

CITY OF ENCINITAS TRAFFIC CONTROL NOTES

- 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.
- THE AGENCY RESERVES THE RIGHT TO OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND TO MAKE CHANGES AS FIELD CONDITIONS WARRANT.
- TRENCHES SHALL BE BACKILLED, OR STEEL PLATED DURING NON-WORKING HOURS. STEEL PLATES SHALL HAVE AN ASPHALTIC RAMP ON ALL EDGES OR RECESSED AND FLUSH W/ROAD SURFACE SUPPORTED SO THEY WONT ROCK, AND ASSIGN POSTED NEAR THE PLATES IDENTIFYING THE CONTRACTORS NAME AND 24 HOURS EMERGENCY TELEPHONE NUMBER. ALL DIRT, DUST AND DEBRIS SHALL BE REMOVED FOR THE STREET AT THE END OF EACH DAY AND AT THE END OF EACH JOB WITH ALL USA MARK OUTS. THE STREET SHALL BE KEPT IN A DRIVABLE CONDITION AT ALL TIMES.
- ANY WORK THAT CREATES UNDUE SAFETY RISK OR THAT CREATES SEVERE CONGESTION MAY BE SHUT DOWN BY THE AGENCY.
- A COPY OF ALL REQUIREMENTS AND CONTROL PLANS ISSUED BY THE AGENCY MUST BE KEPT ON THE JOB SITE.
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN OFFICIAL PERMIT. CONTACT THE AGENCY FOR THE INFORMATION ON OBTAINING A PERMIT.
- ALL TRAVEL LANES WILL TYPICALLY BE A MINIMUM OF 12 FEET WIDE, 14 FEET IF ADJACENT TO CLOSED BIKE LANES, UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE AGENCY.
- FLASHING ARROW BOARDS AS REQUIRED BY THE AGENCY.
- WARNING (W) SERIES SIGNS USED IN WORK ZONES SHALL BE BLACK ON AN ORANGE BACKGROUND.
- CONES AND PYLONS SHALL HAVE WHITE REFLECTORIZED SLEEVES WHEN PLACED THE CENTERLINE OR ALONG OUTSIDE SHOULDER.
- IF PARKING IS ALLOWED IN THE ADVANCE WARNING AREA, ADVANCED WARNING SIGNS SHALL BE MOUNTED ON HIGH LEVEL DEVICES.
- ALL CONFLICTING SIGNS SHALL BE COVERED.
- THE CONTRACTOR SHALL POST TOW-AWAY /NO PARKING SIGNS AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE, WITH THE DAY OF THE WEEK, DATE AND WORK HOURS NOTED AND SHALL BAG PARKING METERS (WHERE APPLICABLE). *
- PLACE W20-1 AND G20-2 SIGNS ON ALL SIDE STREETS WITH THE CONSTRUCTION ZONE AND PER TCP-4 AS FLEED CONDITIONS PERMIT.
- FLAGGERS SHALL BE ILLUMINED AT THE NIGHT PER THE MOST CURRENT CA MUTCD.
- ALL TRAFFIC CONTROL DEVICES SHALL CONFORM WITH THE MOST CURRENT CA MUTCD REQUIREMENTS REGARDING MINIMUM RETRO REFLECTIVITY, MINIMUM SIZES, MINIMUM MOUNTING HEIGHTS, AND USAGE. LARGER DEVICE SIZES MAY BE SPECIFIED BY THE AGENCY.
- TRAFFIC CONTROL SIGNS SHALL NOT BE MODIFIED IN THE FIELD WITH DUCT TAPE, ELECTRICAL TAPE, OR ANY OTHER NON-APPROVED METHOD.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING THE LOCATIONS OF THE SCHOOLS THAT WILL BE AFFECTED IN THE AREA IMPENDING WORK. DUE TO PEAK VOLUMES OF PEDESTRIANS AND THE VEHICULAR TRAFFIC ASSOCIATES WITH SCHOOLS, THE CONTRACTOR MAY BE REQUIRED TO DELAY THE START OF CONSTRUCTION OPERATIONS UNTIL AFTER SCHOOL IS IN SESSION AND COMPLETE CONSTRUCTION OPERATIONS BEFORE SCHOOL IS OUT OF SESSION.
- EXISTING SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL MAYBE BAGGED, CONVERTED, AND REMOVED BY THE CONTRACTOR PER THE AGENCY. SIGNS THAT ARE REMOVED SHALL BE HANDLED WITH CARE SO THAT THEY MAY BE LATER RE-INSTALLED OR RETURNED TO THE AGENCY IN GOOD CONDITION AS DIRECTED BY THE AGENCY.
- CONTRACTOR SHALL NOTIFY ALL AFFECTED EMERGENCY SERVICES AT LEAST ONE (1) WEEK IN ADVANCED.
- FOR SIGNALIZED INTERSECTIONS THE CONTRACTOR SHALL COORDINATE WITH AGENCY TO DETERMINE HOW TO OPERATE THE SIGNAL.

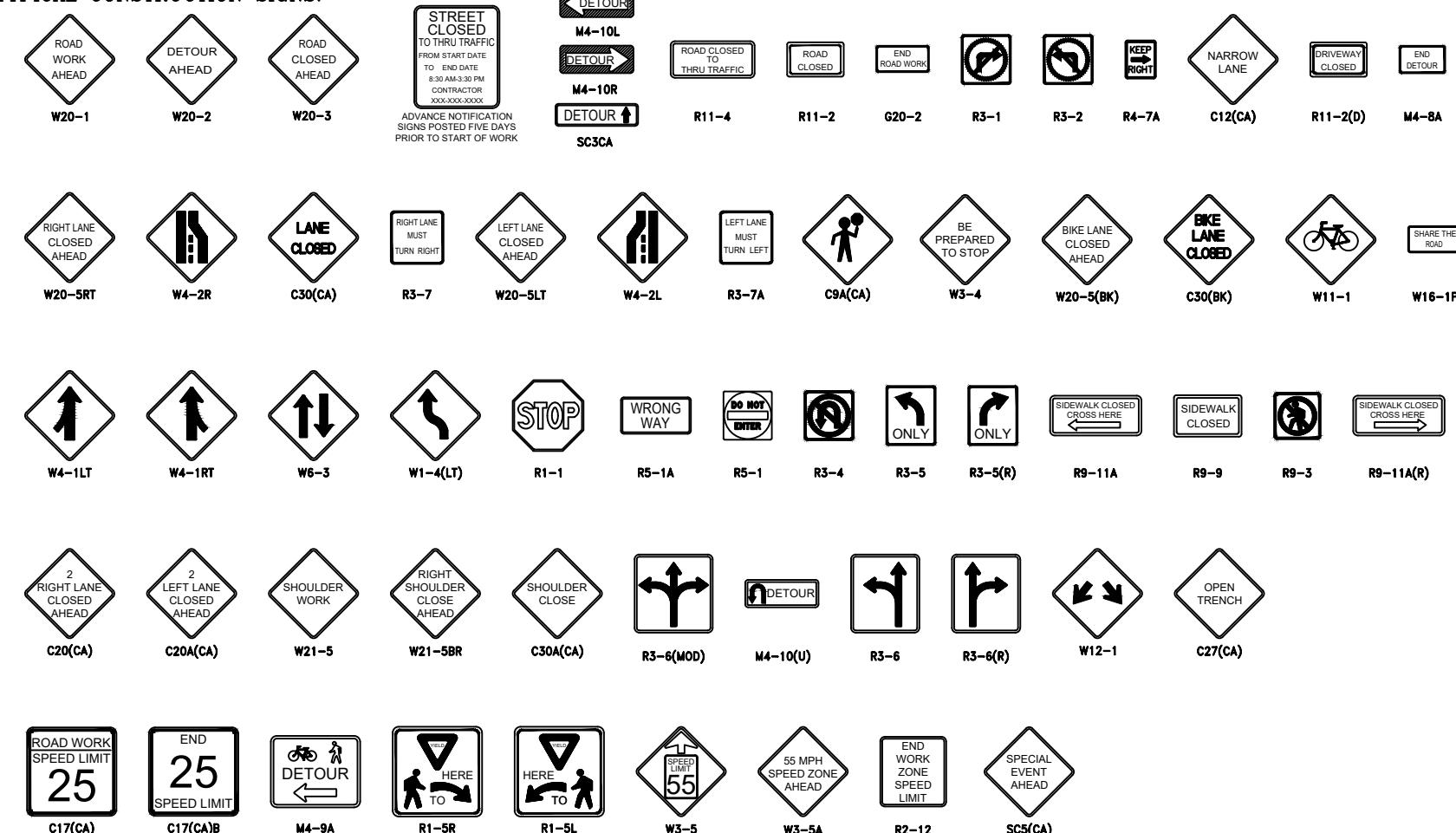
TABLE 1

RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES AND MINIMUM TAPER LENGTH

| APPROACH SPEED (MPH) | MINIMUM DISTANCE IN FEET BETWEEN SIGNS AND FROM LAST SIGN TO TAPER | MINIMUM TAPER LENGTHS (L) (FEET) | | | APPROACH SPEED (S) (MPH) | BUFFER LENGTH | MAX CONE SPACING | | | TAPER FORMULA |
|----------------------|--|----------------------------------|------|------|--------------------------|---------------|------------------|---------|--------------|---|
| | | L | 1/2L | 1/3L | | | TAPER | TANGENT | CONFLICT (-) | |
| 25 | 100 | 125 | 63 | 42 | 25 | 155 | 25 | 50 | 12 | L = $\frac{W \times S_2}{60}$ FOR SPEEDS OF 40 MPH OR LESS. |
| 30 | 250 | 180 | 90 | 60 | 30 | 200 | 30 | 60 | 15 | WHERE: |
| 35 | 250 | 245 | 123 | 82 | 35 | 250 | 35 | 70 | 17 | THAN 40 MPH |
| 40 | 250 | 320 | 160 | 107 | 40 | 305 | 40 | 80 | 20 | POSTED SPEED LIMIT OR OFF-PEAK 85TH % SPEED |
| 45 | 350 | 540 | 270 | 180 | 45 | 360 | 45 | 90 | 22 | PRIOR TO WORK STARTING SPEED |
| 50 | 350 | 600 | 300 | 200 | 50 | 425 | 50 | 100 | 25 | W = WIDTH OF OFFSET (FEET) |
| 55 | 350 | 660 | 330 | 220 | 55 | 495 | 50 | 100 | 25 | THAN 40 MPH |
| 60 | 350 | 720 | 360 | 240 | 60 | 570 | 50 | 100 | 25 | INFO SIGN |
| 65 | 350 | 780 | 390 | 260 | 65 | 645 | 50 | 100 | 25 | DETOUR |
| 70 | 350 | 840 | 420 | 280 | 70 | 730 | 50 | 100 | 25 | M4-10L |

L FOR MERGE TAPER
1/2L FOR SHIFT TAPER
1/3L FOR SHOULDER TAPER

TYPICAL CONSTRUCTION SIGNS:



ALL PLANS MUST BE CHECKED AND APPROVED BY THE GOVERNMENTAL AGENCY, OR AGENCIES, HAVING JURISDICTION OVER THE ROADWAYS SHOWN ON THIS PLAN PRIOR TO THE PLAN BEING PUT INTO EFFECT. ALL PLANS ARE INTENDED TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THE CUSTOMER / CONTRACTOR IS RESPONSIBLE FOR THE ASCERTAINING ADDITIONAL AGENCY REQUIREMENTS FOR WORK HOURS ALLOWED, NOISE ABATEMENT, AND OTHER RULES AND REGULATIONS.

THE TEMPORARY TRAFFIC CONTROLS MUST BE INSTALLED PER THE AGENCY APPROVED PLAN TO BE EFFECTIVE. FIELD CHANGES OTHER THAN MINOR ADJUSTMENT, MUST BE AUTHORIZED IN WRITING BY A REPRESENTATIVE OF THE GOVERNMENTAL AGENCY, OR AGENCIES, HAVING JURISDICTION OVER THE ROADWAY.

PLAN IMPLEMENTATION AND DEVICE PLACEMENT SHOULD BE PERFORMED BY EXPERIENCED / TRAINED PERSONNEL.

TEMPORARY TRAFFIC CONTROLS MUST BE MONITORED AND MAINTAINED BY THE CUSTOMER / CONTRACTOR TO REMAIN EFFECTIVE. MONITORING AND MAINTENANCE FREQUENCY IS DICTATED BY FIELD CONDITIONS, BUT NOT LESS THAN DAILY.

HUDSON SAFE-T-LITE HAS NO CONTROL OVER, OR RESPONSIBLY FOR, TRAFFIC CONTROL PLAN IMPLEMENTATION AND INSPECTIONS PERFORMED BY OTHERS. USERS AGREE TO INDEMNIFY HUDSON SAFE-T-LITE FOR CLAIMS MADE REGARDING FAILURE TO INSTALL, MAINTAIN OR REMOVE CONTROLS PER APPROVED TRAFFIC CONTROL PLANS.

TABLE 2

RECOMMENDED TAPER LENGTH AND MAXIMUM CHANNELIZING/CONE SPACING

NOTES:

THAN 40 MPH.

L = $\frac{W \times S_2}{60}$ FOR SPEEDS OF 40 MPH OR LESS.

WHERE:

THAN 40 MPH

POSTED SPEED LIMIT OR OFF-PEAK 85TH % SPEED

PRIOR TO WORK STARTING SPEED

W = WIDTH OF OFFSET (FEET)

PROJECT NAME:
ENCINITAS
CURB RAMPS
AC OVERLAY CS24

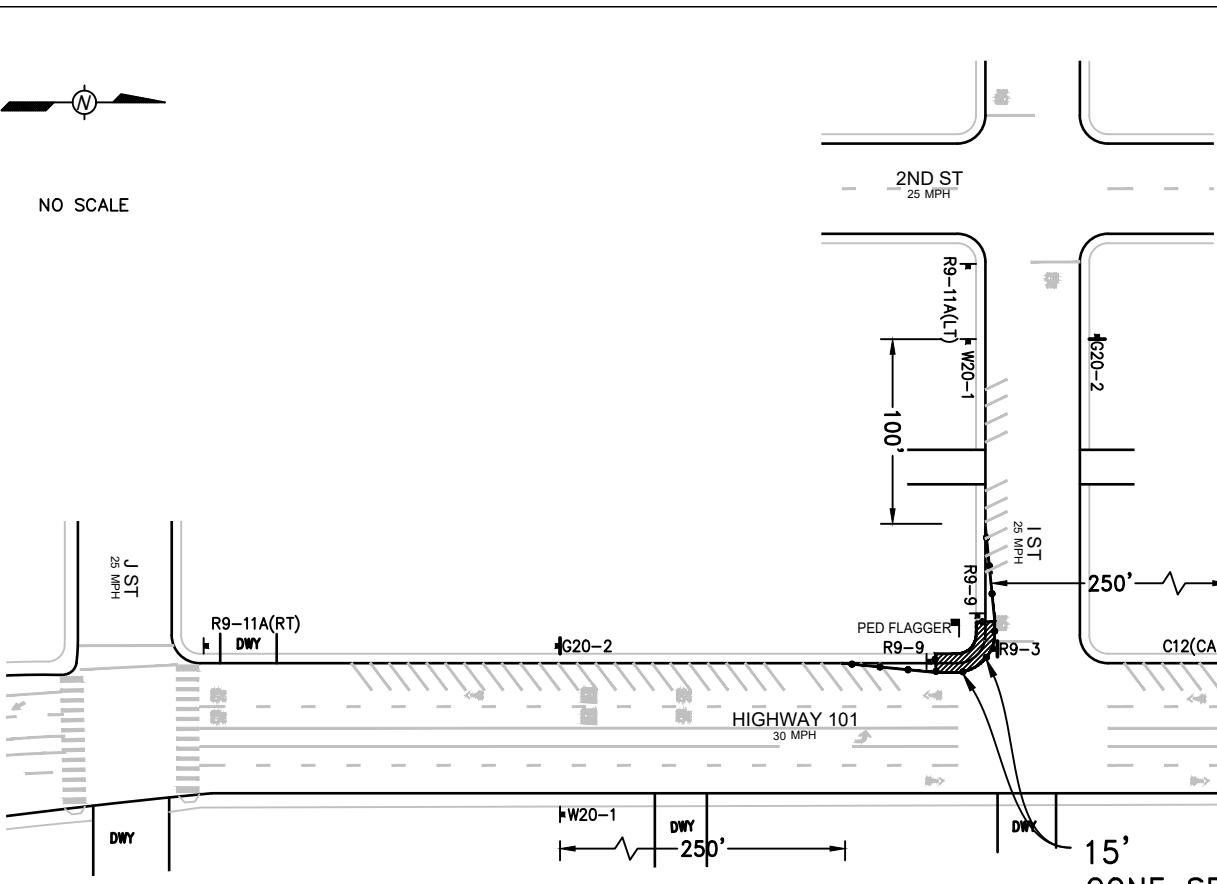
TRAFFIC CONTROL PLAN

CONTRACTOR:
MARCEL TORRES
HAZARD CONSTRUCTION
COMPANY
10529 VINE STREET
LAKESIDE, CA 92040
858.869.5147

PLAN APPROVED BY:
CITY OF ENCINITAS
HUDSON SAFE-T-LITE RENTALS
1215 N MARSHALL AVE
EL CAJON, CA 92020
Office: 619-441-3644

DRAWN BY:
GERMAN ESTRADA

DATE DRAWN: 09-04-24 | SCALE: NO SCALE | DRAWING NUMBER: 1 OF 12



NOTES:

1. CONTRACTOR TO NOTIFY ALL AFFECTED BUSINESSES 5 BUSINESS DAYS PRIOR TO START OF WORK.
2. CONTRACTOR TO NOTIFY ALL AFFECTED RESIDENTS 5 BUSINESS DAYS PRIOR TO START OF WORK.
3. CONTRACTOR TO PROVIDE ACCESS TO RESIDENTS AT ALL TIMES.
4. TEMPORARY NO PARK ALL WORKING AREAS, TAPERS AND BUFFERS. 72 HOURS IN ADVANCE.
5. PED FLAGGER TO ASSIST PEDESTRIANS AS NEEDED.

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LEGEND: CONE: ● SIGN: ■ WORK AREA: // TRAFFIC DIRECTION: ↓ FLASING ARROW SIGN: ☰ SIGNAL: (S) FLAGGER: □ BARRICADE: || TEMPORARY NO PARKING: ←→ TNP ←→
REV DATE: 09-26-24 POSTED SPEED LIMIT: SEE PLAN TAPER LENGTH: SEE PLAN SIGN SPACING: SEE PLAN CONE SPACING: SEE PLAN

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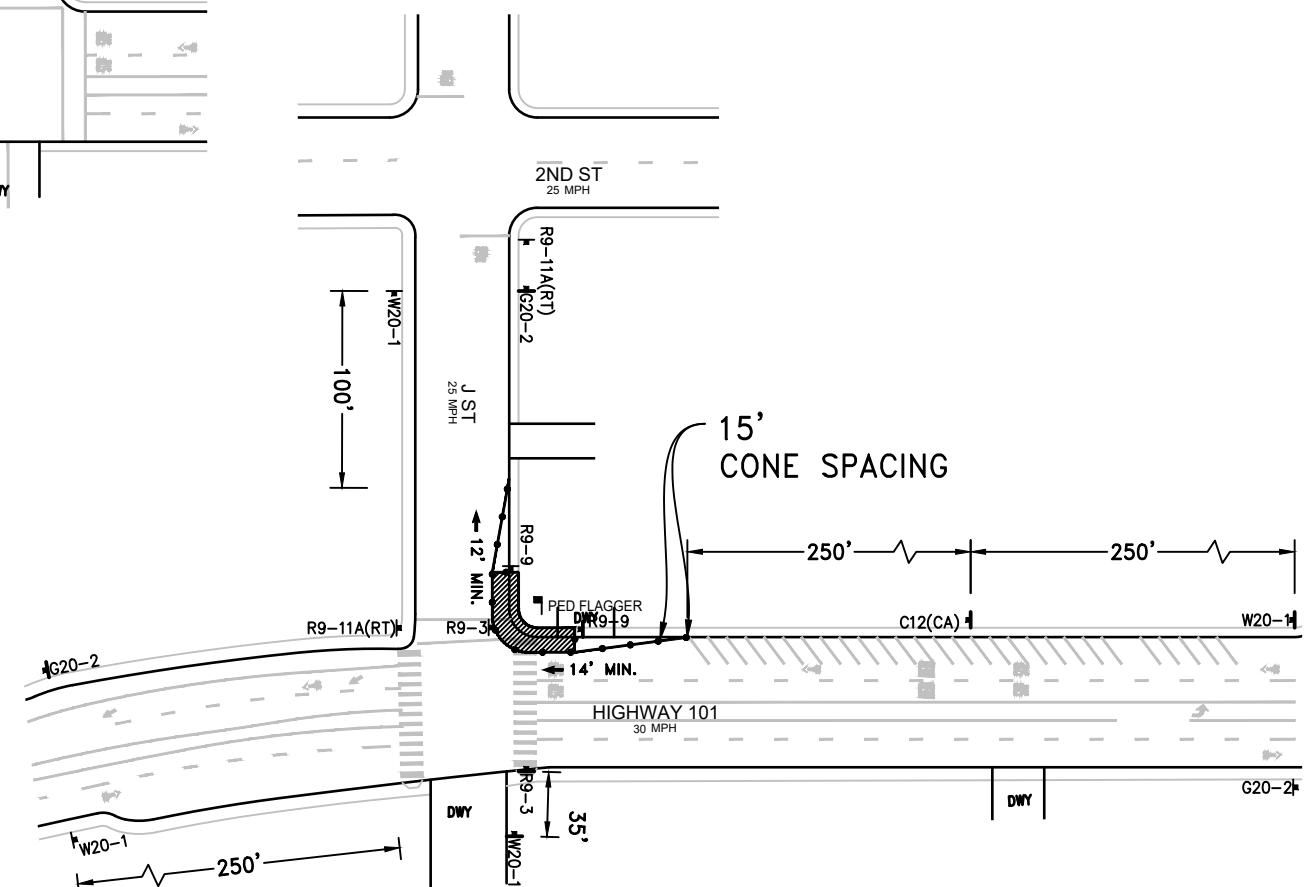
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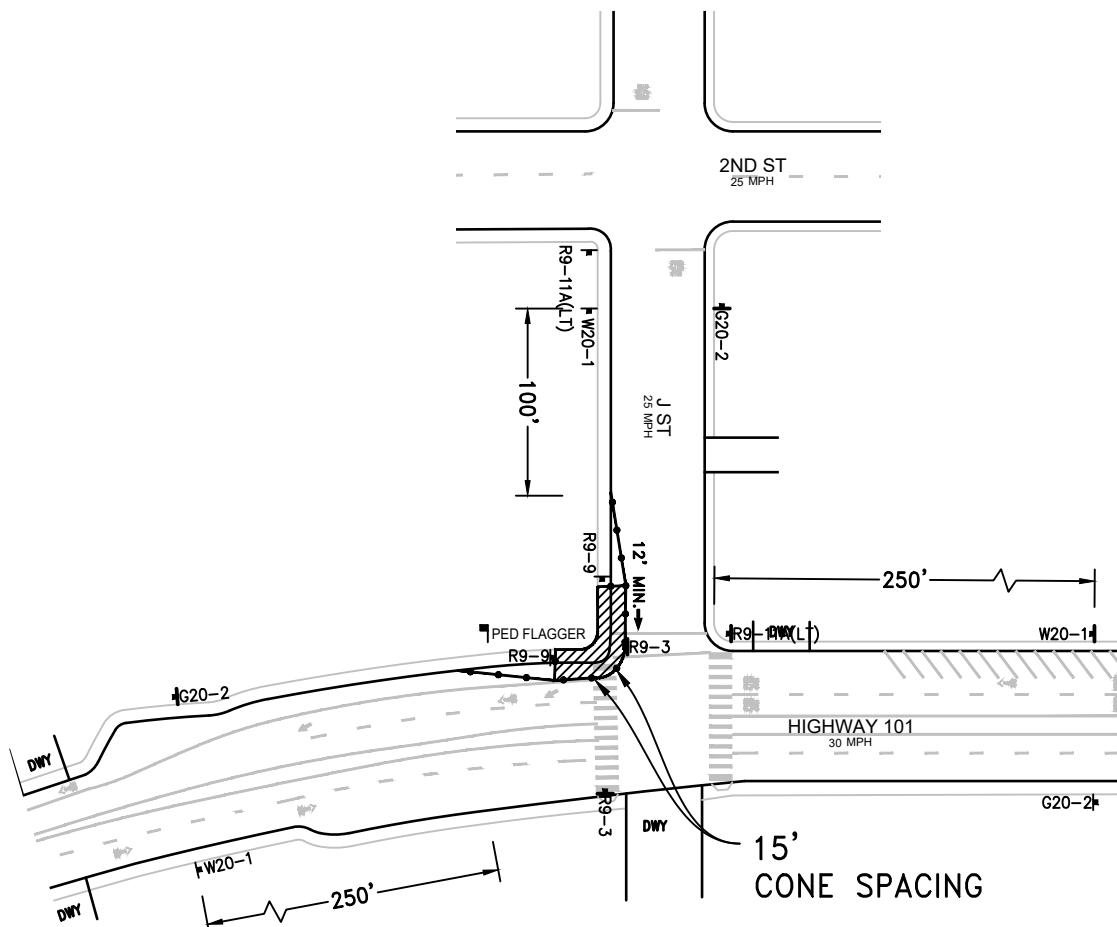
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NO SCALE



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AC OVERLAY 2202

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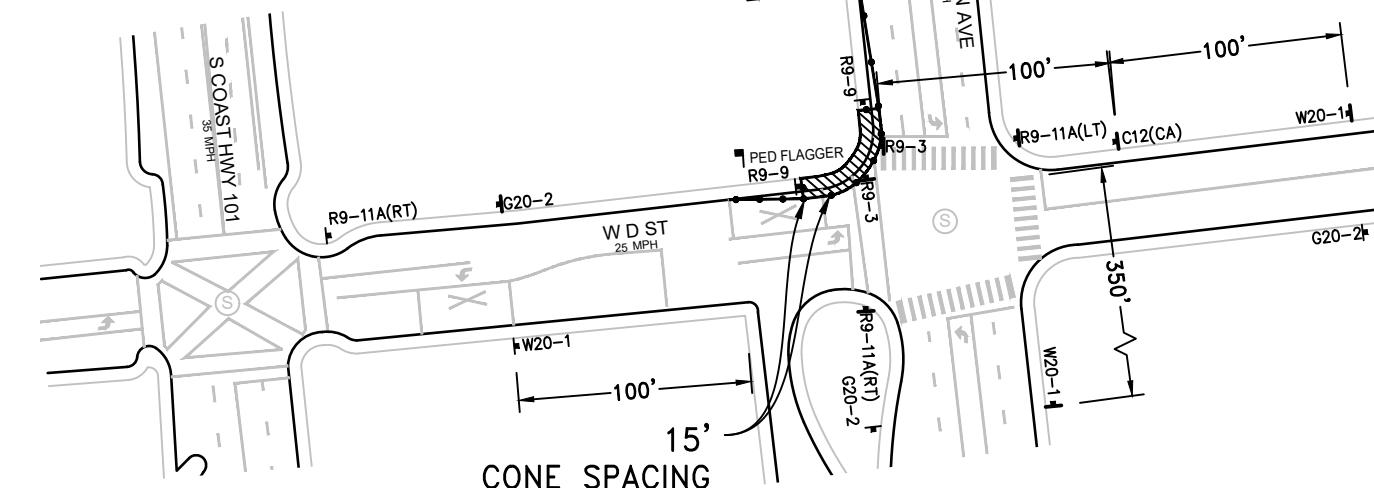
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