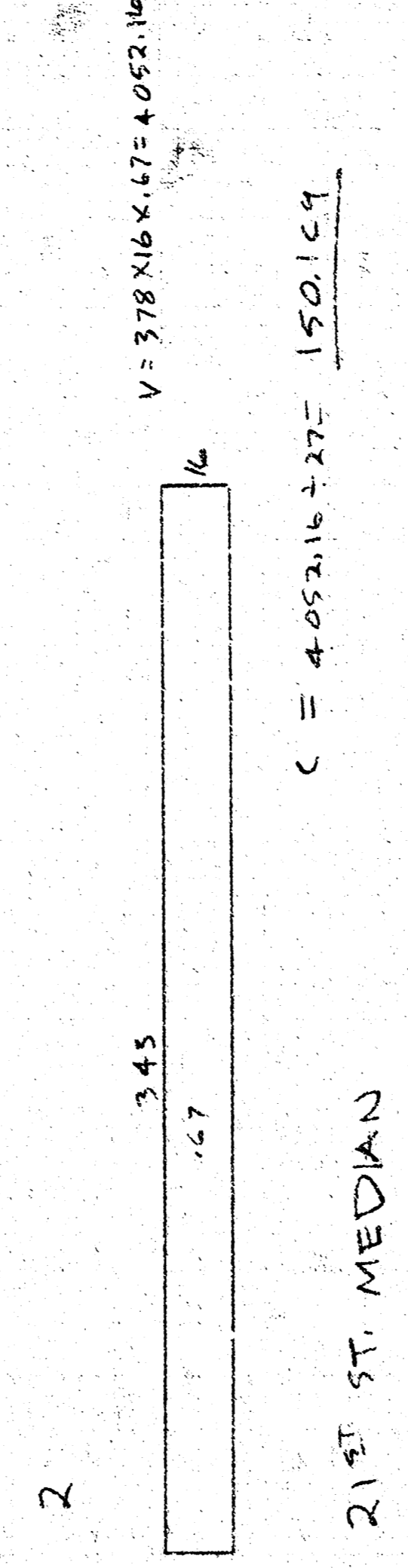
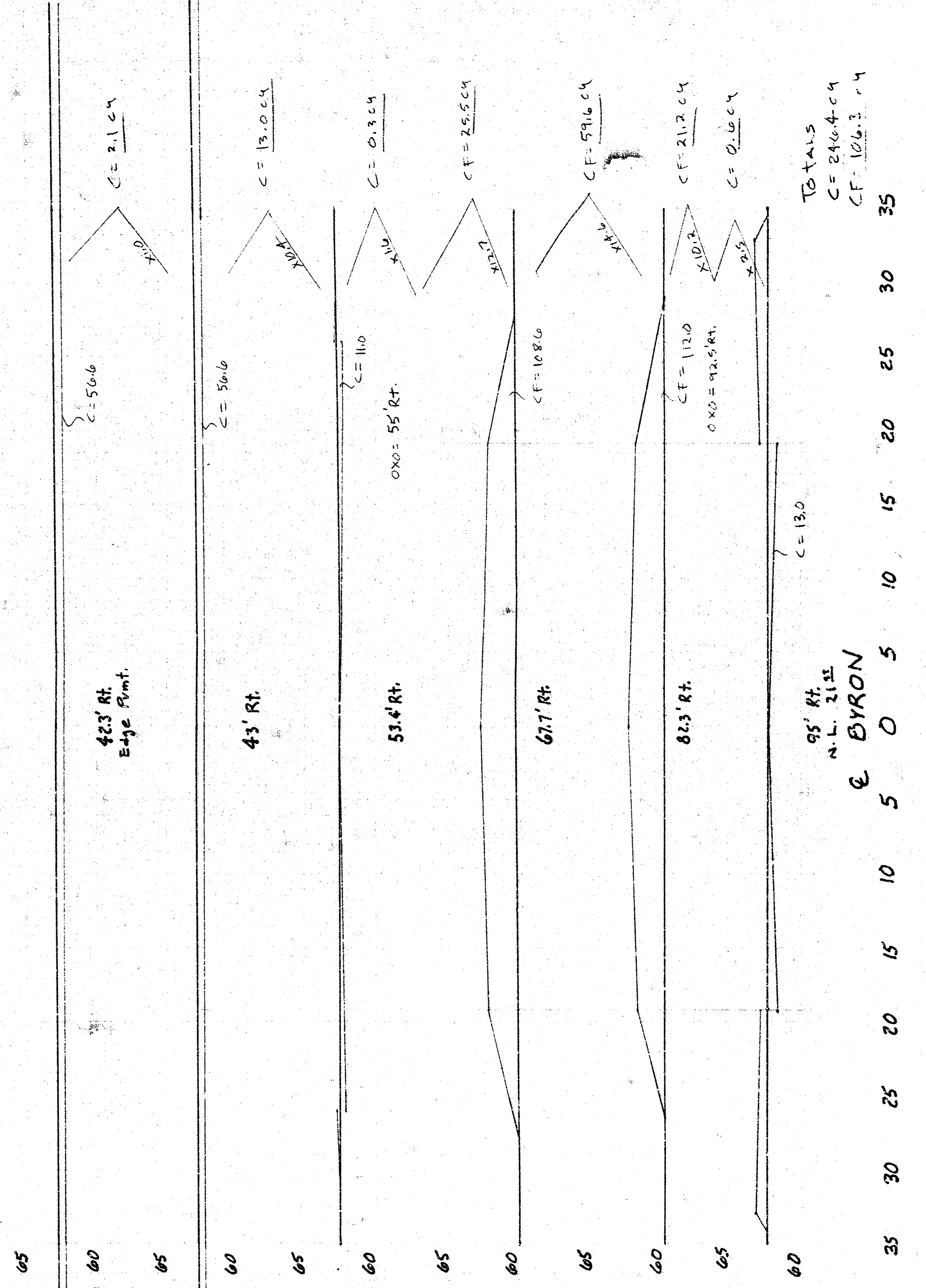


20 15 10 5 0 5 10 15 20  
DRIVE ENTRANCE REMOVAL



$C = 4.05216 \times 27 = 150.1 c4$

$V = 378 \times 16 \times 17 = 4052.16$



LEFT TURN LANE & CONC. MEDIAN  
CURB ON 21ST ST. N.

472 76 245 80973 000 000 001 3/3

TOTALS  
C = 246.6 c4  
CF = 106.3 c4

35 30 25 20 15 10 5 0 5 10 15 20 25 30 35  
95' Rt.  
N.L. 21.5E  
E BYRON

14 3 4 4



**EARTHWORK**

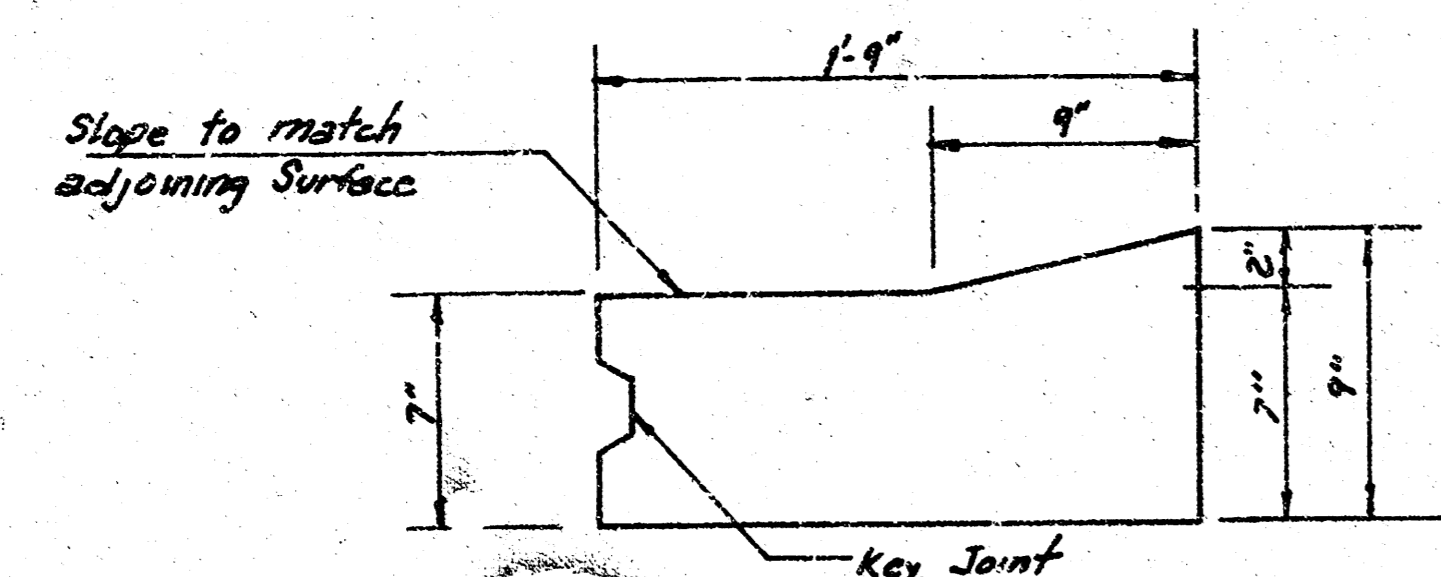
	EXCAVATION	COMP FILL	
X-SECTION	246.4 C.Y.	106.3 C.Y.	
10%	24.6 C.Y.	10.6 C.Y.	
TOTAL	271.0 C.Y.	116.9 C.Y.	1,377 sq. Manipulation

$\Delta = 97.56^\circ R = 411.33' T = 35.26' L = 70.34' LC = 70.26'$

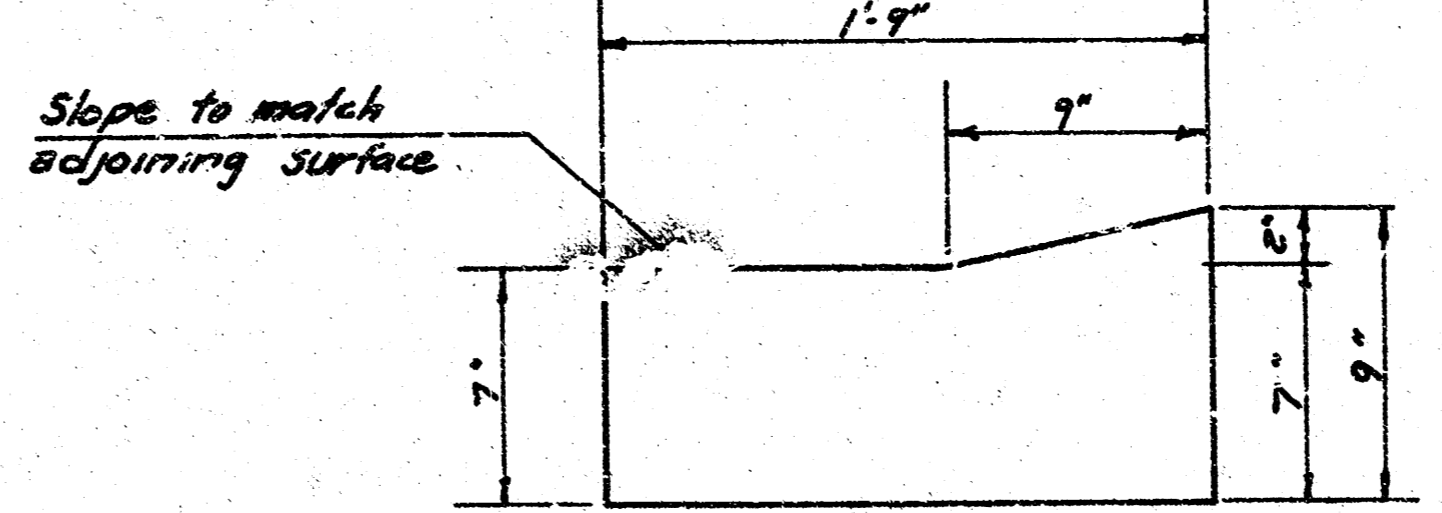
Reverse Curve Data Based On P.C. Curb  $\Delta = 97.56^\circ$

Sta. (P)	Arc	Chord Length 1:5' of R. Bk. of Ch.	Deflection	Total Deflection
3+80 P.C.				0°00'00"
4+02	14.07'	14.14'	0°58'48"	0°58'48"
4+20	"	"	"	1°57'36"
4+44	"	"	"	3°55'11"
4+58 P.T.C.	14.07'	14.14'	0°58'48"	4°53'59"
4+78	"	"	"	5°52'47"
5+00	"	"	"	6°51'35"
5+20	"	"	"	7°50'23"
5+40	"	"	"	8°49'11"
5+58 P.T.	14.07'	14.00'	0°58'48"	9°47'59"

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING PROPERTY FROM THE CONSTRUCTION SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY FROM WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH WORKS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

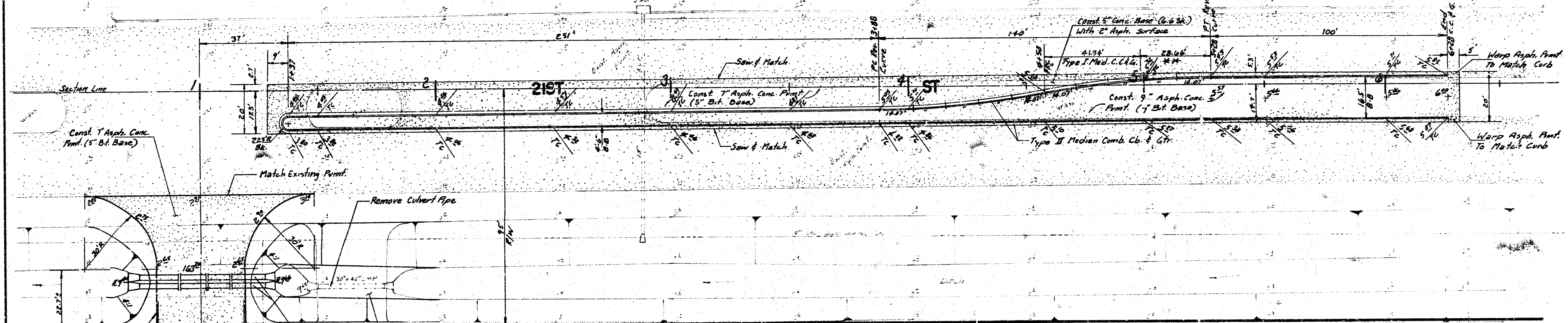


**MEDIAN COMB. CURB & GUTTER**



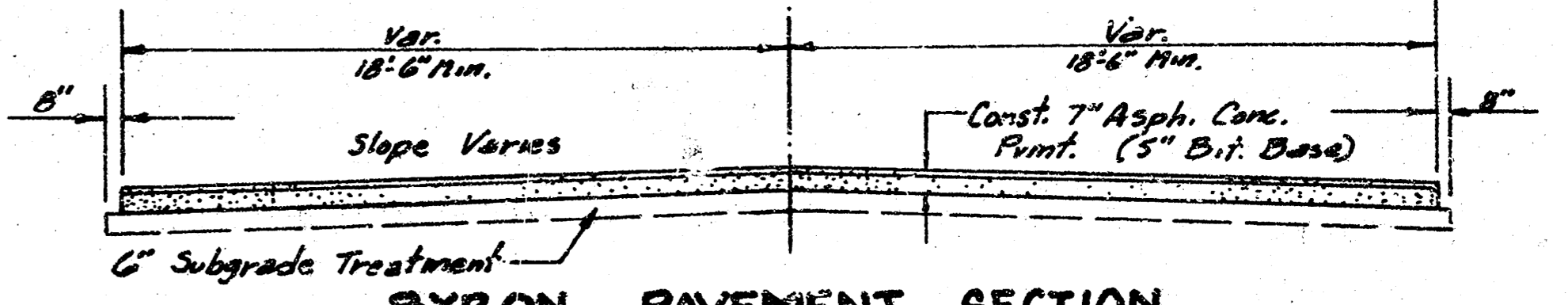
**TYPE II MEDIAN COMB. CURB & GUTTER**

\*\*Widen Cb. & Gtr. To 2'-9" In 2016. To Be Paid As L.P. Type II C.C.G.



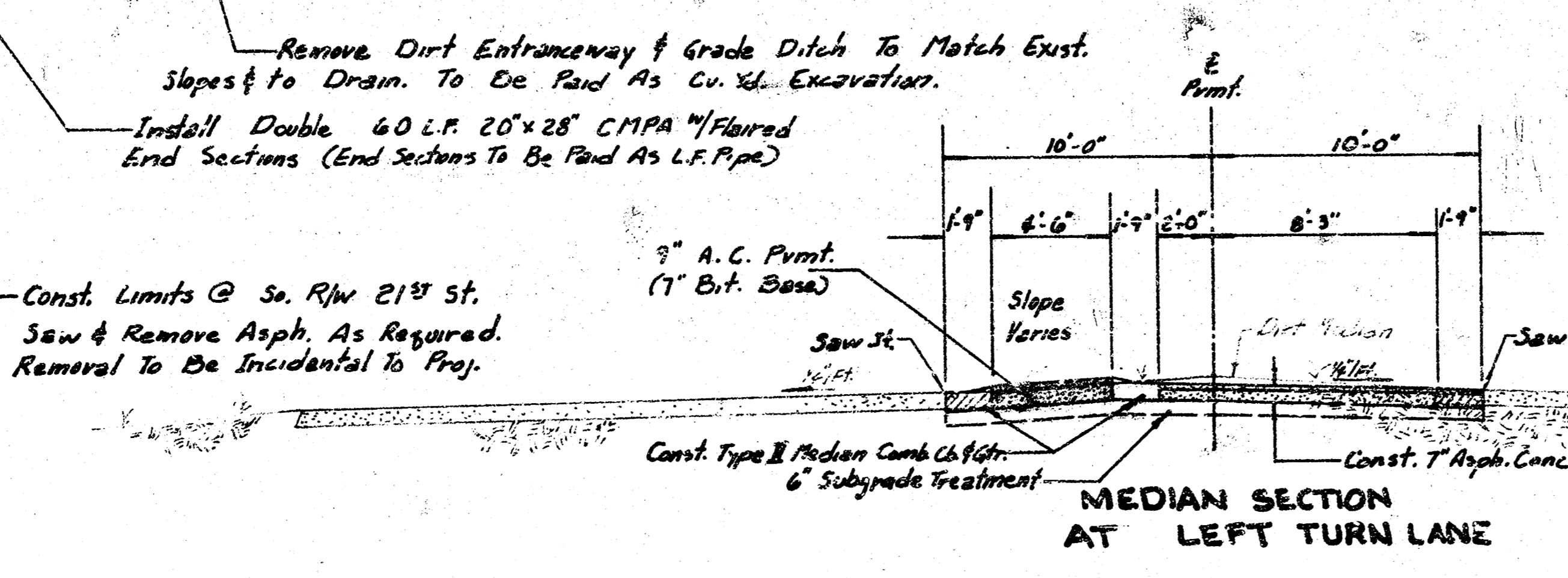
Reverse Curve Data

R = 411.33'
$\Delta = 97.56^\circ$
L = 70.34'
Ch = 70.26'
T = 35.26'



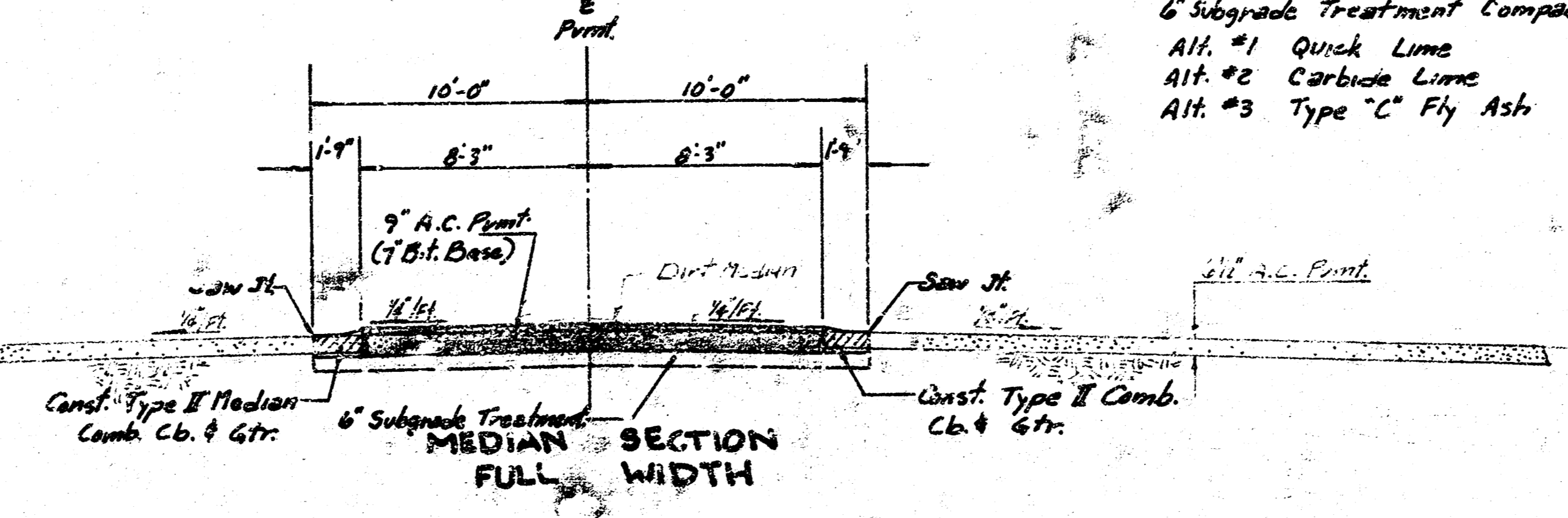
**BYRON PAVEMENT SECTION**

A tack coat of emulsified asphalt (SS-1H or CSS-1H) shall be applied at an approximate rate of 0.05 Gal. per sq. yd. between lifts of asphalt materials when ordered by the Engineer. Tack coat will not be paid directly and shall be considered as subsidiary to price bid for asphalt pvmnt. Bit. course base and asphalt conc. wearing surface shall be placed with a laydown machine having automatic controls for crown & grade. Construction joints in each lift shall be staggered a min. distance of 1'.

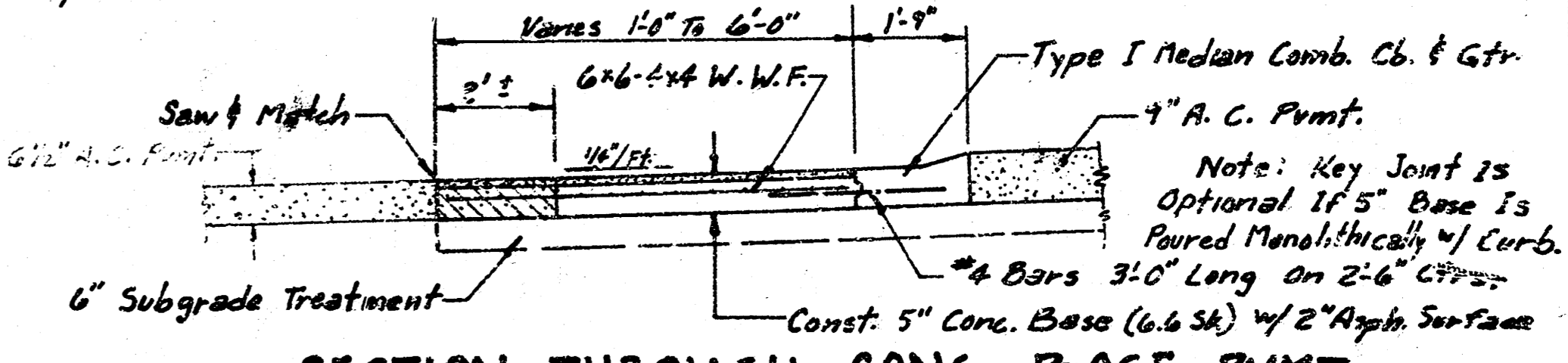


**MEDIAN SECTION AT LEFT TURN LANE**

Note: Bituminous Base to Be Placed in Two Lifts.  
 6" Subgrade Treatment Compaction  $\geq 95\%$  Std. Density ASTM D-678  
 Alt. #1 Quick Lime  
 Alt. #2 Carbide Lime  
 Alt. #3 Type "C" Fly Ash



**MEDIAN SECTION FULL WIDTH**



**SECTION THROUGH CONC. BASE PVMNT.**

PROJECT DESCRIPTION

**LEFT TURN LANE & CONC. MEDIAN CURB ON 21ST ST. No.**

PROJECT NUMBER: 472 76 245 80973 000 000 001

DATE: 2/3

