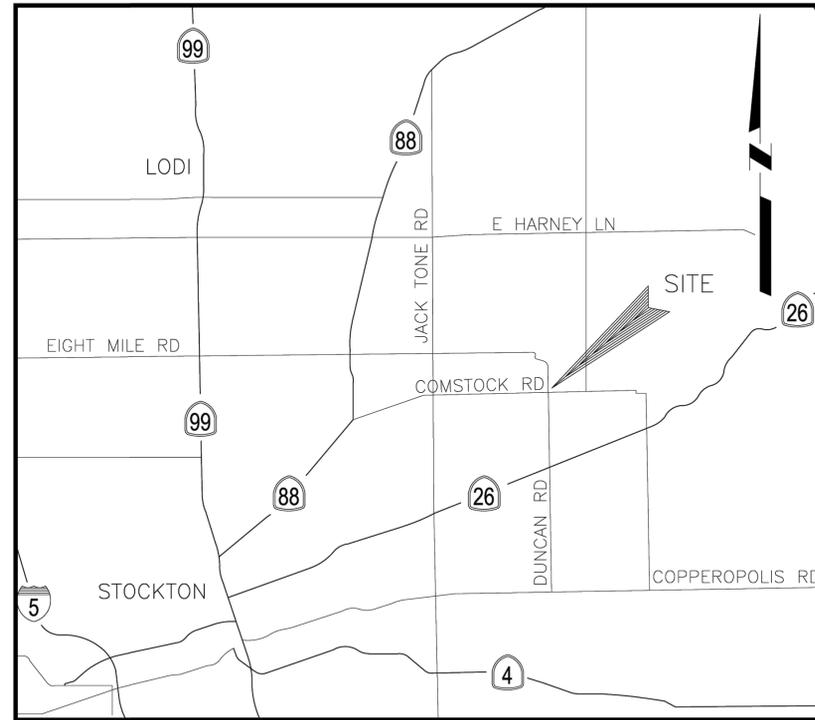
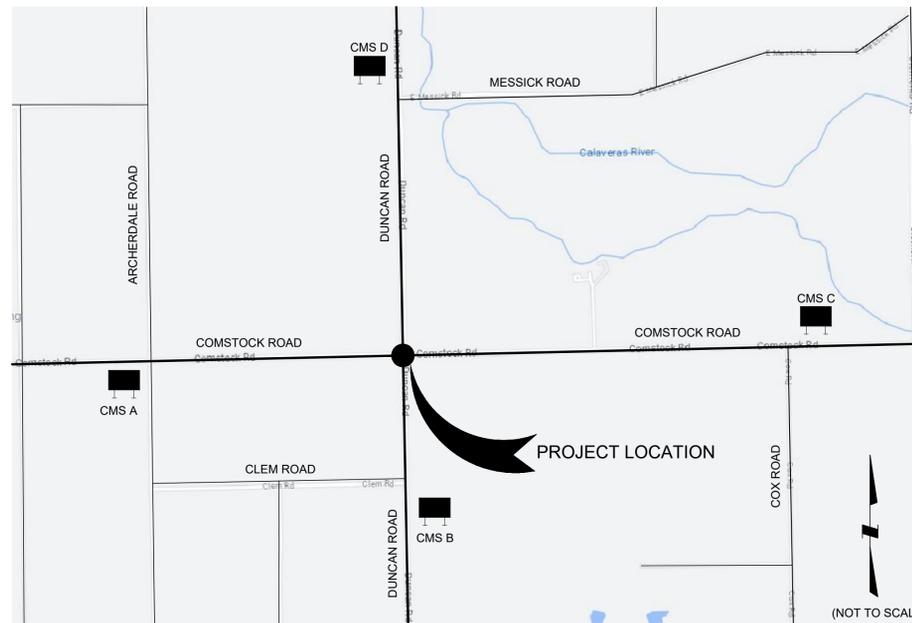


GENERAL NOTES

- THESE STANDARD NOTES AND PLANS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OR MAINTENANCE WORK, INCLUDING SAFETY OF ALL PERSONS, VEHICLES, AND PROPERTY.
- ALL WORK, MATERIALS, PRACTICES, AND PRINCIPLES SHALL COMPLY WITH THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION, AND THE WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH) LATEST EDITION.
- THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION, AND THE WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH) LATEST EDITION, SHALL TAKE PRECEDENCE IN THE EVENT OF ANY QUESTION REGARDING THE CONTROL OF THESE STANDARDS.
- NO DEVIATIONS OR EXCEPTIONS FROM THESE STANDARD NOTES OR PLANS SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE PUBLIC WORKS DIRECTOR/COUNTY ENGINEER.
- CONES AND DELINEATORS SHALL GENERALLY BE PLACED ON EXISTING LANE LINES, EXCEPT AS NECESSARY FOR LANE CLOSURE TAPERS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ADJACENT PROPERTY OWNERS.
- THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES EXCEPT AS NECESSARY FOR CONSTRUCTION ACTIVITIES IN THE IMMEDIATE VICINITY OF THE WORK AREA.
- CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN A MANNER SUCH THAT AS LITTLE INCONVENIENCE AS POSSIBLE IS CAUSED TO THE PUBLIC AND ADJUTING PROPERTY OWNERS.
- THE CONTRACTOR SHALL HAVE ALL SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING, AT ALL TIMES, ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC.
- A MINIMUM LANE WIDTH OF 10' SHALL BE MAINTAINED AT ALL TIMES, NO EXCEPTIONS. WHEN ADJACENT TO CURB LANE, RAISED CURB MEDIANS, OTHER VERTICAL OBSTRUCTION, OR OPPOSING TRAFFIC, THE MINIMUM LANE WIDTH SHALL BE 12'.
- THE CONTRACTOR SHALL UTILIZE FLAG MEN DURING WORK HOURS AS REQUIRED BY THESE STANDARD PLANS AND AS DEEMED NECESSARY BY THE COUNTY TO ASSIST IN MAINTAINING SAFE TRAFFIC FLOW.
- FLASHING ARROW SIGNS (FAS) SHALL BE USED FOR ALL LANE CLOSURES AND SHALL BE SOLAR POWERED.
- THE FIRST SIGN IN A SERIES OF ADVANCED WARNING SIGNS SHALL BE EQUIPPED WITH FLAGS.
- FLASHING YELLOW BEACONS, TYPE B, SHALL BE USED ON ALL BARRICADES THAT PROTECT THE WORK AREA AFTER NORMAL WORKING HOURS.
- ALL SIGNS SHALL BE REFLECTORIZED AND OF STANDARD SIZES.
- THE CONTRACTOR SHALL BE REQUIRED TO REPLACE STRIPING AND LEGENDS TO THEIR ORIGINAL CONDITION AND EQUIPMENT AFTER COMPLETION OF CONSTRUCTION.
- ALL DELINEATORS SHALL BE 36" MINIMUM PORTABLE, REFLECTORIZED RUBBER GUIDE POST TUBES, ORANGE IN COLOR, WITH WEIGHTED BASES OR SANDBAG RINGS AND SHALL BE KEPT IN THEIR PROPER POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY.
- ALL CONES, SHALL BE 28" MINIMUM, ORANGE IN COLOR, AND SHALL BE KEPT IN THEIR PROPER POSITION AT ALL TIMES, AND SHALL BE REPAIRED, REPLACED, OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY. ALL CONES SHALL BE FITTED WITH 13" MINIMUM REFLECTIVE SLEEVES FOR NIGHTTIME TRAFFIC CONTROL. MAXIMUM SPACING BETWEEN DELINEATORS SHALL BE 25'.
- AT LEAST EVERY THIRD CONE AND/OR DELINEATOR SHALL HAVE DELINEATOR OR CONE-MOUNTED DIRECTIONAL ARROWS PER THE WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH) LATEST EDITION.
- BARRICADES SHALL BE USED, IN LIEU OF OR IN ADDITION TO RUBBER GUIDE POSTS, AS REQUIRED BY THESE STANDARD PLANS AND AT THE DIRECTION OF THE COUNTY, WHEN THEY ARE INTENDED TO PROVIDE ADDITIONAL EMPHASIS IN AREAS WHERE WORKERS ARE PRESENT.
- C27 (CA) "OPEN TRENCH" SIGNS SHALL BE USED IN CONJUNCTION WITH TYPE II BARRICADES DURING CONSTRUCTION AND NIGHTTIME CLOSURES AS APPLICABLE.
- WHERE LIGHTS ARE USED TO DELINEATE THE TRAVELED WAY THROUGH AND AROUND THE WORK AREA, THEY SHALL BE TYPE C (STEADY BURN LAMPS).
- WHEN A STREET CLOSURE IS APPROVED, THE CONTRACTOR SHALL NOTIFY THE POLICE DEPARTMENT, THE FIRE DEPARTMENT, THE LOCAL TRANSIT DISTRICT, AFFECTED RESIDENTS AND BUSINESSES AT LEAST ONE WEEK IN ADVANCE OF THE CLOSURE.
- ALL RESIDENTIAL STREET ACCESS RESTRICTED BY CONSTRUCTION OR MAINTENANCE ACTIVITIES SHALL BE RESTORED AT THE END OF EACH WORKING DAY UNLESS OTHERWISE APPROVED BY THE PUBLIC WORKS DIRECTOR/COUNTY ENGINEER.
- TEMPORARY "NO STOPPING" SIGNS SHALL BE POSTED 100' APART, AS NECESSARY DURING CONSTRUCTION OPERATIONS. WHEN A TEMPORARY "NO STOPPING" ZONE ON A STREET IS APPROVED BY THE COUNTY'S REPRESENTATIVE, THE CONTRACTOR SHALL NOTIFY THE POLICE DEPARTMENT AND POST "TOW AWAY, TEMPORARY NO STOPPING" AT LEAST TWO (2) WORKING DAYS IN ADVANCE. THE DURATION OF THE TEMPORARY PARKING RESTRICTION SHALL BE INDICATED ON THE SIGNS.
- WHEN SIGNAL TIMING AND/OR SIGNAL MODIFICATIONS ARE NECESSARY BEFORE OR DURING THE CONSTRUCTION, AND IF APPROVED BY THE TRAFFIC ENGINEER, THE CONTRACTOR SHALL NOTIFY THE COUNTY TRAFFIC DEPARTMENT AT LEAST THREE (3) WORKING DAYS IN ADVANCE OF THE WORK TO BE DONE IN ORDER TO COORDINATE THE CHANGES. THE CONTRACTOR SHALL PROVIDE THE PERSONNEL AND EQUIPMENT TO MAKE THE SIGNAL MODIFICATIONS; THE COUNTY SHALL MAKE THE NECESSARY SIGNAL TIMING CHANGES.
- CONTRACTOR SHALL REPLACE ALL TRAFFIC DETECTION DEVICES, SIGNING, STRIPING, MARKINGS, AND LEGENDS DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE COUNTY'S REPRESENTATIVE.
- THESE PLANS INDICATE TRAFFIC CONTROL IN THE WORK AREA DURING CONSTRUCTION ACTIVITIES. ADDITIONAL TRAFFIC CONTROLS, TRAFFIC SIGNS, AND/OR BARRICADES MAY BE NECESSARY OR REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY AS DIRECTED BY THE COUNTY'S REPRESENTATIVE TO ASSURE SAFETY TO THE PUBLIC AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN DISABILITY ACT (ADA) AS RELATED TO PEDESTRIAN ACCESS AND SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES PER ADA REQUIREMENTS.
- INSTALL TEMPORARY NO PARKING SIGNS (IF REQUIRED) 72 HOURS PRIOR TO THE CLOSURE.

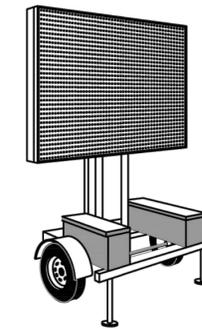


SPEED LIMIT	DIMENSION "A" ADVANCE WARNING SIGN SPACING	DIMENSION "L" MERGING TAPER LENGTH	DIMENSION "L/2" SHIFTING TAPER LENGTH	DIMENSION "E" BUFFER SPACE (0% SLOPE)	MAXIMUM CHANNELIZER TAPER SPACING	MAXIMUM CHANNELIZER TANGENT SPACING
25 MPH	100 FT	125 FT	65 FT	155 FT	25 FT	50 FT
30 MPH	250 FT	180 FT	90 FT	200 FT	30 FT	60 FT
35 MPH	250 FT	245 FT	125 FT	250 FT	35 FT	70 FT
40 MPH	250 FT	320 FT	160 FT	305 FT	40 FT	80 FT
45 MPH	350 FT	540 FT	270 FT	360 FT	45 FT	90 FT
50 MPH	350 FT	600 FT	300 FT	425 FT	50 FT	100 FT
55 MPH	500 FT	600 FT	300 FT	495 FT	50 FT	100 FT
60 MPH	500 FT	720 FT	360 FT	570 FT	50 FT	100 FT

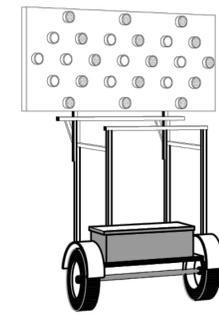


CONTRACTOR TO PROVIDE ADVANCE CHANGEABLE MESSAGE SIGNS (CMS) AT PROPOSED LOCATION AS SHOWN, AND MAINTAIN THE CMS TO DISPLAY MESSAGE THROUGHOUT ENTIRE LENGTH OF THE PROJECT. MESSAGES SHALL BE PER APPROVAL OF THE ENGINEER.

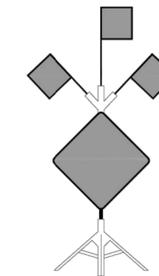
MISCELLANEOUS DEVICES



CHANGEABLE MESSAGE SIGN TRAILER (TYP.) (CMS)



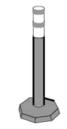
FLASHING ARROW SIGN TRAILER (TYP.) (FAS)



HIGH LEVEL WARNING DEVICE (HLWD)



TRAFFIC CONE



POST TUBE

LEGEND:

- PROPOSED WORK AREA
- EXISTING STRIPING
- EXISTING CURB & GUTTER
- MUNICIPALITY BOUNDARY LINES
- EXISTING DRIVEWAY(S)
- CALTRANS BOUNDARY LINES
- PROPOSED CHANNELIZATION LINE
- EXISTING FENCE LINE
- PROPOSED FLAG PERSON W/ 2-WAY RADIO
- PROPOSED PORTABLE ARROW BOARD
- PROPOSED PORTABLE MESSAGE SIGN
- PROPOSED SIGN W/ POST
- PROPOSED TYPE II BARRICADE W/ SIGN(S)
- PROPOSED TYPE III BARRICADE W/ SIGN(S)
- FLASHING BEACON
- SIGNALIZED INTERSECTION



MARK	REVISIONS	APPR	DATE

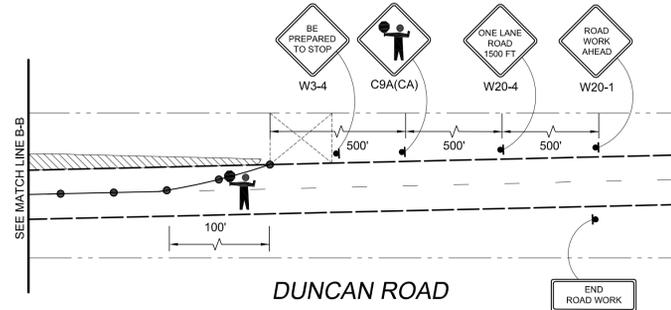
COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
DESIGN BY LONG TRAN	APPROVED BY
CHECK BY HUMAYUN AZIZ	ENGINEER
APPROVED BY HUMAYUN AZIZ	DATE

TRAFFIC CONTROL PLAN DUNCAN ROAD & COMSTOCK ROAD ROUNDBOUT	
FEDERAL AID PROJECT NO. HRRRL-5929(289)	
HORIZ. SCALE: 1"= 40'	VERT. SCALE: N/A

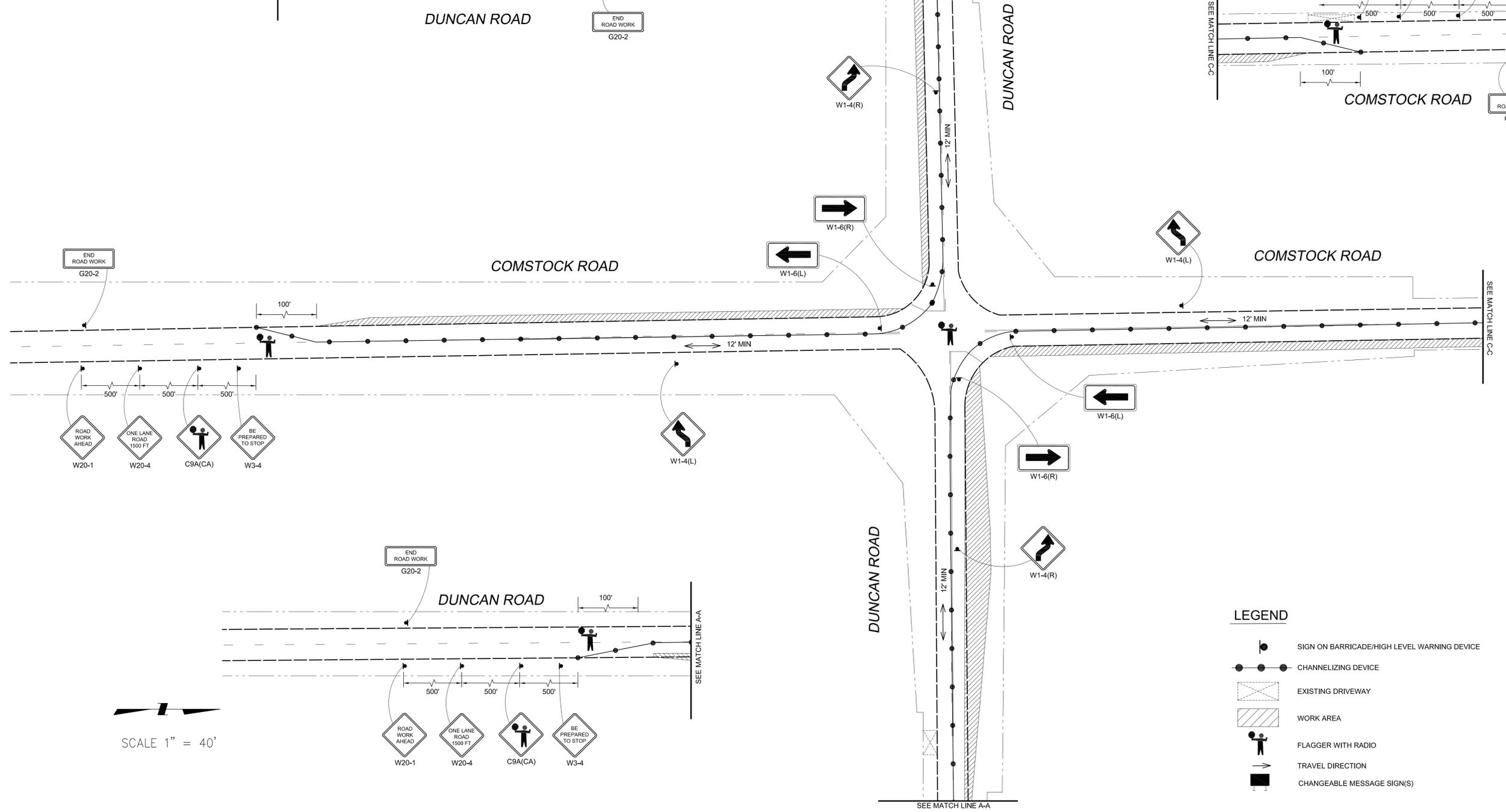
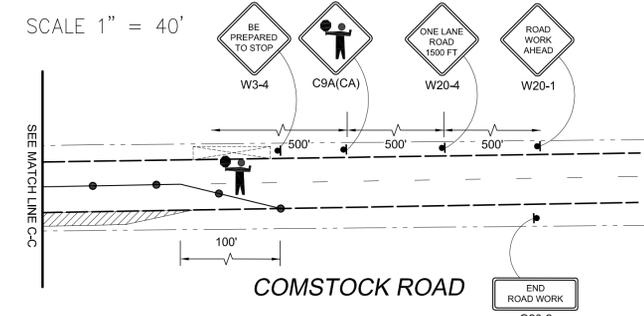
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SHEET 01 OF 10

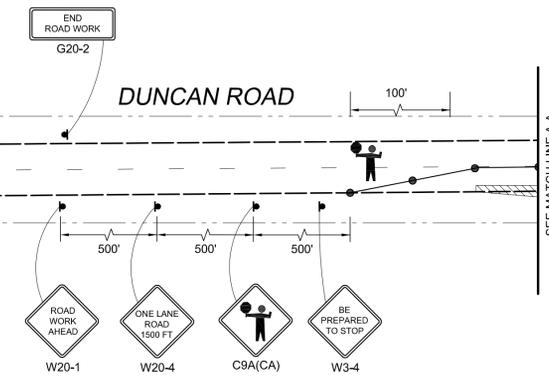
SCALE 1" = 40'



SCALE 1" = 40'



SCALE 1" = 40'



LEGEND

- SIGN ON BARRICADE/HIGH LEVEL WARNING DEVICE
- CHANNELIZING DEVICE
- EXISTING DRIVEWAY
- WORK AREA
- FLAGGER WITH RADIO
- TRAVEL DIRECTION
- CHANGEABLE MESSAGE SIGN(S)

SCALE 1" = 40'

PHASE 1

Under Ground Service Alert of Southern California
Call: TOLL FREE 1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

REGISTERED PROFESSIONAL ENGINEER
HUMAYUN AZIZ
C75713
EXP. 06/30/24
CIVIL
STATE OF CALIFORNIA

REGISTERED CIVIL ENGINEER
DATE 09-07-23

MZB ENGINEERING

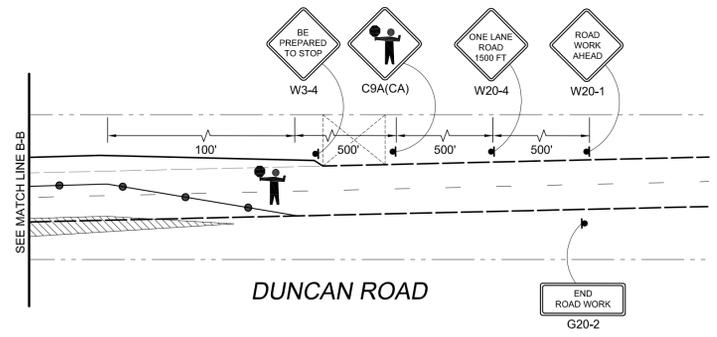
MARK	REVISIONS	APPR.	DATE

COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
DESIGN BY LONG TRAN	APPROVED BY
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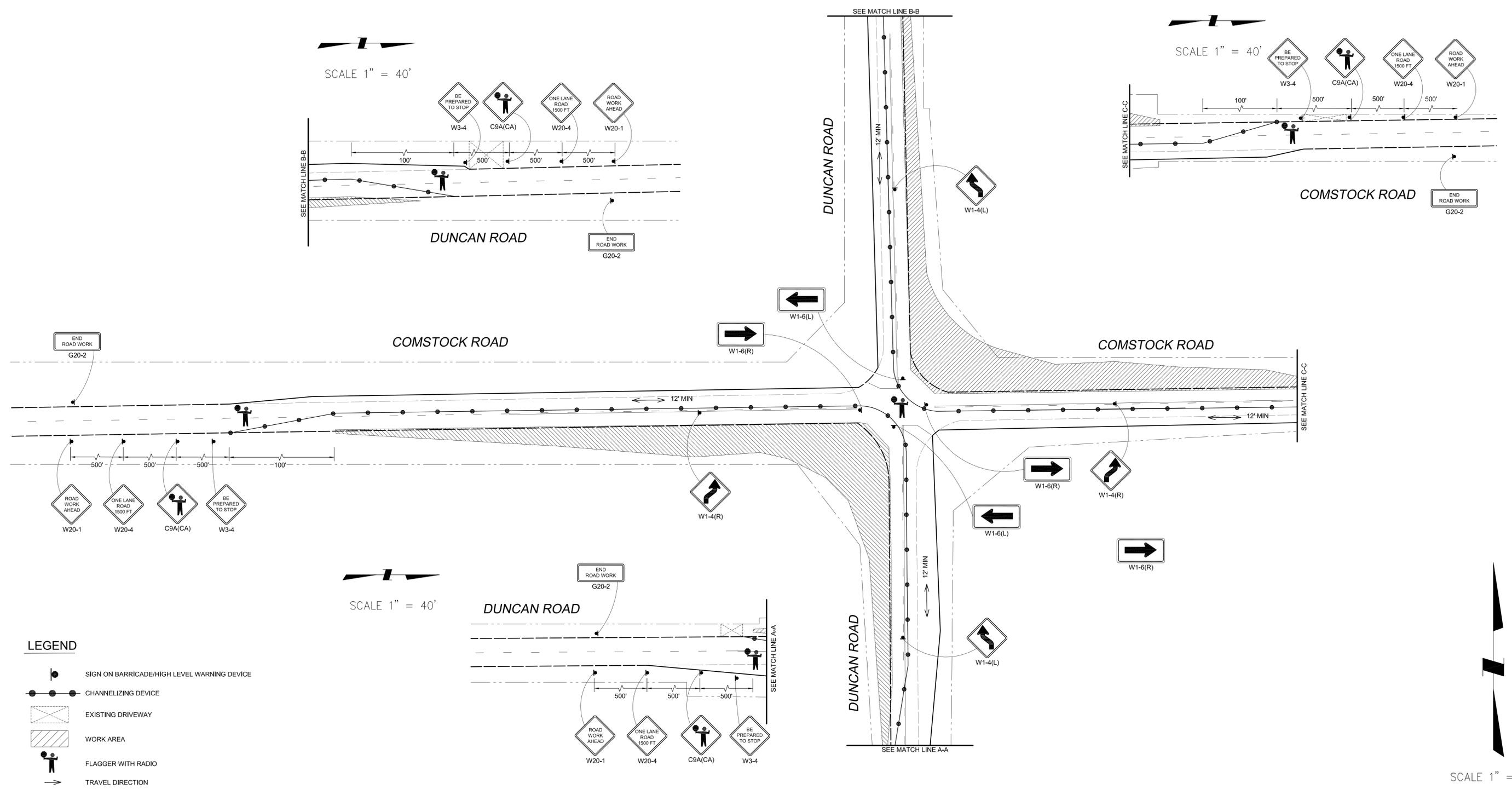
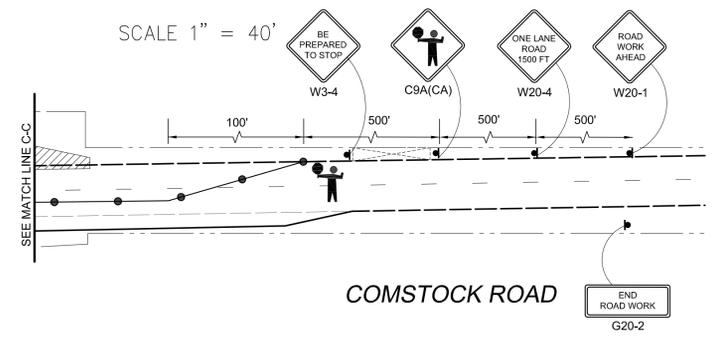
TRAFFIC CONTROL PLAN DUNCAN ROAD & COMSTOCK ROAD ROUNDBOUT
FEDERAL AID PROJECT NO. HRRRL-5929(289)
HORIZ. SCALE: 1" = 40' VERT. SCALE: N/A

TC-01
SHEET 02 OF 09

SCALE 1" = 40'



SCALE 1" = 40'



SCALE 1" = 40'

LEGEND

- SIGN ON BARRICADE/HIGH LEVEL WARNING DEVICE
- CHANNELIZING DEVICE
- EXISTING DRIVEWAY
- WORK AREA
- FLAGGER WITH RADIO
- TRAVEL DIRECTION

SCALE 1" = 40'

PHASE 2A - DAY TIME

Under Ground Service Alert
of Southern California
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

REGISTERED PROFESSIONAL ENGINEER
HUMAYUN AZIZ
C75713
EXP. 06/30/24
CIVIL
STATE OF CALIFORNIA

M.Z.B. ENGINEERING
REGISTERED CIVIL ENGINEER
DATE: 09-07-23

MARK	REVISIONS	APPR.	DATE

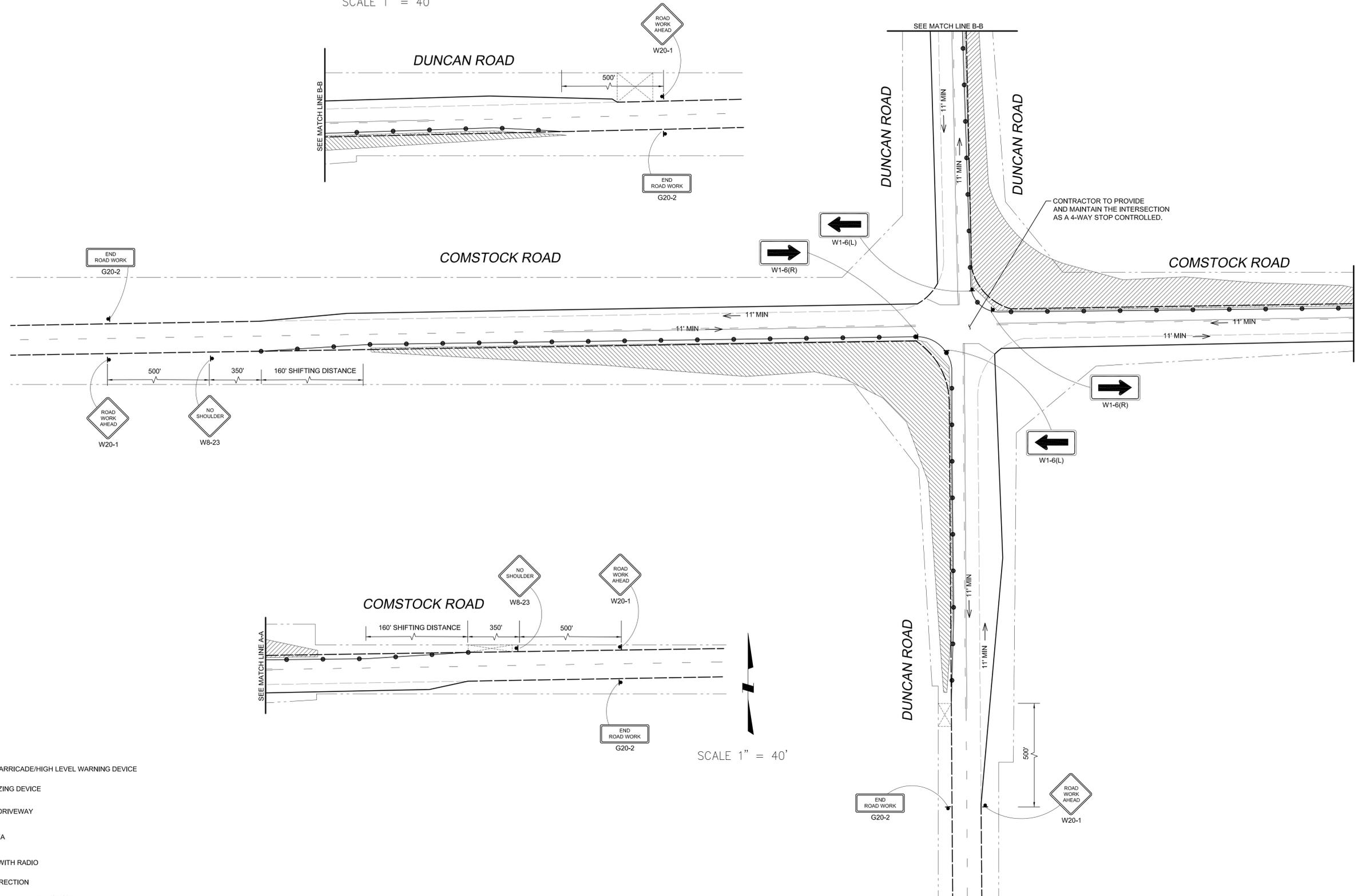
COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

DESIGN BY LONG TRAN	APPROVED BY
CHECK BY HUMAYUN AZIZ	ENGINEER
APPROVED BY HUMAYUN AZIZ	DATE

TRAFFIC CONTROL PLAN
DUNCAN ROAD & COMSTOCK ROAD ROUNDABOUT
FEDERAL AID PROJECT NO. HRRRL-5929(289)
HORIZ. SCALE: 1" = 40' | VERT. SCALE: N/A

TC-02
SHEET 03 OF 09

SCALE 1" = 40'



LEGEND

- SIGN ON BARRICADE/HIGH LEVEL WARNING DEVICE
- CHANNELIZING DEVICE
- EXISTING DRIVEWAY
- WORK AREA
- FLAGGER WITH RADIO
- TRAVEL DIRECTION
- CHANGEABLE MESSAGE SIGN(S)

SCALE 1" = 40'

SCALE 1" = 40'

PHASE 2B - NIGHT TIME



REGISTERED CIVIL ENGINEER
DATE 09-07-23

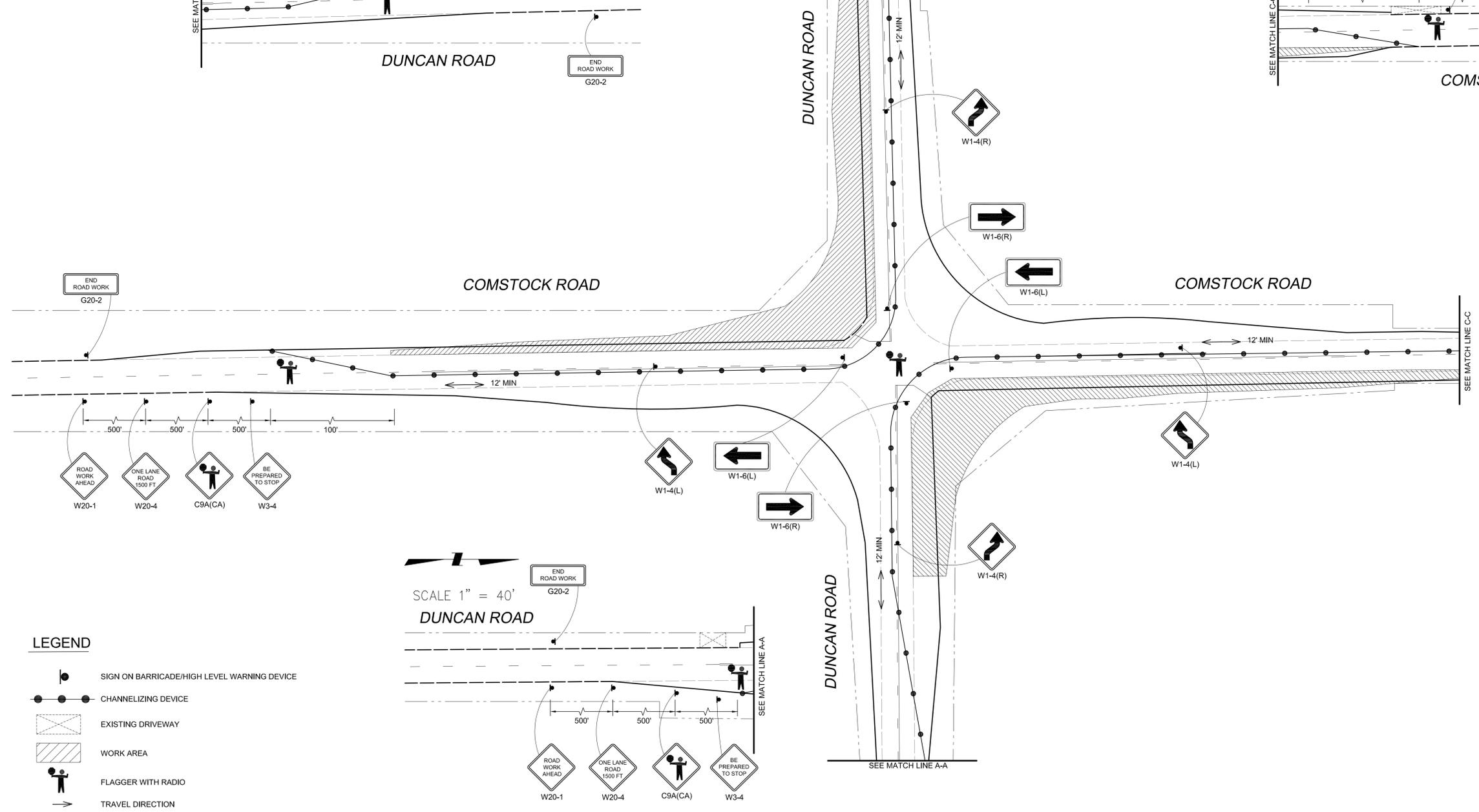
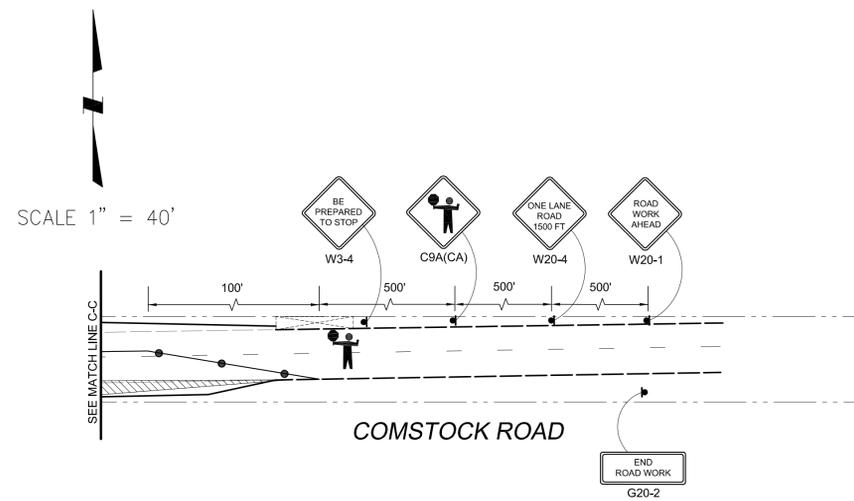
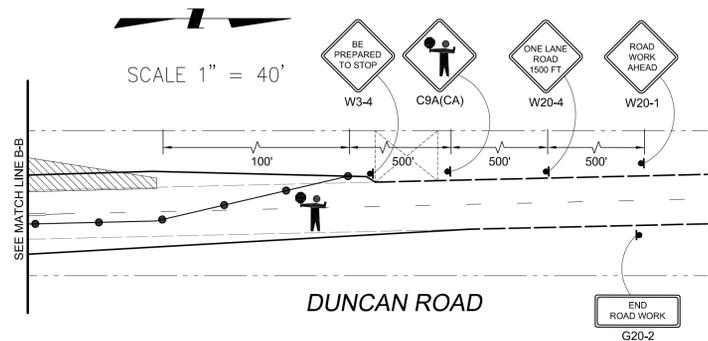


MARK	REVISIONS	APPR.	DATE

COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
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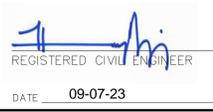
TRAFFIC CONTROL PLAN DUNCAN ROAD & COMSTOCK ROAD ROUNDBOUT	
FEDERAL AID PROJECT NO. HRRRL-5929(289)	
HORIZ. SCALE: 1" = 40'	VERT. SCALE: N/A

TC-03
SHEET 04 OF 09



SCALE 1" = 40'

PHASE 3A - DAY TIME



MARK	REVISIONS	APPR.	DATE

COUNTY OF SAN JOAQUIN DEPARTMENT OF PUBLIC WORKS	
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APPROVED BY HUMAYUN AZIZ	DATE

TRAFFIC CONTROL PLAN DUNCAN ROAD & COMSTOCK ROAD ROUNDBOUT
FEDERAL AID PROJECT NO. HRRRL-5929(289)
HORIZ. SCALE: 1" = 40' VERT. SCALE: N/A

TC-04
SHEET 05 OF 09