

Location Plan
Scale 1"=500'

 City of Rochester
Department of Engineering and Maintenance

DOWNTOWN CIRCULATION PLAN ANDREWS STREET IMPROVEMENT PROJECT

PHASE 1


FROM STATE STREET TO FRANKLIN STREET Including Rehabilitation Of The Andrews Street Bridge

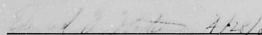
PROJECT LENGTH .36 Mile

Project Code 80406
RECORD DRAWINGS

Erdman, Anthony, Associates, p.c.
Consulting Engineers and Planners
242 ANDREWS ST. ROCHESTER, N.Y. 14604

SEAR · BROWN
ASSOCIATES, P.C.
engineers architects surveyors
landscape architects
85 METZ PARK, ROCHESTER, N.Y. 14622

 City of Rochester
Approved By:


EDWARD F. WATSON P.E. date
City Engineer

DEPARTMENT OF ENGINEERING
AND MAINTENANCE



NYS P.E. Lic. No.
39868
Date
2/20/80



NYS P.E. Lic. No.
049995
Date
2/20/80

3601-045-27000-406-21-F

L E G E N D

E X I S T I N G

- | | |
|--|---|
| <ul style="list-style-type: none"> ① ELECTRIC MANHOLE ② TELEPHONE MANHOLE ③ STEAM MANHOLE ④ WESTERN UNION MANHOLE ⑤ UNKNOWN MANHOLE ⑥ STORM SEWER MANHOLE ⑦ SANITARY SEWER MANHOLE ⑧ COMBINED SEWER MANHOLE ⑨ MANHOLE WITH INSIDE EXTRIMITIES —E— ELECTRIC LINE —T— TELEPHONE LINE —S— STEAM LINE —WU— WESTERN UNION LINE —W— WATER LINE —G— GAS LINE —SS— STORM SEWER LINE —SS— SANITARY SEWER LINE —CS— COMBINED SEWER LINE ○^W WATER VALVE ○^{CC} WATER CURB COCK ○^V GAS VALVE ● ABANDONED VALVE ⊠ HYDRANT ⊠ TELEPHONE BOOTH ⊠ UTILITY POLE ⊠ LIGHT POLE ⊠ PEDESTRIAN SIGNAL ⊠ TRAFFIC CONTROL BOX | <ul style="list-style-type: none"> □ HANDHOLE ○ FIRE BOX ⊠ WATER HOOK-UP AT BUILDING ⊠ DROP INLET ⊠ CURB INLET ● PARKING METER ⊠ MAILBOX ⊠ SIGN ⊠ CHAIN LINK FENCE ⊠ R.G.B.E. TRANSFORMER VAULT ⊠ AREAWAYS UNDER SIDEWALK AND/OR STREET ⊠ SIDEWALK ELEVATOR ⊠ DOOR ⊠ STAIRS OR STEPS ○ TREE ⊠ PLANTER RCW₁ STREET RIGHT OF WAY —P— PROPERTY LINE ⊠ SURVEY BASELINE —S— SIDEWALK & DRIVEWAYS —E— EDGE OF PAVEMENT ⊠ SHRUBS ⊠^{RCS} SURVEY MONUMENT |
|--|---|

P R O P O S E D

- ⊠ PROPOSED ROADWAY CENTERLINE
- ⊠ CENTERLINE CONSTRUCTION POINT
- ⊠ CENTERLINE POINT OF INTERSECTION
- ⊠^{B+2} BORING LOCATION
- NEW OR RELOCATED CURB
- ⊠ SIDEWALK RAMP, ⊠ NEW CONCRETE SIDEWALK
- ⊠ CURB DEPRESSION
- ⊠ BRICK PAVING
- BENCH
- ⊠ NEW TREE
- PROPOSED FEE TAKING
- ⊠^{DR} DRAINAGE STRUCTURE NUMBER
- DOMESTIC WATERMAIN
- HOLLY WATERMAIN
- ⊠^{WV} WATER VALVE
- ⊠ WATERMAIN TEE
- ⊠^{W.S.B.} WATER SERVICE BOX
- ⊠ WATER SERVICE FROM NEW WATERMAIN
- ⊠ WATER SERVICE FROM EXISTING WATERMAIN
- WATERMAIN REDUCER
- COMBINED SEWER
- ⊠ COMBINED SEWER MANHOLE
- LATERAL
- ⊠ JUNCTION CHAMBER
- DROP INLET TYPE A
- DROP INLET TYPE B
- ⊠ DROP INLET WITH CONNECTION TO EXISTING LATERAL (TYPE A OR B)
- NEW WATERLINE
- ⊠ NEW OR RELOCATED FIRE HYDRANT
- ▲ NEW PARKING METER
- ⊠ NEW STONE MONUMENT

RECORD DRAWINGS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	DRAWING NO.
1	COVER SHEET	
2	LEGEND, INDEX & SURVEY DATA	G-1
3-5	LOCATION PLAN, INDICES	LP-1 TO LP-3
6	SUMMARY OF QUANTITIES	SQ-1
7	MAINTENANCE OF TRAFFIC PLANS	MT-1
8	TYPICAL SECTIONS	T-1
9,10	CONSTRUCTION TABLES	CT-1, CT-2
11-18	CONSTRUCTION DETAILS	CD-1 TO CD-8
19	LANDSCAPING DETAILS	LD-1
20-22	PLANS & PROFILES	PA-1, PA-2
23-29	UTILITY PLANS	UP-1 TO UP-7
30-33	UTILITY PROFILES	UP-1 TO UP-3
34-37	SIGNAL, STRIPING & SIGNING PLAN	SP-1 TO SP-4
38-39	SIGNAL DETAILS	SD-1, SD-2
40	SIGN TEXT DATA SHEET	SD-3
41-43	ANDREWS STREET BRIDGE	SB-1 TO SB-3
44-49	AREAWAY PLANS	SA-1 TO SA-6

SURVEY INFORMATION

Vertical

U.S.C. & G.S. "North", Elev 533.701. At the northeast corner of Main Street - North Street intersection.

B.M. 6, Elev 502.393. A chiseled "X" in the bolt on a hydrant at the southwest corner of Main Street - Exchange Street intersection.

Elevations referenced to R.C.S. datum

Horizontal

The horizontal controls are: 3/16" drill hole in the sidewalk in the southeast corner of State Street - Andrews Street intersection, 3/16" drill hole in sidewalk on south side of Andrews Street sidewalk between State Street and Front Street, 3/16" drill hole in sidewalk 100' east of Crossroads parking garage entrance, R.C.S. monument on southeast corner of St. Paul Street - Andrews Street intersection, P.K. nail in the sidewalk on the southwest corner of Franklin Street - Andrews Street intersection. See drawings number P-1 to P-5 for baseline ties and stationing.

**ERDMAN
ANDHONY
ASSOCIATES**

CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.



NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.

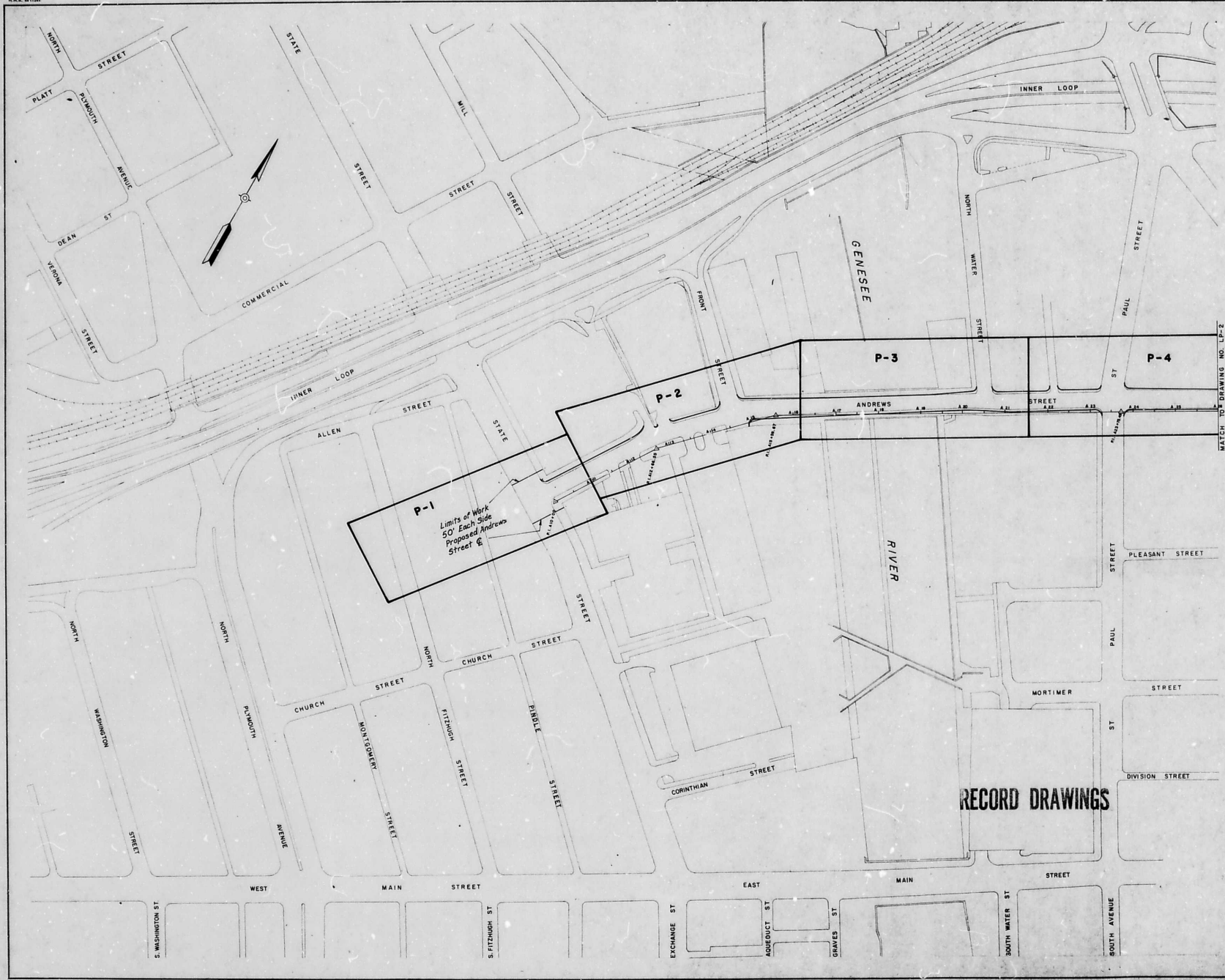
3601-046-70000-406-21-I

PROJECT NAME
**DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.**



CLIENT
**CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE**

DRAWING TITLE
**INDEX, LEGEND &
SURVEY DATA**

SCALE:	DES BY: SEM	DRAWING NO:	G-1
NONE	DR BY: SEF	SHEET NO.:	2 of 48
DATE ISSUED:	CHK BY: SEM		
APRIL, 1980	DATE: 3/6/80		




**ERDMAN
ANTHONY
ASSOCIATES**
 CONSULTING ENGINEERS & PLANNERS
 ROCHESTER, N.Y. CAMP HILL, PA.

DATE DATE

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STATE EDUCATION LAW ARTICLE 145, SECTION
7209.

REVISIONS				
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RECORD DRAWINGS

3601-047-20000-406-21-I


PROJECT NAME:
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.



CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE:
LOCATION PLAN INDEX

SCALE: 1" = 100'	DES BY: <i>DEM</i>	DRAWING NO. LP-1
DATE ISSUED: APRIL, 1980	CHK BY: <i>JAD</i>	SHEET NO. 3 OF 48
	DATE: <i>5-6-80</i>	




**ERDMAN
ANTHONY
ASSOCIATES**
 CONSULTING ENGINEERS & PLANNERS
 ROCHESTER, N.Y. CAMP HILL, PA.

DATE _____ DATE _____

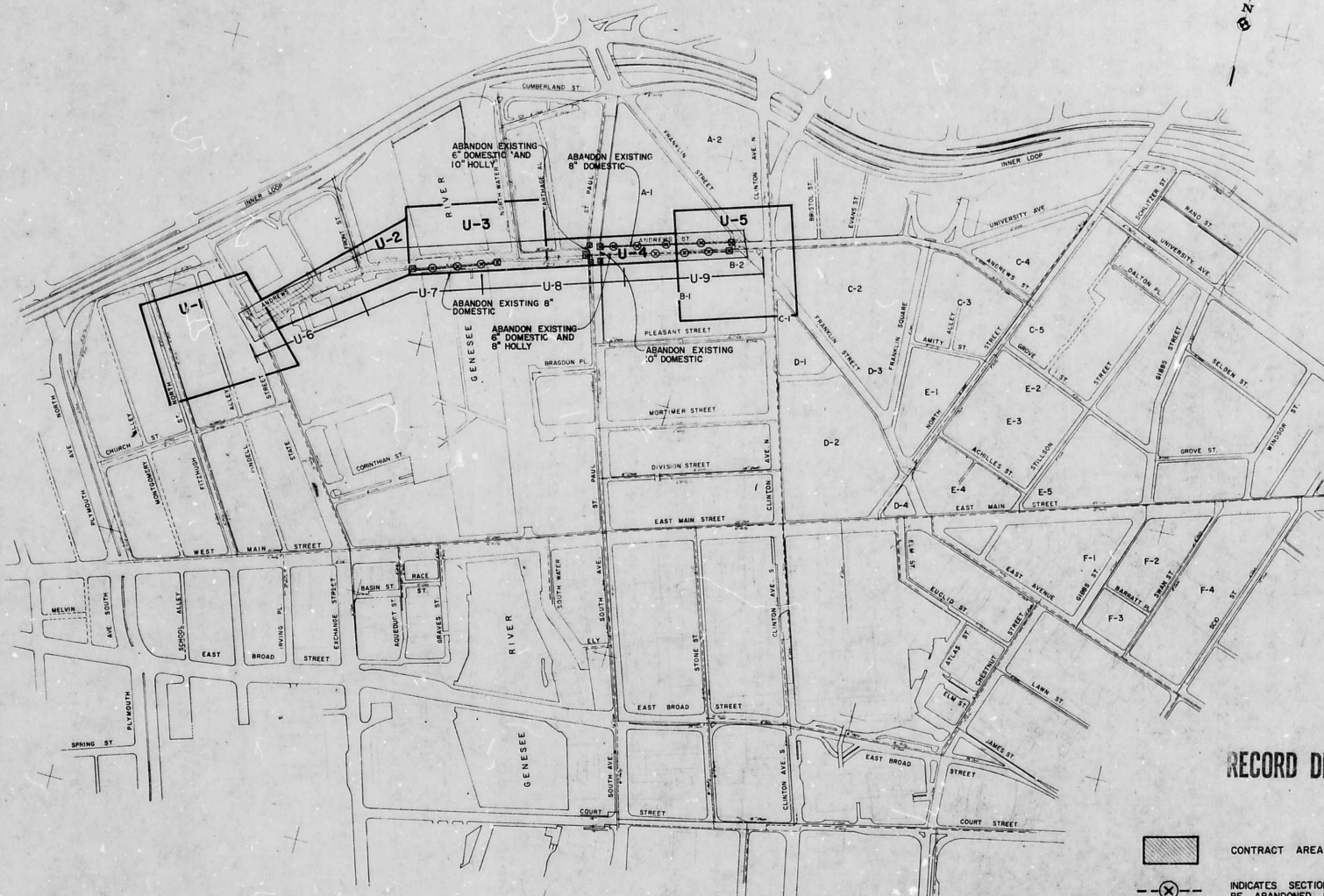
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 STATE EDUCATION LAW ARTICLE 145, SECTION
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


RECORD DRAWINGS

3601-048-2000-406-21- I
PROJECT NAME:
 DOWNTOWN STREET PLAN
 ANDREWS STREET
 STATE ST. TO FRANKLIN ST.
CLIENT:
 CITY OF ROCHESTER
 DEPARTMENT OF ENGINEERING
 AND MAINTENANCE
DRAWING TITLE:
 LOCATION PLAN INDEX

SCALE: 1" = 100'	DES. BY: DEM	DRAWING NO. LP-2
DATE ISSUED: APRIL, 1980	CHK BY: JAP	SHEET NO. 4 OF 48
	DATE: 5-6-80	



RECORD DRAWINGS

-  CONTRACT AREA
-  INDICATES SECTIONS OF LINES THAT TO BE ABANDONED UNDER THIS CONTRACT
-  INDICATES SECTIONS OF LINES WHICH HAVE BEEN ABANDONED
-  INDICATES THE APPROXIMATE BEGINNING AND END OF LINES TO BE ABANDONED

3601-049-14700-40621-1

PROPOSED: 11/15/2000
 THE CITY OF ROCHESTER, NEW YORK, HAS BEEN ADVISED BY THE STATE OF NEW YORK THAT THE CITY OF ROCHESTER IS IN VIOLATION OF SECTION 249 OF THE STATE REAL PROPERTY LAW. THE CITY OF ROCHESTER IS REQUIRED TO FILE A RECORDING PLAN WITHIN 90 DAYS OF THE DATE OF THIS NOTICE. THE CITY OF ROCHESTER IS ADVISED THAT IF IT FAILS TO FILE A RECORDING PLAN WITHIN THE SPECIFIED TIME PERIOD, THE STATE OF NEW YORK WILL FILE A RECORDING PLAN ON BEHALF OF THE CITY OF ROCHESTER. THE CITY OF ROCHESTER IS ADVISED THAT THE STATE OF NEW YORK WILL BE RESPONSIBLE FOR THE COSTS OF SUCH A RECORDING PLAN.

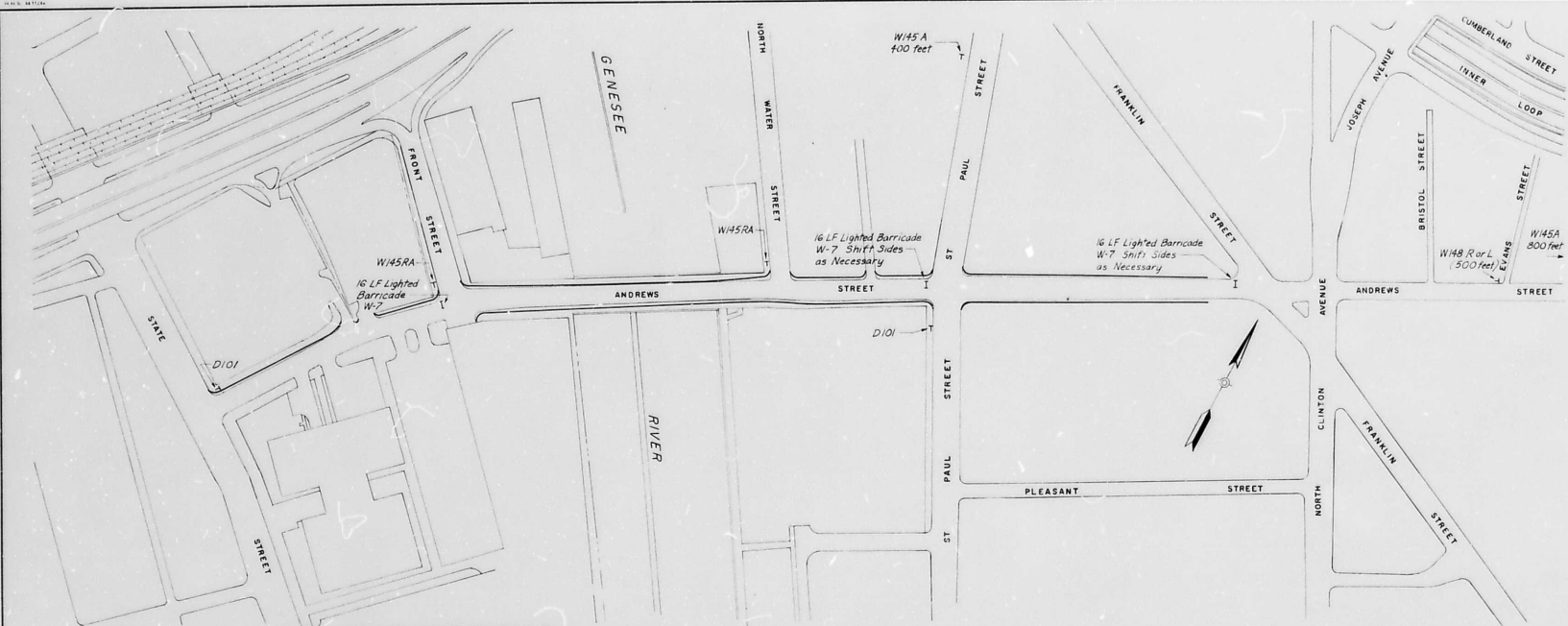
NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		

PROJECT NUMBER: G.K.G.
 DRAWN BY: R.G.Y.
 DATE: AUGUST, 1979
 SCALE: 1" = 200'
 SHEET NO. 41/41

SEAR · BROWN
 ASSOCIATES, P.C.

PLAN OF RECORDING DOWNTOWN STREET PLAN
 ANDREWS ST. - STATE ST. TO FRANKLIN ST.
 CITY OF ROCHESTER, MONROE COUNTY, N.Y.
 CITY OF ROCHESTER

2250.10-25
 LP-3
 SHEET 5 OF 48



CONSTRUCTION SCHEDULE

ST. PAUL ST. TO FRANKLIN ST.	1980												1981											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
WORK ITEMS																								
INSTALL NEW HOLLY WATERLINE - NORTH SIDE. INSTALL NEW HOLLY AND DOMESTIC WATERLINES IN ST. PAUL STREET INTERSECTION.																								
REMOVE EXISTING HOLLY WATERLINE AND INSTALL NEW DOMESTIC WATER MAIN - SOUTH SIDE.																								
INSTALL NEW GAS LINE - SOUTH SIDE (By Others)																								
MAINTAIN TEMPORARY PAVEMENTS																								
INSTALL NEW ELECTRIC SYSTEM - NORTH SIDE (By Others)																								
CONSTRUCT NEW PAVEMENT SECTION: SOUTH SIDE, NORTH SIDE																								
CONSTRUCT ROADSIDE FEATURES: SIDEWALKS, DRIVEWAYS, LANDSCAPING, SIGNALS, ETC.																								
COORDINATE WITH PRIVATE UTILITIES																								
DRAINAGE IMPROVEMENTS																								
MAINTENANCE OF TRAFFIC																								
MAINTAIN ONE WAY WB TRAFFIC ON ANDREWS ST. AND ONE WAY SB TRAFFIC ON ST. PAUL ST. WITH LANE REDUCTIONS AS NECESSARY.																								
MAINTAIN PEDESTRIAN TRAFFIC AND VEHICULAR ACCESS TO BUSINESSES AND RESIDENCES.																								
STATE ST. TO ST. PAUL ST.																								
WORK ITEMS																								
WIDENING, MILLING AND RESURFACING AND RELATED DRAINAGE IMPROVEMENTS																								
BRIDGE WORK																								
CONSTRUCT ROADSIDE FEATURES: SIDEWALKS, DRIVEWAYS, LANDSCAPING, SIGNALS, ETC.																								
COORDINATE WITH PRIVATE UTILITIES, ELECTRIC - NORTH SIDE OF ROAD, TELEPHONE - SOUTH SIDE EAST OF N. WATER STREET.																								
MAINTENANCE OF TRAFFIC																								
MAINTAIN ONE WAY WB TRAFFIC WITH LANE REDUCTIONS AS NECESSARY.																								
MAINTAIN PEDESTRIAN TRAFFIC AND VEHICULAR ACCESS TO BUSINESSES AND RESIDENCES.																								

NOTES:
1. PROJECT LENGTH = 0.36 MILE

CONSTRUCTION SIGN INDEX

W 7	→
W145A	ROAD WORK XXXX FT.
W145RA	ROAD WORK AHEAD
W148R or L	RIGHT (LEFT) LANE CLOSED XXXX FT.
D101	END CONSTRUCTION

NOTE:
FOR SIZE AND SHAPE OF SIGNS SEE LATEST EDITION OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

EA
ERDMAN
ANTHONY
ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

DATE _____ DATE _____

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REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.

3601-051-70000-406-21-D
PROJECT NAME:

DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
CITY.

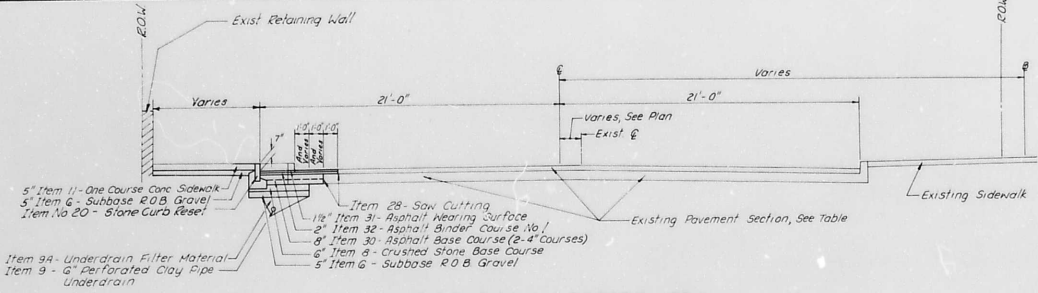
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE:

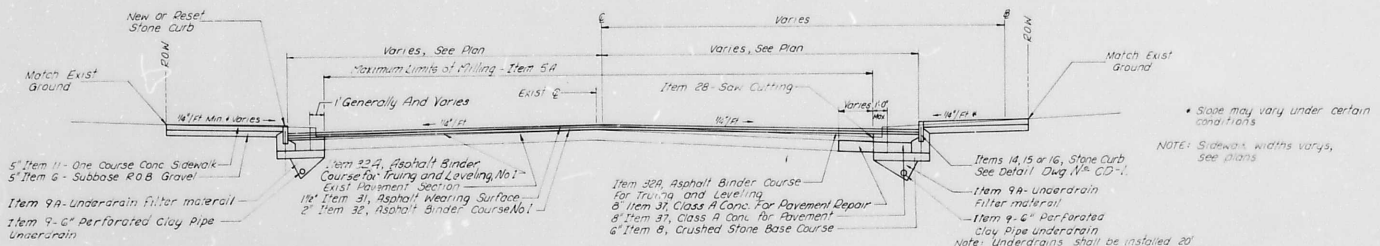
MAINTENANCE OF TRAFFIC

SCALE 1" = 100'	DES. BY P.E.M.	DRAWING NO. MT-1
DATE ISSUED APRIL, 1980	DR. BY J.A.S.	SHEET NO. 7 OF 48
	CHKD. BY M.S.	
	DATE 5.6.80	

RECORD DRAWINGS

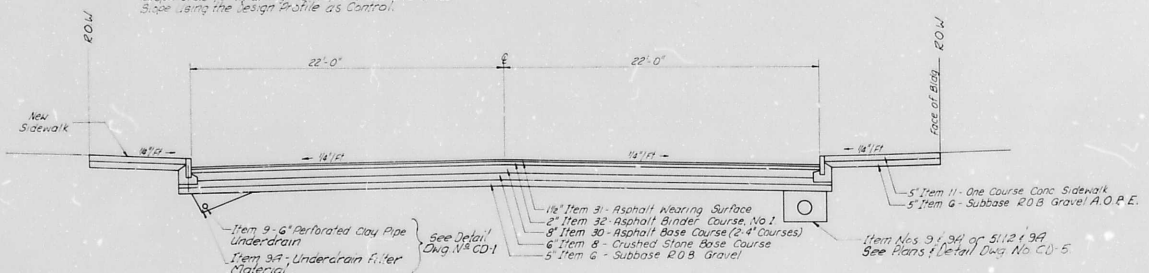


TYPICAL SECTION N° 1
ANDREWS STREET - TEMPORARY WIDENING
 AN 109+87 TO AN 114+30
 SCALE: 1/4" = 1'-0"



TYPICAL SECTION N° 2
ANDREWS STREET - WIDENING, MILLING, RESURFACING
 AN 114+30 TO AN 116+71
 AN 119+65 TO AN 123+4
 SCALE: 1/4" = 1'-0"

Scope of Work - Milling Of Existing Pavement Surfaces
 Milling of Existing Pavement Surface shall be to sufficient depth and slope such that 2" of binder, 1 1/2" of asphalt and 1 1/2" of wearing course asphalt can be placed bringing original pavement surface to proper grade and cross slope. The control for grade shall be the Design Theoretical Grade Line as shown on the plan view. Cross slopes are defined on the same profiles or on separate intersection contour drawings. Payment for this item shall be by the square yard. For any section of pavement milled within the station limits line defined, cross sections drawn every 50' are available for the contractor's review. They indicate milling depths from 2" to 4 1/4" in 1/4" increments. Milling depth of 3"0" these values are best intermediate only. Field conditions may vary. The contractor is responsible for maintaining the proper grade and cross slope using the design profile as control.

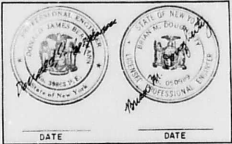


TYPICAL SECTION N° 3
ANDREWS STREET - WIDENING AND RECONSTRUCTION
 AN 123+14 TO AN 128+75
 SCALE: 1/4" = 1'-0"

RECORD DRAWINGS

STREET NAME	STATION LIMITS	STRUCTURE
Andrews St	AN 110+00 - AN 123+50	5" Asphalt surface, 8" concrete base, sand subbase
Andrews St	AN 123+50 - AN 128+75	4" asphalt surface, 8" concrete base, sand subbase

EA ERDMAN ANTHONY ASSOCIATES
 CONSULTING ENGINEERS & PLANNERS
 ROCHESTER, N.Y. CAMP HILL, PA.



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REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.

3401-052-2000-406-21-D
 PROJECT NAME:
 DOWNTOWN STREET PLAN
 ANDREWS STREET
 STATE ST. TO FRANKLIN ST.
 CLIENT:
 CITY OF ROCHESTER
 DEPARTMENT OF ENGINEERING
 AND MAINTENANCE
 DRAWING TITLE

TYPICAL SECTIONS

SCALE:	DES BY: P.E. R.	DRAWING NO:
AS SHOWN	DR BY: P.E. R.	T-1
DATE ISSUED:	CHK BY: P.E. R.	SHEET NO.
APRIL, 1980	DATE: 5-6-80	8 OF 48

DRAINAGE STRUCTURES TABLE

DR NO.	STATION	DESCRIPTION
1	AN10497, 20' Lt.	Build new Type B Receiving Basin with new 8" V.C.P. lateral 7' long to existing Receiving Basin lateral.
2	AN10497, 17' Lt.	Remove existing Catch Basin.
3	AN112409, 17' Lt.	Remove existing Catch Basin.
4	AN112409, 20' Lt.	Build new Type B Receiving Basin with new 8" V.C.P. lateral 7' long to existing Receiving Basin lateral.
5	AN114432, 20' Lt.	Build new Type B Receiving Basin with new 8" V.C.P. lateral 8' long to existing Receiving Basin lateral.
6	AN114433, 15' Lt.	Remove existing Receiving Basin.
7	FT 0+34, 16' Lt.	Adjust existing Receiving Basin to new grade.
8	FS 0+25, 16' Rt.	Adjust existing Receiving Basin to new grade.
9	AN114497, 19' Lt.	Remove existing Receiving Basin.
10	AN114497, 21' Lt.	Build new Type B Receiving Basin with new 8" V.C.P. lateral 6' long to existing Receiving Basin lateral.
11	AN115405, 20' Rt.	Remove existing Receiving Basin.
12	AN115406, 21' Rt.	Build new Type B Receiving Basin with new 8" V.C.P. lateral 8' long to existing Receiving Basin lateral.
13	AN119480, 21' Lt.	Build new Type B Receiving Basin with new 12" V.C.P. lateral 24' long including 1-45° bend, to existing R.C.P. Storm Sewer.
14	AN119482, 21' Rt.	Build new Type B Receiving Basin with new 12" V.C.P. lateral 21' long including 21' R.C.P. Storm Sewer.
15	AN120481, 20' Lt.	Remove existing Receiving Basin. Build new Type B Receiving Basin with new 8" V.C.P. lateral 5' long to existing Receiving Basin lateral.
16	AN120483, 18' Rt.	Remove existing Receiving Basin
17	AN120483, 21' Rt.	Build new Type B Receiving Basin with new 8" V.C.P. lateral 7' long to existing Receiving Basin lateral.
18	CR 1+17, 0'	Clean existing Receiving Basin.
19	AN122436, 21' Lt.	Build new Type B Receiving Basin with new 12" V.C.P. lateral 26' long including 1-45° bend, to existing 21" R.C.P. Storm Sewer.
20	PS 0+33, 24' Rt.	Remove existing Receiving Basin. Build new Type B Receiving Basin with new 8" V.C.P. lateral 7' long to existing Receiving Basin lateral.
21	PS 0+30, 24' Lt.	Remove existing Receiving Basin. Plug existing lateral with concrete, and backfill with R.O.B. gravel.
22	AN123495, 20'/22' Rt.	Remove existing Receiving Basin. Build new Type B Receiving Basin with new 12" V.C.P. lateral 26' long to existing 18" V.C.P.
23	AN124400, 18' Lt.	Remove existing Receiving Basin.
24	AN124400, 21' Lt.	Build new Type B Receiving Basin with new 8" V.C.P. lateral 6' long to existing Receiving Basin lateral.
25	AN126445, 19'/21' Lt.	Remove existing Receiving Basin. Build new Type B Receiving Basin with new 8" V.C.P. lateral 6' long to existing Receiving Basin lateral.
26	AN126450, 19'/21' Rt.	Remove existing Receiving Basin. Build new Type B Receiving Basin with new 8" V.C.P. lateral 5' long to existing Receiving Basin lateral.
27	AN125452, 21' Rt.	Build new Type B Receiving Basin with new 12" V.C.P. 154' long to new Receiving Basin at AN123495, 22' Rt.

UNDERDRAIN TABLE

STATION - STATION	SIDE	LENGTH LF	REMARKS
AN110477 - AN113497	LT	40	Drain to DI # AN110497 20' LT
AN111489 - AN112409	LT	20	Drain to DI # AN112409 20' LT
AN114412 - AN114432	LT	20	Drain to DI # AN114432 20' LT
FT 0+34 - FT 0+54	LT	20	Drain to DI # FT 0+34 16' RT
AN114497 - AN 116471	LT	74	Drain to DI # AN114497 21' LT
AN119415 - AN116471	RT	155	Drain to DI # AN115416 21' RT
AN119480 - AN120400	LT	20	Drain to DI # AN119480 21' LT
AN119482 - AN120400	RT	20	Drain to DI # AN119482 21' RT
AN120481 - AN121401	LT	20	Drain to DI # AN120481 21' LT
AN120483 - AN123415	RT	232	Drain to DI # AN120483 21' RT
AN122436 - AN123415	LT	79	Drain to DI # AN122436 21' RT
AN124400 - AN126445	LT	245	Drain to DI # AN124400 20' LT
AN125452 - AN126450	RT	98	Drain to DI # AN125452 22' RT
AN126445 - AN126450	LT	230	Drain to DI # AN126445 21' LT
AN126450 - AN128475	RT	225	Drain to DI # AN126450 21' RT

STONE CURB ITEM
NOS 14, 15, 16, 20 & 21

STATION-STATION	SIDE	14	15	16	20	21
AN109487 - AN112467	LT				298	
AN112482 - AN112487	LT				4	10
AN113407 - AN114434	LT				133	28
AN114434 - FT 0+35	LT		24			
FT 0+35 - FT 0+60	LT				25	
FT 0+60 - FT 0+39	RT				17	31
FT 0+39 - AN114499	LT				35	
AN114499 - AN116471	LT				22	20
AN115400 - AN115415	LT				32	
AN115415 - AN116471	RT				156	
AN119485 - AN123413	RT				348	
AN123413 - AN123433	RT			32		32
AN119485 - AN120419	LT				54	27
AN120419 - WA 0+38	LT			27		11
WA 0+38 - WA 0+50	LT					14
WA 0+50 - WA 0+36	RT					23
WA 0+36 - AN120479	LT				23	118
AN120479 - CR 0+32	LT				17	
CR 0+32 - CR 0+42	LT				10	
CR 0+42 - CR 0+30	LT				12	15
CR 0+30 - AN122434	LT				15	
AN122434 - AN123415	LT				28	28
AN123415 - AN123433	LT				26	26
AN123433 - AN123430	LT				26	26
AN123430 - AN124400	LT				32	32
AN124400 - AN124400	R					
AN124400 - AN124400	LT			32		
AN124400 - AN124465	LT				36	14
AN124465 - AN125400	LT				10	10
AN125400 - AN125413	LT				26	26
AN125413 - AN125452	LT				33	33
AN125452 - AN125486	LT				32	32
AN125486 - AN127400	LT				114	14
AN127400 - AN127419	LT				19	39
AN127419 - AN128475	LT				157	17
AN128475 - AN124400	R				72	
AN124400 - AN124472	R				7	33
AN124472 - AN125486	RT				7	33
AN125486 - AN125412	RT				7	36
AN125412 - AN125488	RT				22	36
AN125488 - AN125470	RT					
AN125470 - AN128406	RT					
AN128406 - AN127488	RT				120	
AN127488 - AN127488	RT				32	
AN127488 - AN128479	RT				71	
AN128479 - AN128461	RT				14	32
AN128461 - AN128475	RT				1	
TOTALS		662	313	291	1458	385

NOTE:
Straight sections of stone curb paid as item 14. Radius sections of stone curb with or without depressed sections paid as item 15. Straight depressed sections of stone curb paid as item 16.

CONCRETE SIDEWALK ITEM NO. 11

STATION - STATION	SIDE	LENGTH	WIDTH	AREA (SF)
AN109487 - AN109488	LT	11	Varies	150
AN109488 - AN111449	LT	131	2	302
AN111449 - AN111463	LT	14	2	28
AN111463 - AN112457	LT	94	2	188
AN112457 - AN114434	LT	10	Varies	78
AN114434 - FT 0+35	LT	133	2	266
FT 0+35 - AN114499	LT	20	Varies	280
AN114499 - AN115415	LT	57	3	171
AN115415 - AN116433	LT	77	8	616
AN116433 - AN116471	LT	38	3	114
AN115400 - AN115415	RT	15	Varies	130
AN115415 - AN116471	RT	156	6	936
AN119485 - AN120419	LT	54	3	162
AN120419 - WA 0+39	LT	15	Varies	156
AN119487 - AN120419	RT	75	7	525
AN120419 - AN121401	RT	59	3	177
AN121401 - AN121401	RT	154	4	616
AN122434 - AN123415	LT	20	Varies	245
WA 0+36 - AN120479	LT	20	Varies	165
AN120479 - AN121497	LT	16	2.5	295
AN121497 - CR 0+32	LT	40	Varies	79
CR 0+30 - AN122434	LT	80	Varies	79
AN122434 - AN123415	LT	80	3	240
AN123415 - AN123435	LT	19	Varies	240
AN123435 - AN123498	LT	15	Varies	180
AN123498 - AN124433	LT	35	7.5	263
AN124433 - AN125403	LT	40	7.5	300
AN125403 - AN125465	LT	25	7.5	188
AN125465 - AN126435	LT	52	7.5	390
AN126435 - AN126486	LT	51	3	153
AN126486 - AN127402	LT	16	7.5	120
AN127402 - AN127416	LT	14	7.5	105
AN127416 - AN128475	LT	159	7.5	1192
AN128475 - AN124400	RT	20	Varies	240
AN124400 - AN124475	RT	75	7.5	563
AN124475 - AN125413	RT	13	7.5	98
AN125413 - AN125473	RT	28	7.5	210
AN126403 - AN127429	RT	126	7.5	945
AN127429 - AN128433	RT	78	7.5	585
AN128433 - AN128475	RT	19	7.5	143
TOTALS				12,066 SF

Scope of Sidewalk Replacement may Change Depending on Field Conditions, A.O.B.E.

BRICK PAVING-
ITEM NO. 132

STATION LIMITS	SIDE	AREA IN SQ FT
AN114415 - AN116429	LT	38
AN119450 - AN119463	LT	10.4
AN119478 - AN119486	RT	5F
AN120412 - AN120417	LT	32
AN121407 - AN121432	LT	100
AN121484 - AN121491	LT	66
AN122404 - AN122407	RT	24
AN122412 - AN122416	RT	32
AN122421 - AN122424	RT	24
AN122429 - AN122434	RT	40
AN122455 - AN122468	LT	61
AN122488 - AN122492	RT	32
AN122495 - AN122499	RT	32
AN124404 - AN124409	LT	40
AN125486 - AN125493	LT	56
AN126435 - AN126440	LT	40
AN127430 - AN127434	LT	32
AN127488 - AN128400	RT	38
AN127489 - AN128400	RT	96
AN128403 - AN128406	RT	24
AN128406 - AN128417	RT	38
AN128469 - AN128474	RT	48

ERDMAN ANTHONY ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.



NOTE:
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REVISIONS				
NO.	DATE	DESCRIPTION	REV	CK/D

3601-053-70000-406-21-D
PROJECT NAME

DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
CLIENT:

CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE

CONSTRUCTION TABLES

SCALE: NONE	DES BY: P.E.M.	DRAWING NO: CT-1
DATE ISSUED: APRIL, 1980	DR BY: S.G.P.	SHEET NO: 9 OF 48
	CK'D BY: J.M.P.	
	DATE: 5-6-80	

RECORD DRAWINGS

LIGHTING DISPOSITION TABLE


STATION	OFFSET	REMARKS
AN110+80	21' Lt.	Existing Light Pole #2 to be Removed by Others.
	23' Lt.	Install New Light Pole Base. Items #102 & #101
AN112+50	21' Lt.	Existing Light Pole to be Removed by Others.
	23' Lt.	Install New Light Pole Base. Items #102 & #101
AN116+07	13' Lt.	Existing Light Pole #8 to be Removed by Others.
	24' Lt.	Install New Light Pole Base. Items #102 & #101
AN117+13	26' Rt.	Existing Light Pole #9 to be removed by others.
		Install New Light Pole. Items #102
AN118+11	29' Lt.	Existing Light Pole to be removed by others
		Install New Light Pole. Items #102
AN119+18	26' Rt.	Existing Light Pole #11 to be removed by others
		Install New Light Pole. Items #102
AN120+23	24' Lt.	Existing Light Pole #12 to be Removed by Others.
	24' Lt.	Install New Light Pole Base. Items #102 & #101
AN120+83	21' Rt.	Existing Light Pole #13 to be Removed by Others.
	24' Rt.	Install New Light Pole Base. Items #102 & #101
AN121+43	23' Lt.	Existing Light Pole #14 to be Removed by Others.
AN121+43	24' Lt.	Install New Light Pole Base. Items #102 & #101
AN122+19	22' Rt.	Existing Light Pole #15 to be Removed by Others.
	24' Rt.	Install New Light Pole Base Items #102 & #101
AN124+98	22' Lt.	Existing Light Pole #16 to be Removed by Others.
AN126+06	24' Lt.	Install New Light Pole Base. Items #102 & #101
AN126+04	22' Rt.	Existing Light Pole #17 to be Removed by Others.
	24' Rt.	Install New Light Pole Base. Items #102 & #101
AN126+92	23' Lt.	Existing Light Pole to be Removed by Others.
	24' Lt.	Install New Light Pole Base. Items #102 & #101
AN127+77	22' Rt.	Existing Light Pole to be Removed by Others.
	24' Rt.	Install New Light Pole Base. Items #102 & #101
WA 0+43	17.5' Rt.	Install New Light Pole Base. Items #102 & #101

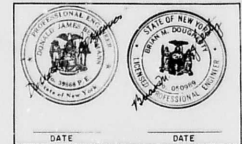
DOMESTIC HYDRANT TABLE

STATION	OFFSET	DESCRIPTION	ITEM NO.
AN110+06.5	23' Rt.	Retain existing hydrant.	-
AN112+81	23' Rt.	Retain existing hydrant.	-
AN115+89	24' Rt.	Install new hydrant. Connect to existing 10" waterline at tee.	121
AN116+51	24' Rt.	Install new hydrant. Connect to existing 10" waterline with 10" tee.	121
AN119+94	24' Rt.	Install new hydrant. Connect to existing 10" domestic waterline with 10" tee.	121
WA 0+38	17' Rt.	Retain existing hydrant.	-
AN120+07	21' Rt.	Remove existing hydrant, plug at tee	122
AN123+01	22' Rt.	Remove existing hydrant.	122
AN123+01	24' Rt.	Install new hydrant. Connect to existing 10" domestic waterline at valve.	121
AN123+97	22' Lt.	Remove existing hydrant.	122
AN124+03	23' Rt.	Remove existing hydrant.	122
AN126+09	24' Rt.	Install new hydrant. Connect to new 12" domestic waterline.	121
AN126+35	22' Rt.	Remove existing hydrant	122

HOLLY HYDRANT TABLE

STATION	OFFSET	DESCRIPTION	ITEM NO.
AN110+18	20' Lt.	Retain existing hydrant	-
AN111+85	24' Rt.	Retain existing hydrant.	-
AN114+30	23' Rt.	Retain existing hydrant.	-
AN116+35	24' Rt.	Install new hydrant. Connect to existing 10" Holly waterline with tapping sleeve and valve.	121
AN120+85	24' Lt.	Replace hydrant from AN124+78, 23' Rt. with existing 8" waterline with tapping sleeve and valve.	123
AN124+05	24' Lt.	Install new hydrant. Connect to new 12" Holly waterline.	121
AN126+85	24' Lt.	Install new hydrant. Connect to new 12" Holly waterline.	121


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 ROCHESTER, N.Y. CAMP HILL, PA.



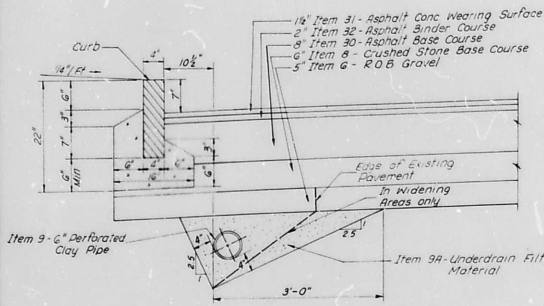
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REVISIONS				
NO.	DATE	DESCRIPTION	REV	CHK'D

RECORD DRAWINGS

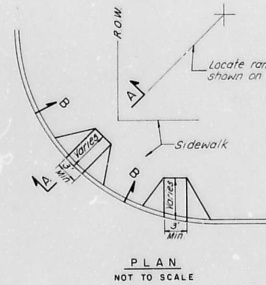
3601-054-70000-406-21-D
 PROJECT NAME
 DOWNTOWN STREET PLAN
 ANDREWS STREET
 STATE ST. TO FRANKLIN ST.
 CLIENT
 CITY OF ROCHESTER
 DEPARTMENT OF ENGINEERING
 AND MAINTENANCE
 DRAWING TITLE
 CONSTRUCTION TABLE

SCALE	NONE	DES BY	CEA	DRAWING NO.	CT-2
DATE ISSUED	APRIL, 1980	CHK'D BY	JMA	SHEET NO.	10 OF 48
		DATE	5-6-80		

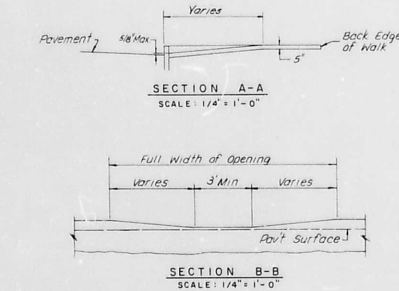


TYPICAL CURB AND UNDERDRAIN DETAIL

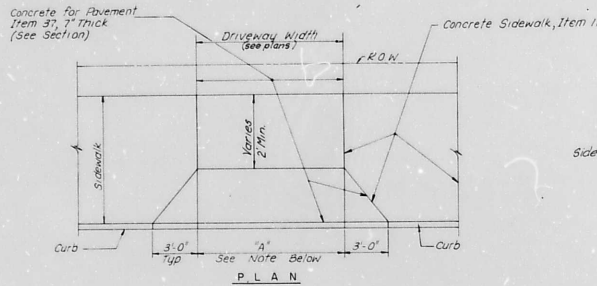
SCALE: 1" = 1'-0"



SIDEWALK RAMP DETAILS

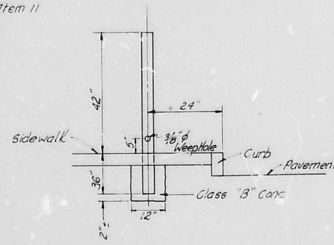


AS SHOWN



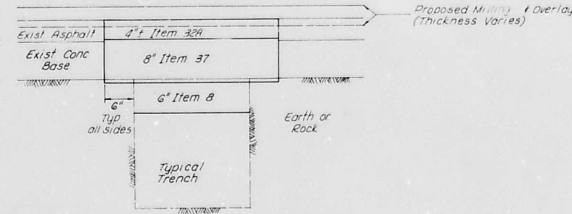
TYPE "B" DRIVEWAY

SCALE: 1/4" = 1'-0"



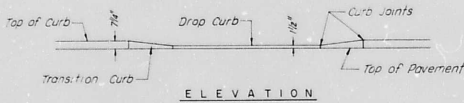
PARKING METER POLE

ITEM 90

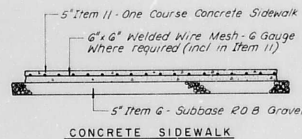


PAVEMENT RESTORATION DETAIL

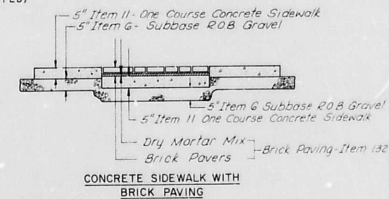
(TO BE USED IN AREAS NOT BEING FULLY RECONSTRUCTED)
NOT TO SCALE



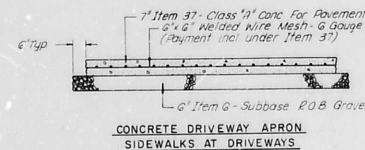
ELEVATION



CONCRETE SIDEWALK



CONCRETE SIDEWALK WITH BRICK PAVING



CONCRETE DRIVEWAY APRON SIDEWALKS AT DRIVEWAYS

MISCELLANEOUS SECTIONS

NOT TO SCALE

RECORD DRAWINGS

EA ERDMAN ANTHONY ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

Professional Engineer Seal for Edward A. Erdman, No. 12345, State of New York, Exp. 12/31/2000. Date: _____

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NO.	DATE	DESCRIPTION	REV.	CK'D.
1	4/18/80	As Built		EAC

3601-055-27000-406-21-D

PROJECT NAME

DOWNTOWN STREET PLAN

ANDREWS STREET

STATE ST. TO FRANKLIN ST.

CLIENT

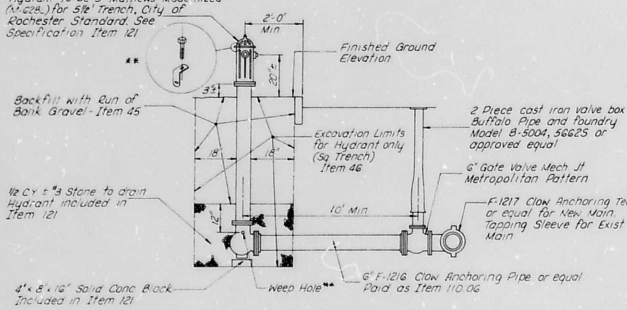
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE

CONSTRUCTION DETAILS

SCALE:	DES. BY:	DRAWING NO.:
AS SHOWN	P.L.V.	CD-1
DATE ISSUED:	DR. BY:	SHEET NO.:
APRIL, 1980	5-6-80	11 of 48

Hydrant to be 5" Matthews Modernized (1 1/2" dia.) for 5 1/2" Trench, City of Rochester Standard. See Specification Item 121

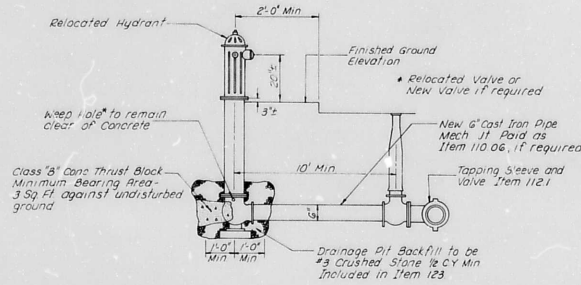


NEW HYDRANT INSTALLATION - ITEM 121

SCALE: 1/2" = 1'-0"

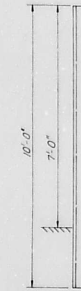
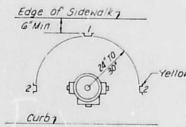
When ground water is encountered in Trench, Weep Holes will be plugged as Directed by The Engineer and the Stone Drain will be omitted. Install in one Top cap Bolt L-shaped Plate for Identification.

NOTES: 1. Excavation cast for Hydrant Relocations Included in Item 123
2. Backfill with 2" Run of Bank Gravel Included in Item 123



TYPICAL HYDRANT RELOCATION - ITEM 123

NO SCALE

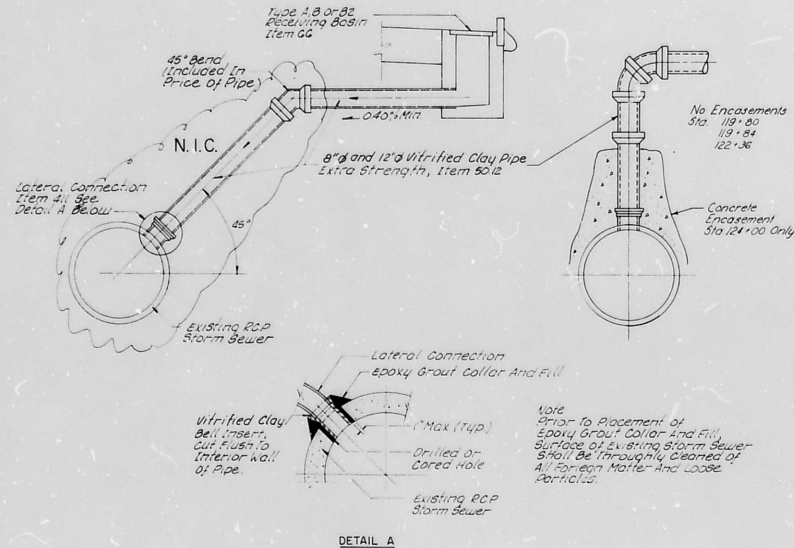


Payment for this Item shall be included in Items 121 & 123. See Specifications, Item 121 for painting and lettering requirements.

Note One post per Hydrant required

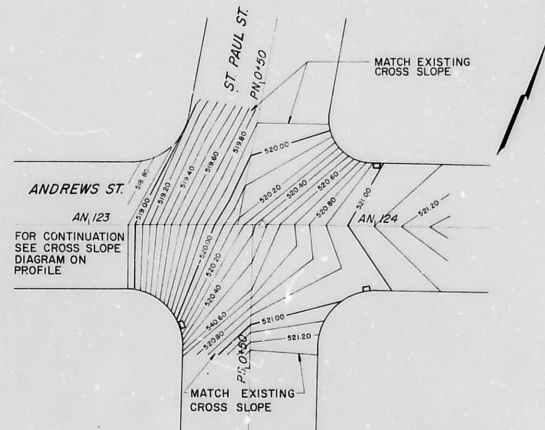
HYDRANT MARKING POST

NO SCALE



DETAIL A

STORM LATERAL CONNECTION



ANDREWS ST. - ST. PAUL ST. PAVEMENT CONTOURS

RECORD DRAWINGS

ERDMAN ANTHONY ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

Professional Engineer seals for New York and Pennsylvania, dated 1980.

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REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.
1	11/00	As Built		DWC

3601-D56-27000-406-21-D
PROJECT NAME

DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
CLIENT:

CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE

CONSTRUCTION DETAILS

SCALE: AS SHOWN	DES BY: P.E.M.	DRAWING NO: CD-2
DATE ISSUED: APRIL, 1980	DR BY: SEP	SHEET NO: 12 OF 48
	CHK BY: [Signature]	
	DATE: 5-6-80	



ERDMAN
ANTHONY
ASSOCIATES

CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

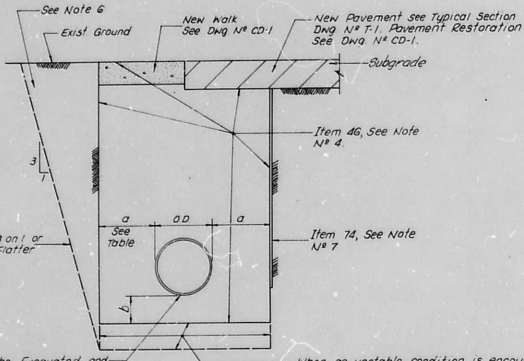


DATE _____ DATE _____

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REVISIONS

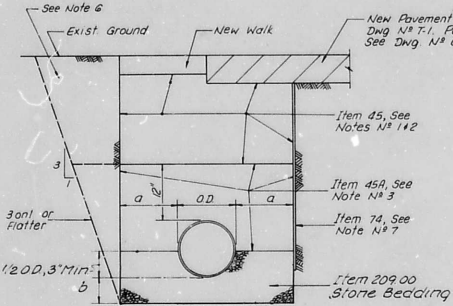
NO.	DATE	DESCRIPTION	REV	CHK'D.



Trench to be Excavated, and Compacted to provide Full Pipe Bearing

When an unstable condition is encountered and determined by the Engineer not to be a result of negligence by the Contractor, an undercut of the trench may be ordered (Depth specified by the Engineer) Para. under Item 46, Backfill to be as specified by Engineer.

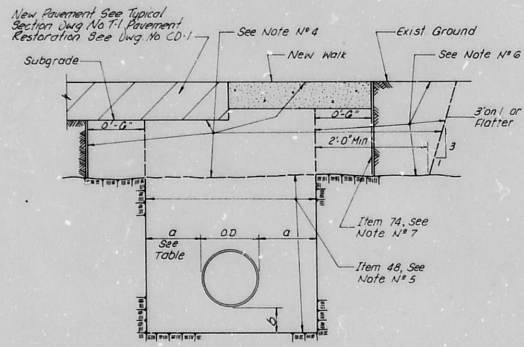
TRENCH EXCAVATION IN EARTH
NOT TO SCALE



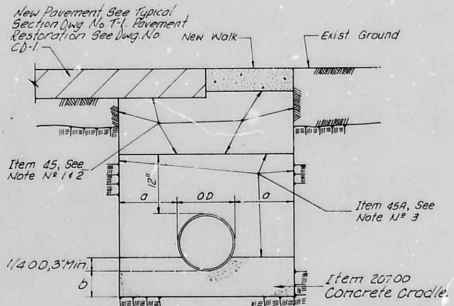
TRENCH BACKFILL IN EARTH
NOT TO SCALE

TRENCH NOTES

- In roadway areas, all trench backfills to be compacted to 95% by weight as determined by A.A.S.H.T.O. test designation T-99, Method C, except that within four (4) feet of finished grade, compaction required shall be 100%. Outside roadway areas minimum compaction of trench backfill shall be 90%.
- Backfill with Item 45: Run of Bank Gravel (unless otherwise directed by the Engineer), beneath roadway pavements. Pay limits noted are maximum for payment and minimum required. The top limit will be to the bottom of existing pavement in resurfacing areas and to subgrade in areas of new pavement construction.
- Backfill with Item 45A: Run of Bank Sand. Minimum compaction 95% by weight as determined by A.A.S.H.T.O. test designation T-99, Method C. Volume of pipe with nominal diameter greater than 12" to be deducted from quantity of Item 45A.
- Item 46: Earth Excavation for Trenches. Pay limits shown are maximum for payment and minimum required.
- Item 48: Rock Excavation for Trenches. Pay limits shown are maximum for payment and minimum required.
- Layback of trenches may be authorized by Engineer. Backfill material to meet specifications of adjacent material including roadway pavement and subsurface items, at the Contractor's expense.
- Item 74: Temporary Timber Sheeting. Required for any trench over 5 feet in depth unless layback is approved by Engineer.



TRENCH EXCAVATION IN EARTH & ROCK
NOT TO SCALE



TRENCH BACKFILL IN EARTH AND ROCK
NOT TO SCALE

DESCRIPTION	DIM. a	DIM. b
Pipes up to 18" nominal diameter	12"	6"
Pipes 21" and greater	18"	9"
Pipes 42" and greater	18"	12"

TABLE FOR PAY LIMITS
TRENCH EXCAVATION

* NOTE: The details on this sheet apply to lateral trenches only. For water/life and water service trenches see Dwg. N° CD-7.

3601-057-15000-406-Z1-D
PROJECT NAME:

DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.

CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE

CONSTRUCTION DETAILS

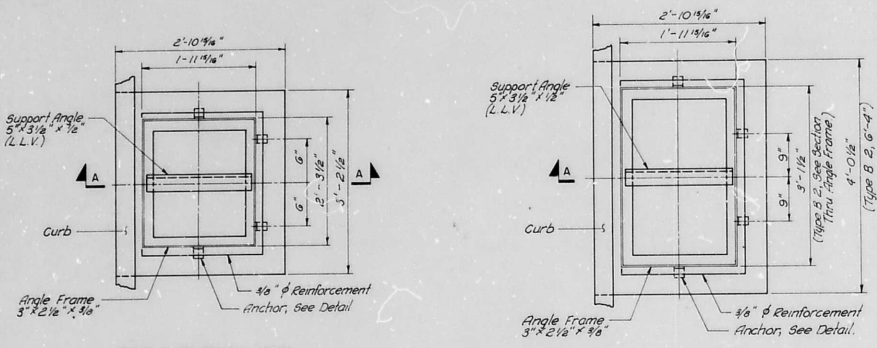
RECORD DRAWINGS

SCALE	DES. BY	DRAWING NO.
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DATE ISSUED:	CHK'D BY:	SHEET NO.
APRIL, 1980	DATE: 5-6-80	13 of 48



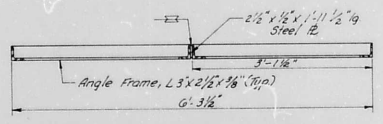
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REVISIONS			
NO.	DATE	DESCRIPTION	REV. CK'D.

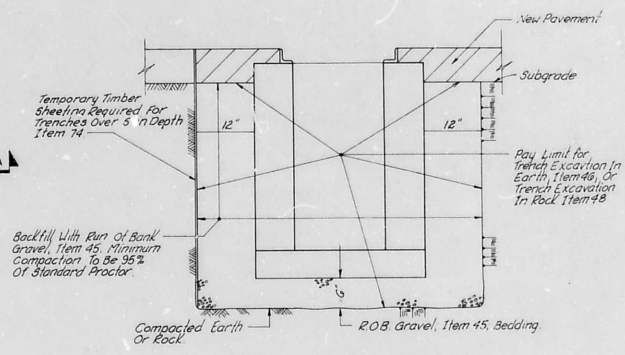


TYPE A RECEIVING BASIN
 Scale 1" = 1'-0"

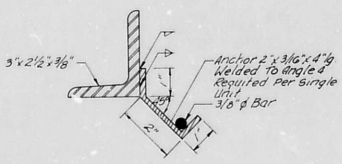
TYPE B & B2 RECEIVING BASIN
 Scale 1" = 1'-0"



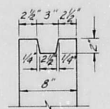
SECTION THRU ANGLE FRAME FOR TYPE "B2" DOUBLE RECEIVING BASINS



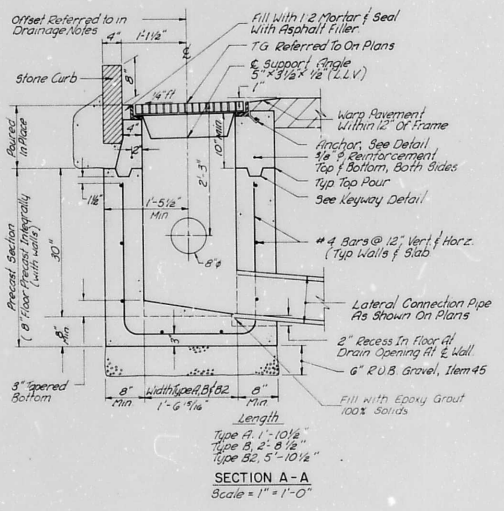
EXCAVATION & BACKFILL FOR RECEIVING BASINS
 TYPE A & B
 Not to scale



TYPICAL ANCHOR DETAIL
 Scale 1/2" = 1"



KEYWAY DETAIL
 Scale 1/2" = 1"



SECTION A-A
 Scale 1" = 1'-0"

NOTES FOR TYPE A, B AND B2 RECEIVING BASINS

- Outside dimensions of angle frame:
 Type A 1'-11 15/16" x 2'-3 1/2"
 Type B 1'-11 15/16" x 3'-1 1/2"
 Type B2 1'-11 15/16" x 3'-1 1/2" (two required)
- On precast Receiving Basins the height of the Variable Collar or Concrete Cap Pours shall be 10" minimum.
- See specifications, Item 66 for grate and frame details.
- Pipe openings shown on Receiving Basins details are representative only.

RECORD DRAWINGS

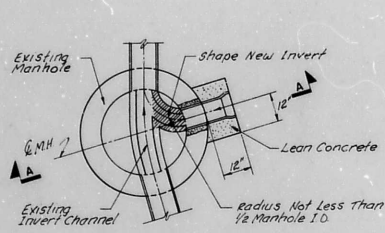
3601-058-17000-406-21-D
 PROJECT NAME:

DOWNTOWN STREET PLAN
 ANDREWS STREET
 STATE ST. TO FRANKLIN ST.

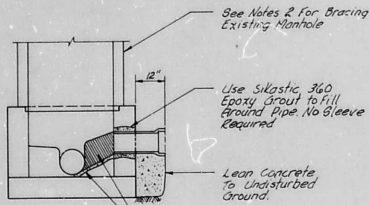
CITY OF ROCHESTER
 DEPARTMENT OF ENGINEERING
 AND MAINTENANCE

DRAWING TITLE:
 CONSTRUCTION DETAILS

SCALE: AS SHOWN	DES BY: P.E.M. DR BY: J.E.P.	DRAWING NO: CD-4
DATE ISSUED: APRIL, 1980	CKD BY: J.M.P.	SHEET NO: 14 of 48



PLAN



SECTION A-A

Remove Existing Concrete Base and Invert. Construct New Concrete Invert As Shown in Above Plan.

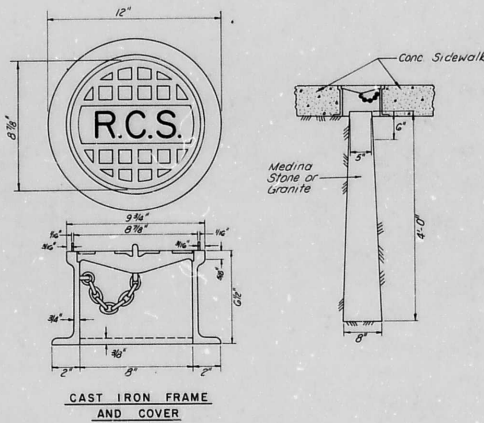
Notes

1. The Crown of the Lateral Sewer shall not be constructed lower than the crown of the main sewer. The Invert of the Lateral Sewer shall be constructed at a minimum of 3" above the main sewer invert.
2. The existing manhole structure shall be sufficiently braced and protected to prevent any shifting or damage to the manhole.
3. The existing manhole may be round or square depending on the date of construction.

CONNECTION TO EXISTING MANHOLE

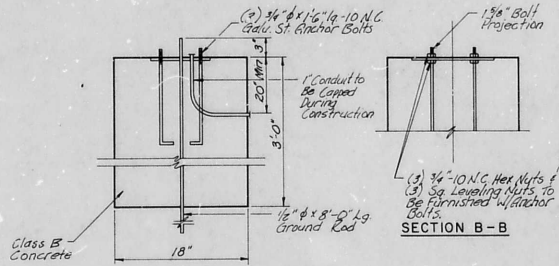
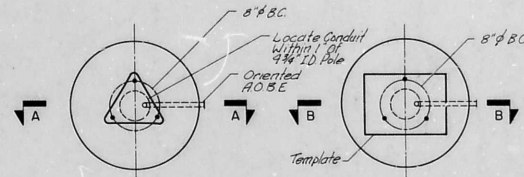
ITEM 63

Not to Scale



NEW STONE MONUMENTS

ITEM 83

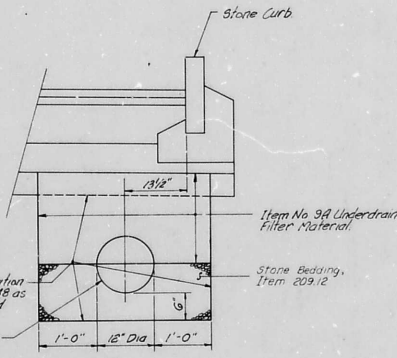


SECTION A-A

FIRE ALARM STANDARD BASE

ITEM NO. 92

Not to Scale



DETAIL B

CURB WITH PERF. VCP
STORM SEWER

Not to Scale

EA
ERDMAN
ANTHONY
ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

PROFESSIONAL ENGINEER
STATE OF NEW YORK
JAMES W. ERDMAN
No. 12345
Professional Engineer

PROFESSIONAL ENGINEER
STATE OF NEW YORK
ANTHONY J. ANTHONY
No. 67890
Professional Engineer

DATE _____ DATE _____

NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS			
NO.	DATE	DESCRIPTION	REV. CK'D.

360-059-17000-406-21-D
PROJECT NAME:

DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
CLIENT:

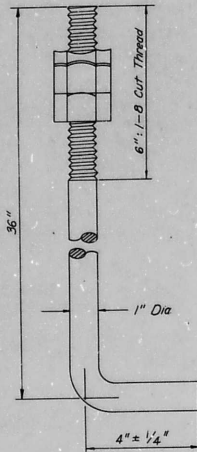
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE:

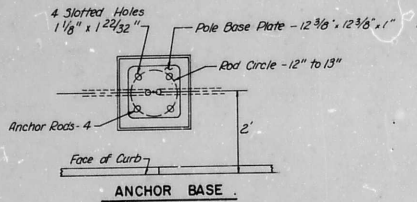
CONSTRUCTION DETAILS

RECORD DRAWINGS

SCALE: NONE	DES. BY: P.E.M.	DRAWING NO.: CD-5
DATE ISSUED: APRIL, 1980	DR. BY: J.N.	CKD BY: J.N.
	DATE: 5-6-80	SHEET NO.: 15 of 48



ANCHOR ROD



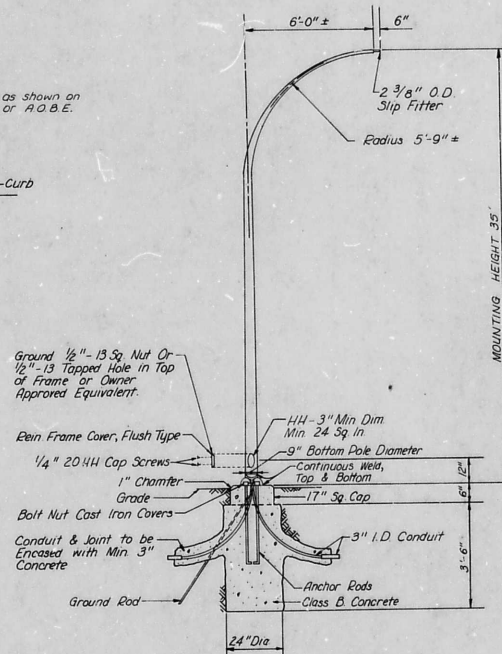
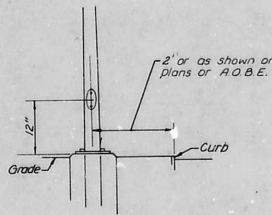
Notes:

1. One Piece Cast Steel With Adequate Strength, Shape & Telescoping the Shaft 2". Welded Top & Bottom to Develop Full Strength of the Adjacent Shaft to Resist Bending Action
2. Provide 4 Slotted Holes in Base to Receive Anchor Rods.
3. Provide 4 Tapped Holes for Attaching Rod Cover Castings & 4 Hex Head Attaching Bolts
4. Provide 4 Cast Iron Anchor Rod Covers ASTM-A48.
5. Optional Fasteners 1/4"-20 UNC Self Tapping Screws with Hex Head

Notes:

1. All Necessary Electrical Work for Street Lighting Cable & Luminaires Will Be Done By RG&E.
2. The Contractor Is Required To Coordinate All Work Pertaining To Street Lighting With The City Street Lighting Section of the Department of Engineering & Maintenance and RG&E.
3. All Fasteners To Be Stainless Steel Except For Anchor Rods
4. The Contractor Shall Provide Temporary Lighting As Required By The City Street Lighting Section of the Department of Engineering & Maintenance. The cost of Temporary Lighting shall be included in the unit prices for Items 101 thru 105.
5. For Curb Excavation & Backfill Details see Dwg. No SD-1.

LIGHTING DETAILS



POLE AND BASE DETAIL
ITEM Nos. 101 & 102

ERDMAN ANTHONY ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

PROFESSIONAL ENGINEER
STATE OF NEW YORK
DATE

NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

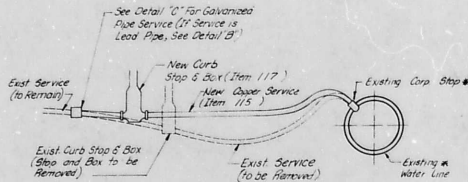
REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.

RECORD DRAWINGS

3601-060-7000-406-21-D
PROJECT NAME:
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE
DRAWING TITLE:

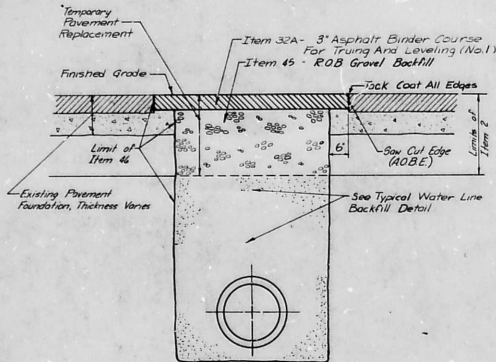
CONSTRUCTION DETAILS

SCALE	DES. BY	DRAWING NO.
AS SHOWN	DR. BY	CD - 6
DATE ISSUED:	CHK BY	SHEET NO.
APRIL, 1980	DATE: 5-6-80	16 of 48



- NOTES:**
1. The existing corporation stop shall be utilized with necessary adapters to the new copper service. If the corporation stop is leaking or damaged a new corporation stop shall be installed and the existing one abandoned.
 2. WHEN A NEW WATERMAIN IS INSTALLED, AND THE EXISTING WATERMAIN IS ABANDONED, THE SERVICES SHALL BE CONNECTED TO A NEW CORPORATION STOP ON THE NEW WATERMAIN.

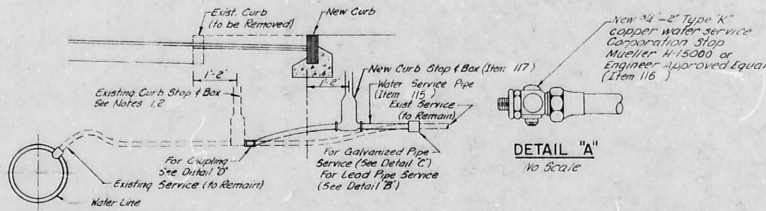
REPLACEMENT OF WATER SERVICES



METHOD OF TEMPORARY PAVEMENT REPAIR ST. PAUL ST TO CLINTON AVE. N.

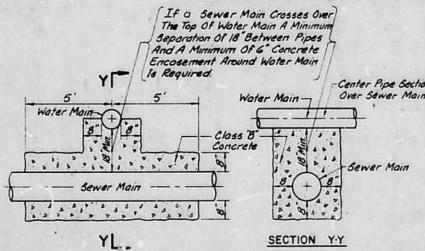
Scale: 3/4" = 1'-0"

- NOTES:**
- 1) A TEMPORARY PAVEMENT REPAIR SHALL BE UTILIZED AS DIRECTED BY THE ENGINEER IN AREAS NOT SCHEDULED TO RECEIVE PERMANENT PAVEMENT UNTIL SPRING OF 1981.
 - 2) TRENCH EXCAVATION, R.O.B. BACKFILL, AND ASPHALT BINDER COURSE SHALL BE PAID UNDER ITS RESPECTIVE BID ITEM AS DETAILED ABOVE.



- NOTES:**
1. To extend 3/4" and 1" services, the Contractor shall remove the existing curb stop and box.
 2. To extend services longer than 1" the Contractor shall remove the existing curb box. The existing curb stop shall remain in place in the open position.

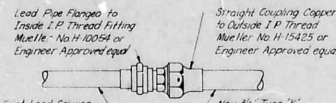
RELOCATING CURB STOPS AND BOXES (NOT IN CONTRACT)



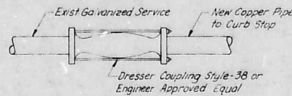
CONCRETE ENCASEMENT SEWER MAIN & WATER MAIN CROSSING

- NOTE:**
- 1) The cost of concrete encasement is to be included under Item 110.

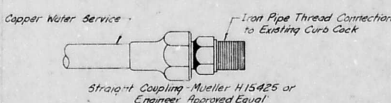
DETAIL "A"
No Scale



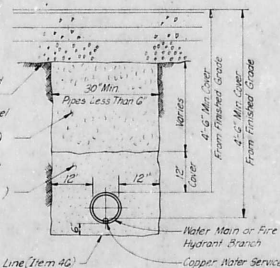
DETAIL "B"
No Scale



DETAIL "C"
No Scale



DETAIL "D"
No Scale



METHOD OF BACKFILL WATER LINES

Scale: 3/4" = 1'-0"

- NOTES:**
- 1) SEE DRAWING NO. CD-3 FOR ADDITIONAL TRENCH AND BACKFILL INFORMATION ABOVE THE ITEM 45A SAND BACKFILL.
 - 2) HOLDS WATER MAINS SHALL BE INSTALLED WITH 4" COVER WHERE PRACTICAL.
 - 3) NO DEDUCTIONS FOR THE AREA OCCUPIED BY THE WATERMAIN WILL BE MADE WHEN COMPUTING BACKFILL QUANTITIES, WHEN THE PIPE DIAMETER IS DEER THAN 12".

RECORD DRAWINGS

NO.	REVISIONS
1	Revised/Added/Deleted
2	
3	
4	
5	
6	
7	



PROJECT NUMBER	G.A.G.
DRAWN BY	C.A.R.
CHECKED BY	JULY, 1979
DATE	AS SHOWN
SCALE	AS SHOWN
DATE	8/11/80

SEAR · BROWN
ASSOCIATES, P.C.

SUBJECT: ST. PAUL STREET FROM CLINTON AVE. N. TO CLINTON AVE. N. FRANKLIN ST.
CONSTRUCTION DETAILS
CITY OF ROCHESTER, MONROE COUNTY, N.Y.
CITY OF ROCHESTER

DRAWING NO.	2250.10-26
CD - 7	
SHEET 17 OF 48	

3601-061-15000-404-21-D

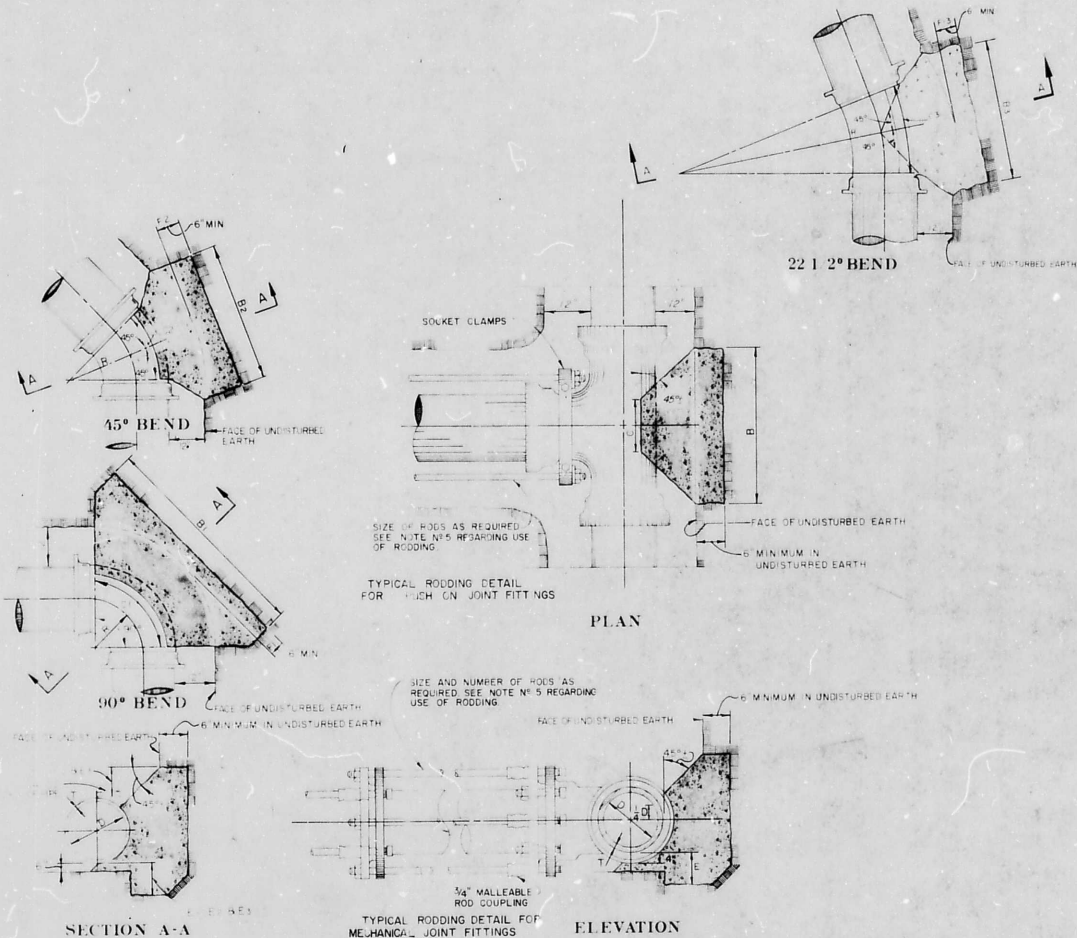
THRUST BLOCK DETAILS

PIPE SIZE	90° ELBOW				45° ELBOW			
	B ₁	C ₁	E ₁	F ₁	B ₂	C ₂	E ₂	F ₂
6"	3'-6"	0'-11"	1'-4"	0'-6"	2'-6"	0'-9"	1'-0"	0'-6"
8"	4'-0"	1'-0"	1'-6"	0'-6"	2'-9"	0'-9"	1'-0"	0'-6"
10"	4'-6"	1'-0"	1'-6"	0'-6"	3'-0"	1'-0"	1'-0"	0'-6"
12"	5'-0"	1'-0"	1'-6"	0'-6"	3'-3"	1'-0"	1'-0"	0'-6"
16"	6'-0"	1'-0"	2'-0"	0'-6"	4'-0"	1'-0"	1'-0"	0'-6"
20"	7'-0"	1'-0"	2'-0"	0'-6"	4'-6"	1'-0"	1'-0"	0'-6"
24"	8'-0"	1'-0"	2'-0"	0'-6"	5'-0"	1'-0"	1'-0"	0'-6"
30"	9'-0"	1'-0"	2'-0"	0'-6"	5'-6"	1'-0"	1'-0"	0'-6"
36"	10'-0"	1'-0"	2'-0"	0'-6"	6'-0"	1'-0"	1'-0"	0'-6"
48"	14'-0"	1'-0"	4'-0"	0'-6"	7'-0"	1'-0"	1'-0"	0'-6"

PIPE SIZE	22 1/2° BEND			
	B	C	E	F
6"	2'-0"	1'-0"	1'-0"	0'-6"
8"	2'-0"	1'-0"	1'-0"	0'-6"
10"	2'-0"	1'-0"	1'-0"	0'-6"

* DIMENSIONS SHOWN ARE FOR PLUGGED ENDS.

PIPE SIZE	TEE OR PLUG			
	B	C	E	F
6"	3'-6"	0'-11"	1'-4"	0'-6"
8"	4'-0"	1'-0"	1'-6"	0'-6"
10"	4'-6"	1'-0"	1'-6"	0'-6"
12"	5'-0"	1'-0"	1'-6"	0'-6"
16"	6'-0"	1'-0"	2'-0"	0'-6"
20"	7'-0"	1'-0"	2'-0"	0'-6"
24"	8'-0"	1'-0"	2'-0"	0'-6"
30"	9'-0"	1'-0"	2'-0"	0'-6"
36"	10'-0"	1'-0"	2'-0"	0'-6"
48"	14'-0"	1'-0"	4'-0"	0'-6"



NOTES:

- ALL THRUST BLOCKS SHALL BE CLASS 'B' CONCRETE. A 1/2" AIR VOID BARRIER SHALL BE PLACED IN UNDISTURBED EARTH AS SHOWN IN DETAILS.
- PAYMENT QUANTITIES SHALL BE BASED ON THE DIMENSIONS SHOWN.
- THE THRUST BLOCKS SHOWN FOR TEES SHALL ALSO BE USED FOR PLUGGED ENDS.
- AT REMOVABLE PLUGS ON WATER SERVICE BRANCHES A SHEET POLYETHYLENE BOND BREAKER SHALL BE UTILIZED BETWEEN THE REMOVABLE PLUG AND ANY CONCRETE THRUST BLOCK REQUIRED.
- WHERE THRUST BLOCKS ARE LOCATED IN FILL EARTH, IN ADDITION TO THEM, THE CONTRACTOR SHALL USE RODDING AS A SEMI-PERMANENT MEANS OF RESTRAINING WATER LINE. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL WITH DETAILS OF THE RODDING SYSTEM TO BE USED FOR EVERY PARTICULAR CASE.

RECORD DRAWINGS

REVISIONS	
NO.	DATE
1	
2	
3	
4	
5	
6	
7	
8	

SEAR • BROWN
 ASSOCIATES, INC.
 ENGINEERS AND ARCHITECTS
 100 WEST 17TH STREET, SUITE 1000
 NEW YORK, N.Y. 10011

CITY OF ROCHESTER
 MONROE COUNTY, N.Y.
 CONSTRUCTION DETAILS
 PLAN
 DOWNTOWN STREET
 ANDREWS ST. - STATE ST. to FRANKLIN ST.

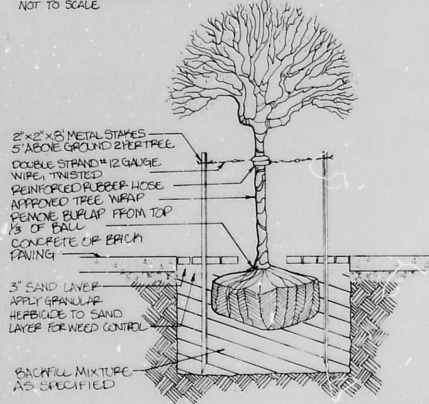
2250.10-27
 CD-8
 SHEET 18 OF 48

360-062-50000-406-21-D

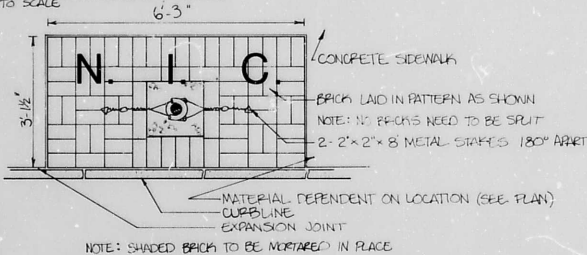
LANDSCAPING DETAILS

TREE PLANTING W/ BRICK PAVING

NOT TO SCALE

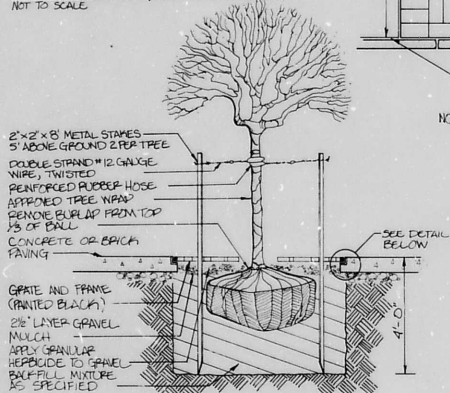


PLAN OF BRICK LANDSCAPING
NOT TO SCALE

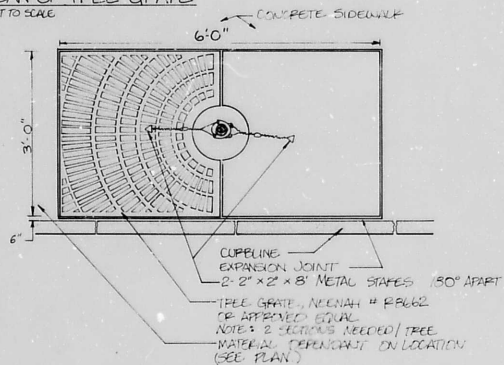


TREE PLANTING W/ ION TREE GRATE

NOT TO SCALE



PLAN OF TREE GRATE
NOT TO SCALE



TREE LOCATION DATA TABLE

TREE #	DWG #	ITEM #	STATION AND OFFSET	COVER*	COMMON NAME	BOTANICAL NAME, VARIETY
1	P-3	130.2	AN121+03 24' Left	G	European Hornbeam #2	Carpinus Betula, Fastigiata
2	P-3	130.2	AN121+34 24' Left	G	European Hornbeam #2	Carpinus Betula, Fastigiata
3			N O T		A S S I G N E D	
4			N O T		A S S I G N E D	
5	P-4	130.0	AN122+41 24' Left	G	Callary Pear	Pyrus Calleryana, Red Spire PP#3815
6	P-4	130.0	AN122+71 24' Left	G	Callary Pear	Pyrus Calleryana, Red Spire PP#3815
7	P-4	130.0	AN123+01 24' Left	G	Callary Pear	Pyrus Calleryana, Red Spire PP#3815
8	P-4	130.1	AN124+16 24' Left	G	Columnar Maple	Acer Platanoides, Columnare
9	P-4	130.1	AN124+85 24' Left	G	Columnar Maple	Acer Platanoides, Columnare
10	P-4	130.1	AN125+43 24' Left	G	Columnar Maple	Acer Platanoides, Columnare
11	P-4	130.2	AN125+58 24' Right	G	European Hornbeam #1	Carpinus Betula, Fastigiata
12	P-4	130.2	AN126+14 24' Right	G	European Hornbeam #1	Carpinus Betula, Fastigiata
13	P-4	130.1	AN126+64 24' Right	G	Columnar Maple	Acer Platanoides, Columnare
14	P-5	130.1	AN126+90 24' Right	G	Columnar Maple	Acer Platanoides, Columnare
15	P-5	130.1	AN127+20 24' Right	G	Columnar Maple	Acer Platanoides, Columnare
16	P-5	130.0	AN127+45 24' Left	G	Callary Pear	Pyrus Calleryana, Red Spire PP#3815
17	P-5	130.2	AN127+75 24' Left	G	European Hornbeam #1	Carpinus Betula, Fastigiata
18	P-5	130.0	AN128+05 24' Left	G	Callary Pear	Pyrus Calleryana, Red Spire PP#3815
19	P-5	130.2	AN128+35 24' Left	G	European Hornbeam #1	Carpinus Betula, Fastigiata
20	P-5	130.0	AN128+65 24' Left	G	Callary Pear	Pyrus Calleryana, Red Spire PP#3815
21	P-5	130.2	AN127+91 24' Right	G	European Hornbeam #2	Carpinus Betula, Fastigiata
22	P-5	130.2	AN128+21 24' Right	G	European Hornbeam #2	Carpinus Betula, Fastigiata

* B - Brick (Not in Contract)
G - Grate

* Notes: 1. Callary Pear Substituted For European Hornbeam
2. Columnar Maple Substituted For European Hornbeam

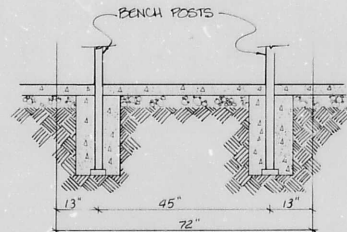
BENCH LOCATION DATA TABLE

BENCH #	SHEET #	ITEM #	BENCH STATION	OFFSET TO BENCH MIDPOINT	COMPASS DIRECTION BENCH FACES
1	P-1	131	AN110+32	27' Rt	South, east parallel to curb
2	P-2	131	AN111+14	27' Rt	North, west

BENCH DETAIL

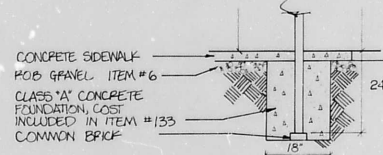
NOT TO SCALE

ITEM #133 O. EXHAUSTIVE, MODEL 312N2572 OR APPROVED EQUAL



RECORD DRAWINGS

BENCH POST



ERDMAN ANTHONY ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

Professional Engineer seals for New York and Pennsylvania.
DATE _____ DATE _____

NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.
1	1/28/80	As Built		RWC

3601-003-10000-406-21-D
PROJECT NAME

DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.

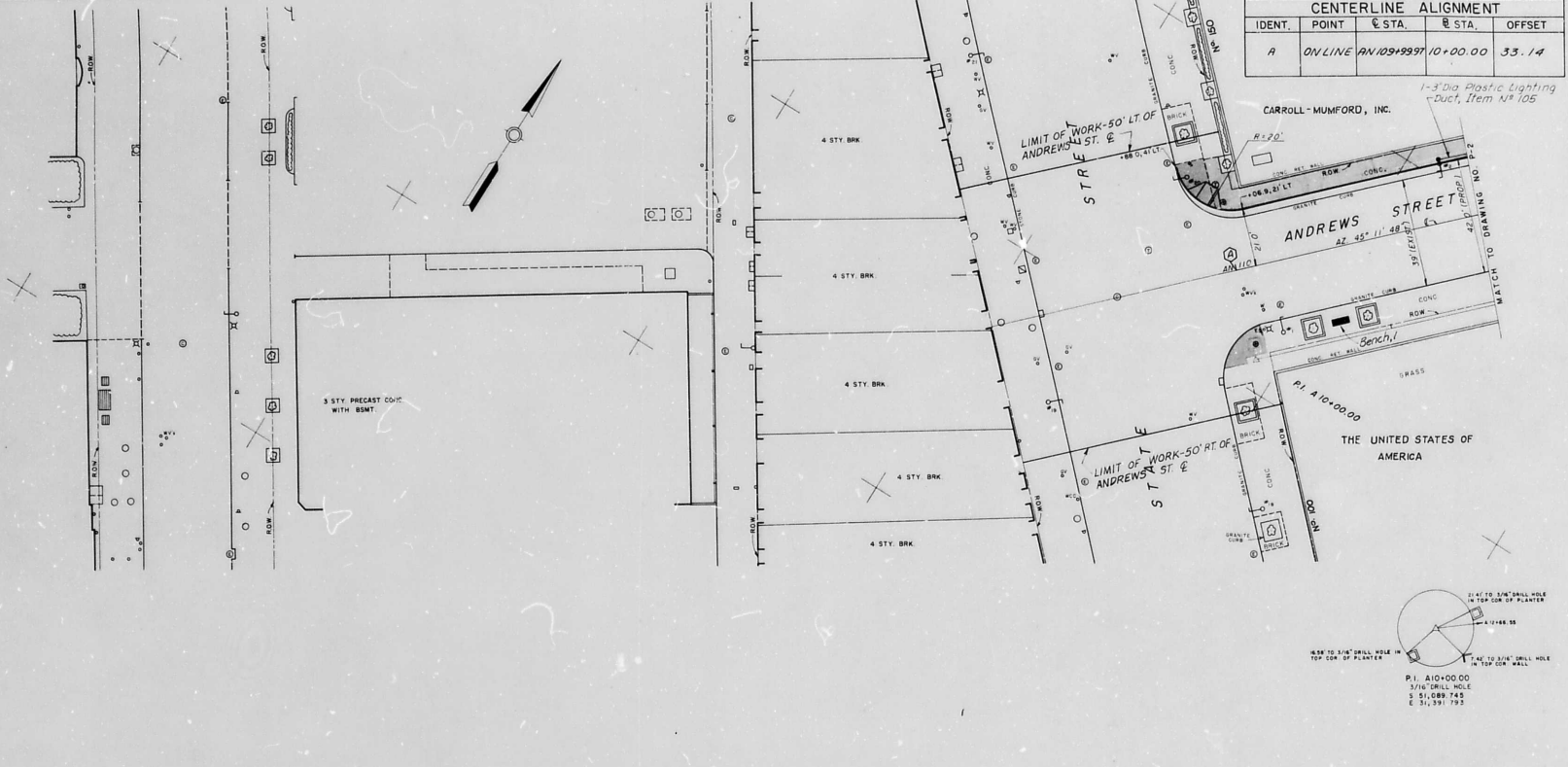
CLIENT:

CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE

LANDSCAPING DETAILS

SCALE:	DES. BY:	DRAWING NO.:
NOT TO SCALE	DR BY: [Signature]	LD-1
DATE ISSUED:	CHK'D BY: [Signature]	SHEET NO.:
APRIL, 1980	DATE: 5-6-80	19 OF 48



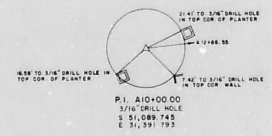
CENTERLINE ALIGNMENT				
IDENT.	POINT	E. STA.	W. STA.	OFFSET
A	ON LINE AN 109+99.91	10+00.00		33.14

EA ERDMAN ANTHONY ASSOCIATES
 CONSULTING ENGINEERS & PLANNERS
 ROCHESTER, N.Y. CAMP HILL, PA.

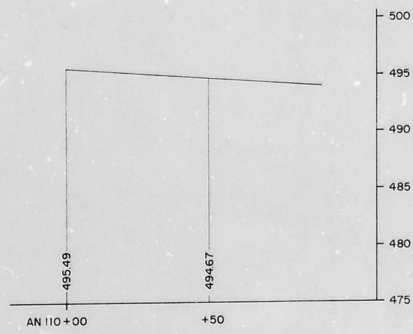
Professional Engineer seals for the State of New York and State of Pennsylvania. Includes fields for DATE.

NOTE:
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CK'D.
1	4/10/80	As Built		RWC



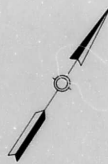
RECORD DRAWINGS



3601-064-20000-406-21-D
 PROJECT NAME
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
 CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE
 DRAWING TITLE:
PLAN & PROFILE

SCALE: 1" = 20' HORIZ 1" = 5' VERT	DES. BY: PEM	DRAWING NO: P-1
DATE ISSUED: APRIL, 1980	DR. BY: SEP	SHEET NO: 20 OF 48
	CKD BY: SEP	DATE: 5-6-80

CENTERLINE ALIGNMENT			
IDENT.	POINT	C STA.	E STA.
A	ONLINE	AN 112+66.52	12+66.55
B	PI 102	AN 112+68.83	12+68.86
C	ONLINE	AN 112+74.76	12+66.55
D	PI 103	AN 114+64.21	14+55.81
E	ONLINE	AN 115+69.63	15+59.66
F	ONLINE	AN 115+74.68	15+59.66

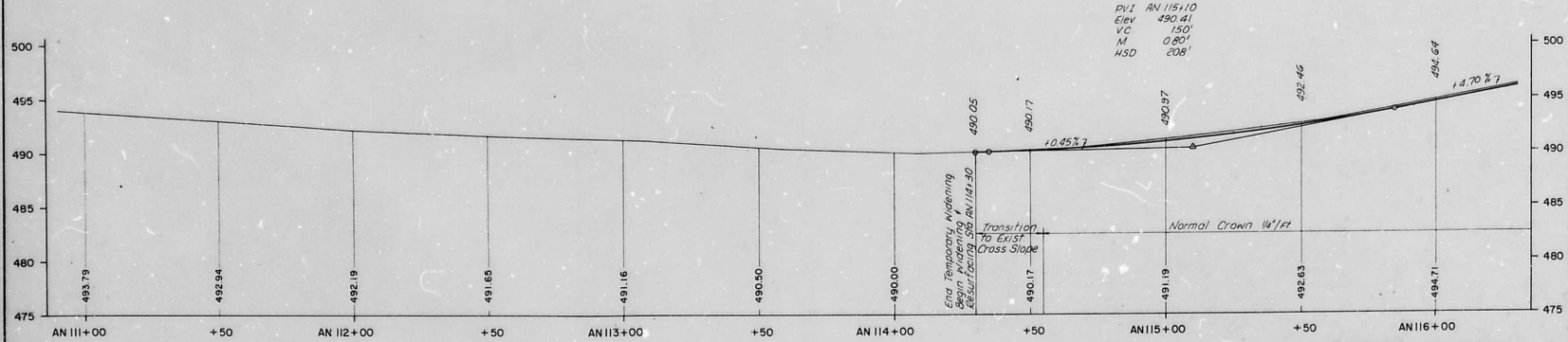
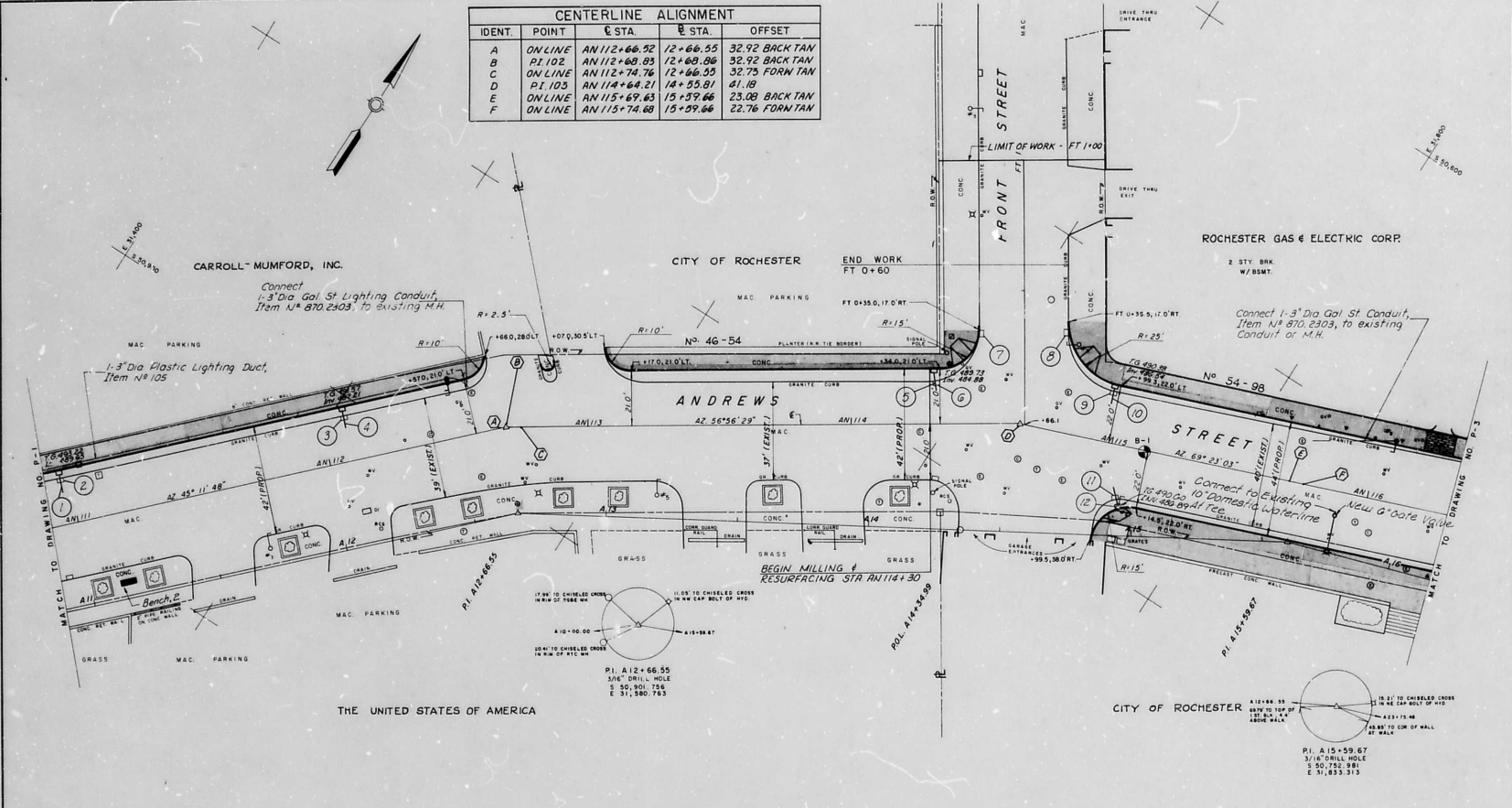


CARROLL MUMFORD, INC.

CITY OF ROCHESTER

ROCHESTER GAS & ELECTRIC CORP.

THE UNITED STATES OF AMERICA



RECORD DRAWINGS

EDMAN ANTHONY ASSOCIATES
 CONSULTING ENGINEERS & PLANNERS
 ROCHESTER, N.Y. CAMP HILL, PA.

Professional Engineer Seals for Edman Anthony Associates, Inc. (New York and Pennsylvania).

DATE _____ DATE _____

NOTE:
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

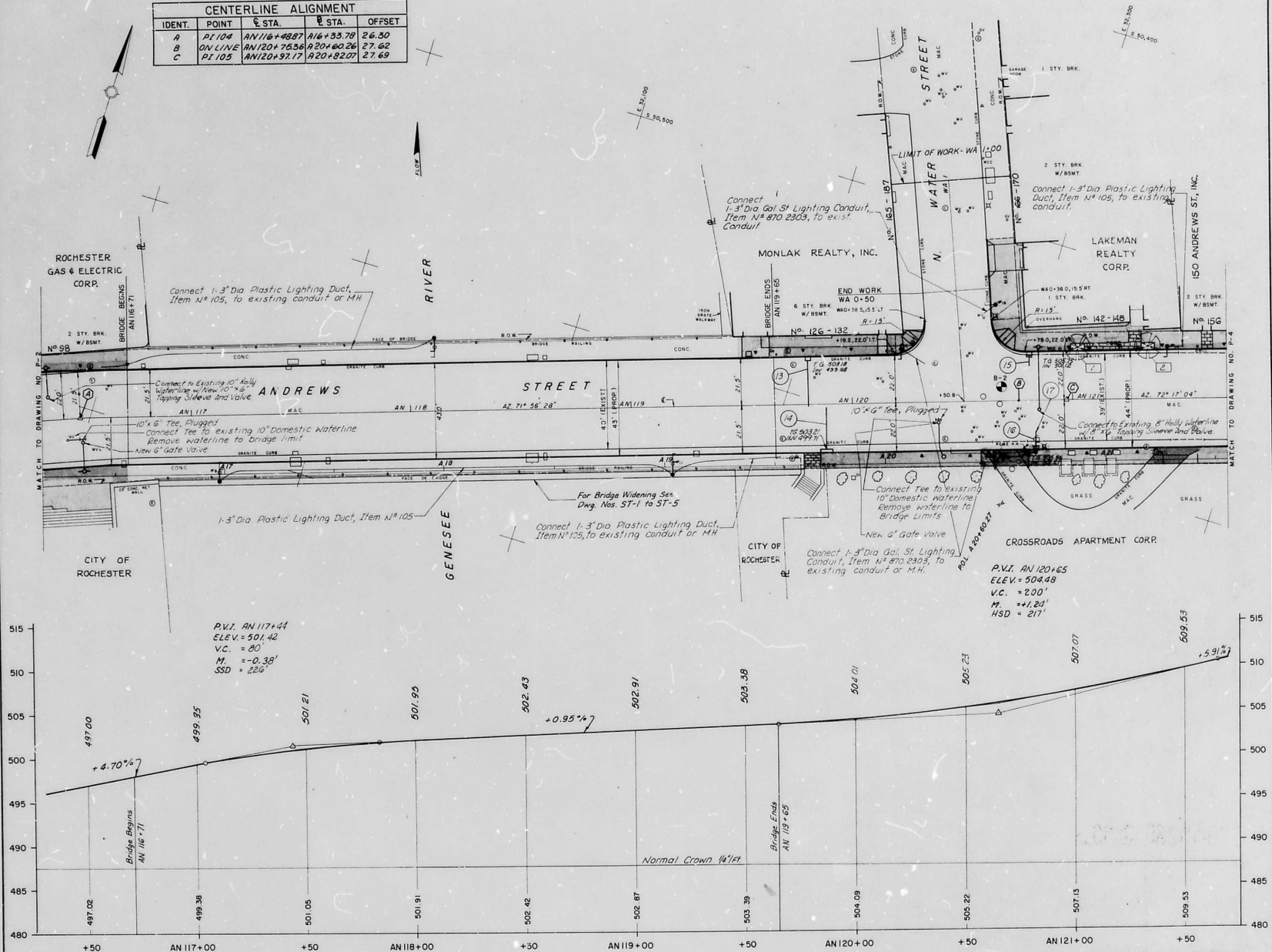
REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.
1	11/82	ADD PARKING METERS	SEP	V.C.
2	11/82	As Built		RWC

3601-065-20000-406-21-D
 PROJECT NAME
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
 CLIENT:
CITY OF ROCHESTER
 DEPARTMENT OF ENGINEERING
 AND MAINTENANCE

DRAWING TITLE
PLAN & PROFILE

SCALE: 1" = 30' HORIZ. 1" = 10' VERT.	DES. BY: P.C.M.	DRAWING NO.: P-2
DATE ISSUED: APRIL, 1960	CHK. BY: J.M.P.	SHEET NO.: 21 OF 48

CENTERLINE ALIGNMENT				
IDENT.	POINT	STA.	STA.	OFFSET
A	PI 104	AN116+48.87	A16+53.78	26.30
B	ON LINE	AN120+75.36	A20+60.26	27.62
C	PI 105	AN120+97.17	A20+82.07	27.69



EA ERDMAN ANTHONY ASSOCIATES
 CONSULTING ENGINEERS & PLANNERS
 ROCHESTER, N.Y. * CAMP HILL, PA.

PROFESSIONAL ENGINEER
 STATE OF NEW YORK
 JAMES R. ERDMAN
 No. 10909
 PROFESSIONAL ENGINEER
 STATE OF NEW YORK
 JOHN A. ANTHONY
 No. 10909
 PROFESSIONAL ENGINEER
 STATE OF NEW YORK

DATE _____ DATE _____

NOTE:
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.
1	11-29-90	ADDED PARKING METERS	SEP	VC
2	1/1/92	As Built		VC

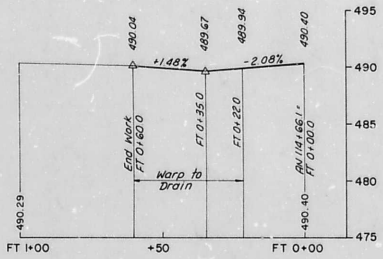
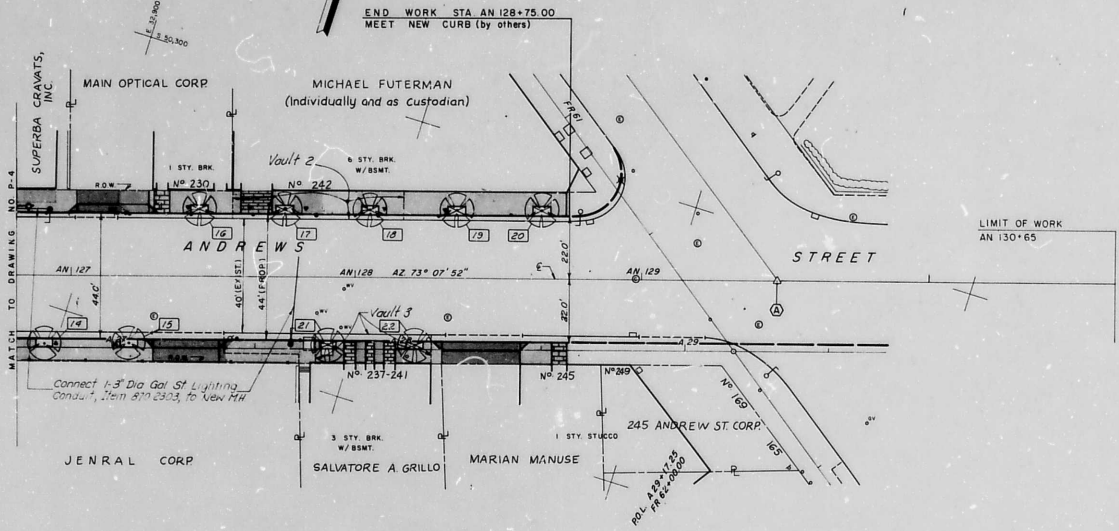
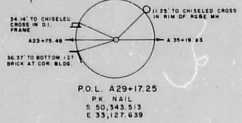
8601-066-20000-406-21-D
 PROJECT NAME
 DOWNTOWN STREET PLAN
 ANDREWS STREET
 STATE ST. TO FRANKLIN ST.
 CLIENT:
 CITY OF ROCHESTER
 DEPARTMENT OF ENGINEERING
 AND MAINTENANCE
 DRAWING TITLE:

PLAN & PROFILE

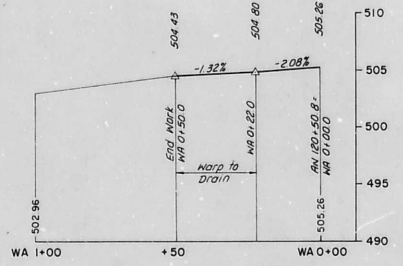
RECORD DRAWINGS

SCALE: 1" = 50' HORIZ 1" = 5' VERT	DES. BY: P.E.M.	DRAWING NO. P-3
DATE ISSUED:	DR BY: SEP	SHEET NO.
APRIL, 1980	CHK BY: JME	22 of 48
	DATE: 5-6-80	

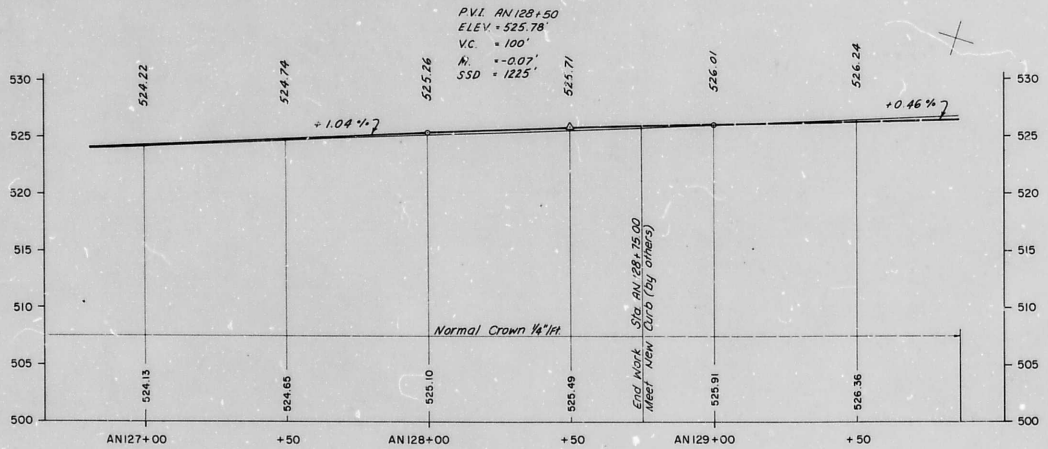
CENTERLINE ALIGNMENT			
IDENT	POINT	STA	OFFSET
A	PI 107	AN 129+47.78	A 29+32.30 24.49



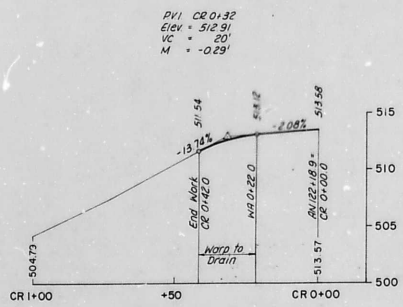
FRONT STREET
REFERENCE TO DWG. NO P-2



N. WATER STREET
REFERENCE TO DWG. NO. P-3

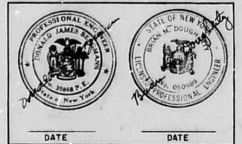


RECORD DRAWINGS



CARTHAGE ALLEY
REFERENCE TO DWG. NO P-4

EA ERDMAN
ANTHONY
ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.



NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS				
NO.	DATE	DESCRIPTION	REV	CHK'D
1		1/8" BRK ADDED MARKING METERS	S.E.R.	V.C.
2	1/4/92	As Built		RWC

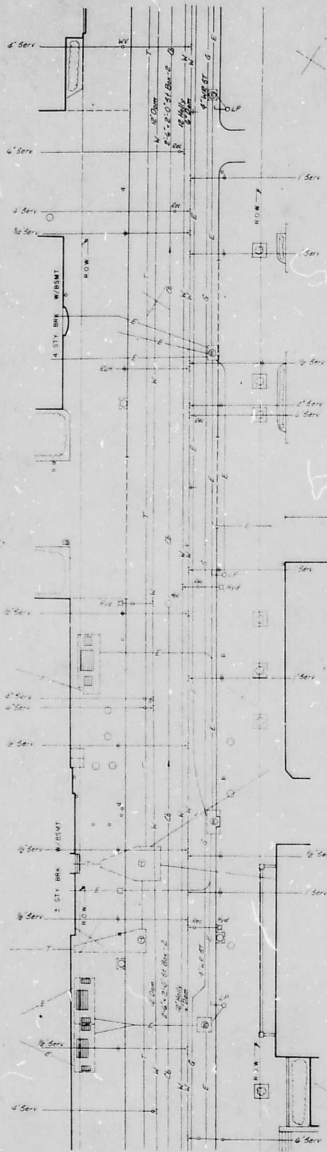
3601-068-20000-406-21-D
PROJECT NAME:

DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.

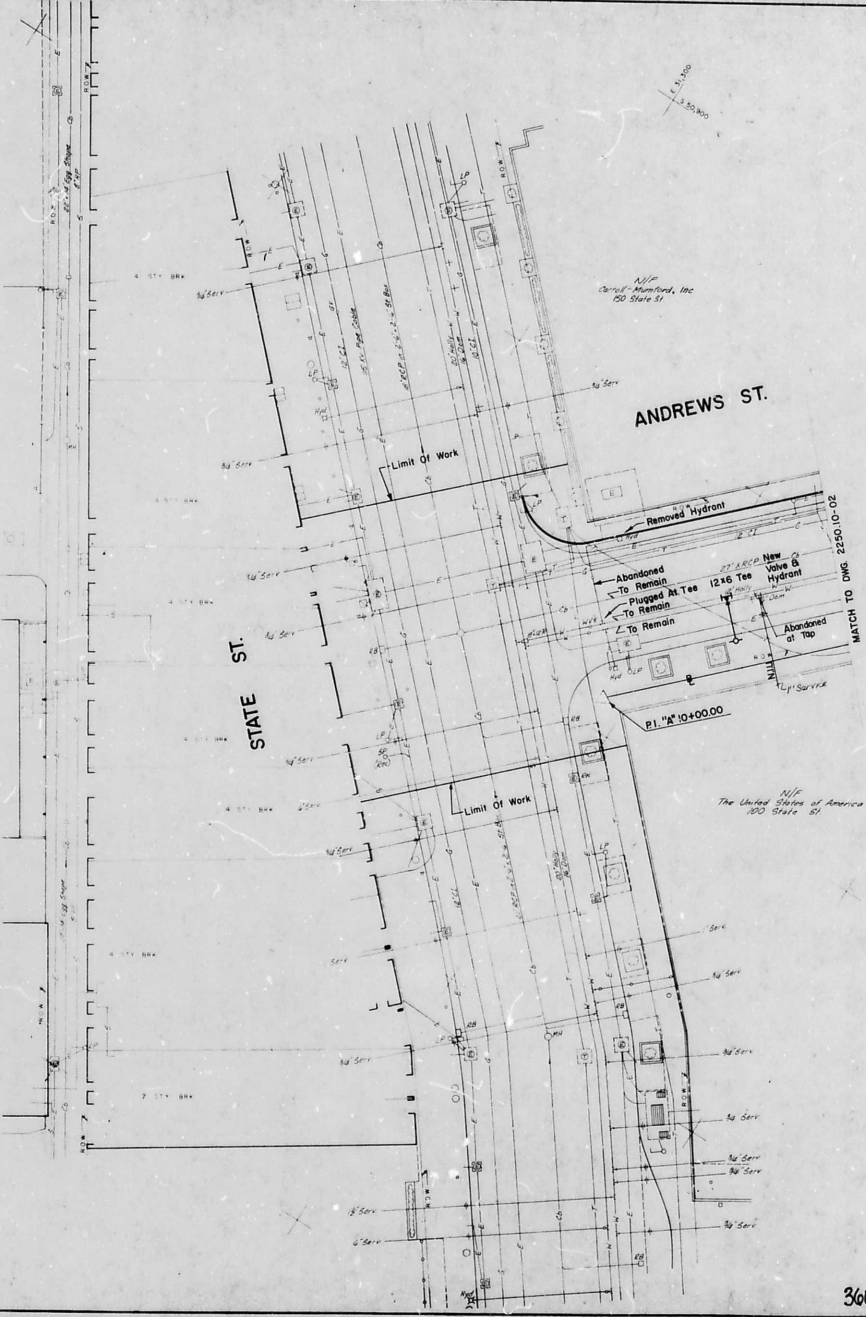
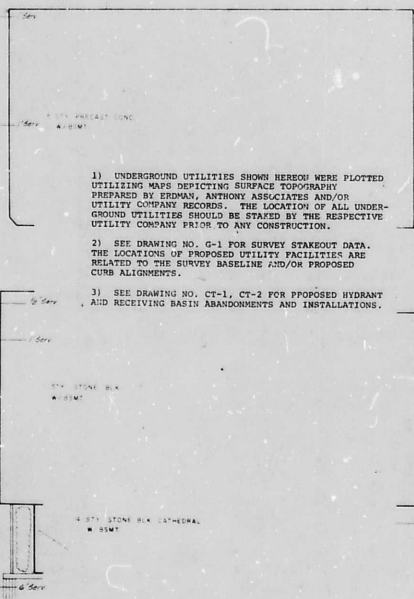
CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE:
PLAN & PROFILE

SCALE: 1" = 5' HORIZ. 1" = 5' VERT.	DES. BY: P.E. V.T. HC:Z DR. BY: S.C.D.	DRAWING NO. P-5
DATE ISSUED: APRIL, 1980	CKD BY: [Signature] DATE: 5-6-80	SHEET NO. 24 OF 48



- 1) UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED UTILIZING MAPS DEPICTING SURFACE TOPOGRAPHY PREPARED BY EIDMAN, ANTHONY ASSOCIATES AND/OR UTILITY COMPANY RECORDS. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOULD BE STAKED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO ANY CONSTRUCTION.
- 2) SEE DRAWING NO. G-1 FOR SURVEY STAKEOUT DATA. THE LOCATIONS OF PROPOSED UTILITY FACILITIES ARE RELATED TO THE SURVEY BASELINE AND/OR PROPOSED CURB ALIGNMENTS.
- 3) SEE DRAWINGS NO. CT-1, CT-2 FOR PROPOSED HYDRANT AND RECEIVING BASIN ABANDONMENTS AND INSTALLATIONS.



SEAR·BROWN ASSOCIATES, P.C.

PROJECT NUMBER: **G.K.G.**
 DRAWN BY: **DB, SW**
 DATE: **APRIL, 1979**
 SCALE: **1"=20'**
 DATE: **2/11/80**

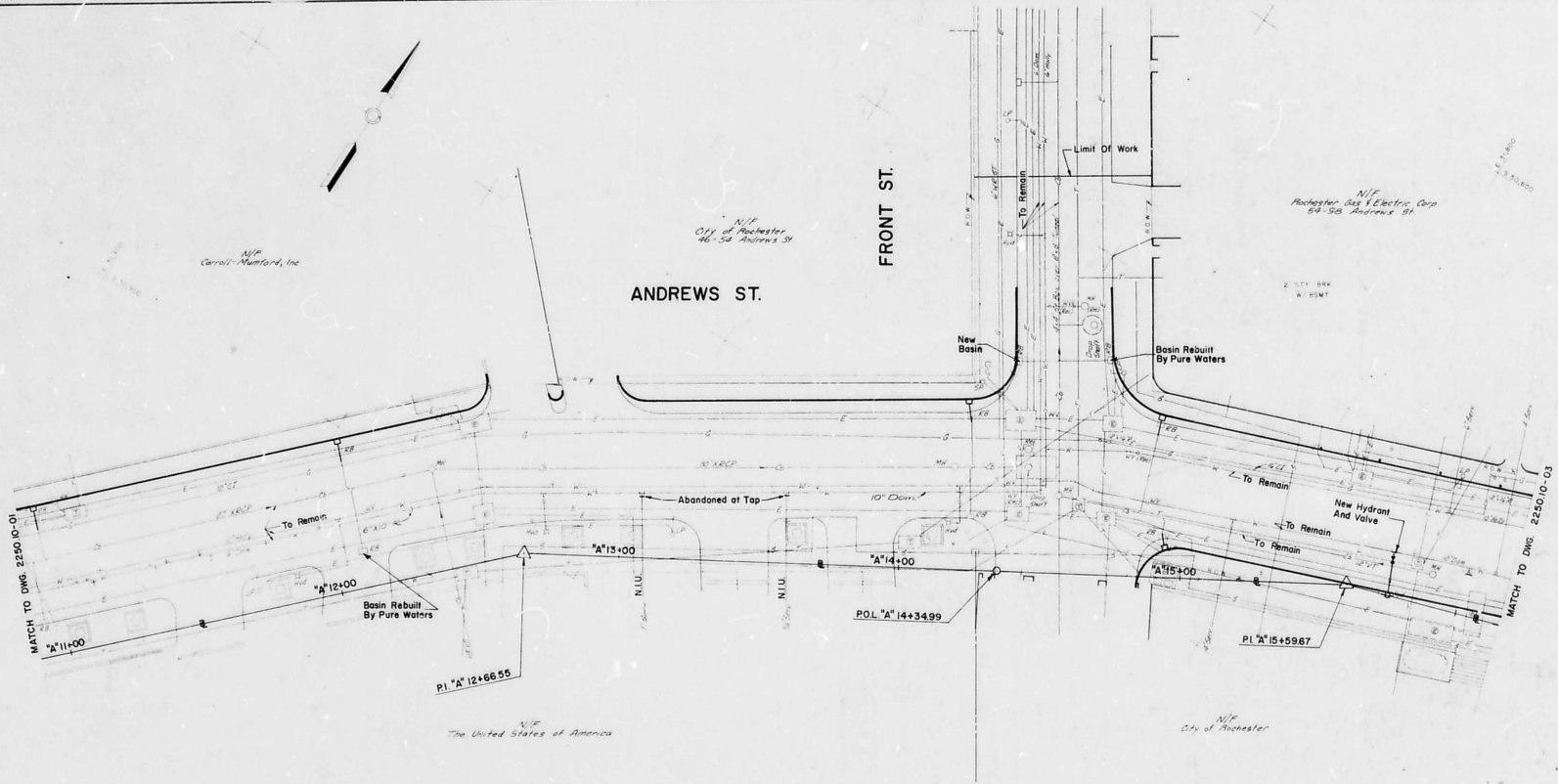
PROJECT: **DOWNTOWN STREET PLAN AND ANDREWS ST. - STATE ST. to FRANKLIN ST. UTILITY PLAN**
 PREPARED BY: **UTILITY PLAN**
 CITY OF ROCHESTER, MONROE COUNTY, NY
 COUNTY: **CITY OF ROCHESTER**

DRAWING NO: **2250.10-01**
 SHEET: **U-1**
 SHEET 25 OF 48

NO.	REVISIONS	DATE
1		
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DRAWING ALTERATION
 This drawing is to be used for the project unless otherwise noted.
 It is the responsibility of the user to verify the accuracy of the information shown on this drawing.
 No warranty is made by the engineer for the use of this drawing for any purpose other than that for which it was prepared.
 The engineer shall not be held responsible for any errors or omissions in this drawing or for any consequences arising therefrom.
 The engineer shall not be held responsible for any damage or injury to persons or property resulting from the use of this drawing.
 The engineer shall not be held responsible for any consequences arising from the use of this drawing for any purpose other than that for which it was prepared.

3601-069-15700-406-21-D



N/E
Corrall-Namford, Inc

N/E
City of Rochester
46-54 Andrews St

N/E
Rochester Gas & Electric Corp
54-56 Andrews St

N/E
The United States of America

N/E
City of Rochester

DRAWING ALTERATION
 This drawing was prepared by the undersigned on the date indicated below and is subject to the following:
 1. It is a condition of this contract that the contractor shall be responsible for checking the accuracy of the data furnished hereon and for making any necessary corrections.
 2. It is the responsibility of the contractor to check the accuracy of the data furnished hereon and for making any necessary corrections.
 3. It is the responsibility of the contractor to check the accuracy of the data furnished hereon and for making any necessary corrections.
 4. It is the responsibility of the contractor to check the accuracy of the data furnished hereon and for making any necessary corrections.
 5. It is the responsibility of the contractor to check the accuracy of the data furnished hereon and for making any necessary corrections.

NO.	DATE	BY	REVISIONS
7			
6			
5			
4			
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2			
1			

Michael Brennan

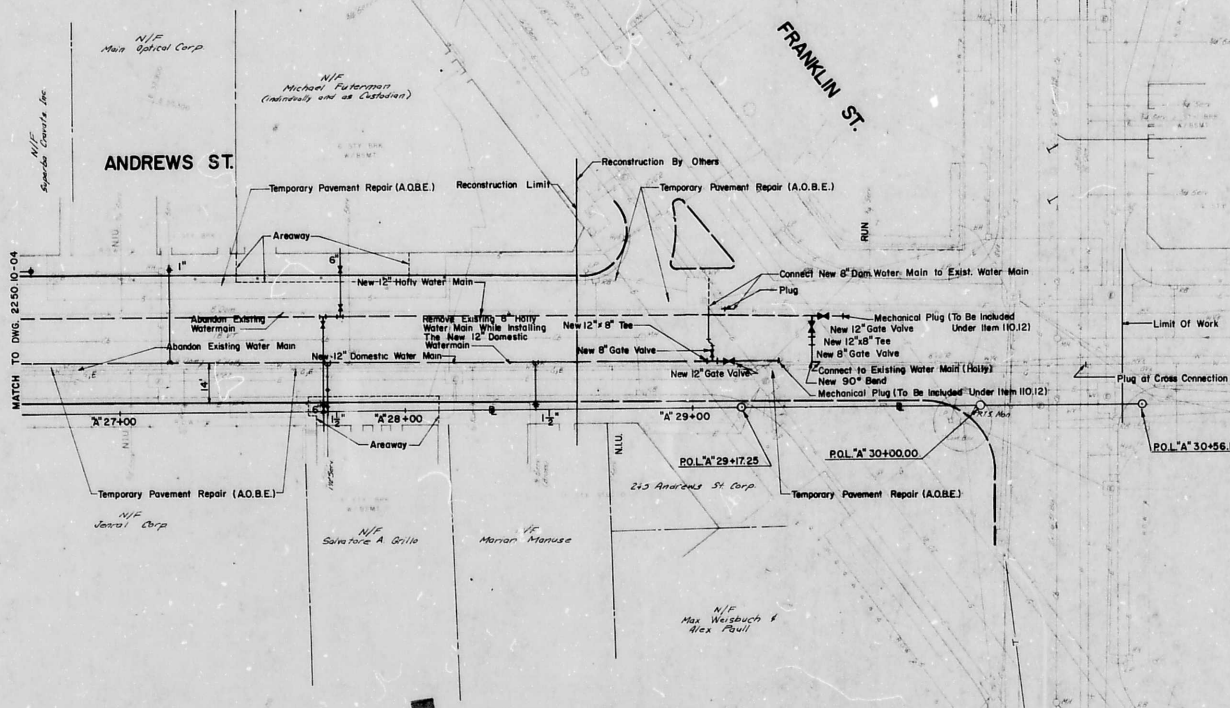
PROJECT NUMBER: G.A.G.
 DRAWN BY: D.B., S.W.
 DATE: APRIL 1979
 SCALE: 1" = 20'
 DRAWN BY: z/lh/lcc

SEAR · BROWN
 ASSOCIATES, P.C.
 200 WEST 10TH STREET
 SUITE 200
 ROCHESTER, N.Y. 14604

TITLE OF PROJECT: DOWNTOWN STREET PLAN
 AND ANDREWS ST. - STATE ST. to FRANKLIN ST.
 UTILITY PLAN
 LOCATION OF PROJECT:
 CITY OF ROCHESTER, MONROE COUNTY, NY
 CLIENT:

DRAWING NO:
2250.10-02
 U-2
 SHEET 26 OF 48

- 1) UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED UTILIZING MAPS DEPICTING SURFACE TOPOGRAPHY PREPARED BY EDMAN, ANTHONY ASSOCIATES AND/OR UTILITY COMPANY RECORDS. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOULD BE STATED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO ANY CONSTRUCTION.
- 2) SEE DRAWING NO. G-1 FOR SURVEY STAKEOUT DATA. THE LOCATIONS OF PROPOSED UTILITY FACILITIES ARE RELATED TO THE SURVEY BASELINE AND/OR PROPOSED CURB ALIGNMENTS.
- 3) SEE DRAWING NO. CT-1, CT-2 FOR PROPOSED HYDRANT AND RECEIVING BASIN ABANDONMENTS AND INSTALLATIONS.



- 1) UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED UTILIZING MAPS DEPICTING SURFACE TOPOGRAPHY PREPARED BY ERDMAN, ANTHONY ASSOCIATES AND/OR UTILITY COMPANY RECORDS. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOULD BE STAKED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO ANY CONSTRUCTION.
- 2) SEE DRAWING NO. G-1 FOR SURVEY STAKEOUT DATA. THE LOCATIONS OF PROPOSED UTILITY FACILITIES ARE RELATED TO THE SURVEY BASELINE AND/OR PROPOSED CURB ALIGNMENTS.
- 3) SEE DRAWING NO. CT-1, CT-2 FOR PROPOSED HYDRANT AND RECEIVING BASIN ABANDONMENTS AND INSTALLATIONS.
- 4) EXISTING DOMESTIC AND HOLLY WATER SERVICES SHALL BE MAINTAINED DURING INSTALLATION OF NEW WATERMAINS. TEMPORARY SHUT DOWNS OF EXISTING WATERMAINS SHALL BE COORDINATED WITH THE WATER BUREAU AND CUSTOMERS AFFECTED BY THE SHUT DOWNS.
- 5) ALL BENDS AND THE LOCATIONS DETAILED ARE SCHEMATIC ONLY. ACTUAL BENDS REQUIRED SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION.

REVISIONS	
NO.	DESCRIPTION
1	ADD (N/A) 15' (Covered Water) Sec.
2	AS SHOWN BY E.A.A.
3	ADD (N/A) 15' (Covered Water) Sec.
4	
5	
6	
7	

DATE: 2/18/80

SCALE: 1" = 20'

PROJECT: 2250.10-24

DRWING NO: U-5

SHEET 29 OF 48

SEAR·BROWN
ASSOCIATES, P.C.

ENGINEERS & ARCHITECTS

250 WEST 10TH STREET, SUITE 200
ROCHESTER, N.Y. 14602

DATE: AUGUST, 1979

BY: G.K.G.

CHECKED BY: D.B. SM. CR.

SCALE: 1" = 20'

RECORD DRAWINGS
3601-073-15700-404-21-D

DRWING NO: U-5

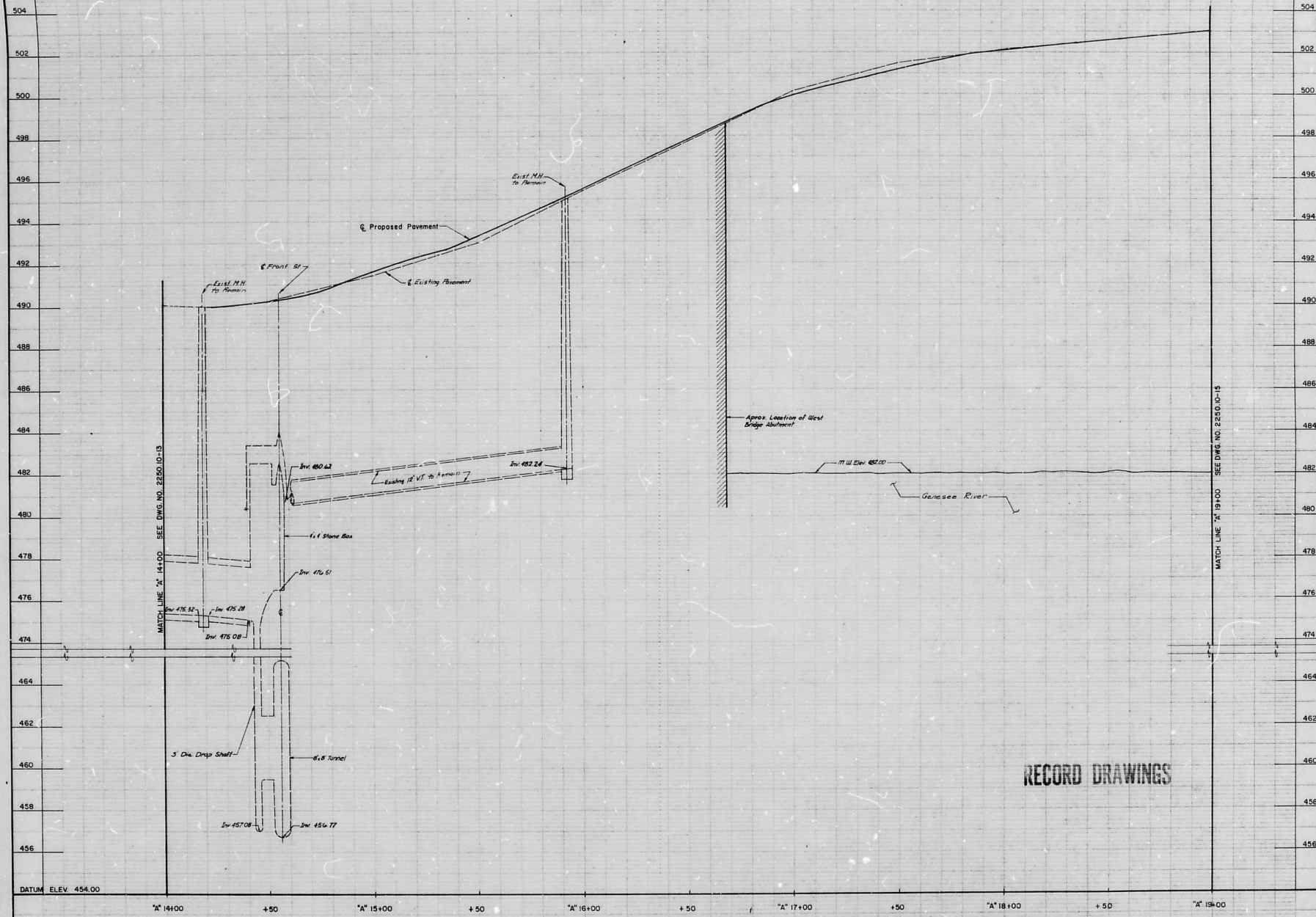
SHEET 29 OF 48

DRWING NO: 2250.10-24

U-5

SHEET 29 OF 48

CITY OF ROCHESTER



DRAWING ALTERATION
 No. 1
 Date: 1/15/00
 Description: See notes on drawing for details of proposed pavement to be laid on the existing pavement. A check of the existing pavement was made on 1/15/00 and it was found to be in good condition. The existing pavement will be replaced by the proposed pavement. The existing pavement will be replaced by the proposed pavement. The existing pavement will be replaced by the proposed pavement.

NO.	DATE	BY
7		
6		
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3		
2		
1		

Handwritten signature

DESIGNED BY
 G. K. G.
DRAWN BY
 J. S. M.
CHECKED BY
 APRIL, 1979
SCALE
 HORIZ. 1" = 20' HORIZ.
 VERT. 1" = 5' VERT.
 DATE
 2/18/80

SEAR · BROWN
 SCHOMBERG · COSTICH · MALETTA
 ENGINEERS · ARCHITECTS · PLANNERS
 100 N. ZEEB ST. ROCHESTER, N.Y. 14609
 TEL. 584-1100

TITLE OF PROJECT
 DOWNTOWN STREET PLAN
 ANDREWS ST. - STATE ST. to FRANKLIN ST.
UTILITY PROFILE
SECTION OF PROJECT
 CITY OF ROCHESTER, MONROE COUNTY, NY
TOWN
 CITY OF ROCHESTER

DRAWING NO.
 2250.10-14

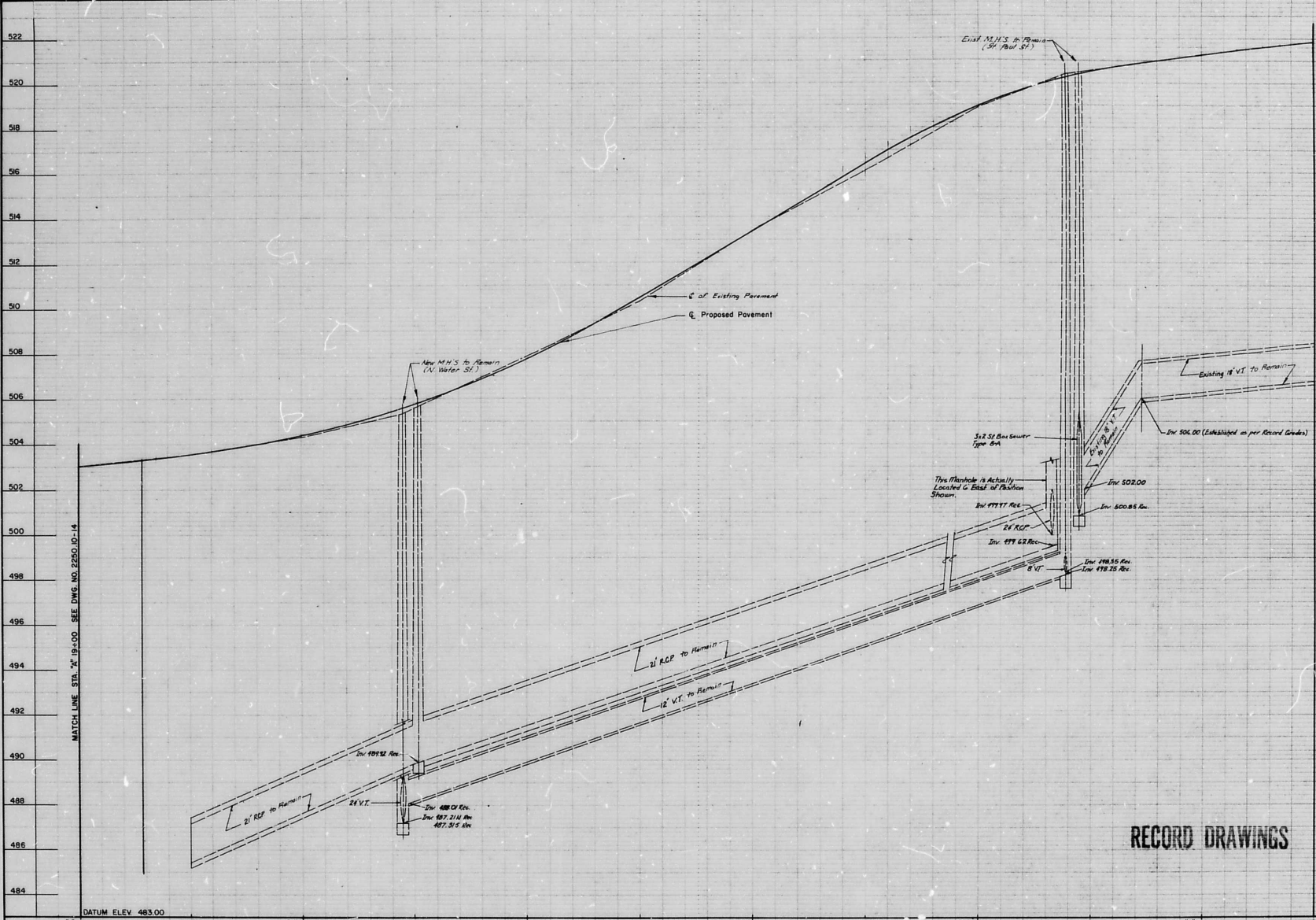
U - 7

SHEET 31 OF 48

ANDREWS STREET UTILITY PROFILE

3601-075-10000-406-21-D

RECORD DRAWINGS



MATCH LINE STA. 19+00 SEE DWG. NO. 2250.10-14

MATCH LINE STA. 24+00 SEE DWG. NO. 2250.10-16

DRAWING ALTERATION
 NUMBER DATE BY
 1 1/18/80
 2 2/18/80
 3 3/18/80
 4 4/18/80
 5 5/18/80
 6 6/18/80
 7 7/18/80

NO.	DATE	BY	REVISIONS
1	1/18/80	AS	As Built by E.A.A.
2	2/18/80		
3	3/18/80		
4	4/18/80		
5	5/18/80		
6	6/18/80		
7	7/18/80		

Approved
 [Signature]

SEAR · BROWN
 SCHÖENBERGER · CUSTICH · MALETTA

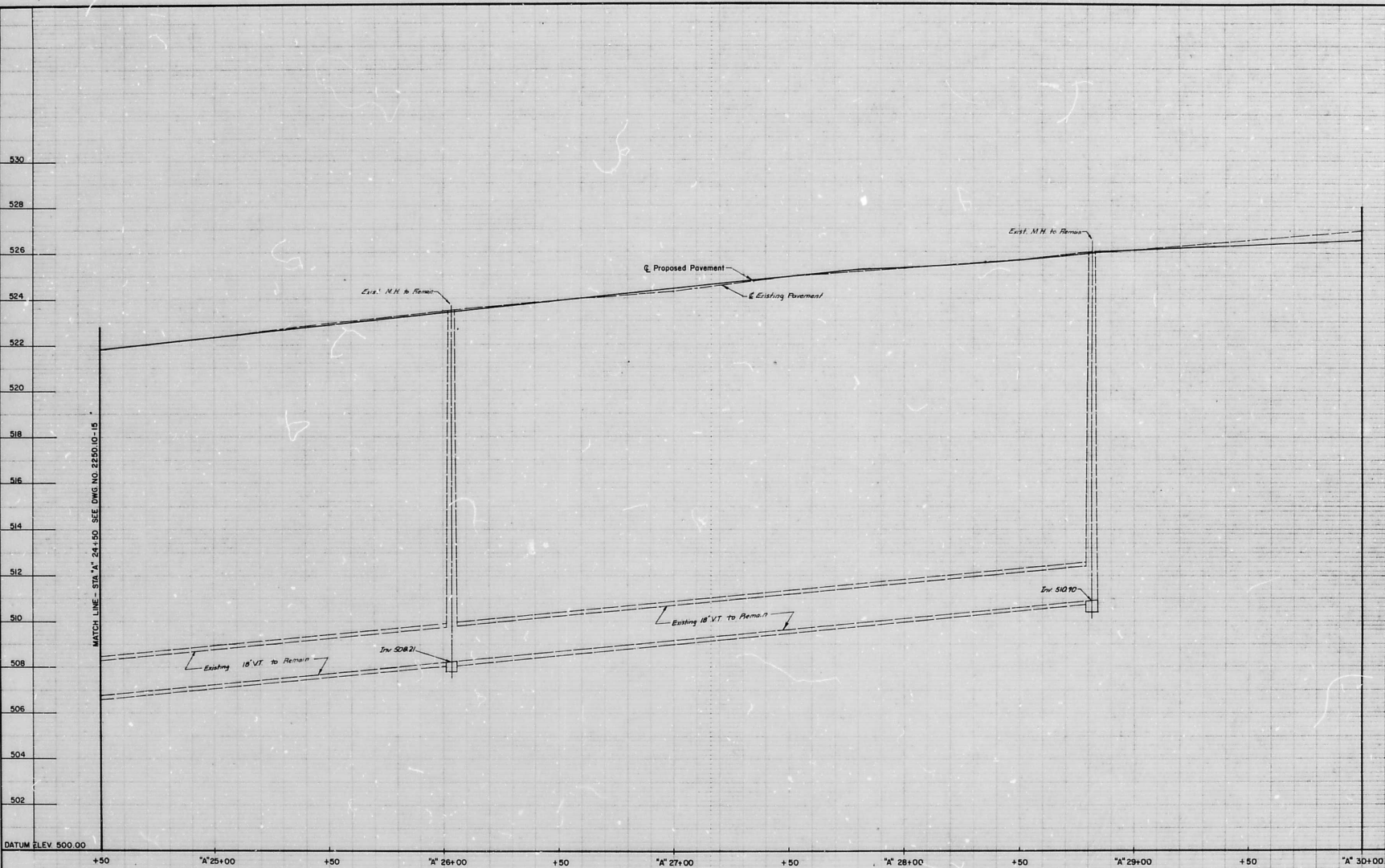
DATE OF RECORD: DOWNTOWN STREET PLAN
 PROJECT NO.: 3601-07G-10000-406-21-D
 CITY OF ROCHESTER, MONROE COUNTY, N.Y.

RECORD DRAWINGS

ANDREWS STREET UTILITY PROFILE

3601-07G-10000-406-21-D

DRAWING NO.: 2250.10-15
 U-8
 SHEET 32 OF 48



MATCH LINE - STA. "A" 24+50 SEE DWG. NO. 2250.10-15

DATUM ELEV. 500.00 +50 "A" 25+00 +50 "A" 26+00 +50 "A" 27+00 +50 "A" 28+00 +50 "A" 29+00 +50 "A" 30+00

ANDREWS STREET UTILITY PROFILE

DRAWING ALTERATION
 The Designer, Engineer, Architect, etc. shall be responsible for all alterations to this drawing. The Designer, Engineer, Architect, etc. shall be responsible for the accuracy of the information shown on this drawing. The Designer, Engineer, Architect, etc. shall be responsible for the accuracy of the information shown on this drawing. The Designer, Engineer, Architect, etc. shall be responsible for the accuracy of the information shown on this drawing.

NO.	DATE	REVISIONS
1		
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9		
10		

Handwritten signature

G.K.G.
 PROJECT ENGINEER
 D.S.M.
 DATE
 APRIL 1979
 SCALE
 1" = 20' HORIZ.
 1" = 10' VERT.
 DATE
 2/10/80

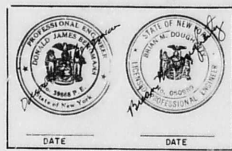
SEAR · BROWN
 SCROENBERGER · CUSTICH · WALETIA

TITLE OF PROJECT
 DOWNTOWN STREET PLAN
 ANDREWS ST. - STATE ST. - FRANKLIN ST.
 CITY OF ROCHESTER
 COUNTY
 CITY OF ROCHESTER

DRAWING NO.
2250.10-16
 U-9
 SHEET 33 OF 48

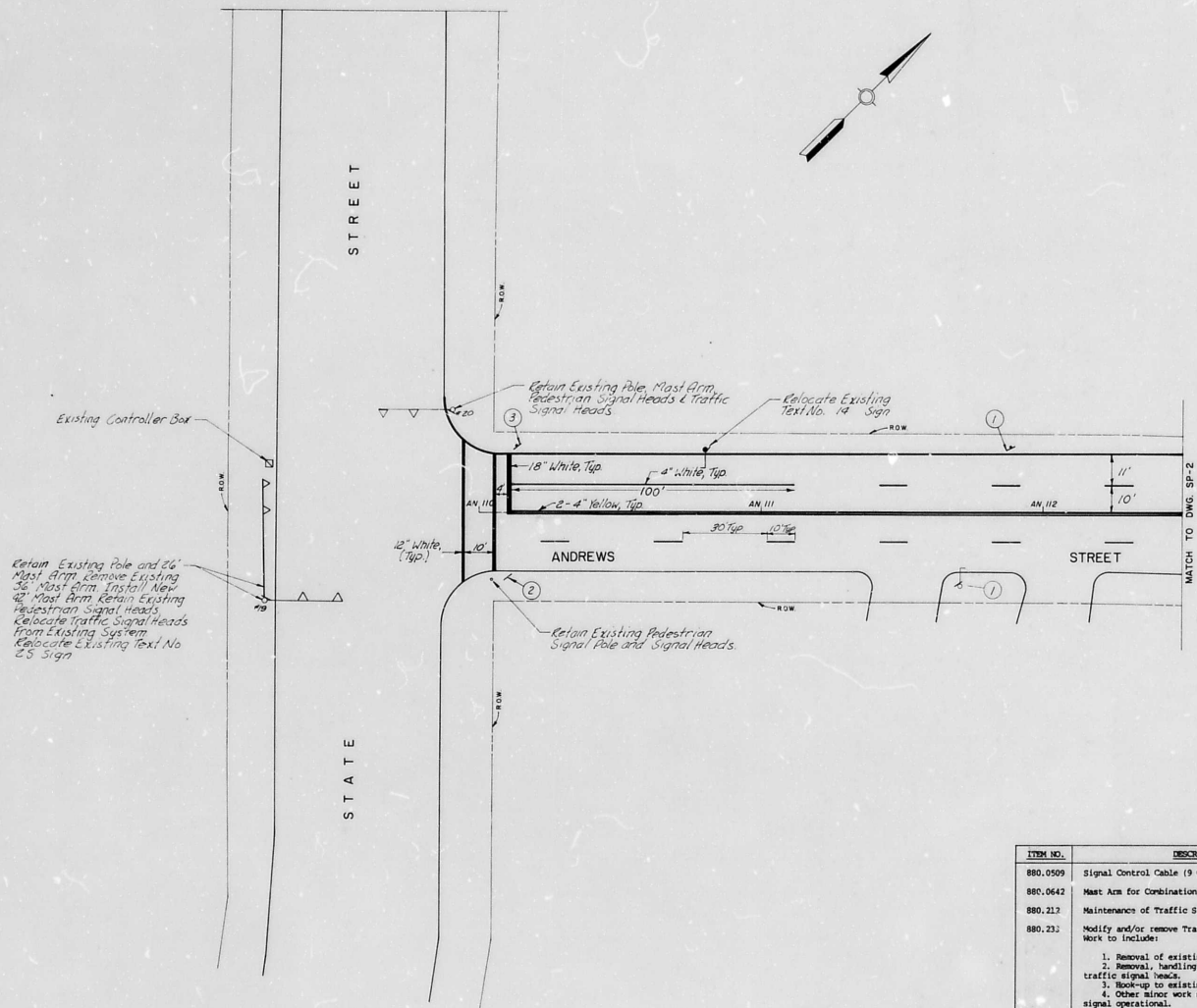
RECORD DRAWINGS

360-077-10000-406-21-D



NOTE:
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS
 DRAWING IS A VIOLATION OF THE NEW YORK
 STATE EDUCATION LAW ARTICLE 145, SECTION
 7209.

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.
1	11-25-82	PARKING REGULATION SIGNS	S.E.P.	V.C.
2	4-7-83	SIGN LOCATIONS	T.J.S.	R.C.
3	11/14/84	As Built		RWC



ITEM NO.	DESCRIPTION	UNIT	QUANTITY
880.0509	Signal Control Cable (9 Conductor, #14 A.W.G.)	L.F.	150
880.0642	Mast Arm for Combination Traffic Signal Pole-42 Ft.	ea.	1
880.212	Maintenance of Traffic Signalized Intersections	1	254
880.232	Modify and/or remove Traffic Signal Equipment. Work to include: 1. Removal of existing 36" mast arm. 2. Removal, handling and reinstallation of traffic signal heads. 3. Hook-up to existing controller. 4. Other minor work necessary to make the signal operational.	1	254

Note: Signs Not Shown Mounted On Separate Pole To Be Mounted On Light Pole

(N) Text No. New Sign Location Parking Regulations

RECORD DRAWINGS

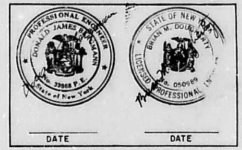
3601-078-10000-406-21-D
 PROJECT NAME:

DOWNTOWN STREET PLAN
 ANDREWS STREET
 STATE ST. TO FRANKLIN ST.

CLIENT:
 CITY OF ROCHESTER
 DEPARTMENT OF ENGINEERING
 AND MAINTENANCE

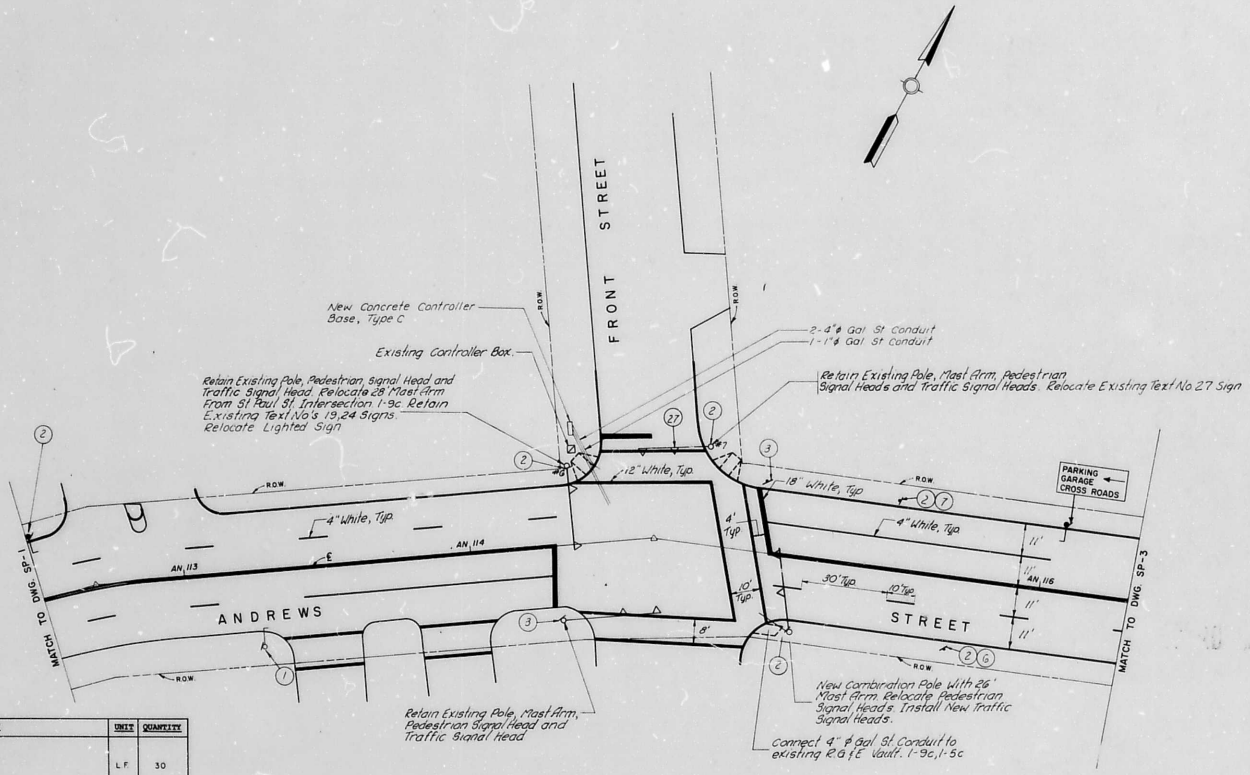
DRAWING TITLE:
 SIGNAL, STRIPING
 & SIGNING PLAN

SCALE: 1" = 20'	DES. BY: P.F.V.	DRAWING NO. SP-1
DATE ISSUED: APRIL, 1980	CHK'D BY: J.A.P.	SHEET NO. 34 of 48
	DATE: 5-6-80	



NOTE:
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS					
NO.	DATE	DESCRIPTION	REV.	CHK'D.	
1		11-25-80 PARKING REGULATION SIGNS	S.E.P.	V.C.	
2		4-7-81 SIGN LOCATIONS	T.J.S.	R.C.	
3		11/28/82 As Built		RWC	



ITEM NO.	DESCRIPTION	UNIT	QUANTITY
870.2301	1" Ø Galvanized Steel Conduit	L.F.	30
870.2304	4" Ø Galvanized Steel Conduit	L.F.	100
880.0317	Combination Traffic Signal Pole	ea.	1
880.0328	Concrete Base for Signal Pole, Anchor Bolt (Type C)	ea.	1
880.0563	Signal Control Cable (5 conductor, #14 AWG)	L.F.	150
880.0509	Signal Control Cable (9 conductor, #14 AWG)	L.F.	325
880.4501	Concrete Base for Controller & Cabinet	no.	1
880.212	Maintenance of Traffic Signalized Intersections	1	25
880.3032	Traffic Signal Head (one way, three section, 12" lens)	ea.	2
880.223	Modify and/or remove Traffic Signal Equipment. Work to include: 1. Removal of Combination Signal Pole. 2. Removal of 34' Mast Arm. 3. Relocation of 28' Mast Arm from St. Paul St. Intersection. 4. Removal, handling and reinstallation of traffic signal heads and pedestrian signal heads. 5. Hook-up to existing controller. 6. Other minor work necessary to make the signal operational.	1	258

RECORD DRAWINGS

Note: Signs Not Shown Mounted on Separate Pole To Be Mounted On Light Pole

Text No. New Sign Location Parking Regulations

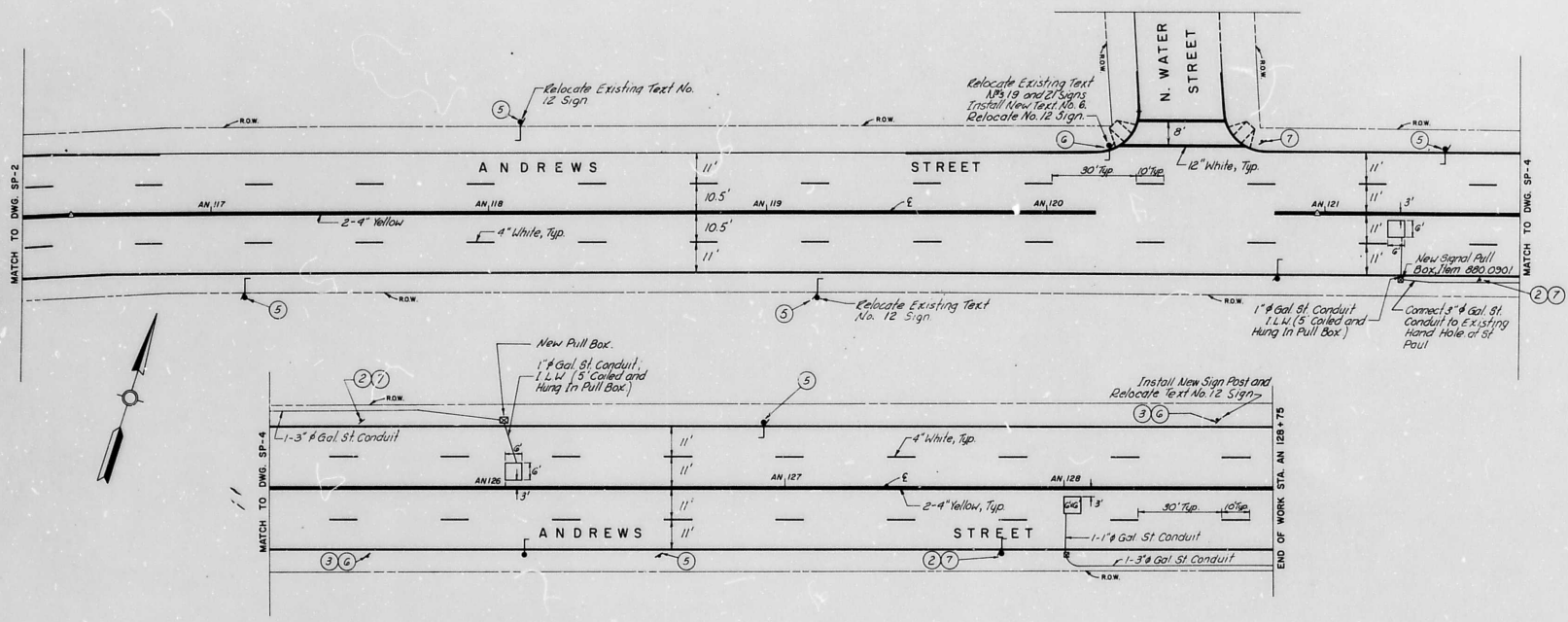
3601-079-70000-406-21-D
 PROJECT NAME:

DOWNTOWN STREET PLAN
 ANDREWS STREET
 STATE ST. TO FRANKLIN ST.


CLIENT:
 CITY OF ROCHESTER
 DEPARTMENT OF ENGINEERING
 AND MAINTENANCE



DRAWING TITLE:
 SIGNAL, STRIPING
 & SIGNING PLAN

SCALE: 1" = 20'	DES. BY: P.E.R.	DRAWING NO. SP-2
DATE ISSUED: APRIL, 1980	DR. BY: J.A.F.	SHEET NO. 35 of 48
	CK'D BY: [Signature]	
	DATE: 5-16-80	



ITEM NO.	DESCRIPTION	UNIT	QUANTITY
870.2301	1" # Galvanized Steel Conduit	L.F.	10
870.2303	3" # Galvanized Steel Conduit	L.F.	400
880.0901	Pull Box	ea.	2
880.11	Inductance Loop Wire	L.F.	225
880.13	Inductance Loop Installation	L.F.	90


**ERDMAN
ANTHONY
ASSOCIATES**
 CONSULTING ENGINEERS & PLANNERS
 ROCHESTER, N.Y. CAMP HILL, PA.

DATE _____ DATE _____

NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.
1		4-25-80 PARKING REGULATION SIGNS	S.E.P.	V.C.
2		4-7-81 SIGN LOCATIONS	T.J.S.	R.C.
3		WABC As Built		R.W.C.

RECORD DRAWINGS

Note: Signs Not Shown Mounted On Separate Pole To Be Mounted On Light Pole

(No.) Text No. New Sign Location Parking Regulations

3601-080-70000-406-21-D
PROJECT NAME:

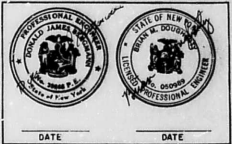
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.

CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE:

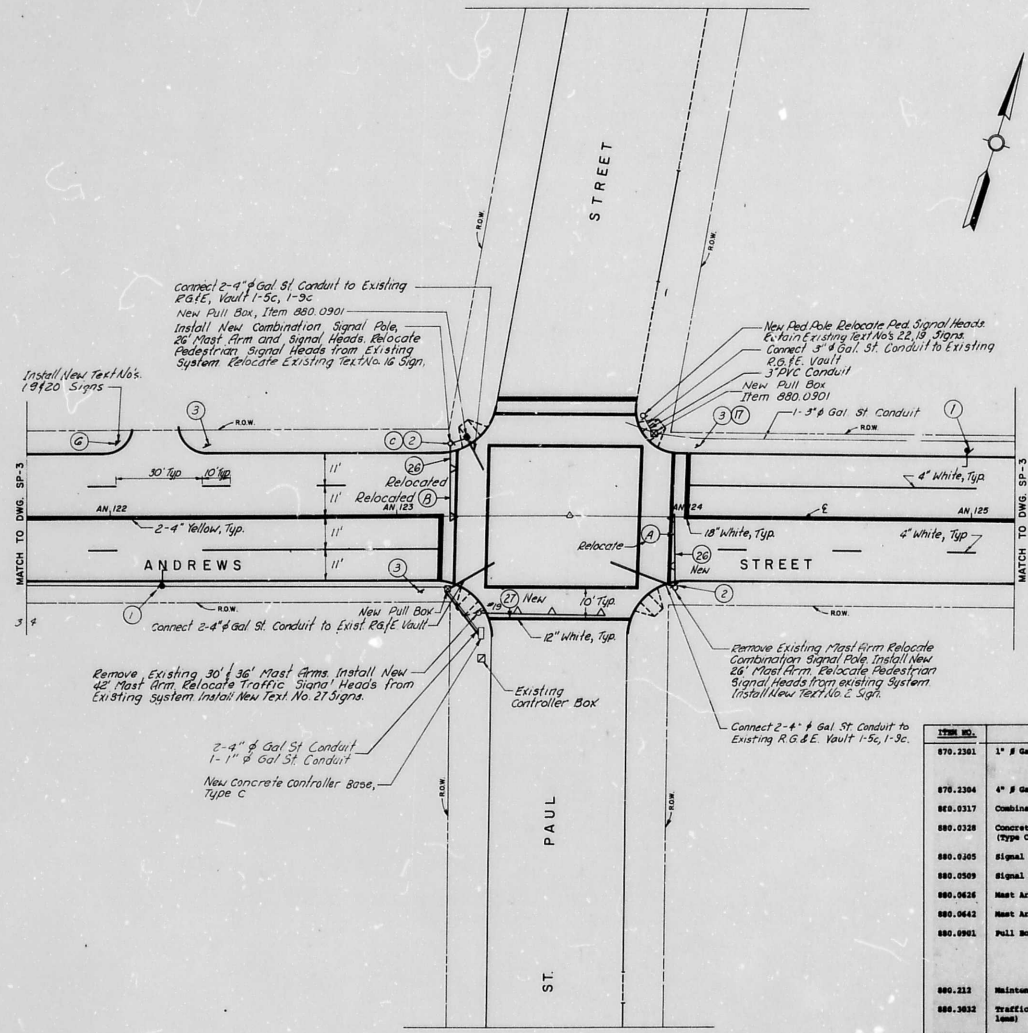
SIGNAL, STRIPING
& SIGNING PLAN

SCALE: 1" = 20'	DES. BY: P.E. P.L. DR. BY: J.A.P.	DRAWING NO. SP - 3
DATE ISSUED: APRIL, 1980	CHK'D BY: J.M.P. DATE: 5-6-80	SHEET NO. 36 of 48



NOTE:
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS					
NO.	DATE	DESCRIPTION	REV.	CHK'D.	
1		11-25-80 PARKING REGULATION SIGNS	S.E.P.	VC	
2		4-7-81 SIGN LOCATIONS	T.J.S.	R.C.	
3		11-18-81 As Built	J.R.C.	ENC	



- (A) NO LEFT TURN
- (B) NO RIGHT TURN
- (C) ONE WAY

LOANED BY COUNTY

RECORD DRAWINGS

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
870.2301	1" # Galvanized Steel Conduit	L.F.	25
870.2304	4" # Galvanized Steel Conduit	L.F.	200
880.0317	Combination Traffic Pole	ea.	1
880.0328	Concrete Base for Signal Pole, Anchor Bolt (Type C)	ea.	2
880.0305	Signal Control Cable (5 conductor, #14 AWG)	L.F.	375
880.0509	Signal Control Cable (9 conductor, #14 AWG)	L.F.	400
880.0626	Mast Arm for Combination Signal Pole - 26'	ea.	2
880.0642	Mast Arm for Combination Signal Pole - 42'	ea.	1
880.0901	Pull Box	ea.	2
880.212	Maintenance of Traffic Signalized Intersections		500
880.2832	Traffic Signal Head (one way, three section, 12" lens)	ea.	2
880.4501	Concrete Base for Controller and Cabinet	ea.	1
880.233	Modify and/or remove traffic signal equipment. Work to include: 1. Removal of 28', 30' and 36' Mast Arms. 2. Relocation of Combination traffic signal Pole. 3. Removal, handling and reinstallation of traffic signal heads and pedestrian signal heads. 4. Hook-up to existing controller. 5. Other minor work necessary to make the signal operational.	ea.	500

Note: Signs Not Shown Mounted On Separate Pole To Be Mounted On Light Pole

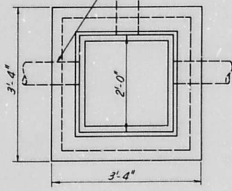
(No) Text No. New Sign Location Parking Regulation

3601-081-7000-406-21-D
 PROJECT NAME:
 DOWNTOWN STREET PLAN
 ANDREWS STREET
 STATE ST. TO FRANKLIN ST.
 CLIENT:
 CITY OF ROCHESTER
 DEPARTMENT OF ENGINEERING
 AND MAINTENANCE

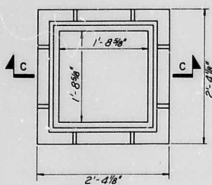
DRAWING TITLE:
 SIGNAL, STRIPING
 & SIGNING PLAN

SCALE: 1" = 20'	DES BY: P.E. VL	DRAWING NO.: SF-4
DATE ISSUED: APRIL, 1980	DR BY: J.A.P.	SHEET NO.: 37 of 48

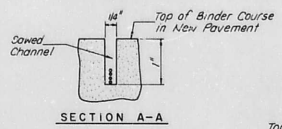
Typical arrangement of Duct Entrances. Ducts may enter the Pull Box at any angle or location at the specified depth and should be approx 3" above the floor of the Pull Box.



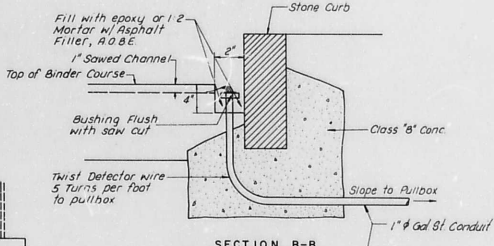
PULL BOX PLAN



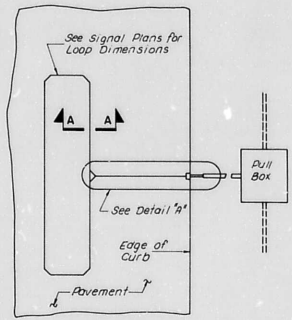
PLAN-PULL BOX FRAME



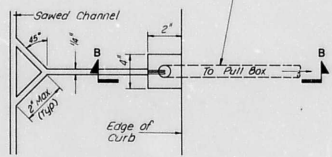
SECTION A-A



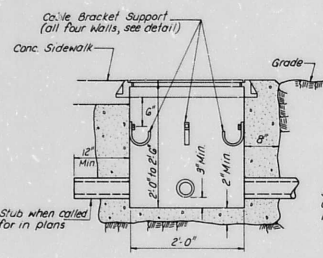
SECTION B-B



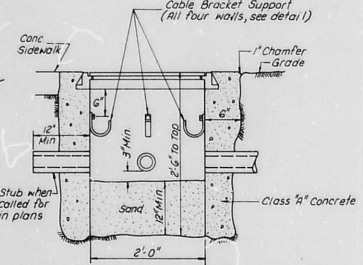
PLAN



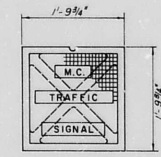
DETAIL "A"



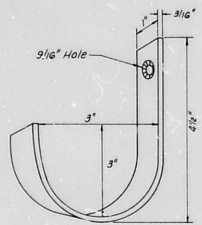
PULL BOX SECTION - IN ROCK



PULL BOX SECTION - IN EARTH



PULL BOX COVER



STEEL CABLE BRACKET SUPPORT (HOT DIPPED GALVANIZED)

SECTION C-C
WT. COVER=90 LBS. (MIN.)
WT. FRAME=110 LBS. (MIN.)

PULL BOX DETAILS - ITEM 880.0901

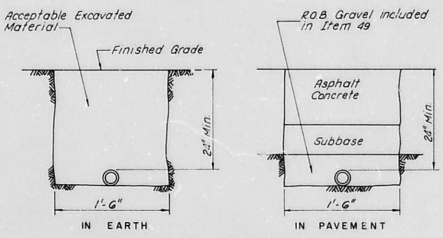
**INDUCTANCE LOOP PLACEMENT & INSTALLATION DETAILS
ITEM 880.13**

LOOP PLACEMENT NOTES:

- All sawed channels shall be straight and to the depth and lengths indicated on plans or A.B.E.
- Corner cuts shall be made on a 45 degree angle, not to exceed 2" along the sides of the loop.
- Wire to be used shall conform to NYSDOT Material Specification 725.20. Wire is paid for under Item 880.11. Each loop shall consist of one continuous length of wire running around the Pull Box. The wire laid in the sawed channel, to and including the loop, shall be depressed and restrained at the bottom of the channel until the epoxy binder or the joint seal asphalt compound has completely filled the channel and has commenced to set. No kinks or twists will be allowed in the wire laying process.
- The loop will be wired for Direct Detector Connection.
- All sealant material shall be approved by the Engineer.
- Contractor must provide a manufacturer's certification that the equipment furnished will operate specified size loops and lead-in lengths shown.

LOOP CHART

LOOP SIZE	TURNS PER LOOP
6' x 6'	3



EXCAVATION LINES FOR EITHER SINGLE OR DOUBLE CONDUIT RUNS - ITEM 49

PULL BOX NOTES:

- All conduit runs shall drain to hand hole.
- Drain all hand holes in rock to nearest storm water sewer.
- Ducts may enter the hand hole at any angle or location at the specified depth.
- Box covers may be 1/4" to 1" above grade outside shoulder area, flush with grade in shoulder area.
- Mesh reinforced precast manhole with imbedded frame acceptable alternate min. wall thickness 6" min. Concrete strength-3500 PSI in 28 days. 014 1'-10" x 10" knockout on three walls 3' up from the bottom.

ERDMAN ANTHONY ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

PROFESSIONAL ENGINEER
STATE OF NEW YORK
DATE _____

NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.

3601-082-10000-406-21-D
PROJECT NAME:

DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.


CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE:

TRAFFIC SIGNAL DETAILS

RECORD DRAWINGS

SCALE	DES BY	DATE	DRAWING NO.
NOT TO SCALE	SD	5-6-80	SD-1
DATE ISSUED:	CK'D BY	DATE	SHEET NO.
APRIL, 1980			38 OF 48











ERDMAN ANTHONY ASSOCIATES
 CONSULTING ENGINEERS & PLANNERS
 ROCHESTER, N.Y. CAMP HILL, PA.






 DATE _____ DATE _____

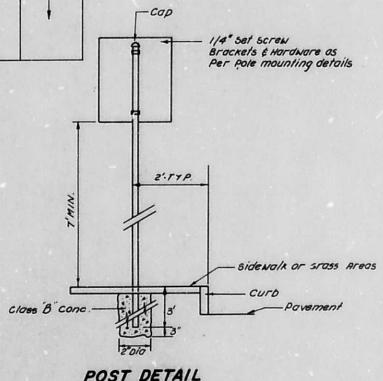
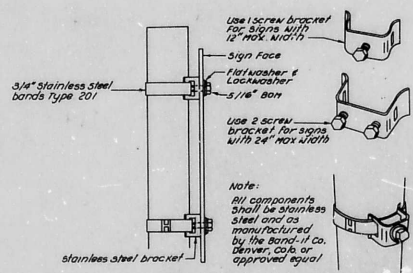
NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7205.

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	C'D.
1	11-25-80	SIGN TEXTS 1, 2, 3, 5, 6 & 7	5	E.P.
2	11-1-80	DELETE SIGN TEXTS 4 AND 9	5	T.U.S.

ITEM NO.	TEXT NO.	TEXT	LETTER SIZE	APPROX. SIZE OF SIGN	N.Y.S.M. U.T.C.D. NO.	COLOR	
						BACK-GROUND	CHARACTERS
845.2550	1		SEE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES	12" x 18" 1.5 S.F.	P 11	W. Refl.	R. Refl.
845.2550	2			12" x 18" 1.5 S.F.	P 11	W. Refl.	R. Refl.
845.2550	3			12" x 18" 1.5 S.F.	P 11	W. Refl.	R. Refl.
96	4	NO PARKING BETWEEN 11 AM AND 2 PM STREET CLEANING	EXISTING SIGN	12" x 18" 1.5 S.F.			R. Refl.
			DELETE				
845.2550	5		SEE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES	12" x 24" 2.0 S.F.	MONROE COUNTY		R. Refl.
			DELETE				
845.2550	6			12" x 24" 2.0 S.F.			R. Refl.
			DELETE				
845.2550	7			12" x 24" 2.0 S.F.			R. Refl.
			DELETE				
845.2550	9			12" x 18" 1.5 S.F.			R. Refl.
			DELETE				
96	12		EXISTING SIGN	18" x 24" 3.0 S.F.			R. Refl.
	13	NOT ASSIGNED					
96	14		EXISTING SIGN	36" x 30" 7.5 S.F.		W. Refl.	G. Refl.
	15	NOT ASSIGNED					

ITEM NO.	TEXT NO.	TEXT	LETTER SIZE	APPROX. SIZE OF SIGN	N.Y.S.M. U.T.C.D. NO.	COLOR	
						BACK-GROUND	CHARACTERS
96	16		EXISTING SIGN	36" x 36" 9.0 S.F.		W. Refl.	G. Refl.
96	17			36" x 36" 9.0 S.F.		W. Refl.	G. Refl.
96	18			36" x 36" 9.0 S.F.		W. Refl.	G. Refl.
96	19	ANDREWS ST	EXISTING SIGN			B. Refl.	W. Refl.
845.07	20	CARTHAGE AL	NAME-4" Series B OTHER-2" Series C	24" x 6" I.C. S.F.	MONROE COUNTY		
96	21	N. WATER ST	EXISTING SIGN				
96	22	ST PAUL ST					
96	23	STATE ST					
96	24	FRONT ST					
96	25	STATE		36" x 12" 3.0 S.F.			
96	26	ST PAUL					
96	27	ANDREWS	EXISTING SIGN				

NOTE: 1. ALL SIGNS SHALL BE LOCATED AND ERECTED IN ACCORDANCE WITH THE NEW YORK STATE M.U.T.C.D. LATEST REVISION.
2. SIGNS SHALL BE MOUNTED ON COMBINATION SIGNAL POLES OR LIGHT POLES WHEN POSSIBLE.



PIPE	LENGTH	TYPE
1/2"	As Req	Parking Signs With 24" Max. Width
2"	13'	Street Name Signs
2"	As Req	All Other Signs

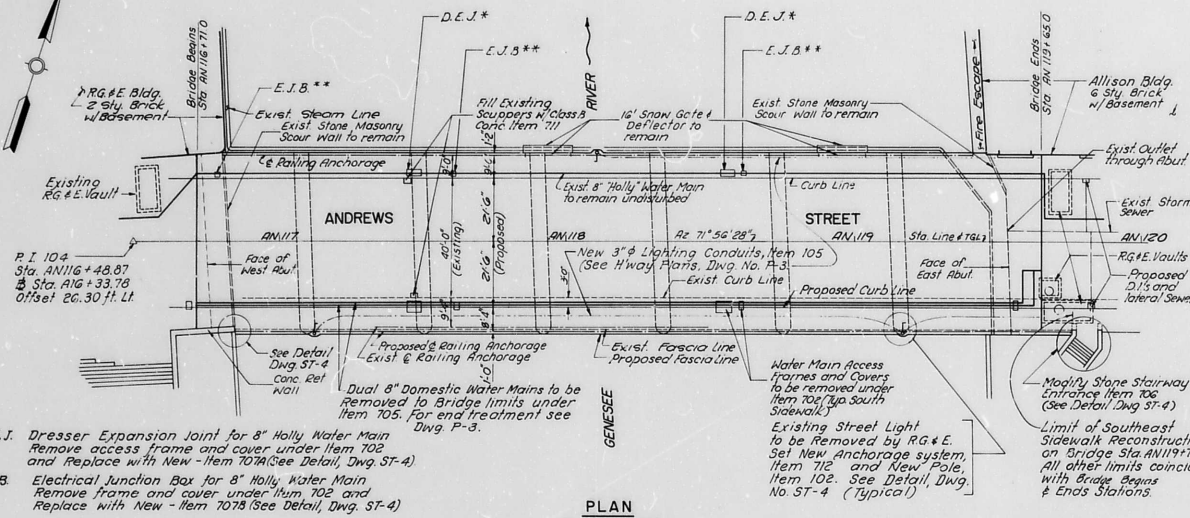
Note:
Use 1" screw bracket for mounting all signs on Posts

RECORD DRAWINGS

3601-084-70000-406-21-D
PROJECT NAME:
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE: SIGN TEXT DATA SHEET

SCALE:	DES BY:	DRAWING NO.:
NONE	J.J.F.	SD-3.
DATE ISSUED:	CHK BY:	SHEET NO.:
APRIL, 1980	J.R.P.	40 OF 48



PLAN
Scale: 1" = 20'

- * D.E.J. Dresser Expansion Joint for 8" Holly Water Main. Remove access frame and cover under Item 702 and Replace with New - Item 707A (See Detail, Dwg. ST-4)
- * E.J.B. Electrical Junction Box for 8" Holly Water Main. Remove frame and cover under Item 702 and Replace with New - Item 707B (See Detail, Dwg. ST-4)

GENERAL BRIDGE NOTES:

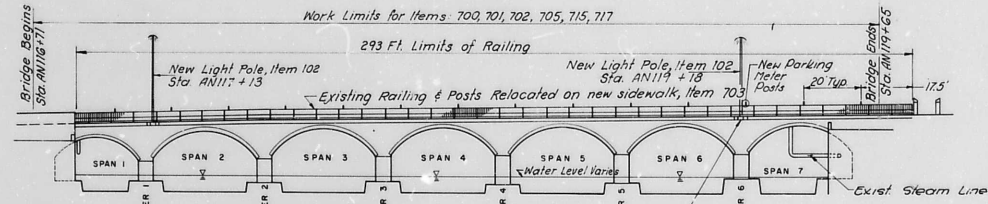
- DESIGN SPECIFICATIONS. ASHOTO, STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 1977.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT, DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO THE COMMENCEMENT OF WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS.
- THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE CITY, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH ARE TO REMAIN THE PROPERTY OF THE CITY, THE DAMAGED MATERIALS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- WHENEVER ITEMS IN THE CONTRACT REQUIRE MATERIALS TO BE REMOVED AND DISPOSED OF, THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THOSE ITEMS.
- DURING REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT BE ALLOWED TO DROP WASTE CONCRETE, DEBRIS AND OTHER MATERIAL TO THE AREA BELOW THE BRIDGE EXCEPT WHERE THE PLANS SPECIFICALLY PERMIT THE DROPPING OF MATERIAL. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH THE MATERIAL. IF THE ENGINEER DETERMINES THAT ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED.
- ALL MATERIAL FALLING ON THE AREA BELT 1 AND ADJACENT TO THE BRIDGE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- THE COST OF FURNISHING, INSTALLING, MAINTAINING, REMOVING AND DISPOSING OF ALL PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE UNIT BID PRICE OF THE APPROPRIATE ITEMS OF THE CONTRACT.
- THE SCHEDULE ON DRAWING NO. 5 INDICATES MASONRY JOINT CRACKS AND DEGRADATION NOTED DURING FIELD INSPECTION. MAJOR AREAS OF JOINT CRACKING AND DETERIORATION, KNOWN TO EXIST AT THE TIME OF CONTRACT PREPARATION, HAVE BEEN SHOWN TO INDICATE THE APPROXIMATE EXTENT OF REPAIRS NECESSARY BY THE CONTRACTOR.
- ALL DIMENSIONS, ELEVATIONS AND STATIONS ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO START OF WORK OR FABRICATION OF MATERIALS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- THE CONTRACTOR IS CAUTIONED THAT UTILITY LOCATIONS SHOWN ON THE PLANS ARE FROM INFORMATION AVAILABLE AT THE TIME. ONLY APPROXIMATE, POSSIBLY INCOMPLETE, AND MEANT ONLY AS A REFERENCE AND GUIDE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXTENT OF UTILITIES PRESENT IN THE WORK AREA AND THEIR EXACT LOCATION.

EA
ERDMAN
ANTHONY
ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

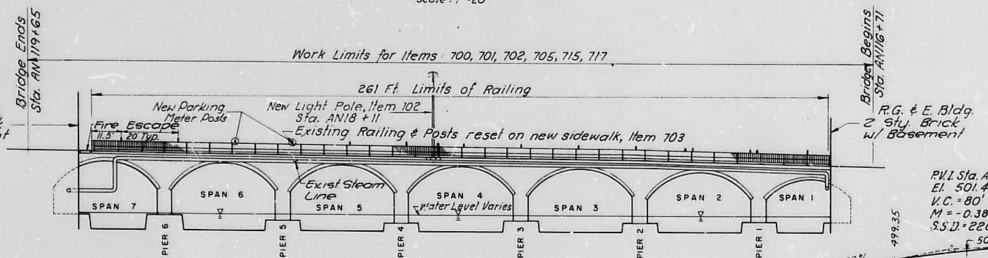


NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

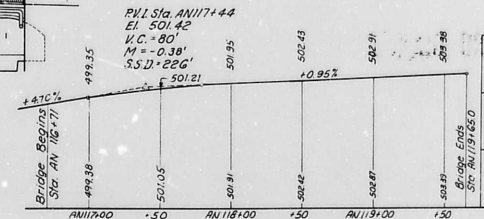
REVISIONS			
NO.	DATE	DESCRIPTION	REV. C/K/D
1		1/14/86 As Built	RNC



SOUTH FASCIA ELEVATION
Scale: 1" = 20'



NORTH FASCIA ELEVATION
Scale: 1" = 20'



PROFILE
Scale: 1" = 40' Horiz
1" = 10' Vert

3601-085-80000-406-21-D
PROJECT NAME:

DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
CLIENT:

CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE:
ANDREWS ST. BRIDGE
PLAN & PROFILE

SCALE: 1" = 20'	DES. BY: R.S.V.P.	DRAWING NO. ST-1
DATE ISSUED: APRIL, 1980	DR. BY: B.Z.	CHECKED BY: J.H.P.
	DATE: AUG. 79	SHEET NO. 41 of 48

2" I.D. Steel Pipe for Parking Meter
Item 703 (See Dwg ST-1 for locations)

Butt Weld and Grind Flt. 3/8"

(4) 1/2" Anchor Studs w/ 3 Nuts & Washers ea Thread top @ 2' Int. 2" Item 703 See Note N#2

Fractured Face
1/2" Galv. Bar, 2 per curb length, Item 717
Top of Sidewalk

Top of Pavt

Split Face

Top of Pavt

1/2" Min. Mortar leveling bed

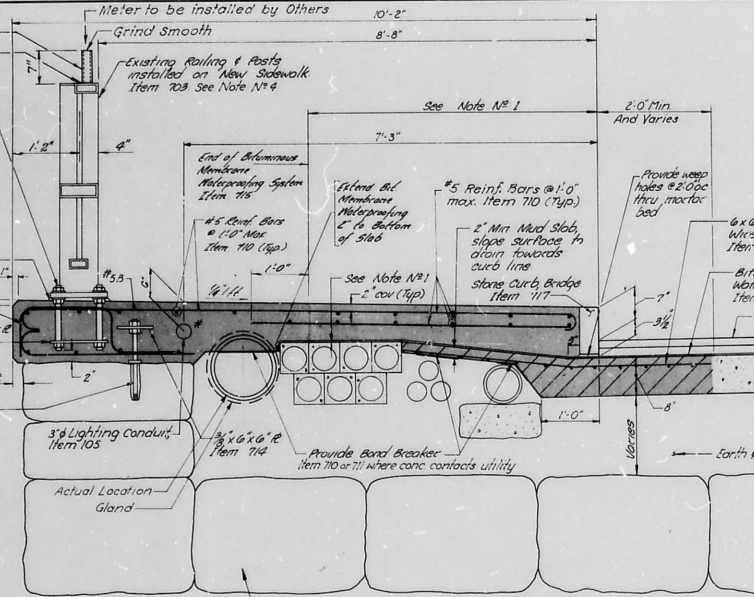
Lower Pavt line

1/2" Rail Post Anchor Item 703 See Detail

CURB DETAIL
Scale 1/4"=1'-0"

Drill & grout one rock anchor to roof fascia stone Item 714, See Note N#2

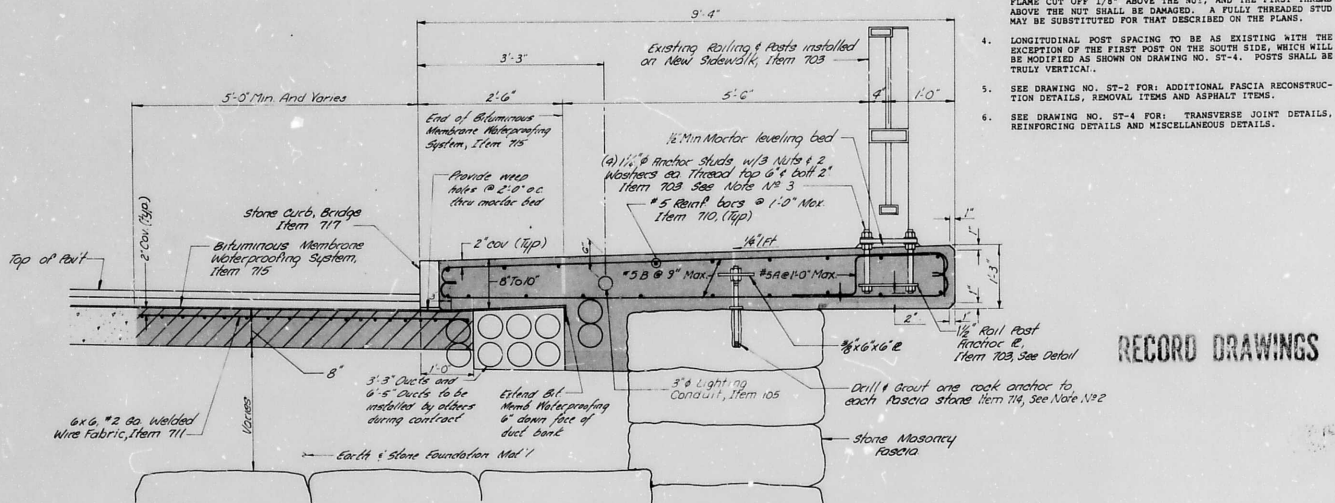
Exist Steam Pipe to remain unaltered (Hangers @ 20' not shown)



TYPICAL SECTION THRU NORTH SIDEWALK RECONSTRUCTION

STATION AN 116+81 TO AN 119+47 LEFT

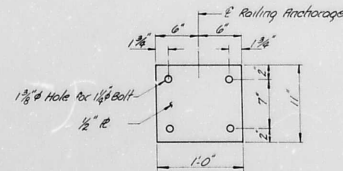
Scale 1"=1'-0"



TYPICAL SECTION THRU SOUTH SIDEWALK RECONSTRUCTION

STATION AN 116+85 TO AN 119+65 RIGHT

Scale 1"=1'-0"



RAIL POST ANCHOR PLATE

Scale 1/4"=1'-0"

LEGEND:

- Existing Concrete to remain
- Class A Concrete for Structure, Item 710
- Class B Concrete for Structure, Item 711

NOTES:

1. THE ACTUAL LOCATION OF THE AGE DUCT BANK IN THE NORTH SIDEWALK MAY VARY FROM THAT SHOWN ON THE PLANS. DEPENDING ON THE ACTUAL ELEVATION OF THE DUCT BANK, EITHER CONTINUE THE CLASS B CONCRETE MID SLAB DISCARD 1" MINIMUM DEPTH AND MESH REINFORCEMENT REQUIREMENTS IF DEEMED IMPRACTICAL BY THE ENGINEER, OR PATCH AND SEAL TOP OF DUCT BANK WITH MORTAR TO PROVIDE A SMOOTH FINISH FOR PLACING MEMBRANE AND POSITIVE DRAINAGE TOWARDS THE CURB LINE WEEPS. ENCRoACHMENT OF THE 6" SIDEWALK WILL BE PERMITTED AT THE ENGINEER'S DISCRETION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PRESERVING THE STRUCTURAL INTEGRITY OF THE FASCIA STONE. CARE SHALL BE TAKEN IN LOCATING THE ANCHOR ON THE STONE SO AS TO AVOID CRACKING OR SPLITTING OF THE STONE WHILE DRILLING.
3. AFTER THE ANCHOR STUDS HAVE BEEN PLACED AND TIGHTENED TO THE SATISFACTION OF THE ENGINEER, THE STUDS SHALL BE FLAME CUT OFF 1/2" ABOVE THE NUT, AND THE FIRST THREAD ABOVE THE NUT SHALL BE DAMAGED. A FULLY THREADED STUD MAY BE SUBSTITUTED FOR THAT DESCRIBED ON THE PLANS.
4. LONGITUDINAL POST SPACING TO BE AS EXISTING WITH THE EXCEPTION OF THE FIRST POST ON THE SOUTH SIDE, WHICH WILL BE MODIFIED AS SHOWN ON DRAWING NO. ST-4. POSTS SHALL BE TRULY VERTICAL.
5. SEE DRAWING NO. ST-2 FOR: ADDITIONAL FASCIA RECONSTRUCTION DETAILS, REMOVAL ITEMS AND ASPHALT ITEMS.
6. SEE DRAWING NO. ST-4 FOR: TRANSVERSE JOINT DETAILS, REINFORCING DETAILS AND MISCELLANEOUS DETAILS.

RECORD DRAWINGS



NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209.

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.
1	11/1/82	As Built		RNC

3601-087-80000-406-21-D

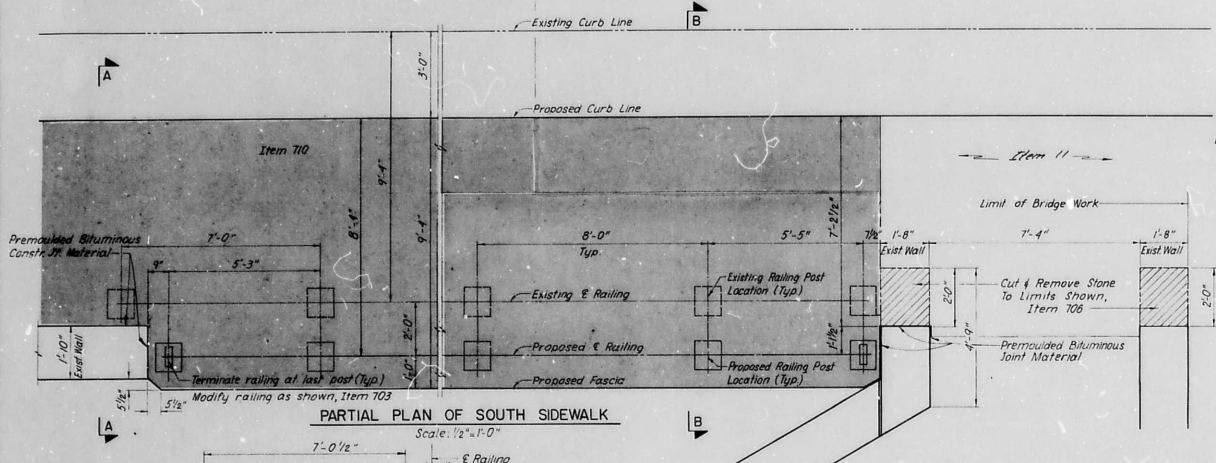
PROJECT NAME
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.

CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

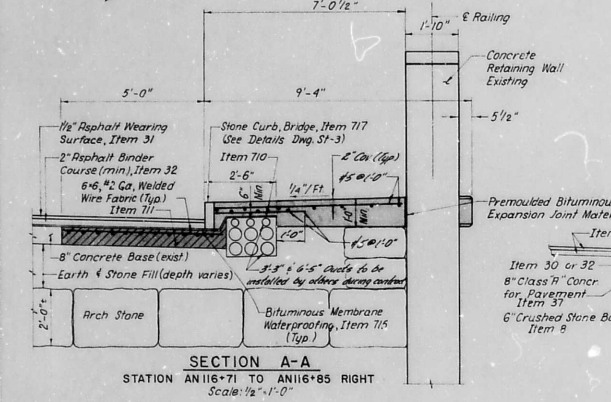
DRAWING TITLE
ANDREWS STREET BRIDGE
FASCIA RECONSTRUCTION
DETAILS

SCALE AS SHOWN	DES. BY RSVP	DRAWING NO. ST-3
DATE ISSUED APRIL, 1980	DR. BY R.J.	SHEET NO. 43 OF 48
	CHK'D BY J.H.P.	DATE AUG 79

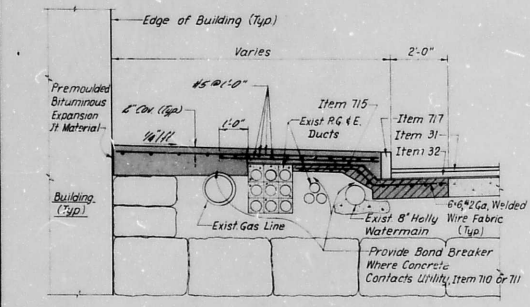
Bridge Ends
Sta AN119+65



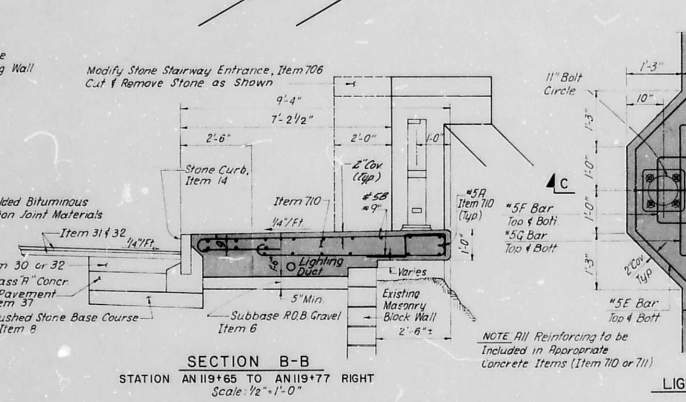
PARTIAL PLAN OF SOUTH SIDEWALK
Scale: 1/2" = 1'-0"



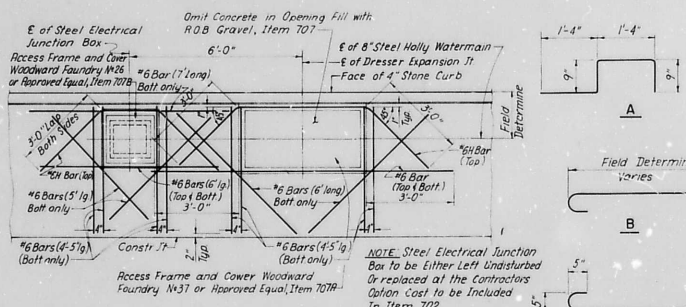
SECTION A-A
STATION AN116+71 TO AN116+85 RIGHT
Scale: 1/2" = 1'-0"



TYPICAL SECTION NORTH SIDEWALK
STATION AN116+71 TO AN116+81 LEFT
STATION AN119+47 TO AN119+65 LEFT
Scale: 1/2" = 1'-0"



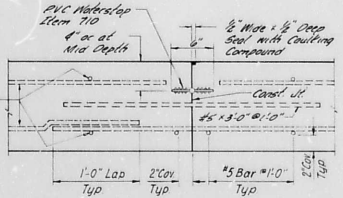
SECTION B-B
STATION AN119+65 TO AN119+77 RIGHT
Scale: 1/2" = 1'-0"



PARTIAL PLAN OF NORTH SIDEWALK
SHOWING REINFORCING AT
HOLLY WATERMAIN ACCESS FRAMES & COVERS
Scale: 1/2" = 1'-0"

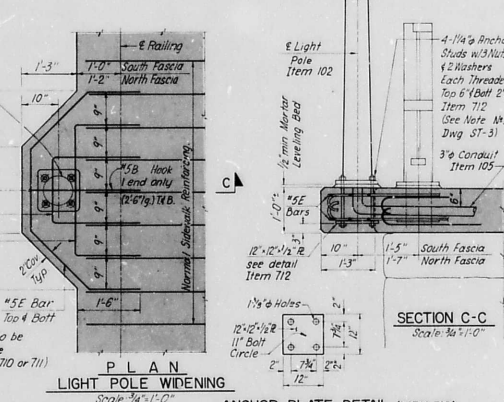
LEGEND

- Class 'A' Coner for Structure, Item 710
- Class 'B' Coner for Structure, Item 711

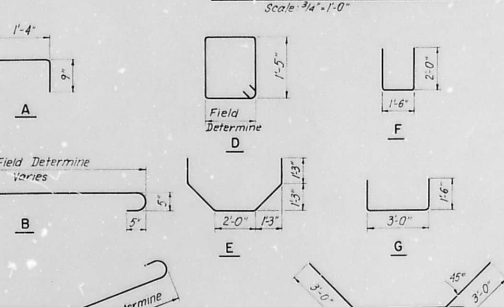


TRANSVERSE CONSTRUCTION JOINT IN SIDEWALK
Scale: 1/2" = 1'-0"

RECORD DRAWINGS



ANCHOR PLATE DETAIL (ITEM 712)
Scale: 3/4" = 1'-0"



REINFORCING BAR TYPES

EA ERDMAN ANTHONY ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

DATE DATE

NOTE:
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REVISIONS			
NO.	DATE	DESCRIPTION	REV. C'D.
11/18/80	AS BUILT		RVC

3601-088-80000-406-21-D
PROJECT NAME

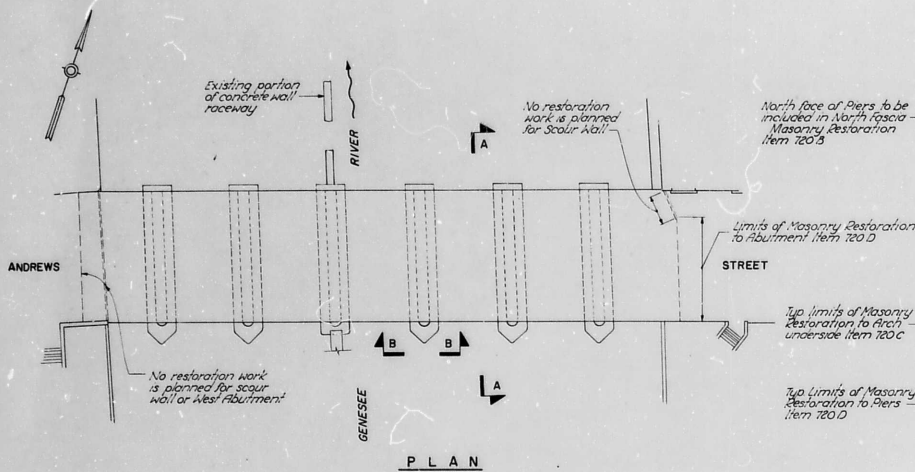
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
CITY.

CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

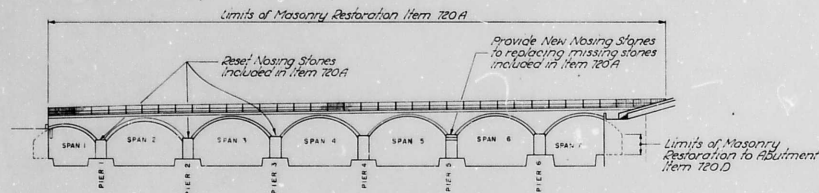
DRAWING TITLE

ANDREWS STREET BRIDGE
MISCELLANEOUS DETAILS

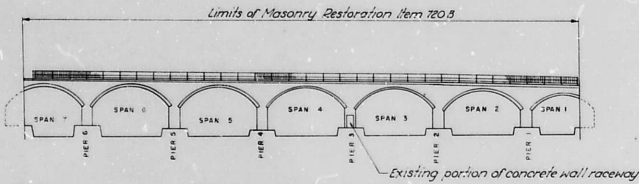
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AS SHOWN	DR. BY	F.Z.	ST-4
DATE ISSUED	CHKD BY	J.H.P.	SHEET NO.
APRIL, 1980	DATE	AUG 79	44 OF 48



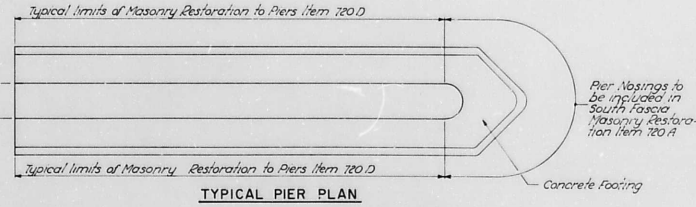
PLAN



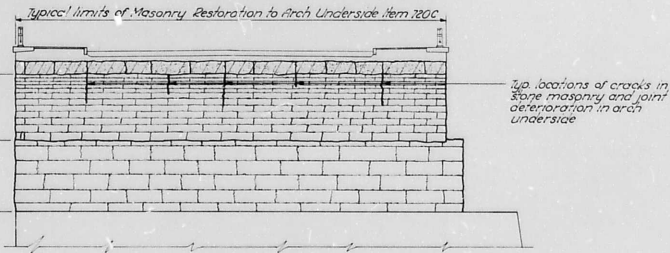
SOUTH FASCIA ELEVATION



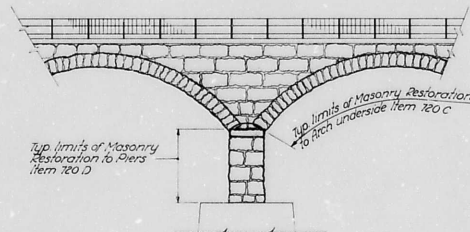
NORTH FASCIA ELEVATION



TYPICAL PIER PLAN



SECTION A-A (TYP)



ELEVATION B-B (TYP)

ESTIMATE OF MASONRY RESTORATION QUANTITIES			
ITEM	DESCRIPTION	UNIT	QTY.
720 A	Masonry Restoration to South Fascia	SF	1600
720 B	Masonry Restoration to North Fascia	SF	1140
720 C	Masonry Restoration to Arch Underside	LF	900
720 D	Masonry Restoration to Piers & Abutments	LF	980

MASONRY RESTORATION WORK SCOPE

ITEM 720A

RESTORATION TO THE SOUTH FASCIA INCLUDES SAND BLAST CLEANING THE ENTIRE SURFACE AND PRESSURE POINTING ALL JOINTS, REMOVAL AND RESETTING OF LOOSE MOSING STONES AND SUPPLYING AND INSTALLING MISSING MOSING STONES.

ITEM 720B

RESTORATION TO THE NORTH FASCIA INCLUDES ONLY SAND BLAST CLEANING AND PRESSURE POINTING ALL THE MORTAR JOINTS.

ITEM 720C

RESTORATION TO THE ARCH UNDERSIDES INCLUDES ONLY SAND BLAST CLEANING AND PRESSURE POINTING DETERIORATED MORTAR JOINTS AND STONE CRACKS. THE SCHEDULE BELOW IS APPROXIMATE AND IS INTENDED TO INDICATE THE RELATIVE LOCATION AND SCOPE OF WORK. ACTUAL FIELD CONDITION MAY REQUIRE MODIFICATIONS TO THE WORK QUANTITIES AND WILL BE DETERMINED IN THE FIELD BY THE ENGINEER:

SPAN 1	300 LINEAR FEET
SPAN 2	50 LINEAR FEET
SPAN 3	50 LINEAR FEET
SPAN 4	100 LINEAR FEET
SPAN 5	100 LINEAR FEET
SPAN 6	250 LINEAR FEET
SPAN 7	50 LINEAR FEET

ITEM 720D

RESTORATION TO THE PIERS AND ABUTMENTS INCLUDES ONLY SAND BLAST CLEANING AND PRESSURE POINTING DETERIORATED MORTAR JOINTS. EACH PIER HAS APPROXIMATELY 150 LINEAR FEET OF JOINT REPAIR AND THE EAST ABUTMENT FACE HAS APPROXIMATELY 80 LINEAR FEET OF JOINT REPAIR. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO THE WORK QUANTITIES AND WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

EA ERDMAN
ANTHONY
ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

Professional Engineer seals for New York State and Professional Engineer seal for Pennsylvania. Includes fields for DATE.

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REVISIONS				
NO.	DATE	DESCRIPTION	REV	CHK'D.

3601-089-8000-406-21-D
PROJECT NAME:
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.

CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

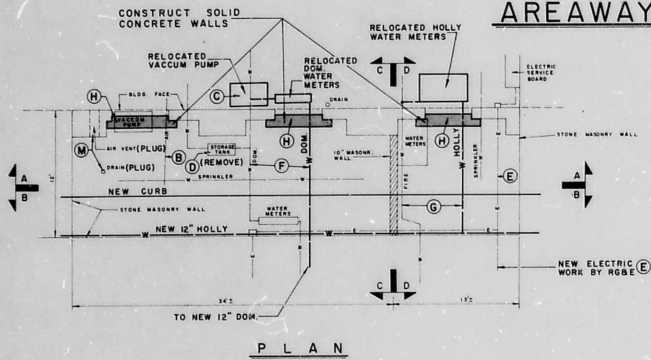
DRAWING TITLE:
ANDREWS STREET BRIDGE
MASONRY RESTORATION
DETAILS

SCALE	DES BY JHP	DRAWING NO
NO SCALE	DR BY DWD-GS	ST-5
DATE ISSUED	CKD BY R.S.V.P.	SHEET NO
APRIL, 1980	DATE AUG. 79	45 OF 48

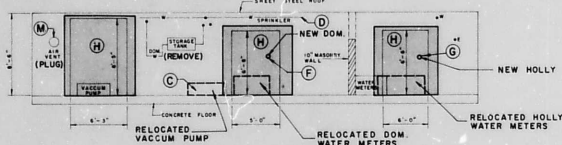
RECORD DRAWINGS

AREAWAY - 218 ANDREWS ST.

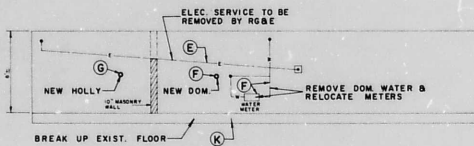
ITEM 790.1



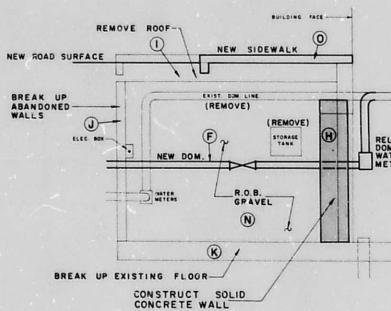
PLAN



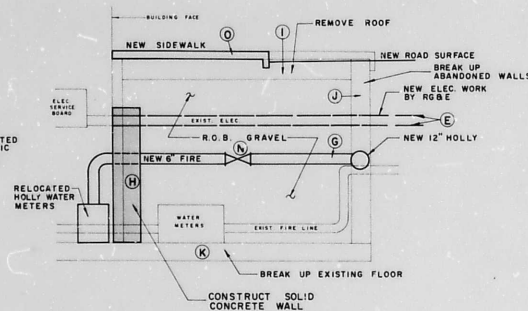
SECTION A-A, NORTH WALL



SECTION B-B, SOUTH WALL



SECTION C-C



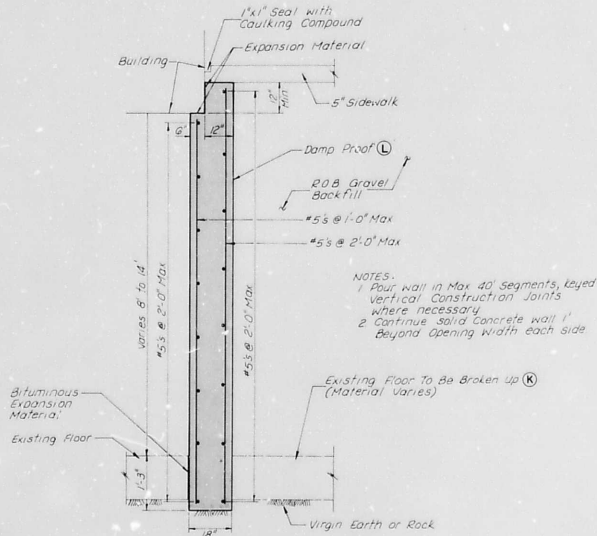
SECTION D-D

NOTES

- A. Remove lighting and other electric distribution from areaway.
- B. Remove compressed air line and stub.
- C. Relocate vacuum pump and connect to main floor drain.
- D. Remove sprinkler system in areaway.
- E. Electric service line to be relocated by R.G. & E.
- F. Remove existing 6" domestic water line and install new 6" domestic line connected to new 12" domestic line south side Andrew Street. Remove and dispose of hot water storage tank.
- G. Remove existing 6" fire line and meter and install new fire line connected to new 12" holly line.
- H. Construct solid concrete walls as per section shown on Sheet #46.
- I. Demolish vault roof and remove materials from areaway.
- J. Demolish vault walls to be abandoned to 3 feet below finished ground surface.
- K. Breakup concrete floor in area to be backfilled. Pieces should be no larger than 25q" to promote drainage.
- L. Damp proof entire exposed wall to earth backfill as per section shown on Sheet #46.
- M. Plug air vent and drain.
- N. Backfill areaway with R.O.B. gravel.
- O. Construct new sidewalk (Paid as Item 11).

LEGEND

- Solid Concrete Wall
- Masonry Block Wall



TYPICAL SECTION - SOLID CONCRETE WALL

ERDMAN ANTHONY ASSOCIATES
 CONSULTING ENGINEERS & PLANNERS
 ROCHESTER, N.Y. CAMP HILL, PA.



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REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CK'D.
1	11/4/80	As Built		RWC

3601-090-7000-406-21-D
 PROJECT NAME:
 DOWNTOWN STREET PLAN
 ANDREWS STREET
 STATE ST. TO FRANKLIN ST.
 CLIENT:

CITY OF ROCHESTER
 DEPARTMENT OF ENGINEERING
 AND MAINTENANCE

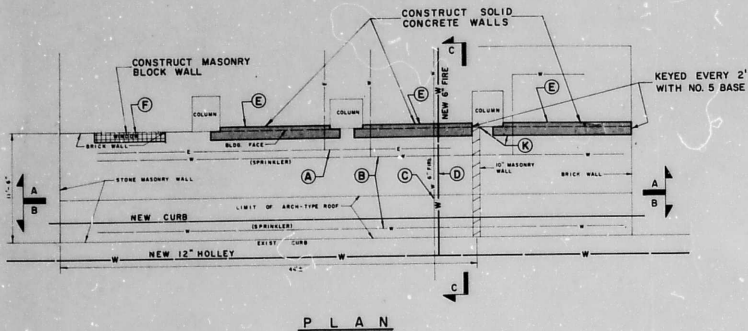
DRAWING TITLE
 AREAWAY PLANS
 218 ANDREWS ST.

SCALE	NONE	DES BY	S.G.P.	DRAWING NO.	ST-6
DATE ISSUED	APRIL, 1980	CHK BY	S.W.P.	SHEET NO.	46 OF 48

RECORD DRAWINGS

AREAWAY - 242 ANDREWS ST.

ITEM 790.2

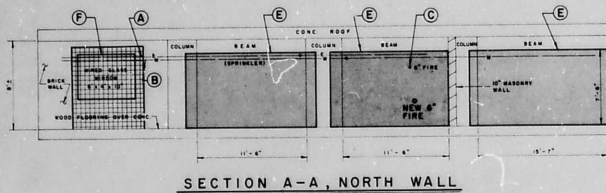


NOTES

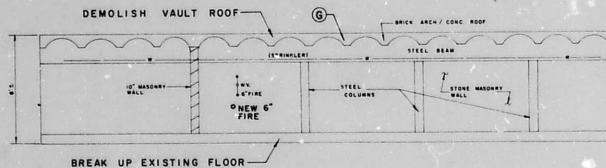
- Remove lighting and other electric distribution from areaway.
- Remove sprinkler system in areaway.
- Remove existing 6" Holly line in areaway.
- Install new 6" fire line connecting it to the new 12" Holly line in street and existing 6" fire line in building.
- Construct solid concrete walls as per Typical Section shown on Sheet #46.
- Construct solid masonry block walls as per section shown on Sheet #47.
- Demolish vault roof and remove materials from areaway.
- Remove wooden floor and remove materials from areaway.
- Demolish vault walls to be abandoned to 3 feet below finished ground surface.
- Breakup concrete floor slab in area to be backfilled. Pieces should not be larger than 25¢ to promote drainage.
- Damp proof entire wall exposed to earth backfill as per section shown on Sheet #46.
- Backfill areaway with R.O.S. gravel.
- Construct new sidewalk (Paid as Item 11).

LEGEND

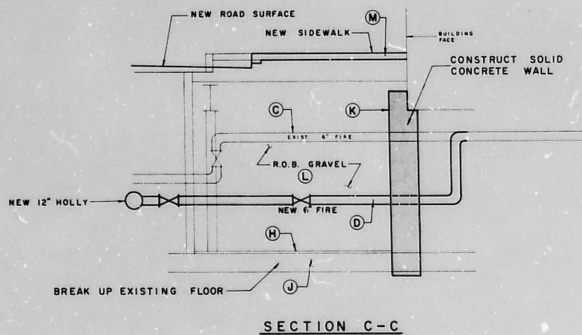
- Solid Concrete Wall
- Masonry Block Wall



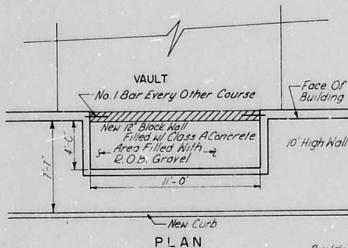
SECTION A-A, NORTH WALL



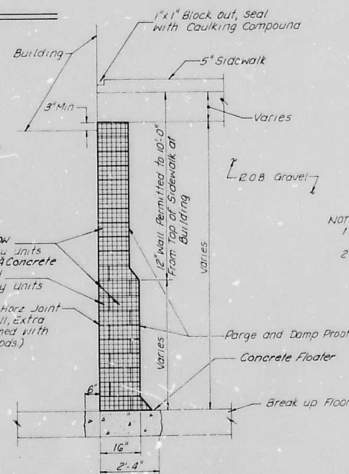
SECTION B-B, SOUTH WALL



SECTION C-C



AREAWAY 242 ANDREWS ST.
STA. 128+20



TYPICAL SECTION-MASONRY BLOCK WALL



**ERDMAN
ANTHONY
ASSOCIATES**

CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.



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REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CK'D.
1	4/18/80	As Built		RWC

- NOTES:
- Continue Block Wall 1' Beyond opening width each side and Top
 - Parge + Damp Proof Low and old wall that will be exposed to backfill.

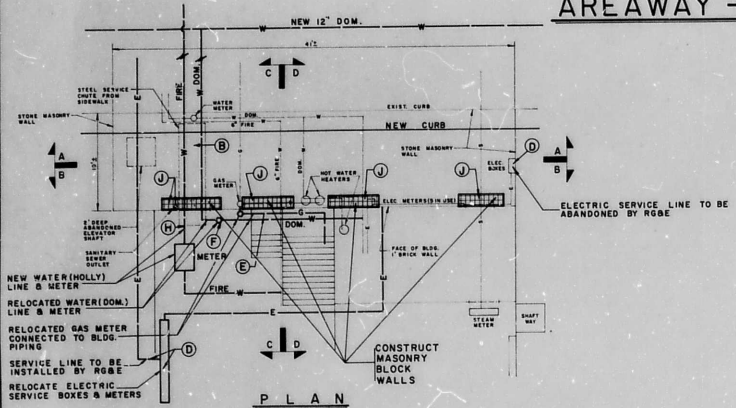
3601-091-7000-406-21-D
PROJECT NAME:
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.
CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE
DRAWING TITLE:
AREAWAY PLANS
242 ANDREWS ST.

RECORD DRAWINGS

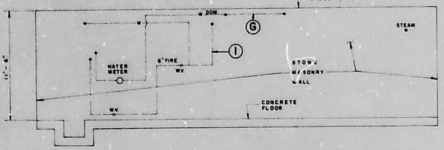
SCALE: NONE	DES. BY: R.E.M.	DRAWING NO. ST-7
DATE ISSUED: APRIL, 1980	DR. BY: S.E.P.	SHEET NO. 47 OF 48
	CHK. BY: R.E.M.	DATE: 5-19-80

AREAWAY - 239 ANDREWS ST.

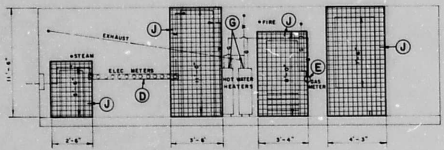
ITEM 790.3



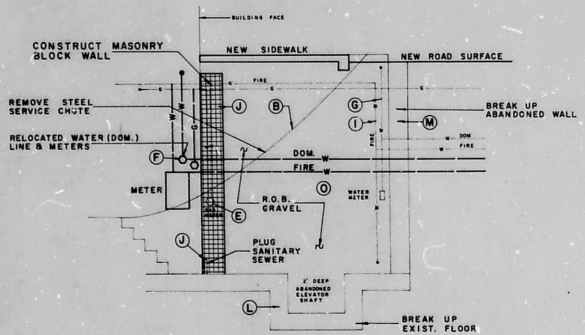
PLAN



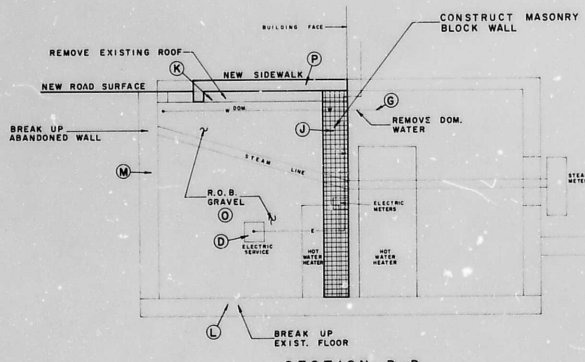
SECTION A-A, NORTH WALL



SECTION B-B, SOUTH WALL



SECTION C-C



SECTION D-D

NOTES

- A. Remove lighting and electrical distribution from areaway.
- B. Remove steel service chute.
- C. Remove all miscellaneous material, equipment, unconnected pipes, etc.
- D. Existing electric service line to be abandoned by R.G. & E. New electric service line to be installed by R.G. & E. Contractor to connect service line to meter boxes and connect to building wiring.
- E. Gas service and meter to be relocated by R.G. & E. Contractor to connect meter to building piping.
- F. Install new domestic water line.
- G. Remove domestic water service, relocate hot water heaters.
- H. Install new fire line and connect to existing Holly line beyond basement stair.
- I. Remove existing fire lines within areaway.
- J. Construct masonry block walls per section shown on Sheet No 47. Plug sanitary sewer outlet with concrete.
- K. Demolish vault roof and remove materials from areaway.
- L. Breakup concrete floor in area to be backfilled. Pieces should be no larger than 2 Sq' to promote drainage.
- M. Demolish vault walls to be abandoned to 3 feet below ground surface.
- N. Damp proof entire wall exposed to earth fill as per section shown on Sheet No 47.
- O. Backfill areaway with R.O.B. gravel.
- P. Construct new sidewalk (Paid as Item 11).

LEGEND

- Solid Concrete Wall
- Masonry Block Wall

**ERDMAN
ANTHONY
ASSOCIATES**

CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.



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REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CK'D.
1	1/1/80	As Built		RWC

3601-092-10000-406-21-D

PROJECT NAME:
DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST. TO FRANKLIN ST.

CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

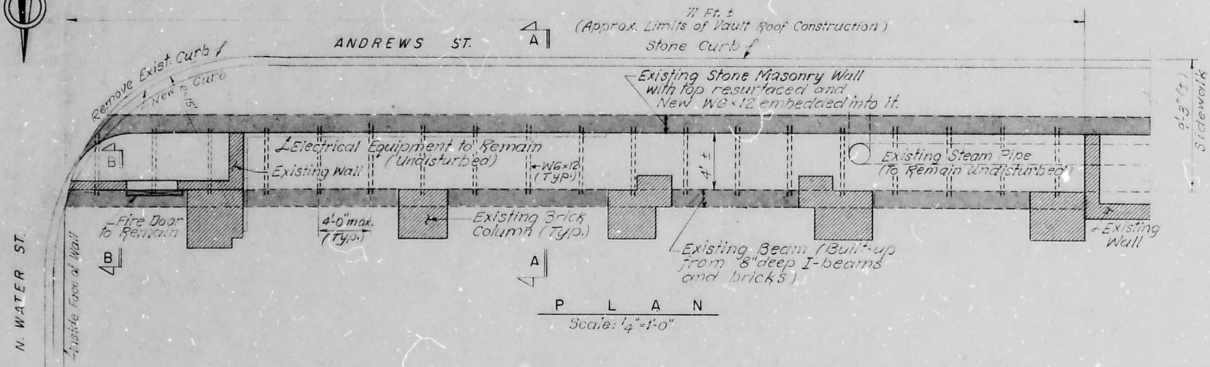
DRAWING TITLE:
AREAWAY PLANS
239 ANDREWS ST.

SCALE: NONE	DES. BY: T.E.W.	DRAWING NO: ST-8
DATE ISSUED: APRIL, 1980	DR. BY: S.E.D.	SHEET NO: 48 of 48
	DATE: 5-6-80	

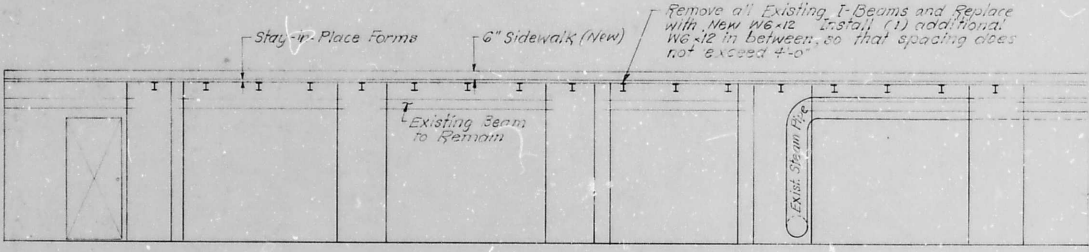
RECORD DRAWINGS

AREAWAY - 132 ANDREWS STREET

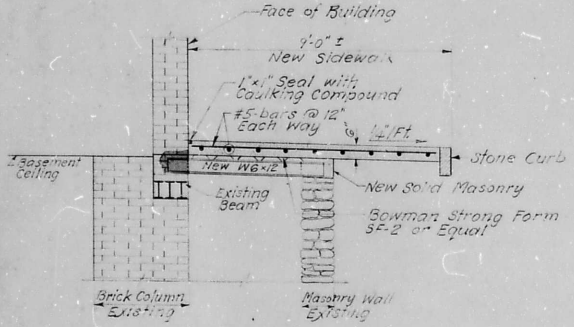
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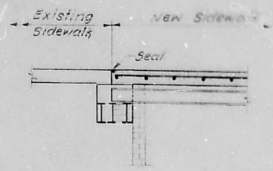
PLAN
Scale: 1/4"=1'-0"



ELEVATION
Scale: 1/4"=1'-0"



SECTION A-A
Scale: 2"=1'-0"



SECTION B-B
Scale: 1/2"=1'-0"

CONSTRUCTION PROCEDURE NOTES:

- 1) ALONG ANDREWS ST.
 - a. Extreme care is to be exercised and all appropriate means are to be employed to insure that the electrical equipment and steam pipe located in the vault are properly protected from damage due to falling debris, water and vandalism.
 - b. Carefully assist the vault roof to insure that large pieces of debris do not fall on the equipment being (some very breakers are not to be used). Remove the debris from site.
 - c. Construct the new vault roof as shown.
 - d. All Structural Steel to be ASTM A36.

ERDMAN, ANTHONY, ASSOCIATES, P.C.
CONSULTING ENGINEERS & PLANNERS
ROCHESTER, N.Y. CAMP HILL, PA.

Robert J. Powell
5-6-91 DATE DATE

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REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D.
1	1/1/91	As Built		RWC

3601-093-70000-406-21-D
PROJECT NAME:

DOWNTOWN STREET PLAN
ANDREWS STREET
STATE ST TO FRANKLIN ST

CLIENT:
CITY OF ROCHESTER
DEPARTMENT OF ENGINEERING
AND MAINTENANCE

DRAWING TITLE:
AREAWAY PLANS
132 ANDREWS ST.

SCALE:	DES. BY: H.J.F.	DRAWING NO.:
AS SHOWN	DR. BY: G.K.	ST-8
EAA PROJECT NO.:	CHK'D BY: P.T.	SHEET NO.:
80406	DATE: 4-13-91	49 of 49

RECORD DRAWINGS