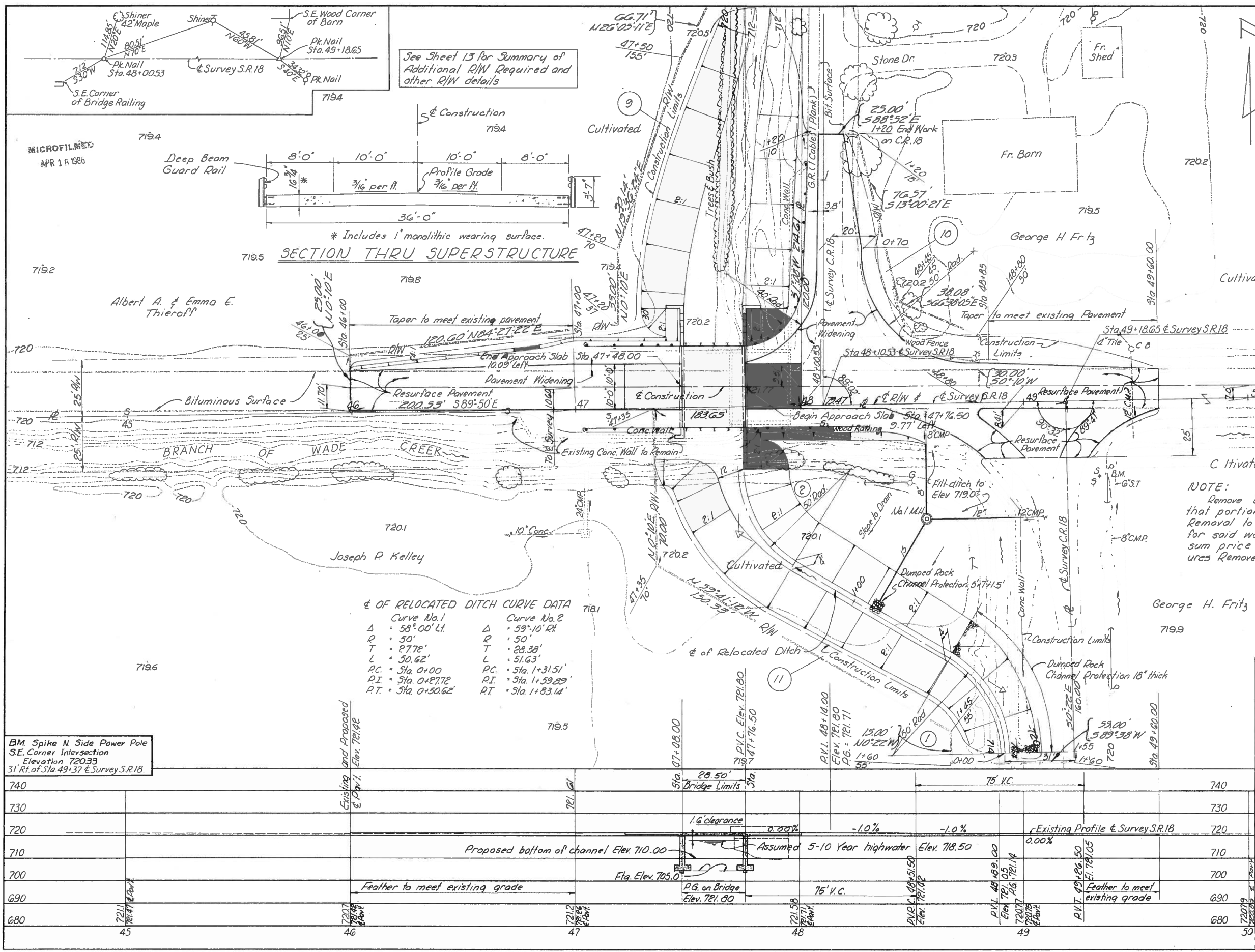
PROPOSED STRUCTURE
 Type: Reinforced concrete slab, Reinforced concrete wall abutments.
 Span: 26'-0" face to face of abutments.
 Roadway: 36'-0" out to out of slab.
 Load Frequency: CF 130 (1957)
 Skew: None
 Wearing Surface: 1" monolithic concrete.
 Approach Slabs: AS-1-54 (25'-0" long)
 Alignment: Tangent

STATE OF OHIO
 DEPARTMENT OF HIGHWAYS
 BUREAU OF BRIDGES

SITE PLAN
 BRIDGE NO. HEN-18-0090
 S.R.18 over BRANCH OF WADE CREEK
 HENRY CO. SR-18

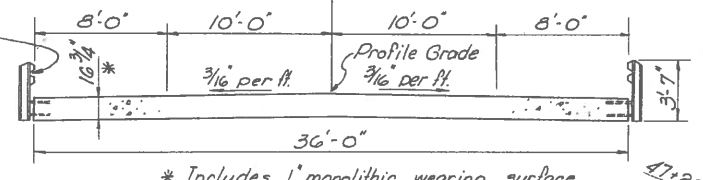
SEC. STA. 47+48.00 TO 47+76.50
 SCALE 1" = 20'

PRESENT TOPOGRAPHY		PROPOSED WORK			
SURVEYED	DRAWN	DESIGNED	DRAWN	CHECKED	REVIEWED
Aerial Survey	Aerial Survey	HDP	HDP	TWD	5/14 24/66 TWD 5-11-66



See Sheet 13 for Summary of Additional R/W Required and other R/W details

SECTION THRU SUPERSTRUCTURE



DATA OF RELOCATED DITCH CURVE DATA

Curve No. 1	Curve No. 2
Δ = 58° 00' Lt.	Δ = 59° 10' Rt.
R = 50'	R = 50'
T = 27.72'	T = 28.39'
L = 50.62'	L = 51.63'
P.C. = Sta. 0+00	P.C. = Sta. 1+31.51'
P.I. = Sta. 0+27.72'	P.I. = Sta. 1+59.29'
P.T. = Sta. 0+50.62'	P.T. = Sta. 1+83.14'

BM Spike N. Side Power Pole
 S.E. Corner Intersection
 Elevation 720.33
 31' Rt. of Sta. 49+37 & Survey S.R.18