NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 18. The horizontal datum was NAD 83, GRS 1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services NOAA, N/NGS12 National Geodetic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

Base map information shown on this FIRM was derived from multiple sources, including the New York State Office of Cyber Security & Critical Infrastructure Coordination, and the USDA's Farm Service Agency, Aerial Photography Field Office, dated 2015.

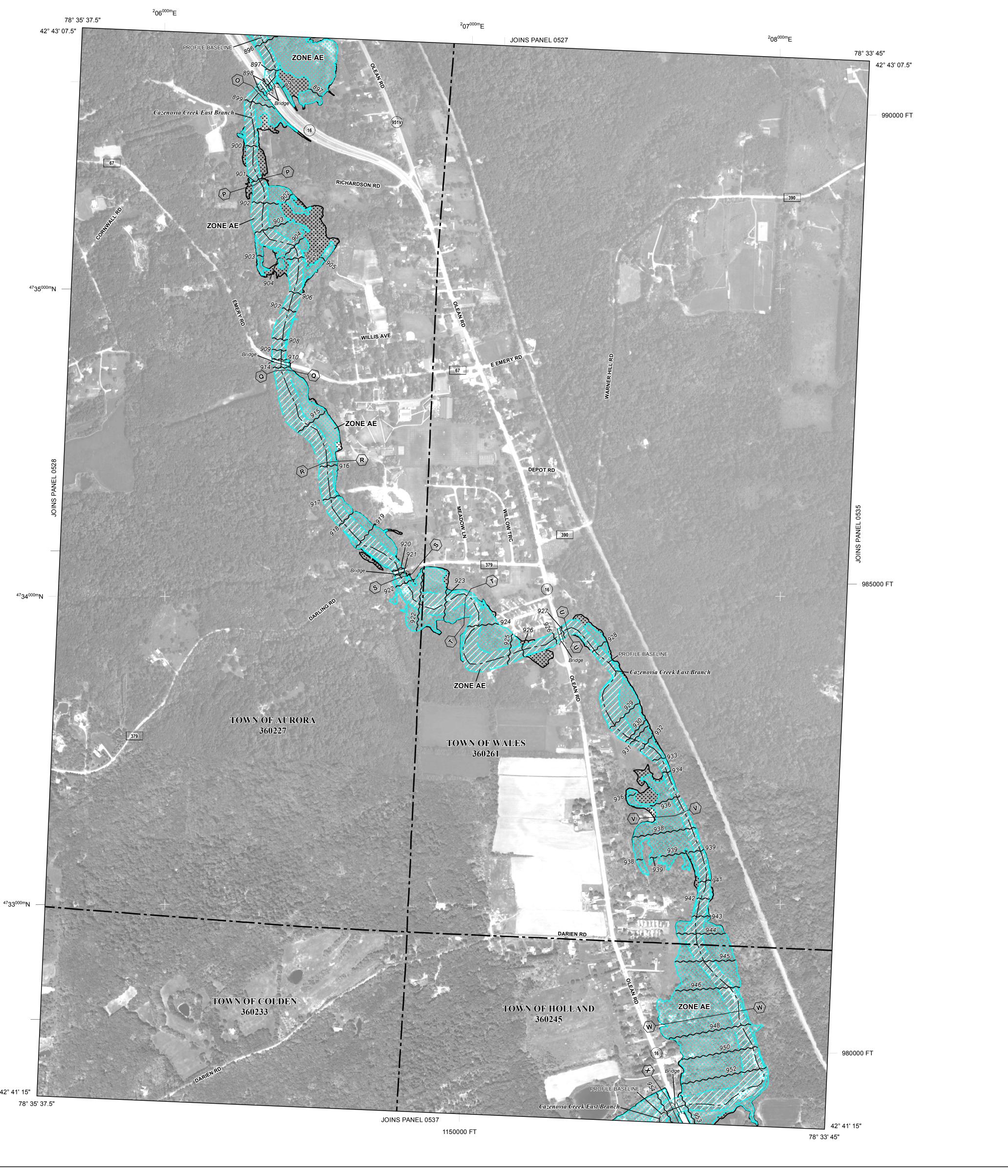
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to confirm to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have ccurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the **Map Service Center (MSC)** website at <u>http://msc.fema.gov</u>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products, or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip.



42° 41' 15"

LEGEND SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.			
ZONE A		Flood Elevations determined.	
ZONE AE ZONE AH	Base Flood Elevations determined. Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations		
ZONE AO	determin Flood dep	determined. Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average	
ZONE AR	depths determined. For areas of alluvial fan flooding, velocities also determined. Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide		
ZONE A99	protection Area to b	n from the 1% annual chance or greater flood. e protected from 1% annual chance flood by a Federal flood	
ZONE V	protection Coastal fl	n system under construction; no Base Flood Elevations determined. ood zone with velocity hazard (wave action); no Base Flood Elevations	
ZONE VE	determin Coastal fl	ed. ood zone with velocity hazard (wave action); Base Flood Elevations	
	determin		
	is the channel of	of a stream plus any adjacent floodplain areas that must be kept free of annual chance flood can be carried without substantial increases in	
· · · · · · · · · · · · · · · · · · ·	OTHER FLOOD AREAS		
ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood. OTHER AREAS		
ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.		
ZONE D	Areas in which flood hazards are undetermined, but possible.		
$\overline{\overline{)}}$	COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS		
	OTHERWISE PROTECTED AREAS (OPAs)		
CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.			
		1% Annual Chance Floodplain Boundary 0.2% Annual Chance Floodplain Boundary	
		Floodway boundary	
	••••	Zone D boundary CBRS and OPA boundary	
~~~ 513 ·		Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities. Base Flood Elevation line and value; elevation in feet*	
(EL 987		Base Flood Elevation value where uniform within zone; elevation in feet*	
*Referenced to	o the North Am	erican Vertical Datum of 1988	
A	—(A)	Cross section line	
23	23	Transect line Culvert	
	/	Culvert Bridge	
45° 02' 08", 93° 02' 12"		Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere	
3100000 FT		5000-foot ticks: New York State Plane West Zone (FIPS Zone 3103), Transverse Mercator projection	
⁴⁹ 89 ^{000m} №	Ν	1000-meter Universal Transverse Mercator grid values, zone 18	
DX5510	×	Bench mark (see explanation in Notes to Users section of this FIRM panel)	
●M1.5		River Mile MAP REPOSITORIES Refer to Map Repositories list on Map Index	
		EFFECTIVE DATE OF COUNTYWIDE	
FLOOD INSURANCE RATE MAP EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL			
For community map revision history prior to countywide mapping, refer to the Community			
Map History table located in the Flood Insurance Study report for this jurisdiction.			
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.			
		<u>ШНЉШ</u> MAP SCALE 1'' = 500'	
	250	0 500 1000	
	150	0 150 300	
		PANEL 0529H	
		FIRM	
		FLOOD INSURANCE RATE MAP	
		ERIE COUNTY,	
		(ALL JURISDICTIONS)	
		(SEE MAP INDEX FOR FIRM PANEL LAYOUT)	
		(SEE MAP INDEX FOR FIRM PANEL LAYOUT)	
		COMMUNITY NUMBER PANEL SUFFIX   AURORA, TOWN OF 360227 0529 H	
		AURORA, TOWN OF 360227 0529 H   COLDEN, TOWN OF 360233 0529 H   HOLLAND, TOWN OF 360245 0529 H	
		WALES, TOWN OF 360243 0329 H	
		<b>Proof Panel 6/29/2018</b>	
		PRELIMINARY 12/31/2009	
		Notice to User: The Map Number shown below	
		should be used when placing map orders; the <b>Community Number</b> shown above should be	
		used on insurance applications for the subject community.	
		MAP NUMBER	
		36029C0529H	
		EFFECTIVE DATE	
		Federal Emergency Management Agency	
		Federal Emergency Management Agency	