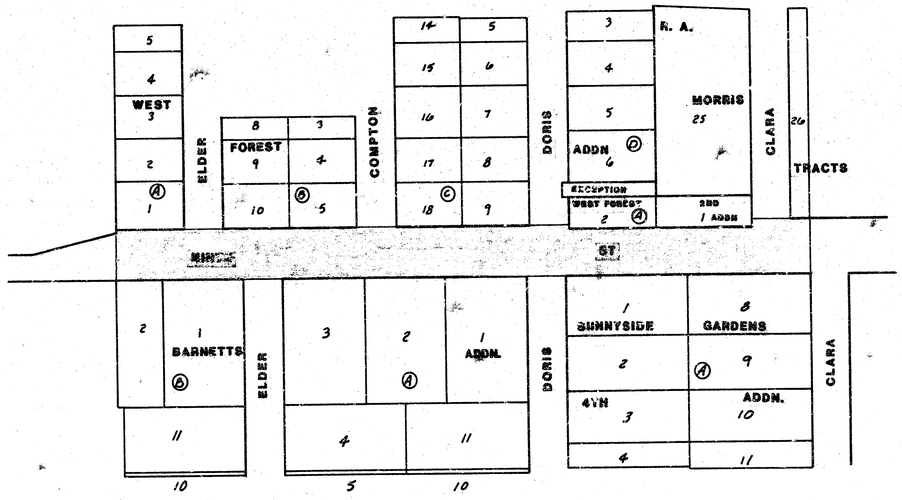
NINTH ST.

W. L. LT. 1, BLK. A, WEST FOREST ADDN. TO THE

E. L. LT. 8, BLK A, SUNNYSIDE GARDENS 4Th ADDN.

PROJ. NO. 472 76 245 81156 000 000 001



4,915 S.Y. Manipulation

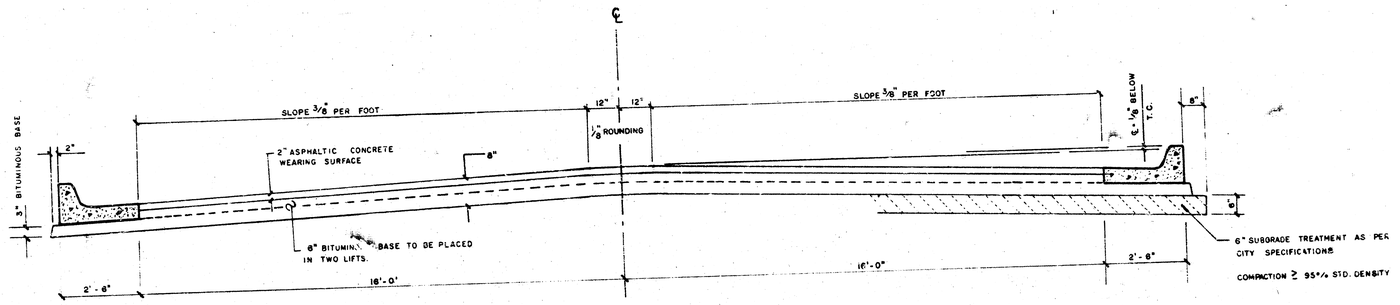
STEPHEN B. LACKEY
LICENSED
7714
KANSAS
PROFESSIONAL ENGINEER

PROJECT DESCRIPTION		
PROJECT NUMBER		
BOOK NO. MG 21	APPROVED BY	DATE 5-12-82
DRAWN BY Klag		REVISED
CITY OF WICHITA DEPARTMENT OF ENGINEERING		
DIRECTOR OF ENG./CITY ENGINEER R. W. BRUGGEMAN		SCALE 1"=20'

1/7 1/7

NINTH ST.

STA 0+00 TO STA. 9+00



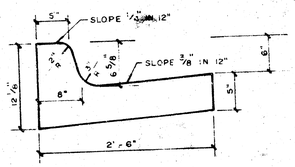
TYPICAL SECTION

37' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

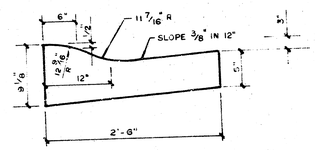
A TACK COAT OF EMULSIFIED ASPH (SS-1H or CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

THE A.C. PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 8" A.C. PAVEMENT (6" BITUMINOUS BASE).
THE BITUMINOUS BASE UNDER THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 3" BITUMINOUS BASE.

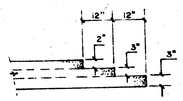
COMBINED CURB & GUTTER



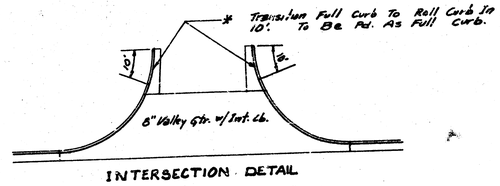
ROLL TYPE CURB & GUTTER



DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF A.C. PAVEMENT.



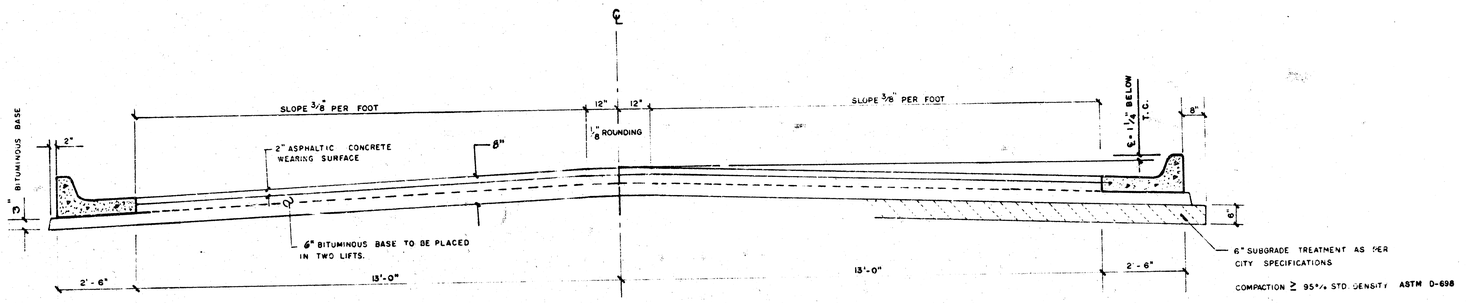
INTERSECTION DETAIL

CITY OF WICHITA, KANSAS

472 76 245 81156 000 000 001

NINTH ST.

STA. 9+87.2 TO STA. 10+77.7



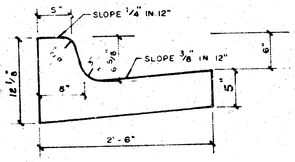
TYPICAL SECTION

31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

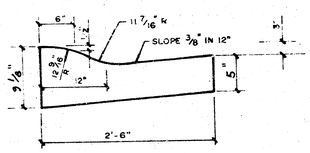
A TACK COAT OF EMULSIFIED ASPH (SS-1H or CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

THE A.C. PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 6" A.C. PAVEMENT (6" BITUMINOUS BASE).
THE BITUMINOUS BASE UNDER THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 3" BITUMINOUS BASE.

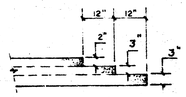
COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF A.C. PAVEMENT.

CITY OF WICHITA, KANSAS

472 76 245 81156 000 000 001

3/7

BM = 126.29 ~ City Std. Disc. 34' E. & 42' S. Of E's Hoover & Ninth.
BM = 124.64 ~ City Std. Disc. 33' W. & 42' S. Of E's Anna & Ninth.
BM = 126.15 ~ RR Spk. W. Fc. PP SE Cor. Ninth & Elder.

* ~ Transition Full Curb To Roll Curb In Last 10' Of Radius. See Detail Sh. No. 2.
Ⓗ ~ Indicates Wheelchair Ramp Const.

Note: Trees To Be Removed Are Marked Thus: Except That Any Tree Which In The Opinion Of The Engineer Can Be Saved, Shall Be Spared.

SUB-GRADE

TYPE OF SUB-GRADE 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.

N E S W

SCALE: 1"=20'

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING PROPERTY IRONS. THE WATER METER SHALL BE ADJUSTED TO FINISH GRADE AS SPECIFICATIONS WORK [illegible] ENGINEER'S INSTRUCTIONS. [illegible] ENGINEER'S ACCEPTANCE. (CITY ENGINEER'S ACCEPTANCE MUST BE OBTAINED FROM CITY ENGINEERING DEPARTMENT)

Intersection Quantities
106.7 S.Y. 8" Asph. Conc. Pvmt. (6" Bit. Base)
26.0 L.F. Comb. Cb. & Gtr.
11.3 S.Y. 3" Bituminous Base
103.8 S.Y. V.G. 6" Conc. & 2" Asph. Conc. Base
223.9 S.Y. Manipulation
38.2 L.F. Integral Curb
2.8 Ton Lime Or Cement

Intersection Quantities
106.7 S.Y. 8" Asph. Conc. Pvmt. (6" Bit. Base)
26.0 L.F. Comb. Cb. & Gtr.
11.3 S.Y. 3" Bituminous Base
39.2 L.F. Integral Curb
103.8 S.Y. V.G. 6" Conc. & 2" Asph. Conc. Base
223.9 S.Y. Manipulation
2.8 Ton Lime Or Cement

P I
80' V.C.
Elev. = 126.40

0-20 | 0+00 | 0+50 | 0+89.74 | 1+05.03 | 1+65.24 | 1+79.73 | 2+26.71 | 2+72.50 | 3+00 | 3+59.81 | 4+35.11 | 4+49.82 | 5+00 | 5+50

-0.1823%
+0.4' Wk. Gr.

ELDER ST.

-0.1666%
+0.4' Wk. Gr. (Match Exist. Wk.)

COMPTON ST.

-0.1650%
+0.3' Wk. Gr. (Match Exist. Wk.)

Const. 4' Conc. Walk
Const. 8" Valley Gutter w/ Int. Cb.
Saw & Match
Const. Comb Cb & Gtr.
Const. 8" Asph. Conc. Pvmt. (6" Bit. Base)
Match
8" Waterline
Begin Pvmt. Sta. 0+00
Grade roadway (See Extension)
NINTH ST.
62.78' N. of W. Ln. Lot 1, Blk. A, Emmitts Addition
Note: Grade to match & drain. Cost to be incidental to proj.
ELDER ST.
+0.4' Wk. Gr.
-0.2464%
+0.4' Wk. Gr.
-0.1124%
+0.9' Wk. Gr.

P I
80' V.C.
Elev. = 126.10

1+35.81 | 1+82.89 | 1+97.82 | 2+57.61 | 2+72.80 | 0+00 | 4+05.88

Intersection Quantities
217.8 S.Y. 8" Asph. Conc. Pvmt. (6" Bit. Base)
14.3 S.Y. 3" Bituminous Base
48.2 L.F. Comb. Cb. & Gtr.
234.8 S.Y. Manipulation
2.8 Ton Lime Or Cement

Grade to drain and match. Const. roadway at Road Gravel. (8" Min.)
NINTH ST.
Note: Pavement marking and traffic control Devices by City of Wichita Traffic Maint. Dept.
Match
6" Fill Between Roadway & Property Line
FLORA
175'

"X" SECTION	EXCAVATION	COMP. FILL
	2,305.9 C.Y.	3.3 C.Y.
10 %	230.6 C.Y.	0.3 C.Y.
TOTAL	2,536.5 C.Y.	3.6 C.Y.

PROJECT DESCRIPTION
NINTH ST.
472 76 245 81156 000 000 001
PROJECT NUMBER

4/9

Intersection Quantities
106.7 S.Y. 8" Asph. Conc. Pvmt. (6" Bit. Base)
26.0 L.F. Comb. Cb. & Gtr.
11.3 S.Y. 3" Bituminous Base
38.2 L.F. Integral Curb
103.5 S.Y. V.G. 6" Conc. & 2" Asph. Conc. Base
227.5 S.Y. Manipulation
Ton Lime Or Cement

N
W E
S

SCALE: 1"=20'

Intersection Quantities
84.7 S.Y. 8" Asph. conc. Pvmt. (6" Bit. Base)
84.7 S.Y. Manipulation
1.1 Ton Lime Or Cement

5+50 6+00 6+31.60 6+45.17 6+75.36 7+05.29 7+20 7+50 8+00 8+50 9+00 9+50 9+87.20 9+90.36 10+50.14

-0.1250%
+0.3' Wk. Gr.
-0.1200%
+0.7' Wk. Gr.

DORIS ST.
CLARA ST.
NINTH ST.

Const. 8" Valley Gutter w/ Int. Cb.
Const. 8" Asph. Conc. Pvmt. (6" Bit. Base)
Const. 8" Valley Gtr. w/ Int. Curb
Const. Comb. Cb. & Gtr.
Const. 4' Conc. Wk.
Begin Taper
End Taper
8" Waterline
End Pvmt. Sta. 10+77.1
Proposed Pvmt.
30' F.F.
4' Walkway

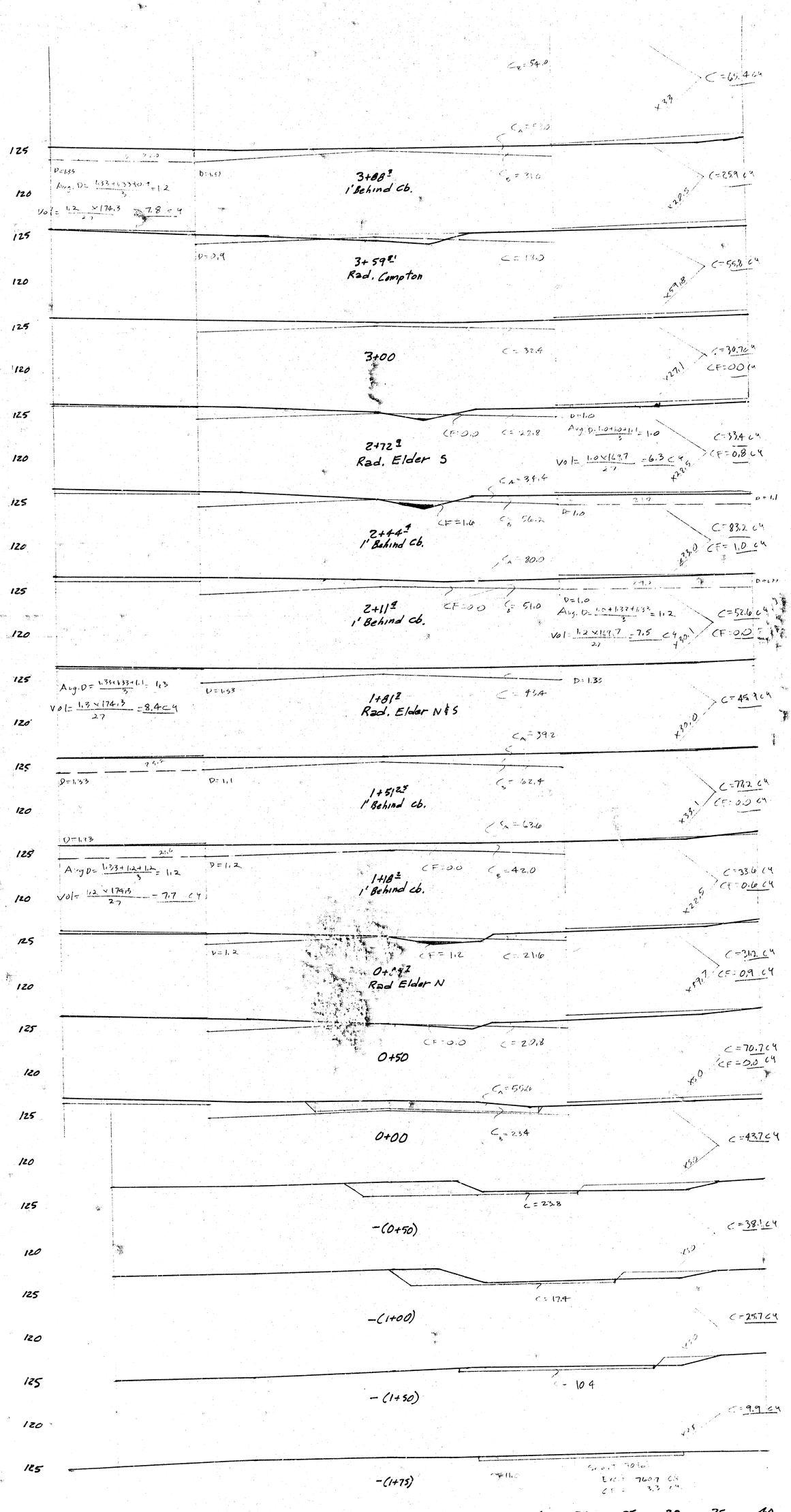
+0.9' Wk. Gr.
-0.1124%
+1.0' Wk. Gr.
-0.1165%

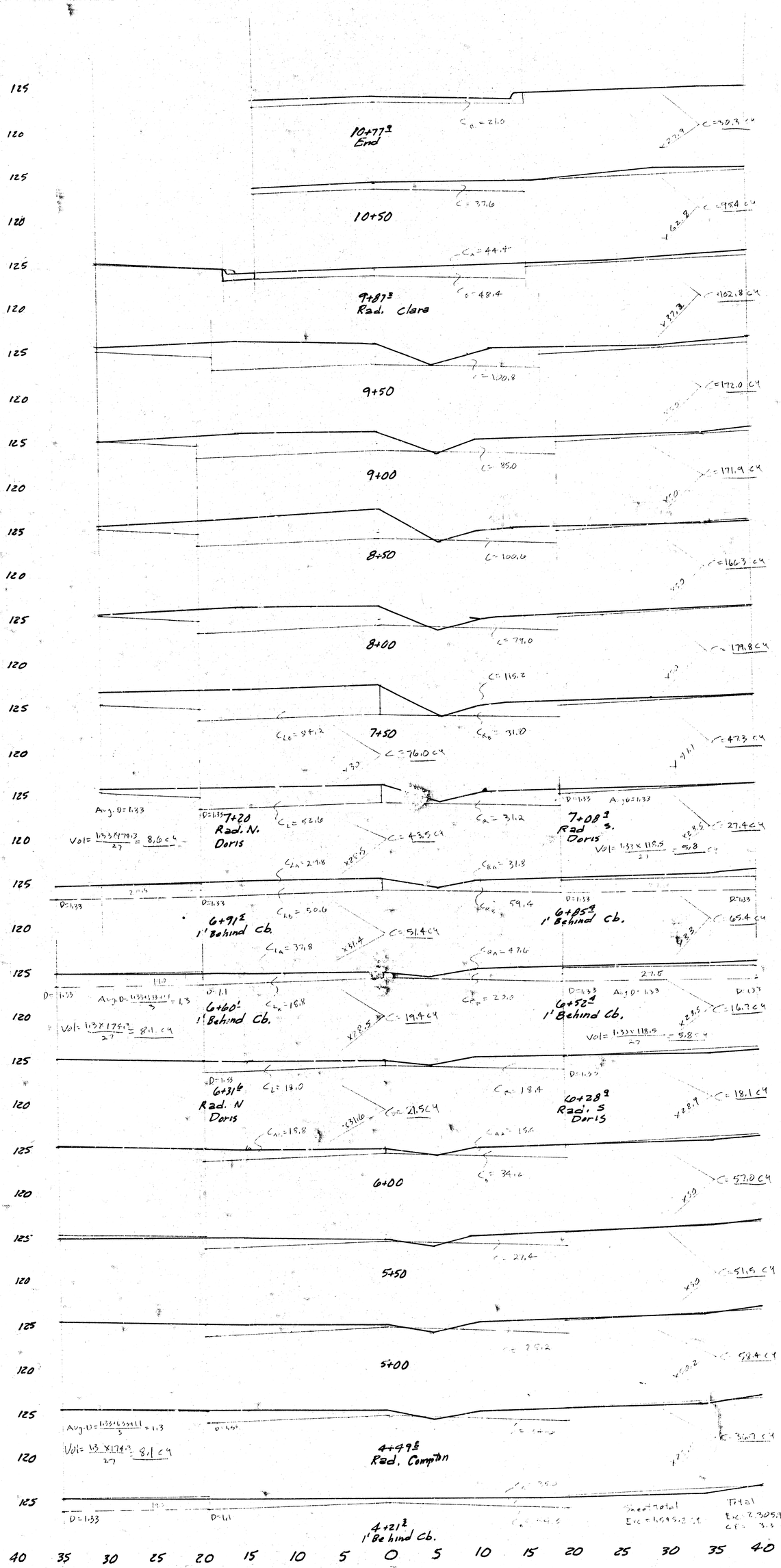
6+28.90 6+38.81 6+69.79 6+98.82 7+08.89 10+21.04 10+50 10+77.87

Intersection Quantities
106.7 S.Y. 8" Asph. Conc. Pvmt. (6" Bit. Base)
52.5 L.F. Integral Curb
114.9 S.Y. 8" V.G. 6" Conc. & 2" Asph. Conc. Base
227.5 S.Y. Manipulation
2.8 Ton Lime Or Cement

PROJECT DESCRIPTION
NINTH ST.
472 76 245 811 000 000 001
PROJECT NUMBER

5/17


NINTH ST.
4+12 to 2+95 @ 150' OFF 000 001
3+88 1' Behind Cb.
3+59 Rad. Compton
3+00
2+72 Rad. Elder S
2+44 1' Behind Cb.
2+11 1' Behind Cb.
1+81 Rad. Elder N & S
1+51 1' Behind cb.
1+18 1' Behind cb.
0+87 Rad Elder N
0+50
0+00
-(0+50)
-(1+00)
-(1+50)
-(1+75)
125
120
40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40



NINTH ST.
432 to 255 @ 1150.000.001

1/2

1/2