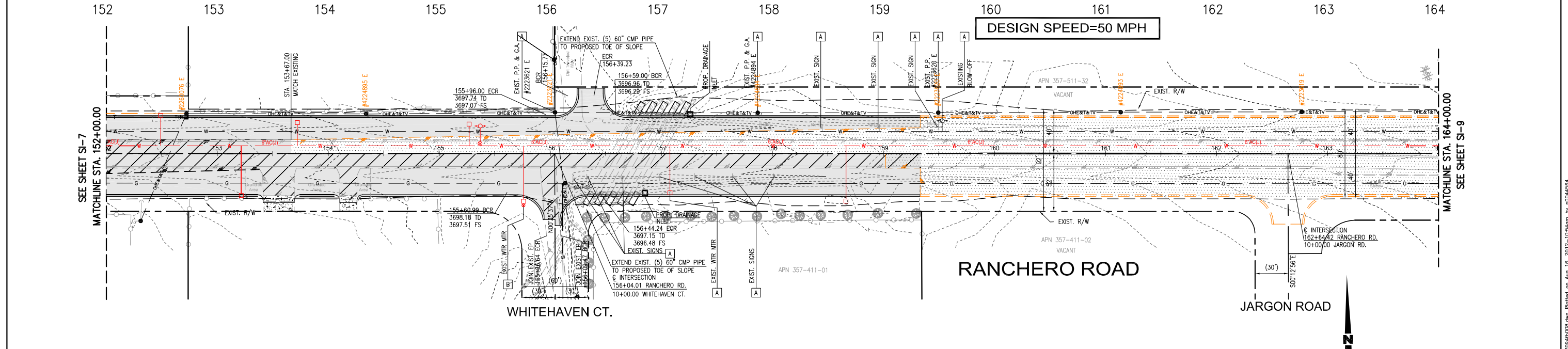
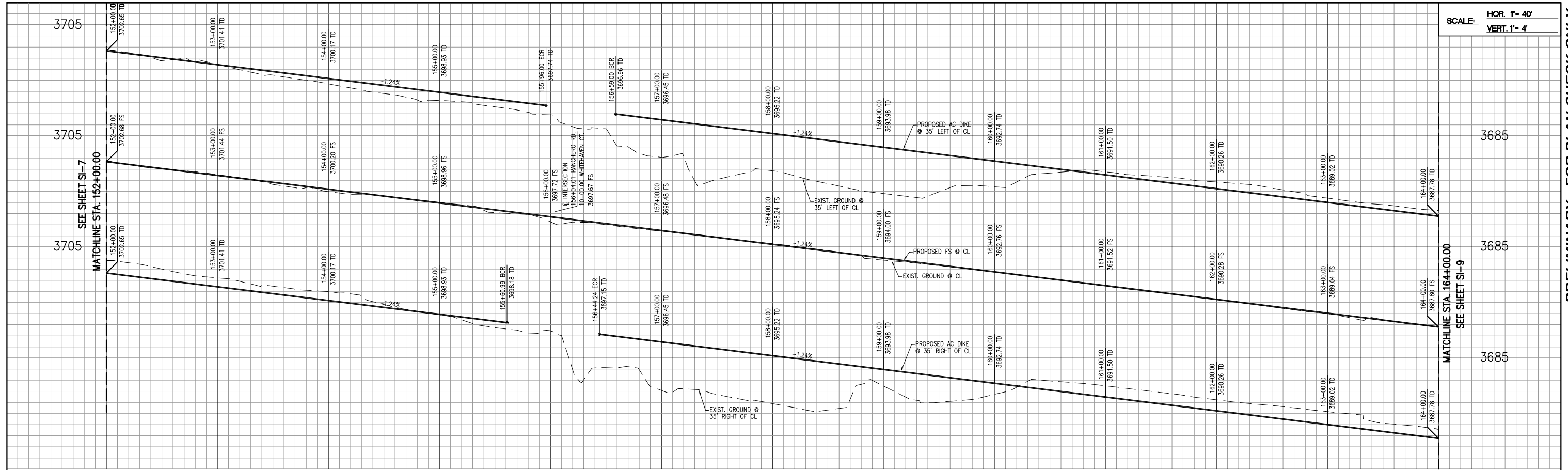


SCALE: HOR. 1" = 40'
VERT. 1" = 4'



DESIGN SPEED=50 MPH

RANCHERO ROAD

WHITEHAVEN CT.

JARGON ROAD

LEGEND:

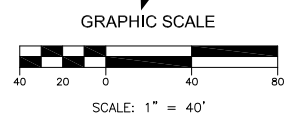
- INDICATES PROPOSED A.C. PAVEMENT
- INDICATES REMOVE EXISTING A.C. PAVEMENT
- INDICATES GRIND & OVERLAY EXISTING A.C. PAVEMENT

CONSTRUCTION NOTES:

- (X) CONSTRUCT 4" MINIMUM THICK A.C. PAVEMENT CR-AR 4000 ON 6.5" MIN. CLASS 2 CAB
- (X) SAWCUT EXISTING A.C. PAVEMENT WITH CLEAN EDGE AND APPLY TACK COAT
- (X) REMOVE EXISTING FULL DEPTH A.C. PAVEMENT AND BASE MATERIAL
- (X) SAWCUT 3" AND FEATHER EXISTING A.C. PAVEMENT TO PROVIDE SMOOTH TRANSITION

DISPOSITION NOTES:

- (A) TO BE RELOCATED BY OTHERS
- (B) PROTECT-IN-PLACE



Know what's below.
Call before you dig.

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
SUBMITTED BY:	DATE:	MAZIN KASEY, P.E. DEPUTY DIRECTOR/ROAD COMMISSIONER	DATE:
DESIGN ENGINEER:	DATE:	RECOMMENDED FOR AUTHORIZATION BY:	DATE:
RECOMMENDED BY:	DATE:	GERRY NEWCOMBE DIRECTOR OF PUBLIC WORKS	DATE:
CHIEF DESIGN ENGINEER:	DATE:		

CITY OF HESPERIA
ENGINEERING DEPARTMENT

RECOMMENDED FOR APPROVAL BY:	APPROVED BY:
DATE:	JOHN R. LEVILLÉE R.C.E. 61904 EXP. DATE 9/30/13 CITY ENGINEER
AUTHORIZED SIGNATURE:	

CITY OF HESPERIA
RANCHERO ROAD
CORRIDOR WIDENING PLANS
 PLAN AND PROFILE
 152+00.00 TO 164+00.00

DRAFT
 JOB No. C.O. 7094
 SHEET X OF XX
SI-8

REV.	DESCRIPTION	DATE	BY	BENCHMARK: CITY OF HESPERIA H-21 LOCATION: SW CORNER OF THE INTERSECTION OF RANCHERO RD. & FUENTE AVE.; 28.2' EAST OF EXISTING FIRE HYDRANT. DESCRIPTION: 3" BRASS CAP ELEVATION = 3640.317

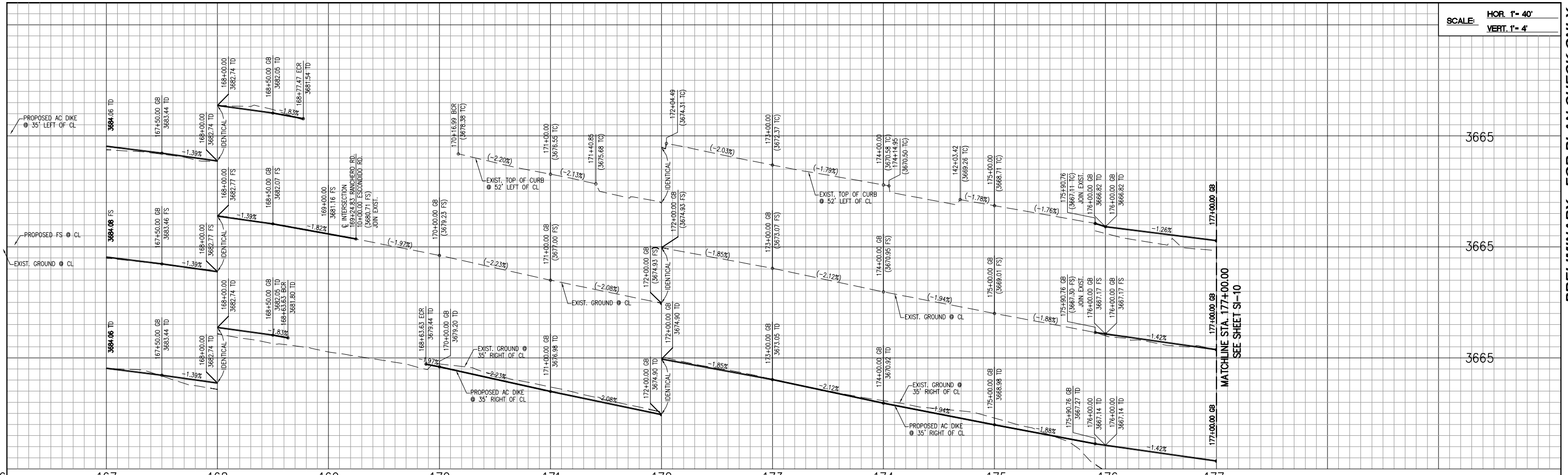
DESIGNED BY: LT
 DRAWN BY: LT
 CHECKED BY: AC
 SUBMITTED BY:
 SOON A. CHEAH RCE No. 52143 DATE:



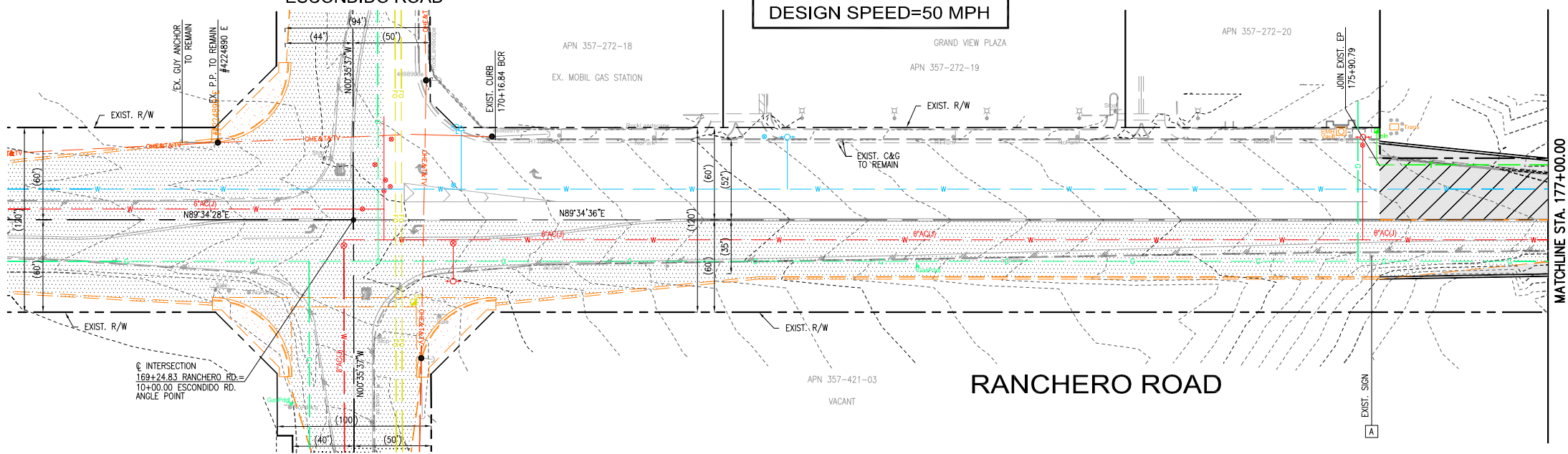
PLANS PREPARED BY:
PARSONS
 3200 EAST GUASTI ROAD, SUITE 200
 ONTARIO, CA 91761
 PHONE: (909) 218-3600 FAX: (909) 218-3605

PRELIMINARY - FOR PLAN CHECK ONLY

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



166 167 168 169 170 171 172 173 174 175 176 177



ESCONDIDO ROAD

DESIGN SPEED=50 MPH

RANCHERO ROAD

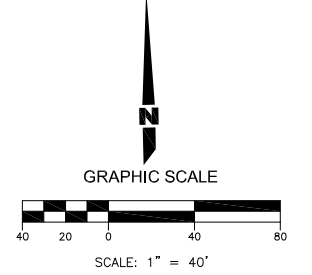
LEGEND:

- INDICATES PROPOSED A.C. PAVEMENT
- INDICATES REMOVE EXISTING A.C. PAVEMENT
- INDICATES OVERLAY EXISTING A.C. PAVEMENT

DISPOSITION NOTES:

- A TO BE RELOCATED BY OTHERS
- B PROTECT-IN-PLACE

COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
SUBMITTED BY:	DATE:		MAZIN KASEY, P.E. DEPUTY DIRECTOR/ROAD COMMISSIONER
DESIGN ENGINEER:	DATE:	RECOMMENDED FOR AUTHORIZATION BY:	
RECOMMENDED BY:	DATE:	GERRY NEWCOMBE DIRECTOR OF PUBLIC WORKS	
CHIEF DESIGN ENGINEER		DATE:	



DRAFT



Know what's below.
Call before you dig.

REV.	DESCRIPTION	DATE	BY
BENCHMARK: CITY OF HESPERIA H-21			
LOCATION: SW CORNER OF THE INTERSECTION OF RANCHERO RD. & FUENTE AVE.; 28.2' EAST OF EXISTING FIRE HYDRANT.			
DESCRIPTION: 3" BRASS CAP			
ELEVATION = 3640.317			



PLANS PREPARED BY:

3200 EAST GUASTI ROAD, SUITE 200
ONTARIO, CA 91761
PHONE: (909) 218-3600 FAX: (909) 218-3605

CITY OF HESPERIA ENGINEERING DEPARTMENT	
RECOMMENDED FOR APPROVAL BY:	APPROVED BY:
DATE:	JOHN R. LEVELLEE
AUTHORIZED SIGNATURE	R.C.E. 61904 EXP. DATE 9/30/13 CITY ENGINEER

CITY OF HESPERIA
RANCHERO ROAD
CORRIDOR WIDENING PLANS

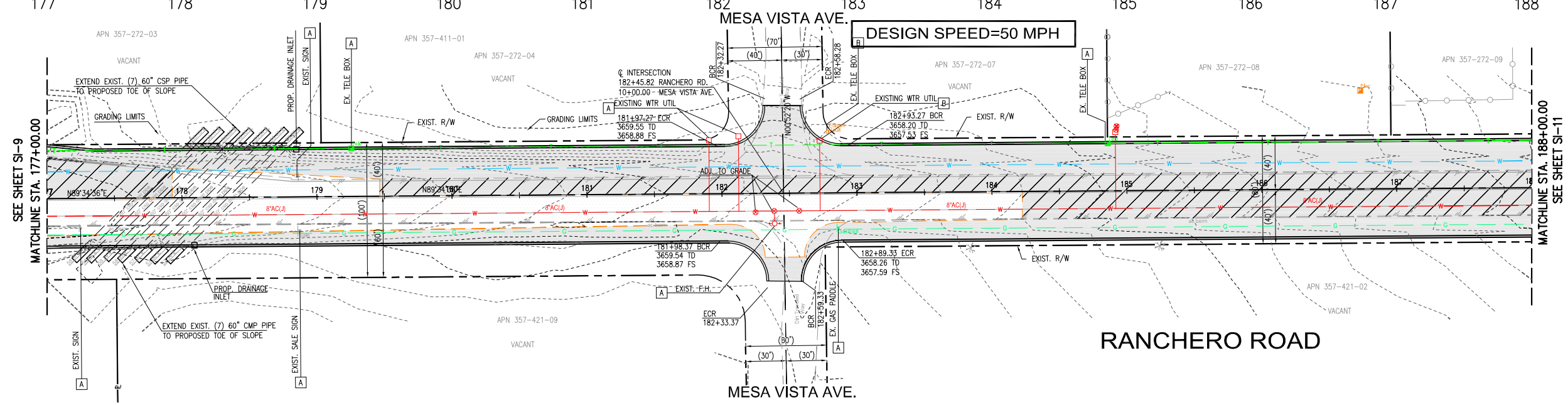
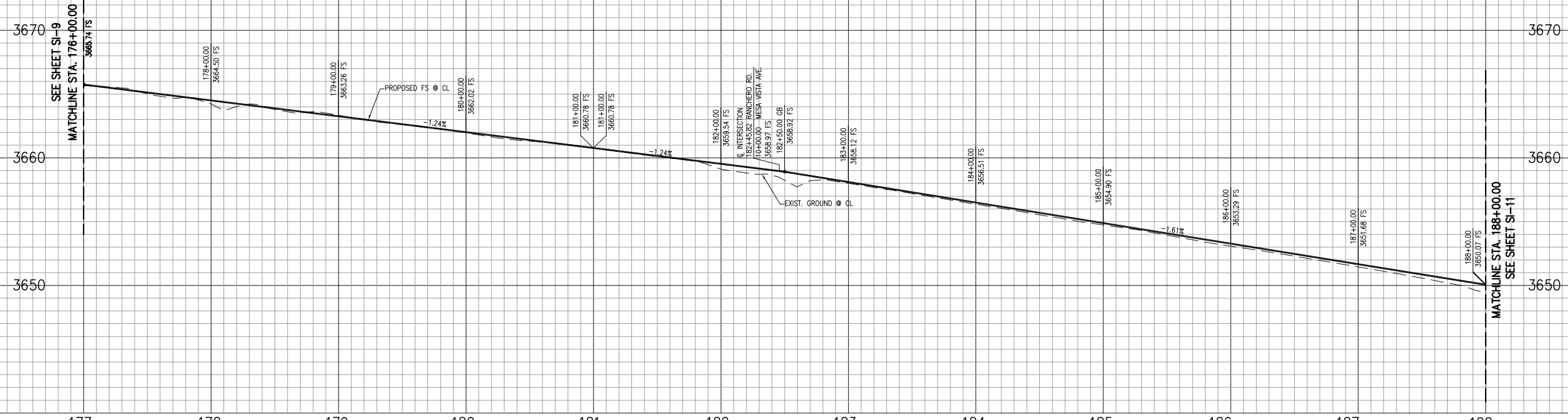
PLAN AND PROFILE
164+00.00 TO 176+00.00

JOB No. C.O. 7094
SHEET X OF XX
SI-9

G:\67021_Hesperia\CIPs\2-7094_Ranchero Rd\SHEETS\04_Plan_Profile\10866029_Escondido.dwg Plotted on Aug 16, 2012 - 10:55am by pd044584

PRELIMINARY - FOR PLAN CHECK ONLY

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



LEGEND:

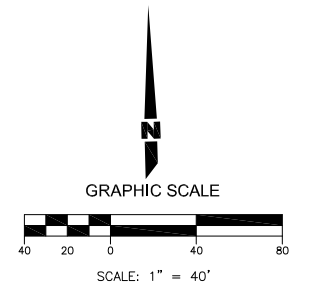
- INDICATES PROPOSED A.C. PAVEMENT
- INDICATES REMOVE EXISTING A.C. PAVEMENT
- INDICATES OVERLAY EXISTING A.C. PAVEMENT

CONSTRUCTION NOTES:

- CONSTRUCT 4" MINIMUM THICK A.C. PAVEMENT CR-AR 4000 ON 6.5" MIN. CLASS 2 C&B
- SAWCUT EXISTING A.C. PAVEMENT WITH CLEAN EDGE AND APPLY TACK COAT
- REMOVE EXISTING FULL DEPTH A.C. PAVEMENT AND BASE MATERIAL
- SAWCUT 3" AND FEATHER EXISTING A.C. PAVEMENT TO PROVIDE SMOOTH TRANSITION

DISPOSITION NOTES:

- TO BE RELOCATED BY OTHERS
- PROTECT-IN-PLACE



COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
SUBMITTED BY:		DATE:	
DESIGN ENGINEER:	DATE:	RECOMMENDED FOR AUTHORIZATION BY:	
RECOMMENDED BY:	DATE:	DATE:	
CHIEF DESIGN ENGINEER:	DATE:	GERRY NEWCOMBE DIRECTOR OF PUBLIC WORKS	

**CITY OF HESPERIA
ENGINEERING DEPARTMENT**

RECOMMENDED FOR APPROVAL BY:	APPROVED BY:
DATE:	JOHN R. LEVILLÉE
AUTHORIZED SIGNATURE:	R.C.E. 61904 EXP. DATE 9/30/13 CITY ENGINEER

**CITY OF HESPERIA
RANCHERO ROAD
CORRIDOR WIDENING PLANS**

PLAN AND PROFILE
176+00.00 TO 188+00.00

JOB No. C.O. 7094
SHEET X OF XX
SI-10

REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
LOCATION:
SW CORNER OF THE INTERSECTION OF
RANCHERO RD. & FUENTE AVE.; 28.2'
EAST OF EXISTING FIRE HYDRANT.
DESCRIPTION:
3" BRASS CAP
ELEVATION = 3640.317

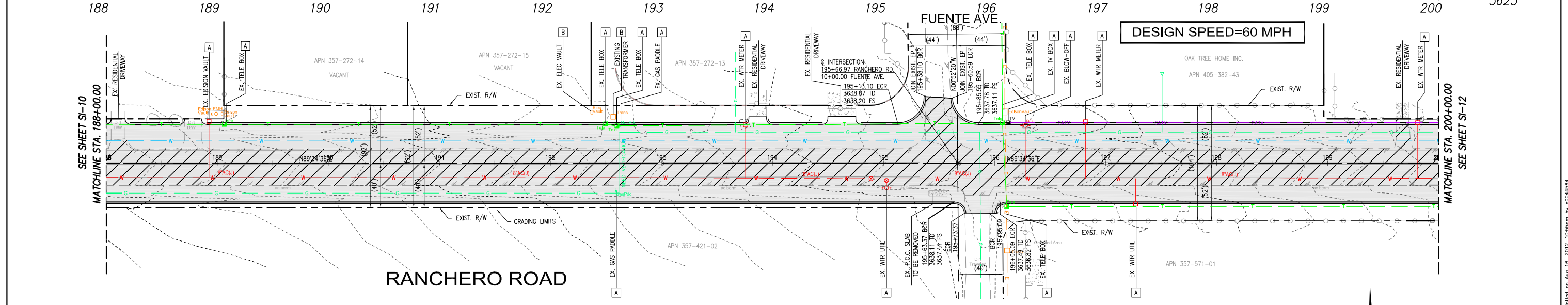
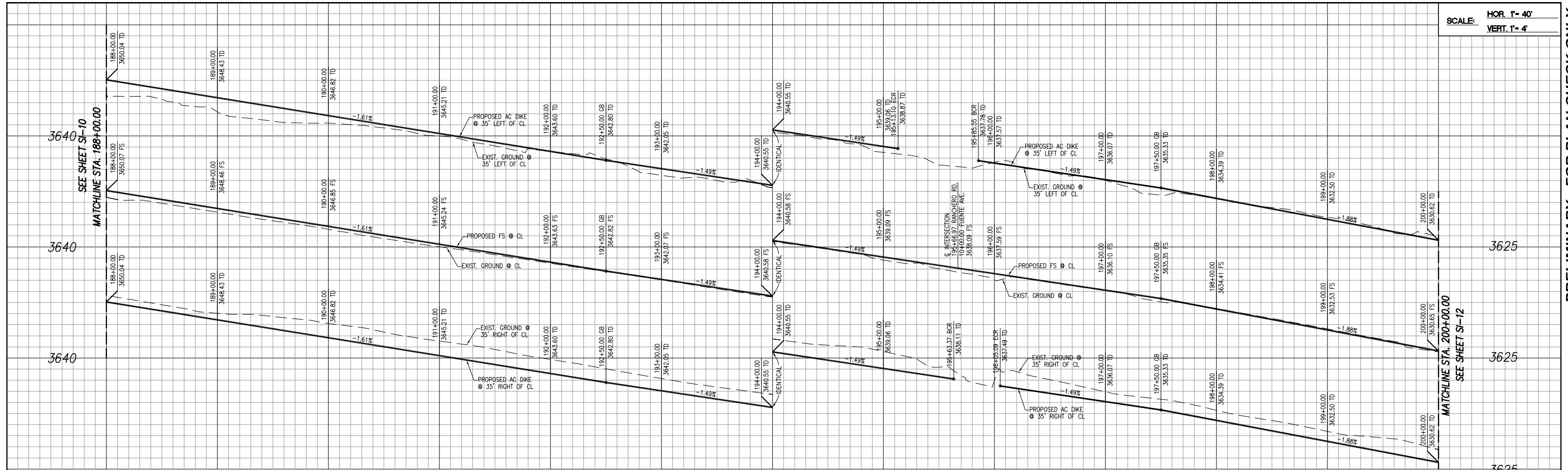
DESIGNED BY: LT
DRAWN BY: LT
CHECKED BY: AC
SUBMITTED BY:
SOON A. CHEAH RCE No. 52143 DATE:



G:\67031_Hesperia\CPA\2-7094_Ranchero Rd\Sheets\04_Plan_Profile\0496610.dwg Plotted on Aug 16, 2012 10:55am by p044664

PRELIMINARY - FOR PLAN CHECK ONLY

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



DISPOSITION NOTES:

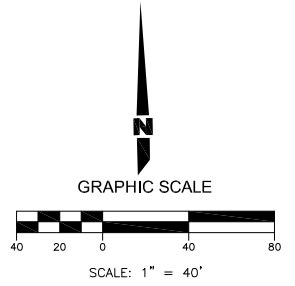
- A TO BE RELOCATED BY OTHERS
- B PROTECT-IN-PLACE

LEGEND:

- [Hatched Box] INDICATES PROPOSED A.C. PAVEMENT
- [Diagonal Lines] INDICATES REMOVE EXISTING A.C. PAVEMENT
- [Dotted Box] INDICATES OVERLAY EXISTING A.C. PAVEMENT



Know what's below.
Call before you dig.



REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
 LOCATION:
 SW CORNER OF THE INTERSECTION OF RANCHERO RD. & FUENTE AVE.; 28.2' EAST OF EXISTING FIRE HYDRANT.
 DESCRIPTION:
 3" BRASS CAP
 ELEVATION = 3640.317

DESIGNED BY: LT
 DRAWN BY: LT
 CHECKED BY: AC
 SUBMITTED BY:
 SOON A. CHEAH RCE No. 52143 DATE:



PLANS PREPARED BY:
PARSONS
 3200 EAST GUASTI ROAD, SUITE 200
 ONTARIO, CA 91761
 PHONE: (909) 218-3600 FAX: (909) 218-3605

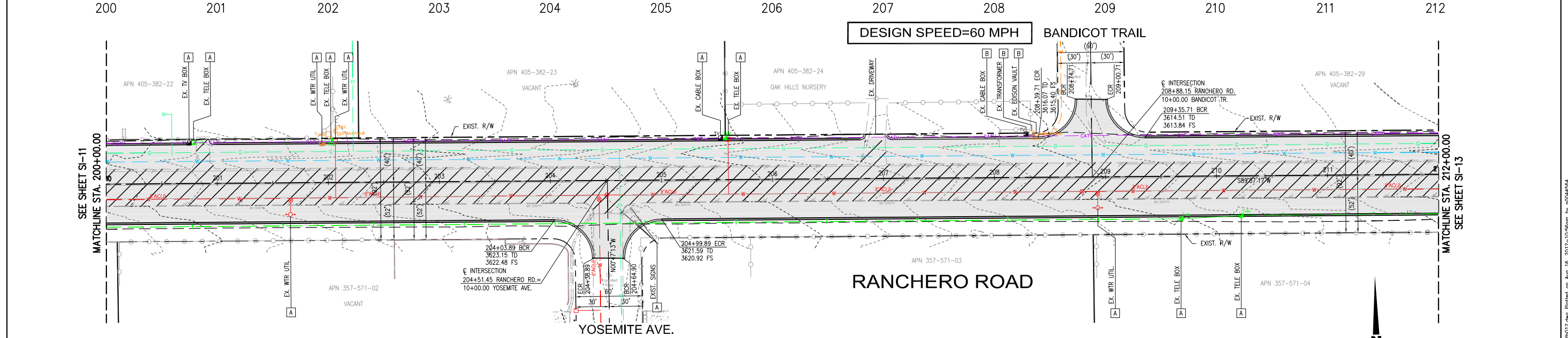
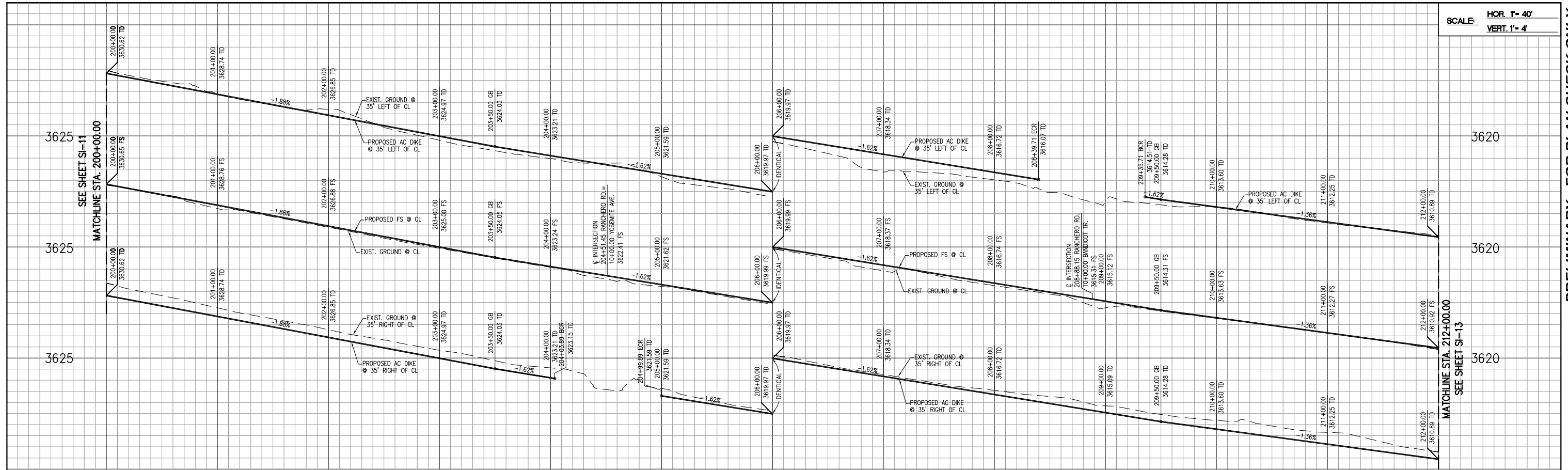
COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
SUBMITTED BY:	DATE:	MAZIN KASEY, P.E. DEPUTY DIRECTOR/ROAD COMMISSIONER	DATE:
RECOMMENDED BY:	DATE:	RECOMMENDED FOR AUTHORIZATION BY:	DATE:
CHIEF DESIGN ENGINEER	DATE:	GERRY NEWCOMBE DIRECTOR OF PUBLIC WORKS	DATE:
RECOMMENDED FOR APPROVAL BY:	DATE:	APPROVED BY:	DATE:
AUTHORIZED SIGNATURE	DATE:	JOHN R. LEVILLÉE R.C.E. 61904 EXP. DATE 9/30/13 CITY ENGINEER	DATE:

CITY OF HESPERIA
RANCHERO ROAD
CORRIDOR WIDENING PLANS
 PLAN AND PROFILE
 188+00.00 TO 200+00.00

DRAFT
 JOB No.
 C.O. 7094
 SHEET
 X
 OF
 XX
SI-11

G:\67031_Hesperia\CIP\2_7094_Ranchoero Rd\SHEETS\04_Plan_Profile\04_Plan_Profile\04_Plan_Profile.dwg Plotted on Aug 16, 2012 - 10:55am by p004464

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



Know what's below.
Call before you dig.

LEGEND:

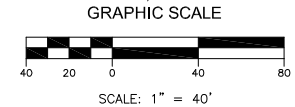
- INDICATES PROPOSED A.C. PAVEMENT
- INDICATES REMOVE EXISTING A.C. PAVEMENT
- INDICATES OVERLAY EXISTING A.C. PAVEMENT

DISPOSITION NOTES:

- A** TO BE RELOCATED BY OTHERS
- B** PROTECT-IN-PLACE

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
SUBMITTED BY:		MAZIN KASEY, P.E. DEPUTY DIRECTOR/ROAD COMMISSIONER	
DESIGN ENGINEER	DATE	RECOMMENDED FOR AUTHORIZATION BY:	
RECOMMENDED BY:	DATE	GERRY NEWCOMBE DIRECTOR OF PUBLIC WORKS	
CHIEF DESIGN ENGINEER		DATE	



REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
LOCATION:
SW CORNER OF THE INTERSECTION OF RANCHERO RD. & FUENTE AVE.; 28.2' EAST OF EXISTING FIRE HYDRANT.
DESCRIPTION:
3" BRASS CAP
ELEVATION = 3640.317

DESIGNED BY: LT
DRAWN BY: LT
CHECKED BY: AC
SUBMITTED BY:
SOON A. CHEAH RCE No. 52143 DATE:



PLANS PREPARED BY:
PARSONS
3200 EAST GUASTI ROAD, SUITE 200
ONTARIO, CA 91761
PHONE: (909) 218-3600 FAX: (909) 218-3605

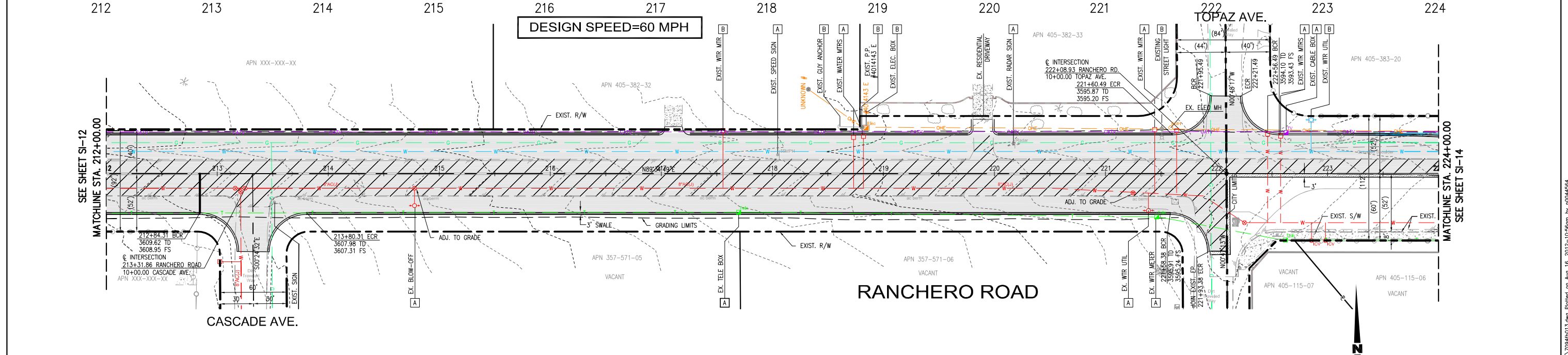
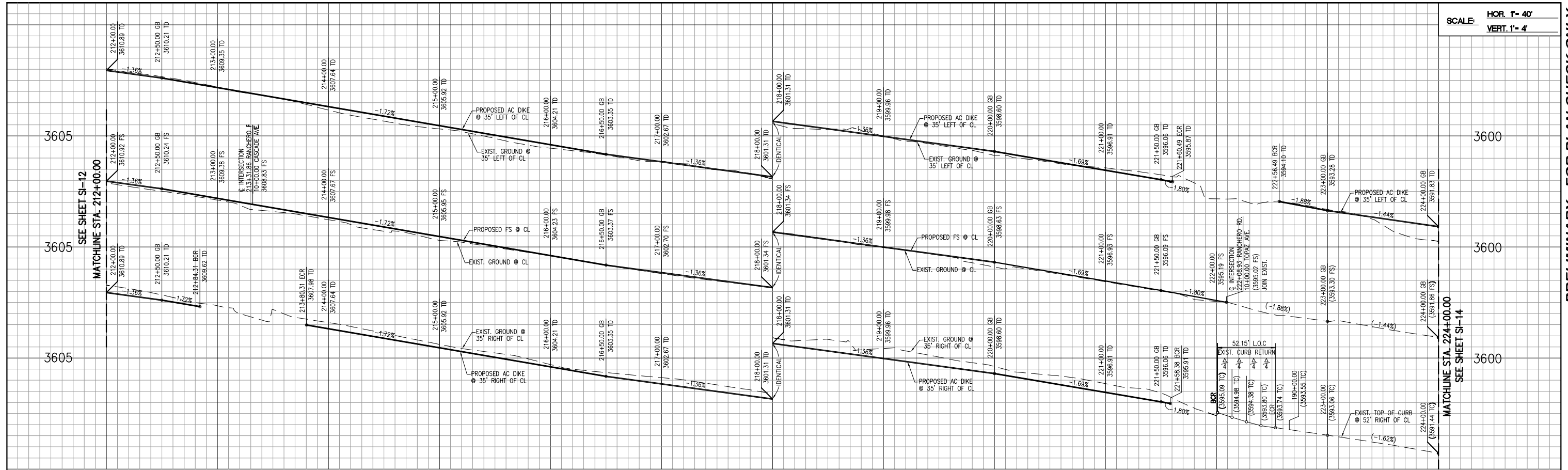
CITY OF HESPERIA
ENGINEERING DEPARTMENT

RECOMMENDED FOR APPROVAL BY:	APPROVED BY:
DATE	JOHN R. LEVILLÉE
AUTHORIZED SIGNATURE	R.C.E. 61904 EXP. DATE 9/30/13 CITY ENGINEER

CITY OF HESPERIA
RANCHERO ROAD
CORRIDOR WIDENING PLANS
PLAN AND PROFILE
200+00.00 TO 212+00.00

DRAFT
JOB No.
C.O. 7094
SHEET
X
OF
XX
SI-12

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



Know what's below.
Call before you dig.

LEGEND:

	INDICATES PROPOSED A.C. PAVEMENT
	INDICATES REMOVE EXISTING A.C. PAVEMENT
	INDICATES GRIND AND OVERLAY EXISTING A.C. PAVEMENT

DISPOSITION NOTES:

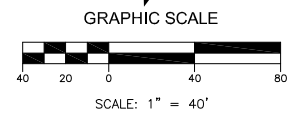
A TO BE RELOCATED BY OTHERS
B PROTECT-IN-PLACE

COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
SUBMITTED BY:	DATE:	RECOMMENDED FOR AUTHORIZATION BY:	DATE:
RECOMMENDED BY:	DATE:	APPROVED BY:	DATE:

MAZIN KASEY, P.E.
DEPUTY DIRECTOR/ROAD COMMISSIONER

GERRY NEWCOMBE
DIRECTOR OF PUBLIC WORKS



DRAFT

REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
LOCATION:
SW CORNER OF THE INTERSECTION OF RANCHERO RD. & FUENTE AVE.; 28.2' EAST OF EXISTING FIRE HYDRANT.
DESCRIPTION:
3" BRASS CAP
ELEVATION = 3640.317

DESIGNED BY: LT
DRAWN BY: LT
CHECKED BY: AC
SUBMITTED BY:
SOON A. CHEAH RCE No. 52143 DATE:



PLANS PREPARED BY:
PARSONS
3200 EAST GUASTI ROAD, SUITE 200
ONTARIO, CA 91761
PHONE: (909) 218-3600 FAX: (909) 218-3605

**CITY OF HESPERIA
ENGINEERING DEPARTMENT**

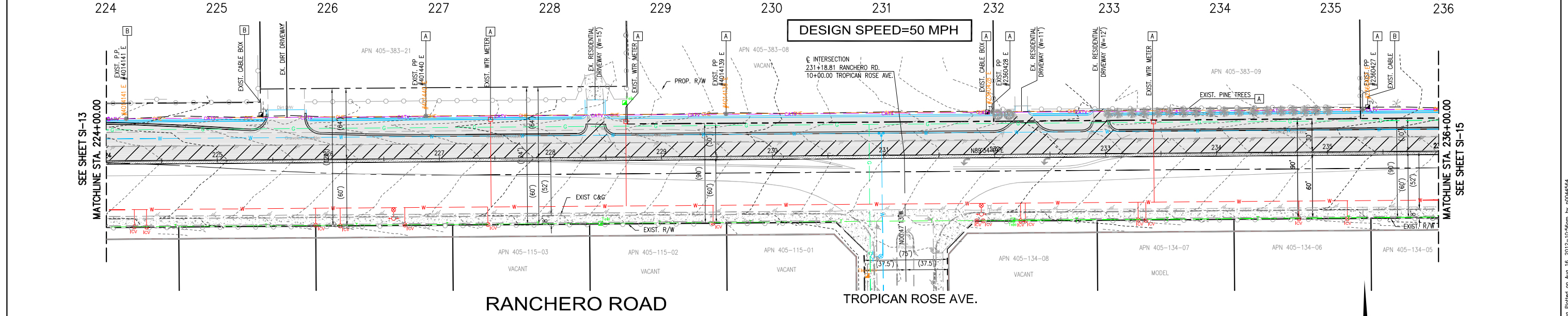
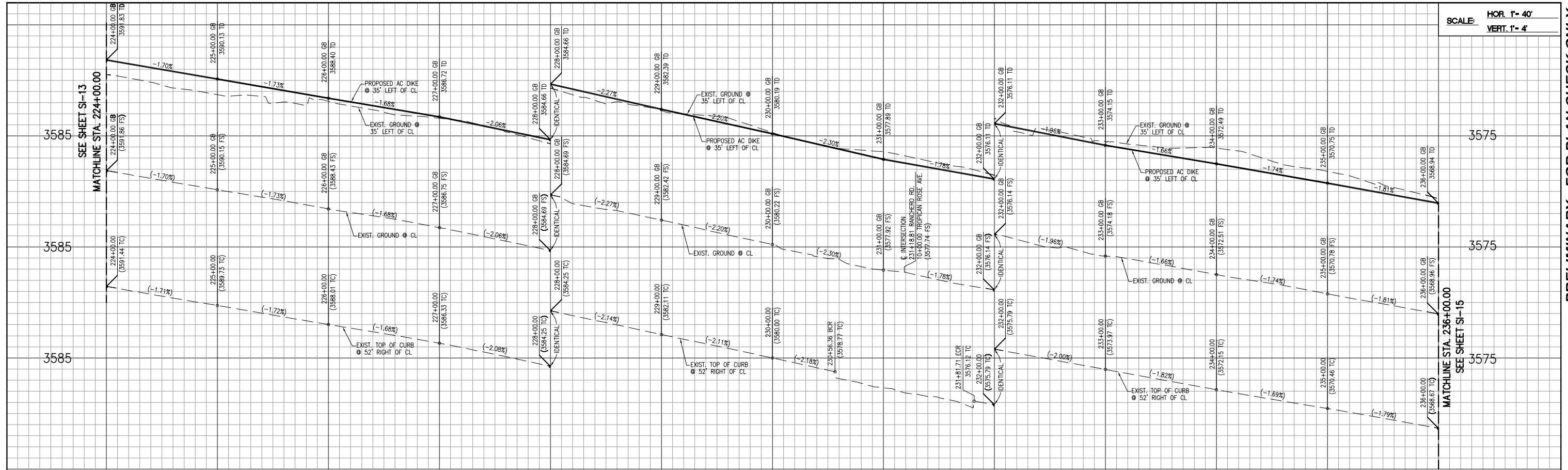
RECOMMENDED FOR APPROVAL BY: _____ DATE: _____
APPROVED BY: JOHN R. LEVILLÉE
R.C.E. 61904 EXP. DATE 9/30/13
CITY ENGINEER

**CITY OF HESPERIA
RANCHERO ROAD
CORRIDOR WIDENING PLANS**
PLAN AND PROFILE
212+00.00 TO 224+00.00

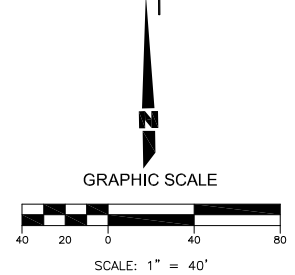
JOB No.
C.O. 7094
SHEET
X
OF
XX
SI-13

PRELIMINARY - FOR PLAN CHECK ONLY

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



- DISPOSITION NOTES:**
- A TO BE RELOCATED BY OTHERS
 - B PROTECT-IN-PLACE
- LEGEND:**
- [Symbol] INDICATES PROPOSED A.C. PAVEMENT
 - [Symbol] INDICATES REMOVE EXISTING A.C. PAVEMENT
 - [Symbol] INDICATES OVERLAY EXISTING A.C. PAVEMENT



REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
 LOCATION:
 SW CORNER OF THE INTERSECTION OF
 RANCHERO RD. & FUENTE AVE.; 28.2'
 EAST OF EXISTING FIRE HYDRANT.
 DESCRIPTION:
 3" BRASS CAP
 ELEVATION = 3640.317

DESIGNED BY: LT
 DRAWN BY: LT
 CHECKED BY: AC
 SUBMITTED BY:
 SOON A. CHEAH RCE No. 52143 DATE:



PLANS PREPARED BY:
PARSONS
 3200 EAST GUASTI ROAD, SUITE 200
 ONTARIO, CA 91761
 PHONE: (909) 218-3600 FAX: (909) 218-3605

**CITY OF HESPERIA
 ENGINEERING DEPARTMENT**

RECOMMENDED FOR APPROVAL BY: _____ DATE: _____
 AUTHORIZED SIGNATURE

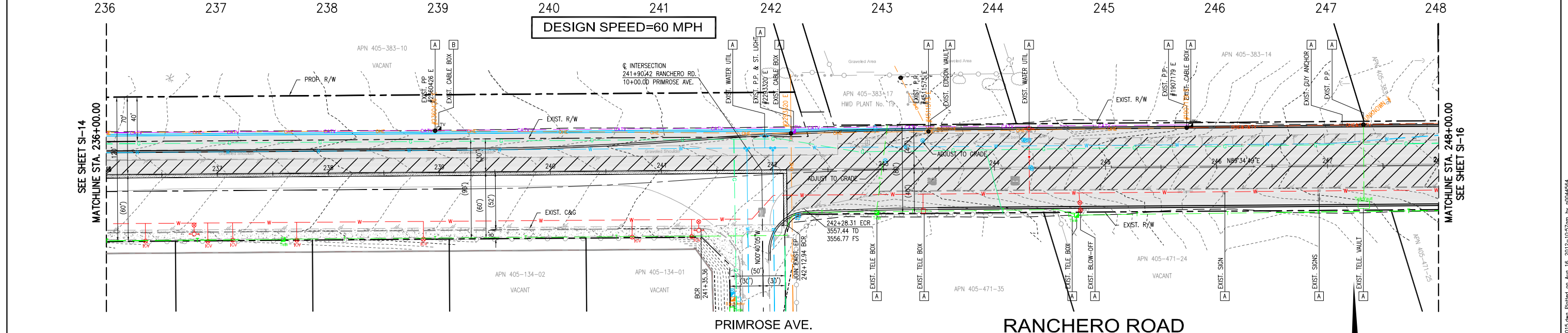
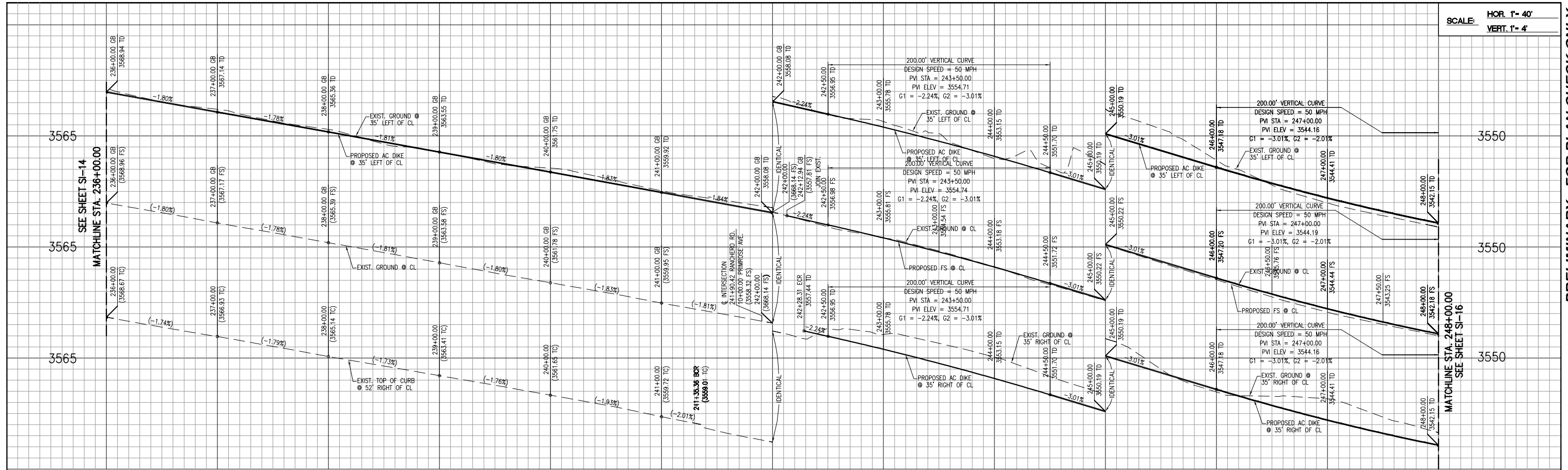
APPROVED BY: JOHN R. LEVEILLEE
 R.C.E. 61904 EXP. DATE 9/30/13
 CITY ENGINEER

**CITY OF HESPERIA
 RANCHERO ROAD
 CORRIDOR WIDENING PLANS**
 224+00.00 TO 236+00.00

DRAFT

JOB No. C.O. 7094
 SHEET OF
 SI-14 XX

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



DISPOSITION NOTES:

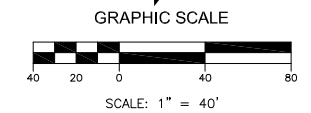
- A TO BE RELOCATED BY OTHERS
- B PROTECT-IN-PLACE

LEGEND:

- [Hatched Box] INDICATES PROPOSED A.C. PAVEMENT
- [Cross-hatched Box] INDICATES REMOVE EXISTING A.C. PAVEMENT
- [Dotted Box] INDICATES GRIND & OVERLAY EXISTING A.C. PAVEMENT



Know what's below.
Call before you dig.



REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
LOCATION:
SW CORNER OF THE INTERSECTION OF
RANCHERO RD. & FUENTE AVE.; 28.2'
EAST OF EXISTING FIRE HYDRANT.
DESCRIPTION:
3" BRASS CAP
ELEVATION = 3640.317

DESIGNED BY: LT
DRAWN BY: LT
CHECKED BY: AC
SUBMITTED BY:
SOON A. CHEAH RCE No. 52143 DATE:



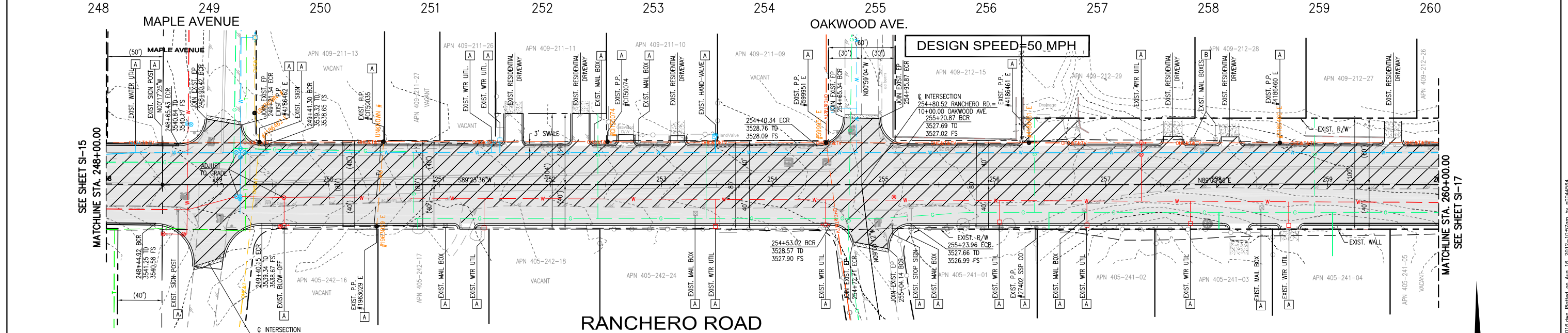
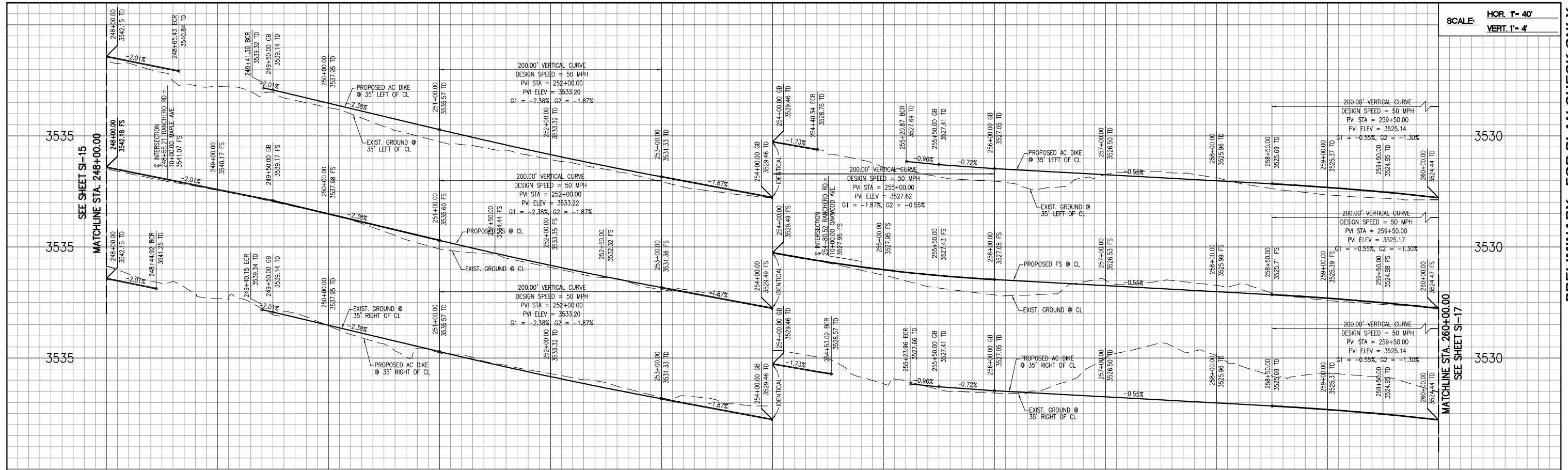
PLANS PREPARED BY:
PARSONS
3200 EAST GUASTI ROAD, SUITE 200
ONTARIO, CA 91761
PHONE: (909) 218-3600 FAX: (909) 218-3605

CITY OF HESPERIA
ENGINEERING DEPARTMENT
RECOMMENDED FOR APPROVAL BY: _____ DATE: _____
APPROVED BY: JOHN R. LEVILLÉE
R.C.E. # 61904 EXP. DATE 9/30/13
CITY ENGINEER

CITY OF HESPERIA
RANCHERO ROAD
CORRIDOR WIDENING PLANS
PLAN AND PROFILE
236+00.00 TO 248+00.00

DRAFT
JOB No. C.O. 7094
SHEET X OF XX
SI-15

SCALE: HOR. 1" = 40'
VERT. 1" = 4'

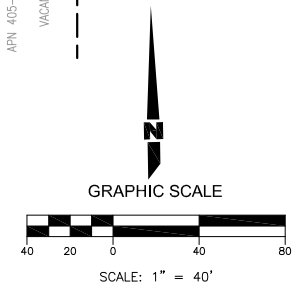


DISPOSITION NOTES:

- A TO BE RELOCATED BY OTHERS
- B PROTECT-IN-PLACE

LEGEND:

- [Symbol] INDICATES PROPOSED A.C. PAVEMENT
- [Symbol] INDICATES REMOVE EXISTING A.C. PAVEMENT
- [Symbol] INDICATES OVERLAY EXISTING A.C. PAVEMENT



REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
 LOCATION:
 SW CORNER OF THE INTERSECTION OF
 RANCHERO RD. & FUENTE AVE.; 28.2'
 EAST OF EXISTING FIRE HYDRANT.
 DESCRIPTION:
 3" BRASS CAP
 ELEVATION = 3640.317

DESIGNED BY: _____ LT _____
 DRAWN BY: _____ LT _____
 CHECKED BY: _____ AC _____
 SUBMITTED BY: _____
 SOON A. CHEAH RCE No. 52143 DATE: _____



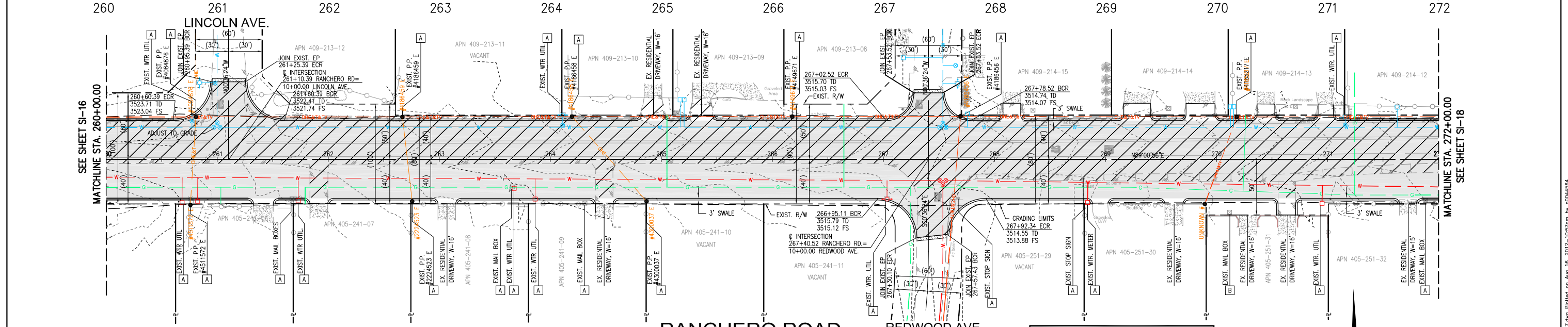
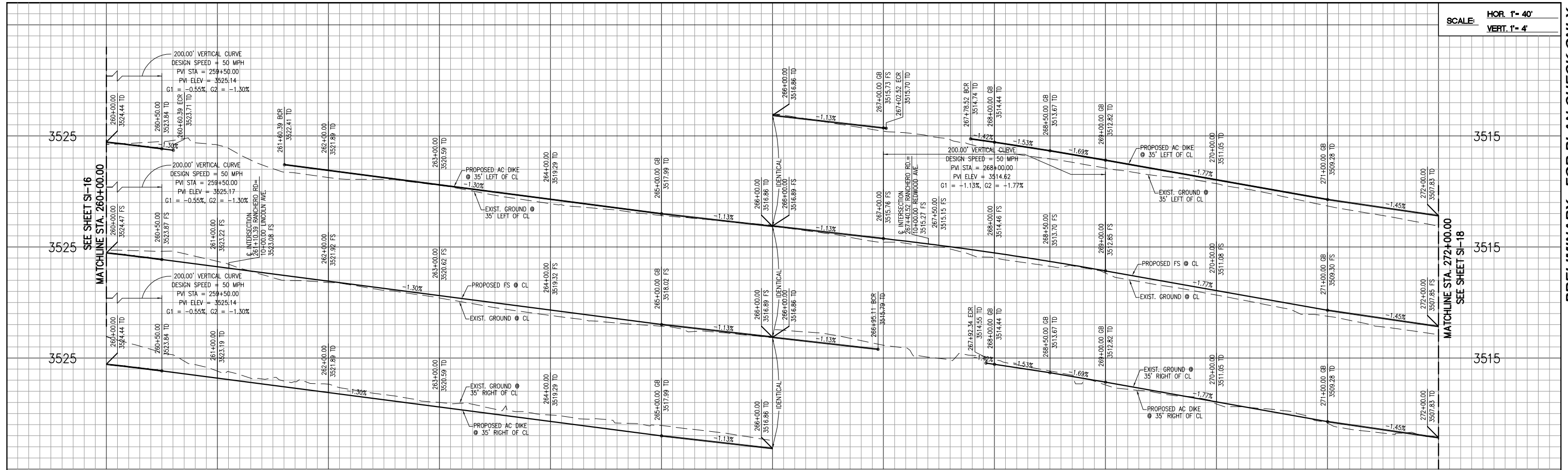
PLANS PREPARED BY:
PARSONS
 3200 EAST GUASTI ROAD, SUITE 200
 ONTARIO, CA 91761
 PHONE: (909) 218-3600 FAX: (909) 218-3605

**CITY OF HESPERIA
 ENGINEERING DEPARTMENT**
 RECOMMENDED FOR APPROVAL BY: _____ DATE: _____
 AUTHORIZED SIGNATURE
 APPROVED BY: JOHN R. LEVILLÉE
 R.C.E. # 61904 EXP. DATE 9/30/13
 CITY ENGINEER

**CITY OF HESPERIA
 RANCHERO ROAD
 CORRIDOR WIDENING PLANS**
 PLAN AND PROFILE
 248+00.00 TO 260+00.00

JOB No.
 C.O. 7094
 SHEET
 X
 OF
 XX
SI-16

SCALE: HOR. 1" = 40'
VERT. 1" = 4'

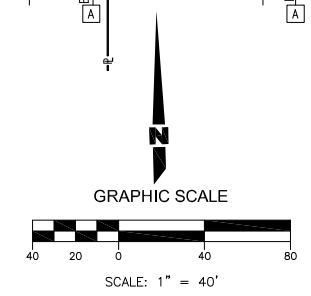


DISPOSITION NOTES:

- A TO BE RELOCATED BY OTHERS
- B PROTECT-IN-PLACE

LEGEND:

- [Symbol] INDICATES PROPOSED A.C. PAVEMENT
- [Symbol] INDICATES REMOVE EXISTING A.C. PAVEMENT
- [Symbol] INDICATES OVERLAY EXISTING A.C. PAVEMENT



REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
 LOCATION:
 SW CORNER OF THE INTERSECTION OF RANCHERO RD. & FUENTE AVE.; 28.2' EAST OF EXISTING FIRE HYDRANT.
 DESCRIPTION:
 3" BRASS CAP
 ELEVATION = 3640.317

DESIGNED BY: LT
 DRAWN BY: LT
 CHECKED BY: AC
 SUBMITTED BY:
 SOON A. CHEAH RCE No. 52143 DATE:



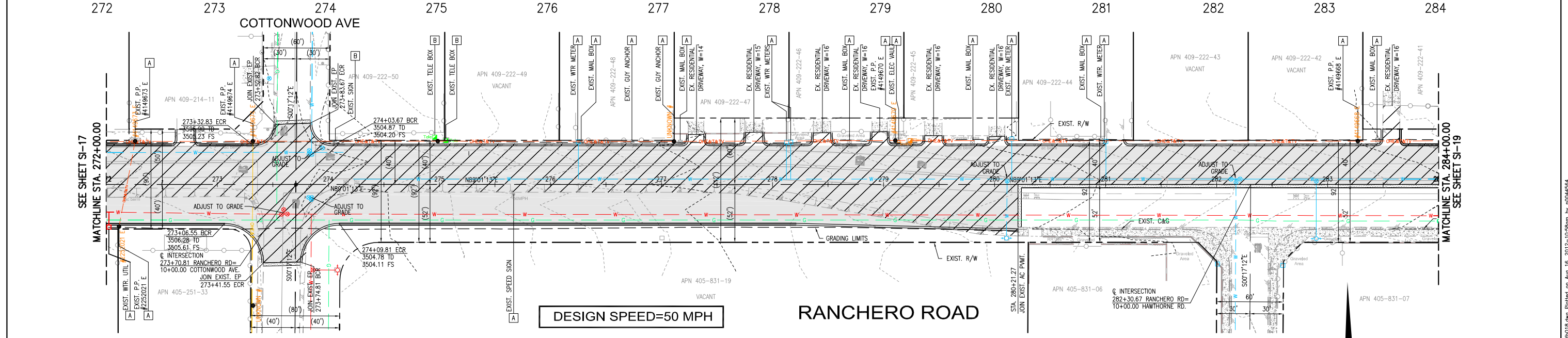
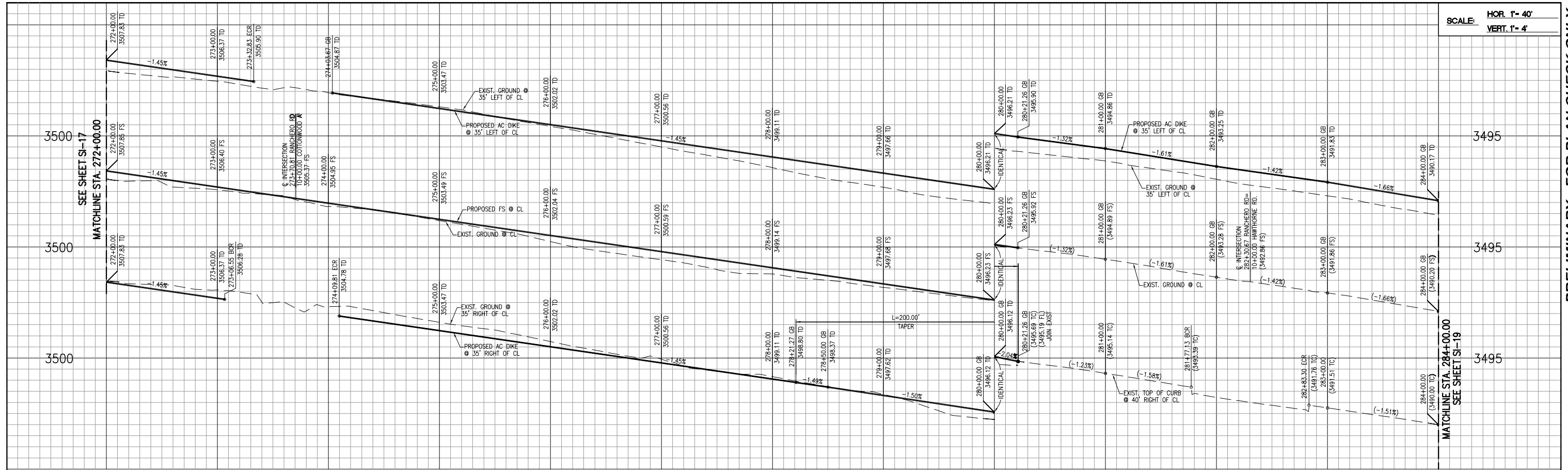
PLANS PREPARED BY:
PARSONS
 3200 EAST GUASTI ROAD, SUITE 200
 ONTARIO, CA 91761
 PHONE: (909) 218-3600 FAX: (909) 218-3605

CITY OF HESPERIA ENGINEERING DEPARTMENT
 RECOMMENDED FOR APPROVAL BY: _____ DATE _____
 AUTHORIZED SIGNATURE
 APPROVED BY: JOHN R. LEVILLÉE
 R.C.E. 61904 EXP. DATE 9/30/13
 CITY ENGINEER

CITY OF HESPERIA RANCHERO ROAD CORRIDOR WIDENING PLANS
 PLAN AND PROFILE
 260+00.00 TO 272+00.00

DRAFT
 JOB No. C.O. 7094
 SHEET X OF XX
SI-17

SCALE: HOR. 1" = 40'
VERT. 1" = 4'

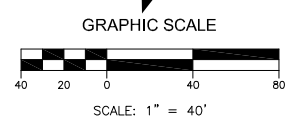


DISPOSITION NOTES:

- A TO BE RELOCATED BY OTHERS
- B PROTECT-IN-PLACE

LEGEND:

- INDICATES PROPOSED A.C. PAVEMENT
- INDICATES REMOVE EXISTING A.C. PAVEMENT
- INDICATES GRIND & OVERLAY EXISTING A.C. PAVEMENT



REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
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DESIGNED BY: LT
 DRAWN BY: LT
 CHECKED BY: AC
 SUBMITTED BY:
 SOON A. CHEAH RCE No. 52143 DATE:



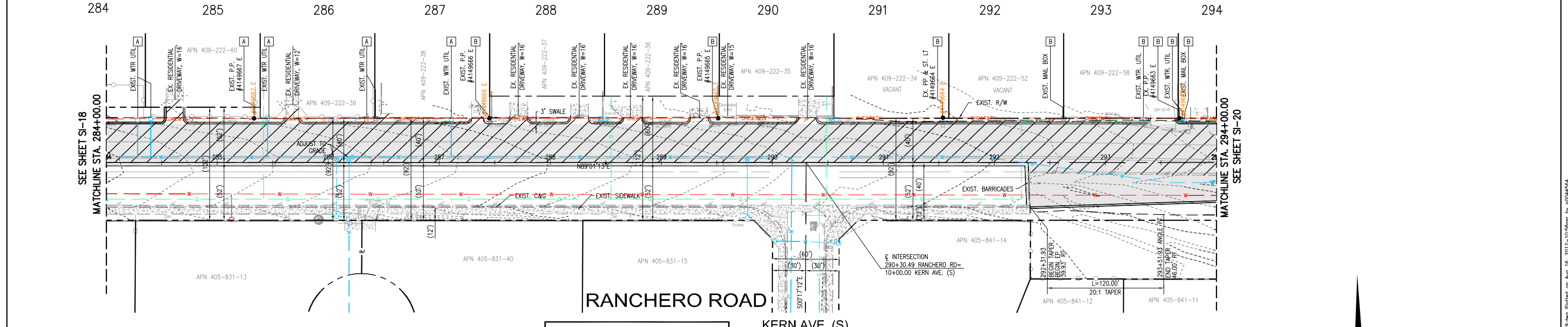
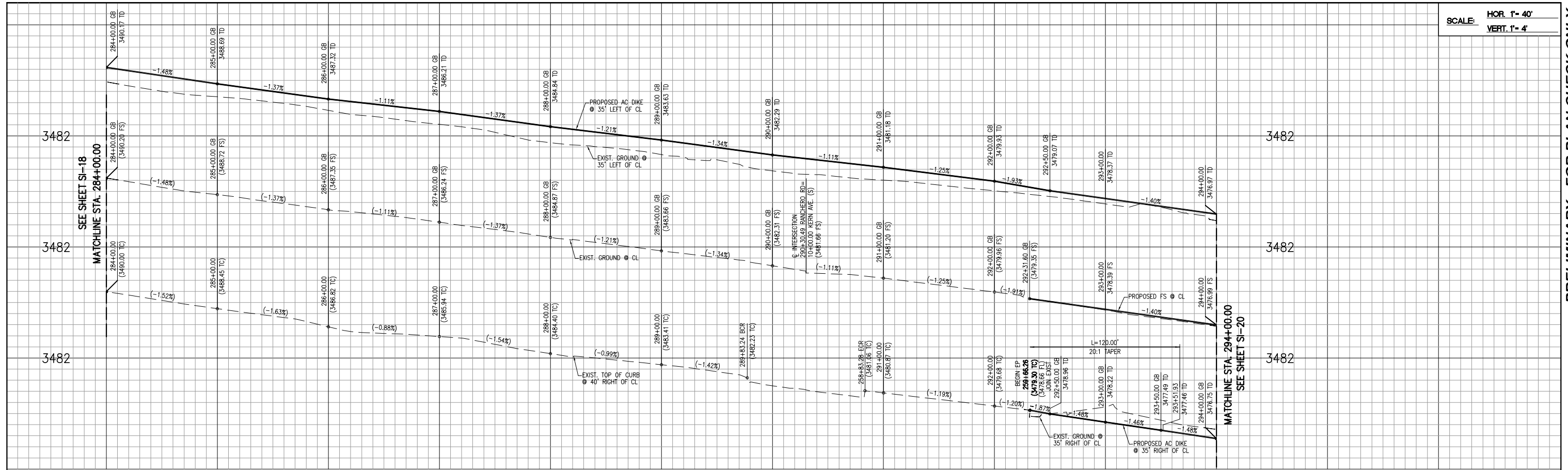
PLANS PREPARED BY:
PARSONS
 3200 EAST GUASTI ROAD, SUITE 200
 ONTARIO, CA 91761
 PHONE: (909) 218-3600 FAX: (909) 218-3605

CITY OF HESPERIA
ENGINEERING DEPARTMENT
 RECOMMENDED FOR APPROVAL BY: _____ DATE: _____
 AUTHORIZED SIGNATURE
 APPROVED BY: JOHN R. LEVILLÉE
 R.C.E. # 61904 EXP. DATE 9/30/13
 CITY ENGINEER

CITY OF HESPERIA
RANCHERO ROAD
CORRIDOR WIDENING PLANS
 PLAN AND PROFILE
 272+00.00 TO 284+00.00

DRAFT
 JOB No. C.O. 7094
 SHEET X OF XX
 SI-18

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



DISPOSITION NOTES:

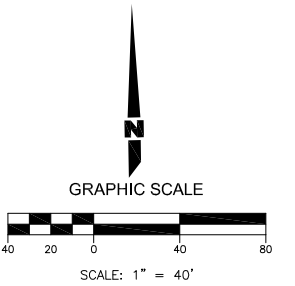
A TO BE RELOCATED BY OTHERS
B PROTECT-IN-PLACE

LEGEND:

INDICATES PROPOSED A.C. PAVEMENT
INDICATES REMOVE EXISTING A.C. PAVEMENT
INDICATES GRIND AND OVERLAY EXISTING A.C. PAVEMENT



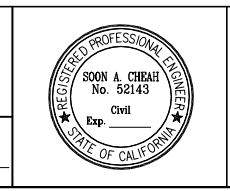
DESIGN SPEED=60 MPH



REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
LOCATION:
SW CORNER OF THE INTERSECTION OF RANCHERO RD. & FUENTE AVE.; 28.2' EAST OF EXISTING FIRE HYDRANT.
DESCRIPTION:
3" BRASS CAP
ELEVATION = 3640.317

DESIGNED BY: LT
DRAWN BY: LT
CHECKED BY: AC
SUBMITTED BY:
SOON A. CHEAH RCE No. 52143 DATE:



PLANS PREPARED BY:
PARSONS
3200 EAST GUASTI ROAD, SUITE 200
ONTARIO, CA 91761
PHONE: (909) 218-3600 FAX: (909) 218-3605

CITY OF HESPERIA ENGINEERING DEPARTMENT

RECOMMENDED FOR APPROVAL BY: _____ DATE: _____
APPROVED BY: JOHN R. LEVILLÉE
R.C.E. 61904 EXP. DATE 9/30/13
CITY ENGINEER

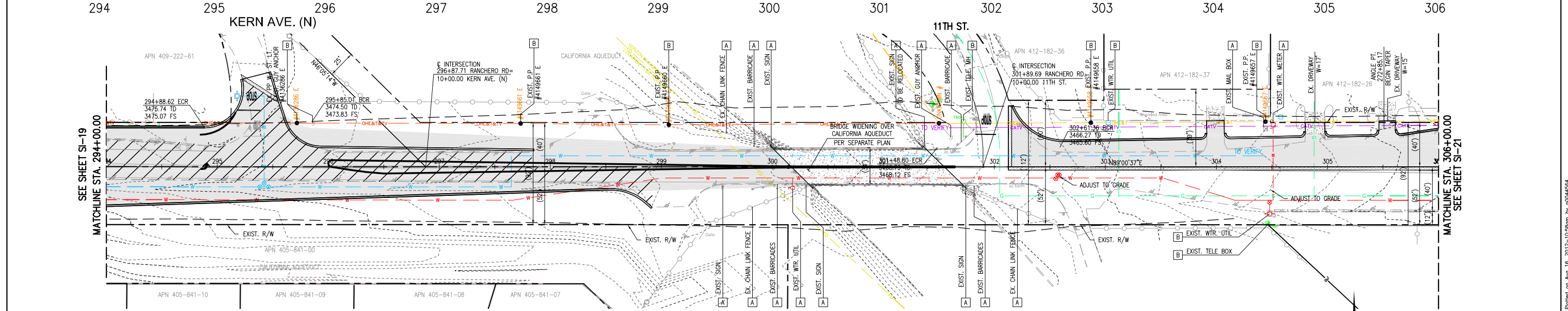
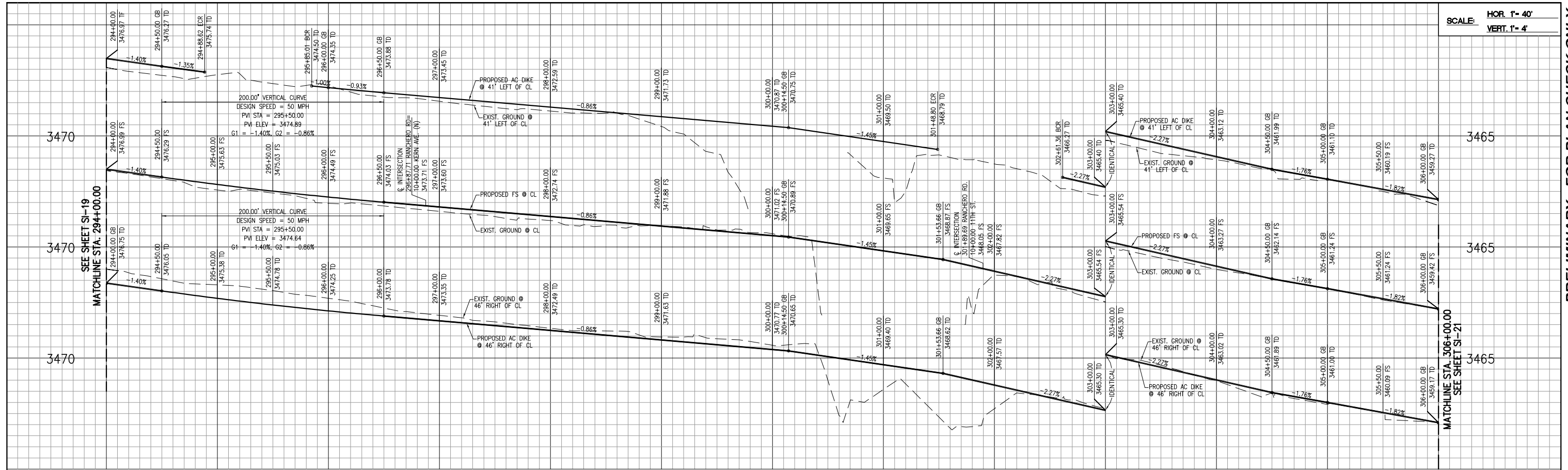
CITY OF HESPERIA RANCHERO ROAD CORRIDOR WIDENING PLANS

PLAN AND PROFILE
284+00.00 TO 294+00.00

DRAFT

JOB No. C.O. 7094
SHEET X OF XX
SI-19

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



RANCHERO ROAD DESIGN SPEED=60 MPH

DISPOSITION NOTES:

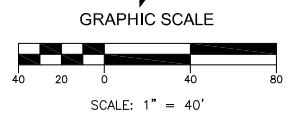
- A TO BE RELOCATED BY OTHERS
- B PROTECT-IN-PLACE

LEGEND:

- INDICATES PROPOSED A.C. PAVEMENT
- INDICATES REMOVE EXISTING A.C. PAVEMENT
- INDICATES OVERLAY EXISTING A.C. PAVEMENT



Know what's below.
Call before you dig.



DRAFT

REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
LOCATION:
SW CORNER OF THE INTERSECTION OF RANCHERO RD. & FUENTE AVE.; 28.2' EAST OF EXISTING FIRE HYDRANT.
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ELEVATION = 3640.317

DESIGNED BY: LT
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CHECKED BY: AC
SUBMITTED BY:
SOON A. CHEAH RCE No. 52143 DATE:



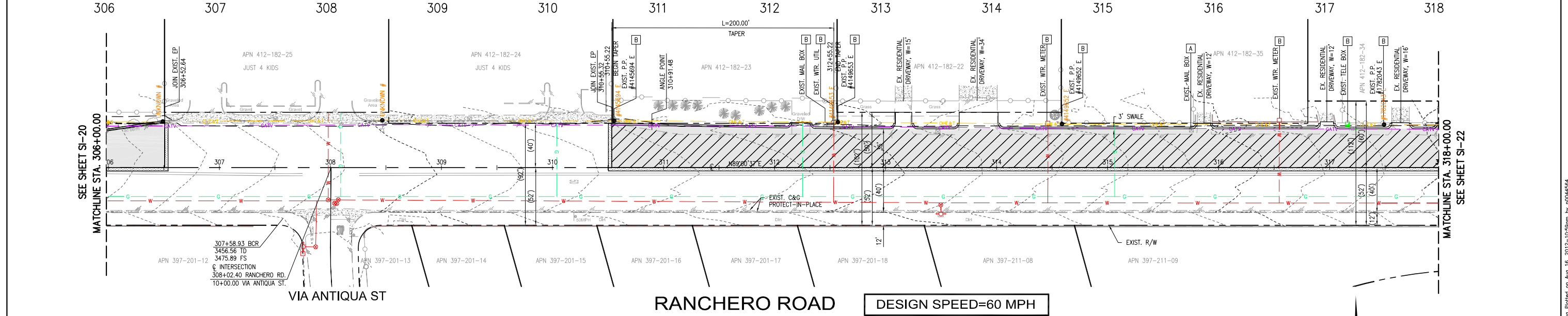
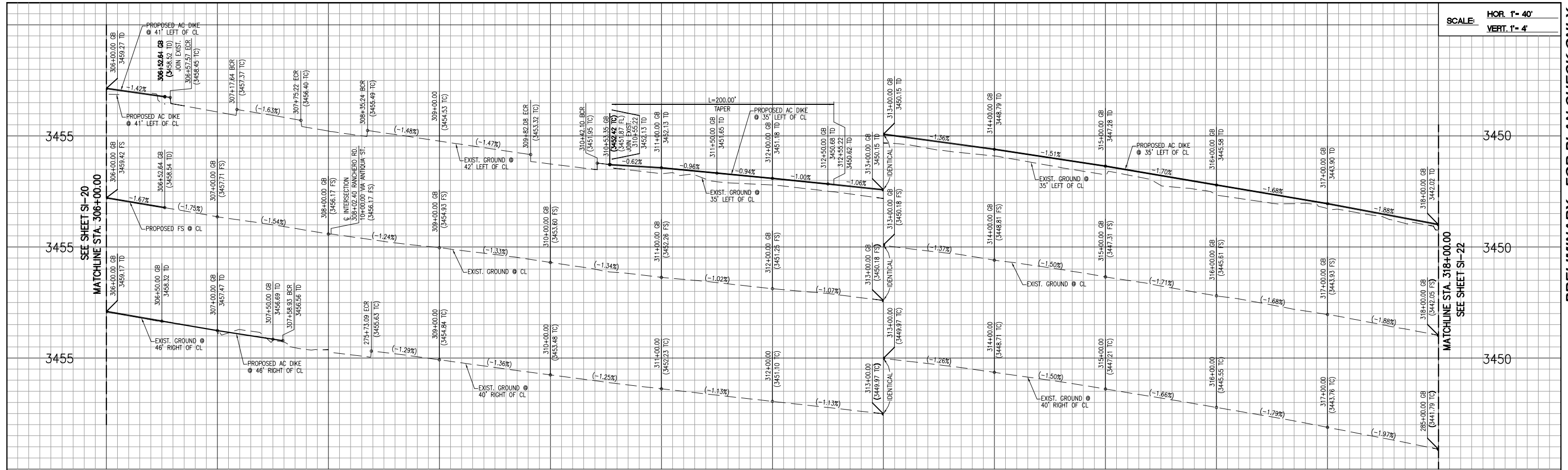
PLANS PREPARED BY:
PARSONS
3200 EAST GUASTI ROAD, SUITE 200
ONTARIO, CA 91761
PHONE: (909) 218-3600 FAX: (909) 218-3605

CITY OF HESPERIA ENGINEERING DEPARTMENT
RECOMMENDED FOR APPROVAL BY: _____ DATE: _____
APPROVED BY: JOHN R. LEVILLÉE
R.C.E. 61904 EXP. DATE 9/30/13
CITY ENGINEER

CITY OF HESPERIA RANCHERO ROAD CORRIDOR WIDENING PLANS
PLAN AND PROFILE
294+00.00 TO 306+00.00

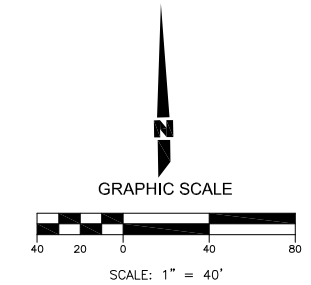
JOB No. C.O. 7094
SHEET X OF XX
SI-20

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



DISPOSITION NOTES:
 [A] TO BE RELOCATED BY OTHERS
 [B] PROTECT-IN-PLACE

LEGEND:
 [Hatched Box] INDICATES PROPOSED A.C. PAVEMENT
 [Dotted Box] INDICATES REMOVE EXISTING A.C. PAVEMENT
 [Stippled Box] INDICATES GRIND & OVERLAY EXISTING A.C. PAVEMENT



REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
 LOCATION:
 SW CORNER OF THE INTERSECTION OF RANCHERO RD. & FUENTE AVE.; 28.2' EAST OF EXISTING FIRE HYDRANT.
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DESIGNED BY: LT
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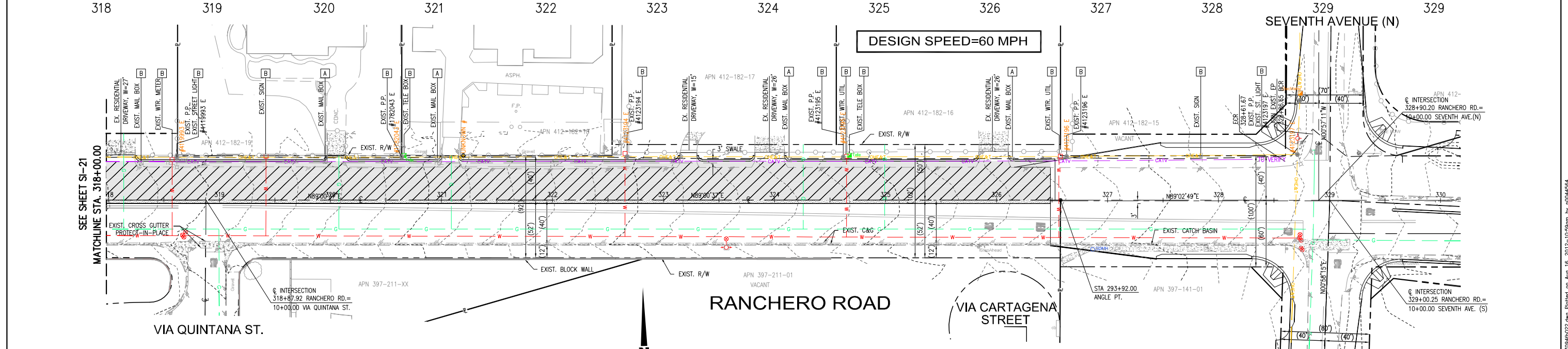
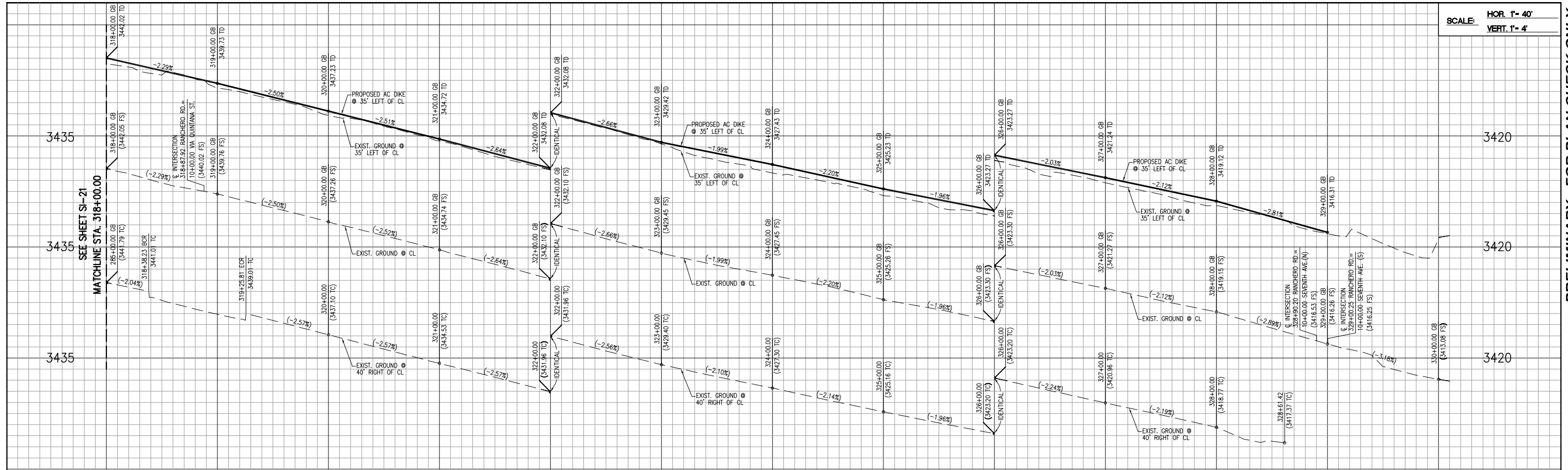
PLANS PREPARED BY:
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 ONTARIO, CA 91761
 PHONE: (909) 218-3600 FAX: (909) 218-3605

CITY OF HESPERIA ENGINEERING DEPARTMENT
 RECOMMENDED FOR APPROVAL BY: _____ DATE: _____
 AUTHORIZED SIGNATURE
 APPROVED BY: JOHN R. LEVEILLEE
 R.C.E. # 61904 EXP. DATE 9/30/13
 CITY ENGINEER

CITY OF HESPERIA RANCHERO ROAD CORRIDOR WIDENING PLANS
 PLAN AND PROFILE
 306+00.00 TO 318+00.00

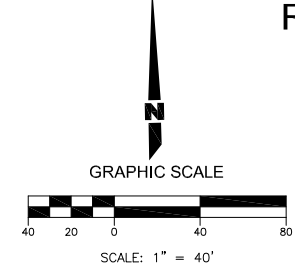
DRAFT
 JOB No. C.O. 7094
 SHEET X OF XX
 SI-21

SCALE: HOR. 1" = 40'
VERT. 1" = 4'



DISPOSITION NOTES:
 [A] TO BE RELOCATED BY OTHERS
 [B] PROTECT-IN-PLACE

LEGEND:
 [Hatched] INDICATES PROPOSED A.C. PAVEMENT
 [Dotted] INDICATES REMOVE EXISTING A.C. PAVEMENT
 [Cross-hatched] INDICATES OVERLAY EXISTING A.C. PAVEMENT



REV.	DESCRIPTION	DATE	BY

BENCHMARK: CITY OF HESPERIA H-21
 LOCATION:
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PLANS PREPARED BY:
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 ONTARIO, CA 91761
 PHONE: (909) 218-3600 FAX: (909) 218-3605

CITY OF HESPERIA ENGINEERING DEPARTMENT

RECOMMENDED FOR APPROVAL BY: _____ DATE: _____
 AUTHORIZED SIGNATURE

APPROVED BY: JOHN R. LEVILLÉE
 R.C.E. 61904 EXP. DATE 9/30/13
 CITY ENGINEER

CITY OF HESPERIA RANCHERO ROAD CORRIDOR WIDENING PLANS
 PLAN AND PROFILE
 318+00.00 TO SEVENTH AVENUE

DRAFT

JOB No. C.O. 7094
 SHEET X OF XX
 SI-22

Appendix H Mitigation Monitoring Reporting Program

Appendix H Mitigation Monitoring Reporting Program

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
ACQUISITIONS						
ACQ-1	Provisions of the Uniform Relocation Assistance and Real Property Act will be followed to provide compensation for partial acquisitions.	City of Hesperia/ County of San Bernardino	Design		Uniform Relocation and Assistance & Real Property Act/EIR	
AESTHETICS						
VIS-1	Design the project to be consistent with the City's visual enhancement goals.	City of Hesperia	Design		EIR	
VIS-2	Consistent with the City's 2010 General Plan policy (CN-1.1), use drought-resistant landscaping to minimize the contrast between the project and surrounding areas. Plan landscaping to complement existing natural and man-made features, including the dominant landscaping of surrounding areas.	City of Hesperia	Design		EIR	
VIS-3	Incorporate design measures to reduce potential glare and night-lighting impacts during facility construction. Where appropriate, this should include provisions for shielding, specifying light intensity (e.g., number of lights, lumens, and wavelengths) in accordance with the City's lighting ordinance.	City of Hesperia	Design		EIR	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
AGRICULTURE						
AG-1	Project construction Best Management Practices (BMPs) would be employed to minimize dust and noise, and to manage stormwater runoff.	Contractor/ City of Hesperia	Construction		EIR	
AG-2	Construction staging would not occur on agricultural land, and adjacent agricultural parcels would not be otherwise significantly impacted during project construction.	Contractor/ City of Hesperia	Construction		EIR	
AIR QUALITY						
AQ-1	Periodic watering for short-term stabilization of disturbed surface areas to minimize visible fugitive dust emissions (for purposes of this Rule, use of a water truck to maintain most disturbed surfaces and actively spread water during visible dusting episodes shall be considered sufficient to maintain compliance).	Contractor/ City of Hesperia	Construction		Rule 403.2 of the MDAQMD	
AQ-2	Take actions sufficient to prevent project-related track-out onto paved surfaces.	Contractor/ City of Hesperia	Construction		Rule 403.2 of the MDAQMD	
AQ-3	Cover loaded haul vehicles while operating on publicly maintained paved surfaces.	Contractor/ City of Hesperia	Construction		Rule 403.2 of the MDAQMD	
AQ-4	Stabilize graded site surfaces upon completion of grading when subsequent development is delayed or expected to be delayed more than 30 days, except when such a delay	Contractor/ City of Hesperia	Construction		Rule 403.2 of the MDAQMD	

Appendix H Mitigation Monitoring Reporting Program

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
	is due to precipitation that dampens the disturbed surface sufficiently to eliminate visible fugitive dust emissions.					
AQ-5	Reduce nonessential earth-moving activity under high wind conditions (for purposes of this Rule, a reduction in earth-moving activity when visible dusting occurs from moist and dry surfaces due to wind erosion shall be considered sufficient to maintain compliance).	Contractor/ City of Hesperia	Construction		Rule 403.2 of the MDAQMD	
AQ-6	The Contractor shall water exposed surfaces at least twice per day; activities will be scheduled to allow for early paving of road surfaces; reduced travel speeds (15 miles per hour [mph]) on unpaved surfaces shall be enforced; simultaneous disturbance areas will be limited to the smallest area as practical; and all stockpiles will be covered with tarps.	Contractor/ City of Hesperia	Construction		Rule 403.2 of the MDAQMD	
AQ-7	Measures contained in MDAQMD Rule 403 would be followed, as applicable, during project construction. The City would be responsible for selecting appropriate applicable Rule 403 measures to be followed during project construction and for overseeing compliance with the measures by the construction contractors. The construction contractors would be required to obtain construction permits from the	City of Hesperia	Design / Construction		Rule 403 of the MDAQMD	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
	City, and the permits would state the required Rule 403 measures that must be followed by the contractors.					
BIOLOGICAL RESOURCES						
BIO-1	Necessary permits from USACE, CDFW, and RWQCB will be obtained prior to construction within jurisdictional areas. Potential impacts to listed species will be mitigated through conservation of core populations in conservation areas.	City of Hesperia/ County of San Bernardino	Design		Section 404 USACE, 401 RWQCB and CDFW 1602	
BIO-2	<p>The following measures will be incorporated into a Stormwater Pollution Prevention Plan (SWPPP) to be prepared for the proposed project in accordance with the General Construction Stormwater Permit:</p> <ul style="list-style-type: none"> • Areas proposed to be used for equipment access (e.g., temporary construction roads) within streambed habitats, will be protected from soil compaction and erosion to the extent feasible through the use of BMPs such as geomats or rubber-tired equipment. • To eliminate the release of pollutants within sensitive habitats, the project will locate staging areas outside of streambeds and other jurisdictional features. • Equipment used in and around 	Contractor/ City of Hesperia	Preconstruction/ Construction		CWA 404, 401 NPDES 1602 SAA	

Appendix H Mitigation Monitoring Reporting Program

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
	<p>waters of the U.S. should be in good working order and free of dripping or leaking engine fluids.</p> <ul style="list-style-type: none"> • All vehicle maintenance, staging, and materials storage will occur at least 300 feet (ft) from all waters of the U.S. • Any necessary equipment washing will occur where the water cannot flow into the stream channel. 					
BIO-3	<p>Orange construction fencing and/or brightly colored staking will be used where recommended by the biologist and to delineate environmentally sensitive areas.</p>	Contractor/ City of Hesperia	Preconstruction		EIR; NPDES 1602 SAA	
BIO-4	<p>A biological monitor will be present during work in the vicinity of environmentally sensitive areas to ensure that direct or indirect impacts to these areas are avoided during construction.</p>	Contractor/ City of Hesperia	Construction		CDFW; EIR	
BIO-5	<p>Construction activities, such as clearing and grubbing, will occur outside the bird breeding season (approximately September to February) to minimize impacts to nesting birds. If construction is required to occur during the bird nesting season (March 1 to August 31), then a preclearance nesting bird survey will be conducted by a qualified biologist, and buffer zones around active nests will be established as appropriate. If the</p>	City of Hesperia	Preconstruction/ Construction		CDFW; EIR	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
	preconstruction survey identifies occupation of nesting birds within the project area, then a 250-foot buffer around the nest shall be maintained until a qualified biologist has determined that the nest is no longer occupied.					
BIO-6	A preconstruction survey for burrowing owl shall be conducted by a qualified biologist no more than thirty (30) days prior to ground-disturbing activities to determine the presence or absence of burrowing owls on the site. If there are resident owls found during the preconstruction survey, then the City of Hesperia will develop a Burrowing Owl Mitigation and Monitoring Plan (BOMMP) and work with CDFW to determine and implement measures to minimize impacts.	City of Hesperia	Preconstruction/ Construction		CDFW; EIR	
BIO-7	To the extent feasible, impacted desert trees (i.e. Joshua trees) or plants more than 6 ft in height or with stems more than 2 inches in diameter would be transplanted or stockpiled for future transplanting within the area directly impacted by project construction and site clearance.	City of Hesperia	During/After Construction		CDFW; EIR	

Appendix H Mitigation Monitoring Reporting Program

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
BIO-8	Provide replacement landscaping or vegetation to disturbed areas consistent with the natural surroundings, and in accordance with City Code Section 16.24.150 and County Codes 88.01.050 (Tree or Plant Removal Permits) and 88.01.060 (Desert Native Plant Protection).	City of Hesperia	During/After Construction		EIR	
CULTURAL RESOURCES						
CR-1	If any archaeological materials are encountered during ground-disturbing construction activities, all activities must be suspended in the vicinity of the find until the deposits or features are recorded and evaluated by a qualified archaeologist. If determined eligible for the California Register of Historical Resources (CRHR) by the City (based on the evaluation by the archaeologist), ground-disturbing construction activities cannot recommence until mitigation measures have been implemented.	Contractor/ City of Hesperia	Construction		CEQA Guidelines Section 15064.5	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
CR-2	<p>If human remains of any kind are found during construction, the requirements of Section 7050.5 of the California Health and Safety Code, Section 5097.98 of the California Public Resources Code (PRC), and Assembly Bill (AB) 2641 shall be followed. According to these requirements, all construction activities must cease immediately, and the San Bernardino County Coroner and a qualified archaeologist must be notified. The Coroner will examine the remains and determine the next appropriate action based on his/her findings. If the Coroner determines the remains to be of Native American origin, he/she will notify the Native American Heritage Commission (NAHC). The NAHC will then identify the most likely descendants (MLD) to be consulted regarding treatment and/or reburial of the remains. If an MLD cannot be identified, or the MLD fails to make a recommendation regarding the treatment of the remains within 48 hours after gaining access to the remains, the project proponent shall rebury the Native American human remains and associated grave goods with appropriate dignity on the property in a location not subject to further subsurface disturbance.</p>	Contractor/ City of Hesperia	Construction		Public Resources Code Section 5097.94, 5097.98 and 5097.99	

Appendix H Mitigation Monitoring Reporting Program

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
PALEONTOLOGICAL RESOURCES						
PALEO-1	Prior to the start of any project-related construction, the City shall ensure that a designated paleontological resource specialist is available for field activities and prepared to implement the mitigation monitoring and reporting plan (MMRP) conditions. The designated paleontological resource specialist will be responsible for implementing all paleontological mitigation and for using qualified personnel to assist in this work.	City of Hesperia	Preconstruction		EIR	
PALEO-2	Prior to the start of construction, a Paleontological Resource Monitoring and Mitigation Plan drafted by the designated paleontological resource specialist will be submitted to the City for approval. The plan will identify general and specific measures to minimize potential impacts to sensitive paleontological resources. The project paleontological resource specialist will implement the Paleontological Resource Monitoring and Mitigation Plan as needed. The Paleontological Resource Monitoring and Mitigation Plan will include, but not be limited to, the following components: <ul style="list-style-type: none"> • A discussion of the sequence of project-related tasks, such as any preconstruction surveys, fieldwork, flagging or staking, 	City of Hesperia	Preconstruction		EIR	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
	<p>construction monitoring, mapping and data recovery, fossil preparation and recovery, identification and inventory, preparation of final report, and transmittal for curation.</p> <ul style="list-style-type: none"> • Identification of the person(s) expected to assist with each of the tasks identified within this condition, and a discussion of the mitigation team leadership and organizational structure, and the interrelationship of tasks and responsibilities. • Where monitoring of project construction activities is deemed necessary, the extent of the areas where monitoring is to occur and a schedule for the monitoring. • An explanation that the designated paleontological resource specialist shall have the authority to halt or redirect construction in the immediate vicinity of a vertebrate fossil find until the significance of the find can be determined. • A discussion of the equipment and supplies necessary for the recovery of fossil materials and any specialized equipment needed to prepare, remove, load, transport, and analyze large-sized fossils or extensive fossil 					

Appendix H Mitigation Monitoring Reporting Program

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
	<p>deposits.</p> <ul style="list-style-type: none"> • Inventory, preparation, and delivery for curation into a retrievable storage collection in a public repository or museum that meets the Society for Vertebrate Paleontology standards and requirements for the curation of paleontological resources; • Identification of the institution (expected to be the San Bernardino County Museum) that has agreed to receive any data and fossil materials recovered during project-related monitoring and mitigation work, discussion of any requirements of specifications for materials delivered for curation and how they will be met, and the name and phone number of the contact person at the institution. 					
PALEO-3	<p>Prior to the start of construction, the designated paleontological resource specialist will prepare a staff training program for review and approval by the City and County. The paleontological resource specialist will conduct a training session for the project owner, project managers, construction supervisors, equipment operators, and all new employees as appropriate. The training program will address the potential to encounter paleontological resources</p>	City of Hesperia	Preconstruction		EIR	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
	in the field, the sensitivity and importance of these resources, and the legal obligations to preserve and protect such resources.					
PALEO-4	During construction, the designated paleontological resource specialist or paleontological monitor will be present at all times he/she deems appropriate to monitor construction-related grading, excavation, trenching, and/or augering in areas with a high potential for paleontological resources to occur. Paleontological monitoring will include inspection of exposed rock units and microscopic examination of matrix to determine if fossils are present. Upon the advice of the paleontological monitor, the Construction Manager has the authority to temporarily divert excavations or drilling away from exposed fossils to efficiently and professionally recover the fossil specimens and collect associated data.	City of Hesperia	Preconstruction		EIR	
PALEO-5	The City and/or County, through the designated paleontological resource specialist, will ensure recovery, preparation for analysis, analysis, identification and inventory, preparation for curation, and the delivery for curation of all significant paleontological resource materials collected during the monitoring, data recovery, mapping, and mitigation activities related to the project.	City of Hesperia	Preconstruction/ Construction		EIR	

Appendix H Mitigation Monitoring Reporting Program

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
PALEO-6	The City will ensure preparation of a Paleontological Resources Report by the designated paleontological resource specialist following the analysis of the recovered fossil materials and related information. The Paleontological Resources Report will be submitted to the City for approval. The report will include a description and inventory list of recovered fossil materials, a (confidential) map showing the location of paleontological resources found in the field, determinations of sensitivity and significance, and a statement by the paleontological resource specialist that project impacts to paleontological resources have been mitigated.	City of Hesperia	Construction		EIR	
GEOLOGY AND SOILS						
GEO-1	In accordance with the statewide General Permit for Storm Water Discharges Associated with Construction, the project would incorporate all applicable construction site BMPs to minimize potential loss of top-soil and/or soil erosion.	Contractor/ City of Hesperia	Preconstruction/ Construction		EIR	
GEO-2	Implementation of construction BMPs overseen by a State-licensed professional, in compliance with aforementioned County standards, would reduce potential soil erosion impacts to a less than significant level.	Contractor/ City of Hesperia	Preconstruction/ Construction		EIR	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
HAZARDS AND HAZARDOUS WASTE MATERIALS						
HAZ-1	The construction contractor will be required to prepare and implement a Worker Health and Safety Plan to be approved by the City and the California Department of Toxic Substances Control (DTSC) before the onset of construction activities.	Contractor/ City of Hesperia	Preconstruction		EIR	
HAZ-2	Any soils with aerially deposited lead (ADL) contamination shall be managed properly and disposed. During project construction, soil in the project limits may be reused within the right-of-way (ROW). Soil export will be minimized, and excess soil generated during project construction, if any, will be disposed of at a hazardous waste disposal facility.	Contractor/ City of Hesperia	Preconstruction/ Construction		EIR	
HAZ-3	Paint used for lane striping shall be tested for lead-based paint (LBP) prior to demolition/removal to determine proper handling and disposal requirements.	Contractor/ City of Hesperia	Preconstruction/ Construction		EIR	
HAZ-4	Conduct asbestos-containing materials(ACM) and LBP surveys, if appropriate, before demolition of any structures constructed before 1979 to determine the level of risk posed to construction workers and the public and to identify appropriate protection measures.	Contractor/ City of Hesperia	Preconstruction/ Construction		EIR	

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No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
HYDROLOGY/ WATER QUALITY						
HWQ-1	Concentrated flow conveyance systems (e.g., drainage ditches, dikes, berms) will be designed to ensure that flows to drainage channels will not result in increased erosion, sedimentation, or any contaminant conveyance to the extent feasible. Slope/surface protection systems that utilize hard surfaces, such as concrete or equivalent materials, will be designed to minimize erosion to the extent feasible.	City of Hesperia	Design		EIR	
HWQ-2	During construction, waste management BMPs will be implemented. These BMPs consist of procedural and structural BMPs for handling, storing, and disposing of wastes generated by a construction project.	City of Hesperia/ Contractor	Construction		EIR	
HWQ-3	During construction, soil stabilization BMPs will be incorporated. These BMPs consist of preparing the soil surface and applying soil stabilizing media, such as straw mulch, soil binders, and geotextile mats.	City of Hesperia/ Contractor	Construction		EIR	
HWQ-4	During construction, non-stormwater BMPs, such as vehicle and equipment maintenance, will be implemented to limit the potential for pollutants to impact surface waters.	City of Hesperia/ Contractor	Construction		EIR	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
HWQ-5	In an effort to uphold water quality standards, the proposed project will require Section 404, 401, and 1602 permits. Construction will not commence within jurisdictional areas until these permits are issued by the respective resource agencies. The conditions of these permits will be incorporated into the project.	City of Hesperia/ Contractor	Design		Section 404, 401 and 1602	
HWQ-6	A Storm Water Pollution Prevention Plan (SWPPP) shall be prepared by the Contractor and reviewed by the City for approval prior to commencement of any soil-disturbing activities. The SWPPP shall address all State and federal stormwater control requirements and regulations. The SWPPP shall address all construction-related activities, equipment, and materials that have the potential to impact water quality. The SWPPP shall include BMPs to control pollutants, sediment from erosion, stormwater runoff, and other construction-related impacts.	City of Hesperia/ Contractor	Design		EIR	
HWQ-7	The City shall file a Notice of Intent (NOI) with the State Water Resources Control Board (SWRCB) at least thirty (30) days prior to any soil-disturbing activities.	City of Hesperia/ Contractor	Prior to Construction		EIR	

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No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
HWQ-8	All work will conform to National Pollutant Discharge Elimination System (NPDES) requirements as described in NPDES Permit for General Construction Activities (Order No. 2009-0009-DWQ, NPDES No. CAS000002). These include, but are not limited to, temporary sediment control, temporary soil stabilization, scheduling, waste management, materials handling, and other non-stormwater BMPs.	City of Hesperia/ Contractor	Construction		NPDES	
HWQ-9	Construction activities will give special attention to stormwater pollution control during the rainy season, defined as August 1 through October 1, and from November 1 through May 1. No work should be conducted whenever rain is predicted. Water Pollution Control BMPs will be used to minimize impacts to receiving waters. Measures will be incorporated to contain all vehicle loads and avoid any tracking of materials.	City of Hesperia/ Contractor	Construction		EIR	
HWQ-10	As described by the Mojave Watershed Storm Water Management Plan, the Lahontan Regional Water Quality Control Board (RWQCB) requires implementation of soil stabilization and sediment control BMPs to protect the Mojave River and its tributaries during thunder and flash flood storms during the rainy season. Soil stabilization and	City of Hesperia/ Contractor	Construction		RWQCB	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
	sediment controls will be implemented to protect the Mojave River and, if applicable, all equipment will be removed from waterways prior to flash floods.					
HWQ-11	Post-construction maintenance BMPs, including routine maintenance work to keep the project site free of debris, such as litter pickup, toxics control, street sweeping, drainage, and channel cleaning, will be incorporated into the project. Permanent soil stabilization BMPs will be incorporated into project design, such as preservation of existing vegetation, concentrated flow conveyance systems (e.g., drainage ditches, dikes, berms, swales), and slope/surface protection systems that use vegetation. Appropriate BMPs will be selected during final design.	City of Hesperia/ Contractor	Construction		EIR	
HWQ-12	The proposed project would be designed to prevent the flooding of Rancho Road, cross streets, and adjacent lands.	City of Hesperia/ Contractor	Design		EIR	
HWQ-13	The Rancho Road drainage facilities would be designed to accommodate a 10-year return frequency storm per local guidelines.	City of Hesperia/ Contractor	Design		City/ County Guidelines	

Appendix H Mitigation Monitoring Reporting Program

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
HWQ-14	The City shall continue enforcing the City's Municipal Code provisions for flood hazard reduction (Title 8: Safety, Chapter 8.28: Flood Hazard Protection and Regulations). This code, which applies to new construction and existing projects undergoing substantial improvements, provides construction standards that address the major causes of flood damage, and includes provisions for anchoring, placement of utilities, raising floor elevations, using flood-resistant construction materials, and other methods to reduce flood damage.	City of Hesperia	Design/ Construction		Hesperia General Plan Implementation Policy SF 2.1	
NOISE						
NOI-1	Use newer equipment with improved noise muffling and ensure that all equipment items have the manufacturers' recommended noise abatement measures, such as mufflers, engine enclosures, and engine vibration isolators, intact and operational. Newer equipment will generally be quieter in operation than older equipment. All construction equipment should be inspected at periodic intervals to ensure proper maintenance and presence of noise control devices (e.g., mufflers and shrouding).	Contractor	Construction		Federal Transportation Administration/ City of Hesperia Noise Ordinance	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
NOI-2	To the extent feasible, the Contractor will turn off construction idling equipment. The Contractor will strive to keep noise levels from construction equipment relatively uniform and avoid impulsive noises.	Contractor	Construction		Federal Transportation Administration/ City of Hesperia Noise Ordinance	
NOI-3	Between 7:00 p.m. and 10:00 p.m. on all days and between 7:00 a.m. and 7:00 p.m. on Sundays and federal holidays, any construction activities occurring within 700 ft of noise-sensitive areas must be accompanied by noise monitoring to assure compliance with the applicable noise thresholds and must immediately be modified to achieve compliance if necessary or ceased when/if compliance cannot be achieved. Between the hours of 10:00 p.m. and 7:00 a.m., the same provision applies when construction occurs within 1,150 ft of noise-sensitive areas.	Contractor	Construction		City of Hesperia Noise Ordinance	
NOI-4	Where vibratory rollers are used within 30 ft of existing building structures during exempted hours, rollers shall be selected based on compaction force to assure that the 0.2-inch per second peak particle velocity (PPV) threshold is not exceeded at the structure. Whenever vibratory rollers are used within 30 ft of such building structures, continuous vibration monitoring shall be performed and a plan shall be in	Contractor	Construction		City of Hesperia Noise Ordinance	

Appendix H Mitigation Monitoring Reporting Program

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
	<p>place to allow immediate modification or cessation of any vibratory roller activity that generates vibrations exceeding the applicable threshold. Outside of exempted hours, activity constraints will need to be applied for perceptibility thresholds, so that the corresponding distance will be more than 200 ft. As a practical matter, this will prevent the use of vibratory rollers on the project outside of the exempted hours.</p> <p>When other vibration-generating construction equipment is used outside of exempted hours, it shall only be done when compliance with the perceptibility threshold can be verified through conservative vibration propagation modeling and/or continuous onsite vibration monitoring.</p>					
NOI-5	To ensure that the surrounding community is aware of potential noise impacts during construction, the City and County will provide adequate public notification of the proposed construction.	City of Hesperia	Preconstruction		EIR	
NOI-6	When possible, the use of construction equipment that creates high vibration levels will be limited, such as vibratory rollers and hammers operating in the proximity of residential structures or other sensitive land uses.	Contractor	Construction		Federal Transportation Administration/ City of Hesperia Noise Ordinance	

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
NOI-7	The hours of vibration-intensive equipment use, such as vibratory rollers, will be restricted to daytime hours so that impacts to residents are minimal.	Contractor/ City of Hesperia	Construction		City of Hesperia Noise Ordinance; EIR	
NOI-8	<p>Provide double-pane windows to affected residential homes adjacent to Rancho Road within the project area. Double-pane windows would only be provided at specific areas of the residential home where they would provide a reduction in traffic noise. The backyard or other areas of the property that would not provide traffic noise reduction would not be eligible for double-pane windows. Residential homes qualified for this mitigation measure must meet all of the following criterion:</p> <ul style="list-style-type: none"> • Residential property must be identified as a noise-impacted dwelling. Noise impact is defined as: Design Year with Project CNEL equals or exceeds 65 dBA or Project Increase of 5 dB or more resulting in CNEL of 60 dBA or more. • Residential property driveway access is located and directly provides access to Rancho Road. • Residential property currently does not have double-pane windows installed. <p>Residences qualifying for double</p>	Contractor/ City of Hesperia	Design; implement during construction		EIR	

Appendix H Mitigation Monitoring Reporting Program

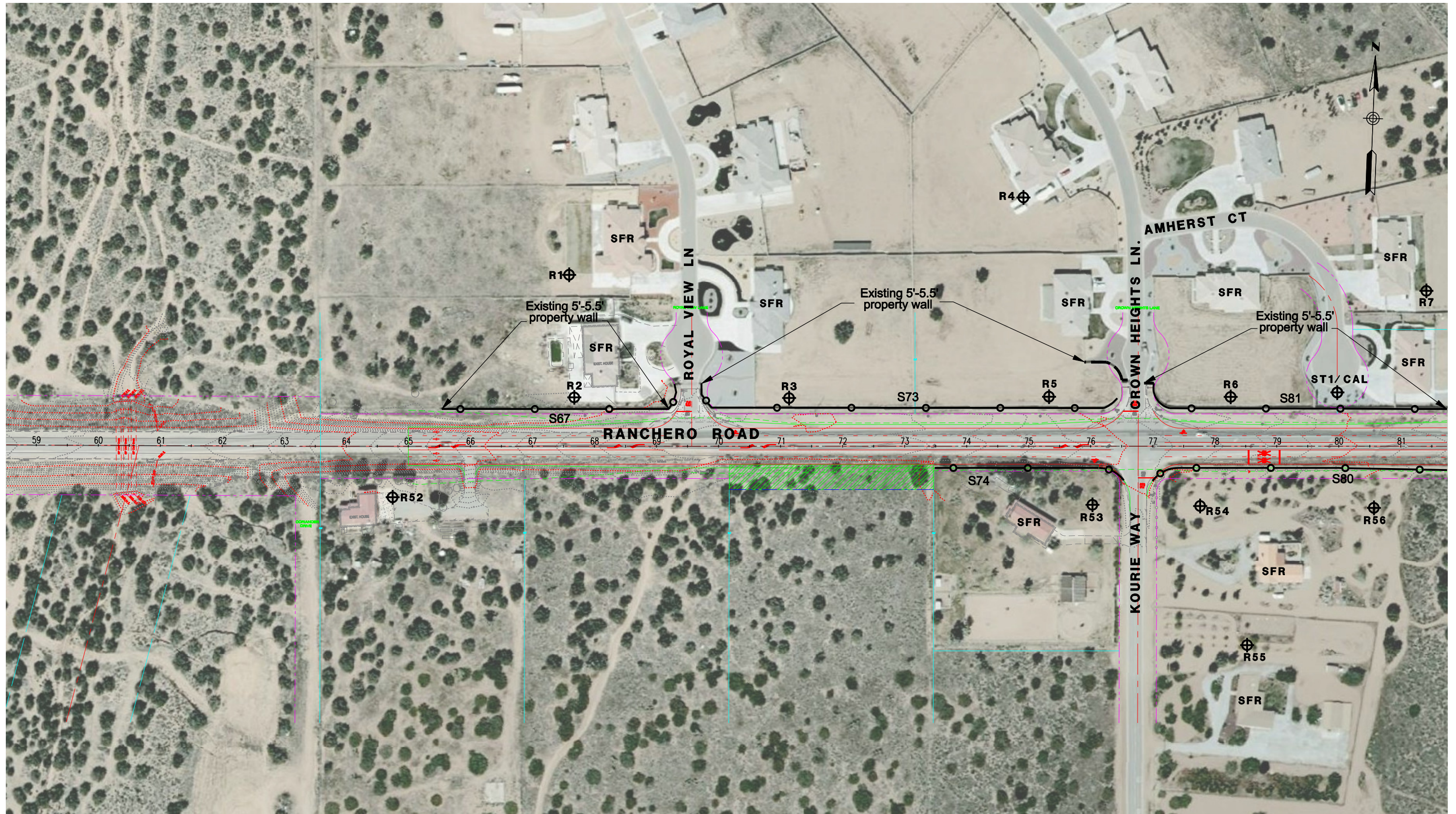
No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
	<p>pane windows are those residential homes that are located adjacent to and directly accessing Ranchoero Road. These homes are identified as:</p> <ul style="list-style-type: none"> • 0409-214-12 • 0409-222-48 • 0409-222-44 • 0409-222-38 • 0409-222-58 • 0405-241-03 • 0405-241-04 <p>Of the seven residential homes identified above, only one residence currently does not have double-pane windows. This residential home, identified as APN 409-214-12, would be provided with double-pane windows by the City, if double-pane windows are not already installed. The City will contact the property owner during final design of the proposed project regarding the option to provide the resident with double-pane windows for the property; installation of these windows would only include areas that are facing Ranchoero Road and, if the home is located adjacent to a minor cross-street, then double-pane windows would be installed at the residential home facing the minor street.</p>					

No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
TRANSPORTATION AND TRAFFIC						
TRANS-1	The City will prepare and implement a Transportation Management Plan (TMP) to minimize the inconveniences during construction. Included among the provisions, the City and its contractor will coordinate with local police, fire, and emergency medical service providers regarding construction scheduling and any other practical measures to maintain adequate access to properties and response times. Two-way traffic through the construction zone will be maintained throughout the construction period.	Contractor/ City of Hesperia	Design; implement during construction		EIR	
UTILITIES AND SERVICE SYSTEMS						
UTIL-1	The City will develop and implement a Construction Management Plan and coordinate with utility providers before and during construction. Interruptions of service, if any, would be done in consultation with individual providers, and follow guidelines and schedules set in place by the City and San Bernardino County, including notification to impacted residences and businesses.	City of Hesperia	Design		EIR	

Appendix H Mitigation Monitoring Reporting Program

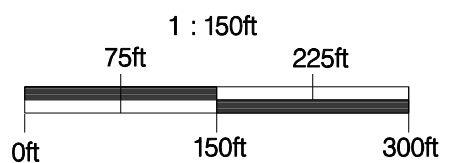
No.	Description	Responsible Party/ Monitor	Timing/ Phase	Task Completed (Sign and Date)	Source	Comments
UTIL-2	A professional waste hauler will be utilized to remove waste from construction activities from the site. The hauler will comply with all local, State, and federal requirements for waste diversion, including the provisions of AB 939.detour plans.	City of Hesperia/ County of San Bernardino	During Construction		EIR	

Appendix I Noise Monitoring Locations
Exhibits



LEGEND
 ⊕ Rxx - NOISE RECEIVERS SITE
 ⊕ ST - SHORTTERM MEASUREMENT
 ⊕ LT - LONGTERM MEASUREMENT

SFR - SINGLE FAMILY RESIDENTIAL
 COMM - COMMERCIAL
 --- EXISTING WALL
 ——— SOUNDWALL

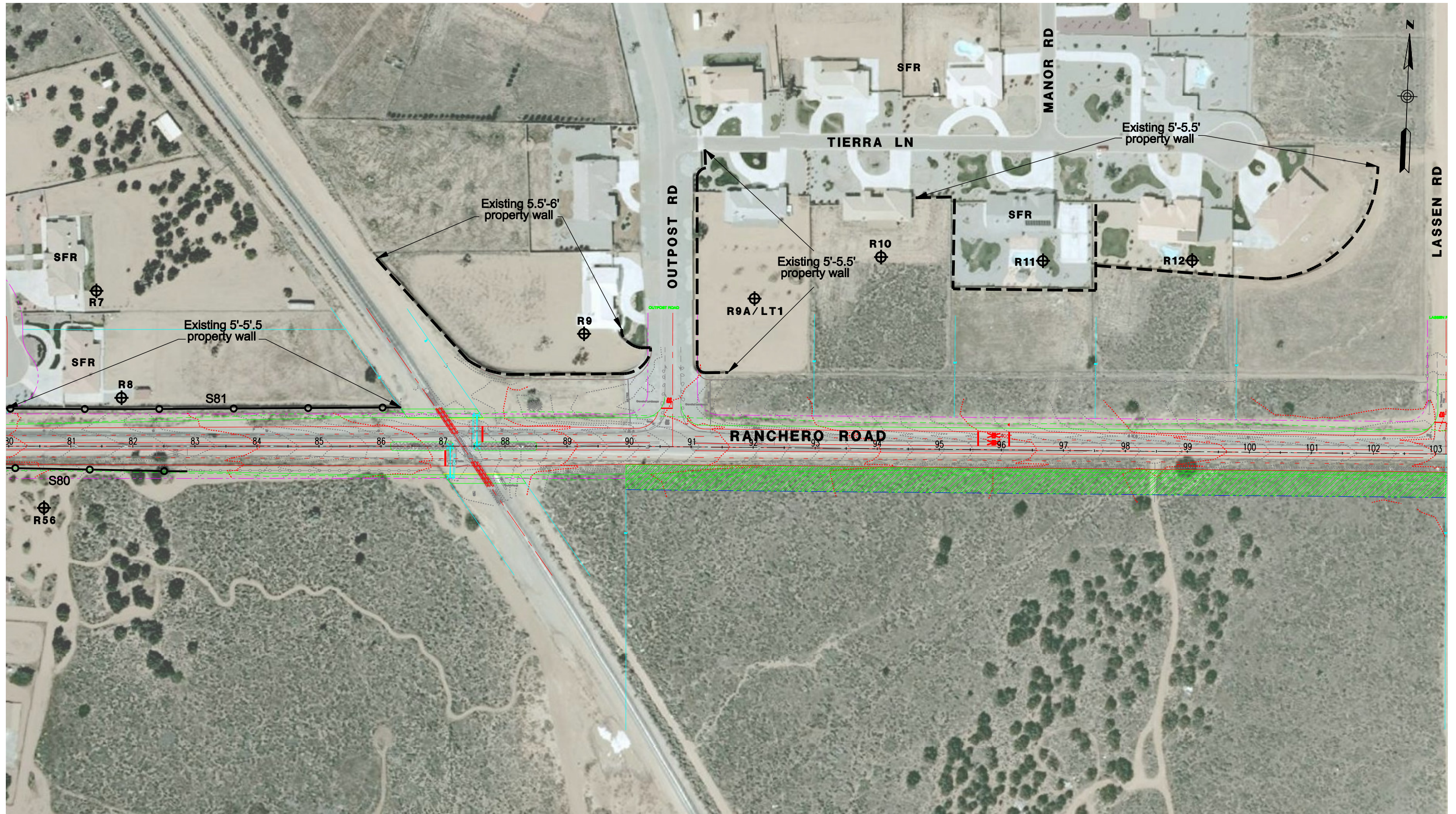


PARSONS
 100 WEST WALNUT ST.
 PASADENA, CA 91124
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**RANCHERO ROAD WIDENING PROJECT
 NOISE RECEIVERS AND
 BARRIER LOCATIONS**

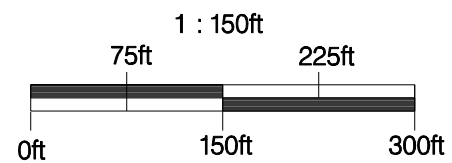
OCTOBER 21, 2011

FIGURE 1



LEGEND
 ⊕ Rxx - NOISE RECEIVERS SITE
 ⊕ ST - SHORTTERM MEASUREMENT
 ⊕ LT - LONGTERM MEASUREMENT

SFR - SINGLE FAMILY RESIDENTIAL
 COMM - COMMERCIAL
 - - - - - EXISTING WALL
 ○ - - - - - SOUNDWALL



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 NOISE RECEIVERS AND
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OCTOBER 21, 2011

FIGURE 2