TRAFFIC CONTROL PLANS
GENERAL INFORMATION

City of Long Beach Standard traffic control plans are compiled by referencing both 2014 California Manual on Uniform Traffic Control Devices (CA MUTCD) and 2016 Work Area Traffic Control Handbook (WATCH). Consistent commitment to safe and effective temporary traffic control is reflected in the Traffic Control Plans contained in this plan set.

Part 6 of the CA MUTCD manual "Temporary Traffic Control" is published by the Federal Highway Administration. WATCH handbook is intended to provide basic principles, standards and guidelines for Temporary Traffic Control zones (TTC zones). Both manuals have been approved by the California Department of Transportation (Caltrans). These manuals in combination are issued to provide the basic standard for the uniform types of warning devices, lights, and other devices placed upon any public roadway or street. Any person engaged in performing work that interferes with or endangers the movement of traffic upon a street or highway must do so safety in accordance with sections 21367 and 21400 of the California Vehicle Code.

The typical application drawing found in this plan set can be used by any individual, utility or contractor who must provide temporary traffic control to complete their work. The intent of this plan set is to provide a resource for anyone who needs to erect temporary traffic control to accommodate their construction related activities.

Before work begins, traffic control plans addressing vehicle, bike, and pedestrian traffic through a construction zone may need to be approved by the public agency or authority having jurisdiction over the roadway. Nothing contained in this plan set shall prevent local jurisdictions from modifying, changing, or adopting new specifications they deem necessary. The text and typical drawing in this Chapter are not a legal standard. Criteria for position, location, and use of traffic control devices are furnished solely for the purpose of guidance and information to assist in the preparation of temporary traffic control plans.

It is the responsibility of the Contractor or Organization performing work on, or adjacent to a roadway, to install and maintain the proper traffic control devices which are necessary to provide safety for both the traveling public and the workers.
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| DWG. 351 | Center of Road—Multilane w/Centerline—2 Lanes Closed |
| DWG. 352 | Side of Road—Multilane w/Centerline—Left Lane Closed |
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| DWG. 357 | Center of Road—Multilane w/Two-Way Left Turn—Right 2 Lanes Closed |
| DWG. 358 | Side of Road—Multilane w/Two-Way Left Turn—Right 3 Lanes Closed |
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TRAFFIC CONTROL PLANS
GENERAL INFORMATION

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DWG. 372  Center of Road—Left Turn Intersection Traffic Control
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DWG. 375  Side of Road—Intersection Traffic Control
DWG. 376  Side of Road—Right Turn Intersection Traffic Control
DWG. 377  Center of Road—Right Turn Intersection Traffic Control
DWG. 378  Side of Road—Right Turn Intersection Traffic Control
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DWG. 386  Full Street Closure — Closing of Low Speed Local Street
### TABLE 1
TEMPORARY TRAFFIC CONTROL PLAN DIMENSION GUIDELINES

<table>
<thead>
<tr>
<th>APPROACH SPEED (MPH)</th>
<th>MINIMUM DISTANCE IN FEET BETWEEN SIGNS AND FROM LAST SIGN TO TAPER</th>
<th>DIMENSION L MERGING TAPER LENGTH</th>
<th>DIMENSION L/2 SHIFTING TAPER LENGTH</th>
<th>DIMENSION L/3 SHOULDER TAPER LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>100</td>
<td>125</td>
<td>65</td>
<td>45</td>
</tr>
<tr>
<td>30</td>
<td>250</td>
<td>180</td>
<td>90</td>
<td>60</td>
</tr>
<tr>
<td>35</td>
<td>250</td>
<td>245</td>
<td>125</td>
<td>85</td>
</tr>
<tr>
<td>40</td>
<td>250</td>
<td>320</td>
<td>160</td>
<td>110</td>
</tr>
<tr>
<td>45</td>
<td>350</td>
<td>540</td>
<td>270</td>
<td>180</td>
</tr>
<tr>
<td>50</td>
<td>350</td>
<td>600</td>
<td>300</td>
<td>200</td>
</tr>
<tr>
<td>55+</td>
<td>500</td>
<td>720</td>
<td>360</td>
<td>240</td>
</tr>
</tbody>
</table>

*L=\frac{ws^2}{60} \text{ for } S \text{ of } 40 \text{ MPH or less; } L=ws \text{ for } S \text{ greater than } 40 \text{ MPH. Taper lengths shown are rounded to nearest 5 feet.}

### TABLE 2

<table>
<thead>
<tr>
<th>APPROACH SPEED (MPH)</th>
<th>BUFFER SPACE (1) AND FLAGGER STATION STOPPING SIGHT DISTANCE (2)</th>
<th>MAXIMUM CHANNELIZER TAPER SPACING (3)</th>
<th>MAXIMUM CHANNELIZER TAPER SPACING (3)</th>
<th>MAXIMUM CHANNELIZER CONFLICT SPACING (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(155) (160) (165)</td>
<td>25</td>
<td>50</td>
<td>12</td>
</tr>
<tr>
<td>25</td>
<td>(200) (205) (215)</td>
<td>30</td>
<td>60</td>
<td>15</td>
</tr>
<tr>
<td>30</td>
<td>(250) (260) (275)</td>
<td>35</td>
<td>70</td>
<td>17</td>
</tr>
<tr>
<td>35</td>
<td>(305) (315) (335)</td>
<td>40</td>
<td>80</td>
<td>20</td>
</tr>
<tr>
<td>40</td>
<td>(360) (380) (400)</td>
<td>45</td>
<td>90</td>
<td>22</td>
</tr>
<tr>
<td>45</td>
<td>(425) (450) (475)</td>
<td>50</td>
<td>100</td>
<td>25</td>
</tr>
<tr>
<td>50</td>
<td>(570) (600) (640)</td>
<td>50</td>
<td>100</td>
<td>25</td>
</tr>
<tr>
<td>55+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) Buffer space may be inserted in low-speed urban areas and should be inserted in high-speed urban and rural areas.

(2) The stopping sight distance should enable road users to see the primary flagger station and safety stop.

(3) Channelizer spacing shall be reduced by half at areas where work is taking place on curves or areas of head-on-conflict.

(4) **Table 6F-101(CA)**

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**CITY OF LONG BEACH STANDARD DRAWING**

**DEVICE SPACING TABLES**

**SIGN SPACING TABLE**

**TAPER LENGTH AND CONE SPACING TABLE**

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**Recommended by City Traffic Engineer**

**Drawing Number 344**
**TRAFFIC CONTROL PLAN/PERMIT & PERMIT EXTENSION**

<table>
<thead>
<tr>
<th>Public Utility or Company:</th>
<th>Project:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>Contact:</td>
</tr>
<tr>
<td>City:</td>
<td>State:</td>
</tr>
<tr>
<td></td>
<td>Zip Code:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contractor/ Subcontractor:</th>
<th>Project:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>Contact:</td>
</tr>
<tr>
<td>City:</td>
<td>State:</td>
</tr>
<tr>
<td></td>
<td>Zip Code:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JOB LOCATION</th>
<th>BEGIN CROSS STREET</th>
<th>END CROSS STREET</th>
<th>24 Hour Local</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Phone:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cellular:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Pager:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Fax:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PERMIT NO.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>WORK HOURS</th>
<th>continuous</th>
<th>SPEED UNIT</th>
<th>WORK TO BE DONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROM AM PM</td>
<td>TO AM PM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>START DATE</th>
<th>END DATE</th>
<th>1st WORK DATE EXTENSION</th>
<th>TO NEW END DATE</th>
<th>2nd WORK DATE EXTENSION</th>
<th>TO NEW END DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>FROM</td>
<td></td>
<td>FROM</td>
<td></td>
</tr>
</tbody>
</table>

**PERMIT WORK EXTENSIONS MUST BE OBTAINED BY THE END OF PERMIT DATE**

**REQUIREMENTS:**

1. The contractor is responsible for promptly restoring the road back to satisfactory condition which includes, but is not limited to, paving, striping, markings, signing, and loop detection.

2. The Agency reserves the right to observe these traffic control plans in operation and to make changes as field conditions warrant.

3. Trenches shall be back-filled or steel-plated during non-work hours. Steel plates shall have an ophistic ramp on all edges, securely supported so they won't rock and a sign posted near the plates identifying the contractors name and 24 hour emergency telephone number.

4. Any work that creates an undue safety risk or that creates severe congestion will be shut down by the agency.

5. A copy of all traffic requirements and traffic control plans issued by the Agency must be kept on the job site.

6. Approval of this plan does not constitute an official Permit. Contact the Agency for information on obtaining a permit.

7. All travel lanes will typically be a minimum of 12 feet wide, 14 feet if adjacent to bike lanes, unless otherwise specifically approved by the Agency.

8. Flashing arrow boards as required by the Agency.

9. Warning (W) series signs used in work zones shall be Black on an Orange background.

10. Cones and pylons shall have yellow reflectorized sleeves when placed along the centerline and white reflectorized sleeves along the outside shoulder.

11. If parking is allowed in the advance warning area, advance warning signs shall be mounted on high level devices.

12. The contractor shall post tow-away/no parking signs twenty-four (24) hours in advance, with the day of week, date and work hours noted, and shall bag parking meters (where applicable).

The applicant is responsible for complete representation of the actual road conditions shown on this plan including, but not limited to, existing striping, signing, sidewalks and bike lanes.

**APPLICANTS:**

Name (print) ____________________________
Address ________________________________
Phone Number ____________________________
Signature ________________________________

Agent of:
- Owner
- Contractor
- Sign/Barricade co.
- Other

**PERMIT APPROVED**

By: ____________________________
Date: ____________________________

*SUBJECT TO LOCAL AGENCY REQUIREMENTS*

SEE ATTACHED SHEET(S) OR REFERENCED STANDARD DRAWING(S) THAT MAY BE APPLICABLE
CITY OF LONG BEACH STANDARD DRAWING
SIDE OF ROAD WORK AREA
TWO LANE TRAFFIC CONTROL
WITHOUT CENTERLINE

AGENCY ENGINEER'S COMMENTS

GENERAL NOTES
Applicant must identify all roadways impacted.
For hours of darkness, change cones to vertical barricades with steady burn lights.
This plan DOES NOT apply to signalized or multi-way stop intersections. Consult the local jurisdiction when preparing Traffic Control Plans near these intersections.
This plan MAY NOT apply when the work areas affect bike lanes, sidewalks, pedestrian access and curved or narrow roadways. Consult the approving agency when preparing the Traffic Control Plan for these areas.
Nothing contained on this drawing shall prevent local jurisdictions from modifying, changing or adopting new specifications deemed necessary. Criteria for position, location and use of Traffic Control Devices is solely for the purpose of guidance to assist in the set up of the Traffic Control Plans.

See DWG# 345 is required for all Traffic Control Plans.
FOR SIGN SPACING SEE DWG# 344

G20-2

TEMPORARY "NO PARKING" AREA

W20-1

W3-4

C9A(CA)


d CONES OPTIONAL WHERE NO PARKING IS ALLOWED

R4-7b

R4-7a

KEEP (RIGHT)

KEEP (RIGHT)

SEE GENERAL NOTES

EYE CONTACT MUST BE MAINTAINED BETWEEN FLAGGERS OR USE 2-WAY COMMUNICATION

LEGEND

• CONE → BARRICADE  ⚠️ FLAGGER  ⭕️ SIGN  ⭕️ FLASHING ARROW SIGN  ⭕️ WORK AREA  → TRAFFIC DIRECTION

AGENCY ENGINEER'S COMMENTS

GENERAL NOTES

Applicant must identify all roadways impacted.

For hours of darkness, change cones to vertical barricades with steady burn lights.

This plan DOES NOT apply to signalized or multi-way stop intersections. Consult the local jurisdiction when preparing Traffic Control Plans near these intersections.

This plan MAY NOT apply when the work areas affect bike lanes, sidewalks, pedestrian access and curbed or narrow roadways. Consult the approving agency when preparing the Traffic Control Plan or these areas.

Nothing contained on this drawing shall prevent local jurisdictions from modifying, changing or adopting use specifications deemed necessary. Criteria for position, location and use of Traffic Control Devices is solely for the purpose of guidance to assist in the set up of the Traffic Control Plans.

See DWG# 344 for sign, cone spacing and taper length.
CITY OF LONG BEACH
SIDE OF ROAD WORK AREA
MULTILANE TRAFFIC CONTROL WITH CENTERLINE RIGHT LANE CLOSURE - ONE LANE CLOSED

LEGEND
- CONE - BARRICADE - FLAGGER - SIGN
- FLASHING ARROW SIGN
- WORK AREA
- TRAFFIC DIRECTION

AGENCY ENGINEER'S COMMENTS

GENERAL NOTES
Applicant must identify all roadways impacted.
For hours of darkness, change cones to vertical barricades with steady burn lights.
This plan DOES NOT apply to signalized or multi-way stop intersections. Consult
the local jurisdiction when preparing Traffic Control Plans near these intersections.
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curbed or narrow roadways. Consult the approving agency when preparing the Traffic Control Plan near these areas.
Nothing contained on this drawing shall prevent local jurisdictions from modifying,
changing or adopting new specifications deemed necessary. Criteria for position,
location and use of Traffic Control Devices is solely for the purpose of
guidance to assist in the setting up of the Traffic Control Plans.
See DWG# 345 is required for all Traffic Control Plans.
MULTILINE TRAFFIC CONTROL WITH TWO WAY LEFT TURN
RIGHT TRAFFIC LANE CLOSURE - ONE LANE

SIDE OF ROAD WORK AREA
CITY OF LONG BEACH STANDARD DRAWING

LEGEND
- CONE ← BARRICADE  □ FLAGGER  ← SIGN  ← FLASHING ARROW SIGN
  □ WORK AREA  ← TRAFFIC DIRECTION

AGENCY ENGINEER'S COMMENTS

GENERAL NOTES
Applicant must identify all roadways impacted.
For hours of darkness, change cones to vertical barricades with steady burn lights.
This plan DOES NOT apply to signalized or multi-way stop intersections. Consult
the local jurisdiction when preparing Traffic Control Plans near these intersections.
This plan MAY NOT apply when the work areas effect bike lanes, sidewalks,
pedestrian access and curved or narrow roadways. Consult the approving agency
when preparing the Traffic Control Plan or these areas.
Nothing contained on this drawing shall prevent local jurisdictions from modifying,
changing or adopting new specifications deemed necessary. Criteria for position,
location and use of Traffic Control devices is solely for the purpose of guidance to assist in the set up of the Traffic Control Plans.

See DWG# 345 is required for all Traffic Control Plans.
MULTIPLE LANE TRAFFIC CONTROL WITH TWO WAY LEFT TURN

CITY OF LONG BEACH STANDARD DRAWING

AGENCY ENGINEER'S COMMENTS

GENERAL NOTES

SUBMITTED BY:
NAME
COMPANY
ADDRESS
PHONE

APPLICANT USE

AGENCY USE

LEGEND

- CONE
- BARRICADE
- FLAGGER
- SIGN
- FLASHING ARROW SIGN
- WORK AREA
- TRAFFIC DIRECTION

SEE GENERAL NOTES

FOR SIGN SPACING SEE DWG# 344

FOR SIGN SPACING SEE DWG# 344

FOR SIGN SPACING SEE DWG# 344

FOR SIGN SPACING SEE DWG# 344

SEE DWG# 344 FOR SIGN SPACING AND TAPER LENGTH

POSTED SPEED LIMIT
APPROACH SPEED
TAPER LENGTH
SPACING OF CONES
SIGN SPACING

See DWG# 345 is required for all Traffic Control Plans.

Applicant must identify all roadways impacted.

For hours of darkness, change cones to vertical barricades with steady burn lights.

This plan DOES NOT apply to signalized or multi-way stop intersections. Consult the local jurisdiction when preparing Traffic Control Plans near these intersections.

This plan MAY NOT apply when the work areas affect bike lanes, sidewalks, pedestrian access and signed or narrow roadways. Consult the approving agency when preparing the Traffic Control Plan for these areas.

Nothing contained on this drawing shall prevent local jurisdictions from modifying, changing or adopting new specifications deemed necessary. Criteria for position, location and use of Traffic Control Devices is subject for the purpose of guidance to assist in the set up of the Traffic Control Plans.
LEGEND

- Cone  +  Barricade  /  Flagger  =  Sign  ☑  Flashing Arrow Sign  □  Work Area  →  Traffic Direction

AGENCY ENGINEER’S COMMENTS

GENERAL NOTES

Applicant must identify all roadways impacted.
For hours of darkness, change cones to vertical barricades with steady burn lights.
This plan DOES NOT apply to signalized or multi-way stop intersections. Consult the local jurisdiction when preparing Traffic Control Plans near these intersections.
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See DWG# 344 for sign, cone spacing and taper length.

See DWG# 345 is required for all Traffic Control Plans.
CITY OF LONG BEACH STANDARD DRAWING
MULTILANE TRAFFIC CONTROL WITH RAISED MEDIAN
RIGHT LANE CLOSURE - ONE LANE CLOSED

AGENCY ENGINEER'S COMMENTS

GENERAL NOTES
Applicant must identify all roadways impacted.
For hours of darkness, change cones to vertical barricades with steady burn lights.
This plan DOES NOT apply to signalized or multi-way stop intersections. Consult the local jurisdiction when preparing Traffic Control Plans near these intersections.
This plan MAY NOT apply when the work areas affect bike lanes, sidewalks, pedestrian access and curved or narrow roadways. Consult the approving agency when preparing the Traffic Control Plan or these areas.
Nothing contained on this drawing shall prevent local jurisdictions from modifying, changing or adopting new specifications deemed necessary. Criteria for position, location and use of Traffic Control Devices is safety for the purpose of guidance to assist in the setup of the Traffic Control Plans.
See DWG# 344 is required for all Traffic Control Plans.

LEGEND
- CONE  ↔ BARRICADE  □ FLAGGER  ←→ SIGN
□ FLASHING ARROW SIGN  □ WORK AREA  ←→ TRAFFIC DIRECTION

POSTED SPEED LIMIT  APPROACH SPEED  TAPER LENGTH  SPACING OF CONES  SIGN SPACING

SUBMITTED BY:
NAME
COMPANY
ADDRESS
PHONE

AGENCY USE

SUBMITTED BY:
NAME
COMPANY
ADDRESS
PHONE

AGENCY NUMBER

PROJECT NUMBER

DRAWING NUMBER

SIGNED:

REVISED:

APPROVED:

DATE:

SIGN SPACING SEE DWG# 344
FOR SIGN SPACING SEE DWG# 344

END ROAD WORK
g20-2

TEMPORARY "NO PARKING" AREA

BUFFER SPACE

CHEVRON MODE

TAPEr - SEE DWG# 344

LANE CLOSED

C30(CA)

12' MINIMUM

RAISED OR PAINTED MEDIAN

SEE GENERAL NOTES

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

END ROAD WORK g20-2

TEMPORARY "NO PARKING" AREA

BUFFER SPACE

CHEVRON MODE

TAPEr - SEE DWG# 344

LANE CLOSED

C30(CA)

12' MINIMUM

RAISED OR PAINTED MEDIAN

SEE GENERAL NOTES

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

END ROAD WORK g20-2

TEMPORARY "NO PARKING" AREA

BUFFER SPACE

CHEVRON MODE

TAPEr - SEE DWG# 344

LANE CLOSED

C30(CA)

12' MINIMUM

RAISED OR PAINTED MEDIAN

SEE GENERAL NOTES

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

END ROAD WORK g20-2

TEMPORARY "NO PARKING" AREA

BUFFER SPACE

CHEVRON MODE

TAPEr - SEE DWG# 344

LANE CLOSED

C30(CA)

12' MINIMUM

RAISED OR PAINTED MEDIAN

SEE GENERAL NOTES

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1

W4-2(RT) W20-5(RT) W20-1
MULTILANE ROAD WORK AREA
LEFT LANE LANE CLOSURE - ONE LANE CLOSED

CENTER OF ROAD WORK AREA
RAISED OR PAINTED MEDIAN

TEMPORARY "NO PARKING" AREA

LEGEND
- CONE • BARRICADE  □ FLAGGER  ■ SIGN
  ✤ FLASHING ARROW SIGN  □ WORK AREA  → TRAFFIC DIRECTION

AGENCY ENGINEER'S COMMENTS

GENERAL NOTES
Applicant must identify all roadways impacted.

For hours of darkness, change cones to vertical barricades with steady burn lights.

This plan DOES NOT apply to signalized or multi-way stop intersections. Consult the
local jurisdiction when preparing Traffic Control Plans near these intersections.

This plan MAY NOT apply when the work areas affect bike lanes, sidewalks,
pedestrian access and curved or narrow roadways. Consult the approving agency
when preparing the Traffic Control Plan or these areas.

Nothing contained on this drawing shall prevent local jurisdictions from modifying,
changing or adopting new specifications deemed necessary. Criteria for position,
location and use of Traffic Control Devices is solely for the purpose of
guidance to assist in the set up of the Traffic Control Plans.

See DWG# 344 for sign, cone, spacing and taper length.

SUBMITTED BY:
NAME
COMPANY
ADDRESS
PHONE

AGENCY USE

RECOMMENDED BY CITY TRAFFIC ENGINEER

APPLICANT USE

362
* TURN MOVEMENTS MAY BE RESTRICTED.

**LEGEND**
- Cone ++ * Barricade  F Flagger  S Sign
- Flashing Arrow Sign
- Work Area
- Traffic Direction

**AGENCY ENGINEER'S COMMENTS**

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**GENERAL NOTES**
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See DWG# 344 for seeing Cones spacing and taper length.
See DWG# 345 is required for all Traffic Control Plans.
CITY OF LONG BEACH STANDARD DRAWING

WORK BEYOND INTERSECTION LEFT LANE CLOSURE

CENTRAL OF ROAD WORK AREA

SIGN SPACING
SEE DWG# 344
USE FOR ALL INTERSECTION LEGS

W20-1
R3-2
R3-2

END ROAD WORK
G20-2

ROAD WORK AREA

W20-1
W20-5(LT)
W4-2(LT)

ROAD WORK AREA

LEAVE LANE CLOSED AHEAD

LANCE CLOSED

SIGN SPACING
SEE DWG# 344
USE FOR ALL INTERSECTION LEGS

C30(CA)

TEMPORARY "NO PARKING" AREA

* TURN MOVEMENTS MAY BE RESTRICTED.

LEGEND

● CONE ++ BARRICADE ✎ FLAGGER ─ SIGN

☑ FLASHING ARROW SIGN

□ WORK AREA

Arrow
TRAFFIC DIRECTION

POSTED SPEED
APPROACH
SPACING
TAPER
SIGN
LIMIT
SPEED
OF CONES
SPACING

AGENCY ENGINEER'S COMMENTS

GENERAL NOTES

Applicant must identify all roadways impacted.
For hours of darkness, change cones to vertical barricades with steady burn lights.
This plan DOES NOT apply to signalized or multi-way stop intersections. Consult the
local jurisdiction when preparing Traffic Control Plans near these intersections.
This plan MAY NOT apply when the work areas affect bike lanes, sidewalks,
pedestrian access and curved or narrow roadways. Consult the approving agency
when preparing the Traffic Control Plan or these areas.

Nothing contained on this drawing shall prevent local jurisdictions from modifying,
changing or adopting new specifications deemed necessary. Criteria for position,
location and use of Traffic Control Devices is solely for the purpose of
guidance to assist in the set up of the Traffic Control Plans.

See DWG# 345 is required for all Traffic Control Plans.
* TURN MOVEMENTS MAY BE RESTRICTED.

**LEGEND**
- **CONE** + **BARRICADE** + **FLAGGER** + **SIGN**
- **FLASHING ARROW SIGN**
- **WORK AREA**
- **TRAFFIC DIRECTION**

**AGENCY ENGINEER’S COMMENTS**

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SIDE OF LONG BEACH STANDARD DRAWING

WORK BEYOND INTERSECTION SHOULDER CLOSURE

12' MINIMUM
TEMPORARY NO PARKING AREA

SIGN SPACING
SEE DWG# 344
USE FOR ALL INTERSECTION LEGS

* TURN MOVEMENTS MAY BE RESTRICTED.

CONES — BARRICADE — FLAGGER — SIGN
FLASHING ARROW SIGN

WORK AREA — TRAFFIC DIRECTION

AGENCY ENGINEER'S COMMENTS

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See DWG# 345 is required for all Traffic Control Plans.
SIGN SPACING
SEE DWG# 344
USE FOR ALL INTERSECTION LEGS

ROAD WORK
END
C20-2

KEEP
LEFT
W20-1
R4-8a

KEEP
LEFT
R3-4
R4-8a

TEMPORARY "NO PARKING" AREA
C30(CA)
LANE CLOSED

CHEVRON MODE

SIGN SPACING
SEE DWG# 344
USE FOR ALL INTERSECTION LEGS

ROAD WORK
END
W20-1
W20-5(RT)
W4-2(RT)

12' MINIMUM

12' MINIMUM

BUFFER SPACE

CAUTION MODE ONLY (OPTIONAL)

NARROW LANE
C12(CA)

NARROW LANE
C12(CA)

ROAD WORK
END
G20-2

* TURN MOVEMENTS MAY BE RESTRICTED.

LEGEND

- CONE + BARRICADE
- FLASHER
- SIGN
- FLASHING ARROW SIGN
- WORK AREA
- TRAFFIC DIRECTION

AGENCY ENGINEER'S COMMENTS

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See DWG# 344 for cone, cone spacing and taper length

SUBMITTED BY:
NAME
COMPANY
ADDRESS
PHONE

AGENCY USE

APPLICANT USE

DRAWING NUMBER

RECOMMENDED BY:

ATTACHMENT NUMBER

PREPARED BY:

3/7/0

3/7/0
SIGN SPACING
SEE DWG# 344
USE FOR ALL
INTERSECTION LEGS

* TURN MOVEMENTS MAY BE RESTRICTED.

LEGEND
- CONE • BARRICADE • FLAGGER • SIGN • FLASHING ARROW SIGN
- WORK AREA • TRAFFIC DIRECTION

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CITY OF LONG BEACH STANDARD DRAWING
LEFT TURN INTERSECTION TRAFFIC CONTROL

END ROAD WORK
G20-1

USE DWG# 352 FOR TRAFFIC CONTROL ON THIS LEG

END ROAD WORK
G20-2

USE TEMPORARY STRIPE TAPE FOR LEFT TURN GUIDE

KEEP
R4-7g

LANE CLOSED

C30(CA)

FOR SIGN SPACING
SEE DWG# 344

TAPER CONE ARRANGEMENT AS MUCH AS SPACE ALLOWS

SEE DWG# 344 FOR SIGN SPACING

* TURN MOVEMENTS MAY BE RESTRICTED.

LEGEND

- CONE + BARICADE + FLASHER + SIGN

- FLASHING ARROW SIGN

- WORK AREA

- TRAFFIC DIRECTION

AGENCY ENGINEER’S COMMENTS

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APPLICATION USE

SUBMITTED BY:

NAME

COMPANY

ADDRESS

PHONE

AGENCY USE

RECOMMENDED BY CITY TRAFFIC ENGINEER

PREPARED BY

APPLICATION NUMBER

372

See DWG# 345 is required for all Traffic Control Plans.
* TURN MOVEMENTS MAY BE RESTRICTED.

**LEGEND**
- **CON** E Barricade
- **FLG** Flagger
- **S** Sign
- **USA** Flashing Arrow Sign
- **W** Work Area
- **T** Traffic Direction

**AGENCY ENGINEER’S COMMENTS**

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*TURN MOVEMENTS MAY BE RESTRICTED.*

**LEGEND**
- **Cone**
- **Flagger**
- **Barricade**
- **Sign**
- **Flashing Arrow Sign**
- **Work Area**
- **Traffic Direction**

**AGENCY ENGINEER'S COMMENTS**

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See **DWG 345** is required for all Traffic Control Plans.
For sign spacing see DWG# 344

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City of Long Beach Standard Drawing

For sign spacing see DWG# 344

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Legend

- Cone
- Barricade
- Flagger
- Sign
- Flashing Arrow Sign
- Work Area
- Traffic Direction

Agency Engineer's Comments

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General Notes

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CITY OF LONG BEACH STANDARD DRAWING
TYPICAL PEDESTRIAN CONTROL SIGNS

SIDE OF ROAD WORK AREA

NOTE: THIS STANDARD FOR PEDESTRIAN CONTROLS ONLY.

USE DWG# 350 FOR TRAFFIC CONTROL ON THIS LEG

LEGEND

CONES ----- BARRICADE  FLASHER  SIGN

FLASHER ARROW SIGN  WORK AREA

TRAFFIC DIRECTION

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See DWG# 344 for Sign, Cone, Spacing and Taper Length

POSTED SPEED LIMIT  APPROACH SPEED  TAPER LENGTH  SPACING OF CONES  SIGN SPACING

SUBMITTED BY:
NAME
COMPANY
ADDRESS
PHONE

AGENCY ENGINEER'S COMMENTS

AGENCY USE

APPLICANT USE

DRAWING NUMBER
381

RECEIVED DATED
12/3/98

DRAWN BY
Traffic Engineer

NEW ADDENDA
7/12/99
* RAISED OR PAINTED MEDIAN

* MEDIAN MAY REQUIRE TEMPORARY PAVEMENT TO CONVEY TRAFFIC VOLUME.

**LEGEND**

- **CONE**
- **BARRICADE**
- **FLAGGER**
- **SIGN**
- **FLASHING ARROW SIGN**
- **WORK AREA**
- **TRAFFIC DIRECTION**

**AGENCY ENGINEER'S COMMENTS**

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See DWG# 345 is required for all Traffic Control Plans.
RAISED OR PAINTED MEDIAN

LEGEND

- CONE ⫸ BARRICADE ⫸ FLAGGER ⫸ SIGN ⫸ FLASHING ARROW SIGN
- WORK AREA ⫸ TRAFFIC DIRECTION

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See DWG# 344 for sign, cone, spacing and taper length.

SAFETY REQUIREMENTS

- CONES 50' MAX. SPACING
- SEE DWG# 344 FOR BUFFER
- SEE DWG# 344 FOR TAPER
- CONES 25' MAX. SPACING

SUBMITTED BY:
NAME
COMPANY
ADDRESS
PHONE

AGENCY USE

APPLICANT USE
SIDE OF ROAD WORK AREA
PARKING PROTECTED BIKE LANE CLOSURE
(USE FOR INTERSECTION OR MID-BLOCK)

LEGEND
- CONE --- BARRICADE — FLASHER — SIGN
- FLASHER ARROW SIGN — WORK AREA — TRAFFIC DIRECTION

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See DWG# 344 for sign cone spacing and taper length

SUBMITTED BY:
NAME
COMPANY
ADDRESS
PHONE

AGENCY USE
APPLICANT USE

RECOMMENDED BY CITY TRAFFIC ENGINEER

385
LEGEND
- CONE  BARRICADE  FLAGGER  SIGN
                FLAShING ARROW SIGN  WORK AREA  TRAFFIC DIRECTION

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