CAPE MAY COUNTY

17TH STREET BRIDGE REPLACEMENT

17TH STREET OVER

THE VENETIAN-CARNIVAL BAYOU

CITY OF OCEAN CITY

CAPE MAY COUNTY, NEW JERSEY

JULY 2014

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DESIGN TRAFFIC DATA

201X A.D.T. 2-WAY

203X A.D.T. 2-WAY

V (DESIGN SPEED) 30 MPH

INDEX OF UTILITIES

NEW JERSEY ONE-CALL (CALL BEFORE YOU DIG) 1-800-272-1000

ELECTRIC

ATLANTIC CITY ELECTRIC
420 NORTH ROUTE 9
CAPE MAY COURT HOUSE, NJ 08210
CONTACT: LEON HORIN (609) 463-3821

WATER & SEWER

NEW JERSEY AMERICAN WATER COMPANY
1025 LAUREL OAK ROAD
VORHEES, NJ 08403
CONTACT: ADAM KANE, PE (856) 309-4754

GAS

SOUTH JERSEY GAS - CAPE MAY DIVISION
1708 ROUTE 9 NORTH
CAPE MAY COURT HOUSE, NJ 08210
CONTACT: WILLIAM MONTAG, IV (609) 465-2900 EXT. 4013

TELEPHONE

VERIZON - NJ, INC.
423 WASHINGTON AVENUE
PLEASANTVILLE, NJ 08232
CONTACT: DELORIS A. CARR (609) 407-5114

CABLE TV

COMCAST COMMUNICATIONS, INC.
901 WEST LEEDS AVENUE
ABSECON, NJ 08205
CONTACT: BOB MAYEUX (609) 680-1869

SECTION

SCALE: 1" = 200'

CAPE MAY COUNTY
DEPARTMENT OF PUBLIC WORKS
OFFICE OF THE COUNTY ENGINEER

DUE TO INHERENT ERRORS IN REPRODUCTION METHODS, ERRORS MAY OCCUR WHEN SCALING THIS DRAWING

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PREPARED AND RECOMMENDED BY:

WILLIAM C. PYONTEK, P.E., P.P., PROFESSIONAL ENGINEER N.J. LIC. NO. GE29568

DALE FOSTER, P.E., CAPE MAY COUNTY ENGINEER

GERALD M. THORNTON, DIRECTOR, CAPE MAY COUNTY BOARD OF CHOSEN FREEHOLDERS

THE LENGTH OF PROJECT: 205 LF OR 0.040 MILES


THIS PLAN SHALL BE CONSIDERED AS ONLY APPROXIMATE AND SUBJECT TO SUCH MODIFICATIONS OF WHATEVER NATURE THE SITE CONDITIONS MAY REQUIRE. THE CONTRACTORS ARE TO SATISFY THEMSELVES BY PERSONAL EXAMINATION OF THE SITE AND LOCATION OF PROPOSED WORK, AND BY SUCH OTHER MEANS AS THEY MAY PREFER, AS TO THE ACCURACY OF THESE PLANS.
NOTE:

1. THE LIMIT OF MILLING TO MEET THE RESURFACING LIMITS SHOWN IN FEDERAL PROJECT NO. STP-2004(102) AND MATCH THE EXISTING SLOPE BEYOND STA. 3+00.
SOIL EROSION AND SEDIMENT CONTROL NOTES

METHODS AND MATERIALS

SOIL EROSION AND SEDIMENT CONTROL NOTES

Phone: (609) 625-3144

REVISED

AND

THAT

IT

OF

SITE.

WITH

WILL

STORMWATER

OUTFALLS

CERTIFICATES

ROADWAY

TO

MINIMUM

ACCORDANCE

UPON

TEMPORARY

OF

SUITABLE

BE

THE

MANUFACTURER AND REMAIN TACKY UNTIL GERMINATION OF GRASS.

SEEDING.

INSURE

AFTER

EROSION

THIS

ARE

IN THE WORKS, VEGETABLE NETTINGS ARE RECOMMENDED.

SEEDS.

AND

AND

MAINTENANCE.

MANUFACTURER OR ADHESIVE AGENT IS REQUIRED.

TACKIFYING OR ADHESIVE AGENT IS REQUIRED.

MULCH

EPIDERMOIDS.

KNOTS

MORE THAN 1/4 INCH IN DIAMETER ARE CALLED KNOTS AND MUST BE REMOVED.

AFLOAT-NOSE DISEASE.

LEAVES.

WHITE SPOT, A TYPICAL UNKNOWN OF ALGAE WHICH CAN BE SEEN IN WATER SAMPLES.

ASTER (ASTM-C-33) IS RECOMMENDED.

TO BE USED OR DEPOSITED ON THE SITE.

COMBINED WITH A MECHANICAL APPLICATION OF A MULCH-EMULSION OR TACKIFYING ADHESIVE, A MULCH NETWORK IS STABILIZED.

RECOMMENDATIONS.

IN SPROUTING AND PERMANENT SEEDING.

SEEDS.

IN SPROUTING AND PERMANENT SEEDING.

SEEDS.

STABILIZATION NETWORKS ARE USED FOR THE PROTECTION OF EXPOSED SLOPES.

BONNETED.

BEEN RECOMMENDED.

SEEDS.

DISTRIBUTION AREAS, WHERE THE SOD IS APPLIED.
CONSTRUCTION NOTES:

1. All reinforcing bars shall be straight, cold-formed steel, Grade 60 (ASTM A615) conforming to ASTM A615. They shall be furnished in the sizes specified herein. Any substitutions made shall be approved by the Engineer. When specified elsewhere, reinforcing bars shall be Grade 40 (ASTM A615).

2. The Precast Concrete Arch Structure, Handrails and Pedestals shall be furnished in accordance with the Design Drawings. All materials shall be furnished in accordance with the latest edition of the AWS D1.1 Structural Welding Code. The Contractor shall provide written plant certification(s) with the shop drawings.

3. All Precast Concrete Arch Structure, Handrails and Pedestals shall be furnished in accordance with the Design Drawings. All materials shall be furnished in accordance with the latest edition of the AWS D1.1 Structural Welding Code. The Contractor shall provide written plant certification(s) with the shop drawings.

4. The Precast Concrete Arch Structure, Handrails and Pedestals shall be furnished in accordance with the Design Drawings. All materials shall be furnished in accordance with the latest edition of the AWS D1.1 Structural Welding Code. The Contractor shall provide written plant certification(s) with the shop drawings.

5. All Precast Concrete Arch Structure, Handrails and Pedestals shall be furnished in accordance with the Design Drawings. All materials shall be furnished in accordance with the latest edition of the AWS D1.1 Structural Welding Code. The Contractor shall provide written plant certification(s) with the shop drawings.

6. All Pre-Stressed Concrete Arch Structure, Handrails and Pedestals shall be furnished in accordance with the Design Drawings. All materials shall be furnished in accordance with the latest edition of the AWS D1.1 Structural Welding Code. The Contractor shall provide written plant certification(s) with the shop drawings.

7. All Pre-Stressed Concrete Arch Structure, Handrails and Pedestals shall be furnished in accordance with the Design Drawings. All materials shall be furnished in accordance with the latest edition of the AWS D1.1 Structural Welding Code. The Contractor shall provide written plant certification(s) with the shop drawings.

8. All Pre-Stressed Concrete Arch Structure, Handrails and Pedestals shall be furnished in accordance with the Design Drawings. All materials shall be furnished in accordance with the latest edition of the AWS D1.1 Structural Welding Code. The Contractor shall provide written plant certification(s) with the shop drawings.

9. All Pre-Stressed Concrete Arch Structure, Handrails and Pedestals shall be furnished in accordance with the Design Drawings. All materials shall be furnished in accordance with the latest edition of the AWS D1.1 Structural Welding Code. The Contractor shall provide written plant certification(s) with the shop drawings.

10. All Pre-Stressed Concrete Arch Structure, Handrails and Pedestals shall be furnished in accordance with the Design Drawings. All materials shall be furnished in accordance with the latest edition of the AWS D1.1 Structural Welding Code. The Contractor shall provide written plant certification(s) with the shop drawings.

GENERAL NOTES:

1. DESIGN SPECIFICATIONS:

   The Design Specifications for this project shall be prepared in accordance with the latest edition of the New Jersey Department of Transportation Standard Specifications for Roads and Bridges. The Design Specifications shall be furnished in the form of drawings and calculations. The Contractor shall provide written plant certification(s) with the shop drawings.

2. CONSTRUCTION SPECIFICATIONS:

   The Construction Specifications for this project shall be prepared in accordance with the latest edition of the New Jersey Department of Transportation Standard Specifications for Roads and Bridges. The Construction Specifications shall be furnished in the form of drawings and calculations. The Contractor shall provide written plant certification(s) with the shop drawings.

3. LINE ITEMS:

   This project shall be performed in accordance with the latest edition of the New Jersey Department of Transportation Standard Specifications for Roads and Bridges. The Line Items shall be furnished in the form of drawings and calculations. The Contractor shall provide written plant certification(s) with the shop drawings.

4. CONCRETE DESIGN STANDARDS:

   The concrete design standards for this project shall be in accordance with the latest edition of the New Jersey Department of Transportation Standard Specifications for Roads and Bridges. The Concrete Design Standards shall be furnished in the form of drawings and calculations. The Contractor shall provide written plant certification(s) with the shop drawings.

5. GROUNDWATER:

   The groundwater for this project shall be in accordance with the latest edition of the New Jersey Department of Transportation Standard Specifications for Roads and Bridges. The Groundwater shall be furnished in the form of drawings and calculations. The Contractor shall provide written plant certification(s) with the shop drawings.