

Drawing No.	File No.			
461	D-70	Carroll-Univ. Hts. pipe line	Oct. 1914	1"=400'
478	J-2	" " " " file map	"	1"=2000'
557	C-80	Letter size map " accomp report,	Jan 1916	
719 A	H-1	Warner - Carroll-Univ. Pipe line	$\frac{1}{12500}$	Mar '17
460	D-80	Profile - " " " "	Sept 1914	
487	D-60	" Foway Valley to West Tr.		1"=1 Mi.
456	D-80	Prelim Prof. Carroll-Univ. Hts. Pipe Line	Sept '14	
481	D-80	Profile " " " "	$\frac{1}{2500}$	1"=2000'
486	D-60	" Bernardo to West Tr.	Dec. 1914	1"=1 Mi.
479	T-3	Proposed Carroll pumping plant	$\frac{1}{20}$	1914

KEARNEY PIPE

CAMP KEARNEY PIPELINE

From the papers of Ed Fletcher, the following papers were removed to the alphabetized correspondence files:

- BARRY, James P. to Fletcher, 12/24/19 - who? w/ Pipe Co?
- ELLIS, Thos. P.
 - Ellis to Fletcher, 3/22/18, 6/28/18
 - Fletcher to Ellis, 7/6/18
- FAUDE, F.M. to Fletcher, 7/10/18, 7/23/18

[CAMP KEARNEY PIPELINE]

Pump to haul 4 million gallons daily -

Pump, Motor, Wiring and Fittings	_____	\$ 15000.00
Pump House	_____	1000.00
Pump	_____	1000.00
		<u>17000.00</u>

Discharge Pipe — 1500' — Pipe 0 to 370' head
 16" diameter — 34460# @ .22 — 7500.00

Fittings _____ 2500.00

Total for 4 million gals daily _____ \$27000.00

Pump to haul 10 million daily — 50,000.00

38" Pipe

Length	Quantity	Unit Price	Total Cost
60	0-30' head	19740' @ \$3.00	59220.00
60	0-40' "	6080' @ 3.10	18848.00
60	0-50' "	6080' @ 3.30	20064.00
70	0-60' "	4760' @ 3.55	16898.00
70	0-70' "	4760' @ 3.83	18230.80
70	0-80' "	4760' @ 4.10	19516.00
80	0-90' "	4760' @ 4.38	20848.80
80	0-100' "	4760' @ 4.65	22134.00
80	110' "	1760' @ 4.93	8676.80
90	120' "	1760' @ 5.20	9152.00
90	130' "	1760' @ 5.48	9644.80
90	140' "	1760' @ 5.75	10120.00
100	150' "	1760' @ 6.03	10610.80
100	160' "	300' @ 6.30	1890.00
100	170' "	300' @ 6.58	1974.00
110	180' "	300' @ 6.85	2055.00
110	190' "	300' @ 7.13	2139.00
110	200' "	300' @ 7.40	2200.00
120	210' "	380' @ 7.68	2918.40
120	220' "	380' @ 7.95	3021.00

Plus 1/2 of 1% for slope 1300.00

250' " 1140 @ 150# = 171000# @ .17 29070.00

300' " 3100 @ 183# = 567300# @ .17 96441.00

Haul from Scondido - 6 miles 2500 tons @ 0.25 per mile 3750.00

Trenching - 57600 Cu Yds @ 1.00 57600.00

Backfill - " " @ 0.25 14400.00

Air Valves, Blow Offs, Manholes, Valves, etc 15000.00

477 722.40

38" Pipe for 10 million gallons daily

Pipe Line \$477 722.40

Plus 15% 71 658.36

Pumping Plant 50 000.00

\$599 380.76

Day \$600,000.00

28" Pipe for 4 million gallons daily

Total Cost \$450000.00

Operating Costs For 10 million gallon line

Interest 8%	\$48,000.00
Maintenance + Operation	20,000.00
Depreciation	12,000.00
	<hr/>
	\$80,000.00

Cost per thousand gallons $2\frac{2}{10}$ cents -

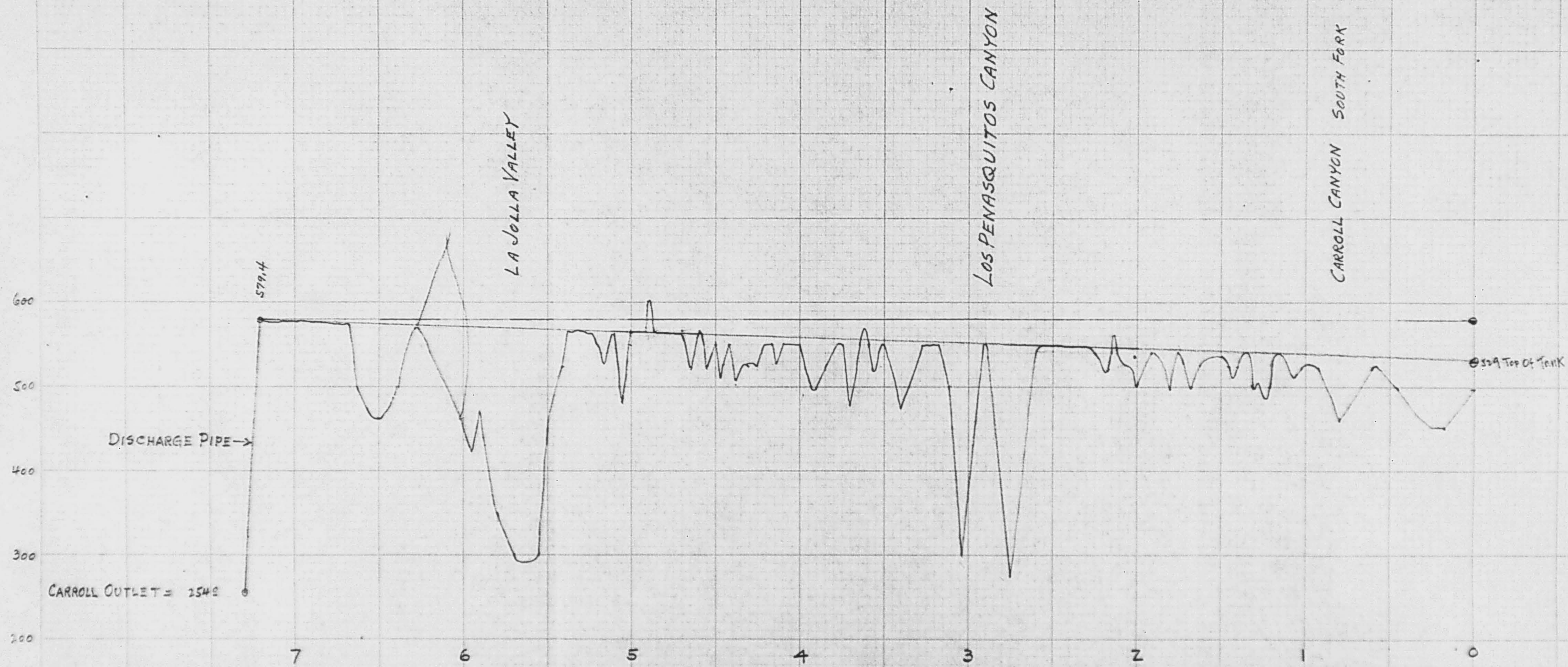
Operating Costs for 4 million gallon line

Interest 8%	\$36,000.00
m + o	17,000.00
Depreciation	9,000.00
	<hr/>
	62,000.00

Cost per 1000 gallons $4\frac{1}{4}$ cents -

(2) level Hyd. grade

Head Ft.	Hor Length Feet
0-50	32900
50-100	23800
100-150	8800
150-200	1500
200-250	1900
250-300	3100
Total	<hr/>
	72000



MADE IN U.S.A.
CROSS SECTION
EUGENE DIE

1/2" x 1/2"

RESOLUTION NO. 24040

FOR THAT WHEREAS, to the end that the supply of water at Camp Kearny, California, may be increased, an additional transmission line installed, and an auxiliary supply provided for, the Cuyamaca Water Company has informally proposed to the office of the Construction Division of the United States Army that said Cuyamaca Water Company will under certain conditions provide for auxiliary and increased supply and additional transmission line; and

WHEREAS, R. C. Marshall, Jr., Brigadier General, U.S.A., Chief of the Construction Division of the United States Army, has, under date of October 11th, 1918, communicated to the Mayor and Common Council of said The City of San Diego a notice of such informal proposal of said Cuyamaca Water Company, and has further informed said Common Council of the unwillingness of the office of the Construction Division of the United States Army to enter into negotiations with the Cuyamaca Water Company until it shall first have received the consent of said Common Council to enter into such negotiations without in any manner prejudicing the rights of the United States Government under existing contracts with said The City of San Diego for the supply of water to Camp Kearny; and

WHEREAS, out of abundance of precaution this Common Council is anxious to co-operate with the office of the Construction Division of the United States Army, and with the Cuyamaca Water Company in an effort to abundantly safeguard the water supply to Camp Kearny, to augment the existing supply, and if possible to provide for auxiliary and emergency supplies, NOW, THEREFORE,

BE IT RESOLVED by the Common Council of The City of San Diego, as follows:

That The City of San Diego hereby consents and manifests its willingness to the consideration of negotiations and proposals made to the Construction Division of the United States Army by the Cuyamaca Water Company of San Diego, California, to the end that said office of the Construction Division of the United States Army may arrange with said Cuyamaca Water Company for the installation of additional transmission lines and the establishment of an increased and auxiliary supply of water for Camp Kearny, California; and said municipality further specifically agrees that it shall consider itself, and hereby agrees that it shall be considered bound to all intents and purposes by the terms and provisions of contracts now existing or hereafter entered into between The City of San Diego and any department or corps of the United States Army, providing for the furnishing of water by said The City of San Diego for use at said Camp Kearny; and further agrees that the consent herein manifested shall be without prejudice to the rights of the United States under such contracts.

The consent herein manifested is given upon the express condition precedent that the Cuyamaca Water Company, through its proper officers, shall execute an agreement to be prepared by the City Attorney of The City of San Diego, reserving to said The City of San Diego and to said Cuyamaca Water Company all rights which they or either of them now have or may hereafter procure in the matter of water rights on the San Diego River, San Diego County, California.

Presented by _____

Dictated by _____

(SEAL)

I HEREBY CERTIFY the above to be a full, true and correct copy of Resolution No. 24040 of the Common Council of the City of San Diego, as adopted by said Council Oct. 24, 1918

(Signed) Allen H. Wright
City Clerk

Copy

FOR THAT WHEREAS, the Common Council of The City of San Diego did, on October 24th, 1918, adopt a certain resolution, No. 24040, wherein The City of San Diego indicated its willingness and consent that the United States enter into negotiations with the Cuyamaca Water Company, to the end that a pipe line might be constructed from Murray Reservoir to Camp Kearny, California; and

WHEREAS, said resolution was adopted pursuant to the request of R. C. Marshall, Jr., Brigadier General of the United States Army, Chief of the Construction Division; and

WHEREAS, said resolution contained the following proviso:

"The consent herein manifested is given upon the express condition precedent that the Cuyamaca Water Company, through its proper officers, shall execute an agreement to be prepared by the City Attorney of The City of San Diego, reserving to said The City of San Diego and to said Cuyamaca Water Company all rights which they or either of them now have or may hereafter procure in the matter of water rights on the San Diego River, San Diego County, California."

NOW, THEREFORE, in order to comply with said proviso, it is hereby stipulated and agreed as follows:

1. That the adoption by said Common Council of said resolution No. 24040; the carrying on of negotiations between the Cuyamaca Water Company and the United States Government for the supply of water to Camp Kearny, California; the execution of a contract for water supply for Camp Kearny, California, between the United States, or any department thereof, and the Cuyamaca Water Company; the construction of a pipe-line from Murray Reservoir, or from any unit of the Cuyamaca Water System to Camp Kearny, California; the furnishing of water for use at Camp Kearny, California, by the Cuyamaca Water Company; or any or all of the foregoing conditions or contingencies, shall in no manner change, impair, lessen or enlarge the rights of either The City of San Diego or the Cuyamaca Water Company to the waters, or any portion of the waters of the San Diego River, and shall in no manner change the status, or in any manner be

construed as affecting the outcome of existing applications, legislation or litigation, or to any extent be considered as a waiver of existing rights under such pending application, legislation or litigation; neither shall the happening of any of the events herein mentioned be used or considered as a waiver of existing rights or acknowledgment of rights or claims of right not existing at this time in the consideration of any application, legislation or litigation hereafter filed, submitted or instituted by or on behalf of said City, or in which said City may be interested, in or before any state or federal tribunal.

The purpose of this agreement is to preserve the rights of the Cuyamaca Water Company and The City of San Diego and of each of them to the waters of the San Diego River, without change or prejudice to either, in the identical condition and status existing prior to the adoption of said Resolution No. 24040.

IN WITNESS WHEREOF, a majority of the members of the Common Council of The City of San Diego have hereunto set their hands as and for the act of said City, and the above named Company, the said Cuyamaca Water Company, has caused these presents to be executed by its proper officers, this 2nd day of November, 1918.

THE CITY OF SAN DIEGO.

By James H. Dougherty

T. J. Fisher

Virgilie Bruschi

W. H. Palmer

Walter P. Moore

Members of the Common Council.

(Seal)
ATTEST:

Allen H. Wright,
City Clerk.

Attest,
Charles Crouch

CUYAMACA WATER COMPANY.

By E. Watcher
Manager.

I hereby approve the form of the foregoing Agreement this

2nd day of November, 1918.

T. B. Cosgrove.

City Attorney of The City of San Diego.

I HEREBY CERTIFY, that the above and foregoing copy has been
be me compared with the original thereof, to-wit: Document No.
118150, filed in the office of the City Clerk of The City of San
Diego, California, and endorsed, "Document No. 118150, Filed Nov 2,
1918, Allen H. Wright, City Clerk, by Hugh A. Sanders, Deputy,
Stipulation of Agreement between City of San Diego and Cuyamaca
Water Company" and that I know of my own knowledge that the said
foregoing copy is a full, true and correct copy of said Document No.
118150, and of the whole thereof.

Dated at San Diego, California, this 2nd day of November, 1918.

Allen H. Wright
City Clerk of the City of San Diego, California.

1 NOW THAT WHEREAS, the Common Council of the City of San
2 Diego, did, on October 24, 1918, adopt a certain resolution,
3 No. 24040, wherein the City of San Diego indicated its wil-
4 liness and consent that the United States enter into nego-
5 tiations with the Cuyamaca Water Company, to the end that a
6 pipe-line might be constructed from Murray Reservoir to Camp
7 Kearney, California; and

8 WHEREAS, said resolution was adopted pursuant to the
9 request of R. C. Marshall, Jr., Brigadier General of the
10 United States Army, Chief of the Construction Division; and

11 WHEREAS, the United States Government has agreed to
12 advance to the said Cuyamaca Water Company the money necess-
13 ary for the construction of the said pipe-line, and the said
14 company is about to commence the construction of the same;

15 NOW THEREFORE, it is hereby stipulated and agreed
16 by and between the said company and the City of San Diego
17 that the adoption by said Common Council of said resolution
18 No. 24040; the carrying on of negotiations between the Cuya-
19 maca Water Company and the United States Government for the
20 supply of water to Camp Kearney, California; the execution of
21 a contract for water supply for Camp Kearney, California, be-
22 tween the United States or any department thereof and the
23 Cuyamaca Water Company; the construction of a pipe-line from
24 Murray Reservoir, or from any unit of the Cuyamaca Water
25 system to Camp Kearney, California; the furnishing of water
26 for use at Camp Kearney, California by the Cuyamaca Water
27 Company, or all or any of the foregoing conditions or contin-
28 gencies, shall in no manner change, impair, lessen or enlarge
29 any rights which either the City of San Diego or the Cuyamaca
30 Water Company may have to the waters, or any portion of the
31 waters of the San Diego River, and shall in no manner change
32 the status, nor shall they, or any of them, in any manner be
33

1 construed as effecting the outcome or result of any pending
2 application, legislation or litigation now pending before
3 any state or federal tribunal in which the City of San Diego
4 may be interested concerning the waters of the said San Diego
5 River.

6 The purpose of this agreement is to preserve the
7 rights, if any, of the Cuyamaca Water Company, and the rights,
8 if any, of the City of San Diego, to the waters of the San
9 Diego River without change or prejudice to either, in the
10 identical condition and status existing prior to the adop-
11 tion of said resolution No. 24040.

12 IN WITNESS WHEREOF, a majority of the members of the
13 Common Council of the City of San Diego have hereunto set
14 their hands as and for the act of said City, and the above
15 named company, the said Cuyamaca Water Company, has caused
16 these presents to be executed by its proper officers, the day
17 and year first above written.

18 THE CITY OF SAN DIEGO,
19 _____
20 _____
21 _____
22 _____
23 _____

24 Attest:

25 _____
26 City Clerk.

27 Attest:

28 W. Keefe
29
30
31
32
33

Cuyamaca Water Company,

By D. Fletcher
34 Manager.

Ed Fletcher Papers

1870-1955

MSS.81

Box: 67 Folder: 6

Business Records - Land Companies - Miscellaneous land, with various Ed Fletcher companies - Camp Kearny - San Diego City Council resolutions and miscellaneous papers



Copyright: UC Regents

Use: This work is available from the UC San Diego Libraries. This digital copy of the work is intended to support research, teaching, and private study.

Constraints: This work is protected by the U.S. Copyright Law (Title 17, U.S.C.). Use of this work beyond that allowed by "fair use" requires written permission of the UC Regents. Permission may be obtained from the UC San Diego Libraries department having custody of the work (<http://libraries.ucsd.edu/collections/mscl/>). Responsibility for obtaining permissions and any use and distribution of this work rests exclusively with the user and not the UC San Diego Libraries.