

THE PRINCE GEORGE'S COUNTY GOVERNMENT



DEPARTMENT OF ENVIRONMENTAL RESOURCES DIVISION OF ENVIRONMENTAL MANAGEMENT WATERSHED PROTECTION BRANCH

May 5, 1993

The Honorable Robert W. Werge Mayor Town of University Park 6724 Baltimore Avenue University Park, Md. 20782

Re: Municipal Storm Drain
Acceptance Program
Town of University Park

Dear Mayor Werge:

Last year the County initiated a Municipal Storm Drain Acceptance Program, the purpose of which was to identify drainage systems within municipalities which had not been formally approved and accepted for County maintenance and to determine the corrective measures, if any, that would be necessary to bring these systems into conformance with County standards. Ultimately, these upgraded systems would be included in our inventory of County maintained storm drainage facilities. Our original approach was to divide the program into identification, evaluation and upgrade phases.

During the course of inspection of these systems, it became evident that deferring routine maintenance until acceptance may not be the best way to proceed. Therefore, in October 1992 the Department of Public Works and Transportation adopted a policy which provides for the routine maintenance of all accessible systems, with certain necessary exceptions. At the same time, the Watershed Protection Branch reassessed various aspects of the original program in an effort to minimize most up-front expenditures by the municipalities, eliminate unnecessary engineering evaluations and to generally simplify the overall process. The result was a revised maintenance policy and a Municipal Storm Drain Acceptance Program which can be summarized as follows:

- Immediate acceptance of all public storm drains which are known to exist and which are within road rights of way or suitable easements, for either full, limited or conditional maintenance by Prince George's County. Generally, limited maintenance means that parts of the system are not maintainable due to no access, inability to withstand available cleaning techniques or structural failure and that major reconstruction may be necessary to bring the system to a satisfactory level of function or maintainability. Conditional maintenance means that the system may have structural or hydraulic

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inadequacies but is otherwise fully maintainable; upgrading may be necessary if inadequacies could lead to serious flooding problems. Prince George's County will perform the highest level of maintenance possible on these systems and will be responsible for any necessary system upgrade.

The following types of drains are not considered public and would therefore not qualify for acceptance under this program:

- * Subsurface (groundwater) systems including foundation drains, sump pump discharge lines, French drains, etc.
- * Drains on private property which serve only that property, are not critical for the prevention of serious home or residential property flooding and or serve a purpose other then interception and conveyance of stormwater runoff.
- * Drains installed by the property owner without a County permit.

Engineered ditches/channels will be maintained in the same manor as pipes. Natural non-engineered ditches or streams will not be County maintained, except to the extent necessary to prevent or reduce the risk of flooding of habitat structures (eg debris removal). Erosion problems associated with natural streams will be addressed on a case by case basis, generally through the Capital Improvement Project (CIP) process.

- In all cases except as indicated above, systems will be maintained to the fullest extent possible and upgraded on a prioritized schedule.
- Prince George's County will assume the responsibility for engineering evaluations, preparation of as-built plans and easement descriptions, if necessary. The municipality may provide any of these services, at its option to facilitate expediency.
- Municipalities must assume responsibility for locating systems which are not shown on County records and also for any easement acquisitions. County personnel can not enter private property for the purpose of storm drain maintenance unless a suitable easement exists.
- In some cases, the condition of a road may not allow a system to function properly; the County will not undertake road repairs (on non-County roads) in order to cause a drainage system to function properly, but will advise the municipality regarding needed road repairs. The following types of drainage features are considered road appertainences and are the responsibility of the road authority:

The Honorable Robert W. Werge May 5, 1993 Page Three

- * curb and gutter
- * roadside ditches
- * driveway culverts within the road right of way
- * road culverts and bridges
- The County will prioritize corrective actions requiring Capital Improvement Program (CIP) projects and program these projects on a Country -wide basis as resources permit. However, at its option, each municipality may prioritize proposed capital projects within its jurisdiction.
- The County will provide each municipality with a copy of its records showing the various systems within the municipality, the level of maintenance that can be performed on these systems and its proposal, if any, for upgrading deficient systems. This information will be compiled upon completion of system inspections by the County Department of Public works and Transportation. Although the system inspections within a few municipalities are complete, overall approximately half of the required inspections have been completed to date.

The systems inventory for University Park has been completed, however; the County Department of Public Works and Transportation has not completed its system inspection. Our currently anticipated completion date for the systems inventory and recommendations for the City of College Park is fall of 1993. Should you have any questions concerning the status of a specific system within your jurisdiction or wish to provide us with information relating to a particular system or problem please contact Mary Conway at (301) 925-5782. You may contact me at (301) 925-5922 with any general questions concerning our Acceptance Program.

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Edward W. Reid Section Head

Development Review Section

cc: Walter Dombroski, Chief, Storm Drain Maintenance, DPW&T SueEllen Ferguson, Attorney, Town of University Park

MAINTENANCE REPORT

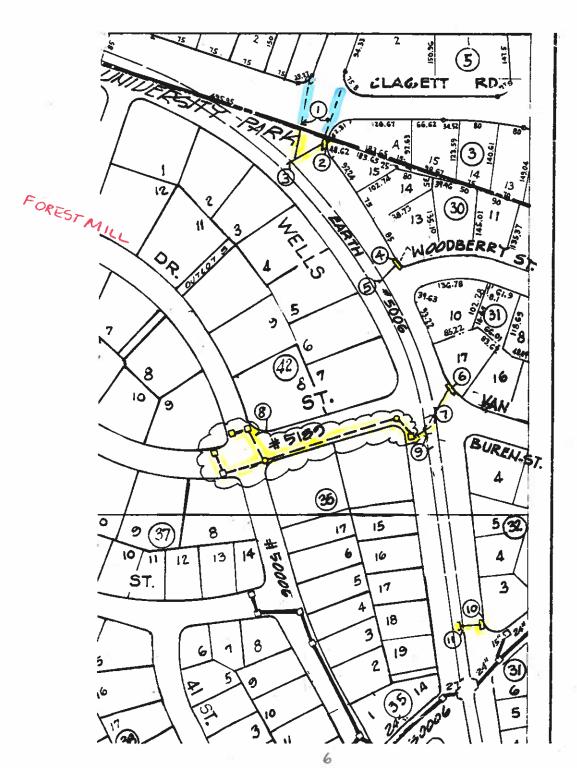
SUBDIVISION NAME University Park STREET: Wells Pkwy 200' SHEET NUMBER: 208 NE 3

NUMBER	TY	PE	PROBL	EM	LOCATION	I
i	Yard			osen't meet	te Wells	PKwy
2	Curb	inlet	hone		Wells	PKWY
	nendat not acceptly a	non: Accept #1 And Struct An	due to it	2 and the 3 location not meet	1	

MAINTENANCE REPORT

SUBDIVISION NAME University Park. STREET: Wells Pky, Van Buren St., Forest Hill Dr. (10f2)

200' SHEET NUMBER: 208 NE 3



MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: Wells Pky, Van Buren St., Forest Hill Dr. (20f2) 200' SHEET NUMBER: 208 NE 3

NUMBER	TYPE	PROBLEM	LOCATION
<i>I</i> = ==	Inflow pipes ent System from ou University Park	\sim	Wells PKwy, Clagett Rd
2 4 6 10	Curb inlets	not shown on 200' sheet	Wells Pkwy
3579 11	outfalls	not shown on 200' sheet, no endwall structur	earthen channel along Wells Pkwy 15

8 Storm drain system none Van Buren St. of numbered 5189 Forest Hill Dr. enclosed in ED

Recommendation: accept all the storm drain shown that falls within University Park.

MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: Underwood St., Queens Chapel Rd. (pg 10f3) 200' SHEET NUMBER: 208 NEA

PE P	ROBLEM	LOCATION
		m ====================================
inlet d	ebris	Underwood St.
hole ,	none	Underwood St.
(not sho	wn on 200'sheet))
inlet	none	Queens Chapel
(installe	d by WMATA	×
AO. Bros to	GANGE TO STAND THE STAND TO STAND THE STAND TH	7 15 15 15 14 15 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15
	not sho inict (Installe UNIVERSITE ELEMENTA 7 5 18 11 DEET	(not shown on 200 sheet) Inlet none (installed by WMATA 22) UNIVERSITY PARK ELEMENTARY SCHOOL 32 5 18 11 13 0 16

MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: Underwood 5t., Queens Chapel Rd. (continued 20f3) 200' SHEET NUMBER: 208 NE. 4

NUMBER	TYPE	PROBLEM	LOCATION
4	Storm drain	private WMATA drain for Emergency Excape tunnel.	Queens Chapel Rd.
5	grouted rip-rap out fall		Queens Chapel Rd.
6	out fall WR inlet	none (installed by WMATA)	Queens Chapet Rd.
7	Outfall	none	Queens Chapel Rd.
8	Bridge	debris clagging	Queens Chapel Rd. Queens Chapel Rd.
	\$1	1 Chamber of 2	
0	1.10	chamber bridge	
9	WA inlet	none	Queens Chapel Rd
10	curb inlet	none	43 rd Ave.
/1	Storm drain pi	none pe RCP and CMP	43 rd Ave 43 rd Ave
		pipes CMP closent muet Std's	
12	endwall	Soil under endwall	43 rd Ave
	260	is severely undermin	ned

MAINTENANCE REPORT

STREET: Underwood St., Queens Chapel Rd. 200' SHEET NUMBER: 208 NE 4 (30f3)

Recommendation: accept the entire storm drain

System shown dotted from Underwood st. down

Queens Chapel Rd. Outfalling into 76018. (#1 and #2)

Accept the Storm drain at the bridge on

Queens Chapel Rd (#6,7,9,3). Accept the

inlut only at the end of 43. 10 Ave. (#10)

Not recommended for maintenance:

The private pipe from WMATA's emergency

escape tunnel (#4) and the associated outfall

(#5); due to non-Standard growted rip-rap

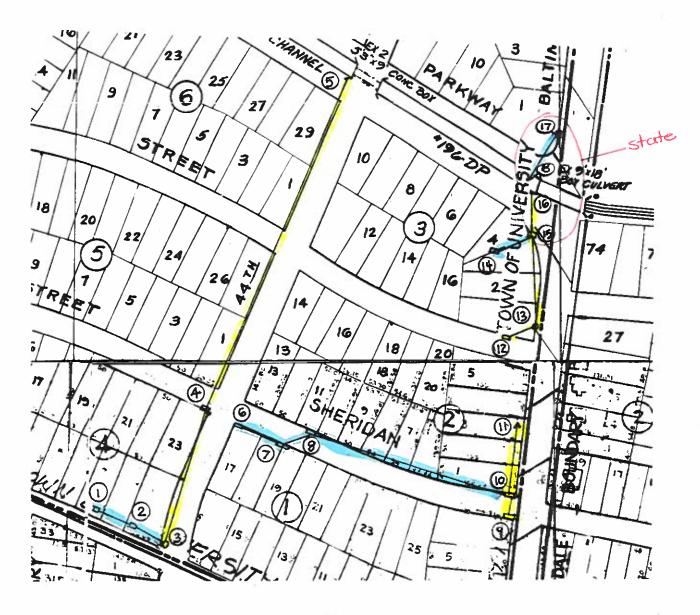
Outfall.

The Storm drain pipe from inlut #10 (Shown US #11 on plan) is CMP and dosen't must standards. Outfall #12 is severly undermined and actively evoding. A good chance of pipe and Structure failure exists at endwall #12.

The Country will maintain only the waterway opening of #8 to convey Stormwater, but will not structurally maintain the bridge.

MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: 44th, Sheridan St., Route 410, Underwood St., Wells PKWU 200' SHEET NUMBER: 208 NE4 Tuekerman St. (1055)



MAINTENANCE REPORT

SUBDIVISION NAME University Park

STREET: 44th, Sheridan St., Route 410, Underwood St., Wells PKWY 200' SHEET NUMBER: 208 NE4 Tuckerman St. (20f 5)

200 011	EE! NUMBER. 208	NET TUBERTY	er 5 (20) =)
NUMBER 1,2	TYPE yard inlets	problem not built to web stds, located on private property	LOCATION East-West Hwy
3 3	manhole	(not on 200' sheet) (not shown on 200' sheet), on private nmerty, SHC: top	44th and East- West Hwy
4	curb inlet	may be on state proper (not shown on 200' sheet)	Sheridan St.
5	outfall into bridge wingwall	none	44 th
6,7	curb inlet	completely clogge with dubris (not shown on 20 sheet)	00'
8,9,10	curb inlets	none (not on Zoo'sheet)	Underwood St.
11	Stormdrain	Unable to determine outfall location, pipe doesn't connect structures 12 or 13 not shown on 200'	at Sheet)

MAINTENANCE REPORT

SUBDIVISION NAME: University Park.
STREET: 44th, Shendan St., Route 410, Underwood St., Wells Pkwy
200' SHEET NUMBER: 208 NE4 Tuckerman St. (3095)

NUM	BER TYPE	PROBLEM	LOCATION
12	curb inle	t none (not shown on 200' sheet)	Tucker man St.
13	man hole	none (not shown on 200' sheet)	Route 1
ľΨ	curb inlet	located on private property, drains only church parking (not on zoo sheet private system	Church Parking 10+
15	curb inlet		wells PKwy
16	into bridge wing wall	none (not shown on 200' sheet)	wells PKwy
17	wr inlet	located in SHA RIW	Route 1
18	outfall	none (not on 200' sheet)	wells Parkway

MAINTENANCE REPORT

STREET: 44th, Sheridan St., Route 410, Underwood St., Wells PKwy 200' SHEET NUMBER: 208 NE4 Tuckerman St. (40f5)

Recommendation: Accept the storm drain line down 44th Ame from the manhole at Rt 410 (#3) to the outfall (#5) at the bridge, this includes the inlet at Sheudan St. # (4). Do not accept the yard inlets and associated storm drain pipe (#1 and #2) due to their location on private property and non conformance with standard construction practices).

Do not accept the system on Shudan St. numbered 6,7,8 and associated storm drain pipe to structure 10. The system is completely clagged with debris and has not functioned for an extended time period. The pipe inverts are not visable due to the formation of topsoil in the injuts formed from years of decomposing leaves. After the system is cleaned a determination of the condition of the pipe needs to be made. Since the system has not been functioning and no adverse effects have occured thus far it may be possible the system is not necessary.

MAINTENANCE REPORT

STREET: 44th, Shendan St., Route 410, underwood St., Wells Pkwy 200' SHEET NUMBER: 208 NE4 Tucker man St. (50f5)

Inlets 9 and 10 may be sufficient to convey the storm water on Sheridan st. Accept the Inlets 9 and 10; nowever, during phase I the outfall of the system needs to be determined.

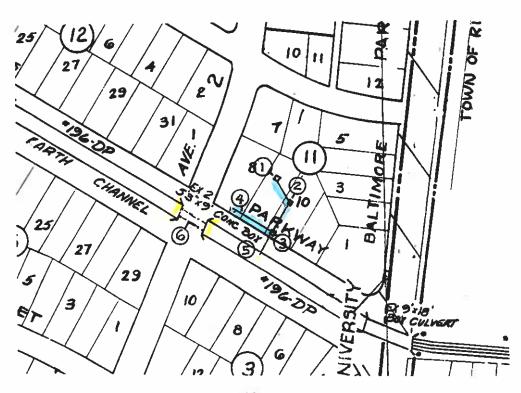
Accept inlet #12 on Tucker man St, manhole #13, inlet 15, and the outfail into the bridge (#16) for maintenance. Do not accept inlet # 14 and the associated storm drain pipe because it's on private property and recieves runoff from the church parking lot only (private septem)

Do not accept inlet 17 because it drains
Route 1. This is the State Highway Administration's
responsibility. The County will maintain the
out fall from the State's system #18; however,
the County will only be responsible for
insuring that the outfall remains free flowing
not for the Structural integrity of the outfall
pipe.

MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: 44th Ave, Wells Pkwy (10f2) 200' SHEET NUMBER: 208 NE4

NUMBER	TYPE	PROBLEM	LOCATION
1,2,3	yard inlets	do not meet	wells Pkwy
		WPB std's, located	$\mathcal{L}_{\mathcal{L}}$
		on private property (not shown on 200' sheet)	
	•		
4	Storm drain pipe	outfalls into struc	ture #3 on wells Pkuy
	· •	but inflow not	¥.
		locatable	



MAINTENANCE REPORT

SUBDIVISION NAME: University Park STREET: 44th Ave, Wells Pkwy (2 of 2)

200' SHEET NUMBER: ZOS NE 4

NUMBER	TYPE	PROBLEM	LOCATION
5	outfall	none (not shown on 200' sheet)	wells Pkwy
6	Bridge	structure unsafe road closed	44th Ave

Recommendation: Do not accept the system for maintenance (#1 thru #4) due to the following:

a.) Structures do not meet WPB standards.

b) structures located on private property.

Accept for maintenance #5; however, DPW&T. Storm drain maintenance will only be responsible for insuring the outfall remains free flowing, not for structural integrity of outfall pipe.

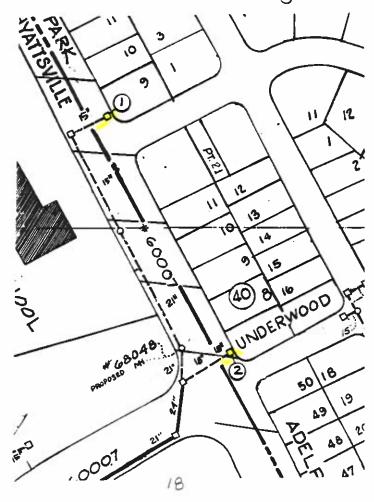
The (ounty will maintain only the waterway opening of #6 to convey Stormwater, but will not structurally maintain the bridge.

MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: Adelphi Rd. 200' SHEET NUMBER: 208 NE3

NUMBER	TYPE	PROBLEM	LOCATION
1	Curb inlet	none	on Adelphi Rd above
			Van Buren St.
2	curb inlet	none	on Adelphi Rd above
			Underwood St.

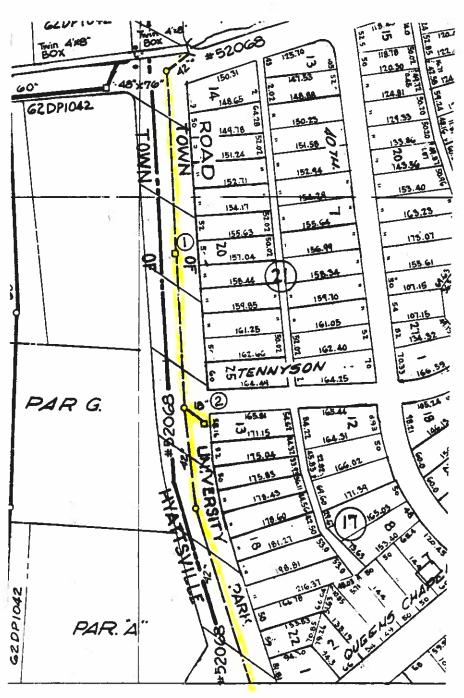
Recommendation: Accept the part of 60007 (inlets land 2) that are within University Park.



MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: Adelphi Rd.

200' SHEET NUMBER: 208 NE 3



inlet on Adelphu Rd was not locatable during field investigation

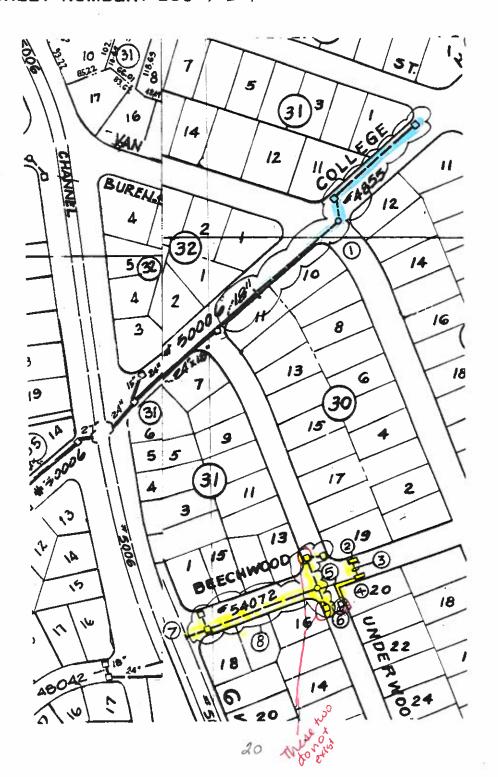
Z Curb met no problem located as Showr on Adelphi Rd.

Recommendation:

Accept curb inlet along Adephi Rd for maintenance All storm drain in road R/W.

MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: College Heights Dr., Buchwood Rd., Underwood Rd. (10f3) 200' SHEET NUMBER: 208 NE 4



MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: College Heights Dr. Buchwood Rd., Underwood Rd. (20f3) 200' SHEET NUMBER: 208 NE 4

NUMBER	R TYPE	PROBLEM	LOCATION
I	Storm drain System	System dosent (exist	College Heights Dr.
2,3,6	curb inlets	not shown on 200' sheet	Beechwood Rd. & Underwood Rd.
3	Storm drain pipe	pipe is PVC	Beechwood Rd.
5	manhole/F.C.	Storm clrains Connect within a manhole thats not locatable or a field connection not recorded.	Beechwood Rd.
7	outfall	none	wells Parkway
8	stormdrain system shown in	none	Beechwood Rd-g Underwood Rd.

MAINTENANCE REPORT

SUBDIVISION NAME University Park

STREET: College Heights Dr., Beechwood Rd, Underwood Rd. (30/3) 200' SHEET NUMBER: 208 NE 4

NUMBER

TYPE

PROBLEM

LOCATION

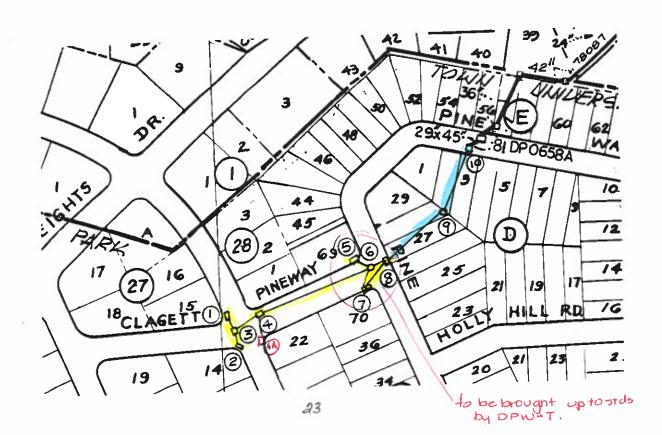
Recommendation: accept entire system in Buehwood Rd for maintenance. WSSC repaired the pipe under Beechwood Rd. replacing broken pipe with PVC.

Remove dotted system on College Heights Dr. from 200' sheet.

MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: System in Clagett-Pineway, Pine Way (10f2) 200' SHEET NUMBER: 208 NE4

NUMBER	TYPE	PROBLEM	LOCATION
234	grate inlets	not shown on 200' Sheet	Clagett-Pineway & Clagett Rd.
5 7 8	curb inlets	not shown on 200' Sheet	Claget -Pineway &
6	manhole	not shown on 200' sheet	Pine Way



MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: System in Clagett Pineway, Pine Way (20f2) 200' SHEET NUMBER: 208 NE 4

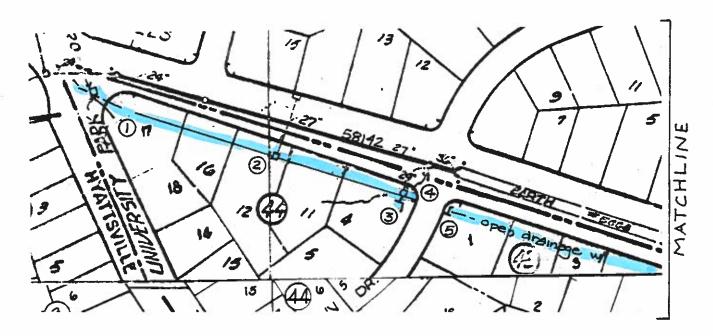
NUMBER	TYPE	PROBLEM	LOCATION
9	Yard inlet Storm drain from Structure 8 to 10	inlet has cracked, dosen't appear to be a Standard structure located on private property	
10	Storm drain	void in the yard indicating the posible of pipe failure	Lot 3 Pine Way

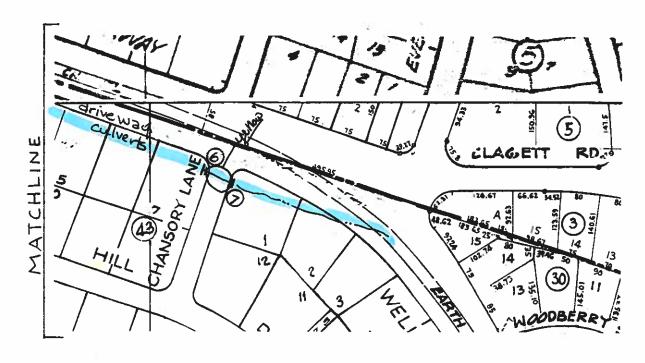
Recommendation: Accept system on Clagett-Pineway and Pine way located on public road. (Structures 1-8). Do not accept structure 9 and associated storm drain pipe located on private property. Structure 9 is substandard and broken. The storm drain pipe appears damaged and undersized due to location in sump area with inadequate 100 year overflow path.

MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: Wells Parkway (10f3)

200' SHEET NUMBER: 209 NE 3 208 NE 3





MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: Wells Parkway (20f3)

200' SHEET NUMBER: 209 NE3, 208 NE3

NUMBER	TYPE	PROBLEM	LOCATION
1,,,	Branhole with D top in grassy area	see footnote	wells Pkwy
2	B manhole with D top on lot	see foot note	wells Pkwy
3,6	head wall	See footnote	wells Pkwy
4	manhole	see foot note	Wells Pkwy
5,7	endwall	see footnot	e Wells Pkwy

Footnote: Field investigation inducates system is located on private lots, most probably within 10' Public Utility Easement, not in the roadway as shown on the 200'sneet.

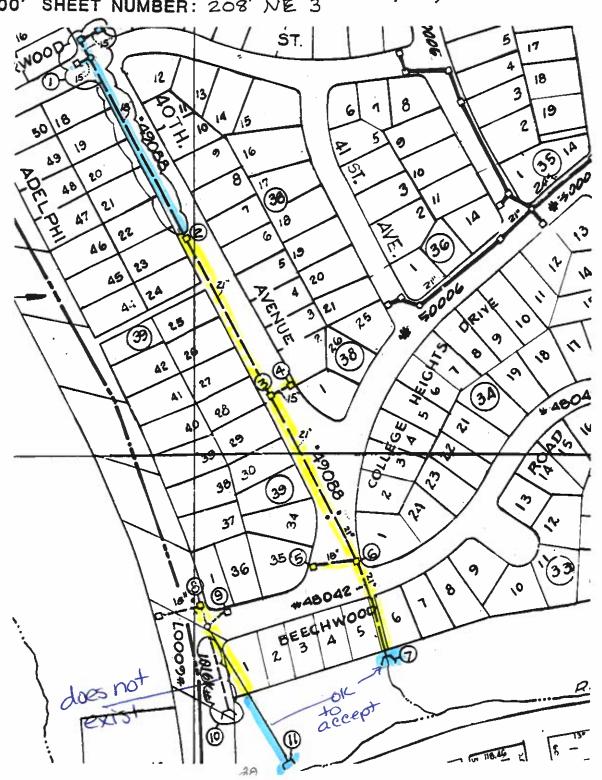
MAINTENANCE REPORT

STREET: Wells Parkway (30f3) 200' SHEET NUMBER: 209 NE3 208 NE3

Recommendation: Accept entire system for maintenance provided system is located in public easement. The country will not occept the private driveway culverts crossing the open channel for lot access. Maintenance of the earthern channel will be limited to channel stability and adequate conveyance of Stormwater. Aesthetic maintenance including mowing will be performed by individual lot owners or the Town of University Park. If the open drainage is located on private lots without the recessary easements the country will not maintain the channel.

MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: 40th Ave, Add phe Rd. (10f3) 200' SHEET NUMBER: 208 NE 3



MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: 40th Ave, Adelphi Rd. (2 of 3) 200' SHEET NUMBER: 208 NE3

NUMBER	TYPE	F	PROBLEM	LOCATION
1 5 e	Storm drain sys	Hen D	n dosenit exist upon field ins	40th Ave
	urb inlets	ı	no problem	40th Ave
	outfall	r has rep pur	no endwall; Town 5 modified to pair a pipe brain is exposed.	n Park prop. (Toledo Rd.) eak
8 cur	b inlets			Adelphi and Beechwood Rds.
10 stor encla	rm drain syste ised in CCC	m	not properly located on 200' Sheet	Park prop. (Toledo Rd.)
11 end	wall	no	problem	Park property

(Toledo Rd.)

MAINTENANCE REPORT

SUBDIVISION NAME: University Park STREET: 404h Ave, adelphi Rd (30f3) 200' SHEET NUMBER: 208 NE3

Recommendation: Accept entire system as shown except for outfalls 11 and 7. The outfalls are on parkland owned by the Town of University Park and lack the necessary Pasements for maintenance.

MAINTENANCE REPORT

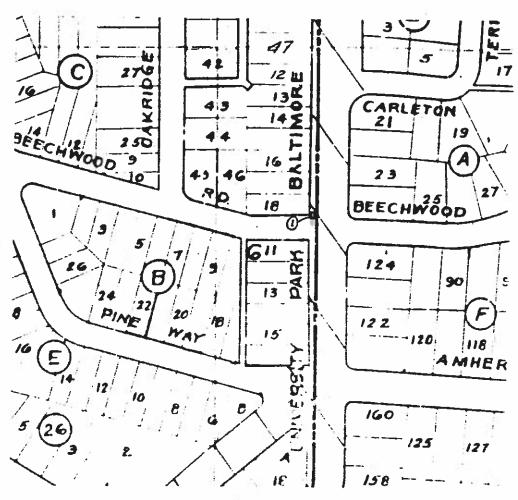
SUBDIVISION NAME University Parks STREET: Route 1 at Becchwood Rd.

200' SHEET NUMBER: 208 NE4

NUMBER TYPE PROBLEM LOCATION

1 grate inlet SHA RIW Rt 1 at Beechwood
Rd.

Recommendation: Inlet located in State R/W and will be maintained by the State of Maryland.



MAINTENANCE REPORT

SUBDIVISION NAME University Park STREET: Route 410, Queens Chapel Rd.

200' SHEET NUMBER: 207 NE 3

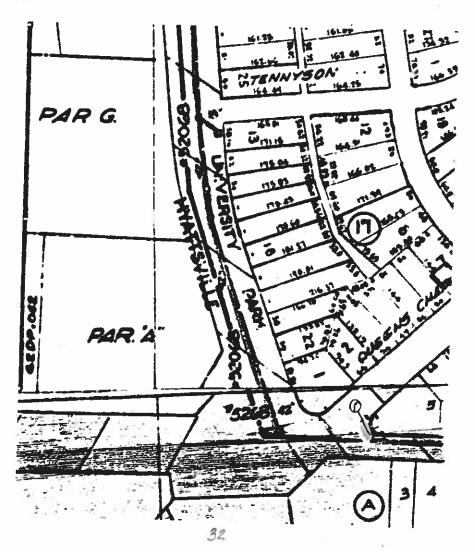
NUMBER TYPE

PROBLEM

LOCATION

wR inlet located in 410 R/W Queens Chapel Rd and Rt. 410

Recommundation: inlet trains 410 (state highway) and will therefor be maintained by the State of Md.



MAINTENANCE REPORT

SUBDIVISION NAME University Dark STREET: Adelphi Rd.

200' SHEET NUMBER: 208 NE3

LOCATION PROBLEM NUMBER TYPE inlet Inlet field connects none into box culvert on Adelphi Rd.

Recommendation: Accept inlet for maintenance.

