

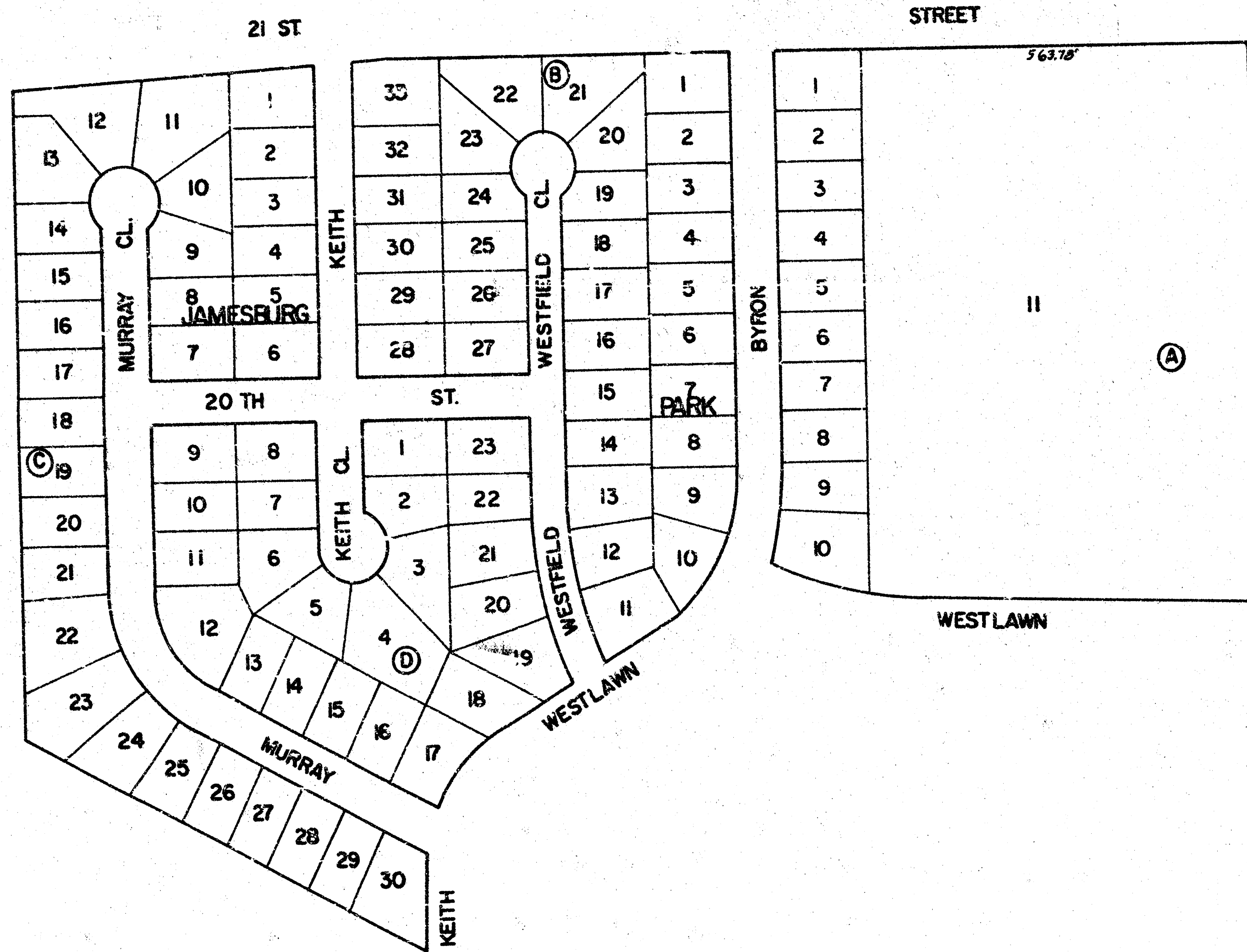
LEFT TURN LANE & CONC. MEDIAN
CURB ON 21ST ST. No. 1
E. L. BYRON TO 500FT. EAST OF E. L. BYRON
(JAMESBURG PARK)

NM 162.24 RE SPK. SW FC. PP NE COR 21ST ST. AND
 MAIZE ROAD.
 NM 163.54 " " CUT CER. SOUTH HAZARD RD ON 21ST
 ST 100' WEST OF MAIZE RD.
 NM 150.75 RE SPK. S. FC. HLP 80' N. OF 21ST ST.
 AT SIVILLE.
 NM 169.95 CITY STD. 90' AND 80' W. OF CENTRALINE
 21ST AND TYLER.
 NM 156.22 RE SPK. S. FC. 70' N. OF CENTRALINE
 21ST ST. ON 1/4 COR. PERCS CENTRALINE
 HODGSON LINDING NORTH.
 NM 163.35 RE SPK. S. FC. CEDAR SLOPED ROW OF CEDARS
 EAST N. SIDE 21ST ST. 1/4 MILE WEST OF
 TYLER BEING 3RD COR. EAST 65' N. OF
 CENTRALINE 21ST ST.

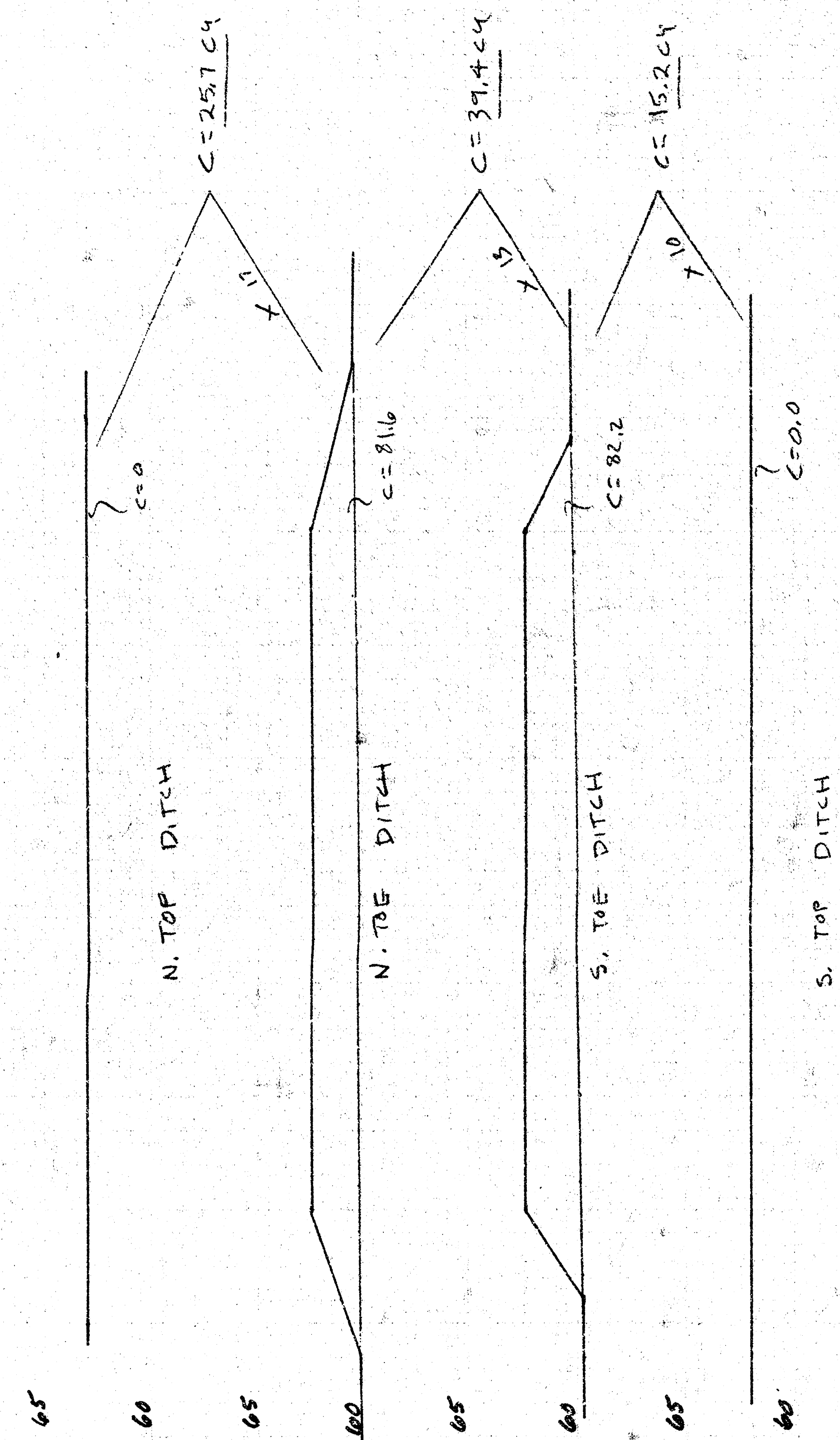
NOTES

1. CONTRACTOR TO BID ONLY ONE SUB-GRADE TREATMENT ALTERNATE. ALTERNATE# GROSSED BY THE SUCCESSFUL BIDDER SHALL BE USED FOR CONSTRUCTION ON THIS PROJECT.
2. ALL EARTH SURFACES DISTURBED WITHIN THE 21ST STREET RIGHT-OF-WAY TO BE RESEDED WITH 3:1 FERTILIZER APPLICATION RATES FOR SEED, FERTILIZER, AND MULCHING SHALL CONFORM TO THE RATES SPECIFIED IN THE CITY OF NIGHTMARE STANDARDS SEED SPECIFICATIONS. ALL COSTS ASSOCIATED WITH THE SEEDING, FERTILIZING, AND MULCHING SHALL BE INCIDENTAL TO THE PROJECT.

NOTE: TRAFFIC ON 21ST STREET NORTH SHALL BE CARRIED THROUGH CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO WORK SIX (6) DAYS EACH WEEK WITH A TEN (10) HOUR SHIFT EACH DAY ON THIS PROJECT. THE WORK ORDER ON THIS PROJECT WILL BE ISSUED UPON COMPLETION OF THE PAVEMENT CONSTRUCTION ON BYRON, SOUTH OF 21ST STREET, WHICH WILL BE DONE UNDER A SEPARATE CONTRACT.

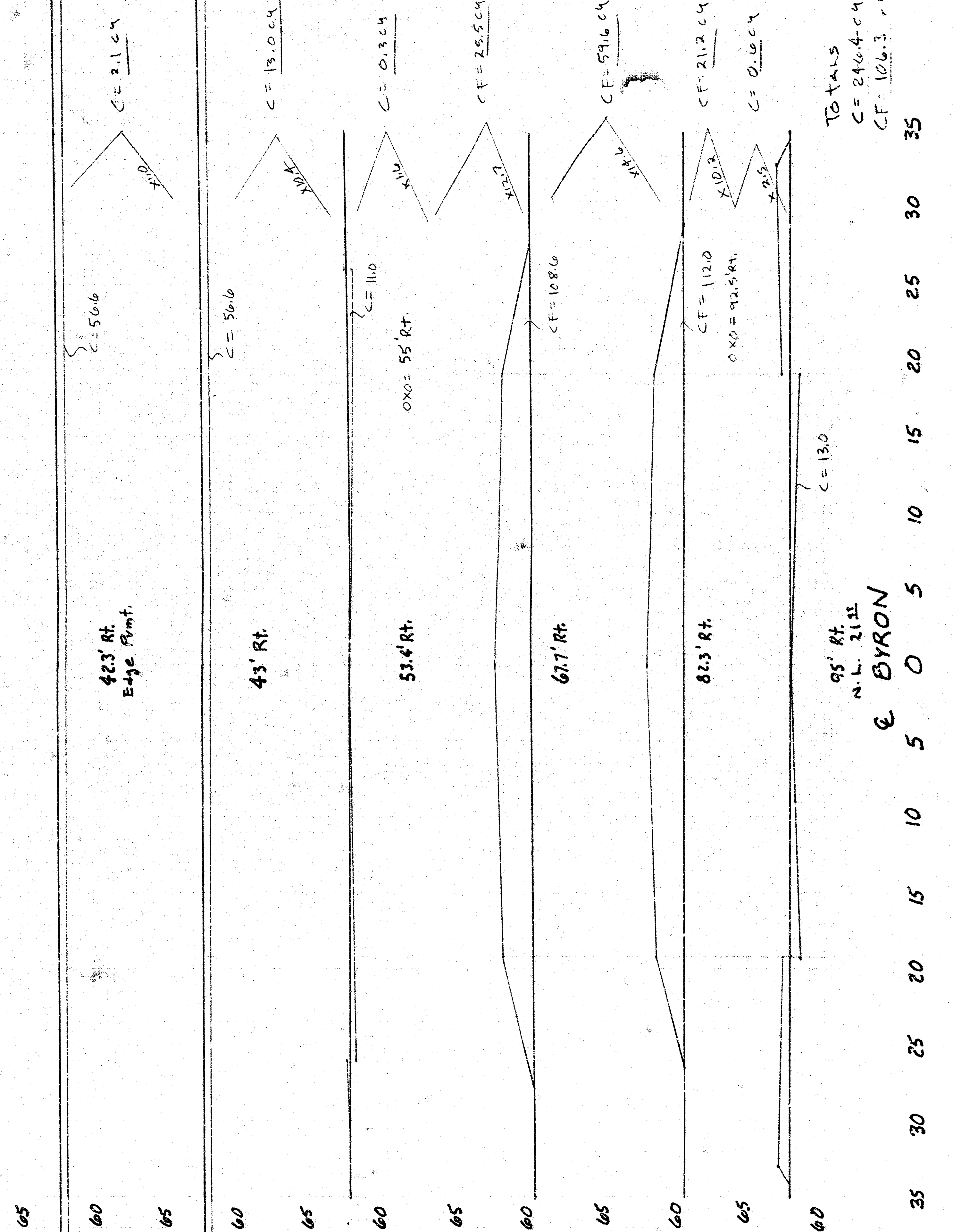


PROJECT DESCRIPTION			
PROJECT NUMBER			
472 76 245 80973 000 000 001			
BOOK NO. DCP 265	APPROVED BY		DATE
DRAWN BY KLA4			REVISED
CITY OF WICHITA			
DEPARTMENT OF ENGINEERING			
DIRECTOR OF ENG./CITY ENGINEER			SCALE
R. W. BRUGGEMAN			1"=20'



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

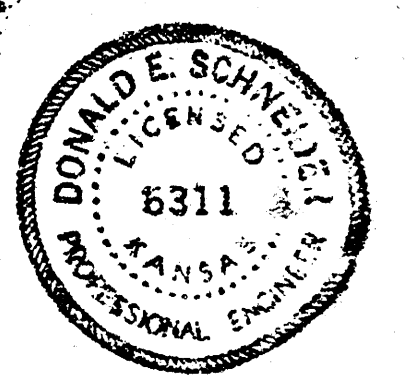
2
C = 4052.16 ÷ 27 = 150.1 CY
21ST ST. MEDIAN
V = 378 X 16 ÷ 167 = 4052.16



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

472 76 245 80973 000 000 001 3/3
3/3

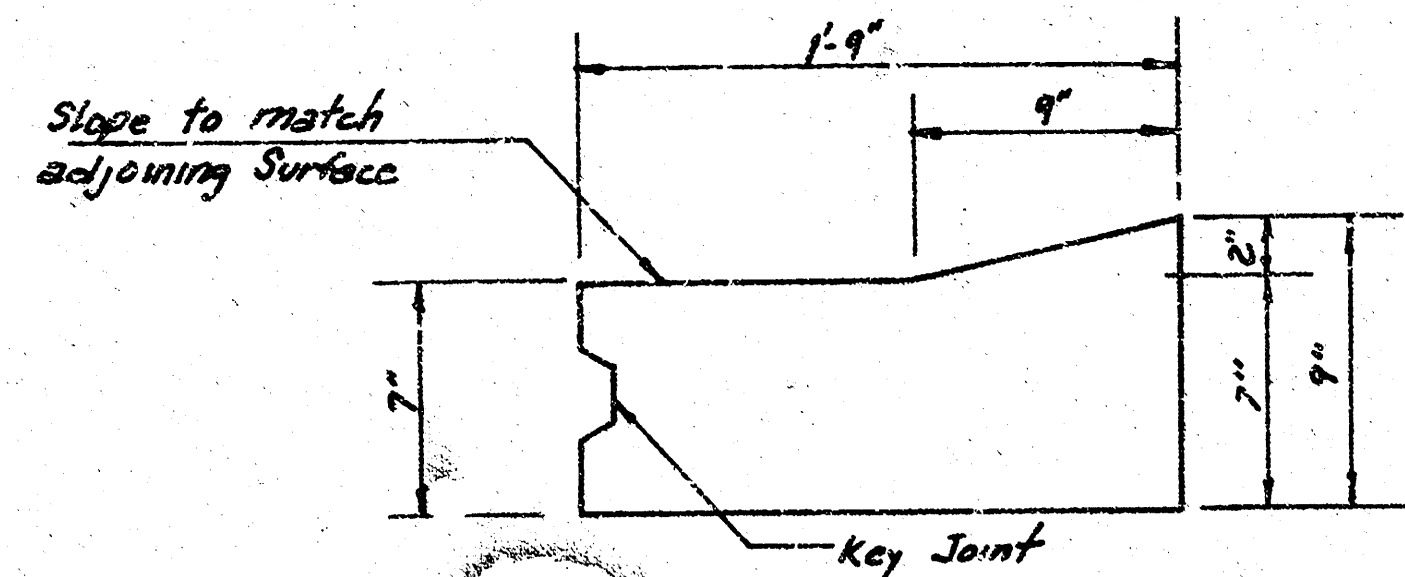
14 3 1 4



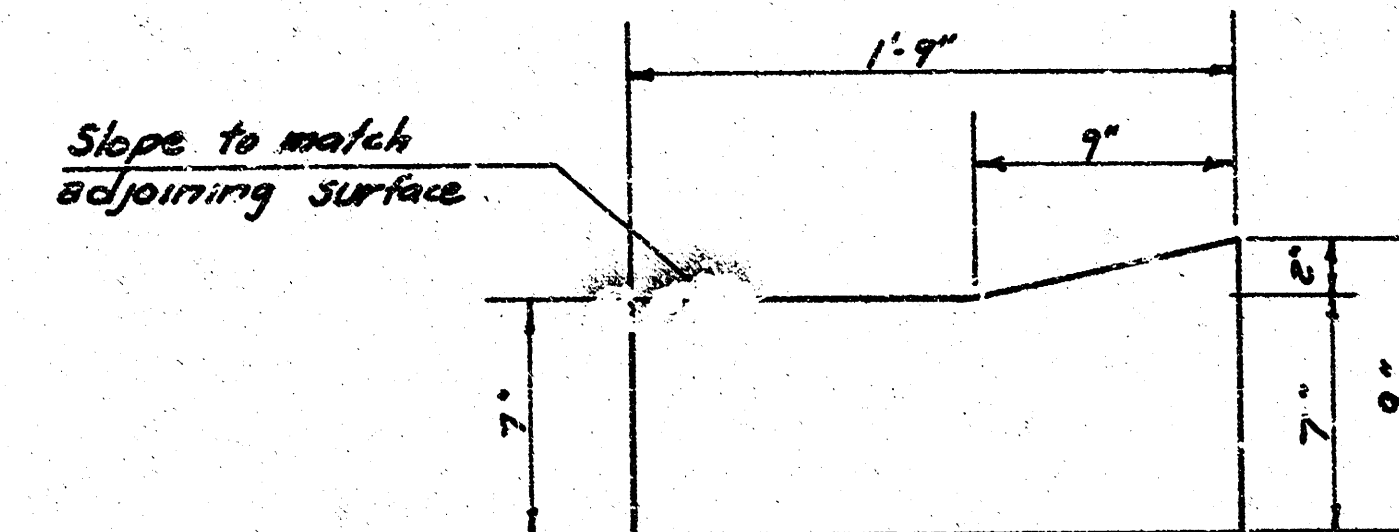
EARTHWORK			
	EXCAVATION	COMP. FILL	
X-SECTION	246.4 C.Y.	106.3 C.Y.	
10%	24.6 C.Y.	10.6 C.Y.	
TOTAL	271.0 C.Y.	116.9 C.Y.	1,397 S.Y. Manipulation

Reverse Curve Data Based On P.C. Curb $\Delta = 113.3^\circ$				
Sta. (P)	Arc	Chord Length	Deflection	Total Deflection
3+86.00	14.07'	14.14'	0°58'48"	0°58'48"
4+02.00	"	"	"	1°57'36"
4+18.00	"	"	"	2°56'24"
4+34.00	14.07'	14.14'	0°58'48"	3°55'12"
4+50.00	"	"	"	4°54'00"
4+66.00	"	"	"	5°52'48"
4+82.00	14.07'	14.14'	0°58'48"	6°51'36"
4+98.00	"	"	"	7°50'24"
5+14.00	"	"	"	8°49'12"
5+30.00	14.07'	14.14'	0°58'48"	9°48'00"

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

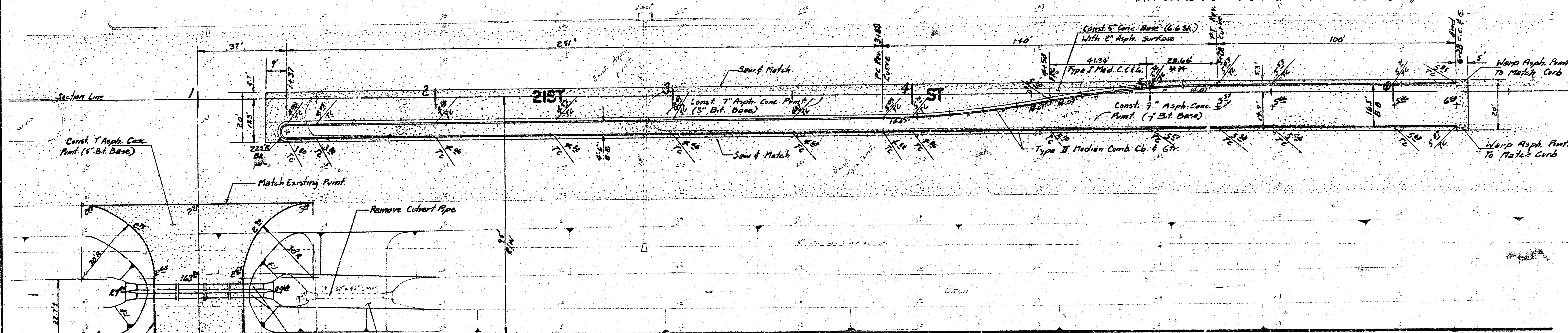


MEDIAN COMB. CURB & GUTTER

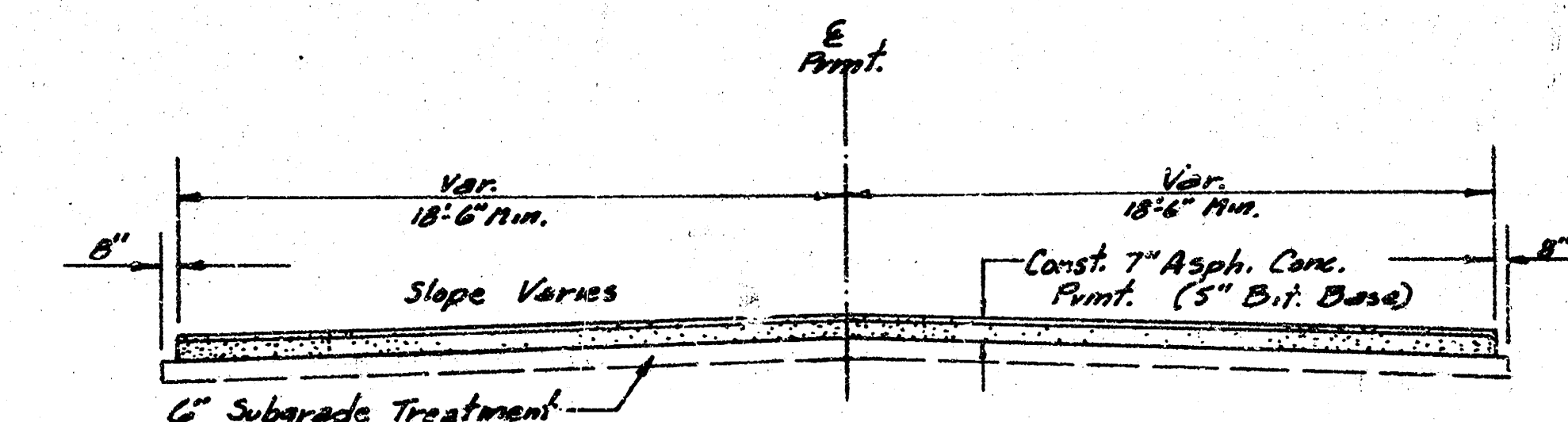


TYPE II MEDIAN COMB. CURB & GUTTER

**Widen Cb. & Gtr. To 2'-9" In 28.66' To Be Paid As L.P. Type II C.C. & G.



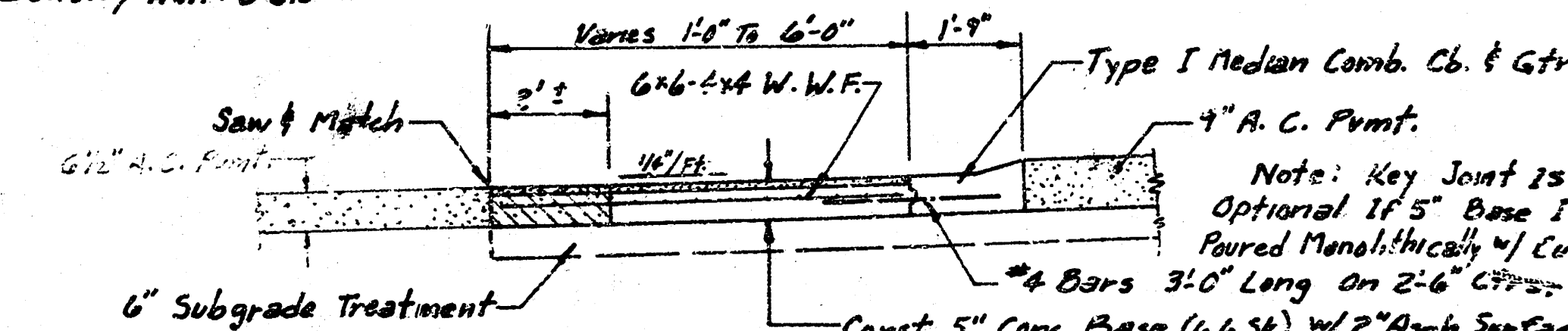
Reverse Curve Data
 $R = 411.33'$
 $\Delta = 9^\circ 47' 54"$
 $L = 70.34'$
 $Ch = 70.26'$
 $T = 35.26'$



BYRON PAVEMENT SECTION

A tack coat of emulsified asph. (SS-1H or CSS-1H) shall be applied at an approximate rate of 0.05 Gal. per sq. ft. 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 asph. pmt. Bit. conc. 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'.

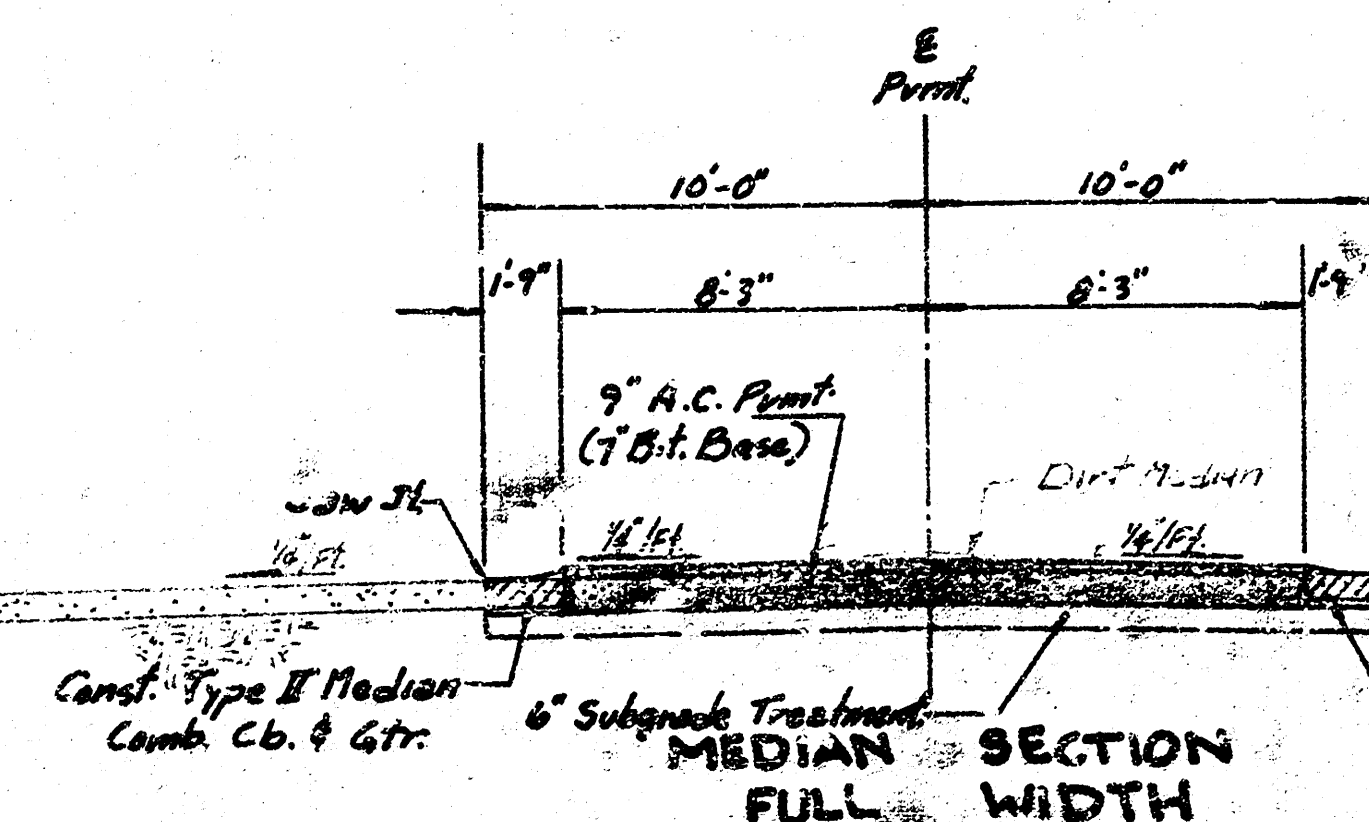
Note: Bituminous Base To Be Placed In Two Lifts.
 6" Subgrade Treatment Compaction $\geq 95\%$ Std. Density ASTM D-678
 Alt. #1 Quick Lime
 Alt. #2 Carbide Lime
 Alt. #3 Type "C" Fly Ash



SECTION THROUGH CONC. BASE PMT.

Proposed 5" A.C. Pmt. w/ Comb. Cb. & Gtr. By "Others"

MEDIAN SECTION AT LEFT TURN LANE



LEFT TURN LANE & CONC. MEDIAN CURB ON 21ST ST. No. 2/3