

MICROFILMED
MAR 3 1987

STATE OF OHIO
DEPARTMENT OF HIGHWAYS S-77(4)

HIGHLAND COUNTY
HIG-134-(1.63)(4.57)(7.67)(8.27)(9.84)
(8.27)(9.84)

HIG-134-(1.63)(4.57)(7.67)(8.27)(9.84)

CLAY & SALEM TOWNSHIPS

HIGHLAND COUNTY

CONVENTIONAL SIGNS

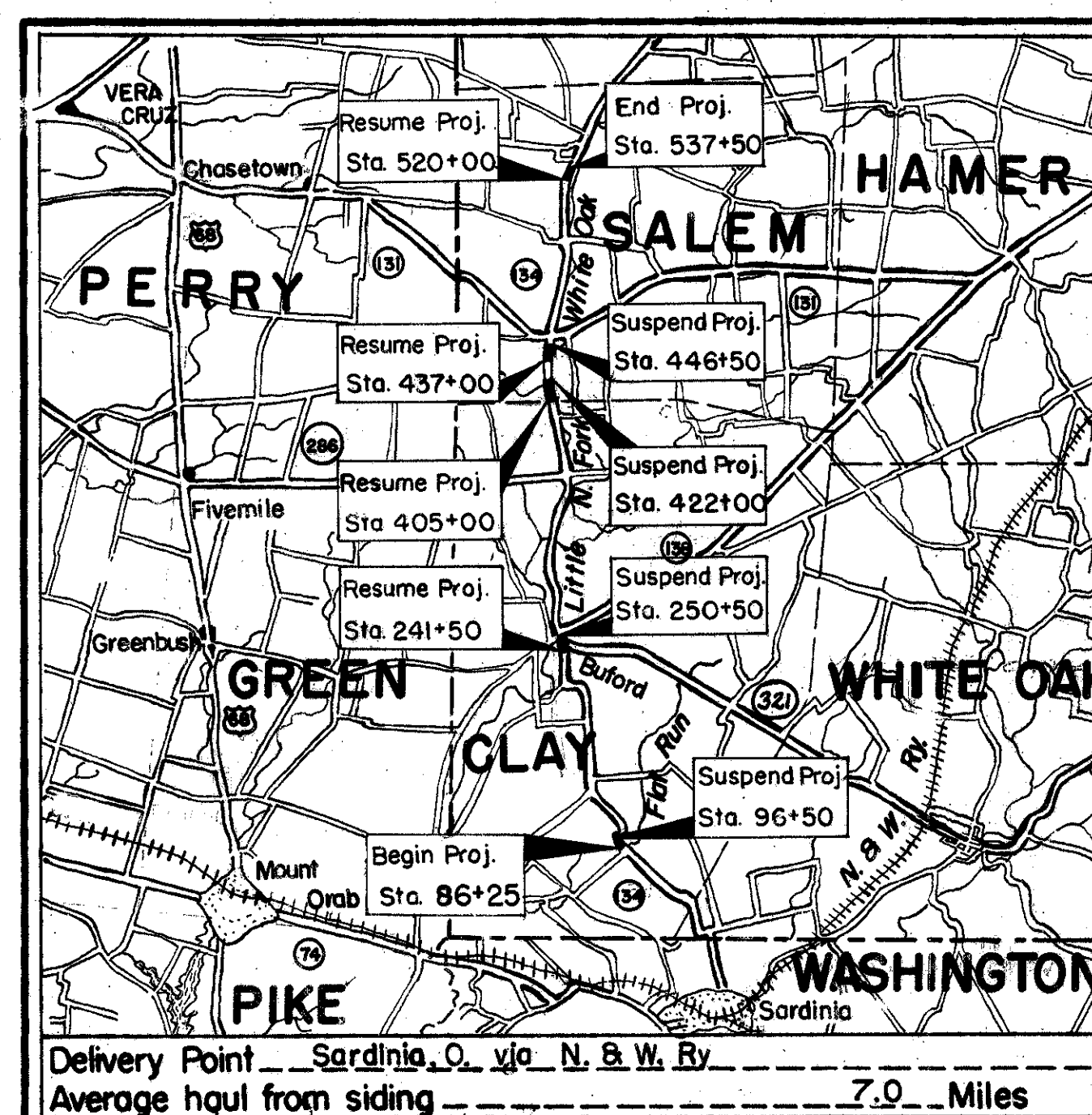
State Line	
County Line	
Township Line	
Section Line	
Center Line	
Corporation Line	
Fence Line	
Guard Rail (existing)	
Guard Rail (proposed)	
Steam Railroad	
Power Poles	
Telephone Poles	
Trees or Stumps (existing)	
Trees or Stumps (to be removed)	

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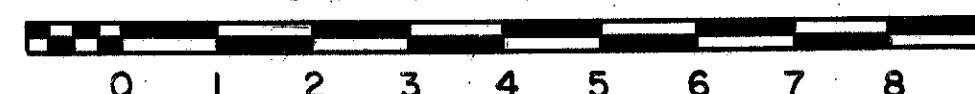
LINE DATA

Begin Project	Sta. 86+25	Add for Approaches:	
Suspend Project	Sta. 96+50	Sta. 85+75 to Sta. 86+25	50 Lin. ft.
Gross Length	1025 Lin. ft.	Sta. 96+50 to Sta. 97+00	50 Lin. ft.
Resume Project	Sta. 241+50	Sta. 241+00 to Sta. 241+50	50 Lin. ft.
Suspend Project	Sta. 250+50	Sta. 250+50 to Sta. 251+05	55 Lin. ft.
Gross Length	900 Lin. ft.	Sta. 404+50 to Sta. 405+00	50 Lin. ft.
Resume Project	Sta. 405+00	Sta. 422+00 to Sta. 422+50	50 Lin. ft.
Suspend Project	Sta. 422+00	Sta. 436+50 to Sta. 437+00	50 Lin. ft.
Gross Length	1700 Lin. ft.	Sta. 446+50 to Sta. 447+00	50 Lin. ft.
Resume Project	Sta. 437+00	Sta. 519+50 to Sta. 520+00	50 Lin. ft.
Suspend Project	Sta. 446+50	Sta. 537+50 to Sta. 539+00	150 Lin. ft.
Gross Length	950 Lin. ft.	Net Length of Approaches	605 Lin. ft. or
Resume Project	Sta. 520+00		0.114 Miles
End Project	Sta. 537+50	Total Length of Work	6930 Lin. Ft. or
Gross Length	1750 Lin. ft.		1.312 Miles
Total Length of Project	6325 Lin. ft. or		
	4.197 Miles		



LOCATION MAP

SCALE OF MILES



Portion to be improved
State Roads
Other Roads

SCALE

Plan: 1" = 20' 8.50'
Profile: Horizontal: 1" = 20' 8.50'
Profile: Vertical: 1" = 5'
Cross Sections: 1" = 5'

The standard specifications of the State of Ohio, Department of Highways, including changes and supplemental specifications listed in the proposal shall govern this improvement.

The right of way for this improvement will be provided by the State of Ohio.

I hereby approve these plans and declare that the making of this improvement will not require the closing to traffic of the highway and that provisions for the maintenance and safety of traffic will be as set forth on these plans and estimates.

Approved: Paul W. Miller P.E. 11116
Date: 2-18-58 Division Deputy Director

Approved: G. H. Mahoney
Date: 4-1-58 Deputy Director of Planning & Programming

Approved: D. H. Overman
Date: 4-4-58 Engineer of Bridges

Approved: P.E. Shultz
Date: 4-4-58 Engineer of Location & Design

Approved: P.E. Masten
Date: 4-4-58 Deputy Director of Design & Construction

Approved: _____
Date: _____ First Assistant Director

Approved: Wm. J. Thormeyer
Date: 4/10/58 Acting Director of Highways

JAN 25 1962
GROUND PHOTOLAB

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:

DIVISION ENGINEER DATE

File No. Highland County Hig.-134-(1.63)(4.57)(7.67)(8.27)(9.84)
Date of Letting 19
Contract No.

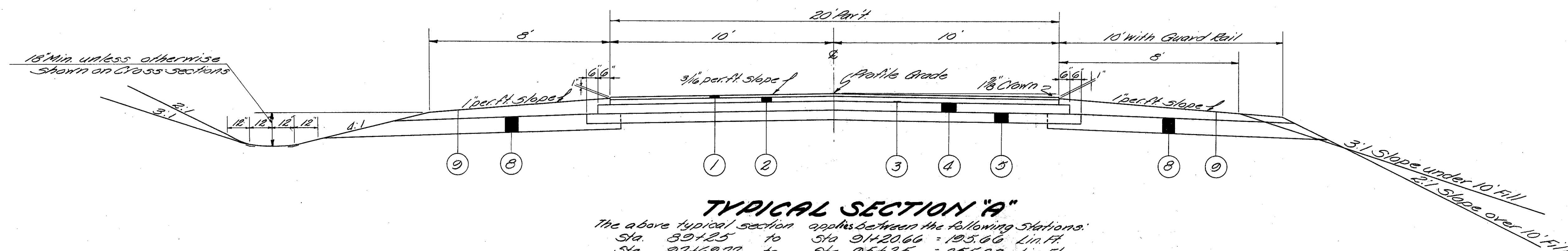
Supplemental Prints of Standard Construction Drawings									
DR-1	1-3-55	I-8 M.H. No. 1	5-1-52	RI-1	1-3-55	I-8 M.H. No. 1-A	1-3-55		
G-707	6-1-56	I-12	7-1-54	SP-53	7-21-53	I-15 N# 3	12-1-54		
I-1, 2, 3, 4, 8, 5	2-20-45	I-14G	1-22-52	S-27 P.C.-4	1-4-54	L-1	4-1-50		
I-8 C.B. 1-2-A&B	5-1-52	I-15 N# 1	8-1-55	T-35	1-2-56	S-27 P.C. 3	2-20-45		
I-8 C.B. 2-2-A&B	8-1-56	I-15 N# 2-A	6-1-57	A-2-54	12-1-54				
I-8 C.B. N# 3-A	5-1-52	L-3	4-1-50	AS-1-54	12-1-54				
I-8 C.B. N# 16	4-1-55	L-3A	4-1-50	CS-2-54 (2 Sheets)	12-1-54				

Supplemental Specifications	
B-119	Rev. 8-11-57
E-101	1-1-57

TYPICAL SECTIONS

TYPE T-35 ON B-119

Scale: $\frac{3}{8}" = 1'-0"$



TYPICAL SECTION "A"

The above typical section applies between the following Stations:

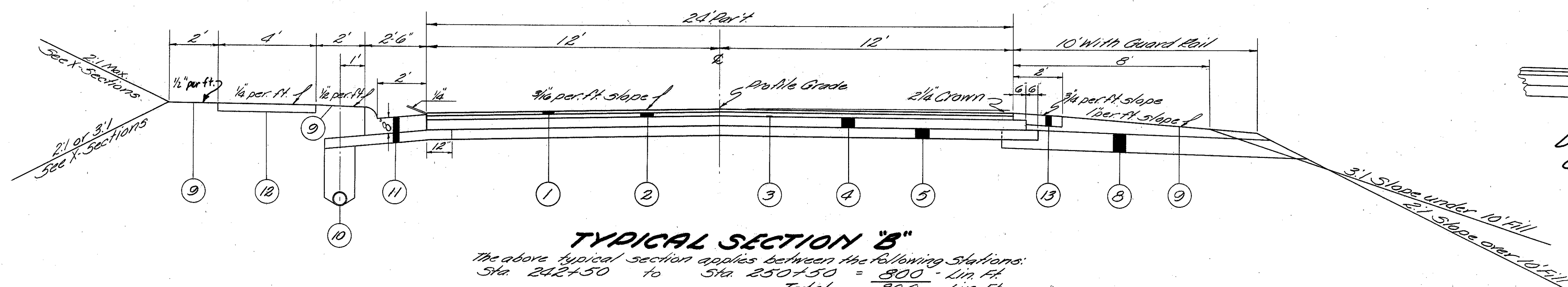
Sta. 89+25	to	Sta. 91+20.66	= 195.66	Lin. Ft.
Sta. 92+69.77	to	Sta. 95+25	= 255.23	Lin. Ft.
Sta. 406+25	to	Sta. 42+00	= 1475	Lin. Ft.
Sta. 437+95	to	Sta. 438+75	= 80	Lin. Ft.
Sta. 440+75	to	Sta. 445+50	= 475	Lin. Ft.
Sta. 520+00	to	Sta. 537+50	= 1750	Lin. Ft.
Total -				4230.89

BRIDGE No. HIG-134-0174

Limits of Bridge & Approach Slabs

Sta. 91+20.66 - Sta. 92+69.77

Typical Section "A" also applies to S.R. 321 Approach - Quantities carried on Sheet 84

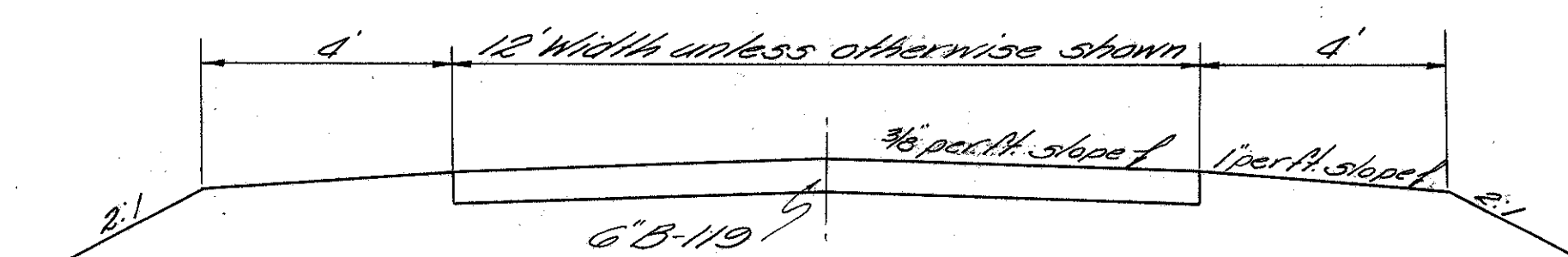


TYPICAL SECTION "B"

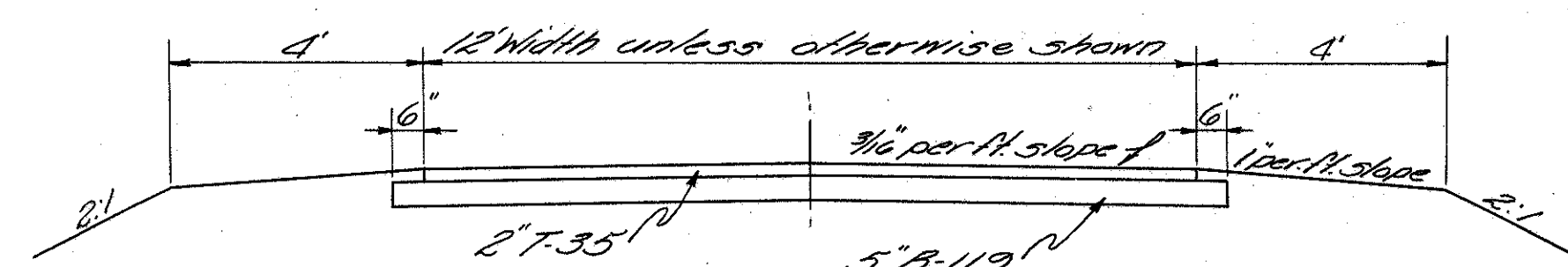
The above typical section applies between the following Stations:

Sta. 242+50	to	Sta. 250+50	= 800	Lin. Ft.
Total -				800

DETAIL OF DEEP
GUARD RAIL



TYPICAL SECTION OF FIELD DRIVE



TYPICAL SECTION OF RESIDENCE DRIVE

Residence drives shall be constructed of 2' T-35 and 5' B-119 for the full length of the reconstructed driveway within the limits of the right-of-way.

The portion of the reconstructed driveway beyond the limits of the right-of-way shall consist of 8' B-119.

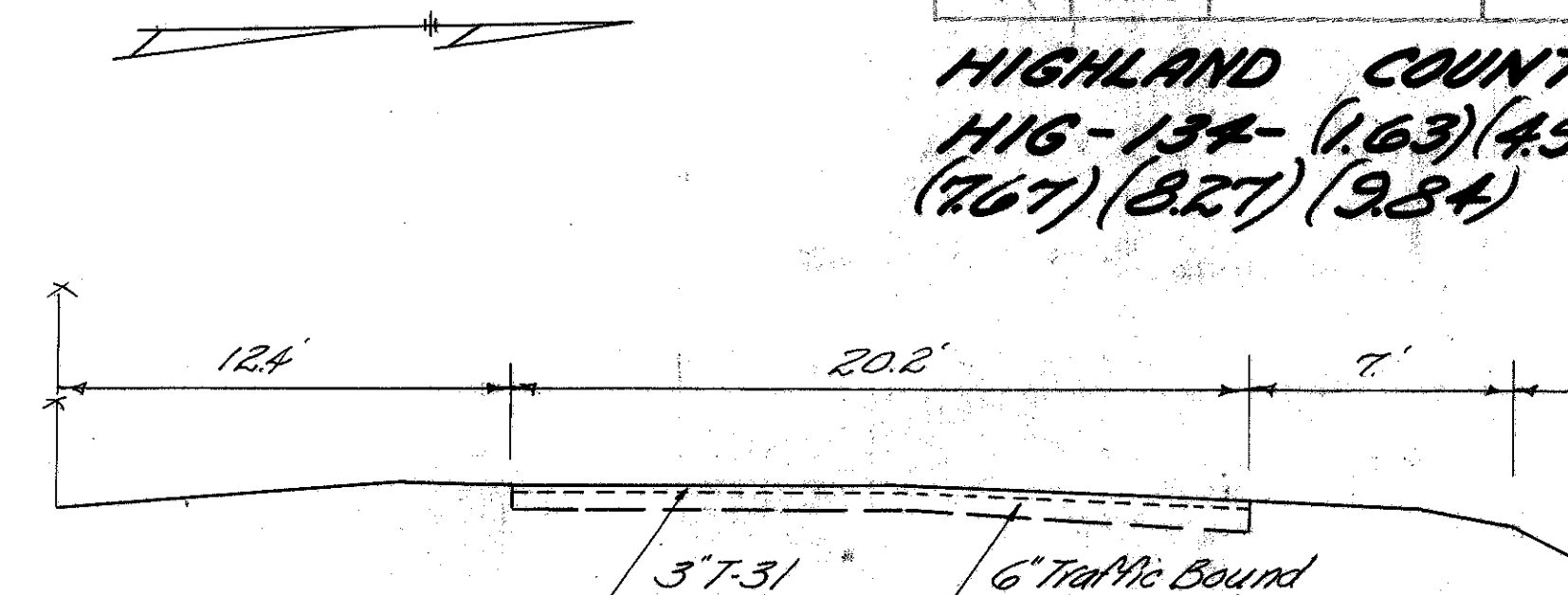
Note:
For Detail of Superelevation Shoulder Sections, See Standard Drawing R-1-1

- ⑥ Item B-119 "C" Variable Width Crushed Aggregate Base 0' Min. 10' Max. 5' 10" A.L.T. - 489' A.L.E.T.
- B-119 "D" Variable Width Crushed Aggregate Base 0' Min. 12' Max. 2' 34" A.L.T. - 2.95' A.L.E.T.
- ⑦ Item I-22 "C" Variable Width Subbase Course 0' Min. - 10' Max. 2' 81" A.L.T. - 206' A.L.E.T.
- "D" Variable Width Subbase Course 0' Min. - 12' Max. 2' 34" A.L.T. - 1.95' A.L.E.T.

- ### LEGEND
- ① Existing 4' T-31
 - ② Existing 8' Traffic Bound
 - ① Item T-35 1 1/2" Asphaltic Concrete Surface Course - Type "A" (85-100)
 - ② Item B-35 2" Asphaltic Concrete Leveling Course - (85-100)
 - ③ Item T-30 Bituminous Prime Coat, Sec. 5.7, P.H. 2 or 3 or Sec. M-5.3, MC-0 or MC-1 applied @ 0.35 gal. per sq. yd.
 - ④ Item B-119 5" Crushed Aggregate Base Course.
 - ⑤ Item I-22 5" Subbase.
 - ⑥ Item B-119 "C" Variable Thickness Crushed Aggregate Base 0' Min. 5" Max. 2.58' A.L.
 - "D" Variable Thickness Crushed Aggregate Base 0' Min. 5" Max. 1.17' A.L.
 - ⑦ Item I-22 "C" Variable Thickness Subbase Course 0' Min. 5" Max. 1.13' A.L.
 - "D" Variable Thickness Subbase Course 0' Min. 5" Max. .61' A.L.
 - ⑧ Item I-9 Storm Underdrains No. 2
 - ⑨ Item L-9 Seeding and Protecting
 - ⑩ Item I-4 Pipe Underdrains - For Detail See Sheet N-9 &
 - ⑪ Item I-12 Combination Curb and Gutter - Type - 2 - with 5' B-119 or Sec. I-4.06 porous backfill base material (Cost of base material is included in the unit price bid for Item I-12 Curb and Gutter)
 - ⑫ Item I-13 4" Concrete Sidewalk
 - ⑬ Item I-18.6 Stabilized Crushed Aggregate Shoulders and Approaches

FED. REG. DIVISION	STATE	PROJECT	
2	OHIO		

HIGHLAND COUNTY
H16-134-(1.63)(4.57)
(7.67)(8.27)(9.84)



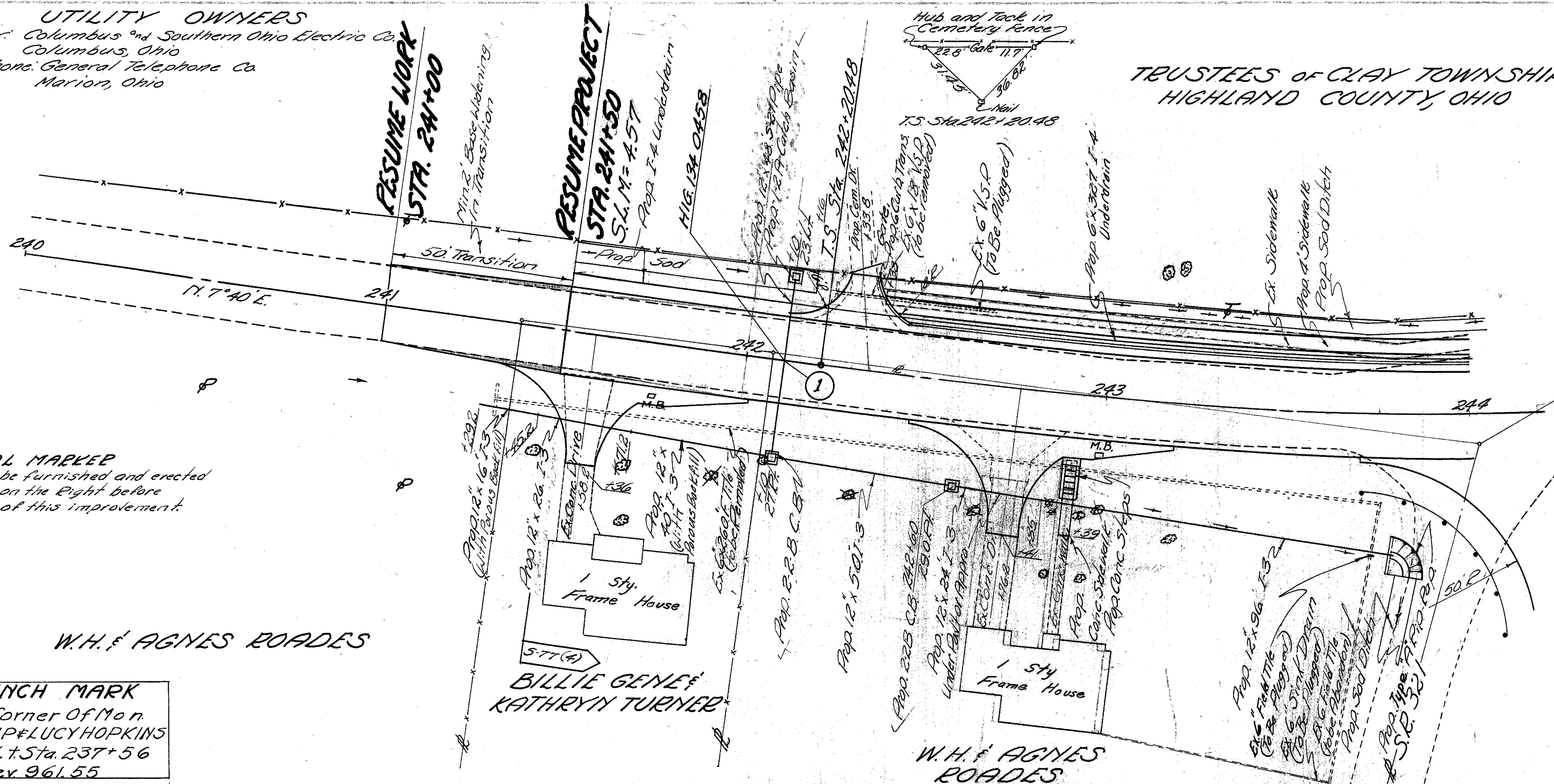
TYPICAL SECTION OF ADJACENT
PAVEMENT AT RESUME PROJECT
FOR ESTIMATED QUANTITIES
SEE SH. N° 7-8
FOR INTERSECTION DETAIL SEE SH N° 84
FOR STRUCTURE DETAIL SEE SH N° 88

ESTIMATED QUANTITIES

ESTIMATED QUANTITIES						
Station	Side	1-3 Pipe	1-3	1-3 Pipe	5-27	1-4
		Underdrain or Appl.	Pipe	Porous Back Fill	Pipe for Roadway Culvert	Pipe Underdrains
		12"	12"	12"	12"	6"
		Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.
241+29.2-241+45.2	CH					
241+45.2-241+71.8	CH	26				
241+70-241+100	LT					250
241+118-242+09	CH			40		
242+10	CH				48	
242+11-242+59	CH		50			
242+61-242+85	CH	24				
242+85-243+81	CH		96			
TOTAL		50	146	50	48	250
241+117-241+117.6	CH	12-12"	1-10"	7-35"	3-119"	1-8"
Station	Side	Pipe Removal 15' Under	Soobling	Asphlote Surface Course 12"	5"	Catch Basins 12A 22B
		Lin. Ft.	Sq. Yds.	Sq. Yds.	Sq. Yds.	EACH
241+33-242+10	CH	260				
241+30-242+10	LT		44			
241+53.2 (Res. Dr.)	CH			60	65	
242+33.5 (Curb & G.)	LT			266	30	
242+10	CH					1
242+10	CH					1
242+33.5	LT	18				1
242+35-244+00	LT		55			
242+76.2 (Res. Dr.)	CH			78.88	85	
TOTAL		278	99	163.48	180	1 2
Station	Side	1-13	1-13	5-24	1-12	1-13
		4' Conc. Sock. Bulk	Conc. Sock. R5 F15	Ext. material or exist. should	Conc. Guide	519.9 Sigsbee Appl. 6' Sp. Yds.
		Sq. Ft.	Lin. Ft.	Shovel	Lin. Ft.	Sq. Yds.
241+53.2 (Res. Dr.)	CH					
242+33.5 (Curb & G.)	LT					
242+76.2 (Res. Dr.)	CH					
242+35-244+00	LT		648			
242+93-244+13	CH		30			
242+15.2-245+00	CH					
242+28 Conc. Haul	LT				Lump	
242+30-244+00	LT					172
241+00-248+10	LT					257
241+00-241+38	CH					844
242+00-242+50	CH					1111
243+20-243+70	CH					1111
TOTAL		678	24	Lump	172	363.9

STA. 240+00 TO STA. 244+00

TRUSTEES OF CLAY TOWNSHIP
HIGHLAND COUNTY, OHIO

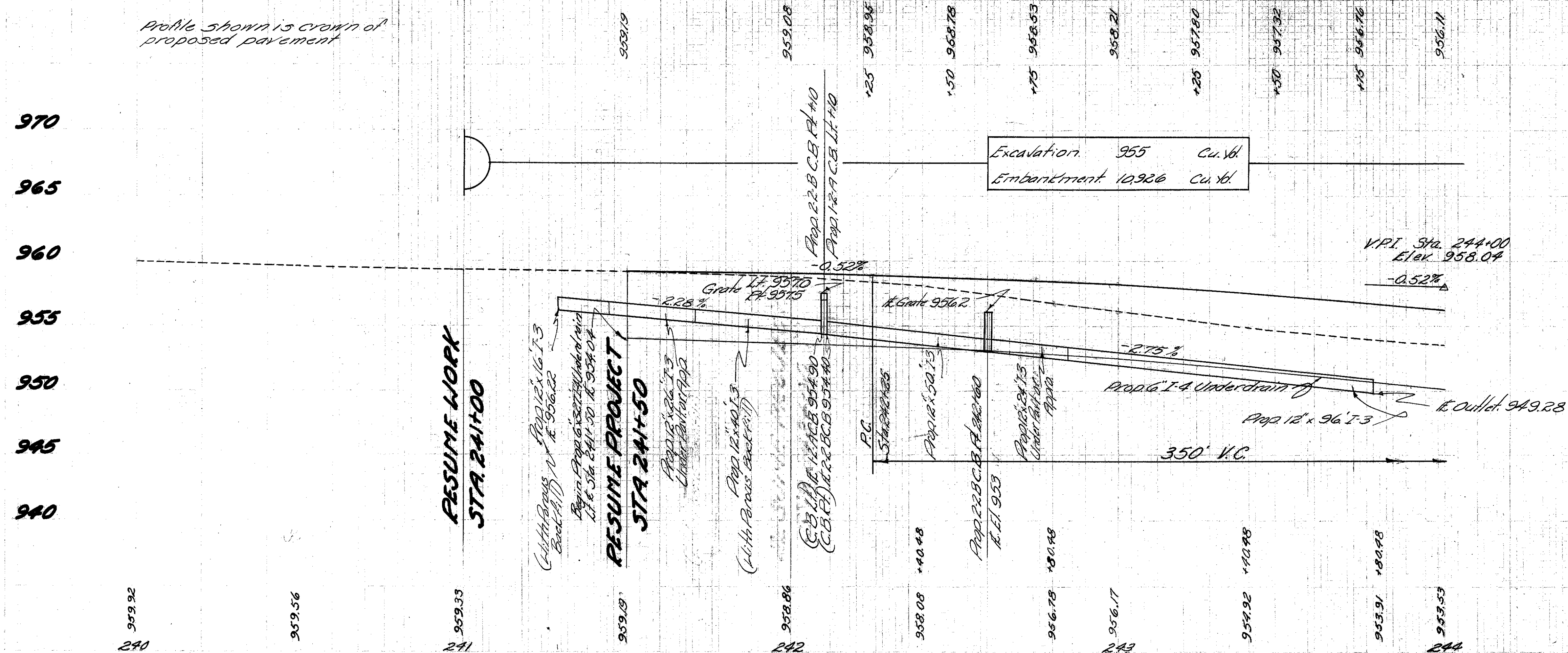


FEDERAL MARKER
Marker will be furnished and erected
by the State on the Right before
acceptance of this improvement.

W.H. & AGNES ROADES

BENCH MARK
S.E. Corner Of Mon.
PHILIP & LUCY HOPKINS
38.1' L. Sta. 237+56
Elev. 961.55

Profile shown is crown of proposed pavement



MICROFILMED
MAR 3 1987

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

17
110

HIGHLAND COUNTY
HIG-134-(163) (457)
(267) (827) (934)
EXISTING BRIDGE DATA

Bridge No. **HIG-134-0469**
Type **Steel Beam**
Span **27'-6"**
Roadway **13'-10"**
Condition **Poor**
Reduction **80%**
Suff. Rating **23**

FOR ESTIMATED QUANTITIES
SEE SH. 17-8
FOR STRUCTURE DETAIL
SEE SH. 17-90

PROPOSED STRUCTURE
Type **Sectional Corrugated Plate**
Pipe Arch
Size **10'-1" x 16'-7" x 93'-0"**

ESTIMATED QUANTITIES

Station	Side	I-4 Pipe Underdrain Lin. Ft.	I-10 Sodding Sq. Yds.	I-12 Conc. Gutter Lin. Ft.
244+00-244+75	Lt.	75		
244+00-244+70	Lt.		163.3	
244+00-246+74	Lt.			274
244+70-246+74	Lt.	204		
246+70-248+24	Lt.	148		
248+26-249+00	Lt.	74		
247+25-249+00	Lt.		116.6	
246+70-248+24	Lt.			148
248+26-249+00	Lt.			74

Station	Side	I-4 Pipe Underdrain Lin. Ft.	I-10 Sodding Sq. Yds.	I-12 Conc. Gutter Lin. Ft.
244+00-244+75	Lt.	75		
244+00-244+70	Lt.		163.3	
244+00-246+74	Lt.			274
244+70-246+74	Lt.	204		
246+70-248+24	Lt.	148		
248+26-249+00	Lt.	74		
247+25-249+00	Lt.		116.6	
246+70-248+24	Lt.			148
248+26-249+00	Lt.			74

Station	Side	I-4 Pipe Underdrain Lin. Ft.	I-10 Sodding Sq. Yds.	I-12 Conc. Gutter Lin. Ft.
244+00-244+75	Lt.	75		
244+00-244+70	Lt.		163.3	
244+00-246+74	Lt.			274
244+70-246+74	Lt.	204		
246+70-248+24	Lt.	148		
248+26-249+00	Lt.	74		
247+25-249+00	Lt.		116.6	
246+70-248+24	Lt.			148
248+26-249+00	Lt.			74

Station	Side	I-4 Pipe Underdrain Lin. Ft.	I-10 Sodding Sq. Yds.	I-12 Conc. Gutter Lin. Ft.
244+00-244+75	Lt.	75		
244+00-244+70	Lt.		163.3	
244+00-246+74	Lt.			274
244+70-246+74	Lt.	204		
246+70-248+24	Lt.	148		
248+26-249+00	Lt.	74		
247+25-249+00	Lt.		116.6	
246+70-248+24	Lt.			148
248+26-249+00	Lt.			74

Station	Side	I-4 Pipe Underdrain Lin. Ft.	I-10 Sodding Sq. Yds.	I-12 Conc. Gutter Lin. Ft.
244+00-244+75	Lt.	75		
244+00-244+70	Lt.		163.3	
244+00-246+74	Lt.			274
244+70-246+74	Lt.	204		
246+70-248+24	Lt.	148		
248+26-249+00	Lt.	74		
247+25-249+00	Lt.		116.6	
246+70-248+24	Lt.			148
248+26-249+00	Lt.			74

SPIRAL DATA CURVE

PI-245+22.75
 $\Delta = 45^\circ 39' 11''$
Dc 12'00'
Ls 200.0'
Ts 302.27'
Es 44.335'
Xs 13.92'
Ys 199.12'
Os 12.0'

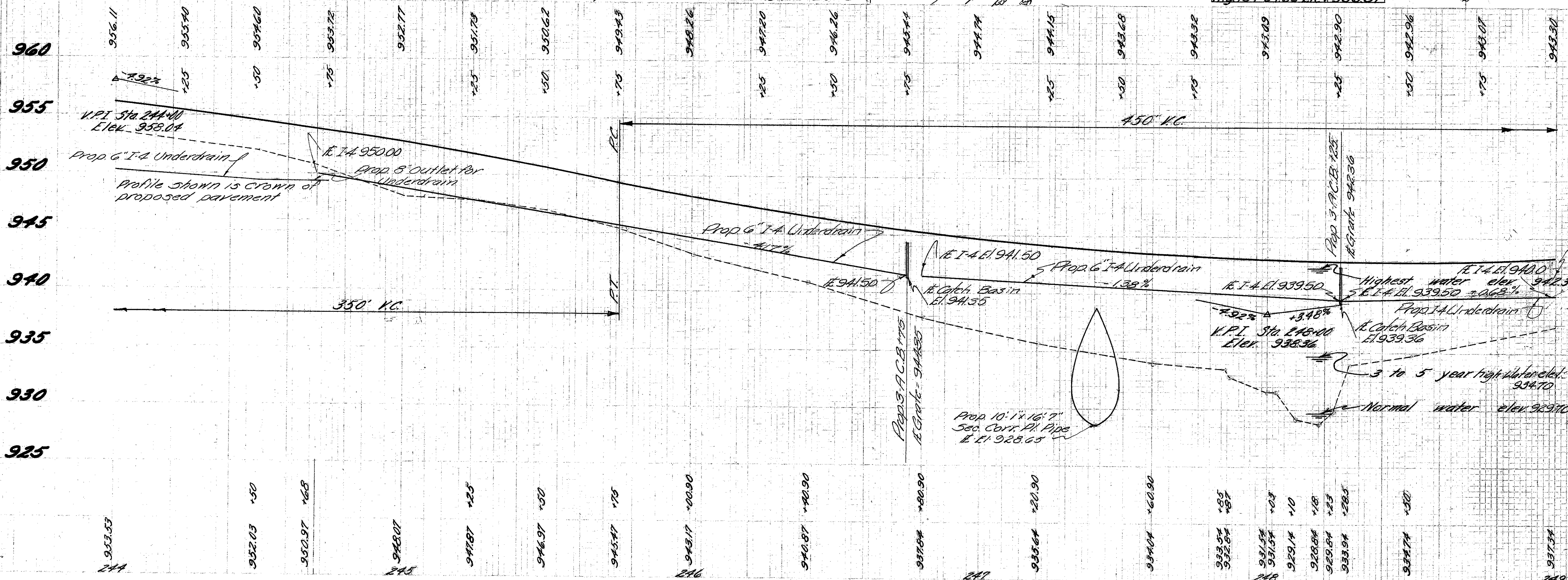
TRUSTEES OF CLAY TOWNSHIP
HIGHLAND COUNTY, OHIO

Note:
Ex. Gate Way is to Remain in Use
For Pedestrian Traffic Only.
Depressed Curb or Entrance Way
For Vehicular Traffic is Not to be Permitted.

Note:
6 G. Rail Post L.T. & Sta.
247+28 - 248+53 To Be
Removed Under Item E-1

BENCH MARK
a Cut On N.E. Corner Of
S.E. Wing Wall Bridge No.
Hig 134 0469 Elev 936.97

For Detail of Prop.
Intersection See Sheet 17-84
JOHN L. & BESSIE B. HESS

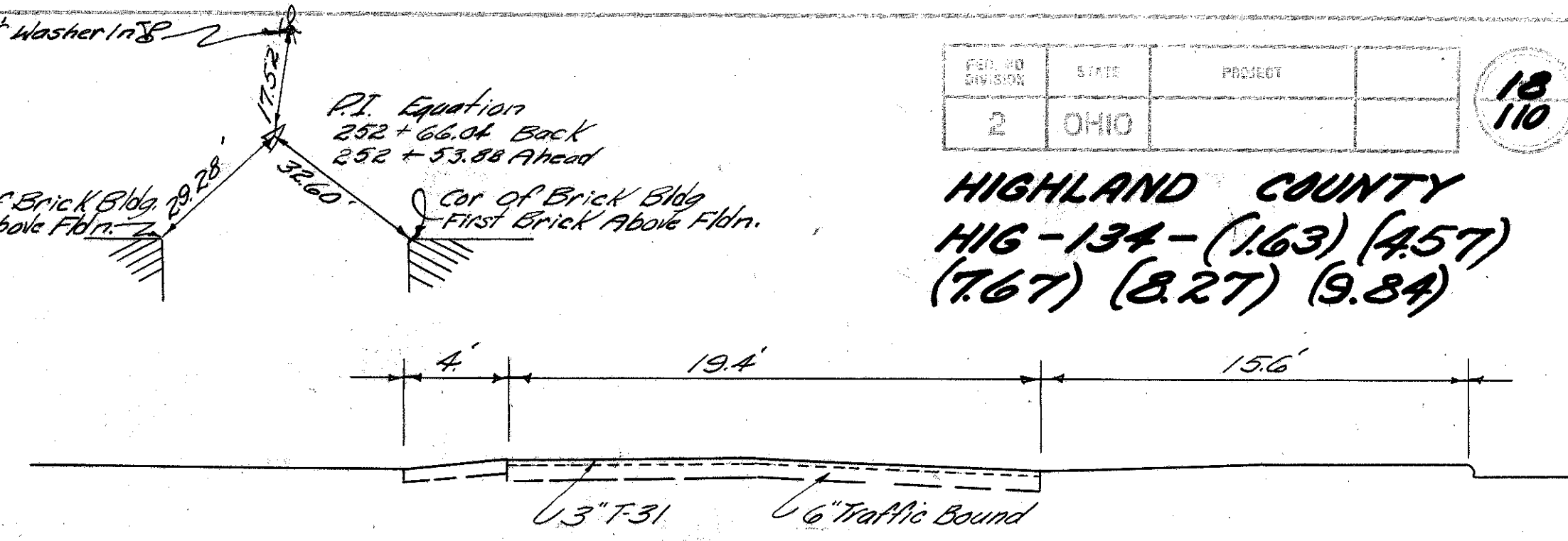
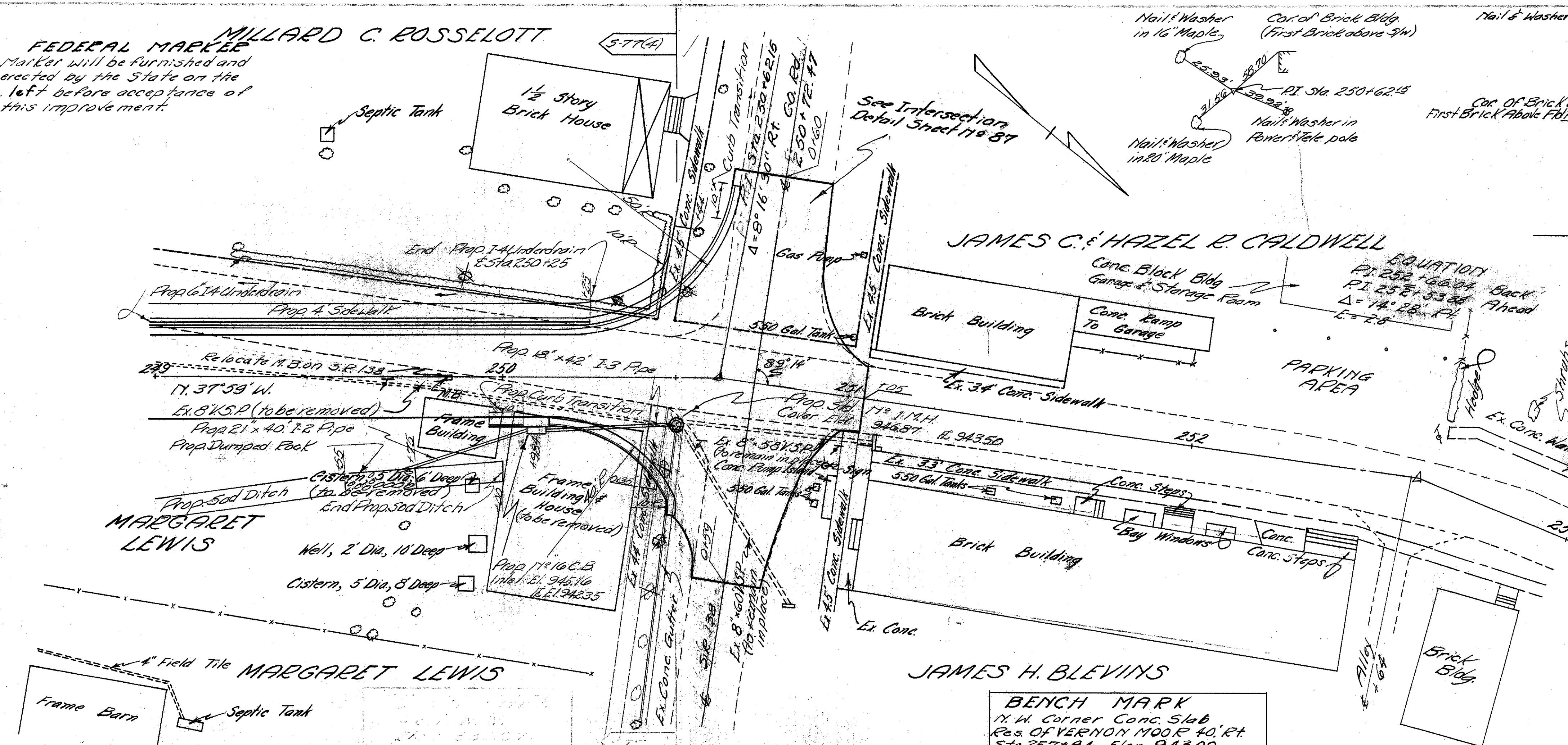


FEDERAL MARKER
Marker will be furnished and
erected by the State on the
left before acceptance of
this improvement.

FILE NO 200-5006	DATE 5/7/68	PROJECT	
2	OHIO		

18
110

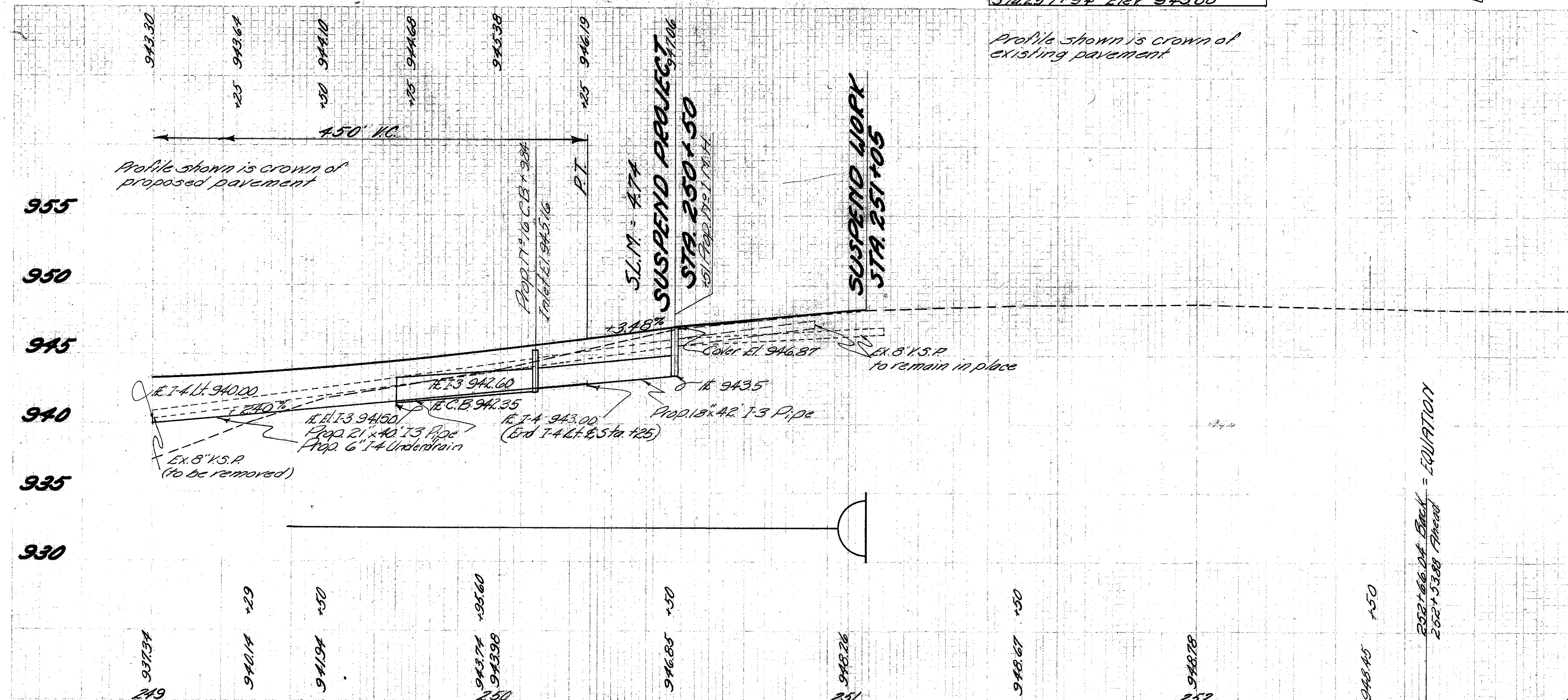
HIGHLAND COUNTY
HIG-134-(1.63) (4.57)
(7.67) (8.27) (9.84)



TYPICAL SECTION OF ADJACENT
PAVEMENT AT SUSPEND PROJECT.

		QUANTITIES						
		I-4 Pipe Underlain 6"	I-3 Box Under Pav't App. 12"	I-2 Storm Sewer's 27"	I-12 Conc Curb & gutter	I-8 C. Basins 17' x 10'	I-8 17' x 1' 17' x 1'	E-12 Place & removed Under 15"
Station	Side	Kira Ft.	Kira Ft.	Kira Ft.	Kira Ft.	EACH	EACH	kira Ft.
249+00-250+25	Lt.	125						
249+00-250+50	Rd.							150
249+69-250+08	Ft.			40				
250+10-250+52	Ft.		42					
250+09.84	Ft.					1		
250+51	Ft.						1	
249+00-250+63	Lt.				136			
✓ 249+86-250+06	Ft.				10			
250+06-250+30	Ft.				45			
TOTAL		125	42	40	241	1	1	150
Station	Side	I-12 Stab. Sp. lvs. & App. 6"	I-13 T. Corne, Side Walk Channel Protection	I-10 V. Bagl. Soading	I-10 Soading			
249+00-249+96	Rd.	Sq Yds. 102	Sq Ft.	Cu Yds.	Sq Yds.			
249+00-250+50	Lt.		680					
249+55-249+75	Ft.			38				
249+00-249+55	Ft.				36.6			
249+75-250+00	Ft.				10.6			
250+48	Ft.		16					
TOTAL		64	686	88	53.2			

TOTAL	64	696	88	532			
FOR ESTIMATED QUANTITIES SEE SHEET N° 7-8 FOR INTERSECTION DETAIL SEE SHEET N° 87							



252 + 66.04 Back = EQUATION
352 + 53.98 Ahead

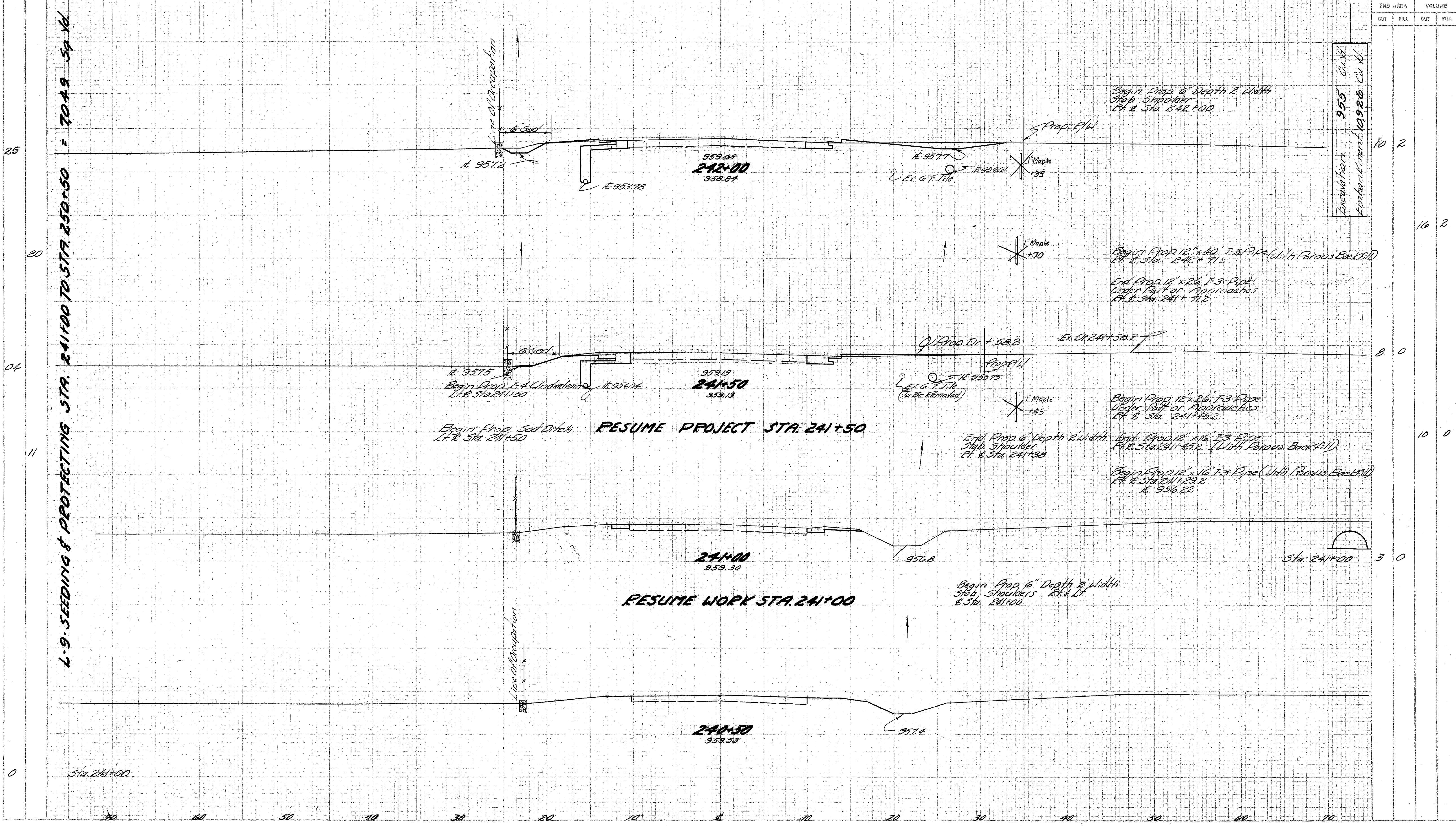
SECTION
END
WIDTH
30
YRS.

SECTION	STATE	PROJECT
2	OHIO	

10
110

HIGHLAND COUNTY
HIG-134-(1.63)(4.57)
(767)(8.27)(9.84)

END AREA		VOLUME	
CUT	FILL	CUT	FILL



STA. 240+50 TO STA. 242+00

SEEDING
END
VOLUME

FED. RD. DIST.	STATE	PROJECT
2	OHIO	

42
110

HIGHLAND COUNTY
HIG-134-(1.63)(4.57)
(7.67) (3.27) (9.84)

END AREA		VOLUME	
CUT	FILL	CUT	FILL
5	103		
		3	74
3	97		
		2	36
2	81		
		1	57
2	73		
		1	40
0	51		

End Prop 6' Depth 2' Width
Sub Shoulder
Sta. 243+70

Begin Prop 6' Depth 2' Width
Sub Shoulder
Sta. 243+20

Begin Prop 12"x36" I-3 Pipe
Sta. 242+85

Prop Concrete Steps
Sta. 242+93
5' Rise 15' Run
Sta. 242+80.48

Prop 4' Conc. Side Walk
Sta. 242+93
30.54 ft
Sta. 242+80.48



STA. 243+00.48 TO STA. 243+60.48

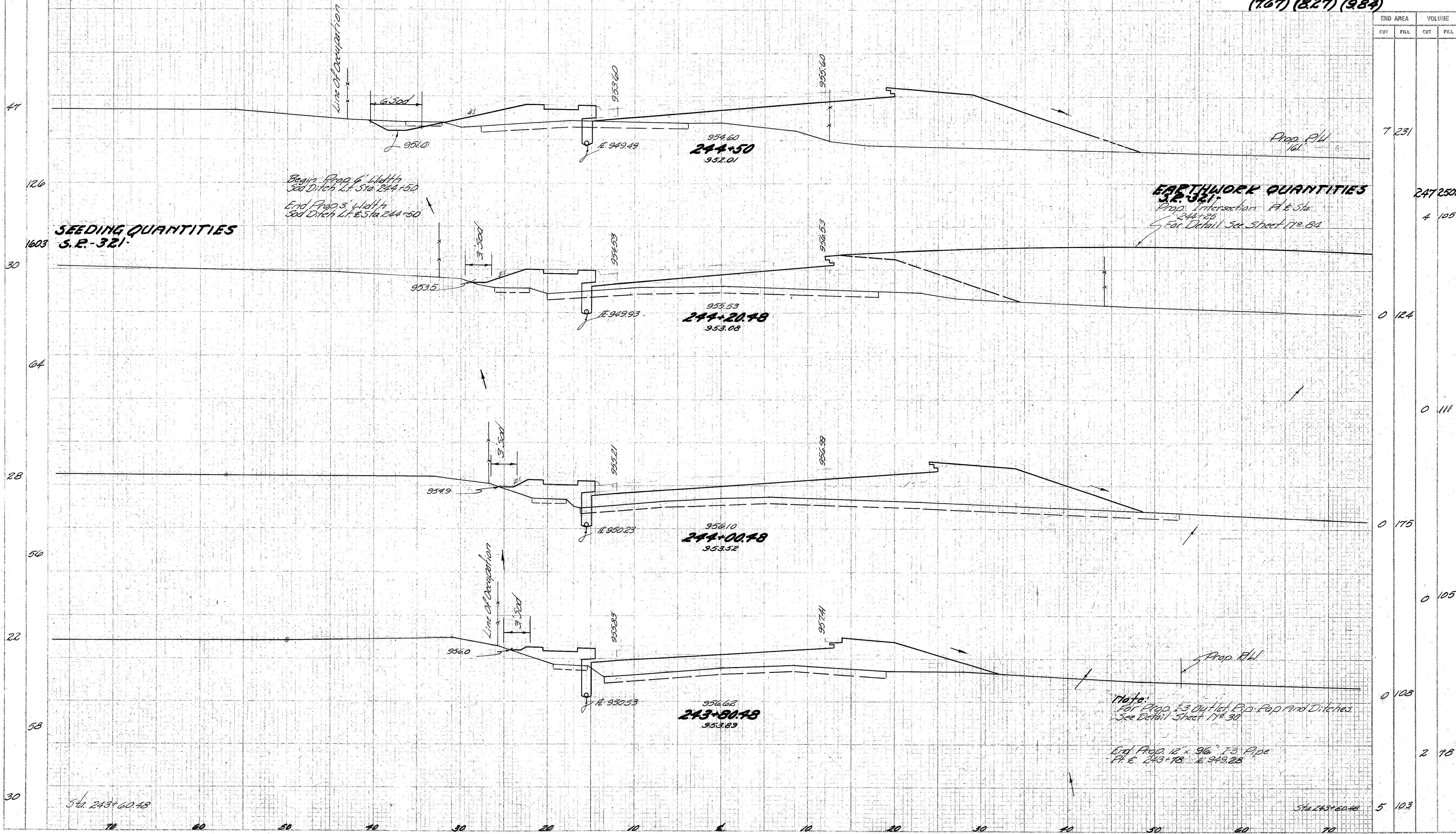
SEEDING
END WIDTH
50 YDS

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

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110

HIGHLAND COUNTY
H16-134-(1.63)(4.57)
(7.67)(8.27)(9.84)

END AREA		VOLUME	
CUT	FILL	CUT	FILL

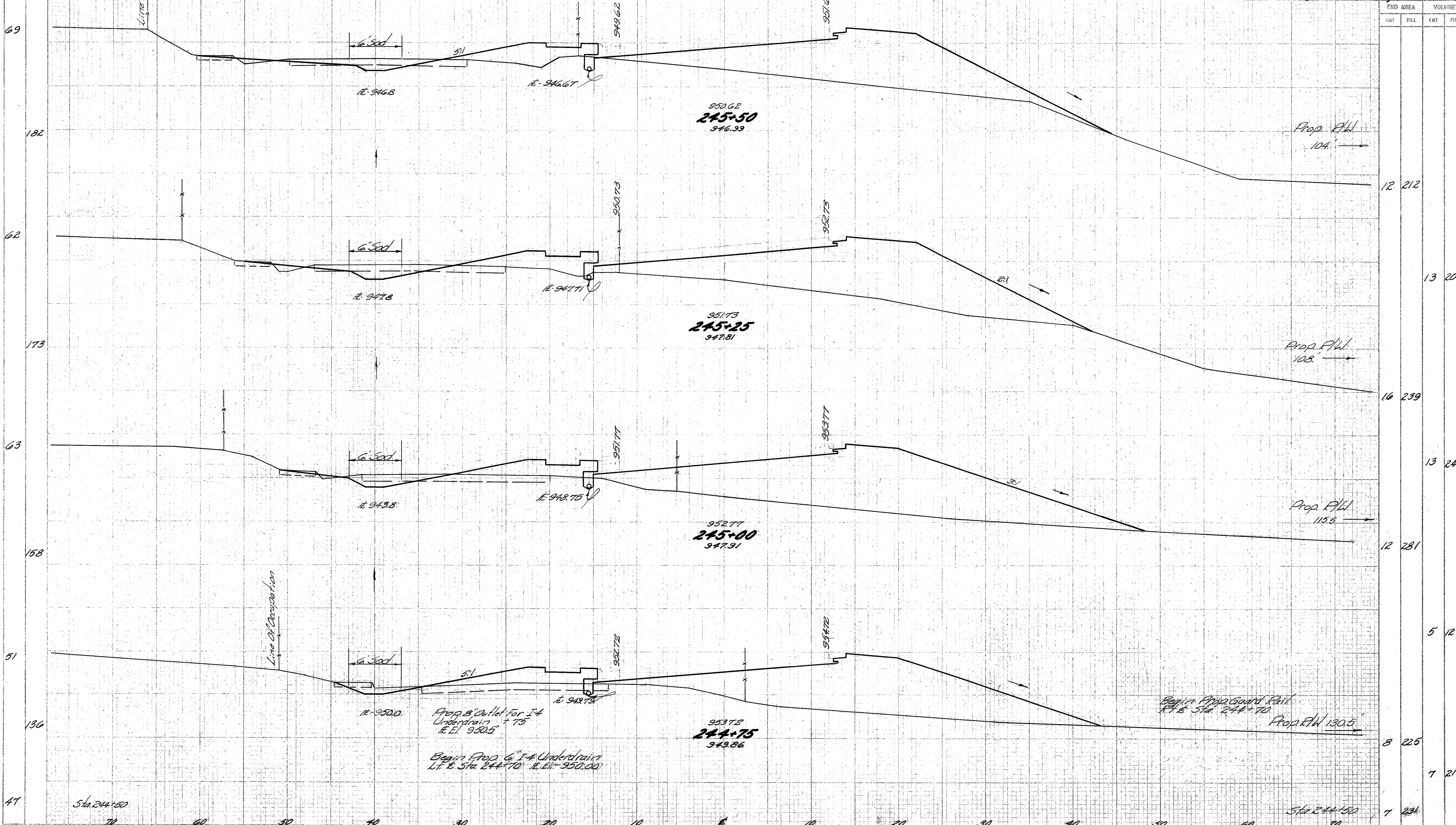


SECTION
END WIDTH
SQ. YDS.

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

44
110

HIGHLAND COUNTY
HIG-134-(163)(457)
(767) (827) (934)



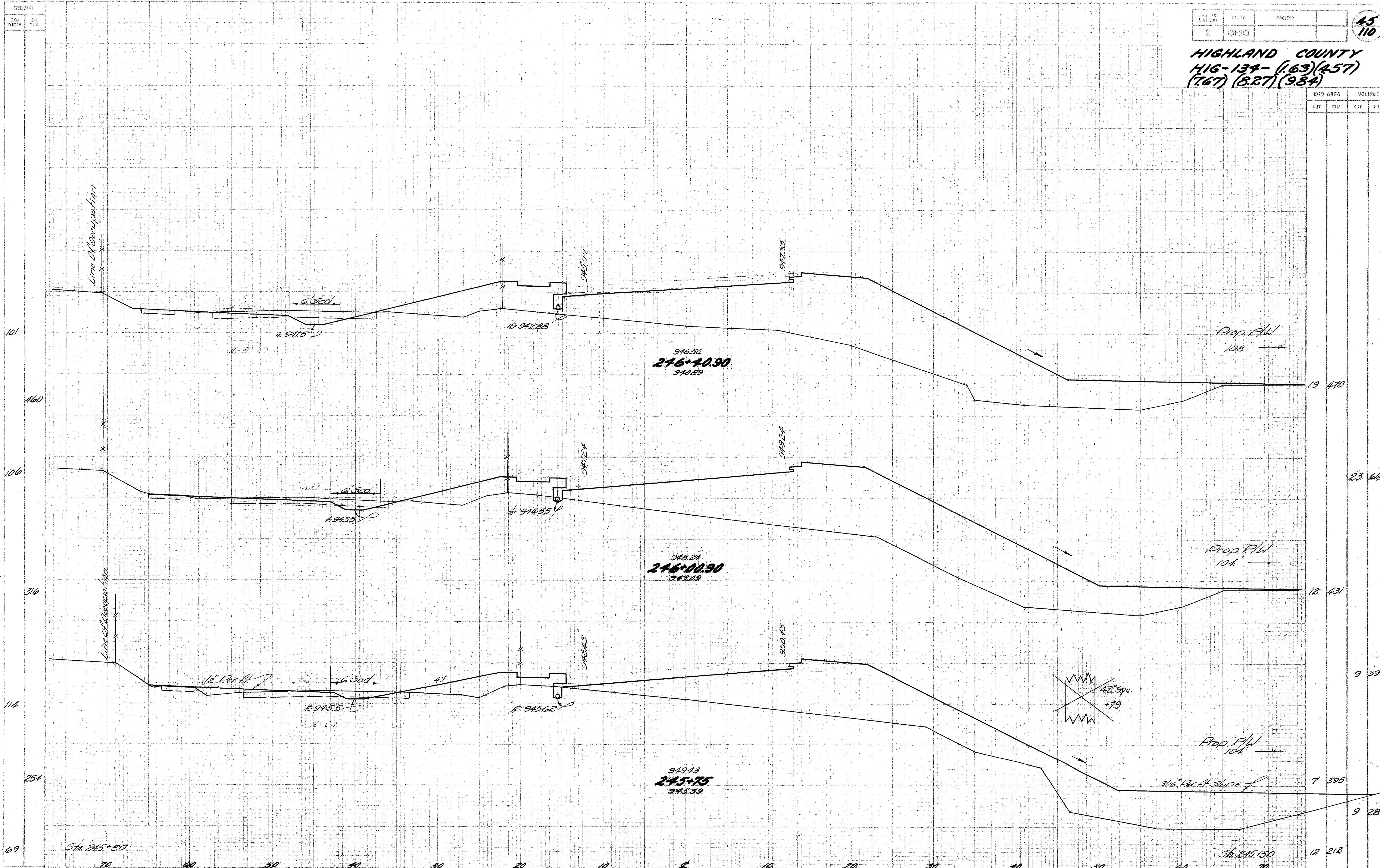
SEEDING
END WIDTH
5/1
YDS.

FOR DIST. DIVISION	STATE	PROJECT
2	OHIO	

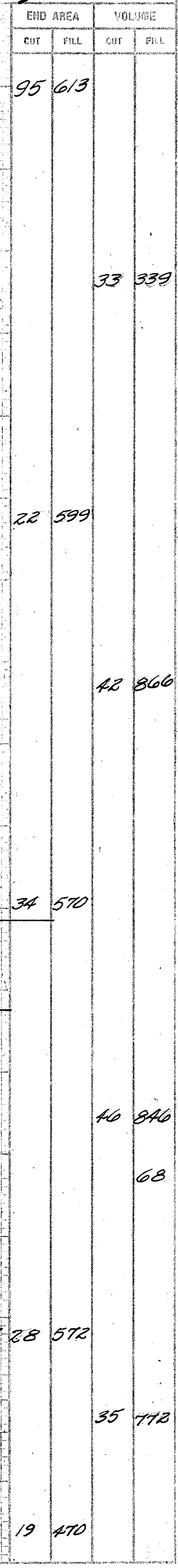
45
110

HIGHLAND COUNTY
HIG-134-(1.63)(4.57)
(7.67)(8.27)(9.84)

END AREA		VOLUME	
CUT	FILL	CUT	FILL



46
110



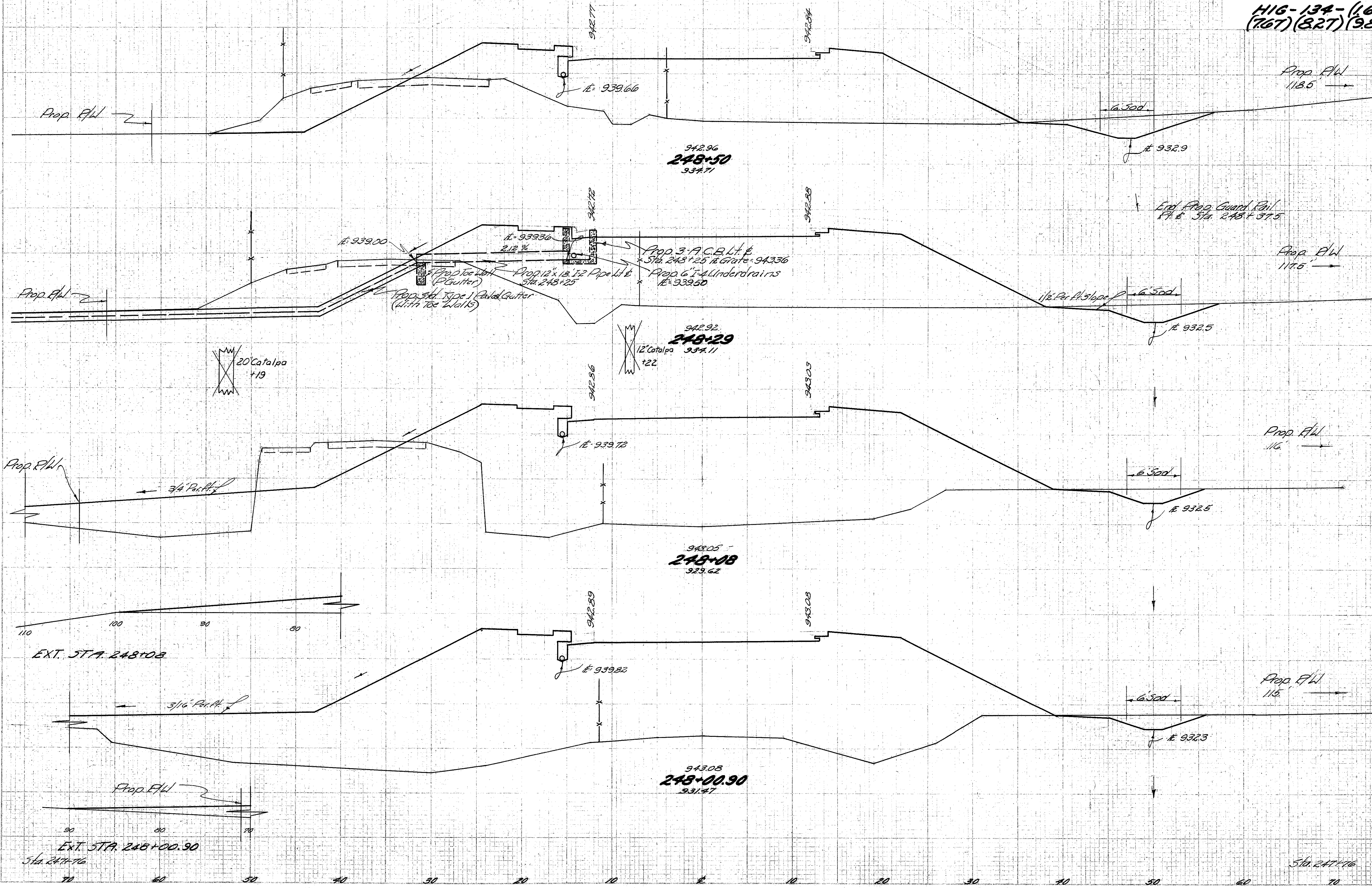
STA. 246+80.90 TO STA. 247+76

SEEDING
END WIDTH
SU
YDS.

77
167
66
218
121
92
112
250
91

HIGHLAND COUNTY
H16-134-(163)(457)
(767)(827)(984)

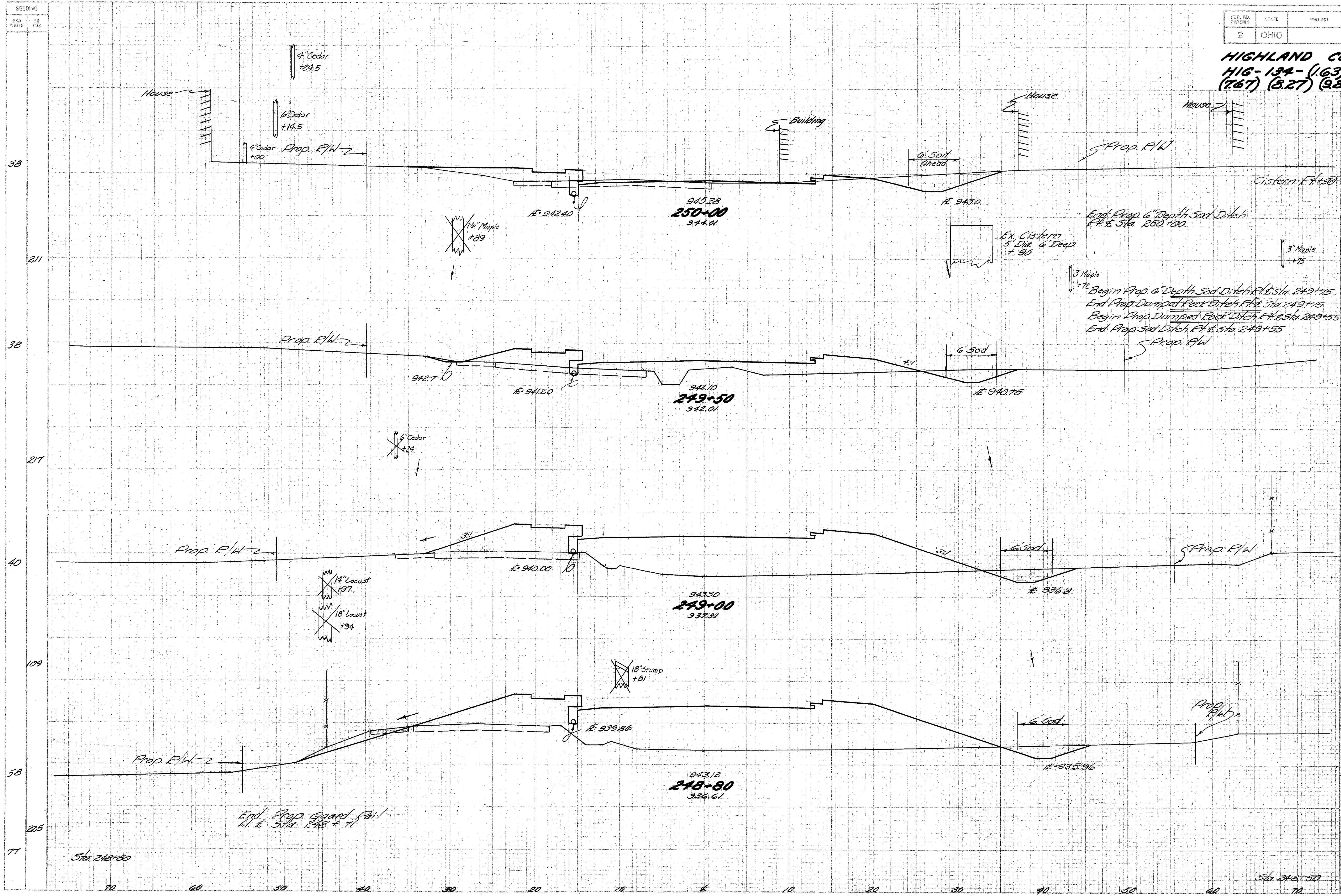
END AREA		VOLUME	
CUT	FILL	CUT	FILL
78	365		
		62	315
81	440		
		58	484
67	798		
		10	830
12	999		
		49	743
95	613		



STA 248+00.90 TO STA 248+50

HIGHLAND COUNTY
HIG-134-(1.63)(4.57)
(7.67) (3.27) (9.34)

END AREA		VOLUME	
CUT	FILL	CUT	FILL
18	24		4
		28	88
18	71		
		21	270
10	22.1		
		11	133
19	274		
		54	355
78	365		



STA 248+80 TO STA 250+00

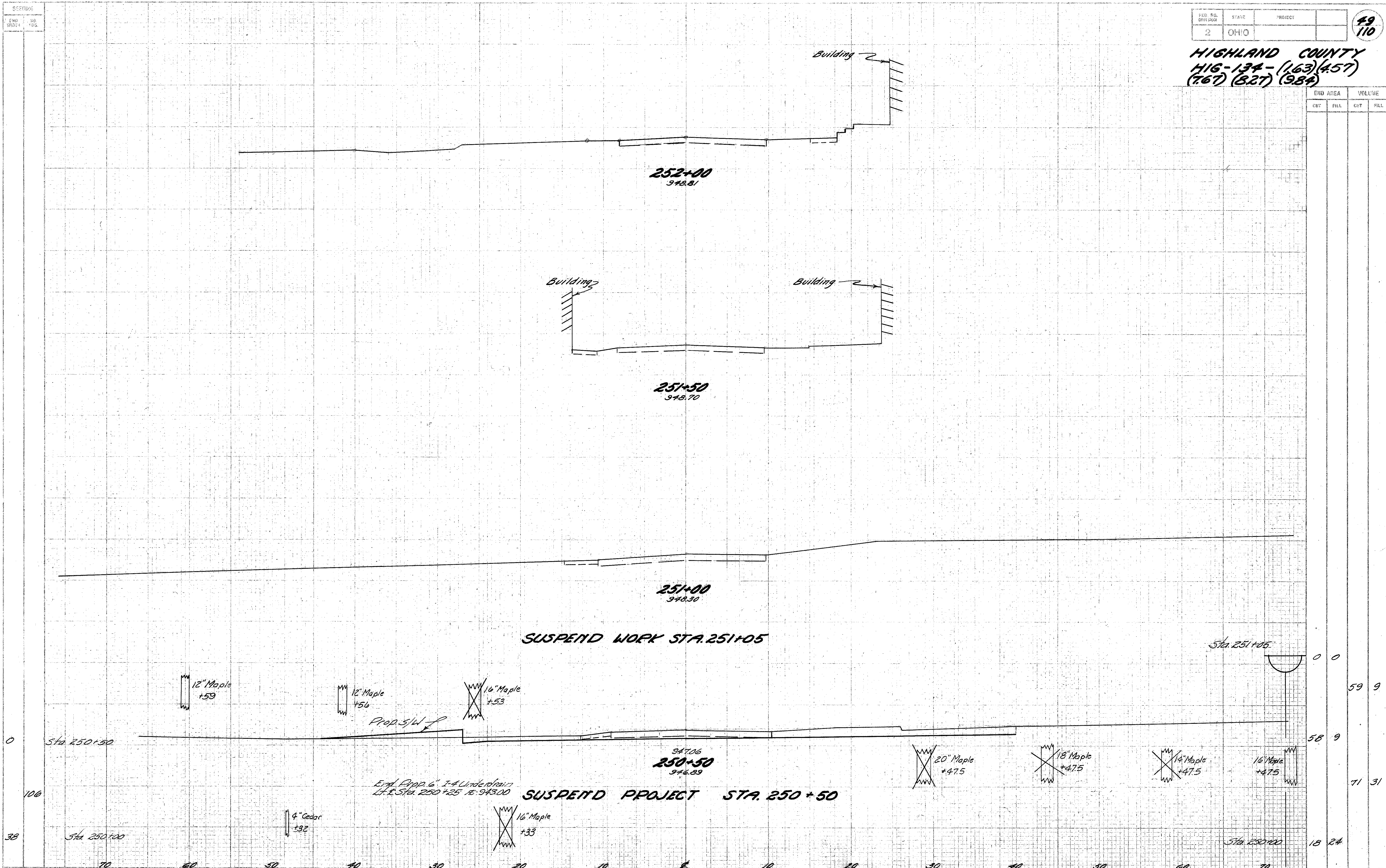
SECTIONS
END
VOLUME
YDS.

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

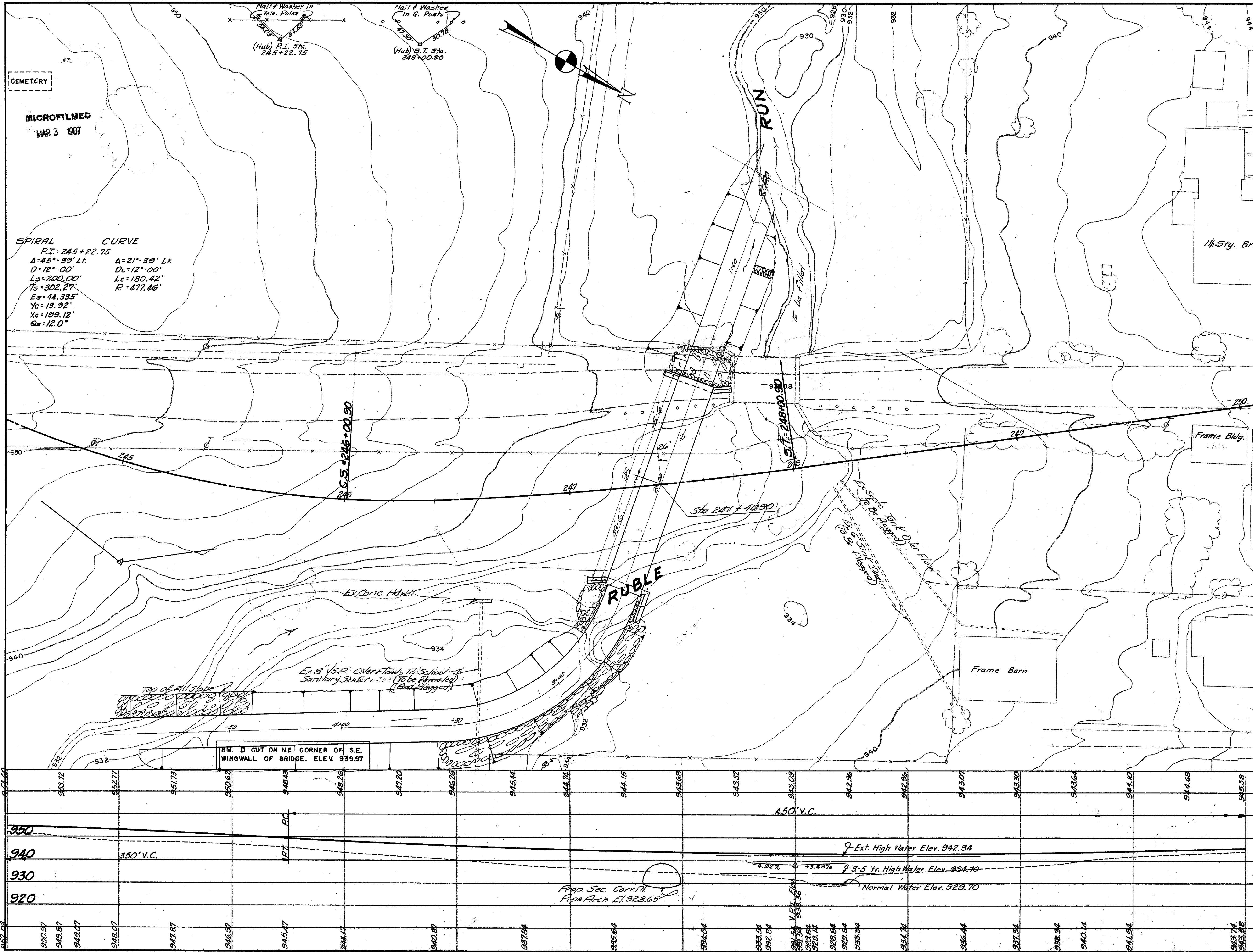
49
110

HIGHLAND COUNTY
H16-134-(163)(457)
(767) (827) (984)

END AREA		VOLUME	
CUT	FILL	CUT	FILL



STA. 250+50 TO STA. 252+00



FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

HIGHLAND COUNTY
HIG-134- (1.63) (457)
(7.67) (3.27) (9.84)

MICROFILMED
MAR 3 1987

SPIRAL CURVE
P.I. = 245+22.75
 $\Delta = 45^\circ - 30' - 11''$ Lt. $\Delta = 21^\circ - 30' - 11''$ Lt.
 $D = 12^\circ - 00'$ $D_c = 12^\circ - 00'$
 $L_s = 200.00'$ $L_c = 180.42'$
 $T_s = 302.27'$ $R = 477.46'$
 $E_s = 44.335'$
 $Y_c = 13.92'$
 $X_c = 199.12'$
 $G_s = 12.0^\circ$

NO CURVE
P.T. = 230+62.15
 $\Delta = 8^\circ - 16' - 30''$ Rt.

EXISTING BRIDGE DATA	
Bridge No.	HIG-134-0469
Type	Steel Beam
Span	27'-6"
Roadway	13'-10"
Condition	Poor
Reduction	80%
Suff. Rating	23

DRAINAGE AREA = 3.10 Sq. Mi.
Alignment & Grade Approved
3/25/57
3/25/57

PROPOSED STRUCTURE	
Bridge No.	HIG-134-0468
Type	Sec. Corr. Pl. Arch
Size	16'-7" x 10'-1"
Length	98'
Skew	26'00" LF
Alignment	12' Curve Left
Roadway	40' w/ Guard Rail

STATE OF OHIO DEPARTMENT OF HIGHWAYS BUREAU OF BRIDGES					
SITE PLAN					
BRIDGE NO.		HIG. - 134 - 0469			
HIGHLAND CO.		S.R. - 134			
SEC.		STA.			
SCALE 1" = 20'					
PRESENT TOPOGRAPHY			PROPOSED WORK		
SURVEYED	DRAWN	DESIGNED	DRAWN	CHECKED	REVIEWED
Aerial Survey	Aerial Survey				

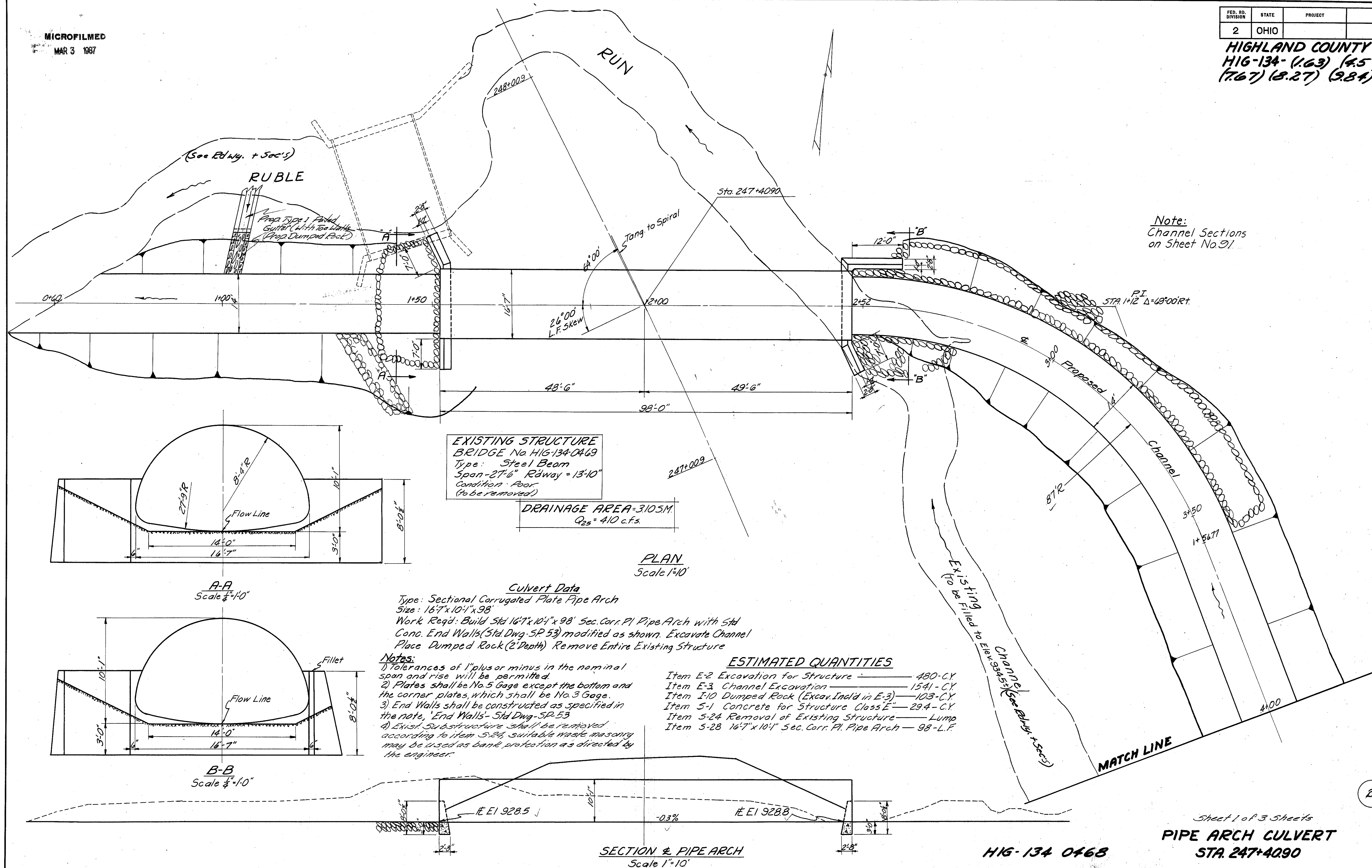
MICROFILMED
MAR 3 1987

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

30
110

HIGHLAND COUNTY
H16-134- (1.63) (4.57)
(7.67) (8.27) (9.84)

Note:
Channel Sections
on Sheet No. 91

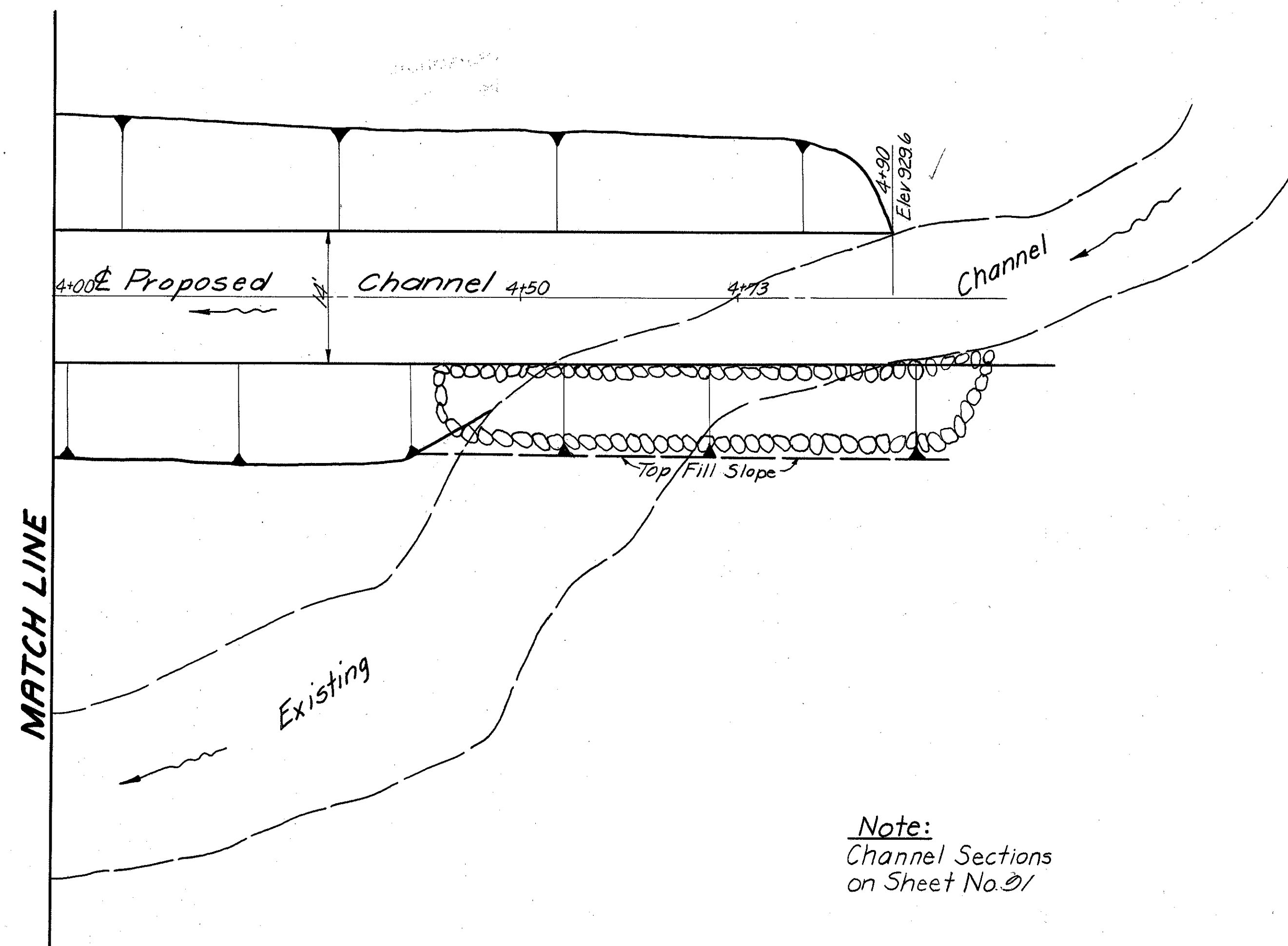


MICROFILMED
MAR 3 1987

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

21/110

HIGHLAND COUNTY
HIG-134- (1.63) (4.57)
(7.67) (8.27) (9.84)



Note:
Channel Sections
on Sheet No. 01

Sheet 2 of 3 Sheets
PIPE ARCH CULVERT
STA. 247+40.90

End Area		Volume	
Cut	Fill	Cut	Fill



UTILITIES
 P Power Lines Owned By The COLUMBUS AND SOUTHERN OHIO ELECTRIC CO., COLUMBUS, OHIO.
 T Telephone Lines Owned By The GENERAL TELEPHONE COMPANY OF OHIO, MARION, OHIO.

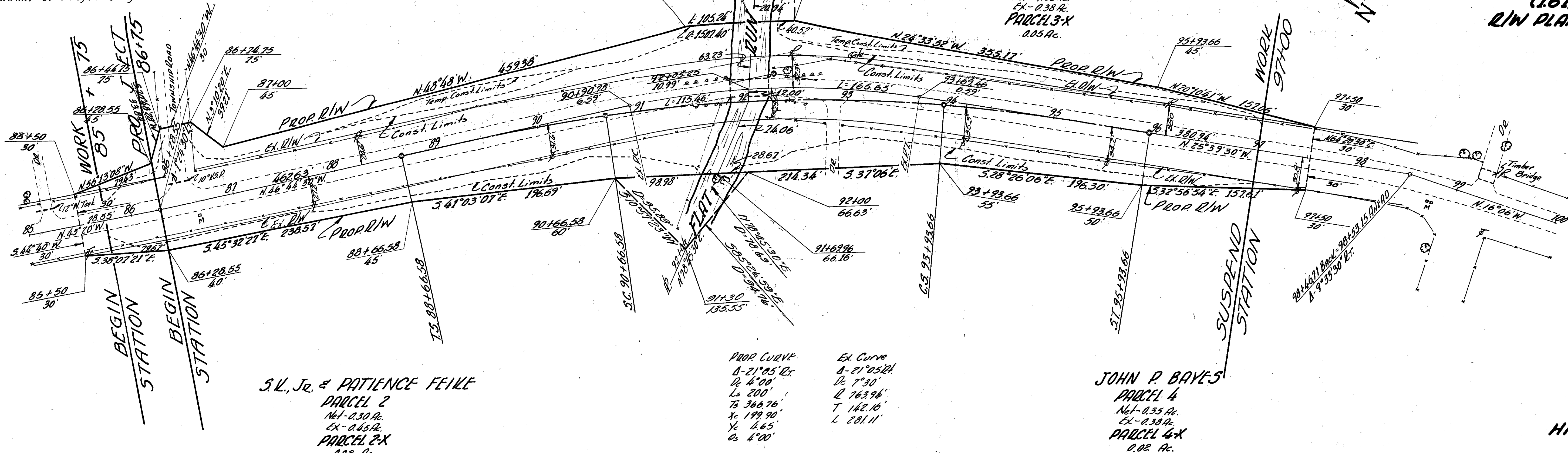
VICTORIA B. ROBERTS
PARCEL 1
 Net - 0.33 Ac.
 Ex - 0.49 Ac.

CLAY TWP
K.M.S. 993

HERBERT W. & PAULINE D. HODNER
PARCEL 3
 Net - 0.22 Ac.
 Ex - 0.38 Ac.
PARCEL 3-X
 0.05 Ac.

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

HIGHLAND COUNTY
HIG-134-(1.63)(4.57)
(7.67)(8.27)(9.84)
R/W PLAN Rev - 4-17-58 LJB



HIG-134-1.63
SCALE: 1"=50'

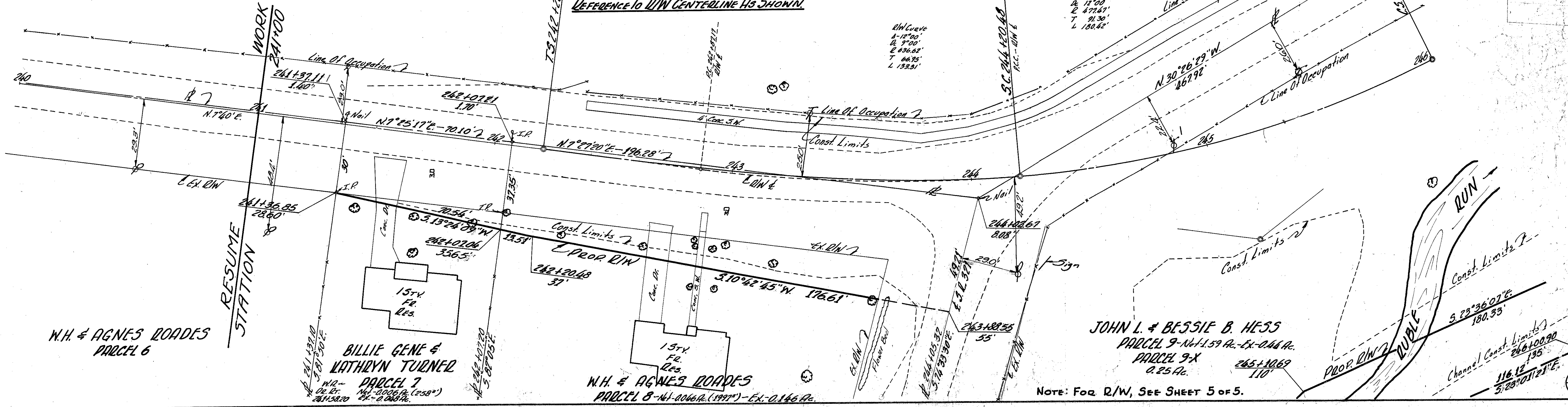
HIG-134-4.57
SCALE: 1"=20'

UTILITIES
 P Power Lines Owned By The COLUMBUS AND SOUTHERN OHIO ELECTRIC CO., CO'S, OHIO
 T Telephone Lines Owned By The GENERAL TELEPHONE COMPANY OF OHIO, MARION, OHIO

TRUSTEES OF CLAY TOWNSHIP, HIGHLAND COUNTY, OHIO
PARCEL 5

CLAY TWP
K.M.S. 3373

TRUSTEES OF CLAY TOWNSHIP, HIGHLAND COUNTY, OHIO
PARCEL 5



TRUSTEES OF CLAY TOWNSHIP,
HIGHLAND COUNTY, OHIO
PARCEL 5

PROP. CURVE
D-45°39'21"
R-12°00'
L-200'
T-302.27'
X-199.12'
Y-13.92'
Z-12°00'

PROP. CURVE
D-45°39'21"
R-12°00'
L-200'
T-302.27'
X-199.12'
Y-13.92'
Z-12°00'

J.D. & AWA MOUNT

PARCEL 10-
Net-0.06 Ac.
EX-0.00 Ac.
PARCEL 10-X
0.09 Ac.

CLAY TWP.
V.M. 5. 3373+3168

MILLARD C. ROSSELOTT
PARCEL 12
0.05 Ac. (2156")

BUFORD

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

107
110

HIGHLAND COUNTY
HIG-134-(163)(4.52)
(7.67)(8.27)(9.84)
R/W PLAN

JAMES C. & HAZEL R. CALDWELL
Lot #15

BRICK
Bldg.

Comp.
Ramp

BRICK BLDG.

JAMES H. BLEVINS

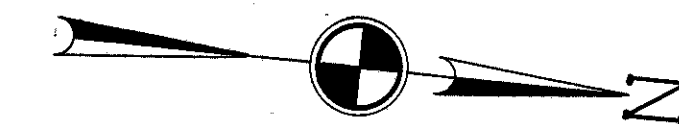
SUSPEND WORK
STATION 251+05

NOTE:
ALL R/W STATIONS AND POINTS OF CALL
WITHIN LIMITS OF SPIRAL CURVE ARE IN
REFERENCE TO R/W CENTERLINE AS SHOWN.

HIG-134-4.52
SCALE: 1"=20'

2
5

Rev. 6-17-58 445
 5-07-59 382



NOTE:
 ALL R STATIONS AND POINTS OF CALL
 WITHIN LIMITS OF SPIRAL CURVE ARE IN
 REFERENCE TO R/W CENTERLINE AS SHOWN.

W.H. & AGNES ROADES
PARCEL 8
 Net - 0.066 Ac. (1997^{sq})
 Ex - 0.146 Ac.

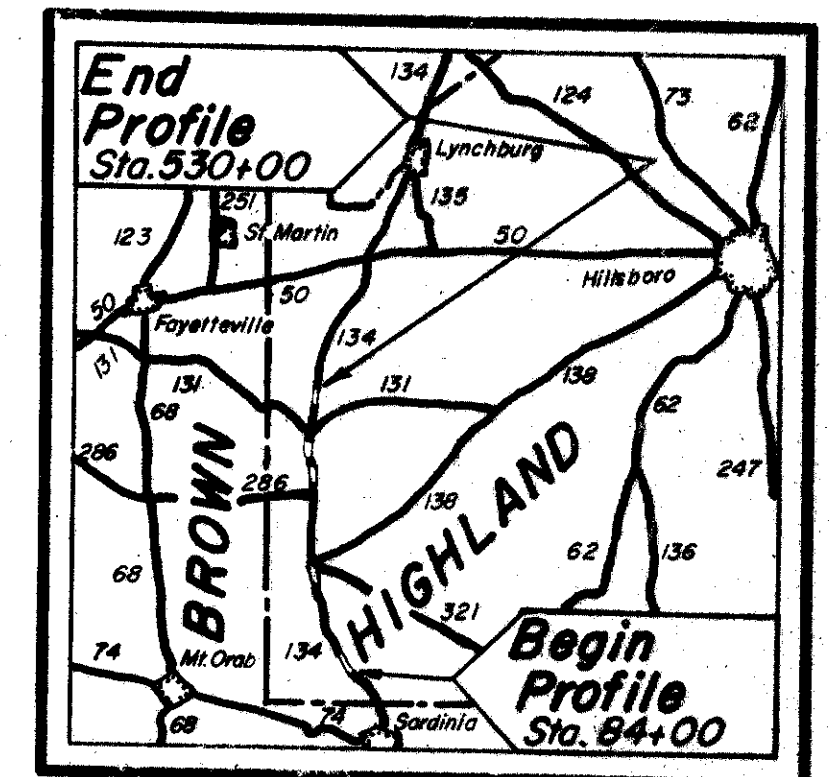
JOHN L. & BESSIE B. HESS
PARCEL 9
 Net - 1.59 Ac.
 Ex - 0.44 Ac.
PARCEL 9-X
 0.25 Ac.

ADDITIONAL RIGHT OF WAY REQUIRED				
PARCEL	OWNER	PERMITS	BLDG. SUM.	REMARKS
1	VICTORIA B. ROBERTS	0.33	1	
2	S.V. JR. & PATIENCE FEINE	0.30	1	
EX	"	0.02	1	
3	HERBERT W. & PAULINE D. HORNER	0.22	1	
3X	"	0.05	1	
4	JOHN P. BAYES	0.35	1	
4X	"	0.02	1	
5	TRUSTEES - CLAY TWP			NOT NEEDED
6	W.H. & AGNES ROADES			NOT NEEDED
7	BILLIE GENE & KATHRYN TURNER	0.006	1	
WA	"			DRIVEWAY
8	W.H. & AGNES ROADES	0.046	1	
9	JOHN L. & BESSIE B. HESS	1.59	1245	
9X	"	0.25	1245	
10	J.D. & AVA MOUNT	0.06	2	
10X	"	0.09	2	
11X	CARL & GRACE HOMAN	0.01	2	
12	MILLARD C. ROSSELOTT	0.05	2	
13	MARGARET LEWIS	0.18	Yes 2	
14	OTTIS ROADES	0.67	Yes 3	
WA	"			DRIVEWAYS
15	ROBERT J. & MARY V. BEAR	0.92	Yes 3	
15X	"	0.04	3	
16	PAUL F. PULSE	1.43	4	
16X & 16Y	"	0.08 each	4	
17	JOE F. & NELLIE J. TODD	0.81	4	
17X	"	0.17	4	
18	CORNIN SMITH	0.63	4	
18X	"	0.05	4	
19	HERMAN & HILDA YOUNG	0.49	4	
WA	"		4	DRIVEWAY

HIG-134-4.57
SCALE: 1"=20'

LEGEND FOR PROJECT - AVERAGE RESULTS OF TESTS - 4/									SAMPLES TESTED			
DESCRIPTION	H. R. E. CLASS	OHIO CLASS	% AGG.	% C. SAND	% F. SAND	% SILT	% CLAY	LIQUID LIMIT	PLASTICITY INDEX	WATER CONTENT	SAMPLES TESTED	
 Fine sand	A-3	(10) A-3	19	29	42	10	0	NP	NP	18	1	
 Sandy silt	A-4	(4) A-4a	10	9	26	35	20	21	7	16	16	
 Silt	A-4	(8) A-4b	0	4	9	56	31	28	8	18	2	
 Silt and clay	A-6	(9) A-6a	3	6	17	41	33	29	12	21	9	
 Silty clay	A-6	(11) A-6b	2	4	14	36	44	35	18	19	12	
 Clay	A-7-6	(13) A-7-6	4	4	17	25	50	41	23	22	1	
 Limestone	Visual classification											
 Auger boring - plan view.  Auger boring plotted to vertical scale only. • Water content nearly equal to or greater than liquid limit. ● This A-4a soil will be rubbery and unstable at water contents which exceed the optimum.  Sod & Topsoil = $X \frac{1}{2}$ Approximate depth.  Berm material. — W Free water.												
NOTE: Figures beside borings indicate water content in percent. Samples Taken Lab. Nos. So. 64764 - 64805 Incl.												

NOTE: THE INFORMATION SHOWN BY THIS SUBGRADE PROFILE WAS SECURED FOR THE USE OF THE STATE OF OHIO AND IS NOT TO BE CONSTRUED AS A PART OF THE PLANS GOVERNING THE CONSTRUCTION OF THE PROJECT.



LOCATION MAP

Recon-J.S.M.-5-14-57
Drilling-D.J.H.-5-22-57
Drafting-R.V.S., L.N.L.-6-24-57

