THE STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION AND RIGHT-OF-WAY PLANS FOR:
BR 3-588 ON SR 26
NINE FOOT ROAD OVER
WHARTON'S BRANCH

CONTRACT NUMBER: T201407309
FEDERAL AID PROJECT NUMBER: EBRN-S026(10)

COUNTY: SUSSEX M.R. #: 26

PREPARED BY
DESIGN - TRANSPORTATION SOLUTIONS
BRIDGE DESIGN

2/21/19

ADDENDA / REVISIONS

ASSOCIATED CONTRACTS

APPROVED FOR ADVERTISEMENT

DECLARATION:
THIS PLAN SET IS INTENDED TO BE A GUIDELINE FOR PREPARING A SET OF PLANS INVOLVING THE CONSTRUCTION OF A PRECAST CONCRETE BOX DIVERTER. IT IS NOT INTENDED TO BE A SET OF STANDARDS. THE DESIGN ENGINEER IS STILL RESPONSIBLE FOR PERFORMING THE DESIGN AND NECESSARY DOCUMENTATION USING NEEDED ENGINEERING JUDGEMENT AND EXPERTISE.
The Bridges and Structures Section prefers to combine the 'Index of Sheets' and 'Addenda and Revisions' sheets. In addition, it is preferred to leave the 'Section' box blank and not include blank addenda and revisions blocks. Future example plans will reflect these preferences.
WHEN POSSIBLE, THE BRIDGES AND STRUCTURES SECTION PREFERS TO COMBINE THE 'INDEX OF SHEETS' AND 'ADDENDA AND REVISIONS' SHEETS. IN ADDITION, IT IS PREFERRED TO LEAVE THE 'SECTION' BOX BLANK, AND NOT INCLUDE BLANK ADDENDA AND REVISIONS BLOCKS. FUTURE EXAMPLE PLANS WILL REFLECT THESE PREFERENCES.
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**NOTES:**
1. THE INFORMATION SHOWN ON THIS SHEET IS BASED ON LIMITED INVESTIGATIONS AND IS IN NO WAY INTENDED TO BE DEEMED AS ACTUAL CONDITION WHICH MAY BE ENCOUNTERED DURING CONSTRUCTION. SEE SECTION 20.15 OF THE STANDARD SPECIFICATION FOR MORE DETAIL.
2. Fermi Engineering was retained by the Louisiana Department of Transportation, Subsurface Exploration completed by Multi-Engines Engineering Associates, Inc. Inside.
3. The locations of boring are referenced to the construction plan and located on 0.1 and 0.2.
4. Soil samples were collected at the site using a split sample sampler, driven into the ground falling 30 in.
5. All depths given are in feet.
SEQUENCE OF CONSTRUCTION:

1. INSTALL PIPE IN ACCORDANCE WITH THE DETAIL PLAN AND CLOSE NINE FOOT ROAD (15").
2. INSTALL COMPACT FILTER COFFERED CHANNEL (1 foot radius and 1 foot depth) EXCEPT CONNECTION TO SANDS DIES (1/2" X 1/2"
   1/8" X 1/8") AS DIRECTION BY FIELD ENGINEER.
3. INSTALL STEELING ROLL (1 foot radius and 1 foot depth) JUST UPSTREAM OF THE PROPOSED UPSTREAM SANDS DIES, PLACE R-S RIPPLE (1" X
   1/8" X 1/8") AT THE PROPOSED CROSSWATER AREA OF THE RAMP ON TOP OF COFFERED PIPE FOR STABILIZED DRAIN.
4. CONSTRUCT THE SANDS DIES ON SANDS DIES. AT THE LOCATION SHOWN WITH A TOP 3-4 INCHES BELOW TOP OF STREAM BANK
   WITH 1/4" X 1/8" RIPPLES IN THE STREAMBANK ELEVATION OF THE DOWNSTREAM SANDS DIES SHALL NOT BE LOWER THAN THE LOWEST
   ELEVATION OF THE UPSTREAM SANDS DIES. CONNECT SILL FENCE TO SANDS DIES OR SANDS DIES TO COMPLETELY ENCLOSE THE
   WORK AREA. USE PUMP (1/2" X 1/8") TO DIVERT THE STREAM BASE FLOW AROUND THE ENCLOSED WORK AREA. WHEN THE FLOW IS
   HIGHER THAN PUMP CAPACITY DURING NORMAL EVENTS, THE STREAM FLOW IS ALLOWED TO FLOW OVER THE SANDS DIES OR
   SANDS DIES. THEREFORE, THE ENCLOSED AREA SHALL BE KEPT CLEAR OF SEEPAGE AND ZMBRICATIONS AT THE END OF EACH WORKING
   PERIOD. THE BASE FLOW THROUGH THE PUMP (1/2") SHALL BE 12 TO 20 C.F.S. IN ACCORDANCE WITH PLANS.
5. INSTALL CEMENT FILTER COFFERED CHANNEL (1 foot radius and 1 foot depth) JUST UPSTREAM OF THE PROPOSED UPSTREAM SANDS DIES AS A SEEDING TRAPPING DEVICE. SEED THE WORK
   AREA IN ACCORDANCE WITH THE DETAIL PLAN AND COFFERED PIPE SPECIFICATIONS. DISCHARGE CLEAR EFFLUENT FROM THE TREATED
   SEEDING TRAPPING DEVICE AT THE STABILIZED OUTLET OR ON ANOTHER STABILIZED OUTLET AS APPROVED BY THE ENGINEER.
6. ERASE Tears AND CONCRETE SILL FENCE REMOVES EXISTING PIPES AND DRAINAGE DIES. INSTALL THE PROPOSED PROJECT SILL FENCE,
   RIPPLES, AND DRAINAGE DIES IN ACCORDANCE WITH PLANS.
7. INSTALL SEEDING TRAPPING DEVICE AS SHOWN IN THE PLANS.
8. INSTALL SEEDING TRAPPING DEVICE AS SHOWN IN THE PLANS AND COMPLETE ANY OTHER REMAINING WORK.
9. REMOVE ALL TEMPORARY PIPES AND CONSTRUCTION DEVICES AFTER FINAL INSTALLATION OF ALL DAMAGED AREAS IN
   ACCORDANCE WITH THESE PLANS AND WITH CONCURRENCE FROM ENGINEER'S STORMWATER ENGINEER.