

Determination of MOA Type

MOA Type	Study Type	Change in Rounded BFE	Approval Authority	Additional Information
1	Any	Decrease $\leq 0.1'$	SHE	Rounded BFE increases of 0.1 ft. and above are not permitted. Must confirm that there are no structures impacted by a BFE increase in the hundredths.
2a [†]	Any	Decrease $> 0.1'$ to $< 0.5'$	SHE	Must confirm that there are no structures impacted by a BFE increase in the hundredths.
2b	Any	Decrease $\geq 0.5'$	NCFMP	Rounded BFE increases of 0.1 ft. and above are not permitted for a Detailed Study stream. For Limited Detailed Study stream, an increase less than 0.5 ft. is acceptable. Must confirm that there are no structures impacted by a BFE increase in the hundredths.
2c	Study with incomplete, erroneous or missing data	6 section analysis showing no BFE increase from existing to proposed conditions.	NCFMP	NCFMP Concurrence Required
2d [†]	Limited	Increase $\geq 0.1'$ to $< 0.5'$	SHE	The MOA narrative must confirm that there are no structures impacted by an increase greater than 0.00 ft.
2e	Limited	Increase $\geq 0.5'$ to $\leq 1.0'$	NCFMP	The MOA narrative must confirm that there are no structures impacted by an increase greater than 0.00 ft.
2f	Limited	Increase $> 1.0'$ & within ROW	NCFMP	Only applies if increase stays within ROW. FMP and SHE approval required.
2g	Detailed	Increase $> 0.0'$ & within ROW	NCFMP	Only applies if increase stays within DOT ROW. FMP and SHE approval required.
3a	Approved CLOMR	n/a	NCFMP	Submit As-Built Plans for previously approved CLOMRs for which the DFIRM mapping is still current.
3b	Approved CLOMR	n/a	NCFMP	Submit As-Built Plans for previously approved CLOMRs for which the FIRM mapping has been modified since the issuance of the CLOMR approval.
3c	Any	Pre-application consultation when CLOMR is required or the published flood data are scientifically or technically incorrect	NCFMP	Engineer may initiate a pre-application consultation to discuss H&H design issues with a NCFMP representative.
4a	Approved MOA or CLOMR	n/a	NCFMP	Utilize when As-Built plans deviate from the design plans and flood models, which may result in a BFE and MOA type change and LOMR.

† If a project qualifies for both a 2a and a 2d, MOA type is determined by the maximum absolute change in BFE; if equal, submit as type 2d