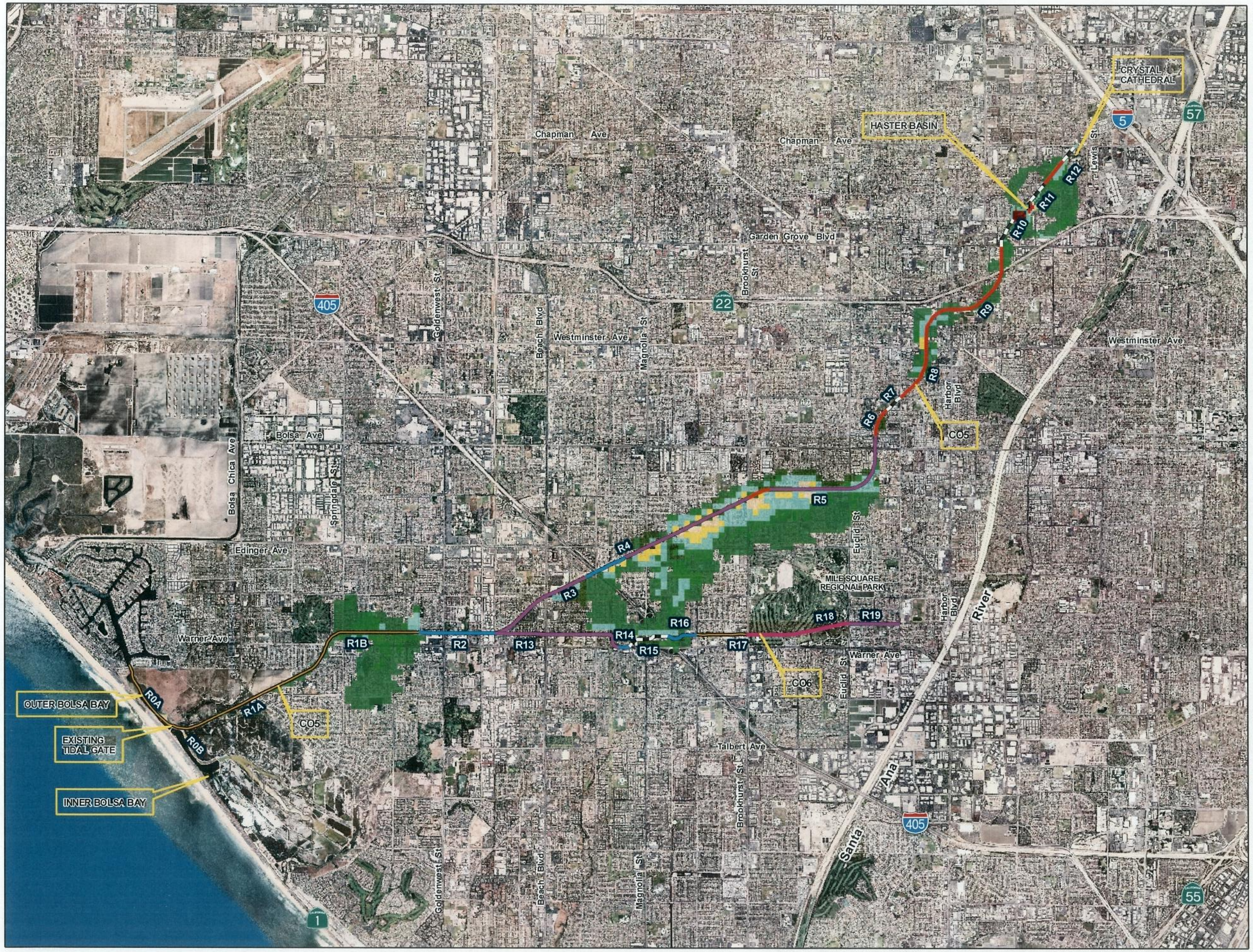

Legend

- Earthen Trapezoidal
- Grass Trapezoidal with Pilot Channel
- Riprap Trapezoidal
- Concrete Trapezoidal
- Concrete Covered Conduit
- Concrete Rectangular

FLO-2D Flow Depth (ft) 25-Yr Event Failure Var

- 0.010 - 0.500
- 0.501 - 1.000
- 1.001 - 3.000
- 3.001 - 5.000
- 5.001 - 8.000
- 8.001 - 15.000
- 15.001 - 19.230

N

0 1 2 Miles

1 in = 1 miles

March 15, 2011

WESTMINSTER FEASIBILITY STUDY

PLATE D-1
25-Yr FLO-2D
Floodplain Map
Baseline Conditions Without Haster Basin Improvements

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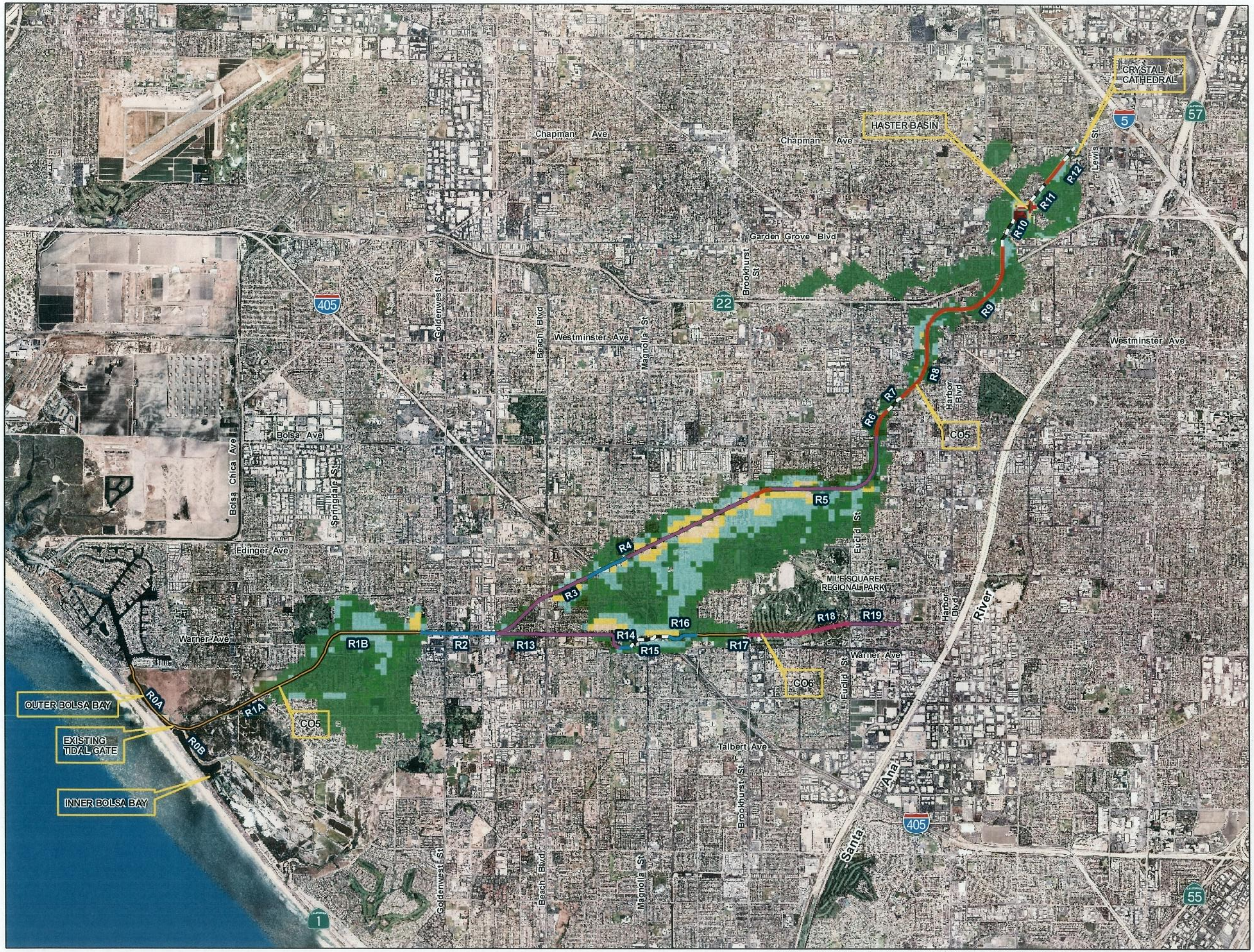

Legend

- Earthen Trapezoidal
- Grass Trapezoidal with Pilot Channel
- Riprap Trapezoidal
- Concrete Trapezoidal
- Concrete Covered Conduit
- Concrete Rectangular

FLO-2D Flow Depth (ft) 50-Yr Event Failure Var

- 0.010 - 0.500
- 0.501 - 1.000
- 1.001 - 3.000
- 3.001 - 5.000
- 5.001 - 8.000
- 8.001 - 15.000
- 15.001 - 20.210

0 1 2 Miles

1 in = 1 miles

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WESTMINSTER FEASIBILITY STUDY

PLATE D-2
50-Yr FLO-2D
Floodplain Map
Baseline Conditions Without Haster Basin Improvements

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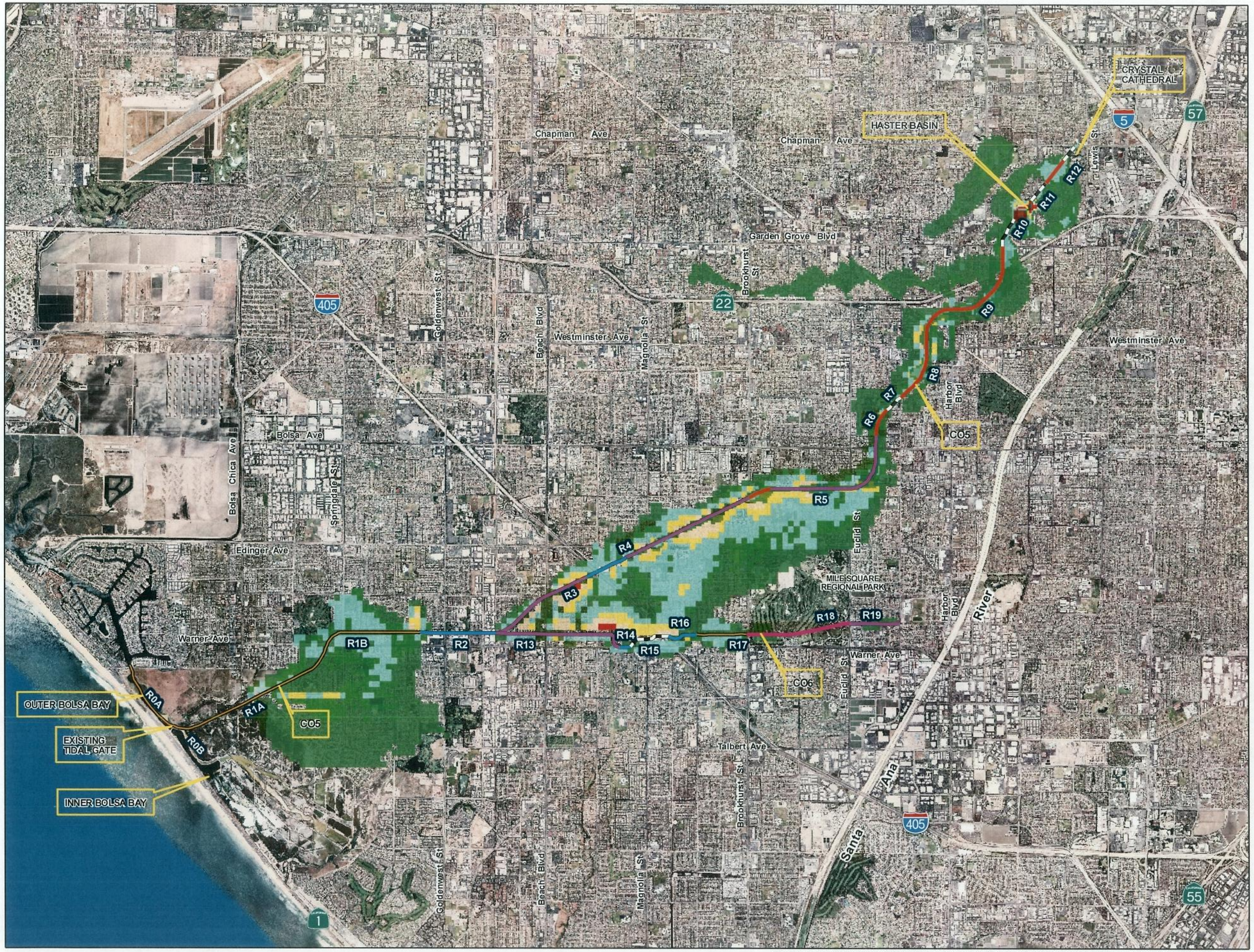

Legend

- Earthen Trapezoidal
- Grass Trapezoidal with Pilot Channel
- Riprap Trapezoidal
- Concrete Trapezoidal
- Concrete Covered Conduit
- Concrete Rectangular

FLO-2D Flow Depth (ft) 100-Yr Event Failure Var

- 0.010 - 0.500
- 0.501 - 1.000
- 1.001 - 3.000
- 3.001 - 5.000
- 5.001 - 8.000
- 8.001 - 15.000
- 15.001 - 20.500

N

0 1 2 Miles

1 in = 1 miles

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WESTMINSTER FEASIBILITY STUDY

PLATE D-3
100-Yr FLO-2D
Floodplain Map
Baseline Conditions Without Haster Basin Improvements

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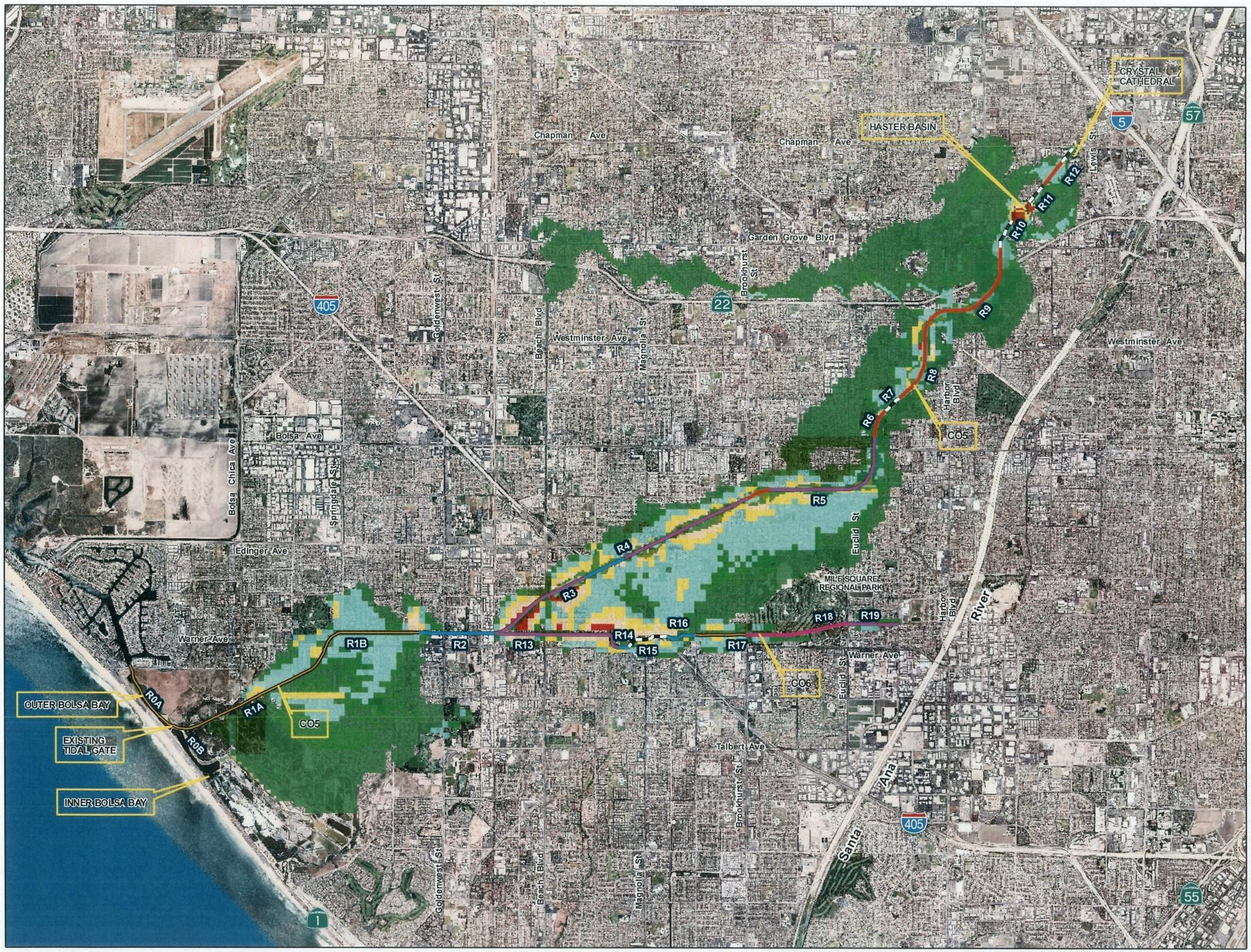

Legend

- Earthen Trapezoidal
- Grass Trapezoidal with Pilot Channel
- Riprap Trapezoidal
- Concrete Trapezoidal
- Concrete Covered Conduit
- Concrete Rectangular

FLO-2D Flow Depth (ft) 200-Yr Event Failure Var

- 0.010 - 0.500
- 0.501 - 1.000
- 1.001 - 3.000
- 3.001 - 5.000
- 5.001 - 8.000
- 8.001 - 15.000
- 15.001 - 21.700

N

0 1 2 Miles

1 in = 1 miles

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WESTMINSTER FEASIBILITY STUDY

PLATE D-4
200-Yr FLO-2D Floodplain Map
Baseline Conditions Without Haster Basin Improvements

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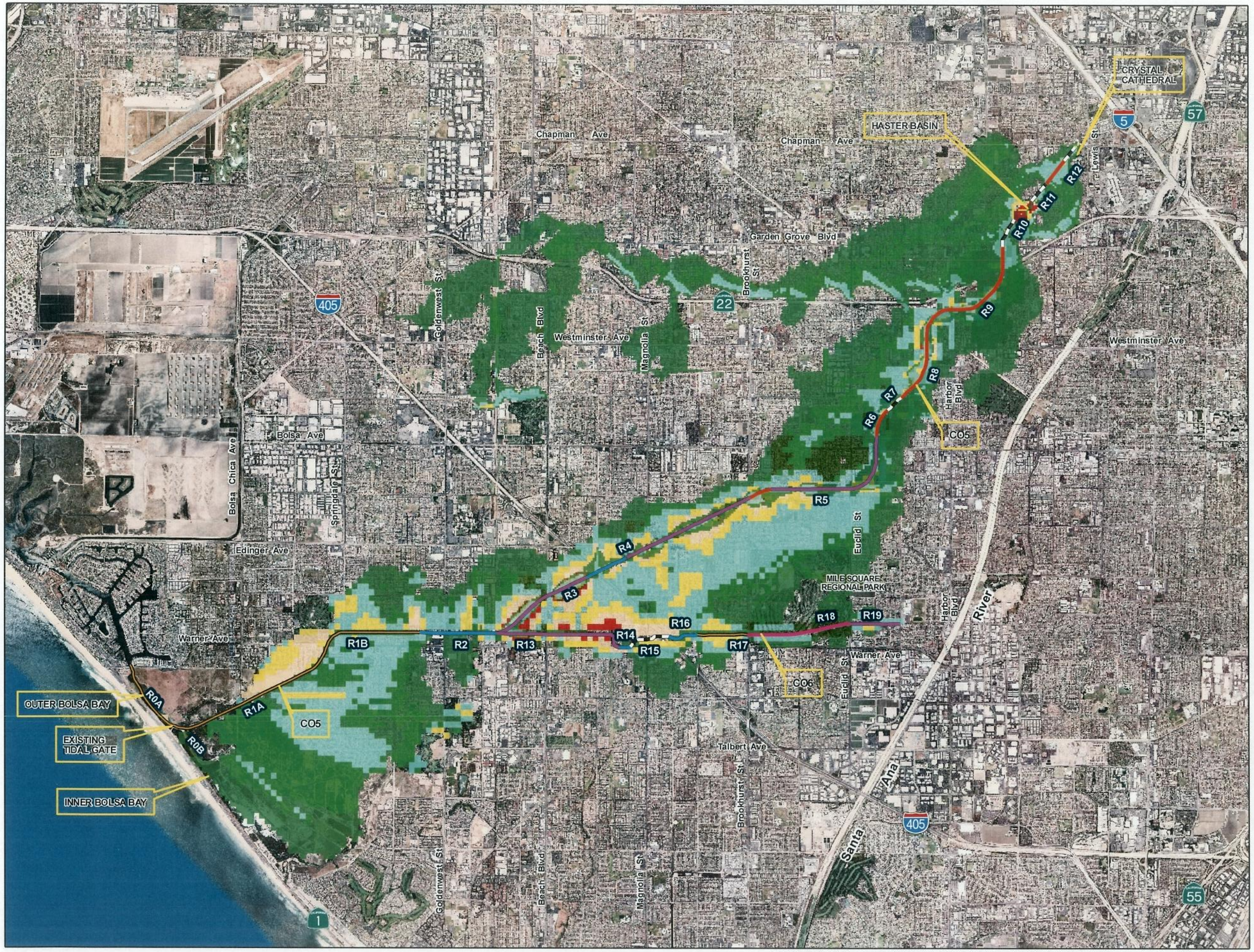

Legend

- Earthen Trapezoidal
- Grass Trapezoidal with Pilot Channel
- Riprap Trapezoidal
- Concrete Trapezoidal
- Concrete Covered Conduit
- Concrete Rectangular

FLO-2D Flow Depth (ft) 500-Yr Event Failure Var

- 0.010 - 0.500
- 0.501 - 1.000
- 1.001 - 3.000
- 3.001 - 5.000
- 5.001 - 8.000
- 8.001 - 15.000
- 15.001 - 22.120

0 1 2 Miles

1 in = 1 miles

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WESTMINSTER FEASIBILITY STUDY

PLATE D-5
500-Yr FLO-2D
Floodplain Map
Baseline Conditions Without Haster Basin Improvements

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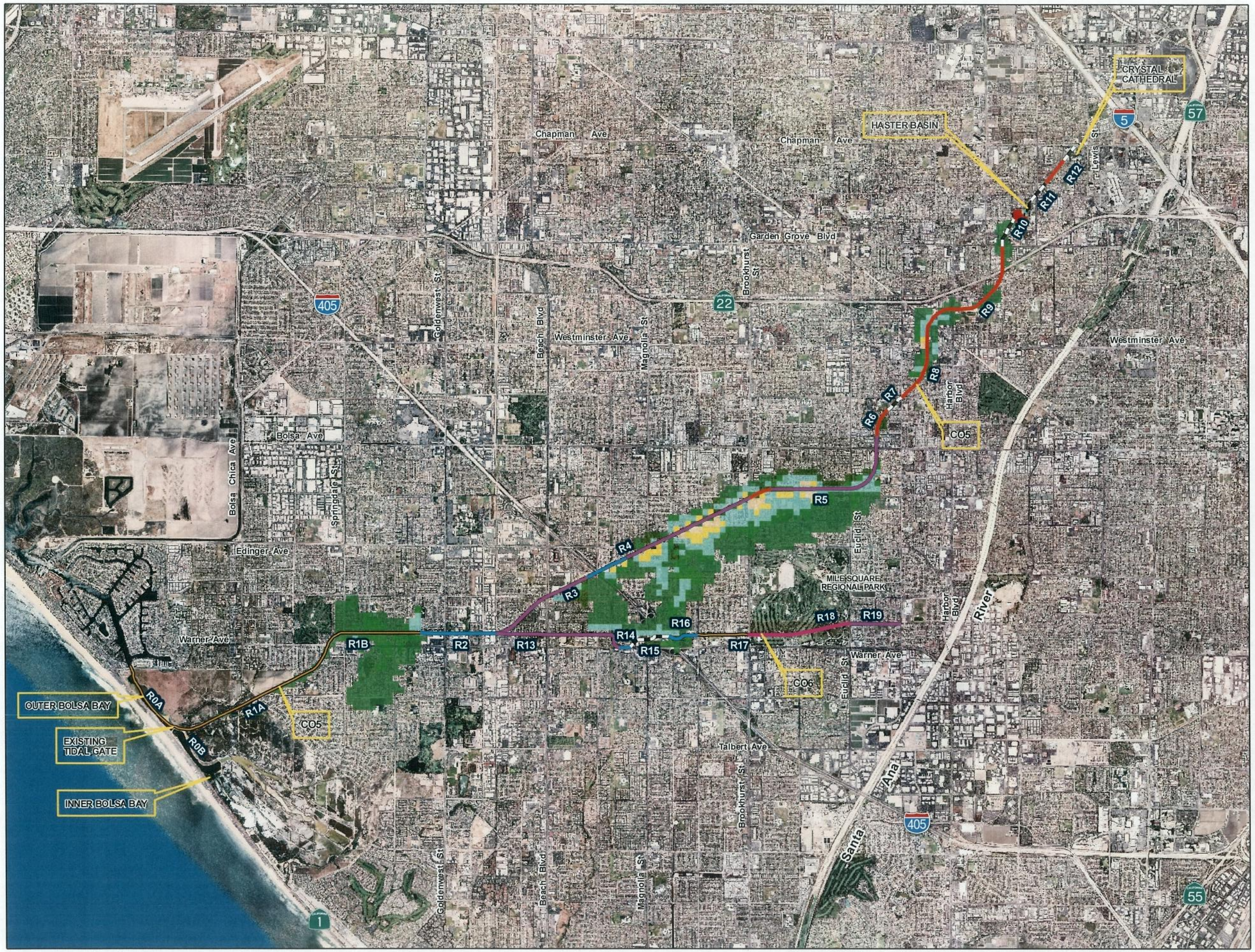

Legend

- Earthen Trapezoidal
- Grass Trapezoidal with Pilot Channel
- Riprap Trapezoidal
- Concrete Trapezoidal
- Concrete Covered Conduit
- Concrete Rectangular

FLO-2D Flow Depth (ft) 25-Yr Event Failure Var

- 0.010 - 0.500
- 0.501 - 1.000
- 1.001 - 3.000
- 3.001 - 5.000
- 5.001 - 8.000
- 8.001 - 8.640

0 1 2 Miles

1 in = 1 miles

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WESTMINSTER FEASIBILITY STUDY

PLATE E-1
25-Yr FLO-2D
Floodplain Map
Baseline Conditions With Haster Basin Improvements

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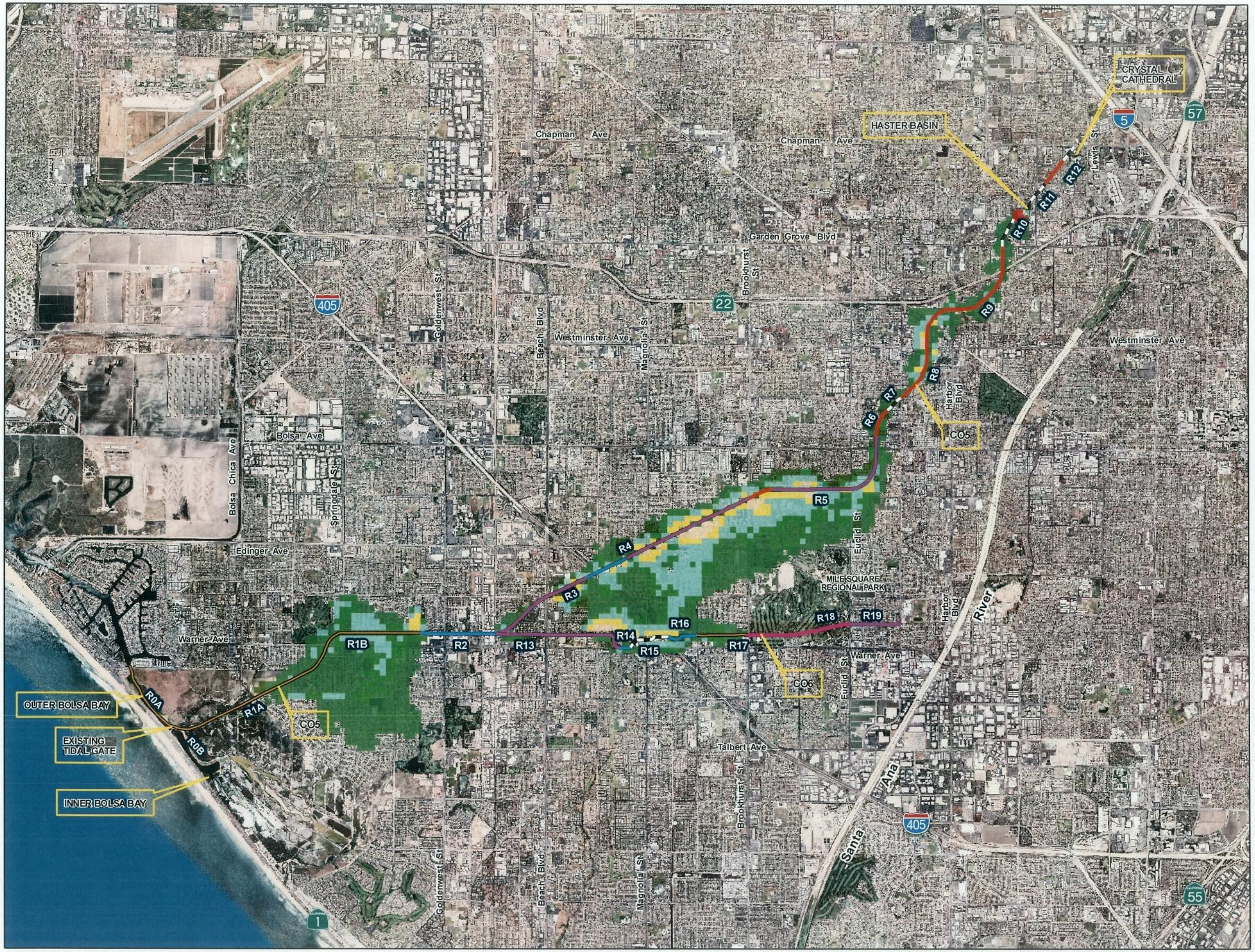

Legend

- Earthen Trapezoidal
- Grass Trapezoidal with Pilot Channel
- Riprap Trapezoidal
- Concrete Trapezoidal
- Concrete Covered Conduit
- Concrete Rectangular

FLO-2D Flow Depth (ft) 50-Yr Event Failure Var

- 0.010 - 0.500
- 0.501 - 1.000
- 1.001 - 3.000
- 3.001 - 5.000
- 5.001 - 8.000
- 8.001 - 13.070

0 1 2 Miles

1 in = 1 miles

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WESTMINSTER FEASIBILITY STUDY

PLATE E-2
50-Yr FLO-2D
Floodplain Map
Baseline Conditions With Haster Basin Improvements

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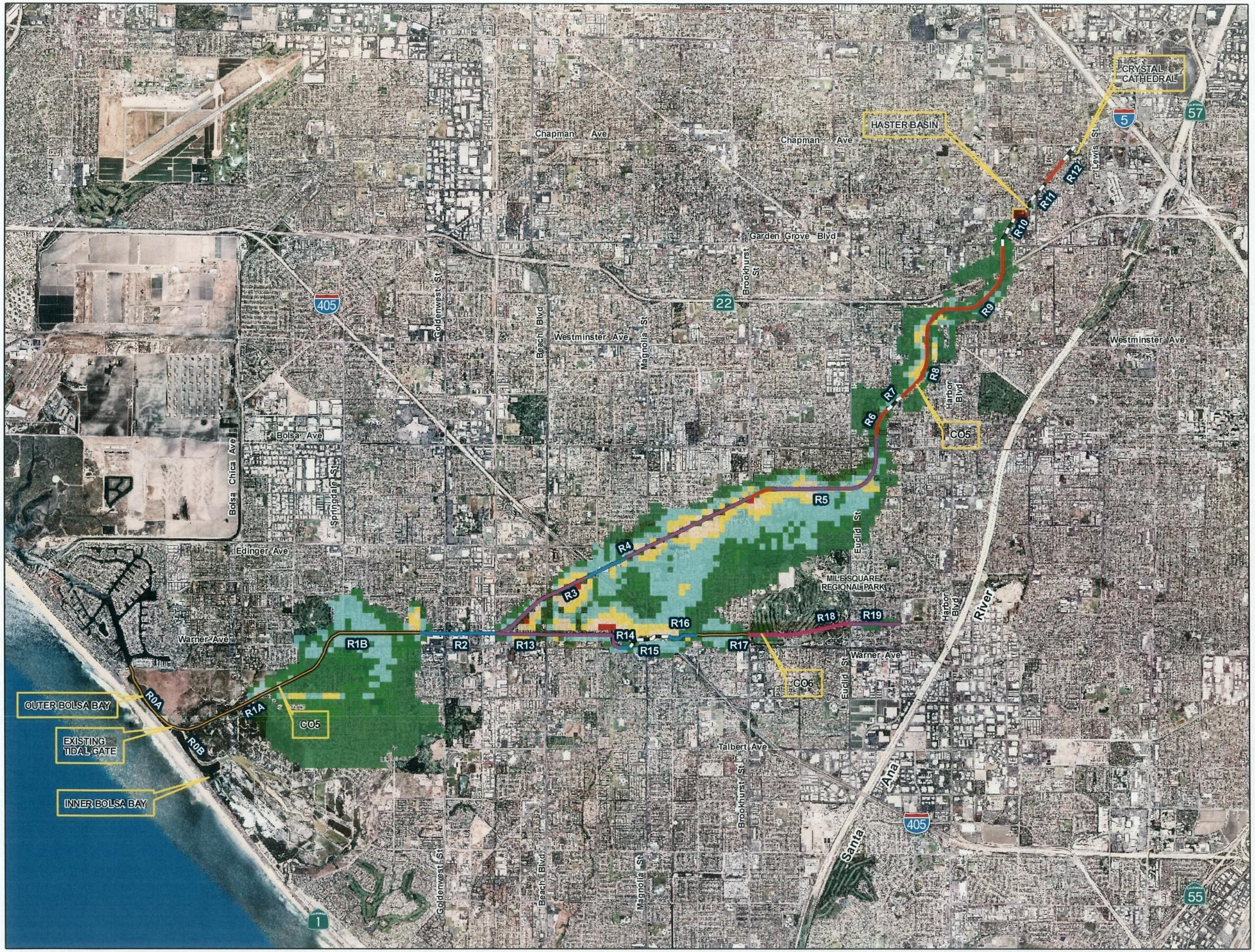

Legend

- Earthen Trapezoidal
- Grass Trapezoidal with Pilot Channel
- Riprap Trapezoidal
- Concrete Trapezoidal
- Concrete Covered Conduit
- Concrete Rectangular

FLO-2D Flow Depth (ft) 100-Yr Event Failure Var

- 0.010 - 0.500
- 0.501 - 1.000
- 1.001 - 3.000
- 3.001 - 5.000
- 5.001 - 8.000
- 8.001 - 15.000
- 15.001 - 18.990

N

0 1 2 Miles

1 in = 1 miles

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WESTMINSTER FEASIBILITY STUDY

PLATE E-3
100-Yr FLO-2D Floodplain Map
Baseline Conditions With Haster Basin Improvements

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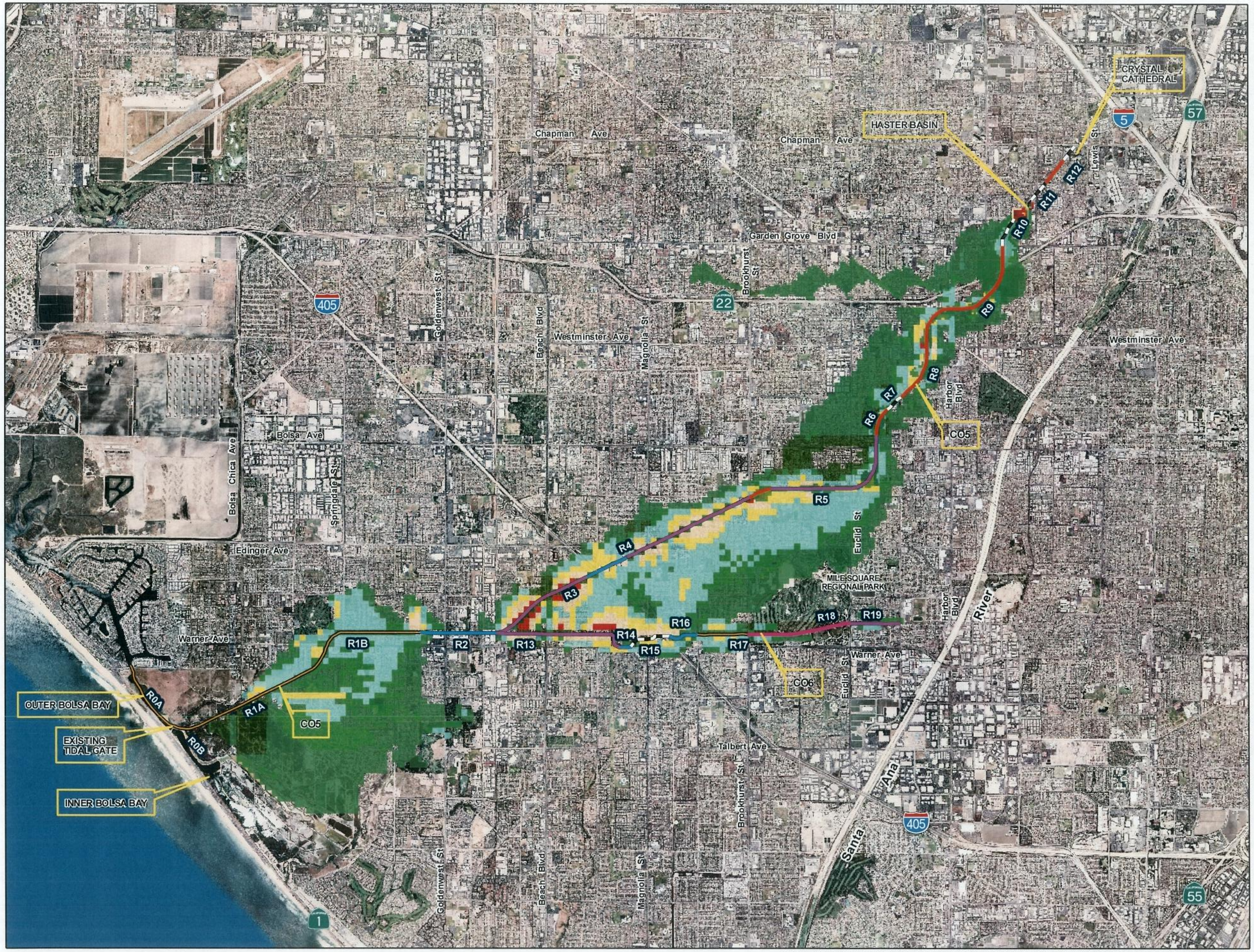

Legend

- Earthen Trapezoidal
- Grass Trapezoidal with Pilot Channel
- Riprap Trapezoidal
- Concrete Trapezoidal
- Concrete Covered Conduit
- Concrete Rectangular

FLO-2D Flow Depth (ft) 200-Yr Event Failure Var

- 0.010 - 0.500
- 0.501 - 1.000
- 1.001 - 3.000
- 3.001 - 5.000
- 5.001 - 8.000
- 8.001 - 15.000
- 15.001 - 23.680

N

0 1 2 Miles

1 in = 1 miles

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WESTMINSTER FEASIBILITY STUDY

PLATE E-4
200-Yr FLO-2D
Floodplain Map
Baseline Conditions With Haster Basin Improvements

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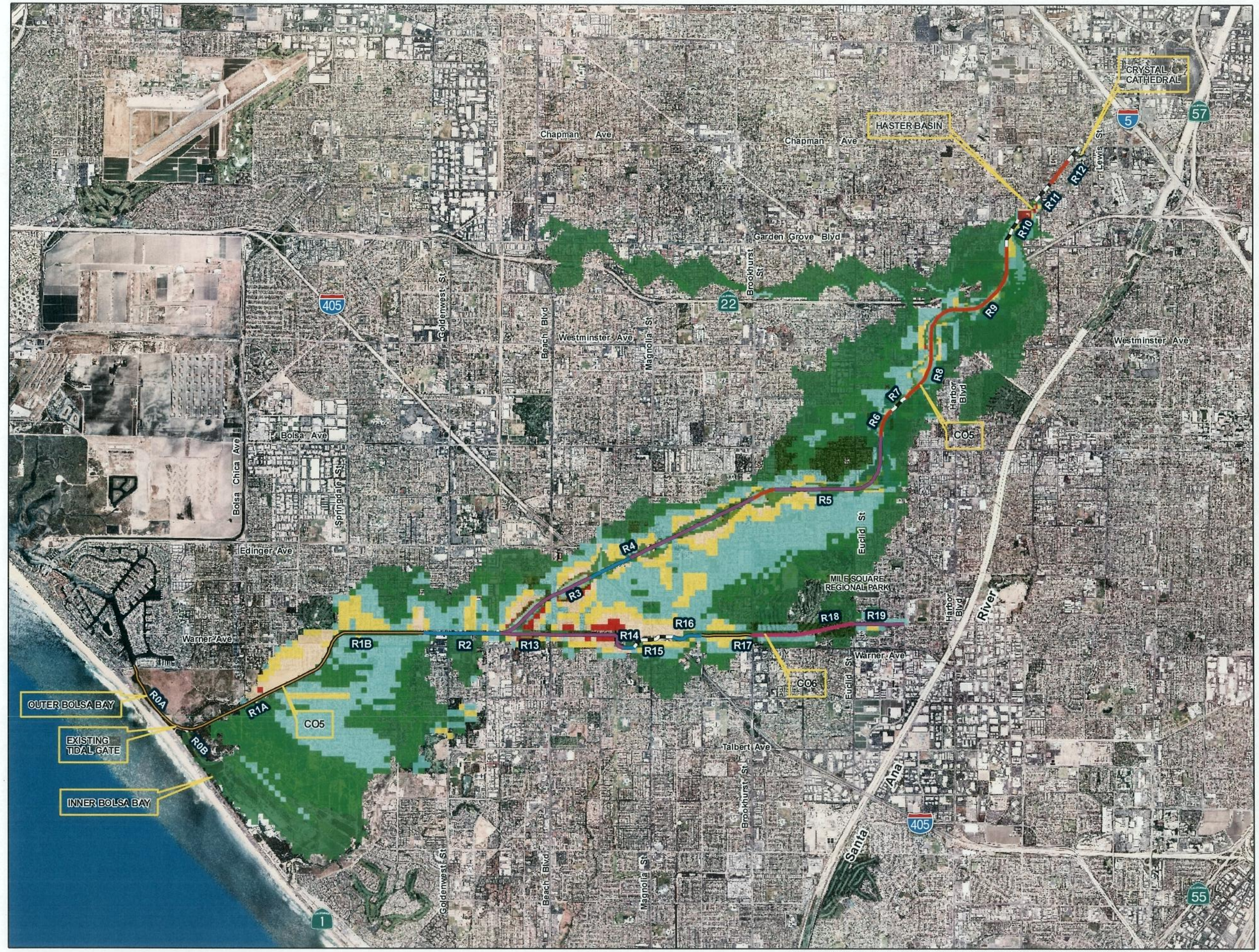

Legend

- Earthen Trapezoidal
- Grass Trapezoidal with Pilot Channel
- Riprap Trapezoidal
- Concrete Trapezoidal
- Concrete Covered Conduit
- Concrete Rectangular

FLO-2D Flow Depth (ft) 500-Yr Event Failure Var

- 0.010 - 0.500
- 0.501 - 1.000
- 1.001 - 3.000
- 3.001 - 5.000
- 5.001 - 8.000
- 8.001 - 15.000
- 15.001 - 32.360

N

0 1 2 Miles

1 in = 1 miles

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WESTMINSTER FEASIBILITY STUDY

PLATE E-5
500-Yr FLO-2D
Floodplain Map
Baseline Conditions With Haster Basin Improvements

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