



**TOWN OF LEESBURG, VIRGINIA  
REQUEST FOR QUOTATION (RFQ)**

**LIBERTY STREET SW DRAINAGE IMPROVEMENTS  
RFQ NO. 100313-FY18-46  
JUNE 7, 2018**

The Town of Leesburg is requesting written price quotations for drainage improvements on Liberty Street, SW between Loudoun Street, SW and West Market Street as described below. Quotes may be emailed to [rlafollette@leesburgva.gov](mailto:rlafollette@leesburgva.gov), mailed, or hand delivered to: Town of Leesburg, Attn: Renée LaFollette, Director of Public Works & Capital Projects, 25 West Market Street, Leesburg, VA 20176.

**Quotes must be received by 5:00 p.m. ET on Thursday, June 21, 2018.**

**General**

The work performed under this contract involves the installation of drainage improvements on Liberty Street, SW between Loudoun Street, SW and West Market Street, to include replacing existing 8" terracotta pipe with 15" reinforced concrete pipe and replace existing inlets with modified DI-1 drop inlets. This is a unit price contract and the Contractor will be paid based on actual quantities installed per plan and specifications.

**Scope of Work**

The awarded bidder, also referred to herein as Contractor, shall furnish all services necessary to provide, finish and complete the drainage improvements on Liberty Street, SW. Work will involve replacing existing 8" terracotta pipe with 15" reinforced concrete pipe, replace existing inlets with modified DI-1 drop inlets, curb and sidewalk, mill and resurface milled asphalt.

Work will be performed during the daytime between the hours of 7:00 am and 7:00 pm Monday through Friday. The Town must approve any other time work.

**Coordination with Utilities**

The Contractor shall coordinate the work of his forces with the utility companies during the contract to ensure the continuing progress of all work to be performed within the project area.

The Contractor shall notify "MISS UTILITY" at 1-800-552-7001, 72 hours prior to beginning construction.

It shall be the responsibility of the Contractor to notify operators who maintain underground utility lines in the area of proposed excavation or blasting at least five (5) working days prior to any construction, subsequent maintenance or repair.

The Contractor shall dig test holes over all existing utilities prior to construction to determine their exact location and shall notify the construction manager of any necessity for redesign.

### **Contract Items of Work**

**Testing:** The Contractor is responsible for providing third-party testing for work items requiring testing in accordance with the specification. The cost of this testing is considered to be incidental to other items of work and will not be paid separately.

**Specifications:** All work performed under this Request for Quote shall be performed in accordance with the current edition of the VDOT Road and Bridge Specifications and the current edition of the Virginia Work Area Protection Manual.

**Maintenance of Traffic:** The Contractor will be allowed to close Liberty Street in the vicinity of the construction zone each day during construction. Liberty Street shall be opened to traffic at the conclusion of each work day.

When Liberty Street is closed to through traffic, access to residents and businesses will be maintained by allowing a flagger controlled two-way traffic outside the work zone area. The cost of flaggers will be considered to be incidental to other items of work and will not be paid separately.

**Storm Drainage:** All storm drainage installed shall be backfilled utilizing 21-A material, from the top of the bedding material used for the pipe to the sub-grade elevation. Any concrete cradles or piers required for crossing existing sanitary or waterline are to be considered incidental to the storm drainage items of work.

**Connection to Existing Structures:** Connections made to existing structures shall be accomplished by means that are in accordance with the Town DCSM and VDOT specifications.

**Private Entrances and Driveways:** The Contractor shall minimize the duration of any blockage to private entrances and driveways. The affected property owner shall be notified a minimum of 24 hours in advance of such activities and the Contractor shall make all private entrances and driveways accessible at the conclusion of each work day.

**As-Built Drawings:** As per Article 4.13 and DCSM requirements, as built drawings are required at the completion of construction. No separate payment will be made for preparation and submittal of as-built drawings. Rather, the cost of these drawings is considered to be incidental to other construction work items.

**Dust Control:** The Contractor shall make every effort to control dust on site.

### **Contract Term:**

- **Administrative Phase** - 30 calendar days from Notice to Proceed.
- **Construction Phase** - 15 calendar days from completing the Administrative Phase, but no later than 45 days from Notice to Proceed.

## **Questions**

Questions should be emailed to [CapitalBidQuestions@leesburgva.gov](mailto:CapitalBidQuestions@leesburgva.gov), no later than 5:00 p.m., Friday, June 15, 2018.

## **Notice of Addenda**

Any addenda to this RFQ will be posted on the Town's Bid Board (<http://www.leesburgva.gov/bidboard>) and eVA (<https://eva.virginia.gov/>). A courtesy email will be sent to those firms who have registered on the Bid Board. It is the firm's responsibility to provide a correct email address for the Bid Board and to be aware of any addenda.

## **Insurance Requirements**

- Liability, \$1 million; combined single limit/each occurrence in the primary policy or through the use of Umbrella or Excess Limits.
- Automobile, \$1 million; combined single limit per occurrence in the primary policy or through the use of Umbrella or Excess Limits.
- Workers Comp, Statutory.
- Name Town as an additional insured and provide a copy of the additional insured endorsement.

## **Negotiations with the Lowest Bidder**

Unless all quotes are cancelled or rejected, the Town reserves the right granted by 2.2-4318 of the *Code of Virginia* to negotiate with the lowest responsive, responsible bidder to obtain a contract price within the funds available. Funds available shall mean those funds which were budgeted for this contract prior to the issuance of the written Request for Quote. Negotiations with the low bidder may include both modifications of the bid price and the Scope of Work/Specifications to be performed. The Town shall initiate such negotiations by written notice to the lowest responsive, responsible bidder that its bid exceeds the available funds and the Town wishes to negotiate a lower contract price. The times, places, and manner of negotiating shall be agreed to by the Town and the lowest responsive, responsible bidder.

Your interest in doing business with the Town of Leesburg is appreciated.

**TOWN OF LEESBURG, VIRGINIA  
DEPARTMENT OF PUBLIC WORKS & CAPITAL PROJECTS  
25 WEST MARKET STREET  
LEESBURG, VIRGINIA 20176**

**LIBERTY STREET SW DRAINAGE IMPROVEMENTS  
RFQ NO. 100313-FY18-46**

**SUBMIT A SIGNED BID FORM BY EMAIL, MAIL OR IN PERSON TO  
RENÉE LAFOLLETTE, PUBLIC WORKS DIRECTOR,  
DEPARTMENT OF PUBLIC WORKS & CAPITAL PROJECTS**

QUOTES ARE DUE NO LATER THAN 5:00 p.m. ET on Thursday, June 21, 2018.

THE UNDERSIGNED CERTIFIES THAT (CONTRACTOR NAME):

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IS CURRENTLY REGISTERED WITH THE VIRGINIA STATE BOARD OF CONTRACTORS AS REQUIRED BY THE CODE OF VIRGINIA. CERTIFICATE NUMBER \_\_\_\_\_ WAS ISSUED ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_, \_\_\_\_\_. THE UNDERSIGNED FURTHER CERTIFIES THAT THE REGISTRATION FEE AND ALL RENEWAL FEES REQUIRED UNDER LAW HAVE BEEN PAID. THE CONTRACTOR AGREES TO FURNISH ALL NECESSARY LABOR, EQUIPMENT, MATERIALS, AND ALL THINGS NECESSARY TO PERFORM THE WORK AS SET FORTH IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AT THE FOLLOWING PRICES: (ALL PRICES INCLUDE PROVISION AND INSTALLATION).

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<u>SUBMITTED BY:</u>	
VENDOR NAME:	
ADDRESS:	
CITY/STATE/ZIP:	
AUTHORIZED SIGNATURE:	
PRINT NAME AND TITLE:	
TELEPHONE NO:	FACSIMILE NO.:

STATE CORPORATION COMMISSION ID #	
TAX ID NUMBER (FIN/SSN):	VA. CONTRACTOR LICENSE #:
THIS FIRM IS A: (INSERT NAME OF STATE): _____	
<input type="checkbox"/> CORPORATION <input type="checkbox"/> GENERAL PARTNERSHIP <input type="checkbox"/> LTD LIABILITY COMPANY	<ul style="list-style-type: none"> <li>• <input type="checkbox"/> LIMITED PARTNERSHIP</li> <li>• <input type="checkbox"/> UNINCORPORATED ASSOC.</li> <li>• <input type="checkbox"/> SOLE PROPRIETORSHIP</li> </ul>
E-MAIL ADDRESS:	LEESBURG BPOL #:

ADDENDA

Bidder acknowledges receipt of the following ADDENDA, which have been considered in the preparation of this bid.

Addendum No. \_\_\_\_\_  
Addendum No. \_\_\_\_\_  
Addendum No. \_\_\_\_\_  
Addendum No. \_\_\_\_\_  
Addendum No. \_\_\_\_\_

Dated: \_\_\_\_\_  
Dated: \_\_\_\_\_  
Dated: \_\_\_\_\_  
Dated: \_\_\_\_\_  
Dated: \_\_\_\_\_

**Liberty Street SW Drainage Improvements – Bid Form**

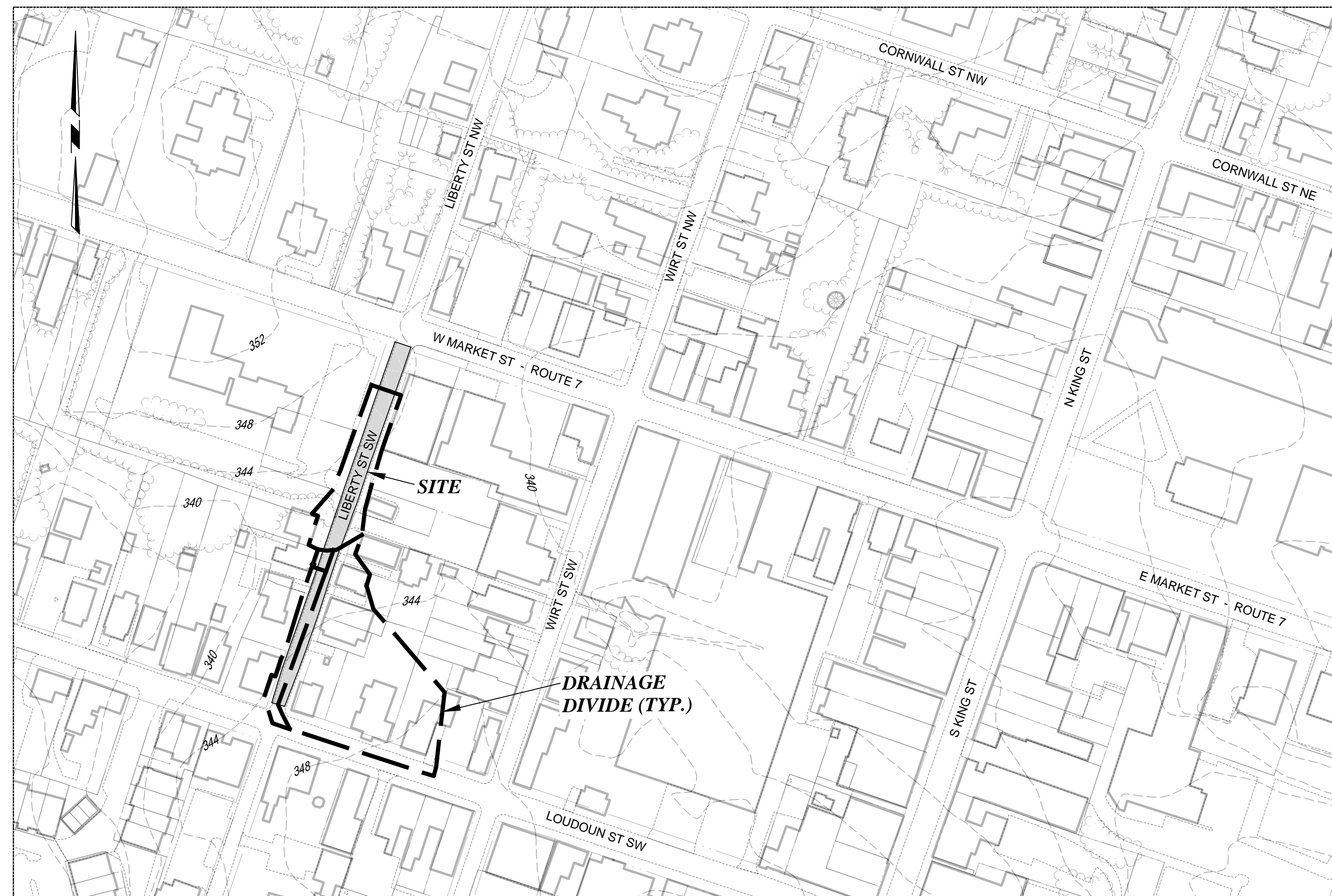
<b>Item</b>	<b>Description</b>	<b>Estimated Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Extended Price</b>
1	Test Pits	3	EA		
2	Maintenance of traffic (MOT):- Type III barricade with "Road Closed" sign	2	EA		
3	Saw cut asphalt	150	LF		
4	Remove & dispose of existing inlet	4	EA		
5	Remove and dispose of existing curb and curb & gutter	125	LF		
6	Remove and dispose of existing concrete sidewalk	500	SF		
7	Tie-in to existing structure, complete in place including excavation, bedding & backfill	1	LS		
8	Replace existing 8" terracotta pipe with 15" RCP CL IV, complete in place incl. excavation, disposal of existing terracotta, bedding and backfill w/VDOT 21-A from top of the bedding material to the subgrade elevation.	133	LF		
9	MOD DI-1, complete in place incl. excavation, bedding and backfill w/VDOT 21-A from top of the bedding material to the subgrade elevation.	4	EA		
10	Curb MOD CG-3. Complete incl. excavation , 4" VDOT 21-A stone under curb and backfill	125	LF		
11	Concrete sidewalk, complete in place including excavation, stone base and concrete	500	SF		
12	Replace existing handicap ramp, complete in place incl. excavation, stone base, detectable warning surface & backfill	2	EA		
13	Base Asphalt BM-25.0 for pipe trench, complete in place	750	SF		
14	Bituminous concrete pavement milling - 1 1/2"	290	SY		
15	1 1/2" asphalt, surface course, VDOT type SM-9.5A	2,600	SF		
<b>BID TOTAL</b>					

Total Bid amount in words:

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# Town of Leesburg Virginia

## LIBERTY STREET DRAINAGE STUDY



DRAINAGE DIVIDES MAP

SCALE: 1" = 100'

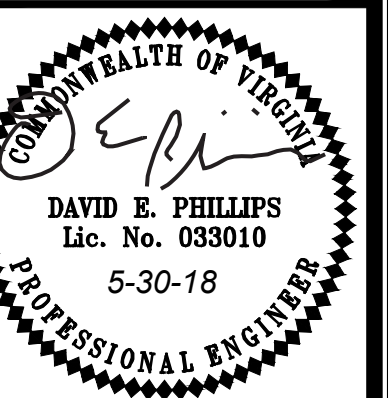
**NOTE:**

THE TOPOGRAPHIC INFORMATION SHOWN HEREON IS FROM LOUDOUN COUNTY GIS WITH A CONTOUR INTERVAL OF FOUR FEET. THE STORM SEWER STRUCTURES WERE FIELD SHOT BY PACIULLI SIMMONS AND ASSOCIATES. THE EXISTING GRADE IN THE PROFILE VIEW IS BASED ON FIELD SHOT ELEVATIONS AT A TWENTY-FIVE FOOT INTERVAL AT THE CROWN OF THE ROAD AND THE EDGE OF PAVEMENT.

**Sheet Index**

SHEET NUMBER	SHEET TITLE
1	Cover Sheet
2	Existing Conditions
3	Alternative 1

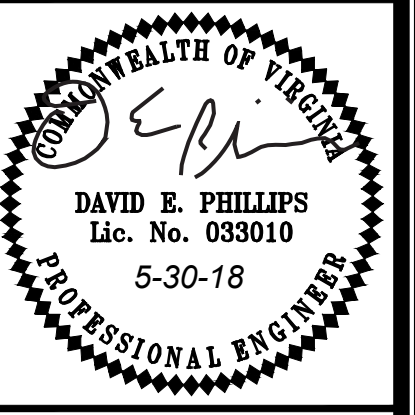
NO.	SHEET NUMBER AND REVISION DESCRIPTION	DATE
1	Added Underground Utilities	5/30/2018



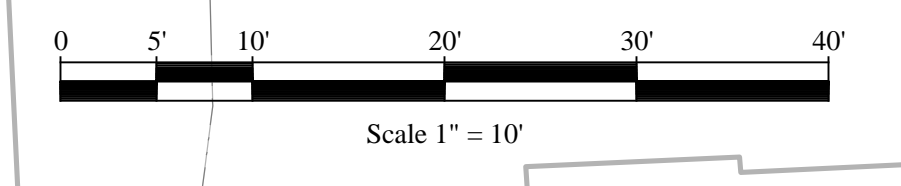
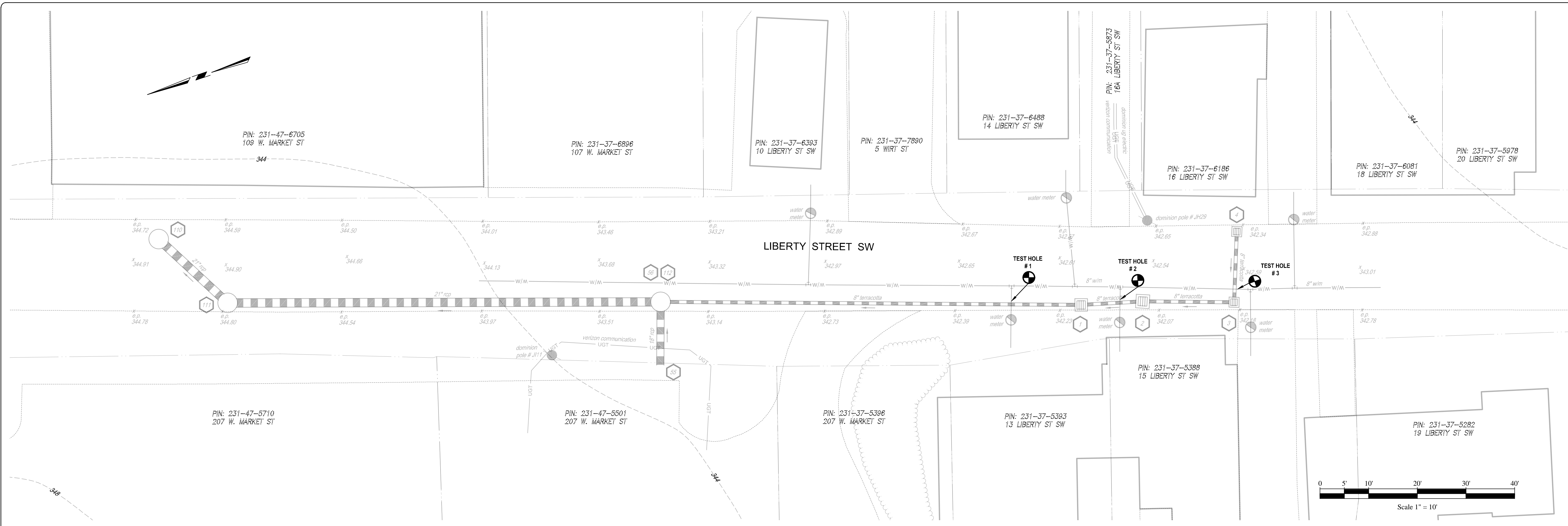
**TOWN OF LEESBURG**  
**LIBERTY STREET**  
**DRAINAGE STUDY**

LOUDOUN COUNTY, VIRGINIA  
 TOWN OF LEESBURG

**EXISTING CONDITIONS**



DATE: 01/12/2018  
 FILE NO:  
 DRN: CAS  
 CKD: DEP  
 SHEET 2 of 3



**STORM SEWER DESIGN COMPUTATIONS**

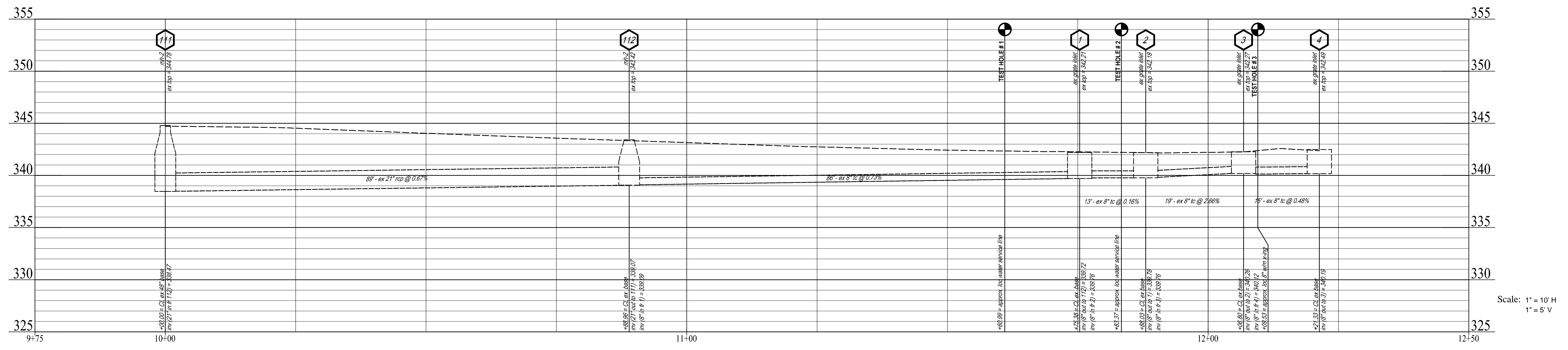
FROM	TO	TYPE OF STR.	DRAIN AREA	RUNOFF COEF.	CxA		TIME OF CONCENTRATION				TOTAL FLOW	PIPE RUN					CAPACITY OF PIPE	ACTUAL VELOCITY		
					INCR.	ACCUM.	TC	TIME	ACCUM.	I		"N" LENGTH	TYPE	RISE	UPPER	LOWER			SLOPE	CAPACITY
4	3	DI-1	0.60	0.70	0.42	0.42	5.00	0.11	5.11	7.27	3.05	15	TERRA	8	340.19	340.12	0.48	0.78	2.24	2.24
3	2	DI-1	0.06	0.90	0.05	0.47	5.11	0.03	5.03	7.27	3.45	19	TERRA	8	340.26	339.76	2.66	1.84	5.26	9.87
2	1	DI-1	0.01	0.80	0.01	0.48	5.03	0.02	5.13	7.27	3.50	13	TERRA	8	339.78	339.76	0.16	0.45	1.28	10.04
1	112	DI-1	0.17	0.75	0.13	0.61	5.03	0.11	5.22	7.27	4.43	86	TERRA	8	339.72	339.09	0.73	0.96	2.75	12.69
112	111	MH-2	1.52	0.80	1.22	1.83	5.13	0.27	5.30	7.27	13.27	89	RCP	21	339.07	338.47	0.67	13.05	5.42	5.52
111	110	MH-2	0.00	0.00	0.00	1.83	5.22	0.06	5.09	7.27	13.27	19	RCP	21	338.42	338.24	0.93	15.34	6.38	5.52

**HYDRAULIC GRADE LINE**

INLET STATION	OUTLET WATER SURFACE ELEVATION	Do	Qo	Lo	Sfo%	Hf	JUNCTION LOSSES										FINAL H	INLET WATER SURFACE ELEVATION	RIM ELEVATION	REMARKS	FREE-BOARD (FT)	HOW OUTLET WSE DETERMINED	
							Vo	Ho	Qi	Vi	QVI	V/2g	Hi	ANGLE	H_delta	Ht							1.3 Ht
112	339.87	21	13.27	88.96	0.81	0.72	5.52	0.12	4.43	12.69	56.25	2.50	0.88	0	0.00	0.99	0.50	1.22	341.09	342.18	OK	1.09	0.8D
1	341.09	8	4.43	88.41	15.51	13.40	12.69	0.63	3.50	10.04	35.18	1.56	0.55	4	0.04	1.21	0.61	14.01	355.10	342.21	BAD	-12.89	IWSE
2	355.10	8	3.50	12.65	9.70	1.23	10.04	0.39	3.45	9.87	34.02	1.51	0.53	4	0.04	0.96	0.48	1.71	356.80	342.18	BAD	-14.62	IWSE
3	356.80	8	3.45	18.77	9.38	1.76	9.87	0.38	3.05	2.24	6.83	0.08	0.03	88	0.05	0.46	0.23	1.99	358.80	342.27	BAD	-16.53	IWSE
4	355.10	8	3.05	14.53	7.37	1.07	2.24	0.02							0.00	0.02	0.03	1.10	356.19	342.49	BAD	-13.70	IWSE

THE STARTING WATER SURFACE ELEVATION 339.80 (ADJUSTED TO NAD 83) IS FROM "WEST MARKET STREET STORM DRAINAGE IMPROVEMENTS" APPROVED IN MAY 1999 BY PACIULLI, SIMMONS & ASSOCIATES.

**EXISTING STR 4 TO STR 111**



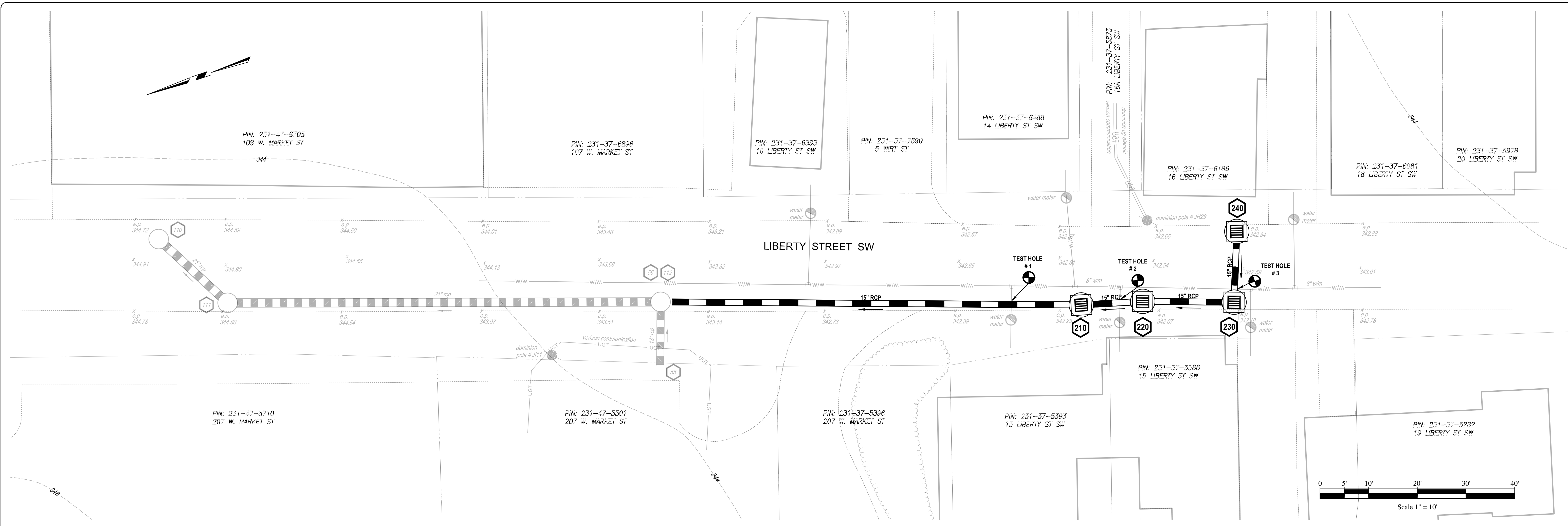
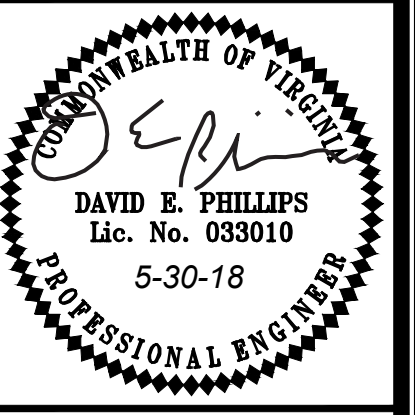
Scale: 1" = 10' H  
 1" = 5' V



**TOWN OF LEESBURG**  
**LIBERTY STREET**  
**DRAINAGE STUDY**

LOUDOUN COUNTY, VIRGINIA  
TOWN OF LEESBURG

**ALTERNATIVE I**



**STORM SEWER DESIGN COMPUTATIONS**

FROM	TO	TYPE OF STR.	DRAIN AREA	RUNOFF COEF.	CxA		TIME OF CONCENTRATION				TOTAL FLOW	PIPE RUN				CAPACITY OF PIPE		ACTUAL VELOCITY		
					INCR.	ACCUM.	TC	TIME	ACCUM.	I		"N" LENGTH	RCP= TYPE	RISE	UPPER LOWER	SLOPE	CAPACITY		VELOCITY	
240	230	DI-1	0.60	0.70	0.42	0.42	5.00	0.06	5.06	7.27	3.05	15	RCP	15	340.17	340.09	0.55	4.81	3.92	4.13
230	220	DI-1	0.06	0.90	0.05	0.47	5.06	0.11	5.11	7.27	3.45	19	RCP	15	339.99	339.89	0.53	4.73	3.85	2.81
220	210	DI-1	0.01	0.80	0.01	0.48	5.11	0.07	5.13	7.27	3.50	13	RCP	15	339.79	339.72	0.55	4.82	3.93	2.86
210	112	DI-1	0.17	0.75	0.13	0.61	5.11	0.40	5.46	7.27	4.43	86	RCP	15	339.62	339.17	0.52	4.67	3.81	3.61
112	111	MH-2	1.52	0.80	1.22	1.83	5.13	0.27	5.38	7.27	13.27	89	RCP	21	339.07	338.47	0.67	13.05	5.42	5.52
111	110	MH-2	0.00	0.00	0.00	1.83	5.46	0.06	5.17	7.27	13.27	19	RCP	21	338.42	338.24	0.93	15.34	6.38	5.52

**HYDRAULIC GRADE LINE**

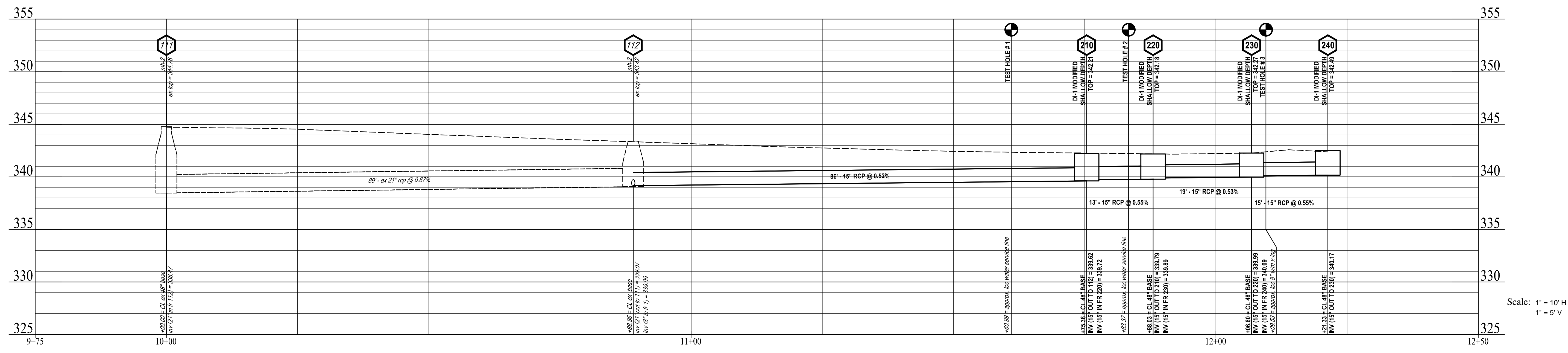
INLET STATION	OUTLET WATER SURFACE ELEVATION	Do	Qo	Lo	Sfo%	Hf	JUNCTION LOSSES										FINAL H	INLET WATER SURFACE ELEVATION	RIM ELEVATION	REMARKS	FREE-BOARD (FT)	HOW OUTLET WSE DETERMINED		
							Vo	Ho	Qi	Vi	Qv1	V2/2g	Hi	ANGLE	H_delta	Ht							1.3 Ht	0.5 Ht
Downstream WSE = 339.80																			0.72	340.59	343.42	OK	2.83	0.8D
112	339.87	21	13.27	88.96	0.70	0.62	5.52	0.12	4.43	3.61	16.00	0.20	0.07	0	0.00	0.19	0.09	0.72	340.59	343.42	OK	2.83	0.8D	
210	340.59	15	4.43	86.41	0.47	0.40	3.61	0.05	3.50	2.86	10.01	0.13	0.04	4	0.00	0.10	0.05	0.45	341.04	342.21	OK	1.17	IWSE	
220	341.04	15	3.50	12.65	0.29	0.04	2.86	0.03	3.45	2.81	9.68	0.12	0.04	4	0.00	0.08	0.04	0.08	341.11	342.18	OK	1.07	IWSE	
230	341.11	15	3.45	18.77	0.28	0.05	2.81	0.03	3.05	4.13	12.60	0.26	0.09	88	0.18	0.31	0.15	0.21	341.32	342.27	OK	0.95	IWSE	
240	341.32	15	3.05	14.53	0.22	0.03	4.13	0.07						0.00	0.07	0.09	0.12	341.44	342.49	OK	1.05	0.8D		

THE STARTING WATER SURFACE ELEVATION 339.80 (ADJUSTED TO NAD 83) IS FROM "WEST MARKET STREET STORM DRAINAGE IMPROVEMENTS" APPROVED IN MAY 1999 BY PACIULLI, SIMMONS & ASSOCIATES.

**GRATE INLET COMPUTATIONS**

INLET NO.	AREA	C	I	TYPE	Q TO INLET	PONDED DEPTH	% INTERCEPTION	PICKUP Q	BYPASS Q	TOP ELEV	50% BLOCKED ELEV (10 YR)
240	0.60	0.70	7.27	DI-1	3.05	0.37	100	3.05	0	342.49	342.86
230	0.06	0.90	7.27	DI-1	0.39	0.09	100	0.39	0	342.27	342.36
220	0.01	0.80	7.27	DI-1	0.06	0.03	100	0.06	0	342.18	342.21
210	0.17	0.75	7.27	DI-1	0.93	0.17	100	0.93	0	342.21	342.38

**STR 240 TO EXISTING STR 111**



Scale: 1" = 10' H  
1" = 5' V