

City of Albany

This section presents the jurisdictional annex for the City of Albany for the 2024 Albany County Hazard Mitigation Plan (HMP). It includes information and guidance intended to assist public and private entities in reducing losses from future natural hazard events. This jurisdictional annex focuses on actions that can be implemented prior to a natural hazard event to reduce adverse impacts to people and property; it is not intended to serve as guidance for what to do when a natural hazard event occurs or how to recover following a natural hazard event. This jurisdictional annex provides an overview of the community and its critical facilities, evaluates the community's vulnerability to various natural hazards, assesses the community's existing capability to mitigate natural hazards, and identifies actions that could be implemented to mitigate natural hazard risks and, ultimately, reduce damages to people and property resulting from natural hazard events.

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1 CONTACT INFORMATION

The primary contacts for Albany County regarding this Jurisdictional Annex are identified as follows:

- Primary: Mayor
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2 COMMUNITY SNAPSHOT

2.1 Demographics

The 2020 Census estimated that 99,233 people live in the City of Albany. The City of Albany's population has increased by 1.4% since the 2010 Census (97,856). The median age in the City of Albany is 30.7 years, and 13.5% of the population is over the age of 65. The median household income in the City of Albany is \$48,512.

2.2 Location & Land Characteristics

The City of Albany is located on the northeastern border of Albany County, across the river from the City of Rensselaer. The City of Albany covers approximately 21.8 square miles. The properties within the City of Albany have a total assessed value of approximately \$12,988,612,835, which is distributed across a variety of property classes.

Major transportation corridors in the City of Albany include two interstate highways, I-87 and I-90. Both of the highways run along the border of the City, connecting it north to the Town of Guilderland and the Town of Colonie, and south to the Town of Bethlehem and Rensselaer County. U.S. Routes 20 and 9W, and State Routes 32 and 85 also run through the City. The key water feature within the City of Albany is the Hudson River.

2.3 Governing Body

A mayor and 15 council members govern the City of Albany.

2.4 Recent and Anticipated Future Development

According to a review of 239 Referrals since the last County HMP (2018), several new developments have been approved or proposed within the City. The proposals that the City received are summarized in Table 2-1 below. Some of the proposals for the City may be located in the 0.1% or 0.2% annual chance flood event area, but this was not specified in the proposal. Additionally, building permits that have been issued for the City between 2018 to 2022 are summarized in Table 2-2 below, based on data from the Capital District Regional Planning Commission (CDRPC). These developments may affect the City's vulnerability to the hazards identified in this HMP. For example, a project in Tivoli Park has affected flooding near the Patroon Creek.

Table 2-1. Developments from 2018 to 2023

Project Name	Project Location	Consideration	Date
161 Washington Ave Ext Unit 103 - Area Variance	161 Washington Ave Ext Unit 103	Area variance to allow for a 227 SF wall sign, where the maximum permitted is 32 SF.	9/21/2023
Ordinance 29.71.23	City of Albany	Amendment to Unified Sustainable Development Ordinance (USDO) to allow cannabis as a type of retail similar to bars rather than as a controlled substance.	9/21/2023
Ordinance 32.81.23	City of Albany	Amendment to Unified Sustainable Development Ordinance (USDO) requiring off-street parking during construction projects.	9/21/2023
400 Northern Boulevard - Area Variance	400 Northern Blvd	Area variance to allow 64 foot front yard setback where the maximum permitted is 10 feet and to allow four-story building where the maximum allowed is three-stories per the City Code.	9/21/2023
56-64 Broad Street	56-64 Broad Street	Multiple area variance to allow for front setback on four properties.	5/18/2023
80 New Scotland Ave - Area Variance	80 New Scotland Ave	Area variance to allow for a 98.54 SF wall sign where the maximum permitted is 32 SF.	5/18/2023
705 Broadway (82 Montgomery St) - Area Variance	705 Broadway (82 Montgomery St)	Area variance to allow signage over the maximum permitted square feet.	5/18/2023
Destination Nissan - Signage	788 Central Ave	Area variance to allow for multiple new signage for Destination Nissan.	5/18/2023
897 Broadway - Site Plan Review & Demolition Review	897 Broadway (Left attached building, adjacent to parking lot located at 913 Broadway.)	Site plan review and demolition of 897 Broadway structure (Former Don's Moving Warehouse) to make additional parking for adjacent building located at 897 Broadway.	5/18/2023
60 Broadway - Demolition Review	60 Broadway	Demolition of building located on 60 Broadway to propose additional parking area for Adirondacks Trailways.	5/18/2023

Project Name	Project Location	Consideration	Date
48 Corporate Circle - Site Plan Review	48 Corporate Circle & 41 Karner Road	Site plan review and development plan review for the construction of a +/- 93,000 sq.ft. warehouse building, including 190 parking spaces, and 24 loading docks.	5/18/2023
North Gate Landing	500 Northern Boulevard	Site plan review and development plan review for the construction of +/- 55,455 SF building, including 184 units, and 196 parking spaces. Additionally 10 accessible spaces and 5 EV charging station.	5/18/2023
The Rise Downtown	48 North Pearl Street	Site plan review and development plan review for the proposed expansion of an existing three story building, to include two additional stories. The additional two stories would include 20 dwelling units, office, retail or amenity space.	5/18/2023
161 Washington Ave Ext. - Wall Sign	161 Washington Ave Ext.	Area variance to allow for a 288 SF wall sign where the maximum permitted is 32 SF.	6/15/2023
883 Broadway - Phase 2 Renovation	883 Broadway	Site plan review for the conversion of 12,800± sq.ft. first floor to five (5) dwelling units. Floors 2 to 4 contain twenty-five (25) dwelling units.	7/20/2023
Modification to Existing Use Variance	60 Fourth Avenue	Amendment to the existing use variance to allow for Heavy Commercial Services that is less intensive use of the building than the original proposal.	7/20/2023
61 Dana Ave Garden Level Unit	61 Dana Avenue	Special use permit for the conversion of the 3,825± SF townhouse, increasing the total number of dwelling units from two (2) to three (3).	7/20/2023
89 Morris St. Garden Level Unit	89 Morris Street	Special use permit for the conversion of the 3,050 SF townhouse, increasing the total number of dwelling units from two (2) to three (3).	7/20/2023
32 Albany Street Demolition	32 Albany Street	Demolition of a 1,104± SF building and transfer to Habitat for Humanity Capital District for redevelopment, utilizing City of Albany ARPA funds.	7/20/2023

Project Name	Project Location	Consideration	Date
34 Albany Street Demolition	34 Albany Street	Demolition of a 2328± SF building and transfer to Habitat for Humanity Capital District for redevelopment, utilizing City of Albany ARPA funds.	7/20/2023
30 Albany Street Demolition	30 Albany Street	Demolition of a 11,056± SF building and transfer to Habitat for Humanity Capital District for redevelopment, utilizing City of Albany ARPA funds.	7/20/2023
Ordinance 12.32.23	City of Albany	Amendment of zoning ordinance to create maximum dimensional standards for Mixed-Use Neighborhood Center (MU-NC).	7/20/2023
Ordinance 18.52.23	City of Albany	Amendment of zoning ordinance to amend the zoning map of the City of Albany to change zoning of the property 27 Main Street from Mixed-Use Neighborhood Center to Light Industrial district.	7/20/2023
Renovation of 442 Madison Avenue Gas Station	442 Madison Avenue	Site plan review for the conversion of 1,550± square feet within the building at the premises from a vehicle servicing area to a retail, convenience use and the addition of seven (7) parking spaces.	7/20/2023
KIPP Capital Region High School	400 Northern Boulevard (Inc. 6B-10 Dudley Heights)	Site plan review and special use permit for the construction of a 108,400± SF School and demolition of adjacent structure at 6B-10 Dudley Heights.	7/20/2023
324 State Street Apartment Conversion	324 State Street	Site plan review and special use permit for the construction of a 40,740± SF building at the premises to a multi-unit dwelling with 29 dwelling units.	7/20/2023
38-42 Corporate Circle - Area Variance	38 - 42 Corporate Circle	Area variance for the construction of a storage and wholesale distribution facility with a 24 ft setback where a 150 ft setback is required.	1/19/2023
722 Western Ave - Area Variance	722 Western Ave	Area variance to construct a 6 foot tall fence within 10 feet of a driveway.	1/19/2023
Destination Kia	788 Central Ave (Rear 740 Central Ave)	Area variance for installation of new signage as part of corporate rebranding. A total of six variances are requested.	1/19/2023

Project Name	Project Location	Consideration	Date
Sunoco Sign	442 Madison Avenue	Area variance to alter the existing non-conforming pole sign whereas the pole signs are not a permitted use in the MU-NC district.	1/19/2023
215 South Pearl Street - Area Variance	215 South Pearl Street	Area variance to allow for a convenience store to be located within 1,000 feet of another convenience store.	2/16/2023
79 North Pearl Street - Area Variance	79 North Pearl Street	Area variance to allow for a 30 SF wall sign that covers 65% of the individual window area and approximately 19% of the total storefront window area.	2/16/2023
19-21 Erie Blvd - Area Variance	19-21 Erie Blvd	Area variance to allow for a 93.2 SF wall sign where the maximum permitted is 24 SF.	2/16/2023
180 Washington Ave Ext. - Area Variance	180 Washington Ave Ext.	Area variance to allow two freestanding signs where one is allowed per street frontage and to allow for a 25 SF freestanding sign where a maximum of 6 SF is allowed.	2/16/2023
51 Marshall Project	51 Marshall Street	Special use permit and conditional use permit for the conversion of the ±1,200 SF Dwelling Single-Unit Detached to a Dwelling Two-Unit Detached.	8/17/2023
Ordinance 11.32.23 (Amendment)	64,67,75,91,93,97 and 105 Colvin Avenue, 924 and 944 Central Avenue	Amendment of zoning ordinance proposing to rezone the parcels from Mixed-Use Community Urban (MU-CU) to Mixed-Use Neighborhood Center (MU-NC) and Mixed-Use Community Highway (MU-CH).	8/17/2023
Garden Level Unit	167 Myrtle Avenue	Special use permit and conditional use permit for the conversion of the ±1,121 SF townhouse increasing the total number of dwelling units from two to three.	8/17/2023
97 Central Avenue Residential Conversion	97 Centra Avenue	Site plan review and development plan review for conversion of the existing ±68,892 SF building to a multi-use building, including 47 dwelling units, ±14,500 SF of commercial space, and 22 parking spaces.	8/17/2023
56-64 Broad Street	56-64 Broad Street	Site plan review and development plan review for the construction of four townhouses including two floors and basement.	8/17/2023

Project Name	Project Location	Consideration	Date
Freedom Springs Apartments	64 Colvin Avenue	Site plan review and development plan review for construction of two (2) ±118,598 SF buildings, including 120 units of affordable housing, 4,423 SF of retail commercial space, and 118 parking spaces.	8/17/2023
South Albany Scattered Site Redevelopment Project	85-89, 129-133, 137-145, 151, 155 & 159 Broad Street; 134-138 & 145-147 Clinton Street; 10, 23, 33, 38, 44, 47 & 51-53 Second Avenue; 329 South Pearl Street; 1 & 4 Teunis Street; 29, 33-35, 36 & 49-57 Third Avenue	Site plan review and development plan review for the construction of two, three, and multi-unit dwelling structures totaling 98 dwelling units.	8/17/2023
44 Broadway - Area Variance	44 Broadway	Area variance to allow 159.11 SF wall sign where the maximum permitted is 24 SF.	4/20/2023
Ordinance 11.32.23	64, 65, 67 and 69 Colvin Ave	Rezoning of 64, 65, 67 and 69 Colvin Ave from Mixed Use Community Urban to Mixed Use Neighborhood Center.	4/20/2023
DASNY Cannabis Dispensary	997 Central Avenue	Site plan review, conditional use permit, and minor development plan review to allow a Control Substance Dispensary (Marijuana Dispensary) to occupy the +/- 2,777 SF store front at the site.	4/20/2023
Harmony Albany North	1361 Broadway	Site plan review and demolition review for the proposed demolition of three existing parking structures, totaling +/- 6,444 SF to accommodate the construction of a +/- 274,875 SF building, to include 220 dwelling units, 135 first floor parking spaces, and 97 surface parking spaces	4/20/2023
Orange St Redevelopment (Phase 2)	165,167,169,171,173,175,177,179,181,183,185 Orange St	Site plan review and lot modification for the construction of 11 infill dwellings, single unit on individual lots.	4/20/2023

Project Name	Project Location	Consideration	Date
1148 Western Avenue Laundromat Expansion	1148 Western Avenue	Site plan review for the construction of a 1,611± SF addition to the current structure, to accommodate the expansion of the existing laundromat and an addition of one (1) dwelling unit.	10/19/2023
New Scotland Spirits Tasting Room	352 State Street	Conditional use permit to allow for 606 SF of the existing building, located on the ground floor, to be used as a Bar or Tavern.	10/19/2023
1 Aspen Circle - Single-Unit Construction	1 Aspen Circle	Site plan review for construction of a 2,299± sq.ft. dwelling, Single-Unit Detached, after a proposed lot subdivision.	10/19/2023
Clinton Avenue Phase III Redevelopment Project	123, 124, 125, 126, 127, 128, 129, 130, 131, 132 & 133 Henry Johnson Blvd; 238, 240, 241, 242, 248 & 250 First St; 72, 180, 233, 325, 327, 331, 331, 333, 337 & 339 Clinton Ave	Site plan review and development plan review for the construction of a 42,903 SF mixed-use building to accommodate 38 dwelling units and 2,550 SF of general retail space at the corner of Henry Johnson Boulevard & First Street. Construction of six townhouses with 2 dwelling units in each along Henry Johnson Boulevard and at 241 First Street is also proposed. Demolition of an existing building at 180 Clinton Avenue and construction of 4 townhouses with 3 dwelling units each.	11/16/2023
Sweet Pilgrim Baptist Church Addition	4 and 8 Ten Broeck Street	Development plan review for the proposed construction a two-story, 2,930 SF addition to the Sweet Pilgrim Baptist Church.	12/21/2023
Chick-Fil-A	944 Central Avenue	Development plan review for the proposed quick serve restaurant and six area variance for signage.	12/21/2023
1379 Washington Avenue Conversion (The Pine Bush)	1379 Washington Ave	Site plan review for conversion of a +/- 54,995 square foot hotel to a 100-unit multi-family dwelling.	3/17/2022
Site Improvements - 20 Center Street	15 Champlain Street, Albany NY 12202 (20 Center St)	Site plan review for construction of a +/- 9,000 square foot structure for storage and wholesale distribution or a similarly permitted use.	3/17/2022

Project Name	Project Location	Consideration	Date
242 Spruce Street LLC	242 Spruce Street	Site plan review for rehabilitation and addition to an existing structure to accommodate 37 dwelling units and +/- 8,097 square feet of general retail or a similarly permitted use.	3/17/2022
Historic Redevelopment of The Warehouse at 19 Erie BOULEVARD	19-21 Erie Blvd., Albany, NY	Amendment to site plan approval received on December 7, 2021 for historic redevelopment project. 243,00 sq.ft. warehouse to be redeveloped into more than 27 market-rate apartment & more than 40,000 sq.ft. of commercial space. The renovated building will include amenities such as a gym, game-room, and business center. The applicant is requesting the site plan approval be revised to include 12 more apartments, and slightly less commercial space. No changes to the approved site plan are proposed.	3/17/2022
Lofts at Pine Hills	237 Western Ave. (177,179, 181, 183, 185, and 187 Quail St. , and 233, and 237 Western Ave. to be consolidated).	Site plan review and special use permit construction two mixed-use buildings dwellings having : a +/- 62,925 square foot building with 52 dwelling units and +/- 3,820 square feet of retail space, and a +/- 42,000 square foot building with 31 dwelling units +/- 2,370 square feet of retail space. Nine existing structures at the site will be demolished.	3/17/2022
Modification to the Use-Specific Standards for Sidewalk and Outdoor Cafes	City of Albany	Amendment of zoning ordinance to include an ordinance amending Chapter 375 (Unified Sustainable Development Ordinance) of the Code of City of Albany in relation to the regulation of sidewalk and outdoor cafes.	3/17/2022
Self Storage	97 Central Avenue	Special use permit for conversion of the +/- 30,550 square foot building at the site to be used as a self-storage facility.	4/22/2022
Fusion Recovery Albany	250 Washington Ave Ext. Corporate Plaza	Special use permit to occupy +/- 5,448 square foot within the building at the site to be used as a Controlled Substance Dispensary/Opioid Treatment Program (OTP).	4/22/2022
Green Mountain Electric Supply Addition	875 Broadway	Site plan review to add a 3,276+/- SF addition to accommodate loading docks and other improvements to a distribution warehouse building.	4/22/2022

Project Name	Project Location	Consideration	Date
Conversion of Residential Rental Property	159 First Street	Special use permit for conversion of a two dwelling units to a three dwelling unit, by adding a kitchen and a full bathroom to the second floor.	4/22/2022
Solar Array Installation	344 West Church Street	Site plan review for installation of approximately 6.3 acres of ground mounted solar panels in an area that was previously used to house bulk storage fuel tanks. Waiver of Development Standard §375-403(5) (a) Sidewalk Requirement is also requested.	4/22/2022
Single Family Housing	360 Sheridan Avenue	Site plan review for construction of 14'x48' Single-Family residence on a single lot.	4/22/2022
Hospitality House Addition	271 Central Avenue, 269 Central Ave, 98 N Lake Ave, 260 Sherman St	Site plan review and special use permit for construction of a +/- 21,324 square foot addition to the existing building at the site in accommodation of a group living and other uses. Demolition of the existing building on the site is also proposed.	4/22/2022
Accessory Parking Lot	48 Delaware Ave & 234 Myrtle Ave	Area variance to allow the proposed parking to be located 390+/- feet away from the residential development whereas the maximum distance allowed is 300 feet. The two vacant lots are proposed to be developed at 48 Delaware Ave with one-story building and 16 parking spots.	8/18/2022
1211 Western Avenue - Site Plan Amendment	1211 Western Avenue	Site plan amendment with modifications to prior approved site plan to alter disposal plan, and waterline connection, and the resulting changes to the National Grid installations. Originally the project was set to demolish existing 3-story office building and construct a 6-story 151,575 sq.ft. apartment building containing 136 units. The ACPB reviewed site plans for this project in 12/2017, 01/2018, 10/2018 and 01/2019	8/18/2022
42 Corporate Circle Warehouse	38 Corporate Circle	Site plan review for construction of a 75,000 GSF warehouse with seven(7) loading docks and parking for 75 cars.	8/18/2022

Project Name	Project Location	Consideration	Date
Lark Street Apartments	16-20 Morris Street; 353 Lark Street	Site plan review for Construction of a four-story, +/-37,260 square foot multi-unit structure with 40 dwelling units. A development plan review waiver request has been submitted to not provide on-site parking, when 32 spaces are required.	1/20/2022
Ziebart - Proposed Signage	1009 Central Avenue	Applicant requests three area variances to install three(3) internally illuminated signs, exceeding the maximum of one(1) allowed and for two of the signs to be 48 SF each, where the maximum allowed is 32 SF.	7/21/2022
Albany Medical Center - Proposed Signs	47 New Scotland Ave	Area variance to allow four(4) wall signs where one(1) is permitted, one of the sign measuring 92.6 SF where 32 SF is permitted and for a 10' tall freestanding monument sign where 8' is the maximum height allowed.	7/21/2022
329 North Pearl Street	329 North Pearl Street	Site plan review and special use permit to construct and operate a surface parking lot with 44 parking spaces.	2/17/2022
276 Central Avenue	276 Central Avenue	Three (3) Area Variances & Demolition Review for the removal of the Central Avenue façade of the subject property.	2/17/2022
1048 Central Avenue	1048 Central Avenue	Site plan review and special use permit for change of use of the subject property from indoor recreation or entertainment to a restaurant.	2/17/2022
244 State Street	244 State Street	Site plan review for conversion of a +/-44,916 square foot office building into 61 dwelling units and a +/-490 square foot cafe (restaurant).	2/17/2022
Legal Aid Society of Northeastern NY Parking Extension	69, 71, 73, 77, 79, 81, 83, 83.5, 85 Sherman Street	Site plan review and special use permit for consolidation of nine(9) parcels located along the northeast side of Sherman Street and construction of one continuous parking lot with two curb-cuts on Sherman Street for access. The proposed parking lot will serve the existing office building at 95 Central Avenue.	6/16/2022

Project Name	Project Location	Consideration	Date
Habitat for Humanity Capital District	182,184,186,188,190,192 Orange Street & 9 , 11 S. Swan Street, 143 Sheridan Ave	Site plan review to construct six new single family townhouses for owner occupancy. Three(3) four-bedroom and 1.5 bath homes and three(3) three-bedroom and 1.5 bath homes are proposed.	6/16/2022
148 Colonial	148 Colonial Ave	Site plan review to construct a single family home on a vacant lot. The proposed home is to be 1,783 SF with three (3) bedrooms, 2.5 bathrooms and two (2) car garages.	6/16/2022
97 & 101 Tampa Ave - Single-Family Home	97 & 101 Tampa Avenue	Site plan review to construct a single family home on each vacant lot.	6/16/2022
Roy's Caribbean Restaurant	185 Henry Johnson Blvd	Site plan review to remodel the existing restaurant, add a new addition to enlarge restaurant, and add banquet room and bar. The proposal also includes four (4) apartments on the second floor and will include driveways from Henry Johnson Boulevard and Third Street. The dwelling units are to be a mixture of one and two- bedroom units. The proposal also requires an area variance to meet the parking requirements as per the City of Albany USDO.	5/19/2022
897 Broadway - Site Plan Review & Demolition Review	897 Broadway	Demolition of 899 Broadway structure (Former Don's Moving Warehouse) to make additional parking for adjacent building located at 897 Broadway.	11/17/2022
Additions and Renovations to the Whitney M. Young Jr. Health Center	920 Lark Drive	Site plan review to build 1,516+/- addition and regrading of the portion of the existing site. The accessible spaces are to be upgraded and conform to ADA and NYSBC.	11/17/2022
943 Central Avenue - Area Variance	943 Central Ave	Multiple area variances for storefront signage.	11/17/2022
1383 Washington Ave - Area Variance	1383 Washington Ave	Area variance for signage installation.	11/17/2022

Project Name	Project Location	Consideration	Date
32 North Street - Site Plan Review & Demolition Review	23 & 27 Main Street, and 30 & 32 North Street	Consolidation of 30 & 32 North Street, 23 & 27 Main Street into a single lot to be known as No. 32 North Street, demolish No. 27 Main Street and new parking is proposed to support the activities at 32 North Street.	11/17/2022
67 Livingston Avenue - Site Plan Review	67 Livingston, 71 Livingston, 788 & 794 Broadway	Site plan review for construction of the +/- 10,445 SF, 6 story building, including 67 residential units, and +/- 2,105 square feet of retail use. Existing building at 67 Livingston Avenue to be demolished.	11/17/2022
80 State St - Area Variance	80 State St	Area variance to install a fourth wall sign along the South Pearl Street side of the building. A maximum of one wall sign is allowed per street frontage or shopfront.	10/20/2022
1 Sandidge Way - Area Variance	1 Sandidge Way	Area variance to allow for 2 freestanding signs, with one being 15.5 sq.ft and 6' tall and the second being 20 sq.ft and 8'8" tall. A max of 1 freestanding sign is allowed and cannot exceed 6 sq.ft and 5' in height. Applicant seeks a total of 5 area variances from the ZBA.	10/20/2022
303 Hudson Ave - Special Use Permit	303 Hudson Avenue	Special use permit for conversion of an existing townhouse from two dwelling units to three dwelling units.	9/15/2022
Delaware and Myrtle Site	48 Delaware Ave & 234 Myrtle Ave	Site plan review and special use permit for the development of two vacant properties with proposed 16 parking spots. Lots to be consolidated before completion of project.	9/15/2022
86 Hackett Blvd	86 Hackett Blvd.	Special use permit conversion of an existing Dwelling Single-Unit Detached to Dwelling Two-Unit Detached.	9/15/2022
869 Madison Avenue	869 Madison Avenue	Special use permit for the occupation of +/-2,000 SF of the ground floor as a bar or tavern.	9/16/2021
Ordinance 25.91.21	77, 79, 81, 83, 83.5, and 85 Sherman Street	Rezoning to allow the Legal Aid Society of Northeastern New York to construct adequate parking for its staff and low income clients at the Center for Civil Legal Services, 95 Central Avenue.	9/16/2021

Project Name	Project Location	Consideration	Date
Ordinance 11.61.20	N/A	Adoption/amendment of zoning ordinance to To allow parking lots as a principal use of land in the MU-CU zone district, subject to a Conditional Use Permit review and use-specific design standards. The legislation also corrects inconsistencies between the current off-site parking allowances and the permitted use table.	9/16/2021
44 First Street	44 First Street	Conditional use permit for conversion of a two-family townhouse to a three-family townhouse.	4/15/2021
336 Clinton Avenue	336 Clinton Avenue	Conditional use permit for conversion of a two-family townhouse to a three-family townhouse.	4/15/2021
7 Wilbur Street	7 Wilbur Street	Special use permit for conversion of a two-family townhouse to three-family townhouse.	8/19/2021
19 & 23 Hackett Boulevard	19 & 23 Hackett Boulevard	Area variance and special use permit/conditional use permit to permit the construction of a +/-2,166 square foot temporary trailer classroom with a front setback of 182 feet, to allow a trailer to be stored in a side yard, to allow a modification to the parking configuration that increases an existing parking nonconformity, and for the occupation of the trailer for a classroom.	8/19/2021
1415 Washington Avenue	1415 Washington Ave	Site plan review for demolition of a +/-66,237 square foot hotel and the construction of a +/-414,580 square foot student dormitory with 231 dwelling units and a parking garage with +/-207 automobile parking spaces. Area Variance to allow a 107-foot front setback where 10 feet is the maximum permitted.	10/21/2021
City of Albany USDO Updates	City of Albany	Re-submission of Referral #01-211103838 with a minor correction to retain the existing 5% affordable housing requirement that was mistakenly omitted from Referral #01-2111103838.	12/16/2021

Project Name	Project Location	Consideration	Date
Project #00424 - 1053 Broadway	1053 Broadway	Rehearing of Area Variance: 375-402(1)(c)(vii)(G)(4) - to allow for a front deck to extend into the right-of-way or any easement in a Mixed-Use, Form-Based zoning district. Area Variance: 375-402(2)(c)/Table 375-402.1 - to allow for construction of a front porch in a Mixed Use, Form-Based zoning district.	12/16/2021
514 Bradford Street	514 Bradford Street	Demolition review for a +/- 820 square foot detached accessory garage.	2/18/2021
425 North Pearl Street	425 North Pearl Street	Site plan review for conversion of +/- 78,071 square feet of an existing warehouse into +/- 82 dwelling units.	1/21/2021
191 North Pearl Street	191 North Pearl Street	Site plan review for construction of 28,000 SF four (4) story apartment building for market-rate, residential housing consisting of a total of 18 units including parking.	7/15/2021
Project #00424 - 380 Whitehall Road	380 Whitehall Road	Area variance for installation of 512 Linear Feet of 8-foot tall, chain link fencing; 332 feet of 8-foot tall vinyl fencing and; 438 Linear Feet of 8-foot tall metal, spaced picket fencing to increase security.	6/17/2021
Project #00424 - 1053 Broadway	1053 Broadway, Albany, NY 12204	Area variance to install a 133ft by 13 foot deck encroaching into the city right of way, where the prevailing regulation requires front porches not extend into the right-of-way or any easement.	6/17/2021
Project #00416 - 40 S. Manning	40 S. Manning Blvd	Area variance for installation of 58 linear feet of 6-foot; 100% opaque fencing.	6/17/2021
255-271 Clinton Avenue	243,245,251,255,257,261,263,235,267,269 Clinton Avenue	Site plan review to construct a parking lot with 38 spaces. Area Variance to allow 21 parking spaces at 255 Clinton Avenue, when the maximum permitted number of parking spaces is three (3).	6/17/2021
66 State Street	66 State Street	Site plan review for a major development plan convert +/- 21,357 square feet of office space into 27 dwelling units.	6/17/2021

Project Name	Project Location	Consideration	Date
Ordinance 18.61.21	N/A	Adoption/Amendment of zoning ordinance to continue the City of Albany's suspension of the green roof incentive program for another year.	6/17/2021
25 Delaware Avenue	25 Delaware Avenue	Site plan review for major development plan to construct a +/- 14,540 square foot multifamily dwelling consisting of 52 dwelling units and thirty parking spaces, and the renovation of an existing +/-5,532 square foot structure.	6/17/2021
91 Clinton Street	91 Clinton Avenue	Conditional use permit for occupation of +/- 1,300 square feet of the ground floor of 91 Clinton Street as a restaurant.	6/17/2021
832 Manning Boulevard	832 Manning Boulevard	Subdivision of 832 Manning Boulevard into 6 parcels and the construction of six +/-1,620 sq.ft single-family townhouse.	3/18/2021
Ordinance 46.122.20: Repeal and Reenactment of Chapter 375 w/new numbering.	City of Albany	An ordinance repealing Chapter 375 (Unified Sustainable Development Ordinance) of the code of the City of Albany and enacting a new Chapter 375 (Unified Sustainable Development Ordinance) with new numbering.	3/18/2021
39 Columbia Street	39 Columbia Street	Conditional use permit for occupation of +/- 6,385 square feet of the subject property as a school.	5/20/2021
67 Livingston Avenue	788 & 794 Broadway ; 67 & 71 Livingston Avenue	Site plan review and demolition review for construction of a +/- 6-story mixed-use building with 70 apartments and +/-2,150 square feet of retail space.	5/20/2021
42 & 47 Besch Avenue	39, 42 & 47 Besch Avenue	Site plan review for construction of a 4-story, +/-60,000 square foot multi-family dwelling with 39 dwelling units and +/-36 parking spaces.	5/20/2021
204 Washington Avenue	204 Washington Avenue	Conditional use permit for occupation of +/- 1,613 square feet of the subject property as a hookah lounge (Bar or Tavern).	5/20/2021
11 Spring Street	166 Washington Avenue (To Become 11 Spring Street)	Site plan review for construction of a five-story, +/- 14,095 square foot multi-family dwelling with 19 dwelling units.	5/20/2021

Project Name	Project Location	Consideration	Date
289 Hudson Avenue	289 Hudson Avenue	Special use permit for conversion of +/-3,700 square feet of office space into two dwelling units.	11/18/2021
17-25 Erie Boulevard	17,19, 21,25 Erie Boulevard	Site plan review for conversion of an existing +/-243,000 square foot warehouse to 261 apartments and expansion of an existing surface parking lot of +/-218 spaces.	11/18/2021
City of Albany USDO Evaluation - Ordinance 5.32.21	Entirety of the City of Albany	Adoption/Amendment of zoning ordinance to propose repealing and replacement of the Unified Sustainable Development Ordinance ("USDO") adopted by the City of Albany Common Council on May 15, 2017.	11/18/2021
Zoning Ordinance to amend the Unified Sustainable Development Ordinance (USDO)	n/a	Adoption of USDO Amendment for blood plasma donation centers.	4/16/2020
161 Washington Ave. Ext. Suite. 204A	161 Washington Ave. Ext Suite 204A	Area variance for proposed 84.84 SF wall sign which exceeds the 32 SF maximum allowance.	4/16/2020
244 State Street	244 State Street	Site plan review for conversion of Conversion of a +/-44,916 square foot office building into 61 dwelling units and a +/-538 square foot café (restaurant).	8/20/2020
11 Anderson Drive	11 Andreson Drive	Site plan review for retroactive approval for the removal of +/- 0.74 acres of trees and vegetation and non-retroactive approval for the installation of +/-0.74 acres of outdoor heavy vehicle storage area	8/20/2020
17 New Scotland Ave.	17 New Scotland Ave.	A conditional use permit to enable the use of a 8,722 SF indoor commercial space as a fitness gym.	2/25/2020
745 Broadway	745 Broadway	An area variance to allow a larger setback than zoning rear setback requirements.	1/16/2020
62 Dana Ave.	62 Dana Avenue	Conversion of a two-family townhouse to a three-family townhouse.	7/16/2020

Project Name	Project Location	Consideration	Date
180 Sheridan	180 Sheridan Ave.	Amendment to the Zoning Map to change the classification of the parcel from Townhouse to Mixed-Use, Community Urban.	7/16/2020
ZTA 0012	n/a	Amendment to the Unified Sustainable Development Ordinance (USDO) to change parking lots from an accessory to a conditional use in the MU-CU district, along with the addition of corresponding use-specific standards.	7/16/2020
165 Washington Ave. Ext.	165 Washington Ave. Ext.	An area variance to allow a 100 SF wall sign where a 32 SF wall sign is allowed	6/18/2020
Stewart's Shop 538 Central Ave.	536 Central Ave.	An area variance to allow construction of a 784 SF expansion that would create transparency threshold below the zoning minimum	6/18/2020
1020 Madison Ave.	1020 Madison Ave.	An area variance to allow a second 7' sign where only one is allowed	6/18/2020
236 Clinton Ave. & 255 Orange St.	220 & 236 Clinton Avenue; 255 & 281 Orange Street	Construction of a three (3)-story, 54,428 SF mixed-use structure with 31 residential dwelling units, 4,176 square feet of office space, and 4,697 square feet of retail space	6/18/2020
745 Broadway	745 Broadway	A site plan review that includes the removal of 67 existing automobile parking spaces and the construction of 100,983 SF, six-story structure with 82 dwelling units and two commercial units totaling 7,000 SF.	4/2/2020
883 Broadway	883 Broadway	A sit plan review that includes the conversion of a 40,000 SF office building into 25 residential dwelling units and 8,000 SF of Commercial Space.	4/2/2020
900 Central Ave.	900 Central Ave.	A site plan review to enable the change of use of 11,00 SF of retail space to light manufacturing (blood plasma center).	4/2/2020
619-621 North Pearl St.	619-621 North Pearl St.	A conditional use permit for the occupation of a 1,700 SF restaurant/catering business.	4/2/2020
319 Ontario	319 Ontario St.	A conditional use permit to enable the occupation of a 769 SF space as a restaurant.	4/2/2020

Project Name	Project Location	Consideration	Date
25 Holland Ave.	25 Holland Ave.	A site plan review for the construction of a 4-Story, 67,132 SF multifamily structure with 60 dwelling units.	4/2/2020
52 Emmet Street	52 Emmet Street	Demolition review of a 1,980 SF detached townhouse.	5/21/2020
294A & 298 Colonie Street	294A & 298 Colonie Street	Demolition review of three accessory structures totaling 2,000 SF.	5/21/2020
354 Second Street	354 Second Street	Demolition review of a 1,980 SF detached two-family dwelling.	5/21/2020
163 Clinton Ave.	163 Clinton Ave.	A conditional use permit to enable the conversion of a 15,650 SF religious institution into a multi-family dwelling with 13 units.	5/21/2020
61 & 63 Shaker Road	61 & 63 Shaker Road	Demolition of a 54,110 SF hospital building and pedestrian bridge.	11/19/2020
City of Albany Ordinance 17.91.20	N/A	Adoption of Ordinance Number 17.91.20 - an ordinance to amend Section 375-5 of Chapter 375 of the Unified Sustainable Development Ordinance (USDO) of the Code of the City of Albany	10/15/2020
292 State St.	292 State St.	Conditional use permit to enable the conversion of a one-family townhouse to a two-family townhouse	10/15/2020
176 Sheridan Avenue	176 Sheridan Ave.	Site plan review to enable the conversion of a residential structure to an office	10/15/2020
Demolition Review - 1020 Madison Ave		Renovations to existing building including demolition of garage and small addition. Building will be converted from a dormitory to a mixed use of living/learning space for a woman's leadership program with housing for 7 students above.	2/25/2019
Capital Repertory Theatre-Retrofit Project		Occupy the 28,200 s.f. structure as a Stadium/Arena with seating for a total of 410 spectators. Also proposed is the installation of three (3) LED sign displays that exceed the standards of Section 375-4(1)(Signs).	2/25/2019

Project Name	Project Location	Consideration	Date
The Reserve at Park South 2		Construction of a four (4) story, 45,200 s.f. multi family dwelling with 36 dwelling units, three existing structures at the site totaling 8,640 s.f. will be demolished.	2/25/2019
39 Columbia Street		Conversion of a 60,000 square feet of office space into 46 dwelling units.	2/25/2019
240 & 242 Second Street		Construction of two 2,500 s.f. townhouse dwellings.	2/25/2019
543 North Pearl Street		Construction of a (3) three story 21,925 s.f. multi family dwelling with 20 units. An existing 21,825 s.f. at the site will be demolished.	2/25/2019
1211 Western Avenue	1211 Western Avenue	Demolish existing 3-story building and construct a 6-story / 3 story apartment building containing 136 units and a fitness center. There will be two levels of internal parking with 154 parking stalls. The building will operate 24 hours a day and 7 days a week.	1/17/2019
89 (AKA 95) Central Avenue	89 (AKA 95) Central Avenue	Area Variance-from the maximum wall sign of 24 s.f. to a 35 s.f. wall sign.	3/21/2019
950, 960, 964 Central Avenue	950, 960, 964 Central Avenue	Area Variance to allow for a 136 foot front setback, where the maximum permitted front setback is 100 feet.	3/21/2019
288 Orange Street	288 Orange Street	Area Variance to allow for a (6) foot side setback, where the maximum permitted site setback is 3.5 feet.	3/21/2019
301 Orange Street	301 Orange Street	Area Variance to allow for a (6) foot side setback, where the maximum permitted site setback is 3.5 feet.	3/21/2019
60 Academy Road	60 Academy Road	District Plan Amendment-Amendment to a previously approved district plan involving construction of a 12,910 s.f. community residential facility and demolition of an existing 8,750 s.f. structure.	3/21/2019

Project Name	Project Location	Consideration	Date
423 & 427 Washington Avenue	423 & 427 Washington Avenue	Site Plan Review-Demolition Review-Construction of a 16,900 s.f. multi family dwelling with 16 dwelling units. An existing 2,025 s.f. residential structure will be demolished.	3/21/2019
241 Orange Street	241 Orange Street	Demolition of an existing 2,700 SF structure	9/19/2019
350 Second Street	350 Second Street	Demolition of an existing 1,996 SF structure	9/19/2019
319 Sherman Street	319 Sherman Street	Demolition of an existing 575 SF structure	9/19/2019
705 Broadway	705 Broadway	Construction of a 6 story mixed use structure with 129 residential units and +/- 14,352 SF of retail space and construction of an 8 story, +/- 106,352 SF hotel with 132 rooms	4/18/2019
950,960,964 Central Avenue	950,960,964 Central Avenue	Construction of a single story, +/- 53,267 SF structure for an automobile dealership	4/18/2019
9 View Avenue	9 View Albany	Conversion of a 1,710 SF single-family detached dwelling to a two-family detached dwelling	4/18/2019
23 Dove St. Sign Variance	23 Dove St	Area Variance sought for at 23 Dove Street to allow for the installation of a 6 square foot projecting sign, when projecting signs are not permitted with the R-T district	8/15/2019
186 First St	186 First St	Demolition review of a 2,562 SF residential structure.	12/18/2019
111 Third Ave.	111 Third Ave.	Demolition review of a 1,160 SF residential structure.	12/18/2019
69 South Lake Ave.	69 South Lake Ave.	Conversion of a +- 2,169 SF single-family townhouse to a two-family townhouse.	7/18/2019
219 Orange St.	219 Orange District	Demolition of a +- 1468 SF residential structure	7/18/2019
152 Washington Ave.	152 Washington Ave.	Conversion of an existing office building into 35 residential dwelling units and the construction of a one-story, +- 3,489 SF addition	7/18/2019
222 South Pearl St.	222 South Pearl St.	An area variance to allow for the installation of vehicle fueling pumps in front of the existing building. Conditional Use Permit to allow for the occupation of a +/- 10,890 SF property as a vehicle fueling station.	7/18/2019

Project Name	Project Location	Consideration	Date
1 Homestead Street	1 Homestead Street	Two area variances: an area variance to exceed maximum parking spaces, and another to exceed maximum permitted front setback	7/18/2019
237 Western Avenue	237 Western Avenue	Major Development Plan Review/ Conditional Use Permit/ Demolition Review - Construction of a five (5)-story, +/-117,160 square foot structure with 97 dwelling units and 5,639 square feet of commercial space. Multiple existing structures at the site totaling +/-26,000 square feet will be demolished.	6/20/2019
123 Morris St. & 12 New Scotland Ave.	123 Morris St. & 12 New Scotland Ave.	Removal of 18 existing automobile parking spaces and the construction of 9 new automobile parking spaces.	6/20/2019
572 Park Ave.	572 Park Ave.	Area Variance to allow for the installation of a porch and steps.	6/20/2019
133 Kenosha Street	78 Main St	Area Variance to allow for the installation of 21 feet of six-foot fencing that is more than 60% opaque in the front yard, when the maximum permitted height for fences in front yards is four feet and the maximum permitted opacity is 60%.	6/20/2019
31 New Karner Road / Stewarts	31 New Karner Road	Area Variance to allow for a 166-foot front setback, where the maximum permitted front setback is 50 feet, for the installation of a 79 SF freestanding sign. Construction of a vehicle fueling station, car wash and +/- 5,290 square foot convenience retail establishment.	6/20/2019
222 South Pearl St.	222 South Pearl St.	An area variance to allow for the installation of vehicle fueling pumps in front of the existing building. Conditional Use Permit to allow for the occupation of a +/- 10,890 SF property as a vehicle fueling station.	6/20/2019
152 Washington Ave.	152 Washington Ave.	Site plan amendment review to change previous approved plan for 35 residential units and a 1-story 3489 SF addition to 34 residential units, an office unit, and a 1-story 3489 SF addition.	11/21/2019

Project Name	Project Location	Consideration	Date
17 New Scotland Avenue	17 New Scotland Ave.	Request for a Conditional Use Permit to use a 6,542 SF building as an recreation / entertainment gym	10/24/2019
140 Hamilton Street	140 Hamilton Street	Request for a Conditional Use Permit to occupy 871 SF of the ground floor of a building for artisan manufacturing	10/24/2019
1061 New Scotland Road	1061 New Scotland	Demolition of four interconnected structures used for a school and garage, totaling 77,700 SF	10/24/2019
303 Sheridan Avenue	303 Sheridan Avenue	Demolition of an existing 1400 SF structure	5/13/2019
86 Dana Ave	74,76,78,82,84,86 Dana Ave.	Area Variance to allow for a 10-foot rear setback on the 86 Dana Ave. parcel only. The minimum rear setback in an R-M district is 15 feet.	5/13/2019
440A & 442A North Pearl St.	440A & 442A North Pearl St.	Special use permit for operation of a dispatch service. The applicant will use the existing parking lot for bus parking and the existing building for minor vehicle repair work.	9/20/2018
Steuben Athletic Club	1 Steuben Place	Site plan to convert an 81,800 sq. ft. commercial building into a mixed-use building with 59 apartment units and 12,800 sq. ft. of commercial/retail space.	9/20/2018
Kenmore Hotel	76 North Pearl St.	Site plan to convert an existing office/retail building into a mixed-use, retail/residential building with 63 residential units and 17,500 sq. ft. of retail space.	9/20/2018
1211 Western Ave.	1211 Western Ave.	Construction of a six-story, 136-unit multifamily dwelling. An existing +/-12,036 sq. ft. commercial structure at the site will be demolished. *ACPB reviewed site plans for this project in 12/2017 and 01/2018.	10/18/2018
James D. Linnan Appeal	122 Jefferson St.	Administrative appeal of the September 4, 2018 determination by the City of Albany Zoning Board of Appeals that a parking lot at 122 Jefferson St. is a not a legally non-conforming use.	11/15/2018
446 Elk St. Demolition Review	446 Elk St.	Demolition of a vacant 1,600 sq. ft. building due to structural deficiencies.	11/15/2018

Project Name	Project Location	Consideration	Date
281 Sheridan Ave. Demolition Review	281 Sheridan Ave.	Demolition of a vacant 2,178 sq. ft. building due to structural deficiencies.	11/15/2018
Lionheart Pub Conditional Use Permit	448 Madison Ave.	Request for a conditional use permit for use of a 1,250-sq. ft. floor area within the structure for the purpose of Artisan Manufacturing, and to expand an existing conditional use (Bar/Tavern) occupying approximately 2,250-sq. ft. of floor area by an additional 1,150-sq. ft.	11/15/2018
McLaughlin Funeral Home	1226 Broadway	Conditional use permit to convert a former post office into a funeral home.	5/14/2018
Cellco Partnership d/b/a Verizon Wireless	151 Henry Johnson Blvd.	Area variance to allow the installation of a personal wireless facility on a rooftop that is not compliant with the code's requirements for color and texture, and does not include an enclosed support structure.	5/14/2018
Case of Red Kap Sales	339-341 Southern Boulevard	Construction of a +/- 3,600 sq. ft. convenient store with a Dunkin' Donuts (and drive-through) and a +/- 650 sq. ft. single vehicle car wash. An existing structure at the site will be demolished. The existing gas canopy will remain.	3/15/2018
Kasselmann Electric/ 881 South Pearl St.	13 Binghamton St.	Site plan review for a 7,155 sq. ft. office building with an attached 25,000 sq. ft. warehouse. An additional 25,000 sq. ft. warehouse will be constructed during a later phase. At full build-out, the site will include 111 surface parking spaces, including 6 handicap spaces.	6/21/2018
Clinton Ave. Community Residence	102-124 Clinton Ave. (proposed address: 104 Clinton Ave.)	Site plan review for a three-story, 25,193 sq. ft. multi-family apartment building owned by Rehabilitation Support Services, Inc. Off-street parking will be provided for 6 cars, including 1 handicapped space. A lot consolidation will be required to merge the parcels on Clinton Ave. into a single lot to be known as 104 Clinton Ave.	6/21/2018

Project Name	Project Location	Consideration	Date
43 First Street Conditional Use Permit	43 First St.	Conditional use permit to convert a two-family residential dwelling to a three-family residential dwelling. The basement will be converted into an apartment.	6/21/2018
Castle Island Bilingual Montessori	160 Central Ave.	Conditional use permit for Castle Island Bilingual Montessori to operate as an independent, private school for children ages 3 to 12 at 160 Central Ave.	6/21/2018
1475 Washington Ave. Associates, LLC	1475 Washington Ave.	Area variance to allow a projecting sign greater than 32 sq. ft.	7/19/2018
222 S. Pearl Street (Ahsan Farooq)	222 S. Pearl St.	Construction of a +/- 401 sq. ft. addition to the existing structure for installation of 3 gas/diesel pumps resulting in 6 new fueling spots. Façade and sidewalk improvements include moving the curb cut on S. Ferry forward toward S. Pearl to facilitate access to pumps.	1/25/2018
Capital Communications Federal Credit Union (CapCom Signage)	899 Western Ave, next to Campus Access Rd in front of State Records Center and across from Daytona Ave.	Install free-standing sign (monument sign)	1/25/2018
Amendment to USDO §375-5(E)(24)	City of Albany	Amendment to the USDO §375-5(E)(24) to divide the existing use classification "Controlled Substance Dispensary" into two new use classifications, "Marijuana Dispensary" and "Methadone Dispensary," and provide additional Use Specific Standards for Methadone Dispensaries.	8/16/2018
Matthew and Holly Wendt Fence Variance	12 Aspen Circle	Variance to install a 6 ft. fence with frontage along the northern and eastern sides of a single-family residential parcel.	8/16/2018
185-189 Elm Street	185-189 Elm Street	Construction of three, 3-story townhouses with nine residential units. 183 and 185 Elm St. will be combined and lot lines will be adjusted between 185, 187, and 189 Elm St. The project will include construction of new sidewalks and utility connections.	8/16/2018

Project Name	Project Location	Consideration	Date
The Knick Apartments	16 Sheridan Avenue	Conversion of a former commercial building into a mixed-use building with 133 apartments and +/- 5,500 sq. ft. of retail/commercial space. An additional story totaling +/- 10,333 sq. ft. containing nine residential units and a rooftop deck will also be constructed.	8/16/2018
105 Morris Street	105 Morris Ave.	Construction of a five-story, +/-38,240 sq. ft. multi-family dwelling. An existing +/-9,590 sq. ft. structure at the site will be demolished.	8/16/2018
Case of Kipp Tech Valley Charter School	400 Northern Blvd.	Expansion of an existing school involving the construction of a two-story, +/- 7,600 sq. ft. addition to the existing structure, a 55-space parking expansion, addition of a bus drop-off lane, and a new playground area. Four existing residential structures are proposed to be demolished.	4/19/2018
Vision Planning Consultants	15 Wood Terrace	Request for area variances related to the construction of a single-family dwelling in the R-1L (single-family, low-density) zone to replace a former home that was demolished. The applicant is requesting the following variances: 1. A lot area of +/- 5,750, where the required minimum lot area is 6,500 sq. ft. 2. The lot width is 50 ft., where the required minimum is 55 ft. 3. A lot coverage of 31%, where the required minimum is 30%. 4. The proposed development has a +/- 18' driveway in the front setback area, which is 36% of the lot width. Parking spaces for any single- or two-family structures shall not be provided in the front setback area of any area forward of the front wall plane of the structure unless they are located on a paved area that does not exceed 35% of the lot width or the width of any paved parking area that exists on June 1, 2017.	4/19/2018

Table 2-2. Building Permit Issuance (2018 to 2022)

Year	Building Type	Units
2018	1	6
2019	1	7
2019	2	4
2020	1	4
2020	2	8
2021	1	8
2021	2	4
2022	1	7
2022	2	6
Total:		54

Data Source: Capital District Regional Planning Commission (<https://cdrpc.org/data/housing>)

3 CAPABILITIES ASSESSMENT

3.1 Planning Mechanisms and Capabilities

The City of Albany identified the following planning mechanisms and capabilities that can support the City in hazard mitigation efforts. These capabilities can be used to support the mitigation strategy in several ways. For example, administrative capabilities can assist in implementing the mitigation actions as identified in the mitigation strategy. Existing building codes and land use regulations provide a foundation for mitigation planning and provide guidelines for infrastructure repair, new developments, and other actions. Educational programs may be developed further in order to more fully incorporate hazard mitigation. Table 3-1 elaborates on existing building codes, land use and development ordinances/regulations, and many other capabilities which can support hazard mitigation.

Table 3-1. Planning Mechanisms & Capabilities

Planning Mechanism	In Place? (Yes/No)	Notes (Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Administration		
Maintenance Programs	Yes	Combined sewers- Sewer Maintenance Program, DGS, Forestry, Water Dept Sewer, National Grid
Mitigation Planning Committee	No	
Mutual Aid or Shared Services Agreements	Yes	Albany Fire and Police Departments, Albany County, State Office of Emergency Management
Planning Board	Yes	
Zoning Board	Yes	
Other		CEDAR program participant
Development Approvals		

Planning Mechanism	In Place? (Yes/No)	Notes (Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Building Code	Yes	2020 NYS Building Code
Fire Department ISO Rating	Yes	Class 3
Site Plan Review Requirements	Yes	Zoning/Planning
Other		
Funding Resources		
Authority to Levy Taxes	Yes	
Capital Improvement Project Funds	Yes	City of Albany Capital Improvement Plan, Ability to fund Water and Sewer through Albany Municipal Water Finance Authority
Federal Funding Programs (i.e., USDA, FEMA, others)	Yes	Grants.gov, additional programs
General Obligation Bonds and/or Special Tax Bonds	Yes	Can finance own borrowing through Common Council, Albany Municipal Water Finance Authority can also borrow funds
Impact Fees for New Development	No	
State Funding Programs (i.e., NYSEFC, NYSOGR, NYSDEC, others)	Yes	LWRP Bike trails, zoning ordinances, NYS CSC program, additional programs (including climate-related projects)
Utility Fees (i.e., water, sewer, stormwater, gas, electric)	Yes	Albany Water Board sets rates for water and sewer use (metered)
Other		
Land Use Regulations		
Density Controls	Yes	
Flood Insurance Rate Maps	Yes	
NFIP Participant / Floodplain Ordinance	Yes	See "Floodplain Administrator" row below (under "Staff Positions")
Hillside Development Regulations	Yes	Along Normans Kill Creek
Open Space Preservation	Yes	
Stormwater Management Regulations	Yes	MS4 Permit; Signatory on Intermunicipal Agreement for Storm Water Management
Streambank Setback Regulations	No	
Subdivision Regulations	Yes	

		Notes
Planning Mechanism	In Place? (Yes/No)	(Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Zoning Ordinance	Yes	
Other	Yes	Overlay Districts including Floodplain Overlay and Historic Resources Overlay (Section 375-206 of code). Community Choice Aggregation in City code (Chapter 153) but no active CCA.
Natural Resources		
Forest/Vegetation Management	Yes	See Urban Forestry row below
Stream Corridor Management	No	
Stream Dumping Regulations	No	
Urban Forestry and Landscape Management	Yes	Community Forestry Maintenance Plan, Heat Oasis Remediation Plan, Low Income Tree Replacement Plan. DGS has a forestry division that manages and implements Urban Forestry Plan, including managing ash trees.
Watershed Management	Yes	Water Department manages reservoirs, including forestry and water quality management. Also has dam safety programs and inundation mapping for downstream hazards.
Wetland Regulations	Yes	Chapter 203: Freshwater Wetlands
Other	Yes	Chapter 181: Environmental Quality Review
Plans		
Capital Improvement Plan	Yes	Albany Water Board has 5-year capital plans (for combined sewer system and water supply system) are reviewed annually and include watershed mitigation projects.
Comprehensive Emergency Management Plan	Yes	Severe weather, natural disasters, drought
Comprehensive Plan	Yes	Albany 2030 Comprehensive Plan
Continuity of Operations Plan	Yes	ADP
Economic Development Plan	Yes	IDA has a 2007 plan, downtown development plan from 2015. 2030 Comprehensive Plan has economic development components. Covid recovery task force had plan that drove funding.

Planning Mechanism	In Place? (Yes/No)	Notes (Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Other	Yes	Emergency Action Plans for Dams Coastal zone management: See LWRP, 1991 Climate Action Plan from 2012 (currently starting process of updating it) Bicycle and Pedestrian Master Plan Historic Preservation Plan
Programs/Organizations		
Climate Smart Community	Yes	Bronze
Local Emergency Preparedness/Disaster Response Organizations	Yes	Collaborative Emergency Action Plan with neighboring fire departments & NYS Office of Fire Prevention and Control
Local Environmental Protection Organizations	Yes	Numerous, including neighborhood groups, SAC PAUSE, Save the Pine Bush, Sierra Club, Audubon Society
National Weather Service StormReady Certification	No	Albany County is StormReady certified. City Emergency Management collaborates with County
Outreach Programs	Yes	Albany Police and Fire Departments, flood mitigation
Partnerships with private entities addressing mitigation or disaster response	Yes	
School Programs or Adult Educational Programs	Yes	
Other		Local Waterfront Revitalization Program, Hudson River Flood Resilience Network
Staff Positions		
Civil Engineer	Yes	City Engineer
Code Enforcement Officer	Yes	Director of Buildings & Regulatory Compliance
Emergency Manager	Yes	Fire Chief
Floodplain Administrator	Yes	Director of Buildings & Regulatory Compliance
Planner/GIS Coordinator	Yes	Several Planners, IT department is the GIS coordinator
Other		Director of Sustainability City Arborist

Planning Mechanism	In Place? (Yes/No)	Notes (Does the plan address hazards? Can the capability be used to implement mitigation actions? When was it last updated?)
Technical Abilities		
Grant Writing	Yes	
Hazard Information Centers	No	
Hazard Warning Systems	Yes	Use IPAWS through Albany County
Other		

The City's HMP update will be incorporated into and referenced by future updates of the plans, policies, ordinances, programs, studies, and reports listed in Table 3-1. In particular, the City should review Table 3-1 when completing updates to the Comprehensive Plan and amendments to the Zoning Code. As part of this review, the City may strategize opportunities for building the hazard mitigation mechanisms and capabilities currently marked "No" in the table (where feasible) by designating lead agencies in charge of closing such gaps, connecting with partners and technical support resources, establishing a timeline and next steps, estimating costs, and applying for grant funding when necessary. In an update to the Comprehensive Plan, this process may result in the development and inclusion of detailed proposed action items and implementation frameworks that address gaps in hazard mitigation mechanisms and capabilities. In an amendment to the Zoning Code, this process may result in the modification of existing laws or the drafting and adoption of new laws to address gaps in hazard mitigation mechanisms and capabilities.

Furthermore, the City would like to expand and improve the capabilities listed in Table 3-1 in the following ways:

- o Better coordination between ordinances and various local, county, state, and federal agencies

Additional strategies to expand and improve hazard mitigation capabilities are detailed in Section 10 of the main body of the HMP.

3.2 Integration of Planning Efforts

The City of Albany understands the importance of considering an integrated approach when developing municipal plans, policies, programs, and regulations. The City intends to reference the 2024 Albany County HMP as part of the process for future updates to the plans, policies, programs, and regulations listed in Table 3-1, above, and for creating new regulations as applicable. This may include adding hazard mitigation as an agenda item at Albany Common Council meetings where local laws are being developed or updated, including hazard mitigation considerations in any templates

used to make new laws, adopting an ordinance that all new local laws need to consider hazard mitigation if applicable, or simply making local officials aware of the need to consider hazard mitigation in any plan updates. Additionally, the City will pursue a Climate Action Plan with many stakeholders and groups. Furthermore, the City of Albany may use the local laws assessment (included in Section 4 of the main body of the HMP) to reference hazard mitigation related regulations that other jurisdictions in the County have adopted, and consider implementing similar regulations if desired. All of these actions will help expand and improve upon these existing capabilities so that they reduce risk and better support hazard mitigation.

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4 HAZARD IDENTIFICATION AND RISK ASSESSMENT

4.1 Profiled Hazards

In this HMP Update, the County reviewed multiple natural hazards, and determined to profile five natural hazards: flooding, severe storm, drought, extreme temperatures, and landslide. Descriptions of each of these hazards are included in Section 6 of the main body of the HMP.

The City of Albany has chosen to profile the same hazards as the County. No hazards were omitted and there were no additional hazards identified as unique and specific to the City of Albany.

The hazard analysis criteria used to evaluate the City's vulnerability to each natural hazard are summarized in Table 4-1, and the results are presented in Table 4-2. All rankings were completed subjectively, with the guidelines detailed in Table 4-1.

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Table 4-1. Hazard Analysis Criteria

Score	Impact (Damage to property, crops, people)	Frequency*	Extent	Level of Preparedness	Total Score	Overall Vulnerability
1	Minor	Rare	One or two problem areas within the jurisdiction	Well Prepared	4 to 5	Low
2	Moderate	Infrequent	A significant portion of the jurisdiction	Moderately Prepared	6 to 8	Moderate
3	Major	Regular	The entire jurisdiction	Not Prepared	9 to 12	High

*Frequency is defined roughly as follows:

- Rare – Every 15 years or less
- Infrequent: Less than once a year but greater than once every 15 years
- Regular: Approximately yearly or multiple times a year

Table 4-2. Hazard Vulnerability by Event

Hazard Event	Impact (Damage to property, crops, people, etc.)	Frequency of Occurrence	Extent of Impacts	Level of Preparedness	Overall Vulnerability	Jurisdiction Rank	Notes (Anticipated Future Changes)
Flooding (Riverine, Coastal*, Urban, Flash, Ice Jam, Dam or Levee Break, Other)	2	3	1	2	8 – Moderate	3	Climate change impacts
Drought	1	2	1	2	6 – Moderate	4	Climate change impacts

Hazard Event	Impact (Damage to property, crops, people, etc.)	Frequency of Occurrence	Extent of Impacts	Level of Preparedness	Overall Vulnerability	Jurisdiction Rank	Notes (Anticipated Future Changes)
Severe Storm (Hail, Ice Storms, Wind, Thunderstorms and Lightning, Winter Storms, Hurricane, Tropical Storms, Tornado, Power Outage)	2	3	2	2	9 – High	1	Climate change impacts
Extreme Temperatures (Cold Wave, Heat Wave, Air Pollution Effects)	1	3	3	2	9 – High	2	Climate change impacts
Landslide	1	1	1	2	5 – Low	5	Climate change impacts

*Coastal Flooding includes impacts from sea level rise.

4.2 Hazard Event History

A complete history of natural hazard events within the County – based on NOAA's Severe Storm Database – is included in Section 6 of the main body of the HMP. The following is a subset of events that occurred specifically within the City. These records informed the development of mitigation actions by demonstrating which hazards have historically had the greatest impact on the City.

Table 4-3. Hazard Event Records, 2018-2023

Event Type	Date	Magnitude	Estimated Property Damage	Estimated Crop Damage
Thunderstorm/Wind	5/4/2018	50	0	0
Thunderstorm/Wind	7/10/2018	50	0	0
Thunderstorm/Wind	7/27/2018	60	0	0
Hail	7/27/2018	0.75	0	0
Flash Flood	8/3/2018	-	1000	0
Heavy Rain	8/3/2018	-	0	0
Flash Flood	8/7/2018	-	1000	0
Thunderstorm/Wind	8/7/2018	50	0	0
Hail	8/7/2019	0.88	0	0
Thunderstorm/Wind	8/7/2019	50	0	0
Thunderstorm/Wind	8/16/2019	52	0	0
Thunderstorm/Wind	7/2/2020	50	0	0
Flash Flood	8/4/2020	-	1000	0
Thunderstorm/Wind	10/7/2020	45	0	2000
Flood	6/8/2021	-	0	0
Thunderstorm/Wind	5/15/2022	50	0	0
Flash Flood	5/15/2022	-	0	0
Thunderstorm/Wind	7/9/2023	50	0	0
Total			\$3000	\$2000

Note: The table above lists only the hazard events that were recorded as occurring specifically within the City. For records of County-wide hazard events, see the Albany County Annex. Units for magnitude are expressed as the following: Hail: inches, Thunderstorm/Wind: knots.

4.3 Floodplain Statistics

Key water features in the City are described in Section 2.2 of this annex. FEMA provides flood insurance rate maps for the municipality and GIS data on the spatial location of floodplains. The 1% annual chance (100-year) flood event area generally corresponds with areas that are at high risk of flooding, and the 0.2% annual chance (500-year) flood event area generally corresponds with areas that are at moderate risk of flooding. Out of the 22.0 square miles in the City, approximately 9.99% are located within the 1% annual chance flood event area and approximately 11.61% are located within 0.2% annual chance flood event area (inclusive of the 1% flood event area). The estimated number and structure value of parcels in the municipality that intersect mapped floodplains are summarized in Table 4-5. There are 778 parcels in the City located within the 1% annual chance flood event area, with an estimated total structure value of \$496,445,450. Inclusive of these parcels in the 1% annual chance flood event area, there are 1155 parcels in the City located within the 0.2% annual chance flood event area, with an estimated total structure value of \$571,215,053.

Table 4-4. Summary of Areas in Floodplains*

Total Area (square miles)	Percent of Total Area in 1% Annual Chance Floodplain	Percent of Total Area in 0.2% Annual Chance Floodplain
22.0	9.99%	11.61%

* Calculated areas and percentages are informational estimates only and are not to be used for official purposes. The 0.2% annual chance floodplain in this table includes the area in the 1% annual chance floodplain.

Table 4-5. Estimated Number and Structure Value of Parcels within Mapped Floodplains

Property Class	Number of Parcels in 1% Annual Chance Floodplain	Approx. Structure Value* in 1% Annual Chance Floodplain	Number of Parcels in 0.2% Annual Chance Floodplain**	Approx. Structure Value* in 0.2% Annual Chance Floodplain**
Unclassified	2	\$0	2	\$0
Agricultural	0	\$0	0	\$0
Residential	152	\$15,637,625	278	\$23,985,025
Vacant	314	\$286,300	418	\$298,500
Commercial	233	\$317,055,213	347	\$370,003,616
Recreation and Entertainment	9	\$2,836,380	15	\$2,840,080
Community Services	23	\$118,327,500	47	\$131,736,600
Industrial	11	\$21,906,783	12	\$21,942,883

Property Class	Number of Parcels in 1% Annual Chance Floodplain	Approx. Structure Value* in 1% Annual Chance Floodplain	Number of Parcels in 0.2% Annual Chance Floodplain**	Approx. Structure Value* in 0.2% Annual Chance Floodplain**
Public Services	31	\$20,395,649	32	\$20,408,349
Parks and Open Space	3	\$0	4	\$0
Total	778	\$496,445,450	1155	\$571,215,053

*Structure Value for each parcel was estimated by subtracting Land Assessed Value from Total Assessed Value. If the entire parcel or a subset of the parcel was contained within the floodplain, the structure on that parcel was included regardless of the structure's location on the parcel.

** The 0.2% Annual Chance Floodplain in this table includes the area in the 1% Annual Chance Floodplain.

4.4 National Flood Insurance Program

Long-term mitigation of potential flood impacts can be best achieved through comprehensive floodplain management regulations and enforcement at a local level. The National Flood Insurance Program (NFIP), regulated by FEMA, aims to reduce the impact of flooding on private and public structures by providing affordable insurance for property owners. The program encourages local jurisdictions to adopt and enforce floodplain management regulations in order to mitigate the potential effects of flooding on new and existing infrastructure (<https://www.fema.gov/flood-insurance>).

Communities that participate in the NFIP adopt floodplain ordinances. If an insured structure incurs damage costs that are over 50% of its market value, the owner must comply with the local floodplain regulations when repairing or rebuilding the structure. A structure could be rebuilt at a higher elevation, or it could be acquired and demolished by the municipality or relocated outside of the floodplain. Insured structures that are located within floodplains identified on FEMA's Flood Insurance Rate Maps (FIRMs) may receive payments for structure and content losses if impacted by a flood event.

The NFIP and other flood mitigation actions are important for the protection of public and private property and public safety. Flood mitigation is valuable to communities because it:

1. Creates safer environments by reducing loss of life and decreasing property damage;
2. Allows individuals to minimize post-flood disaster disruptions and to recover quicker (homes built to NFIP standards generally experience less damage from flood events, and when damage does occur, the flood insurance program protects the homeowner's investment); and
3. Lessens the financial impacts on individuals, communities, and other involved parties (<https://www.fema.gov/flood-insurance>).

The City of Albany currently participates in the NFIP (community ID 360001A), and its current FIRM(s) became effective on 3/16/15. FIRMs are available via FEMA's Flood Map Service Center (<https://msc.fema.gov/portal/home>). Digital FIRM data is also available for Albany County via FEMA's National Flood Hazard Layer Viewer, which was referenced during the development of this annex. Information from this digital FIRM data was incorporated into this Hazard Mitigation Plan where appropriate (for example, when identifying which critical facilities are located in the floodplain).

The City's local law governing floodplain development and NFIP compliance is located in Chapter 375, Article II, § 375-206, (3) FP-O Floodplain Overlay. The City will continue to comply with the NFIP by enforcing floodplain management requirements and regulating new development in special flood hazard areas, among other required duties. Staff capabilities to implement the NFIP and local floodplain regulations are listed in Table 3-1 of this annex.

According to NFIP claims data provided by FEMA, there are 7 repetitive loss properties in the City of Albany. Repetitive loss properties are properties that have had at least two paid flood losses of more than \$1,000 each in any 10-year period since 1978.

4.5 Considerations for Future Hazards

No concerns about future changes in hazard impacts specific to the City were identified during the hazard mitigation planning process, other than a general concern about climate change impacts. The effects of climate change and other factors on future hazard events in Albany County are covered in more detail in Section 6 of the main body of the HMP.

5 ASSETS AND VULNERABILITIES

5.1 Critical Facilities

FEMA defines a critical facility as one that provides services and functions essential to a community, especially during and after a disaster. Critical facilities should remain accessible and functional before, during and after disasters. Additionally, critical facilities include those that requires a special emergency response in the event of hazardous incidents, such as buildings that store hazardous materials. Examples of critical facilities include community lifelines, such as fire departments, EMS services, police stations, water and wastewater services, medical facilities, highway garages, and hazardous materials. They also include facilities such as Town halls, schools, and senior centers. In the hazard mitigation planning process, each jurisdiction ultimately decided which facilities they consider to be critical facilities for their community.

Table 5-1 denotes the name, type, and location of the critical facilities within the City of Albany, and any particular vulnerabilities of note. More information about hazard vulnerability, including the vulnerability of community assets to natural hazard events, is included in Section 8 of the main body of the HMP. Additional vulnerabilities by location are assessed in the HAZUS analysis, included in the appendices of the HMP.

Table 5-1. Critical Facilities

[Table redacted due to sensitive content]

Per 2022 NYS Hazard Mitigation Planning Standards, jurisdictions must identify all of their critical facilities, determine the facilities' exposure to a 1% and 0.2% annual chance flood event, and document if the facilities are protected to a 0.2% annual chance flood event or previous worst case flood event (whichever is greater). For facilities that do not meet this level of protection, the jurisdiction must either include an action to meet or exceed this criterion or explain why it is not feasible to do so.

As indicated in Table 5-1, it is unknown whether several of the City's critical facilities are protected to a 0.2% annual chance (500-year) flood event or previous worst case flood event (whichever is greater). The City has included an action in Section 7.2: New Mitigation Actions related to these critical facilities. Section 9 of the main body of the HMP provides additional detail on how the County and local municipalities may assess critical facilities' level of protection to the 1% and 0.2% annual chance flood event.

5.2 High Hazard Potential Dams

According to the NYSDEC Division of Water Bureau and Flood Protection and Dam Safety, there are four hazard classifications of dams in New York State. A High Hazard Potential Dam is a dam located in an area where dam failure may cause loss of human life; serious damage to homes, industrial, or commercial buildings; essential public utilities; main highways or railroads; and will cause extensive economic loss.

The City of Albany has 2 high hazard potential dams located in the municipality: Loudonville Reservoir Dam and Rensselaer Lake Dam. Information on these dams is included in Table 5-2. High Hazard Potential Dams can be an asset as well as pose risks to the jurisdiction and neighboring jurisdictions. Additional information about high hazard potential dams and their impacts is included in Sections 6 and 7 of the main body of the HMP.

Table 5-2. High Hazard Potential Dams in the City of Albany

Dam Name	Federal ID	Owner	Year Completed	Construction Type	Primary Purpose	Date of Last EAP Revision
Loudonville Reservoir Dam	NY16092	ALBANY WATER BOARD	1936	Earth	Water Supply	12/1/2021
Rensselaer Lake Dam	NY01334	ALBANY WATER BOARD	1850	Earth	Recreation	6/1/2023

Source: National Inventory of Dams (U.S. Army Corps of Engineers, 2023), NYSDEC Foil Request (NYS Department of Environmental Conservation, 2024)

5.3 Additional Jurisdiction/Public Identified Vulnerabilities

In addition to critical facilities, it is important to take a holistic approach to identifying assets in the jurisdiction and how they may be vulnerable to the hazards identified in the HMP. Examples of other assets considered include:

- People (residents, workers, visiting populations, and socially vulnerable populations like seniors, individuals with disabilities, lower-income individuals, etc.)
- Other structures (community centers, historic places, planned capital improvement)
- Economic assets (major employers, primary economic sectors, key infrastructure like telecommunications networks)
- Natural, historic and cultural resources (areas of conservation, beaches, parks, critical habitats)
- Critical facilities and infrastructure (hospitals, law enforcement, water, power)
- Community activities (major local events such as festivals or economic events like farming or fishing)

Aside from critical facilities listed in Table 5-1, the City of Albany has identified the following additional assets for consideration in hazard mitigation planning and included the following notes:

Table 5-3. Additional Assets Part 1

[Table redacted due to sensitive content]

Table 5-4. Additional Assets Part 2: Potential Shelters

[Table redacted due to sensitive content]

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6 SUMMARY OF HAZARD IMPACTS AND VULNERABILITIES

6.1 Flood

The City of Albany has ranked their overall vulnerability to flood events as moderate, as indicated in Table 4-2. According to City representatives, flood events occur regularly in the jurisdiction and affect one or two problem areas within the jurisdiction, causing moderate damage. The City feels they are moderately prepared for flood events.

Information on flood event records (Section 4.2 of this annex), high hazard potential dams (Section 5.2), floodplain statistics (Section 4.3), and participation in the NFIP (Section 4.4) are described above, illustrating the impact of flooding on critical facilities and other structures. The City is particularly concerned about the impacts of flooding on homes within the 1% chance annual floodplain and 0.2% chance annual floodplain, roads, and vulnerable populations as listed in Section 6.6.

Future vulnerability to flood events is determined by many factors, such as climate change, land use, and population changes, as well as the implementation of mitigation and adaptation strategies. Climate change is expected to increase the City's future vulnerability to flood events. These trends are further described in Section 4.1 of this annex and in Section 6 of the main body of the HMP.

6.2 Severe Storm

The City of Albany has ranked their overall vulnerability to severe storm events as high, as indicated in Table 4-2. According to City representatives, severe storms occur regularly in the jurisdiction and affect a significant portion of the jurisdiction, causing moderate damage. The City feels they are moderately prepared for severe storm events.

Records of severe storm events are described in Section 4.2 of this annex. Impacts to the City from severe storm events include fallen trees from severe winds, which can damage overhead utility lines, resulting in power outages. These events are likely to result in damages to private and public infrastructure and property. In addition, during severe winter storm events, roadway safety is a primary concern and impacts the safety of residents and operation of critical facilities. Damages to the City's critical infrastructure or primary transportation routes would be particularly impactful to residents. According to the City, storms can have an especially damaging impact on vulnerable populations as listed in Section 6.6.

Future vulnerability to severe storm events is determined by many factors, such as climate change, land use, and population changes, as well as the implementation of mitigation and adaptation strategies. Climate change is expected to change the types of severe storm events that the City is vulnerable to, likely making the City more vulnerable to severe thunderstorm, windstorm, and hail events and less vulnerable to heavy snow, ice storms, winter storms and winter weather. These trends are further described in Section 4.1 of this annex and in Section 6 of the main body of the HMP.

6.3 Drought

The City of Albany has ranked their overall vulnerability to drought events as moderate, as indicated in Table 4-2. According to City representatives, drought events occur infrequently in the jurisdiction and affect one or two problem areas within the jurisdiction, causing minor damage. The City feels they are moderately prepared for drought events.

The City of Albany is served by a public water supply. This water supply, and certain critical facilities such as water/wastewater facilities (see Section 5.1) could be susceptible to impacts during a drought due to low water yields, particularly if a back-up water supply has not been formally established. Additionally, any residents who rely on private wells would also be susceptible to the impacts from a drought due to low water yields.

City representatives have indicated that the level of risk for drought is manageable with current tools. A drought problem last occurred in 1960s. The City has updated their safe yield analysis. The City has also worked on dam safety improvements (e.g. Basic Creek Reservoir Dam) with money from FEMA, but there is more to be done. Since the City's population has shrunk, the City has not had water capacity problem. The City has intermunicipal agreement with Latham Water for emergency basis, but extended drought may not have a protocol for getting water from Latham Water. However, the Alcove Reservoir has 2 years of water storage. Water conservation is integrated into current emergency plan for drought.

Future vulnerability to drought events is determined by many factors, such as climate change, land use, and population changes, as well as the implementation of mitigation and adaptation strategies. Climate change is expected to increase the City's future vulnerability to drought events. These trends are further described in Section 4.1 of this annex and in Section 6 of the main body of the HMP.

6.4 Extreme Temperatures

The City of Albany has ranked their overall vulnerability to extreme temperature events as high, as indicated in Table 4-2. According to City representatives, extreme temperature events occur regularly in the jurisdiction and affect the entire jurisdiction, causing minor damage. The City feels they are moderately prepared for extreme temperature events.

Extreme temperature events tend to have greater impacts on vulnerable populations, including older adults (over 65 years), young children (under 5 years), individuals with health complications, and individuals who cannot afford to sufficiently heat or cool their homes. Approximately 4.5% of the population in the City is under 5 years old, and 12.4% of the population is over 65 years old. Approximately 15.3 of the residents of the City have a disability (excluding any institutionalized residents and active-duty military members) some of whom have health problems that make them more vulnerable to extreme heat or cold. Approximately 30.3% of the City's population is below the poverty level. Many residents within these populations are at a higher risk of being impacted by extreme temperature events. In particular, the City is concerned about the impacts of extreme temperature events on vulnerable populations as listed in Section 6.6. The City

utilizes Code Blue to provide shelter to homeless individuals and families when the temperatures are 32 degrees or less, including wind chill. The City also utilizes cooling centers.

Future vulnerability to extreme temperature events is determined by many factors, such as climate change, land use, and population changes, as well as the implementation of mitigation and adaptation strategies. Climate change is expected to increase the City's future vulnerability to extreme heat events and decrease its vulnerability to extreme cold events. These trends are further described in Section 4.1 of this annex and in Section 6 of the main body of the HMP.

6.5 Landslide

The City of Albany has ranked their overall vulnerability to landslide events as low, as indicated in Table 4-2. According to City representatives, landslide events occur rarely in the jurisdiction and affect one or two problem areas within the jurisdiction, causing minor damage. The City feels they are moderately prepared for landslide events.

Landslides can impact the structural integrity of buildings, roads, and other infrastructure in the City. They can also impact transportation flow and the provision of supplies, can degrade the natural environment, and have the potential to cause injury and death. The City is particularly concerned about the impacts of landslides along the Normans Kill.

Future vulnerability to landslide events is determined by many factors, such as climate change, land use, and population changes, as well as the implementation of mitigation and adaptation strategies. For example, underlying conditions that impact landslides, such as bedrock stability and heavy rain events, are influenced by climate-related trends, such as temperature increases and extreme precipitation events. These trends are further described in Section 4.1 of this annex and in Section 6 of the main body of the HMP.

6.6 Jurisdictional Priorities

Taking into account the identified natural hazards, potential impacts, assets, and vulnerabilities identified above, key vulnerabilities and priorities to be addressed in this HMP were identified for the City.

Top concerns about hazard mitigation in the City included:

- Severe Storms (damaging winds, power outages, flooding)
- Drought (e.g. in 1960s)
- Flood

The following populations were identified as being particularly vulnerable to hazards:

- Demographically:
 - Elderly populations
 - People with disabilities
 - Low-income people
 - Homeless individuals
 - Students (large transient population)

- Migrant population (need to overcome language barrier). Many languages. Most common are: Spanish, Arabic, Pashto, Dari/Farsi/Persian, Karen, Bengali, Swahili, Burmese, Urdu, Kinyarwanda)
- Geographically:
 - Homes within 100-year floodplain (as well as the 500-year floodplain)
 - Roadways in floodplain

The plan was revised to reflect the following changes in community priorities since the 2018 HMP Update:

- The City's priorities have not changed in any significant way since the 2018 update.
- Water department has done many capital improvements in last 5 years
- Covid-19 has impacted the County.

Additional concerns that the City would like addressed in the plan include:

- Action plan / task force for County or region in order to stabilize emergency situations until the City can get additional assistance. State and federal agencies can be slow to provide assistance; it can take 24-48 hours or more.
- Explore possibility of becoming a CRS community (can leverage Climate Smart Communities points)
- Office of Cultural Affairs working on Extreme Weather Contingency Plan (addressing wildfire smoke and temperatures)

6.7 Additional Impacts

Additional impacts of the hazards are summarized in the problem descriptions in the City's past and new mitigation actions, as described in the following sections.

7 MITIGATION STRATEGY AND IMPLEMENTATION

7.1 Past, Completed, and Ongoing Initiatives

The City had proposed 6 mitigation actions in the 2018 Albany County HMP Update. The status of each action is summarized below, along with the City’s decision about whether to include the action in the 2024 HMP Update. Any revisions to actions proposed in 2018 are indicated below.

Table 7-1. Status of 2018 Mitigation Actions

Name	Description	Hazard(s)		Status (Completed, In Progress, No Progress, Discontinued)	Carried into 2024 HMP Update? (Yes/No)	Notes
		Mitigated	Lead Agency			
Property Acquisition for Flood-prone properties along the Normans Kill	Several Properties along the Normans Kill have had repetitive losses from flooding. Landslides in this area compound the risk. The FIRM maps do not reflect changes in the Normans Kill due to a recent (2015) major landslide immediately downstream	Flooding	City of Albany Dept of Planning & Development Commissioner	Discontinued	No	While there are no current plans for property acquisition, property acquisition could happen in an emergency; any details about this will be included in the New Mitigation Actions section. The City has conducted detailed mapping regarding the Woodville sewage station, and has modified a crossing on Krumkill Road.

Name	Description	Hazard(s) Mitigated	Lead Agency	Status		Notes
				(Completed, In Progress, No Progress, Discontinued)	Carried into 2024 HMP Update? (Yes/No)	
Patroon Creek Flood Mitigation Project	New FIRM maps for the City of Albany show a high risk of flooding from the Patroon Creek in the north end of Albany. The City could mitigate peak flows through management of storage in several upstream waterbodies, and additional mitigation actions through engagement with state partners.	Flooding	City of Albany Dept of Planning & Development Commissioner, Water Department	In Progress	Yes (as revised. Some aspects also included in New Mitigation Actions)	FIRM maps have been amended; they now show lower levels of flooding. Additionally, a project in Tivoli Park has affected flooding. The City has conducted 2D mapping up to Rensselaer Lake. There is a need to engage state partners in mitigation actions.

Name	Description	Hazard(s) Mitigated	Lead Agency	Status		Notes
				(Completed, In Progress, No Progress, Discontinued)	Carried into 2024 HMP Update? (Yes/No)	
Krum Kill Flood Mitigation Project	Pursue mitigation projects along the Krum Kill, including but not limited to a study of mitigation measures for the sewage pumping station, culvert modifications, and actions to mitigate flooding along Route 20 and private property.	Flooding	Water Department	In progress	Yes (as revised)	The City would like to conduct upgrades/replacements on a second culvert on the thruway, and mitigate flooding along Route 20. Partner with Town of Guilderland as necessary for mitigating flooding on private property.
Beaver Creek Flood Mapping Project	The City has combined sewers, leading to flooding (e.g. along Central Ave and others). The latest FEMA mapping does not show the combined sewers. This flooding issue would need to either be addressed in FEMA mapping or have another way to warn people of flooding issues.	Flooding	Water Department	In progress	Yes (as revised. Some aspects are included in New Mitigation Actions)	Stormwater storage and flood mitigation has been done. Maps have not been formalized. Utilize grants program for backwater valves as necessary.

Name	Description	Hazard(s) Mitigated	Lead Agency	Status		Notes
				(Completed, In Progress, No Progress, Discontinued)	Carried into 2024 HMP Update? (Yes/No)	
Fox Creek Flood Mitigation Project	Mitigate flooding on Sheridan Avenue, which may include rehabilitation of Fox Creek, upstream water storage, and/or other measures. Sheridan and Chapel St, Parking lot for First Church have had flood problems related to combined sewer system. This causes street flooding and basement flooding.	Flooding	Water Department	In Progress	Yes (as revised)	The City has done rehabilitation of Fox Creek under the First Church parking lot (a green infrastructure project) and is now investigating opportunities for water storage upstream for water & potential funding sources for that.

Name	Description	Hazard(s) Mitigated	Lead Agency	Status		Notes
				(Completed, In Progress, No Progress, Discontinued)	Carried into 2024 HMP Update? (Yes/No)	
Green Infrastructure along Hacket Blvd	Implement green infrastructure projects along Hacket Blvd, including stormwater storage through constructed wetlands, and additional work along the corridor. Hacket Blvd has a CFO trunk sewer, causing flooding problems along St Claire Barton and St James Place.	Flooding	Water Department	In Progress	Yes (as revised)	The City has implemented stormwater storage as part of constructed wetlands. The City has proposed additional work along corridor with EFC grant money.

7.2 New Mitigation Actions

In addition to the actions carried over from the 2018 HMP, the City of Albany identified new mitigation actions for inclusion in the 2024 HMP Update, in conjunction with the project team. First, a list of actions was brainstormed based on the capabilities, hazard identification, impacts, and vulnerabilities described above. This included consideration to the ways that the City could expand and improve the identified capabilities to achieve mitigation, as described in Section 3 of this annex. Then, a more comprehensive range of actions were evaluated as described in Section 9 of the main body of the HMP. Finally, actions that tied in most closely with the vulnerabilities identified by the City were selected for inclusion in the HMP. These actions are included in the table below. (Note that in the table, CF = Critical Facility, EHP = Environmental and Historic Preservation.) The actions also help address climate change in the City, since many of the

hazards profiled in this HMP may be worsened by climate change. The effects of climate change on these hazards are described in Section 4.1 and Section 6 of this annex, as well as in Section 6 of the main body of the HMP.

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Table 7-2. New Mitigation Actions*

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany MH1	Basic Creek Reservoir Dam Safety Improvements	G1, G2, G5, G6	Drought, Flood	If a drought occurred, low water levels at the Basic Creek Reservoir Dam could impact dam safety. The City has conducted an engineering assessment, created hydrologic maps, conducted bathymetry studies, and is maintaining existing storage; however, additional safety improvements could be made.	Conduct dam safety improvements at the Basic Creek Reservoir, including those outlined in the dam's engineering assessment.	No	Potentially	3-5 years	Water Department	High	Safety improvements to the Basic Creek Reservoir Dam would mean that if a drought did occur, the dam would be less likely to fail, and flooding would be less likely to occur.	US HMGP, US BRIC, NYS HM RLF, Flood Mitigation Assistance Program, FEMA HHPD Grant Program, WaterSMART Drought Response Program	Medium
City Albany D1	Drought Education Program	G1, G3, G6	Drought	Droughts have the potential for impacting the City of Albany, including causing fires. However, not everyone within the City is educated on how to conserve water and prevent fires.	Work with the media (e.g. radio, television, and social media) to disseminate information regarding water conservation and fire prevention modalities.	No	No	1-3 years	Fire Department	Low	Residents would be equipped to implement behavioral and operational changes that conserve water and reduce the overall impact of drought.	US HMGP, US BRIC, CRF, EPA EJSG, US CDBG-MIT, NYS HM RLF, FEMA EMPG, WaterSMART Drought Response Program	High

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany F1	Community Rating System Participation	G1, G2, G3, G4, G5, G6	Flood	The City of Albany regularly experiences flooding. However, the City is not currently a Community Rating System (CRS) community, which could enhance the City's ability to manage floodplains, reduce flood damage, and strengthen and receive discounted flood insurance premium rates.	Explore the feasibility of becoming a Community Rating System (CRS) community through internal City discussions and a review of requirements. If feasible, join the CRS program. Additionally, work to maximize points in the CRS through future HMP Update Processes and through other complementary programs such as Climate Smart Communities.	No	No	1-3 years	Department of Planning, Office of Sustainability	Low	Participating in the Community Rating System would enhance the City's ability to manage floodplains, reduce flood damage, and strengthen and receive discounted flood insurance premium rates.	FEMA BRIC, FEMA HMGP, FEMA FMA, NYS HM RLF, EPA Smart Growth Support	High

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Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany MH2	Broadway Flood Mitigation Strategy	G1, G2, G3, G4, G5, G6	Flood, Severe Storms	According to the Albany County Climate Resiliency Plan (page 178), Broadway is an important corridor connecting the north and south parts of the Capital Region, including the site of a bus corridor (CDTA Blue Line) between the City of Albany, Village of Menands, and City of Watervliet. However, several locations along the Broadway corridor are prone to flooding. Flooding occurs especially due to severe storm events and stormwater runoff.	Work with Albany County to pursue flood mitigation projects along Broadway, as outlined in Albany County's Climate Resiliency Plan (page 178). Focus on projects on the north end (especially expanding separation of sewer and stormwater, especially between Livingston and Loudonville Road). Additional projects may include, but is not limited to, evaluating and/or incorporating green infrastructure, bike infrastructure, dedicated bus rapid transit lanes, integration with ongoing projects, flood mitigation along Patroon Creek, and any other actions deemed necessary for mitigating flooding and other hazards.	No	Potentially	3-5 years	Water Department, Department of Planning & Development	Medium	This action would reduce the risk of flooding along Broadway. The flood risk reductions would also make severe storms less impactful.	FEMA BRIC, FEMA HMGP, FEMA FMA, NYS HM RLF, EPA Smart Growth Support, EPA Greening America's Communities, CDBG Public Infrastructure and Community Planning, WQIP, EFC GIGP, DOS Smart Growth, NYS CSC, DASNY State and Municipal Facilities Program, NYSDOT CHIPS, NYSEFC CWSRF	Medium

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany F2	Rensselaer Lake Dam Safety Improvements	G1, G2, G5, G6	Flood	If the Rensselaer Lake Dam had a breach or failure, it would flood Fuller Road, I-90, and other locations. The City of Albany Water Department has a ground lease on Rensselaer Lake Dam (also known as Six Mile Waterworks Dam), and works on dam safety. However, additional funding is needed for dam safety improvements.	Implement dam safety improvements along Rensselaer Lake, including those outlined in the engineering assessment. Pursue funding as needed.	No	Potentially	3-5 years	Water Department	High	Safety improvements to the Rensselaer Lake Dam would reduce the risk that flooding would occur due to a dam breach or failure.	US HMGP, US BRIC, NYS HM RLF, Flood Mitigation Assistance Program, FEMA HHPD Grant Program	Medium
City Albany F3	MVP Arena Parking Garage Flood Mitigation	G2, G6	Flood	According to the Albany County Climate Resiliency Plan, "the MVP Arena Parking Garage has been experiencing stormwater runoff from the top roof level into the center of the structure at multiple locations." The garage is owned by the County.	Partner with Albany County and the Albany Parking Authority (city agency) to follow site-specific recommendations for the MVP Arena Parking Garage as outlined in Albany County's Climate Resiliency Plan (pages 184-189), or as otherwise necessary for mitigation of flooding. This may include install bioretention strips, a bioretention band, and/or a green roof.	No	Potentially	1-3 years	Department of Planning & Development, Albany Parking Authority	Medium	This action would reduce stormwater runoff in the parking garage.	FEMA BRIC, FEMA HMGP, FEMA FMA, NYS HM RLF, CDBG Public Infrastructure and Community Planning, EFC GIGP, NYS CSC, NYSEFC CWSRF	Medium

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany F4	Port of Albany Resilience Assessment	G2, G6	Flood	The Port of Albany is located in the 100-year floodplain and is subject to flooding due to sea level rise and changing water levels on the Hudson River. Shipping delays can occur if floods close channels and if extreme precipitation events cause silt and debris to build up, restricting channels. Additionally, Albany County's South Wastewater Treatment Plant is located at the Port of Albany and is vulnerable to flooding.	Partner with Albany County as needed to conduct a resilience assessment for the Port of Albany, especially the County's South WWTP, as recommended in the Albany County Climate Resiliency Plan (page 203). As part of this assessment, identify and implement mitigation measures that address the challenges presented by sea level rise and flooding and enable this facility to continue functioning effectively even under conditions of higher Hudson River levels and more extreme storm events.	No	Potentially	1-3 years	Department of Planning & Development	Medium	This action would increase the Port of Albany's long-term resilience to flooding, by identifying and implementing flood mitigation measures.	FEMA BRIC, FEMA HMGP, FEMA FMA, NYS HM RLF, CDBG Public Infrastructure and Community Planning, NYS CSC, USFWS NCWCG, NFWF NCRF	Medium

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany F5	Mapping and Flood Insurance Studies	G1, G2, G6	Flood	The City has combined sewers, leading to flooding in several areas (including near the Patroon Creek waterway and other areas). However, the latest FEMA mapping does not show the combined sewers. There needs to be a way of warning people (including potential buyers) of flooding issues, either through FEMA mapping or another strategy.	Investigate the possibility of additional mapping and flood insurance studies along the Hudson. This may include online mapping for areas of flooding that are not shown in FEMA maps. Partner with state agencies as necessary. Additionally, publicize the Albany Water Department's Backwater Valve Grant Reimbursement program to homeowners and potential homeowners in problem areas.	No	No	3-5 years	Water Department	Medium	Additional mapping would lead to greater knowledge of flood risk among residents, businesses, and others within Albany County. This would empower residents to make choices that reduce their flood risk as desired and feasible, such as buying homes in zones with less flood risk, installing backwater valves, implementing other home improvement measures, etc.	FEMA BRIC, FEMA HMGP, FEMA FMA, NYS HM RLF, CDBG Public Infrastructure and Community Planning, NYS CSC, EPA's Greening America's Communities program, NYS DOS Smart Growth program	High
City Albany F6	Traffic Alerts for Flooding	G1, G6	Flood	Floods are a problem in several areas of the City, and sometimes vehicles drive through floodwaters which puts them at risk. Other times, traffic backups occur when people try to avoid floodwaters.	Investigate and implement strategies to warn traffic of potential flooding issues and divert traffic from floods. This may include billboards, warnings integrated with Nixel, or warnings integrated with IPAWS, and/or social media warnings.	No	No	1-3 years	Fire & Emergency Services Department	Medium	This action would help residents avoid floodwaters, reducing the risk to their safety from flooding. It would also reduce inconveniences on traffic in the area due to flooding.	FEMA EMPG, DOT SS4A, DOT HSIP	High

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany F7	Sea Level Rise Mitigation Strategy	G2, G3, G6	Flood	Sea level rise presents a growing issue for the City, as climate change increases the height of seawaters including the Hudson Estuary. This increases the City's flood risk.	Include actions to address sea level rise in the City's Climate Action Plan. Pursue funding to implement the recommendations of the plan as feasible. Focus especially on keeping the river out of sewer system (since City is seeing higher tides) -- for example, installing tide gates in the short term.	Yes	Potentially	1-3 years	Department of Planning & Development, Water Department, Office of Sustainability	Medium	This action would decrease the impact that flooding due to sea level rise has on the City.	FEMA BRIC, FEMA HMGP, FEMA FMA, NYS HM RLF, USFWS NCWCG, NFWF NCRF, CDBG Public Infrastructure and Community Planning, WQIP, EFC GIGP, DOS Smart Growth, NYS CSC, DASNY State and Municipal Facilities Program, NYSDOT CHIPS, NYSEFC CWSRF	Medium
City Albany S1	Power Outage Mitigation Strategy	G1, G5, G6	Severe Storm	The City often experiences power outages during storms, which can have a significant impact on City infrastructure and vulnerable residents.	Conduct a feasibility study to explore options for preventing and addressing power outages in the City, then implement actions as appropriate. Potential actions may include, but are not limited to: identifying problem areas, burying power lines and utilities, increasing tree maintenance, updating local codes to require underground wiring for new developments, providing generators to low-income residents who rely on power outages for health reasons, educating the public on safety during power outages.	No	Potentially	3-5 years	Department of General Services	Medium	This action would decrease the City's vulnerability to severe storm events, by reducing the risk, duration, and impact of power outages.	FEMA BRIC, FEMA HMGP, NYS HM RLF, CDBG Public Infrastructure and Community Planning, DOS Smart Growth, NYS CSC, NYSDEC Urban and Community Forestry Grants	Medium

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany S2	Wind Mitigation Strategy	G1, G2, G6	Severe Storm	Winds during severe storms can cause damage to parts of the City.	Conduct an assessment of which areas have experienced the most wind damage and ways to prevent it, then implement actions as feasible. Potential actions may include, but are not limited to: increasing tree pruning in problem areas, holding a public education workshop on tree and building maintenance best practices and how to finance them, and/or performing a structural review of wind load for municipal buildings.	No	Potentially	1-3 years	Department of General Services	Medium	This action would decrease the City's vulnerability to severe storm events, by reducing the impact of high wind events on buildings, trees, and power lines.	FEMA BRIC, FEMA HMGP, NYS HM RLF, CDBG Public Infrastructure and Community Planning, DOS Smart Growth, NYS CSC, NYSDEC Urban and Community Forestry Grants	Medium

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Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany MH3	Extreme Weather Contingency Plan for Cultural Events	G1, G4, G6	Extreme Temperatures, Severe Storms	Extreme temperatures and severe storms can make cultural events unsafe.	Develop an Extreme Weather Contingency Plan in partnership with Office of Cultural Affairs, then implement plan recommendations as feasible. As part of the Contingency Plan, address wildfire smoke, storms, and extreme temperatures at cultural events. This may include, but is not limited to, having advanced planning like alternate locations for concerts, thresholds at which events are cancelled, who will be notified, when the City will need additional emergency support, and other considerations.	No	No	1 year	Department of Cultural Affairs	Low	This action would reduce the vulnerability of event attendees to extreme temperatures and severe storms, by ensuring that events are only held when it is safe and that there are plans in place to deal with safety issues caused by natural hazards.	FEMA BRIC, FEMA HMGP, NYS HM RLF, FEMA EMPG	High

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Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany ET1	Plan for Cooling Centers	G1, G5	Extreme Temperatures	The City has a significant low-income population, many of whom do not have air conditioning.	Create and implement a plan for cooling centers. This may include, but is not limited to: utilizing public facilities for cooling centers, upgrading public facilities as necessary to serve in this capacity, strategizing about ways to spread the word and encourage participation, and continuing to utilize Albany Housing Authority facilities for cooling of residents (most facilities) and the public (main office).	Yes	Potentially	1-3 years	Department of Neighborhood and Community Services, Office of Sustainability	Medium	This action would reduce the vulnerability of residents to extreme heat events by providing them with cool places to go and educating them about the availability of the cooling centers.	FEMA HMGP, FEMA BRIC, NYS HM RLF, US CDBG-MIT, FEMA Emergency Management Performance Grant (EMPG), NYS CSC	High
City Albany MH4	Generators at Shelters and Heating/Cooling Centers	G1, G5, G6	Extreme Temperatures, Severe Storms	Many City residents are impacted by heat, cold (especially during power outages), and storms.	Assess whether existing and potential heating centers, cooling centers, and shelters have sufficient generator capacity. Purchase and/or upgrade generators as necessary. Additionally, assess electrical capabilities at these facilities (e.g. wiring) and pursue upgrades as needed.	Yes	Potentially	1-3 years	Department of General Services	High	This action would ensure that buildings are adequately equipped to provide respite for residents during severe storms and extreme temperature events, thereby reducing residents' vulnerability to these events.	FEMA HMGP, FEMA BRIC, NYS HM RLF, US CDBG-MIT, FEMA Emergency Management Performance Grant (EMPG), NYS CSC	Medium

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany ET2	Urban Heat Island Effect Mitigation Strategy	G1, G5	Extreme Temperatures	Extreme heat impacts many City residents, especially those in urban heat islands.	Conduct a study about urban heat island effects, in partnership with Radix Ecological Sustainability Center. Implement the recommendations of the study as feasible.	No	Potentially	3-5 years	Department of Planning & Development, Office of Sustainability	Medium	This action would reduce the impact of extreme heat on residents and visitors who live or spend time in an urban heat island.	FEMA HMGP, FEMA BRIC, NYS HM RLF, US CDBG-MIT, FEMA EMPG, NYS CSC, CDBG Public Infrastructure and Community Planning, DOS Smart Growth, EPA Greening America's Communities, NYS EFC GIGP	High

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Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany MH5	Normans Kill Long-Term Maintenance Plan	G1, G2, G3, G4, G5, G6	Landslide, Flood	A natural river flows through the Normans Kill Ravine. There was a washout in the past, and there is potential for a landslide in the future. If a landslide occurs, it would block Normans Kill Creek and flood the area upstream of the landslide.	Institutionalize the current maintenance practices of the Normans Kill Ravine to ensure that these practices are transferred throughout any changes in personnel or other institutional changes. This may include writing a plan for the Normans Kill Ravine, codifying maintenance practices in personnel descriptions, or other actions. Additionally, keep up maintenance practices such as: conducting regular natural stabilization of the Normans Kill Ravine (e.g. maintaining large trees with roots that keep the embankment together, maintain grass and weeds on slope), continuing to monitor this area, maintaining existing vegetation, and cleaning up debris. If necessary, acquire properties along the Normans Kill. Continue actions with stream gauges.	No	Potentially	1 year	Department of General Services	Low	This action will ensure that actions that reduce the likelihood of a landslide are maintained over the long-term, throughout any institutional changes.	US HMGP, US BRIC, NYS HM RLF, USDA/NRCS Emergency Watershed Protection Program, USACE Small Flood Control, NRCS WFPO, NYS EFC Green Innovation Grant Program, NYSDEC Urban and Community Forestry Grants, USGS Landslides Hazards Program	High

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany MH6	Normans Kill Landslide Drill(s)	G1, G2, G3, G4, G5, G6	Landslide, Flood	As described above, a landslide at the Normans Kill Ravine would block Normans Kill Creek and flood the area upstream of the landslide.	Conduct a drill or multiple drills (in-person or desktop drills) about what to do in the event of a landslide on Normans Kill. This would help City personnel understand what the issues are and what to do in the event of a landslide.	No	No	1 year	Department of General Services, Department of Fire & Emergency Services	Low	This action would help City personnel understand how to keep people safe and reduce property damage if a landslide on Normans Kill did occur.	FEMA EMPG, USDA/NRCS Emergency Watershed Protection Program	High
City Albany MH7	Emergency Action Plan and Task Force	G1, G5, G6	Multiple Hazards (flood, severe storms, extreme temperatures, drought, and landslide)	State and federal assistance can be slow to arrive during a hazard. The city needs assistance prior to when state and federal assistance arrives.	Create an action plan and/or task force that would allow the City to get assistance from the County or region in order to stabilize emergency situations (including flood, severe storms, extreme temperatures, drought, and landslide) until the City can get additional assistance from the state and/or federal government.	No	No	1 year	Department of Fire & Emergency Services	Low	This action would reduce the impacts of all hazards (including floods, severe storms, landslides, droughts, and extreme temperatures) on City residents and property, by helping the City keep people safe and address the most pressing issues after a hazard.	FEMA EMPG, USDA/NRCS Emergency Watershed Protection Program	High

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany F8	Vulnerability Assessment and Flood Protection for Critical Facilities	G1, G2, G5, G6	Flood	Some of the City's critical facilities may not be protected against the 0.2% chance flood event or previous worst case flood event. This leaves these facilities vulnerable to becoming inoperable during flood events.	Conduct vulnerability assessments for the critical facilities identified in the City's annex to this HMP update, to determine their level of protection against a 0.2% chance flood event (or previous worst case flood, if greater than the 0.2% chance flood), where unknown. If/when funding is available, protect any unprotected facilities to an 0.2% chance flood event (or previous worst case flood event, if applicable), through engineering design, building retrofits, or other measures, as necessary and feasible. These facilities are identified in Table 5-1 of the jurisdictional annex.	Yes	Potentially	3-5 years	Buildings & Regulatory Compliance, Office of Sustainability	High	This action would reduce the vulnerability of critical facilities to flood events.	DASNY State and Municipal Facilities Program, US HMGP, US BRIC, US Flood Mitigation Assistance, US HUD CDBG-MIT, NYS HM RLF, NYS CSC, FEMA EOC Grant Program	Medium

Project #	Project Name	Goal/Objective being Met	Hazard to be Mitigated	Description of the Problem	Description of the Solution	Related to CF?	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority
City Albany MH8	Increase Resilience at Municipal Facilities and Key Assets	G1, G2, G5, G6	Multiple Hazards (Flood, Severe Storm, Extreme Temperatures, Landslides)	According to Albany County's Climate Resiliency Plan, several municipal facilities throughout the County are vulnerable to natural hazards such as flooding, severe storms, extreme temperatures, and landslides, especially older buildings and buildings that serve vulnerable populations. Some facilities in the City of Albany may fall into this category.	Partner with Albany County to assess additional opportunities to increase resilience at critical facilities and other key assets. This may include, but is not limited to, action items detailed in the Albany County Climate Resiliency Plan page 180-197, such as: 1) Assess municipal buildings for resilient retrofit opportunities, 2) Assess municipal properties for resilient site improvements, and 3) Assess climate risks and identify proactive solutions for climate resilience at a local level. Particular facilities of interest may include, but are not limited to, the ones listed in the Climate Resiliency Plan (Chapter 3 and pages 180-197), as well as the ones listed in the Critical Facilities section of the jurisdictional annex.	Yes	Potentially	3-5 years	Buildings & Regulatory Compliance, Office of Sustainability	High	This action would reduce the vulnerability of the community's critical facilities to natural hazards including storms, floods, and extreme temperatures.	DASNY State and Municipal Facilities Program, US HMGP, US BRIC, US Flood Mitigation Assistance, US HUD CDBG-MIT, NYS HM RLF, NYS CSC, FEMA EOC Grant Program	Medium

*Note: CF = Critical Facility, EHP = Environmental and Historic Preservation.

7.3 Mitigation Action Prioritization

Each of the City's proposed mitigation actions were evaluated and prioritized according to the criteria listed in Section 9 of the main body of the HMP. This includes a cost-benefit review of the proposed actions. The results are included in Table 7-3.

Table 7-3. New Mitigation Action Prioritization

Mitigation Action ID	Mitigation Action Name	Ability to Increase Resilience	Economic Feasibility	Low Environmental Impact	Ability to Implement	Total Score	Priority
City Albany MH1	Basic Creek Reservoir Dam Safety Improvements	3	1	2	3	9	Medium
City Albany D1	Drought Education Program	2	3	3	3	11	High
City Albany F1	Community Rating System Participation	3	3	3	2	11	High
City Albany MH2	Broadway Flood Mitigation Strategy	2	2	3	2	9	Medium
City Albany F2	Rensselaer Lake Dam Safety Improvements	3	1	2	2	8	Medium
City Albany F3	MVP Arena Parking Garage Flood Mitigation	2	2	3	2	9	Medium
City Albany F4	Port of Albany Resilience Assessment	3	2	2	2	9	Medium
City Albany F5	Mapping and Flood Insurance Studies	3	2	3	2	10	High

Mitigation Action ID	Mitigation Action Name	Ability to Increase Resilience	Economic Feasibility	Low Environmental Impact	Ability to Implement	Total Score	Priority
City Albany F6	Traffic Alerts for Flooding	2	2	3	3	10	High
City Albany F7	Sea Level Rise Mitigation Strategy	2	2	3	2	9	Medium
City Albany S1	Power Outage Mitigation Strategy	3	2	2	2	9	Medium
City Albany S2	Wind Mitigation Strategy	2	2	2	2	8	Medium
City Albany MH3	Extreme Weather Contingency Plan for Cultural Events	3	3	3	3	12	High
City Albany ET1	Plan for Cooling Centers	3	2	3	2	10	High
City Albany MH4	Generators at Shelters and Heating/Cooling Centers	3	1	2	3	9	Medium
City Albany ET2	Urban Heat Island Effect Mitigation Strategy	3	2	3	2	10	High
City Albany MH5	Normans Kill Long-Term Maintenance Plan	2	3	3	3	11	High
City Albany MH6	Normans Kill Landslide Drill(s)	3	3	3	3	12	High
City Albany MH7	Emergency Action Plan and Task Force	3	3	3	2	11	High

Mitigation Action ID	Mitigation Action Name	Ability to Increase Resilience	Economic Feasibility	Low Environmental Impact	Ability to Implement	Total Score	Priority
City Albany F8	Vulnerability Assessment and Flood Protection for Critical Facilities	2	1	2	2	7	Medium
City Albany MH8	Increase Resilience at Municipal Facilities and Key Assets	2	1	2	2	7	Medium

Note: Feasibility/effectiveness is rated as follows: 1 = Poor, 2 = Moderate, 3 = Good. Priority is determined as follows based on total score: 4-6 = Low, 7-9 = Medium, 10-12 = High.

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7.4 Mitigation Action Implementation and Administration

The City's new mitigation actions will be implemented and administered via the lead agencies listed in Table 7-2 of this annex, using the timeframes, prioritization, and funding sources in Sections 7.2 and 7.3 as a guide. Further details about implementation of mitigation actions for all jurisdictions in Albany County, as well as a description of funding sources, are described in Sections 9 and 10 of the main body of the HMP.

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8 ADDITIONAL PUBLIC INVOLVEMENT

Public input was solicited to guide the development of the HMP through two public information meetings and a community survey. A summary of the findings of these outreach activities can be found in Section 3 of the main body of the HMP. The City of Albany may continue to seek public participation in hazard mitigation planning after HMP approval by including discussion of the HMP as an agenda item at public Albany Common Council meetings and by offering opportunities for members of the public to participate in the implementation of relevant mitigation actions.

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