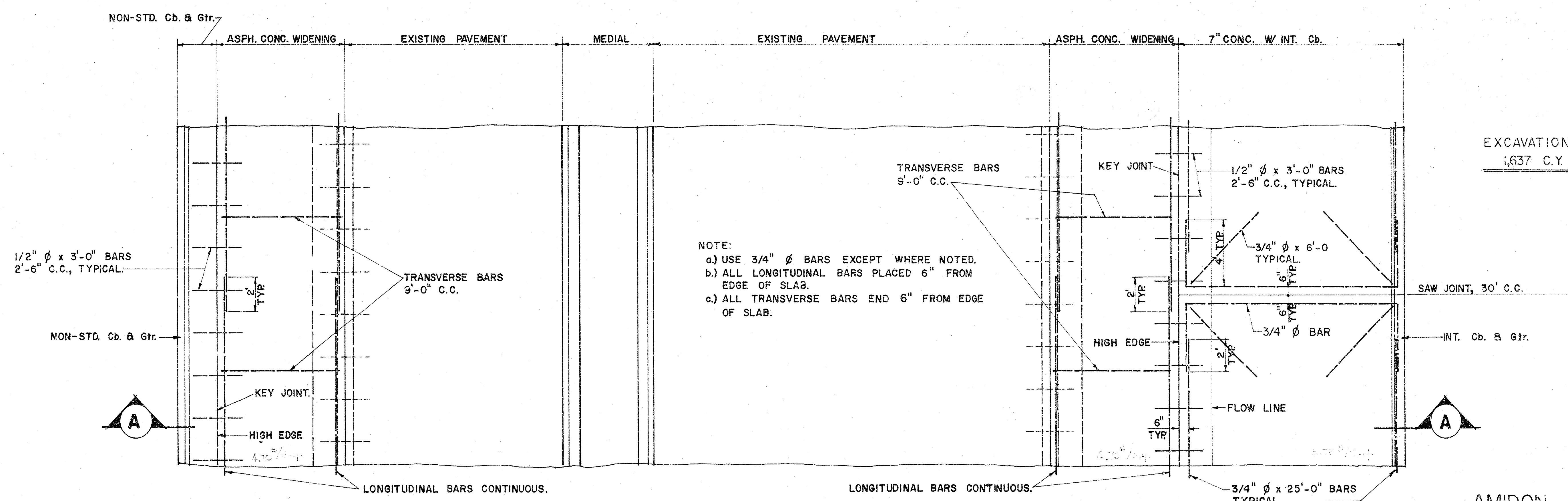


SECTION A-A



STEEL PATTERN

EXCAVATION
1,637 C.Y.

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.

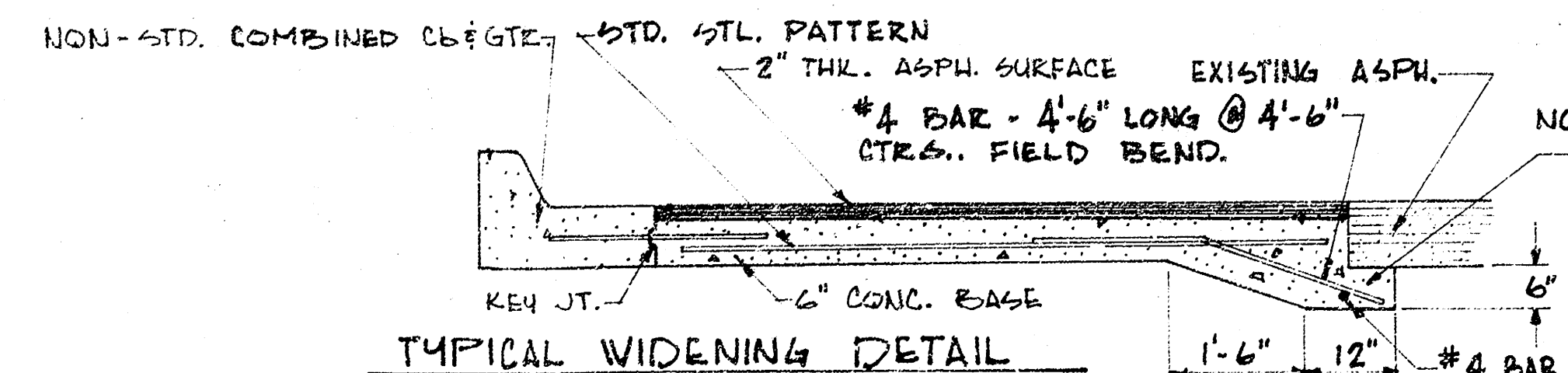
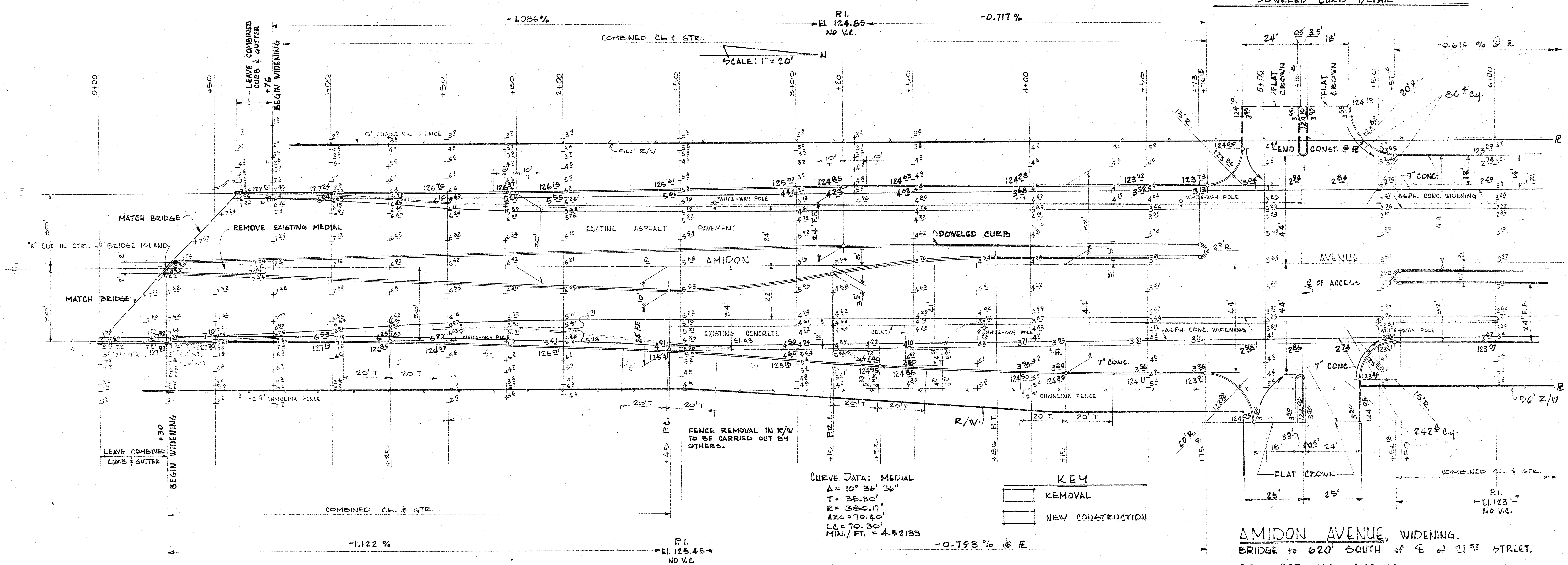
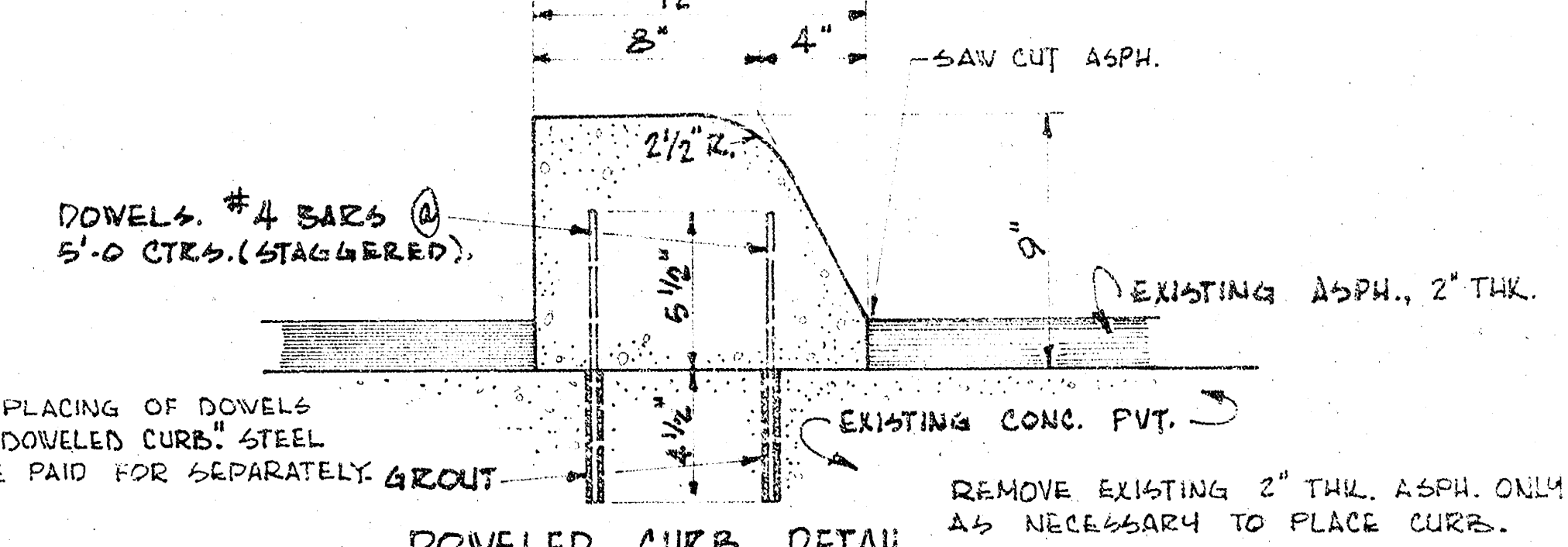
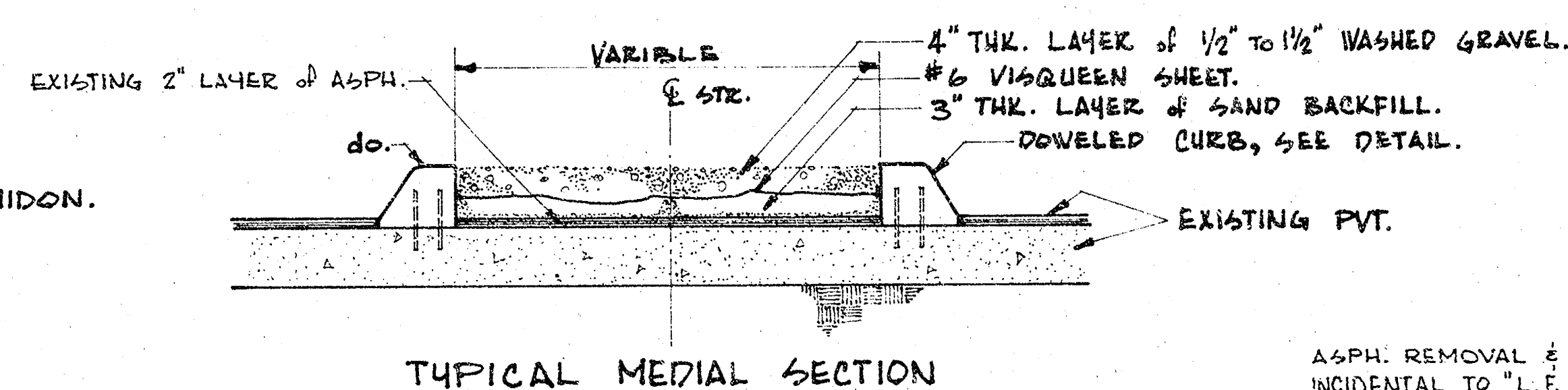


8-68

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.

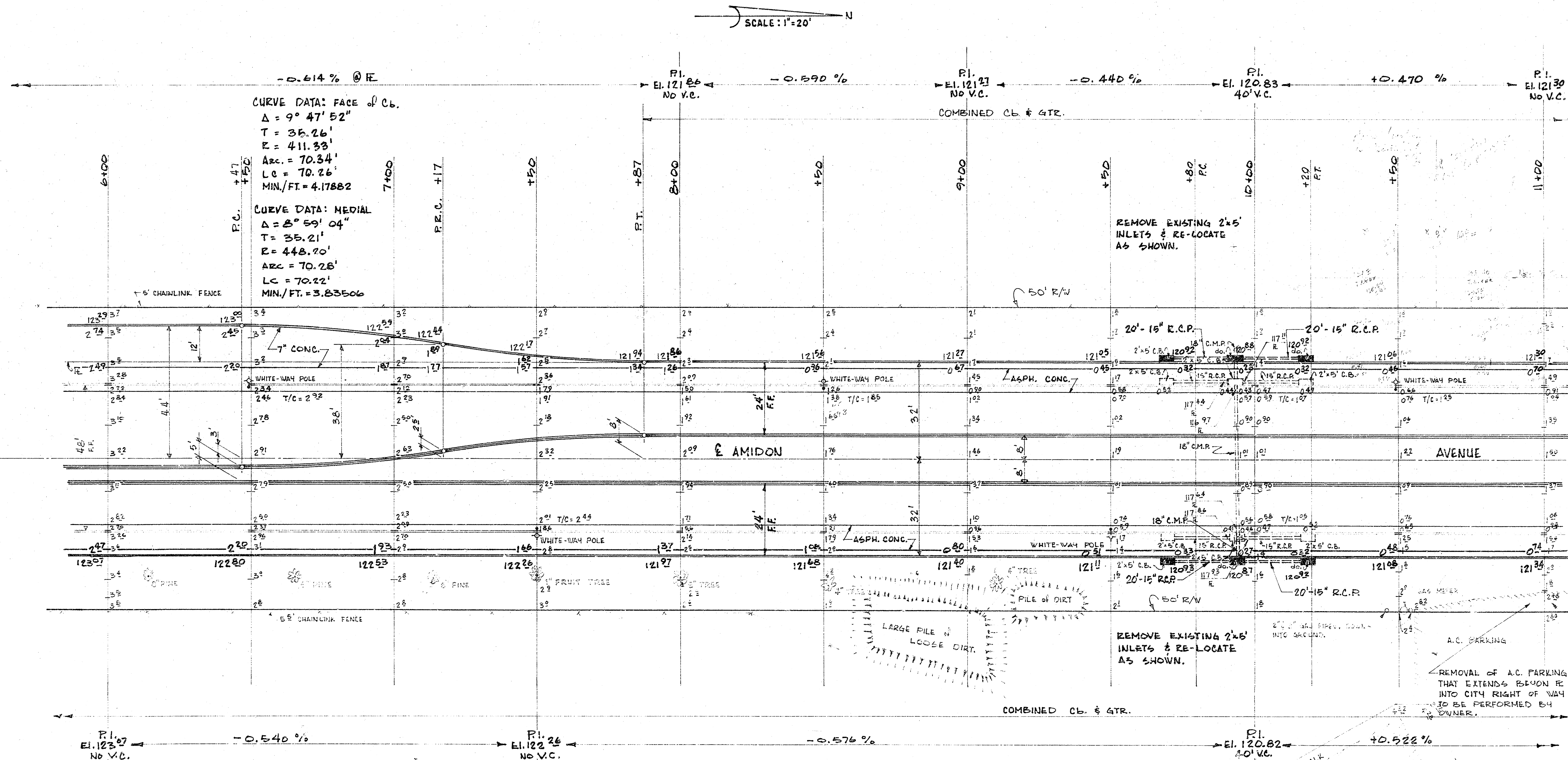
NOTE:
 GRADE TO EXISTING @ PROPERTY LINE.



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	-	-	-	-
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"

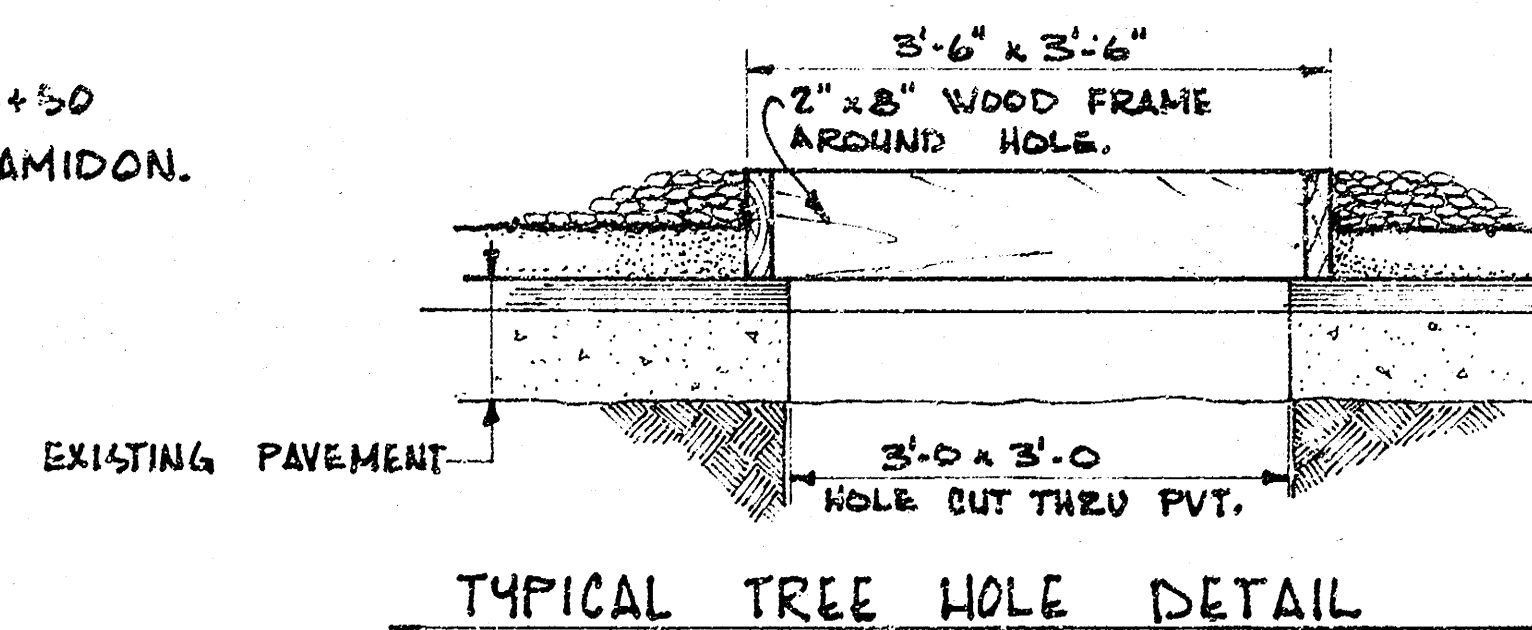
AMIDON AVENUE, WIDENING.
 BRIDGE TO 620' SOUTH OF E. OF 21ST STREET.
 PROJECT NO. C18-61
 ASPH. CONC. - WIDEN PVT., MEDIAN, LEFT TURN BAY, DECELERATION LANE
 CITY OF WICHITA, KANSAS.
 B.E. SMITH, CITY ENGINEER.



CURVE DATA - CUREB		CURVE DATA - MEDIAL	
STA.	ARC	STA.	ARC
P.C. 6+47	28.02	P.C. 6+47	28.02
P.T. 7+10	25.18	P.T. 7+10	25.18
P.C. 7+17	17.19	P.C. 7+17	17.19
P.T. 7+45	8.10	P.T. 7+45	8.10
P.C. 7+50	25.19	P.C. 7+50	25.19
P.T. 7+83	12.00	P.T. 7+83	12.00
ACCUM. DEFLECT.		ACCUM. DEFLECT.	
1° 57' 05"		1° 57' 05"	
3° 42' 05"		3° 42' 05"	
4° 53' 46"		4° 53' 46"	
0° 33' 52"		0° 33' 52"	
1° 44' 45"		1° 44' 45"	
0° 50' 09"		0° 50' 09"	

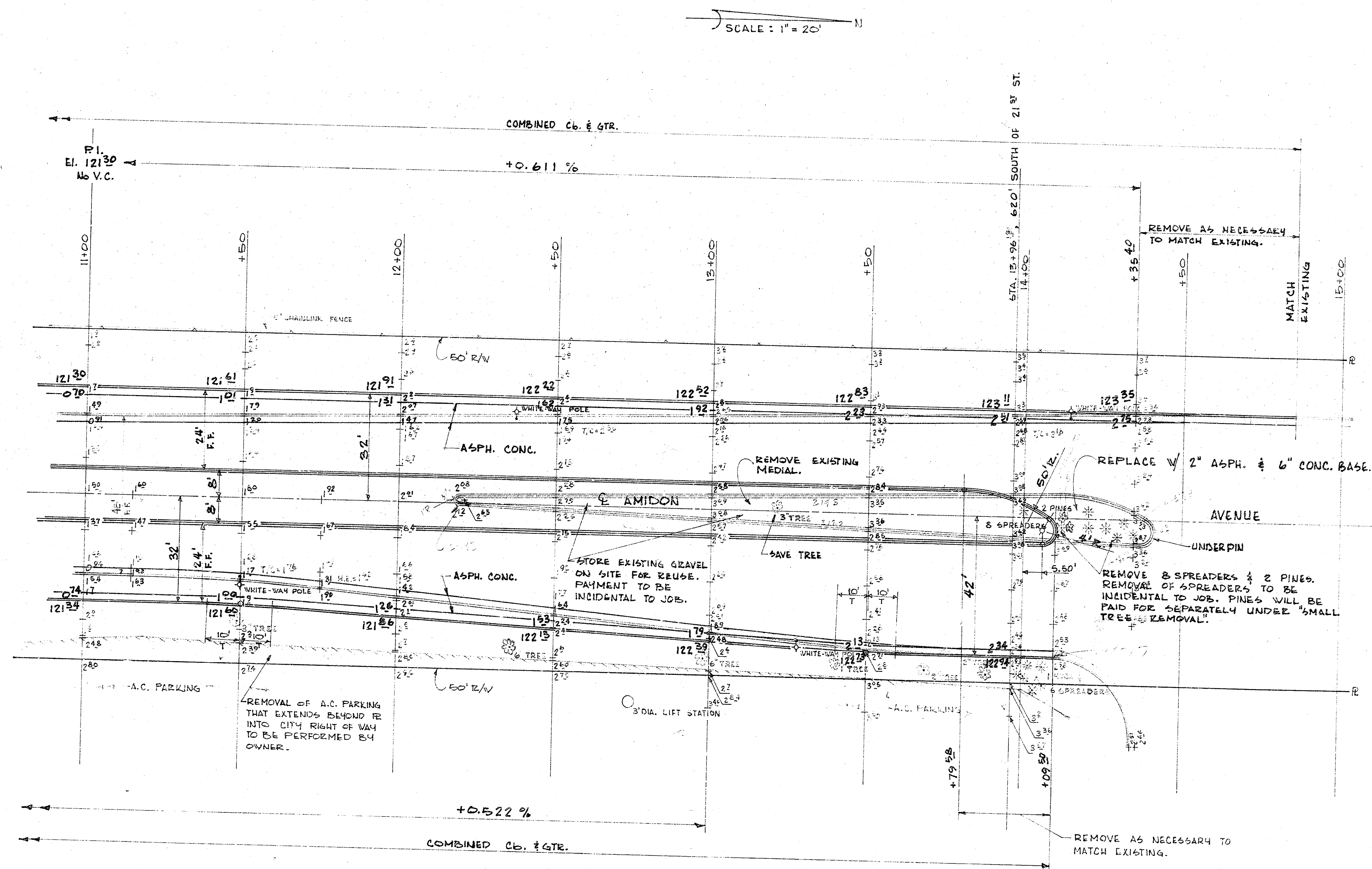
B.M. 127.93 CITY STD. DISC ON N.W. COR. KIVER BRIDGE ON AMIDON SOUTH OF 21ST ST.
 B.M. 123.51 1/2" BOLT IN A.C. PVT. ON E. AMIDON APPROX. 520' N. of CTR. BRIDGE. STA. 5+50
 B.M. 123.76 "X" CUT E. END N. RAD. TO ENTRANCE @ CTR. TWIN LAKES SHOPPING CTR. ON AMIDON.

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



CONTRACTOR IS TO CUT 35 HOLES IN PVT. FOR THE PLANTING OF TREES AS DESIGNATED BY THE PARK DEPT. HOLES TO BE BID AS S.Y. PVT. REM. WOOD FRAMES TO BE INCIDENTAL TO THE TONS OF GRAVEL BID.

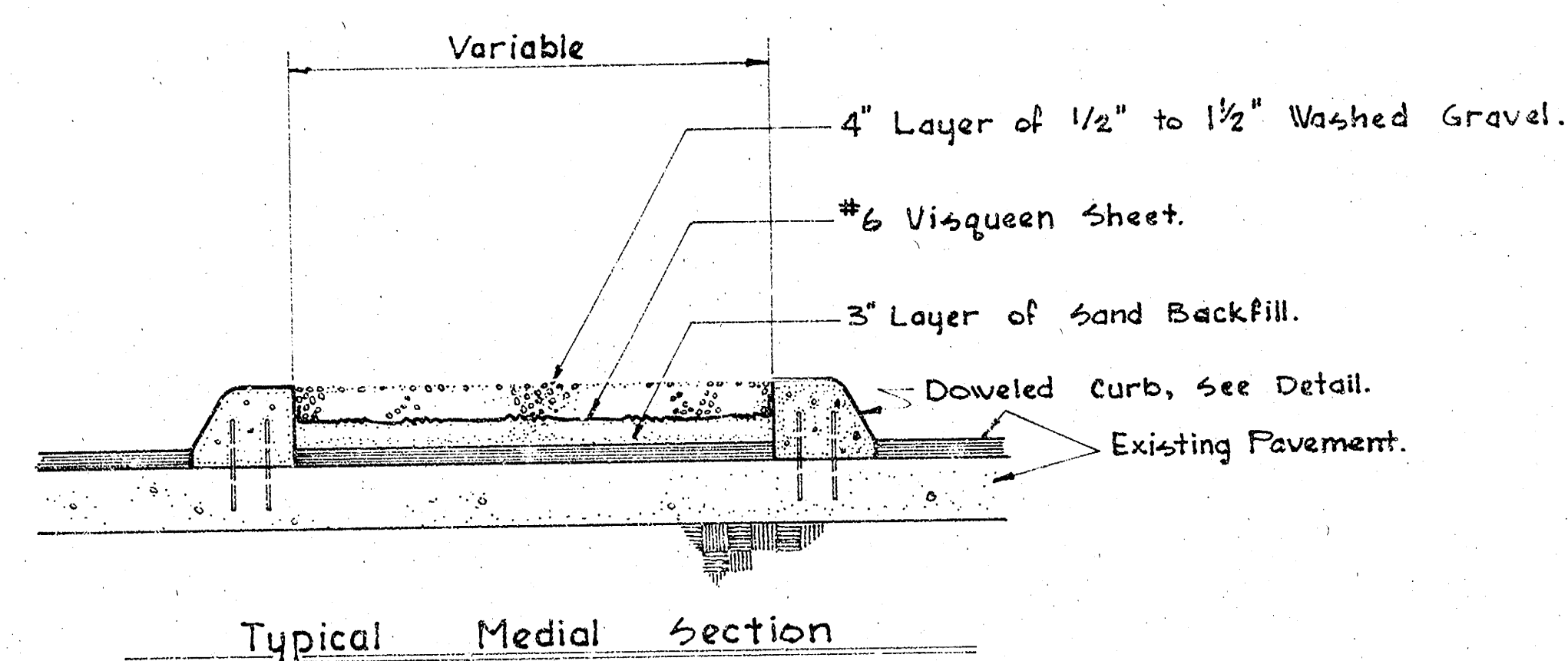
AMIDON AVENUE, WIDENING
 PROJECT No. C18-61



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" D BOLT IN A.C. 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. TWIN LAKES SHOPPING CTR. ON AMIDON.

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

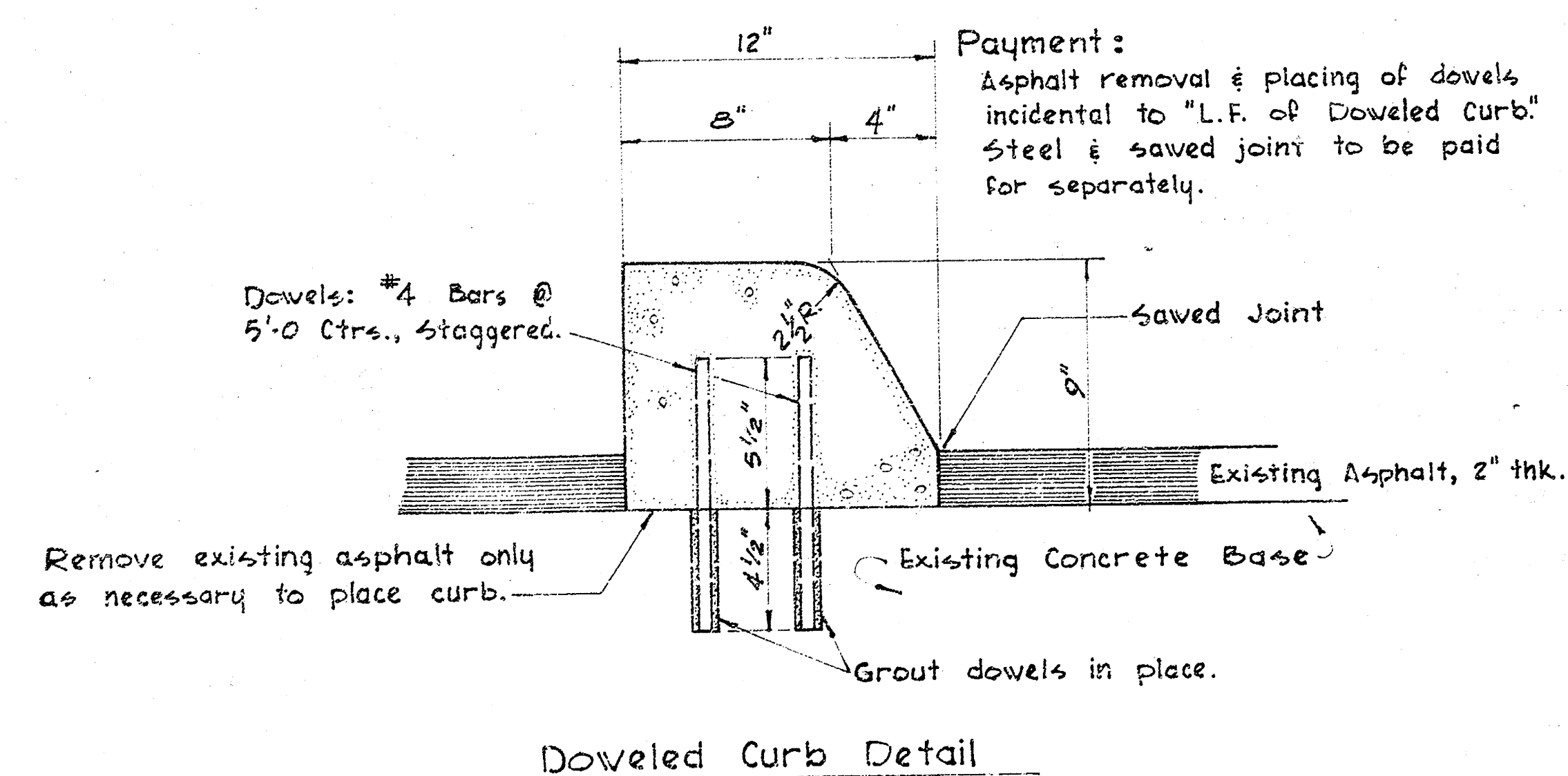
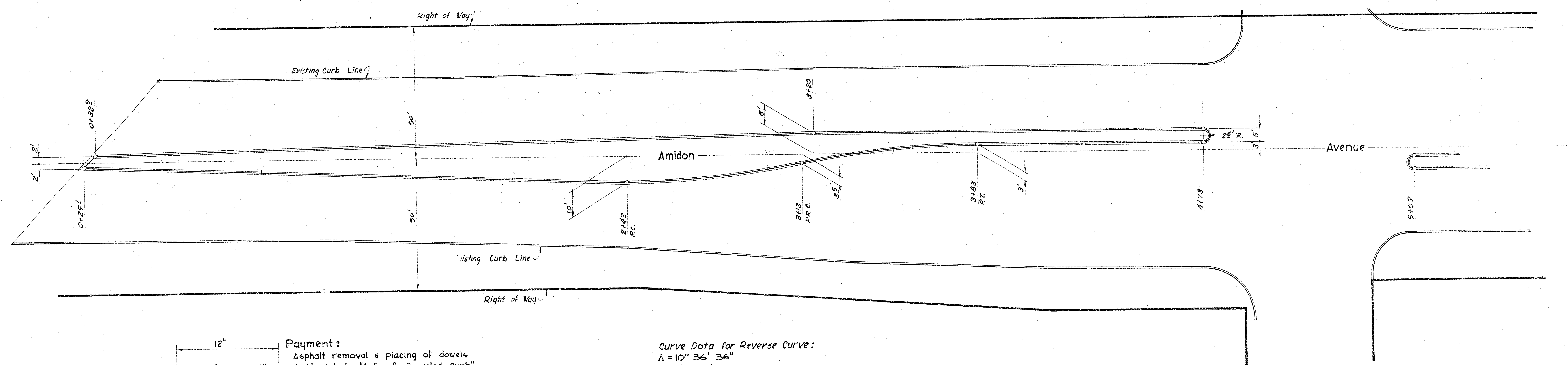
AMIDON AVENUE WIDENING
 PROJECT No. C 18-61



Scale: 1"=20'

General Note:

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



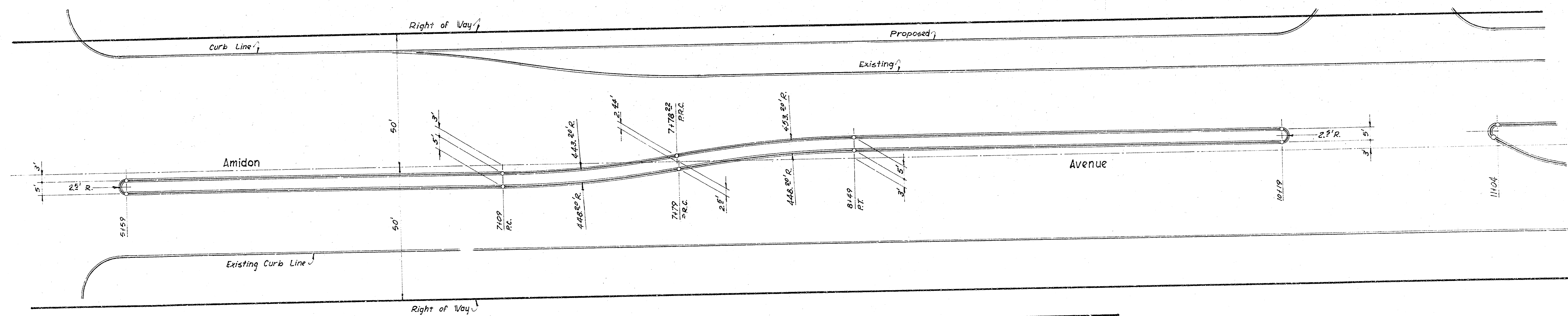
Curve Data for Reverse Curve:
 $\Delta = 10^\circ 36' 36''$
 $T = 35.30'$
 $R = 380.17'$
 $LC = 70.30'$
 $Min./ft. = 4.52133$

Sta.	Offset *	Sta.	Offset *
2+43 P.C.	10.00' Right	3+13 P.R.C.	3.50' Right
2+53	9.87' "	3+23	1.76' "
2+63	9.47' "	3+33	0.31' "
2+73	8.81' "	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 P.R.C.	3.50' "	3+83 P.T.	3.00' "

*Dimensions from ℓ to face of curb.

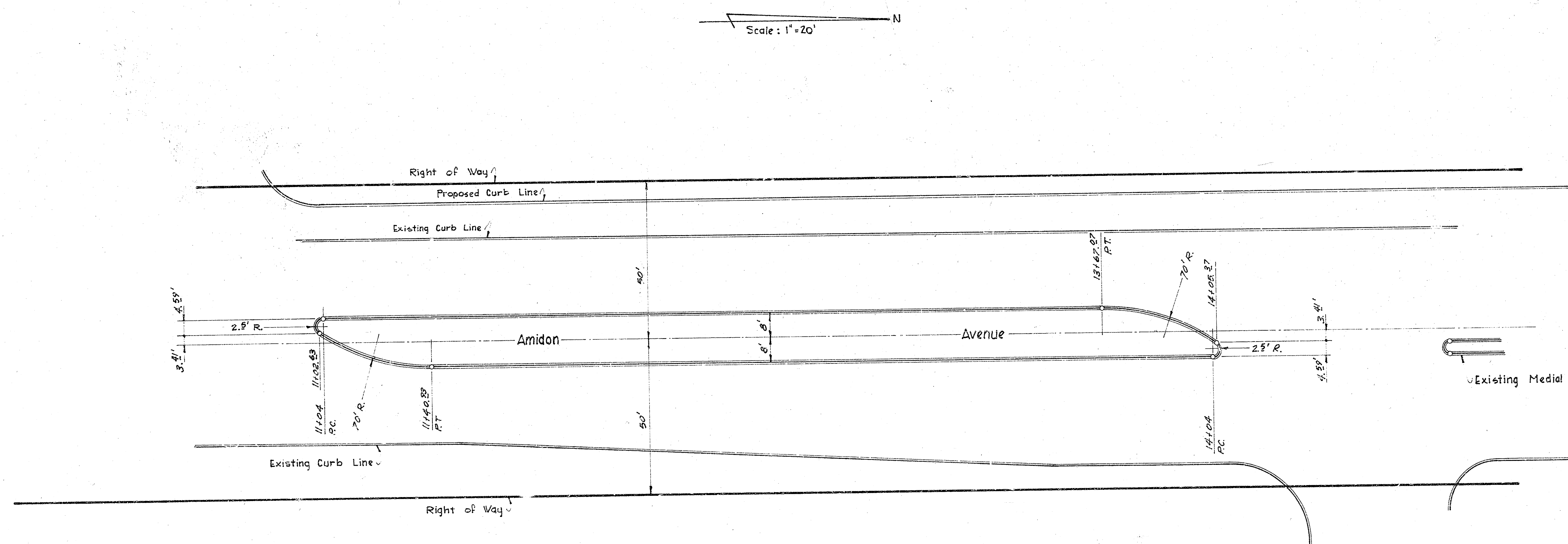
Medial Revision for
 Amidon Avenue
 Bridge to 620' south of ℓ of 21st St.
 Project No. C18-61

Scale: 1" = 20'



Curve Data for Reverse Curve (East curb of medial) :					
R = 448.20' Δ = 8°59'06" 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.