

NOTES:

- RIPRAP PLACEMENT DOWNSTREAM - RIPRAP SHALL BE PLACED IN THE CHANNEL BOTTOM (AS INDICATED ON SHEET 7) ALONG THE STREAM CENTERLINE AND SHALL BE PLACED TO CREATE A SMOOTH BEND THAT MATCHES THE EXISTING STREAM BANKS.
- SEE ENVIRONMENTAL COMPLIANCE SHEET FOR ADDITIONAL NOTES ON STREAM RESTORATION AND RIPRAP TREATMENT.
- EXISTING IMPERVIOUS PAVEMENT AREA: 6,584 S.F.
PERMANENT IMPERVIOUS PAVEMENT AREA: 6,637 S.F.
NET CHANGE IN IMPERVIOUS PAVEMENT AREA: 53 S.F.
- SEE SHEET 3 NOTE 6 FOR NPDES GENERAL PERMITTING.
- INSTALL 18" HDPE WITH MINIMUM OF 12" COVER.
- THE "LOC" AND "TCE" IS THE SAME LINE BUT THE "LOC" IS SHOWN OFFSET 2' FOR CLARITY.
- THE LOC MAY BE REDUCED AT THE DISCRETION OF THE CONTRACTOR TO LIMIT THE DISTURBANCE TO WOODED AREAS AND OTHER FEATURES. REDUCTIONS TO THE LOC WILL BE DETERMINED DURING THE ONSITE PRECONSTRUCTION MEETING.

* MATCH PAVEMENT AND PAVEMENT MARKINGS WITH STRAIGHT LINES FROM SAWCUT TO SAWCUT; MINOR VARIATIONS IN WIDTHS ARE ACCEPTABLE.

| RIPRAP SCHEDULE | | |
|-----------------|------|---------|
| LOCATION | TYPE | AREA/SF |
| UPSTREAM | R-4 | 1315.00 |
| DOWNSTREAM | R-4 | 2432.00 |

| SOIL BORING SCHEDULE | | | |
|----------------------|-----------|--------|---------------------|
| NO. | STATION | OFFSET | DESCRIPTION |
| B-1 | 251+49.09 | 17.59 | SEE SOIL BORING LOG |

| DRAINAGE PIPE SCHEDULE | | | | | | |
|------------------------|-------------|-------|--------|-------|----------|----------|
| NO. | SIZE / TYPE | CLASS | LENGTH | SLOPE | INT. EL. | DIS. EL. |
| 1 | 18" HDPE | S | 67.00 | 0.50% | 44.14 | 43.80 |
| 2 | 18" HDPE | S | 41.00 | 0.50% | 43.79 | 43.59 |

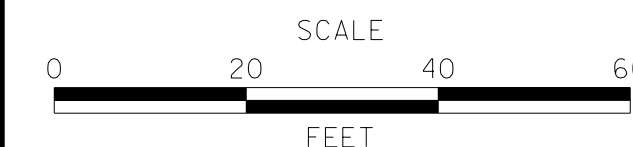
| DRAINAGE INLET SCHEDULE | | | | | | |
|-------------------------|-----------|--------|-----------|-------|-----------|----------|
| NO. | STATION | OFFSET | BOX SIZE | GRATE | T. G. EL. | INV. EL. |
| 1 | 252+09.92 | -26.83 | 34" x 24" | X | 47.83 | 43.80 |

| PAVEMENT MARKINGS LEGEND | | |
|--------------------------|--|----------|
| SYMBOL | ITEM | QUANTITY |
| (A) | PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5" (ITEM 817013) | 150 LF |
| (B) | PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5" (ITEM 817013) | 600 LF |



**DELAWARE
DEPARTMENT OF TRANSPORTATION**

ADDENDUMS / REVISIONS



**DESIGN-BUILD STATEWIDE
PIPE REPLACEMENT PROJECT
(BR 3-914 ON SR 16 BEACH HIGHWAY)**

| | | |
|------------|--------------|--------------|
| CONTRACT | BRIDGE NO. | 3-914 |
| T201607002 | DESIGNED BY: | HLW |
| COUNTY | CHECKED BY: | KSJ |
| SUSSEX | | |

CONSTRUCTION PLAN

| | |
|-------------|----|
| SHEET NO. | 5 |
| TOTAL SHTS. | 13 |