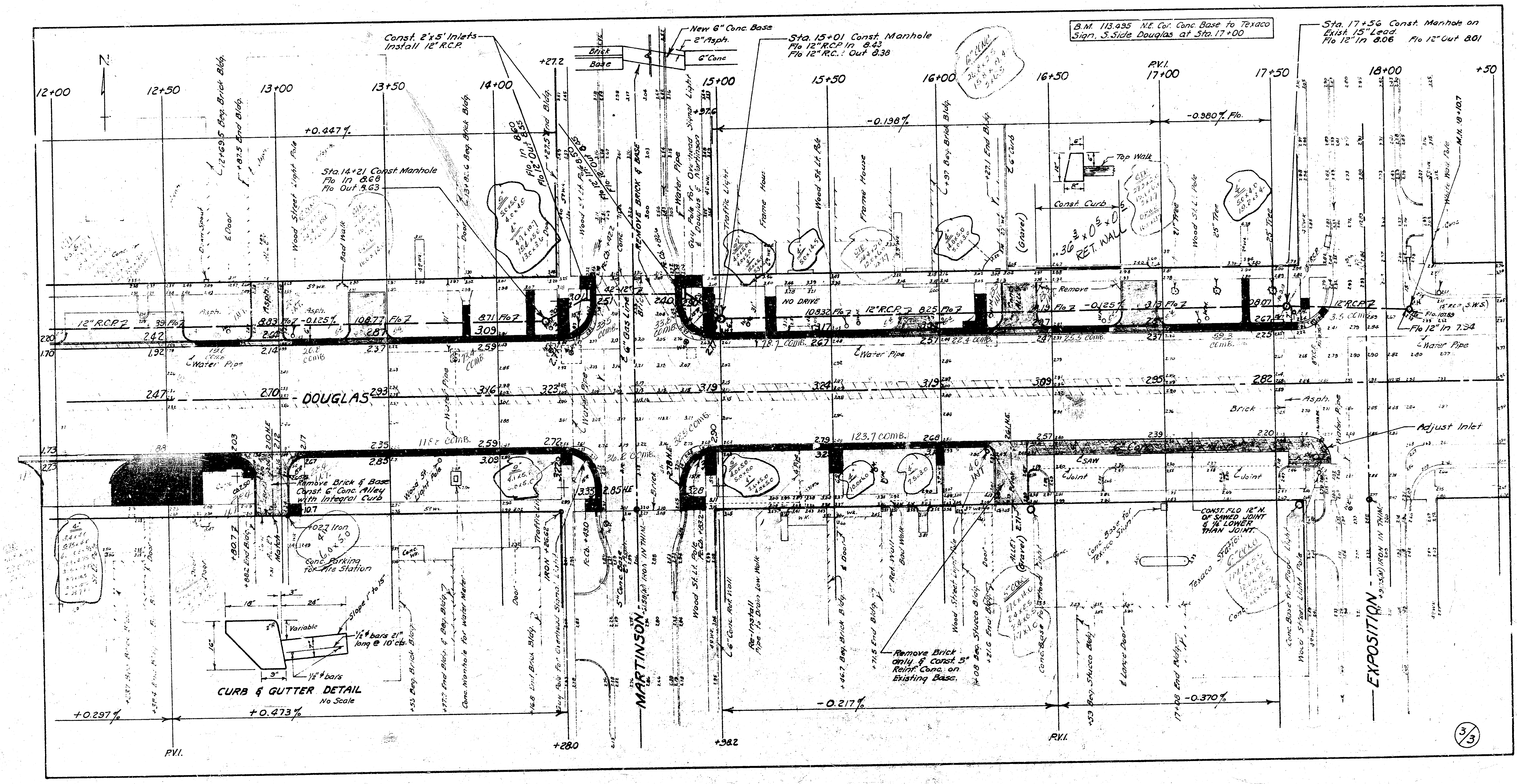
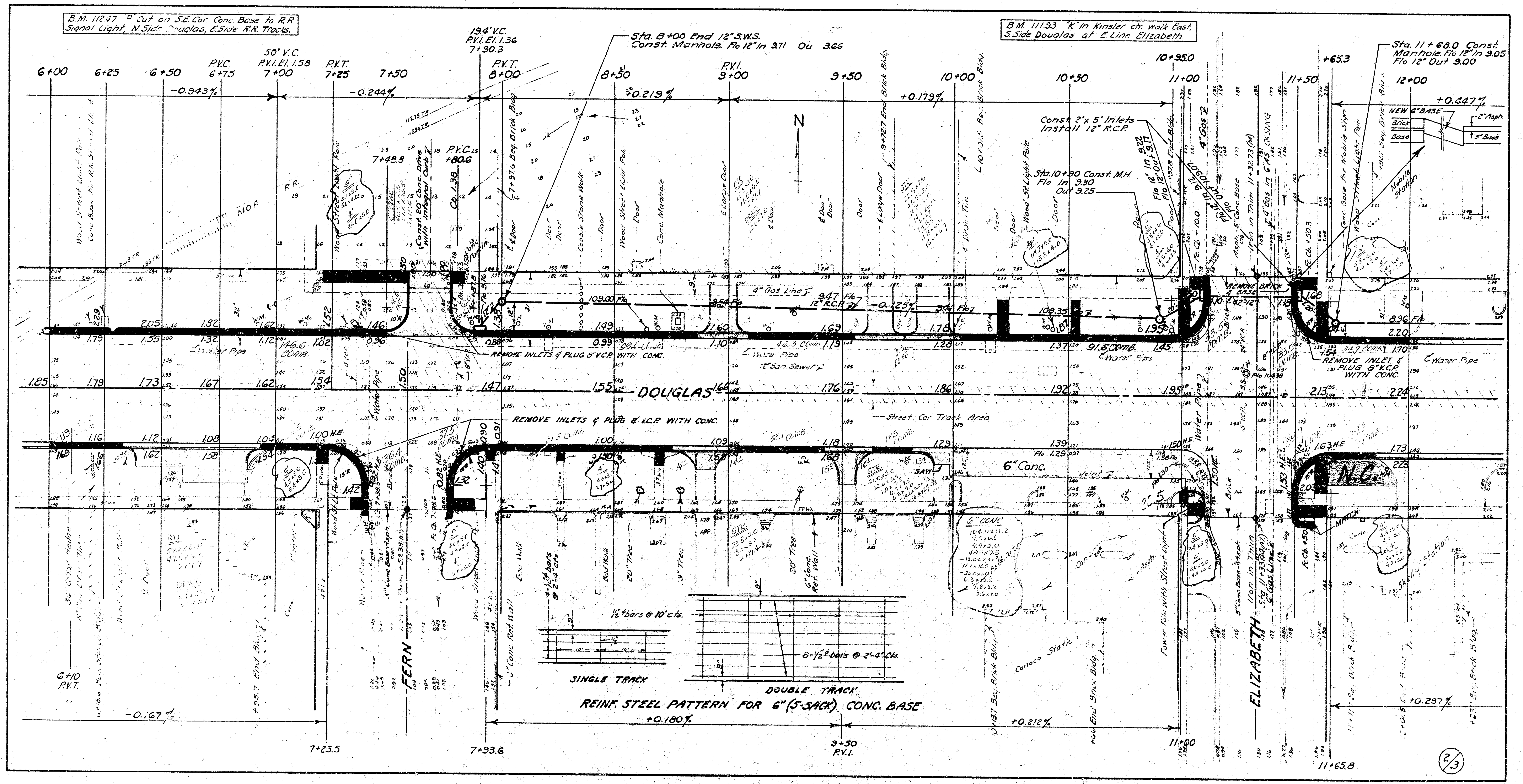
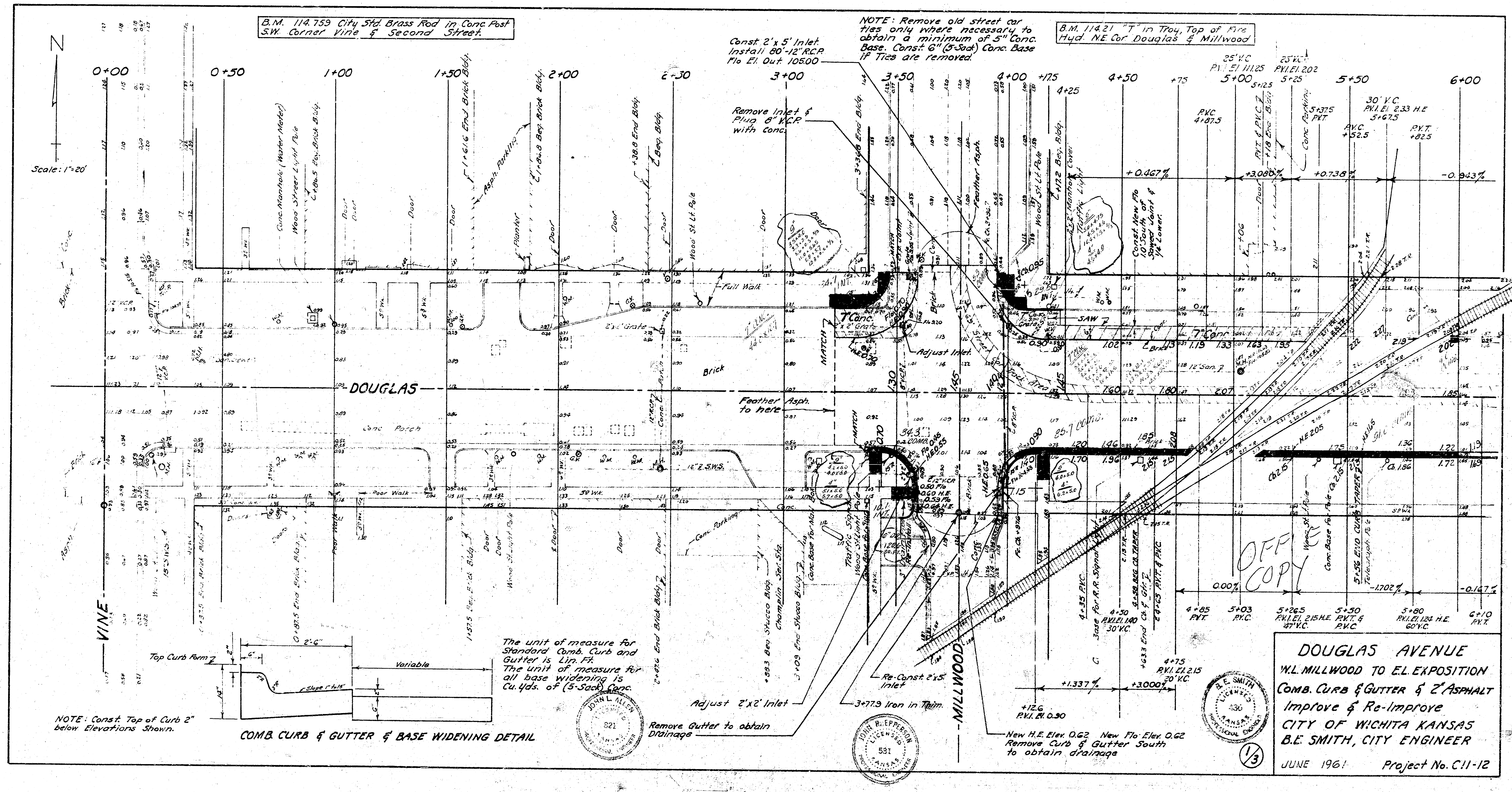

N
12+00
12+50
13+00
13+50
14+00
15+00
15+50
16+00
16+50
P.V.I.
17+00
17+50
18+00
+50
+27.2
+97.6
+0.447%
-0.198%
-0.980% Flo.
Const. 2'x5' Inlets
Install 12" R.C.P.
New 6" Conc. Base
2" Asph.
6" Conc
Brick
Base
Sta. 15+01 Const. Manhole
Flo 12" R.C.P. In 8.43
Flo 12" R.C.P. Out 8.38
B.M. 113.495 N.E. Cor. Conc. Base to Texaco Sign, S. Side Douglas at Sta. 17+00
Sta. 17+56 Const. Manhole on Exist. 15" Lead.
Flo 12" In 8.06 Flo 12" Out 8.01
Sta. 14+21 Const. Manhole
Flo In 8.68
Flo Out 8.63
+69.5 Beg. Brick Bldg.
+87.5 End Bldg.
Down Spout
℄ Door
Wood Street Light Pole
Bad Walk
+82.6 Beg. Brick Bldg.
Door
+27.5 End Bldg.
Wood St. Lt. Pole
REMOVE BRICK & BASE
℄ Water Pipe
Guy Pole for Overhead Signal Light ℄ Douglas & Martinson
Traffic Light
Frame House
Wood St. Lt. Pole
+97 Beg. Brick Bldg.
+27.1 End Bldg.
℄ 6" Curb
(Gravel)
Top Walk
Const. Curb
36⅔ x 0⁵ x 0⁵ RET. WALL
21" Tree
Wood St. Lt. Pole
25" Tree
25" Tree
White Wood Pole
M.H. 18+10.7
12" R.C.P.
Flo
NO DRIVE
Remove
-0.125%
12" R.C.P.
15" R.C.P. (S.W.S.)
Flo 12" In 7.34
℄ Water Pipe
DOUGLAS
Brick
Asph.
Water Pipe
Adjust Inlet
123.7 COMB.
Remove Brick & Base
Const. 6" Conc. Alley with Integral Curb
402.7 Iron
Conc. Parking for Fire Station
Wood St. Light Pole
Traffic Light
Fe.Cb. +43.0
5" Conc. Base
2" Asph.
MARTINSON
Wood St. Lt. Pole
Fe.Cb. +83.2
6" Conc. Ret. Wall
Re-Install Pipe to Drain Low Walk
+46.7 Beg. Brick Bldg.
℄ Door
+71.5 End Bldg.
6" Ret. Wall
Bad Walk
Wood Street Light Pole
+08 Beg. Stucco Bldg.
+21.6 End Bldg.
ALLEY (Gravel)
Conc. Base for Flood Light
Conc. Base for Texaco Sign
Texaco Station
CONST. FLO 12" N. OF SAWED JOINT & ¼" LOWER THAN JOINT
℄ SAW
℄ Joint
Conc. Base for Flood Light
Wood Street Light Pole
EXPOSITION
+9.75 (M) IRON IN THIM.
Remove Brick only & Const. 5" Reinf. Conc. on Existing Base.
+53 Beg. Stucco Bldg.
℄ Large Door
17+08 End Bldg.
+80.7 End Bldg.
Match
+53 Beg. Brick Bldg.
+77.7 End Bldg. & Beg. Bldg.
Conc. Manhole for Water Meter
Door
+16.8 End Brick Bldg.
Guy Pole for Overhead Signal Light
IRON +26.62
18"
3"
24"
2"R
Variable
Slope 1" to 15"
½"ϕ bars 21" long @ 10" cts.
½"ϕ bars
16"
9"
CURB & GUTTER DETAIL
No Scale
+0.297%
+0.473%
-0.217%
-0.370%
P.V.I.
P.V.I.
+28.0
+38.2
3/3


B.M. 112.47 "□" Cut on S.E. Cor. Conc. Base to R.R. Signal Light, N. Side Douglas, E. Side R.R. Tracks.
B.M. 111.93 "K" in Kinsler ctr. walk East, S. Side Douglas at E. Line Elizabeth.
19.4' V.C. P.V.I. El. 1.36 7+90.3
50' V.C. P.V.I. El. 1.58
Sta. 8+00 End 12" S.W.S. Const. Manhole. Flo 12" In 9.71 Ou 9.66
Sta. 11+68.0 Const. Manhole. Flo 12" In 9.05 Flo 12" Out 9.00
6+00
6+25
6+50
P.V.C. 6+75
7+00
P.V.T. 7+25
7+50
P.V.T. 8+00
8+50
P.V.I. 9+00
9+50
10+00
10+50
10+95.0
11+00
+65.3
11+50
12+00
-0.943%
-0.244%
+0.219%
+0.179%
+0.447%
N
NEW 6" BASE
Brick
Base
2" Asph.
5" Base
Const. 2'x 5' Inlets Install 12" R.C.P.
Sta. 10+90 Const. M.H. Flo In 9.30 Out 9.25
Const. 20' Conc. Drive with Integral Curb
P.V.C. +80.6
7+48.8
Mobile Station
REMOVE INLETS & PLUG 8" V.C.P. WITH CONC.
REMOVE INLETS & PLUG 8" V.C.P. WITH CONC.
REMOVE INLET & PLUG 8" V.C.P. WITH CONC.
REMOVE BRICK & BASE
4" Gas Line
12" R.C.P.
Water Pipe
12" San. Sewer
DOUGLAS
Street Car Track Area
6" Conc.
N.C.
Conoco Station
FERN
ELIZABETH
1/2" bars @ 10" cts.
8-1/2" bars @ 2'-4" Cts.
SINGLE TRACK
DOUBLE TRACK
REINF. STEEL PATTERN FOR 6" (5-SACK) CONC. BASE
6+10 P.V.T.
-0.167%
+0.180%
+0.212%
+0.297%
7+23.5
7+93.6
9+50 P.V.I.
11+00
11+65.8
2/3

Survey J.F.G. Bk 63
Plan J.L.A.
Exc
Checked

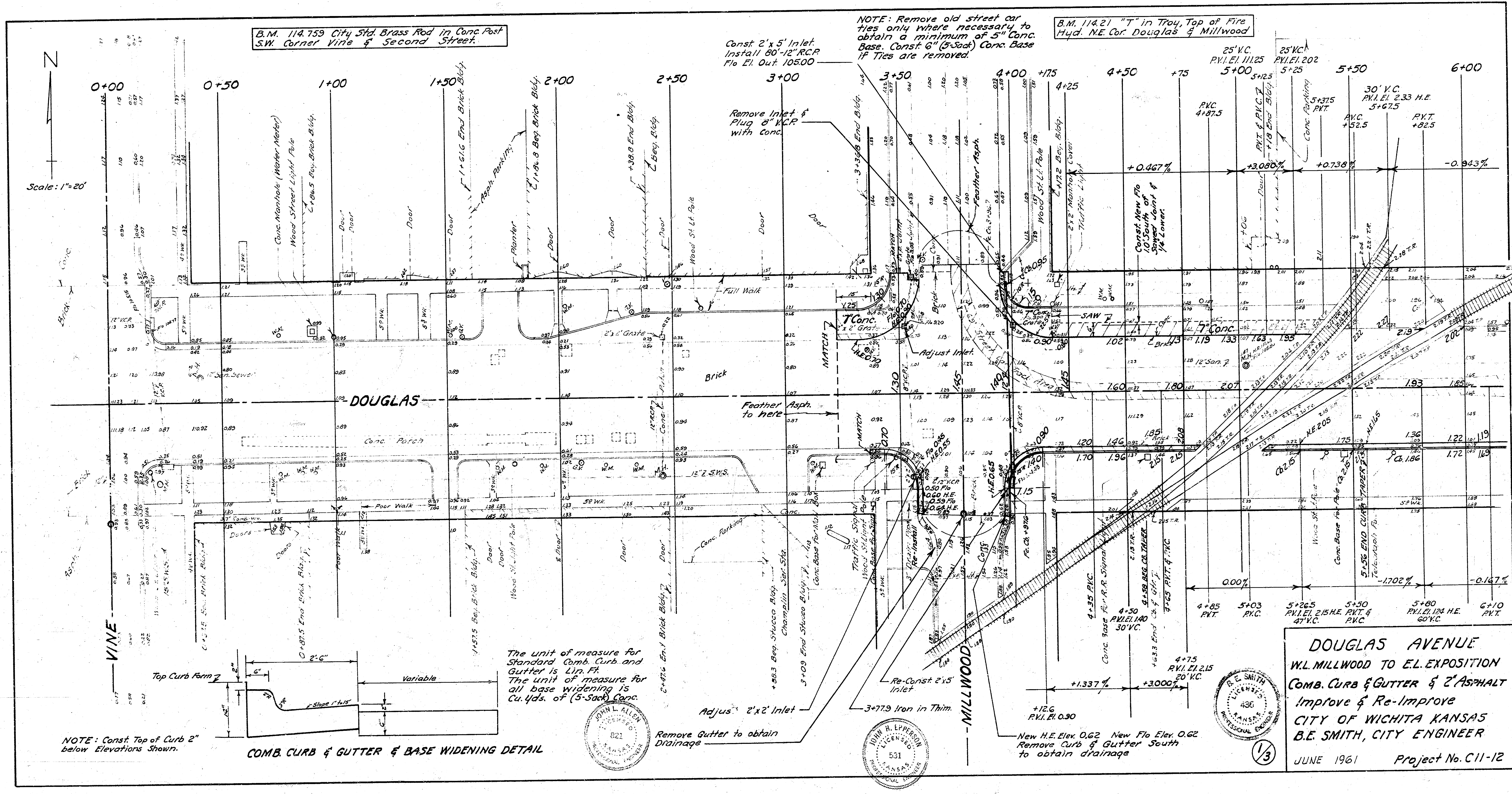

N
Scale: 1"=20'
B.M. 114.759 City Std. Brass Rod in Conc. Post S.W. Corner Vine & Second Street.
B.M. 114.21 "T" in Troy, Top of Fire Hyd. N.E. Cor. Douglas & Millwood
NOTE: Remove old street car ties only where necessary to obtain a minimum of 5" Conc. Base. Const. 6" (5-Sack) Conc. Base if Ties are removed.
Const. 2'x 5' Inlet. Install 80'-12" R.C.P. Flo El. Out 105.00
Remove Inlet & Plug 8" V.C.P. with Conc.
0+00
0+50
1+00
1+50
2+00
2+50
3+00
3+50
4+00
+17.5
4+25
4+50
+75
5+00
5+25
5+50
6+00
VINE
DOUGLAS
MILLWOOD
Brick
Feather Asph. to here
Adjust Inlet
7" Conc.
Full Walk
Poor Walk
Conc. Parking
Traffic Signal
+0.467%
+3.080%
+0.738%
-0.943%
0.00%
-1.702%
-0.167%
+1.337%
+3.000%
4+85 P.V.T.
5+03 P.V.C.
5+26.5 P.V.I. El. 2.15 H.E. 47' V.C.
5+50 P.V.T. & P.V.C.
5+80 P.V.I. El. 1.24 H.E. 60' V.C.
6+10 P.V.T.
4+50 P.V.I. El. 1.40 30' V.C.
4+75 P.V.I. El. 2.15 30' V.C.
+12.6 P.V.I. El. 0.90
Top Curb Form
2'-6"
6"
2"
14"
Variable
Slope 1" to 15"
6"
NOTE: Const. Top of Curb 2" below Elevations Shown.
COMB. CURB & GUTTER & BASE WIDENING DETAIL
The unit of measure for Standard Comb. Curb and Gutter is Lin. Ft. The unit of measure for all base widening is Cu. Yds. of (5-Sack) Conc.
Adjust 2'x2' Inlet
Remove Gutter to obtain Drainage
Re-Const. 2'x5' Inlet
3+77.9 Iron in Thim.
New H.E. Elev. 0.62 New Flo Elev. 0.62 Remove Curb & Gutter South to obtain drainage
OFFICE COPY
JOHN L. ALLEN 821
JOHN H. EPPERSON 531
B.E. SMITH 436

DOUGLAS AVENUE
W.L. MILLWOOD TO E.L. EXPOSITION
COMB. CURB & GUTTER & 2" ASPHALT
Improve & Re-Improve
CITY OF WICHITA KANSAS
B.E. SMITH, CITY ENGINEER

JUNE 1961 Project No. C11-12

1/3

Survey J.F.G. Bk 63
Plan J.L.A.
Exc.
Checked


N
Scale: 1"=20'
0+00
0+50
1+00
1+50
2+00
2+50
3+00
3+50
4+00
+17.5
4+25
4+50
+75
5+00
5+50
6+00
DOUGLAS
VINE
MILLWOOD
Conc. Manhole (Water Meter)
Wood Street Light Pole
0+86.5 Beg. Brick Bldg.
1+61.6 End Brick Bldg.
Asph. Parking
1+86.8 Beg. Brick Bldg.
Planter
Door
+38.0 End Bldg.
Beg. Bldg.
Wood St. Lt. Pole
Full Walk
Brick
Conc. Patch
Poor Walk
Conc. Parking
3+35.8 End Bldg.
Feather Asph.
Feather Asph. to here
MATCH
7' Conc.
Adjust Inlet
SAW
12" San.
15" S.W.S.
+1.72 Beg. Bldg.
2' Manhole Cover
Traffic Light
Const. New Flo 10' South of Sewer Joint & 1/4 Lower.
P.V.C. 4+87.5
P.V.T. & P.V.C. +1.8 End Bldg.
Conc. Parking
+0.467%
+3.080%
+0.738%
-0.943%
25' V.C. P.V.I. El. 111.25
25' V.C. P.V.I. El. 2.02 5+25
5+12.5
5+37.5 P.V.T.
P.V.C. +52.5
30' V.C. P.V.I. El. 2.33 H.E. 5+67.5
P.V.T. +82.5
0+37.5 Beg. Brick Bldg.
0+87.5 End Brick Bldg.
1+57.5 Beg. Brick Bldg.
Wood St. Light Pole
2+47.6 End Brick Bldg.
+88.3 Beg. Stucco Bldg.
Champlin Ser. Sta.
3+09 End Stucco Bldg.
Conc. Base Parking
Traffic Signal
Wood St. Light
4+35 P.V.C.
Conc. Base for R.R. Signal
4+50 P.V.I. El. 1.40 30' V.C.
4+58 Beg. Cb. & Gtr.
+63.3 End Cb. & Gtr.
4+65 P.V.T. & P.V.C.
4+75 P.V.I. El. 2.15 20' V.C.
+12.6 P.V.I. El. 0.90
+1.337%
+3.000%
0.00%
4+85 P.V.T.
5+03 P.V.C.
5+26.5 P.V.I. El. 2.15 H.E. 47' V.C.
5+50 P.V.T. & P.V.C.
5+56 End Curb Taper
5+80 P.V.I. El. 1.24 H.E. 60' V.C.
6+10 P.V.T.
-1.702%
-0.167%
Top Curb Form
2'-6"
6"
2"
2"R
3"R
Slope 1" to 15'
15"
Variable
2"
6"

B.M. 114.759 City Std. Brass Rod in Conc. Post S.W. Corner Vine & Second Street.

NOTE: Remove old street car ties only where necessary to obtain a minimum of 5" Conc. Base. Const. 6" (5-Sack) Conc. Base if Ties are removed.

B.M. 114.21 "T" in Troy, Top of Fire Hyd. N.E. Cor. Douglas & Millwood

Const. 2'x 5' Inlet. Install 80'-12" R.C.P. Flo El. Out. 105.00

Remove Inlet & Plug 8" V.C.P. with Conc.

Adjust 2'x2' Inlet

Remove Gutter to obtain Drainage

Re-Const. 2'x5' Inlet

3+77.9 Iron in Thim.

New H.E. Elev. 0.62 New Flo Elev. 0.62 Remove Curb & Gutter South to obtain drainage

The unit of measure for Standard Comb. Curb and Gutter is Lin. Ft.
The unit of measure for all base widening is Cu. Yds. of (5-Sack) Conc.

NOTE: Const. Top of Curb 2" below Elevations Shown.

COMB. CURB & GUTTER & BASE WIDENING DETAIL

JOHN L. ALLEN 821

JOHN H. EPPERSON 531

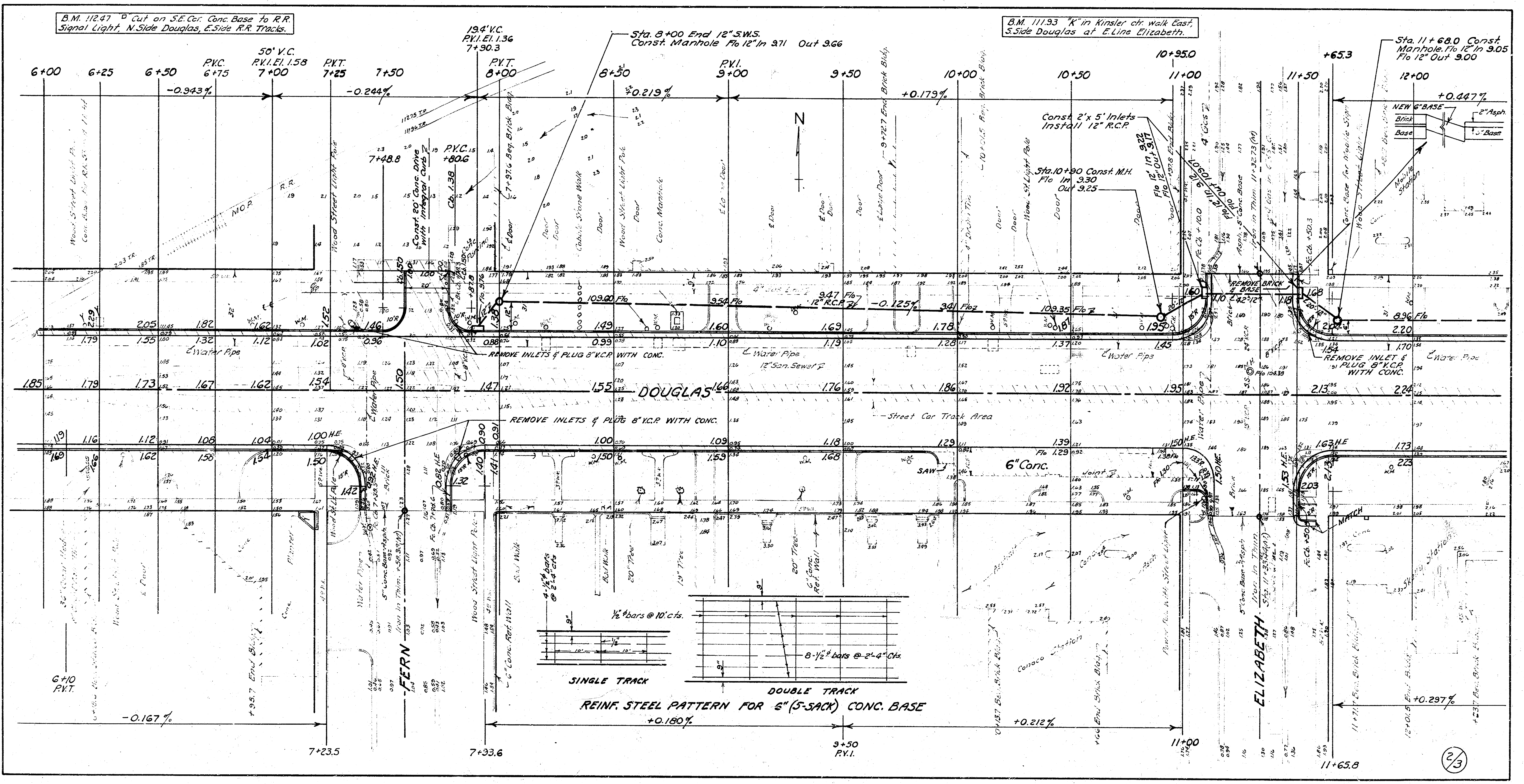
B.E. SMITH 436

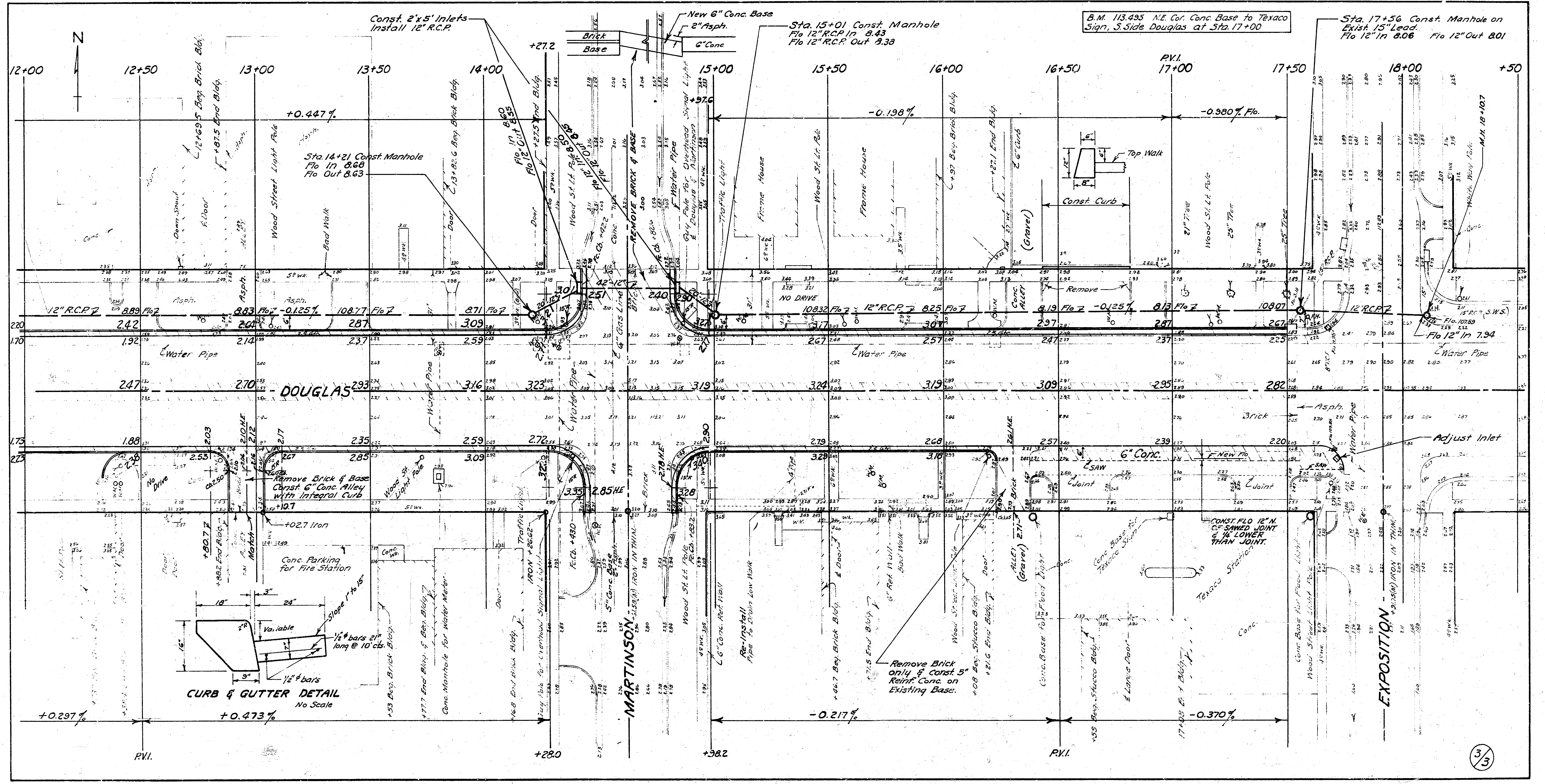
DOUGLAS AVENUE

W.L. MILLWOOD TO E.L. EXPOSITION
COMB. CURB & GUTTER & 2" ASPHALT
Improve & Re-Improve
CITY OF WICHITA KANSAS
B.E. SMITH, CITY ENGINEER

JUNE 1961 Project No. C11-12

1/3


B.M. 112.47 □ Cut on S.E. Cor. Conc. Base to R.R. Signal Light, N. Side Douglas, E. Side R.R. Tracks.
B.M. 111.93 "K" in Kinsler ctr. walk East, S. Side Douglas at E. Line Elizabeth.
19.4' V.C. P.V.I. El. 1.36 7+90.3
Sta. 8+00 End 12" S.W.S. Const. Manhole Flo 12" In 9.71 Out 9.66
Sta. 11+68.0 Const. Manhole. Flo 12" In 9.05 Flo 12" Out 9.00
50' V.C. P.V.I. El. 1.58
6+00
6+25
6+50
P.V.C. 6+75
7+00
P.Y.T. 7+25
7+50
P.Y.T. 8+00
8+50
P.V.I. 9+00
9+50
10+00
10+50
10+95.0
11+00
+65.3
11+50
12+00
-0.943%
-0.244%
+0.219%
+0.179%
+0.447%
7+48.8
P.V.C. +80.6
20' Conc. Drive Integral Curb
Cb. 1.38
7+97.6 Beg. Brick Bldg.
112.75 T.R.
112.96 T.R.
R.R.
M.O.P.
N
9+72.7 End Brick Bldg.
10+91.5 Beg. Brick Bldg.
Const. 2'x 5' Inlets Install 12" R.C.P.
Sta. 10+90 Const. M.H. Flo In 9.30 Out 9.25
Flo 12" In 9.22 Flo 12" Out 9.17
4" Gas
NEW 6" BASE
Brick
Base
2" Asph.
5" Base
Mobile Station
REMOVE BRICK & BASE
REMOVE INLETS & PLUG 8" V.C.P. WITH CONC.
REMOVE INLETS & PLUG 6" V.C.P. WITH CONC.
REMOVE INLET & PLUG 8" V.C.P. WITH CONC.
12" R.C.P.
-0.125%
109.60 Flo
9.47 Flo
9.54 Flo
9.41 Flo
109.35 Flo
8.96 Flo
℄ Water Pipe
12" San. Sewer ℄
DOUGLAS
Street Car Track Area
6" Conc.
SAW
MATCH
FERN
ELIZABETH
Conoco Station
Water Pipe
Wood Street Light Pole
Conc. Manhole
SINGLE TRACK
DOUBLE TRACK
½" ⌀ bars @ 10" c/cs.
4-½" ⌀ bars @ 2'-4" c/cs.
8-½" ⌀ bars @ 2'-4" c/cs.
REINF. STEEL PATTERN FOR 6" (5-SACK) CONC. BASE
6+10 P.V.T.
-0.167%
+0.180%
+0.212%
+0.297%
7+23.5
7+93.6
9+50 P.V.I.
11+00
11+65.8
2/3


Const. 2'x5' Inlets
Install 12" R.C.P.
New 6" Conc. Base
2" Asph.
Brick
Base
6" Conc
Sta. 15+01 Const. Manhole
Flo 12" R.C.P. In 8.43
Flo 12" R.C.P. Out 8.38
B.M. 113.495 N.E. Cor. Conc. Base to Texaco Sign, S. Side Douglas at Sta. 17+00
Sta. 17+56 Const. Manhole on Exist. 15" Lead.
Flo 12" In 8.06 Flo 12" Out 8.01
N
12+00
12+50
13+00
13+50
14+00
+27.2
15+00
15+50
16+00
16+50
P.V.I.
17+00
17+50
18+00
+50
+0.447 %
+97.6
-0.198 %
-0.980 % Flo.
Sta. 14+21 Const. Manhole
Flo In 8.68
Flo Out 8.63
Flo In 8.60
Flo 12" Out 8.55
Flo 12" Out 8.50
Flo 12" In 8.45
+12+69.5 Beg. Brick Bldg.
+87.5 End Bldg.
Down Spout
Door
Wood Street Light Pole
Bad Walk
+13+82.6 Beg. Brick Bldg.
+27.5 End Bldg.
Wood St. Lt. Pole
Fc. Cb. +42.2
Conc.
REMOVE BRICK & BASE
Fc. Cb. +86.6
Water Pipe
Guy Pole for Overhead Signal Light & Douglas & Martinson
Traffic Light
Frame House
Wood St. Lt. Pole
Frame House
+97 Beg. Brick Bldg.
+27.1 End Bldg.
6" Curb
(Gravel)
Top Walk
Const. Curb
6"
12"
8"
21" Tree
Wood St. Lt. Pole
25" Tree
25" Tree
M.H. 18+10.7
White Way Pole
12" R.C.P.
8.89 Flo
8.83 Flo
-0.125 %
108.77 Flo
8.71 Flo
42'-12"
20'-12"
15'R.
NO DRIVE
10832 Flo
12" R.C.P.
8.25 Flo
Conc. ALLEY
Remove
8.19 Flo
-0.125 %
8.13 Flo
108.07
F.H.
12" R.C.P.
15" R.C.P. (S.W.S.)
M.H.
Flo. 107.89
Flo 12" In 7.94
Water Pipe
6" Gas Line
Water Pipe
Water Pipe
DOUGLAS
Asph.
Brick
Water Pipe
Adjust Inlet
No Drive
Remove Brick & Base
Const. 6" Conc. Alley with Integral Curb
+10.7
+02.7 Iron
+80.7
+88.2 End Bldg.
Match
Wood St. Light Pole
Conc. Parking for Fire Station
Traffic Light
IRON +26.62
Fc. Cb. +43.0
5" Conc. Base
2" Asph.
3.35
2.85 H.E.
Brick
2.78 H.E.
3.28
Wood St. Lt. Pole
Fc. Cb. +83.2
6" Conc. Ret. Wall
Re-Install Pipe to Drain Low Walk
6" Conc.
New Flo
SAW
Joint
Joint
SAW
CONST. FLO 12" N. OF SAWED JOINT & 1/4" LOWER THAN JOINT.
2.61 H.E.
ALLEY (Gravel)
Brick
Conc. Base for Texaco Sign
Texaco Station
Conc.
Conc. Base for Flood Light
Wood Street Light Pole
+53 Beg. Brick Bldg.
+77.7 End Bldg. & Beg. Bldg.
Conc. Manhole for Water Meter
Door
+16.8 End Brick Bldg.
Guy Pole for Overhead Signal Light
MARTINSON
+31.53(N) IRON IN THIN.
+46.7 Beg. Brick Bldg.
Door
+71.5 End Bldg.
6" Ret. Wall
Bad Walk
Wood Street Light Pole
+08 Beg. Stucco Bldg.
+21.6 End Bldg.
Remove Brick only & Const. 5" Reinf. Conc. on Existing Base.
+59 Beg. Stucco Bldg.
Large Door
17+08 End Bldg.
EXPOSITION
+91.75(N) IRON IN THIN.
18"
3"
24"
Slope 1" to 15"
2"R
Variable
16"
1/2" ϕ bars 21" long @ 10" cts.
1/2" ϕ bars
9"
CURB & GUTTER DETAIL
No Scale
+0.297 %
+0.473 %
-0.217 %
-0.370 %
P.V.I.
+28.0
+98.2
P.V.I.
3/3