APPENDIX A2

2018 PROJECT PLANS

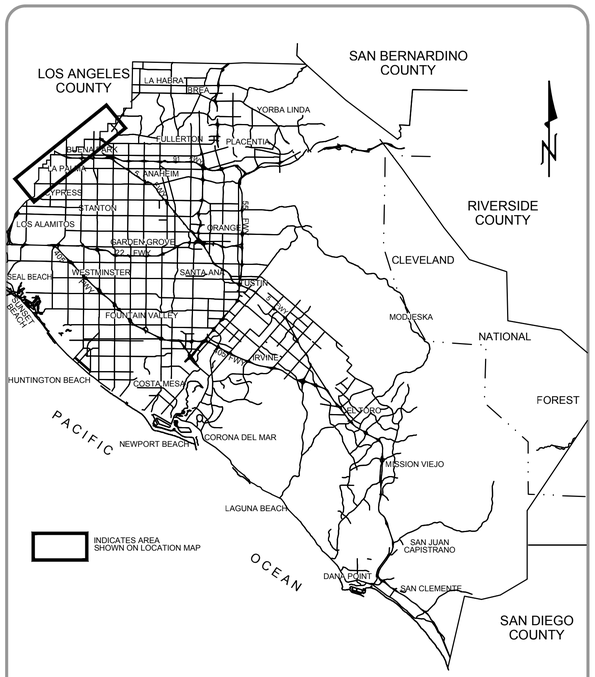
Note: These are predesign drawings and subject to modification during design.

County of Orange

OC Public Works

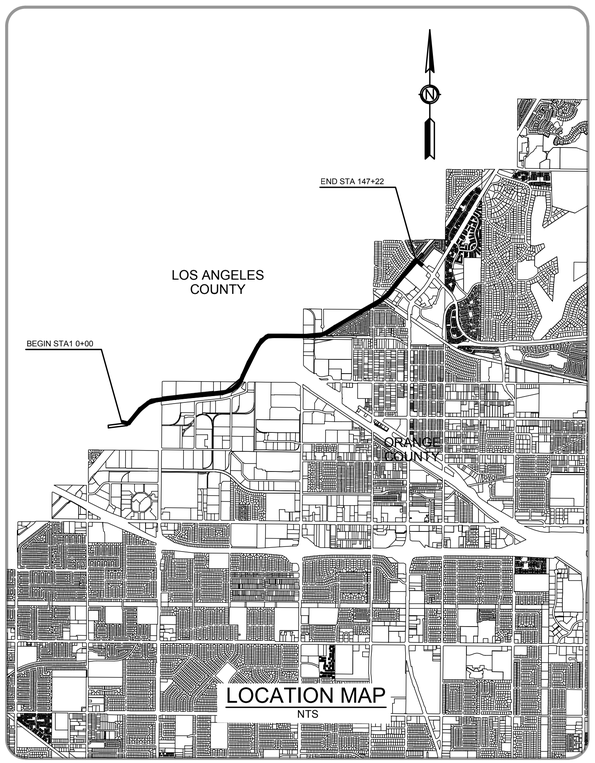
SANTA ANA, CALIFORNIA

SHANE L. SILSBY, DIRECTOR



VICINITY MAP

NTS



LOCATION MAP

NTS

PLANS FOR IMPROVEMENT OF
COYOTE CREEK CLASS I BIKEWAY SEGMENTS O,P & Q
(OCFCD FACILITY NO. A01)

FROM: STATION 10+00.00 (COYOTE CREEK/NORTH FORK)
TO
TO: STATION 147+22.83 (LA MIRADA BLVD./MALVERN ABE.)

JULY 2018

FUNDED BY: OC PUBLIC WORKS AND
THE ACTIVE TRANSPORTATION PROGRAM

MAINTAINED BY: OC PARKS

DRAFT 25% SUBMITTAL
"NOT FOR CONSTRUCTION"

APPROVALS

APPROVED: _____
CITY ENGINEER DATE

COUNTY OF ORANGE OC PUBLIC WORKS DEPARTMENT

SUBMITTED: _____ DATE
ALI FAYAD, P.E.
SENIOR CIVIL ENGINEER
TRAFFIC & DESIGN DIVISION

RECOMMENDED: _____ DATE
FIONA MAN, P.E.
INTERIM MANAGER
TRAFFIC & DESIGN DIVISION

APPROVED: _____ DATE
KHALID BAZMI, P.E.
CHIEF ENGINEER
ORANGE COUNTY FLOOD CONTROL DISTRICT

RECORD DRAWING

CONTRACTOR: _____
RESIDENT ENGINEER: _____
INSPECTOR: _____
CONSTRUCTION START DATE: _____
CONSTRUCTION COMPLETION DATE: _____

PREPARED BY

PREPARED UNDER RESPONSIBLE CHARGE OF:

MARK THOMAS

REGISTERED PROFESSIONAL ENGINEER
RAVI P. SHAH
No. 79183
Exp. 3/31/20
CIVIL
STATE OF CALIFORNIA

_____ DATE

INDEX OF SHEETS

SHEET	DESCRIPTION
L-1	TITLE SHEET
L-2	NOTES SHEET
L-3	PLAN & PROFILE, STA 10+00 TO STA 19+50
L-4	PLAN & PROFILE, STA 19+50 TO STA 33+50
L-5	PLAN & PROFILE, STA 33+50 TO STA 48+50
L-6	PLAN & PROFILE, STA 48+50 TO STA 61+50
L-7	PLAN & PROFILE, STA 61+50 TO STA 75+50
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L-12	PLAN & PROFILE, STA 131+50 TO STA 147+22
L-13	PLAN & PROFILE, STA 10+00 TO STA 13+50

UTILITY OWNER	PHONE NO.	CONTACT

Note: These are predesign drawings and subject to modification during design.

BENCH MARK:

B.M. A1-12 L.A.C. 8-1, ELEV=53.995, O.C.F.C.D. DATUM

LOS ANGELES COUNTY SURVEYOR'S MONUMENT AT CENTERLINE INTERSECTION OF VALLEY VIEW AVENUE (MILLER STREET) AND ARTESIA AVENUE.

O.C.F.C.D. DATUM = O.C.S. DATUM +0.252'.

BASIS OF BEARINGS:

THE BASIS OF BEARINGS HEREON IS THE GRID INVERSE BETWEEN O.C.S. GPS STATIONS #R127 AND #R173, BEING N00°24'49"E, PER RECORDS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

NO.	DESCRIPTION	SHT.	APPROVED	DATE

REVISIONS

W.O. NO. _____
DWG. NO. _____

SHEET 1 OF 13

GENERAL NOTES

1. PROTECT ALL EXISTING GATES, FENCES, SHRUBS, GROUND COVERING, AND OTHER FACILITIES IN CONSTRUCTION AREA (UNLESS OTHERWISE NOTED).
2. ALL CONSTRUCTION SHALL CONFORM TO THE 2010 STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, ORANGE COUNTY PUBLIC WORKS STANDARD PLANS DATED 2013, & 2012 GREENBOOK.
3. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS.IT DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OR COMPLETENESS OF THE LOCATION OR THE EXISTENCE OR NONEXISTENCE OF ANY UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE CONTRACTOR IS REQUIRED TO TAKE ALL DUE PRECAUTIONARY MEANS TO PROTECT UTILITY LINES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING WARNING SIGNS, DEVICES, LIGHTS, AND FLAGMEN IN ACCORDANCE WITH CHAPTER 6, "TEMPORARY TRAFFIC", OF FEDERAL HIGHW Y MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
5. ALL GRADE BREAKS OVER 1% SHALL BE ROUNDED WITH A 10' VERTICAL CURVE.
6. ALL PORTLAND CEMENT CONCRETE SHALL BE PER OC PUBLIC WORKS STANDARD PLAN 1803. ALL CONCRETE SHALL BE BROOM FINISHED FROM SIDE TO SIDE.
7. ALL INSTALLATIONS AND WORK AFFECTING FLOOD CONTROL DISTRICT FACILITIES SHALL CONFORM TO ARMY CORPS OF ENGINEER'S STANDARDS, OCFCD'S STANDARD SPECIFICATIONS, LOCAL REQUIREMENTS, AND RECOMMENDATIONS GIVEN IN THE SOILS REPORT, PREPARED BY OC PUBLIC WORKS, MATERIALS LABORATORY.
8. THE EDGE OF ALL SIGNS SHALL BE 2 FEET MINIMUM CLEAR OF THE BIKEWAY PAVED SURFACE.

CONSTRUCTION NOTES

1. REMOVE EX. AC & CONSTRUCT 4 IN. THICK AC OVER 6 IN. CAB PER PLAN PROFILE AND DETAILS. SUBGRADE SHALL HAVE 90% MIN. RELATIVE COMPACTION, CAB & AC SHALL HAVE 95% MIN. RELATIVE COMPACTION PER OC PUBLIC WORKS STD. PLAN 1801 (NOTE NO. 9) AND 1805.
2. REMOVE EX. CONCRETE & CONSTRUCT 10" CONCRETE PATHWAY PER PLAN PROFILE AND DETAIL.
3. 3.5 IN (Min) NORMAL WT Conc OVER 16 Ga 3 IN METAL DECK
4. FURNISH AND INSTALL 5' CHAIN LINK FENCE PER OCPW STANDARD PLAN 600-3-0C
5. INSTALL CABLE RAILING PER CAL TRANS STD. PLAN 811-47 AND DETAIL ON SHEET L-13
6. CONSTRUCT CHANNEL WALL IN CONCRETE PER PLAN PROFILE AND DETAIL
7. CONSTRUCT 4" CONCRETE OVER 4" AB

Note: These are predesign drawings and subject to modification during design.

LEGEND & ABBREVIATIONS

1. PROTECT IN PLACE
2. REMOVE & REPLACE
3. REMOVE
4. RELOCATE
5. REMOVE INTERFERING PORTIONS OF CONCRETE
6. CONTRACTOR TO VERIFY LOCATION & DEPTH OF UTILITY/INLET BY POTHOLING. LOCATION OF UTILITY BY USA IS NOT CONSIDERED SUFFICIENT VERIFICATION. ALL COSTS FOR DAMAGE TO UTILITY SHALL BE BORNE BY CONTRACTOR.

BNDY	=	BOUNDARY
FL	=	FLOW LINE
FG	=	FINISHED GRADE
FS	=	FINISHED SURFACE
HP	=	HINGE POINT
INV	=	INVERT
R/W	=	RIGHT OF WAY LINE
RIG	=	ROUGH GRADE
TC	=	TOP OF CURB
TF	=	TOP OF FOOTING
TW	=	TOP OF WALL
TOE	=	TOE OF SLOPE
GB	=	GRADE BREAK
PVI	=	POINT OF VERTICAL INFLECTION
BC	=	BEGIN CURVE
EC	=	END CURVE
FC	=	FACE OF CURB
	=	APPROX. LOCATION OF SOIL BORING
	=	PROPOSED BIKEWAY
	=	PROPOSED BIKEWAY/PEDESTRIAN PATH
2%	=	GRADE SWALE FLOW DIRECTION & RATE
	=	FLOW DIRECTION
	=	RETAINING WALL
	=	CHAIN LINK FENCE
	=	GUARD CABLE FENCE
	=	COUNTY BOUNDARY

POLLUTION PREVENTION NOTES

1. SEDIMENT FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING STRUCTURAL CONTROLS TO THE MAXIMUM EXTENT PRACT CABLE.
2. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO ELIMINATE OR REDUCE SEDIMENT TRANSPORT FROM THE. SITE TO THE STREETS, DRAINAGE FACILITIES, OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.
3. APPROPRIATE BMPS FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILLS OR RESIDUE SHALL BE IMPLEMENTED TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTIES BY WIND OR RUNOFF.
4. RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITES UNLESS TREATED TO REDUCE OR REMOVE SEDIMENT AND OTHER POLLUTANTS.
5. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQIJIRED BEST MANAGEMENT PRACTICES AND GOOO HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.
6. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED OF IN TRASH OR RECYCLE BINS.
7. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT A STORM DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE. DISCHARGES OTHER THAN STORMWATER (NON-STORMWATER DISCHARGES) ARE PROHIBITED, EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NPDES PERMIT OR STATEWIDE GENERAL CONSTRUCTION STORMWATER PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES, AND ASBESTOS FIBERS, PAINT FLAKES/STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR, OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; WASTES FROM STREET CLEANING; AND SUPER-CHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE PHYSICALLY SEPARATED FROM POTENTIAL STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
8. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO CONSTRUCTION SITES IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING OF NON-CONTAMINTED GROUNDWATER PRODUCED BY DEWATERING SHALL COMPLY WITH ORDER NO. RS-2009-0030 NPDES MUNICIPAL STORMWATER PERMIT OF THE SANT ANA REGIONAL WATER QUALITY CONTROL BOARD. ANY INDICATION OR EVIDENCE OF WATER QUALITY THAT DOES NOT MEET REQUIRED STANDARDS WILL BE REPORTED TO OC PUBLIC WORKS/ ENVIRONMENTAL RESOURCES.

1 ½ 0 1 2
3 inches on original scale

COUNTY OF ORANGE CALIFORNIA

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:
PROFESSIONAL ENGINEER — RAVI P. SHAH — No. 79183 — Exp. 3/31/20 — CIVIL — STATE OF CALIFORNIA
DATE

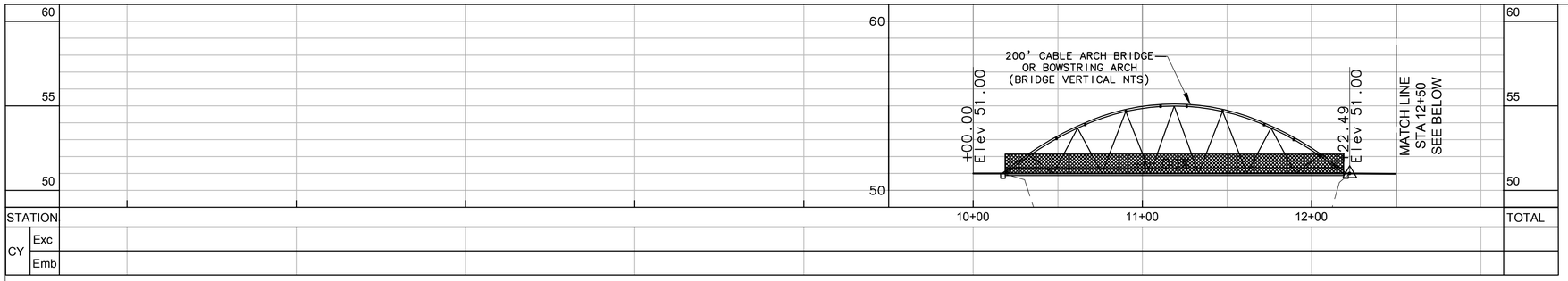
DESIGNED BY: CK
DRAWN BY: CK
CHECKED BY: RS
DRAWING NO.: ViewTitle
FILE NAME: OCLP_L-1TP L-2.dwg
PLOT DATE: Wednesday, July 11, 2018
SCALE: NOT SHOWN

County of Orange OC PublicWorks
PREPARED BY: MARK THOMAS

COYOTE CREEK CLASS I BIKEWAY SEGMENT O,P & Q
OCFD FACILITY -A01

PLAN & PROFILE

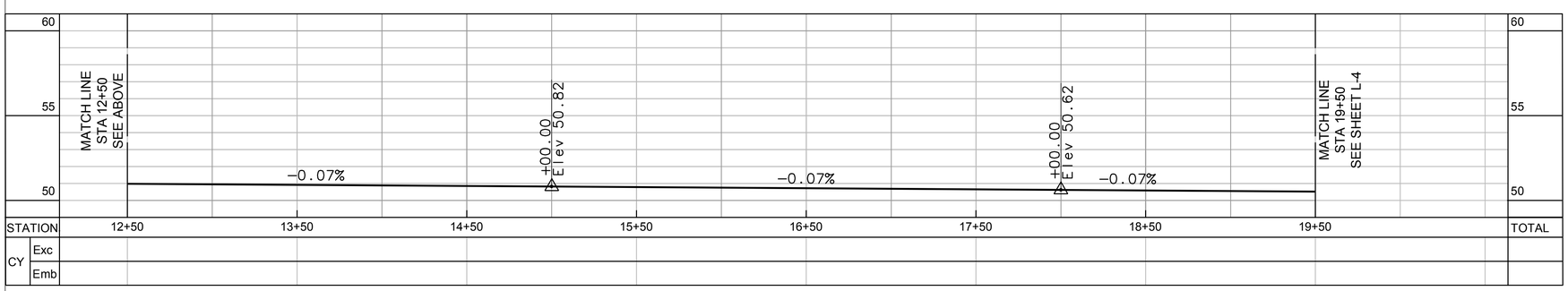
SHEET
L-2
OF 13



PROFILE

HORIZ 1" = 40'
VERT. 1" = 10'

PLAN
1" = 40'



PROFILE

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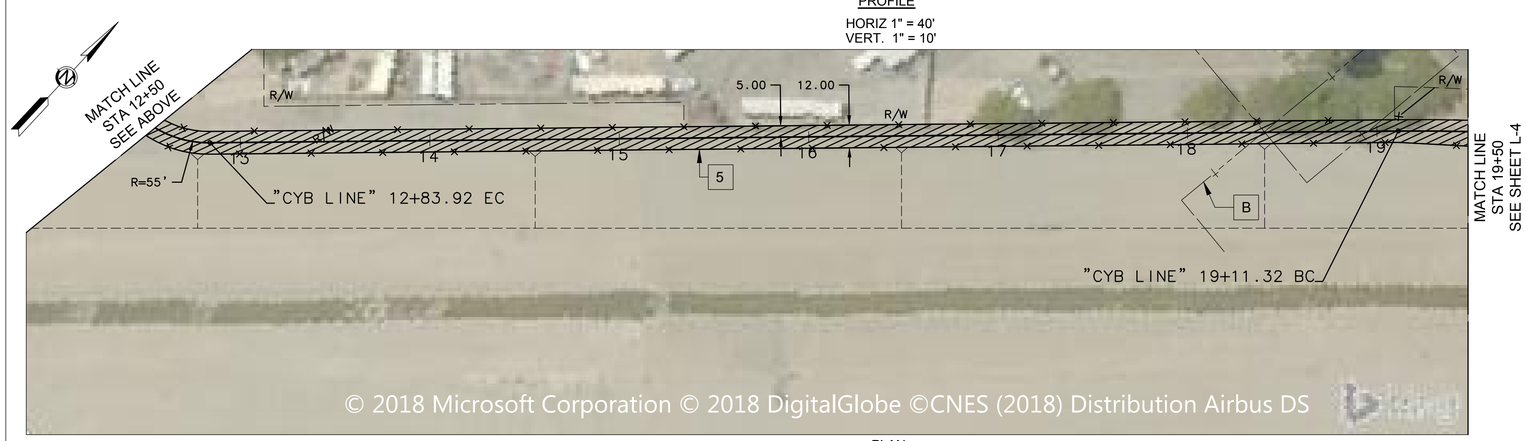
VERT. 1" = 10'



PLAN
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UTILITIES NOTES

B PROTECT IN PLACE

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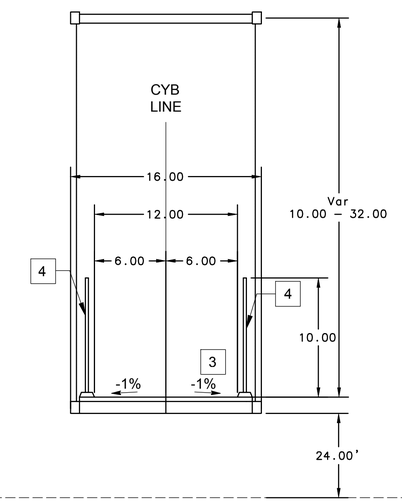
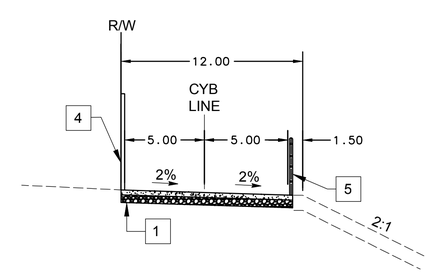


TYPICAL SECTION
STA 10+00 TO STA 12+20
NTS



TYPICAL SECTION
STA 15+50 TO STA 19+20
NTS

1 ½ 0 1 2
3 inches on original scale

COUNTY OF ORANGE CALIFORNIA

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:
REGISTERED PROFESSIONAL ENGINEER
RAVI P. SHAH
No. 79183
Exp. 3/31/20
CIVIL
STATE OF CALIFORNIA

DATE

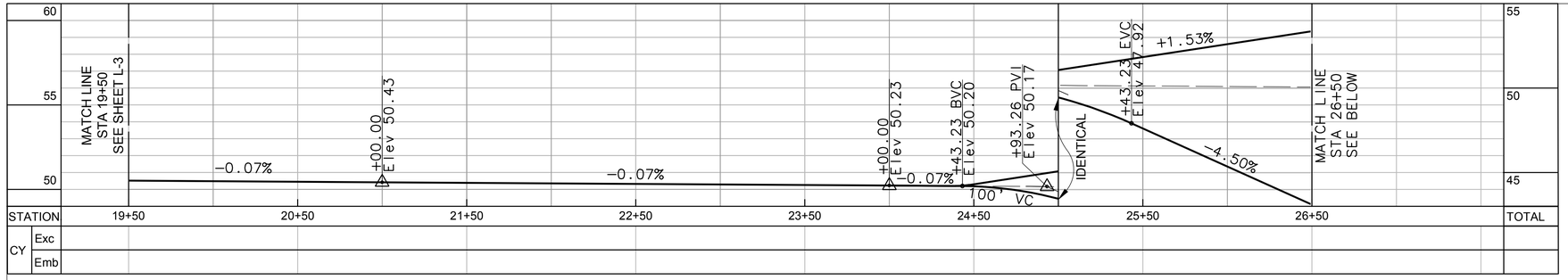
DESIGNED BY: CJK
DRAWN BY: CJK
CHECKED BY: RS
DRAWING NO.: ViewTitle
FILE NAME: OCLP_L-3 TP_L-7.dwg
PLOT DATE: Wednesday, July 11, 2018
SCALE: AS SHOWN

County of Orange
OC Public Works
PREPARED BY: MARK THOMAS

COYOTE CREEK
CLASS I BIKEWAY
SEGMENT O,P & Q
OCFD FACILITY -A01
STA. 10+00 TO STA. 19+50

PLAN & PROFILE

SHEET
L-3
OF 13



PROFILE

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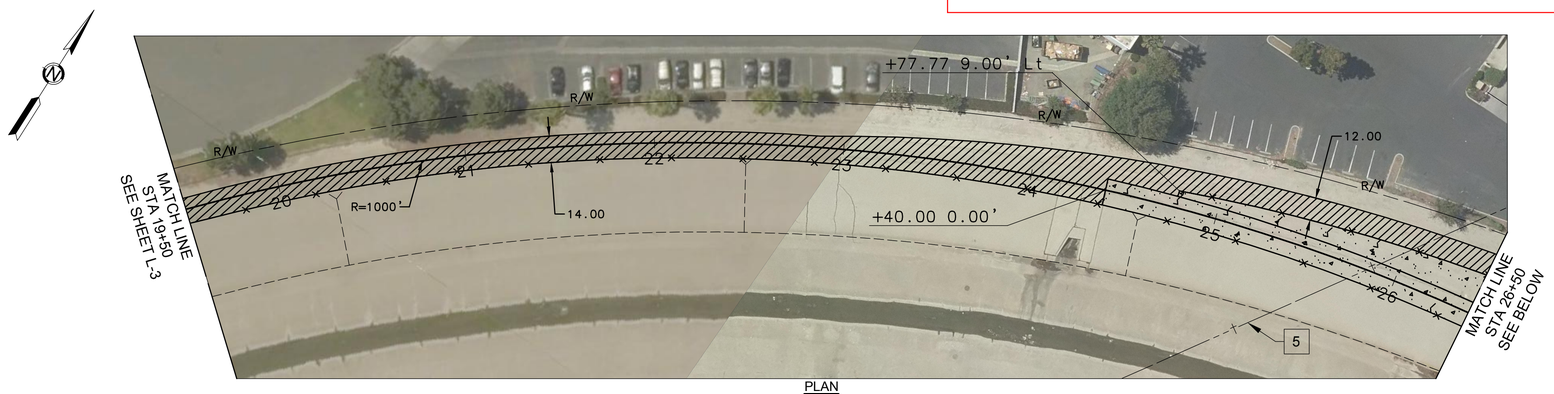
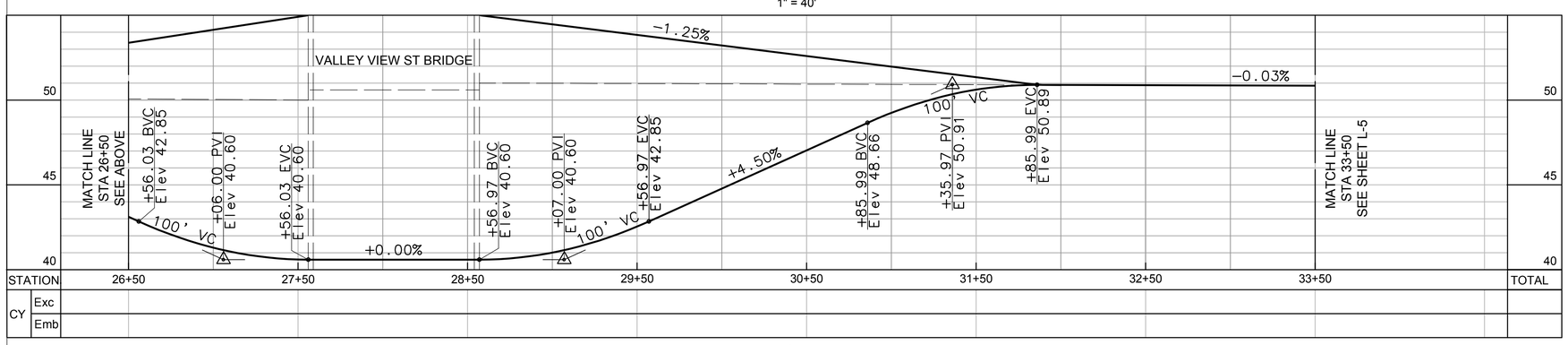


PLAN
1" = 40'



PROFILE

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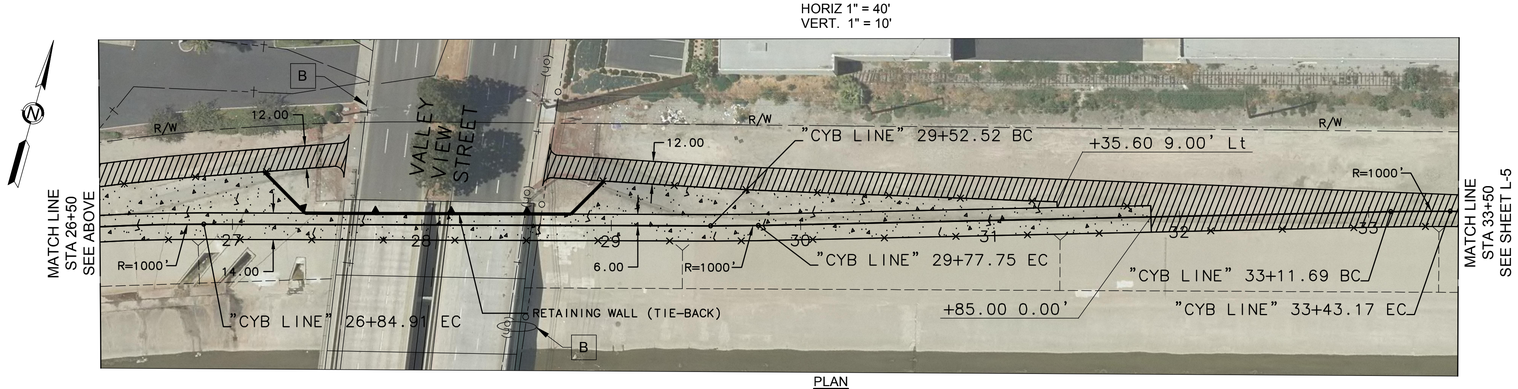
VERT. 1" = 10'



PLAN
1" = 40'

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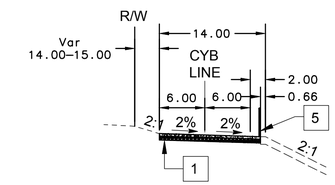
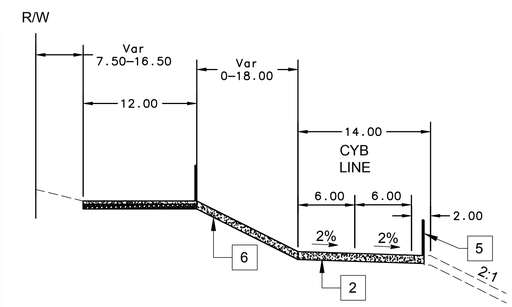
UTILITIES NOTES

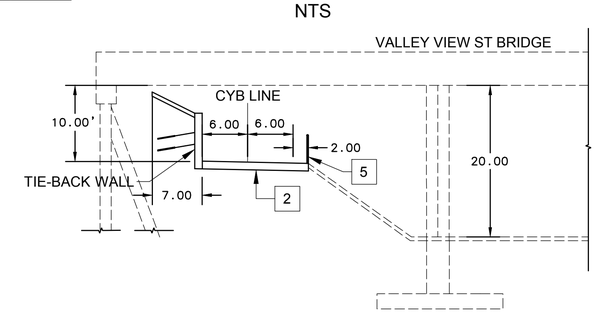
B PROTECT IN PLACE



TYPICAL SECTION
STA 19+50 TO STA 23+00
NTS



TYPICAL SECTION
STA 24+40 TO STA 27+00
STA 29+00 TO STA 31+90
NTS



TYPICAL SECTION
STA 27+00 TO STA 29+00
NTS

1 ½ 0 1 2
3 inches on original scale

COUNTY OF ORANGE CALIFORNIA

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

REGISTERED PROFESSIONAL ENGINEER
RAVI P. SHAH
No. 79183
Exp. 3/31/20
CIVIL
STATE OF CALIFORNIA

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DESIGNED BY: CK
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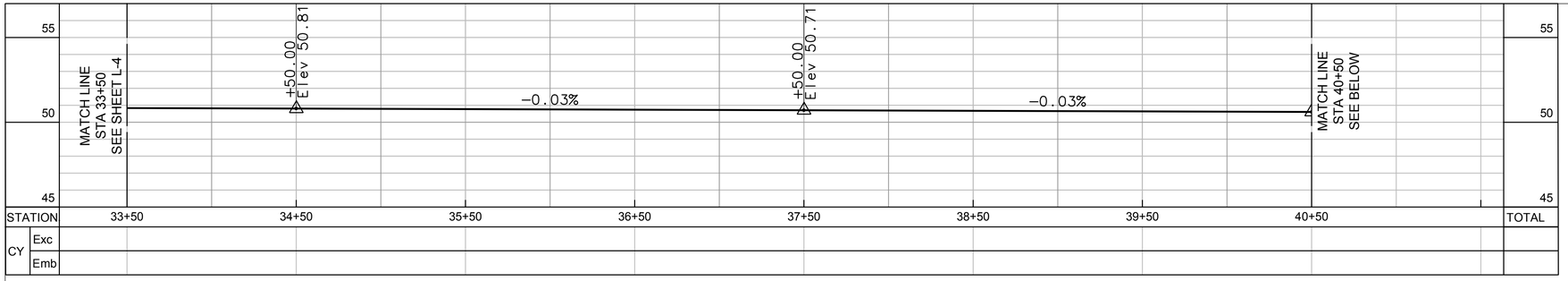
PREPARED BY: County of Orange OC Public Works
MARK THOMAS

COYOTE CREEK
CLASS I BIKEWAY
SEGMENT O,P & Q
OCFD FACILITY -A01
STA. 19+50 TO STA. 33+50

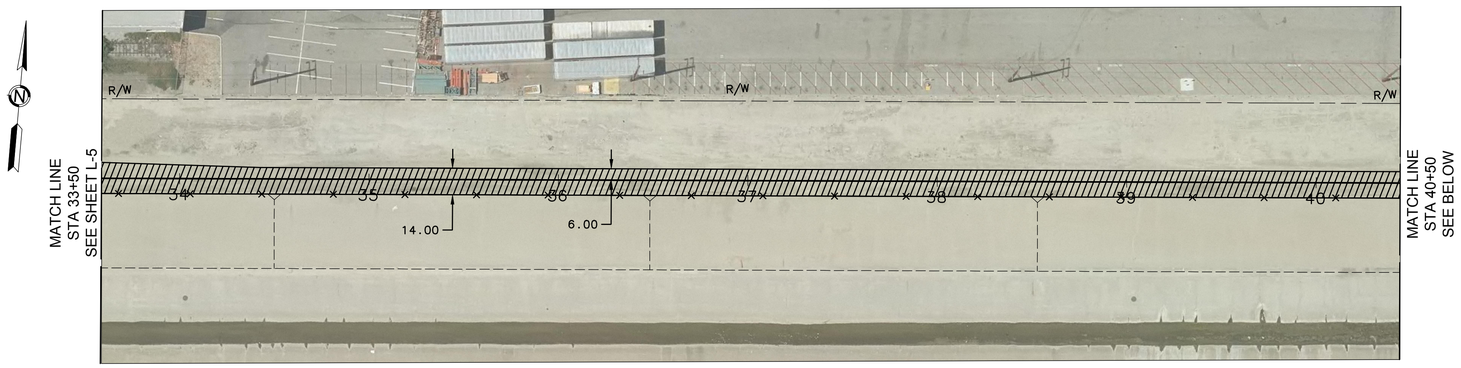
PLAN & PROFILE

SHEET
L- 4
OF 13



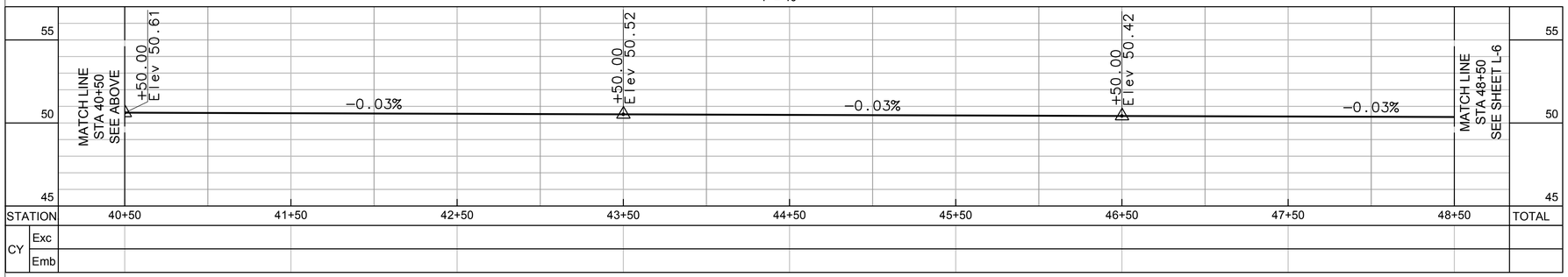
PROFILE

HORIZ 1" = 40'
VERT. 1" = 10'



PLAN

1" = 40'



PROFILE

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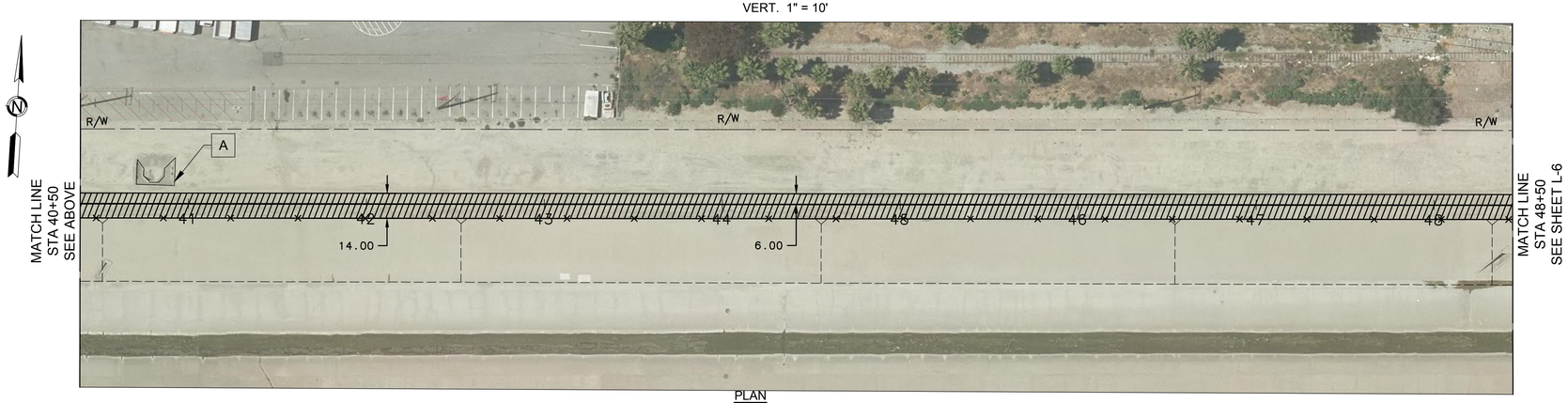
VERT. 1" = 10'



PLAN

1" = 40'

CONSTRUCTION NOTES

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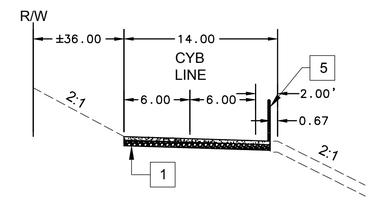
6. CONSTRUCT CONCRETE SLOPE 8" PER PLAN PROFILE AND DETAIL

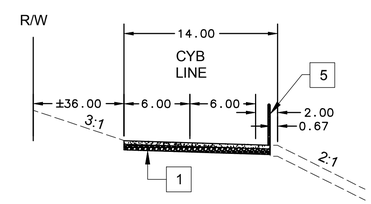
UTILITIES NOTES

A. PROTECT DRAINAGE FEATURE

Note: These are predesign drawings and subject to modification during design.



TYPICAL SECTION
STA 33+50 TO STA 40+50
NTS



TYPICAL SECTION
STA 40+50 TO STA 48+50
NTS

1 ½ 0 1 2
3 inches on original scale

COUNTY OF ORANGE CALIFORNIA

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

REGISTERED PROFESSIONAL ENGINEER
RAVI P. SHAH
No. 79183
Exp. 3/31/20
CIVIL
STATE OF CALIFORNIA

DATE

DESIGNED BY: CK
DRAWN BY: CK
CHECKED BY: RS
DRAWING NO.: ViewTitle
FILE NAME: OCLP_L-3 TP_L-7.dwg
PLOT DATE: Wednesday, July 11, 2018
SCALE: AS SHOWN

County of Orange
OC Public Works

PREPARED BY: MARK THOMAS

COYOTE CREEK CLASS I BIKEWAY SEGMENT O,P & Q

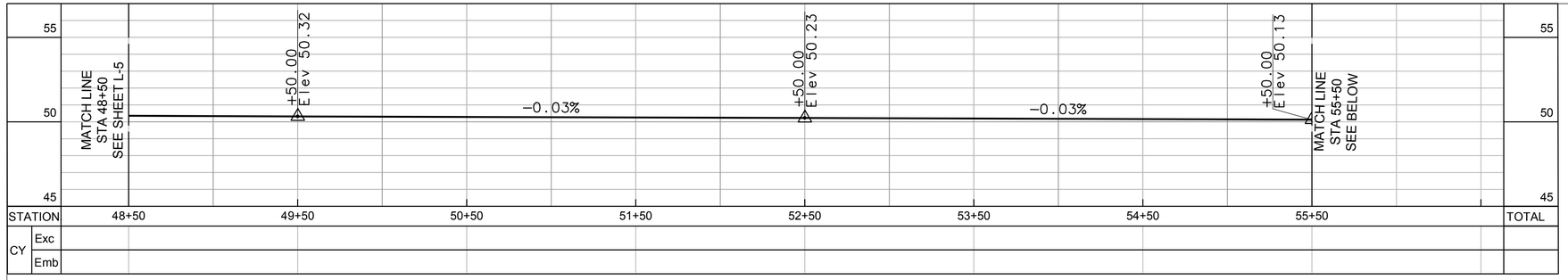
OCFD FACILITY -A01
STA. 33+50 TO STA. 48+50

PLAN & PROFILE

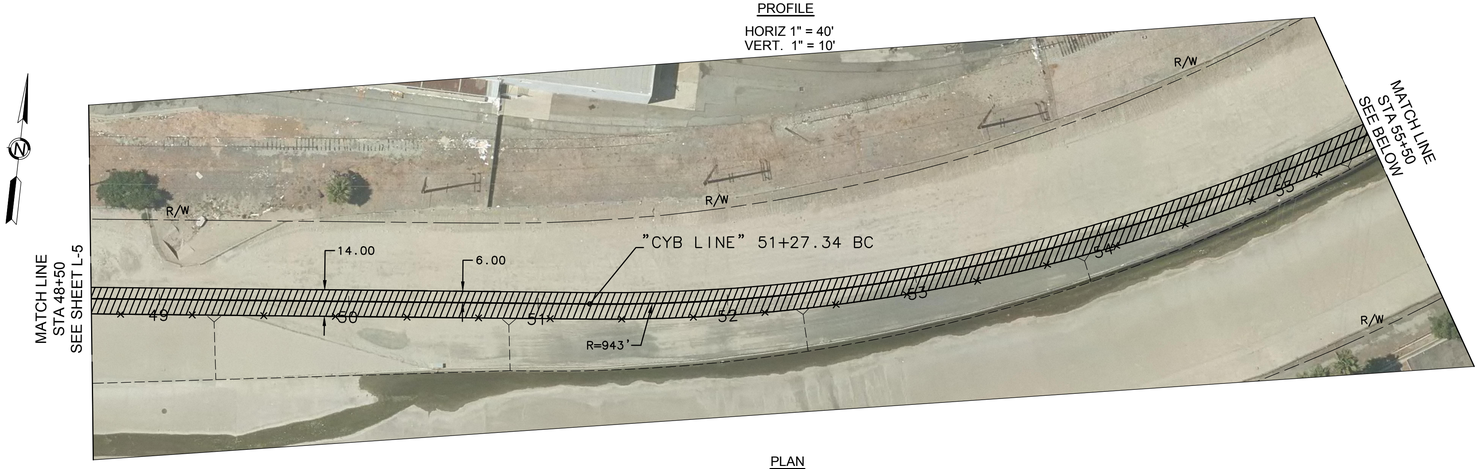
SHEET

L- 5

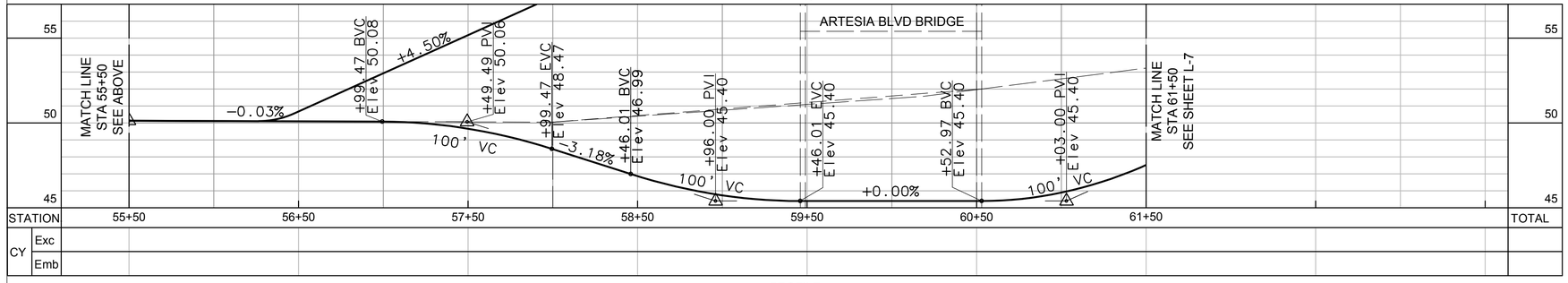
OF 13



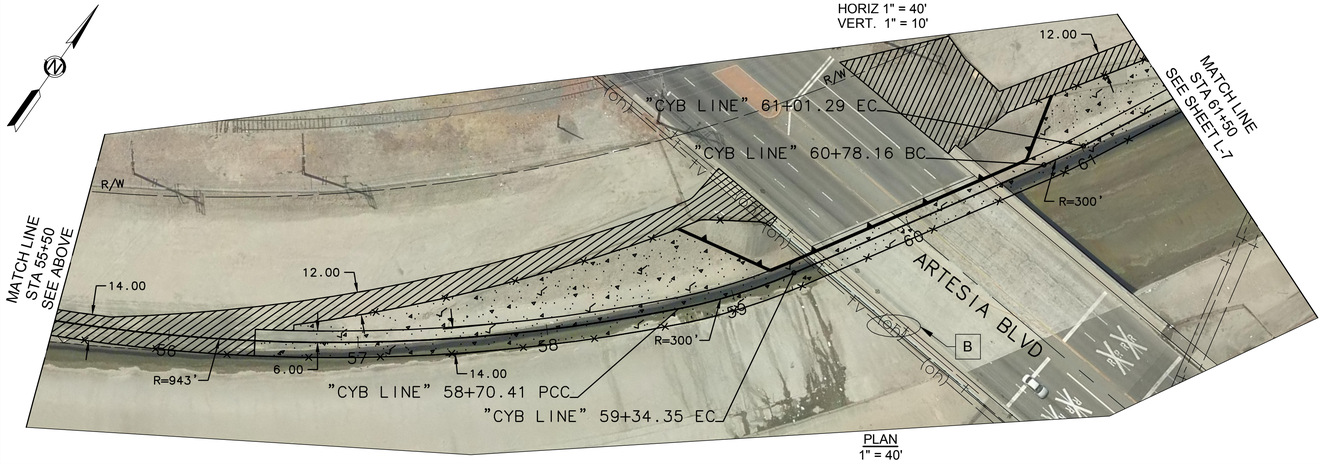
PROFILE
HORIZ 1" = 40'
VERT. 1" = 10'



PLAN
1" = 40'



PROFILE
HORIZ 1" = 40'
VERT. 1" = 10'



PLAN
1" = 40'

CONSTRUCTION NOTES

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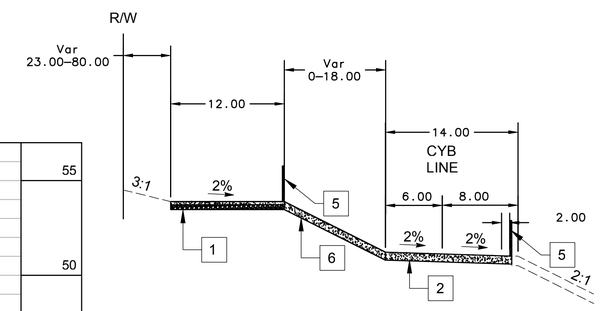
6. CONSTRUCT CONCRETE SLOPE 8" PER PLAN PROFILE AND DETAIL

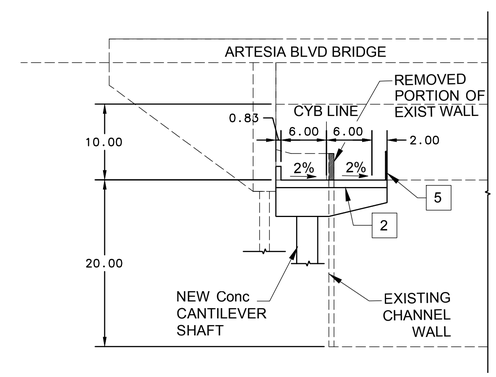
UTILITIES NOTES

B PROTECT IN PLACE

Note: These are predesign drawings and subject to modification during design.



TYPICAL SECTION
STA 56+50 TO STA 57+50
STA60+75 TO STA 61+50
NTS



TYPICAL SECTION
STA 57+50 TO STA 60+75
NTS

1 ½ 0 1 2
3 inches on original scale

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:
REGISTERED PROFESSIONAL ENGINEER
RAVI P. SHAH
No. 79183
Exp. 3/31/20
CIVIL
STATE OF CALIFORNIA

DATE

DESIGNED BY: CK
DRAWN BY: CK
CHECKED BY: RS
DRAWING NO.: ViewTitle
FILE NAME: OCLP_L3 TP L-7.dwg
PLOT DATE: Wednesday, July 11, 2018
SCALE: AS SHOWN

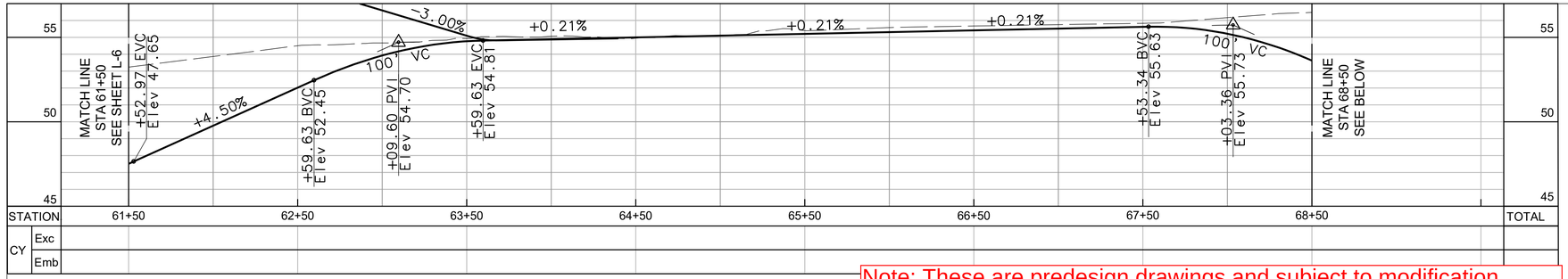
PREPARED BY: MARK THOMAS

County of Orange
OC Public Works

COYOTE CREEK
CLASS I BIKEWAY
SEGMENT O,P & Q
OCFD FACILITY -A01
STA. 48+50 TO STA. 61+50

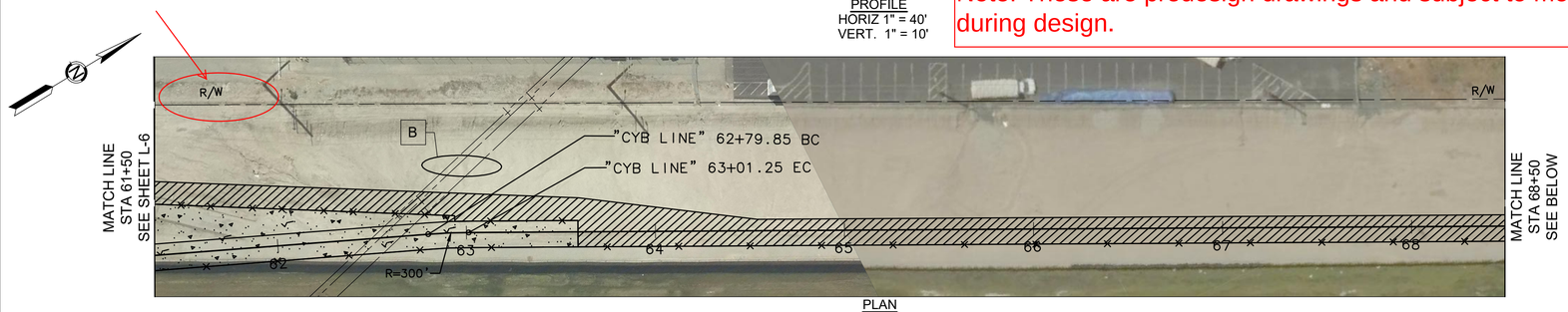
PLAN & PROFILE

SHEET
L- 6
OF 13

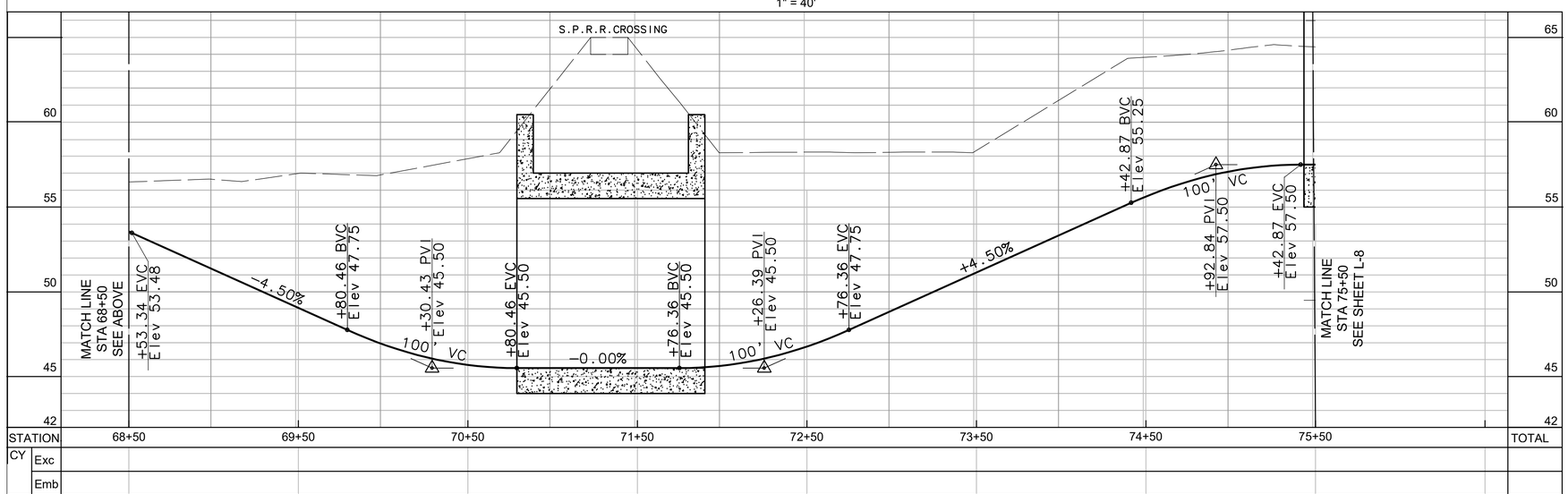


PROFILE
HORIZ 1" = 40'
VERT. 1" = 10'

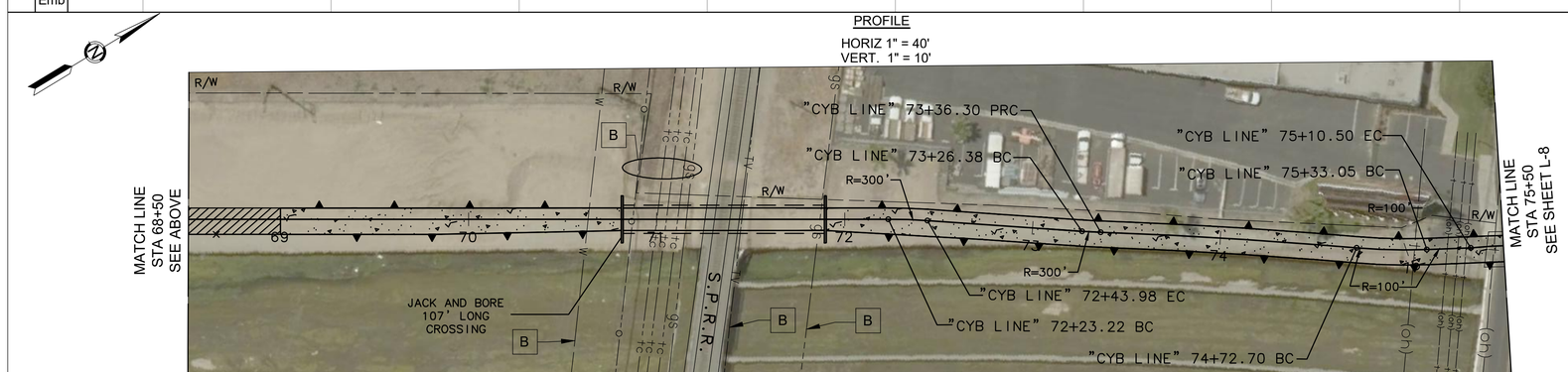
Note: These are predesign drawings and subject to modification during design.



PLAN
1" = 40'



PROFILE
HORIZ 1" = 40'
VERT. 1" = 10'



PLAN
1" = 40'

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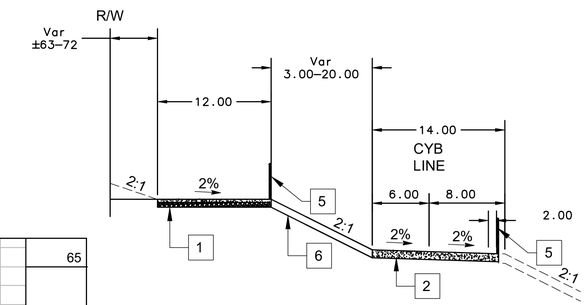
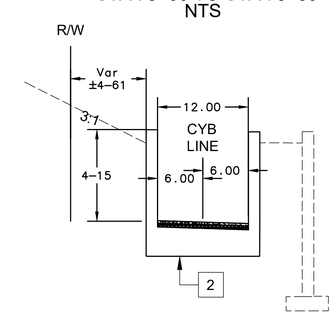
UTILITIES NOTES

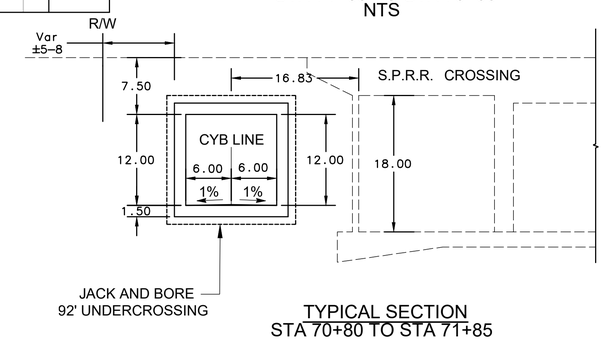
B PROTECT IN PLACE



TYPICAL SECTION
STA 61+50 TO STA 69+00
STA 73+00 TO STA 75+50
NTS



TYPICAL SECTION
STA 69+00 TO STA 70+80
STA 71+85 TO STA 73+00
NTS



TYPICAL SECTION
STA 70+80 TO STA 71+85
NTS

1 ½ 0 1 2
3 inches on original scale

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

REGISTERED PROFESSIONAL ENGINEER
RAVI P. SHAH
No. 79183
Exp. 3/31/20
CIVIL
STATE OF CALIFORNIA

DATE

DESIGNED BY: CK.
DRAWN BY: CK.
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FILE NAME: OCLP_L-8_Special.dwg
PLOT DATE: Wednesday, July 11, 2018
SCALE: NOT SHOWN

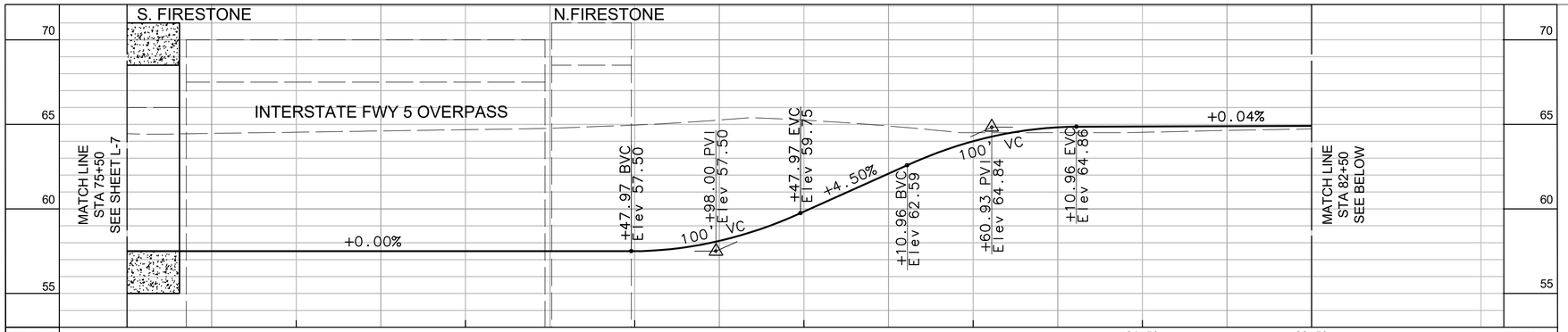
County of Orange
PublicWorks

PREPARED BY: MARK THOMAS

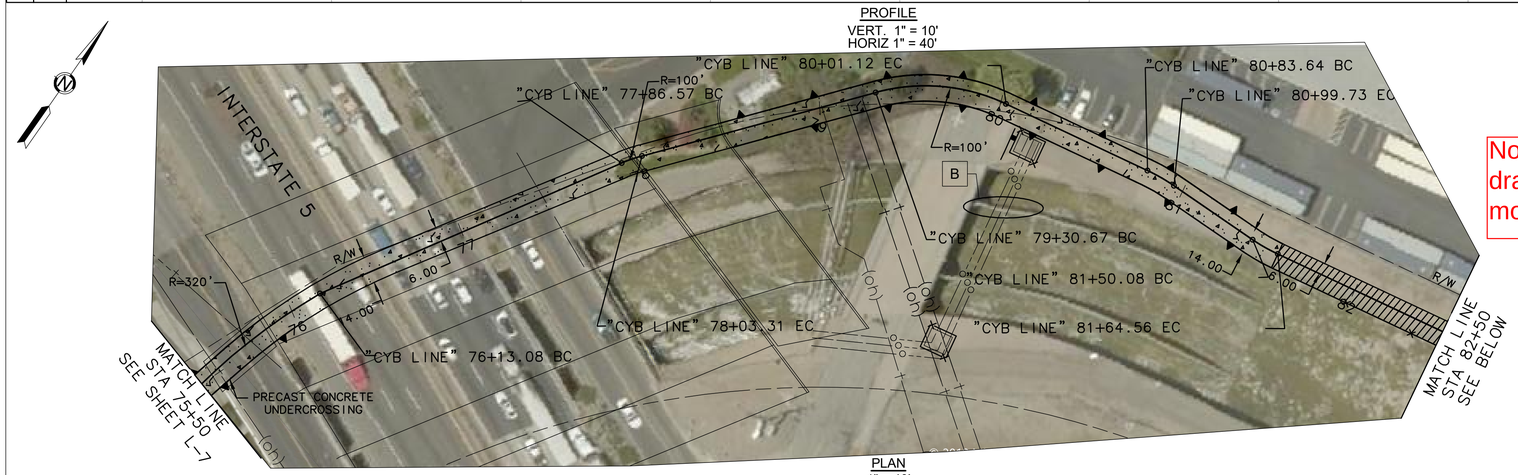
COYOTE CREEK CLASS I BIKEWAY SEGMENT O, P & Q
OCFD FACILITY -A01
STA. 61+50 TO STA. 75+50

PLAN & PROFILE

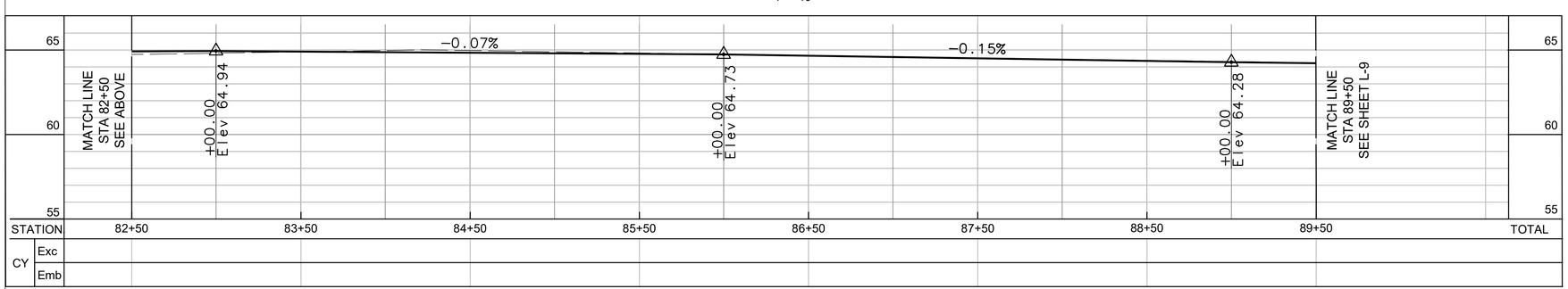
SHEET
L- 7
OF 13



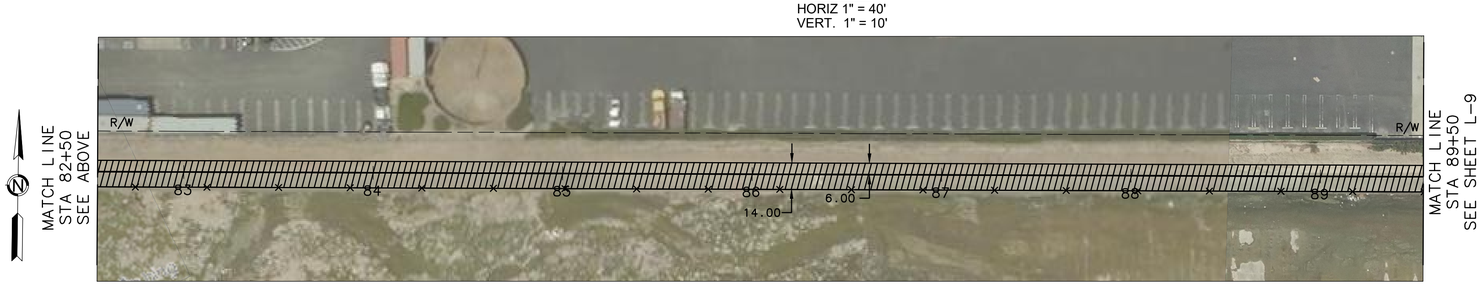
PROFILE
VERT. 1" = 10'
HORIZ 1" = 40'



PLAN
1" = 40'



PROFILE
HORIZ 1" = 40'
VERT. 1" = 10'



PLAN
1" = 40'

UTILITIES NOTES

B PROTECT IN PLACE

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CONSTRUCTION NOTES

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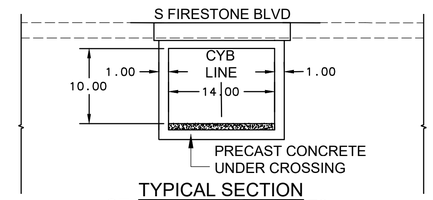
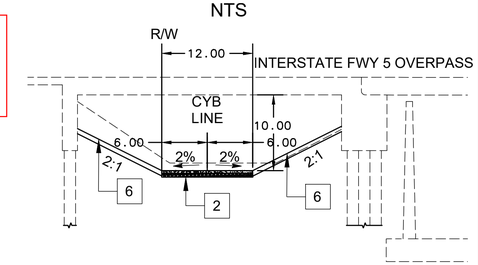
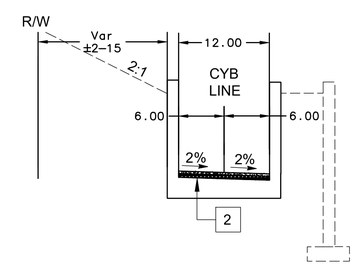
6. CONSTRUCT CHANNEL WALL IN CONCRETE PER PLAN PROFILE AND DETAIL



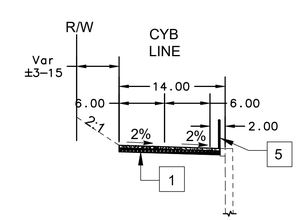
TYPICAL SECTION
STA 75+42 TO STA 75+79
NTS



TYPICAL SECTION
STA 75+50 TO STA 78+50
NTS



TYPICAL SECTION
STA 78+50 TO STA 81+00
NTS



TYPICAL SECTION
STA 81+00 TO STA 89+50
NTS

1 ½ 0 1 2
3 inches on original scale

COUNTY OF ORANGE CALIFORNIA

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:
REGISTERED PROFESSIONAL ENGINEER RAVI P. SHAH No. 79183 Exp. 3/31/20 CIVIL STATE OF CALIFORNIA

DATE

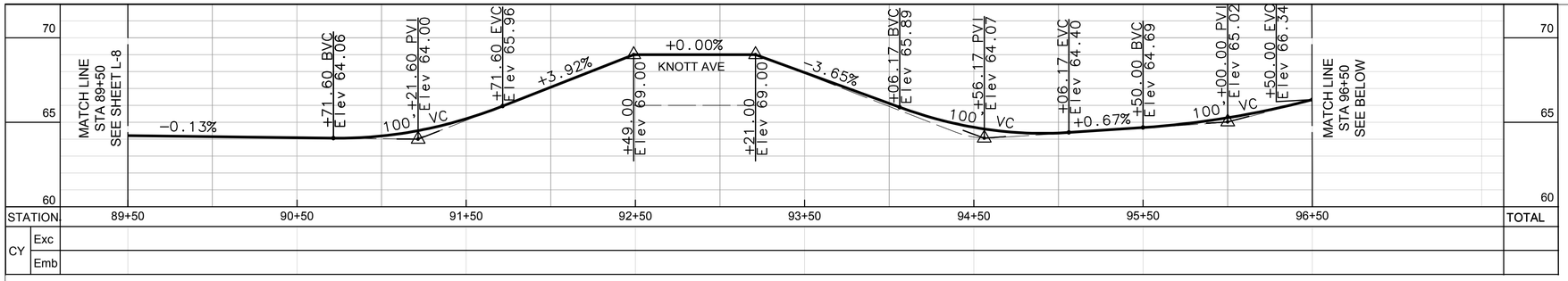
DESIGNED BY: CJK
DRAWN BY: CJK
CHECKED BY: RS
DRAWING NO.: ViewTitle
FILE NAME: OCLP_L-8_Special.dwg
PLOT DATE: Wednesday, July 11, 2018
SCALE: AS SHOWN

County of Orange
OC Public Works
PREPARED BY: MARK THOMAS

COYOTE CREEK
CLASS I BIKEWAY
SEGMENT O,P & Q
OCFD FACILITY -A01
STA. 75+50 TO STA. 89+50

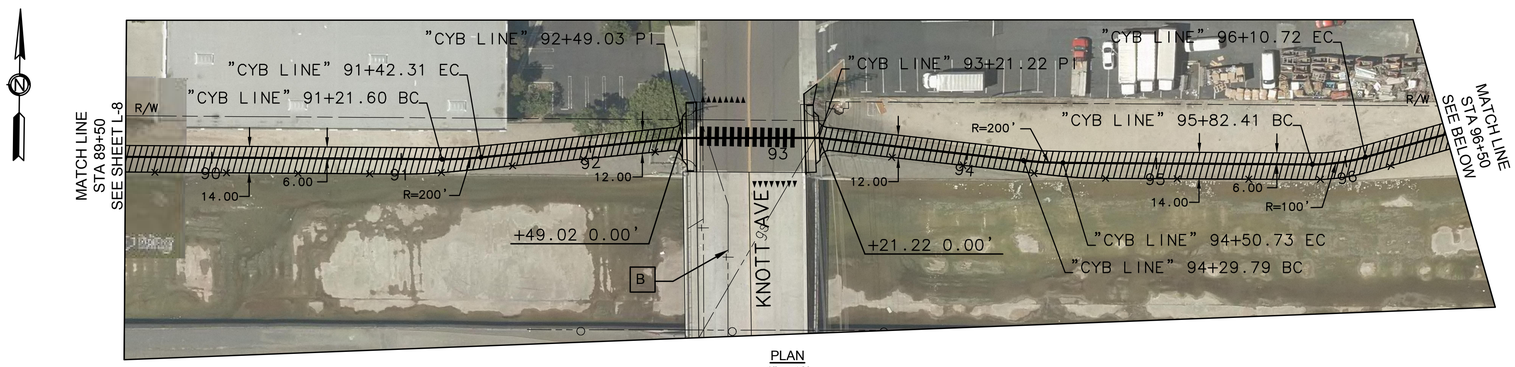
PLAN & PROFILE

SHEET
L- 8
OF 13

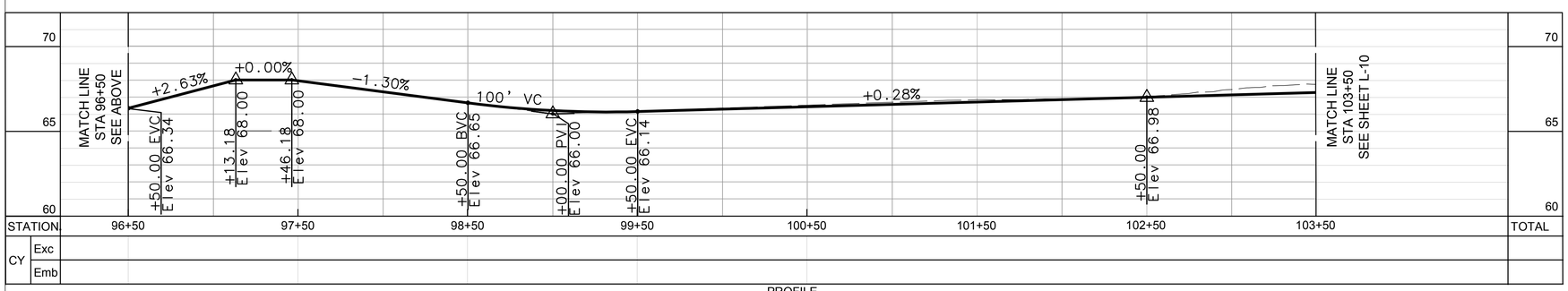


PROFILE

HORIZ 1" = 40'
VERT. 1" = 10'



PLAN
1" = 40'



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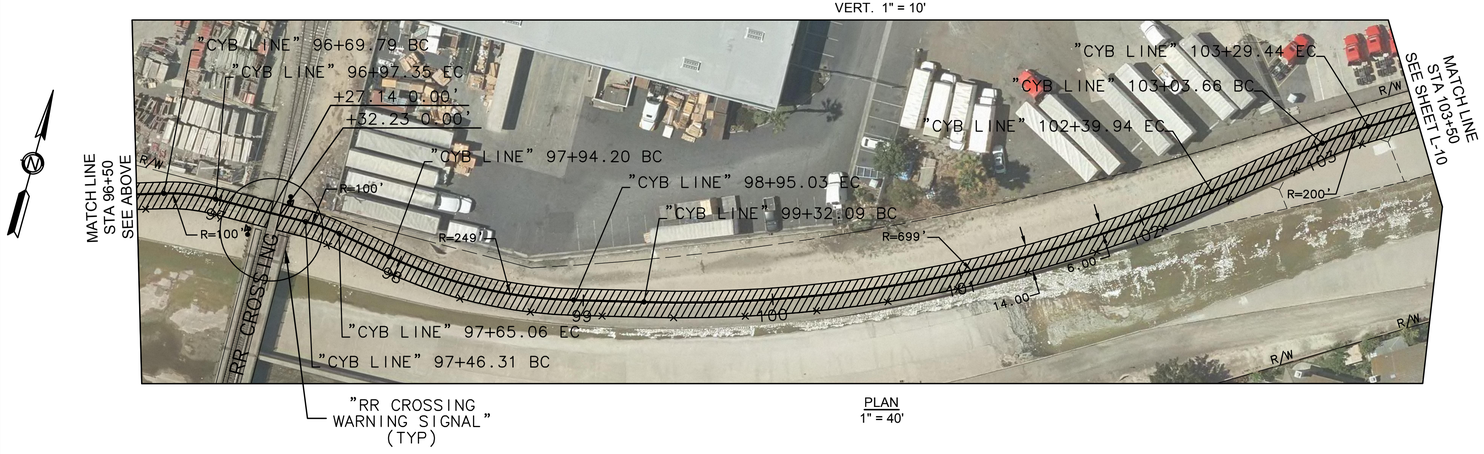

PLAN
1" = 40'

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UTILITIES

B PROTECT IN PLACE

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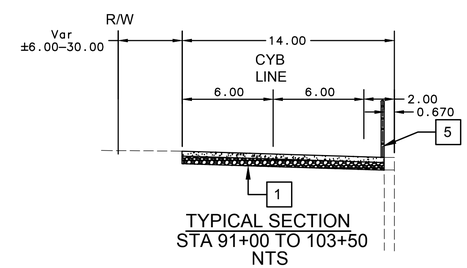


TYPICAL SECTION
STA 91+00 TO 103+50
NTS

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

REGISTERED PROFESSIONAL ENGINEER RAM P. SHAH No. 78183 Exp. 3/31/20 CIVIL STATE OF CALIFORNIA

DATE

DESIGNED BY: CK
DRAWN BY: CK
CHECKED BY: RS
DRAWING NO.: ViewTitle
FILE NAME: OCLP_L-9.dwg
PLOT DATE: Wednesday, July 11, 2018
SCALE: AS SHOWN

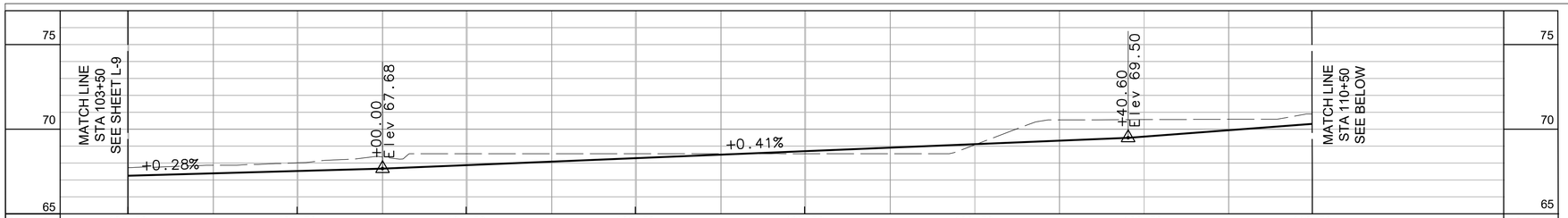
County of Orange
OC Public Works
PREPARED BY: MARK THOMAS

COYOTE CREEK CLASS I BIKEWAY SEGMENT O,P & Q
OCFD FACILITY -A01
STA 89+50 TO STA 103+50

PLAN & PROFILE

SHEET
L- 9
OF 13

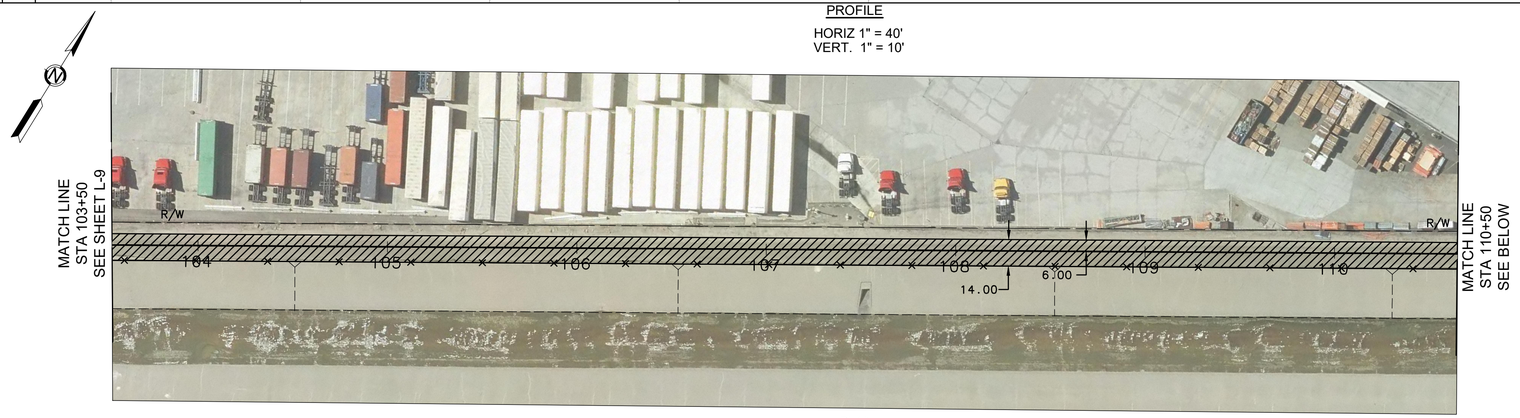
1 ½ 0 1 2
3 inches on original scale



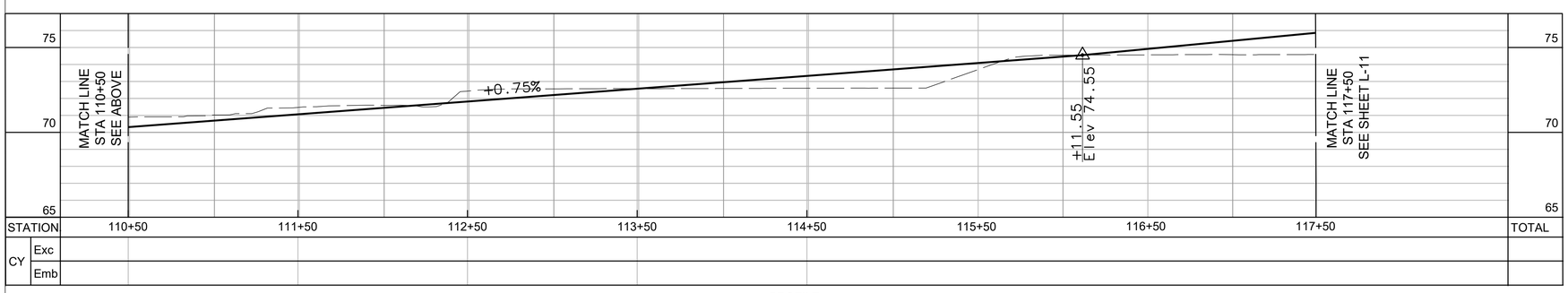
STATION		103+50	104+50	105+50	106+50	107+50	108+50	109+50	110+50	TOTAL
CY	Exc									
	Emb									

PROFILE

HORIZ 1" = 40'
VERT. 1" = 10'



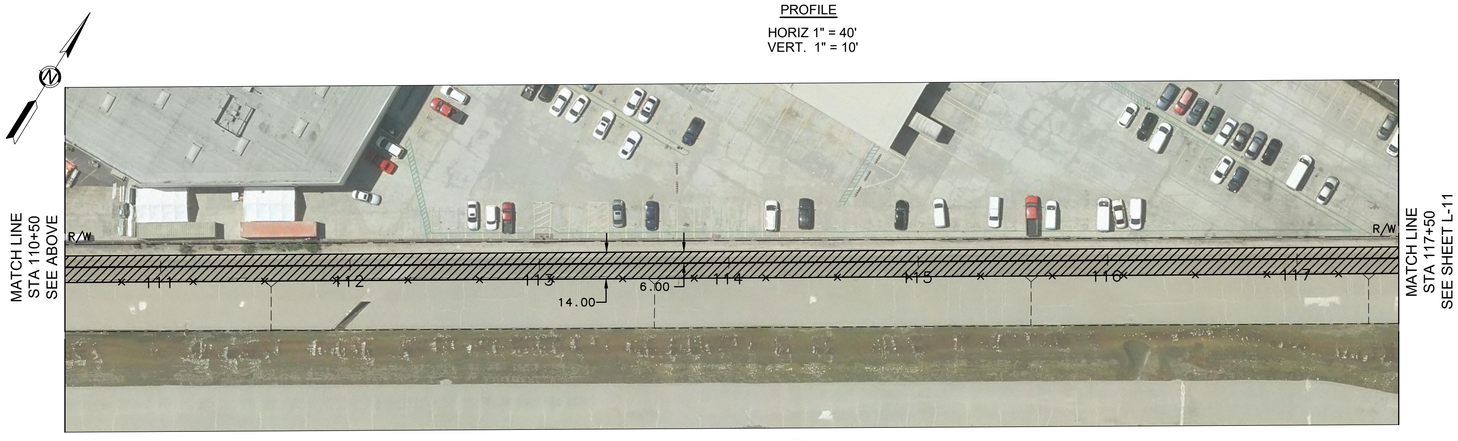
PLAN
1" = 40'



STATION		110+50	111+50	112+50	113+50	114+50	115+50	116+50	117+50	TOTAL
CY	Exc									
	Emb									

PROFILE

HORIZ 1" = 40'
VERT. 1" = 10'



PLAN
1" = 40'

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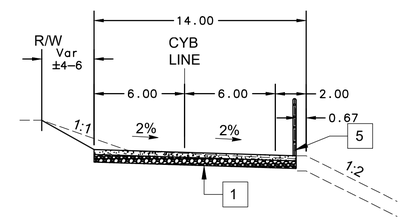

TYPICAL SECTION
STA 103+50 TO STA 117+50
NTS

1 ½ 0 1 2
3 inches on original scale

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

REGISTERED PROFESSIONAL ENGINEER
RAVI P. SHAH
No. 79183
Exp. 3/31/20
CIVIL
STATE OF CALIFORNIA

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County of Orange
OC Public Works

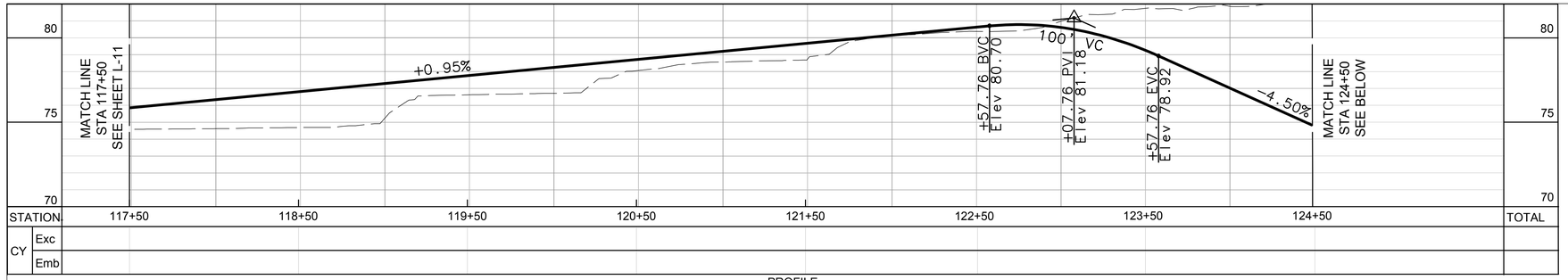
PREPARED BY: MARK THOMAS

COYOTE CREEK CLASS I BIKEWAY SEGMENT O,P & Q

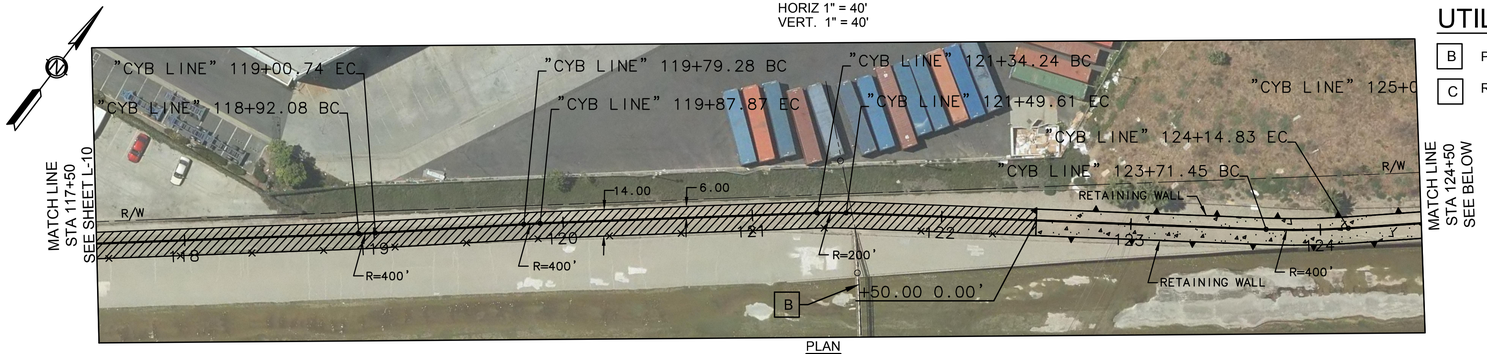
OCFD FACILITY -A01
STA. 103+50 TO STA. 117+50

PLAN & PROFILE

SHEET
L-10
OF 13



PROFILE
HORIZ 1" = 40'
VERT. 1" = 40'



PLAN
1" = 40'

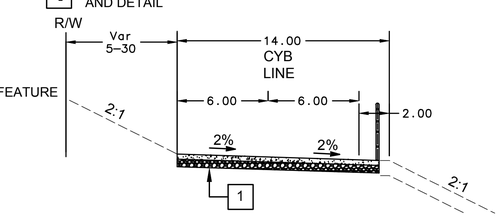
UTILITIES

B PROTECT IN PLACE

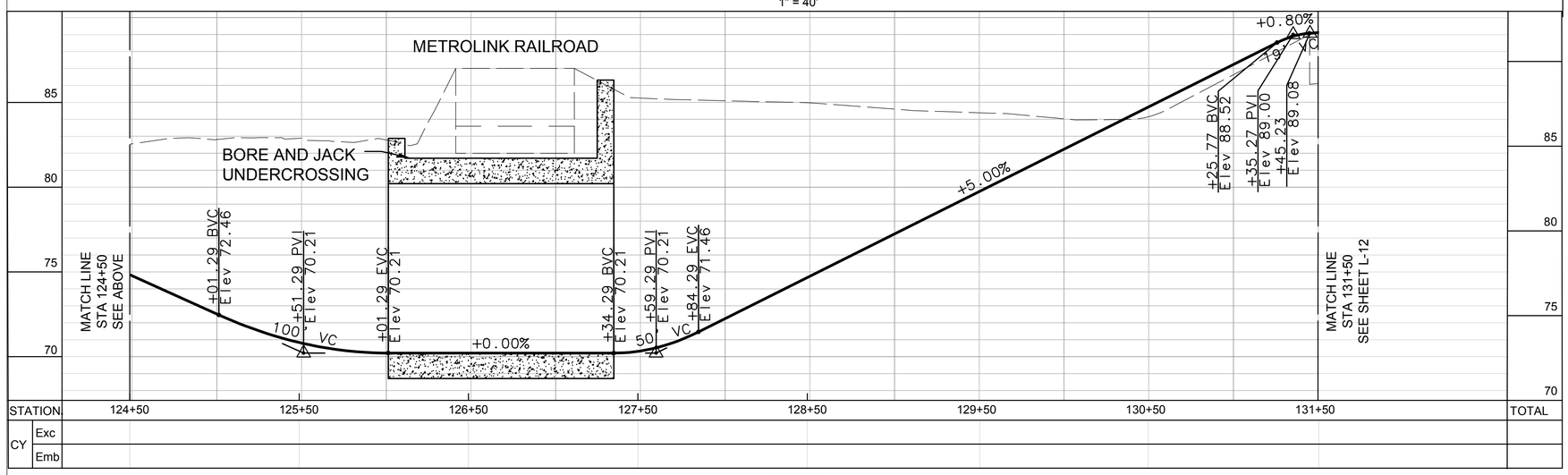
C RECONSTRUCT DRAINAGE FEATURE

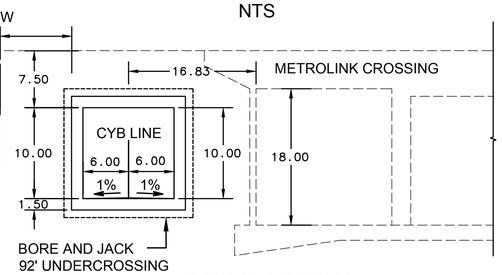
CONSTRUCTION NOTES

1. REMOVE EX. AC & CONSTRUCT 4 IN. THICK AC OVER 6 IN. CAB PER PLAN PROFILE AND DETAILS. SUBGRADE SHALL HAVE 90% MIN. RELATIVE COMPACTION, CAB & AC SHALL HAVE 95% MIN. RELATIVE COMPACTION PER OC PUBLIC WORKS STD. PLAN 1801 (NOTE NO. 9) AND 1805.
2. REMOVE EX. CONCRETE & CONSTRUCT 10" CONCRETE PATHWAY PER PLAN PROFILE AND DETAIL.
3. 3.5 IN (Min) NORMAL WT Conc OVER 16 Ga 3 IN METAL DECK
4. FURNISH AND INSTALL 5' CHAIN LINK FENCE PER OCPW STANDARD PLAN 600-3-0C
5. INSTALL CABLE RAILING PER CAL TRANS STD. PLAN B11-47 AND DETAIL ON SHEET L-13
6. CONSTRUCT CHANNEL WALL IN CONCRETE PER PLAN PROFILE AND DETAIL

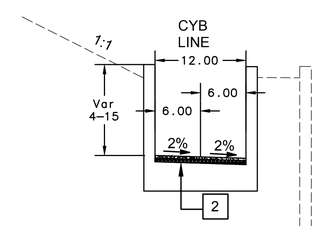


TYPICAL SECTION
STA 117+50 TO STA 122+00
NTS



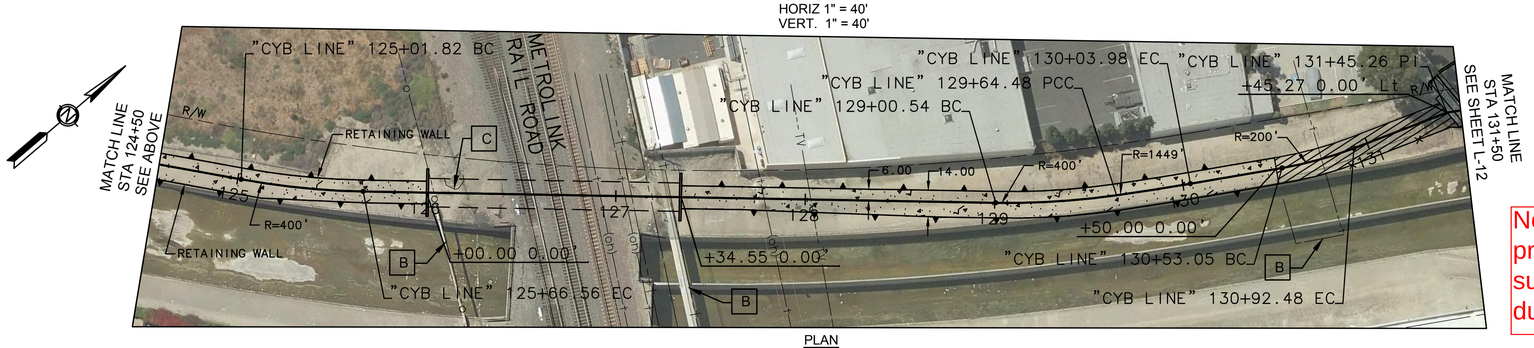


TYPICAL SECTION
STA 126+00 TO STA 127+34
NTS

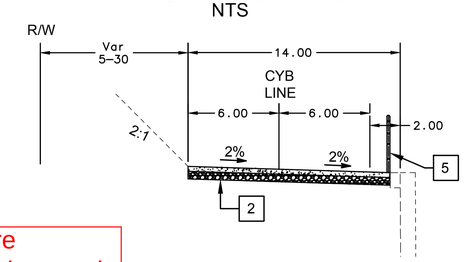


TYPICAL SECTION
STA 122+00 TO STA 126+00
STA 127+34 TO STA 130+50
NTS

PROFILE
HORIZ 1" = 40'
VERT. 1" = 40'



PLAN
1" = 40'



TYPICAL SECTION
STA 130+50 TO STA 131+00
NTS

Note: These are predesign drawings and subject to modification during design.

3 inches on original scale

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

REGISTERED PROFESSIONAL ENGINEER — RAM P. SHAH — No. 79183 — Exp. 3/31/20 — CIVIL — STATE OF CALIFORNIA

DATE

DESIGNED BY: CK
DRAWN BY: CK
CHECKED BY: RS
DRAWING NO.: ViewTitle
FILE NAME: OCLP_L-11-13.dwg
PLOT DATE: Wednesday, July 11, 2018
SCALE: AS SHOWN

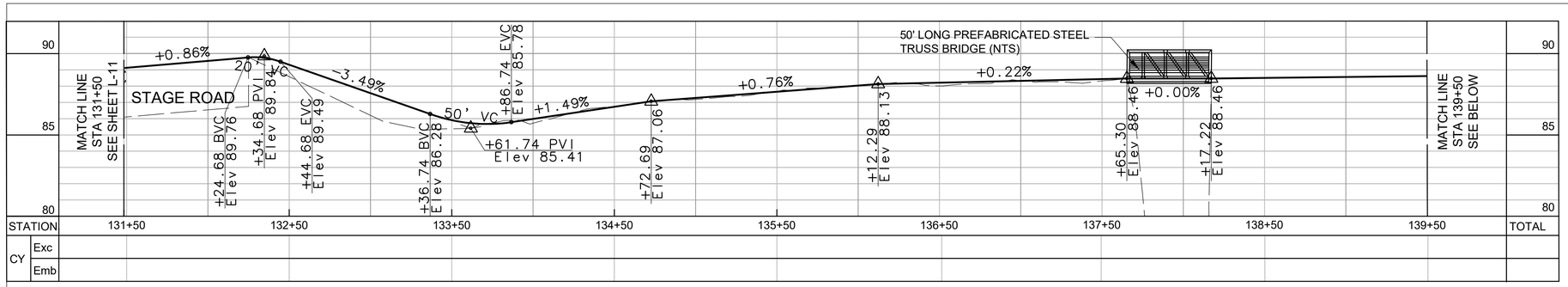
County of Orange
OC Public Works

PREPARED BY: MARK THOMAS

COYOTE CREEK
CLASS I BIKEWAY
SEGMENT O,P & Q
OCFD FACILITY -A01
STA 117+50 TO STA 131+50

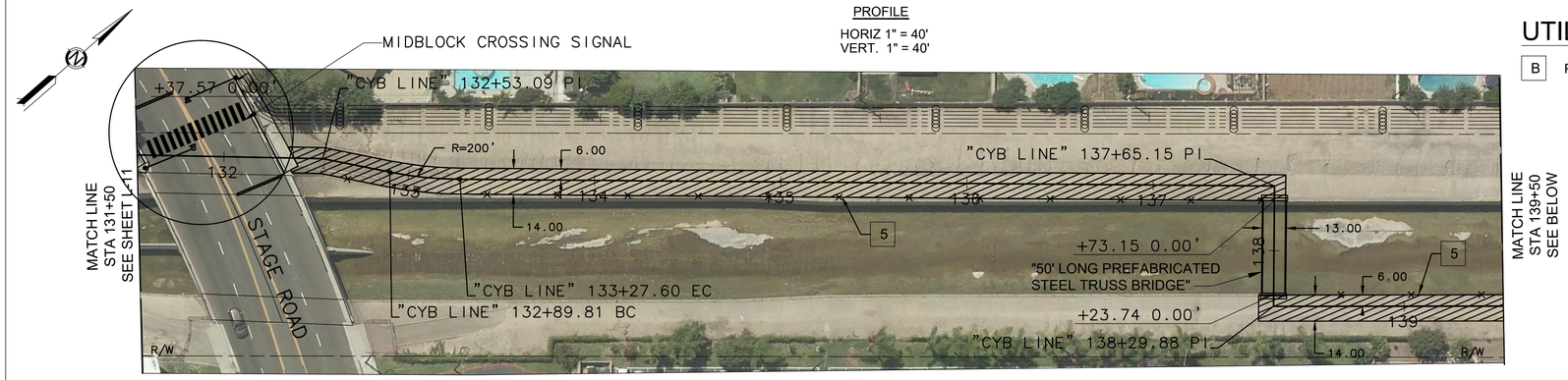
PLAN & PROFILE

SHEET
L-11
OF 13

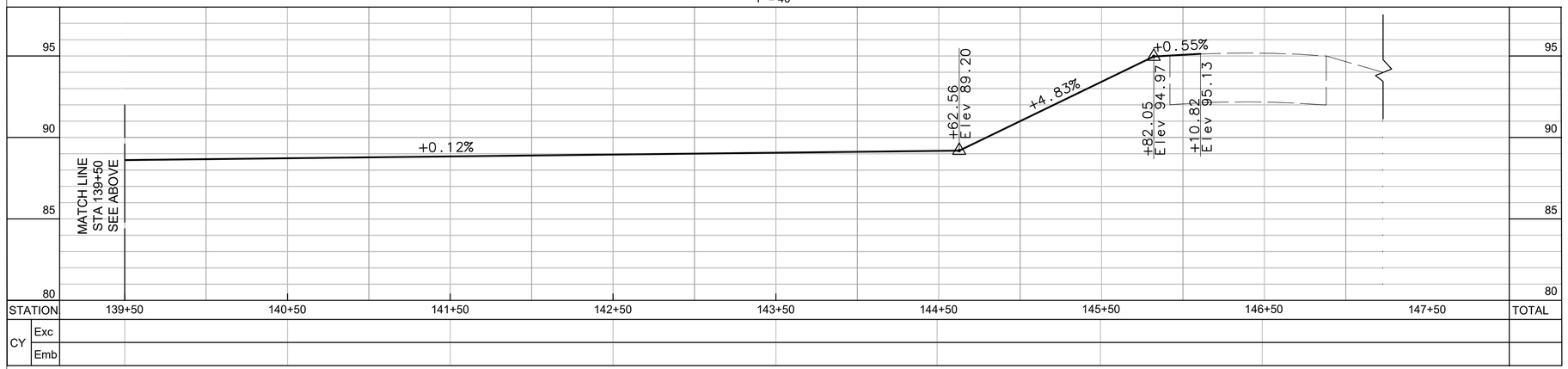


PROFILE

HORIZ 1" = 40'
VERT. 1" = 40'

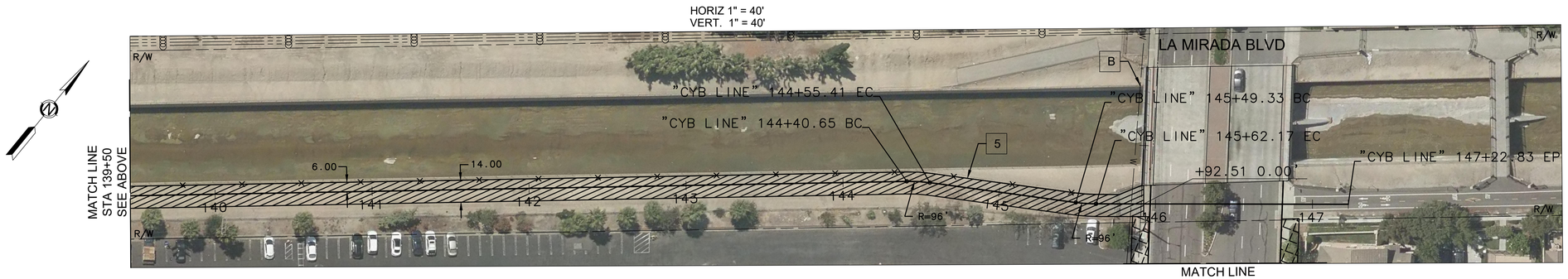


PLAN
1" = 40'



PROFILE

HORIZ 1" = 40'
VERT. 1" = 40'



PLAN
1" = 40'

UTILITIES

B	PROTECT IN PLACE

Note: These are predesign drawings and subject to modification during design.

CONSTRUCTION NOTES

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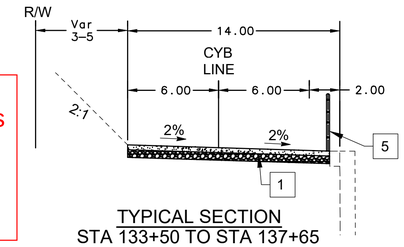
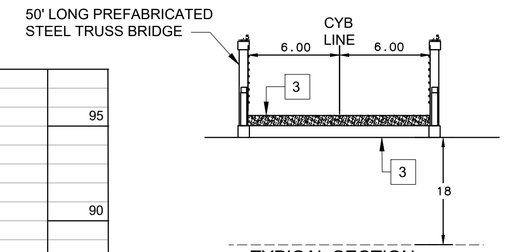
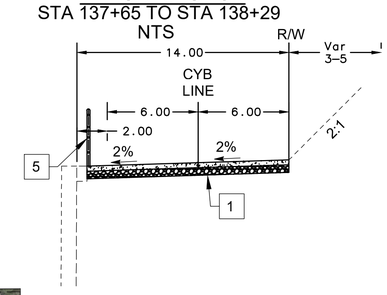


TYPICAL SECTION
STA 133+50 TO STA 137+65
NTS



TYPICAL SECTION
STA 137+65 TO STA 138+29
NTS



TYPICAL SECTION
STA 138+30 TO STA 144+40
NTS

2 1 ½ 0 1 2
3 inches on original scale

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

MARK	DESCRIPTION	DATE	APPR.

DATE

DESIGNED BY: CJK
DRAWN BY: CJK
CHECKED BY: RS
DRAWING NO.: ViewTitle
FILE NAME: OCLP_L-11-13.dwg
PLOT DATE: Wednesday, July 11, 2018
SCALE: AS SHOWN

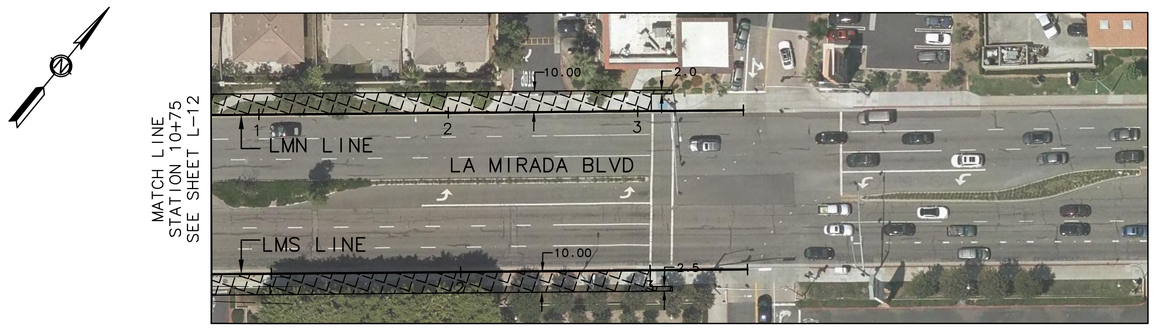
County of Orange
OC Public Works
PREPARED BY: MARK THOMAS

COYOTE CREEK
CLASS I BIKEWAY
SEGMENT O,P & Q
OCFD FACILITY -A01
STA 131+50 TO STA 144+22
PLAN & PROFILE

SHEET
L-12
OF 13

		NO PROFILE	
STATION			TOTAL
CY	Exc		
	Emb		

PROFILE
HORIZ 1" = 40'
VERT. 1" = 40'



PLAN
1" = 40'

Note: These are predesign drawings and subject to modification during design.

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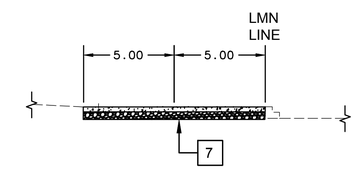
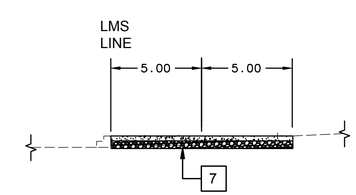
5. INSTALL CABLE RAILING PER CAL TRANS STD. PLAN B11-47 AND DETAIL ON SHEET L-13
6. CONSTRUCT CHANNEL WALL IN CONCRETE PER PLAN PROFILE AND DETAIL
7. CONSTRUCT 4" CONCRETE OVER 4" AB



TYPICAL SECTION
STA 10+24 TO STA 13+17
NTS



TYPICAL SECTION
STA 10+11 TO STA 13+11
NTS

1 ½ 0 1 2
3 inches on original scale

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:
REGISTERED PROFESSIONAL ENGINEER RAVI R. SHAH No. 78183 Exp. 3/31/20 CIVIL STATE OF CALIFORNIA
DATE

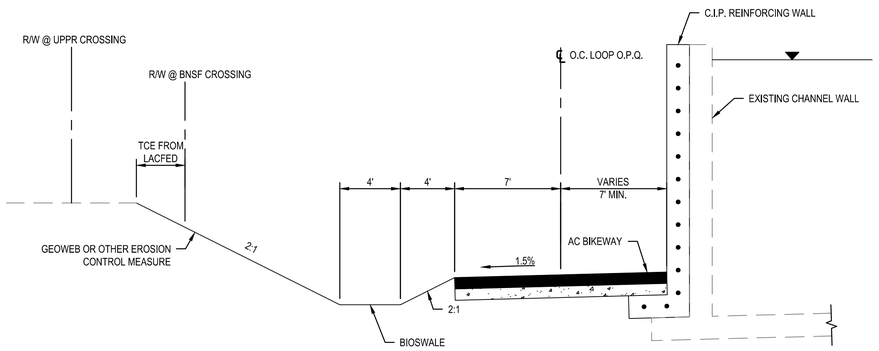
DESIGNED BY: CJC
DRAWN BY: CJC
CHECKED BY: RS
DRAWING NO.: ViewTitle
FILE NAME: OCLP_L-11-13.dwg
PLOT DATE: Wednesday, July 11, 2018
SCALE: AS SHOWN

County of Orange
OC Public Works
PREPARED BY:
MARK THOMAS

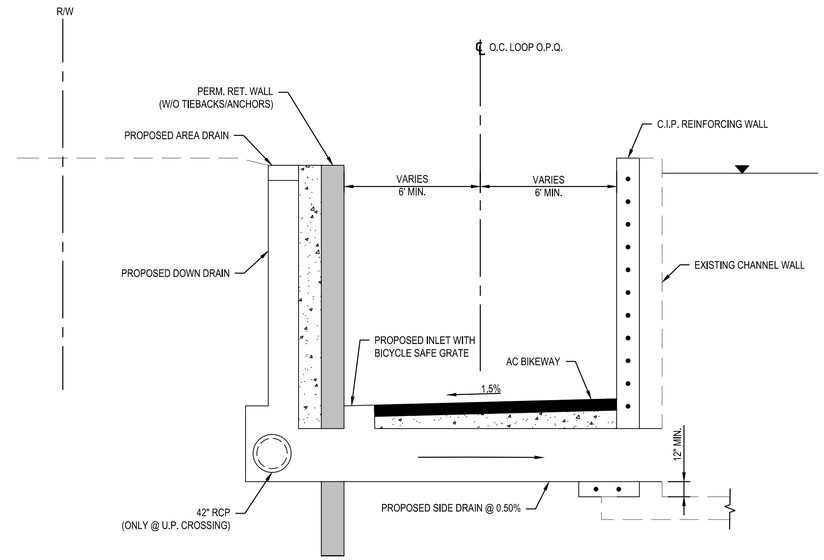
COYOTE CREEK
CLASS I BIKEWAY
SEGMENT O,P & Q
OCFD FACILITY -A01
STA 10+11 TO STA 13+17
PLAN & PROFILE

SHEET
L-13
OF 13

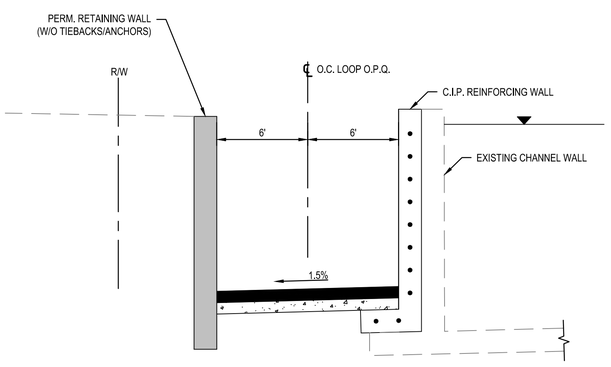
Note: These are predesign drawings and subject to modification during design.



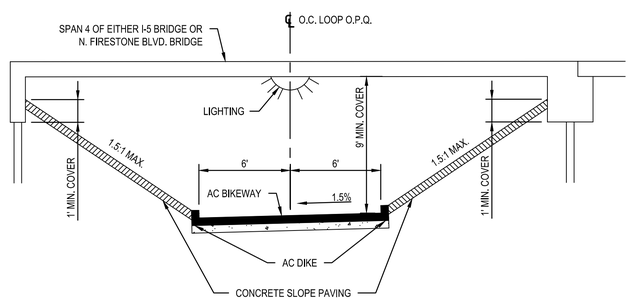
A SECTION
SCALE: 1" = 5'



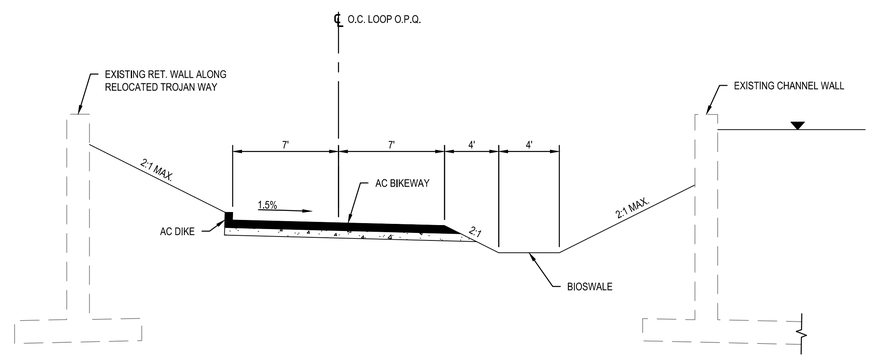
B SECTION
SCALE: 1" = 5'



C SECTION
SCALE: 1" = 5'



D SECTION
SCALE: 1" = 5'



E SECTION
SCALE: 1" = 5'

DIGALERT
DIAL TOLL FREE
811
AT LEAST TWO DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

COUNTY OF ORANGE CALIFORNIA

MARK	DESCRIPTION	DATE	APPR.

PREPARED UNDER THE RESPONSIBLE CHARGE OF:

DATE

DESIGNED BY:
DRAWN BY:
CHECKED BY:
DRAWING NO: C-106
FILE NAME: 112560772-C301.dwg
PLOT DATE:
SCALE: AS SHOWN

County of Orange
OC Public Works

PREPARED BY:
GHD Inc.
3301 Goddard Way Suite 200
Irvine California 92618 USA
T 1 949 648 5200
F 1 949 648 5299
W www.ghd.com

OC LOOP
SEGMENTS O, P, Q
STA 68 :50 TO STA 73 :50

TYPICAL CROSS SECTIONS

SHEET
C-301
9 OF 15

Filename: N:\US\Irvine\Projects\61\11126772\Digital_Design\CAD 2018\Cat 3D\112560772-C301.dwg
Plotted By: Erica Hall
Plot Date: 27 March 2020 - 11:43 AM