

- 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: 5,547 S.F.
PERMANENT IMPERVIOUS PAVEMENT AREA: 5,775 S.F.
NET CHANGE IN IMPERVIOUS PAVEMENT AREA: 228 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.

RIPRAP SCHEDULE		
LOCATION	TYPE	AREA/SF
UPSTREAM	R-4	897.00
DOWNSTREAM	R-4	1895.00

SOIL BORING SCHEDULE			
NO.	STATION	OFFSET	DESCRIPTION
AR-1	53+89.60	9.55	SEE SOIL BORING LOG
AR-2	54+28.32	11.25	SEE SOIL BORING LOG

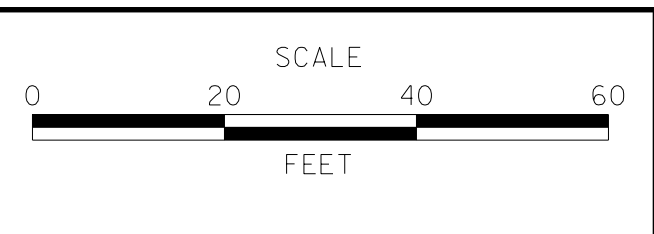
DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
1	53+56.00	-20.80	48" x 30"	1	19.36	17.30

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INT. EL.	DIS. EL.
1	18" HDPE	S	47.00	0.50%	17.30	17.05
2	18" HDPE	S	42.00	0.50%	17.58	17.37

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)	300 LF



ADDENDUMS / REVISIONS	



DESIGN-BUILD STATEWIDE PIPE REPLACEMENT PROJECT (BR 3-441 ON ARMORY ROAD)

CONTRACT T201607002	BRIDGE NO. 3-441
COUNTY SUSSEX	DESIGNED BY: HLW
	CHECKED BY: KSJ

CONSTRUCTION PLAN	SHEET NO. 5
	TOTAL SHTS. 13