Attachment I

# Public Facilities Finance Plan and Phasing Plan

# **Engineers Estimate of Costs**

Attachment I NorthStar Engineering Group, Inc.

620 12th Street Modesto, CA 95354 Phone (209) 524-3525 Fax (209)524-3526

# Tra Vigne (West & East) Engineer's Estimate of Probable Cost

Summary of Total Improvements

I. Tra Vigne Shared Construction Cost Summary	
A. Off-Site West Lane Total Street Improvements	\$4,582,421.02
B. Off-Site 8 Mile Rd Total Street Improvements	\$4,187,535.67
C. West Lane - 8 Mile Total Intersection Improvements	\$413,688.00
D. Sanitary Sewer Infrastructure	\$872,090.00
E. Potable Water System Infrastructure	\$2,879,780.00
F. West lane / Bear Creek 24" Water Crossing Infrastructure	\$374,750.00
G. Off-Site Mitigation Improvements	\$412,928.75
SUB-TOTAL ===>	\$13,723,193.43
CONSTRUCTION SUB-TOTAL ===>	\$13,723,193.43
CONTINGENCY - 10% ===>	\$1,372,319.34
CONSTRUCTION TOTAL ===>	\$15,095,512.78
SOFT COSTS - 35% ===>	\$5,283,429.47
GRAND TOTAL ===>	\$20,378,942.25
TOTAL LOTS ===>	1,212
COST PER LOT ===>	\$16,814.31
GRAND TOTAL IMPROVEMENTS AVAILABLE FOR PFF CREDITS ===>	\$2,933,499.34
GRAND TOTAL REIMBURSABLE OFF-SITE SHARED IMPROVEMENTS ===>	\$2,136,319.93
GRAND TOTAL PFF FEE CREDITS AND REIMBURSABLE IMPROVEMENTS ===>	\$5,069,819.27
	¢15 200 100 07
GRAND TOTAL OFF-SITE SHARED IMPROVEMENTS LESS REIMBURSEMENTS ===>	\$15,309,122.97
TOTAL LOTS ===>	1,212

\$12,631.29 COST PER LOT ===>

II. Tra Vigne West In-Tract Construction Cost Summary	
A. Tra Vigne West In-Tract Major Infrastructure	\$4,876,151.50
B. Tra Vigne West Backbone In-Tract Improvements	\$10,279,108.00
C. Tra Vigne West In-Tract Improvements	\$18,090,349.25
SUB-TOTAL ===>	\$33,245,608.75
CONSTRUCTION SUB-TOTAL ===>	\$33,245,608.75
CONTINGENCY - 10% ===>_	\$3,324,560.88
CONSTRUCTION TOTAL ===>	\$36,570,169.63
SOFT COSTS - 35% ===>	\$12,799,559.37
GRAND TOTAL ===>	\$49,369,728.99
TOTAL LOTS ===>	794
COST PER LOT ===>	\$62,178.50
SUB-TOTAL TRA VIGNE WEST IN-TRACT AND SHARED COSTS ===>	\$59,398,972.92
	<u>, , , ,</u>
TOTAL LOTS ===>	794
COST PER LOT ===>	\$74,809.79
GRAND TOTAL IMPROVEMENTS AVAILABLE FOR PFF CREDITS ===> GRAND TOTAL REIMBURSABLE OFF-SITE SHARED IMPROVEMENTS ===>	\$4,419,771.35 \$218,146.50
GRAND TOTAL PFF FEE CREDITS AND REIMBURSABLE IMPROVEMENTS ===>	\$4,637,917.85
GRAND TOTAL TRA VIGNE WEST IN-TRACT AND SHARED COSTS ===>	\$54,761,055.08
TOTAL LOTS ===>	794

COST PER LOT ===> \$68,968.58

III.       Tra Vigne East In-Tract Construction Cost Summary         A.       Tra Vigne East In-Tract Major Infrastructure	\$2,483,358.00
B. Tra Vigne East In-Tract Improvements	\$9,855,245.03
SUB-TOTAL ===>	\$12,338,603.03
CONSTRUCTION SUB-TOTAL ===>	\$12,338,603.03
CONTINGENCY - 10% ===>	\$1,233,860.30
CONSTRUCTION TOTAL ===>	\$13,572,463.33
SOFT COSTS - 35% ===>	\$4,750,362.17
GRAND TOTAL ===>	\$18,322,825.50
TOTAL LOTS ===>	418
COST PER LOT ===>	\$43,834.51
SUB-TOTAL TRA VIGNE EAST IN-TRACT AND SHARED COSTS ===>	\$23,602,704.5
TOTAL LOTS ===>	418
COST PER LOT ===>	\$56,465.8
GRAND TOTAL IMPROVEMENTS AVAILABLE FOR PFF CREDITS ===>	\$3,273,649.8
GRAND TOTAL REIMBURSABLE OFF-SITE SHARED IMPROVEMENTS ===>	\$103,534.2
GRAND TOTAL PFF FEE CREDITS AND REIMBURSABLE IMPROVEMENTS ===>	\$3,377,184.03
GRAND TOTAL TRA VIGNE EAST IN-TRACT AND SHARED COSTS ===>	\$20,225,520.5
TOTAL LOTS ===>	418

COST PER LOT ===> \$48,386.41

### TABLE X.X

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### Infrastructure Linkage to Development Phases

Offsite, On-Site Backbond, and Other Shared Infrastructure

				DJECT VERTICAL DEVELOPMENT PHASES																
ITEM	DESCRIPTION			CONTRACT OF BUILD						WES	Г						1	EA	ST	
		PHASE EX. REF	MILESTONE	1 6.1	2 6.2	3 6.3	4 6.4	5 6.5	6 6.6	7 6.7	8 6.8	9	10 6.10	11		MF	1	2	3 7.3	4
1	Off-Site West Lane Total Street Improvements	EX. HE	Description 4	0.1	0.2	0.5	0.4	0.5	0.0	0.7	0.8	0.9	10.10	0.11	0.12	0.12	7.1	1.2	7.3	7.4
1.A	Off-Site West Lane Street Improvements from Eight Mile Road to Road "B" (Includes Road "B" Intersection)	2.1 , 2.2 2.3				X			x	X	x	x	X	X	x	X				
1.B	Off-Site West Lane Street Improvements from Road "B" to Bear Creek	2.1 , 2.2 2.3	MILESTONE	М	М	М	М	М	м	М	м	М	М	М						
1.C	Traffic Signal Improvements Only at the Intersection of West Lane and Road "B"	2.1 , 2.3	MILESTONE	М	М	М	М	М	М	М	М	М	М	М						
2	Off-Site 8 Mile Rd Total Street Improvements																			
2.A	Off-Site Eight Mile Road Street Improvements from West Lane to Ham Road	2.1 , 2.4 2.5						F						Р	x	X	Х	x	x	x
2.B	Off-Site Eight Mile Road Street Improvements from Ham Road to Leach Road	2.1 , 2.4 2.5															х	x	х	X
2.C	Traffic Signal Improvements Only at the Intersection of 8-Mile Road and Road "C"	2.1 , 2.5													х	x				
2.D	Traffic Signal Improvements Only at the Intersection of 8-Mile Road and Leach Road	2.1 , 2.5															х	x	х	x
2.E	RTD Bus Stop along Eight-Mile Road adjacent to Commercial Land Use	2.1 , 2.5													х	X				
3	West Lane - 8 Mile Total Intersection Improvements																			
3.A	West Lane and Eight Mile Road Intersection Street Improvements and Traffic Signal:	2.1 , 2.3 2.5								X	х	x	X	x	x	X				
4	Sanitary Sewer Infrastructure																			
4.A	24" Sewer Main from the Existing Manhole North of McNair High School east to West Lane	3.1	MILESTONE	М	М	М	м	М	М	М	М	М	м	М	м	М	М	M	м	М
4.B	24" Sewer Main along West Lane from Bear Creek to Road "A"	3.1	MILESTONE	М	М	М	М	М	М	М	М	М	М	М	М	М	М	Μ	М	М
5	Potable Water System Infrastructure																			
	12" Water Main in Eight Mile Road from Marlette Road to Lower Sacramento Road	3.1	MILESTONE	М	м	М	м	М	М	М	М	М	М	М	м	M	м	М	м	М
5.B	24" Water Main in Eight Mile Road from Lower Sacramento Road to West Lane	3.1	MILESTONE	М	М	M	М	М	М	М	М	М	М	М	М	М	М	М	М	М
5.0	24" Water Main in Eight Mile Road from West Lane to Ham Road	3.1													х	X	х	X	X	x
	24" Water Main in Eight Mile Road from Ham Road to East End of Tra Vigne East	3.1													х	X	x	X	X	Х
	24" Water Main in West Lane from Eight Mile Road to Bear Creek Undercrossing	3.1	MILESTONE	М	М	М	М	М	М	М	М	М	м	М	м	М	м	М	м	M
6	West lane / Bear Creek 24" Water Crossing Infrastructure																			
	24" Water Main Undercrossing along West Lane under Bear Creek	3.1	MILESTONE	М	м	М	М	М	М	М	М	М	м	M	М	М	М	M	м	М
7	Off-Site Mitigation Improvements																			
7.A	Part I - Morada Lane - Dedicated Right-Turn Lane	2.6				т	ОВ	ЕВА	SED	O ON	TR	AFF		OLU	ME	ANA	YS	IS		
7.B	Part II - Lower Sacramento Road Intersection Modifications	2.6	MILESTONE	М	М	М	М	М	М	M	М	M	М	М	М	М	м	М	М	М
8	Shared Storm Drain Pipes, Basin, and Pump Station Infrastr	ucture																		
8 4	Storm Drainage Base Pump Station, Infrastructure, and Treatment	3.1	MILESTONE	М	м	М	М	М	М	М	М	М	М	М	м	М	м	М	м	М
	Storm Drainage Basin Construction	3.1	MILESTONE	М	М	М	М	М	М	М	М	М	М	М	М	М	М	М	М	М
81:1	Storm Drainage Basin Fencing, Landscaping and Erosion Control	3.1	MILESTONE	М	М	М	М	М	М	М	М	М	М	М	М	М	м	М	м	М

Engineer's Estimate of Probable Cost Phased Infrastructure Matrix (Continued)

			PROJECT VERTICAL DEVELOPMENT PHASES WEST										EA	ST	_						
I	TEM	DESCRIPTION	PHASE	MILESTONE	1	2	3	4	5	6	7	8	9	10	11		MF	1	2	3	
	9	Tra Vigne West Oversized Backbone Water System Improv	EX. REF		6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	6.10	6.11	6.12	6.12	7.1	7.2	7.3	7
THE R	ETELS Day	Oversized Water System for Road "A" - Segments (A1), (A2),			L'entre a		Colorado Colorado						E STR						1		
-		and (A3)	3.1				X			Х	X	Х		X	X						Contraction of the
_		Oversized Water System for Road "B" - Segment (B)	3.1		X	х	X	х	Х	Х			Х							ſ-	The second
	9.0	Oversized Water System for Road "C" - Segments (C1), (C2), (C3), (C4), and (C5)	3.1		X	х	X	Х	x	Х	x	Х	x	х	x	х	х				Prophysics and
	9.D	Oversized Water System for Roads "AA", "BB" AND "FF" - Segments (BB1), (BB2), (BB3), (AA), and (FF)	3.1					х	x	Х			X								
and the second	10	Tra Vigne West In-Tract Parks, Landscaping, Open Space, a	and Recre	ational Improv	eme	nts															- Internation
1		In-Tract Park Landscaping Improvements (Does Not Include Major Amenities) (Per Development Agreement)	3.1 , 4.1 5.1						PE	R D	EVEI	LOP	MEN	IT A	GRE	EM	ENT		P.C. Har		
	STERNING.	Tra Vigne West Backbone In-Tract Improvements																			
1	11.A	Total Tra Vigne West Site Mass Clearing and Rough Grading	4.1 , 5.1		X	X	X	х	x	х	X	Х	X	х	X	x	X	Р	Ρ	Р	
1	11.B	Backbone Street Improvements for Road "A" - Segments (A1), (A2), and (A3)	4.1 , 5.1				P			Р	Ρ	Р		х	X			Р	Р	Р	
1		Backbone Street Improvements for Road "B" - Segment (B)	4.1 , 5.1		X	Х	x	Х	X	х			X					Р	Ρ	Р	
1	11.D	Backbone Street Improvements for Road "C" - Segments (C1), (C2), (C3), (C4), and (C5)	4.1 , 5.1		Ρ	Р	Ρ	Ρ	Ρ	Р	Ρ	Р	Р	Р	Р	Р	P	Р	Ρ	Р	
1		Backbone Street Improvements for Roads "AA", "BB" AND "FF" - Segments (BB1), (BB2), (BB3), (AA), and (FF)	4.1 , 5.1			1		Ρ		Р			X					Р	Ρ	Ρ	
1	11 E	Backbone Street Improvements for Road "E" - Segment (E) - East of Road "C"	4.1 , 5.1									х		x	x	-					
1	16	Backbone Street Improvements for Road "T" - Segment (T1) and (T2)	4.1 , 5.1		Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	Ρ	Р	x	Р	Ρ	Р	Ρ	Р	Ρ	Ρ	
	12	Tra Vigne West In-Tract Improvements																			1 100 100
1	12.A	Phase 1 - In-Tract Improvements:	4.1 , 6.1		x	Р	Р	Ρ	Р	Р	Ρ	Ρ	Ρ	Ρ	Р	Р	Ρ	Р	Ρ	Р	Ī
1	12.B	Phase 2 - In-Tract Improvements:	4.1 , 6.2			х	Ρ														
1	2.C	Phase 3 - In-Tract Improvements:	4.1 , 6.3				x														I
1	2.D	Phase 4 - In-Tract Improvements:	4.1 , 6.4					х	P												Ì
1	2.E	Phase 5 - In-Tract Improvements:	4.1 , 6.5						X												İ
1	2.F	Phase 6 - In-Tract Improvements:	4.1 , 6.6			1				х											
1	2.G	Phase 7 - In-Tract Improvements:	4.1 , 6.7							-	X	Ρ				•					
1	2.H	Phase 8 - In-Tract Improvements:	4.1 , 6.8									х									ł
1	12.1	Phase 9 - In-Tract Improvements:	4.1 , 6.9										X								
1	2.J	Phase 10 - In-Tract Improvements:	4.1 , 6.1											Х	Ρ						
1	2.K	Phase 11 - In-Tract Improvements:	4.1 , 6.11												x						ł
1	2.L	Phase 12 - Commercial and Mult-Family Land Use	4.1 , 6.12												X	х	x				ł

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Engineer's Estimate of Probable Cost Phased Infrastructure Matrix (Continued)

		PB	OJECT					1	/ERT	ICAL	DEV	ELOF	PMEN	T PH	ASES					
ТЕМ	DESCRIPTION									NEST	Г							EA	ST	
		PHASE EX. REF	MILESTONE	1 6.1	2 6.2	3 6.3	4	5 6.5	6 6.6	7	8 6.8	9	10		CM 6.12 6		1	2	3	4
13	Tra Vigne East Oversized Backbone Water System Improv	and the second																	1.0	1
13.A	Oversized Water System for Backbone Roads	3.1															Х	X	х	X
	Tra Vigne East In-Tract Parks, Landscaping, Open Space, a	and Recrea	ational Improv	emen	ts															
14.A	In-Tract Park Landscaping Improvements (Does Not Include Major Amenities) (Per Development Agreement)	3.1 , 4.1 5.1						PE	R DI	EVE	LOP	MEN	IT A	GRE	EME	NT				
15	Tra Vigne East In-Tract Improvements									A Star										
15.A	Backbone Street Improvements	4.1 , 5.1															х	X	х	X
15.B	Phase 1 - In-Tract Improvements	4.1 , 7.1															х			
15.C	Phase 2 - In-Tract Improvements	4.1 , 7.2																x		
15.D	Phase 3 - In-Tract Improvements	4.1 , 7.3			G.														х	
	Phase 4 - In-Tract Improvements	4.1 , 7.4																C. C. C. P.		x

REFERENCE NOTES

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[X] Denotes improvements that are required per phase of the project [P] Denotes improvements that are patrially required per phase of the project

[M] Designates Milestone Infrastructure Improvements at Start of Project

### TRA VIGNE OFF-SITE SHARED INFRASTRUCTURE IMPROVEMENTS SUMMARY

BREAKDOWN OF TOTAL OFF-SITE IMPROVEMENT COSTS, IMPROVEMENTS AVAILABLE FOR PFF FEE CREDITS, AND DETERMINATION REMAINING IMPROVEMENTS AVAILABLE FOR AREA OF BENEFIT REIMBURSEMENTS

Engineer's Estimate of Probable Cost

### LAND USE AREA BREAKDOWN

TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	BEAR CREEK SOUTH
200.2	98	5.3	10.3	590	505.2

### BREAKDOWN OF TOTAL IMPROVEMENTS, PFF REIMBURSABLE IMPROVEMENTS, AND AREA OF BENEFIT ANALYSIS

ITEN	DESCRIPTION		TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR	IMPROVEMENTS AVAILABLE FOR	REMAINING IMPROVEMENTS DEVELOPER RESPONSIBILITY	-	LOPER THAT A		LLY AVAILAB	RE THE RESPON BLE FOR AREA O NOTES]	
			COST [SEE NOTE 1]		REIMBURSEMENTS [SEE NOTE 4]	AND/OR AREA OF BENEFIT	TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	BEAR CREEK SOUTH
1	Off-Site West Lane Total Street Improvements											
1.A	Off-Site West Lane Street Improvements from Eight Mile Road to Road "B" (Includes Road "B" Intersection) - By Frontage [SEE NOTE 3]	2.1 , 2.2 2.3	\$2,664,051	\$238,769	\$0	\$2,425,282	100.0% \$2,425,282	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0
1.B	Off-Site West Lane Street Improvements from Road "B" to Bear Creek - By Frontage [SEE NOTE 3]	2.1 , 2.2 2.3	\$3,621,094	\$389,879	\$0	\$3,231,216	100.0% \$3,231,216	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0
1.C	Traffic Signal Improvements Only at the Intersection of West Lane and Road "B" - By Frontage [SEE NOTE 3]	2.1 , 2.3	\$519,750	\$0	\$0	\$519,750	50.0% \$259,875	0.0% \$0	0.0% \$0	0.0% \$0	50.0% \$259,875	0.0% \$0
	TOTALS OF SPECIFIC IMPROVEME	ENTS ===>	\$6,804,895	\$628,647	\$0	\$6,176,248	\$5,916,373	\$0	\$0	\$0	\$259,875	\$0

ITEM	DESCRIPTION		TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR	IMPROVEMENTS AVAILABLE FOR	REMAINING IMPROVEMENTS DEVELOPER RESPONSIBILITY		LOPER THAT A		LLY AVAILAB	RE THE RESPON LE FOR AREA O NOTES]	
		COST PFF FEE CREDITS REIMBURSEMENTS AND/OR			TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	BEAR CREEK SOUTH		
2	Off-Site 8 Mile Rd Total Street Improvements [SEE NOTE 3]											
2.A	Off-Site Eight Mile Road Street Improvements from West Lane to Ham Road - By Frontage [SEE NOTE 3]	2.1 , 2.4 2.5	\$3,004,033	\$803,563	\$0	\$2,200,470	100.0% \$2,200,470	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0
2.B	Off-Site Eight Mile Road Street Improvements from Ham Road to Leach Road - By Frontage [SEE NOTE 3]	2.1 , 2.4 2.5	\$2,148,970	\$886,962	\$0	\$1,262,001	0.0% \$0	55.5% \$700,734	22.2% \$280,634	22.2% \$280,634	0.0% \$0	0.0% \$0
2.C	Traffic Signal Improvements Only at the Intersection of 8-Mile Road and Road "C" - By Frontage [SEE NOTE 3]	2.1 , 2.5	\$519,750	\$0	\$0	\$519,750	100.0% \$519,750	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0
2.D	Traffic Signal Improvements Only at the Intersection of 8-Mile Road and Leach Road - By Frontage [SEE NOTE 3]	2.1 , 2.5	\$519,750	\$0	\$0	\$519,750	0.0% \$0	100.0% \$519,750	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0
2.E	RTD Bus Stop along Eight-Mile Road adjacent to Commercial Land Use - By Area [SEE NOTE 8]	2.1 , 2.5	\$25,988	\$0	\$0	\$25,988	14.2% \$3,692	7.0% \$1,808	0.4% \$98	0.7% \$190	41.9% \$10,882	35.9% \$9,318
	TOTALS OF SPECIFIC IMPROVEME	NTS ===>	\$6,218,490	\$1,690,525	\$0	\$4,527,959	\$2,723,913	\$1,222,291	\$280,731	\$280,824	\$10,882	\$9,318

\$0	\$0	\$0	\$259,875	\$0

\$2,723,913	\$1,222,291	\$280,731	\$280,824	\$10,882	\$9,318
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### TRA VIGNE OFF-SITE SHARED INFRASTRUCTURE IMPROVEMENTS SUMMARY

BREAKDOWN OF TOTAL OFF-SITE IMPROVEMENT COSTS, IMPROVEMENTS AVAILABLE FOR PFF FEE CREDITS, AND DETERMINATION REMAINING IMPROVEMENTS AVAILABLE FOR AREA OF BENEFIT REIMBURSEMENTS

Engineer's Estimate of Probable Cost

ITEM	M DESCRIPTION		TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR	IMPROVEMENTS AVAILABLE FOR	REMAINING IMPROVEMENTS DEVELOPER RESPONSIBILITY	-	OPER THAT A		LLY AVAILABI	RE THE RESPON LE FOR AREA O NOTES]	
			COST [SEE NOTE 1]		REIMBURSEMENTS [SEE NOTE 4]		TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	BEAR CREEK SOUTH
3	West Lane - 8 Mile Total Intersection Improvements											
3.A	West Lane and Eight Mile Road Intersection Street Improvements and Traffic Signal:	2.1 , 2.3 2.5	\$614,327	\$614,327	\$0	\$0	14.2% \$0	7.0% \$0	0.4% \$0	0.7% \$0	41.9% \$0	35.9% \$0
	TOTALS OF SPECIFIC IMPROVEM	ENTS ===>	\$614,327	\$614,327	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

ITEM	DESCRIPTION	EXHIBIT REF	TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR					TS THE DEVELOPER THAT ARE POTENTIALLY A ANALYSIS REIMBURSEME			
			COST [SEE NOTE 1]		REIMBURSEMENTS [SEE NOTE 4]	AND/OR AREA OF BENEFIT	TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	BEAR CREEK SOUTH
4	Sanitary Sewer Infrastructure [SEE NOTE 4],[SEE NOTE 5]						22.2%	10.8%	0.6%	1.1%	65.3%	0.0%
4.A	24" Sewer Main from the Existing Manhole North of McNair High School east to West Lane	3.1	\$795,114	\$0	\$511,363	\$283,751	\$62,853	\$30,767	\$1,664	\$3,234	\$185,232	\$0
4.B	24" Sewer Main along West Lane from Bear Creek to Road "A"	3.1	\$499,940	\$0	\$227,008	\$272,932	\$60,457	\$29,594	\$1,601	\$3,110	\$178,170	\$0
	TOTALS OF SPECIFIC IMPROVEME	ENTS ===>	\$1,295,054	\$0	\$738,371	\$556,683	\$123,310	\$60,362	\$3,264	\$6,344	\$363,402	\$0

\$1,295,054

\$556,683

ITEM	DESCRIPTION	EXHIBIT REF	TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR	IMPROVEMENTS AVAILABLE FOR	REMAINING IMPROVEMENTS DEVELOPER RESPONSIBILITY	_	LOPER THAT A			RE THE RESPON LE FOR AREA C NOTES]	
			COST [SEE NOTE 1]	PFF FEE CREDITS [SEE NOTE 2]	REIMBURSEMENTS [SEE NOTE 4]	AND/OR AREA OF BENEFIT	TRA VIGNE WEST			BRAGG CRANE	BEAR CREEK WEST	BEAR CREEK SOUTH
5	Potable Water System Infrastructure [SEE NOTE 4],[SEE NOTE 6]						14.2%	7.0%	0.4%	0.7%	41.9%	35.9%
5.A	12" Water Main in Eight Mile Road from Marlette Road to Lower Sacramento Road	3.1	\$393,035	\$0	\$0	\$393,035	\$55,845	\$27,337	\$1,478	\$2,873	\$164,578	\$140,924
5.B	24" Water Main in Eight Mile Road from Lower Sacramento Road to West Lane	3.1	\$1,146,420	\$0	\$368,874	\$777,546	\$110,479	\$54,081	\$2,925	\$5,684	\$325,587	\$278,791
5.C	24" Water Main in Eight Mile Road from West Lane to Ham Road	3.1	\$715,711	\$0	\$239,501	\$476,210	\$67,663	\$33,122	\$1,791	\$3,481	\$199,407	\$170,746
5.D	24" Water Main in Eight Mile Road from Ham Road to East End of Tra Vigne East	3.1	\$653,103	\$0	\$217,404	\$435,699	\$61,907	\$30,304	\$1,639	\$3,185	\$182,443	\$156,221
5.E	24" Water Main in West Lane from Eight Mile Road to Bear Creek Undercrossing	3.1	\$1,368,205	\$0	\$423,671	\$944,534	\$134,206	\$65,695	\$3,553	\$6,905	\$395,511	\$338,665
	TOTALS OF SPECIFIC IMPROVEME	NTS ===>	\$4,276,473	\$0	\$1,249,449	\$3,027,024	\$430,100	\$210,538	\$11,386	\$22,128	\$1,267,526	\$1,085,346

### TRA VIGNE OFF-SITE SHARED INFRASTRUCTURE IMPROVEMENTS SUMMARY

BREAKDOWN OF TOTAL OFF-SITE IMPROVEMENT COSTS, IMPROVEMENTS AVAILABLE FOR PFF FEE CREDITS, AND DETERMINATION REMAINING IMPROVEMENTS AVAILABLE FOR AREA OF BENEFIT REIMBURSEMENTS

Engineer's Estimate of Probable Cost

ITEM	DESCRIPTION	EXHIBIT REF	TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR	IMPROVEMENTS AVAILABLE FOR	REMAINING IMPROVEMENTS DEVELOPER RESPONSIBILITY	ANALYSIS REIMBURSEMENT [SEE NOTES]			ENTS THE DEVELOPER		
			COST [SEE NOTE 1]		REIMBURSEMENTS [SEE NOTE 4]	AND/OR AREA OF BENEFIT	TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	BEAR CREEK SOUTH
6	West lane / Bear Creek 24" Water Crossing Infrastructure [SEE NOTE 4],[SEE NOTE 6]						14.2%	7.0%	0.4%	0.7%	41.9%	35.9%
6.A	24" Water Main Undercrossing along West Lane under Bear Creek	3.1	\$556,504	\$0	\$148,500	\$408,004	\$57,972	\$28,378	\$1,535	\$2,983	\$170,846	\$146,291
	TOTALS OF SPECIFIC IMPROVEME	NTS ===>	\$556,504	\$0	\$148,500	\$408,004	04 \$57,972 \$28,378 \$1,535 \$2,983 \$170,846 \$146,291				\$146,291	

ITEM	DESCRIPTION	EXHIBIT REF	TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR	IMPROVEMENTS AVAILABLE FOR	REMAINING IMPROVEMENTS DEVELOPER RESPONSIBILITY	ANALYSIS REIMBURSEMENT [SEE NOTES		LE FOR AREA O			
			COST [SEE NOTE 1]		REIMBURSEMENTS [SEE NOTE 4]	AND/OR AREA OF BENEFIT	TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	BEAR CREEK SOUTH
7	Off-Site Mitigation Improvements [SEE NOTE 4]						14.2%	7.0%	0.4%	0.7%	41.9%	35.9%
7.A	Part I - Morada Lane - Dedicated Right-Turn Lane	2.6	\$330,635	\$0	\$0	\$330,635	\$46,979	\$22,997	\$1,244	\$2,417	\$138,449	\$118,550
7.B	Part II - Lower Sacramento Road Intersection Modifications	2.6	\$282,564	\$0	\$0	\$282,564	\$40,149	\$19,653	\$1,063	\$2,066	\$118,320	\$101,314
	TOTALS OF SPECIFIC IMPROVEME	NTS ===>	\$613,199	\$0	\$0	\$613,199	\$87,127	\$42,650	\$2,307	\$4,483	\$256,769	\$219,864

\$0 \$613,199

	ТЕМ	DESCRIPTION	EXHIBIT REF	TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR	IMPROVEMENTS AVAILABLE FOR	REMAINING IMPROVEMENTS DEVELOPER RESPONSIBILITY	BREAKDOWN OF REMAINING IMPROVEMENT THAT ARE THE RESPONSIBILIT THE DEVELOPER THAT ARE POTENTIALLY AVAILABLE FOR AREA OF BENE ANALYSIS REIMBURSEMENT [SEE NOTES]					
				COST [SEE NOTE 1]		REIMBURSEMENTS		TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	BEAR CREEK SOUTH
	- 1	Totals of Project Off-Site and Shared Infrastructure	1.1	\$20,378,942	\$2,933,499	\$2,136,320	\$15,309,116	\$9,338,795	\$1,564,219	\$299,223	\$316,761	\$2,329,300	\$1,460,818

### NOTES:

- [1] Above cost estimates include 10% contingency and 35% soft costs.
- Improvements available for PFF Fee Credit assumes that there are sufficient Fee Credits to cover 100% of the improvements that eligible for credit. If it is determined that the PFF Fee Credit will not cover the total of the improvements available for Fee Credit. [2] be reimbursed directly from the existing PFF fund through the exection of a reimbursement agreement.
- [3] Cost breakdown for proposed roadway improvements by percentage of project frontages along the said Roadway Improvements
- Sanitary Sewer and Water System Improvements are available for Reimbursement Agreement only and are not available for PFF Fee Credits. Reimbursements for Sanitary Sewer and Water System infrastructure is the cost difference between installing the proposed infrastructure (30" Steel [4] Water, 24" PVC Water, and 24" PVC Sewer) versus the required infrastructure (12" PVC Water and 12" PVC Sewer) to serve the Tra Vigne project.
- Cost breakdown by % of Flow which equal to percentage of Land Area. For Sanitary Sewer Infrastructure Improvements breakdown does not include Bear Creek South in percentage of project area. [5]
- Cost breakdown by % of Flow which equal to percentage of Land Area. For Potable Water System Infrastructure Improvements breakdown includes all Projects [6]
- [7] Cost breakdown by % of Flow which equal to percentage of Land Area. For Storm Drainage Infrastructure Improvements breakdown does not include Bear Creek West and Bear Creek South project area.
- [8] Cost breakdown for proposed improvements by percentage of project area
- Cost breakdown by % of Flow which equal to percentage of Land Area. For In-Tract Backbone Potable Water System Infrastructure Improvements breakdown includes Tra Vigne West, East, AT&T, and Bragg Crane only. [9]

### TRA VIGNE IN-TRACT SHARED INFRASTRUCTURE IMPROVEMENTS SUMMARY

BREAKDOWN OF TOTAL OFF-SITE IMPROVEMENT COSTS, IMPROVEMENTS AVAILABLE FOR PFF FEE CREDITS, AND DETERMINATION REMAINING IMPROVEMENTS AVAILABLE FOR AREA OF BENEFIT REIMBURSEMENTS

Engineer's Estimate of Probable Cost

### LAND USE AREA BREAKDOWN

TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	BEAR CREEK SOUTH	
200.2	98	5.3	10.3	590	505.2	1

### BREAKDOWN OF TOTAL IMPROVEMENTS, PFF REIMBURSABLE IMPROVEMENTS, AND AREA OF BENEFIT ANALYSIS

ITEM	DESCRIPTION	EXHIBIT REF	TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR	IMPROVEMENTS AVAILABLE FOR	REMAINING IMPROVEMENTS DEVELOPER RESPONSIBILITY	THE DEVELOPER THAT ARE POTENTIAL		EMENT THAT ARE THE RESPONSIBILITY OF IALLY AVAILABLE FOR AREA OF BENEFIT RSEMENT [SEE NOTES]			
			COST [SEE NOTE 1]	-	REIMBURSEMENTS [SEE NOTE 4]	AND/OR AREA OF BENEFIT	TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	CREEK SOUTH
8	Shared Storm Drain Pipes, Basin, and Pump Station Infrastructure						63.8%	31.2%	1.7%	3.3%	0.0%	0.0%
8.A	Storm Drainage Base Pump Station, Infrastructure, and Treatment	3.1	\$1,485,000	\$0	\$0	\$1,485,000	\$947,409	\$463,767	\$25,081	\$48,743	\$0	\$0
8.B	Storm Drainage Basin Construction	3.1	\$314,084	\$0	\$0	\$314,084	\$200,381	\$98,089	\$5,305	\$10,309	\$0	\$0
8.C	Storm Drainage Basin Fencing, Landscaping and Erosion Control	3.1	\$220,211	\$0	\$0	\$220,211	\$140,491	\$68,772	\$3,719	\$7,228	\$0	\$0
	TOTAL IMPROVEMENT COST ===>		\$2,019,295	\$0	\$0	\$2,019,295	\$1,288,282	\$630,627	\$34,105	\$66,280	\$0	\$0

ITEM	DESCRIPTION	EXHIBIT REF	TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR	IMPROVEMENTS AVAILABLE FOR	REMAINING IMPROVEMENTS DEVELOPER RESPONSIBILITY	ANALYSIS REIMBURSEMENT [SEE NOTES]			LE FOR AREA OF		
			COST [SEE NOTE 1]		REIMBURSEMENTS [SEE NOTE 4]		TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	CREEK SOUTH
9	Tra Vigne West Oversized Backbone Water System Improvements											
9.A	Oversized Water System for Road "A" - Segments (A1), (A2), and (A3)	3.1	\$323,017	\$0	\$80,754	\$403,772	63.8% \$257,601	31.2% \$126,098	1.7% \$6,820	3.3% \$13,253	0.0% \$0	0.0% \$0
9.B	Oversized Water System for Road "B" - Segment (B)	3.1	\$128,839	\$0	\$42,946	\$171,785	63.8% \$109,596	31.2% \$53,649	1.7% \$2,901	3.3% \$5,639	0.0% \$0	0.0% \$0
9.C	Oversized Water System for Road "C" - Segments (C1), (C2), (C3), (C4), and (C5)	3.1	\$267,003	\$0	\$73,656	\$340,659	63.8% \$217,336	31.2% \$106,388	1.7% \$5,754	3.3% \$11,182	0.0% \$0	0.0% \$0
911	Oversized Water System for Roads "AA", "BB" AND "FF" - Segments (BB1), (BB2), (BB3), (AA), and (FF)	3.1	\$83,160	\$0	\$20,790	\$103,950	63.8% \$66,319	31.2% \$32,464	1.7% \$1,756	3.3% \$3,412	0.0% \$0	0.0% \$0
	TOTAL IMPROVEMENT COST ===>		\$802,019	\$0	\$218,147	\$1,020,165	\$650,851	\$318,598	\$17,230	\$33,485	\$0	\$0

### TRA VIGNE IN-TRACT SHARED INFRASTRUCTURE IMPROVEMENTS SUMMARY

BREAKDOWN OF TOTAL OFF-SITE IMPROVEMENT COSTS, IMPROVEMENTS AVAILABLE FOR PFF FEE CREDITS, AND DETERMINATION REMAINING IMPROVEMENTS AVAILABLE FOR AREA OF BENEFIT REIMBURSEMENTS Engineer's Estimate of Probable Cost

REMAINING BREAKDOWN OF IMPROVEMENTS THE DEVELOPE EXHIBIT TOTAL IMPROVEMENTS IMPROVEMENTS DEVELOPER ITEM DESCRIPTION REF IMPROVEMENTS AVAILABLE FOR AVAILABLE FOR RESPONSIBILITY TRA VIGNE TRA COST PFF FEE CREDITS REIMBURSEMENTS AND/OR WEST [SEE NOTE 1] [SEE NOTE 2] [SEE NOTE 4] AREA OF BENEFIT . 10 Tra Vigne West In-Tract Parks, Landscaping, Open Space, and Recreational Improvements 0.0% 3.1 , 4.1 10.A In-Tract Park Landscaping Improvements (Does Not Include Major Amenities) \$4,419,771 \$0 \$0 \$4,419,771 5.1 \$0 TOTAL IMPROVEMENT COST ===> \$4,419,771 \$4,419,771 \$0 \$0 \$0 REMAINING **IMPROVEMENTS** EXHIBIT TOTAL IMPROVEMENTS **IMPROVEMENTS** DEVELOPER ITEM DESCRIPTION REF IMPROVEMENTS AVAILABLE FOR AVAILABLE FOR RESPONSIBILITY TRA VIGNE TRA **PFF FEE CREDITS** REIMBURSEMENTS AND/OR COST WEST [SEE NOTE 1] [SEE NOTE 2] [SEE NOTE 4] AREA OF BENEFIT Tra Vigne East Oversized Backbone Water System Improvements 13 0.0% 8 13.A Oversized Water System for Backbone Roads 3.1 \$414,137 \$0 \$103,534 \$310,603 \$0 \$2 TOTAL IMPROVEMENT COST ===> \$414,137 \$0 \$103,534 \$310,603 \$0

ITEM	DESCRIPTION	EXHIBIT REF										-
			COST [SEE NOTE 1]	-	REIMBURSEMENTS [SEE NOTE 4]		TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	CREEK SOUTH
14	Tra Vigne East In-Tract Parks, Landscaping, Open Space, and Recreational Improvement	nts										
14.A	In-Tract Park Landscaping Improvements (Does Not Include Major Amenities)	3.1 , 4.1 5.1	\$3,273,650	\$3,273,650	\$0	\$0	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0	0.0% \$0
	TOTAL IMPROVEMENT COST ===>		\$3,273,650	\$3,273,650	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

TOTAL IMPROVEMENT COST ===> \$3,273,650 \$3,273,650 **S**0 **S**0

REMAINING IMPROVEMENT THAT ARE THE RESPONSIBILITY OF R THAT ARE POTENTIALLY AVAILABLE FOR AREA OF BENEFIT ANALYSIS REIMBURSEMENT [SEE NOTES]													
A VIGNE EAST													
0.0%	0.0%	0.0%	0.0%	0.0%									
\$0 \$0 \$0 \$0 \$0 \$0													

\$0	\$0	\$0	\$0	\$0	

### BREAKDOWN OF REMAINING IMPROVEMENT THAT ARE THE RESPONSIBILITY OF THE DEVELOPER THAT ARE POTENTIALLY AVAILABLE FOR AREA OF BENEFIT ANALYSIS REIMBURSEMENT [SEE NOTES]

A VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	CREEK SOUTH
86.3%	4.7%	9.1%	0.0%	0.0%
267,949	\$14,491	\$28,162	\$0	\$0

\$267,949

\$28,162

\$14,491

\$0

\$0

### TRA VIGNE IN-TRACT SHARED INFRASTRUCTURE IMPROVEMENTS SUMMARY

BREAKDOWN OF TOTAL OFF-SITE IMPROVEMENT COSTS, IMPROVEMENTS AVAILABLE FOR PFF FEE CREDITS, AND DETERMINATION REMAINING IMPROVEMENTS AVAILABLE FOR AREA OF BENEFIT REIMBURSEMENTS

Engineer's Estimate of Probable Cost

ITE	DESCRIPTION	EXHIBIT REF	TOTAL IMPROVEMENTS	IMPROVEMENTS AVAILABLE FOR	IMPROVEMENTS AVAILABLE FOR	REMAINING IMPROVEMENTS DEVELOPER RESPONSIBILITY	-	LOPER THAT A		LLY AVAILABL	E THE RESPONS LE FOR AREA OF NOTES]	
			COST [SEE NOTE 1]		REIMBURSEMENTS	AND/OR AREA OF BENEFIT	TRA VIGNE WEST	TRA VIGNE EAST	AT&T	BRAGG CRANE	BEAR CREEK WEST	CREEK SOUTH
-	Totals of Project In-Tract and Shared Infrastructure		\$10,928,872	\$7,693,421	\$321,681	\$3,350,063	\$1,939,133	\$1,217,175	\$65,827	\$127,928	\$0	\$0

### NOTES:

[1] Above cost estimates include 10% contingency and 35% soft costs.

Improvements available for PFF Fee Credit assumes that there are sufficient Fee Credits to cover 100% of the improvements that eligible for credit. If it is determined that the PFF Fee Credit will not cover the total of the improvements available for Fee Credit. [2] be reimbursed directly from the existing PFF fund through the exection of a reimbursement agreement.

Cost breakdown for proposed roadway improvements by percentage of project frontages along the said Roadway Improvements [3]

Sanitary Sewer and Water System Improvements are available for Reimbursement Agreement only and are not available for PFF Fee Credits. Reimbursements for Sanitary Sewer and Water System infrastructure is the cost difference between installing the proposed infrastructure (30" Steel [4] Water, 24" PVC Water, and 24" PVC Sewer) versus the required infrastructure (12" PVC Water and 12" PVC Sewer) to serve the Tra Vigne project.

[5] Cost breakdown by % of Flow which equal to percentage of Land Area. For Sanitary Sewer Infrastructure Improvements breakdown does not include Bear Creek South in percentage of project area.

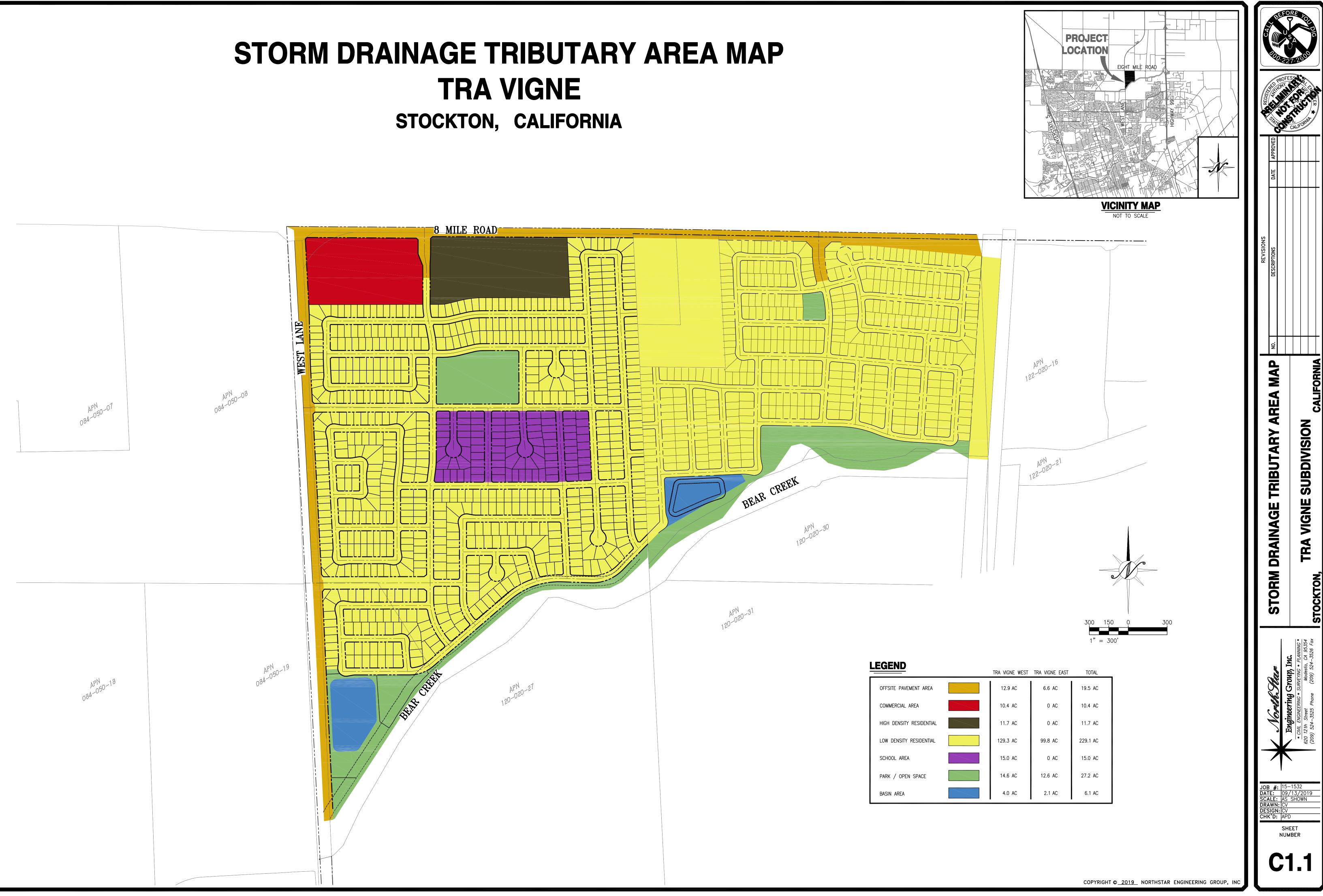
Cost breakdown by % of Flow which equal to percentage of Land Area. For Potable Water System Infrastructure Improvements breakdown includes all Projects [6]

Cost breakdown by % of Flow which equal to percentage of Land Area. For Storm Drainage Infrastructure Improvements breakdown does not include Bear Creek West and Bear Creek South project area. [7]

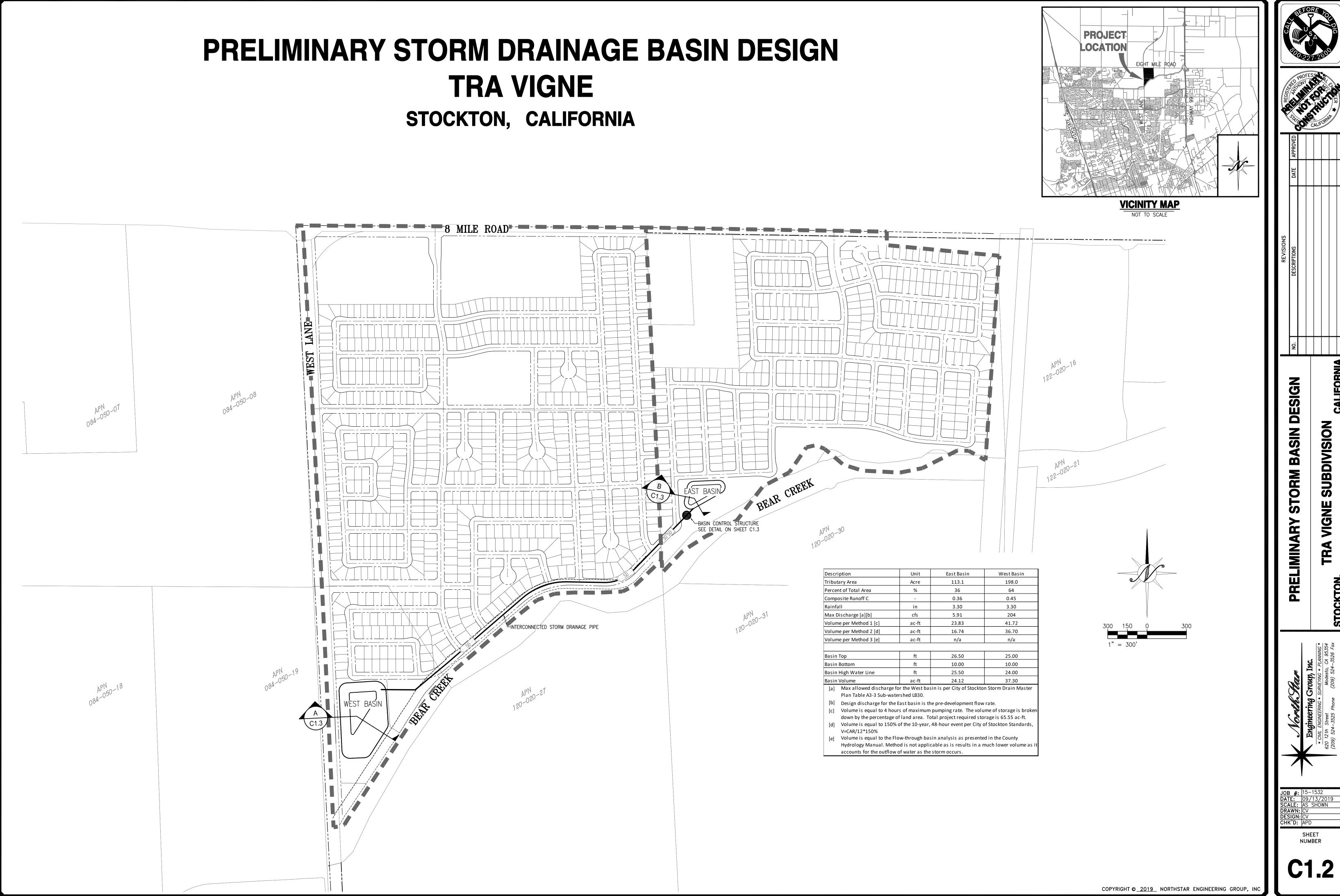
[8] Cost breakdown for proposed improvements by percentage of project area

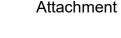
Cost breakdown by % of Flow which equal to percentage of Land Area. For In-Tract Backbone Potable Water System Infrastructure Improvements breakdown includes Tra Vigne West, East, AT&T, and Bragg Crane only. [9]

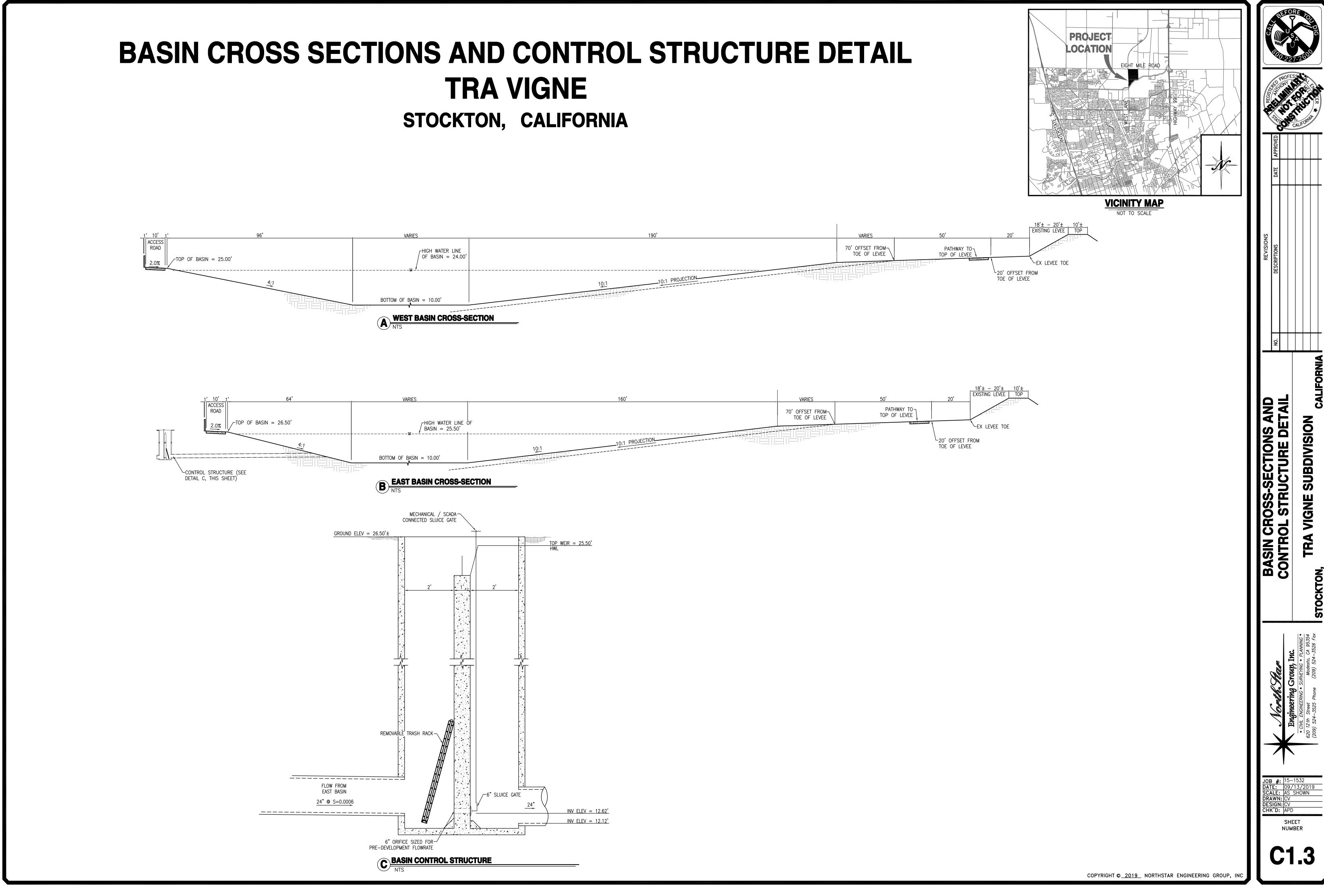
# **TRA VIGNE STOCKTON, CALIFORNIA**

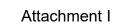


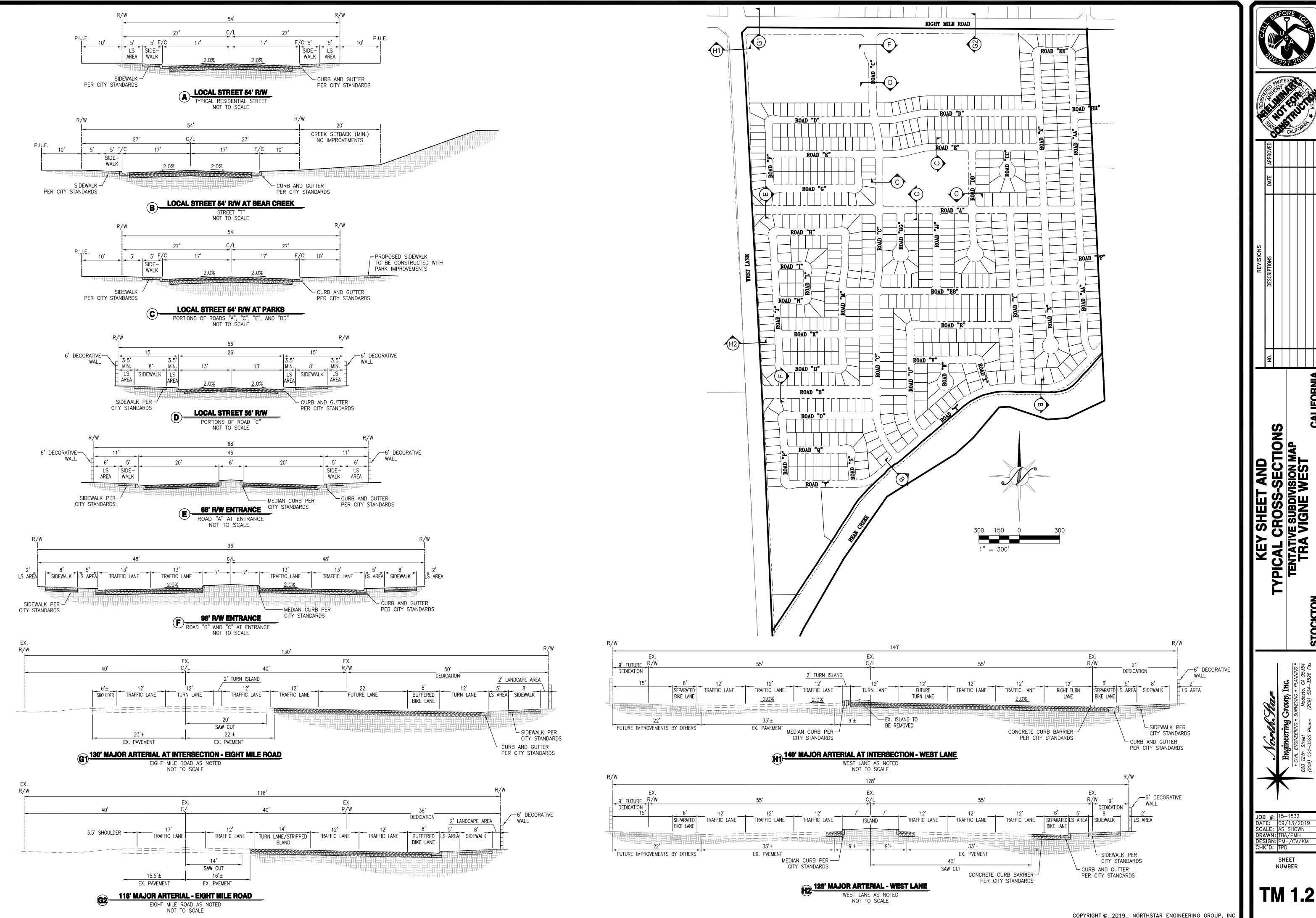












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TRA VIGNE WE

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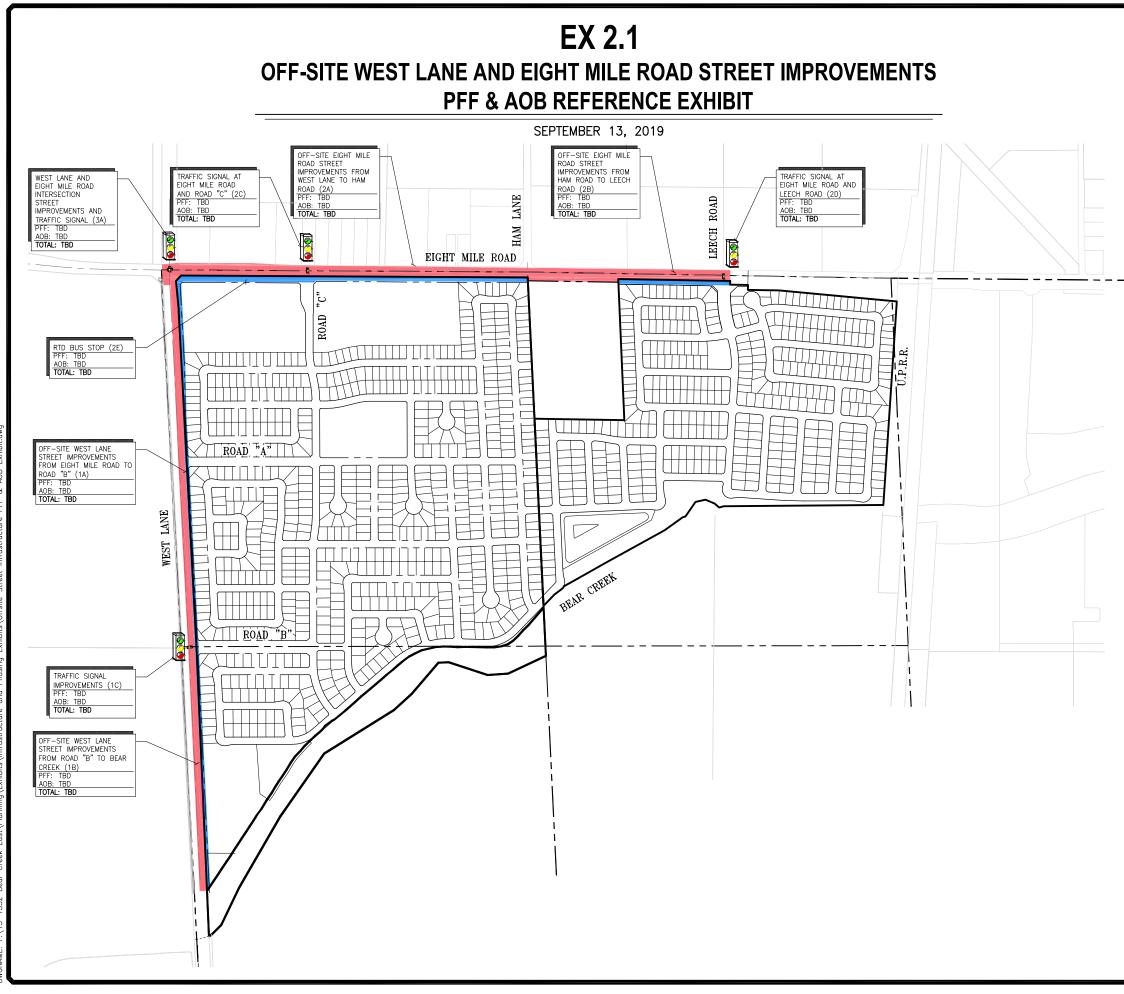
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NUMBER

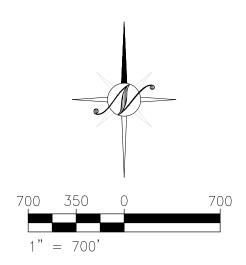
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# LEGEND

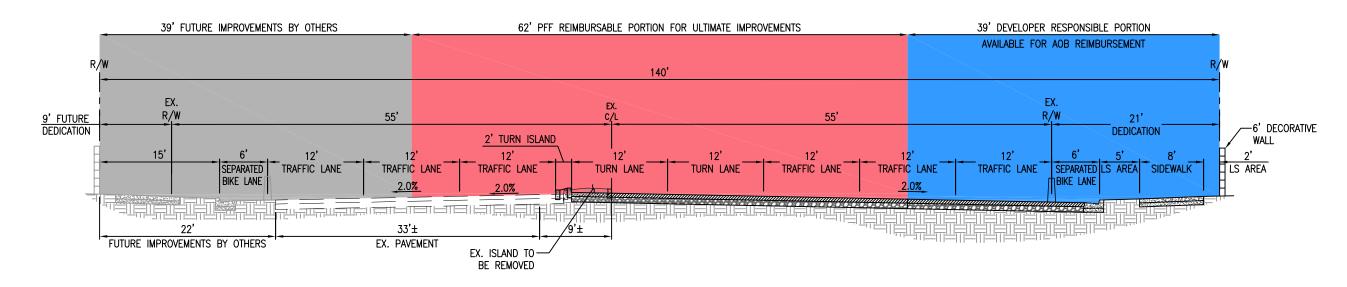


PFF REIMBURSABLE IMPROVEMENTS (SEE EX 2.2 - 2.5)

DEVELOPER RESPONSIBLE PORTION AVAILABLE FOR AOB REIMBURSEMENT

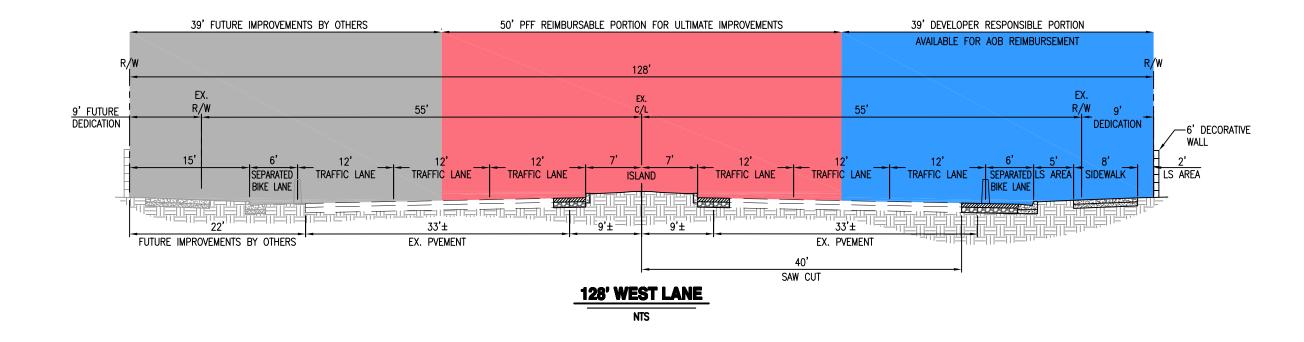
EX 2.2 WEST LANE TYPICAL CROSS SECTIONS

SEPTEMBER 13, 2019



140' WEST LANE AT EIGHT MILE ROAD INTERSECTION

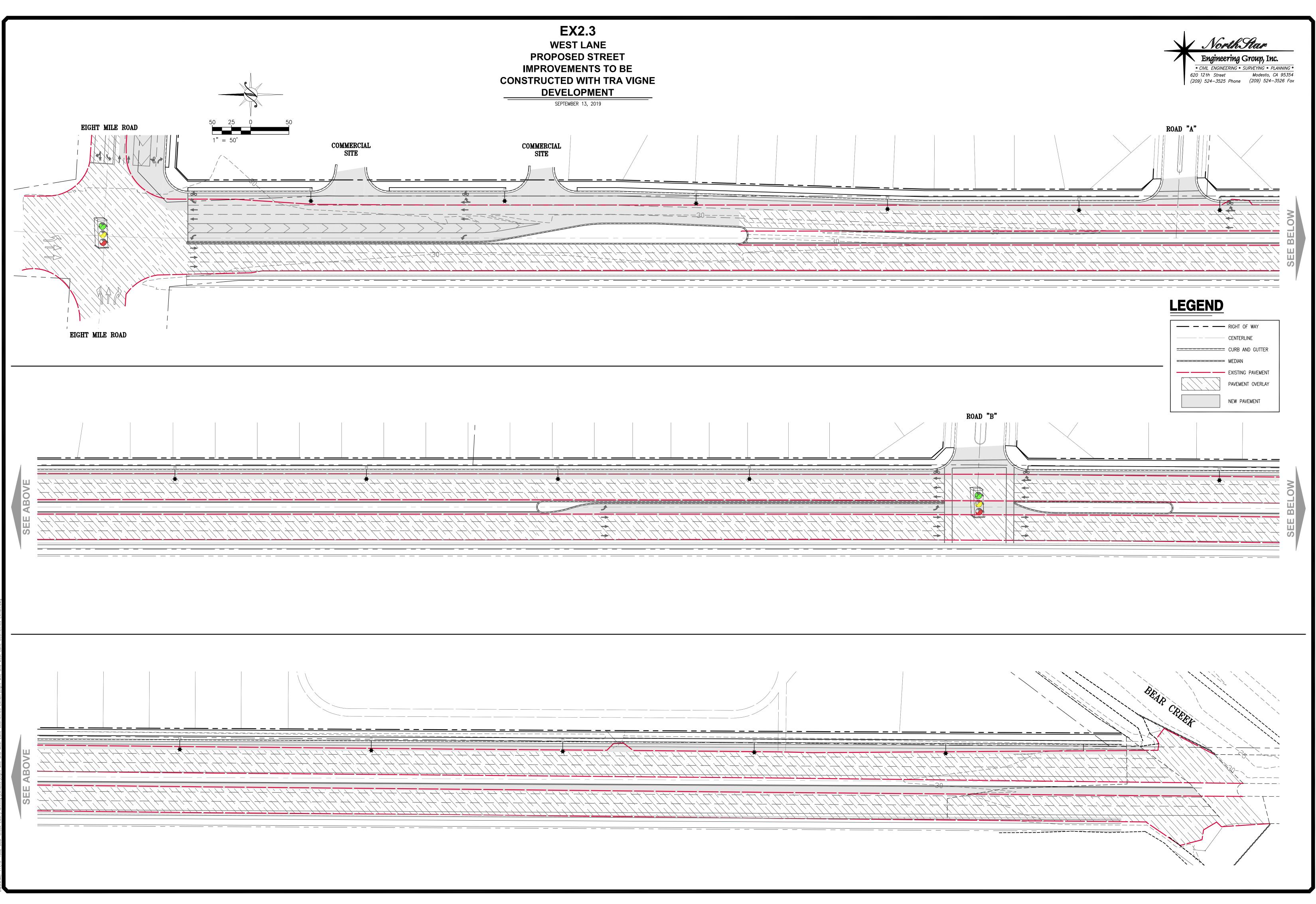
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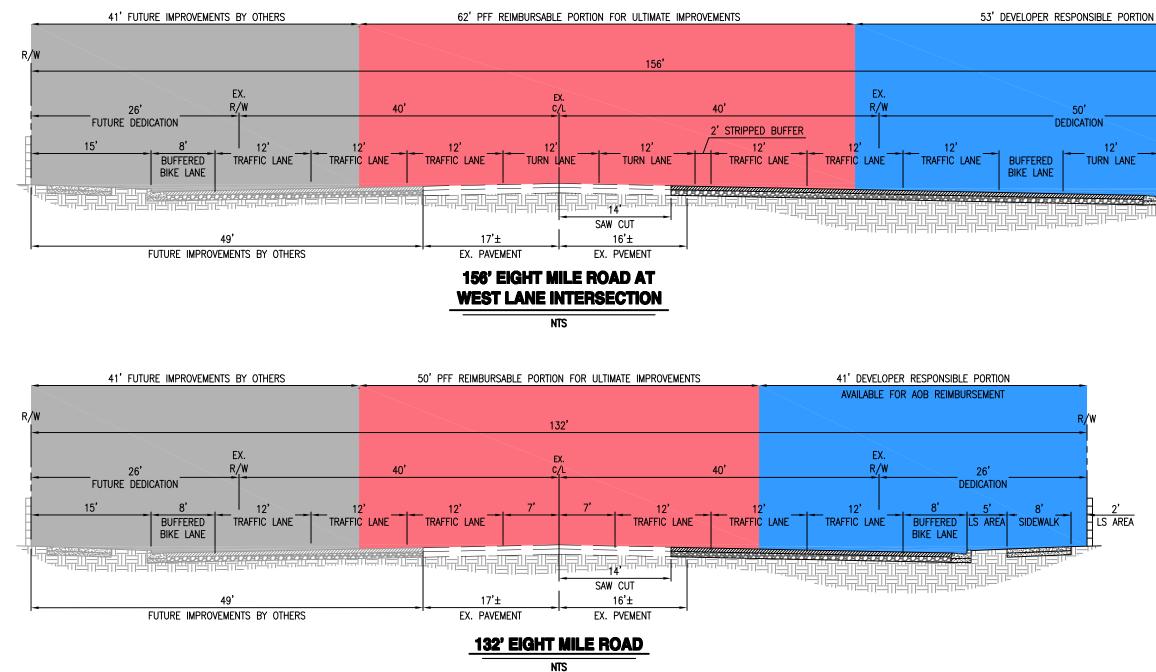


/2019 3:26 PM PLOTTED BY: Phurban 5-1532 Bear Creek East/Planning/Exhibits/Eight Mile and West Lane Geometrics Exhibit/Eight Mile and West Lane

PLOTTED: 9/10/2019 3:26 PM PLOTTED

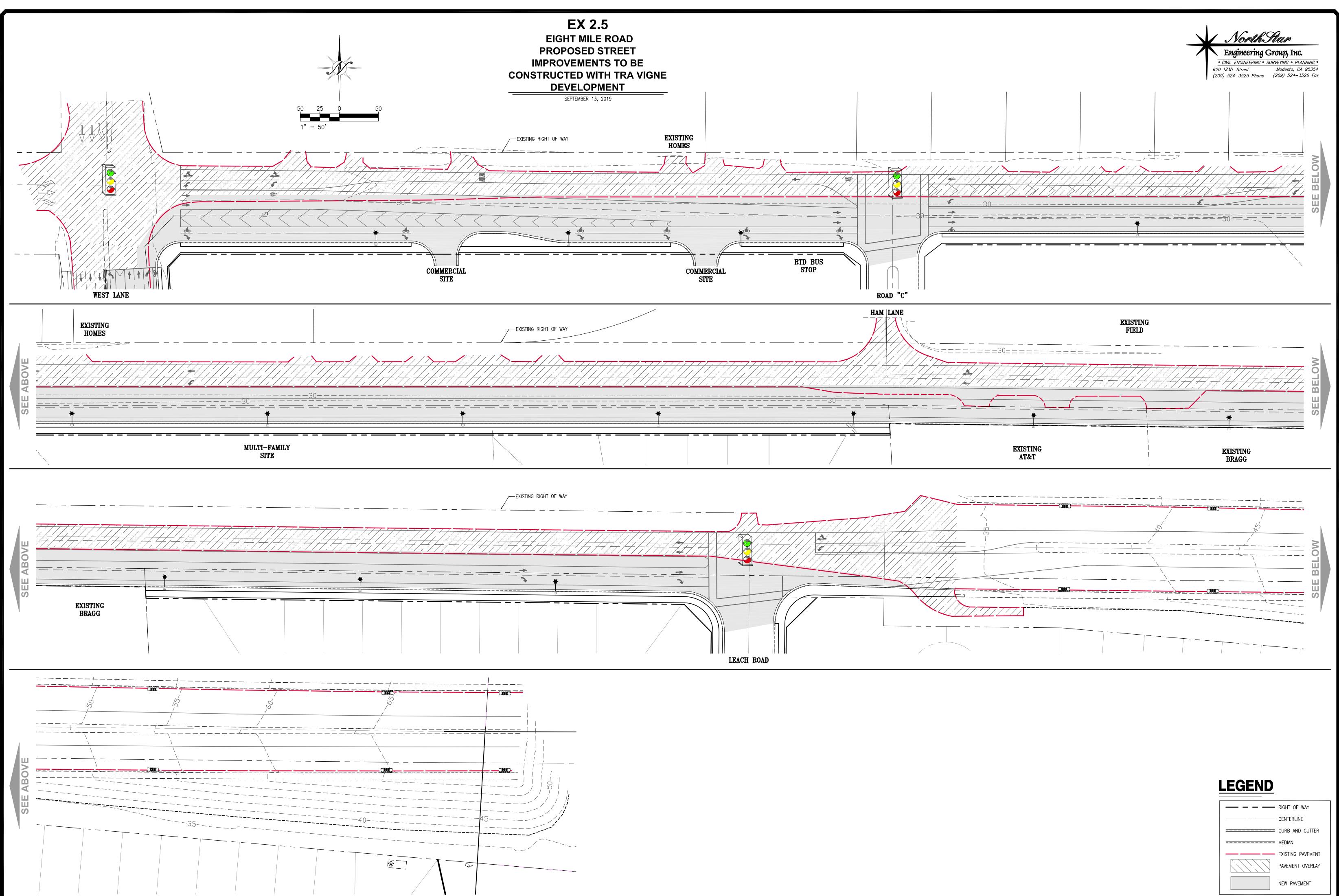
# **EX 2.4** EIGHT MILE ROAD TYPICAL ROAD CROSS SECTIONS

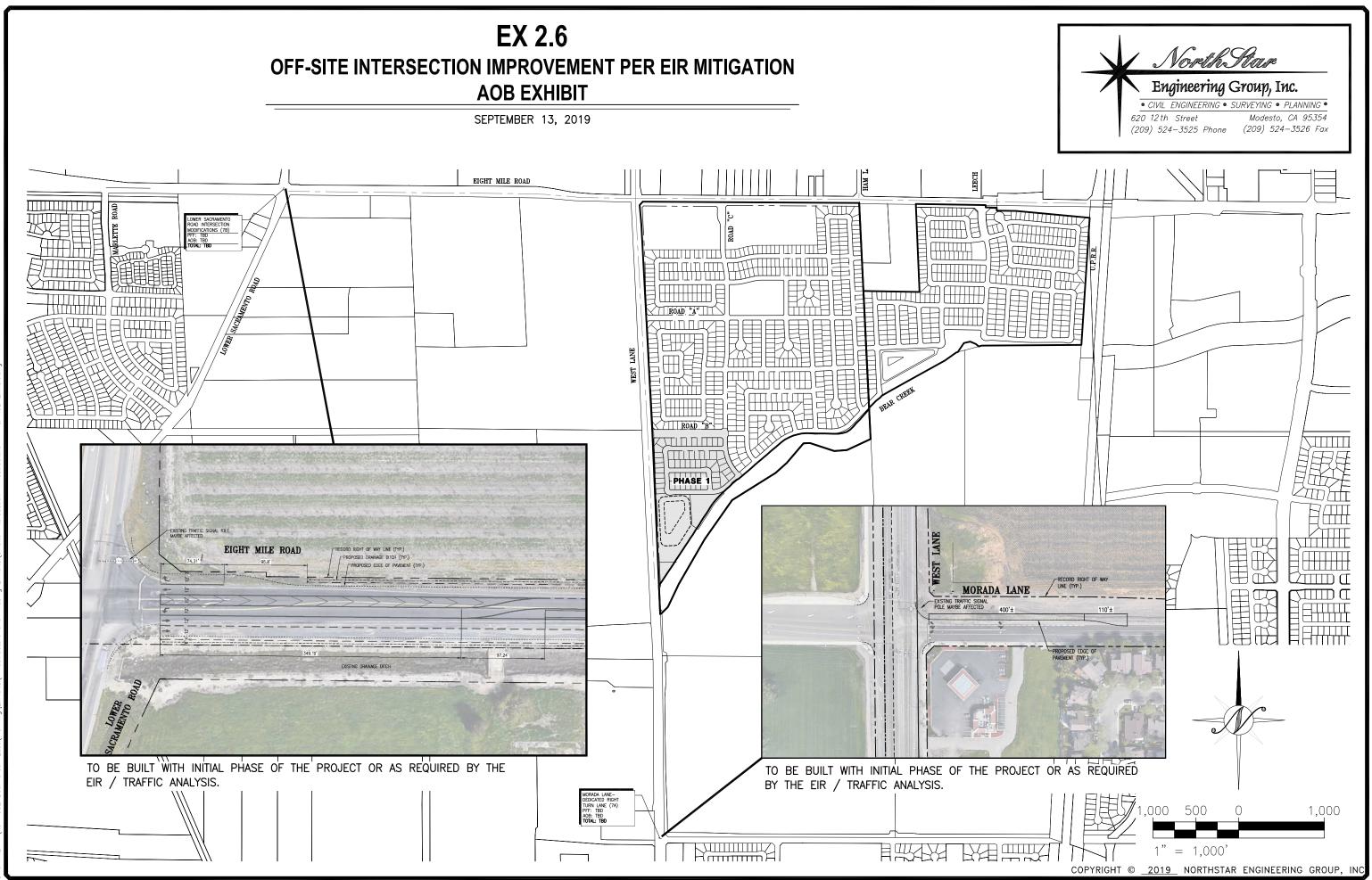
SEPTEMBER 13, 2019

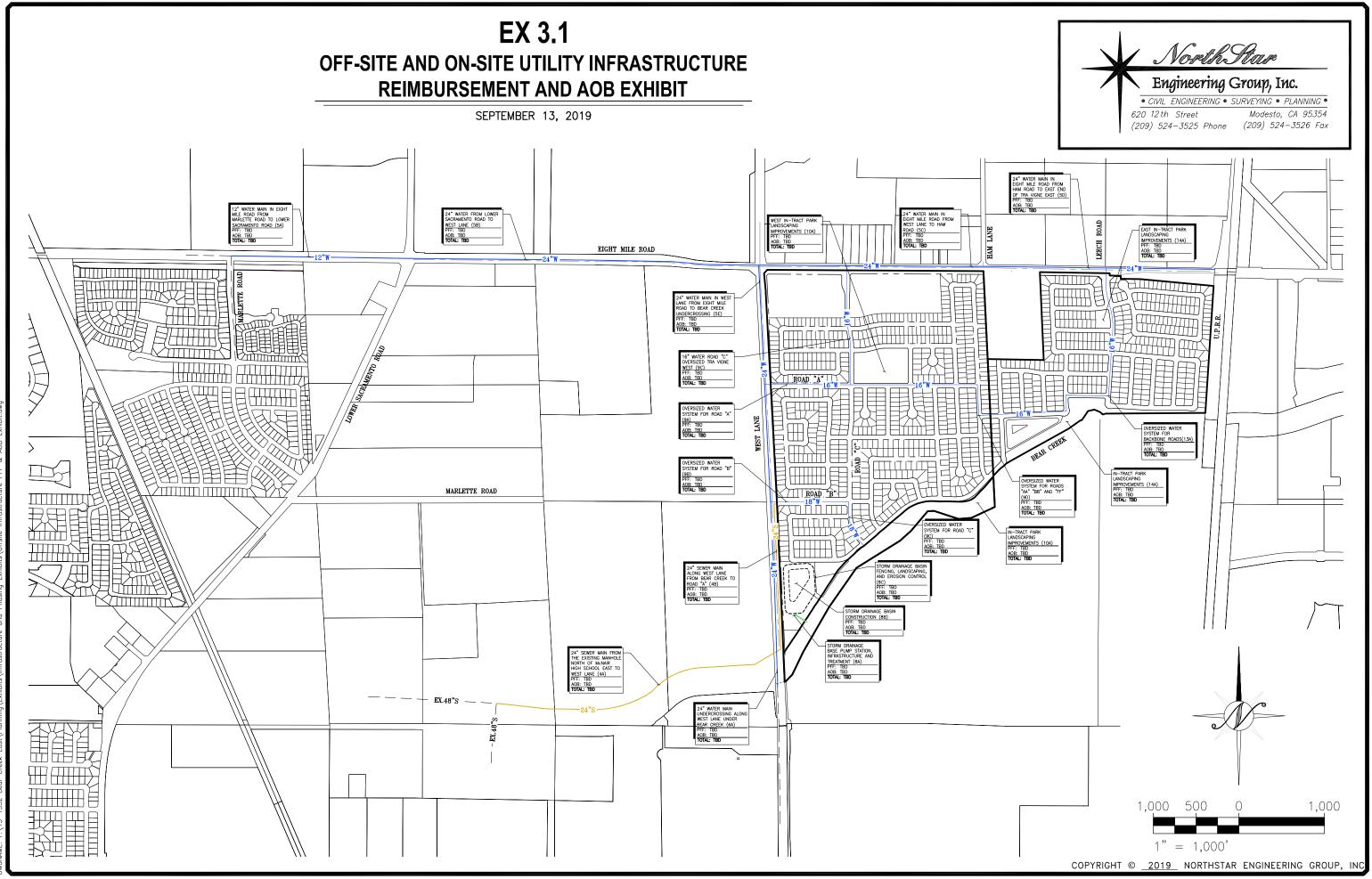


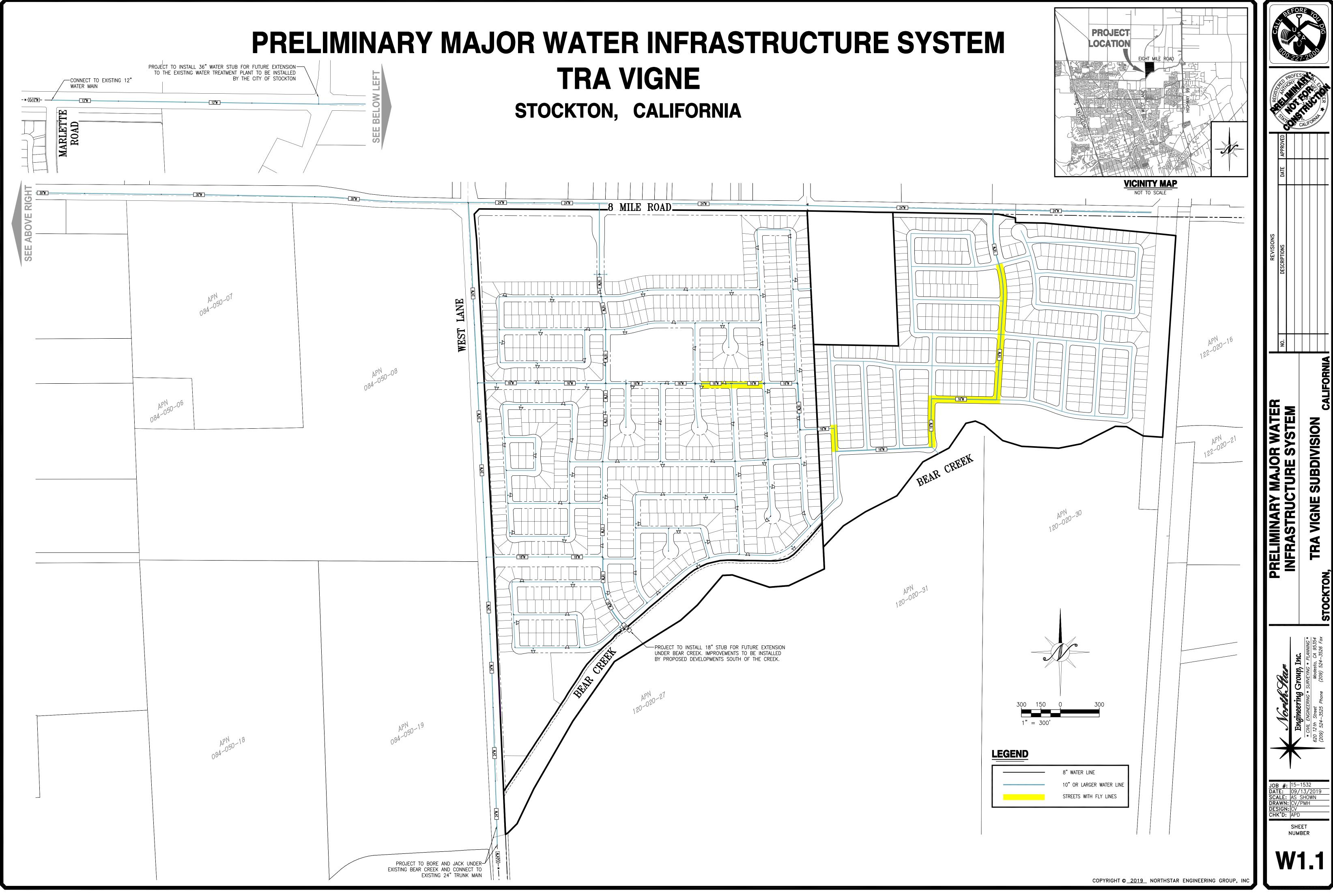


# COPER RESPONSIBLE PORTION

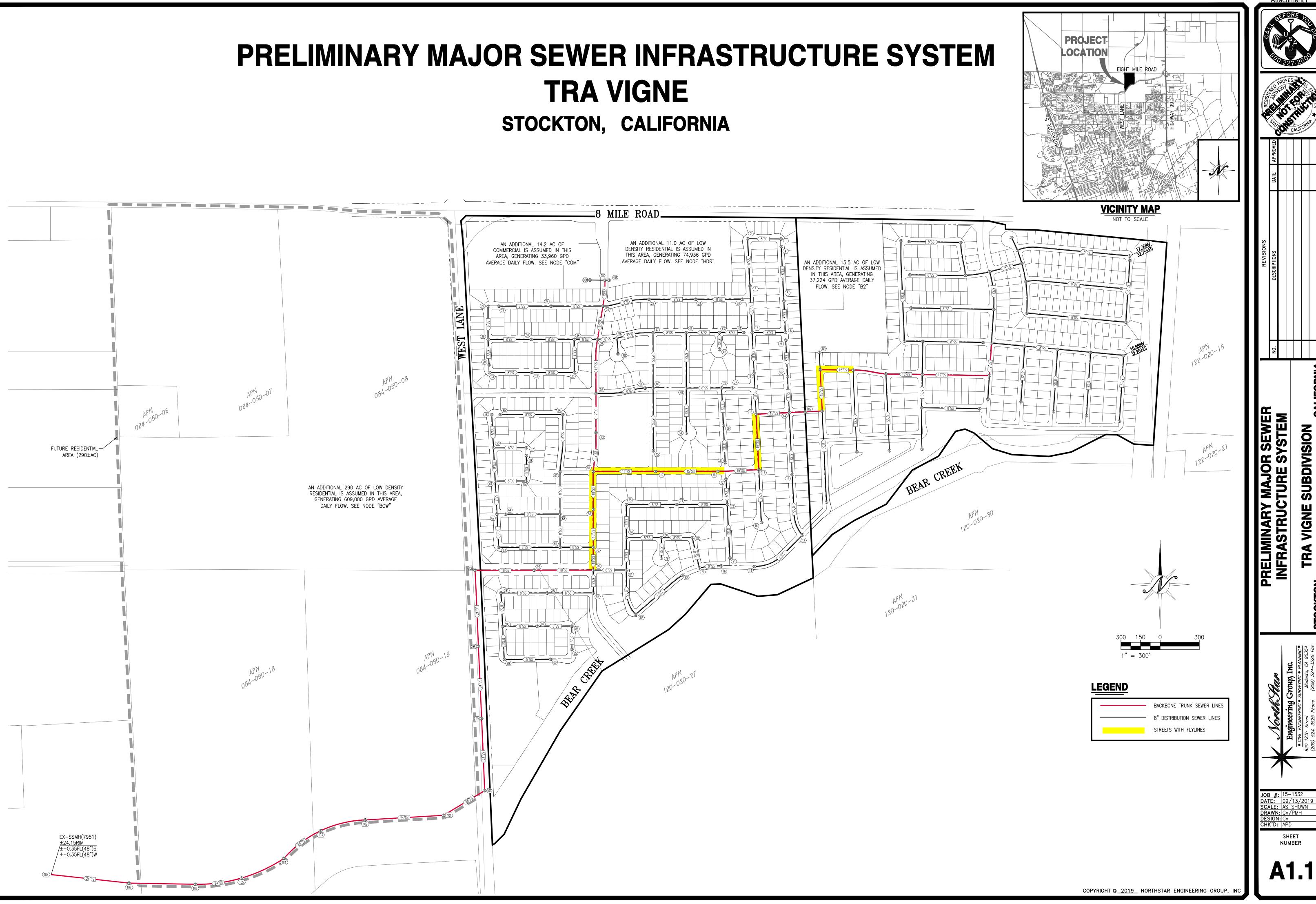




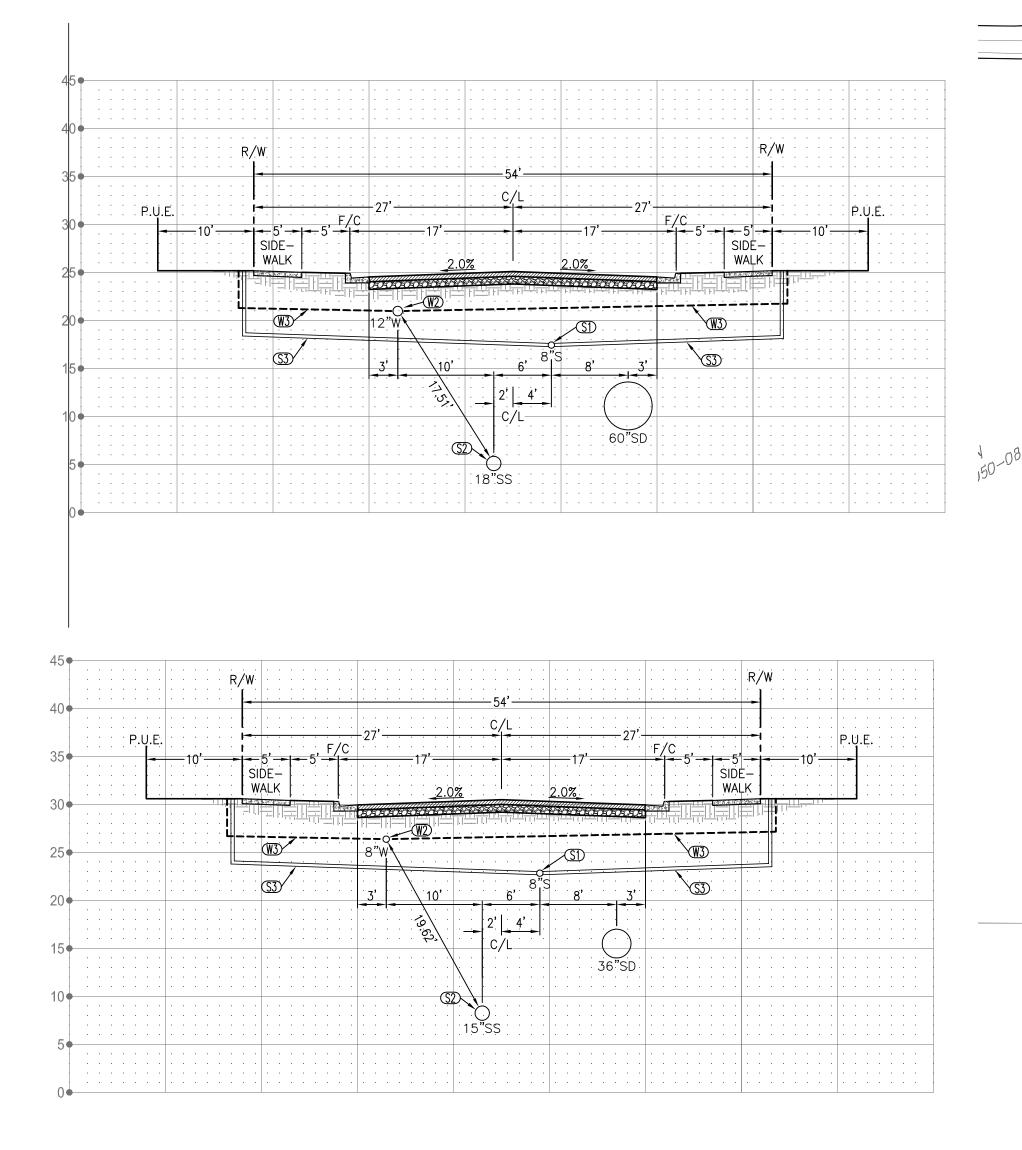




Attachment |



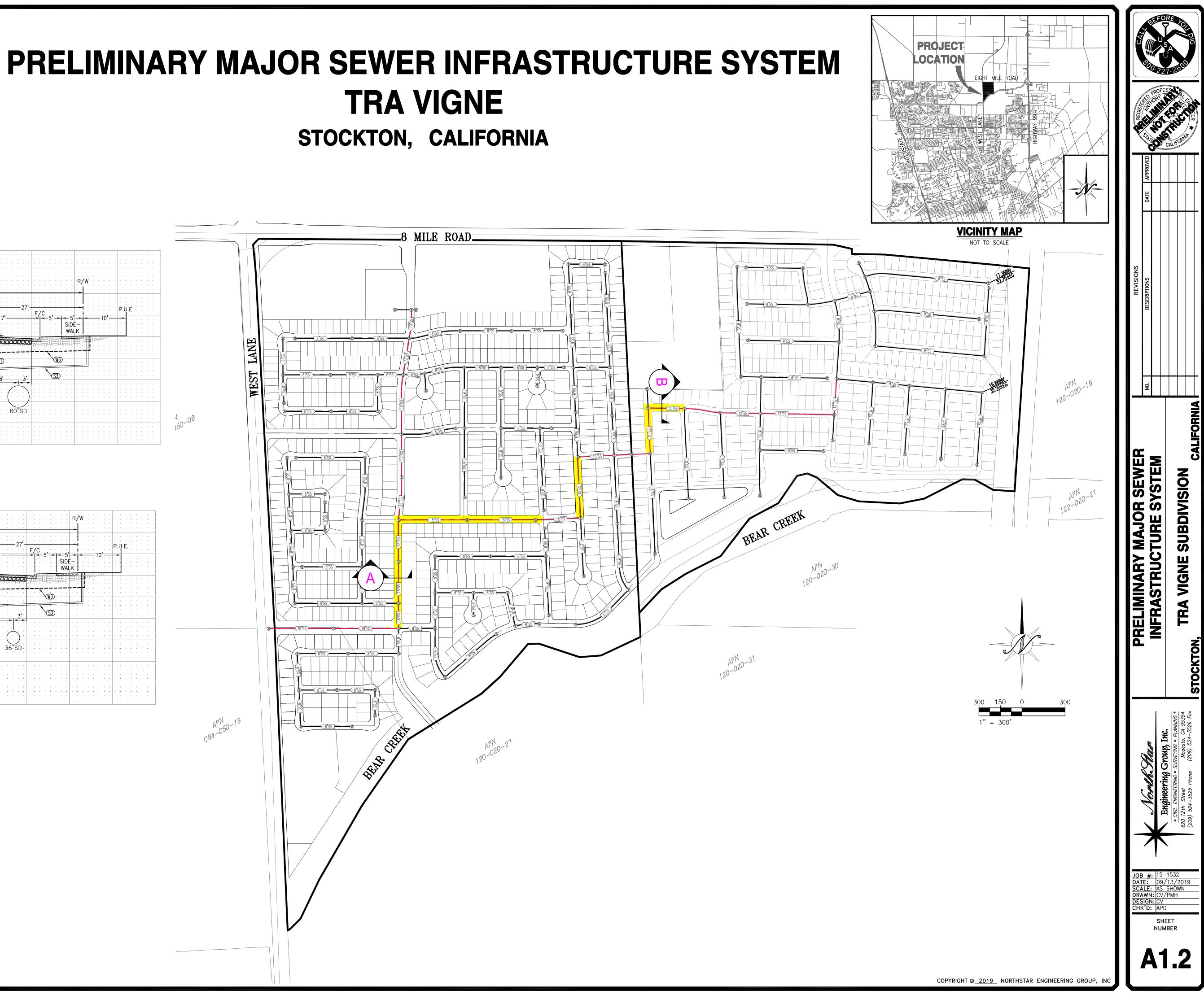
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### LEGEND

- (WI) WATER SERVICE (FLY) LINE W2 WATER TRUNK LINE W3 WATER LATERAL (S1) SEWER SERVICE (FLY) LINE (S2) SEWER TRUNK LINE S3 SEWER LATERAL \_\_\_\_ STREETS WITH (FLY) LINES

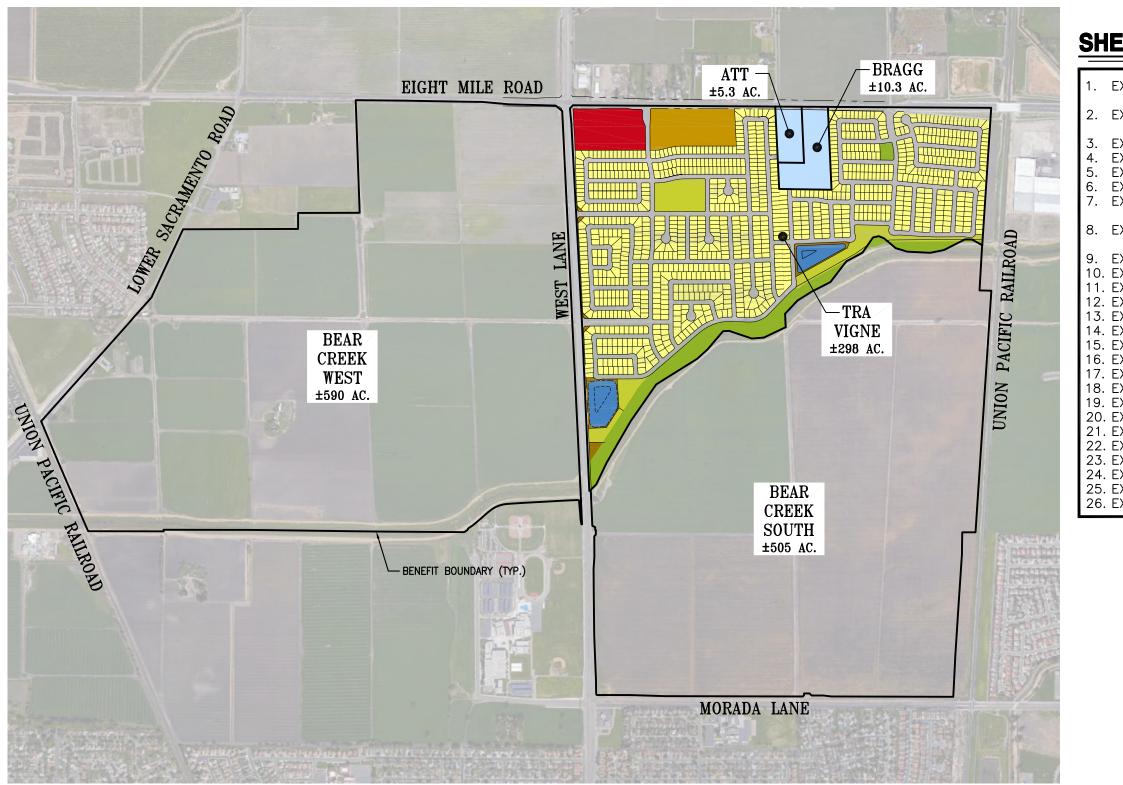
# **TRA VIGNE**



Attachment I

### **EX 1.1** PROJECT REFERENCE MAP FOR AREA OF BENEFIT ANALYSIS

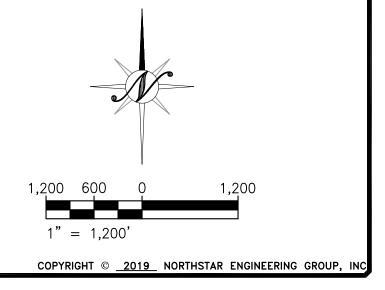
FEBRUARY 27, 2019





### **SHEET INDEX**

EX1.1	AREA OF BENEFIT EXHIBIT WITH TABLE OF CONTENTS
EX2.1	OFFSITE STREET INFRASTRUCTURE PFF & AOB
EX2.2 EX2.3	WEST LANE CROSS SECTION EXHIBIT WEST LANE GEOMETRICS EXHIBIT
EX2.4	EIGHT MILE ROAD CROSS SECTION EXHIBIT
EX2.5	EIGHT MILE ROAD GEOMETRICS EXHIBIT
EX2.6	OFFSITE INTERSECTION INFRASTRUCTURE PFF &
	AOB EXHIBIT
EX3.1	OFF-SITE AND ON-SITE INFRASTRUCTURE
	REIMBURSMENT AND AOB EXHIBIT
EX4.1	TRA VIGNE IN-TRACT PHASING PLAN
EX5.1	ONSITE BACKBONE COST ESTIMATE EXHIBIT
EX6.1	TRA VIGNE PHASE 1 INFRASTRUCTURE
EX6.2	TRA VIGNE PHASE 2 INFRASTRUCTURE
EX6.3	TRA VIGNE PHASE 3 INFRASTRUCTURE
EX6.4	TRA VIGNE PHASE 4 INFRASTRUCTURE
EX6.5	TRA VIGNE PHASE 5 INFRASTRUCTURE
EX6.6	TRA VIGNE PHASE 6 INFRASTRUCTURE
EX6.7	TRA VIGNE PHASE 7 INFRASTRUCTURE
EX6.8	TRA VIGNE PHASE 8 INFRASTRUCTURE
EX6.9	TRA VIGNE PHASE 9 INFRASTRUCTURE
EX6.10	
EX6.11	TRA VIGNE PHASE 11 INFRASTRUCTURE
EX6.12	TRA VIGNE PHASE 12 INFRASTRUCTURE
EX7.1	TRA VIGNE EAST PHASE 1 INFRASTRUCTURE
	TRA VIGNE EAST PHASE 2 INFRASTRUCTURE
	TRA VIGNE EAST PHASE 3 INFRASTRUCTURE
<u>:</u> X/.4	TRA VIGNE EAST PHASE 4 INFRASTRUCTURE

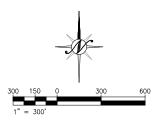






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**EX 4.1** LOT LAYOUT EXHIBIT SCENARIO 43.a.2 PHASING NO BRIDGE, NO SCHOOL SEPTEMBER 13, 2019



### LAND USE LEGEND-WEST SIDE

COMMERCIAL	10.4 ACRES
TRADITIONAL PARK AREA	7.9 ACRES
NON-TRADITIONAL PARK AREA	13.75 ACRES
TOTAL RL LOTS	747
TOTAL HD UNITS	340
	TRADITIONAL PARK AREA NON-TRADITIONAL PARK AREA TOTAL RL LOTS

### LAND USE LEGEND-EAST SIDE



 TRADITIONAL PARK AREA
 5.57 ACRES

 NON-TRADITIONAL PARK AREA
 6.61 ACRES

 TOTAL RL LOTS
 418

### LAND USE LEGEND-TOTAL



COMMERCIAL	10.4 ACRES
TRADITIONAL PARK AREA	13.5 ACRES
NON-TRADITIONAL PARK AREA	20.36 ACRES
TOTAL RL LOTS	1,165
TOTAL HD UNITS	340



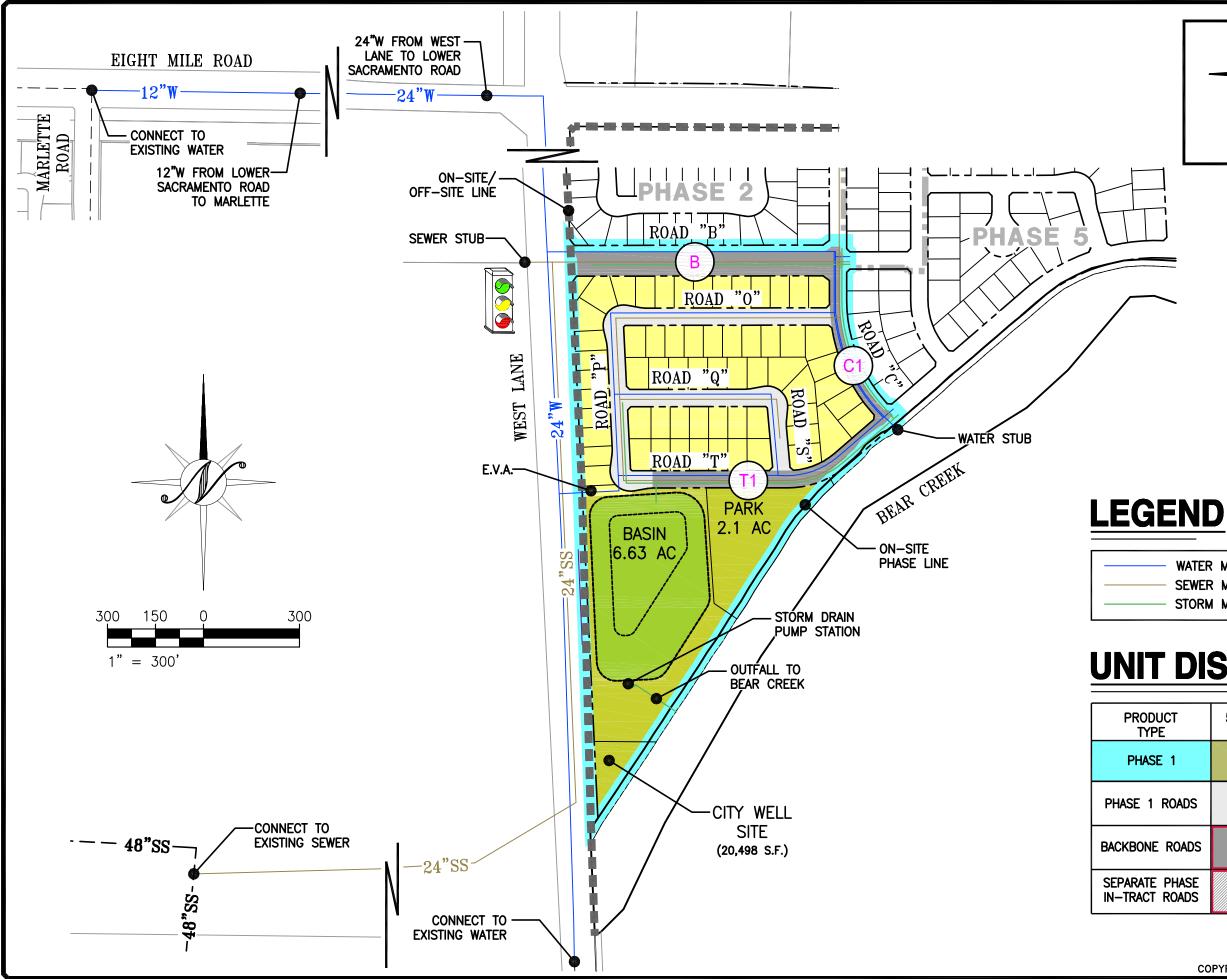


### EX 5.1 IN-TRACT BACKBONE IMPROVEMENTS

SEPTEMBER 13, 2019

# LEGEND

ROAD "A"– SEGMENTS (A1), (A2), AND (A3)
ROAD "B"– SEGMENT (B)
ROAD "C"– SEGMENTS (C1), (C2), (C3), (C4), AND (C5)
ROADS "AA", "BB", AND "FF"– SEGMENTS (BB1), (BB2), (BB3), (AA), AND (FF)
ROAD "E"– SEGMENT (E)–EAST OF ROAD "C"
ROAD "T"- SEGMENT (T)
IN-TRACT PARKS, LANDSCAPING, OPEN SPACE, AND RECREATIONAL IMPROVEMENTS- WEST PARK A
IN-TRACT PARKS, LANDSCAPING, OPEN SPACE, AND RECREATIONAL IMPROVEMENTS- WEST PARK B
IN-TRACT PARKS, LANDSCAPING, OPEN SPACE, AND RECREATIONAL IMPROVEMENTS- EAST
IN—TRACT PARKS, LANDSCAPING, OPEN SPACE, AND RECREATIONAL IMPROVEMENTS— BEAR CREEK OPEN SPACE
TRA VIGNE EAST (E1) AND (E2)



PLO



# EX 6.1 **TRA VIGNE** PHASE 1 INFRASTRUCTURE

FEBRUARY 27, 2019

WATER	MAIN
SEWER	MAIN
STORM	MAIN
	SEWER

roduct Type	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 1			62	62
e 1 Roads				
BONE ROADS		T1 SEI	e exhibit	5.1
RATE PHASE RACT ROADS				

3 PHASE 6 РН AS E - 1 - 1 ON-SITE/-OFF-SITE LINE ON-SITE -PHASE LINE PHASE 4 ROAD "K" WEST LANE <u>.</u> ... ROAD ROAD ROAD "II TEMPORARY -EVA ROAD "B" В PH S 5 E REQUIRED-BACKBONE ROAD Ε S 300 150 300 0 1" = 300' ROAD "T" BEAR CREEK BACKB



# EX 6.2 TRA VIGNE PHASE 2 INFRASTRUCTURE

FEBRUARY 27, 2019

# **LEGEND**

 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

PRODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 2	66			66
PHASE 2 ROADS				
BACKBONE ROADS		T1 SEI	e exhibit	5.1
SEPARATE PHASE IN-TRACT ROADS				





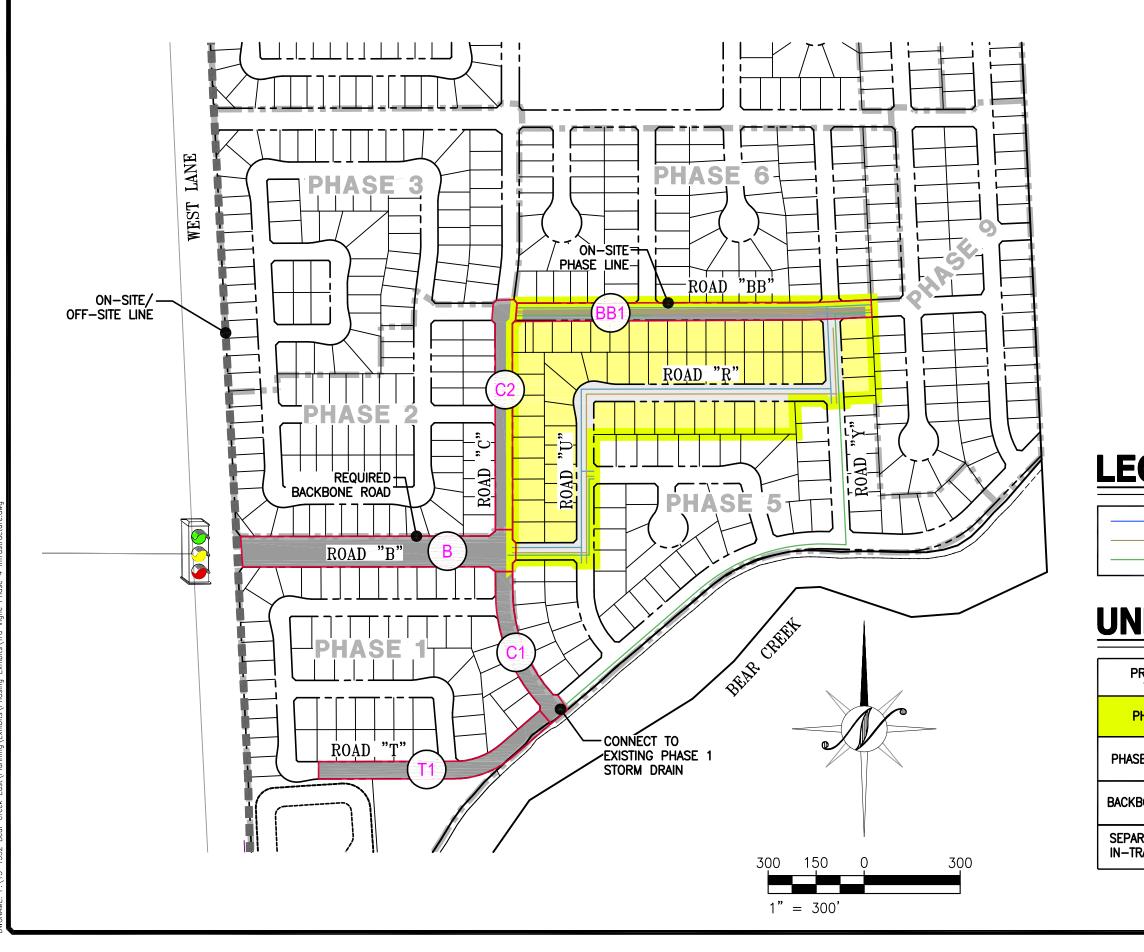
# EX 6.3 TRA VIGNE PHASE 3 INFRASTRUCTURE

FEBRUARY 27, 2019

# **LEGEND**

 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

RODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 3		76	-	76
SE 3 ROADS				
BONE ROADS	T1 SEE EXHIBIT 5.1			5.1
RATE PHASE RACT ROADS	SEE EXHIBIT 6.2			





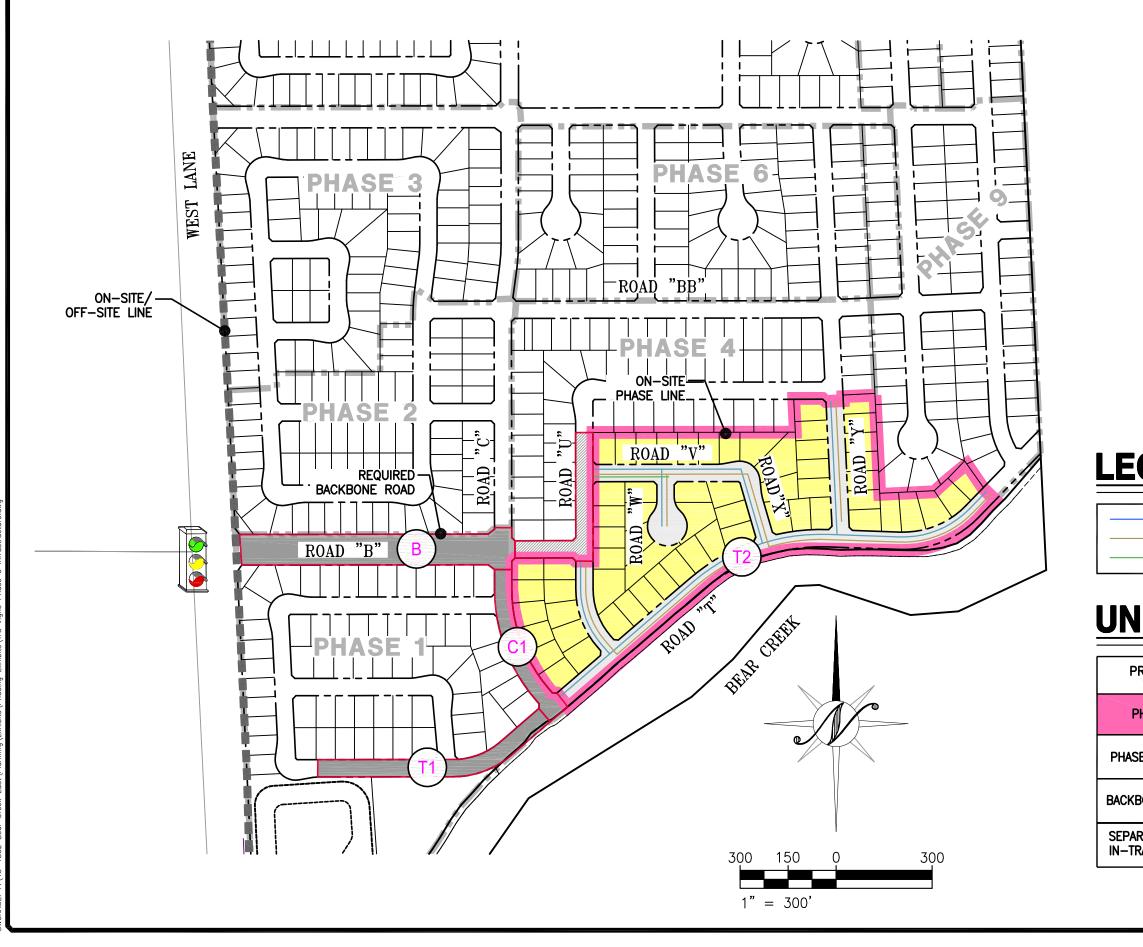
# EX 6.4 TRA VIGNE PHASE 4 INFRASTRUCTURE

FEBRUARY 27, 2019

# **LEGEND**

 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN
 0200200	

RODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 4			60	60
SE 4 ROADS				
BONE ROADS		T1 SE	e exhibit	5.1
RATE PHASE RACT ROADS				





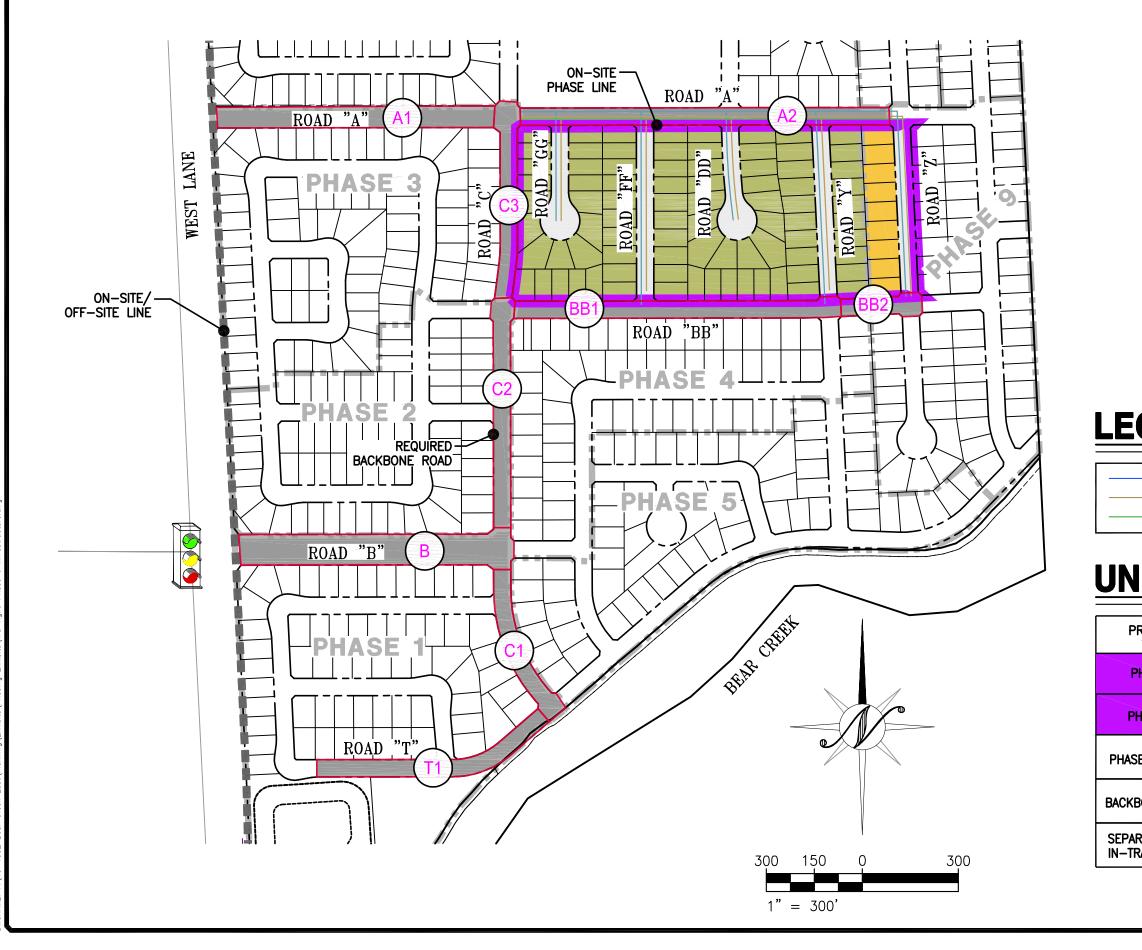
# EX 6.5 TRA VIGNE PHASE 5 INFRASTRUCTURE

FEBRUARY 27, 2019

# **LEGEND**

 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

RODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 5			57	57
SE 5 ROADS				
BONE ROADS		T1 SEI	e exhibit	5.1
RATE PHASE RACT ROADS		SEE EXH	HBIT 6.4	





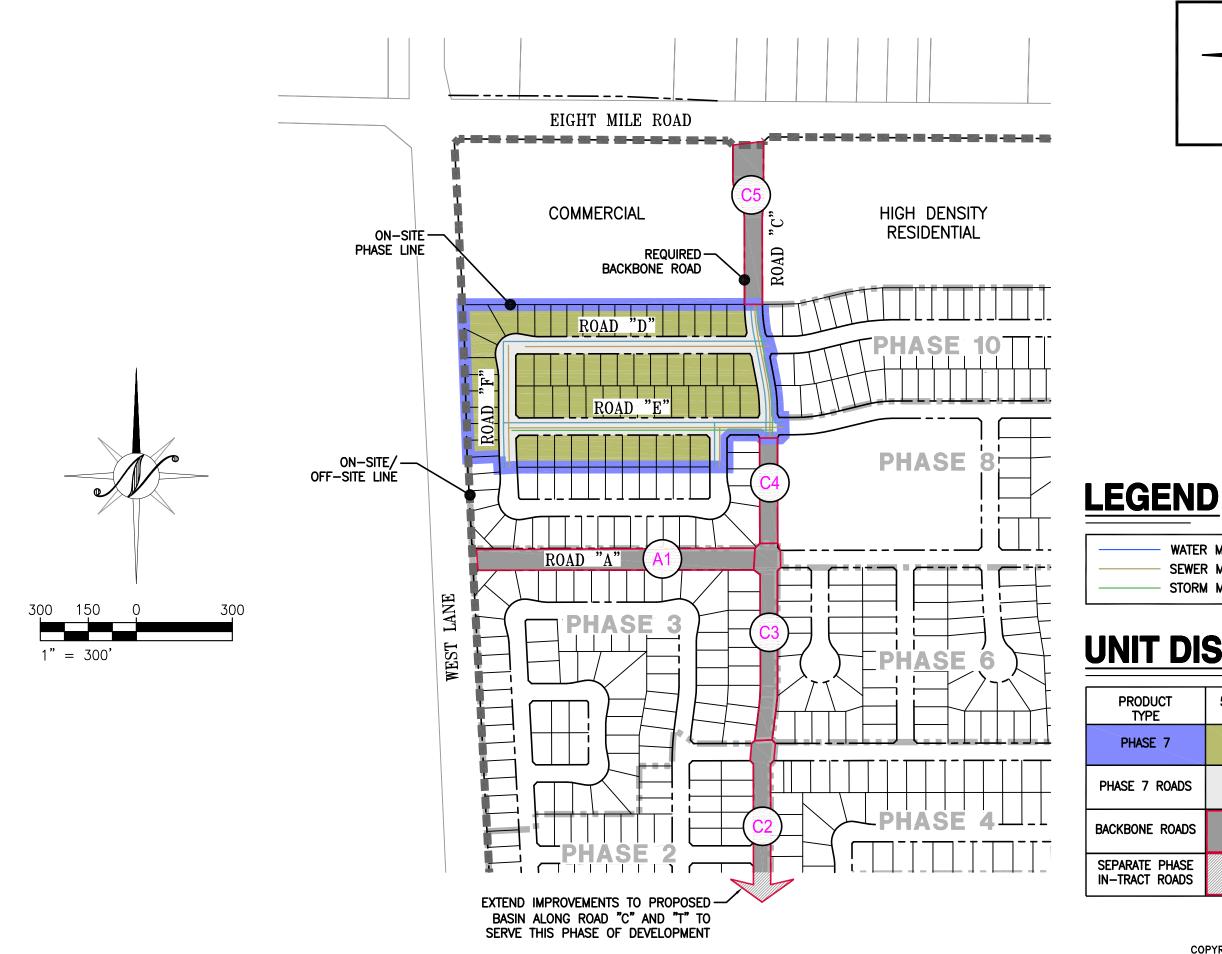
# EX 6.6 **TRA VIGNE** PHASE 6 INFRASTRUCTURE

FEBRUARY 27, 2019



 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

5,000 SF	5,500 SF	6,000 SF	TOTAL
82		ŀ	82
	9	-	9
	T1 SEI	e exhibit	5.1
	SF	SF SF 82 – – 9	SF SF SF 82 – –



PLO<sup>7</sup>

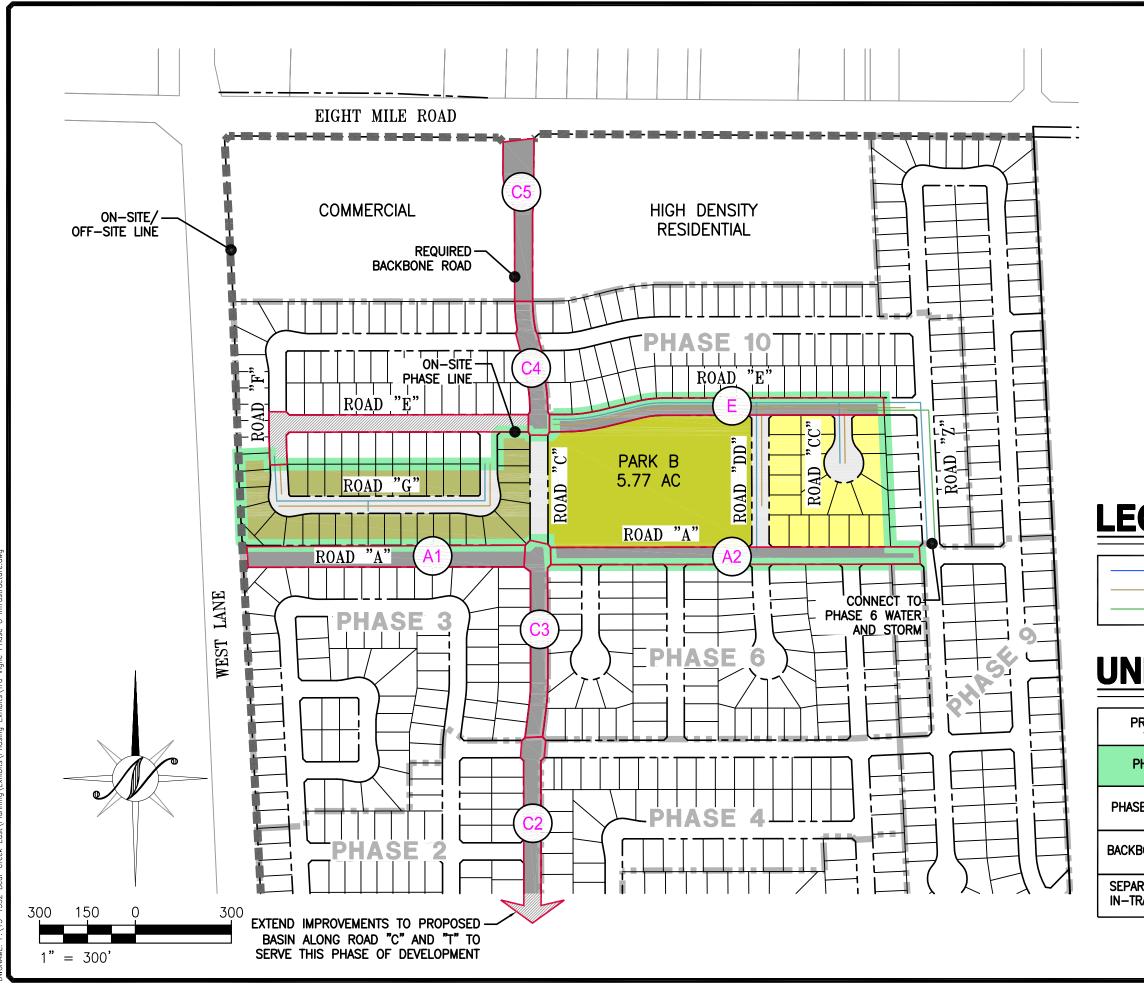


# EX 6.7 **TRA VIGNE** PHASE 7 INFRASTRUCTURE

FEBRUARY 27, 2019

 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

RODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 7	62		-	62
SE 7 ROADS				
BONE ROADS		T1 SEI	e exhibit	5.1
RATE PHASE RACT ROADS				





# EX 6.8 TRA VIGNE PHASE 8 INFRASTRUCTURE

FEBRUARY 27, 2019



 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN
••••	

RODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 8	34		20	54
SE 8 ROADS				
BONE ROADS		T1 SE	e exhibit	5.1
RATE PHASE RACT ROADS		SEE EXH	HBIT 6.7	



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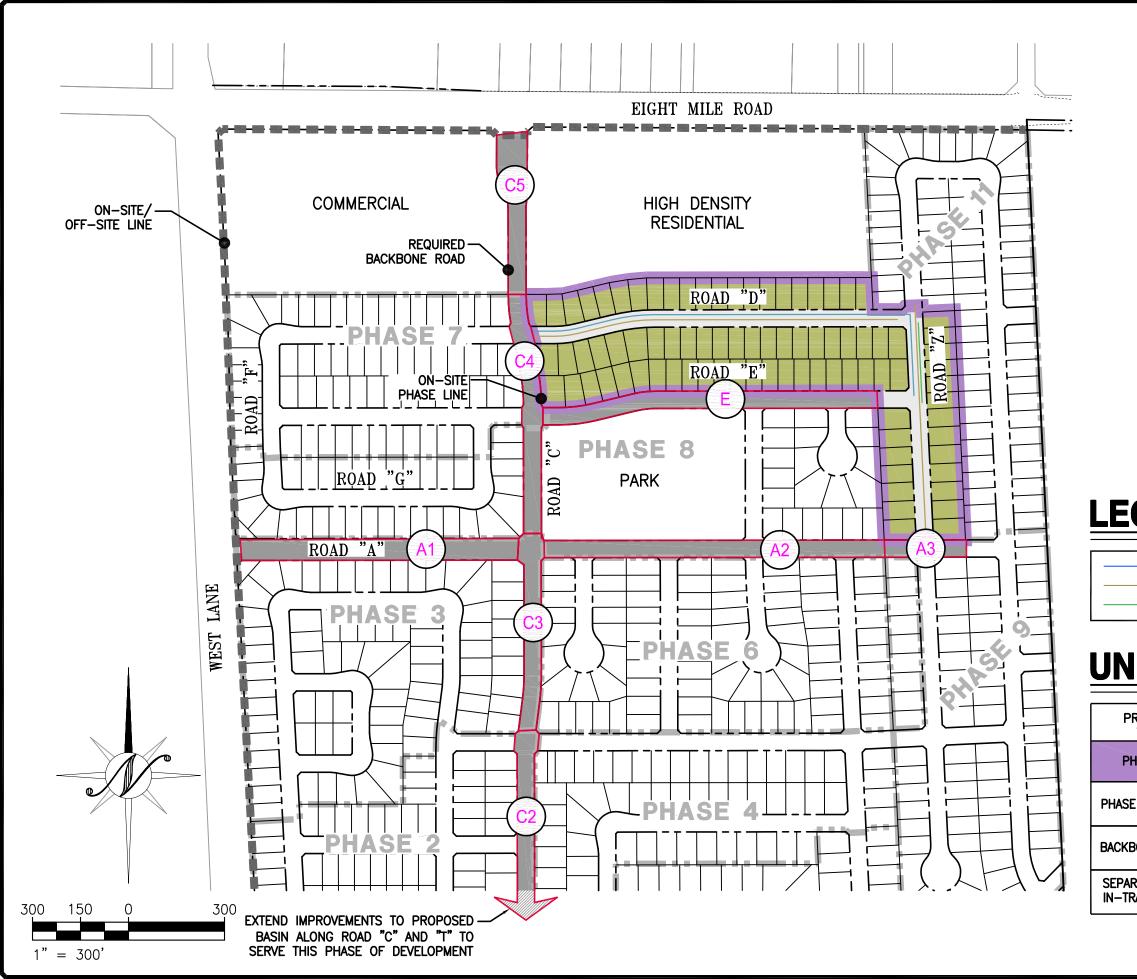
# EX 6.9 TRA VIGNE PHASE 9 INFRASTRUCTURE

FEBRUARY 27, 2019

# **LEGEND**

 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

PRODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 9		62		62
HASE 9 ROADS				
CKBONE ROADS		T1 SEI	e exhibit	5.1
PARATE PHASE -TRACT ROADS				





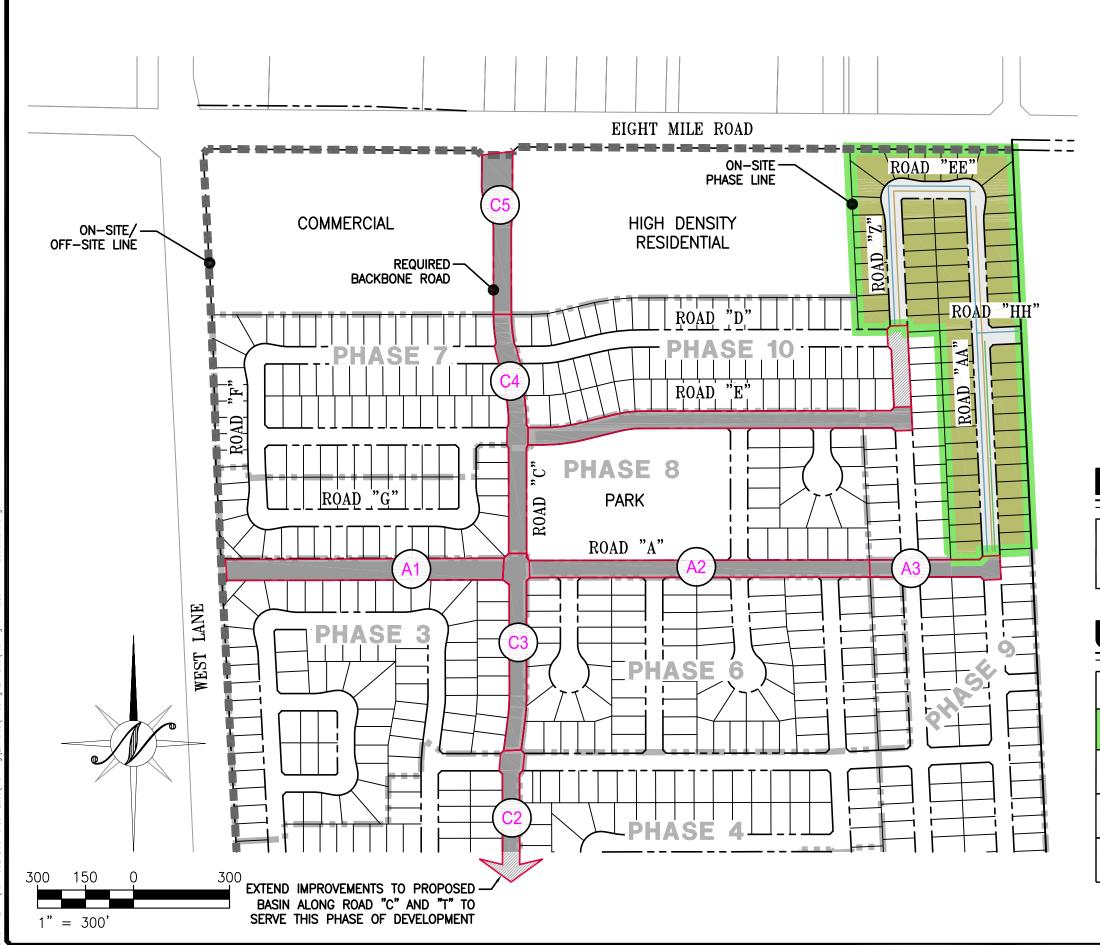
# EX 6.10 TRA VIGNE PHASE 10 INFRASTRUCTURE

FEBRUARY 27, 2019

# **LEGEND**

 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

RODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
HASE 10	85			85
E 10 ROADS				
BONE ROADS		T1 SEI	e exhibit	5.1
RATE PHASE RACT ROADS				





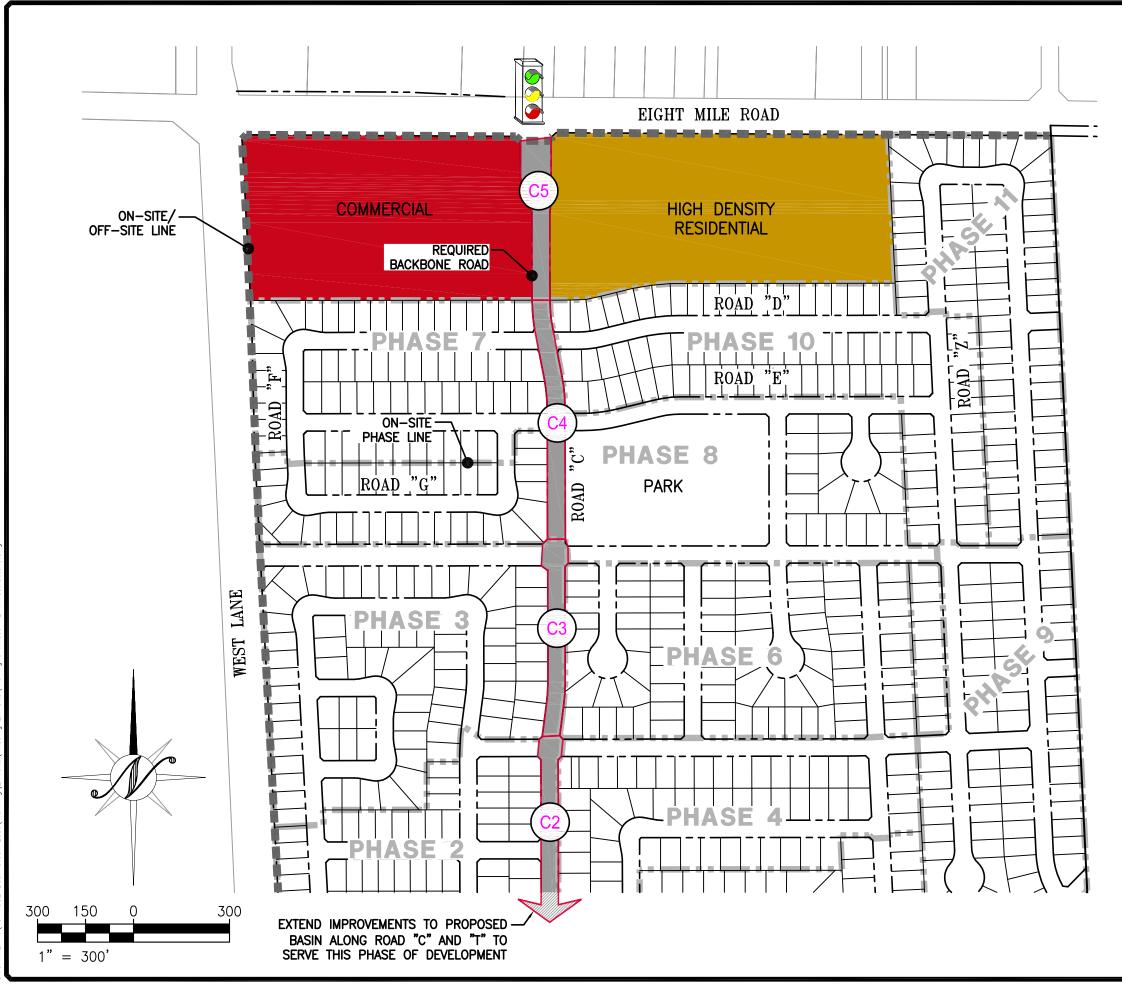
# EX 6.11 TRA VIGNE PHASE 11 INFRASTRUCTURE

FEBRUARY 27, 2019

# **LEGEND**

 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

PRODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 11	67		-	67
PHASE 11 ROADS				
BACKBONE ROADS	T1 SEE EXHIBIT 5.1			
SEPARATE PHASE IN-TRACT ROADS		SEE EXH	IBIT 6.10	





# EX 6.12 TRA VIGNE PHASE 12 INFRASTRUCTURE

FEBRUARY 27, 2019

### NOTE

IF MULTI-FAMILY/ COMMERCIAL SITES ARE DEVELOPED FIRST, NECESSARY EIGHT MILE ROAD AND WEST LANE ROADWAY AND INFRASTRUCTURE IMPROVEMENTS ARE REQUIRED.

### LAND DISTRIBUTION

PRODUCT TYPE	COMMERCIAL (CM)	MULTI-FAMILY (MF)	
UNIT COUNT		340	
BACKBONE ROADS	os T1 see exhibit 5		
SEPARATE PHASE IN-TRACT ROADS			



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### **EX 7.1** TRA VIGNE EAST PHASE 1 INFRASTRUCTURE

FEBRUARY 27, 2019



 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

# **UNIT DISTRIBUTION**

PRODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 1	109	-	_	109
PHASE 1 ROADS				
BACKBONE ROADS	E		EXHIBIT	5.1
SEPARATE PHASE IN-TRACT ROADS				



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### EX 7.2 TRA VIGNE EAST PHASE 2 INFRASTRUCTURE

FEBRUARY 27, 2019



 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

# **UNIT DISTRIBUTION**

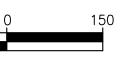
PRODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 2	_	102	-	102
PHASE 2 ROADS				
BACKBONE ROADS	E1 SEE EXHIBIT 5.1			
SEPARATE PHASE IN-TRACT ROADS				





### EX 7.3 TRA VIGNE EAST PHASE 3 INFRASTRUCTURE

### FEBRUARY 27, 2019

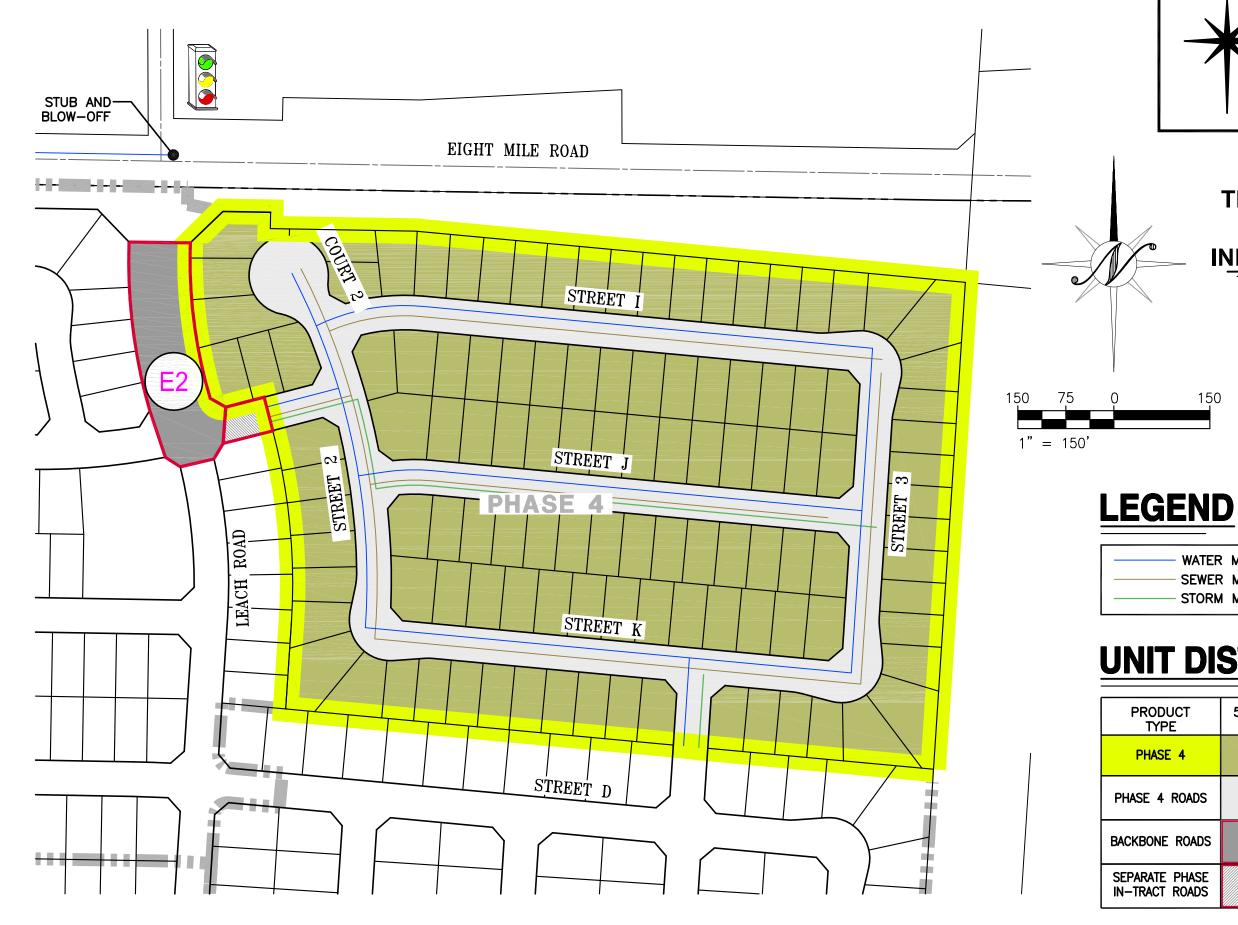




 WATER	MAIN
 SEWER	
 STORM	MAIN

# **UNIT DISTRIBUTION**

PRODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL	
PHASE 3	_	-	93	93	
PHASE 3 ROADS					
BACKBONE ROADS	(E1) SEE EXHIBIT 5.1				
SEPARATE PHASE IN-TRACT ROADS					



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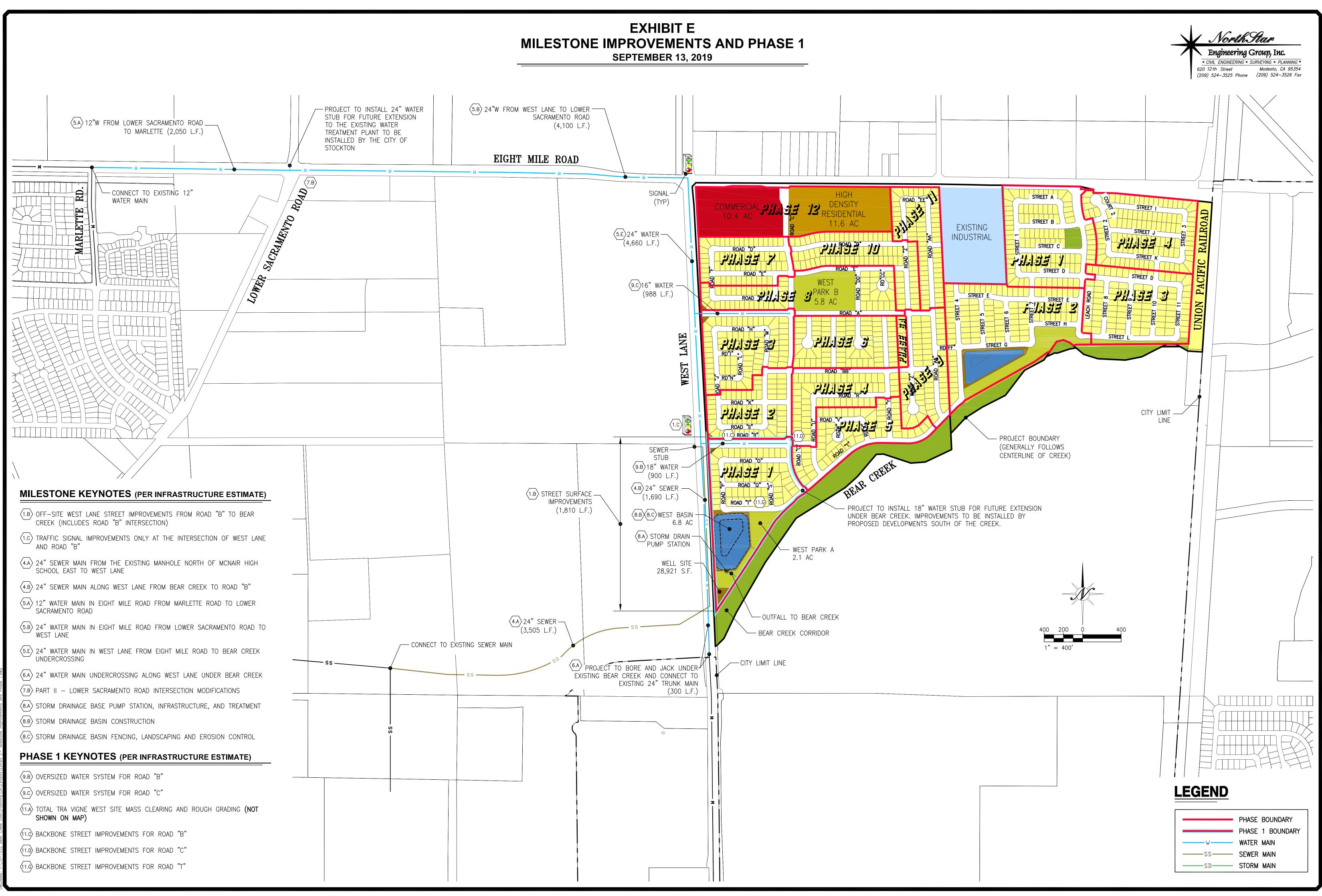
### **EX 7.4 TRA VIGNE EAST** PHASE 4 **INFRASTRUCTURE**

### FEBRUARY 27, 2019

 WATER	MAIN
 SEWER	MAIN
 STORM	MAIN

# **UNIT DISTRIBUTION**

PRODUCT TYPE	5,000 SF	5,500 SF	6,000 SF	TOTAL
PHASE 4	114	-	-	114
PHASE 4 ROADS				
BACKBONE ROADS	E		EXHIBIT	5.1
SEPARATE PHASE IN-TRACT ROADS				



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