

LIMITED ACCESS

This improvement is especially designed for thru 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

STATE OF OHIO DEPARTMENT OF HIGHWAYS

STA- 21-11.39 STARK COUNTY

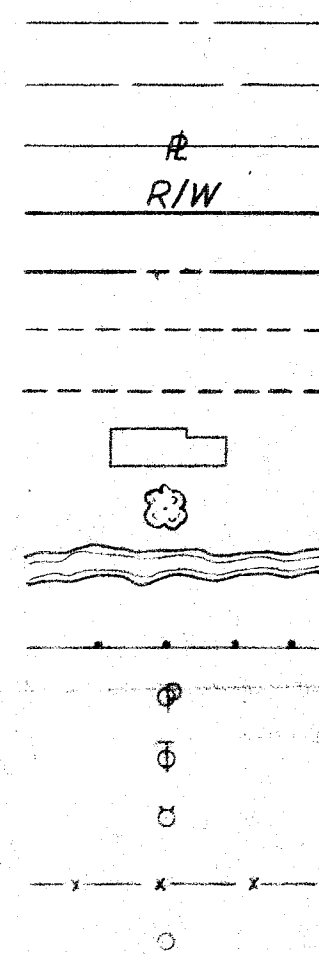
CITY OF MASSILLON PERRY TOWNSHIP

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	STATE

STA-21-11.39

CONVENTIONAL SIGNS

Center Line of Road
Street Line
Property Line
Right of Way Line
Corporation Line
Limits of Cut or Fill
Slope Easement
Building
Tree
River
Guard Rail
Power Pole
Telephone Pole
Fire Hydrant
Fence Line
Valve



Proposed Work

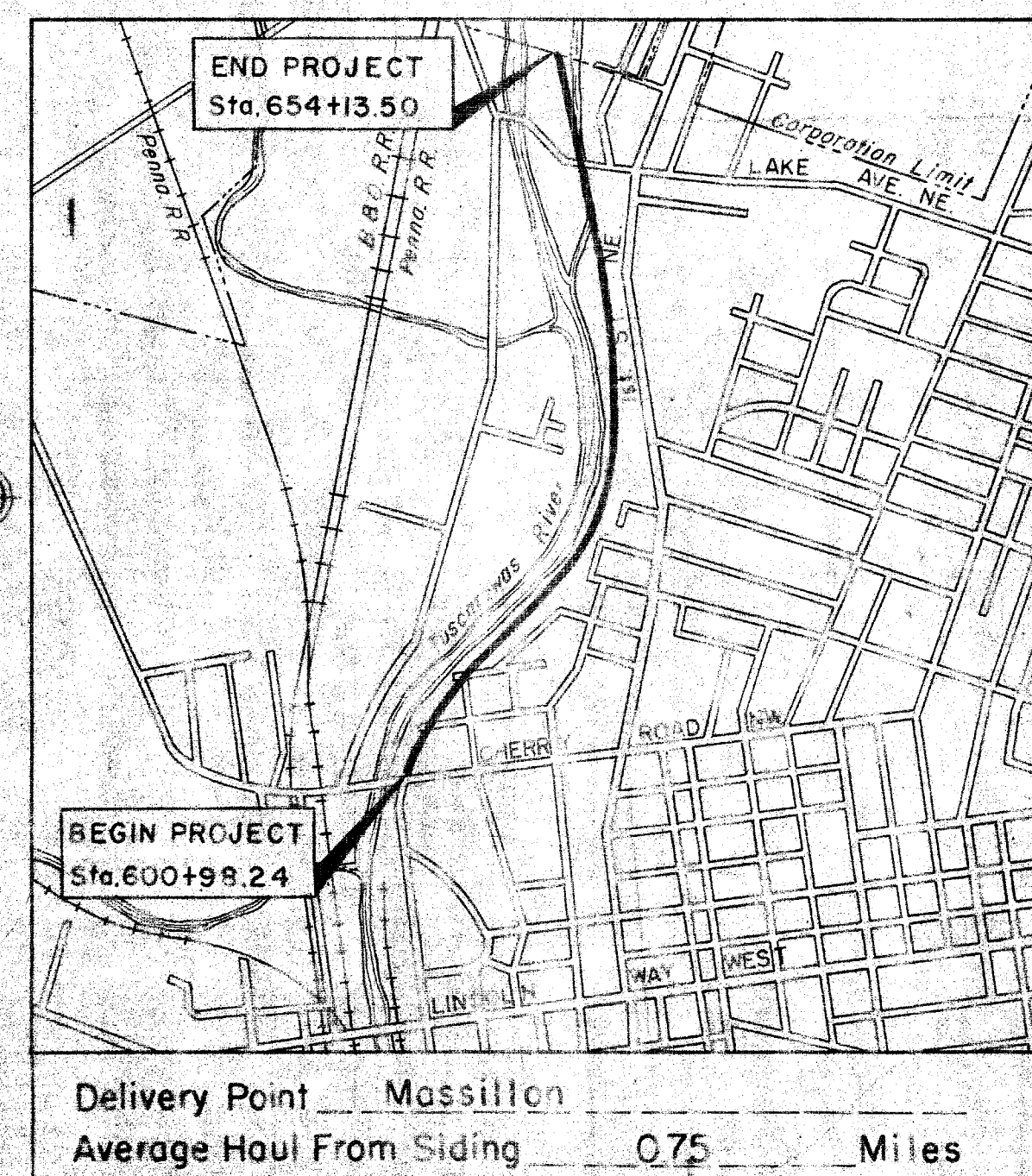
To be removed

INDEX OF SHEETS

Title Sheet	1
Schematic Plan	2
Typical Sections	3-5
General Notes	6
General Summary	7
Summary of Quantities	8
Calculations	8
Superelevation Tables	9-11
Joint and Drainage Details	11
Plan and Profile	12-27
Cross Sections	28-49
Right of Way	50A, 51-61
Fence Details	50

LINE DATA

Begin Project	Sta. 600+98.24
End Project	Sta. 654+13.50
Deduction for Equality in Line	(-25.53 Lin Ft.)
Length of Project	=5289.73 Lin. Ft. or 1.001 Miles
Begin Work	Sta. 600+98.24
End Work	Sta. 654+50
Deduction for Equality in Line	(-25.53 Lin. Ft.)
Length of Work	=5326.23 Lin Ft. or 1.008 Miles



LOCATION PLAN

Location of Project
Other Roads

SCALES

Plan	1" = 20'
Profile-Horizontal	1" = 20'
Profile-Vertical	1" = 5'
Cross Sections	1" = 5' 8" = 10'
Intersections	1" = 20'

STANDARD DRAWINGS

L-3	4-1-50	S-27 PC.1	5-1-52	I-15 N° 1	8-1-55
L-3-A	4-1-50	S-27 PC.2	3-15-48	I-15 N° 2	12-1-54
RI-1	1-3-55	S-27 PC.4	1-4-54	I-21-23	12-1-55
T-35	1-2-56	I-12.3.4.8.5	2-20-45	I-8 MH N° 1 A	1-3-55
L-1	4-1-50	I-8CB 1-2-A8B	5-1-52	S-27 PC-3	2-20-45
B-T-71R	3-2-53	I-8CB 22-A8B	5-1-52	B-T-50-707 E No.	10-1-47
L.J. No.1	7-1-55	I-81 No.2	12-1-54		
DR-1	1-3-55	I-8 MH No.1	5-1-52		
TJ	5-1-56	I-8 MH No.2	5-1-52		
G-7.07	4-2-56	I-12	7-1-54		
		I-14 G	1-22-52		

SUPPLEMENTAL SPECIFICATIONS

6	12-28-55
B-119 Rev.	12-14-55
M-110.27	9-9-52
L-209.12	7-17-54
5	6-8-55
18 Rev.	9-7-55

DESIGNED BY
MICHAEL BAKER, JR.
Consulting Engineers
Baker Building
Rochester, Penna.
Michael Baker Jr.
REG. PROF. ENGR.
Ohio 9065
May 21, 1956
Date

The Standard Specifications of The State of Ohio, Department of Highways, including changes and Supplemental Specifications listed in the proposal shall govern this improvement

I hereby approve these plans and declare 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

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

Approved Carl Campbell
Date 6-4-56 Division Deputy Director

Approved John Heier
Date 6-4-56 Deputy Director of Planning and Programming

Approved _____
Date _____ Engineer of Bridges

Approved E. J. Ruston
Date 6-4-56 Engineer of Location and Design

Approved H. B. Bardsley
Date 6-4-56 Deputy Director of Design and Construction

Approved V. J. Rasmussen
Date 6-5-56 First Assistant Director

Approved L. A. Lingzell
Date 6-5-56 Director of Highways

Approved _____
Date _____ Safety - Service Director - City of Massillon

Approved _____
Date _____ Mayor - City of Massillon

FILE NO.	STA-21-11.39
Date of Letting	195
Contract No.	

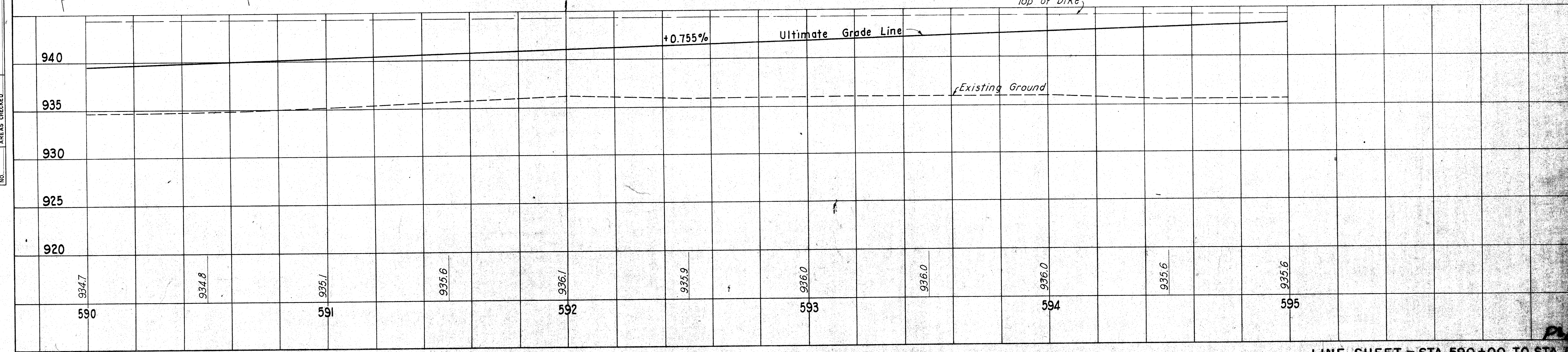
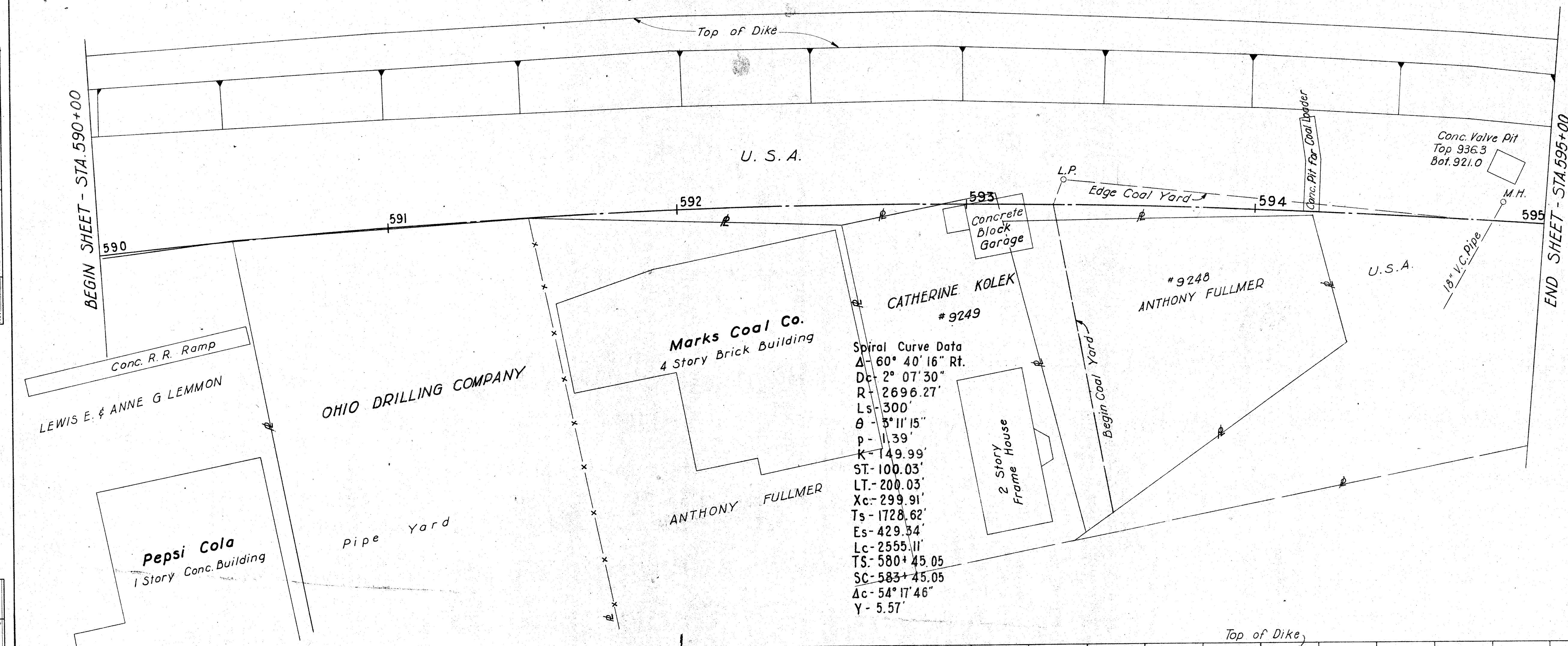
STA.-21-11.39

All Elevations are Based on B.M. Set By
Corps of Engineers, U.S. Army, For Construction
of Tuscarawas River Local Protection Project,
Massillon, Ohio.

B.M. is Located on Top of Fire Hydrant in
Front of Ohio Drilling Company Rt. Sta. 587+
Elevation 935.92

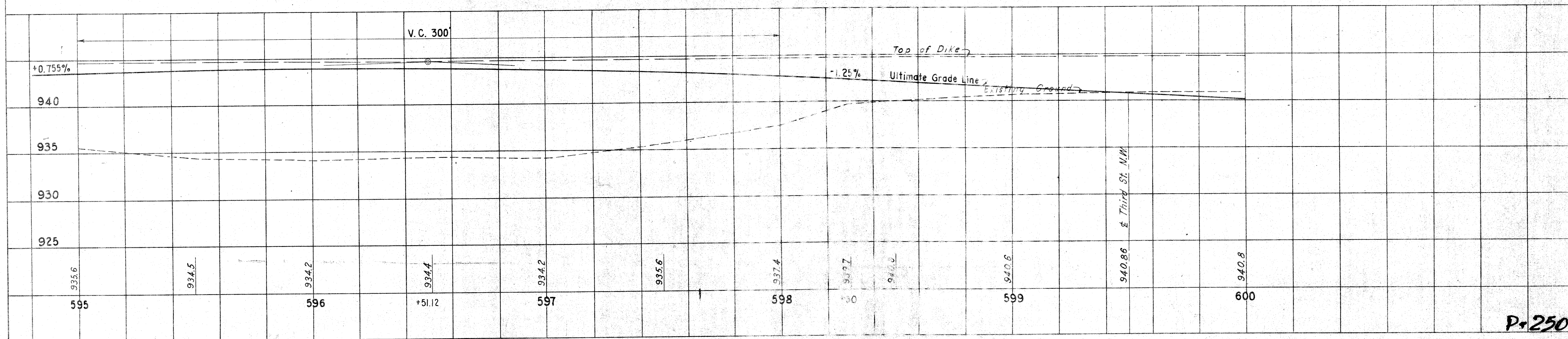
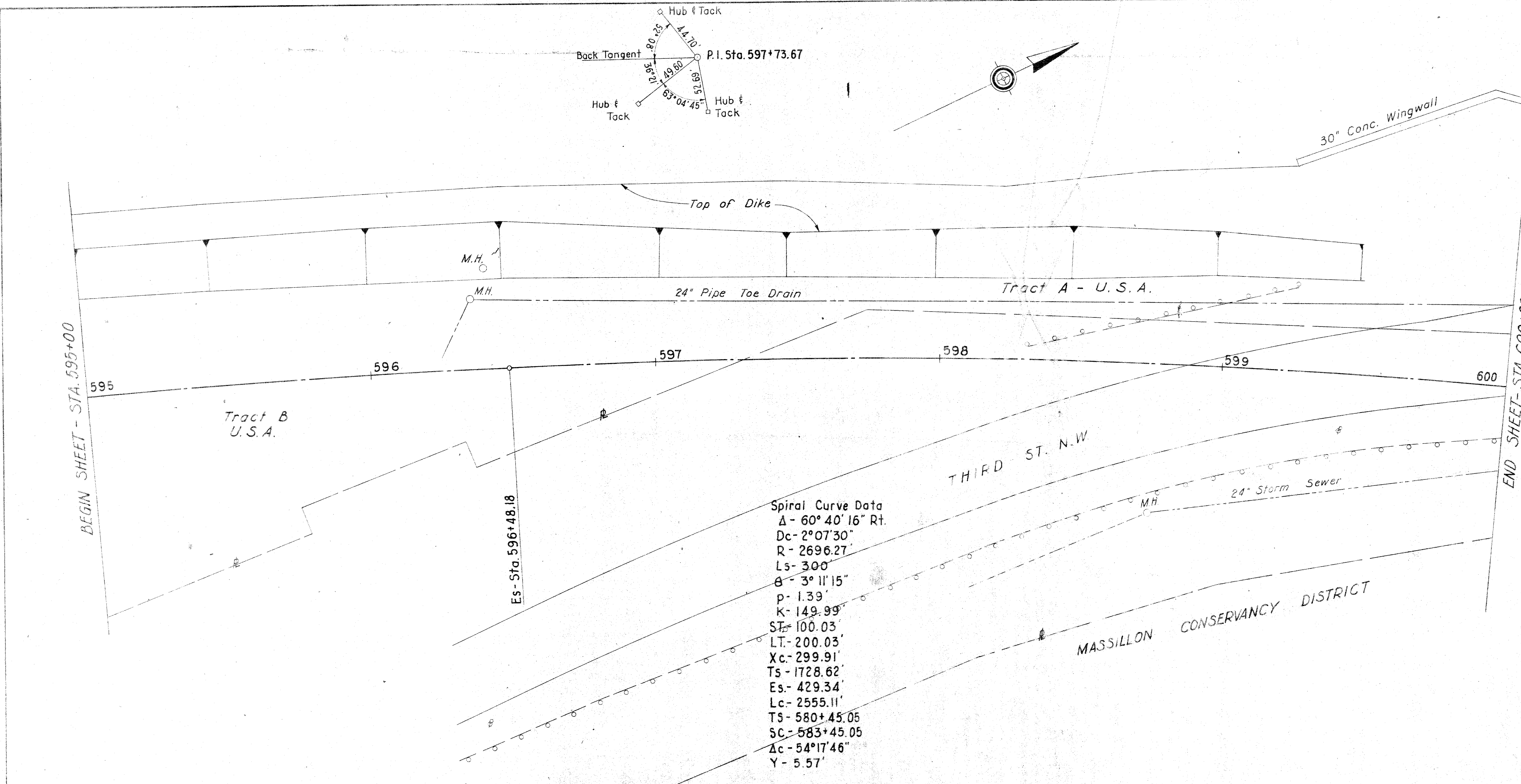
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NO.	BOOK		
	PLATT		
	AREAS		
	CHECKED		

ORIGINAL	SURVEY	BY	DATE
NO.	BOOK		
	PLATT		
	AREAS		
	CHECKED		



FINAL	SURVEY	DATE
NO.	PLOTTED	
NO.	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEY	DATE
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NO.	TEMPLATE	
NO.	AREAS CHECKED	



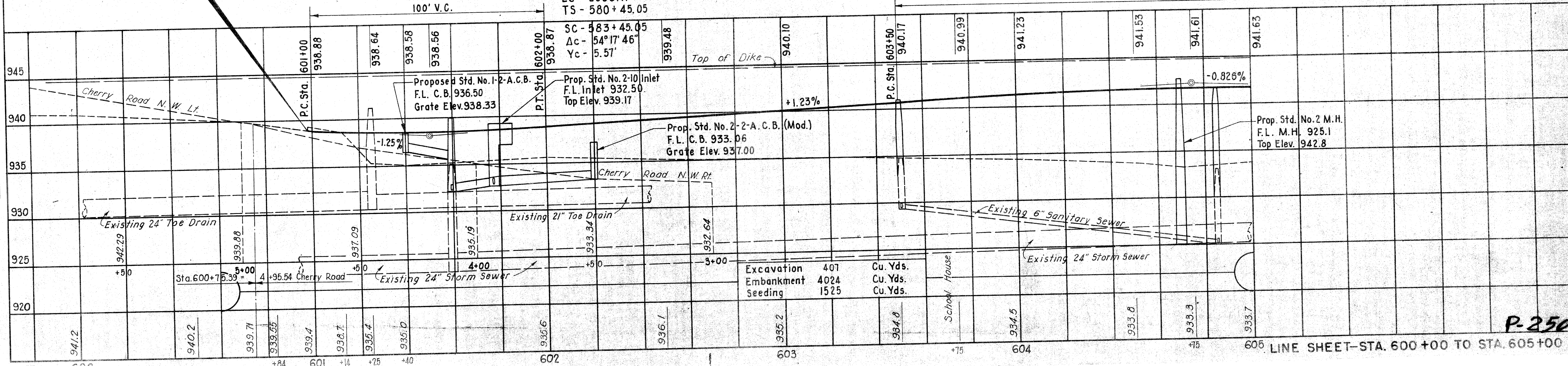
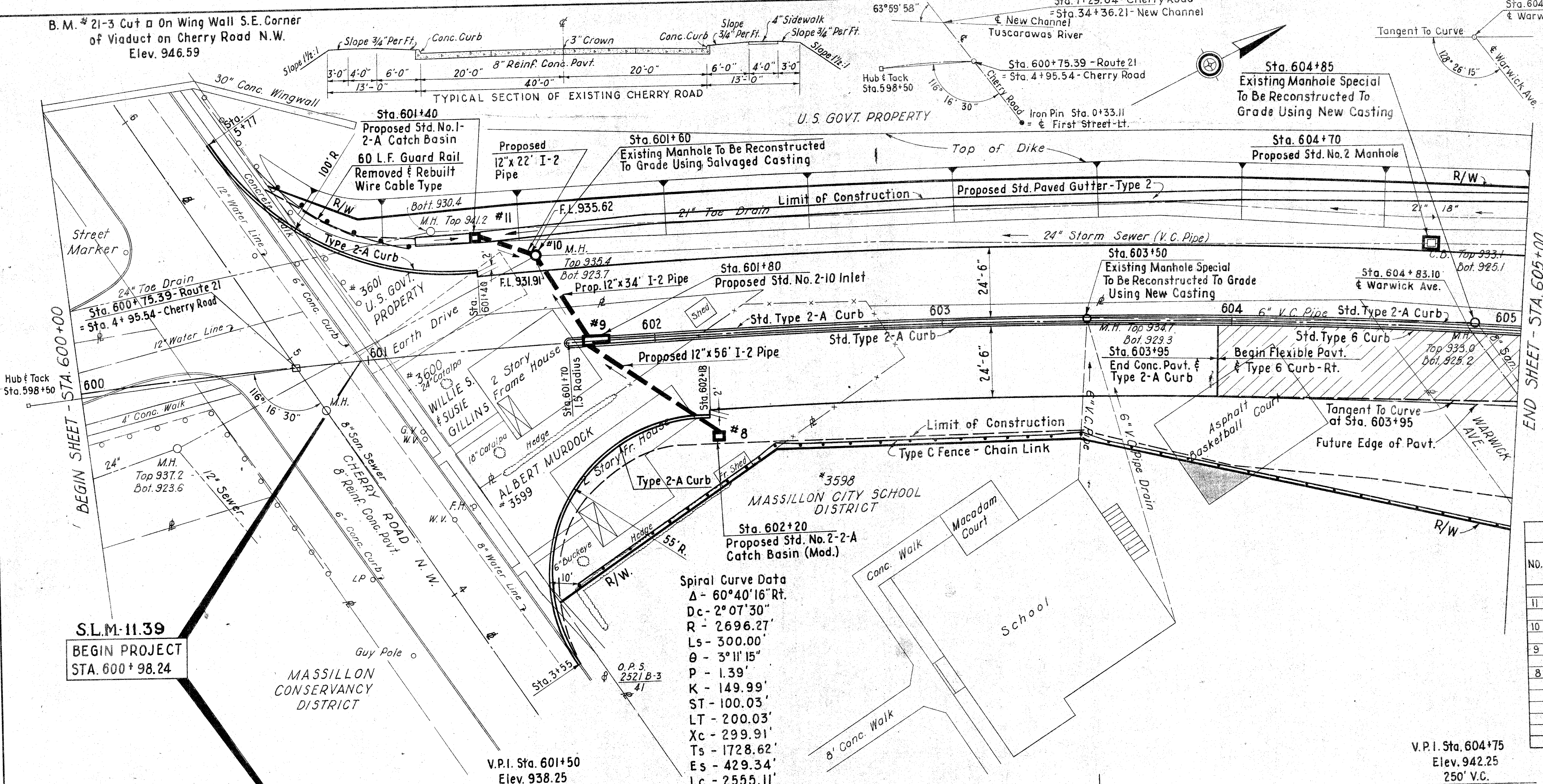
STA.-21-11.39

ITEM 55.18 RIGHT OF WAY FENCE TYPE C - CHAIN LINK		
STATION	SIDE	LENGTH - LIN. FT.
601+67 - 605+00	Rt.	340'
TOTAL		340'

E-8 REMOVAL & DISPOSAL OF EXISTING WEARING SURFACE	
LOCATION	SQ. YDS.
Sta. 604+ Rt. Portion of Asphalt Court	25

For Fine Aggregate and 8" Underdrain Tabulation (See Sheet No. 8)

STORM DRAINAGE									
NO.	STATION	Dist. to C.B.	1-2		Catch Basins		Inlets		Manholes
			Cl. B Storm Sewers Under Pavt. 12" Lin. Ft.	Under Pavt. 12" Lin. Ft.	No. 1-2-A	No. 2-2-A	No. 2-10	Mon. Box	
	600+75.39	0							
11	601+40	39'L			1				
	601+40-601+60	L	22						
10	601+60	31'L							
	601+60-601+80	L	34						
9	601+80	0					1		
	601+80-602+20	R	56						
8	602+20	35'R							
	603+50	1'L							
	604+70	29'L							
	604+85	2'L							
TOTALS			112		1	1	1	1	2



P-250

LINE SHEET-STA. 600+00 TO STA. 605+00

B.M. # 21-4 R.R. Spike In Power Pole 2521 B-4
99' Rt. Sta. 607+74
Elev. 934.73

U.S. GOVT. PROPERTY

Sta. 608+92.60 - Route 21
= & First Street - N.W.
Tangent To Curve
133° 59' 14"

Hub & Tack
Back Tangent
C. S. Sta. 609+00.16

STA-21-11.39

E-8 REMOVAL & DISPOSAL OF EXISTING CURB			
STATION	SIDE	STREET	LIN. FT.
608+	Rt.	First	28

E-8 REMOVAL & DISPOSAL OF EXISTING SIDEWALK			
STATION	SIDE	STREET	SQ. FT.
608+	Rt.	First	76

STORM DRAINAGE											
No.	STATION	Dist. From & To	1-2 C.I. Storm Sewer Under Pavt. - L.F.	1-8 Manholes	1-8 Inlets	1-8 C.B.	1-8 Ex. For Struct.	1-8 Conc. For Struct.	1-8 Steel	1-8 Lbs.	
	605+35	to Rt.	50								
	609+00.16	&									
	609+02	10' Lt.									
	609+03	32' Lt.									
7	610+00	32' Lt.									
6	610+00	Lt.	30								
6	610+00	&									
6	610+00	Rt.	56								
6	610+03	Rt.									
	TOTAL		50	86	1	1	1	1	5	1.50	44

ITEM SS-18 RIGHT OF WAY FENCE TYPE C - CHAIN LINK		
STATION	SIDE	LENGTH - LIN. FT.
605+00-610+00	Rt.	487
TOTAL		487

ITEM I-15 GUARD RAIL-STEEL BEAM TYPE (DEEP)		
STATION	LOCATION	LENGTH - LIN. FT.
605+34-605+60	75' Rt. of &	25.0
607+97-608+35	77' Rt. of &	37.5
TOTAL		62.5

For Fine Aggregate and 8" Underdrain Tabulation (See Sheet No. 8)

Spiral Curve Data
Δ - 60° 40' 16" Rt.
Dc - 2° 07' 30"
R - 2696.27'
Ls - 300.00'
P - 1.39'
K - 149.99'
ST - 180.03'
LT - 200.03'
Xc - 299.91'
Ts - 1728.62'
Es - 429.34'
Lc - 2555.11'

T.S. - 580+45.05
S.C. - 583+45.05
Δc - 54° 17' 46"
Yc - 5.57'

Excavation	301	Cu. Yds.
Embankment	7410	Cu. Yds.
Seeding	4301	Sq. Yds.

Prop. Std. No. 2 Manhole
F.L. M.H. 925.73
Top Elev. 938.90

Prop. Std. No. 2-10 Inlet
F.L. Inlet 929.24
Top Elev. 938.41

LINE SHEET-STA. 605+00 TO STA 610+00

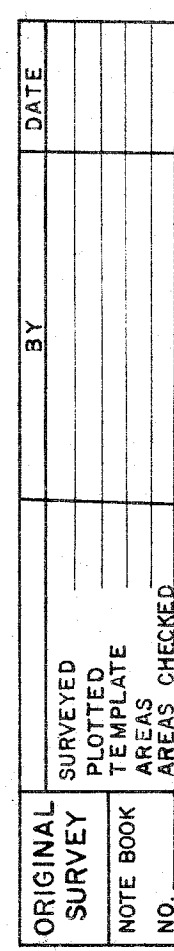
STORM DRAINAGE											
DIST. FROM C.C.	I-2			I-8			Inlet No. 2-10	E-2 Exc. For Struct.	S-1 Conc. For Struct. Cul.	S-4 Reinf. Steel	
	C.I. B Storm Sewers Lin. Ft.		C.I. B Storm Sewer Under Pavt.	Man. Box	Manholes Spec. Access Using New Coating						
	36"	21"	42"	No.	Inlet						
4											
Rt.	12'				1						
65' R				1							
Rt.		90'									
21.1			306		1			2	1.20	30	
LER											
Lt.								4	0.76		
4	12'	90'	306	1	1	2	1	6	1.20	0.76 30	

E-8 REMOVAL AND DISPOSAL OF EXISTING WEARING SURFACE			
STATION	SIDE	STREET	SQ. YDS.
619+	Rt.	State	20

ITEM SS-18		RIGHT OF WAY FENCE TYPE C - CHAIN LINK
STATION	SIDE	LENGTH - LIN. FT.
615+00 - 620+00	Rt.	515'
TOTAL		515'

ITEM I-15 GUARD RAIL STEEL BEAM TYPE (DEEP)		
STATION	LOCATION	LENGTH-LIN.FT.
616+68 - 616+93	75' Rt. of E	25.0'
619+41 - 619+65	63' Rt. of E	25.0'
TOTAL		50.0'

P-250



E-8 REMOVAL AND DISPOSAL OF EXISTING WEARING COURSE			
STATION	SIDE	STREET	SQ. YDS.
621+	Rt.	OHIO AVENUE	36

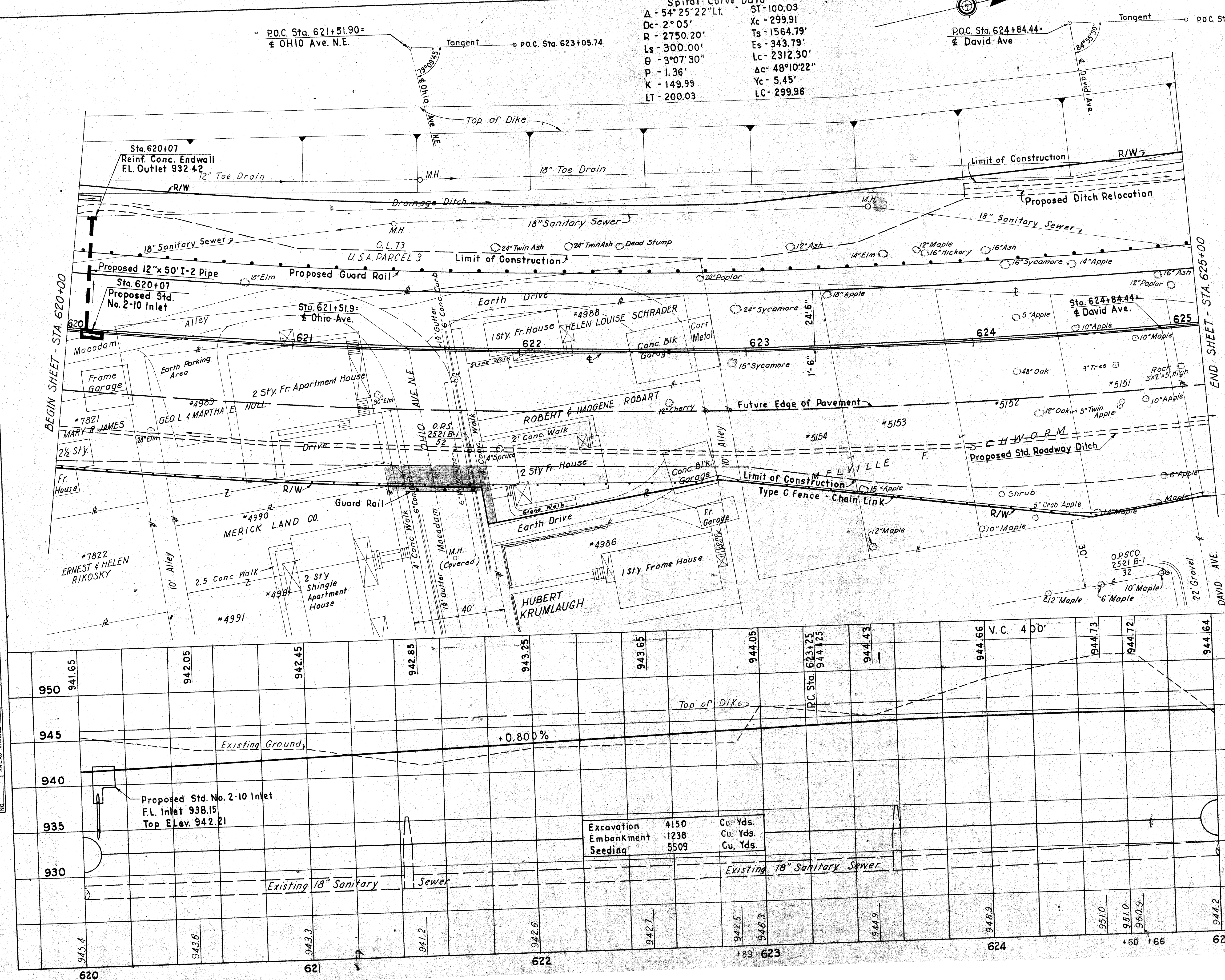
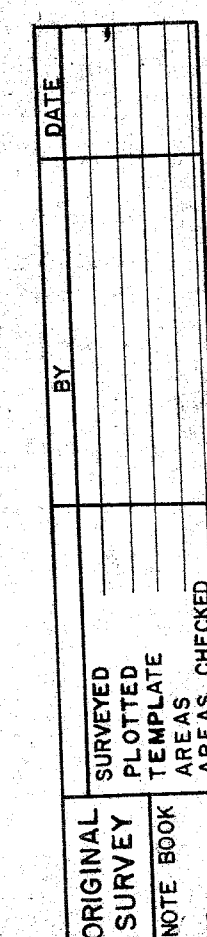
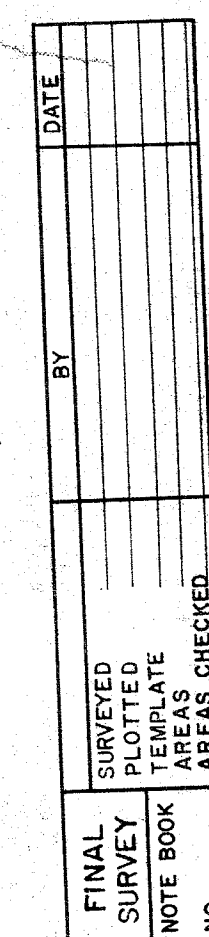
E-8 REMOVAL AND DISPOSAL OF EXISTING SIDEWALK			
STATION	SIDE	STREET	SQ. FT.
621+	RT.	OHIO AVENUE	160

E-8 REMOVAL AND DISPOSAL OF EXISTING CURB			
STATION	SIDE	STREET	LIN. Ft.
621+	Rt.	OHIO AVENUE	20

STATION	DIST. FROM £	1-2 Class B Storm Sewer Under Pavt. 12" Lin Ft.	1-8 Inlet No. 2-10	E-2 Exc. for Struct.	S-1 Conc. for Struct. Class C	S-4 Reinf. Steel
620+07	£		1			
620+07	Lt.	50				
620+07	52' Lt.			2	0.65	20
TOTAL		50	1	2	0.65	20

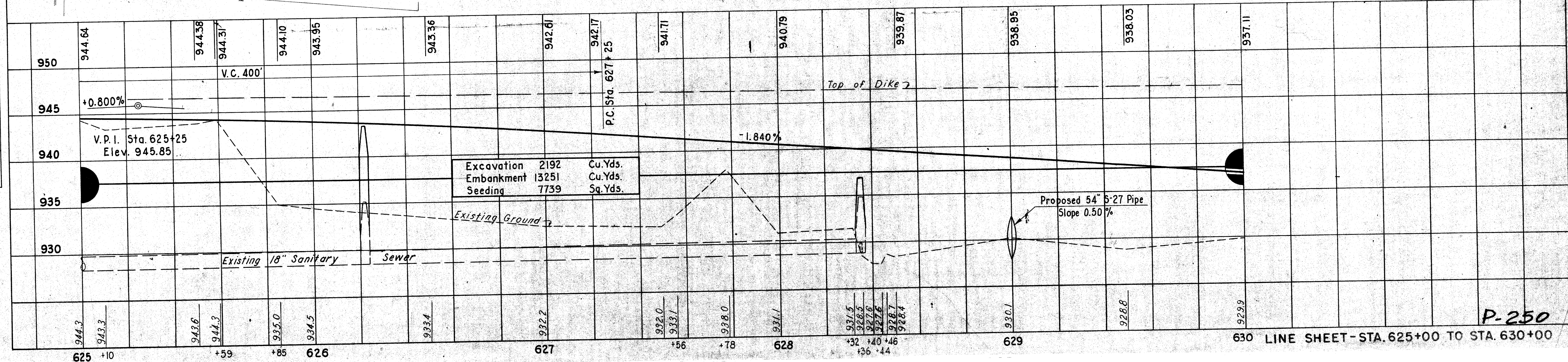
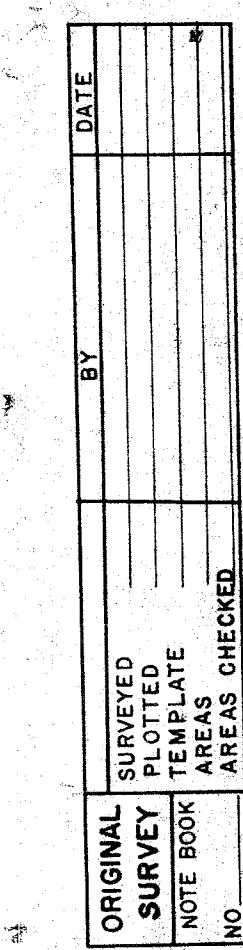
RIGHT OF WAY FENCE TYPE C- CHAIN LINK		
STATION	SIDE	LENGTH - LIN. FT.
620+00 - 625+00	Rt.	516
TOTAL		516

ITEM-115 GUARD RAIL-STEEL BEAM TYPE (DEE		
STATION	LOCATION	LENGTH LIN F
621+57-621+81	62' Rt.	25.0
TOTAL		25.0



STORM DRAINAGE						
STATION	Dist. From Ct	I-8		S-27 Pipe * For Rdwy. Culverts 54"	E-2 Exc. For Struct.	S-1 Conc. For Struct. Class E
		Manholes Adjusted To Grade	Spec. Reconst. Using New Casing			
626+22	4' Lt.		1			
628+35	61' Rt.	1				
629+00				126'	256	4.76
TOTAL		1	1	126	256	4.76

* NOTE. ITEM S-27 54" x 126' Roadway Culvert If Corrugated Metal Pipe Sec M-6.4 (d) is furnished for this item, the Gauge shall be No 10 or heavier



STA. - 21-11.39

Spiral Curve Data

Δ - 54° 25' 22" Lt	ST - 100.03'
Dc - 2° 05'	Xc - 299.91'
R - 2750.20	Ts - 1564.79'
Ls - 300'	Es - 343.79'
θ - 3° 07' 30"	Lc - 2312.30'
P - 1.36'	Δc - 48° 10' 22"
K - 149.99'	Yc - 5.45
LT - 200.03'	LC - 299.96

O.L. 75
ODILIA HANSON

STORM DRAINAGE

STATION	Dist From	I-2 Class B Storm Sewer Under Pavt. 12" Lin. Ft.	I-2 Inlets No. No. 2-10	E-2 Exc. for Struct.	S-1 Conc. for Struct Class C	S-4 Reinf. Steel
630+25	4		1			
630+28	Lt.	64		1	0.23	
630+28	65 Lt.					
632+75	4		1			
632+78	Lt.	42		1	0.65	20
632+78	43 Lt.					
TOTAL		106	1	2	0.65	20

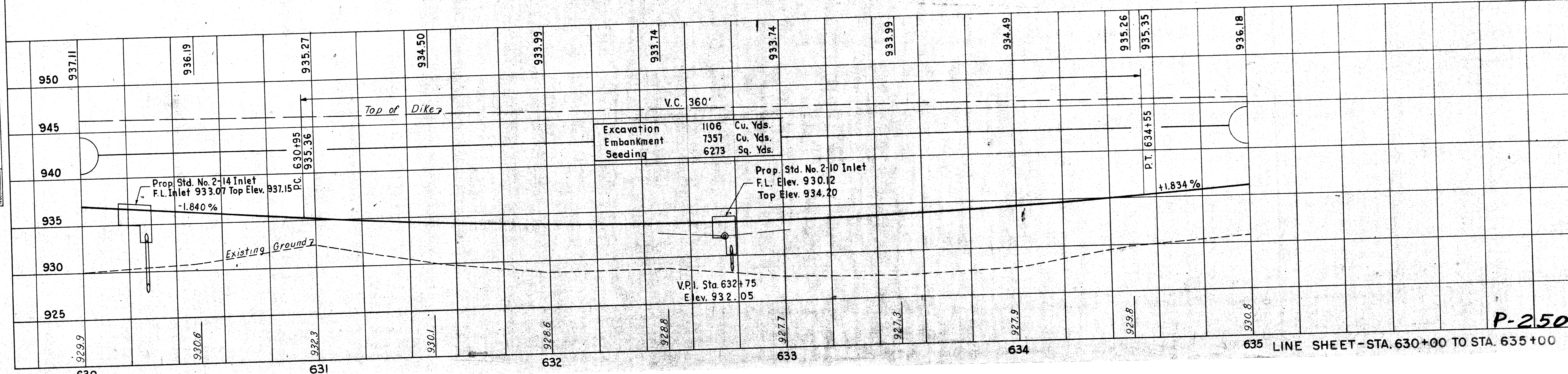
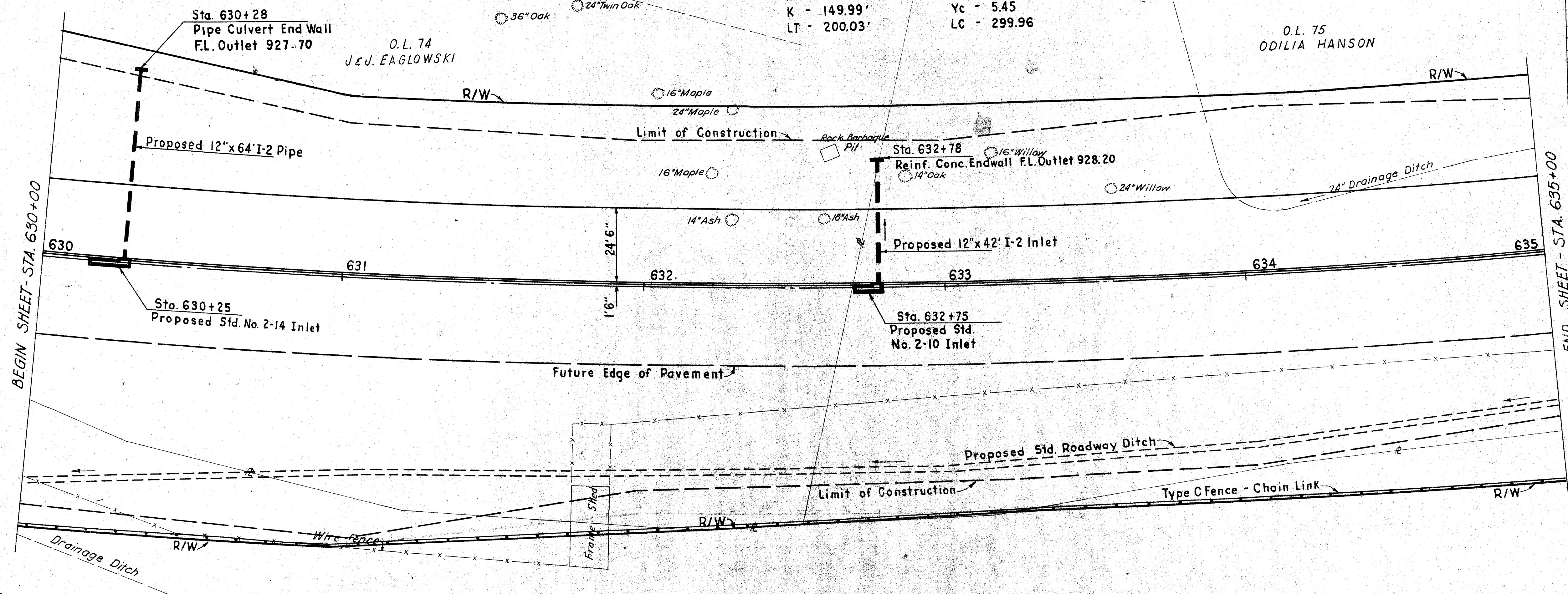
ITEM 55-18 RIGHT OF WAY FENCE TYPE C - CHAIN LINK

STATION	SIDE	LENGTH - LIN. FT.
630+00-635+00	Rt	516
TOTAL		516

ITEM E-1 ROADWAY EXCAVATION UNSUITABLE MATERIAL
Sta 632+75 to Sta. 634+75
4000 Cu. Yds. Peat Removal as directed by the Engineer

DATE	BY
FINAL SURVEY	
NOTED	
AREAS CHECKED	
NO.	

DATE	BY
ORIGINAL SURVEY	
NOTED	
AREAS CHECKED	
NO.	

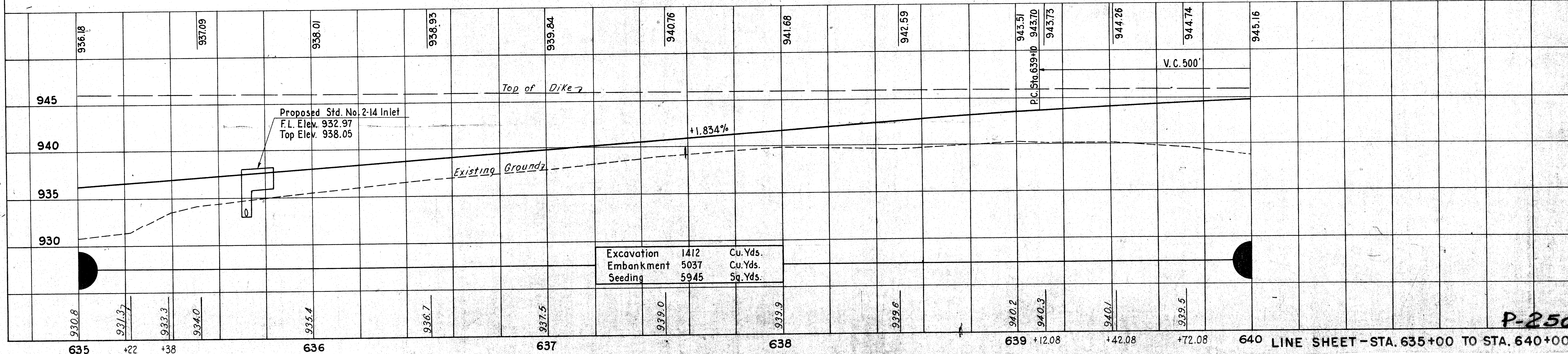
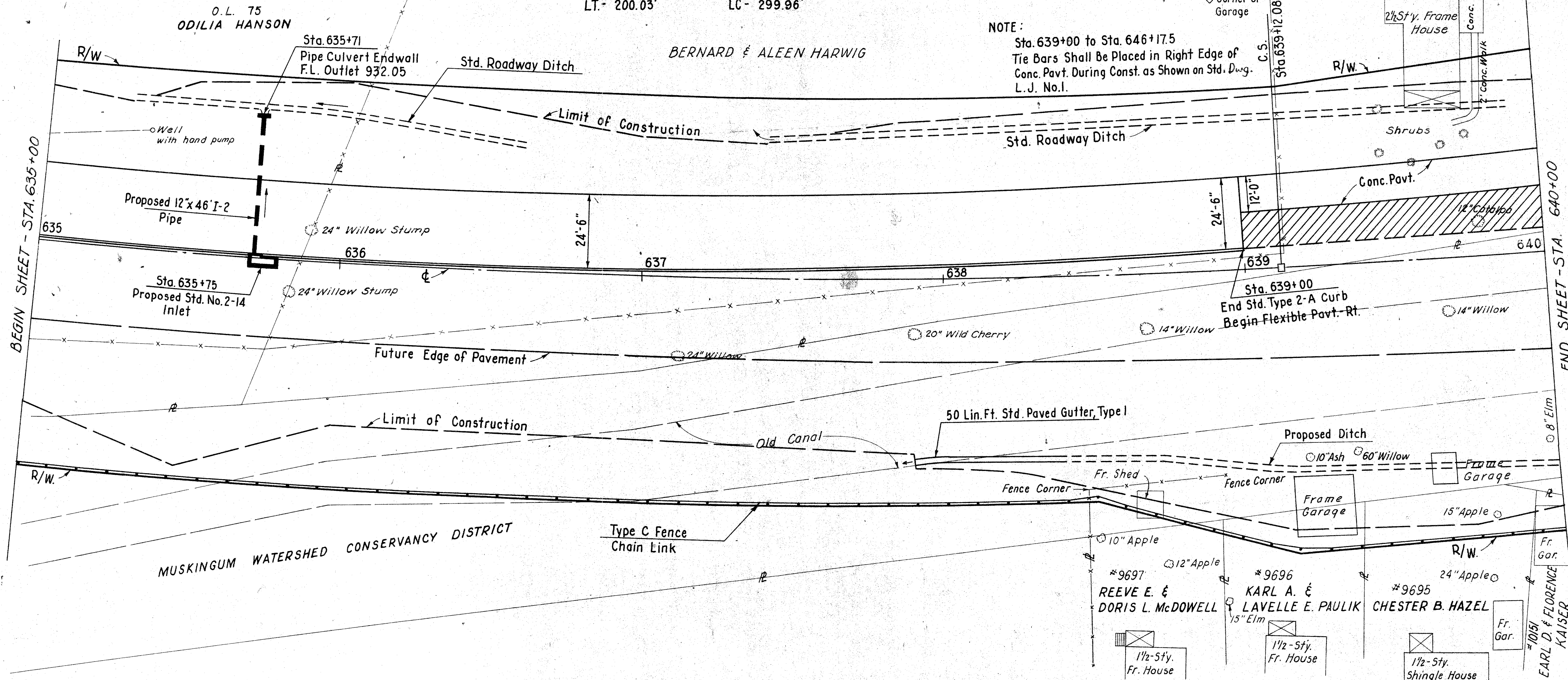


STORM DRAINAGE					
STATION	Dist. From &	I-2 Class B Storm Sewer Under Pavt. 12" Lin. Ft.	I-8 Mon. Box Inlet No. 2-14	E-2 Exc. For Struct.	S-1 Conc. For Struct. Class E
635+75	&		1		
635+71	Lt.	46'			
635+71	47' Lt.			1	0.23
639+12.08	&		1		
TOTAL		46	1	1	0.23

ITEM 55-18 RIGHT OF WAY FENCE TYPE C-CHAIN LINK		
STATION	SIDE	LENGTH - LIN. FT.
635+00-640+00	Rt.	519'
TOTAL		519'

Spiral Curve Data
 Δ - 54° 25' 22" Lt. ST - 100.03'
Dc - 2° 05' Xc - 299.91'
R - 2750.20' Ts - 1564.79'
Ls - 300.00' Es - 343.79'
 θ - 3° 07' 30" Lc - 2312.30'
p - 1.36' Δc - 48° 10' 22"
K - 149.99' Yc - 5.45'
LT - 200.03' LC - 299.96'

NOTE:
Sta. 639+00 to Sta. 646+17.5
Tie Bars Shall Be Placed in Right Edge of Conc. Pavt. During Const. as Shown on Std. Dwg. L.J. No. 1.



Excavation	1412	Cu. Yds.
Embankment	5037	Cu. Yds.
Seeding	5945	Sq. Yds.

Spiral Curve Data
Δ - 54° 25' 22" Lt.
Dc - 2° 05'
R - 2750.20'
Ls - 300.00'
θ - 3° 07' 30"
p - 1.36'
K - 149.99'
LT - 200.03'
ST - 100.03'
Xc - 299.91'
Ts - 1564.79'
Es - 343.79'
Lc - 2312.30'
Δc - 48° 10' 22"
Yc - 5.45'
LC - 299.96'

S.T. Sta. 642+12.08

B.M. #21-8 R.R. Spike In Base of 20" Willow
100' Lt. Sta. 644+00
Elev. 936.82

Sta. 643+25 - 645+75
Provide Sodding as Shown
on Cross-Sections

NOTE:
Sta. 639+00 - Sta. 646+17.5
Tie Bars Shall Be Placed In Right
Edge of Conc. Pavt. During Const.
As Shown On Std. L.J. No. 1

O.L. 162
VIRGINIA M. SELOGY

Sta. 644+05
Reinf. Conc. Endwall
F.L. Outlet 931.34

STORM DRAINAGE						
STATION	Dist. From &	S-27 Pipe For Rdwy Culvert 15" S.S.R.C.C.P. 15' E.S.V. S. Pipe	E-2 Exc. For Struct. c. 20' 20"	I-8 Conc. For Struct. Class C	S-4 Reinf. Steel	E-12 Pipe Removed 18" Lin. Ft.
641+25	86' R		4	1.00	26	
641+25	Rt.					44
642+12.08	&		1			
644+05		152	62	1.70	48	
TOTAL		152	66	2.70	74	44

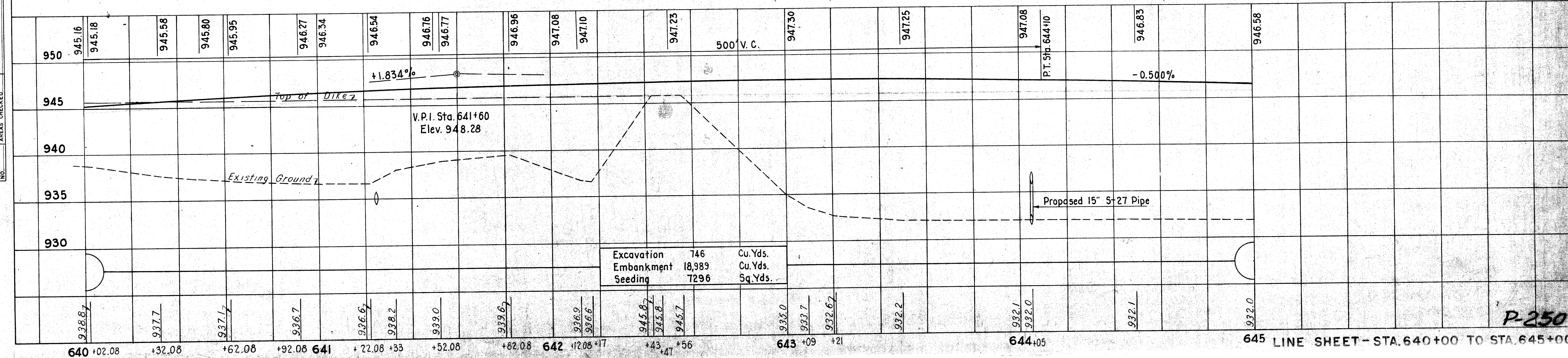
ITEM I-23 PRECAST WHITE PORTLAND CEMENT CONCRETE TRAFFIC DIVIDERS		
STATION TO STATION	LOCATION	TOTAL
641+00 - 641+60	22.5' Lt. of & to 20' Lt. of &	6

ITEM SS-18 RIGHT OF WAY FENCE - TYPE C CHAIN LINK		
STATION	SIDE	LENGTH - LIN. FT.
640+00 - 645+00	Rt.	501
642+40 - 645+00	Lt.	265
TOTAL		766

For Fine Aggregate and 8" Underdrain
Tabulation (See Sheet No. 8)

DATE	BY	FINAL SURVEY PLOTTED	NO.

DATE	BY	ORIGINAL SURVEY PLOTTED	NO.



BEGIN SHEET - STA. 640+00

END SHEET - STA. 645+00

HAZEL BLAIR
#10150
EARL D. & FLORENCE KAISER

MUSKINGUM WATERSHED CONSERVANCY DISTRICT
(To be sold to abutting Owners)

MUSKINGUM WATERSHED CONSERVANCY DISTRICT
Sta. 644+05 - 646+00
Provide Sodding as Shown on Cross-Sections.

#2697
L.C. REYNOLDS

STA. - 21 - 11.39

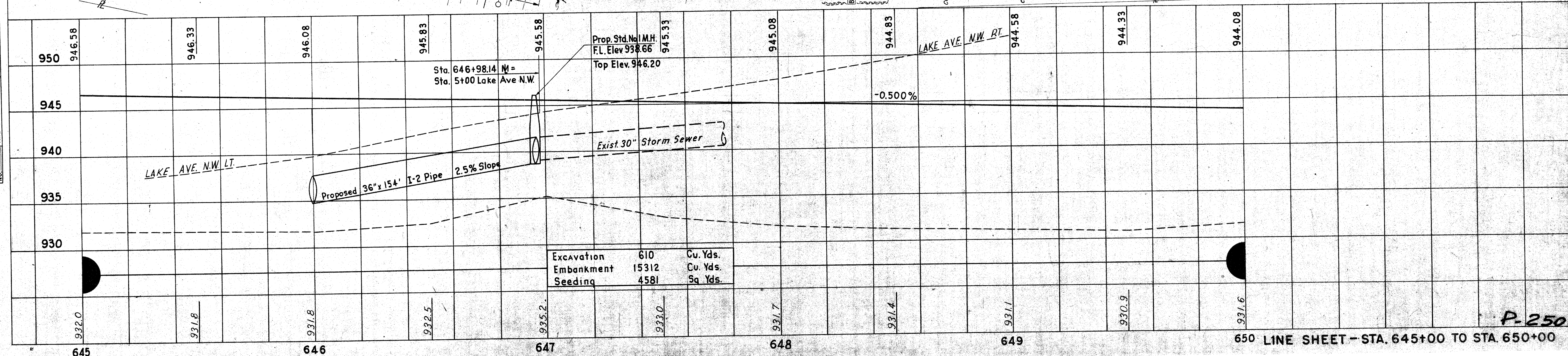
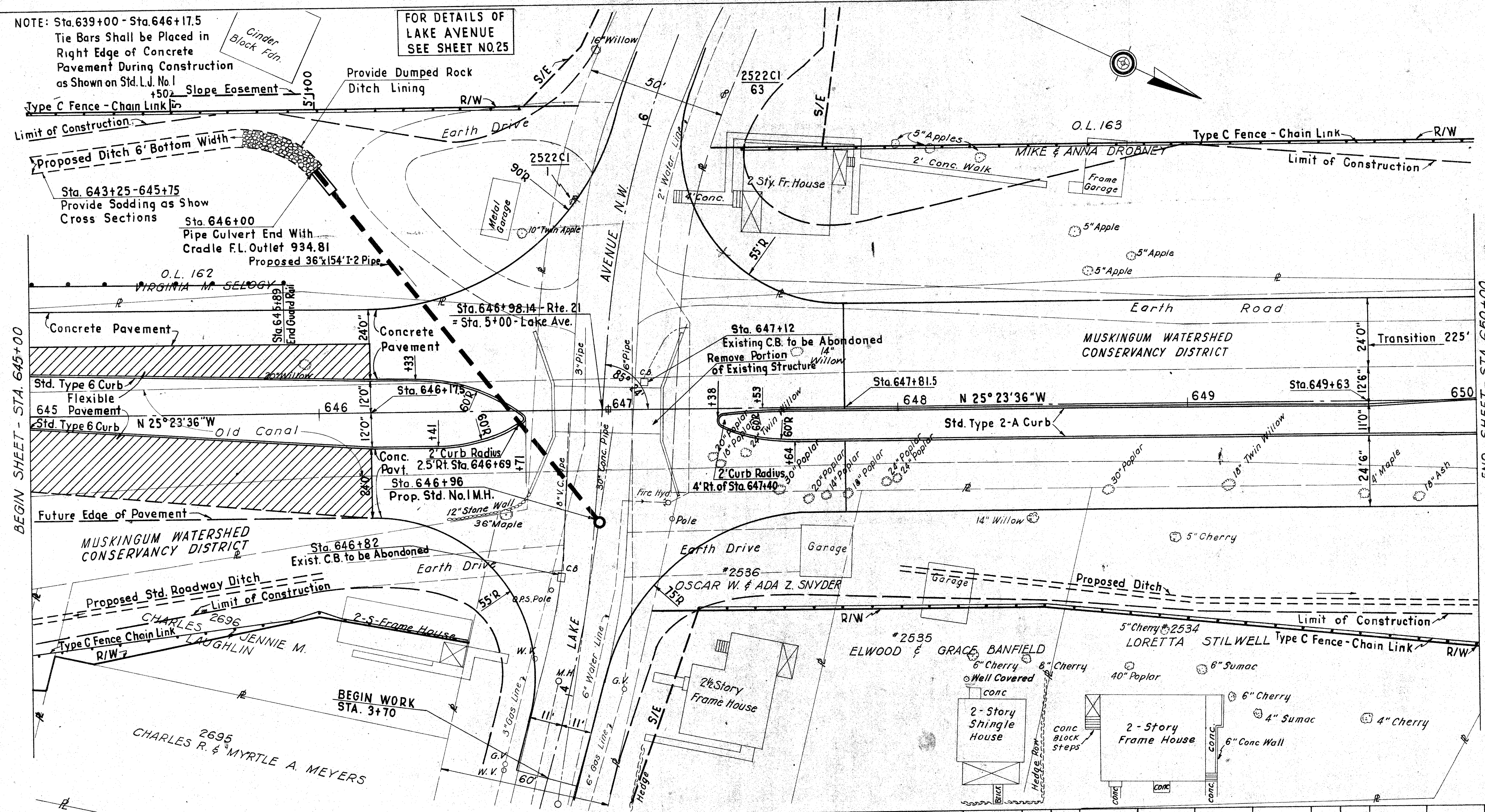
S-22 REMOVAL OF PORTION OF EXISTING STRUCTURE		
STATION	DESCRIPTION	CU. YDS.
647+	Existing Conc. Structure	32

STORM DRAINAGE						
STATION	Dist. From	I-2 Class B Storm Sewer Under Pavt. 36" Lin Ft.	I-8 Mon. Box	I-10 M.H. No. 1	I-16 Dumped Rock Fill Basin Cu. Yds. Abandoned	S-1 Conc. for Structures Class E
645+75-646+00	Lt.				14	
646+00	Lt.					1.73
646+00-646+86		154				
646+82	57' Rt.					
646+96	39' Rt.					
646+99.98						
647+12	9' Lt.					
TOTAL		154	1	1	14	2
						1.73

ITEM S5-18 RIGHT OF WAY FENCE TYPE C CHAIN		
STATION	SIDE	LENGTH LIN. FT.
645+00 - 646+50	Rt.	154
647+31 - 650+00	Rt.	271
645+00 - 646+70	Lt.	170
647+47 - 650+00	Lt.	253
TOTAL		848

NOTE: Sta. 639+00 - Sta. 646+17.5
Tie Bars Shall be Placed in Right Edge of Concrete Pavement During Construction as Shown on Std. L.J. No. 1

FOR DETAILS OF LAKE AVENUE SEE SHEET NO. 25



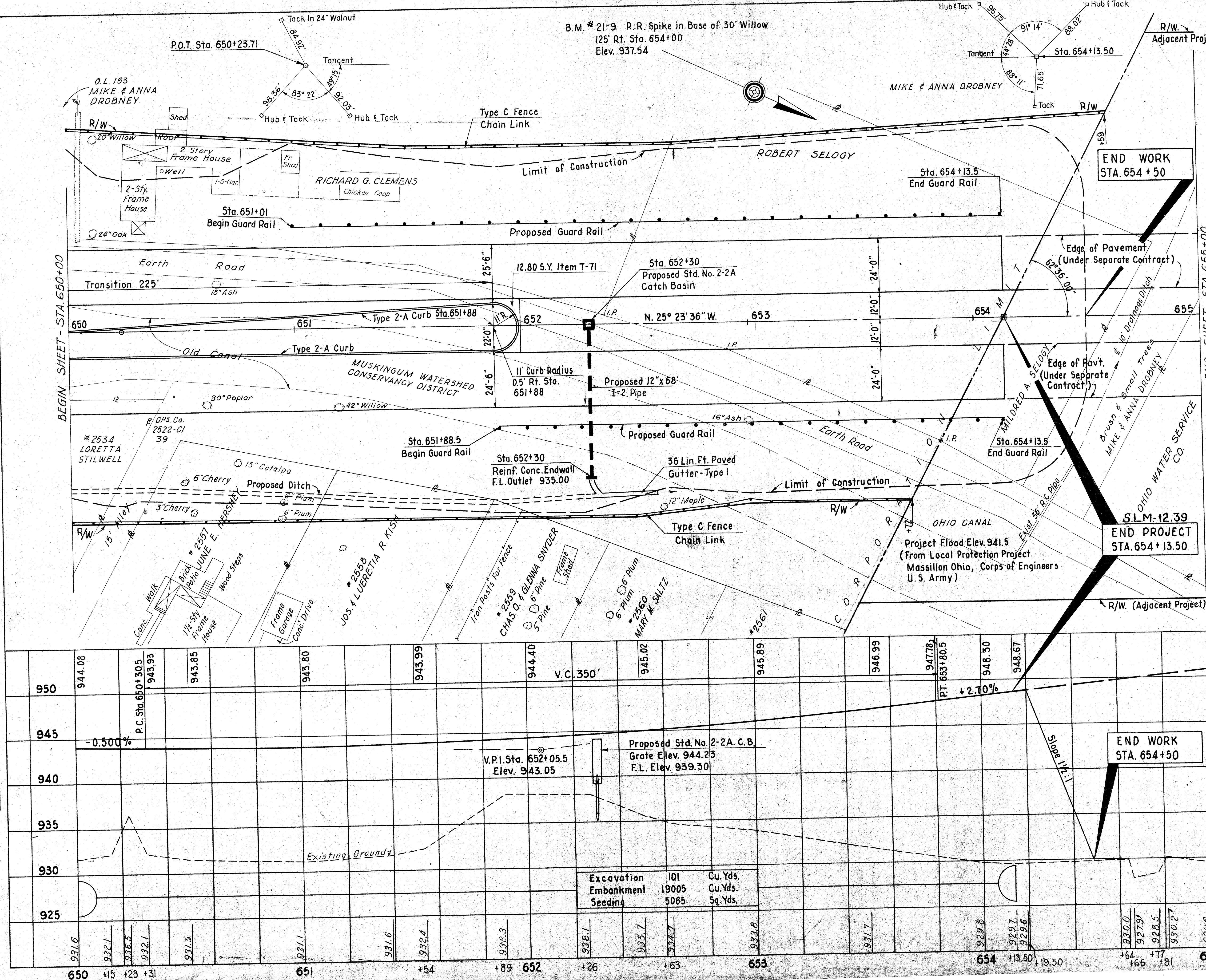
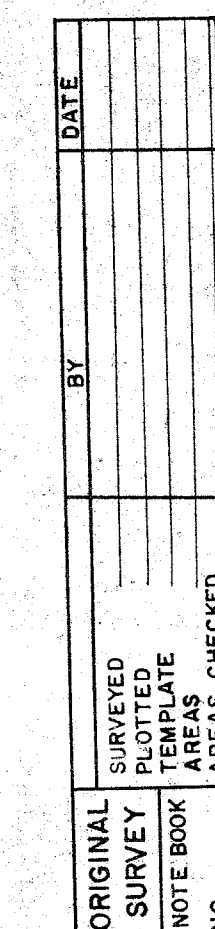
DATE
BY
NO.
ORIGINAL SURVEY PLOTTED TEMPLATE NOTE BOOK AREAS CHECKED

DATE
BY
NO.
ORIGINAL SURVEY PLOTTED TEMPLATE NOTE BOOK AREAS CHECKED

ITEM 55-18 - RIGHT OF WAY FENCE - TYPE C - CHAIN LINK		
STATION	SIDE	LENGTH - LIN. FT.
650+00 - 653+72	Rt.	372
650+00 - 654+59	Lt.	460
TOTAL		832

Work on This Project Shall Terminate at Station 654+13.50; However if This Project is Constructed Prior to the Adjacent Project, The Embankment Shall Be Completed to Station 654+20 and Sloped 1/2:1 To End of Work at Station 654+50.

Material Required to Complete the Above Embankment
If Needed, Shall be Paid for at the Contract Bid
Price Per Cubic Yard for Item E-4, Borrow.

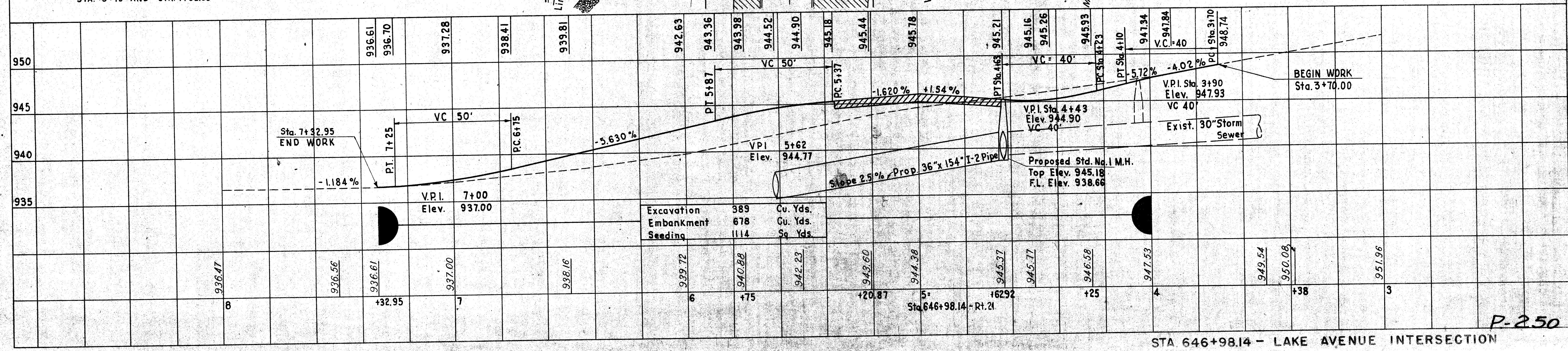
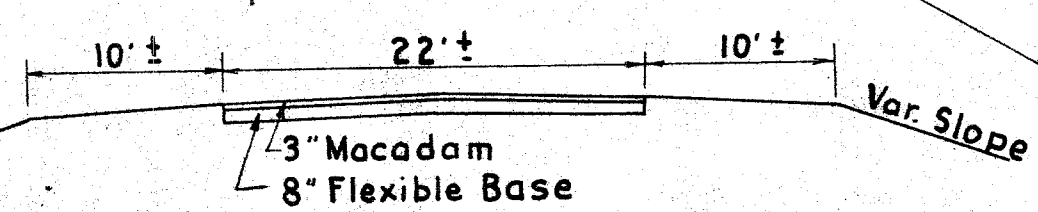
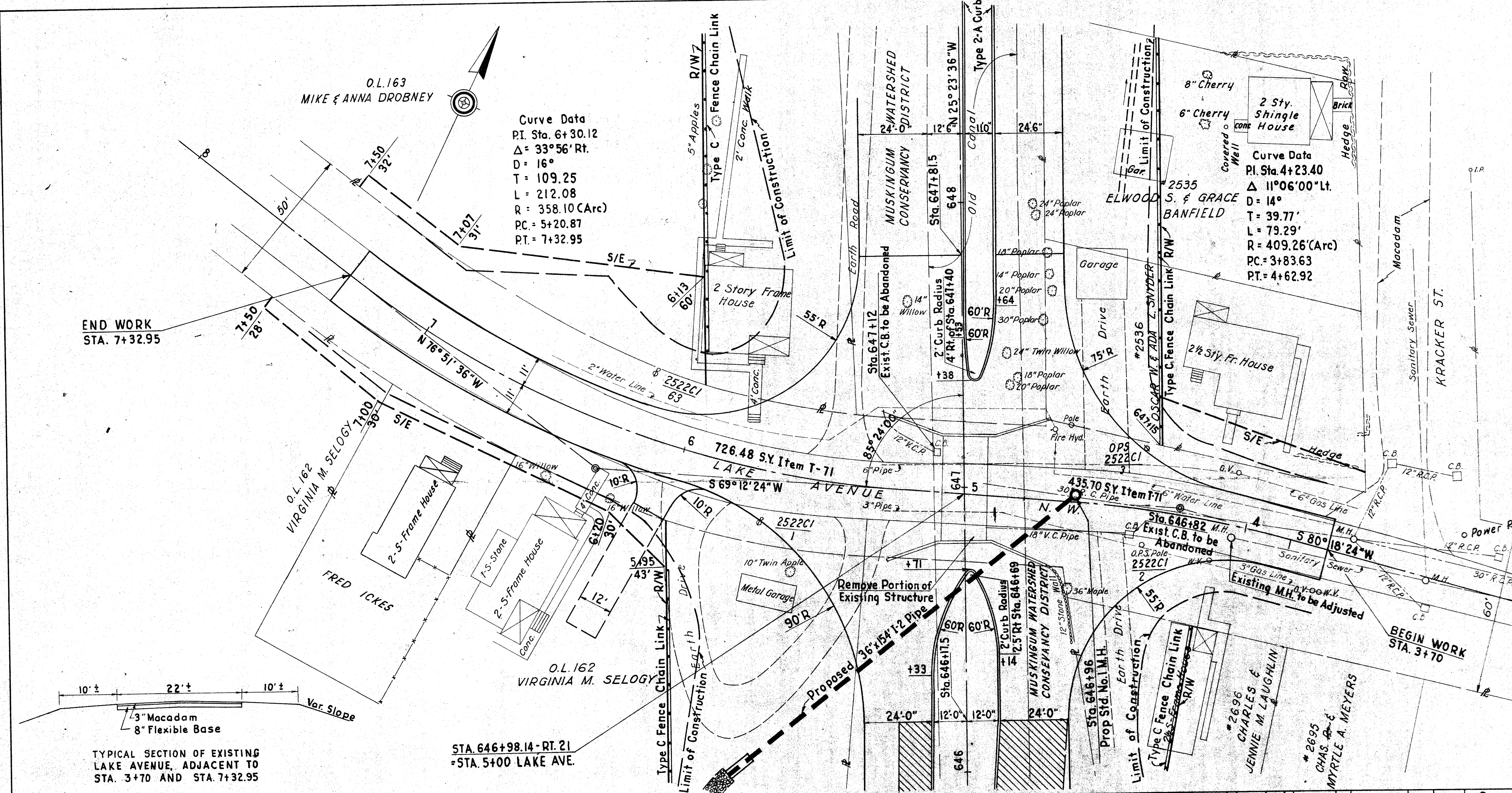


STA. -21 -11.39

LAKE AVENUE LT.	
ITEM T-71	9" Reinforced Portland Cement Concrete Pavement
Sta. 5+36.12 to 7+32.95	Length 196.83 Lin. Ft.
196.83 x 22.0 ÷ 9 =	481.14 Sq. Yds.
Returns (Planimeter Area)	245.34 Sq. Yds.
TOTAL	726.48 Sq. Yds.
LAKE AVENUE RT.	
ITEM T-71	9" Reinforced Portland Cement Concrete Pavement
Sta. 3+70 to 4+63.88	Length 93.88 Lin. Ft.
93.88 x 22.0 ÷ 9 =	229.48 Sq. Yds.
Returns (Planimeter Area)	206.22 Sq. Yds.
TOTAL	435.70 Sq. Yds.
ITEM I-18	6" Stabilized Crushed Aggregate Shoulders
268.00 Lin. Ft. 4'-0" Width	
268.00 x 4.0 x 0.5 ÷ 27 =	19.85 Cu. Yds.
ITEM I-22	Subbase (Grading "A" or "B")
LaKe Avenue Lt. & Rt.	
253.00 Cu. Yds. (See Subbase Computations)	

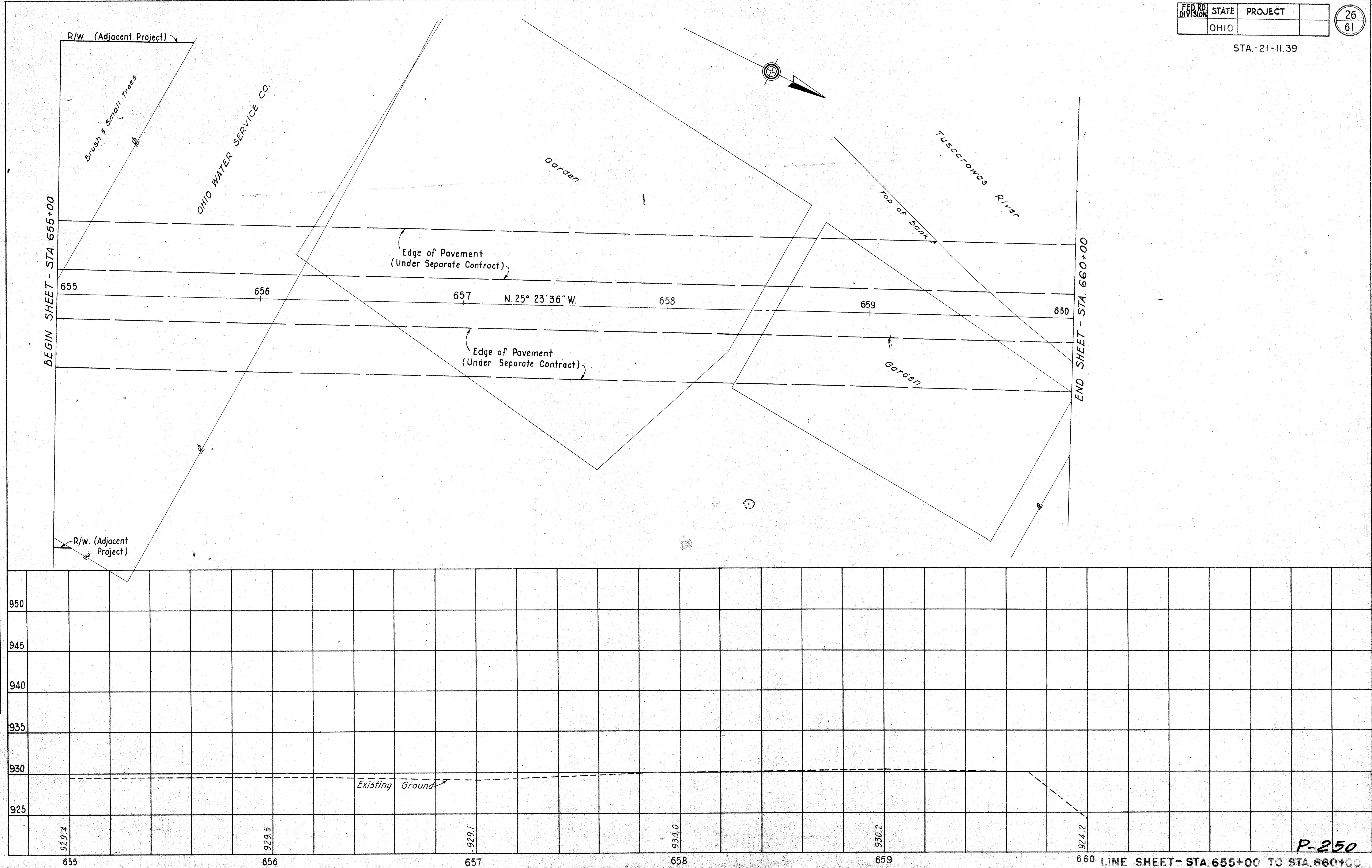
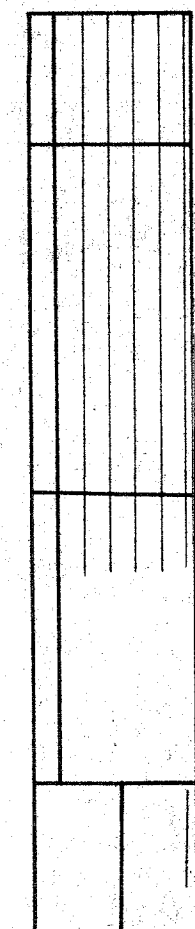
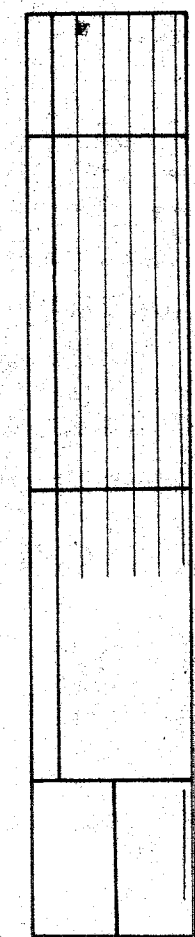
DRIVE LT. STA. 6+00	
* 5 Cu. Yds. Excavation	
* 10 Cu. Yds. Embankment	
23.6 Sq. Yds. 7" Portland Cement Concrete Pavement	
14.2 Cu. Yds. 8" Crushed Aggregate Base Course	
* Quantities included in Lake Avenue Quantities	

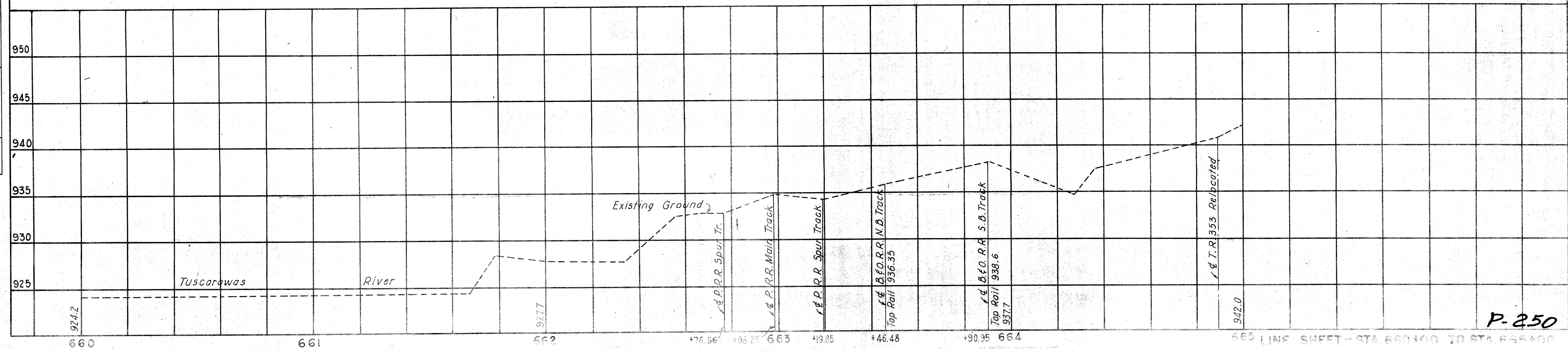
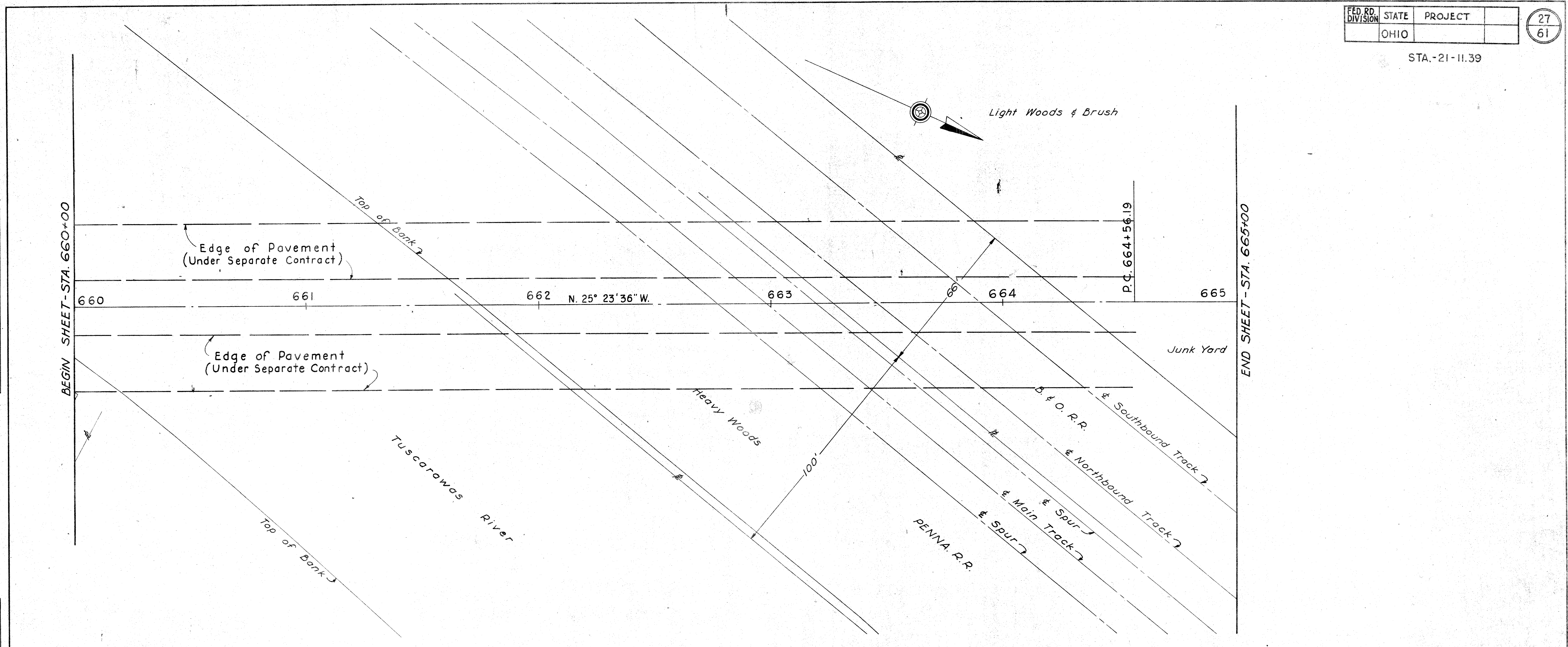
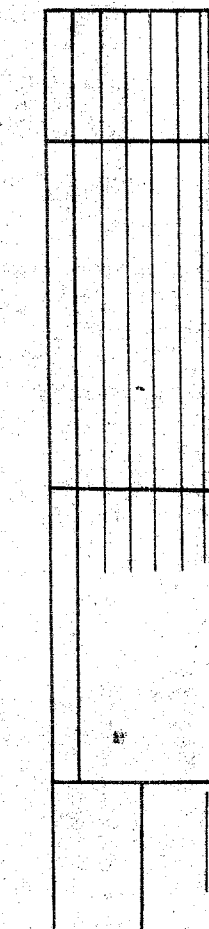
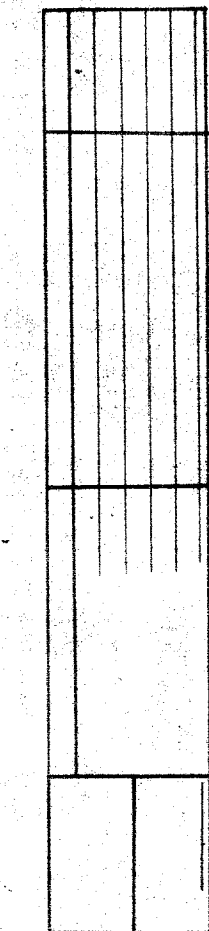
STORM DRAINAGE		
STATION	LOCATION	Manhole Adjusted to Grade
4+05	5' Lt.	
TOTAL		



STA 646+98.14 - LAKE AVENUE INTERSECTION

P-250





LOCATION PLAT
STA.-21-11.39
STARK COUNTY
CITY OF MASSILLON

SCALE: 1" = 200'

FED. RD. DIVISION STATE PROJECT
OH10

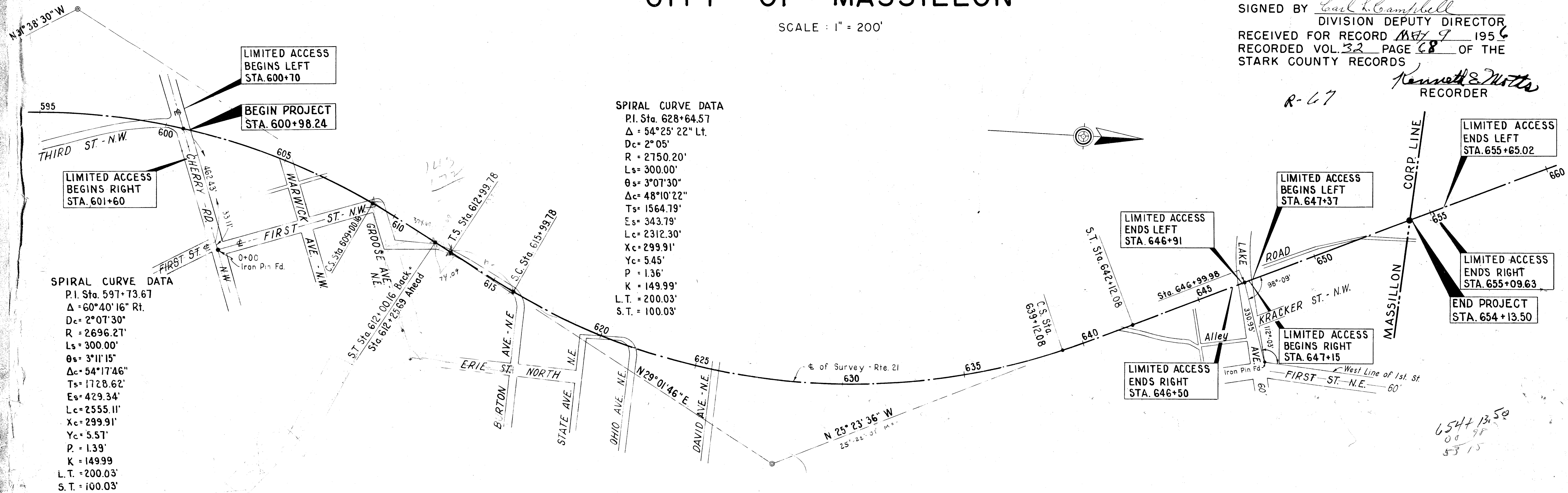
STA.-21-11.39

50A
61
R/W
1
12

LIMITED ACCESS HIGHWAY
I HEREBY CERTIFY THIS PLAT TO BE
CORRECT

SIGNED BY Carl L. Campbell
DIVISION DEPUTY DIRECTOR
RECEIVED FOR RECORD May 7 1956
RECORDED VOL. 32 PAGE 68 OF THE
STARK COUNTY RECORDS

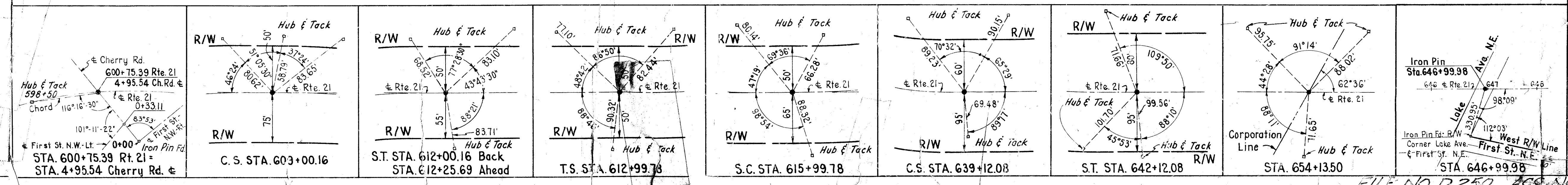
Rennett E. Motta
RECORDER



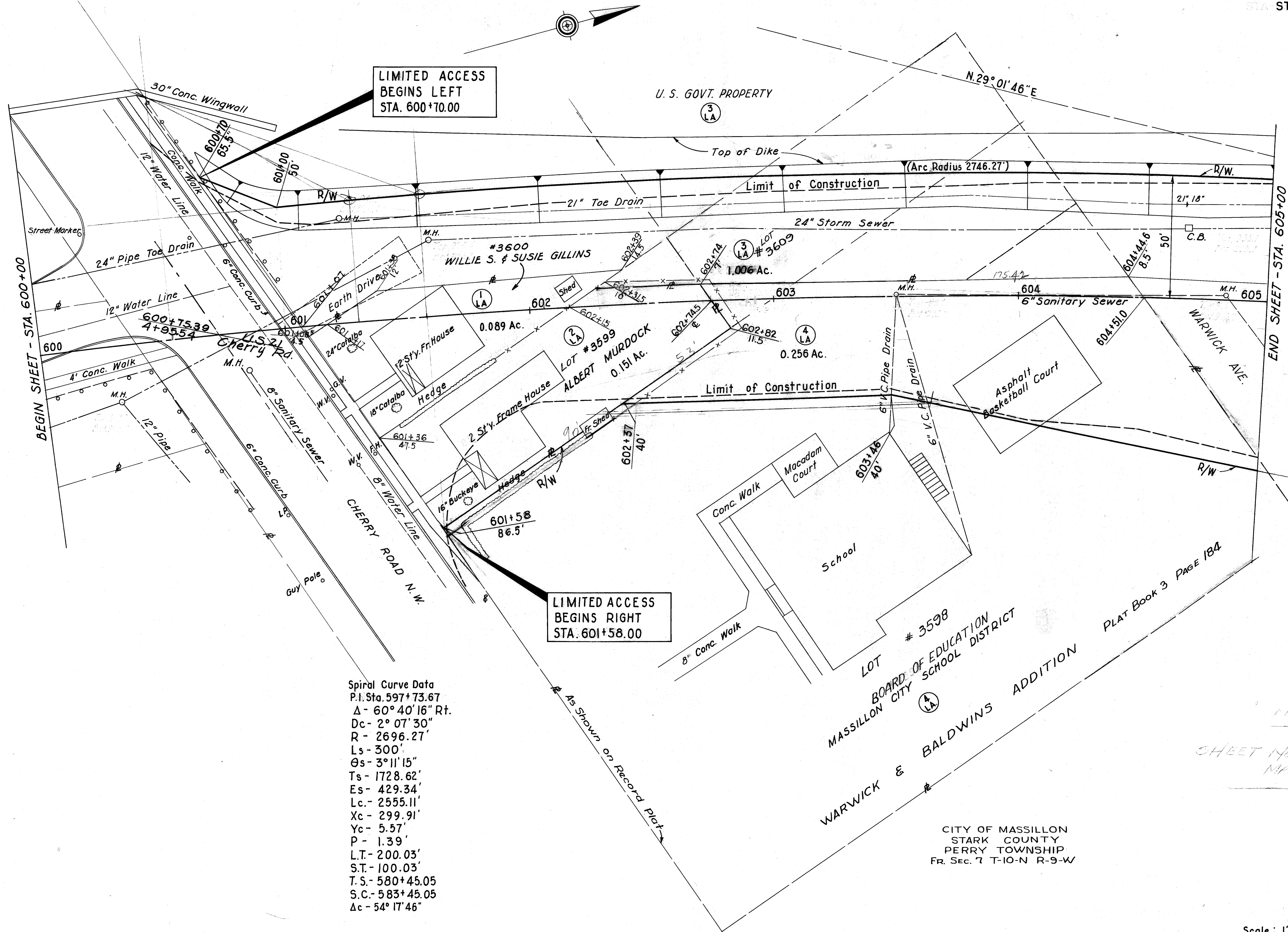
SPIRAL CURVE DATA
P.I. Sta. 597+73.67
 $\Delta = 60^\circ 40' 16''$ Rt.
 $D_c = 2^\circ 07' 30''$
 $R = 2696.27'$
 $L_s = 300.00'$
 $\theta_s = 3^\circ 11' 15''$
 $\Delta_c = 54^\circ 17' 46''$
 $T_s = 1728.62'$
 $E_s = 429.34'$
 $L_c = 2555.11'$
 $X_c = 299.91'$
 $Y_c = 5.51'$
 $P = 1.39'$
 $K = 149.99$
 $L.T. = 200.03'$
 $S.T. = 100.03'$

SPIRAL CURVE DATA
P.I. Sta. 628+64.57
 $\Delta = 54^\circ 25' 22''$ Lt.
 $D_c = 2^\circ 05'$
 $R = 2750.20'$
 $L_s = 300.00'$
 $\theta_s = 3^\circ 07' 30''$
 $\Delta_c = 48^\circ 10' 22''$
 $T_s = 1564.79'$
 $E_s = 343.79'$
 $L_c = 2312.30'$
 $X_c = 299.91'$
 $Y_c = 5.45'$
 $P = 1.36'$
 $K = 149.99$
 $L.T. = 200.03'$
 $S.T. = 100.03'$

MONUMENTS WILL BE SET DURING CONSTRUCTION ON CENTER LINE STATIONS SHOWN BELOW



FILE NO. P250 APP. NO. R212



Spiral Curve Data
P.I. Sta. 597+73.67
Δ - 60° 40' 16" Rt.
Dc - 2° 07' 30"
R - 2696.27'
Ls - 300'
Θs - 3° 11' 15"
Ts - 1728.62'
Es - 429.34'
Lc - 2555.11'
Xc - 299.91'
Yc - 5.57'
P - 1.39'
L.T. - 200.03'
S.T. - 100.03'
T.S. - 580+45.05
S.C. - 583+45.05
Δc - 54° 17' 46"

LIMITED ACCESS
BEGINS RIGHT
STA. 601+58.00

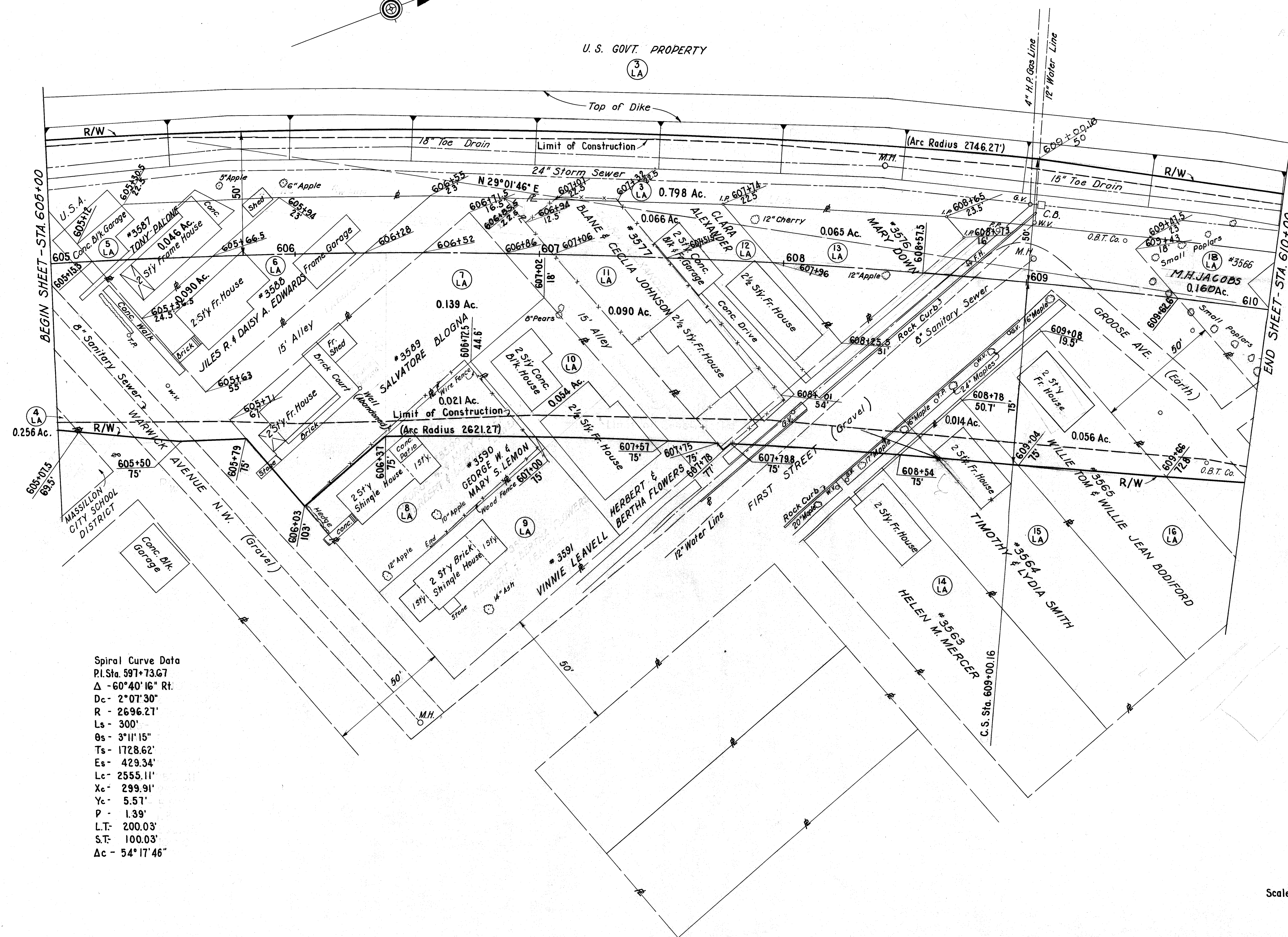
LIMITED ACCESS
BEGINS LEFT
STA. 600+70.00

LOT # 3598
BOARD OF EDUCATION
MASSILLON CITY SCHOOL DISTRICT
WARWICK & BALDWIN'S ADDITION
CITY OF MASSILLON
STARK COUNTY
PERRY TOWNSHIP
FR. SEC. 7 T-10-N R-9-W

PLAT Book 3 PAGE 184

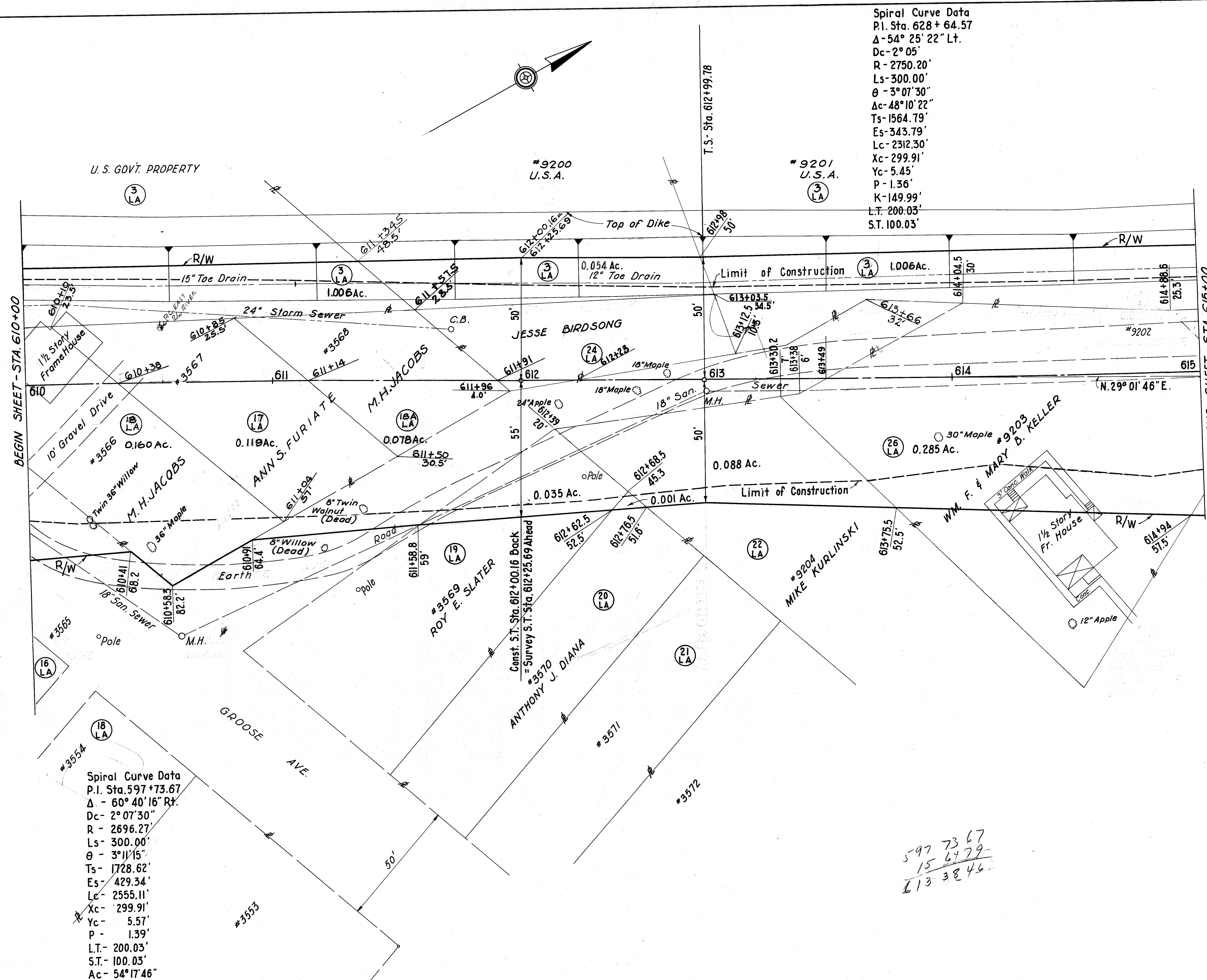
SHEET No. 1 - Location Map

Scale: 1" = 20'

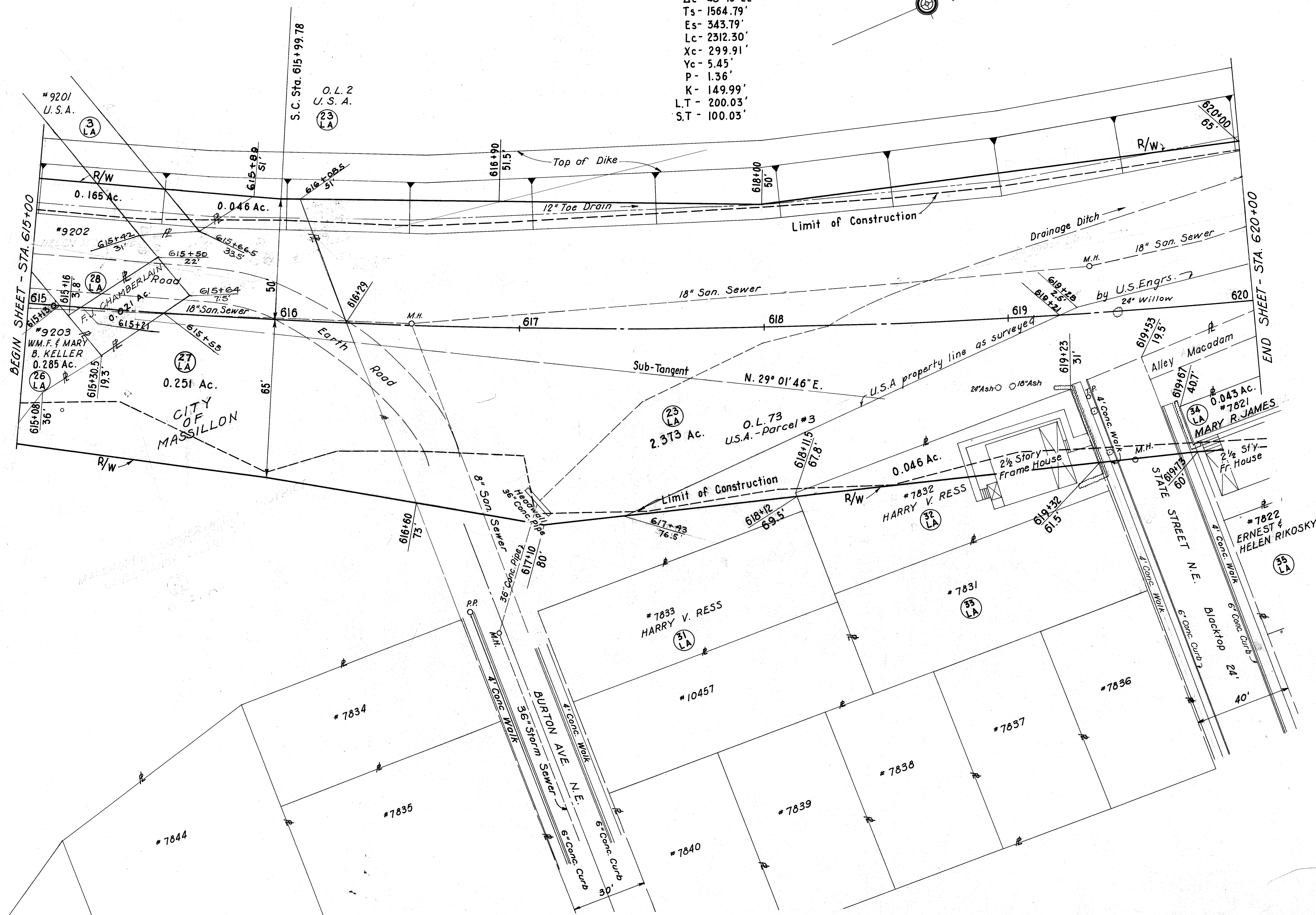
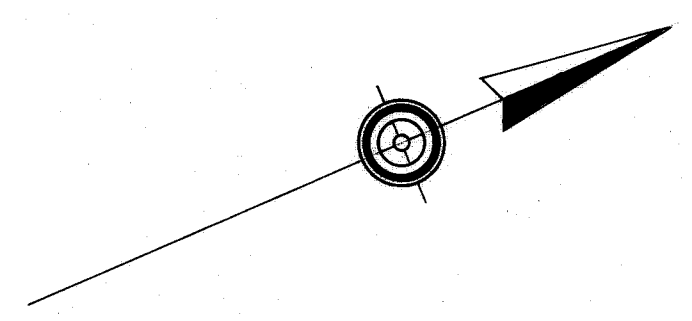


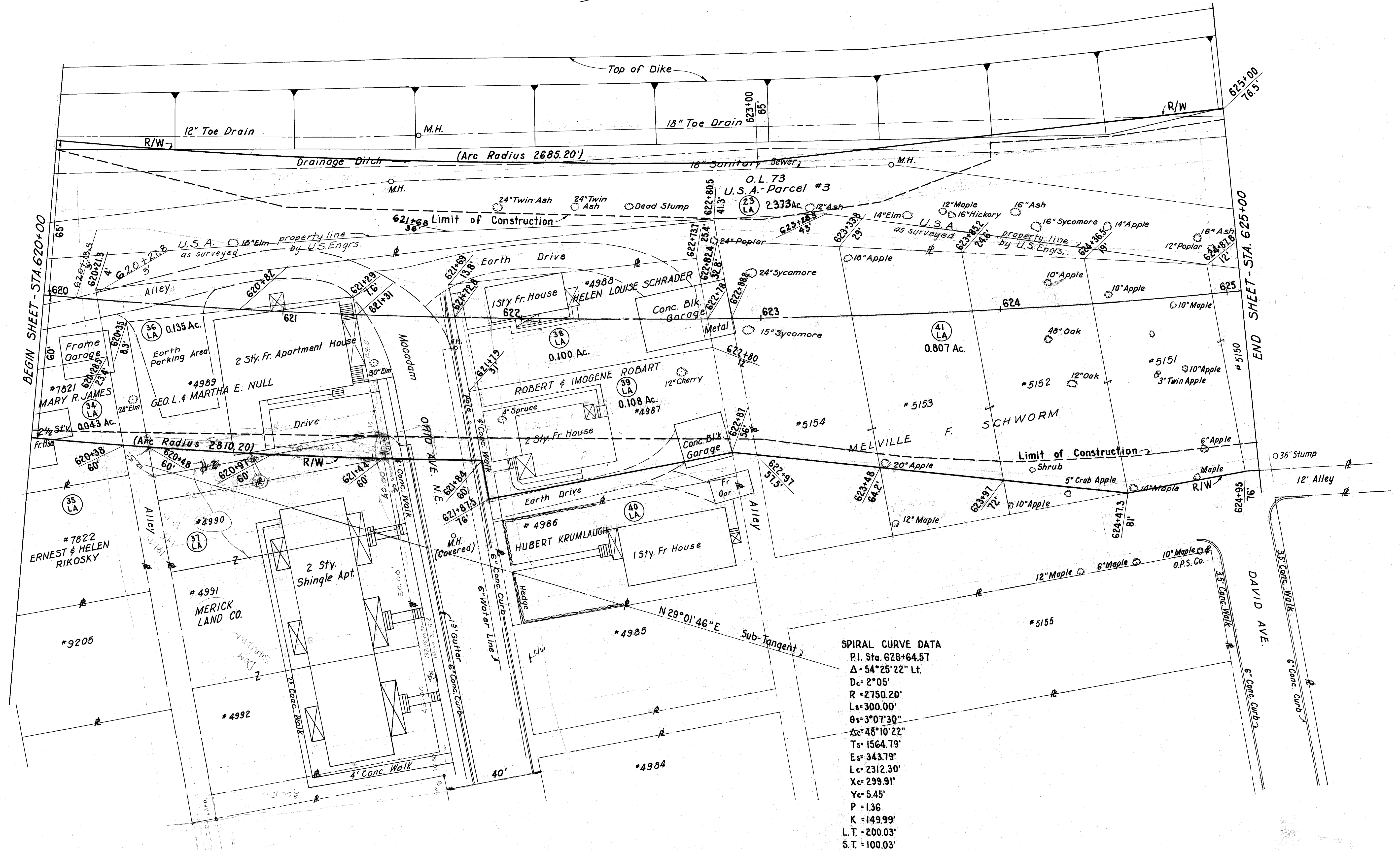
Spiral Curve Data
 P.I. Sta. 597+73.67
 Δ - 60°40'16" Rt.
 Dc - 2°07'30"
 R - 2696.27'
 Ls - 300'
 Os - 3°11'15"
 Ts - 1728.62'
 Es - 429.34'
 Lc - 2555.11'
 Xc - 299.91'
 Yc - 5.51'
 P - 1.39'
 L.T. - 200.03'
 S.T. - 100.03'
 Ac - 54°17'46"

Scale : 1" = 20'



Spiral Curve Data
P.I. Sta. 628+64.57
Δ - 54° 25' 22" Lt.
Dc - 2° 05'
R - 2750.20'
Ls - 300.00'
θ - 3° 07' 30"
Δc - 48° 10' 22"
Ts - 1564.79'
Es - 343.79'
Lc - 2312.30'
Xc - 299.91'
Yc - 5.45'
P - 1.36'
K - 149.99'
L.T. - 200.03'
S.T. - 100.03'





SPIRAL CURVE DATA
P.I. Sta. 628+64.57
 $\Delta = 54^\circ 25' 22''$ Lt.
 $D_c = 2^\circ 05'$
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 $L_s = 300.00'$
 $\theta_s = 3^\circ 07' 30''$
 $\Delta_c = 46^\circ 10' 22''$
 $T_s = 1564.79'$
 $E_s = 343.79'$
 $L_c = 2312.30'$
 $X_c = 299.91'$
 $Y_c = 5.45'$
 $P = 1.36$
 $K = 149.99'$
 $L.T. = 200.03'$
 $S.T. = 100.03'$

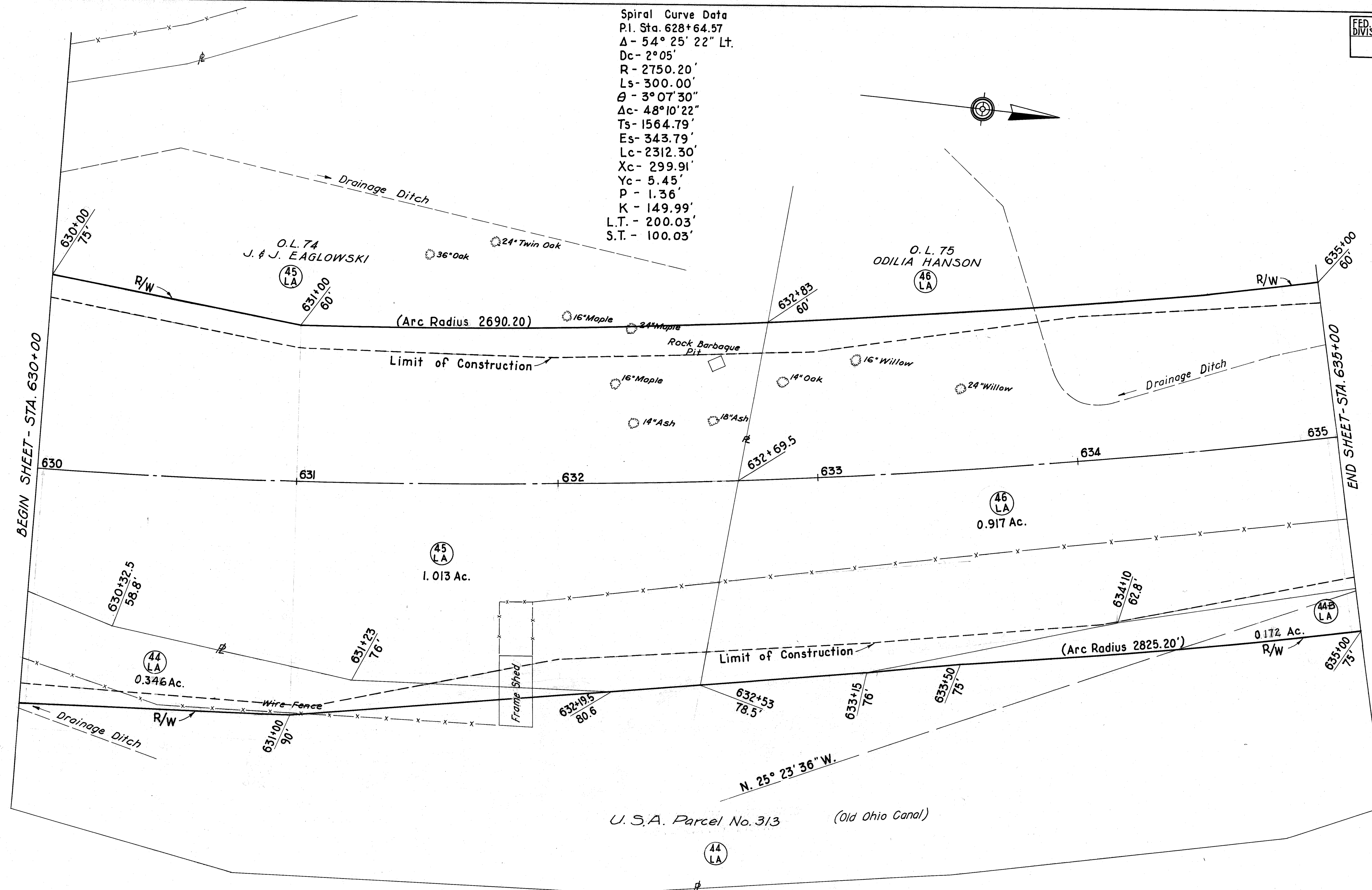
FED. RD. DIVISION	STATE	PROJECT

STA. - 21-11.39

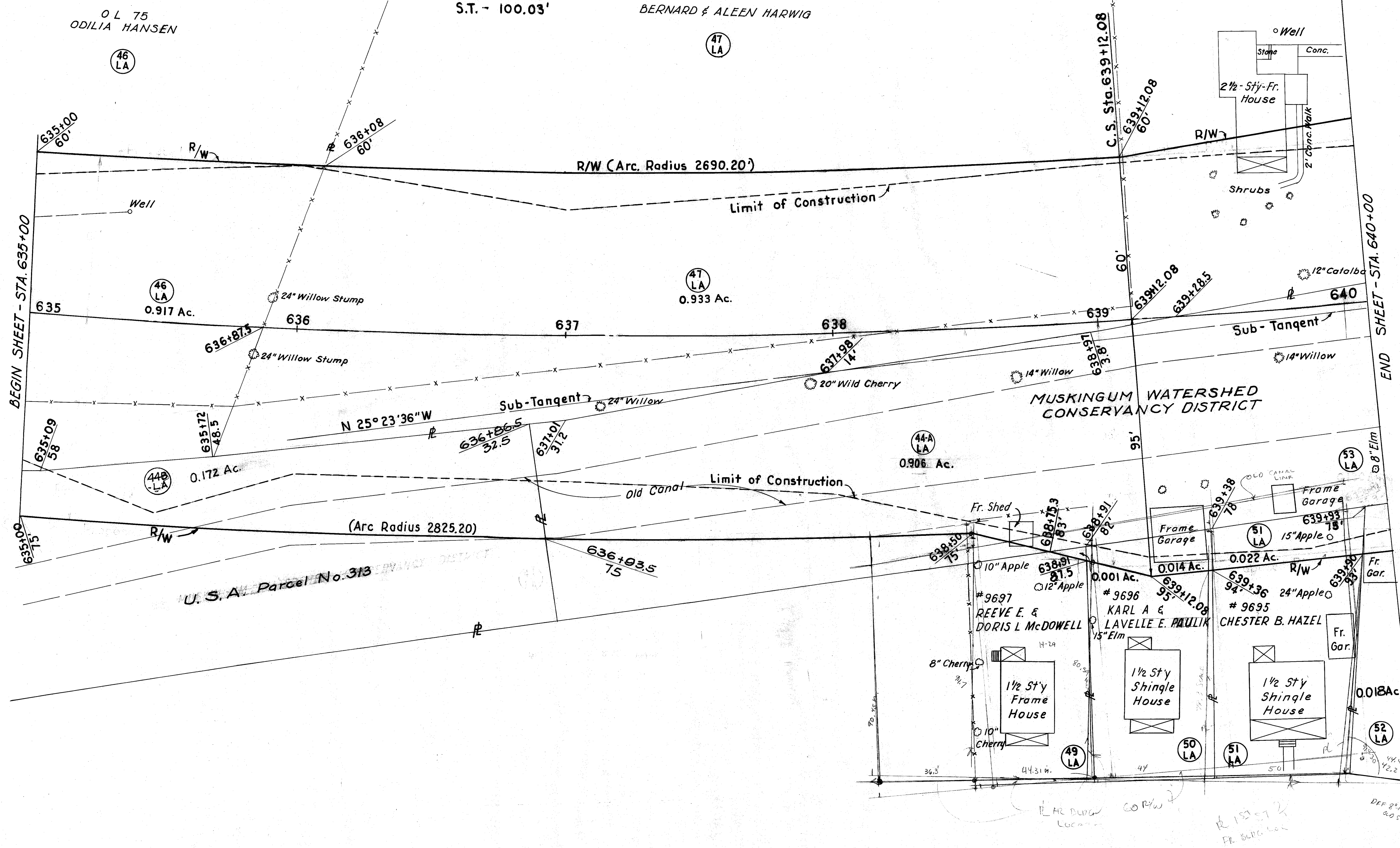
57
61

R/W
8
12

Spiral Curve Data
P.I. Sta. 628+64.57
 Δ - 54° 25' 22" Lt.
Dc - 2° 05'
R - 2750.20'
Ls - 300.00'
 θ - 3° 07' 30"
 Δ c - 48° 10' 22"
Ts - 1564.79'
Es - 343.79'
Lc - 2312.30'
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Yc - 5.45'
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Spiral Curve Data.
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 Δ - 54° 25' 22" Lt.
 Dc - 2° 05'
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 Ls - 300.00'
 B - 3° 07' 30"
 Δ c - 48° 10' 22"
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 Lc - 2312.30'
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 P - 1.36'
 K - 149.99'
 L.T. - 200.03'
 S.T. - 100.03'



628+64.57
 1564.79
 612997

STA. 21-11.39

R/W
11
12

