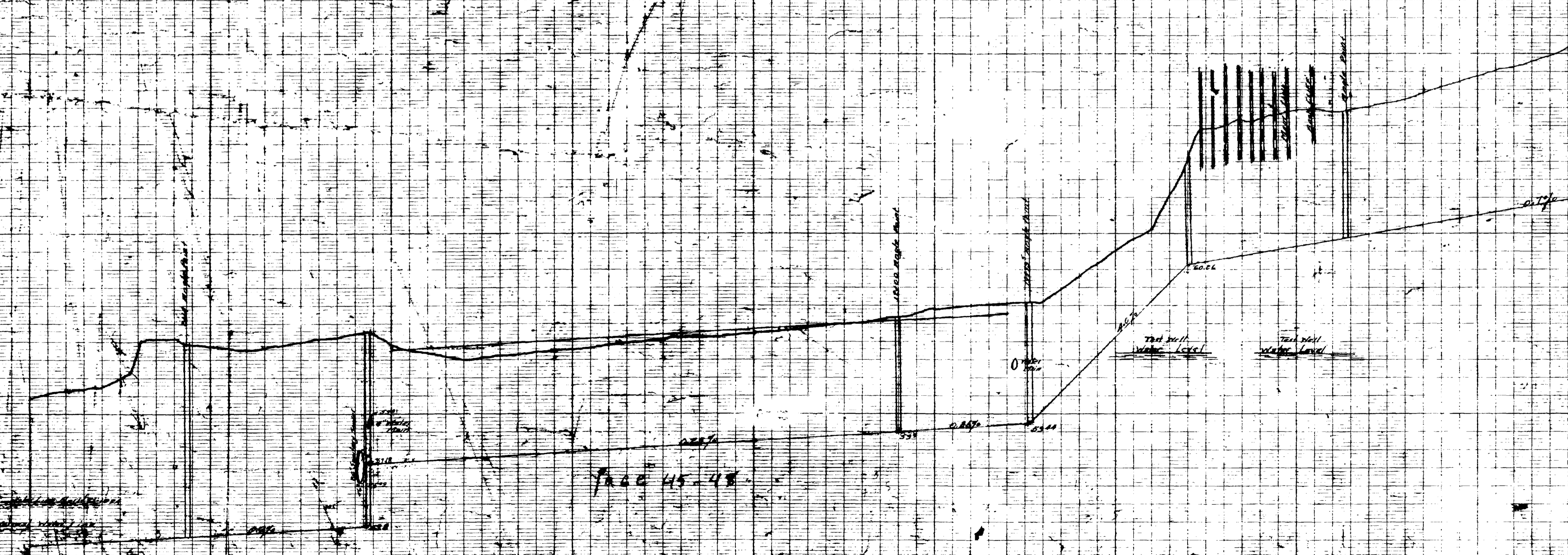
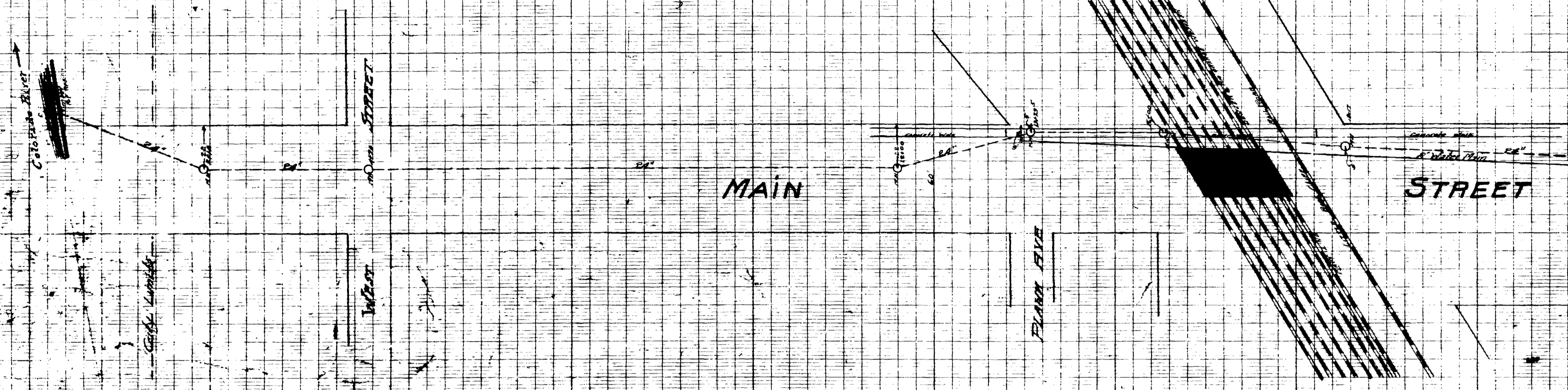


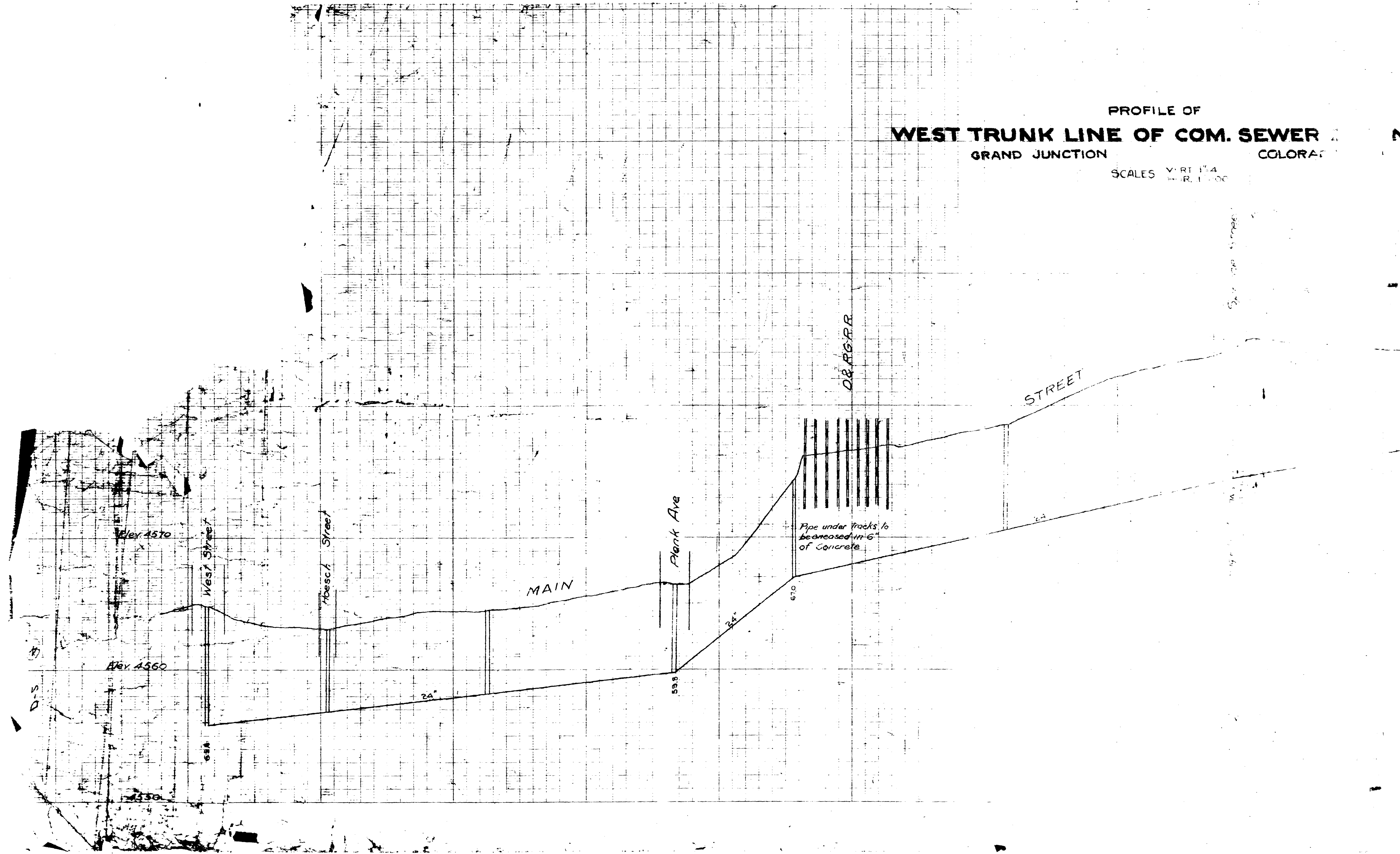
PROFILE  
WEST TRUNKLINE  
COMBINED SEWER DISTRICT No. 2

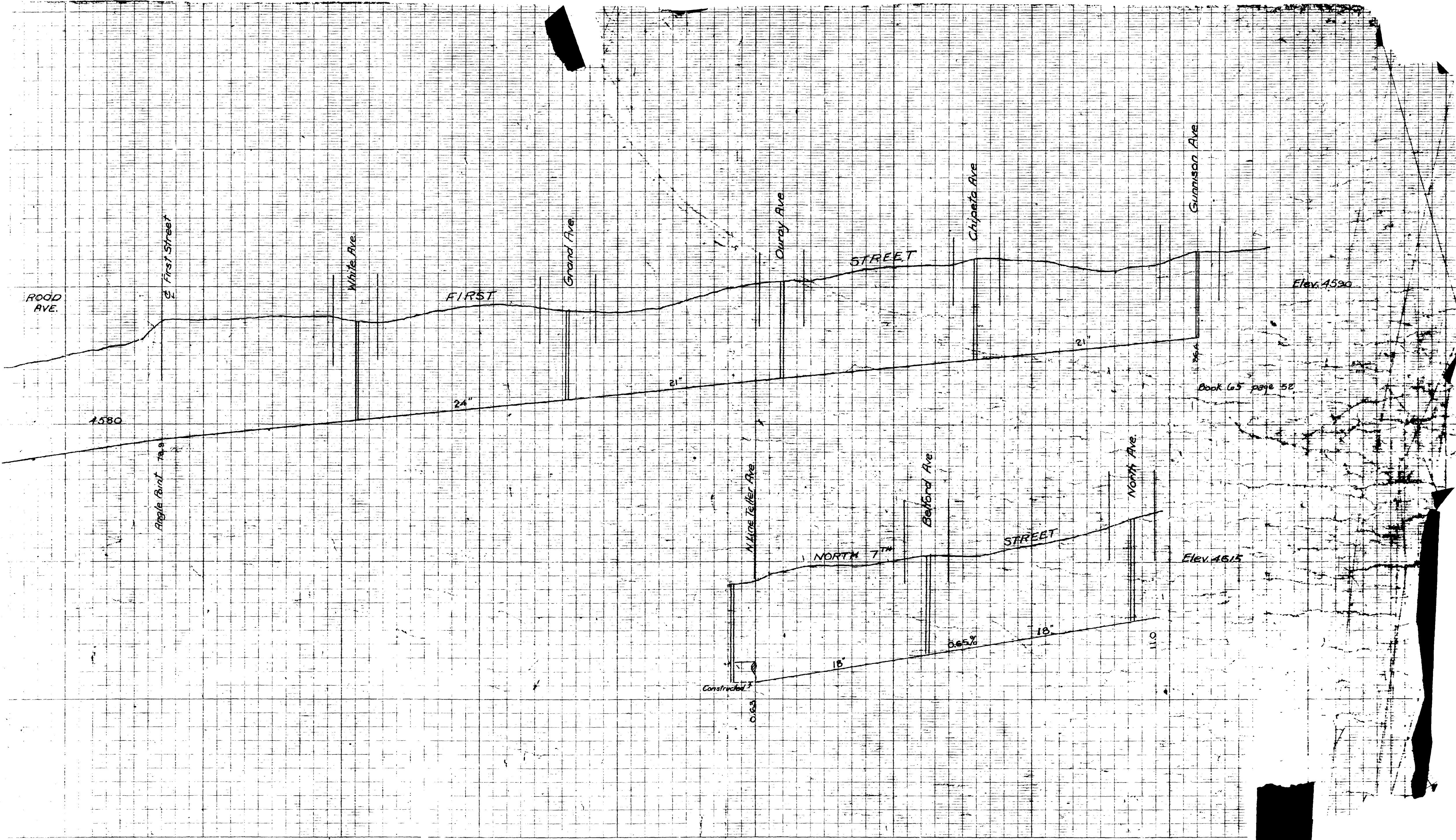




PAGE 45-48

PROFILE OF  
**WEST TRUNK LINE OF COM. SEWER** NO. 2  
GRAND JUNCTION COLORADO  
SCALES V. H. 1" = 40'  
H. R. 1" = 100'



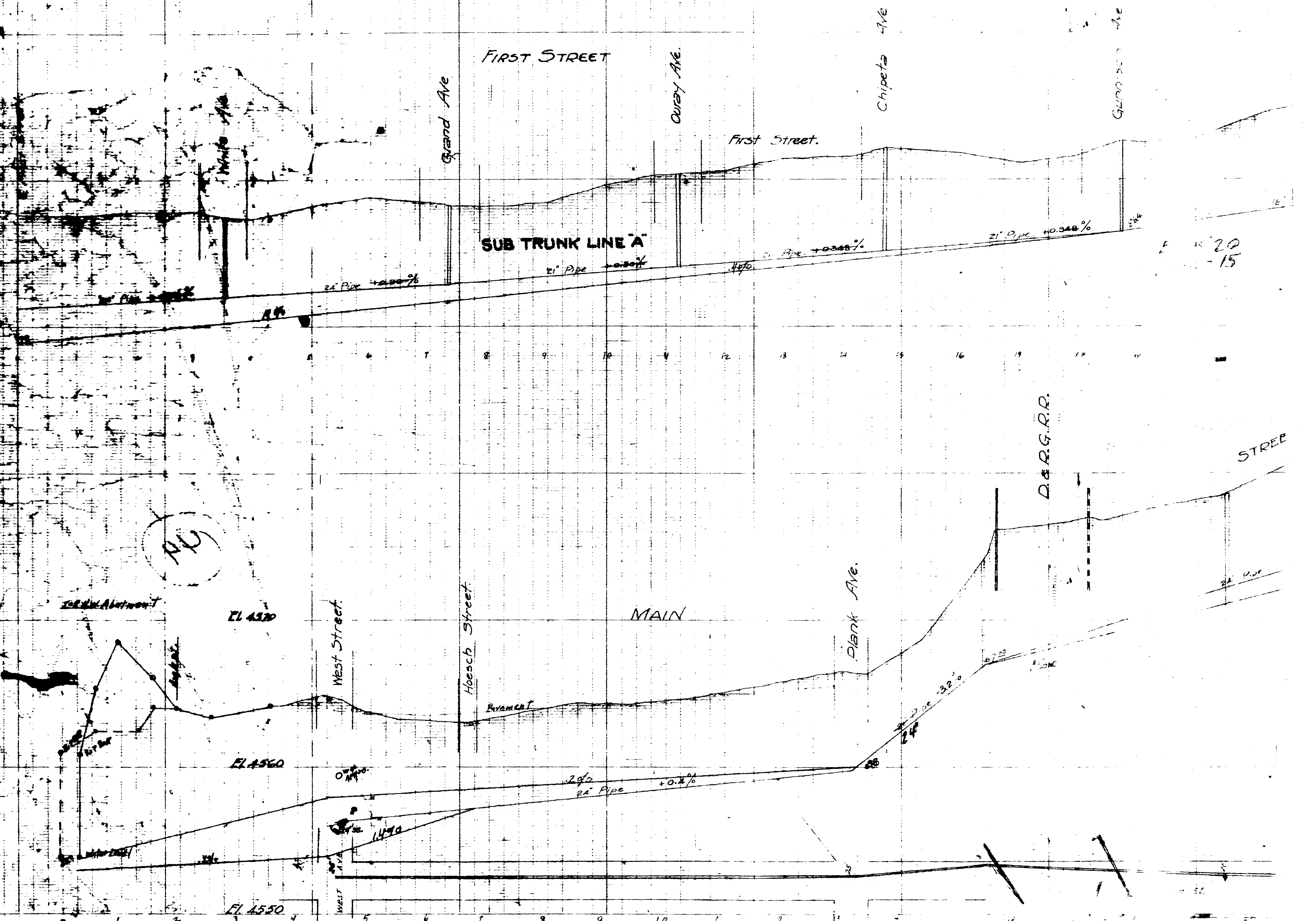


PLANNING & ENGINEERING  
 EUGENE HOFFMAN & ASSOCIATES

PROFILE OF  
PROPOSED STORM SEWER.

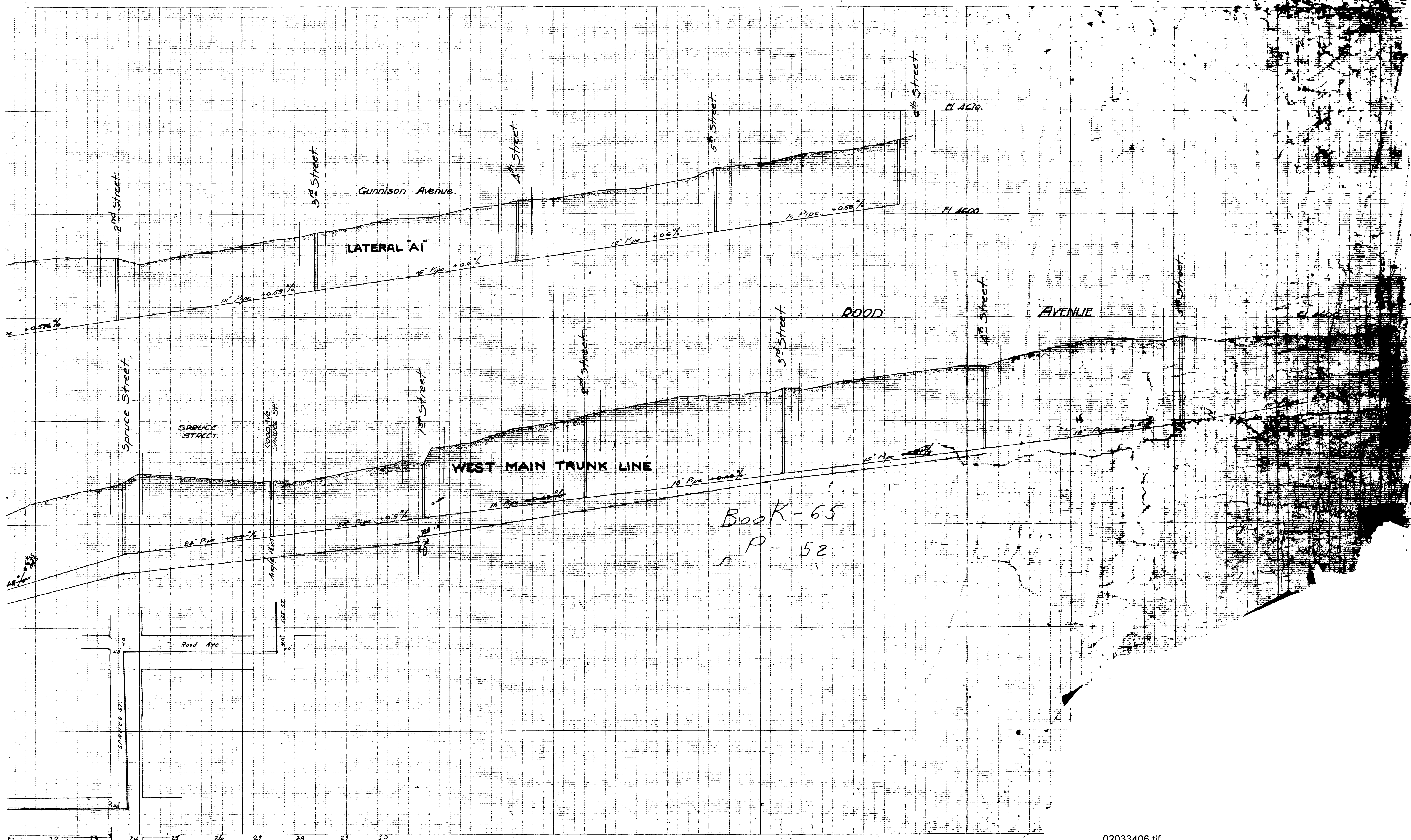
SCALE VERT 1"=4'  
HOR 1"=100'

GRAND JUNCTION COLORADO.



E 20  
- 15

EUGENE DICKSON



Book-65  
P-52

22 23 24 25 26 27 28 29 30  
EUGENE DETSICKEN

PROFILE PAPER  
EUGENE DETSICKEN

02033406.tif

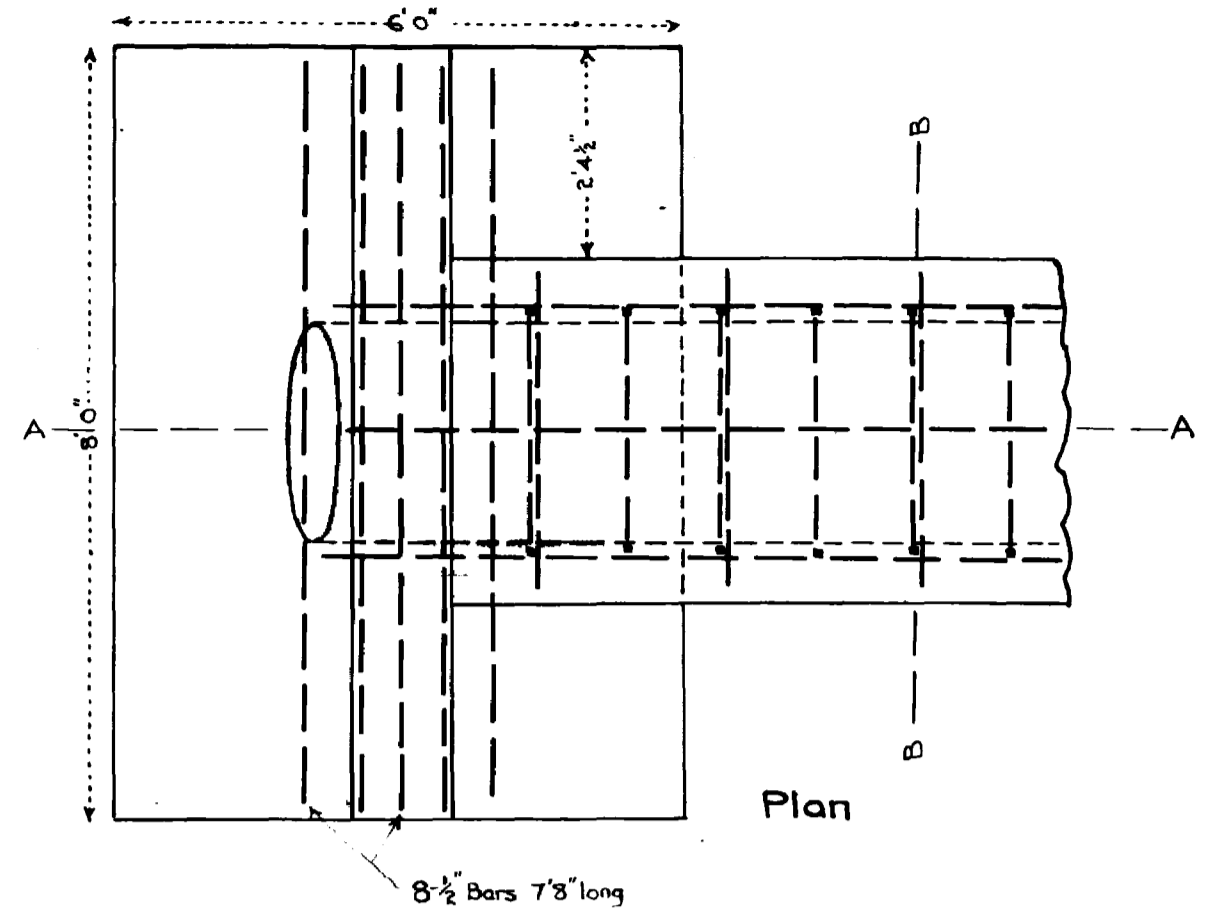
**BIDS RECEIVED**  
WESTRUNK LINE  
**COMBINED SEWER DISTRICT NO. 2**  
Grand Junction Colo.  
Mar 14, 1924

— **VITRIFIED TILE** —

ITEM No.	QUANTITY	ITEM	UNIT	PRICE	TOTAL	CONTRACTOR		UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
						NAME	ESTIMATE								
1	5700 yds	Reinforced Concrete	cu yd	\$3.00	\$171,000	John A Butler Grand Junction Colo	PA Tolbert & Co. Denver Colo	Orman Construction Co. Pueblo Colo	Winterburn & Lundberg Grand Junction Colo						
2	16100 yds	27" Tile	sq ft	3.25	\$52,325.00										
3	12500 yds	27" Sewer	sq ft	3.45	\$42,975.00										
4	8250 yds	27" Sewer	sq ft	3.15	\$25,987.50										
5	11840 yds	27" Sewer	sq ft	3.25	\$38,380.00										
6	3550 yds	27" Sewer	sq ft	2.05	\$7,277.50										
7	3250 yds	27" Sewer	sq ft	2.10	\$6,825.00										
8	3510 yds	27" Sewer	sq ft	1.99	\$6,984.50										
9	3620 yds	27" Sewer	sq ft	1.05	\$3,801.00										
10	7500 yds	27" Sewer	sq ft	0.60	\$4,500.00										
11	14100 yds	27" Sewer	sq ft	0.60	\$8,460.00										
12	220 yds	Manholes	each	60.00	\$13,200.00										
13	440 yds	Chamber	each	50.00	\$22,000.00										
14	500 feet	Depth M.H.	ft	5.00	\$2,500.00										
<b>TOTAL</b>					<b>\$235,224.10</b>				<b>\$248,284.10</b>				<b>\$267,299.50</b>		<b>\$2,201,535.10</b>

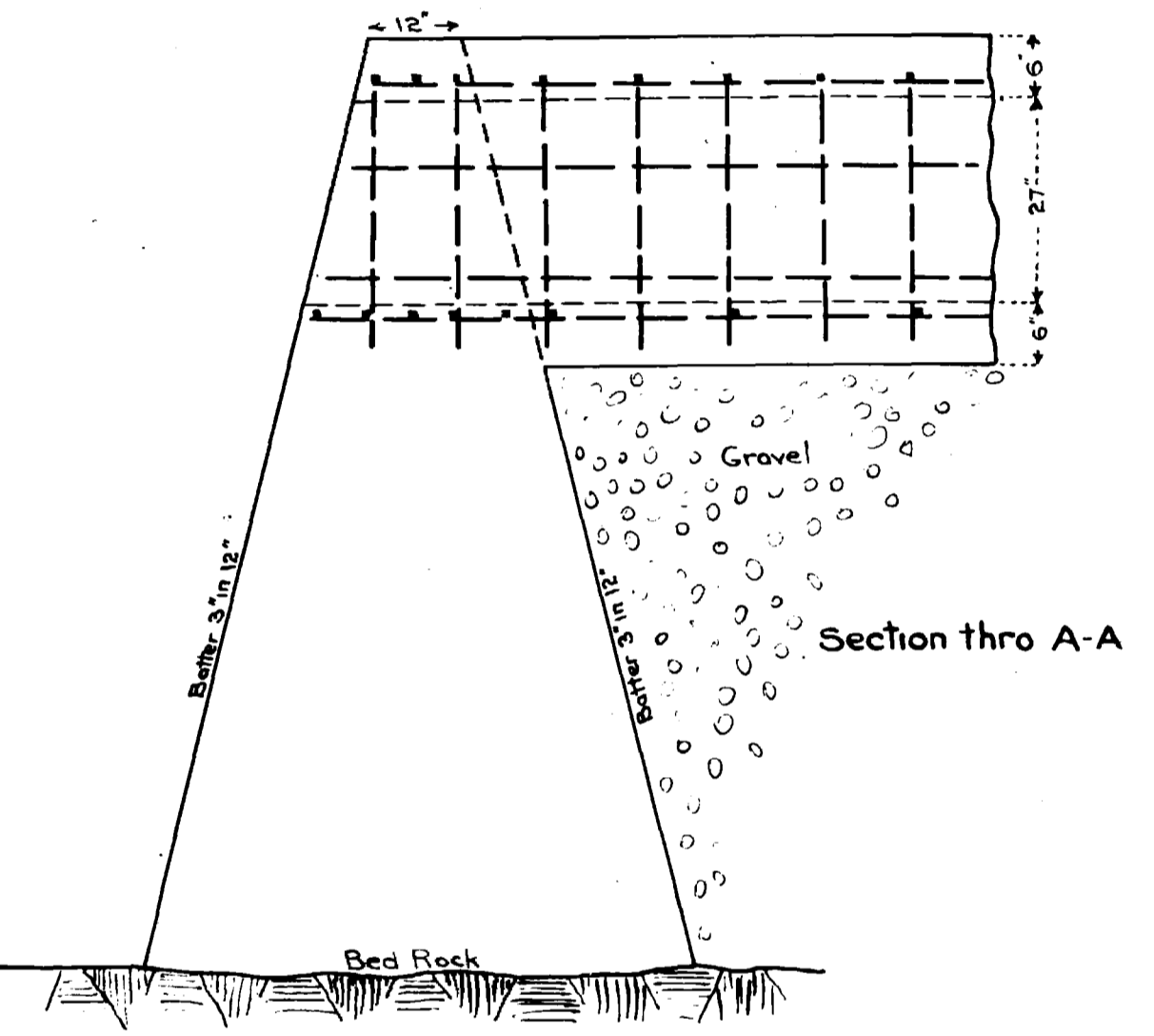
Date of Completion: July 1st 1924, Oct 1st 1924, July 20th 1924, July 1st 1924

**CITY OF GRAND JUNCTION**  
**COMBINED SEWER DISTRICT NO. 2**  
**OUTFALL**  
NOVEMBER 1923

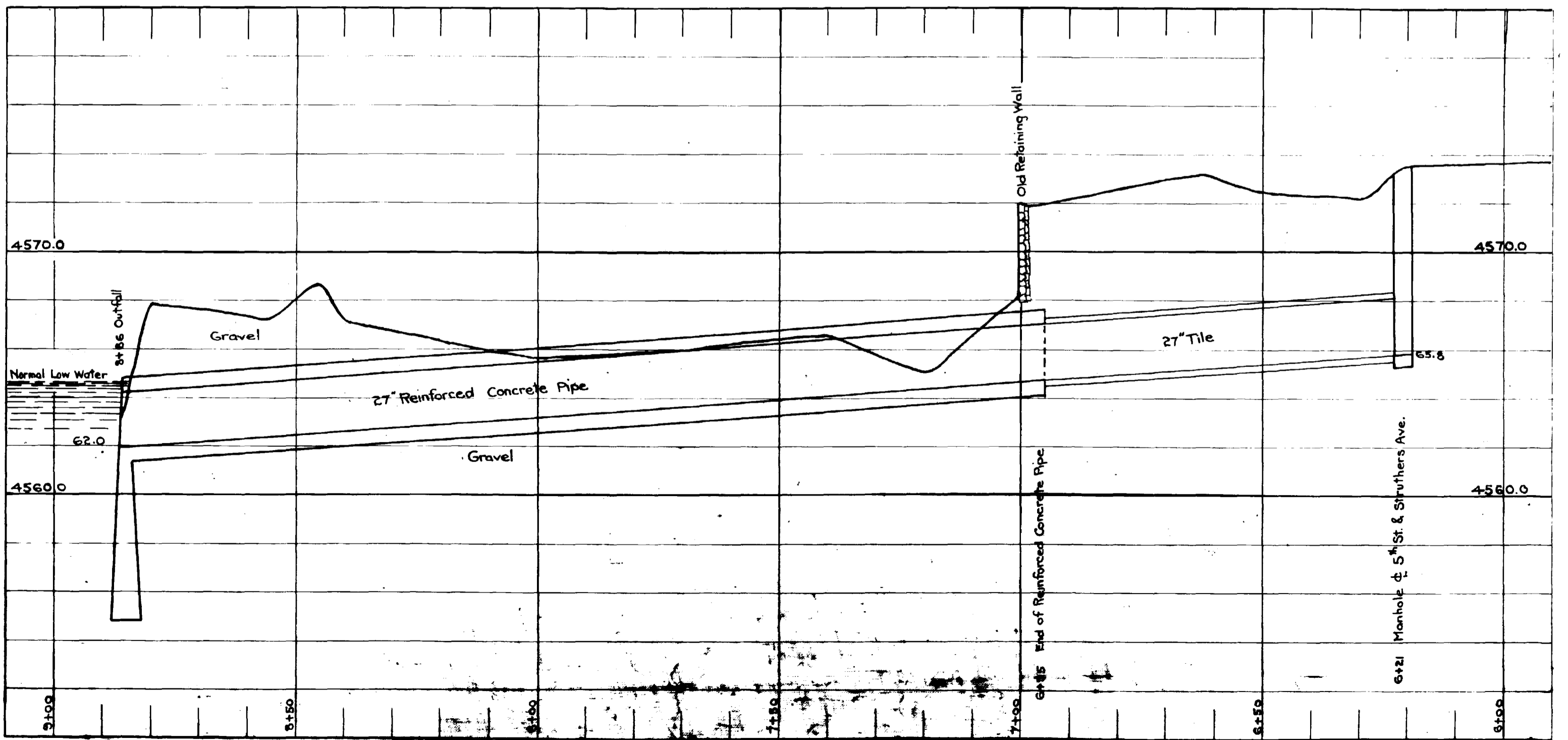
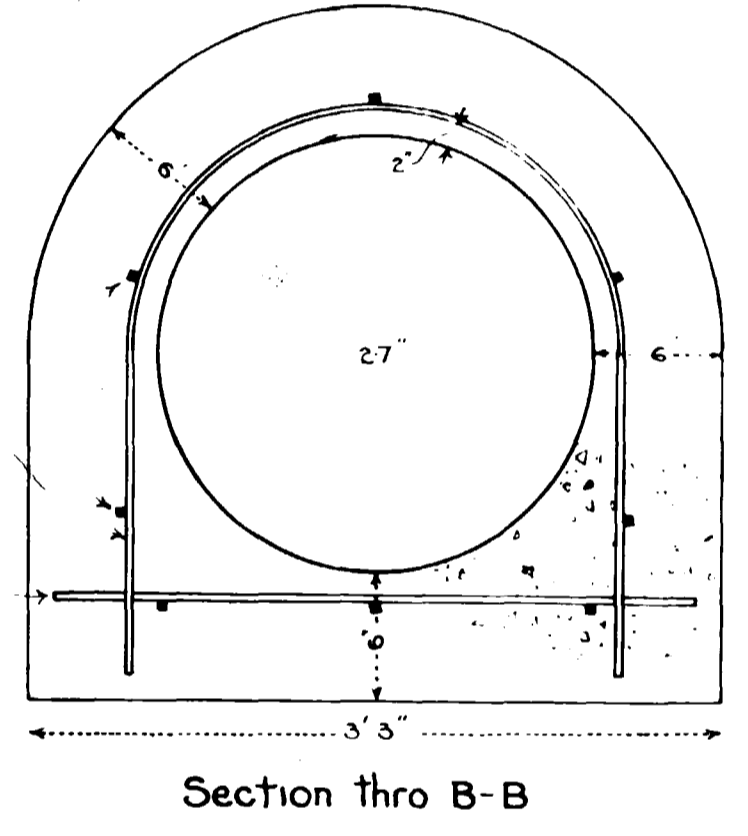


**NOTES**  
All bars to be square twisted  
All walls to have forms on both sides  
All concrete to be 1:2:4 mix

Approximate Quantities  
49 cu yds. Concrete  
2800 lbs. Reinforcing Steel



8 - 1/2" Longitudinal Bars  
1/2" U Bars 7'-3" long Spaced 1' centers  
1/2" Bars 3'-4" long Spaced 2' centers



Bids Received South Trunk Line.  
Combined Sewer District No. 2.

Item No.	Quantity.	Item.	Contractor Pendergast & Connor		Contractor Strange-Maguire.		Contractor Rowland-Plumb Co.		Contractor Orman Const. Co.		Contractor Dennis-Gibbins.		Contractor Winterburn & Lumsden.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
Section A Vitrified.														
1	49 Cu.Yds.	Concrete.	20.00	980.00	40.00	1960.00	28.62	1402.38	35.00	1715.00	20.00	980.00	28.00	1372.00
2	2800 lbs	Rein. Steel.	0.07	196.00	.08	224.00	.10	280.00	.12	336.00	0.06	168.00	.07 1/2	210.00
3	1545 lin.ft.	27" Sewer 0'to 7'cut.	4.50	6952.50	4.12	6365.00	4.18	6458.10	4.00	6180.00	4.25	6566.25	4.25	6566.25
4	949 lin.ft.	27" " 7'to 9' "	4.65	4418.85	4.15	3938.85	4.26	4042.74	4.05	3843.45	4.50	4270.50	4.50	4270.50
5	378 lin.ft.	27" " 9'to 11' "	5.00	1890.00	4.18	1580.04	4.62	1746.36	4.10	1549.80	4.75	1795.50	5.25	1984.50
6	898 lin.ft.	24" " 0'to 7' "	3.00	2694.00	2.95	2649.10	3.00	2700.00	3.05	2738.90	3.25	2918.50	2.90	2604.20
7	1703 " "	24" " 7'to 9' "	3.15	5364.45	3.08	5245.24	3.08 1/2	5253.75	3.15	5364.45	3.45	5875.35	3.10	5279.30
8	200 " "	24" " 9'to 11' "	3.30	660.00	3.22	644.00	3.40	680.00	3.20	640.00	3.55	710.00	3.25	650.00
9	746 " "	21" " 7'to 9' "	2.50	1865.00	2.58	1924.68	2.44	1820.24	2.50	1875.00	2.65	1976.90	2.40	1790.40
10	300 " "	21" " 9'to 11' "	2.68	804.00	2.64	792.00	2.72 1/2	817.50	2.60	780.00	2.85	855.00	2.60	780.00
11	1310 " "	18" " 7'to 9' "	2.06	2698.60	2.20	2882.00	1.99	2606.90	1.97	2580.70	2.35	3078.50	2.25	2947.50
12	550 " "	18" " 9'to 11' "	2.13	1171.50	2.24	1232.00	2.30	1265.00	2.02	1111.00	2.50	1375.00	2.55	1402.50
13	776 " "	15" " 0'to 7' "	1.42	1101.92	1.52	1179.52	1.37 1/2	1067.00	1.48	1148.48	2.15	1668.40	1.70	1319.20
14	180 " "	15" " 7'to 9' "	1.50	270.00	1.55	279.00	1.60	288.00	1.58	284.40	2.30	414.00	2.00	360.00
15	1000 " "	8" Sewer.	0.50	500.00	0.75	750.00	0.65	650.00	.80	800.00	0.65	650.00	.80	800.00
16	21	Manholes	40.00	840.00	60.00	2400.00	50.00	2000.00	65.00	2625.00	70.00	2800.00	65.00	2625.00
17	16 ft.	Add Depth Manholes	3.00	48.00	6.00	96.00	6.00	96.00	5.00	80.00	3.00	48.00	5.00	80.00
18	32	Catch Basins.	40.00	1280.00	60.00	1920.00	57.50	1840.00	60.00	1920.00	40.00	1280.00	55.00	1760.00
Totals.				\$33638.82		\$34828.33		\$33761.97		\$34207.38		\$35961.90		\$35421.35
Section B Concrete.														
1	49 Cu.Yds.	Concrete.	20.00	980.00	40.00	1960.00	28.62	1402.38	35.00	1715.00	20.00	980		
2	2800 lbs	Rein. Steel.	0.07	196.00	0.08	224.00	.10	280.00	.12	336.00	.06	168.00		
3	1545 lin.ft.	27" Sewer 0'to 7'cut.	4.00	6180.00	3.92	6056.40	4.18	6458.10	3.85	5748.25	4.25	6566.25		
4	949 lin.ft.	27" " 7'to 9' "	4.25	4033.25	4.00	3796.00	4.26	4042.74	3.95	3748.55	4.50	4270.50		
5	378 lin.ft.	27" " 9'to 11' "	4.50	1701.00	4.12	1557.36	4.62	1746.36	4.05	1530.90	4.75	1795.50		
6	898 lin.ft.	24" " 0'to 7' "	3.00	2694.00	3.12	2801.76	3.10	2783.80	3.10	2783.80	3.25	2918.50		
7	1703 " "	24" " 7'to 9' "	3.15	5364.45	3.16	5381.48	3.17	5388.51	3.20	5449.60	3.45	5875.35		
8	200 " "	24" " 9'to 11' "	3.33	666.00	3.35	670.00	3.49 3/4	697.50	3.30	660.00	3.55	710.00		
9	746 " "	21" " 7'to 9' "	2.57	1917.22	2.72	2029.12	2.52 1/2	1883.65	2.60	1939.60	2.65	1976.90		
10	300 " "	21" " 9'to 11' "	2.75	825.00	2.76	828.00	2.81 1/4	843.75	2.65	795.00	2.85	855.00		
11	1310 " "	18" " 7'to 9' "	1.95	2554.50	2.20	2882.00	1.95	2554.50	1.98	2593.80	2.35	3078.50		
12	550 " "	18" " 9'to 11' "	2.03	1116.50	2.24	1232.00	2.26 1/4	1244.97	2.08	1144.00	2.50	1375.00		
13	776 " "	15" " 0'to 7' "	1.67	1295.92	1.52	1179.52	1.43 1/2	1113.56	1.60	1241.60	2.15	1668.40		
14	180 " "	15" " 7'to 9' "	1.75	315.00	1.54	277.20	1.65	297.00	1.70	306.00	2.30	414.00		
15	1000 " "	8" Sewer.	.50	500.00	0.76	760.00	0.69	690.00	.83	830.00	0.65	650.00		
16	21	Manholes	40.00	840.00	60.00	2400.00	50.00	2000.00	65.00	2625.00	70.00	2800.00		
17	16 ft.	Add Depth Manholes	3.00	48.00	6.00	96.00	6.00	96.00	5.00	80.00	3.00	48.00		
18	32	Catch Basins.	40.00	1280.00	60.00	1920.00	57.50	1840.00	60.00	1920.00	40.00	1280.00		
Totals				\$32401.84		\$34218.44		\$34323.22		\$34314.10		\$35961.90		
Date of Completion.				Feb. 5 <sup>th</sup>		March 20 <sup>th</sup>		April 1 <sup>st</sup>		March 20 <sup>th</sup>		June 1 <sup>st</sup>		

BIDS RECEIVED WEST TRUNK LINE  
COMB. SEWER DISTRICT NO. 2

SECTION A VITRIFIED

ITEM NO.	QUANTITY	ITEM	CONTRACTOR WINTERBURN and LUMSDEN		CONTRACTOR ORMAN CONST. CO.		CONTRACTOR PRENDERGEST and CONNORS		ENGINEERS ESTIMATE	
			UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	30.0 Cu.Yds	Concrete	35.00	1050.00	25.00	750.00	16.00	480.00	20.00	600.00
2	1120 Lin. feet	27" Sewer 0-7'cut	3.00	3330.00	2.85	3163.50	2.70	2992.00	3.30	3663.00
3	1220 "	27" " 7-9' "	3.15	3841.50	3.00	3660.00	3.00	3660.00	3.45	4204.50
4	1250 "	27" " 9-11' "	3.30	4125.00	3.60	4500.00	3.30	4125.00	3.75	4687.50
5	1080 "	24" " 0-7' "	2.45	2646.00	2.45	2646.00	2.30	2502.40	2.50	2700.00
6	300 "	24" " 7-9' "	2.55	765.00	2.50	750.00	2.40	720.00	2.75	825.00
7	2350 "	18" " 0-7' "	2.00	4700.00	2.00	4700.00	1.80	4230.00	2.00	4700.00
8	2650 "	18" " 7-9' "	2.05	5442.50	2.00	5300.00	2.00	4600.00	2.10	4665.00
9	4800 "	15" " 0-7' "	1.45	6960.00	1.40	6720.00	1.40	6720.00	1.50	7200.00
10	3530 "	12" " 0-7' "	1.20	4236.00	1.00	3530.00	0.90	3177.00	1.20	4236.00
11	3500 "	10" " 0-7' "	1.00	3500.00	0.80	2800.00	0.70	2450.00	1.00	3500.00
12	12100 "	8" Catch Basins	0.90	10920.00	0.60	7260.00	0.50	6050.00	0.65	7875.00
13	21	Manholes	66.00	1386.00	53.00	1155.00	40.00	840.00	55.00	1155.00
14	30	Catch Basins	61.00	1830.00	55.00	1650.00	40.00	800.00	55.00	1650.00
15	12 Feet	Add Depth M.H.	4.00	48.00	5.00	60.00	3.00	36.00	4.00	48.00
TOTAL				\$21735.00		\$20241.10		\$18462.60		\$23512.00

SECTION B CONCRETE

No Bids Received

DATE OF COMPLETION	June 1 <sup>st</sup> 1924	June 10, 1924	May 10 <sup>th</sup> 1924
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