

PROPOSED STRUCTURE
Type: Continuous Reinforced Concrete Slab
with Concrete Substructure
Spans: 30'-37.5'-30' % brgs.
Roadway: 36'-0" ff guard rail
Load Frequency: CF-30(51)
Skew: None
Wearing Surface: Bituminous
Approach Slabs: AS-1-5A (15' Long)
Alignment: 9°00' Curve Left
Superelevation: .0729 f/ft.

EXISTING STRUCTURE
Type: Low Truss-Pratt
Loading: S-G (Joists)
Clear Span: 59'-2"
Length: 62'-6"
Width: Between Trusses 15'-10"
Out to Out Truss 18'-0"
Abutments: Stone
Legal Loads: Reduced 35%

D: 78°30'
D: 9°
R: 636.62
T: 520.14
L: 872.22
C: 805.59
E: 185.47

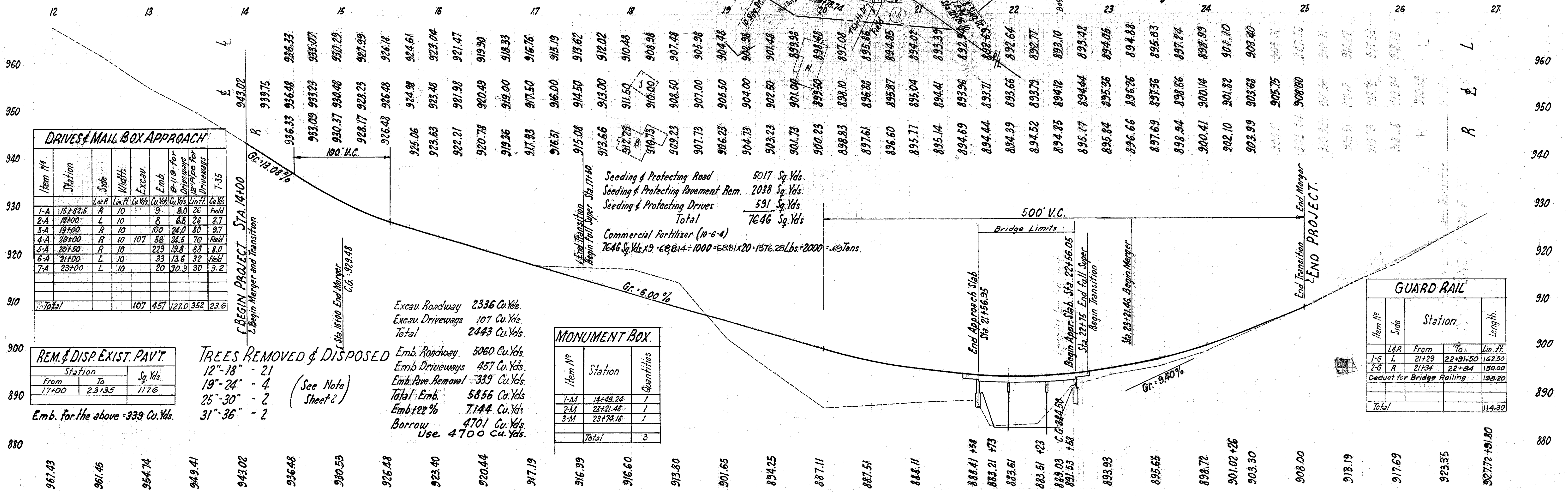
Frances E. Davis
Vol. 214 Pg. 189

P.M. Brown

Cleveland Boy Scouts of America
Vol. 204 Pg. 365

H.C. AD. Altrogge
Vol. 210 Pg. 105

Ele. 901.30 B.M. R.R. Spike W. Side. C.E.I. & O.B.T Pole #378397
Sta. 19+26 28.8' Right 15' South of & Drive to Altrogge Res.



DRIVES & MAIL BOX APPROACH

Item #	Station	Side	Width	Excav.	Emb.	Emb. for Drives	Emb. for Drives	Emb. for Drives
Cor.	Lin. Ft.	Lin. Ft.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.	Cu. Yds.
1-A	15+82.5	R	10	9	8.0	26	Field	
2-A	17+00	L	10	8	6.8	26	2.7	
3-A	18+00	R	10	100	24.0	80	9.7	
4-A	20+00	R	10	107	58	24.5	70	Field
5-A	20+50	R	10	229	19.8	88	8.0	
6-A	21+00	L	10	33	13.6	32	Field	
7-A	23+00	L	10	20	30.3	30	3.2	
Total				107	457	122.0	352	23.6

REM. & DISP. EXIST. PAV'T.

Station	Sq. Yds.
From 17+00 To 23+35	117.6
Emb. for the above	339 Cu. Yds.

TREES REMOVED & DISPOSED
12"-18" - 21
19"-24" - 4
25"-30" - 2
31"-36" - 2
(See Note Sheet 2)

Excav. Roadway 2336 Cu. Yds.
Excav. Driveways 107 Cu. Yds.
Total 2443 Cu. Yds.
Emb. Roadway 5060 Cu. Yds.
Emb. Driveways 457 Cu. Yds.
Emb. Pav. Removal 339 Cu. Yds.
Total Emb. 5856 Cu. Yds.
Emb. + 22% 7144 Cu. Yds.
Borrow 4701 Cu. Yds.
Use 4700 Cu. Yds.

MONUMENT BOX.

Item #	Station	Quantities
1-M	14+49.24	1
2-M	23+21.46	1
3-M	23+74.16	1
Total		3

GUARD RAIL

Item #	Side	Station	Length
1-G	L	21+29	162.50
2-G	R	21+34	150.00
Deduct for Bridge Railing			138.20
Total			114.30