



# OC PUBLIC WORKS DEPARTMENT

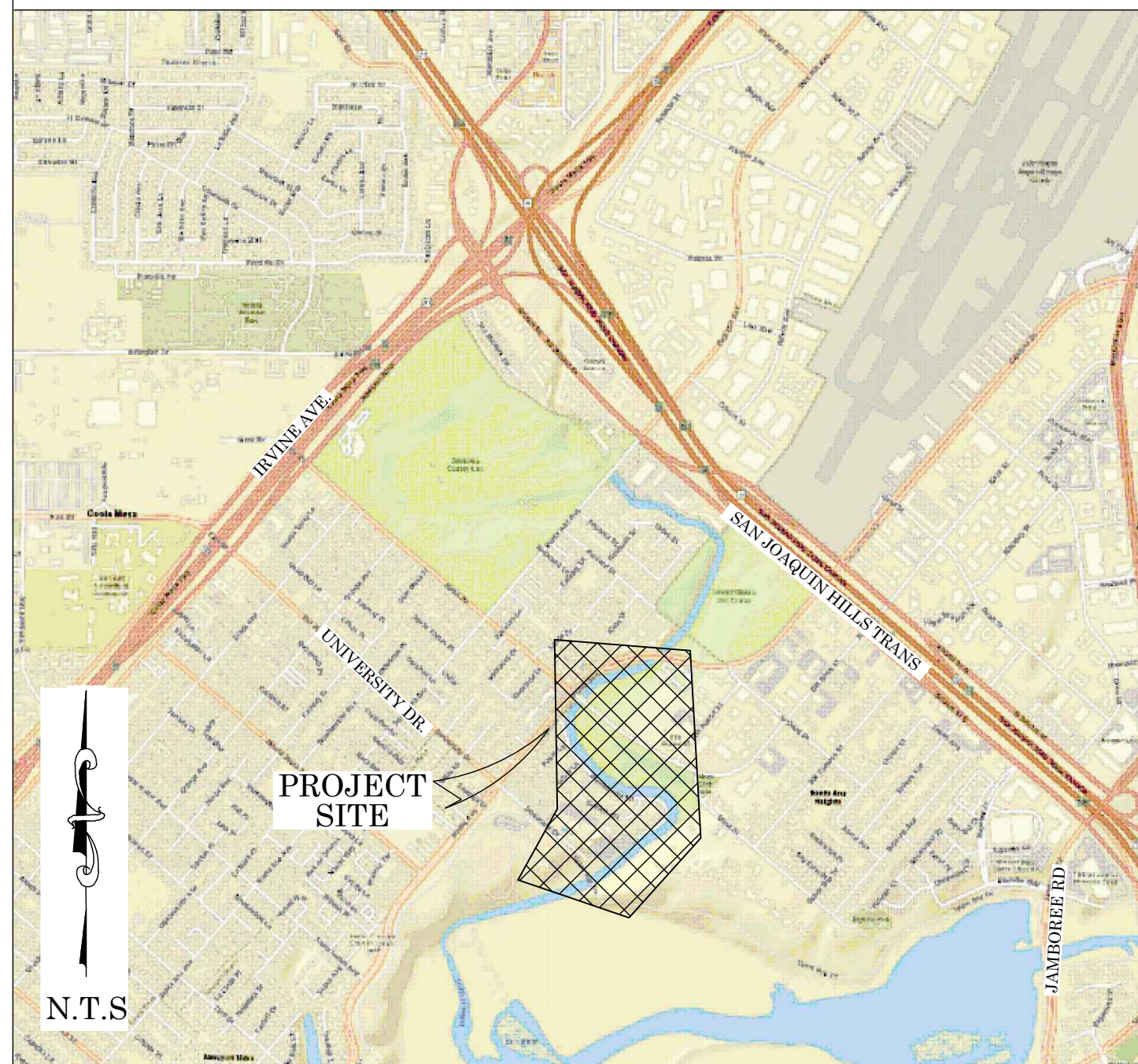
## KEVIN ONUMA, DIRECTOR OF PUBLIC WORKS



### SANTA ANA DELHI CHANNEL (F01)

FROM DOWN STREAM OF MESA DR. TO 1400' W'LY OF BIKE BRIDGE OVER F01 CHANNEL

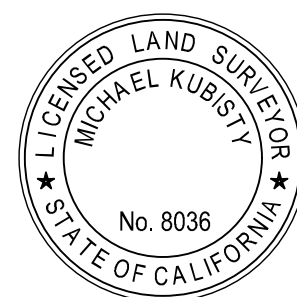
#### LOCATION MAP



#### SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 29 DAY OF SEPTEMBER, 2025.

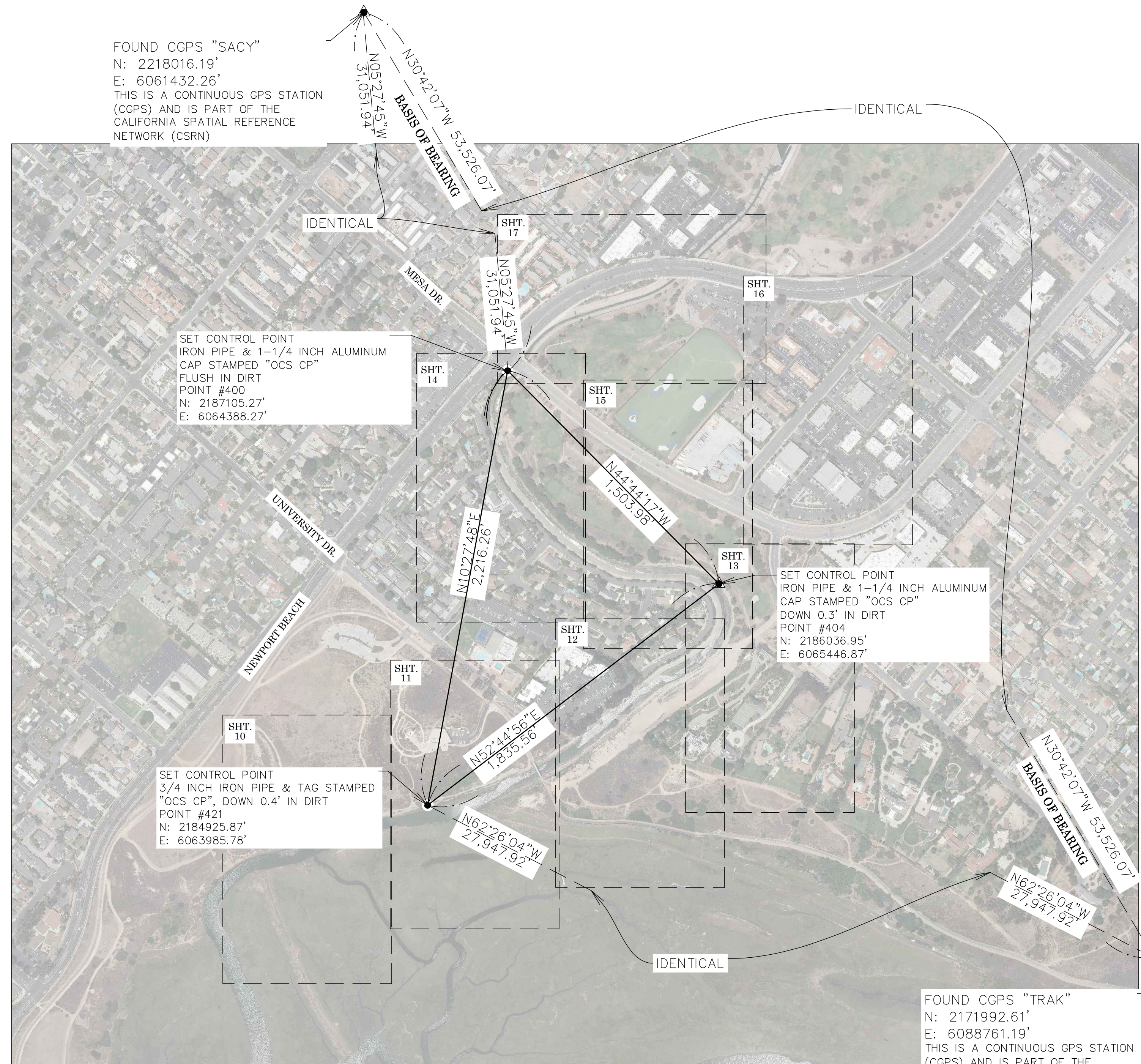
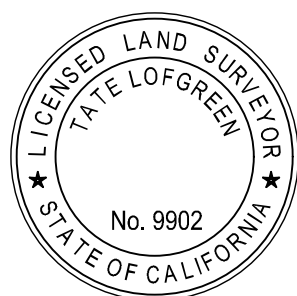
MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



#### SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 29 DAY OF SEPTEMBER, 2025.

TATE LOFGREEN, PLS. SENIOR LAND SURVEYOR



#### BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS (SACY) AND (TRAK) BEING N30°42'07\"/>

#### HORIZONTAL DATUM

THE COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT. ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCE MULTIPLY A GRID DISTANCE BY 1.00002582. COMBINATION FACTOR WAS HELD AT POINT NUMBER #404 N: 2186036.95', E: 6065446.87', ELEVATION: 17.66' ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

#### VERTICAL DATUM

O.C.S. CM-21-71 ELEV. = 66.007' YEAR LEVELED 1989 NAVD 1988 (O.C.S. 1995 ADJUSTMENT)  
DESCRIBED BY OCS 2001 - FOUND 3 3/4\"/>

#### NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES. TOPOGRAPHY OUTSIDE OF THE CONVENTIONAL SURVEY LIMITS SHOWN HEREON WERE DERIVED FROM AERIAL LIDAR PROVIDED BY DMI INC.

#### SHEET INDEX

| SHEET NO.    | DESCRIPTION                   |
|--------------|-------------------------------|
| SHEET 1      | TITLE SHEET                   |
| SHEETS 2-8   | BOUNDARY MAP                  |
| SHEET 9      | ALIGNMENT ESTABLISHMENT SHEET |
| SHEETS 10-17 | TOPOGRAPHIC MAP               |
| SHEETS 18-23 | SECTIONS                      |

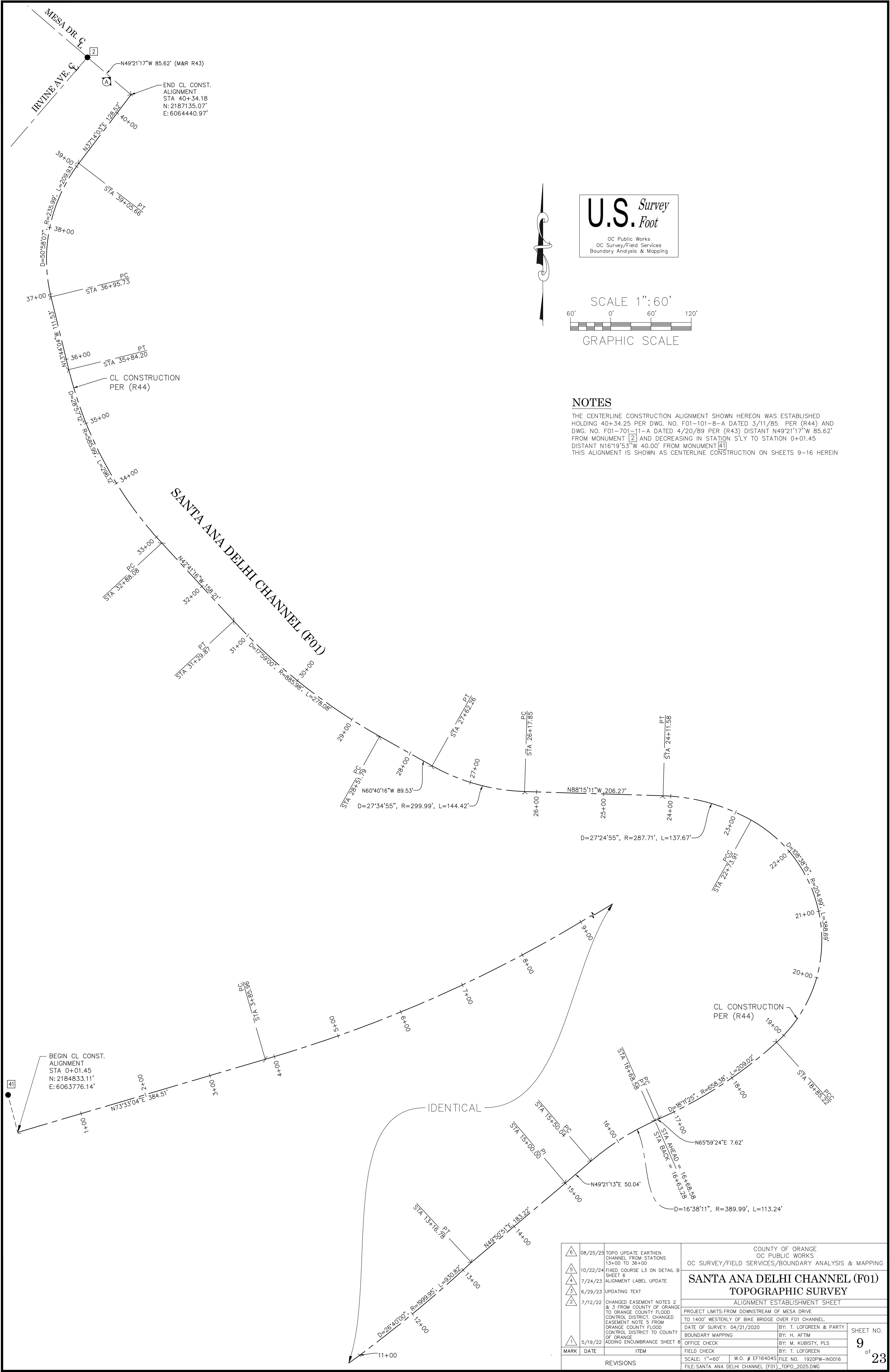
#### PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP AND RIGHT OF WAY ESTABLISHMENT FOR THIS PORTION OF THE SANTA ANA DELHI CHANNEL CHANNEL (F01).

|                                                                                             |      |                                                                                                                                                                                                               |                                                   |
|---------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |      | SANTA ANA DELHI CHANNEL (F01)<br>TOPOGRAPHIC SURVEY                                                                                                                                                           |                                                   |
| 08/25/25                                                                                    |      | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                                                      |                                                   |
| 10/22/24                                                                                    |      | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                                                           |                                                   |
| 7/24/23                                                                                     |      | ALIGNMENT LABEL UPDATE                                                                                                                                                                                        |                                                   |
| 6/29/23                                                                                     |      | UPDATING TEXT                                                                                                                                                                                                 |                                                   |
| 7/12/22                                                                                     |      | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDING ENCUMBRANCE SHEET 8 |                                                   |
| 5/19/22                                                                                     |      | OFFICE CHECK                                                                                                                                                                                                  |                                                   |
| MARK                                                                                        | DATE | ITEM                                                                                                                                                                                                          | REVISIONS                                         |
|                                                                                             |      | DATE OF SURVEY: 04/21/2020                                                                                                                                                                                    | BY: T. LOFGREEN & PARTY                           |
|                                                                                             |      | BOUNDARY MAPPING                                                                                                                                                                                              | BY: M. KUBISTY, PLS                               |
|                                                                                             |      | FIELD CHECK                                                                                                                                                                                                   | BY: T. LOFGREEN                                   |
|                                                                                             |      | SCALE: N.T.S.                                                                                                                                                                                                 | W.O. # EF16404S                                   |
|                                                                                             |      | FILE NO. 1920PW-IN0016                                                                                                                                                                                        | FILE: SANTA ANA DELHI CHANNEL (F01)_TOPO_2025.DWG |

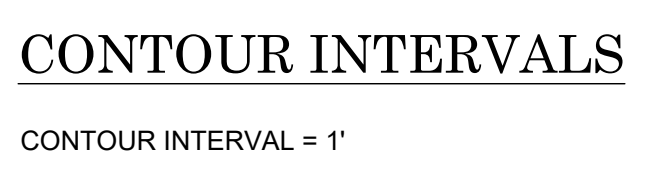
## TOPOGRAPHIC MAPPING PROJECT







SEE SHEET 10.



|                                                   |      |                        |                                                                                                                                                                                     |                     |                                                                                                                     |                                                     |                         |                                 |
|---------------------------------------------------|------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------|---------------------------------|
| <div>6</div>                                      |      | 08/25/25               | TOPO UPDATE: EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                           | B                   | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING                         | SANTA ANA DELHI CHANNEL (F01)<br>TOPOGRAPHIC SURVEY |                         |                                 |
| <div>9</div>                                      |      | 10/22/24               | FIXED COURSE L3 ON DETAIL SHEET E                                                                                                                                                   |                     |                                                                                                                     |                                                     |                         |                                 |
| <div>3</div>                                      |      | 7/24/23                | ALIGNMENT LABEL UPDATE                                                                                                                                                              |                     |                                                                                                                     |                                                     |                         |                                 |
| <div>4</div>                                      |      | 6/29/23                | UPDATING TEXT                                                                                                                                                                       |                     |                                                                                                                     |                                                     |                         |                                 |
| <div>2</div>                                      |      | 7/12/22                | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTRY OF ORANGE TO GRANGE COUNTY FLOOD CONTROL DISTRICT, CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTRY OF ORANGE |                     |                                                                                                                     |                                                     |                         |                                 |
| <div>1</div>                                      |      | 5/19/22                | ADDING ENCUMBRANCE SHEET                                                                                                                                                            | B                   | TOPOGRAPHIC MAP<br>PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL. |                                                     |                         |                                 |
| MARK                                              | DATE | ITEM                   | BOUNDARY MAPPING                                                                                                                                                                    |                     | DATE OF SURVEY: 04/21/2020                                                                                          |                                                     | BY: T. LOFGREEN & PARTY | SHEET NO.<br><br>11<br>of<br>23 |
|                                                   |      |                        |                                                                                                                                                                                     |                     | OFFICE CHECK                                                                                                        |                                                     |                         |                                 |
| FIELD CHECK                                       |      | BY: H. AFTIM           |                                                                                                                                                                                     |                     |                                                                                                                     |                                                     |                         |                                 |
| SCALE: 1"=60'                                     |      | W.O. # EF164045        |                                                                                                                                                                                     | BY: M. KUBISTY, PLS |                                                                                                                     |                                                     |                         |                                 |
| FILE: SANTA ANA DELHI CHANNEL (F01)_TOPO_2025.DWG |      | FILE NO. 1920PW-IN0016 |                                                                                                                                                                                     | BY: T. LOFGREEN     |                                                                                                                     |                                                     |                         |                                 |
| REVISIONS                                         |      |                        |                                                                                                                                                                                     |                     |                                                                                                                     |                                                     |                         |                                 |



SYMBOL

Gate, Double

Gate, Single

Grate Inlet

Guy Wire Anchor

Light Pole, Double

Light Pole, Single

Mailbox

Manhole Storm Drain

Manhole Telephone

Meter Water

Pull Box Cable TV

Pull Box Traffic

Sign Post

Valve Irrigation

Vault Cable TV

Vault Undefined

Water Line Appurtenance

Utility Pole

Traffic Signal

Post Steel

LINE PATTERN

Building Outline

Bush Row Outline

Centerline

Edge of Concrete

Edge of Asphalt Pavement

Fence Barbed-Wire

Fence Chainlink

Fence Wood

Flowline

Guard Rail

Grade Line

Hinge Point

Property Line

Right of Way

Striping

Wall, Concrete Block

TREE LINE

CONVENTIONAL SURVEY LIMIT

ABBREVIATION

AC Asphalt Concrete

CL Centerline

CONC. Concrete

CP Control Point

CMP Corrugated Metal Pipe

RCP Reinforce Concrete Pipe

AREA PATTERN

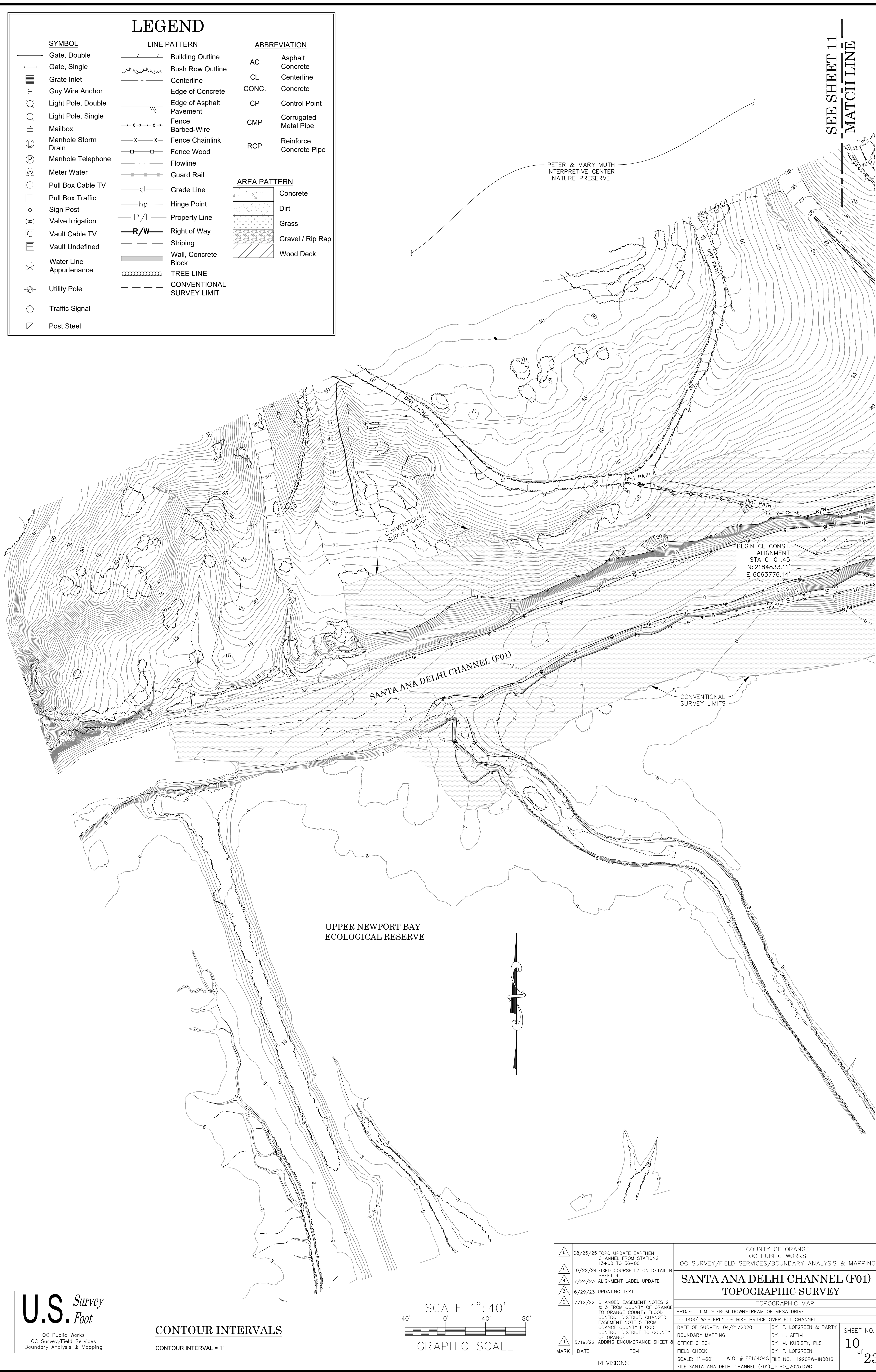
Concrete

Dirt

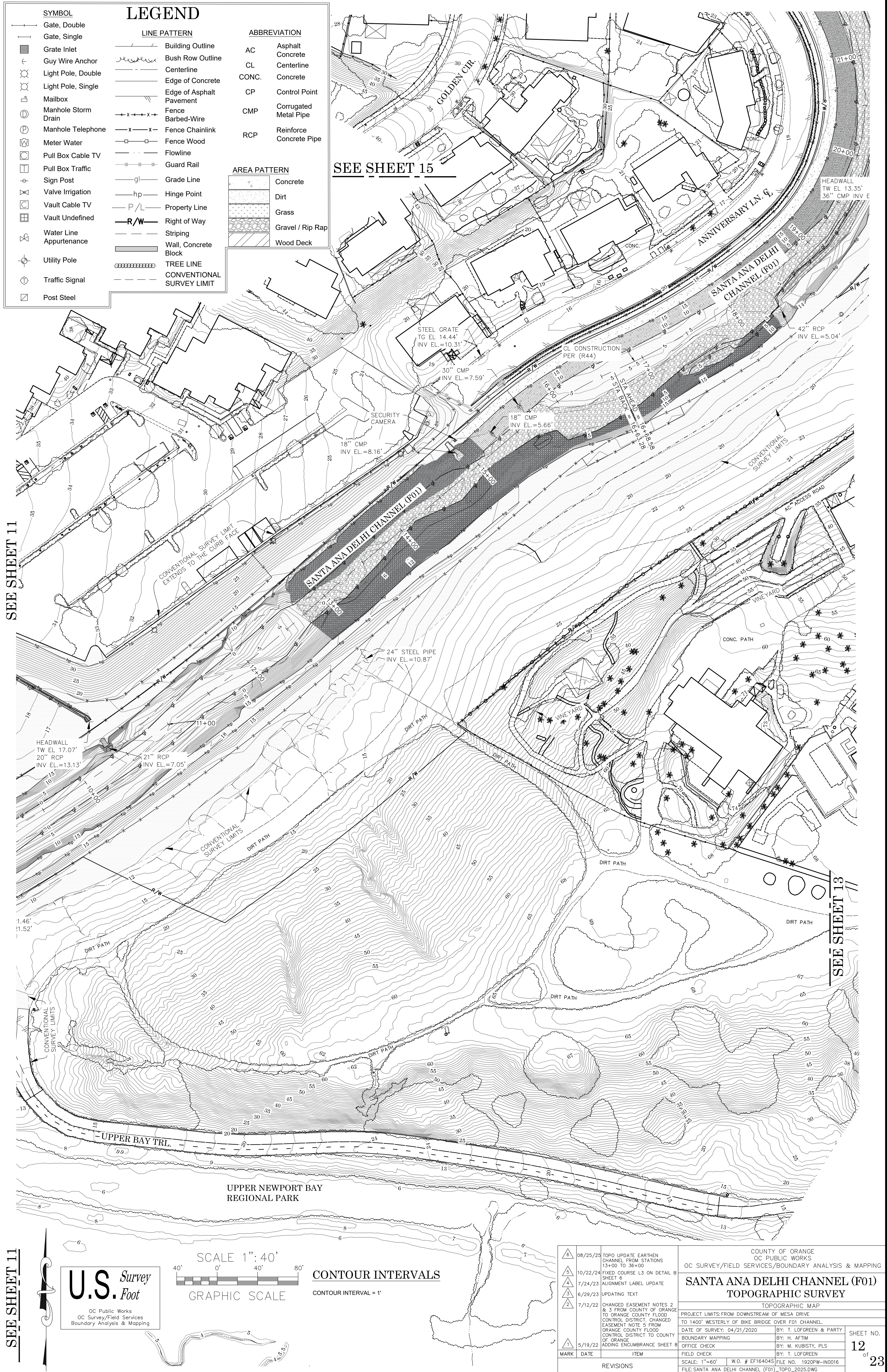
Grass

Gravel / Rip Rap

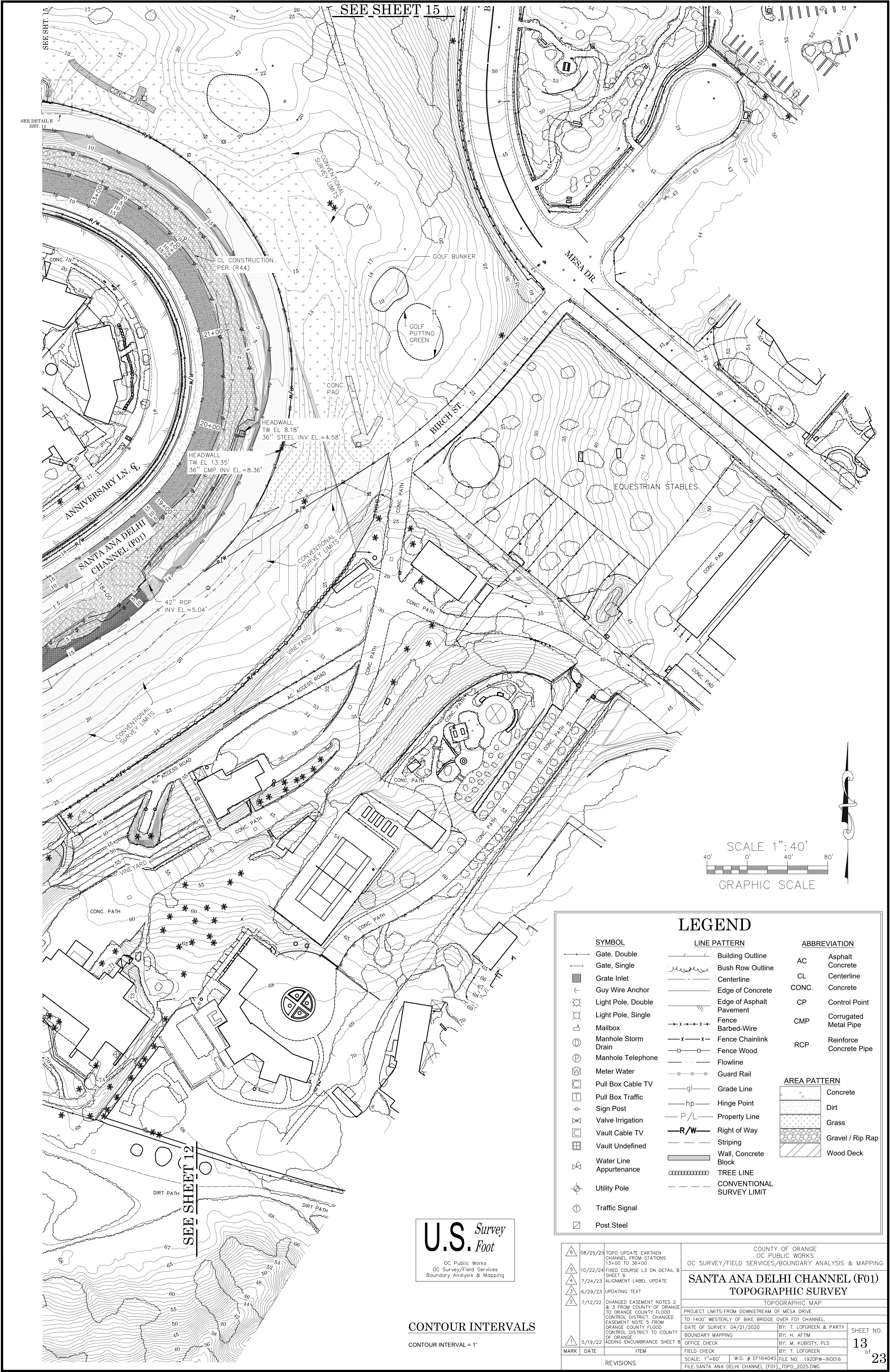
Wood Deck



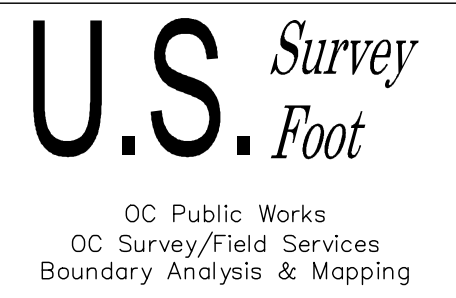












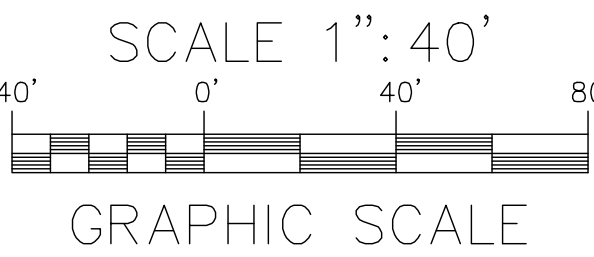
CONTOUR INTERVALS

CONTOUR INTERVAL = 1'

LEGEND

| SYMBOL | LINE PATTERN | ABBREVIATION                |
|--------|--------------|-----------------------------|
|        |              | AC Asphalt                  |
|        |              | CONC. Concrete              |
|        |              | CL Centerline               |
|        |              | CP Control Point            |
|        |              | CMP Corrugated Metal Pipe   |
|        |              | RCP Reinforce Concrete Pipe |
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| AREA PATTERN | ABBREVIATION     |
|--------------|------------------|
|              | Concrete         |
|              | Dirt             |
|              | Grass            |
|              | Gravel / Rip Rap |
|              | Wood Deck        |

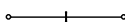
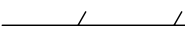
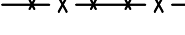
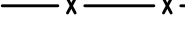
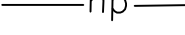
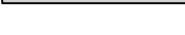


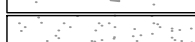
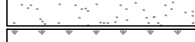
|           |          |                                                                                                                                                                                                               |                                                                                                  |                         |                                        |
|-----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------|----------------------------------------|
| 6         | 08/25/25 | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                                                      | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING      |                         |                                        |
| 5         | 10/22/24 | FIXED COURSE L3 ON DETAIL B SHEET 8                                                                                                                                                                           | SANTA ANA DELHI CHANNEL (F01)<br>TOPOGRAPHIC SURVEY                                              |                         |                                        |
| 4         | 7/24/23  | ALIGNMENT LABEL UPDATE                                                                                                                                                                                        | TOPOGRAPHIC MAP                                                                                  |                         |                                        |
| 3         | 6/29/23  | UPDATING TEXT                                                                                                                                                                                                 | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL. |                         |                                        |
| 2         | 7/12/22  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDING ENCUMBRANCE SHEET 8 | DATE OF SURVEY: 04/21/2020                                                                       | BY: T. LOFGREEN & PARTY | SHEET NO.<br><b>14</b><br>of <b>23</b> |
| 1         | 5/19/22  |                                                                                                                                                                                                               | BOUNDARY MAPPING                                                                                 | BY: M. KUBISTY, PLS     |                                        |
|           |          |                                                                                                                                                                                                               | OFFICE CHECK                                                                                     | BY: T. LOFGREEN         |                                        |
|           |          |                                                                                                                                                                                                               | FIELD CHECK                                                                                      | BY: T. LOFGREEN         |                                        |
| REVISIONS |          |                                                                                                                                                                                                               | SCALE: 1"=60'                                                                                    | W.O. # EF164045         | FILE NO. 1920PW-IN0016                 |
|           |          |                                                                                                                                                                                                               | FILE: SANTA ANA DELHI CHANNEL (F01)_TOPOC_2025.DWG                                               |                         |                                        |



SEE SHEET 17

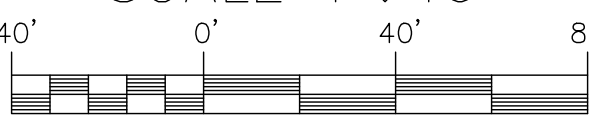
LEGEND

| SYMBOL                                                                              |                         | LINE PATTERN                                                                        |                           | ABBREVIATION |                       |
|-------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------|---------------------------|--------------|-----------------------|
|  | Gate, Double            |  | Building Outline          | AC           | Asphalt               |
|  | Gate, Single            |  | Bush Row Outline          |              | Concrete              |
|  | Grate Inlet             |  | Centerline                | CL           | Centerline            |
|  | Guy Wire Anchor         |  | Edge of Concrete          | CONC.        | Concrete              |
|  | Light Pole, Double      |  | Edge of Asphalt Pavement  | CP           | Control Point         |
|  | Light Pole, Single      |  | Fence Barbed-Wire         | CMP          | Corrugated Metal Pipe |
|  | Mailbox                 |  | Fence Chainlink           |              |                       |
|  | Manhole Storm Drain     |  | Fence Wood                |              |                       |
|  | Manhole Telephone       |  | Flowline                  |              |                       |
|  | Meter Water             |  | Guard Rail                |              |                       |
|  | Pull Box Cable TV       |  | Grade Line                |              |                       |
|  | Pull Box Traffic        |  | Hinge Point               |              |                       |
|  | Sign Post               |  | Property Line             |              |                       |
|  | Valve Irrigation        |  | Right of Way              |              |                       |
|  | Vault Cable TV          |  | Striping                  |              |                       |
|  | Vault Undefined         |  | Wall, Concrete Block      |              |                       |
|  | Water Line Appurtenance |  | TREE LINE                 |              |                       |
|  | Utility Pole            |  | CONVENTIONAL SURVEY LIMIT |              |                       |
|  | Traffic Signal          |                                                                                     |                           |              |                       |
|  | Post Steel              |                                                                                     |                           |              |                       |

| AREA PATTERN                                                                        |                  |
|-------------------------------------------------------------------------------------|------------------|
|  | Concrete         |
|  | Dirt             |
|  | Grass            |
|  | Gravel / Rip Rap |
|  | Wood Deck        |

SEE SHEET 16

SCALE 1"=40'



GRAPHIC SCALE

SEE SHEET 14

U.S. Survey Foot  
OC Public Works  
OC Survey/Field Services  
Boundary Analysis & Mapping

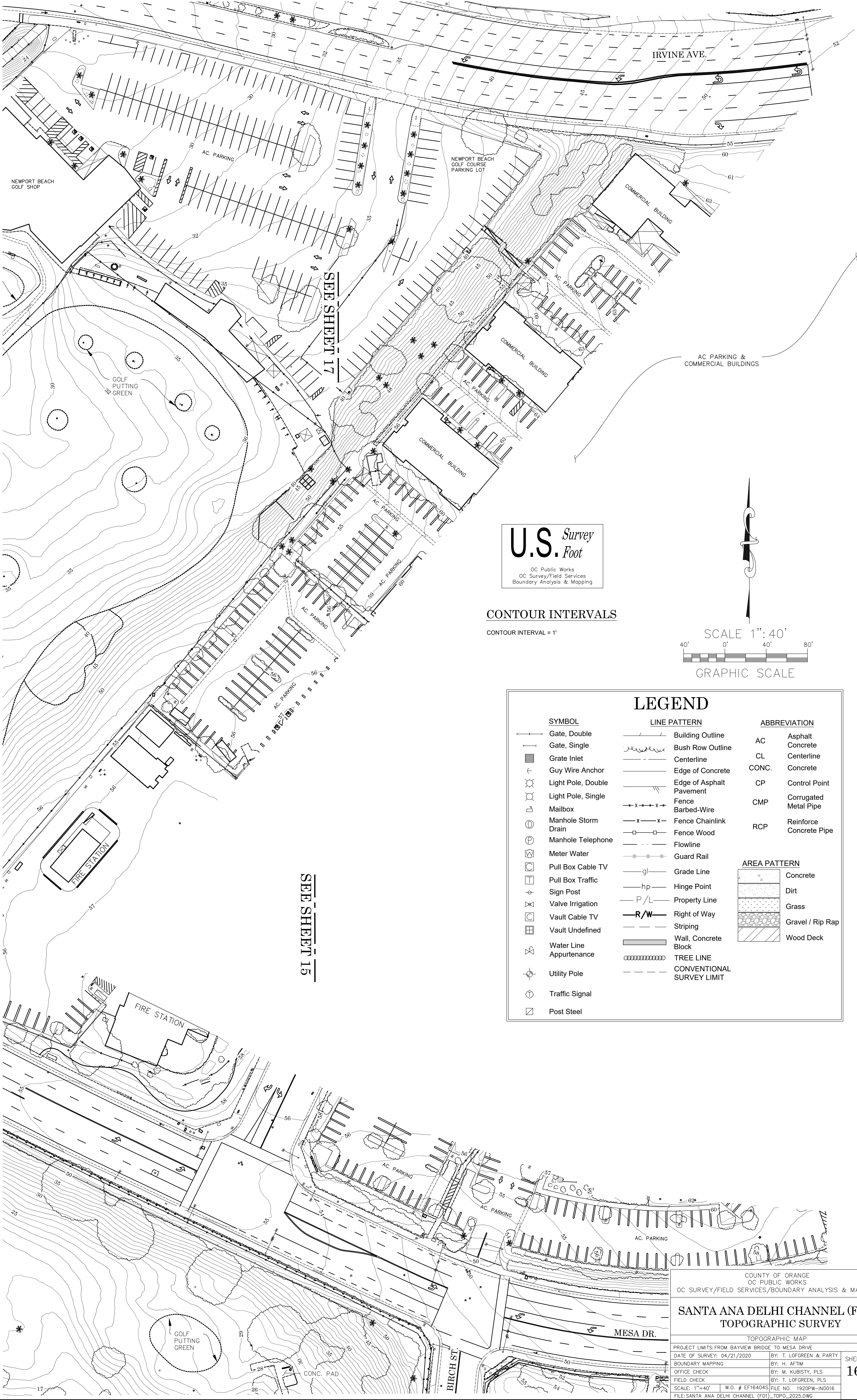
CONTOUR INTERVALS

CONTOUR INTERVAL = 1'

SEE SHEET 12

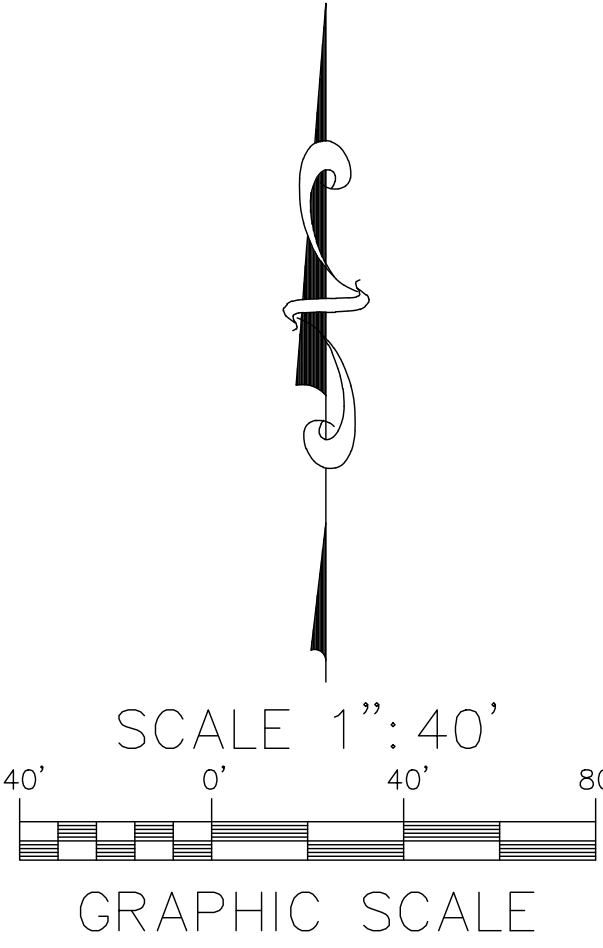
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|--------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6                                                                                                | 08/25/25                | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                                                      |
| 5                                                                                                | 10/22/24                | FIXED COURSE L3 ON DETAIL B SHEET 8                                                                                                                                                                           |
| 4                                                                                                | 7/24/23                 | ALIGNMENT LABEL UPDATE                                                                                                                                                                                        |
| 3                                                                                                | 6/29/23                 | UPDATING TEXT                                                                                                                                                                                                 |
| 2                                                                                                | 7/12/22                 | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDING ENCUMBRANCE SHEET 8 |
| 1                                                                                                | 5/19/22                 |                                                                                                                                                                                                               |
| MARK                                                                                             | DATE                    | ITEM                                                                                                                                                                                                          |
| REVISIONS                                                                                        |                         |                                                                                                                                                                                                               |
| COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING      |                         |                                                                                                                                                                                                               |
| SANTA ANA DELHI CHANNEL (F01)<br>TOPOGRAPHIC SURVEY                                              |                         |                                                                                                                                                                                                               |
| TOPOGRAPHIC MAP                                                                                  |                         |                                                                                                                                                                                                               |
| PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL. |                         |                                                                                                                                                                                                               |
| DATE OF SURVEY: 04/21/2020                                                                       | BY: T. LOFGREEN & PARTY | SHEET NO.<br>15 of 23                                                                                                                                                                                         |
| BOUNDARY MAPPING                                                                                 | BY: H. AFTIM            |                                                                                                                                                                                                               |
| OFFICE CHECK                                                                                     | BY: M. KUBISTY, PLS     |                                                                                                                                                                                                               |
| FIELD CHECK                                                                                      | BY: T. LOFGREEN         |                                                                                                                                                                                                               |
| SCALE: 1"=60'                                                                                    | W.O. # EF164045         | FILE NO. 1920PW-IN0016                                                                                                                                                                                        |
| FILE: SANTA ANA DELHI CHANNEL (F01)_TOPO_2025.DWG                                                |                         |                                                                                                                                                                                                               |





U.S. Survey  
Foot  
OC Public Works  
OC Survey/Field Services  
Boundary Analysis & Mapping

CONTOUR INTERVALS  
CONTOUR INTERVAL = 1'



LEGEND

| SYMBOL | LINE PATTERN | ABBREVIATION                |
|--------|--------------|-----------------------------|
|        |              | AC Asphalt                  |
|        |              | CL Concrete                 |
|        |              | CONC. Concrete              |
|        |              | CP Control Point            |
|        |              | CMP Corrugated Metal Pipe   |
|        |              | RCP Reinforce Concrete Pipe |
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| AREA PATTERN |                  |
|--------------|------------------|
|              | Concrete         |
|              | Dirt             |
|              | Grass            |
|              | Gravel / Rip Rap |
|              | Wood Deck        |



SYMBOL

Gate, Double

Gate, Single

Grate Inlet

Guy Wire Anchor

Light Pole, Double

Light Pole, Single

Mailbox

Manhole Storm Drain

Manhole Telephone

Meter Water

Pull Box Cable TV

Pull Box Traffic

Sign Post

Valve Irrigation

Vault Cable TV

Vault Undefined

Water Line Appurtenance

Utility Pole

Traffic Signal

Post Steel

LINE PATTERN

Building Outline

Bush Row Outline

Centerline

Edge of Concrete

Edge of Asphalt Pavement

Fence Barbed-Wire

Fence Chainlink

Fence Wood

Flowline

Guard Rail

Grade Line

Hinge Point

P/L Property Line

R/W Right of Way

Striping

Wall, Concrete Block

TREE LINE

CONVENTIONAL SURVEY LIMIT

ABBREVIATION

AC Asphalt

Concrete

CL Centerline

CONC. Concrete

CP Control Point

CMP Corrugated Metal Pipe

RCP Reinforce Concrete Pipe

SCALE 1"=40'

GRAPHIC SCALE

U.S. Survey

OC Public Works

OC Survey/Field Services

Boundary Analysis & Mapping

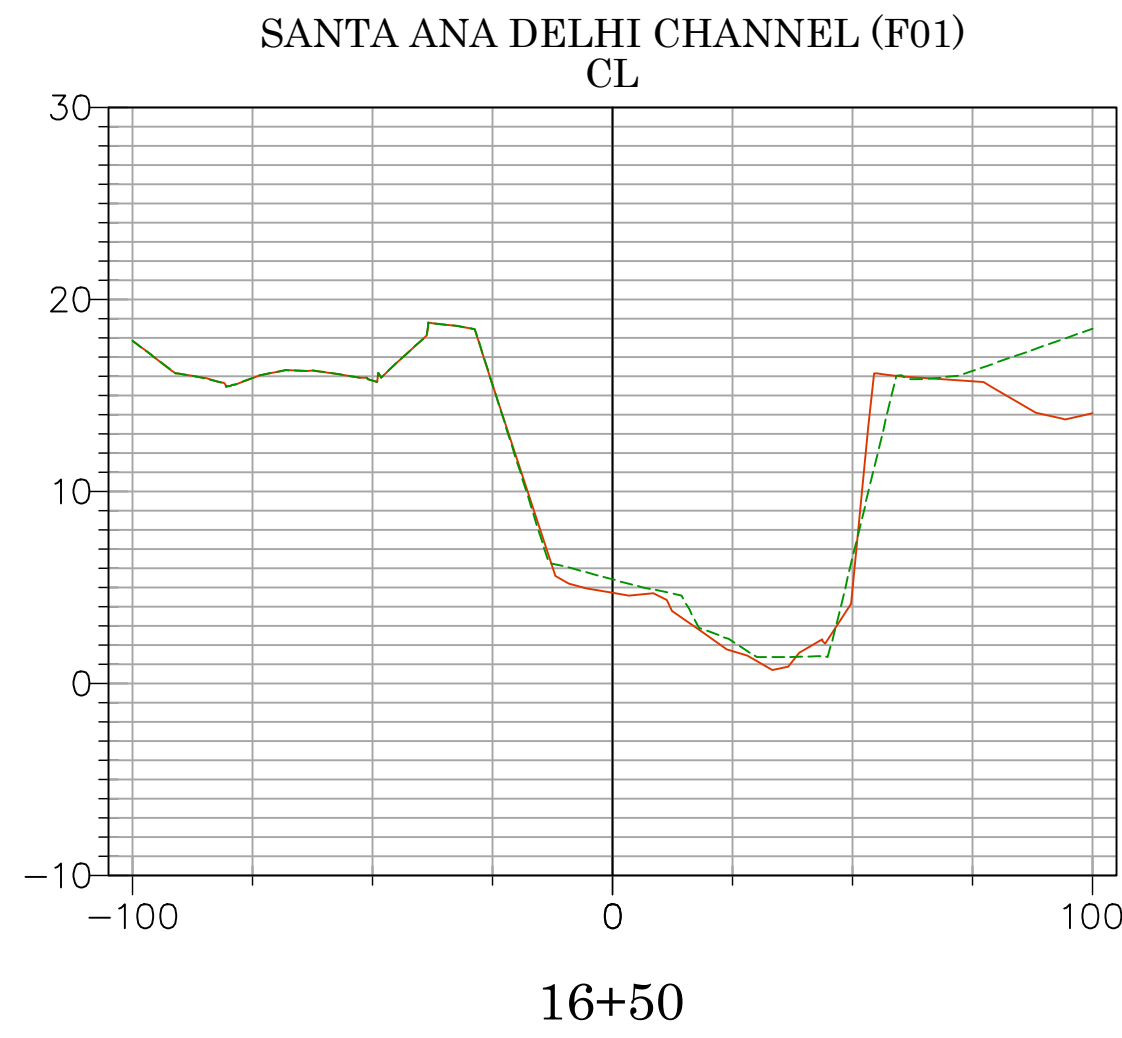
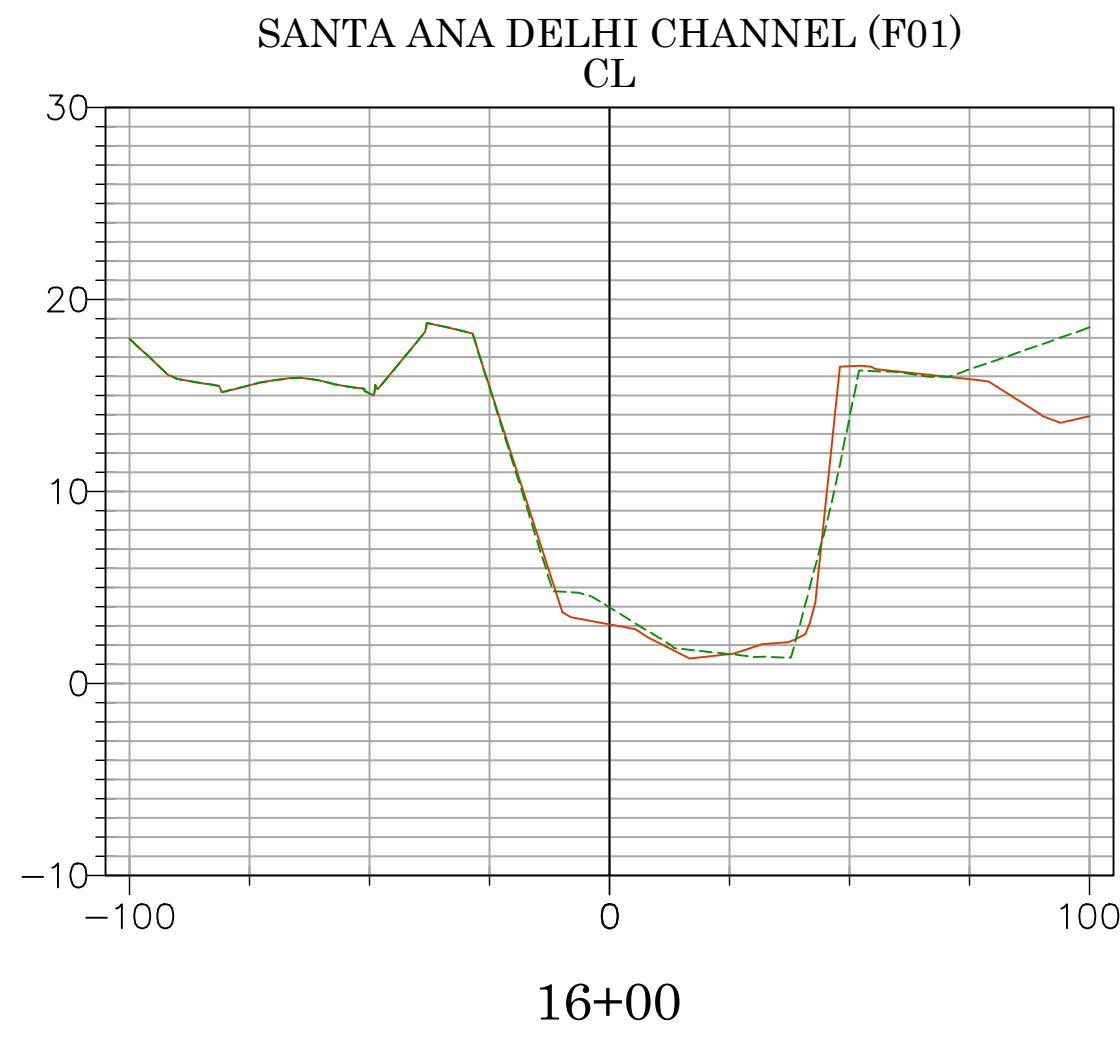
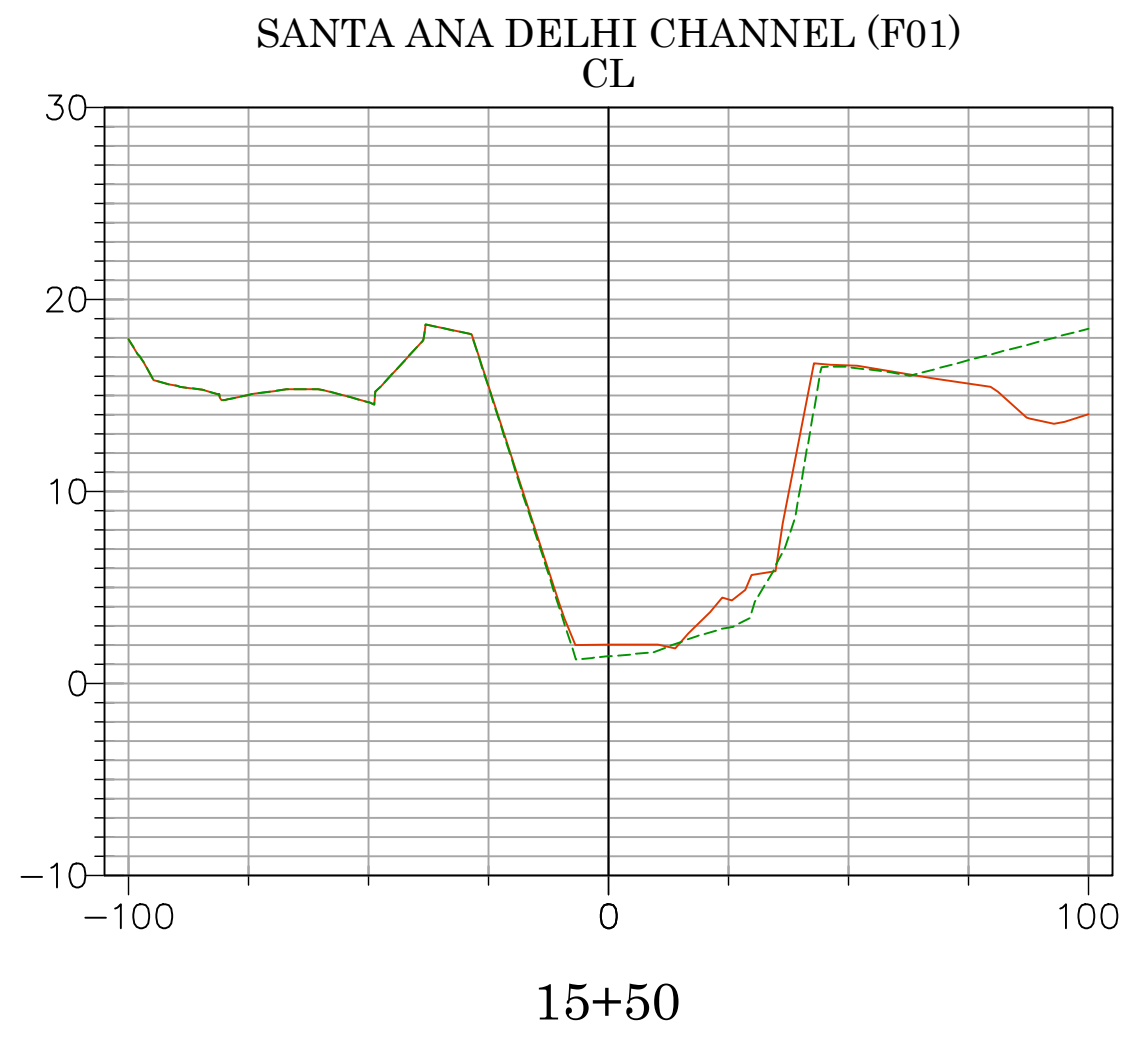
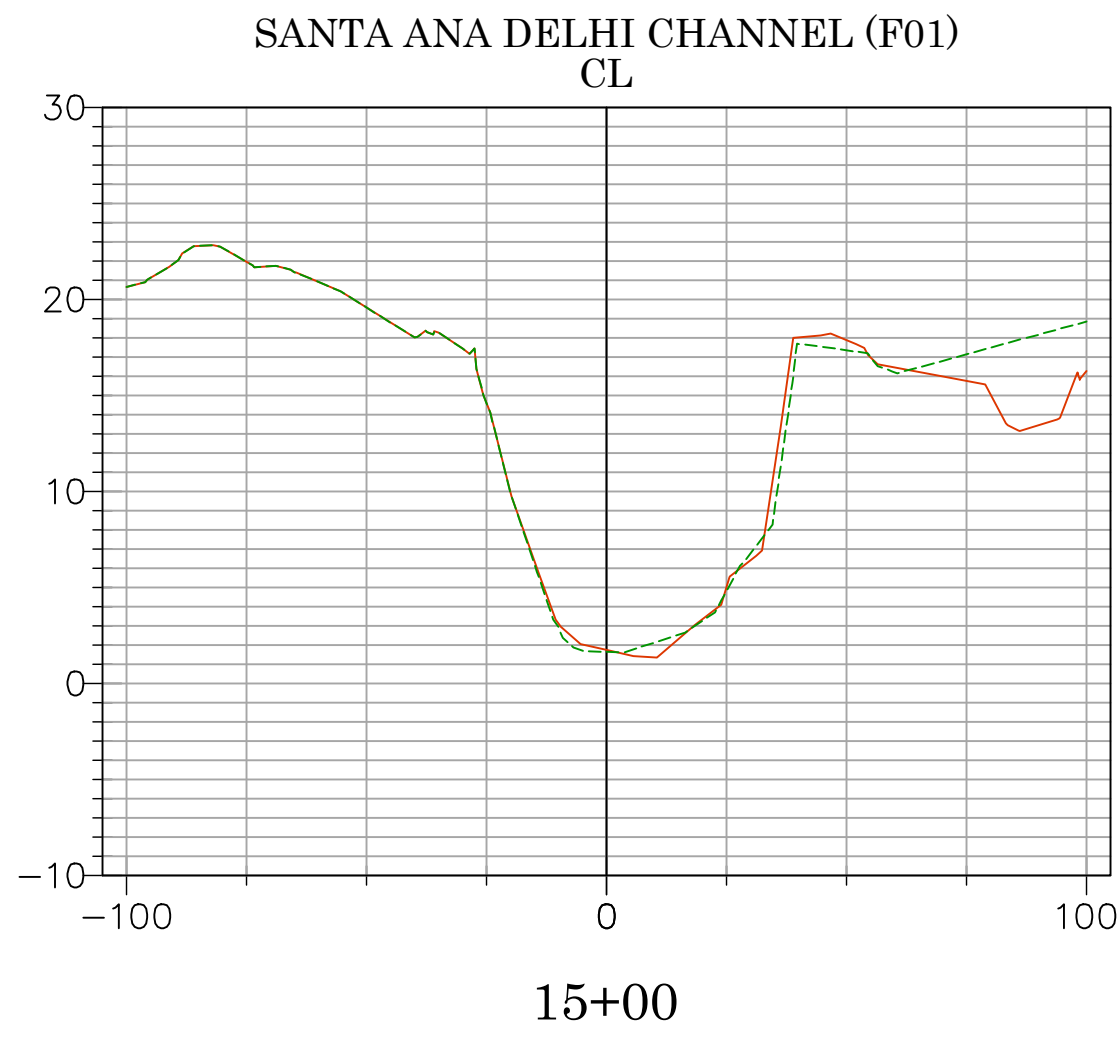
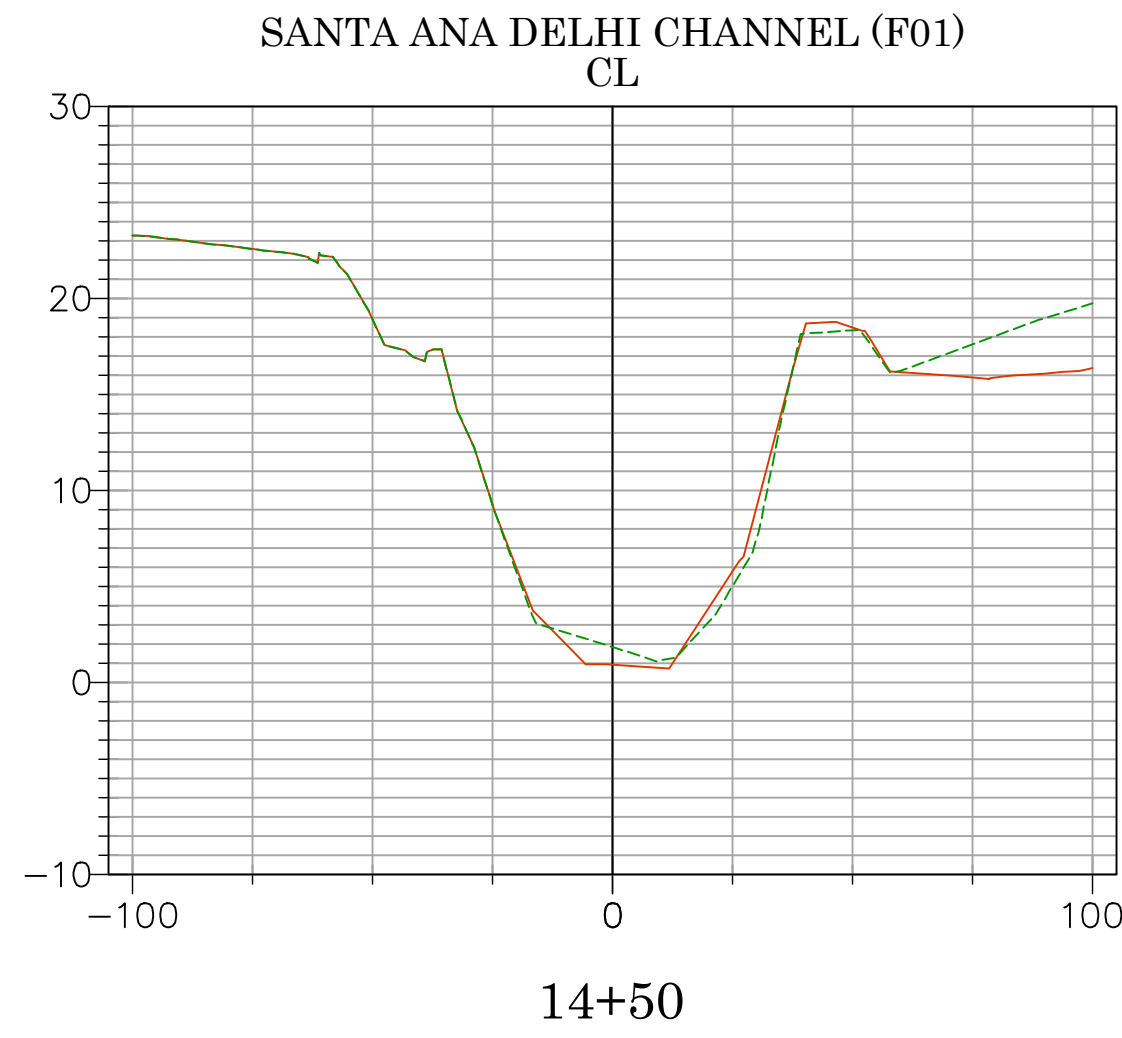
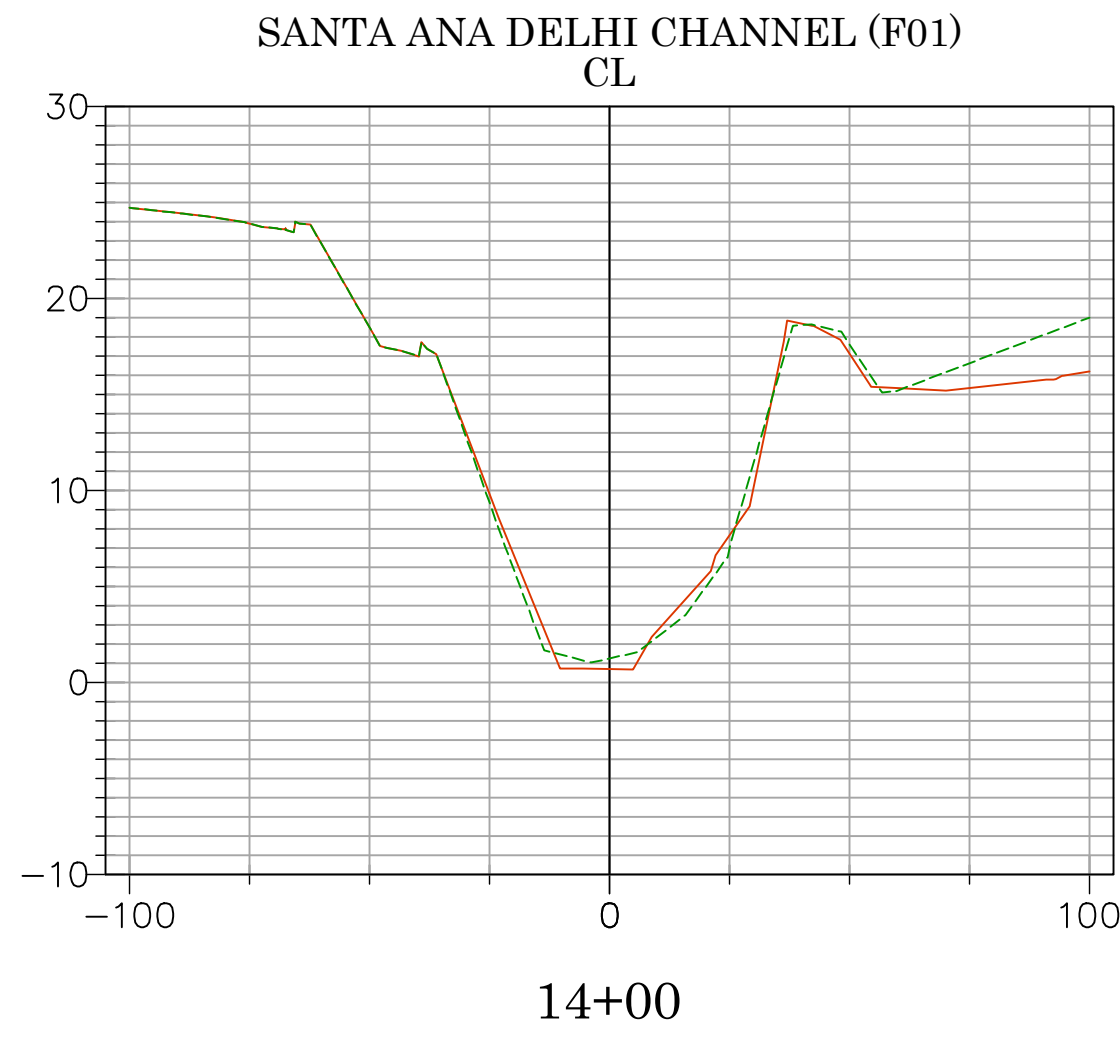
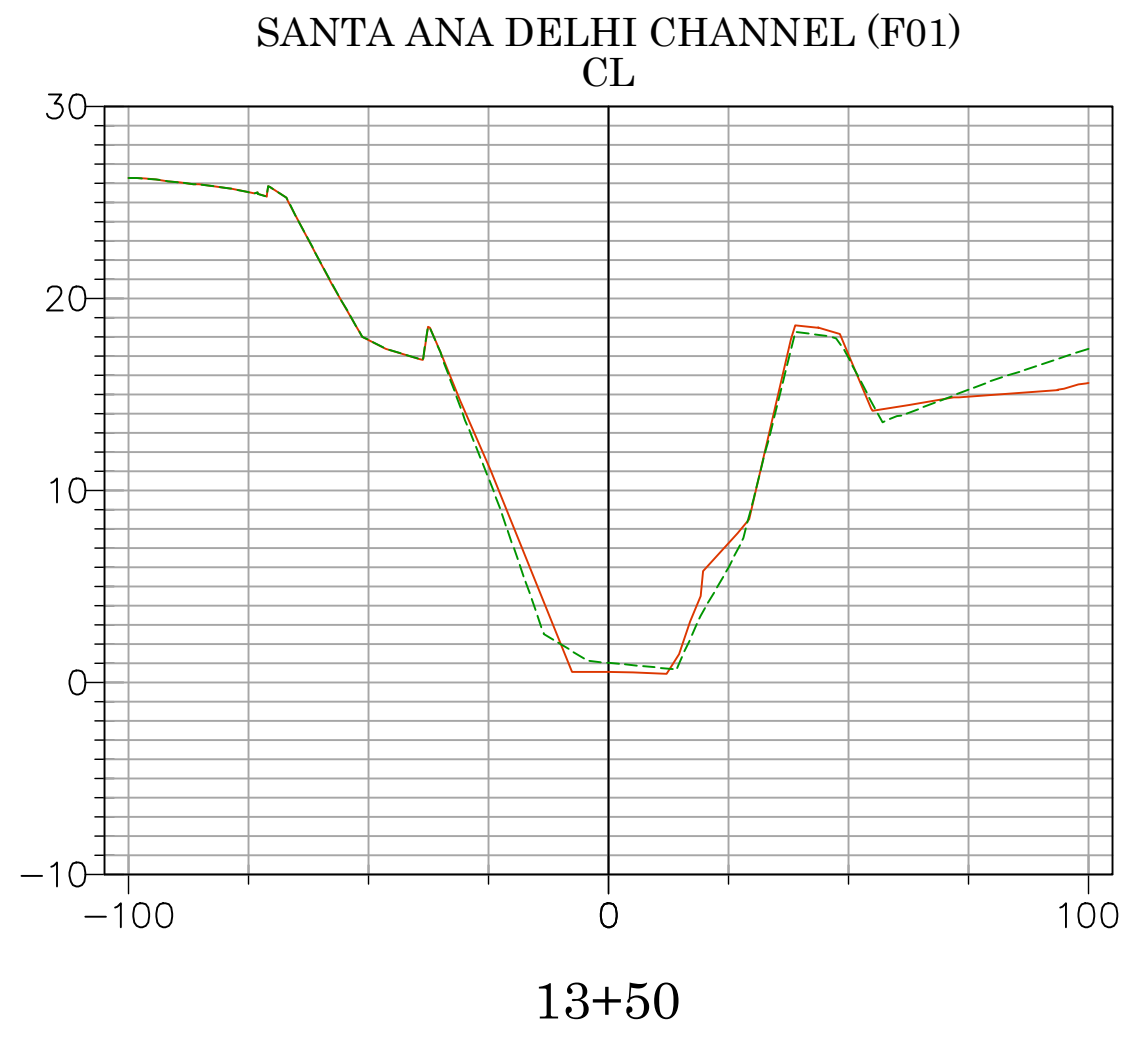
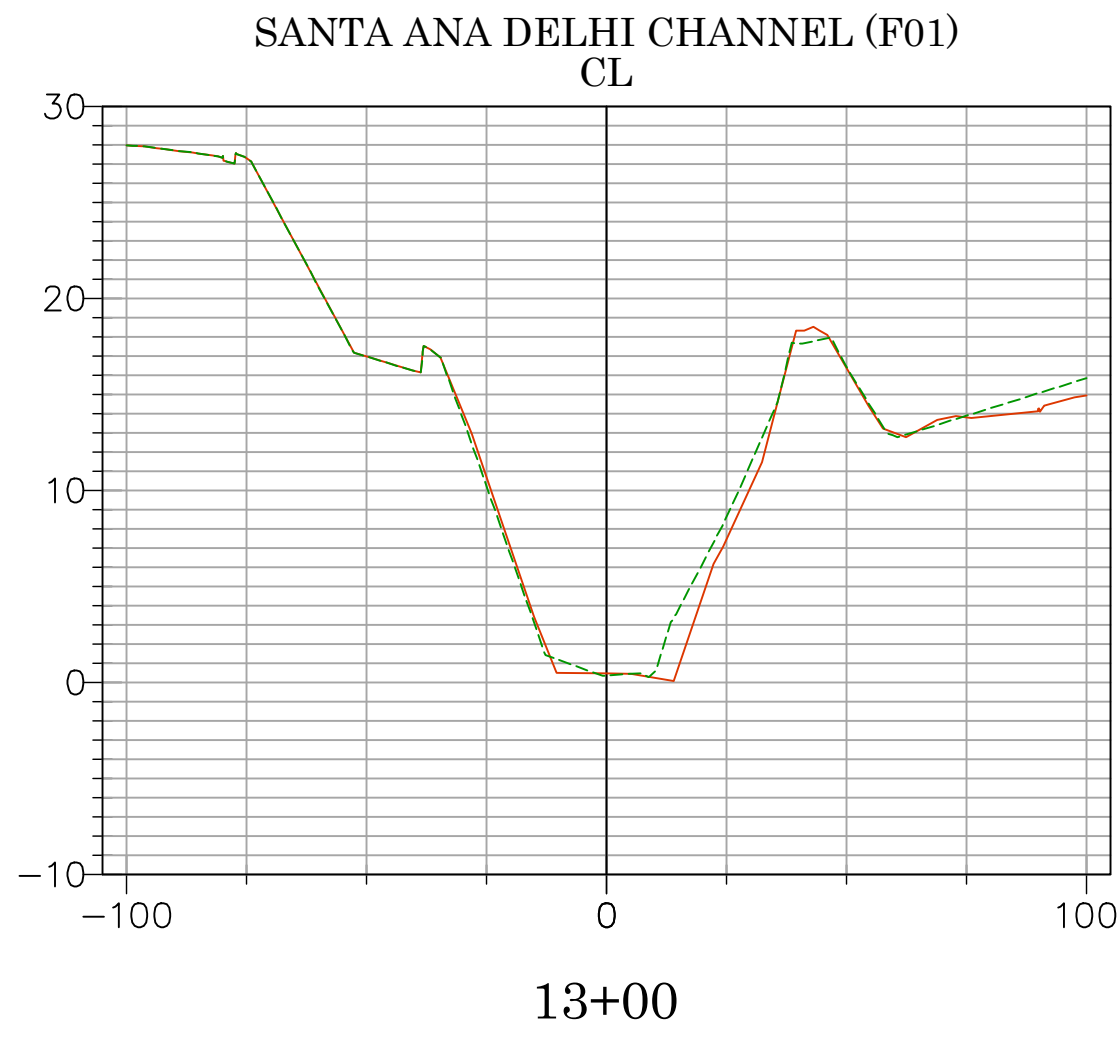
CONTOUR INTERVALS

CONTOUR INTERVAL = 1'

The map displays the Santa Ana Delhi Channel (F01) flowing through a landscape with various topographic features. Key elements include: Irvine Ave. running horizontally across the upper portion; Mesa Dr. running horizontally across the lower portion; Newport Beach Golf Shop and AC Parking located to the right of the channel; several Golf Putting Greens scattered throughout the area; and various contour lines indicating elevation. Infrastructure such as fences, walls, and utility poles are also shown. The map is divided into sections with labels like 'SEE SHEET 14', 'SEE SHEET 15', and 'SEE SHEET 16'.

|          |  |                                                                                                                                                                                                               |                                                                                                    |  |
|----------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--|
| 08/25/25 |  | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                                                      | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING        |  |
| 10/22/24 |  | FIXED COURSE L3 ON DETAIL B                                                                                                                                                                                   | SANTA ANA DELHI CHANNEL (F01)<br>TOPOGRAPHIC SURVEY                                                |  |
| 7/24/23  |  | ALIGNMENT LABEL UPDATE                                                                                                                                                                                        | TOPOGRAPHIC MAP                                                                                    |  |
| 6/29/23  |  | UPDATING TEXT                                                                                                                                                                                                 | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE<br>TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL |  |
| 7/12/22  |  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDING ENCUMBRANCE SHEET B | DATE OF SURVEY: 04/21/2020<br>BY: T. LOFGREEN & PARTY                                              |  |
| 5/19/22  |  | OFFICE CHECK                                                                                                                                                                                                  | BOUNDARY MAPPING<br>BY: H. AETIM                                                                   |  |
|          |  |                                                                                                                                                                                                               | OFFICE CHECK<br>BY: M. KUBISTY, PLS                                                                |  |
|          |  |                                                                                                                                                                                                               | FIELD CHECK<br>BY: T. LOFGREEN                                                                     |  |
|          |  |                                                                                                                                                                                                               | SCALE: 1"=60' W.O. # EF164045 FILE NO. 1920PW-IN0016                                               |  |
|          |  |                                                                                                                                                                                                               | FILE: SANTA ANA DELHI CHANNEL (F01)_TOPG_2025.DWG                                                  |  |
|          |  | REVISIONS                                                                                                                                                                                                     | SHEET NO.<br>17 of 23                                                                              |  |

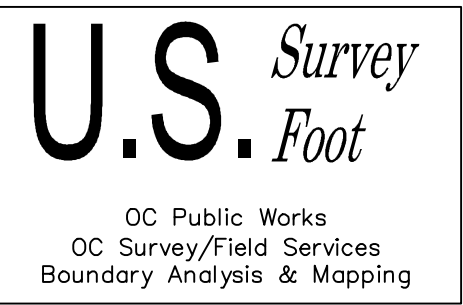




2025 UPDATED TOPO  
2020 ORIGINAL SURFACE  
DATE PREPARED: 09/17/2025

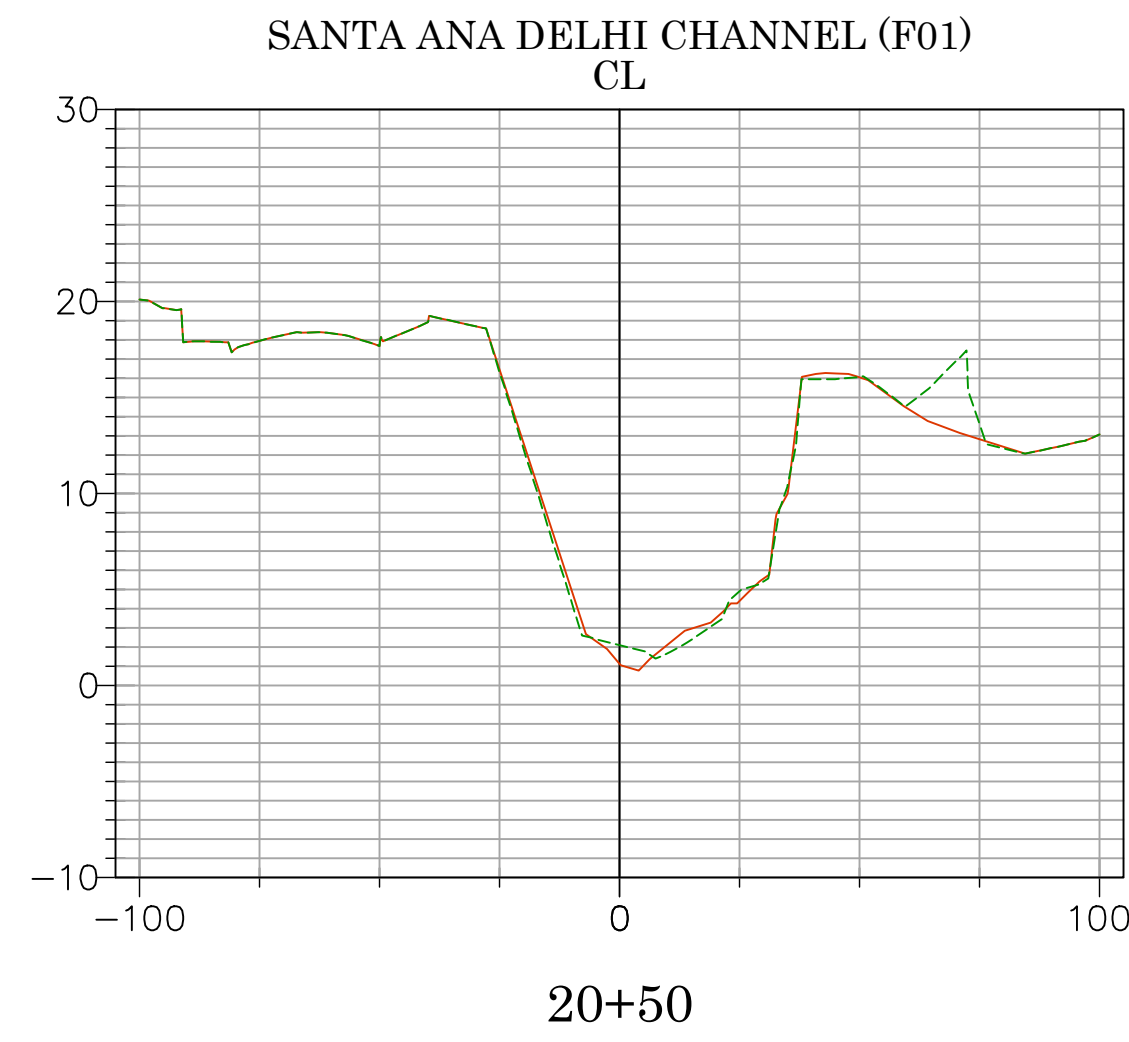
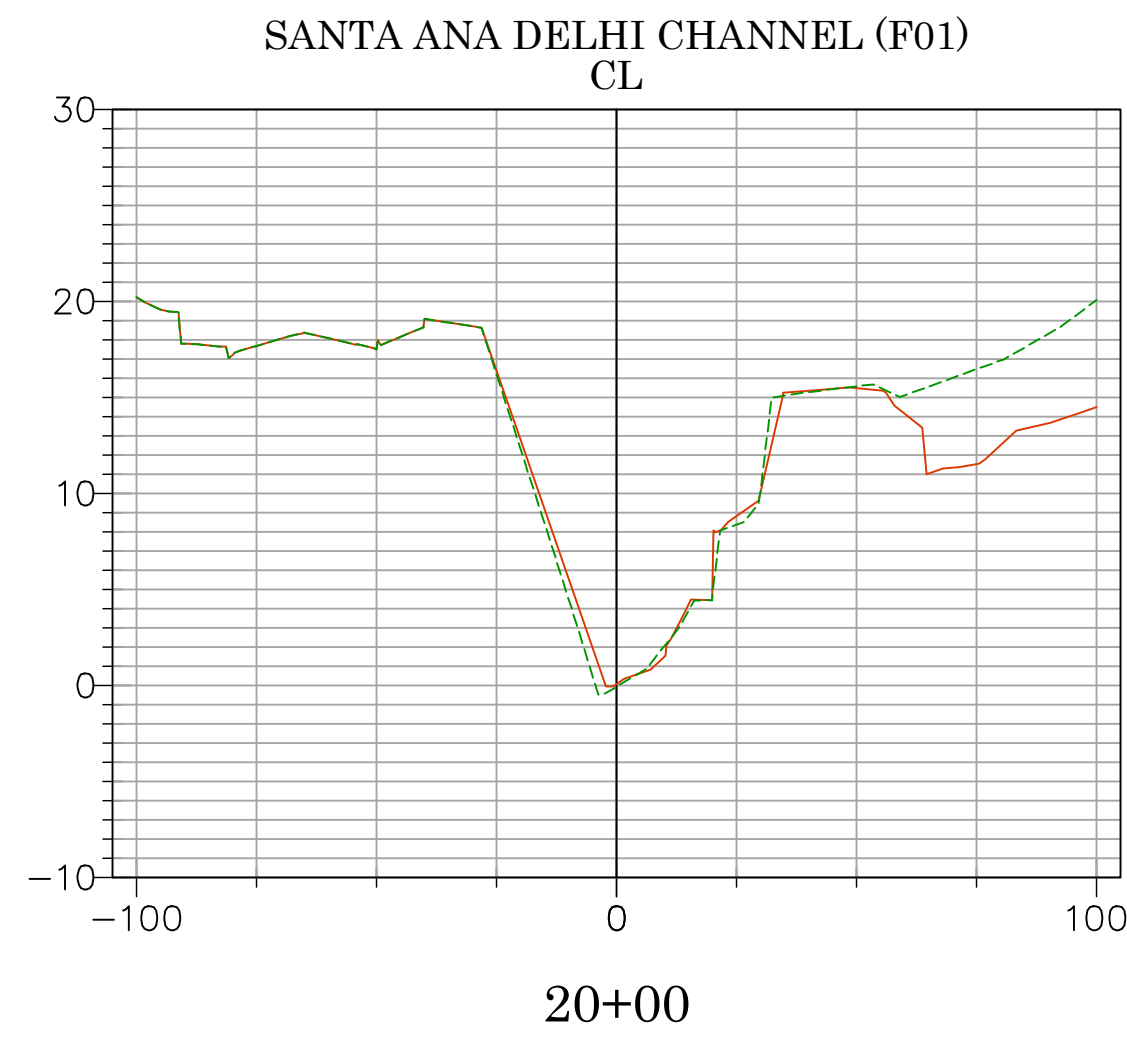
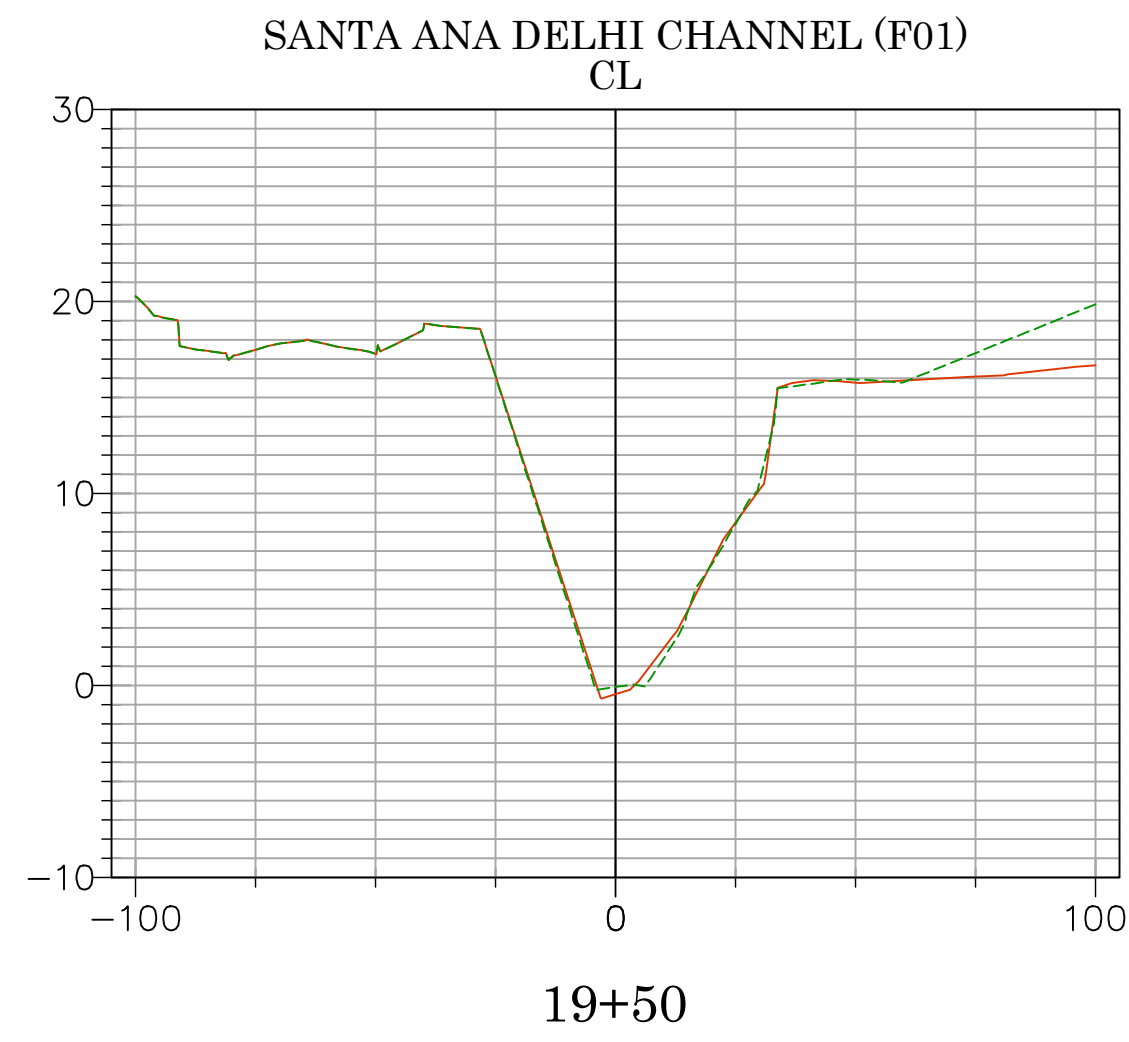
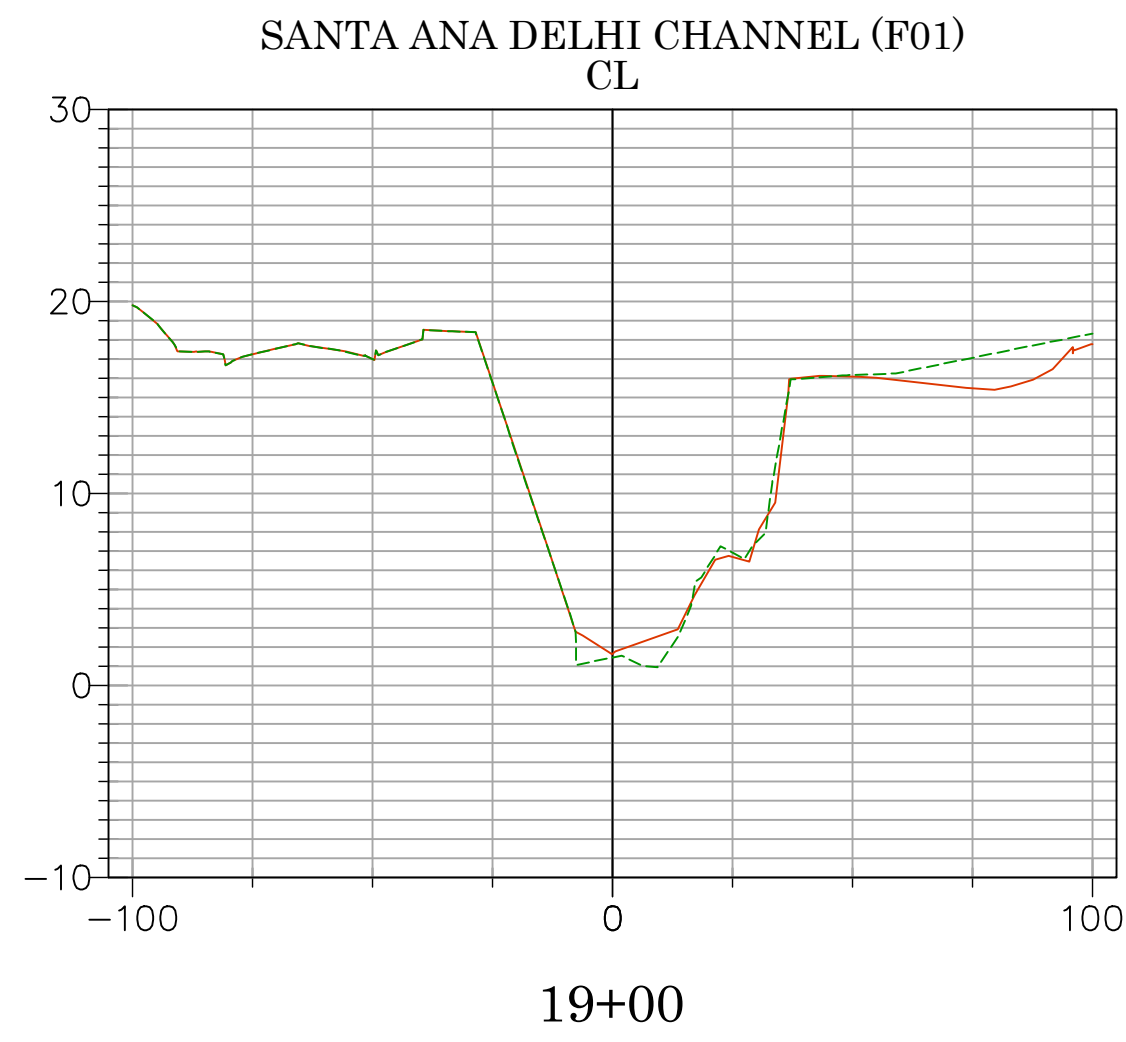
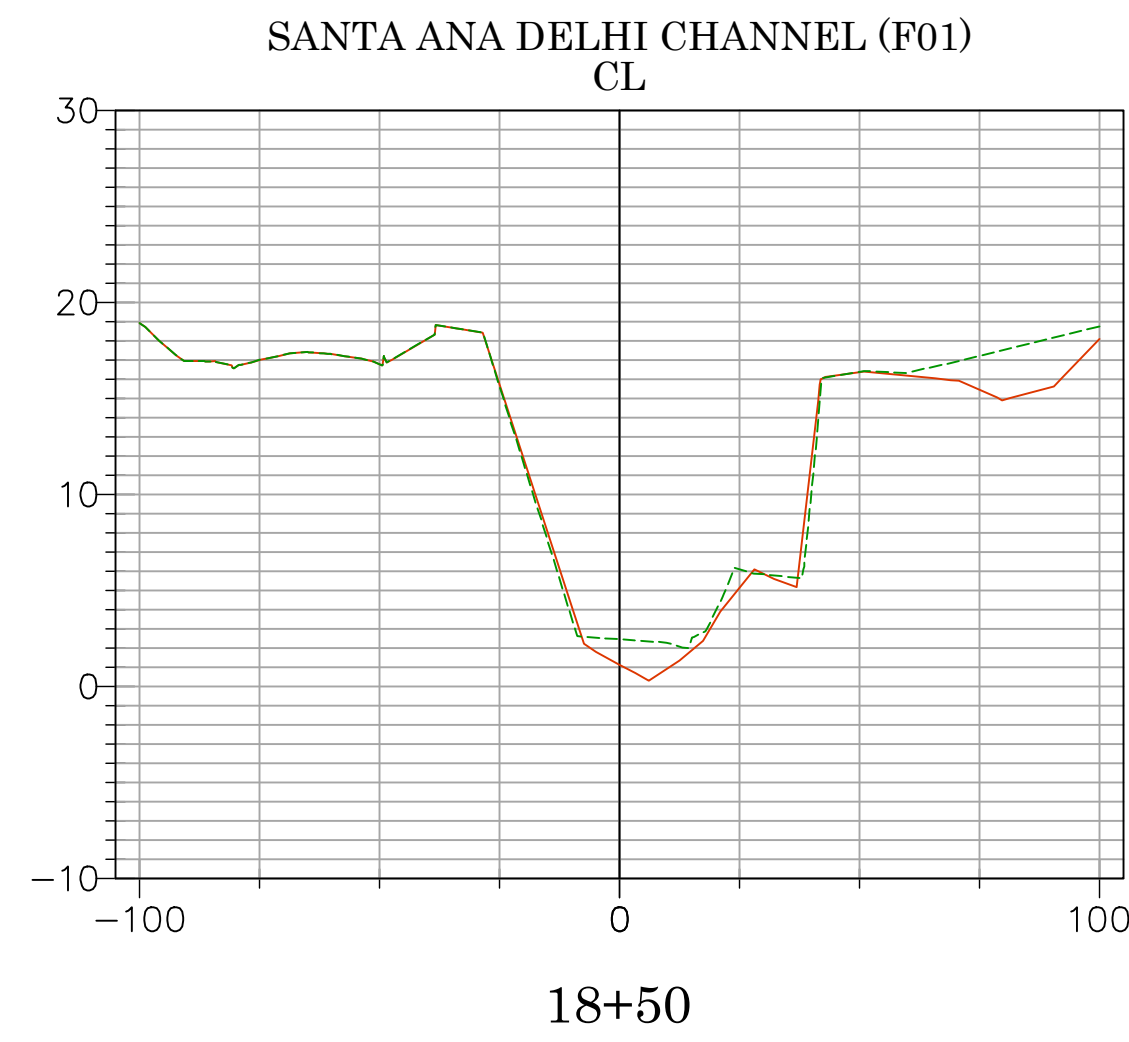
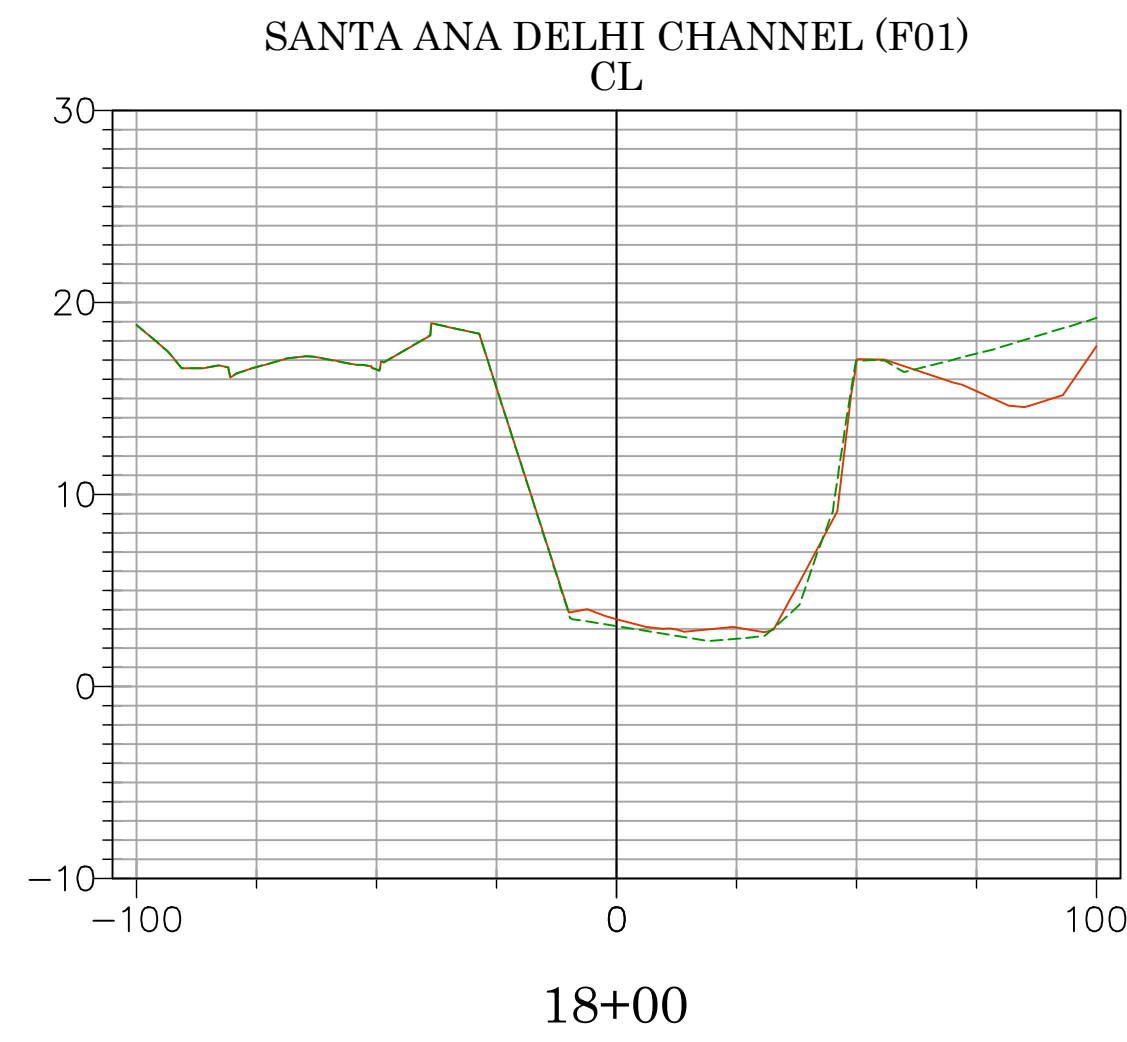
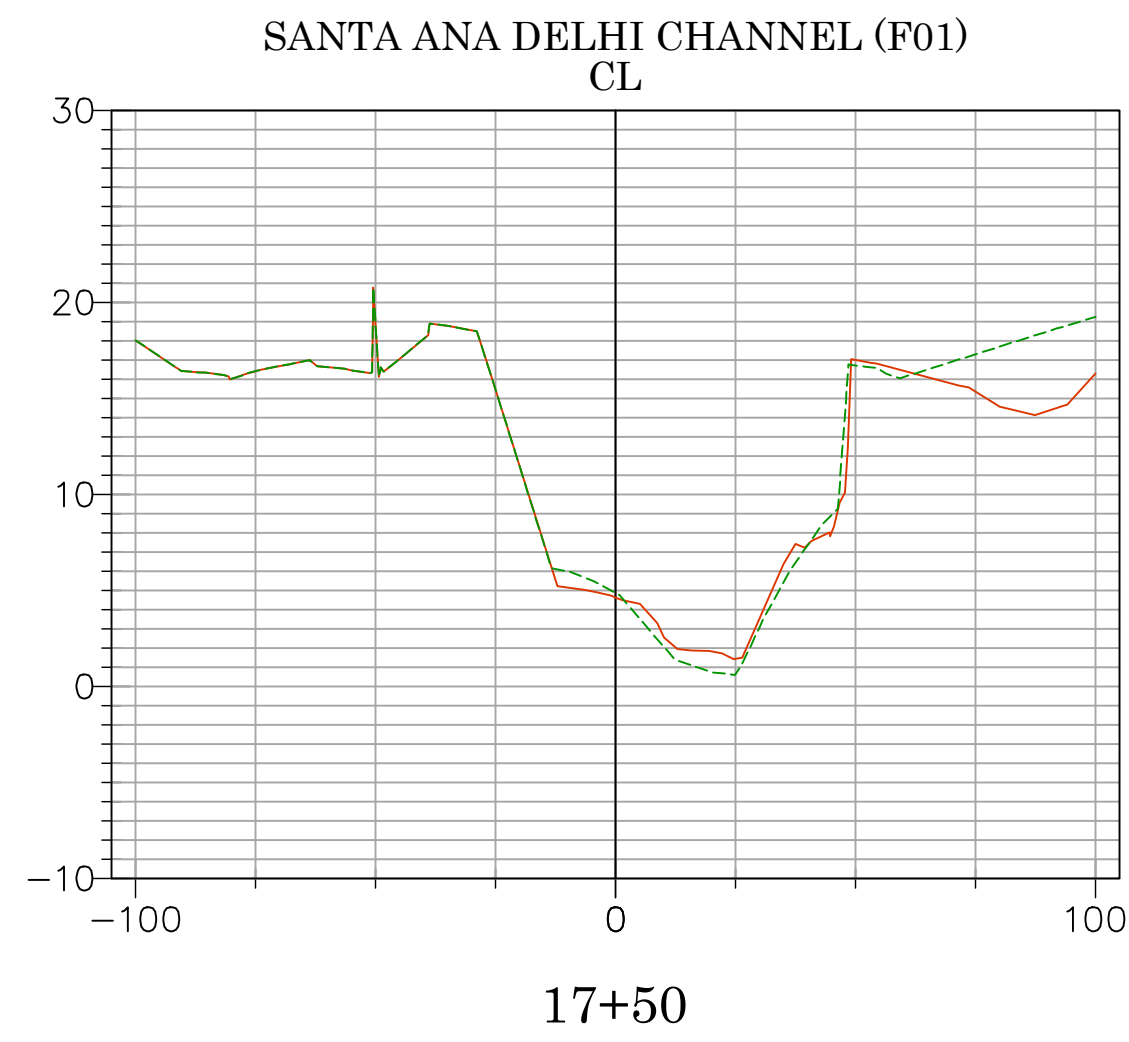
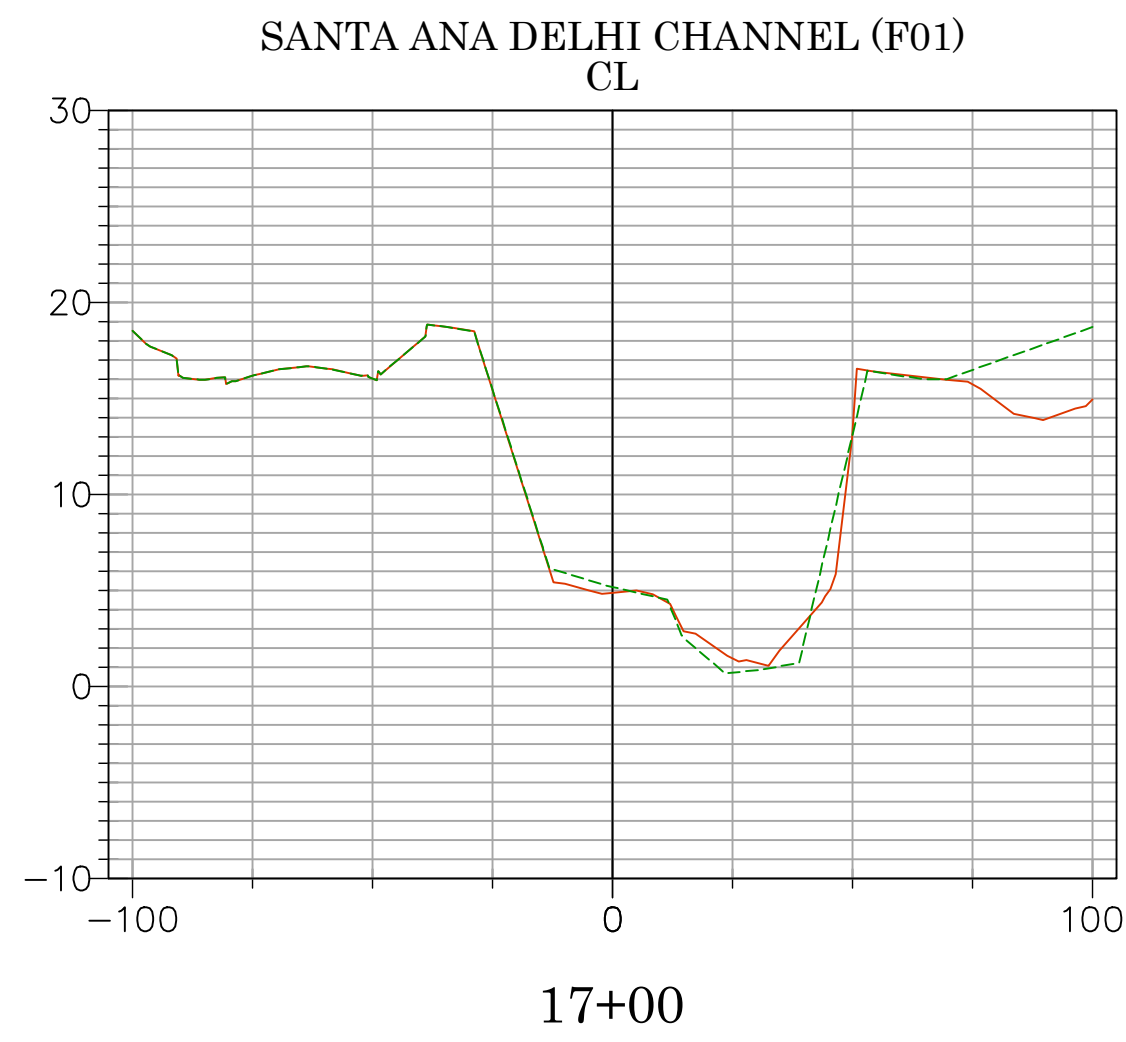


Vert. Scale: 1"=10'  
Hor. Scale: 1"=40'



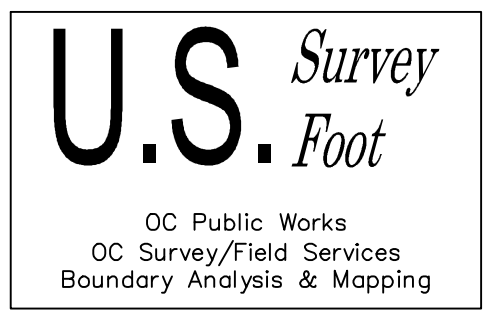
|           |          |                                                                                                                                                                                                               |  |                         |  |
|-----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------|--|
|           |          | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING                                                                                                                   |  |                         |  |
|           |          | SANTA ANA DELHI CHANNEL (F01)<br>TOPOGRAPHIC SURVEY                                                                                                                                                           |  |                         |  |
|           |          | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE<br>TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL                                                                                                            |  |                         |  |
|           |          | DATE OF SURVEY: 04/21/2020                                                                                                                                                                                    |  | BY: T. LOFGREEN & PARTY |  |
|           |          | BOUNDARY MAPPING                                                                                                                                                                                              |  | BY: H. AFTIM            |  |
|           |          | OFFICE CHECK                                                                                                                                                                                                  |  | BY: M. KUBISTY, PLS     |  |
|           |          | FIELD CHECK                                                                                                                                                                                                   |  | BY: T. LOFGREEN         |  |
|           |          | SCALE: 1"=60'                                                                                                                                                                                                 |  | W.O. # EF164045         |  |
|           |          | FILE: SANTA ANA DELHI CHANNEL (F01)_                                                                                                                                                                          |  | TOPO_2025.DWG           |  |
|           |          | SHEET NO.<br>18<br>of<br>23                                                                                                                                                                                   |  |                         |  |
| REVISIONS |          |                                                                                                                                                                                                               |  |                         |  |
| △         | 08/25/25 | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                                                      |  |                         |  |
| △         | 10/22/24 | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                                                           |  |                         |  |
| △         | 7/24/23  | ALIGNMENT LABEL UPDATE                                                                                                                                                                                        |  |                         |  |
| △         | 6/29/23  | UPDATING TEXT                                                                                                                                                                                                 |  |                         |  |
| △         | 7/12/22  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDING ENCUMBRANCE SHEET 8 |  |                         |  |
| △         | 5/19/22  |                                                                                                                                                                                                               |  |                         |  |
| MARK      | DATE     | ITEM                                                                                                                                                                                                          |  |                         |  |





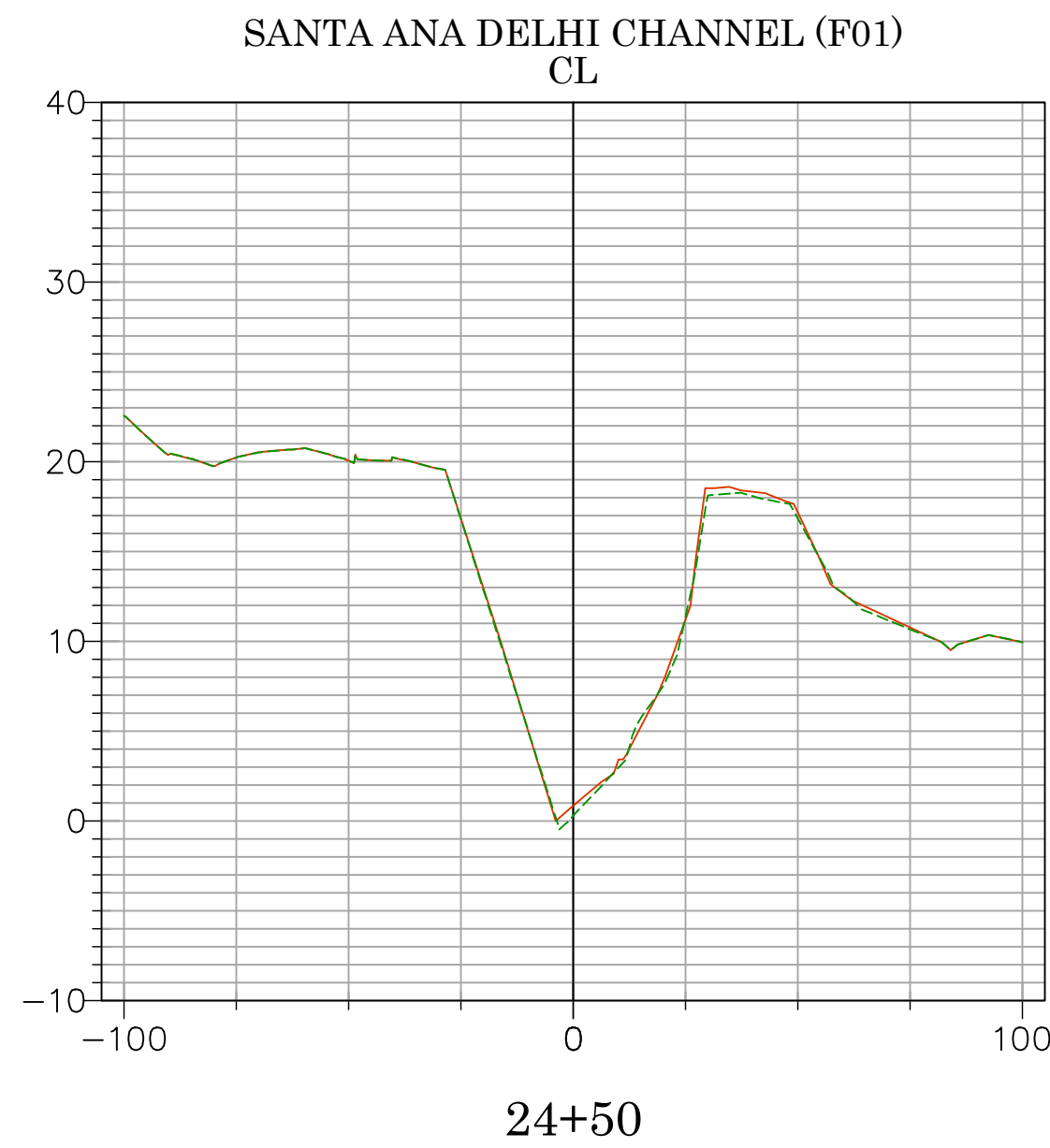
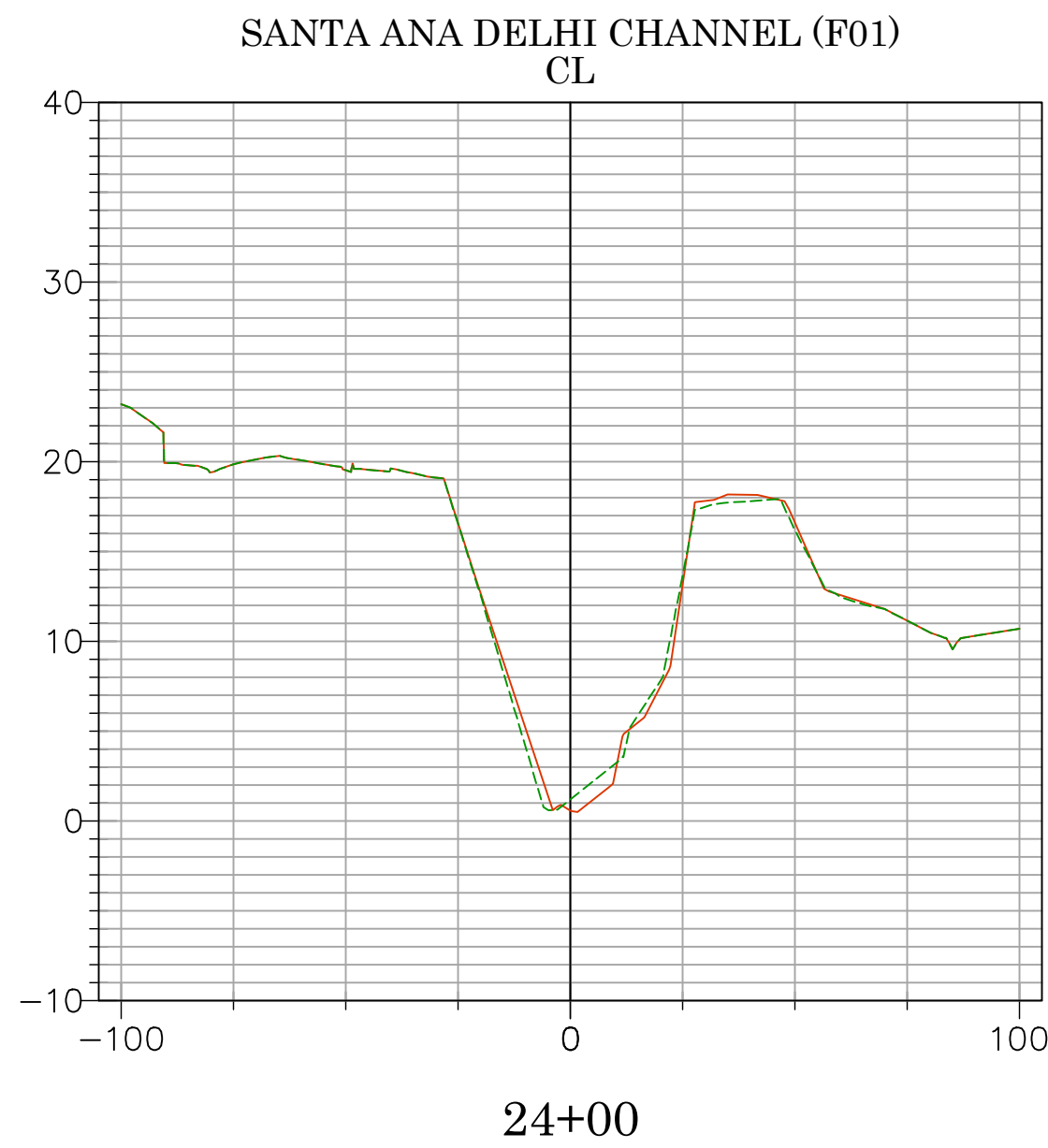
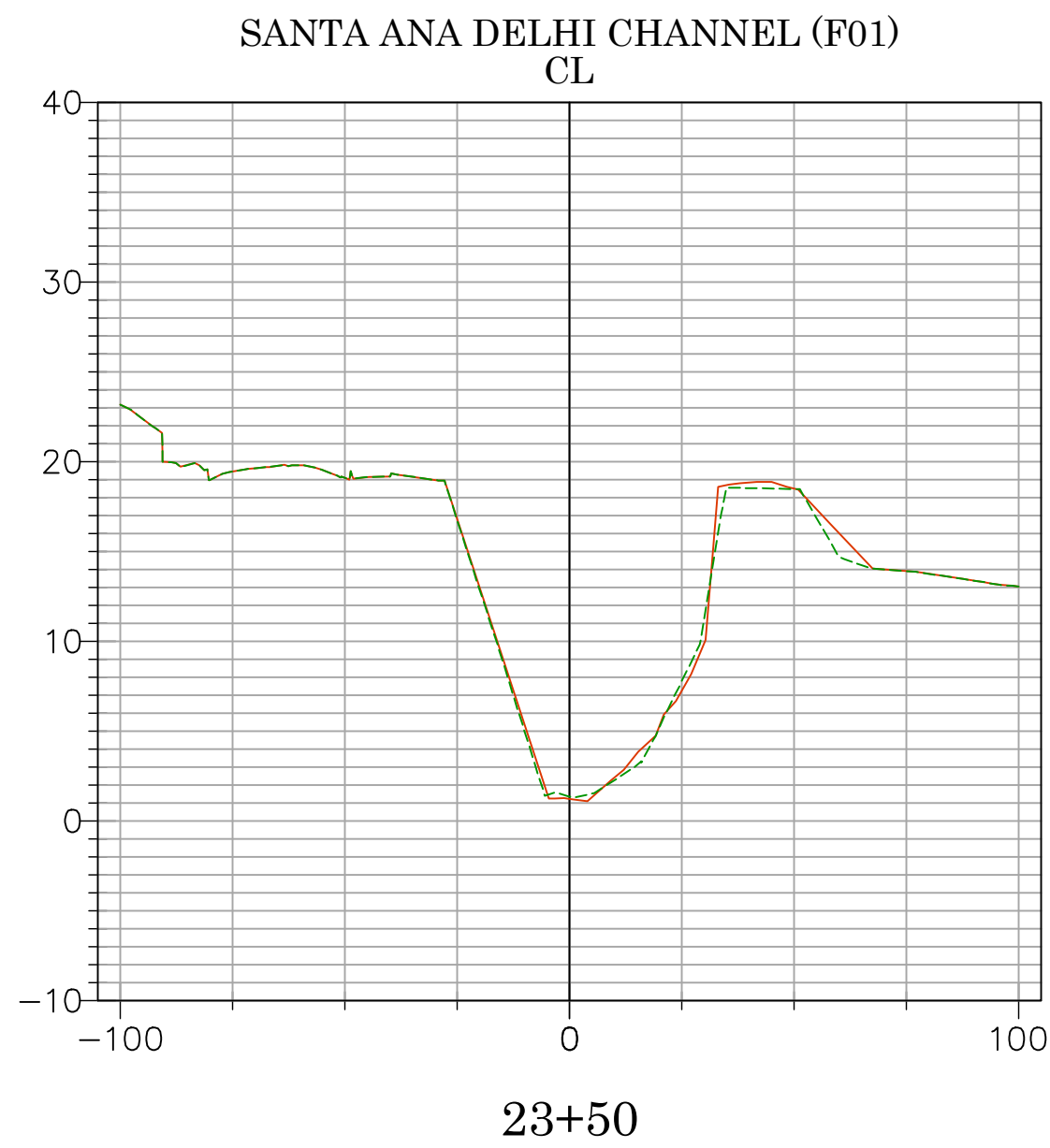
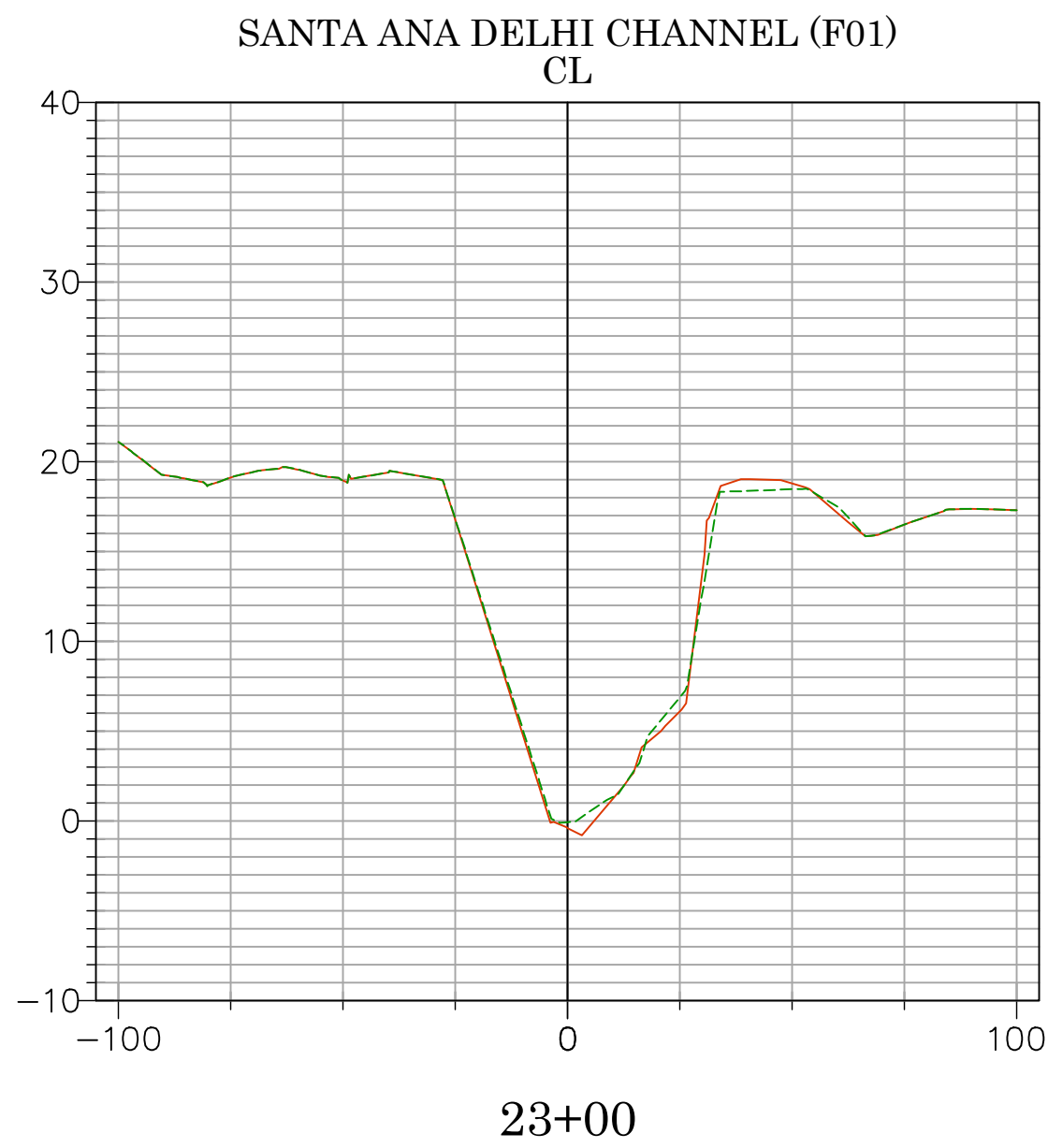
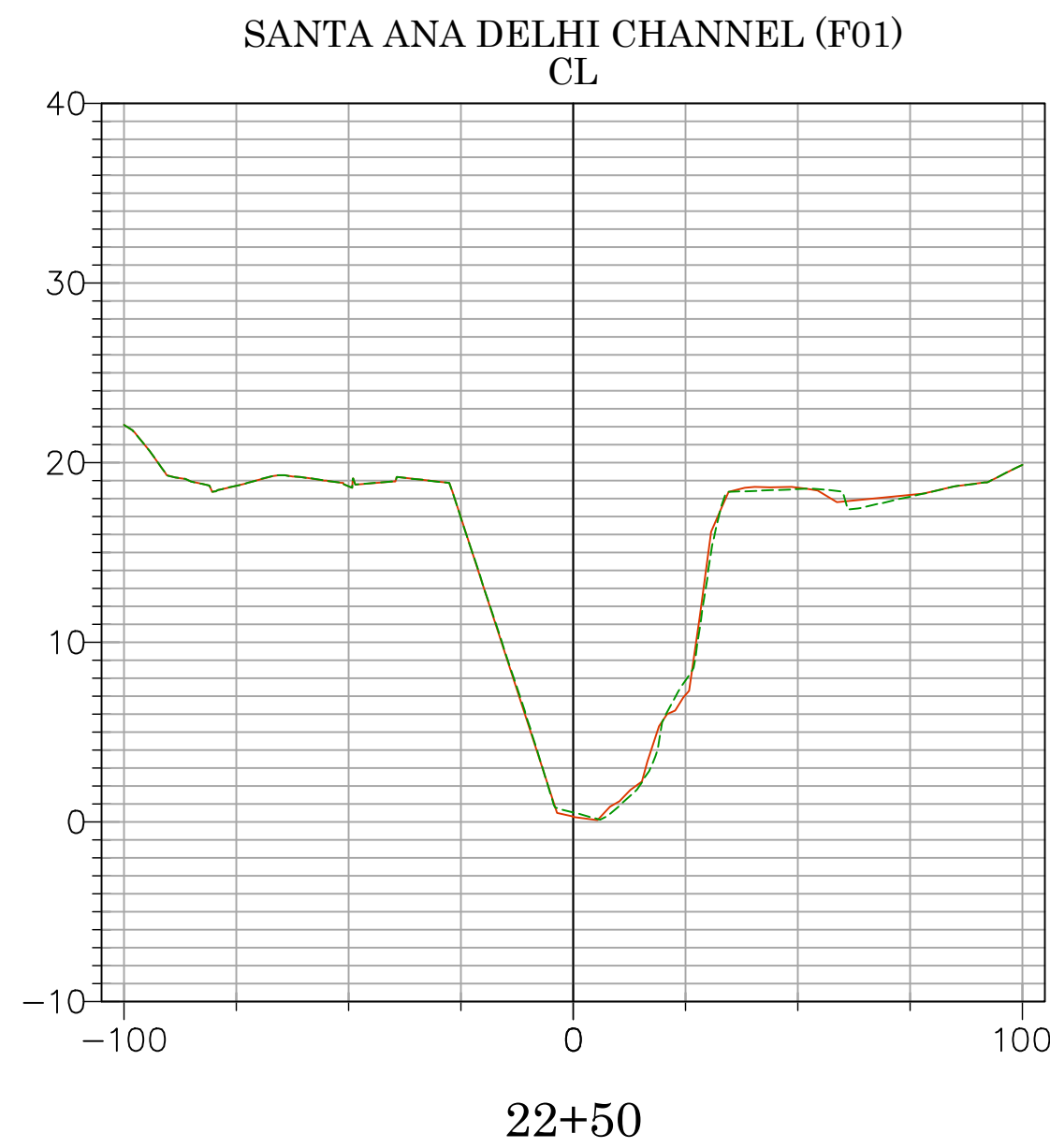
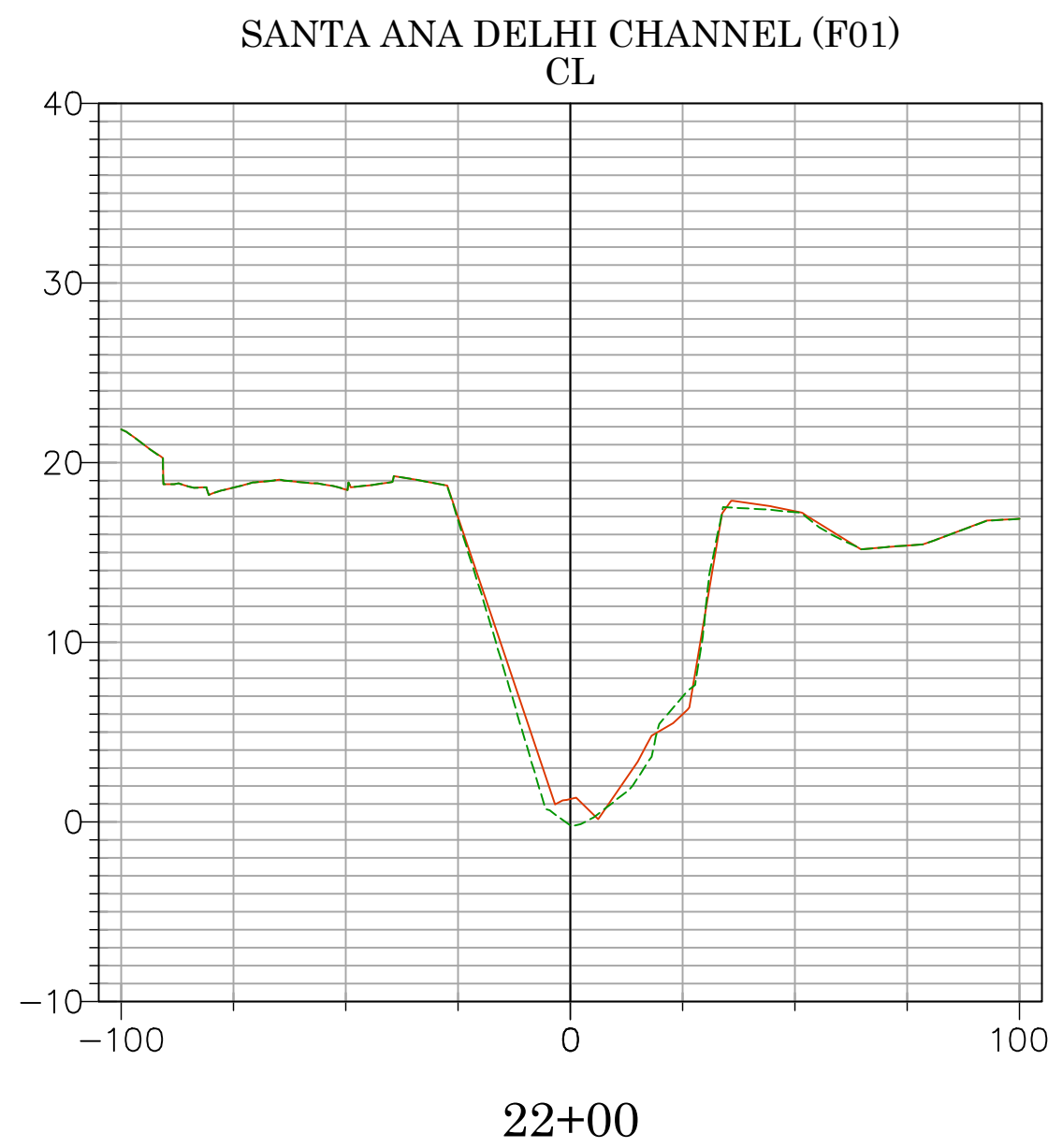
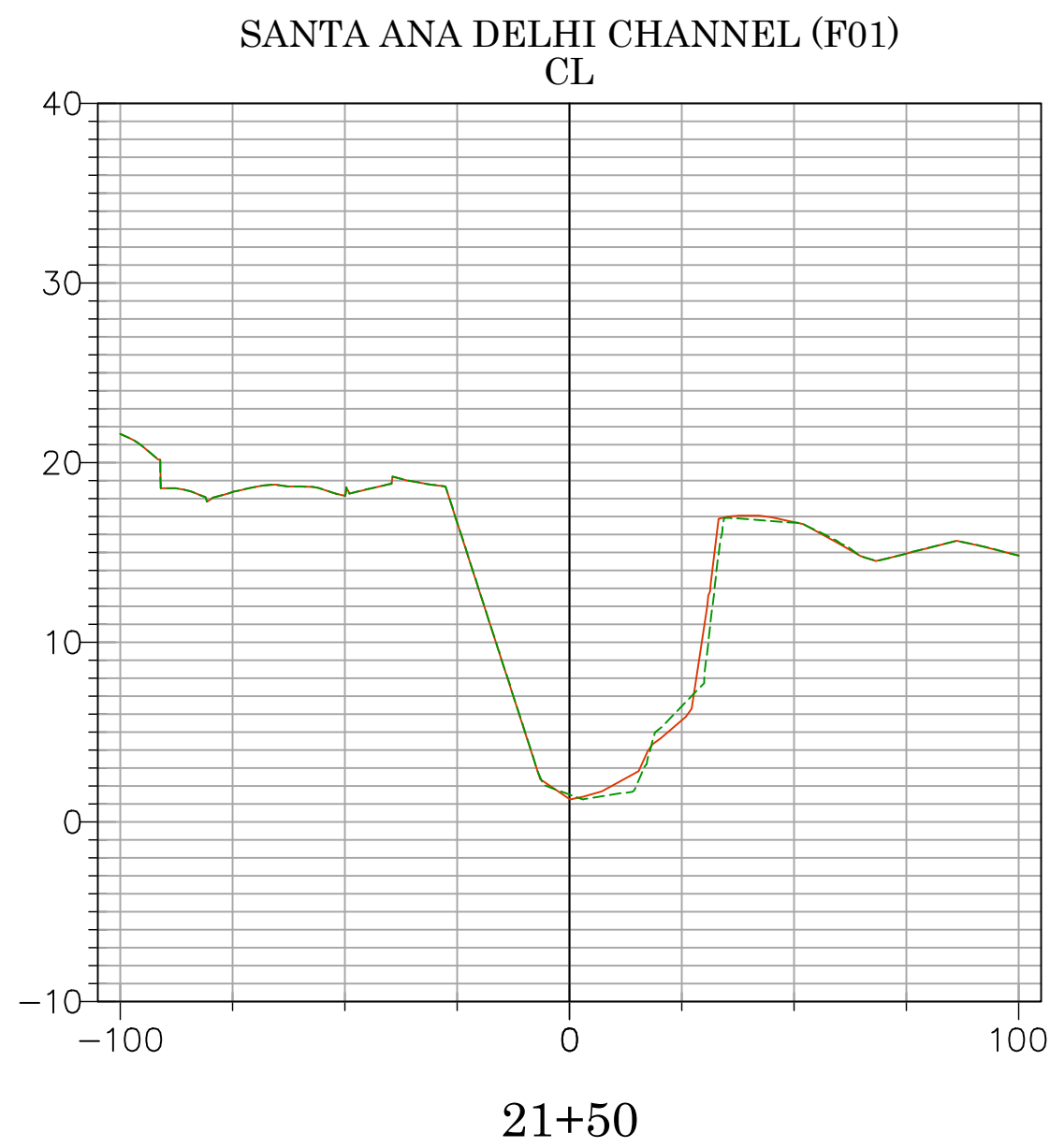
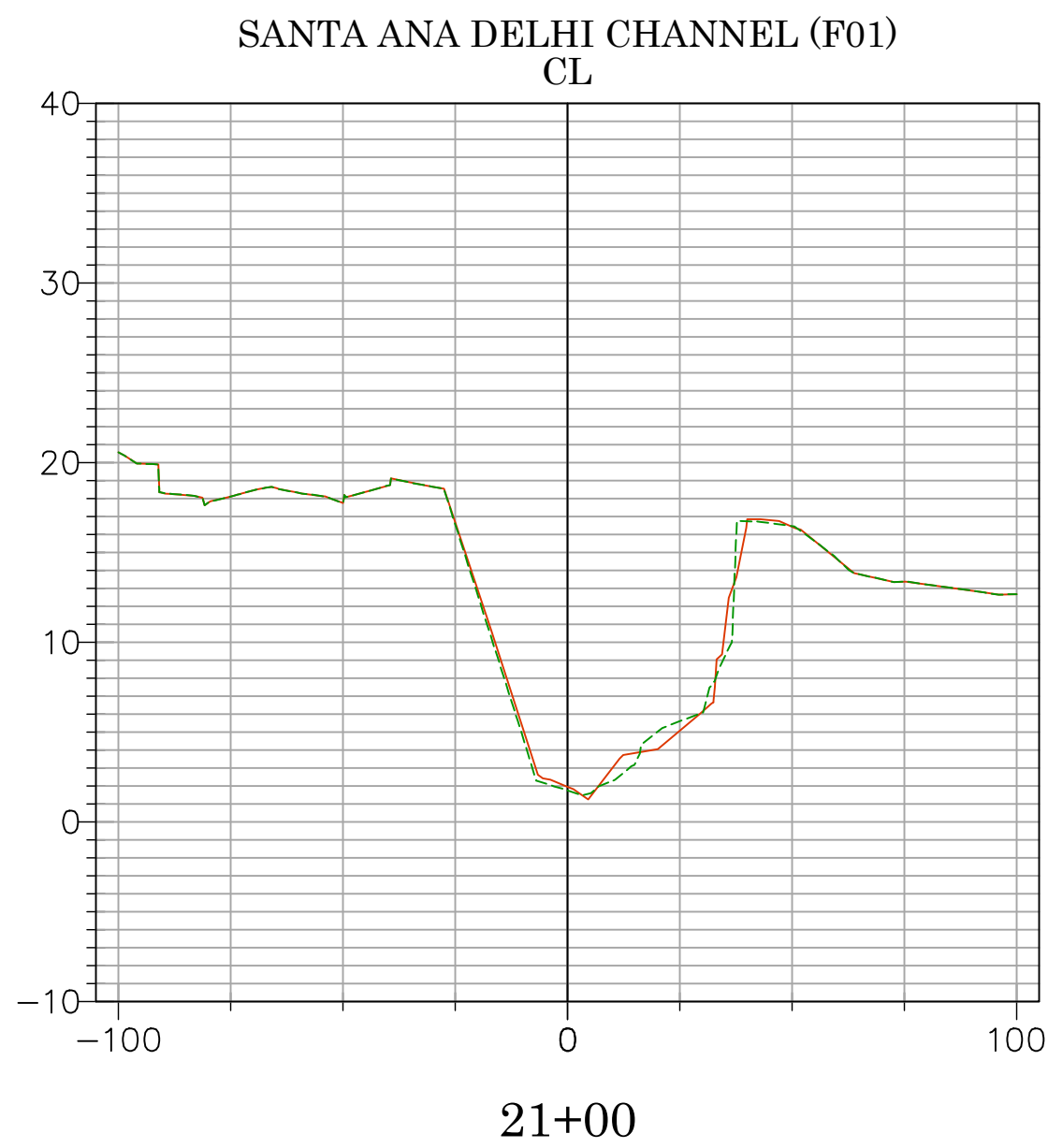
2025 UPDATED TOPO  
2020 ORIGINAL SURFACE  
DATE PREPARED: 09/17/2025

Vert. Scale: 1"=10'  
Hor. Scale: 1"=40'



|          |  |                                                                                                                                                                                                               |                                                                                                  |  |
|----------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--|
| 08/25/25 |  | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                                                      | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING      |  |
| 10/22/24 |  | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                                                           | SANTA ANA DELHI CHANNEL (F01)<br>TOPOGRAPHIC SURVEY                                              |  |
| 7/24/23  |  | ALIGNMENT LABEL UPDATE                                                                                                                                                                                        | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL. |  |
| 6/29/23  |  | UPDATING TEXT                                                                                                                                                                                                 | DATE OF SURVEY: 04/21/2020                                                                       |  |
| 7/12/22  |  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDING ENCUMBRANCE SHEET 8 | BY: T. LOFGREEN & PARTY                                                                          |  |
| 5/19/22  |  |                                                                                                                                                                                                               | BY: H. AFTIM                                                                                     |  |
|          |  |                                                                                                                                                                                                               | BY: M. KUBISTY, PLS                                                                              |  |
|          |  |                                                                                                                                                                                                               | BY: T. LOFGREEN                                                                                  |  |
|          |  |                                                                                                                                                                                                               | OFFICE CHECK                                                                                     |  |
|          |  |                                                                                                                                                                                                               | FIELD CHECK                                                                                      |  |
|          |  |                                                                                                                                                                                                               | SCALE: 1"=60'                                                                                    |  |
|          |  |                                                                                                                                                                                                               | W.O. # EF164045                                                                                  |  |
|          |  |                                                                                                                                                                                                               | FILE NO. 1920PW-IN0016                                                                           |  |
|          |  |                                                                                                                                                                                                               | FILE: SANTA ANA DELHI CHANNEL (F01)_TOPO_2025.DWG                                                |  |





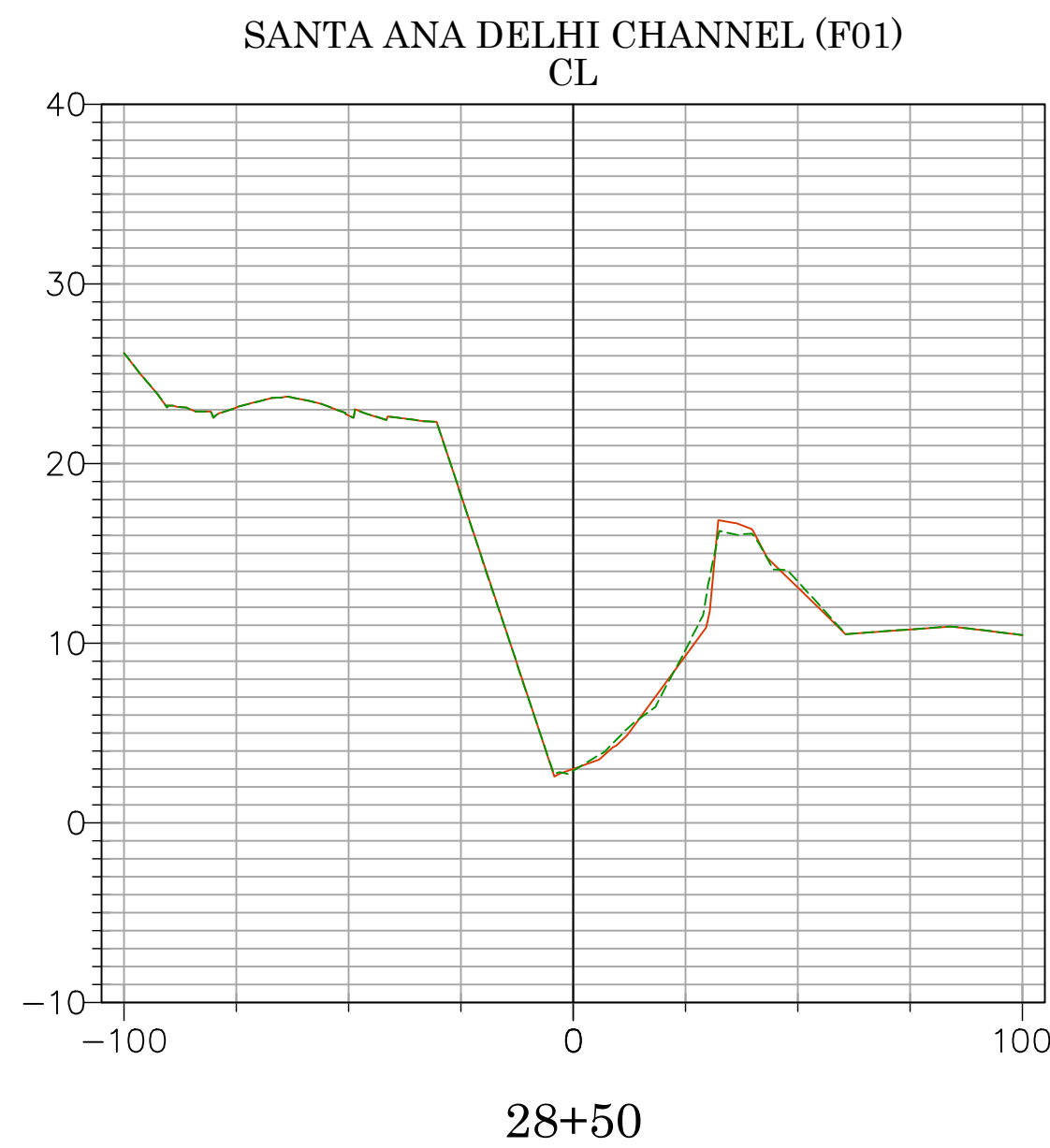
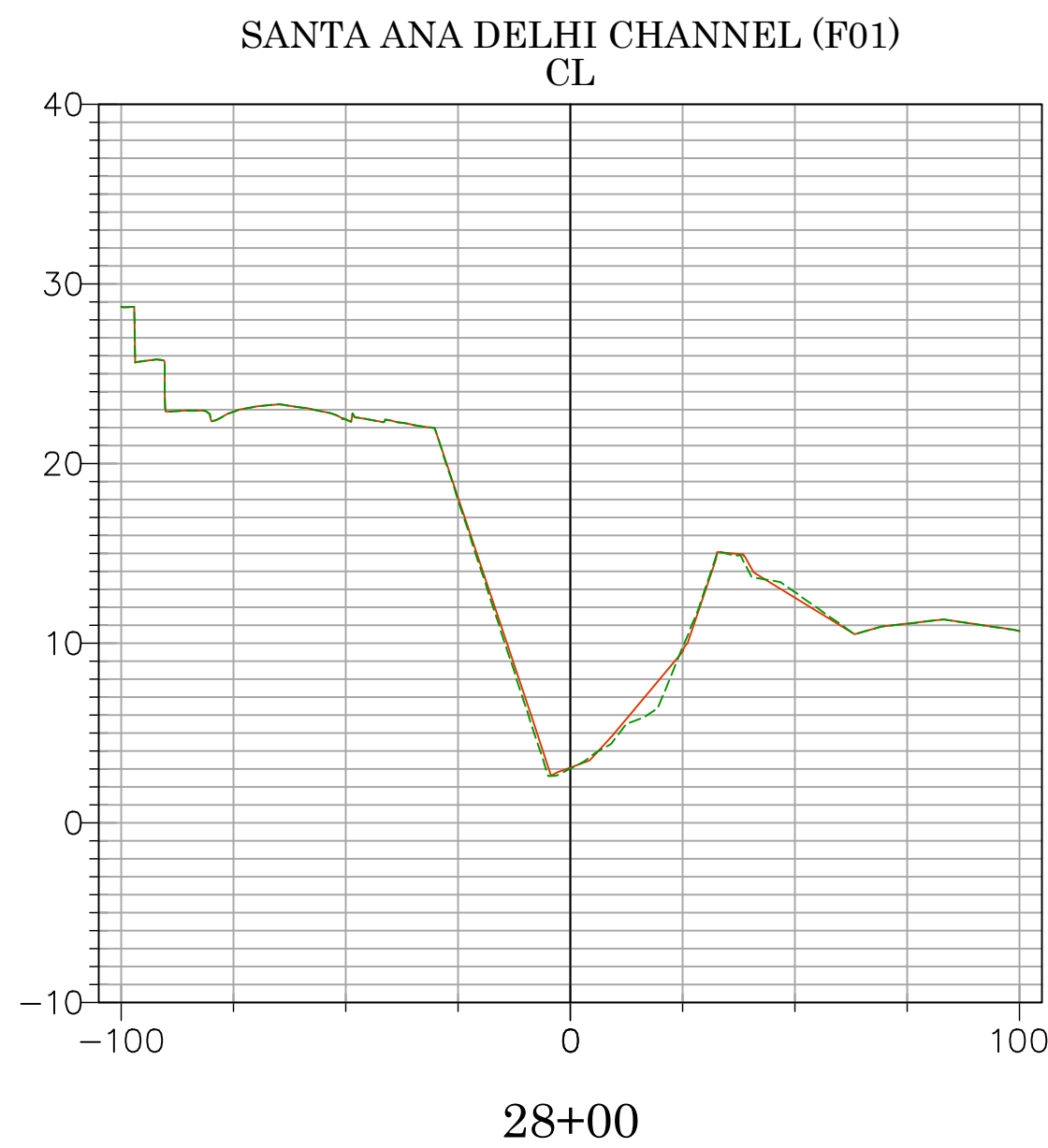
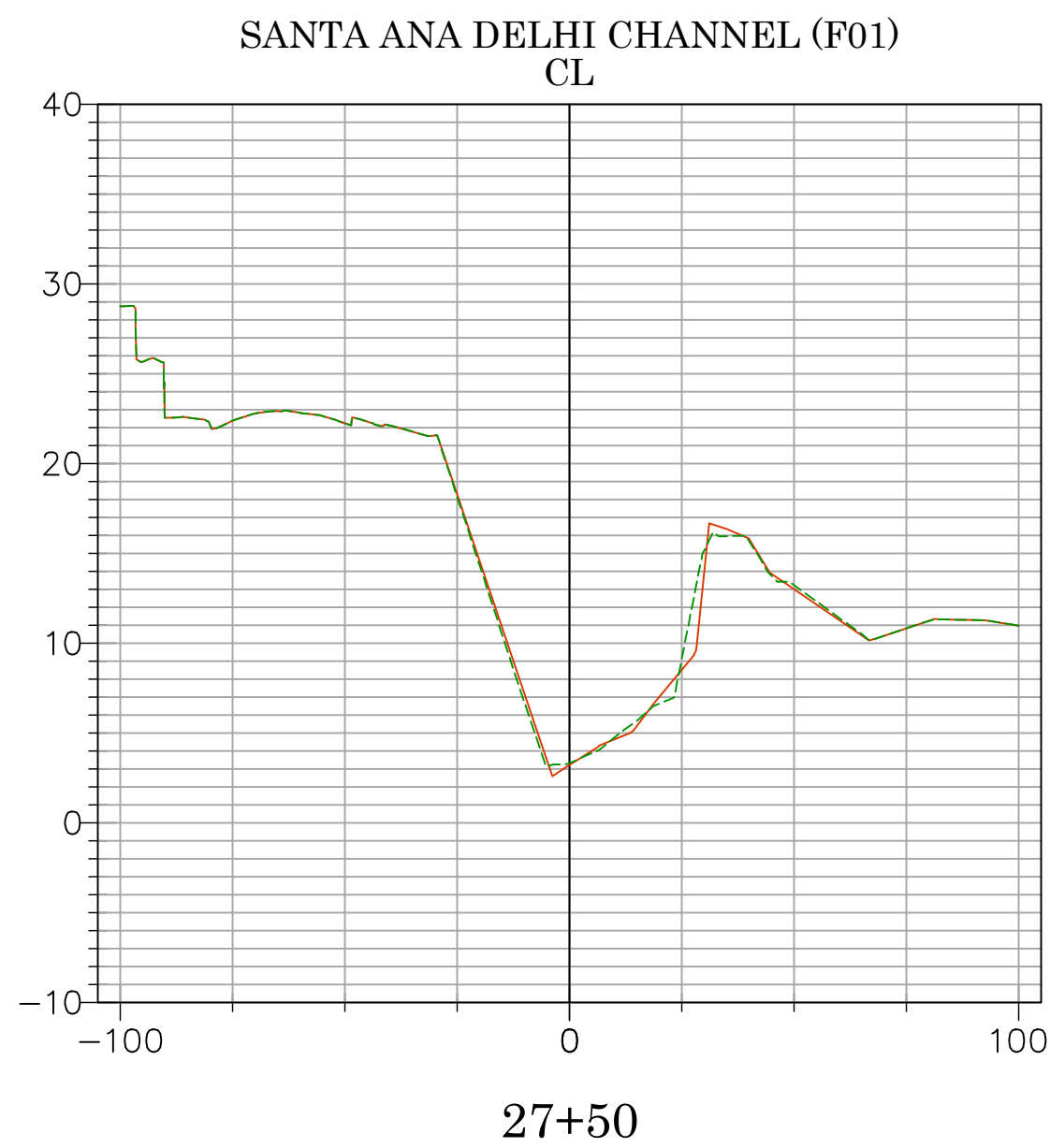
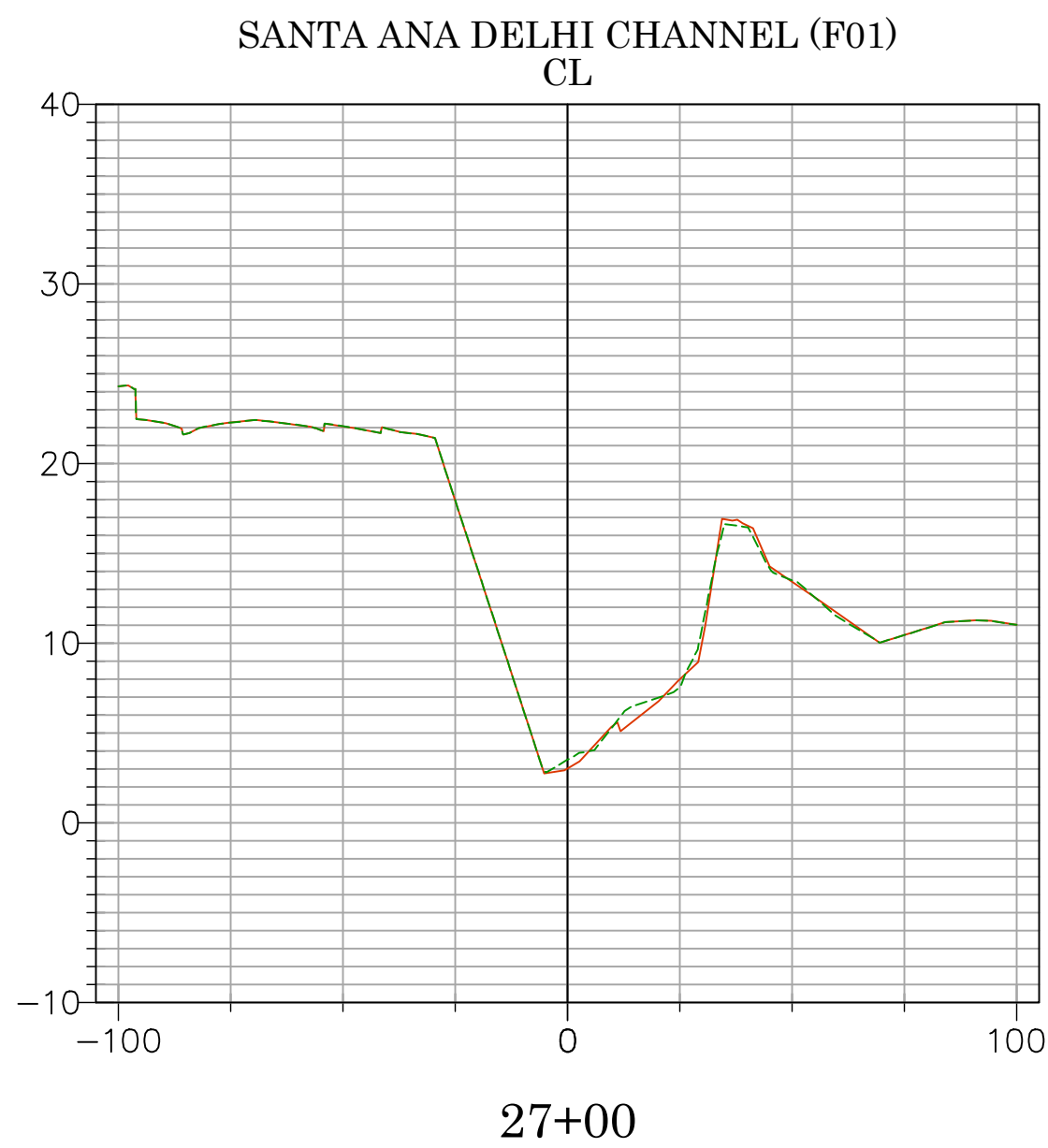
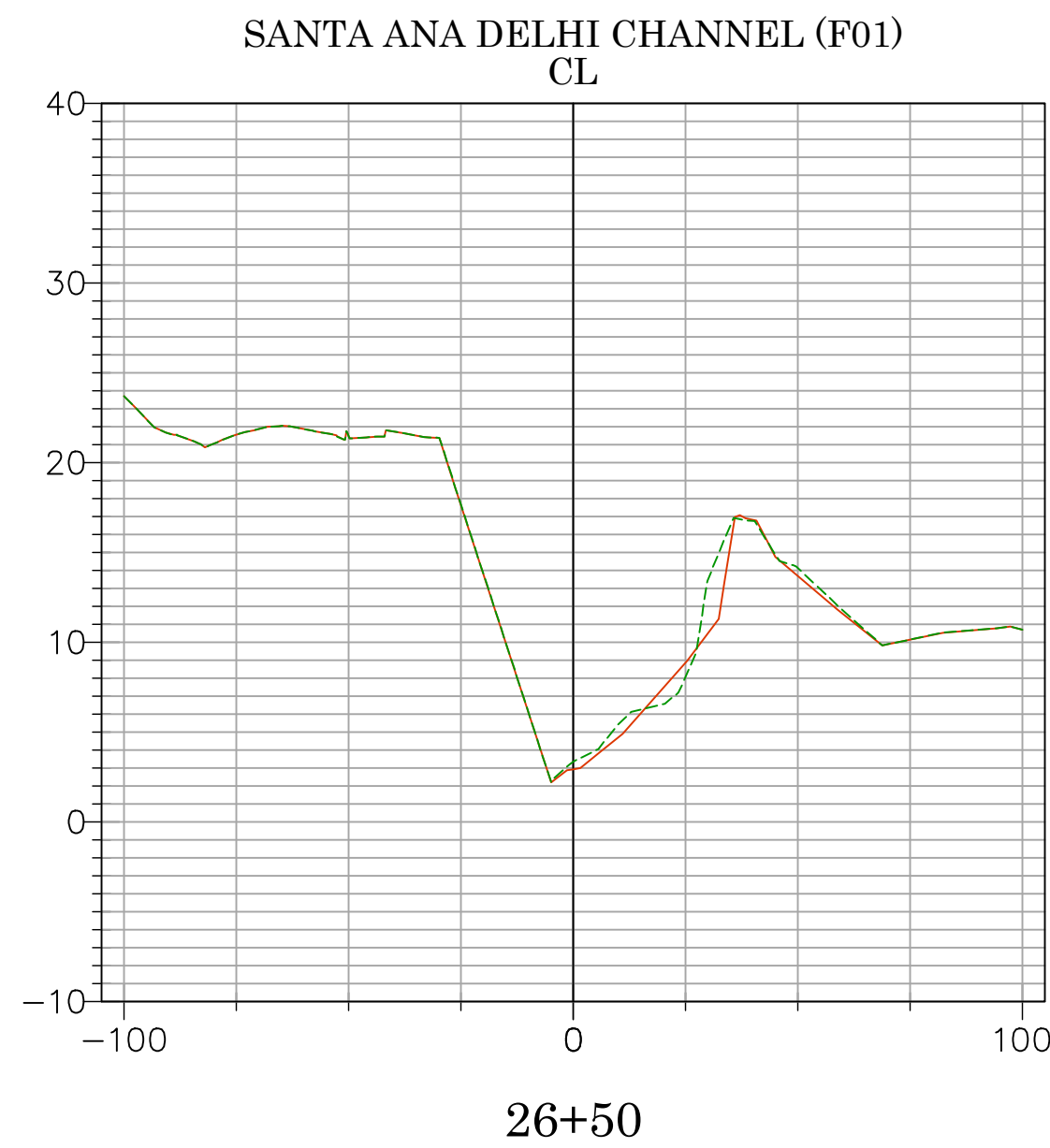
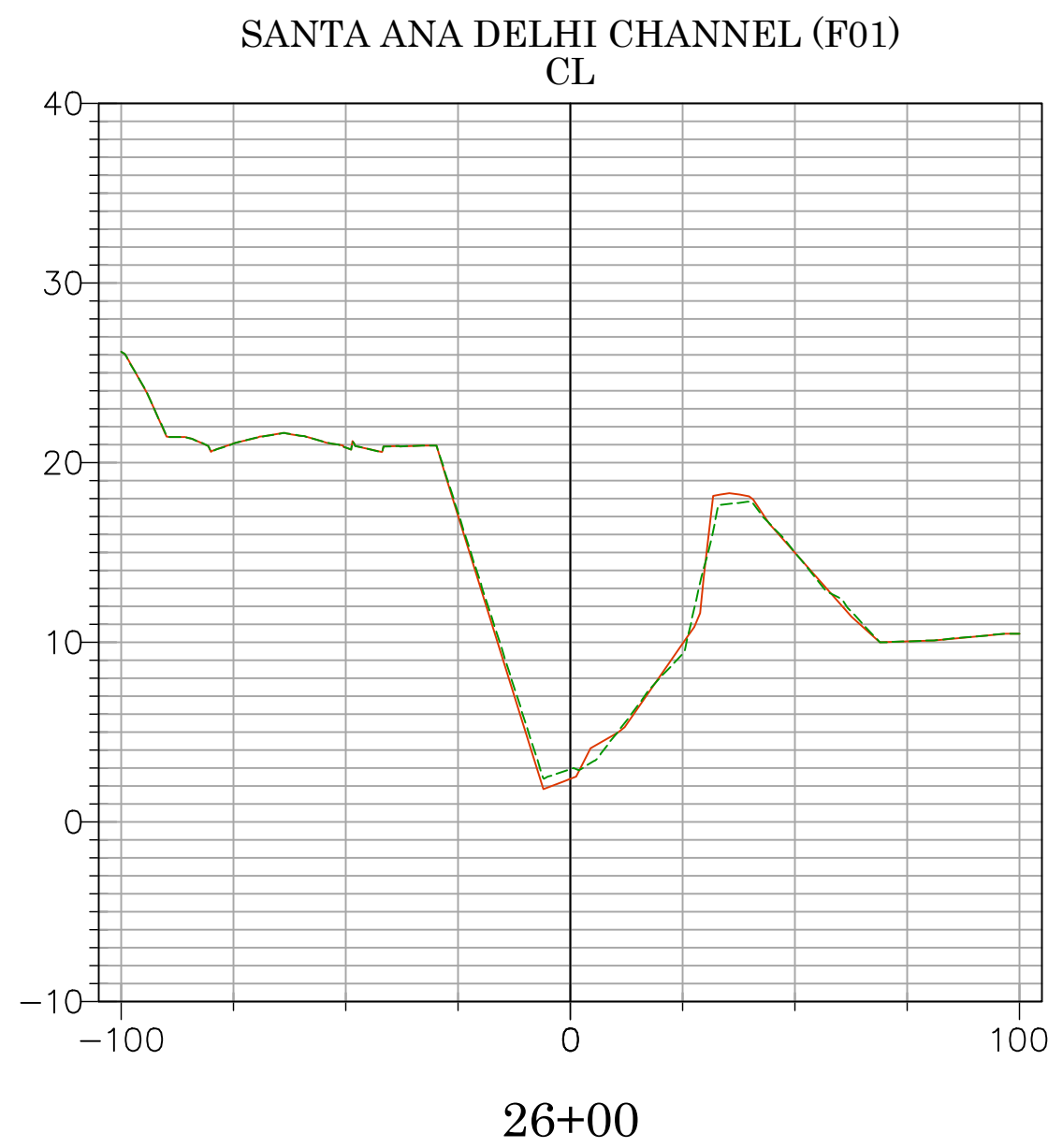
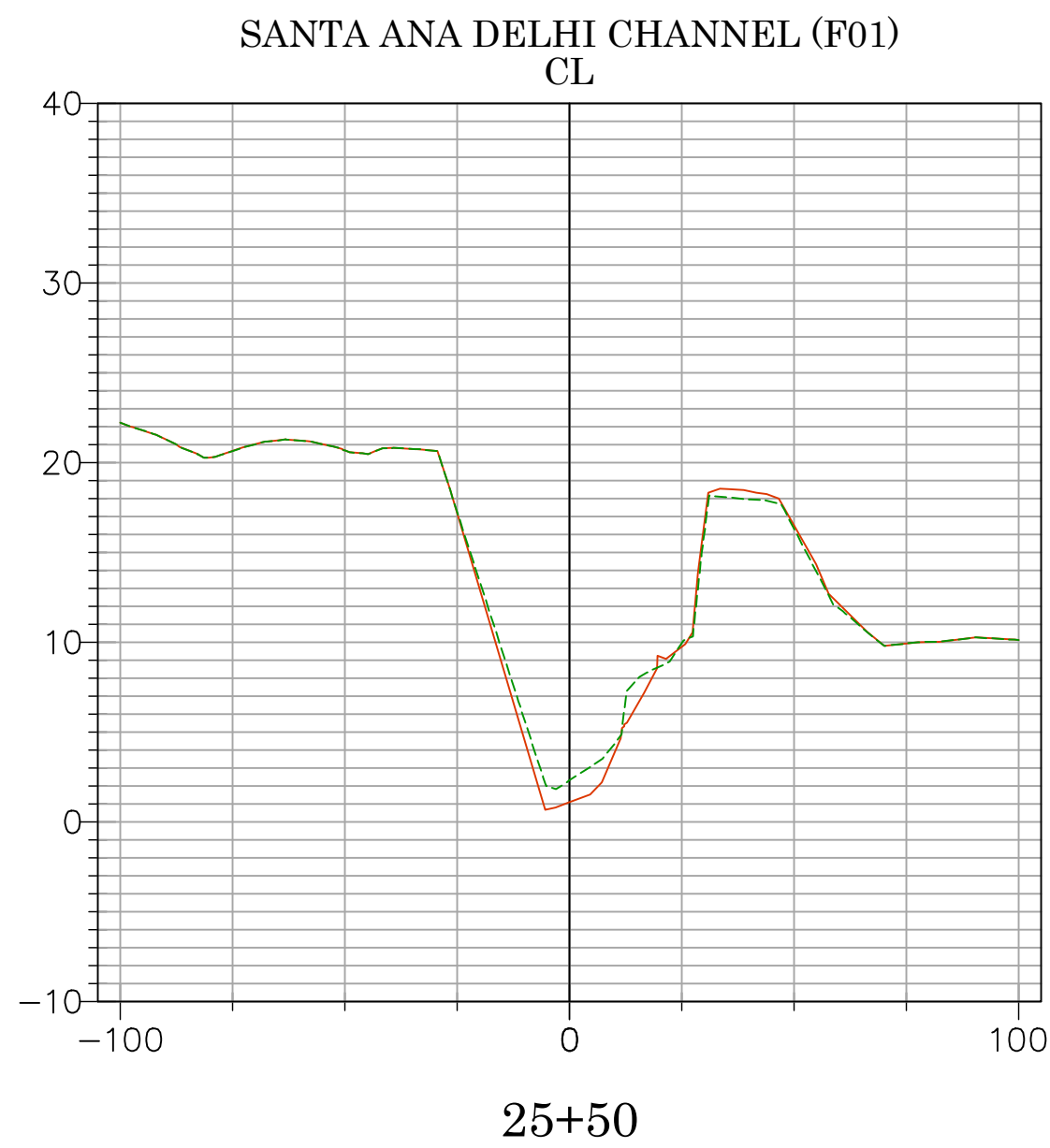
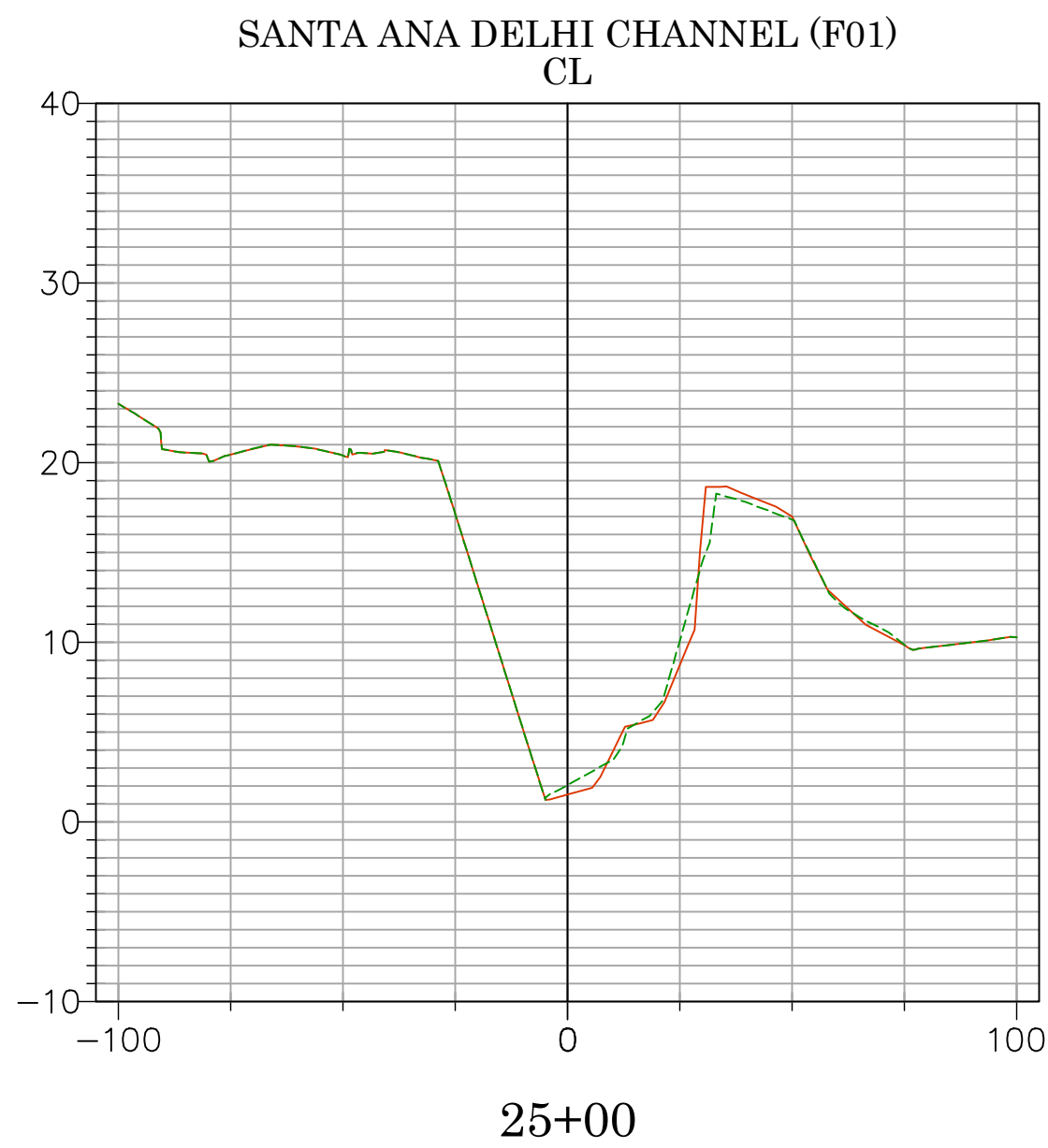
2025 UPDATED TOPO  
2020 ORIGINAL SURFACE  
DATE PREPARED: 09/17/2025

Vert. Scale: 1"=10'  
Hor. Scale: 1"=40'

**U.S. Survey**  
OC Public Works  
OC Survey/Field Services  
Boundary Analysis & Mapping

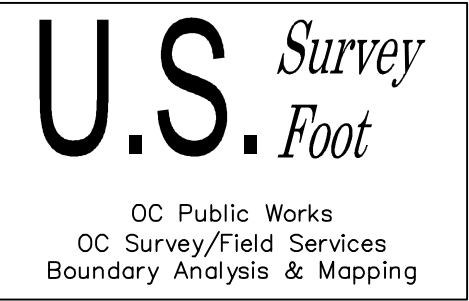
|          |  |                                                                                                                                                                                                               |                                                                                                  |  |
|----------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--|
| 08/25/25 |  | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                                                      | COUNTY OF ORANGE<br>OC PUBLIC WORKS                                                              |  |
| 10/22/24 |  | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                                                           | OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING                                             |  |
| 7/24/23  |  | ALIGNMENT LABEL UPDATE                                                                                                                                                                                        | <b>SANTA ANA DELHI CHANNEL (F01)<br/>TOPOGRAPHIC SURVEY</b>                                      |  |
| 6/29/23  |  | UPDATING TEXT                                                                                                                                                                                                 | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL. |  |
| 7/12/22  |  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDING ENCUMBRANCE SHEET 8 | DATE OF SURVEY: 04/21/2020                                                                       |  |
| 5/19/22  |  | OFFICE CHECK                                                                                                                                                                                                  | BY: T. LOFGREEN & PARTY                                                                          |  |
| MARK     |  | DATE                                                                                                                                                                                                          | BY: H. AFTIM                                                                                     |  |
|          |  | ITEM                                                                                                                                                                                                          | BY: M. KUBISTY, PLS                                                                              |  |
|          |  |                                                                                                                                                                                                               | BY: T. LOFGREEN                                                                                  |  |
|          |  |                                                                                                                                                                                                               | SCALE: 1"=60'                                                                                    |  |
|          |  |                                                                                                                                                                                                               | W.O. # EF164045                                                                                  |  |
|          |  |                                                                                                                                                                                                               | FILE NO. 1920PW-IN0016                                                                           |  |
|          |  |                                                                                                                                                                                                               | FILE: SANTA ANA DELHI CHANNEL (F01)_TOPO_2025.DWG                                                |  |
|          |  | REVISIONS                                                                                                                                                                                                     | SHEET NO. 20 of 23                                                                               |  |





2025 UPDATED TOPO  
2020 ORIGINAL SURFACE  
DATE PREPARED: 09/17/2025

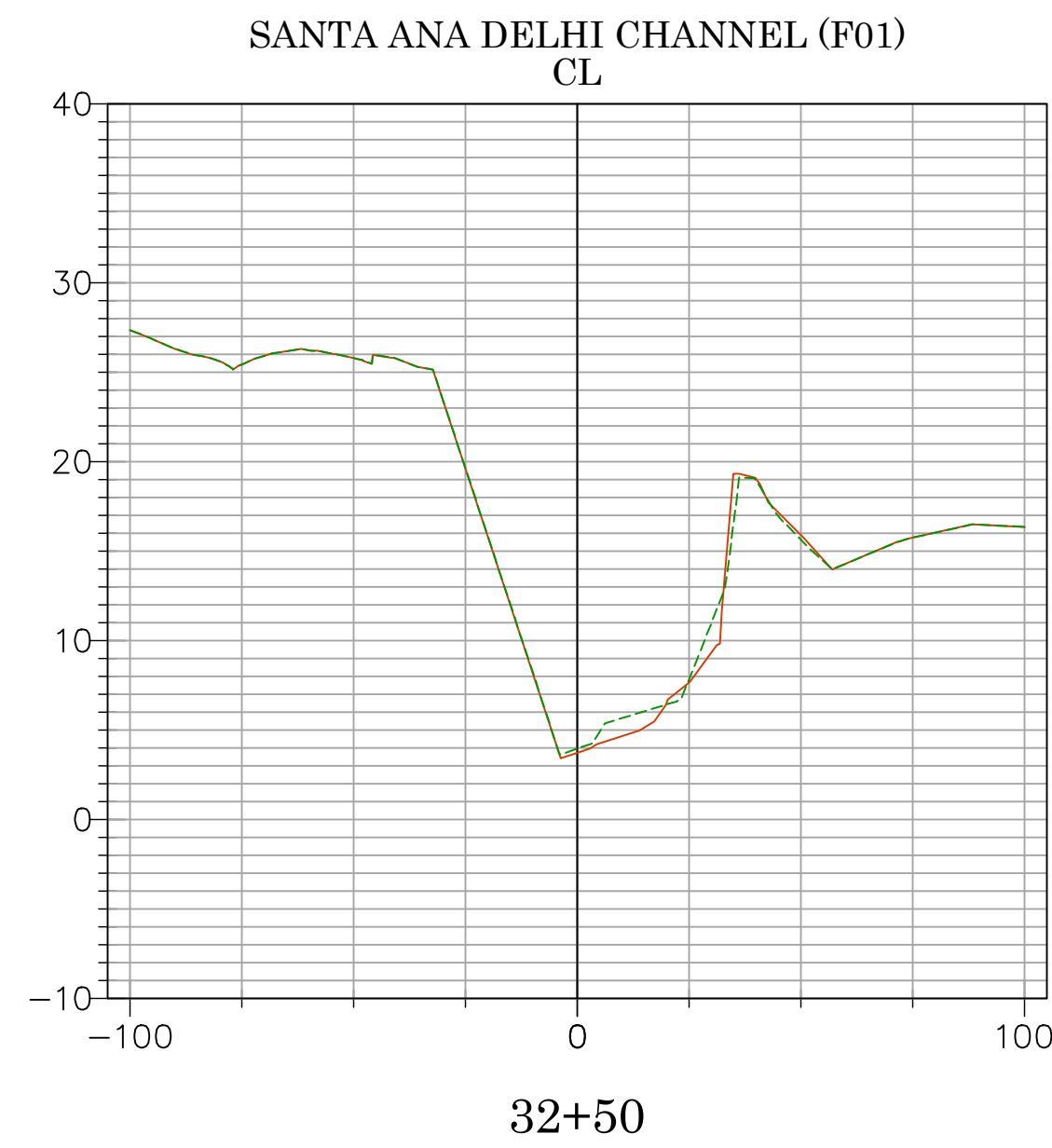
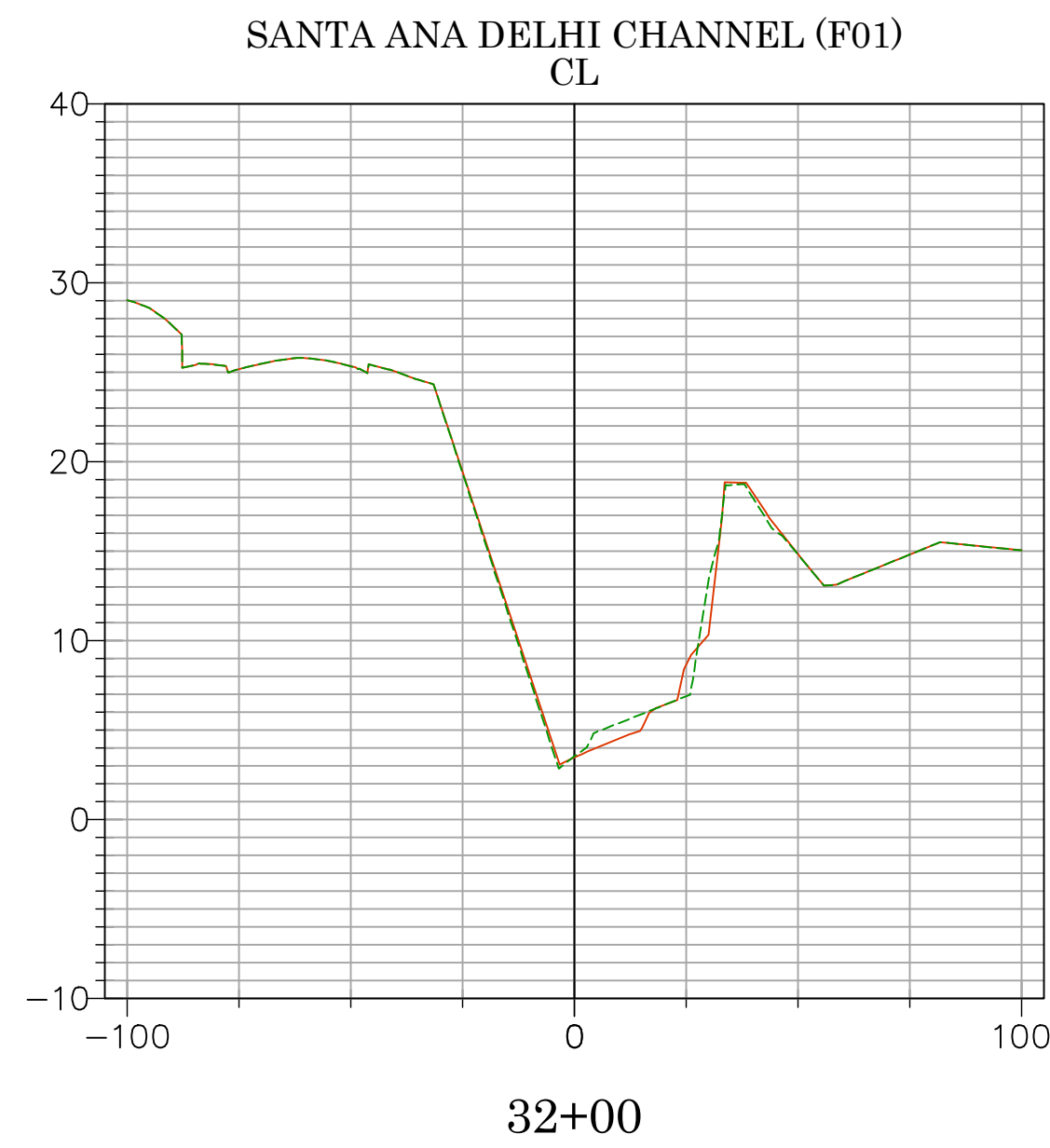
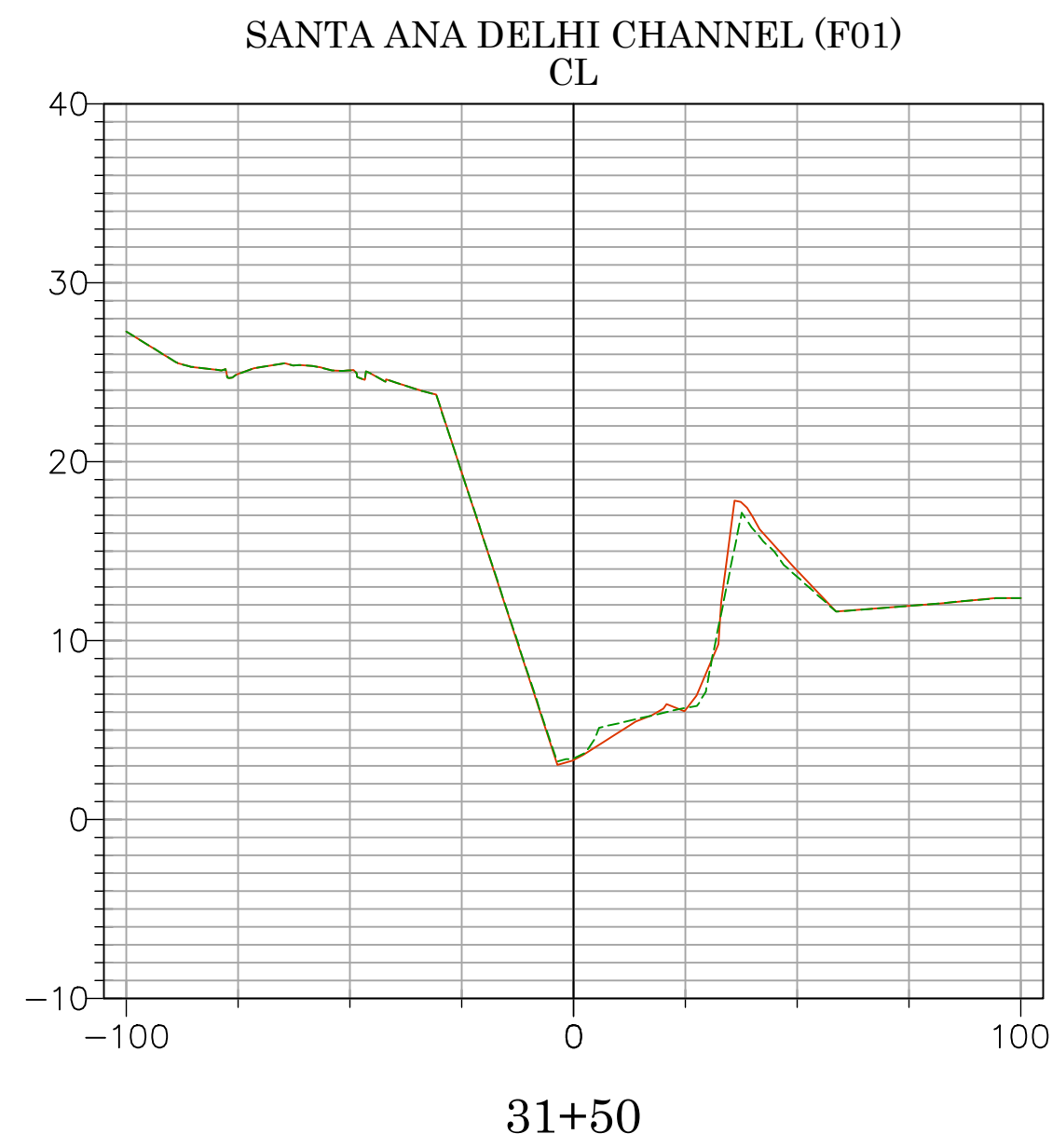
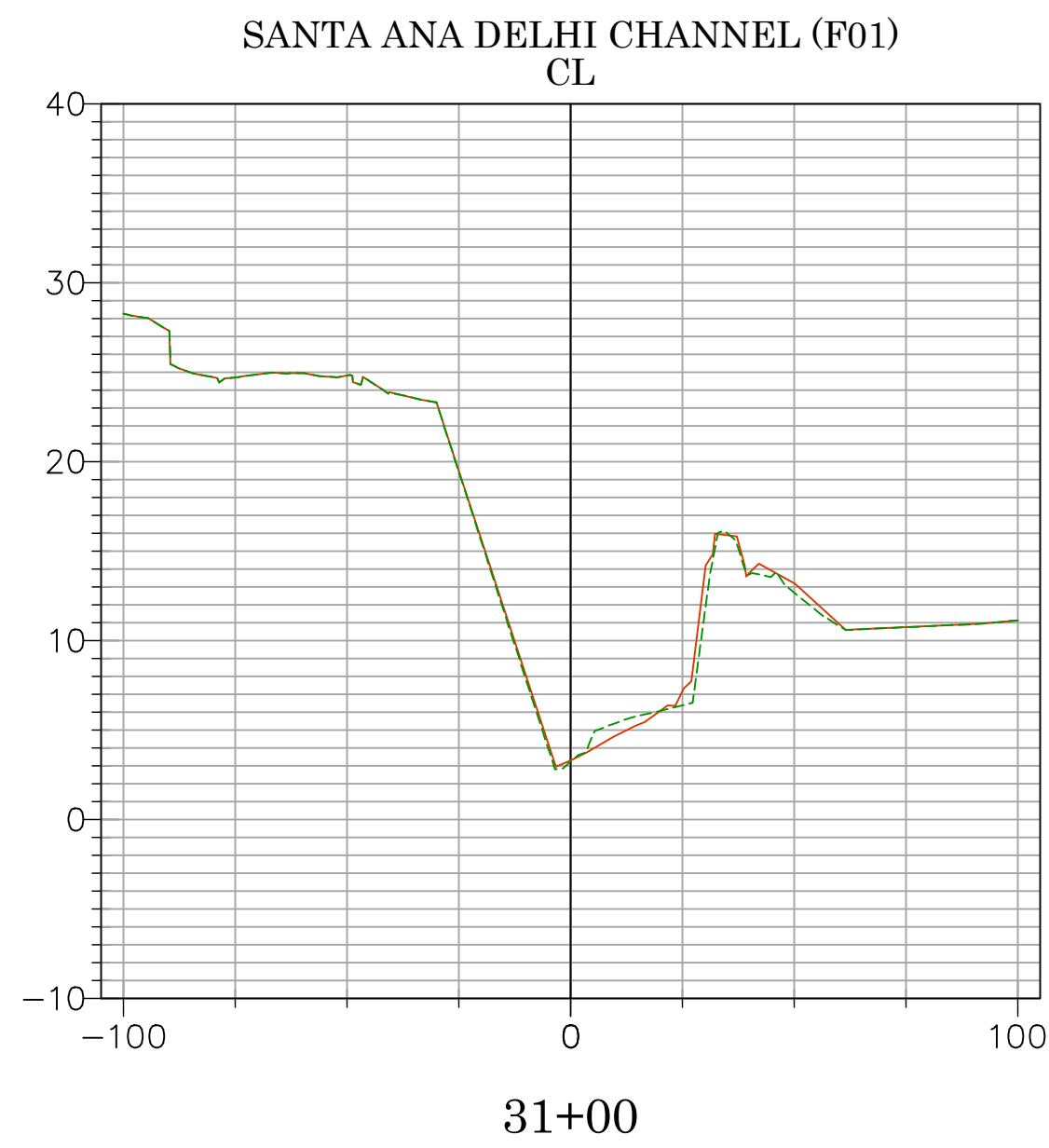
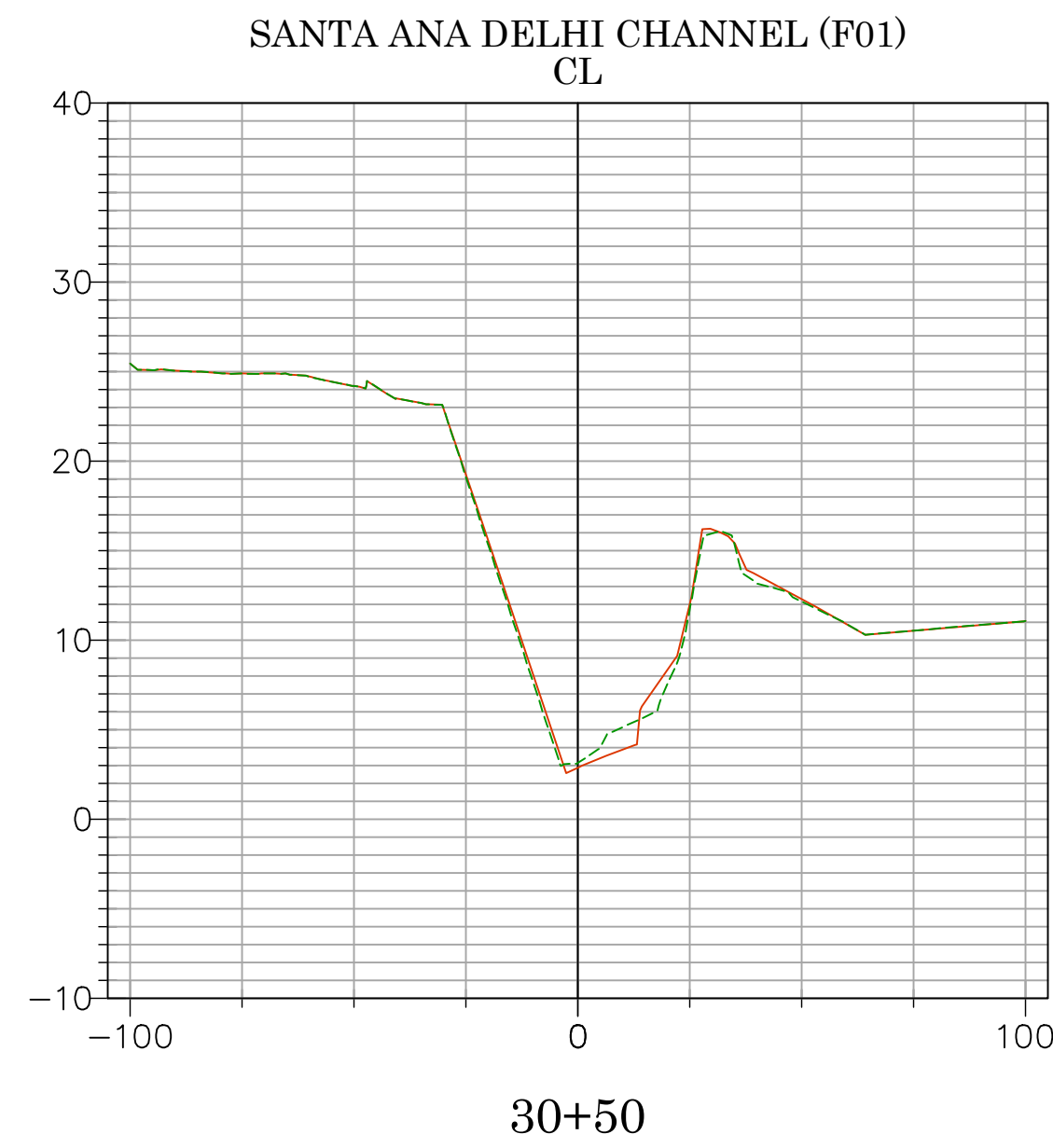
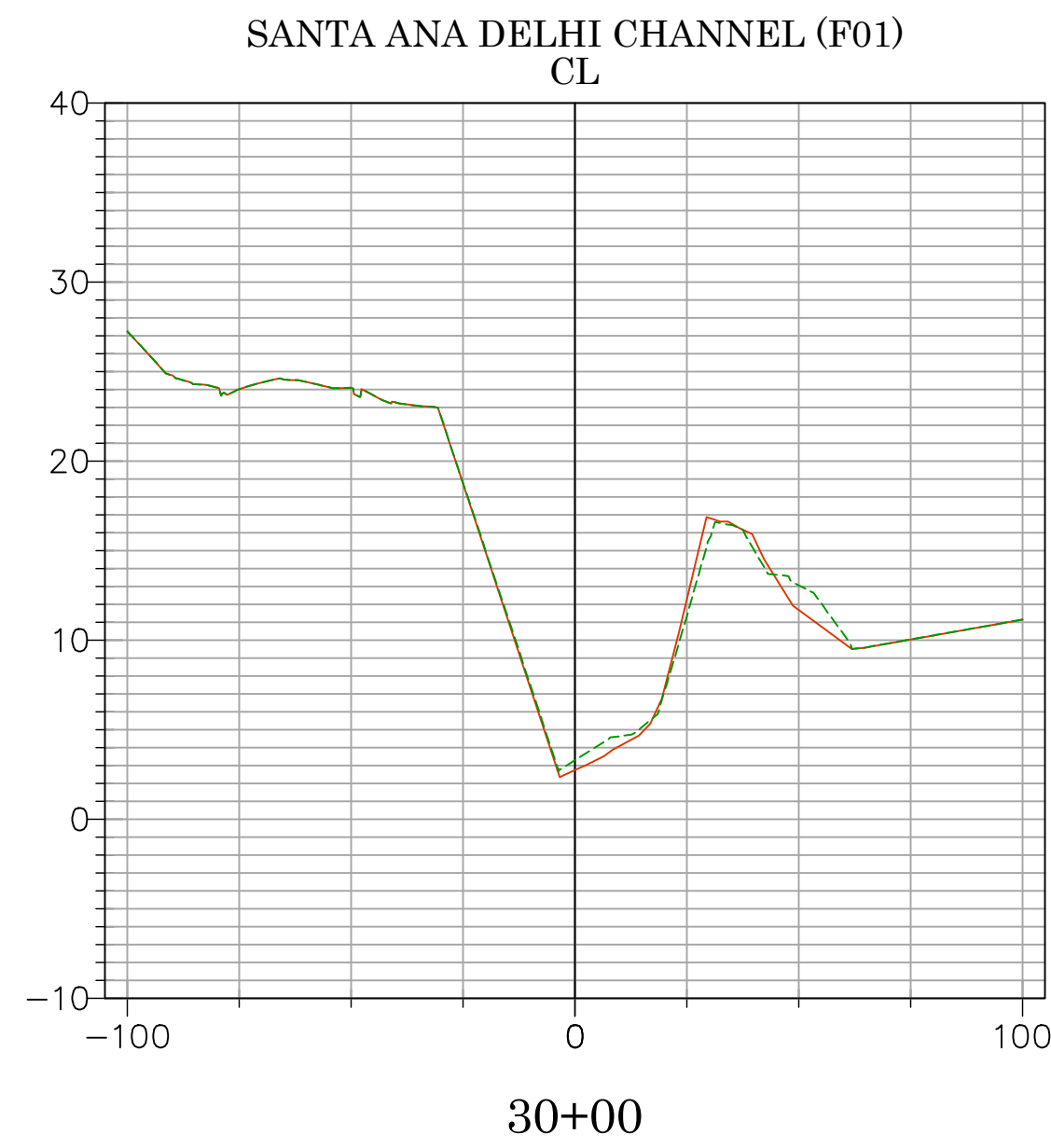
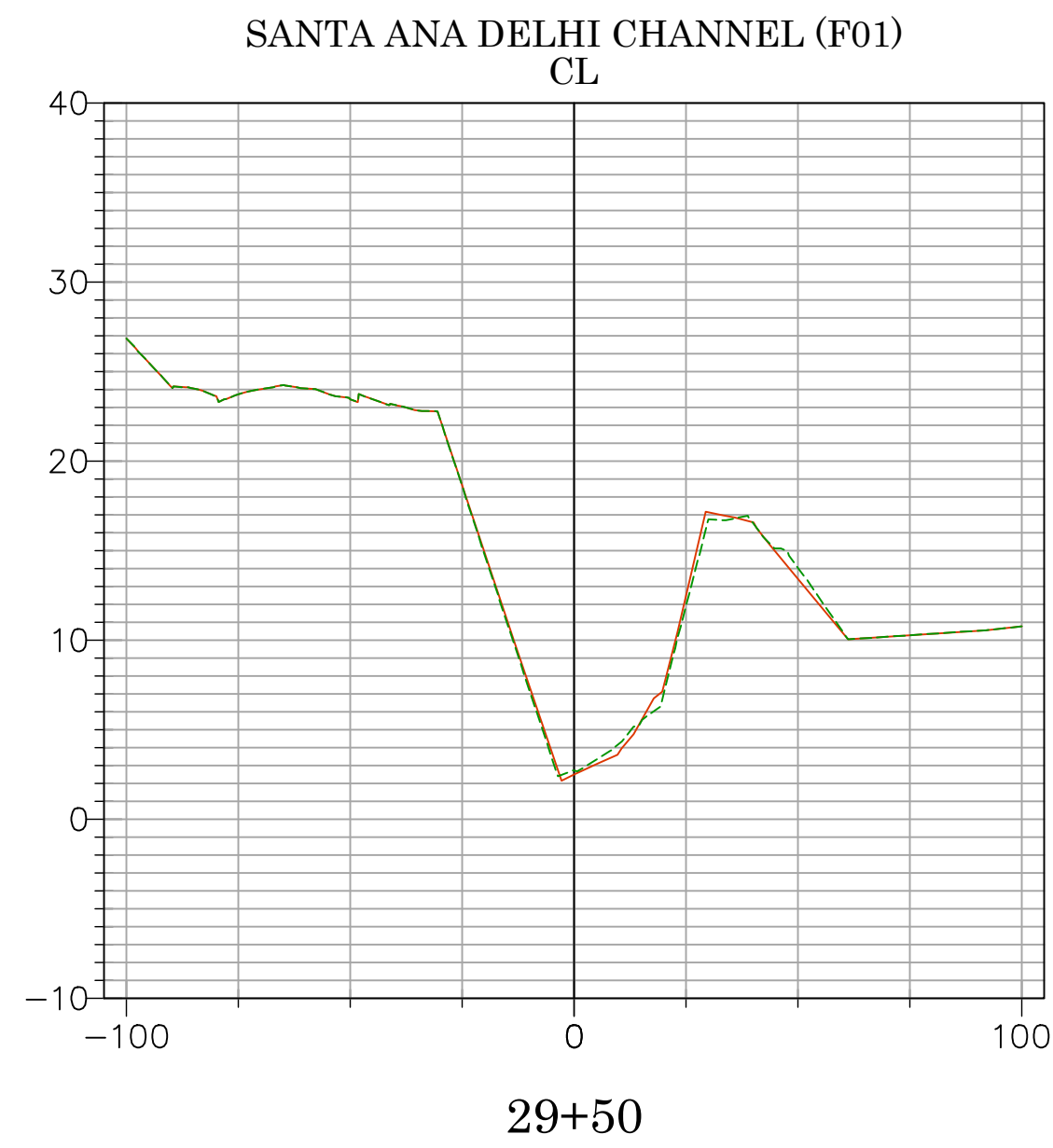
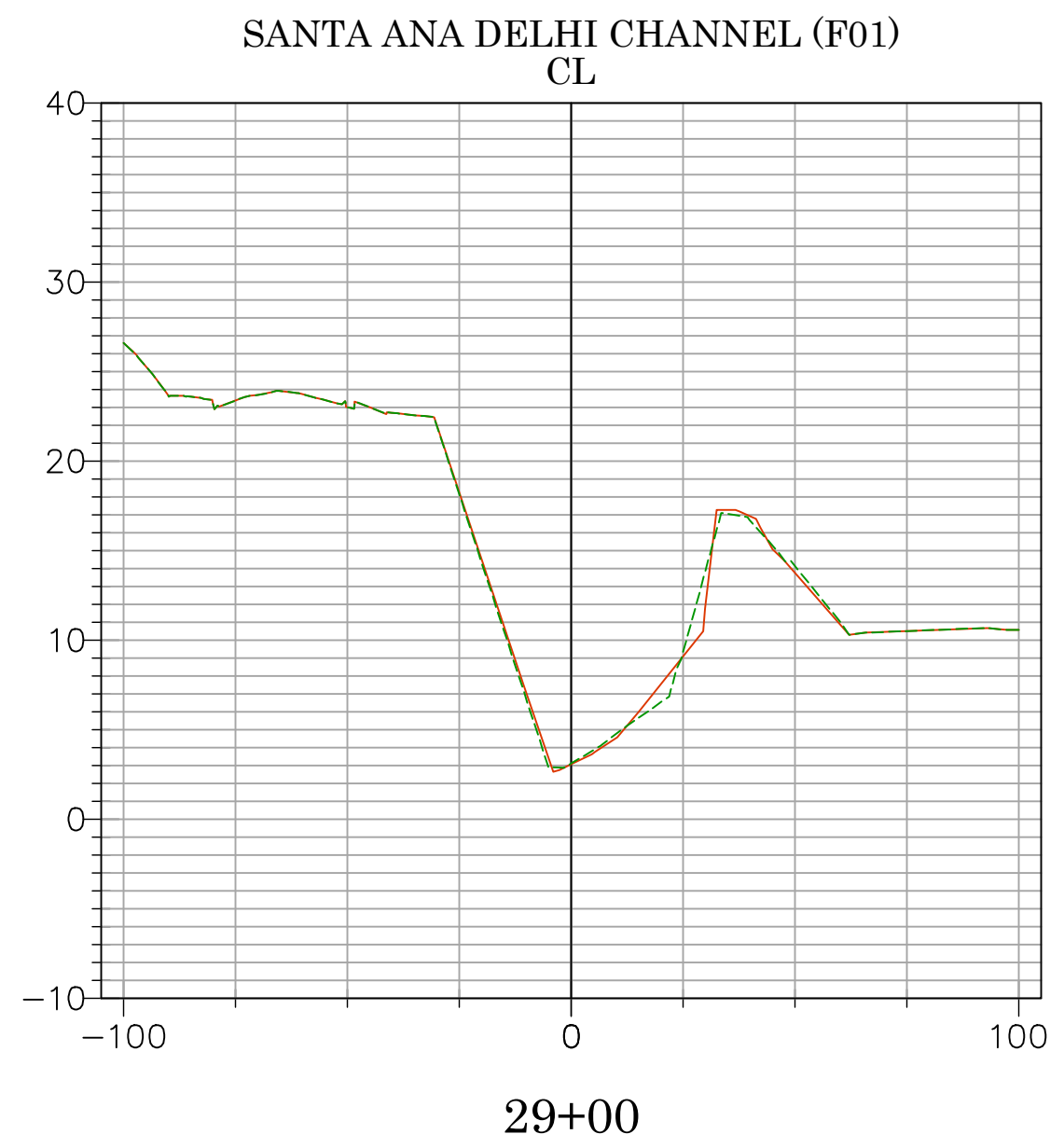
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Hor. Scale: 1"=40'



|          |  |                                                                                                                                                                                                               |                                                                                                  |  |
|----------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--|
| 08/25/25 |  | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                                                      | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING      |  |
| 10/22/24 |  | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                                                           | SANTA ANA DELHI CHANNEL (F01)<br>TOPOGRAPHIC SURVEY                                              |  |
| 7/24/23  |  | ALIGNMENT LABEL UPDATE                                                                                                                                                                                        | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL. |  |
| 6/29/23  |  | UPDATING TEXT                                                                                                                                                                                                 | DATE OF SURVEY: 04/21/2020                                                                       |  |
| 7/12/22  |  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDING ENCUMBRANCE SHEET 8 | BY: T. LOFGREEN & PARTY                                                                          |  |
| 5/19/22  |  | OFFICE CHECK                                                                                                                                                                                                  | BY: H. AFTIM                                                                                     |  |
| MARK     |  | DATE                                                                                                                                                                                                          | BY: M. KUBISTY, PLS                                                                              |  |
|          |  | ITEM                                                                                                                                                                                                          | BY: T. LOFGREEN                                                                                  |  |
|          |  | REVISIONS                                                                                                                                                                                                     | SCALE: 1"=60' W.O. # EF164045 FILE NO. 1920PW-IN0016                                             |  |
|          |  |                                                                                                                                                                                                               | FILE: SANTA ANA DELHI CHANNEL (F01)_TOPO_2025.DWG                                                |  |

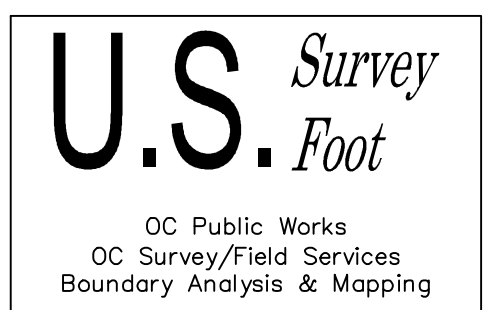
SHEET NO.  
21  
of  
23





2025 UPDATED TOPO  
2020 ORIGINAL SURFACE  
DATE PREPARED: 09/17/2025

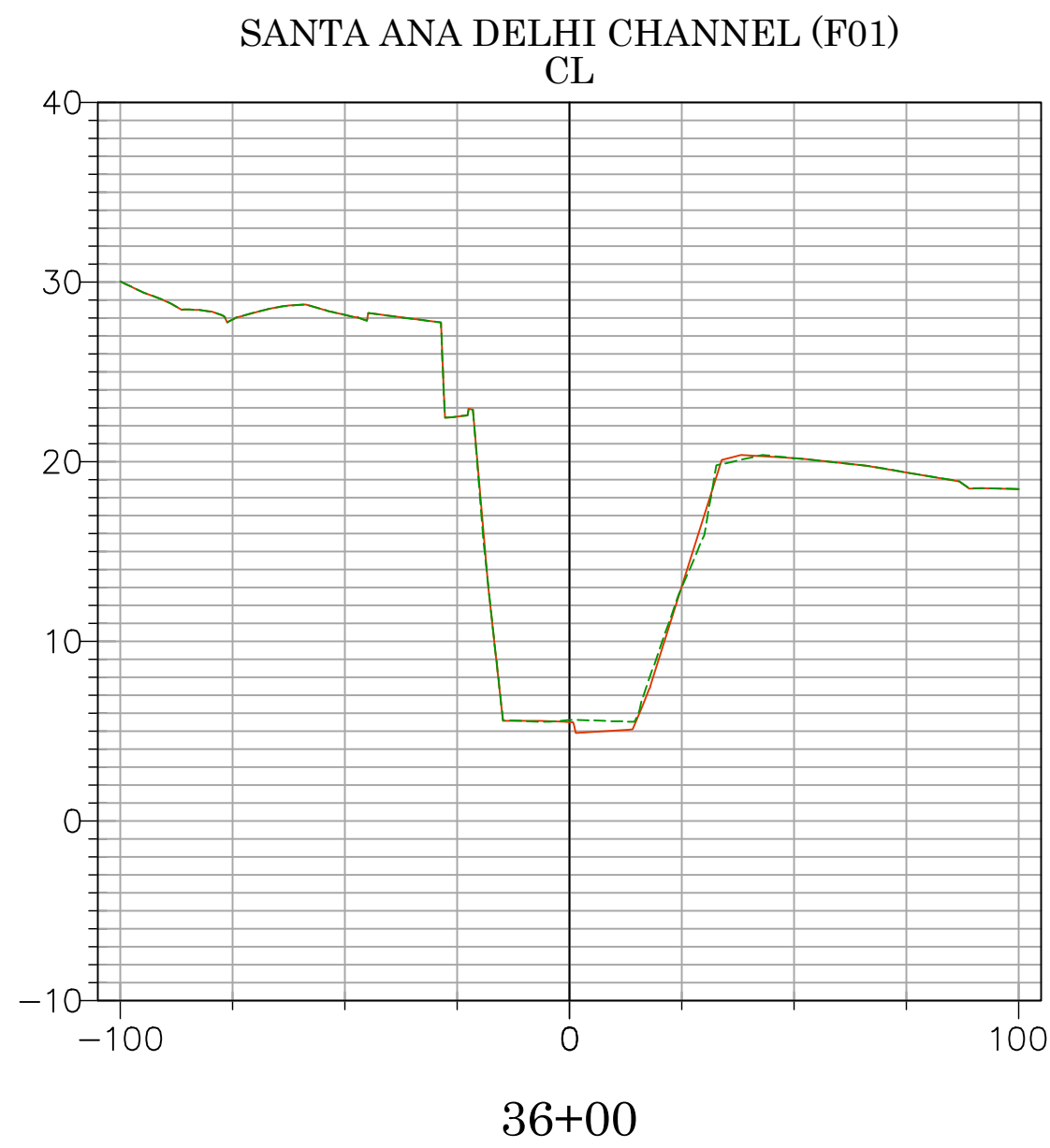
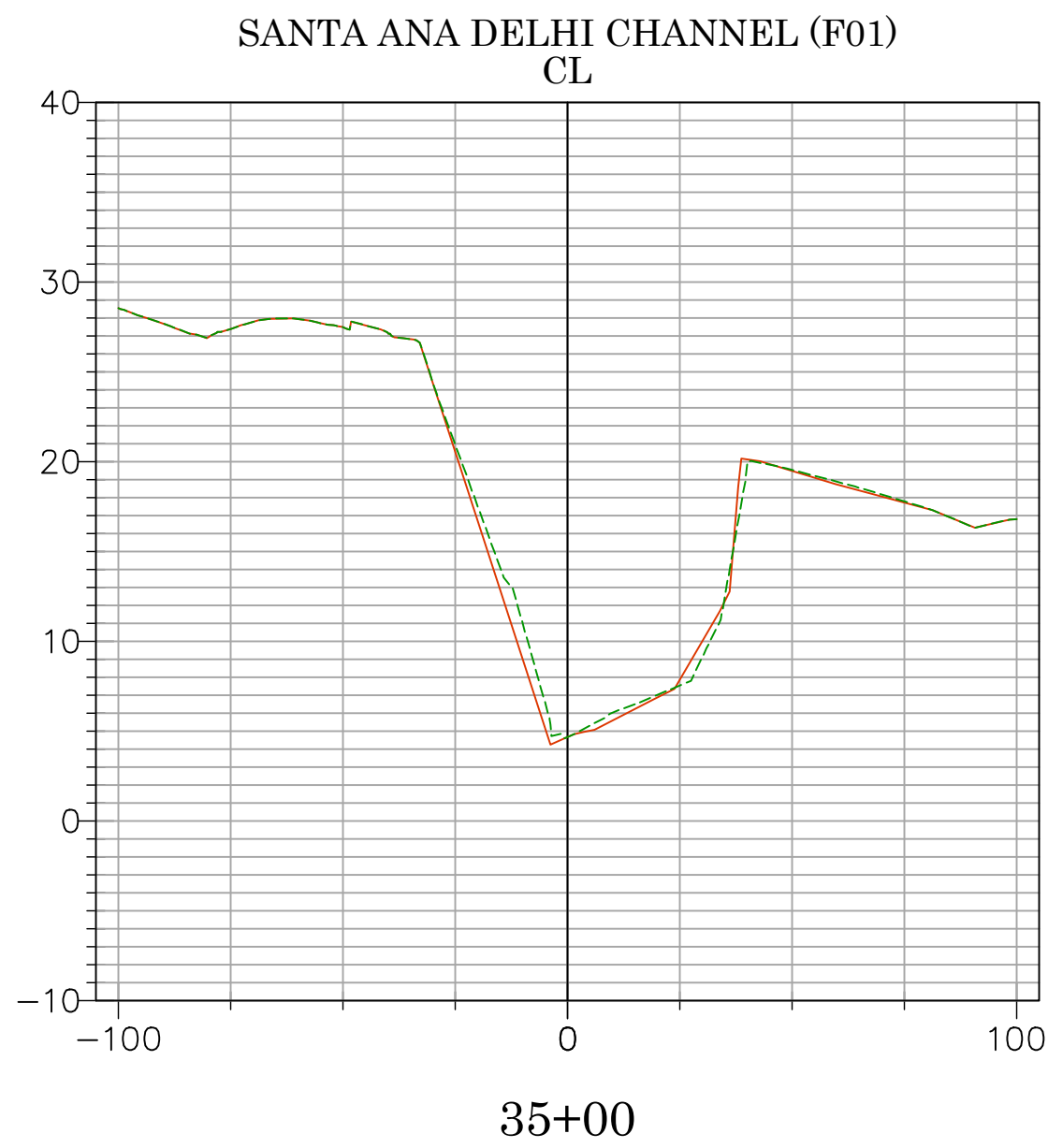
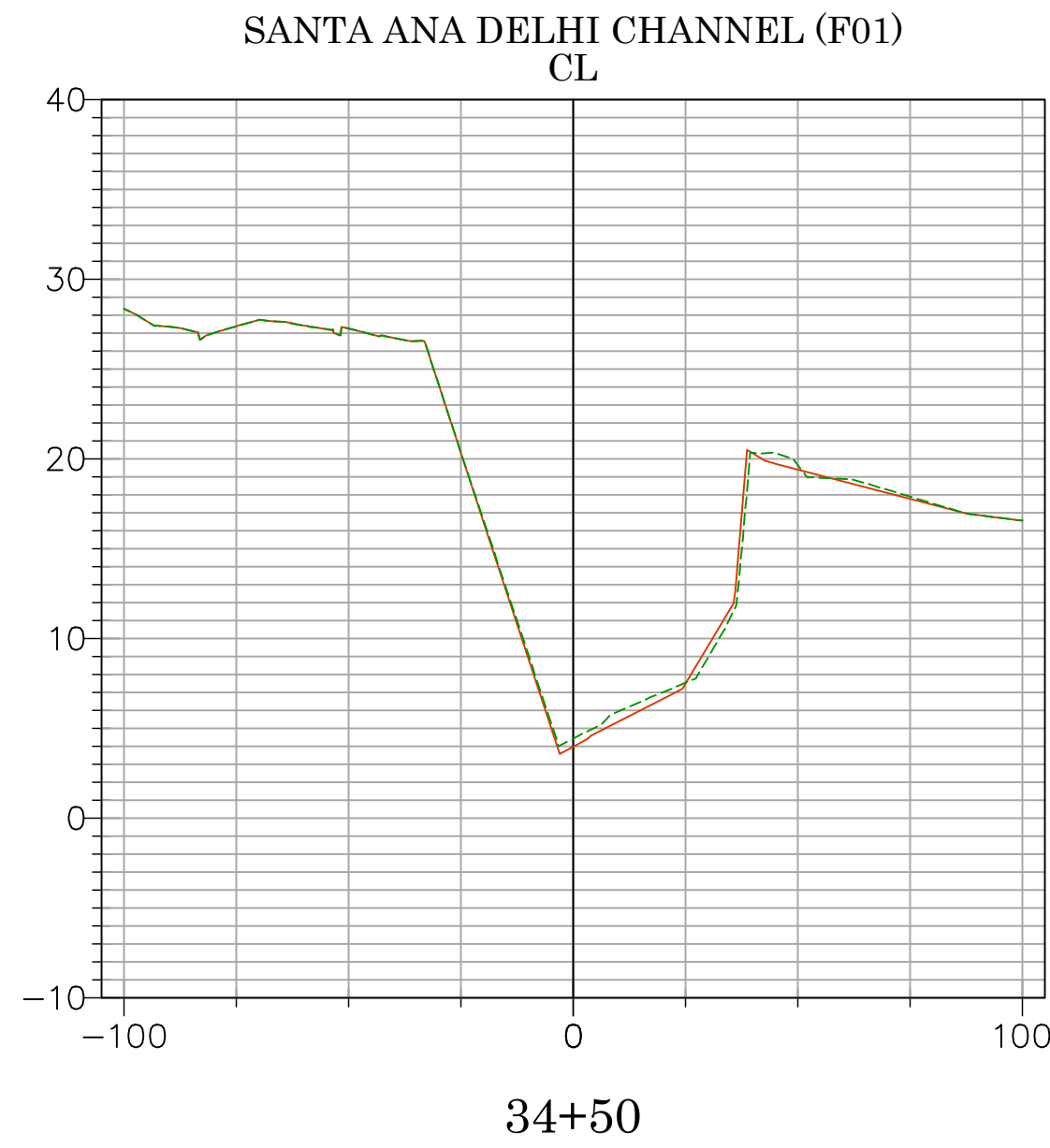
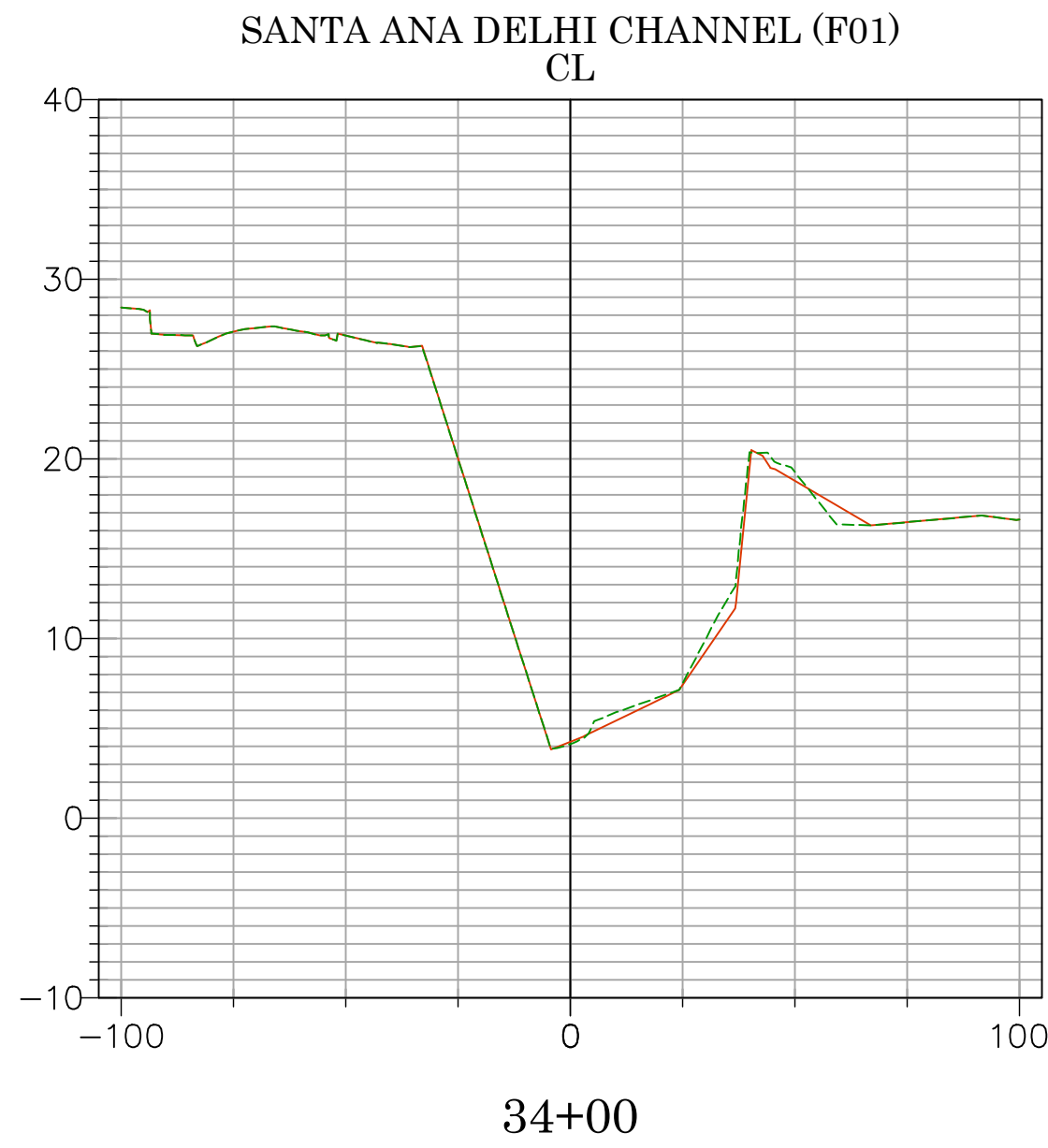
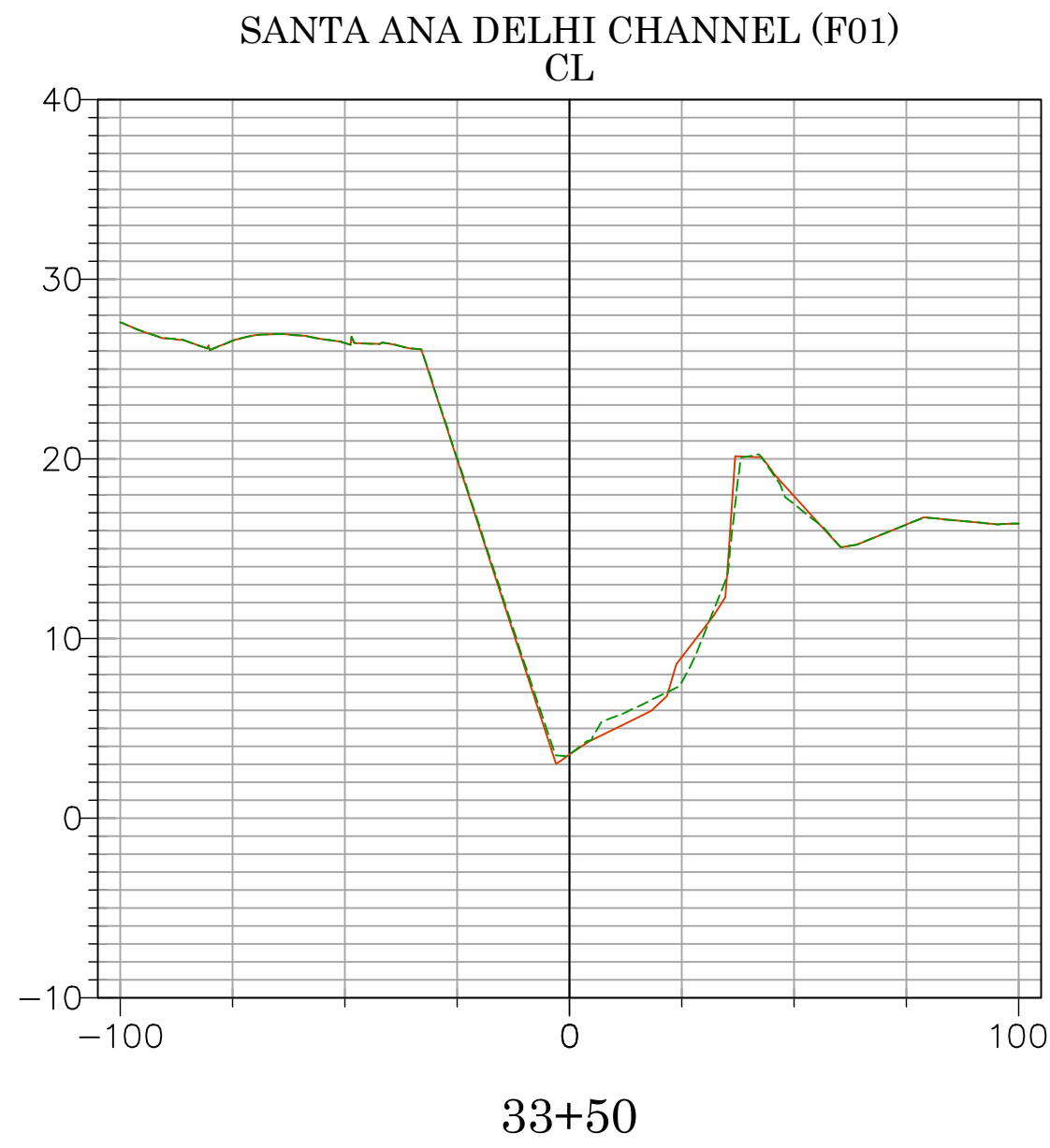
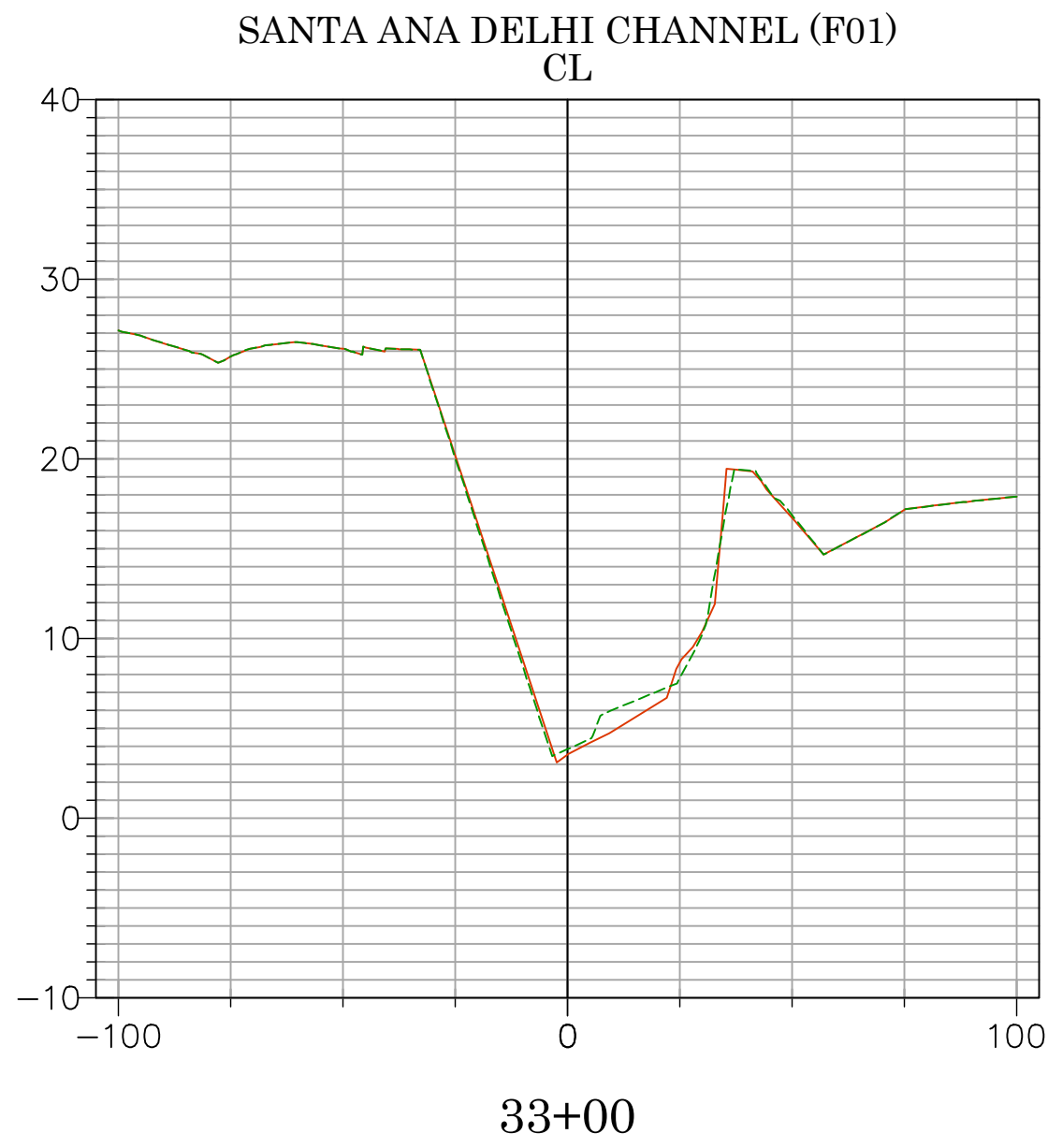
Vert. Scale: 1"=10'  
Hor. Scale: 1"=40'



|                                                                                                     |  |                                                       |  |
|-----------------------------------------------------------------------------------------------------|--|-------------------------------------------------------|--|
| COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING         |  | SANTA ANA DELHI CHANNEL (F01)<br>TOPOGRAPHIC SURVEY   |  |
| PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE<br>TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL. |  | SHEET NO.<br>22<br>of<br>23                           |  |
| DATE OF SURVEY: 04/21/2020<br>BY: T. LOFGREEN & PARTY                                               |  | DATE OF SURVEY: 04/21/2020<br>BY: T. LOFGREEN & PARTY |  |
| BOUNDARY MAPPING<br>BY: M. KUBISTY, PLS                                                             |  | OFFICE CHECK<br>BY: T. LOFGREEN                       |  |
| SCALE: 1"=60'<br>FILE NO. 1920PW-IN0016<br>FILE: SANTA ANA DELHI CHANNEL (F01)_TOPO_2025.DWG        |  | W.O. # EF164045                                       |  |

| MARK | DATE     | ITEM                                                                                                                                                                                                          |
|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| △    | 08/25/25 | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                                                      |
| △    | 10/22/24 | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                                                           |
| △    | 7/24/23  | ALIGNMENT LABEL UPDATE                                                                                                                                                                                        |
| △    | 6/29/23  | UPDATING TEXT                                                                                                                                                                                                 |
| △    | 7/12/22  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDING ENCUMBRANCE SHEET 8 |
| △    | 5/19/22  | ADDITIONAL ENCUMBRANCE SHEET 8                                                                                                                                                                                |

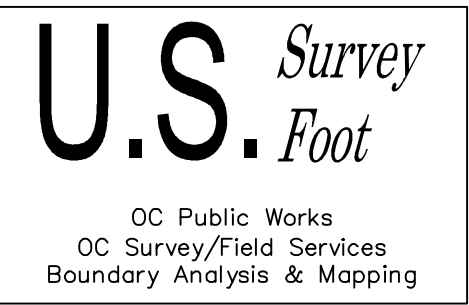




2025 UPDATED TOPO  
2020 ORIGINAL SURFACE  
DATE PREPARED: 09/17/2025

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Vert. Scale: 1"=10'  
Hor. Scale: 1"=40'



|          |  |                                                                                                                                                                                                               |                                                                                                     |                                                   |
|----------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 08/25/25 |  | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00                                                                                                                                                      | COUNTY OF ORANGE<br>OC PUBLIC WORKS                                                                 |                                                   |
| 10/22/24 |  | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                                                           | OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING                                                |                                                   |
| 7/24/23  |  | ALIGNMENT LABEL UPDATE                                                                                                                                                                                        | SANTA ANA DELHI CHANNEL (F01)<br>TOPOGRAPHIC SURVEY                                                 |                                                   |
| 6/29/23  |  | UPDATING TEXT                                                                                                                                                                                                 | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE<br>TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL. |                                                   |
| 7/12/22  |  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDING ENCUMBRANCE SHEET 8 | DATE OF SURVEY: 04/21/2020                                                                          | BY: T. LOFGREEN & PARTY                           |
| 5/19/22  |  | OFFICE CHECK                                                                                                                                                                                                  | DATE OF SURVEY: 04/21/2020                                                                          | BY: H. AFTIM                                      |
| MARK     |  | DATE                                                                                                                                                                                                          | ITEM                                                                                                | BY: M. KUBISTY, PLS                               |
|          |  |                                                                                                                                                                                                               | FIELD CHECK                                                                                         | BY: T. LOFGREEN                                   |
|          |  |                                                                                                                                                                                                               | SCALE: 1"=60'                                                                                       | W.O. # EF164045                                   |
|          |  |                                                                                                                                                                                                               | FILE NO. 1920PW-IN0016                                                                              | FILE: SANTA ANA DELHI CHANNEL (F01)_TOPO_2025.DWG |
|          |  | REVISIONS                                                                                                                                                                                                     | SHEET NO. 23 of 23                                                                                  |                                                   |



ESTABLISHMENT NOTES

- A** ESTABLISHED THE CENTERLINE OF MESA DRIVE BY HOLDING A LINE BETWEEN MONUMENTS **1** AND **4**
- B** ESTABLISHED THE CENTERLINE BC OF MESA DRIVE BY HOLDING RECORD DISTANCE NW'LY FROM MONUMENT **4** PER (R3).
- C** ESTABLISHED THE CENTERLINE OF IRVINE AVE. BY HOLDING A LINE BETWEEN MONUMENTS **2** AND **5**
- D** S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF MESA DRIVE AND ANNIVERSARY LN. BY HOLDING RECORD DISTANCE SW'LY ALONG LINE ESTABLISHMENT FROM MONUMENT **2**, PER (R2).
- E** ESTABLISHED THE CENTERLINE OF ANNIVERSARY LN PER (R2) BY LEAST SQUARES ADJUSTMENT BETWEEN ESTABLISHMENT NOTE **C** AND MONUMENT **8**
- F** ESTABLISHED THE CENTERLINE OF ANNIVERSARY LN PER (R2). BY LEAST SQUARES ADJUSTMENT BETWEEN MONUMENTS **9** AND **11**
- G** ESTABLISHED THE CENTERLINE OF ANNIVERSARY LN PER (R2). BETWEEN MONUMENTS **11** AND **13**
- H** ESTABLISHED THE CENTERLINE OF ANNIVERSARY LN PER (R2). BY LEAST SQUARES ADJUSTMENT BETWEEN MONUMENTS **14** AND **19**
- I** ESTABLISHED THE CENTERLINE OF ANNIVERSARY LN BY PROLONGATION THE TANGENT LINE FROM THE SW'LY TERMINUS OF ESTABLISHMENT NOTE **H** TO THE INTERSECTION WITH ESTABLISHMENT NOTE **R**
- J** ESTABLISHED THE E'LY RIGHT OF WAY OF ANNIVERSARY LN PARALLEL, CONCENTRIC, WITH & 25' E'LY OF ESTABLISHMENT **H** PER (R2).
- K** ESTABLISHED THE E'LY RIGHT OF WAY OF ANNIVERSARY LN PARALLEL, CONCENTRIC WITH, & 25' E'LY OF ESTABLISHMENT **G** PER (R2).
- L** ESTABLISHED THE E'LY RIGHT OF WAY OF ANNIVERSARY LN PARALLEL, CONCENTRIC WITH, & 25' E'LY OF ESTABLISHMENT **F** PER (R2).
- M** ESTABLISHED THE E'LY RIGHT OF WAY OF ANNIVERSARY LN PARALLEL, CONCENTRIC WITH, & 25' E'LY OF ESTABLISHMENT **E** PER (R2).
- N** ESTABLISHED THE THE CENTERLINE BC OF ANNIVERSARY LN PER (R2). BY LEAST SQUARES ADJUSTMENT BETWEEN ESTABLISHMENT NOTE **D** AND MONUMENT **9**
- O** ESTABLISHED THE INTERSECTION POINT BETWEEN THE W'LY RIGHT OF WAY OF SANTA ANA DELHI CHANNEL AND THE E'LY RIGHT OF WAY OF ANNIVERSARY LN BY HOLDING RECORD DISTANCE AND BEARING PER (R1) ALONG ESTABLISHMENT NOTE **M** FROM ESTABLISHMENT NOTE **AV**
- P** ESTABLISHED THE POINT OF BEGINNING OF PARCEL 5, PER (R20) BY HOLDING A RECORD DISTANCE PER (R20) SE'LY FROM MONUMENT **1** ALONG ESTABLISHMENT NOTE **A**
- Q** ESTABLISHED THE CENTERLINE OF PARCELS 5,6 AND PORTION OF 7 OF (R20) BY HOLDING A RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION PER (R20) BETWEEN ESTABLISHMENT NOTES **P** AND **AF**
- R** ESTABLISHED THE SE'LY LINE OF TRACT 3068 BY HOLDING A LINE BETWEEN MONUMENTS **16** AND **17**
- S** S.F.N. ESTABLISHED THE INTERSECTION OF THE W'LY LINE OF (R21) AND LINE ESTABLISHMENT **A** BY HOLDING RECORD DISTANCE PER (R21) SE'LY FROM MONUMENT **2** ALONG LINE ESTABLISHMENT **A**
- T** ESTABLISHED THE W'LY RIGHT OF WAY OF (R21) BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION PER (R21). BETWEEN ESTABLISHMENTS **S** AND **Q**
- U** ESTABLISHED THE W'LY TERMINUS OF THAT COURSE DESCRIBED IN (R22) AS BEING THE INTERSECTION OF ESTABLISHMENT **T** WITH A LINE THAT IS PARALLEL WITH, PERPENDICULAR TO, & 90' SW'LY OF ESTABLISHMENT NOTE **A**, PER (R21).
- V** ESTABLISHED THE E'LY TERMINUS OF THAT COURSE DESCRIBED IN (R22) AS BEING THE INTERSECTION OF ESTBLISHMENT **Z** WITH A LINE THAT IS PARALLEL WITH, PERPENDICULAR TO, & 44' SW'LY OF ESTABLISHMENT NOTE **A**, PER (R21).
- W** ESTABLISHED THE S'LY RIGHT OF WAY OF MESA DRIVE BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION BETWEEN ESTABLISHMENTS **V** AND **D**, PER (R24).
- X** ESTABLISHED THE INTERSECTION OF THE NE'LY LINE OF (R21) AND LINE ESTABLISHMENT **A** BY HOLDING RECORD DISTANCE PER (R20) SE'LY FROM ESTABLISHMENT **P**, ALONG LINE ESTABLISHMENT **A**

ESTABLISHMENT NOTES

- Y** ESTABLISHED THE INTERSECTION OF THE NE'LY LINE OF (R21) AND LINE ESTABLISHMENT **A** BY HOLDING RECORD DISTANCE PER (R21) SE'LY FROM ESTABLISHMENT **X**, ALONG LINE ESTABLISHMENT **A**
- Z** ESTABLISHED THE E'LY COURSE OF (R21) BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION BETWEEN ESTABLISHMENT NOTES **Y** AND THE NE'LY TERMINUS OF LINE ESTABLISHMENT **AV**
- AA** ESTABLISHED THE INTERSECTION OF THE NE'LY LINE OF (R25) AND LINE ESTABLISHMENT **A** BY HOLDING RECORD DISTANCE PER (R25) SE'LY FROM ESTABLISHMENT **Y**, ALONG LINE ESTABLISHMENT **A**
- AB** ESTABLISHED THE NE'LY COURSE OF (R25) BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION FROM ESTABLISHMENT NOTE **AV**
- AC** ESTABLISHED THE S'LY RIGHT OF WAY OF MESA DRIVE BY HOLDING RECORD DIMENSIONS PARALLEL WITH, PERPENDICULAR TO, & 43' S'LY OF ESTABLISHMENT **A** PER (R23).
- AD** ESTABLISHED THE S'LY LINE OF PARCEL 7 OF (R20) BY HOLDING LINE BETWEEN MONUMENTS **41** AND **39**
- AE** ESTABLISHED THE SW'LY TERMINUS OF PARCEL 7 OF (R20) BY HOLDING A RECORD DISTANCE PER (R20) SE'LY FROM MONUMENT **41** ALONG ESTABLISHMENT NOTE **AD**
- AF** ESTABLISHED THE SW'LY TERMINUS OF A CURVE DESCRIBED IN PARCEL 7 OF (R20) HAVING RADIUS OF 2000' AND LENGTH OF 930.84' BY HOLDING A RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION PER (R20) FROM ESTABLISHMENT **D** ALONG ESTABLISHMENT NOTE **D**
- AG** ESTABLISHED THE CENTERLINE OF PARCEL 7 OF (R20) BY HOLDING A LINE BETWEEN ESTABLISHMENTS **AF** AND **AE**
- AH** ESTABLISHED THE SE'LY LINE OF (R21) BY HOLDING RECORD DIMENSIONS PARALLEL WITH, PERPENDICULAR TO, & 60' S'LY OF ESTABLISHMENT **AG**
- AI** ESTABLISHED THE NW'LY LINE OF PARCEL 2 OF (R21) BY HOLDING RECORD DIMENSIONS PARALLEL WITH, PERPENDICULAR TO, & 40' N'LY OF ESTABLISHMENT **AG**
- AJ** ESTABLISHED THE BC OF PARCEL 2 OF (R21) BY HOLDING RECORD DISTANCE PER (R21) NE'LY MONUMENT **41** ALONG ESTABLISHMENT **A**
- AK** ESTABLISHED THE NW'LY LINE OF PARCEL 2 OF (R21) BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION FROM ESTABLISHMENT NOTE **A** TO THE INTERSECTION OF A POINT ON THE CURVE IN THE NW'LY LINE OF PARCEL 6 OF (R20), SAID POINT CALLED FOR IN (R20). HAVING RADIUS OF 430', A RADIAL LINE BEARING N41°28'54"W.
- AL** ESTABLISHED THE INTERSECTION OF THE NE'LY LINE OF (R28) AND LINE ESTABLISHMENT **A** BY HOLDING RECORD DISTANCE PER (R28) SE'LY FROM ESTABLISHMENT **Y**, ALONG LINE ESTABLISHMENT **A**
- AM** ESTABLISHED THE COURSE OF (R28) BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION PER (R28). BETWEEN ESTABLISHMENT NOTES **AL** AND **AY**
- AN** ESTABLISHED THE N'LY COURSE OF PARCEL 1 OF (R31) AND NW'LY BOUNDARY OF LAND DESCRIBED IN (R32) BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION FROM ESTABLISHMENT NOTE **AY** AND NE'LY MONUMENT **52**, PER (R31).
- AO** ESTABLISHED THE N'LY COURSE OF PARCEL 2 OF (R31) BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION SW'LY FROM MONUMENT **52** TO THE INTERSECTION OF N'LY ESTABLISHMENT **AV**, PER (R31).
- AP** ESTABLISHED THE SE'LY LINE OF PARCEL 1 OF (R31) BY HOLDING RECORD DIMENSIONS PARALLEL WITH, PERPENDICULAR TO, & 30' S'LY OF ESTABLISHMENT **AM**
- AQ** ESTABLISHED THE SE'LY LINE OF PARCEL 2 OF (R31) BY HOLDING RECORD DIMENSIONS PARALLEL WITH, PERPENDICULAR TO, & 30' SE'LY OF ESTABLISHMENT **AO**
- AR** ESTABLISHED THE S'LY COURSE OF (R35) BY HOLDING RECORD DIMENSIONS PARALLEL WITH, PERPENDICULAR TO, & 132' S'LY OF ESTABLISHMENT **Z**, TO THE INTERSECTION OF SE'LY ESTABLISHMENT **AV**, TO THE INTERSECTION OF SW'LY ESTABLISHMENT **AV**, PER (R35).
- AS** S.F.N. ESTABLISHED THE INTERSECTION OF NW'LY LINE OF (R36) AND ESTABLISHMENT **AR** BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION SW'LY FROM ESTABLISHMENT **AY** ALONG ESTABLISHMENT **AN**, PER (R37).

ESTABLISHMENT NOTES

- AW** ESTABLISHED THE COURSE OF (R32) BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION BETWEEN MONUMENTS **65** AND **52**, PER (R32).
- AX** ESTABLISHED THE E'LY RIGHT OF WAY BC BY HOLDING A RECORD DIMENSION PARALLEL WITH, PERPENDICULAR TO, & 25' E'LY OF ESTABLISHMENT NOTE **N**
- AY** ESTABLISHED THE SW'LY LINE OF (R39) BY HOLDING RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION BETWEEN MONUMENTS **72** AND **69** TO THE INTERSECTION OF S'LY ESTABLISHMENT **Z**, PER (R39).
- AZ** ESTABLISHED THE SE'LY TERMINUS OF THAT COURSE DESCRIBED IN (R28) AS BEING THE INTERSECTION OF ESTABLISHMENT **AM** WITH A LINE THAT IS PARALLEL WITH, PERPENDICULAR TO, & 10' W'LY OF THE W'LY RIGHT OF WAY LINE OF BIRCH STREET, PER (R28).
- BA** S.F.N. ESTABLISHED THE CENTERLINE INTERSECTION OF MESA DRIVE AND BIRCH STREET BY LEAST SQUARES ADJUSTMENT OF RECORD TIE DIMENSIONS PER (R30) FROM MONUMENTS **44**, **45**, **46**, AND **47**
- BZ** ESTABLISHED BY INTERSECTION BETWEEN ESTABLISHMENT NOTES **AY** AND **AP**
- CA** ESTABLISHED THE CENTERLINE OF UNIVERSITY DRIVE PER (R1). BY HOLDING A RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION PER (R1) SE'LY FROM MONUMENT **5** IN BETWEEN ESTABLISHMENT NOTE **ED** AND MONUMENT **5**
- CB** ESTABLISHED BY INTERSECTION BETWEEN ESTABLISHMENT NOTES **ES** AND **AY**
- CC** S.F.N ESTABLISHED BY TIES PER (R45)
- CD** S.F.N ESTABLISHED A POINT ON THE CENTERLINE OF UNIVERSITY DRIVE BY HOLDING RECORD DIMENSIONS PARALLEL WITH, PERPENDICULAR TO, & 20' S'LY OF ESTABLISHMENT **ED** PER (R41).
- CE** ESTABLISHED THE CENTERLINE OF UNIVERSITY DRIVE PER (R1). BY HOLDING A RECORD ANGLE, DISTANCE, AND CURVATURE INFORMATION PER (R1) SE'LY FROM ESTABLISHMENT **ED**
- CF** ESTABLISHED THE N'LY RIGHT OF WAY OF UNIVERSITY DRIVE BY HOLDING RECORD DIMENSIONS PARALLEL WITH, PERPENDICULAR TO, & 50' N'LY OF ESTABLISHMENT **ES**, **EA** PER (R47).
- CG** ESTABLISHED THE SW'LY CORNER OF LOT Y OF (R29) BY HOLDING RECORD DISTANCE OF 985.20' PER (R29) SW'LY FROM MONUMENT **2** ALONG ESTABLISHMENT **C** PER (R29).
- CH** ESTABLISHED STATION F OF (R29) BY HOLDING RECORD ANGLE AND DISTANCE OF 1596.07' PER (R29) SE'LY FROM ESTABLISHMENT NOTE **EG**
- CI** ESTABLISHED THE CENTERLINE OF ACACIA ST BY HOLDING A LINE BETWEEN MONUMENTS **74** AND **75**

|                                                                                                                                                                                                                                         |          |                                                                                                                                                                                   |                                                                                                                  |                         |                     |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|-------------------------|
| <div><div><div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div></div></div></div> | 08/25/24 | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00, LOCATED E'LY FENCE AND CLEANED UP BOUNDARY SHEETS                                                                       | COUNTY OF ORANGE<br>OC PUBLIC WORKS/ENGINEERING SERVICES<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |                         |                     |                         |
|                                                                                                                                                                                                                                         | 10/22/24 | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                               | SANTA ANA DELHI CHANNEL (F01)                                                                                    |                         |                     |                         |
|                                                                                                                                                                                                                                         | 7/24/23  | ALIGNMENT LABEL UPDATE                                                                                                                                                            | BOUNDARY AND RIGHT OF WAY ESTABLISHMENT SHEETS                                                                   |                         |                     |                         |
|                                                                                                                                                                                                                                         | 6/29/23  | TEXT UPDATE                                                                                                                                                                       | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE.                                                                   |                         |                     |                         |
|                                                                                                                                                                                                                                         | 7/12/22  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT, CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE | TO: 800' WESTERLY OF BIKE BRIDGE OF OVER F01 CHANNEL.                                                            |                         |                     |                         |
| <div><div><div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div></div></div></div> | 5/19/22  | ADDED ENCUMBRANCE SHEET 8                                                                                                                                                         | DATE OF SURVEY: 04/16/2020                                                                                       | BY: T. LOFGREEN & PARTY | TOPOGRAPHIC MAPPING | BY: H. AFTIM            |
|                                                                                                                                                                                                                                         |          |                                                                                                                                                                                   | OFFICE CHECK                                                                                                     | BY: M. KUBISTY          | FIELD CHECK         | BY: T. LOFGREEN & PARTY |
|                                                                                                                                                                                                                                         |          |                                                                                                                                                                                   | SCALE: N.T.S.                                                                                                    | W.O. #EF164045          | FILE #1920PW-IN0016 |                         |
|                                                                                                                                                                                                                                         |          |                                                                                                                                                                                   | FILE: SANTA_ANA_DELHI_CHANNEL_(F01)_BOUNDARY_2020.DWG                                                            |                         |                     |                         |
| MARK                                                                                                                                                                                                                                    |          | DATE                                                                                                                                                                              | ITEM                                                                                                             | REVISIONS               |                     |                         |



MONUMENT NOTES

- 1

FOUND LEAD, TACK AND TAG STAMPED "RCE 27743", PER (R17), FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF SANTA ANA AVE. AND MESA DRIVE.
- 2

FOUND 2 1/2" PUNCHED BRASS DISK, STAMPED "8-99", PER (R18), DOWN 0.8' IN O.C.S. WELL MONUMENT, ACCEPTED AS THE CENTERLINE INTERSECTION OF IRVINE AVE. AND MESA DRIVE.
- 3

FOUND 2 1/2" PUNCHED BRASS DISK, STAMPED "8-99.", PER (R18), DOWN 0.8' IN O.C.S. WELL MONUMENT, N40°38'43"E 0.05' FROM ESTABLISHMENT NOTE
- 4

FOUND GEAR SPIKE AND 1 1/2" WASHER, STAMPED "8-99.", PER (R18), FLUSH IN AC, ACCEPTED AS CENTERLINE BC OF MESA DRIVE.
- 5

FOUND 5/8" HEXBAR PUNCHED, PER (R19), DOWN 1.82' IN O.C.S WELL MONUMENT, ACCEPTED AS THE CENTERLINE INTERSECTION OF IRVINE AVE. AND UNIVERSITY DRIVE.
- 6

FOUND GEAR SPIKE AND 1 1/2" WASHER STAMPED 'RCE 28328', PER (R5), DOWN 0.05' IN A/C, S48°49'54"E 0.11' FROM CENTERLINE BC OF ANNIVERSARY LN.
- 7

FOUND GEAR SPIKE AND 1 1/2" WASHER STAMPED 'RCE 28328', PER (R5), DOWN 0.05' IN A/C, S83°12'41"E 0.19' FROM CENTERLINE EC OF ANNIVERSARY LN.
- 8

FOUND GEAR SPIKE WITH TAG STAMPED 'LS 4182', PER (R4), FLUSH IN AC. ACCEPTED AS CENTERLINE BC OF ANNIVERSARY LN.
- 9

FOUND SPIKE, NO WASHER, ACCEPTED AS SPIKE & WASHER STAMPED "O.C.S." PER (R1), DOWN 0.05' IN A/C, ACCEPTED AS CENTERLINE EC OF ANNIVERSARY LN.
- 10

FOUND SPIKE, NO WASHER, ACCEPTED AS SPIKE & WASHER STAMPED "O.C.S." PER (R1), DOWN 0.05' IN A/C, S42°20'00"E 0.27' FROM CENTERLINE BC OF ANNIVERSARY LN. ACCEPTED AS POINT ON CENTERLINE.
- 11

FOUND SPIKE, NO WASHER, ACCEPTED AS SPIKE & WASHER STAMPED "O.C.S." PER (R1), DOWN 0.05' IN A/C, ACCEPTED AS CENTERLINE EC OF ANNIVERSARY LN.
- 12

FOUND SPIKE, NO WASHER ACCEPTED AS SPIKE & WASHER STAMPED "O.C.S." PER (R1), FLUSH IN A/C, ACCEPTED AS CENTERLINE BC OF ANNIVERSARY LN.
- 13

FOUND SPIKE, NO WASHER, ACCEPTED AS SPIKE & WASHER STAMPED "O.C.S." PER (R1), FLUSH IN A/C, ACCEPTED AS CENTERLINE EC OF ANNIVERSARY LN.
- 14

FOUND SPIKE, NO WASHER, ACCEPTED AS SPIKE & WASHER STAMPED "O.C.S." PER (R1), FLUSH IN A/C, ACCEPTED AS CENTERLINE BC OF ANNIVERSARY LN.
- 15

FOUND SPIKE, NO WASHER, ACCEPTED AS SPIKE & WASHER STAMPED "O.C.S." PER (R1), DN. 0.05' IN A/C, ACCEPTED AS CENTERLINE EC OF ANNIVERSARY LN.
- 16

FOUND 2" IRON PIPE, NAIL AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 0.4' IN AC, ACCEPTED INTERSECTION OF THE CENTERLINE OF ANNIVERSARY LN. & THE SE'LY LINE OF (R2).
- 17

FOUND 2" IRON PIPE, NAIL AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 0.4' IN DIRT, N62°51'36"W 0.20' FROM E'LY RIGHT OF WAY EC OF ANNIVERSARY LN.
- 18

FOUND 2" IRON PIPE, NAIL AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), FLUSH IN DIRT, S80°30'52"W 0.19' FROM E'LY RIGHT OF WAY PCC OF ANNIVERSARY LN.
- 19

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), FLUSH IN DIRT, N83°30'52"W 0.19' FROM E'LY RIGHT OF WAY PCC OF ANNIVERSARY LN.
- 20

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 0.1' IN DIRT, S46°45'14"W 0.10' FROM E'LY RIGHT OF WAY PCC OF ANNIVERSARY LN.
- 21

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 0.1' IN DIRT, S08°56'57"E 0.08' FROM E'LY RIGHT OF WAY EC. OF ANNIVERSARY LN.
- 22

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 0.1' IN DIRT, S06°14'00"E 0.08' FROM E'LY RIGHT OF WAY BC. OF ANNIVERSARY LN.
- 23

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 0.1' IN DIRT, ACCEPTED AS POINT IN E'LY RIGHT OF WAY EC. OF ANNIVERSARY LN.
- 24

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R1), DOWN 1.1' IN DIRT, N73°59'39"E 0.29' FROM EC ESTABLISHMENT NOTE
- 25

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 2.0' IN DIRT, N47°18'38"E 0.29' FROM BC ESTABLISHMENT NOTE
- 26

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S." PER (R1), DOWN 0.4' IN DIRT, N32°15'10"E 0.24' FROM EC ESTABLISHMENT NOTE
- 27

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.'", PER (R1), DOWN 0.4' IN DIRT, N18°29'07"E 0.24' FROM BC ESTABLISHMENT NOTE
- 28

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 0.8' IN DIRT, N66°30'25"W 0.06' FROM EC ESTABLISHMENT NOTE
- 29

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S." PER (R1), FLUSH IN DIRT, N00°46'29"E 0.43' FROM ESTABLISHMENT NOTE
- 30

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 1.1' IN DIRT, ACCEPTED AS BC OF ESTABLISHMENT NOTE
- 31

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 0.8' IN DIRT, ACCEPTED AS PCC OF ESTABLISHMENT NOTE
- 32

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED "O.C.S.", PER (R1), DOWN 0.6' IN DIRT, S57°40'59"E 0.06' FROM PCC ESTABLISHMENT NOTE

MONUMENT NOTES

- 33

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.5' IN DIRT, ACCEPTED AS BC OF ESTABLISHMENT NOTE
- 34

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R1), DOWN 0.2' IN DIRT, N27°51'14"W 0.05' FROM BC ESTABLISHMENT NOTE
- 35

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R1), DOWN 0.4' IN DIRT, N61°31'01"E 0.20' FROM EC ESTABLISHMENT NOTE
- 36

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.6' IN DIRT, S66°04'40"E 0.06' FROM THE INTERSECTION BETWEEN ESTABLISHMENT NOTES AND
- 37

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.8' IN DIRT, S59°35'45"E 0.1' FROM BC ESTABLISHMENT NOTE
- 38

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.3' IN DIRT, S54°41'07"E 0.33' FROM THE INTERSECTION BETWEEN ESTABLISHMENT NOTES AND
- 39

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R1), DOWN 0.6' IN DIRT, S16°26'56"E 0.07' FROM SW'LY CORNER OF PARCEL 1 OF (R22)
- 40

FOUND 4"x4" CONC. MON. WITH LEAD AND BRASS NAIL, PER (R1), DOWN 1.4' IN DIRT, S67°13'07"W 0.38' FROM S'LY TERMINUS OF TIE LINE CALLED FOR IN (R20).
- 41

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R1), FLUSH IN DIRT, ACCEPTED AS NW'LY CORNER OF PARCEL 2 OF (R22)
- 42

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R1), DOWN 0.4' IN DIRT, S41°08'01"E 1.34' FROM BC ESTABLISHMENT NOTE
- 43

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R1), DOWN 0.2' IN DIRT, S35°09'02"E 1.33' FROM EC ESTABLISHMENT NOTE
- 44

FOUND LEAD, BRASS NAIL W/TAG, STAMPED "O.C.S. TIE", FLUSH IN CONCRETE CURB, ACCEPTED FOR TIES PER (R30).
- 45

FOUND LEAD, BRASS NAIL W/TAG, STAMPED "O.C.S. TIE", FLUSH IN CONCRETE CURB, ACCEPTED FOR TIES PER (R30).
- 46

FOUND LEAD, BRASS NAIL W/TAG, STAMPED "O.C.S. TIE", FLUSH IN CONCRETE CURB, ACCEPTED FOR TIES PER (R30).
- 47

FOUND LEAD, BRASS NAIL W/TAG, STAMPED "O.C.S. TIE", FLUSH IN CONCRETE CURB, ACCEPTED FOR TIES PER (R30).
- 48

FOUND 2 1/2" PUNCHED BRASS DISK, STAMPED "8-99", PER (R30), DOWN 1.5' IN O.C.S. WELL MONUMENT, ACCEPTED AS THE CENTERLINE BC OF MESA DRIVE.
- 49

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.3' IN DIRT, N26°11'27"W 0.10' FROM EC ESTABLISHMENT NOTE
- 50

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.4' IN DIRT, S60°31'07"W 0.24' FROM THE INTERSECTION BETWEEN ESTABLISHMENT NOTES AND
- 51

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.4' IN DIRT, N65°17'24"W 0.04' FROM EC ESTABLISHMENT NOTE
- 52

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 2.30' IN DIRT, ACCEPTED AS EC ESTABLISHMENT NOTE AND BC ESTABLISHMENT NOTE
- 53

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.85' IN DIRT, ACCEPTED AS THE INTERSECTION BETWEEN ESTABLISHMENT NOTES AND
- 54

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.90' IN DIRT, ACCEPTED AS BC ESTABLISHMENT NOTE
- 55

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 1.40' IN DIRT, N38°07'38"W 0.07' FROM EC ESTABLISHMENT NOTE
- 56

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.80' IN DIRT, ACCEPTED AS BC ESTABLISHMENT NOTE
- 57

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.80' IN DIRT, ACCEPTED AS POINT ON ESTABLISHMENT NOTE AND N12°19'24"E 0.16' FROM INTERSECTION BETWEEN ESTABLISHMENT NOTES AND
- 58

FOUND 1 1/2" IRON PIPE AND TAG STAMPED 'LS 6042', PER (R36), DOWN 0.20' IN DIRT, S51°02'41"E 0.04' FROM EC ESTABLISHMENT NOTE
- 59

FOUND 1 1/2" IRON PIPE AND TAG STAMPED 'LS 6042', PER (R36), DOWN 0.20' IN DIRT, ACCEPTED AS ANGLE POINT IN SOUTHEASTERLY LINE OF (R38)

MONUMENT NOTES

- 60

FOUND 1 1/2" IRON PIPE AND TAG STAMPED 'LS 6042', PER (R36), DOWN 0.20' IN DIRT, ANGLE POINT IN SOUTHEASTERLY LINE OF (R38)
- 61

FOUND 1 1/2" IRON PIPE AND TAG STAMPED 'LS 6042', PER (R36), DOWN 0.20' IN DIRT, ACCEPTED AS ANGLE POINT IN SOUTHEASTERLY LINE OF (R38)
- 62

FOUND 1 1/2" IRON PIPE AND TAG STAMPED 'LS 6042', PER (R36), FLUSH IN DIRT, ACCEPTED AS ANGLE POINT TIN SOUTHEASTERLY LINE OF (R38)
- 63

FOUND 1 1/2" IRON PIPE AND TAG STAMPED 'LS 6042', PER (R36), FLUSH IN DIRT, ACCEPTED AS ANGLE POINT IN SOUTHEASTERLY LINE OF (R38)
- 64

FOUND 1 1/2" IRON PIPE AND TAG STAMPED 'LS 6042', PER (R36), DOWN 0.3' IN DIRT, ACCEPTED AS ANGLE POINT ON SOUTHEASTERLY LINE OF (R38)
- 65

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.1' IN DIRT, ACCEPTED AS SOUTHERLY CORNER OF (R38)
- 66

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.15' IN DIRT, ACCEPTED AS INTERSECTION BETWEEN ESTABLISHMENT NOTES AND
- 67

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.6' IN DIRT, N64°09'06"W 0.03' FROM EC ESTABLISHMENT NOTE
- 68

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.3' IN DIRT, N28°04'46"E 0.09' FROM BC ESTABLISHMENT NOTE
- 69

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), FLUSH IN DIRT, ACCEPTED AS THE SE'LY LINE ESTABLISHMENT AND S61°46'08"E 0.28' FROM THE INTERSECTION BETWEEN ESTABLISHMENT NOTES AND
- 70

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.2' IN DIRT, ACCEPTED AS BC ESTABLISHMENT NOTE
- 71

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 0.1' IN DIRT, S33°57'05"W 0.07' FROM THE INTERSECTION BETWEEN ESTABLISHMENT NOTES AND
- 72

FOUND 2" IRON PIPE AND 1 1/4 " TAG STAMPED 'OCS', PER (R27), DOWN 1.7' IN DIRT, N63°34'25"W 0.05' FROM THE INTERSECTION BETWEEN ESTABLISHMENT NOTES AND
- 73

FOUND 2" PUNCHED BRASS DISK, PER (R41), DOWN 0.8' IN O.C.S. WELL MONUMENT, ACCEPTED AS THE CENTERLINE INTERSECTION OF MONTE VISTA AV. AND IRVINE AV.
- 74

FOUND PUNCHED SPIKE AND WASHER STAMPED '8-99', PER (R49), FLUSH IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF MESA DRIVE AND ACACIA ST.
- 75

FOUND PUNCHED ROUND HEAD SPIKE, PER (R48), DOWN 0.3 IN AC, ACCEPTED AS THE CENTERLINE INTERSECTION OF ORCHARD DR. AND ACACIA ST.

|                                                                                                                                                                                                                                               |                                                                                                                  |                                                                                          |                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------|
| <div><div>6</div><div>8/25/28</div><div>8</div><div>10/22/24</div><div>7</div><div>7/24/23</div><div>6</div><div>6/29/23</div><div>7</div><div>7/12/22</div><div>5</div><div>5/19/22</div><div>MARK</div><div>DATE</div><div>ITEM</div></div> | COUNTY OF ORANGE<br>OC PUBLIC WORKS/ENGINEERING SERVICES<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |                                                                                          |                                 |
|                                                                                                                                                                                                                                               | SANTA ANA DELHI<br>CHANNEL (F01)                                                                                 |                                                                                          |                                 |
|                                                                                                                                                                                                                                               | BOUNDARY AND RIGHT OF WAY ESTABLISHMENT SHEETS                                                                   |                                                                                          |                                 |
|                                                                                                                                                                                                                                               | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE.<br>TO: 800' WESTERLY OF BIKE BRIDGE OF OVER F01 CHANNEL.          |                                                                                          |                                 |
|                                                                                                                                                                                                                                               | DATE OF SURVEY: 04/16/2020                                                                                       | BY: T. LOFGREEN & PARTY                                                                  | SHEET NO.<br><div>3 of 17</div> |
| TOPOGRAPHIC MAPPING                                                                                                                                                                                                                           |                                                                                                                  | BY: H. AFTIM                                                                             |                                 |
| OFFICE CHECK                                                                                                                                                                                                                                  |                                                                                                                  | BY: M. KUBISTY                                                                           |                                 |
| FIELD CHECK                                                                                                                                                                                                                                   |                                                                                                                  | BY: T. LOFGREEN & PARTY                                                                  |                                 |
| SCALE: N.T.S.                                                                                                                                                                                                                                 |                                                                                                                  | W.O. #EF16404S<br>FILE #1920PW-IN0016<br>SANTA ANA_DELHI_CHANNEL (F01)_BOUNDARY_2020.DWG |                                 |



| CURVE TABLE |            |          |         |                 |                 |               |
|-------------|------------|----------|---------|-----------------|-----------------|---------------|
| CURVE #     | DELTA      | RADIUS   | LENGTH  | RECORD DELTA    | RECORD RADUIS   | RECORD LENGTH |
| C1          | 33°51'12"  | 150.00'  | 88.63'  | (33°52'10" R2)  | (150.00' R2)    | (88.67' R2)   |
| C2          | 27°07'49"  | 140.00'  | 66.29'  | (27°07'58" R2)  | (140.00' R2)    | (66.30' R2)   |
| C3          | 27°25'54"  | 219.99'  | 105.33' | (27°25'00" R2)  | (220.00' R2)    | (105.27' R2)  |
| C4          | 19°58'54"  | 399.99'  | 139.50' | (19°58'14" R2)  | (400.00' R2)    | (139.41' R2)  |
| C5          | 18°51'14"  | 619.98'  | 204.01' | (18°52'00" R2)  | (620.00' R2)    | (204.16' R2)  |
| C6          | 108°37'24" | 165.00'  | 312.81' | (108°38'00" R2) | (165.00' R2)    | (312.84' R2)  |
| C7          | 27°25'54"  | 244.99'  | 117.30' | (27°25'00" R2)  | (245.00' R2)    | (117.24' R2)  |
| C8          | 27°07'49"  | 115.00'  | 54.45'  | (27°07'58" R2)  | (115.00' R2)    | (54.46' R2)   |
| C9          | 18°45'53"  | 919.98'  | 301.30' | (18°46'51" R2)  | (920.00' R2)    | (301.56' R2)  |
| C10         | 26°50'37"  | 358.99'  | 168.19' | (26°50'16" R2)  | (358.99' R2)    | (168.16' R2)  |
| C11         | 52°43'21"  | 269.99'  | 248.44' | (52°43'55" R2)  | (270.00' R2)    | (248.49' R2)  |
| C12         | 8°03'58"   | 2059.95' | 290.00' | (24°30'21" R27) | (2060.00' R27)  | (289.92' R27) |
| C13         | 50°58'12"  | 169.99'  | 169.01' | (50°58'10" R21) | (190.00' R21)   | (169.02' R21) |
| C14         | 8°53'46"   | 2109.95' | 327.60' | (M&R CR31)      | (2110.00' R31)  | (M&R CR31)    |
| C15         | 0°32'25"   | 2109.95' | 19.89'  | (M&R CR31)      | (2110.00' CR31) | (M&R CR31)    |
| C16         | 0°32'25"   | 2079.95' | 19.61'  | (0°32'25" R31)  | (2080.00' R31)  | (M&R R31)     |
| C17         | 3°38'46"   | 799.98'  | 50.91'  | (03°38'50" R27) | (800.00' R27)   | (50.93' R27)  |
| C18         | 0°48'02"   | 799.98'  | 11.18'  | (00°47'56" R27) | (800.00' R27)   | (11.15' R27)  |
| C19         | 10°15'22"  | 499.99'  | 89.50'  | (10°15'20" R2)  | (500.00' R31)   | (89.50' R31)  |
| C20         | 10°15'22"  | 469.99'  | 84.13'  | (M&R CR31)      | (470.00' CR31)  | (M&R CR31)    |

| CURVE TABLE |           |          |         |                 |                 |               |
|-------------|-----------|----------|---------|-----------------|-----------------|---------------|
| CURVE #     | DELTA     | RADIUS   | LENGTH  | RECORD DELTA    | RECORD RADUIS   | RECORD LENGTH |
| C21         | 18°52'38" | 2079.95' | 685.28' | (M&R CR31)      | (2080.00' CR31) | (M&R CR31)    |
| C22         | 27°35'02" | 239.99'  | 115.54' | (27°34'55" R21) | (240.00' R21)   | (M&R R21)     |
| C23         | 27°34'59" | 299.99'  | 144.42' | (M&R R20)       | (300.00' R20)   | (M&R R20)     |
| C24         | 16°38'14" | 329.99'  | 95.82'  | (16°38'09" R21) | (330.00' R21)   | (M&R R21)     |
| C25         | 18°11'23" | 718.36'  | 228.06' | (18°11'25" R21) | (718.40' R21)   | (280.78' R21) |
| C26         | 27°25'02" | 277.71'  | 132.89' | (27°24'55" R20) | (277.72' R20)   | (M&R R20)     |
| C27         | 50°58'12" | 175.99'  | 156.56' | (M&R CR25)      | (176.00' CR25)  | (M&R CR25)    |
| C28         | 0°39'55"  | 2061.95' | 23.94'  | (00°39'21" R27) | (2062.00' R27)  | (23.61' R27)  |
| C29         | 0°58'18"  | 2061.95' | 34.96'  | (00°58'18" R27) | (2062.00' R27)  | (34.97' R27)  |
| C30         | 2°17'50"  | 2061.95' | 82.67'  | (02°17'50" R27) | (2062.00' R27)  | (82.66' R27)  |
| C31         | 18°47'52" | 399.99'  | 131.23' | (18°47'50" R20) | (400.00' R20)   | (M&R R20)     |
| C32         | 2°58'42"  | 499.99'  | 25.99'  | (M&R CR31)      | (500.00' CR31)  | (M&R CR31)    |
| C33         | 13°48'43" | 499.99'  | 120.53' | (16°47'23" R31) | (500.00' R31)   | (M&R CR31)    |

REFERENCES

- (R1) = RECORD OF SURVEY RSB 110/39–42  
(R2) = TRACT NO. 3068, MM 93/9–11  
(R3) = RECORD OF SURVEY RSB 176/45–50  
(R4) = RECORD OF SURVEY RSB 209/31  
(R5) = RECORD OF SURVEY RSB 222/7  
(R6) = PARCEL MAP NO. 82–710, P.M.B. 176/42–43  
(R7) = PARCEL MAP P.M.B. 3/35  
(R8) = RECORD OF SURVEY RSB 172/27  
(R9) = RECORD OF SURVEY RSB 137/24–31  
(R10) = RECORD OF SURVEY RSB 121/37  
(R11) = RECORD OF SURVEY RSB 183/10–17  
(R12) = RECORD OF SURVEY RSB 273/36–44  
(R13) = RECORD PER CERTIFICATE OF CORRECTION RECORDED 04/18/1995, AS INSTRUMENT 1995–00159849 O.R.  
(R14) = RECORD PER CERTIFICATE OF CORRECTION RECORDED 09/03/1996, AS INSTRUMENT 1996–00449461 O.R.  
(R15) = RECORD PER O.C.F.C.D. DRAWING F01–101–8–A  
(R16) = RECORD OF SURVEY RSB 180/17–24  
(R17) = CORNER RECORD , C.R. 2001–0831  
(R18) = CORNER RECORD , C.R. 1999–0423  
(R19) = O.C.S. ALIGNMENT NOTE A/SW/IRV, PG. 2258  
(R20) = EASEMENT AND RIGHT OF WAY TO THE O.C.F.C.D., RECORDED 1/11/1949, IN BOOK 1804 PAGE 432 O.R.  
(R21) = PERPETUAL EASEMENT AND RIGHT OF WAY FOR O.C.F.C.D., RECORDED 11/8/1961, IN BOOK 5906 PAGE 516 O.R.  
(R22) = EXISTING PROPERTY OWNED IN FEE BY THE ORANGE COUNTY, RECORDED 09/04/1997, AS INSTRUMENT 1997–0428866 O.R.  
(R23) = PERPETUAL EASEMENT AND RIGHT OF WAY FOR O.C.F.C.D., RECORDED 01/07/1997, AS INSTRUMENT 1997–0008767 O.R.  
(R24) = RIGHT OF WAY MAP Z99629.  
(R25) = EXISTING PROPERTY OWNED IN FEE BY THE O.C.F.C.D., RECORDED 12/24/1990, AS INSTRUMENT 1990–670389 O.R.  
(R26) = RECORD PER OCS SURVEY FILE NO. 1112PW–FL550005 SURVEY CONTROL SCHEMATIC.  
(R27) = RECORD OF SURVEY RSB 146/2–7  
(R28) = 20' IRREVOCABLY OFFERED TO DEDICATE (NOT YET ACCEPTED), EASEMENT FOR RECREATIONAL PURPOSES TO ORANGE COUNTY HARBORS, BEACHES AND PARKS DISTRICT, RECORDED 06/30/1975, IN BOOK 11446 PAGE 210 O.R.  
(R29) = TRACT NO. 706, MM 21/25  
(R30) = CORNER RECORD, C.R. 2014–1430B  
(R31) = EXISTING NON–EXCLUSIVE EASEMENT FOR PEDESTRIAN AND BICYCLE INGRESS AND EGRESS TO THE STATE OF CALIFORNIA, RECORDED 4/22/1975, IN BOOK 11382 PAGE 1909 O.R.  
(R32) = O.R. 2207/196 RECORDED 07/23/1951  
(R33) = RECORD OF SURVEY RSB 143/2–7  
(R34) = RECORD OF SURVEY RSB 172/27  
(R35) = EXISTING PROPERTY OWNED IN FEE BY THE COUNTY OF ORANGE, RECORDED 11/27/1990, AS INSTRUMENT 90–395556 O.R.  
(R36) = PARCEL MAP NO. 2016–157, P.M.B. 394/37–43  
(R37) = O.R. 2273/175 RECORDED 01/11/1952  
(R38) = EXISTING PROPERTY OWNED IN FEE BY THE ORANGE COUNTY FLOOD CONTROL DISTRICT, BY FINAL ORDER CONDEMNATION, RECORDED 12/15/1978. IN BOOK 11997 PAGE 22 O.R.  
(R39) = O.R. 11382/1898  
(R40) = RECORD PER OCS SURVEY FILE NO. 1112PW–FL550005  
(R41) = RECORD OF SURVEY RSB 137/24–31  
(R42) = RECORD OF SURVEY RSB 105/5  
(R43) = RECORD PER O.C.F.C.D DRAWING F01–701–11A  
(R44) = RECORD PER O.C.F.C.D DRAWING F01–101–8A  
(R45) = CORNER RECORD, C.R. 2013–2668  
(R46) = PARCEL MAP P.M.B. 3/35  
(R47) = TRACK NO. 376 15/29  
(R48) = PARCEL MAP P.M.B 219/20–21  
(R49) = CORNER RECORD, 1999–0423

EASEMENT NOTES

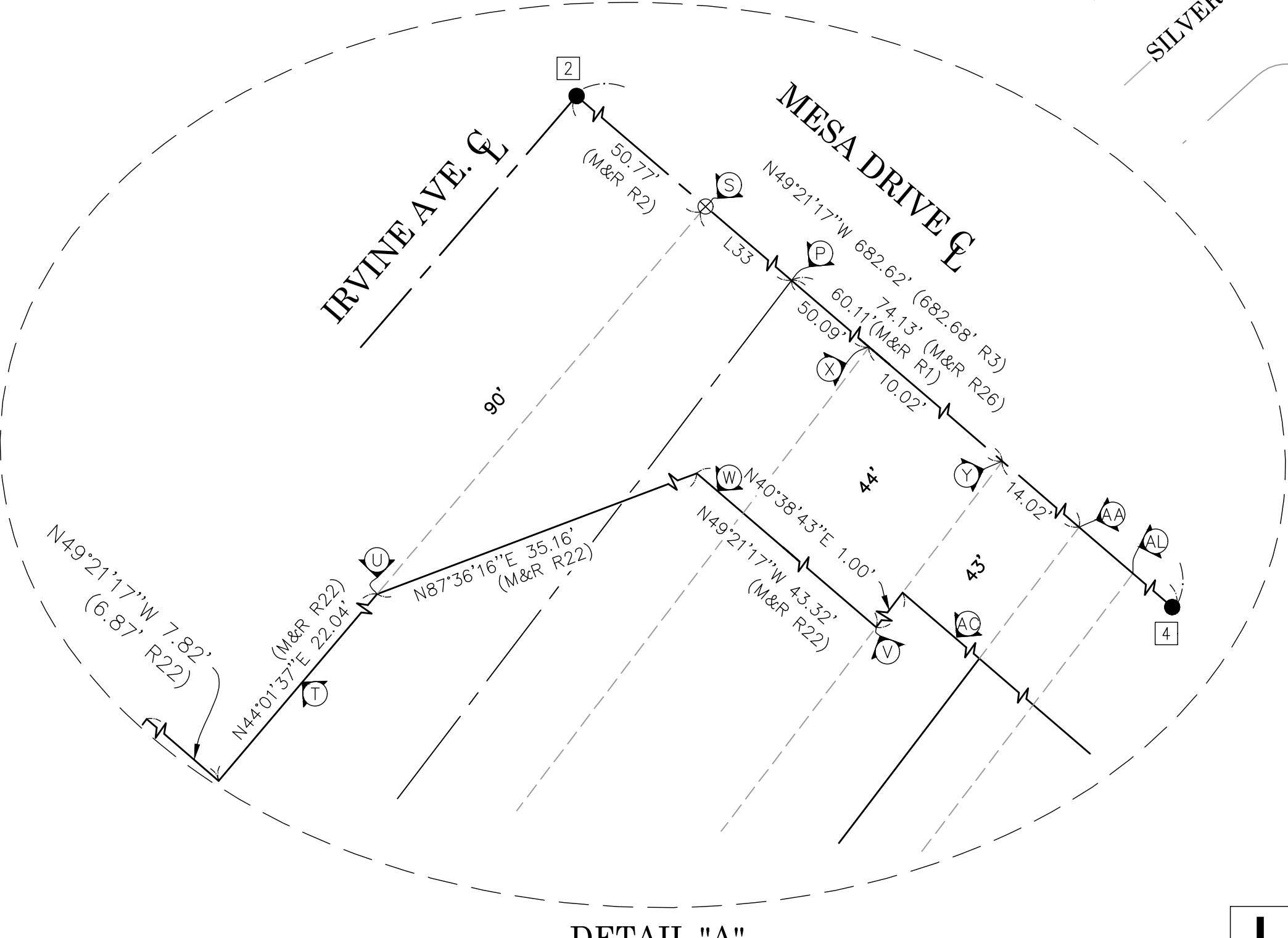
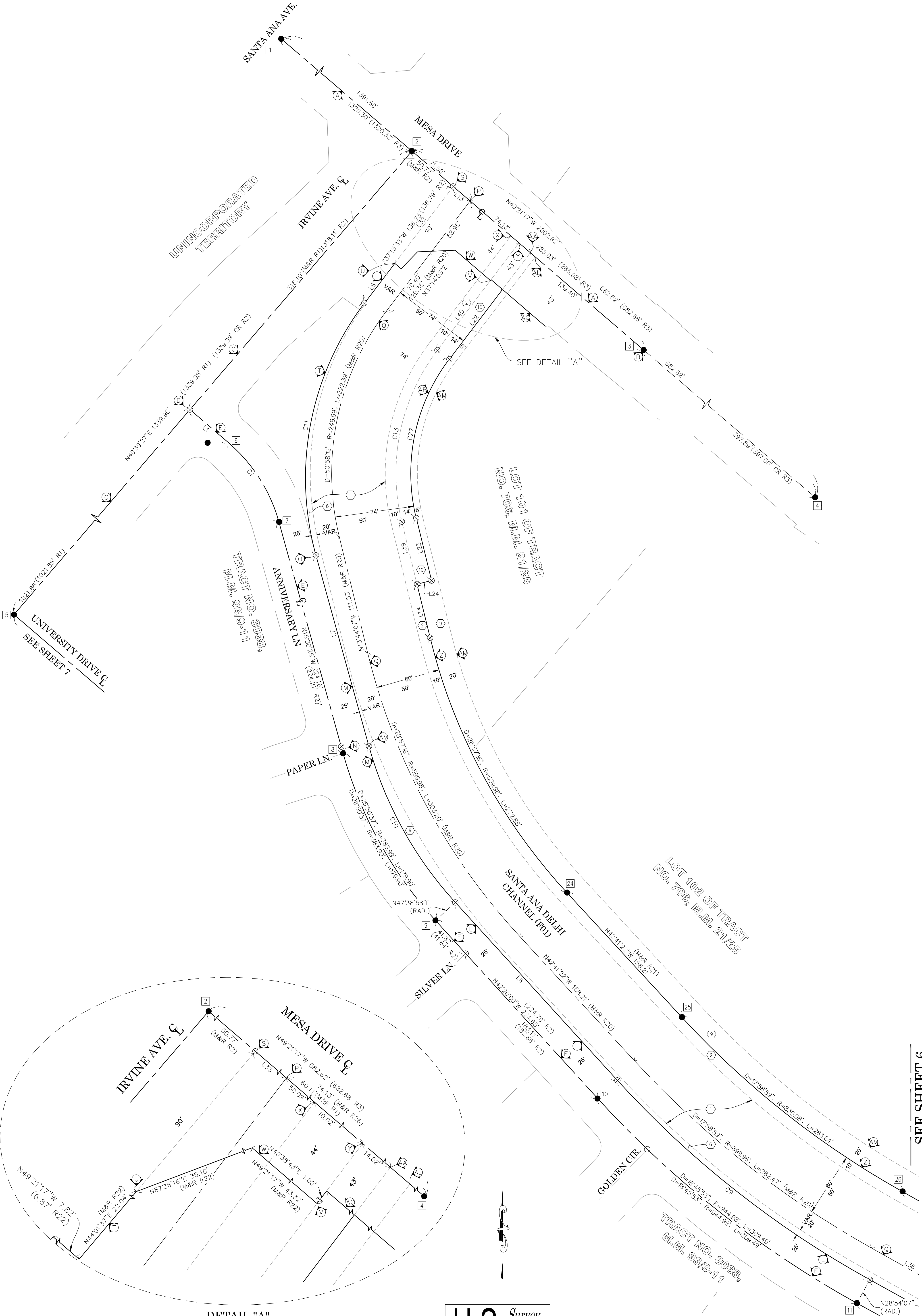
- ① EXISTING EASEMENT AND RIGHT OF WAY TO THE ORANGE COUNTY FLOOD CONTROL DISTRICT, RECORDED 1/11/1949, IN BOOK 1804 PAGE 432 O.R. (R20)  
② EXISTING PERPETUAL EASEMENT AND RIGHT OF WAY FOR FLOOD CONTROL PURPOSES TO THE ORANGE COUNTY FLOOD CONTROL DIRSTRIC, RECORDED 11/8/1961, IN BOOK 5906 PAGE 516 O.R.  
③ EXISTING PROPERTY OWNED IN FEE BY THE ORANGE COUNTY FLOOD CONTROL DISTRICT, RECORDED 11/27/1990, AS INSTRUMENT 90–395556 O.R  
④ EXISTING PROPERTY OWNED IN FEE BY THE ORANGE COUNTY FLOOD CONTROL DISTRICT, BY FINAL ORDER CONDEMNATION, RECORDED 12/15/1978. IN BOOK 11997 PAGE 22 O.R.  
⑤ EXISTING 30' WIDE STRIP OWNED IN FEE BY THE COUNTY OF ORANGE, RECORDED 3/12/1974, IN BOOK 11093 PAGE 1811 O.R.  
⑥ EXISTING VARIABLE STRIP OWNED IN FEE BY THE ORANGE COUNTY FLOOD CONTROL DISTRICT, RECORDED 11/23/1956, IN BOOK 3721 PAGE 130 O.R  
⑦ EXISTING PROPERTY OWNED IN FEE BY THE ORANGE COUNTY FLOOD CONTROL DISTRICT, RECORDED 02/15/1961, IN BOOK 5629 PAGE 45 O.R.  
⑧ EXISTING NON–EXCLUSIVE EASEMENT FOR PEDESTRIAN AND BICYCLE INGRESS AND EGRESS TO THE STATE OF CALIFORNIA, RECORDED 4/22/1975, IN BOOK 11382 PAGE 1909 O.R.  
⑨ 20' IRREVOCABLY OFFERED TO DEDICATE (NOT YET ACCEPTED), EASEMENT FOR RECRETATIONAL PURPOSES TO ORANGE COUNTY HARBORS, BEACHES AND PARKS DISTRICT, RECORDED 6/30/1975, IN BOOK 11446 PAGE 210 O.R.  
⑩ 14' WIDE STRIP OWNED IN FEE, BY THE ORANGE COUNTY FLOOD CONTROL DISTRICT, RECORDED 12/24/1990, AS INSTRUMENT 90–670389 O.R.  
⑪ 30' WIDE STRIP EASEMENT AND RIGHT OF WAY TO THE CITY OF NEWPORT BEACH, RECORDED 11/04/1986, AS INSTRUMENT 86–528284 O.R.  
⑫ 30' WIDE STRIP EASEMENT AND RIGHT OF WAY TO THE CITY OF NEWPORT BEACH, RECORDED 10/20/1986, AS INSTRUMENT 86–494140 O.R.  
⑬ 10' WIDE STRIP EASEMENT AND RIGHT OF WAY TO THE CITY OF NEWPORT BEACH, RECORDED 04/22/1975, AS INSTRUMENT 11382–1936 O.R.  
⑭ 50' WIDE STRIP EASEMENT AND RIGHT OF WAY TO THE CITY OF NEWPORT BEACH, RECORDED 06/06/1982, AS INSTRUMENT 82–232549 O.R.  
⑮ 60' WIDE STRIP EASEMENT FOR DRAINAGE MAINTENANCE, RECORDED 03/12/1929, IN BOOK 246 PAGE 495 O.R. QUITCLAIMED TO IRVINE CO. PER O.R. 1804–432  
⑯ 60' WIDE STRIP EASEMENT FOR ROAD PURPOSES, RECORDED 03/12/1929, IN BOOK 530 PAGE 128 DDS  
⑰ 10' WIDE STRIP EASEMENT FOR PEDESTRIAN AND BICYCLE TRAIL PURPOSES TO THE CITY OF NEWPORT BEACH PER (R6).

| LINE TABLE |             |                   |                 |
|------------|-------------|-------------------|-----------------|
| LINE #     | BEARING     | MEASURED DISTANCE | RECORD DISTANCE |
| L1         | N49°21'37"W | 47.70'            | 47.78' (R2)     |
| L2         | S46°40'00"W | 8.73'             | 8.68' (R2)      |
| L3         | N62°51'36"W | 26.55'            | 26.46' (R1)     |
| L4         | N88°14'26"W | 260.40'           | (M&R R2)        |
| L5         | N61°05'20"W | 133.18'           | 133.20' (R2)    |
| L6         | N42°20'00"W | 224.94'           | 224.70' (R2)    |
| L7         | N15°30'25"W | 184.81'           | (M&R R1)        |
| L8         | S37°15'33"W | 46.57'            | 46.69' (R40)    |
| L9         | N11°57'16"W | 1.66'             | (1.62' R1)      |
| L10        | N85°27'28"E | 81.76'            | (M&R R1&R41)    |
| L11        | N18°25'45"W | 58.24'            | (M&R R1&R41)    |
| L12        | N65°59'18"E | 7.62'             | (M&R R20)       |
| L13        | N49°21'17"W | 20.73'            | 20.82' (R1)     |
| L14        | N13°44'07"W | 51.53'            | (M&R CR21)      |
| L15        | N66°50'35"W | 13.41'            | (M&R R27)       |
| L16        | N60°40'22"W | 84.33'            | (M&R R21)       |
| L17        | N40°37'43"E | 130.21'           | (M&R R31)       |
| L18        | N71°44'48"E | 29.24'            | (M&R R21)       |
| L19        | S16°19'53"E | 40.00'            | (M&R R21)       |
| L20        | S16°19'53"E | 60.00'            | (M&R R21)       |

| LINE TABLE |             |                   |                 |
|------------|-------------|-------------------|-----------------|
| LINE #     | BEARING     | MEASURED DISTANCE | RECORD DISTANCE |
| L21        | N49°21'48"E | 310.31'           | (310.32' R21)   |
| L22        | N37°14'03"E | 81.86'            | (81.85' R40)    |
| L23        | N13°44'07"W | 60.00'            | (M&R R25)       |
| L24        | S76°15'53"W | 14.00'            | (M&R CR25)      |
| L25        | N49°13'59"W | 19.78'            | (19.71' R27)    |
| L26        | N49°13'59"W | 30.22'            | (M&R R27)       |
| L27        | N49°13'59"W | 21.84'            | (21.91' R27)    |
| L28        | N47°09'46"E | 244.33'           | (244.34' R31)   |
| L29        | N47°09'46"E | 244.33'           | (244.34' CR31)  |
| L30        | N57°25'06"E | 226.30'           | (M&R CR31)      |
| L31        | N57°25'06"E | 186.34'           | (M&R CR31)      |
| L32        | S37°15'33"W | 90.16'            | (M&R R40)       |
| L33        | S29°23'00"W | 56.02'            | (M&R R38)       |
| L34        | S13°11'06"W | 24.03'            | (M&R CR38)      |
| L35        | S13°11'06"W | 43.97'            | (M&R CR38)      |
| L36        | N60°40'22"W | 84.33'            | (M&R R20)       |
| L37        | N57°25'06"E | 226.10'           | (M&R CR31)      |
| L38        | N49°21'48"E | 57.13'            | (57.14' R27)    |
| L39        | N13°44'07"W | 60.00'            | (M&R CR21)      |
| L40        | N37°14'03"E | 125.77'           | (M&R CR21)      |

|                                                        |                                                                                                                                                                                   |                                                                                                                  |               |                                 |                     |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------|---------------------|
| <div><div>⑧</div><div>08/25/25</div><div>⑧</div></div> | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00, LOCATED ELY FENCE AND CLEANED UP BOUNDARY SHEETS                                                                        | COUNTY OF ORANGE<br>OC PUBLIC WORKS/ENGINEERING SERVICES<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING |               |                                 |                     |
| <div><div>⑤</div><div>10/22/24</div><div>⑤</div></div> | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                               | SANTA ANA DELHI<br>CHANNEL (F01)                                                                                 |               |                                 |                     |
| <div><div>④</div><div>7/24/23</div><div>④</div></div>  | ALIGNMENT LABEL UPDATE                                                                                                                                                            | BOUNDARY AND RIGHT OF WAY ESTABLISHMENT SHEETS                                                                   |               |                                 |                     |
| <div><div>③</div><div>6/29/23</div><div>③</div></div>  | TEXT UPDATE                                                                                                                                                                       | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE.<br>TO: 800' WESTERLY OF BIKE BRIDGE OF OVER F01 CHANNEL.          |               | SHEET NO.<br><div>4 of 17</div> |                     |
| <div><div>②</div><div>7/12/22</div><div>②</div></div>  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT, CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE | DATE OF SURVEY:04/16/2020                                                                                        |               |                                 |                     |
|                                                        |                                                                                                                                                                                   | TOPOGRAPHIC MAPPING                                                                                              |               |                                 |                     |
|                                                        |                                                                                                                                                                                   | OFFICE CHECK                                                                                                     |               |                                 |                     |
| <div><div>①</div><div>5/19/22</div><div>①</div></div>  | ADDED ENCUMBRANCE SHEET 8                                                                                                                                                         | FIELD CHECK                                                                                                      |               |                                 |                     |
| MARK                                                   | DATE                                                                                                                                                                              | ITEM                                                                                                             | SCALE: N.T.S. | W.O. #EF16404S                  | FILE #1920PW-IN0016 |
| REVISIONS                                              |                                                                                                                                                                                   |                                                                                                                  |               |                                 |                     |
| FILE:SANTA ANA_DELHI CHANNEL (F01)_BOUNDARY_2020.DWG   |                                                                                                                                                                                   |                                                                                                                  |               |                                 |                     |





NOTES

STREET R/W SHOWN IN BOLD ESTABLISHED BY THIS SURVEY. THE LOT LINES ARE FOR GRAPHICAL PRESENTATION ONLY.

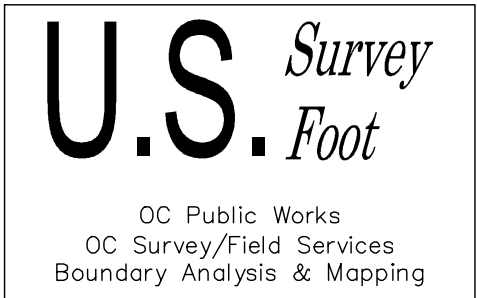
RECORD DISTANCES SHOWN HERON ARE AS THEY APPEAR ON THE DOCUMENT OF RECORD. DISTANCES MAY BE EITHER GRID OR GROUND, AS PER SAID RECORD.

REFERENCE DOCUMENTS IN THE REFERENCE LEGEND ARE LIVE HYPERLINKS TO SAID DOCUMENT.

MONUMENT SYMBOLS CONTAIN LIVE HYPERLINKS TO IMAGES, IF THEY EXIST, OF RESPECTIVE MONUMENT.

LEGEND

- FOUND MONUMENT AS NOTED
- ⊗ SEARCHED, NOTHING FOUND / S.N.F.
- CR CALC. FROM RECORD MAP
- R RECORD MAP
- M MEASURED



|                                                                                     |          |                                                                                                                                                                                                              |                                                                                                                     |                                                       |
|-------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <div><div>6</div><div>5</div><div>4</div><div>3</div><div>2</div><div>1</div></div> | 08/25/25 | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00, LOCATED ELY FENCE AND CLEANED UP BOUNDARY SHEETS                                                                                                   | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING                         |                                                       |
|                                                                                     | 10/22/24 | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                                                          | <b>SANTA ANA DELHI CHANNEL (F01)</b>                                                                                |                                                       |
|                                                                                     | 7/24/23  | ALIGNMENT LABEL UPDATE                                                                                                                                                                                       | BOUNDARY AND RIGHT OF WAY ESTABLISHMENT SHEETS                                                                      |                                                       |
|                                                                                     | 6/29/23  | TEXT UPDATE                                                                                                                                                                                                  | PROJECT LIMITS: FROM DOWNSTREAM OF BIKE BRIDGE OVER F01 CHANNEL. TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL. |                                                       |
| <div><div>1</div></div>                                                             | 7/12/22  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE. ADDED ENCUMBRANCE SHEET 8 | DATE OF SURVEY: 04/16/2020                                                                                          | BY: T. LOFGREEN & PARTY                               |
|                                                                                     | 5/19/22  |                                                                                                                                                                                                              | TOPOGRAPHIC MAPPING                                                                                                 | BY: H. AFTIM                                          |
|                                                                                     |          |                                                                                                                                                                                                              | OFFICE CHECK                                                                                                        | BY: M. KUBISTY                                        |
|                                                                                     |          |                                                                                                                                                                                                              | FIELD CHECK                                                                                                         | BY: T. LOFGREEN & PARTY                               |
| MARK                                                                                |          | DATE                                                                                                                                                                                                         | ITEM                                                                                                                | SCALE: 1"=40'                                         |
|                                                                                     |          |                                                                                                                                                                                                              |                                                                                                                     | W.O. #EF16404S                                        |
|                                                                                     |          |                                                                                                                                                                                                              |                                                                                                                     | FILE #1920PW-IN0016                                   |
|                                                                                     |          |                                                                                                                                                                                                              |                                                                                                                     | FILE: SANTA ANA_DELHI CHANNEL (F01)_BOUNDARY_2020.DWG |



SEE SHEET 5

SEE SHEET 7

PORTION OF LOT 103 OF  
TRACT NO. 706, M.M. 21/25

SANTA ANA DELHI  
CHANNEL (F01)

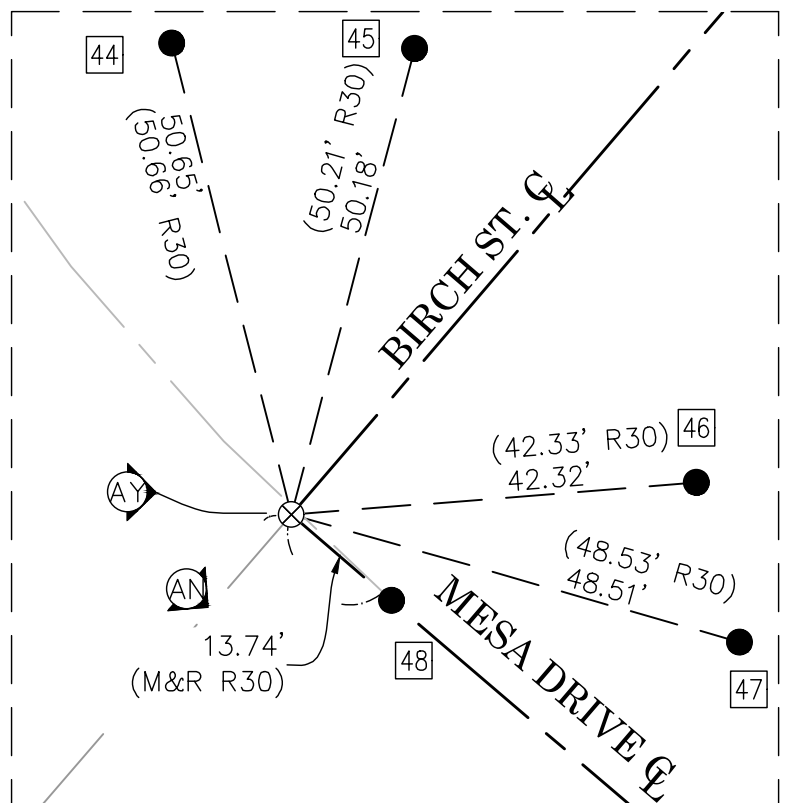
ANNIVERSARY LN

TRACT NO. 3068,  
M.M. 93/9-11

TRACT NO. 3068,  
M.M. 93/9-11

ANNIVERSARY LN  
SANTA ANA DELHI  
CHANNEL (F01)

R.S.B. 172/27  
PARCEL MAP  
2016-157  
PMB 394/37-43



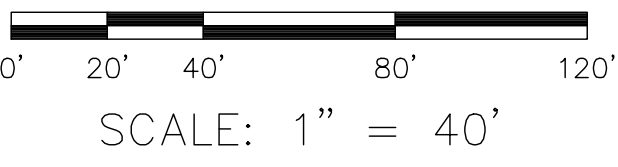
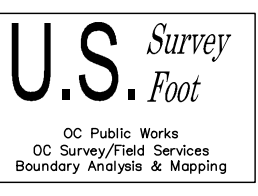
DETAIL C  
N.T.S.

DETAIL B  
N.T.S.

SEE DETAIL B

NOTES

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|           |          |                                                                                                                                                                                   |                                                                                                 |                   |                         |  |
|-----------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------|-------------------------|--|
| 6         | 08/25/25 | TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00, LOCATED ELY FENCE AND CLEANED UP BOUNDARY SHEETS                                                                        | COUNTY OF ORANGE<br>OC PUBLIC WORKS<br>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING     |                   |                         |  |
|           |          |                                                                                                                                                                                   | SANTA ANA DELHI<br>CHANNEL (F01)                                                                |                   |                         |  |
| 5         | 10/22/24 | FIXED COURSE L3 ON DETAIL B SHEET 6                                                                                                                                               | BOUNDARY AND RIGHT OF WAY ESTABLISHMENT SHEETS                                                  |                   |                         |  |
|           |          |                                                                                                                                                                                   | PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL |                   |                         |  |
| 4         | 7/24/23  | ALIGNMENT LABEL UPDATE                                                                                                                                                            | DATE OF SURVEY: 04/16/2020                                                                      |                   | BY: T. LOFGREEN & PARTY |  |
|           |          |                                                                                                                                                                                   | TOPOGRAPHIC MAPPING                                                                             |                   | BY: H. AFTIM            |  |
| 3         | 6/29/23  | TEXT UPDATE                                                                                                                                                                       | OFFICE CHECK                                                                                    |                   | BY: M. KUBISTY          |  |
|           |          |                                                                                                                                                                                   | FIELD CHECK                                                                                     |                   | BY: T. LOFGREEN & PARTY |  |
| 2         | 7/12/22  | CHANGED EASEMENT NOTES 2 & 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT. CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE | SCALE: 1"=40'                                                                                   |                   | W.O. #EF164045          |  |
|           |          |                                                                                                                                                                                   | FILE #1920PW-IN0016                                                                             |                   | FILE #1920PW-IN0016     |  |
| REVISIONS |          |                                                                                                                                                                                   |                                                                                                 | SHEET NO. 6 of 17 |                         |  |
| 1         | 5/19/22  | ADDED ENCUMBRANCE SHEET B                                                                                                                                                         | FILE: SANTA_ANA_DELHI_CHANNEL (F01)_BOUNDARY_2020.DWG                                           |                   |                         |  |
|           |          |                                                                                                                                                                                   |                                                                                                 |                   |                         |  |



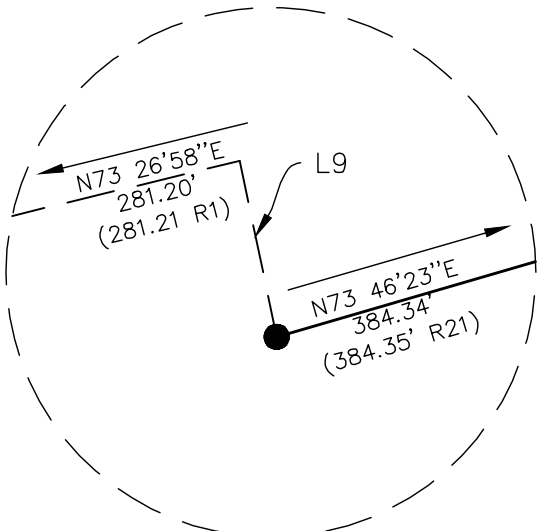
NOTES

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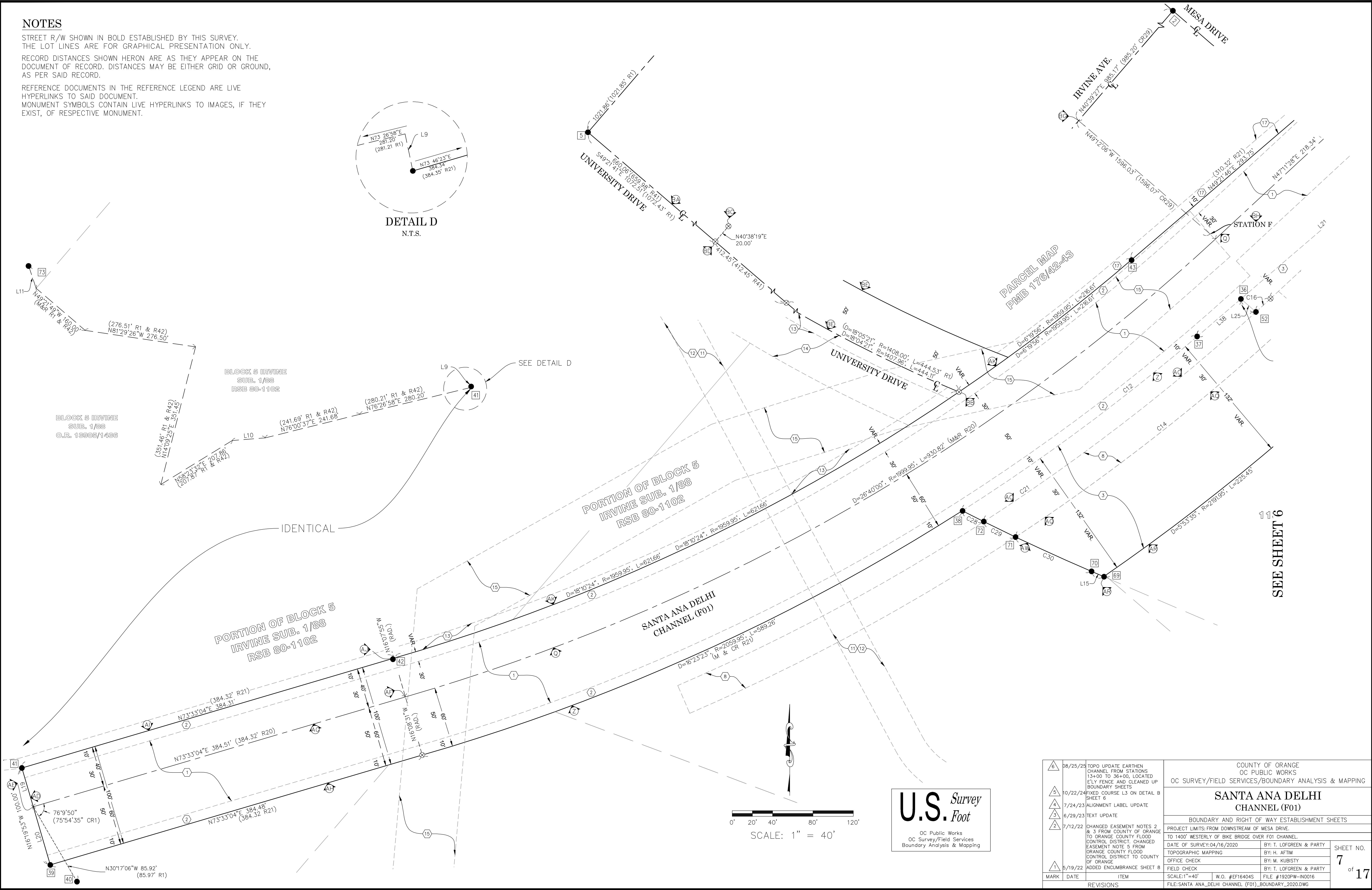
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DETAIL D  
N.T.S.



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                               |                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <div><div><div><div><div><div>6</div><div>08/25/25</div></div><div>TOPO UPDATE EARTHEN CHANNEL FROM STATIONS 13+00 TO 36+00, LOCATED E'LY FENCE AND CLEANED UP BOUNDARY SHEETS</div></div><div><div><div>5</div><div>10/22/24</div></div><div>FIXED COURSE L3 ON DETAIL B SHEET 6</div></div><div><div><div>4</div><div>7/24/23</div></div><div>ALIGNMENT LABEL UPDATE</div></div><div><div><div>3</div><div>6/29/23</div></div><div>TEXT UPDATE</div></div><div><div><div>2</div><div>7/12/22</div></div><div>CHANGED EASEMENT NOTES 2 &amp; 3 FROM COUNTY OF ORANGE TO ORANGE COUNTY FLOOD CONTROL DISTRICT; CHANGED EASEMENT NOTE 5 FROM ORANGE COUNTY FLOOD CONTROL DISTRICT TO COUNTY OF ORANGE</div></div><div><div><div>1</div><div>5/19/22</div></div><div>ADDED ENCUMBRANCE SHEET 8</div></div></div></div><div><div>MARK</div><div>DATE</div><div>ITEM</div></div><div>REVISIONS</div></div> | <div>COUNTY OF ORANGE<br/>OC PUBLIC WORKS<br/>OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS &amp; MAPPING</div> <div>SANTA ANA DELHI<br/>CHANNEL (F01)</div> <div>BOUNDARY AND RIGHT OF WAY ESTABLISHMENT SHEETS</div> <div>PROJECT LIMITS: FROM DOWNSTREAM OF MESA DRIVE,<br/>TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL.</div> <div>DATE OF SURVEY: 04/16/2020</div> <div>TOPOGRAPHIC MAPPING</div> <div>OFFICE CHECK</div> <div>FIELD CHECK</div> <div>SCALE: 1"=40'</div> <div>W.O. #EF16404S</div> <div>FILE #1920PW-IN0016</div> <div>FILE: SANTA_ANA_DELHI_CHANNEL_(F01)_BOUNDARY_2020.DWG</div> | <div>TO 1400' WESTERLY OF BIKE BRIDGE OVER F01 CHANNEL.</div> <div>BY: T. LOFGREEN &amp; PARTY</div> <div>BY: H. AFTIM</div> <div>BY: M. KUBISTY</div> <div>BY: T. LOFGREEN &amp; PARTY</div> | <div>SHEET NO.</div> <div>7</div> <div>of 17</div> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                               |                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                               |                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                               |                                                    |



