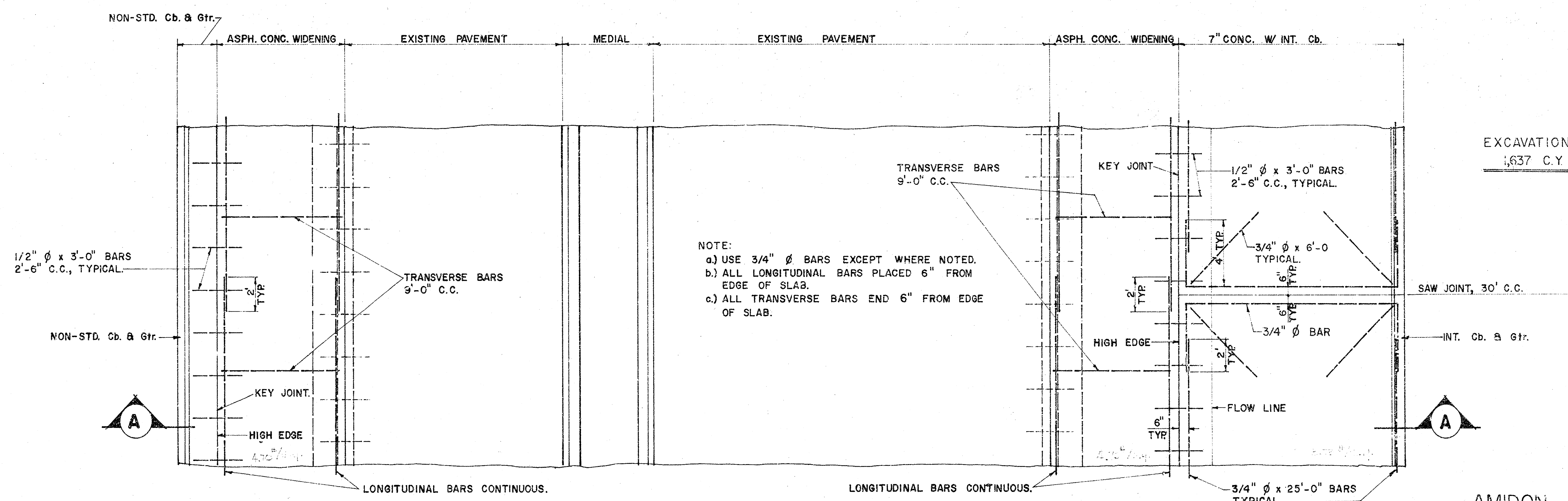
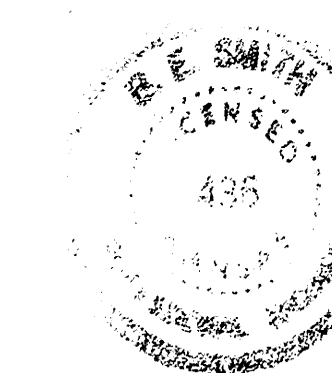


SECTION A-A



STEEL PATTERN

AMIDON AVENUE, WIDENING
 BRIDGE to 620' SOUTH of $\angle$ of 21st. ST.
 PROJECT NO. C18-61
 ASPH. CONC. - WIDEN PVT, MEDIANS, LEFT TURN BAYS
 & DECELERATION LANES.
 CITY of WICHITA, KANSAS
 B. E. SMITH, CITY ENGINEER.

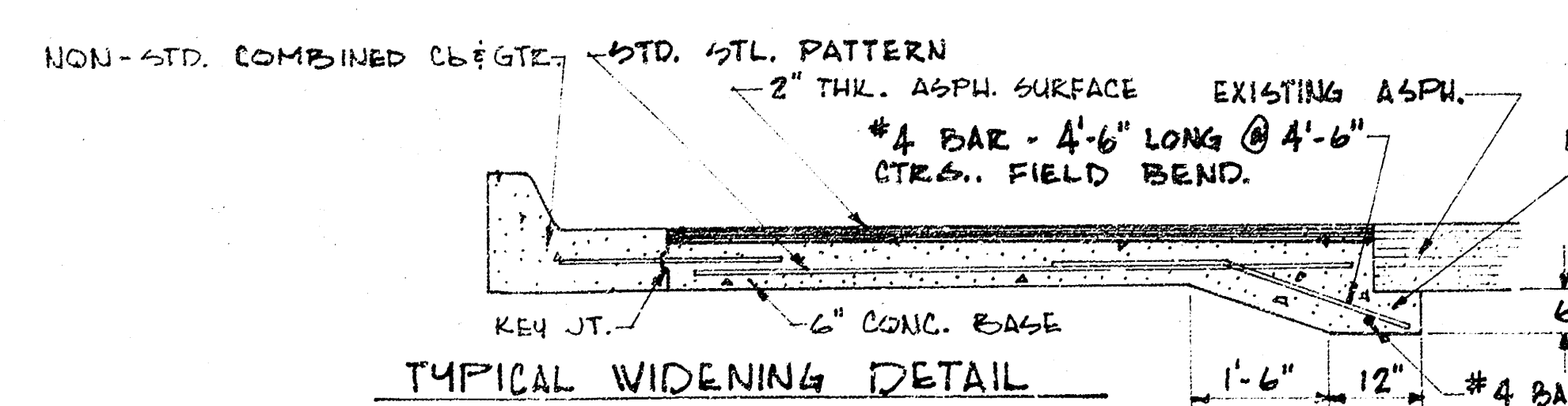
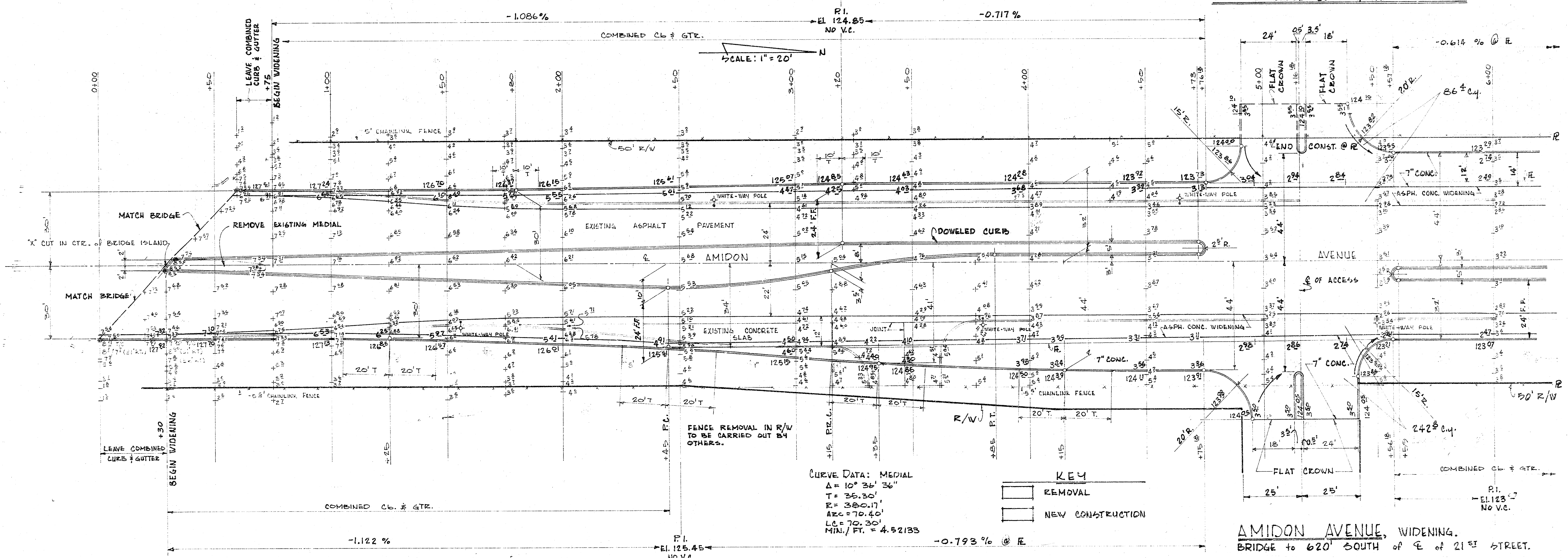
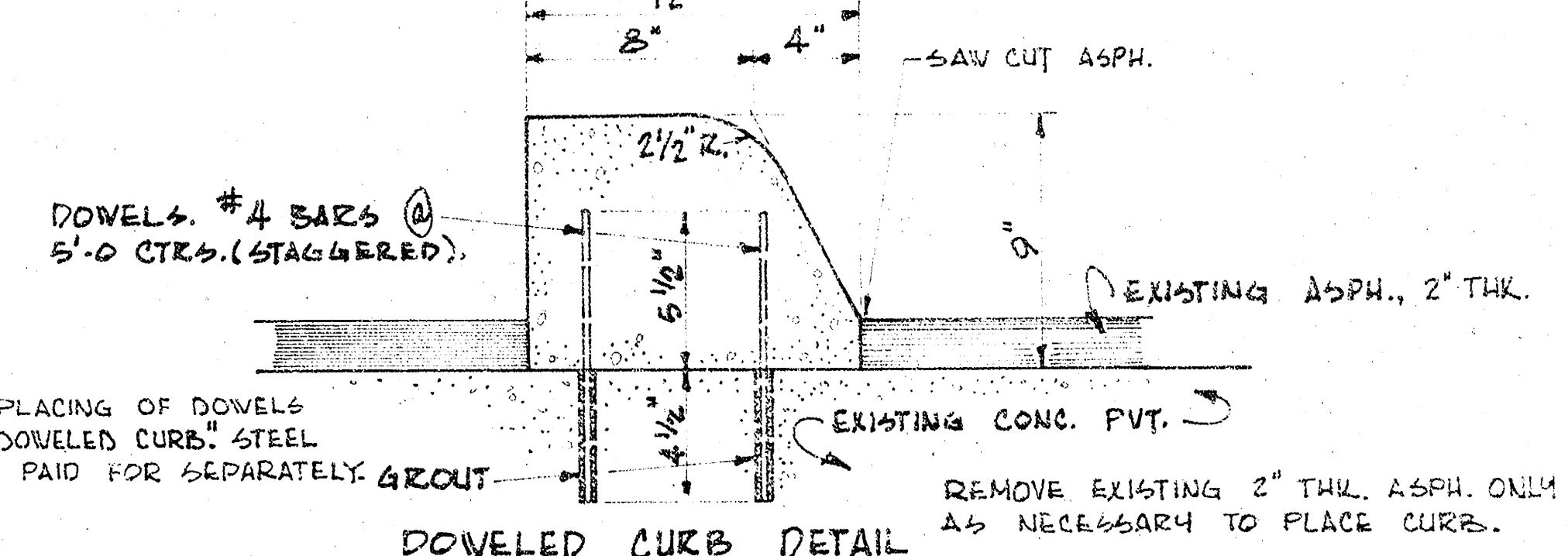
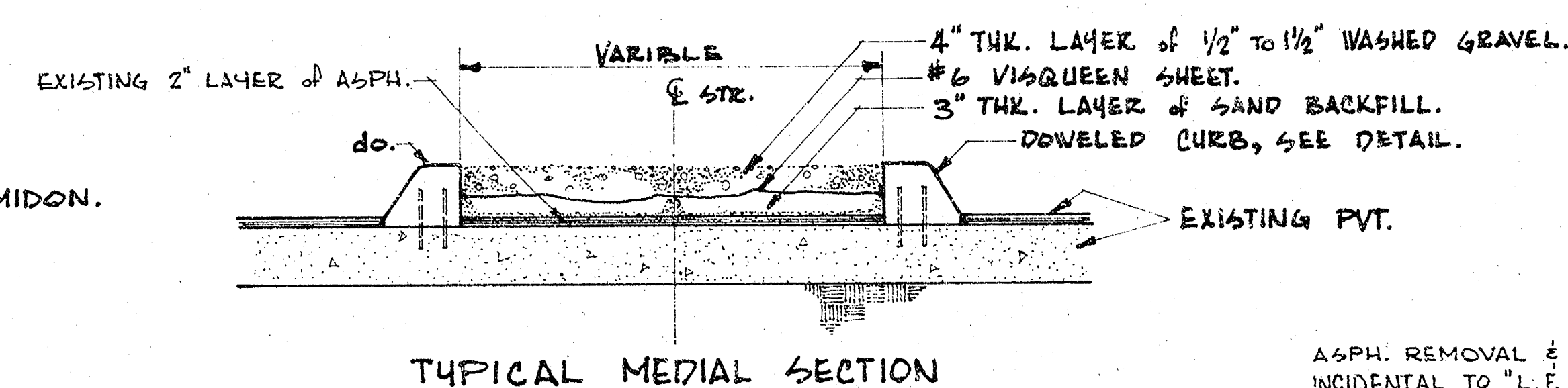


8-68

B.M. 127.93 CITY STD. DISC ON N.W. COR. RIVER BRIDGE ON AMIDON SOUTH OF 21ST ST.
 B.M. 123.51 1/2" Ø BOLT IN ASPH.-CONC. PVT. ON E. AMIDON APPROX. 520' N. OF
 CTR. BRIDGE STA. 5+50
 B.M. 123.76 "X" CUT E. END N. RAD. TO ENTRANCE @ CTR. OF TWIN LAKES SHOPPING CTR. ON AMIDON.

LEFT BASE LINE : 28' LT. OR WEST OF C.
 RIGHT BASE LINE : 28' RT. OR EAST OF C.

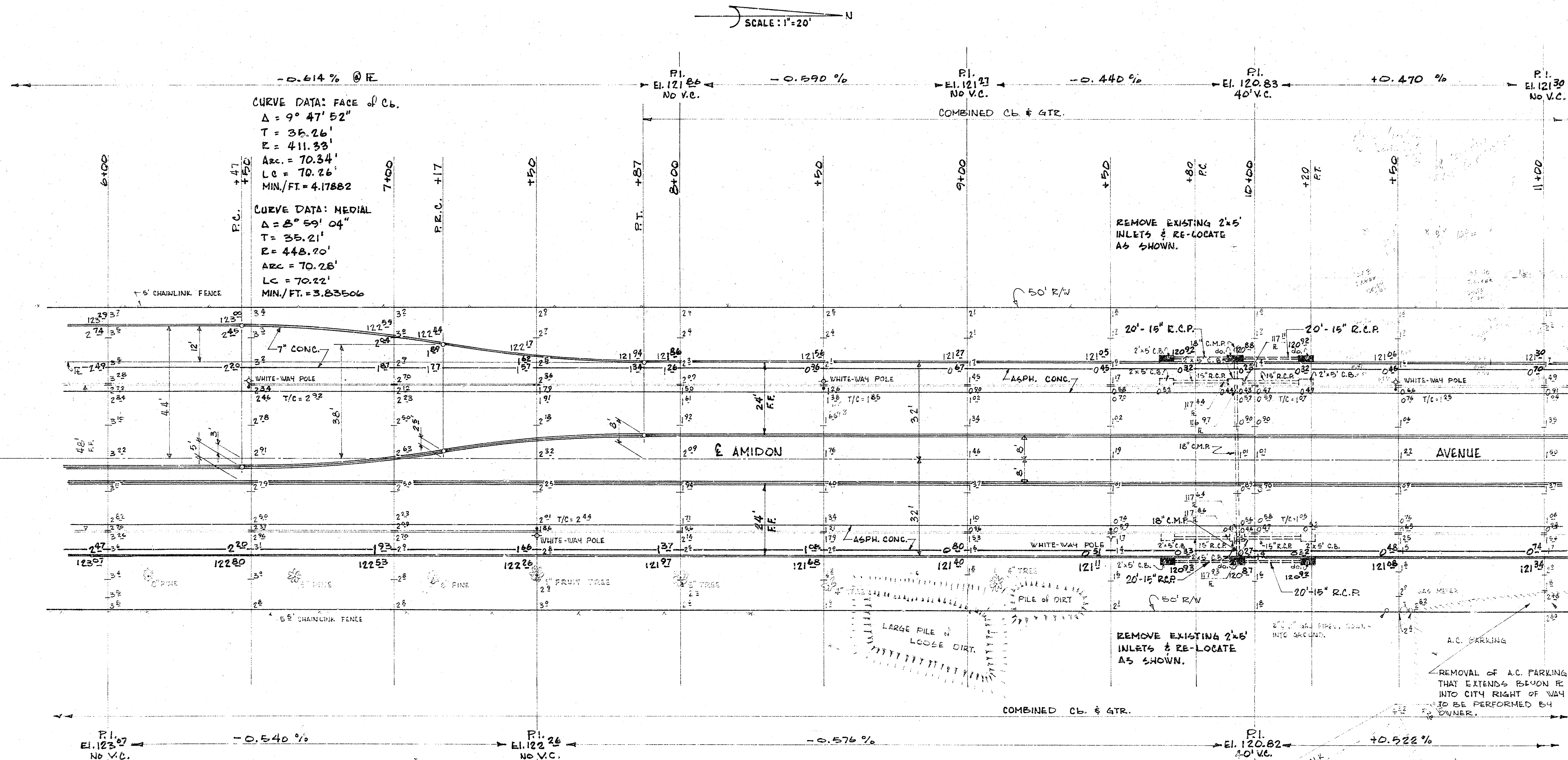
NOTE:
 GRADE TO EXISTING @ PROPERTY LINE.



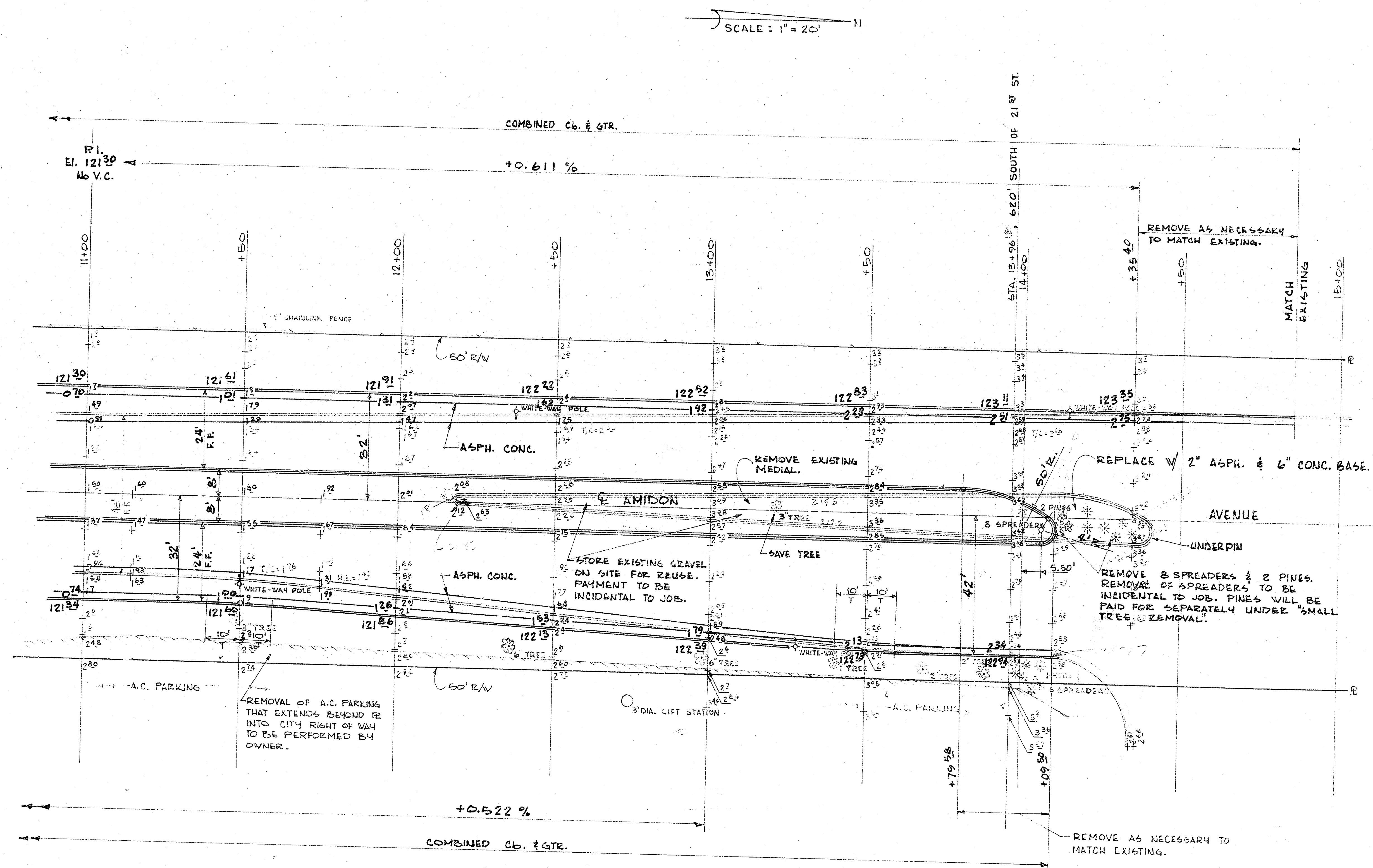
NOTE:
 BID ITEM FOR "LIN. FT. UNDERPINNING"
 TO INCLUDE COST OF CONC. & EXCAVATION.
 STL. TO BE PAID FOR BY LBS. OF REINF. STL.
 LEAVE KEY JT. STL. IN PLACE UNLESS BROKEN.

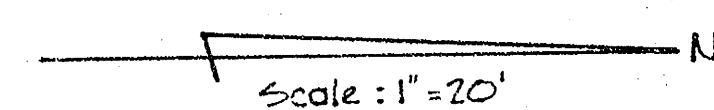
STA.	ARC	CHORD	DEFLECTION	ACCU. DEFLECT.	STA.	ARC	CHORD	DEFLECTION	ACCU. DEFLECT.
2+45	-	-	-	-	3+15	15.20	15.20	1° 08' 45"	5° 18' 18"
2+50	5.00	5.00	0° 22' 36"	0° 22' 36"	3+25	10.15	10.14	0° 45' 53"	0° 45' 53"
2+75	25.03	25.02	1° 53' 10"	1° 15' 46"	3+50	25.20	25.20	1° 53' 51"	2° 39' 50"
3+00	25.17	25.17	1° 53' 47"	4° 09' 33"	3+75	25.05	25.05	1° 53' 00"	4° 33' 06"
3+15	15.20	15.20	1° 08' 45"	5° 18' 18"	3+85	10.00	10.00	0° 45' 12"	5° 18' 18"

AMIDON AVENUE, WIDENING.
 BRIDGE TO 620' SOUTH OF E. OF 21ST STREET.
 PROJECT NO. C18-61
 ASPH. CONC. - WIDEN PVT., MEDIAN, LEFT TURN BAY, DECELERATION LANE
 CITY OF WICHITA, KANSAS.
 B.E. SMITH, CITY ENGINEER.

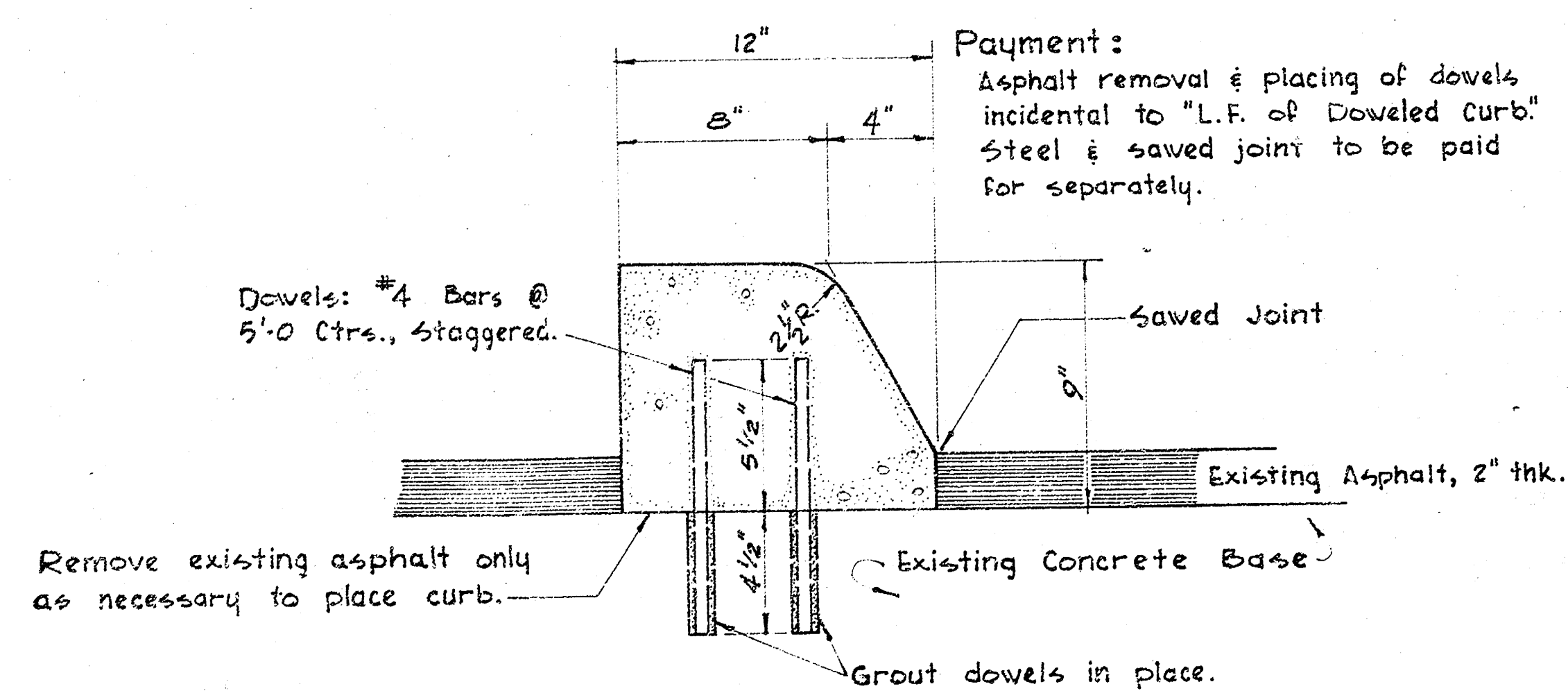


CURVE DATA - CUBES				CURVE DATA - MEDIAL			
STA.	ARC	DEFLECTION	ACCUM. DEFLECT.	STA.	ARC	DEFLECTION	ACCUM. DEFLECT.
P.C. 6+47	28.02	1° 51' 05"	1° 51' 05"	P.C. 6+47	28.01	1° 47' 27"	1° 47' 27"
P.T. 7+15	25.18	1° 44' 51"	3° 35' 56"	P.T. 7+15	25.10	1° 36' 14"	3° 23' 43"
P.C. 7+17	17.19	1° 41' 41"	4° 55' 56"	P.C. 7+17	17.16	1° 30' 49"	4° 29' 32"
P.T. 7+45	8.10	0° 33' 52"	0° 33' 52"	P.T. 7+45	8.08	0° 31' 00"	0° 31' 00"
P.C. 7+50	25.19	1° 45' 15"	2° 14' 07"	P.C. 7+50	25.16	1° 36' 29"	2° 37' 29"
P.T. 7+83	25.05	1° 44' 45"	4° 03' 47"	P.T. 7+83	25.04	1° 34' 52"	3° 55' 33"
					25.03	1° 34' 52"	3° 55' 33"
					25.01	1° 36' 14"	2° 37' 29"
					25.00	1° 47' 27"	1° 47' 27"





All medial dimensions are to face of curb unless noted otherwise.



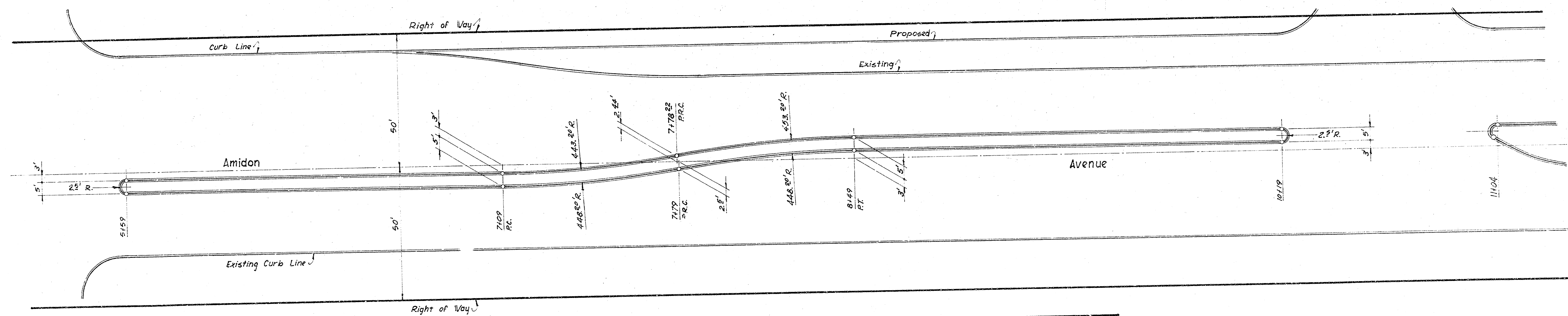
Curve Data for Reverse Curve:
 $\Delta = 10^\circ 36' 36''$
 $T = 35.30'$
 $R = 380.17'$
 $\text{Arc} = 70.40'$
 $LC = 70.30'$
 $\text{Min./ft.} = 4.52133$

Sta.	Offset *	Sta.	Offset *
2+43 R.C.	10.00' Right	3+13 F.R.C.	3.50' Right
2+53	9.87' "	3+23	1.76' "
2+63	9.47' "	3+33	0.51' "
2+73	0.81' "	3+43	0.89' Left
2+83	7.89' "	3+53	1.81' "
2+93	6.69' "	3+63	2.47' "
3+03	5.24' "	3+73	2.87' "
3+13 F.R.C.	3.50' "	3+83 P.T.	3.00' "

*Dimensions from ℓ to face of curb.

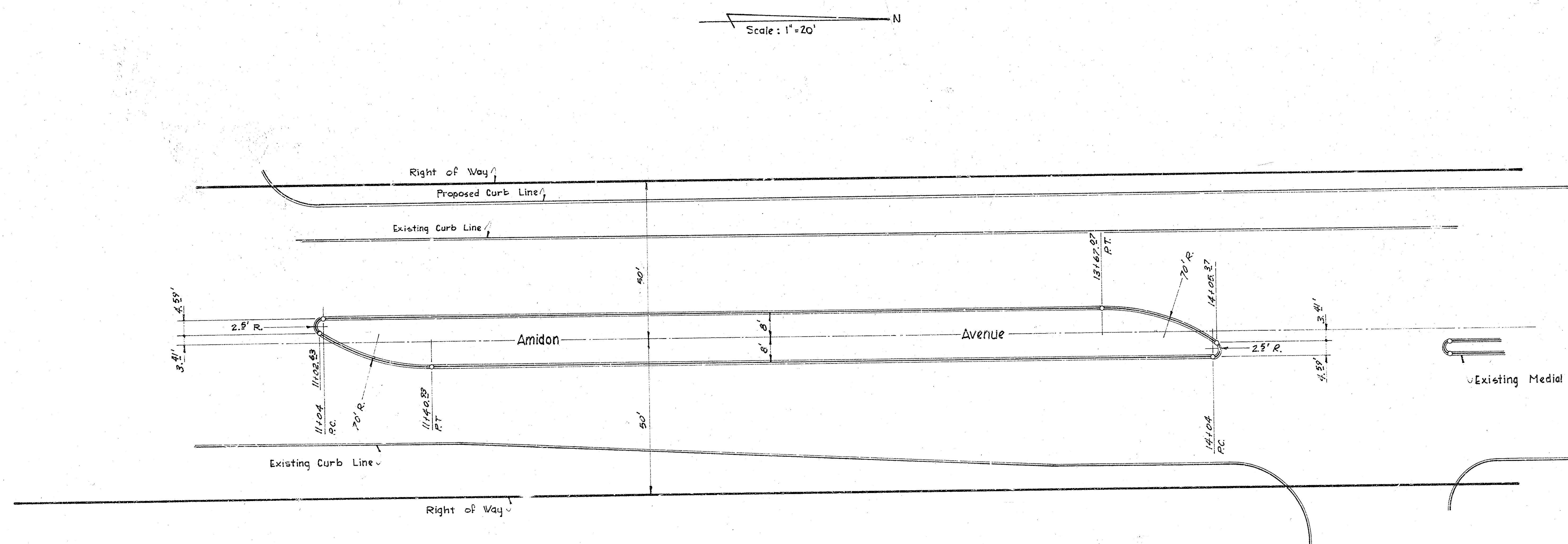
Sheet 12.

Scale: 1" = 20'



Curve Data for Reverse Curve (East curb of medial) :					
R = 448.20' Δ = 8°59'06" T = 70.87' Arc = 70.29' L.C. = 70.22' Min./ft. = 3.83506	Sta.	Offset *		Sta.	Offset *
	7+09 P.C.	8.00'	Right	7+79 P.R.C.	2.50' Right
	7+19	7.89'	"	7+89	1.03' Right
	7+29	7.56'	"	7+99	0.20' Left
	7+39	6.99'	"	8+09	1.21' "
	7+49	6.21'	"	8+19	1.99' "
	7+59	5.20'	"	8+29	2.56' "
	7+69	3.97'	"	8+39	2.89' "
	7+79 P.R.C.	2.50'	"	8+49 P.T.	3.00' "
* Dimensions From C to face of curb.					

Medial Revision for Amidon Avenue
Project No. C18-61



Medial Revision for Amidon Avenue
Project No. C18-61

Sheet 3R.