

OWENS ROAD CHANNEL REHABILITATION

Kennebec Street to Audrey Lane



prince
George's
county MARYLAND

Angela D. Alsobrooks
County Executive



Terry L. Bellamy
DPW&T Director

PROJECT LIMITS & SAMPLE PLAN SHEET

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DEPARTMENT OF PUBLIC WORK
AND TRANSPORTATION
PRINCE GEORGE'S COUNTY, MARYLAND

OWENS ROAD CHANNEL REHABILITATION FROM KENNEBEC ST TO IRVINGTON ST

SEGMENT 1

PROJECT NO.
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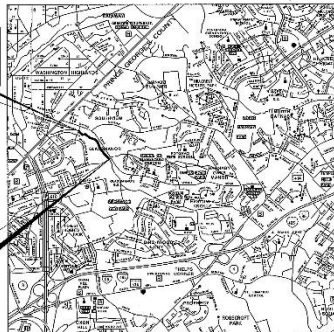
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**LIMIT OF WORK
SEGMENT 1
STA. 126+76**

**LIMIT OF WORK
SEGMENT 1
STA. 146+00**



LOCATION MAP
SCALE: 1" = 500'
PORTION OF PROJECT - USE HERE

100% DESIGN SUBMISSION

EROSION AND SEDIMENT CONTROL IMPROVEMENTS

OWENS ROAD CHANNEL REHABILITATION PROJECT IS A REHABILITATION KIND OF AN EXISTING STORM WATER CONDUIT/CHANNEL SINCE THE EXISTING CHANNEL MEANDERS THROUGH A POPULATED RESIDENTIAL NEIGHBORHOOD THE CHANNEL IS SEGMENTED AS WATERS OF THE U.S. DOES NOT USE WITHIN THIS WATERS OR TIER 1 WATERS, IT WILL BE RECONSTRUCTED IN-NET. ADDITION OF ANY IMPROVEMENT AREA, THE RE-DEVELOPMENT TECHNOLOGY WILL BE MAINTAINED. POSSIBLE CONSTRUCTION CONDITIONS AND A WATER QUALITY AND QUANTITY ANALYSIS, THE BEST PRACTICES FOR EROSION AND SEDIMENT CONTROL (BETTER) ARE NOT PROPOSED FOR THE PROJECT IN ANY OTHER NEIGHBORHOOD AREA IS BEING AVOIDED.

EXISTING NATURAL RESOURCES ARE LOCATED ON COUNTY OWNED PARCELS DESIGNATED AS AND ALSO IN SOME PRIVATE PARCELS. EXISTING NATURAL RESOURCES INCLUDE TREES IN THE U.S. THE PROJECTS ARE ADJACENT TO ACCESS POINTS AND WORK AREAS WILL BE PLACED TO MITIGATE ANY IMPACTS THAT MAY HAPPEN THROUGHOUT THE PROJECT BY MAINTAINING EXISTING OR BOUND BY WITHIN LOWERS THAT SUPPORTS AROUND COUNTY PERSONNEL WILL BE ON SITE OPERATIONS SUCH AS TREE FELLING, ROOT PRUNING, OR BRANCH PRUNING THE AREA AROUND TREES REMOVED WITHIN EXISTING AREAS WILL BE STABILIZED WITH TYPICAL GRASS TO PRODUCE GROUND COVER IN ORDER TO PREVENT EROSION. ACCESS FOR MAINTENANCE OF CHANNEL STEEP SLOPES ADJACENT TO THE CHANNEL THAT IS BEING STABILIZED, THESE AREAS WILL BE AMBUSHED WITHIN A CHANNEL COURSE OR CHANNEL WILL BE STABILIZED. ONLY USING STABILIZED STEEP SLOPES WITHIN CHANNEL WILL BE STABILIZED TO PREVENT EROSION TO APPROVED PRACTICES.

THE CHANNEL IS NOT WITHIN TIER 1 OR TIER 2 WATERS THE CHANNEL IS CATEGORIZED AS THE OF THE U.S.A LETTER OF AUTHORIZATION FOR THE WORK WILL BE APPLIED FOR.

DIVERSION FENCE WILL BE USED TO DIVERT THE CLEAN WATER AS SHOWN ON THE PLANS TO OF EXISTING CONCRETE LINING AND HOLDINGS OF CONCRETE FOR IN-LINED REPLACEMENT WILL BE IN STAGES 1 AND 2 FOR THE CONSTRUCTION'S STAGE CONSTRUCTION WITH TWO STAGES: 1 STAGE 1: STAGE 1 WILL BE EXCAVATED AND CONCRETE LINING IN PLACE ALL AREAS STABILIZED EXISTING WORK ON STAGE 2 AS SHOWN ON THE PLANS. CONSTRUCTION STAGES: STAGE 2: SOIL NATURAL FLOW OCCURS WITHIN THE CHANNEL THAT IS BEING STABILIZED. DURING CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO PROVIDE EROSION/SEDIMENT CONTROL AS PER THE MANUAL OF THE ENVIRONMENTAL QUALITY GUIDELINES FOR WATERWAY CONSTRUCTION (EMW), ONCE THE CONSTRUCTION COMPLETE AND CHANNEL STABILIZED THE CONTRACTOR WILL BE REQUIRED TO STABILIZE AND PUMP-AROUND PRACTICES.

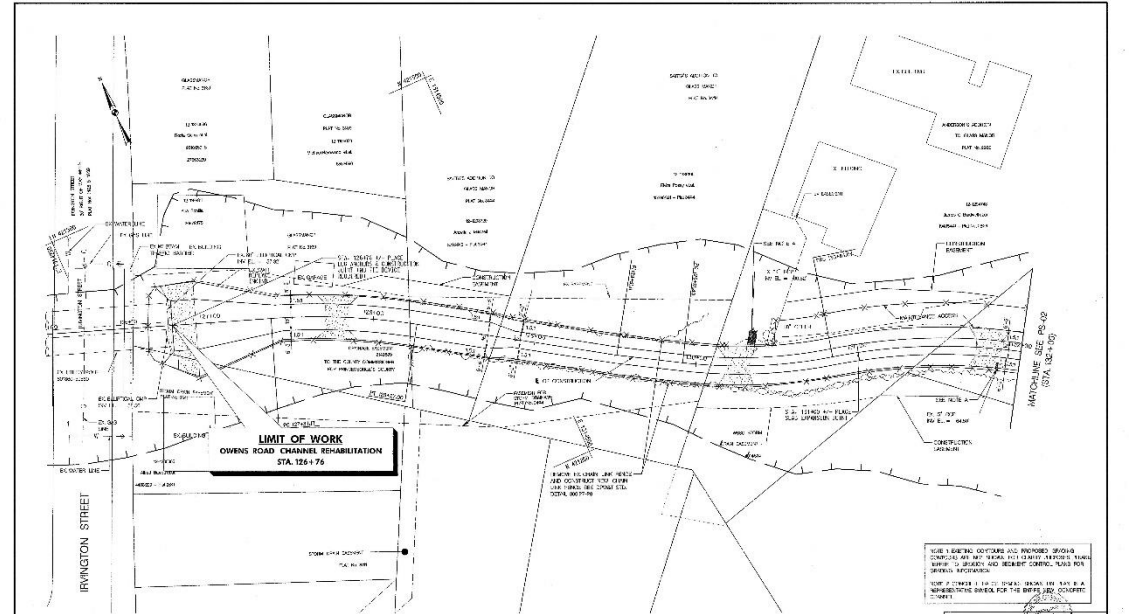
PROPER EAS CONTROL WILL BE PUT INTO PLACE IN ACCORDANCE TO MARYLAND AND PRINCE GEORGE'S CONSTRUCTION DISTRICT ORDINANCES THE CONTRACTOR WILL NEED TO INSTALL AND MAINTAIN CONTROL MEASURES AS SHOWN IN THE PLANS THROUGHOUT THE CONSTRUCTION PERIOD. ALL MEASURES WILL BE REMOVED ONLY AFTER THE SITE HAS BEEN ADEQUATELY STABILIZED AND BY MDC COUNTY INSPECTOR THE EAS CONTROL WILL BE INSPECTED AFTER ANY STORM EVENT AND BE DEMONSTRATED IF NECESSARY.

CONSULTANT'S CERTIFICATION
I HEREBY CERTIFY THAT THIS PLAN OR PROGRAM AND SEDIMENT CONTROL MEASURES ARE A RESULT OF MY PERSONAL KNOWLEDGE OF THE SITE AND THAT THIS PLAN WAS PREPARED AND PREPARED BY ACCORDANCE WITH THE REQUIREMENTS OF THE PRINCE GEORGE'S CONSTRUCTION DISTRICT ORDINANCES AND PROVISIONS FOR EROSION AND SEDIMENT CONTROL. I HAVE REVIEWED THIS PROGRAM AND SEDIMENT CONTROL PLAN WITH THE PRINCE GEORGE'S COUNTY INSPECTOR.

DESIGNED BY: [Signature] DATE: []/ []/ []
PREPARED BY: [Signature] DATE: []/ []/ []
SCALE: 1" = 500' (SEE SHEET FOR DIMENSIONS AND NOTES)
NUMBER OF SHEETS: [] OF []

UTILITY CERTIFICATION
I HEREBY CERTIFY THAT THE BEST OF MY PERSONAL KNOWLEDGE, INFORMATION AND BELIEF THAT NO OTHER UTILITY PROVIDER'S CROSSINGS ARE LOCATED WITHIN THE PROJECT AREA AND THAT NO OTHER UTILITY PROVIDER'S CROSSINGS ARE LOCATED WITHIN THE PROJECT AREA.

PRINCE GEORGE'S COUNTY CONSTRUCTION DISTRICT FINAL INSPECTION
I HEREBY CERTIFY THAT THE CONSTRUCTION DISTRICT FINAL INSPECTION HAS BEEN COMPLETED AND THAT THE PROJECT IS READY FOR CONSTRUCTION.



1" = 500' (SEE SHEET FOR DIMENSIONS AND NOTES)

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DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
OWENS ROAD CHANNEL REHABILITATION FROM KENNEBEC ST TO IRVINGTON ST
CONTRACT: [] OF []

100% DESIGN SUBMISSION

OWNER'S DEVELOPER'S CERTIFICATION
I HEREBY CERTIFY THAT THE PLAN OR PROGRAM AND SEDIMENT CONTROL MEASURES ARE A RESULT OF MY PERSONAL KNOWLEDGE OF THE SITE AND THAT THIS PLAN WAS PREPARED AND PREPARED BY ACCORDANCE WITH THE REQUIREMENTS OF THE PRINCE GEORGE'S CONSTRUCTION DISTRICT ORDINANCES AND PROVISIONS FOR EROSION AND SEDIMENT CONTROL. I HAVE REVIEWED THIS PROGRAM AND SEDIMENT CONTROL PLAN WITH THE PRINCE GEORGE'S COUNTY INSPECTOR.

UTILITY CERTIFICATION
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PRINCE GEORGE'S COUNTY CONSTRUCTION DISTRICT FINAL INSPECTION
I HEREBY CERTIFY THAT THE CONSTRUCTION DISTRICT FINAL INSPECTION HAS BEEN COMPLETED AND THAT THE PROJECT IS READY FOR CONSTRUCTION.

REVISIONS

| NO. | DATE | DESCRIPTION |
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prince Georges county MARYLAND

PROJECT LIMITS & SAMPLE PLAN SHEET



Angela D. Alsobrooks
County Executive

Terry L. Bellamy
DPW&T Director

DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION
PRINCE GEORGE'S COUNTY, MARYLAND

OWENS ROAD CHANNEL REHABILITATION FROM IRVINGTON ST TO AUDREY LANE

SEGMENT 2

PROJECT NO.

CONTRACT NO.

WORK WITH THE PRINCE
AND TRANSPORTATION
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CONFORMANCE WITH THE
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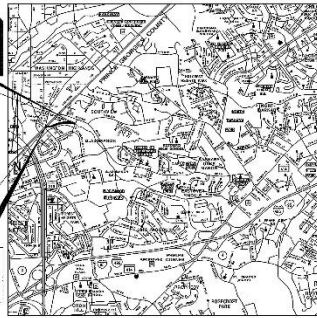
ALL BE PERFORMED
BY ENGINEER

INDENT THE AREA COVERED
BY PRINTINGS.

1 FOOT SHEET NO.

**LIMIT OF WORK
SEGMENT 2
STA. 125+64**

**LIMIT OF WORK
SEGMENT 2
STA. 112+00**



LOCATION MAP

SCALE: 1" = 400'

100% DESIGN SUBMISSION

CONSULTANT'S CERTIFICATION

I HEREBY CERTIFY THAT I HAVE PERSONALLY AND INDEPENDENTLY EXAMINED THE PLANS, SPECIFICATIONS, AND CONTRACT DOCUMENTS FOR THIS PROJECT AND THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MARYLAND. I AM NOT PROVIDING THIS CERTIFICATION AS A BASIS FOR ANY OTHER CERTIFICATION OR AS A BASIS FOR ANY OTHER LIABILITY. I AM NOT PROVIDING THIS CERTIFICATION AS A BASIS FOR ANY OTHER LIABILITY. I AM NOT PROVIDING THIS CERTIFICATION AS A BASIS FOR ANY OTHER LIABILITY.

REHABILITATION CERTIFICATION

I HEREBY CERTIFY THAT I HAVE PERSONALLY AND INDEPENDENTLY EXAMINED THE PLANS, SPECIFICATIONS, AND CONTRACT DOCUMENTS FOR THIS PROJECT AND THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MARYLAND. I AM NOT PROVIDING THIS CERTIFICATION AS A BASIS FOR ANY OTHER CERTIFICATION OR AS A BASIS FOR ANY OTHER LIABILITY. I AM NOT PROVIDING THIS CERTIFICATION AS A BASIS FOR ANY OTHER LIABILITY. I AM NOT PROVIDING THIS CERTIFICATION AS A BASIS FOR ANY OTHER LIABILITY.

CONSULTANT'S DECLARATION

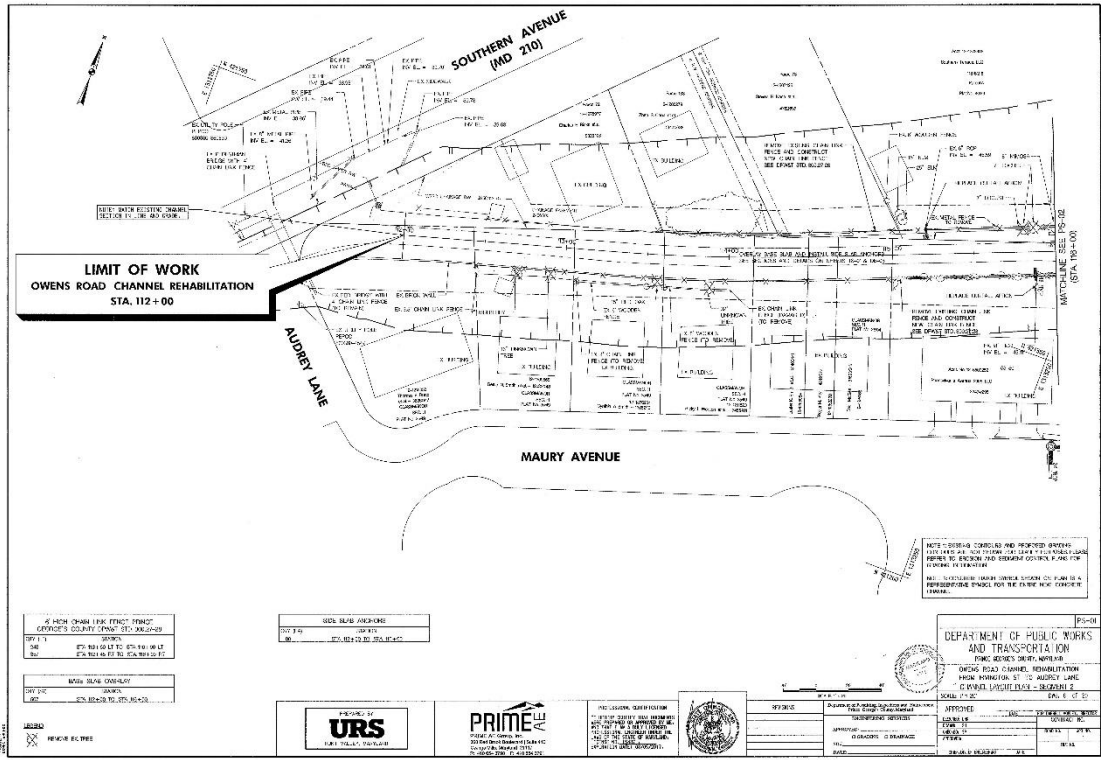
I HEREBY CERTIFY THAT THIS PLAN OR DESIGN AND REVISIONS HERETO ARE THE WORK OF ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MARYLAND. I AM NOT PROVIDING THIS DECLARATION AS A BASIS FOR ANY OTHER CERTIFICATION OR AS A BASIS FOR ANY OTHER LIABILITY. I AM NOT PROVIDING THIS DECLARATION AS A BASIS FOR ANY OTHER LIABILITY. I AM NOT PROVIDING THIS DECLARATION AS A BASIS FOR ANY OTHER LIABILITY.

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PERMISSIBLE PRACTICES

PERMISSIBLE PRACTICES FOR THE REHABILITATION OF CHANNELS IN URBAN AREAS. THESE PRACTICES SHALL BE USED TO MAINTAIN THE CHANNEL'S FUNCTION AND TO PREVENT FLOODING AND EROSION. THESE PRACTICES SHALL BE USED TO MAINTAIN THE CHANNEL'S FUNCTION AND TO PREVENT FLOODING AND EROSION.



LIMIT OF WORK
OWENS ROAD CHANNEL REHABILITATION
STA. 112+00

Logos for URS and PRIME CONSULTANTS, along with various engineering and construction stamps and signatures.

POINTS OF CONTACT DURING DESIGN:

Liz Miller

Chief, Engineering Services Division

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Project Manager

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Mabe@co.pg.md.us

POINT OF CONTACT DURING CONSTRUCTION:

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Chief, Construction Division

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Email: djoseph@co.pg.md.us