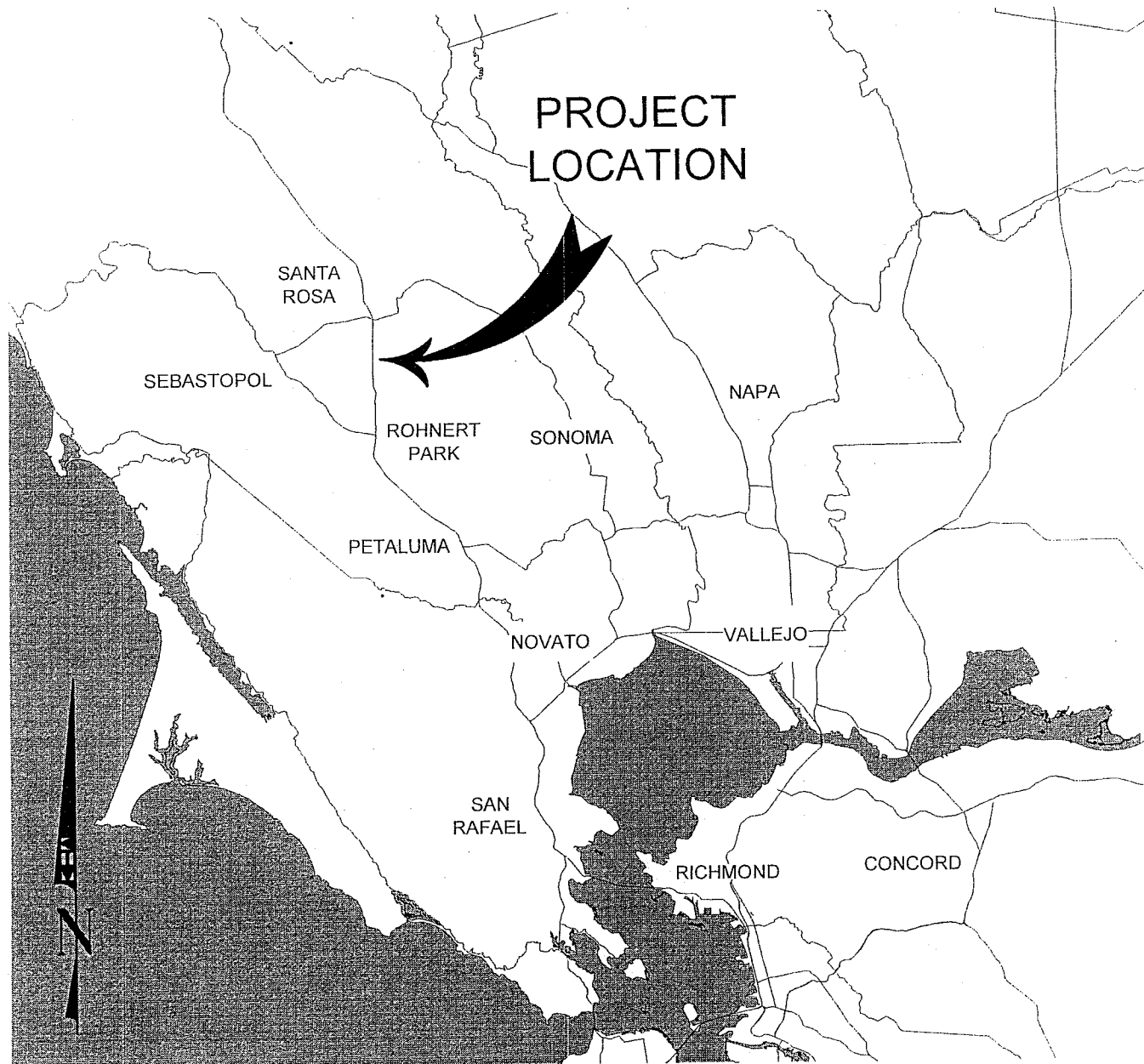
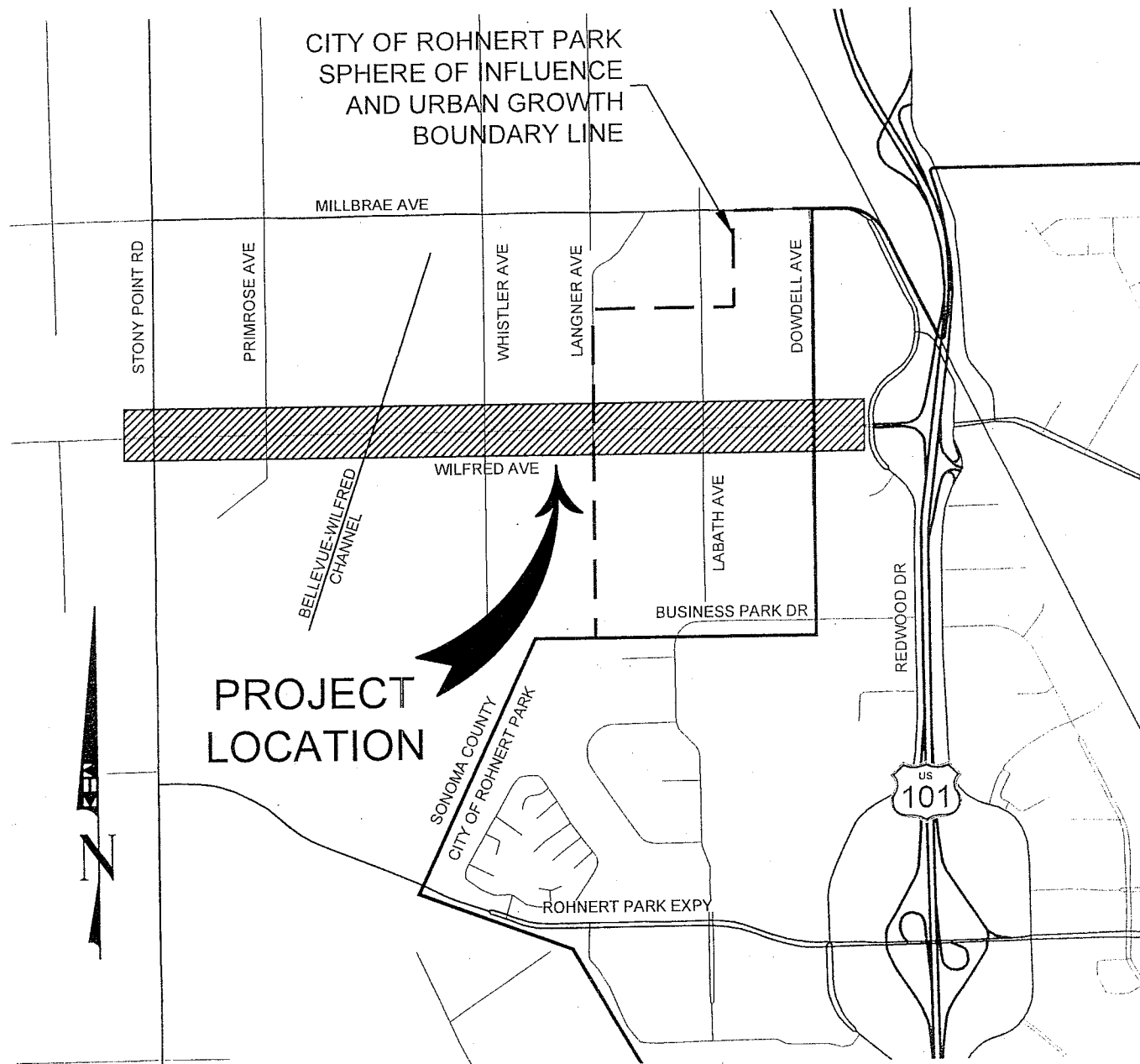




LOCATION MAP
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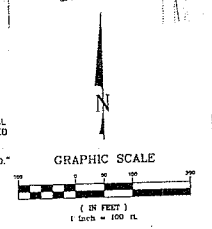
FIGURE 1

04	GN-03 -- GEN
05	HC-01 -- HOF
TYPICAL SECTIONS	
06	TX-01 -- TYP
07	TX-02 -- TYP
DEMOLITION PLAN	
08	DM-01 -- STA
09	DM-02 -- STA
10	DM-03 -- STA
11	DM-04 -- STA
PLAN AND PROFILE	
12	PV-01 -- STA
13	PV-02 -- STA
14	PV-03 -- STA
15	PV-04 -- STA
16	PV-05 -- STA
17	PV-06 -- STA
18	PV-07 -- STA
19	PV-08 -- STA
CONSTRUCTION DET	
20	CD-01 -- DRI
21	CD-02 -- DRI
22	CD-03 -- DRI
23	CD-04 -- DRI
24	CD-05 -- DRI
25	CD-06 -- DRI
26	CD-07 -- BIK
27	CD-08 -- BIK
28	CD-09 -- STC



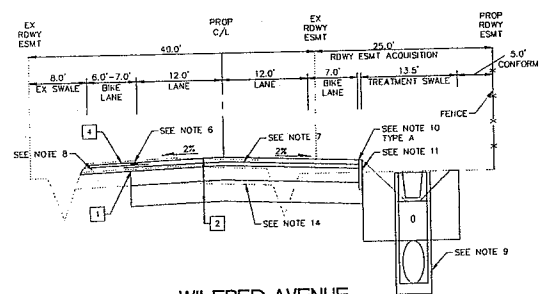
VICINITY MAP
N.T.S.

FIGURE 2

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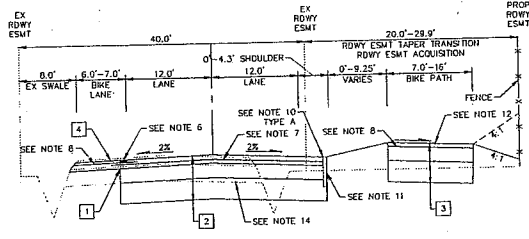
	DRAWING NO
	HC-01
	SHEET
	05 of 118
	JOB No.
	097135006

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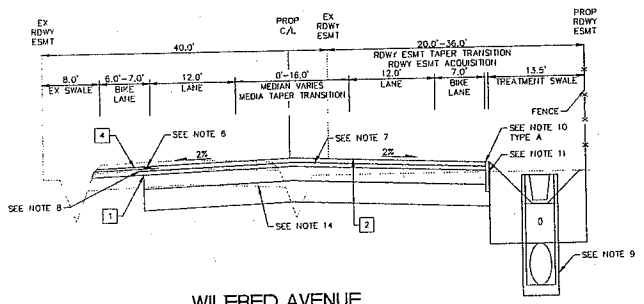
WILFRED AVENUE

"W1" BEGIN TO STA 69+88.56
STA 76+03.34 TO STA 88+10.53



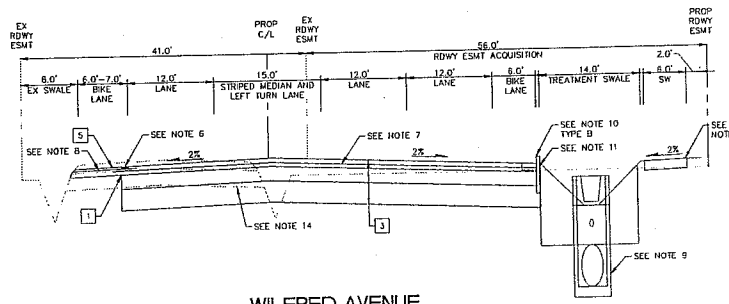
WILFRED AVENUE

"W1" 69+88.56 TO STA 72+01.49 (BEGIN BRIDGE)
STA 73+60.56 (END BRIDGE) TO STA 76+03.34



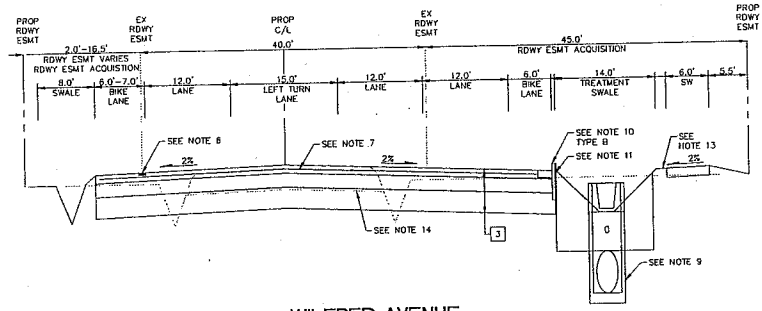
WILFRED AVENUE

"W1" STA 88+10.53 TO STA 95+81.85



WILFRED AVENUE

"W1" STA 96+44.75 TO STA 106+91.79



WILFRED AVENUE

"W1" STA 107+85.66 TO STA 118+75.05

**PAVEMENT STRUCTURAL SECTION:
(APPLIES TO ALL TX SHEETS)**

- 1 SAWCUT 1.8" DEPTH AC
- 2 0.54" HMA (TYPE A)
0.92" AB (CLASS II)
1.50" LTS
- 3 0.58" HMA (TYPE A)
1.00" AB (CLASS II)
1.50" LTS
- 4 0.54" HMA (TYPE A)
- 5 0.58" HMA (TYPE A)

NOTES (APPLIES TO ALL TX SHEETS):

1. DESIGN DESIGNATION:
STONY POINT RD. TO LANGHER AVE: TI = 10 (TYP) R - VALUE = 5.
LANGHER AVE. TO REDWOOD DR: TI = 11 (TYP) R - VALUE = 5.
2. DIMENSIONS OF STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE SPECIFICATIONS.
3. SUBGRADE SLOPE TO BE THE SAME AS THE TYPICAL SURFACE SLOPE UNLESS OTHERWISE SHOWN.
4. SEE CD-SERIES SHEETS FOR INTERSECTION DETAILS.
5. MEDIAN CURB PER CITY STD-242 "STREET MEDIAN CURB." (CURB HEIGHT = "B")
6. RUMBLE STRIP PER CALTRANS STD. PLAN A408 RUMBLE STRIP PLACEMENT RIGHT DIRECTION OF TRAVEL.
7. PAVEMENT REINFORCING FABRIC (SEE SPECIFICATIONS FOR DETAILS).
8. PAVEMENT REINFORCING GRID (SEE SPECIFICATIONS FOR DETAILS).
9. SEE UT-SERIES SHEETS FOR STORMWATER TREATMENT SWALE.
10. DEEPEENED CURB SEE TX-02 FOR DETAIL.
11. 10 MIL PLASTIC MOISTURE BARRIER PER CITY STD-264 "MOISTURE BARRIER" (SEE SPECIFICATIONS FOR DETAILS). EXTEND 6" MIN INTO SUBGRADE.
12. BIKE PATH/ SCWA MAINTENANCE ACCESS ROAD.
13. SIDEWALK PER CITY STD-230E "SIDEWALK AND PLANTER DIMENSIONS FOR PARKWAYS".
14. EXISTING STRUCTURAL SECTION VARIES:
0.58" AC/1.17" AB BETWEEN STONY POINT RD. AND BELLEVUE-WILFRED CHANNEL
0.42" AC/1.08" AB BETWEEN BELLEVUE-WILFRED CHANNEL TO LANGHER AVE
0.25" AC/1.00" AB BETWEEN LANGHER AVE TO DOWDELL AVE
0.29" AC/1.42" AB BETWEEN DOWDELL AVE TO REDWOOD DR.
AVERAGE STRUCTURAL SECTION:
0.46" AC/1.17" AB

No.	REVISIONS	DATE	BY

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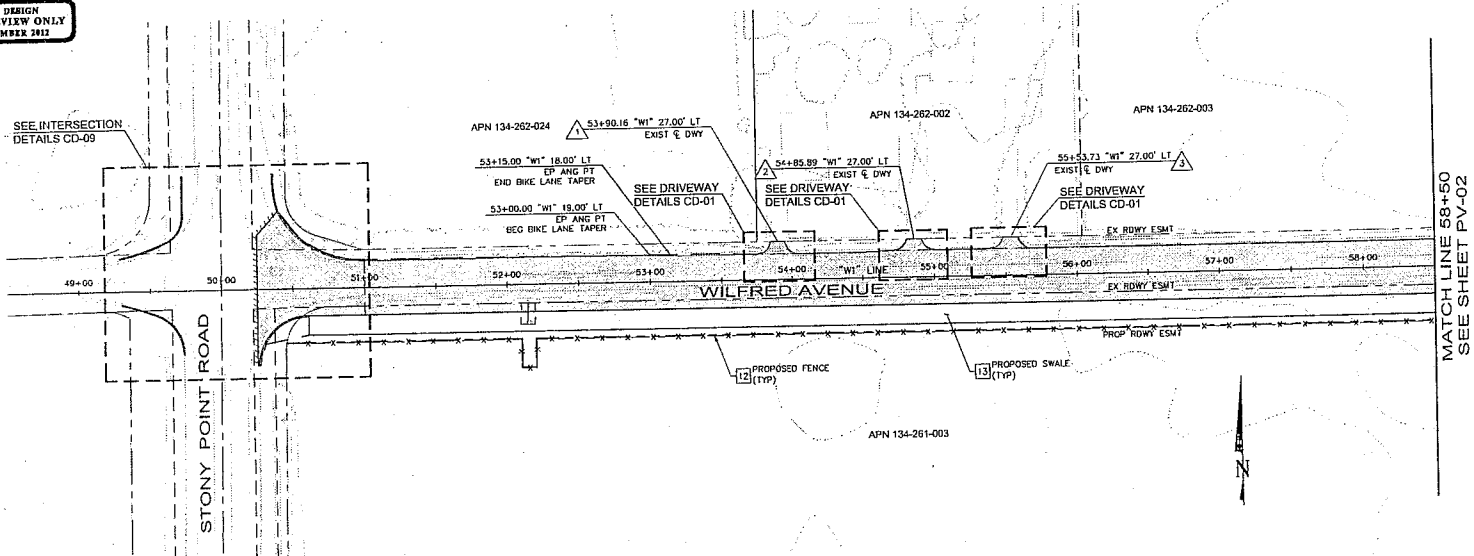
DESIGNED BY DCC/EAH	DRAWN BY DCC/LAH	CHECKED BY KK/CA
PLANS PREPARED UNDER SUPERVISION OF: KEVIN K. TSON REGISTERED CIVIL ENGINEER		
DECEMBER 2012 DATE	74561 PCE NO.	

WILFRED AVENUE IMPROVEMENTS
PREPARED FOR
CITY OF ROHNERT PARK
CITY OF ROHNERT PARK CA

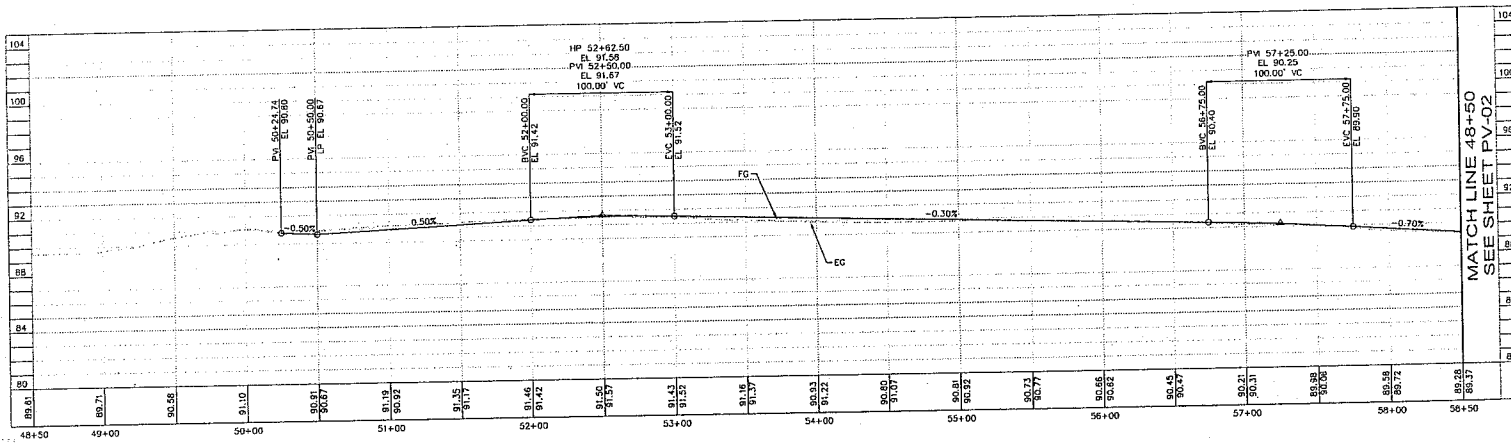
TYPICAL SECTIONS
TX-01
SHEET
06 of 118
JOB No.
097135005



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PLAN VIEW
SCALE 1" = 40'



"W1" LINE PROFILE
HORIZ SCALE 1" = 40'
VERT SCALE 1" = 4'

LEGEND:
(APPLIES TO ALL PV SHEETS)

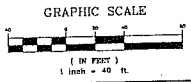
- REFER TO TX-SERIES FOR PAVEMENT STRUCTURAL SECTIONS.
- PCC SIDEWALK
- SAWCUT
- GRADE BREAK
- RIGHT OF WAY
- FENCE
- MATCH EXISTING
- DRIVEWAY DETAIL (SEE CD-SERIES FOR DETAILS)
- PROFILE ELEVATION

CONSTRUCTION NOTES:
(APPLIES TO ALL PV SHEETS)

- 1 SAWCUT PAVEMENT AND CONFORM TO EXISTING GRADE PER CITY STANDARD DRAWING STD-207.
- 2 SAWCUT SIDEWALK AT WEAKENED PLANE JOINT AND MATCH NEW SIDEWALK TO EXISTING GRADE.
- 3 CONSTRUCT CURB AND GUTTER TYPE B DEEPENED CURB ON TX-02. CONSTRUCT WEAKENED PLANES, SCORE MARKS, AND EXPANSION JOINTS PER CITY STANDARD DRAWING STD-235.
- 4 CONSTRUCT SIDEWALK PER CITY STANDARD DETAIL DRAWING STD-230F. CONSTRUCT WEAKENED PLANES, SCORE MARKS, AND EXPANSION JOINTS PER CITY STANDARD DRAWING STD-235.
- 5 CONSTRUCT STREET MEDIAN CURB PER CITY STANDARD DRAWING STD-242, TYPE A.
- 6 CONSTRUCT CURB RAMP PER CITY STANDARD DETAIL DRAWING STD-232B, CASE A. INSTALLATION OF CURB RAMP SHALL COMPLY WITH CITY STANDARD DETAIL DRAWING STD-232A. SINGLE CURB RAMP INSTALLATION PER CITY STANDARD DETAIL DRAWING STD-232F. INSTALL TRUNCATED DOWNS PER CITY STANDARD DRAWING DETAIL STD-232G.
- 7 MATCH ON-SITE IMPROVEMENTS BY OTHERS.
- 8 CONSTRUCT AC DIKE (TYPE A) PER CALTRANS STD. PLAN A87B.
- 9 CONSTRUCT BIKE PATH PER CITY STANDARD DETAIL DRAWING STD-238.
- 10 UTILITY ACCESS ROAD PER CITY STANDARD DETAIL DRAWING STD-216.
- 11 INSTALL ACCESS GATE, SEE SHEET CD-18 FOR ACCESS GATE DETAIL.
- 12 INSTALL FENCE, SEE SHEET CD-18 FOR FENCE DETAIL.
- 13 PROPOSED TREATMENT SWALE (SEE UT-SERIES FOR DETAILS).
- 14 MEDIAN DETAILS (SEE CD-SERIES FOR DETAILS).
- 15 BRIDGE (SEE BR-SERIES FOR DETAILS).
- 16 INSTALL 3" WIDE CURB CUT OPENING, SEE CD-SERIES FOR SIGN INFORMATION AND SEE SHEET CD-18 FOR CURB CUT DETAIL.
- 17 INSTALL FIRE HYDRANT PER CITY STANDARD DETAIL DRAWING STD-857.
- 18 PROVIDE MULCH WITHIN LANDSCAPING AREA.

GENERAL NOTES:
(APPLIES TO ALL PV SHEETS)

1. SEE DM-SERIES SHEETS FOR DEMOLITION PLAN.
2. SEE EC-SERIES SHEETS FOR EROSION CONTROL PLAN.
3. SEE UR-SERIES SHEETS FOR ELECTRICAL RELOCATION PLAN.
4. SEE UT-SERIES SHEETS FOR PROPOSED UTILITY PLAN.
5. SEE TS-SERIES SHEETS FOR TRAFFIC SIGNAL PLAN.
6. SEE SS-SERIES SHEETS FOR SIGNING AND STRIPING PLAN.
7. SEE BR-SERIES SHEETS FOR BRIDGE PLAN.
8. SEE LT-SERIES SHEETS FOR STREET LIGHTING PLAN.
9. SEE IC-SERIES SHEETS FOR INTERCONNECT PLAN.
10. AT SAWCUT LOCATIONS, PROVIDE LAP JOINT BETWEEN NEW STREET SECTION AND EXISTING STREET SECTION.
11. ALL STATION AND OFFSET CALL OUTS ARE REFERENCED FROM THE "W1" ALIGNMENT LINE.
12. CONTRACTOR SHALL VERIFY ALL RIGHTS OF WAY PRIOR TO CONSTRUCTION.
13. CONTRACTOR SHALL VERIFY DEPTH AND LOCATION OF UTILITIES PRIOR TO THE START OF CONSTRUCTION.



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DESIGNED BY DCC/T.M.	DRAWN BY DCC/T.M.	CHECKED BY KKT/C.A.
PLANS PREPARED UNDER SUPERVISION OF: KEVIN K. 1500 REGISTERED CIVIL ENGINEER		
DECEMBER 2012 DATE	74561 PRICE NO.	

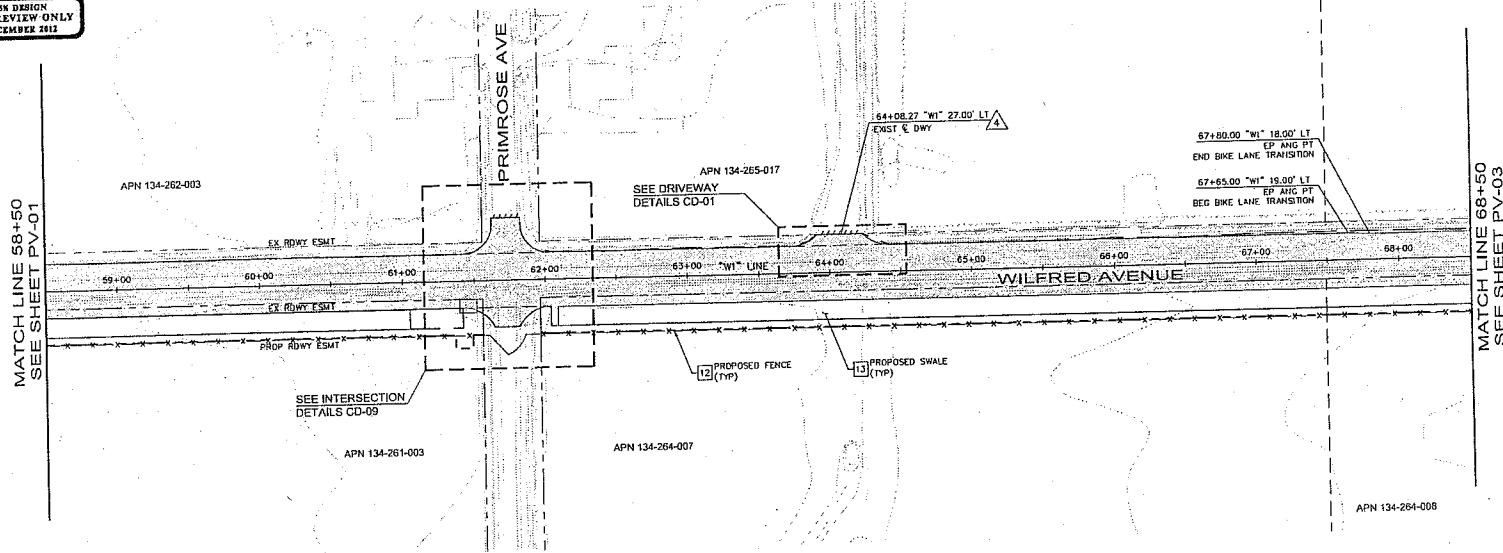
WILFRED AVENUE IMPROVEMENTS
PREPARED FOR
CITY OF ROHNERT PARK
CITY OF ROHNERT PARK

PLAN AND PROFILE
STA 48+50 TO 58+50

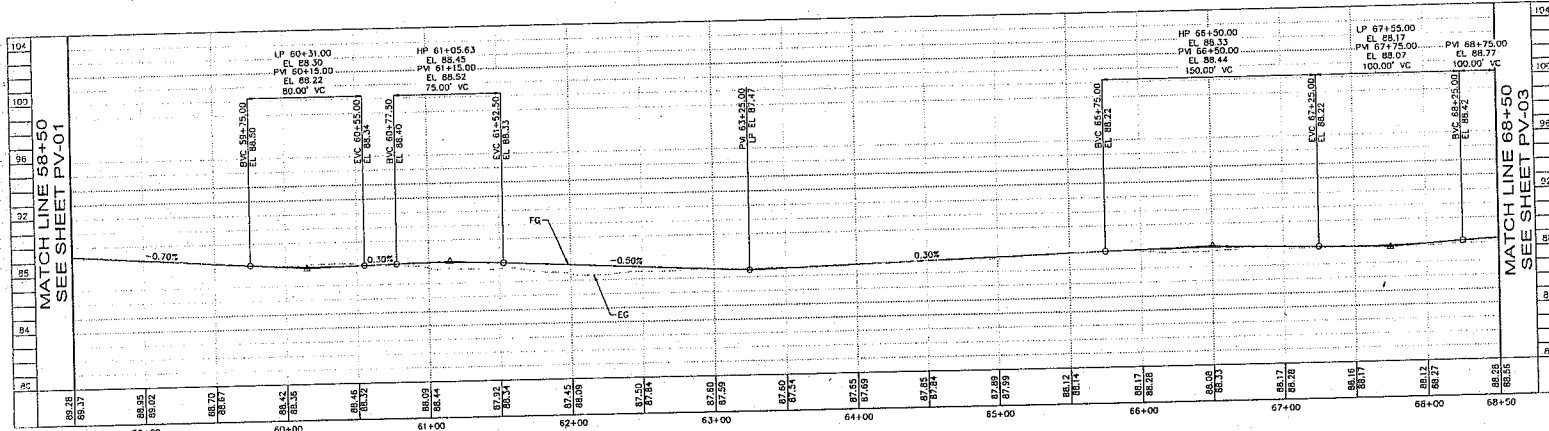
DRAWING NO. PV-01
SHEET 12 of 118
JOB NO. 097135006

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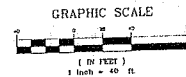
IN DESIGN
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DECEMBER 2012



PLAN VIEW
SCALE: 1" = 40'



"W1" LINE PROFILE
HORIZ SCALE: 1" = 40'
VERT SCALE: 1" = 4'



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DRAWN BY: DCC/LH
CHECKED BY: KKT/CA
PLANS PREPARED UNDER SUPERVISION OF:
KEVIN K. TSO
REGISTERED CIVIL ENGINEER
DECEMBER 2012 74561
DATE RCE NO.

WILFRED AVENUE IMPROVEMENTS
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CITY OF ROHNERT PARK
CA

PLAN AND PROFILE
STA 58+50 TO 68+50

DRAWING TO
PV-02
SHEET
13 of 118
JOB No.
097135006

LEGEND:
SEE SHEET PV-01

CONSTRUCTION NOTES:
SEE SHEET PV-01

GENERAL NOTES:
SEE SHEET PV-01

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CA 1-800-227-7600
CALL TWO WORKING DAYS BEFORE YOU DIG

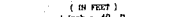
MATCH LINE 68+50
SEE SHEET PV-02

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GRAPHIC SCALE



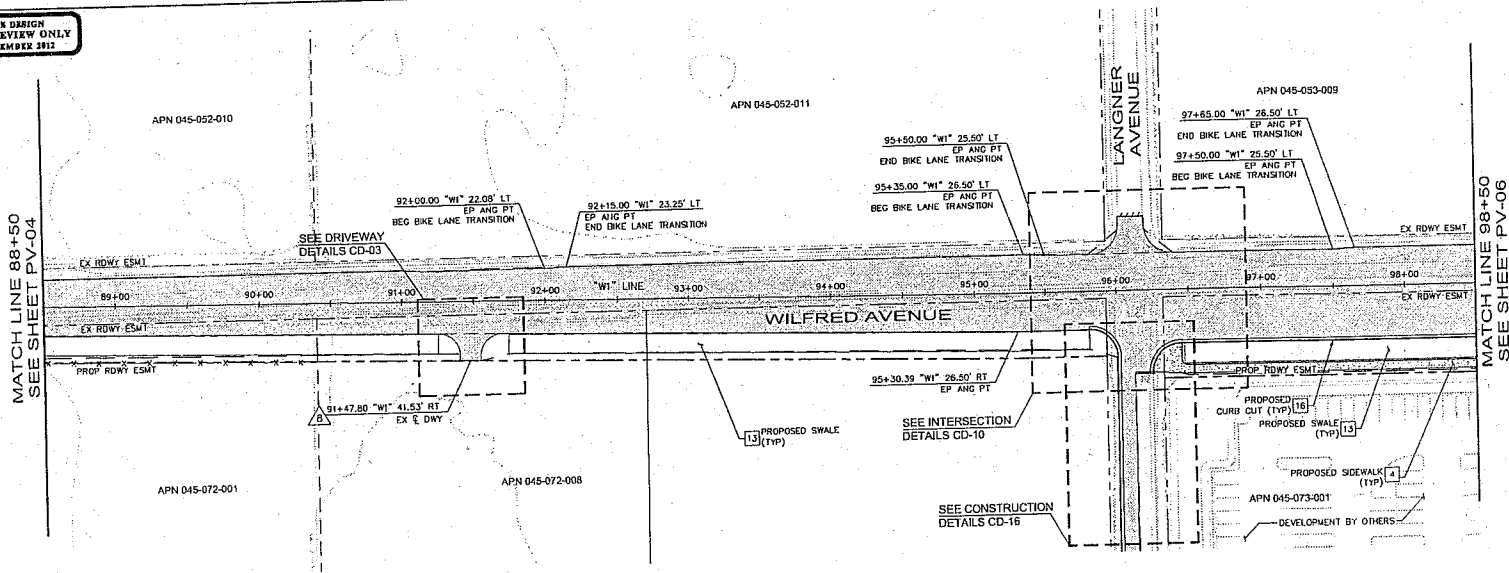
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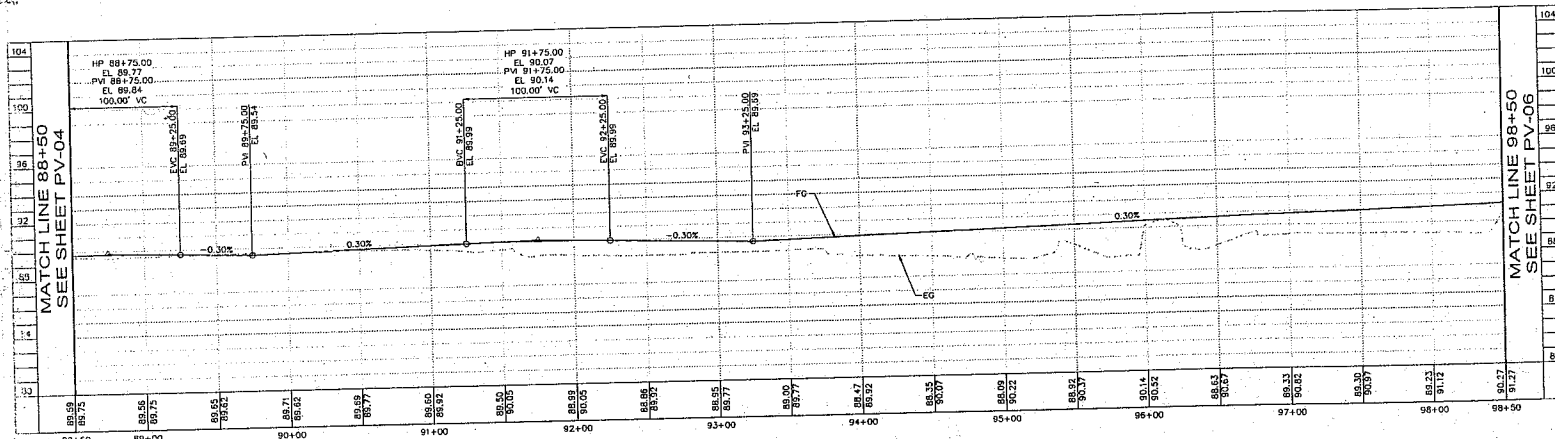
14 of 118
JOB No.
097135006

No.	REVISIONS	DATE	BY	

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PLAN VIEW
SCALE: 1" = 40'

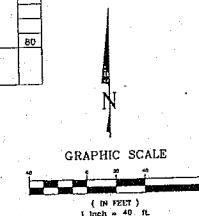


"W1" LINE PROFILE
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

LEGEND:
SEE SHEET PV-01.

CONSTRUCTION NOTES:
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GENERAL NOTES:
SEE SHEET PV-01.



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PLANS PREPARED UNDER SUPERVISION OF: KEVIN K. TSOU REGISTERED CIVIL ENGINEER		
DATE DECEMBER 2012	RCE NO. 74561	

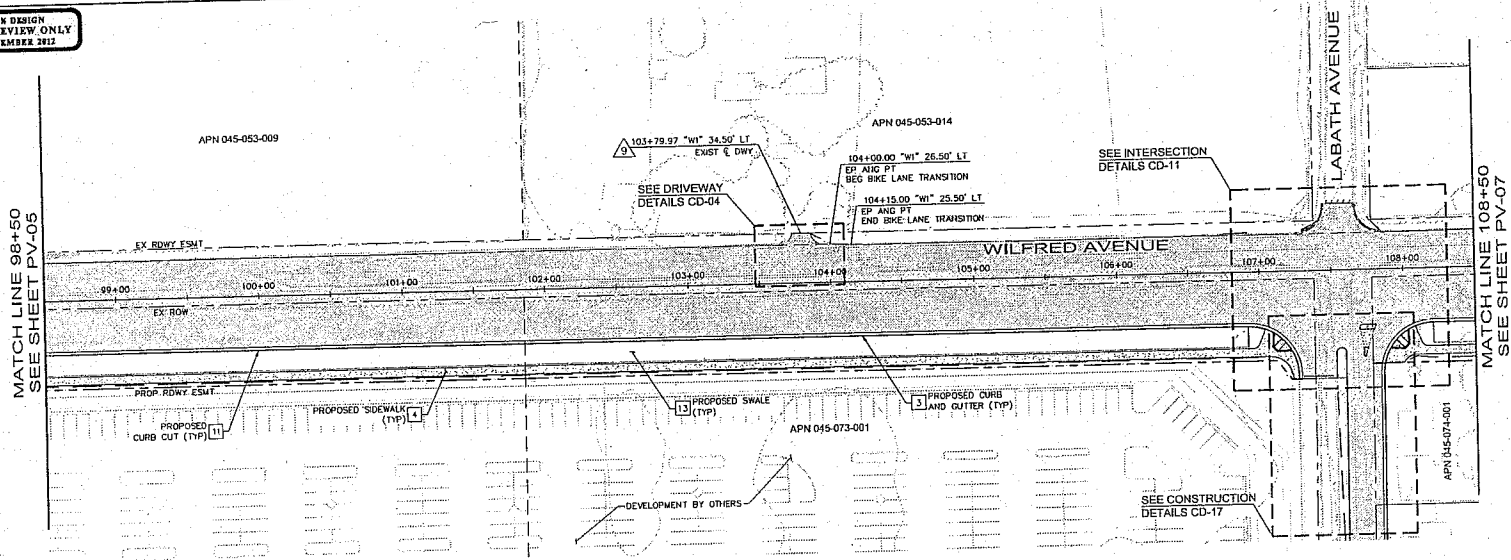
WILFRED AVENUE IMPROVEMENTS
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CITY OF ROHNERT PARK CA

PLAN AND PROFILE
STA 88+50 TO 98+50

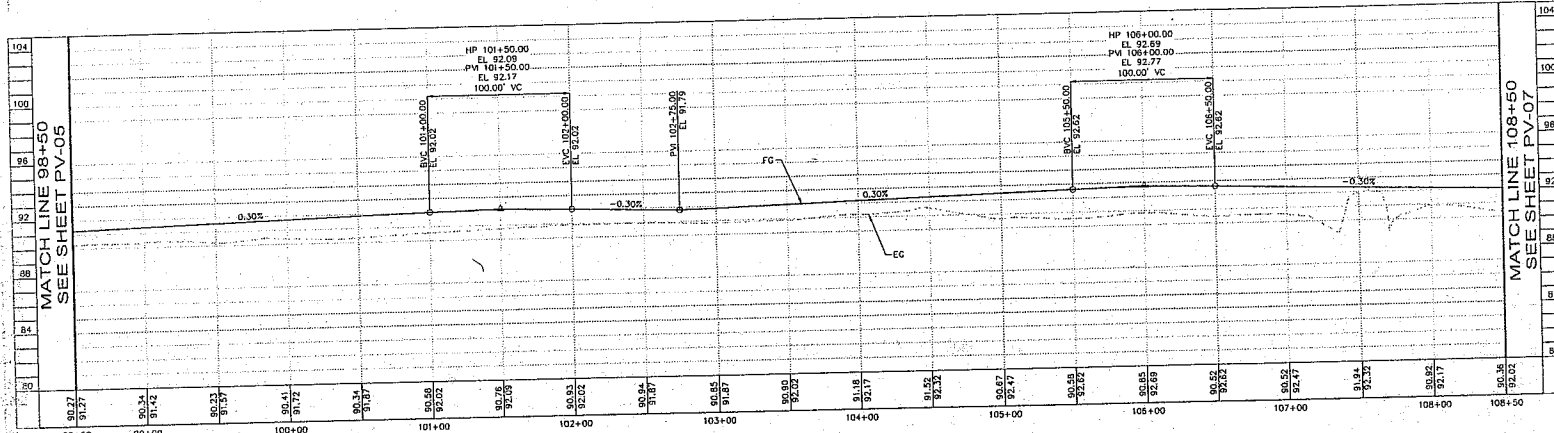
DRAWING NO.
PV-05
SHEET
16 of 118
JOB NO.
097135006

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85% DESIGN
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PLAN VIEW
SCALE: 1" = 40'

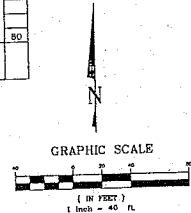


"W1" LINE PROFILE
HORIZ SCALE: 1" = 40'
VERT SCALE: 1" = 4'

LEGEND:
SEE SHEET PV-01.

CONSTRUCTION NOTES:
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GENERAL NOTES:
SEE SHEET PV-01.



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CHECKED BY: KKT/C.A.
PLANS PREPARED UNDER SUPERVISION OF:
KEVIN K. TSO
REGISTERED CIVIL ENGINEER
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CA

PLAN AND PROFILE
STA 98+50 TO 108+50

DRAWING NO.
PV-06
SHEET
17 of 118
JOB No.
097135006

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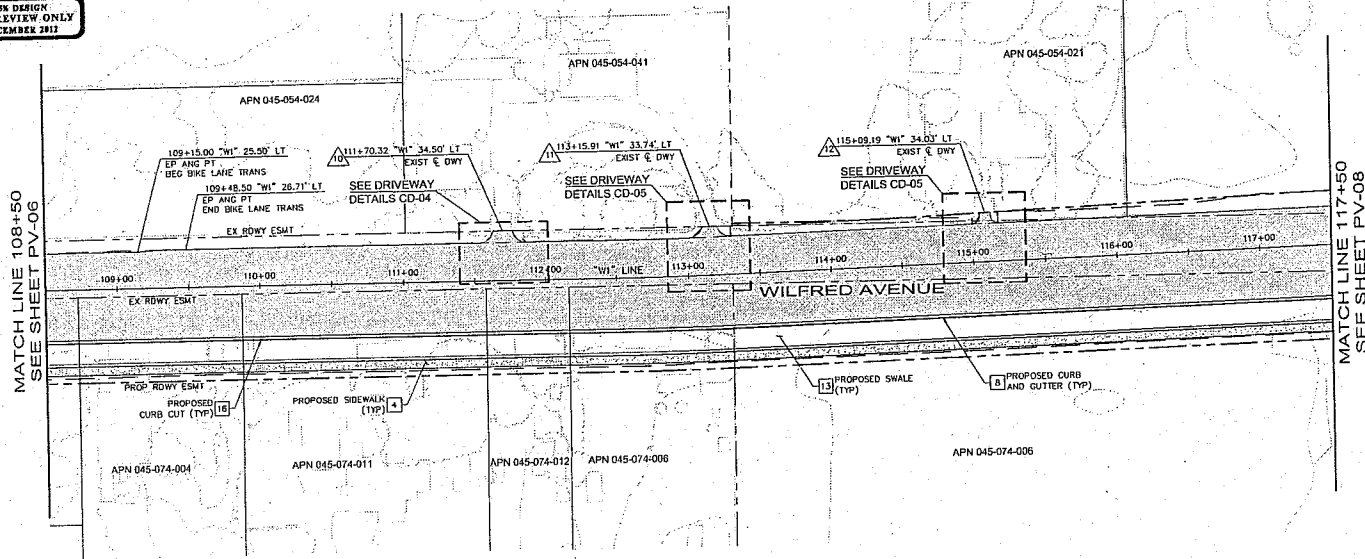
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SEE SHEET PV-06

MATCH LINE 117+50
SEE SHEET PV-08

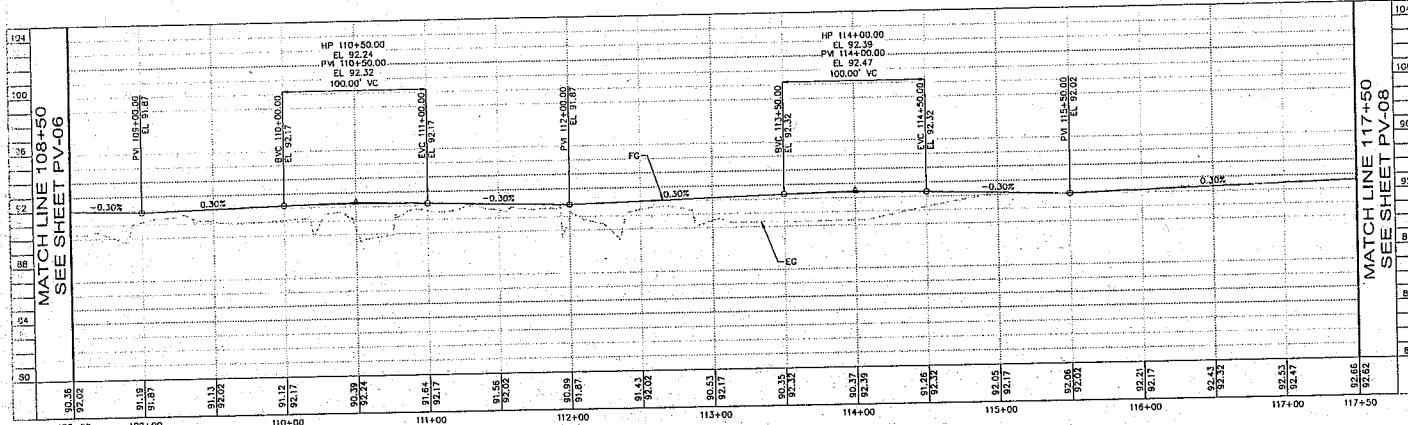
LEGEND:
SEE SHEET PV-01.

CONSTRUCTION NOTES:
SEE SHEET PV-01.

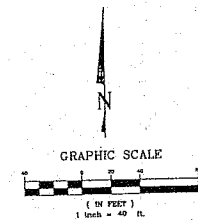
GENERAL NOTES:
SEE SHEET PV-01.



PLAN VIEW
SCALE: 1" = 40'



"W1" LINE PROFILE
HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'



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PLANS PREPARED UNDER SUPERVISION OF: KEVIN K. TSOU REGISTERED CIVIL ENGINEER		
DECEMBER 2012	74561	RCE NO.
DATE		

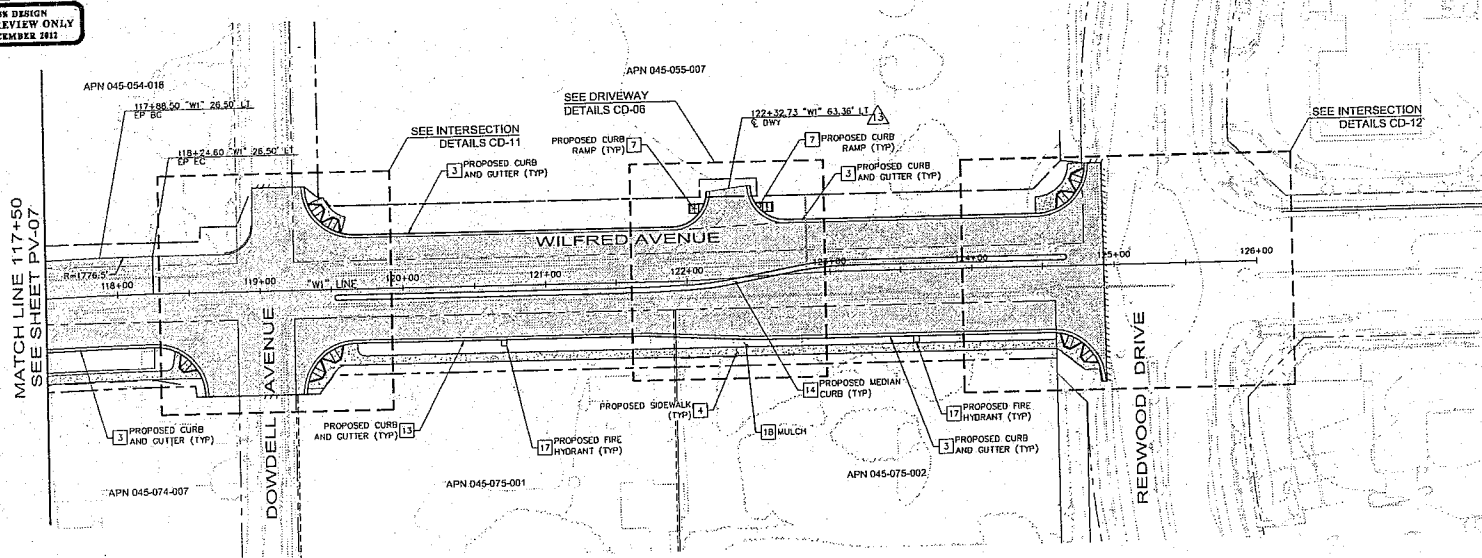
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CITY OF ROHNERT PARK

PLAN AND PROFILE
STA 108+50 TO 117+50

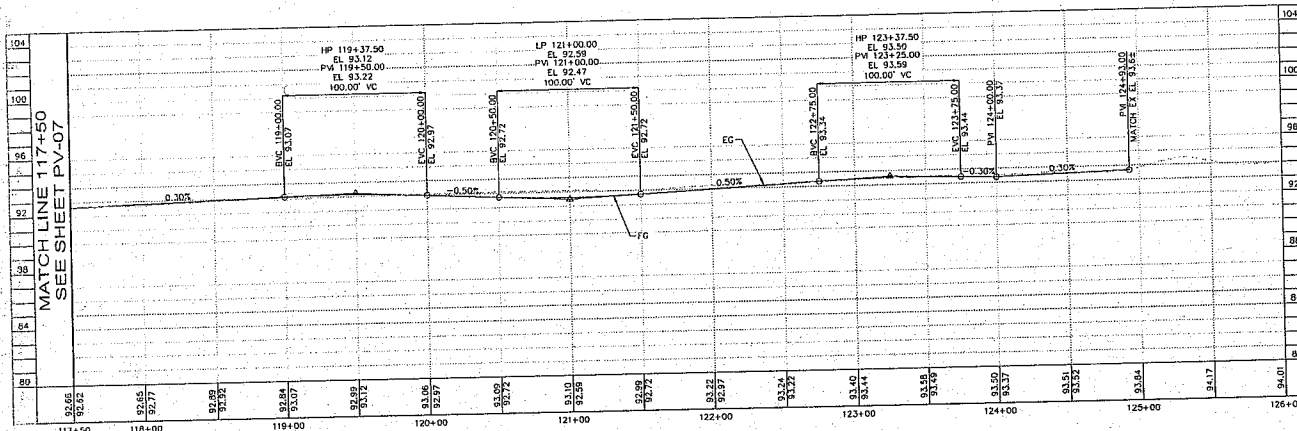
DRAWING NO.
PV-07
SHEET
18 of 118
JOB No.
097135006

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DECEMBER 2012



PLAN VIEW
SCALE: 1" = 40'

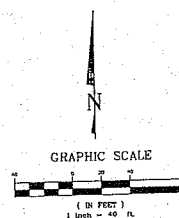


"W1" LINE PROFILE
HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'

LEGEND:
SEE SHEET PV-01.

CONSTRUCTION NOTES:
SEE SHEET PV-01.

GENERAL NOTES:
SEE SHEET PV-01.



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DESIGNED BY: DCC/TJH
DRAWN BY: DCC/TJH
CHECKED BY: KKT/CAL
PLANS PREPARED UNDER SUPERVISION OF:
KEVIN K. TSOU
REGISTERED CIVIL ENGINEER
DECEMBER 2012 74561
DATE RCE NO.

WILFRED AVENUE IMPROVEMENTS
PREPARED FOR
CITY OF ROHNERT PARK

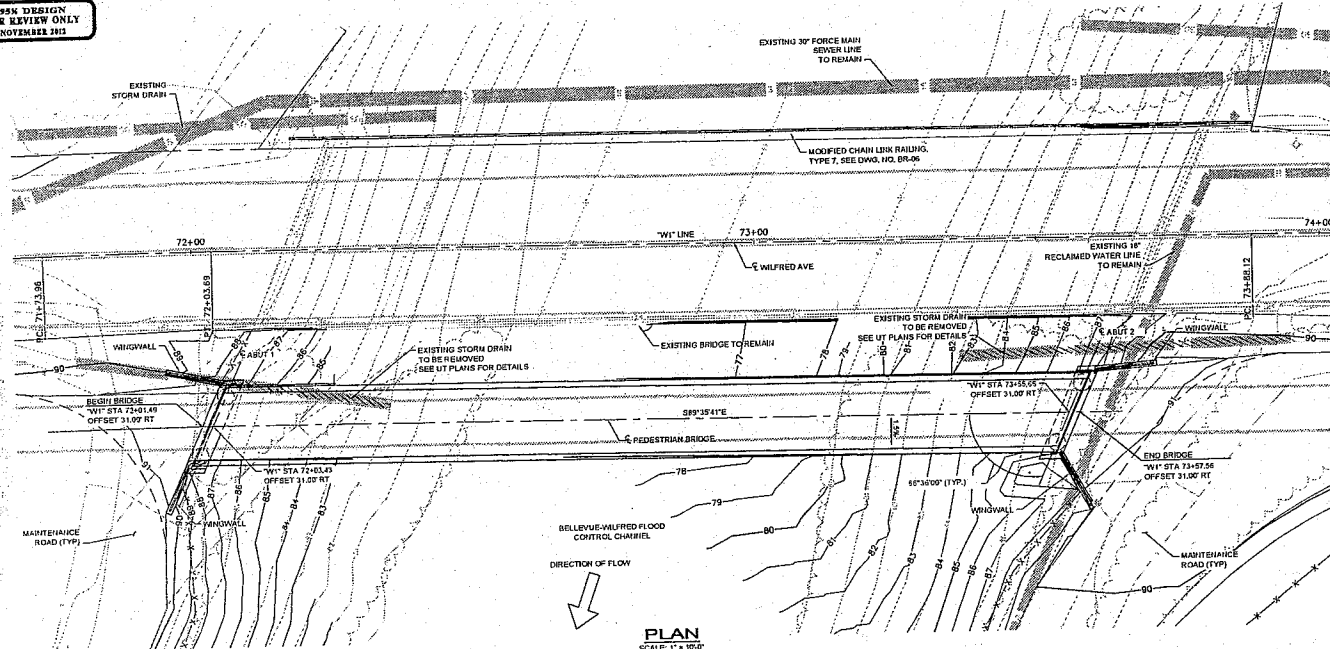
CITY OF ROHNERT PARK

PLAN AND PROFILE
STA 117+50 TO 126+00

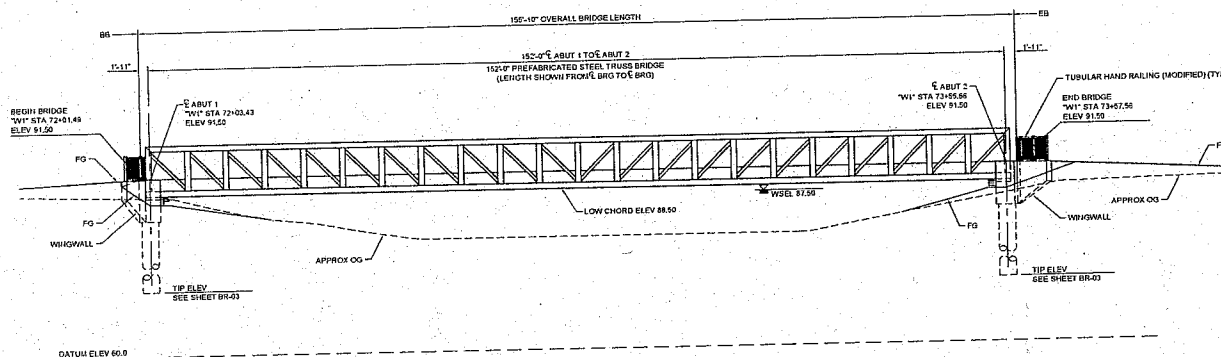
DRAWING NO.
PV-08
SHEET
19 of 118
JOB NO.
097135006

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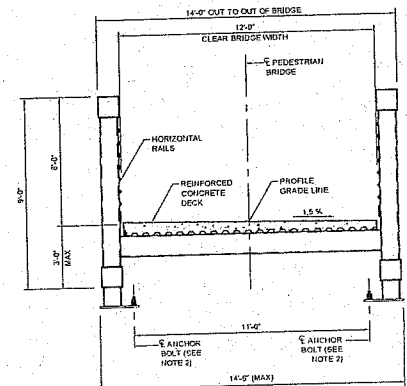


PLAN
SCALE: 1" = 10'-0"
NEW PREFABRICATED STEEL TRUSS BRIDGE
SKEW 23°23'37" RIGHT



ELEVATION
SCALE: 1" = 10'-0"
(ELEVATION SHOWN IS ALONG PROFILE GRADE LINE)
WSEL = WATER SURFACE ELEVATION

P-PHASED
E-EXPANSION



TYPICAL SECTION
SCALE: 1" = 1'-0"

- NOTES
1. TYPICAL SECTION PROVIDES GENERAL TRUSS CONFIGURATION AND DESIGN REQUIREMENTS. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
 2. ANCHOR BOLT LAYOUT AND DETAILS SHALL BE COORDINATED WITH PREFABRICATED STEEL TRUSS BRIDGE MANUFACTURER. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.



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PHONE: 925-358-4840 FAX: 925-358-4849
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DESIGNED BY: KJK
DRAWN BY: MSK
CHECKED BY: KR
PLANS PREPARED UNDER SUPERVISION OF:
KEVIN NIUM
REGISTERED CIVIL ENGINEER

DATE: RCE NO.:

WILFRED AVENUE IMPROVEMENTS
PREPARED FOR
CITY OF ROHNERT PARK

CITY OF ROHNERT PARK

BELLEVUE-WILFRED CHANNEL PEDESTRIAN BRIDGE
BRIDGE GENERAL PLAN

CA

DRAWING NO
BR-01
SHEET
75 of 118
JOB No.
097135005

\\V:\V:\Structural\107135005-Bellevue-Wilfred Channel Pedestrian Bridge\Drawings\BR-01.dwg Plot Date: 11/21/2012 11:31:23am

25% DESIGN
FOR REVIEW ONLY
DECEMBER 2012

MATCH LINE 68+50
SEE SHEET UT-04

MATCH LINE 73+50
SEE SHEET UT-06

- LEGEND**
- PROPOSED BIOTENTION SWALE
 - PROPOSED STORM DRAIN
 - PROPOSED SANITARY SEWER
 - PROPOSED WATER
 - EXISTING STORM DRAIN
 - EXISTING SANITARY SEWER
 - EXISTING WATER
 - EXISTING RECLAIMED WATER
 - EXISTING GAS
 - EXISTING ELECTRICAL
 - SLURRY FILL AND ABANDON-IN-PLACE
 - DEMOLISH AND REMOVE
 - EXISTING GROUND AT SWALE CENTERLINE
 - BIOTENTION SWALE FLOW LINE
 - PROPOSED ROADWAY EASEMENT
 - APPROXIMATE SEASONAL HIGH GROUNDWATER
 - BIOTENTION SWALE FLOW DIRECTION

GENERAL NOTES

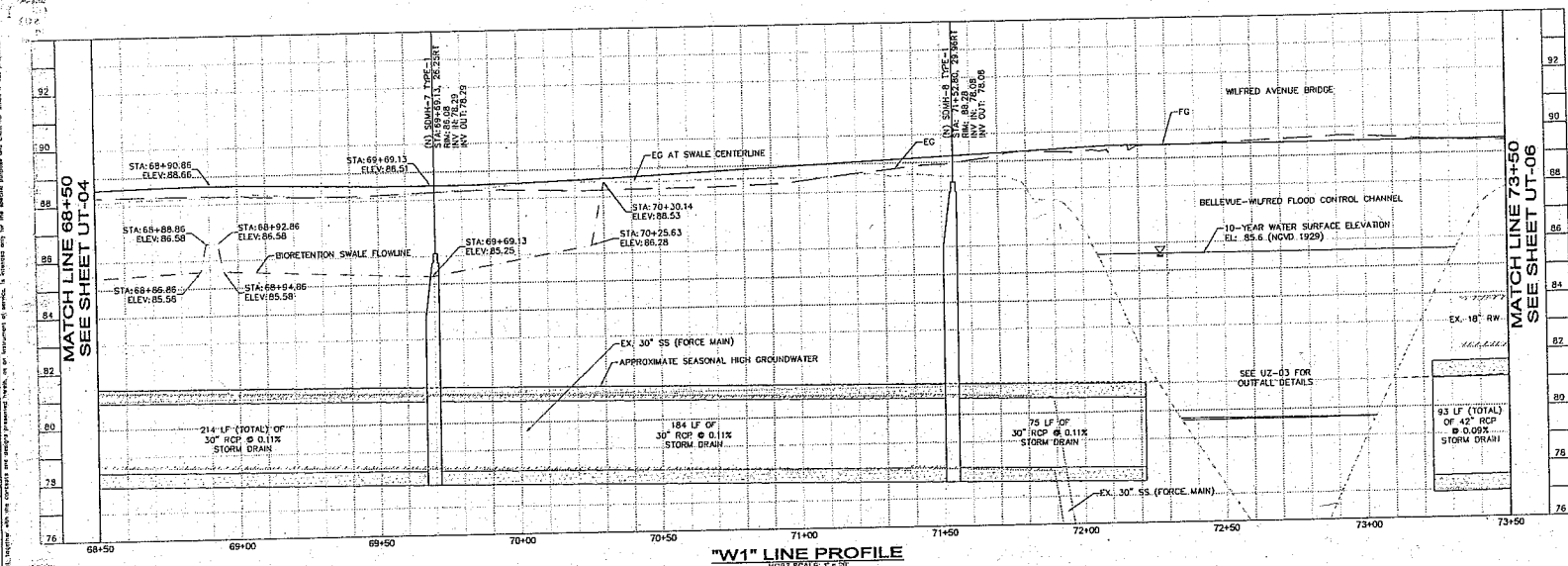
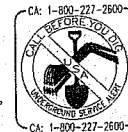
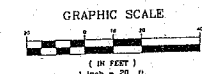
- CONTRACTOR TO VERIFY LOCATION AND DEPTHS OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS. IF CONFLICTS ARE FOUND, ENGINEER SHALL BE CONTACTED IMMEDIATELY.
- ALL EXISTING UTILITIES FOUND DURING CONSTRUCTION SHALL BE PROTECTED IN-PLACE UNLESS OTHERWISE NOTED.
- APPROXIMATE 4' DEPTH TO SEASONAL HIGH GROUNDWATER LEVEL, PER CITY DIRECTORY, SEE PROFILE FOR APPROXIMATE ELEVATION.
- SEE DEMOLITION PLANS FOR ALL ELECTRICAL RELOCATIONS AND REMOVALS.
- ALL STATION AND OFFSETS ARE TAKEN FROM WILFRED AVENUE CENTERLINE "M" UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL REPLACE ANY EXISTING UTILITIES WHICH ARE TO REMAIN AND ARE DAMAGED AS A RESULT OF THE CONSTRUCTION ACTIVITIES. REPLACEMENT OF DAMAGED FACILITIES SHALL BE AT NO ADDITIONAL COST TO THE OWNER.
- ALL WATER LINES AND FITTINGS SHALL BE FULLY RESTRAINED.

UTILITY NOTES

- PROTECT-IN-PLACE
- DEMOLISH & REMOVE
- SLURRY FILL & ABANDON
- INSTALL BIOTENTION SWALE (1&2 ON U2-04)
- LIMITS OF BIOTENTION SWALE
- BIOTENTION SWALE HIGH POINT
- BEGIN 6" SDR-26 PERFORATED PVC (1&2 ON U2-04)
- INSTALL STORM DRAIN MANHOLE TYPE-1 (2 ON U2-01)
- INSTALL 18" CL V RCP STORM DRAIN
- INSTALL 30" CL III RCP STORM DRAIN
- INSTALL 42" CL III RCP STORM DRAIN
- INSTALL STORM DRAIN OUTFALL (1 ON U2-03)
- END 6" SDR-26 PERFORATED PVC (1&2 ON U2-04)

PLAN VIEW
SCALE: 1" = 20'

"W1" LINE PROFILE
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 2'

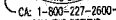
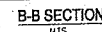
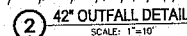


				 Kimley-Horn and Associates, Inc.			DESIGNED BY	DRAWN BY	CHECKED BY
							BAS	BAS	CRS
							PLANS PREPARED UNDER SUPERVISION OF:		
							RKT		
							REGISTERED CIVIL ENGINEER		
				© 2012 KIMLEY-HORN AND ASSOCIATES, INC. 6130 STONERIDGE MALL RD, STE 370 PLEASANTON, CA 94588 PHONE: 925-398-4840 FAX: 925-398-4849 WWW.KIMLEY-HORN.COM			DECEMBER 2012	74561	
							DATE	RCE NO.	
						CITY OF ROHNERT PARK			
						CA			
						WILFRED AVENUE IMPROVEMENTS PREPARED FOR CITY OF ROHNERT PARK			
						UTILITY PLANS STA: 68+50 TO 73+50			
						UT-05 SHEET 85 of 118 JOB NO. 097135005			

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DRAWING NO.

U7-03

SHEET

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102 of 118

JOB No:

097135006

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DECEMBER 2012	74561	
DATE	REC NO.	

WILFRED AVENUE IMPROVEMENTS
PREPARED FOR
CITY OF ROHNERT PARK

CITY OF ROHNERT PARK

CA

UTILITY DETAILS
SHEET 3 OF 7

DRAWING NO.

U7-03

SHEET

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102 of 118

JOB No:

097135006