

**ATTACHMENT E**

# **MAPS AND DRAWINGS**

**COMMONWEALTH OF VIRGINIA**

**AttEMapsandDrawings.pdf**

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**ATTACHMENT G**

# **WAIVER REQUEST**

**COMMONWEALTH OF VIRGINIA**

**AttGWaiverRequest.pdf**





Terence R. McAuliffe  
Governor

Maurice A. Jones  
Secretary of Commerce  
and Trade

# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT

William C. Shelton  
Director

October 26, 2015

The Honorable Julian Castro  
Secretary of Housing and Urban Development  
U.S. Department of Housing and Urban Development  
451 7<sup>th</sup> Street S.W.  
Washington, DC 20410

Re: Time Extension Request

Dear Secretary Castro:

On behalf of the Commonwealth of Virginia, please accept this waiver request for an extension of the 24 month completion deadline. As demonstrated in our proposal the Commonwealth is undertaking large-scale, complicated, infrastructure and watershed projects which will generate significant benefits for the region and Virginia. Planning for these projects is underway and will continue in anticipation of a favorable response from HUD, however, due to the magnitude of these projects and the required regulatory requirements necessary to complete, we feel an extension to the 24 month deadline is necessary. The Commonwealth respectfully requests an extension through September 1, 2022. As demonstrated by the project schedules submitted as part of this proposal, the Commonwealth is confident that funds will be successfully expended and projects fully completed by the date of the extension. The Commonwealth and its partners have extensive experience in the planning, design, and construction of similar projects and will successfully deliver the projects in our ThRIVE proposal.

Per the list below, the following project activities are covered in this request:

### City of Chesapeake

- Tidal Flooding Community Voluntary Buyout Assistance Fund And Micro Mitigation Projects for Added Resiliency for Flood Loss Properties
- Bainbridge Blvd. Corridor Projects: Freeman Ave Overpass; Bainbridge Boulevard Road Elevation; Voluntary Relocation of South Hill Community

### City of Newport News

- Salters Creek Watershed Improvements (Chesapeake Avenue Seawall, Chesapeake Avenue Bike Trail and Sidewalk, 16<sup>th</sup> Street Tide Gate and Pump Station, Hampton Avenue Improvements and Construction Wetlands, Salter Creek Stream Restoration)

### City of Norfolk' Coastal Adaptation & Community Transformation Plan

*Partners for Better Communities*



[www.dhcd.virginia.gov](http://www.dhcd.virginia.gov)

- Coastal Fortifications in the Ohio Creek and Newton's Creek Watersheds
- Resilient Stormwater Management including Green Infrastructure Projects
- Community Amenities for Increased Economic and Social Resiliency
- Elizabeth River Shoreline Restoration for Environmental Resiliency

Commonwealth of Virginia

- Coastal Research and Accelerator

Your support is greatly appreciated.

Sincerely,



Bill Shelton  
Director

## **HUD NDRC Waiver for timeline extension: Norfolk Addendum**

### **Project Schedule for Norfolk's Coastal Adaptation & Community Transformation Plan**

Norfolk's project schedule begins with the assumption that project kick-off will be no earlier than July 1, 2016. Under this assumption, the project is expected to be completed within 72 months, by June 30, 2022. The following is a narrative summary of the full project description, which can be found in Norfolk's Attachment F, Benefit Cost Analysis Report, Section 2.0 Project Description.

The schedule was developed based upon the expertise of design and engineering staff who are familiar with construction for projects of this magnitude implemented in the region. The Mid-Town Tunnel / Midtown Tunnel - MLK Extension project located in Norfolk and Portsmouth (currently under implementation with an expected completion date of 2017 and cost of two billion dollars) provided an analog for this schedule with regard to confidence in the rationale and schedule uncertainties.

Early work (years 1 and 2): Within four months of the Notice to Proceed, Norfolk will assemble the project team for kick-off discussions and coordination. Conceptual design will be fully developed with input from stakeholders and Target Area communities.

The River Star Homes Program will begin engaging Target Area property owners in on-site stormwater retention projects, offering incentives for voluntary installation of rain gardens, rain barrels, and permeable paving on their lots with technical assistance from the Program.

It is assumed that the implementation of the City of Norfolk Project will result in significant social and environmental impacts and that the preparation of an EIS will be required. It is the intention of the City of Norfolk to lead the preparation of the Environmental Impact Statement (EIS) on behalf of HUD and will seek the participation of the U.S. Army Corps of Engineers, National Oceanographic and Atmospheric Administration-National Marine Fisheries Service, the U.S. Environmental Protection Agency, the Virginia Department of Environmental Quality and Virginia Marine Resources Commission as Cooperating Agencies in the development of the EIS.

Final design will be performed in accordance with the stipulations and mitigation measures developed during the EIS process. Final design documents will be coordinated with the permitting agencies prior to their implementation. The city will begin the process of acquiring necessary properties to move forward with initial construction phases and the community will continue to be engaged throughout the life of the project.

#### Years 3 and 4:

Coastal fortification elements will be constructed including roadway modifications, flood walls and berms. Living adaptive shorelines with breakwaters and marsh vegetation will be installed along the shoreline. The community of Chesterfield Heights will have improved access to the Elizabeth River. Pump Stations and tidal gates will be constructed; road improvements will also be completed.

In the Tidewater Gardens public housing complex (St. Paul's Area), residents whose homes are scheduled for demolition will begin relocation discussions; "smooth move" teams and client services will case manage these households to assure that all relocation options are evaluated. The demolition of 196 units in Tidewater Gardens will take place during this period; grading and shaping of the topography, cultivating surface flow connection from upland to the culvert lower in the watershed will also be performed.

Years 5 and 6: Completion of pump stations and flood walls, restoration of wildlife habitat continues. Connection will be enhanced between the shoreline communities to the downtown area via water and green spaces in the St. Paul's Area. A network of marshes will be created between the St. Paul's Area and Harbor Park in further restoring the historic alignment of Newton's Creek.

Improved Target Area conditions will now allow for private investment partnerships with the City in order to realize the full capacity of the City's transformation plan as it relates to replacing HUD housing beginning in the Tidewater Gardens area.

The Harbor Park sea wall and promenade will be completed. Open space improvement and stormwater retention features will be built around the new housing to be constructed in Grandy Village in the Ohio Creek Watershed, including swales, permeable paving, and rain gardens.

**All Norfolk HUD NDRC project work is expected to be completed within 72 months, by September 28, 2022.**