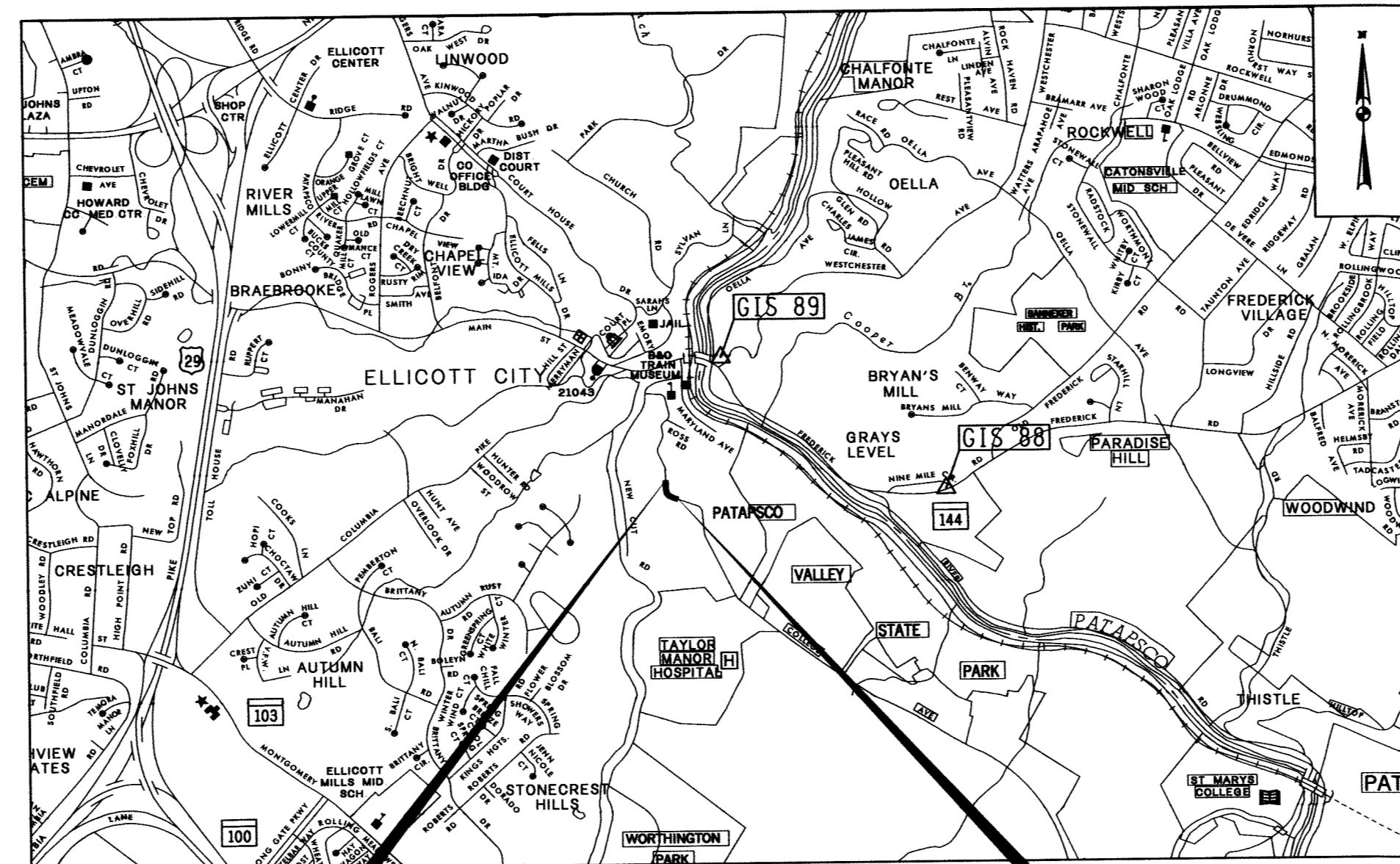


INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|-------------------------------|
| 1 | TITLE SHEET |
| 2-II | COLLEGE AVENUE CROSS SECTIONS |



LOCATION MAP
SCALE 1" = 2000'

LIMIT OF WORK
COLLEGE AVENUE
STA. 105+16
CAPITAL PROJECT NO. J-4213

CAPITAL PROJECT NO. J-4213

LIMIT OF WORK
COLLEGE AVENUE
STA. 100+45
CAPITAL PROJECT NO. J-4213



COLLEGE AVENUE - SLOPE REPAIR

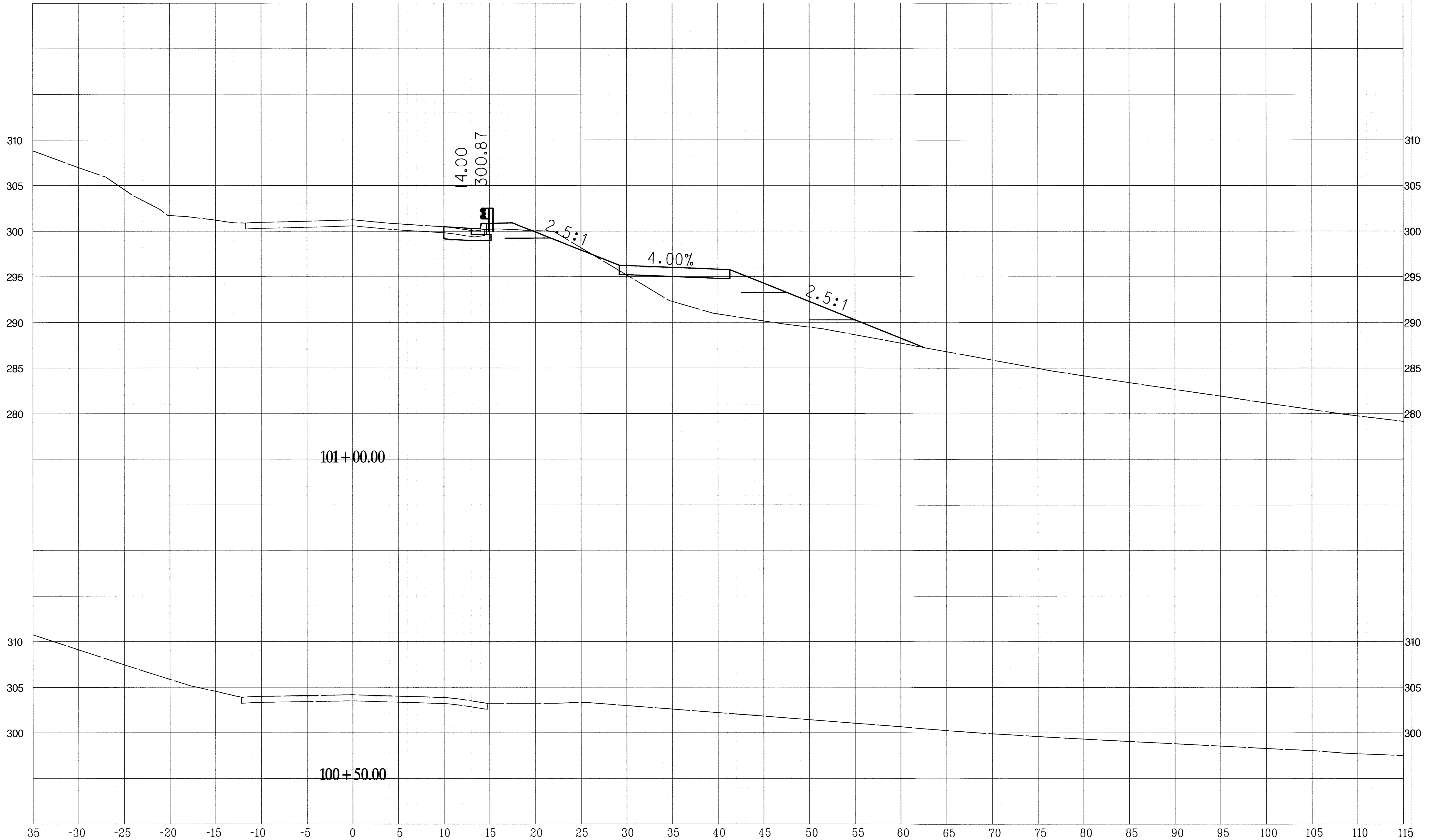
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS

*PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 12966. EXPIRATION DATE: MAY 15, 2014

FILE: G:\S\04\04044_HowardCounty\SPM\Task_0236\CollegeAvenue\CAD\1002_CollegeAve.dgn DATE: 10/17/2013 10:26:08 AM

| <p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND</p> <p><i>Steve Shaver</i> 11/7/13 DIRECTOR OF PUBLIC WORKS</p> <p><i>William R. Mulla</i> 11-8-13 CHIEF, TRANSPORTATION AND SPECIAL PROJECTS DIVISION</p> |  JOHNSON, MIRMIRAN & THOMPSON Engineering A Brighter Future® 72 Loveton Circle Baltimore, Maryland 21152-0949 |  WILLIAM R. MULLA REGISTERED PROFESSIONAL ENGINEER 10/22/13 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DES:</th> <th>SER</th> <th>BY</th> <th>NO.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRN:</td> <td>SER</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CHK:</td> <td>WRK</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="5">DATE: 10/20/2013</td> </tr> </tbody> </table> | DES: | SER | BY | NO. | DATE | DRN: | SER | | | | CHK: | WRK | | | | DATE: 10/20/2013 | | | | | <p>CAPITAL PROJECT NO. J-4213</p> <p>MAP NO. _____ BLOCK NO. _____</p> | <p>TITLE SHEET COLLEGE AVENUE SLOPE REPAIR</p> <p>ELECTION DISTRICT I</p> <p>HOWARD COUNTY, MARYLAND</p> | <p>SCALE AS SHOWN</p> <p>SHEET 1 OF 11</p> |
|--|---|---|---|------|-----|----|-----|------|------|-----|--|--|--|------|-----|--|--|--|------------------|--|--|--|--|---|---|--|
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| DRN: | SER | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK: | WRK | | | | | | | | | | | | | | | | | | | | | | | | | |
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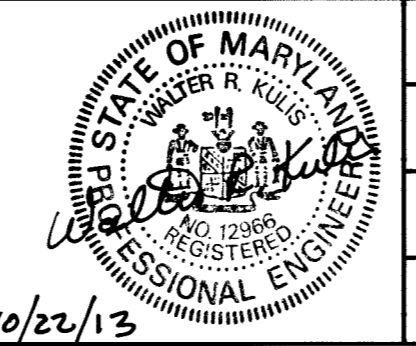


BASELINE OF CONSTRUCTION COLLEGE AVENUE

*PROFESSIONAL CERTIFICATION, I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12966, EXPIRATION DATE: MAY 19, 2014

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DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Jay De 11/6/13
 DIRECTOR OF PUBLIC WORKS
Steve Shaver 11/7/13
 CHIEF, TRANSPORTATION AND SPECIAL PROJECTS DIVISION
Thomas E. Butler 11-8-13
 CHIEF, BUREAU OF ENGINEERING
Wade R. Mulla 11-8-13
 CHIEF, BUREAU OF HIGHWAYS

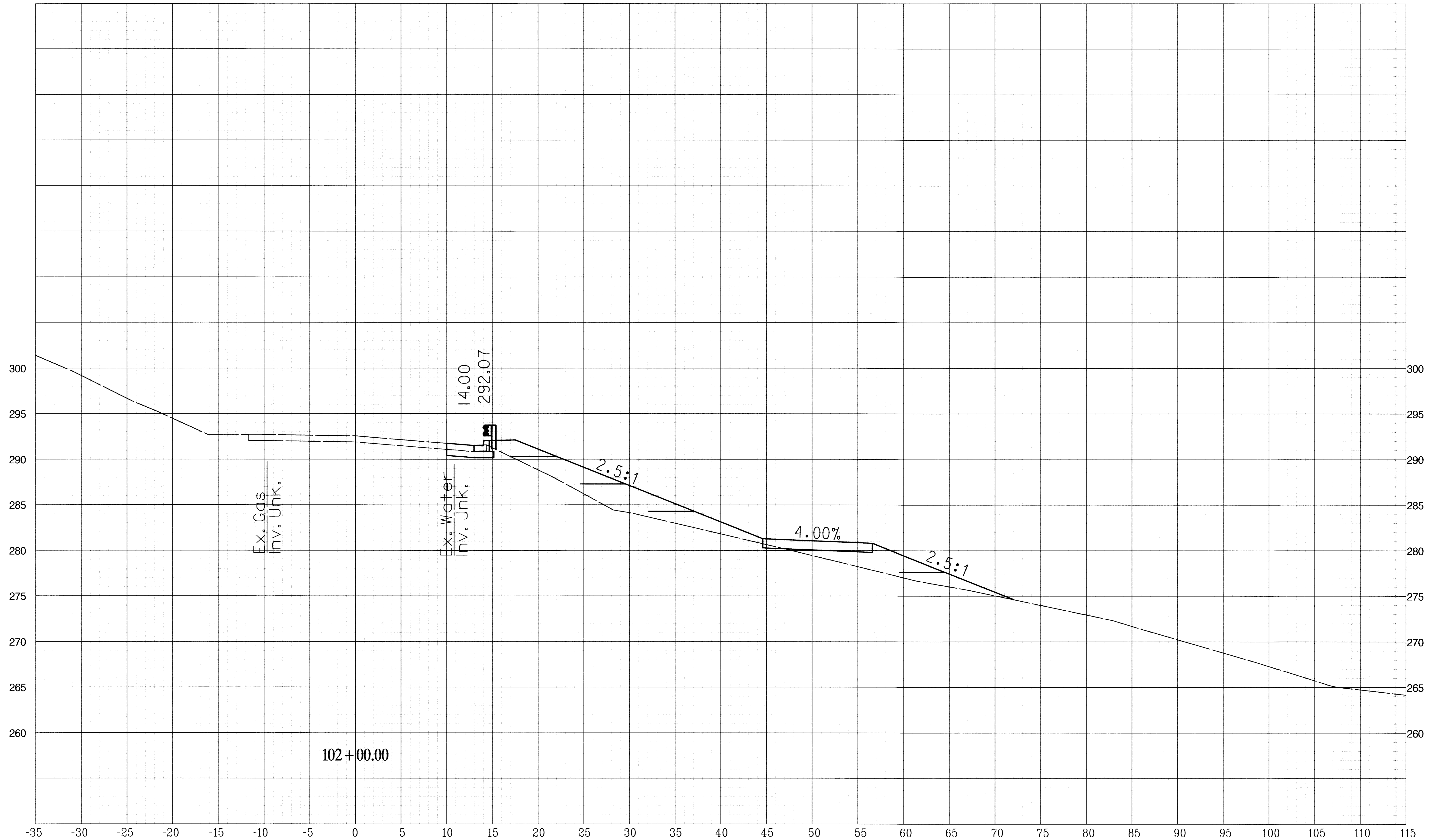


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| DATE: | 10/2013 | | | |

CAPITAL PROJECT NO.
J-4213
 MAP NO. BLOCK NO.

CROSS SECTIONS
**COLLEGE AVENUE
 SLOPE REPAIR**
 ELECTION DISTRICT I
 HOWARD COUNTY, MARYLAND

SCALE
 1"=5'
 SHEET
 2 OF 11



PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12966, EXPIRATION DATE: MAY 19, 2014

BASELINE OF CONSTRUCTION COLLEGE AVENUE

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DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

Steve Shaver 11/2/13
 DIRECTOR OF PUBLIC WORKS

Thomas E. Suttler 11-8-13
 CHIEF, BUREAU OF ENGINEERING

Wade R. Smith 11-8-13
 CHIEF, BUREAU OF HIGHWAYS



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CAPITAL PROJECT NO.
J-4213

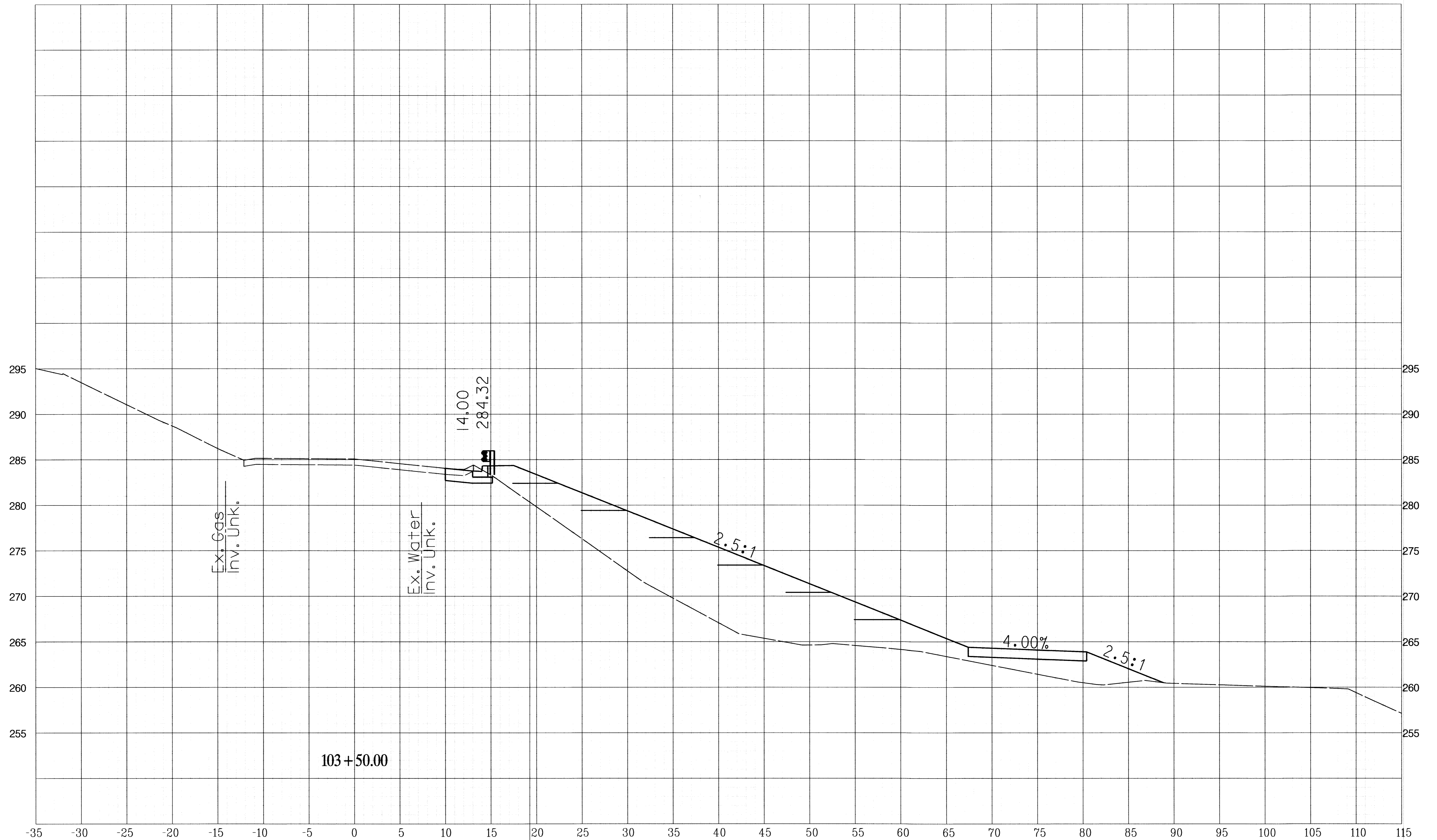
CROSS SECTIONS
**COLLEGE AVENUE
 SLOPE REPAIR**

ELECTION DISTRICT I

HOWARD COUNTY, MARYLAND

SCALE
 1"=5'

SHEET
 4 OF 11



BASELINE OF CONSTRUCTION COLLEGE AVENUE

PROFESSIONAL CERTIFICATION, I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12966, EXPIRATION DATE: MAY 19, 2014

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DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Janey Van 11/21/13
 DIRECTOR OF PUBLIC WORKS
Steve Shuman 11/21/13
 CHIEF, TRANSPORTATION AND SPECIAL PROJECTS DIVISION

Monica E. Butler 11-8-13
 CHIEF, BUREAU OF ENGINEERING
William Z. King III 11-8-13
 CHIEF, BUREAU OF HIGHWAYS

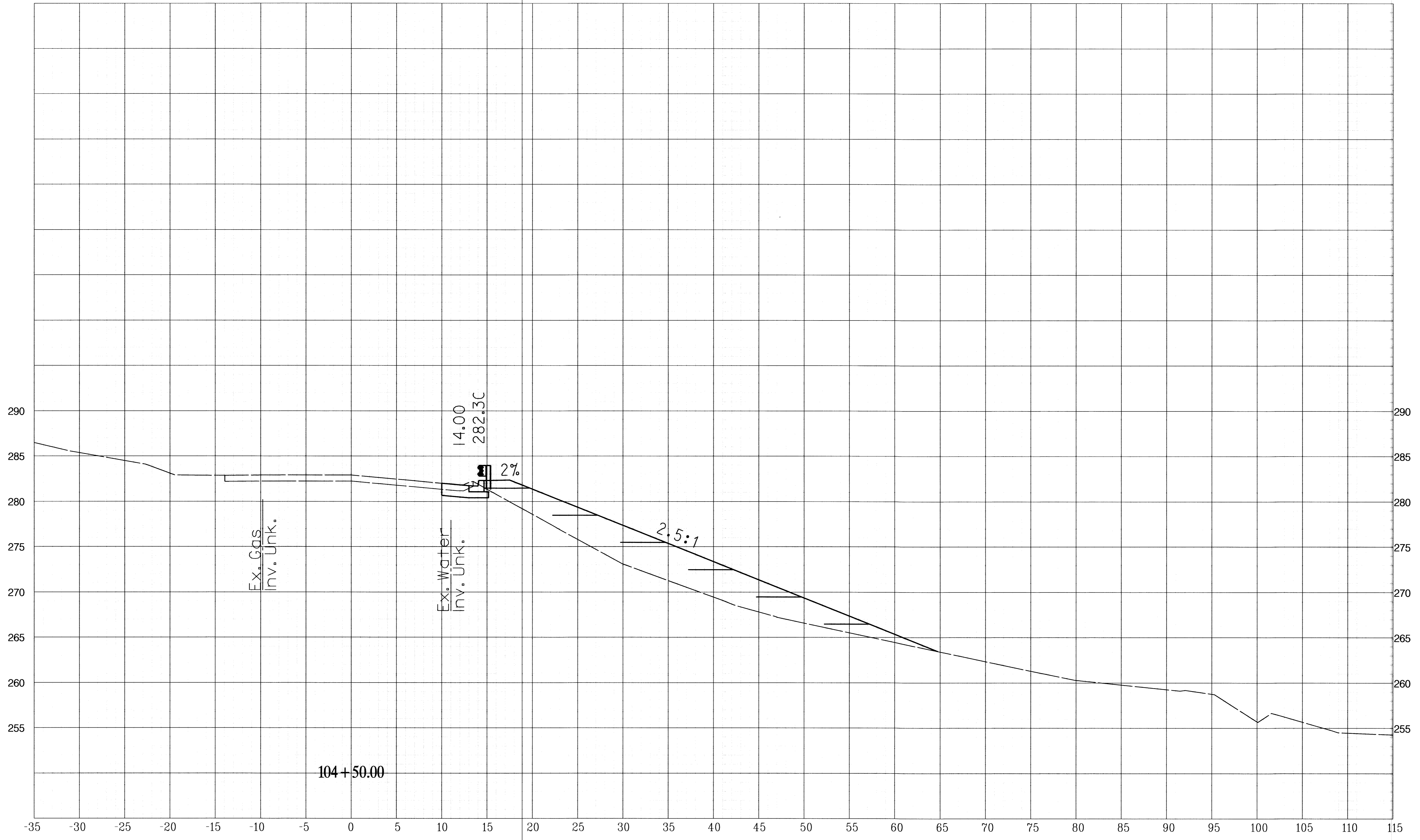


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| DATE: | 10/2013 | | | |

CAPITAL PROJECT NO.
J-4213
 MAP NO. BLOCK NO.

CROSS SECTIONS
**COLLEGE AVENUE
 SLOPE REPAIR**
 ELECTION DISTRICT I
 HOWARD COUNTY, MARYLAND

SCALE
 1"=5'
 SHEET
 7 OF 11

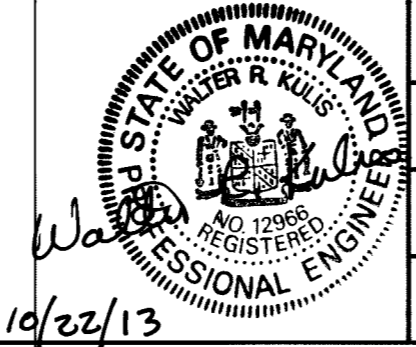


PROFESSIONAL CERTIFICATION, I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12966, EXPIRATION DATE: MAY 19, 2014

BASELINE OF CONSTRUCTION COLLEGE AVENUE

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DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Director of Public Works: *Steve Shuman* 11/2/13
 Chief, Bureau of Engineering: *Thomas E. Suttler* 11-8-13
 Chief, Transportation and Special Projects Division: *Steve Shuman* 11/2/13
 Chief, Bureau of Highways: *Walter R. Mahan* 11-8-13

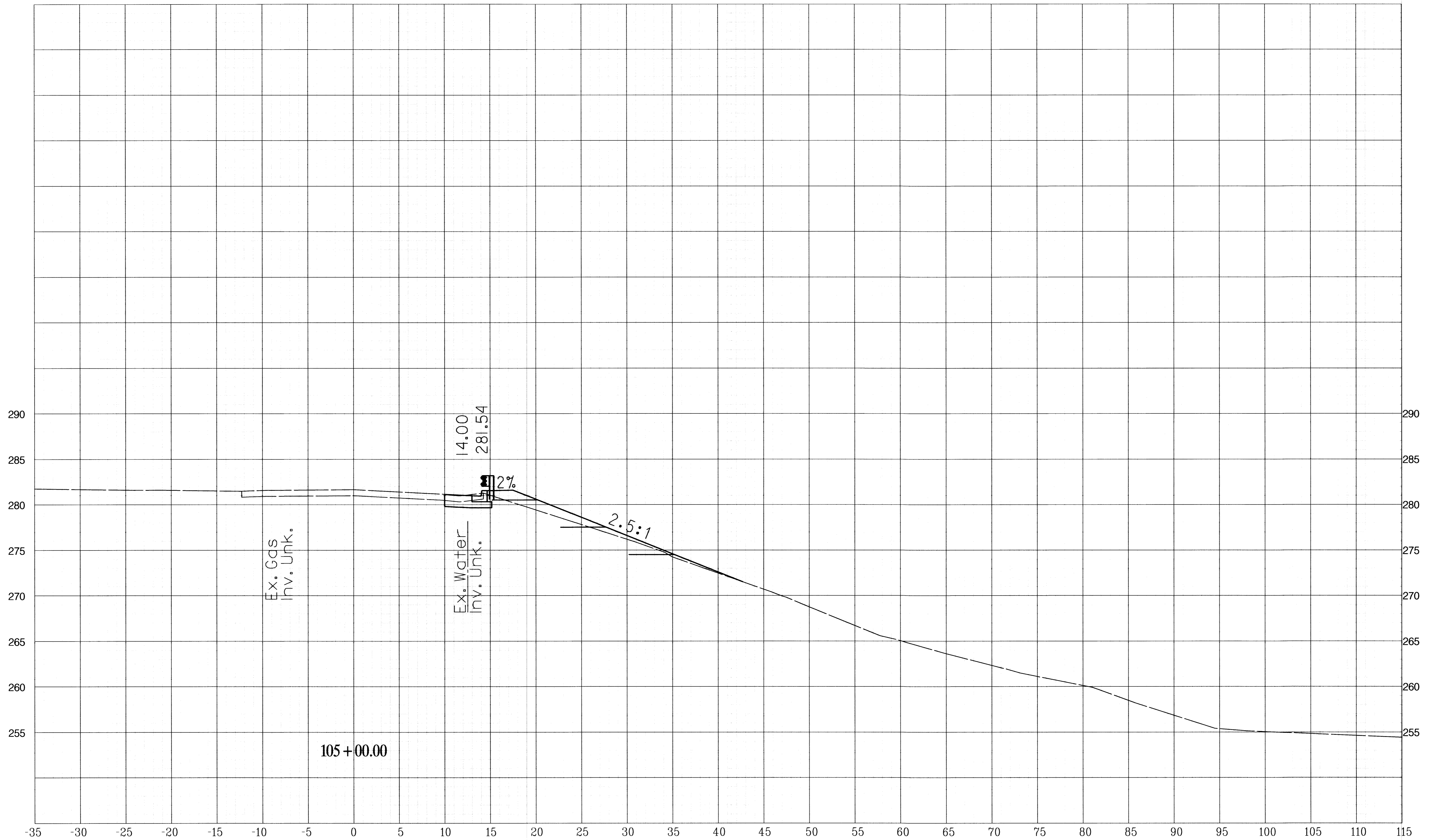


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| DRN: | CWW | | | |
| CHK: | WRK | | | |
| DATE: | 10/2013 | | | |

CAPITAL PROJECT NO.
J-4213

CROSS SECTIONS
**COLLEGE AVENUE
 SLOPE REPAIR**
 ELECTION DISTRICT I
 HOWARD COUNTY, MARYLAND

SCALE
 1"=5'
 SHEET
 9 OF 11



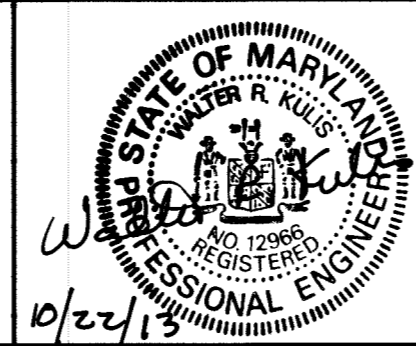
BASELINE OF CONSTRUCTION COLLEGE AVENUE

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DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
Jan V. ... 11/2/13
 DIRECTOR OF PUBLIC WORKS
Steve Shawar 11/2/13
 CHIEF, TRANSPORTATION AND SPECIAL PROJECTS DIVISION

Thomas F. Butler 11-8-13
 CHIEF, BUREAU OF ENGINEERING
Willie R. ... 11-8-13
 CHIEF, BUREAU OF HIGHWAYS

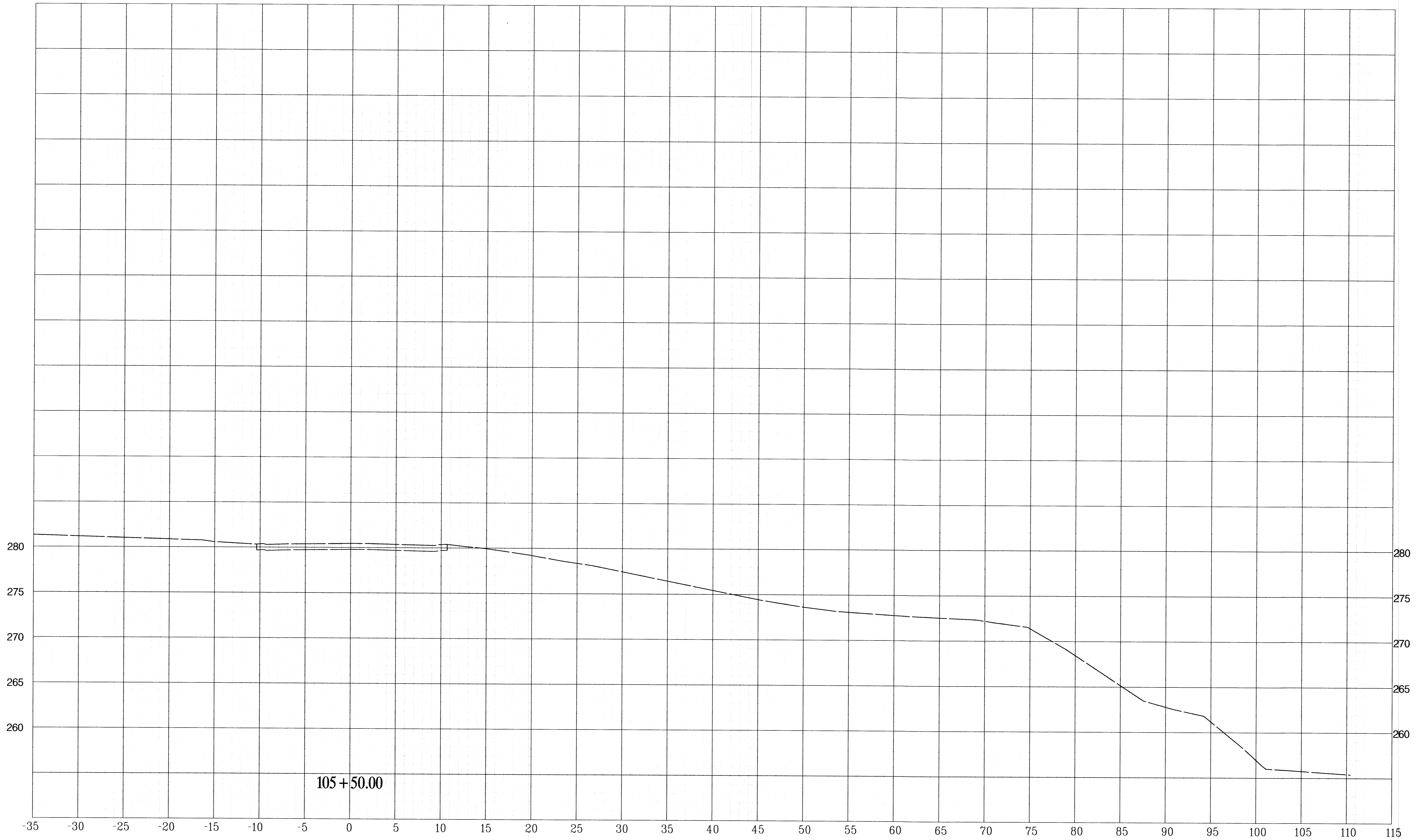


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CAPITAL PROJECT NO.
J-4213
 MAP NO. BLOCK NO.

CROSS SECTIONS
**COLLEGE AVENUE
 SLOPE REPAIR**
 ELECTION DISTRICT I
 HOWARD COUNTY, MARYLAND

SCALE
 1"=5'
 SHEET
 10 OF 11



PROFESSIONAL CERTIFICATION, I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12966, EXPIRATION DATE: MAY 19, 2014

BASELINE OF CONSTRUCTION COLLEGE AVENUE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Steve Shava 11/2/13
DIRECTOR OF PUBLIC WORKS
Steve Shava 11/2/13
CHIEF, TRANSPORTATION AND SPECIAL PROJECTS DIVISION

Thomas E. Butler 11-9-13
CHIEF, BUREAU OF ENGINEERING
Will R. Hall 11-8-13
CHIEF, BUREAU OF HIGHWAYS

JMT
JOHNSON, MIRONIAN & THOMPSON
Engineers, Architects & Planners
72 Loveton Circle, Baltimore, Maryland 21152 0949



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CAPITAL PROJECT NO.
J-4213

MAP NO. BLOCK NO.

CROSS SECTIONS
COLLEGE AVENUE
SLOPE REPAIR

ELECTION DISTRICT I

HOWARD COUNTY, MARYLAND

SCALE
1"=5'
SHEET
II OF II