It is מותר to weave strings for חול המועד on חול המועד.

שבת is included as part of שבעה and does not cut שבעה short (unlike a רגל).

אים טוב (even אבעה and יום כיפור) cuts שבעה short (although as long as he sat שבעה even a little, it counts as seven full days towards his שלושים combined with the days of the דגל itself). If starts right after אום טוב, שבעה cancels יום טוב. Therefore, he may shave and bathe immediately after יום טוב.

If the day after אבל is שבת that precedes a יום טוב, the אבל may shave ערב שבת.

Regarding שבעה and שלושים, we say מקצתו היום ככולו. Therefore, an מקצתו היום ככולו after sitting briefly in the morning, or can cut his hair on the thirtieth day.

An אבל whose שבעה is cancelled by a יום טוב may not bathe until after תפילת מנחה near evening.