

Draft Supplemental Environmental Impact Statement APPENDIX F: HISTORICAL TOPOGRAPHIC MAPS AND AERIALS

The following historical topographic mapping and aerial photographs illustrate the changes in land use that have occurred in the Hampton Roads region over time within the Socioeconomic Resources Indirect and Cumulative Effects Study Area. This appendix includes historic topographic mapping from: 1955, 1964, 1965, 1973, and 1986 and aerial photos from 1963, 1982, 1983, 1990, 1991, 1994, 2002, and 2010.



Figure F-1: 1955 Historical Topographic Maps (Hampton / Newport News)

Quadrants: Morrison, Newport News, Hampton, Norfolk North, and Ocean View



58-91 85-CML 37°00' 24-63 48-22 GS-CML 76°22'30" 58-96 GS-CML MORRISON 05007/

Figure F-2: 1963 Aerial of Newport News and Hampton (USGS, 1963)





Figure F-3: 1963 Aerial of Hampton (USGS, 1963)



@esri Spegalville 18 Norrison CAMP MORRISON Buckro Hampton North Newport News Hilton Village Phoebus Old Point Comfort

Figure F-4: 1964 and 1965 Historical Topographic Maps (Hampton /Newport News)

Quadrants: Richmond, Norfolk North, and Newport News South



@esri Hallwood Buckroe Beach US MIL RI FORT MON Cerr State of Virginia, Esri, HERE, DeLorme, INCREMENT P, Intermap, USGS, METINASA, NGA, EPA, USDA | Source

Figure F-5: 1973 Historical Topographic Maps (Hampton /Newport News)

Quadrants: Richmond, Newport News South, and Norfolk North



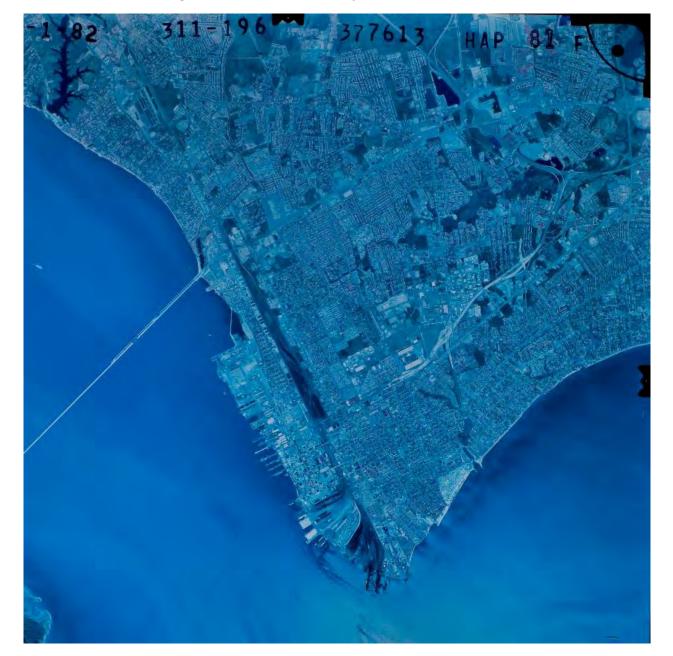


Figure F-6: 1982 Aerial of Newport News (USGS, 1982)





Figure F-7: 1983 Aerial of Hampton and Norfolk (USGS, 1983)



State of Virginia, Esri, HERE, DeLorme, INCREMENT P, Intermap, USGS, METVNASA, NGA, EPA, USDA | Source: Historical To

Figure F-8: 1986 Historical Topographic Maps (Hampton / Newport News)



Google earth Image NASA Image U.S. Geological Survey Google earth miles km

Figure F-9: 1991 Aerial of Newport News (USGS, 1991)



Google earth Image U.S. Geological Survey Google earth miles km

Figure F-10: 1994 Aerial of Hampton (USGS, 1994)



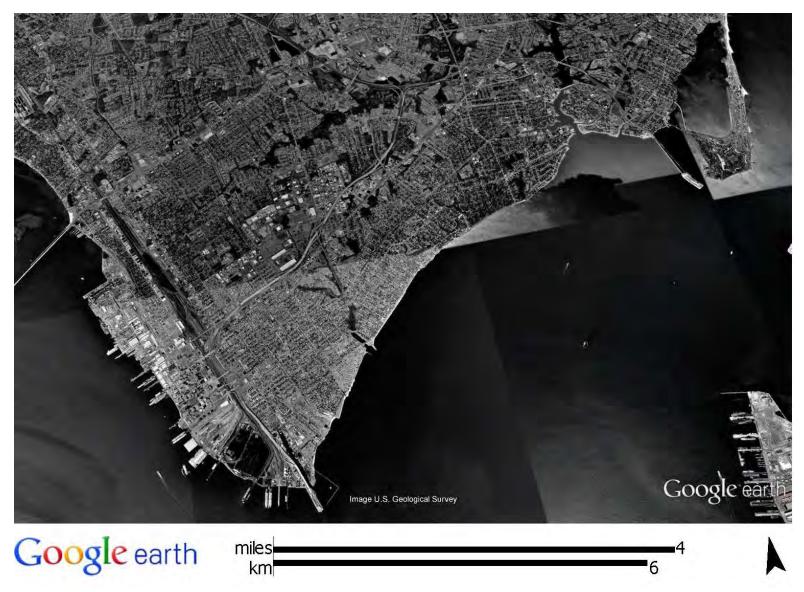


Figure F-11: 2002 Aerial of Newport News and Hampton (USGS, 2002)



Google earth miles

Figure F-12: 2010 Aerial of Newport News and Hampton (Google Earth, 2010)



Figure F-13: 1955 Historical Topographic Maps (Norfolk / Portsmouth / Suffolk)

Quadrants: Norfolk North, Ocean View, Newport News, Bowers Hill, Norfolk South, and Kempsville



State of Virginia, Esri, HERE, DeLorme, INCREMENT P, Intermap, USGS, METI/NASA, NGA, EPA, USDA | Source: Historical To...

Figure F-14: 1955 Historical Topographic Maps (Suffolk / Portsmouth / Chesapeake)

Quadrants: Bowers Hill, Norfolk South, and Kempsville



2B-112 2F-107 2B-21 2F-20 15-63 28-23 GS-CML 3-18-63 2B-113 GS-CML -18-63 2F-104 GS-CML 5-63 28-24 2F-135 6S-CML 3-18-63 128-117 GS-F-136

Figure F-15: 1963 Aerial of Norfolk (USGS, 1963)



Figure F-16. 1963 Aerial of Suffolk, Portsmouth, Chesapeake to Bowers Hill (USGS, 1963)





2F-136 76°22'30" 36°52'30" 2F-133 65-CML

Figure F-17: 1963 Aerial of Craney Island and Portsmouth (USGS, 1963)



Figure F-18: 1964 and 1965 Historical Topographic Maps (Norfolk / Portsmouth / Suffolk)

Quadrants: Newport News South, Norfolk North, Little Creek, Bowers Hill, Norfolk South, and Little Creek



@esri State of Virginia, Esri, HERE, DeLorme, INCREMENT P, Intermap, USGS, METI/NASA, NGA, EPA, USDA

Figure F-19: 1964 and 1965 Historical Topographic Maps (Suffolk / Portsmouth / Chesapeake)

Quadrants: Bowers Hill, Norfolk South, and Kempsville



@esri

Figure F-20: 1973 Historical Topographic Maps (Norfolk / Portsmouth / Suffolk)

Quadrants: Newport News South, Norfolk North, Little Creek, Bowers Hill (1970), Norfolk South, and Kempsville





Figure F-21: 1982 Aerial of Norfolk and Portsmouth (USGS, 1982)



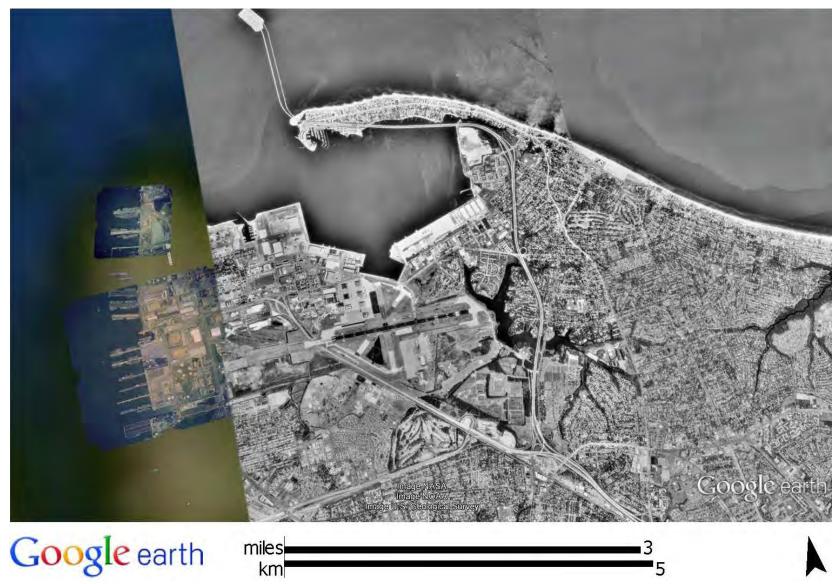


Figure F-22: 1990 Aerial of Norfolk (Google Earth, 1990)





Figure F-23: 2010 Aerial of Norfolk (Google Earth, 2010)



Figure F-24: 1973 Historical Topographic Maps (Suffolk / Portsmouth / Chesapeake)

Quadrants: Bowers Hill (1970), Norfolk South, and Kempsville



Figure F-25: 1983 Aerial of Suffolk, Portsmouth and Chesapeake to Bowers Hill (USGS, 1983)





Figure F-26: 1983 Aerial of Suffolk, Portsmouth and Chesapeake (USGS, 1983)





Figure F-27: 1986 Historical Topographic Maps (Norfolk / Portsmouth / Suffolk)

Quadrants: Newport News South, Norfolk North, Little Creek, Bowers Hill, Norfolk South, and Kempsville



Figure F-28: 1986 Historical Topographic Maps (Suffolk / Portsmouth / Chesapeake)

Quadrants: Bowers Hill, Norfolk South, and Kempsville



Google earth miles km

Figure F-29: 1991 Aerial of Portsmouth and Suffolk (Google Earth, 1991)



Google earth miles km

Figure F-30: 1991 Aerial of Suffolk, Portsmouth and Chesapeake to Bowers Hill (Google Earth, 1991)



Google earth Google earth miles km

Figure F-31: 2002 Aerial of Suffolk and Portsmouth (Google Earth, 2002)



Google earth mage U.S. Geological Survey Google earth miles km

Figure F-32: 2002 Suffolk, Portsmouth and Chesapeake to Bowers Hill (Google Earth, 2002)



Google eart Google earth miles km

Figure F-33: 2010 Aerial of Suffolk, Portsmouth and Chesapeake (Google Earth, 2010)



Coogle earth Google earth miles km

Figure F-34: 2010 Aerial of Suffolk, Portsmouth and Chesapeake to Bowers Hill (Google Earth, 2010)