

# STATE OF OHIO DEPARTMENT OF HIGHWAYS

## POR-224-6.22

# F-330(3)

## PORTAGE COUNTY RANDOLPH TOWNSHIP

LIMITED ACCESS

This improvement is especially designed for through traffic and has been declared a Limited Access Highway or Freeway by action of the Director of Highways in accordance with provisions of Section 5511.02 of the revised Code of Ohio.

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 of the Highway to traffic and that provisions for the maintenance and safety of traffic will be as set forth on the plans and estimates.

Approved Carl L. Campbell  
Date 10-19-56 Division Deputy Director

Approved John H. ...  
Date 11-8-56 Deputy Director of Planning and Programming

Approved W. J. ...  
Date 11-5-56 Engineer of Bridges

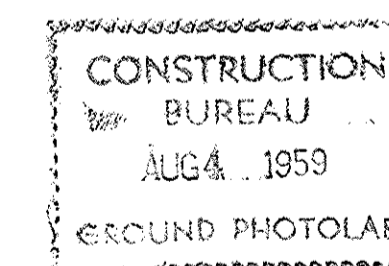
Approved E. J. ...  
Date 11-6-56 Engineer of Location and Design

Approved H. F. ...  
Date 11-6-56 Deputy Director of Design and Construction

Approved V. J. ...  
Date 11-8-56 First Assistant Director

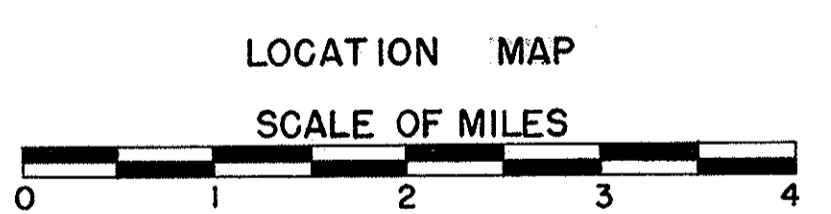
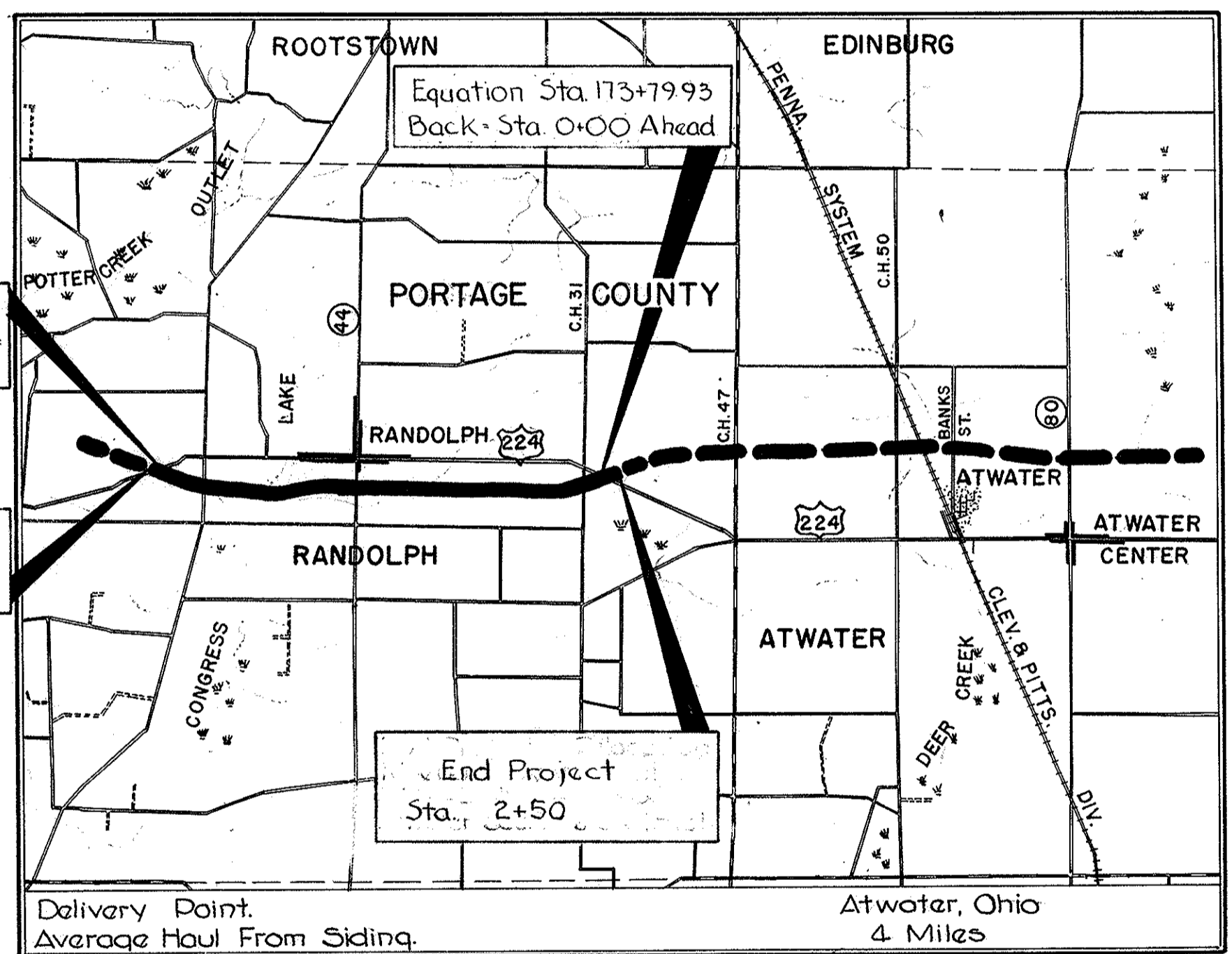
Approved J. O. ...  
Date 11-8-56 Director of Highways

PREPARED AND RECOMMENDED  
BY  
AURILIO, PAGE AND BALLARD  
CONSULTING ENGINEERS  
Wilson T. Ballard  
WILSON T. BALLARD  
HIGHWAY PLANS



CONVENTIONAL SIGNS	
Survey Center Line and Base Line	□ M
Property Lines	□ W
Existing Roads, etc.	ORS
Fence Lines (regular)	S
Guard Fence (Existing)	
Guard Fence (Proposed)	
Woods Line	
Brush Line	
Streams and Water Course	
Railroads	
Field Division Line	
Existing Drainage Pipes	
Proposed Drainage Pipes	
Existing Catch Basins & Manholes	CB O MH
Bench Mark	
Survey Monument	
Reference Points	
Ohio Hwy. Dept. Iron	
Property Pipes Found	
Property Plotted from Plats	
Power Poles	
Telephone Poles	GP
Guy Poles	
Light Poles	
Mail Boxes	□ M
Swamp Area	□ W
Road Signs	ORS
Billboard Type Signs	S
Trees	
Tree Symbol	
Maples	Mp
Cherry	Ch
Plum	Pl
Peach	Pe
Apple	A
Walnut	W
Hickory	H
Oak	Oak
Locust	L
Poplar	P
Pear	Pr
Pine	Pi
Elm	Elm
Willow	Wl.
Cottonwood	Cw
Ash	Ash
Beech	B
Butternut	Bn
Trees to be removed	X

INDEX OF SHEETS		
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Portion to be improved	224
Federal Routes	(00)
State Routes	
Other Routes	
Plan	1"=50'
Profile - Horizontal	1"=50'
Profile - Vertical	1"=5'

LINE DATA	
Begin Project	Sta. 423+81.76
Equation	425+12.62 Back Sta. 0+00 Ahead
"	173+79.93 Back Sta. 0+00 Ahead
End Project	Sta. 2+50
Add For Approaches	NET LENGTH OF PROJECT = 17,760.79 L.F. or 3.363 Miles
Relocated U.S. 224	Sta. 423+75 to 423+81.76 = 6.76 L.F.
"	Sta. 2+50 (At Sect.) to 4+00 (Plan Sect.) = 350.00 L.F.
Exist. U.S. 224 (West Cross)	Sta. 4+00 W to 0+30 E = 430 L.F.
"	Sta. 0+66 E. to 4+00 E. = 334 L.F.

State Rte. #44	Sta. 0+44 N to 3+60 N = 316 L.F.
"	Sta. 0+44 S to 3+60 S = 316 L.F.
County Highway #31	Sta. 0+39 S to 6+50 S = 311 L.F.
"	Sta. 0+52 N to 5+00 N = 448 L.F.
Exist. U.S. 224 (East Cross)	Sta. 0+67 W to 6+75 W = 608 L.F.
"	Sta. 0+67 E. to 4+50 E. = 383 L.F.
Total	= 3802.76 L.F. or 0.720 Mile
NET LENGTH OF WORK	= 21,563.55 L.F. or 4.084 Miles

Supplemental Prints of Std. Constr. Drawings			
S-27-PC-3	2-20-45	G-707	6-1-56
L-3	4-1-50	I-21-23	8-1-56
L-3-A	4-1-50	SP-53	7-21-53
RI-1	1-3-55	DR-1	1-3-55
T-35	1-2-56	LJ No. 1	7-1-55
S-27-PC-4	1-4-54	B-T-712	3-2-53
I-12.3.4.5	2-20-45	T-J	5-1-56
I-8-CB-2-2-A-B	8-1-56	A-1-54	7-1-54
I-8-CB-1-3-A-1-4	5-1-52	P-1-54	7-1-54
I-8-MH-1	5-1-52	I-14 G	1-22-52
I-12	7-1-54	B-T-50-70-71E No. 1	10-1-47
I-15-No. 1	8-1-55	L-1	4-1-50
I-15-No. 2	12-1-54	OS-2	7-1-55
CS-1-54	7-16-56	I-8 MH No. 1-A	1-3-55
I-15 No. 2-A	7-2-56	AS-1-54	12-1-54

Supplemental Specification	
L-209.12	7-17-54
18	Rev. 9-7-55
M-109.23	Rev. 4-20-56
M-103.14	7-31-50
M-110.27	9-9-52
6	12-28-55
5	6-8-55
B-119	Rev. 6-30-56

File No	POR-224-G.22
Date of Letting	_____ 19__
Contract No.	_____

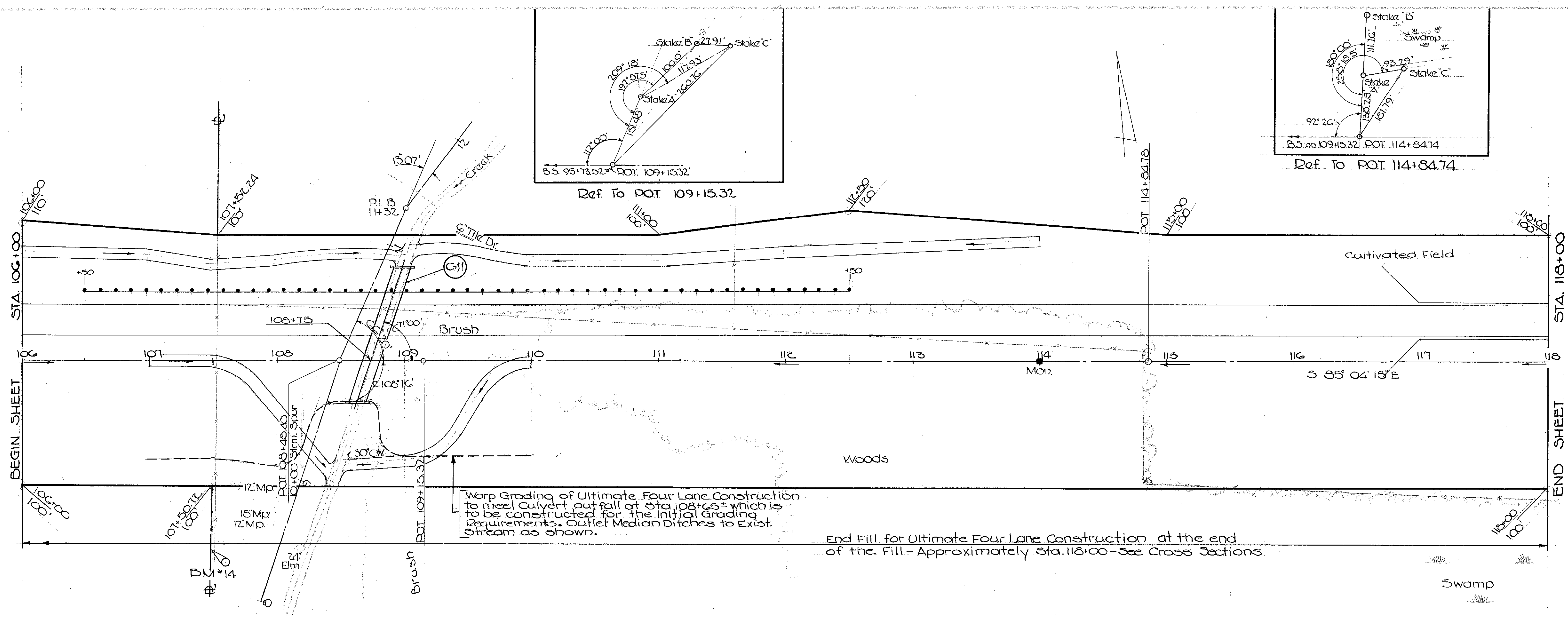
DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

DISTRICT ENGINEER



PR-724-G.22



SODDING			
STATION	Side	L-10 9' Wide SY	
106+00	109+00	Lt	300
109+00	114+00	Lt	500
107+00	108+50	Rt	150
108+50	110+00	Rt	150
TOTAL			1100

STRUCTURES UNDER 20' SPAN				
MARK	STA	TYPE	SIZE	SPAN
C-11	108+75	Std. Pipe Arch Culvert	12'x7'-11/2"	35

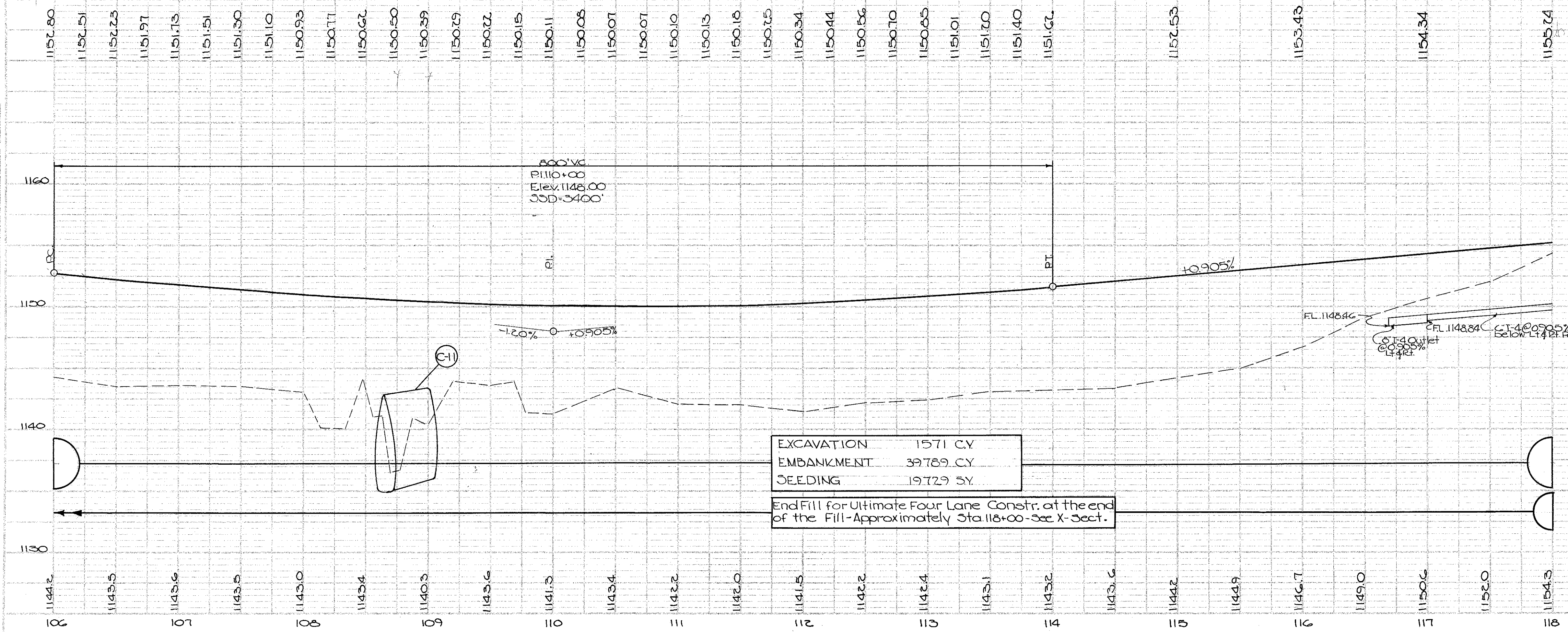
I-15 GUARD RAIL			
STATION	Side	I-15 L.F.	
106+50	112+50	Lt	600
TOTAL			600

FENCE				
STATION	Side	Dist. From E	SS-18 L.F.	
106+00	107+82	Lt	109.99	152
107+82	111+00	Lt	99.99	348
111+00	112+50	Lt	99.11	150
112+50	115+00	Lt	119.99	750
115+00	118+00	Lt	99.99	300
106+00	118+00	Rt	99.99	1200
TOTAL				2400

MONUMENT BOXES			
STATION	Side	1-8 Each	
114+00	E	1	
TOTALS		1	

DRAINAGE				
STATION	Side	I-4 Depth	I-5 for I-4	
116+70	118+00	Lt	100	42
116+70	118+00	Rt	100	42
TOTAL			200	84

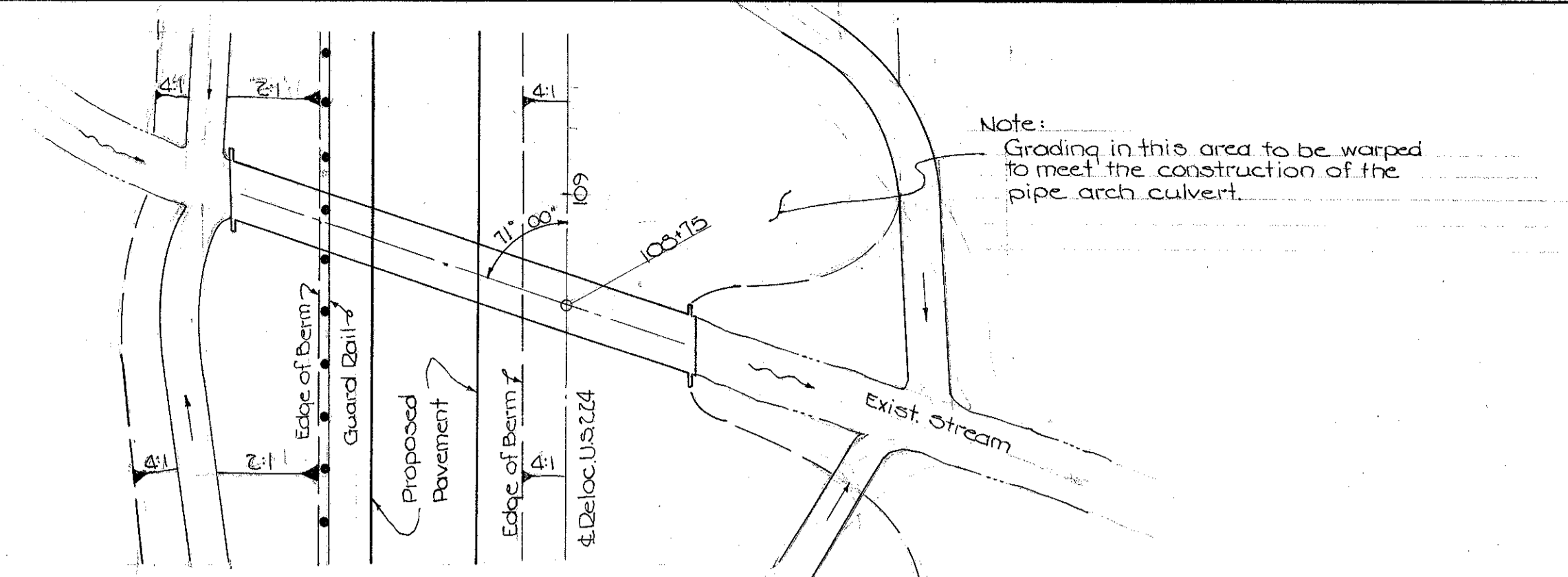
BM #14 - 160' S. of Sta. 107+60  
 Pk. Nail in N. Root of 42" Red Oak - Elev. 1142.096



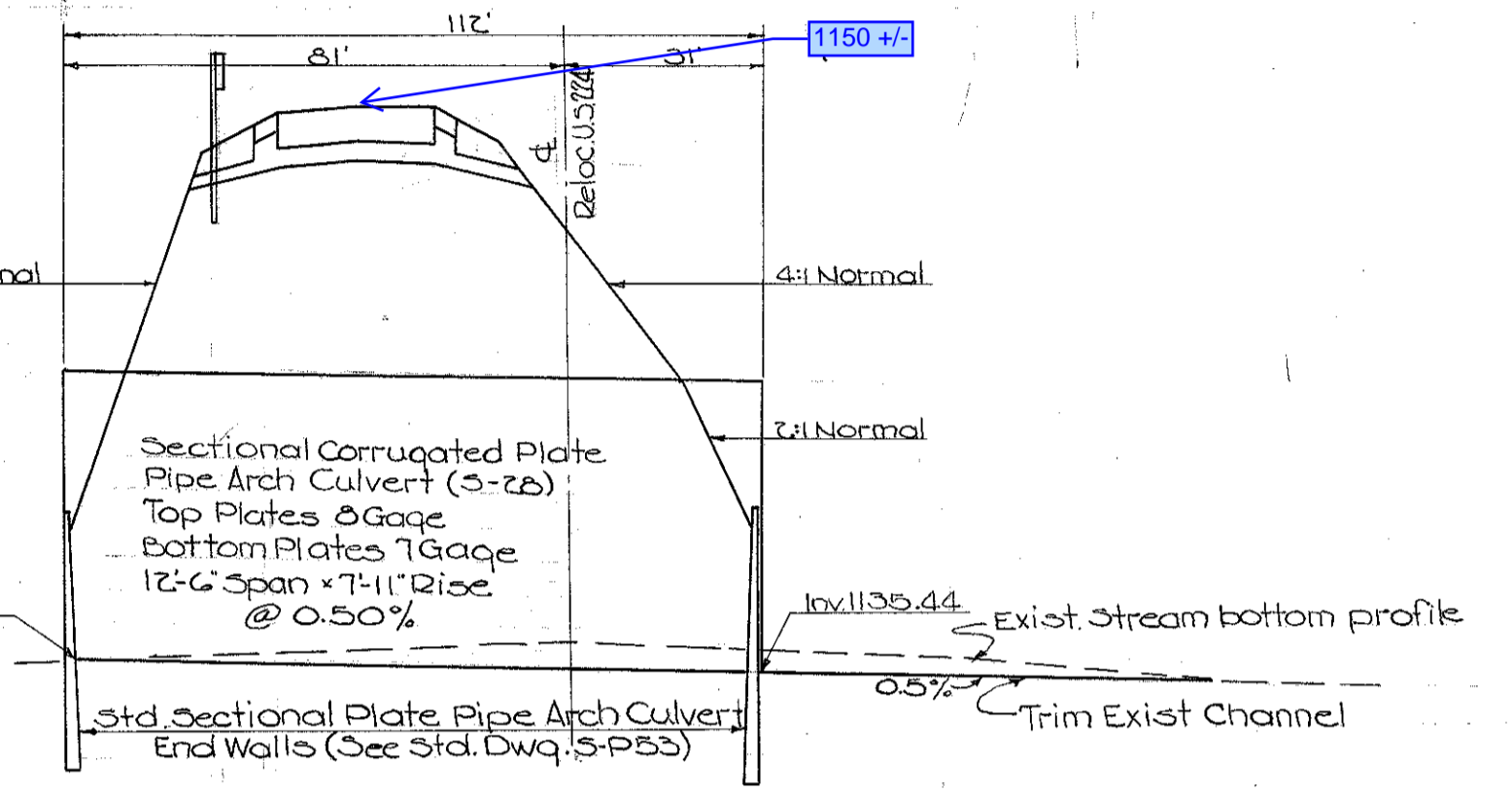
EXCAVATION	1571 CY
EMBANKMENT	39789 CY
SEEDING	19729 SY

End Fill for Ultimate Four Lane Constr. at the end of the Fill - Approximately Sta. 118+00 - See X-Section.





PLAN  
Scale: 1"=30'-0"

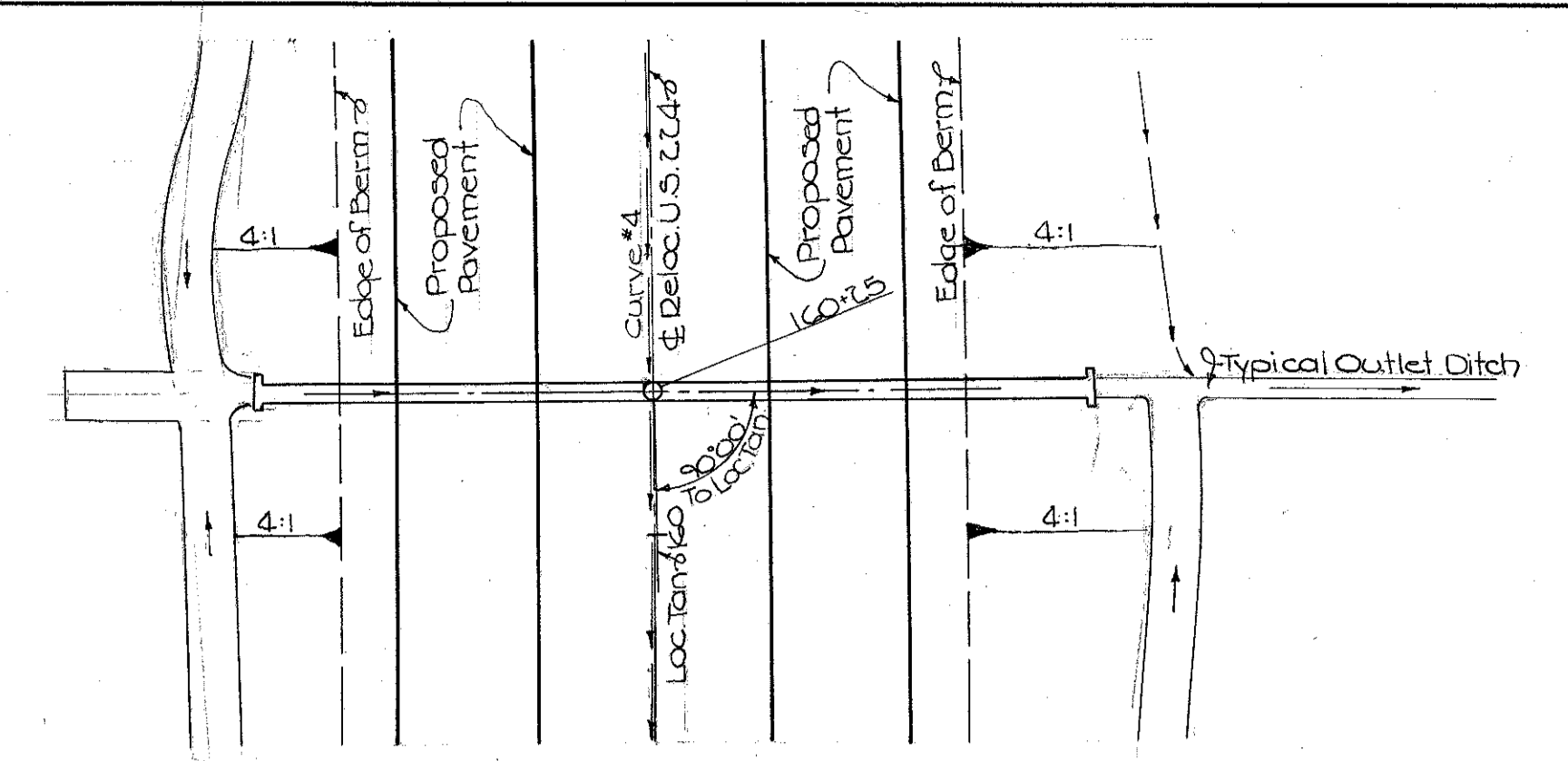


PROFILE  
Scale: Hor. 1"=30'-0"  
Vert. 1"=5'-0"

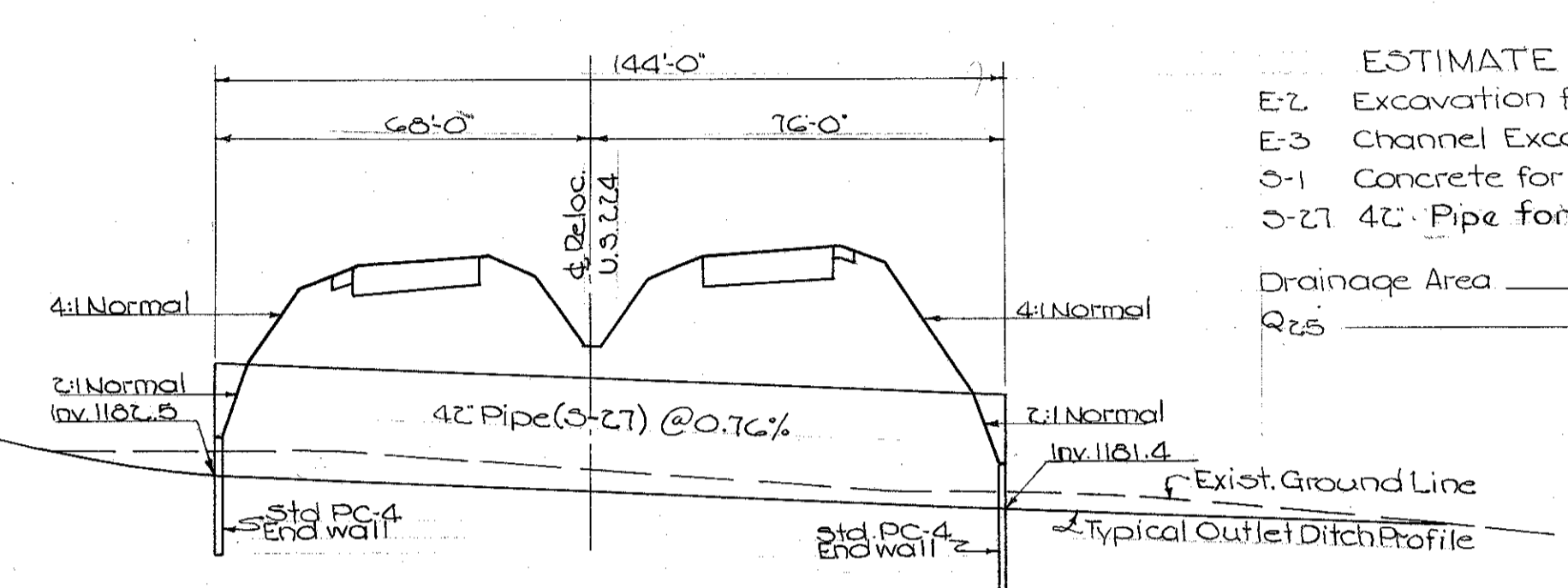
CULVERT C-11 STA. 108+75

**C-11 ESTIMATE OF QUANTITIES**

E-2 Structure Excavation	43 Cu.Yd.
E-3 Channel Excavation	15 Cu.Yd.
S-1 Concrete for Structures (Class 'E')	11.5 Cu.Yd.
S-28 12'-6" Span x 7'-11" Rise M-C.G.(s)	117 Lin.Ft.
Drainage Area	915 Acres
Q <sub>25</sub>	480 CFS.



PLAN  
Scale: 1"=30'-0"

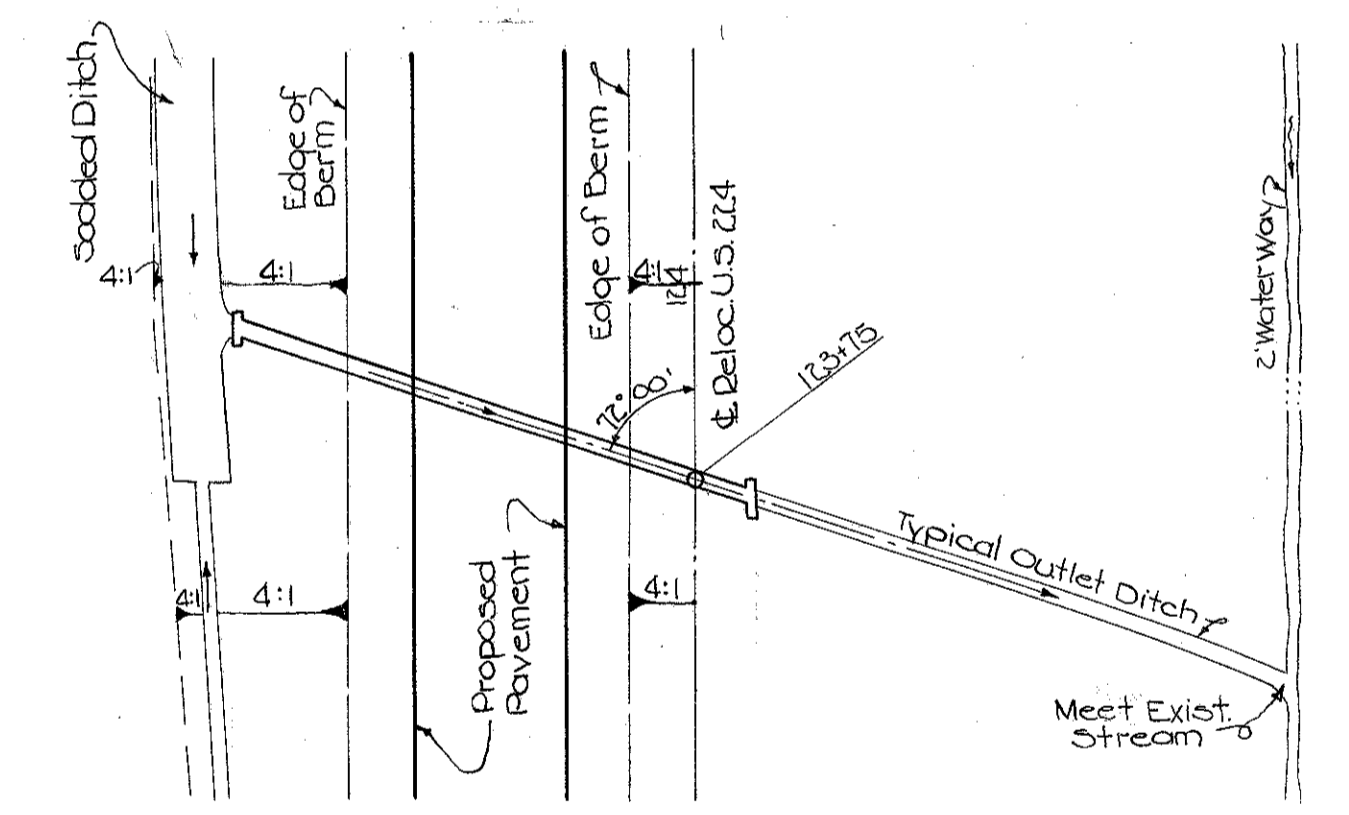


PROFILE  
Scale: Hor. 1"=30'-0"  
Vert. 1"=5'-0"

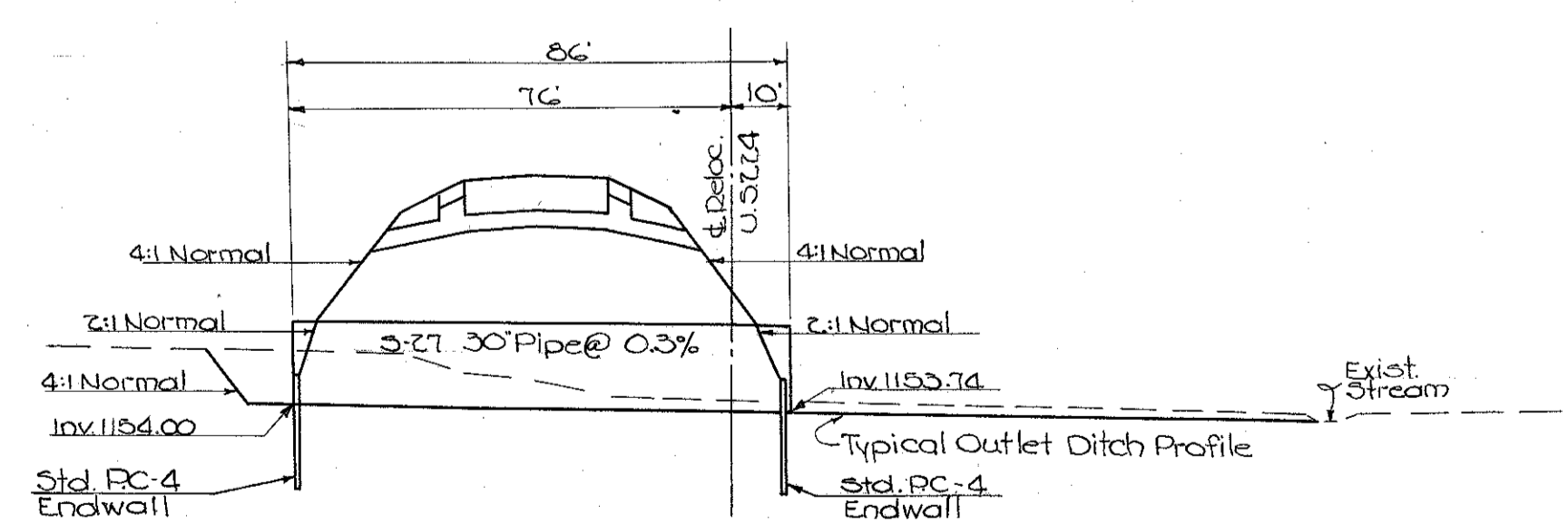
CULVERT C-13 STA. 160+25

**C-13 ESTIMATE OF QUANTITIES**

E-2 Excavation for Structure	36 Cu.Yd.
E-3 Channel Excavation	5 Cu.Yd.
S-1 Concrete for Structure (Class 'E')	15.2 Cu.Yd.
S-27 42" Pipe for Roadway Culverts	144 Lin.Ft.
Drainage Area	38 Acres
Q <sub>25</sub>	57 CFS.



PLAN  
Scale: 1"=30'-0"

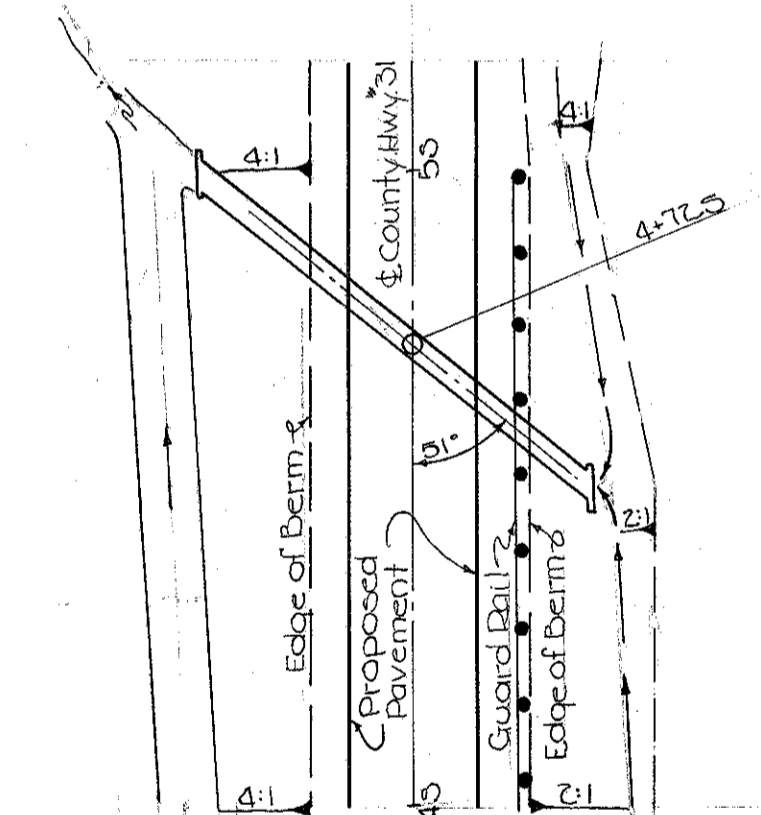


PROFILE  
Scale: Hor. 1"=30'-0"  
Vert. 1"=5'-0"

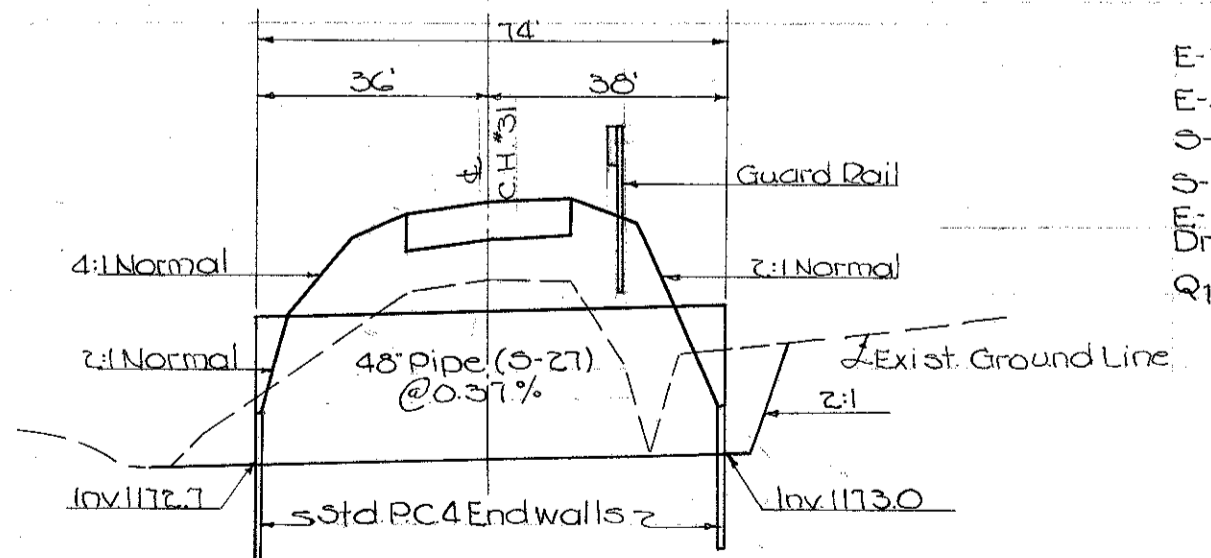
CULVERT C-12 STA. 123+75

**C-12 ESTIMATE OF QUANTITIES**

E-2 Excavation for Structure	27 Cu.Yd.
E-3 Channel Excavation	5 Cu.Yd.
S-27 30" M-C.G.(b) or M-C.G.(b)	30 Lin.Ft.
S-1 Concrete for Structure (Class 'E')	1.02 Cu.Yd.
Drainage Area	15 Acres
Q <sub>25</sub>	33 CFS.



PLAN  
Scale: 1"=30'-0"



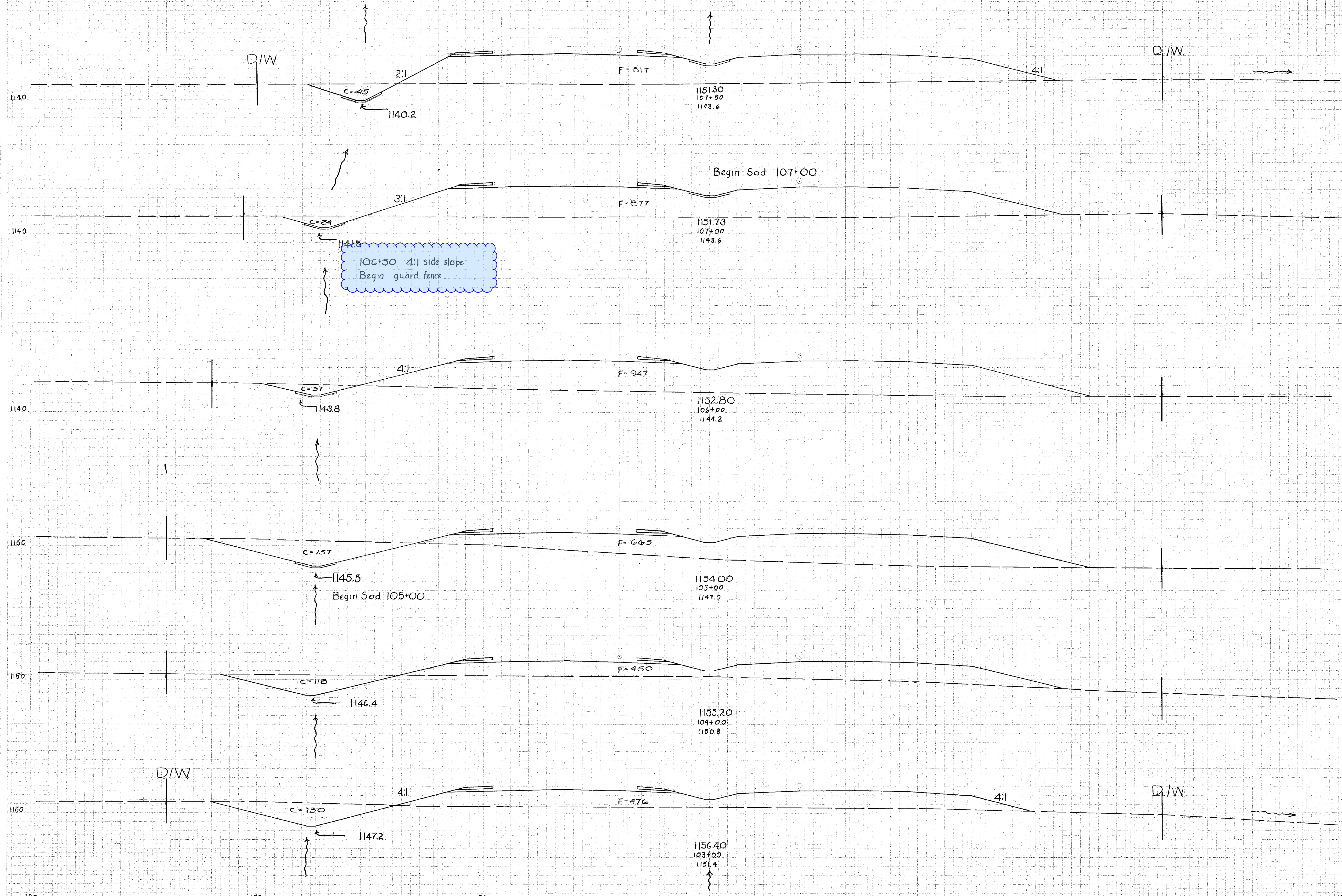
PROFILE  
Scale: Hor. 1"=30'-0"  
Vert. 1"=5'-0"

CULVERT C-14 STA. 4+72.5  
(COUNTY HWY. #31)

**C-14 ESTIMATE OF QUANTITIES**

E-2 Excavation for Structure	77 Cu.Yd.
E-3 Channel Excavation	4 Cu.Yd.
S-1 Concrete for Structure (Class 'E')	1.72 Cu.Yd.
S-27 48" M-C.G.(b)	74 Lin.Ft.
E-12 Pipe Removal, Over 15'	35 Lin.Ft.
Drainage Area	60 Acres
Q <sub>10</sub>	70 CFS.



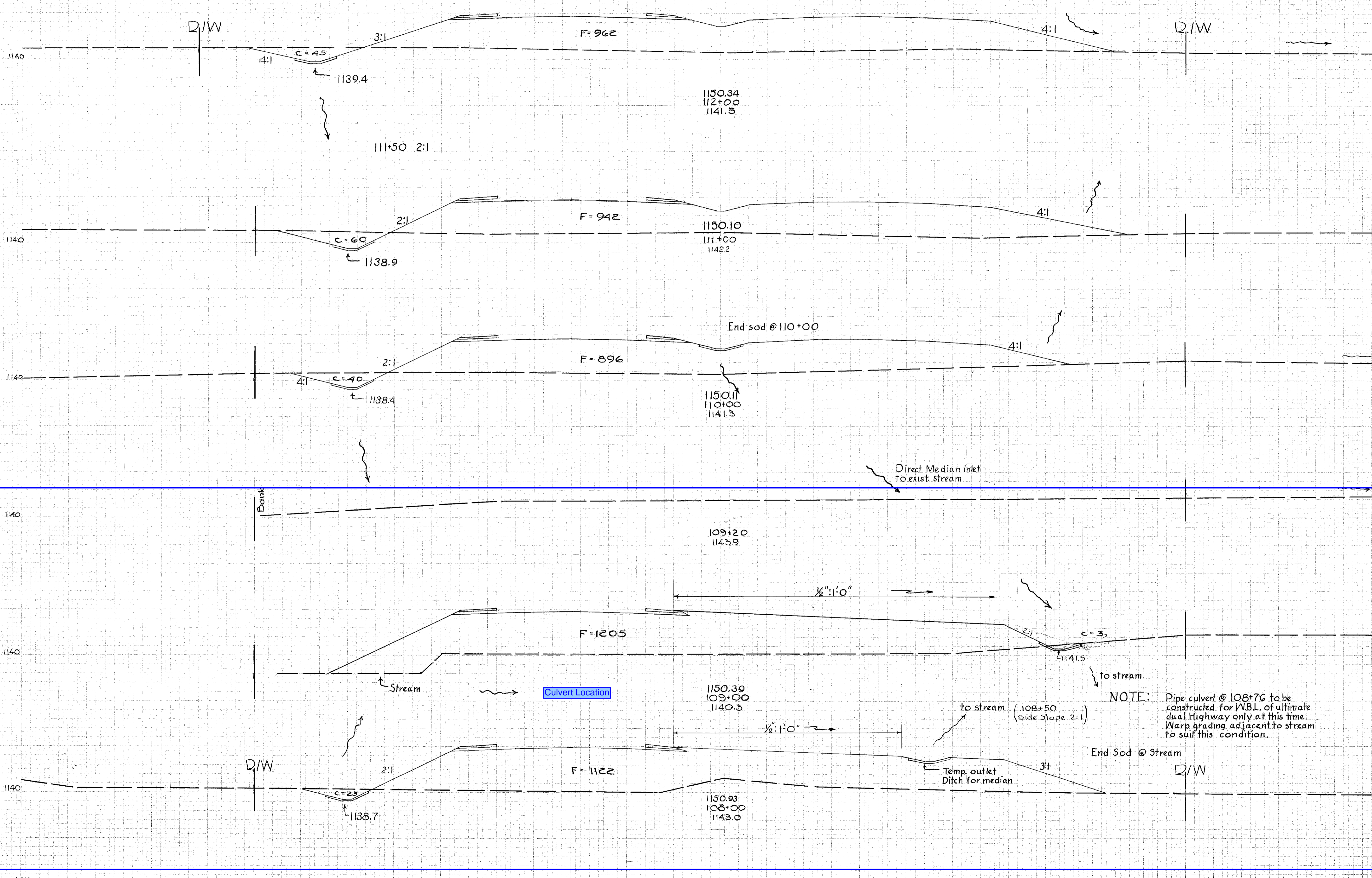


4-36  
 2-20  
 6-20  
 7-2-50  
 M.M. JFW  
 B.P. LNK  
 R-6

STATION	EXIST. ELEV.	PROJ. ELEV.	FILL VOL.	EXC. VOL.
107+50	148	145	817	
107+00	144	144	877	
106+00	167	167	947	
105+00	176	176	665	
104+00	181	181	450	
103+00	182	182	476	
TOTAL			3592	0

CROSS SECTION ST. 103+00 TO 107+50





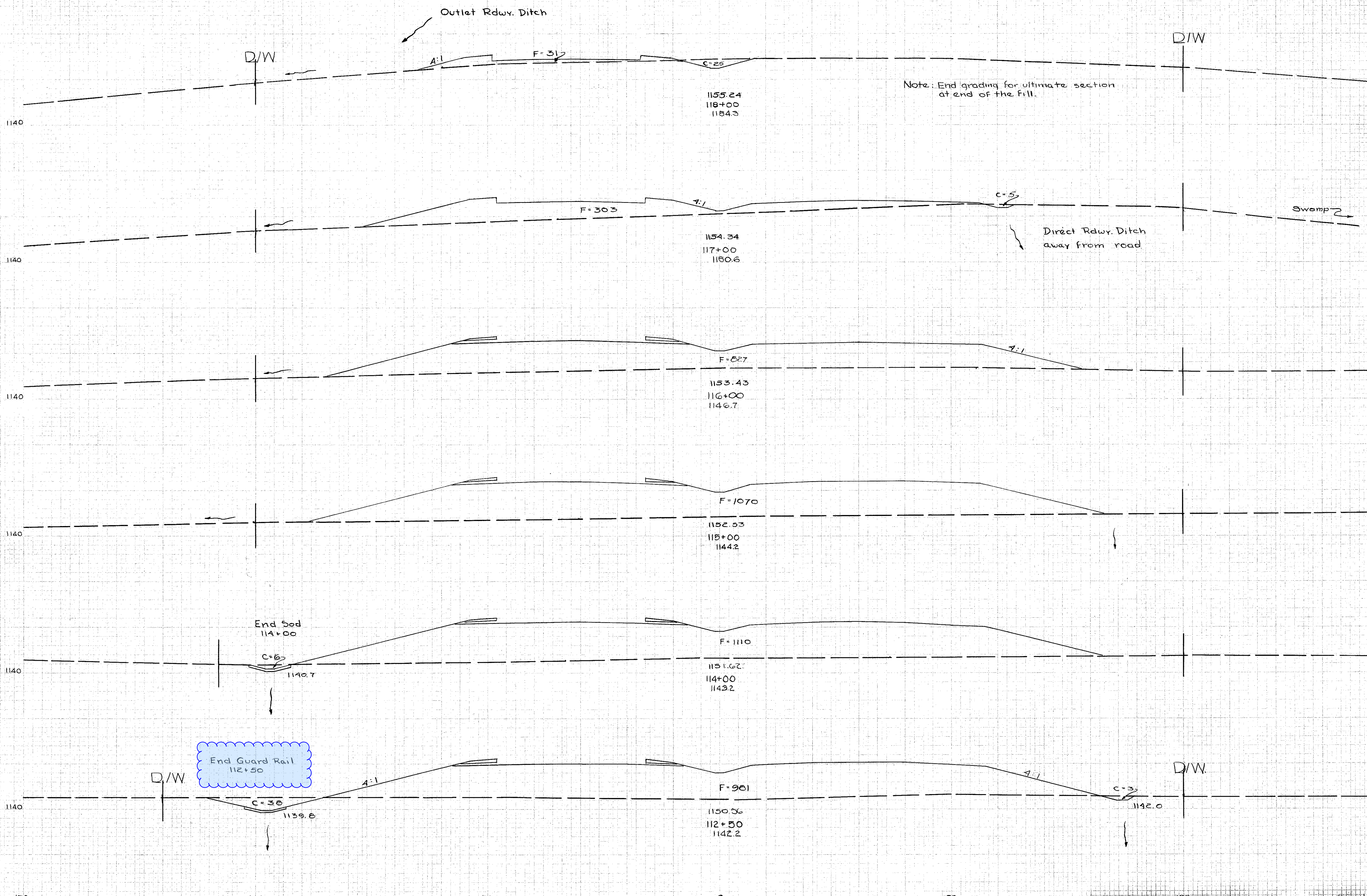
EXCAVATION 1571 C.Y.  
 EMBANKMENT 39729 C.Y.  
 SEEDING 17729 S.Y.

STATION	EXIST. AREA	PROJ. AREA	DIFF. AREA
112+00	45	962	176
111+50	60	942	162
111+00	40	896	140
110+00	3	1205	160
109+20	23	1122	164
108+00	48	4317	1000
107+00	82	3825	1667
106+00	60	942	162
105+00	45	962	176
TOTAL	196	3526	1989

MM. 108+00  
 108+25  
 108+50  
 108+75  
 109+00  
 109+25  
 109+50  
 109+75  
 110+00  
 110+25  
 110+50  
 110+75  
 111+00  
 111+25  
 111+50  
 111+75  
 112+00

CROSS SECTIONS STA 108+00 TO STA 112+00





STATION	CUT	FILL	EXC.	EMB.
118+00	25	31		
117+00	1067	19	619	
116+00	131	5	303	
115+00	1578	11	1823	
114+00	152	0	827	
113+00	1756	0	3515	
112+50	163	0	1070	
112+00	1810	11	4048	
111+00	163	6	1110	
110+00	196	133	5822	
109+00	190	41	981	
108+00	1017	80	1800	

M.M. & R.J.D.  
 D.L. & J.F.W.  
 4-56  
 4-20-06  
 6-22-06  
 7-2-06

R7

CROSS SECTIONS - STA 112+50 TO STA 118+00



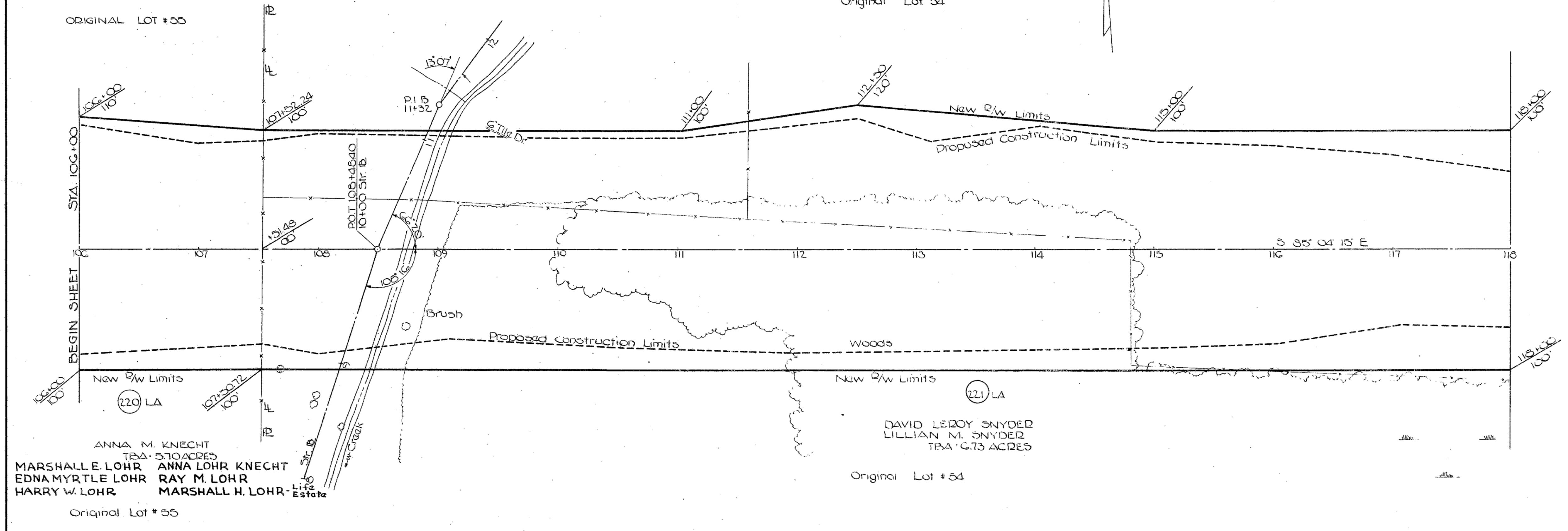
FED. DIST.	STATE	PROJECT	FISCAL YEAR
2	OHIO	F-330( )	

6  
10

POR-224-G.22

Randolph Township T-1N D-8W

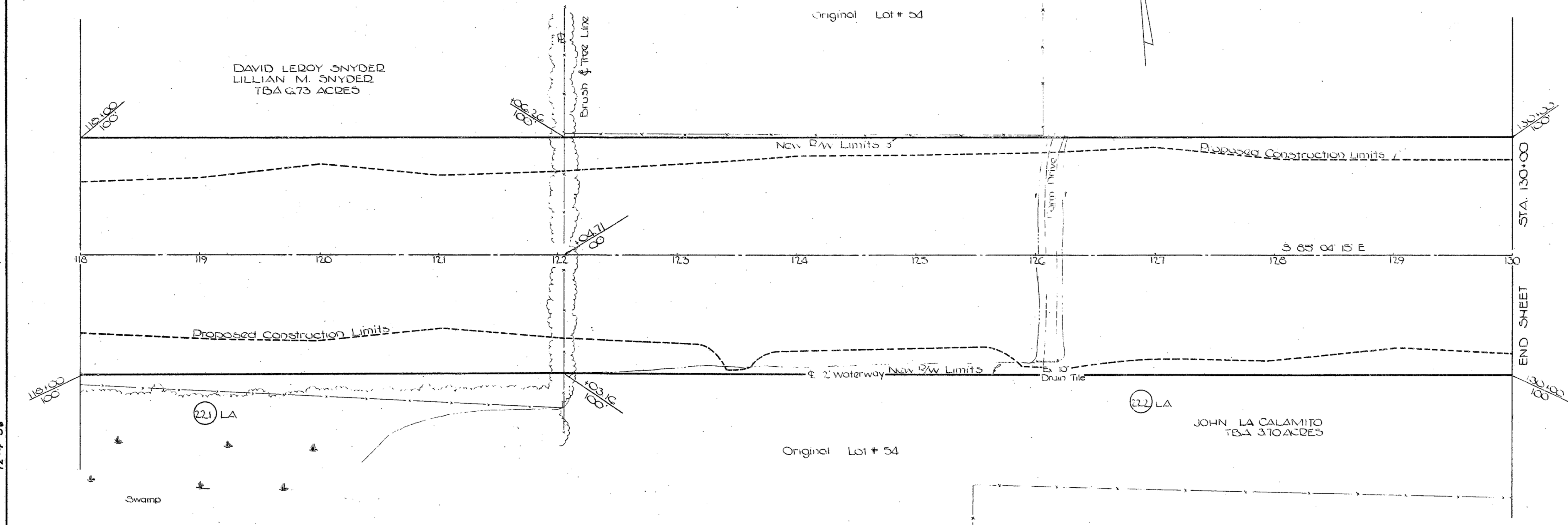
Original Lot # 54



ANNA M. KNECHT  
TBA 5.70 ACRES  
MARSHALL E. LOHR ANNA LOHR KNECHT  
EDNA MYRTLE LOHR RAY M. LOHR  
HARRY W. LOHR MARSHALL H. LOHR  
Original Lot # 55

DAVID LEROY SNYDER  
LILLIAN M. SNYDER  
TBA 6.73 ACRES  
Original Lot # 54

Original Lot # 54



DAVID LEROY SNYDER  
LILLIAN M. SNYDER  
TBA 6.73 ACRES

JOHN LA CALAMITO  
TBA 3.70 ACRES

Original Lot # 54