

STATE OF OHIO

STA-172-(6.07) (6.86)
STA-241- 8.83

DESIGN DESIGNATION

CURRENT A.D.T. (1984)	19,640	16,900
DESIGN YEAR A.D.T. (2004)	14,078	23,290
D.H.V.		

DEPARTMENT OF TRANSPORTATION

STA-172-(6.07) (6.86)
STA-241-8.83CITY OF MASSILLON
PERRY TOWNSHIP
STARK COUNTY

MR-2E03 (4)

MR-2E35 (3)

MICROFILMED
DEC 12 1991

CONVENTIONAL SIGNS

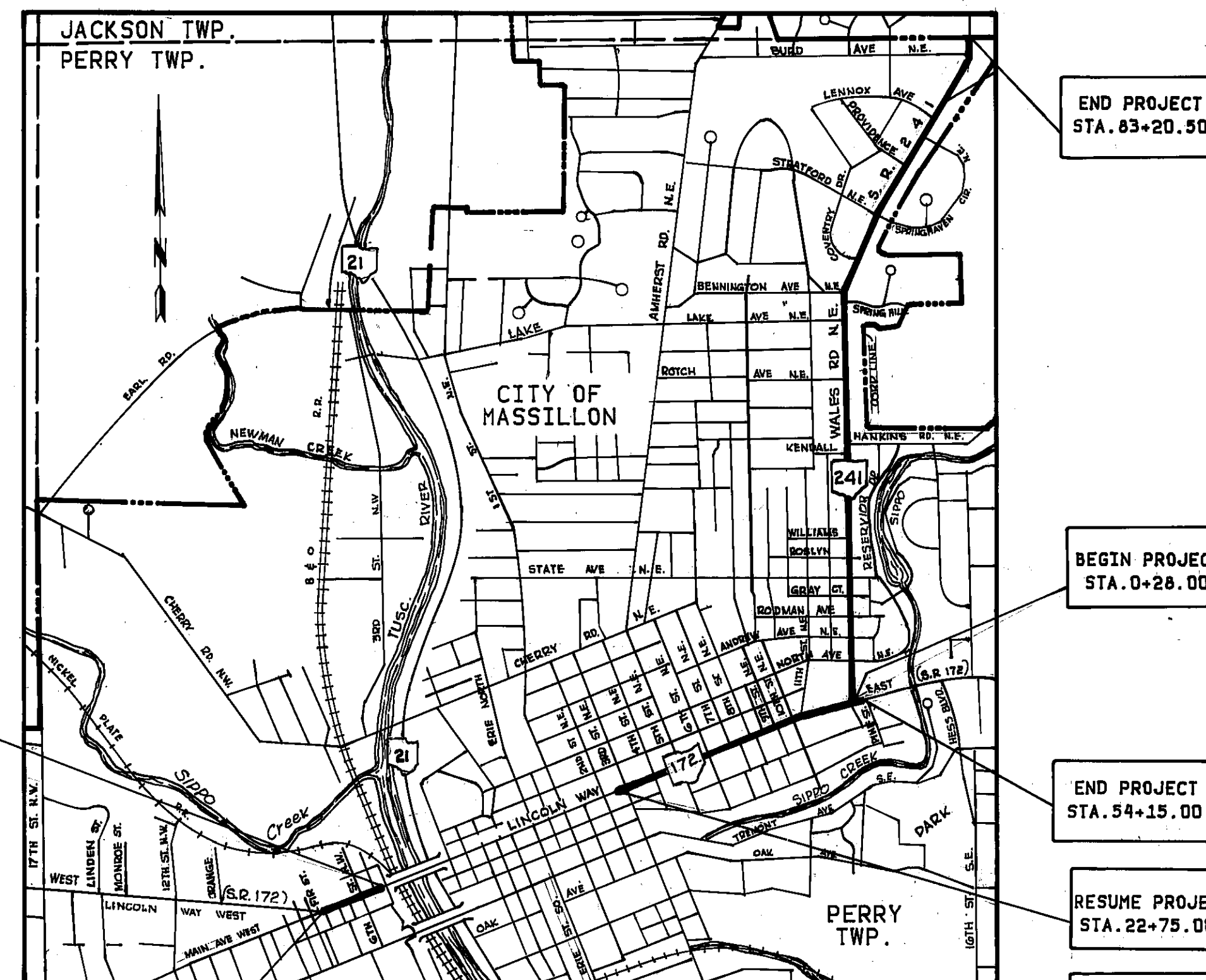
EXISTING RIGHT-OF-WAY	EX R/W
PROPOSED RIGHT-OF-WAY	R/W
STATE LINE	
COUNTY LINE	
TOWNSHIP LINE	
SECTION LINE	
CORPORATION LINE	
FENCE LINE	
GUARD RAIL (EXISTING)	
GUARD RAIL (PROPOSED)	
RAILROAD	
POWER POLES	
TELEPHONE (UNDERGROUND)	
TELEPHONE POLES	
TREES OR STUMPS	
GAS LINES	
WATER LINES	
WATER VALVE	

INDEX OF SHEETS

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LINE DATA

	MR-2E03 (4)	MR-2E35 (3)	TOTALS
BEGIN PROJECT AND WORK	STA:31+62.00	STA:0+28.00	
SUSPEND WORK	STA:41+67.95		
RESUME WORK	STA:22+75.00		
END PROJECT AND WORK	STA:54+15.00	STA:83+20.50	
LENGTH OF PROJECT & WORK	4147.95 LIN.FT. OR 0.786 MILES	8292.50 LIN.FT. OR 1.571 MILES	12,440.45 LIN.FT. OR 2.356 MILES



LOCATION MAP

PORTIONS TO BE IMPROVED
STATE ROUTES 172 241
OTHER ROADS

SCALES

PLAN: -----
PROFILE: ----- HORIZONTAL
CROSS SECTION: HORIZONTAL

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS			
BP-1 6-1-65	CB-2 2-1-79	IC-41 20 3-26-79					
BP-3 12-6-76	CB-5 11-6-83	IC-42 20 3-26-79					
BP-4 7-16-81	MC-4 7-26-76	IC-52 20 4-3-79					
BP-5 7-16-81	MC-10 5-1-76	IC-42 10 8-10-77		847 10-17-83			
BP-6 6-1-65		IC-65 10 2-26-82		947 10-17-83			
BP-7 12-6-76	LA-1 6-1-79	IC-65 12 5-21-81					
		IC-65 13 5-21-81					
BP-12 7-7-81		IC-51 10 1-20-84					
		IC-71 10 4-8-79					
		IC-82 10 8-25-84					
		IC-51 11 1-20-84					

UNDERGROUND UTILITIES

48 HOURS

BEFORE YOU DIG

CALL 800-382-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICENON-MEMBERS
MUST BE CALLED DIRECTLYCOOPERATIVELY
PREPARED BY THE
CITY OF MASSILLON
ENGINEERING DEPARTMENT
AND
W.E. QUICKSALL
AND ASSOCIATES, INC.
CONSULTING ENGINEERS AND ARCHITECTS
NEW PHILADELPHIA, OHIO

1985 SPECIFICATIONS

The Standard Specification of The State of Ohio, Department of Transportation including changes and Supplemental Specification listed in the proposal shall govern the improvement.

I hereby approve these plans and declare that the making of this improvement will not require the closing to traffic of the highway and that provisions for the maintenance and safety of traffic will be as set forth on the plans and estimates.

APPROVED Jed C. Willoughby
DATE 10-26-84 SAFETY/SERVICE DIRECTOR, CITY OF MASSILLONAPPROVED Francis V. Fischer
DATE 11-27-84 DISTRICT DEPUTY DIRECTOR OF TRANSPORTATIONAPPROVED Wayne H. Kauble
DATE 3-29-85 CHIEF ENGINEER, PLANNING AND DESIGNAPPROVED Warren J. Smith
DATE 3-29-85 DIRECTOR, DEPARTMENT OF TRANSPORTATIONFILE NO. PROJECT STA-172-(6.07) (6.86)
STA-241-8.83
DATE OF LETTING
CONTRACT NO.

APPROVED

DIVISION ADMINISTRATOR

DATE

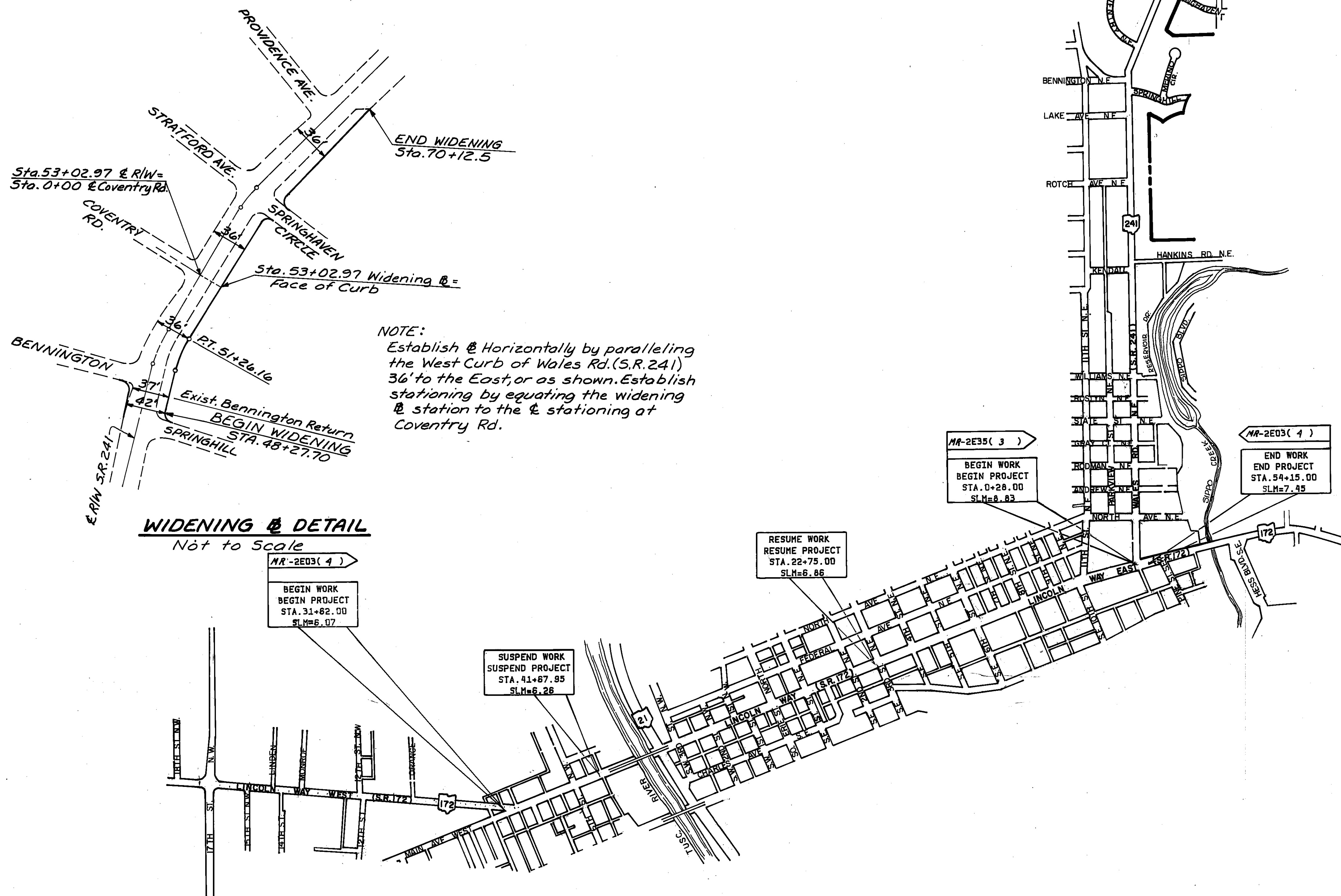
STA-172-(6.07) (6.86)
STA-241- 8.83

SCHEMATIC PLAN

LINCOLN WAY EAST & WEST (S.R.172)

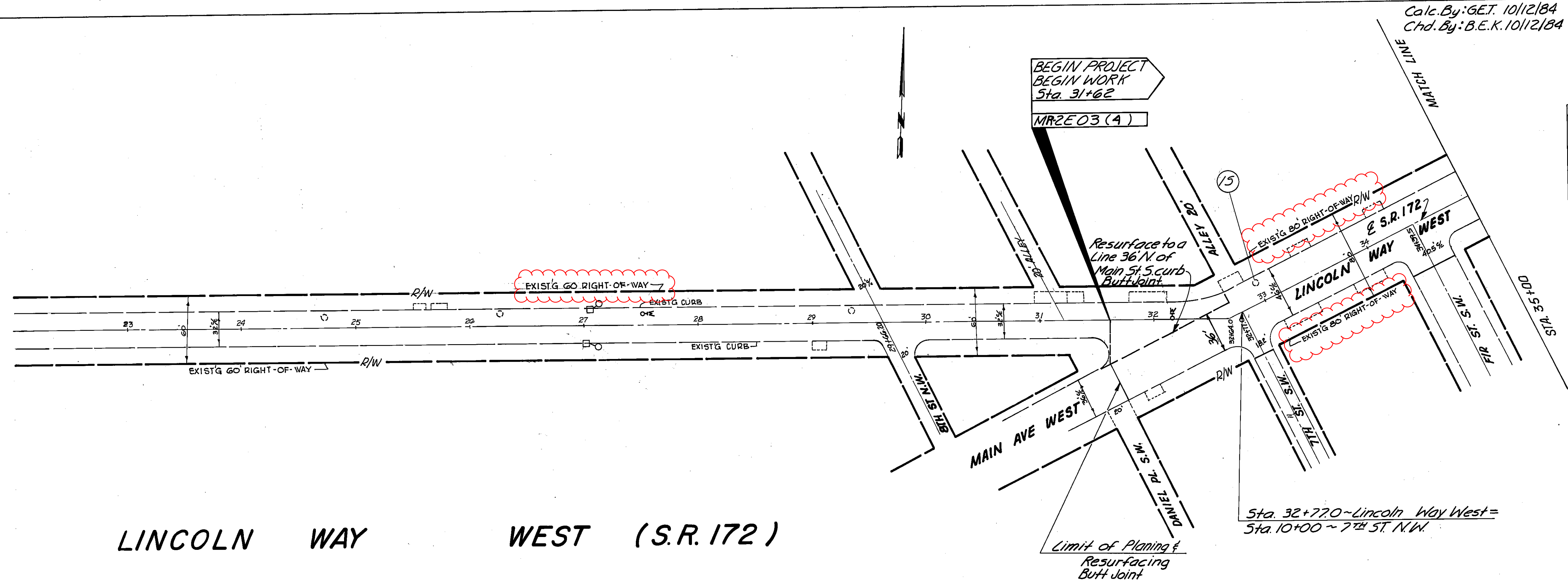
WALES RD. N.E. (S.R.241)

SCALE IN FEET
0 100' 200'

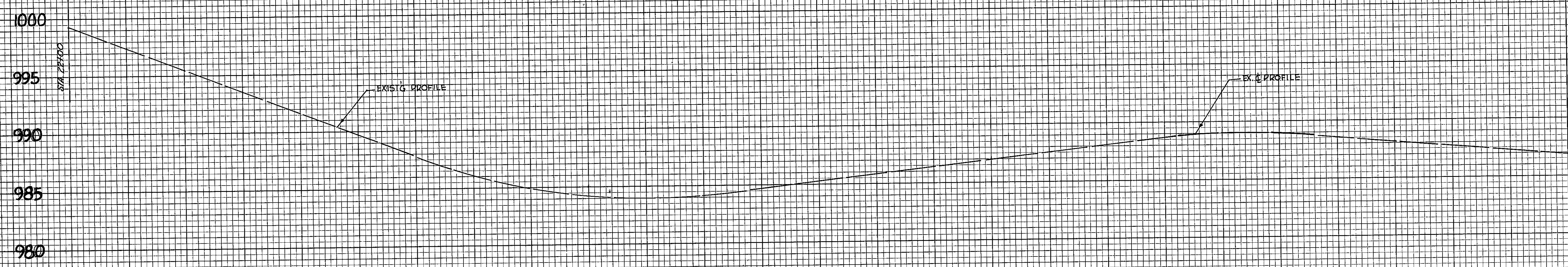


FINAL	
SURVEY	
NO.	
DATE	
BY	
PROJECT	
PLAT	
NOTE BOOK	
NO.	
AREAS CHECKED	

ORIGINAL	
SURVEY	
NO.	
DATE	
BY	
PROJECT	
PLAT	
NOTE BOOK	
NO.	
AREAS CHECKED	



LINCOLN WAY WEST (S.R. 172)



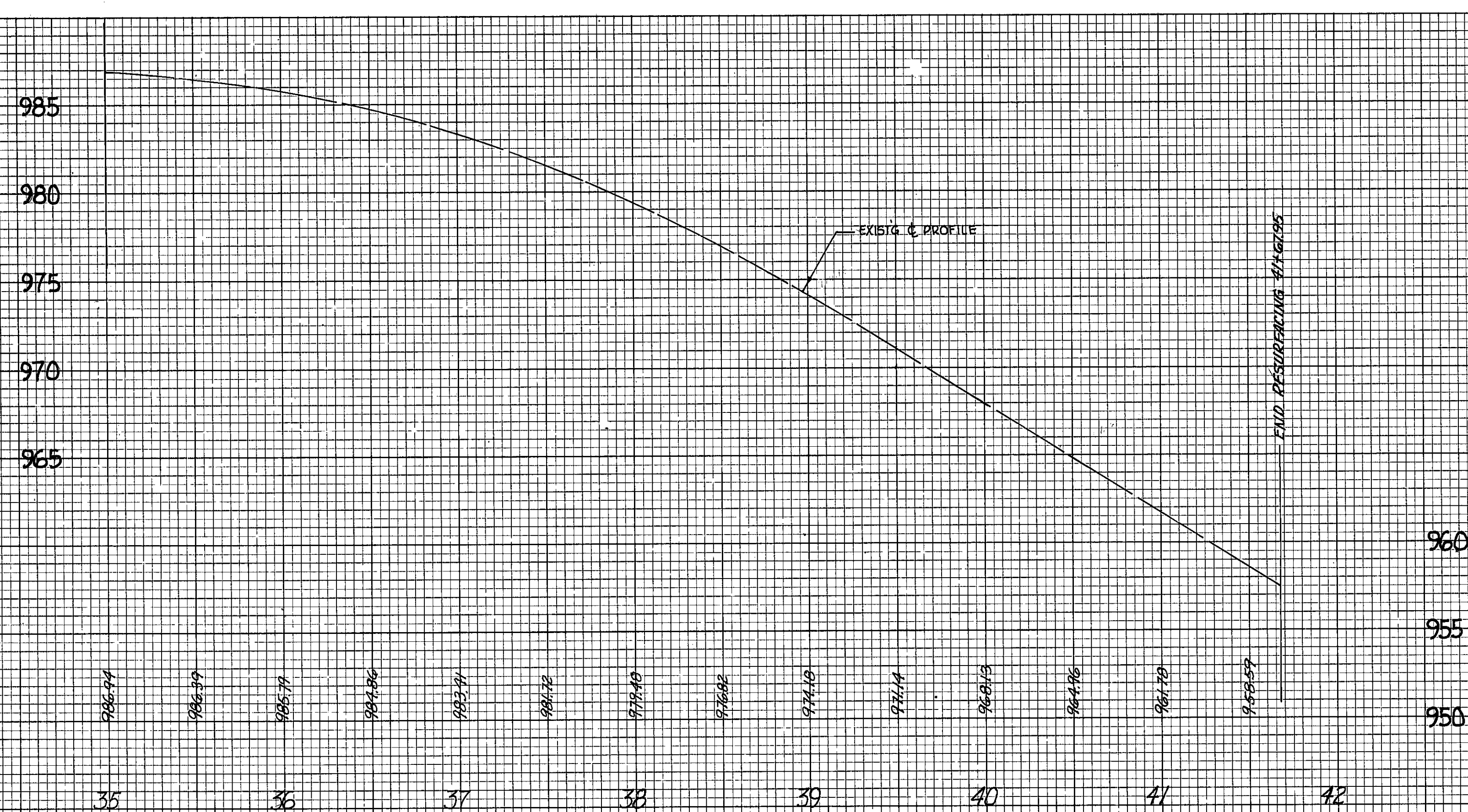
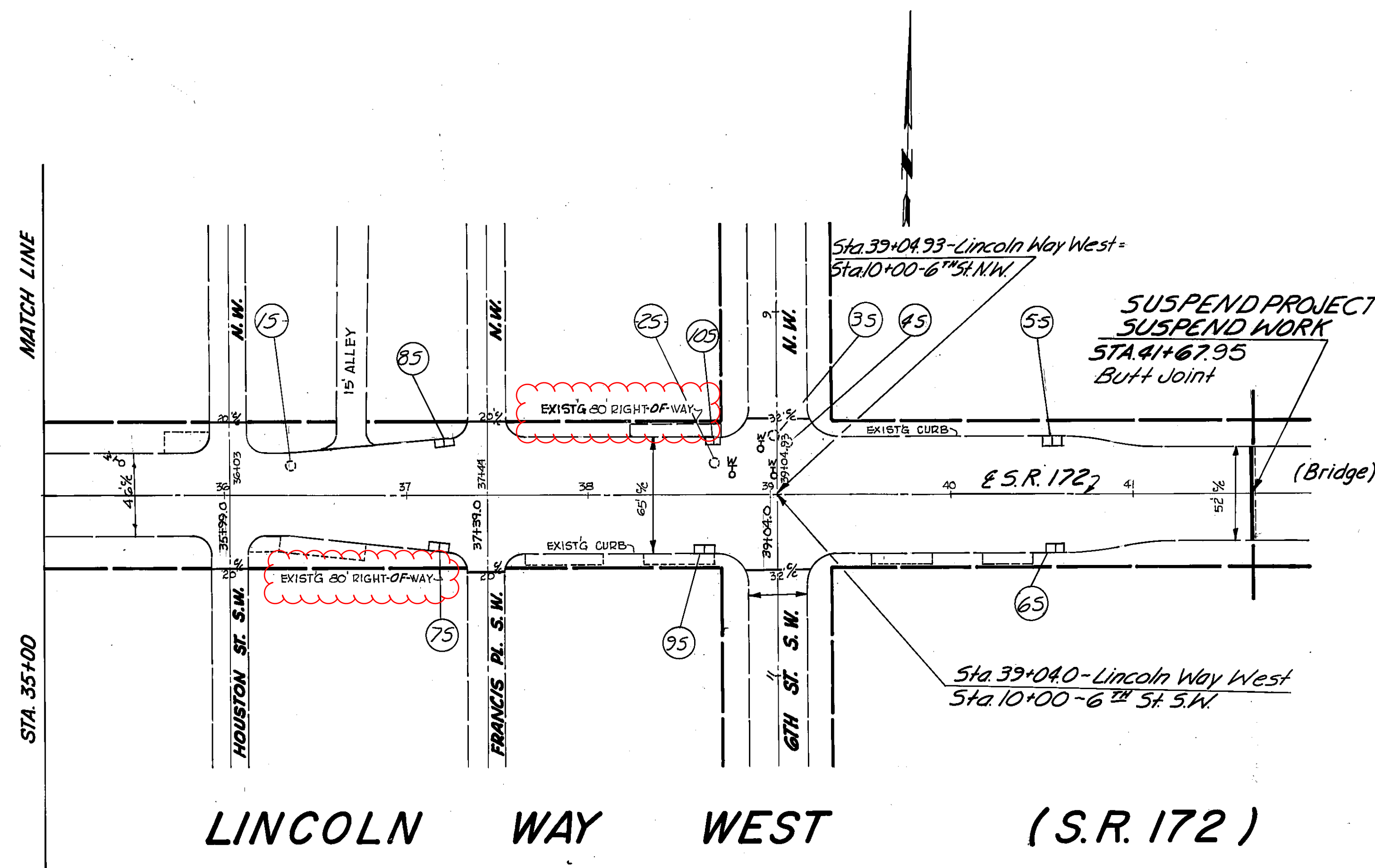
Calc. By: G.E.T. 10/12/84
Chd. By: B.E.K. 10/12/84

STA-172-(6.07) (6.86)
STA-241-8.83

ITEMS	SEWER STATIONS		SIDE	604	
	FROM	TO		M.H. ADJUSTED TO GRADE EACH	C.B. Recon-structed to Grade Each
15	34+35	LT.		1	
25	38+10	LT.		1	
35	38+02	LT.		1	
45	39+10	LT.		1	
55	40+56	LT.		1	
65	40+56	RT.		1	
75	37+18	RT.		1	
85	37+20	LT.		1	
95	38+63	RT.		1	
105	38+20	LT.		1	
TOTAL				4	6

FINAL	SURVEYED	DATE	BY
SURVEY	NOTED	DATE	BY
NOTE BOOK	DATE	BY	
NO.	DATE	BY	

ORIGINAL	SURVEYED	DATE	BY
SURVEY	NOTED	DATE	BY
NOTE BOOK	DATE	BY	
NO.	DATE	BY	

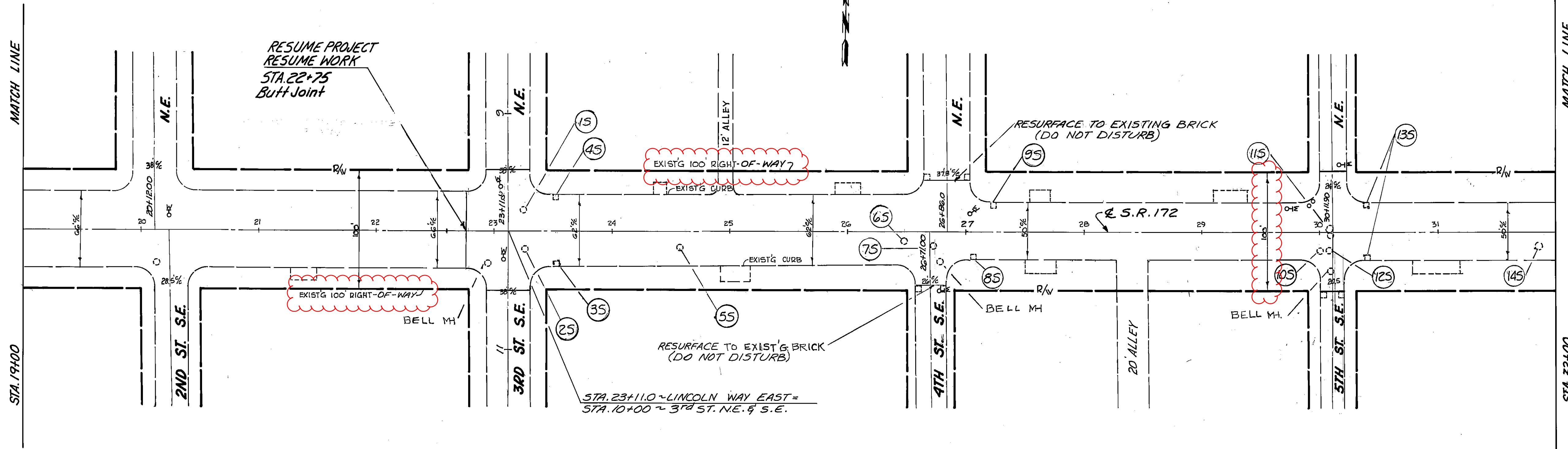


Calc. By: G.E.T. 10/12/84
 Chd. By: B.E.K. 10/12/84

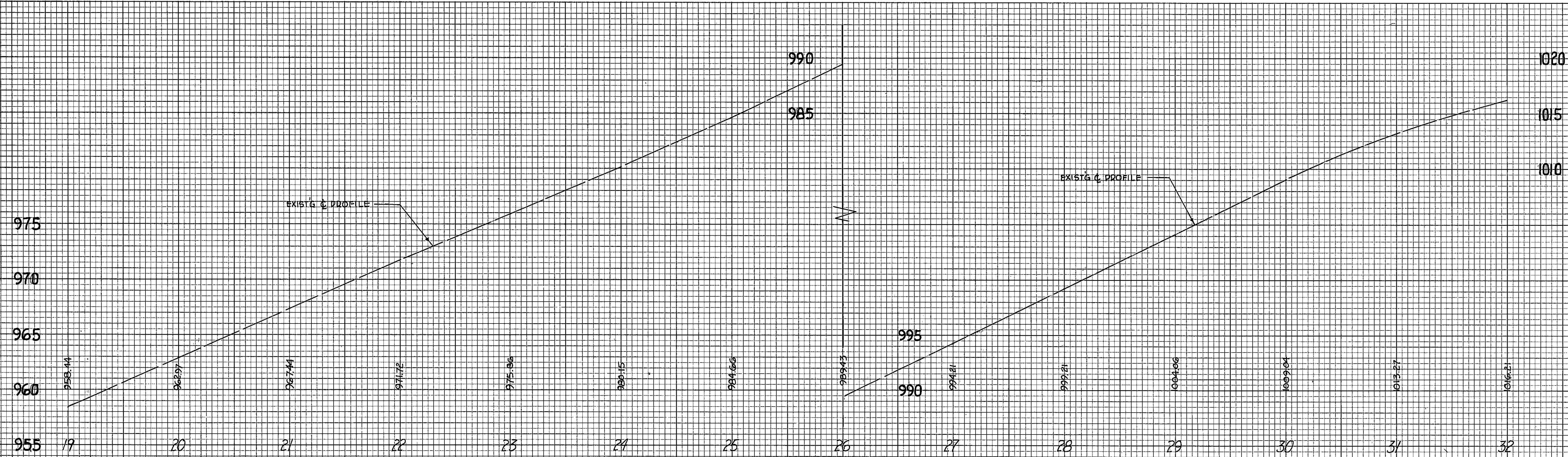
STA-172-(6.07) (6.86)

STA-241- 8.83

SEWERS					
ITEM	STATIONS	SIDE	604- M.H. TO GRADE EACH	604- C.B. RECONSTRUCTED TO GRADE EACH	
15	23+25	L	1		
25	23+26	R	1		
35	23+50	L		1	
45	23+52	R		1	
55	24+56	R	1		
65	26+42	R	1		
75	26+72	R	1		
85	27+07	R		1	
95	27+23	L			
105	30+00	R	1		
115	30+08	R/L	2		
125	30+08	R	1		
135	30+40	R/L		2	
145	31+87	R	1		
TOTAL			10	6	



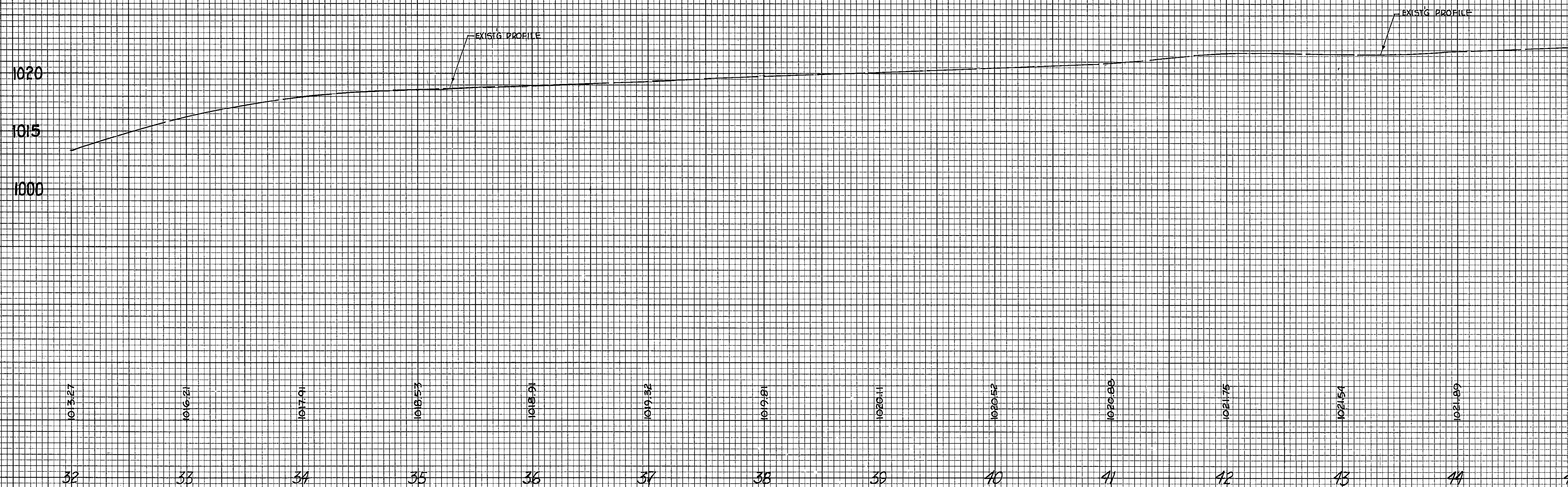
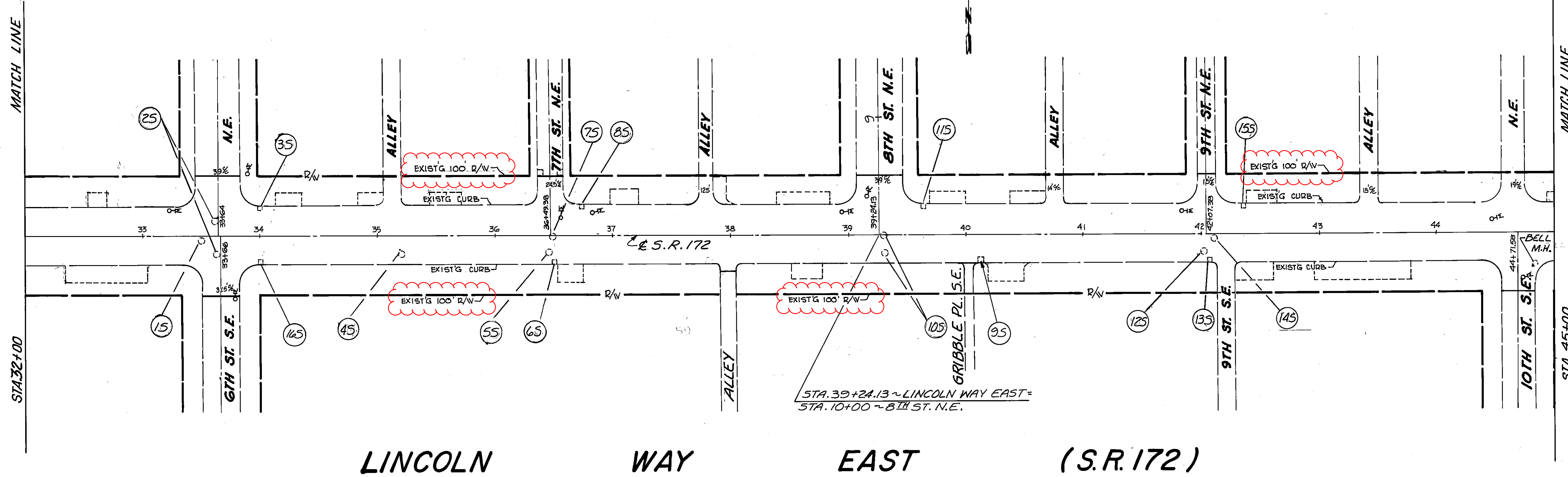
LINCOLN WAY EAST (S.R. 172)



Calc. By: G.E.T. 10/12/84
 Chd. By: B.E.K. 10/22/84

STA-172-(6.07) (6.86)
 STA-241-8.83

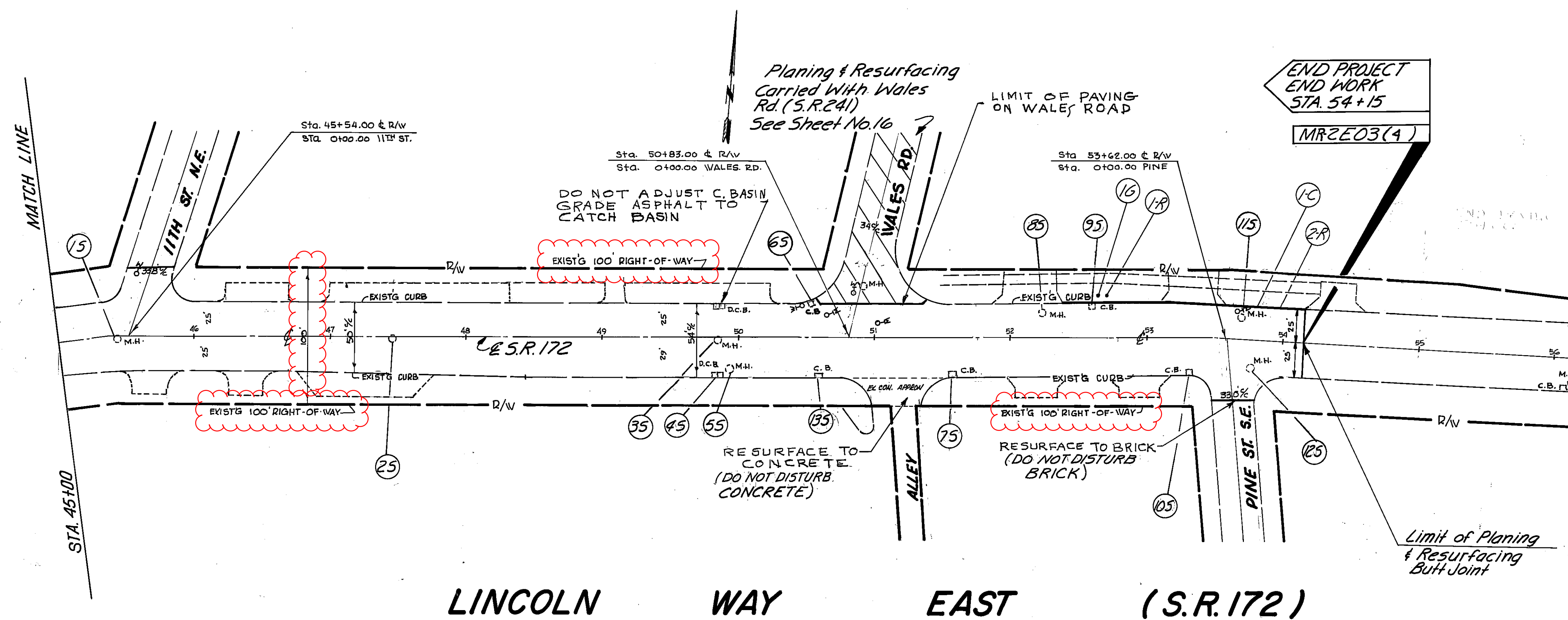
SEWERS				604			
ITEMS	STATIONS		SIDE	M.H. ADJUSTED TO GRADE EACH	C.B. ADJUSTED TO GRADE EACH	R. ST. TO GRADE EACH	
	FROM	TO					
15	33+50		R	1			
25	33+63		R+L	2			
35	34+00		L				
45	35+20		R	1			
55	36+45		R	1			
65	36+50		R		1		
75	36+50		R	1			
85	36+75		L				
95	40+10		R				
105	39+30		R+L	2			
115	39+64		L				
125	42+03		R	1			
135	42+06		R				
145	42+11		R	1			
155	42+30		L		1		
165	34+00		R		1		
TOTAL				10	3		



Calc. By: G.E.T. 10/12/84
 Chd. By: BEK. 10/22/84

STA-172-(6.07) (6.86)
 STA-241- 8.83

DATE	
BY	
REVIEWED	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	



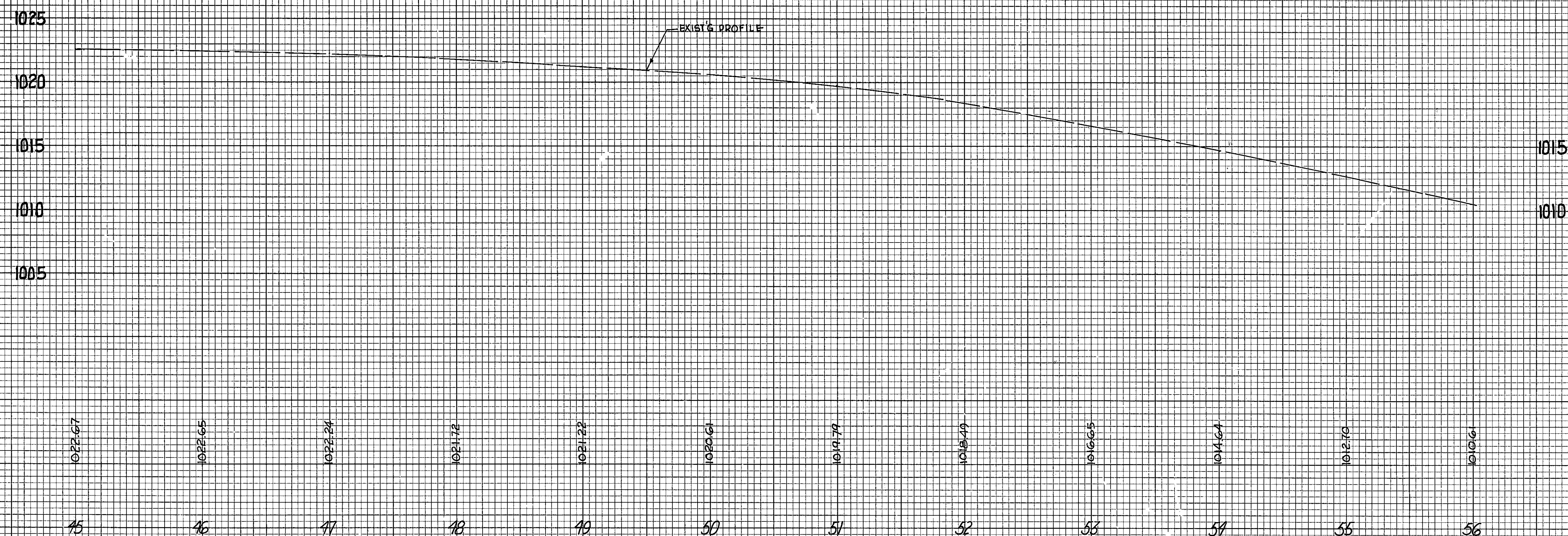
LINCOLN WAY EAST (S.R. 172)

SEWERS					
ITEMS	STATIONS		SIDE	604 ADJUST'D TO GRADE EACH	604 ADJUST'D TO GRADE EACH
15	45+44	46+44	C	1	
25	47+44	48+44	C	1	
35	49+85	50+85	C	1	
45	49+85	50+85	R		1
55	49+95	50+95	R	1	
65	50+53	51+53	L		1
75	51+57	52+57	R		1
85	52+24	53+24	L	1	
95	52+58	53+58	L		1
105	53+30	54+30	R		1
115	53+70	54+70	L	1	
125	53+76	54+76	R	1	
135	50+59	51+59	R		1
TOTAL				7	6

ESTIMATED QUANTITIES							
ITEMS	STATIONS		SIDE	202	202	609	609
	FROM	TO		Curb Removed Lin. Ft.	Walk Removed Sq. Ft.	Curb Standard Type 6 Lin. Ft.	Sod Sq. Ft.
* 1R	52+35	52+80	Lt.		750		
2R	52+41	54+15	Lt.	174			
1C	52+41	54+15	Lt.			174	
1G							8
TOTAL				174	750	174	8

* 1-R Consists of removal of the paved area between the curb and sidewalk between the stations listed. - Replace with sod, 1 G.

DATE	
BY	
REVIEWED	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

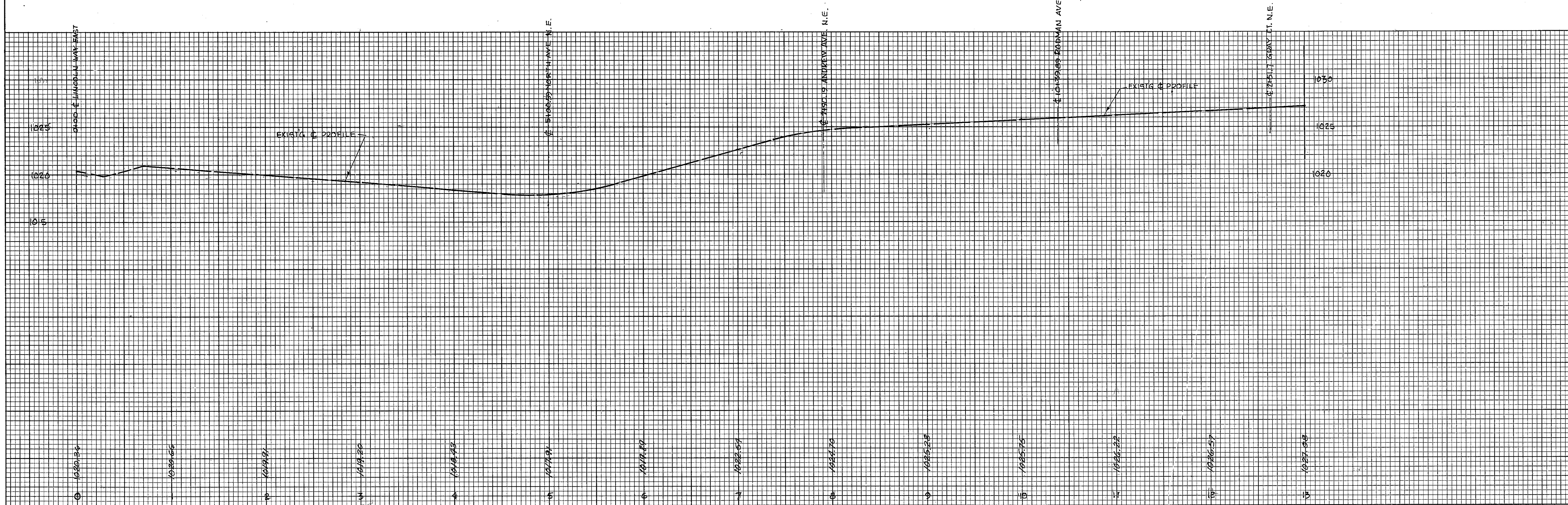
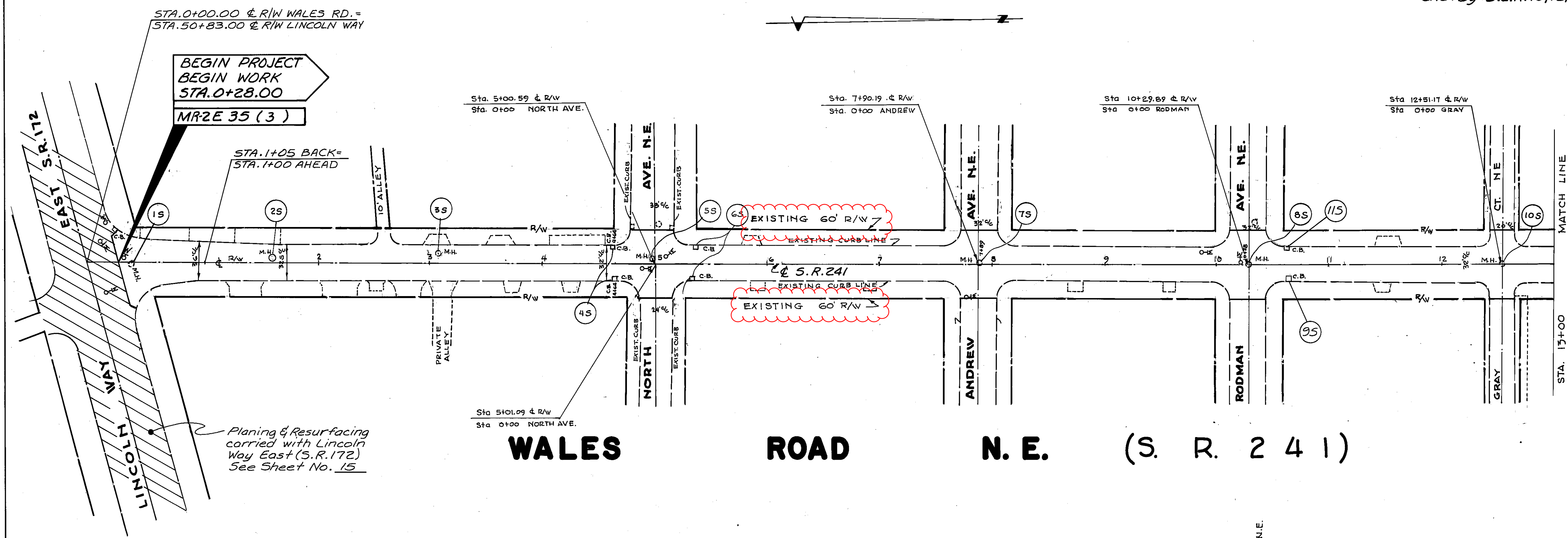


Calc. By: G.E.T. 10/12/84
Chd. By: B.E.K. 10/12/84

10
35

STA-172-(6.07) (6.86)
STA-241- 8.83

SEWERS						
ITEMS	STATIONS		SDS	604 MANHOLE ADJ'D TO GRADE EA.	604 C.BASINS ADJ'D TO GRADE EA.	604 C.BASINS CITY TYPE A EA.
	FROM	TO				
1S	0+35		L	1		
2S	1+63		L	1		
3S	3+07		L	1		
4S	4+64		R			2
5S	4+98		L	1		
6S	5+33	5+36	R			2
7S	7+59		L	1		
8S	10+28		L	1		
9S		10+66	R		1	
10S	12+51		L	1		
11S	10+63		L		1	
TOTALS				7	2	4

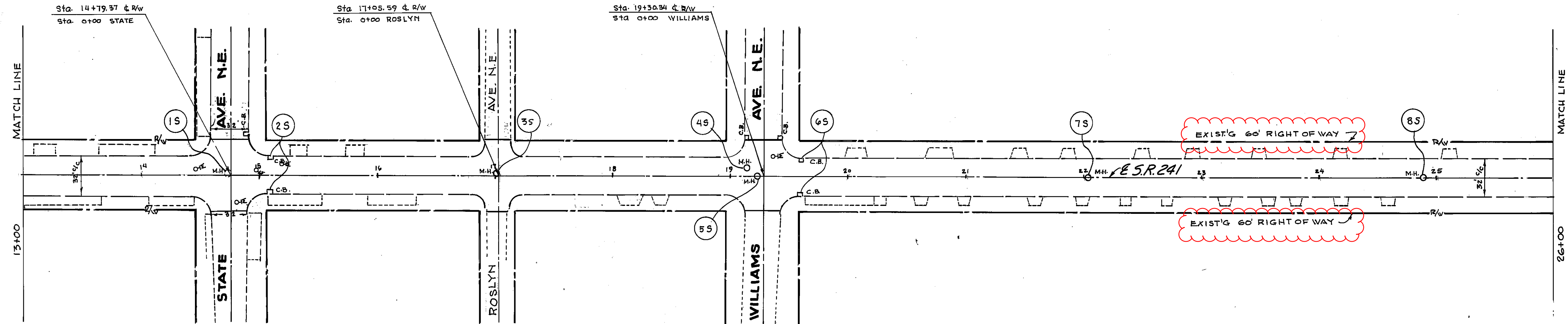


Calc. By: G.E.T. 10/12/84
Chd. By: B.E.K. 10/12/84

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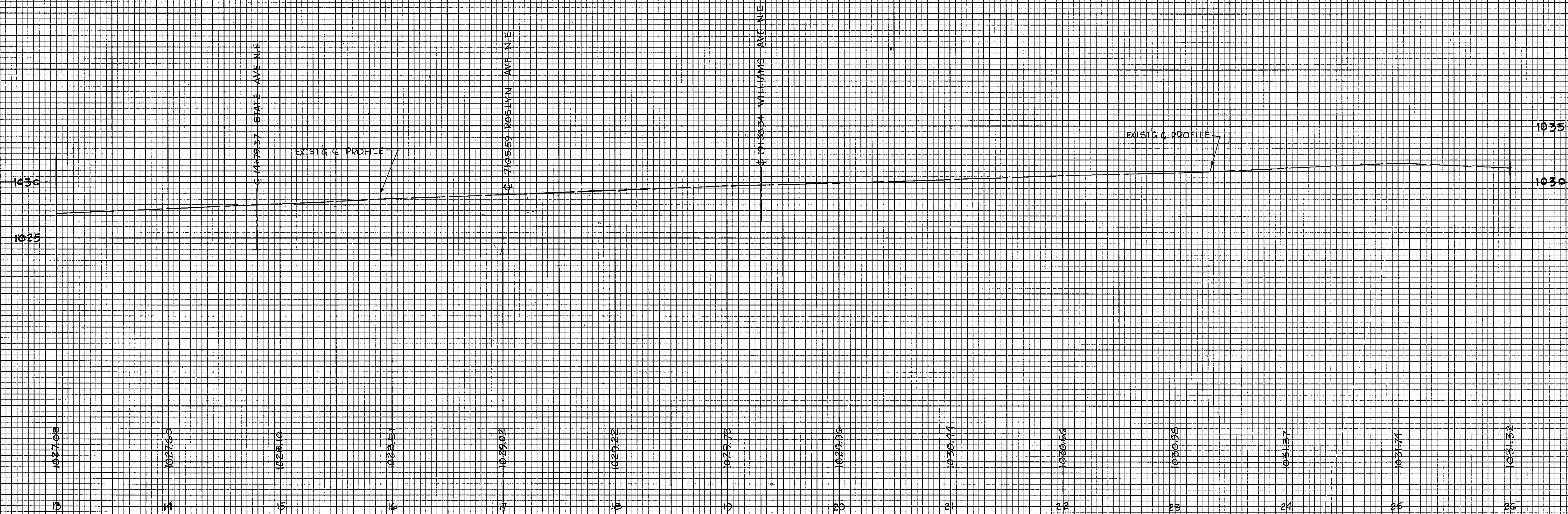
17
35

STA-172-(6.07) (6.86)
STA-241- 8.83



WALES ROAD N. E. (S. R. 241)

SEWERS				
	STATIONS		604 MANHOLE ADJTD TO GRADE EACH	604 CATCH BASINS ADJTD TO GR. EACH
	FROM	TO		
1S	14+73	L	1	
2S	15+10	R/L		2
3S	17+01	L	1	
4S	19+14	L	1	
5S	19+23	E	1	
6S	19+60	R/L		2
7S	22+03	E	1	
8S	24+89	E	1	
TOTALS			6	4



Calc. By: G.E.T. 10/12/84
Chd. By: B.E.K. 10/12/84

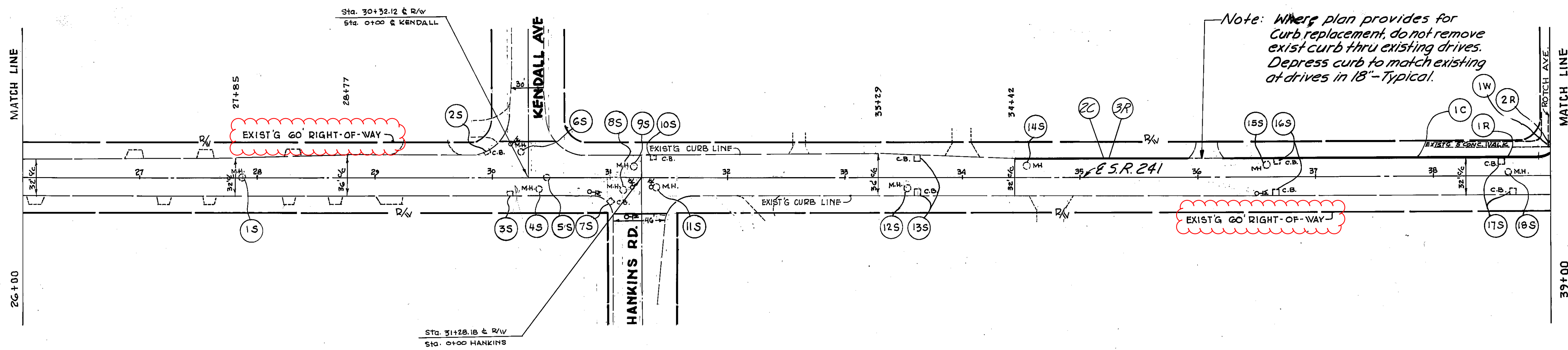
STA-172-(6.07) (6.86)
STA-241- 8.83

SEWERS					
604					
ITEM	STATION		MANHOLE ADJ'D TO GRADE EACH	C. BASIN ADJ'D TO GRADE EACH	C. BASIN RECONSTR. TO GRADE EACH
	FROM	TO			
1S	27+88	E	1		
2S	29+96	L		1	
3S	30+15	R		1	
4S	30+39	R	1		
5S	30+46	E	1		
6S	30+25	L	1		
7S	30+99				1
8S	31+10	R	1		
9S	31+19	L	1		
10S	31+36	L		1	
11S	31+39	R	1		
12S	33+53	R	1		
13S	33+62	R		2	
14S	34+58	L	1		
15S	36+58	L	1		
16S	36+67	R		2	
17S	38+58	L		2	
18S	38+64	L	1		
TOTALS			11	9	1

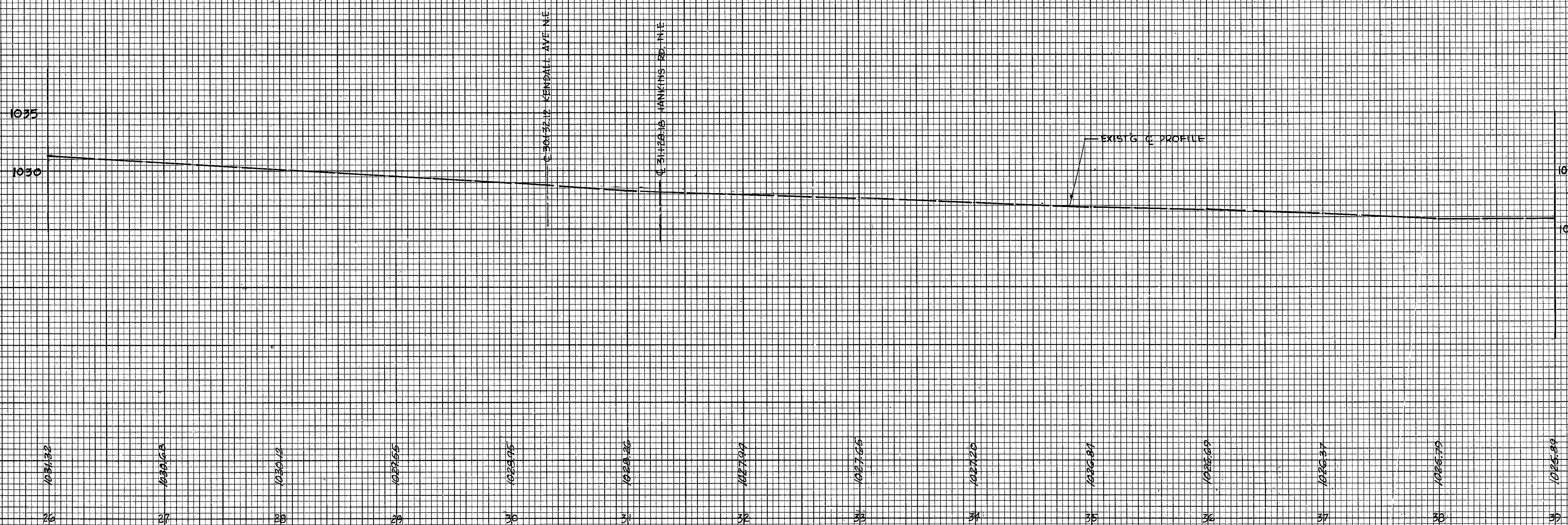
REMOVALS				
ITEMS	STATION		SIDE	202 CURB REMOVED LIN. FT.
	FROM	TO		
1R	36+24	39+00	LT	276
2R	38+38	39+00	LT	10
3R	38+42	38+72	LT	150
TOTALS				426

ESTIMATED QUANTITIES				
ITEMS	STATION		SIDE	202 CURB REMOVED LIN. FT.
	FROM	TO		
1C	36+24	39+00	LT	276
1W	38+38	39+00	LT	10
2C	38+42	38+72	LT	150
TOTALS				426

* Modified as per plan.



WALES ROAD N. E. (S. R. 241)

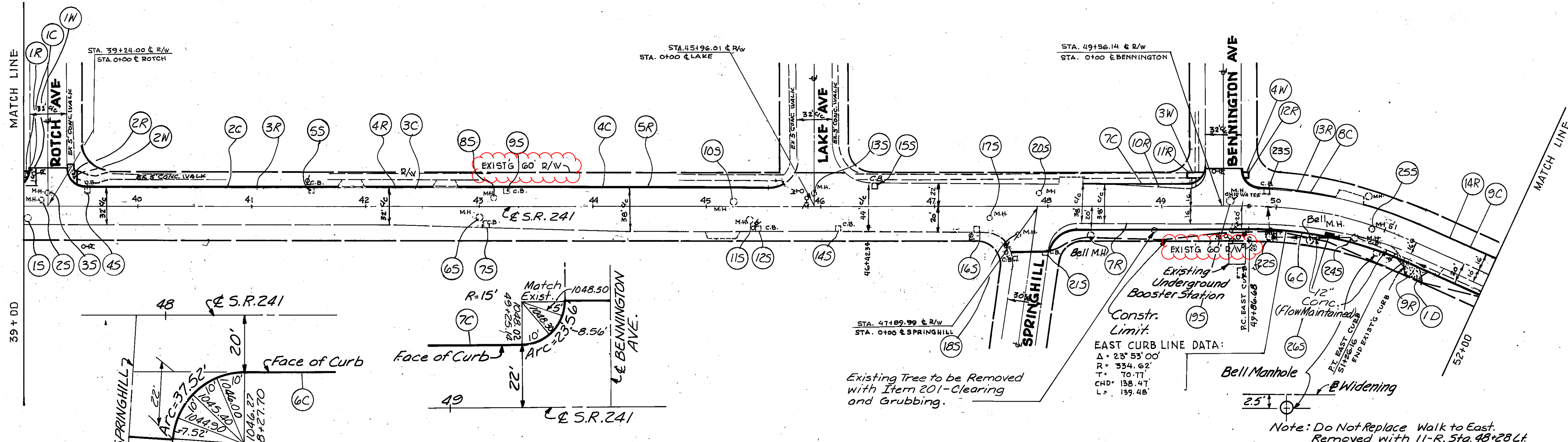


Calc. By: B.E.K. 10/22/84
Chd. By: G.E.T. 10/23/84

STA-172-(6.07) (6.86)
STA-241- 8.83

SEWERS-TABLE 1		604			
ITEM	STATION	MANHOLE	C-BASIN	C.B. REC.	C.B. REC.
	FROM TO	ADJ. TO GRADE	ADJ. TO GRADE	ADJ. TO GRADE	ADJ. TO GRADE
15	39+05	RT	1		
25	39+18	LT	1		
35	39+23	LT	1		
45	39+58	LT	1		
55	41+54	LT	1		
65	42+96	RT	1		
75	43+06	RT	1		
85	43+12	LT	1		
95	43+24	LT	1		
105	45+24	LT	1		
115	45+38	RT	1		
125	45+46	RT	1		
135	45+55	LT	1		
145	46+15	RT	1		
155	46+47	LT	1		
165	47+40	RT	1		
175	47+48	LT	1		
185	47+74	RT	1		
195	49+60	LT	1		
205	47+93	LT	1		
215	47+97	RT	1		
225	49+94	RT	1		
235	49+92	LT	1		
255	50+89	RT	1		
TOTAL			14	9	

For Drainage Details, See Sheet No. 1065
For Typical Drive Detail, See Sheet No. 1060



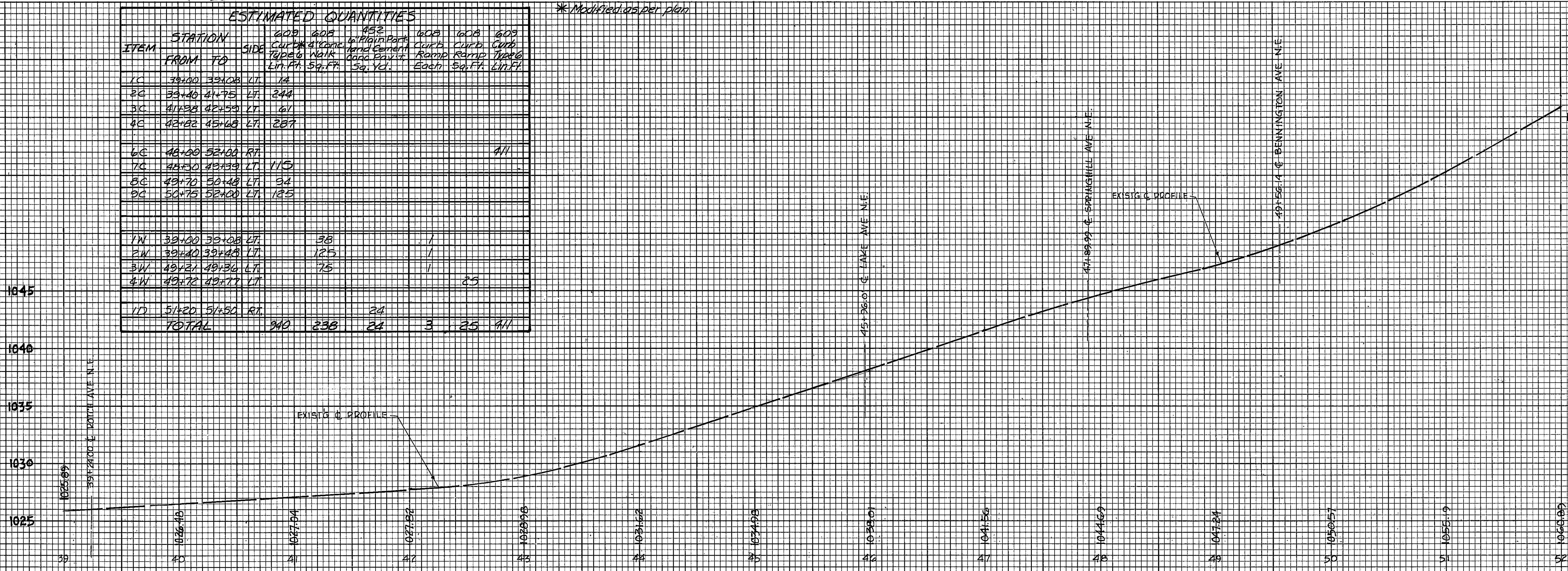
INTERSECTION DETAIL
1"=20'

Wales Road

ESTIMATED QUANTITIES		* Modified 10/25/85 per plan			
ITEM	STATION	100B	100B	100B	100B
	FROM TO	TYPE	TYPE	TYPE	TYPE
1C	39+00 39+08	LT	12		
2C	39+10 41+75	LT	244		
3C	41+23 42+50	LT	61		
4C	42+02 45+48	LT	287		
6C	48+00 52+00	RT		411	
7C	48+50 49+39	LT	115		
8C	49+70 50+48	LT	34		
9C	50+75 52+00	LT	125		
1W	39+00 39+08	LT	38		
2W	39+10 39+48	LT	125		
3W	49+21 49+36	LT	75		
4W	49+72 49+77	LT		25	
1D	51+20 51+50	RT	24		
TOTAL		940	236	24	3 25 411

REMOVALS		1065			
ITEM	STATION	SIDE	CLUB	WALK	WALK
	FROM TO		REM.	REM.	REM.
1R	39+00 39+08	LT	4	38	
2R	39+10 39+48	LT		125	
3R	39+10 41+75	LT	244		
4R	41+23 42+50	LT	61		
5R	42+02 45+48	LT	287		
7R	48+00 51+20	RT	133		
10R	48+30 49+39	LT	115		
11R	49+21 49+36	LT		25	
12R	49+72 49+77	LT			
13R	49+70 50+48	LT	34		
14R	50+75 52+00	LT	125		
TOTAL			1282	303	

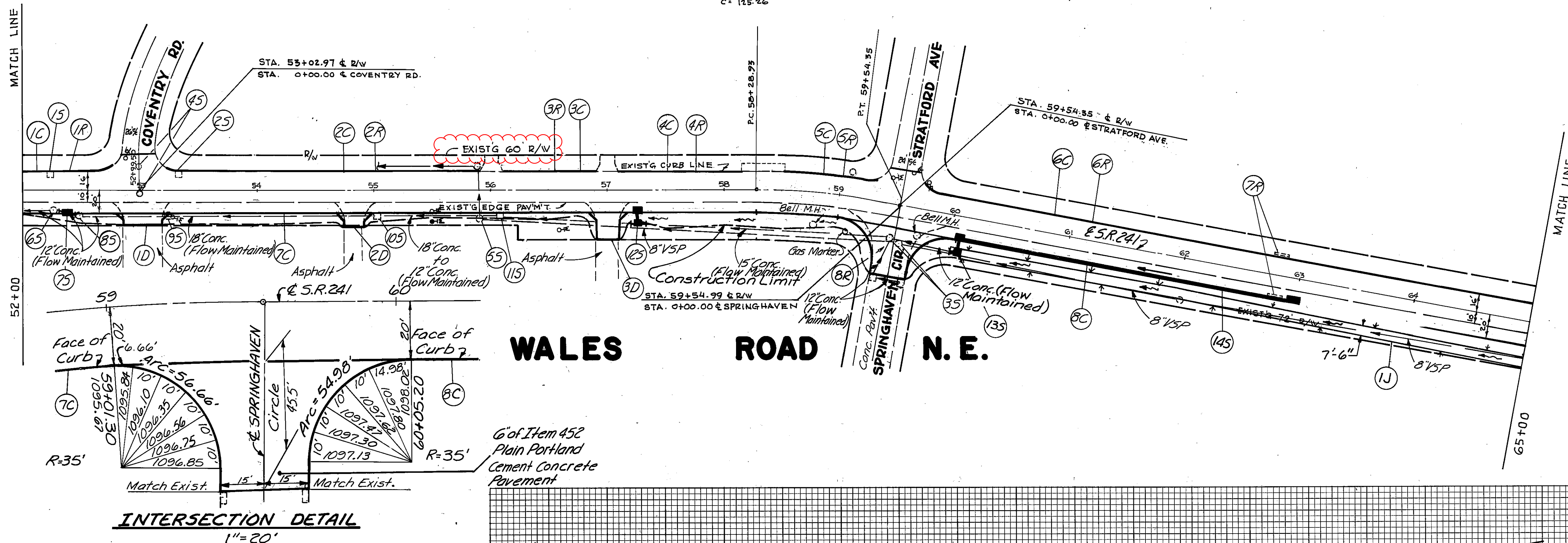
SEWERS-TABLE 2		603 604 202			
ITEM	STATION	CONDUIT	CATCH	CATCH	CATCH
	FROM TO	TYPE	TYPE	TYPE	TYPE
245	50+76	RT	10	1	
265	50+50	RT	10	1	
TOTAL			10	1	1



Calc. By: B.E.K. 10/22/84
Chd. By: Get. 10/25/84

STA-172-(6.07) (6.86)
STA-241- 8.83

4 CURVE DATA: P.I. STA. 58+91.80
Δ = 10°02'
R = 716.20'
T = 62.87'
L = 125.42'
C = 125.26'



REMOVALS		202		
ITEMS	SIDE	STATION	Curb Removed Lin.Ft.	Structures Removed LUMP
1R	L	52+00 52+80	80	
2R	L	53+22 55+91	269	
3R	L	56+11 56+91	80	
4R	L	57+10 58+15	105	
5R	L	58+51 59+28	77	
6R	L	59+23 65+00	527	
7R	R	62+81		LUMP
8R	R	59+09 59+93		
TOTAL			1138	LUMP 243

For Drive Details, See Sheet No. 26
For Storm Sewer Details, See Sheet No. 27

ESTIMATED QUANTITIES									
ITEMS	SIDE	STATION	603	604	301	609	SEWERS	604	202
1C	L	52+00 52+80	80				15 L 52+24		
2C	L	53+22 55+91	269				25 L 53+34		
3C	L	56+11 56+91	80				35 R 59+12 59+38		
4C	L	57+10 58+15	105				45 L 53+00		
5C	L	58+51 59+28	77				55 R 53+91		
6C	L	59+23 65+00	527				65 R 52+23		
7C	R	52+00 59+93				776	75 R 52+35		
8C	R	59+09 59+93				568	85 R 52+48		
1-D	R	53+03		11	5.5		95 R 53+24		
2-D	R	54+82		0.60	3.1		105 R 55+02		
3-D	R	52+00		15	27		115 R 56+08		
TOTAL			1138	3.2	16.3	1344	125 R 57+25		
							135 R 60+07		
							145 R 60+07 63+00		
							155 R 60+08 65+00		
							TOTAL	6	1

Calc. By: B.E.K. 10/22/84
Chd. By: G.E.T. 10/23/84

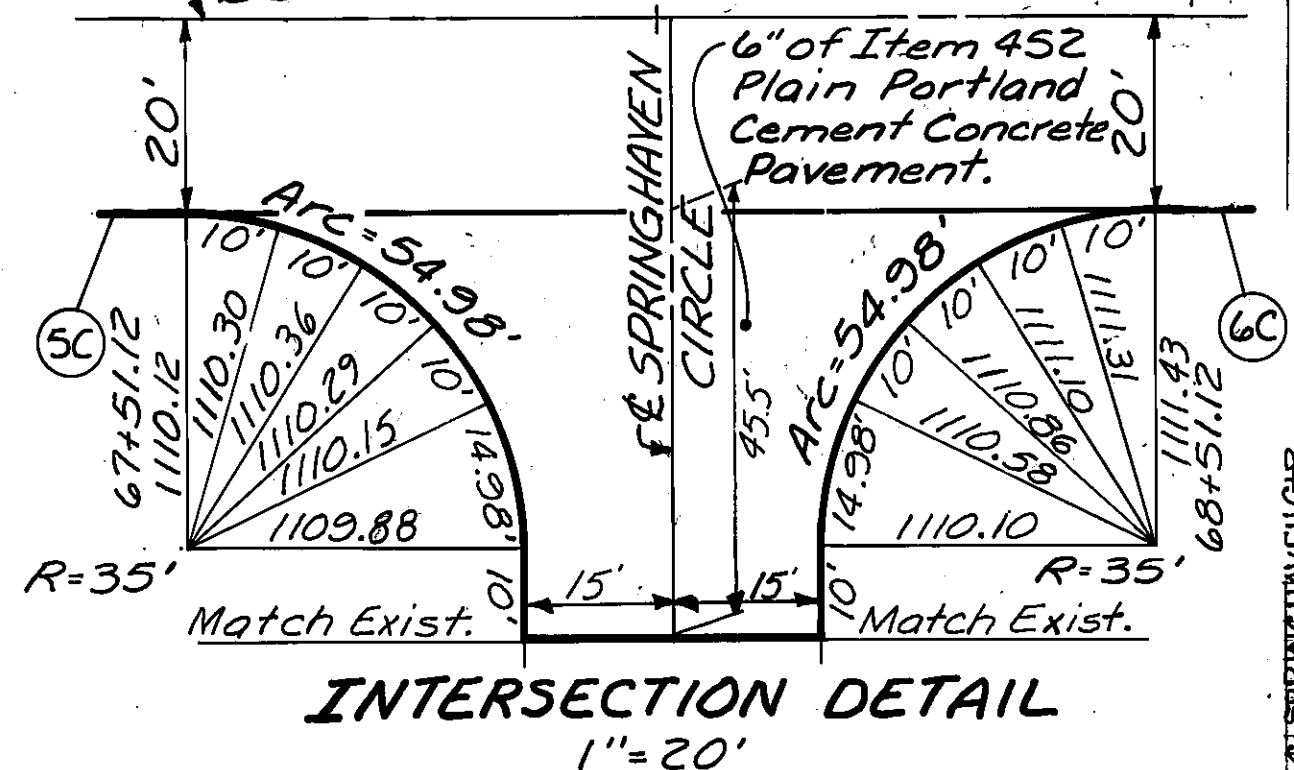
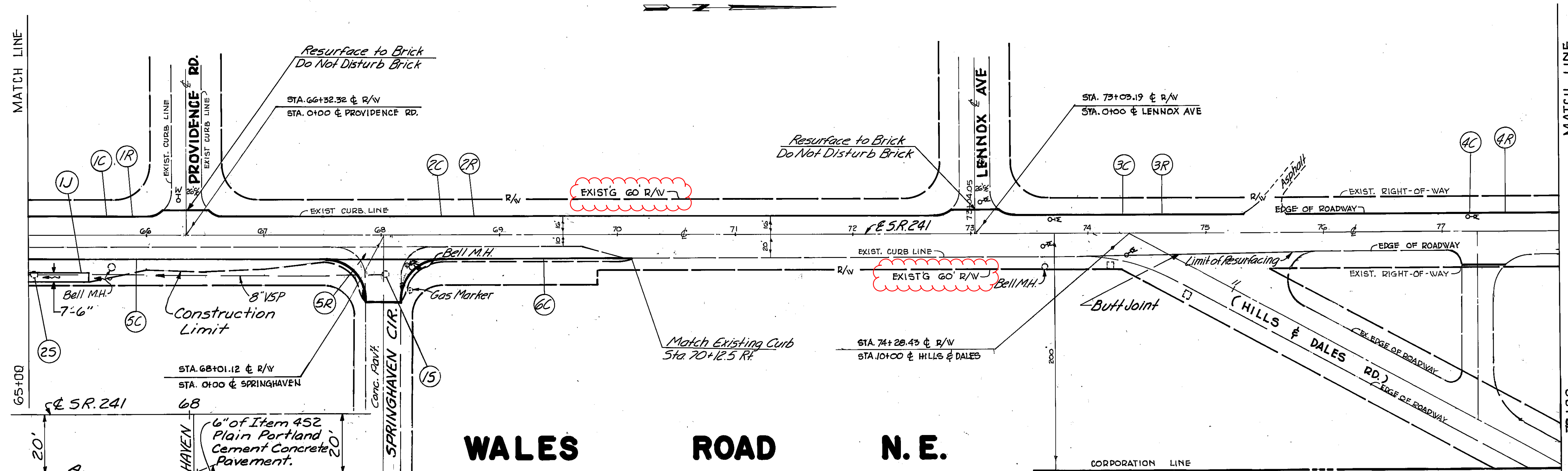
STA-172-(6.07) (6.86)

STA-241-8.83

21
35

FINAL
SURVEY
NOTE BOOK
NO.

ORIGINAL
SURVEY
NOTE BOOK
NO.

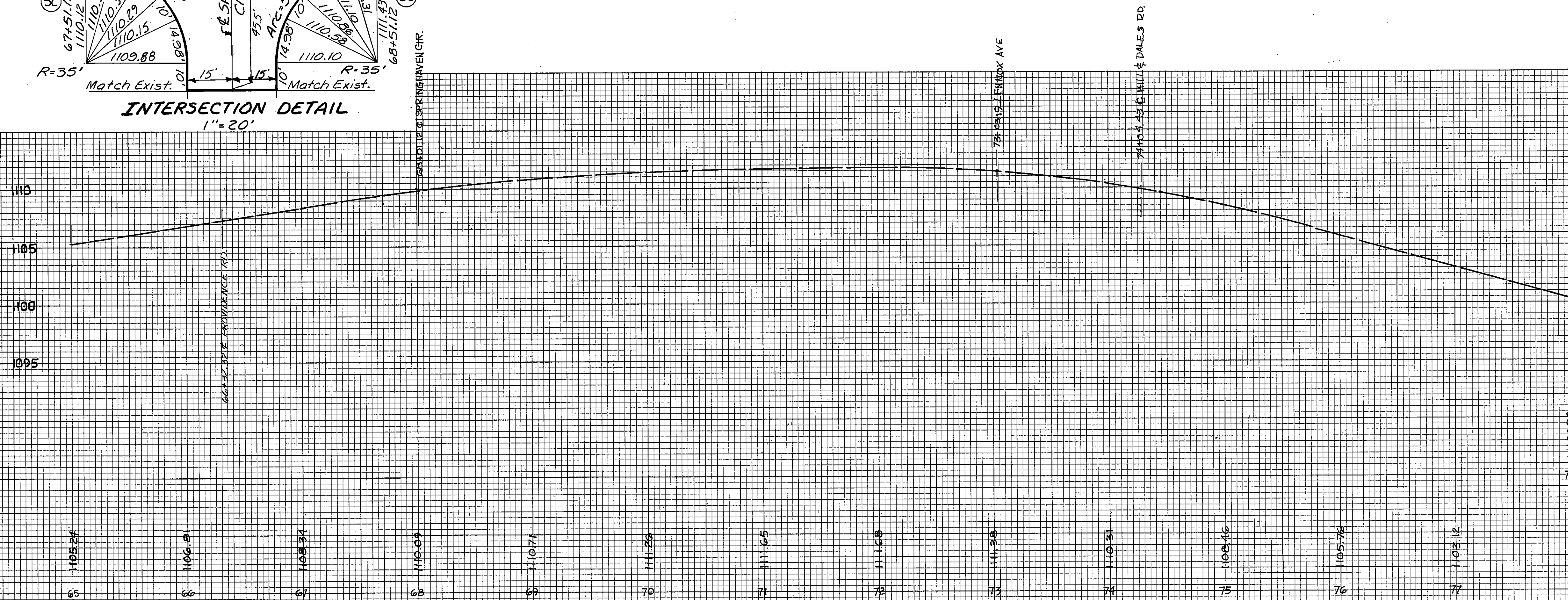


*Modified as per plan

ESTIMATED QUANTITIES			609	609
ITEMS	SIDE	STATION	Curb Std. Type 6 Lin. Ft.	Curb Std. Type 6 Lin. Ft.
1C	L	65+00 66+14	114	
2C	L	66+53 72+84	631	
3C	L	73+23 75+31	208	
4C	L	75+63 78+00	237	
5C	R	65+00 67+86		316
6C	R	68+17 70+12.5		226
TOTAL			1190	542

REMOVALS			202	202
ITEMS	SIDE	STATION	Curb Removed Lin. Ft.	Pav't. Removed Sq. Yd.
1R	L	65+00 66+14	114	
2R	L	66+53 72+84	631	
3R	L	73+23 75+31	208	
4R	L	75+63 78+00	237	
5R	R			178
TOTAL			1190	178

SEWERS			604	670
ITEMS	SIDE	STATION	M.H. Adjusted to Grade Each	DITCH EROSION PROTECTION Sq. Yds.
15	R	68+03	1	
17	R	65+00 65+50		42
25	R	65+05	1	
TOTAL			2	42



Calc. By: B.E.K. 10/22/84
 Chd. By: G.E.T. 10/23/84

STA-172-(6.07) (6.86)
 STA-241- 8.83

ITEMS		REMOVALS		202	
		STATION		Curb	GuardRail
		FROM	TO	Removed	Removed
1R	L	78+00	78+10	10	
2R	L	78+20	80+70		250
TOTAL				10	250

ITEMS		SEWERS		604		
		STATION		M.H. Adjusted	C.B. Adjusted	C.B. Reconstructed
		FROM	TO	To Grade Each	To Grade Each	To Grade Each
15	L	80+98				1
25	L	81+14		1		
35	R	81+10		1		
45	L	81+33			1	
TOTAL				2	1	1

* Modified as per plan

ITEMS		ESTIMATED QUANTITIES		609	
		STATION		Curb*	Standard
		FROM	TO	Type 6	Type 6
1C	L	78+00	78+10	10	
TOTAL				10	

