

# Roscommon County Road Commission

James Porath, Commissioner  
Justin Wykoff, Commissioner  
Clint Stauffer, Commissioner  
Brian Vaughn, Commissioner  
Scott Eckstorm, Commissioner

820 E. West Branch Road  
Prudenville, MI 48651

Roger Saxton, Manager  
Phone:(989)366-0333  
Fax:(989)366-0299  
Website: [www.roscommoncrc.com](http://www.roscommoncrc.com)  
E-mail: [rcrc@roscommoncrc.com](mailto:rcrc@roscommoncrc.com)

## NOTICE TO BIDDERS

The Roscommon County Road Commission will receive sealed bids until 2:30 p.m. on September 13, 2023. Bids will be opened for tabulation and review at the Roscommon County Road Commission on September 13, 2023 beginning at 2:30 p.m. The Project will be awarded at the Roscommon County Road Commission's regular board meeting on September 14, 2023, beginning at 7:00 p.m. Our office is located at 820 E. West Branch Road, Prudenville, MI 48651.

### **Roscommon County Video & Cleanout of Storm Sewers #3**

Specifications may be obtained by contacting the Roscommon County Road Commission at the above address, by calling (989)-366-0333 ext.1003, emailing [Belangern@roscommoncrc.com](mailto:Belangern@roscommoncrc.com) or by going to <http://www.roscommoncrc.com/bids-1.shtml>. Please check the website for any inquiries pertaining to this bid document.

Submit bids in a sealed envelope that is clearly marked with the words **“Roscommon County Video & Cleanout of Storm Sewers #3”**

The Roscommon County Road Commission reserves the right to reject any or all bids, to waive irregularities in any bid, and to accept the bid deemed to be in the best interest of Roscommon County Road Commission.

ROSCOMMON COUNTY BOARD  
OF ROAD COMMISSIONERS

Jim Porath, Commissioner  
Justin Wykoff, Commissioner  
Clint Stauffer, Commissioner  
Brian Vaughn, Commissioner  
Scott Eckstorm, Commissioner

**Roscommon County Road Commission  
General Specification  
For  
Roscommon County Video & Cleanout of Storm Sewers #3**

**General**

The Roscommon County Road Commission is accepting sealed bids for the cleaning and video inspection of storm sewers:

- M-55, Houghton Lake, Between Old US-27(Approx Sta 136+00) and Stanley St(approx. Sta 494+00), Attachment A, **Completion by December 31, 2023**

The Roscommon County Road Commission Special Provision for Video Inspection of Storm Sewers, the Roscommon County Road Commission Special Provision for Storm Sewer Cleanout, and the MDOT 2020 Standard Specifications for Construction shall be followed.

- Work may begin after award of project.
- At the conclusion of the project, the Contractor will need to provide a log of the system clearly identifying each segment (i.e. basin to basin); length, diameter of pipe, any issues noted, and a repair recommendation.
- Successful Contractor will be responsible for all traffic control.
- Attachment A is provided for reference only, more or less storm sewer may be found requiring cleanout & video.

**Insurance requirements**

The Roscommon County Road Commission requires that a "Certification of Insurance" be on file prior to allowing work within the right-of-way of any road under the jurisdiction of the Road Commission.

The certificate of insurance shall contain or include the following:

1. Board of County Road Commissioners and Roscommon County Road Commission and all employees named as addition insured to all coverage.
2. General liability coverage - \$1,000,000 each occurrence.
3. Automotive liability - \$1,000,000 each occurrence.
4. Worker's compensation – statutory limits.

M-55, Houghton Lake Bid Price \$ \_\_\_\_\_ Lump Sum

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Address

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
City, State & Zip

\_\_\_\_\_  
Fax

\_\_\_\_\_  
E-mail Address

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Printed Name of Authorized Signer

ROSCOMMON COUNTY ROAD COMMISSION

SPECIAL PROVISION  
FOR  
**STORM SEWER CLEANOUT**

1 of 1

**a. Description.** This work consists of removing and collecting silt, solids, and other debris from existing storm sewers, catch basins, spillways, and end sections and disposing of all collected material in accordance with section 205 of the Standard Specifications for Construction.

As directed by the Engineer, storm sewer cleanout may be applied to entire lengths or to portions of the sewers shown on the plans. Portions of storm sewers will be designated if the length requiring cleaning is readily identifiable.

**b. Materials.** None specified.

**c. Construction.** The Contractor will provide traffic control in accordance with section 812 of the Standard Specifications for Construction.

Select a method which ensures removal of all silt, solids and other debris from the storm sewer, resulting in unrestricted flow. Minimize disturbance to the area and contain all removed material in a manner approved by the Engineer.

Repair any damage to the existing drainage system which results from the cleaning operation. Provide soil erosion and sedimentation control measures or restoration items that become necessary due to the method of cleaning selected.

**d. Measurement and Payment.** The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

<b>Pay Item</b>	<b>Pay Unit</b>
Storm Sewer Cleanout .....	Lump Sum

**Storm Sewer Cleanout** includes only storm sewers authorized by the Engineer for cleaning. All costs associated with soil erosion and sedimentation control measures, restoration items, and repair work are considered included in this pay item.

All costs associated with sewer cleanout necessitated by the Contractor's operations will be at no additional cost to the contract.

ROSCOMMON COUNTY ROAD COMMISSION

SPECIAL PROVISION  
FOR  
**VIDEO INSPECTION OF STORM SEWERS**

1 of 2

**a. Description.** This work consists of making a digital video (DVD) record and log of the physical and structural conditions of the existing storm sewers. Ensure the video is professional quality, in color, and provides a clear and accurate visual record of the pipe condition.

Conduct the inspection and furnish three copies of an external hard drive(SD Card)/DVD(s) and written log(s) to the Engineer by the date specified in the bid documents. Ensure any portion of the external hard drive(SD Card)/DVD(s) determined by the Engineer to be unacceptable for the documentation is reinspected. Reinspection may include recleaning of the storm sewers prior to video inspection as directed by the Engineer. All costs associated with the need to reinspect will be at no cost to the contract.

The Contractor is responsible for damage to the existing storm sewers caused by their operation. Costs to repair damage caused by the Contractor's operations, as identified by the Engineer during creation of the DVD(s) and log(s), will be at no cost to the contract.

**b. Materials.** None specified.

**c. Video Inspection.** The Contractor will provide traffic control in accordance with section 812 of the Standard Specifications for Construction.

Conduct video inspection in accordance with subsection 402.03.J of the Standard Specifications for Construction and as described herein. Ensure work is completed at a time approved by the Engineer to coincide with low flow rate periods prior to starting work. Provide the Engineer a minimum notice of at least 3 work days prior to starting work. Obtain approval from the Engineer for pumping, bypassing, and other methods of flow control prior to starting work.

Use video equipment specifically designed for sewer inspection and recording. Ensure video equipment is capable of pan, tilt, and zoom to provide all-around views of storm sewers, and produces high-quality, color recordings in DVD format with date/time stamp and digital annotation capabilities.

Inspect and record storm sewers, in either direction, at a rate not exceeding 30-feet per minute. Stopping may be necessary to properly document the storm sewer's condition. Winches, cable, rewind, and other devices must not obstruct the view or interfere with proper documentation. If the video equipment will not pass through an entire section in one direction, the Contractor must set up the equipment to enter from the opposite direction. If the video equipment fails to pass through from the opposite direction, the inspection may be considered complete at the discretion of the Engineer.

Ensure the video recording displays the date (month, day, and year) and the time (hours, minutes, and seconds). Ensure this information is displayed in upper left-hand corner of the frame. Ensure total storm sewer length, storm sewer size, and locations of sewer defects is displayed on the

upper right-hand corner of the frame.

**d. Measurement and Payment.** The completed work, as described, will be measured as a lump sum and paid for at the contract price using the following pay item:

<b>Pay Item</b>	<b>Pay Unit</b>
Video Inspection of Storm Sewers .....	Lump Sum

# ATTACHMENT A

P.O.B. Sta 196+28.58  
 Also P.O.B. of Old Project  
 Sta 183+52.50 (File L-75-A-2)  
 Pipe in Box in Intersection  
 of M-55 & U.S.-27

BM #1 Elev. 1146.611  
 NE Cor. of NE Window Wall  
 of State Police Post 163' E of  
 of Sta. 183+64

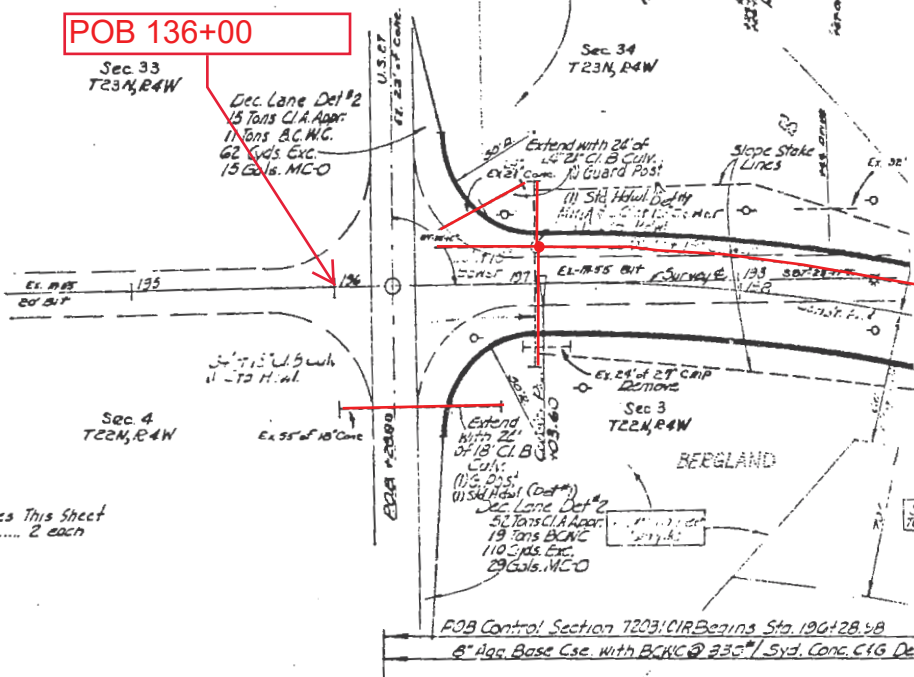
Sec. Cor. Continues to  
 Secs. 33, 34, T23N, R4W  
 & Secs. 3, 4, T22N, R4W



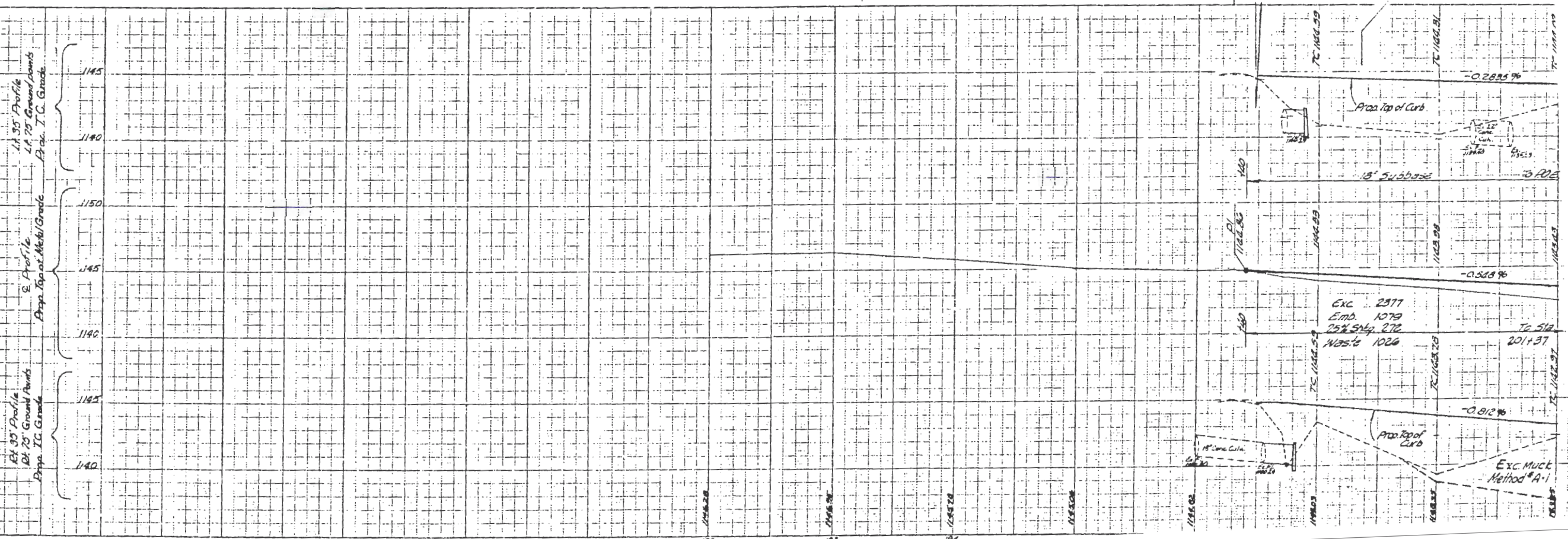
NO. 1	DATE	BY	REVISION
1	11-22-57	H. Finger	Original
2	1-15-58	H. Finger	As Shown
3	3-20-58	H. Finger	As Shown
4	5-1-58	H. Finger	As Shown
5	7-26-58	H. Finger	As Shown
6	9-1-58	H. Finger	As Shown
7	11-1-58	H. Finger	As Shown

OPERATION	DATE
PRELIMINARY D.W. CHECKED	11-22-57
FINAL D.W. CHECKED	1-15-58
TRACED	3-20-58
AS BUILT	5-1-58
AS BUILT	7-26-58
AS BUILT	9-1-58
AS BUILT	11-1-58

UTILITIES	
Consolidated Power Co.	Power
Michigan Bell	Telephone
Michigan Bell	Telephone
Michigan Bell	Telephone



Removing Trees This Street  
 8"-12" Dia. 2 each



OPERATION	DATE
PRELIMINARY D.W. CHECKED	11-22-57
FINAL D.W. CHECKED	1-15-58
TRACED	3-20-58
AS BUILT	5-1-58
AS BUILT	7-26-58
AS BUILT	9-1-58
AS BUILT	11-1-58

1145 Profile  
 1140 Profile  
 1150 Profile  
 1145 Profile  
 1140 Profile

State Ave

Witnesses to PI  
Sta. 201+55.12  
S 32° 18' 20" - 14" Willow  
71° E - 31.62' - Power Pole  
S 41° 15' 31" - Tel. Pole

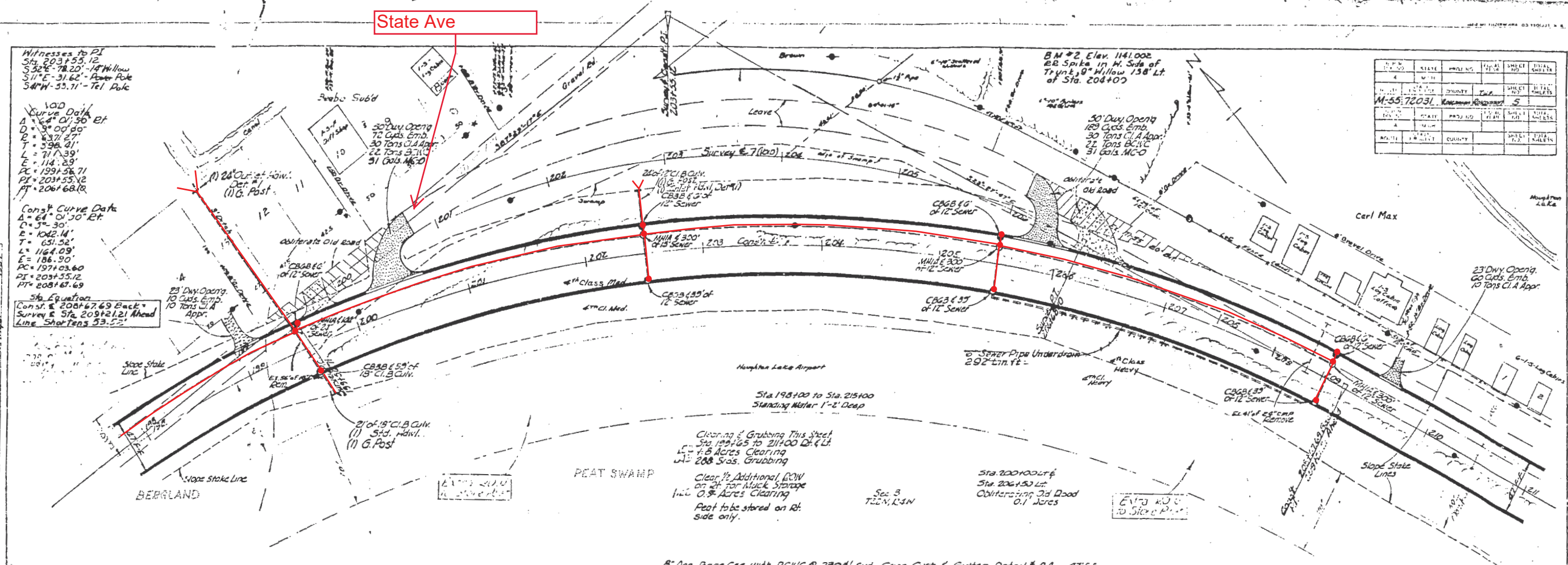
100' Curve Data  
A = 64° 01' 30" Pt  
D = 100.00 ft  
T = 33.71 ft  
L = 39.41 ft  
E = 114.23 ft  
PC = 199+56.71  
PI = 201+55.12  
PT = 203+53.52

Const. Curve Data  
A = 64° 01' 30" Pt  
D = 100.00 ft  
T = 33.71 ft  
L = 39.41 ft  
E = 114.23 ft  
PC = 199+56.71  
PI = 201+55.12  
PT = 203+53.52

Sta. Equation  
Const. = 200+67.69 Back  
Survey = Sta. 209+21.21 Ahead  
Line Shortens 53.52'

NO.	DATE	BY	REVISION
1	1957	H. B. DOWNEY	PRELIMINARY
2	1957	H. B. DOWNEY	REVISED
3	1957	H. B. DOWNEY	REVISED
4	1957	H. B. DOWNEY	REVISED
5	1957	H. B. DOWNEY	REVISED

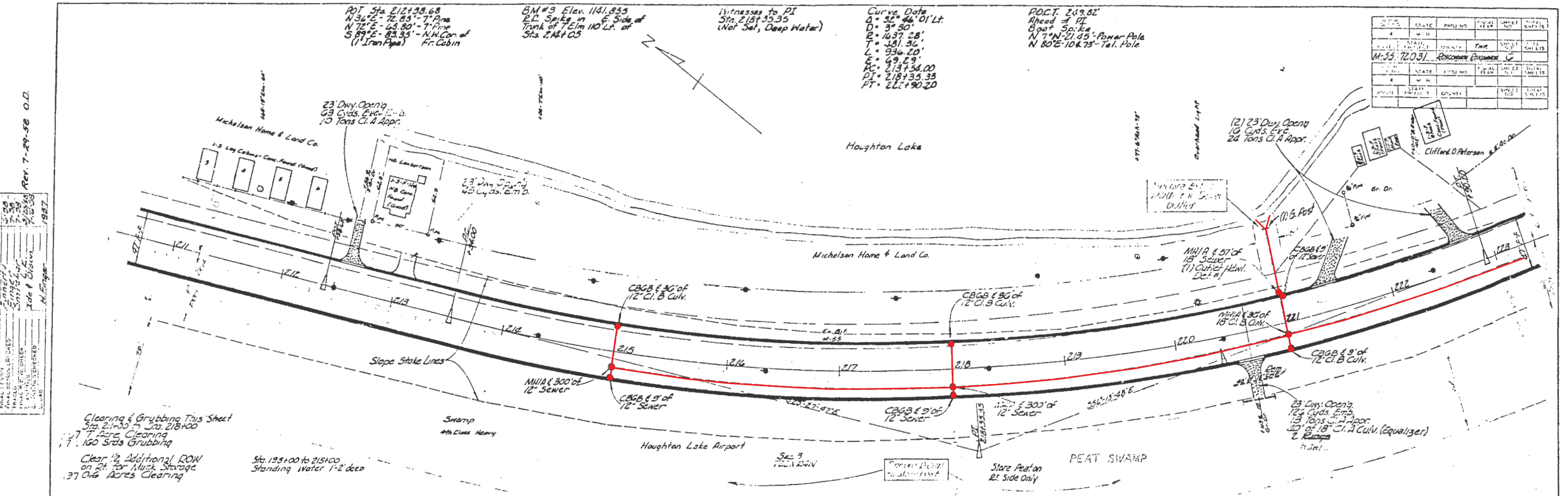
NO.	DATE	BY	REVISION
1	1957	H. B. DOWNEY	PRELIMINARY
2	1957	H. B. DOWNEY	REVISED
3	1957	H. B. DOWNEY	REVISED
4	1957	H. B. DOWNEY	REVISED
5	1957	H. B. DOWNEY	REVISED



8" Agg. Base Cse. with BCNC @ 330' Sub. Conv. Curb & Gutter Detail \* BA ATFF



Sta. 200+00 to Sta. 228+00  
Note: Sand Gravel Material for Swamp Backfill (Not in Mass Diagram)  
Borrow 25,730 CYDS  
\* BOTTOM CHAIN 54,871 Comp. Cyl. Mts.



Clearing & Grubbing This Sheet  
 Sta. 212+00 to Sta. 218+00  
 17 1/2 Acres Clearing  
 7 1/2 Acres Grubbing  
 Clear 1/2 Additional ROW  
 on Rt. for Muck Storage  
 37 0/10 Acres Clearing

Sta. 199+00 to 215+00  
 Standing Water 1-2' deep

8" App. Base Cse. with Bit. Conc. Clearing Cse. @ 330#/Syd. Conc. Curb & Gutter Det. #8A 47' F-F

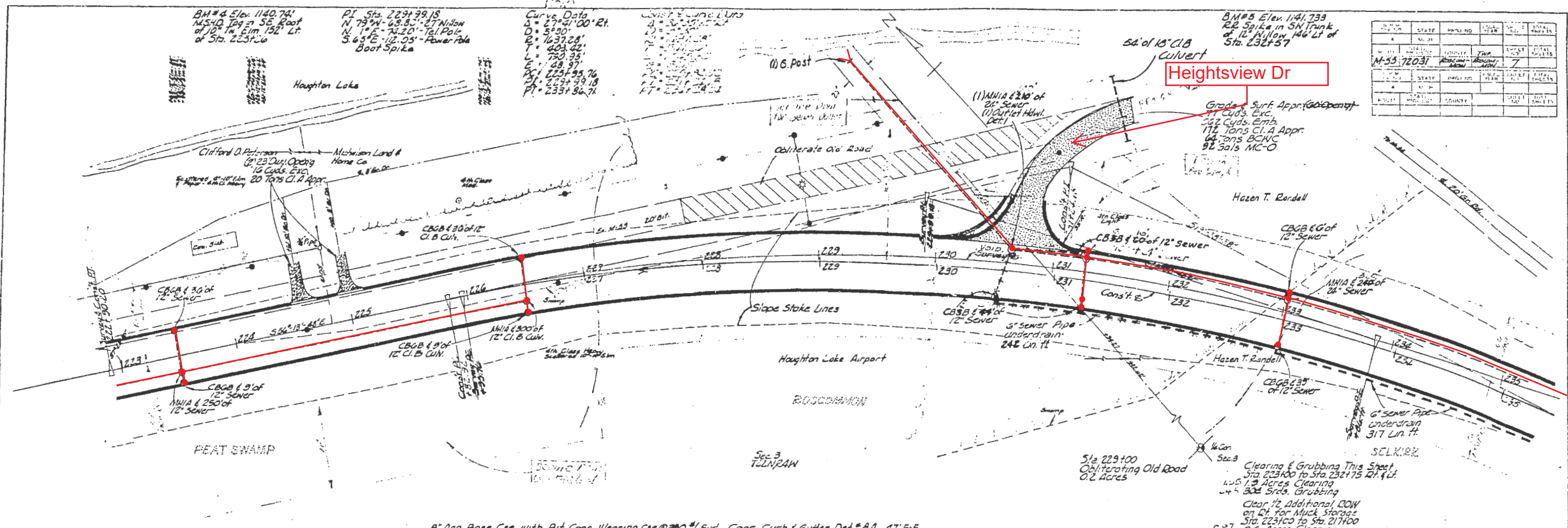


DATE  
 1957  
 H. Singer

N.E. Dawney  
 J. E. Wilson  
 G. J. Gilman  
 R. W. Gilman  
 B. R. Bergh



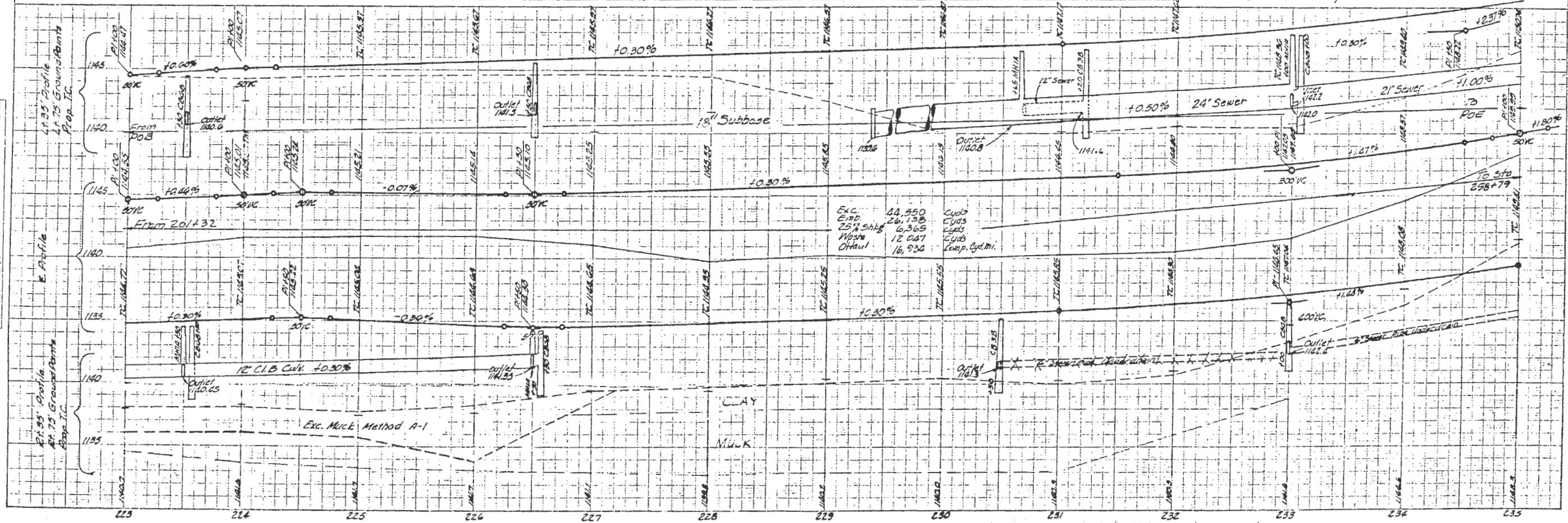
NO.	DATE	BY	REVISION
1	7-27-57	M. FINGER	PRELIMINARY
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3	8-1-57	M. FINGER	REVISED
4	8-1-57	M. FINGER	REVISED
5	8-1-57	M. FINGER	REVISED
6	8-1-57	M. FINGER	REVISED
7	8-1-57	M. FINGER	REVISED



8" Agg. Base Cse. with Bit Conc. Wearing Cse. @ 200#/Syd. Conc. Curb & Gutter Det. # 8A AT F-F

DATE: 8-1-57  
 BY: M. FINGER  
 CHECKED: M. FINGER  
 PROJECT: Sewer Line  
 SHEET: 72031-3  
 SCALE: 1" = 40' (PLAN)  
 1" = 20' (PROFILE)  
 REVISIONS: 1-8-57, 2-8-57, 3-8-57, 4-8-57, 5-8-57, 6-8-57, 7-8-57, 8-1-57

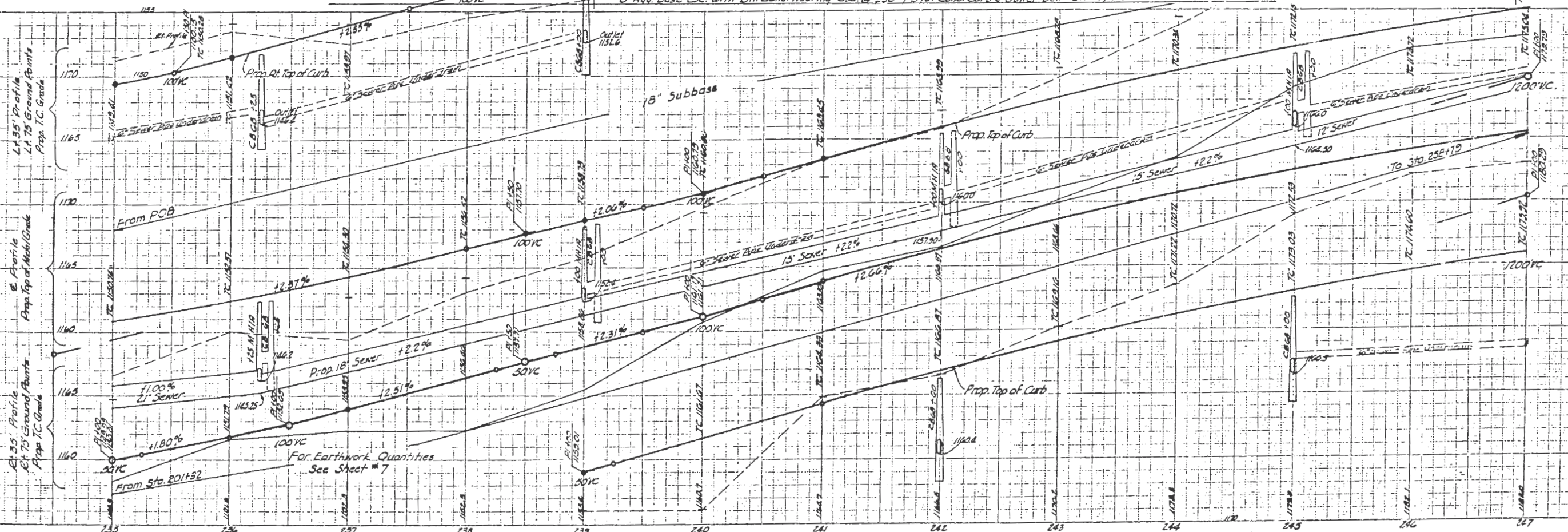
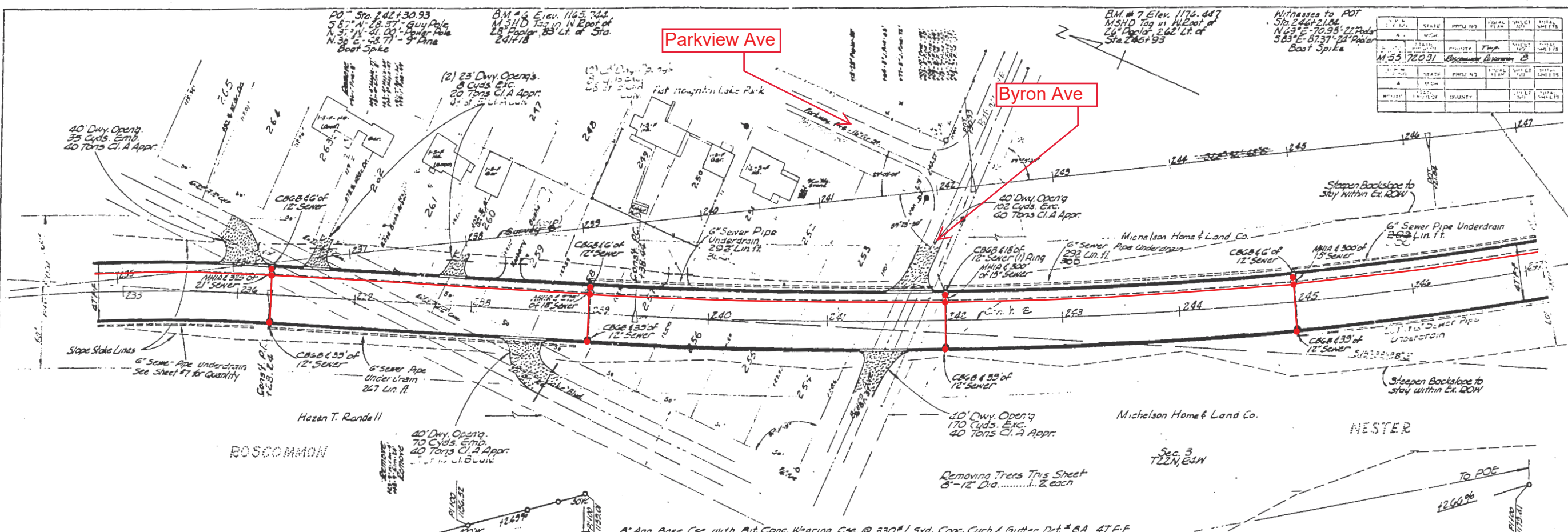
DATE: 8-1-57  
 BY: M. FINGER  
 CHECKED: M. FINGER  
 PROJECT: Sewer Line  
 SHEET: 72031-3  
 SCALE: 1" = 40' (PLAN)  
 1" = 20' (PROFILE)  
 REVISIONS: 1-8-57, 2-8-57, 3-8-57, 4-8-57, 5-8-57, 6-8-57, 7-8-57, 8-1-57



DATE	1957
BY	H. Finger
CHECKED	I. F. O'Neil
APPROVED	
DESIGNED	
PLANNED	
ESTIMATED	
CONTRACT NO.	
PROJECT	
SECTION	
SHEET NO.	
TOTAL SHEETS	

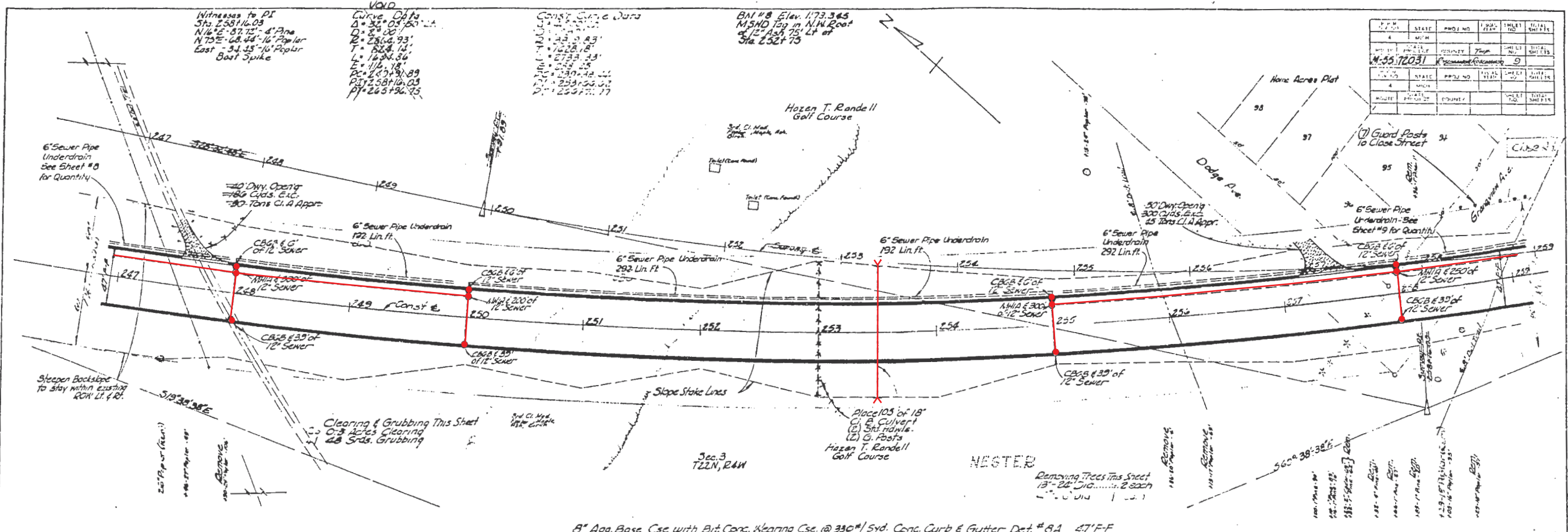
DATE	1957
BY	H. Finger
CHECKED	I. F. O'Neil
APPROVED	
DESIGNED	
PLANNED	
ESTIMATED	
CONTRACT NO.	
PROJECT	
SECTION	
SHEET NO.	
TOTAL SHEETS	

NO.	STATE	PROJ. NO.	FINAL YEAR	SHEET NO.	TOTAL SHEETS
M-35	72031			5	
MICHIGAN DEPARTMENT OF HIGHWAYS					
DIVISION OF HIGHWAY CONSTRUCTION					
MICHIGAN DEPARTMENT OF HIGHWAYS					
DIVISION OF HIGHWAY CONSTRUCTION					



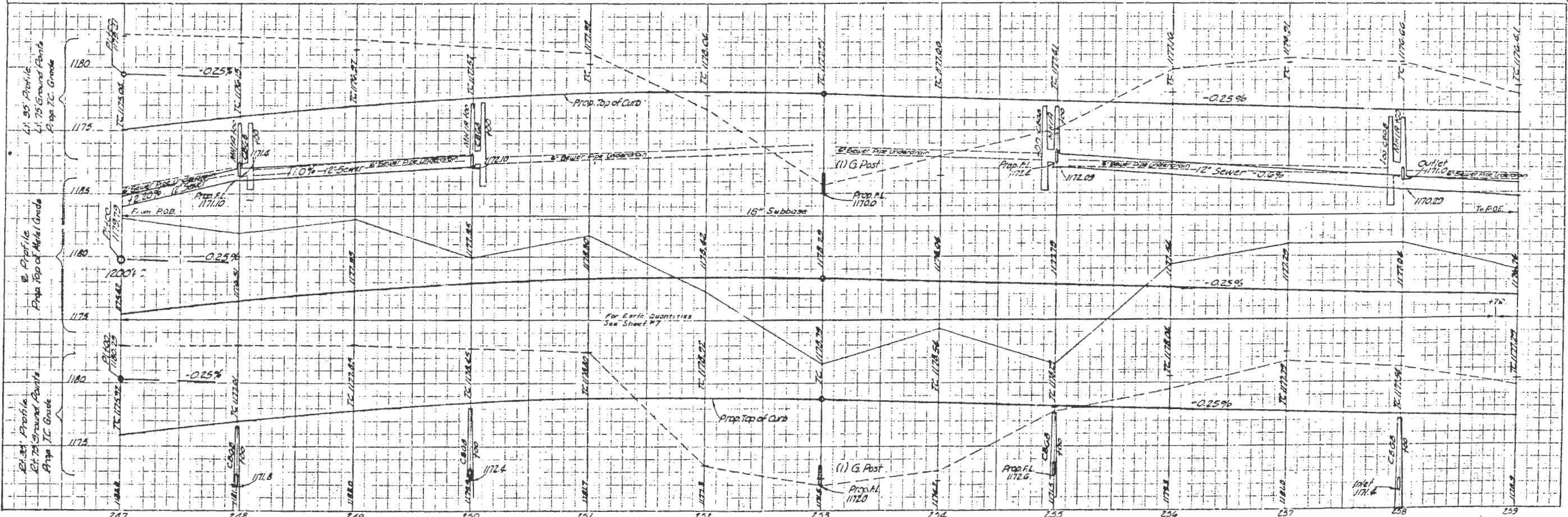
NO.	DATE	BY	REVISION
1	7-16-58	H. Engler	Issue for Construction
2	7-16-58	H. Engler	Issue for Construction
3	7-16-58	H. Engler	Issue for Construction
4	7-16-58	H. Engler	Issue for Construction

NO.	DATE	BY	REVISION
1	7-16-58	H. Engler	Issue for Construction
2	7-16-58	H. Engler	Issue for Construction
3	7-16-58	H. Engler	Issue for Construction
4	7-16-58	H. Engler	Issue for Construction



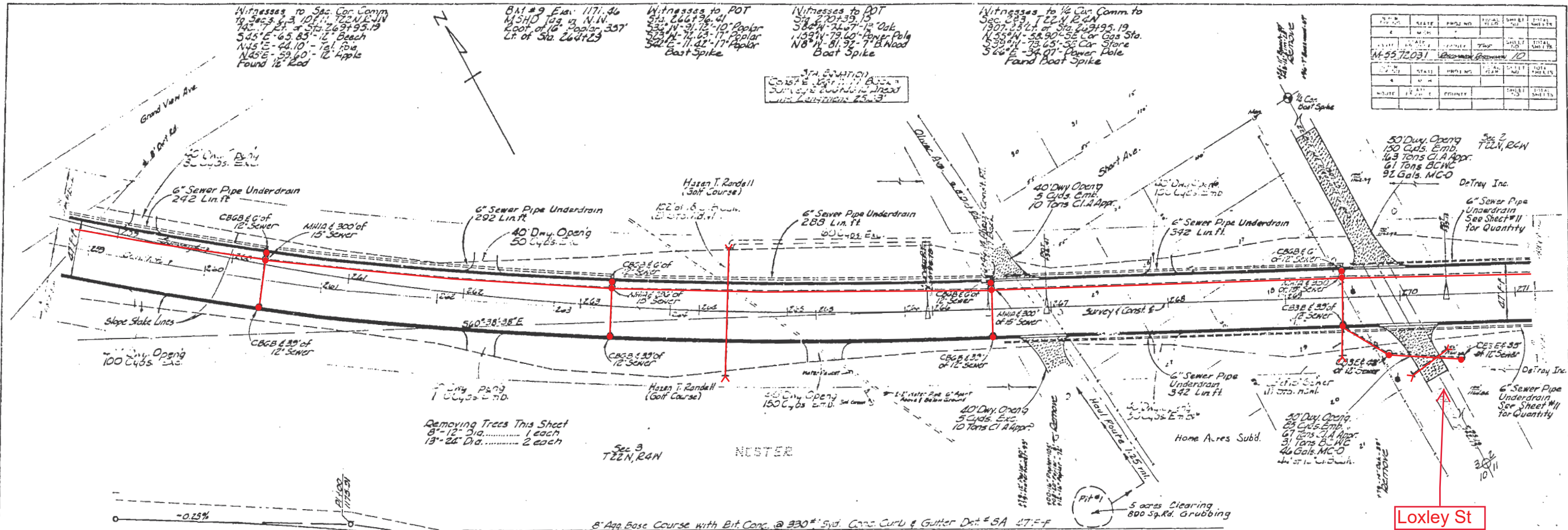
8" Agg. Base Cse with Brit. Conc. Keating Cse. @ 390#/Syd. Conc. Curb & Gutter Det. # 8A 47' F-F

NO.	DATE	BY	REVISION
1	7-16-58	H. Engler	Issue for Construction
2	7-16-58	H. Engler	Issue for Construction
3	7-16-58	H. Engler	Issue for Construction
4	7-16-58	H. Engler	Issue for Construction

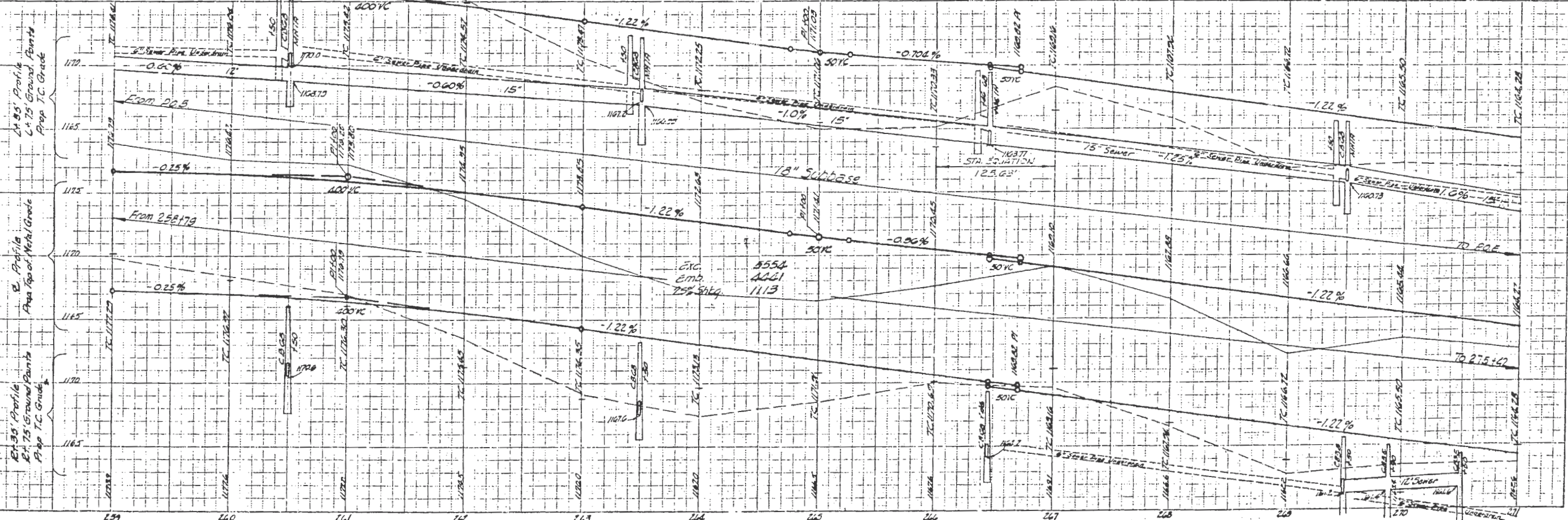


DATE	4-28-58
DESIGNED BY	W. J. Dwyer
DRAWN BY	W. J. Dwyer
CHECKED BY	W. J. Dwyer
IN CHARGE	W. J. Dwyer
PROJECT	Ida F. Olson
SCALE	1" = 40'
PROJECT NO.	100-110-11
SHEET NO.	10
TOTAL SHEETS	10

NO.	DATE	DESCRIPTION	BY	CHECKED
1	4-28-58	PRELIMINARY	W. J. Dwyer	
2	5-15-58	REVISED	W. J. Dwyer	
3	6-10-58	REVISED	W. J. Dwyer	
4	7-10-58	REVISED	W. J. Dwyer	
5	8-10-58	REVISED	W. J. Dwyer	
6	9-10-58	REVISED	W. J. Dwyer	
7	10-10-58	REVISED	W. J. Dwyer	
8	11-10-58	REVISED	W. J. Dwyer	
9	12-10-58	REVISED	W. J. Dwyer	
10	1-10-59	REVISED	W. J. Dwyer	



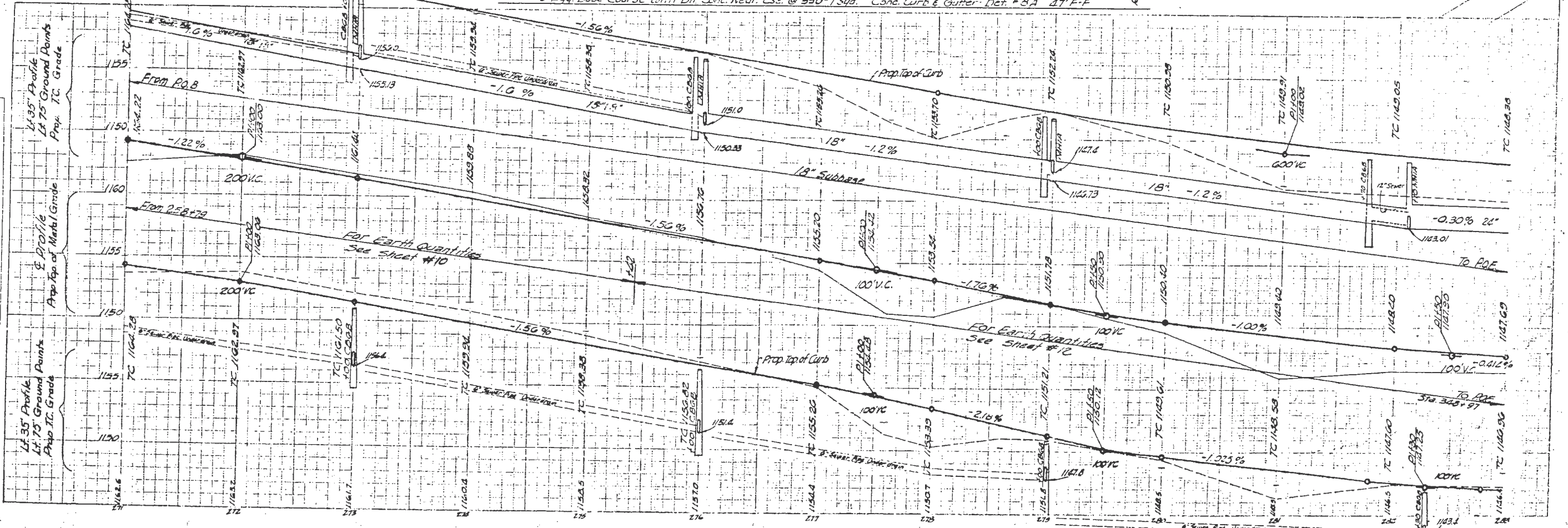
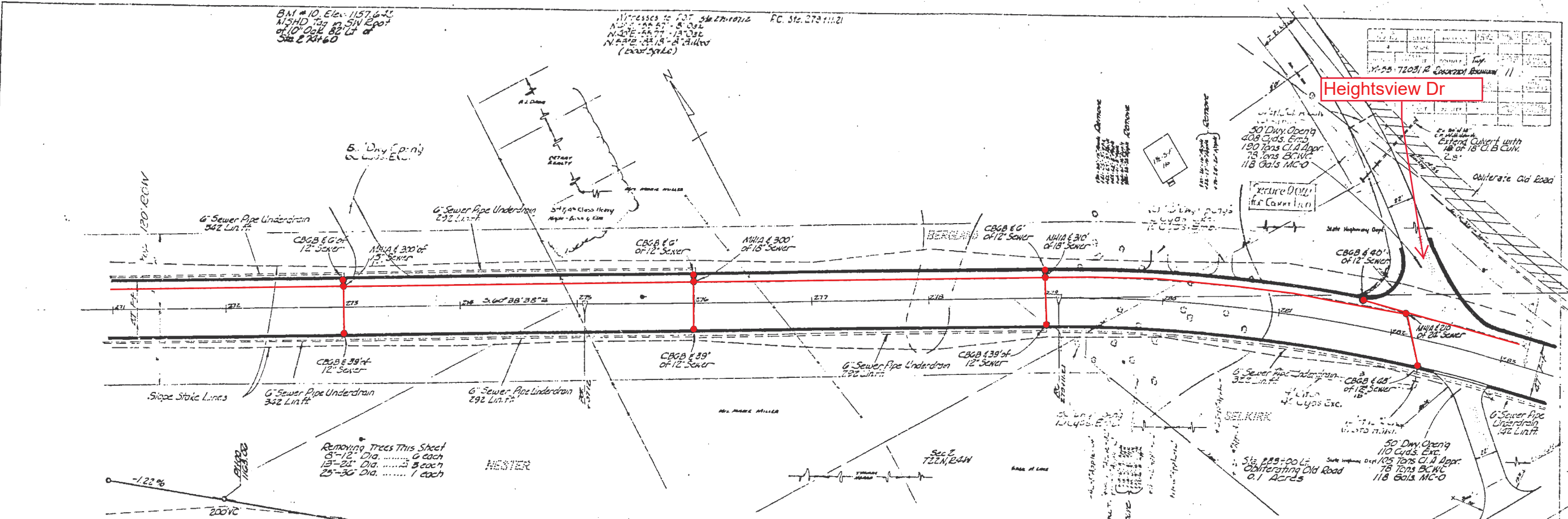
DATE	4-28-58
DESIGNED BY	W. J. Dwyer
DRAWN BY	W. J. Dwyer
CHECKED BY	W. J. Dwyer
IN CHARGE	W. J. Dwyer
PROJECT	Ida F. Olson
SCALE	1" = 40'
PROJECT NO.	100-110-11
SHEET NO.	10
TOTAL SHEETS	10



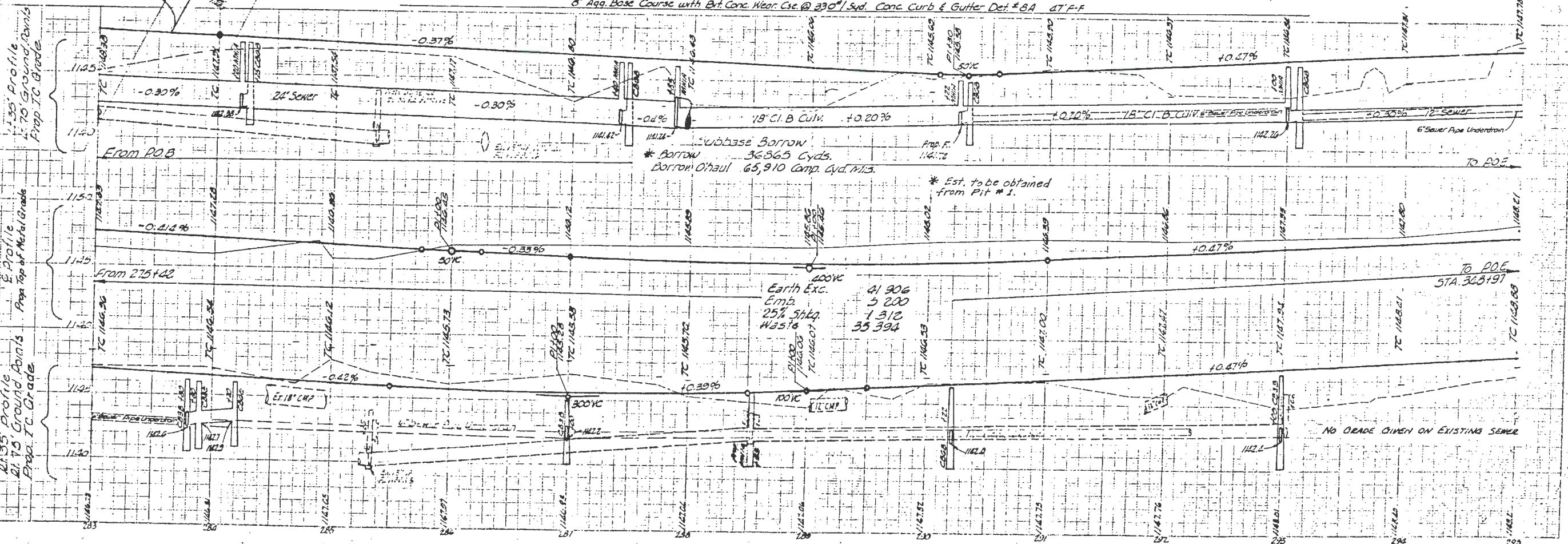
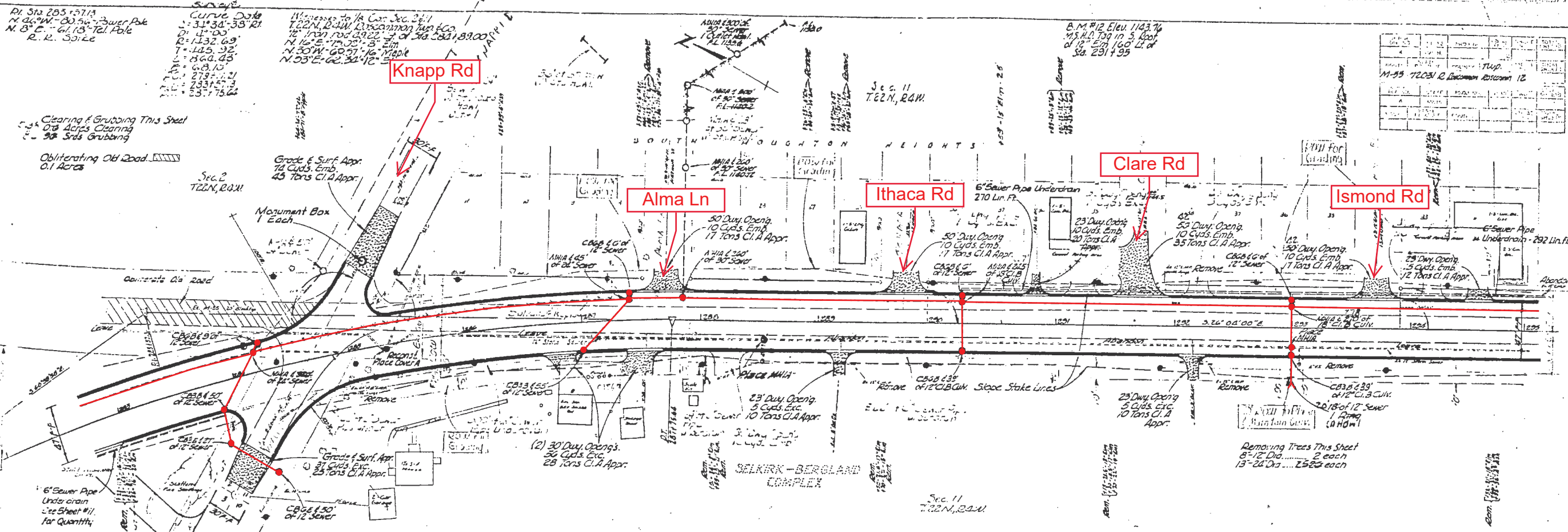
Rev. 7-29-58 O.D.

OPERATION	DATE
PREPARED BY	W. POWERS
DRAWN BY	H. FINNER
CHECKED BY	H. FINNER
APPROVED BY	H. FINNER
DATE	1957

DATE	1957
BY	W. POWERS
CHECKED BY	H. FINNER
APPROVED BY	H. FINNER
DATE	1957



Heightsview Dr



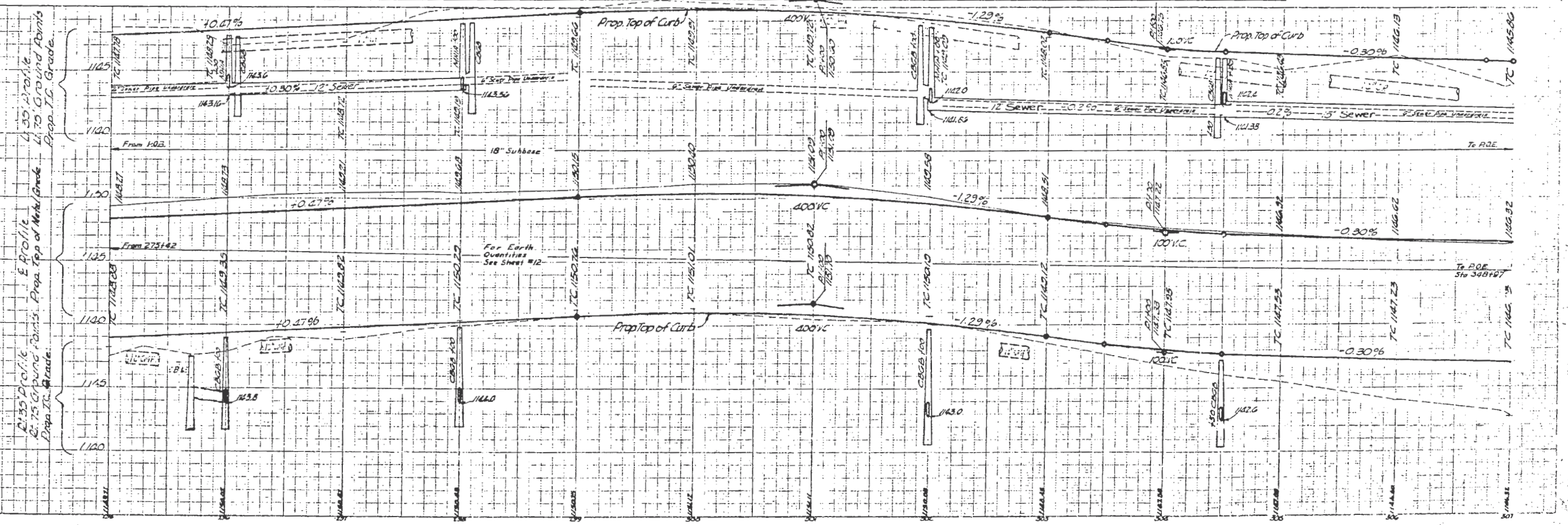
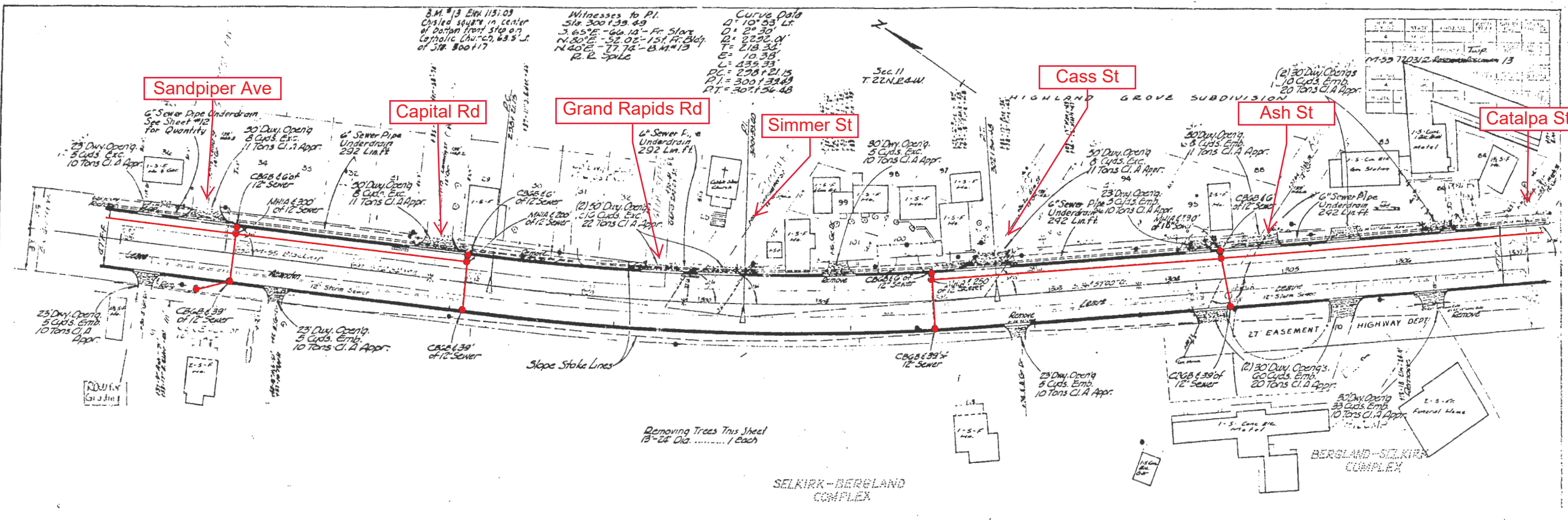
PREPARED BY: [Name]  
 CHECKED BY: [Name]  
 DATE: [Date]  
 SCALE: [Scale]

SURVEYED BY: [Name]  
 CHECKED BY: [Name]  
 DATE: [Date]  
 SCALE: [Scale]

REV. 7-29-58 O.L.

DATE	12-21-57
BY	J. W. HICK
CHECKED BY	J. W. HICK
APPROVED BY	J. W. HICK
SCALE	1" = 40'
PROJECT	Highland Grove Subdivision
SHEET NO.	13

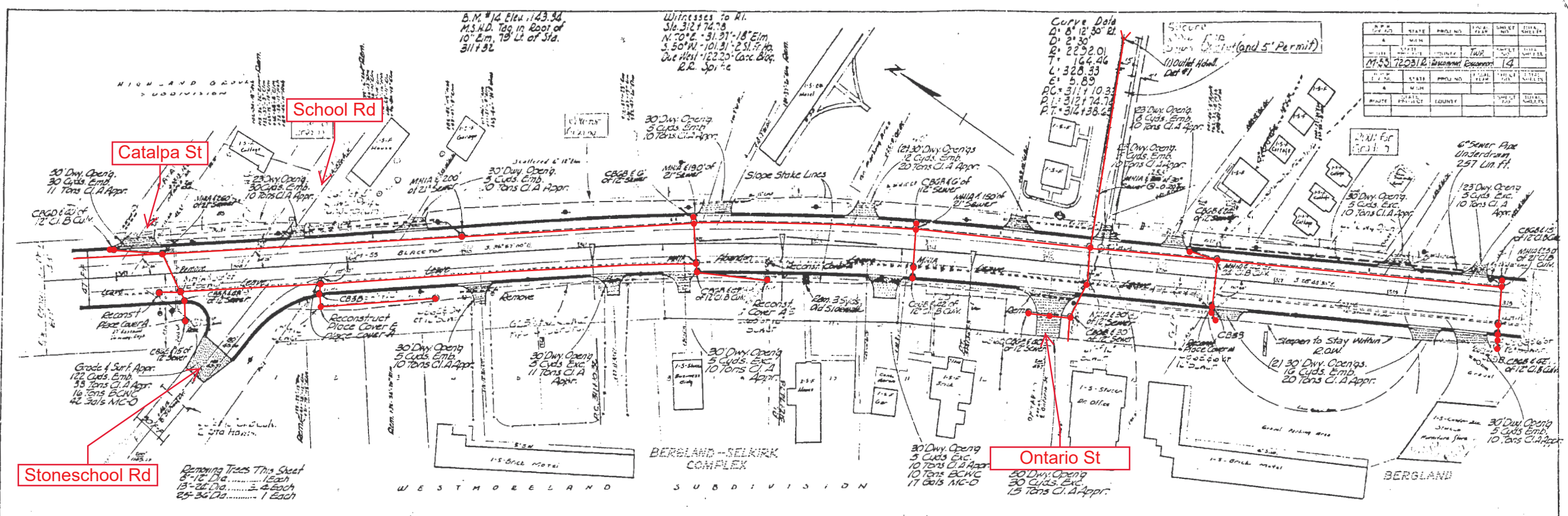
DATE	7-29-58
BY	J. W. HICK
CHECKED BY	J. W. HICK
APPROVED BY	J. W. HICK
SCALE	1" = 40'
PROJECT	Highland Grove Subdivision
SHEET NO.	13



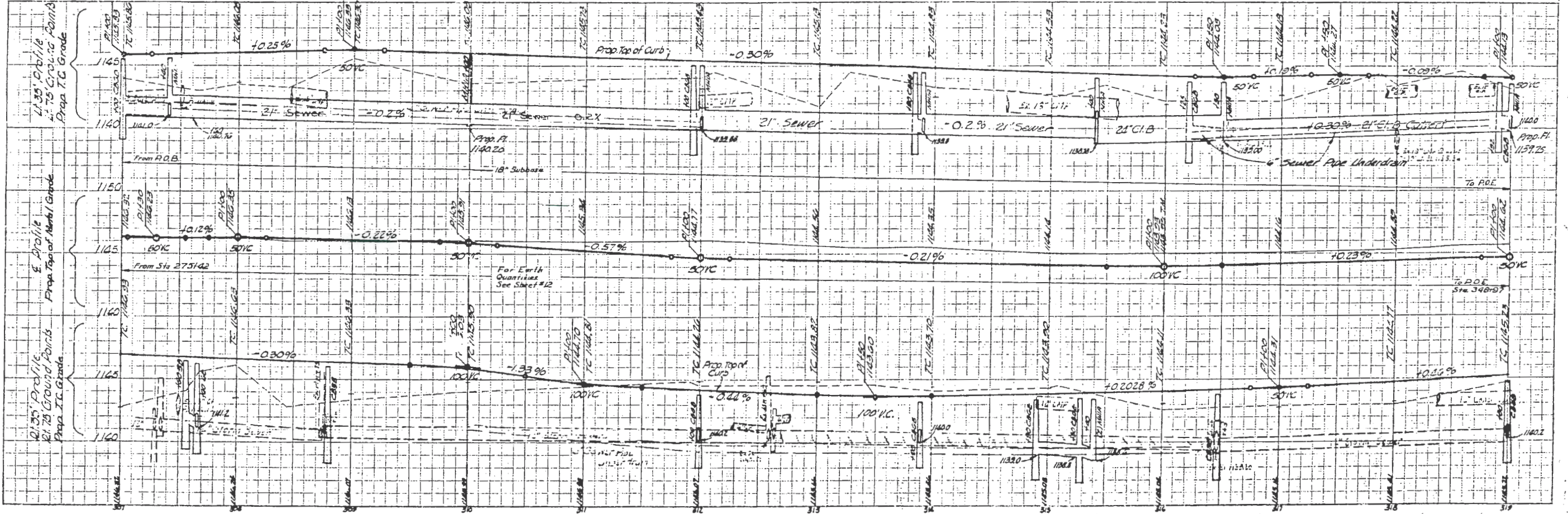
NO.	DATE	BY	REVISION
1	7-20-25	J.M.B.	ISSUED FOR PERMIT
2	8-10-25	J.M.B.	REVISED

REV. 7-20-25 O.O.  
REV. 8-10-25 J.M.B.

PROJECT: HIGHWAY  
SHEET: 14  
DATE: 7-20-25



8" Aq. Base Course with Bit. Conc. Wearing Cse. @ 33% Sud. Conc. Curb & Gutter Det. @ 4A 47' F.F.



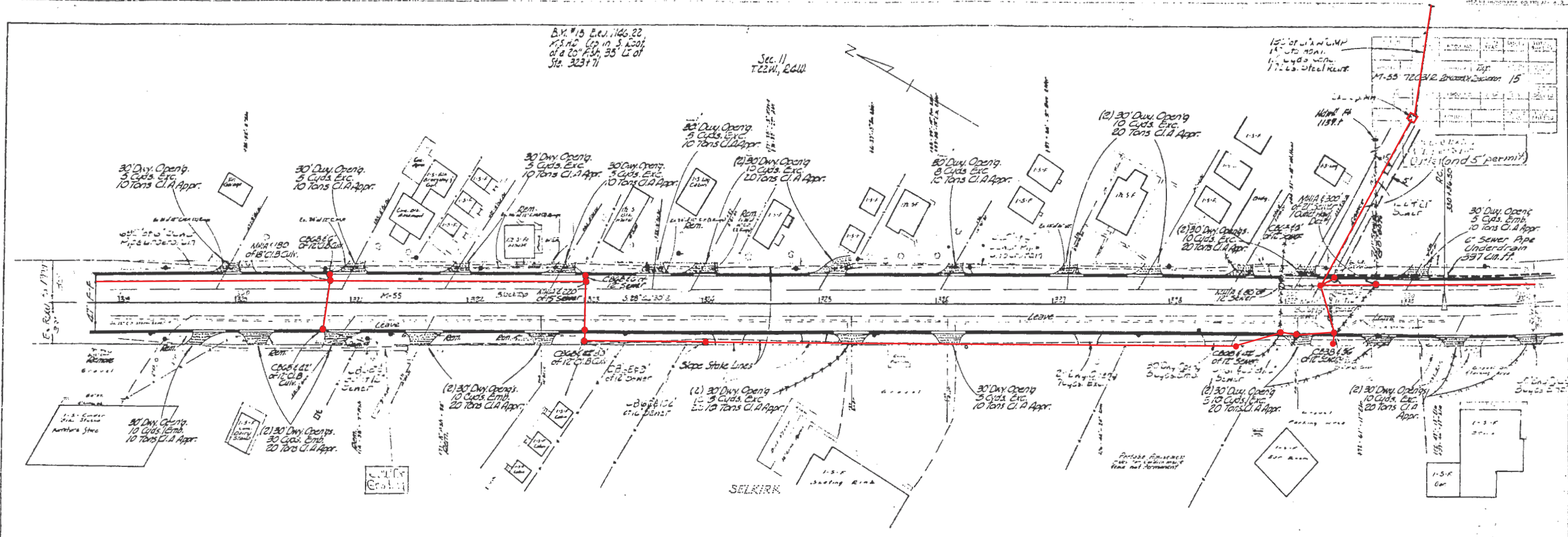
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NO. 2  
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NO. 5  
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NO. 7  
NO. 8  
NO. 9  
NO. 10  
NO. 11  
NO. 12  
NO. 13  
NO. 14  
NO. 15  
NO. 16  
NO. 17  
NO. 18  
NO. 19  
NO. 20



OPERATION BY DATE  
 PREPARED BY  
 CHECKED BY  
 APPROVED BY  
 TITLE  
 PROJECT NO.  
 SHEET NO.  
 TOTAL SHEETS

B.V. #15 E.R. 1146.22  
 1/3" = 1' L.P. in S. 200' of  
 a 20' P.S. 35' L.P. of  
 Sta. 323+71

Sec. 11  
 T23W, R64W

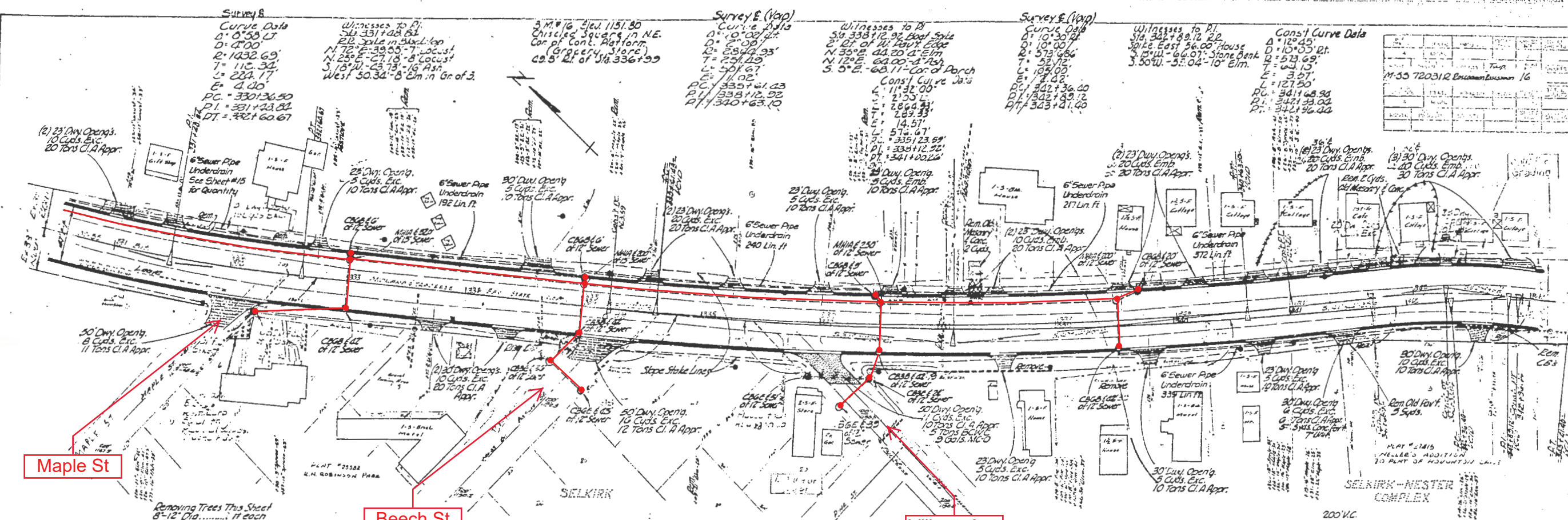


8" Agg Base Csg. with Bit Conc. Wearing Csg. @ 230' / Syd. Conc. Curb & Gutter Det. 8A 47' F-F

DATE  
 DRAWN BY  
 CHECKED BY  
 APPROVED BY  
 TITLE  
 PROJECT NO.  
 SHEET NO.  
 TOTAL SHEETS



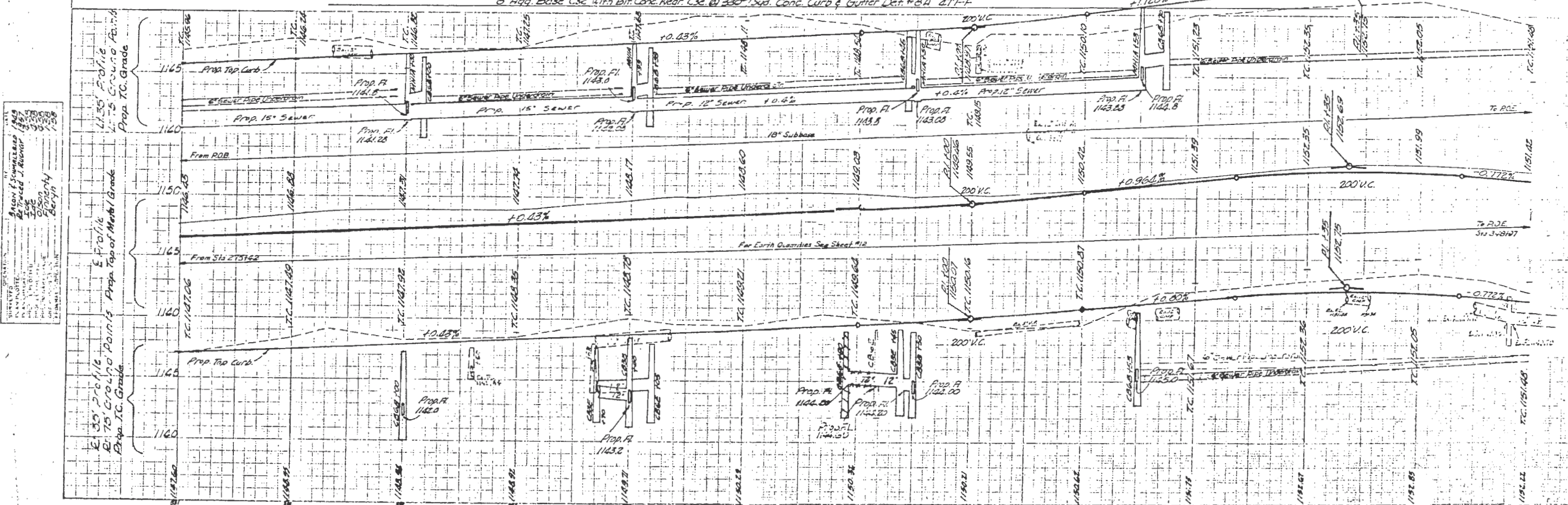
OPERATION BY DATE  
 PREPARED BY W. J. GIBSON  
 CHECKED BY J. J. GIBSON  
 DATE 7-29-58  
 PROJECT NO. 100-1000  
 SHEET NO. 100-1000-16  
 TITLE 100-1000-16  
 DRAWN BY J. J. GIBSON  
 DATE 7-29-58  
 CHECKED BY W. J. GIBSON  
 DATE 7-29-58  
 REVISIONS  
 1. Rev. 7-29-58 O.D.  
 2. Rev. 7-29-58 O.D.  
 3. Rev. 7-29-58 O.D.  
 4. Rev. 7-29-58 O.D.  
 5. Rev. 7-29-58 O.D.  
 6. Rev. 7-29-58 O.D.  
 7. Rev. 7-29-58 O.D.  
 8. Rev. 7-29-58 O.D.  
 9. Rev. 7-29-58 O.D.  
 10. Rev. 7-29-58 O.D.



Maple St

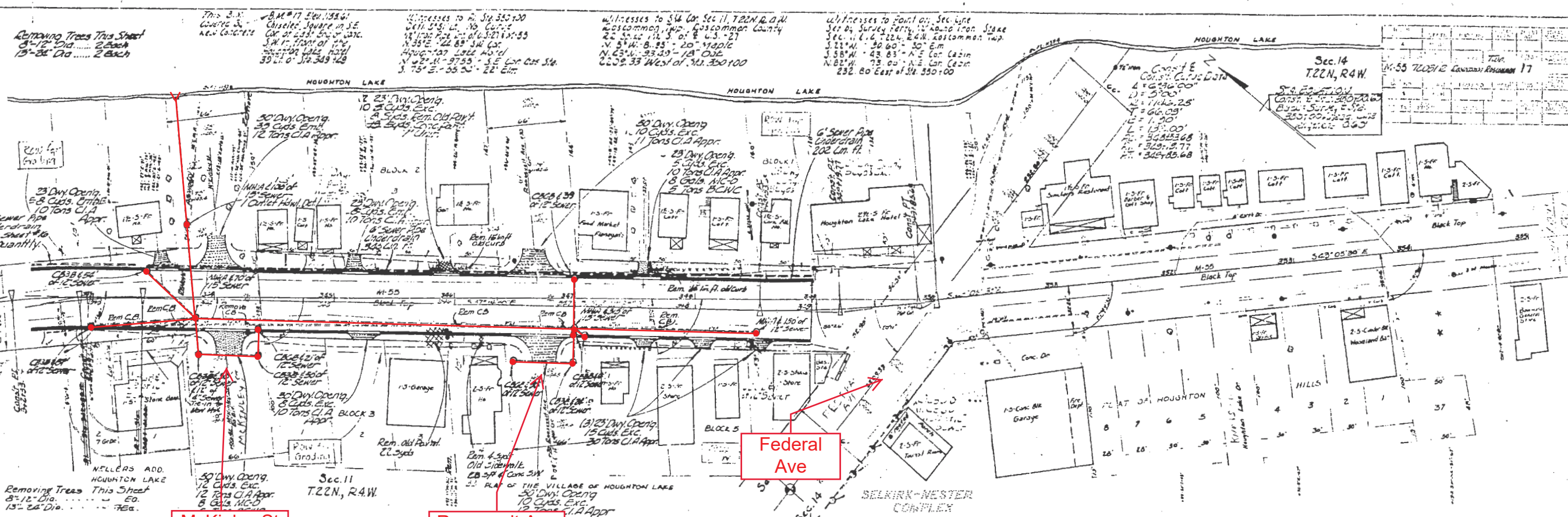
Beech St

Village Ave

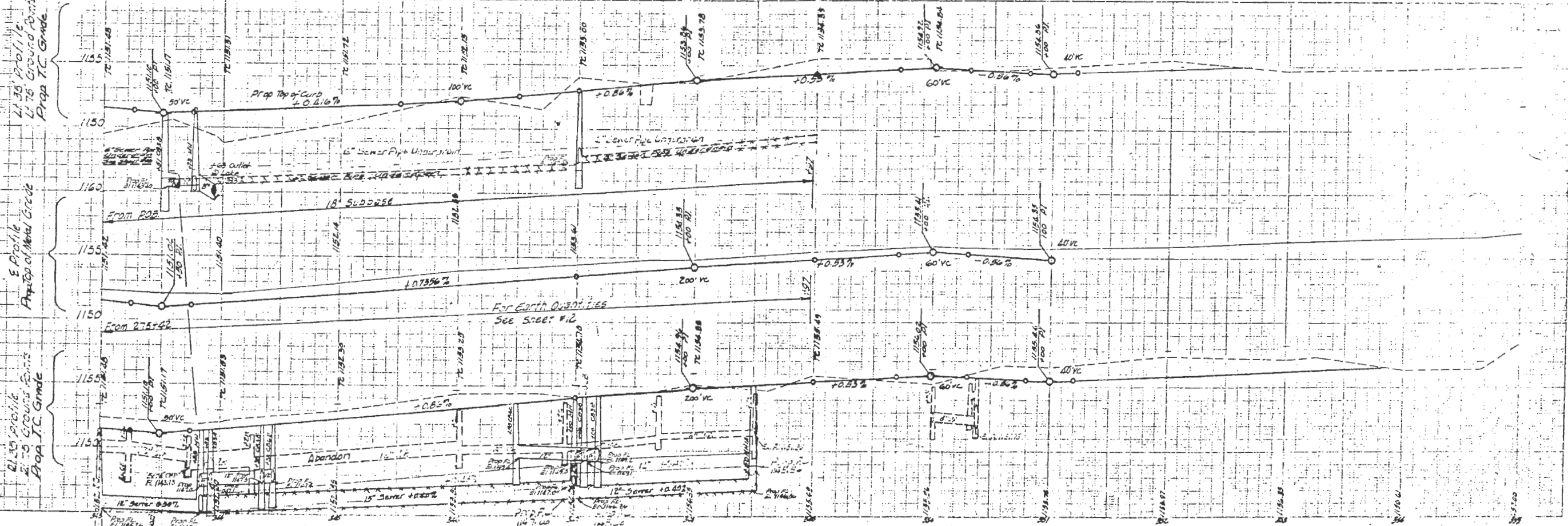


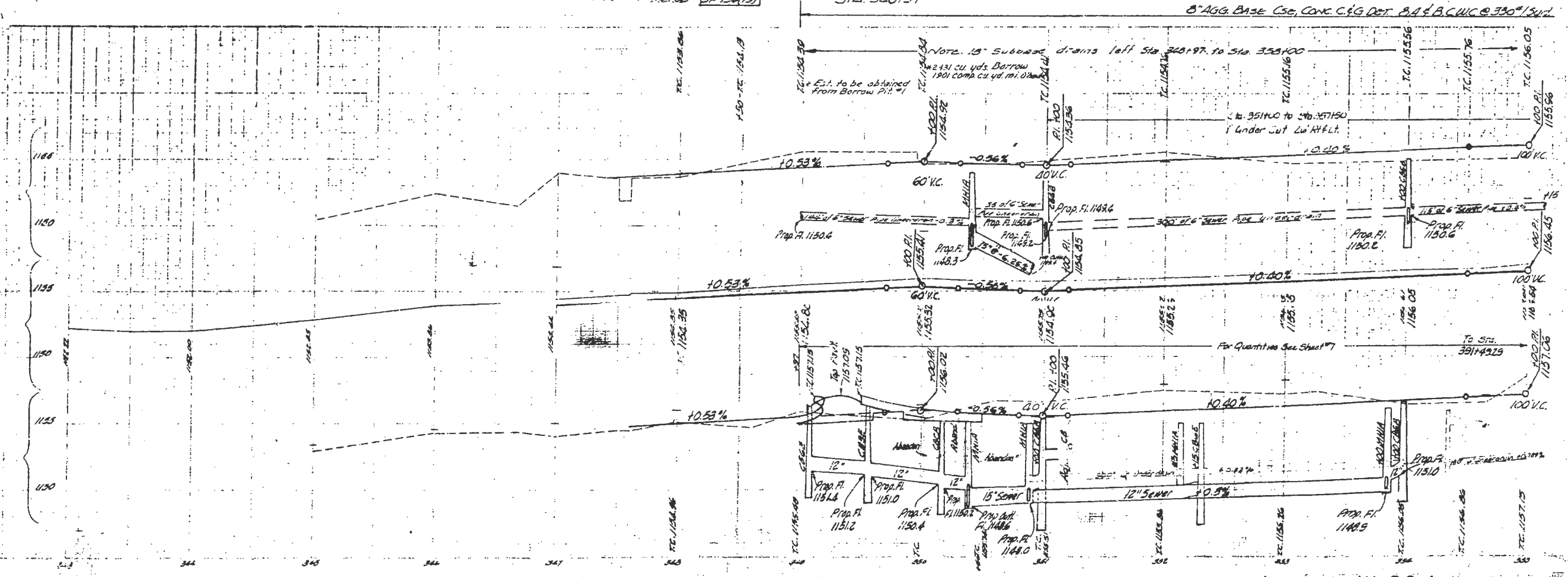
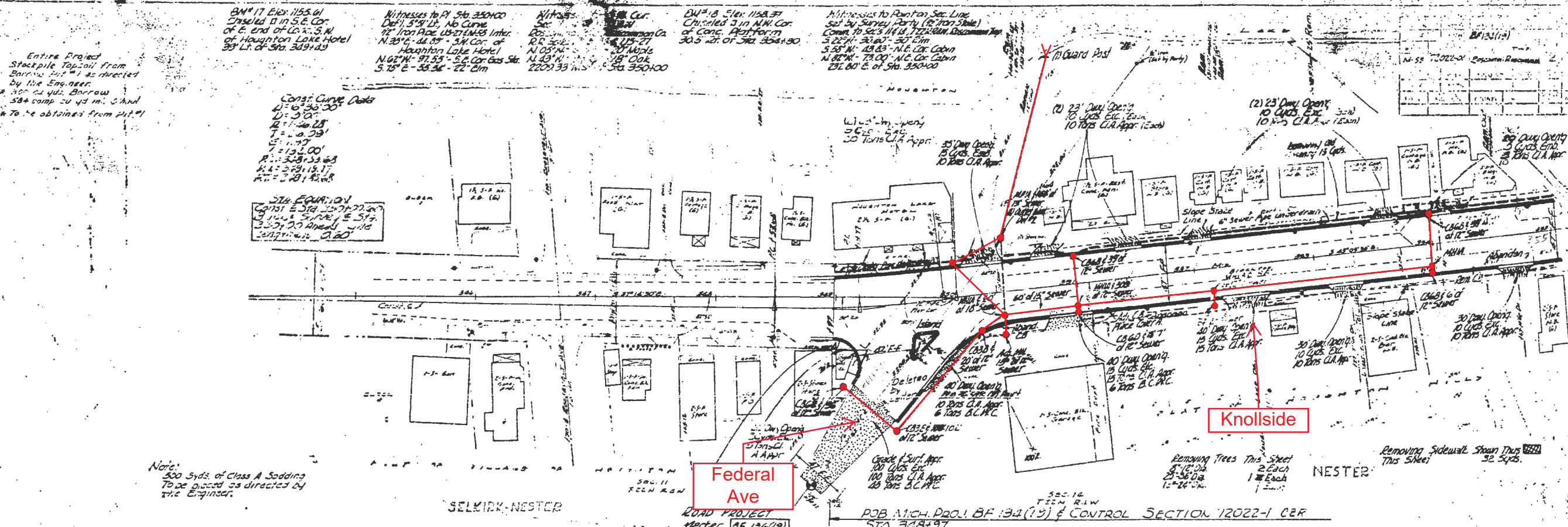
REV. 7-27-88 O.D.  
 PREPARED BY: W. GREENE  
 DATE: 7/27/88  
 PROJECT: Houghton Lake  
 SHEET: 100-55-17  
 BY: W. GREENE  
 CHECKED BY: J. C. MURPHY  
 SCALE: AS SHOWN  
 DRAWING NO. 100-55-17-3

DATE: 7/27/88  
 PROJECT: Houghton Lake  
 SHEET: 100-55-17  
 BY: W. GREENE  
 CHECKED BY: J. C. MURPHY  
 SCALE: AS SHOWN  
 DRAWING NO. 100-55-17-3



MCKINLEY ST  
 ROOSEVELT AVE  
 FEDERAL AVE  
 POE STATE PROJ. BM 72031 CIR STA. 318+97  
 ROB MICH. PROJ. DF 134(19) & CONTROL SECTION 72022-1 STA. 318+97





Entire Project Stackpile Top Soil from Borrow Pit #1 as directed by the Engineer.  
300 cu yds. Borrow 500 comp. cu yd. m. 0.14 mi.  
To be obtained from Pit #1

Entire Project Stackpile Top Soil from Borrow Pit #1 as directed by the Engineer.  
300 cu yds. Borrow 500 comp. cu yd. m. 0.14 mi.  
To be obtained from Pit #1

Prop. Top of Curb Grade

Prop. Top of Curb Grade

Prop. Top of Curb Grade

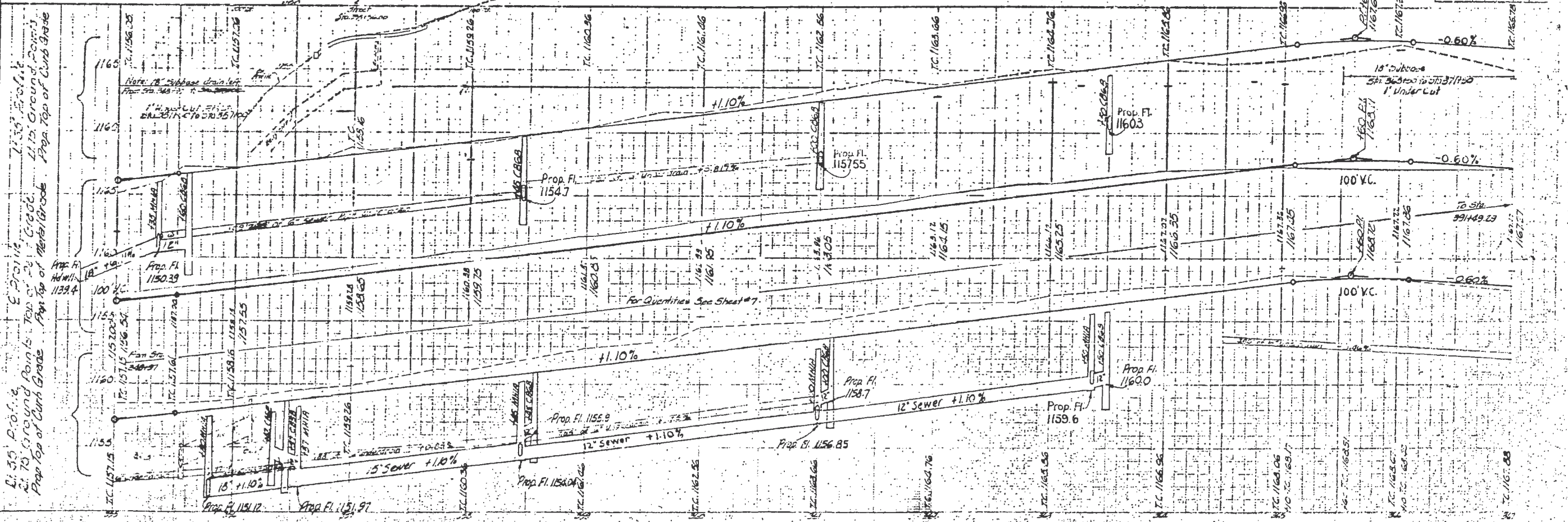
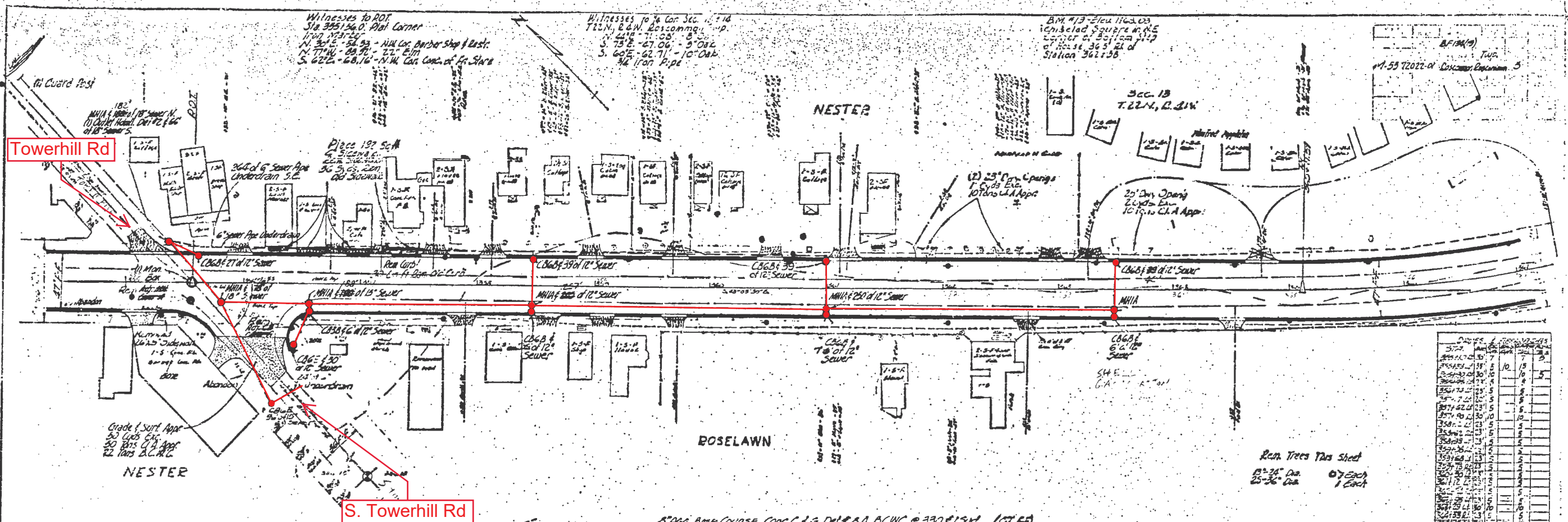
1160  
1150  
1155  
1150  
1150

Towerhill Rd

S. Towerhill Rd

REVISIONS

No.	Date	Description
1	10/1/57	As Shown
2	10/1/57	As Shown
3	10/1/57	As Shown
4	10/1/57	As Shown
5	10/1/57	As Shown
6	10/1/57	As Shown
7	10/1/57	As Shown
8	10/1/57	As Shown
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43	10/1/57	As Shown
44	10/1/57	As Shown
45	10/1/57	As Shown
46	10/1/57	As Shown
47	10/1/57	As Shown
48	10/1/57	As Shown
49	10/1/57	As Shown
50	10/1/57	As Shown



REVISIONS

No.	Date	Description
1	10/1/57	As Shown
2	10/1/57	As Shown
3	10/1/57	As Shown
4	10/1/57	As Shown
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42	10/1/57	As Shown
43	10/1/57	As Shown
44	10/1/57	As Shown
45	10/1/57	As Shown
46	10/1/57	As Shown
47	10/1/57	As Shown
48	10/1/57	As Shown
49	10/1/57	As Shown
50	10/1/57	As Shown

Curve Data  
 Δ 22° 32' Lt  
 D 7' 00"  
 B 116.28  
 T 228.36  
 L 450.67  
 E 22.52  
 PC 365.1197  
 PI 367.1033  
 PT 369.1264

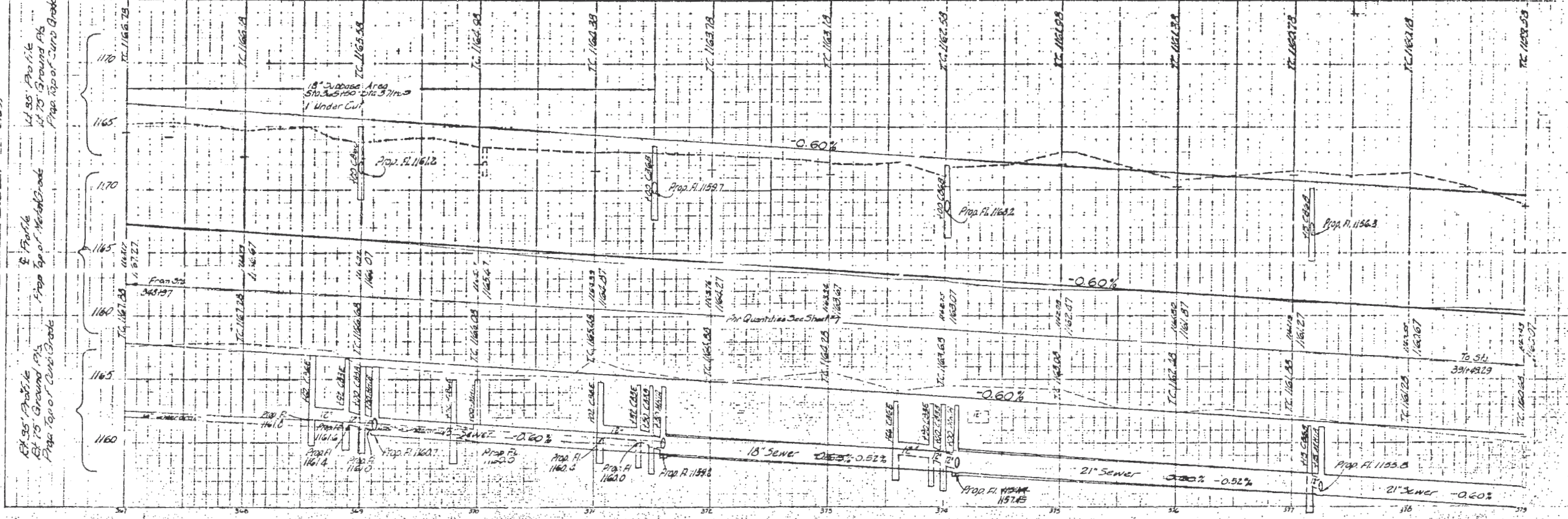
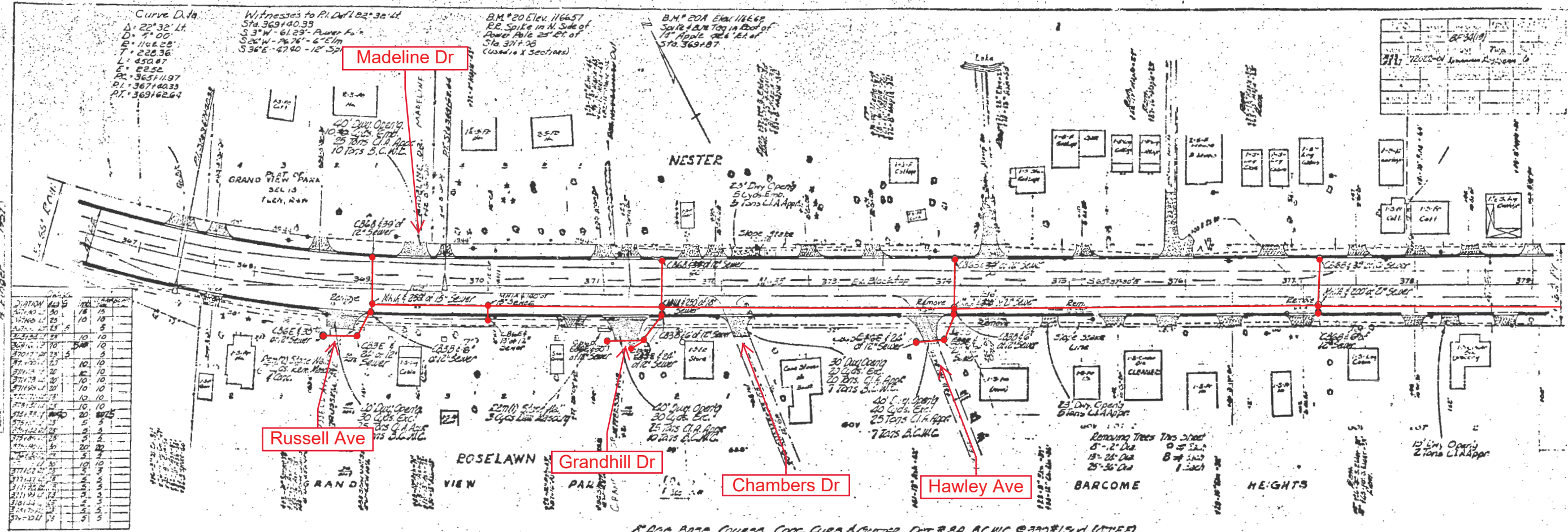
Witnesses to Pl. Dat 123° 32' Lt  
 Sta 369+40.33  
 S 3° W - 61.29' - Power Pole  
 S 26° W - 74.76' - 6" Elm  
 S 36° E - 47.40' - 12" Sp

BM # 20 Elev. 116.57  
 8" Spike in N. Side of  
 Power Pole 25' E of  
 Sta 371+28  
 (Used in X Sections)

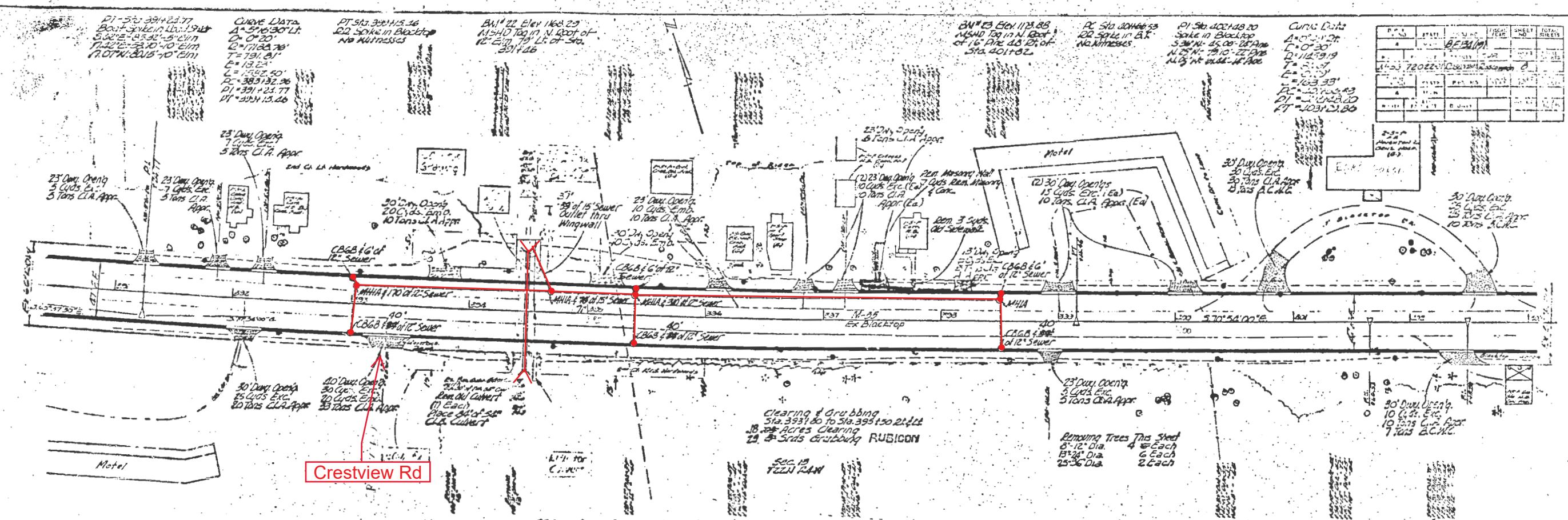
BM # 20A Elev. 116.69  
 Spike in E. Side of  
 Power Pole 25' E of  
 Sta 369+87

NO.	DATE	BY	REVISION
1	12-22-01	W. J. [unclear]	Initial
2	12-22-01	W. J. [unclear]	Revised

STATION	DATE	BY	REVISION
1	12-22-01	W. J. [unclear]	Initial
2	12-22-01	W. J. [unclear]	Revised







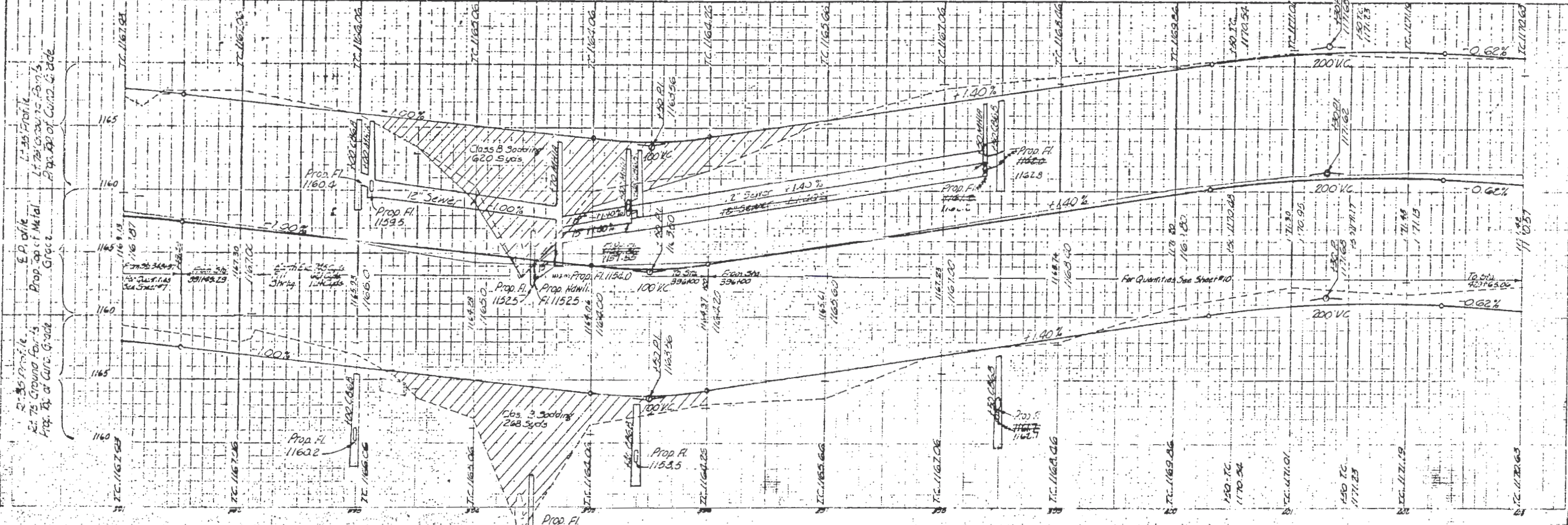
Crestview Rd

8" AGG. BASE COURSE, CONC. CURB & GUTTER DET. 0A, B.C.M.C. @ 230' ± 15' V.D.

NO.	DATE	BY	CHECKED	SHEET	TOTAL
1					
2					
3					
4					
5					
6					
7					
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10					

NO.	DATE	BY	CHECKED
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NO.	DATE	BY	CHECKED
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2			
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7			
8			
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10			





DT Sta 408129.86  
R.O. Space in Blacktop  
No Witnesses

Tinpan Alley

Gasoline Alley

Sunshine Alley

Townline Rd

Townline Rd

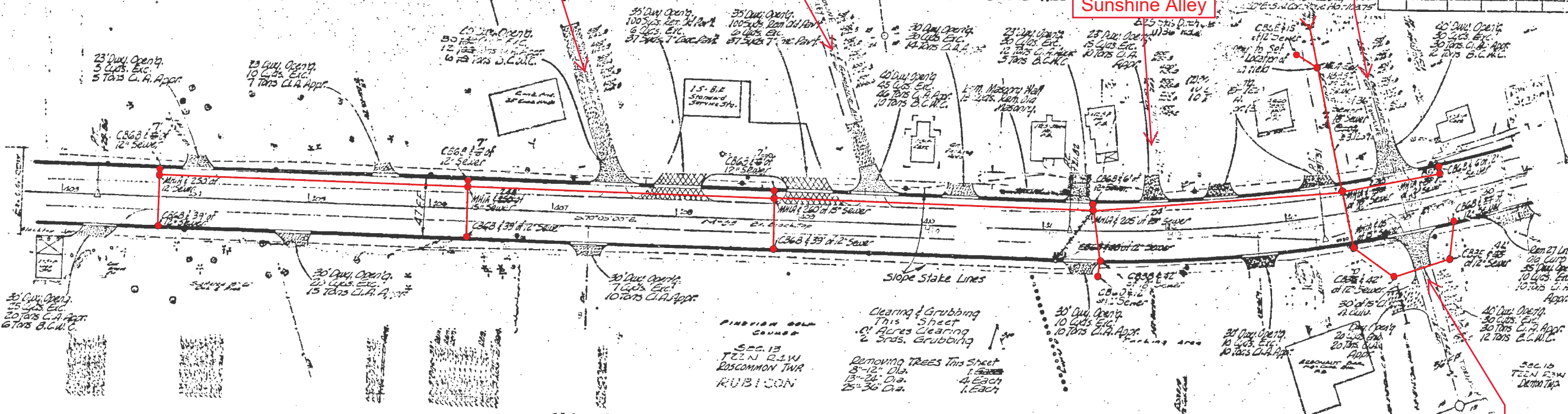
Curve Data	
A=15.42'	L=130.00'
E=17.15'	L=412.00'
L=412.00'	L=412.00'
DT=415.31'	DT=415.31'
DT=415.31'	DT=415.31'

Witnesses to Sec. Corner	
30' 1/2" Dia. Iron Pipe	10' 1/2" Dia. Iron Pipe
30' 1/2" Dia. Iron Pipe	10' 1/2" Dia. Iron Pipe
30' 1/2" Dia. Iron Pipe	10' 1/2" Dia. Iron Pipe

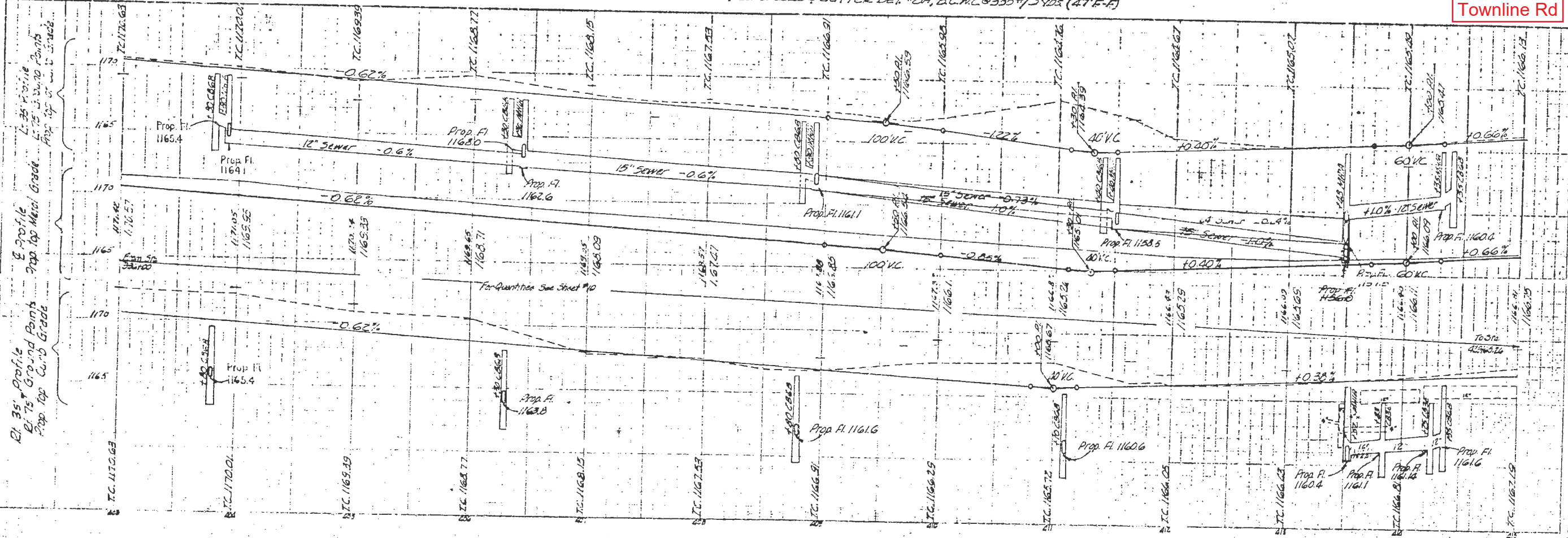
Witnesses to 1/4 Cor.	
30' 1/2" Dia. Iron Pipe	10' 1/2" Dia. Iron Pipe
30' 1/2" Dia. Iron Pipe	10' 1/2" Dia. Iron Pipe



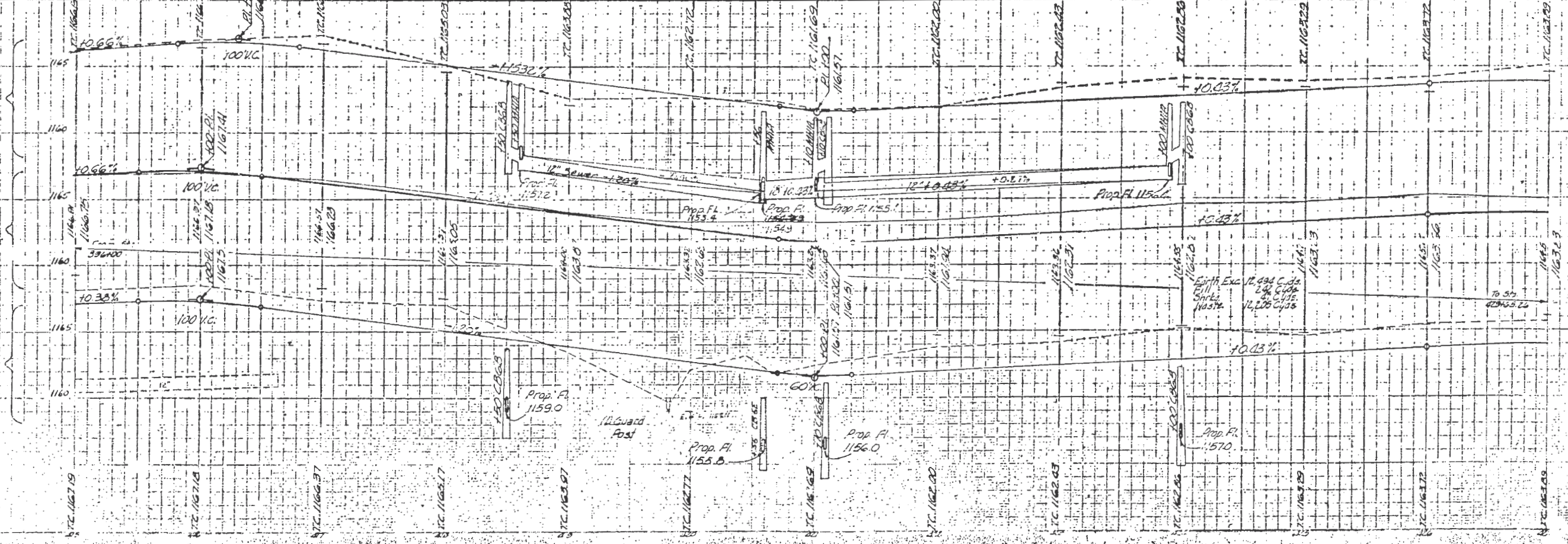
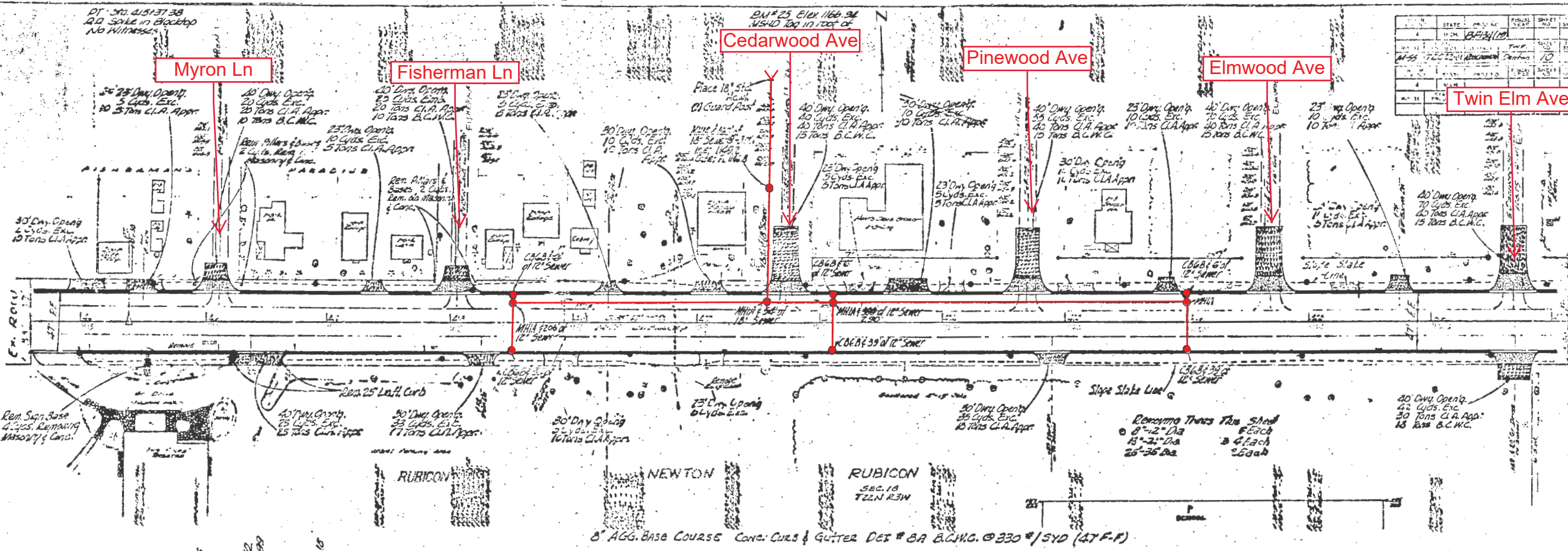
8" AGG BASE COURSE, CONC. CURB & GUTTER DET #39, B.C.N.C.#930#/5425 (AT F.F)

Clearing & Grubbing  
This Sheet  
2 Acres Clearing  
& 300' Grubbing

Removing TREES This Sheet  
8" Dia. 1 Each  
15" Dia. 4 Each  
25" Dia. 1 Each



STATE	CONTRACT NO.	SHEET NO.
WISCONSIN	1000000000	10
DATE	PROJECT	
10/1/19	1000000000	



DATE: 10/1/19  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 APPROVED BY: [Name]  
 REV. 8-2-59 O.D.  
 REV. 8-2-58 O.D.  
 L.K. 3-28-58  
 H. HAYES 1-27-57

Bl 35 Profile  
 41.35 Profile  
 41.75 Ground Points  
 Prop. Top Curb Grade

NO.	DATE	BY	REVISION
1	10/27/01	W. J. ...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...

Jefferson Ave

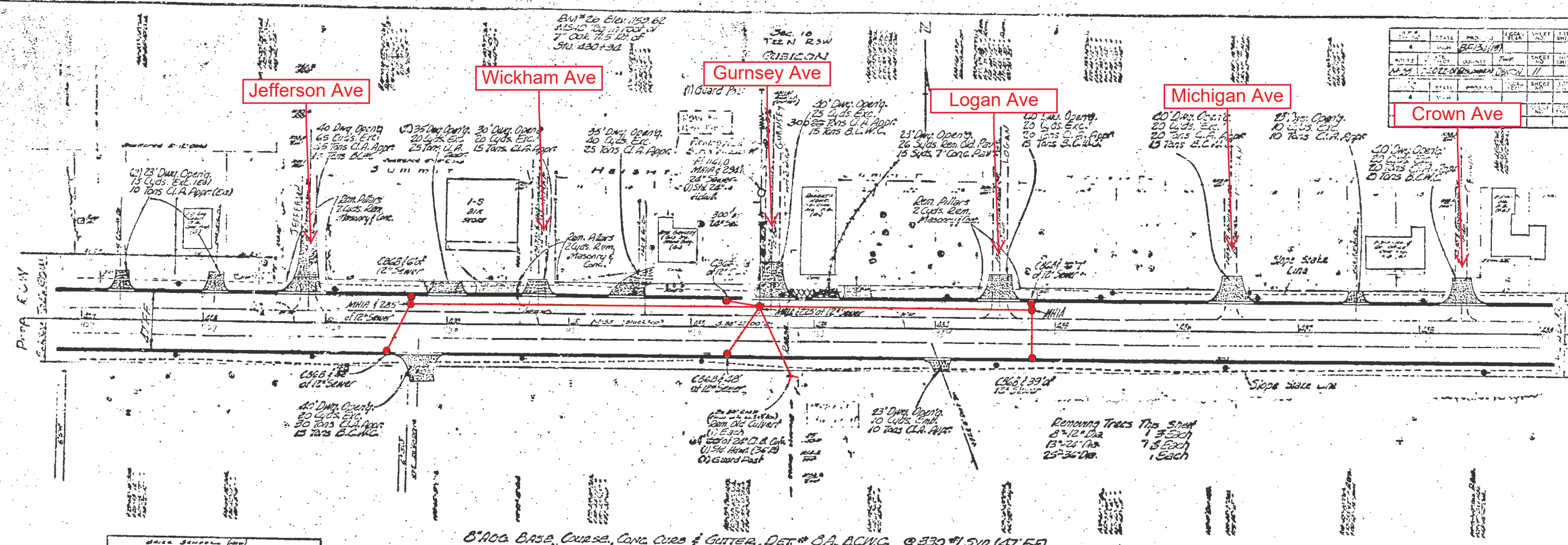
Wickham Ave

Gurnsey Ave

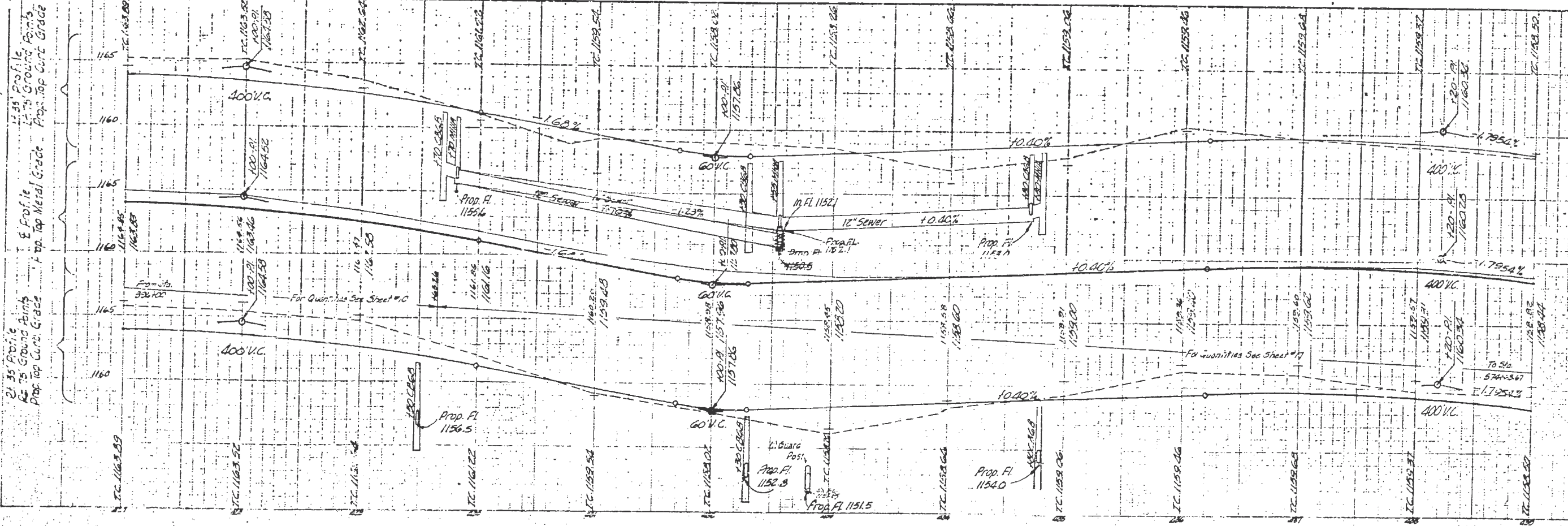
Logan Ave

Michigan Ave

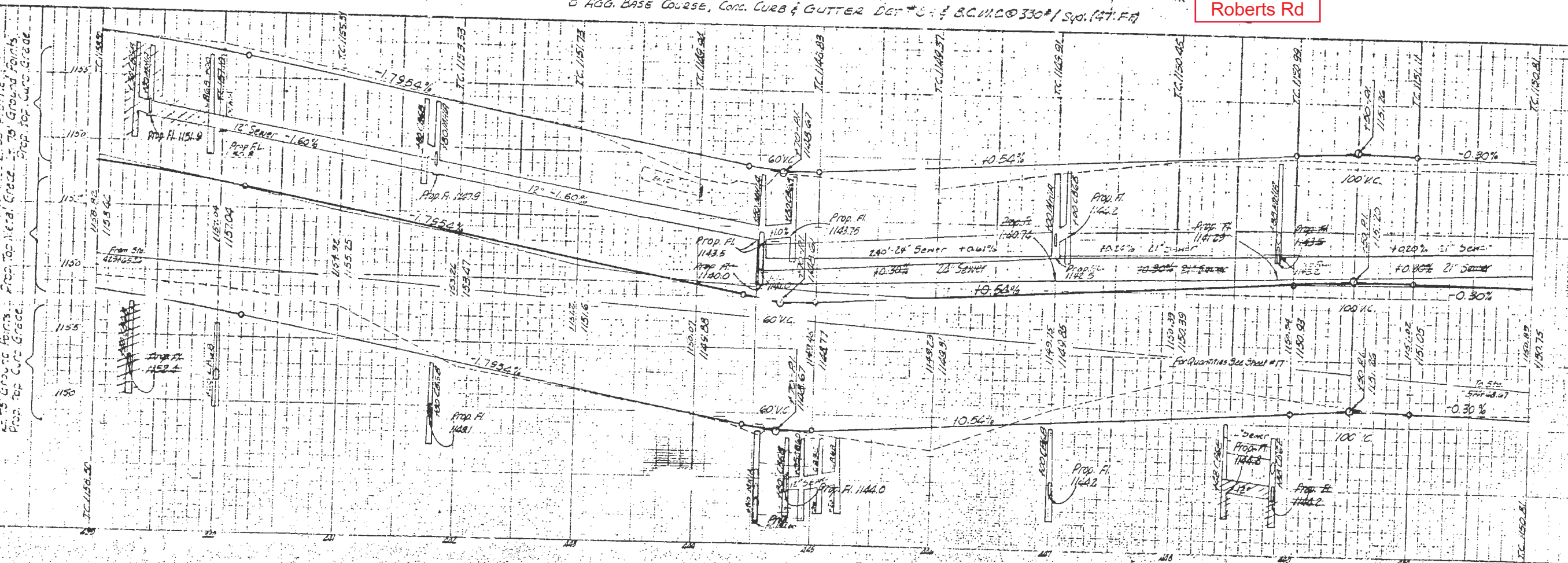
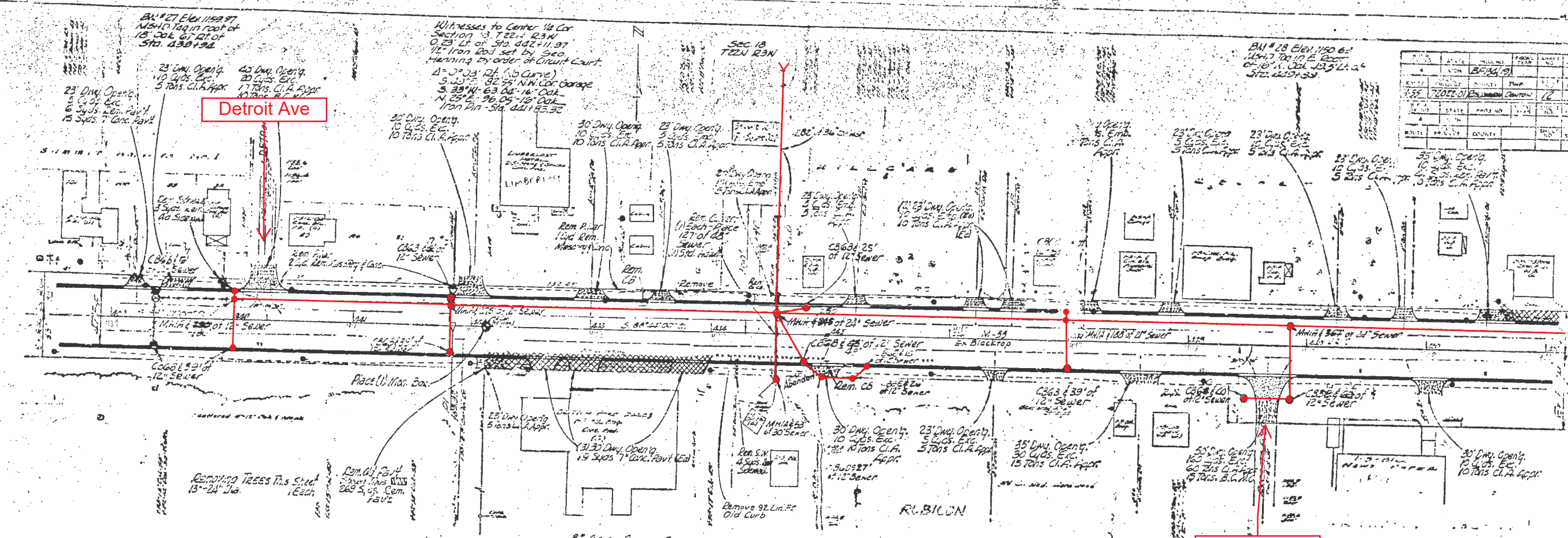
Crown Ave



8" AGG. BASE COURSE, CONC. CURB & GUTTER, DET. # 8A, B.C.M.C. @ 330 #1 5/16 (47' EA)



NO.	DATE	BY	REVISION
1	11/21/12	W. J. [unclear]	PRELIMINARY
2	12/11/12	W. J. [unclear]	REVISED
3	1/10/13	W. J. [unclear]	REVISED
4	2/11/13	W. J. [unclear]	REVISED
5	3/11/13	W. J. [unclear]	REVISED
6	4/11/13	W. J. [unclear]	REVISED
7	5/11/13	W. J. [unclear]	REVISED
8	6/11/13	W. J. [unclear]	REVISED
9	7/11/13	W. J. [unclear]	REVISED
10	8/11/13	W. J. [unclear]	REVISED
11	9/11/13	W. J. [unclear]	REVISED
12	10/11/13	W. J. [unclear]	REVISED



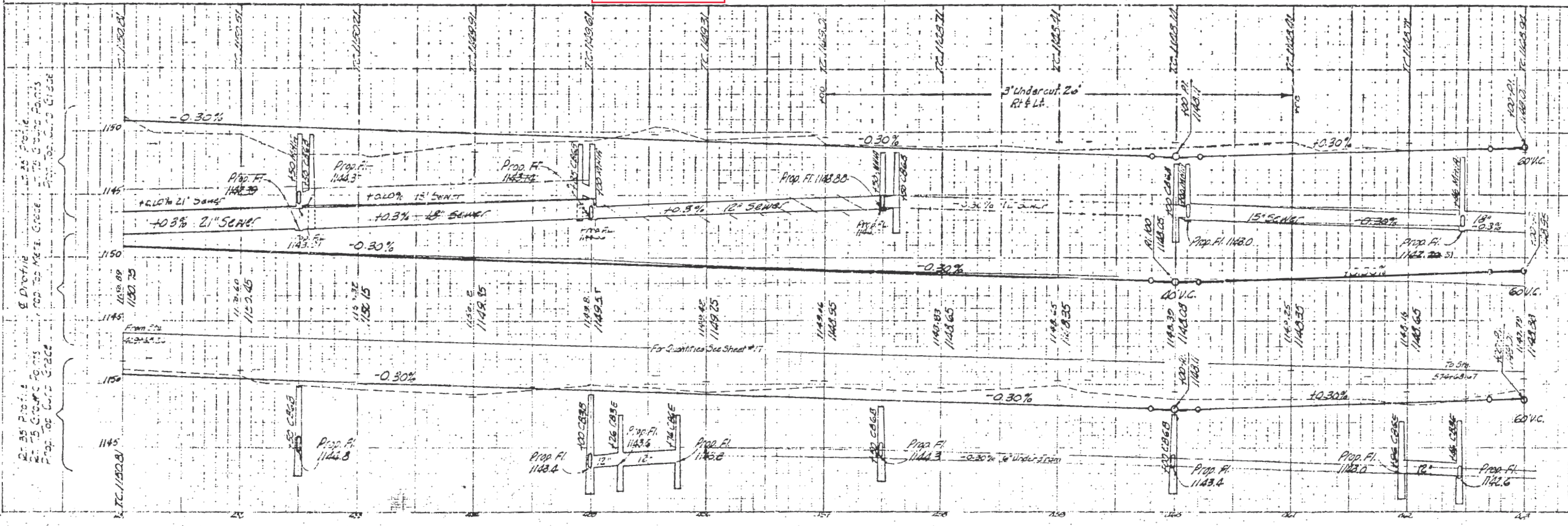
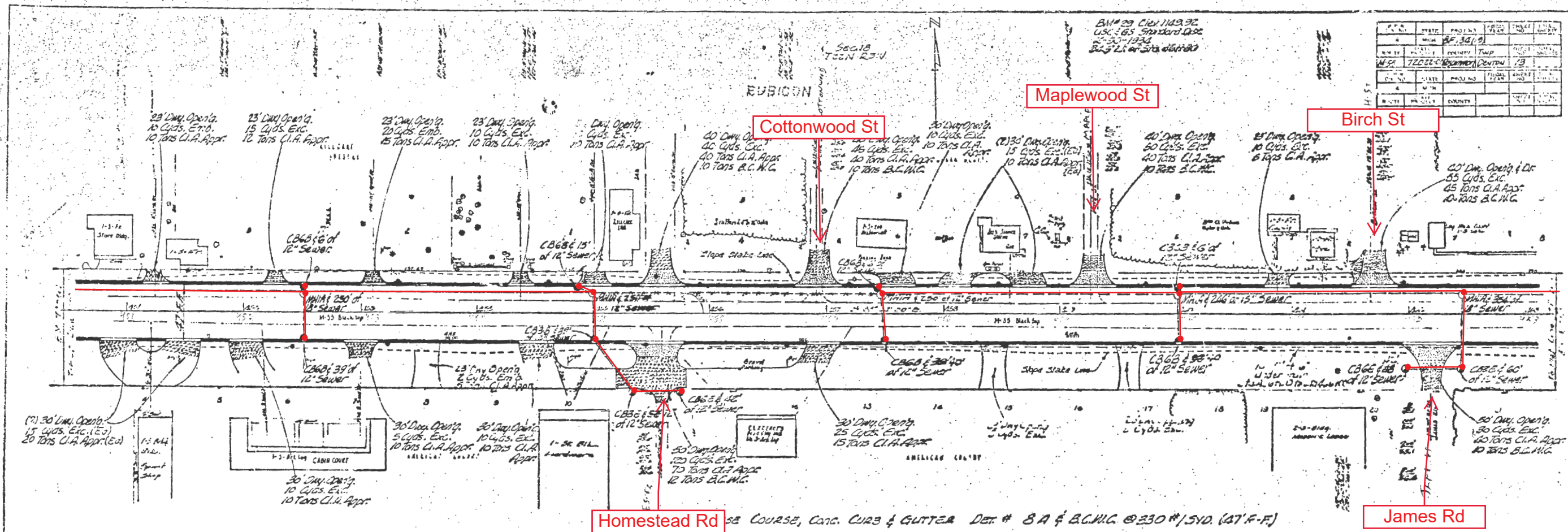
**Detroit Ave**

**Roberts Rd**

3" AGG. BASE COURSE, CONC. CURB & GUTTER DET. 3" & B.C. IN @ 330' / SQ. (47' FT)

2' 35" Profile  
 2' 35" Ground Faints  
 Prop. Top Curb Grade

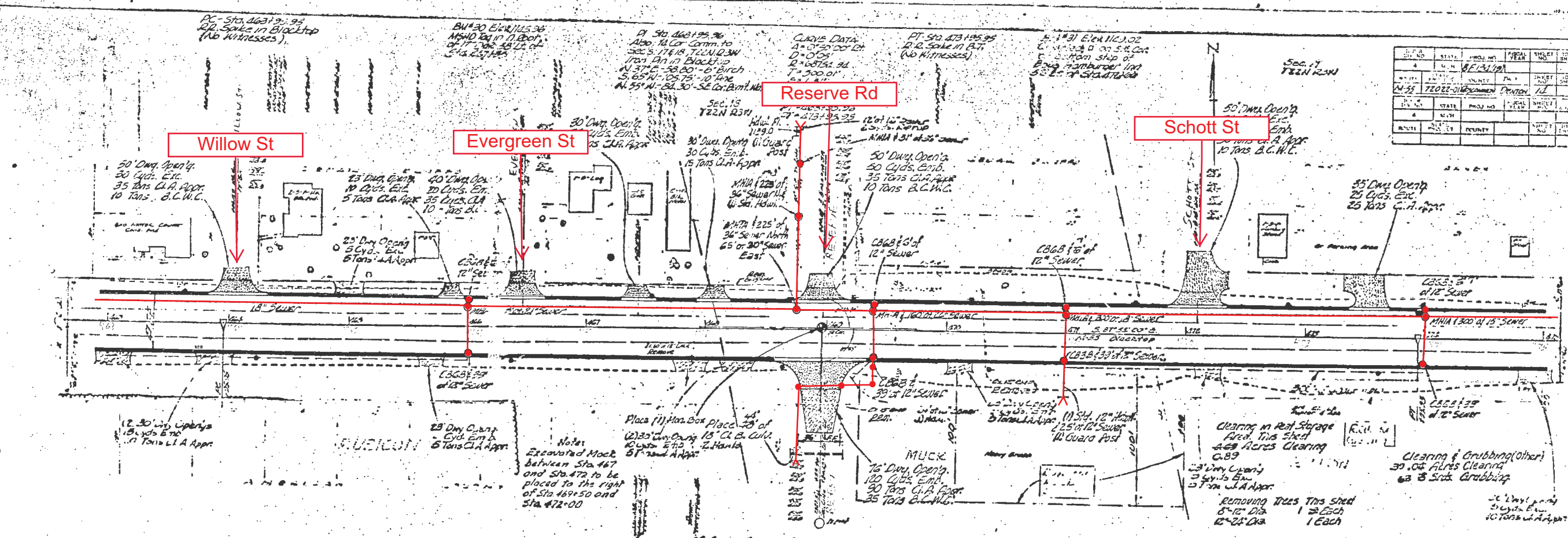
NO.	DATE	PROJECT	SCALE	BY	CHECKED
1	11/21/33	72022-11-11-33	1"=20'	J.M.	
2	12/15/33				
3	1/10/34				
4	1/25/34				
5	2/15/34				
6	3/15/34				
7	4/15/34				
8	5/15/34				
9	6/15/34				
10	7/15/34				
11	8/15/34				
12	9/15/34				
13	10/15/34				
14	11/15/34				
15	12/15/34				



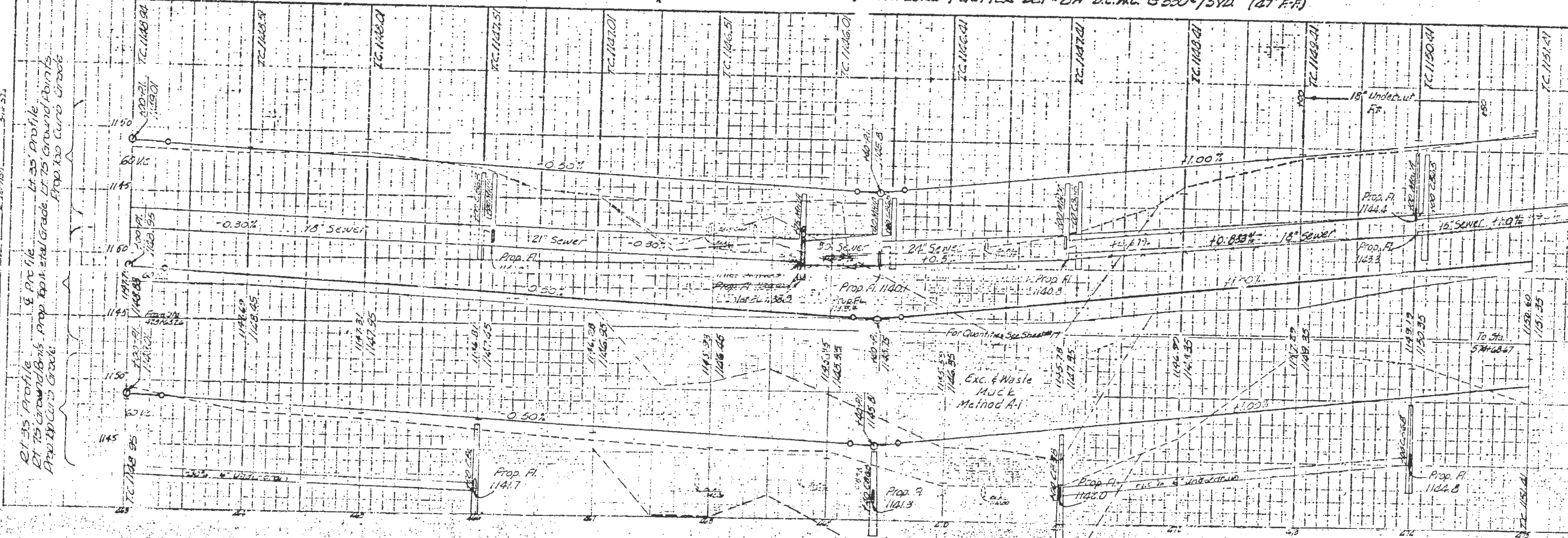
F. P. ...  
 L.M. ...  
 J.M. ...

L.M. ...  
 J.M. ...  
 P. ...

NO.	DATE	BY	REVISION
1	11/12/12	JLH	ISSUED FOR PERMIT
2	11/12/12	JLH	REVISED PER COMMENTS
3	11/12/12	JLH	REVISED PER COMMENTS
4	11/12/12	JLH	REVISED PER COMMENTS

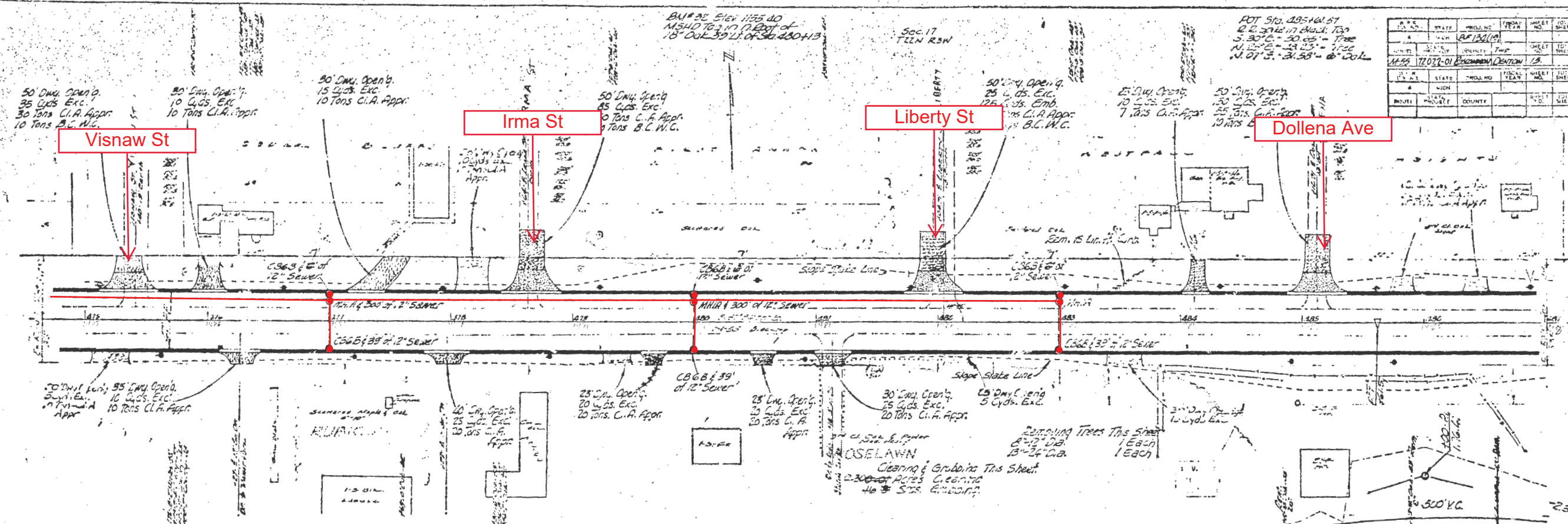


8" AGG. BASE COURSE, CONC. CURB & GUTTER DET # BA B.C.M.C. @ 330#/15YD (47' F.F.)

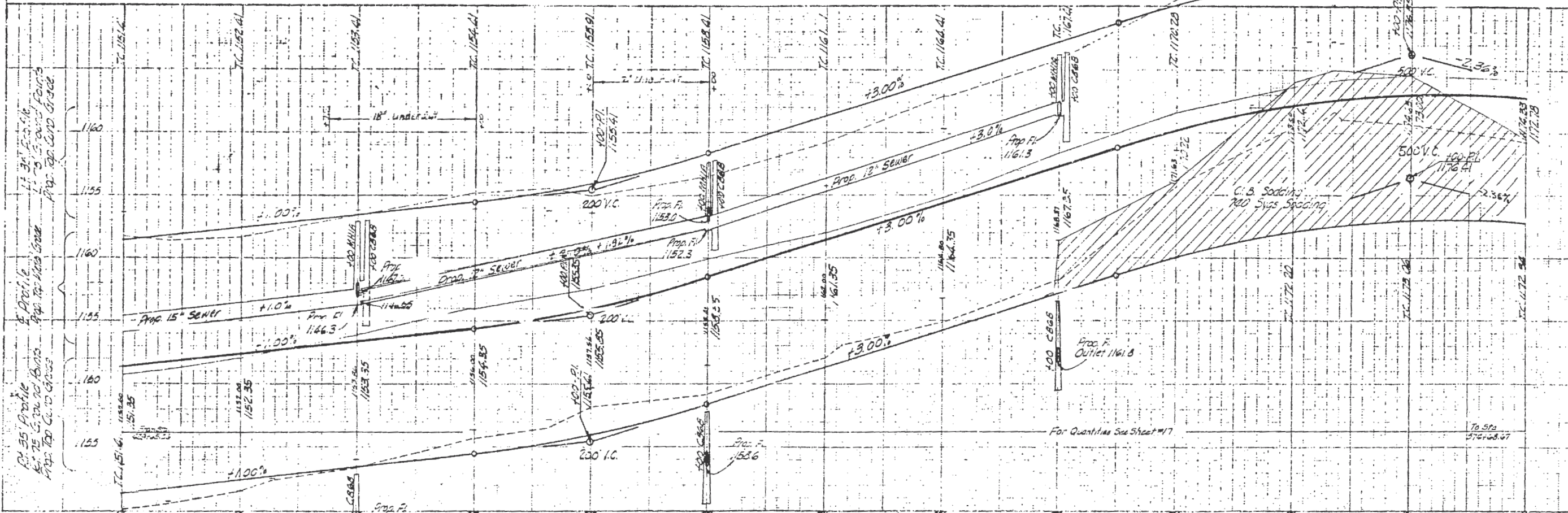


ET 35 Profile  
ET 75 Ground & Prop. Top. etal Grade. ET 75 Ground Points  
Prop. 100 Curb Grade

NO.	DATE	BY	REVISION
1			
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8" AGG. BASE COURSE, CONG. CURB & GUTTER DET. # 8-A B.C.M.C. 330' (47' F.F.)



NO.	DATE	BY	REVISION
1			
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NO.	DATE	BY	REVISION
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Oakridge Ave

Maplebluff Ave

Stanley St

POE 494+00

Deertrack Dr

At 35' Profile  
Bl. 75' Ground Bm's Prop. Top. Metal/Graze  
App. Top Curb Grade

