No Build / Baseline

LEGEND

- EXISTING SR-55/NEWPORT BLVD
- CITY STREET IMPROVEMENTS
- CITY LIMITS
- EXISTING OCTA BUS ROUTES
- PROPOSED BRT ROUTES

COMPONENTS

1. MAINTAIN SR-55/NEWPORT BLVD IN EXISTING CONDITION.
2. 4 NB LANES ON NEWPORT BLVD FROM 17TH ST TO 19TH ST.
3. 3 SB LANES ON NEWPORT BLVD FROM BROADWAY TO 17TH ST.
4. ADD 4th SB LANE ON NEWPORT BLVD FROM 19TH TO BROADWAY.
5. ADD SB RIGHT TURN LANE ON NEWPORT BLVD AT 17TH ST.
6. IMPROVE ORANGE/17TH ST AND SANTA ANA/17TH ST INTERSECTIONS.
7. IMPROVE MOBILITY THROUGH 17TH ST.
8. ENHANCE EXISTING BUS ROUTES WITH BRT ROUTES.

SR-55 ACCESS STUDY

NO BUILD/BASELINE

Attachment 1

Current Freeway Plan
(Easterly Freeway Extension)

OCTA

CURRENT FREEWAY PLAN (EASTERLY FREEWAY EXTENSION)

LEGEND

- PROPOSED FREEWAY EXTENSION
- PROPOSED STREET IMPROVEMENTS
- PROPOSED RAMPS
- BASELINE IMPROVEMENTS
- CITY LIMITS
- EXISTING OCTA BUS ROUTES
- PROPOSED BRT ROUTES

TYPICAL SECTION A-A
NOT TO SCALE

COMPONENTS

1. REALIGN/EXTEND SR-55 FREEWAY TO THE EAST OF EXISTING NEWPORT BLVD FROM INDUSTRIAL AVE TO JUST SOUTH OF BAY ST AS DEPRESSED FREEWAY, THREE LANES EACH DIRECTION.
2. PROVIDE STREET OVERCROSSINGS.
3. PROVIDE INTERCHANGES AT 17TH ST AND 19TH ST.

IMPACTS

- RELOCATION OF 85 RESIDENTIAL UNITS AND 40 BUSINESSES
- HIGH PROJECT COST

SR-55 ACCESS STUDY

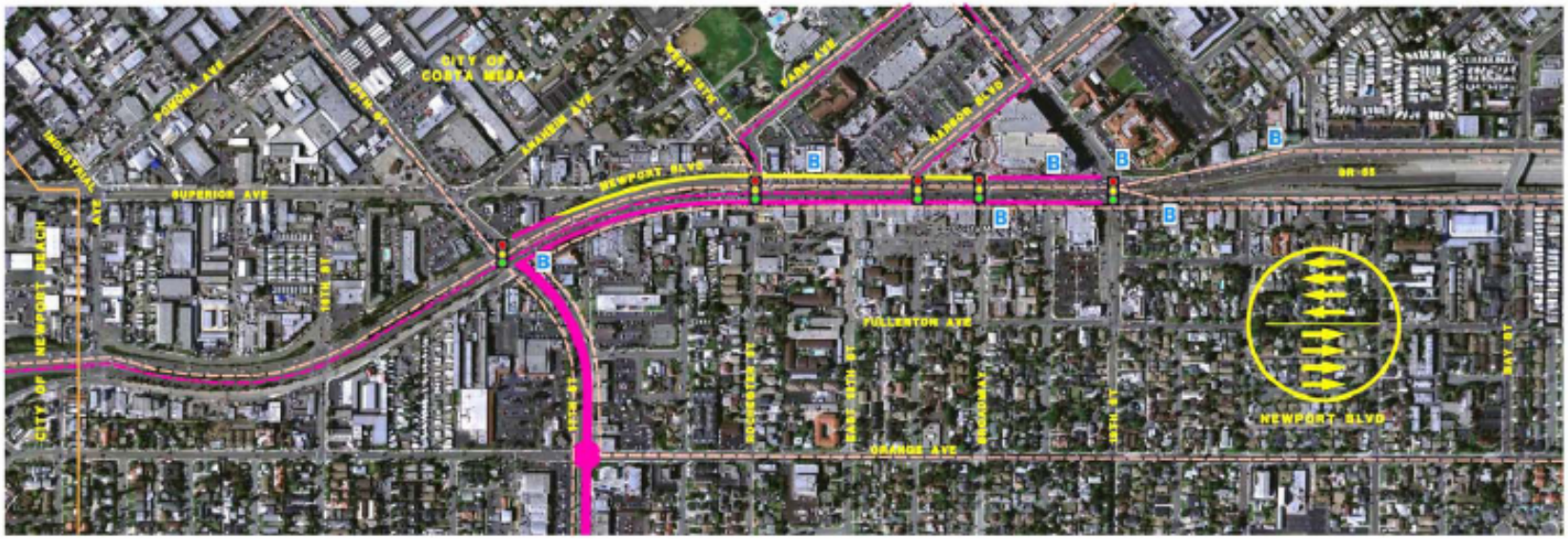
CURRENT FREEWAY PLAN (EASTERLY FREEWAY EXTENSION)

Transportation System Management

OCTA

0 250 500 1000
FEET

TRANSPORTATION SYSTEM MANAGEMENT ALTERNATIVE



LEGEND

- PROPOSED STREET IMPROVEMENTS
- BASELINE IMPROVEMENTS
- CITY LIMITS
- EXISTING OCTA BUS ROUTES
- PROPOSED BRT ROUTES
- PROPOSED SIGNAL TIMING MODIFICATIONS
- B — EXISTING BUS STOPS

COMPONENTS

1. ADD ONE SB LANE TO MAINTAIN 4 NB AND SB LANES ON NEWPORT BLVD AS CONVENTIONAL HIGHWAY FROM 19TH ST TO 17TH ST.
2. ADD BUS TURNOUTS.
3. MODIFY SIGNAL TIMING AT INTERSECTIONS.

IMPACTS

- POTENTIAL LOSS OF STREET PARKING
- ADDITIONAL RIGHT OF WAY REQUIRED

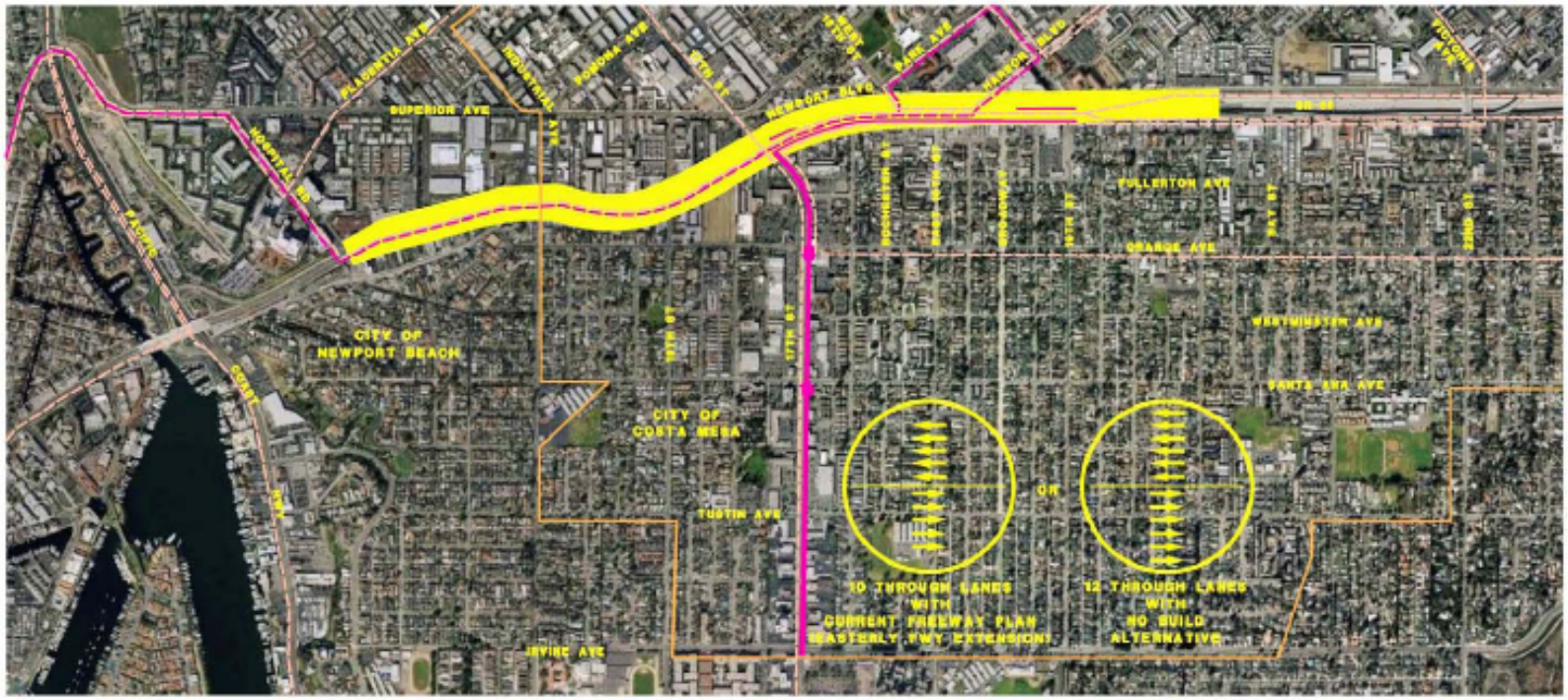
SR-55 ACCESS STUDY

TRANSPORTATION SYSTEM MANAGEMENT

Improved Conventional Highway
(Newport Blvd. Only)

OCTA

IMPROVED CONVENTIONAL HIGHWAY ALTERNATIVE (NEWPORT BOULEVARD ONLY)



LEGEND

- PROPOSED STREET IMPROVEMENTS
- BASELINE IMPROVEMENTS
- CITY LIMITS
- EXISTING OCTA BUS ROUTES
- PROPOSED BRT BUS ROUTES

COMPONENTS

1. IMPROVE MOBILITY THROUGH CORRIDOR KEEPING NEWPORT BLVD AS CONVENTIONAL HIGHWAY FROM 16TH ST TO HOSPITAL WAY.
2. ADD LANES TO NEWPORT BLVD TO IMPROVE OPERATIONAL LEVEL OF SERVICE TO "D" OR BETTER.

IMPACTS

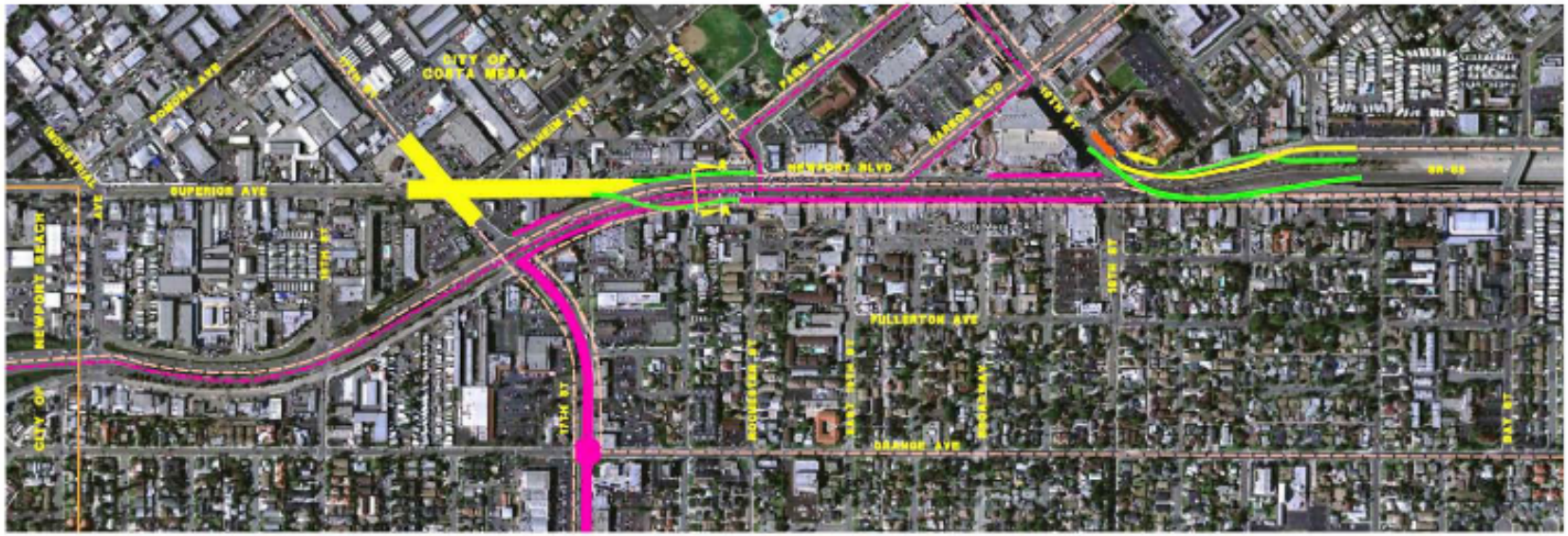
- SEVERE RESIDENTIAL AND BUSINESS IMPACTS
- HIGH PROJECT COST

SR-55 ACCESS STUDY

IMPROVED CONVENTIONAL HIGHWAY (NEWPORT BOULEVARD ONLY)

Vertical Terminal Enhancement

VERTICAL TERMINAL ENHANCEMENT



LEGEND

- PROPOSED STREET IMPROVEMENTS
- PROPOSED RAMPS
- BASELINE IMPROVEMENTS
- CITY LIMITS
- EXISTING OCTA BUS ROUTES
- PROPOSED BRT ROUTES

TYPICAL SECTION A-A
NOT TO SCALE

COMPONENTS

1. IMPROVE MOBILITY TO 19TH ST ON THE WEST SIDE OF NEWPORT BLVD:
   - ADD RAMP BRAID AT SB NEWPORT BLVD TIE-IN AT SR-55.
   - ADD FREE RIGHT FROM 19TH ST TO NEWPORT BLVD BY RELOCATING EXISTING BUS TURNOUT TO THE WEST.
   - ADD EB 19TH ST TO NB SR-55 FLYOVER.
2. IMPROVE MOBILITY AT 17TH ST ON THE WEST SIDE OF NEWPORT BLVD:
   - SIGNIFICANT GEOMETRIC IMPROVEMENTS AT NEWPORT/17TH/SUPERIOR INTERSECTION.
   - PARTIAL WIDENING ALONG SUPERIOR AVE MAY BE REQUIRED.

IMPACTS

- A VISUAL IMPACTS
- B ADDITIONAL RIGHT OF WAY REQUIRED
- C MODERATE PROJECT COST

SR-55 ACCESS STUDY

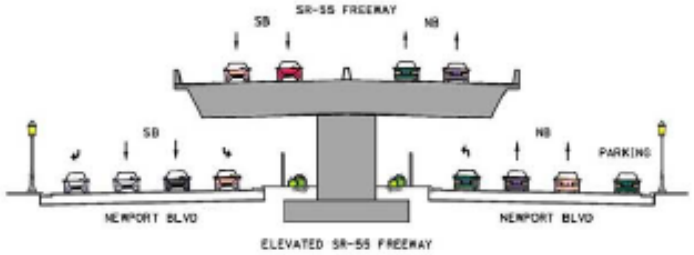
VERTICAL TERMINAL ENHANCEMENT

Freeway Elevated
(Over Newport Blvd.)

FREEWAY ELEVATED OVER NEWPORT BOULEVARD ALTERNATIVE

LEGEND

- PROPOSED ELEVATED FREEWAY
- PROPOSED STREET IMPROVEMENTS
- BASELINE IMPROVEMENTS
- PROPOSED RAMPS
- CITY LIMITS
- EXISTING OCTA BUS ROUTES
- PROPOSED BRT ROUTES



TYPICAL SECTION A-A
NOT TO SCALE

COMPONENTS

1. SR-55 FREEWAY ELEVATED OVER NEWPORT BLVD FROM 19TH ST TO INDUSTRIAL WAY.
2. CONTROLLED ACCESS FREEWAY OVER NEWPORT BLVD.
3. SIDE STREET ACCESS FROM NEWPORT BLVD.
4. PROVIDE INTERCHANGE AT 19TH ST.

IMPACTS

- HIGH PROJECT COST
- ENVIRONMENTALLY SENSITIVE ALTERNATIVE

SR-55 ACCESS STUDY

FREEWAY ELEVATED OVER NEWPORT BOULEVARD

Cut / Cover Freeway
(Along Newport Blvd.)

OCTA

0 250 500 1000
FEET

CUT/COVER FREEWAY ALONG NEWPORT BOULEVARD ALTERNATIVE

LEGEND

- PROPOSED FREEWAY EXTENSION
- PROPOSED STREET IMPROVEMENTS
- PROPOSED RAMPS
- BASELINE IMPROVEMENTS
- CITY LIMITS
- EXISTING OCTA BUS ROUTES
- PROPOSED BRT ROUTES

TYPICAL SECTION A-A
NOT TO SCALE

COMPONENTS

1. CUT AND COVER SR-55 FREEWAY ALONG NEWPORT BLVD FROM 19TH ST TO INDUSTRIAL WAY.
2. CONTROLLED ACCESS FREEWAY UNDER NEWPORT BLVD.
3. SIDE STREET ACCESS FROM NEWPORT BLVD.
4. PROVIDE INTERCHANGE AT 19TH ST.

IMPACTS

- HIGH PROJECT COST

SR-55 ACCESS STUDY

CUT/COVER FREEWAY ALONG NEWPORT BOULEVARD