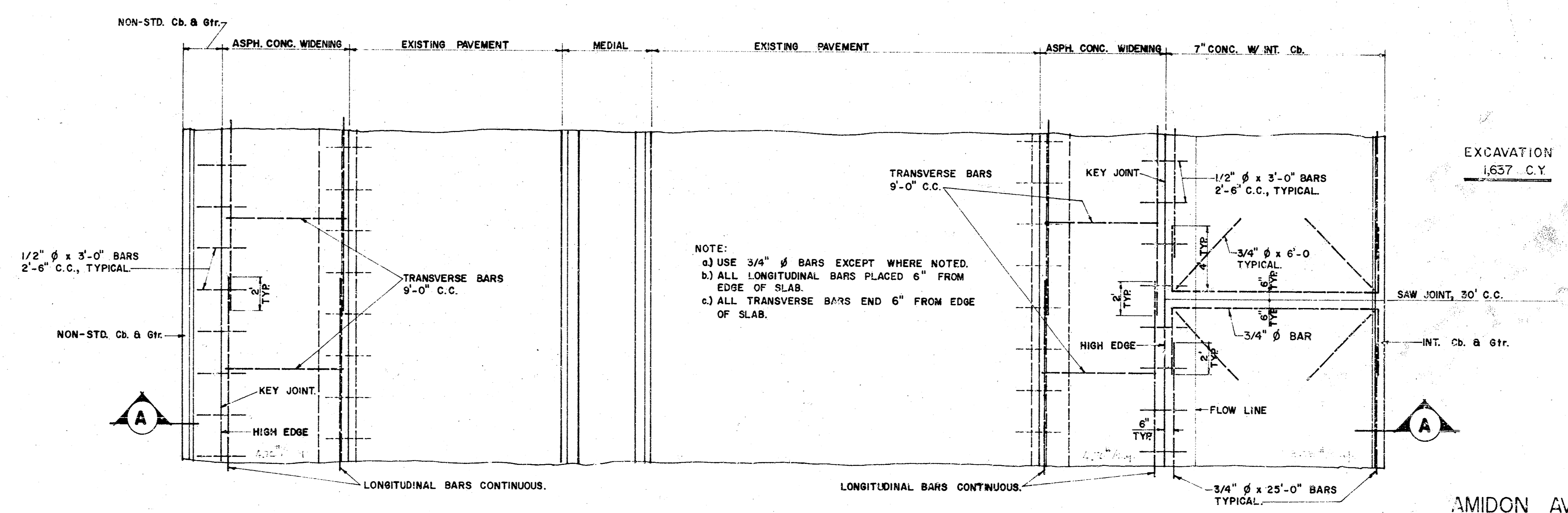


SECTION A-A

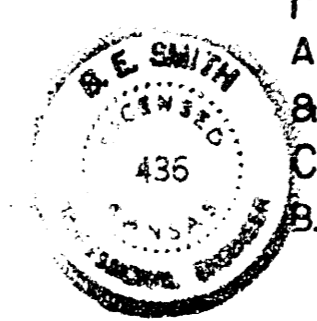


STEEL PATTERN

NOTE:
 a) USE 3/4" ϕ BARS EXCEPT WHERE NOTED.
 b) ALL LONGITUDINAL BARS PLACED 6" FROM EDGE OF SLAB.
 c) ALL TRANSVERSE BARS END 6" FROM EDGE OF SLAB.

CIVIL ENGINEER
 B. E. SMITH
 436
 WICHITA, KANSAS

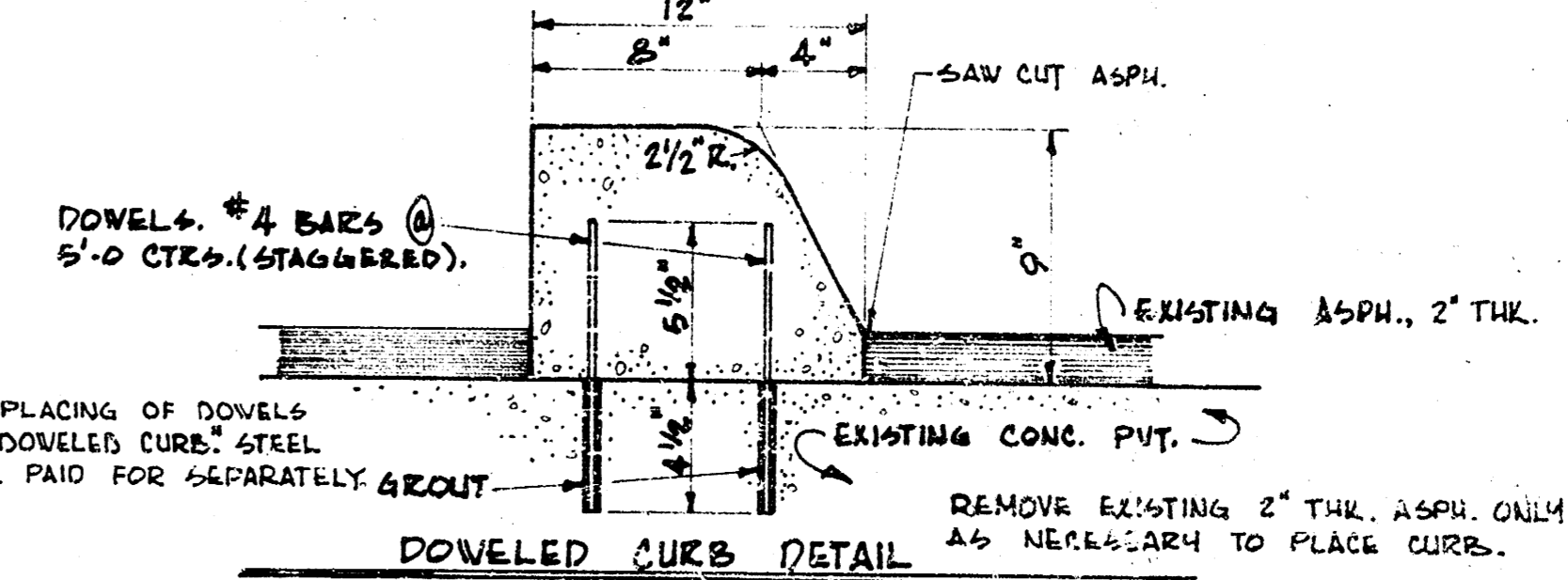
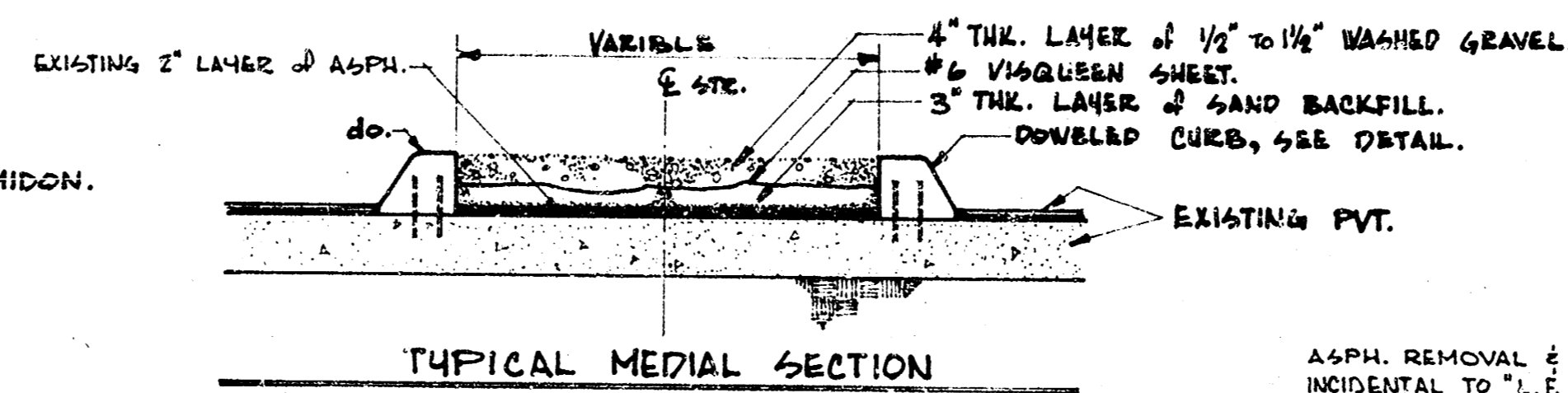
AMIDON AVENUE, WIDENING
 BRIDGE to 620' SOUTH of $\frac{1}{2}$ of 21st ST.
 PROJECT NO. C18-61
 ASPH. CONC. - WIDEN PVT., MEDIANS, LEFT TURN BAYS
 & DECELERATION LANES.
 CITY of WICHITA, KANSAS
 B. E. SMITH, CITY ENGINEER.
 8-68



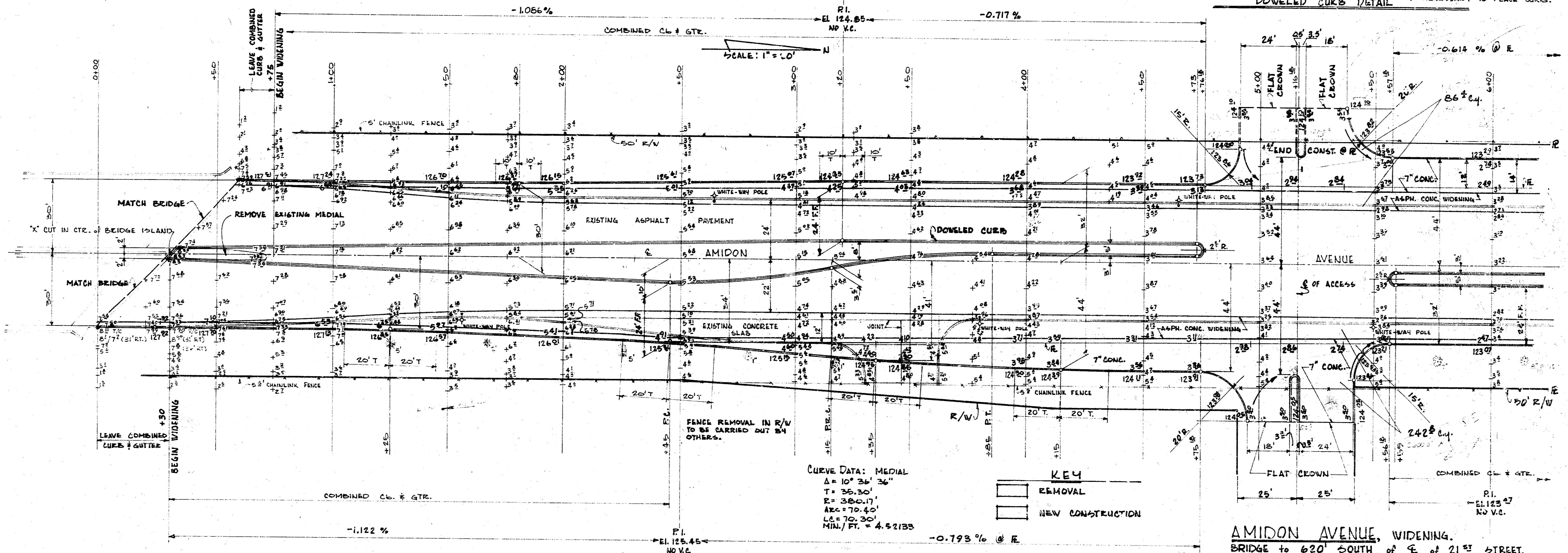
B.M. 127.93 1/4" STD. DIA. ON ALW. COR. RIVER BRIDGE ON AMIDON SOUTH OF 21ST ST.
 B.M. 123.51 1/2" Ø BOLT IN ASPH. CONC. PVT. ON E. AMIDON APPROX. 520' N. OF
 CTR. BRIDGE STA. 5+60.
 B.M. 123.76 3/4" CUT E. END N. RAD. TO ENTRANCE @ CTR. OF TWIN LAKES SHOPPING CTR. ON AMIDON.

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

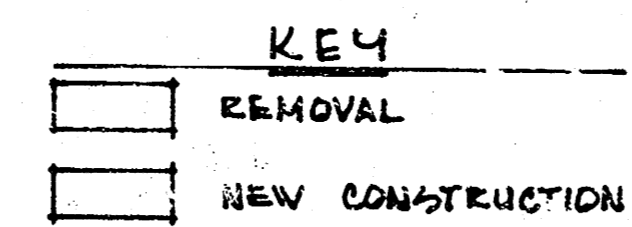
NOTE:
 GRADE TO EXISTING @ PROPERTY LINE.



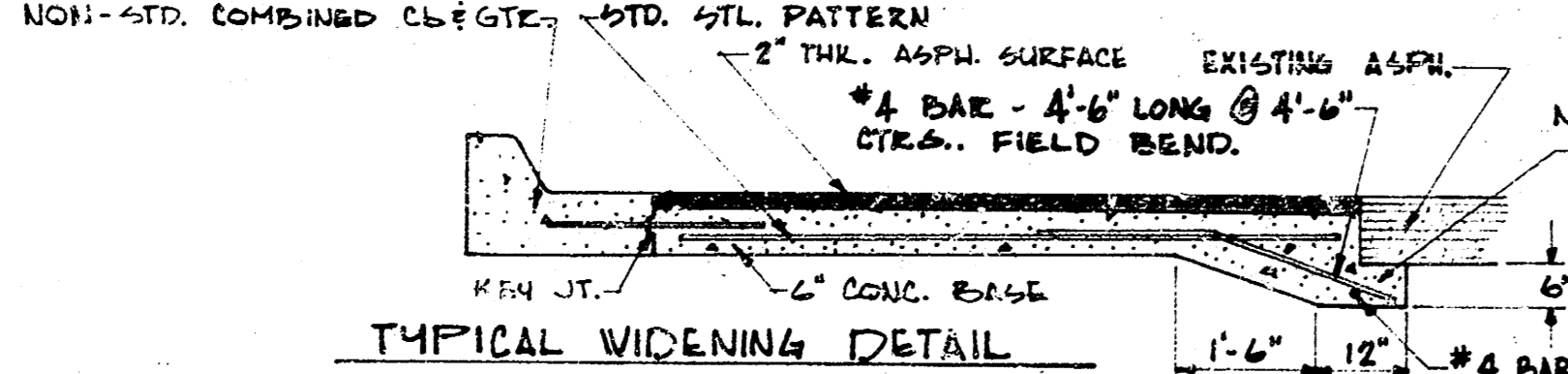
ASPH. REMOVAL & PLACING OF DOWELS INCIDENTAL TO "L.F. DOWELED CURB" STEEL & SAW JOINT TO BE PAID FOR SEPARATELY ABOUT
 REMOVE EXISTING 2" THK. ASPH. ONLY AS NECESSARY TO PLACE CURB.



CURVE DATA: MEDIAL
 $\Delta = 10^{\circ} 36' 36''$
 $T = 35.30'$
 $R = 350.17'$
 $ARC = 70.60'$
 $LC = 70.30'$
 MIN./FT. = 4.52133



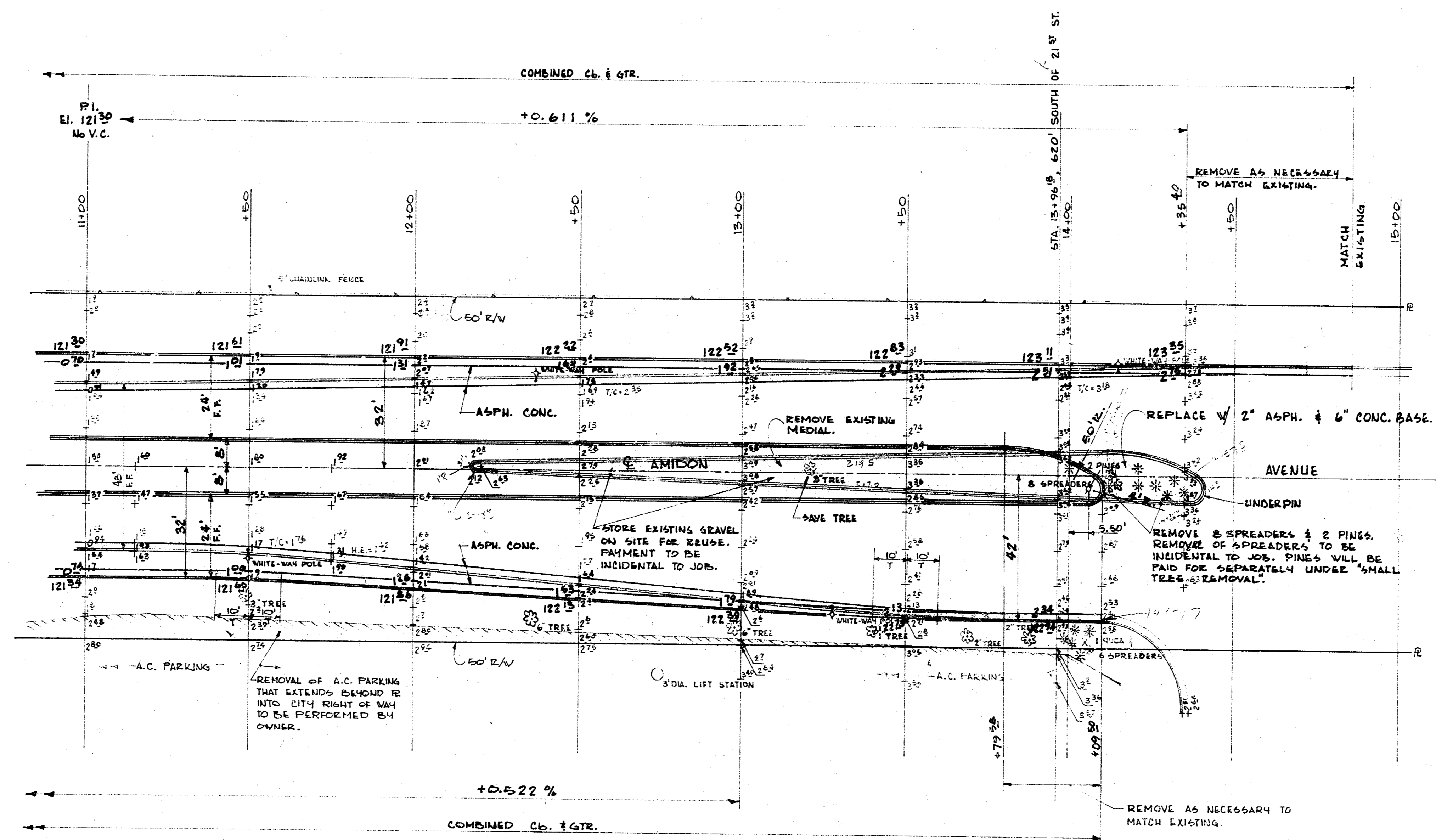
STA.	ARC	CHORD	DEFLECTION	ACCUM. DEFLECT.	STA.	ARC	CHORD	DEFLECTION	ACCUM. DEFLECT.
2+45	-	-	-	-	3+15	10.14	10.14	0° 45' 53"	0° 45' 53"
2+50	5.00	5.00	0° 22' 36"	0° 22' 36"	3+50	25.20	25.20	1° 53' 57"	2° 39' 50"
2+75	25.00	25.02	1° 53' 10"	1° 53' 10"	3+75	25.08	25.08	1° 58' 12"	4° 38' 24"
3+00	25.17	25.17	1° 58' 47"	4° 09' 33"	3+85	10.00	10.00	0° 45' 12"	5° 16' 18"
3+15	16.20	15.20	1° 08' 45"	5° 18' 18"					



NOTE:
 BID ITEM FOR "L.W. FT. UNDERPINNING" TO INCLUDE COST OF CONC. & EXCAVATION. STL. TO BE PAID FOR BY L.S. IF REBAR STL. LEAVE KEY JT. STL. IN PLACE UNLESS BROKEN.

AMIDON AVENUE, WIDENING.
 BRIDGE to 620' SOUTH of E of 21ST STREET.
 PROJECT NO. C18-61
 ASPH. CONC. - WIDEN PVT., MEDIANS, LEFT TURN EAVS, DECELERATION LANES.
 CITY of WICHITA, KANSAS.
 P.E. SMITH, CITY ENGINEER.

SCALE: 1" = 20'

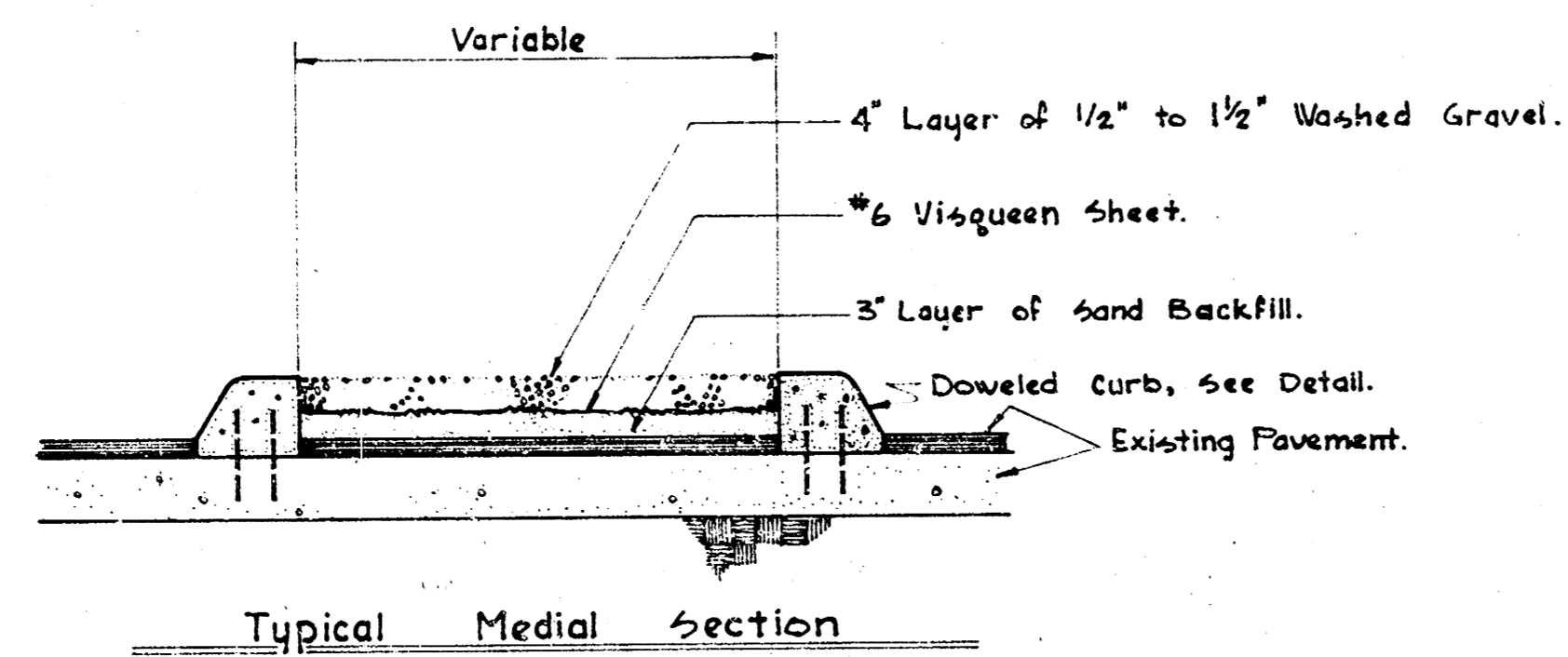


B.M. 127.93 CITY STD. DISC ON N.W. COR. RIVER BRIDGE ON AMIDON SOUTH OF 21ST ST.
 B.M. 123.51 1/2" BOLT IN A.C. PVT. ON E AMIDON APPROX. 520' N. OF CTR. BRIDGE STA. 5+50.
 B.M. 123.76 "X" CUT E. END N. RAD. TO ENTRANCE @ CTR. TWIN LAKES SHOPPING CTR. ON AMIDON.

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

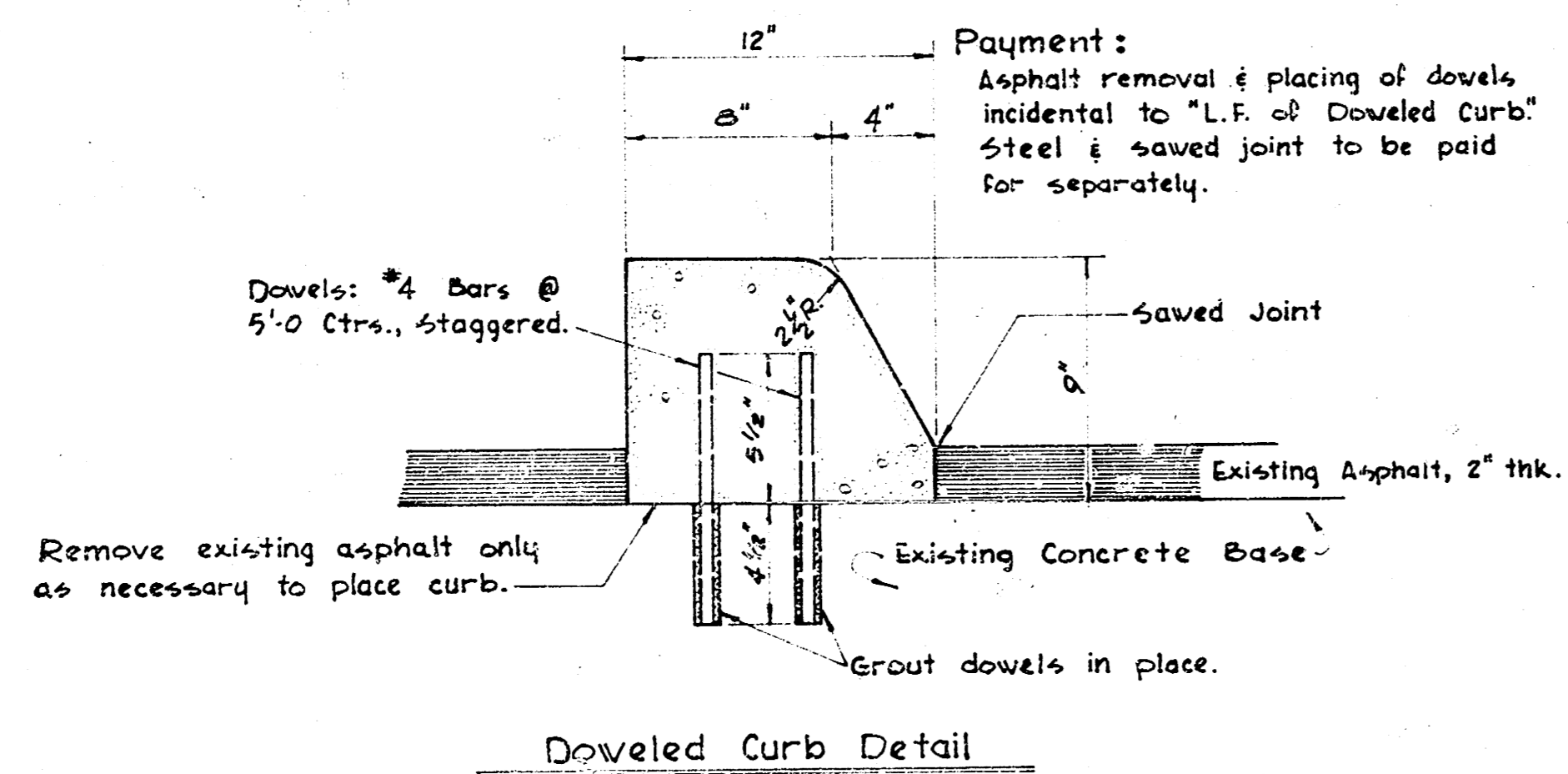
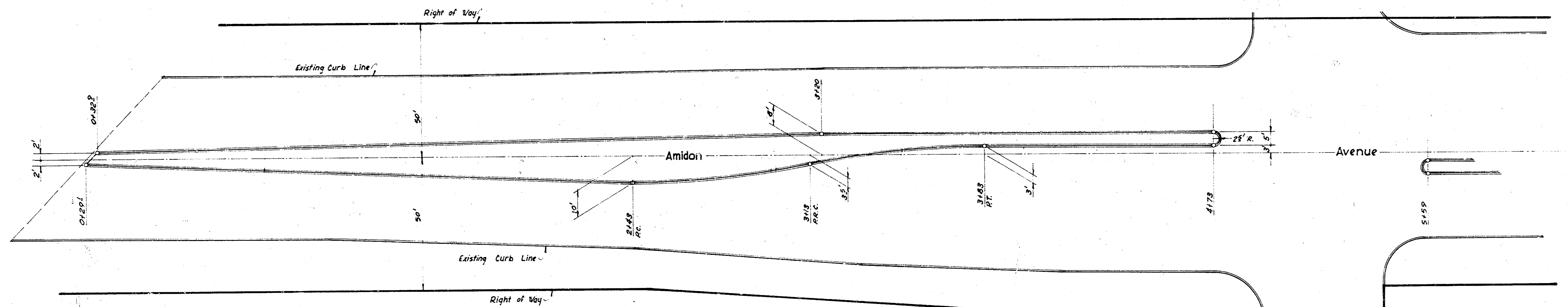
AMIDON AVENUE WIDENING
 PROJECT No. C 18-61

SHEET No. 4 of 10



Scale: 1"=20'

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



Curve Data for Reverse Curve:
 $\Delta = 107^{\circ} 36' 36''$
 $T = 55.30'$
 $R = 380.17'$
 $Arc = 70.40'$
 $LC = 70.30'$
 $Min./Pt. = 4.52133$

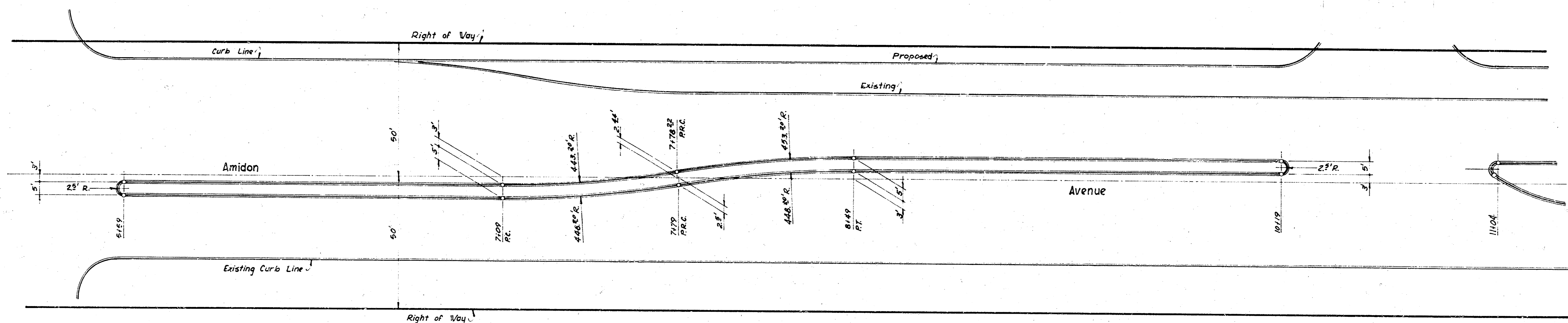
Sta.	Offset*	Sta.	Offset*
2143 P.C.	10.00' Right	2113 P.R.C.	3.50' Right
2153	9.67'	2123	1.76'
2163	9.47'	2133	0.31'
2173	8.51'	2143	0.89' Left
2183	7.89'	2153	1.81'
2193	6.69'	2163	2.47'
2103	5.24'	2173	2.87'
2113 P.R.C.	3.50'	2183 P.T.	3.00'

*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

Sheet 1R.

Scale: 1" = 20'



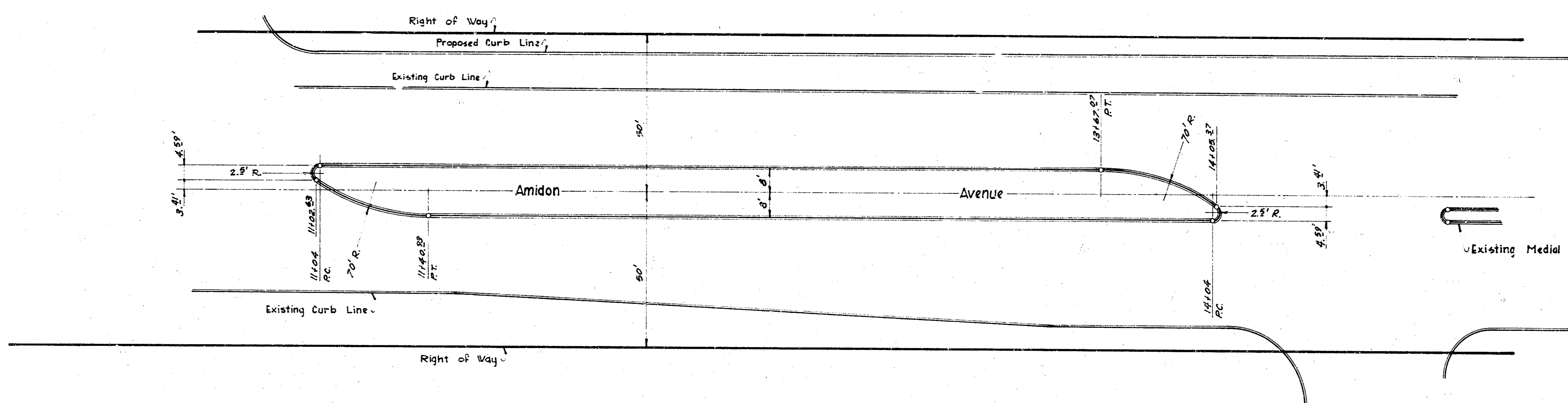
Curve Data for Reverse Curve (East curb of medial):

	Sta.	Offset *		Sta.	Offset *
R = 448.20'					
$\Delta = 8^{\circ}59'06''$	7+09 P.C.	8.00'	Right	7+79 P.R.C.	2.50' Right
T = 70.87'	7+19	7.89'	"	7+89	1.03' Right
Arc = 70.29'	7+29	7.56'	"	7+99	0.20' Left
L.C. = 70.22'	7+39	6.99'	"	8+09	1.21' "
Min./ft. = 3.83506	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 \mathcal{C} to face of curb.

Medial Revision for Amidon Avenue
Project No. C18-61

Scale: 1"=20'



Medial Revision for Amidon Avenue
Project No. C18-61

Sheet 3R.