# County Council Of Howard County, Maryland

2010 Legislative Session Legislative Day No. 13

## Resolution No. 135 -2010

Introduced by: The Chairperson at the request of the County Executive

A RESOLUTION approving an amendment to the Howard County Master Plan for Water and Sewerage, consisting of tables and maps incorporating various revisions, including the:

1. Revision of the priority designations assigned in the Master Plan to certain capital projects and private development; and
2. Update of the water and sewer facilities maps to reflect entries into the Metropolitan District.

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Introduced and read first time _____, 2010.

By order _____
Stephen LeGendre, Administrator

Read for a second time at a public hearing on _____, 2010.

By order _____
Stephen LeGendre, Administrator

This Resolution was read the third time and was Adopted___, Adopted with amendments___, Failed___, Withdrawn___, by the County Council on _____, 2011.

Certified By _____
Stephen LeGendre, Administrator

Approved by the County Executive _____, 2011

_____
Ken Ulman, County Executive

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN SMALL CAPITALS indicates additions to existing law; Strike-out indicates material deleted by amendment; Underlining indicates material added by amendment

**WHEREAS,** Title 9, Subtitle 5 of the Environment Article of the Annotated Code of Maryland requires each county governing body to adopt a Master Plan for Water and Sewerage and to review the plan every 3 years; and

**WHEREAS**, the County Council and County Executive approved a comprehensive revision of the Master Plan for Water and Sewerage by adoption of Council Resolution No. 77-2008 on October 6, 2008; and

**WHEREAS**, the Department of Public Works prepares semiannual updates to keep the Master Plan current; and

**WHEREAS**, the first semiannual update for 2010 was adopted by Council Resolution No. 57-2010 on June 7, 2010; and

**WHEREAS**, in accordance with the Master Plan and State law, the Department of Public Works has prepared and submitted for review and certification, the second semiannual update for 2010.

**NOW, THEREFORE, BE IT RESOLVED** by the County Council for Howard County, Maryland this ____ day of _____, 2011, that the Howard County Master Plan for Water and Sewerage is amended by adopting the tables and maps as attached hereto and incorporated herein.

AMENDMENT PACKAGE

HOWARD COUNTY MASTER PLAN
FOR WATER & SEWER
ROUTINE AMENDMENT

DECEMBER 2010

INCLUDES:

1. Report of the Review.
2. Revised Table 8, Immediate, 5-Year, 10 Year, and Comprehensive Priorities for Water System Development.
3. Revised Table 13, Immediate, 5-Year, 10-Year, and Comprehensive Priorities for Sewer System Development.
4. Water Facilities Map Revisions Code List.
5. Sewer Facilities Maps Revisions Code List.
6. Revised Sewer Facility Map.
7. Revised Water Facility Map.

NOTE: All other text from the April 2010 Master Plan remains unchanged.

# REPORT OF THE REVIEW

## MASTER PLAN FOR WATER AND SEWERAGE
## ROUTINE AMENDMENT
## December 2010

As specified in Chapter 1 of the Master Plan for Water and Sewerage as approved in April 2010, the Department of Public Works is committed to prepare Routine Amendments on a semi-annual basis. This Routine Amendment includes four tables and two sets of maps which account for subdivision activity and capital project construction through August 2010. This amendment, which is of limited scope, addresses three specific types of revisions to the Master Plan for Water and Sewerage:

1. Changes in Capital Project Schedules - As capital projects progress from planning to construction, the priority designations assigned in the Master Plan for Water and Sewerage to the properties served by these projects must be revised. Detailed criteria for determining the appropriate priority designations are given in Chapter 1 of the Master Plan for Water and Sewerage.

2. Changes in the Status of Private Development - As proposed private development progresses through the plan review and approval process administered by the Department of Planning and Zoning, the Master Plan for Water and Sewerage priority designation for affected properties must be revised in accordance with the Chapter 1 criteria. These revisions are of particular importance since the Maryland Department of the Environment will only approve water or sewer construction permits for proposed development which is assigned a priority specifying service within a maximum of five years.

3. Entries into the Metropolitan District - Properties which have been incorporated into the Metropolitan District necessitate revisions to the Master Plan for Water and Sewerage and the water and sewer facilities maps since the Metropolitan District boundary is shown on these maps. Likewise, properties removed from the Metropolitan District result in revisions to the boundary.

The contents of the amendment are described below:

1. Table 8 - Immediate, 5 Year, 10 Year, and Comprehensive Priorities for Water System Development - Revisions to this table incorporate changes in priority designations and project descriptions for water system capital projects. Projects which have been completed were deleted from the table.

2. Table 13 - Immediate, 5 Year, 10 Year, and Comprehensive Priorities for Sewer System Development - Revisions to this table incorporate changes in priority designations and project descriptions for sewer system capital projects. Projects which have been completed were deleted from this table.

3. Water Facilities Map - This map included at the end of the Master Plan for Water and Sewerage includes service priority and other revisions relating to the water system.

4. Sewer Facilities Maps - These maps included at the end of the Master Plan for Water and Sewerage include service priority and other revisions relating to the sewer system.

5. Water Facilities Map Revision Table - This table identifies each revision to the Water Facilities Map. Included are the subdivision or property owner name; tax map number; parcel or lot number; a description of the revision; and the reason for the revision. The table is inserted in the composite water map pocket (EXHIBIT B).

6. Sewer Facilities Map Revision Table - This table identifies each revision to the Sewer Facilities Map. Included are the subdivision or property owner name; tax map number; parcel or lot number; a description of the revision; and the reason for the revision. The table is inserted in the composite sewer map pocket (EXHIBIT C).

Each of the above items replaces its counterpart in the April 2010 Master Plan Amendment.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
3430 Courthouse Drive ▪ Ellicott City, Maryland 21043 ▪ 410-313-4400

James M. Irvin, Director

jirvin@co.ho.md.us
FAX 410-313-3408
TDD 410-313-2323

ENGINEER'S STATEMENT OF CERTIFICATION

December 2010

The water and sewerage projects proposed in the Howard County Master Plan for Water and Sewerage are adequate to meet the future system requirements as projected. The Master Plan for Water and Sewerage has been prepared based on population estimates, basic policy edicts and other basic data provided by the Howard County Office of Planning and Zoning, the Department of Public Works and the Howard County Health Department.

James M. Irvin
Director

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
3430 Courthouse Drive ■ Ellicott City, Maryland 21043 ■ 410-313-2350

Marsha S. McLaughlin, Director

www.howardcountymd.gov
FAX 410-313-3467
TDD 410-313-2323

STATEMENT OF CERTIFICATION

December 2010

The water and sewerage projects and the water and sewer service areas proposed in the Master Plan for Water and Sewerage for Howard County are consistent with the Howard County General Plan, adopted on November 6, 2000 by the Howard County Council. The Master Plan for Water and Sewerage has been developed based upon land use objectives shown in the General Plan and population estimates provided by the Department of Planning and Zoning.

Marsha S. McLaughlin

Marsha McLaughlin
Director

11/10/10
Date

TABLE 8

IMMEDIATE, 5 YEAR, 10 YEAR, AND COMPREHENSIVE PRIORITIES FOR WATER SYSTEM DEVELOPMENT

| Capital Project Number | County Priority Assigned | Coordinate Location | Description | Project Costs ($) | | | Project Schedule | | | Pressure Zone | Model Run Year |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Total | PL660 Eligibility | Local | Prel Plans | Start Const. | Compl. Const. | | |
| W-8195 | Under Const. | 1379-594 | Design and construction of 8,100 feet of sewer to serve properties in the Albeth Heights area, and 5,700 feet of water main to loop the water system in the Waverly Woods Development. | 3,175,000 | - | 3,175,000 | 2001 | 2001 | 2011 | 630-W | 2010 |
| W-8199 | Under Const. | 1361-577 | Design and construction of 6,000 feet of 48" water transmission main along US 29 between MD 100 and MD 108. | 6,800,000 | - | 6,800,000 | 2003 | 2009 | 2011 | 550 | 2010 |
| W-8200 | 0-5 Years. | 1357-574 | Design and construction of improvement to the US 29 water pumping station to increase pumping capacity. | 1,685,000 | - | 1,685,000 | 2010 | 2010 | 2012 | 550 | |
| W-8220 [1] | 0-5 Years | N/A | A project for the planning, design and construction of major water facilities, mains, pumping stations, reservoirs and treatment plants in the Baltimore City Central Water System. | 36,050,000 | - | 36,050,000 | on-going | on-going | on-going | N/A | N/A |
| W-8227 | 0-5 Years | 1340-596 | Construction of approximately 3,050 ft. of 16" water transmission main and 3,050 feet of 12-inch water main to connect to the proposed Marriottsville Elevated Water Tank. | 1,905,000 | - | 1,905,000 | 2005 | 2009 | 2011 | 630W/730 | 2010 |
| W-8234 | Under Const. | 1361-577 | Design and construction of 2,600 ft. of 8" water main in Columbia Road to replace a 3" water main constructed in 1966. | 475,000 | - | 475,000 | 2003 | 2009 | 2011 | - | ? |
| W-8243 | Under Const. | 1363-583 | Replacement of approximately 8,000 ft. of 42" and 30" prestressed concrete cylinder pipe parallel to US Route 29 and Toll House Road between US Route 40 and MD Route 103. | 15,085,000 | - | 15,085,000 | 2003 | 2005 | 2011 | 550 | N/A |
| W-8248 | Under Const. | | Design and construction of water and sewer lines in conjunction with Maryland State Highway Administration and Howard County road projects prior to road construction. | 7,650,000 | - | 7,650,000 | on-going | on-going | on-going | - | N/A |
| W-8249 | 0-5 Years | 1376-556 | Replacement of approximately 9,000 ft. of 16" water main in Meadowridge Road between US Route 1 and MD Route 100. | 3,700,000 | - | 3,700,000 | 2003 | 2009 | 2011 | 550/ 400 | N/A |
| W-8255 | 0-5 Years | 1387-557 | Study and rehabilitation of 17,000 ft. of water main in the Harwood Park area. | 5,950,000 | - | 5,950,000 | 2004 | 2009 | 2010 | 400 | N/A |
| W-8256 | 0-5 Years | 1383-550 | Cleaning and relining of 7,000 ft. of water main in the Lennox Park area. | 600,000 | - | 600,000 | 2004 | 2009 | 2011 | 400 | N/A |
| W-8262 | 0-5 Years | 1366-541 | Design and construction of a 2.5 million gallon elevated water storage tank and related piping to serve the 400 Water Service Zone. (Guilford) | 5,275,000 | - | 5,275,000 | 2004 | 2010 | 2011 | 400 | |
| W-8263 | 0-5 Years | 1338-598 | Design and construction of a 1.25 million gallon elevated water storage tank and related piping to serve the 630 Water Service Zone (Marriottsville) | 4,300,000 | - | 4,300,000 | 2004 | 2010 | 2011 | 630W | 2010 |
| W-8264 | 0-5 Years | 1343-590 | Design and upgrade of the Frederick Road Water Pumping Station. | 890,000 | - | 890,000 | 2004 | 2010 | 2011 | 630W/ 730 | |
| W-8265 | 0-5 Years | 1353-560 | Rehabilitation or replacement of 1,000 linear feet of 30-inch diameter water main in the vicinity of US 29 and Broken Land Parkway. | 2,270,000 | - | 2,270,000 | 2005 | 2010 | 2011 | 550 | N/A |
| W-8267 | 0-5 Years | Various Sites | Project to develop a water valve database and provide for a continuing maintenace program for excercising of valves | 847,000 | | 847,000 | 2008 | on-going | on-going | on-going | on-going |
| W-8269 [2] | 0-5 Years | | Design and construction of major transmission mains to convey public water from Baltimore City to Howard County. The project will fund a cost sharing agreement between Baltimore City, Baltimore County and Howard County on improvements to the Baltimore City's Western Third Zone. | 35,000,000 | - | 35,000,000 | 2005 | on-going | on-going | N/A | N/A |
| W-8270 | 0-5 Years | | Design and construction of upgrades and improvements to the 400 Zone water supply. | 2,090,000 | - | 2,090,000 | 2006 | 2006 | 2010 | 400 | N/A |
| W-8271 | Under Const. | 1361-574 | Design and upgrade of Edgar Road Pumping Station | 675,000 | - | 675,000 | 2006 | 2008 | 2010 | 550/ 630E | |
| W-8273 | 0-5 Years | 1342-556 | Design and construction of 12-inch water main along Cedar Lane from Freetown Road to Harriet Tubman Lane. | 1,200,000 | - | 1,200,000 | 2008 | 2009 | 2010 | 550 | 2010 |
| W-8274 | 0-5 Years | Various sites | Project to Upgrade the Bureau of Utilities SCADA System | 1,108,000 | - | 1,108,000 | 2007 | 2007 | 2011 | | |
| W-8276 | 0-5 Years | 1396-568 | A project to evaluate the condition of 38,000 feet of 54-inch and 36-inch PCCP water transmission mains in Baltimore and Howard Counties and to repair or replace defective portions of pipeline. | 17,500,000 | | 17,500,000 | 2005 | 2007 | 2011 | N/A | N/A |

TABLE 8

IMMEDIATE, 5 YEAR, 10 YEAR, AND COMPREHENSIVE PRIORITIES FOR WATER SYSTEM DEVELOPMENT

| Capital Project Number | County Priority Assigned | Coordinate Location | Description | Project Costs ($) | | | Project Schedule | | | Pressure Zone | Model Run Year |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Total | PL660 Eligibility | Local | Prel Plans | Start Const. | Compl. Const. | | |
| W-8280 | 0-5 Years | 1337-542 | Design and construction of Fulton 500,000 Gallon elevated water storage tank, a 0.5 MG Hammond pumping station, and related upgrades to the existing Route 216 pumping station. | 6,500,000 | - | 6,500,000 | 2007 | 2009 | 2011 | 630S | 2010 |
| W-8284 | 0-5 Years | 1328-595 | Design and construction of 2,200 feet of 12-inch water main to West Friendship VFD for fire suppression purposes. | 685,000 | | 685,000 | 2008 | 2009 | 2010 | N/A | N/A |
| W-8285 | 0-5 Years | 1366-545 | Design and construction of 2,300 feet of 12-inch water main along Mission Road. | 1,000,000 | - | 1,000,000 | 2009 | 2011 | 2012 | 400 | 2020 |
| W-8286 | 0-5 Years | 1384-559 | A project to evaluate the condition of 12,500 feet of water main in the Ducketts Lane area between US Route 1 and I-95 and to rehabilitate or replace defective portions of the main. | 3,590,000 | | 3,590,000 | 2010 | 2011 | 2012 | 550 | N/A |
| W-8287 | 0-5 Years | 1380-551 | Design and construction of 600 feet of 12-inch water main in Dorsey Road to connect the 16-inch water main in Dorsey Run Road to the 12-inch main in Dorsey Road. | 350,000 | - | 350,000 | 2007 | 2010 | 2011 | 400 | 2007 |
| W-8292 | 0-5 Years | 1379-547 | Design and construction of 5,500 feet of 12-inch water main and relocation of 1,500 feet of sewer main within proposed Dorsey Run Road. | 1,900,000 | | 1,900,000 | 2009 | 2011 | 2013 | 400 | N/A |
| W-8293 | 0-5 Years | 1347-561 | Design and construction of 500 feet of 8-inch main to loop water system from Jerrys Drive to Hickory Ridge Road.. | 210,000 | | 210,000 | 2009 | 2010 | 2011 | 550 | N/A |
| W-8294 | 0-5 Years | 1363-571 | Design and construction of 600 feet of 8-inch main to loop water system from Rumsey Road to Executive Park Drive. | 285,000 | | 285,000 | 2009 | 2010 | 2011 | 630E | N/A |
| W-8295 | 0-5 Years | | A project to construct 250 ft. of 8-inch water connect main in Glen Oaks Lane and Guilford Road north of I-95. | 100,000 | | 100,000 | 2010 | 2010 | 2011 | 550 | |
| W-8296 | 0-5 Years | 1354-564 | Construction of 18,000 ft. of 36" water transmission main along U.S. Route 29 from the Route 29 Pumping Station to Broken Land Parkway. | 21,500,000 | - | 21,500,000 | 2010 | 2012 | 2014 | 550 | 2010 |
| W-8297 | 0-5 Years | 1347-546 | Construction of a water transmission main along Kindler Road from First League to Woodstream Way. This main will consist of 3,100 ft. of 12" pipe. | 1,100,000 | - | 1,100,000 | 2010 | 2011 | 2012 | 550 | 2010 |
| W-8298 | Under Const. | 1334-554 | Construction of a water main along Guilford Road from Walter Scott Drive west to Trotter Road. This main will consist of 820 ft. of 12" pipe. | 350,000 | - | 350,000 | 2010 | 2011 | 2012 | 630-W | 2010 |
| W-8299 | 0-5 Years | 1354-587 | Upgrading the Pine Orchard pump station by adding one pump. | 1,000,000 | - | 1,000,000 | 2011 | 2012 | 2013 | 550/ 630W | |
| W-8300 | 0-5 years | 1395-565 | Construction 3,900 ft. of 12-inch water parallel transition main along Levering Ave and Main Steet. | 1,370,000 | - | 1,370,000 | 2010 | 2013 | 2014 | 400 | 2010 |
| W-8301 | 0-5 Years. | 1338-556 | Construction of a water transmission main along Guilford Road from Quiet Night Ride east to W.R Grace. This main will consist of 900 ft. of 12" pipe. | 350,000 | - | 350,000 | 2012 | 2013 | 2014 | 550/ 630-W | |
| W-8302 | 0-5 Years | 1364-589 | Construction of approximately 1,100 ft. of 12" water main between Town and Country Blvd. and U.S. Route 40. | 530,000 | - | 530,000 | 2014 | 2015 | 2016 | 550/ 630W | |
| W-8303 | 0-5 Years | 1387-556 | Construction of approximately 3,000 ft. of 8" and 12" water main along Loudon Avenue and the railroad from Loudon Avenue to Hanover Rd. | 1,000,000 | - | 1,000,000 | 2014 | 2015 | 2016 | 400 | |
| W-8304 | 6-10 Years | 1349-563 | Improvements to Columbia PS | 1,000,000 | - | 1,000,000 | | 2017 | 2015 | 550/ 630-W | 2015 |
| W-8305 | 6-10 Years | 1377-569 | Construction of 4,300 ft. of 12" water main in Landing Road from Grovement Subdivision to Montgomery Road. | 1,500,000 | - | 1,500,000 | 2015 | 2016 | 2017 | 550 | |
| W-8306 | 6-10 Years | 1341-549 | FY16 Sanner Road Water Main Loop. 5,800 ft. of 12-1inch water main | 2,000,000 | | 2,000,000 | 2015 | 2017 | 2018 | | |
| W-8307 | 6-10 Years | 1354-554 | Construction of a water transmission main along Broken Land Pkwy. from Stevens Forest Road to Cradlerock Way. This main will consist of 4,100 ft. of 30" pipe, and will provide for improved integration of the U.S. Route 40 and Elkridge supplies. | 5,000,000 | - | 5,000,000 | 2016 | 2018 | 2020 | 550 | |
| W-8308 | 6-10 Years | 1344-547 | Construction of 14,000 ft. of 24" water transmission main along U.S. Route 29 from Old Columbia Road to MD Route 216. | 10,500,000 | - | 10,500,000 | 2016 | 2018 | 2020 | 550 | |
| W-8309 | 0-5 Years | 1368-547 | Construction of a water main from Mission Road to and along MD Route 175 and across I-95 to connect to Columbia Gateway. This main will consist of approximately 9,500 ft. of 12" pipe. | 4,400,000 | - | 4,400,000 | | 2021 | 2022 | 550 | 2020+ |

# TABLE 8

## IMMEDIATE, 5 YEAR, 10 YEAR, AND COMPREHENSIVE PRIORITIES FOR WATER SYSTEM DEVELOPMENT

| Capital Project Number | County Priority Assigned | Coordinate Location | Description | Project Costs ($) | | | Project Schedule | | | Pressure Zone | Model Run Year |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Total | PL660 Eligibility | Local | Prel Plans | Start Const. | Compl. Const. | | |
| W-8600 | Under Const. | | Design and construction of various additions and improvements to the water and sewer system utility or its associated infrastructure. | 9,615,000 | - | 9,615,000 | on-going | on-going | on-going | - | N/A |
| W-8698 | 0-5 Years | | A project to design and construct routine water main extensions in the Metro District request by landowners.<br>1. To serve existing dwelling in recorded residential subdivisions where water mains have not been constructed.<br>2. With existing dwellings or businesses on failing private systems identified by the County Health Department; and<br>3. To serve parcels with existing dwellings.<br>The routine extensions must meet the following criteria:<br>a. A written request has been made by a property owner who is without a water main fronting their property.<br>b. Property to be served must abut a County or State road.<br>c. The extension is less than 1000 feet.<br>d. The extension must be a continuation of a water main currently in service in the same pressure zone.<br>e. Acquisition of utility easements are not required.<br>f. Capacity is available per section 18.122B County Code.<br>g. Extension is supported by 50% of the property owners whose front foot benefit charges would change following construction. | 1,900,000 | - | 1,900,000` | on-going | on-going | on-going | N/A | N/A |
| W-8810 | 0-5 Years | | A project to provide construction and inspection service for sites which do not require developer agreement but require larger than 1" water house connection, fire hydrants and other water appurtenances. | 200,000 | - | 200,000 | on-going | on-going | on-going | N/A | N/A |
| W-8860 | 0-5 Years | | A project to provide for the construction of water house connections by the Bureau of Utilities for residential size (1-inch) connections. These connections are made when new connections are required for lots or homes where none exists. | 100,000 | - | 100,000 | on-going | on-going | on-going | N/A | N/A |
| Developer Project | 0-5 Years | 1368-541 | Construction of approximately 6,500 ft. of 12" water main from Washington Blvd. to Mission Road and approximately 4,000 ft. of 12" water main along Mission Road south to Washington Blvd. | | | | | | | 400/ 550 | |
| Developer Project | 6-10 Years | 1347-595 | Construction of a water transmission main from Resort Road to Bethany Lane and associated pipes. This main will consist of approximately 4,200 ft. of 12" pipe. | | | | | | | 550 | |
| Developer Project | Compre-hensive | 1393-559 | Construction of 6,500 ft. of 8" water main along Race Road from Hanover Road to the existing 8" main in Race Rd. | | | | | | | 400/ 300 | |
| Developer Project | 6-10 Years | 1379-574 | Construction of 8" water main connecting Landing Road to College Ave. | | | | | | | 550 | |
| Developer Project | 0-5 Years | 1342-594 | Extension of 16" watermain through Waverly Woods Golf Course | | | | | | | | |

[1] Scheduling of facilities to be determined by Water Analyzer Office and specified in Central System Report.

[2] Required facilities were identified in the Report on the Western Third Zone of the Baltimore Water System (August, 1984).

**Note:** Projects which are not identified as capital projects may be constructed in the time frame indicated, or at an earlier time by a private developer if earlier construction would provide an orderly system extension.

- Scheduled Improvements
- 0-5 years (2010)
- 6-10 years (2015)
- 11-15 years (2020)

# TABLE 13

## IMMEDIATE, 5 YEAR, 10 YEAR AND COMPREHENSIVE PRIORITIES FOR SEWER SYSTEM DEVELOPMENT

| Capital Project Number | County Priority Assigned | Coordinate Location | Description | Project Costs ($) | | | Project Schedule | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Total | PL660 Eligibility | Local | Prel Plans | Start Const. | Compl. Const. |
| S-6175 | 0-5 Years | 1360-541 | A project for the study, design and construction of the Little Patuxent Parallel Interceptor. | 78,230,000 | - | 78,230,000 | 2006 | 2009 | 2013 |
| S-6189 | 0-5 Years [1] | 1363-524 | A project for the design and construction of improvements to the North Laurel Sewage Pumping Station to increase the pumping capacity of the station. | 6,530,000 | _ | 6,530,000 | 2004 | 2009 | 2011 |
| S-6232 | Under Const. | | A project to televise sewer pipes in the County's sanitary sewer system for evidence of corrosion. This project will effect repairs area where corrosion has compromised the integrity of the system. | 7,875,000 | - | 7,875,000 | on-going | on-going | on-going |
| S-6237 | Under Const. | | A project for Howard County's participation in the cost sharing for the capital funding of the Patapsco Treatment Plant at Wagners Point and the related Patapsco Interceptor, Pump Station, and Force Main. | 63,000,000 | - | 63,000,000 | on-going | on-going | on-going |
| S-6245 | 0-5 Years | 1365-531 | A project to reduce nitrogen loading from the Little Patuxent Sewer Basin. | 135,862,000 | - | 135,862,000 | 2008 | 2010 | 2012 |
| S-6247 | 0-5 Years | 1385-563 | A project for the design and construction of 100 ft. of 8-inch sewer and 100 ft. of water main to serve four lots on Woodburn Avenue. | 110,000 | - | 110,000 | 2011 | 2011 | 2012 |
| S-6249 | | | An appropriation is requested under this project to construct water, sewer and associated facilities in subdivisions where the developer has failed to build all facilities in accordance with the plans and Developer's Agreement. | 3,600,000 | - | 3,600,000 | on-going | on-going | on-going |
| S-6250 | | | A project for study and evaluation of the County's Patasco Sewer Service Area from the Daniels Area to the Deep Run. | 930,000 | - | 930,000 | 2004 | 2008 | 2011 |
| S-6251 | Under Const | 1345-551 | A project for design and construction of 7,200 ft. of 8-inch sewer and 4,200 ft. of 8-inch water main to serve the existing homes on Hunting Lane, Judy Lane, Moosberger Court and Cleos Court. | 3,410,000 | - | 3,410,000 | 2005 | 2008 | 2011 |
| S-6253 | 0-5 Years | 1349-589 | A project for the design and construction of1, 1900 ft. of sewer to serve properties on Baltimore National Pike. | 1,465,000 | - | 1,465,000 | 2007 | 2011 | 2011 |
| S-6255 | | | A project for the study and evaluation of Hammond Branch and Guilford Run sewer service areas. | 625,000 | - | 625,000 | 2008 | 2008 | 2011 |
| S-6257 | Under Const | 1341-601 | A project for the design and construction of 1,400 ft. of sewer to serve eleven properties on Old Frederick Road in the vicinity of Marriottsville Road. | 310,000 | - | 310,000 | 2006 | 2009 | 2011 |
| S-6260 | 0-5 Years | 1390-567 | A project to provide sewer service to properties along Rockburn Hill Road. | 2,295,000 | - | 2,295,000 | 2008 | 2010 | 2011 |
| S-6261 | Under Const | 1337-598 | A project to provide sewer service to the Public Safety Training Center located adjacent to the Alpha Ridge Landfill. | 1,270,000 | - | 1,270,000 | 2007 | 2009 | 2010 |
| S-6262 | 0-5 Years | 1346-571 | A project to provide water and sewer service to properties along MD Route 108 east of Eliot's Oak Road. | 950,000 | - | 950,000 | 2010 | 2010 | 2011 |
| S-6263 | 0-5 Years | 1338-541 | A project to provide sewer service to one property along Scaggsville Road (MD 216) west of US Route 29. | 400,000 | - | 400,000 | 2010 | 2011 | 2011 |
| S-6265 | 6-10 years | 1370-581 | A project to design and construct 1,800 linear feet of sewer and 1,800 linear feet of water main to serve 8 properties on New Cut Road. | 735,000 | - | 735,000 | 2012 | 2013 | 2014 |
| S-6266 | 0-5 years | 1357-596 | A project to provide water and sewer service to 2 properties along MD Route 99 at Tiller Drive. | 240,000 | - | 240,000 | 2009 | 2009 | 2010 |
| S-6267 | | | A project to determine the water and sewer use patterns for residential and commercial properties within the Howard County Metropolitan District. | 250,000 | - | 250,000 | 2008 | 2008 | 2011 |

TABLE 13

IMMEDIATE, 5 YEAR, 10 YEAR AND COMPREHENSIVE PRIORITIES FOR SEWER SYSTEM DEVELOPMENT

| Capital Project Number | County Priority Assigned | Coordinate Location | Description | Project Costs ($) | | | Project Schedule | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Total | PL660 Eligibility | Local | Prel Plans | Start Const. | Compl. Const. |
| S-6268 | | | A project to protect and stabilize sewers in areas where stream and soil erosion have compromised the integrity of the sewer system to convey wastewater to the County's treatment facilities. | 4,930,000 | - | 4,930,000 | on-going | on-going | on-going |
| S-6270 | Under Const | 1358-572 | Dalton Drive 700 ft. Sewer Extension | 325,000 | - | 325,000 | 2009 | 2010 | 2011 |
| S-6271 | 0-5 Years | 1386-555 | Construction of 1,000 ft. of parallel interceptor to the Deep Run interceptor between manholes 387 and 383. | 975,000 | | 975,000 | 2010 | 2011 | 2012 |
| S-6272 | 0-5 Years | 1343-556 | Cedar Lane Sewer Extension. 650 ft. sewer main to serve Robinson Nature Center. | 190,000 | - | 190,000 | 2010 | 2010 | 2011 |
| S-6273 | 0-5 years | | Little Patuxent Interceptor Improvements | 12,000,000 | - | 12,000,000 | 2011 | 2013 | 2014 |
| S-6274 | 0-5 Years | | Upper Little Patuxent Parallel Sewer. 2,000 ft. of parallel sewer main. | 1,500,000 | - | 1,500,000 | 2015 | 2017 | 2019 |
| S-6275 | 0-5 and Comprehensive | 1366-597 | Construction of three pump stations, force mains and collector sewers serving the Daniels area. These pump stations will have capacities of 100 to 250 gpm (0.14 mgd to 0.36 mgd). | | | | | | |
| S-6698 | | | A project to design and construct routine sewer main extensions in the Metro District requested by landowners.<br>1. To serve existing dwellings in recorded residential subdivisions where sewer mains have not been constructed.<br>2. With existing dwellings or businesses on failing private systems as identified by the County Health Department.<br>3. To serve parcels with existing dwellings. These routine extensions must also meet the following:<br>a. A written request has been made by a property owner who is without a sewer main fronting their property.<br>b. Properties to be served must abut County or State road.<br>c. The extension is less than 1,000 feet.<br>d. The extension is a gravity sewer main and continue a sewer main currently in the service within the sewer shed.<br>e. It does not require acquisition of utility easements.<br>f. Capacity is available per section 18.122B County Code.<br>g. The extension is supported by a least 50% of the abutting property owners. | 2,500,000 | - | 2,500,000 | on-going | on-going | on-going |
| S-6709 | | | A project to provide engineering service, inspection testing, inspector training, supplies and equipment including vehicles necessary for site inspection for the implementation of developer projects to make additions to the public water and sewer systems. | 2,500,000 | - | 2,500,000 | | 2010 | 2011 |
| S-6810 | Under Const. | | A project to provide construction and inspection service to sites which do not require developer agreement but require 8" and larger sewer house connections and other sewer appurtenances. | 100,000 | - | 100,000 | | 2009 | on-going |

TABLE 13

IMMEDIATE, 5 YEAR, 10 YEAR AND COMPREHENSIVE PRIORITIES FOR SEWER SYSTEM DEVELOPMENT

| Capital Project Number | County Priority Assigned | Coordinate Location | Description | Project Costs ($) | | | Project Schedule | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Total | PL660 Eligibility | Local | Prel Plans | Start Const. | Compl. Const. |
| S-6860 | Under Const. | | A project to provide the construction of sewer house connections by the Bureau of Utilities for residential size (4" or 6") connections. These connections are made when new sewer house connection are required for lots or homes where none exists. | 100,000 | - | 100,000 | | 2009 | on-going |
| S-6950 | | | A program for the reimbursement to developers for construction of water and sewer house connections to existing lots outside of their subdivision. | 130,000 | - | 130,000 | on-going | on-going | on-going |
| Developer Project | 0-5 Years | 1344-597 | Construction of 2,600 ft. of interceptor to serve areas west of Turf Valley Road. | | | | | | |
| | 6-10 Years | 1390-566 | Construction of two 100 gpm (0.14 mgd) pump stations and force mains in the Lawyer's Hill area to serve properties between Montgomery Road and I-95. | | | | | | |
| | 6-10 Years | 1372-579 | Construction of pump stations and force main with capacities of approximate 100 gpm (0.14 mgd) to serve properties east of College Avenue. | | | | | | |
| | 6-10 Years | 1369-595 | Construction of a 100 gpm (0.14 mgd) Church Lane pump station and force main to serve property north of Deerfield Road. | | | | | | |

Scheduled Improvements
0-5 years (2010)
6-10 years (2015)
11-15 years (2020)

# WATER FACILITY MAP REVISION
## December 2010

| MAP REVISION CODE NUMBER | TAX MAP NUMBER | SUBDIVISION OR OWNER NAME | SECTION/AREA BLOCK/LOTS/PARCELS | PROPOSED REVISION | REVISION JUSTIFICATION |
|---|---|---|---|---|---|
| W-56 | 16 | GTW'S WAVERLY WOODS | PARS 120, 221 & 249, BULK PAR A & B OS LOT 1. | 0-5 & EXISTING TO EXISTING | F-09-057 PLAT RECORDED (RESIDENTIAL PARCEL) |
| W-57 | 16 | TURF VALLEY PROFESSIONAL BUILDINGS | PAR 50 & 8, PAR J. | 0-5 & EXISTING TO EXISTING | F-10-104 PLAT RECORDED (RESIDENTIAL EASEMENT) |
| W-58 | 24 | CHARLES E. MILLER BRANCH & HISTORICAL CENTER | PAR 1030, 1090, 1163 & 887. | 0-5 & EXISTING TO EXISTING | F-09-107 PLAT RECORDED (RESIDENTIAL PARCEL)) |
| W-59 | 29 | CEDAR GROVE | PAR 65, LOTS 1-12 & OS LOTS 13-15. | 0-5 TO EXISTING | F-08-045 PLAT RECORDED (SINGLE FAMILY DETACHED) |
| W-60 | 32, 38 | CLAREMONT OVERLOOK - PH. 1 | PARS 24 & 632. | 0-5 TO EXISTING | F-08-063 PLAT RECORDED (SINGLE FAMILY DETACHED) |
| W-61 | 32 | CLAREMONT OVERLOOK PH 2 | PAR 24, LOTS 6-13,20-22,29-44 NON BLD PAR J,K. | 0-5 TO EXISTING | F-09-045 PLAT RECORDED (SINGLE FAMILY DETACHED) |
| W-62 | 37 | GASTINGER PROPERTY | PARS 246 & 249, LOTS 1-13, OS LOT 14 & PAR. A. | 0-5 TO EXISTING | F-08-088 PLAT RECORDED (SINGLE FAMILY DETACHED) |
| W-63 | 38 | EAST POINT 1, PHASE 1 | PARS 237 & 238, . | 0-5 TO EXISTING | F-09-087 PLAT RECORDED (SINGLE FAMILY DETACHED) |
| W-64 | 48 | DORSEY WOODS | PAR 134, P/O PAR. A. | 0-5 TO EXISTING | F-10-085 PLAT RECORDED (INDUTRIAL PARCEL) |
| W-65 | 32 | DAVID AND ELIZABETH CLASH | PAR 60. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 6-2009 |
| W-66 | 32 | WILBUR L. JR. AND PATRICIA A. MEDAIRY | PAR 90. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 7-2009 |
| W-67 | 32 | RYAN S. AND JENNIFER B. WELLMAN | PAR 75. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 8-2009 |

# WATER FACILITY MAP REVISION
## December 2010

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|---|---|---|---|---|---|
| W-68 | 46 | ST. PAUL'S EVANGELICAL LUTHERAN CHURCH OF FULTON, MARYLAND | PAR 178. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 1-2010 |
| W-69 | 35 | JOHN M. LEE AND PATRICIA A. CHILDS | PAR 202, LOT 190. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 2-2010 |
| W-70 | 35 | ROBERT CLYDE AND ANNA CLAUDIA MARTUCCI MORRIS | PAR 199, LOT 187. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 3-2010 |
| W-71 | 35 | DAVOUD AND VIDA TAJ | PAR 201, LOT 189. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 4-2010 |
| W-72 | 41 | REZA FAKORY, MINA FAKORY, ALI TEYMOURLOUEI AND MITRA TEYMOURLOUEI | PAR 252, LOT 49. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 5-2010 |
| W-73 | 35 | SHAWN MICHAEL AND MELISSA S. NICKLE | PAR 200, LOTS 1-2. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 6-2010 |
| W-74 | 41 | HERBERT A. AND FRANCES M. MARTIN | PAR 273, LOT 52. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 7-2010 |

# SEWER FACILITY MAP REVISION
## December 2010

| MAP REVISION CODE NUMBER | TAX MAP NUMBER | SUBDIVISION OR OWNER NAME | SECTION/AREA BLOCK/LOTS/PARCELS | PROPOSED REVISION | REVISION JUSTIFICATION |
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| S-62 | 38 | EAST POINT 1, PHASE 1 | PARS 237 & 238, . | 0-5 & EXISTING TO EXISTING | F-09-087 PLAT RECORDED (SINGLE FAMILY DETACHED) |
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| S-64 | 32 | DAVID AND ELIZABETH CLASH | PAR 60. | ENTERED METRO DISTRICT COMPREHENSIVE TO 0-5 | METRO DISTRICT DECISION No. 6-2009 |
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| S-66 | 32 | RYAN S. AND JENNIFER B. WELLMAN | PAR 75. | ENTERED METRO DISTRICT COMPREHENSIVE TO 0-5 | METRO DISTRICT DECISION No. 8-2009 |

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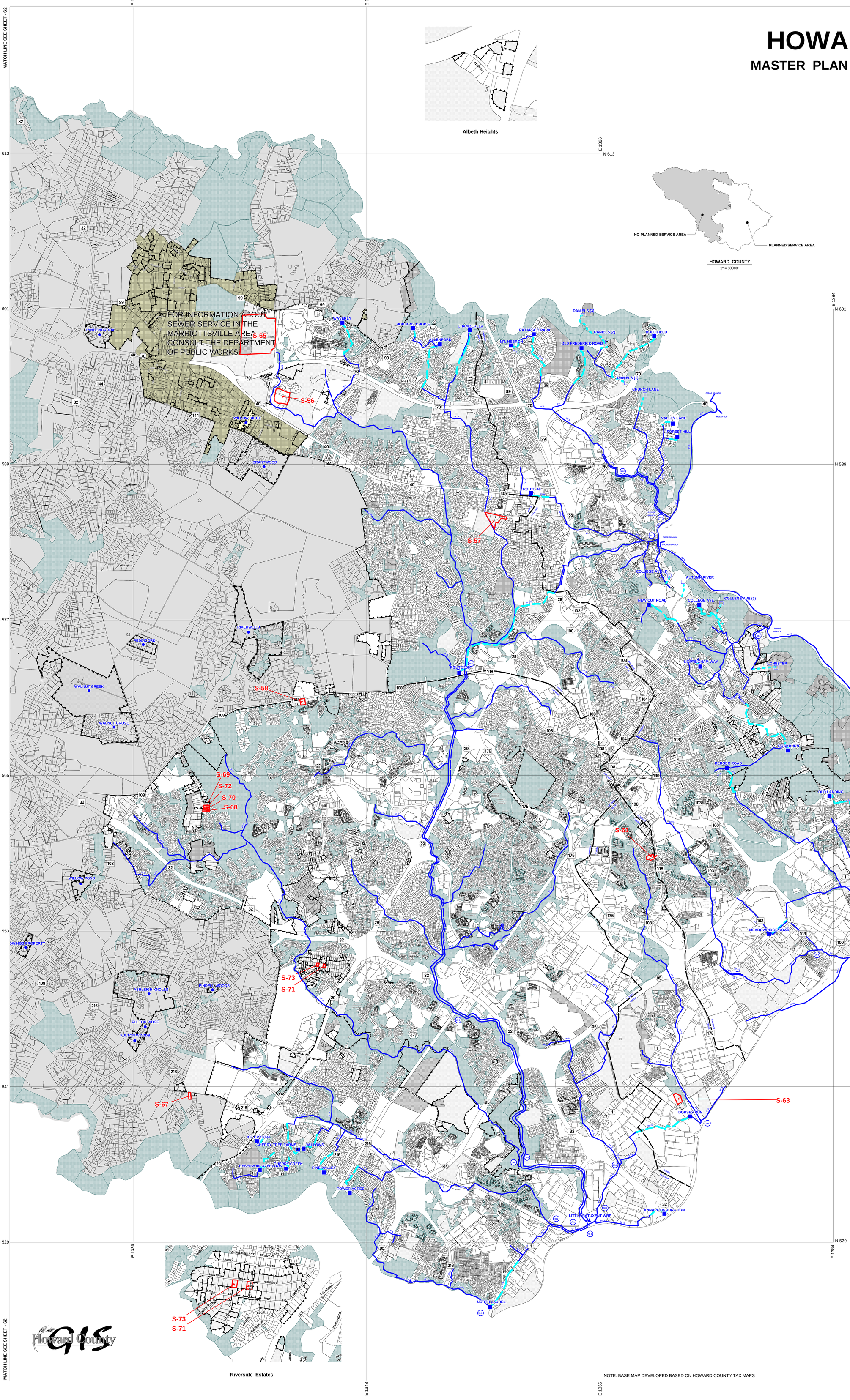
| S-68 | 35 | JOHN M. LEE AND PATRICIA A. CHILDS | PAR 202, LOT 190. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 2-2010 |
| S-69 | 35 | ROBERT CLYDE AND ANNA CLAUDIA MARTUCCI MORRIS | PAR 199, LOT 187. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 3-2010 |
| S-70 | 35 | DAVOUD AND VIDA TAJ | PAR 201, LOT 189. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 4-2010 |
| S-71 | 41 | REZA FAKORY, MINA FAKORY, ALI TEYMOURLOUEI AND MITRA TEYMOURLOUEI | PAR 252, LOT 49. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 5-2010 |
| S-72 | 35 | SHAWN MICHAEL AND MELISSA S. NICKLE | PAR 200, LOTS 1-2. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 6-2010 |
| S-73 | 41 | HERBERT A. AND FRANCES M. MARTIN | PAR 273, LOT 52. | ENTERED METRO DISTRICT | METRO DISTRICT DECISION No. 7-2010 |

# HOWARD COUNTY

## MASTER PLAN FOR WATER AND SEWER

## SEWER

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W E

S

0' 2000' 4000'

SCALE

DATE: JULY 2008

## SEWER FACILITIES PLAN LEGEND

### SERVICE AREAS

- EXISTING AND UNDER CONSTRUCTION
- O to 5 YEARS
- 6 to 10 YEARS
- COMPREHENSIVE
- PARKS AND OPEN SPACE
- NO PLANNED SERVICE AREA
- MARRIOTTSVILLE AREA (NO PLANNED SEWER SERVICE AREA)

### FACILITIES

| | EXISTING | PLANNED |
|---|---|---|
| SEWER MAINS | | |
| FORCE MAINS | | |
| TREATMENT PLANTS | ▲ | △ |
| PUMPING STATIONS | ■ | □ |
| SHARED SEWAGE DISPOSAL AREA | | |
| METROPOLITAN DISTRICT | | |

| DESCRIPTION | DATE |
|---|---|
| DECEMBER 2010 AMENDMENT | 12/2010 |
| JANUARY 2010 AMENDMENT | 1/2010 |
| JULY 2009 AMENDMENT | 7/2009 |
| JANUARY 2009 AMENDMENT | 1/2009 |

REVISION

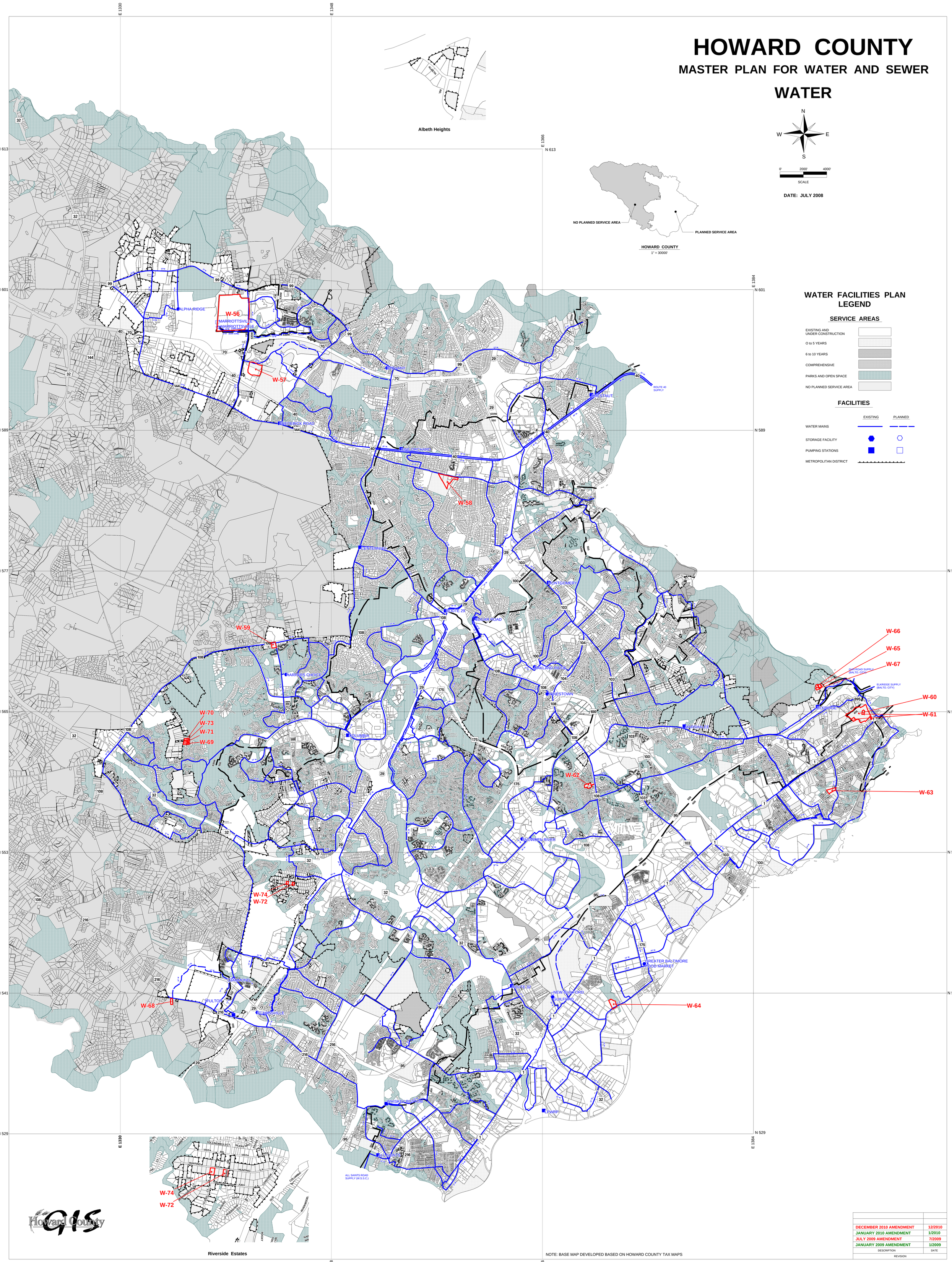
SHEET - S1

July 2008

# HOWARD COUNTY

## MASTER PLAN FOR WATER AND SEWER

## WATER

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|---|---|
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| | |
| DECEMBER 2010 AMENDMENT | 12/2010 |
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| JANUARY 2009 AMENDMENT | 1/2009 |
| DESCRIPTION | DATE |
| REVISION | |

NOTE: BASE MAP DEVELOPED BASED ON HOWARD COUNTY TAX MAPS

July 2008