

CURB CURVE DATA

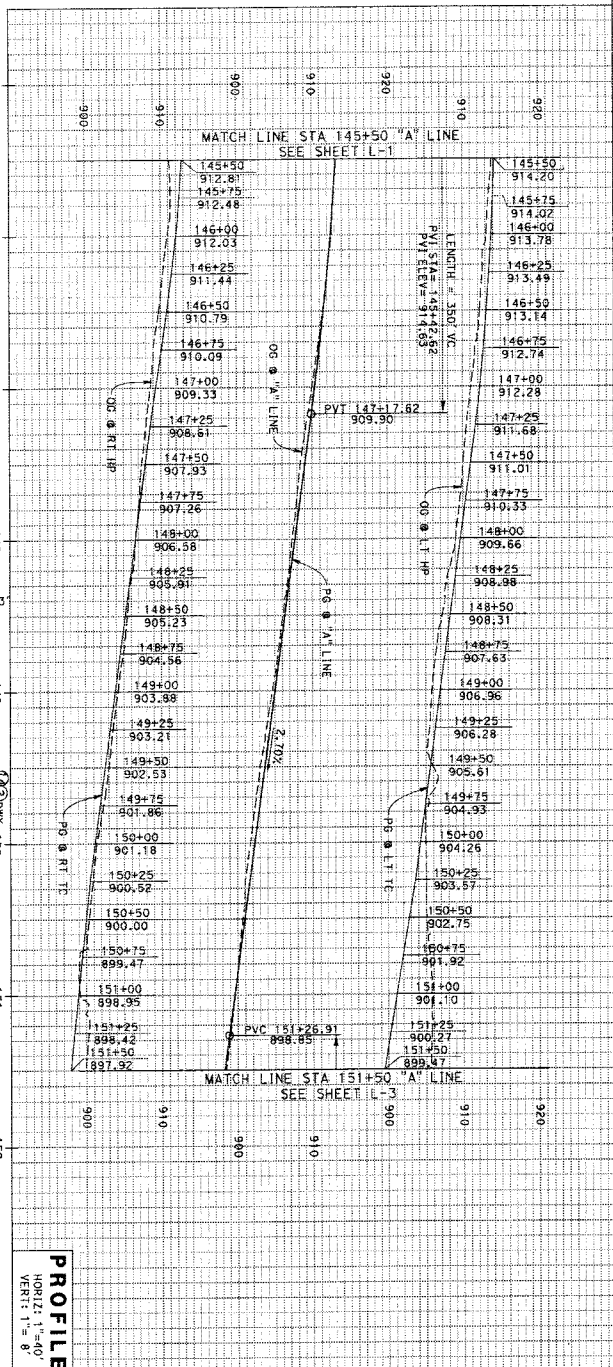
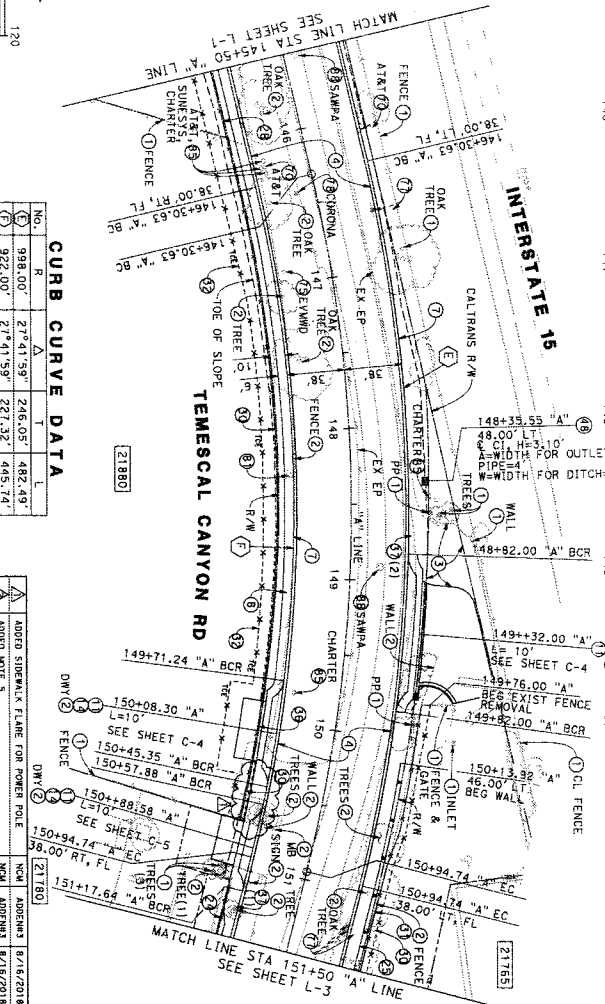
No.	R	Δ	T	Δ
1	98.00'	27°41'53"	246.05'	482.49'
2	922.00'	27°41'53"	221.32'	445.74'

MARK	REVISIONS	BY	DATE
Δ	ADDED SIDEWALK FLARE FOR POWER POLE	KON	8/16/2016
Δ	ADDED NOTE 5	KON	8/16/2016
Δ	REVISED CONSTRUCTION NOTES	KON	8/16/2016

NO.	DATE	BY	DESCRIPTION
1	8/16/2016	KON	PREPARED UNDER THE SUPERVISION OF:
2	8/16/2016	KON	DESIGNED BY:
3	8/16/2016	KON	CHECKED BY:
4	8/16/2016	KON	DATE:

PREPARED BY: **TEMESCAL CANYON RD**
 DOS LAÇOS DR TO LEROY RD
 STA 145+50 TO 151+50
 SHEET 08 OF 73

DATE PLOTTED: 8/16/2016
 TIME PLOTTED: 12:03:41 PM



CONSTRUCTION NOTES:

1. PROTECT IN PLACE (AS NOTED)
2. REMOVE (AS NOTED)
3. COULD PLACE 0.10" AND OVERLAY 0.10" HMA (1.27')
4. CONSTRUCT 0.17" RHMA (1.27') OVER 0.50" HMA (1.71') OVER 0.83" CLASS 2 AGGREGATE BASE (GRIND EXIST AC WHERE NOTED ON PS SHEETS)
5. CONSTRUCT TYPE A-6 CURB AND GUTTER PER COUNTY STD NO. 200 AND DETAIL ON SHEET C-2
6. CONSTRUCT 4" THICK SIDEWALK PER AND COUNTY STD NO. 401
7. CONSTRUCT COMMERCIAL DRIVEWAY APPROACH PER COUNTY STD NO. 207A AND DETAIL SHEET C-1
8. CONSTRUCT DRIVEWAY TIE-IN 0.25' HMA (1.27') OVER 0.50" CLASS 2 AGGREGATE BASE
9. CONSTRUCT MASONRY RETAINING WALL PER SPPMC STD PLAN 618-3 AND DETAIL ON SHEET C-5 OR C-9
10. CONSTRUCT REINFORCED CONCRETE RETAINING WALL AND ASSOCIATED IMPROVEMENTS PER DETAILS ON SHEET R-1
11. INSTALL 5" HIGH CHAIN LINK FENCE WITH TOP RAIL AND BARBED WIRE PER SPPMC STD PLAN 600-3
12. INSTALL 6" HIGH CHAIN LINK FENCE PER SPPMC STD PLAN 600-3
13. INSTALL 6" HIGH CHAIN LINK FENCE WITH TOP RAIL AND BARBED WIRE PER SPPMC STD PLAN 600-3
14. INSTALL TEMPORARY FENCE (TYPE CL-6)
15. INSTALL 38" WIDE ROLLING GATE
16. INSTALL MAILBOX (# OF MAILBOXES)
17. INSTALL PARKING BUMPERS (# OF PARKING BUMPERS), PER DETAIL ON SHEET C-2
18. CONSTRUCT DROOP INLET WITH FULL TRASH CAPTURE DEVICE PER RCPD STD DRG NO. 08110
19. RELOCATE TELEPHONE PERISAL BY OTHERS (AS NOTED)
20. RELOCATE TELEPHONE TOWER AS NOTED
21. RELOCATE TOWER TO BE DETAIL ON SHEET U SHEETS
22. RELOCATE WATER METER (OWNER AS NOTED)
23. RELOCATE LIGHT POLE BY PRIVATE OWNER
24. RELOCATE FIBER OPTIC POLE BY OTHERS (AS NOTED)
25. ADJUST MANHOLE TO GRADE (OWNER AS NOTED)

FOR UTILITY INFORMATION SEE U SHEETS

LEGEND:

- TFESA- TEMP HIGH VIS FENCE (ESA)
- PERMANENT FENCE
- TEMPORARY FENCE (TYPE CL-6)
- TCE
- STREET NUMBER ALONG TEMESCAL CANYON ROAD UNLESS OTHERWISE NOTED

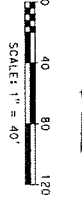
NOTES:

1. FOR CENTERLINE ALIGNMENT DATA SEE SHEET PC-1
2. REMOVE ALL TREES, BUSHES, SHRUBS, AND VEGETATION WITHIN LIMITS OF CLEARING UNLESS NOTED OTHERWISE.
3. ALL TREES AND VEGETATION OUTSIDE LIMITS OF CLEARING TO REMAIN AND BE PROTECTED AT ALL TIMES.
4. TEMPORARY IMPACTS TO AREAS WITHIN ESA FENCE TO BE MITIGATED BY REVEGETATING WITH HERB SEEDING AFTER CONSTRUCTION AS NOTED ON SHEETS R-1 AND R-2.
5. PRIOR TO ACTUAL REMOVAL, THE CONTRACTOR SHALL MARK TREES IN THE FIELD AND OBTAIN APPROVAL FROM THE ENGINEER.

STREET IMPROVEMENT PLANS SHEET NO.

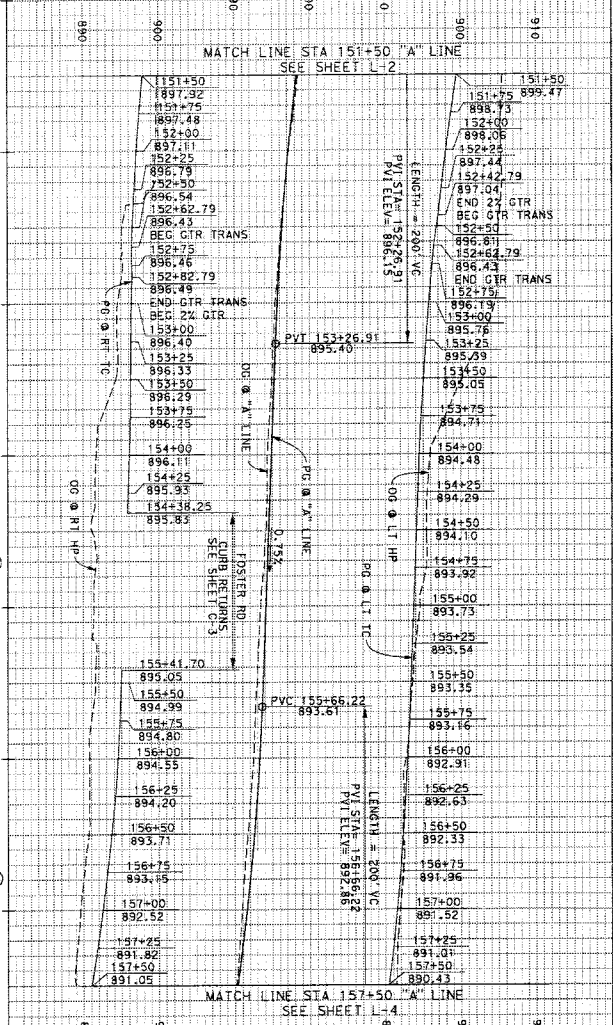
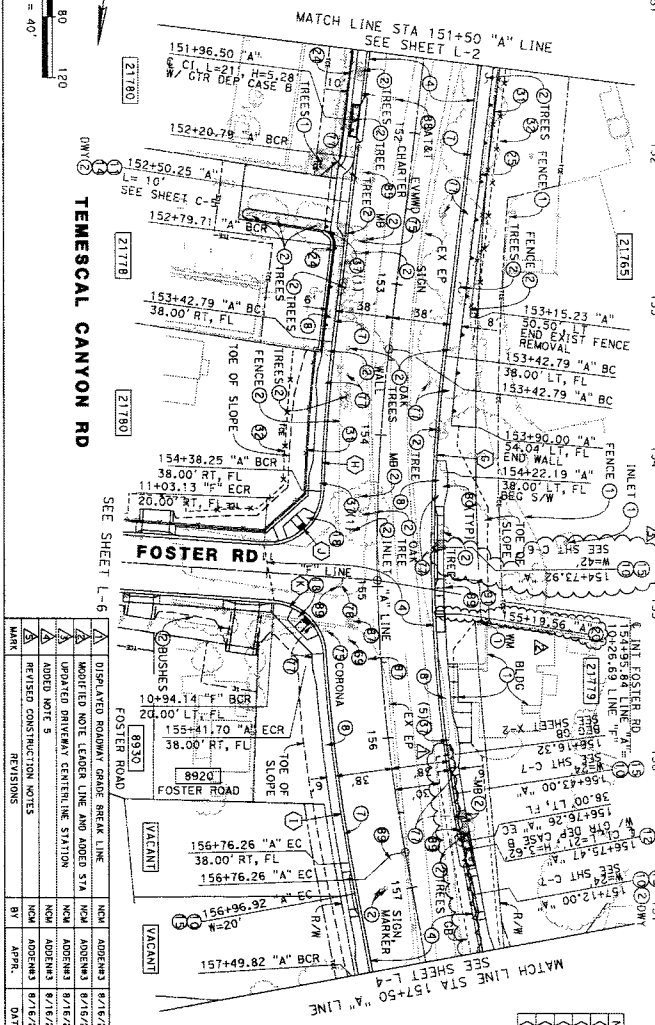
TEMESCAL CANYON RD
 DOS LAÇOS DR TO LEROY RD
 STA 145+50 TO 151+50
 SHEET 08 OF 73

WO CB-0066 COUNTY FILE NO. 965-XX



TEMESCAL CANYON RD

FOSTER RD



CURB CURVE DATA

No.	R	A	T	L
1	1047.00'	117°56.34'	182.17'	321.25'
2	1123.00'	57°02.28'	49.43'	98.80'
3	1123.00'	7°06.20'	69.12'	139.27'
4	35.00'	91°56.92'	36.21'	56.16'
5	35.00'	82°35.42'	30.75'	50.45'

PROFILE
HORIZ: 1"=40'
VERT: 1"=8'

REVISIONS

MARK	DATE	BY	REVISIONS
1	8/16/2018	ADRIANA	DISPATCHED ROADWAY GRADE BREAK LINE
2	8/16/2018	ADRIANA	UPDATED NOTE LEADER LINE AND ADDED STA
3	8/16/2018	ADRIANA	UPDATED DRIVER CENTERLINE STATION
4	8/16/2018	ADRIANA	ADDED NOTE 5
5	8/16/2018	ADRIANA	REVISED CONSTRUCTION NOTES
6	8/16/2018	ADRIANA	REVISIONS

FOR UTILITY INFORMATION
SEE U SHEETS

LEGEND:
 - - - - - TEMP HIGH VIS FENCE (ESA)
 - - - - - PERMANENT FENCE
 - - - - - TEMPORARY FENCE (TYPE CL-6)
 --- TCE
 222222 STREET NUMBER ALONG TEMESCAL CANYON ROAD UNLESS OTHERWISE NOTED

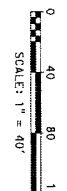
NOTES:

- FOR CENTERLINE ALIGNMENT DATA SEE SHEET PC-1
- REMOVE ALL TREES, BUSHES, SHRUBS, AND VEGETATION WITHIN LIMITS OF CLEARING UNLESS NOTED OTHERWISE.
- ALL TREES AND VEGETATION OUTSIDE LIMITS OF CLEARING TO REMAIN AND BE PROTECTED AT ALL TIMES.
- TEMPORARY IMPACTS TO AREAS WITHIN ESA FENCE TO BE MITIGATED BY REVEGETATION WITH IRMO-SEEDING AFTER CONSTRUCTION IS COMPLETED.
- PRIOR TO ACTUAL REMOVAL, THE CONTRACTOR SHALL MARK TREES IN THE FIELD AND OBTAIN APPROVAL FROM THE ENGINEER.

PREPARED BY
 EDWARD DE JONGE
 CIVIL ENGINEER
 LICENSE NO. 42903
 DATE 07/10/2018

STREET IMPROVEMENT PLANS SHEET NO. L-3
 DDS LAOS DR TO LEROY RD
 STA 151+50 TO 157+50
 sheet 09 of 73

- CONSTRUCTION NOTES:**
- PROTECT IN PLACE (AS NOTED)
 - REMOVE (AS NOTED)
 - CONSTRUCT 0.17' HMA (1 1/2") OVER 0.50' HMA (1") OVER 0.43' CLASS 2 AGGREGATE BASE (IGNRD EXIST AC WHERE NOTED ON PS SHEETS)
 - CONSTRUCT TYPE A-6 CURB AND GUTTER PER COUNTY STD NO. 200 AND DETAIL ON SHEET C-2
 - CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 401 AND DETAIL ON SHEET C-1
 - CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207 AND DETAIL ON SHEET C-1
 - CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300, WITH FULL TRASH CAPTURE DEVICE
 - CONSTRUCT DRIVEWAY TIE-IN WITH 0.25' (1 1/2") HMA OVER 0.50' CLASS 2 AGGREGATE BASE
 - CONSTRUCT DRIVEWAY TIE-IN WITH 0.75' CLASS 2 AGGREGATE BASE
 - CONSTRUCT CURB RAMP, CASE A, PER COUNTY STD NO. 403 AND DETAIL ON SHEET C-5 OR C-9
 - CONSTRUCT CURB RAMP, CASE C, PER CALTRANS STD PLAN RSP AB8A
 - CONSTRUCT MASONRY RETAINING WALL PER SPRNC STD PLAN 618-3 AND DETAIL ON SHEET C-5 OR C-9
 - CONSTRUCT REINFORCED CONCRETE RETAINING WALL AND ASSOCIATED IMPROVEMENTS PER DETAILS ON SHEET R-1
 - INSTALL 5' HIGH CHAIN LINK FENCE PER SPRNC STD PLAN 800-3
 - INSTALL 6' HIGH CHAIN LINK FENCE WITH TOP RAIL AND BARBED WIRE PER SPRNC STD PLAN 800-3
 - INSTALL TEMPORARY FENCE (TYPE CL-6)
 - INSTALL MAILBOX (# OF MAILBOXES)
 - RELOCATE 20'-6" WIDE ROLLING GATE
 - RELOCATE ROADSIDE SIGN, SEE PD SHEETS
 - RELOCATE HYDRANT (OWNER AS NOTED)
 - POWER POLE TO BE RELOCATED BY SEE U SHEETS
 - RELOCATE WATER METER (OWNED BY CORONA)
 - FLARE SIDEWALK PER DETAIL ON SHEET C-2
 - RELOCATE FIBER OPTIC PULL BOX BY OTHERS (AS NOTED)
 - ADJUST GAS VALVE COVER TO GRADE
 - ADJUST MANHOLE TO GRADE (OWNER AS NOTED)
 - ADJUST WATER VALVE COVER TO GRADE
 - ADJUST STORM DRAIN MANHOLE TO GRADE



CURB CURVE DATA

NO.	R	Δ	Δ/2	Δ/4	Δ/8	Δ/16
1	1138.00'	23°58.53'	241.55'	476.04'	683.57'	831.75'
2	1082.00'	23°58.53'	225.00'	461.57'	668.57'	816.75'

ADJUSTED SIDEWALK DIMENSION

NO.	ADJUSTED DIMENSION	DATE
1	ADJUSTED DIMENSION	8/16/2018
2	ADJUSTED DIMENSION	8/16/2018
3	ADJUSTED DIMENSION	8/16/2018
4	ADJUSTED DIMENSION	8/16/2018
5	ADJUSTED DIMENSION	8/16/2018

PREPARED BY

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

DATE: 07/10/2018

PROJECT NO. 965-XX

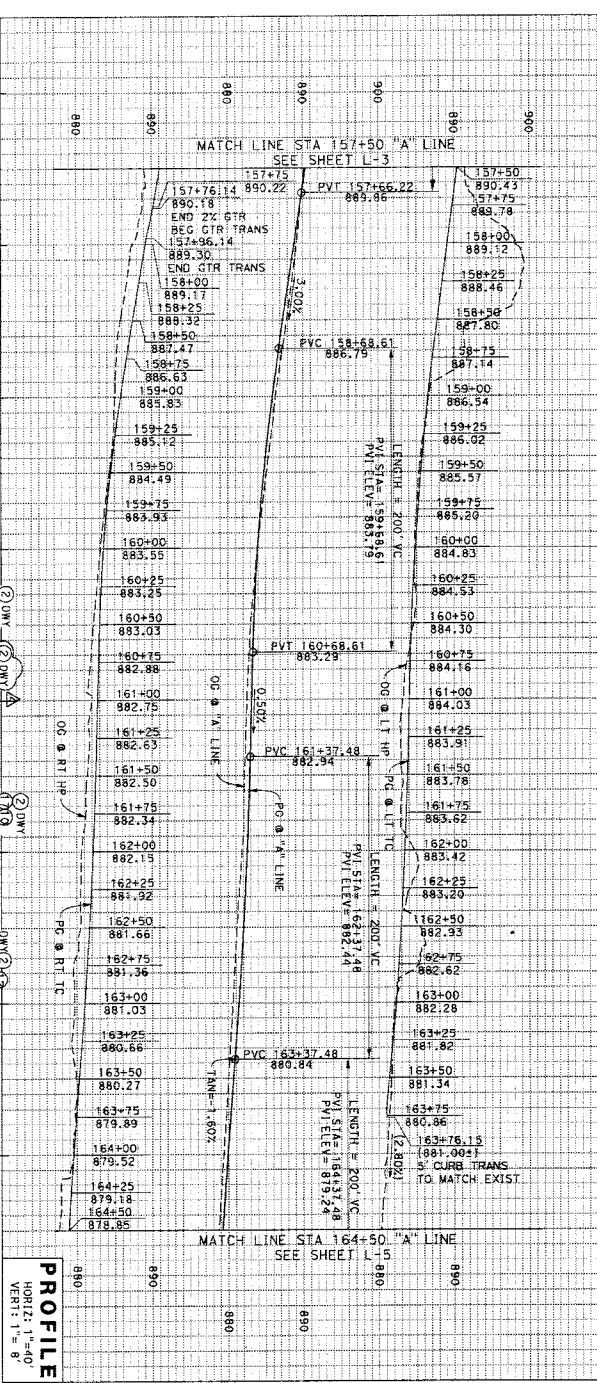
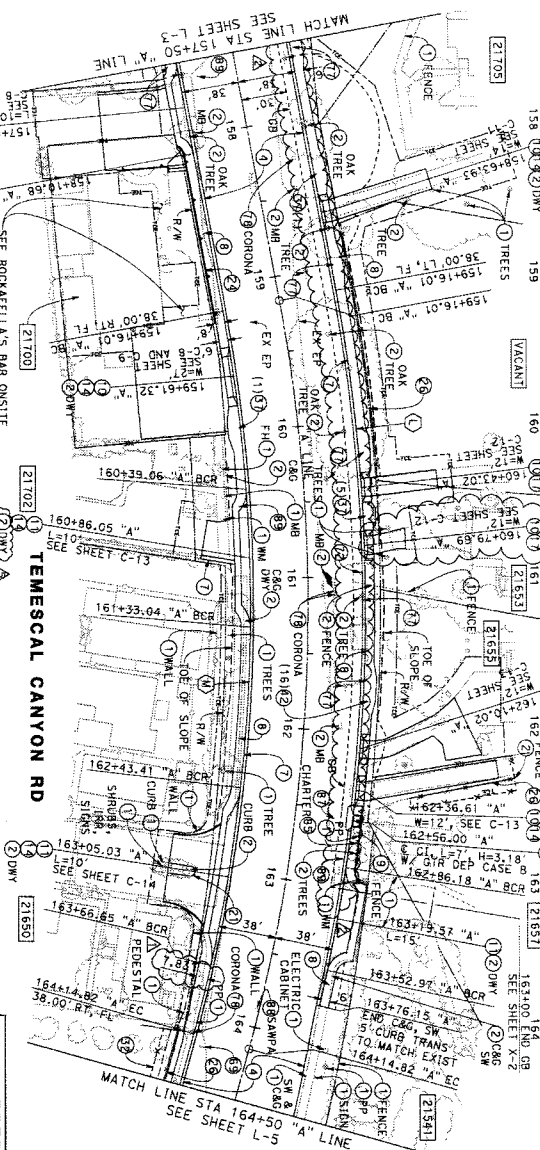
STREET IMPROVEMENT PLANS SHEET NO. L-4

TEMESCAL CANYON RD

DOS LAGOS DR TO LEROY RD

"A" LINE STA 157+50 TO 164+50

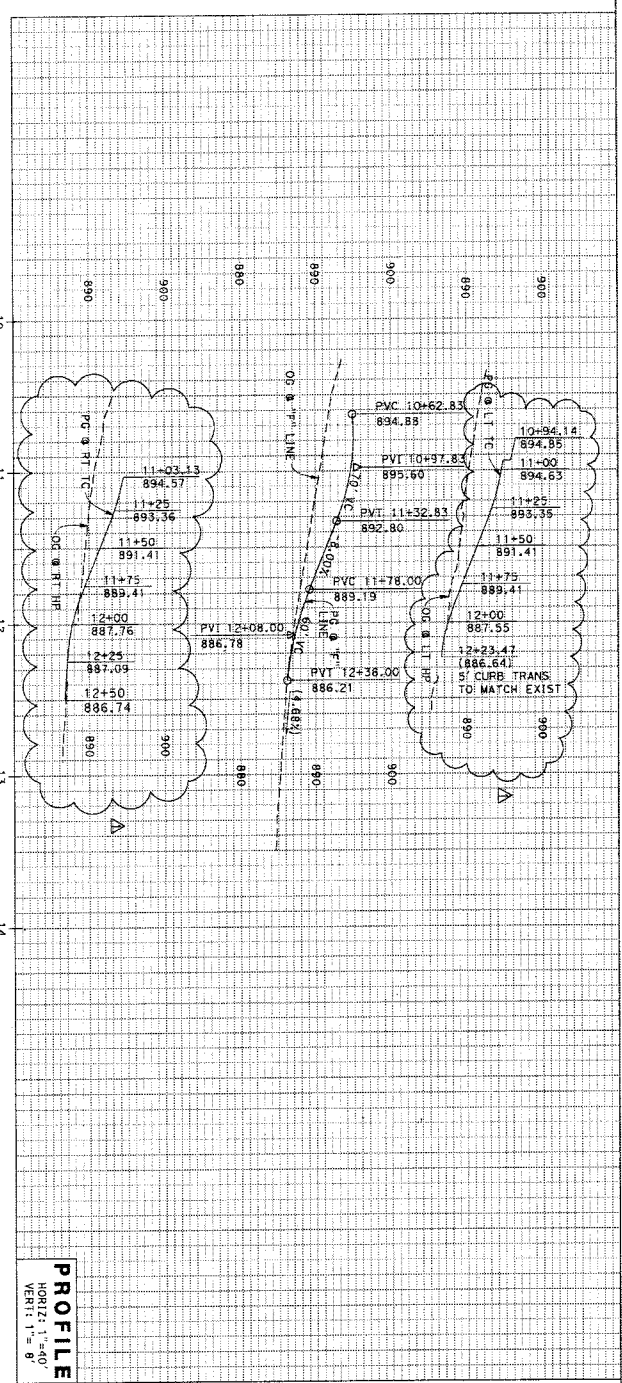
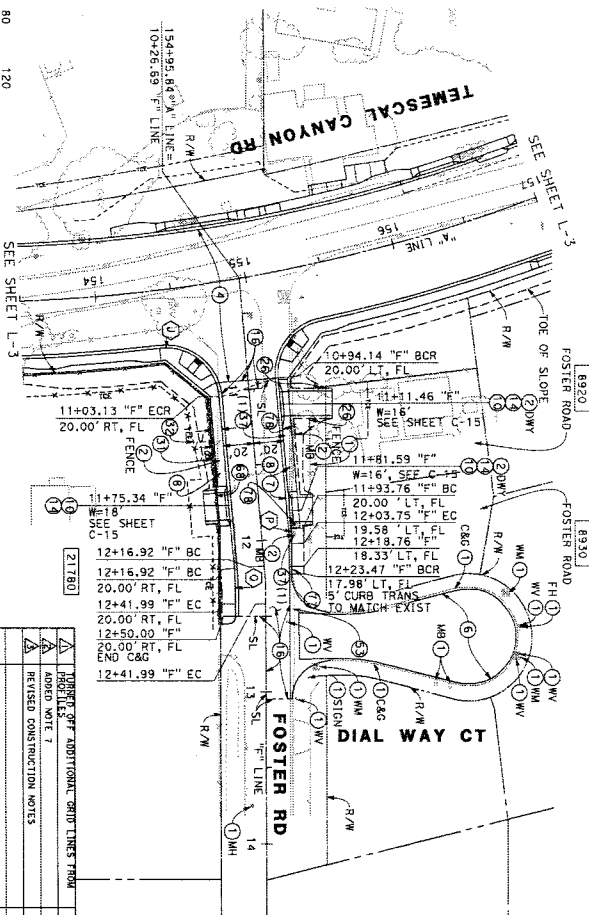
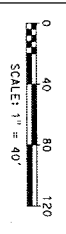
SHEET 10 OF 73



- CONSTRUCTION NOTES:**
- PROTECT IN PLACE (AS NOTED)
 - REMOVE (AS NOTED)
 - CONSTRUCT 0.17' HMA (1.2") OVER 0.50' HMA (1") OVER 0.83' CLASS 2 AGGREGATE BASE (BRIND EXIST AC WHERE NOTED ON PS SHEETS)
 - CONSTRUCT TYPE A-B CURB AND OUTER PER COUNTY STD NO. 200 AND DETAIL ON SHEET C-2
 - CONSTRUCT 4" THICK SIDEWALK PER COUNTY STD NO. 401
 - CONSTRUCT 4" THICK SIDEWALK WITH RETAINING CURB, PER COUNTY STD NO. 401 AND DETAIL ON SHEET C-1
 - CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207 AND DETAIL ON SHEET C-1
 - CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207A AND DETAIL ON SHEET C-1
 - CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300 WITH FULL TRASH CAPTURE DEVICE
 - CONSTRUCT DRIVEWAY TIE-IN WITH 0.25' HMA (1.2") OVER 0.50' CLASS 2 AGGREGATE BASE
 - CONSTRUCT 6" PCC DRIVEWAY TIE-IN
 - CONSTRUCT 6" TYPE "B" CURB PER COUNTY STD NO. 204
 - CONSTRUCT MASONRY RETAINING WALL PER SPAC STD. PLAN 618-3 AND DETAIL ON SHEET C-5 OR C-9
 - INSTALL 5" HIGH CHAIN LINK FENCE PER SPAC STD PLAN 600-3
 - INSTALL TEMPORARY FENCE (TYPE CL-6)
 - INSTALL MAILOX (OR MAILBOXES)
 - INSTALL CLUSTER BOX UNIT (4 OF UNITS)
 - RELOCATE SIDEWALK SIGN, SEE PD SHEETS
 - RELOCATE GAS METER BY SCG
 - POWER POLE TO BE DELETED BY SEE SEE U SHEETS
 - RELOCATE WATER METER (NUMBER AS NOTED)
 - RELOCATE FIBER OPTIC POLE (BY OTHERS (AS NOTED))
 - ADJUST GAS VALVE COVER TO GRADE
 - ADJUST MANHOLE TO GRADE (LOWER AS NOTED)
 - ADJUST WATER VALVE COVER TO GRADE

- LEGEND:**
- TEMP HIGH VIS FENCE (ESA)
 - PERMANENT FENCE
 - TEMPORARY FENCE (TYPE CL-6)
 - TCE
 - STREET NUMBER ALONG TEMESCAL CANYON ROAD UNLESS OTHERWISE NOTED
- FOR UTILITY INFORMATION SEE U SHEETS**

- NOTES:**
- FOR CENTERLINE ALIGNMENT DATA SEE SHEET PC-1
 - REMOVE ALL TREES, BUSHES, SHRUBS, AND VEGETATION WITHIN LIMITS OF CLEARING UNLESS NOTED OTHERWISE.
 - ALL TREES AND VEGETATION OUTSIDE LIMITS OF CLEARING TO REMAIN AND BE PROTECTED AT ALL TIMES.
 - TEMPORARY IMPACTS TO AREAS WITHIN ESA FENCE TO BE MITIGATED BY REVEGETATION WITH HIRD-SEEDING AFTER CONSTRUCTION AS DESCRIBED IN THE SPECIFICATIONS.
 - BEFORE THE FIELD AND OBTAIN APPROVAL FROM THE ENGINEER.



NO.	REVISIONS	BY	DATE
1	ADDED NOTE 1	NCA	8/16/2018
2	REVISED CONSTRUCTION NOTES	NCA	8/16/2018

PREPARED BY
 EDWARD M. RIVERA
 PROJECT MANAGER
 4140 GREEN RIVER RD, STE 218
 CORONA, CA 92620
 951-261-1111

STREET IMPROVEMENT PLANS SHEET NO.
TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 "F" LINE STA 10+26.69 TO 14+50

DATE PLOTTED: 8/16/2018
 TIME PLOTTED: 12:03:53 PM

**FOR UTILITY INFORMATION
 SEE U SHEETS**

PROFILE
 HORIZ: 1" = 40'
 VERT: 1" = 8'

CONSTRUCTION NOTES:

1. PROTECT IN PLACE (AS NOTED)
2. REMOVE (AS NOTED)
3. CONSTRUCT 0.17' HMA (1.2") OVER 0.50' HMA (1") OVER 0.83' CLASS 2 AGGREGATE BASE (GRIND EXIST AC WHERE NOTED ON PS SHEETS)
4. REMOVE EXISTING AC, REGRADE BASE TO ACCEPT 0.30' PAVING, CONSTRUCT EXISTING BASE TO 95% MIN RELATIVE COMPACTION, PLACE FILL COMPACTION TO 95% MIN RELATIVE COMPACTION, AND CONSTRUCT 0.45' HMA (3/4") IN 2 LIFTS
5. CONSTRUCT TYPE A-6 CURB AND GUTTER PER COUNTY STD NO. 200 AND DETAIL ON SHEET C-2
6. CONSTRUCT 4" THICK SIDEWALK PER COUNTY STD NO. 401 AND DETAIL ON SHEET C-1
7. CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207 AND DETAIL ON SHEET C-1
8. CONSTRUCT DRIVEWAY "E" IN 0.25' HMA (1.2") OVER 0.50' CLASS 2 AGGREGATE BASE
9. GRIND EXISTING AC, REGRADE AND RECOMPACT EXISTING BASE TO 95% MIN RELATIVE COMPACTION, PLACE FILL COMPACTION TO 95% MIN RELATIVE COMPACTION, AND CONSTRUCT 0.45' HMA (3/4") IN 2 LIFTS
10. INSTALL 5' HIGH CHAIN LINK FENCE PER SPPAC
11. STD PLAN 600-3
12. INSTALLED 6' HIGH CHAIN LINK FENCE WITH TOP RAIL AND BARBED WIRE PER SPPAC PLAN 600-3
13. INSTALL TEMPORARY FENCE (TYPE CL-6)
14. REMOVE AND RECONSTRUCT CROSS-GUTTER AND SPANDELS PER COUNTY STD. NO. 209
15. RELOCATE 20'-6" WIDE ROLLING GATE
16. RELOCATE ROADSIDE SIGN, SEE PD SHEETS
17. POWER POLE TO BE RELOCATED BY SEE U SHEETS
18. RELOCATE WATER METER (OWNED BY CORONA)
19. ADJUST GAS VALVE COVER TO GRADE
20. ADJUST WATER VALVE COVER TO GRADE

LEGEND:

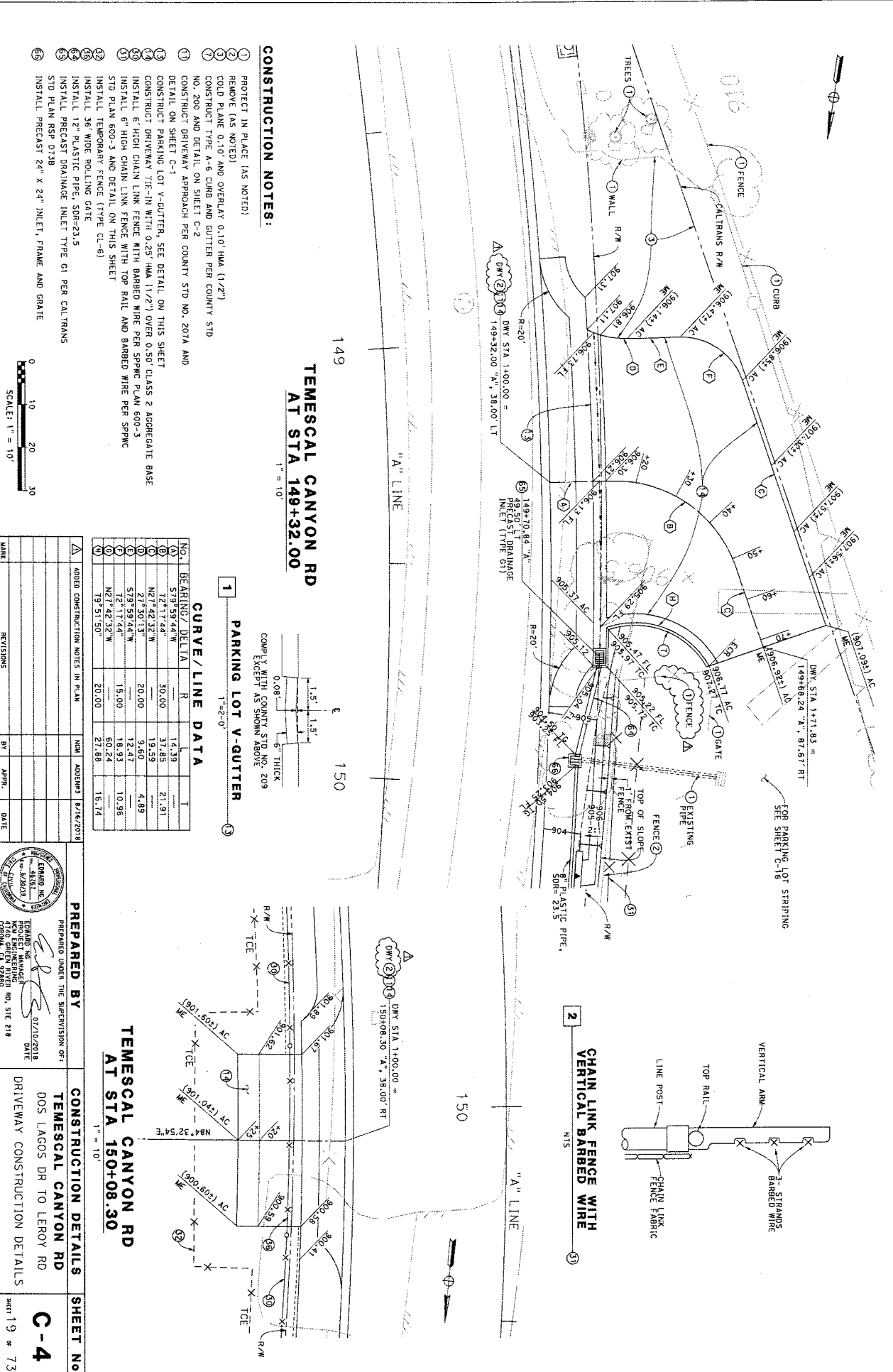
- TIESA— TEMP HIGH VIS FENCE (TESA)
- P— PERMANENT FENCE
- T— TEMPORARY FENCE (TYPE CL-6)
- T— THE
- 222222 STREET NUMBER ALONG TEMESCAL CANYON ROAD UNLESS OTHERWISE NOTED

NOTES:

1. FOR CENTERLINE ALIGNMENT DATA SEE SHEET PG-1
 2. REMOVE ALL TREES, BUSHES, SHRUBS, AND VEGETATION WITHIN LIMITS OF CLEARING UNLESS NOTED OTHERWISE.
 3. ALL TREES AND VEGETATION OUTSIDE LIMITS OF CLEARING TO REMAIN AND BE PROTECTED AT ALL TIMES.
 4. TEMPORARY IMPACTS TO TREES WITHIN ESA FENCE TO BE MITIGATED BY RECONSTRUCTION AND RESTORED AFTER CONSTRUCTION AS DESCRIBED IN THE SPECIFICATIONS.
 5. ALL HMA TO BE TYPE A
 6. HMA ASPHALT BINDER TO BE PERFORMANCE GRADE (PG) 64-10
- Prior to actual removal, the contractor shall mark trees in the field and obtain approval from the engineer.

CURB CURVE DATA

NO.	R	Δ	T	L
1	120.00'	4°46'29"	5.00'	10.00'
2	280.00'	4°47'15"	11.70'	23.40'



- 1 PROJECT IN PLACE (AS NOTED)
- 2 REMOVE (AS NOTED)
- 3 COLD PLANE 0.10' AND OVERLAY 0.10' HMA (1/2")
- 4 CONSTRUCT TYPE A-6 CURB AND GUTTER PER COUNTY STD
- 5 NO. 200 AND DETAIL ON SHEET C-2
- 6 CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207A AND DETAIL ON SHEET C-1
- 7 CONSTRUCT PARKING LOT V-GUTTER, SEE DETAIL ON THIS SHEET
- 8 CONSTRUCT DRIVEWAY TIE-IN WITH 0.25' HMA (1/2") OVER 0.50' CLASS 2 AGGREGATE BASE
- 9 INSTALL 6" HIGH CHAIN LINK FENCE WITH BARBED WIRE PER SPPWC PLAN 600-3
- 10 INSTALL 6" HIGH CHAIN LINK FENCE WITH TOP RAIL AND BARBED WIRE PER SPPWC STD PLAN 600-3 AND DETAIL ON THIS SHEET
- 11 INSTALL TEMPORARY FENCE (TYPE CL-6)
- 12 INSTALL 36" WIDE ROLLING GATE
- 13 INSTALL 12" PLASTIC PIPE, SDR-23.5
- 14 STD PLAN RSP D718
- 15 INSTALL PRECAST DRAINAGE INLET TYPE G1 PER CALTRANS
- 16 INSTALL PRECAST 24" X 24" INLET, FRAME AND GATE

**TEMESCAL CANYON RD
AT STA 149+32.00**

1 PARKING LOT V-GUTTER

1" = 10'

COMP. Y WITH COUNTY STD NO. 209 EXCEPT AS SHOWN ABOVE

NO.	BEARING/ DELTA	R	CHORD	AREA
1	S79°59'44"W	30.00	17.39	21.91
2	N27°42'32"W	19.60	19.60	4.89
3	S79°59'44"W	20.00	9.60	12.47
4	N27°42'32"W	15.00	18.93	10.96
5	N27°42'32"W	60.24	60.24	27.88
6	N27°42'32"W	20.00	27.88	15.74

ADDED CONSTRUCTION NOTES IN PLAN

MARK	REVISIONS	BY	APPR.	DATE

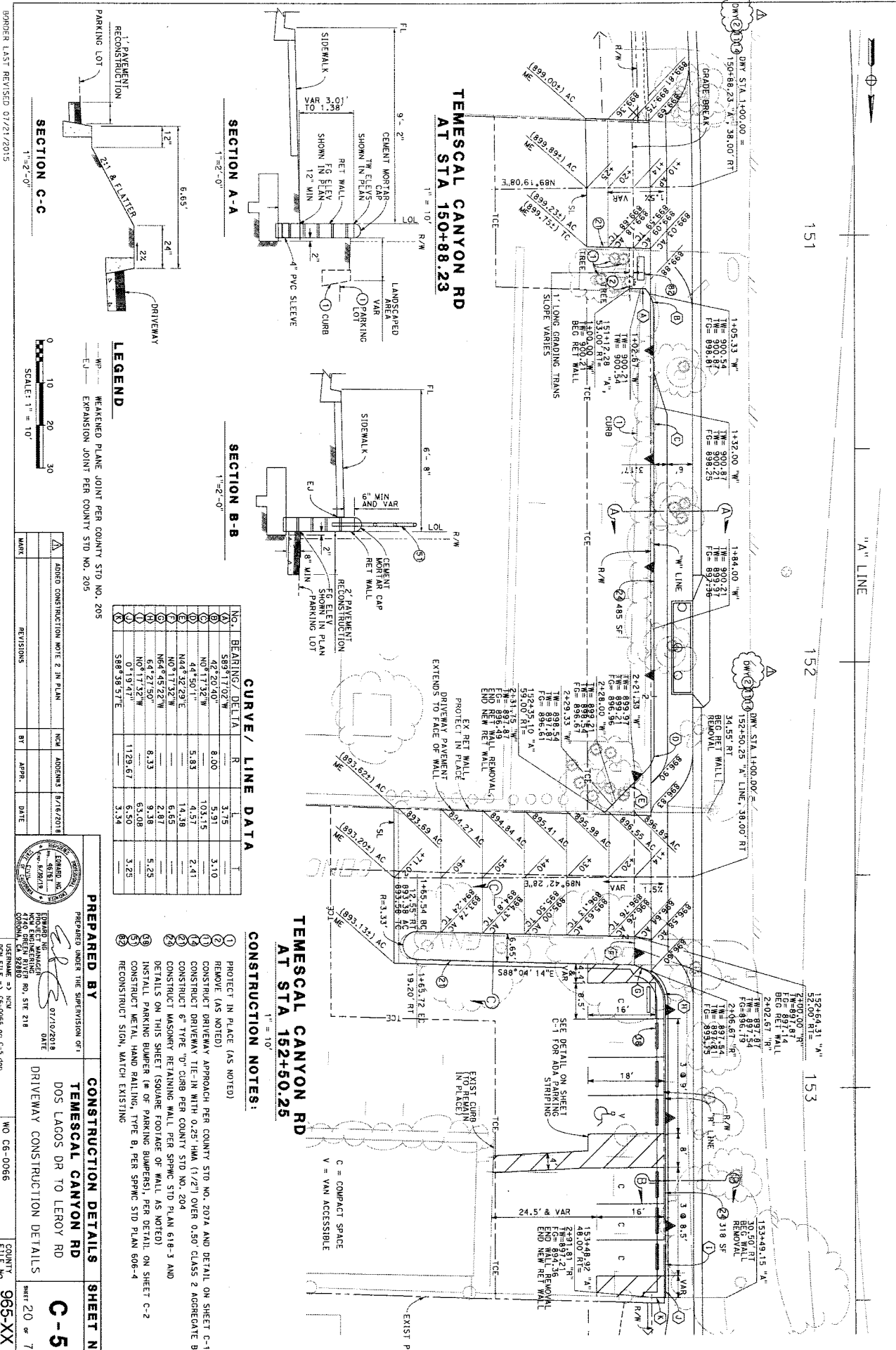
PREPARED BY [Signature]

CONSTRUCTION DETAILS

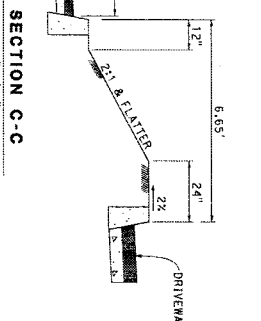
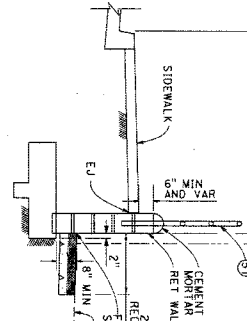
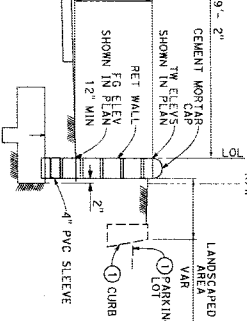
TEMESCAL CANYON RD
DOS LAGOS DR TO LEROY RD
DRIVEWAY CONSTRUCTION DETAILS

SHEET NO. C-4
SHEET 19 OF 73

DATE PLOTTED 8/16/2018
TIME PLOTTED 12:03:56 PM



**TEMESCAL CANYON RD
AT STA 150+88.23**



CURVE / LINE DATA

NO.	BEARING / DELTA	R	L
1	S89°11'02"W	8.00	3.75
2	N0°17'32"W	103.15	3.10
3	N44°50'11"W	5.83	10.31
4	N44°32'29"E	4.57	4.57
5	N0°17'32"W	6.65	2.87
6	N64°48'22"W	8.33	2.87
7	N4°27'50"W	9.38	5.25
8	N0°17'32"W	63.08	3.25
9	N0°19'47"W	1129.67	3.34
10	S88°58'57"E		

CONSTRUCTION NOTES:

1. PROTECT IN PLACE (AS NOTED)
2. REMOVE (AS NOTED)
3. CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207A AND DETAIL ON SHEET C-1
4. CONSTRUCT DRIVEWAY TIE-IN WITH 0.25' HMA (1 1/2" OVER 0.50' CLASS 2 AGGREGATE BASE)
5. CONSTRUCT 6" TYPE "D" CURB PER COUNTY STD NO. 204
6. CONSTRUCT MASONRY RETAINING WALL PER SPNC STD PLAN 618-3 AND DETAILS ON THIS SHEET (SQUARE FOOTAGE OF WALL AS NOTED)
7. INSTALL PARKING BUMPER (A OR B) PER SPNC STD PLAN 606-4
8. CONSTRUCT METAL HAND RAILING, TYPE B, PER SPNC STD PLAN 606-4
9. CONSTRUCT STON MATCH EXISTING

LEGEND

- WP — WEAKENED PLANE JOINT PER COUNTY STD NO. 205
- EJ — EXPANSION JOINT PER COUNTY STD NO. 205

SCALE: 1" = 10'

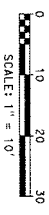
NO.	REVISIONS	BY	DATE
1	ADDED CONSTRUCTION NOTE 2 IN PLAN	ADDENDUM	8/16/2018

PREPARED BY
 PREPARED UNDER THE SUPERVISION OF
EDWARD M. SCHWARTZ
 LICENSED PROFESSIONAL ENGINEER
 NO. 46781
 STATE OF CALIFORNIA
 4700 SHEFFER AVENUE, SUITE 218
 CONCORD, CA 94520
 DATE: 07/10/2018

CONSTRUCTION DETAILS SHEET NO. C-5
 TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 DRIVEWAY CONSTRUCTION DETAILS
 SHEET 20 OF 73

DATE PLOTTED: 8/16/2018
 TIME PLOTTED: 12:03:59 PM

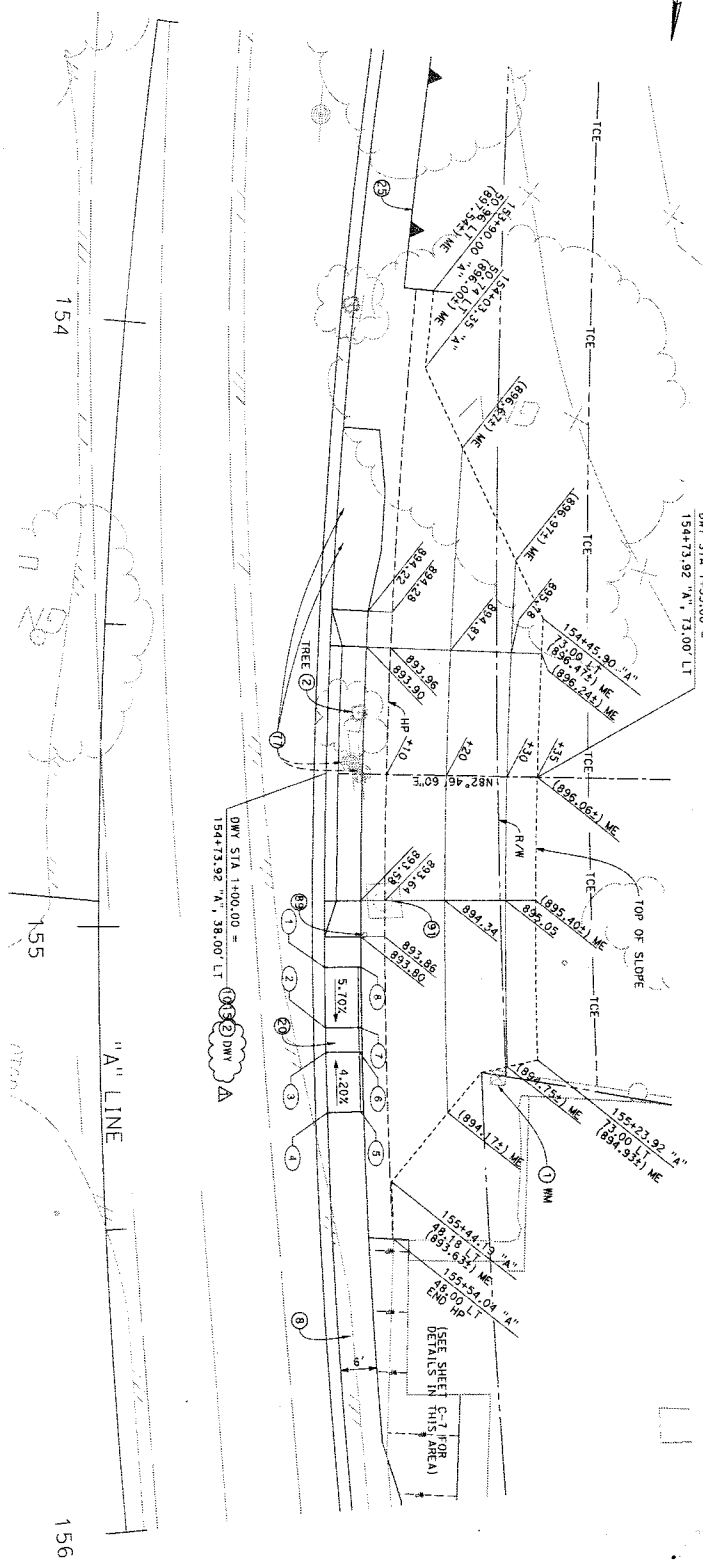
BORDER LAST REVISED 07/21/2015



CURB RETURN ELEVATIONS				
1	TC	893.67	TC	893.57
2	FL	893.17	FS	893.57
3	TC	893.10	FS	894.16
4	FL	892.86	FS	893.95
5	TC	893.67	FS	894.16
6	FL	893.48	FS	893.98
7	TC	892.86	FS	893.75
8	FL	892.86	FS	893.75

**TEMESCAL CANYON RD
AT STA. 154+73.92**

1" = 10'



NO.	DESCRIPTION	DATE
1	ADDED CONSTRUCTION NOTE 2 IN PLAN	9/18/2018
2	CORRECTED DRIVEWAY CENTERLINE STATION	9/18/2018

PREPARED BY

EMERSON PROJECT MANAGER
4710 SHEEN AVENUE, SIE 218
CORONA, VA 22820

DATE: 07/10/2018

CONSTRUCTION DETAILS

TEMESCAL CANYON RD
DOS LAGOS DR TO LEROY RD

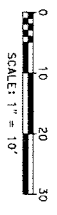
DRIVEWAY CONSTRUCTION DETAILS

SHEET 21 OF 73

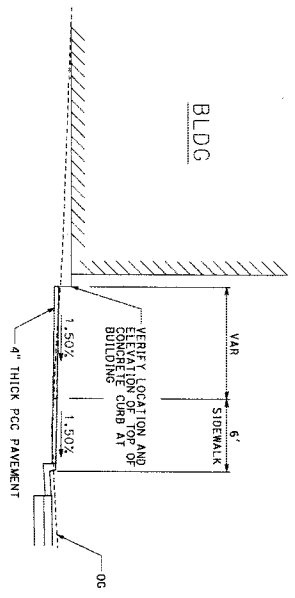
C-6

- CONSTRUCTION NOTES:**
- 1 REMOVE (AS NOTED)
 - 2 CONSTRUCT 4" THICK SIDEWALK PER COUNTY STD NO. 401
 - 3 CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207
 - 4 AND DETAIL ON SHEET C-1
 - 5 CONSTRUCT DRIVEWAY TIE-IN WITH 0.75" CLASS 2 AGGREGATE BASE
 - 6 CONSTRUCT CURB RAMP, CASE C, PER CALTRANS STD PLAN RSP A88A
 - 7 CONSTRUCT REINFORCED CONCRETE RETAINING WALL AND ASSOCIATED IMPROVEMENTS PER DETAILS ON SHEET R-1
 - 8 POWER POLE TO BE RELOCATED, SEE U SHEETS
 - 9 ADJUST WATER VALVE COVER TO GRADE
 - 10 ADJUST STORM DRAIN MANHOLE TO GRADE

BORDER LAST REVISED 07/21/2015



SECTION A-A
1"=5'-0"



NO.	REVISIONS	BY	APPR.	DATE
1	ADD'D CONSTRUCTION NOTE 2			
2	CORRECTED DRIVEWAY CENTERLINE STATION			

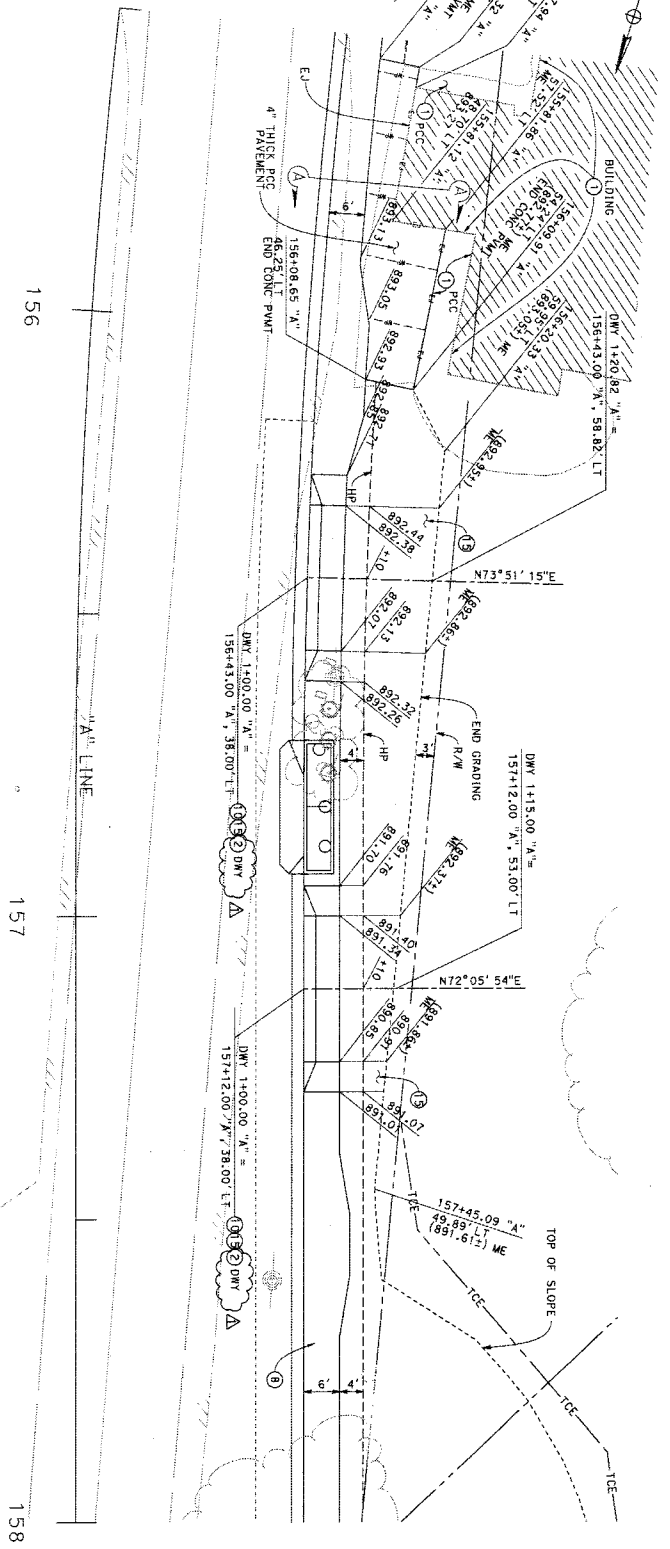
PREPARED BY
PREPARED UNDER THE SUPERVISION OF:
EDWARD M. DOS LAGOS
PROJECT MANAGER
1710 GREEN RIVER RD, STE 218
CORONA, CA 92620
DATE: 07/10/2018

CONSTRUCTION DETAILS
TEMESCAL CANYON RD
DOS LAGOS DR TO LEROY RD
DRIVEWAY CONSTRUCTION DETAILS
SHEET 22 OF 73

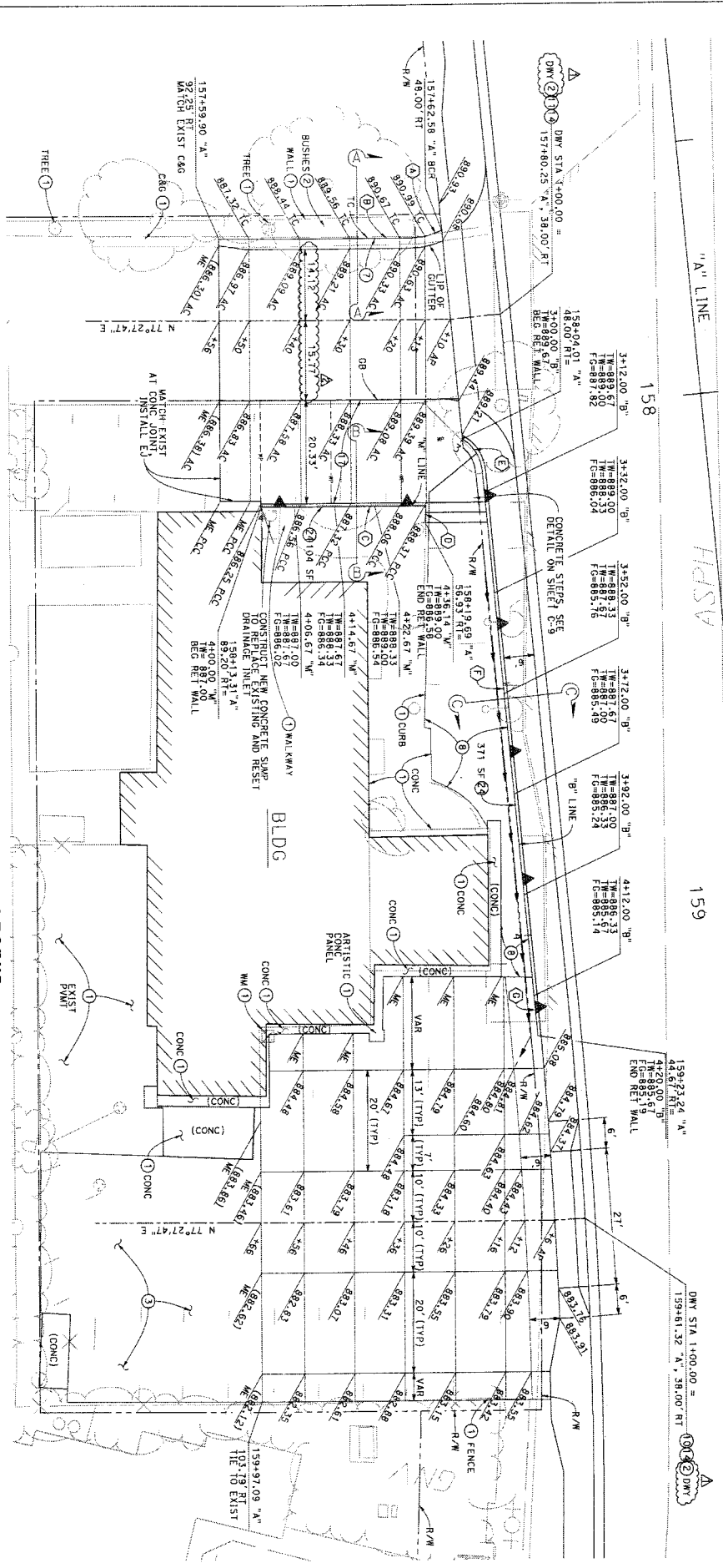
DATE PLOTTED => 8/16/2018
TIME PLOTTED => 12:04:01 PM

**TEMESCAL CANYON RD
AT STA 156+43.00
& STA 157+12.00**
1" = 10'

- LEGEND:**
--- W/EMEND PLANE JOINT PER COUNTY STD NO. 205
--- EXPANSION JOINT PER COUNTY STD NO. 205
- CONSTRUCTION NOTES:**
- PROJECT IN PLACE (AS NOTED)
 - REMOVE (AS NOTED)
 - CONSTRUCT 4" THICK SIDEWALK PER COUNTY STD NO. 401
 - CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207 AND DETAIL ON SHEET C-1
 - CONSTRUCT DRIVEWAY TIE-IN WITH 0.75' CLASS 2 AGGREGATE BASE



TEMESCAL CANYON ROAD



CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE (AS NOTED)
- 2 REMOVE (AS NOTED)
- 3 COLD PLANE 0.10" AND OVERLAY 0.10" HMA (1/2")
- 4 CONSTRUCT TYPE A-6 CURB AND GUTTER PER COUNTY STD NO. 209 AND DETAIL ON SHEET C-2
- 5 CONSTRUCT 4" THICK SIDEWALK PER COUNTY STD NO. 401, EXCEPT FOR WEAKENED PLANE JOINTS AS SHOWN ON SHEET C-9
- 6 CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207 AND DETAIL ON SHEET C-1
- 7 CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207A AND DETAIL ON SHEET C-1
- 8 CONSTRUCT DRIVEWAY TIE-IN WITH 0.25" HMA (1/2") OVER 0.50" CLASS 2 AGGREGATE BASE

- 9 CONSTRUCT 6" RCC DRIVEWAY TIE-IN
- 10 CONSTRUCT MASONRY RETAINING WALL PER SPRNG STD PLAN 618-3 AND DETAILS ON SHEET C-9 (SQUARE FOOTAGE OF WALL AS NOTED)
- 11 CONSTRUCT NEW CONCRETE SWAMP TO REPLACE EXISTING AND RESET DRAINAGE INLET
- 12 CONSTRUCT 10" WALL
- 13 CONSTRUCT 10" CURB
- 14 CONCRETE STEPS, SEE DETAIL ON SHEET C-9
- 15 CONCRETE
- 16 CONCRETE
- 17 CONCRETE
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- 98 CONCRETE
- 99 CONCRETE
- 100 CONCRETE

LEGEND:

- WEAKENED PLANE JOINT PER COUNTY STD NO. 205 (MAX WP SPACING = 14' FOR 6" THICK PCC)
- EXPANSION JOINT PER COUNTY STD NO. 205

TEMESCAL CANYON RD
AT STA 157+80.25
AND AT STA 159+61.32

SEE SHEET C-9 FOR SECTIONS A-A, B-B, C-C

SCALE: 1" = 10'

NO.	REVISION	DATE
1	ADDED CONSTRUCTION NOTE 2 IN PLAN	8/16/2018
2	UPDATED DIMENSIONS	8/16/2018
3	REVISIONS	

PREPARED BY: [Signature]

PROJECT MANAGER: [Signature]

DATE: 8/16/2018

PROJECT: TEMESCAL CANYON RD

LOCATION: DOS LAGOS DR TO LEROY RD

CITY: ROCKEFELLAS BAR DETAILS

CONSTRUCTION DETAILS SHEET NO. C-8

TEMESCAL CANYON RD

DOS LAGOS DR TO LEROY RD

ROCKEFELLAS BAR DETAILS

NO. 23 OF 73

CURVE/ LINE DATA

NO.	BEARING/ DELTA	R	L
1	28.45.2	13.71	6.40
2	N77.21.47E		38.13
3	S17.21.47W		32.80
4	N57.77.48W	8.33	7.73
5	N177.57.05W	1055.33	105.34
6	0+22.35'	1055.33	6.93

TEMESCAL CANYON RD

158

ASPH

"A" LINE

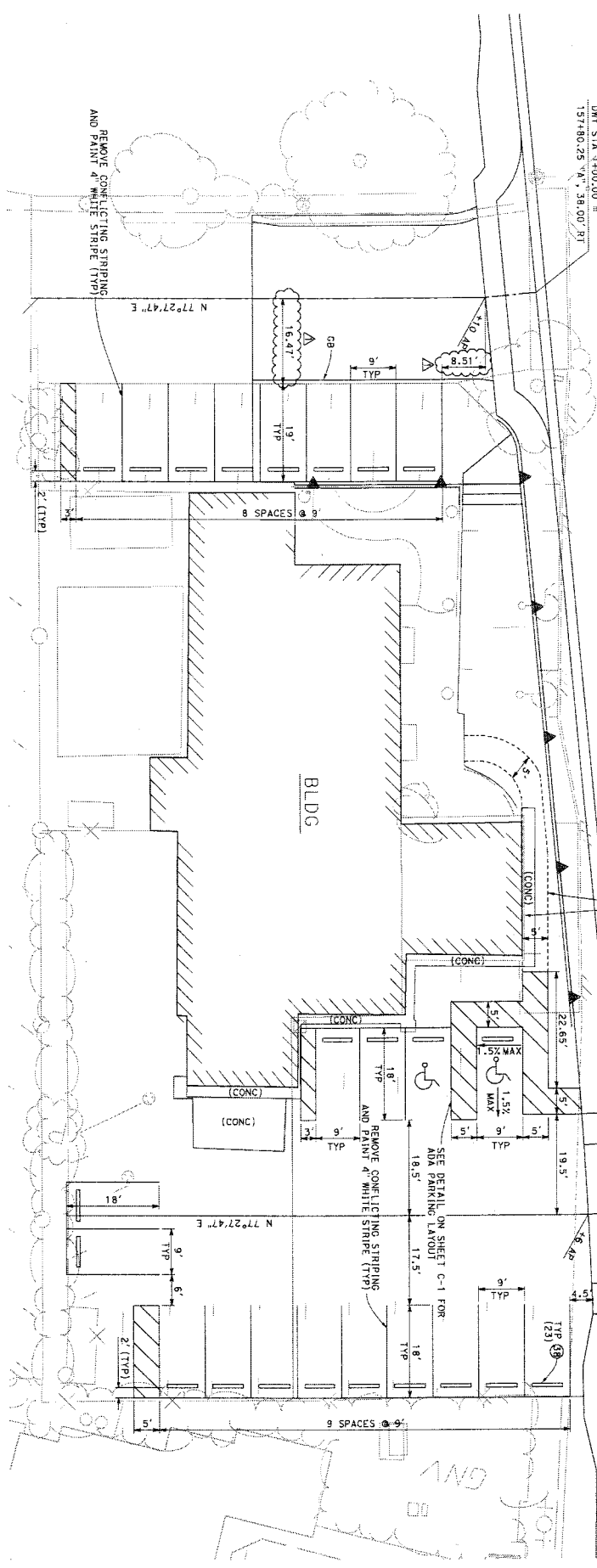
159

160

ACCESSIBLE PATH OF TRAVEL
1.5% MAX CROSS SLOPE
5% MAX LONGITUDINAL SLOPE

DWY STA 1+00.00 =
159+61.32 "A", 38.00' RT

DWY STA 1+00.00 =
157+80.25 "A", 38.00' RT



ROCKEFELLAS BAR SITE IMPROVEMENTS

1" = 10'

CONSTRUCTION NOTES:
 19 INSTALL PARKING BUMPERS (NUMBER OF PARKING BUMPERS),
 PER DETAIL ON SHEET C-2



UPDATED DIMENSIONS		NO.	ADDENDUM	DATE

REVISIONS		BY	APPR.	DATE

PREPARED BY
 PREPARED UNDER THE SUPERVISION OF:
 EDWARD MC
 PROJECT MANAGER
 4740 ORLEN AVENUE, SUITE 218
 COMPTON, CA 90291-2188
 DATE: 07/10/2018

CONSTRUCTION DETAILS
 TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 ROCKEFELLAS BAR
 STRIPING DETAILS

SHEET NO.
 C-10
 SHEET 25 OF 73

BORDER LAST REVISED 07/21/2015

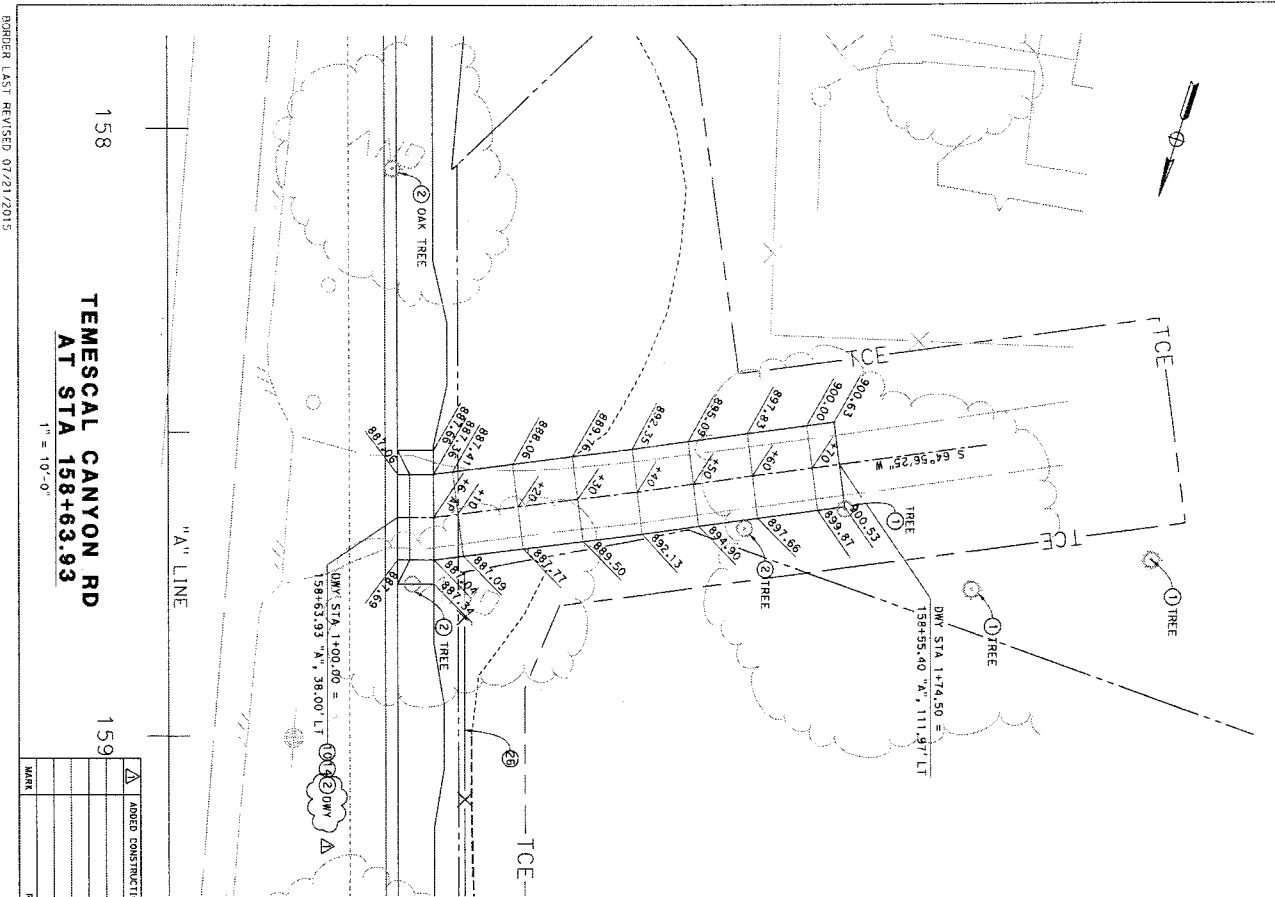
SDM FILE >> C:\0666.gpr C:\0666

WO C6-0066

COUNTY FILE NO. 965-XX

DATE PLOTTED => 8/18/2018
 TIME PLOTTED => 12:04:03 PM

ISSUED BY ADDENDUM No. 3, ATTACHMENT "G"



MARK	REVISIONS	BY	APPR.	DATE

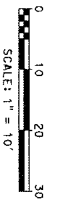
158
TEMESCAL CANYON RD
AT STA 158+63.93
 1" = 10'-0"

159
 ADD'D CONSTRUCTION NOTE 2 IN PLAN
 NCM | ADDRESS | 8/16/2018
 PREPARED UNDER THE SUPERVISION OF
PREPARED BY
 PROJECT MANAGER
 DATE 07/10/2018
 7140 GREEN RIVER RD, STE 218
 COSTA MESA, CA 92626
 OSORNIO 53 NCM
 5041 FILE 53 15-0066 RD C-11.dwg
 WO CG-0066
 COUNTY FILE No. 965-XX

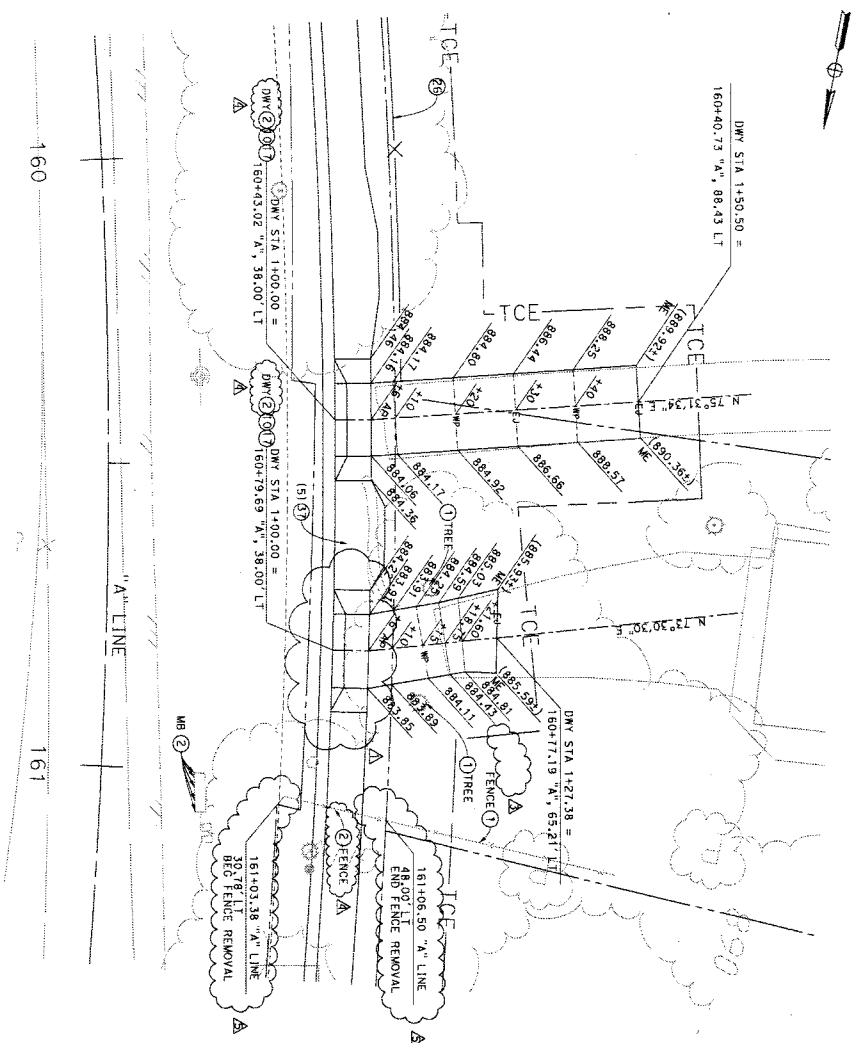
CONSTRUCTION NOTES:
 1. PROTECT IN PLACE (AS NOTED)
 2. REMOVE (AS NOTED)
 3. CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207
 4. AND DETAIL ON SHEET C-1
 5. CONSTRUCT DRIVEWAY TIE-IN WITH 0.25' HMA (1/2") OVER 0.50' CLASS 2 AGGREGATE BASE
 6. INSTALL 5' HIGH CHAIN LINK FENCE PER SPENC STD PLAN 600-3

CONSTRUCTION DETAILS
SHEET NO. C-11
 SHEET 26 OF 73

BORDER LAST REVISED 07/21/2015



**TEMESCAL CANYON RD
AT STA 160+43.02 &
STA 160+79.69**
1" = 10'-0"



LEGEND:

- W--- WEAKEND PLANE JOINT PER COUNTY STD NO. 205
- EF--- EXPANSION JOINT PER COUNTY STD NO. 205

CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE (AS NOTED)
- 2 REMOVE (AS NOTED)
- 3 CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207 AND DETAIL ON SHEET C-1
- 4 CONSTRUCT 6" PCC DRIVEWAY TIE-IN
- 5 INSTALL 5" HIGH CHAIN LINK FENCE PER SPRING STD PLAN 600-3
- 6 INSTALL MAILBOX (# OF MAILBOXES)

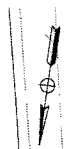
MARK	REVISIONS	BY	APPR.	DATE
△	REVISED DRIVEWAY APPROACH WIDTH	NCH	ADDENDUM	6/16/2018
△	REVISED DRIVEWAY STATION	NCH	ADDENDUM	6/16/2018
△	DELETED CONSTRUCTION NOTE	NCH	ADDENDUM	6/16/2018
△	ADDED CONSTRUCTION NOTE 2 IN PLAN	NCH	ADDENDUM	6/16/2018
△	ADDED A FENCE REMOVAL NOTE	NCH	ADDENDUM	6/16/2018

PREPARED BY

PROJECT MANAGER
DATE

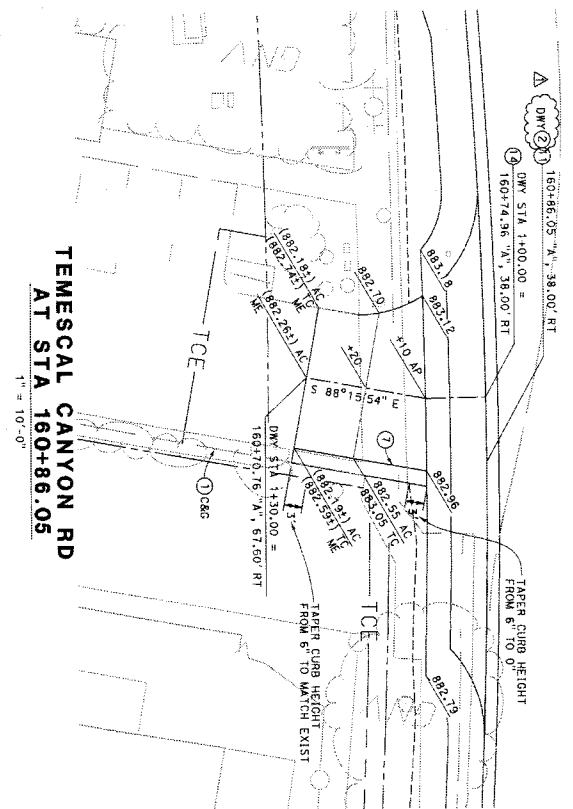
CONSTRUCTION DETAILS	SHEET NO.
TEMESCAL CANYON RD DOS LAGOS DR TO LEROY RD DRIVEWAY CONSTRUCTION DETAILS	C-12

WO CB-0066 COUNTY FILE NO. 965-XX SHEET 27 OF 73



"A" LINE

161



**TEMESCAL CANYON RD
AT STA 160+86.05**

1" = 10'-0"

LEGEND:

- WP --- WEAKENED PLANE JOINT PER COUNTY STD NO. 205
- EJ --- EXPANSION JOINT PER COUNTY STD NO. 205

CONSTRUCTION NOTES:

- 1 PROTECT IN PLACE (AS NOTED)
- 2 REMOVE (AS NOTED)
- 3 CONSTRUCT TYPE A-6 CURB AND GUTTER PER COUNTY STD NO. 200 AND DETAIL ON SHEET C-2
- 4 CONSTRUCT 4" THICK SIDEWALK WITH RETAINING CURB, PER COUNTY STD NO. 401 AND DETAIL ON SHEET C-1
- 5 CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207 AND DETAIL ON SHEET C-1
- 6 CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207A AND DETAIL ON SHEET C-1
- 7 CONSTRUCT DRIVEWAY TIE-IN WITH 0.25' HMA (1/2") OVER 0.50' CLASS 2 AGGREGATE BASE
- 8 CONSTRUCT 6" PCC DRIVEWAY TIE-IN
- 9 INSTALL 5' HIGH CHAIN LINK FENCE PER SPMMC STD PLAN 600-3 HIGH TEMPORARY FENCE (TYPE CL-6)

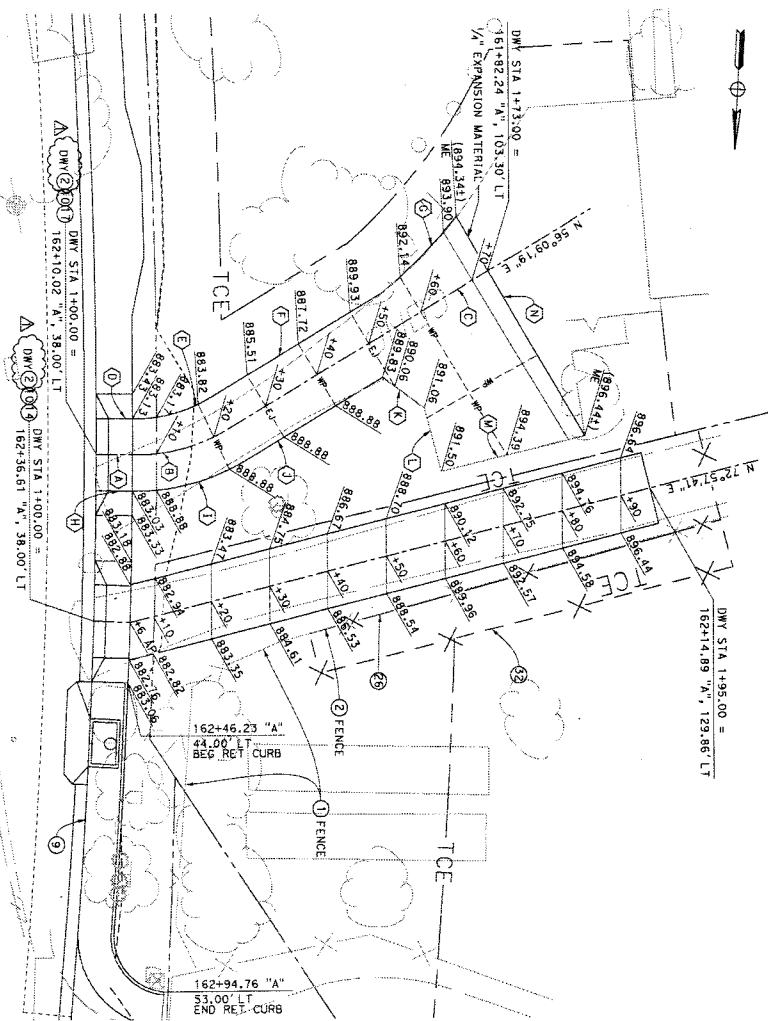
CURVE/LINE DATA

NO.	BEARINGS/DELTA	R	L
1	S87°24'46"N	30.00'	6.87'
2	S56°51'10"W	15.93'	8.16'
3	S87°24'46"W	6.00'	50.20'
4	S32°03'58"E	24.00'	6.00'
5	S56°09'19"W	13.44'	5.90'
6	09°21'57"	3.375'	11.15'
7	S87°24'46"W	105.00'	6.00'
8	S31°58'46"E	35.00'	10.32'
9	S56°09'19"W	26.24'	8.58'
10	S17°57'13"W	10.83'	24.41'
11	S17°21'57"W	24.41'	41.98'
12	S33°11'41"E	41.98'	



"A" LINE

162



**TEMESCAL CANYON RD
AT STA 162+10.02
& STA 162+36.61**

1" = 10'-0"

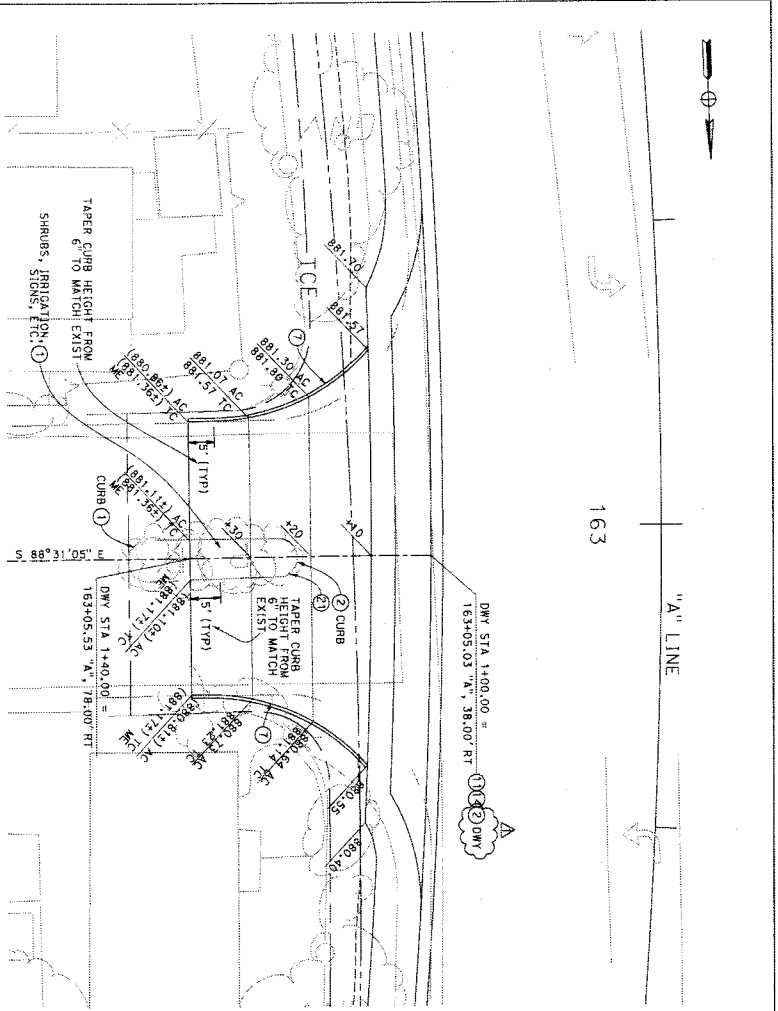
CONSTRUCTION DETAILS

- 1 PROTECT IN PLACE (AS NOTED)
- 2 REMOVE (AS NOTED)
- 3 CONSTRUCT TYPE A-6 CURB AND GUTTER PER COUNTY STD NO. 200 AND DETAIL ON SHEET C-2
- 4 CONSTRUCT 4" THICK SIDEWALK WITH RETAINING CURB, PER COUNTY STD NO. 401 AND DETAIL ON SHEET C-1
- 5 CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207 AND DETAIL ON SHEET C-1
- 6 CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207A AND DETAIL ON SHEET C-1
- 7 CONSTRUCT DRIVEWAY TIE-IN WITH 0.25' HMA (1/2") OVER 0.50' CLASS 2 AGGREGATE BASE
- 8 CONSTRUCT 6" PCC DRIVEWAY TIE-IN
- 9 INSTALL 5' HIGH CHAIN LINK FENCE PER SPMMC STD PLAN 600-3 HIGH TEMPORARY FENCE (TYPE CL-6)

**TEMESCAL CANYON RD
AT STA 162+10.02
& STA 162+36.61**

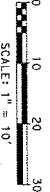
1" = 10'-0"

DATE	REVISIONS	BY	APPR.	DATE
<p>ADDED CONSTRUCTION NOTE 2 IN PLAN</p>				
<p>PREPARED BY</p> <p>FOR THE PROJECT MANAGER</p> <p>7/10/2018</p> <p>DATE</p>		<p>ADDENDUM 3</p> <p>8/16/2018</p> <p>DATE</p>		
<p>CONSTRUCTION DETAILS</p> <p>TEMESCAL CANYON RD</p> <p>DOS LAGOS DR TO LEROY RD</p> <p>DRIVEWAY CONSTRUCTION DETAILS</p>		<p>SHEET NO.</p> <p>C-13</p> <p>28 OF 73</p>		

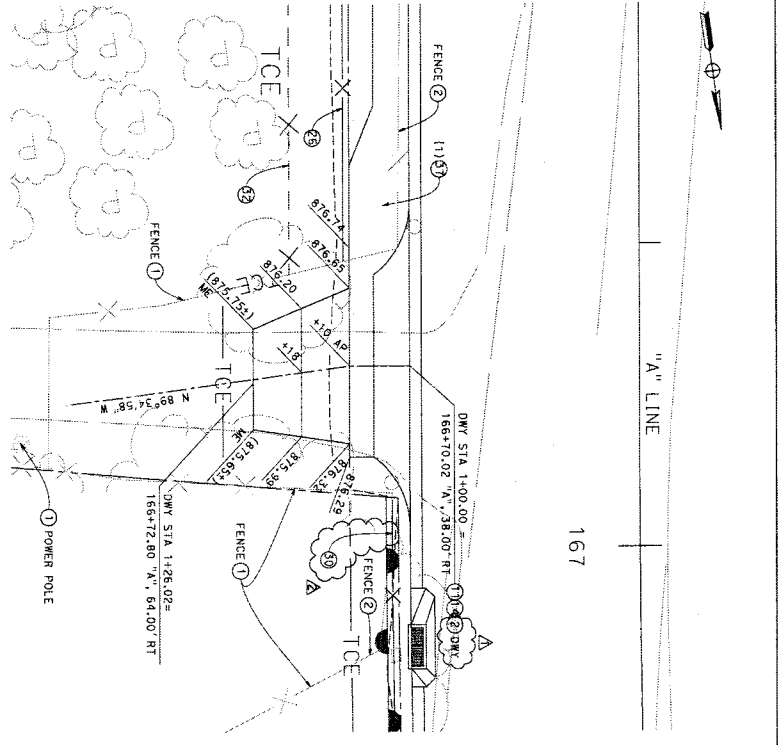


**TEMESCAL CANYON RD
AT STA 163+05.03**
1" = 10'-0"

- CONSTRUCTION NOTES:**
- ① PROJECT IN PLACE (AS NOTED)
 - ② REMOVE (AS NOTED)
 - ③ CONSTRUCT TYPE A-6 CURB AND GUTTER PER COUNTY STD NO. 200 AND DETAIL ON SHEET C-2
 - ④ CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207A AND DETAIL ON SHEET C-1
 - ⑤ CONSTRUCT DRIVEWAY TIE-IN WITH 0.25' HMA (1 1/2") OVER 0.50' CLASS 2 AGGREGATE BASE
 - ⑥ CONSTRUCT 6" TYPE "D" CURB PER COUNTY STD NO. 204
 - ⑦ INSTALL 5-HIGH CHAIN LINK FENCE PER SPK-3 TO R/LK AND 2-HIGH CHAIN LINK FENCE PER SPK-3 TO L/RK AND 2-HIGH CHAIN LINK FENCE WITH BARBED WIRE PER SPK-3
 - ⑧ STD PLAN 600-3
 - ⑨ INSTALL TEMPORARY FENCE (TYPE C1-B)
 - ⑩ INSTALL MAILBOX (# OF MAILBOXES)



BORDER LAST REVISED 07/21/2015



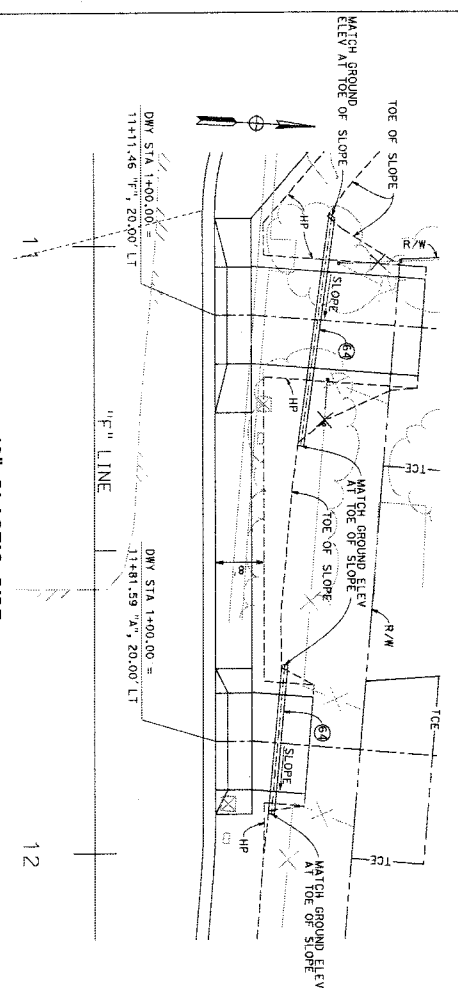
**TEMESCAL CANYON RD
AT STA 166+70.02**
1" = 10'-0"

MARK	REVISIONS	BY	APP.	DATE
△	ADDED CONSTRUCTION NOTE 2 IN PLAN	NCM		8/16/2018
△	CHANGED CONSTRUCTION NOTE	NCM		8/16/2018

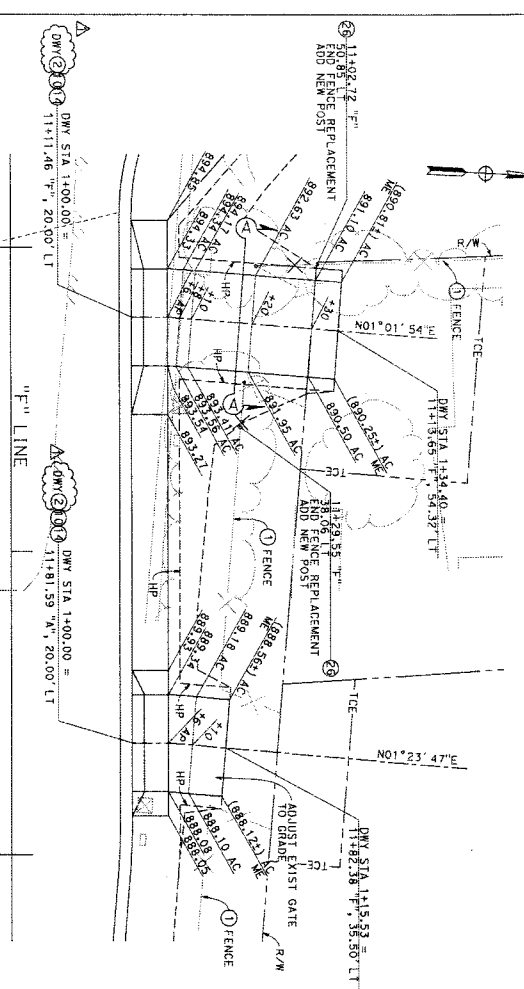
PREPARED BY
PREPARED UNDER THE SUPERVISION OF:

EDWARD J. WAGNER
PROJECT MANAGER
4140 CREEK RIVER RD, STE 218
CORONA, CA 92689
DATE: 07/10/2018

CONSTRUCTION DETAILS	SHEET NO.
TEMESCAL CANYON RD DOS LAGOS DR TO LEROY RD DRIVEWAY CONSTRUCTION DETAILS	C-14 SHEET 29 OF 73



**12" PLASTIC PIPE
INSTALLATION FOR DRIVEWAY**
1"=10'-0"



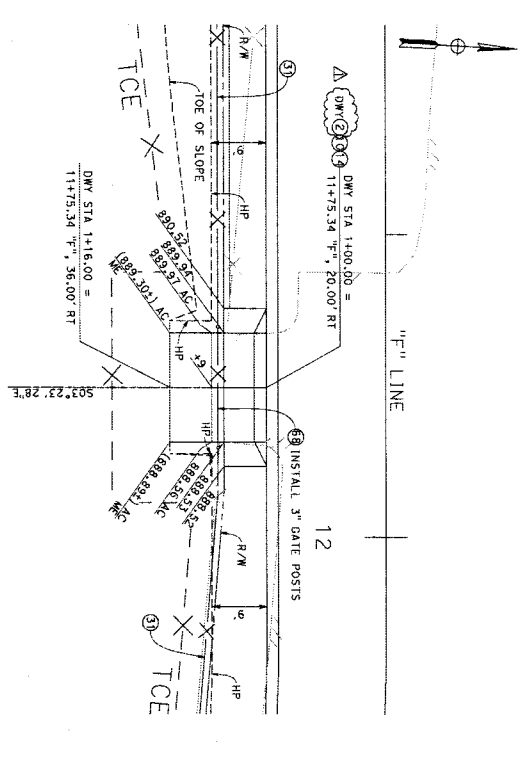
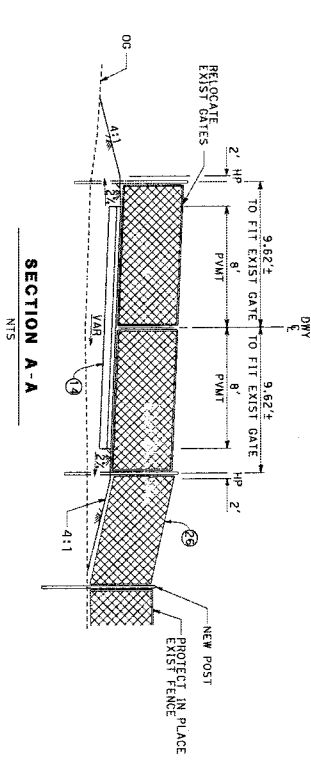
**FOSTER RD
AT STA 11+11.46
& STA 11+81.59**
1"=10'-0"



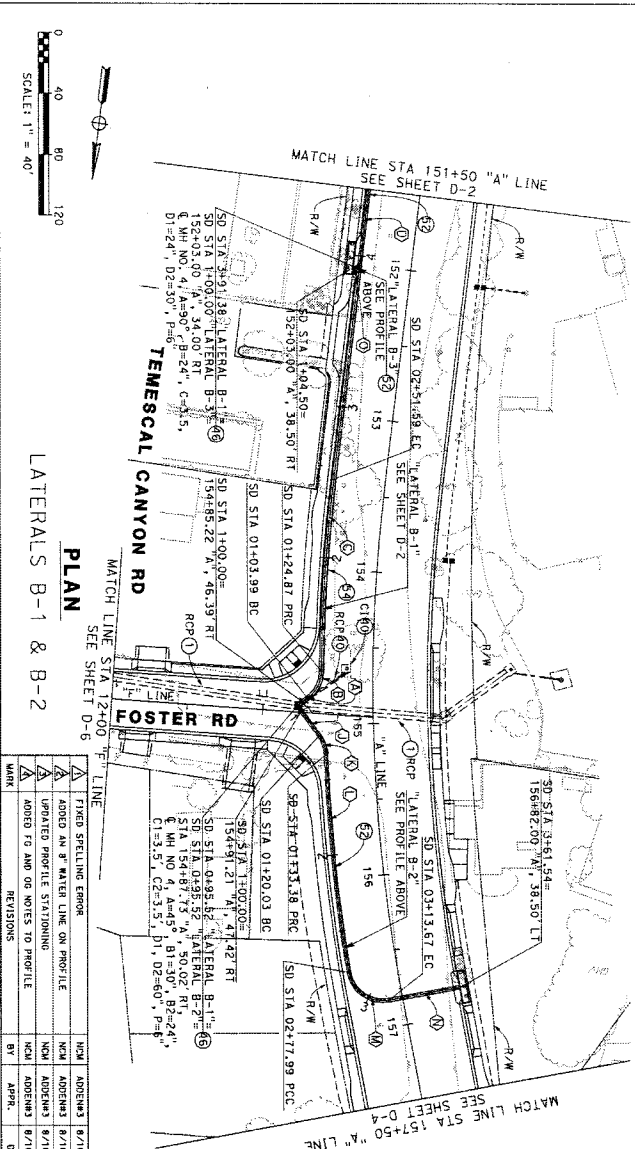
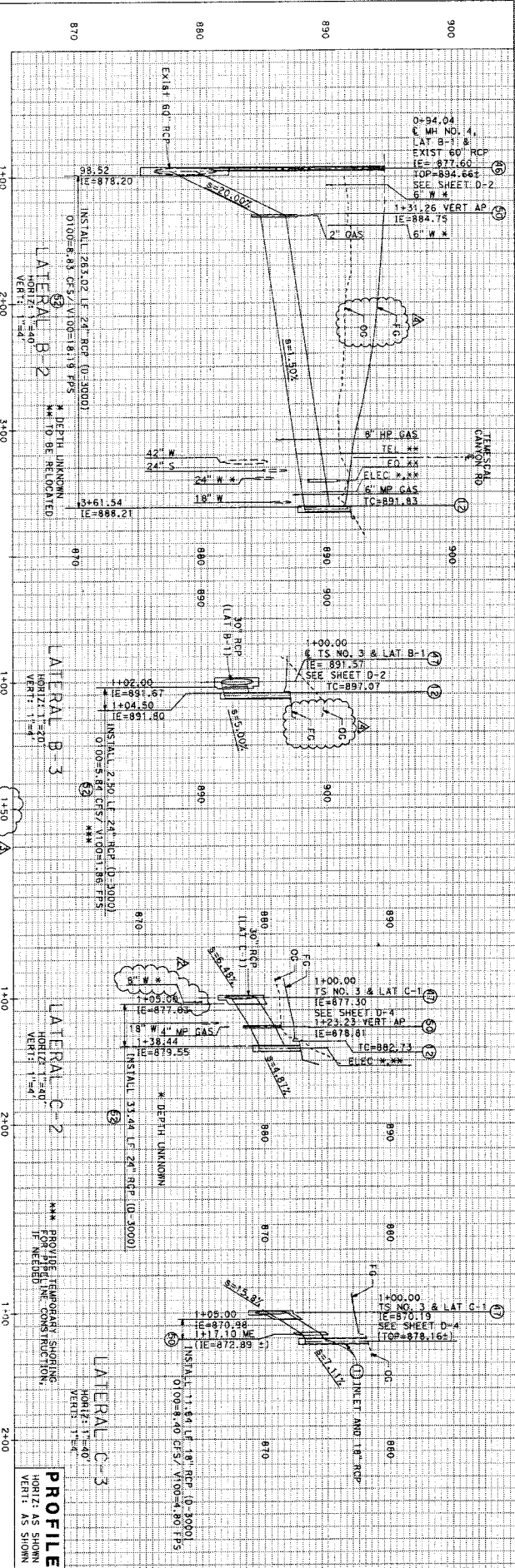
BORDER LAST REVISED 07/21/2015

CONSTRUCTION NOTES:

- 1. PROJECT IN PLACE (AS NOTED)
- 2. REMOVE (AS NOTED)
- 3. CONSTRUCT DRIVEWAY APPROACH PER COUNTY STD NO. 207 AND DETAIL ON SHEET C-1
- 4. CONSTRUCT DRIVEWAY 12-IN WITH 0.25' HMA (1/2") OVER 0.50' CLASS 2 AGGREGATE BASE
- 5. INSTALL 5' HIGH CHAIN LINK FENCE PER SPPMC STD PLAN 600-3
- 6. INSTALL 6" HIGH CHAIN LINK FENCE WITH TOP RAIL
- 7. AND BARBED WIRE PER SPPMC STD PLAN 600-3
- 8. INSTALL 12" PLASTIC PIPE, SDR= 23.5
- 9. RELOCATE 20'-6" WIDE ROLLING GATE



ADDED CONSTRUCTION NOTE 2	NCM	AUDENIS	8/16/2018
REVISIONS	BY	APPR.	DATE
PREPARED BY EDWARD J. WILSON PROJECT MANAGER 4140 CRYSTAL AVENUE, STE 218 CORONA, CA 92703 DATE: 07/10/2018			
CONSTRUCTION DETAILS		SHEET NO.	
TEMESCAL CANYON RD DOS LAGOS DR TO LEROY RD DRIVEWAY CONSTRUCTION DETAILS		C-15 SHEET 30 OF 73	
NO. CG-0066	COUNTY FILE NO.	985-XX	



CONSTRUCTION NOTES:

- PROTECT IN PLACE (AS NOTED)
- CONSTRUCT CURB INLET CATCH BASIN PER COUNTY STD NO. 300, WITH FULL TRASH CAPTURE DEVICE
- REMOVE DRAINAGE FACILITY (AS NOTED)
- CONSTRUCT MANHOLE NO. 4 PER RCP STD DWG NO. M4254
- CONSTRUCT TRANSITION STRUCTURE NO. 3 PER RCP STD DWG NO. T5303
- CONSTRUCT CONCRETE COLLAR PER DETAIL ON SHEET DD-1
- INSTALL 24" RCP (0-3000)
- INSTALL 30" RCP (0-3000)
- INSTALL 18" RCP (0-3000)

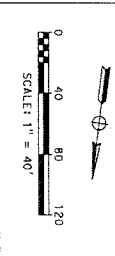
STORM DRAIN CURVE/LINE DATA

NO.	BEARING/DELTA	RADIUS	LENGTH	TANGENT
1	S46°23'47"N	8.46'	11.26'	11.26'
2	S3°10'37"W	22.50'	20.86'	11.26'
3	S66°29'18"E	1119.00'	126.12'	63.43'
4	S00°17'32"E	248.05'	248.05'	63.43'
5	SEE SHEET D-2 FOR DATA			
6	SEE SHEET D-2 FOR DATA			
7	SEE SHEET D-2 FOR DATA			
8	SEE SHEET D-2 FOR DATA			
9	SEE SHEET D-2 FOR DATA			
10	SEE SHEET D-2 FOR DATA			
11	SEE SHEET D-2 FOR DATA			
12	SEE SHEET D-2 FOR DATA			
13	SEE SHEET D-2 FOR DATA			
14	SEE SHEET D-2 FOR DATA			
15	SEE SHEET D-2 FOR DATA			
16	SEE SHEET D-2 FOR DATA			
17	SEE SHEET D-2 FOR DATA			
18	SEE SHEET D-2 FOR DATA			
19	SEE SHEET D-2 FOR DATA			
20	SEE SHEET D-2 FOR DATA			

NOTES:

- FOR LOCATIONS AND DIMENSIONS OF CURB INLET CATCH BASINS, SEE STREET IMPROVEMENT PLANS.
- SEE U-SHEETS FOR UTILITY PHOTOLOGING DATA.
- FOR STORM DRAIN INLET WATER QUALITY LABELS, SEE DETAIL ON SHEET DD-2.

SEE U-SHEETS FOR FULL UTILITY INFORMATION



PLAN
 LATERALS B-1 & B-2

REVISIONS

NO.	DATE	BY	APP.	DESCRIPTION
1	8/16/2018	NWA	ADRENSA	FIELD STREILING ERRORS
2	8/16/2018	NWA	ADRENSA	ADDED AN X WATER LINE ON PROFILE
3	8/16/2018	NWA	ADRENSA	UPDATED PROFILE STATIONING
4	8/16/2018	NWA	ADRENSA	ADDED TO AND ON NOTES TO PROFILE

PREPARED BY
 TEMESCAL CANYON RD
 DRAINAGE PLAN & PROFILE SHEET NO. D-3

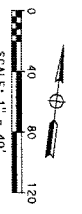
DRAINAGE PLAN & PROFILE SHEET NO.
 TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 "A" LINE STA 151+50 TO 157+50
 SHEET 34 OF 73

DATE PLOTTED => 8/16/2018
 TIME PLOTTED => 12:04:10 PM

ISSUED BY ADDENDUM No. 3, ATTACHMENT "G"

BORDER LAST REVISED 07/21/2015

- NOTES:**
1. FOR LOCATIONS AND DIMENSIONS OF CURB INLET CATCH BASINS, SEE SHEET IMPROVEMENT PLANS.
 2. SEE U-SHEETS FOR UTILITY POHOLING DATA.
 3. FOR STORM DRAIN INLET WATER QUALITY LABELS, SEE DETAIL ON SHEET DD-2.



MARK	REVISIONS	BY	DATE	APPR.
△	FIXED SPELLING ERROR			
△	ADDED AN "R" AFTER LINE ON PROFILE	NCH	8/16/2016	
△	ADDED OC AND FC NOTES TO PROFILE	NCH	8/16/2016	
△	UPDATED DISPOSITION OF GAS LINES	NCH	8/16/2016	

PREPARED BY

EMERALD PROJECT MANAGER
4150 GREEN RIVER RD, STE 218
CORONA, CA 92620

DATE: 07/10/2016

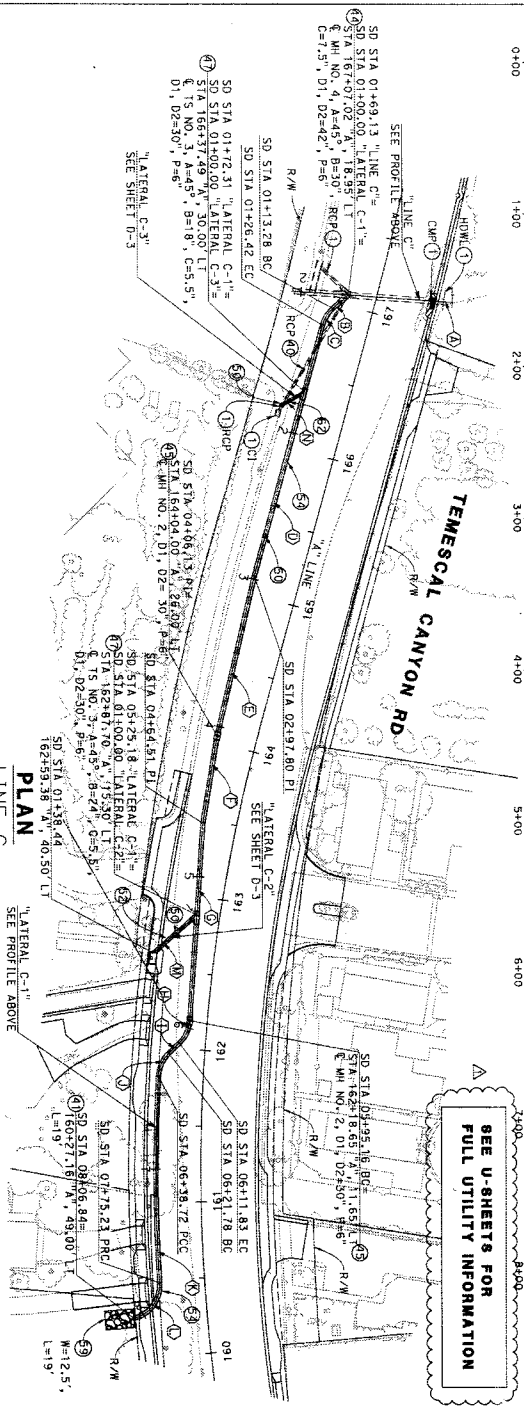
FILE NO. 965-XX

DRAINAGE PLAN & PROFILE SHEET NO. D-4

TEMESCAL CANYON RD
DOS LAGOS DR TO LEROY RD

"A" LINE STA 157+50 TO 164+50

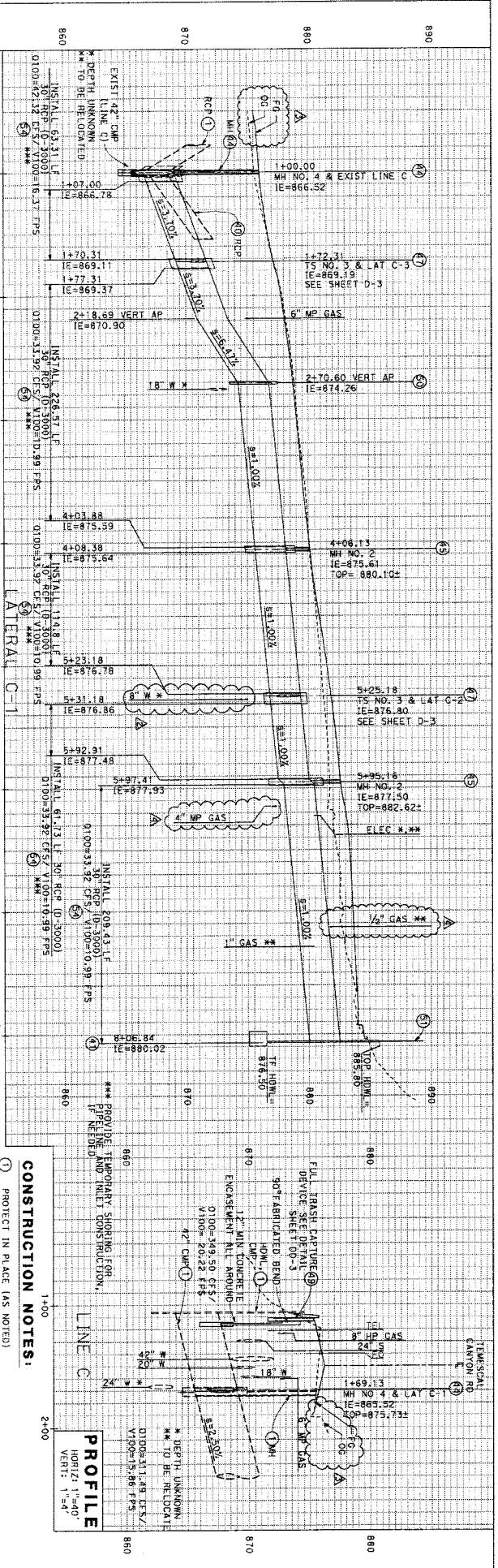
sheet 35 of 73



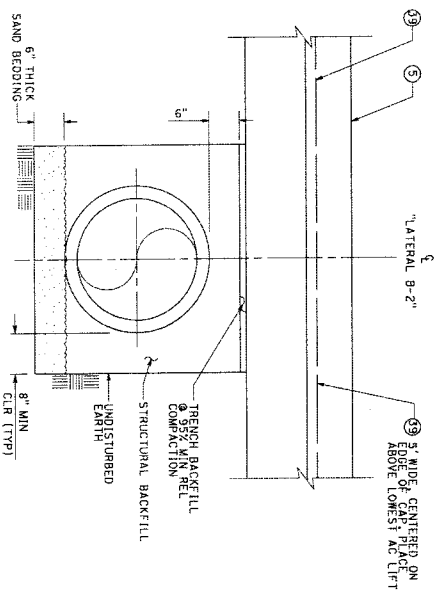
CURVE/LINE DATA

NO.	BEARING/DELTA	RADIUS	LENGTH	TANGENT
1	S86°31'49"W	110.19	13.29	6.16
2	S33°21'03"W	22.50	13.14	6.16
3	S08°04'05"W	108.19	10.81	6.16
4	S02°05'14"W	58.37	58.37	6.16
5	S01°19'57"E	130.63	130.63	6.16
6	42°27'27"	22.50	16.67	8.14
7	S39°02'31"W	9.92	16.97	8.91
8	43°12'33"	22.50	16.97	8.91
9	4°55'11"	1130.00	31.61	66.34
10	80°29'53"	22.50	31.61	19.05
11	S41°40'03"W	38.44	38.44	19.05
12	S53°04'47"W	16.71	16.71	19.05

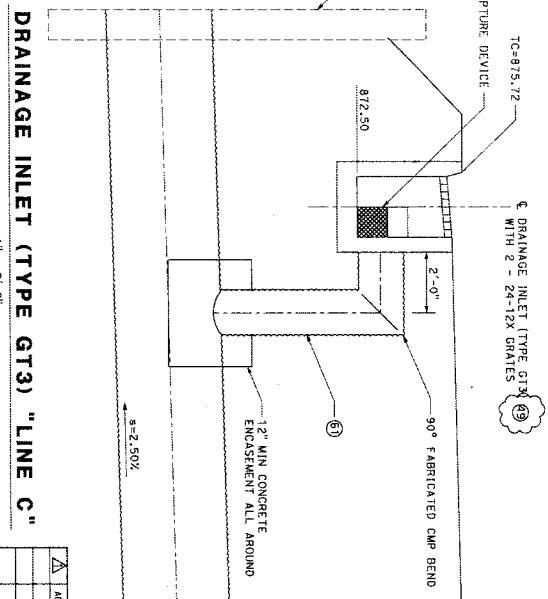
- CONSTRUCTION NOTES:**
1. PROJECT IN PLACE (AS NOTED)
 2. REMOVE DRAINAGE FACILITY (AS NOTED)
 3. CONSTRUCT 30" RCP (D-3000)
 4. CALTRANS STD PLAN RSP DB9
 5. MODIFY EXISTING MANHOLE NO. 4 PER RFOC STD DWG NO. MH294
 6. CONSTRUCT TRANSITION STRUCTURE NO. 2 PER RFOC STD DWG NO. MH252
 7. CONSTRUCT TRANSITION STRUCTURE NO. 3 PER RFOC STD DWG NO. TS303
 8. CONSTRUCT CIP DRAINAGE INLET (TYPE C13) WITH FULL TRASH CAPTURE DEVICE PER RFOC STD DWG NO. CB110
 9. CONSTRUCT CONCRETE COLLAR PER DETAIL ON SHEET DD-1
 10. CONSTRUCT METAL HAND RAILING, TYPE B, PER SPMCC PLAN 606-4
 11. INSTALL 30" RCP (D-3000)
 12. INSTALL ROCK SLOPE PROTECTION (1/4 TON AND NO. 2 LAYERS, METHOD B)
 13. INSTALL 18" RCP (D-3000)



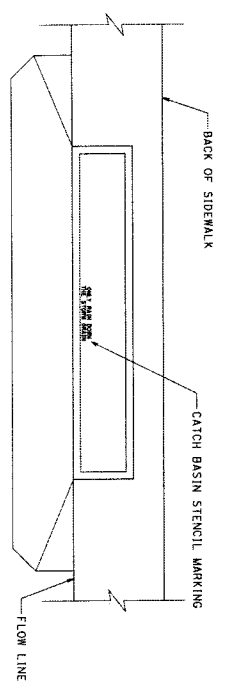
PROFILE
HORIZZ: 1"=40'
VERT: 1"=4'



TRENCH BEDDING - "LATERAL-B"
1" = 1'-0"

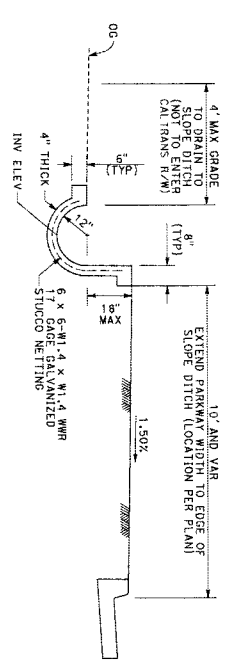


DRAINAGE INLET (TYPE GT3) "LINE C"
1" = 2'-0"



- NOTES:**
1. PAINT SHALL BE BLUE ON WHITE BACKGROUND ON TOP OF THE CATCH BASIN. PAINT SHALL BE WATERBORNE ACRYLIC.
 2. SURFACES SHALL BE CLEAN, DRY AND FREE FROM ALL CONTAMINANTS PRIOR TO PAINTING.
 3. STENCIL SHALL READ "ONLY RAIN DOWN THE STORM DRAIN" WITH 3" HIGH LETTERS.

WATER QUALITY LABELING DETAIL
1" = 4'-0"



SLOPE DITCH (CONCRETE DITCH LINING)
1" = 2'-0"

CONSTRUCTION NOTES:

1. GRIND EXISTING AC AND CONSTRUCT 0.17' HMA (1.4") OVER 0.50' HMA (1") OVER 0.83' CLASS 2 AGGREGATE BASE
2. PLACE PAVEMENT BEHIND CURB AND
3. CONSTRUCT CIP DRAINAGE INLET (TYPE GT3) WITH FULL TRASH CAPTURE DEVICE PER CALL TRANS. STD PLAN RSP. 0720
4. 18" BITUMINOUS COATED CORRUGATED STEEL PIPE RISER (0.138" THICK)

MARK	REVISIONS	BY	APPD.	DATE

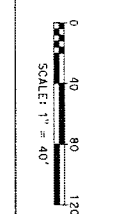
PREPARED BY EDWARD J. HANCOCK, P.E. (Professional Engineer Seal)

DRAINAGE DETAILS

SHEET NO. DD-2

DATE PLOTTED 8/16/2018

TIME PLOTTED 12:04:13 PM



MARK	DESCRIPTION	BY	DATE
△	PROPOSED LOCATION OF 18" CORONA WATER	ADDENDUM 3	07/16/2018
△	EXISTING UNDERGROUND ELECTRIC AND	ADDENDUM 3	07/16/2018
△	EXISTING UNDERGROUND TELEPHONE	ADDENDUM 3	07/16/2018
△	EXISTING UNDERGROUND FIBER OPTIC	ADDENDUM 3	07/16/2018
△	EXISTING UNDERGROUND GAS	ADDENDUM 3	07/16/2018
△	EXISTING UNDERGROUND 8" TYPED SEWER	ADDENDUM 3	07/16/2018
△	ADJUSTED LEADER LINE	ADDENDUM 3	07/16/2018
△	WORKED STREET LINE LOCATION	ADDENDUM 3	07/16/2018
△	ADJUSTED STREET LINE LOCATION	ADDENDUM 3	07/16/2018
△	ADJUSTED STREET REFERENCE FOR POINTE TABLE	ADDENDUM 3	07/16/2018
△	REVISIONS	ADDENDUM 3	07/16/2018

PREPARED BY

PROJECT MANAGER
 JOHN E. HERRING
 PROJECT NO. 51E 218
 CORONA, CA 92620

DATE: 07/16/2018

USERNAME: e3 ncm
 DGN FILE: e3-0066 kd U-1.dgn

UTILITY PLAN

TEMESCAL CANYON RD

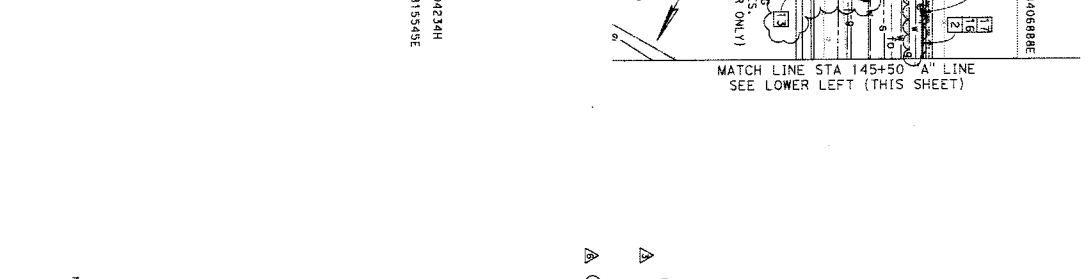
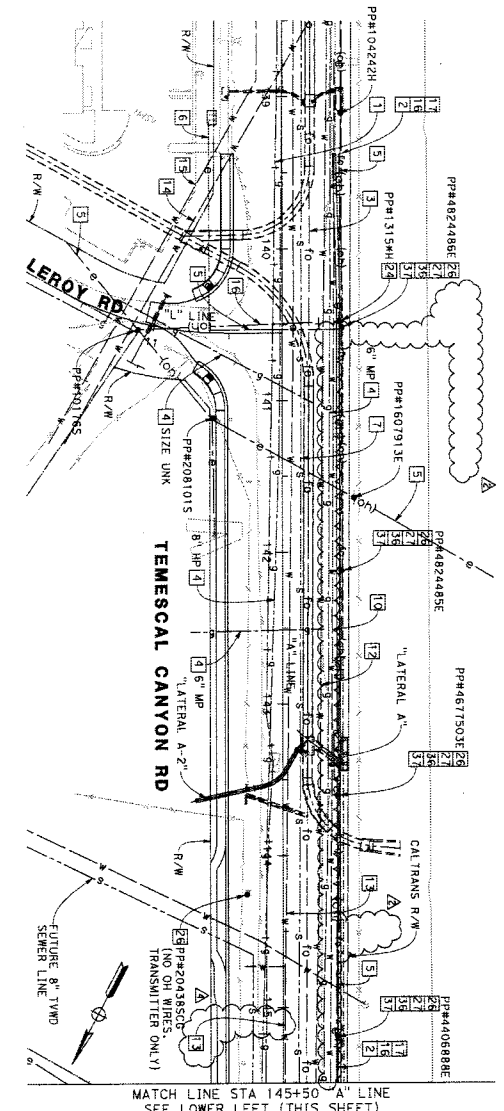
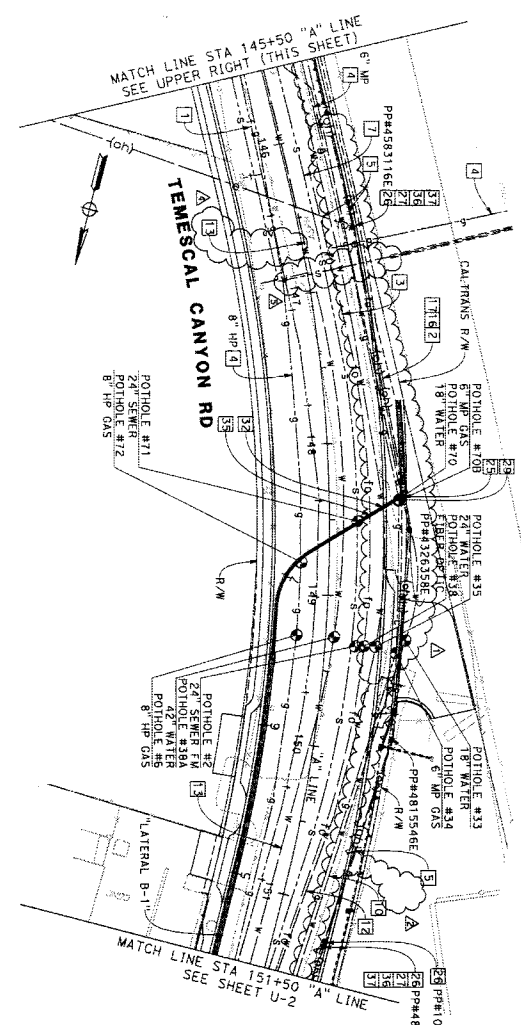
DOS LAGOS DR TO LEROY RD

"A" LINE STA 139+38.12 TO 151+50

SHEET 39 OF 73

U-1

SHEET NO.



UTILITY LEGEND

1	—+—+—+—	TELEPHONE (A1&T)
2	—o—o—o—o—	OH FIBER OPTIC (SUNNESS)
3	—o—o—o—o—	FIBER OPTIC (CENTURYLINK)
4	—g—g—g—g—	GAS (SCG)
5	—o—o—o—o—	OH ELECTRIC (SCE)
6	—o—o—o—o—	OH ELECTRIC (SCE)
7	—o—o—o—o—	UC ELECTRIC (SCE)
8	—o—o—o—o—	SEWER - 24" FORCE MAIN (SAMP)
9	—o—o—o—o—	WATER - 16" DI (TYWD)
10	—o—o—o—o—	WATER - 18" (CORONA)
11	—o—o—o—o—	WATER - 20" (CORONA)
12	—o—o—o—o—	WATER - 24" (TYWD)
13	—o—o—o—o—	WATER - 42" (TYWD)
14	—o—o—o—o—	WATER - 12" (TYWD)
15	—o—o—o—o—	WATER - 14" AG LINE (TYWD)
16	—o—o—o—o—	OH TELEPHONE (A1&T)
17	—o—o—o—o—	OH CABLE TV (CARTER)
18	—o—o—o—o—	WATER - 6" (CORONA)
19	—o—o—o—o—	WATER - 6" (CORONA)
20	—o—o—o—o—	WATER - 8" (CORONA)

UTILITY NOTES:

- POTHOLE LOCATION (SEE TABLE ON SHEET U-4 AND U-5)

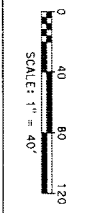
UTILITY NOTES:

- RELOCATE TELEPHONE BY AIR&T
- RELOCATE UG ELECTRIC BY SCE
- RELOCATE POWER POLE BY SCE
- RELOCATE OH CABLE TV BY CARTER
- NOT USED
- RELOCATE GAS BY SO CAL GAS
- NOT USED
- RELOCATE WATER BY CITY OF CORONA
- RELOCATE WATER BY TYWD
- NOT USED
- NOT USED
- RELOCATE FIBER OPTIC BY CENTURYLINK
- RELOCATE OH FIBER OPTIC BY SUNNESS
- RELOCATE OH TELEPHONE BY A1&T

NOTES:

- FOR UTILITY RELOCATIONS AND ADJUSTMENTS OF SURFACE FEATURES, SEE STREET IMPROVEMENT PLANS.

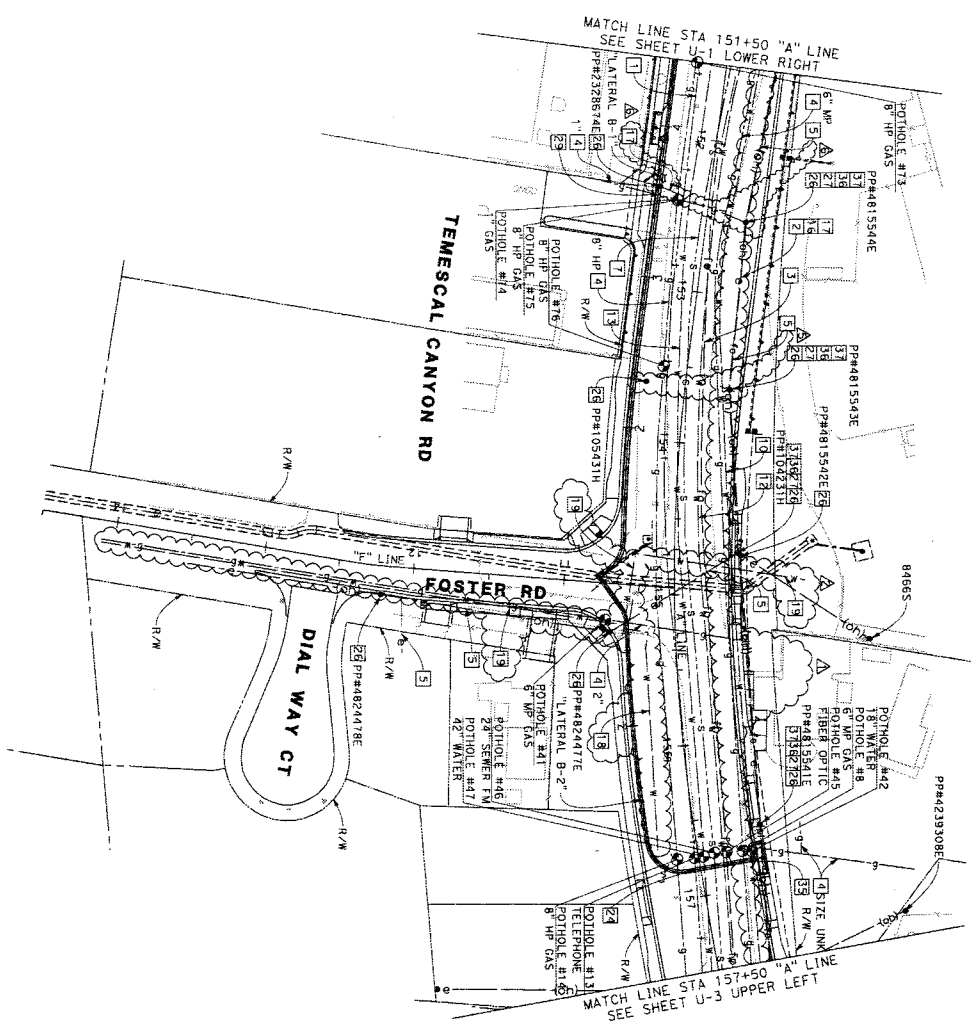
NOTE: LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL UTILITIES ARE AS SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND MARK ALL UTILITIES. THE CONTRACTOR SHALL MAINTAIN AT LEAST 48 HOURS IN ADVANCE OF EXCAVATION, CALL UNDERGROUND SERVICE ALERT AT 811.



REVISION	DATE	BY	APPV.	DESCRIPTION
1	07/16/2018	ADDENDUM		RELOCATE TELEPHONE BY AIRTEL
2	07/16/2018	ADDENDUM		RELOCATE UG ELECTRIC BY SCE
3	07/16/2018	ADDENDUM		RELOCATE POWER POLE BY SCE
4	07/16/2018	ADDENDUM		RELOCATE ON CABLE TV BY CHARTER
5	07/16/2018	ADDENDUM		NOT USED
6	07/16/2018	ADDENDUM		RELOCATE GAS BY SO CAL GAS
7	07/16/2018	ADDENDUM		NOT USED
8	07/16/2018	ADDENDUM		RELOCATE WATER BY CITY OF CORONA
9	07/16/2018	ADDENDUM		RELOCATE WATER BY TWD
10	07/16/2018	ADDENDUM		NOT USED
11	07/16/2018	ADDENDUM		RELOCATE FIBER OPTIC BY CENTURYLINK
12	07/16/2018	ADDENDUM		RELOCATE OH FIBER OPTIC BY SINDSYS
13	07/16/2018	ADDENDUM		RELOCATE OH TELEPHONE BY AIRTEL

PREPARED BY
 PREPARED UNDER THE SUPERVISION OF
 EDWARD M. ...
 PROJECT MANAGER
 410 GREEN RIVER RD, STE 218
 CORONA, CA 92880
 951-712-2900

UTILITY PLAN
TEMESCAL CANYON RD
DOS LACOS DR TO LEROY RD
 "A" LINE STA 151+50
SHEET 40 OF 73
U-2
SHEET NO.



UTILITY LEGEND

1	---(A)---	TELEPHONE (AIRTEL)
2	---(OH)---	OH FIBER OPTIC (SINDSYS)
3	---(F)---	FIBER OPTIC (CENTURYLINK)
4	---(G)---	GAS (SCG)
5	---(E)---	UG ELECTRIC (SCE)
6	---(S)---	OH ELECTRIC (SCE)
7	---(M)---	SEWER - 24" FORCE MAIN (SAMPWA)
8	---(W)---	WATER - 16" 01 (TWD)
9	---(W)---	WATER - 18" (CORONA)
10	---(W)---	WATER - 20" (CORONA)
11	---(W)---	WATER - 24" (TWD)
12	---(W)---	WATER - 42" (EVAMD)
13	---(W)---	WATER - 12" (TWD)
14	---(W)---	WATER - 14" AG LINE (TWD)
15	---(T)---	OH TELEPHONE (AIRTEL)
16	---(C)---	OH CABLE TV (CHARTER)
17	---(C)---	WATER - 4" (CORONA)
18	---(C)---	WATER - 6" (CORONA)
19	---(C)---	WATER - 8" (CORONA)
20	---(C)---	WATER - 8" (CORONA)

UTILITY NOTES:

POTHOLE LOCATION (SEE TABLE ON SHEET U-4 AND U-5)

- NOTES:**
- FOR UTILITY RELOCATIONS AND ADJUSTMENTS OF SURFACE FEATURES, SEE STREET IMPROVEMENT PLANS.
 - RELOCATE TELEPHONE BY AIRTEL
 - RELOCATE UG ELECTRIC BY SCE
 - RELOCATE POWER POLE BY SCE
 - RELOCATE ON CABLE TV BY CHARTER
 - NOT USED
 - RELOCATE GAS BY SO CAL GAS
 - NOT USED
 - RELOCATE WATER BY CITY OF CORONA
 - RELOCATE WATER BY TWD
 - NOT USED
 - RELOCATE FIBER OPTIC BY CENTURYLINK
 - RELOCATE OH FIBER OPTIC BY SINDSYS
 - RELOCATE OH TELEPHONE BY AIRTEL



DATE PLOTTED: 8/16/2018
 TIME PLOTTED: 12:01:18 PM

SCALE: 1" = 40'

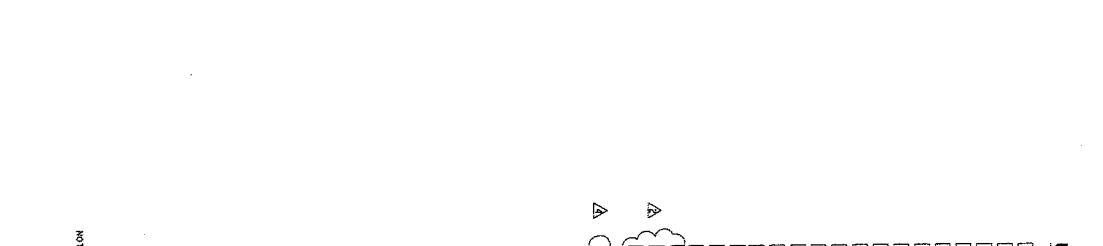
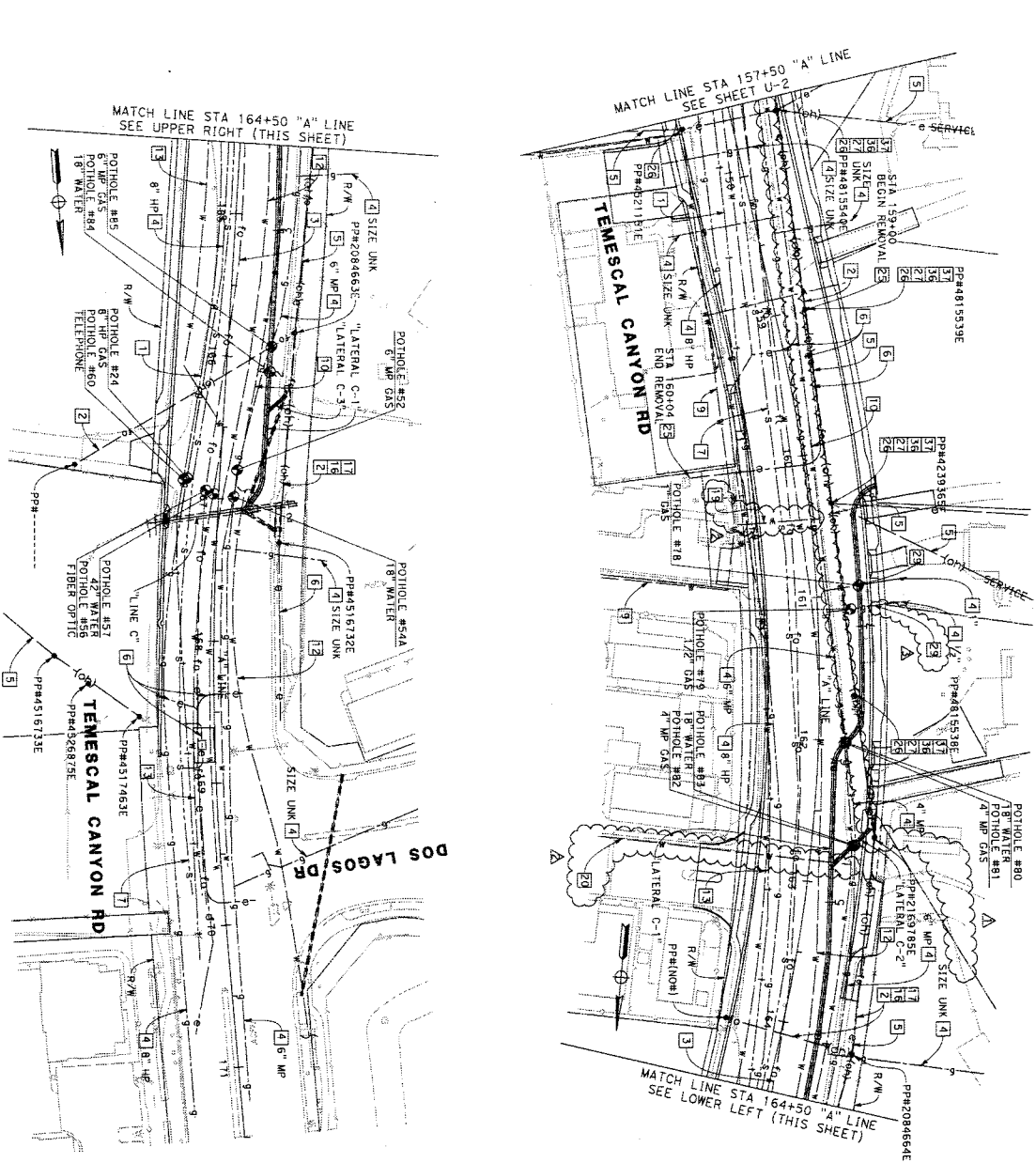
NO.	DATE	BY	REVISIONS
1	8/16/2018	ADDENDUM	ADDED EXISTING CORONA WATER LINES
2	8/16/2018	ADDENDUM	ADDED A RELOCATE NOTE FOR V, GAS LINE
3	8/16/2018	ADDENDUM	ADDED SHEET REFERENCE FOR POT HOLE TABLE

PREPARED BY
 PREPARED UNDER THE SUPERVISION OF:
 EDWARD M. WILSON
 PROJECT MANAGER
 4710 GREEN AVE. NO. 518 218
 CORONA, CA 92620
 DATE: 07/10/2018

UTILITY PLAN
 TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 "A" LINE STA 157+50
 TO 171+50

SHEET NO.
 U-3
 SHEET 41 OF 73

WO CS-0066
 COUNTY: 965-XX



UTILITY LEGEND

1	—	TELEPHONE (A181)
2	—(OH)—	OH FIBER OPTIC (CENTURYLINK)
3	—	FIBER OPTIC (CENTURYLINK)
4	—	GAS (SCG)
5	—(OH)—	OH ELECTRIC (SCE)
6	—	UC ELECTRIC (SCE)
7	—	SEWER - 24" FORCE MAIN (SAMP)
8	—	WATER - 6" (TAMD)
9	—	WATER - 16" DI (TAMD)
10	—	WATER - 18" (CORONA)
11	—	WATER - 20" (CORONA)
12	—	WATER - 24" (TAMD)
13	—	WATER - 42" (TAMD)
14	—	WATER - 12" (TAMD)
15	—	WATER - 14" AG LINE (TAMD)
16	—(OH)—	OH TELEPHONE (A181)
17	—	OH CABLE TV (CHARTER)
18	—	WATER - 4" (CORONA)
19	—	WATER - 6" (CORONA)
20	—	WATER - 8" (CORONA)

- UTILITY NOTES:**
- POT HOLE LOCATION (SEE TABLE ON SHEET U-4 AND U-5)
 - RELOCATE TELEPHONE BY A181
 - RELOCATE OH ELECTRIC BY SCE
 - RELOCATE POWER POLE BY SCE
 - RELOCATE OH CABLE TV BY CHARTER
 - NOT USED
 - RELOCATE GAS BY SO CAL GAS
 - NOT USED
 - RELOCATE WATER BY CITY OF CORONA
 - RELOCATE WATER BY TAMD
 - NOT USED
 - RELOCATE FIBER OPTIC BY CENTURYLINK
 - RELOCATE OH FIBER OPTIC BY SUNESYS
 - RELOCATE OH TELEPHONE BY A181

- NOTES:**
- FOR UTILITY RELOCATIONS AND ADJUSTMENTS OF SURFACE FEATURES, SEE STREET IMPROVEMENT PLANS.

NOTE: LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONNECTIONS TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES PRESENT AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE CORPORATION OF ALL UTILITIES UNDERGROUND SERVICE MAPPING (USM) NUMBER OF CORPORATION. ALL UNDERGROUND SERVICE MAPPING (USM) SHALL BE OBTAINED FROM THE CORPORATION.



DIGALERT
 800-4-A-ALERT
 1-800-422-2413
 1-800-422-2413
 1-800-422-2413

NOTE: LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND VERIFY ALL UTILITIES BEFORE ANY EXCAVATION. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES TO UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND NOTICES FROM ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND NOTICES FROM ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND NOTICES FROM ALL UTILITIES.

NO.	SHEET	UTILITY	MATERIAL	OWNER	DRAINAGE CROSSING	ALIGN	STATION	OFFSET	ELEV	REMARKS
33	U-1	18" WATER		CORONA	SO LATERAL B-1	"A" LINE	149+25.78	52.94' LT	905.90	NO REMARKS.
34	U-1	8" HP GAS		SCG	SO LATERAL B-1	"A" LINE	149+34.01	47.23' LT	905.21	NO REMARKS.
35	U-1	24" WATER		TYND	SO LATERAL B-1	"A" LINE	149+31.19	33.55' LT	905.42	DEPTH IS TO TOP OF CONCRETE.
2	U-1	24" SEWER FORCE MAIN		SAMPA	SO LATERAL B-1	"A" LINE	149+31.96	19.80' LT	904.74	SEWER PIPE IS IN PEA GRAVEL. ELEVATION OF UTILITY IS ABOUT 1'-2' BELOW DEPTH DUG TO.
36	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
37	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
38A	U-1	FIBER OPTIC		CENTURYLINK	SO LATERAL B-1	"A" LINE	149+31.56	25.97' LT	905.10	FO IS IN SLURRY, 3.71' TO BOTTOM.
5	U-1	42" WATER		EWMD	SO LATERAL B-1	"A" LINE	149+26.86	5.57' LT	903.77	NO REMARKS.
6	U-1	TELEPHONE		AT&T	SO LATERAL B-1	"A" LINE	N/A	N/A	N/A	LOCATION OF POTHOLE WAS NOT PROVIDED BY FIELD SUPERVISOR. DEPTH TO UTILITY WAS 3.30'.
39	N/A	N/A		SCG	SO LATERAL B-1	"A" LINE	149+27.66	19.43' RT	903.45	NO REMARKS.
40	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
41	U-2	6" HP GAS		SCG	SO LATERAL B-2	"A" LINE	155+15.14	46.51' RT	891.80	NO REMARKS.
42	U-2	18" WATER		CORONA	SO LATERAL B-2	"A" LINE	156+16.26	35.42' LT	891.26	NO REMARKS.
43	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
44	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	POTHOLE TO FIND WATER UTILITY WAS STORED BY CONCRETE ENCASUREMENT AROUND TO UTILITY.
8	U-2	6" GAS		SCG	SO LATERAL B-2	"A" LINE	156+17.34	29.49' LT	891.53	NO REMARKS.
45	U-2	FIBER OPTIC		CENTURYLINK	SO LATERAL B-2	"A" LINE	156+17.08	18.77' LT	891.88	DEPTH TO BOTTOM OF CONCRETE ENCASUREMENT IS 3.25'.
46	U-2	24" SEWER FORCE MAIN		SAMPA	SO LATERAL B-2	"A" LINE	156+17.10	10.60' LT	891.84	SEWER PIPE IS IN PEA GRAVEL. ELEVATION OF UTILITY IS ABOUT 1'-2' BELOW DEPTH DUG TO.
47	U-2	42" WATER		EWMD	SO LATERAL B-2	"A" LINE	156+17.32	3.40' LT	891.39	NO REMARKS.
48	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
49	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
13	U-2	TELEPHONE		AT&T	SO LATERAL B-2	"A" LINE	156+17.08	2.63' RT	891.27	NO REMARKS.
14	U-2	8" HP GAS		SCG	SO LATERAL B-2	"A" LINE	156+17.16	14.31' RT	891.11	NO REMARKS.
50	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.

POT HOLE LOCATION TABLE

NO.	SHEET	UTILITY	MATERIAL	OWNER	DRAINAGE CROSSING	ALIGN	STATION	OFFSET	ELEV	REMARKS
33	U-1	18" WATER		CORONA	SO LATERAL B-1	"A" LINE	149+25.78	52.94' LT	905.90	NO REMARKS.
34	U-1	8" HP GAS		SCG	SO LATERAL B-1	"A" LINE	149+34.01	47.23' LT	905.21	NO REMARKS.
35	U-1	24" WATER		TYND	SO LATERAL B-1	"A" LINE	149+31.19	33.55' LT	905.42	DEPTH IS TO TOP OF CONCRETE.
2	U-1	24" SEWER FORCE MAIN		SAMPA	SO LATERAL B-1	"A" LINE	149+31.96	19.80' LT	904.74	SEWER PIPE IS IN PEA GRAVEL. ELEVATION OF UTILITY IS ABOUT 1'-2' BELOW DEPTH DUG TO.
36	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
37	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
38A	U-1	FIBER OPTIC		CENTURYLINK	SO LATERAL B-1	"A" LINE	149+31.56	25.97' LT	905.10	FO IS IN SLURRY, 3.71' TO BOTTOM.
5	U-1	42" WATER		EWMD	SO LATERAL B-1	"A" LINE	149+26.86	5.57' LT	903.77	NO REMARKS.
6	U-1	TELEPHONE		AT&T	SO LATERAL B-1	"A" LINE	N/A	N/A	N/A	LOCATION OF POTHOLE WAS NOT PROVIDED BY FIELD SUPERVISOR. DEPTH TO UTILITY WAS 3.30'.
39	N/A	N/A		SCG	SO LATERAL B-1	"A" LINE	149+27.66	19.43' RT	903.45	NO REMARKS.
40	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
41	U-2	6" HP GAS		SCG	SO LATERAL B-2	"A" LINE	155+15.14	46.51' RT	891.80	NO REMARKS.
42	U-2	18" WATER		CORONA	SO LATERAL B-2	"A" LINE	156+16.26	35.42' LT	891.26	NO REMARKS.
43	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
44	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	POTHOLE TO FIND WATER UTILITY WAS STORED BY CONCRETE ENCASUREMENT AROUND TO UTILITY.
8	U-2	6" GAS		SCG	SO LATERAL B-2	"A" LINE	156+17.34	29.49' LT	891.53	NO REMARKS.
45	U-2	FIBER OPTIC		CENTURYLINK	SO LATERAL B-2	"A" LINE	156+17.08	18.77' LT	891.88	DEPTH TO BOTTOM OF CONCRETE ENCASUREMENT IS 3.25'.
46	U-2	24" SEWER FORCE MAIN		SAMPA	SO LATERAL B-2	"A" LINE	156+17.10	10.60' LT	891.84	SEWER PIPE IS IN PEA GRAVEL. ELEVATION OF UTILITY IS ABOUT 1'-2' BELOW DEPTH DUG TO.
47	U-2	42" WATER		EWMD	SO LATERAL B-2	"A" LINE	156+17.32	3.40' LT	891.39	NO REMARKS.
48	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
49	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.
13	U-2	TELEPHONE		AT&T	SO LATERAL B-2	"A" LINE	156+17.08	2.63' RT	891.27	NO REMARKS.
14	U-2	8" HP GAS		SCG	SO LATERAL B-2	"A" LINE	156+17.16	14.31' RT	891.11	NO REMARKS.
50	N/A	N/A		N/A	N/A	"A" LINE	N/A	N/A	N/A	NO POTHOLE.

NOTE: 1. CENTURYLINK (LEVEL 3)
 2. CHARTER SPECTRUM (TIME WARNER)
 3. FIBER OPTIC (LEVEL 3)
 4. FROM FIELD (LEVEL 3)
 CURRENT NAME (PREVIOUS NAME)

NOTE: DUE TO COMPANY MERGERS, SOME UTILITY COMPANIES HAVE CHANGED NAMES IN THE RECENT PAST

BORDER LAST REVISED 07/21/2015

CHANGED UTILITY OWNER

ADDENDUM

NO. ADDRESS DATE

NO. ADDRESS DATE

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NOTE: LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL UTILITIES BEFORE ANY EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO UTILITIES. ALL COMPANIES AT LEAST 48 HOURS IN ADVANCE OF EXCAVATION. CALL UNDERGROUND SERVICE ALERT AT 811.

CHANGED UTILITY OWNER

NO.	DATE	BY	REVISIONS
1	8/16/2018	NSA	ADDED NOTE

PREPARED BY

EDWARD M. LEBEL, INC.
 4740 GREEN RIVER RD, STE 218
 CORONA, LA 98880

DATE: 07/10/2018

UTILITY PLAN

TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD

"A" LINE STA 157+50 TO 171+50

SHEET NO. U-5

43 OF 73

DATE PLOTTED: 8/16/2018
 TIME PLOTTED: 12:04:26 PM

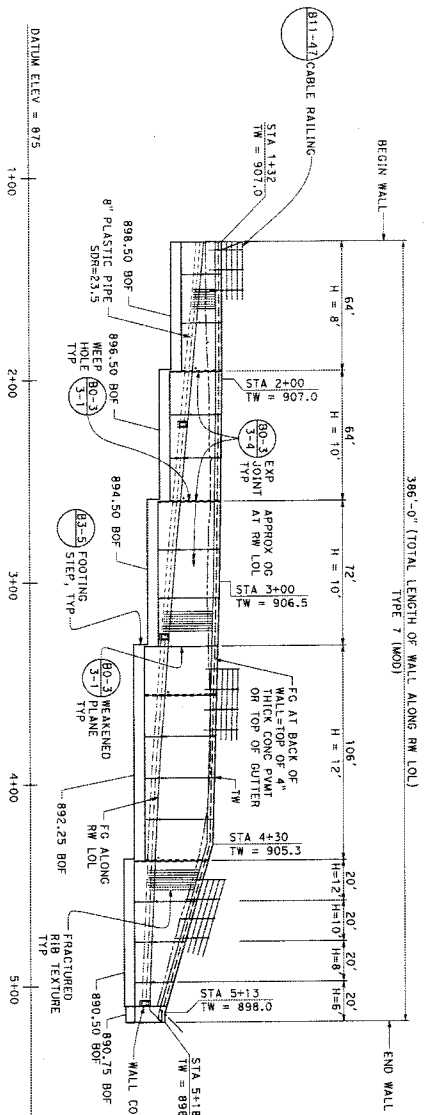
ISSUED BY ADDENDUM No. 3, ATTACHMENT "G"

NO.	SHEET	UTILITY	MATERIAL	OWNER	DRAINAGE CROSSING	ALIGN	STATION	OFFSET	ELEV	REMARKS
51	N/A	N/A	N/A	SCG	SO LATERAL B-3	"A" LINE	166+78.82	11.78' LT	876.00	NO REMARKS.
52	U-3	6" GAS	N/A	N/A	N/A	"A" LINE	N/A	N/A	N/A	ATTEMPTED TO LOCATE 24" WATER. COULD NOT DIG PAST ROCKS AT DEPTH OF 10'.
53	N/A	N/A	N/A	N/A	N/A	"A" LINE	N/A	N/A	N/A	ATTEMPTED TO LOCATE 18" WATER. COULD NOT DIG PAST ROCKS AT DEPTH OF 10'.
54	N/A	N/A	N/A	CORONA	SO LATERAL B-3	"A" LINE	166+97.88	10.45' LT	875.57	NO REMARKS.
55	N/A	N/A	N/A	N/A	N/A	"A" LINE	N/A	N/A	N/A	NOT USED.
56	U-3	FIBER OPTIC	Δ CENTURY LINK	Δ CENTURY LINK	SO LATERAL B-3	"A" LINE	166+94.52	9.45' RT	875.88	DEPTH IS TO TOP OF CONCRETE ENCASUREMENT, IT WAS TOO MISTY TO CUT INTO ENCASUREMENT.
57	U-3	42" WATER	N/A	EWAND	SO LATERAL B-3	"A" LINE	166+96.85	3.88' RT	875.73	NO REMARKS.
58	N/A	N/A	N/A	N/A	N/A	"A" LINE	N/A	N/A	N/A	ATTEMPTED TO LOCATE 24" SEWER FORCE MAIN. NO UTILITY WAS FOUND WITHIN 10'.
59	N/A	N/A	N/A	N/A	N/A	"A" LINE	N/A	N/A	N/A	NOT USED.
60	U-3	8" GAS	N/A	SCG	SO LATERAL B-3	"A" LINE	166+96.88	23.46' RT	876.43	NO REMARKS.
61	U-3	TELEPHONE	N/A	AT&T	SO LATERAL B-3	"A" LINE	166+87.81	25.31' RT	874.42	TELEPHONE LINE WAS IN CONCRETE ENCASUREMENT, 5.34' TO BOTTOM.
70	U-1	18" WATER	N/A	CORONA	SO LATERAL B-1	"A" LINE	140+35.18	46.22' LT	903.93	NO REMARKS.
70A	U-1	6" GAS	N/A	SCG	SO LATERAL B-1	"A" LINE	N/A	N/A	N/A	ATTEMPTED TO LOCATE 6" GAS. NO UTILITY WAS FOUND WITHIN 10'.
71	U-1	24" SEWER	N/A	SANPA	SO LATERAL B-1	"A" LINE	140+37.28	47.94' RT	904.77	FOUND 6" STEEL GAS APPROXIMATELY 6' FROM SCG USA MARKS.
72	U-1	8" HP GAS	N/A	SCG	SO LATERAL B-1	"A" LINE	140+51.00	18.54' LT	901.48	CREW DUG THROUGH 5' OF SLURRY TO GET TO UTILITY.
73	U-1	8" HP GAS	N/A	SCG	SO LATERAL B-1	"A" LINE	140+78.76	18.45' RT	901.28	NO REMARKS.
74	U-2	1" GAS	N/A	SCG	SO LATERAL B-1	"A" LINE	151+50.17	19.42' RT	893.91	NO REMARKS.
75	U-2	8" HP GAS	N/A	SCG	SO LATERAL B-1	"A" LINE	152+41.46	21.01' RT	892.60	NO REMARKS.
76	U-2	8" HP GAS	N/A	SCG	SO LATERAL B-1	"A" LINE	152+41.71	20.22' RT	891.07	NO REMARKS.
77	U-2	6" GAS	N/A	SCG	SO LATERAL B-1	"A" LINE	153+51.10	15.53' RT	891.07	PER USA AND THE GAS COMPANY THERE IS NOT A GAS CROSSING AT THAT LOCATION AS SHOWN ON PLANS.
78	U-3	1" GAS	N/A	SCG	SO LATERAL C-1	"A" LINE	160+93.57	29.57' LT	880.40	NO REMARKS.
79	U-3	1/2" GAS	N/A	SCG	SO LATERAL C-1	"A" LINE	161+09.52	23.23' LT	881.86	NO REMARKS.
80	U-3	4" GAS	N/A	SCG	SO LATERAL C-1	"A" LINE	162+01.29	19.35' LT	887.34	TOP OF SLURRY= 877.96.
81	U-3	18" WATER	N/A	CORONA	SO LATERAL C-1	"A" LINE	162+01.62	18.16' LT	876.16	NO REMARKS.
82	U-3	4" GAS	N/A	SCG	SO LATERAL C-2	"A" LINE	162+71.86	28.69' LT	877.16	CREW ALSO FOUND A 2" PVC WITHIN PH AT A DEPTH OF 2.70'.
83	U-3	18" WATER	N/A	CORONA	SO LATERAL C-2	"A" LINE	162+71.78	30.54' LT	876.33	NO REMARKS.
84	U-3	18" WATER	N/A	CORONA	SO LATERAL C-1	"A" LINE	166+06.93	30.42' LT	N/A	CREW WAS UNABLE TO DIG PAST 6.10' DUE TO ABUNDANCE OF LARGE ROCK.
85	U-3	6" GAS	N/A	SCG	SO LATERAL C-1	"A" LINE	167+91.12	30.41' LT	875.22	NO REMARKS.

POT HOLE LOCATION TABLE

NOTE: DUE TO COMPANY MERGERS, SOME UTILITY COMPANIES HAVE CHANGED NAMES IN THE RECENT PAST.
 CURRENT NAME (PREVIOUS NAME)
 1. CENTURY LINK (LEVEL 3)
 2. CHARTER (SPECTRUM, TIME WARNER)
 3. CHOWN CASTLE FIBER (SUNESYS)
 4. FRONTIER (VERIZON)

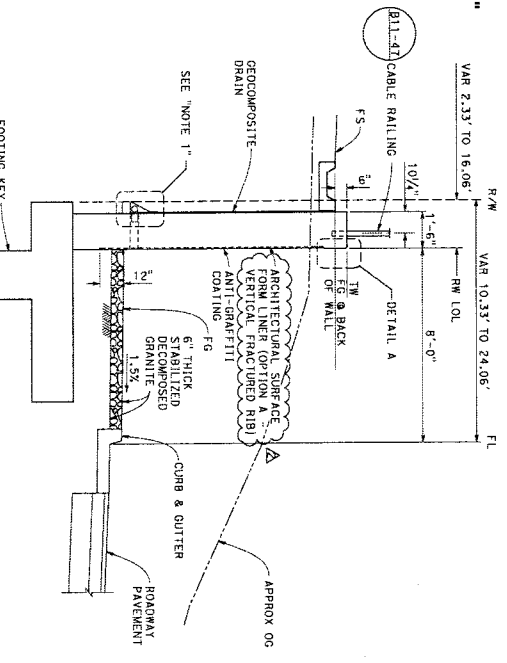
NOTICE TO CONTRACTOR: ALL WORK ON THE R-SHEETS IS FOR ASSOCIATED IMPROVEMENTS"



DEVELOPED ELEVATION
HORIZ: 1" = 30'
VERT: 1" = 30'

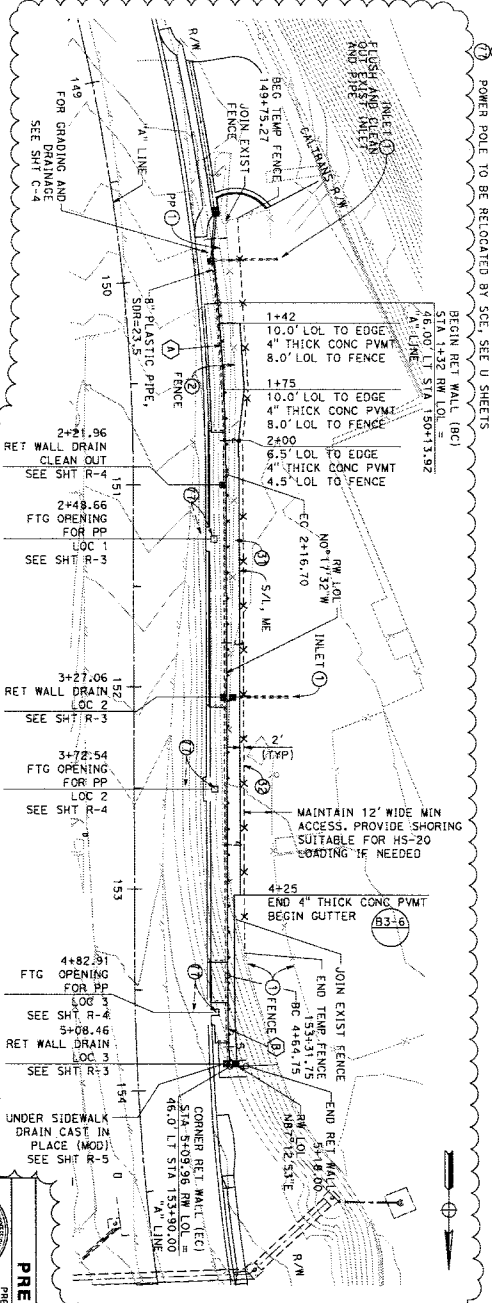
NOTES:
1. FOR GEOREINFORCED DRAIN SEE "DRAINAGE DETAILS"
OR WALL DETAILS NO. 1 SHEET 1"

TYPICAL SECTION - TYPE 7 (MOD)
NO SCALE



CONSTRUCTION NOTES:

1. PROTECT IN PLACE (AS NOTED)
2. REMOVE (AS NOTED)
3. INSTALL 6" HIGH CHAIN LINK FENCE WITH TOP RAIL AND BARBED WIRE PER SPANC STD PLAN 600-3
4. INSTALL TEMPORARY FENCE (CL-6)
5. POWER POLE TO BE RELOCATED BY SEE SEE U SHEETS



CURVE DATA

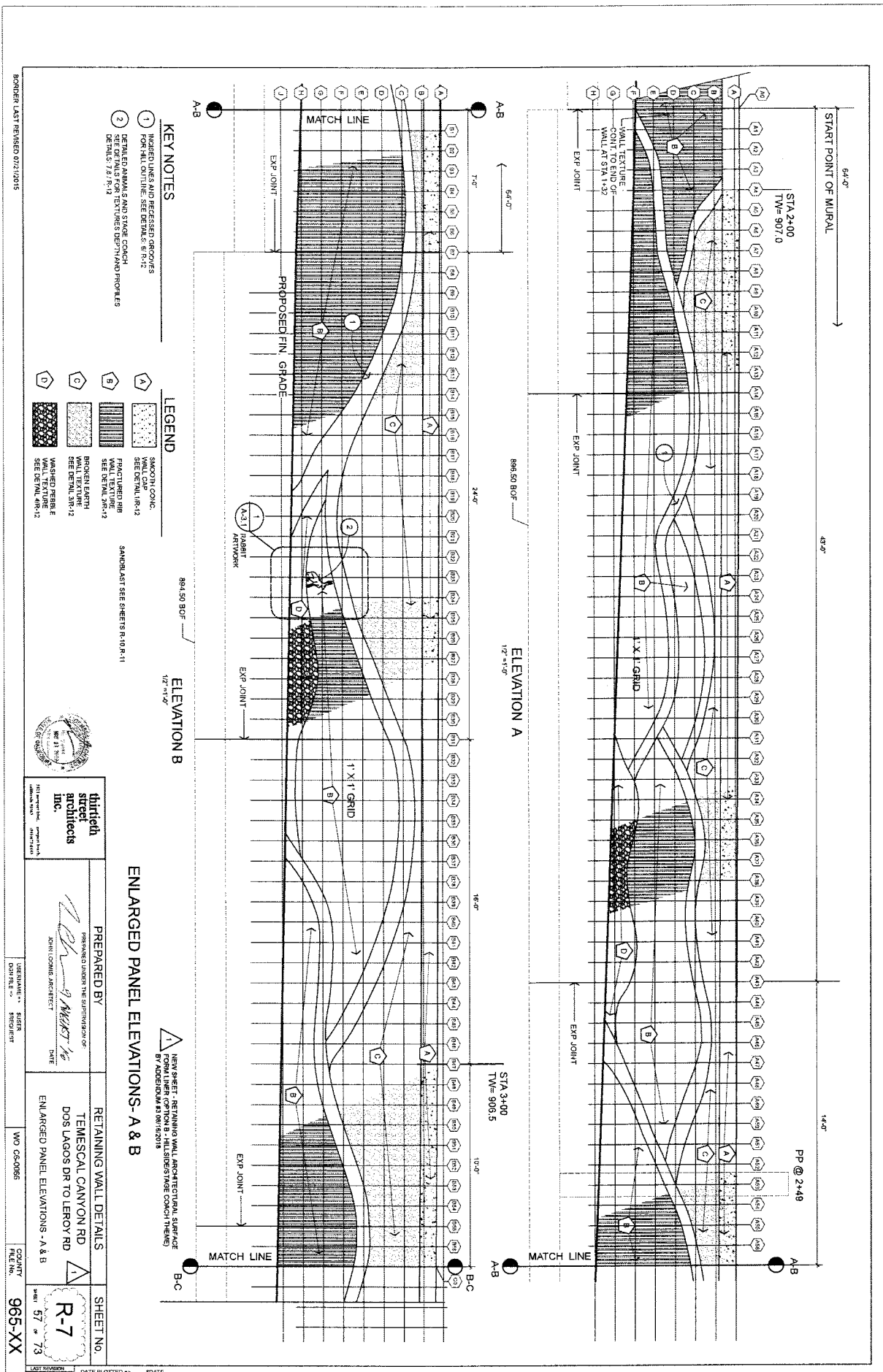
ID	R	Δ	Δ/2	Δ/2	Δ/2
1	1005.0	4°49'27"	42.37	84.70	84.70
2	1039.0	2°29'53"	22.81	45.21	45.21

TEMESCAL CANYON ROAD PLAN
1" = 30'

MARK	DESCRIPTION	DATE
Δ	CHANGED ON TOP AND ROADWAY CENTERLINE	8/16/2018
Δ	REVISED CALLOUT FOR ARCHITECTURAL	8/16/2018
Δ	REVISIONS	8/16/2018

PREPARED BY
PREPARED UNDER THE SUPERVISION OF:
EDMUND M. DOS LAGOS
PROJECT MANAGER
4140 CREEK RIVER RD, STE 218
COLUMBIA, SC 29280
DATE: 07/10/2018

RETAINING WALL LAYOUT
NO SCALE
TEMESCAL CANYON RD
DOS LAGOS DR TO LEROY RD
RETAINING WALL LAYOUT
SHEET 51 OF 73
R-1



KEY NOTES

- 1 INDEXED LINES AND RECESSED GROOVES FOR WALL OUTLINE. SEE DETAILS R-R-12
- 2 SET DETAILS FOR TEXTURED DETAIL AND PROFILES SEE DETAILS 7-21-R-12

LEGEND

- A SMOOTH CONC. WALL CAP SEE DETAIL R-R-12
- B FACTURED RIB WALL TEXTURE SEE DETAIL 3R-12
- C BROKEN EARTH WALL TEXTURE SEE DETAIL 3R-12
- D WASHED PERLE SEE DETAIL 4R-12

SANDBLAST SEE SHEETS R-10 R-11



thirteenth street architects Inc.
1411 Broadway Blvd., Suite 2100
Denver, CO 80202

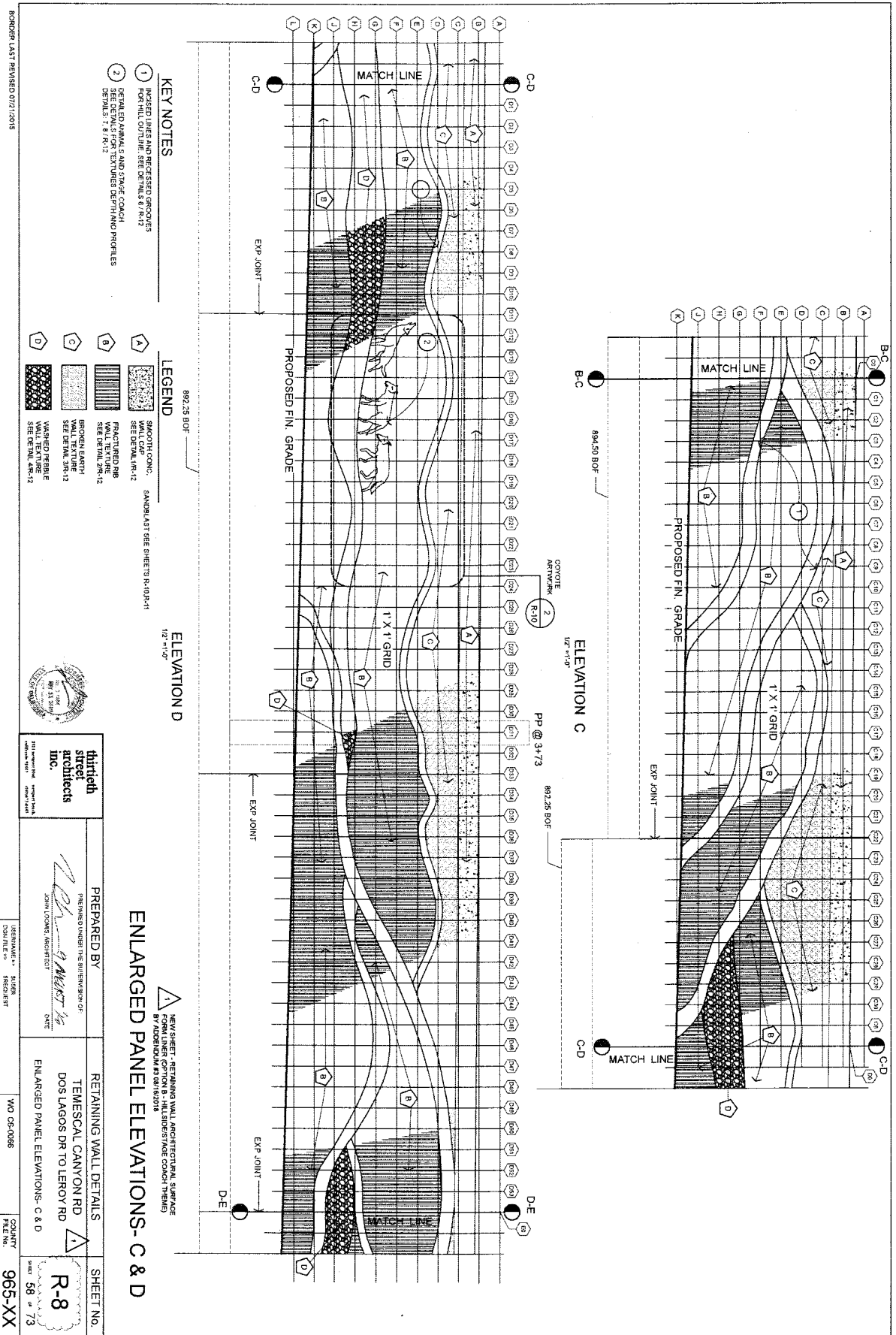
PREPARED BY
JOHN LOHME, ARCHITECT
DATE

RETAINING WALL DETAILS
TEMESCAL CANYON RD.
DOS LAGOS DR TO LEROY RD
ENLARGED PANEL ELEVATIONS - A & B

SHEET NO.
R-7
57 of 73

NO. CS-0056 PROJECT FILE NO. 965-XX

LAST REVISION: 00-00-00 DATE PLOTTED: TIME PLOTTED: 00:00:00 SCALE: STIME



KEY NOTES

- 1. IMPERF LINES AND RECESSED GROOVES FOR MILL CUTLINE; SEE DETAILS B, R-12
- 2. SEAMLESS PANELS AND STRIP JOINTS; SEE DETAILS T, B, R-13

LEGEND

- A. SMOOTH CONC. SANDBLAST SEE SHEETS R-40-R-41
- B. FRACTURED MBS WALL TEXTURE SEE DETAIL R-12
- C. BROWN EARTH WALL TEXTURE SEE DETAIL R-12
- D. WASHED PEBBLE SEE DETAIL R-12

ELEVATION D

ELEVATION C

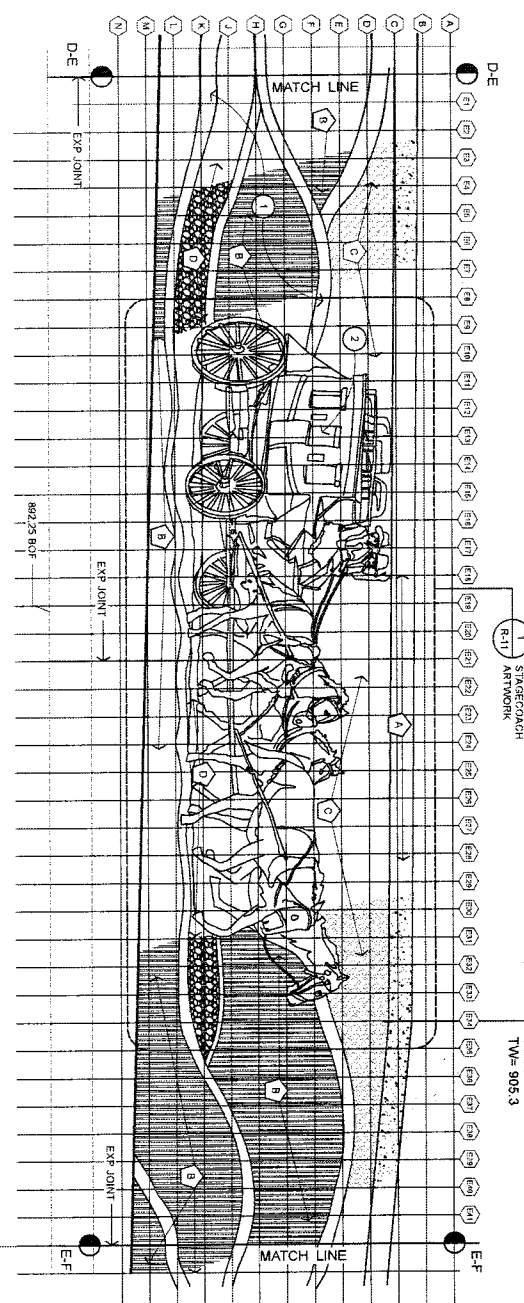
ENLARGED PANEL ELEVATIONS- C & D

PREPARED BY
 THE FIRM OF ARCHITECTS
 JAMES L. COOK, ARCHITECT
 DATE: _____

RETAINING WALL DETAILS
 TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 ENLARGED PANEL ELEVATIONS- C & D

SHEET NO. **R-8**
 SHEET 58 OF 73
 PROJECT FILE NO. **965-XX**

BORDER LAST REVISED 07/12/05



D-E

1 STAGECOACH
R-11
ARTWORK

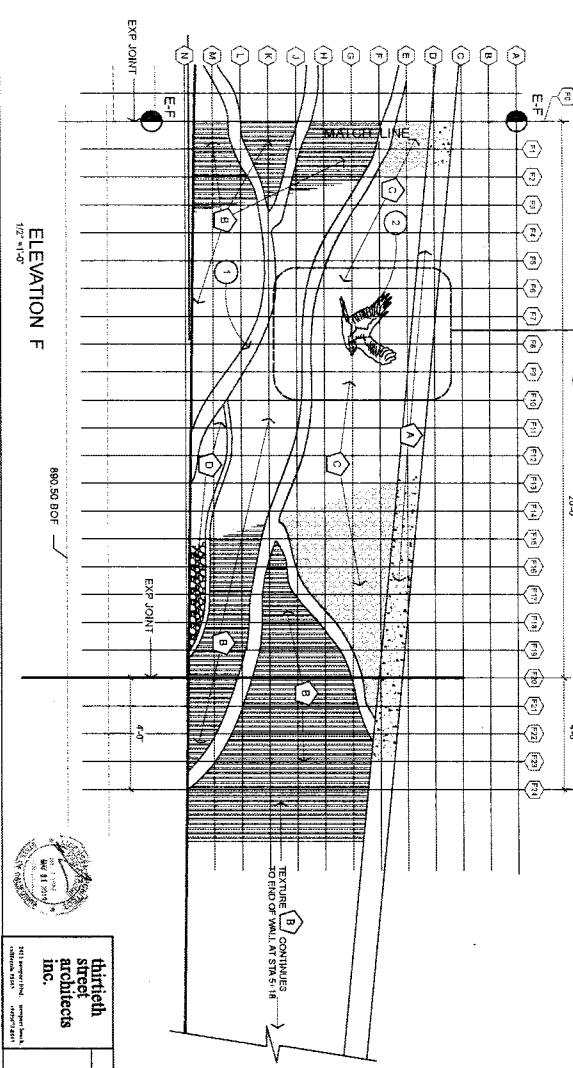
STA 44+30
174= 905.3

E-F

EXP JOINT

EXP JOINT

EXP JOINT



E-F

ELEVATION F
1/2" = 1'-0"

80'50 BOF

EXP JOINT

EXP JOINT

EXP JOINT

- KEY NOTES**
- 1 INSERED LINES AND RECESSED GROOVES FOR MURALS. SEE DETAILS R-12
 - 2 DETAIL ANIMAL AND STAGE COACH. SEE DETAILS FOR TEXTURE, DEPTH AND PROFILES. DETAILS: 7/8, R-12

- LEGEND**
- A SMOOTH CONC. WALL CAP. SEE DETAIL R-12
 - B FRACTURED RIB WALL TEXTURE. SEE DETAIL R-12
 - C BROKEN EARTH. SEE DETAIL R-12
 - D WASHED PEBBLE. SEE DETAIL R-12

NEW SHEET, REMAINING WALL ARCHITECTURAL SURFACE BY ADDENDUM #3 08/16/2018



thirtieth street architects inc.
1011 Pennsylvania Avenue, Suite 1000
Washington, DC 20004

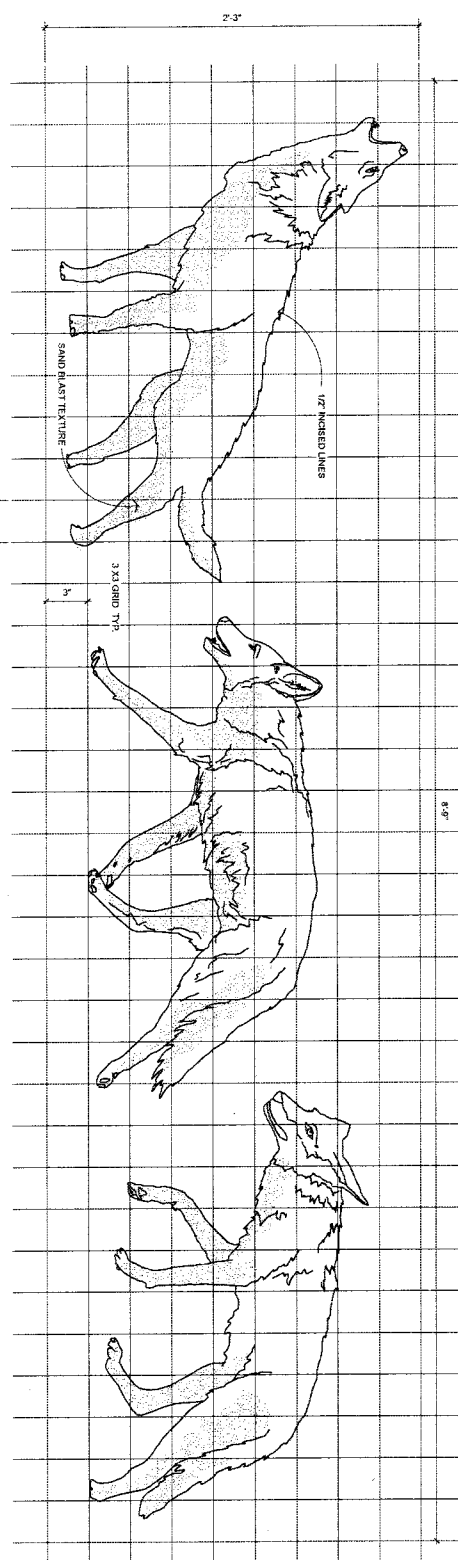
PREPARED BY
JONATHAN WEST
DATE

RETAINING WALL DETAILS
TEMESCAL CANYON RD
DOS LAGOS DR TO LEROY RD

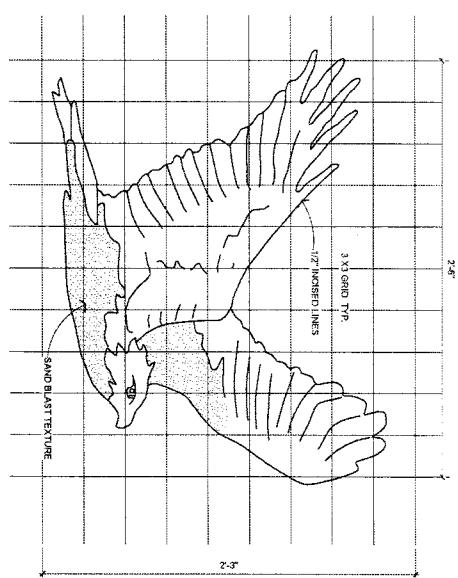
SHEET NO. **R-9**
DATE 59 OF 73
ENLARGED PANEL ELEVATIONS - E & F

DATE PLOTTED 00-00-00
TIME PLOTTED

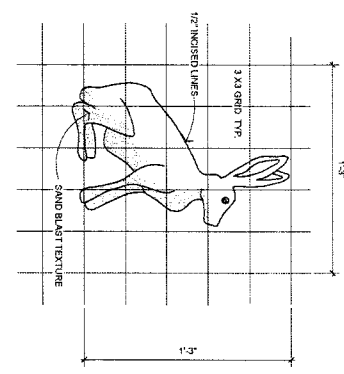
BORDER LAST REVISED 07/12/05



2 COYOTES
SEE DETAIL 7/18/12 FOR
PROFILE ALL FIGURES AT
SANDBLAST FORM TEXTURE
WHERE INDICATED



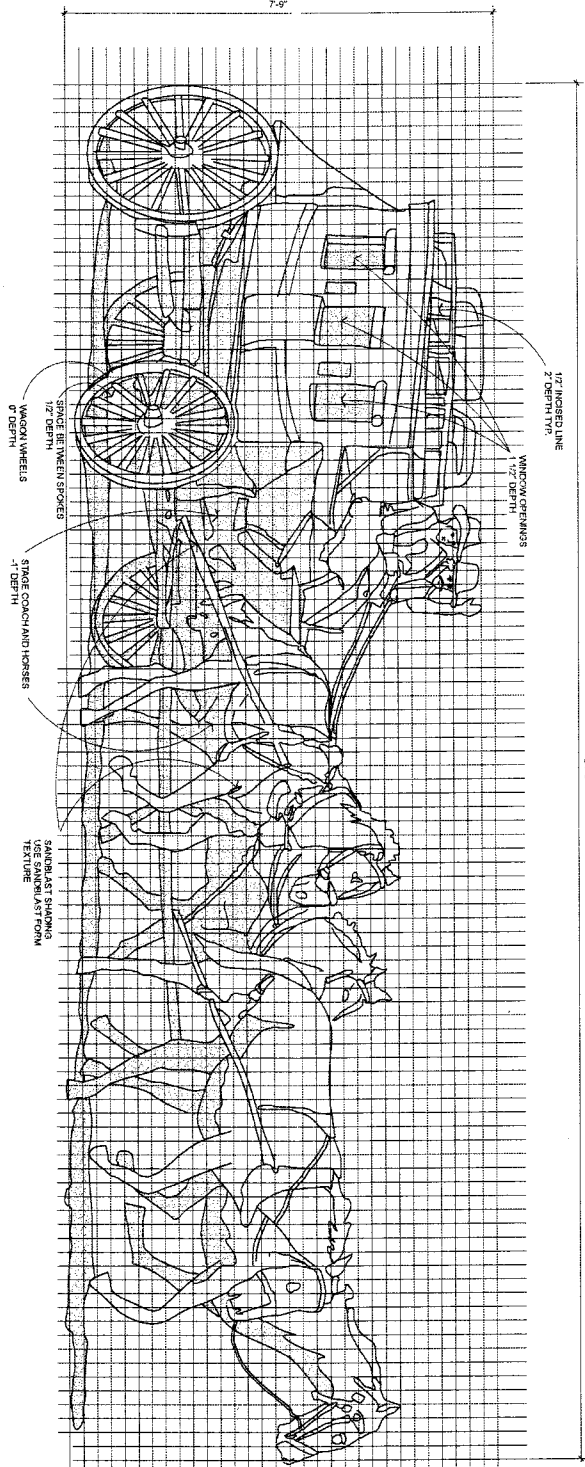
3 HAWK
SEE DETAIL 7/18/12 FOR
PROFILE ALL FIGURES AT
SANDBLAST FORM TEXTURE
WHERE INDICATED



1 JACK RABBIT
SEE DETAIL 7/18/12 FOR
PROFILE ALL FIGURES AT
SANDBLAST FORM TEXTURE
WHERE INDICATED

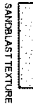
ENLARGED ARTWORK PROFILES - ANIMALS

 PREPARED BY JOHN LOOMIS ARCHITECT DATE	RETAINING WALL DETAILS TEMESCAL CANYON RD DOS LAGOS DR TO LEROY RD ENLARGED ARTWORK PROFILES - ANIMALS	SHEET NO.
		R-10
NUMBER OF SHEETS 68	COUNTY FILE NO. 965-XX	DATE PLOTTED 00-00-00



1 STAGE COACH

SEE DETAIL # R-12 FOR
PROFILES ALL FIGURES AT
SANDBLAST FORM TEXTURE
WHERE INDICATED.



FOR STAGE COACH REFERENCE
SEE DETAIL # R-12 FOR
SANDBLAST FORM TEXTURE
WHERE INDICATED. ALSO SEE
DETAIL # R-13 FOR STAGE COACH
WHEELS. ALSO SEE DETAIL # R-14
FOR STAGE COACH HORSES.



third
street
architects
INC.

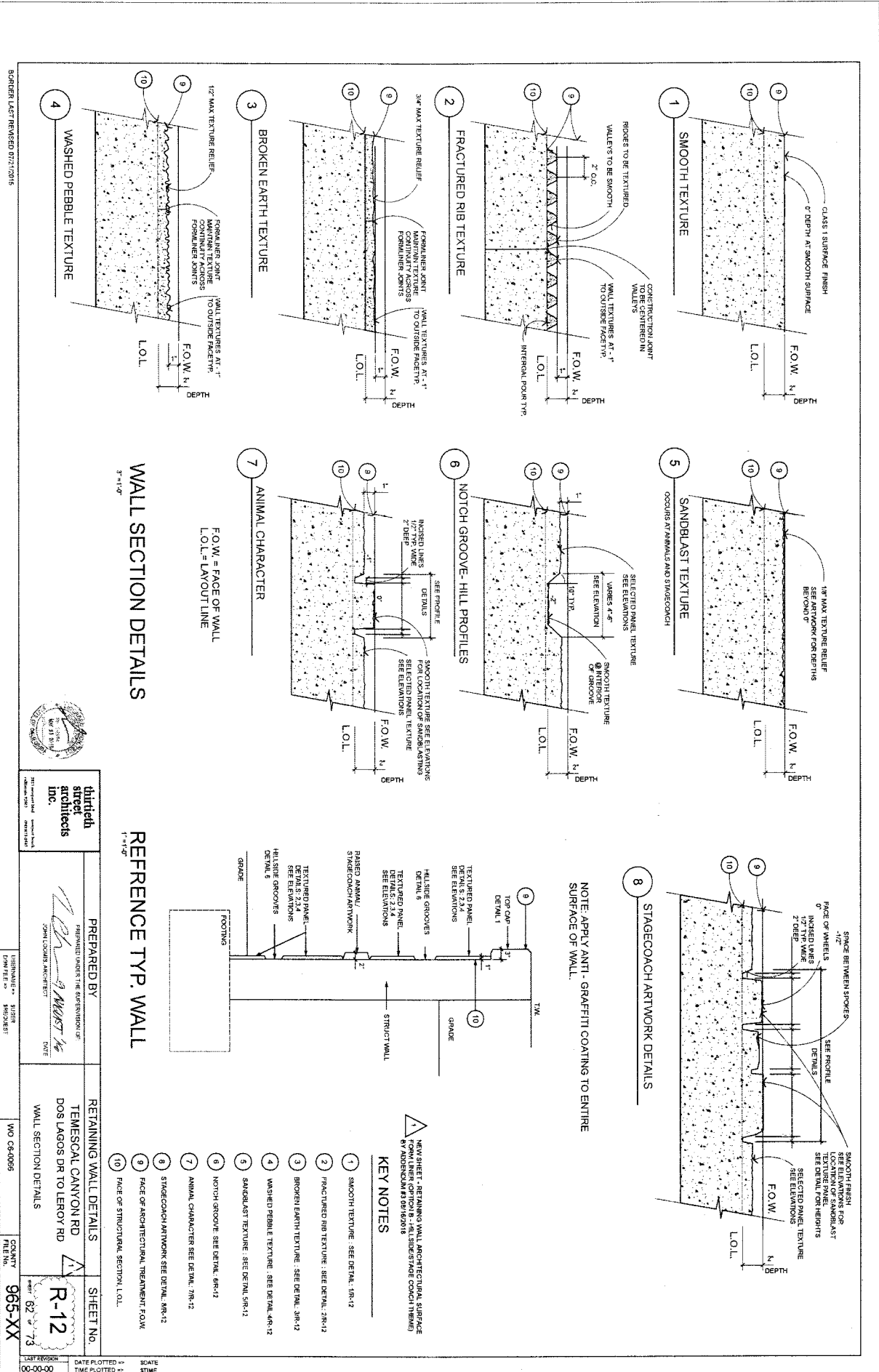
PREPARED BY
THIRD STREET ARCHITECTS
DATE: 07/21/16

RETAINING WALL DETAILS
TEMESCAL CANYON RD
DOS LAGOS DR TO LEROY RD

SHEET NO.
R-11
SHEET 61 OF 73

ENLARGED ARTWORK PROFILES - STAGE COACH

NEW SHEET - RETAINING WALL ARCHITECTURAL SURFACE
FROM LITER OPTION B - HILLSIDE/STAGE COACH THEMES
BY ADDENDUM #3 08/19/2016



BOBBER LAST REVISED 07/27/2016

WALL SECTION DETAILS

REFERENCE TYP. WALL

<p>thirteenth street architects inc. 1001 West 10th Street, Suite 100 Portland, Oregon 97204 503.228.1111</p>	<p>PREPARED BY JONAS COOPER ARCHITECT</p>	<p>RETAINING WALL DETAILS TEMESCAL CANYON RD DOS LAGOS DR TO LEROY RD WALL SECTION DETAILS</p>	<p>SHEET NO. R-12</p>
	<p>DATE 08/12/16</p>	<p>NO. OF SHEETS 1</p>	<p>SCALE AS SHOWN</p>


NO. 965-XX

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BORDER/LAST REVISION: 07/27/2015



John Louis Architect
1111 Commercial Street, Suite 100
Portland, Oregon 97204
Phone: 503.227.1111
www.jlarchitect.com

PREPARED BY
FORWARDED UNDER THE SUPERVISION OF

JOHN LOUIS ARCHITECT
DATE

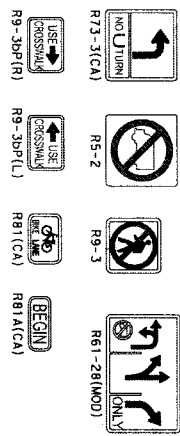
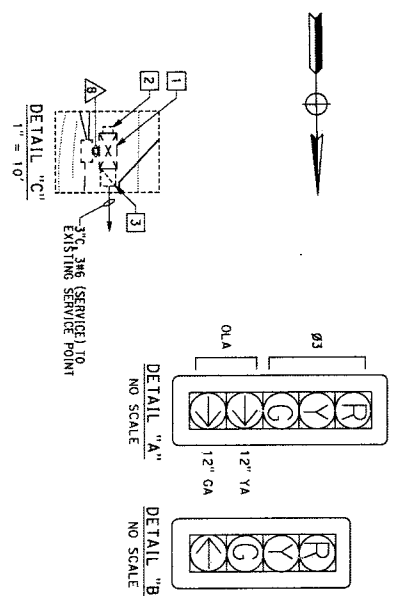
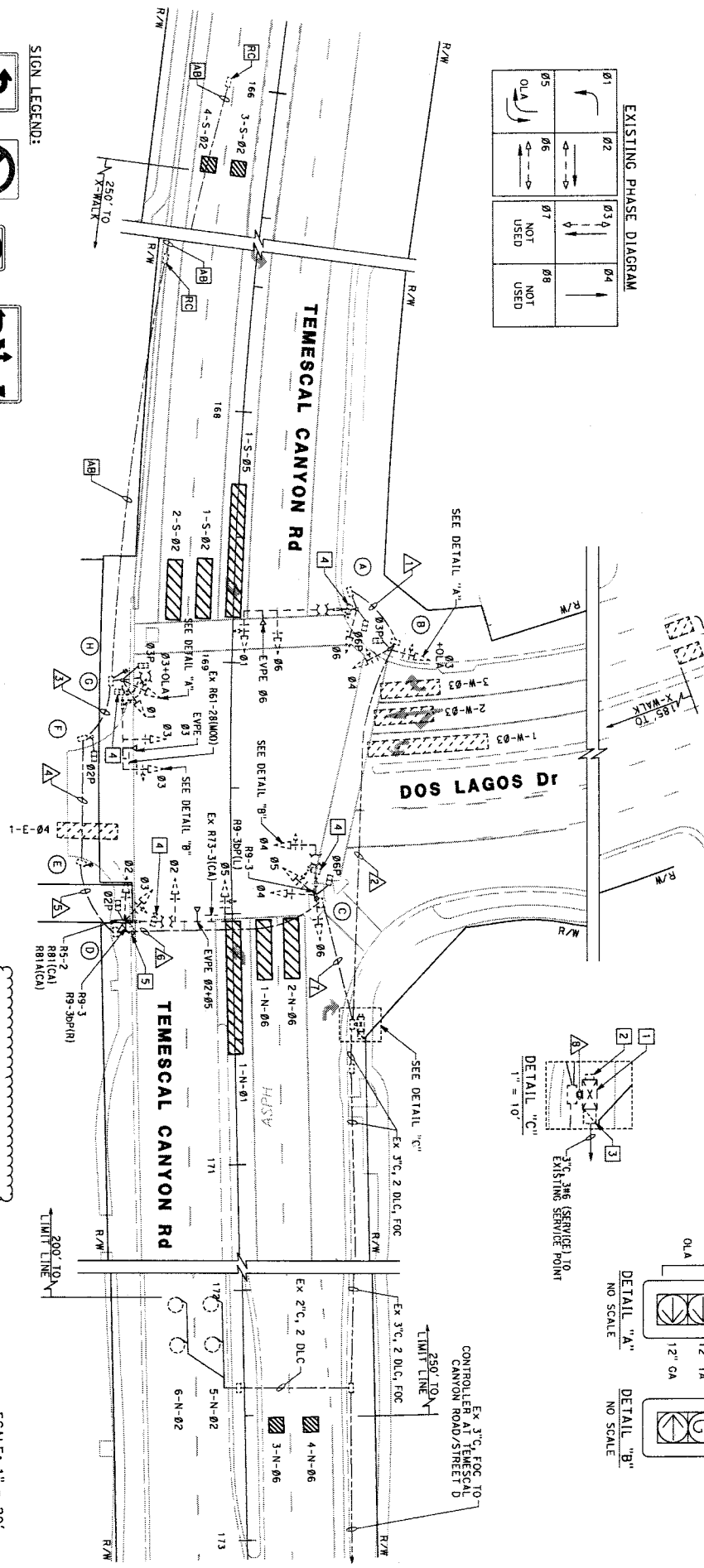
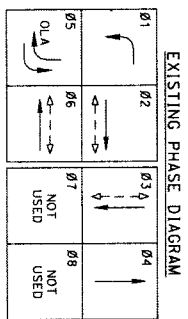
RETAINING WALL DETAILS
TEMESCAL CANYON RD
DOS LAGOS DR TO LEROY RD
INTENTIONALLY BLANK PAGE

SHEET NO.
R-13
OF 63 OF 73

PROJECT: 00-00-00
SHEET: 00-00-00
DATE PLOTTED: 00-00-00
TIME PLOTTED: 00-00-00

1. NEAR CORNER, RETAINING WALL APPEARING TO BE
REPLACEMENT OF EXISTING WALLS. SEE STAGE COACH TRAILS
BY ADDENDUM #3 08/16/2015

- CONSTRUCTION NOTES: (FOR THIS SHEET ONLY)**
- 1 EXISTING TYPE 2070 CONTROLLER ASSEMBLY IN TYPE P CABINET.
 - 2 EXISTING TYPE 11-BF SERVICE CABINET.
 - 3 EXISTING BATTERY BACK-UP SYSTEM IN SIDE MOUNTED CABINET.
 - 4 EXISTING VIDEO DETECTION CAMERA, CONTRACTOR SHALL REVISE DETECTION ZONES PER MANUFACTURER REQUIREMENTS AND SPECIFICATIONS.
 - 5 EXISTING CCTV DOME CAMERA AND PAN/TILT ZOOM ASSEMBLY TO REMAIN.



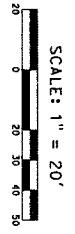
1 DELETED REFERENCE TO SHEET E2 BY ADDENDUM #3 08/19/2010

PREPARED BY

 ALAN KANE
 SENIOR PROJECT MANAGER
 1888 W. BERRY AVE., SUITE 207
 SAN DIEGO, CA 92108
 DATE: _____

TRAFFIC SIGNAL
TEMESCAL CANYON RD
DOS LAGOS DR

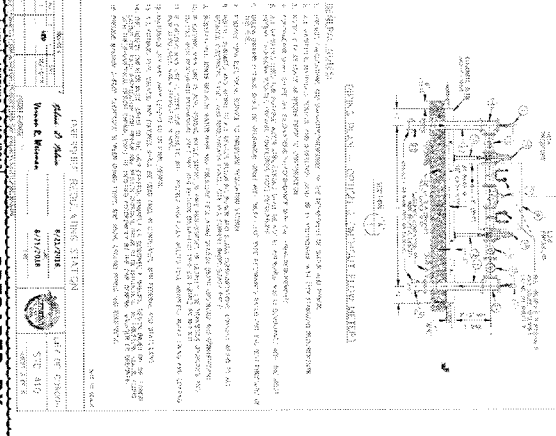
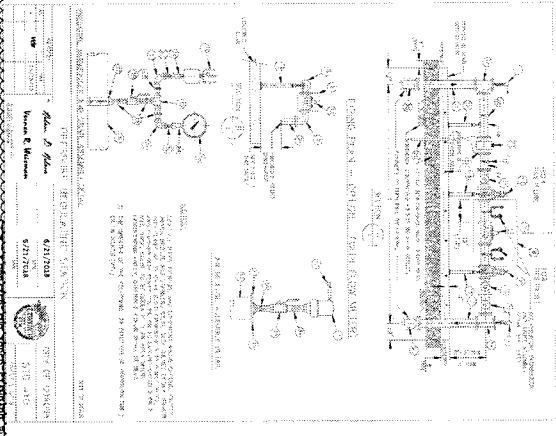
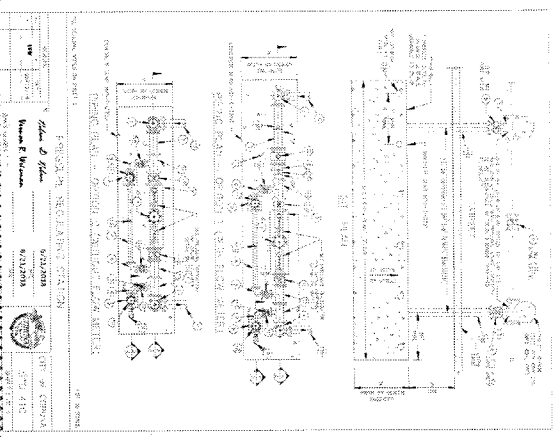
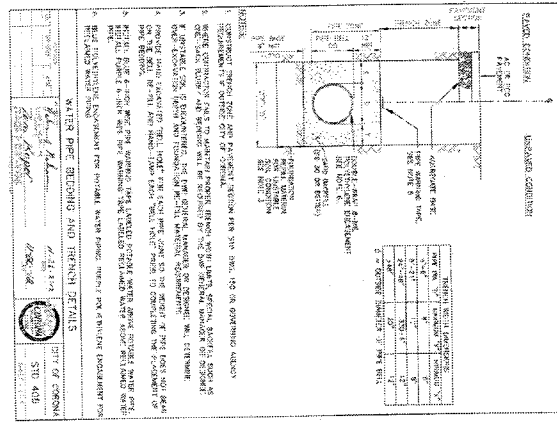
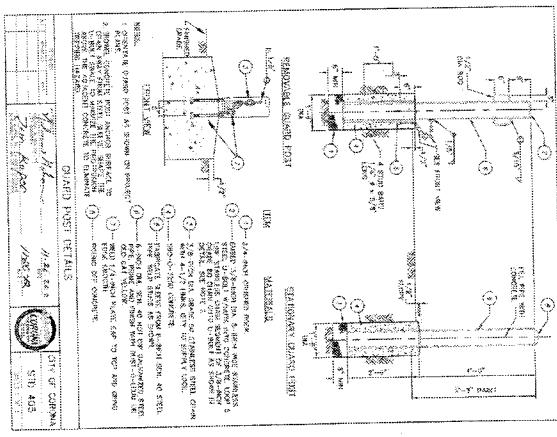
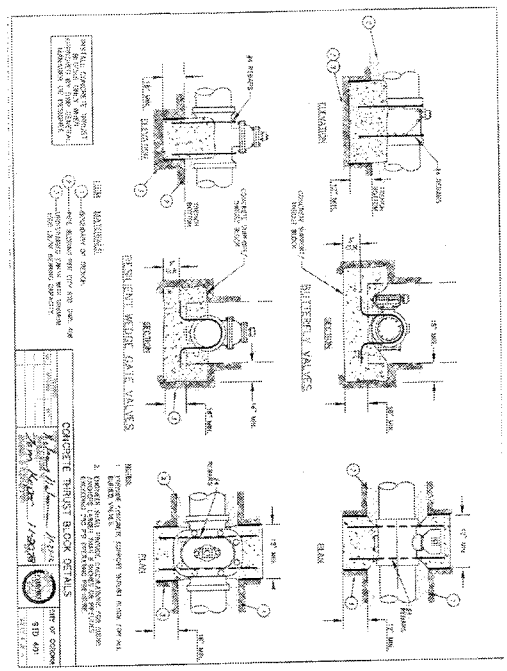
SHEET NO.
E-1
 SHEET 04 OF 73



BORDER LAST REVISED 07/21/2015

WD 06-0065

COUNTY FILE NO. 965-XX



NO.	DESCRIPTION	QTY	UNIT	AMOUNT
1	CONCRETE THRUST BLOCK	1	EA	1.00
2	DIAPHRAGM	1	EA	1.00
3	STANDARD EXPANSION	1	EA	1.00
4	PIPE	1	LN	1.00
5	TRENCH BEDDING	1	LN	1.00
6	BRICK	1	EA	1.00
7	SAND	1	EA	1.00
8	GRAVEL	1	EA	1.00
9	CONCRETE	1	EA	1.00
10	PIPE MATERIALS	1	EA	1.00
11	BRICK	1	EA	1.00
12	SAND	1	EA	1.00
13	GRAVEL	1	EA	1.00
14	CONCRETE	1	EA	1.00
15	PIPE MATERIALS	1	EA	1.00
16	BRICK	1	EA	1.00
17	SAND	1	EA	1.00
18	GRAVEL	1	EA	1.00
19	CONCRETE	1	EA	1.00
20	PIPE MATERIALS	1	EA	1.00

PERMISSION TO RECALCULATE STATIONS

DATE: 07/21/2015

BY: Edward E. Williams

CITY OF CORONA

PROJECT: TEMESCAL CANYON RD

SHEET: 70 OF 73

SP-6

PREPARED BY: EDWARD E. WILLIAMS

DATE: 07/10/2018

PROJECT: TEMESCAL CANYON RD

SITE: 218

REFERENCE STANDARD PLANS SHEET NO. DOS LAGOS DR TO LEROY RD CITY OF CORONA

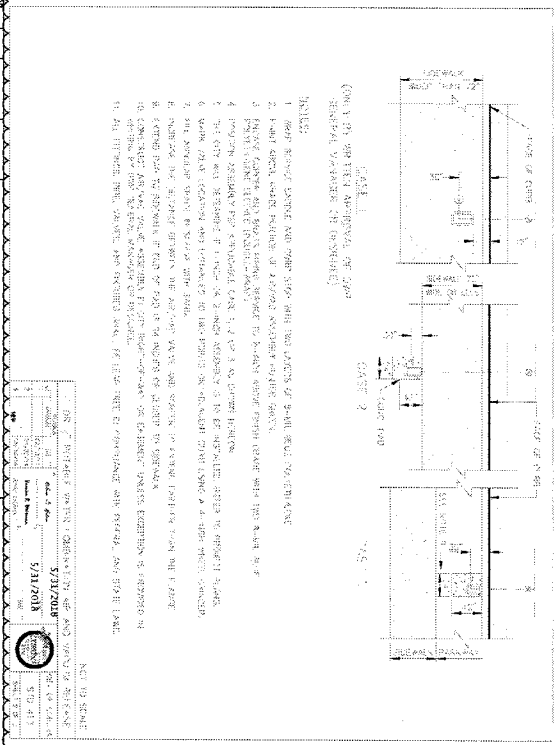
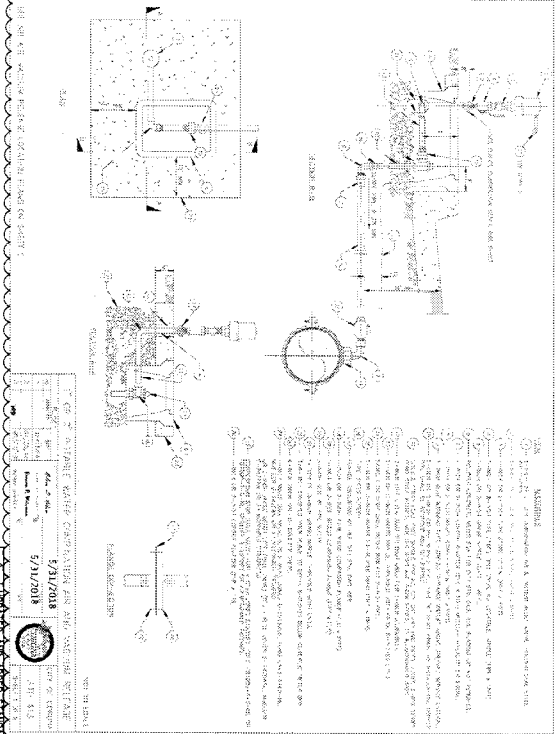
NO. CG-0066

COUNTY: SAN DIEGO

FILE NO.: 965-XX

NO.	REVISION	DATE	BY	DESCRIPTION
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2	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
3	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
4	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
5	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
6	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
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9	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
10	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS

DESIGNED BY: **Michael J. Adams**
 PROJECT: **Reference Standard Plans**
 SHEET: **SP-7**
 DATE: **8/16/2018**

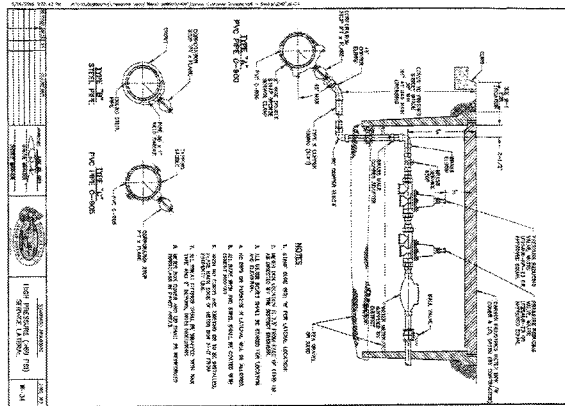


NO.	REVISION	DATE	BY	DESCRIPTION
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5	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
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7	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
8	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
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10	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS

NO.	REVISION	DATE	BY	DESCRIPTION
1	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
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3	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
4	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
5	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
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9	ISSUED FOR PERMITS	8/16/2018	ADDENDUM 3	ISSUED FOR PERMITS
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PREPARED BY
REFERENCE STANDARD PLANS SHEET No.
SP-7
DATE 8/16/2018
PROJECT MANAGER
1140 GREEN RIVER RD, STE 219
CORONA, CA 92720

DATE PLOTTED 8/16/2018
TIME PLOTTED 12:05:00 PM
WO 06-0066
COUNTY 965-XX
SHEET 71 of 73



DATE PLOTTED	07/10/2018
TIME PLOTTED	10:00 AM
DATE	07/10/2018
TIME	10:00 AM

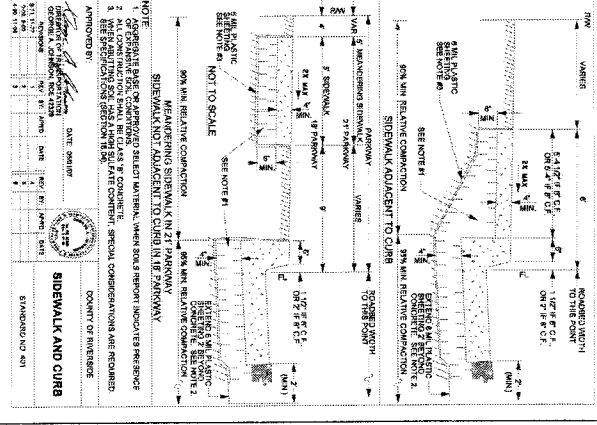
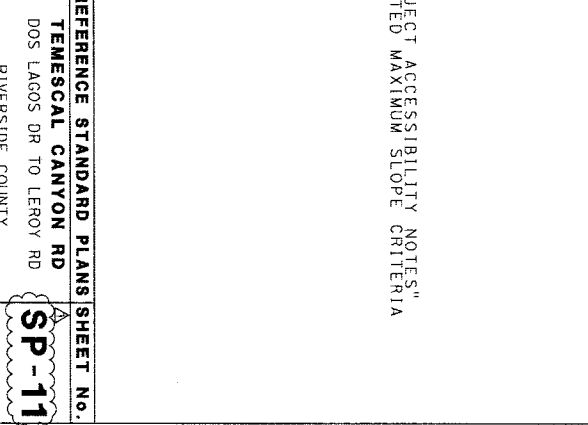
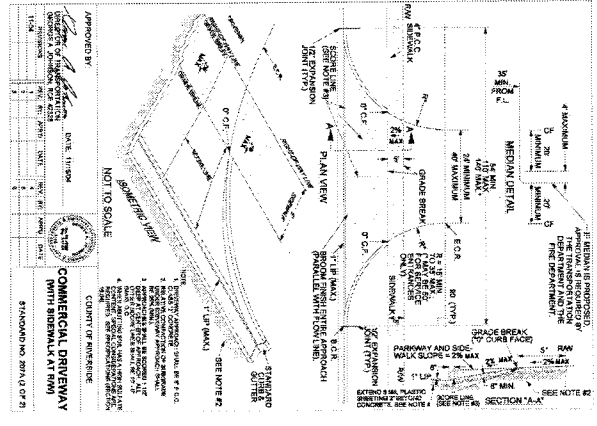
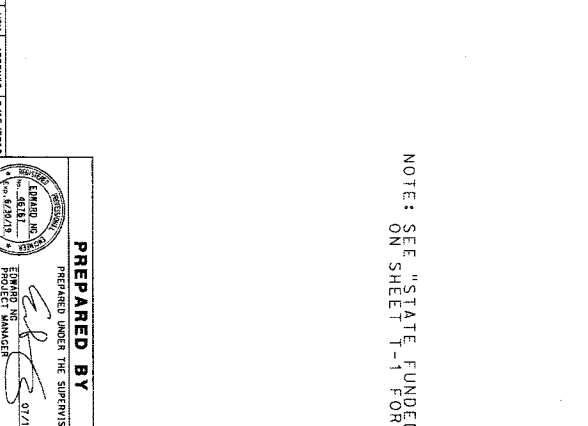
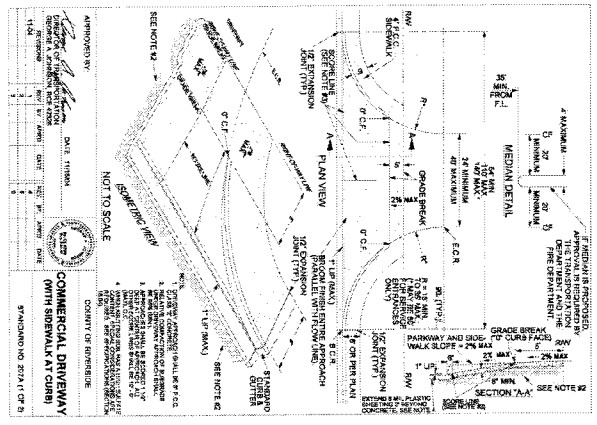
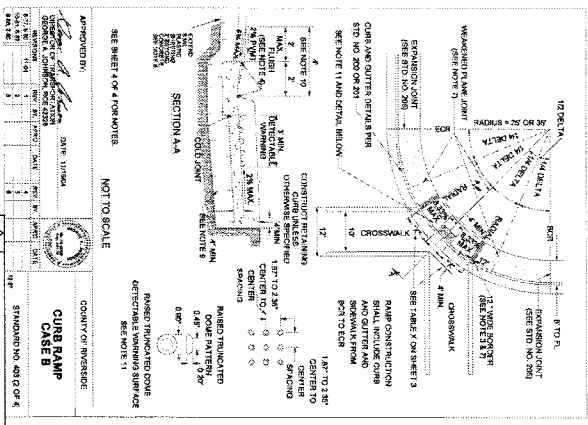
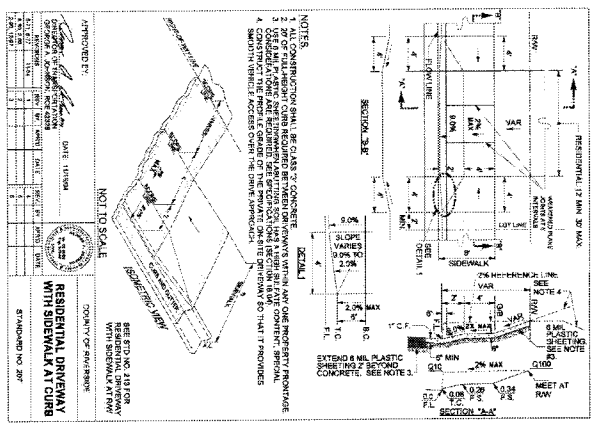
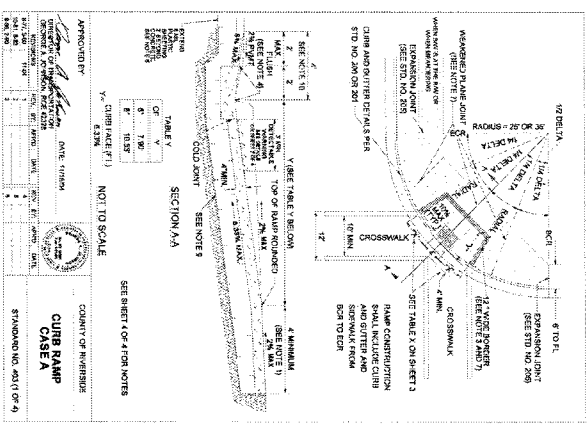
NO.	REVISIONS	BY	DATE
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

PREPARED BY
 PREPARED UNDER THE SUPERVISION OF:

 EDWARD M. ENGEL
 PROJECT MANAGER
 1710 BREWSTER AVENUE, STE 218
 COLORADO, CO 80501
 DATE: 07/10/2018

REFERENCE STANDARD PLANS SHEET NO.
 TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 TEMESCAL VALLEY WATER DISTRICT
 COUNTY FILE NO. 965-XX

DATE PLOTTED => 07/10/2018
 TIME PLOTTED => 10:00 AM



NOTE: SEE "STATE FUNDED PROJECT ACCESSIBILITY NOTES" ON SHEET 1-1 FOR UPDATED MAXIMUM SLOPE CRITERIA

PREPARED BY

LEAH D. JACOBSON
REGISTERED PROFESSIONAL ENGINEER
NO. 45187
CORONA, IN 46705

EDWARD J. WANN
REGISTERED PROFESSIONAL ENGINEER
NO. 62078
CORONA, IN 46705

07/10/2018 DATE

4110 CHESTNUT RD, STE 218
CORONA, IN 46705

WO CG-0066

COUNTY FILE NO. 965-XX

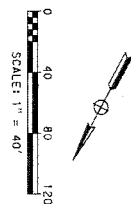
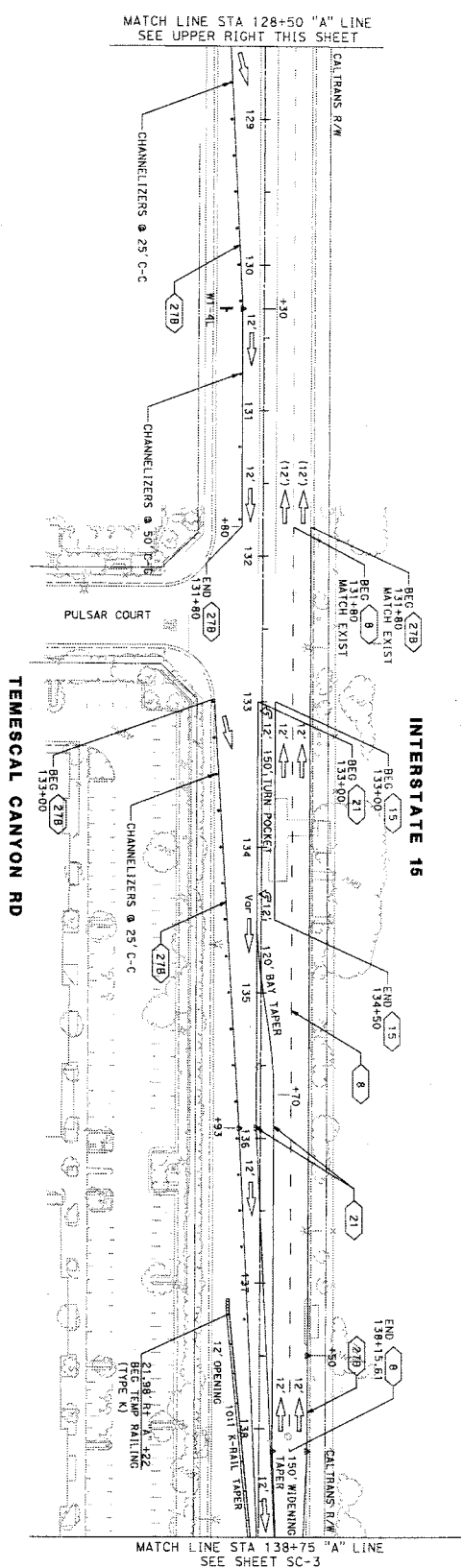
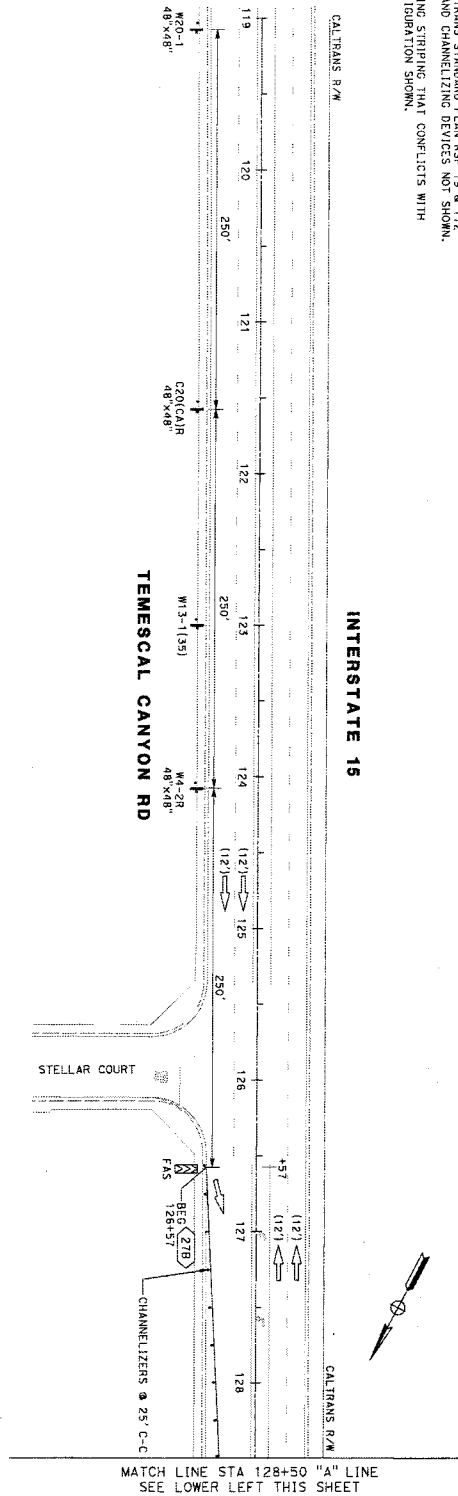
REFERENCE STANDARD PLANS SHEET NO.

TEMESCAL CANYON RD
DOS LAGOS DR TO LEROY RD
RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT

SHEET 72 OF 73

DATE PLOTTED => DATE
TIME PLOTTED => TIME

- NOTES:
1. REFER TO CALTRANS STANDARD PLAN RSP '9 & T12 FOR DETAILS AND CHANNELLIZING DEVICES NOT SHOWN.
 2. REMOVE EXISTING STRIPING THAT CONFLICTS WITH STRIPING CONFIGURATION SHOWN.



APPROVED FOR STAGE CONSTRUCTION WORK ONLY
 CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS

NO.	DESCRIPTION	DATE

PREPARED BY
 PREPARED UNDER THE SUPERVISION OF
 Michael A. R. [Signature]
 PROJECT ENGINEER
 4740 GREEN ALLEY RD, SIE 218
 CORONA, CA 92709
 DATE 08/09/2018

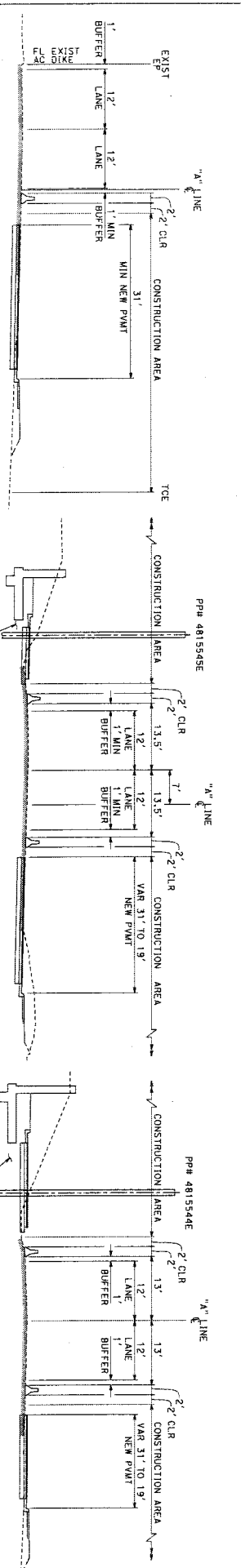
STAGE 1A AND 1B
STAGE CONSTRUCTION
TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 "A" LINE STA 119+00
 TO 138+75

SHEET NO.
SC-2
 SHEET 02 OF 14

BORDER LAST REVISED 01/21/2015

WO 06-0066

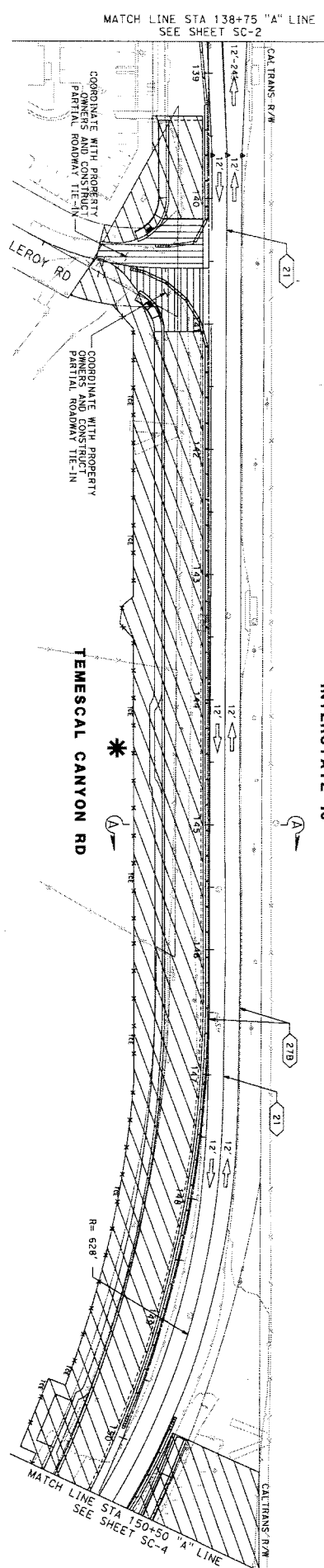
COUNTY SHEET NO. 965-XX



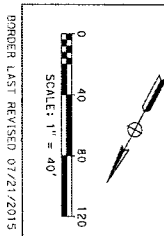
SECTION A-A
145+00

SECTION B-B
151+20.75
(SEE SHEET SC-4)

SECTION C-C
152+50.50
(SEE SHEET SC-4)



LEGEND:
* MAINTENANCE OF ACCESS NOT REQUIRED FOR THIS DRIVEWAY



APPROVED FOR STAGE CONSTRUCTION WORK ONLY
CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS

MARK	REVISIONS	BY	APPR.	DATE

NEW SHEET - STAGE CONSTRUCTION	NIM	ADDENDUM 3	8/16/2018
PREPARED BY			
 M. J. R. R. PROJECT ENGINEER 4710 BRYEN AVENUE, SUITE 218 CORONA, CA 92709			
PREPARED UNDER THE SUPERVISION OF:			
DOS LAGOS DR TO LEROY RD "A" LINE STA 138+75 TO 150+50			
STAGE CONSTRUCTION			
TEMESCAL CANYON RD			
SHEET NO.			
SC-3			
SHEET 03 OF 14			

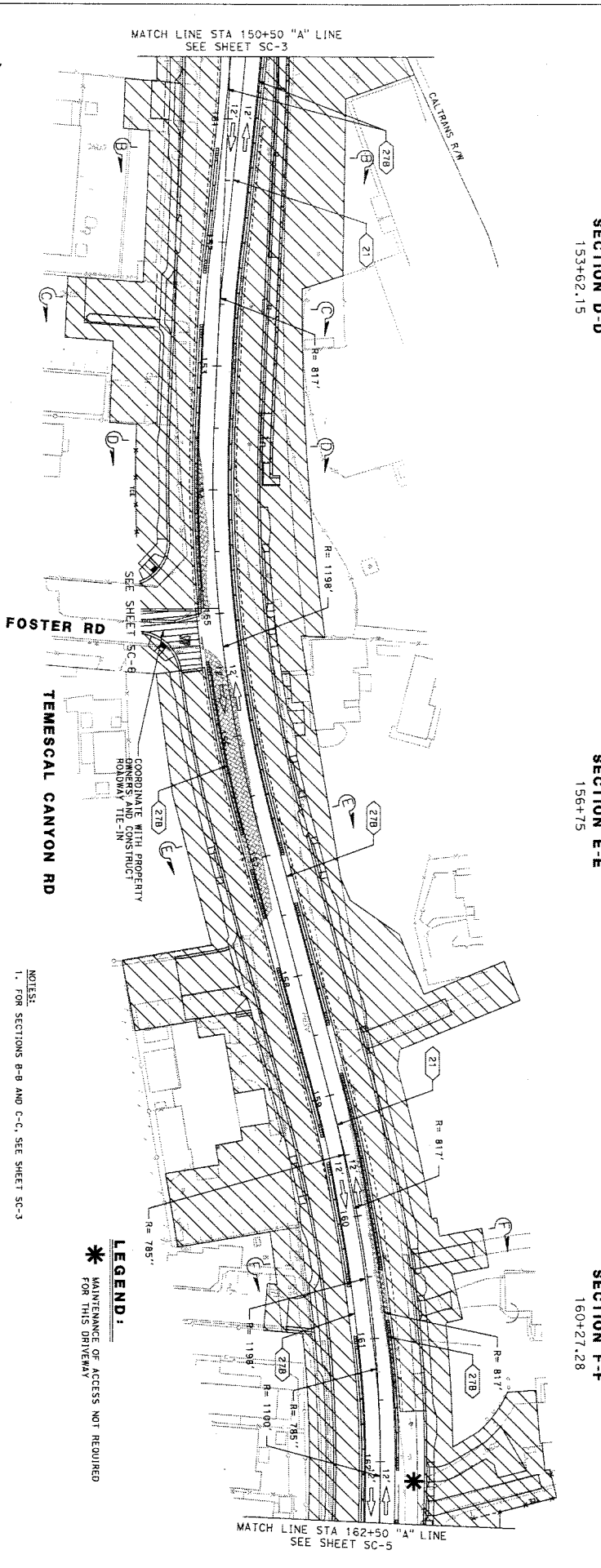
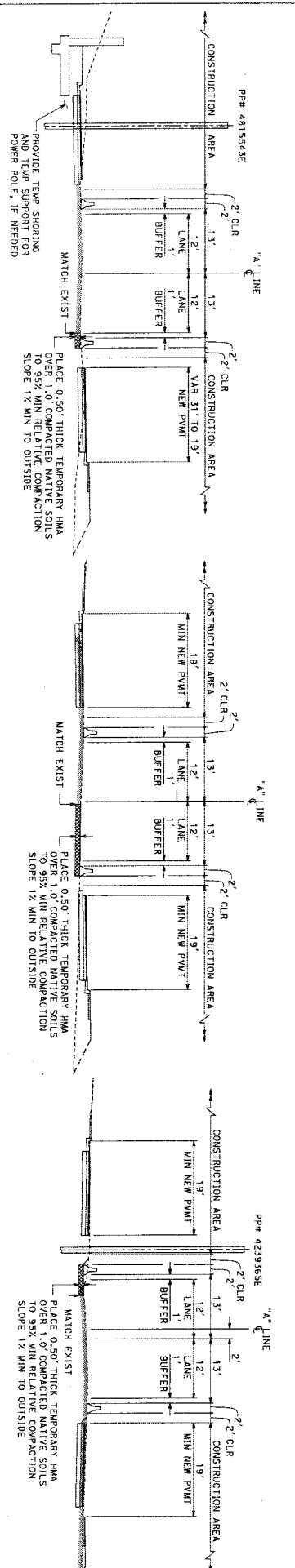
ORDER LAST REVISED 07/21/2015

NON FILE -> CE-0066 SR-1-411 1-dgp

WD CG-0066

COUNTY FILE NO. 965-XX

LAST REVISION: 00-00-00
DATE PLOTTED => 9/18/2018
TIME PLOTTED => 10:17:16 AM



APPROVED FOR STAGE CONSTRUCTION WORK ONLY
 CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS

0 40 80 120
 SCALE: 1" = 40'

BORDER LAST REVISED 07/21/2015

NEW SHEET - STAGE CONSTRUCTION	NO. 1	ADDENDUM	8/18/2018
REVISIONS	BY	APPR.	DATE

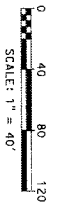
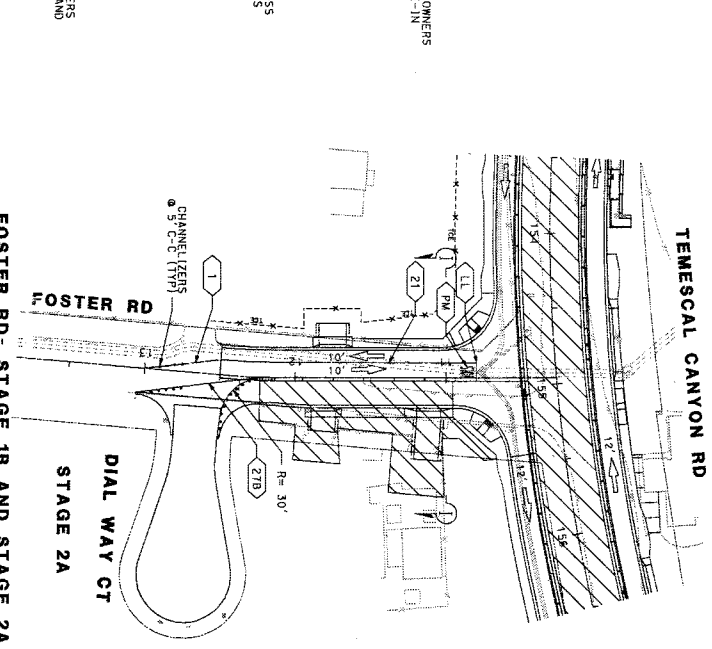
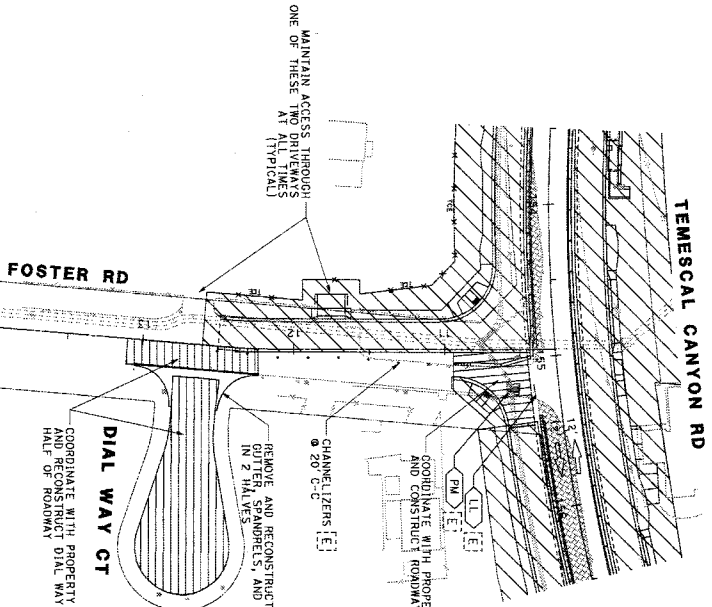
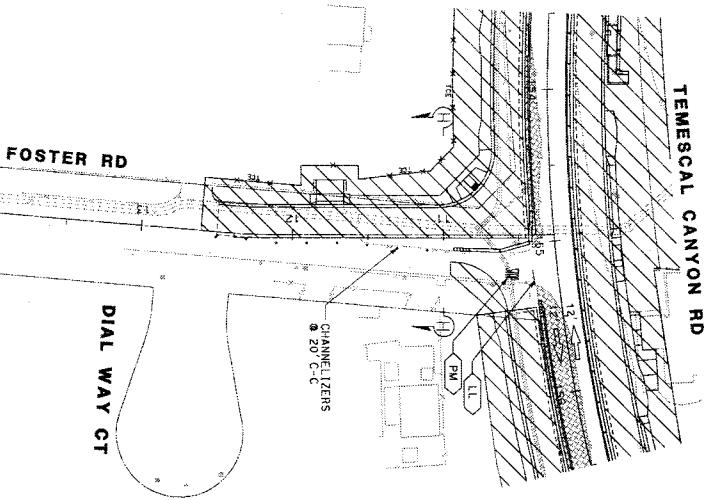
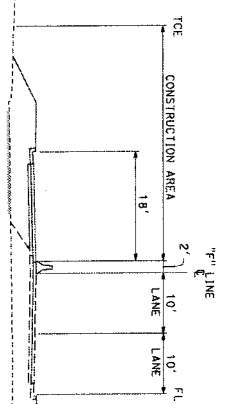
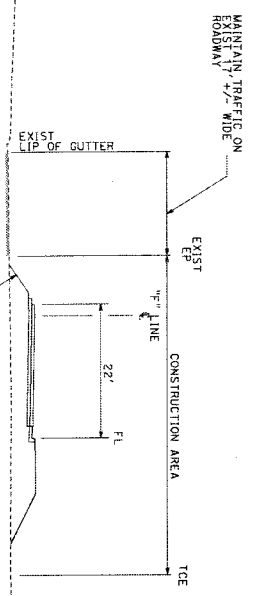
PREPARED BY
 PREPARED UNDER THE SUPERVISION OF
 PROJECT ENGINEER
 DATE

STAGE 1A AND 1B
 STAGE CONSTRUCTION
 TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 "A" LINE STA 150+50
 TO 162+50

SHEET NO. SC-4
 SHEET 04 OF 14

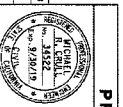
DATE PLOTTED => 8/18/2018
 TIME PLOTTED => 10:17:18 AM

ISSUED BY ADDENDUM No. 3, ATTACHMENT "G"



APPROVED FOR STAGE CONSTRUCTION WORK ONLY
CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS

MARK	DESCRIPTION	BY	DATE
Δ	NEW SHEET - STAGE CONSTRUCTION	HOWARD ANDREWS	8/16/2018
	REVISIONS		

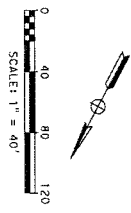
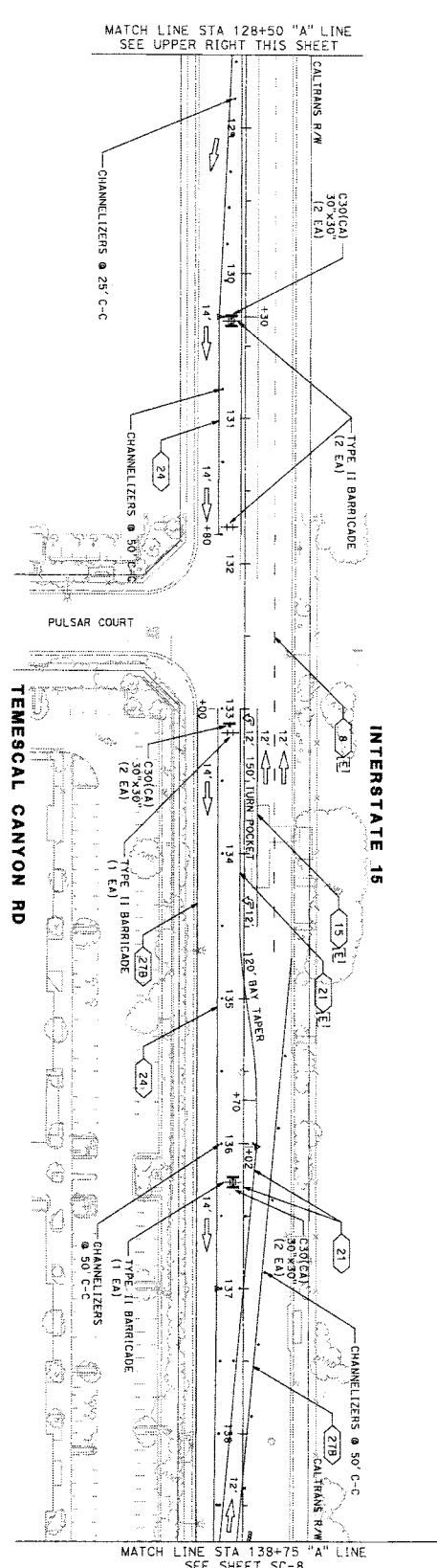
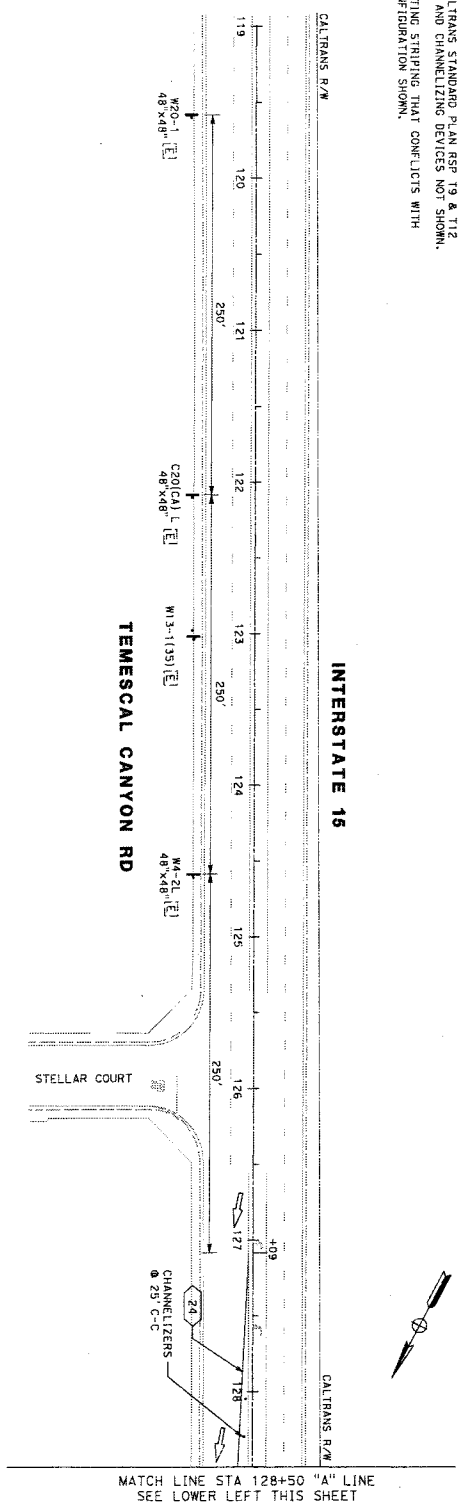


PREPARED BY
MICHAEL R. DAVIS
PROJECT ENGINEER
4110 SHEFFER AVENUE, SUITE 218
COSTA MESA, CA 92626
DATE: 08/28/2018

PREPARED UNDER THE SUPERVISION OF
STAGE CONSTRUCTION
TEMESCAL CANYON RD
DOS LACOS DR TO LEROY RD
FOSTER ROAD & DIAL WAY CT

WO CG-0066
COUNTY No. 965-XX
SHEET No. SC-6
OF 14

- NOTES:
1. REFER TO CALTRANS STANDARD PLAN RSP T9 & T12 FOR DETAILS AND CHANNELIZING DEVICES NOT SHOWN.
 2. REMOVE EXISTING STRIPING THAT CONFLICTS WITH STRIPING CONFIGURATION SHOWN.



APPROVED FOR STAGE CONSTRUCTION WORK ONLY
 CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS

MARK	REVISIONS	BY	DATE

PREPARED BY

PREPARED UNDER THE SUPERVISION OF:

M. J. R. Paul
 PROJECT ENGINEER
 4140 GREEN RIVER RD, STE 218
 CORONA, CA 92703
 95/288/0100
 09/28/2018

STAGE 2A

STAGE CONSTRUCTION

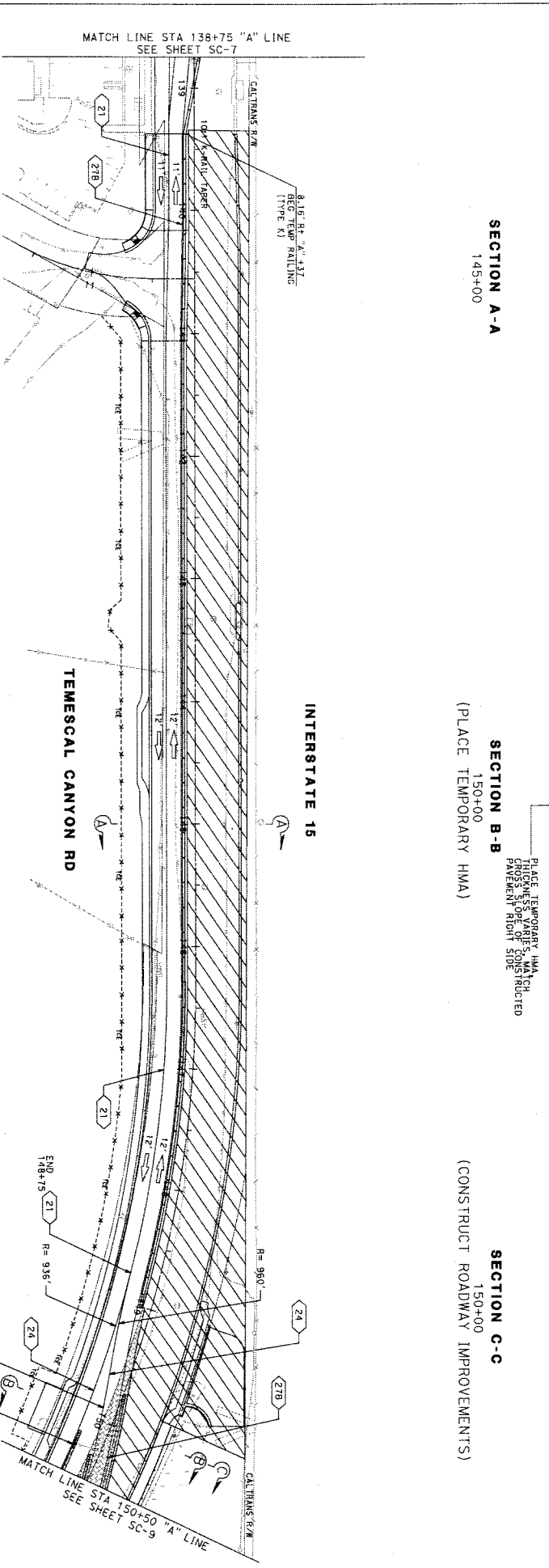
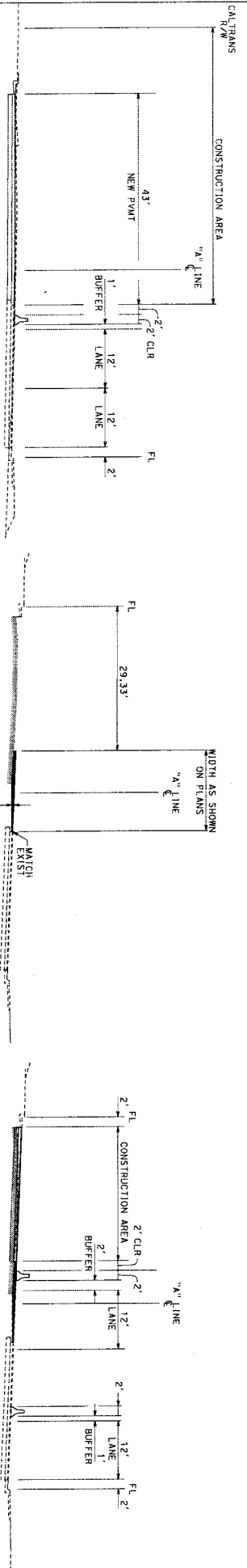
SHEET No. SC-7

TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 "A" LINE STA 119+00
 TO 138+75

WO CG-0066

COUNTY FILE No. 965-XX

BORDER LAST REVISED 07/21/2015



APPROVED FOR STAGE CONSTRUCTION WORK ONLY
CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL PLANS

SCALE 1" = 40'

0 40 80 120

BORDER LAST REVISED 07/21/2013

NEW SHEET - STAGE CONSTRUCTION	NO. 1	ADAMS'S 9/16/2018
REVISIONS	BY	DATE

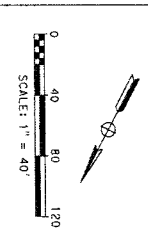
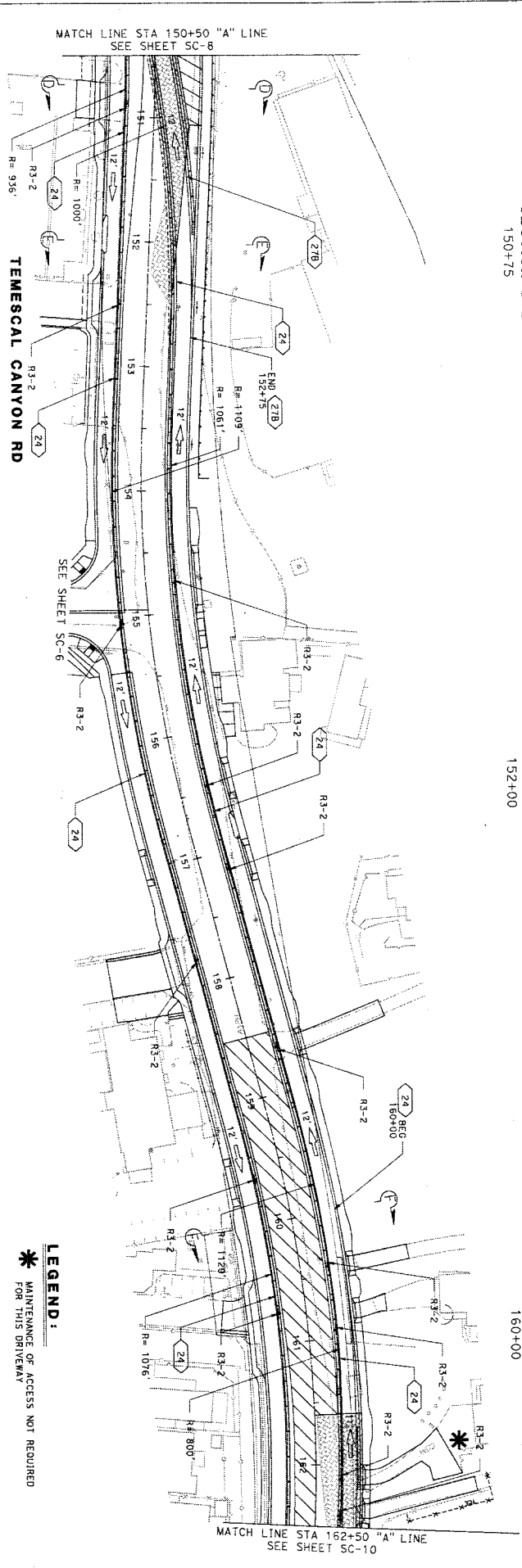
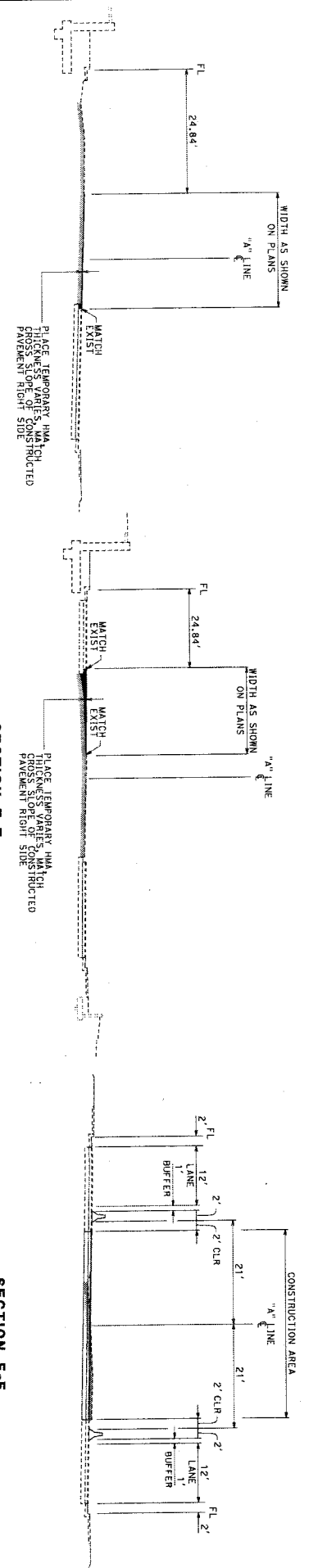
PREPARED BY
MICHIGAN ROAD & RAIL ENGINEERS
4140 GREEN RIVER RD, STE 218
CORONA, CA 92880

STAGE CONSTRUCTION
STAGE 2A
TEMESCAL CANYON RD
DOS LAGOS DR TO LEROY RD
"A" LINE STA 138+75 TO 150+50

SHEET NO.
SC-8
08 of 14

DATE PLOTTED => 8/16/2018
TIME PLOTTED => 10:17:25 AM

ISSUED BY ADDENDUM No. 3, ATTACHMENT "G"



APPROVED FOR STAGE CONSTRUCTION WORK ONLY
 CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS

NO.	DATE	BY	APPR.	DATE

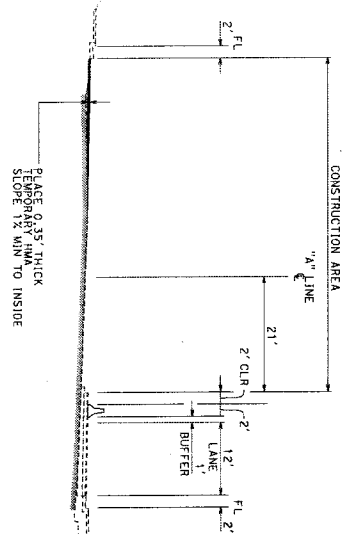
PREPARED BY
 PREPARED UNDER THE SUPERVISION OF:
 M. J. ...
 PROJECT ENGINEER
 4600 BEECH RIVER RD, STE 218
 CORDONA, CA 92030

STAGE CONSTRUCTION
 TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 "A" LINE STA 150+50
 TO 162+50

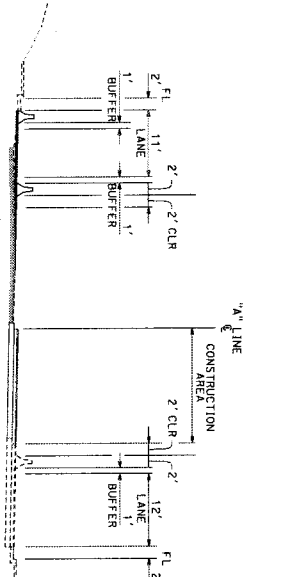
SHEET NO.
 SC-9
 09.14

LEGEND:
 * MAINTENANCE OF ACCESS NOT REQUIRED FOR THIS DRIVEWAY

BORDER LAST REVISION 07/21/2015
 DATE PLOTTED -> 8/16/2018
 TIME PLOTTED -> 10:11:27 AM
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 USER: C:\N\0965-SC-9.A11.3.dgn
 DON FILE -> SC-965-SC-9.A11.3.dgn

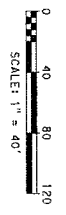
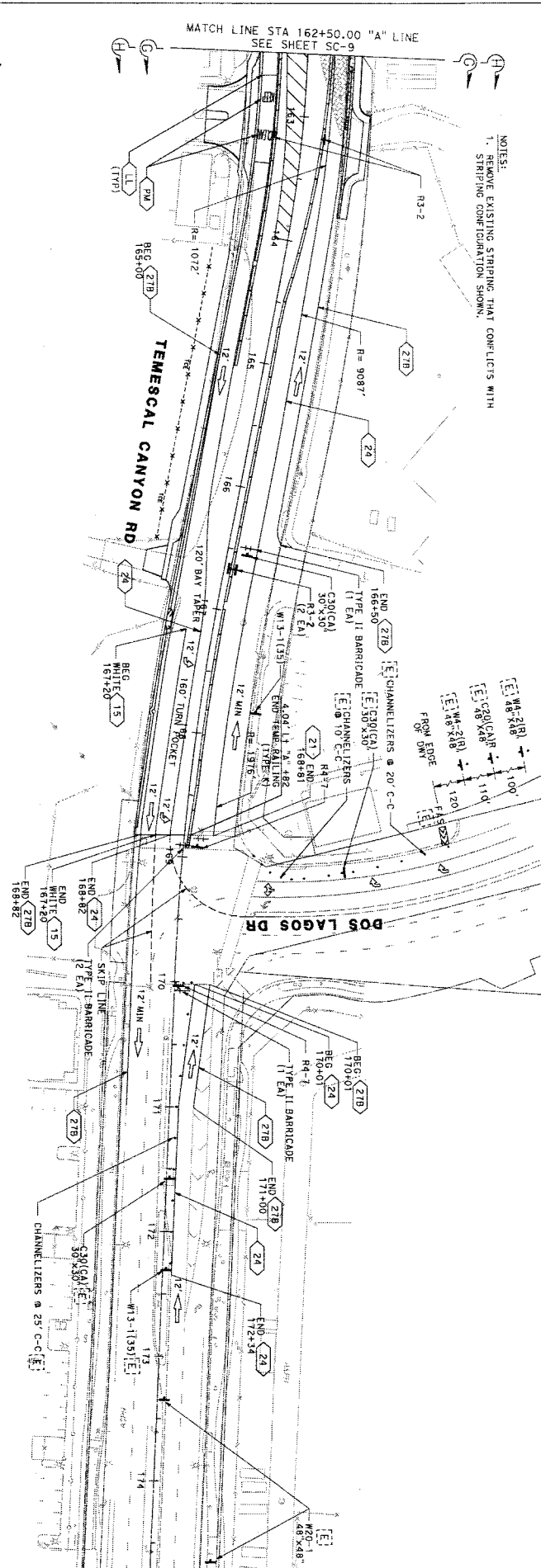


162+50
 (PLACE TEMPORARY HMA)



162+50
 (CONSTRUCT NEW PAVEMENT
 FOR TRAFFIC SHIFT)

NOTES:
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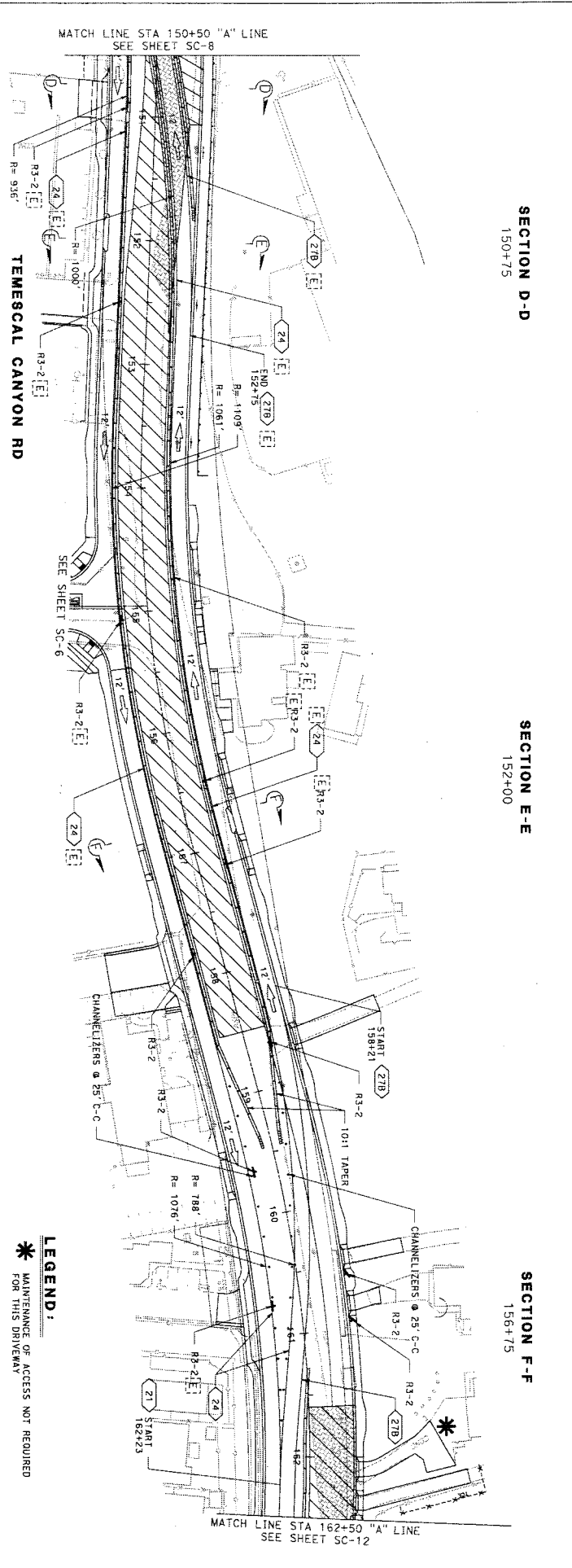
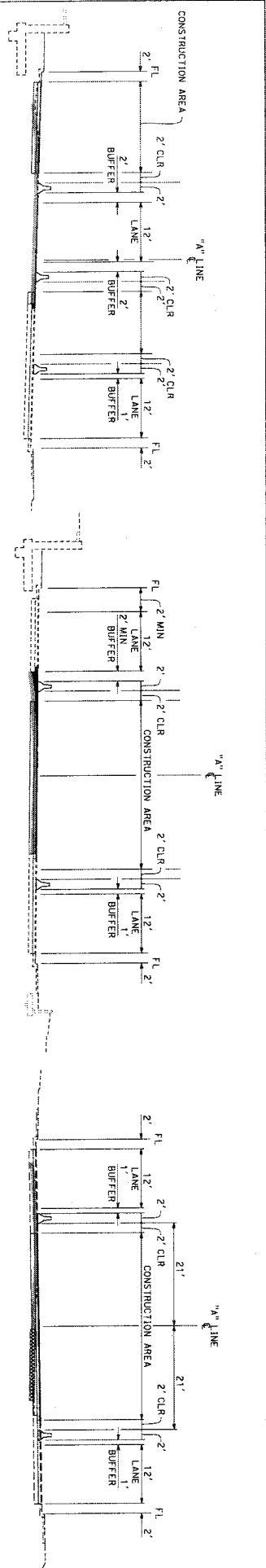


APPROVED FOR STAGE CONSTRUCTION WORK ONLY
 CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS

BORDER LAST REVISED 01/21/2015

NEW SHEET - STAGE CONSTRUCTION	NCA	ADDENDUM 3	2/18/2018
PREPARED BY	M. J. G. & P. J. G.		
PROJECT ENGINEER	M. J. G.		
DATE	08/20/2018		
BY	APPR.		
DATE			
REVISIONS			
MARK			

STAGE 2A	SHEET NO.
STAGE CONSTRUCTION	SC-10
TEMESCAL CANYON RD	10 of 14
DOS LAGOS DR TO LEROY RD	
"A" LINE STA 162+50.00	
TO 174+10.64	
COUNTY	965-XX
FILE NO.	



0 40 80 120
SCALE: 1" = 40'

APPROVED FOR STAGE CONSTRUCTION WORK ONLY
CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS

BORDER LAST REVISED 07/21/2015

MARK	REVISIONS	BY	APPR.	DATE
Δ	NEW SHEET - STAGE CONSTRUCTION			

PREPARED BY: **M. J. King & Co.**
 PROJECT ENGINEER: **M. J. King**
 DATE: **09/28/2018**

PREPARED UNDER THE SUPERVISION OF:
NEW ENGINEERING
 PROJECT ENGINEER: **NEW ENGINEERING**
 1800 S. 1000 E. RD. STE 218
 CORDON, CA 92388

USERNAME: **NEW** DON FILE # **CG-0066 SC-11A-1** 3:59P

WO CG-0066

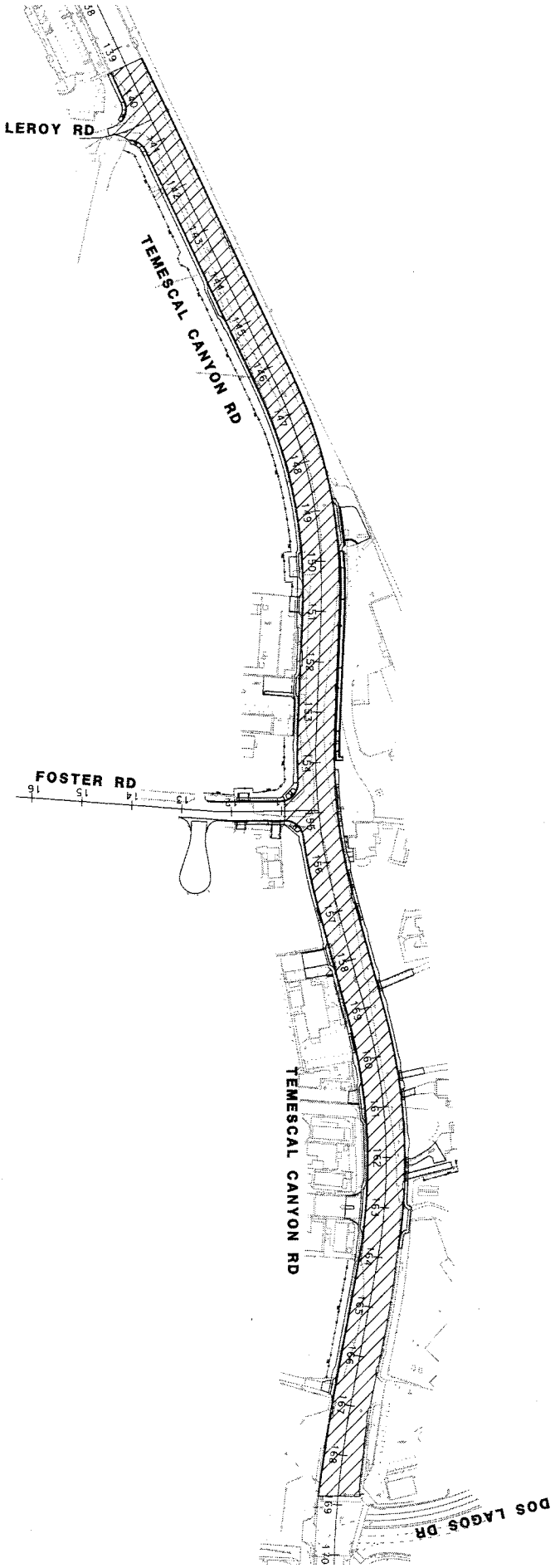
COUNTY FILE NO. **965-XX**

STAGE 2B
 STAGE CONSTRUCTION
 TEMESGAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 "A" LINE STA 150+50
 TO 162+50

SHEET NO. **SC-11**
 OF 14


DATE PLOTTED => 8/16/2018
 TIME PLOTTED => 10:17:20 AM

NOTES:
 1. COMMENCE STAGE 3 AFTER COMPLETION OF ALL ITEMS OF WORK IN ALL PREVIOUS STAGES.



APPROVED FOR STAGE CONSTRUCTION WORK ONLY
 CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS

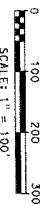
MARK	NEW SHEET - STAGE CONSTRUCTION	NO. & ADDENDUM	DATE
			9/16/2018

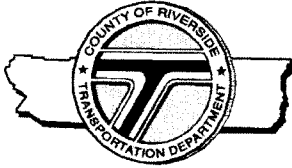
PREPARED BY
 PREPARED UNDER THE SUPERVISION OF:

 Michael R. Paul
 PROJECT ENGINEER
 4740 BREWER BLVD. RD. STE 218
 CORONA, CA 92730

STAGE CONSTRUCTION
 TEMESCAL CANYON RD
 DOS LAGOS DR TO LEROY RD
 "A" LINE STA 139+37.31
 TO 168+85.91

SHEET NO.
 SC-14
 SHEET 14 OF 314

BONNER LAST REVISED 9/27/2015





Patricia Romo, P.E.
Director of Transportation

COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY

Mojahed Salama, P.E.
Deputy for Transportation/Capital Projects
Richard Lantis, P.L.S.
Deputy for Transportation/Planning and
Development

Transportation Department

ADDENDUM NUMBER 4

Dated August 24, 2018

to the

for the construction of

Temescal Canyon Road Widening Projects
Dawson Canyon Road to 0.7 Mile North
Dos Lagos Drive to Leroy Road, and

Temescal Canyon Road Slurry Seal Project
0.7 Miles North of Dawson Canyon Road to Leroy Road
Project No. C5-0072, C6-0066
State Project No. LPPSB1L-5956(267); and

Temescal Canyon Road Drainage Improvement Project
At Coldwater Creek
Project No. B9-0988

In the Community of Temescal Valley

Bids Due: (Revised)
Wednesday, September 5, 2018; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, September 5, 2018; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

Item 2: Bird Protection. Refer to Section 14-6.03B(1), "Bird Protection," of the special provisions (pages 41 through 42).

All references to the nesting bird season shall be changed to: **February 1st to September 1st**

MODIFICATIONS / CLARIFICATIONS TO SUPPLEMENTAL PROJECT INFORMATION

Item 3: Supplemental Project Information Modification: Refer to "Supplemental Project Information" documents made available at the County of Riverside website. Updated versions of the following documents supersede originally posted documents:

- Tree Removal Plan

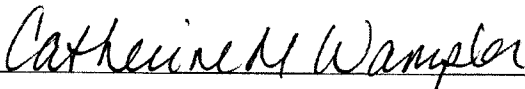
Remove the note at the top of both sheets 1 and 2 of Tree Removal Exhibit and insert the following note:

Note to Contractor: This exhibit is provided for general information only. The Contractor is responsible for examining existing field conditions, for referring to the Street Improvement Plans for notes to remove or save trees, and for determining the extent of work, including associated costs, for removing trees at ground level under the "Tree Removal" item of work. Removal of the remaining portions of trees beneath ground level (roots) will be included under the "Clearing and Grubbing" item of work.

Item 4: Clarification - Additional Modifications / Clarifications to Special Provisions:

It is anticipated that additional modifications to the Special Provisions will be issued by a subsequent Addendum.

Recommended by:



Catherine M. Wampler, PE
County Project Manager, Temescal Canyon Road Widening Projects

Concurrence:



Khalid Nasim, PE
Engineering Division Manager

Acknowledged: _____ **Date:** _____
(Contractor)

JRJ:jrj:rr

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).



Patricia Romo, P.E.
Director of Transportation

COUNTY OF RIVERSIDE

TRANSPORTATION AND LAND MANAGEMENT AGENCY

Mojahed Salama, P.E.
Deputy for Transportation/Capital Projects
Richard Lantis, P.L.S.
Deputy for Transportation/Planning and
Development

Transportation Department

ADDENDUM NUMBER 5

Dated August 29 2018

to the

Specifications and Contract Documents
for the construction of

Temescal Canyon Road Widening Projects
Dawson Canyon Road to 0.7 Mile North
Dos Lagos Drive to Leroy Road, and

Temescal Canyon Road Slurry Seal Project
0.7 Miles North of Dawson Canyon Road to Leroy Road
Project No. C5-0072, C6-0066
State Project No. LPPSB1L-5956(267); and

Temescal Canyon Road Drainage Improvement Project
At Coldwater Creek
Project No. B9-0988
In the Community of Temescal Valley

Bids Due: Wednesday, September 5, 2018; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Bid (Proposal). Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: Revised Proposal. Refer to "Proposal" pages B2-B8 and "Revised Proposal" Attachment "A" of Addendum No 3. Delete and replace "Proposal" (pages B2-B8) and "Revised Proposal" as issued by Addendum No. 3 with "Proposal (Revised)" attached herewith as **Attachment "A"**. The following changes have been made to the Proposal:

Note: Revisions made to the proposal are written with red font / red numbers.

a. The following bid items have been deleted from Base Bid Schedule 1:

- Item 34A - TREE REMOVAL
- Item 38 - RELOCATE BACKFLOW PREVENTER ASSEMBLY [2"]
- Item 39 - RELOCATE BACKFLOW PREVENTER ASSEMBLY [8"]
- Item 50 - RELOCATE 4" PIPE [ON DAWSON SEGMENT]

3525 14th Street · Riverside, CA 92501 · (951) 955-6800
FAX (951) 955-3164

- b. The following bid item has been added to Alternate Bid Schedule C:
Item 136A – Support Existing Utilities
- c. The following bid item has been added to a new Alternate Bid Schedule F:
Item 143A - Tree Removal
- d. The item description has been revised for the following bid items:
Items 116, 120, 121, 122, 123, 124, 125, 126 and 127

Item 2: Time of Completion. Refer to Section 00-1.03 "Time of Completion," of the special provisions (page 2) as revised by Addendum No. 3, Item 3 (page 2).

Add to the section pertaining to Alternate Bid Schedules (A through E):

- **Alternate Bid Schedule F - Tree Removal (Dawson Canyon and Dos Lagos Segments):**
0 Working Days

Item 3: Modified Hours of Work. Refer to Section 00-1.03(A), "Modified Hours of Work," of the special provisions (pages 3 and 4), the following modifications supersede previous modifications made by Addendum No. 3, Item 4 (page 3).

Replace the entire section with the following:

MODIFIED HOURS OF WORK

Contractor is authorized to work evenings and weekends, except as otherwise stated below. Contractor shall provide a 7-day advance notice to the Engineer for evening and weekend work in order for the Engineer to schedule County staff to be present at the work site.

Night work in the vicinity of the residential areas designated below is prohibited from 10:00pm to 7:00am Monday through Sunday, unless otherwise approved by the Engineer.

1. Temescal Canyon Road from 100 feet south of Leroy Road to 300 feet north of Leroy Road
2. Temescal Canyon Road from 300 feet south of Foster Road to 500 feet north of Dos Lagos Drive
3. Leroy Road in its entirety
4. Foster Road in its entirety
5. Dial Way Court in its entirety
6. Dos Lagos Drive in its entirety

As an exception to the above restriction on night work in residential areas, Contractor will be allowed ten (10) night shifts for waterline work in these areas.

A minimum of one travel lane shall be maintained in each direction throughout the duration of the construction of the project, except as stated below.

Lane closures that would reduce the road to one travel lane with one-way flag control will be permitted, except during Monday through Friday peak commuting hours from 4:30am to 9:00am and from 4:00pm to 6:00pm. The Engineer may, upon his/her sole discretion, direct Contractor to discontinue a lane closure and reopen the road to one lane in each direction, if there

is a severe backup of traffic -- for instance, a traffic incident on Interstate 15 that causes traffic to divert onto Temescal Canyon Road.

Furthermore, since the Interstate 15 / Temescal Canyon Road corridor is critical for regional commuters, especially during the morning, Contractor shall not perform "traffic impacting operations" between the hours of 4:30am and 9:00am Monday through Friday. "Traffic impacting operations" include any activity performed by the Contractor, subcontractors, or material suppliers that would impact the flow of traffic, including but not limited to the arrival or departure of construction equipment, material delivery vehicles, hauling, or excessive movement of personal vehicles of said entities' employees. Contractor may perform work behind K-rail to the extent that the Contractor's operations do not impact traffic. The determination as to whether an activity is a "traffic impacting operation" shall be exclusively made by the Engineer. At the request of the Engineer, the Contractor shall provide a Contingency Plan specific for the operation.

Full road closures are permitted between 10:00pm and 4:30am Monday through Sunday, with the exception of that segment of roadway between Dos Lagos Drive and Foster Road (including the Foster Road intersection), which must remain open for businesses with nighttime operating hours. In order to distribute information to the public and coordinate with Caltrans, Contractor shall give Engineer at least 15 days' notice prior to full closure of any roads.

Any request for daytime road closure is subject to prior approval by the County's Engineer and, as applicable, by Caltrans.

For the construction of the Drainage Project, the County will allow a maximum of sixteen (16) calendar days of full road closure on Temescal Canyon Road from Glen Ivy Road to Trilogy Parkway during the period between July 13, 2019 and August 11, 2019 only. The Contractor will be permitted to close Temescal Canyon Road beginning on a Saturday morning at 6:00 A.M. and must reopen sixteen (16) days later by 10:00 P.M., Sunday. There are significant liquidated damages for exceeding the maximum number of closure days and date range. The County has pre-ordered the precast reinforced concrete box (RCB) culverts, which are located at a County yard. The Contractor shall transport the RCB culverts to the job site.

Traffic control signage or devices to be placed within state freeway right-of-way will require the Contractor to apply for and obtain an encroachment permit from State of California Department of Transportation.

The opportunity to work extended hours on evenings and weekends may be restricted on occasion due to traffic needs related to other projects and events, such as the Interstate 15/Cajalco Road Interchange construction project and the Interstate 15 Express Lane construction project. The Contractor shall cooperate with the proponents of the other projects to develop compatible work schedules.

Work on County holidays, and weekends associated with said holidays, shall not be permitted in order to minimize impacts to residents and travelers. Exceptions to this requirement shall be granted at the sole discretion of the Engineer.

Although the County has provided the Contractor with an opportunity to work extended hours, the Contractor shall not be entitled to reimbursement for extra costs associated with performing work outside conventional business hours, including but not limited to overtime rates associated with night, weekend, or holiday work.

The shut down for the 42" EVMWD waterline is allowed only during a single two-week period either between November 26, 2018 and December 20, 2018 or between January 8, 2019 and January 31, 2019, in accordance with EVMWD special provisions Section 3.1 Sequence of Work.

- Item 4: Utility Relocation and Contractor-Arranged Time for the Relocation.** Refer to Section 5-1.36C(3), "Non-highway Facility Rearrangement," of the special provisions (pages 23 and 24) and revision per Addendum No. 3, Item 9 (page 5).

Delete the 'Utility Relocation and Contractor-Arranged Time for the Relocation' table on page 24, and table issued by Addendum No. 3, Attachment "B", and replace them with the table attached herewith as **Attachment "C"** and made a part hereby.

- Item 5: Removal of Existing Temporary Railing (Type K).** Refer to Section 17 GENERAL, "Add to section 17-2.01, General, CLEARING AND GRUBBING" of the special provisions (page 43).

Add a sixth item below the first paragraph:

6. Temporary Railing (Type K) located on the east side of Temescal Canyon Road from approximately stations 91+00 to 95+00.

- Item 6: Tree Removal.** Refer to Section 17-3, "Tree Removal," of the special provisions as added by Addendum No. 3, Item 13 (page 6).

Delete the first paragraph and replace it with the following paragraph:

Contractor shall remove trees to ~~within twelve inches above ground level in areas required to be Cleared and Grubbed~~ ground level as identified on the Street Improvement Plans, in accordance with Section 17-2, except those trees identified to be protected in place.

Delete the fifth paragraph and replace it with the following paragraph:

Any tree or bush removal or trimming between February 1st and ~~September 15th~~ September 1st will require a preconstruction survey for nesting birds. The Contractor shall schedule accordingly. Refer to Section 14-6.03B, "Bird Protection," of these Special Provisions.

Delete the sixth paragraph and replace it with the following paragraph:

Payment:

Full compensation, except as otherwise provided herein, for conforming to the requirements of this article including all labor, equipment, materials and incidentals, for performing tree removal ~~to two-feet above~~ at ground level including but not limited to the removal, relocation, adjustment, maintenance and disposal of items listed in this section, and for complying with all environmental regulatory permits and requirements, shall be considered as included in the contract price paid per lump sum for Tree Removal and no additional compensation will be allowed therefor.

- Item 7: EVMWD Sequence of Work.** Refer to Part 3 – Execution, Section 3.1, "Sequence of Work," of the Elsinore Valley Municipal Water District (EVMWD) Special Provisions (page 5 of 30) incorporated by Addendum No. 3, Attachment D.

Delete the first paragraph and replace it with the following paragraphs.

- A. **The shut down for the relocation of the 42-inch TVP pipeline is allowed only during a single two-week period either between November 26, 2018 and December 20, 2018 or between January 8, 2019 and February 15, 2019.** The Contractor shall execute the relocation work within ten (10) working days from when the two existing 42-inch butterfly valves are shut

to when the 42-inch waterline is complete, in its entirety, reenergized, online, and accepted by EVMWD. **No exceptions or extensions to the ten working (10) days shall be allowed.**

- Item 8: City of Corona Work to be Done.** Refer to Section 2, "Scope of Work," Subsection 2-6, "Work to Be Done," of the City of Corona and TVWD Special Provisions (page 3 of 60) incorporated by Addendum No. 3, Attachment C.

Delete the second and third paragraphs of Subsection 2-6, "Work to Be Done," and replace them with the following paragraphs:

The Contractor will be allowed one (1) fourteen (14) calendar day shutdown of the 18-inch waterline to complete all work at Location No. 1, Location No. 2 and work related to the transfer of water services to TVWD including de-watering, excavation and backfill, installation of 18-inch DIP waterline, installation of casing, blow-offs and combination air and vacuum release assemblies, testing and disinfection to place the waterline fully operational back in service, beginning on a Thursday at 1800 hours to the second consecutive Thursday at 1800 hours.

The Contractor shall schedule and complete the removal of existing water valves, installing blind flanges and other incidental work related to the installation of the Pressure Reducing Stations and transfer of fire and water services on the City of Corona Department of Water and Power's 18-inch waterline required for the transfer of service to Temescal Valley Water District during this fourteen (14) calendar day shutdown.

- Item 9: City of Corona Work to be Done.** Refer to Section 306-8.9.4.3, "Potable Water System Disinfection Procedures," of the City of Corona and TVWD Special Provisions (page 48 of 60) incorporated by Addendum No. 3, Attachment C.

Delete the second paragraph of Section 306-8.9.4.3, "Potable Water System Disinfection Procedures," and replace it with the following paragraph:

Preliminary and final flushing shall be performed on mains, which have been hydrostatically tested in accordance with these Special Provisions and the Flushing and Disinfection Plan attached hereto as Appendix A.

- Item 10: City of Corona Work to be Done.** Refer to Appendix A "Flushing and Disinfection Plan" (pages 1 through 5, plan exhibits UD-1 and UD-2, and Exhibit B) of the City of Corona and TVWD Special Provisions incorporated by Addendum No. 3, Attachment C.

Delete Appendix A and replace it with the following Appendix A (pages 1 through 5, Exhibit A - Pipeline 1, Exhibit A -Pipeline 2, and Exhibit B) attached herewith as **Attachment "B"**.

- Item 11: Liquidated Damages.** Refer to Section 00-1.04 "Liquidated Damages" of the special provisions (page 4).

Under the heading "Additional Liquidated Damages," add the following:

City of Corona - 18" Waterline Relocation (Locations 1 and 2)

In addition to the Liquidated Damages set forth above, if the Contractor fails to restore to service the City of Corona 18" Waterline (both Locations 1 and 2 together) within the fourteen (14) calendar day maximum waterline shutdown duration specified in Section 2-6, Work To Be Done, of the City of Corona and TVWD Special Provisions provided as Attachment "C" by Addendum No. 3, then the County will

deduct **\$2,200** per day for each and every calendar day's delay from moneys due or that may become due to the Contractor under the contract.

Temescal Valley Water District - 20" Waterline Relocation (Location 3)

In addition to the Liquidated Damages set forth above, if the Contractor fails to restore to service the Temescal Valley Water District 20" Waterline (Location 3) within the thirty-five (35) hour maximum waterline shutdown duration specified in Section 2-6, Work To Be Done, of the City of Corona and TVWD Special Provisions provided as Attachment "C" by Addendum No. 3, then the County will deduct **\$2,500** per day for each and every calendar day's delay from moneys due or that may become due to the Contractor under the contract.

Temescal Valley Water District - 14" Waterline Relocation (Location 4)

In addition to the Liquidated Damages set forth above, if the Contractor fails to restore to service the Temescal Valley Water District 14" Waterline (Location 4) within the fifty-nine (59) hour maximum waterline shutdown duration specified in Section 2-6, Work To Be Done, of the City of Corona and TVWD Special Provisions provided as Attachment "C" by Addendum No. 3, then the County will deduct **\$1,100** per day for each and every calendar day's delay from moneys due or that may become due to the Contractor under the contract.

Elsinore Valley Municipal Water District - 42" Waterline Relocation

In addition to the Liquidated Damages set forth above, if the Contractor fails to restore to service the Elsinore Valley Municipal Water District 42" Waterline within the ten (10) working day maximum waterline shutdown duration specified in Section 3.1, Sequence of Work, of the EVMWD Special Provisions provided as Attachment "D" by Addendum No. 3, as amended herein by Item 7 of Addendum No. 5, then the County will deduct **\$3,250** per day for each and every calendar day's delay from moneys due or that may become due to the Contractor under the contract.

MODIFICATIONS / CLARIFICATIONS TO PLANS

Item 12: Temescal Canyon Road Widening - Dos Lagos Segment: Refer to Sheet C-7 (22 of 73).

Delete plan view note "4" Thick PCC Pavement" and replace it with Construction Note 8 "Construct 4" Thick Sidewalk Per County Std. No. 401."

Item 13: Stage Construction Plans – Dawson Segment: Refer to the General Notes on sheet SC-1.

Add the following note:

9. Absorb 350 crash cushions shall be designed for 50 MPH.

Item 14: Stage Construction Plans – Dos Lagos Segment: Refer to the General Notes on sheet SC-1.

Add the following note:

9. Along Temescal Canyon Road, Absorb 350 crash cushions for the initial edge of Temporary Railings (Type K) in the direction of traffic, shall be designed for 62 MPH; Absorb 350 crash cushions for subsequent locations shall be designed for 50 MPH. Absorb 350 crash cushions along Leroy Road and Foster Road shall be designed for 37 MPH.

Item 15: Stage Construction Plans – Dos Lagos Segment: Refer to Sections B-B, C-C and D-D on sheets SC-3 and SC-4.

Delete the note, "Provide temp shoring and temp support for power pole, if needed" and replace it with, "Provide temp shoring and temp support for power pole, if needed. SCE to relocate power pole after construction of retaining wall".

MODIFICATIONS / CLARIFICATIONS TO SUPPLEMENTAL PROJECT INFORMATION

Item 16: Supplemental Project Information Modification: Refer to Section 2-1.06B, "Supplemental Project Information," of the Special Provisions (page 21 and 22). The following document is added to the list of supplemental project information made available by the Transportation Department:

- Conceptual "Construction Area Sign Plan"

Supplemental Project Information is available at:

County of Riverside website during advertisement period.

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

Item 17: Project Information; Questions and Responses

Questions and Responses information list is available as a free download at the following County website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

This (downloadable) file is provided for reference only. For any discrepancy written on the Questions and Responses, the Contractor shall conform to the contract documents.

The Contractor Questions and Responses are included as **Attachment "D"**.

ATTACHMENTS

A – Revised Proposal

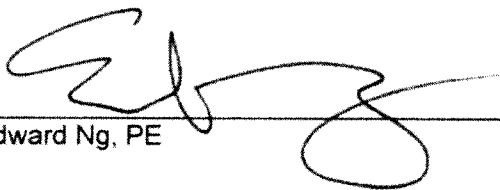
B – City of Corona Department of Water and Power Special Provisions - Appendix A - Flushing & Disinfection Plan (with Exhibits)

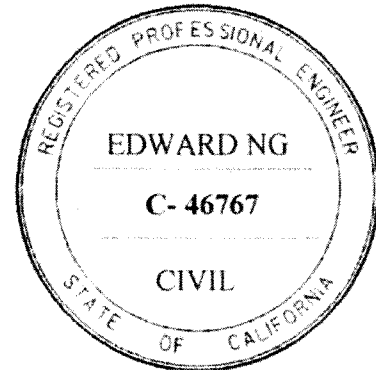
C – Data Table - Utility Relocation and Contractor-Arranged Time for the Relocation

D – Contractors Questions and Responses

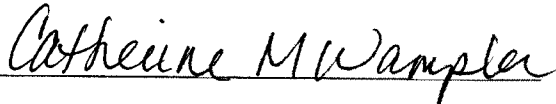
Addendum No. 5
Temescal Canyon Road Widening Projects, Temescal Canyon Road Slurry Seal Project, and
Temescal Canyon Road Drainage Improvement Project
Project No. C5-0072, C6-0066, B9-0988
August 29, 2018
Page 8 of 9

This addendum has been prepared under the direction of the following registered Civil Engineer(s):


Edward Ng, PE



Recommended by:



Catherine M. Wampler, PE
County Project Manager, Temescal Canyon Road Widening Projects

Concurrence:



Khalid Nasim, PE
Engineering Division Manager

Acknowledged: _____ **Date:** _____
(Contractor)

JRJ:jj:rr

Note: Refer to Instruction to Bidders Item No. 8, "Addenda". Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of this acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page of the Bid form (Proposal).

**Temescal Canyon Road Widening Projects
Dawson Canyon Road to 0.7 Mile North
Dos Lagos Drive to Leroy Road, and**

**Temescal Canyon Road Slurry Seal Project
0.7 Miles North of Dawson Canyon Road to Leroy Road
Project No. C5-0072, C6-0066
State Project No. LPPSBIL-5956(267); and**

**Temescal Canyon Road Drainage Improvement Project
At Coldwater Creek
Project No. B9-0988
In the Community of Temescal Valley**

REVISED PROPOSAL

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID SCHEDULE 1 - TEMESCAL CANYON ROAD WIDENING PROJECTS (Dawson Canyon and Dos Lagos Segments)							
1	011510	COLD PLANE ASPHALT CONCRETE PAVEMENT		SQYD	9,870		
2	017003	CATCH BASIN (CURB INLET) WITH FULL TRASH CAPTURE DEVICE (CRS 300) [L=21', D=13']		EA	1		
3	017003	CATCH BASIN (CURB INLET) WITH FULL TRASH CAPTURE DEVICE (CRS 300) [L=21', D<8']		EA	2		
4	017003	CATCH BASIN (CURB INLET) WITH FULL TRASH CAPTURE DEVICE (CRS 300) [L=7', D<8']		EA	4		
5	017003	CATCH BASIN (CURB INLET) WITH FULL TRASH CAPTURE DEVICE (CRS 300) [L=14', D<8']		EA	5		
6	017003	TOE OF SLOPE DITCH INLET		EA	1		
7	037000	CONCRETE DROP INLET WITH FULL TRASH CAPTURE DEVICE (RCFC & WCDS CB110) (D<8')		EA	1		
8	037000	CIP DRAINAGE INLET (TYPE GT3) WITH FULL TRASH CAPTURE DEVICE (CSP RSP D72D)		EA	1		
9	017003	PRECAST DRAINAGE INLET (TYPE G1) (CSP C73B)		EA	1		
10	037000	PRECAST 24"X24" INLET, FRAME, AND GRATE		EA	6		
11	017003	CONCRETE COLLAR		EA	7		
12	017103	MANHOLE NO. 2 (RCFC & WCDS MH252) [CONNECTS RCP RANGE UP TO 30"]		EA	2		
13	017110	MANHOLE NO. 4 (RCFC & WCDS MH254) [CONNECTS RCP RANGE 42" TO 48"]		EA	4		
14	017110	MANHOLE NO. 4 (RCFC & WCDS MH254) [CONNECTS TO 60" X 38" RCP]		EA	4		
15	017110	MANHOLE NO. 4 (RCFC & WCDS MH254) [CONNECTS RCP RANGE 24" TO 36"]		EA	2		
16	017114	TRANSITION STRUCTURE NO.3 (RCFC & WCDS TS303) [CONNECTS RCP RANGE 24" TO 36"]		EA	5		
17	017304	MINOR CONCRETE (CURB AND GUTTER) (CRS 200)		LF	13,280		
18	017304	MINOR CONCRETE (PARKING LOT V-GUTTER)		LF	105		
19	017309	MINOR CONCRETE (TYPE "D" CURB) (CRS 204)		LF	330		
20	017309	MINOR CONCRETE (RETAINING CURB)		LF	26		
21	017310	MINOR CONCRETE (RESIDENTIAL DRIVEWAY APPROACH) (CRS 207)		SQFT	2,900		
22	017312	MINOR CONCRETE (COMMERCIAL DRIVEWAY APPROACH) (CRS 207A)		SQFT	14,610		
23	017312	MINOR CONCRETE (6" THICK DRIVEWAY TIE-IN BEYOND SIDEWALK)		SQFT	3,870		

* NOTE: See Instructions to Bidders, Section 16 "Like Bid Items", on page A9; corrections will apply if Like Bid items cost discrepancies are submitted. Applicable to Base Bid Schedules 1 and 2 only.

REVISED PROPOSAL

ISSUED BY ADDENDUM No. 5
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID SCHEDULE 1 - TEMESCAL CANYON ROAD WIDENING PROJECTS (Dawson Canyon and Dos Lagos Segments)							
24	017312	MINOR CONCRETE (8" THICK DRIVEWAY TIE-IN BEYOND SIDEWALK)		SQFT	480		
25	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE A)		EA	2		
26	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)		EA	4		
27	731623	MINOR CONCRETE (CURB RAMP) (CSP RSP A88A - CASE C)		EA	1		
28	037300	MINOR CONCRETE (TYPE B PASSAGEWAY) (CSP A88B)		EA	1		
29	037300	MINOR CONCRETE (TYPE C PASSAGEWAY) (CSP A88B)		EA	1		
30	100100	DEVELOP WATER SUPPLY		LS	1		
31	120100	TRAFFIC CONTROL SYSTEM		LS	1		
32	130200	WATER POLLUTION CONTROL		LS	1		
33	160110	TEMPORARY HIGH-VISIBILITY FENCE [ESA]		LF	3,160		
34	170103	CLEARING AND GRUBBING		LS	1		
34A	000001	ITEM DELETED PER ADDENDUM No. 5	-----	-----	-----	-----	-----
35	066102	DUST ABATEMENT		LS	1		
36	190101 (F)	ROADWAY EXCAVATION		CY	36,210		
37	190101 (F)	ROADWAY EXCAVATION [CUT SLOPE PER SHEET G-1]		CY	90,890		
38	000001	ITEM DELETED PER ADDENDUM No. 5	-----	-----	-----	-----	-----
39	000001	ITEM DELETED PER ADDENDUM No. 5	-----	-----	-----	-----	-----
40	210430	HYDROSEED [EROSION CONTROL]		SQYD	269,160		
41	260203	CLASS 2 AGGREGATE BASE		CY	16,710		
42	390132	HOT MIX ASPHALT (TYPE A)		TON	24,880		
42A	390132	TEMPORARY HOT MIX ASPHALT PAVEMENT (TYPE A)		FA	1	48,000.00	48,000.00
43	390137	RUBBERIZED HOT MIX ASPHALT (TYPE G)		TON	2,850		
44	393007	PAVEMENT REINFORCING GRID		SQYD	4,360		
45	418005	REMOVE CONCRETE PAVEMENT [BELOW EXIST AC PAVEMENT]		SQYD	11,000		
46	475000 (F)	RETAINING WALL (CALTRANS TYPE 7, MOD) [MAX HT 12']		SQFT	4,000		
47	475000 (F)	MASONRY RETAINING WALL (SPPWC 618-3) [MAX HT 6']		SQFT	1,410		
48	510502 (F)	MINOR CONCRETE (HEADWALLS AND WINGWALLS)		CY	265		
49	510526 (F)	MINOR CONCRETE (REINFORCED CONCRETE CAP)		CY	609		
50	000001	ITEM DELETED PER ADDENDUM No. 5	-----	-----	-----	-----	-----
51	641101	8" PLASTIC PIPE (ASTM D3034 SDR 23.5)		LF	447		
52	641101	12" PLASTIC PIPE (ASTM D3034 SDR 23.5)		LF	104		
53	650211	18" REINFORCED CONCRETE PIPE (CLASS II)		LF	168		

* NOTE: See Instructions to Bidders, Section 16 "Like Bid Items", on page A9; corrections will apply if Like Bid items cost discrepancies are submitted. Applicable to Base Bid Schedules 1 and 2 only.

REVISED PROPOSAL

ISSUED BY ADDENDUM No. 5
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID SCHEDULE 1 - TEMESCAL CANYON ROAD WIDENING PROJECTS (Dawson Canyon and Dos Lagos Segments)							
54	650416	24" REINFORCED CONCRETE PIPE (CLASS V)		LF	975		
55	650416	24" REINFORCED CONCRETE PIPE W/ WATER TIGHT JOINTS (CLASS V)		LF	180		
56	650420	30" REINFORCED CONCRETE PIPE (CLASS II)		LF	1,745		
57	650420	30" REINFORCED CONCRETE PIPE W/ WATER TIGHT JOINTS (CLASS II)		LF	360		
58	650432	48" REINFORCED CONCRETE PIPE (CLASS II)		LF	30		
59	652428	42" REINFORCED CONCRETE PIPE (CLASS II)		LF	106		
60	652444	66" REINFORCED CONCRETE PIPE (CLASS II)		LF	610		
61	657330	60" X 38" ELLIPTICAL RCP W/ WATER TIGHT JOINTS (CLASS III)		LF	915		
62	667038	66" X 42" CORRUGATED STEEL PIPE ARCH W/ WATER TIGHT JOINTS (.109" THICK)		LF	75		
63	703319	18" BITUMINOUS COATED CORRUGATED STEEL PIPE RISER (0.138" THICK)		EA	1		
64	710120	REMOVE DRAINAGE FACILITY		LS	1		
65	710252	MODIFY MANHOLE NO.4 (RCFC & WCDS MH254) [CONNECTS UP TO 42"]		EA	1		
66	721420	CONCRETE DITCH LINING		LF	1,201		
67	721028 (F)	ROCK SLOPE PROTECTION (#2, METHOD B)		CY	491		
68	721013 (F)	ROCK SLOPE PROTECTION (1/4 TON, METHOD B)		CY	1,256		
69	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)		SQYD	1,859		
70	731521	MINOR CONCRETE (SIDEWALK) (CRS 401) 4" THICK		SQFT	21,477		
71	731521	MINOR CONCRETE (SIDEWALK WITH 6" RETAINING CURB) (CRS 401) 4" THICK		SQFT	870		
72	780500	PARKING BUMPER (PRECAST CONCRETE) (4" H x 6" W x 6' L)		EA	55		
73	782100	MAILBOX		EA	30		
74	782100	CLUSTER BOX UNIT [16 COMPARTMENTS AND PEDESTAL]		EA	1		
75	782120	RELOCATE MAILBOX		EA	1		
76	800103	TEMPORARY FENCE (TYPE CL-6)		LF	3,410		
77	800340	CHAIN LINK FENCE (5' HIGH) (SPPWC STD 600-3)		LF	620		
78	800340	CHAIN LINK FENCE (6' HIGH) (SPPWC STD 600-3)		LF	580		
79	800340	CHAIN LINK FENCE (6' HIGH W/ TOP RAIL) (SPPWC STD 600-3)		LF	590		
80	800340	CHAIN LINK FENCE (6' HIGH W/ BARBED WIRE) (SPPWC STD 600-3)		LF	1,060		
81	800340	CHAIN LINK FENCE (6' HIGH W/ TOP RAIL AND BARBED WIRE) (SPPWC STD 600-3)		LF	980		
82	038000	20' DOUBLE SWING GATE [CHAIN LINK]		EA	1		
83	038000	38' ROLLING GATE [CHAIN LINK]		EA	1		
84	810230	PAVEMENT MARKER (RETROREFLECTIVE)	Like 1	EA	1,070		

* NOTE: See Instructions to Bidders, Section 16 "Like Bid Items", on page A9; corrections will apply if Like Bid items cost discrepancies are submitted. Applicable to Base Bid Schedules 1 and 2 only.

REVISED PROPOSAL

ISSUED BY ADDENDUM No. 5
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID SCHEDULE 1 - TEMESCAL CANYON ROAD WIDENING PROJECTS (Dawson Canyon and Dos Lagos Segments)							
85	820250	REMOVE AND SALVAGE ROADSIDE SIGN - ONE-POST		EA	29		
86	820590	RELOCATE ROADSIDE SIGN - ONE POST		EA	45		
87	820250	RELOCATE PRIVATE SIGN - ONE POST		EA	3		
88	820600	RELOCATE ROADSIDE SIGN - TWO POST		EA	2		
89	820840	ROADSIDE SIGN - ONE POST	Like 2	EA	20		
90	833088	METAL HAND RAILING (SPPWC STD 606-4, TYPE B)		LF	480		
91	840501	THERMOPLASTIC TRAFFIC STRIPE		SQFT	650		
92	840515	THERMOPLASTIC PAVEMENT MARKING	Like 3	SQFT	1,180		
93	840656	PAINT TRAFFIC STRIPE (2-COAT)	Like 4	LF	47,720		
94	846020	REMOVE PAINTED TRAFFIC STRIPE	Like 5	LF	2,900		
95	846030	REMOVE THERMOPLASTIC TRAFFIC STRIPE		LF	240		
96	846035	REMOVE THERMOPLASTIC PAVEMENT MARKING	Like 6	SQFT	200		
97	870400	TRAFFIC SIGNAL MODIFICATION [AT DAWSON CANYON ROAD]		LS	1		
98	870400	ADJUST TRAFFIC SIGNAL VIDEO DETECTION ZONES [AT DOS LAGOS DRIVE]		LS	1		
99	066105	RESIDENT ENGINEERS OFFICE		LS	1		
100	000003	CONSTRUCTION ZONE ENHANCED ENFORCEMENT PROGRAM (COZEEP)		FA	1	32,000.00	32,000.00
101	035100	ARCHITECTURAL SURFACE FORM LINER [OPTION A - VERTICAL FRACTURED RIB]		LS	1		
102	035100	ARCHITECTURAL SURFACE FORM LINER [OPTION B - HILLSIDE/STAGECOACH THEME]		LS	1		
103	010602	MISCELLANEOUS WORK (AS DIRECTED)		FA	1	900,000.00	900,000.00
103A	017003	UNDER SIDEWALK DRAIN CAST IN PLACE (CRS 309) (MOD)		EA	1		
103B	037300	TEXTURED CONCRETE AND COLOR STAMPED CONCRETE		SQFT	1,090		
103C	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL) (CRS 209) [INCLUDES CURBS]		SQFT	600		

BASE BID SCH. 1 SUB-TOTAL: _____ \$ _____
ITEMS 1-103C "WORDS"

* NOTE: See Instructions to Bidders, Section 16 "Like Bid Items", on page A9; corrections will apply if Like Bid items cost discrepancies are submitted. Applicable to Base Bid Schedules 1 and 2 only.

REVISED PROPOSAL

ISSUED BY ADDENDUM No. 5
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID SCHEDULE 2 - TEMESCAL CANYON ROAD SLURRY SEAL PROJECT (Dawson Canyon Segment)							
104	377501	SLURRY SEAL, TYPE 2		TON	260		
105	810230	PAVEMENT MARKER (RETROREFLECTIVE)	Like 1	EA	570		
106	820840	ROADSIDE SIGN - ONE POST	Like 2	EA	19		
107	840515	THERMOPLASTIC PAVEMENT MARKING	Like 3	SQFT	680		
108	840656	PAINT TRAFFIC STRIPE (2-COAT)	Like 4	LF	30,610		
109	846020	REMOVE PAINTED TRAFFIC STRIPE	Like 5	LF	13,292		
110	846035	REMOVE THERMOPLASTIC PAVEMENT MARKING	Like 6	SQFT	300		

BASE BID SCH. 2 SUB-TOTAL: _____ \$ _____
ITEMS 104-110 "WORDS"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATE BID SCHEDULE A - CITY OF CORONA - UTILITY RELOCATIONS (Dawson Canyon Segment)							
111	000003	RELOCATE 18" CMLC PIPE [CROSSING DAWSON LINE B AND LINE C - LOCATION 1]		LS	1		
112	000003	RELOCATE 18" CMLC PIPE [CROSSING DAWSON LINE D - LOCATION 2]		LS	1		
113	000003	RELOCATE AIR RELEASE VACUUM VALVE		EA	1		
114	000003	RELOCATE BLOW OFF		EA	2		
115	000003	RELOCATE WATER PRESSURE RELEASE VALVE		EA	1		
116	000003	CONNECT TO EXISTING 8" FIRE SERVICE SALVAGE ANI REINSTALL DBL DETECTOR CHECK ASSY		EA	1		
117	000003	SUPPORT EXISTING UTILITIES		LS	1		

ALT. BID A SUB-TOTAL: _____ \$ _____
ITEMS 111-117 "WORDS"

* NOTE: See Instructions to Bidders, Section 16 "Like Bid Items", on page A9; corrections will apply if Like Bid items cost discrepancies are submitted. Applicable to Base Bid Schedules 1 and 2 only.

REVISED PROPOSAL

ISSUED BY ADDENDUM No. 5
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATE BID SCHEDULE B - CITY OF CORONA - WATER SERVICE TRANSFERS (Dawson Canyon and Dos Lagos Segments)							
118	000003	CONSTRUCT 6" PRESSURE REGULATING STATION [LOCATION 1]		LS	1		
119	000003	CONSTRUCT 6" PRESSURE REGULATING STATION [LOCATION 2]		LS	1		
120	000003	INSTALL 6" FIRE HYDRANT		EA	2		
121	000003	INSTALL WATER METER AND TRANSFER WS TO TVWD [1" SERVICE LATERAL]		EA	9		
122	000003	INSTALL WATER METER AND TRANSFER WS TO TVWD [1-1/2" SERVICE LATERAL]		EA	7		
123	000003	INSTALL WATER METER AND TRANSFER WS TO TVWD [2" SERVICE LATERAL]		EA	1		
124	000003	INSTALL 1-1/2" BACKFLOW PREVENTER DEVICE		EA	7		
125	000003	INSTALL 2" BACKFLOW PREVENTER DEVICE		EA	1		
126	000003	CONNECT TO EXISTING 8" FIRE SERVICE [DOS LAGOS]		EA	1		
127	000003	CONNECT TO EXISTING 8" FIRE SERVICE [DAWSON]		EA	1		
128	000003	SUPPORT EXISTING UTILITIES		LS	1		

ALT. BID B SUB-TOTAL: _____ \$ _____
ITEMS 118-128 "WORDS"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATE BID SCHEDULE C - TEMESCAL VALLEY WATER DISTRICT - UTILITY RELOCATIONS (Dawson Canyon Segment)							
129	000003	RELOCATE 20" PIPE [CROSSING DAWSON SEGMENT LINE B AND LINE C]		LS	1		
130	000003	RELOCATE 14" CM&L PIPE [CROSSING DAWSON SEGMENT LINE B AND LINE C]		LS	1		
131	000003	ADJUST MANHOLE TO GRADE		EA	7		
132	000003	RECONSTRUCT TOP OF MANHOLE		EA	2		
133	000003	RELOCATE AIR RELEASE VACUUM VALVE		EA	3		
134	000003	RELOCATE WATER METER		EA	3		
135	000003	RELOCATE WATER METER AND PROVIDE WATER METER ENCLOSURE		EA	1		
136	000003	RELOCATE WATER PRESSURE RELEASE VALVE		EA	1		
136A	000003	SUPPORT EXISTING UTILITIES		LS	1		

ALT. BID C SUB-TOTAL: _____ \$ _____
ITEMS 129-136A "WORDS"

* NOTE: See Instructions to Bidders, Section 16 "Like Bid Items", on page A9; corrections will apply if Like Bid items cost discrepancies are submitted. Applicable to Base Bid Schedules 1 and 2 only.

REVISED PROPOSAL

ISSUED BY ADDENDUM No. 5
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATE BID SCHEDULE D - ELSINORE VALLEY MUNICIPAL WATER DISTRICT - UTILITY RELOCATIONS (Dawson Canyon and Dos Lagos Segments)							
137	000003	RELOCATE 42" PIPE [CROSSING DAWSON SEGMENT LINE B AND LINE C]		LS	1		
138	000003	42" BUTTERFLY VALVE, FLANGED ENDS BURIED SERVICE (CLASS 350)		LS	1		
139	000003	OVEREXCAVATION AND REPLACE UNSUITABLE MATERIAL		CY	40		
140	000003	RELOCATE AIR RELEASE VACUUM VALVE		EA	2		
141	000003	RELOCATE HYDRANT		EA	3		

ALT. BID D SUB-TOTAL: _____ \$ _____
ITEMS 137-141 "WORDS"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATE BID SCHEDULE E - SANTA ANA WATERSHED PROJECT AUTHORITY - UTILITY RELOCATIONS (Dawson Canyon and Dos Lagos Segments)							
142	000003	PROTECT 24" FORCE MAIN [CROSSING DAWSON SEGMENT LINE B AND LINE C]		LS	1		
143	000003	ADJUST MANHOLE TO GRADE		LS	9		

ALT. BID D SUB-TOTAL: _____ \$ _____
ITEMS 142-143 "WORDS"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
ALTERNATE BID SCHEDULE F - TREE REMOVAL, (Dawson Canyon and Dos Lagos Segments)							
143A	170103	TREE REMOVAL		LS	1		

ALT. BID D SUB-TOTAL: _____ \$ _____
ITEM 143A "WORDS"

* NOTE: See Instructions to Bidders, Section 16 "Like Bid Items", on page A9; corrections will apply if Like Bid items cost discrepancies are submitted. Applicable to Base Bid Schedules 1 and 2 only.

REVISED PROPOSAL

ISSUED BY ADDENDUM No. 5
ATTACHMENT "A"

ITEM No.	ITEM CODE	ITEM	Like Bid Item*	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID SCHEDULE 3 - TEMESCAL CANYON ROAD DRAINAGE IMPROVEMENT PROJECT AT COLDWATER CREEK							
144	066102	DUST ABATEMENT	N/A**	LS	1		
145	130200	WATER POLLUTION CONTROL	N/A**	LS	1		
146	120100	TRAFFIC CONTROL SYSTEM	N/A**	LS	1		
147	170101	DEVELOP WATER SUPPLY [WPCP]	N/A**	LS	1		
148	220101	FINISHING ROADWAY	N/A**	LS	1		
149	170103	CLEARING AND GRUBBING	N/A**	LS	1		
150	160110	TEMPORARY HIGH-VISIBILITY FENCE [TYPE ESA]	N/A**	LF	800		
151	190101	ROADWAY EXCAVATION	N/A**	CY	100		
152	192025	STRUCTURE EXCAVATION (CULVERT)	N/A**	CY	160		
153	260203	CLASS 2 AGGREGATE BASE	N/A**	CY	70		
154	390132	HOT MIX ASPHALT (TYPE A)	N/A**	TON	100		
155	000003	REINFORCED CONCRETE BOX CULVERT	N/A**	LF	80		
156	510501	MINOR CONCRETE [HEADWALL]	N/A**	CY	40		
157	193006	FINISHING ROADWAY	N/A**	CY	50		
158	720011	ROCK ENERGY DISSIPATOR	N/A**	CY	50		
159	832002	METAL BEAM GUARD RAILING (STEEL POST)	N/A**	LF	70		
160	839585	ALTERNATIVE FLARED TERMINAL SYSTEM [TYPE SRT]	N/A**	EA	4		
161	840515	THERMOPLASTIC PAVEMENT MARKING	N/A**	SQFT	15		
162	840656	PAINT TRAFFIC STRIPE (2-COAT)	N/A**	LF	400		
163	810230	PAVEMENT MARKER (RETROREFLECTIVE)	N/A**	EA	40		
164	010602	MISCELLANEOUS WORK (AS DIRECTED)	N/A**	FA	1	30,000.00	30,000.00

BASE BID SCH. 3 SUB-TOTAL: _____ \$ _____
ITEMS 144-164 "WORDS"

** NOTE: Section 16 "Like Bid Items" provisions are not applicable for bid items listed on BASE BID SCHEDULE No. 3.

BASE BID SCHEDULES 1, 2 AND 3, ALTERANTE BIDS A,B, C, D, E and F

PROJECT TOTAL: _____ \$ _____
ITEMS 1-164 "WORDS"

* NOTE: See Instructions to Bidders, Section 16 "Like Bid Items", on page A9; corrections will apply if Like Bid items cost discrepancies are submitted. Applicable to Base Bid Schedules 1 and 2 only.



City of Corona Department of Water and Power
Flushing & Disinfection Plan

PROJECT: Temescal Canyon Rd Widening Project

DATE: 8/28/2018

LOCATION: Temescal Canyon Rd between Stellar Ct to Dawson Rd

DESCRIPTION:

Installation of **Pipeline 1**) approximately **190 LF of 18" DI pipe** along Temescal Canyon Rd approximately 700-ft northwest of Dawson Rd and **Pipeline 2**) approximately **140 LF of 18" DI pipe** along Temescal Canyon Rd approximately 1900-ft northwest of Dawson Rd.

HANDLING AND PROTECTION OF NEW PIPE:

All pipe and fittings shall arrive on-site with end caps in place or they will be rejected. At the site, all pipe and fittings shall be wrapped in plastic with the end caps installed and kept out of contact with the ground. During installation, the contractor will take care to ensure that no dirt or debris enters the pipe. The joints of pipe will be prepared in accordance with the manufacturer's specifications and joined together in the trench. The ends of the lines will be sealed after installation and until such time as connections are made for flushing. **Please be aware that keeping dirt and debris from entering the pipe is the most important factor in being able to have the pipe disinfected in the shortest timeframe.**

HYDROSTATIC TESTING:

Prior to flushing the line the pipeline shall be hydrostatic tested in accordance to Greenbook Spec Section 306-8.9.2.3. The lines shall be filled and allowed to soak for 24 hours prior to testing.

Pipeline 1:

The pipeline shall be filled by receiving potable water from the existing **EVMWD fire hydrant** located at the **Supply Source** hydrant located on Temescal Canyon Rd approximately 1800-ft northwest of Dawson Rd as shown in the attached **Exhibit A - Pipeline 1** and supplied potable water to the pipe at the **Supply Point (SP) at STA 11+81.96**. The Supply Source fire hydrant shall be modified by removing the fire hydrant head, installing a 6"x6"x6" tee, a 6" gate valve, a 6" potable construction water meter, a 6" backflow device and a new 6" highline pipe or hose to the SP. See attached **Exhibit B** for an example supply source facility.

Pipeline 2:

The pipeline shall be filled by receiving potable water from the existing **EVMWD fire hydrant** located at the **Supply Source** hydrant located on Temescal Canyon Rd approximately 1800-ft northwest of Dawson Rd as shown in the attached **Exhibit A - Pipeline 2** and supplied potable water to the pipe at the **Supply Point (SP) at STA 9+94.00**. The Supply Source fire hydrant shall be modified by removing the fire hydrant head, installing a 6"x6"x6" tee, a 6" gate valve, a 6" potable construction water meter, a 6" backflow device and a new 6" highline pipe or hose to the SP. See attached **Exhibit B** for an example supply source facility.

The pipe shall be tested at 200 psi for 4-hours and an inspector from the City of Corona will be present to witness the pressure test.



City of Corona Department of Water and Power
Flushing & Disinfection Plan

PROJECT: Temescal Canyon Rd Widening Project

DATE: 8/28/2018

Allowable Leakage (per Greenbook Spec Section 306-8.9.2.3)

$$L=(SD(P^{1/2}))/148,000$$

		Pipeline 1	Pipeline 2
S, length of pipe tested	feet	190	140
D, nominal diameter of pipe	inches	18	18
P, average observed test pressure	psi gauge	200	200
L, allowable leakage	gallons/hr	0.33	0.25
Duration	hrs	4	4
Total Allowable Leakage	gallons	1.32	1.00

FLUSHING PROCEDURE:

The lines will be flushed **at the Flushing Points (FP) shown on the attached exhibits for Pipeline 1 and Pipeline 2**. Flush the FP per the duration indicated in the Project Method below. The pipe shall be flushed for a period of time specified to turnover the total volume in the pipe twice. The contractor shall install a **minimum 6" fire hose** rated at a minimum 200 psi working pressure for **all hydrants, hydrant blow-offs and discharge points 6" or larger** and all other discharge points shall use a **minimum 2" fire hose** rated at a **minimum 200 psi** working pressure. **All water shall be dechlorinated and discharged to the street.**

The equation $Q=A*V$ (Quantity = Area x Velocity) is used to determine the demand for flushing water to achieve a cleansing velocity of 3.0 feet per second (fps). Calculations are presented below.

GENERAL GUIDELINES:

- 1) Ensure all FH and DDC connections are closed.
- 2) Ensure all Corp Stops are closed.
- 3) Flushing velocities must be at least 3 fps.
- 4) All services must be flushed and de-chlorinated to a Cl_2 Residual of less than 0.10 mg/L.
- 5) Refer to attached plans for reference points.
- 6) All discharged flows will be placed into a storm drain system.
- 7) Flushing shall not exceed 50,000 gallons of water per flush cycle.
- 8) Contact Mayra Cabrera at 951-739-4842 or via email at Mayra.Cabrera@CoronaCA.gov at least 48-hours prior to flushing.**



City of Corona Department of Water and Power
Flushing & Disinfection Plan

PROJECT: Temescal Canyon Rd Widening Project

DATE: 8/28/2018

Pipeline 2			
Flushing Pt 1 - STA 11+35.44 End of Line			
Pipe Diam (in):	18	Length (ft):	141.44
A (ft ²) =	1.77	START STA.:	994.00
V (ft/s) =	3.00	END STA.:	1135.44
Q (ft ³ /s) =	5.30	LENGTH (L.F.):	141.44
Volume (gal) =	1,870	-> Q (gpm) =	2,380
Time (min) =	1.57	Suggested Time (min)=	2
Total Water Usage (gallons) =			4759
Flushing Pt 2 - STA 10+68.34 6" Blow-Off			
Pipe Diam (in):	2	Length (ft):	45.00
A (ft ²) =	0.02	START STA.:	NA
V (ft/s) =	3.00	END STA.:	NA
Q (ft ³ /s) =	0.07	LENGTH (L.F.):	45.00
Volume (gal) =	7	-> Q (gpm) =	29
Time (min) =	0.50	Suggested Time (min)=	1
Total Water Usage (gallons) =			29
Flushing Pt 3 - STA 11+32.94 2" Air/Vac			
Pipe Diam (in):	6	Length (ft):	45.00
A (ft ²) =	0.20	START STA.:	NA
V (ft/s) =	3.00	END STA.:	NA
Q (ft ³ /s) =	0.59	LENGTH (L.F.):	20.00
Volume (gal) =	66	-> Q (gpm) =	264
Time (min) =	0.50	Suggested Time (min)=	1
Total Water Usage (gallons) =			264
TOTAL WATER USAGE (GALLONS)			5,053



City of Corona Department of Water and Power
Flushing & Disinfection Plan

PROJECT: Temescal Canyon Rd Widening Project

DATE: 8/28/2018

CHLORINATION AND DE-CHLORINATION PROCEDURE:

All flushing and chlorination will be done per AWWA C651 and City of Corona Specifications. Where the City's standard is more stringent than the AWWA standard, the City standard shall be used.

All requirements of the NPDES Permit (**ORDER WQ 2014-0194-DWQ GENERAL ORDER NO. CAG140001**) will be complied with. Contractor will dechlorinate and remove pollutants from water flushed from water mains in accordance with AWWA C655. Flushing to a sanitary sewer system must be approved; provide notification of discharge time and duration, utilizing a proper air gap. Flushing to a storm drain must be approved; follow SWPPP standards, and maintain a chlorine residual lower than 0.10 mg/L, not to exceed 29 minutes of continual flushing.

Dechlorination and removal of pollutants from water flushed from water mains shall be in accordance with AWWA C655 and the NPDES Permit applicable for the Water Quality Region. **Liquid sodium hypochlorite shall be used to disinfect waterlines.**

STEPS TO BE TAKEN AFTER FLUSHING PLAN IS COMPLETED:

- 1) The water main will be disinfected utilizing a port as near as possible but downstream of the proposed RPP device.
- 2) A 12.5% sodium hypochlorite solution will be injected with an initial dose of 100 mg/L spreading through the main and the services to achieve a residual of 100 mg/L or greater of free chlorine on the date of the injection. The dose may need to be increased to achieve the residual. The residual will be checked to ensure 50 mg/L is present after 24 hours. All service laterals will be chlorinated and flushed and residual checked at the same time as the main to meet the 100 mg/L at initial and 50 mg/L after 24 hours.
- 3) After 24 hours, the residual at all outlets will be checked and shall contain no less than 50 mg/L of free chlorine. If residuals are less than 50 mg/L, re-chlorination shall occur.
- 4) Final flushing of the main shall occur after the 24 hour "Bake" and all outlet residuals are 50 mg/L or greater. The heavily chlorinated water shall be dechlorinated to a residual of 0.10 mg/L or less, and all heavily chlorinated water shall be removed and replenished with new water utilizing the Flushing Plan described above.
- 5) After final flushing and before connections to the system are made, two consecutive bacteriological samples taken 24 hours apart will be collected. **These samples shall come back Absent of Coliform Bacteria, E- Coli and have a heterotrophic plate count (HPC) less than 500 with a CL2 Residual and Total Chlorine no less than 50% of source water.**
- 6) Samples will be collected at the points shown on the attached figure per testing requirements. **TVWD and EVMWD** shall be contacted at least 72 hours prior to the proposed waterline samples to collect a sample of the source water.



City of Corona Department of Water and Power
Flushing & Disinfection Plan

PROJECT: Temescal Canyon Rd Widening Project

DATE: 8/28/2018

7) In the event disinfection fails to produce satisfactory results, the pipe shall be reflushed and shall be resampled and retested (repeat steps 4-6). If counts from analysis of the second samples exceed the above criteria, the pipe shall be re-disinfected and shall be resampled and retested until satisfactory results are obtained (repeat steps 1-6).

8) When the samples come back within acceptable parameters, the inter-ties to the existing main may be completed. **The tie-ins shall be completed with 28 days of the approved disinfection testing results or the contractor must start the process over.**

9) All testing and sampling of water, including measurement of free and total chlorine content, coliform and heterotrophic plate count shall be done by a certified laboratory.

10) Contractor is responsible for achieving all target values.

11) Only City of Corona DWP staff is to operate system valves including valves that feed hydrants.

PROCEDURE FOR TIE-INS:

After testing, and with the approval and supervision of the City inspector, the temporary flushing connections will be removed. A permanent connection will be made at the tie-in point shown on the attached figure. Care will be taken to ensure that neither dirt nor debris enters the system and all parts will be swabbed with a minimum 5 percent solution of chlorine. **Note this is only applicable for sections that are less than 18 feet in length. If the tie in is greater than 18 feet the section shall be disinfected as described in the steps above.**

GENERAL NOTES - CITY OF CORONA DEPARTMENT OF WATER AND POWER

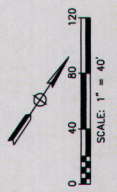
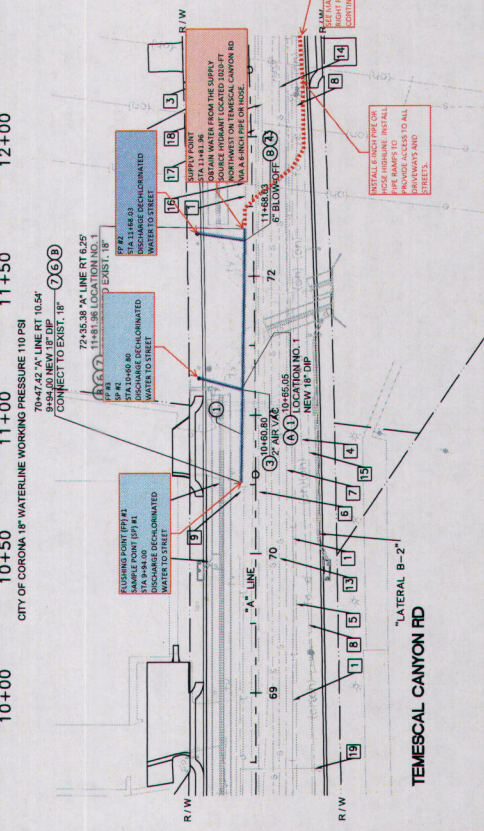
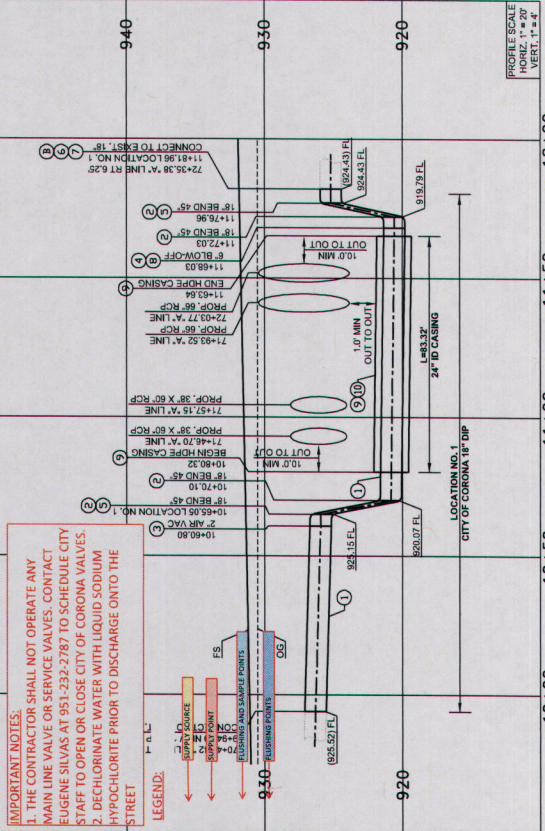
1. THE CONTRACTOR SHALL NOT OPERATE ANY MAIN LINE VALVE OR SERVICE VALVES, CONTACT EUGENE SILVAS AT 951-232-2787 TO SCHEDULE CITY STAFF TO OPEN OR CLOSE CITY OF CORONA VALVES.
 2. DECHLORINATE WATER WITH LIQUID SODIUM HYPOCHLORITE PRIOR TO DISCHARGE ONTO THE STREET.
- UTILITY LEGEND**
- | | |
|----|---------------------------------|
| 1 | TELEPHONE (A1&T) |
| 2 | OH CABLE TV (CHARTER) |
| 3 | OH FIBER OPTIC (SUMESTYS) |
| 4 | FIBER OPTIC (FRONTIER) |
| 5 | FIBER OPTIC (LEVEL 3) |
| 6 | GAS - 8" HIGH PRESSURE (SCG) |
| 7 | OH ELECTRIC (SCE) |
| 8 | UG ELECTRIC (SCE) |
| 9 | SEWER - 4" DIP (EVMWD) |
| 10 | SEWER - 6" DIP (EVMWD) |
| 11 | SEWER - 18" (TYWD) |
| 12 | SEWER - 21" (TYWD) |
| 13 | SEWER - 24" FORCE MAIN (SAMPFA) |
| 14 | WATER - 14" CML (TYWD) |
| 15 | WATER - 18" CML (CORONA) |
| 16 | WATER - 20" (TYWD) |
| 17 | WATER - 42" (EVMWD) |
| 18 | WATER - 4" (USA WASTE) |
| 19 | WATER - 18" POTABLE (TYWD) |
| 20 | WATER - 36" (TWC) ABANDONED |
| 21 | |
| 22 | |
11. AS-BUILT ORIGINAL PLANS TO BE FURNISHED TO THE CITY OF CORONA AFTER COMPLETION OF CONSTRUCTION.
 12. POLYETHYLENE ENCASEMENT FOR DUCTILE IRON PIPES, VALVES AND FITTINGS AND CALCS FITTINGS WITH POLYETHYLENE ENCASEMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF CORONA STANDARD SPECIFICATIONS FOR WATER MAINS, TABLE 210-1.22.
 13. CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES AT LEAST TWO (2) FULL WORKING DAYS (48 HOURS MINIMUM) PRIOR TO BEGINNING ANY CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.
 14. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES AT LEAST TWO (2) FULL WORKING DAYS (48 HOURS MINIMUM) PRIOR TO BEGINNING ANY CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.
 15. ALL UTILITIES SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO CONSTRUCTING STREET DRAIN PIPELINES.
 16. ALL UTILITIES SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO CONSTRUCTING STREET DRAIN PIPELINES.
 17. ALL UTILITIES SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO CONSTRUCTING STREET DRAIN PIPELINES.
 18. TRENCHES SHALL HAVE SHAVED BEDDING, MINIMUM 4" FOR PIPES UP TO 18" DIAMETER AND 6" FOR PIPES LARGER THAN 18" DIAMETER.
 19. ALL EXISTING ASBESTOS CEMENT PIPE REMOVED FOR CONSTRUCTION SHALL BE LEGALLY DISPOSED OF AT A CALIFORNIA APPROVED DISPOSAL SITE AND A CERTIFICATE FROM THE APPROVED DISPOSAL SITE ATTESTING TO THE LEGAL DISPOSAL OF THE ACP SHALL BE OBTAINED BY THE ENGINEER.
 20. ALL EXISTING UTILITIES AND POINTS OF UTILITY CHANGE SHALL BE IDENTIFIED AND MARKED AT 100.00 FEET ON EACH SIDE OF THE POINT OF UTILITY CHANGE.
 21. ALL EXISTING UTILITIES AND POINTS OF UTILITY CHANGE SHALL BE IDENTIFIED AND MARKED AT 100.00 FEET ON EACH SIDE OF THE POINT OF UTILITY CHANGE.
 22. ALL EXISTING UTILITIES AND POINTS OF UTILITY CHANGE SHALL BE IDENTIFIED AND MARKED AT 100.00 FEET ON EACH SIDE OF THE POINT OF UTILITY CHANGE.

DUCTILE IRON PIPE WATER LINE GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER PRIOR TO ANY CONSTRUCTION.
2. ALL PERMITS SHALL BE SUBMITTED TO THE CITY OF CORONA BEFORE ANY FIELD WORK BEGINS.
3. ALL PERMITS SHALL BE SUBMITTED TO THE CITY OF CORONA BEFORE ANY FIELD WORK BEGINS.

WATERLINE CONSTRUCTION NOTES - CITY OF CORONA DEPARTMENT OF WATER AND POWER

1. INSTALL 18" DUCTILE IRON PIPE (DIP) WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.
2. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.
3. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.
4. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.
5. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.
6. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.
7. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.
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9. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.
10. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.



WATERLINE CONSTRUCTION NOTES - CITY OF CORONA DEPARTMENT OF WATER AND POWER

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2. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.
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4. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.
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10. INSTALL 18" POTABLE WATER MAIN WITH 18" POLYETHYLENE ENCASEMENT (PE) AND 18" POLYETHYLENE GLASS FIBER REINFORCED PLASTIC (FRP) WRAP.

GENERAL NOTES - CITY OF CORONA DEPARTMENT OF WATER AND POWER

1. THE CONTRACTOR SHALL NOT OPERATE ANY MAIN LINE VALVE OR SERVICE VALVES, CONTACT EUGENE SILVAS AT 951-232-2787 TO SCHEDULE CITY STAFF TO OPEN OR CLOSE CITY OF CORONA VALVES.
2. DECHLORINATE WATER WITH LIQUID SODIUM HYPOCHLORITE PRIOR TO DISCHARGE ONTO THE STREET.

IMPORTANT NOTES:

1. THE CONTRACTOR SHALL NOT OPERATE ANY MAIN LINE VALVE OR SERVICE VALVES, CONTACT EUGENE SILVAS AT 951-232-2787 TO SCHEDULE CITY STAFF TO OPEN OR CLOSE CITY OF CORONA VALVES.
2. DECHLORINATE WATER WITH LIQUID SODIUM HYPOCHLORITE PRIOR TO DISCHARGE ONTO THE STREET.

LEGEND:

- 1. SUPPLY SOURCE
- 2. SERVICE VALVE
- 3. VALVE
- 4. MANHOLE
- 5. MANHOLE
- 6. MANHOLE
- 7. MANHOLE
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- 18. MANHOLE
- 19. MANHOLE
- 20. MANHOLE
- 21. MANHOLE
- 22. MANHOLE

GENERAL NOTES - CITY OF CORONA DEPARTMENT OF WATER AND POWER

1. THE CONTRACTOR SHALL NOT OPERATE ANY MAIN LINE VALVE OR SERVICE VALVES, CONTACT EUGENE SILVAS AT 951-232-2787 TO SCHEDULE CITY STAFF TO OPEN OR CLOSE CITY OF CORONA VALVES.
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GENERAL NOTES - CITY OF CORONA DEPARTMENT OF WATER AND POWER

1. THE CONTRACTOR SHALL NOT OPERATE ANY MAIN LINE VALVE OR SERVICE VALVES, CONTACT EUGENE SILVAS AT 951-232-2787 TO SCHEDULE CITY STAFF TO OPEN OR CLOSE CITY OF CORONA VALVES.
2. DECHLORINATE WATER WITH LIQUID SODIUM HYPOCHLORITE PRIOR TO DISCHARGE ONTO THE STREET.

LEGEND:

- 1. SUPPLY SOURCE
- 2. SERVICE VALVE
- 3. VALVE
- 4. MANHOLE
- 5. MANHOLE
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- 22. MANHOLE

TEMPESCAL CANYON RD WIDENING PROJECT (C5-0072)

TITLE SHEET

DAWSON CANYON RD TO LEROY RD
RELOCATE CITY OF CORONA
18" WATERLINE

SHEET NO. UD-1

sheet 40 of 63

COUNTY FILE NO. WO C5-0072

USERNAME -> \$USER

DON FILE -> \$PROJECT

PREPARED BY
DRAUGAS, H. MALIS
DOUGLAS ENGINEERING, INC.
RED ANGELES, CA 92373

DATE
C-1002
08-18-2011

DATE
08-18-2011

CITY OF CORONA DEPARTMENT OF WATER AND POWER

CITY OF CORONA WATERLINE RELOCATION

PROJECT NO. 1

SHEET 1 OF 2

AUGUST 23RD, 2011

COUNTY APPROVAL

PATRICIA ROAD TRANSPORTATION

DATE

NOTE:
LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR THE EXACT LOCATION AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES AT LEAST TWO (2) FULL WORKING DAYS (48 HOURS MINIMUM) PRIOR TO BEGINNING ANY CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.

DIGIALERT

CALL TOLL FREE 800-451-4511

FOR MORE INFORMATION VISIT US AT www.digialert.com

BORDER LAST REVISED 07/01/2014

UTILITY LEGEND

- 1 TELEPHONE (AT&T)
- 2 OH CABLE TV (CHARTER)
- 3 OH CABLE TV (CHARTER)
- 4 OH FIBER OPTIC (SUNKEYS)
- 5 FIBER OPTIC (FRONTIER)
- 6 FIBER OPTIC (LEVEL 3)
- 7 GAS - 8" HIGH PRESSURE (SCC)
- 8 OH ELECTRIC (SCE)
- 9 UG ELECTRIC (SCE)
- 10 SEWER - 4" DIP (E/WMD)
- 11 SEWER - 6" DIP (E/WMD)
- 12 SEWER - 18" (T/WMD)
- 13 SEWER - 21" (T/WMD)
- 14 SEWER - 24" FORCE MAIN (SAMPWA)
- 15 WATER - 14" CML (T/WMD)
- 16 WATER - 20" (T/WMD)
- 17 WATER - 42" (E/WMD)
- 18 WATER - 4" (USA WASTE)
- 19 WATER - 16" (T/WMD)
- 20 WATER - 16" POTABLE (T/WMD)
- 21 WATER - 36" (T/WMD) ABANDONED
- 22

GENERAL NOTES - CITY OF CORONA DEPARTMENT OF WATER AND POWER

1. ALL WORK AND MATERIALS SHALL COMPLY WITH CITY OF CORONA DEPARTMENT OF WATER AND POWER (DWP) DESIGN POLICY AND STANDARD DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
5. THE CONTRACTOR SHALL EXCAVATE INSPECTION HOLES (PROVIDE) AND DETERMINE THE LOCATION AND DEPTH OF ALL UNDERGROUND STRUCTURES AND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
6. ALL MATERIALS AND METHODS TO BE USED SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
7. REPAIR OR REPLACE ANY EXISTING DAMAGED OR ALTERED EXISTING IMPROVEMENTS WITHIN PUBLIC RIGHT-OF-WAY AS DIRECTED BY THE ENGINEER.
8. ALL NEW EXISTING UTILITIES OR OTHER FACILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS, WORK SHALL STOP AND THE ENGINEER NOTIFIED IMMEDIATELY.
9. ALL SINKY MONUMENTS SHALL BE PROTECTED AND PRESERVED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A REGISTERED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
10. ALL ORIGINAL PLANS TO BE SUBMITTED TO THE CITY OF CORONA AFTER COMPLETION OF CONSTRUCTION.
11. PROTECTIVE LINE ENCLOSURE FOR DUCTILE IRON PIPES, VALVES AND FITTINGS SHALL BE CONSTRUCTED WITHIN THE LINE ENCLOSURE FOR EXTERNAL PROTECTION SHALL COMPLY WITH SECTION 12.4 WATER AND SEWER SYSTEMS VALVES AND FITTINGS, TABLE 12.12.12, THE COLOR SHALL BE AS SHOWN ON THE DRAWINGS.
12. CARE SHALL BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE ENGINEER MAY REQUIRE TEMPORARY GUTTER SWALES, BENTHOPE OR LEAKING IMPROVEMENTS.
13. ALL UTILITIES SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO CONSTRUCTING STORM DRAIN PIPELINES.
14. ALL POTABLE WATER DUCTILE IRON PIPE SHALL BE CEMENT MORTAR LINED AND COATED PER SPEC.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
17. PIPE JOINT DETECTION NOT TO EXCEED MANUFACTURER'S RECOMMENDATIONS AT LOCATIONS WHERE NEW PRESSURE PIPE LINE CROSSES OVER/UNDER GRADE EXISTING UTILITIES AND POINTS OF GRADE CHANGE. THE CONTRACTOR SHALL SPACE PIPE JOINTS AT 10' ON EACH SIDE OF THE POINT OF GRADE CHANGE.
18. TRENCHES SHALL HAVE SHAVED BEDDING, MINIMUM 4" FOR PIPES UP TO 18" DIAMETER AND 6" FOR PIPES LARGER THAN 18" DIAMETER.
19. DUCTILE IRON PIPE TRENCH BEDDINGS AND BACKFILL SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF CITY OF CORONA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
20. ALL MATERIALS AND METHODS TO BE USED SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

DUCTILE IRON PIPE WATER LINE GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POTABLE WATER PIPELINE PRESSURE TESTING TO THE CITY OF CORONA BEFORE ANY TRENCHING OR CONSTRUCTION OF THE WATER LINE.
2. ALL MATERIALS AND METHODS TO BE USED SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
3. ALL EXISTING UTILITIES OR OTHER FACILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS, WORK SHALL STOP AND THE ENGINEER NOTIFIED IMMEDIATELY.
4. ALL SINKY MONUMENTS SHALL BE PROTECTED AND PRESERVED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A REGISTERED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
5. ALL ORIGINAL PLANS TO BE SUBMITTED TO THE CITY OF CORONA AFTER COMPLETION OF CONSTRUCTION.
6. PROTECTIVE LINE ENCLOSURE FOR DUCTILE IRON PIPES, VALVES AND FITTINGS SHALL BE CONSTRUCTED WITHIN THE LINE ENCLOSURE FOR EXTERNAL PROTECTION SHALL COMPLY WITH SECTION 12.4 WATER AND SEWER SYSTEMS VALVES AND FITTINGS, TABLE 12.12.12, THE COLOR SHALL BE AS SHOWN ON THE DRAWINGS.
7. CARE SHALL BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE ENGINEER MAY REQUIRE TEMPORARY GUTTER SWALES, BENTHOPE OR LEAKING IMPROVEMENTS.
8. ALL UTILITIES SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO CONSTRUCTING STORM DRAIN PIPELINES.
9. ALL POTABLE WATER DUCTILE IRON PIPE SHALL BE CEMENT MORTAR LINED AND COATED PER SPEC.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
12. PIPE JOINT DETECTION NOT TO EXCEED MANUFACTURER'S RECOMMENDATIONS AT LOCATIONS WHERE NEW PRESSURE PIPE LINE CROSSES OVER/UNDER GRADE EXISTING UTILITIES AND POINTS OF GRADE CHANGE. THE CONTRACTOR SHALL SPACE PIPE JOINTS AT 10' ON EACH SIDE OF THE POINT OF GRADE CHANGE.
13. TRENCHES SHALL HAVE SHAVED BEDDING, MINIMUM 4" FOR PIPES UP TO 18" DIAMETER AND 6" FOR PIPES LARGER THAN 18" DIAMETER.
14. DUCTILE IRON PIPE TRENCH BEDDINGS AND BACKFILL SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF CITY OF CORONA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CORONA DEPARTMENT OF WATER AND POWER AND THE CITY OF CORONA DEPARTMENT OF PUBLIC WORKS CONSTRUCTION. THESE DRAWINGS AND THE DATE HEREON ARE MADE PART OF THE SPECIFICATION.
15. ALL MATERIALS AND METHODS TO BE USED SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

WATERLINE CC

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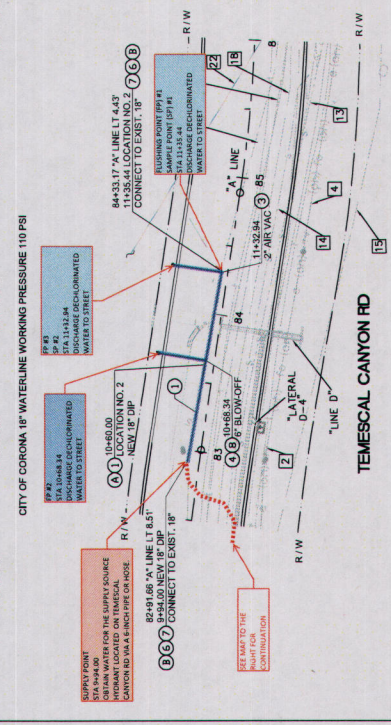
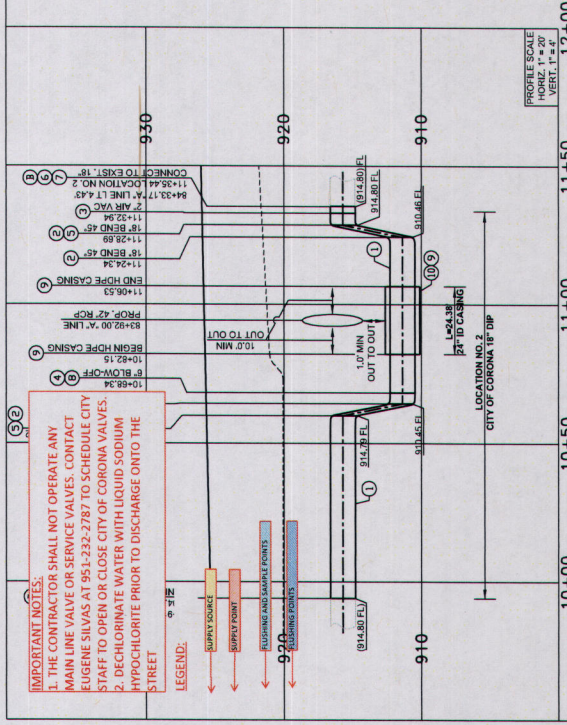
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LINE AND APPURTENANCES PER SECTION 306.4, PARTIONS FOR PUBLIC WORKS CONSTRUCTION

PORTIONS OF WATERLINE

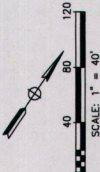


IMPORTANT NOTES:

1. THE CONTRACTOR SHALL NOT OPERATE ANY MAIN LINE VALVE OR SERVICE VALVES. CONTACT EUGENE SILVAS AT 951-232-2787 TO SCHEDULE CITY STAFF TO OPEN OR CLOSE CITY OF CORONA VALVES.
2. DECHLORINATE WATER WITH LIQUID SODIUM HYPOCHLORITE PRIOR TO DISCHARGE ONTO THE STREET.

LEGEND:

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DIGALERT

DIAL TOLL FREE
1-800-427-4133
FOR MORE INFORMATION
CALL 1-800-427-4133

BORDER LAST REVISED 07/01/2014



PROPOSED WATERLINE INDICATION

PROPOSED TRENCH INDICATION

PROPOSED VALVE INDICATION

PROPOSED SERVICE POINT INDICATION

PROPOSED FIRE HYDRANT INDICATION

PROPOSED WATER METER INDICATION

PROPOSED METER BOX INDICATION

PROPOSED VALVE INDICATION

PROPOSED SERVICE POINT INDICATION

PROPOSED FIRE HYDRANT INDICATION

PROPOSED WATER METER INDICATION

PROPOSED METER BOX INDICATION

PROPOSED FIRE HYDRANT INDICATION

PROPOSED WATER METER INDICATION

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PROPOSED WATER METER INDICATION

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PROPOSED METER BOX INDICATION

COUNTY APPROVAL

PREPARED UNDER THE SUPERVISION OF:
PATRICIA H. WALES
PROJECT MANAGER
DATE: 8-1-2014
COUNTY OF FRESNO

FOR THE CITY OF CORONA
EMMETT A. PHELPS II
AUGUST 1, 2014

FOR THE CITY OF CORONA
EMMETT A. PHELPS II
AUGUST 1, 2014

TITLE SHEET

TEMESCAL CANYON RD
DAWSON CANYON RD TO LEROY RD
RELOCATE CITY OF CORONA
18" WATERLINE

NO. C5-0072

WORK FILE # -> \$REQUEST

SHEET No.

UD-2

41 of 63

COUNTY FILE NO.



EXHIBIT B: TYPICAL SUPPLY SOURCE SETUP FOR WATERLINE FLUSHING & DISINFECTION

