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NGS Information Services
NOAA NINGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, MD 20910-3282

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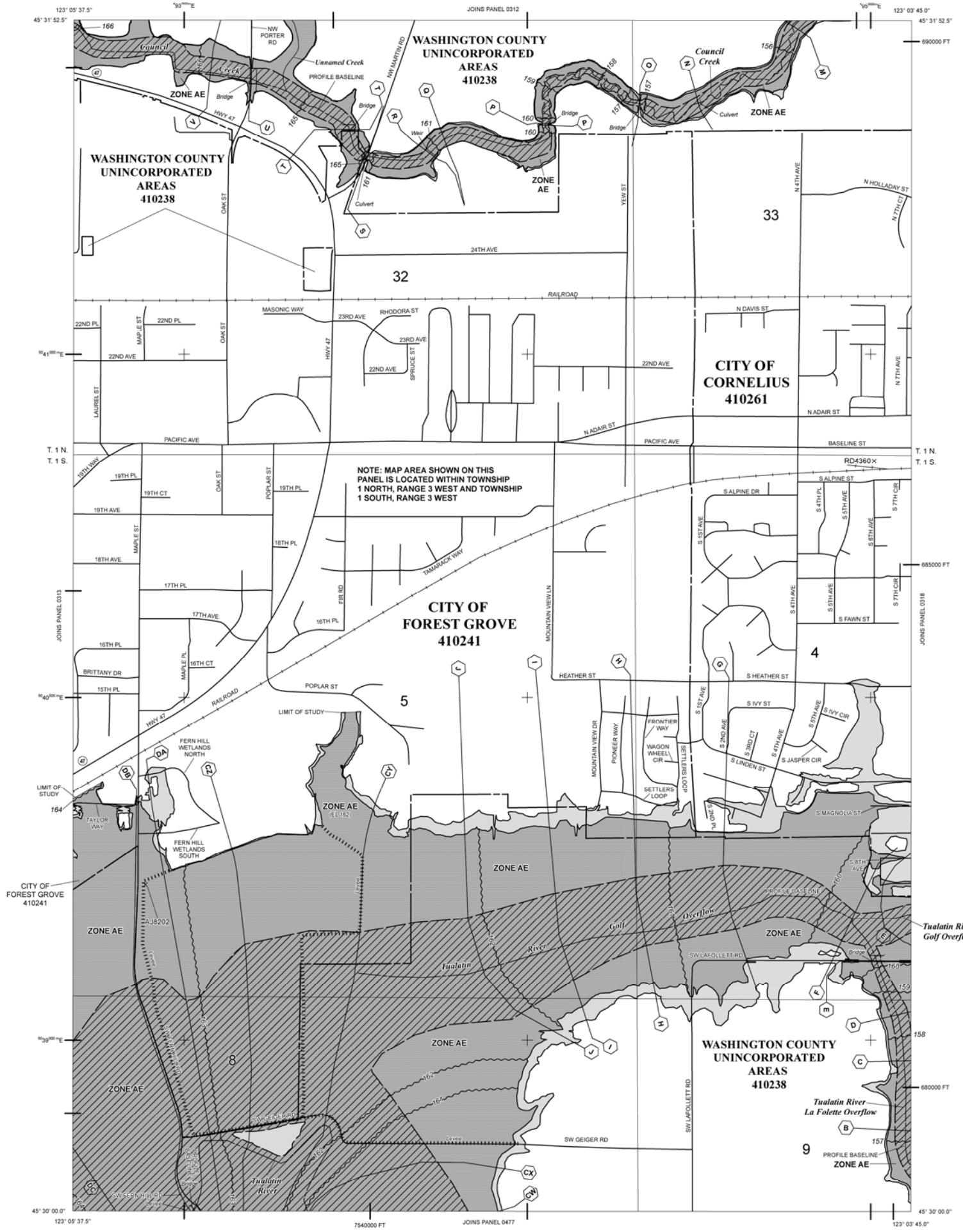
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LEGEND

- 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 equalled 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, V, and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.
- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Area of special hazard formerly protected from the 1% annual chance flood event by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance of greater flood event.
- ZONE AV9** Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE
- The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- 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.
- 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
- 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 978)
- Base Flood Elevation value where uniform within zone; elevation in feet *
(EL 978)
- * Referenced to the North American Vertical Datum of 1988
- Cross section line
- Transect line
- Geographic coordinates referenced to North American Datum of 1983 (NAD 83)
97°10'30.5" 32°10'30.5"
- 1000-meter Universal Transverse Mercator grid values, zone 10
600000 FT
- 5000-foot grid ticks: Oregon State Plane coordinate system, North zone (FIPSZONE 3601), Lambert Conformal Conic projection
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
MGS510
- River Mile
- Aqueduct, Culvert, Flume, Penstock, or Storm Sewer
- Road or Railroad Bridge
- MAP REPOSITORY
- Refer to listing of Map Repositories on Map Index.
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
November 4, 2016
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0314E

FIRM
FLOOD INSURANCE RATE MAP
WASHINGTON COUNTY,
OREGON
AND INCORPORATED AREAS

PANEL 314 OF 650
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

COMMUNITY	NUMBER	PANEL	SUFFIX
CORNELIUS, CITY OF	410261	0314	E
FOREST GROVE, CITY OF	410241	0314	E
WASHINGTON COUNTY	410238	0314	E

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
41067C0314E

EFFECTIVE DATE
NOVEMBER 4, 2016

Federal Emergency Management Agency

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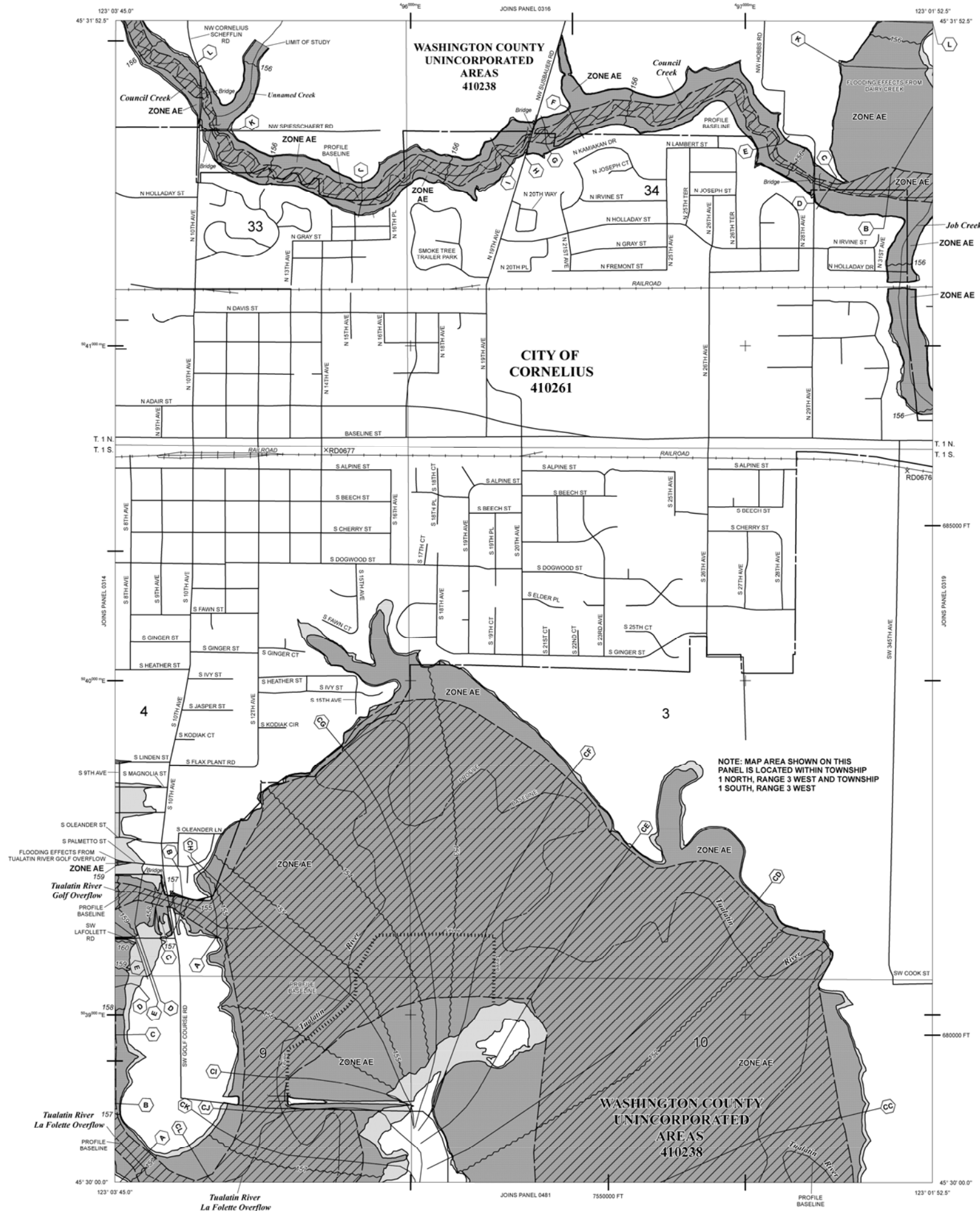
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NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 1 NORTH, RANGE 3 WEST AND TOWNSHIP 1 SOUTH, RANGE 3 WEST

LEGEND

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Refer to listing of Map Repositories on Map Index
- EFFECTIVE DATE OF GUNTERWIDE FLOOD INSURANCE RATE MAP
November 4, 2018
- 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.
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NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0318E

FIRM
FLOOD INSURANCE RATE MAP
WASHINGTON COUNTY,
OREGON
AND INCORPORATED AREAS

PANEL 318 OF 650
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS	COMMUNITY	NUMBER	PANEL	SUFFIX
	CORNELIUS, CITY OF	410261	0318	E
	WASHINGTON COUNTY	410238	0318	E

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MAP NUMBER
41067C0318E

EFFECTIVE DATE
NOVEMBER 4, 2018

Federal Emergency Management Agency

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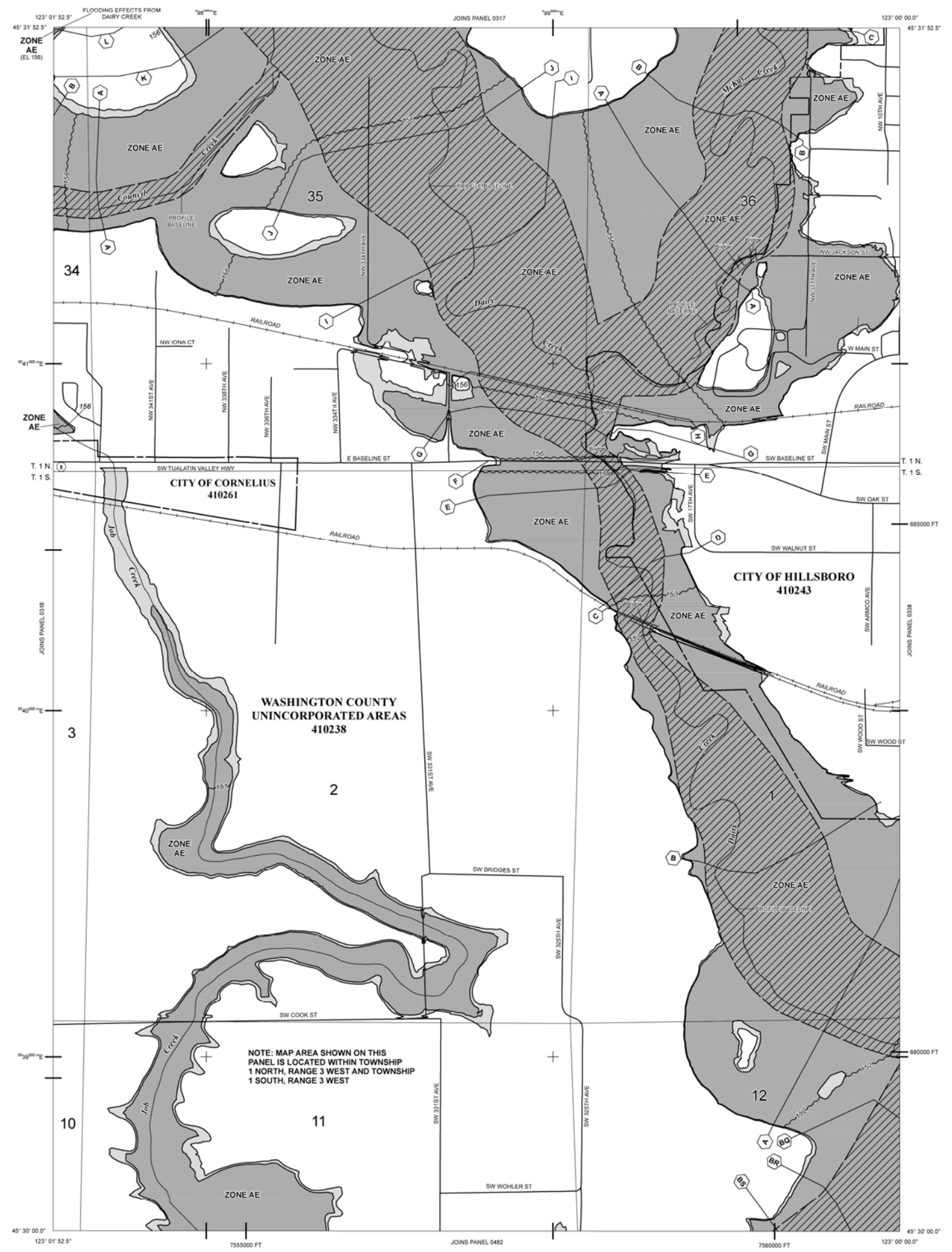
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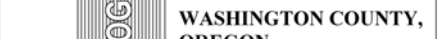
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- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP November 4, 2016
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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MAP SCALE 1" = 500'



PANEL 0319E

FIRM
FLOOD INSURANCE RATE MAP
WASHINGTON COUNTY,
OREGON
AND INCORPORATED AREAS

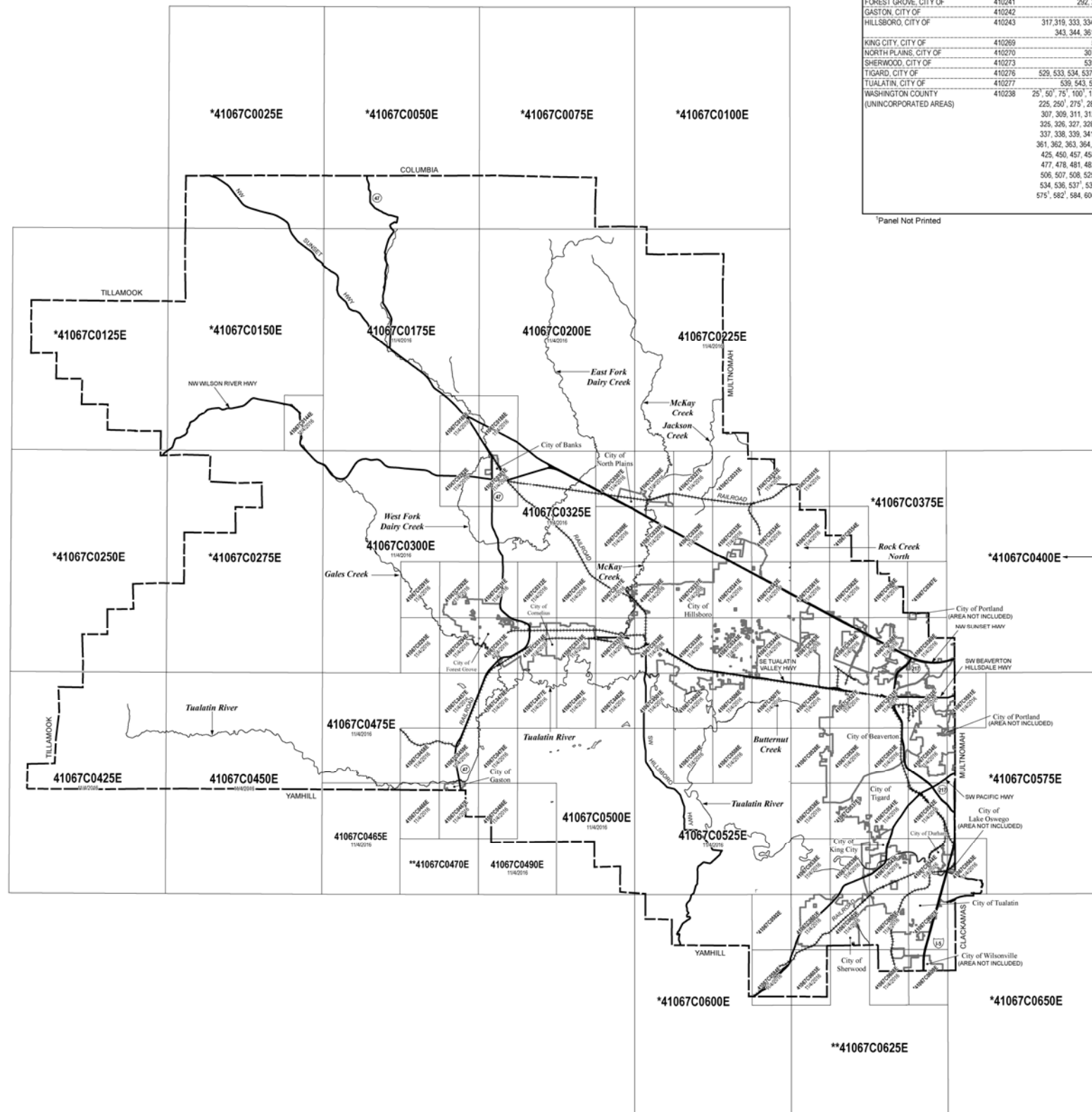
PANEL 319 OF 650
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

COMMUNITY	NUMBER	PANEL	SUFFIX
CORNELIUS, CITY OF	410201	0319	E
HILLSBORO, CITY OF	410243	0319	E
WASHINGTON COUNTY	410238	0319	E

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MAP NUMBER
41067C0319E
EFFECTIVE DATE
NOVEMBER 4, 2016

Federal Emergency Management Agency



LISTING OF COMMUNITIES

COMMUNITY NAME	COMMUNITY NUMBER	LOCATED ON PANEL(S)	INITIAL NFIP MAP DATE	INITIAL FIRM DATE	MOST RECENT FIRM PANEL DATE
BANKS, CITY OF	410239	301	November 4, 2016	November 4, 2016	November 4, 2016
BEAVERTON, CITY OF	410240	361, 362, 363, 364, 366, 369, 400, 526, 527, 528	February 1, 1974	September 28, 1984	November 4, 2016
CORNELIUS, CITY OF	410261	529, 531, 532, 533, 534, 536, 537, 551, 575	November 5, 1976	January 6, 1982	November 4, 2016
DURHAM, CITY OF	410263	314, 315, 319	November 12, 1976	January 6, 1982	November 4, 2016
FOREST GROVE, CITY OF	410241	544	March 1, 1974	March 15, 1982	November 4, 2016
GASTON, CITY OF	410242	292, 294, 311, 313, 314	July 5, 1982	July 5, 1982	November 4, 2016
HILLSBORO, CITY OF	410243	459, 467	April 12, 1974	May 17, 1982	November 4, 2016
KING CITY, CITY OF	410269	317, 319, 333, 334, 336, 337, 338, 339, 341, 342, 343, 344, 361, 363, 501, 502, 506, 507	February 18, 2005	February 18, 2005	November 4, 2016
NORTH PLAINS, CITY OF	410270	539, 541, 543	July 16, 1976	April 1, 1982	November 4, 2016
SHERWOOD, CITY OF	410273	307, 309, 326, 328	August 13, 1976	January 6, 1982	November 4, 2016
TIGARD, CITY OF	410276	529, 533, 534, 537, 541, 542, 543, 544, 563, 575	February 14, 1978	March 1, 1982	November 4, 2016
TUALATIN, CITY OF	410277	539, 543, 544, 563, 606, 607, 650	May 20, 1977	February 17, 1982	November 4, 2016
WASHINGTON COUNTY (UNINCORPORATED AREAS)	410238	25, 50, 75, 100, 125, 144, 150, 169, 175, 188, 200, 225, 250, 275, 282, 291, 292, 293, 294, 300, 301, 307, 309, 311, 312, 313, 314, 316, 317, 318, 319, 325, 326, 327, 328, 329, 331, 332, 333, 334, 336, 337, 338, 339, 341, 342, 343, 344, 351, 353, 354, 361, 362, 363, 364, 366, 367, 368, 369, 375, 400, 425, 450, 457, 458, 459, 465, 466, 467, 475, 476, 477, 478, 481, 482, 486, 490, 500, 501, 502, 504, 506, 507, 508, 526, 528, 527, 528, 529, 531, 532, 534, 536, 537, 538, 539, 541, 543, 544, 551, 563, 575, 582, 584, 600, 601, 602, 603, 606, 607, 608, 609, 650	January 24, 1975	September 30, 1982	November 4, 2016

*Panel Not Printed

MAP DATES

This FIRM Index displays the map date for each FIRM panel at the time that this index was printed. Because this index may not be distributed to unaffected communities in subsequent revisions, users may determine the current map date for each FIRM panel by visiting the FEMA Map Service Center (MSC) website at <http://msc.fema.gov> or by calling the MSC via the FEMA Map Information eXchange (FMX) at 1-877-336-2627.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Map Service Center at the number listed above.

NOTE TO USERS

Future revisions to this FIRM Index will only be issued to communities that are located on FIRM panels being revised. This FIRM Index therefore remains valid for FIRM panels dated November 4, 2016 or earlier. Please refer to the "MOST RECENT FIRM PANEL DATE" column in the Listing of Communities table to determine the most recent FIRM index date for each community.

ELEVATION DATUM

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, NIMS12
 National Geodetic Survey
 SSMC-3 #9202
 1315 East-West Highway
 Silver Spring, Maryland 20910-3282
 (301) 713-3242
 (301) 713-4172 (fax)

BASE MAP SOURCE

Base map information shown on this FIRM was derived from multiple sources. Base map files were provided in digital format by the Metro Data Resources Center. This information was compiled from many local sources and includes transportation features, water features, political boundaries, and Public Land Survey System features.

MAP REPOSITORIES

- (Maps available for reference only, not for distribution)
- BANKS, CITY OF**
 City Administrative Offices
 13680 Northwest Main Street
 Banks, Oregon 97106
 - BEAVERTON, CITY OF**
 Community Development Department
 4755 Southwest Griffith Drive
 Beaverton, Oregon 97005
 - CORNELIUS, CITY OF**
 Planning Department
 1300 South Kodiak Circle
 Cornelius, Oregon 97113
 - DURHAM, CITY OF**
 City Hall
 17160 Southwest Upper Boones Ferry Road
 Durham, Oregon 97224
 - FOREST GROVE, CITY OF**
 City Hall
 1924 Council Street
 Forest Grove, Oregon 97116
 - GASTON, CITY OF**
 City Hall
 116 Front Street
 Gaston, Oregon 97119
 - HILLSBORO, CITY OF**
 City Hall
 150 East Main Street
 Hillsboro, Oregon 97123
 - KING CITY, CITY OF**
 City Hall
 15300 Southwest 116th Avenue
 King City, Oregon 97224
 - NORTH PLAINS, CITY OF**
 City Hall
 31360 Northwest Commercial Street
 North Plains, Oregon 97133
 - SHERWOOD, CITY OF**
 City Hall
 22560 Southwest Pine Street
 Sherwood, Oregon 97140
 - TIGARD, CITY OF**
 City Hall
 13125 Southwest Hall Boulevard
 Tigard, Oregon 97223
 - TUALATIN, CITY OF**
 City Hall
 18880 Southwest Martinazzi Avenue
 Tualatin, Oregon 97062
 - WASHINGTON COUNTY (Unincorporated Areas)**
 County Public Services Building
 155 North First Avenue
 Suite 350
 Hillsboro, Oregon 97124

MAP INDEX

FIRM FLOOD INSURANCE RATE MAP WASHINGTON COUNTY, OREGON AND INCORPORATED AREAS (SEE LISTING OF COMMUNITIES TABLE)

MAP INDEX

PANELS PRINTED : 144, 169, 175, 188, 200, 225, 282, 291, 292, 293, 294, 300, 301, 307, 309, 311, 312, 313, 314, 316, 317, 318, 319, 325, 326, 327, 328, 329, 332, 333, 334, 336, 337, 338, 339, 341, 342, 343, 344, 351, 353, 361, 362, 363, 364, 366, 368, 369, 425, 450, 457, 458, 459, 465, 466, 467, 475, 476, 477, 478, 481, 482, 486, 490, 500, 501, 502, 504, 506, 507, 508, 526, 527, 529, 531, 532, 533, 534, 536, 538, 539, 541, 542, 543, 544, 551, 563, 584, 601, 602, 603, 606, 608

MAP NUMBER 41067CIND0A

EFFECTIVE DATE NOVEMBER 4, 2016

Federal Emergency Management Agency

* PANEL NOT PRINTED - NO SPECIAL FLOOD HAZARD AREAS
 ** PANEL NOT PRINTED - AREA OUTSIDE COUNTY BOUNDARY