12'-0" SPAN X 5'-0" RISE PRE-CAST CONCRETE BOX CULVERT. EMBEDDED 2-FEET IN CHANNEL BOTTOM. SEE PROFILE

VOID-FILLED RIPRAPH (CHANNEL BOTTOM) (D50=12" / SEE NOTE, SHEET 2)

1'X2' PRE-CAST CONCRETE HEADWALL, TYP (REINFORCING PER FABRICATOR)

VOID-FILLED RIPRAPH (CHANNEL BOTTOM) (D50=12" / SEE NOTE, SHEET 2)

ELEV. = 223.08

ELEV. = 221.08

CULVERT FILL MATERIAL VOID-FILLED RIPRAPH, 2-FEET (SEE NOTE, SHEET 2)

Native Subgrade BACKFILL WITH COMMON BORROW (MEDOT 703.18) OR SUITABLE ONSITE MATERIAL

Existing CMP Culvert/Channel Bottom, approx. REMOVE EXISTING RCP CULVERT AND BACKFILL WITH SUITABLE ONSITE MATERIAL AND ROAD GRAVEL

Existing Channel Slope = 1.9%

3.5" HMA MIN. (OR MATCH EXISTING) (1.5" 12.5mm SURFACE) (2" 19.0mm BASE)

CONTRACTOR TO COORDINATE SUPPORT OF UTILITY POLE AS NECESSARY

AGGREGATE SUB-BASE (18"), TYPE D, MEDOT 703.06

AGGREGATE BASE (6"), TYPE A, MEDOT 703.06

LIMIT OF PAVEMENT RESTORATION (26-FEET FROM EDGE OF PROPOSED CULVERT)

LIMIT OF PAVEMENT RESTORATION (26-FEET FROM EDGE OF PROPOSED CULVERT)

EXISTING EDGE OF PAVEMENT

DRAINAGE

SWFL

CURRENT TOPSOIL

BASEMENT WALL

CUTTING WALL

PLAIN RIPRAPH (SIDESLOPES) (D50=12" / SEE NOTE 29, SHEET 2)

PLAIN RIPRAPH (SIDESLOPES) (D50=12" / SEE NOTE 29, SHEET 2)

MAST ROAD

MAPPED WETLAND, TYP

MAST ROAD CULVERT REPLACEMENT

TOWN OF FALMOUTH, MAINE

10'-0" 10'-0"

2" EMBEDDMENT