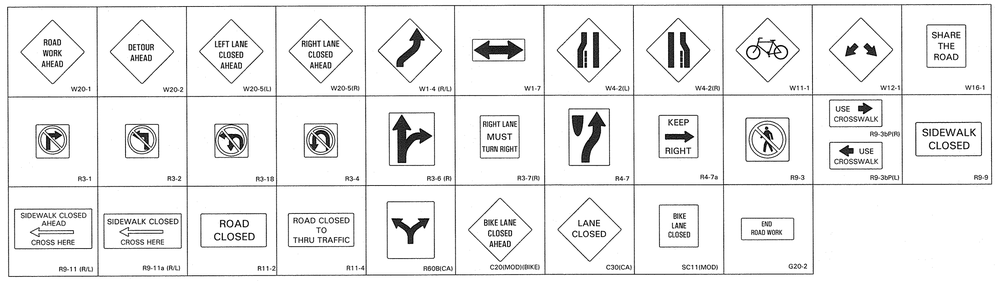

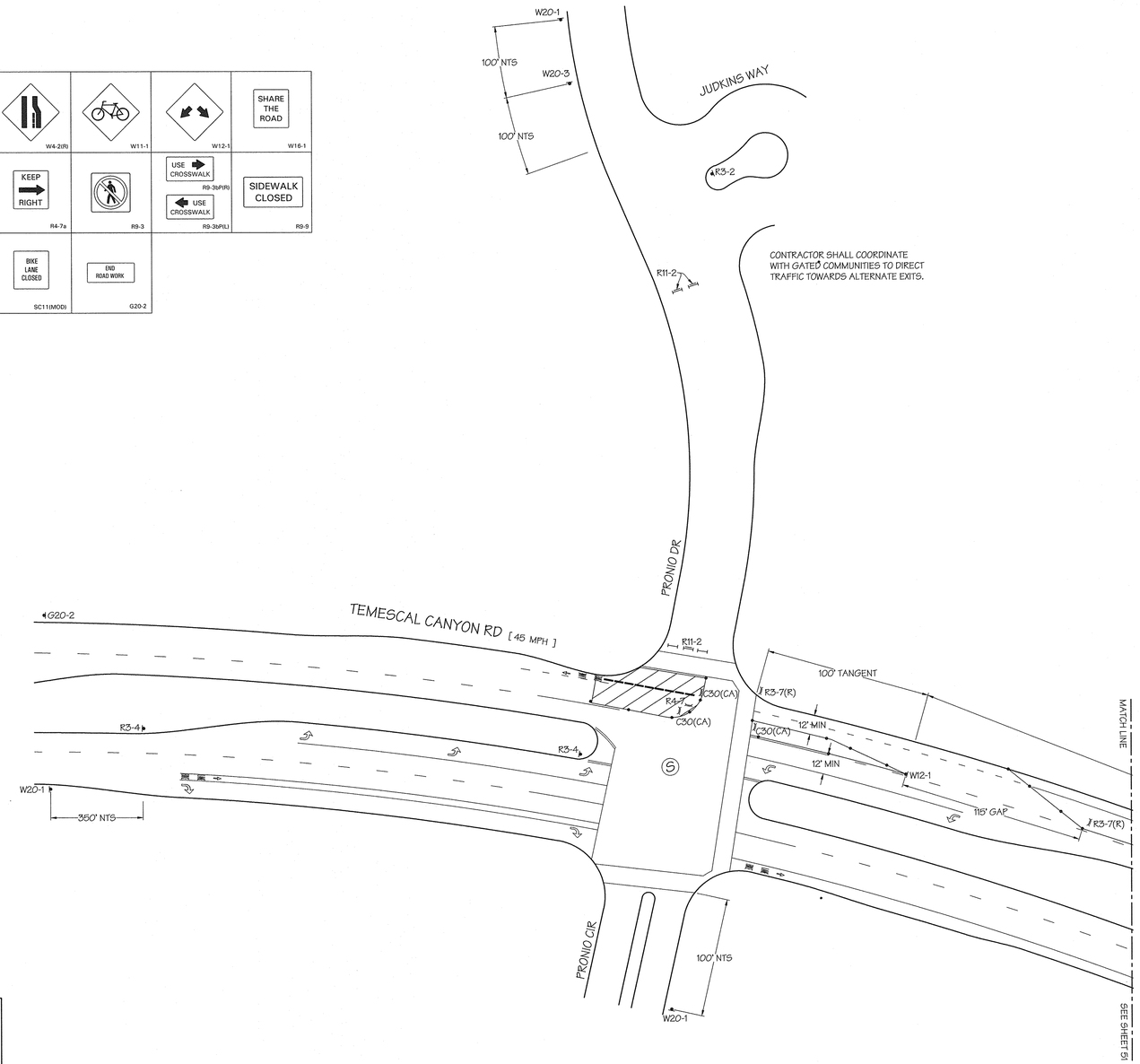

CONTRACTOR NOTES:

1 CONTRACTOR SHALL COVER CONFLICTING PAVEMENT ARROWS.

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY

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REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-27-14

BYPASS INSTALL: PHASE P

REV. NO.	DATE	DRWN	CHKD	REMARKS

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INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
CITY OF CORONA

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 50 OF 98

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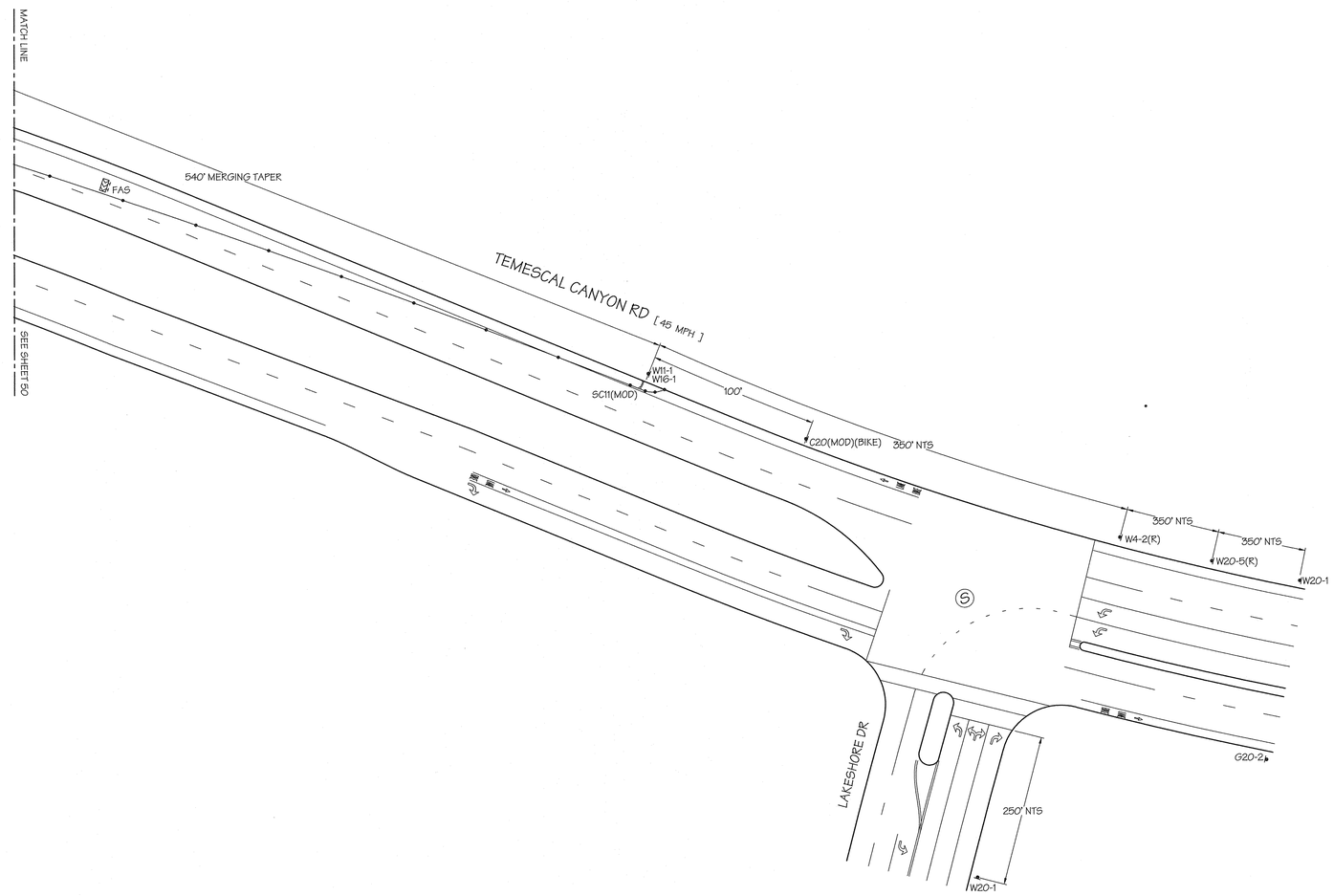
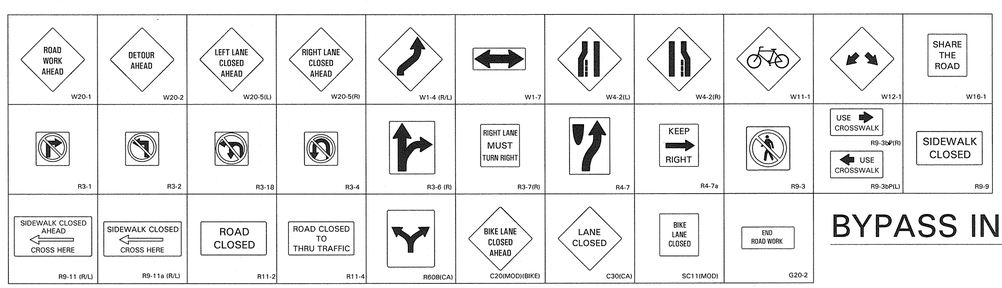


CONTRACTOR NOTES:

1 CONTRACTOR SHALL COVER CONFLICTING PAVEMENT ARROWS.

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY



BYPASS INSTALL: PHASE P (CONTINUED)

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REGISTERED PROFESSIONAL ENGINEER MICAH S. HERSHBERG No. 64477 Exp. 6/30/15 CIVIL STATE OF CALIFORNIA 8-27-14

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 51 OF 98

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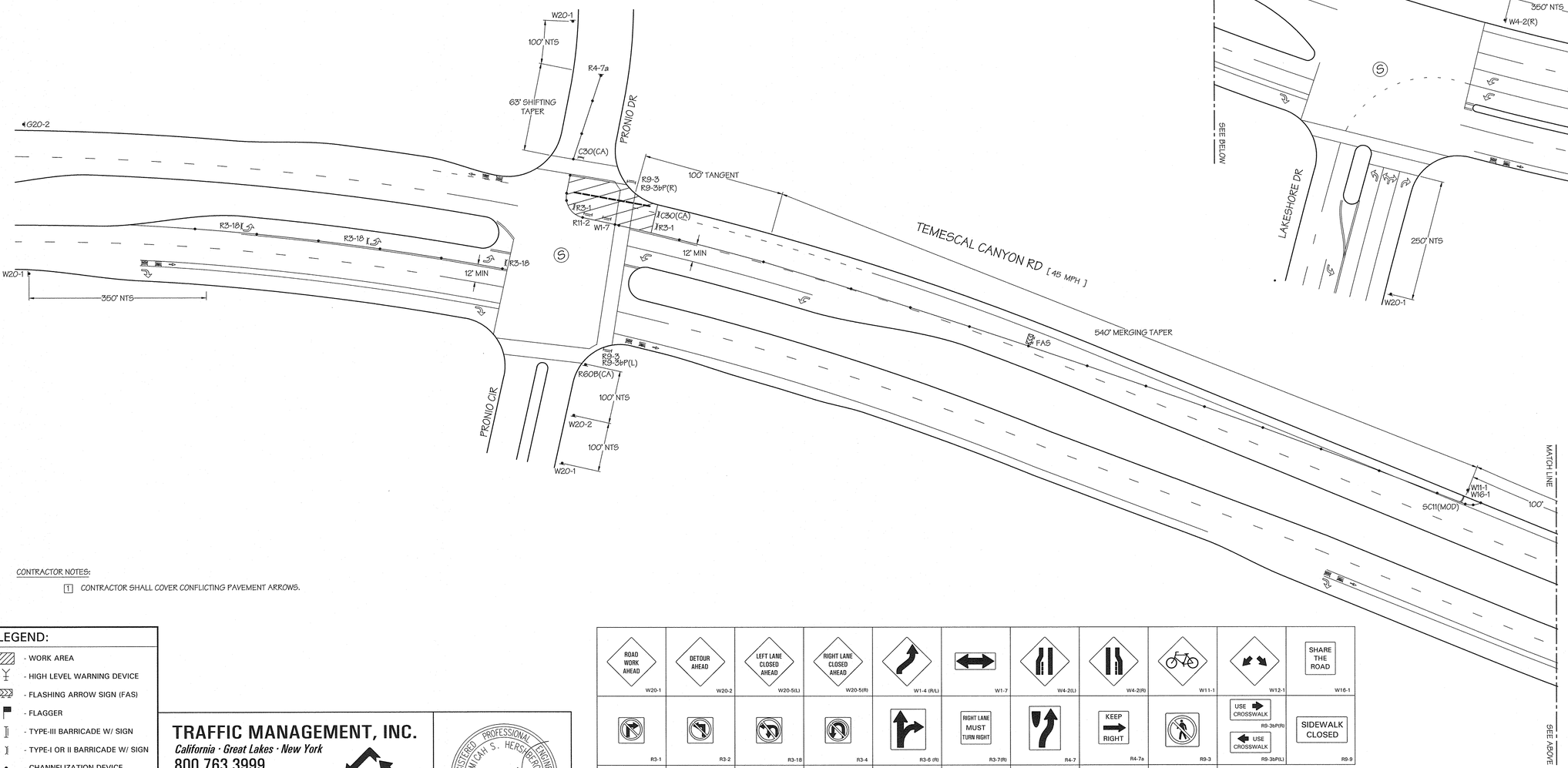
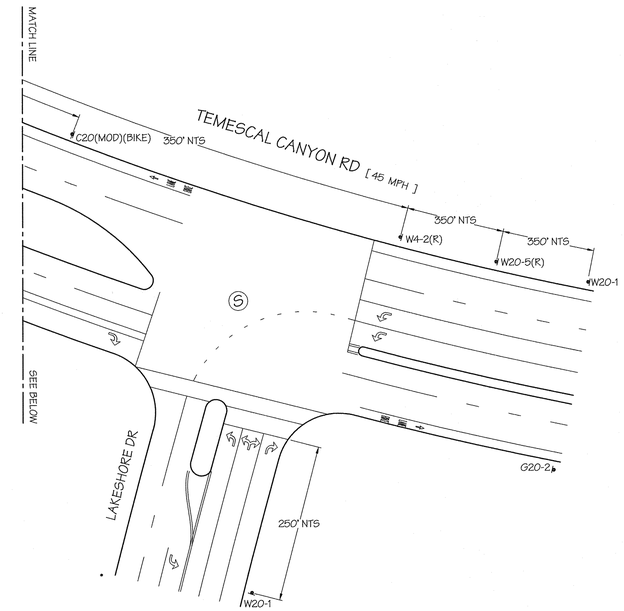


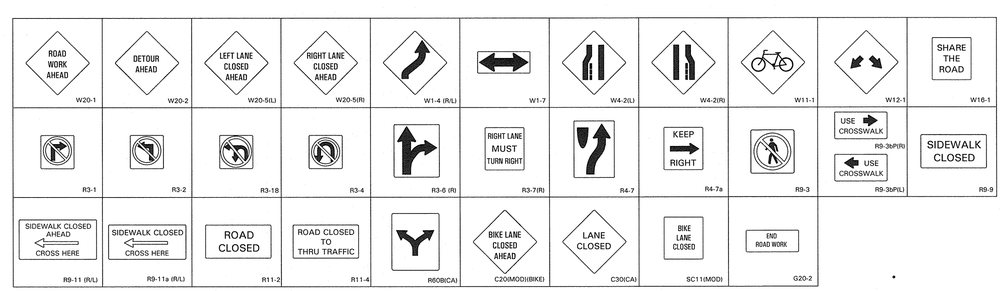


CONTRACTOR NOTES:

1. CONTRACTOR SHALL COVER CONFLICTING PAVEMENT ARROWS.

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY



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REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA

REV. NO.	DATE	DRWN	CHKD	REMARKS
-				

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INLAND EMPIRE BRINE LINE
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CITY OF CORONA

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 52 OF 98

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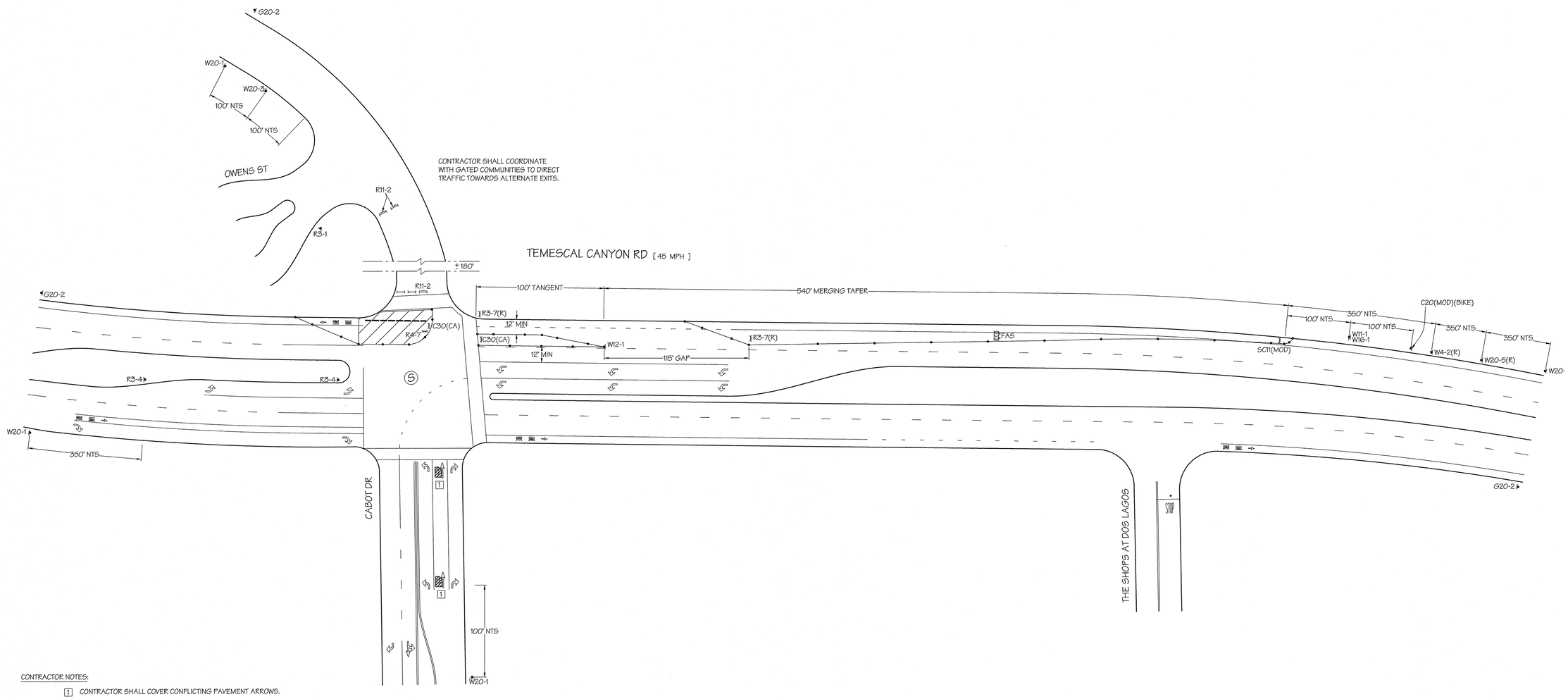

CONTRACTOR NOTES:

1. CONTRACTOR SHALL COVER CONFLICTING PAVEMENT ARROWS.

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
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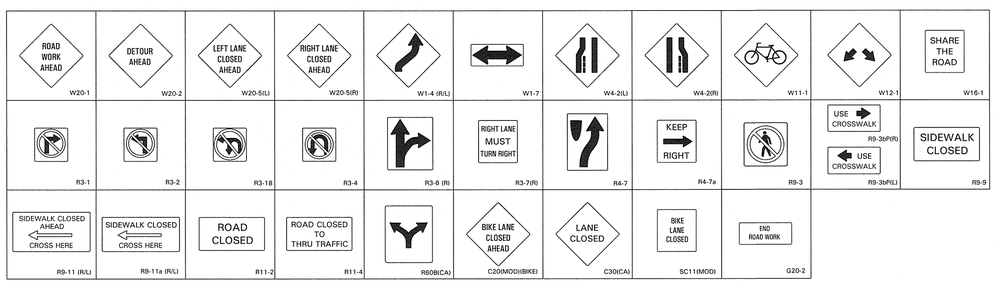
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY



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PROJECT NO. FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 53 OF 98

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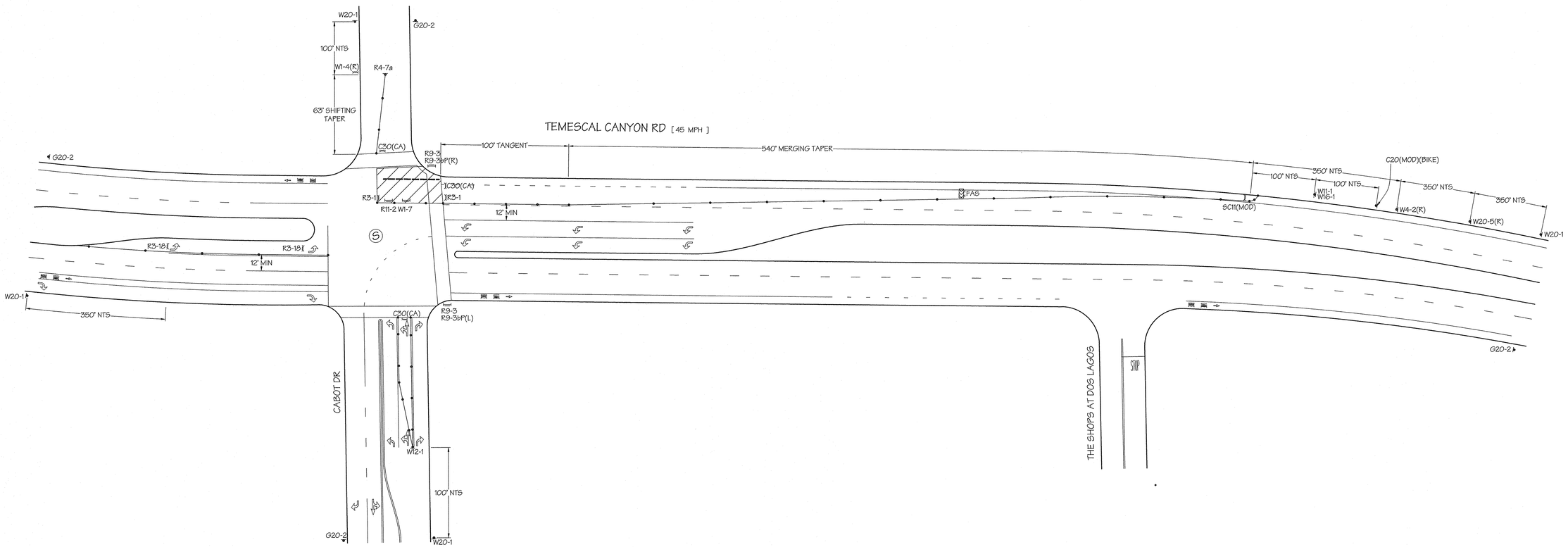

CONTRACTOR NOTES:

1. CONTRACTOR SHALL COVER CONFLICTING PAVEMENT ARROWS.

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
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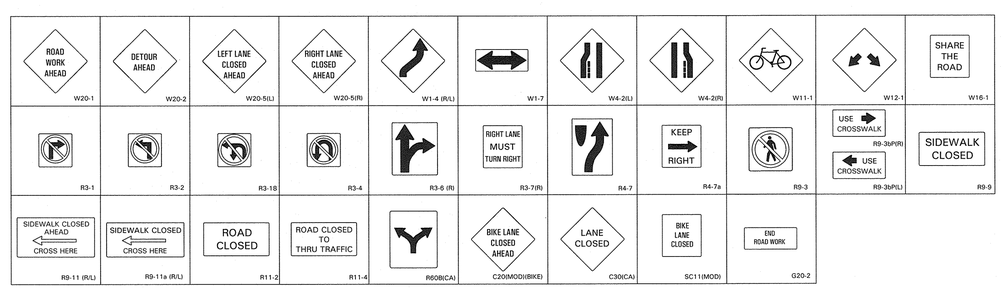
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY



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PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 54 OF 98

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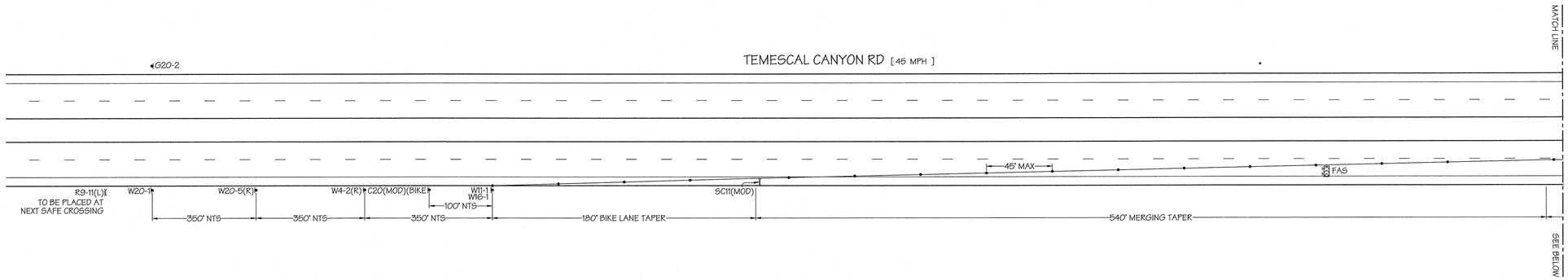

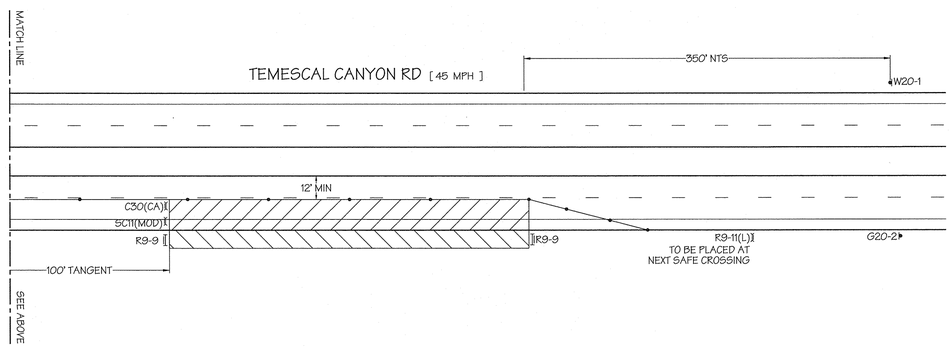

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY

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REGISTERED PROFESSIONAL ENGINEER
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SINGLE LANE CLOSURE WITH SIDEWALK CLOSURE

REV. NO.	DATE	DRWN	CHKD	REMARKS

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INLAND EMPIRE BRINE LINE
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TYPICAL TRAFFIC CONTROL SET UPS
FOR BYPASS INSTALL & POTHOLING

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 55 OF 98

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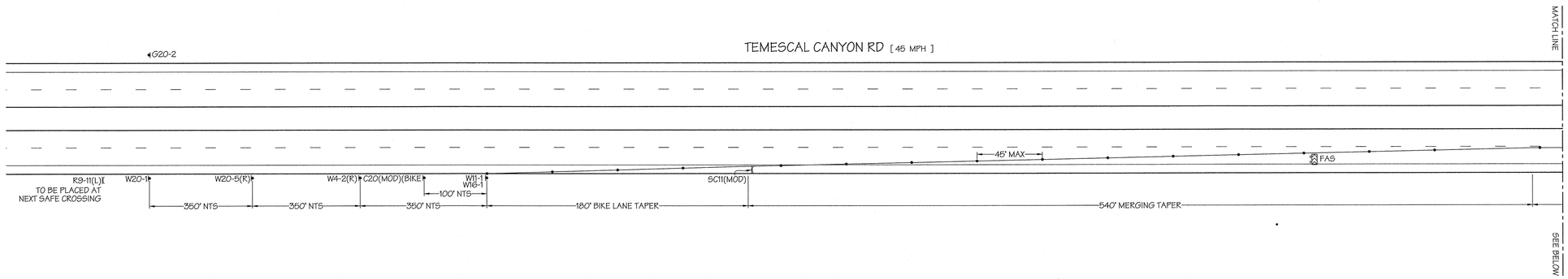

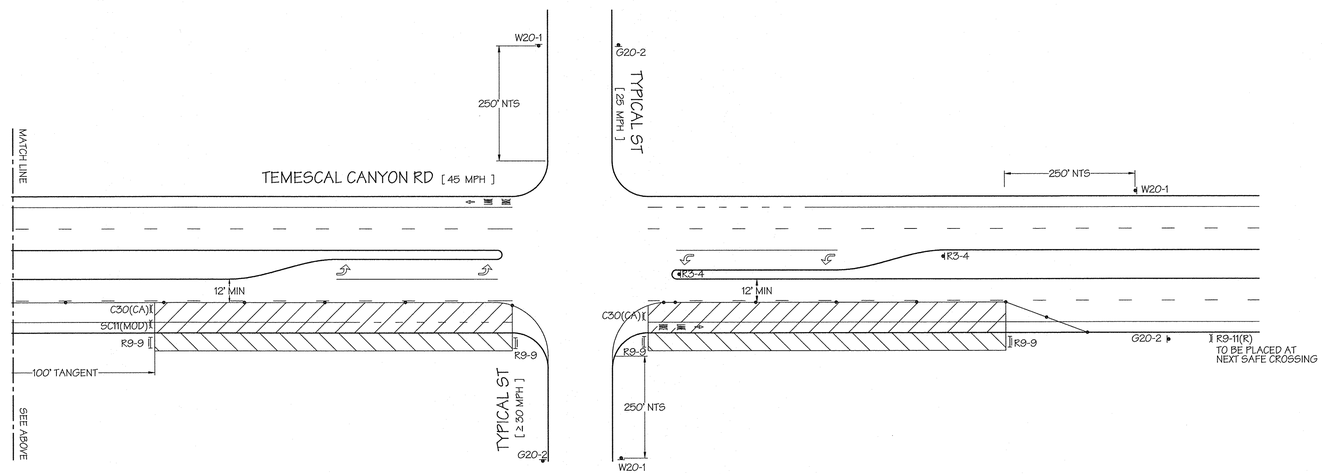

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
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- 10' K-RAIL
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- TU-14 CRASH ARRAY

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SINGLE LANE CLOSURE AT INTERSECTION WITH SIDEWALK CLOSURE

REV. NO.	DATE	DRWN	CHKD	REMARKS

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APPROVED BY: -
DATE: AUGUST 2014

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PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 56 OF 98

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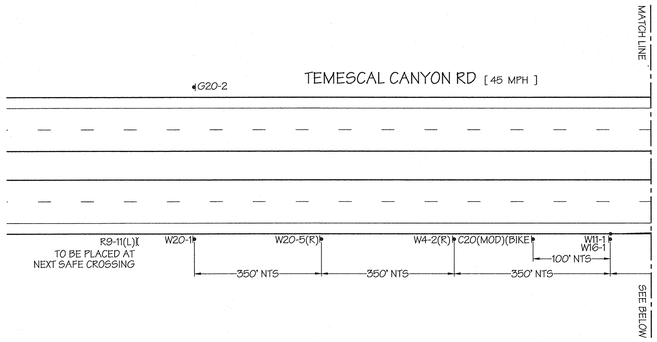

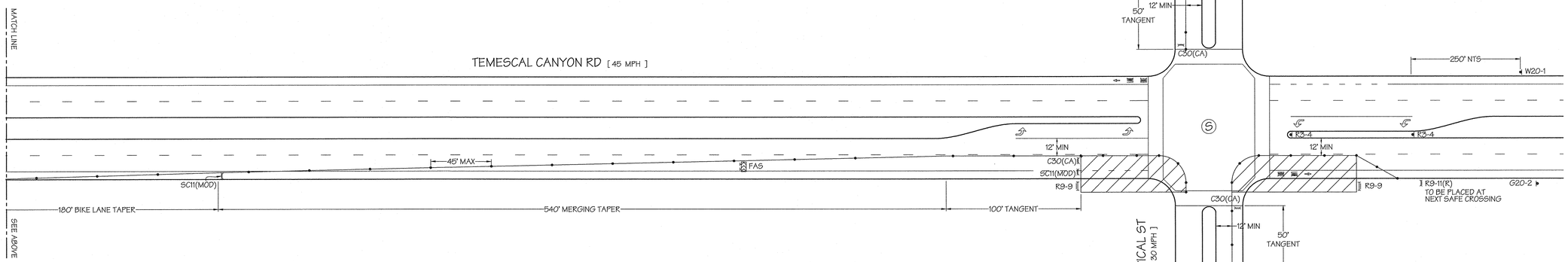

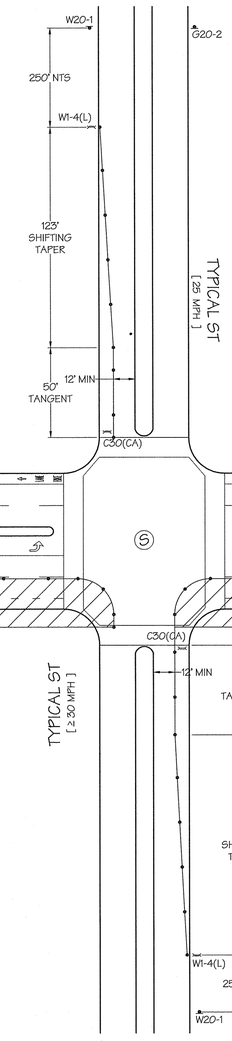

SINGLE LANE CLOSURE THROUGH INTERSECTION

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
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- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY

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Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-27-14

REV. NO.	DATE	DRWN	CHKD	REMARKS

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TYPICAL TRAFFIC CONTROL SET UPS
FOR BYPASS INSTALL & POTHOLING

PROJECT NO. FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 57 OF 98

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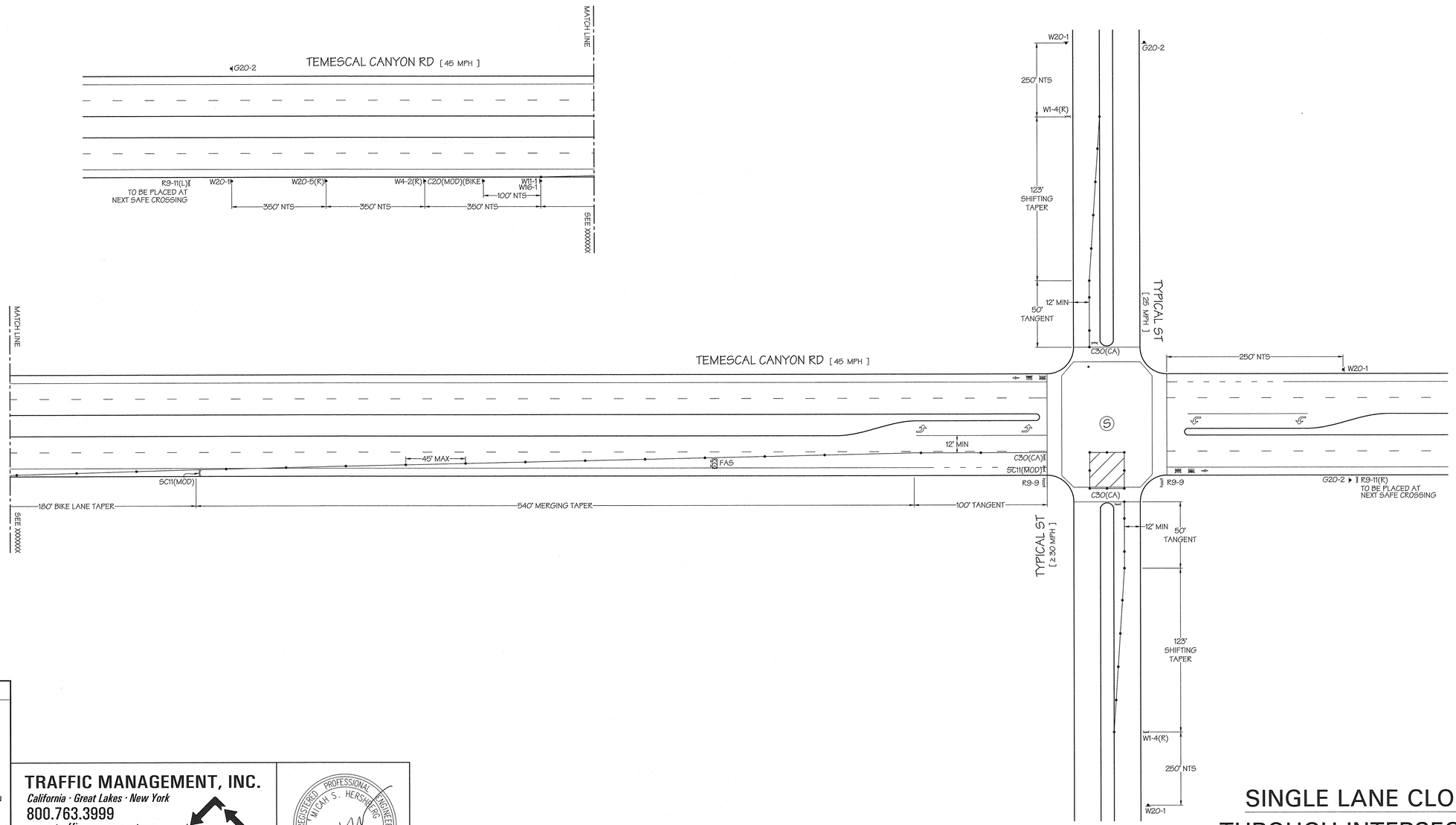

SINGLE LANE CLOSURE THROUGH INTERSECTION

LEGEND:

- WORK AREA
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- FLAGGER
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STATE OF CALIFORNIA
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CROSS CHK'D BY: -
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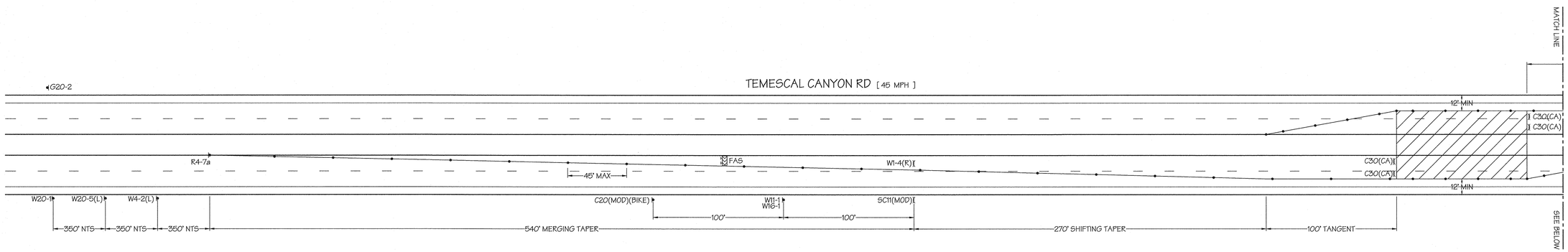

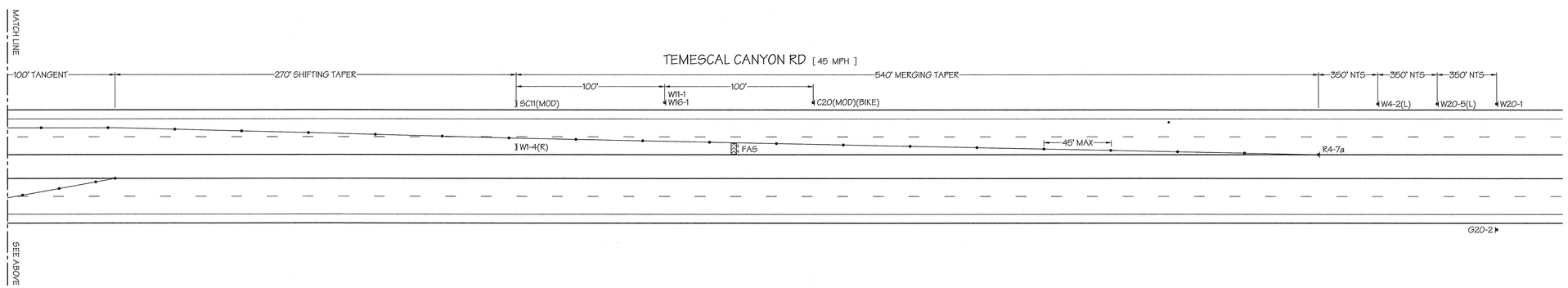

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY

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REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 84477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-27-14

INSIDE LANE CLOSURES

REV. NO.	DATE	DRWN	CHKD	REMARKS
-				

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CROSS CHK'D BY: -
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DATE: AUGUST 2014

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INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
TYPICAL TRAFFIC CONTROL SET UPS
FOR BYPASS INSTALL & POTHOLING

PROJECT NO/ FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 59 OF 98

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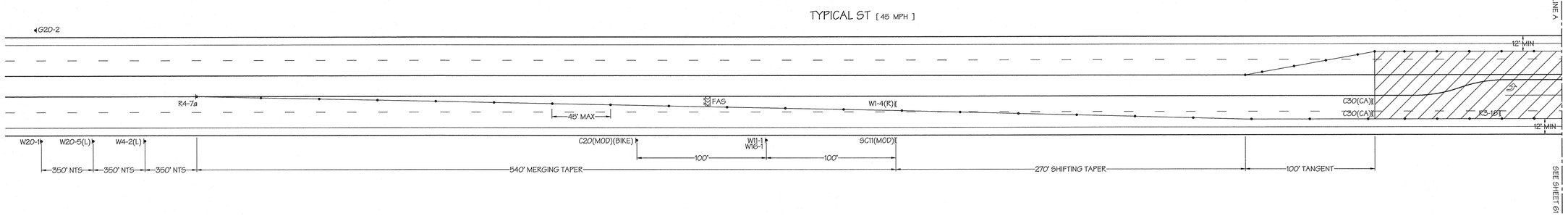

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INSIDE LANE CLOSURES AT INTERSECTION

REV. NO.	DATE	DRWN	CHKD	REMARKS
-				

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PROJECT NO. / FILE NAME: 7616.0004
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SHEET NO. 60 OF 98

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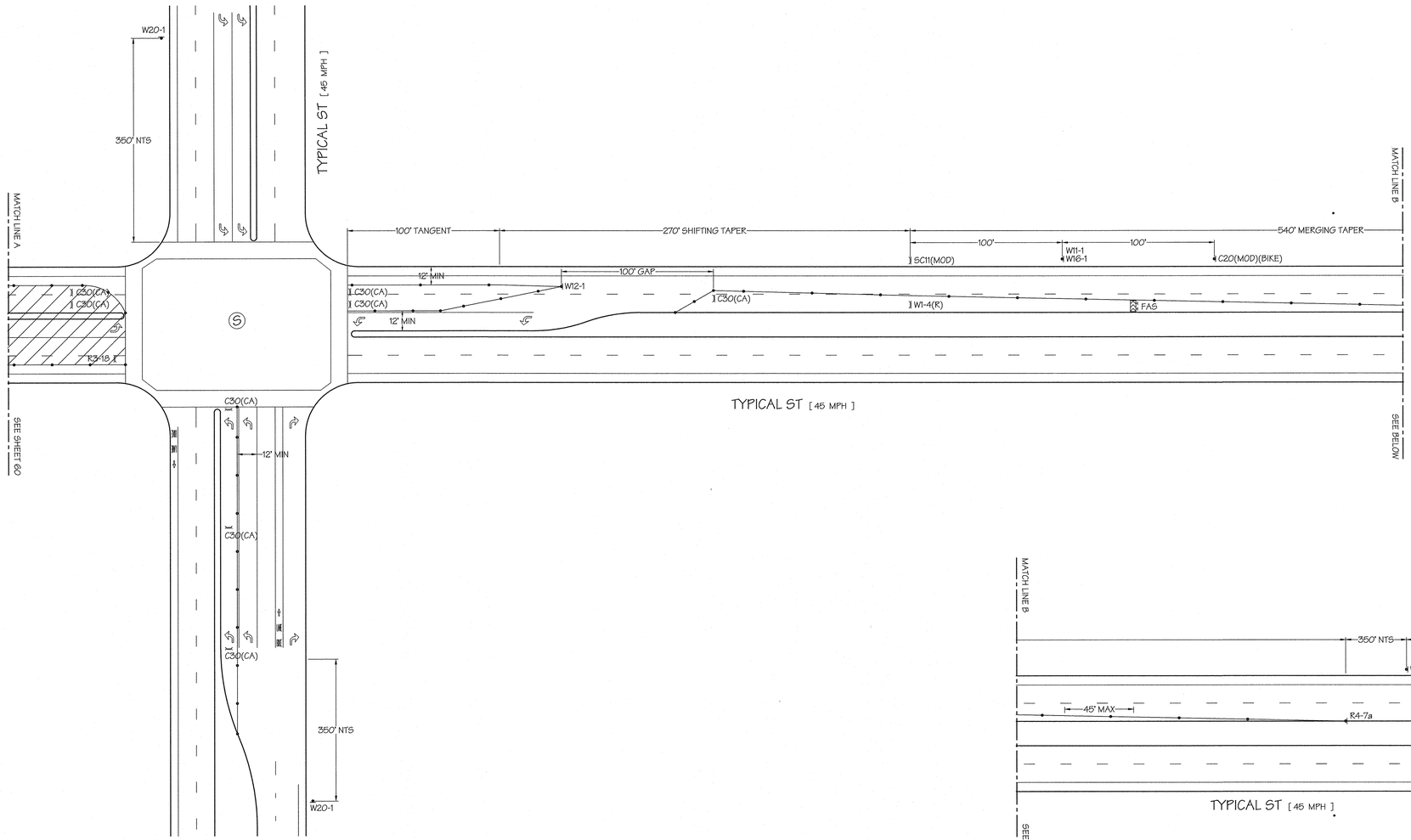

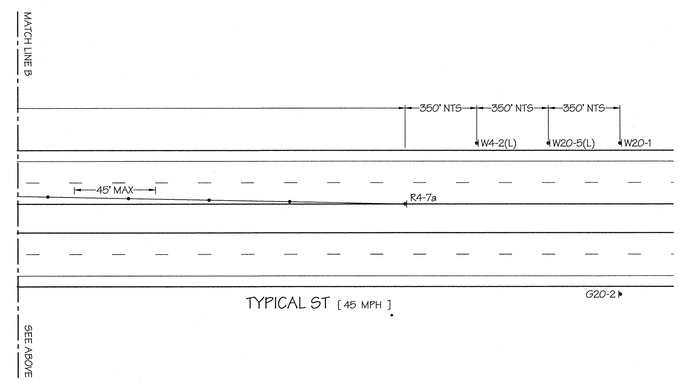

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INSIDE LANE CLOSURES AT INTERSECTION (CONT.)

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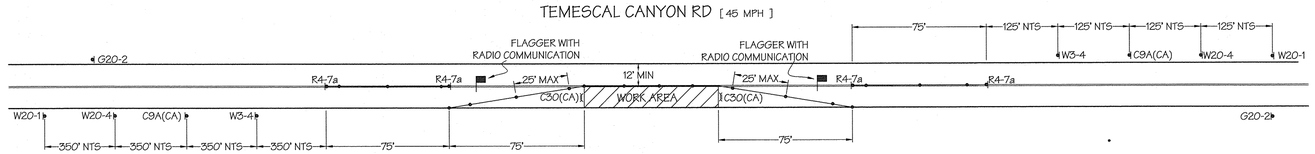
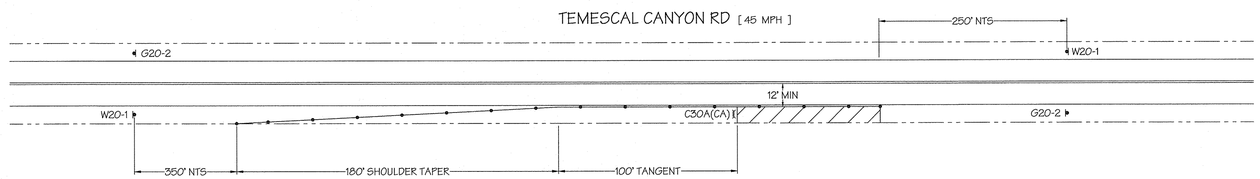


FLAGGING OPERATION



SHOULDER CLOSURE

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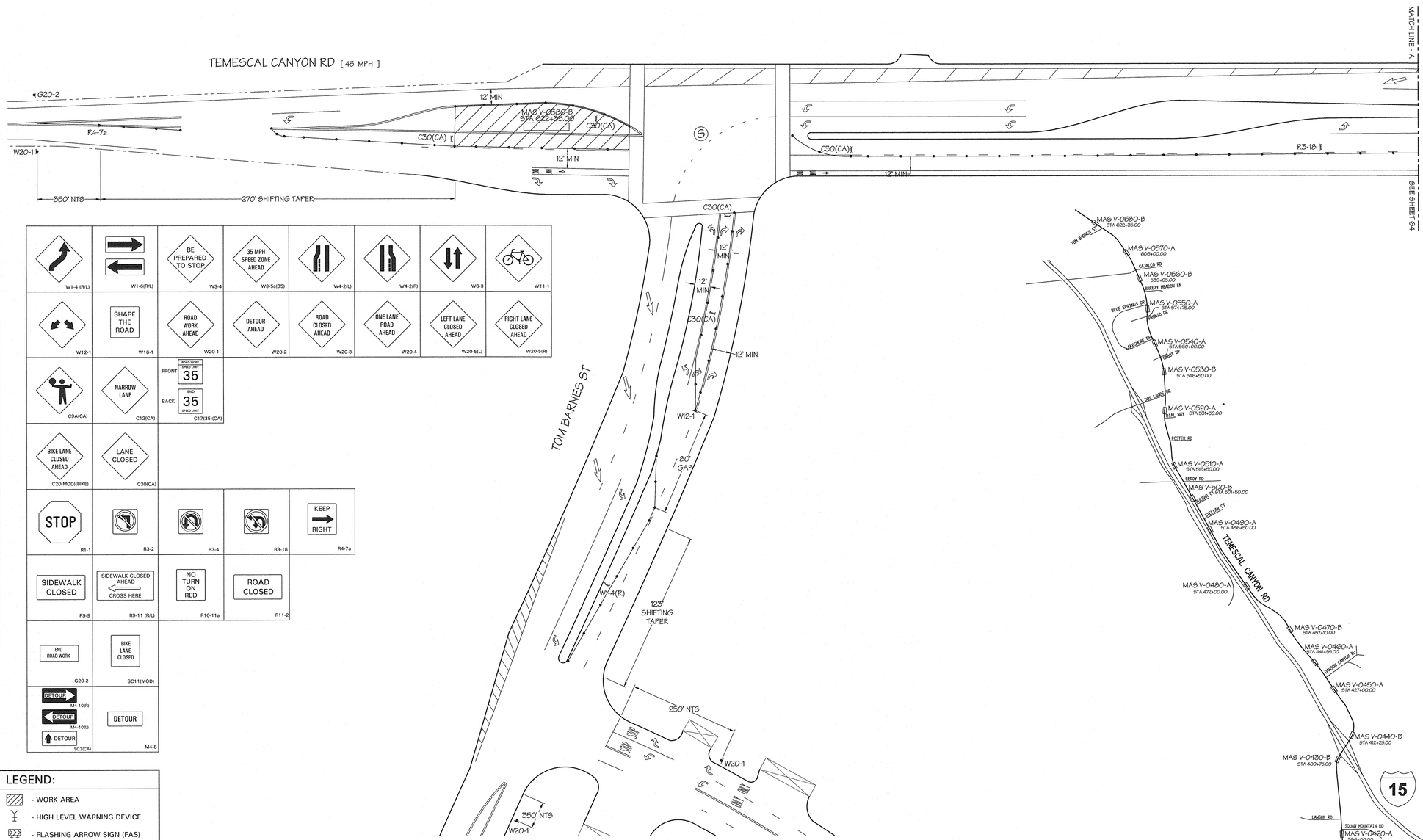

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REGISTERED PROFESSIONAL ENGINEER
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Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8/27/14

CONSTRUCTION PHASE: 1-1

REV. NO.	DATE	DRWN	CHKD	REMARKS

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RIVERSIDE COUNTY

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 63 OF 98

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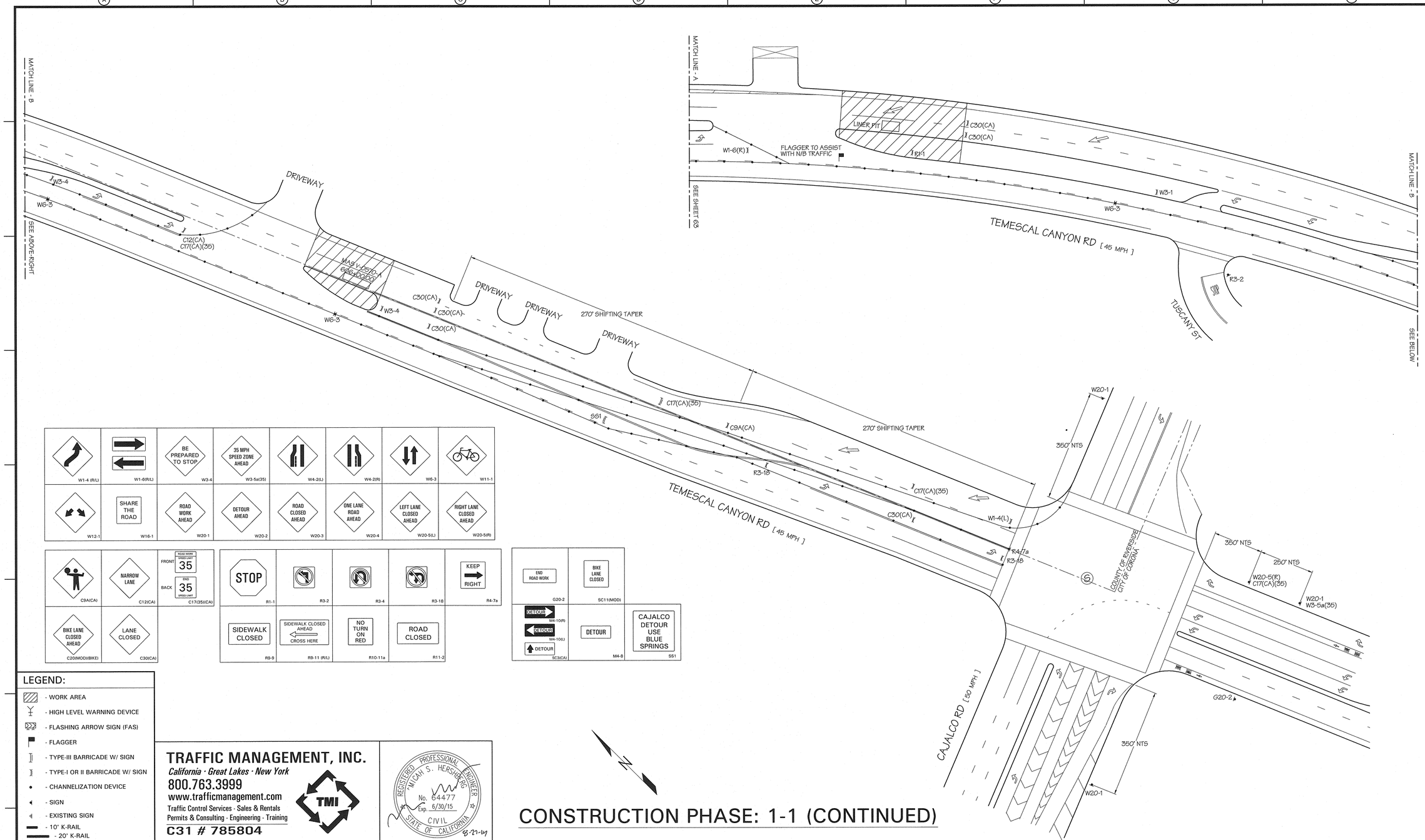

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REGISTERED PROFESSIONAL ENGINEER
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No. 64477
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CIVIL
STATE OF CALIFORNIA
8-27-14

CONSTRUCTION PHASE: 1-1 (CONTINUED)

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PROJECT NO. FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 64 OF 98

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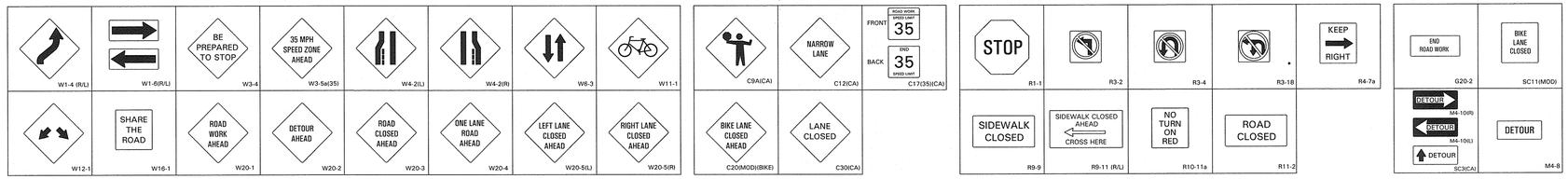
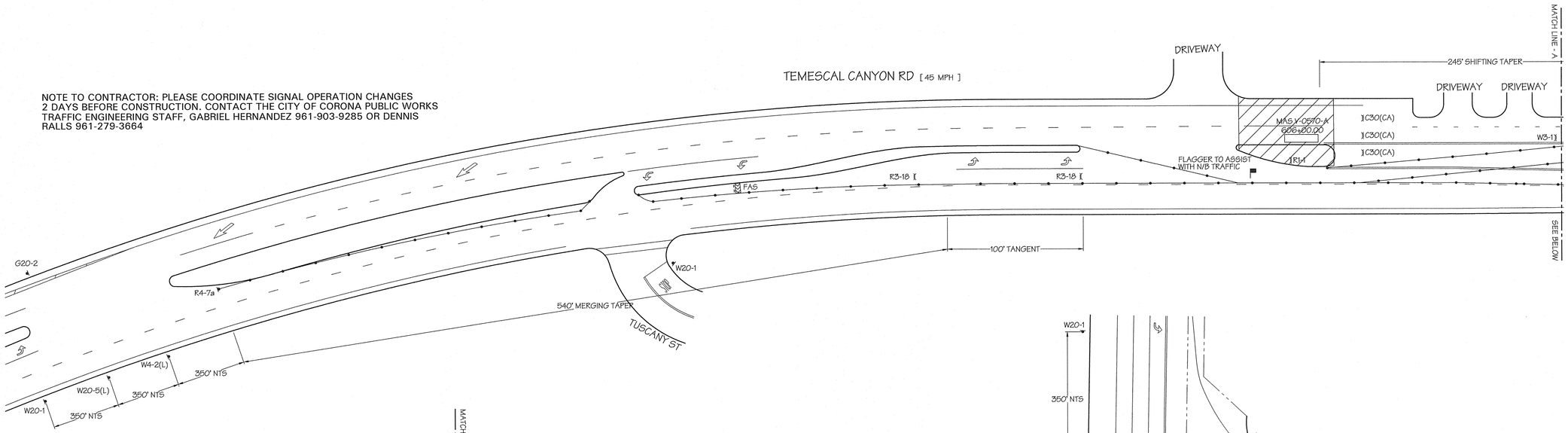


NOTE TO CONTRACTOR: PLEASE COORDINATE SIGNAL OPERATION CHANGES 2 DAYS BEFORE CONSTRUCTION. CONTACT THE CITY OF CORONA PUBLIC WORKS TRAFFIC ENGINEERING STAFF, GABRIEL HERNANDEZ 961-903-9285 OR DENNIS RALLS 961-279-3664



CONSTRUCTION PHASE: 1-2

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PLAN ORDER: 11636

REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERGER
No. 64477
Exp. 6/30/15
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8-27-14

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CITY OF CORONA

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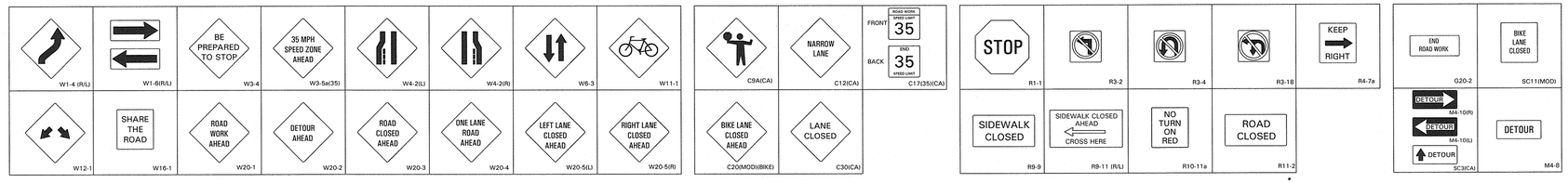

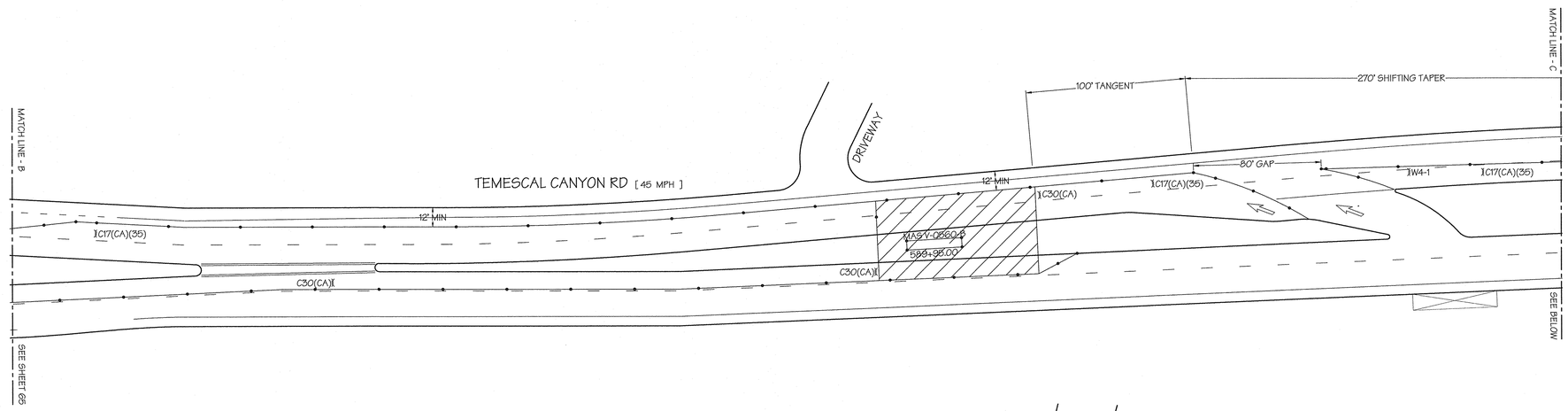

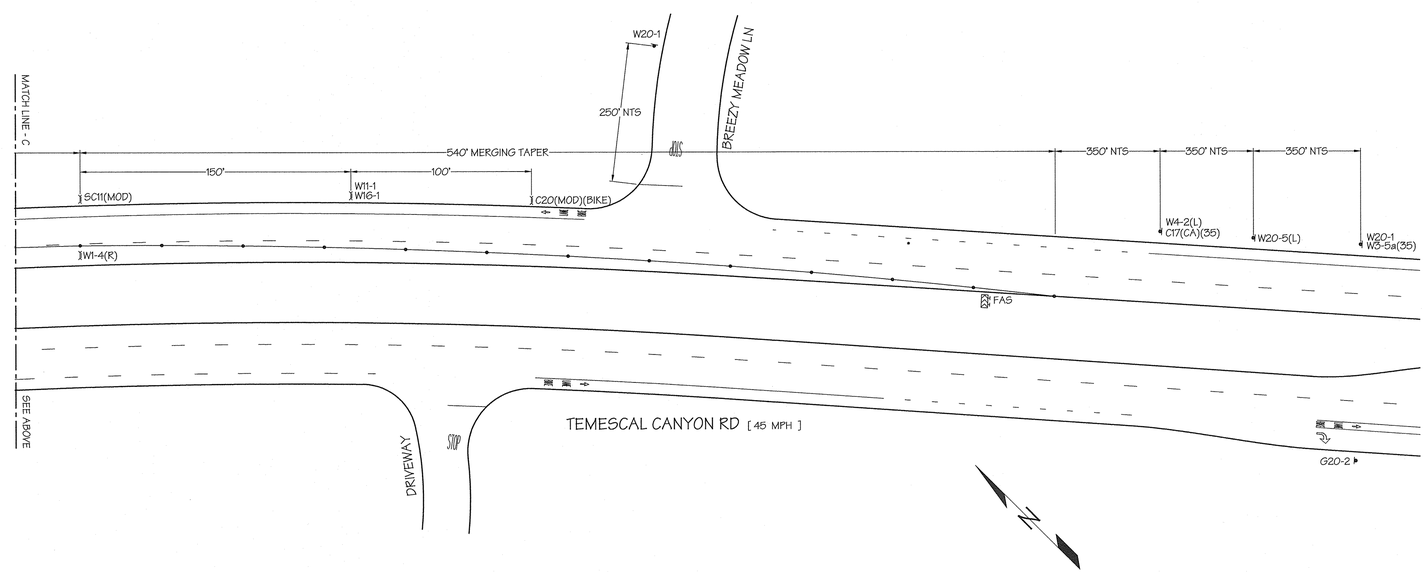

CONSTRUCTION PHASE: 1-2 (CONTINUED)

CITY OF CORONA	
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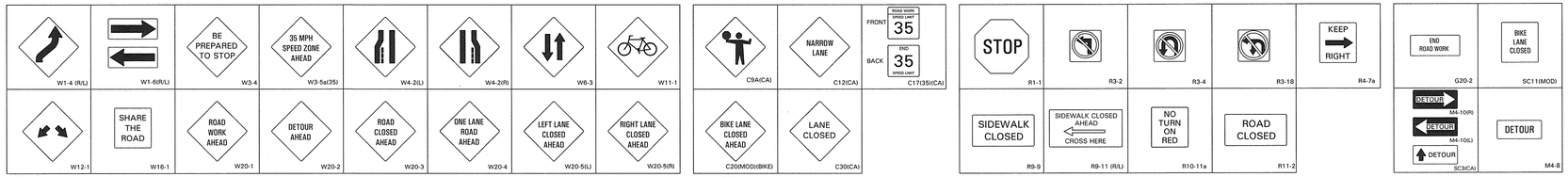

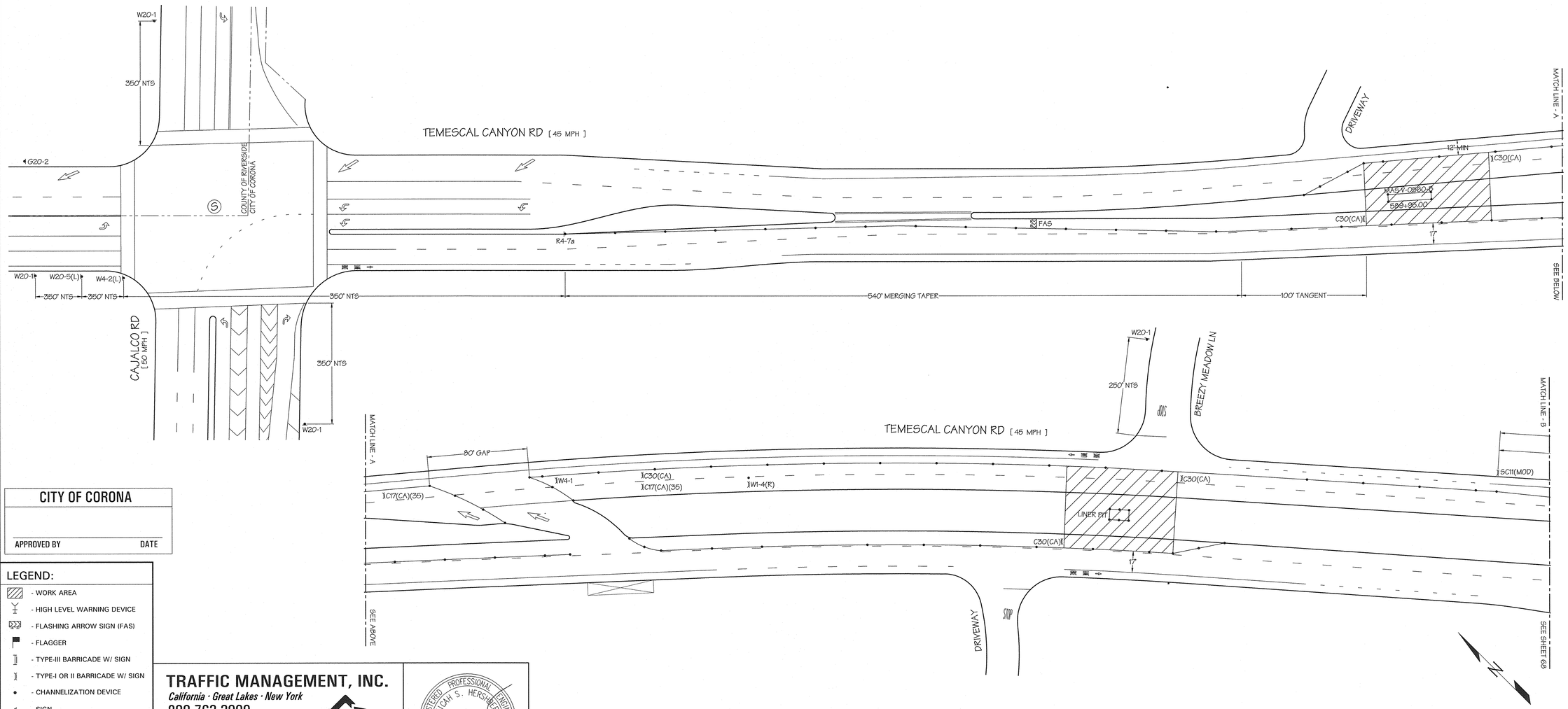

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CONSTRUCTION PHASE: 1-3

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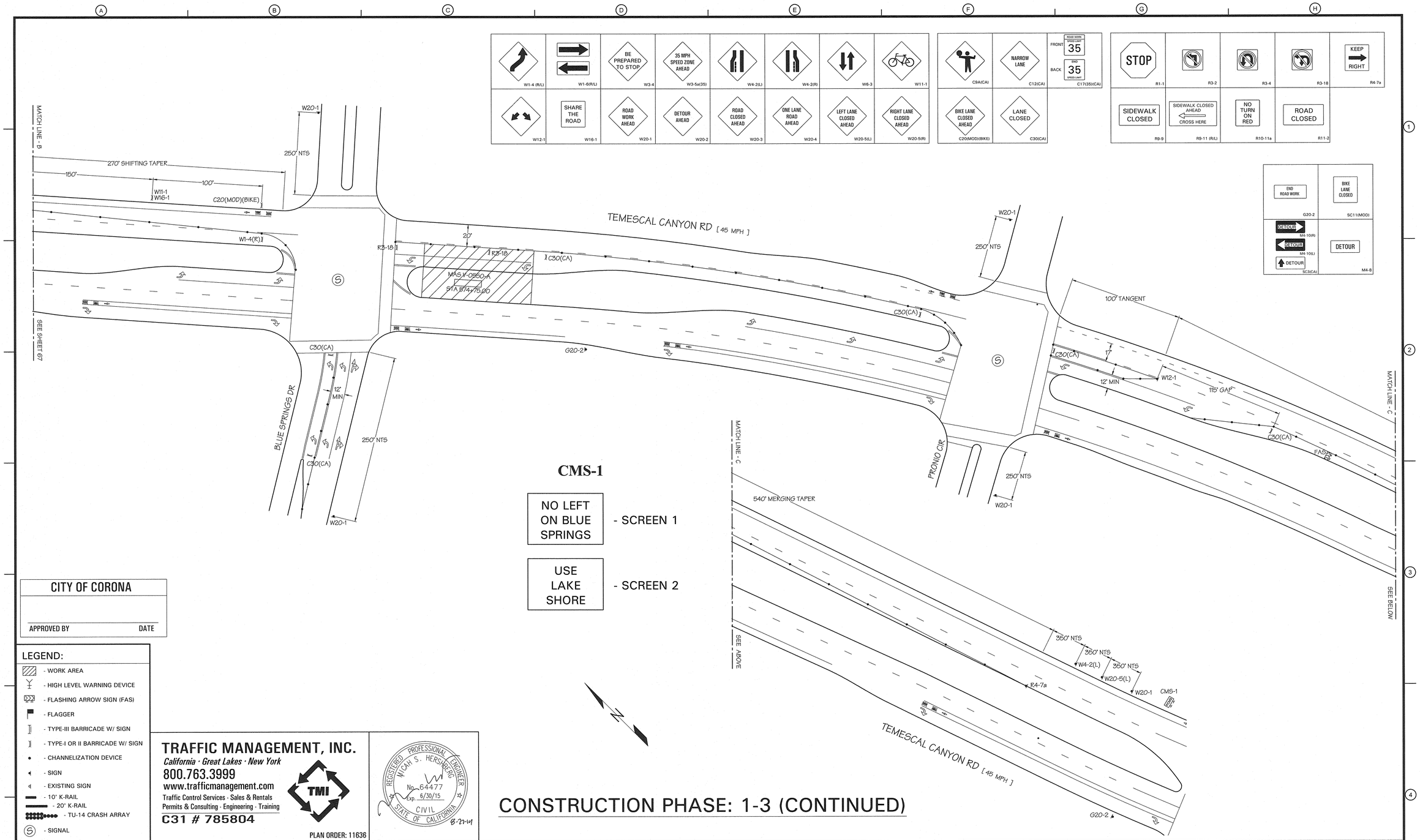

CMS-1

NO LEFT ON BLUE SPRINGS	- SCREEN 1
USE LAKE SHORE	- SCREEN 2

CITY OF CORONA

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CONSTRUCTION PHASE: 1-3 (CONTINUED)

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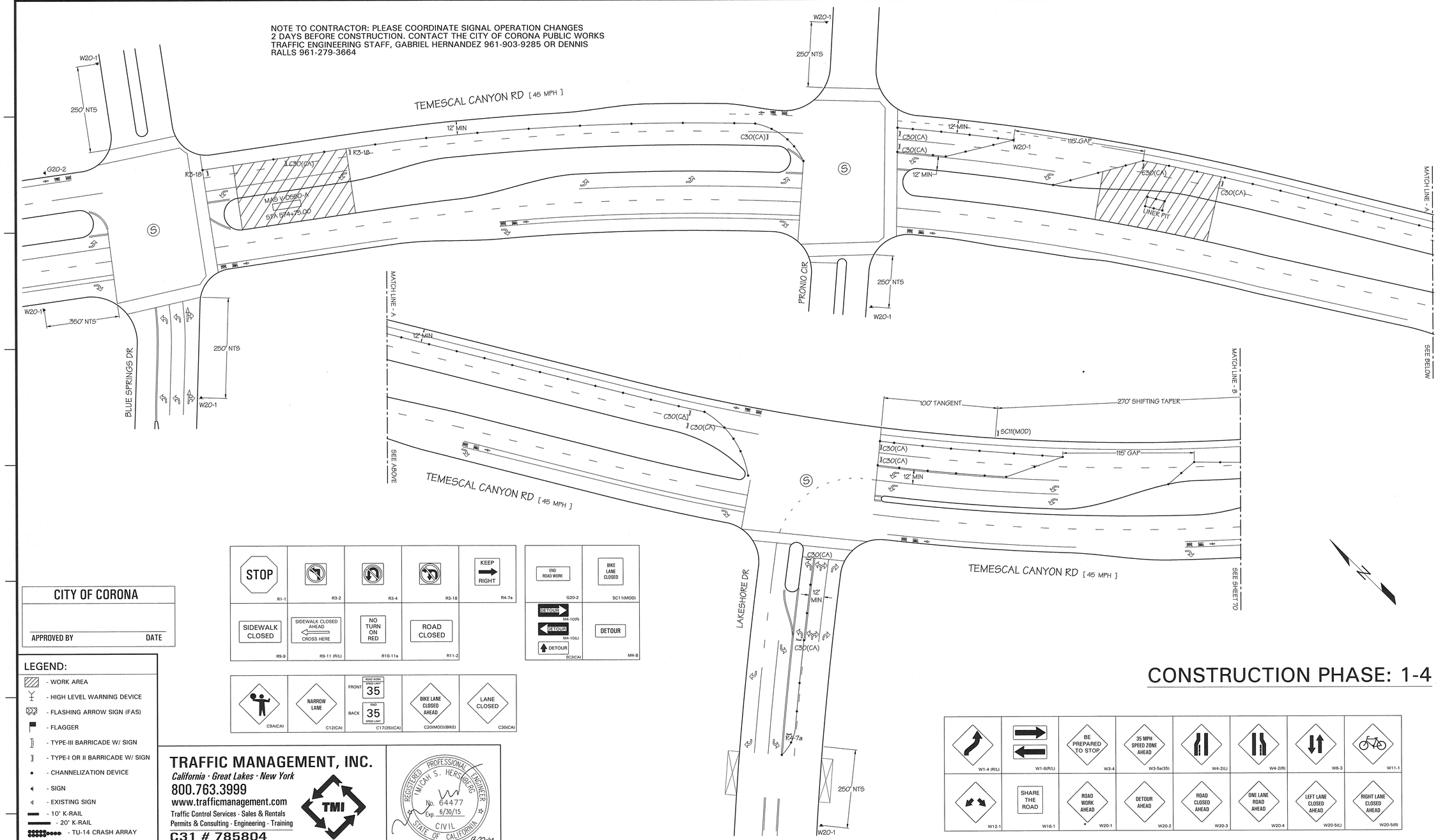
INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
RIVERSIDE COUNTY

PROJECT NO. FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 68 OF 98

\\Tmi.lan\dfs\Traf Plans\ServerDwgFiles\116140 8/27/2014 12:23 PM

NOTE TO CONTRACTOR: PLEASE COORDINATE SIGNAL OPERATION CHANGES 2 DAYS BEFORE CONSTRUCTION. CONTACT THE CITY OF CORONA PUBLIC WORKS TRAFFIC ENGINEERING STAFF, GABRIEL HERNANDEZ 961-903-9285 OR DENNIS RALLS 961-279-3664



CITY OF CORONA

APPROVED BY DATE

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY
- SIGNAL

CONSTRUCTION PHASE: 1-4

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PLAN ORDER: 11636

REGISTERED PROFESSIONAL ENGINEER — MICAH S. HERSHBERG — No. 64477 — Exp. 6/30/15 — CIVIL — STATE OF CALIFORNIA — 8-27-14

REV. NO.	DATE	DRWN	CHKD	REMARKS
-				

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INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
RIVERSIDE COUNTY

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 69 OF 98

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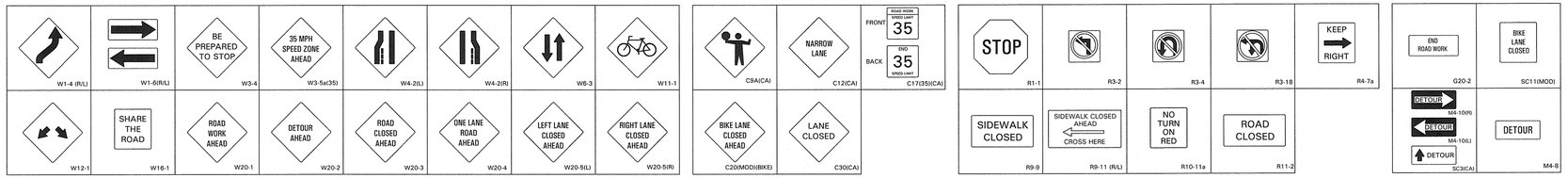

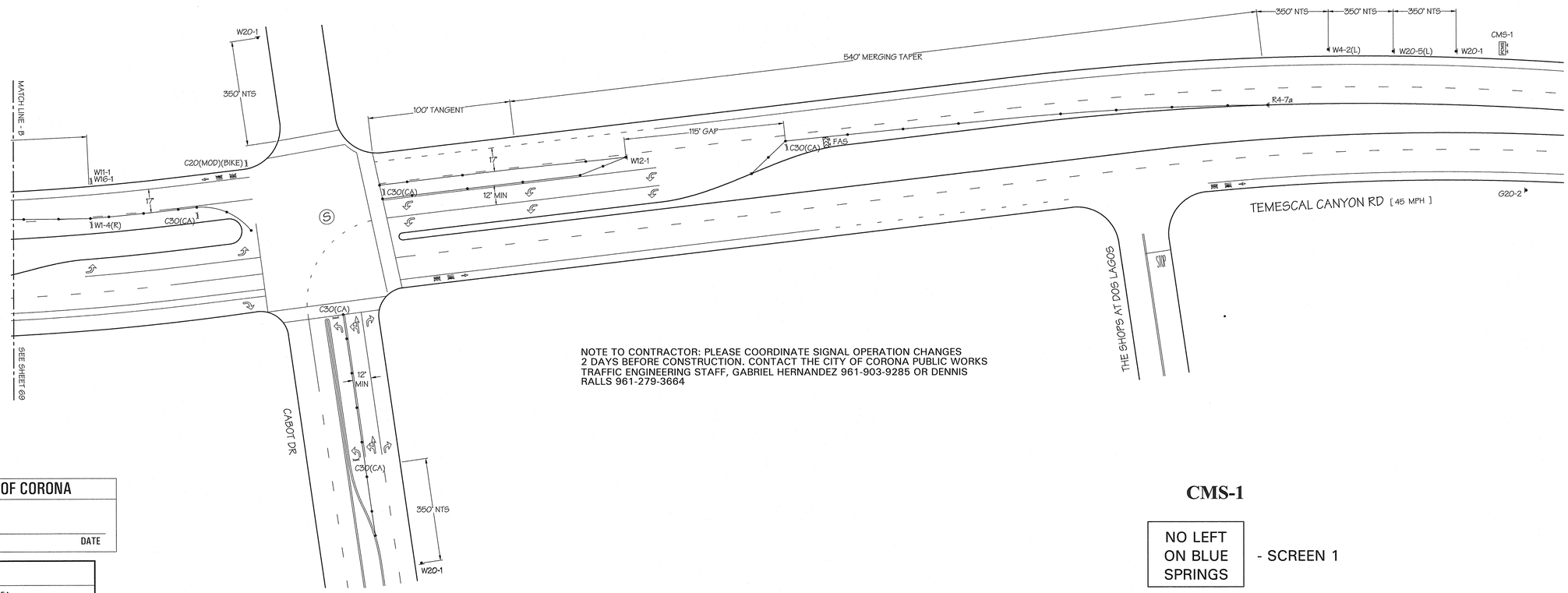

NOTE TO CONTRACTOR: PLEASE COORDINATE SIGNAL OPERATION CHANGES 2 DAYS BEFORE CONSTRUCTION. CONTACT THE CITY OF CORONA PUBLIC WORKS TRAFFIC ENGINEERING STAFF, GABRIEL HERNANDEZ 961-903-9285 OR DENNIS RALLS 961-279-3664

CMS-1

NO LEFT ON BLUE SPRINGS	- SCREEN 1
USE LAKE SHORE	- SCREEN 2

CITY OF CORONA

APPROVED BY DATE

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
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REGISTERED PROFESSIONAL ENGINEER MICAH S. HERSHBERG No. 64477 Exp. 6/30/15 CIVIL STATE OF CALIFORNIA 8-27-14

CONSTRUCTION PHASE: 1-4 (CONTINUED)

REV. NO.	DATE	DRWN	CHKD	REMARKS
-				

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INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
RIVERSIDE COUNTY

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 70 OF 98

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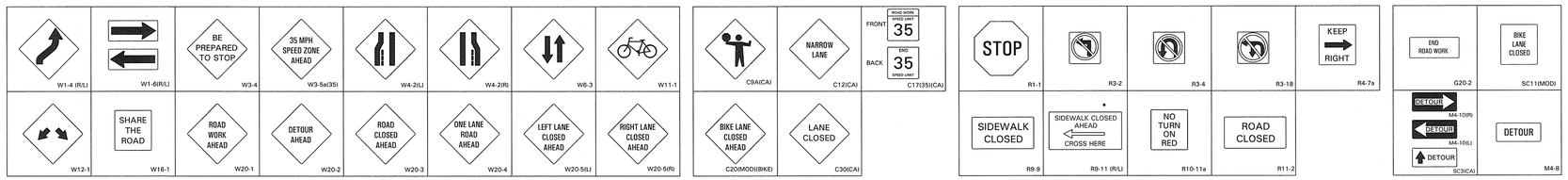

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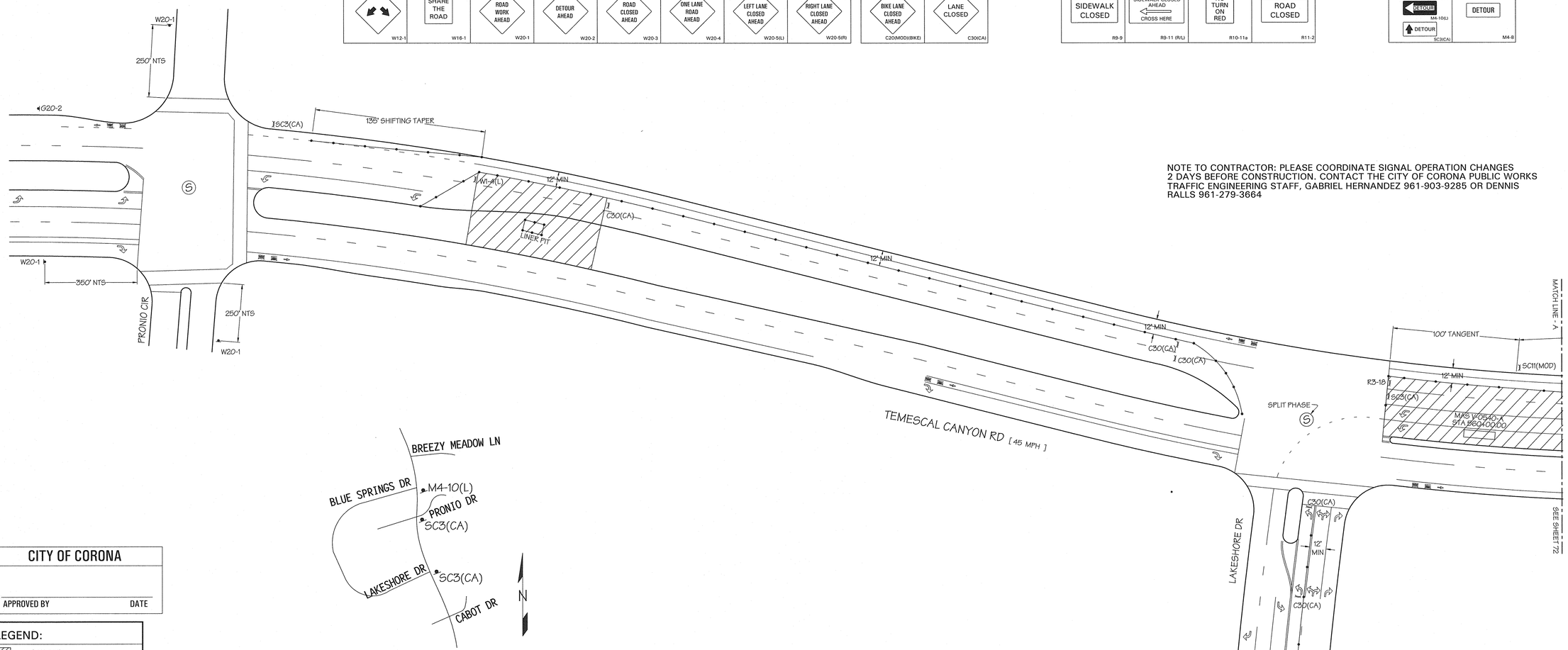

DETAIL MAP: NO SCALE

CONSTRUCTION PHASE: 1-5

CITY OF CORONA	
APPROVED BY	DATE

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
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REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA

REV. NO.	DATE	DRWN	CHKD	REMARKS

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INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
RIVERSIDE COUNTY

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 71 OF 98

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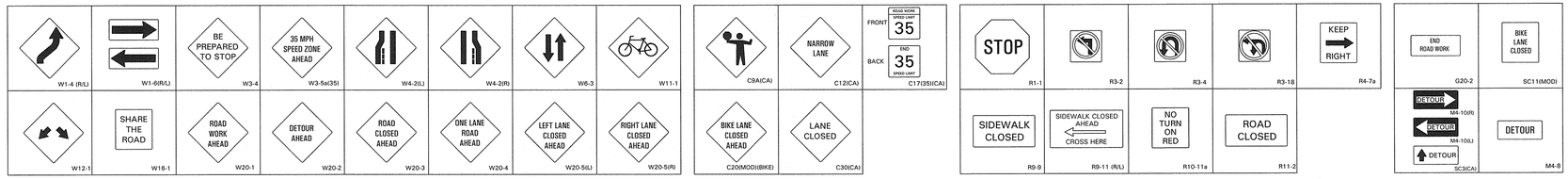

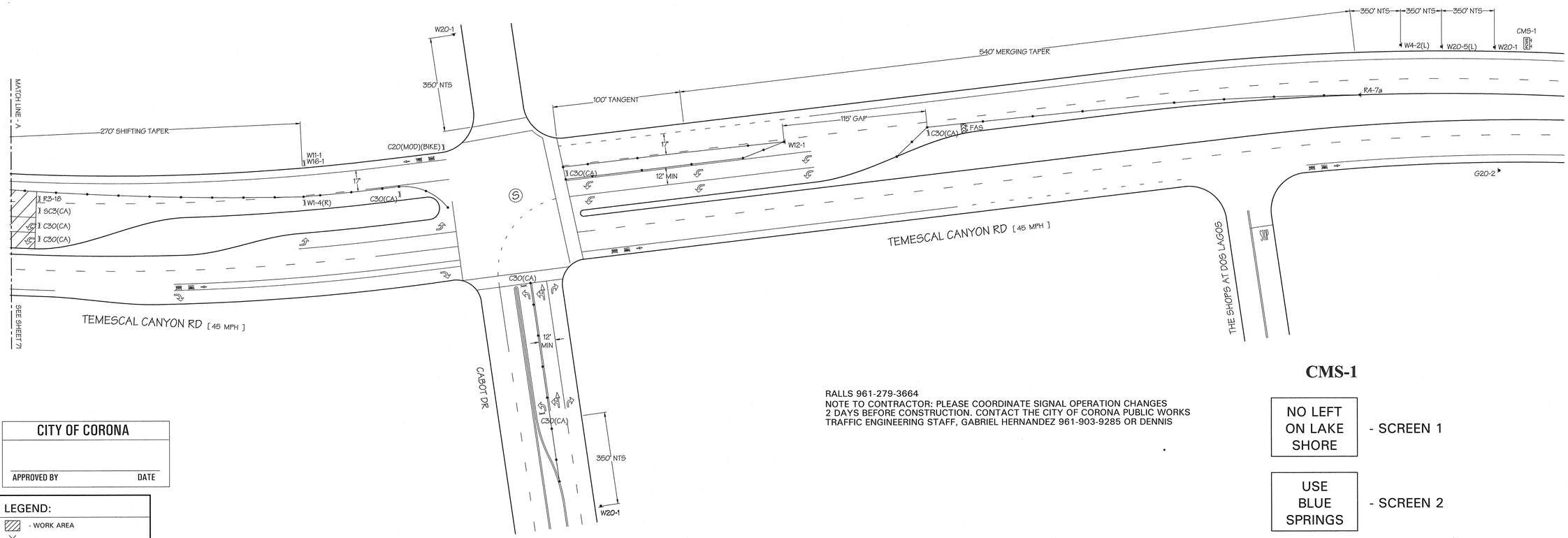

RALLS 961-279-3664
NOTE TO CONTRACTOR: PLEASE COORDINATE SIGNAL OPERATION CHANGES 2 DAYS BEFORE CONSTRUCTION. CONTACT THE CITY OF CORONA PUBLIC WORKS TRAFFIC ENGINEERING STAFF, GABRIEL HERNANDEZ 961-903-9285 OR DENNIS

CMS-1

NO LEFT ON LAKE SHORE	- SCREEN 1
USE BLUE SPRINGS	- SCREEN 2

CITY OF CORONA

APPROVED BY DATE

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
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REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 64477
Exp. 6/30/15
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8-27-14

CONSTRUCTION PHASE: 1-5 (CONTINUED)

REV. NO.	DATE	DRWN	CHKD	REMARKS
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INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
RIVERSIDE COUNTY

PROJECT NO. FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 72 OF 98

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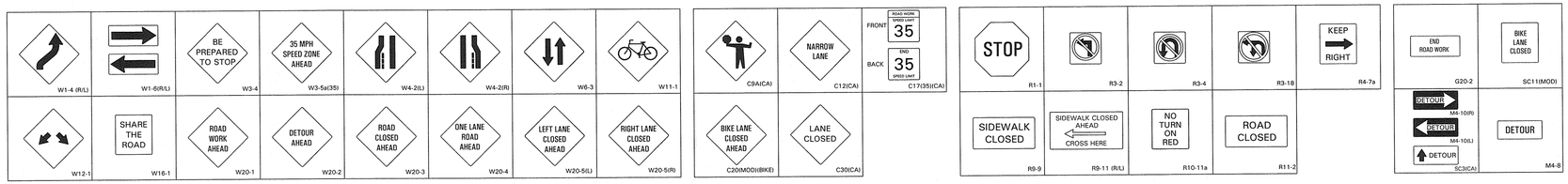

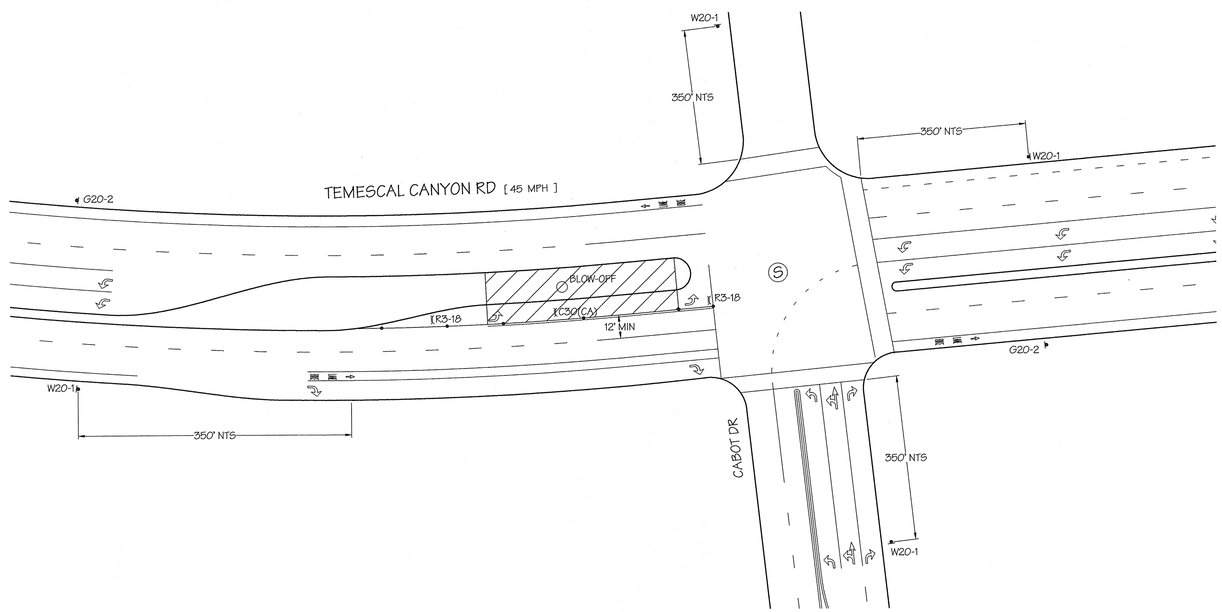

LEGEND:

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- SIGNAL

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REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-27-14

CONSTRUCTION PHASE: 1-6

REV. NO.	DATE	DRWN	CHKD	REMARKS

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INLAND EMPIRE BRINE LINE
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RIVERSIDE COUNTY

PROJECT NO. FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 73 OF 98

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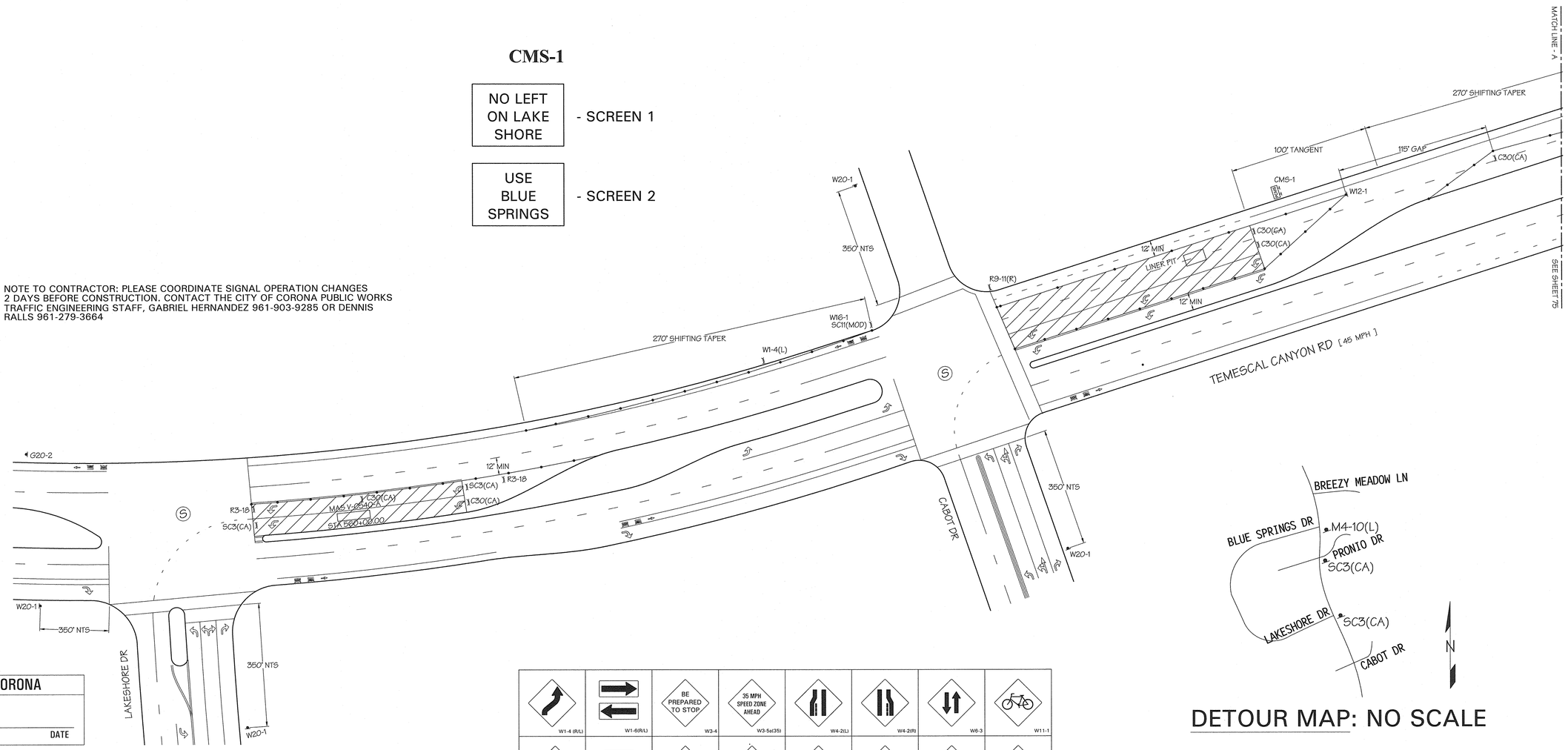
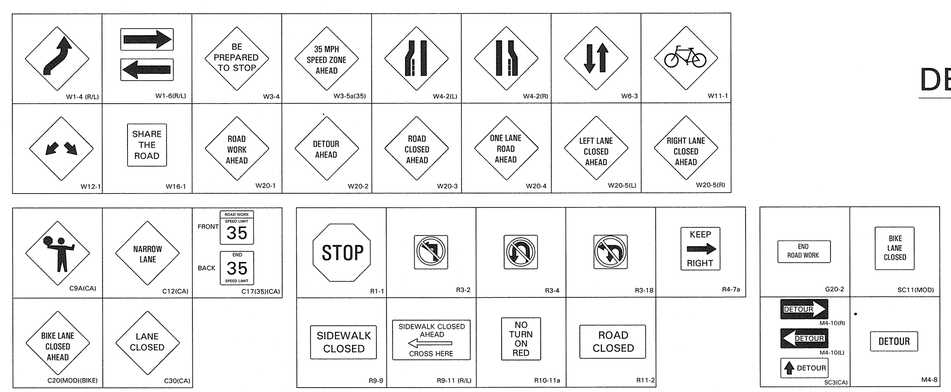
CMS-1

NO LEFT ON LAKE SHORE	- SCREEN 1
USE BLUE SPRINGS	- SCREEN 2

NOTE TO CONTRACTOR: PLEASE COORDINATE SIGNAL OPERATION CHANGES 2 DAYS BEFORE CONSTRUCTION. CONTACT THE CITY OF CORONA PUBLIC WORKS TRAFFIC ENGINEERING STAFF, GABRIEL HERNANDEZ 961-903-9285 OR DENNIS RALLS 961-279-3664



DETOUR MAP: NO SCALE



CONSTRUCTION PHASE: 1-7

CITY OF CORONA

APPROVED BY DATE

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
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- TU-14 CRASH ARRAY
- SIGNAL

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REGISTERED PROFESSIONAL ENGINEER
ARICAH S. HERSHBERG
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Exp. 6/30/15
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STATE OF CALIFORNIA
8-22-14

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INLAND EMPIRE BRINE LINE
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PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 74 OF 98

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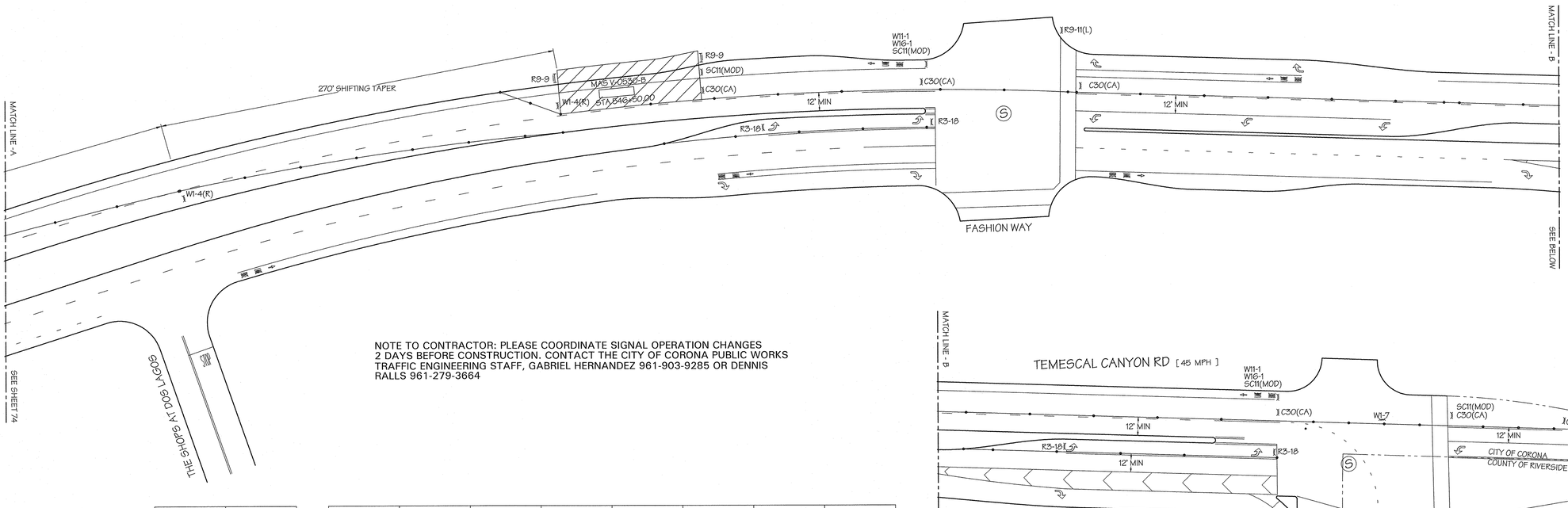

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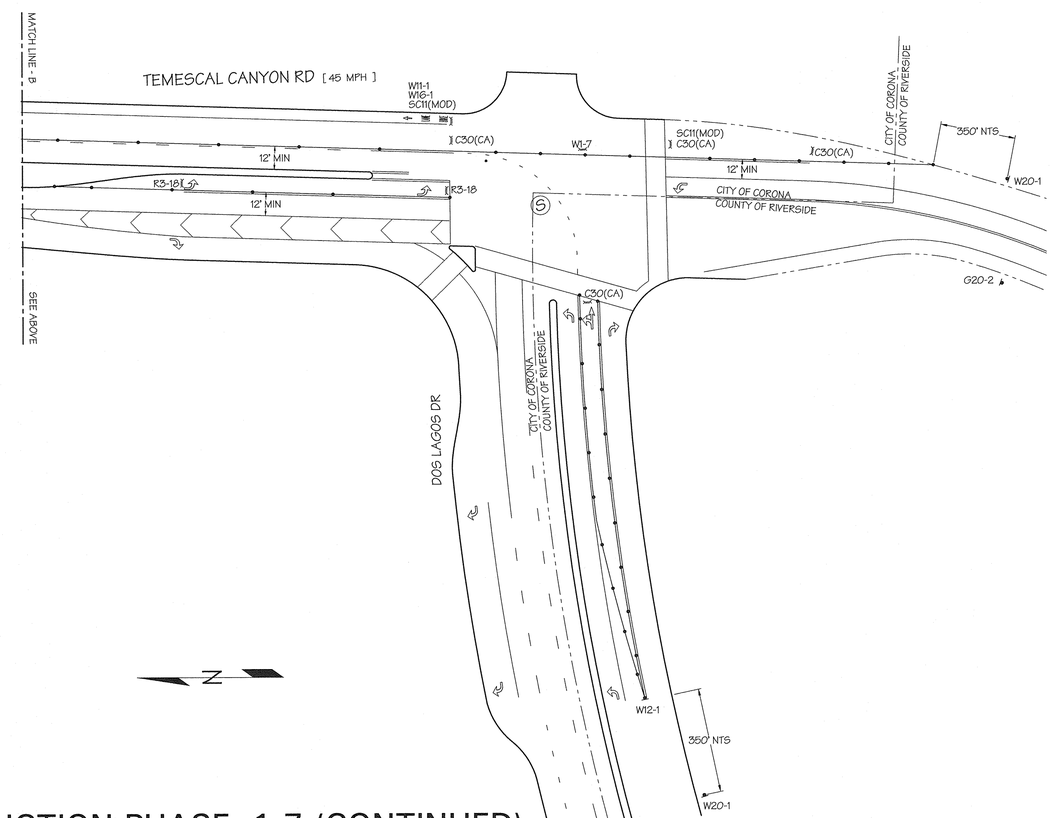

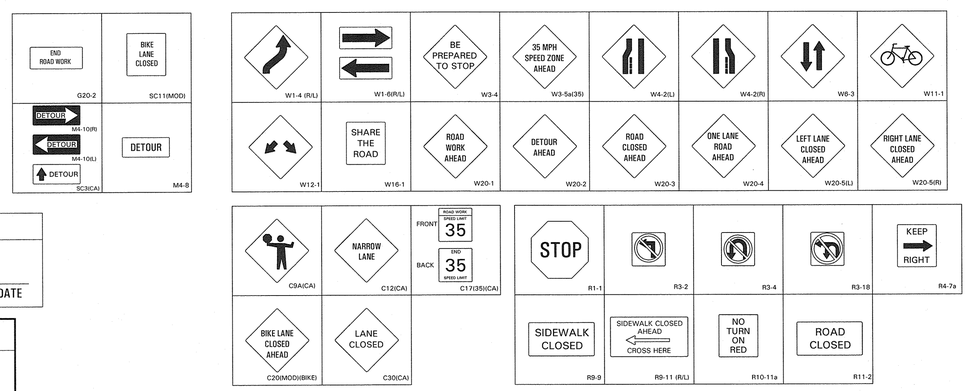

CITY OF CORONA

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LEGEND:

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- HIGH LEVEL WARNING DEVICE
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PLAN ORDER: 11636

REGISTERED PROFESSIONAL ENGINEER MICAH S. HERSHBERG No. 64477 Exp. 6/30/15 CIVIL STATE OF CALIFORNIA 8-21-14

CONSTRUCTION PHASE: 1-7 (CONTINUED)

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PROJECT NO. FILE NAME: 7616.0004
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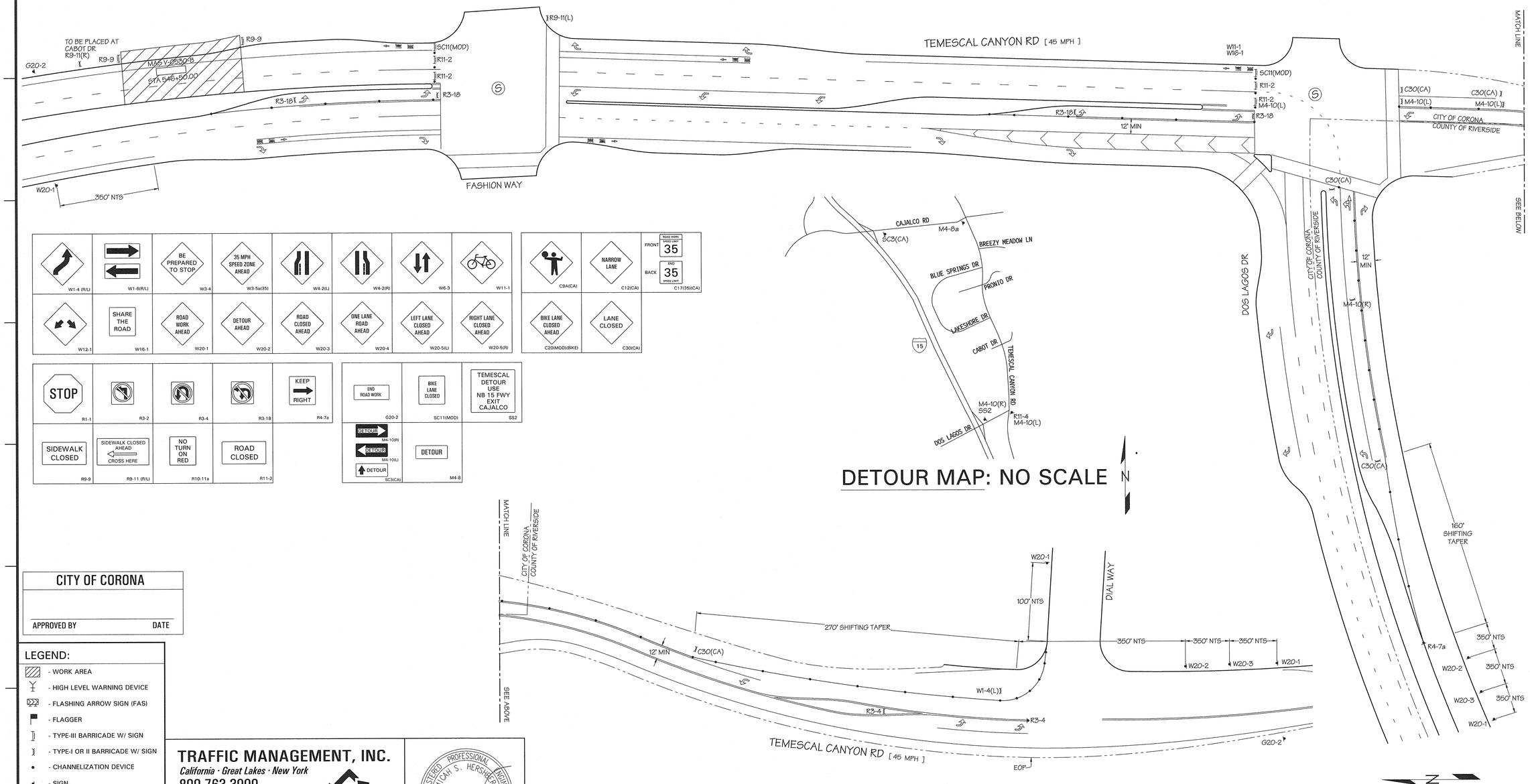

DETOUR MAP: NO SCALE

CONSTRUCTION PHASE: 1-8

CITY OF CORONA

APPROVED BY DATE

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
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PLAN ORDER: 11636

REGISTERED PROFESSIONAL ENGINEER · MICAH S. HERSHBERG · No. 64477 · Exp. 6/30/15 · CIVIL · STATE OF CALIFORNIA · 8-27-14

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INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
RIVERSIDE COUNTY

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 76 OF 98

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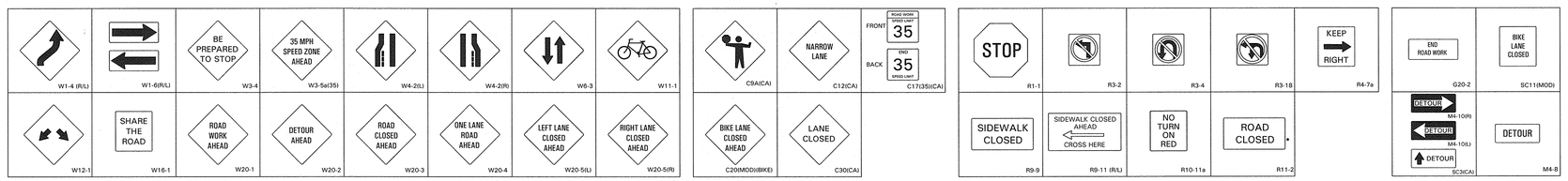

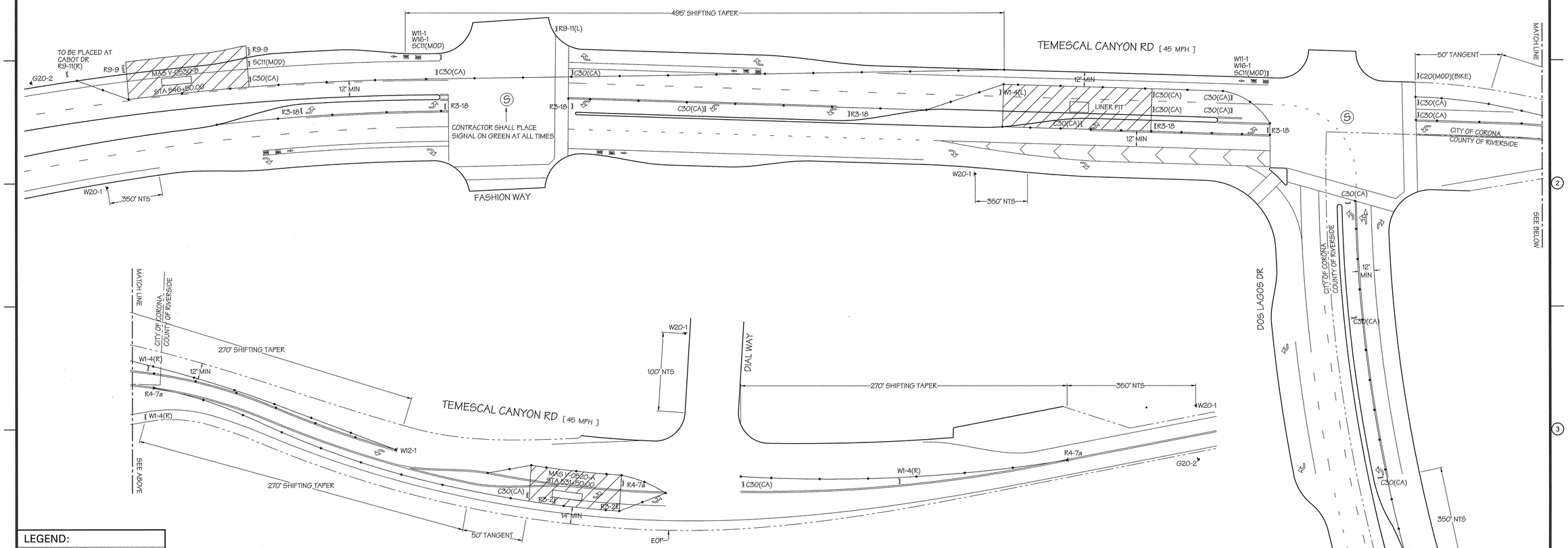

LEGEND:

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REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-27-14

CONSTRUCTION PHASE: 1-9

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INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
RIVERSIDE COUNTY

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 77 OF 98

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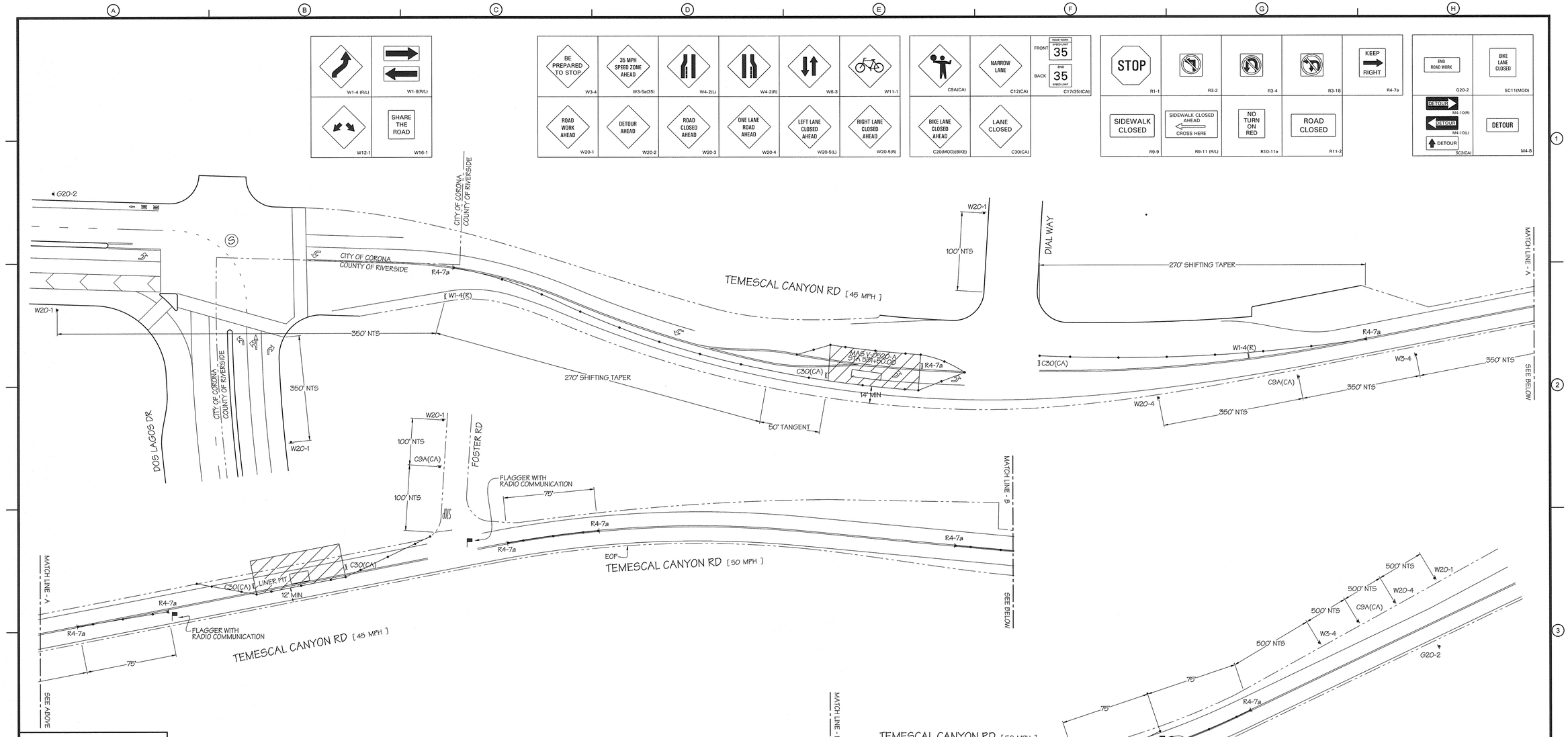

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY

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PLAN ORDER: 11636

REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8.22.14

CONSTRUCTION PHASE: 1-10

REV. NO.	DATE	DRWN	CHKD	REMARKS
-				

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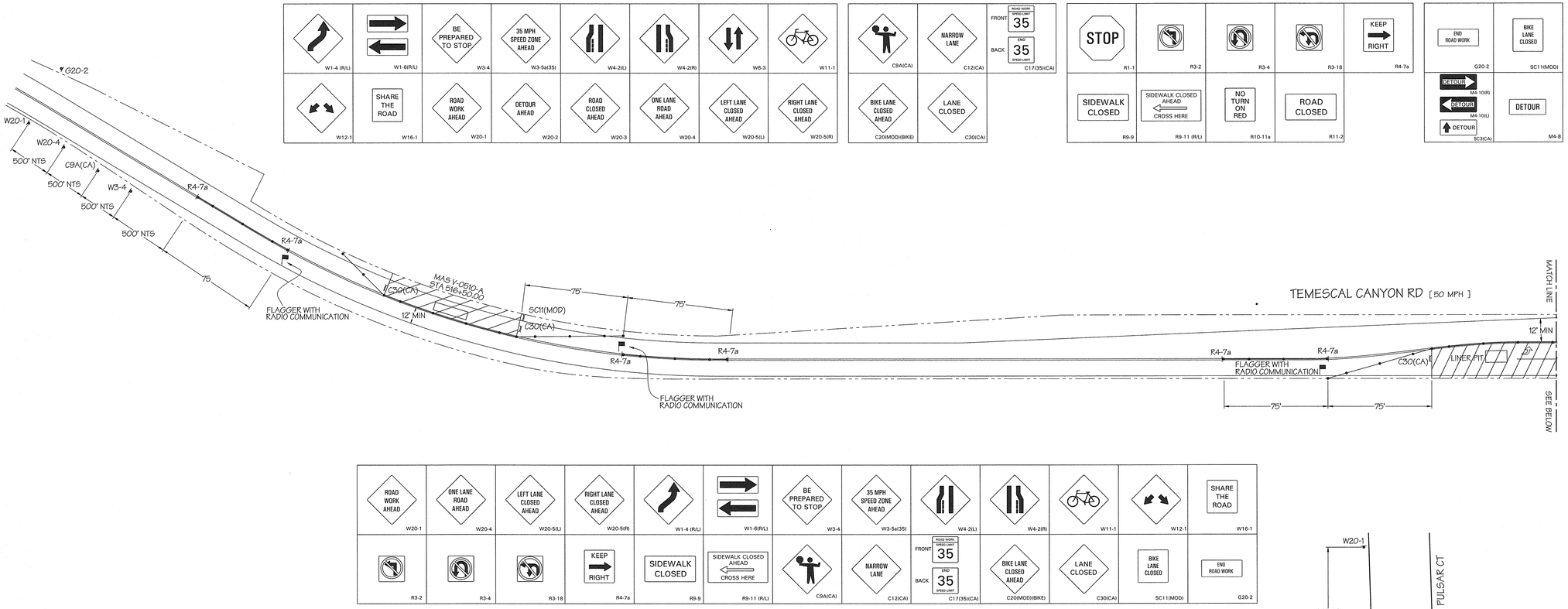

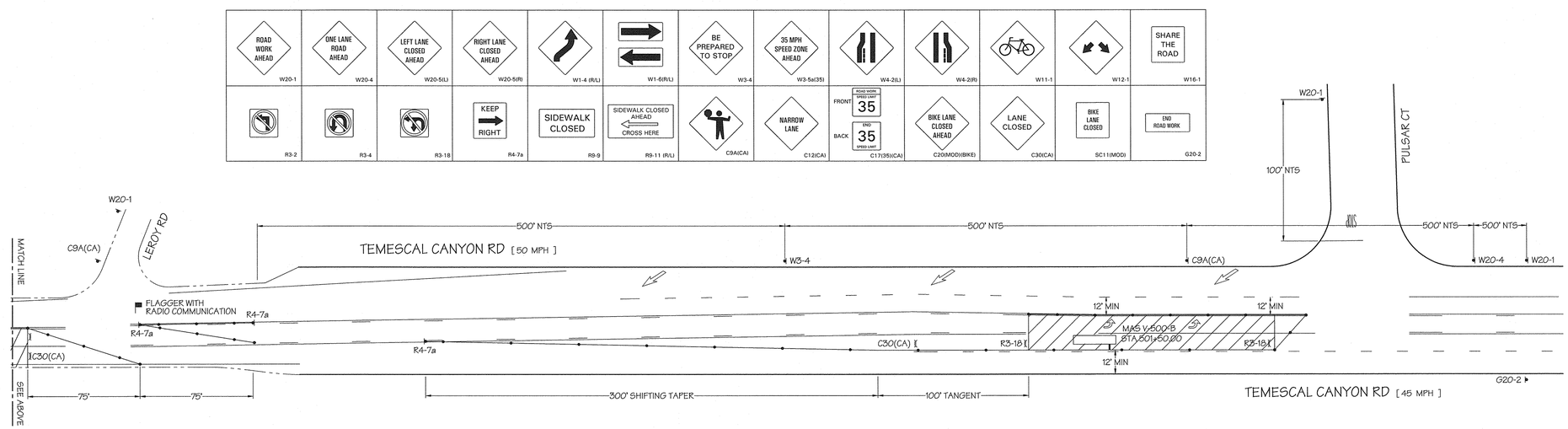

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CONSTRUCTION PHASE: 1-11

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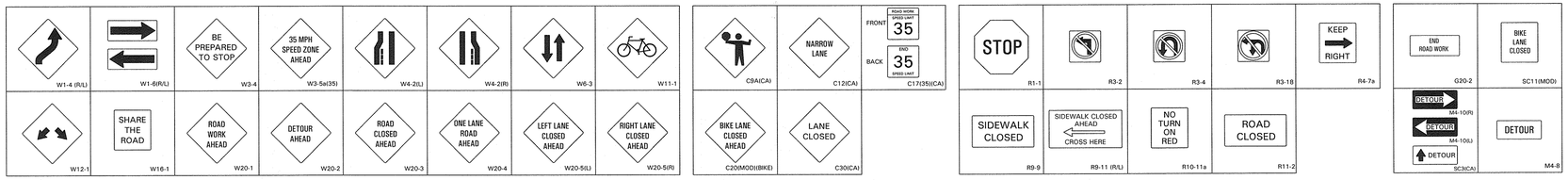

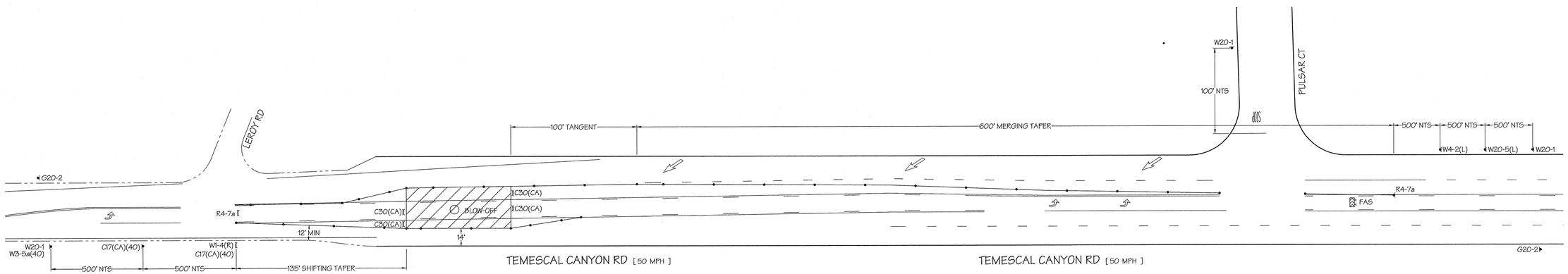

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CONSTRUCTION PHASE: 1-12

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PROJECT NO. / FILE NAME: 7616.0004
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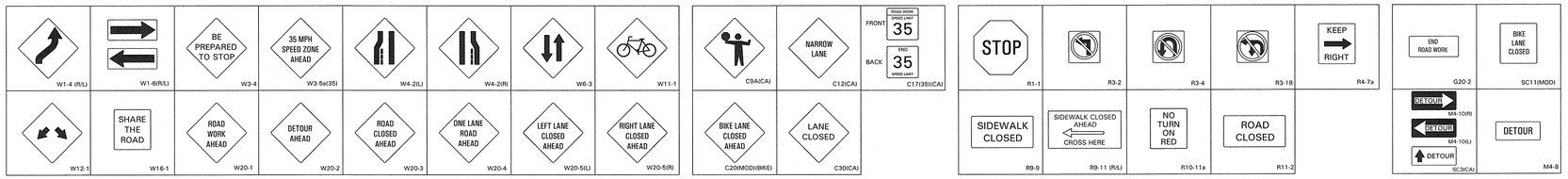

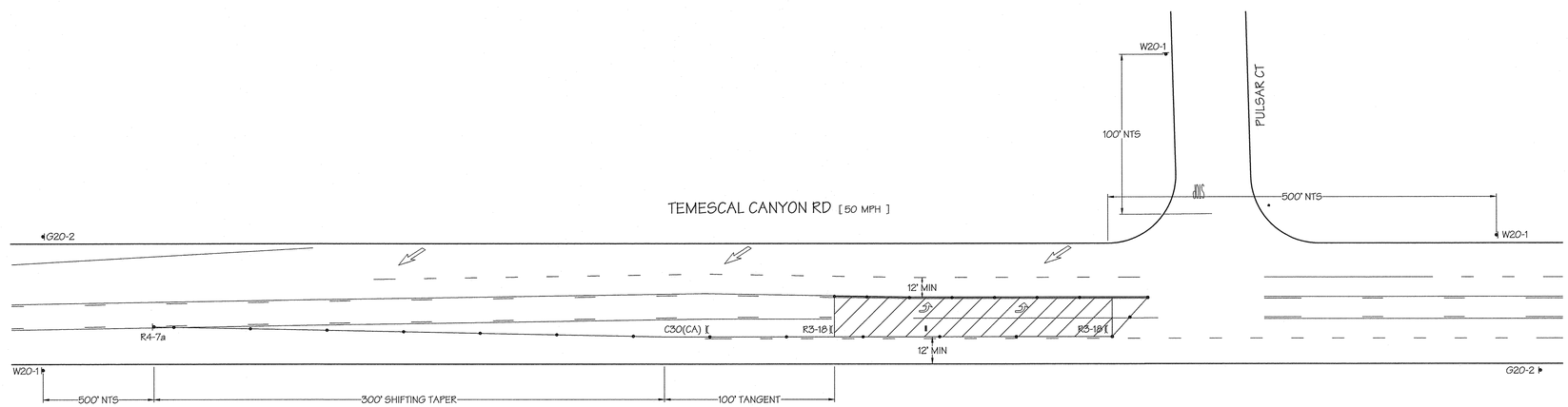

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CONSTRUCTION PHASE: 1-13

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GENERAL NOTES-TRAFFIC CONTROL

It is the responsibility of the contractor performing work to install and maintain the traffic control devices as shown herein, as well as any such additional traffic control devices as may be required to ensure the safe movement of vehicular and pedestrian traffic through or around the closure area and provide maximum protection and safety to workers.

All traffic control devices 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 traffic control devices shall conform to the latest accepted edition of the California Manual on Uniform Traffic Control Devices (M.U.T.C.D.).

Any revisions to these drawings shall be approved in writing by the Engineer of Record and the Agency having jurisdiction.

The City Traffic Engineering Division reserves the right to observe the traffic control operations and to make any necessary changes. Any directed changes shall supersede these plans and shall be implemented at the sole expense of the contractor.

All flashing arrow signs shall be solar powered.

Contractor shall provide flagmen as necessary to give adequate warning to traffic or to the public of any dangerous conditions to be encountered.

Contractor shall remove temporary traffic delineation, signage, and other devices when no longer required, and shall restore areas to original conditions.

Contractor shall cover existing signs where they conflict with construction detours and signing.

All open excavation or construction work shall be a minimum of 5' from any operating traffic lanes.

Contractor shall post uneven pavement signs, and ramp vertical pavement offset of 1 inch or more with asphalt for smooth transition.

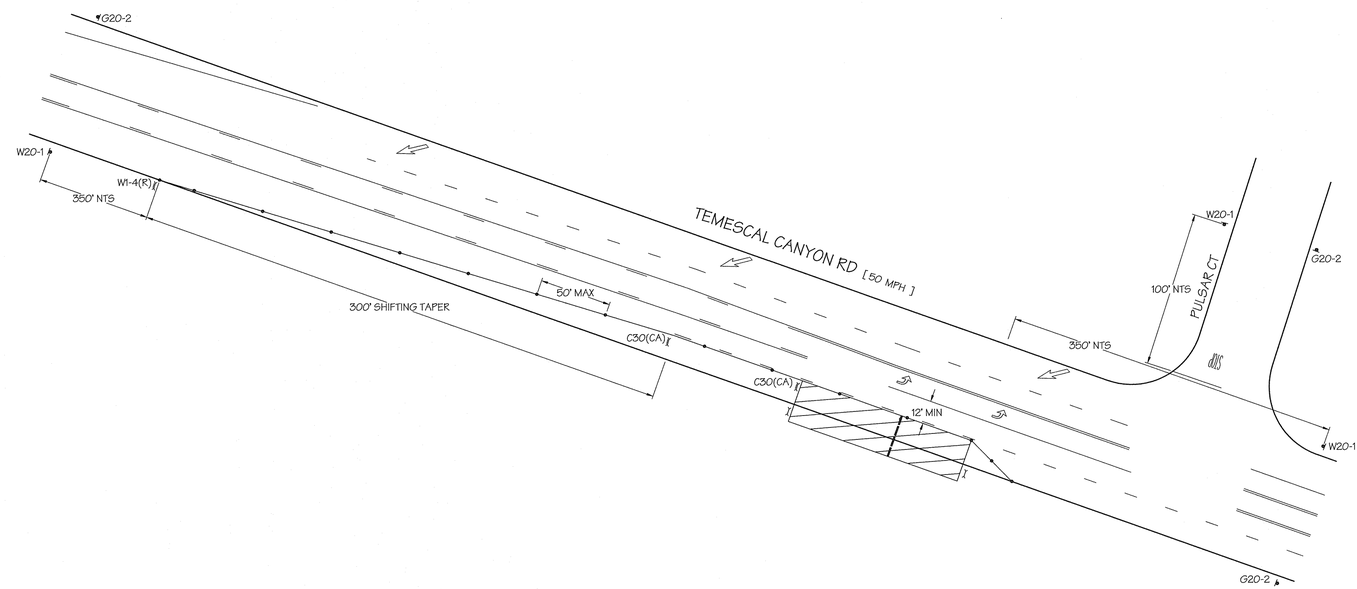
Contractor shall coordinate with the city for any temporary traffic signal timing modifications.

All striping and marking shall conform to SECTION 214 of the Standard Specifications for Public Works Construction. Temporary removable striping tape (detour grade) may be used in lieu of painted striping.

The contractor shall provide for access to all adjacent properties during work hours. Construction operations shall be conducted in such a manner as to cause as little inconvenience as possible to abutting property owners/operators.

All signs shall be reflectorized and standard size.

The contractor shall provide for safe pedestrian access at all times.



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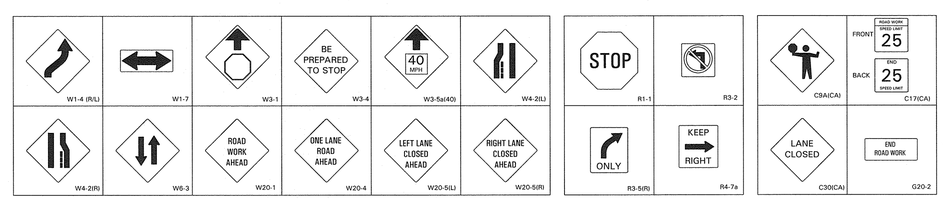

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PROJECT NO. / FILE NAME: 7616.0004
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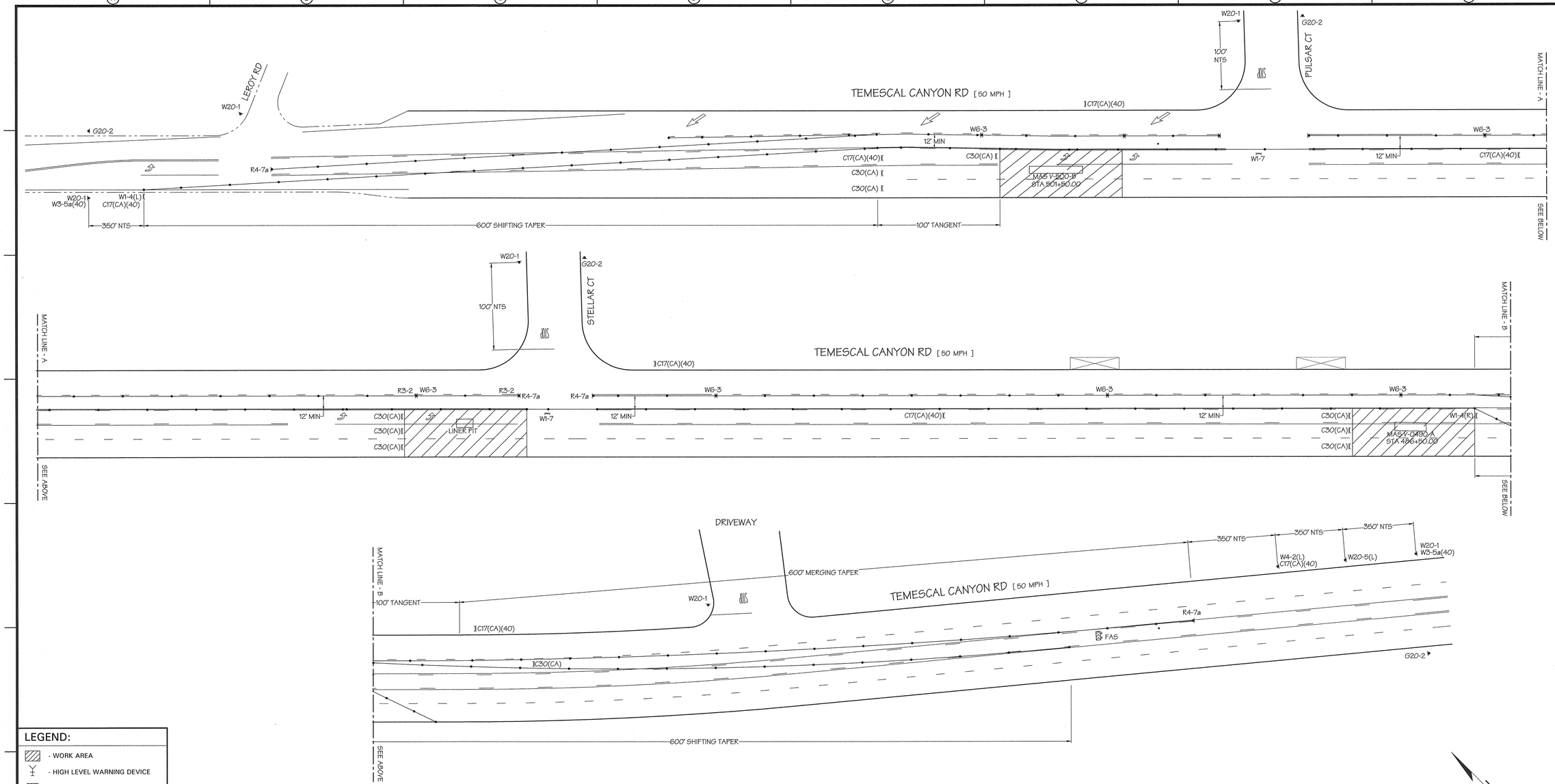

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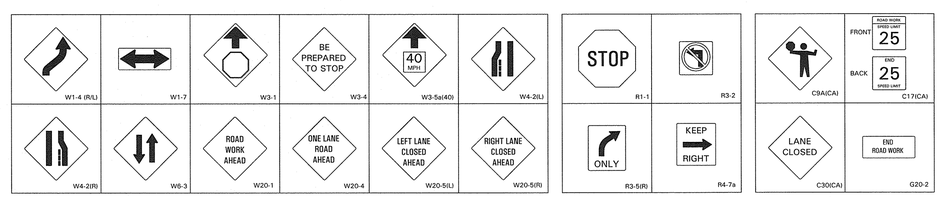

CONSTRUCTION PHASE: 2-2

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PLAN ORDER: 11636

REGISTERED PROFESSIONAL ENGINEER — MICAH S. HERSHBERG — No. 64477 — Exp. 6/30/15 — CIVIL — STATE OF CALIFORNIA — 8-27-14

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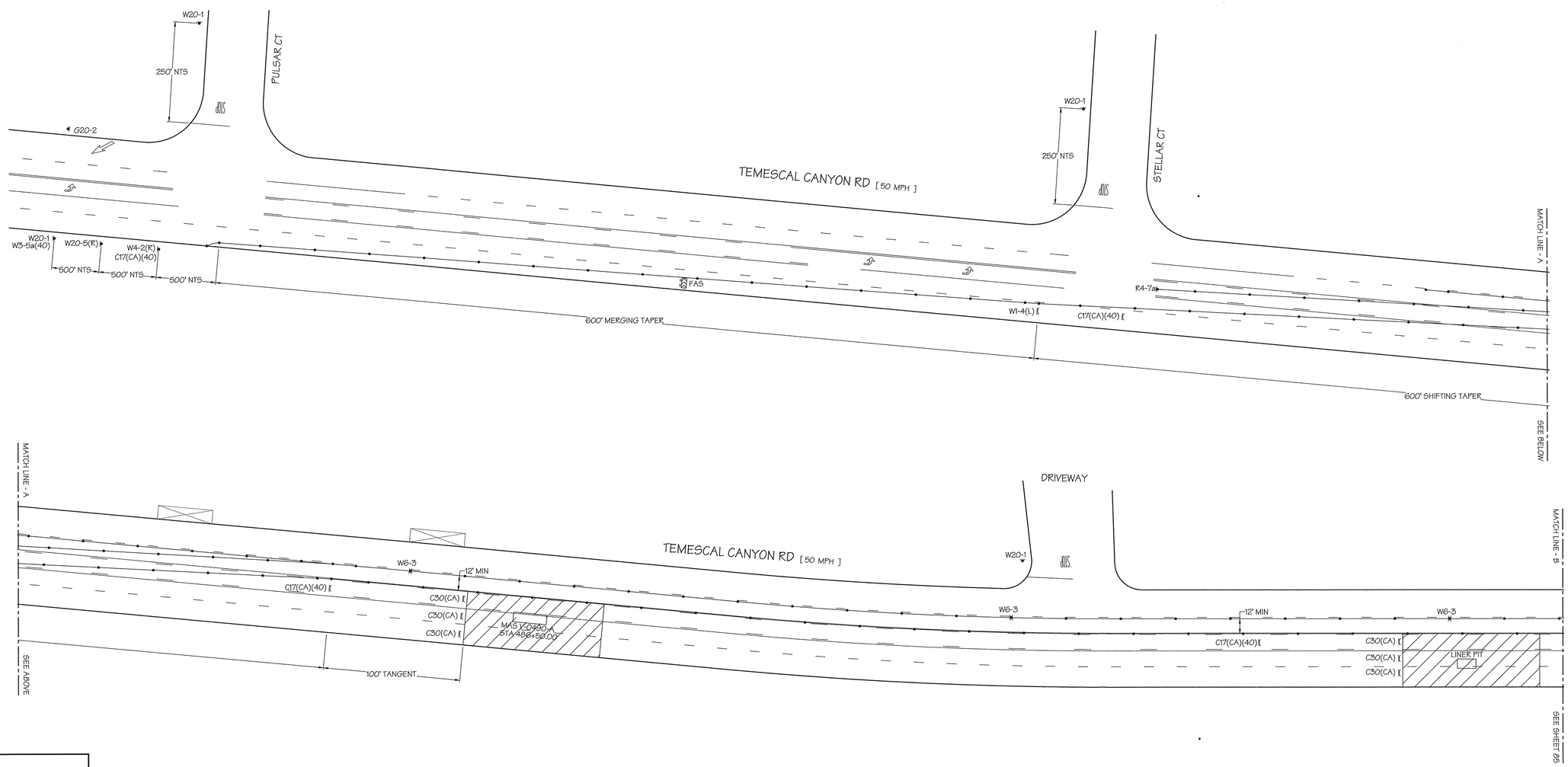

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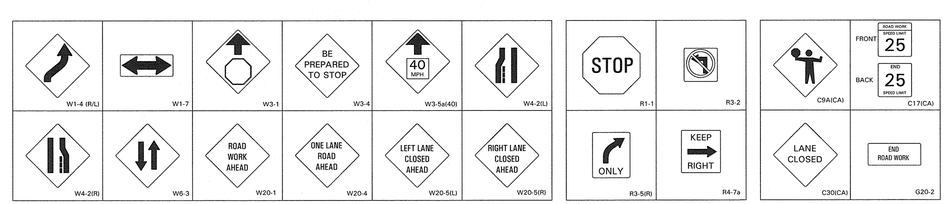

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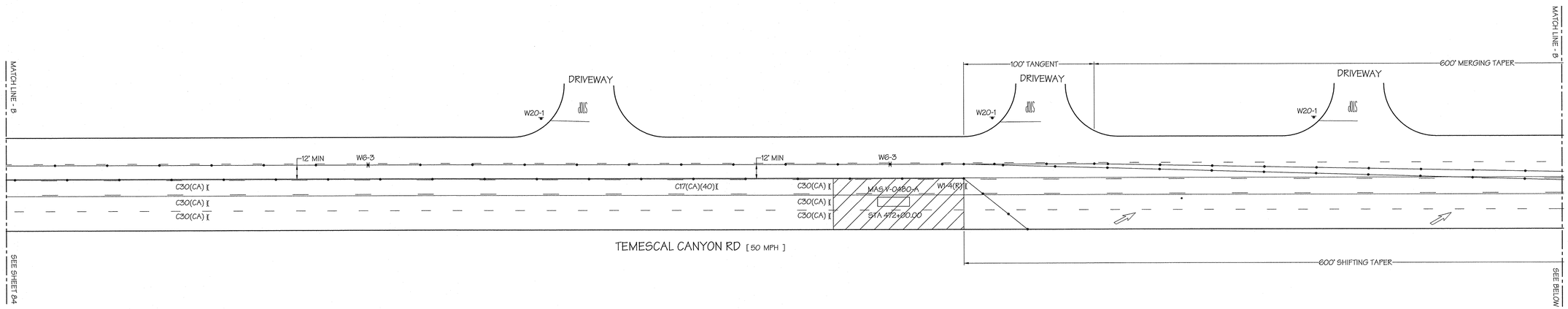

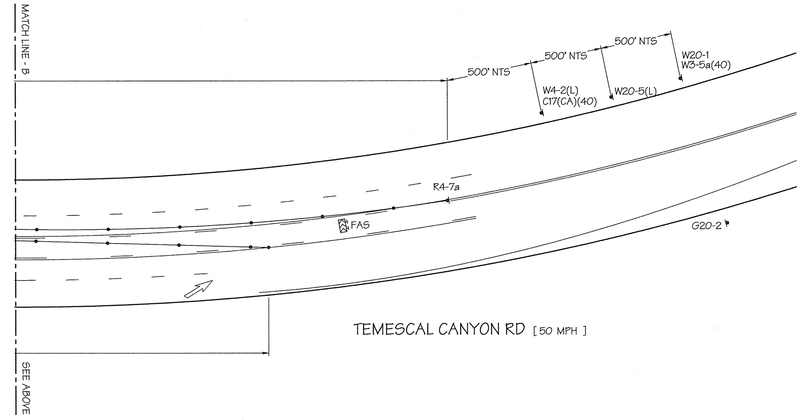

CONSTRUCTION PHASE: 2-3 (CONTINUED)

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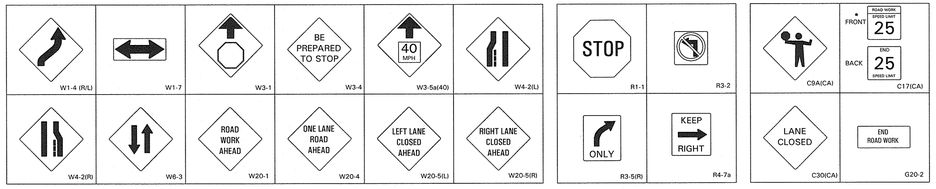

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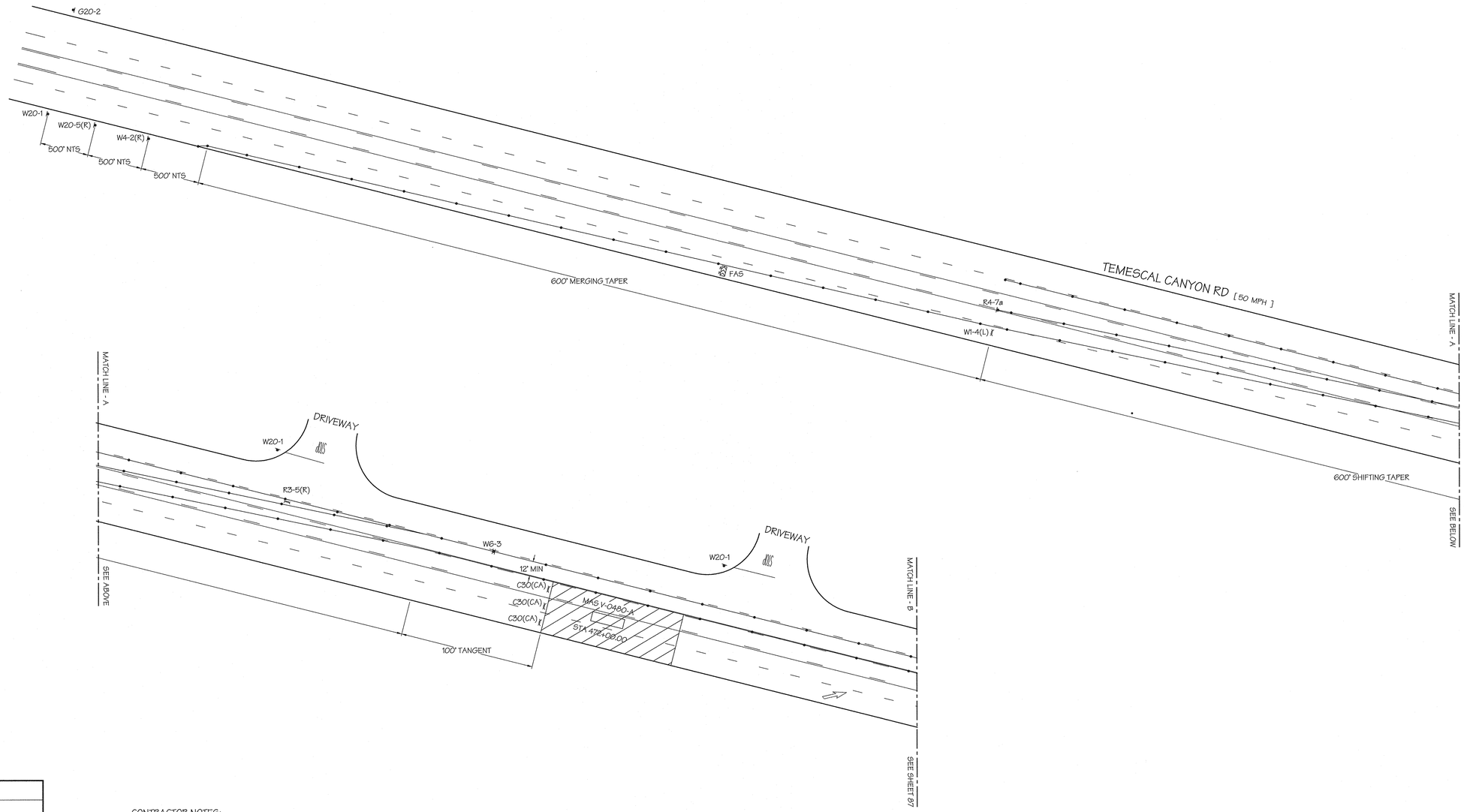

CONTRACTOR NOTES:

1. FLAGGER TO ASSIST WITH DRIVEWAY INGRESS/EGRESS.

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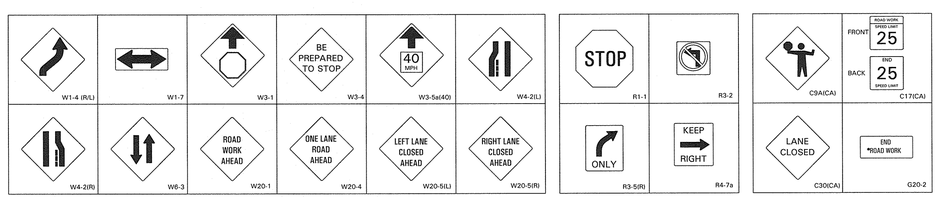

CONSTRUCTION PHASE: 2-4

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INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
RIVERSIDE COUNTY

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 86 OF 98

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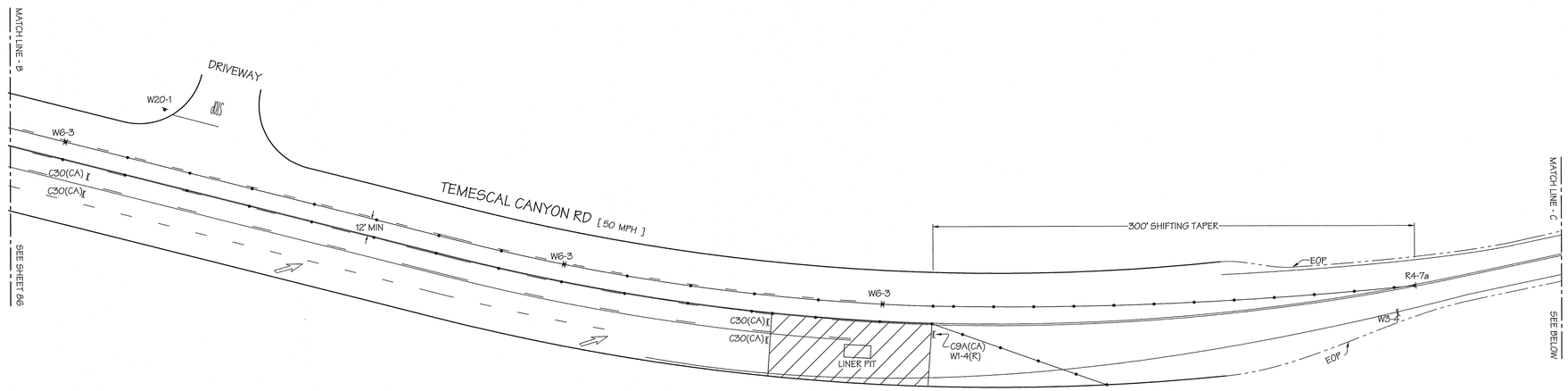
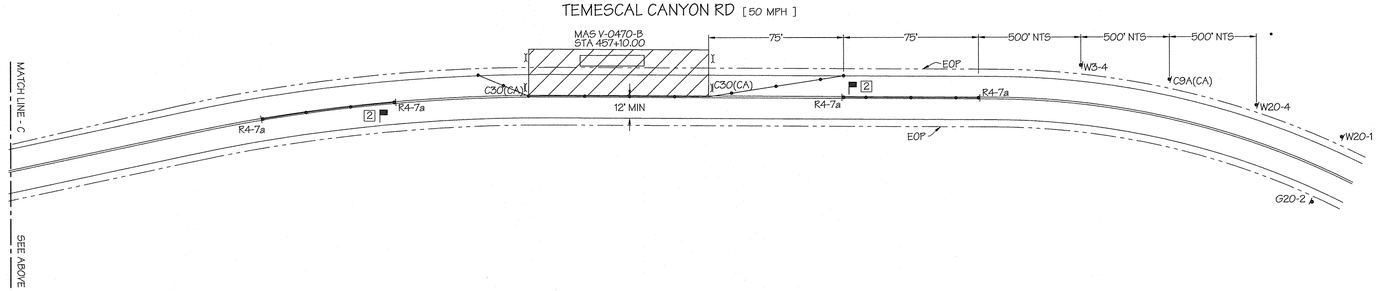




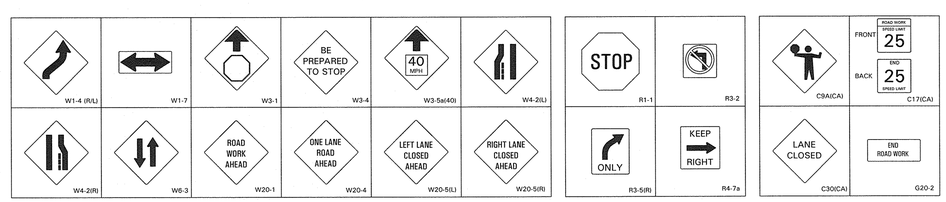
CONSTRUCTION PHASE: 2-4 (CONTINUED)

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY

CONTRACTOR NOTES:

2 FLAGGER WITH RADIO COMMUNICATION



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REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-27-14

REV. NO.	DATE	DRWN	CHKD	REMARKS

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DATE: AUGUST 2014

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INLAND EMPIRE BRINE LINE
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PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 87 OF 98

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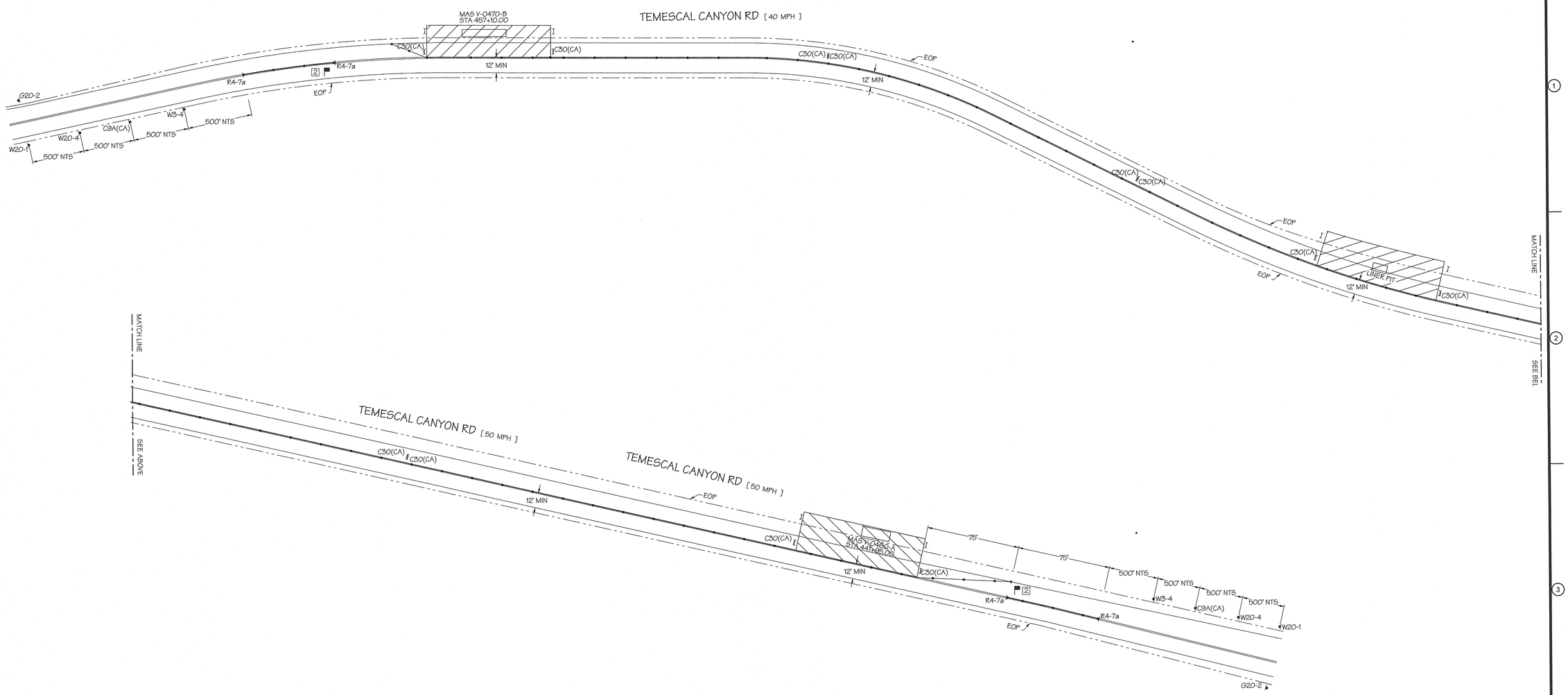

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
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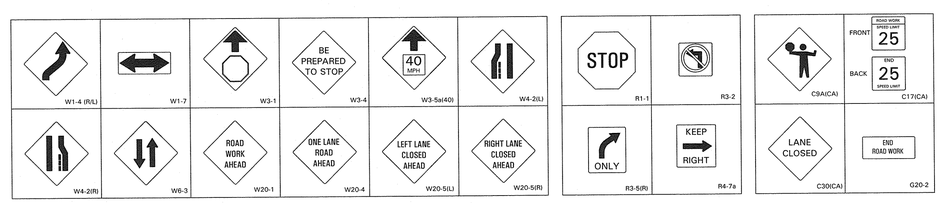
- TU-14 CRASH ARRAY

CONTRACTOR NOTES:

2 FLAGGER WITH RADIO COMMUNICATION



CONSTRUCTION PHASE: 2-5

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REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERGER
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-27-14

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PROJECT NO. FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 88 OF 98

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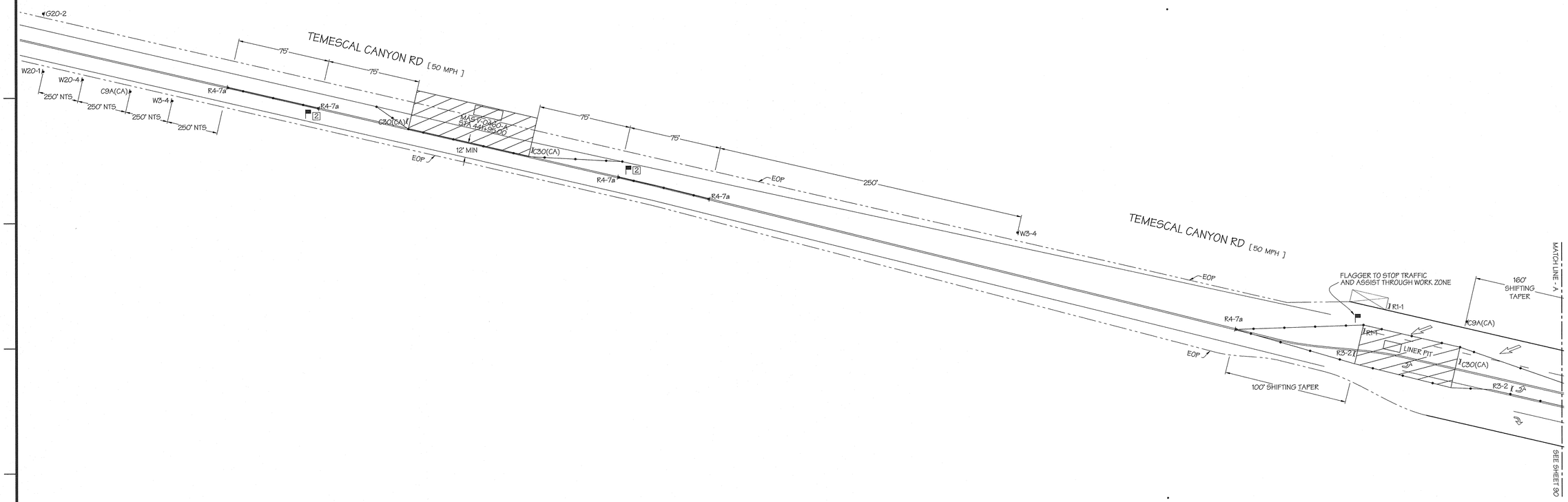
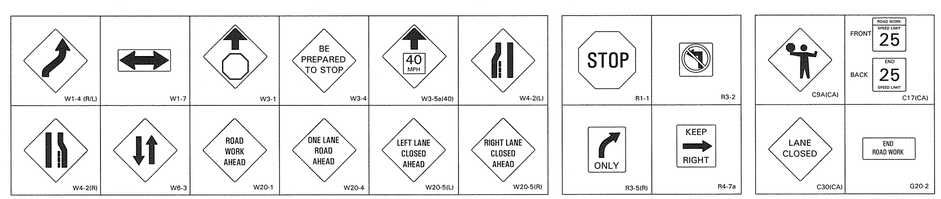


LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY

CONTRACTOR NOTES:

2 FLAGGER WITH RADIO COMMUNICATION



CONSTRUCTION PHASE: 2-6

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REGISTERED PROFESSIONAL ENGINEER
MIGAH S. HERSHBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-27-14

REV. NO.	DATE	DRWN	CHKD	REMARKS
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PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 89 OF 96

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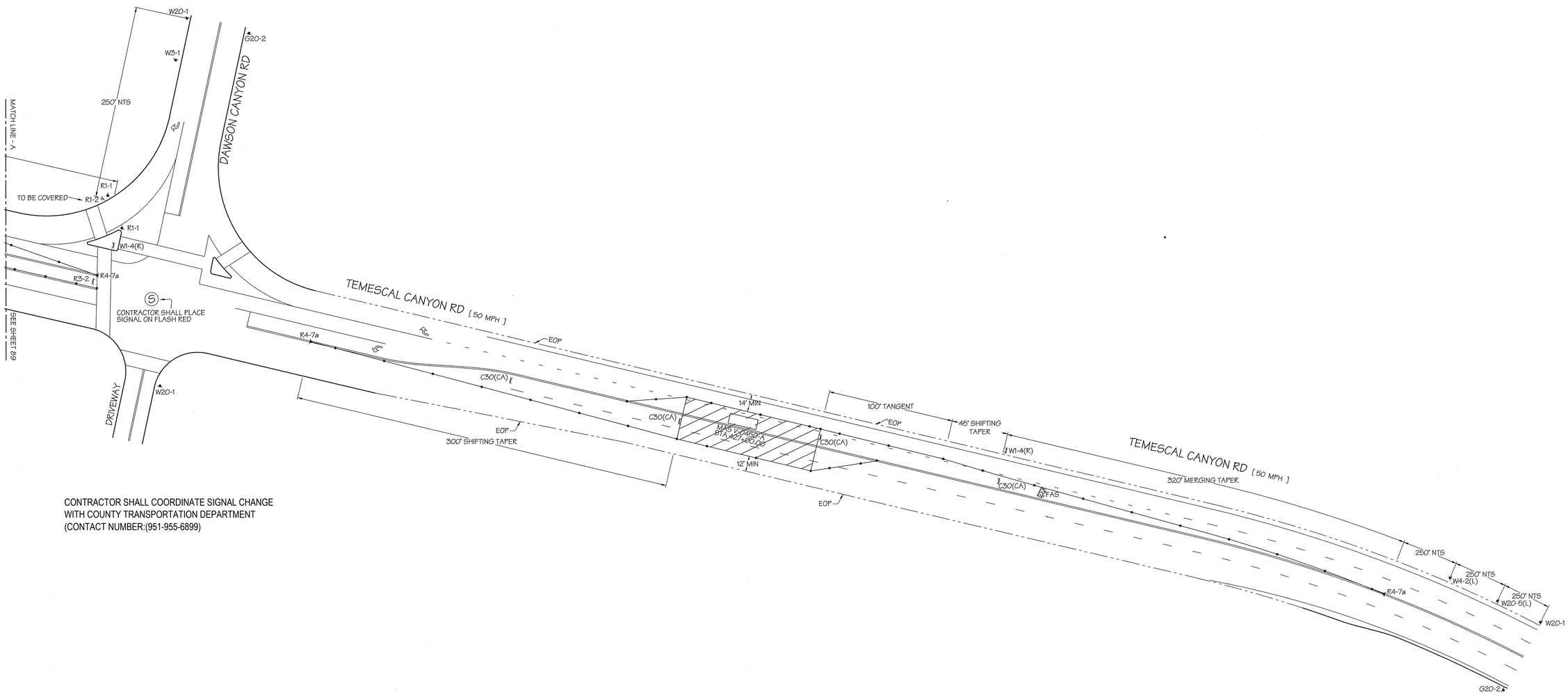


CONTRACTOR SHALL COORDINATE SIGNAL CHANGE
WITH COUNTY TRANSPORTATION DEPARTMENT
(CONTACT NUMBER:(951-955-6899)

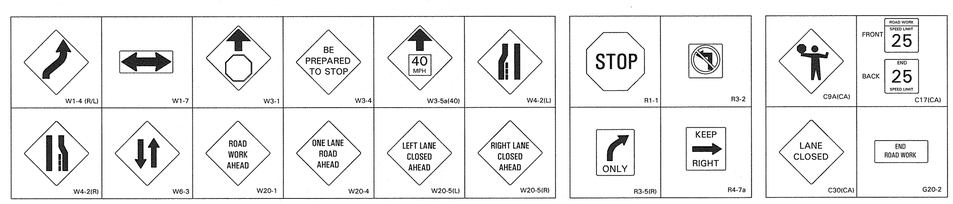
CONSTRUCTION PHASE: 2-6 (CONTINUED)

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY

CONTRACTOR NOTES:

2 FLAGGER WITH RADIO COMMUNICATION



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Exp. 6/30/15
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STATE OF CALIFORNIA
8-27-14

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PROJECT NO. FILE NAME: 7616.0004
DRAWING NO.
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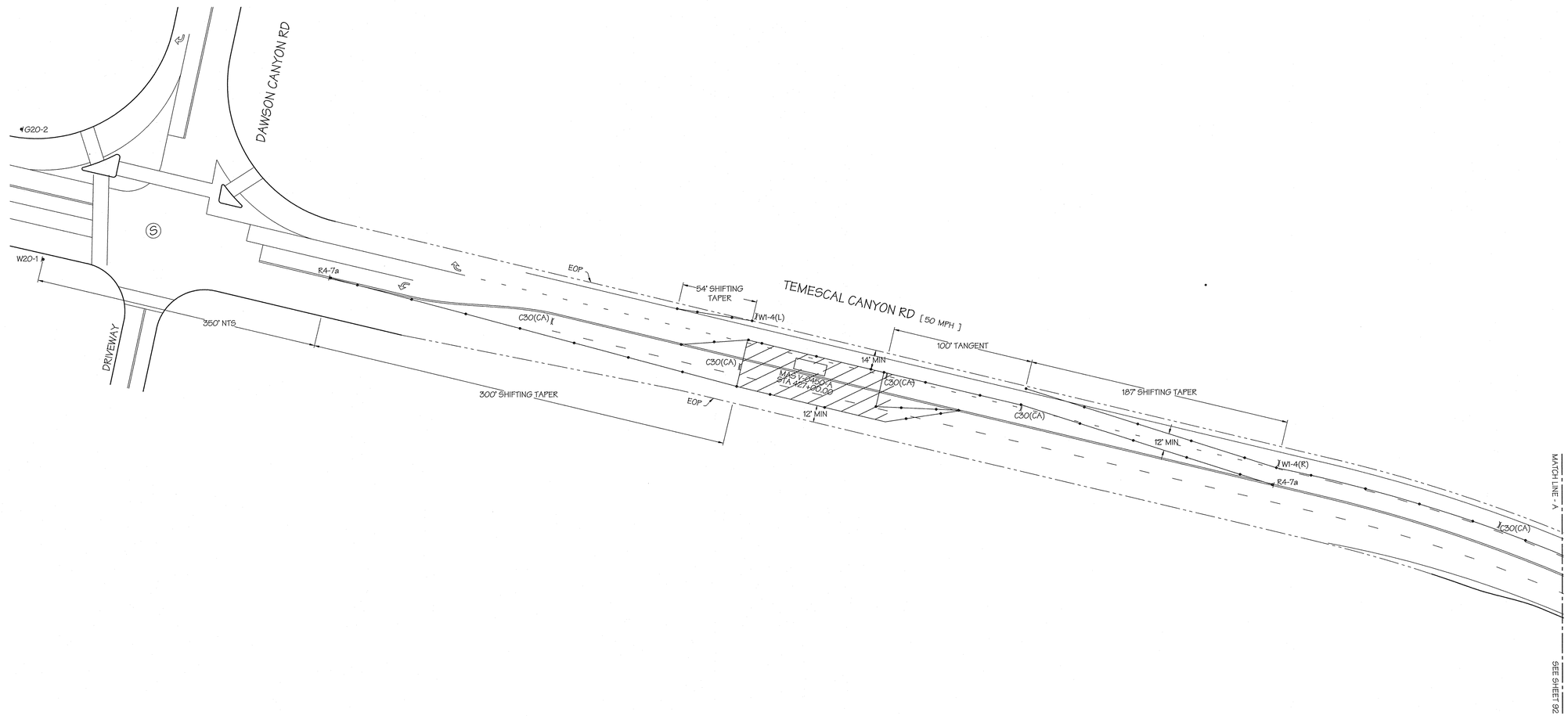

LEGEND:

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No. 64477
Exp. 6/30/15
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STATE OF CALIFORNIA
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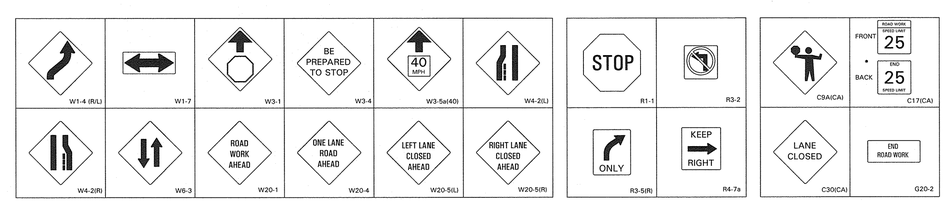

CONSTRUCTION PHASE: 2-7

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 91 OF 98

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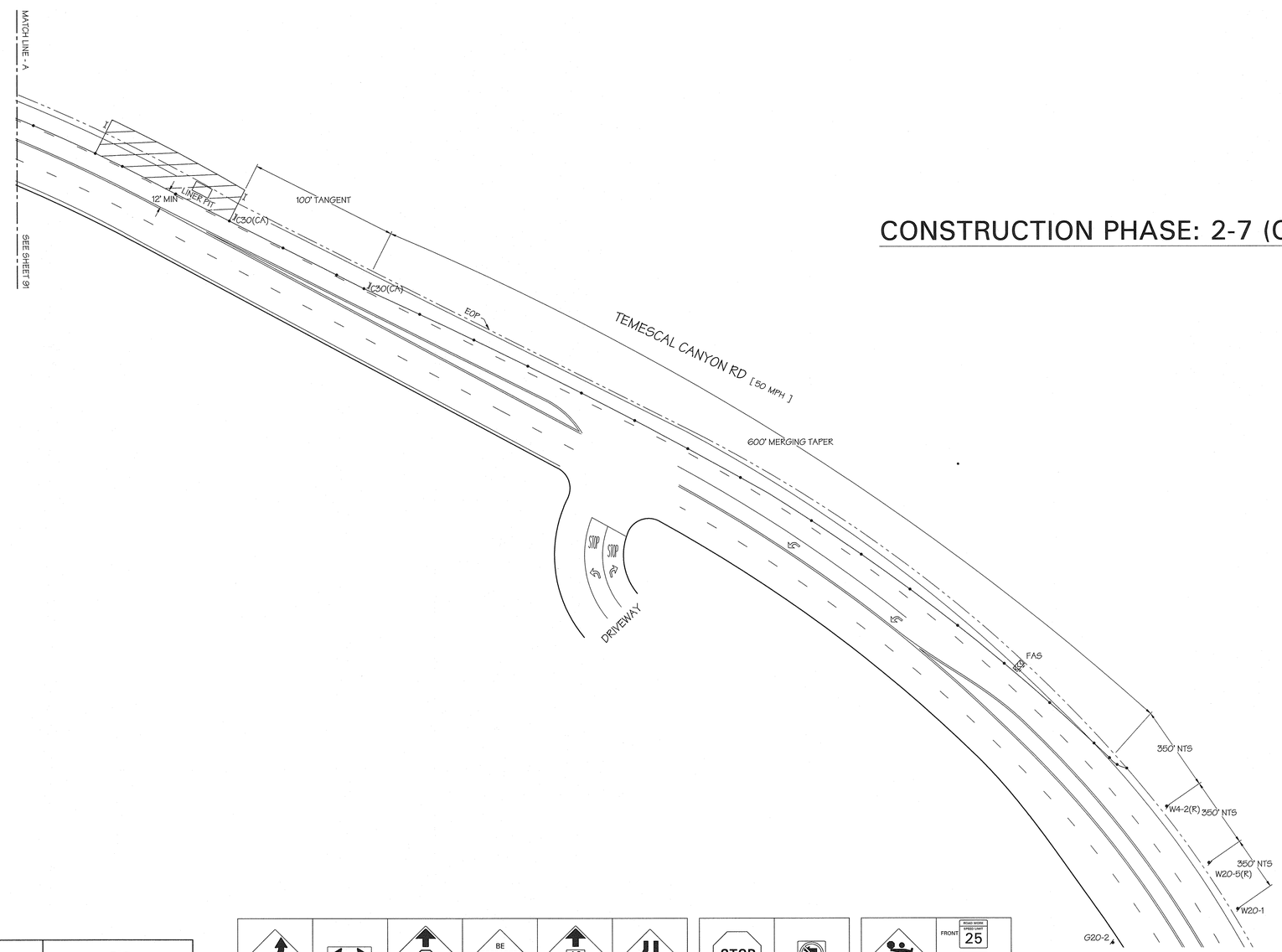
CONSTRUCTION PHASE: 2-7 (CONTINUED)



LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
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- EXISTING SIGN
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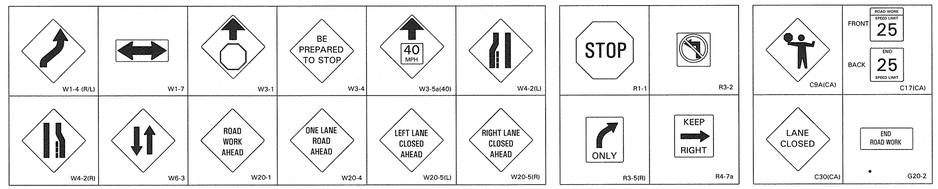
- TU-14 CRASH ARRAY



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PLAN ORDER: 11636

REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-27-14

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PROJECT NO. / FILE NAME: 7616.0004
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SHEET NO. 92 OF 98

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GENERAL NOTES-TRAFFIC CONTROL

It is the responsibility of the contractor performing work to install and maintain the traffic control devices as shown herein, as well as any such additional traffic control devices as may be required to ensure the safe movement of vehicular and pedestrian traffic through or around the closure area and provide maximum protection and safety to workers.

All traffic control devices 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 traffic control devices shall conform to the latest accepted edition of the California Manual on Uniform Traffic Control Devices (M.U.T.C.D.).

Any revisions to these drawings shall be approved in writing by the Engineer of Record and the Agency having jurisdiction.

The City Traffic Engineering Division reserves the right to observe the traffic control operations and to make any necessary changes. Any directed changes shall supersede these plans and shall be implemented at the sole expense of the contractor.

All flashing arrow signs shall be solar powered.

Contractor shall provide flagmen as necessary to give adequate warning to traffic or to the public of any dangerous conditions to be encountered.

Contractor shall remove temporary traffic delineation, signage, and other devices when no longer required, and shall restore areas to original conditions.

Contractor shall cover existing signs where they conflict with construction detours and signing.

All open excavation or construction work shall be a minimum of 5' from any operating traffic lanes.

Contractor shall post uneven pavement signs, and ramp vertical pavement offset of 1 inch or more with asphalt for smooth transition.

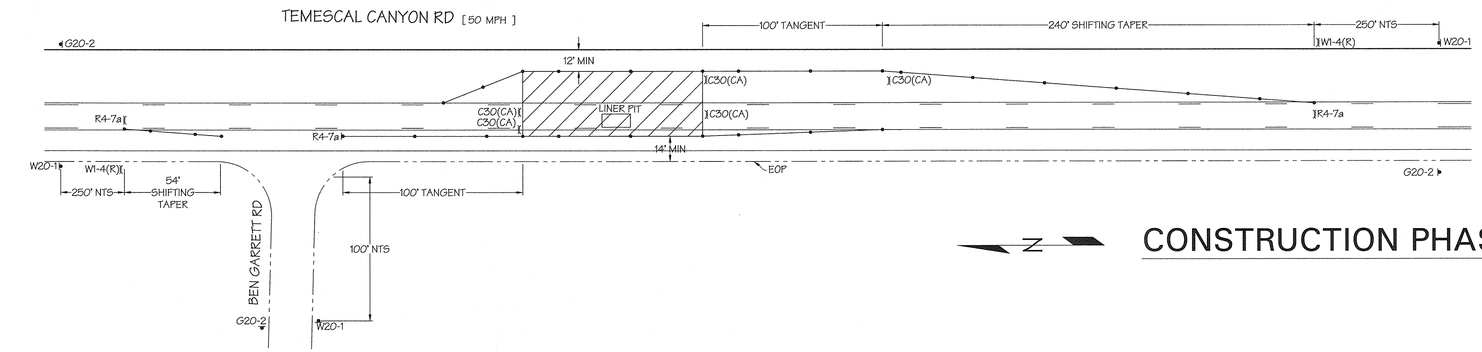
Contractor shall coordinate with the city for any temporary traffic signal timing modifications.

All striping and marking shall conform to SECTION 214 of the Standard Specifications for Public Works Construction. Temporary removable striping tape (detour grade) may be used in lieu of painted striping.

The contractor shall provide for access to all adjacent properties during work hours. Construction operations shall be conducted in such a manner as to cause as little inconvenience as possible to abutting property owners/operators.

All signs shall be reflectorized and standard size.

The contractor shall provide for safe pedestrian access at all times.



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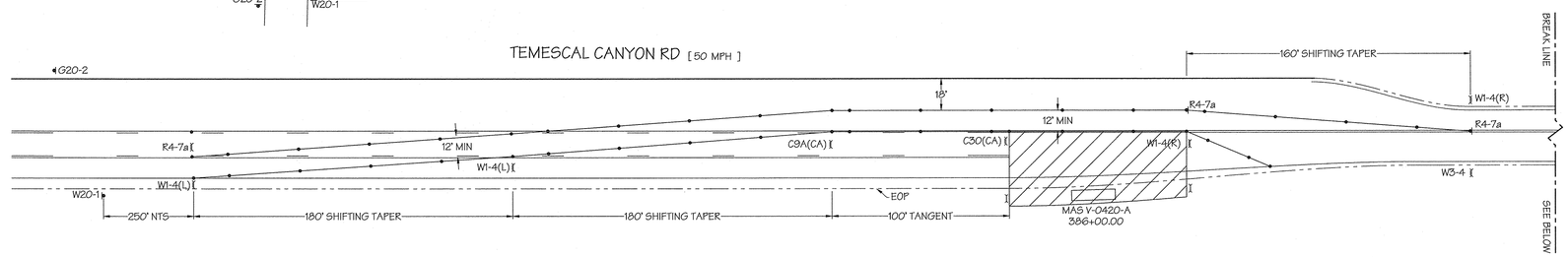
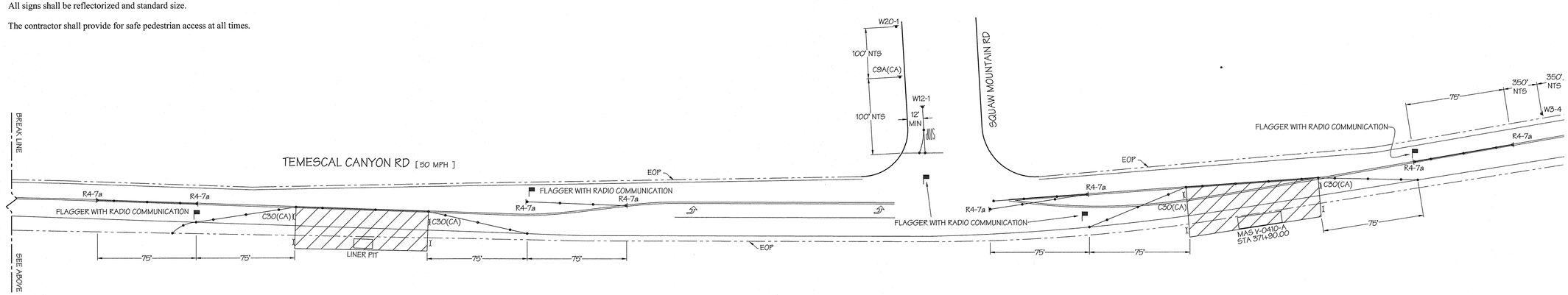
CONSTRUCTION PHASE: 3-1





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CONSTRUCTION PHASE: 3-2

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
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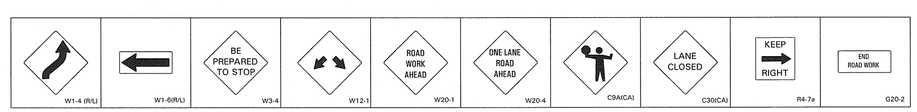
- 20' K-RAIL
- TU-14 CRASH ARRAY



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PLAN ORDER: 11636

REGISTERED PROFESSIONAL ENGINEER MICAH S. HERSHBERG No. 64477 Exp. 6/30/15 CIVIL STATE OF CALIFORNIA 8-27-14

REV. NO.	DATE	DRWN	CHKD	REMARKS

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DATE: AUGUST 2014

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PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
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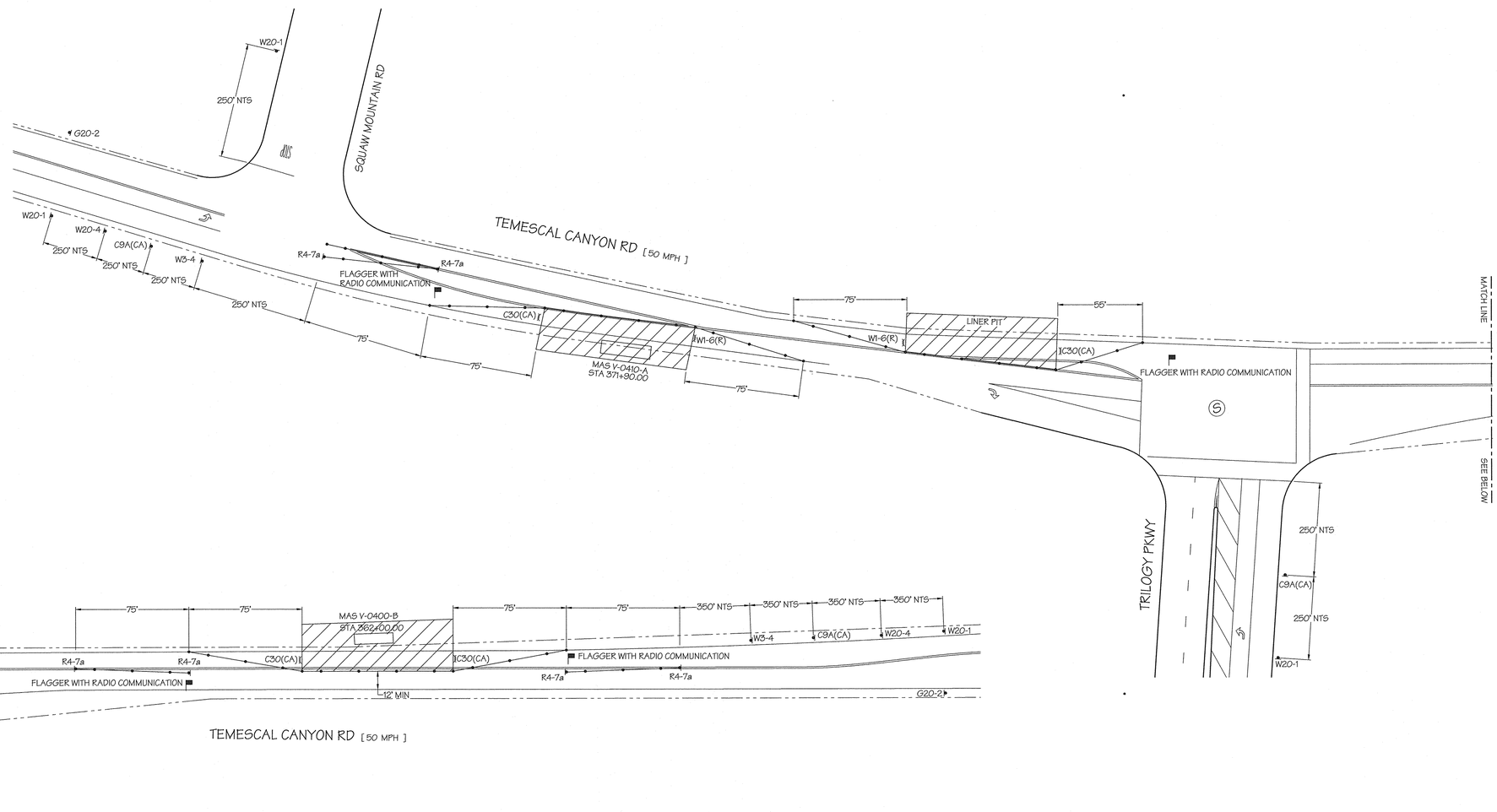

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
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- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
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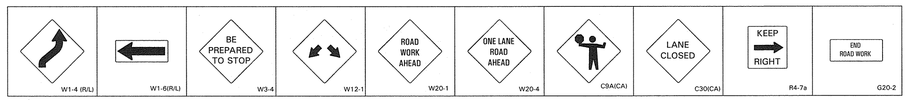
PLAN ORDER: 11636

REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-27-14



CONSTRUCTION PHASE: 3-3

REV. NO.	DATE	DRWN	CHKD	REMARKS

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SHEET CHK'D BY: -
CROSS CHK'D BY: -
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INLAND EMPIRE BRINE LINE
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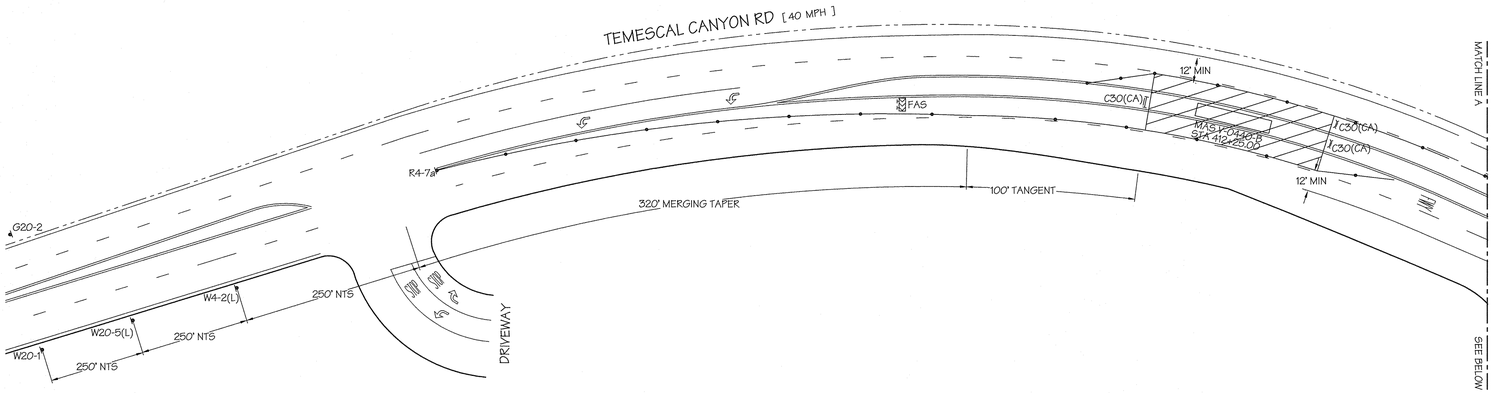


GENERAL NOTES-TRAFFIC CONTROL

All work within the State's right-of-way shall conform to Caltrans' Standard Specification and Standard Plans dated May 2010.

It is the responsibility of the contractor performing work to install and maintain the traffic control devices as shown herein, as well as any such additional traffic control devices as may be required to ensure the safe movement of vehicular and pedestrian traffic through or around the closure area and provide maximum protection and safety to workers.

All traffic control devices 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 traffic control devices shall conform to the latest accepted edition of the California Manual on Uniform Traffic Control Devices (M.U.T.C.D.)

Any revisions to these drawings shall be approved in writing by Caltrans.

Caltrans reserves the right to observe the traffic control operations and to make any necessary changes. Any directed changes shall supersede these plans and shall be implemented at the sole expense of the contractor.

All flashing arrow signs shall be solar powered.

Contractor shall provide flagmen as necessary to give adequate warning to traffic or to the public of any dangerous conditions to be encountered.

Contractor shall remove temporary traffic delineation, signage, and other devices when no longer required, and shall restore areas to original conditions.

Contractor shall cover existing signs where they conflict with construction detours and signing.

All open excavation or construction work shall be a minimum of 5' from any operating traffic lanes.

Contractor shall post uneven pavement signs, and ramp vertical pavement offset of 1 inch or more with asphalt for smooth transition.

Contractor shall coordinate with Caltrans for any temporary traffic signal timing modifications.

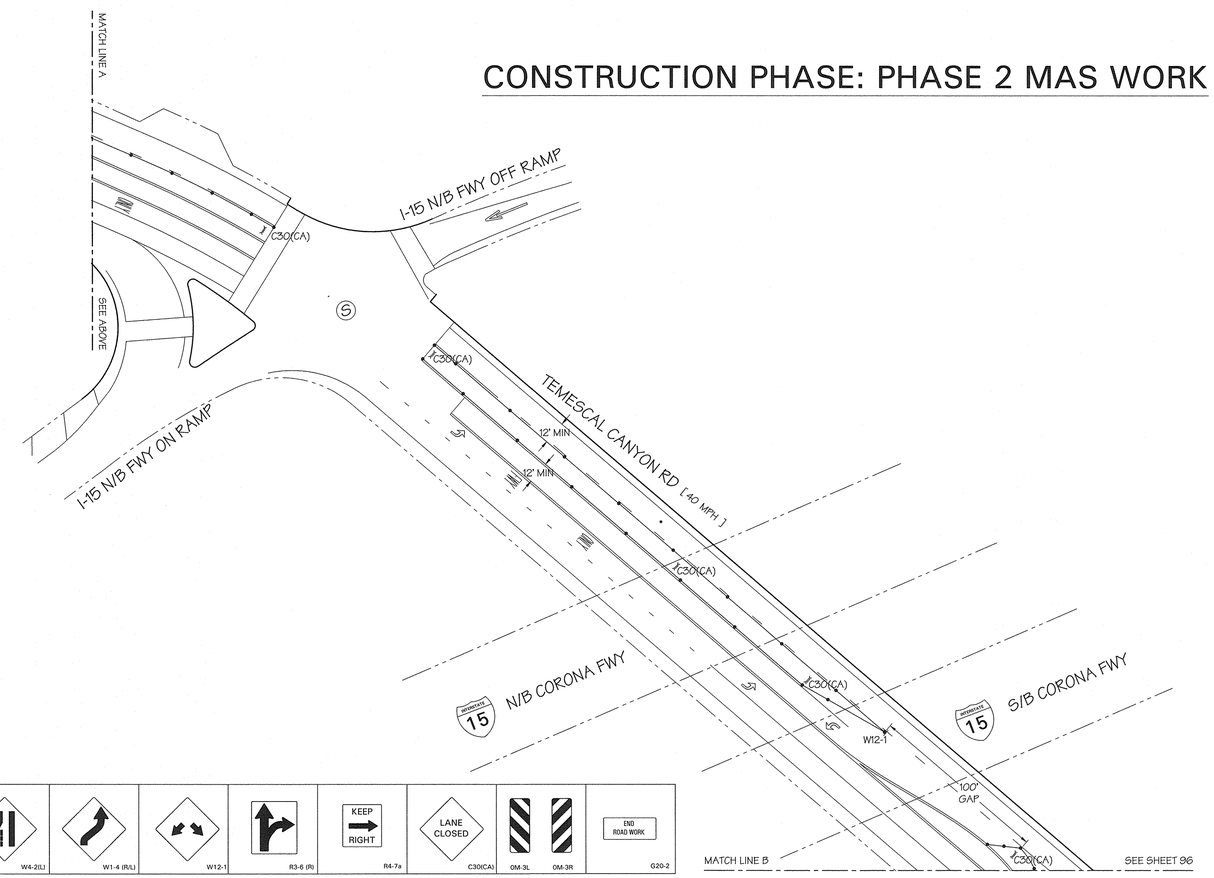
For signing, striping and pavement markings, the latest accepted edition of the California Manual on Uniform Traffic Control Devices (M.U.T.C.D.) shall be used and referenced.

The contractor shall provide for access to all adjacent properties during work hours. Construction operations shall be conducted in such a manner as to cause as little inconvenience as possible to abutting property owners/operators.

All signs shall be reflectorized and standard size.

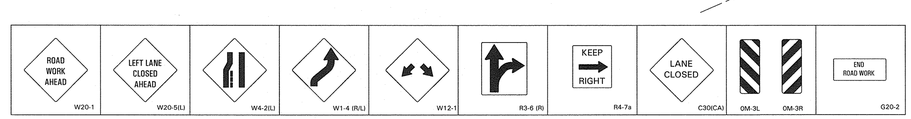
The contractor shall provide for safe pedestrian access at all times.

CONSTRUCTION PHASE: PHASE 2 MAS WORK



LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
- TYPE-III BARRICADE W/ SIGN
- TYPE-I OR II BARRICADE W/ SIGN
- CHANNELIZATION DEVICE
- SIGN
- EXISTING SIGN
- 10' K-RAIL
- 20' K-RAIL
- TU-14 CRASH ARRAY



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PLAN ORDER: 11636

REGISTERED PROFESSIONAL ENGINEER MICAH S. HERSHBERG No. 64477 Exp. 6/30/15 CIVIL STATE OF CALIFORNIA 8-22-14

REV. NO.	DATE	DRWN	CHKD	REMARKS
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SHEET CHK'D BY: -
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APPROVED BY: -
DATE: AUGUST 2014

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INLAND EMPIRE BRINE LINE
REACH V REHABILITATION & IMPROVEMENT PROJECT
RIVERSIDE COUNTY

PROJECT NO. / FILE NAME: 7616.0004
DRAWING NO.
SHEET NO. 95 OF 98

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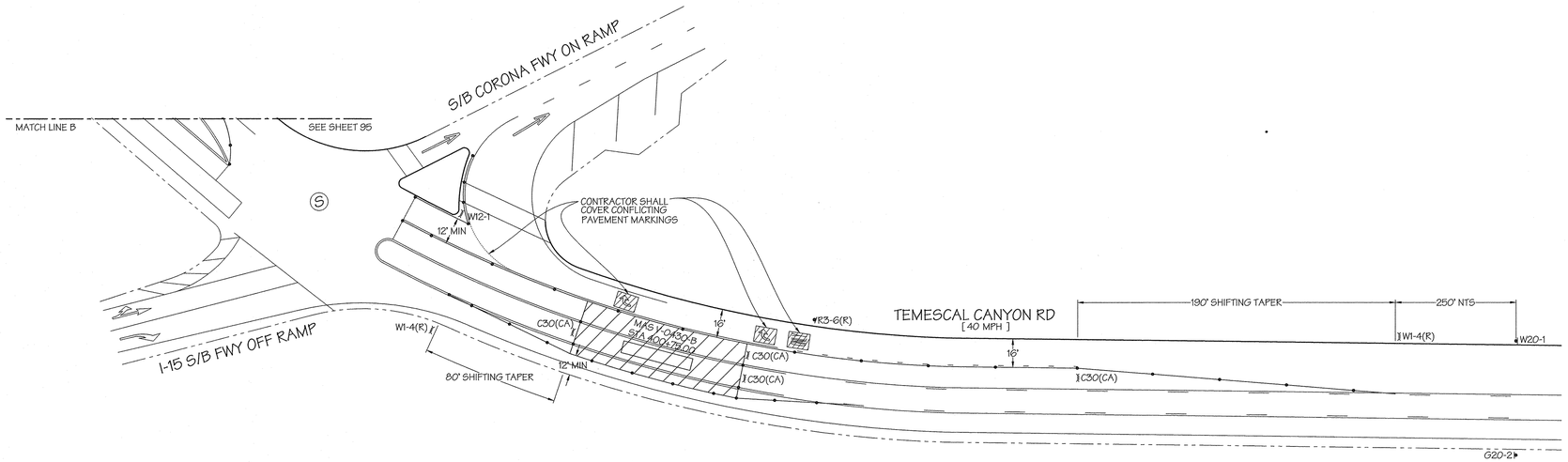

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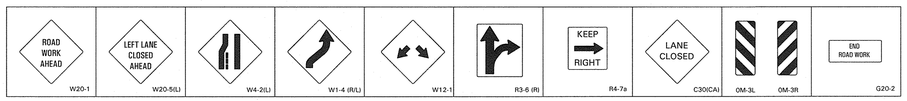
REGISTERED PROFESSIONAL ENGINEER
MICAH S. HERSHBERG
No. 64477
Exp. 6/30/15
CIVIL
STATE OF CALIFORNIA
8-22-14

CONSTRUCTION PHASE: PHASE 3 MAS WORK



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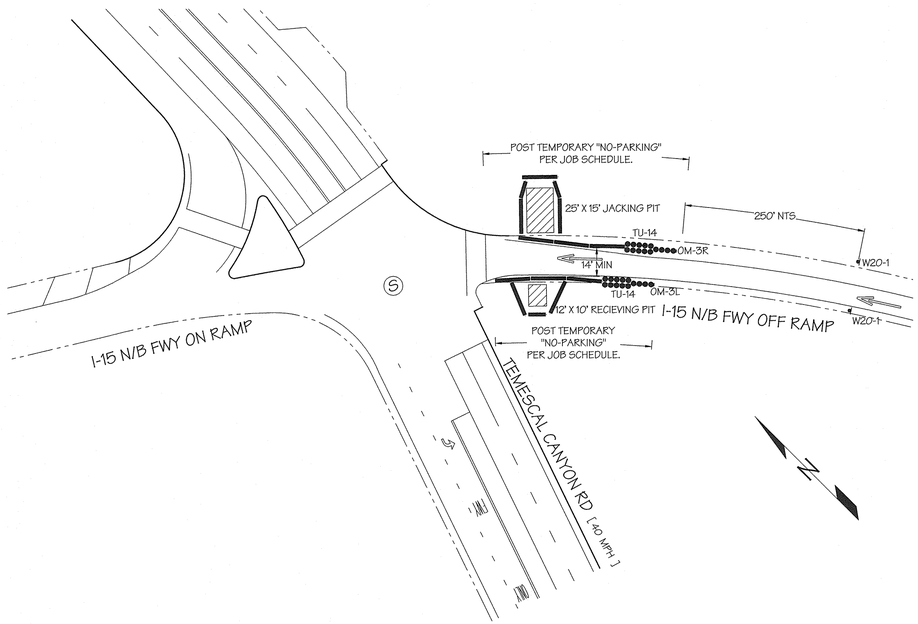

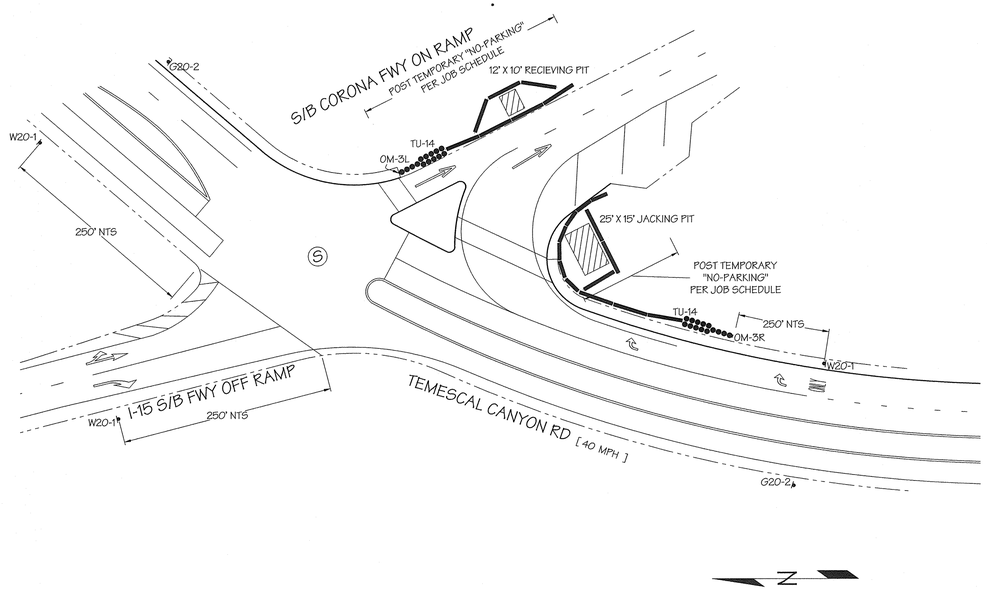

CONSTRUCTION PHASE: CALTRANS BYPASS INSTALLATION (A)

LEGEND:

- WORK AREA
- HIGH LEVEL WARNING DEVICE
- FLASHING ARROW SIGN (FAS)
- FLAGGER
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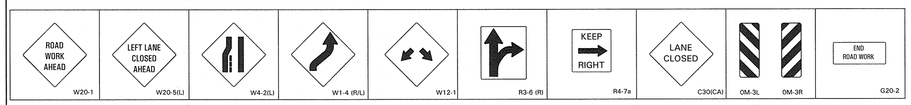
REGISTERED PROFESSIONAL ENGINEER MICAH S. HERSHBERG No. 64477 Exp. 6/30/15 CIVIL STATE OF CALIFORNIA 8-27-14



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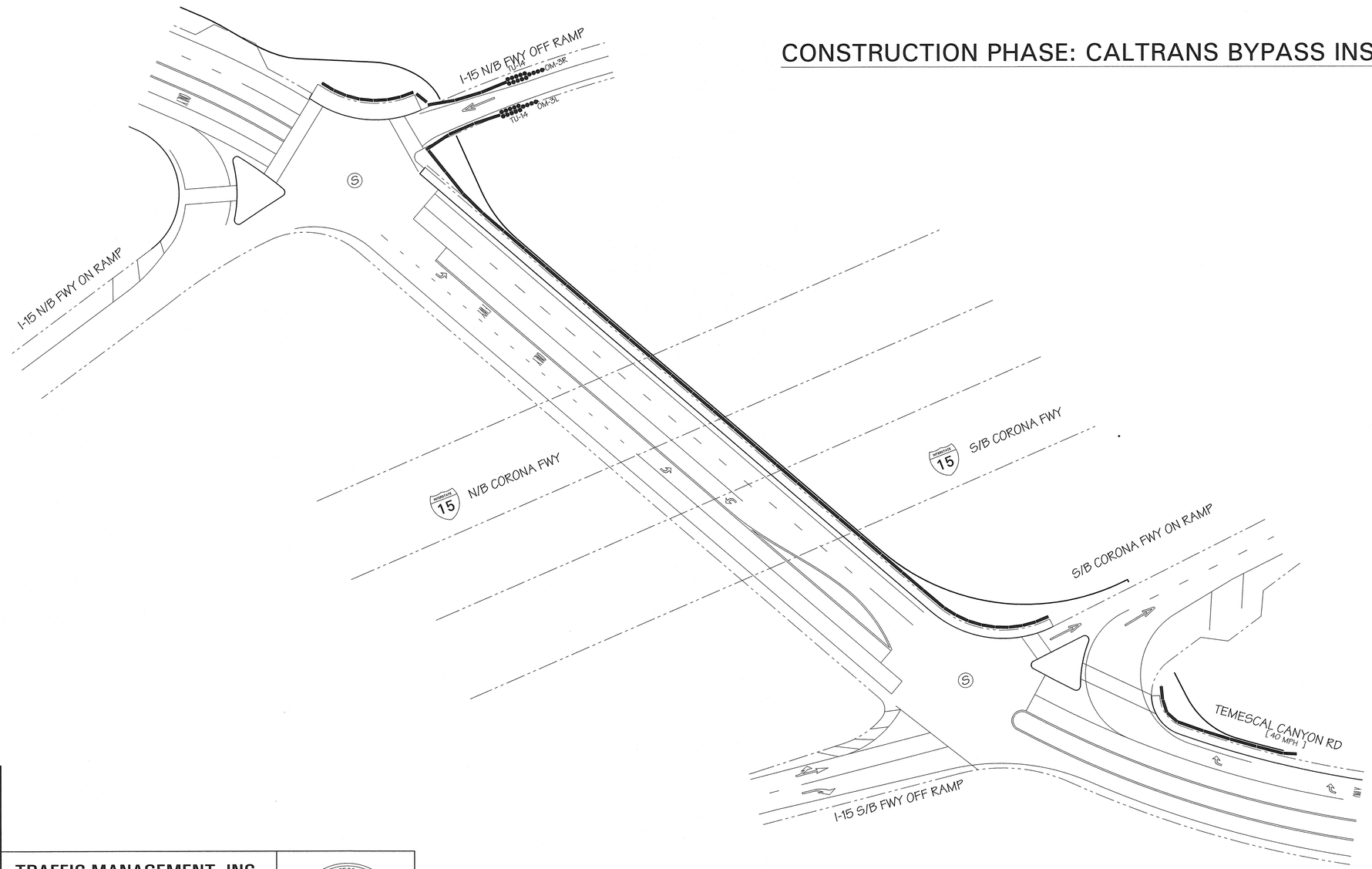
CONSTRUCTION PHASE: CALTRANS BYPASS INSTALLATION (B)



LEGEND:

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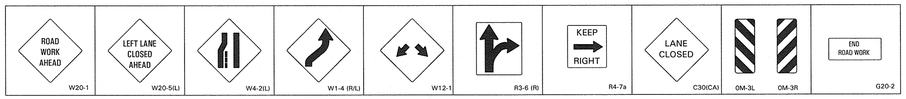

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