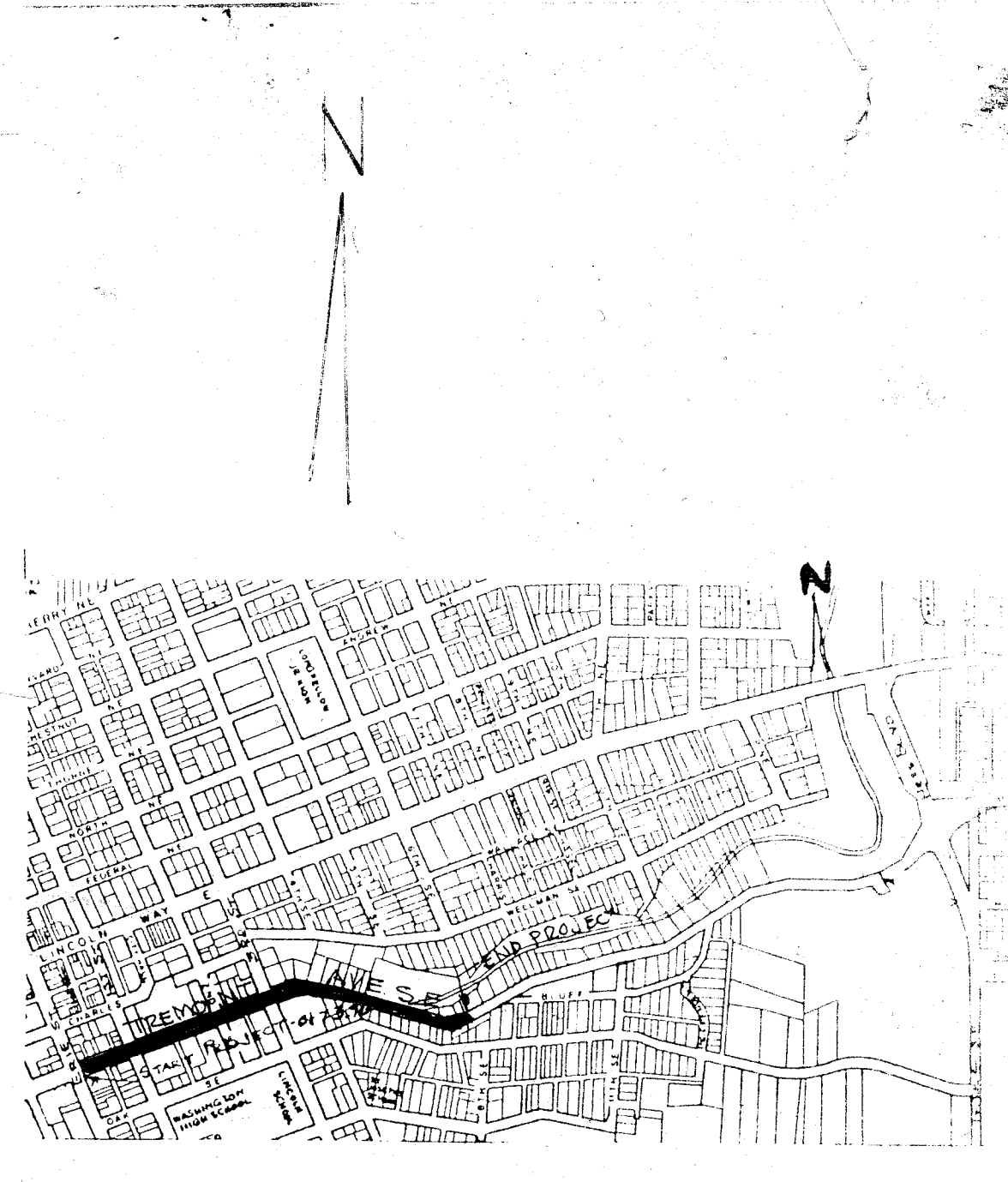
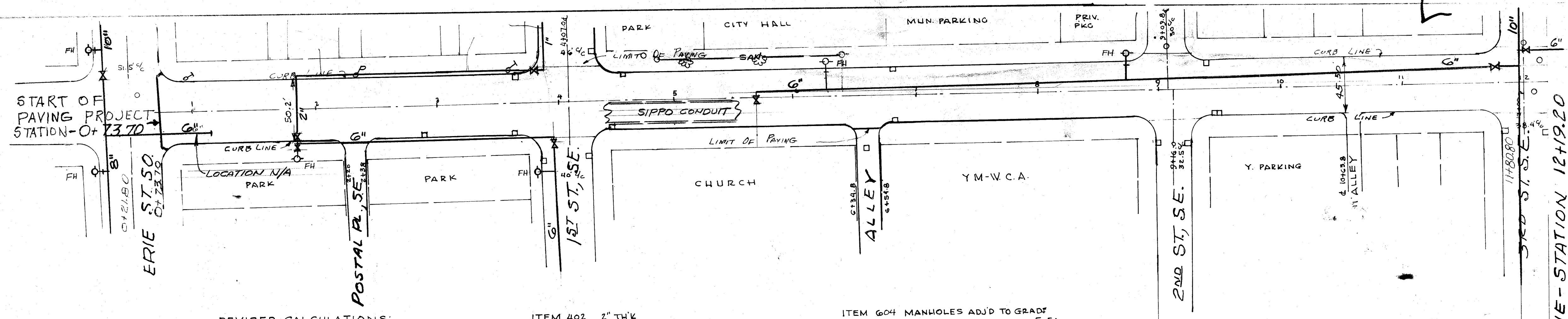




REVISED CALCULATIONS:

ITEM 404 1" THK.	16,781.86
0+73.7 to 4+07	334.3 x 50.2 = 16,781.86
4+07 to 12+19.2	812.2 x 45.5 = 36,955.10
12+19.2 to 15+50	330.8 x 38.75 = 12,818.50
15+50 to 20+81	531 x 32 = 16,992.00
SIDE STREETS	1,246.54
TOTAL	84,794.00 SF

ITEM 402 3/4" THK.	66,555.46
0+73.7 to 15+50	536 x 32 = 17,152.00
15+50 to 21+00	536 x 32 = 17,152.00
TOTAL	34,404.00 SF

ITEM 402 2" THK	10,368
20+81 to 24+05	334 x 32 = 10,688
TOTAL	10,368

ITEM 304 10" THK	321 CU YDS.
20+81 to 24+05	10' x 64' x 12' = 321 CU YDS.

ITEM 407 TACK COAT	66,555.46
0+73.7 to 15+50	17,152.00
15+50 to 21+00	17,152.00
TOTAL	34,404.00 SF

ITEM 408 PRIME COAT	935.06 GAL
10,368 x 0.10 GAL/SQ YD	935.06 GAL

ITEM 604 MANHOLES ADJ TO GRADE	5 EA
0+73.7 to 18+22.80 SHT 1	5 EA
18+22.80 to 23+85 SHT 2	6 EA
TOTAL	11 EA

ITEM 604 CATCH BASINS ADJ TO GRADE	11 EA
0+73.7 to 18+22.80 SHT 1	11 EA
18+22.80 to 23+85 SHT 2	4 EA
TOTAL	15 EA

PLANING ENTIRE SURFACE	66,555.46 SF
0+73.7 to 15+50	17,152.00
15+50 to 21+00	17,152.00
TOTAL	34,404.00 SF

FOR GENERAL NOTES
SEE CONTRACT BOOK

BENCH MARK
106.31 - TOP OF HYD. IN FRONT OF COAL YARD
107.11 - TOP OF HYD. IN FRONT OF HO#328

CALCULATIONS

ITEM 404 1" THK	16,781.86
0+73.7 to 4+07	334.3 x 50.2 = 16,781.86
4+07 to 12+19.2	812.2 x 45.5 = 36,955.10
12+19.2 to 15+50	330.8 x 38.75 = 12,818.50
15+50 to 20+81	531 x 32 = 16,992.00
SIDE STREETS	1,246.54
TOTAL	84,794.00 SF

ITEM 604 MANHOLES ADJ TO GRADE	5 EA
SHEET 1 0+73.7 to 18+22.80	5 EA
SHEET 2 18+22.80 to 23+85	6 EA
TOTAL	11 EA

ITEM 604 CATCH BASINS ADJ TO GRADE	11 EA
SHEET 1 0+73.7 to 18+22.80	11 EA
SHEET 2 18+22.80 to 23+85	4 EA
TOTAL	15 EA

ITEM 402 3/4" THK	66,555.46
0+73.7 to 15+50	536 x 32 = 17,152.00
15+50 to 21+00	536 x 32 = 17,152.00
TOTAL	34,404.00 SF

ITEM 402 2" THK	10,368
20+81 to 24+05	334 x 32 = 10,688
TOTAL	10,368

ITEM 304 10" THK	321 CU YDS.
20+81 to 24+05	10' x 64' x 12' = 321 CU YDS.

ITEM 407 TACK COAT	66,555.46
0+73.7 to 15+50	17,152.00
15+50 to 21+00	17,152.00
TOTAL	34,404.00 SF

ITEM 408 PRIME COAT	935.06 GAL
10,368 x 0.10 GAL/SQ YD	935.06 GAL

ITEM 604 MANHOLES ADJ TO GRADE	5 EA
0+73.7 to 18+22.80 SHT 1	5 EA
18+22.80 to 23+85 SHT 2	6 EA
TOTAL	11 EA

ITEM 604 CATCH BASINS ADJ TO GRADE	11 EA
0+73.7 to 18+22.80 SHT 1	11 EA
18+22.80 to 23+85 SHT 2	4 EA
TOTAL	15 EA

SEE ABOVE FOR REVISED CALCULATIONS

18+22.80 MATCH LINE SURFACE PAVEMENT
AND END OF HARD SURFACE PAVEMENT

REMOVALS

ITEM	QTY	UNIT
ITEM 202 CURB REMD	305	LF
ITEM 202 WALK REMD	1820	SQ FT
ITEM 202 C.B./S. REMD	2	EA
TOTAL	2127	

ESTIMATED QUANTITIES

ITEM	QTY	UNIT
ITEM 408 4" CONC WALK	1153	SQ FT
ITEM 408 6" CONC WALK	175	SQ FT
ITEM 609 6" CONC CURB	608	LF
ITEM 404 ASPH CONC 2" DRIVE	11	SQ YD
ITEM 457 ASPH CONC 4" DRIVE	3.2	SQ YD
TOTAL	1947	

SEWERS

ITEM	QTY	UNIT
ITEM 604 C.BASIN CITY TYPE A	1	EA
ITEM 604 C.BASIN CITY TYPE B	2	EA
ITEM 609 12" RCP CLASS 4	56	LF
ITEM 604 ADJUST MH'S TO GRADE	4	
TOTAL	63	

DETAIL CURVE REDUCTION
SCALE 1"=20'

CITY OF MASSILLON, OHIO

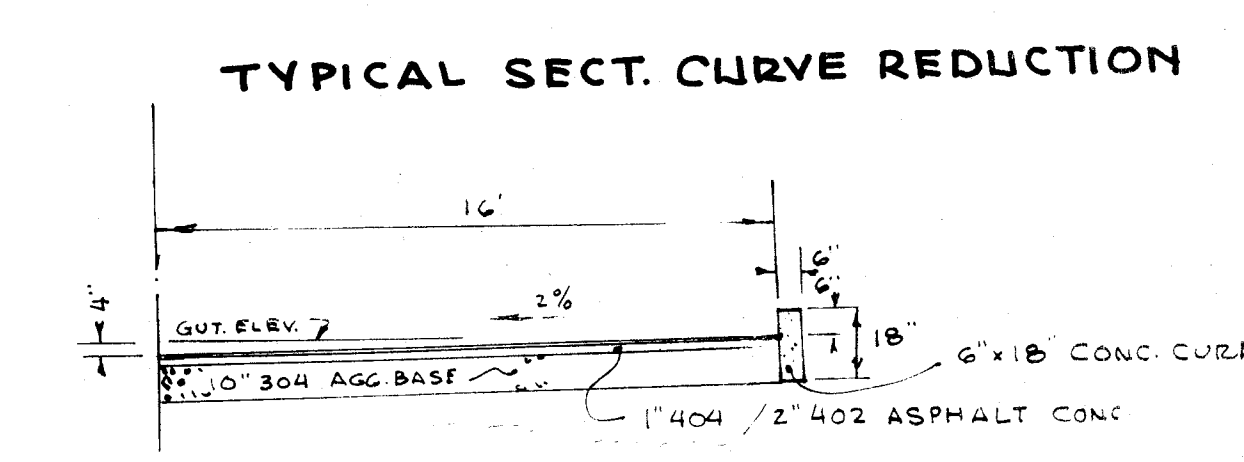
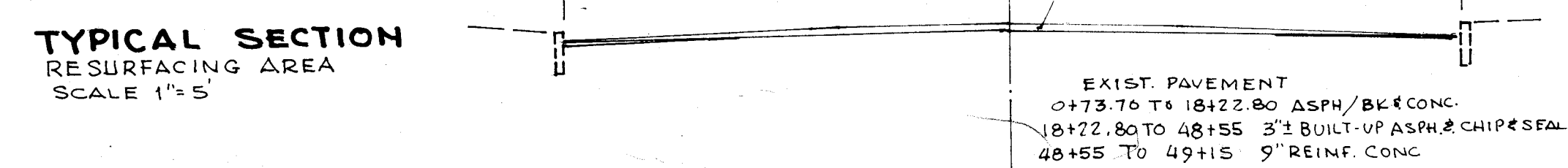
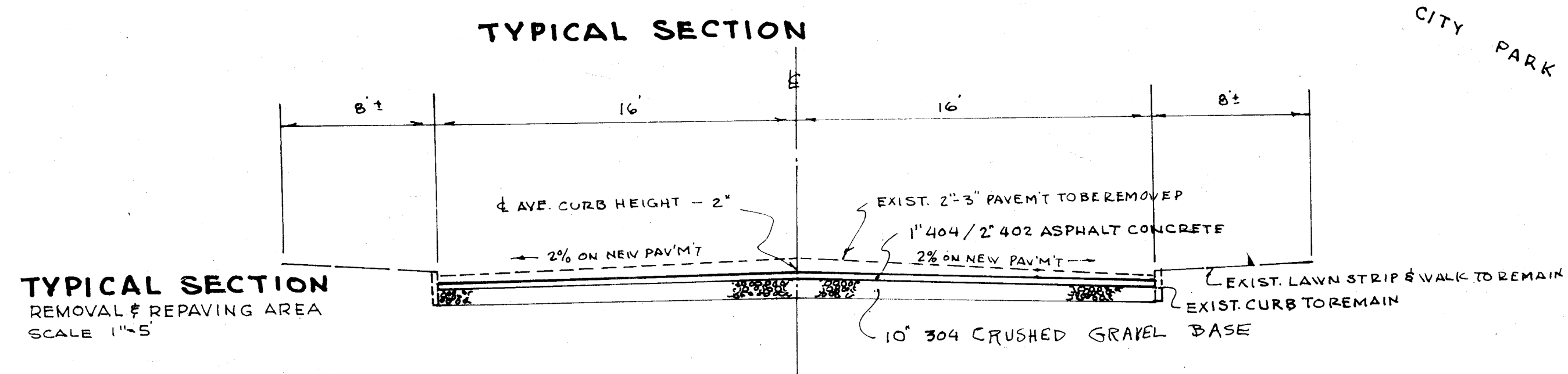
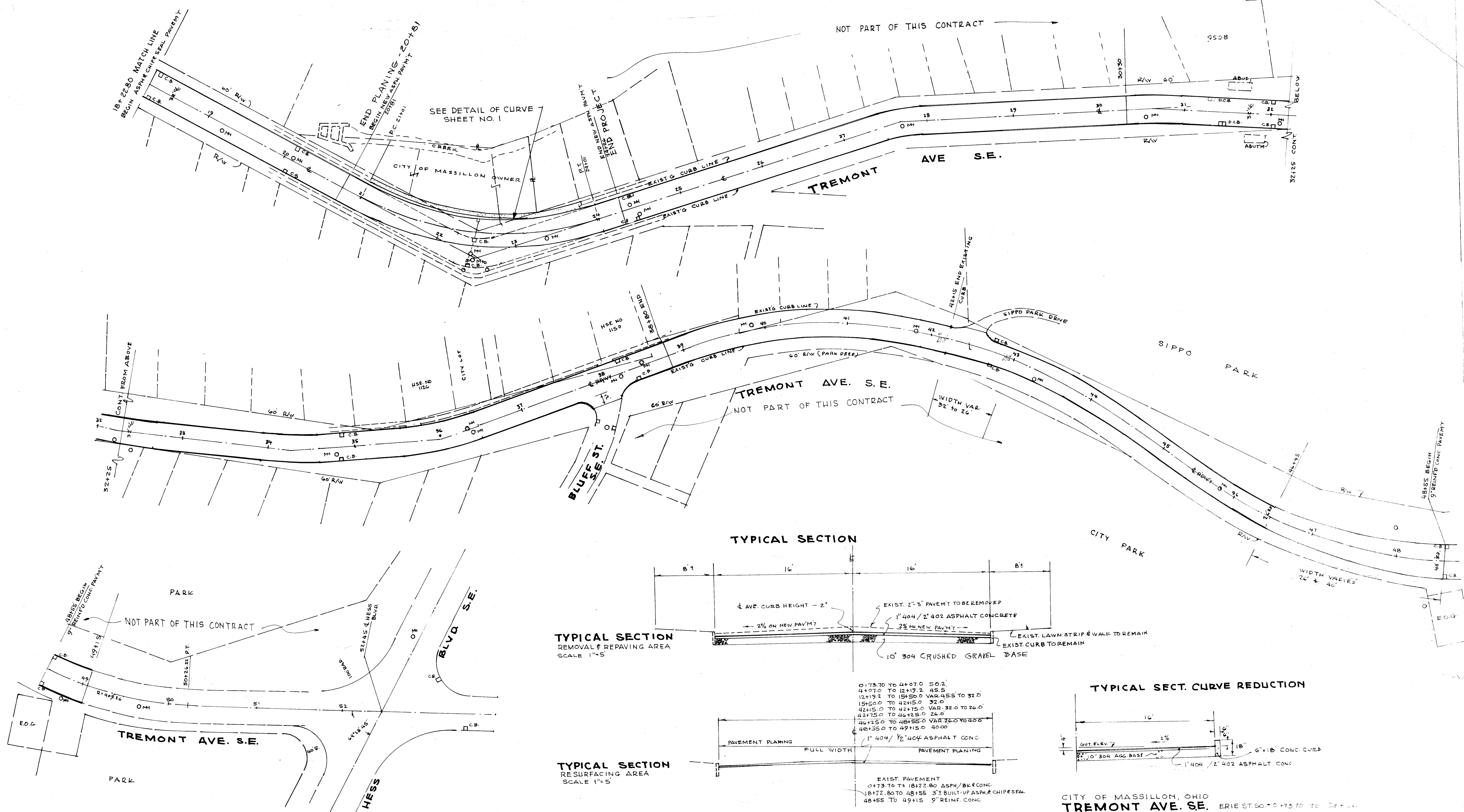
TREMONT AVE S.E.
REPAVING
From Erie St. So. Easterly

CITY ENGINEER DEPT OF PUBLIC WORKS
ROBERT WAGONER DIVISION OF ENGINEERING

DRAWN BY: [Signature]
DATE: 6/15/87

FILE NO P-322 ACC NO 3058

OHIO WATER SERVICE CO.
123 Third Street, S.E.
P.O. Box 584
Massillon, Ohio 44648



CITY OF MASSILLON, OHIO
TREMONT AVE. S.E.
 REPAVING & RESURFACING
 SCALE 1"=50'
 REVISED JUNE 1987

PREPARED BY: DEPT. OF PUBLIC SERVICE
 ENGINEERING DIVISION
 J. E. VANDERHART, CITY ENGINEER

