

## ENVIRONMENTAL EXPLANATION OF RFP REQUIREMENTS (JUNE 25, 2019)

The Final RFP requirements reflect the technical assistance from USFWS received to date that allows less than 1.2 bankfull width structure sizing and channel geometry for new bridges on the existing horizontal alignment to avoid reconstructing the in-water portions of the existing riprap slopes. MaineDOT will be consulting based on these requirements. Should the Proposer present an off-alignment proposal, or one that requires reconstruction of the existing riprap slopes, or requires substantial new construction of permanent in-water slope stabilization, an ATC will be required, and the Design-Builder shall size the structure and channel geometry to provide a 1.2 bankfull width structure with wildlife passage in accordance with the following:

- Bridges 1433 and 5951: The bankfull width of the reconstructed stream channel must be set at 90 feet wide at bankfull height (approximately 119 ft elevation), measured perpendicular to the stream (not along the road centerline). To meet 1.2 X BFW, a minimum stream bank width of 9 ft must be provided on each side of the stream. Bank heights should be approximately 2' – 3' above the bankfull height (approximately 121-122 ft. elevation), across the width of the stream bank. A wildlife shelf shall be included on the west side.
- Bridges 1432 and 5950: The bankfull width of the reconstructed stream channel must be set at 115 feet wide at bankfull height (approximately 119 ft elevation), measured perpendicular to the stream (not along the road centerline). To meet 1.2 X BFW, a minimum bank width of 12 ft must be provided on each side of the stream. Bank heights should be approximately 2' – 3' above the bankfull height (approximately 121-122 ft. elevation), across the width of the stream bank. A wildlife shelf shall be included on the east side.
- Bridge 1431 and 5949: The bankfull width of the reconstructed stream channel must be set at 105 feet wide at bankfull height (approximately 119 ft elevation). In addition, a minimum bank width of 11 ft must be provided on each side of the stream. Bank heights should be approximately 2' – 3' above the bankfull height (approximately 121-122 ft. elevation), across the width of the stream bank. A wildlife shelf shall be included on the east side.

For an off-alignment project, the Design-Builder shall also provide a Habitat Connectivity Design Report to support the design(s). USFWS would likely allow this; however, re-initiation of Section 7 would be required and would require additional time.