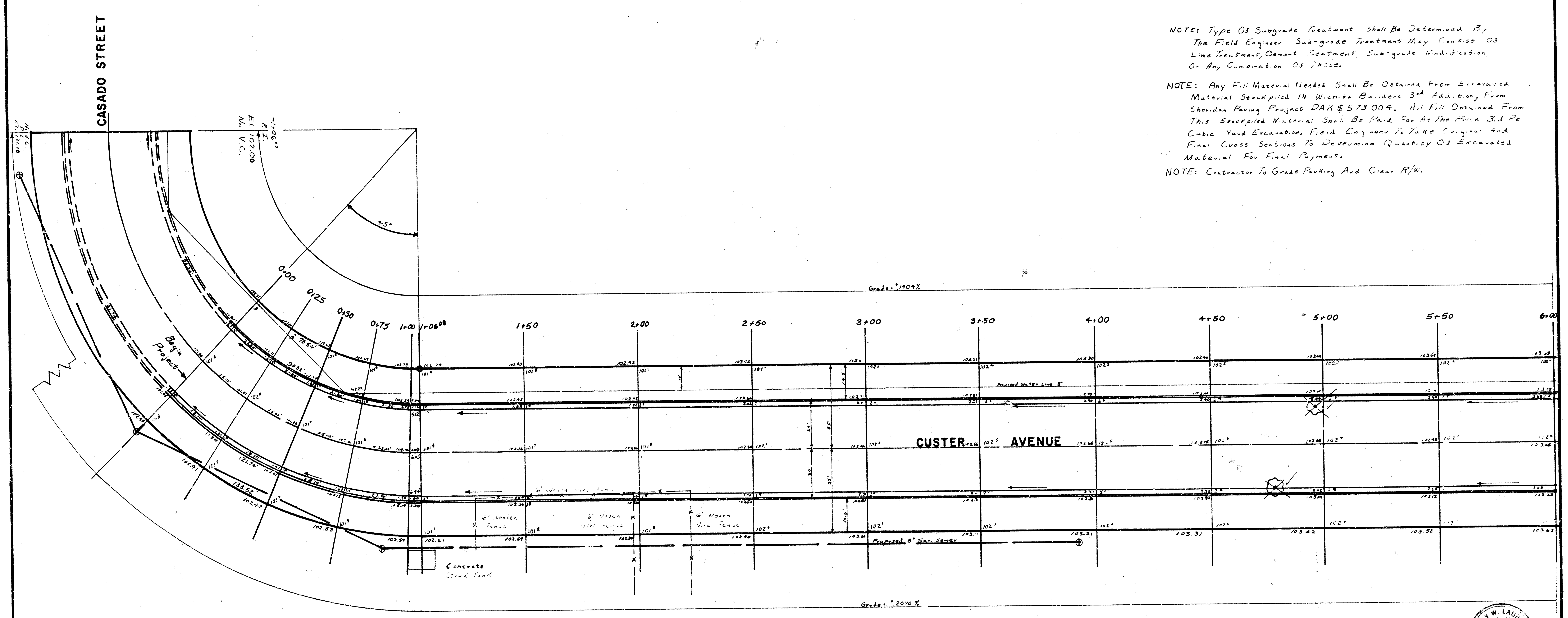
Survey A. Riggs AR-48
Plan Spencer
Ext. Spencer
Checked

B.M. #2 102.07 iron in thimble on ¼ Sec. Cor.
Sheridan So. & Pawnee, E. thimble
B.M. #3 102.15 N. Rim M.H. S.W. Cor.
Sheridan & Casado

N
Scale: 1" = 20'


CASADO STREET
CUSTER AVENUE
45°
0+00
0+25
0+50
0+75
1+00
1+06.03
1+50
2+00
2+50
3+00
3+50
4+00
4+50
5+00
5+50
6+00
Begin Project
Grade +.1904%
Grade +.2070%
Proposed Water Line 8"
Proposed 8" San. Sewer
6" Woven Wire Fence
Concrete Stand Pipe

NOTE: Type Of Subgrade Treatment Shall Be Determined By The Field Engineer. Sub-grade Treatment May Consist Of Lime Treatment, Cement Treatment, Sub-grade Modification, Or Any Combination Of These.

NOTE: Any Fill Material Needed Shall Be Obtained From Excavated Material Stockpiled IN Wichita Builders 3rd Addition, From Sheridan Paving Project DAK$573004. All Fill Obtained From This Stockpiled Material Shall Be Paid For At The Price Bid Per Cubic Yard Excavation. Field Engineer To Take Original And Final Cross Sections To Determine Quantity Of Excavated Material For Final Payment.

NOTE: Contractor To Grade Parking And Clear R/W.

Δ = 45°0' R. = 135.0' T. = 55.92' L. = 106.03' LC. = 103.32'

CURVE DATA BASED ON ℄ Road RAD $\frac{\Delta}{2}$ = 22°30'00"

STA.	ARC.	CHORD LENGTH 8' OFF Lt CB. −	 8' OFF Rt CB. +	DEFLECTION	TOTAL DEFLECTION
0+00	0.0'	0.0'	0.0'	0°00'00"	0°00'00"
0+25	25.0	19.79	30.14'	5°18'19"	5°18'18"
0+50	25.0	19.79	30.14'	5°18'18"	10°36'37"
0+75	25.0	19.79	30.14'	5°18'19"	15°54'56"
1+00	25.0	19.79	30.14'	5°18'18"	21°13'14"
1+06.03	6.03	5.00	7.61'	1°16'46"	22°30'00"

Defl. Δ = 12.7324 Min/Ft.

Property Earthwork

Excav. = 1454.2 yd³	Loose Fill = 1747.04 yd³	Comp. Fill = 5.42 yd³
+10% = 145.4 yd³	+10% = 174.70 yd³	+10% = .54 yd³
Total 1599.6 yd³	1921.74 yd³	5.96 yd³

City Earthwork

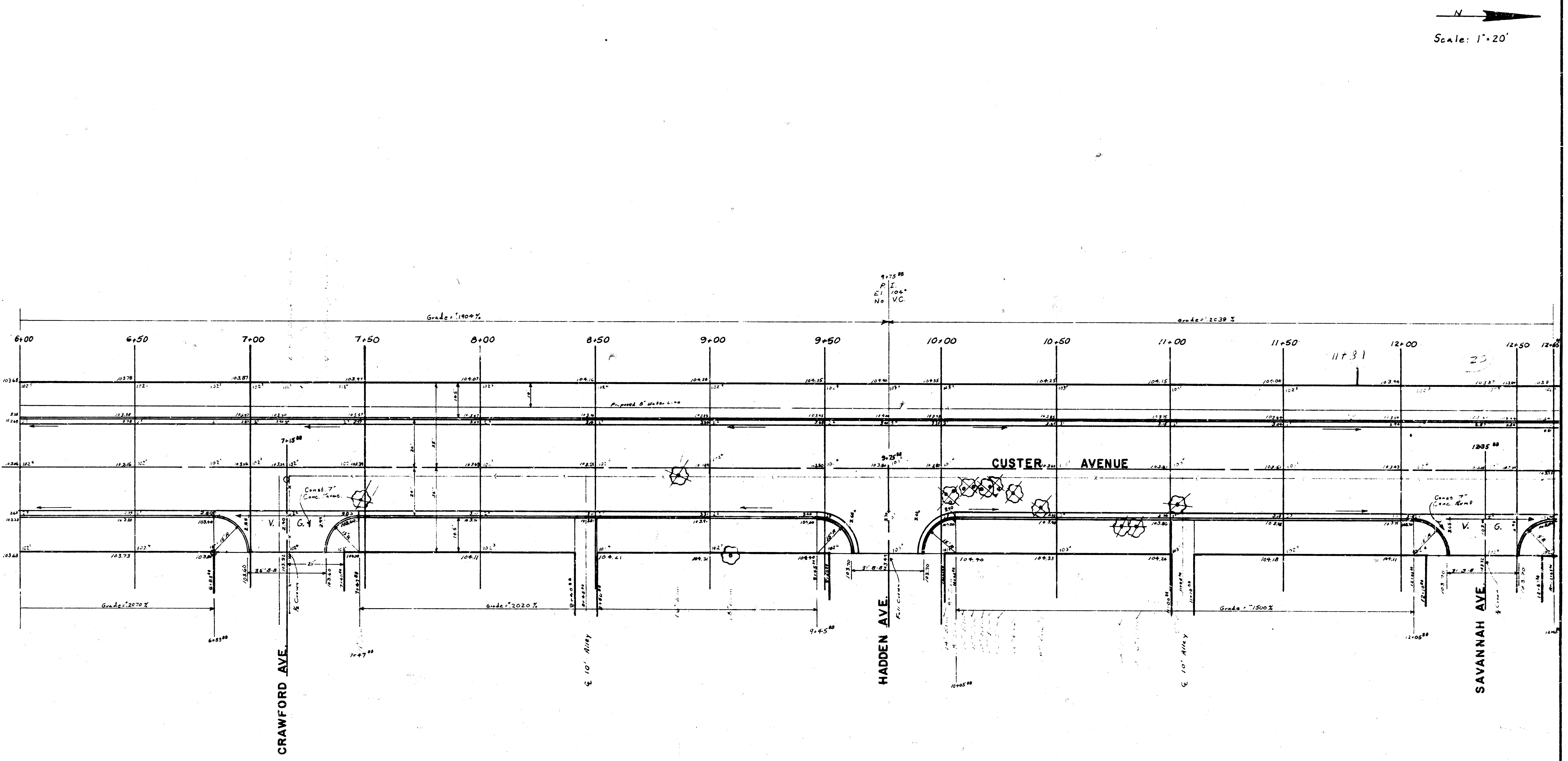
Excav. = 195.3 yd³	Loose Fill = 84.60 yd³	Comp. Fill 3.22 yd³
+10% = 19.6 yd³	+10% = 8.46 yd³	+10% = .32 yd³
214.9 yd³	93.06 yd³	3.54 yd³

1/7

LARRY W. LAURSEN
6363

CUSTER
S.L. CASADO TO S.L. PAWNEE
ASPHALTIC CONCRETE PAVEMENT
41' B-B WITH COMB. CB. & GTR.
CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
PROJ. NO. DAKS573007

DATE: APRIL 1973


N
Scale: 1"=20'
9+75.88
P.I.
El. 104'
No V.C.
Grade = 1.904%
Grade = .2039 %
6+00
6+50
7+00
7+50
8+00
8+50
9+00
9+50
10+00
10+50
11+00
11+50
11+31
12+00
12+50
Proposed 6" Water Line
CUSTER AVENUE
Const. 7" Conc. Curb
CRAWFORD AVE.
HADDEN AVE.
SAVANNAH AVE.
10' Alley
10' Alley
Grade = .2070 %
Grade = .2020 %
Grade = .1500 %

CUSTER
S.L. CASADO TO S.L. PAWNEE

PROJ. NO. DAKS573007

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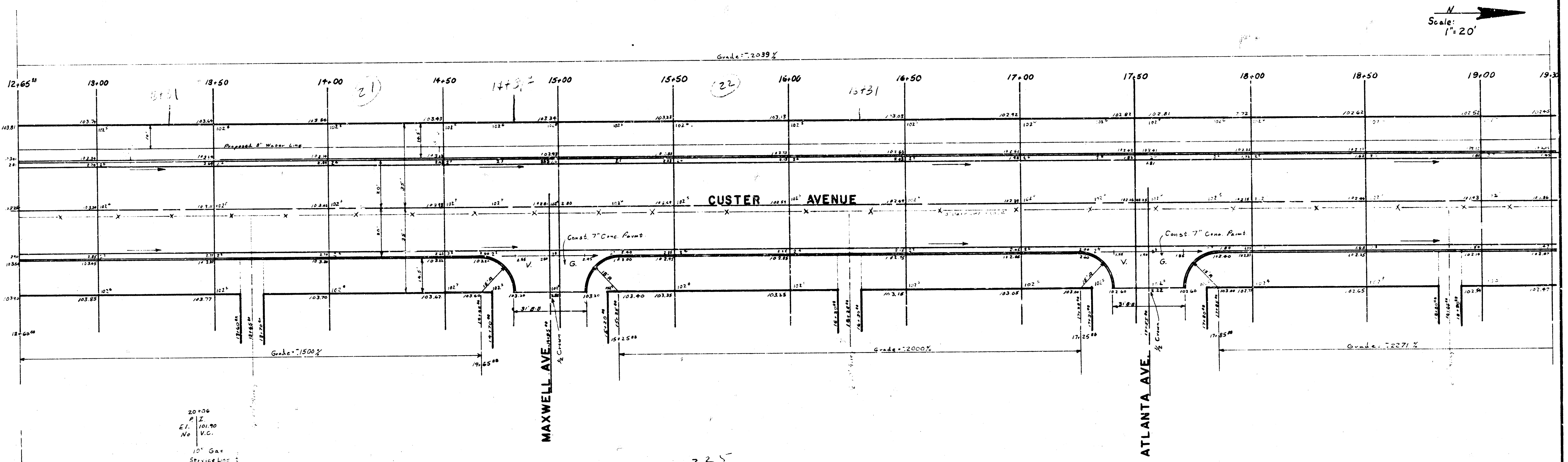
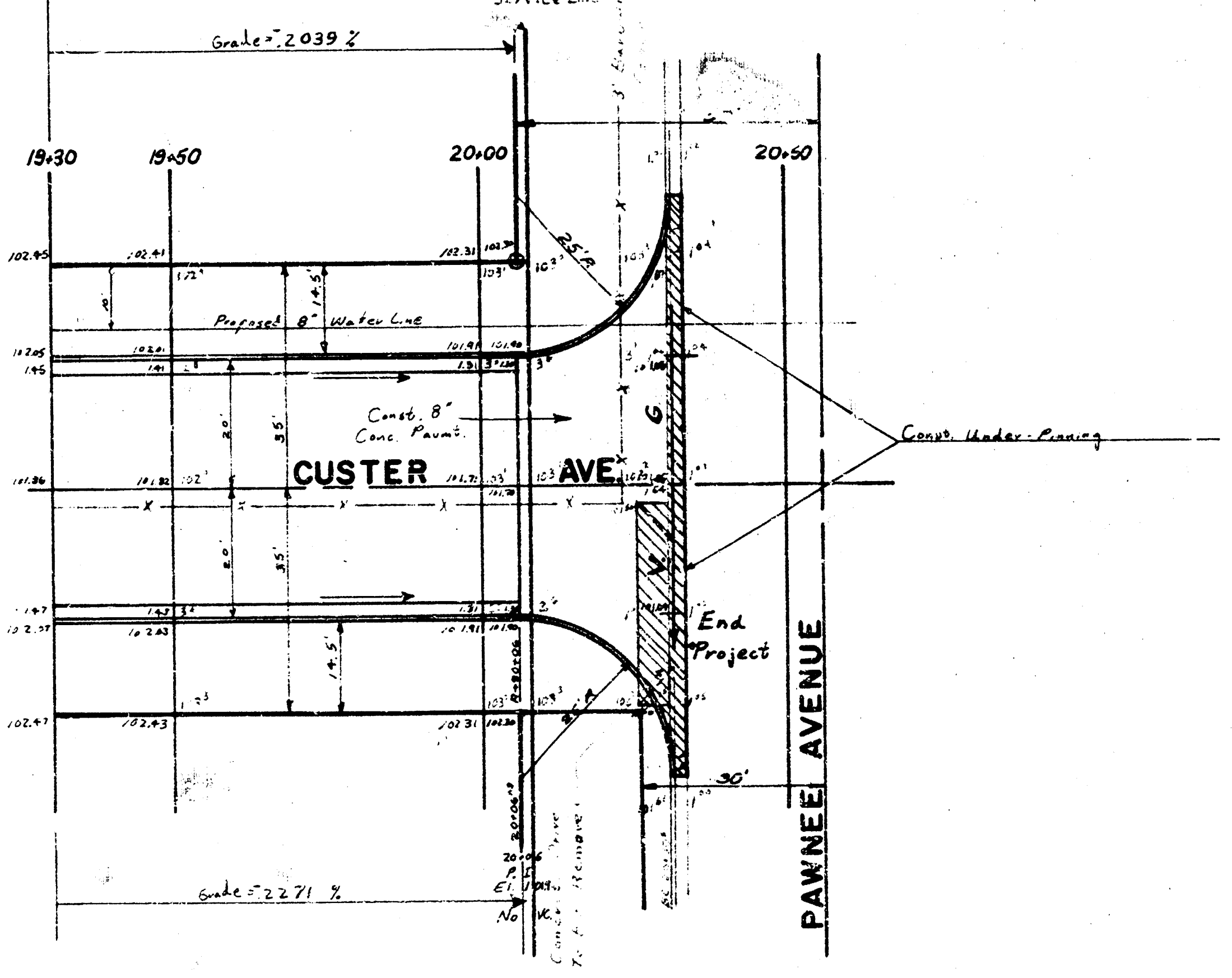
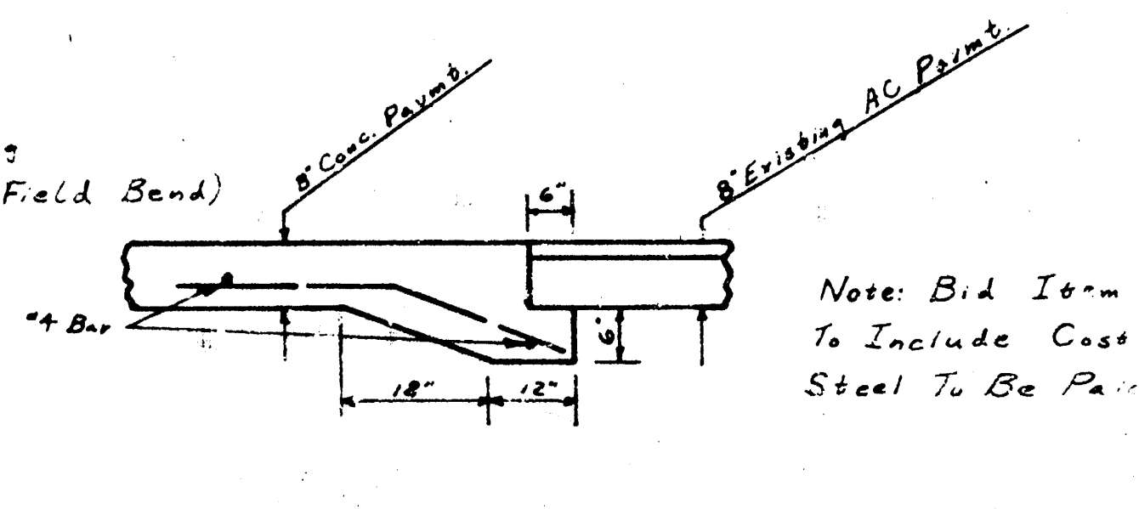

N
Scale: 1" = 20'
Grade = -.2039 %
12+65.88
13+00
13+50
14+00
14+50
15+00
15+50
16+00
16+50
17+00
17+50
18+00
18+50
19+00
19+30
13+31
(21)
14+31
(22)
15+31
Proposed 8" Water Line
CUSTER AVENUE
Const. 7" Conc. Pavmt.
V.
G.
15' R
31' 8.0
½ Crown
Grade = -.1500 %
14+65.88
15+25.88
Grade = -.2000 %
17+25.88
17+85.88
Grade = -.2271 %
MAXWELL AVE.
ATLANTA AVE.


20+06
P.I.
El. 101.90
No V.C.
10" Gas Service Line
Grade = -.2039 %
19+30
19+50
20+00
20+50
Proposed 8" Water Line
Const. 8" Conc. Pavmt.
CUSTER AVE.
25' R
G.
V.
Const. Under-Pinning
End Project
30'
Grade = -.2271 %
PAWNEE AVENUE

225
150
375


#4 Bars - 5' Long
At 3' Centers (Field Bend)
8" Conc. Pavmt.
8" Existing AC Pavmt.
6"
6"
#4 Bar
18"
12"

"UNDER-FINNING DETAIL"

Note: Bid Item For "L.F. Under Pinning" To Include Cost Of Concrete & Excavation. Steel To Be Paid As Lbs. Of Reinf. Steel.

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CUSTER
S.L. CASADO TO S.L. PAWNEE

PROJ. NO. DAKS573007