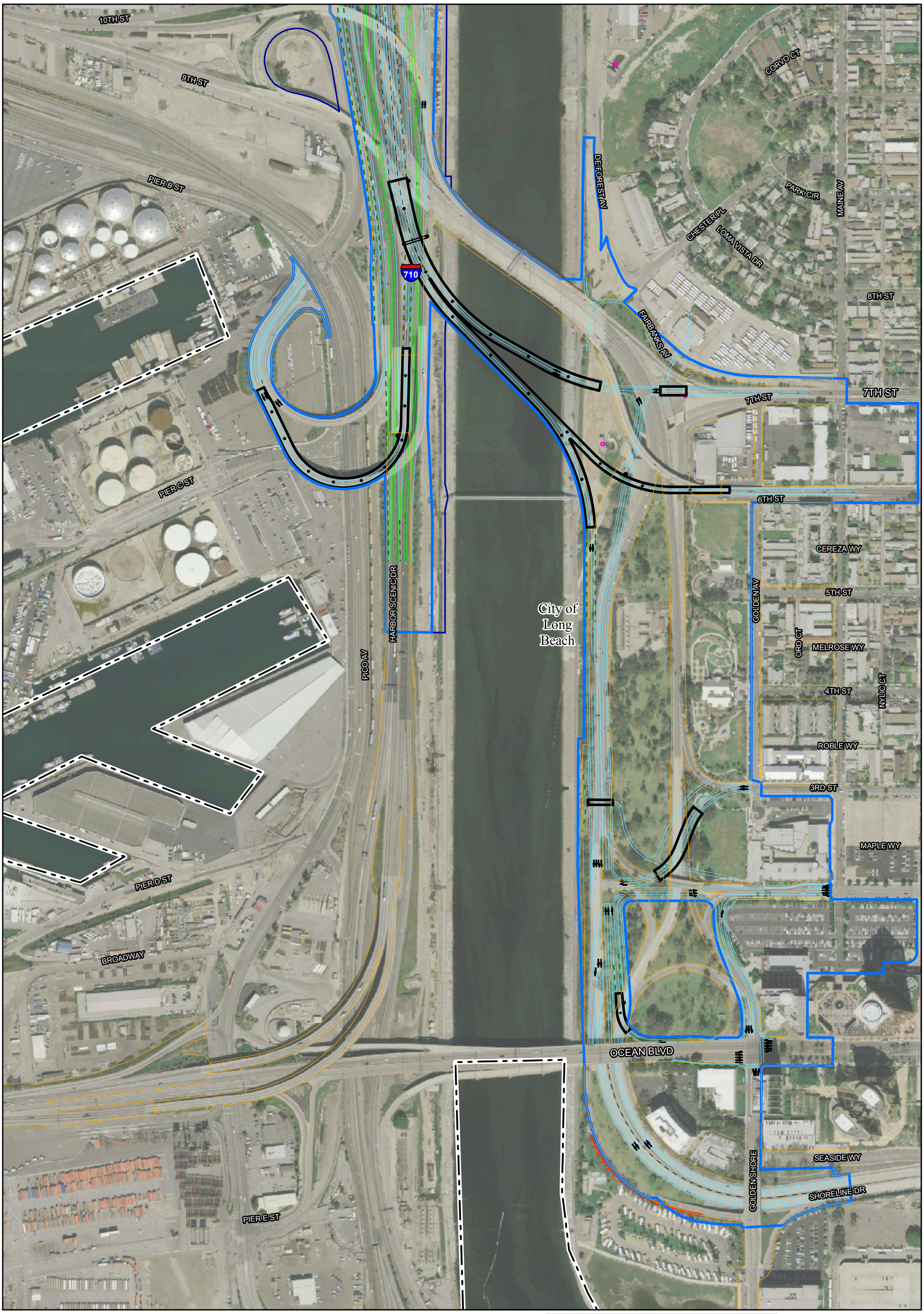
Appendix O CONCEPT PLANS

This page intentionally left blank



Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 1 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

21ST ST
BALTIC AV
DELTA AV
EASY AV
GALE AV
20TH ST
FASHION AV
SUMMIT ST
GOLDEN AV
MAINE AV
19TH ST
PARADE ST
CASPIAN AV
ESTHER ST
17TH ST
City of
Long Beach
HARBOR AV
16TH ST
710
GAYLORD ST
SAN FRANCISCO AV
OREGON AV
15TH ST
COWLES ST
14TH ST
ANAHEIM ST
ANAHEIM ST
DEFOREST AV
12TH ST
11TH ST
10TH ST
9TH ST
LOMA VISTA DR

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 2 of 24

I-710 Corridor Project
EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

SPRING ST
CANTON ST
29TH ST
28TH ST
COLUMBIA ST
DE FOREST AV
PATTERSON ST
27TH ST
26TH WY
WILLOW ST
25TH WY
City of
Long Beach
CASPIAN AV
DELTA AV
EASY AV
FASHION AV
GOLDEN AV
BALTIC AV
710
25TH ST
OREGON AV
BURNETT ST
SAN FRANCISCO AV
GALE AV
23RD ST
HILL ST
MAINE AV

- Collector/Distributor and Ramp Geometrics
- Mainline Geometrics
- Proposed Bridges and Elevated Structures
- Existing Caltrans and Local Right of Way
- Proposed Right of Way
- TCE
- Future SCE Transmission Corridor
- DWP ROW
- Proposed Retaining Walls
- Potential Sound Barriers
- Potential Sound Barriers under EA#202100
- Potential Oil Field Impacts
- Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

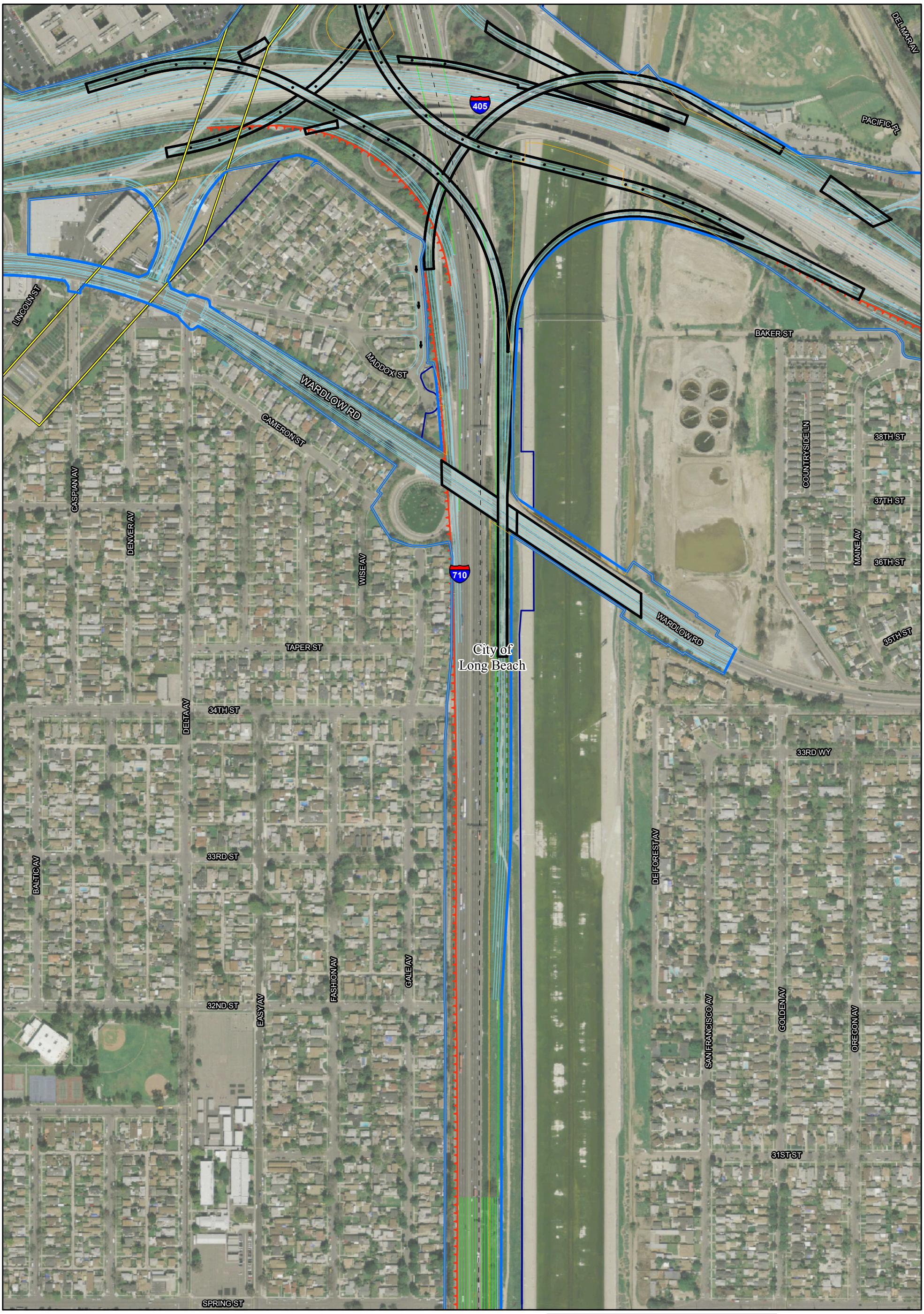
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 3 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

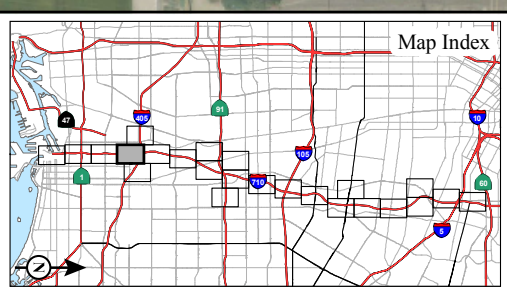
07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET



SOURCE: BING (2009); TBM (2008); URS (5/2011)

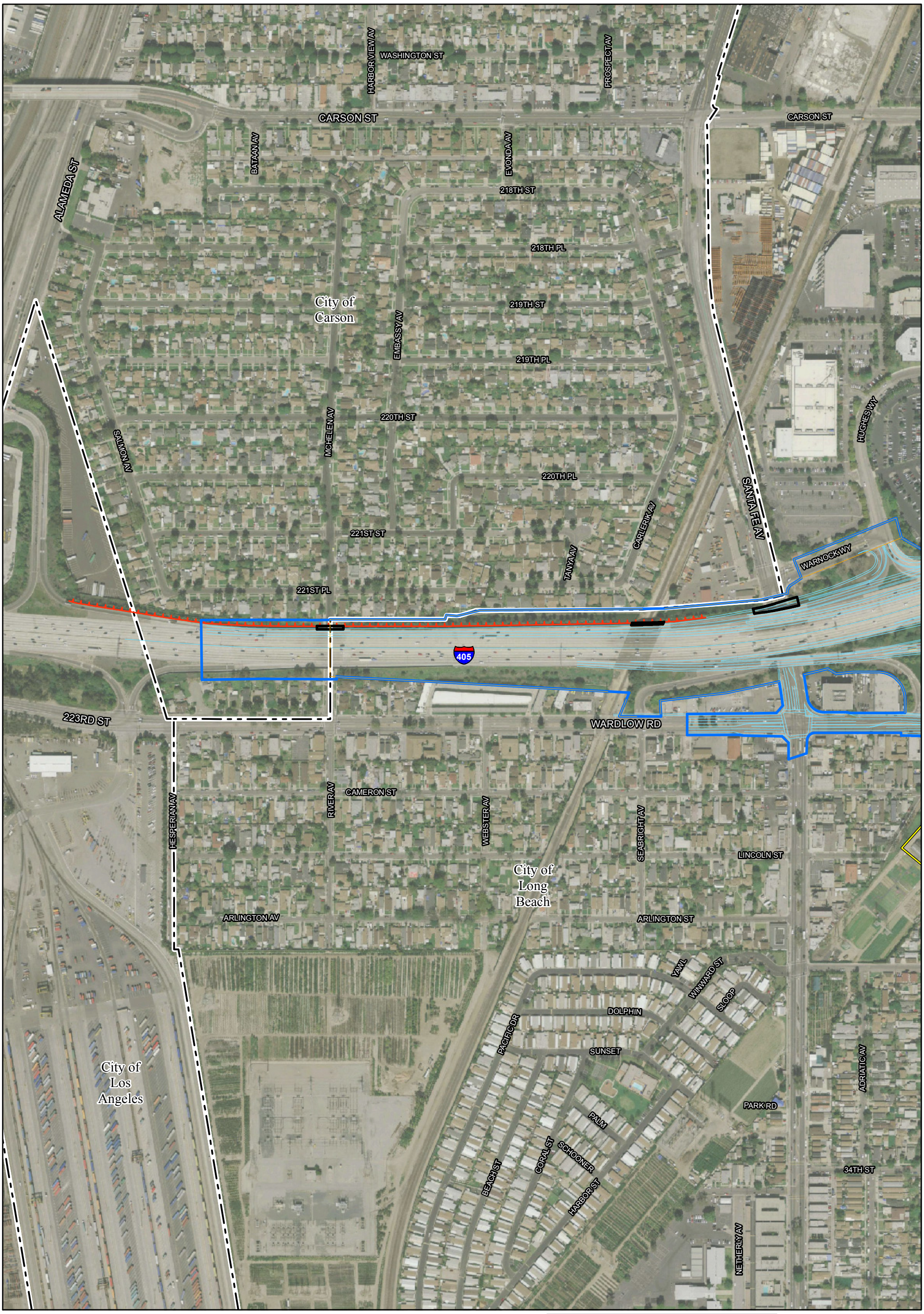
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 4 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



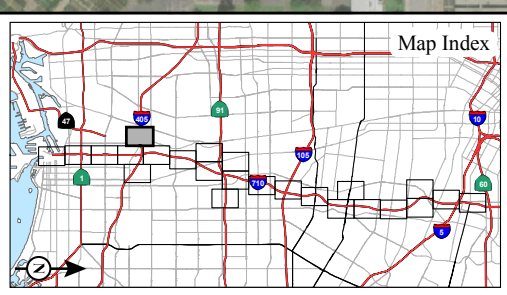
Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)



APPENDIX O
Sheet 5 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

STEWART WY
EDITH WY
TERRYLYNN PL
SAN ANTONIO DR
CHESTNUT AV
CEDAR AV
ROOSEVELT RD
LA LINDA DR
VIRGINIA RD
MARSHALL PL
BIXBY RD
DELMAR AV
COUNTRY CLUB DR
PINE AV
WESTON PL
ELM AV
37TH ST
PACIFIC AV
City of Long Beach
CAMERON PL
LONG BEACH BLVD
39TH ST
COUNTRY CLUB CIR
38TH ST
LOCUST AV
36TH ST
36TH CT
PACIFIC PL
405
35TH ST
MAGNOLIA AV
35TH CT
WARDLOW RD
33RD WY
CREST DR
PASADENA AV
MAINE AV
DAISY AV
33RD ST
EUCALYPTUS AV
PARK LN
PEPPER DR

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

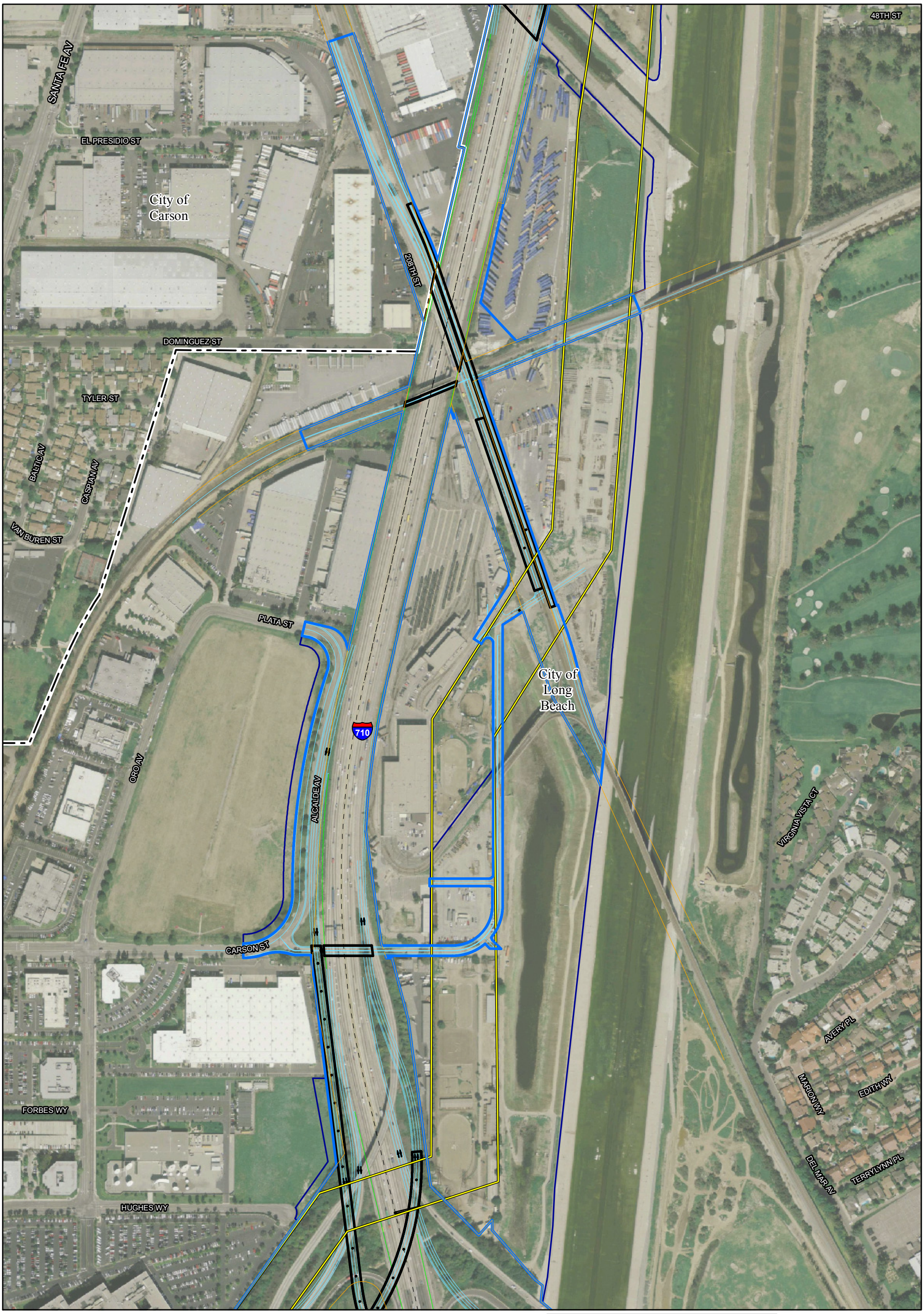
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 6 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 7 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

MARIA ST
REYES AV
SUSANA RD
VAL VERDE CT
PACIFIC COMMERCE DR
710
City of Carson
208TH ST
DEL AMO BLVD
CIR DR
SIDNEY AV
GARY AV
56TH ST
LONG BEACH BLVD
ELLIS ST
1ST ST
2ND ST
3RD ST
4TH ST
5TH ST
LOUISE ST
MARKET ST
PLYMOUTH ST
53RD ST
MOUNTAIN VIEW ST
52ND ST
DELFOREST AV
ZANE ST
City of Long Beach
51ST ST
HOME ST
PACIFIC AV
PLEASANT ST
HOLLY AV
GULF AV
49TH AV
BROOK AV
AGATE AV
OREGON AV
DAISY AV
49TH ST
ARBOR ST

- Collector/Distributor and Ramp Geometrics
- Mainline Geometrics
- Proposed Bridges and Elevated Structures
- Existing Caltrans and Local Right of Way
- Proposed Right of Way
- TCE
- Future SCE Transmission Corridor
- DWP ROW
- Proposed Retaining Walls
- Potential Sound Barriers
- Potential Sound Barriers under EA#202100
- Potential Oil Field Impacts
- Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 8 of 24

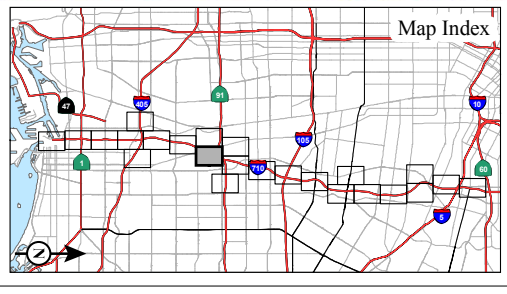
I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

0 200 400
FEET



SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 9 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

SANTA FE AV
ARTESIA BLVD
City of Compton
DELTA AV
HARBOR AV
HILDA ST
FERN ST
BETH ST
LONG BEACH BLVD
91
MONDO
City of Long Beach
FORHAN ST
GALE AV
BORT ST
FENTER AV
ADAMS ST
LAS HERMANAS ST
SCOTT ST
TRAFFORD ST
RAHN AV
HARCOURT ST
SANTA FE AV
SUSANA RD
DAMERON ST
BARCLAY ST
VICTORIA ST
REYES AV
ANA ST
MARIA ST

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 10 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 11 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

71ST ST
70TH WY
70TH ST
INEZ ST
MYRTLE AV
68TH ST
City of Paramount
MILA DR
MERIDIAN DR
C
D
E
G
H
J
LOBIVIA WY
AGAVE WY
PITAYA WY
CIRO WY
PLAID WY
NOLINA WY
STARFIRE WY
INCA WY
SENTA WY
PENFOLD ST
ELEANOR ST
91
ORANGE AV
67TH ST
City of Long Beach
66TH WY
ARTESIA BLVD
GUNDRY AV
GAVIOTA AV
GARDENIA AV
WALNUT AV
FALCON AV
BRAYTON AV
65TH ST
LEWIS AV
CERRITOS AV
ROSE AV
MC KENZIE ST
CALIFORNIA AV
LEMON AV
64TH ST
POINSETTIA ST
63RD ST

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 12 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

CYPRESS ST
LINSLEY ST
CRANE ST
BOWEN AV
WARD AV
HOLLY AV
LOCUST CIR
BULLIS RD
ALONDRA BLVD
POINSETTIA AV
City of Compton
LONG BEACH BLVD
ESSEX AV
ELIZABETH ST
CRANE AV
JOSEPHINE CT
BRADFIELD AV
HARRIS AV
CASTLEGATE AV
MARCELLE ST
TICHENOR ST
CALDWELL ST
PAULINE ST
MURIEL AV
CARESS AV
THORSON AV
DUMA ST
CUZCO AV
SCHINNER ST
TEMPLE AV
WYMORE ST
BENNETT ST
ADANA ST
GLENCOE AV
IVA ST
GREENLEAF BLVD
70TH ST
CORBIN WY
GALLIARD DR
ORLEANS WY
69TH WY
TAYLOR ST
BELHURST AV
69TH ST
FUEGO ST
ORCUTT AV
68TH WY
HEATH ST
City of Long Beach
ELEANOR LN
DELTA AV
HARBOR AV
GALE AV
68TH ST
BUTLER AV
HEATH LN
67TH WY
CUMMINGS LN
CUMMINGS ST
GREER ST
FERN ST
ELLEN ST
DONNA ST
CAROL ST
ALMA ST
67TH ST
HILDA ST
JUNE ST
MARKER LN
KAY ST
GARDNER ST
BETH ST
MARKER ST

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 13 of 24

I-710 Corridor Project EIR/EIS

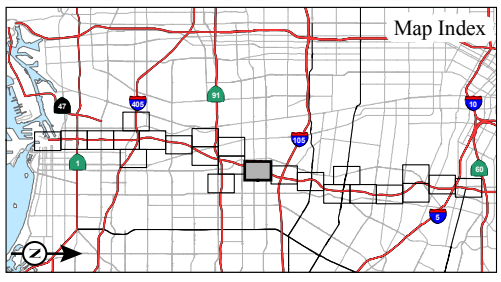
Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET



SOURCE: BING (2009); TBM (2008); URS (5/2011)

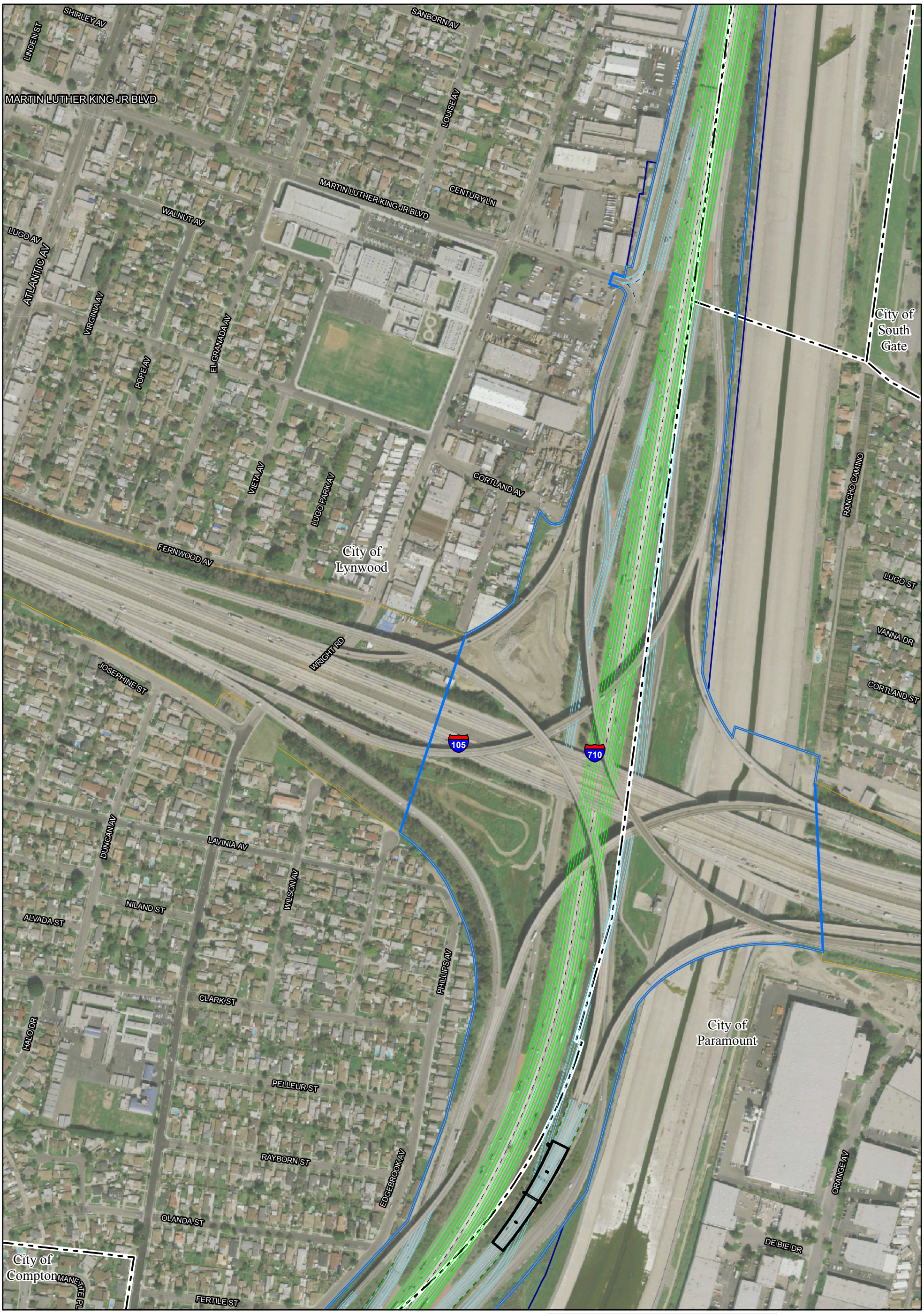
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 14 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

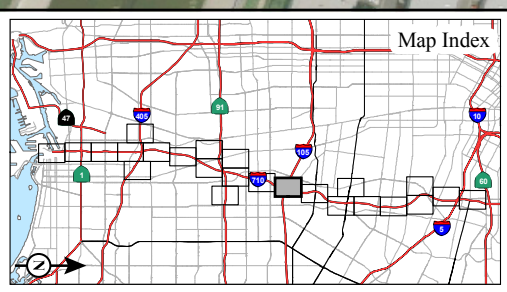
07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET



SOURCE: BING (2009); TBM (2008); URS (5/2011)

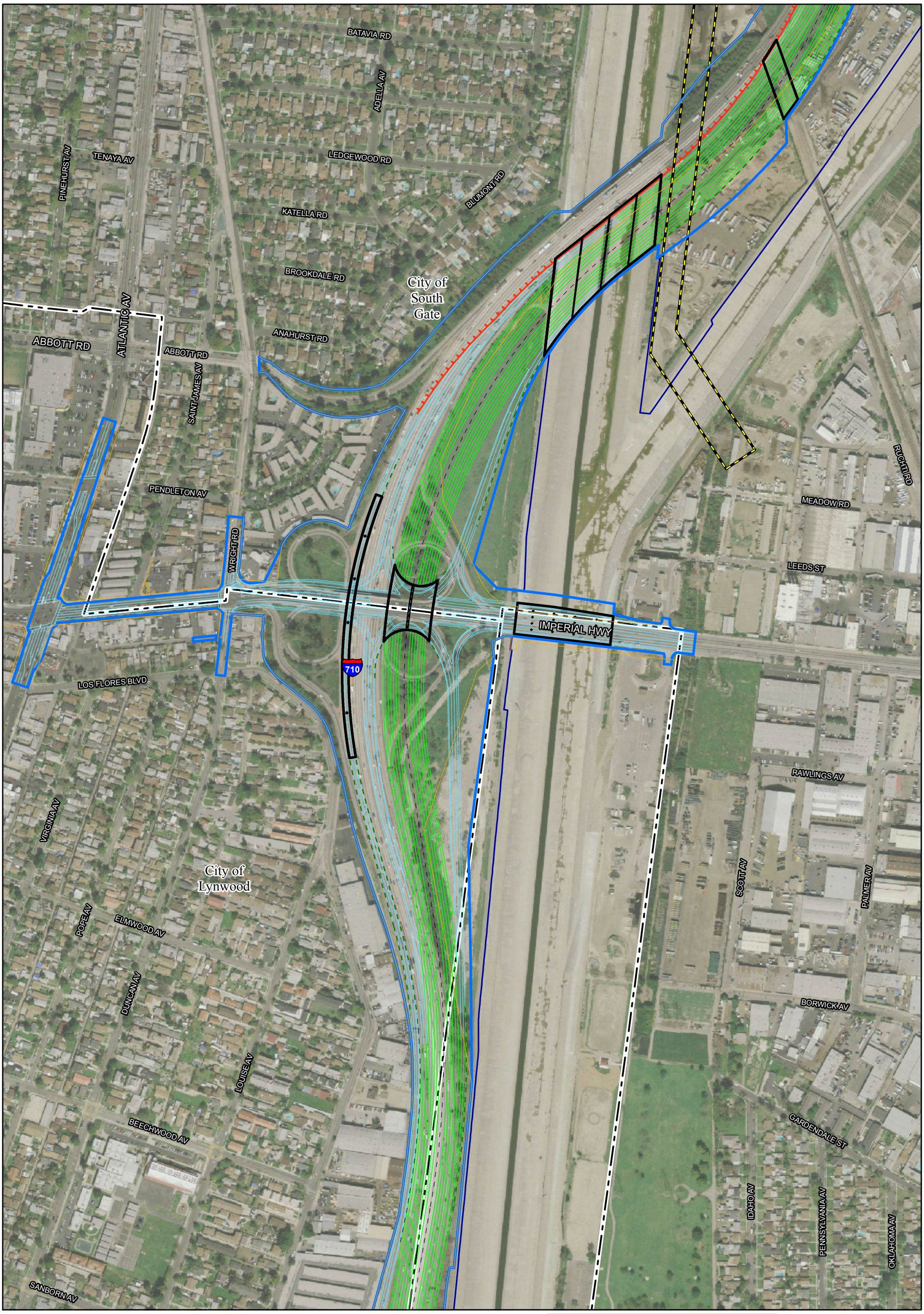
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 15 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O

Sheet 16 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A Concept Plans

07-LA-710- PM 4.9/24.9

EA 249900

REISNER WY
GARFIELD AV
EASTERN AV
City of Bell Gardens
FIRESTONE PL
NATIONAL AV
FIRESTONE BLVD
GARFIELD AV
City of South Gate
710
SOUTHERN AV
FRONTAGE RD
MILLER WY
KARMONT AV
City of Downey
LEE LN

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 17 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE

Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 18 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

CRAFTON AV
CHANSLOR AV
RIVER DR
FLORENCE AV
FLORENCE AV
City of Bell
AJAX AV
LUDELL ST
EASTERN AV
LIVE OAK LN
LIVE OAK ST
PURDY AV
PRIORY ST
WALKER AV
CLARA ST
City of Cudahy
ELIZABETH ST
GALLANT ST
City of Bell Gardens
GOTHAM ST
710
BELL GARDEN AV
PARK AV
RIVER RD
LYNDA LN
SANTA ANA ST
QUINN ST
JABONERIA RD
MULLER ST
CECELIA ST
SPECHT ST
CECILIA ST
FOSTORIA ST
SHULL ST
GARFIELD AV
City of South Gate

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 19 of 24

I-710 Corridor Project EIR/EIS

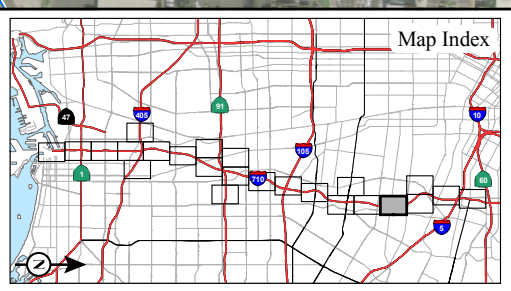
Alternative 5A Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET



SOURCE: BING (2009); TBM (2008); URS (5/2011)

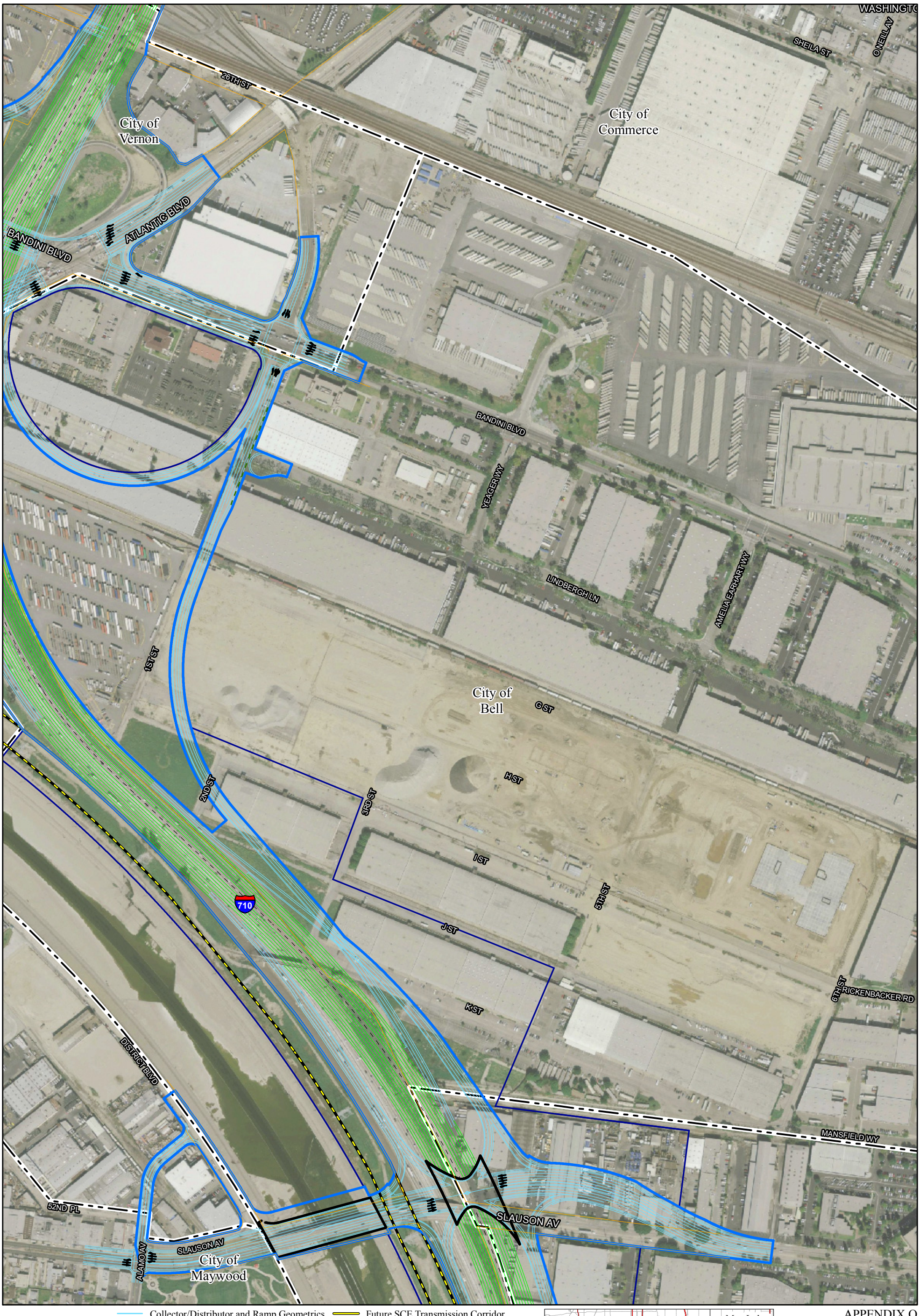
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 20 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

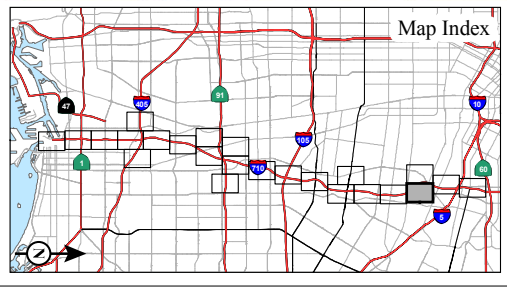


Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)



APPENDIX O
Sheet 21 of 24

I-710 Corridor Project EIR/EIS

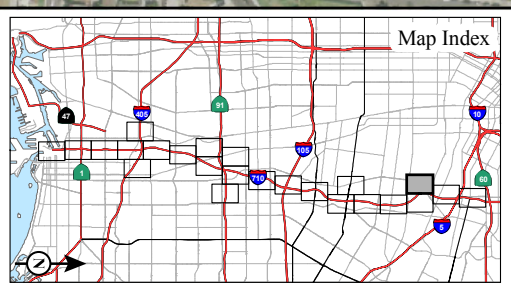
Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET



SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 22 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

UNION PACIFIC AV
BRANNICK AV
AUGUSTA AV
TELEGRAPH RD
MCDONNELL AV
ARIZONA AV
TUTTLE ST
BONNIE BEACH PL
DOWNEY RD
SUNOL DR
MARIANNA AV
TRIGGS ST
EASTERN AV
LOVETT ST
DUNHAM ST
SYDNEY DR
DUNCAN AV
MCBRIDE AV
NOAKES ST
5
710
ASTOR AV
City of Commerce
WASHINGTON BLVD
ARROWHILL AV
PACIFIC WY
AVERS AV
BEDESSEN AV
CONNOR AV
HEPWORTH AV
JILLSON ST
LEONIS ST
RANSOM ST
NOBEL ST
COUTS AV
DENNIS AV
SHEILA ST
BEWLEY AV
City of Vernon
26TH ST
ATLANTIC BLVD

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 23 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

GRATIAN ST
4TH ST
STRANG ST
HUMPHREYS AV
BETTY AV
EAGLE ST
5TH ST
6TH ST
SYDNEY DR
EASTERN AV
FORD BLVD
HUBBARD ST
BURGER AV
710
WHITTIER BLVD
SUNOL DR
BRANNICK AV
72
DUNCAN AV
MCBRIDE AV
MCDONNELL AV
VERONA ST
ARIZONA AV
AUGUSTA AV
MARIANNA AV
WILKINS AV
MINES ST
OLYMPIC BLVD
KERN AV
TELEGRAPH RD
5
BOSWELL PL
City of Commerce
EASTERN AV

Collector/Distributor and Ramp Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N
0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

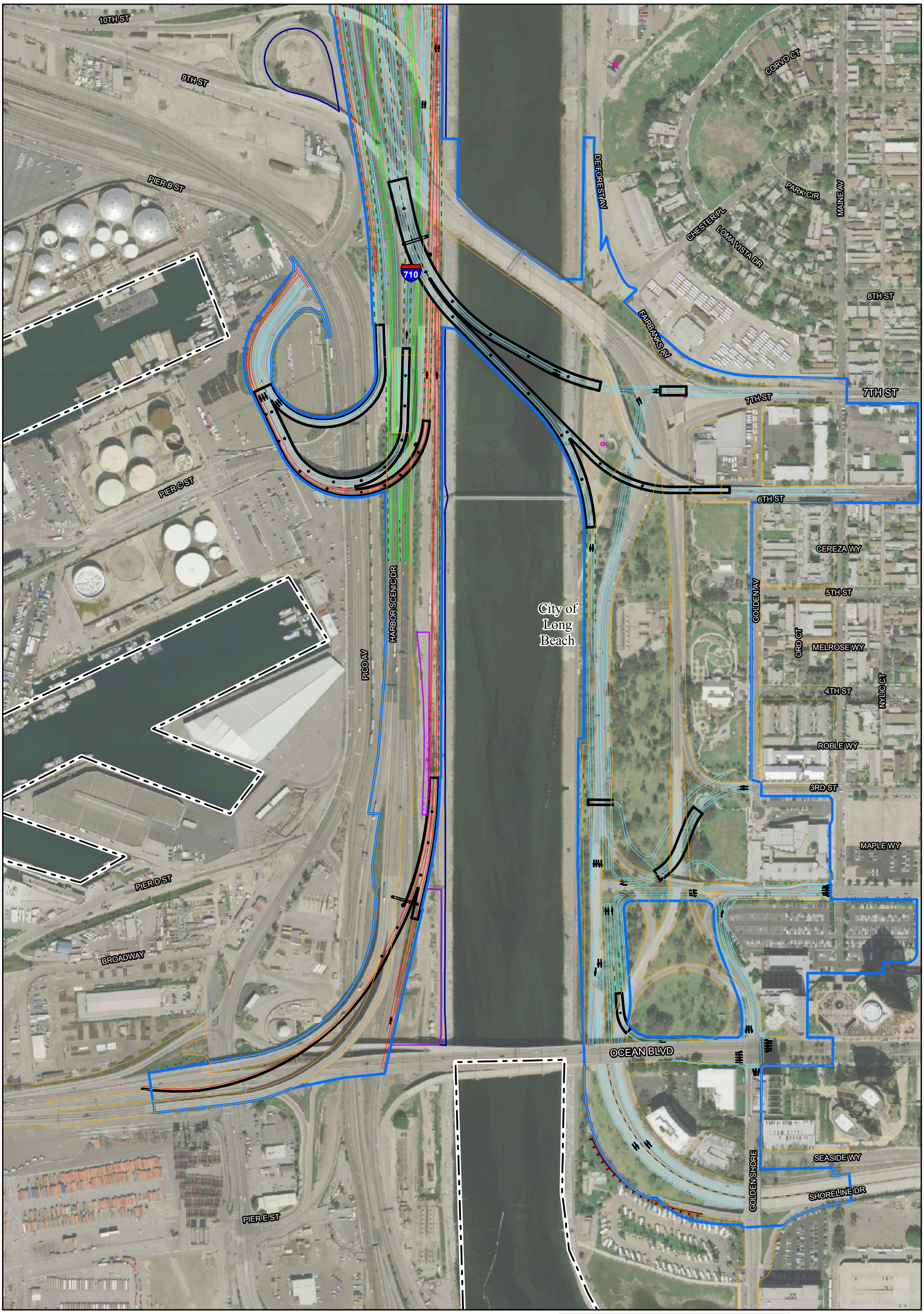
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt5.mxd (6/14/12)

APPENDIX O
Sheet 24 of 24

I-710 Corridor Project EIR/EIS

Alternative 5A
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics

Freight Corridor Geometrics

Mainline Geometrics

Proposed Bridges and Elevated Structures

Existing Caltrans and Local Right of Way

Proposed Right of Way

TCE

Future SCE Transmission Corridor

DWP ROW

Proposed Retaining Walls

Potential Sound Barriers

Potential Sound Barriers under EA#202100

Potential Oil Field Impacts

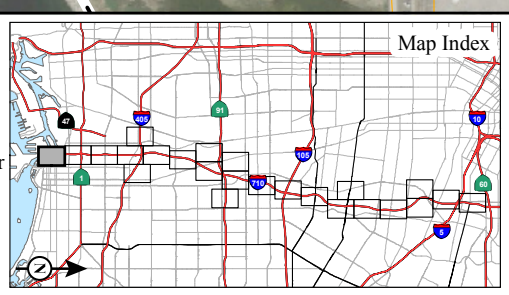
Pump Stations

N

0 200 400

FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)



APPENDIX O

Sheet 1 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9

EA 249900

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

21ST ST
BALTIC AV
DELTA AV
EASY AV
GALE AV
20TH ST
FASHION AV
SUMMIT ST
GOLDEN AV
MAINE AV
19TH ST
PARADE ST
1
CASPIAN AV
ESTHER ST
17TH ST
City of
Long Beach
HARBOR AV
16TH ST
710
GAYLORD ST
SAN FRANCISCO AV
OREGON AV
15TH ST
COWLES ST
14TH ST
ANAHEIM ST
ANAHEIM ST
12TH ST
DEFOREST AV
11TH ST
10TH ST
9TH ST
LOMA VISTA DR

Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

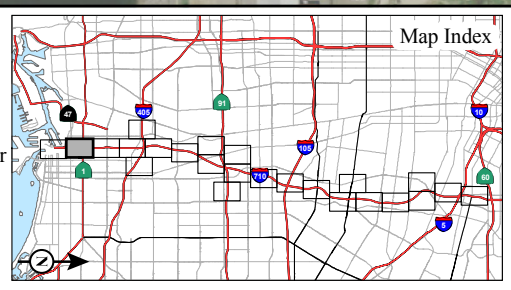
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

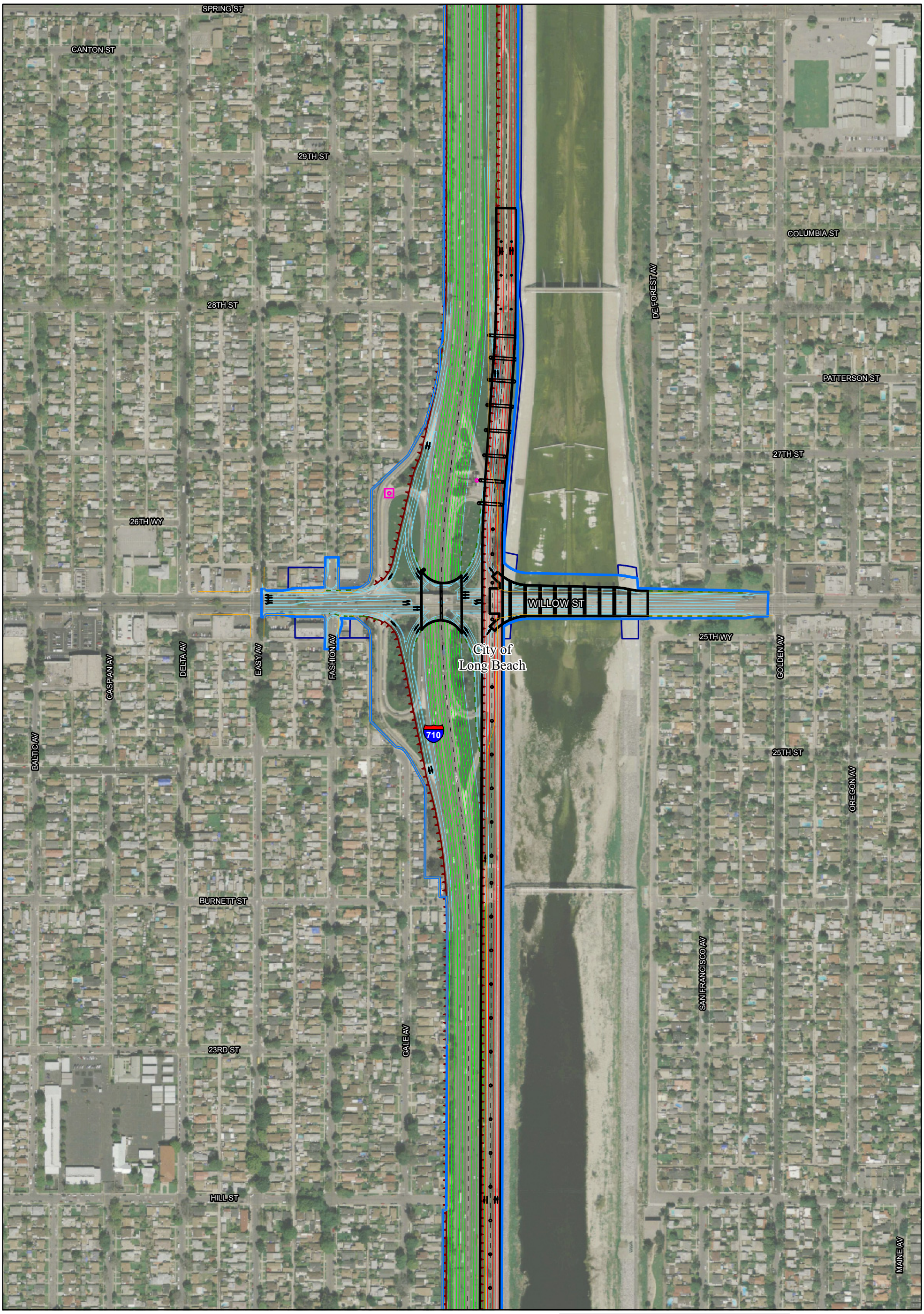


APPENDIX O
Sheet 2 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

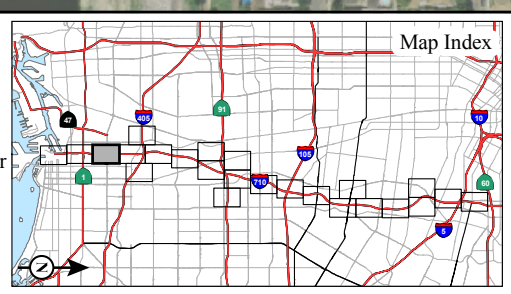
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

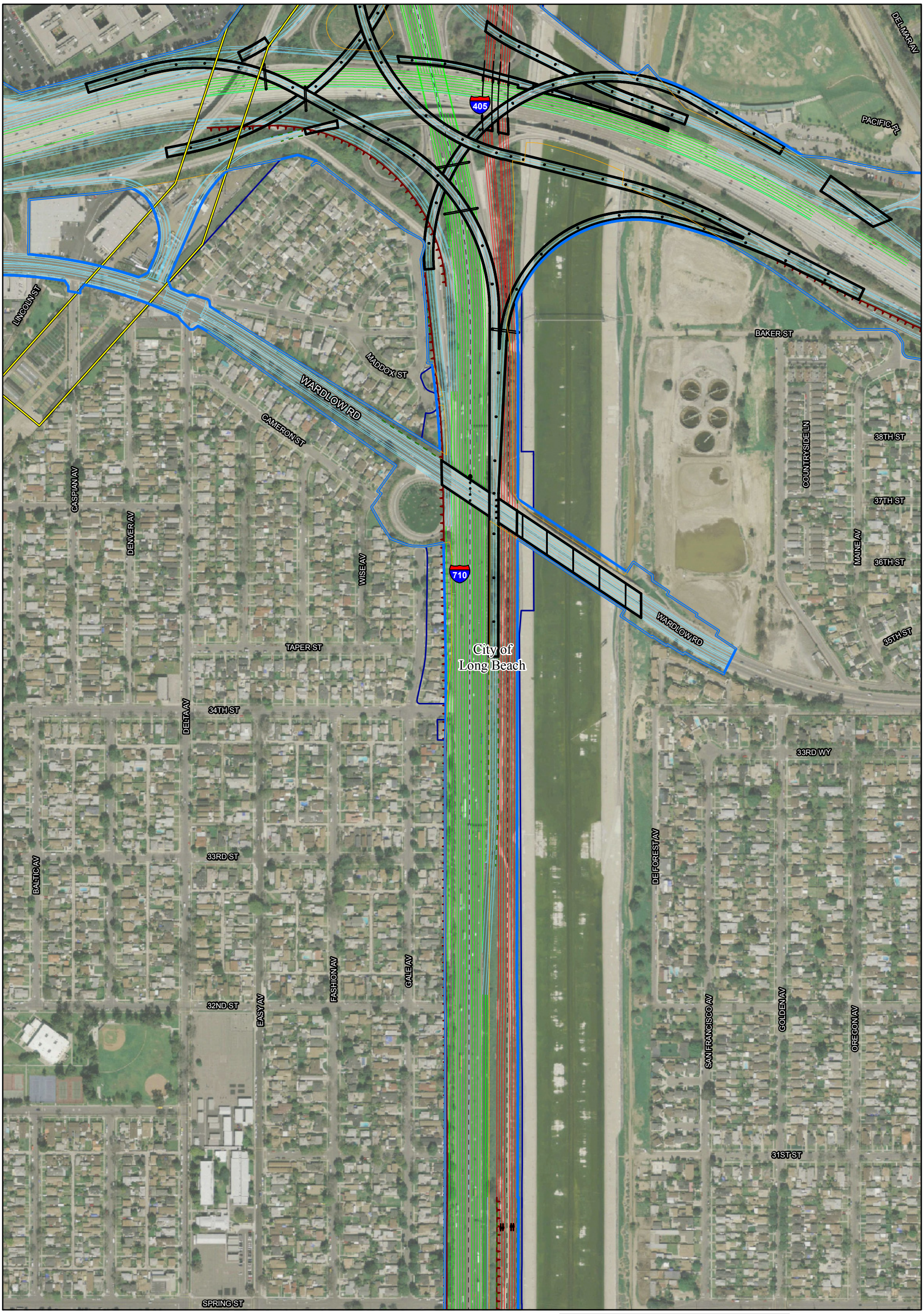


APPENDIX O
Sheet 3 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

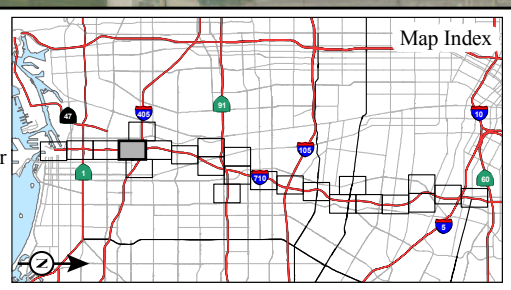
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)



APPENDIX O
Sheet 4 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

WASHINGTON ST
HARBOR VIEW AV
PROSPECT AV
CARSON ST
CARSON ST
BATAAN AV
EVONDA AV
ALAMEDA ST
218TH ST
218TH PL
City of Carson
EMBASSY AV
219TH ST
219TH PL
MCHELEN AV
220TH ST
SALMON AV
220TH PL
HUGHES WY
SANTA FE AV
221ST ST
CARLERIK AV
TANYA AV
WARNOCK WY
221ST PL
405
223RD ST
WARDLOW RD
HESPERIAN AV
RIVER AV
CAMERON ST
WEBSTER AV
SEABRIGHT AV
LINCOLN ST
City of Long Beach
ARLINGTON AV
ARLINGTON ST
YAWL
WINWARD ST
SLOOP
DOLPHIN
PACIFIC DR
SUNSET
ADRIATIC AV
PARK RD
PALM
CORAL ST
SCHOONER
BEACH ST
HARBOR ST
34TH ST
NETHERLY AV
City of Los Angeles

- Collector/Distributor and Ramp Geometrics
- Freight Corridor Geometrics
- Mainline Geometrics
- Proposed Bridges and Elevated Structures
- Existing Caltrans and Local Right of Way
- Proposed Right of Way
- TCE
- Future SCE Transmission Corridor
- DWP ROW
- Proposed Retaining Walls
- Potential Sound Barriers
- Potential Sound Barriers under EA#202100
- Potential Oil Field Impacts
- Pump Stations

Map Index

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

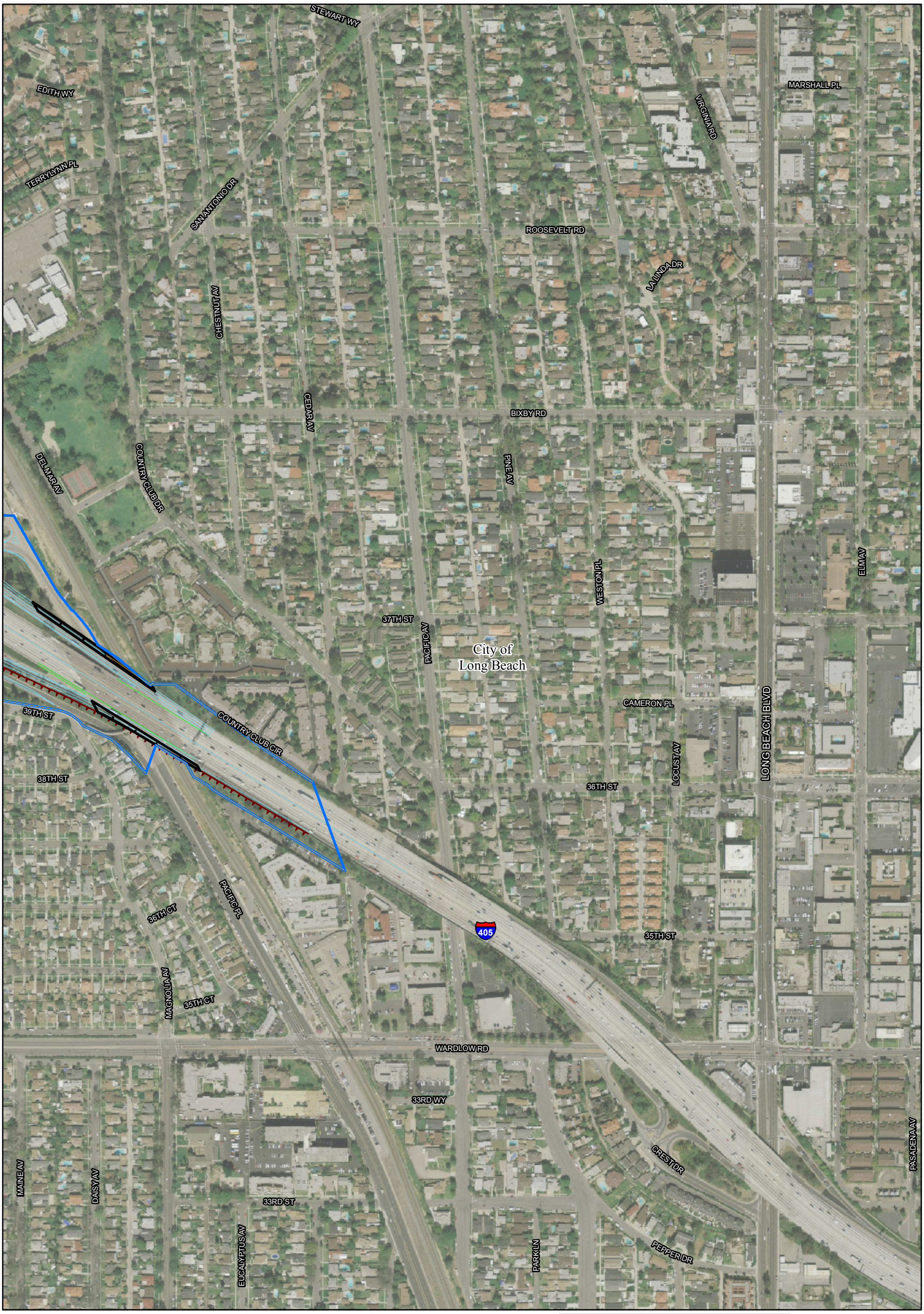
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

APPENDIX O
Sheet 5 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

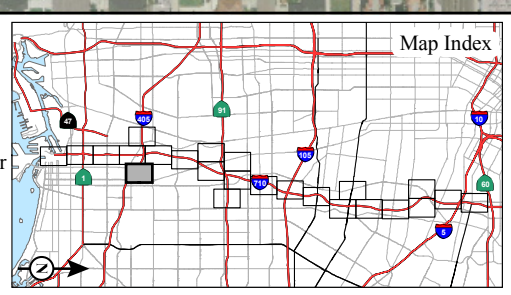
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

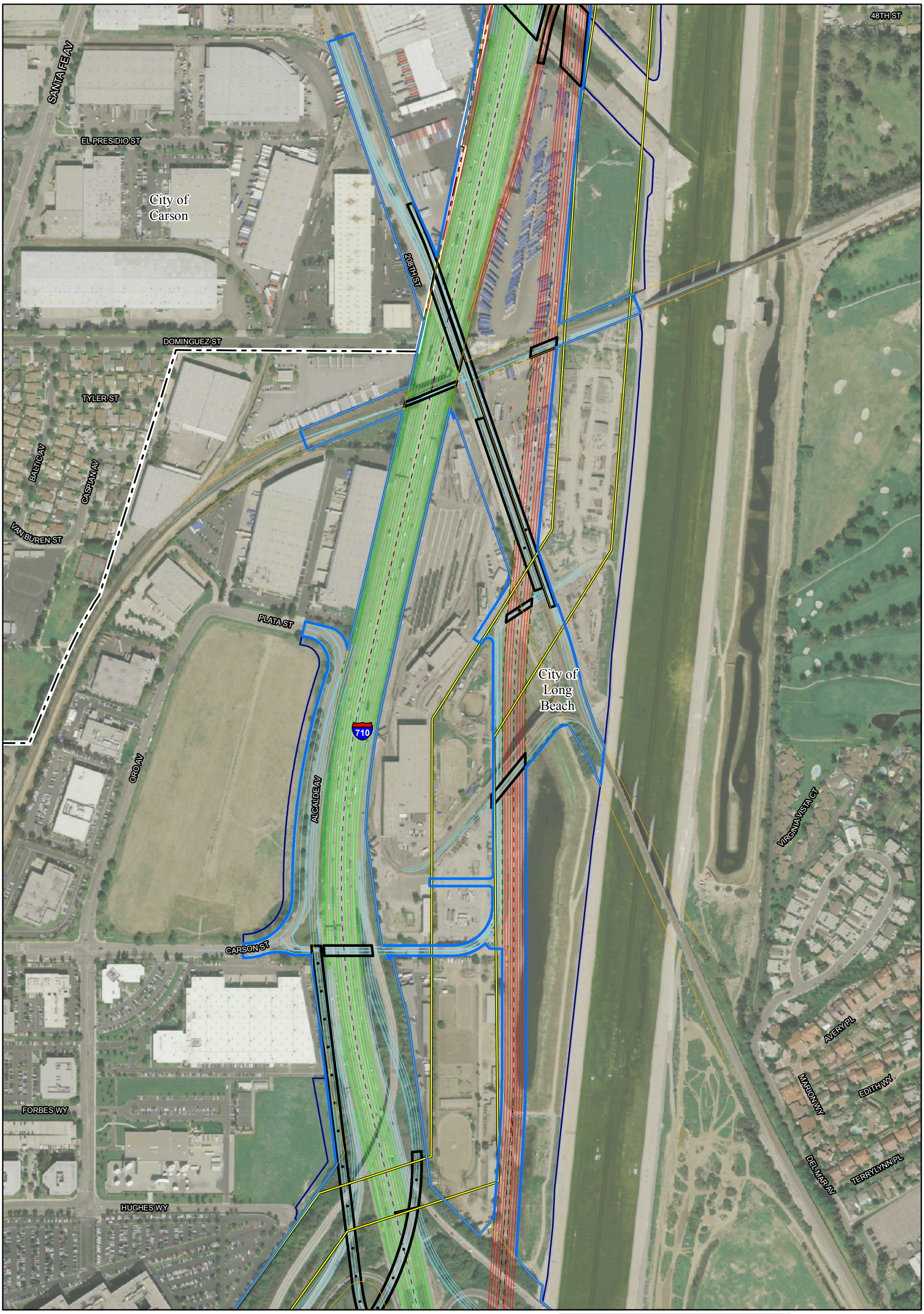


APPENDIX O
Sheet 6 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

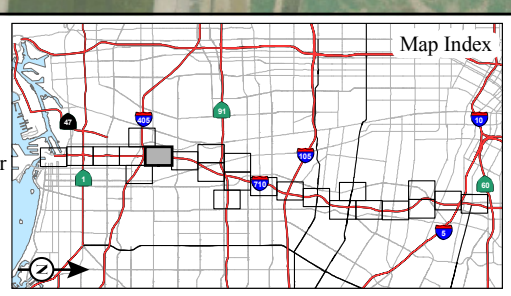
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)



APPENDIX O
Sheet 7 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

MARIA ST
REYES AV
SUSANA RD
VAL VERDE CT
PACIFIC COMMERCE DR
710
City of Carson
208TH ST
DEL AMO BLVD
CIR DR
SIDNEY AV
GARY AV
56TH ST
LONG BEACH BLVD
ELLIS ST
1ST ST
2ND ST
3RD ST
4TH ST
5TH ST
LOUISE ST
MARKET ST
PLYMOUTH ST
53RD ST
MOUNTAIN VIEW ST
52ND ST
DE FOREST AV
ZANE ST
City of Long Beach
51ST ST
HOME ST
PACIFIC AV
PLEASANT ST
HOLLY AV
GULF AV
49TH AV
BROOK AV
AGATE AV
OREGON AV
DAISY AV
49TH ST
ARBOR ST

Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

Map Index

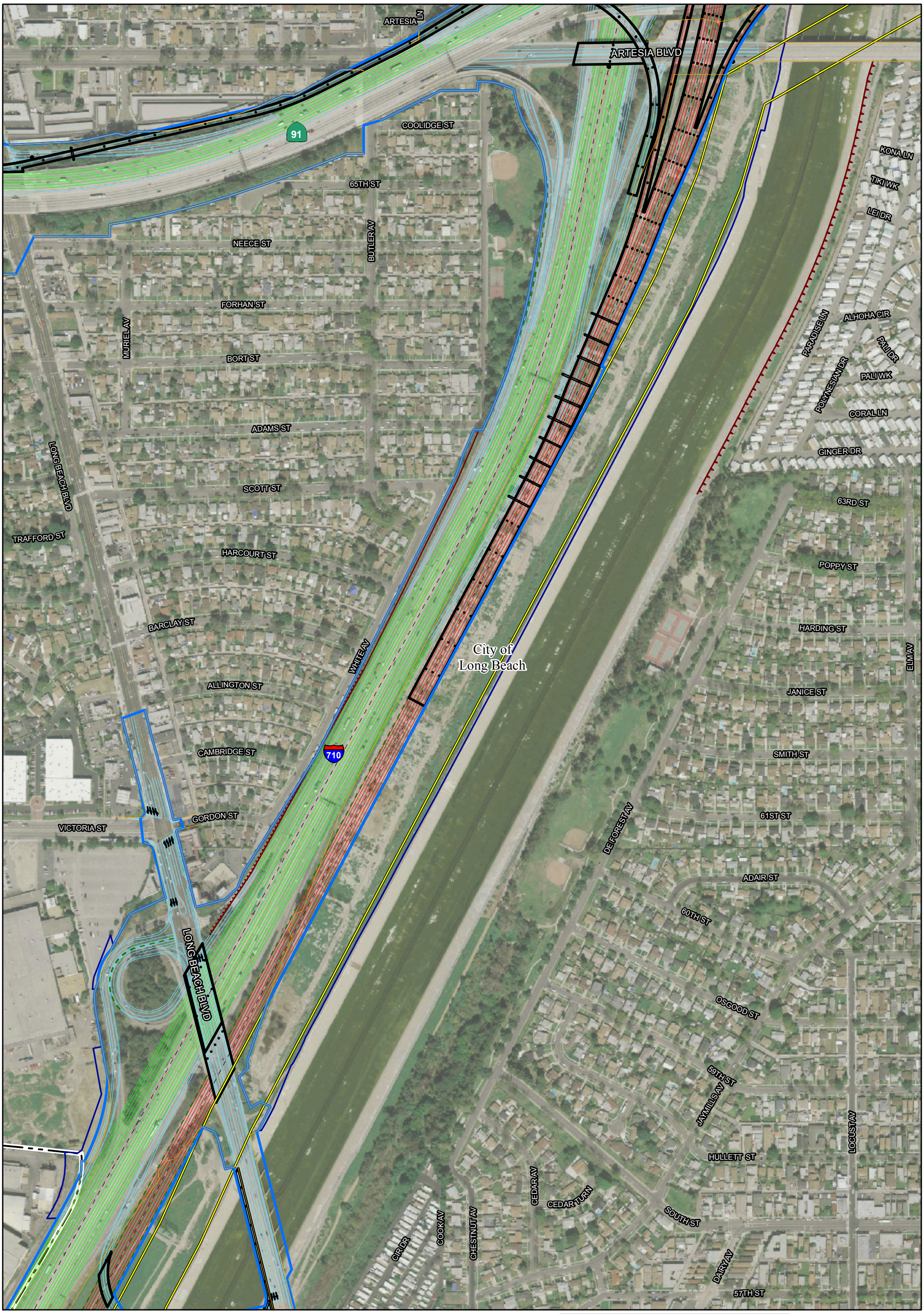
APPENDIX O
Sheet 8 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

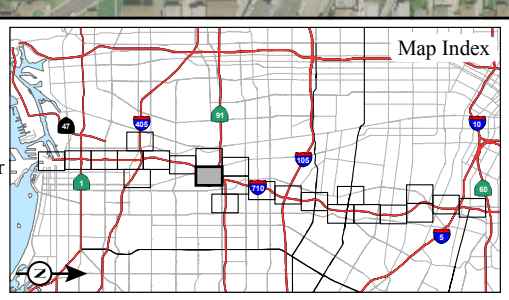
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations



N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

APPENDIX O
Sheet 9 of 24

I-710 Corridor Project EIR/EIS

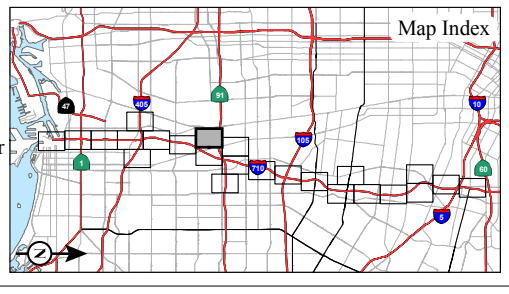
Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations



N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

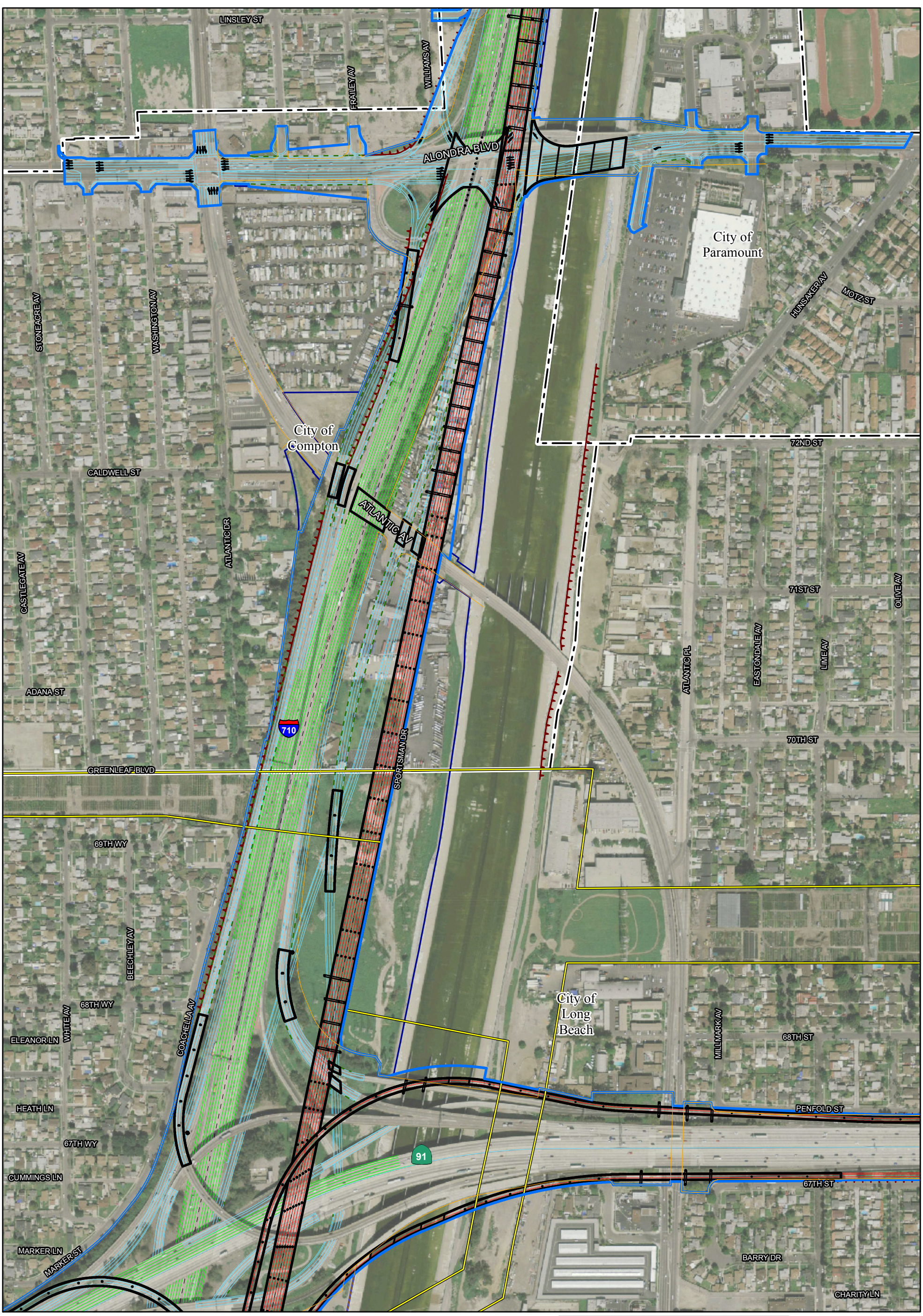
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

APPENDIX O
Sheet 10 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

Map Index

SOURCE: BING (2009); TBM (2008); URS (5/2011)

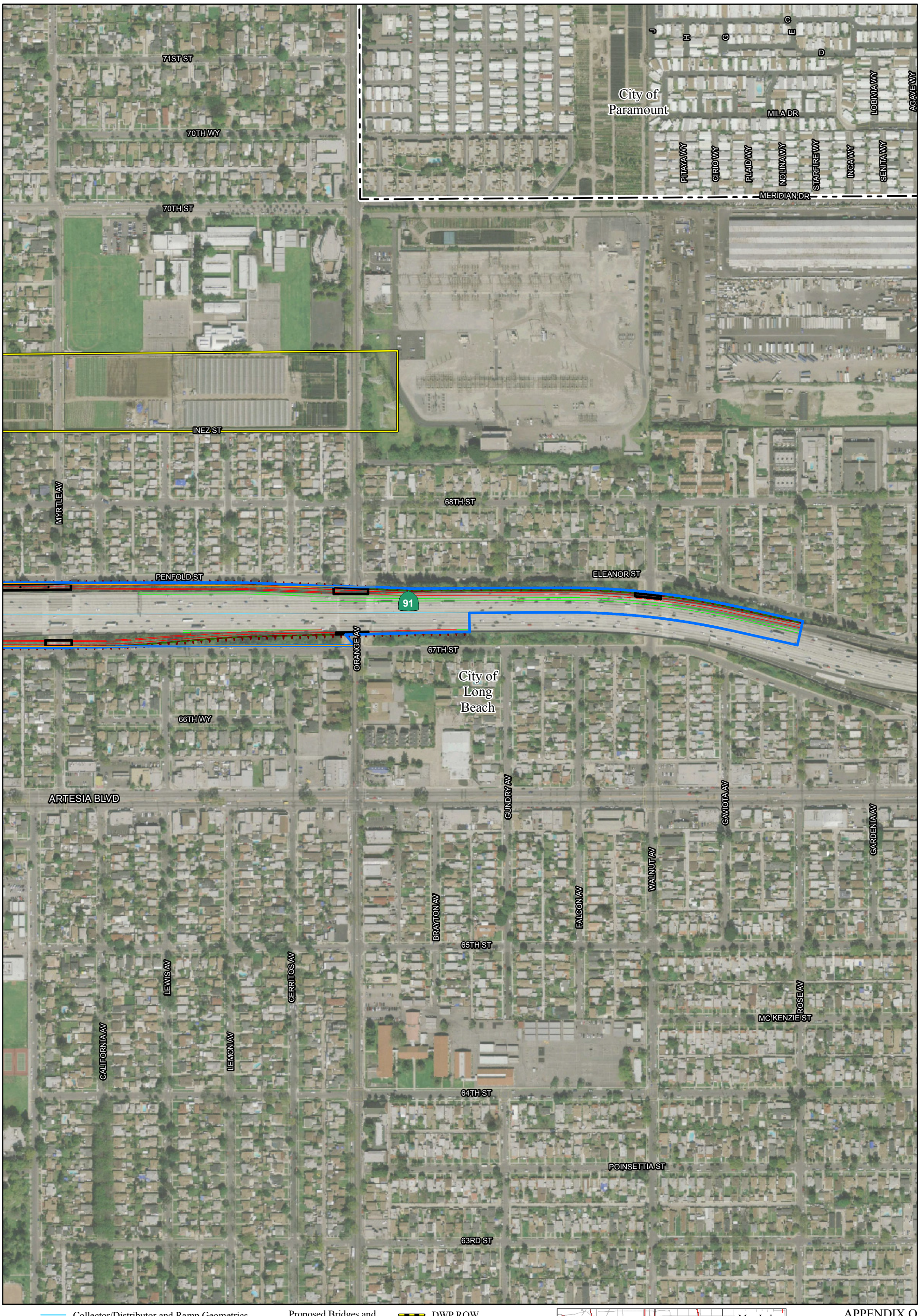
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

APPENDIX O
Sheet 11 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics

Freight Corridor Geometrics

Mainline Geometrics

Proposed Bridges and Elevated Structures

Existing Caltrans and Local Right of Way

Proposed Right of Way

TCE

Future SCE Transmission Corridor

DWP ROW

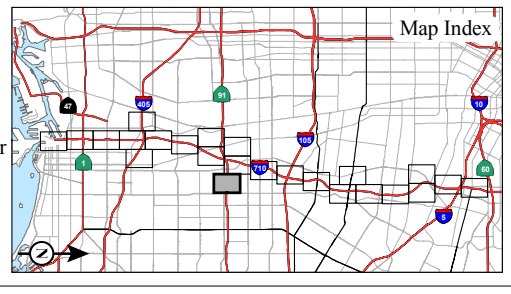
Proposed Retaining Walls

Potential Sound Barriers

Potential Sound Barriers under EA#202100

Potential Oil Field Impacts

Pump Stations



0 200 400

FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

APPENDIX O

Sheet 12 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9

EA 249900

CYPRESS ST
LINSLEY ST
CRANE ST
BOWEN AV
WARD AV
HOLLY AV
LOCUST CIR
BULLIS RD
ALONDRA BLVD
POINSETTIA AV
City of Compton
LONG BEACH BLVD
ESSEX AV
ELIZABETH ST
CRANE AV
JOSEPHINE CT
BRADFIELD AV
HARRIS AV
CASTLEGATE AV
MARCELLE ST
TICHENOR ST
CALDWELL ST
PAULINE ST
MURIEL AV
CARESS AV
THORSON AV
DUMA ST
CUZCO AV
SCHINNER ST
TEMPLE AV
WYMORE ST
BENNETT ST
ADANA ST
GLENCOE AV
IVA ST
GREENLEAF BLVD
70TH ST
GALLIARD DR
CORBIN WY
ORLEANS WY
69TH WY
TAYLOR ST
BELHURST AV
69TH ST
FUEGO ST
ORCUTT AV
68TH WY
HEATH ST
City of Long Beach
ELEANOR LN
DELTA AV
HARBOR AV
GALE AV
68TH ST
BUTLER AV
HEATH LN
67TH WY
CUMMINGS LN
CUMMINGS ST
GREER ST
FERN ST
ELLEN ST
DONNA ST
CAROL ST
ALMA ST
67TH ST
HILDA ST
JUNE ST
MARKER LN
KAY ST
GARDNER ST
BETH ST
MARKER ST

Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

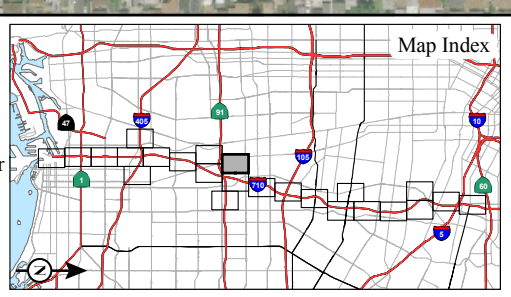
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

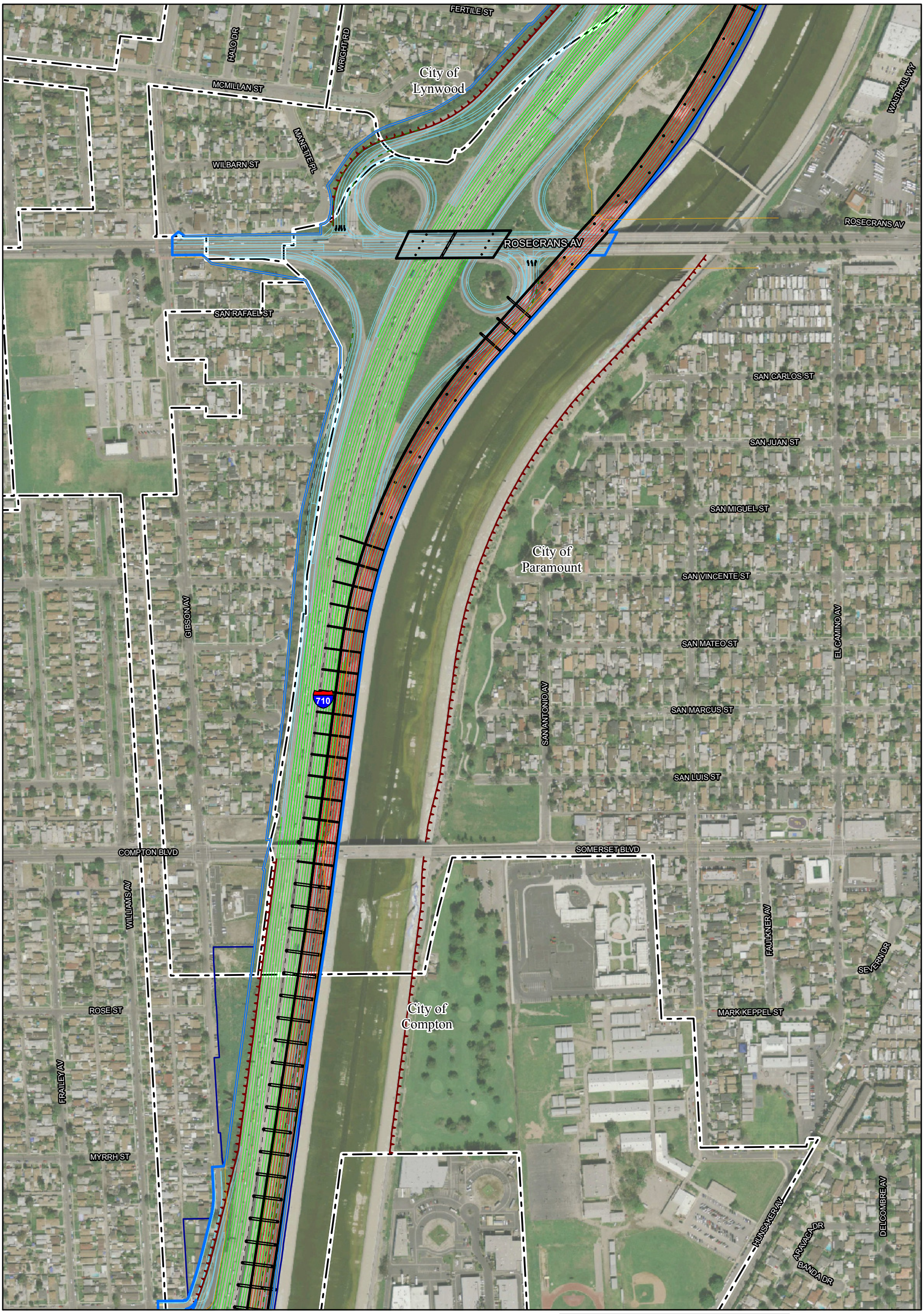


APPENDIX O
Sheet 13 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

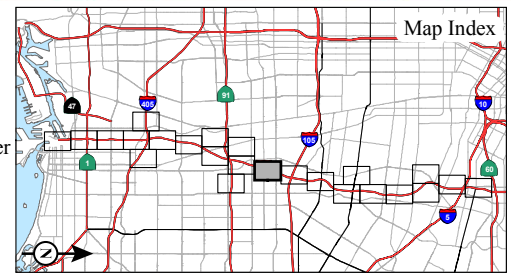
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

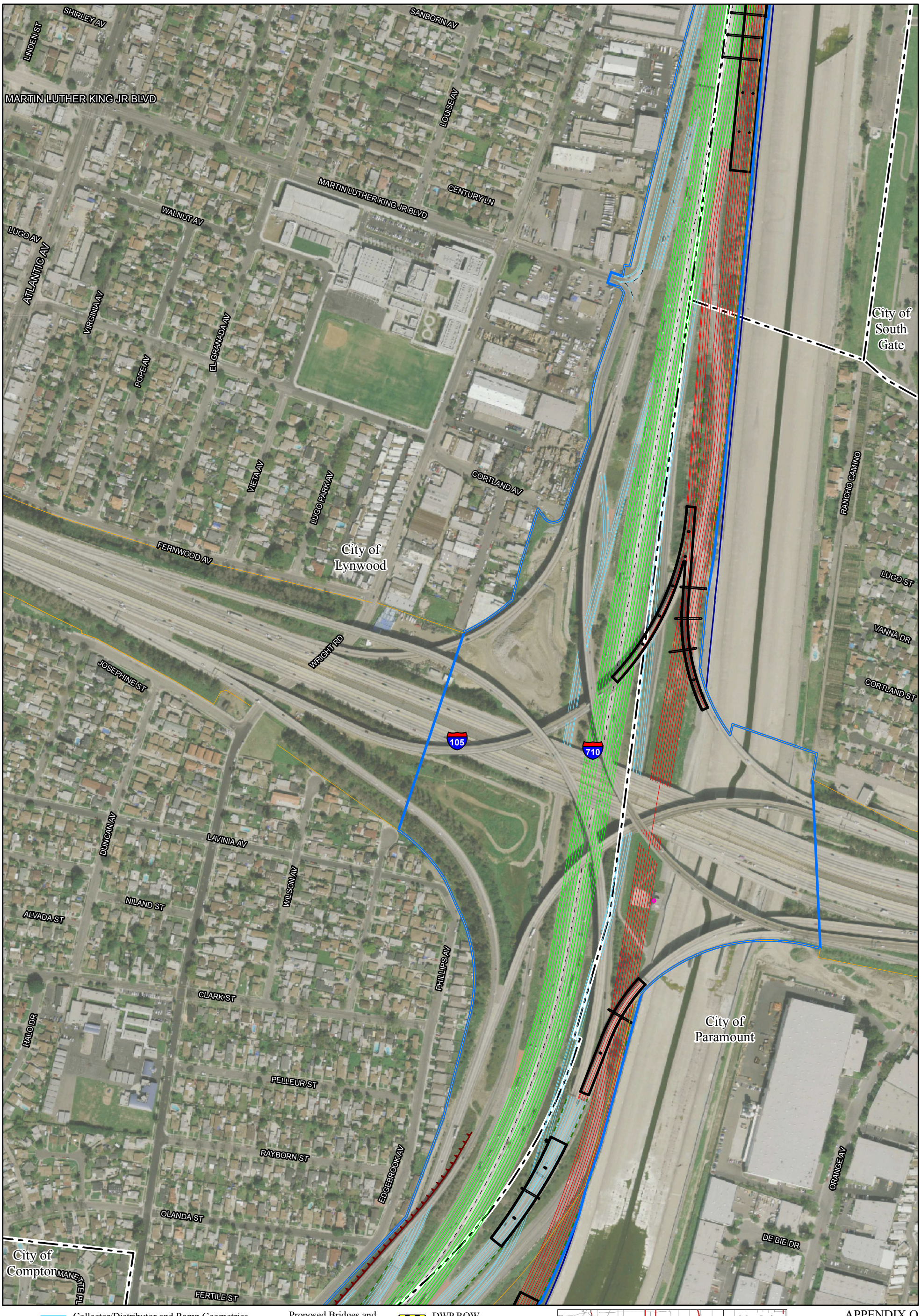


APPENDIX O
Sheet 14 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

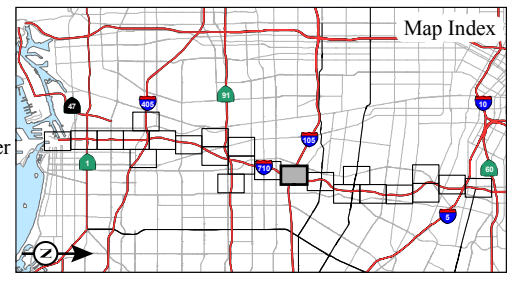
07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations



0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

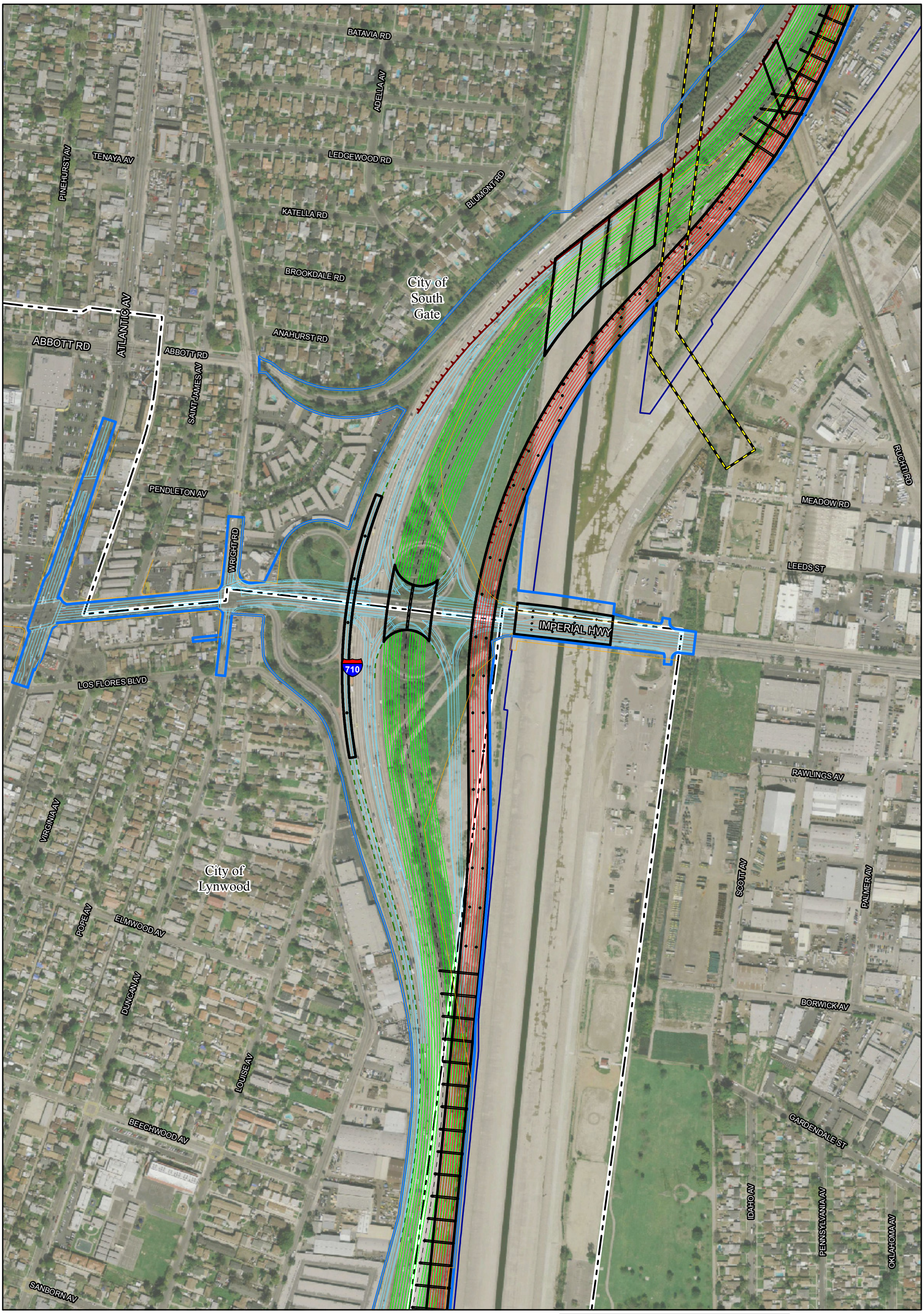
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

APPENDIX O
Sheet 15 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

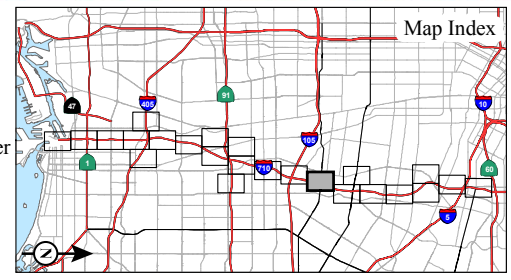
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)



APPENDIX O
Sheet 16 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

REISNER WY
GARFIELD AV
EASTERN AV
City of Bell Gardens
FIRESTONE PL
NATIONAL AV
FIRESTONE BLVD
GARFIELD AV
City of South Gate
710
SOUTHERN AV
FRONTAGE RD
MILLER WY
KARMONT AV
City of Downey
LEE LN

Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

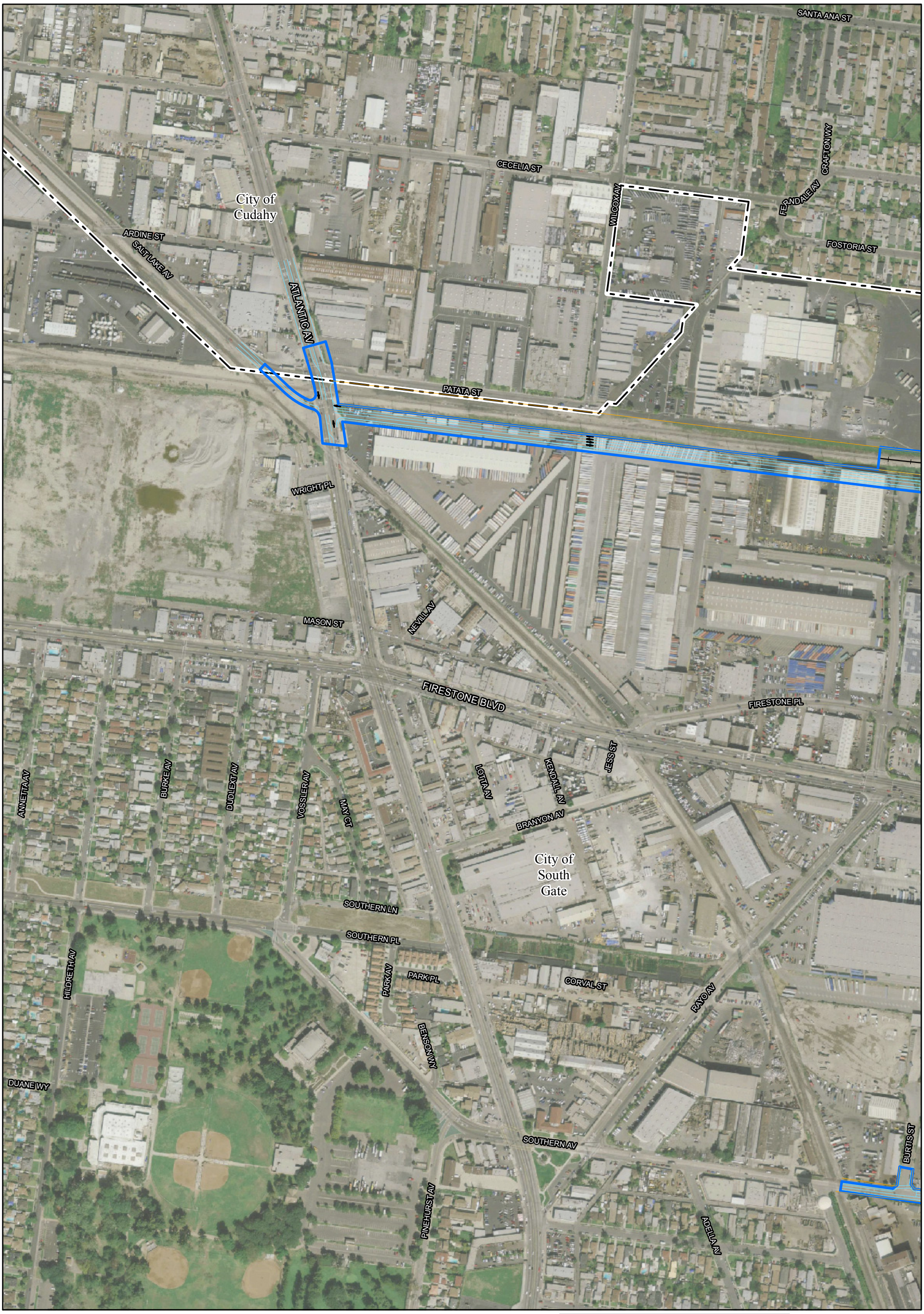
Map Index

APPENDIX O
Sheet 17 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

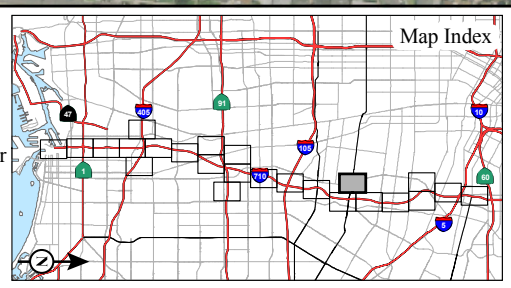
DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)



APPENDIX O
Sheet 18 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

CRAFTON AV
CHANSLOR AV
RIVER DR
FLORENCE AV
FLORENCE AV
City of Bell
AJAX AV
LUDELL ST
EASTERN AV
LIVE OAK LN
LIVE OAK ST
PRIORY ST
PURDY AV
WALKER AV
CLARA ST
City of Cudahy
ELIZABETH ST
GALLANT ST
City of Bell Gardens
GOTHAM ST
710
PARK AV
RIVER RD
BELL GARDEN AV
LYNDA LN
SANTA ANA ST
QUINN ST
JABONERIA RD
MULLER ST
CECELIA ST
SPECHT ST
CECILIA ST
FOSTORIA ST
SHULL ST
GARFIELD AV
City of South Gate

Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

Map Index

APPENDIX O
Sheet 19 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

59TH PL
60TH ST
60TH PL
ALAMO AV
DISTRICT BLVD
City of Maywood
City of Commerce
EASTERN AV
PEACHTREE ST
61ST ST
RANDOLPH ST
710
WATCHER ST
LANTO ST
AGRA ST
PALA AV
FILMORE ST
HOME AV
CASITAS AV
City of Bell
GAGE AV
GAGE AV
City of Bell Gardens
SUN LN
SPECHT AV
ACACIA ST
LOVELAND ST
CRAFTON AV
WALKER AV
CHANSLOR AV
RIVER DR
SELHLAND AV
AJAX AV
MARLOW AV
SOUTHALL LN
LUBEC ST
BECK AV
PURDY AV

Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

Map Index

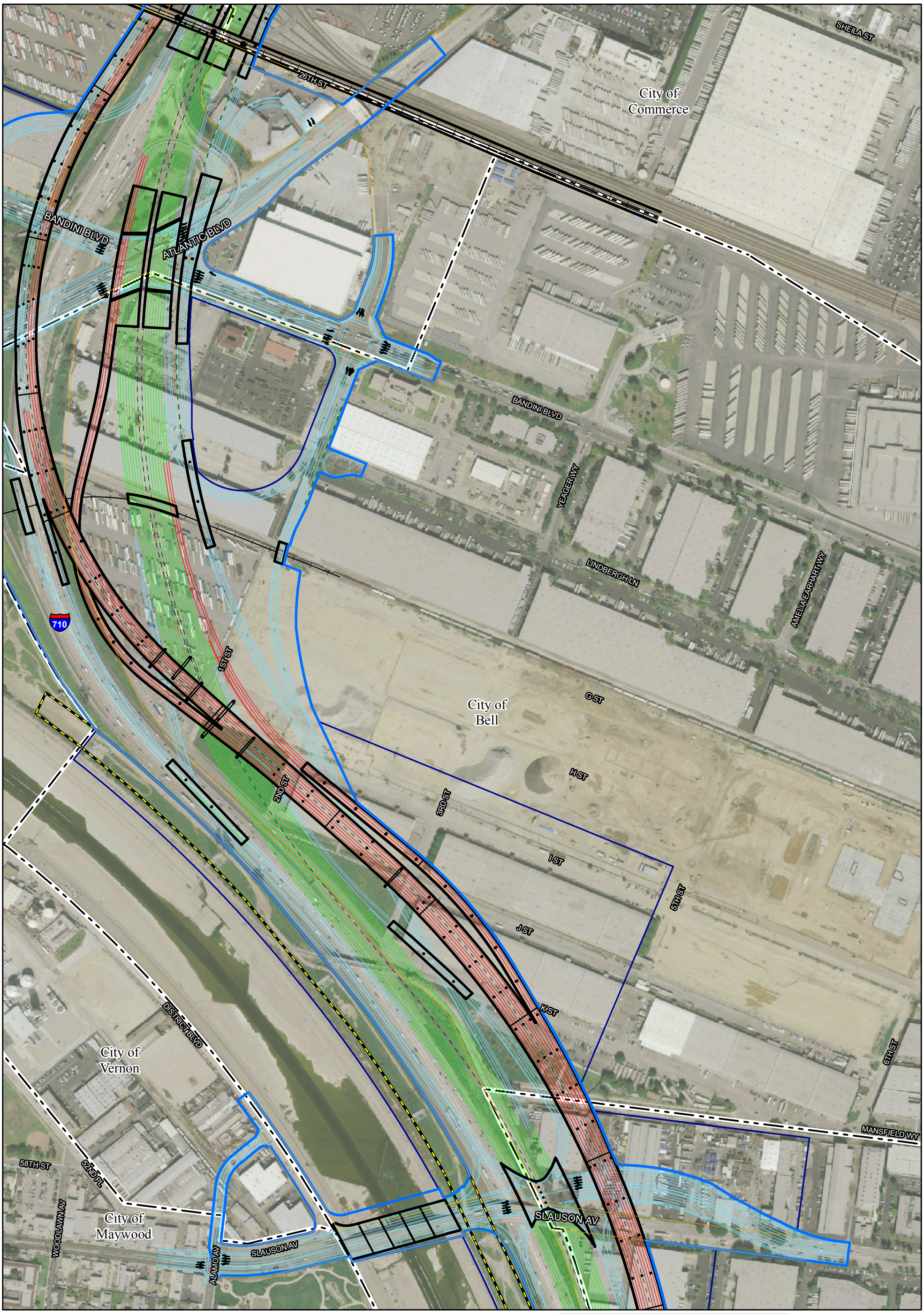
APPENDIX O
Sheet 20 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

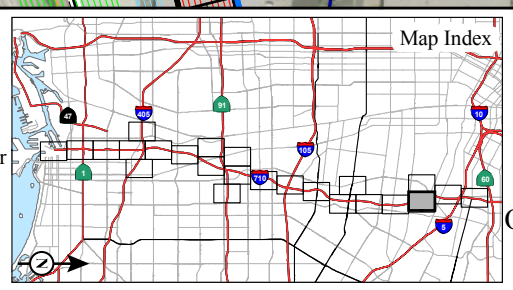
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)



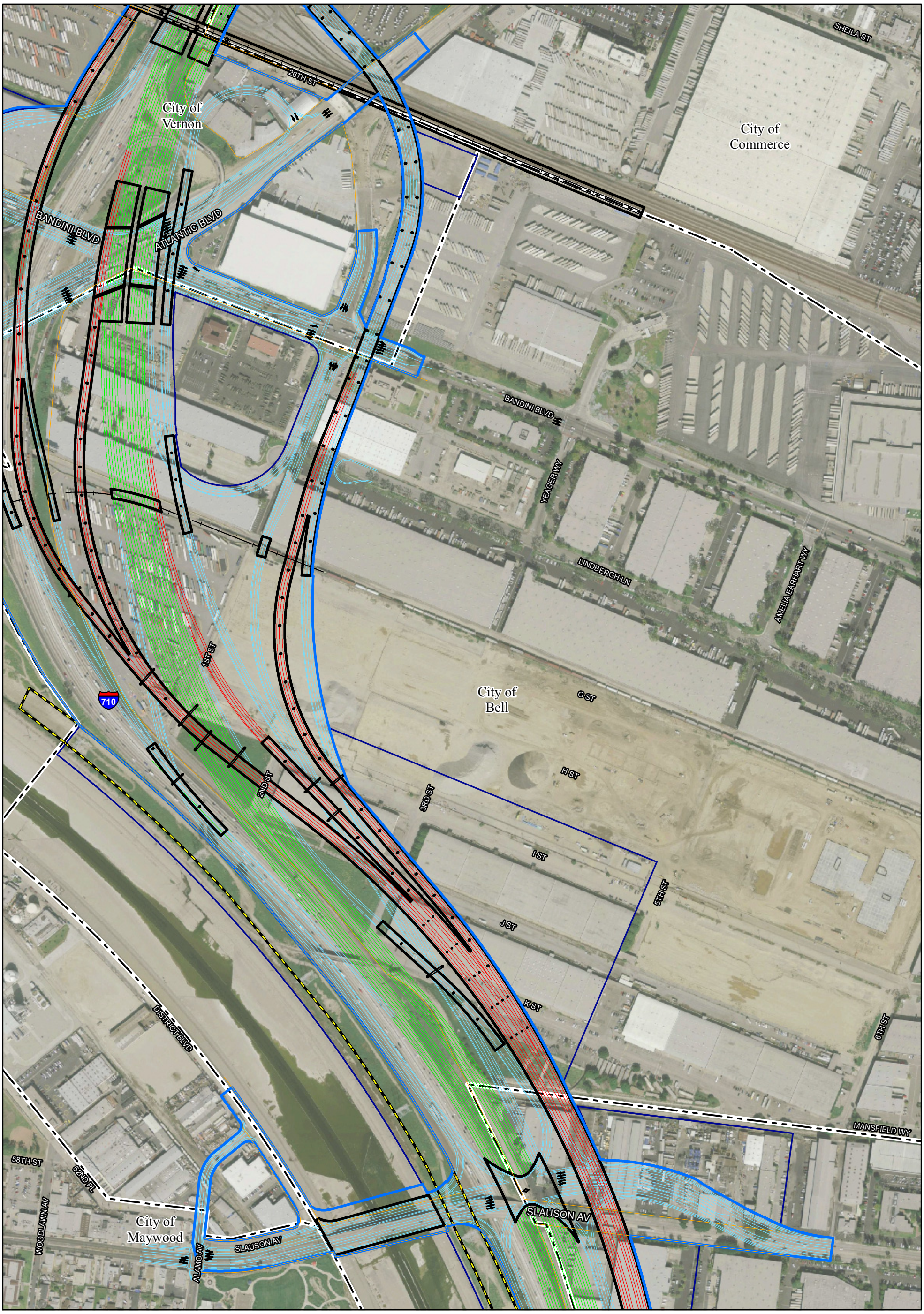
APPENDIX O
Sheet 21a of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Option 1 Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6_Option1.mxd (6/15/12)



Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

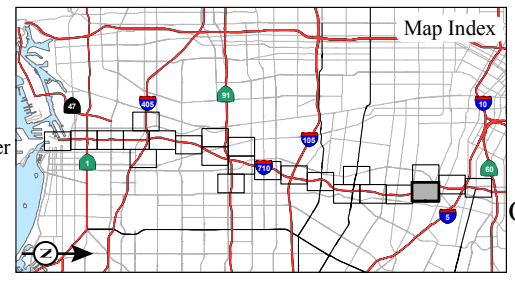
Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)



I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6_Option2.mxd (6/15/12)

APPENDIX O
Sheet 21b of 24

I-710 Corridor Project EIR/EIS

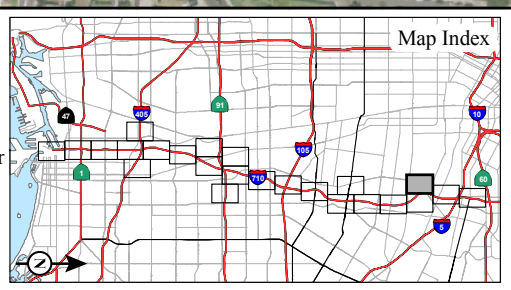
Alternative 6A/6B/6C Option 2 Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations



0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

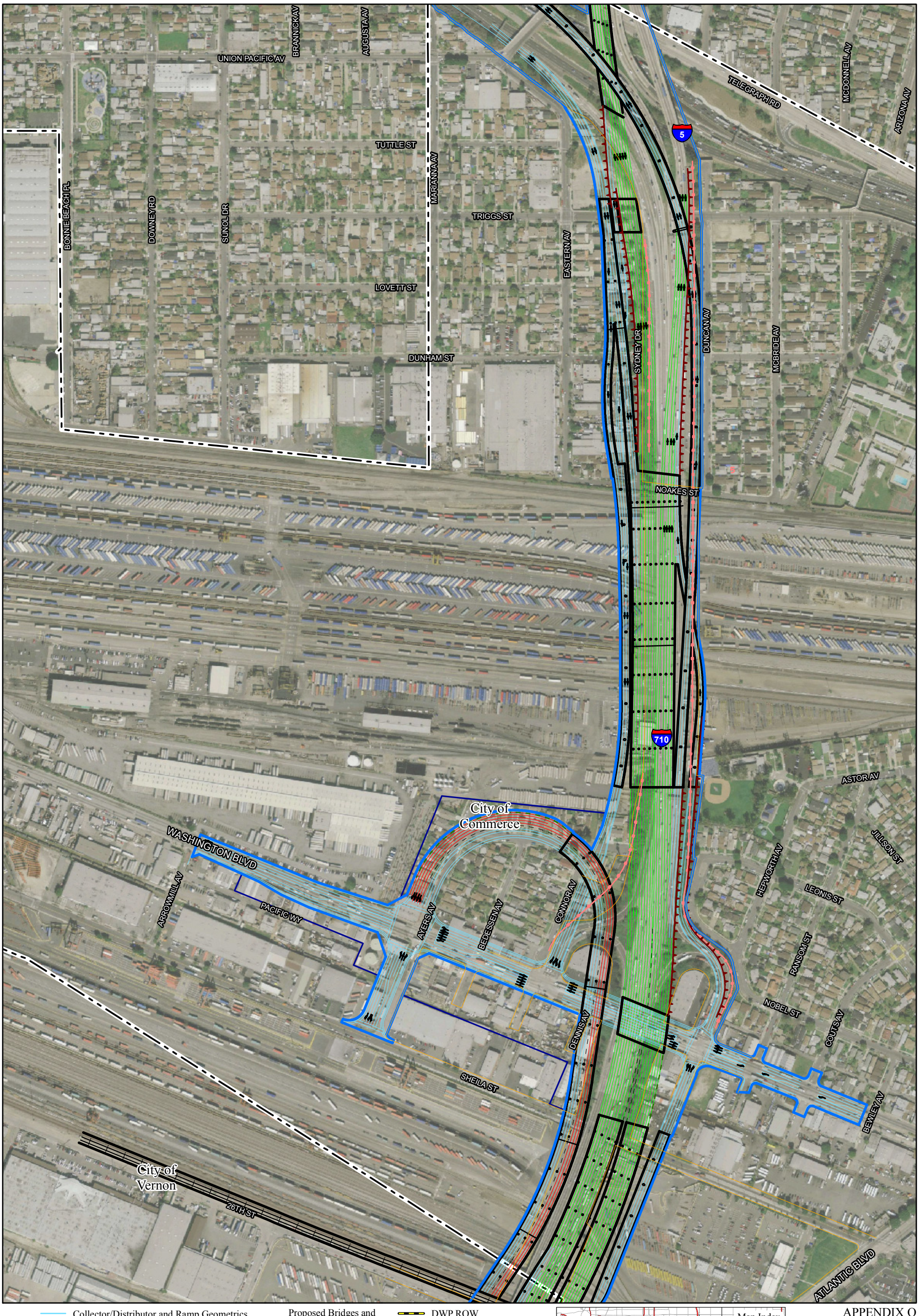
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

APPENDIX O
Sheet 22 of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



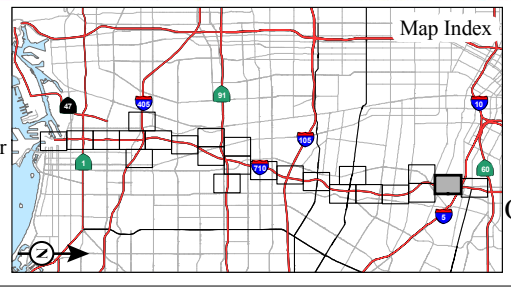
Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)



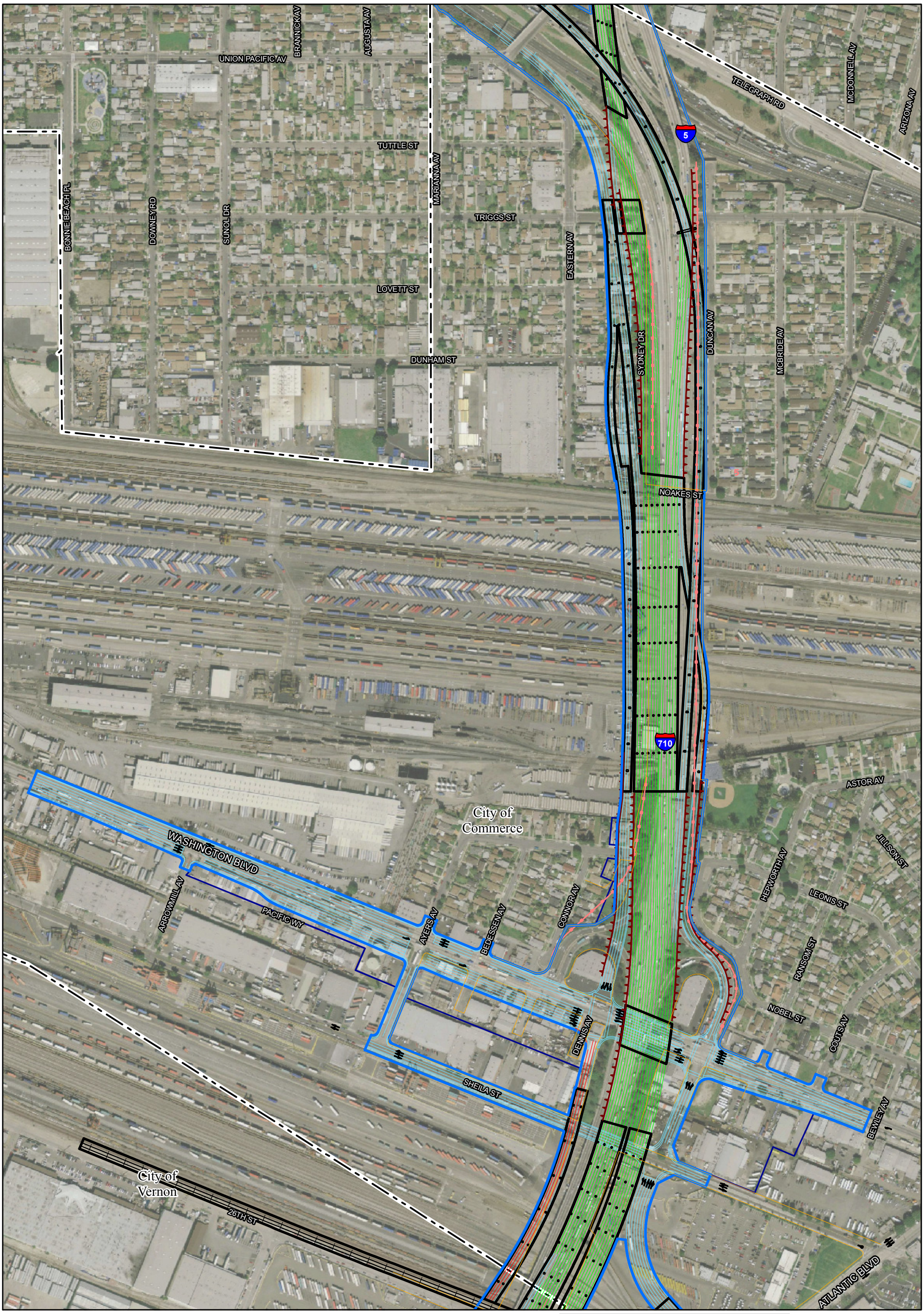
APPENDIX O
Sheet 23a of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Option 1 Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6_Option1.mxd (6/15/12)



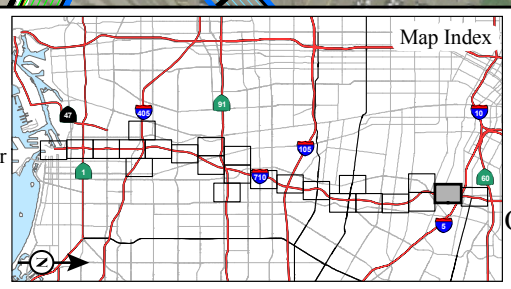
Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)



APPENDIX O
Sheet 23b of 24

I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Option 2 Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6_Option2.mxd (6/15/12)

GRATIAN ST
4TH ST
STRANG ST
HUMPHREYS AV
BETTY AV
EAGLE ST
5TH ST
6TH ST
SYDNEY DR
EASTERN AV
FORD BLVD
HUBBARD ST
BURGER AV
710
WHITTIER BLVD
SUNOL DR
BRANNICK AV
72
DUNCAN AV
MCBRIDE AV
MCDONNELL AV
VERONA ST
ARIZONA AV
AUGUSTA AV
MARIANNA AV
WILKINS AV
MINES ST
OLYMPIC BLVD
KERN AV
TELEGRAPH RD
5
BOSWELL PL
City of Commerce
EASTERN AV

Collector/Distributor and Ramp Geometrics
Freight Corridor Geometrics
Mainline Geometrics

Proposed Bridges and Elevated Structures
Existing Caltrans and Local Right of Way
Proposed Right of Way
TCE
Future SCE Transmission Corridor

DWP ROW
Proposed Retaining Walls
Potential Sound Barriers
Potential Sound Barriers under EA#202100
Potential Oil Field Impacts
Pump Stations

N

0 200 400
FEET

SOURCE: BING (2009); TBM (2008); URS (5/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Alt6.mxd (6/14/12)

Map Index

APPENDIX O
Sheet 24 of 24

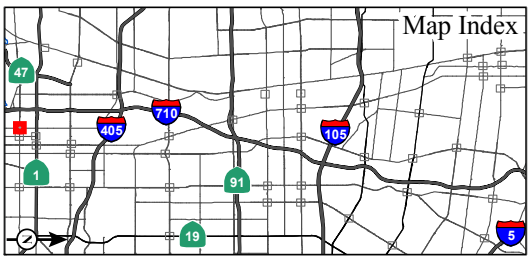
I-710 Corridor Project EIR/EIS

Alternative 6A/6B/6C Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 1 of 42

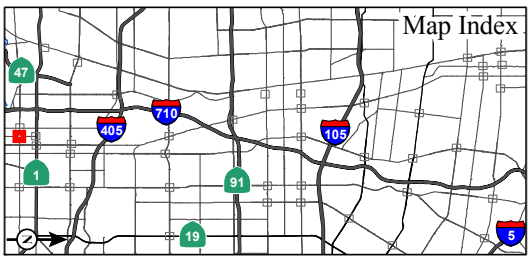
I-710 Corridor Project EIR/EIS

Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150

FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O

Sheet 2 of 42

I-710 Corridor Project EIR/EIS

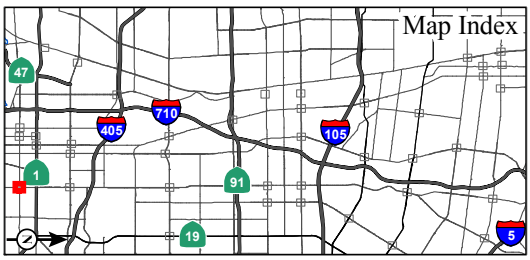
Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9

EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 3 of 42

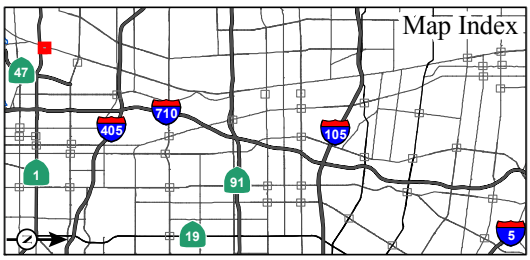
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

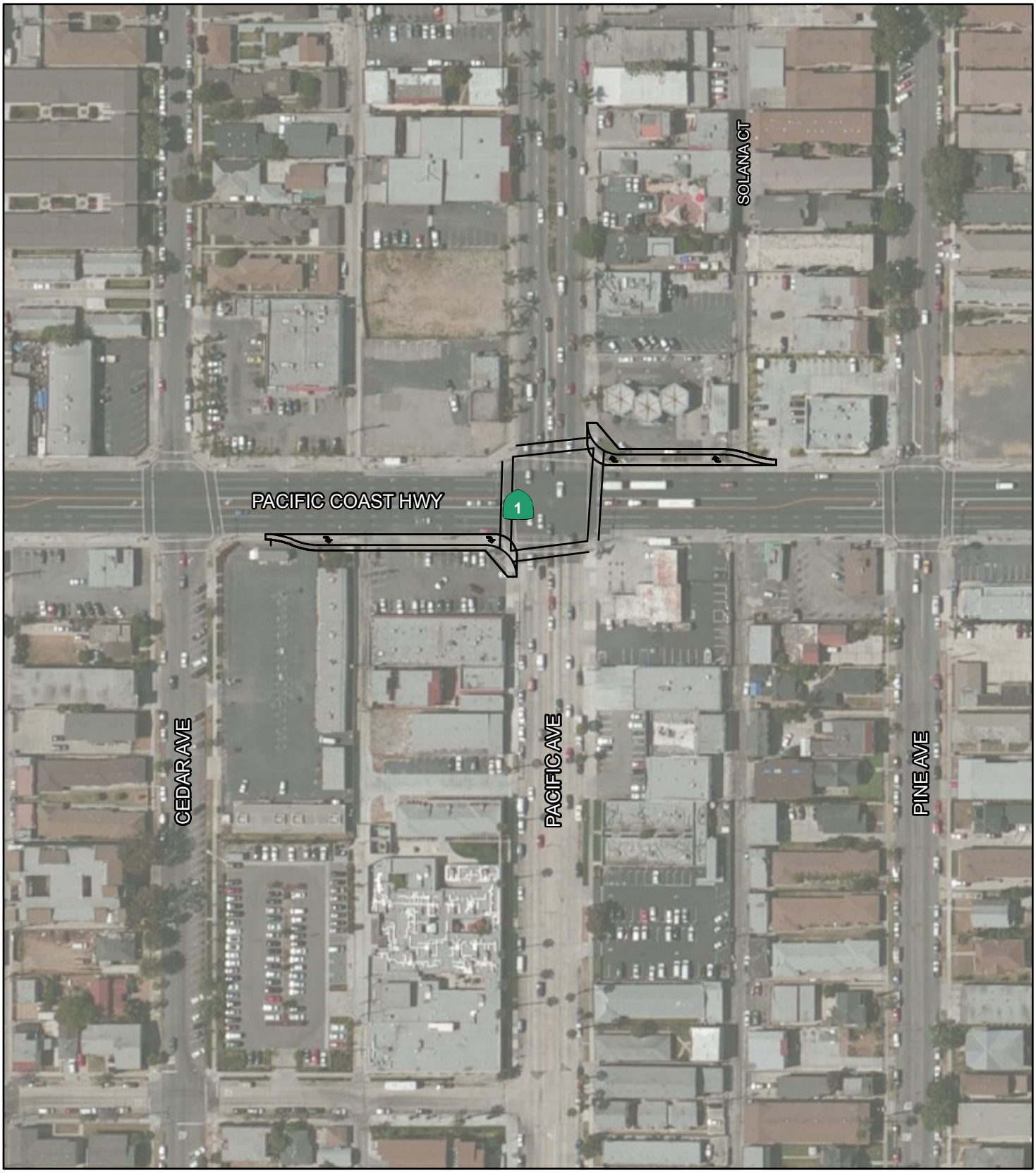
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 4 of 42

I-710 Corridor Project EIR/EIS

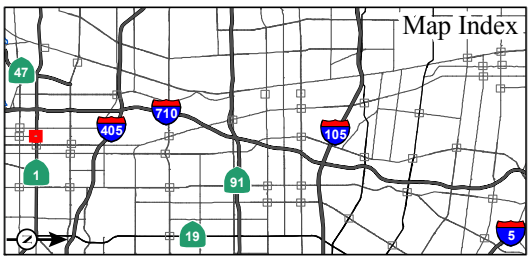
Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



LEGEND

Arterial Intersection Geometrics



N

0 75 150

FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O

Sheet 5 of 42

I-710 Corridor Project EIR/EIS

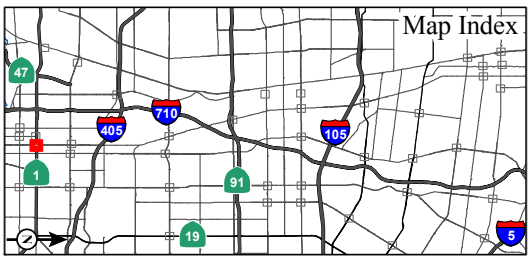
Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9

EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 6 of 42

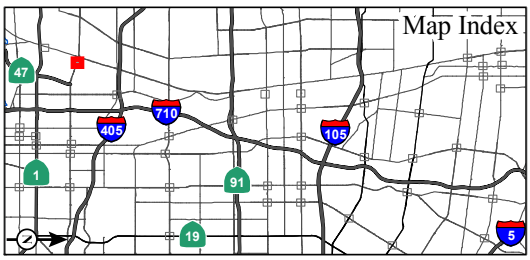
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 7 of 42

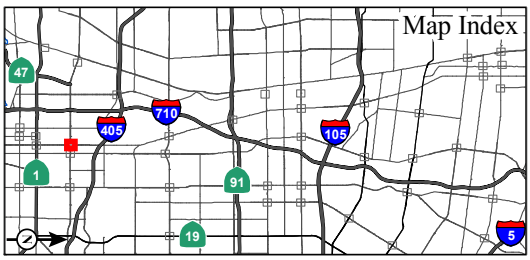
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 8 of 42

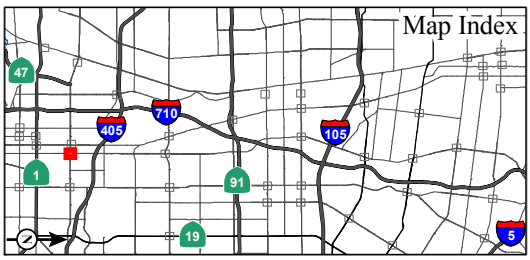
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

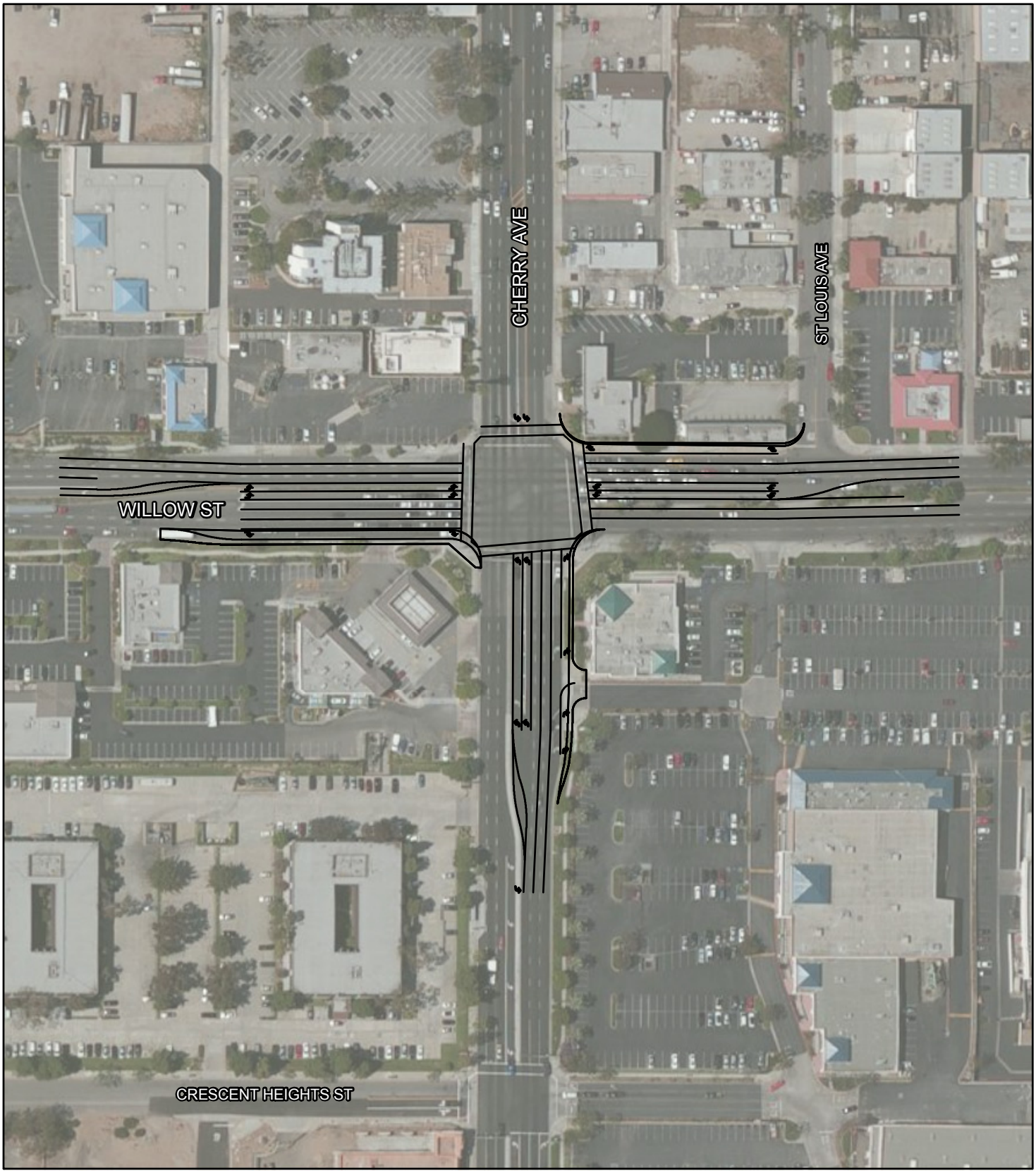
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 9 of 42

I-710 Corridor Project EIR/EIS

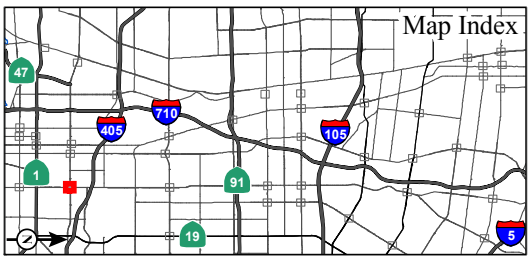
Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 10 of 42

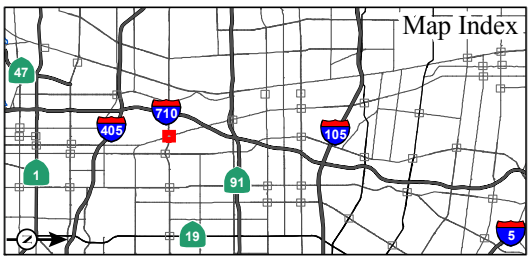
I-710 Corridor Project EIR/EIS

Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 11 of 42

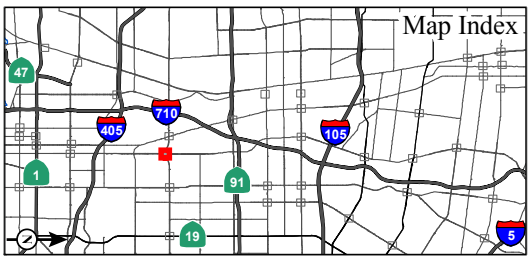
I-710 Corridor Project EIR/EIS

Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150

FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O

Sheet 12 of 42

I-710 Corridor Project EIR/EIS

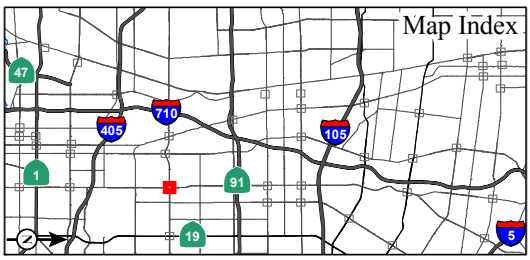
Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9

EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 13 of 42

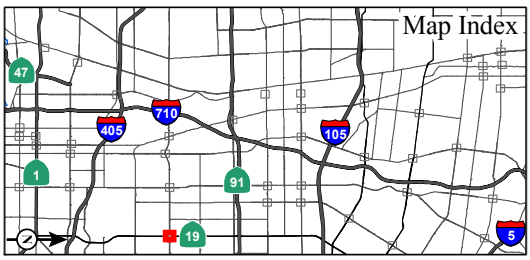
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 14 of 42

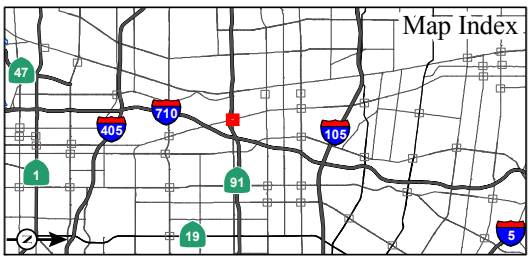
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 15 of 42

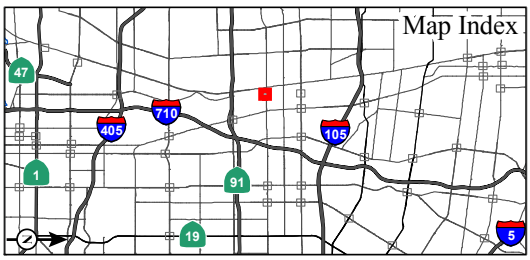
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 16 of 42

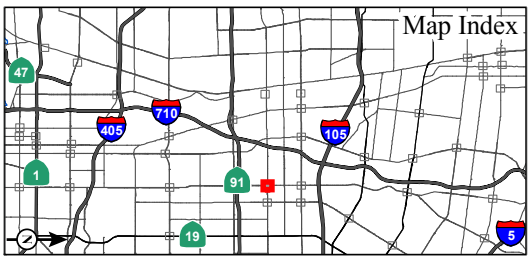
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 17 of 42

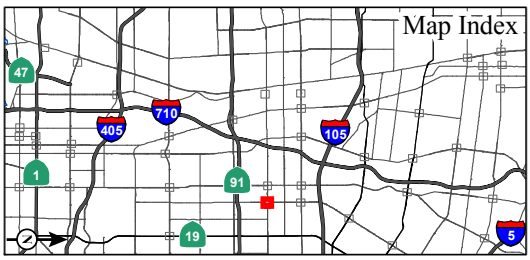
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 18 of 42

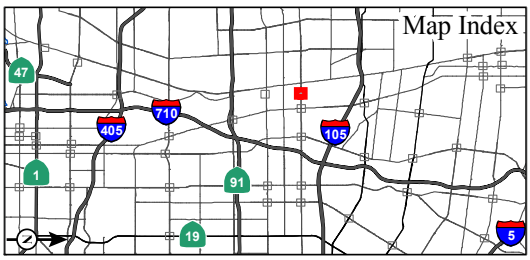
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 19 of 42

I-710 Corridor Project EIR/EIS

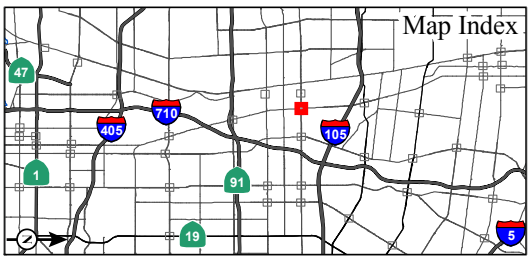
Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics

Map Index



N

0 75 150

FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O

Sheet 20 of 42

I-710 Corridor Project EIR/EIS

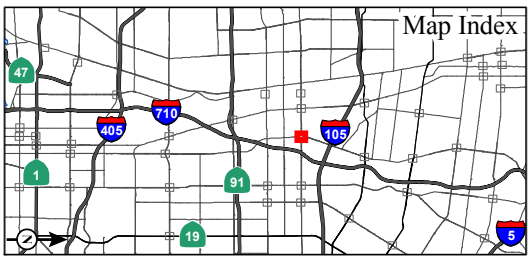
Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9

EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150

FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O

Sheet 21 of 42

I-710 Corridor Project EIR/EIS

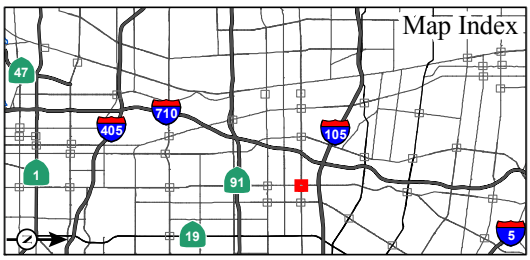
Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9

EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150

FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O

Sheet 22 of 42

I-710 Corridor Project EIR/EIS

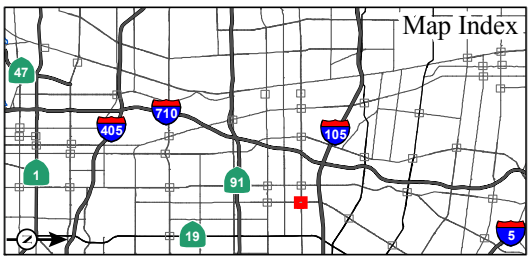
Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9

EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 23 of 42

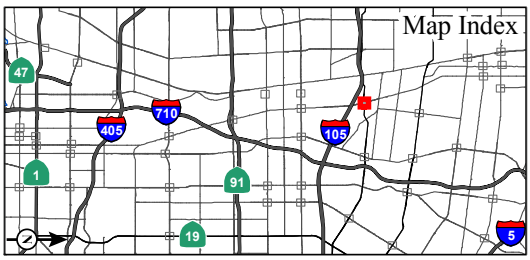
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 24 of 42

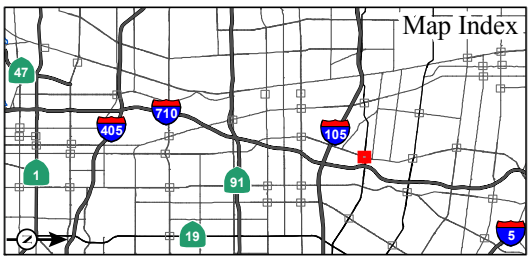
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 25 of 42

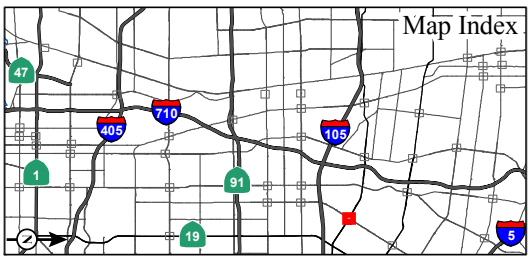
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



APPENDIX O
Sheet 26 of 42

I-710 Corridor Project EIR/EIS

Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

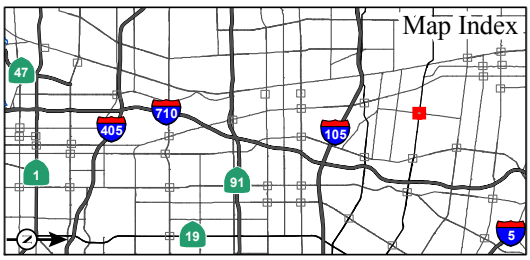
0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 27 of 42

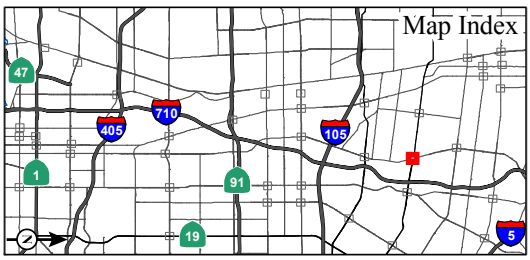
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 28 of 42

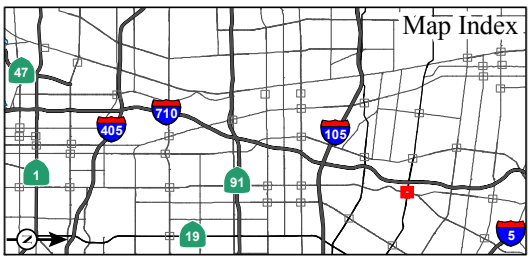
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 29 of 42

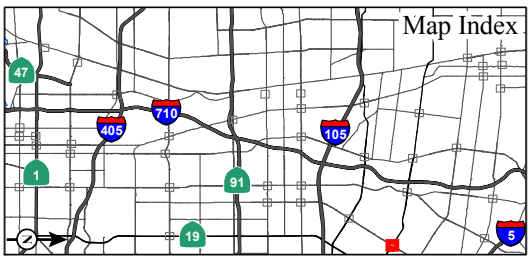
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 30 of 42

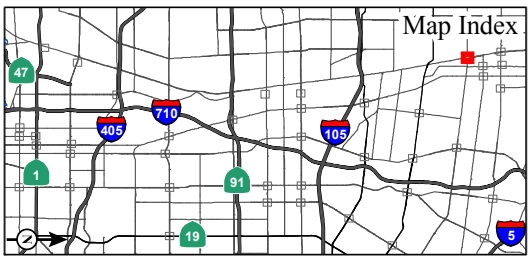
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 31 of 42

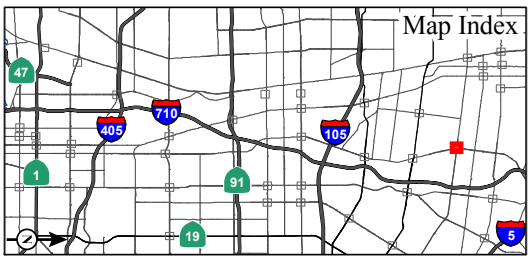
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 32 of 42

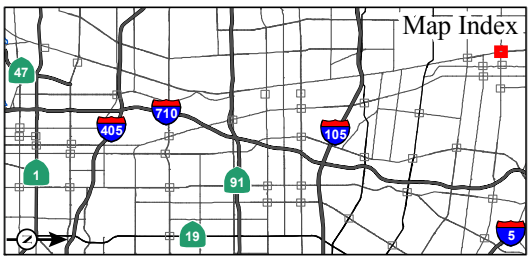
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 33 of 42

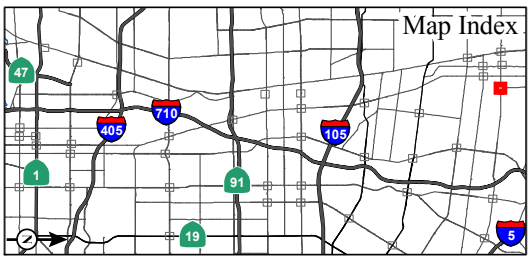
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 34 of 42

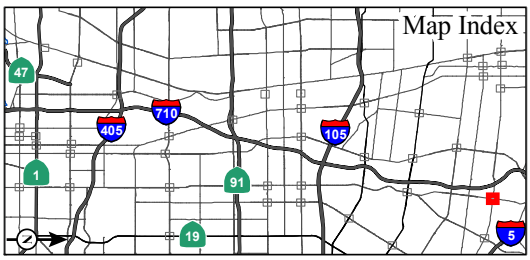
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



APPENDIX O
Sheet 35 of 42

I-710 Corridor Project EIR/EIS

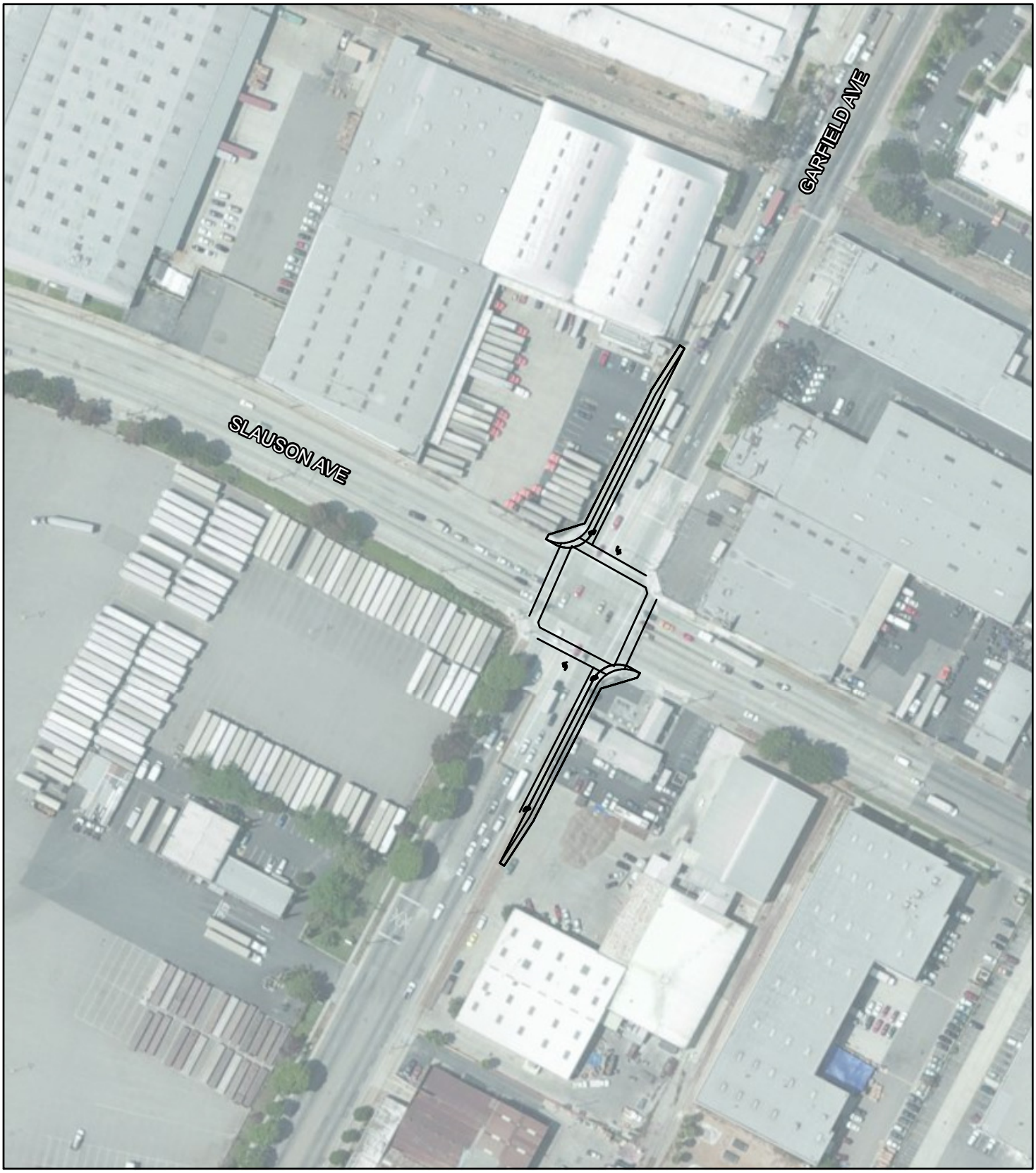
Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

0 75 150
FEET

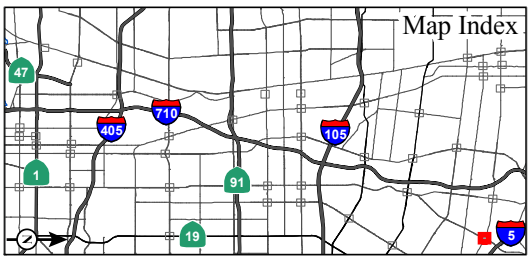
SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)



LEGEND

Arterial Intersection Geometrics



0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 36 of 42

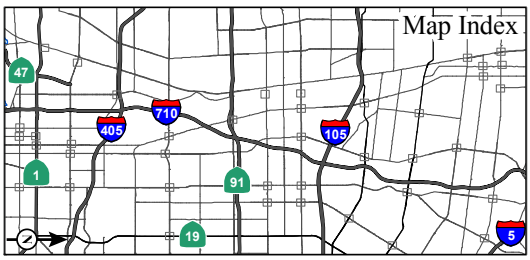
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

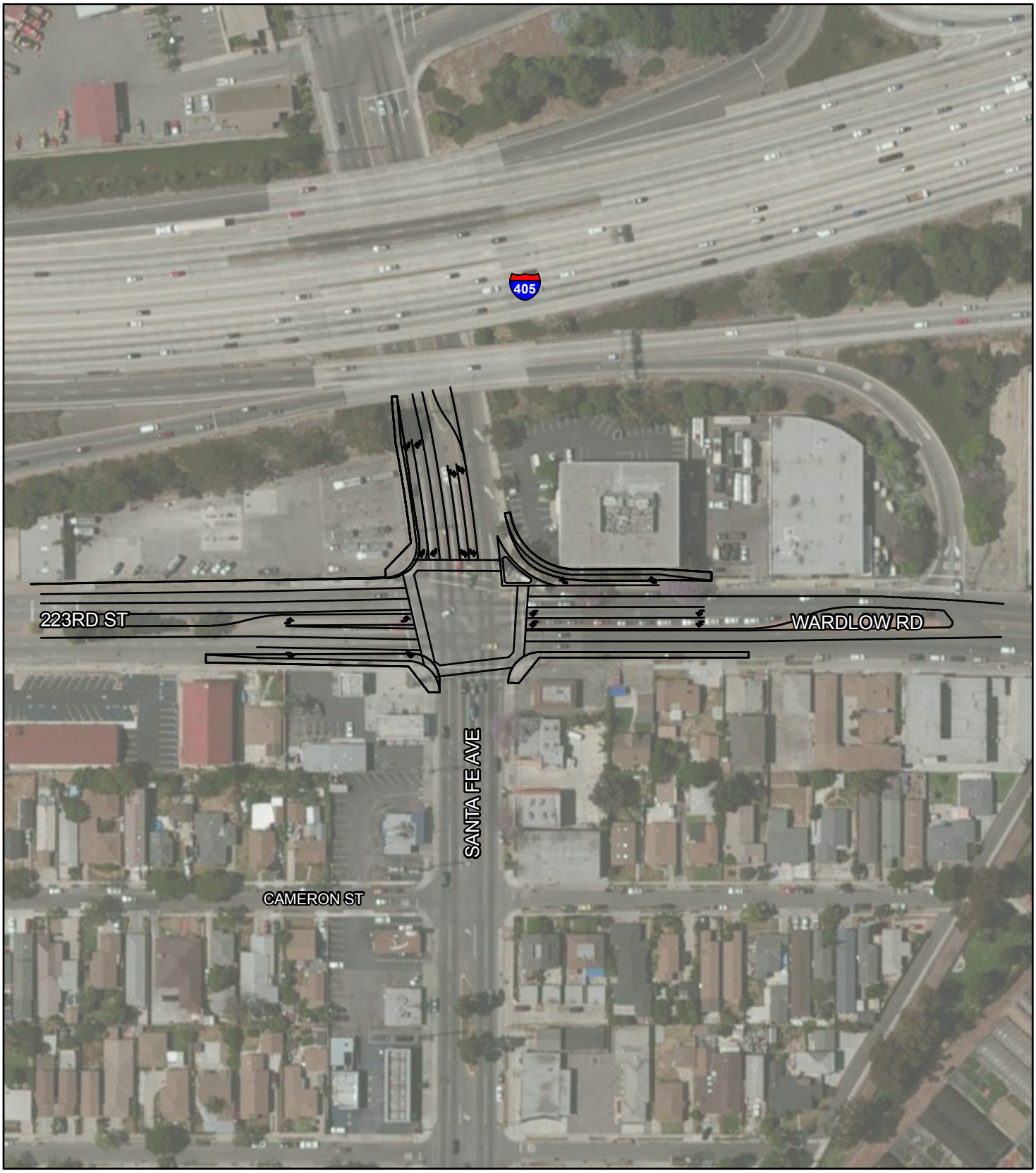
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 37 of 42

I-710 Corridor Project EIR/EIS

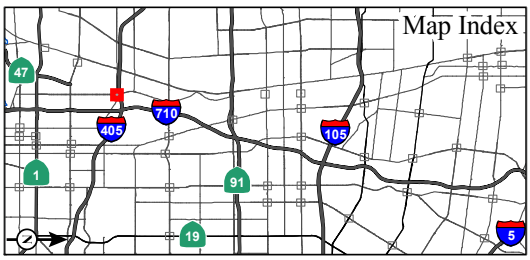
Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



LEGEND

Arterial Intersection Geometrics



N

0 75 150

FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O

Sheet 38 of 42

I-710 Corridor Project EIR/EIS

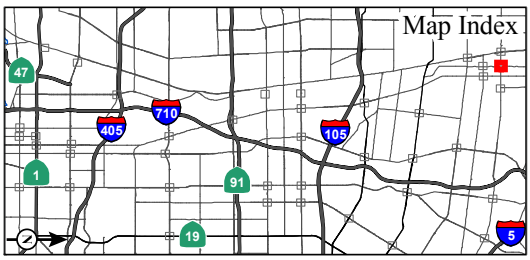
Arterial Intersections Concept Plans

07-LA-710- PM 4.9/24.9

EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 39 of 42

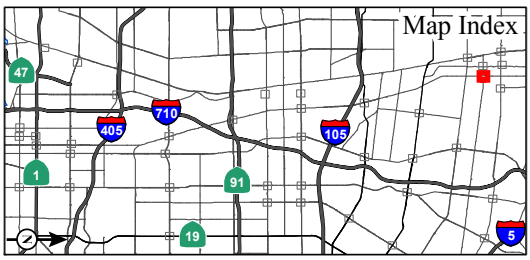
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 40 of 42

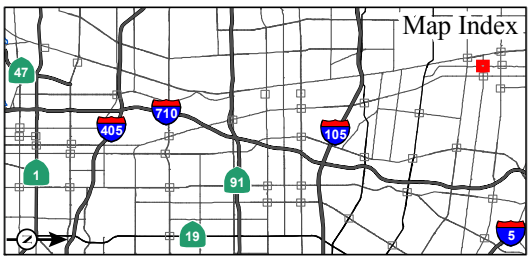
I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900

LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

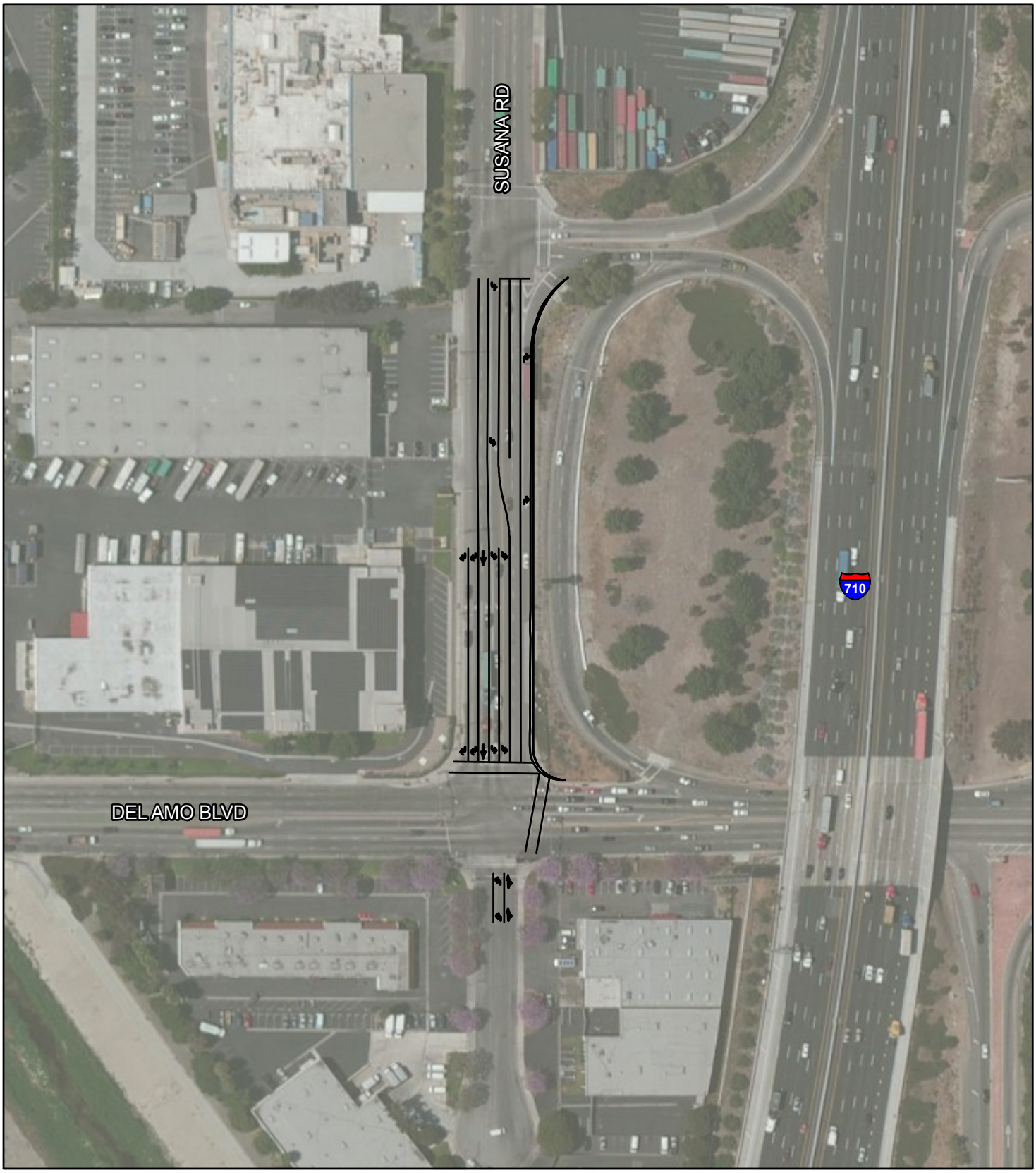
I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 41 of 42

I-710 Corridor Project EIR/EIS

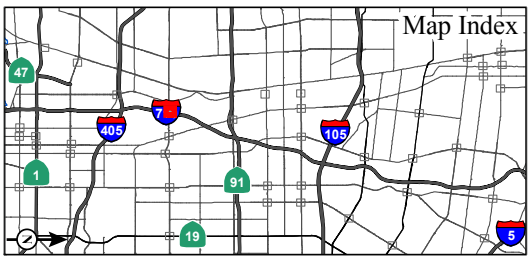
Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900



LEGEND

Arterial Intersection Geometrics



N

0 75 150
FEET

SOURCE: BING (2009); URS (7/2011)

I:\URS0801A\GIS\EIR_EIS\Concept_Plans_Intersections.mxd (6/13/12)

APPENDIX O
Sheet 42 of 42

I-710 Corridor Project EIR/EIS

Arterial Intersections
Concept Plans

07-LA-710- PM 4.9/24.9
EA 249900