

CITY OF MASSILLON, OHIO

PAVING & RESURFACING PLANS

RESURFACING— COVENTRY DR. NE., LORI-JO LN. S.W., HOWARD AVE. NW., STATE AVE. NE., 27th ST. SE.
COLONIAL PKWY. NE., 12th ST. NW., 18th ST. NW., MILLSTONE LN. NE., 16th ST. SE., 5th ST. SW.
32nd ST. N.W., 27th ST. NW., 29th ST. NW., HEMLOCK ST. N.W., POPLAR AVE. N.W., MERINO CIR.
MAYFLOWER AVE. NW., PURITAN CIR. NW., WINSLOW AVE. N.W., 10th ST. NE., SPRINGHILL NE.
OXFORD AVE. NE., BENNINGTON AVE. NE., ROOSEVELT ST. NE., JEFFERSON RD. NE.,
17th ST. N.W., OVERLOOK AVE. S.W.

GENERAL NOTES

ALL CONSTRUCTION TO BE CITY OF MASSILLON SPECIFICATIONS AND STANDARDS, AND THE LATEST ADDITION OF THE STATE OF OHIO, DEPT. OF TRANSPORTATION, CONSTRUCTION AND MATERIAL SPECIFICATIONS.
A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE CONTRACTOR, SUB-CONTRACTORS, CITY ENGINEER E.E.O. OFFICER.
THE E.E.O. OFFICER SHALL RECEIVE THE REQUIRED WEEKLY AND MONTHLY REPORTS ON THIS PROJECT.
WHEN CONFLICTS ARISE OVER THE INTERPRETATION OF NOTES AND DETAILS IN THE DRAWINGS, THE DRAWINGS TAKE PREFERENCE OVER GENERAL PROVISIONS AND SPECIFICATIONS THAT APPEAR IN THE CONTRACT.
THE CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL ON ALL STREETS PER ITEM 614, MAINTAINING TRAFFIC AT ALL TIMES, HE SHALL POST STREETS FOR NO PARKING THE DAY BEFORE PAVING IS BEGUN.
ALL CONSTRUCTION PAVING AND RESURFACING SHALL BE COMPLETED BEFORE _____, UNLESS ORDERED BY THE CITY.
THE CITY RESERVES THE RIGHT TO DELETE SOME OF THE STREETS IN THIS PROJECT, IF THE PROJECT EXCEEDS THE CAPITAL, THE CITY HAS ON HAND.
THE CONTRACTOR MAY USE ADJUSTING RINGS, BUT TYPE MUST BE APPROVED BY THE ENGINEER.

ITEM SPECIAL - PAVEMENT PLANING

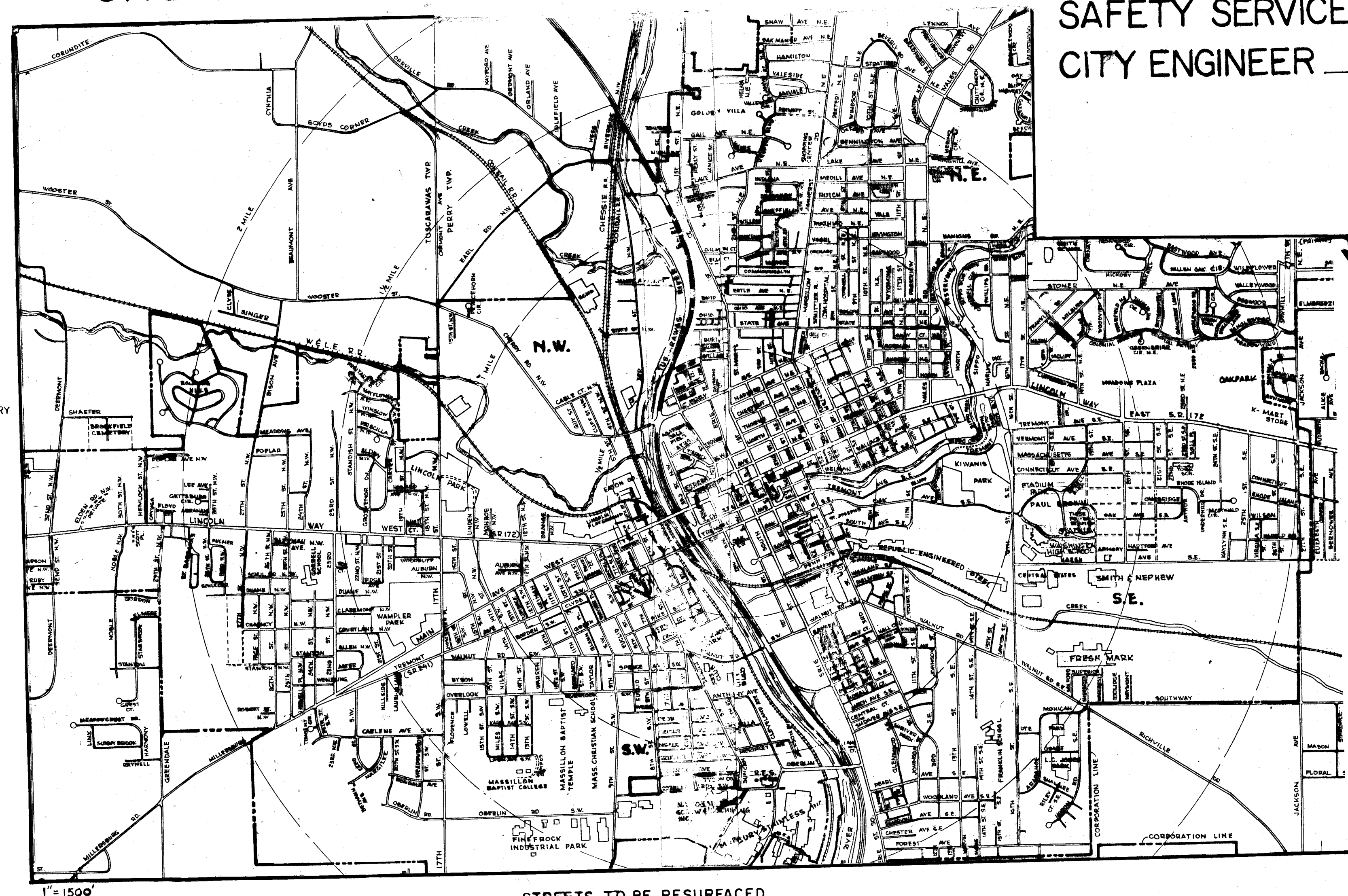
BITUMINOUS, WITHOUT HEATING THE CONTRACTOR SHALL PLANE OFF EXISTING ASPHALT SURFACE, AS SHOWN ON THE TYPICAL SECTIONS TO THE LIMITS SHOWN ON THE PLANS.
THE PLANNER USED SHALL BE CAPABLE OF PLANING DIRECTLY ADJACENT TO A CURB. THE CONTRACTOR SHALL USE REASONABLE CARE TO NOT DAMAGE EXISTING CURBING. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR REPLACE ANY CURBING DAMAGE, AS A RESULT OF THIS WORK AT HIS EXPENSE, TO KEEP THE WORK AREAS CLEAR OF DEBRIS AND GRINDINGS. TO MAKE THE PLANED SURFACE AVAILABLE TO TRAFFIC AS SOON AS POSSIBLE AFTER PLANING OPERATIONS ARE COMPLETE AND TO CLEAN ALL PAVEMENT SURFACES IMMEDIATELY PRIOR TO RESURFACING. THE ASPHALT MATERIAL THAT IS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH SECTION 203.05.
PAYMENT FOR THIS WORK WILL BE MADE AT UNIT PRICE BID PER SQUARE YARD OF ITEM SPECIAL - PAVEMENT PLANING AND SHALL CONSTITUTE FULL COMPENSATION FOR FURNISHING ALL MATERIALS AND EQUIPMENT NECESSARY TO PLANE THE EXISTING PAVEMENTS AS SHOWN ON THE PLANS.

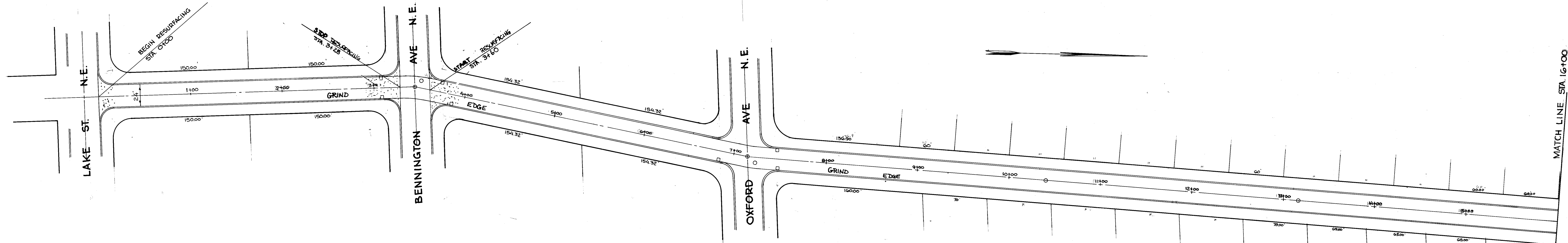
SHEETS

INDEX OF STREETS

- 1.
2. COVENTRY RD. NE., OXFORD AVE. NE.
3. SPRINGHILL AVE. NE., MERINO CIR. NE.
4. COLONIAL PKWY. NE., MILLSTONE LN. NE.
5. BENNINGTON AVE. NE., OVERLOOK AVE. SW., LORI-JO LN. SW.
6. JEFFERSON RD. NE., 12th ST. NW., HOWARD AVE. NW., 18th ST. NW.
7. 29th ST. NW., MAYFLOWER NW., WINSLOW NW., PURITAN & STANDISH CIR. NW.
8. HEMLOCK ST. NW., POPLAR AVE. NW.
9. 16th ST. SE., 27th ST. NW.
10. 27th ST. SE., 32nd ST. NW.
11. 17th ST. SW., 5th ST. SW. & NW.
12. ROOSEVELT ST. NE.
13. ROOSEVELT ST. NE.

SITE MAP



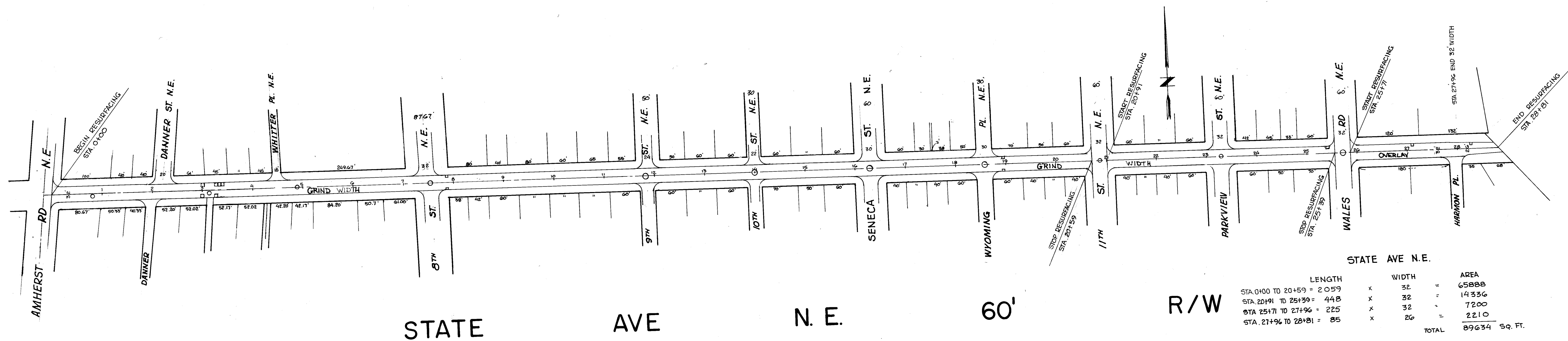
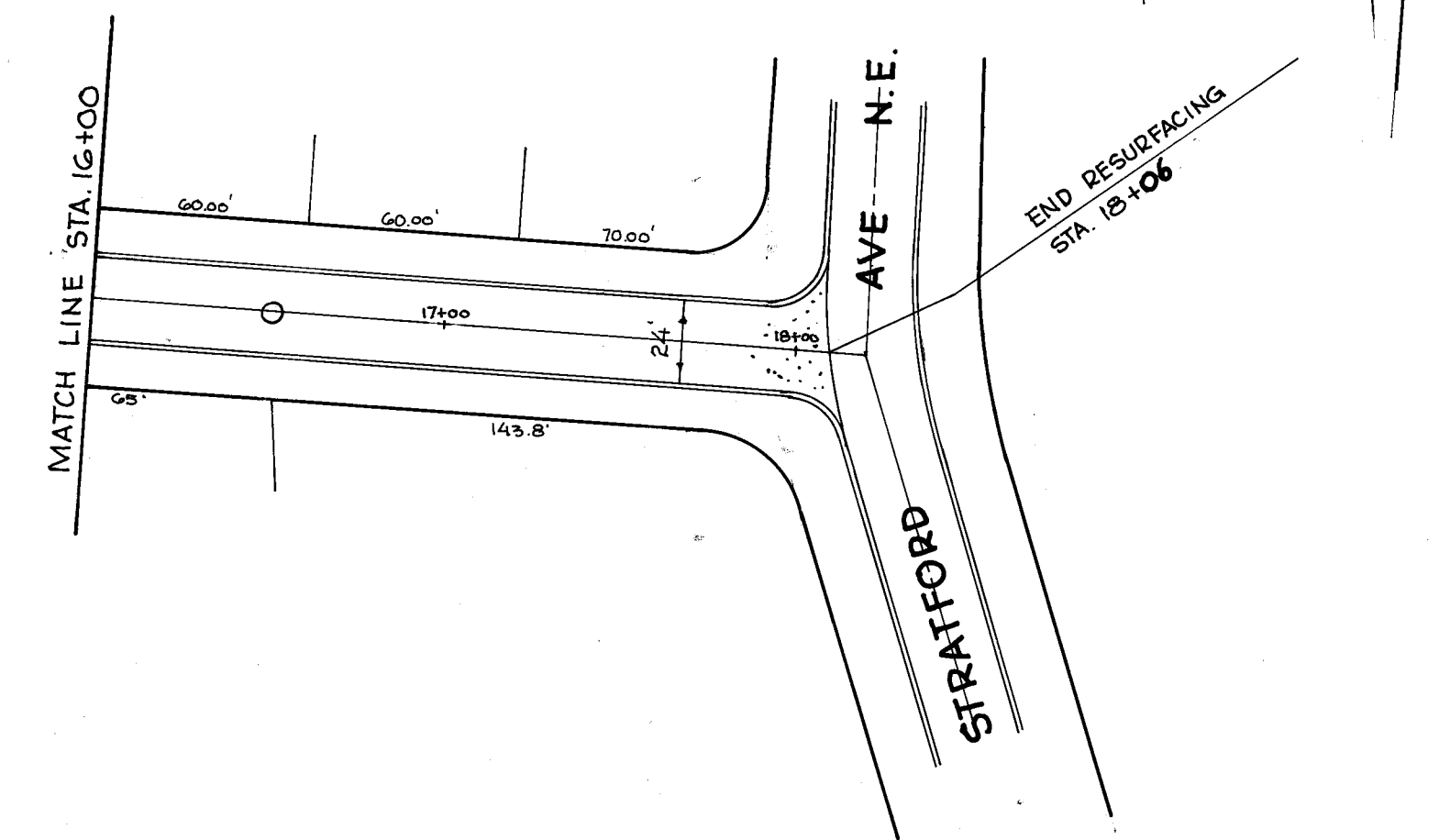
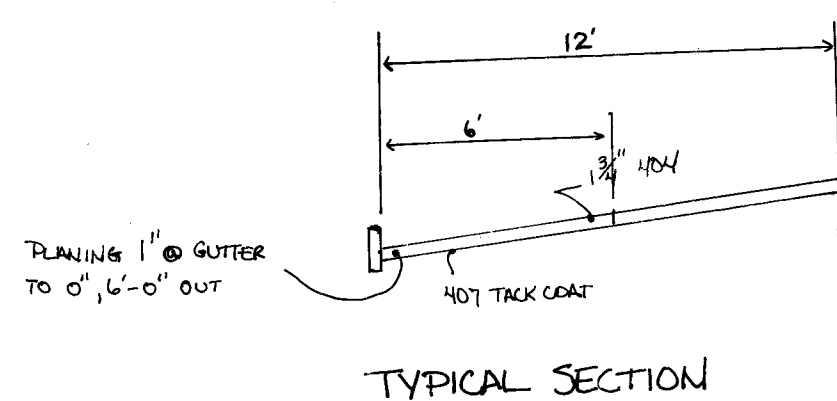


10TH ST. N.E. 50' R/W

CALCULATIONS: STA 0+00 to 3+28, 3+60 to 18+06 PAVT PLANING @ 24' PARTIAL WIDTH

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PLANING (S.V.)	2394.70 S.V.
301	BIT. AGG. BASE (C.V.)	ENGINEERS DIRECTION
404	ASPHALT CONC. (C.V.)	234.40 C.V.
604	ADJUST CATCH BASIN	7
	MANHOLE	7

10TH ST. N.E.
LENGTH 1810 x WIDTH 24' = AREA 43440 SQ. FT.

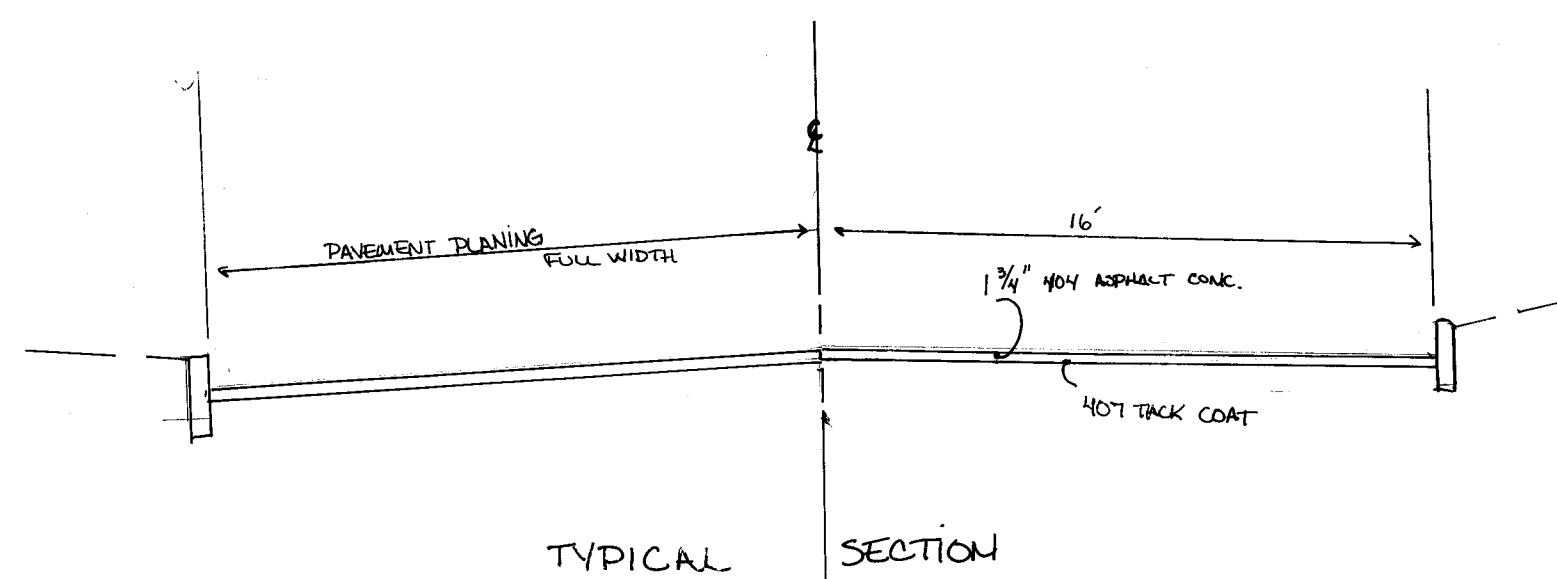


STATE AVE N.E. 60' R/W

STATE AVE N.E.	LENGTH	WIDTH	AREA
STA 0+00 TO 20+59	2059	32	65888
STA 20+91 TO 25+39	448	32	14336
STA 25+71 TO 27+96	225	32	7200
STA 27+96 TO 28+81	85	26	2210
TOTAL			89634 SQ. FT.

CALCULATIONS: STA 0+00 to 20+59, STA 20+91 to 25+39 PAVT PLANING FULL WIDTH @ 32'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PLANING (S.V.)	9273.10 S.V.
404	ASPHALT CONC. (C.V.)	479.70 C.V.
604	ADJUST CATCH BASIN SINGLE	10
	TRIPLE	1
	MANHOLE	8



RESURFACING

CITY OF MASSILLON, OHIO
10TH STREET N.E. 50' R/W
STATE AVE N.E. 60' R/W

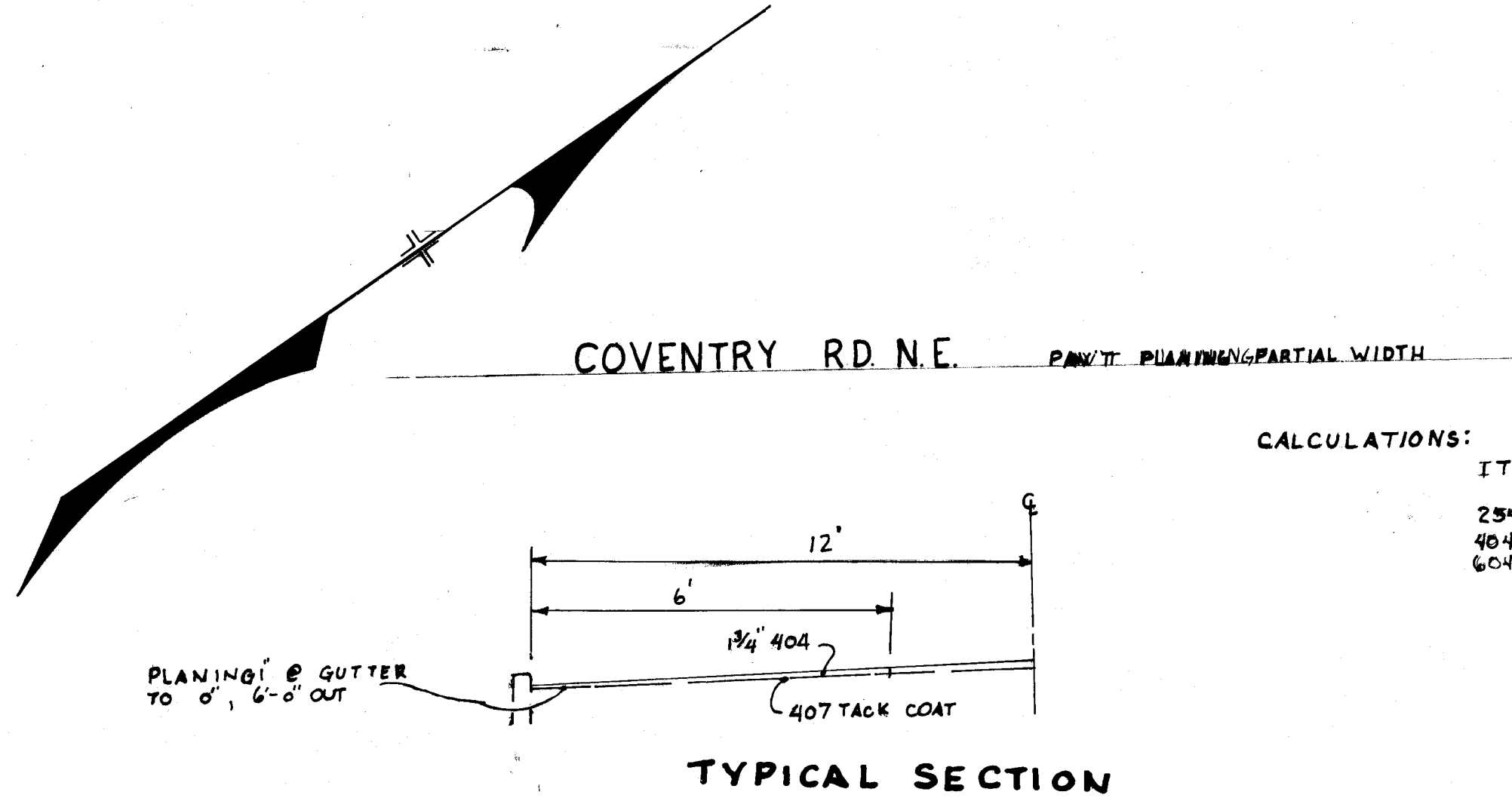
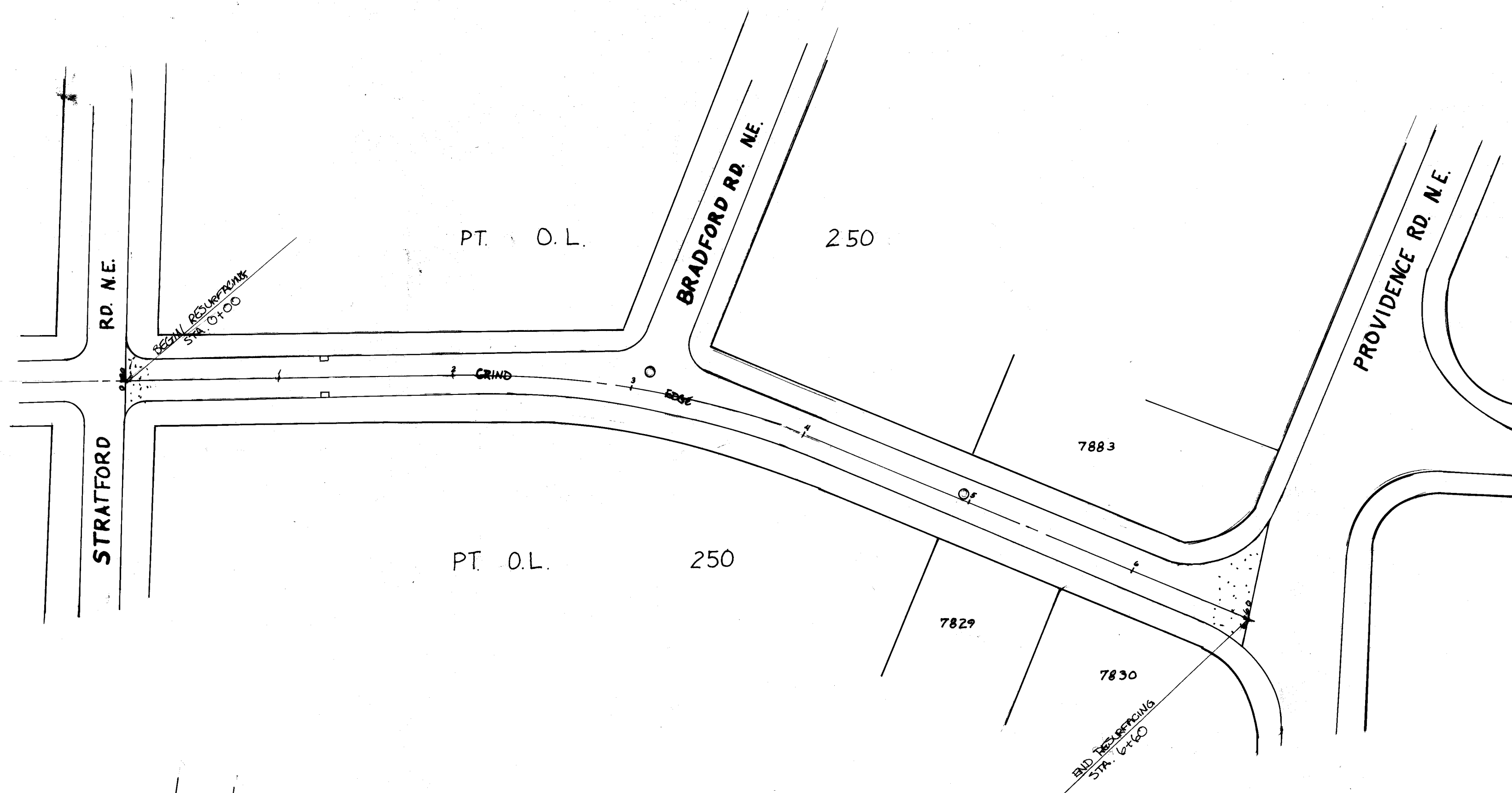
DR BY RONNIE MCPHERSON
CITY ENG. ROBERT WAGONER

DEPT. OF PUBLIC SERVICE
ENGINEERING DIVISION

SCALE 1"=50', 1"=100'

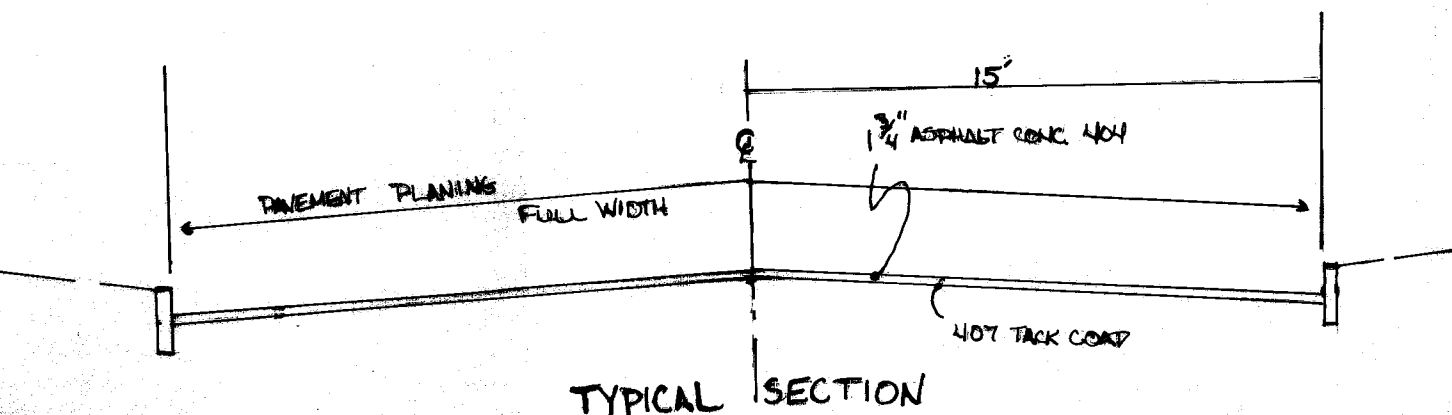
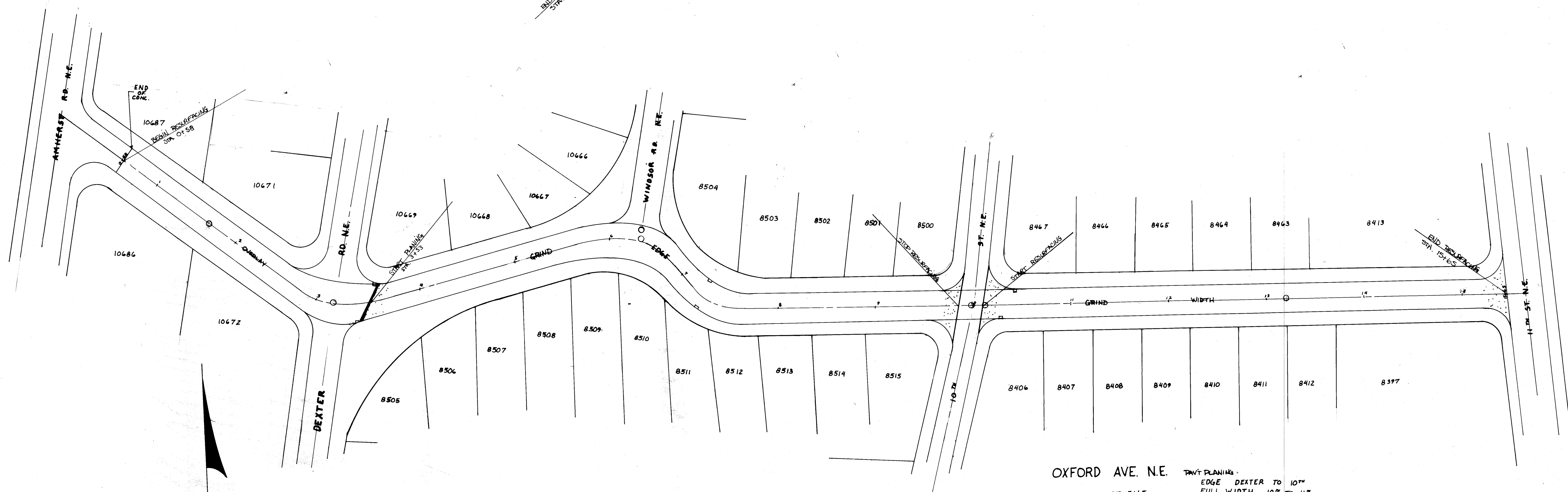
DATE 4-10-91

P328 Ac. No. 3116



CALCULATIONS: STA 0+00 TO STA 6+60 @ 24' WIDTH

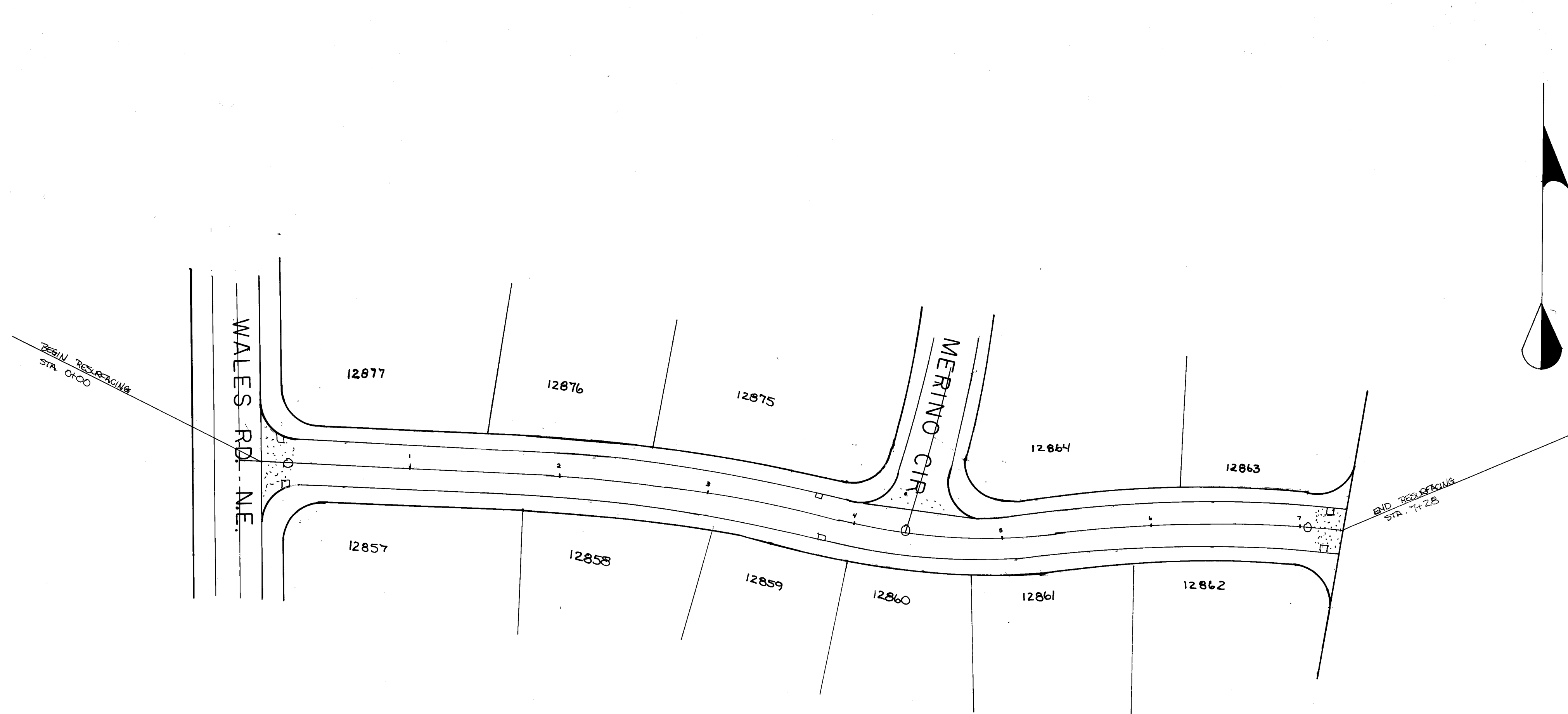
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PAY'T PLANING (S.Y.)	880
404	ASPHALT CONC. (C.Y.)	85.5
604	ADJUST C.B. SINGLE MANHOLE	2



CALCULATIONS: STA 0+58 TO STA 15+65

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PAY'T PLANING (S.Y.)	2700.00 S.Y.
301	BIT. AGG. BASE (C.Y.)	221.40 C.Y.
404	ASPHALT CONC. (C.Y.)	10
604	ADJUST C.B. SINGLE MANHOLE	7

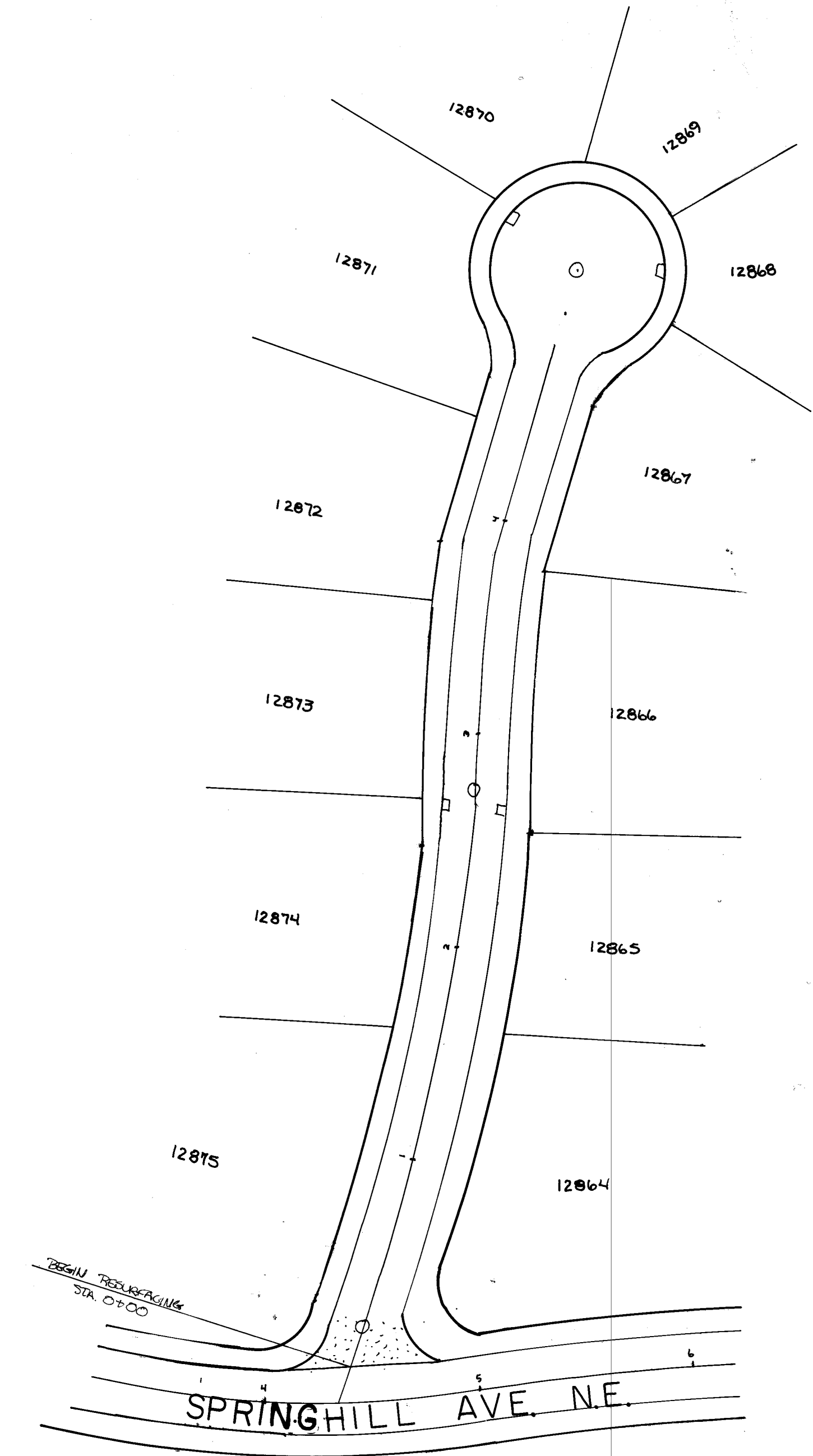
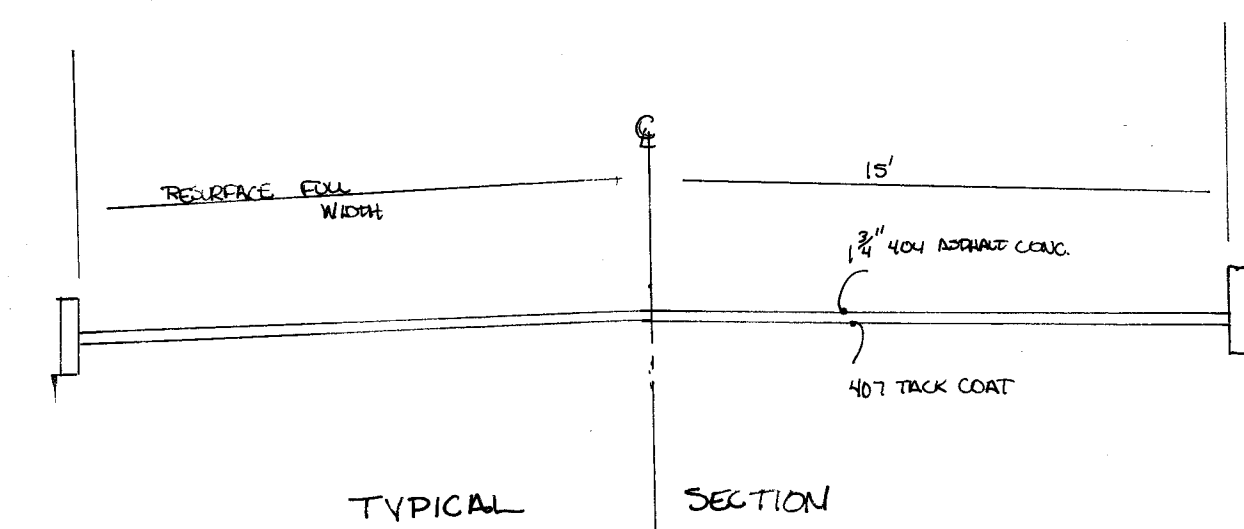
CITY OF MASSILLON, OHIO	
RESURFACING	
COVENTRY RD. N.E.	OXFORD AVE. N.E.
DR BY STEVE HANIT	DEPT. OF PUBLIC SERVICE
CITY ENG. ROBERT WAGONER	ENGINEERING DIVISION
SCALE 1" = 50'	DATE 4/16/91
2/12	



SPRINGHILL AVE. N.E.

CALCULATIONS: STA 0+00 to STA 74.28 OVERLAY 6" @ 30'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (C.Y.)	116.9 C.Y.
604	ADJUST CATCH BASINS	6
	MANHOLES	3

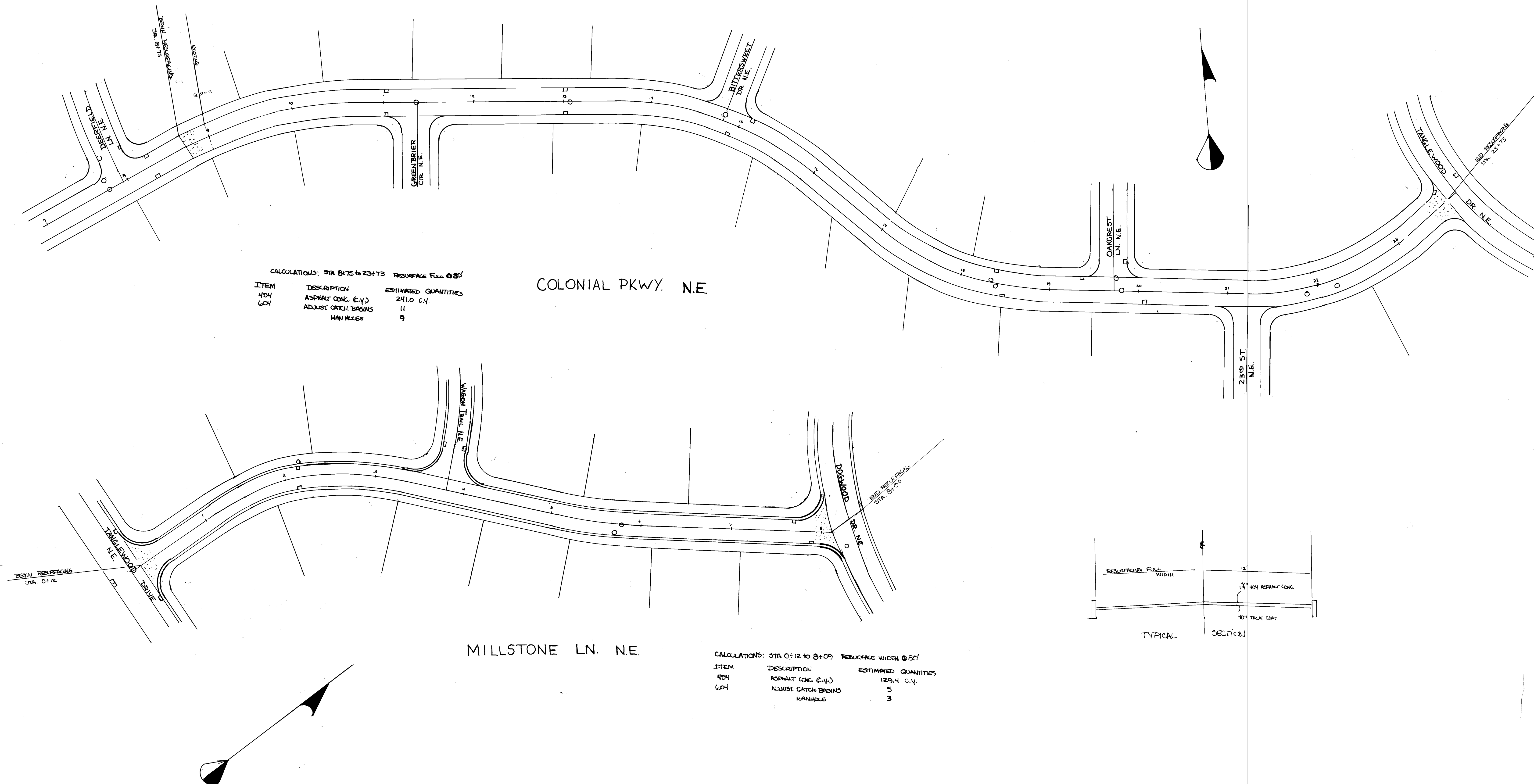


MERINO CIR. N.E.

CALCULATIONS: STA 0+00 to END OVERLAY 6" @ 30'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (C.Y.)	107 C.Y.
604	ADJUST CATCH BASINS	4
	MANHOLES	3

CITY OF MASSILLON, OHIO			
RESURFACING			
SPRINGHILL AVE. N.E.		MERINO CIR. N.E.	
DR BY GREG McCUE	DEPT OF PUBLIC SERVICE ENGINEERING DIVISION		
CITY ENG ROBERT WAGONER			
SCALE 1" = 50'	APRIL 26th, 1991		3/12

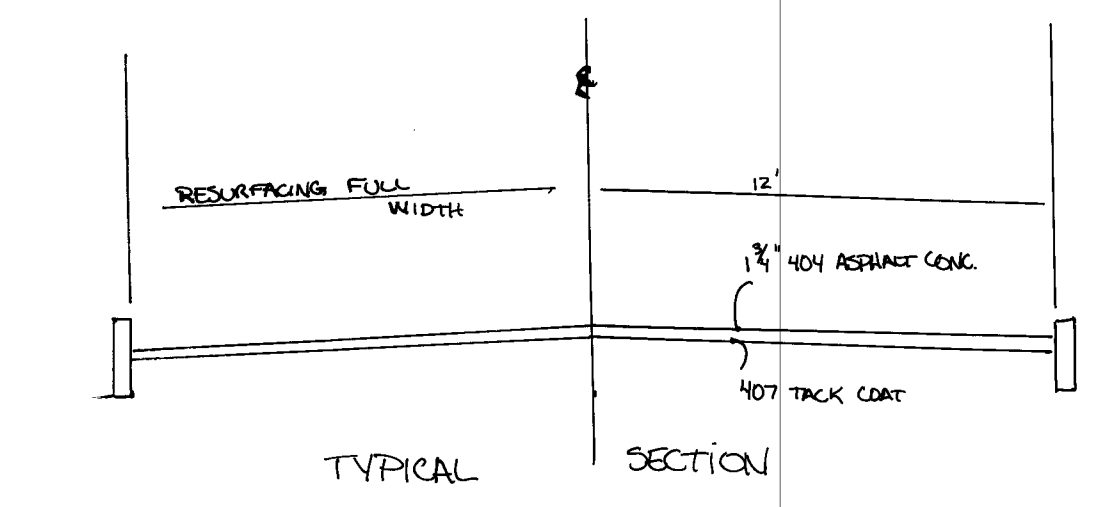


CALCULATIONS: STA 8+75 to 23+73 RESURFACE FULL @ 30'

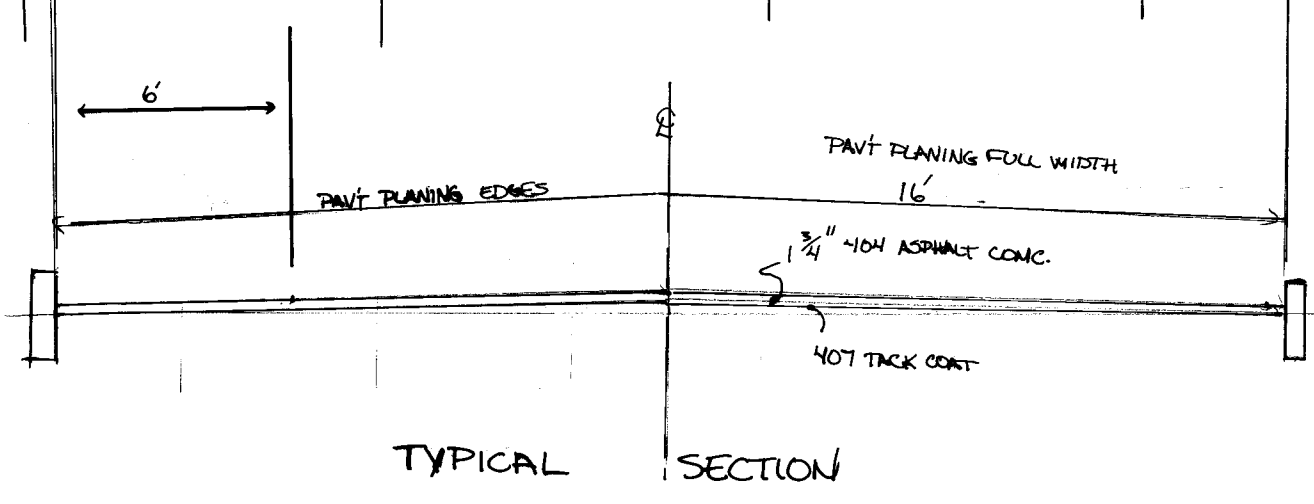
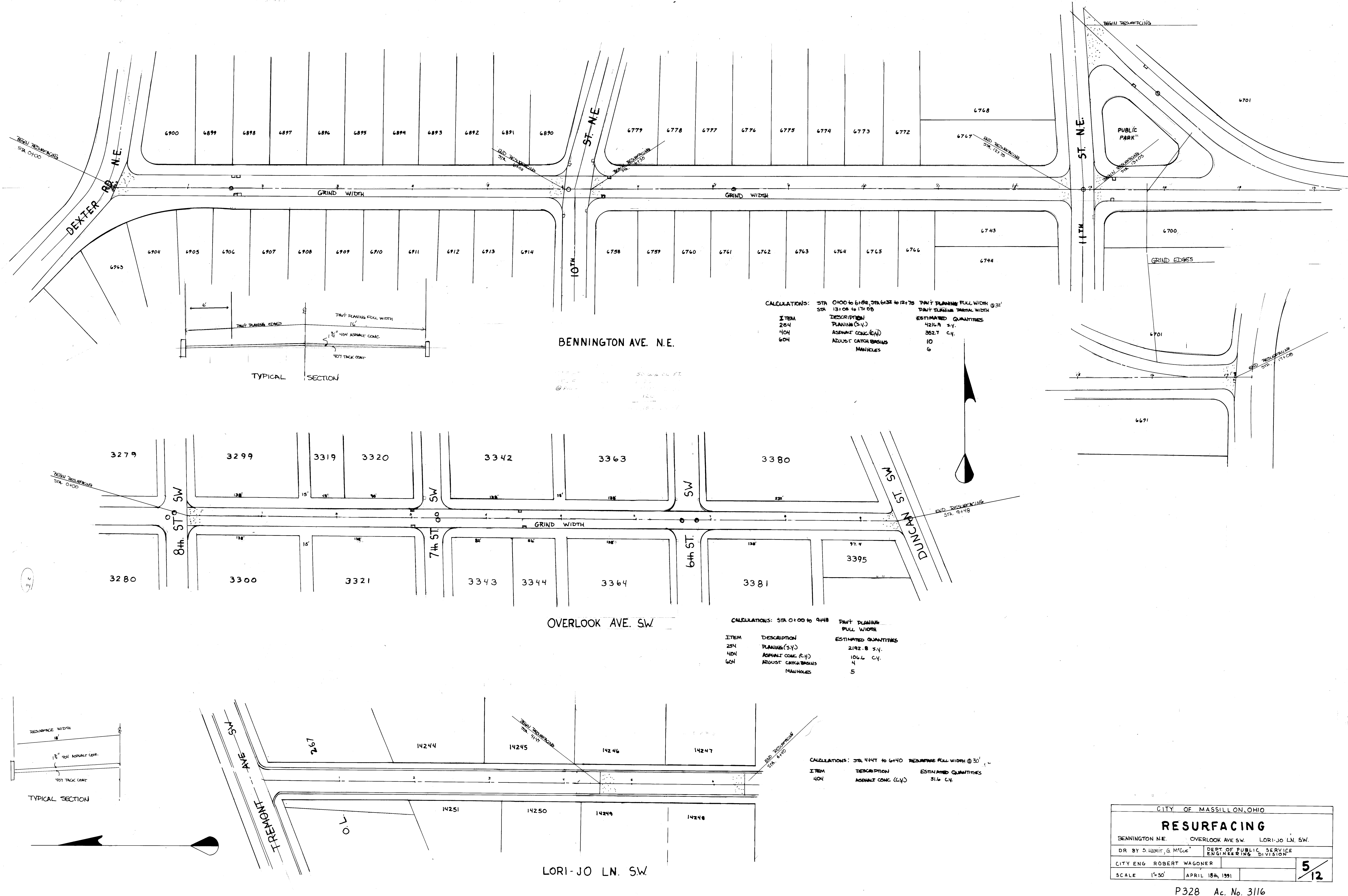
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (C.Y.)	241.0 C.Y.
604	ADJUST CATCH BASINS	11
	MAN HOLES	9

CALCULATIONS: STA 0+12 to 8+09 RESURFACE WIDTH @ 30'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (C.Y.)	129.4 C.Y.
604	ADJUST CATCH BASINS	5
	MANHOLE	3



CITY OF MASSILLON, OHIO			
RESURFACING			
COLONIAL PKWY. N.E.		MILLSTONE LN. N.E.	
DR BY GREG MCCUE		DEPT OF PUBLIC SERVICE ENGINEERING DIVISION	
CITY ENG. ROBERT WAGONER			
SCALE 1"=50'	APRIL 19th, 1991	4/12	
P328 Ac. 3116			



CALCULATIONS: STA 0100 to 6182, STA 6182 to 12170 PAV'T PLANNING FULL WIDTH @ 32'

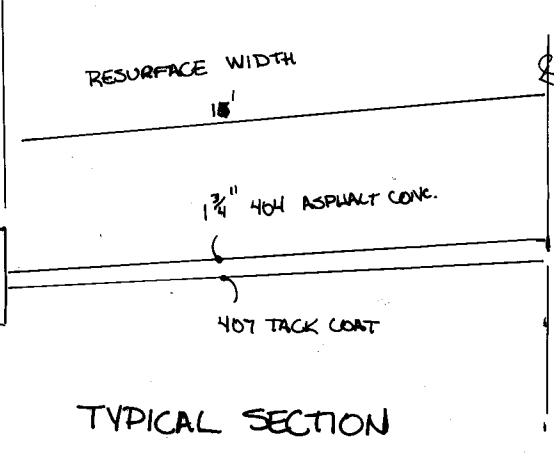
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PLANNING (S.Y.)	4216.9 S.Y.
404	ASPHALT CONC. (CY)	352.7 C.Y.
604	ADJUST CATCH BASINS	10
	MANHOLES	6

CALCULATIONS: STA 0100 to 9418 PAV'T PLANNING FULL WIDTH

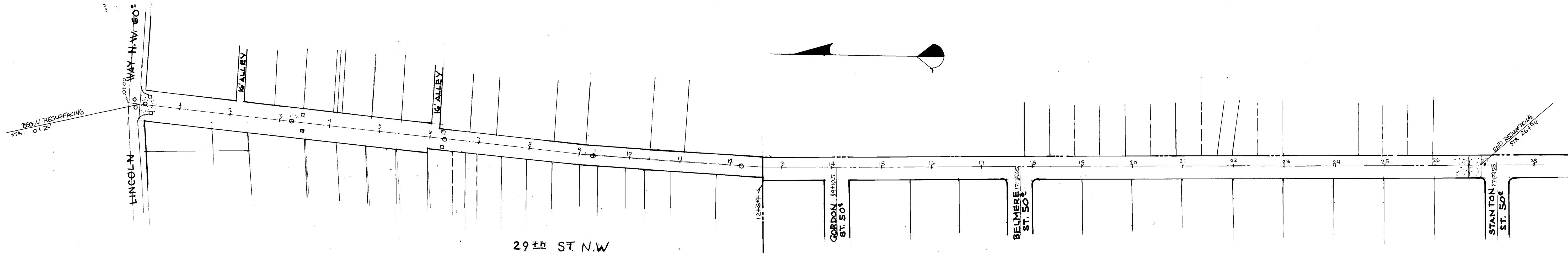
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PLANNING (S.Y.)	2192.8 S.Y.
404	ASPHALT CONC. (CY)	106.6 C.Y.
604	ADJUST CATCH BASINS	4
	MANHOLES	5

CALCULATIONS: STA 4447 to 6440 RESURFCE FULL WIDTH @ 30'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (CY)	31.6 C.Y.



CITY OF MASSILLON, OHIO			
RESURFACING			
BENNINGTON N.E.		OVERLOOK AVE SW.	LORI-JO LN. SW.
DR BY S. HAMPT, G. MCQUE		DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION	
CITY ENG. ROBERT WAGONER		5/12	
SCALE 1"=50'	APRIL 18th, 1991		

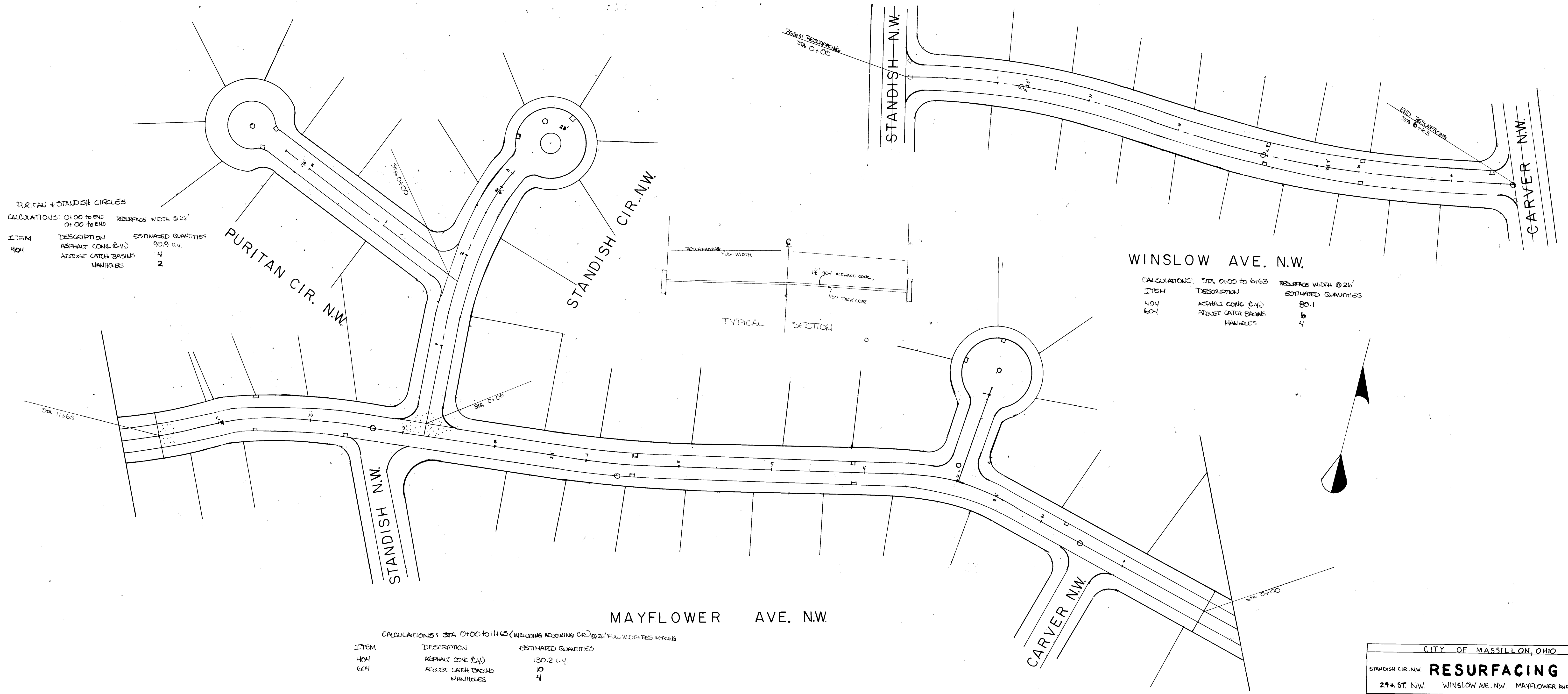


29th ST. N.W.

CALCULATIONS: STA 0+24 TO 26+94 RESURFCE WIDTH @ 23'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (CY)	284.6
601	ADJUST CATCH BASINS	6
	MANHOLES	5

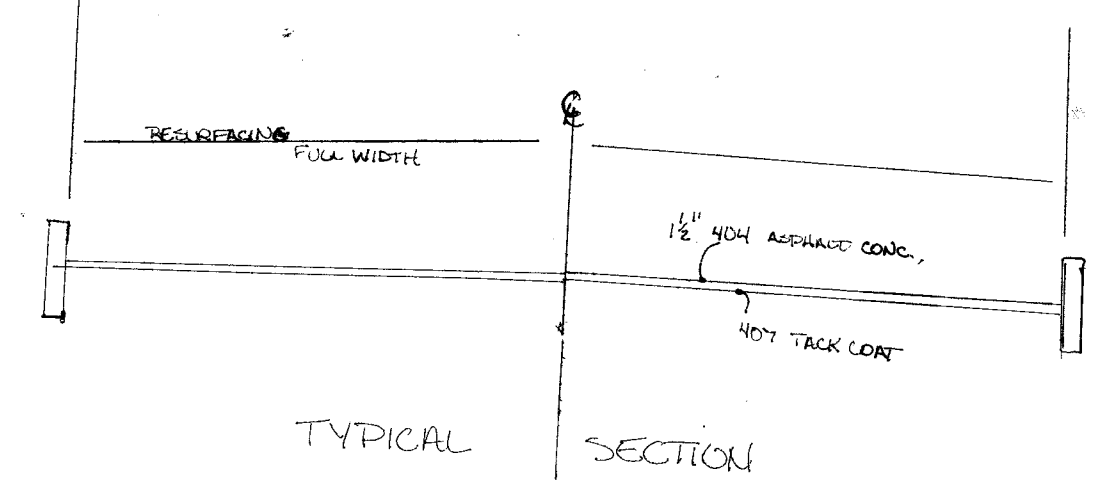
GREENDALE NW



PURITAN & STANDISH CIRCLES

CALCULATIONS: 0+00 TO END 0+00 TO END RESURFCE WIDTH @ 26'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (CY)	90.9
	ADJUST CATCH BASINS	4
	MANHOLES	2



WINSLOW AVE. N.W.

CALCULATIONS: STA 0+00 TO 6+63 RESURFCE WIDTH @ 26'

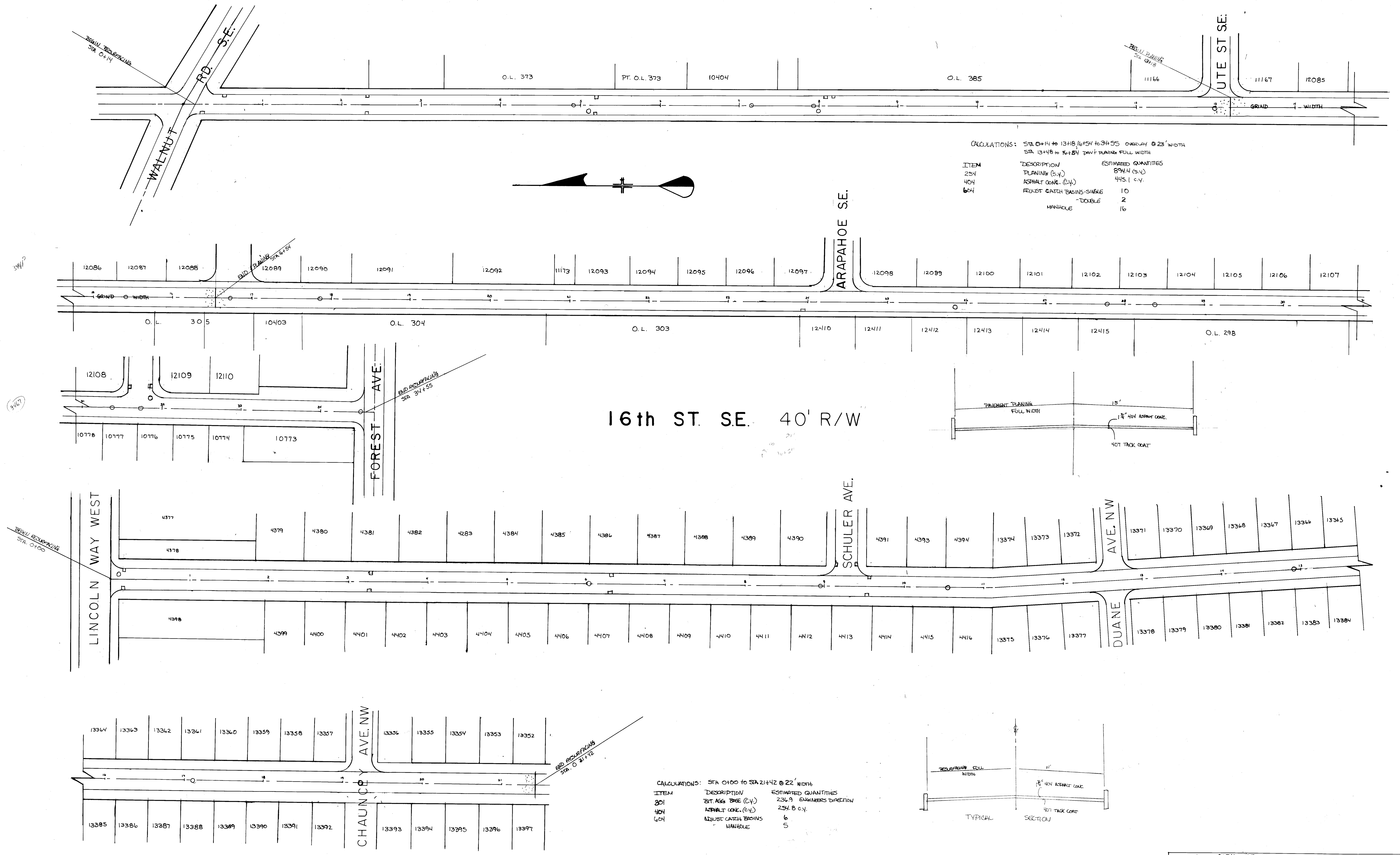
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (CY)	80.1
601	ADJUST CATCH BASINS	6
	MANHOLES	4

CALCULATIONS: STA 0+00 TO 11+65 (INCLUDING ADJOINING CR.) @ 26' FULL WIDTH RESURFACING

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (CY)	130.2
601	ADJUST CATCH BASINS	10
	MANHOLES	4

MAYFLOWER AVE. N.W.

CITY OF MASSILLON, OHIO			
STANDISH CIR. N.W.	RESURFACING		PURITAN CIR. N.W.
29th ST. N.W.	WINSLOW AVE. N.W.	MAYFLOWER AVE. N.W.	
DR BY GREG McCUE	DEPT OF PUBLIC SERVICE		
CITY ENG ROBERT WAGONER	ENGINEERING DIVISION		
SCALE 1"=100', 1"=50'			APRIL 24th, 1991
			7/12



CALCULATIONS: STA 0+14 to 13+18 (6+54 to 34+35) OVERLAY @ 23' WIDTH
STA 13+18 to 16+54 PAVT PLANING FULL WIDTH

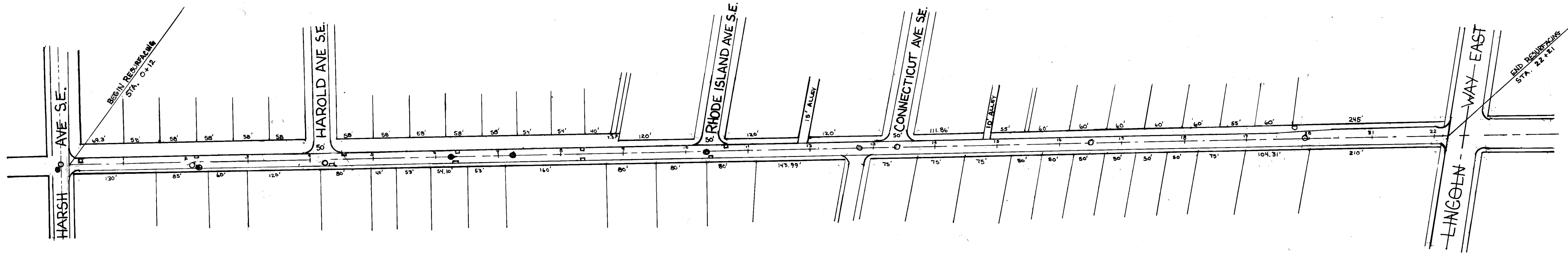
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PLANING (S.Y.)	894.4 (S.Y.)
404	ASPHALT CONC. (CY)	445.1 (CY)
604	ADJUST CATCH BASINS-SINGLE	10
	-DOUBLE	2
	MANHOLE	16

CALCULATIONS: STA 0+00 to STA 21+42 @ 22' WIDTH

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
301	BIT. AGG. BASE (CY)	234.9 ENGINEERS' DIRECTION
404	ASPHALT CONC. (CY)	234.8 (CY)
604	ADJUST CATCH BASINS	6
	MANHOLE	5

CITY OF MASSILLON, OHIO	
RESURFACING	
16th ST SE	27th ST NW
DR BY GREG MCCUE	DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION
CITY ENG. ROBERT WAGONER	
SCALE 1"=50'	APRIL 17th, 1991
9/12	

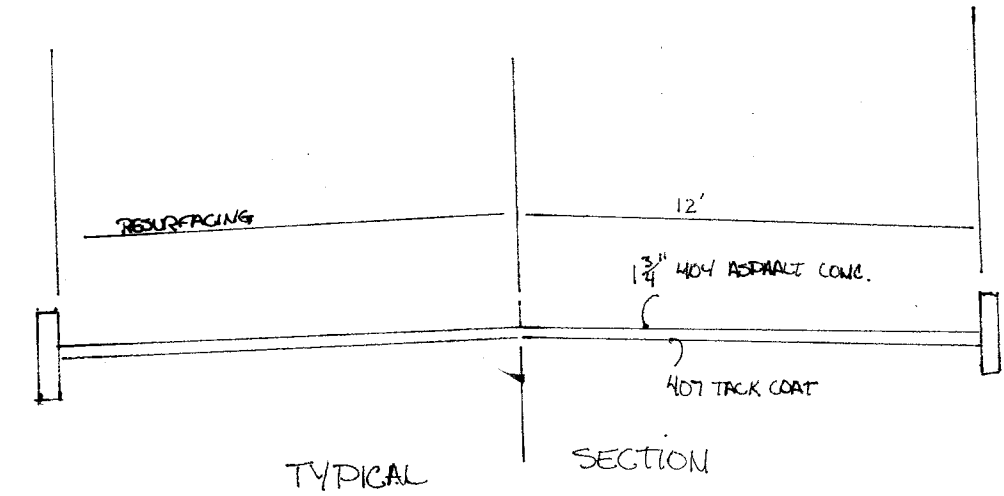
27th ST NW 50' R/W



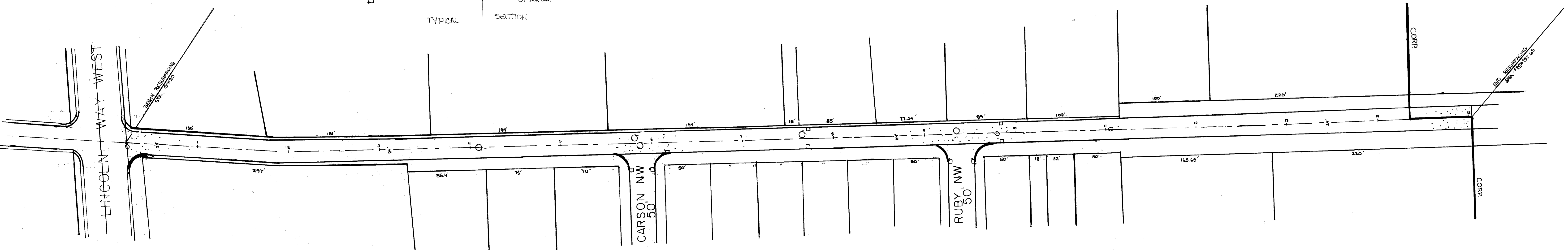
LENGTH	WIDTH	AREA
175	22	4126.50
100	26.50	4637.50
	24	2400.00
		4964.00

27th ST. S.E. 48' & 36' R/W

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
301	2" ASP. BASE (CY)	81.50 ENGINEER'S DIRECTION
404	ASPHALT CONC. (CY)	261.70 CY
604	ADJUST CATCH BASIN MANHOLE	9



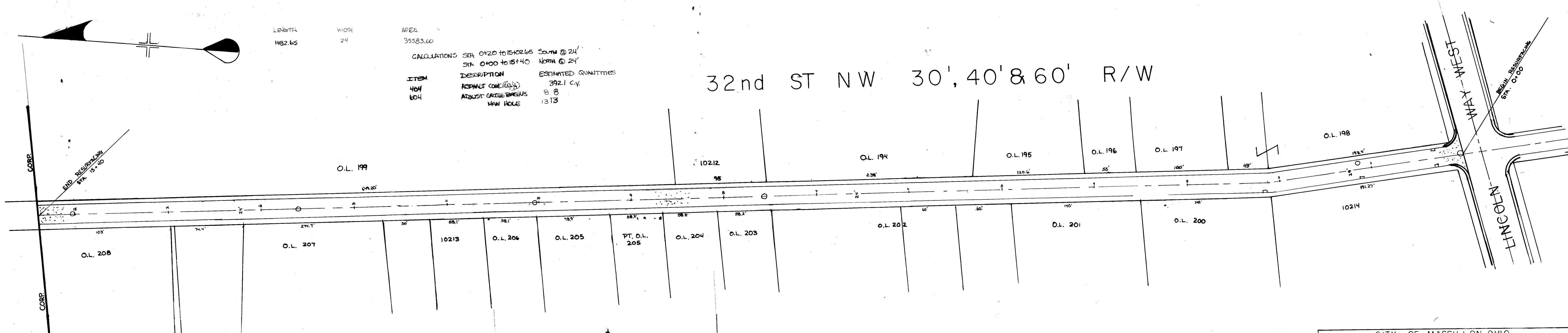
TYPICAL SECTION



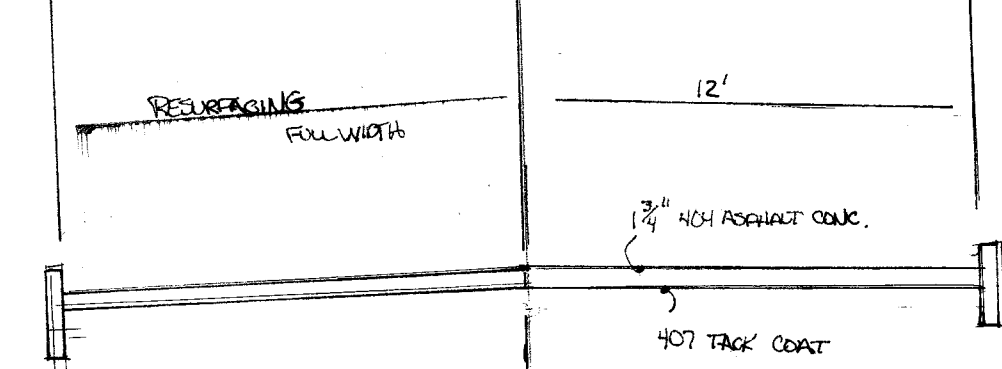
LENGTH	WIDTH	AREA
1482.65	24	35583.60

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (CY)	392.1 CY
604	ADJUST CATCH BASIN MANHOLE	8
		1313

32nd ST NW 30', 40' & 60' R/W



LENGTH	WIDTH	AREA
1540	24	36960

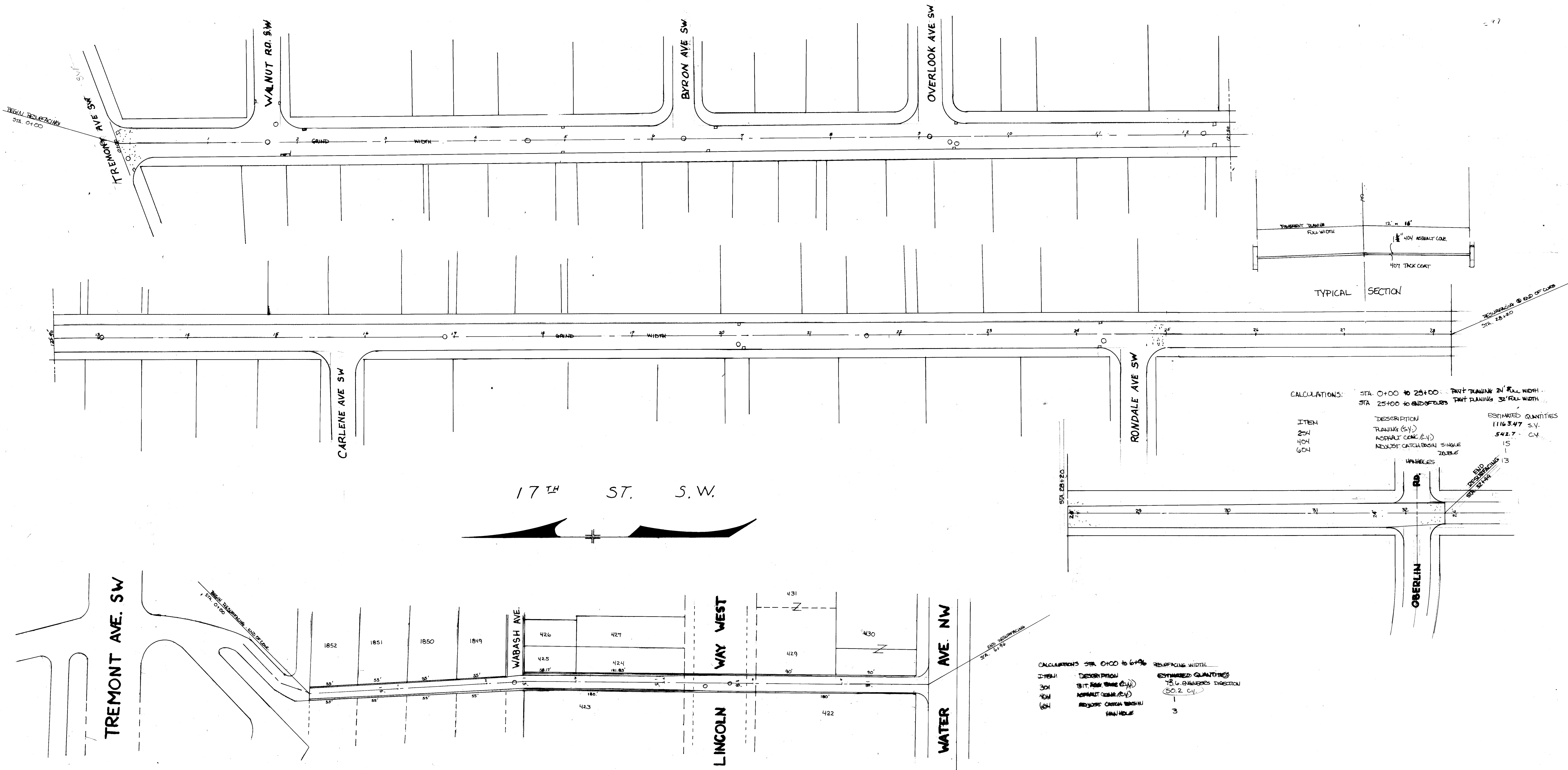


TYPICAL SECTION

CITY OF MASSILLON, OHIO	
RESURFACING	
27th ST SE	32nd ST NW
DR BY GREG MCCUE	DEPT. OF PUBLIC SERVICE
CITY ENG. ROBERT WAGONER	ENGINEERING DIVISION
SCALE 1"=100', 1"=50'	APRIL 11th, 1991

P328 Ac. No. 3116

10/12



CALCULATIONS: STA. 0+00 TO 25+00: PAVT. PAVING 24' FULL WIDTH
STA. 25+00 TO END OF CURB: PAVT. PAVING 32' FULL WIDTH

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
201	PAVING (SY)	11163.47 S.V.
401	ASPHALT CONC. (CY)	542.7 CY
601	INDUST. CATCH BASIN SINGLE	15
	DOUBLE	13

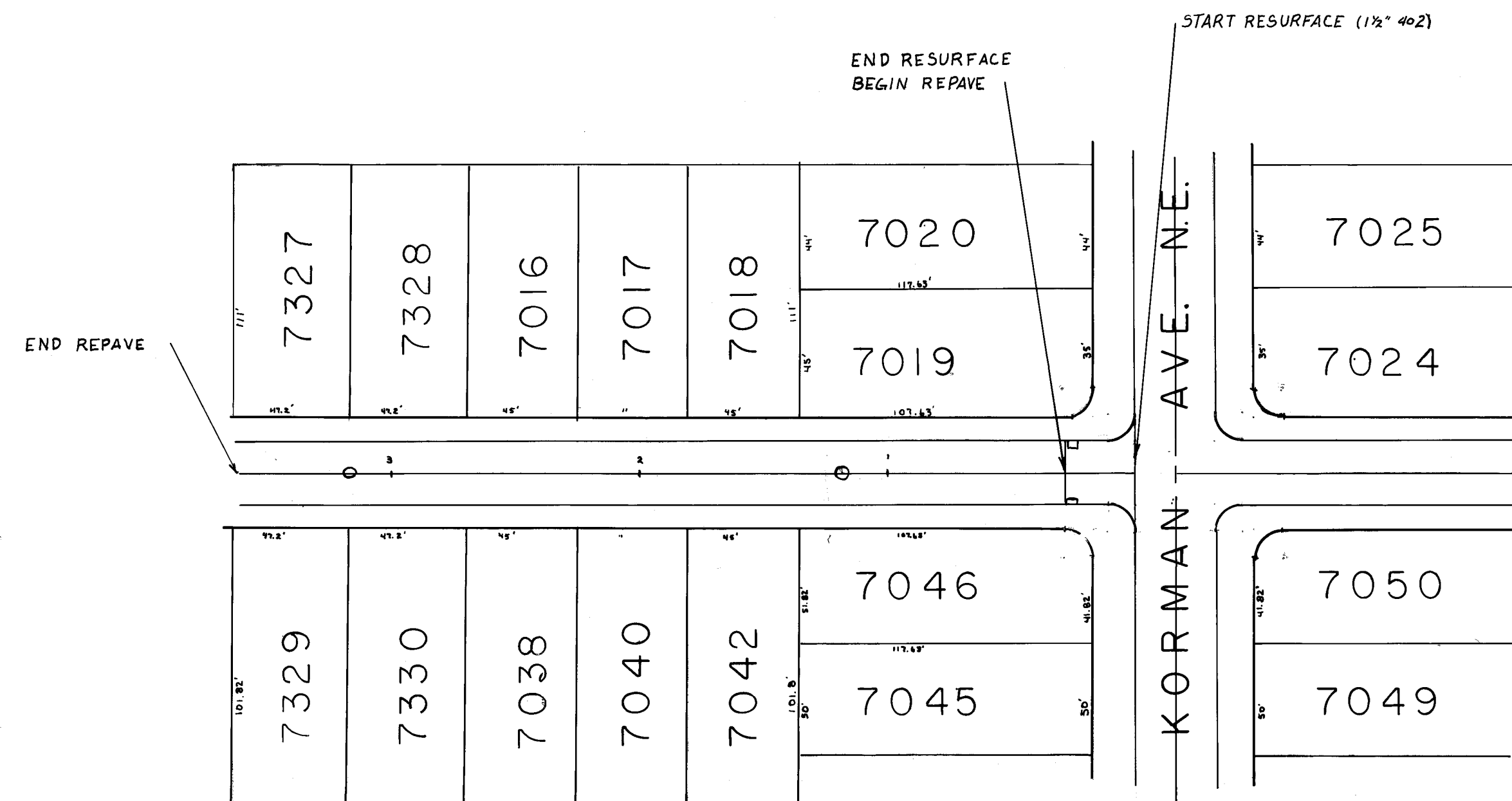
CALCULATIONS: STA. 0+00 TO 6+96.6: RESURFACING WIDTH

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
301	PAV. (SY) (1/2")	75.6 ENGINEER'S DIRECTION
401	ASPHALT CONC. (CY)	50.2 CY
601	INDUST. CATCH BASIN	3

CITY OF MASSILLON, OHIO			
RESURFACING			
17th ST SW		5th ST SW & NW	
DR BY S. HAMIT, G. MCGUE		DEPT OF PUBLIC SERVICE ENGINEERING DIVISION	
CITY ENG ROBERT WAGONER			
SCALE 1"=50'	APRIL 18th, 1991	11/12	

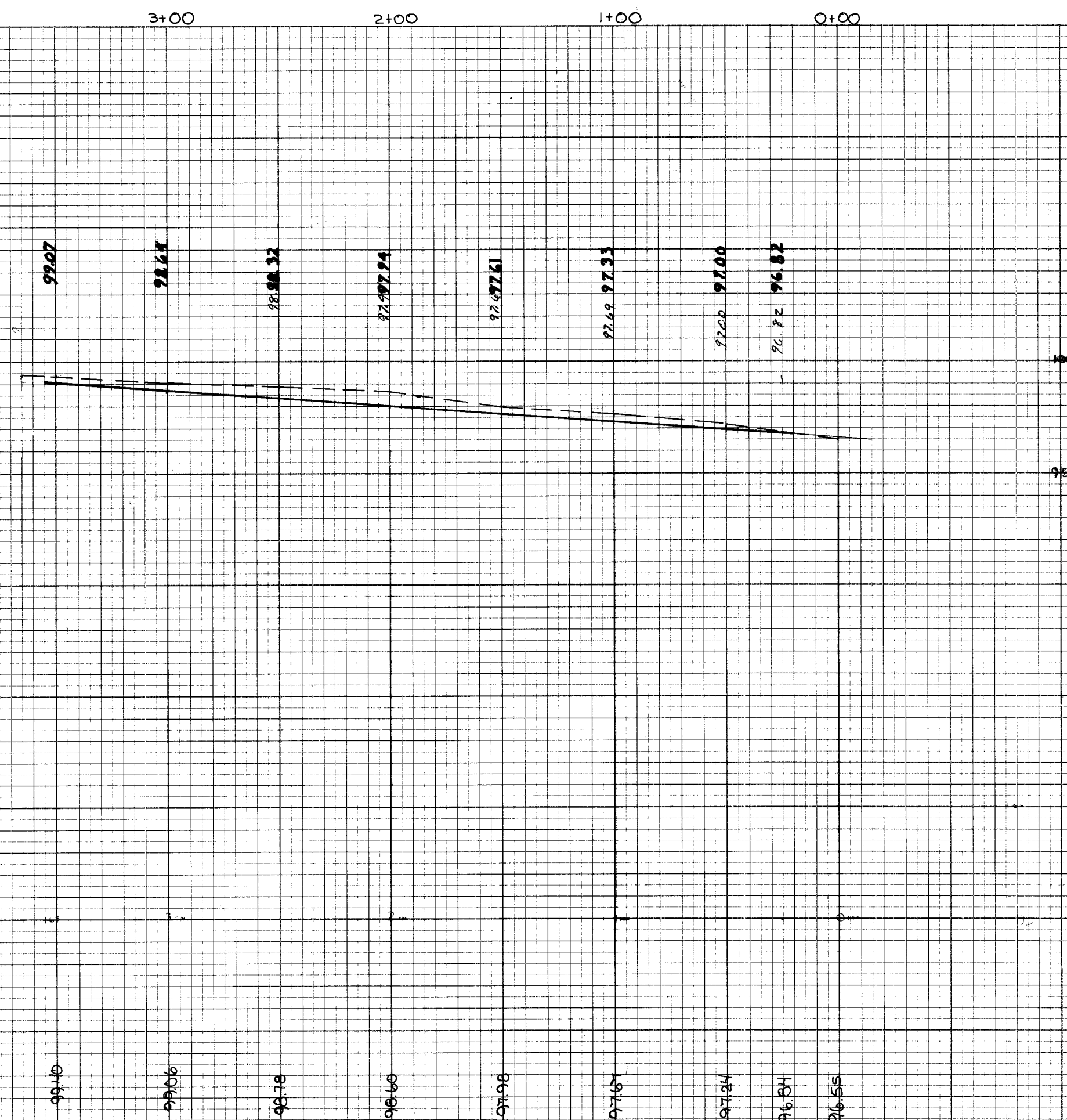
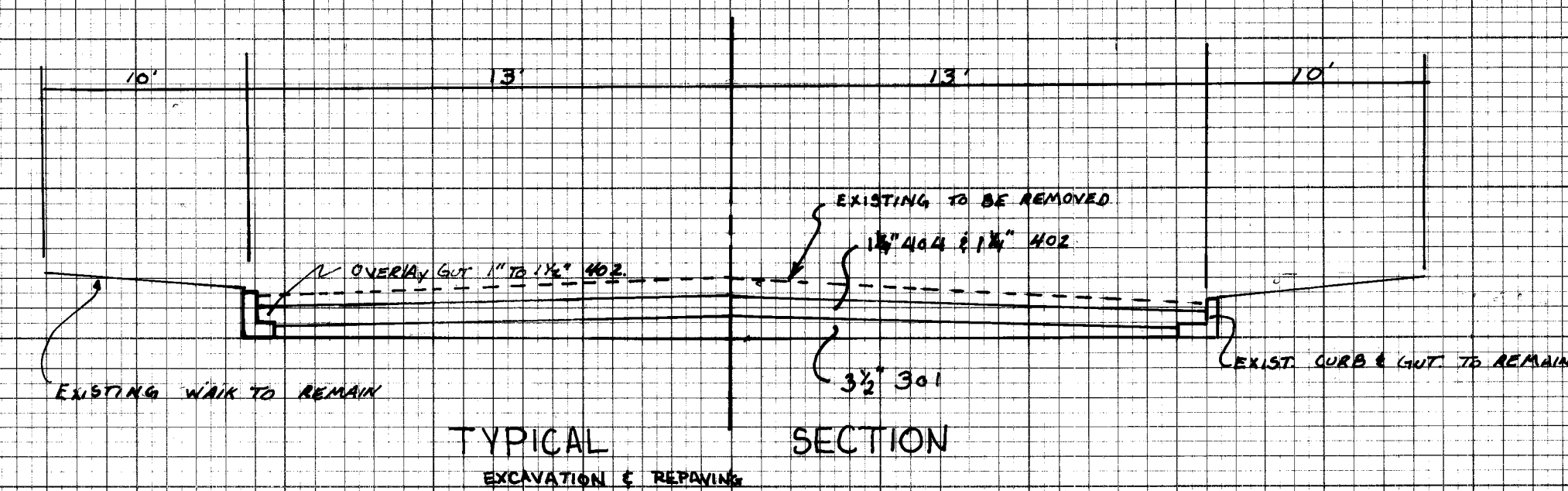
FINAL	SURVEYED	DATE
SURVEY	BY	
NOTE BOOK	PLOTTED	
NO.	AREAS	
	CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	BY	
NOTE BOOK	PLOTTED	
NO.	AREAS	
	CHECKED	

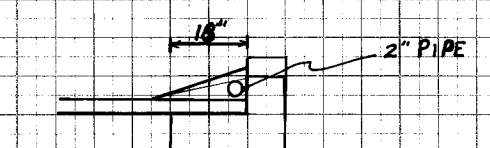


CALCULATIONS: STA 0+00 TO STA 3+65 FULL WIDTH REPAVING @ 26'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
203	ROADWAY EXC. (C.Y.)	206.2 C.Y.
301	BIT AGG BASE 2" (C.Y.)	132.6 C.Y.
402	ASPHALT CONC. (C.Y.)	36.8 C.Y.
404	ASPHALT CONC. (C.Y.)	36.8 C.Y.
604	ADJUSTED CATCH BASINS SINGLE MANHOLES	2

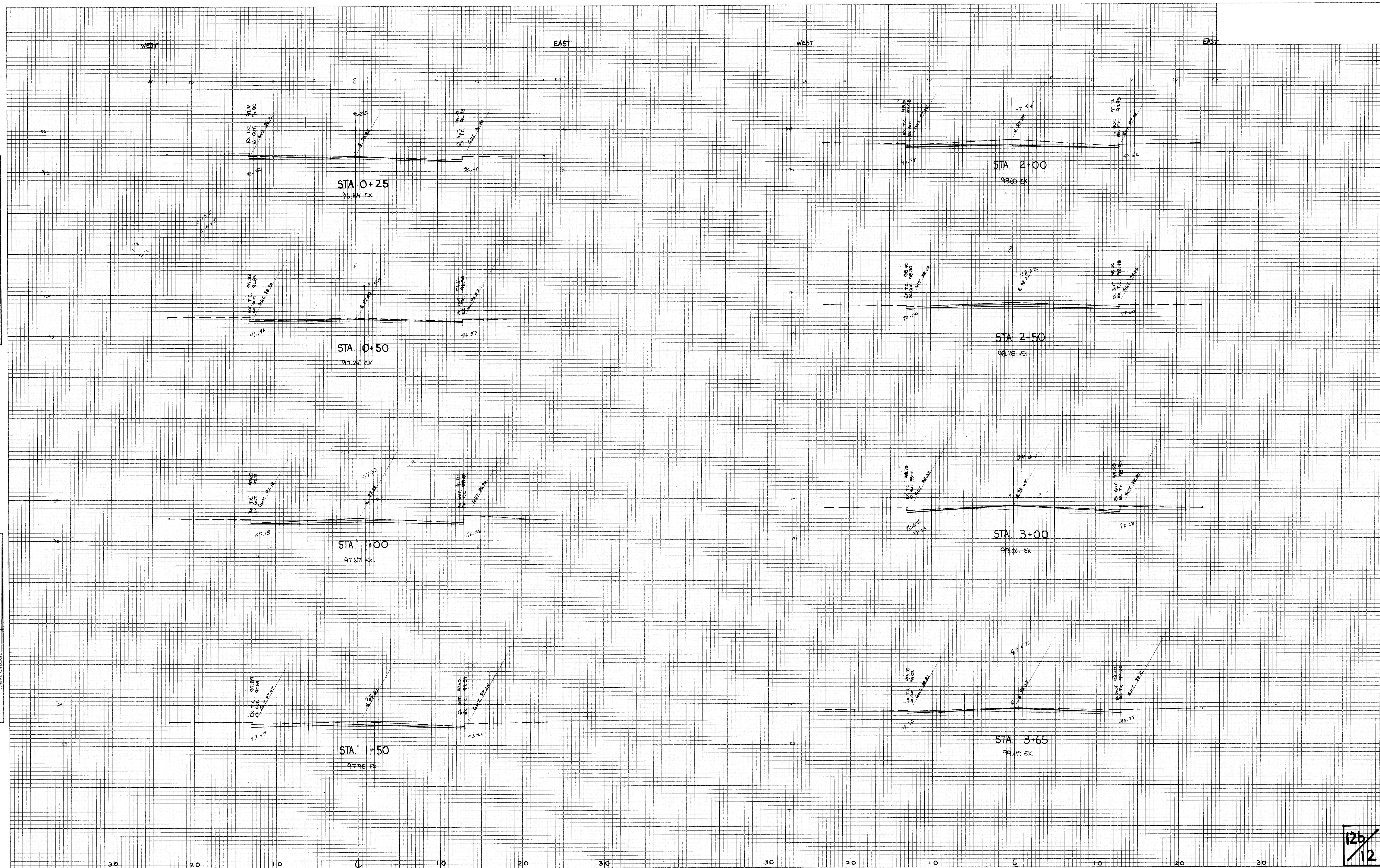


PLACE ASPHALT RAMPS AS NEED AT DRIVEWAY APPROACHES.



FINAL SURVEY	DATE
	BY
	SURVEYED
	PLOTTED
NO.	NOTE BOOK
	TEMPLATE
	AREAS
	CHECKED

ORIGINAL SURVEY	DATE
	BY
	SURVEYED
	PLOTTED
NO.	NOTE BOOK
	TEMPLATE
	AREAS
	CHECKED



HIGHWAY FEDERAL AID SHEET
 PLATE 3-FULL CROSS SECTION-FULL LINE
 PRINTED IN U.S.A.

X-SECTIONS ROOSEVELT ST. NE. STA. 0+00 TO 3+65

P 328 Ac. No. 3116

12b
12

PAVING & RESURFACING PLANS

MAYOR _____ FRANCIS H. CICCHINELLI JR.
SAFETY SERVICE DIR. _____ BILL H. HAMIT
CITY ENGINEER _____ ROBERT WAGONER

SITE MAP

ITEM SPECIAL - PAVEMENT PLANING

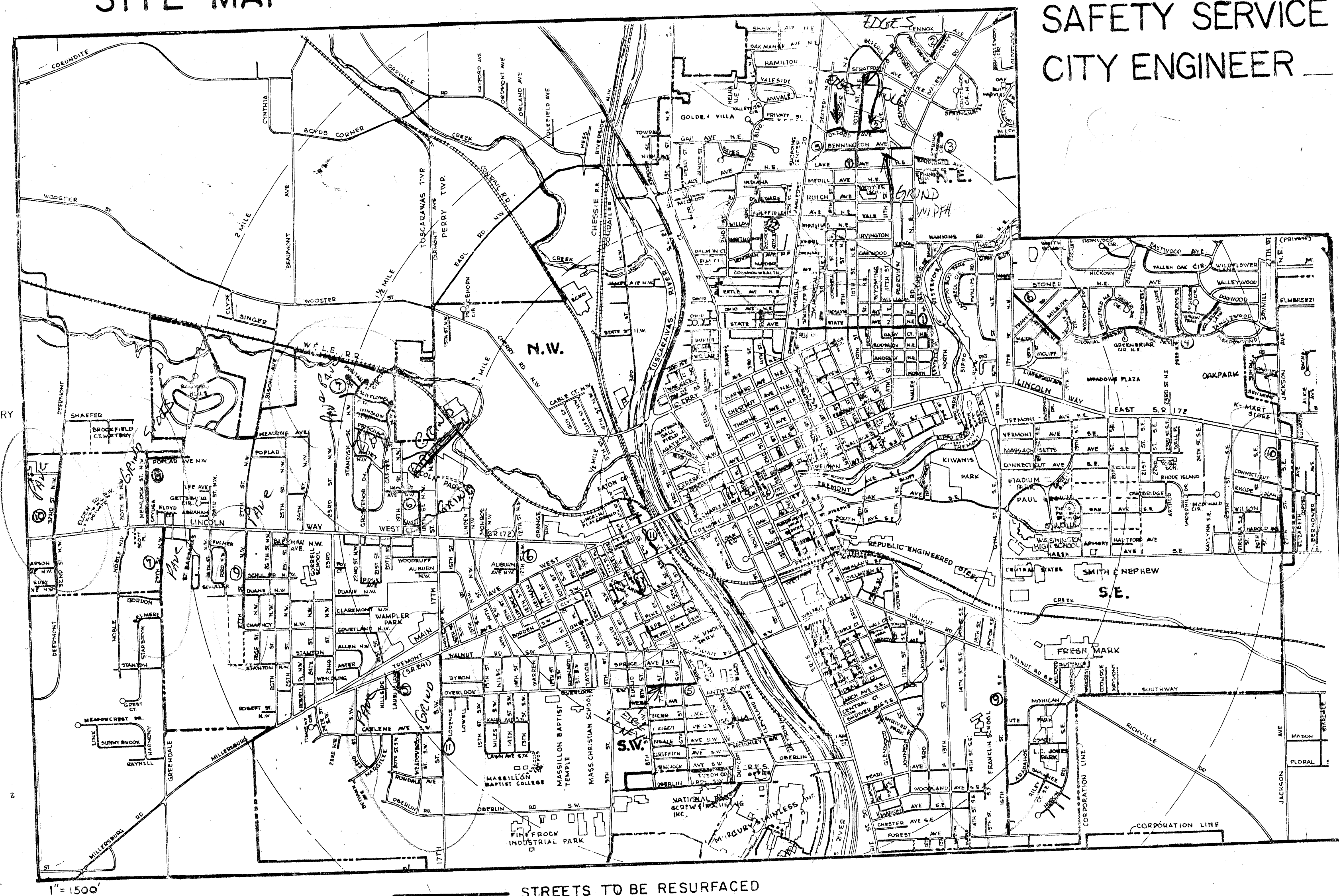
ITEM SPECIAL - PAVEMENT PLANING

BITUMINOUS WITHOUT HEATING THE CONTRACTOR SHALL PLANE OFF EXISTING ASPHALT SURFACE, AS SHOWN ON THE TYPICAL SECTION TO THE LIMITS SHOWN ON THE PLANS.

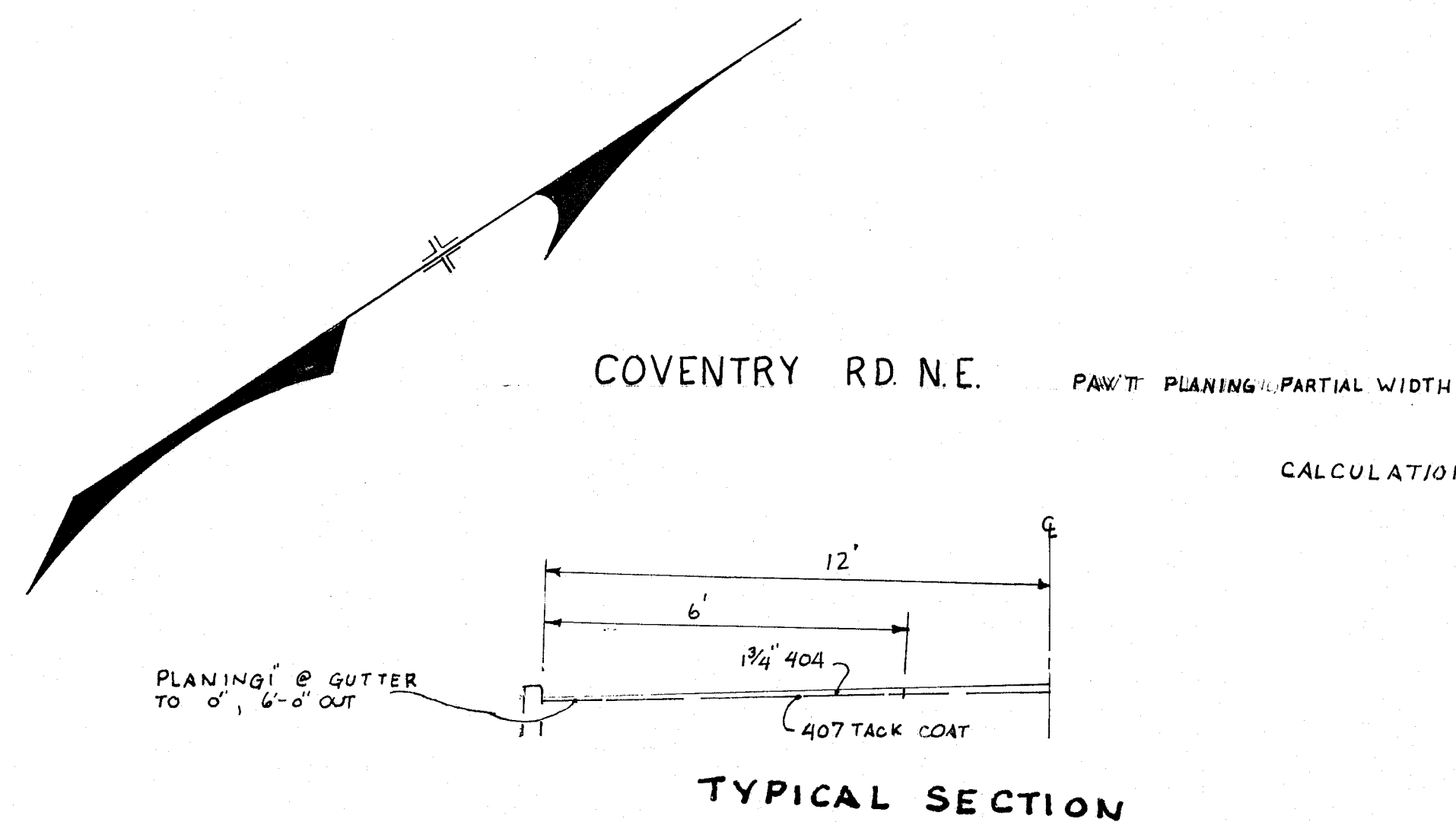
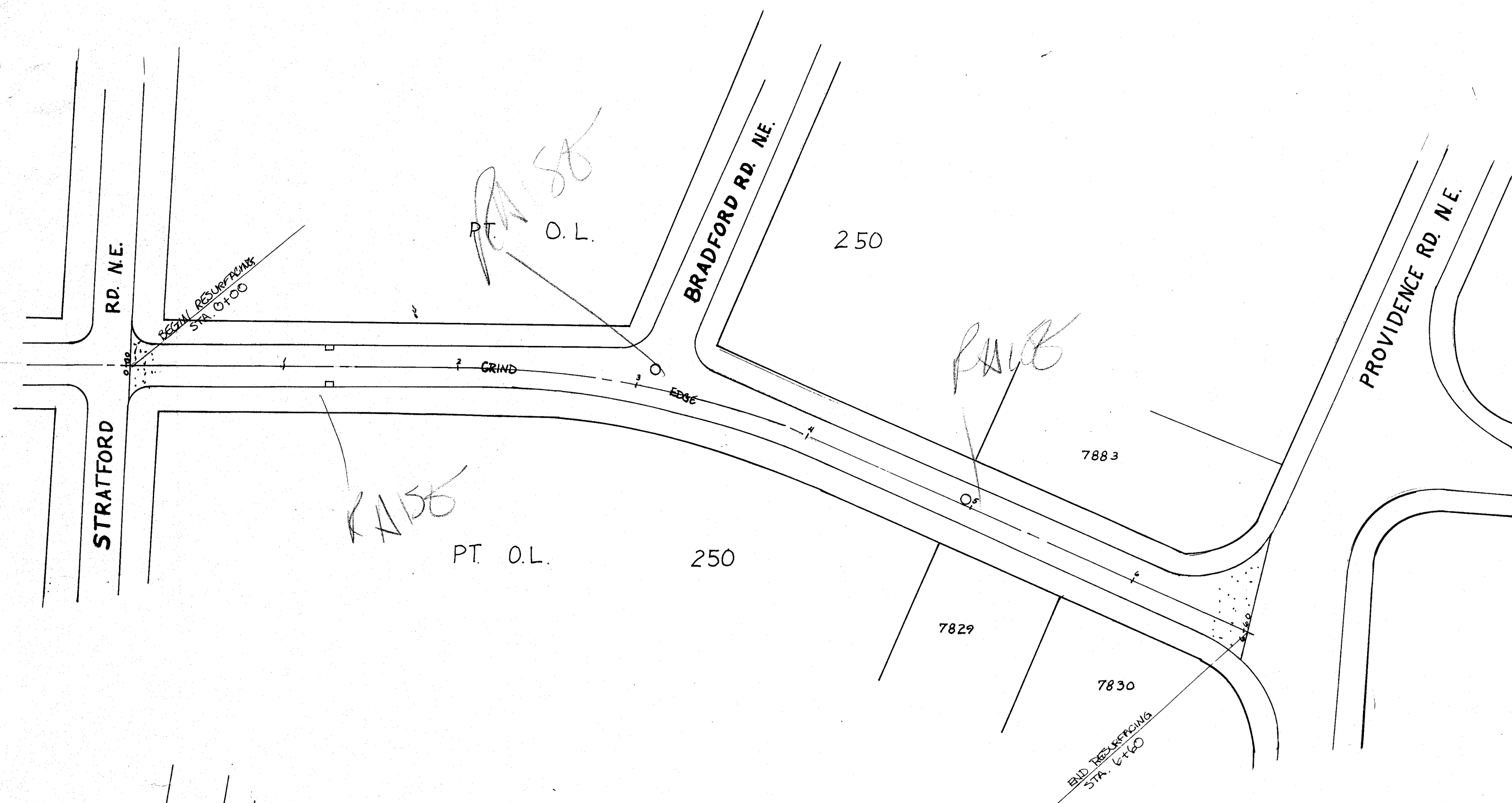
THE PLANNER USE SHALL BE CAPABLE OF PLANING DIRECTLY ADJACENT TO A CURB. THE CONTRACTOR SHALL USE REASONABLE CARE TO NOT DAMAGE EXISTING CURBING. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR REPLACE ANY CURBING DAMAGE AS A RESULT OF HIS WORK AT HIS EXPENSE. TO KEEP THE WORK AREAS CLEAR OF DEBRIS AND GRINDING TO MAKE THE PLANED SURFACE AVAILABLE TO TRAFFIC AS SOON AS POSSIBLE AFTER PLANING. THE ASPHALT MATERIAL THAT IS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH SECTION 203.05.

PAYMENT FOR THIS WORK WILL BE MADE AT UNIT PRICE BID PER SQUARE YARD OF ITEM SPECIAL - PAVEMENT PLANING AND SHALL CONSTITUTE FULL COMPENSATION FOR FURNISHING ALL MATERIALS AND EQUIPMENT NECESSARY TO PLANE THE EXISTING PAVEMENTS AS SHOWN ON THE PLANS.

1. 10th ST. NE., STATE AVE. NE.
2. COVENTRY RD. NE., OXFORD AVE. NE.
3. SPRINGHILL AVE. NE., MERINO CIR. NE.
4. COLONIAL HWY. NE., MILLSTONE LN. NE.
5. DENNINGTON AVE. NE., OVERLOOK AVE. SW, LORIJO LN. SW.
6. JEFFERSON RD. NE., 12th ST. NW, HOWARD AVE. NW, 18th ST. NW.
7. 29th ST. NW, MAYFLOWER NW, WINSLOW NW, PURITAN & STANDISH CIR. NW.
8. HEMLOCK ST. NW, POHLAR AVE. NW.
9. 16th ST. SE., 27th ST. NW.
10. 27th ST. SE., 32nd ST. NW.
11. 17th ST. SW, 5th ST. SW & NW.
12. a. ROOSEVELT ST. NE.
b. ROOSEVELT ST. NE.

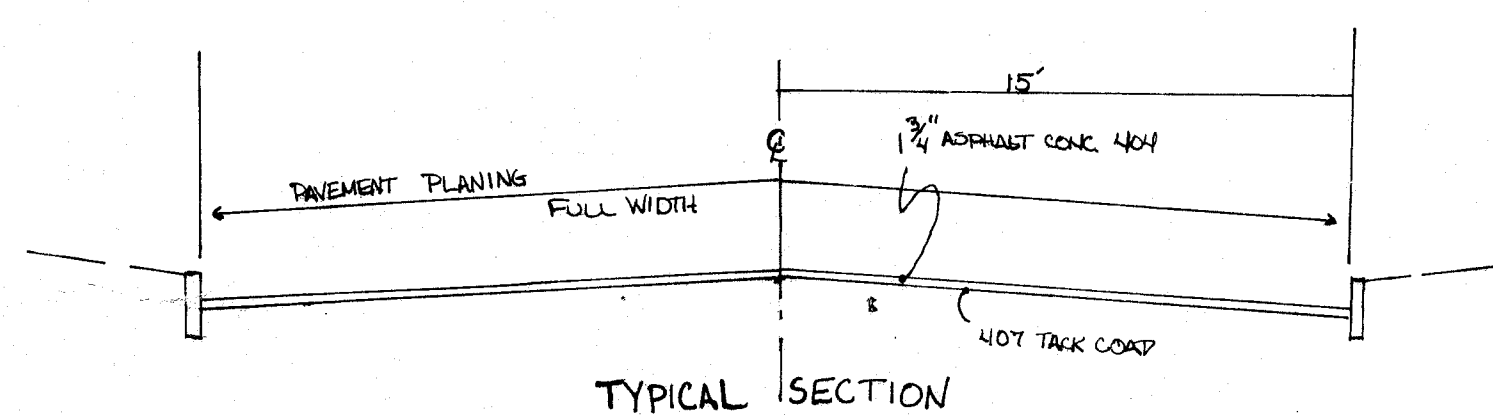
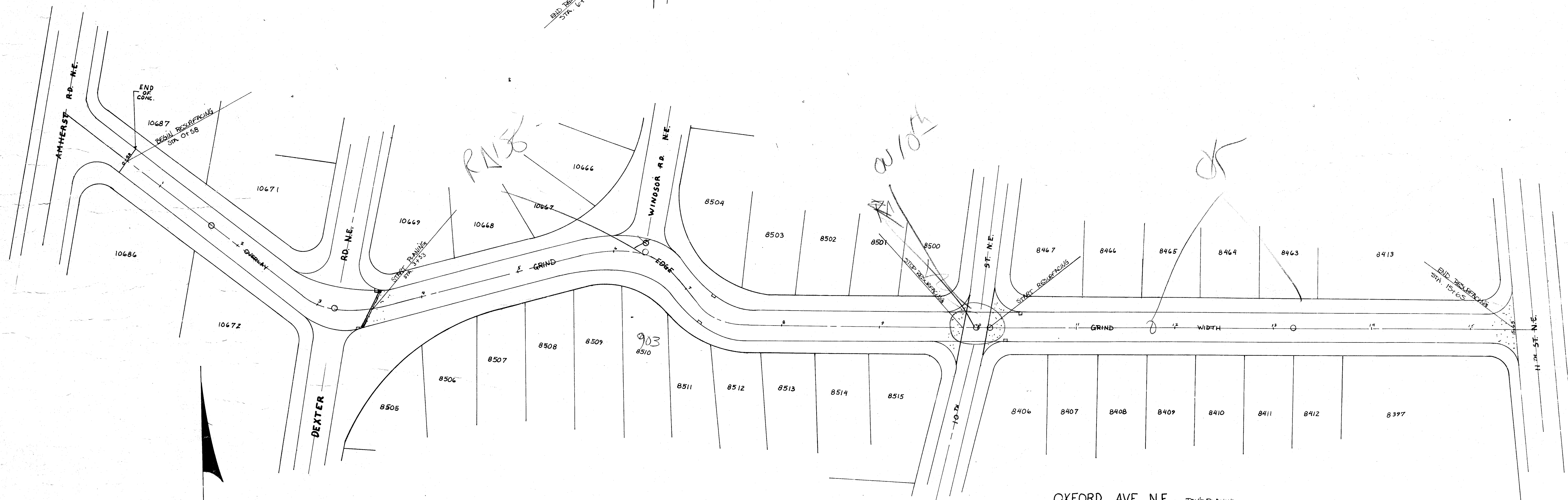


PREPARED BY GREG McCUE
MASSILLON CITY
ENGINEERING DEPT.



CALCULATIONS: STA 0+00 TO STA 6+60 @ 24' WIDTH

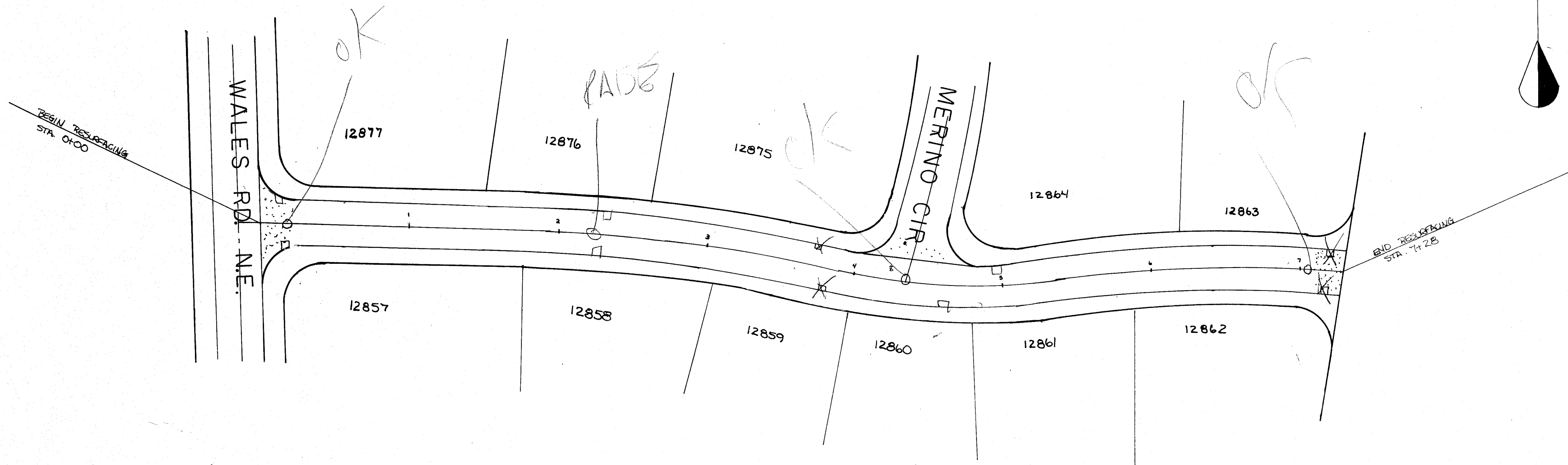
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PAV'T PLANING (S.Y.)	880
404	ASPHALT CONC. (C.Y.)	85.5
604	ADJUST C.B. SINGLE	2
	" MANHOLE	2



CALCULATIONS: STA 0+58 TO STA 15+65

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PAV'T PLANING (S.Y.)	2700.00 S.Y.
301	BIT. AGG. BASE (C.Y.)	ENGINEER'S DIRECTION
404	ASPHALT CONC. (C.Y.)	221.40 C.Y.
604	ADJUST CATCH BASIN	6
	" MANHOLE	7

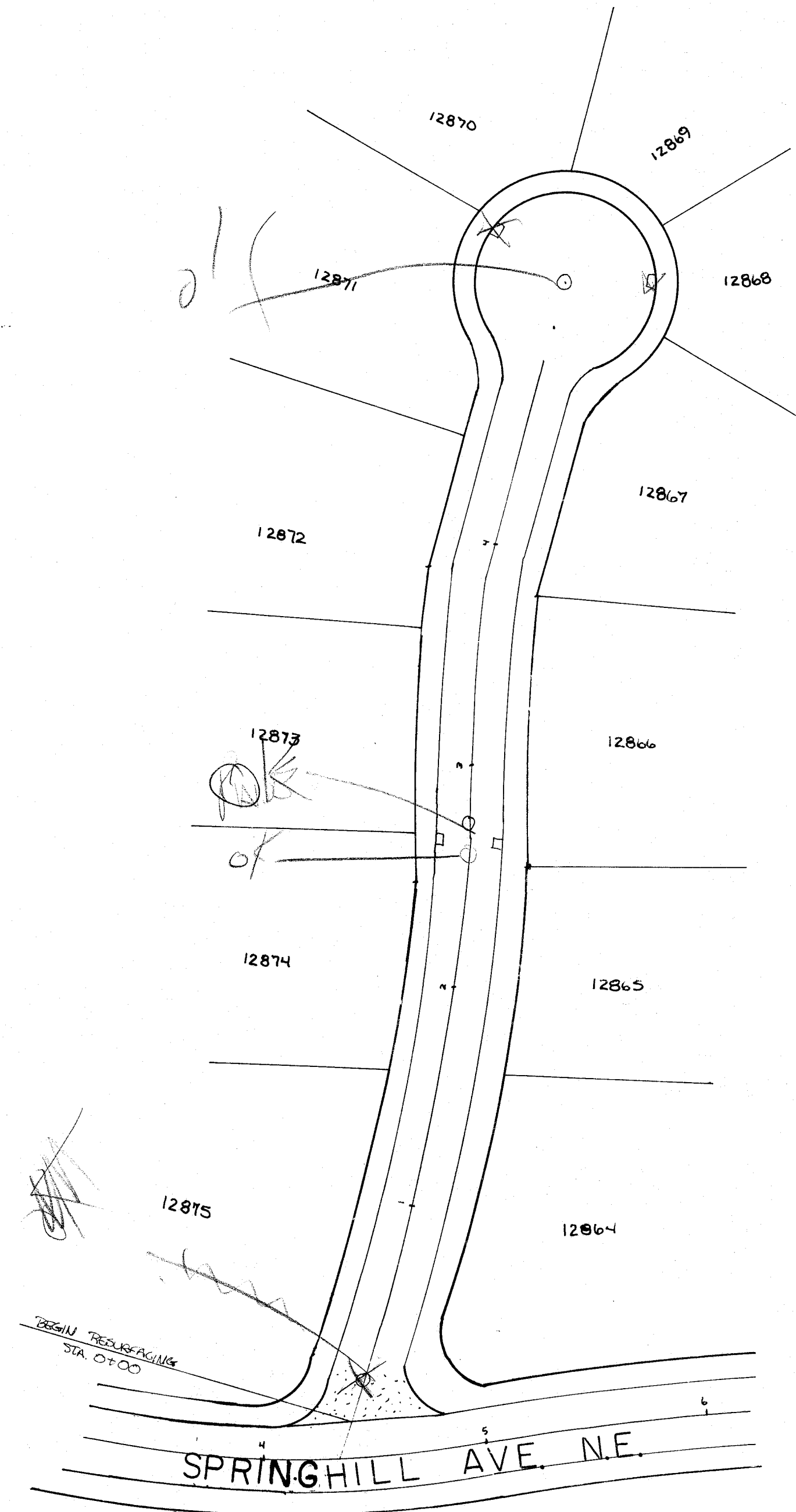
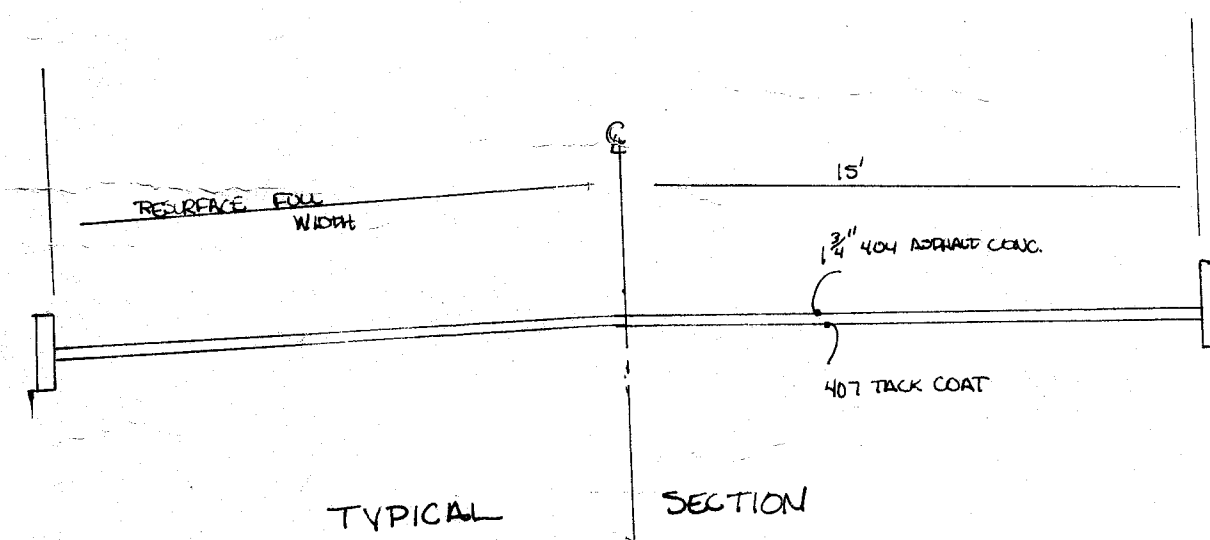
CITY OF MASSILLON, OHIO	
RESURFACING	
COVENTRY RD. N.E.	OXFORD AVE. N.E.
DR BY STEVE HART	DEPT. OF PUBLIC SERVICE
CITY ENG. ROBERT WAGONER	ENGINEERING DIVISION
SCALE: 1" = 50'	DATE 4/26/91
	2/12



SPRINGHILL AVE. N.E.

CALCULATIONS: STA 0+00 TO STA 7+28 OVERLAY BUT @ 30'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (CY)	116.9 C.Y.
604	ADJUST CATCH BASINS	6
	MANHOLE	3



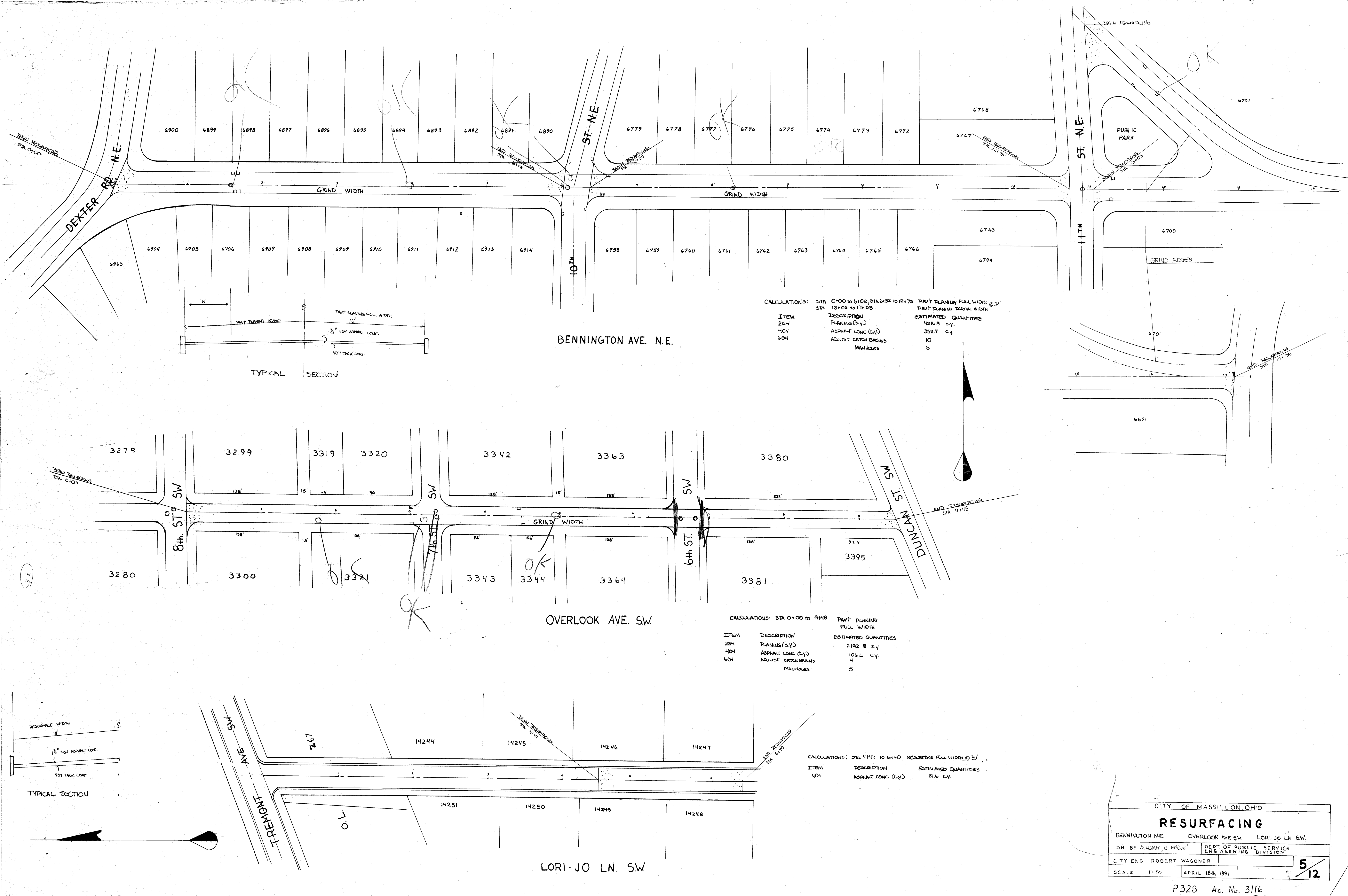
MERINO CIR. N.E.

CALCULATIONS: STA 0+00 TO END OVERLAY BUT @ 30'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (CY)	107 C.Y.
604	ADJUST CATCH BASINS	4
	MANHOLES	3

CITY OF MASSILLON, OHIO			
RESURFACING			
SPRINGHILL AVE. N.E.		MERINO CIR. N.E.	
DR BY GREG MCCUE	DEPT OF PUBLIC SERVICE ENGINEERING DIVISION		
CITY ENG ROBERT WAGONER			
SCALE 1" = 50'	APRIL 26-11, 1991	3/12	

P 328 Ac. No. 3116



CALCULATIONS: STA 0+00 TO 6+02 STA 6+32 TO 12+75

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PLANING (S.Y.)	4216.9 S.Y.
404	ASPHALT CONC. (CY)	352.7 C.Y.
604	ADJUST CATCH BASINS	10
	MANHOLES	6

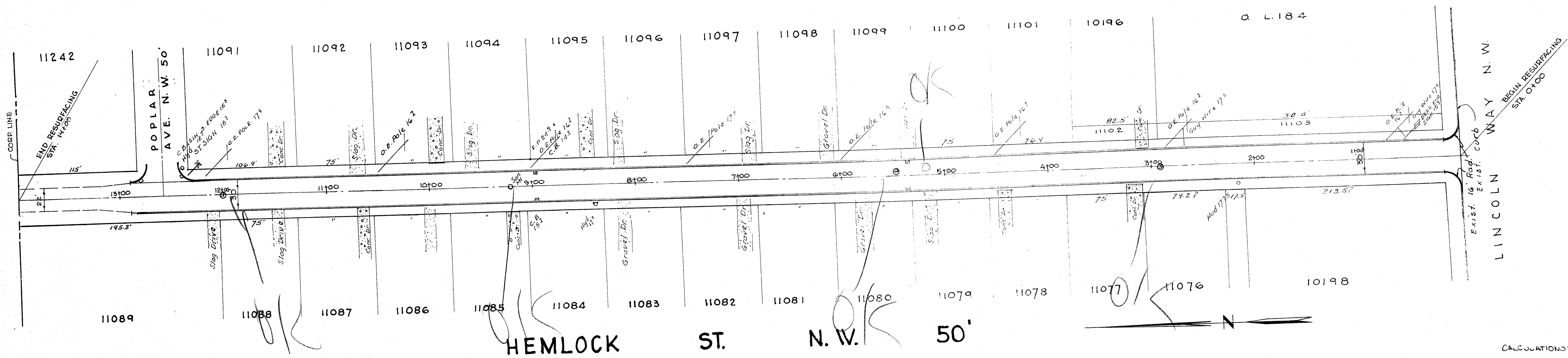
CALCULATIONS: STA 0+00 TO 9+48

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PLANING (S.Y.)	2192.8 S.Y.
404	ASPHALT CONC. (CY)	106.6 C.Y.
604	ADJUST CATCH BASINS	4
	MANHOLES	5

CALCULATIONS: STA 4+44 TO 6+40

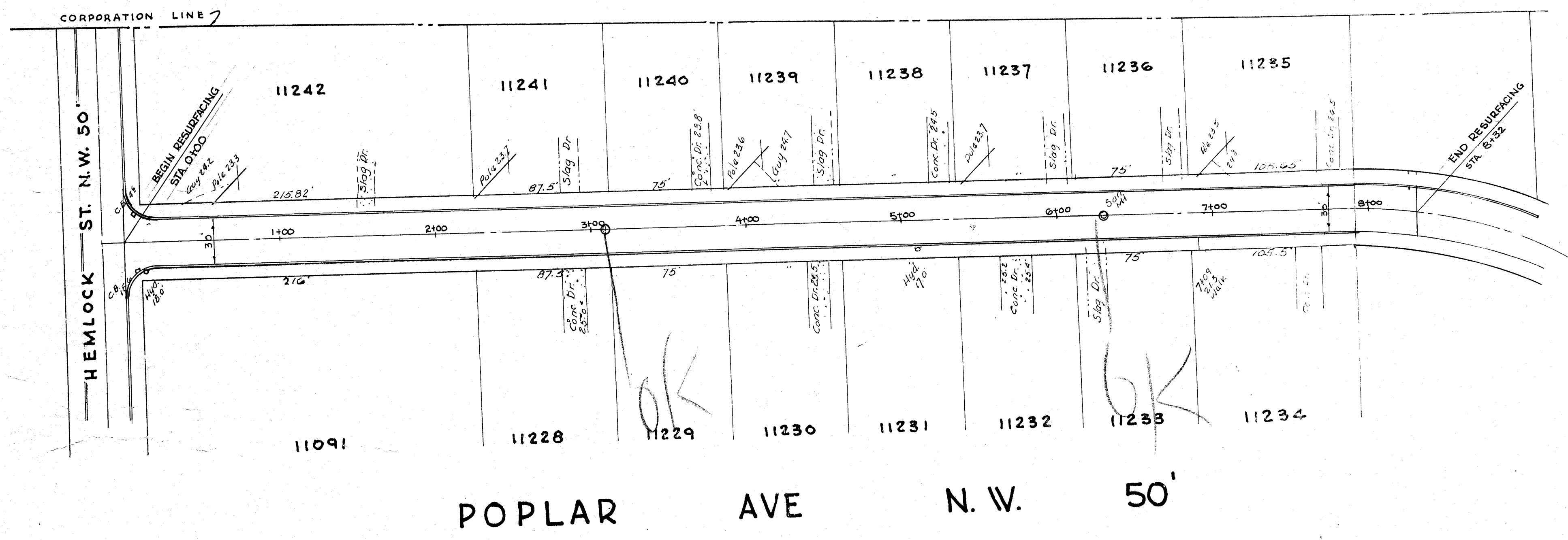
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
404	ASPHALT CONC. (CY)	31.6 C.Y.

CITY OF MASSILLON, OHIO			
RESURFACING			
BENNINGTON N.E.		OVERLOOK AVE SW.	LORI-JO LN SW.
DR BY S. HAMILT, G. MCCUE		DEPT. OF PUBLIC SERVICE	
CITY ENG ROBERT WAGONER		ENGINEERING DIVISION	
SCALE 1"=50'	APRIL 18, 1991		5/12

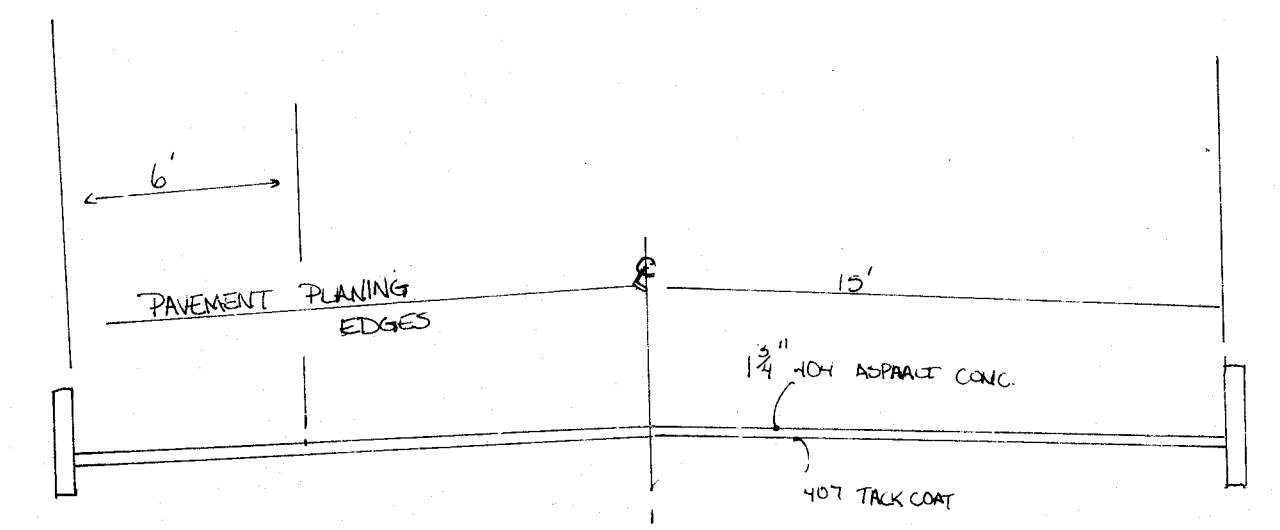


CALCULATIONS: STA 0+00 TO STA 14+00 @ 30' WIDE

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
* 254	PLANING (S.V.)	* SEE NOTE
404	ASPHALT CONC. (CY)	223.9 C.Y.
604	ADJUST CATCH BASIN MANHOLE	5
		4



* NOTE: PAVEMENT PLANING AT ENGINEERS DISCRETION - NOT TO EXCEED 2000'



CALCULATIONS: STA 0+00 TO STA 8+00 @ 30' WIDE

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
* 254	PLANING (S.V.)	* SEE NOTE
404	ASPHALT CONC. (CY)	135.4 C.Y.
604	ADJUST CATCH BASIN MANHOLE	2
		2

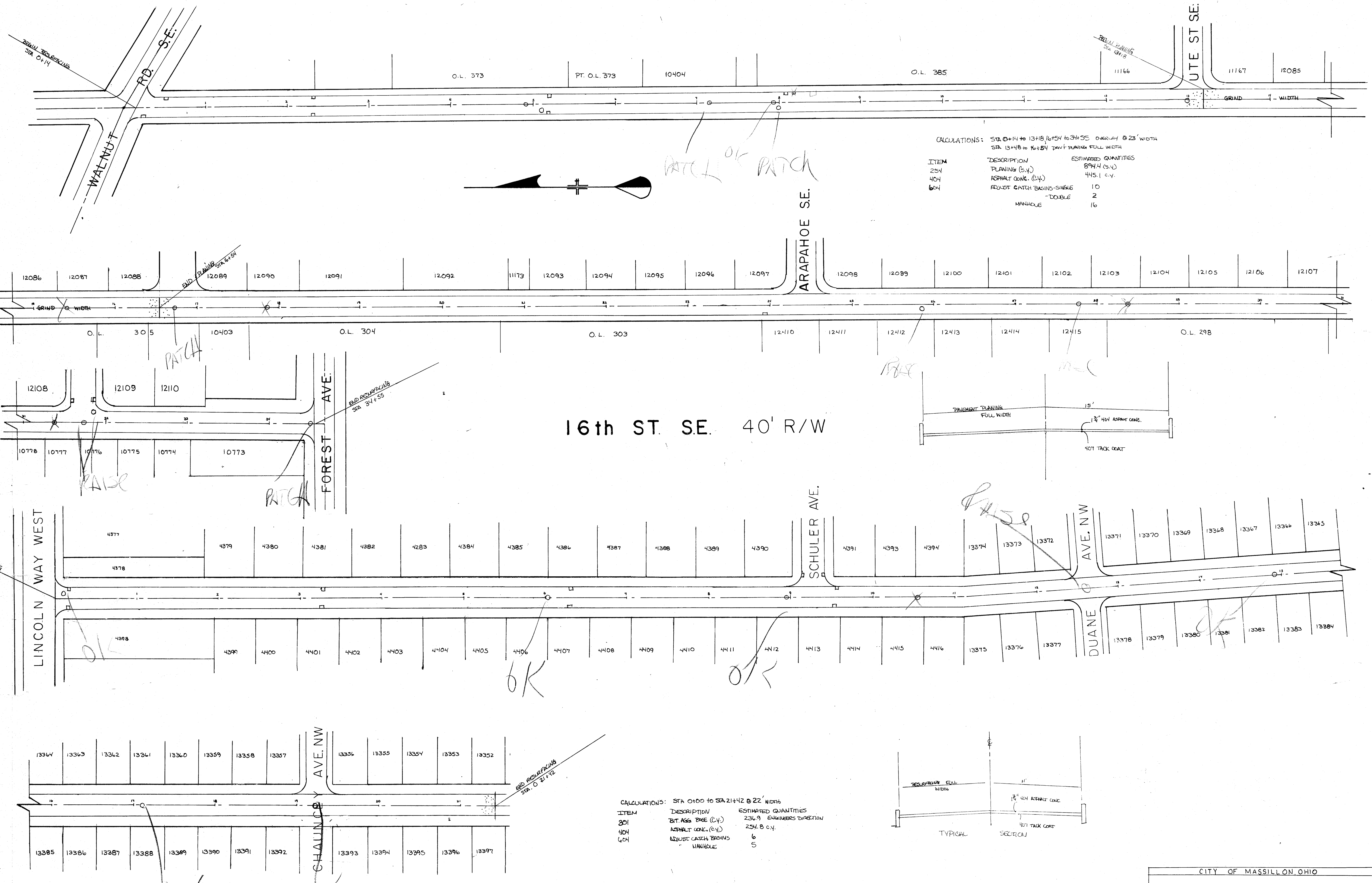
RESURFACING

CITY OF MASSILLON, OHIO

HEMLOCK STREET N.W. 50' R/W

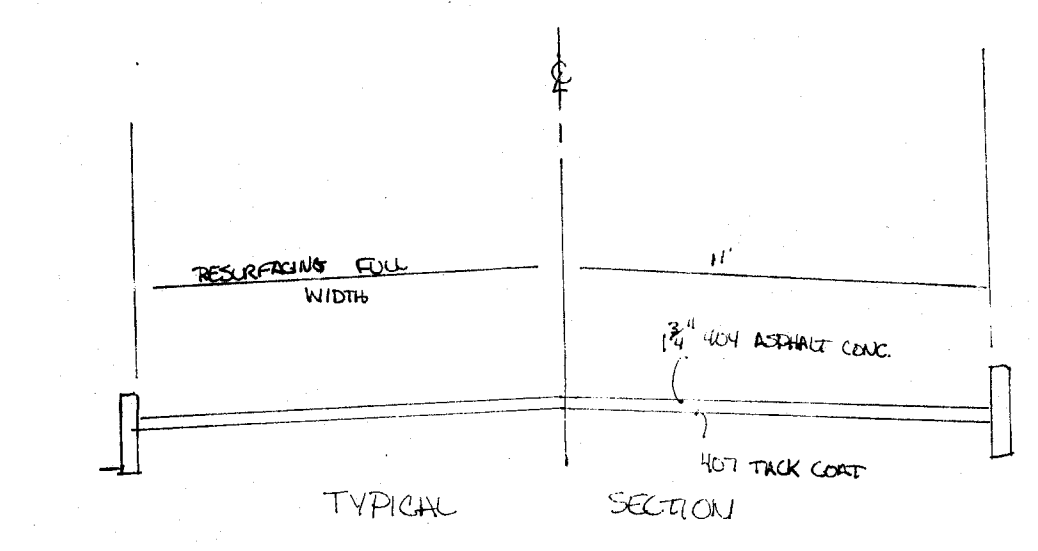
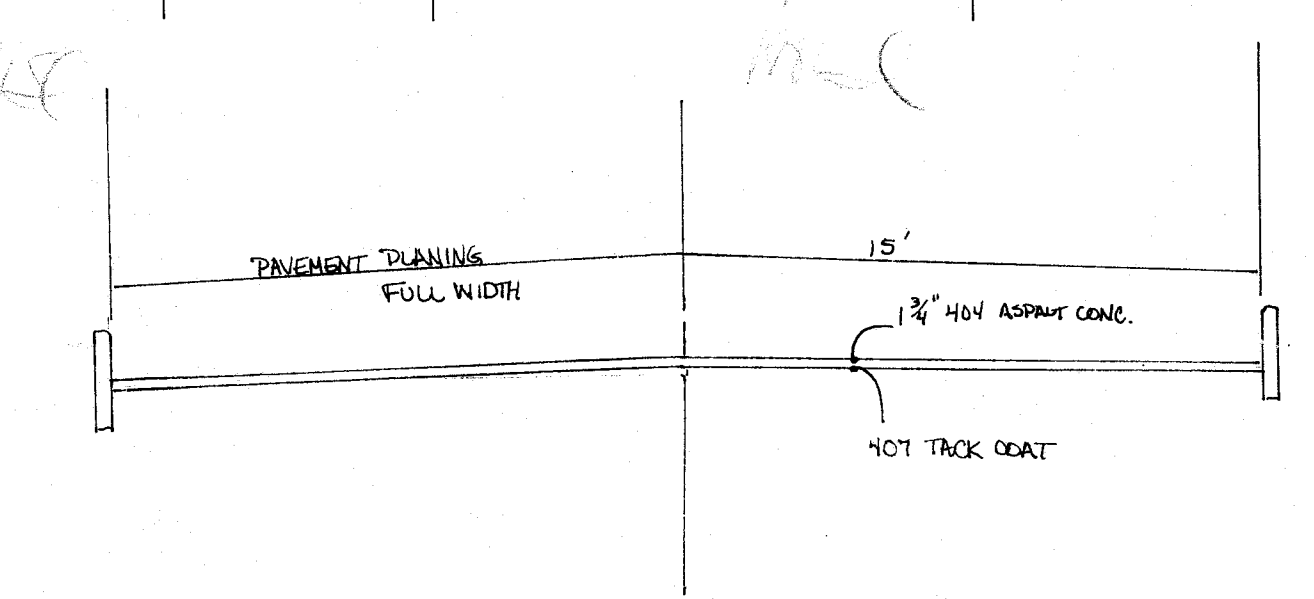
POPLAR AVE N.W. 50'

DR BY RONNIE MCPHERSON
CITY ENG. ROBERT WAGONER
DEPT OF PUBLIC SERVICE
ENGINEERING DIVISION
SCALE 1" = 50'
APRIL 3, 1991



CALCULATIONS: STA 0+14 TO 13+18, 16+54 TO 34+55 OVERLAY @ 23' WIDTH
STA 13+48 TO 16+54 PAVT PLANS FULL WIDTH

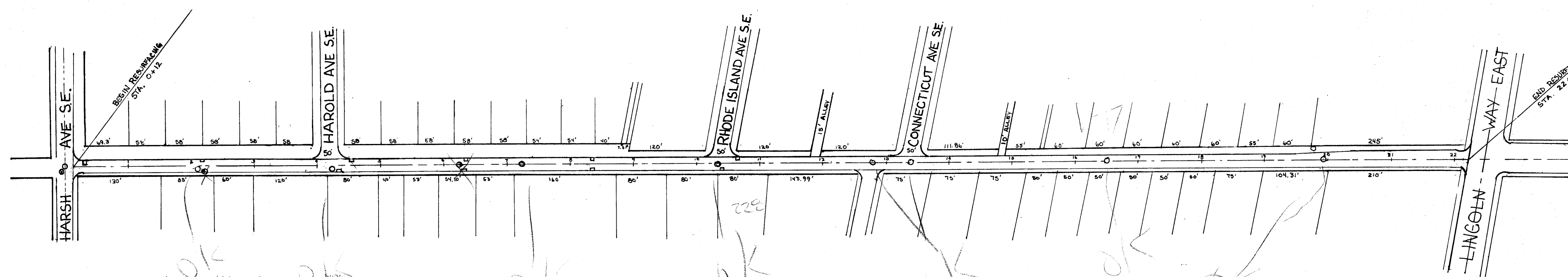
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
254	PLANING (S.Y.)	894.4 (S.Y.)
404	ASPHALT CONC. (CY)	445.1 C.Y.
604	ADJUST CATCH BASINS-SINGLE	10
	-DOUBLE	2
	MANHOLE	16



CALCULATIONS: STA 0+00 TO STA 21+42 @ 22' WIDTH

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
301	2 1/2" AGG BASE (CY)	234.9 ENGINEERS DIRECTION
404	ASPHALT CONC. (CY)	254.8 C.Y.
604	ADJUST CATCH BASINS	6
	MANHOLE	5

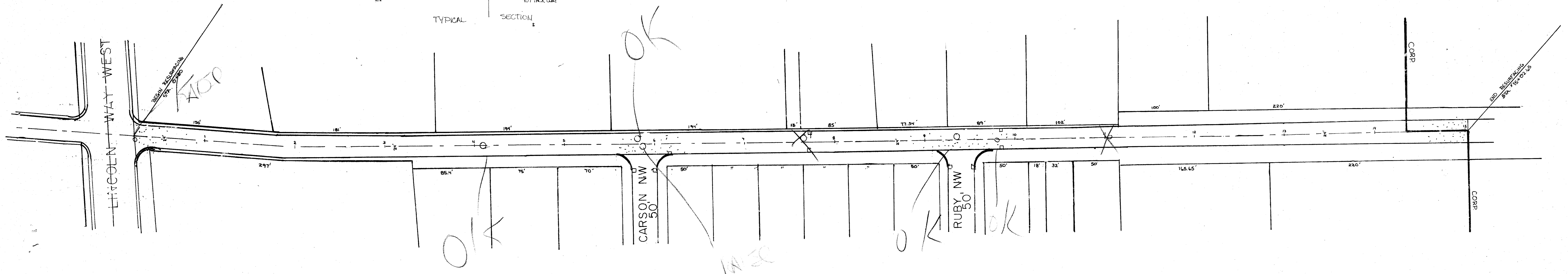
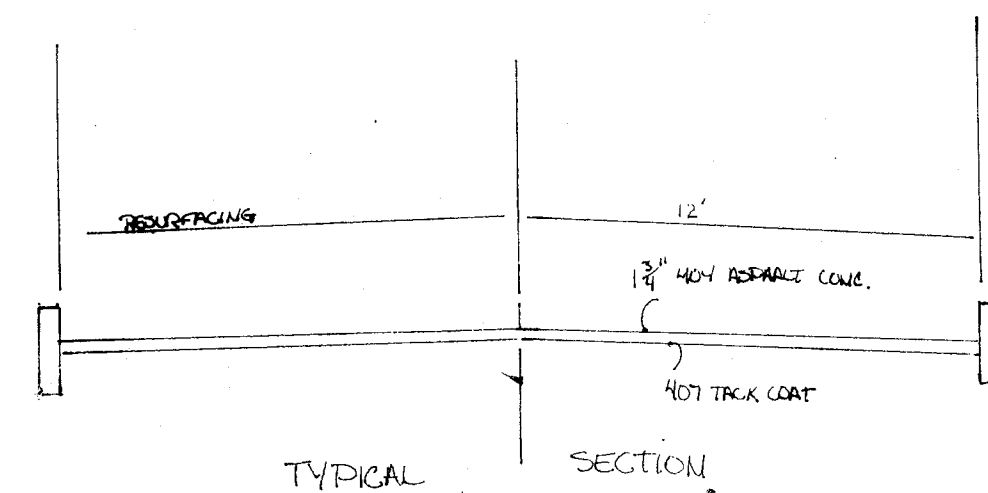
CITY OF MASSILLON, OHIO			
RESURFACING			
16th ST SE		27th ST NW	
DR BY GREG MCQUE		DEPT OF PUBLIC SERVICE ENGINEERING DIVISION	
CITY ENG. ROBERT WAGONER		9/12	
SCALE 1"=50'	APRIL 17th, 1991		



27th ST. S.E. 48' & 36' R/W

CALCULATIONS: STA 0+12 TO STA 22+21 @ 22'

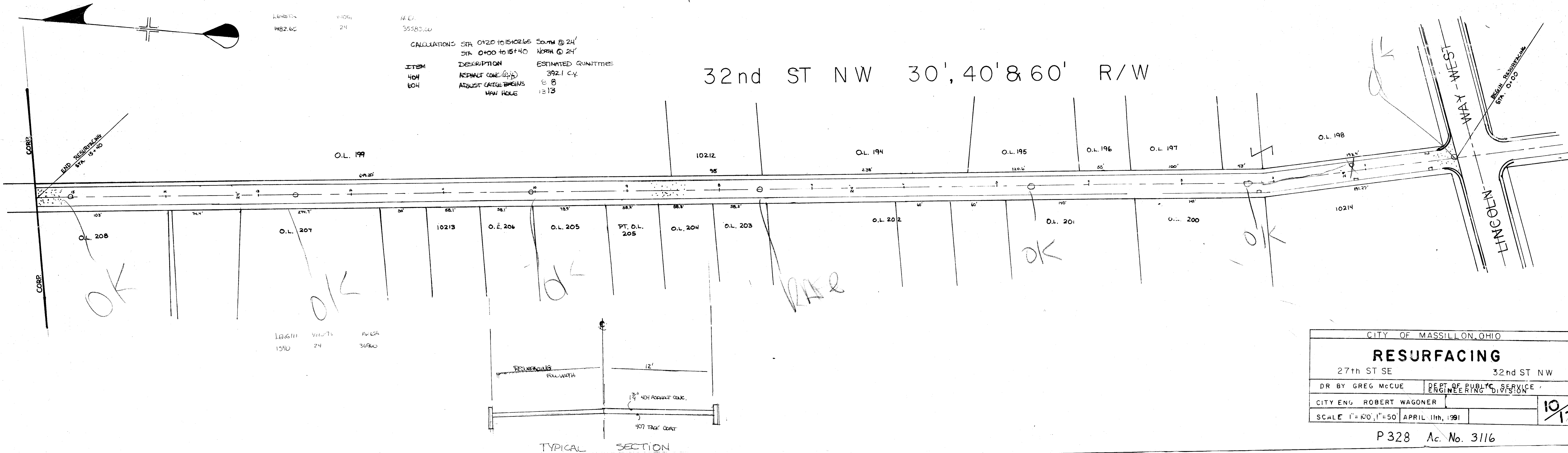
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
304	BUT. RES. BASE (CY)	210.0
404	ASPHALT CONC. (CY)	210.0
604	ADJUST. CATCH BASINS	9
	MANHOLE	9



32nd ST NW 30', 40' & 60' R/W

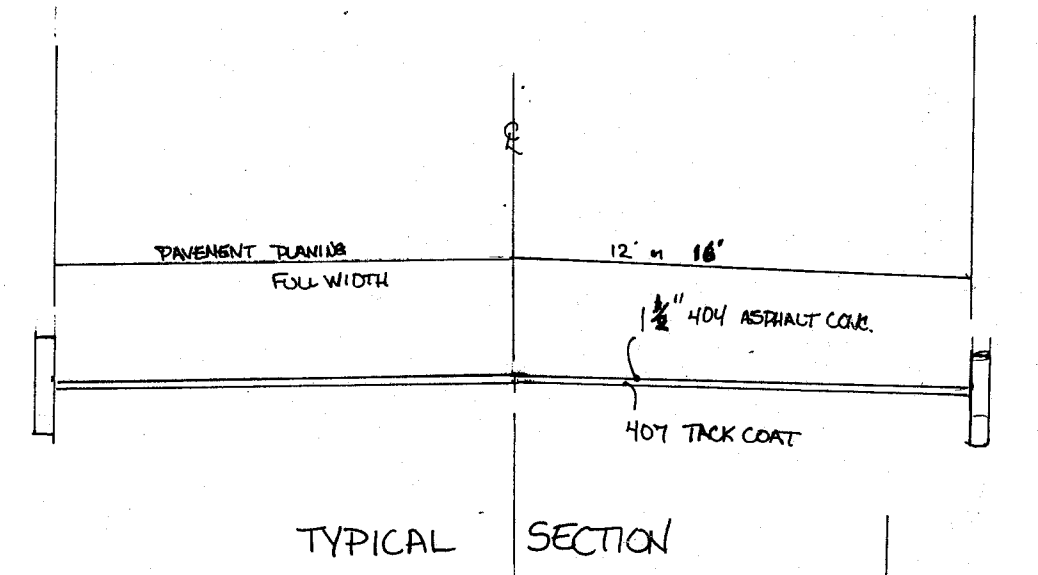
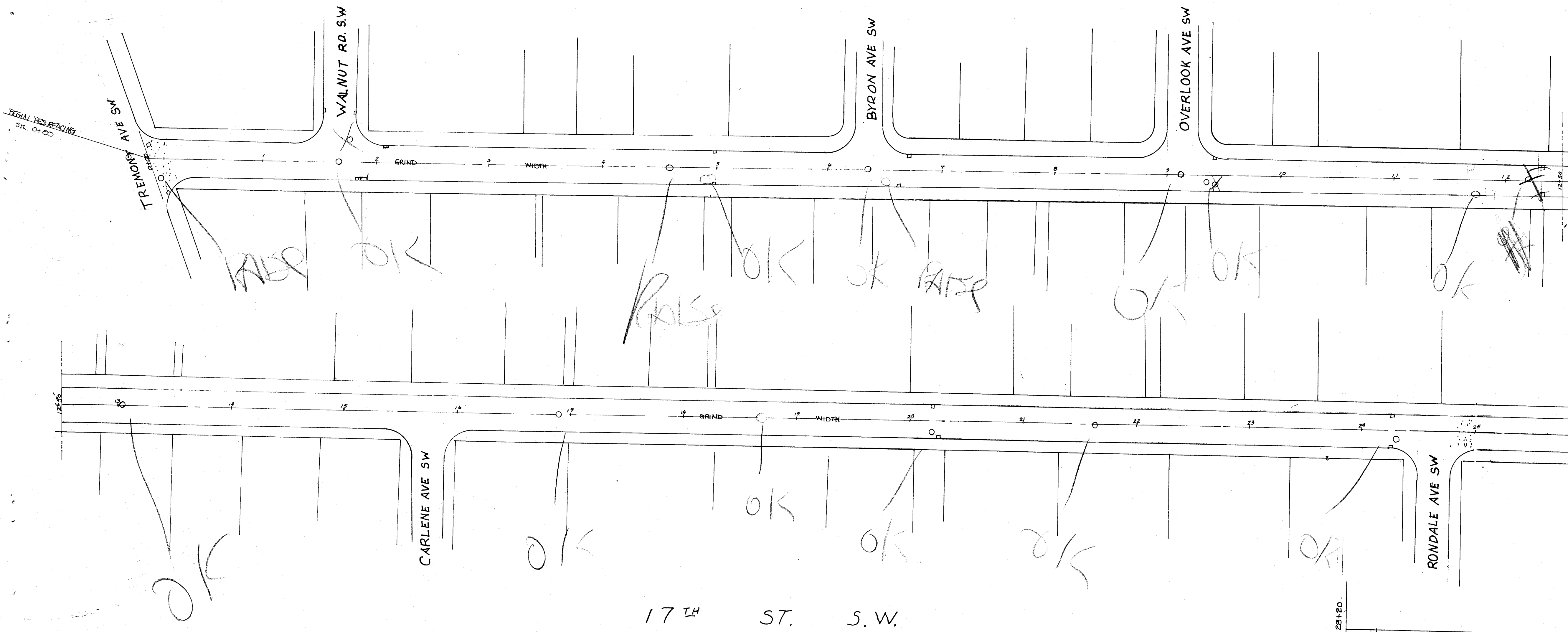
CALCULATIONS: STA 0+12 TO STA 22+21 @ 22'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
304	BUT. RES. BASE (CY)	210.0
404	ASPHALT CONC. (CY)	210.0
604	ADJUST. CATCH BASINS	9
	MANHOLE	9



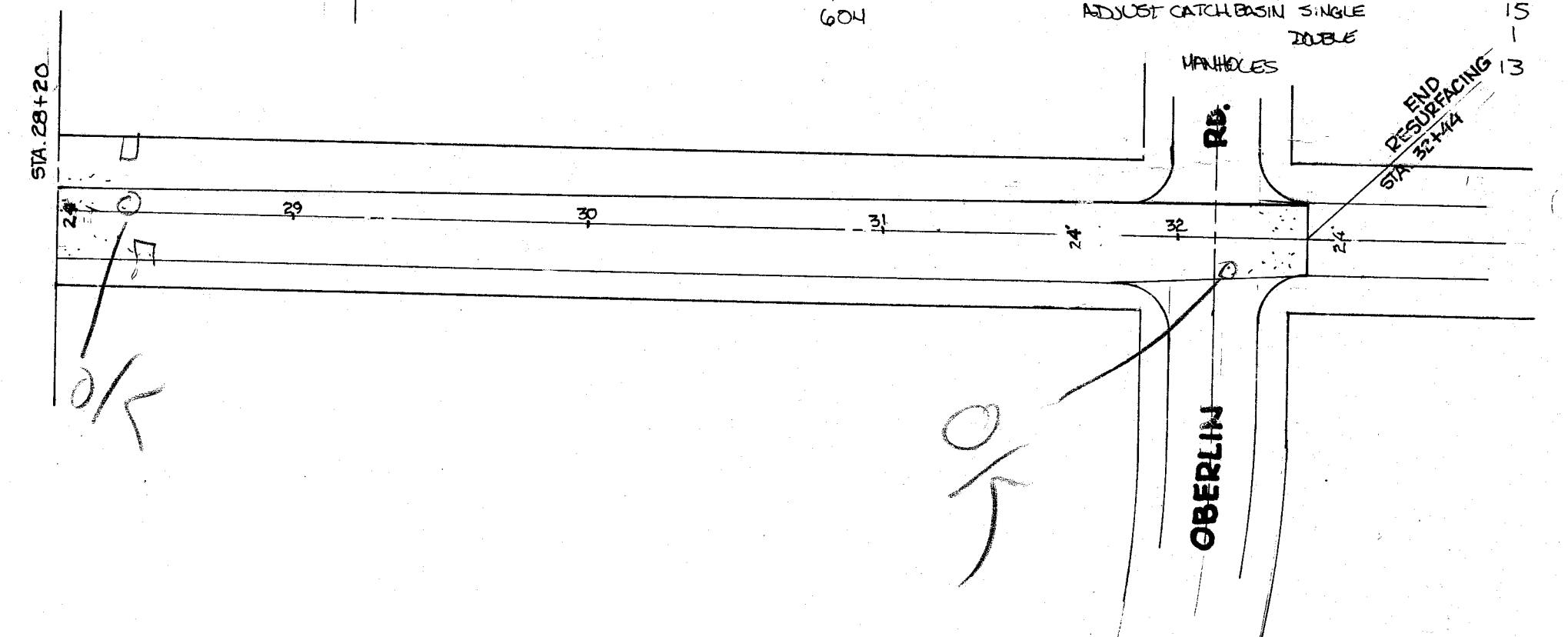
CITY OF MASSILLON, OHIO	
RESURFACING	
27th ST SE	32nd ST NW
DR BY GREG MCCUE	DEPT. OF PUBLIC SERVICE
CITY ENG. ROBERT WAGONER	ENGINEERING DIVISION
SCALE 1"=120', 1"=50'	APRIL 11th, 1991

P 328 Ac. No. 3116



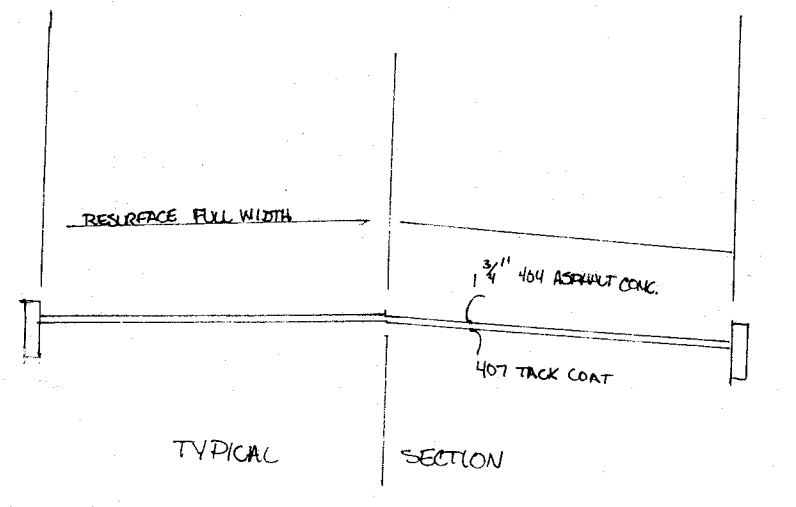
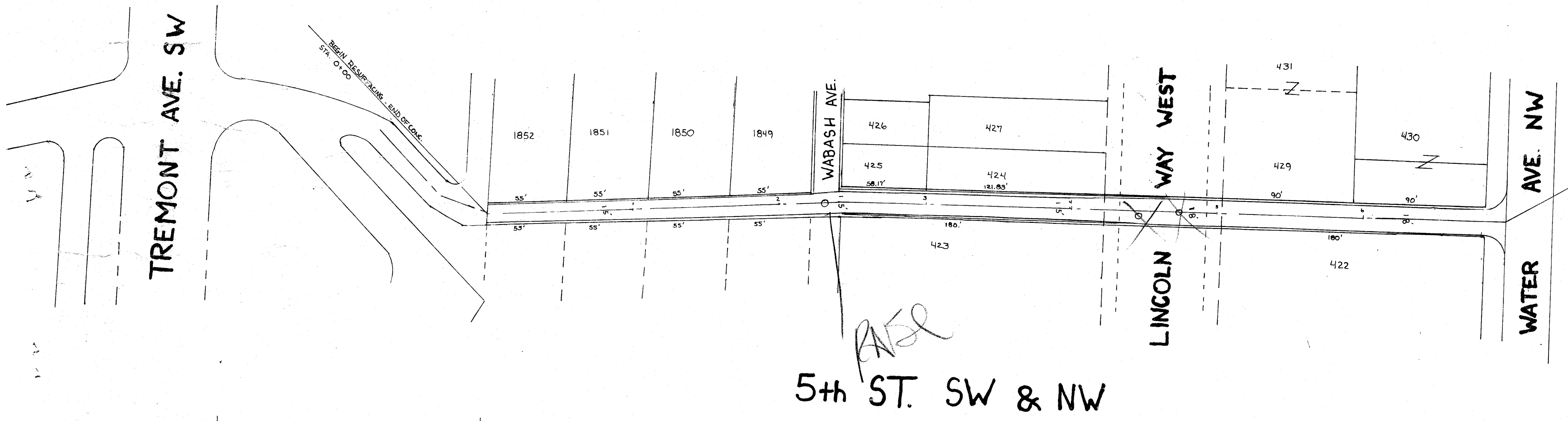
CALCULATIONS: STA. 0+00 TO 28+00 PAINT PLANING 24' FULL WIDTH
STA. 25+00 TO END OF CURB PAINT PLANING 32' FULL WIDTH

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
201	PLANING (SY)	1116.347 S.Y.
404	ASPHALT CONC. (CY)	542.7 CY
604	ADJUST CATCH BASIN SINGLE	15
	MANHOLE	13



CALCULATIONS: STA. 0+00 TO 6+96 RESURFACING WIDTH

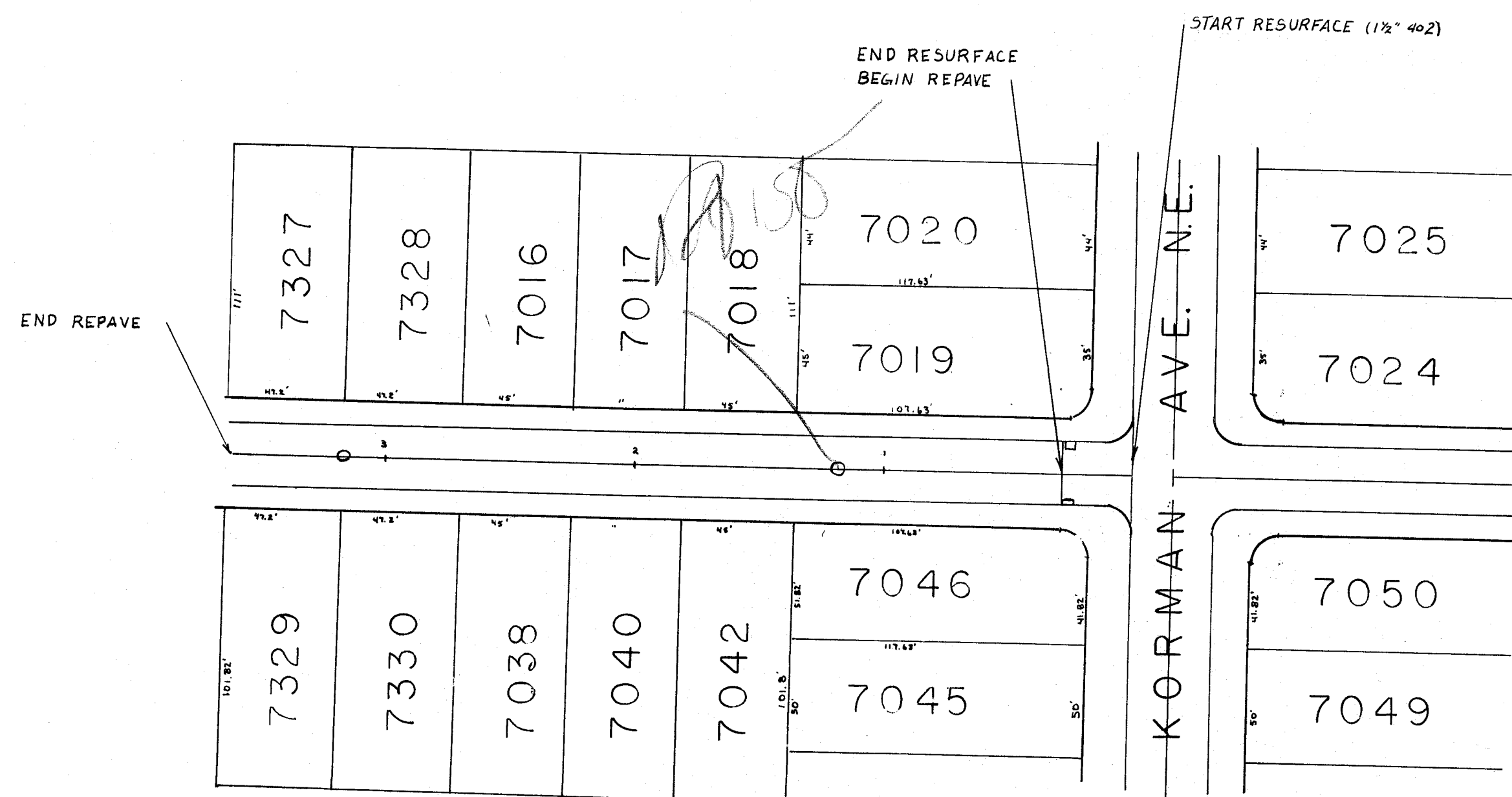
ITEM	DESCRIPTION	ESTIMATED QUANTITIES
301	BIT. ASP. CONC. (CY)	75.6 ENGINEERS DIRECTION
404	ASPHALT CONC. (CY)	50.2 CY
604	ADJUST CATCH BASIN	1
	MANHOLE	3



CITY OF MASSILLON, OHIO	
RESURFACING	
17th ST SW 5th ST SW & NW	
DR BY S. HAMIT, G. McCue	DEPT OF PUBLIC SERVICE ENGINEERING DIVISION
CITY ENG ROBERT WAGONER	
SCALE 1"=50'	APRIL 18th, 1991

FINAL	DATE
SURVEY	BY
NOTED	BY
NO.	NO.

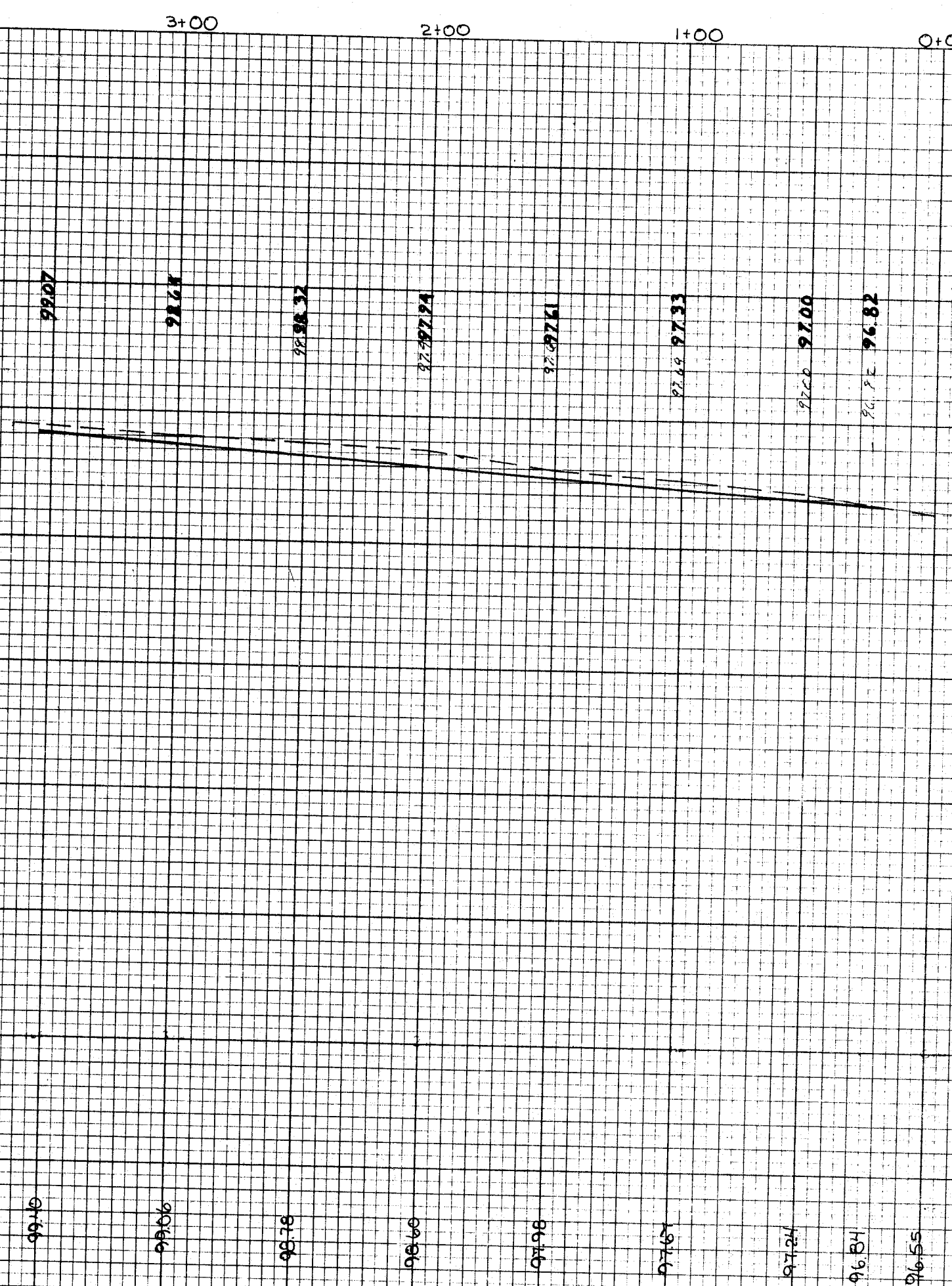
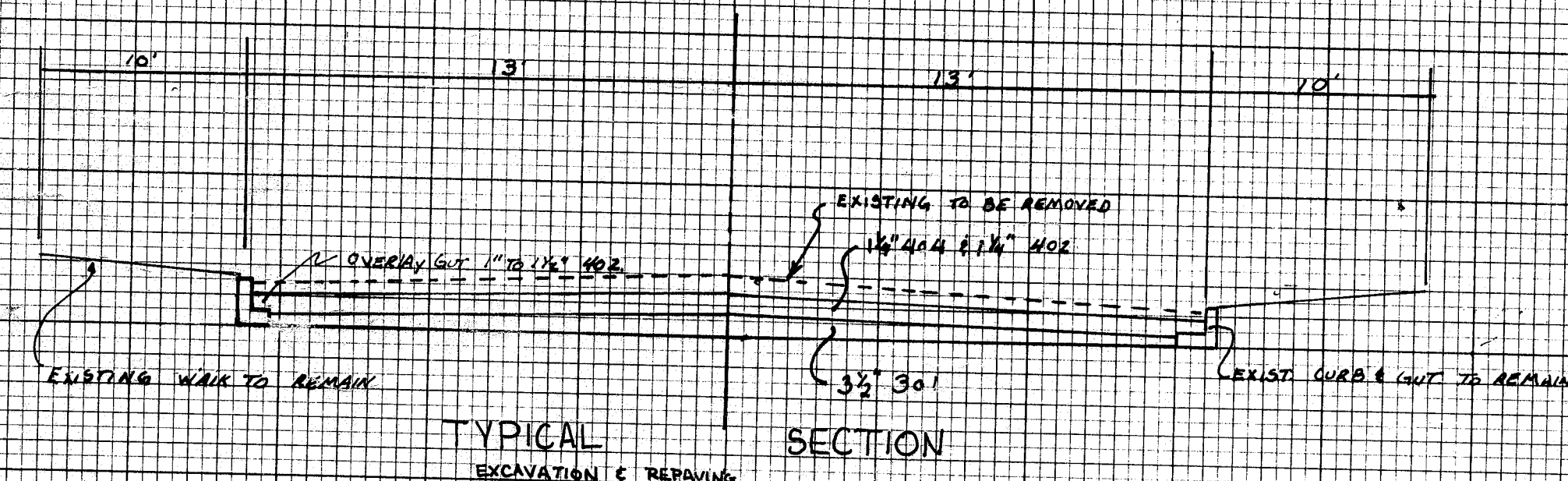
ORIGINAL	DATE
SURVEY	BY
NOTED	BY
NO.	NO.



CALCULATIONS: STA 0+00 TO STA 3+65 FULL WIDTH REPAVING @ 26'

ITEM	DESCRIPTION	ESTIMATED QUANTITIES
203	ROADWAY EXC. (C.Y.)	206.2 C.Y.
301	BIT AGG BREEZE (C.Y.)	132.6 C.Y.
402	ASPHALT CONC. (C.Y.)	36.8 C.Y.
404	ASPHALT CONC. (C.Y.)	36.8 C.Y.
604	ADJUST CATCH BASIN SLOPE	2
	MANHOLE	2

ROOSEVELT ST. N.E.



PLACE ASPHALT RAMPS AS NEED AT DRIVEWAY APPROACHES.

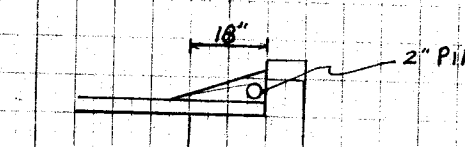
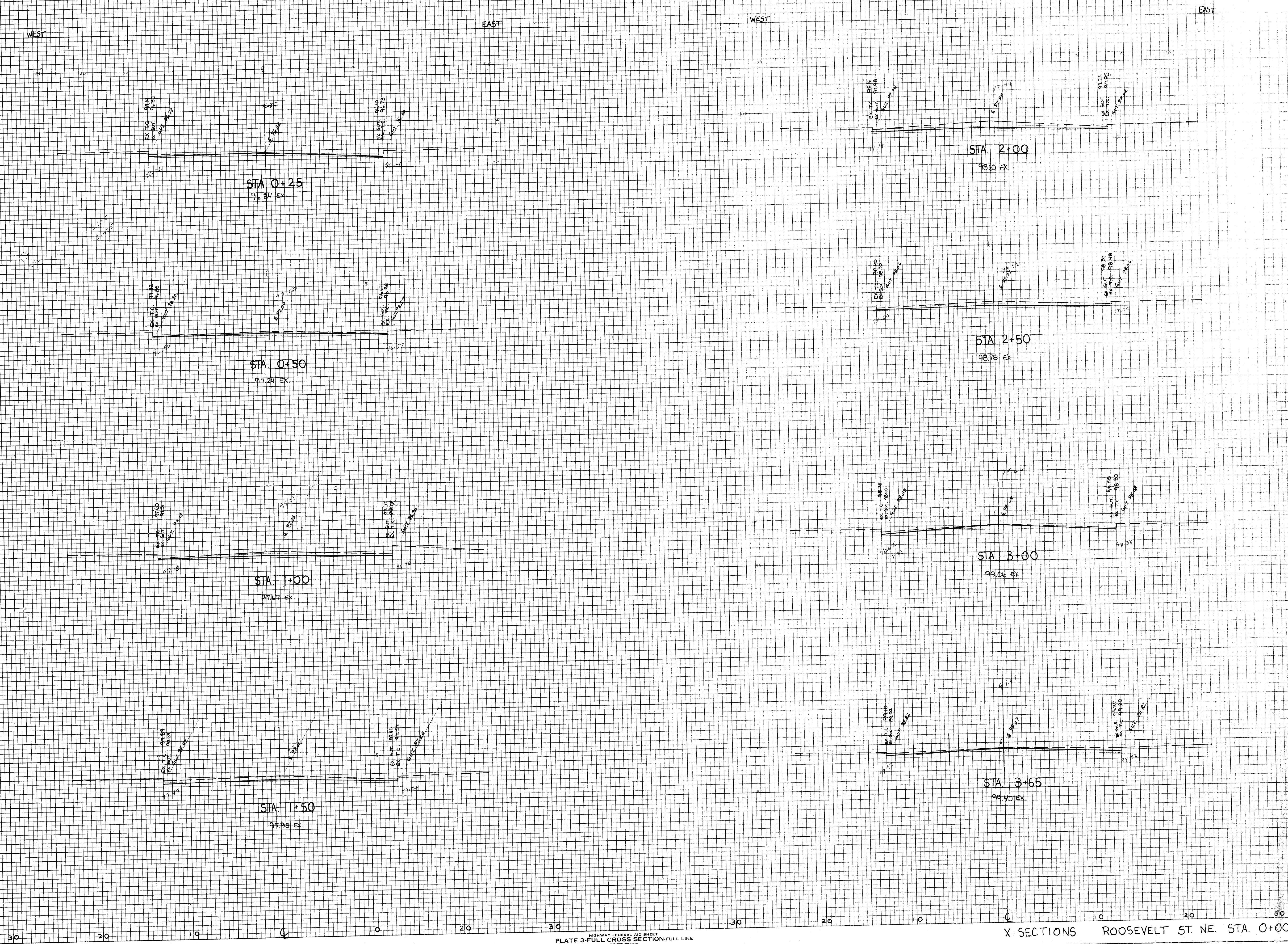


PLATE 4-SINGLE PLAN AND CROSS SECTION-FULL LINE
PRINTED IN U.S.A.

20/12

FINAL SURVEY	DATE	BY
	REVIEWED	DATE
	NOTED	DATE
	NO.	DATE

ORIGINAL SURVEY	DATE	BY
	REVIEWED	DATE
	NOTED	DATE
	NO.	DATE



HIGHWAY FEDERAL AID SHEET
 PLATE 3-FULL CROSS SECTION-FULL LINE
 4" TELEPHONE
 PRINTED IN U.S.A.

X-SECTIONS ROOSEVELT ST. NE. STA. 0+00 TO 3+65
 P328 Ac. No. 3116

12b/12