STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

FREEPORT
CUMBERLAND COUNTY
ROUTE 1
STATE PROJECT NO. 20269.00
PROJECT LENGTH: 0.05 MILES

TRAFFIC DATA
Current (2015) AADT: 3410
Future (2037) AADT: 3621
DTH % of AADT: 3%
Design Speed (mph): 35 MPH
Functional Class: MAJOR/URBAN COLLECTOR
Corridor Priority: 3

PROJECT LOCATION: 0.05 MILES SOUTH OF NOBLE DRIVE ON ROUTE 1
PROGRAM AREA: HIGHWAY PROGRAM
SCOPE OF WORK: SLIP LINING, GRAVITY BOX CULVERT, RECONSTRUCT SHOULDER, FILL EMBANKMENT, SAFETY IMPROVEMENTS

INDEX OF SHEETS
Description | Sheet No.
--- | ---
Title Sheet | 1
Typical Sections | 2
Worx Detail | 3
Plan | 4
Cross-Sections | 5-10
ROW | 11
Freeport Slipline Internal Weirs
US-1 Frost Gully Brook
WIN 20269

Weir Plate Details

Plan View

Flow

Evel Upstream edge

1" plastic weir plate

3.59' 0.70'

Section View Looking Downstream

Profile View

1" thk plastic gusset plate

Plastic Liner ID = 8'

Notes:
1) total of 10 weirs, outlet weir mounted flush with pipe end
2) weir spacing approx. 14.4 ft
3) 2 gusset plates per weir, mounted on upstream side
4) 1" thk plastic for weirs and gussets

Flow