LA CHOLLA BOULEVARD

MAGEE RD.-TANGERINE RD.

PROJECT NUMBER: 4RTLTM

PIMA COUNTY BOARD OF SUPERVISORS

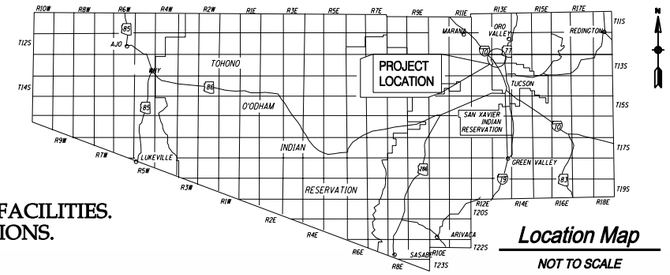
RAMON VALADEZ, CHAIRMAN, DISTRICT 2
ANN DAY, DISTRICT 1 RICHARD ELIAS, DISTRICT 5,
SHARON BRONSON, DISTRICT 3 RAY CARROLL, DISTRICT 4

PROJECT IN SUPERVISOR DISTRICT 1

GENERAL DESCRIPTION OF PROJECT

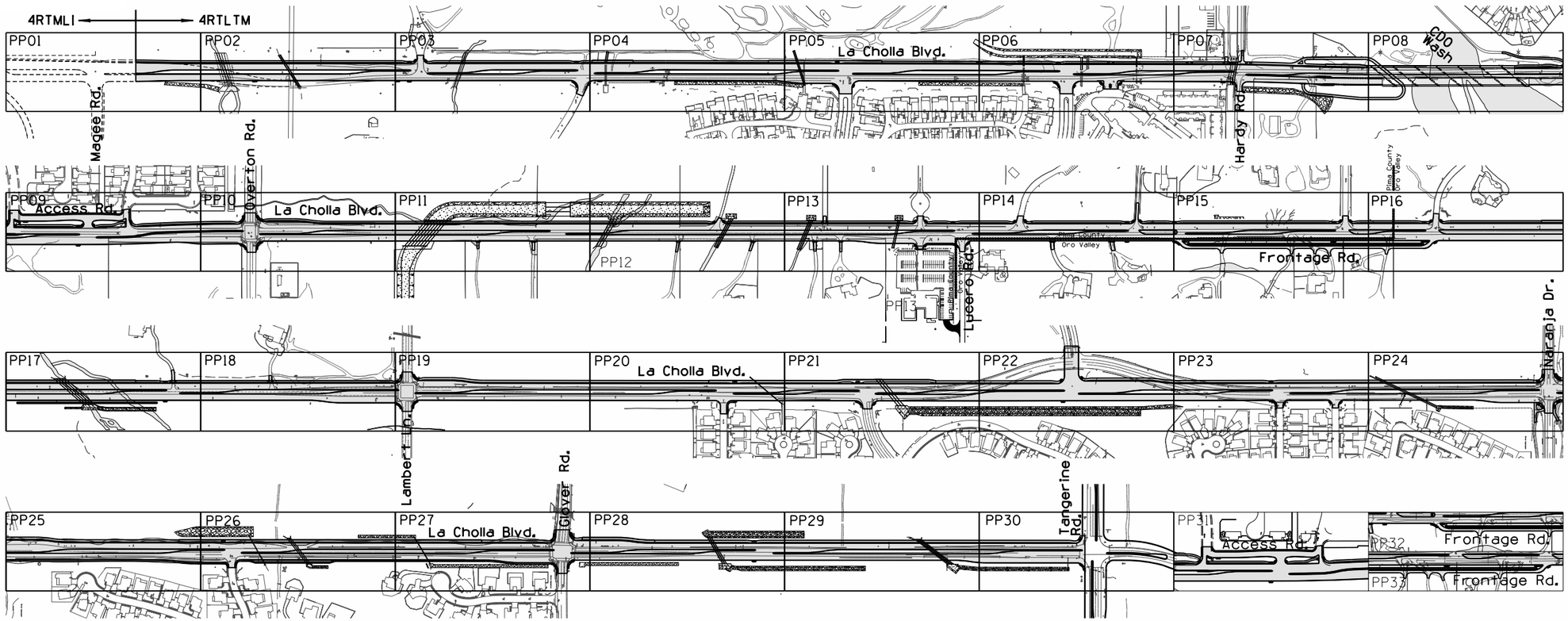
IMPROVEMENTS TO 4.9 MILES OF LA CHOLLA BOULEVARD FROM MAGEE RD. TO TANGERINE RD.
INCLUDING A FOUR LANE ROADWAY WITH MEDIANS, CURBS, SIDEWALKS, MULTI-USE PATH, AND DRAINAGE FACILITIES.
A NEW BRIDGE WILL BE CONSTRUCTED AT THE CANADA DEL ORO WASH TO IMPROVE EXISTING CONDITIONS.

DESIGN CONCEPT REPORT
APPENDIX C
STAGE I (15%) DESIGN CONCEPT PLANS



Location Map
NOT TO SCALE

Sections 3,4,9,10,15,16,21,22,27,28
T-12-S, R-13-E
&
Sections 33,34
T-11-S, R-13-E,
G & S R & M
Pima County, Arizona



LA CHOLLA BOULEVARD: MAGEE RD. TO TANGERINE RD. - PROJECT NO. 4RTLTM

Index to Plan and Profile Sheets
NOT TO SCALE

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Pima County Department of Transportation
201 N. Stone Ave. 4th floor Tucson, Arizona 85701
Phone Number: 740-6410
Priscilla S. Cornelio, P.E. Director

PIMA COUNTY DOT

SHEET INDEX

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SP01-SP15	73-87	STRIPING PLANS
S01-S02	88-89	BRIDGE PLANS

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

No.	Revisions	Engineer	Date
No.	As Built	Engineer	Date

PRELIMINARY
NOT FOR
CONSTRUCTION
STAGE I

Reviewed by	Engineer	Date
Mgr. Trans Engr.		
Mgr. Traffic Engr.		
Mgr. Field Engr.		
Mgr. WWM		
Mgr. Tucson Water		

Approved: _____20__
Director

Project No. 4RTLTM
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FILE NAME: P:\PCDOT\24096890\Cadd\Sheet\4RTLTM_fs.dgn DATE: 4/26/2010 TIME: 8:14:38 AM eric_sibson

1. CONSTRUCTION SHALL CONFORM TO THE PIMA COUNTY/CITY OF TUCSON STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC IMPROVEMENTS, 2003 EDITION EXCEPT AS MODIFIED BY THE SPECIAL PROVISIONS. IN ADDITION, THE CONTRACTOR SHALL CONFORM TO THE MAY 2007 ADOT CONSTRUCTION DRAWING (C-SERIES) AND THE JUNE 1992 ADOT STANDARD DRAWING (B-SERIES) PLUS CURRENT REVISIONS TO EITHER SERIES.

2. UTILITIES LOCATIONS SHOWN ON PLANS WERE COMPILED BASED ON THE BEST INFORMATION AVAILABLE TO THE DEPARTMENT, UTILITY LOCATIONS ARE NOT INTENDED TO BE EXACT OR COMPLETE. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES WITH THE APPROPRIATE ORGANIZATIONS. CONTACT "BLUE STAKE" AT 1-800-782-5348 TWO FULL WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION (SATURDAYS AND SUNDAYS ARE NOT CONSIDERED WORKING DAYS.)

3. CONSTRUCTION ZONE TRAFFIC CONTROL SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" 2003 EDITION, THE PROJECT PLANS AND THE SPECIAL PROVISIONS. MOST ELEMENTS OF WORK WILL BE INCLUDED IN A LUMP SUM PAY ITEM. HOWEVER SEE TRAFFIC CONTROL PLANS, BID SCHEDULE AND SPECIAL PROVISIONS FOR SPECIFIC INFORMATION.

4. RIGHT-OF-WAY ENCROACHMENTS SHALL BE REMOVED ONLY BY ORDER OF PIMA COUNTY, UNLESS OTHERWISE NOTED.

5. REMOVAL OF ALL CACTI AND NATIVE PLANTS SHALL BE IN ACCORDANCE WITH THE PIMA COUNTY ENVIRONMENTALLY SENSITIVE ROADWAY DESIGN GUIDELINES AND REGIONAL FLOOD CONTROL DISTRICT RIPARIAN ORDINANCE.

6. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS, IN PARTICULAR, SHORING OF TRENCHES AND EXCAVATIONS.

7. CONTRACTOR SHALL ADJUST ALL WATER METERS, VALVE BOXES, STORM DRAIN MANHOLES, AND SEWER MANHOLES AND CLEAN OUTS TO FINISH GRADE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE OTHER ITEMS OF WORK, EXCEPT WHEN THE BIDDING SCHEDULE CONTAINS SPECIFIC ITEMS ON A UNIT BASIS.

8. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED BY ALL GOVERNMENTAL AGENCIES. CONTRACTOR AND PIMA COUNTY TO OBTAIN SEPARATE AZPOES PERMITS WITH SEPARATE NOI AND NOT FILING. FOR WORK BEYOND THE SCOPE OF THE PROJECT LIMITS, PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL OBTAIN A SEPARATE FLOODPLAIN AND/OR GRADING PERMIT PRIOR TO COMMENCING SUCH WORK.

9. DESIGN SPEED: 50 MPH, LA CHOLLA

10. DESIGN VEHICLE IS WB-50 FOR THE PROJECT WITH THE EXCEPTION OF THE FRONTAGE ROAD AND ACCESS ROAD WHICH USES A SU-30 DESIGN VEHICLE.

11. THE BASIS OF BEARINGS S89^39'00.18"W AS MEASURED BETWEEN PIMA COUNTY DOT-CITY OF TUCSON GEODETIC CONTROL POINT (7)T13 AND PIMA COUNTY DOT CITY OF TUCSON CONTROL POINT (7)T01.

12. BASIS OF ELEVATION: PIMA COUNTY SURVEY CONTROL POINT UCD1010, DESIGNATION MAG 3. ELEVATION BEING 2388.10 NAVD88

13. THE CONTRACTOR SHALL INSTALL ALL PERMANENT PAVEMENT MARKINGS, AND ALL PERMANENT TRAFFIC CONTROL SIGNS.

14. SOILS INFORMATION WILL BE MADE AVAILABLE TO PROSPECTIVE BIDDERS IN THE PROJECT SPECIAL PROVISIONS. SOILS INFORMATION MAY BE MADE AVAILABLE SEPARATE FROM THE SPECIAL PROVISIONS BUT AT THE TIME OF BIDDING. SOILS INFORMATION SO PROVIDED SHALL BE FOR INFORMATION PURPOSES ONLY, AND IS NOT TO BE CONSIDERED A PART OF THE CONTRACT DOCUMENTS. THIS INFORMATION WAS DEVELOPED AS ACCURATELY AS POSSIBLE BY THE METHODS USED. PIMA COUNTY ACCEPTS NO RESPONSIBILITY FOR ANY CONDITIONS ENCOUNTERED WHICH VARY FROM THE INFORMATION PROVIDED.

15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ADJUST ALL SANITARY SEWER MANHOLE STRUCTURES TO FINISHED GRADE. ALL RING AND COVER ADJUSTMENTS ARE TO BE IN ACCORDANCE WITH PIMA COUNTY/CITY OF TUCSON STANDARD DETAILS FOR PUBLIC IMPROVEMENTS WWM304, WWM305 OR WWM306 (AS APPLICABLE) AND WWM307.

16. THE PAVEMENT STRUCTURAL SECTIONS ARE FROM THE PAVEMENT DESIGN SUMMARY REPORT DATED DEC. 17, 2009. THE REPORT ASSUMES THE SUBGRADE MATERIAL WILL HAVE A MINIMUM R- VALUE OF 35. ALL BORROW MATERIALS SHALL HAVE A MINIMUM R- VALUE OF 35.

17. THE CONTRACTOR'S ATTENTION IS CALLED TO THE LIMITED AREA AVAILABLE ON THE SITE FOR EXCAVATION, EMBANKMENT AND OTHER CONSTRUCTION ACTIVITIES.

18. EXISTING CONDITIONS SHOWN ON PLAN SHEETS REFLECT CONDITIONS AS OF MAY, 2009.

19. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS, ALLEYS, AND MAILBOXES DURING CONSTRUCTION. THE CONTRACTOR WILL NOT RESTRICT EMERGENCY VEHICLES, U.S. POSTAL DELIVERY, SOLID WASTE COLLECTIONS, AND/OR ACCESS TO THE ADJACENT PROPERTIES, EXCEPT AS APPROVED BY THE ENGINEER.

20. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FURNISH, HAUL, AND APPLY ALL WATER REQUIRED FOR COMPACTION, AND FOR THE CONTROL OF DUST FROM CONSTRUCTION ACTIVITY. THE COST FOR THIS WORK IS TO BE INCLUDED IN THE CONSTRUCTION PRICE.

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CARE, MAINTENANCE, REPAIR OR REPLACEMENT OF EXISTING IMPROVEMENTS IN THE WORK AREA WHICH HAVE BEEN REMOVED OR DAMAGED DURING THE COURSE OF CONSTRUCTION. ALL REPAIR, REPLACEMENT, OR CLEANUP SHALL BE DONE TO THE SATISFACTION OF THE OWNER.

22. OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND RESOLVED BEFORE PROCEEDING WITH THE WORK.

23. ANY REVISIONS MADE TO THESE PLANS MUST BE APPROVED BY PIMA COUNTY DEPARTMENT OF TRANSPORTATION FIELD ENGINEERING DEPARTMENT, 740-2661 PRIOR TO CONSTRUCTION.

24. A COPY OF THESE PLANS SHALL BE KEPT IN AN EASILY ACCESSIBLE LOCATION ON THE SITE AT ALL TIMES DURING CONSTRUCTION.

25. ANY EXCESS EXCAVATED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND SHALL BE REMOVED FROM PROJECT SITE BY THE CONTRACTOR.

26. ALL STATIONING SHOWN ON THE PLANS AND PROFILES IS ALONG THE CONSTRUCTION CENTERLINE UNLESS OTHER WISE NOTED.

27. ALL SURVEY MONUMENTS SHALL BE ESTABLISHED BY A LAND SURVEYOR REGISTERED IN THE STATE OF ARIZONA, AND A RECORD OF SURVEY WILL BE PROVIDED.

28. DIMESIONS SHALL NOT BE SCALED FROM DRAWINGS.

29. THE DISCOVERY OF HUMAN REMAINS DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE TO STATE LAWS.

30. FLOW MANAGEMENT PLANS SHALL BE SUBMITTED TO PCRWRD FIELD ENGINEERING AT LEAST 30 DAYS PRIOR TO THE PROJECTED PRE-CONSTRUCTION MEETING.

31. SWPPP MEASURES SHALL BE INSTALLED SO AS TO PREVENT ALL STORM WATER, CONSTRUCTION WATER, FUELS, CHEMICALS, OR LIQUIDS TO BE DIRECTED INTO OR ONTO ANY SANITARY SEWER FACILITIES. PROTECTION OF SANITARY SEWERS FACILITIES SHALL BE PART OF THE APPROVED CONSTRUCTION SWPPP AND BEST MANAGEMENT PRACTICES. PROTECTION DEVICES SHALL BE INSTALLED AND MAINTAINED AROUND ALL POTENTIALLY AFFECTED SANITARY SEWER FACILITIES WITHIN THE PROJECT LIMITS. ADDITIONAL MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO THE USE OF RAIN STOPPERS AND WATERPROOF MANHOLE COVERS AS DEEMED NECESSARY BY THE PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT.

32. ANY MANHOLE CONSTRUCTION OR RECONSTRUCTION SHALL CONFORM TO WJVM 304, 305, 306 & 307.

DESIGN DATA	2008 ADT	2040 ADT
LA CHOLLA BLVD:	9900 TO 15800 VEHICLES PER DAY	21800 TO 29800 VEHICLES PER DAY

LENGTH OF PROJECT

LA CHOLLA BLVD: 282+00 TO 541+89
4.9 MILES

ITEM #	EARTHWORK QUANTITIES	PIMA COUNTY (Magee to Lambert)		ORO VALLEY (Lambert to Tangerine)	
2030300	ROADWAY EXCAVATION	70,299	C.Y.	29,752	C.Y.
2030401	DRAINAGE EXCAVATION	50,000	C.Y.	10,000	C.Y.
	TOTAL SHRINK VALUE	12,030	C.Y.	3,975	C.Y.
	ROADWAY EMBANKMENT	126,672	C.Y.	53,982	C.Y.
	GROUND COMPACTION	2,000	C.Y.	1,000	C.Y.
2030902	BORROW	20,403	C.Y.	19,205	C.Y.
	FACTORS: SHRINK=10% COMPACTION=0.20'				

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Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			
5			

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

GENERAL NOTES
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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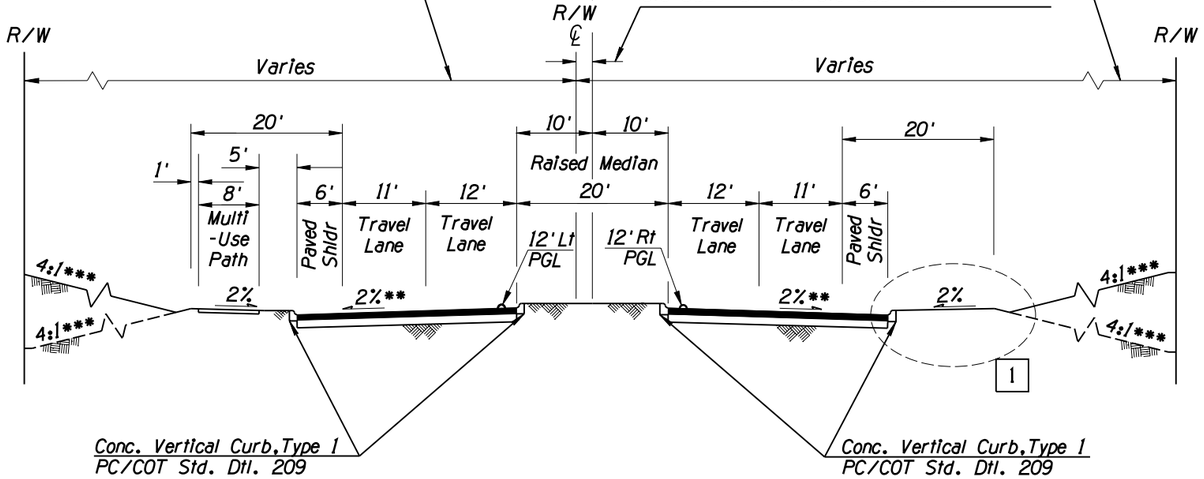
eric_sibson

Project R/W Limits (Left of R/W ℄):
Exist R/W,100'-Sta. 282+00.00 to Sta. 312+00.41
New R/W,100'-Sta. 312+00.41 to Sta. 314+98.96
Exist R/W,100'-Sta. 314+98.96 to Sta. 318+44.49
New R/W,100'-Sta. 318+44.49 to Sta. 321+08.19
Exist R/W,100'-Sta. 321+08.19 to Sta. 329+62.73
Exist R/W,75'-Sta. 329+62.73 to Sta. 332+95.55
New R/W,75'-Sta. 332+95.55 to Sta. 338+67.90
New R/W,100'-Sta. 338+67.90 to Sta. 344+02.38
Exist R/W,100'-Sta. 344+02.38 to Sta. 358+35.83
New R/W,80'-Sta. 360+05.84 to Sta. 385+53.11
Exist R/W,75'-Sta. 386+77.51 to Sta. 394+24.32
New R/W,75'-Sta. 394+24.32 to Sta. 402+26.89
Exist R/W,75'-Sta. 402+26.89 to Sta. 409+46.76
Exist R/W,75'-Sta. 410+41.76 to Sta. 437+55.43

Project R/W Limits (Right of R/W ℄):
Exist R/W,100'-Sta. 282+00.00 to Sta. 306+50.32
Exist R/W,75'-Sta. 306+50.32 to Sta. 332+92.76
New R/W,Varies:75' to 125'-Sta. 333+68.76 to Sta. 338+61.16
New R/W,125'-Sta. 338+61.16 to Sta. 347+00.00
New R/W,Varies:125' to 85'-Sta. 347+00.00 to Sta. 350+47.49
New R/W,85'-Sta. 350+47.49 to Sta. 358+65.22
New R/W,75'-Sta. 360+05.22 to Sta. 372+56.55
New R/W,85'-Sta. 372+56.53 to Sta. 388+67.78
Exist R/W,75'-Sta. 388+67.78 to Sta. 391+67.25
New R/W,75'-Sta. 392+77.25 to Sta. 398+96.74
New R/W,85'-Sta. 398+96.73 to Sta. 437+55.12

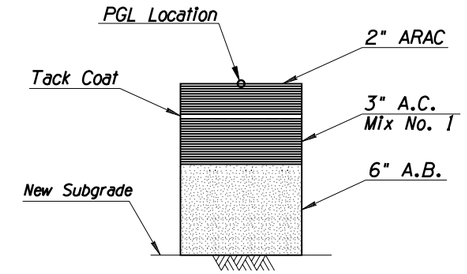
Varies: 2.31' to 0' From
Sta. 282+00.00 to Sta. 306+50.16
Varies: 0' to 15' From
Sta. 332+89.62 to Sta. 338+61.16
15' From Sta 338+61.16 to Sta 352+13.60
Varies: 15' to 0'
Sta 352+13.61 to Sta 358+00.00



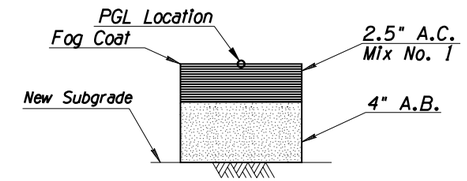
SOUTHBOUND NORTHBOUND

LA CHOLLA BOULEVARD
TYPICAL SECTION

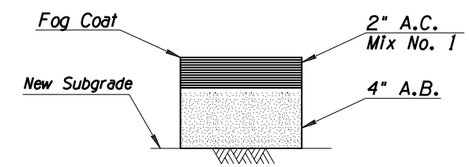
Sta. 283+86.86 to Sta. 291+55.18
Sta. 298+64.64 to Sta. 299+27.07
Sta. 306+38.34 to Sta. 311+33.58
Sta. 318+31.29 to Sta. 321+55.69
Sta. 328+51.94 to Sta. 329+62.27
Sta. 363+04.08 to Sta. 369+99.71
Sta. 377+05.30 to Sta. 388+69.57
Sta. 395+84.95 to Sta. 396+74.74
Sta. 400+38.95 to Sta. 402+15.71
Sta. 405+73.51 to Sta. 406+31.45
Sta. 410+10.36 to Sta. 410+84.75
Sta. 414+25.75 to Sta. 424+26.83
Sta. 431+20.31 to Sta. 434+35.19



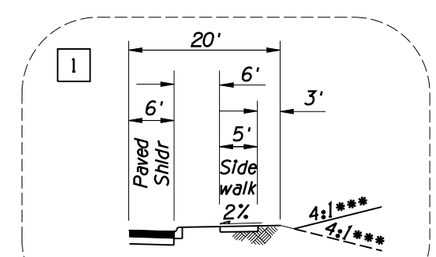
Total Thickness=11"
PAVEMENT STRUCTURAL SECTION NO. 1 (NTS)
La Cholla Blvd.



Total Thickness=6.5"
PAVEMENT STRUCTURAL SECTION NO. 2 (NTS)
Frontage Rd., Access Rd.



Total Thickness=6"
PAVEMENT STRUCTURAL SECTION NO. 3 (NTS)
Multi-Use Pathways, Driveways



Sta. 318+31.29 to Sta. 321+55.69
Sta. 328+51.94 to Sta. 329+62.27

Notes:
1. See sheet TS07 for wall and slope protection locations.

** Roadway Cross Slope Varies, See Plan & Profiles for Superelevation Diagram.
*** Slope Varies, See Slope Table Sheet TS _

Arizona Blue Stake
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Scale	Horiz. 1"= 10' / Vert. 1"= 10'	Sheet TS01 of TS12	Page 3 of 89

Pima County Department of Transportation
Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

TYPICAL SECTIONS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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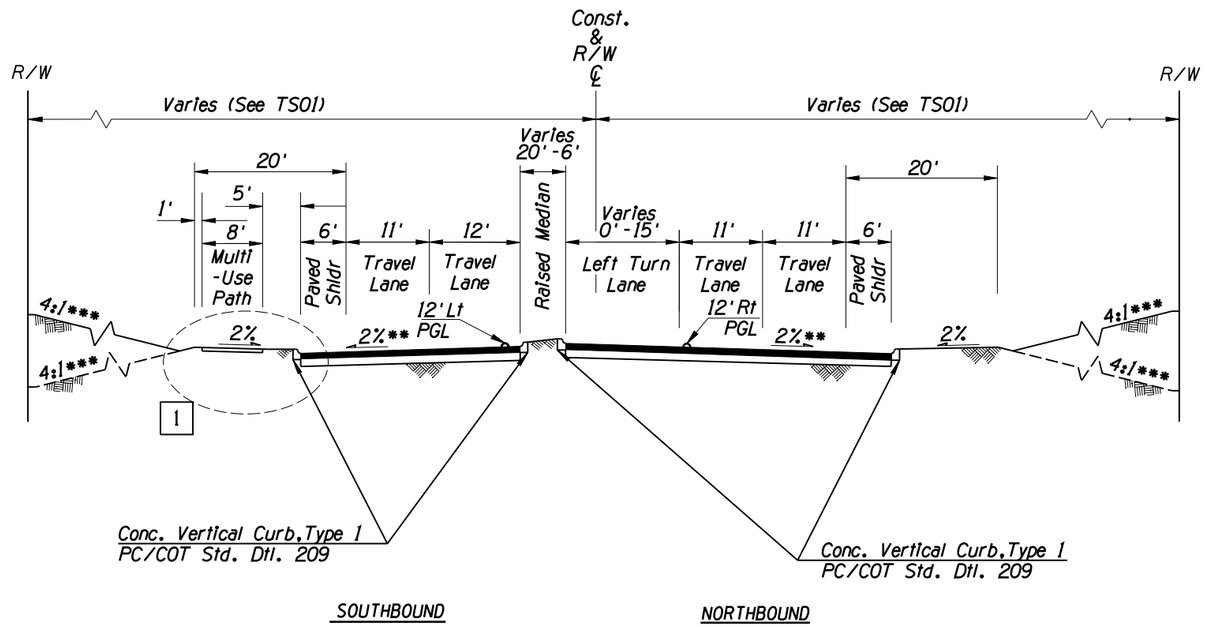
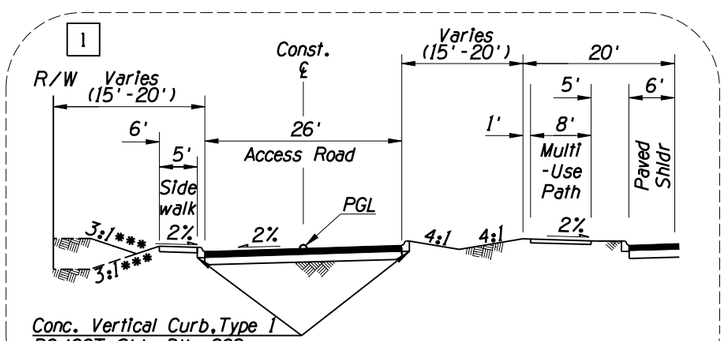


LA CHOLLA BOULEVARD
TYPICAL SECTION

Sta. 299+27.07 to Sta. 302+43.82
Sta. 311+33.58 to Sta. 314+50.33
Sta. 321+55.69 to Sta. 324+72.44
Sta. 329+62.27 to Sta. 332+79.01
Sta. 348+30.87 to Sta. 351+40.67
Sta. 369+99.71 to Sta. 373+16.46
Sta. 396+74.74 to Sta. 399+90.54
Sta. 406+31.45 to Sta. 409+48.19
Sta. 410+84.75 to Sta. 413+65.67
Sta. 424+26.83 to Sta. 427+43.56



Sta. 348+38.43 to Sta. 351+40.67

Notes:
1. See sheet TS07 for wall and slope protection locations.

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*** Slope Varies, See Slope Table Sheet TS _

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Scale	Horiz. 1"= 10' / Vert. 1"= 10'	Sheet TS02 of TS12	Page 4 of 89

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

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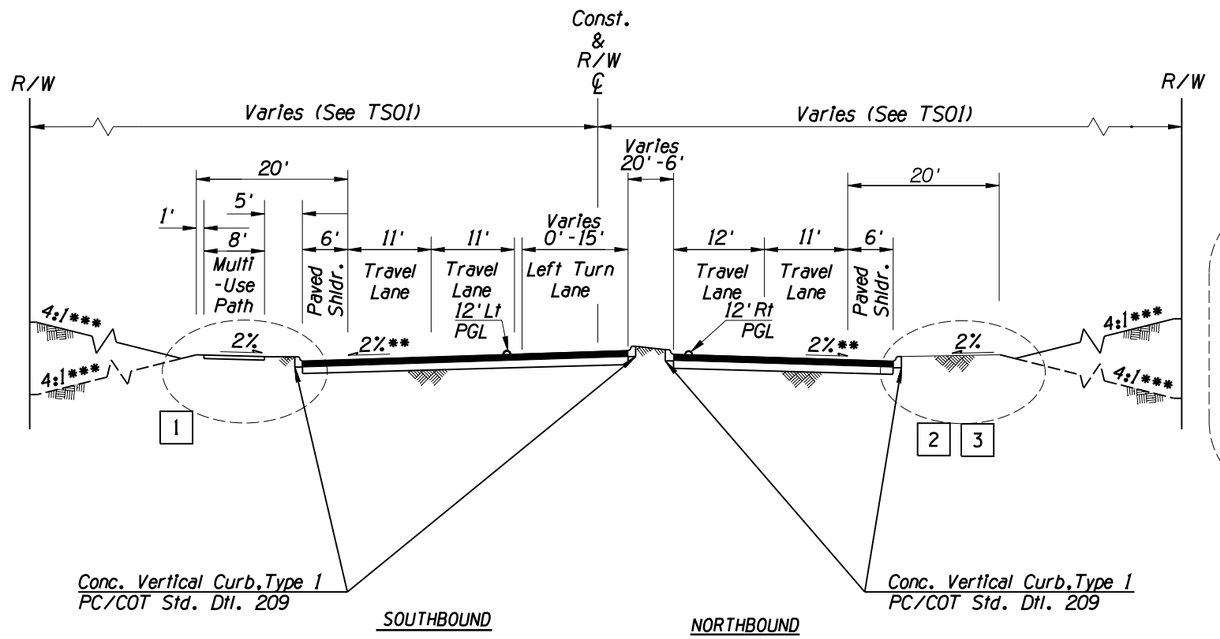
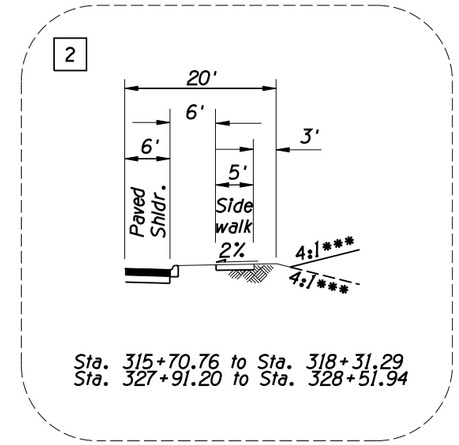
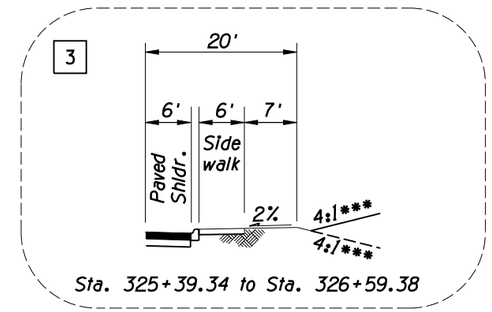




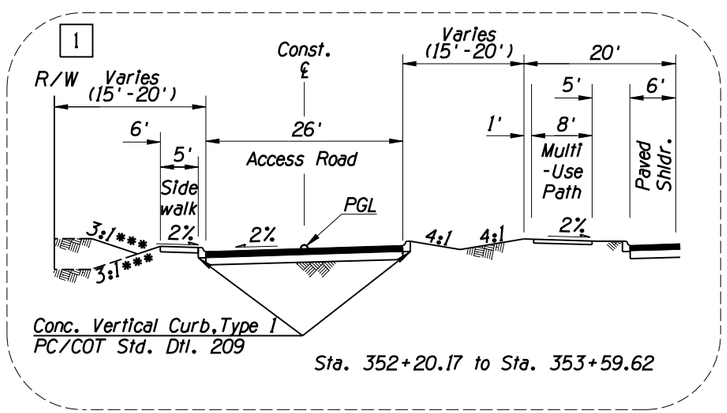
Sta. 315+70.76 to Sta. 318+31.29
Sta. 327+91.20 to Sta. 328+51.94



Sta. 325+39.34 to Sta. 326+59.38

LA CHOLLA BOULEVARD
TYPICAL SECTION

Sta. 282+00.00 to Sta. 283+86.86
Sta. 295+47.89 to Sta. 298+64.64
Sta. 303+20.16 to Sta. 306+38.34
Sta. 315+14.54 to Sta. 318+31.29
Sta. 325+35.19 to Sta. 328+51.94
Sta. 333+33.39 to Sta. 336+43.41
Sta. 352+20.17 to Sta. 355+33.87
Sta. 373+88.78 to Sta. 377+05.30
Sta. 392+68.20 to Sta. 395+84.95
Sta. 402+53.57 to Sta. 405+73.51
Sta. 428+03.57 to Sta. 431+20.31



Sta. 352+20.17 to Sta. 353+59.62

Notes:
1. See sheet TS07 for wall and slope protection locations

** Roadway Cross Slope Varies, See Plan & Profiles for Superelevation Diagram.
*** Slope Varies, See Slope Table Sheet TS _

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Scale	Horiz. 1"= 10'	Sheet TS03 of TS12	Page 5 of 89
	Vert. 1"= 10'		

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

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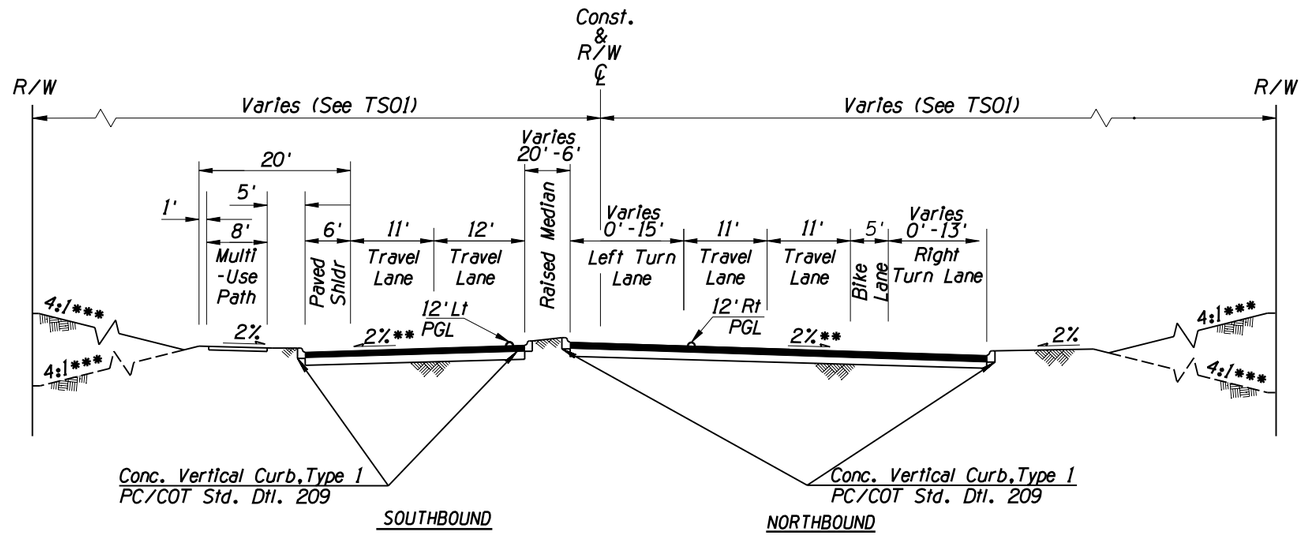
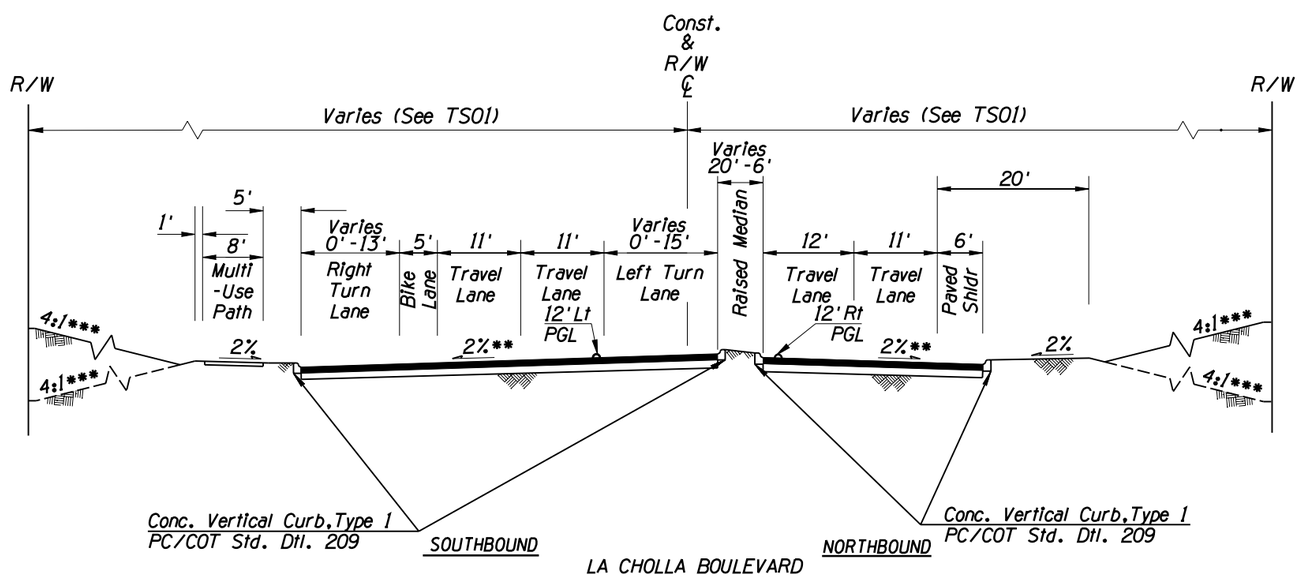


LA CHOLLA BOULEVARD
TYPICAL SECTION

Sta. 311+33.58 to Sta. 314+50.33
Sta. 355+76.91 to Sta. 358+97.78
Sta. 388+69.57 to Sta. 391+86.32
Sta. 433+97.75 to Sta. 438+15.94



LA CHOLLA BOULEVARD
TYPICAL SECTION

Sta. 359+73.33 to Sta. 363+04.08
Sta. 438+90.98 to Sta. 442+21.72

Notes:
1. See sheet TS07 for wall and slope protection locations.

** Roadway Cross Slope Varies. See Plan & Profiles for Superelevation Diagram.
*** Slope Varies. See Slope Table Sheet TS _

Arizona Blue Stake
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1-800-782-5348
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Scale	Horiz. 1"= 10' / Vert. 1"= 10'	Sheet TS04 of TS12	Page 6 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

TYPICAL SECTIONS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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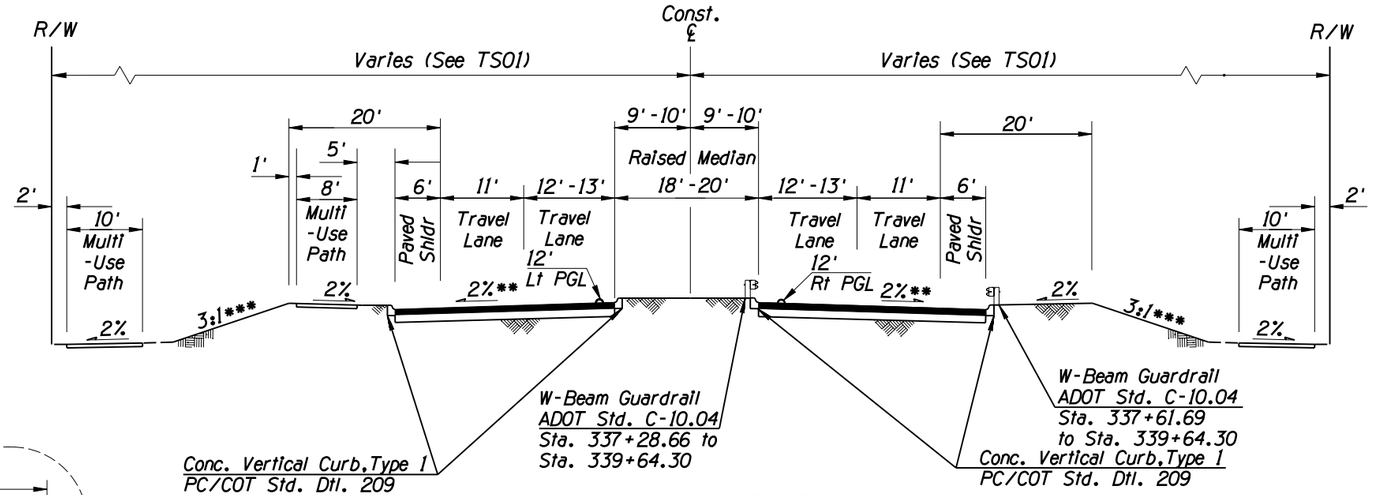
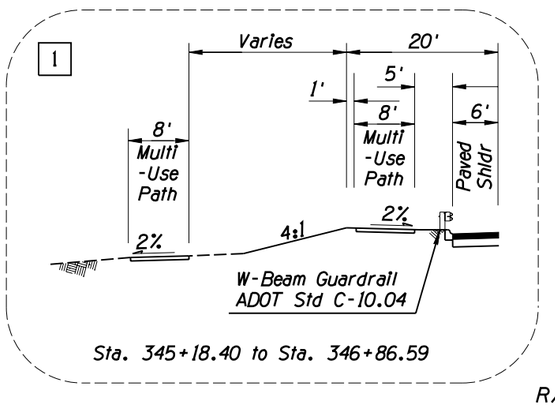
eric_sibson



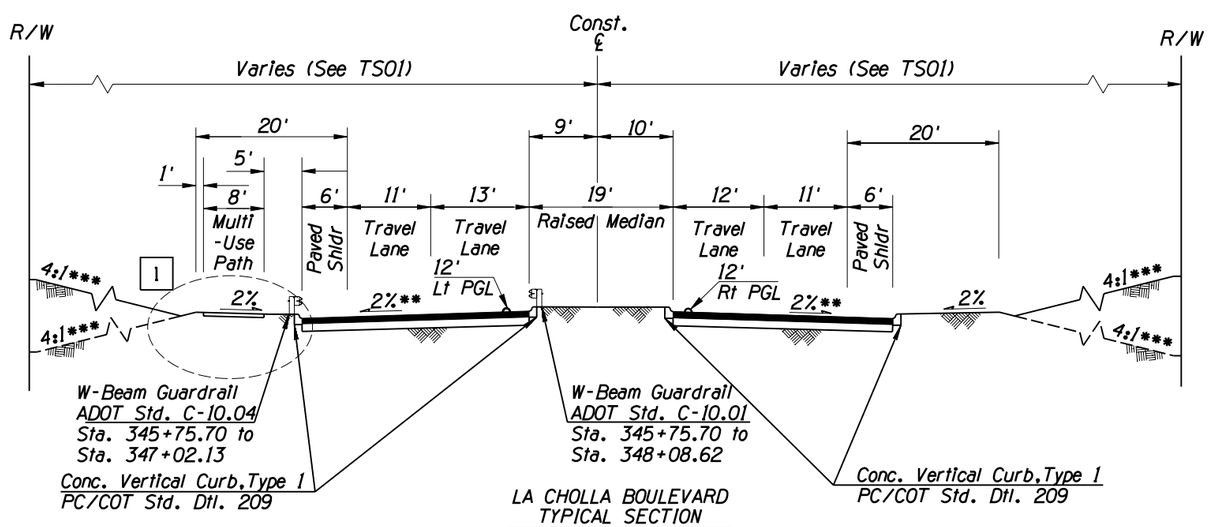
LA CHOLLA BOULEVARD
TYPICAL SECTION

SOUTHBOUND
Sta. 336+43.41 to Sta. 338+93.52

NORTHBOUND
Sta. 336+43.41 to Sta. 339+64.26



Sta. 345+18.40 to Sta. 346+86.59



LA CHOLLA BOULEVARD
TYPICAL SECTION

SOUTHBOUND
Sta. 345+75.67 to Sta. 348+30.87

NORTHBOUND
Sta. 346+42.67 to Sta. 348+30.87

Notes:
1. See sheet TS07 for wall and slope protection locations.

** Roadway Cross Slope Varies, See Plan & Profiles for Superelevation Diagram.
*** Slope Varies, See Slope Table Sheet TS _

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
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Scale	Horiz. 1"= 10' / Vert. 1"= 10'	Sheet TS05 of TS12	Page 7 of 89

Pima County Department of Transportation
Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY
PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

TYPICAL SECTIONS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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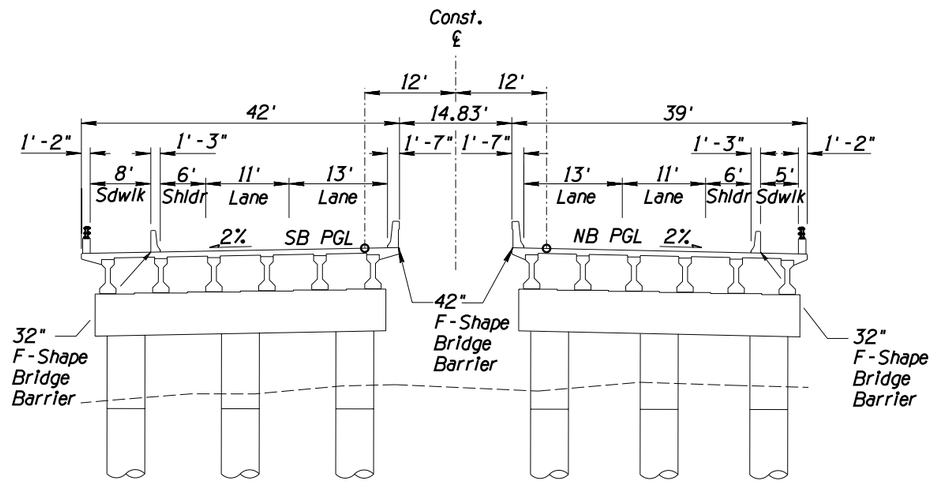
eric_sibson



LA CHOLLA BOULEVARD
BRIDGE TYPICAL SECTION

SOUTHBOUND
Sta. 338+93.52 to Sta. 345+75.67

NORTHBOUND
Sta. 339+64.26 to Sta. 346+42.67

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 10' / Vert. 1"= 10'	Sheet TS06 of TS12	Page 8 of 89

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

TYPICAL SECTIONS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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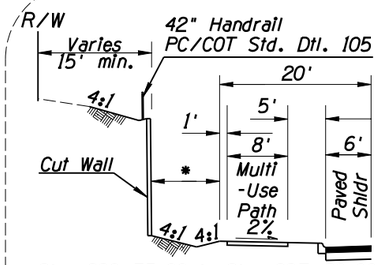
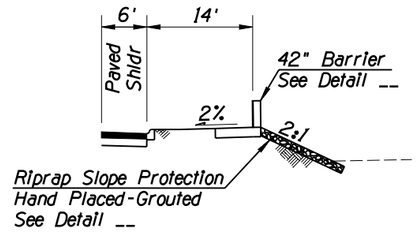
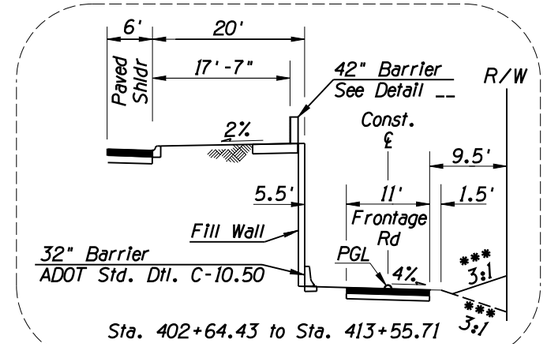


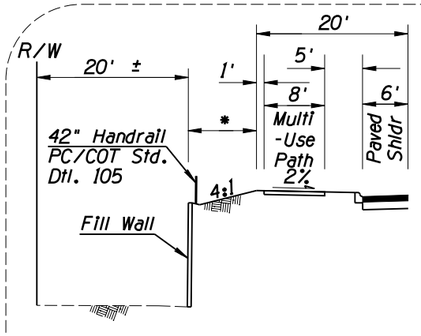
Sta. 290+75.00 to Sta. 293+80.00-(*=27')
Sta. 300+00.00 to Sta. 301+90.70-(*=27')
Sta. 401+25.00 to Sta. 403+40.84-(*=7')
Sta. 405+25.00 to Sta. 408+30.00-(*=7')
Sta. 410+30.00 to Sta. 412+00.00-(*=11.76'-7')
Sta. 417+00.00 to Sta. 418+40.00-(*=7')



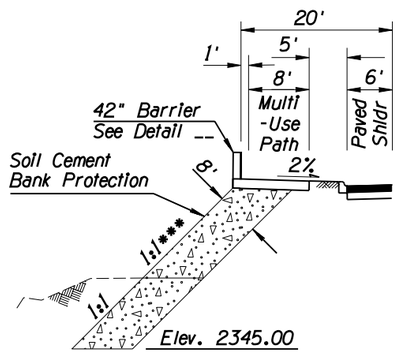
Sta. 420+50.00 to Sta. 427+00.00 (Rt.)



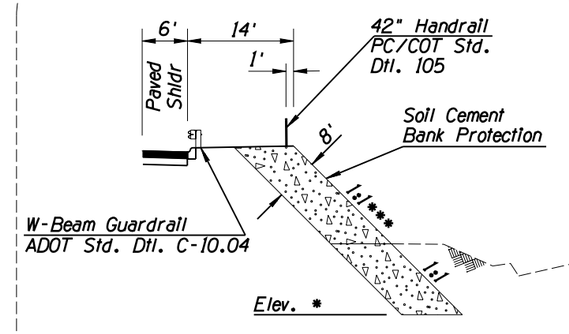
Sta. 402+64.43 to Sta. 413+55.71



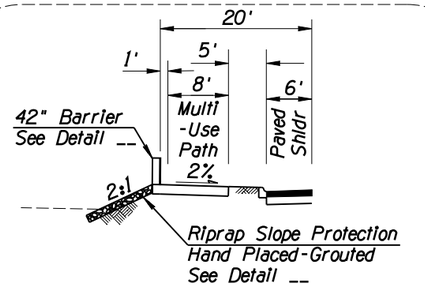
Sta. 296+55.00 to Sta. 299+20.00-(*=27')
Sta. 305+25.00 to Sta. 309+25.00-(*=27')



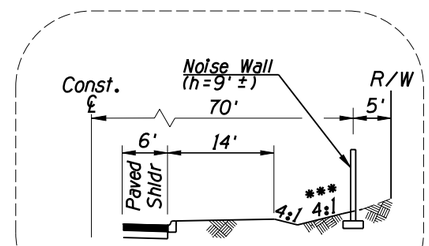
Sta. 338+35.00 to Sta. 338+93.52



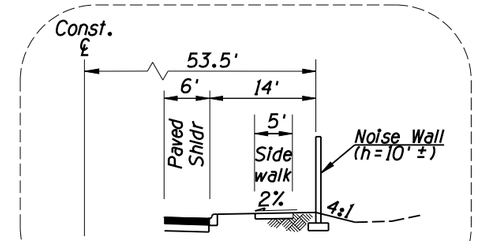
Sta. 337+25.00 to Sta. 339+64.26 (*=Elev. 2345.00)
Sta. 346+42.67 to Sta. 348+50.00 (*=Elev. 2350.00)



Sta. 303+10.00 to Sta. 305+00.00 (Lt.)
Sta. 311+25.00 to Sta. 316+50.00 (Lt.)
Sta. 337+00.00 to Sta. Bridge (Lt.)
Sta. 419+00.00 to Sta. 426+00.00 (Lt.)



Sta. 306+75.18 to Sta. 314+20.00



Sta. 315+35.00 to Sta. 324+50.00

*** Slope Varies, See Slope Table Sheet TS _

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 10' / Vert. 1"= 10'	Sheet TS07 of TS12	Page 9 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

			Date
Designed	TWW		04/10
Drawn	AA		04/10
Checked	BR		04/10
Proj. Mgr.	EJS		04/10

No.	Revision Description	Engineer	Date

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone 520-887-1800

TYPICAL SECTIONS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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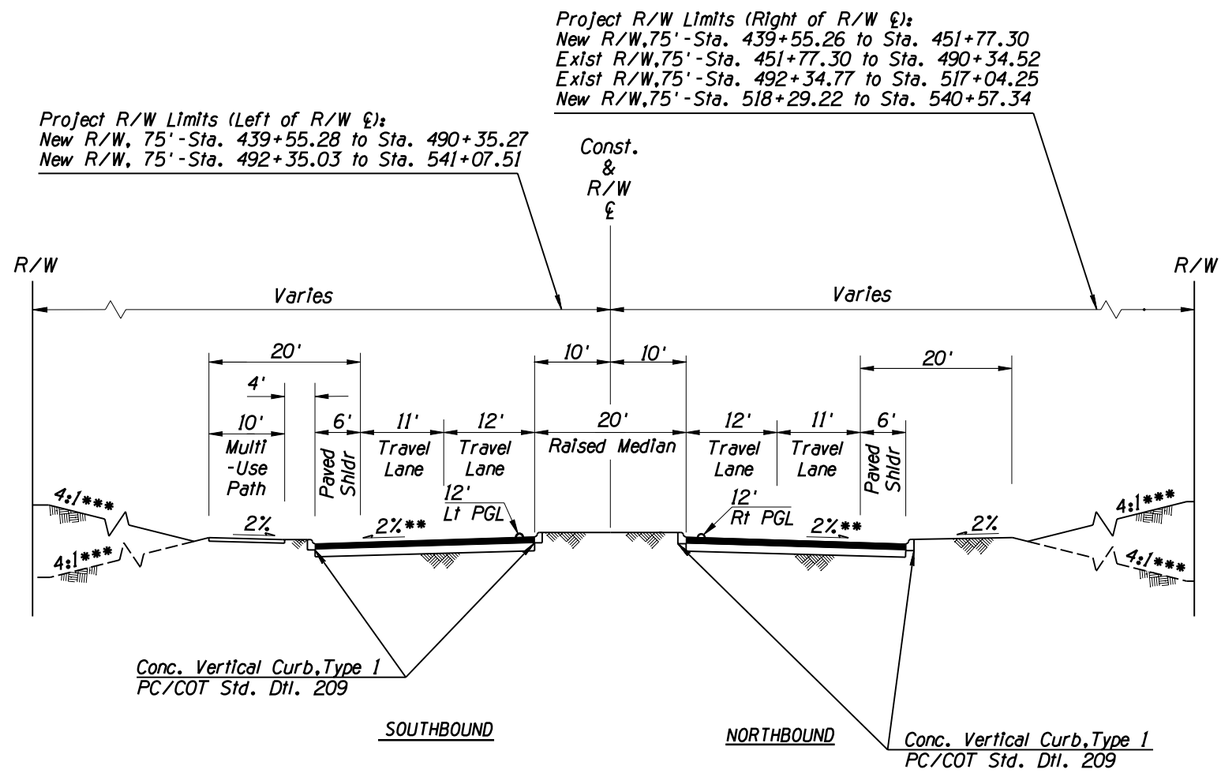
eric_sibson



LA CHOLLA BOULEVARD
TYPICAL SECTION

Sta. 442+21.72 to Sta. 449+67.91
Sta. 463+38.64 to Sta. 464+29.35
Sta. 472+76.10 to Sta. 475+40.48
Sta. 482+53.61 to Sta. 487+60.38
Sta. 495+02.38 to Sta. 498+95.24
Sta. 506+05.29 to Sta. 513+04.33
Sta. 521+77.29 to Sta. 523+49.76
Sta. 530+63.60 to Sta. 535+83.55

Notes:
1. See sheet TS12 for wall and slope protection locations.

** Roadway Cross Slope Varies, See Plan & Profiles for Superelevation Diagram.
*** Slope Varies, See Slope Table Sheet TS _

Arizona Blue Stake
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1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 10' / Vert. 1"= 10'	Sheet TS08 of TS12	Page 10 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

TYPICAL SECTIONS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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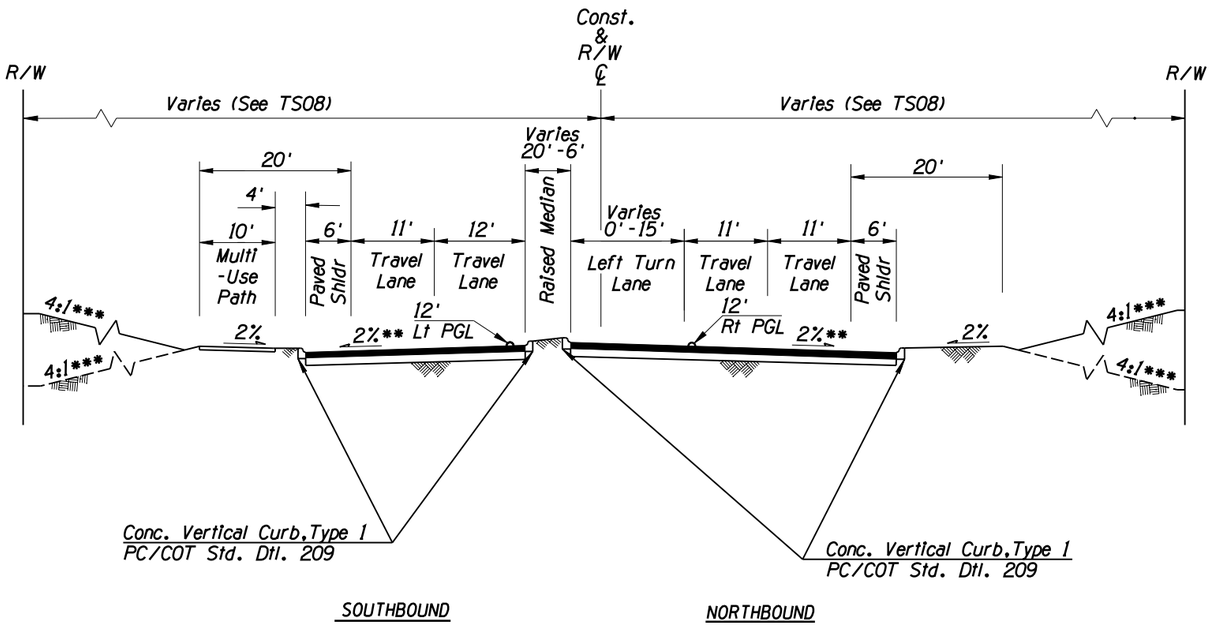
eric_sibson



LA CHOLLA BOULEVARD
TYPICAL SECTION

Sta. 449+67.91 to Sta. 452+84.66
Sta. 456+29.36 to Sta. 459+46.11
Sta. 464+29.35 to Sta. 468+95.24
Sta. 475+40.48 to Sta. 478+57.23
Sta. 523+49.76 to Sta. 526+66.50

Notes:
1. See sheet TS12 for wall and slope protection locations.

** Roadway Cross Slope Varies, See Plan & Profiles for Superelevation Diagram.
*** Slope Varies, See Slope Table Sheet TS _

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 10'	Sheet TS09 of TS12	Page 11 of 89
	Vert. 1"= 10'		

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

TYPICAL SECTIONS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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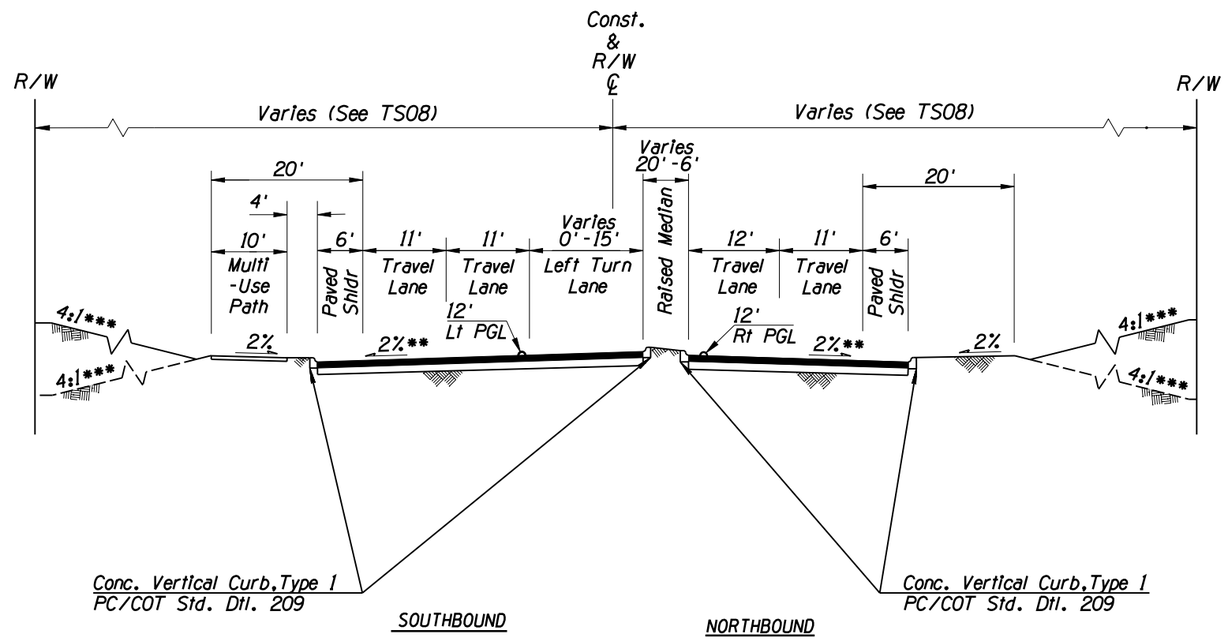
eric_sibson



LA CHOLLA BOULEVARD
TYPICAL SECTION

Sta. 453+63.27 to Sta. 456+80.01
Sta. 460+19.79 to Sta. 463+38.64
Sta. 479+36.86 to Sta. 482+53.61
Sta. 502+88.54 to Sta. 506+05.29
Sta. 527+47.86 to Sta. 530+63.60

Notes:
1. See sheet TS12 for wall and slope protection locations.

** Roadway Cross Slope Varies, See Plan & Profiles for Superelevation Diagram.
*** Slope Varies, See Slope Table Sheet TS _

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 10' / Vert. 1"= 10'	Sheet TS10 of TS12	Page 12 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

TYPICAL SECTIONS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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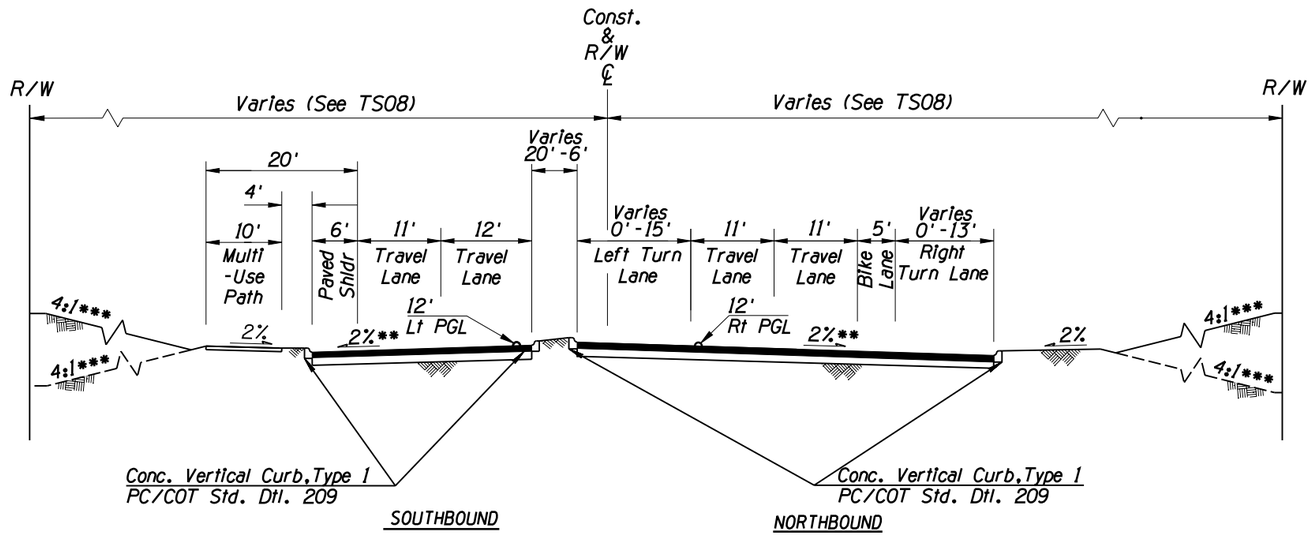
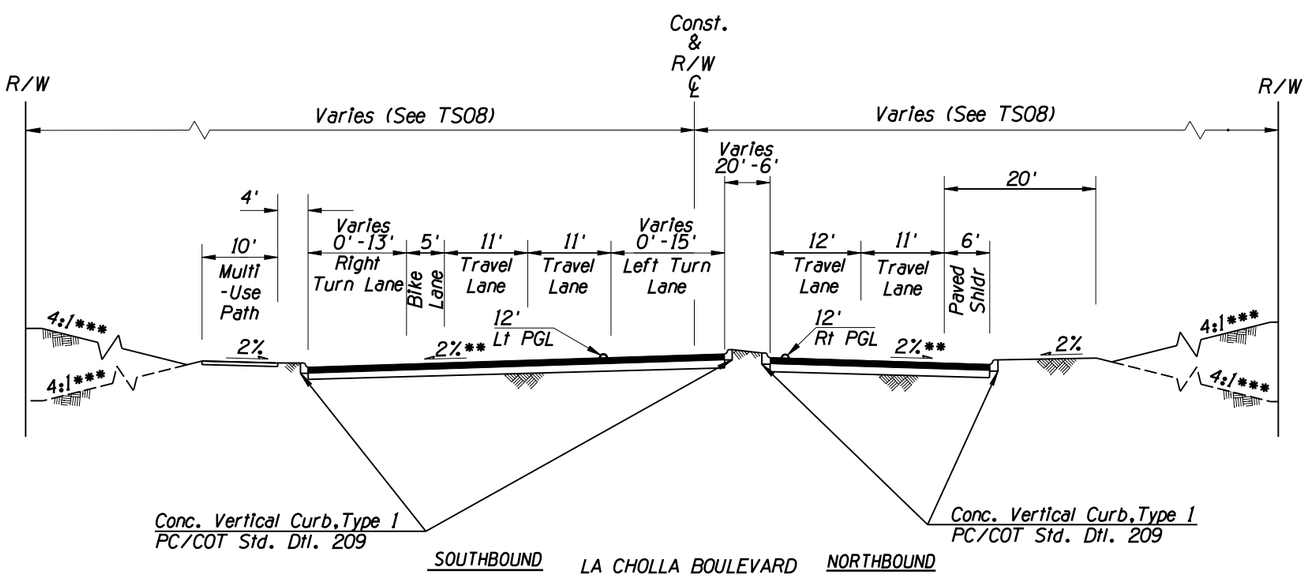
eric_sibson



LA CHOLLA BOULEVARD
TYPICAL SECTION

Sta. 487+60.38 to Sta. 490+91.18
Sta. 498+95.24 to Sta. 502+11.98
Sta. 513+04.33 to Sta. 517+35.12
Sta. 535+83.55 to Sta. 541+77.78



LA CHOLLA BOULEVARD
TYPICAL SECTION

Sta. 438+90.98 to Sta. 442+21.72
Sta. 469+59.36 to Sta. 474+19.73
Sta. 491+71.64 to Sta. 495+02.38
Sta. 518+12+00 to Sta. 521+77.29

Notes:
1. See sheet TS12 for wall and slope protection locations.

** Roadway Cross Slope Varies, See Plan & Profiles for Superelevation Diagram.
*** Slope Varies, See Slope Table Sheet TS _

Arizona Blue Stake
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1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 10' / Vert. 1"= 10'	Sheet TS11 of TS12	Page 13 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

TYPICAL SECTIONS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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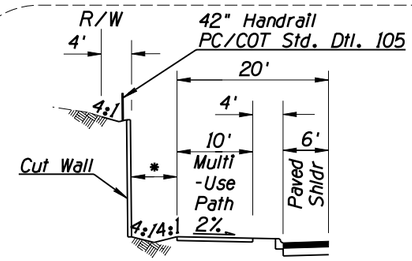

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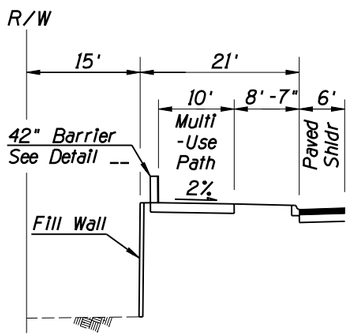

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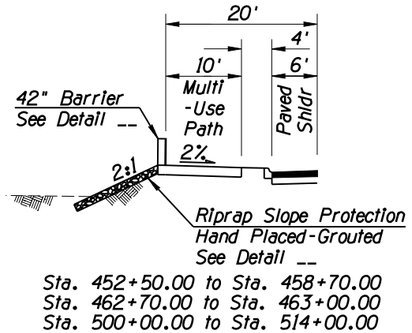
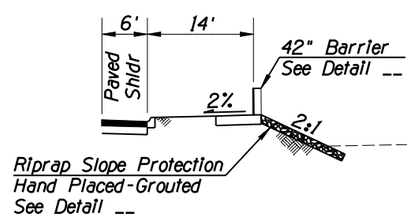


Sta. 452+50.00 to Sta. 458+70.00
Sta. 462+70.00 to Sta. 463+00.00
Sta. 500+00.00 to Sta. 514+00.00
Sta. 518+65.00 to Sta. 522+00.00



Sta. 503+50.00 to Sta. 507+00.00

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1-800-STAKE-IT
1-800-782-5348
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Scale	Horiz. 1"= 10' / Vert. 1"= 10'	Sheet TS12 of TS12	Page 14 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

TYPICAL SECTIONS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
PROJECT NO. 4RTLTM

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eric.sibson

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
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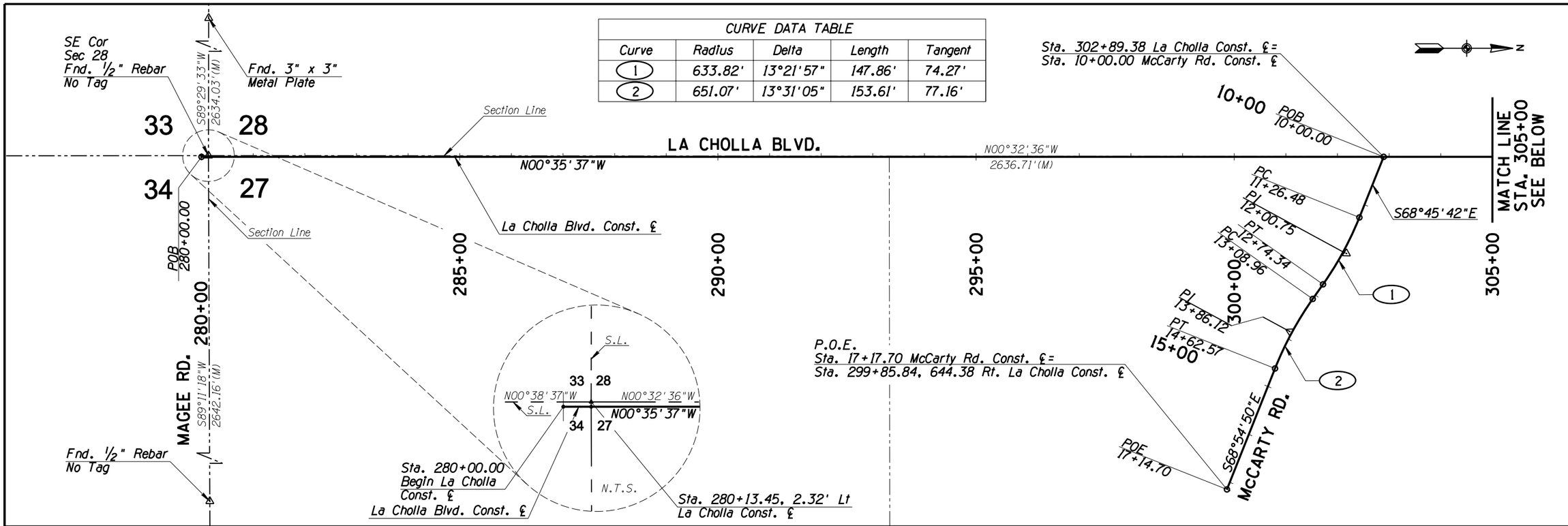
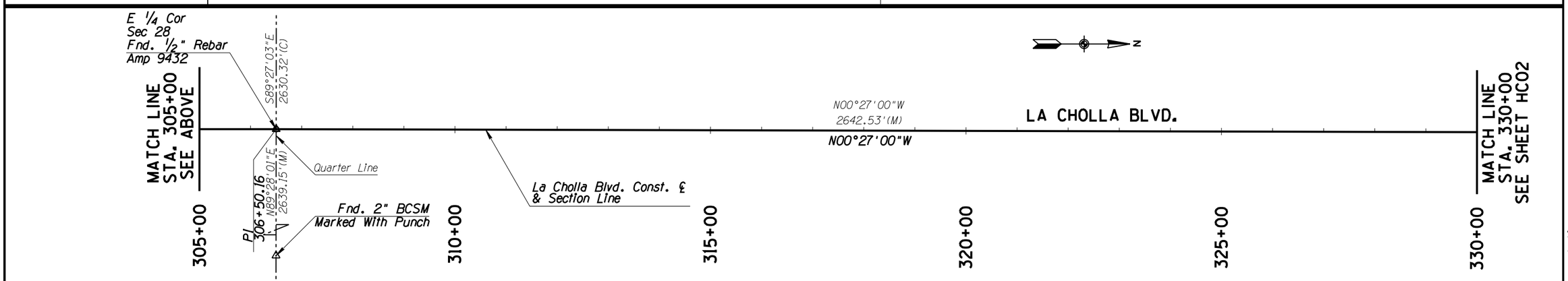
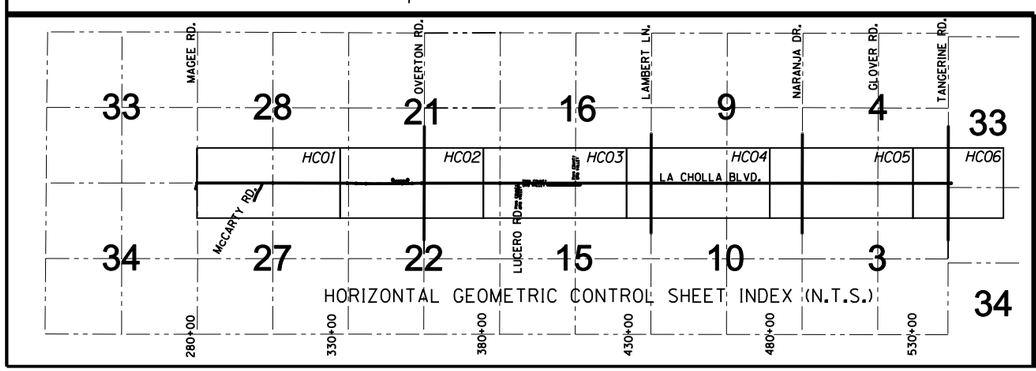
2	651.07'	13°31'05"	153.61'	77.16'







HORIZONTAL GEOMETRIC CONTROL SHEET INDEX (N.T.S.)

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 100' Vert. 1"=	Sheet HC01 of HC25	Page 15 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL GEOMETRIC CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 280+00 TO STA. 330+00
PROJECT NO. 4RTLTM

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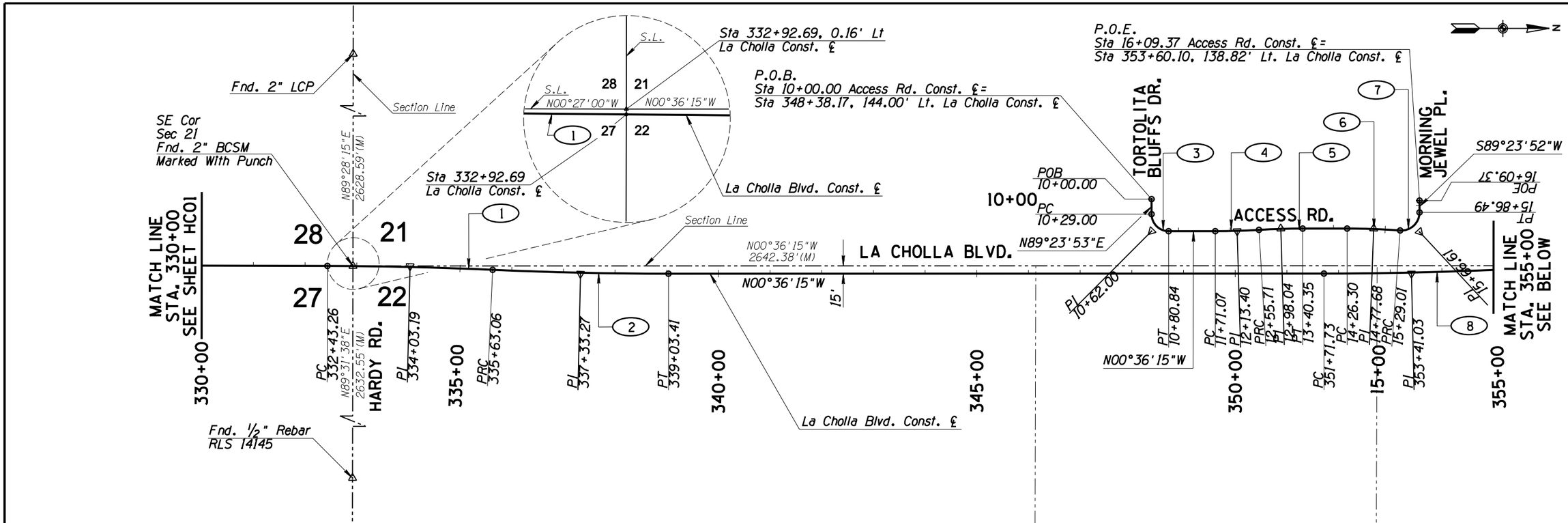
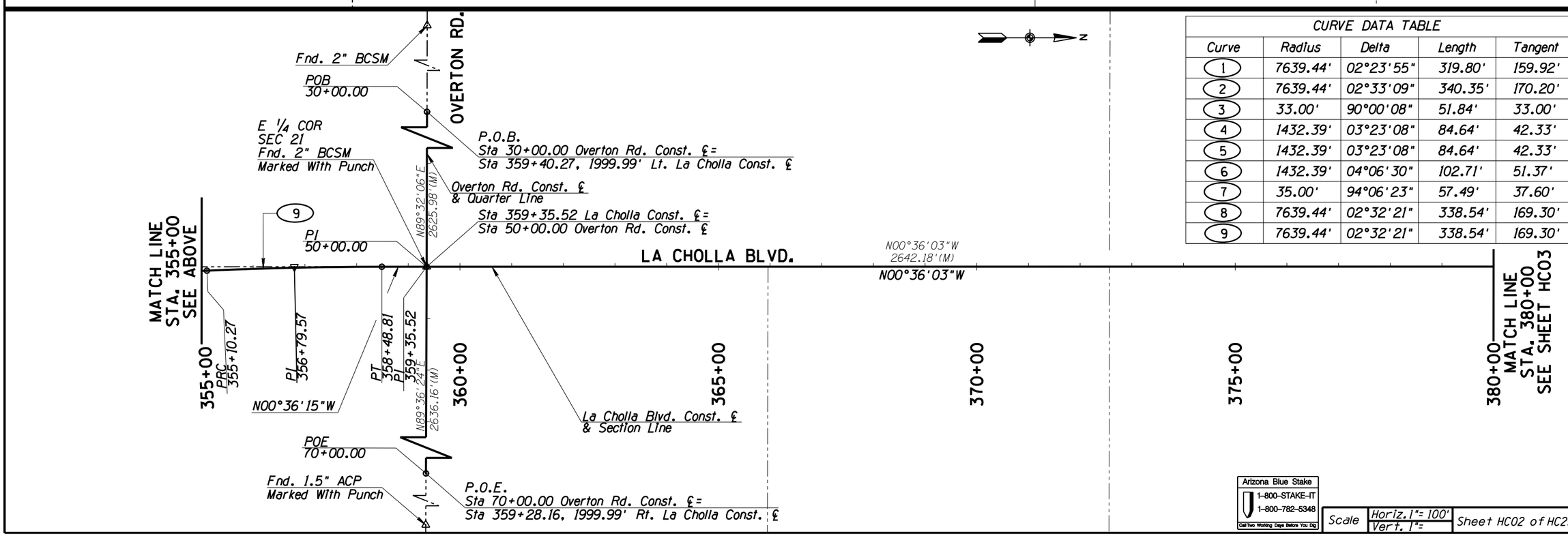
eric_sibson





CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	7639.44'	02°23'55"	319.80'	159.92'
2	7639.44'	02°33'09"	340.35'	170.20'
3	33.00'	90°00'08"	51.84'	33.00'
4	1432.39'	03°23'08"	84.64'	42.33'
5	1432.39'	03°23'08"	84.64'	42.33'
6	1432.39'	04°06'30"	102.71'	51.37'
7	35.00'	94°06'23"	57.49'	37.60'
8	7639.44'	02°32'21"	338.54'	169.30'
9	7639.44'	02°32'21"	338.54'	169.30'

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Scale Horiz. 1"= 100' Vert. 1"=

Sheet HC02 of HC25

Page 16 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL GEOMETRIC CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 330+00 TO STA. 380+00
PROJECT NO. 4RTL TM

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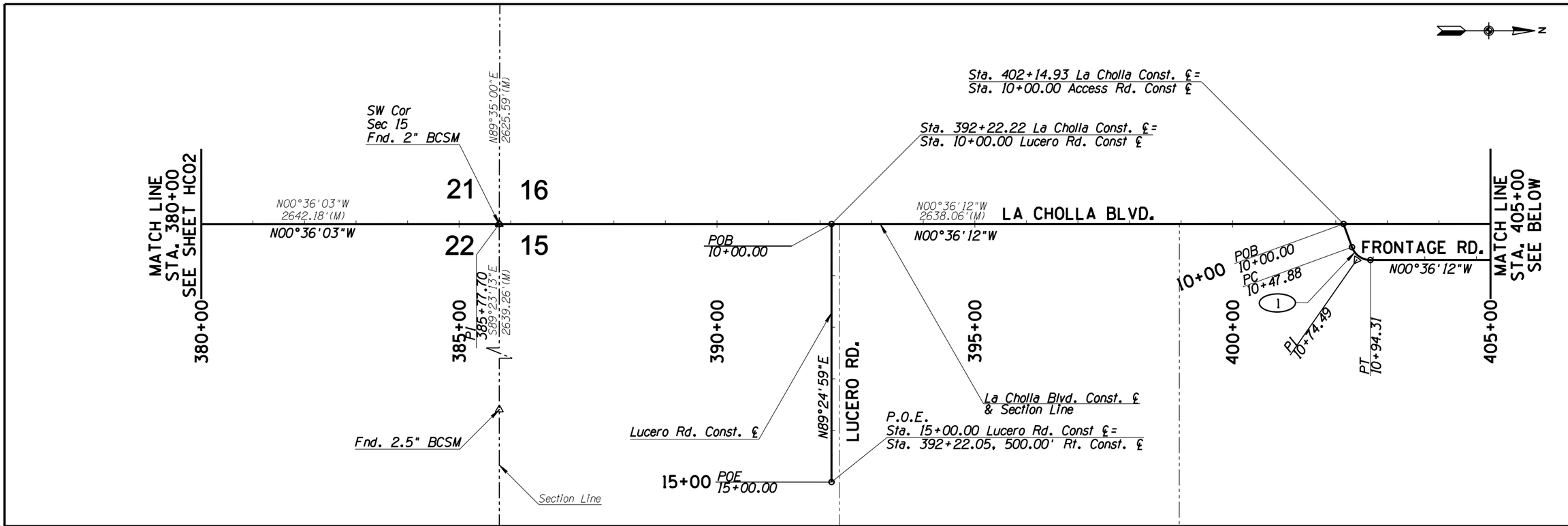
eric_sibson



CURVE DATA TABLE				
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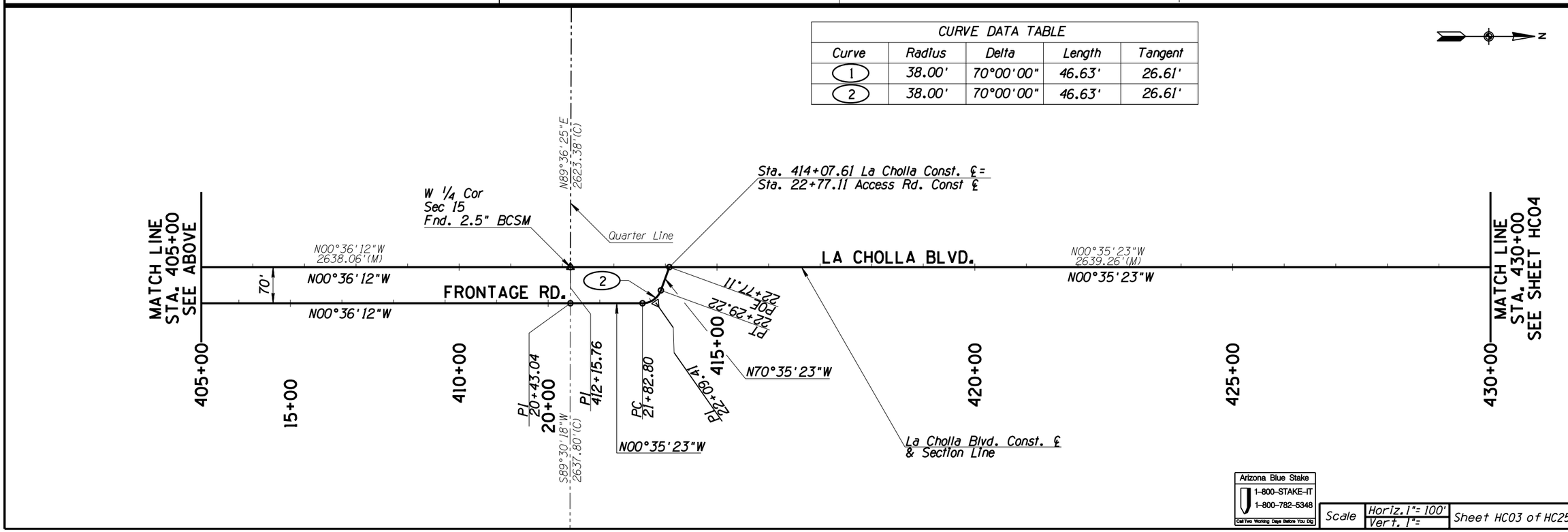

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 100'	Sheet HC03 of HC25	Page 17 of 89
	Vert. 1"=		

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL GEOMETRIC CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 380+00 TO STA. 430+00
PROJECT NO. 4RTLTM

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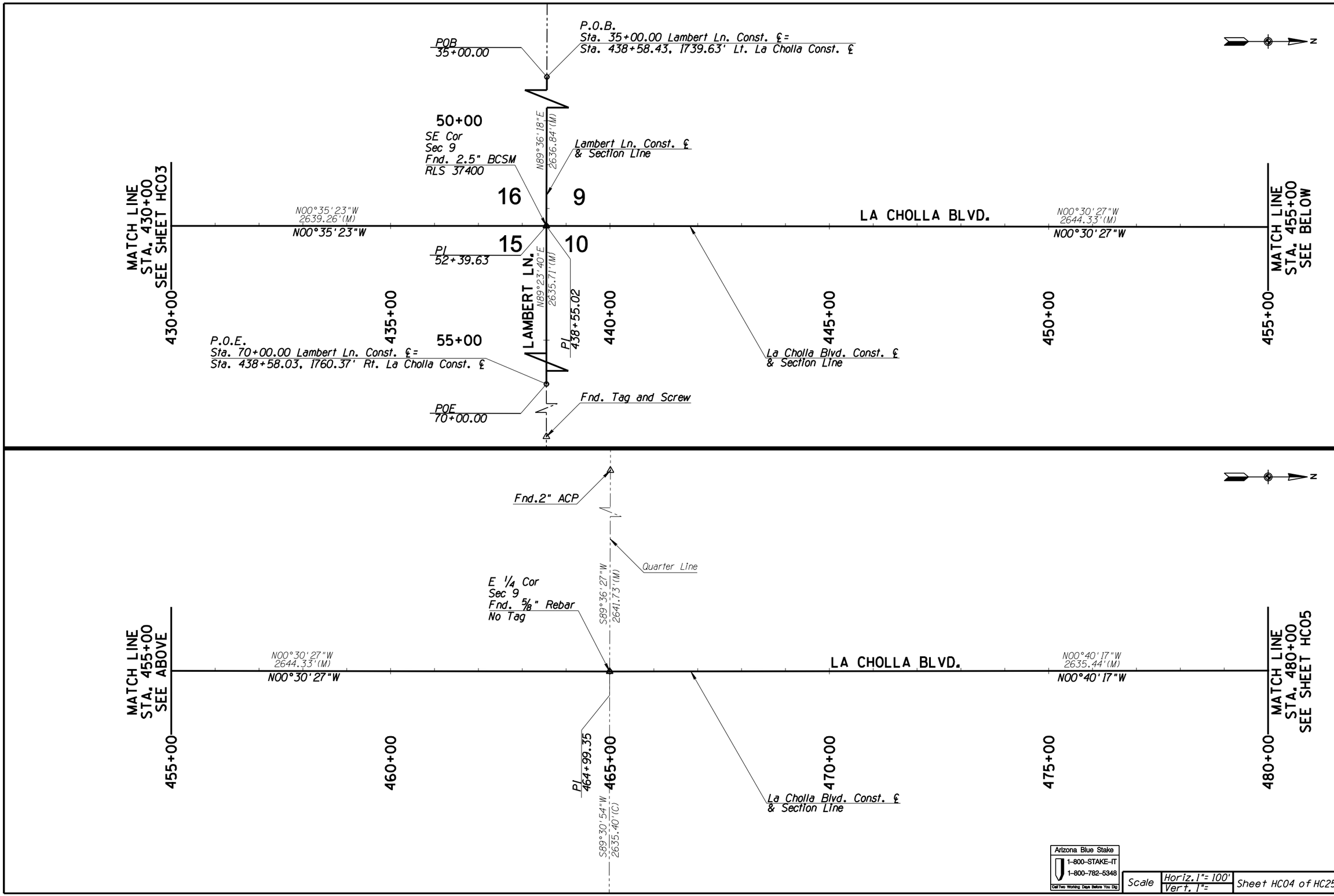
eric.sibson



Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 100'	Sheet HC04 of HC25	Page 18 of 89
	Vert. 1"=		

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL GEOMETRIC CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 430+00 TO STA. 480+00
PROJECT NO. 4RTLTM

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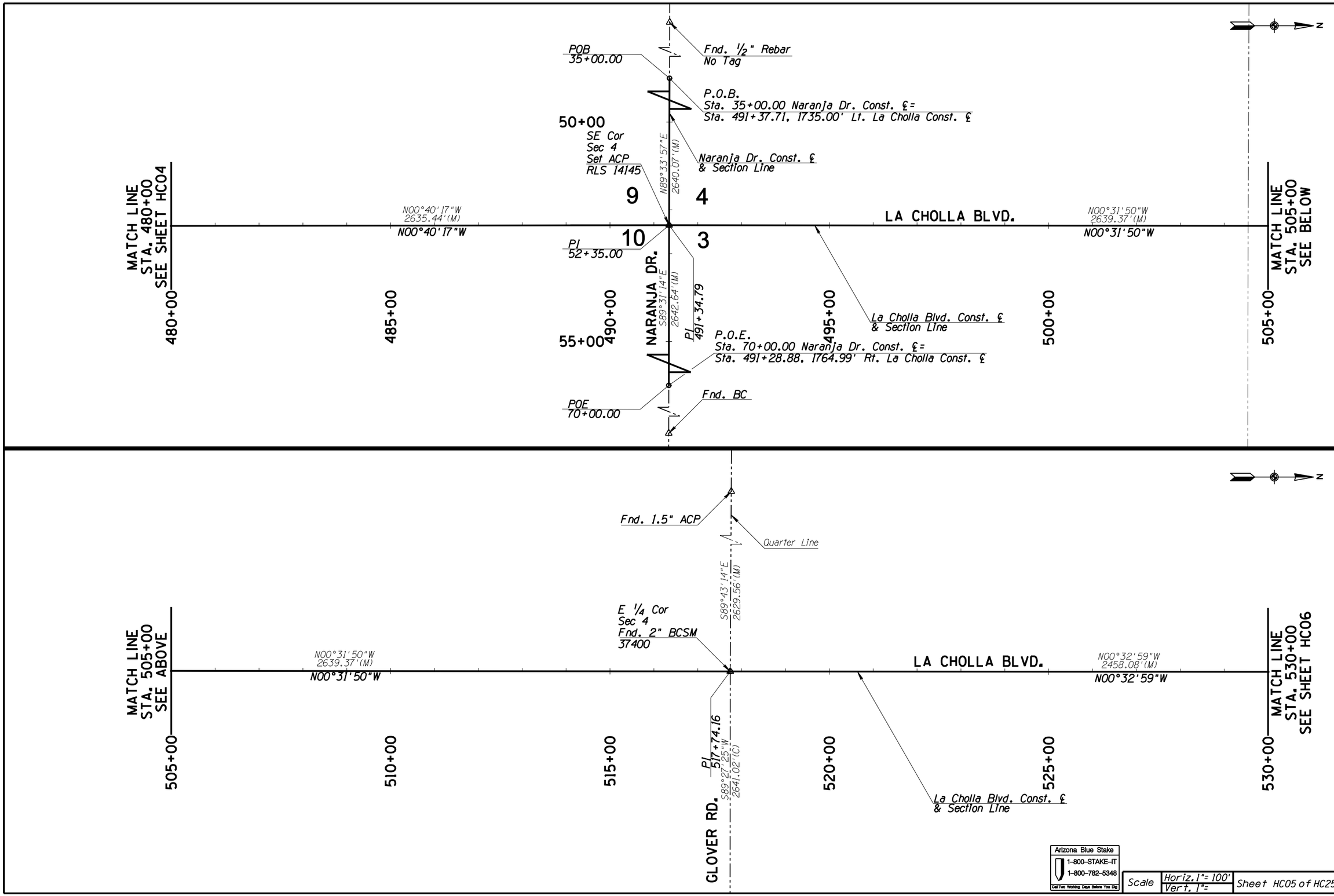
eric_sibson



Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 100'	Sheet HC05 of HC25	Page 19 of 89
	Vert. 1"=		

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL GEOMETRIC CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 480+00 TO STA. 530+00
PROJECT NO. 4RTLTM

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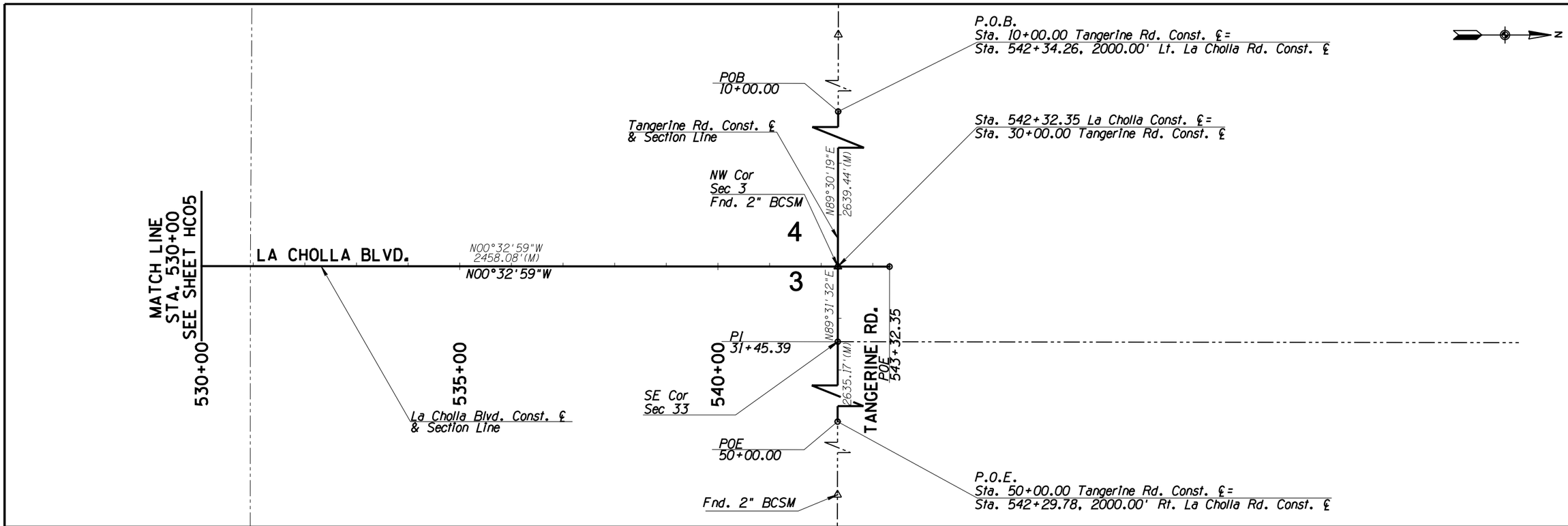
eric_sibson



Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

HORIZONTAL GEOMETRIC CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 530+00 TO STA. 543+32.35
PROJECT NO. 4RTLTM

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Scale	Horiz. 1"= 100'	Sheet HC06 of HC25	Page 20 of 89
	Vert. 1"=		

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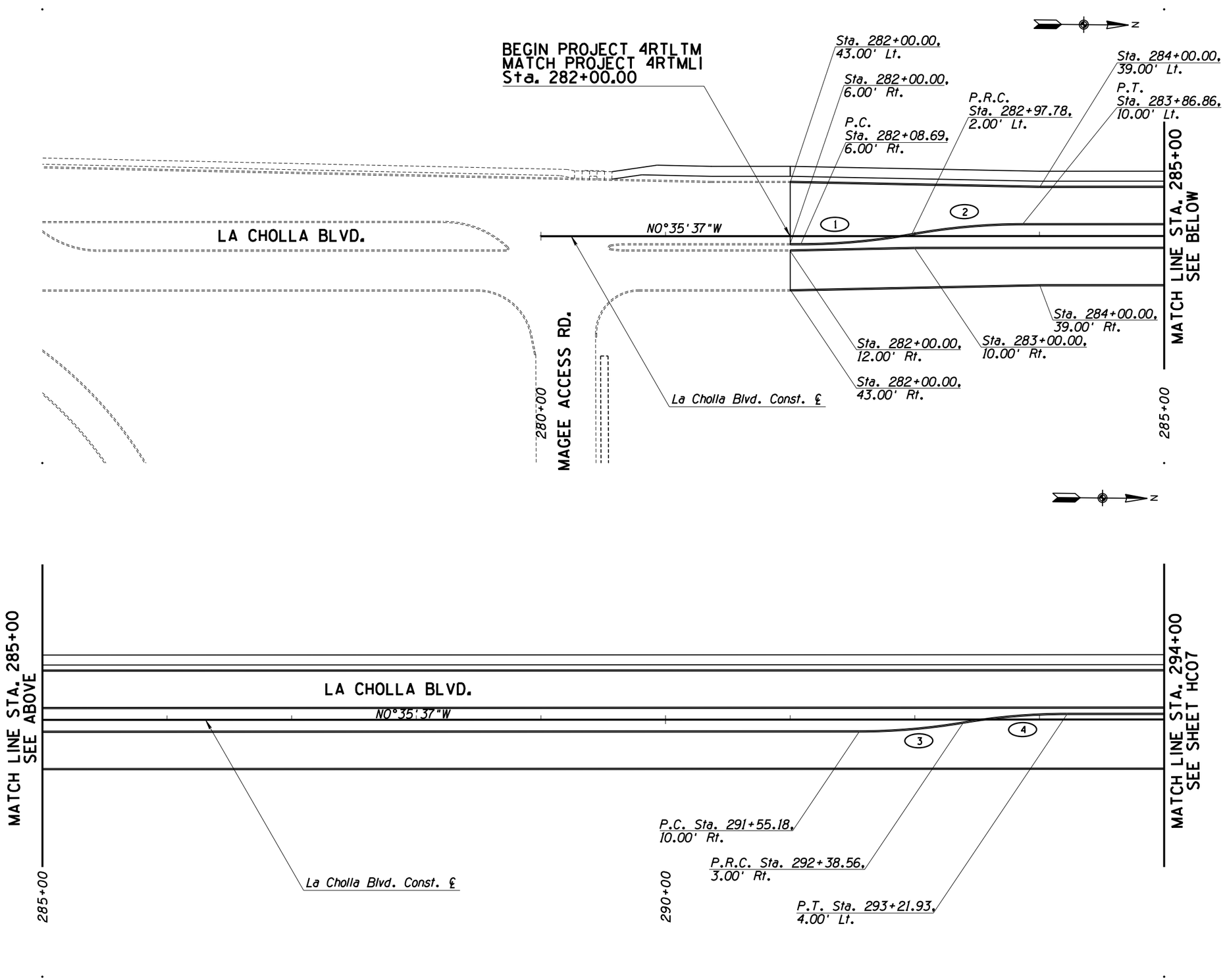
eric_sibson



CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	500.00'	10°15'47"	89.56'	44.90'
2	500.00'	10°15'47"	89.56'	44.90'
3	500.00'	9°35'97"	83.77'	41.98'
4	500.00'	9°35'55"	83.76'	41.98'

Notes:

1. Stations & Offsets are to Face of Curb

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet HC07 of HC25

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date
△			
△			
△			
△			
△			

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 282+00 TO STA. 294+00
PROJECT NO. 4RTLTM

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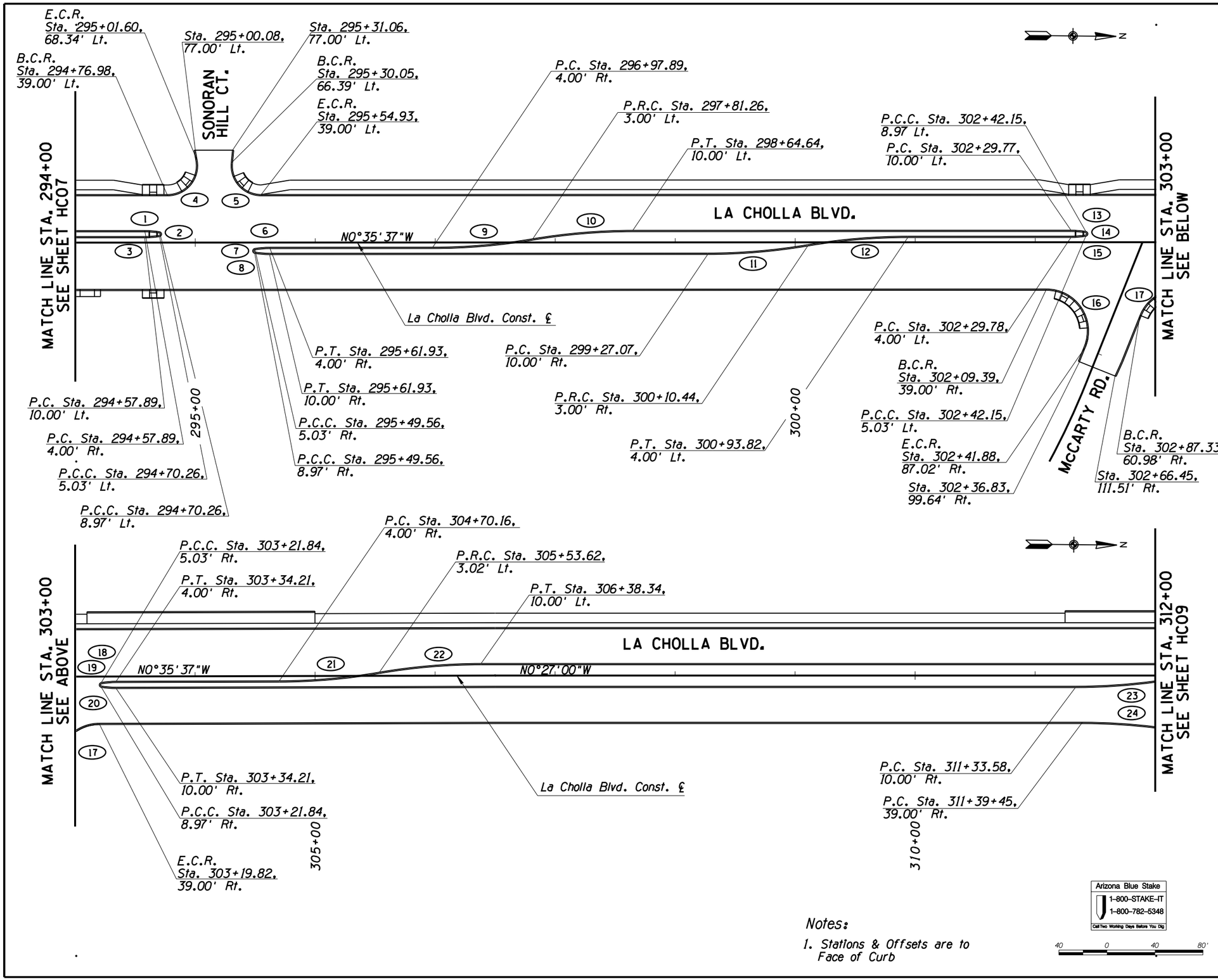
eric_sibson



Notes:

1. Stations & Offsets are to Face of Curb

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
21	500.00'	9°36'34"	83.86'	42.03'
22	500.00'	9°45'10"	85.11'	42.66'
23	500.00'	9°35'55"	83.76'	41.98'
24	500.00'	8°53'06"	77.54'	38.85'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	500.00'	9°35'55"	83.76'	41.98'
2	500.00'	9°35'55"	83.76'	41.98'
3	75.00'	9°29'42"	12.43'	6.23'
4	2.00'	161°00'39"	5.62'	11.96'
5	75.00'	9°29'40"	12.43'	6.23'
6	35.00'	111°49'55"	68.31'	51.73'
7	35.00'	68°10'05"	41.64'	23.68'
8	75.00'	9°29'42"	12.43'	6.23'
9	2.00'	161°00'39"	5.62'	11.96'
10	75.00'	9°29'40"	12.43'	6.23'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
11	75.00'	9°29'42"	12.43'	6.23'
12	2.00'	161°00'39"	5.62'	11.96'
13	75.00'	9°29'40"	12.43'	6.23'
14	25.00'	100°00'25"	43.64'	29.80'
15	25.00'	95°29'03"	41.66'	27.52'
16	75.00'	9°29'42"	12.43'	6.23'
17	2.00'	161°00'39"	5.62'	11.96'
18	75.00'	9°29'40"	12.43'	6.23'
19	500.00'	9°35'55"	83.76'	41.98'
20	500.00'	9°35'55"	83.76'	41.98'

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			
5			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 294+00 TO STA. 312+00
PROJECT NO. 4RTL TM

Scale: Horiz. 1"= 40, Vert. 1"= 4

Sheet HC08 of HC25

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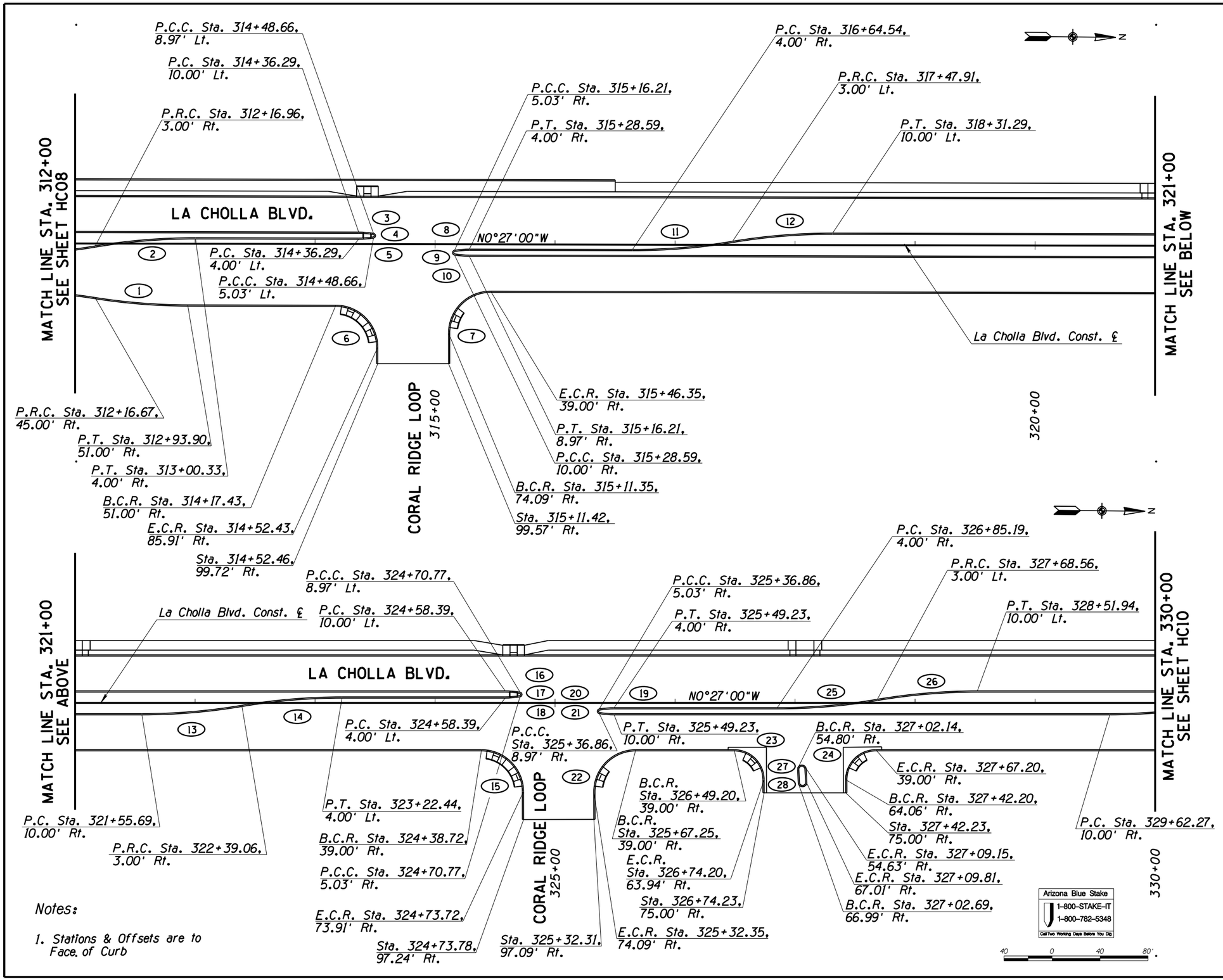
eric_sibson



Notes:

1. Stations & Offsets are to Face of Curb

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
21	75.00'	9°29'40"	12.43'	6.23'
22	35.00'	90°08'36"	55.07'	35.09'
23	25.00'	89°51'24"	39.21'	24.94'
24	25.00'	90°08'36"	39.33'	25.06'
25	500.00'	9°35'56"	83.77'	41.98'
26	500.00'	9°35'55"	83.76'	41.98'
27	3.58'	156°29'31"	9.77'	17.20'
28	3.67'	151°33'10"	9.71'	14.49'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
11	500.00'	9°35'55"	83.76'	41.98'
12	500.00'	9°35'55"	83.76'	41.98'
13	500.00'	9°35'55"	83.76'	41.98'
14	500.00'	9°35'56"	83.77'	41.98'
15	35.00'	89°51'24"	54.89'	34.91'
16	75.00'	9°29'40"	12.43'	6.23'
17	2.00'	161°00'39"	5.62'	11.96'
18	75.00'	9°29'40"	12.43'	6.23'
19	75.00'	9°29'40"	12.43'	6.23'
20	2.00'	161°00'39"	5.62'	11.96'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	500.00'	8°53'06"	77.54'	38.85'
2	500.00'	9°35'55"	83.76'	41.98'
3	75.00'	9°29'40"	12.43'	6.23'
4	2.00'	161°00'39"	5.62'	11.96'
5	75.00'	9°29'42"	12.43'	6.23'
6	35.00'	89°51'24"	54.89'	34.91'
7	35.00'	90°08'36"	55.07'	35.09'
8	75.00'	9°29'40"	12.43'	6.23'
9	2.00'	161°00'39"	5.62'	11.96'
10	75.00'	9°29'42"	12.43'	6.23'

Priscilla S. Cornelio P.E., Director

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 312+00 TO STA. 330+00
PROJECT NO. 4RTLTM

Scale: Horiz. 1"= 40 / Vert. 1"= 4

Sheet HC09 of HC25

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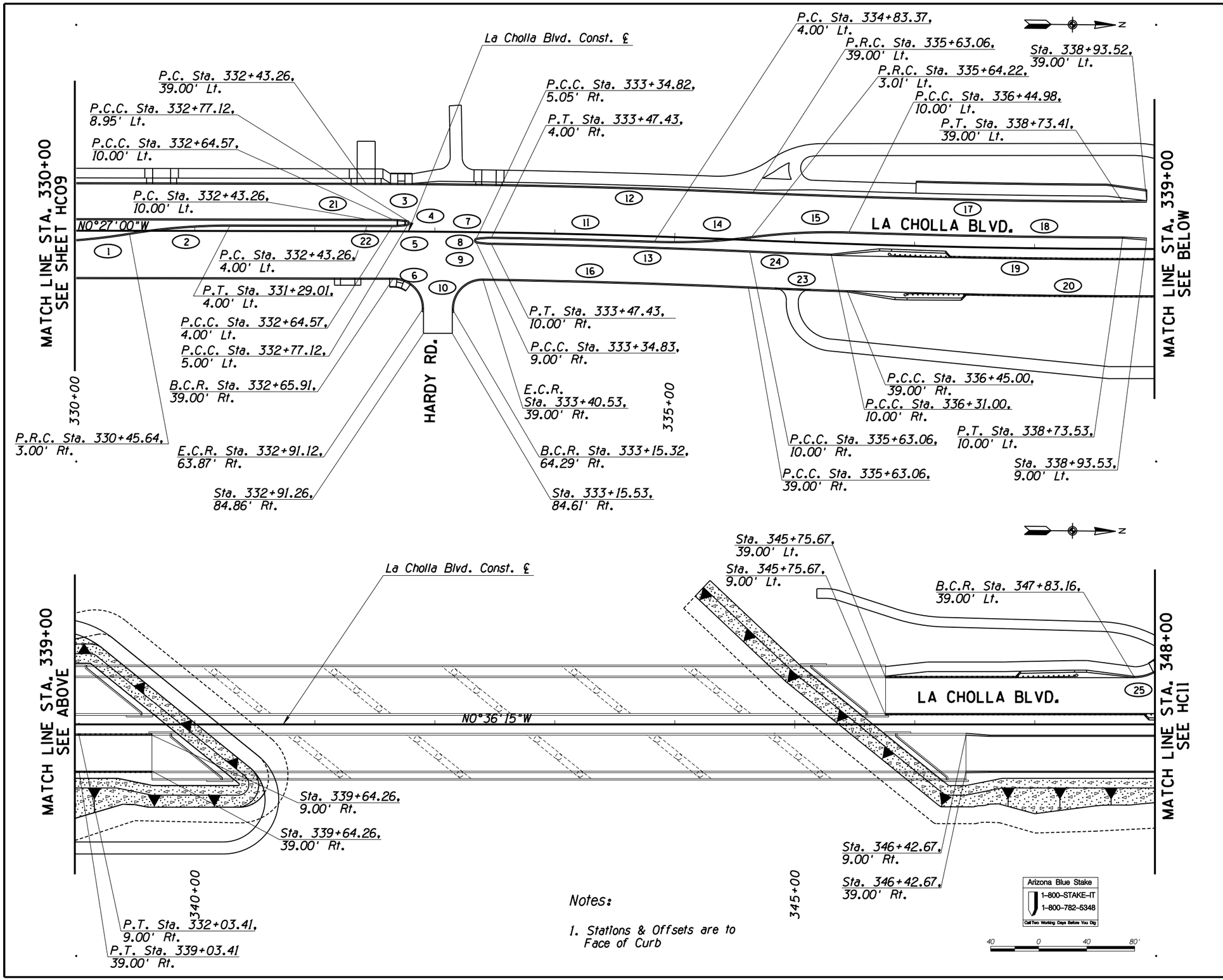
eric_sibson



Notes:

1. Stations & Offsets are to Face of Curb

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
21	7649.44'	0°09'35"	21.33'	10.67'
22	7643.44'	0°09'35"	21.32'	10.66'
23	7678.44'	0°36'52"	82.35'	41.18'
24	7649.44'	0°30'34"	68.02'	34.01'
25	35.00'	89°59'52"	54.98'	35.00'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
11	7635.44'	1°01'10"	135.87'	67.94'
12	7678.44'	2°23'55"	321.43'	160.74'
13	7629.44'	1°37'02"	215.36'	107.69'
14	500.00'	9°18'31"	81.23'	40.71'
15	500.00'	9°17'31"	81.09'	40.63'
16	7600.44'	1°45'10"	232.50'	116.26'
17	7600.44'	2°19'39"	308.76'	154.40'
18	7629.44'	1°42'51"	228.25'	114.13'
19	7648.44'	1°18'02"	173.62'	86.81'
20	7678.44'	1°11'44"	160.23'	80.12'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	500.00'	9°35'55"	83.76'	41.98'
2	500.00'	9°35'56"	83.77'	41.98'
3	75.00'	9°38'49"	12.63'	6.33'
4	2.00'	161°00'32"	5.62'	11.96'
5	75.00'	9°38'05"	12.61'	6.32'
6	25.00'	89°48'27"	39.19'	24.92'
7	75.00'	9°40'06"	12.66'	6.34'
8	2.00'	161°00'29"	5.62'	11.96'
9	75.00'	9°39'17"	12.64'	6.33'
10	25.00'	90°45'08"	39.60'	25.33'

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date
1			
2			
3			
4			
5			

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 330+00 TO STA. 348+00
PROJECT NO. 4RTLTM

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet HC10 of HC25

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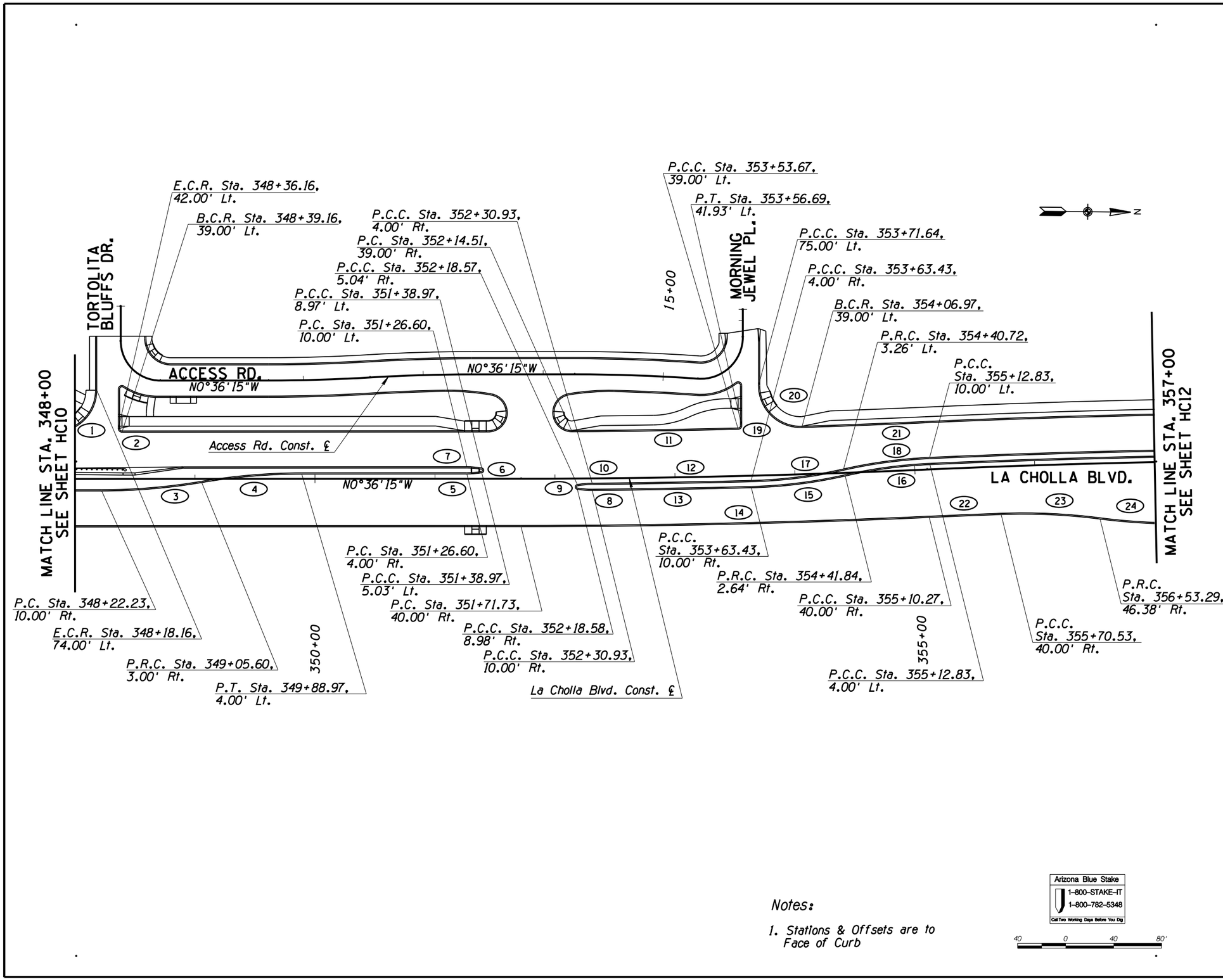
eric_sibson



Notes:

1. Stations & Offsets are to Face of Curb

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	35.00'	89°59'52"	54.98'	35.00'
2	3.00'	90°00'08"	4.71'	3.00'
3	500.00'	9°35'56"	83.77'	41.98'
4	500.00'	9°35'55"	83.76'	41.98'
5	75.00'	9°29'40"	12.43'	6.23'
6	2.00'	161°00'39"	5.62'	11.96'
7	75.00'	9°29'48"	12.43'	6.23'
8	75.00'	9°29'40"	12.43'	6.23'
9	2.00'	161°00'39"	5.62'	11.96'
10	75.00'	9°29'40"	12.43'	6.23'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
11	7600.44'	1°02'37"	138.45'	69.23'
12	7643.44'	0°59'37"	132.56'	66.28'
13	7649.44'	0°59'37"	132.67'	66.34'
14	7678.44'	2°32'21"	340.27'	170.16'
15	400.00'	11°18'29"	78.95'	39.60'
16	400.00'	10°13'34"	71.39'	35.79'
17	394.00'	11°18'29"	77.76'	39.01'
18	406.00'	10°13'34"	72.46'	36.33'
19	3.00'	88°38'01"	4.64'	2.93'
20	35.00'	91°45'58"	56.06'	36.10'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
21	7600.44'	0°46'29"	102.77'	51.39'
22	7600.44'	0°27'07"	59.96'	29.98'
23	500.00'	9°29'17"	82.80'	41.49'
24	500.00'	8°19'13"	72.61'	36.37'

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

Priscilla S. Cornelio P.E., Director

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

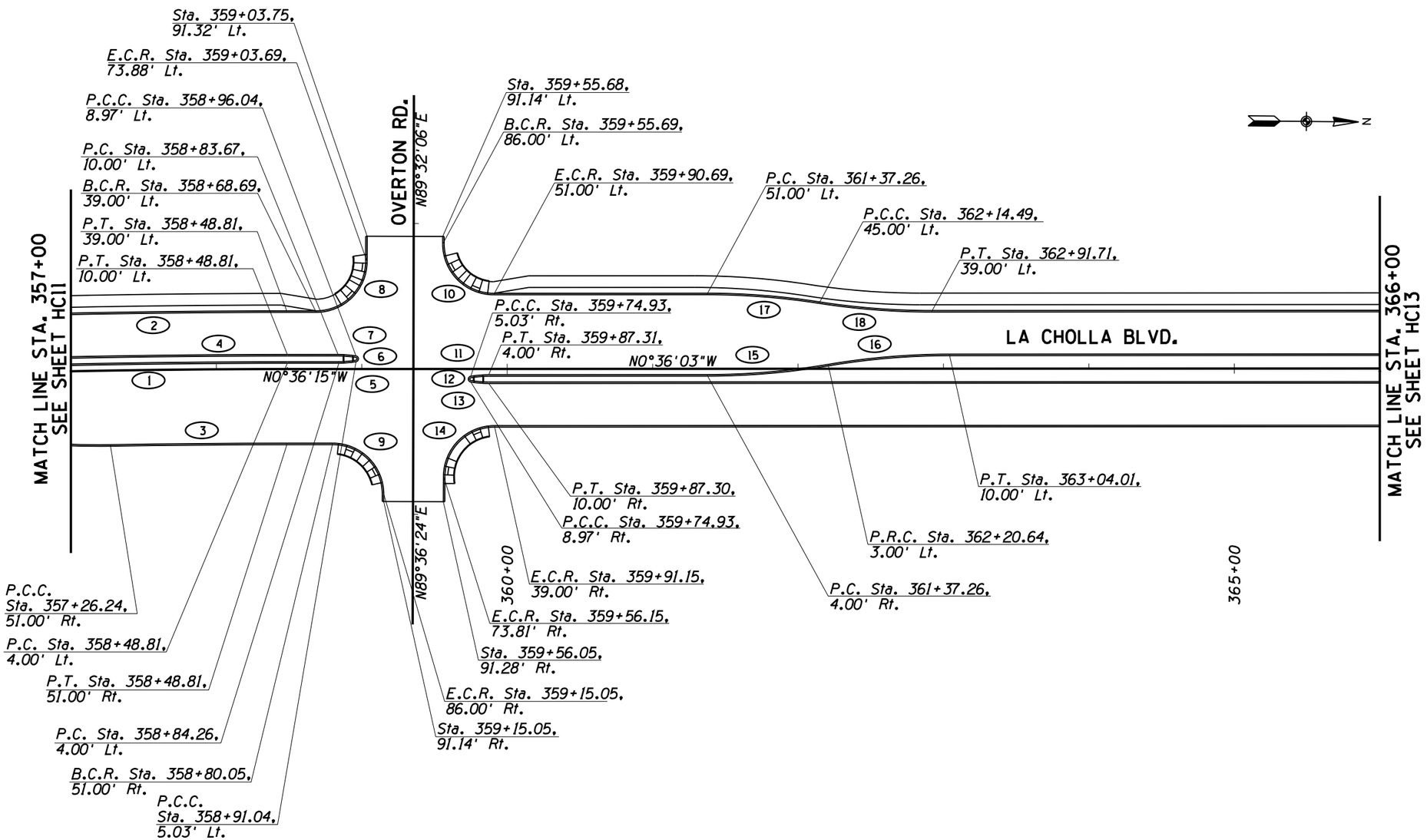
HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 348+00 TO STA. 357+00
PROJECT NO. 4RTLTM

Scale: Horiz. 1"= 40, Vert. 1"= 4

Sheet HC11 of HC25

P:\PCDOT\24096890\Cadd\Sheets\4RTLTM_hc11.dgn 4/26/2010 8:17:19 AM

eric_sibson



CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	7643.44'	2°31'12"	336.16'	168.11'
2	7678.44'	2°32'21"	340.27'	170.16'
3	7588.44'	0°55'10"	121.76'	60.88'
4	7649.44'	2°31'12"	336.42'	168.24'
5	75.00'	9°02'51"	11.84'	5.93'
6	2.00'	161°00'39"	5.62'	11.96'
7	75.00'	9°29'44"	12.43'	6.23'
8	35.00'	89°47'53"	54.85'	34.88'
9	35.00'	90°00'00"	54.98'	35.00'
10	35.00'	89°59'48"	54.98'	35.00'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
11	75.00'	9°30'04"	12.44'	6.23'
12	2.00'	161°00'39"	5.62'	11.96'
13	75.00'	9°29'40"	12.43'	6.23'
14	35.00'	89°41'04"	54.79'	34.81'
15	500.00'	9°35'56"	83.77'	41.98'
16	500.00'	9°35'55"	83.76'	41.98'
17	500.00'	8°53'05"	77.53'	38.85'
18	500.00'	11°27'33"	77.54'	38.85'

Notes:

1. Stations & Offsets are to Face of Curb

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40	Sheet HC12 of HC25	Page 26 of 89
	Vert. 1"= 4		

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 357+00 TO STA. 366+00
PROJECT NO. 4RTLTM

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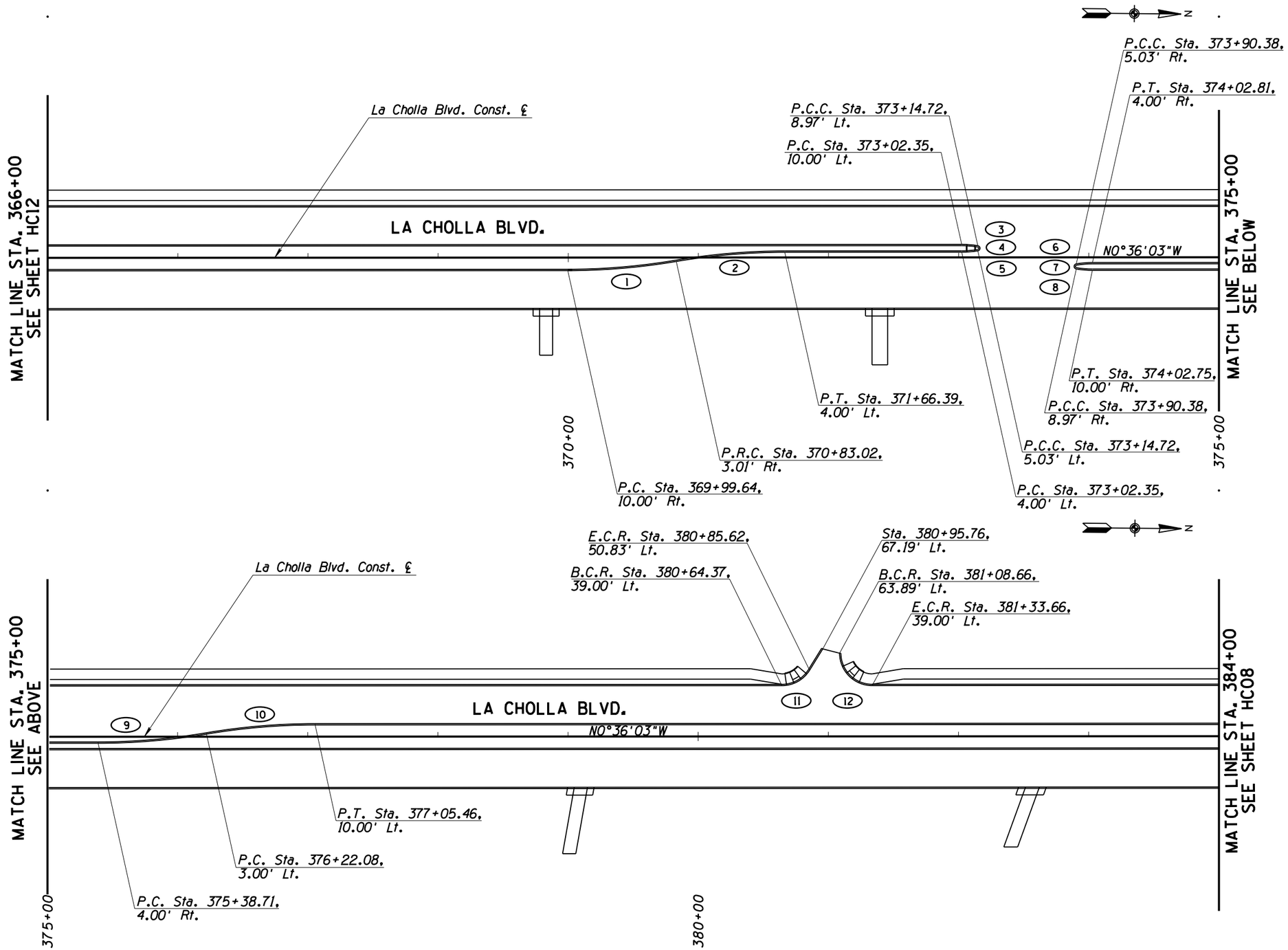

CURVE DATA TABLE			
Curve	Radius	Delta	Length	Tangent
11	25.00'	58°13'07"	25.40'	13.92'
12	25.00'	89°44'46"	39.16'	24.89'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	500.00'	9°35'56"	83.77'	41.98'
2	500.00'	9°35'55"	83.76'	41.98'
3	75.00'	9°29'40"	12.43'	6.23'
4	2.00'	161°00'39"	5.62'	11.96'
5	75.00'	9°29'48"	12.43'	6.23'
6	75.00'	9°32'13"	12.48'	6.26'
7	2.00'	161°00'39"	5.62'	11.96'
8	75.00'	9°29'37"	12.43'	6.23'
9	500.00'	9°35'55"	83.76'	41.98'
10	500.00'	9°35'56"	83.77'	41.98'

Notes:

1. Stations & Offsets are to Face of Curb

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Priscilla S. Cornelio P.E., Director

Pima County Department of Transportation

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 366+00 TO STA. 384+00
PROJECT NO. 4RTLTM

Scale Horiz. 1"= 40 Vert. 1"= 4 | Sheet HC13 of HC25 | Page 27 of 89

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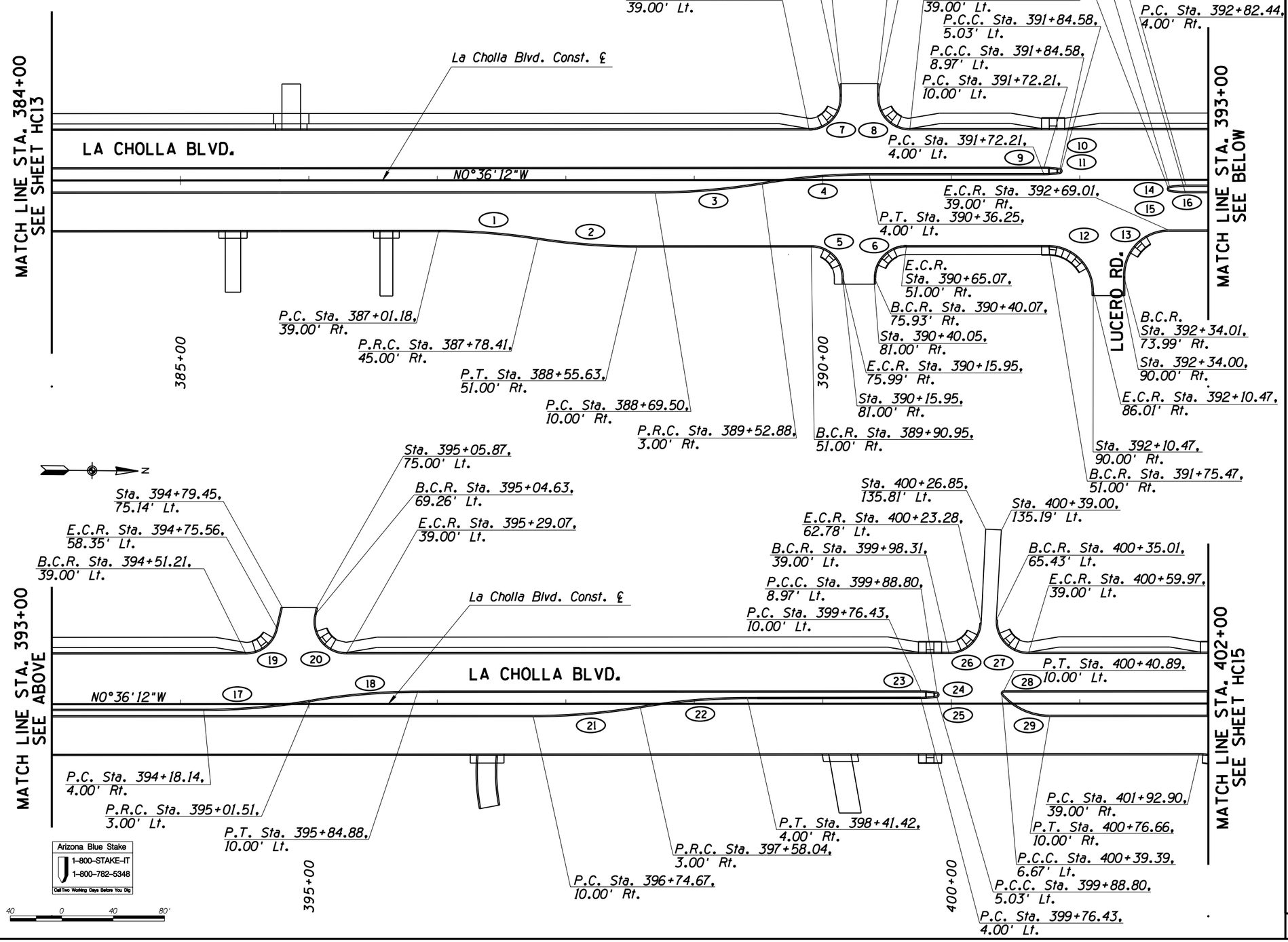
eric_sibson

Notes:

1. Stations & Offsets are to Face of Curb



CURVE DATA TABLE			
Curve	Radius	Delta	Length	Tangent
21	500.00'	9°35'55"	83.76'	41.98'
22	500.00'	9°35'55"	83.76'	41.98'
23	75.00'	9°29'40"	12.43'	6.23'
24	2.00'	161°00'39"	5.62'	11.96'
25	75.00'	9°29'48"	12.43'	6.23'
26	25.00'	87°12'13"	38.05'	23.81'
27	25.00'	93°16'37"	40.70'	26.47'
28	2.00'	131°48'38"	4.60'	4.47'
29	50.00'	48°11'23"	42.05'	22.36'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
11	75.00'	9°29'44"	12.43'	6.23'
12	35.00'	90°01'11"	54.99'	35.01'
13	35.00'	89°58'49"	54.97'	34.99'
14	75.00'	9°41'54"	12.70'	6.36'
15	2.00'	161°00'32"	5.62'	11.96'
16	75.00'	9°29'41"	12.43'	6.23'
17	500.00'	9°35'55"	83.76'	41.98'
18	500.00'	9°35'55"	83.76'	41.98'
19	25.00'	76°56'58"	33.58'	19.87'
20	25.00'	102°08'50"	44.57'	30.95'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	500.00'	8°53'07"	77.54'	38.85'
2	500.00'	8°53'06"	77.54'	38.85'
3	500.00'	9°35'57"	83.77'	41.98'
4	500.00'	9°35'55"	83.76'	41.98'
5	25.00'	89°58'21"	39.26'	24.99'
6	25.00'	89°49'51"	39.20'	24.93'
7	25.00'	89°59'25"	39.27'	25.00'
8	25.00'	90°00'35"	39.27'	25.00'
9	75.00'	9°29'44"	12.43'	6.23'
10	2.00'	161°00'39"	5.62'	11.96'

Scale: Horiz. 1"= 40; Vert. 1"= 4

Sheet HC14 of HC25

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 384+00 TO STA. 402+00
PROJECT NO. 4RTLTM

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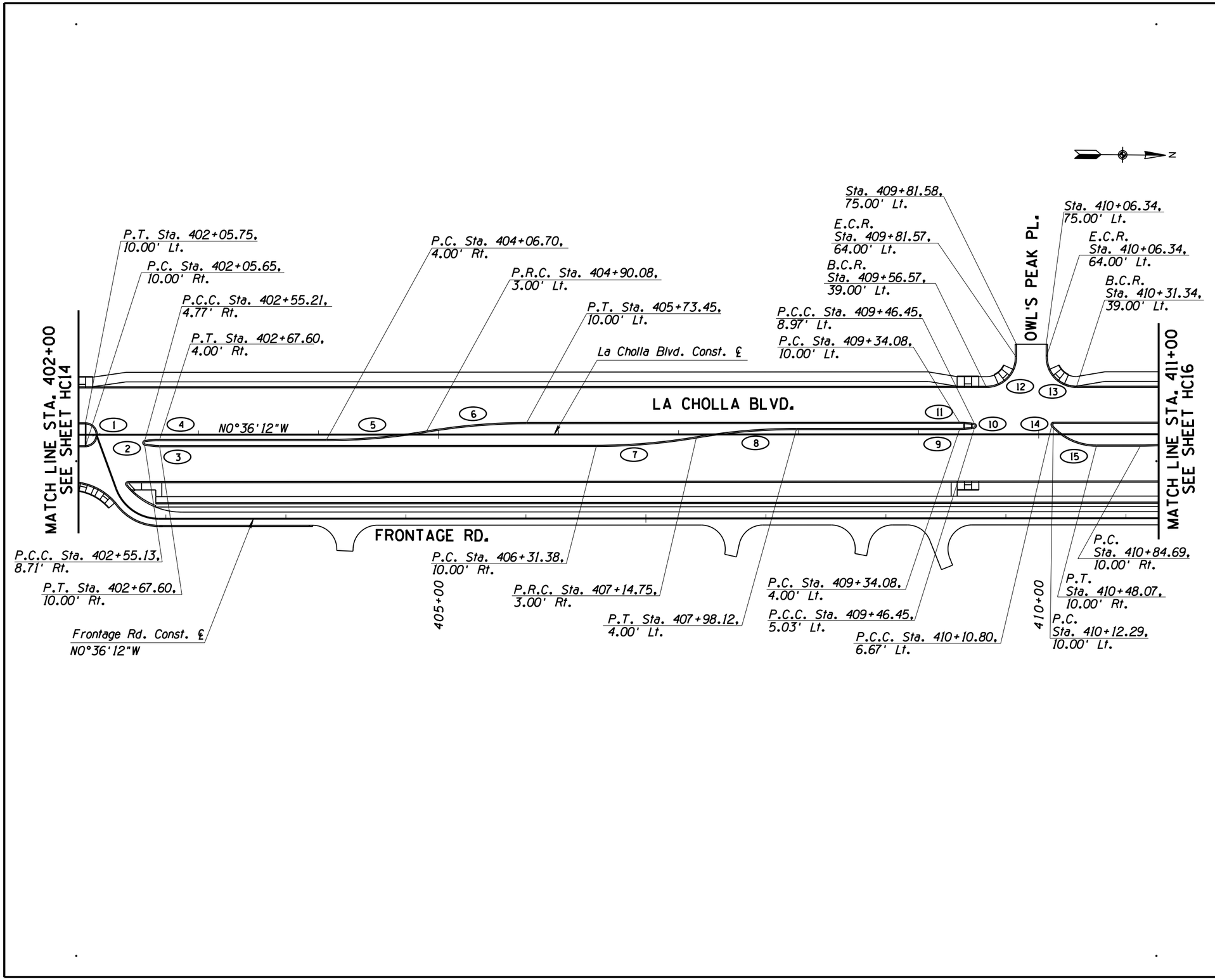

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
11	75.00'	9°29'40"	12.43'	6.23'
12	25.00'	89°59'25"	39.27'	25.00'
13	25.00'	90°00'35"	39.27'	25.00'
14	2.00'	131°48'37"	4.60'	4.47'
15	50.00'	48°11'23"	42.05'	22.36'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	10.00'	179°23'48"	31.31'	1899.60'
2	2.00'	161°00'39"	5.62'	11.96'
3	75.00'	9°29'48"	12.43'	6.23'
4	75.00'	9°29'40"	12.43'	6.23'
5	500.00'	9°35'55"	83.76'	41.98'
6	500.00'	9°35'55"	83.76'	41.98'
7	500.00'	9°35'55"	83.76'	41.98'
8	500.00'	9°35'55"	83.76'	41.98'
9	75.00'	9°29'48"	12.43'	6.23'
10	2.00'	161°00'39"	5.62'	11.96'

Notes:

1. Stations & Offsets are to Face of Curb

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale: Horiz. 1"= 40 / Vert. 1"= 4

Sheet HC15 of HC25

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 402+00 TO STA. 411+00
PROJECT NO. 4RTLTM

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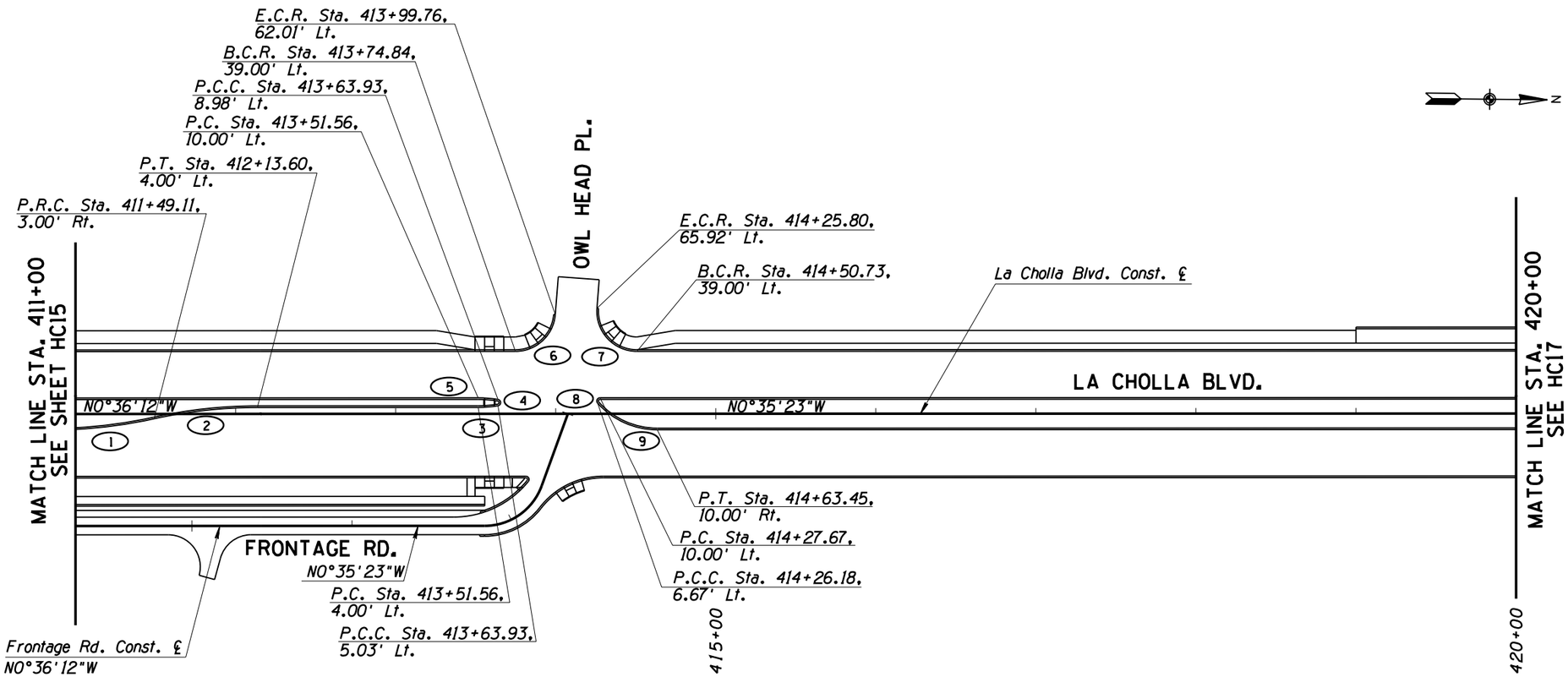

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	300.00'	12°24'02"	64.93'	32.59'
2	300.00'	12°24'49"	65.00'	32.63'
3	75.00'	9°29'48"	12.43'	6.23'
4	2.00'	161°00'39"	5.62'	11.96'
5	75.00'	9°29'40"	12.43'	6.23'
6	25.00'	85°26'13"	37.28'	23.08'
7	25.00'	94°23'51"	41.19'	27.00'
8	2.00'	131°48'37"	4.60'	4.47'
9	50.00'	48°11'23"	42.05'	22.36'

Notes:

1. Stations & Offsets are to Face of Curb

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet HC16 of HC25

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date
△			
△			
△			
△			

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 411+00 TO STA. 420+00
PROJECT NO. 4RTLTM

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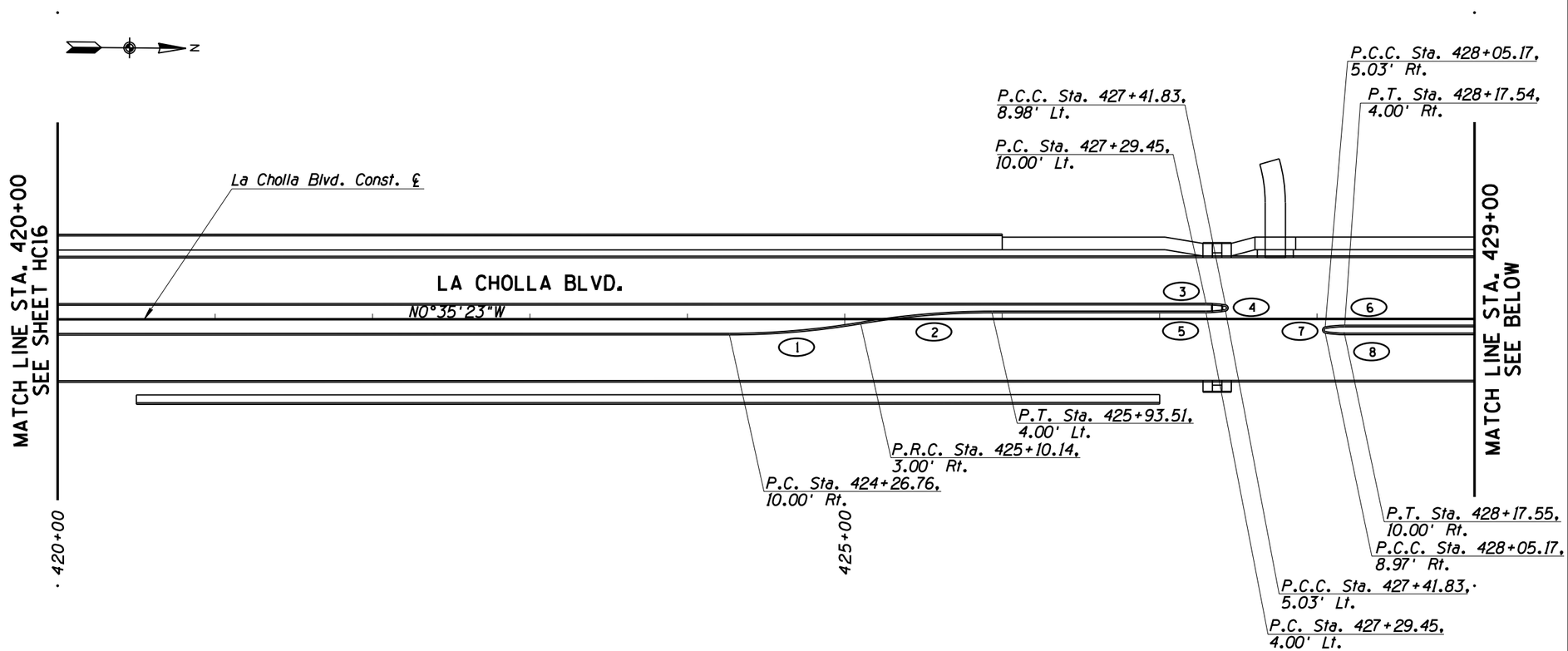

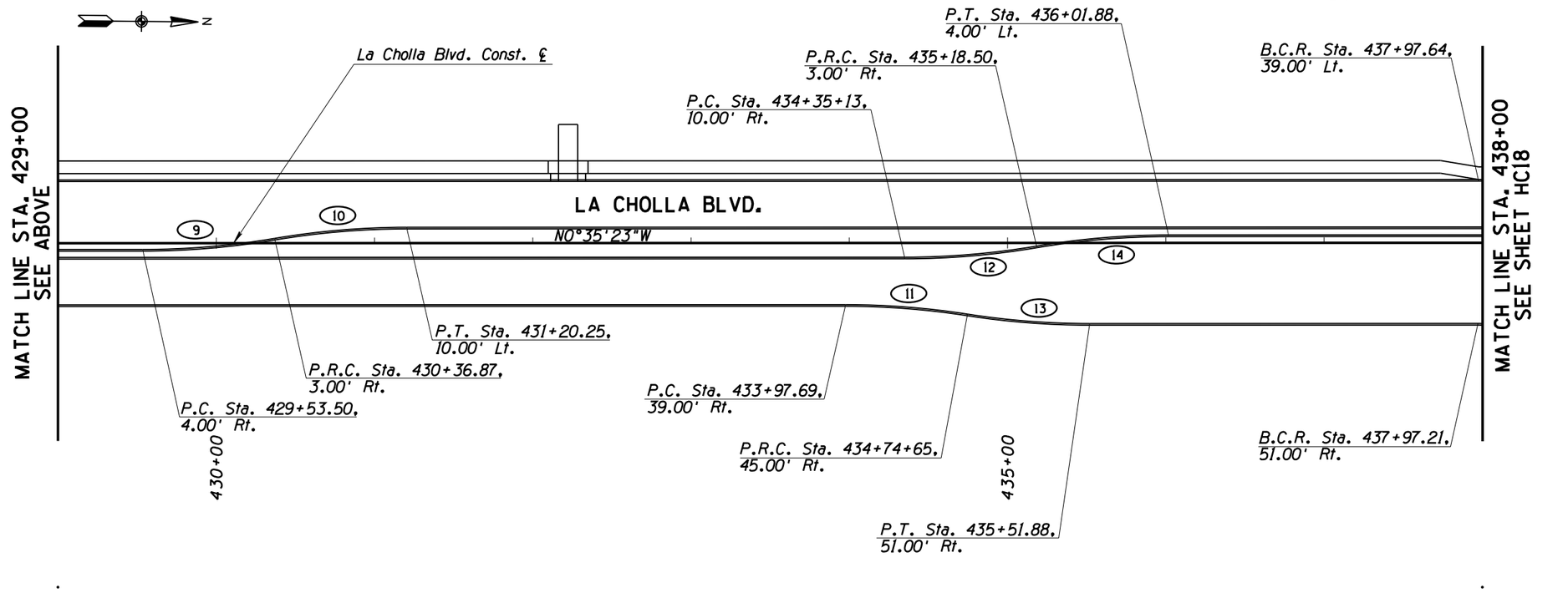

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
11	500.00'	8°51'18"	77.27'	38.71'
12	500.00'	9°35'57"	83.77'	41.98'
13	500.00'	8°53'06"	77.54'	38.85'
14	500.00'	9°35'55"	83.76'	41.98'

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
1	500.00'	9°35'57"	83.77'	41.98'
2	500.00'	9°35'55"	83.76'	41.98'
3	75.00'	9°29'40"	12.43'	6.23'
4	2.00'	161°00'39"	5.62'	11.96'
5	75.00'	9°29'48"	12.43'	6.23'
6	75.00'	9°29'40"	12.43'	6.23'
7	2.00'	161°00'39"	5.62'	11.96'
8	75.00'	9°29'48"	12.43'	6.23'
9	500.00'	9°35'55"	83.76'	41.98'
10	500.00'	9°35'55"	83.76'	41.98'

Notes:

1. Stations & Offsets are to Face of Curb

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet HC17 of HC25

Page 31 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 420+00 TO STA. 438+00
PROJECT NO. 4RTLTM

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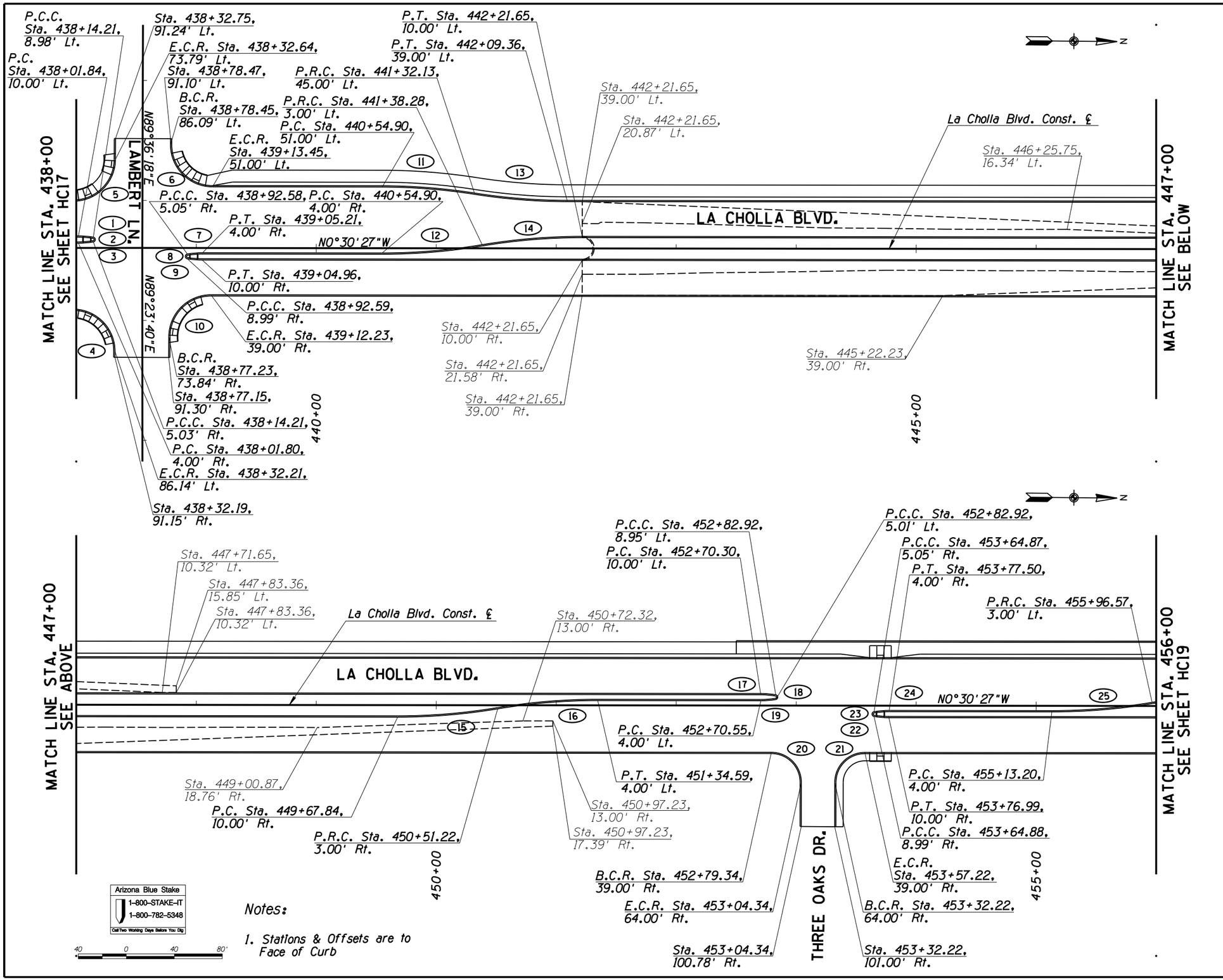

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
21	25.00'	90°00'00"	39.27'	25.00'
22	75.00'	9°29'26"	12.42'	6.23'
23	2.00'	161°00'40"	5.62'	11.96'
24	75.00'	9°41'32"	12.69'	6.36'
25	500.00'	9°35'55"	83.76'	41.98'

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
11	500.00'	8°53'08"	77.54'	38.85'
12	500.00'	9°35'55"	83.76'	41.98'
13	500.00'	8°53'06"	77.54'	38.85'
14	500.00'	9°35'56"	83.77'	41.98'
15	500.00'	9°35'55"	83.76'	41.98'
16	500.00'	9°35'55"	83.76'	41.98'
17	75.00'	9°41'32"	12.69'	6.36'
18	2.00'	161°00'40"	5.62'	11.96'
19	75.00'	9°29'26"	12.42'	6.23'
20	25.00'	90°00'00"	39.27'	25.00'

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
1	75.00'	9°29'38"	12.43'	6.23'
2	2.00'	161°00'39"	5.62'	11.96'
3	75.00'	9°31'26"	12.47'	6.25'
4	35.00'	90°13'32"	55.12'	35.14'
5	35.00'	89°39'24"	54.77'	34.79'
6	35.00'	90°08'36"	55.07'	35.09'
7	75.00'	9°41'32"	12.69'	6.36'
8	2.00'	161°00'40"	5.62'	11.96'
9	75.00'	9°29'26"	12.42'	6.23'
10	35.00'	89°44'20"	54.82'	34.84'

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	

No.	Revision Description	Engineer	Date

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 438 TO STA. 456+00
PROJECT NO. 4RTLTM

Scale Horiz. 1"= 40 Vert. 1"= 4 | Sheet HC18 of HC25 | Page 32 of 89

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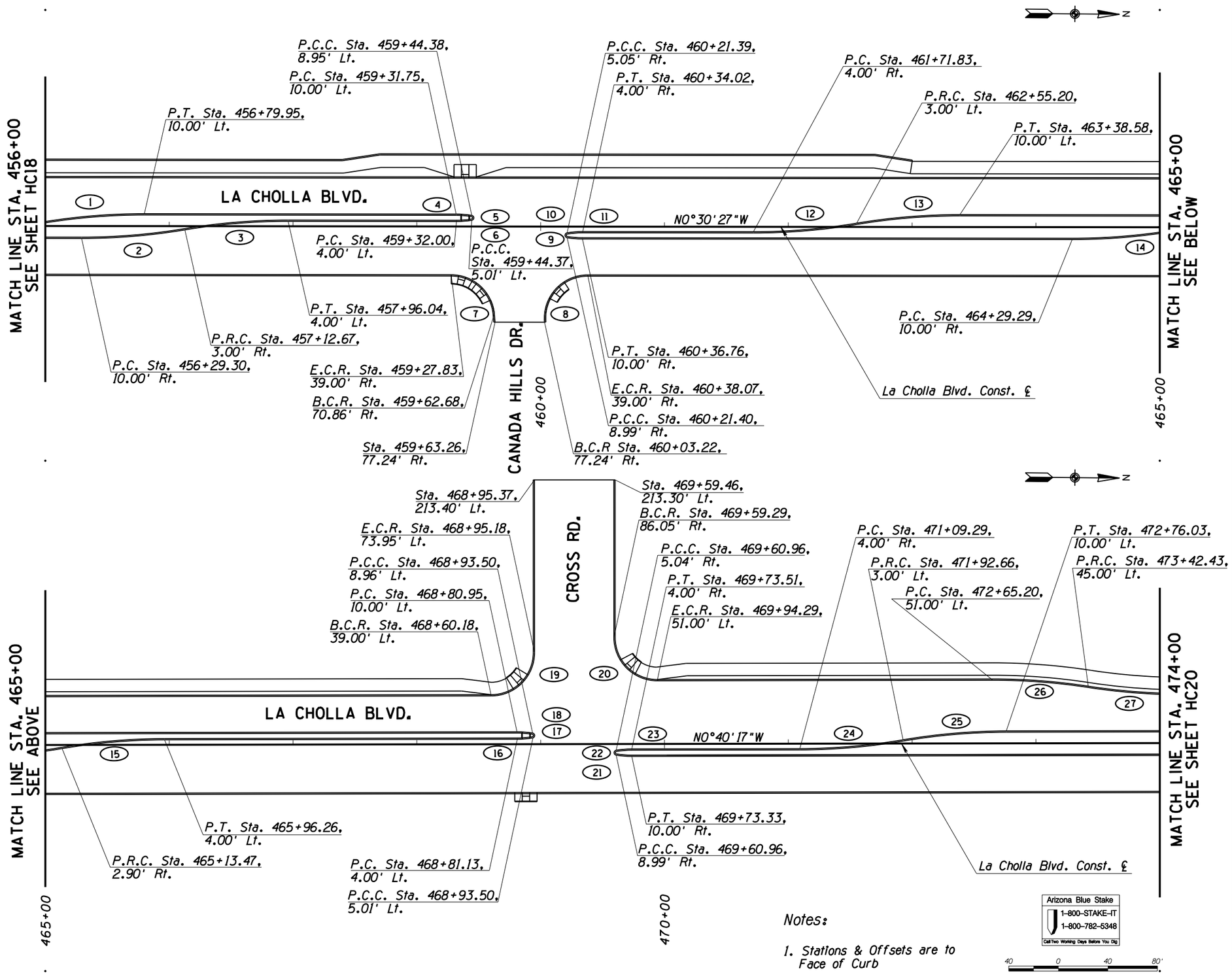

Notes:

1. Stations & Offsets are to Face of Curb

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
1	500.00'	9°35'55"	83.76'	41.98'
2	500.00'	9°35'55"	83.76'	41.98'
3	500.00'	9°35'55"	83.76'	41.98'
4	75.00'	9°41'32"	12.69'	6.36'
5	2.00'	161°00'40"	5.62'	11.96'
6	75.00'	9°29'26"	12.42'	6.23'
7	35.00'	84°50'56"	51.83'	31.99'
8	35.00'	95°19'06"	58.23'	38.41'
9	75.00'	9°29'26"	12.42'	6.23'
10	2.00'	161°00'40"	5.62'	11.96'

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
11	75.00'	9°41'32"	12.69'	6.36'
12	500.00'	9°35'56"	83.77'	41.98'
13	500.00'	9°35'55"	83.76'	41.98'
14	500.00'	9°41'39"	84.60'	42.40'
15	500.00'	9°31'49"	83.17'	41.68'
16	75.00'	9°29'30"	12.42'	6.23'
17	2.00'	161°00'39"	5.62'	11.96'
18	75.00'	9°37'54"	12.61'	6.32'
19	35.00'	89°55'19"	54.93'	34.95'
20	35.00'	90°04'41"	55.03'	35.05'

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
21	75.00'	9°29'30"	12.42'	6.23'
22	2.00'	161°00'39"	5.62'	11.96'
23	75.00'	9°37'54"	12.61'	6.32'
24	500.00'	9°35'55"	83.76'	41.98'
25	500.00'	9°35'55"	83.76'	41.98'
26	500.00'	8°53'07"	77.54'	38.85'
27	500.00'	8°53'07"	77.54'	38.85'

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BL VD.
MAGEE RD. TO TANGERINE RD.
STA. 456+00 TO STA. 474+00
PROJECT NO. 4RTLTM

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet HC19 of HC25

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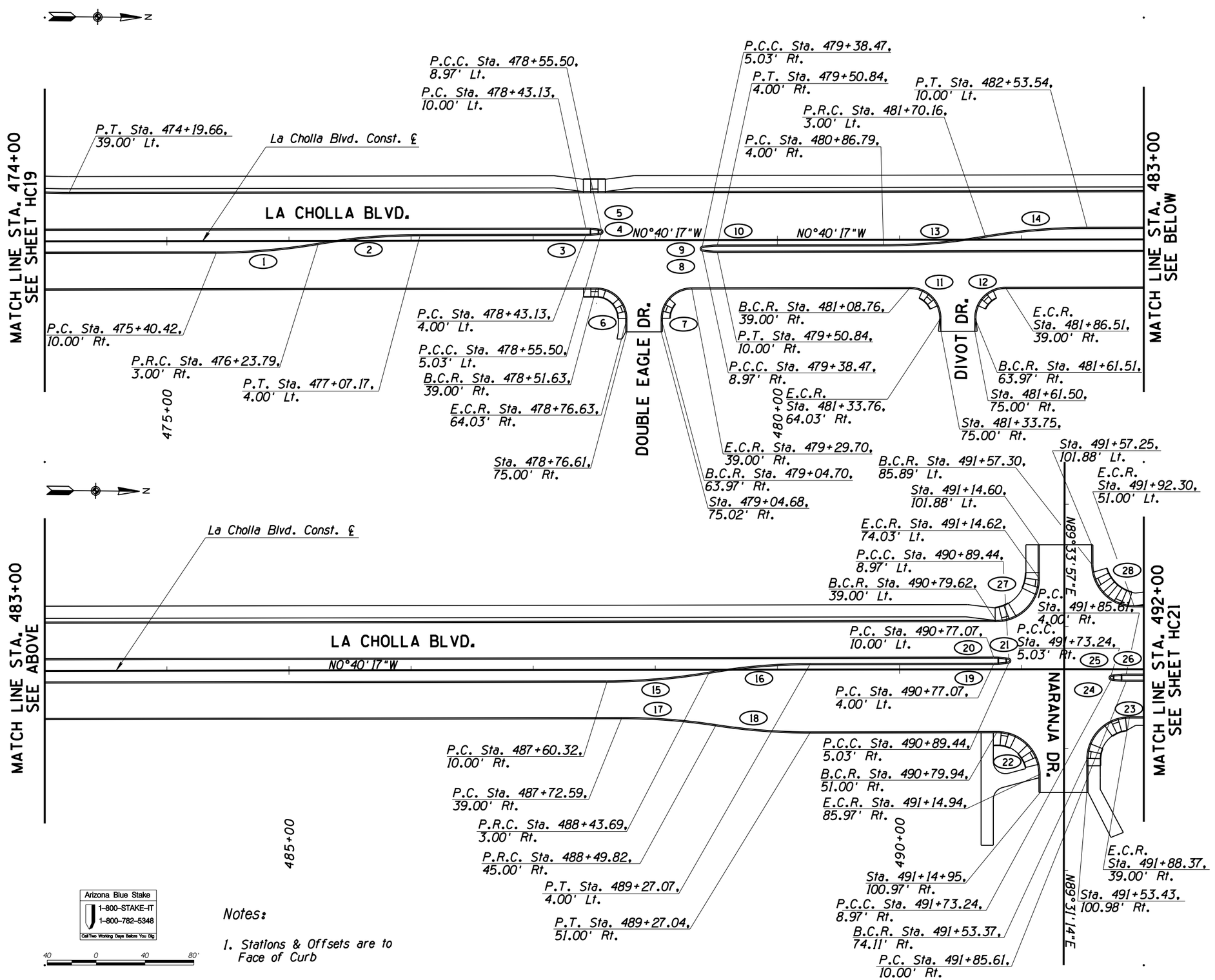

Notes:

1. Stations & Offsets are to Face of Curb

CURVE DATA TABLE			
Curve	Radius	Delta	Length	Tangent
21	75.00'	9°29'40"	12.43'	6.23'
22	35.00'	89°57'27"	54.95'	34.97'
23	35.00'	90°11'00"	55.09'	35.11'
24	75.00'	9°29'41"	12.43'	6.23'
25	2.00'	161°00'39"	5.62'	11.96'
26	75.00'	9°29'40"	12.43'	6.23'
27	35.00'	90°02'33"	55.00'	35.03'
28	35.00'	89°49'00"	54.87'	34.89'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
11	25.00'	90°04'41"	39.30'	25.03'
12	25.00'	89°55'19"	39.24'	24.97'
13	500.00'	9°35'56"	83.77'	41.98'
14	500.00'	9°35'56"	83.77'	41.98'
15	500.00'	9°35'55"	83.76'	41.98'
16	500.00'	9°35'56"	83.77'	41.98'
17	500.00'	8°53'08"	77.54'	38.85'
18	500.00'	8°53'06"	77.54'	38.85'
19	75.00'	9°29'40"	12.43'	6.23'
20	2.00'	161°00'39"	5.62'	11.96'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	500.00'	9°35'55"	83.76'	41.98'
2	500.00'	9°35'55"	83.76'	41.98'
3	75.00'	9°29'40"	12.43'	6.23'
4	2.00'	161°00'39"	5.62'	11.96'
5	75.00'	9°29'40"	12.43'	6.23'
6	25.00'	90°04'41"	39.30'	25.03'
7	25.00'	89°55'19"	39.24'	24.97'
8	75.00'	9°29'40"	12.43'	6.23'
9	2.00'	161°00'39"	5.62'	11.96'
10	75.00'	9°29'40"	12.43'	6.23'

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

Priscilla S. Cornelio P.E., Director

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 474+00 TO STA. 492+00
PROJECT NO. 4RTL TM

Scale: Horiz. 1"= 40 / Vert. 1"= 4

Sheet HC20 of HC25

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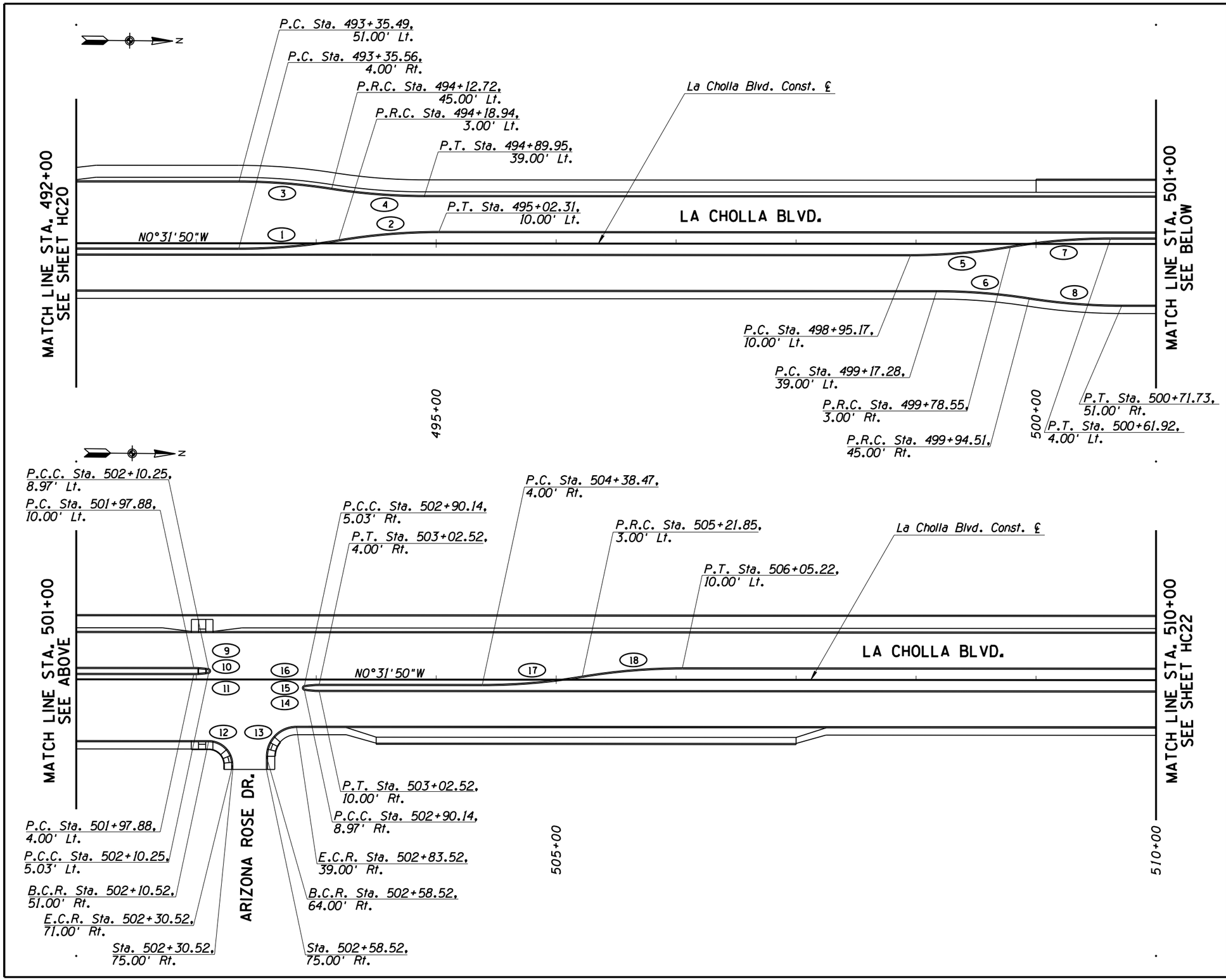

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
11	75.00'	9°29'40"	12.43'	6.23'
12	20.00'	90°00'00"	31.42'	20.00'
13	25.00'	90°00'00"	39.27'	25.00'
14	75.00'	9°29'40"	12.43'	6.23'
15	2.00'	161°00'39"	5.62'	11.96'
16	75.00'	9°29'41"	12.43'	6.23'
17	500.00'	9°35'56"	83.77'	41.98'
18	500.00'	9°35'55"	83.76'	41.98'

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
1	500.00'	9°35'56"	83.77'	41.98'
2	500.00'	9°35'56"	83.77'	41.98'
3	500.00'	8°53'06"	77.54'	38.85'
4	500.00'	8°53'06"	77.54'	38.85'
5	500.00'	9°35'55"	83.76'	41.98'
6	500.00'	8°53'06"	77.54'	38.85'
7	500.00'	9°35'55"	83.76'	41.98'
8	500.00'	8°53'06"	77.54'	38.85'
9	75.00'	9°29'41"	12.43'	6.23'
10	2.00'	161°00'39"	5.62'	11.96'

Notes:

1. Stations & Offsets are to Face of Curb

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet HC21 of HC25

Page 35 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 492+00 TO STA. 510+00
PROJECT NO. 4RTLTM

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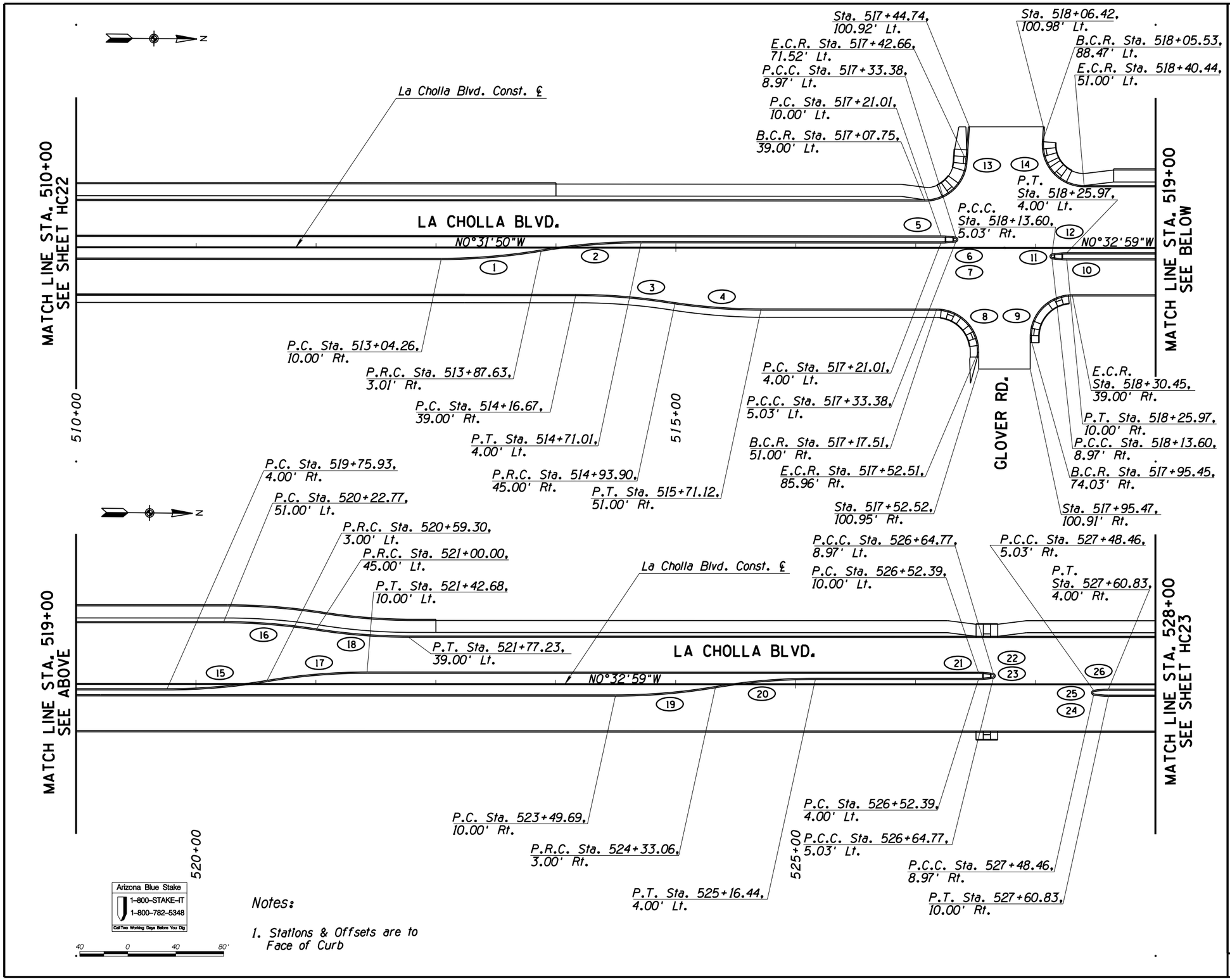

Notes:

1. Stations & Offsets are to Face of Curb

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
21	75.00'	9°29'42"	12.43'	6.23'
22	2.00'	161°00'39"	5.62'	11.96'
23	75.00'	9°29'40"	12.43'	6.23'
24	75.00'	9°29'40"	12.43'	6.23'
25	2.00'	161°00'39"	5.62'	11.96'
26	75.00'	9°29'42"	12.43'	6.23'

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
11	2.00'	161°00'39"	5.62'	11.96'
12	75.00'	9°29'40"	12.43'	6.23'
13	35.00'	94°03'02"	57.45'	37.57'
14	35.00'	90°02'38"	55.00'	35.03'
15	500.00'	9°35'55"	83.76'	41.98'
16	500.00'	8°53'07"	77.54'	38.85'
17	500.00'	9°35'56"	83.77'	41.98'
18	500.00'	8°53'06"	77.54'	38.85'
19	500.00'	9°35'55"	83.76'	41.98'
20	500.00'	9°35'55"	83.76'	41.98'

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
1	500.00'	9°35'55"	83.76'	41.98'
2	500.00'	9°35'55"	83.76'	41.98'
3	500.00'	8°53'08"	77.54'	38.85'
4	500.00'	8°53'06"	77.54'	38.85'
5	75.00'	9°29'43"	12.43'	6.23'
6	2.00'	161°00'39"	5.62'	11.96'
7	75.00'	9°29'42"	12.43'	6.23'
8	35.00'	89°56'13"	54.94'	34.96'
9	35.00'	90°02'38"	55.00'	35.03'
10	75.00'	9°29'42"	12.43'	6.23'

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS

333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 510+00 TO STA. 528+00
PROJECT NO. 4RTLTM

Scale: Horiz. 1"= 40 / Vert. 1"= 4

Sheet HC22 of HC25

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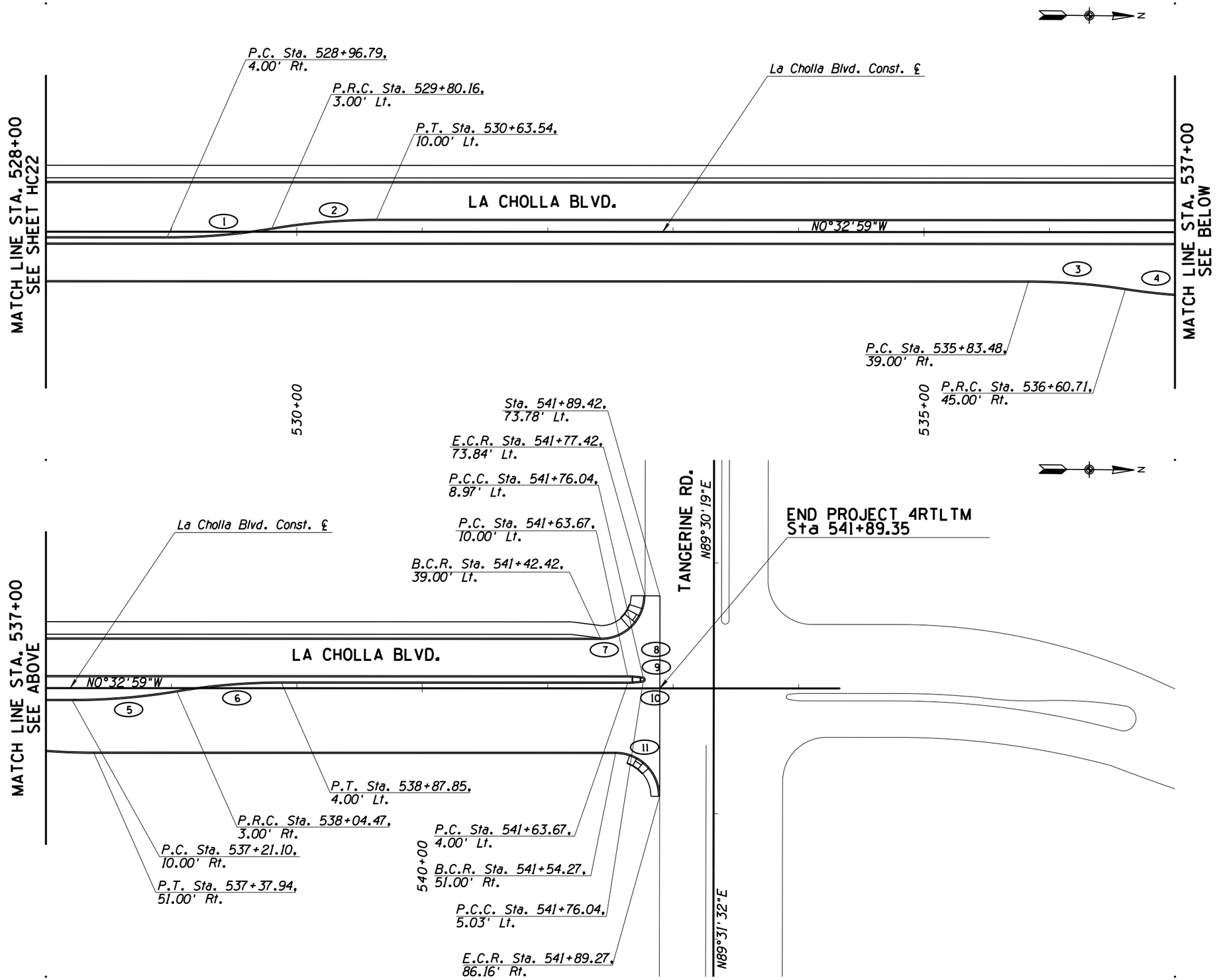

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
11	500.00'	90°16'09"	55.14'	35.16'

CURVE DATA TABLE

Curve	Radius	Delta	Length	Tangent
1	500.00'	9°35'55"	83.76'	41.98'
2	500.00'	9°35'56"	83.77'	41.98'
3	500.00'	8°53'09"	77.54'	38.85'
4	500.00'	8°53'06"	77.54'	38.85'
5	500.00'	9°35'55"	83.76'	41.98'
6	500.00'	9°35'56"	83.77'	41.98'
7	35.00'	89°43'51"	54.81'	34.84'
8	75.00'	9°29'42"	12.43'	6.23'
9	2.00'	161°00'39"	5.62'	11.96'
10	75.00'	9°29'40"	12.43'	6.23'

Notes:

1. Stations & Offsets are to Face of Curb

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet HC23 of HC25

Page 37 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date
1			
2			
3			
4			
5			

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 528+00 TO STA. 541+89
PROJECT NO. 4RTLTM

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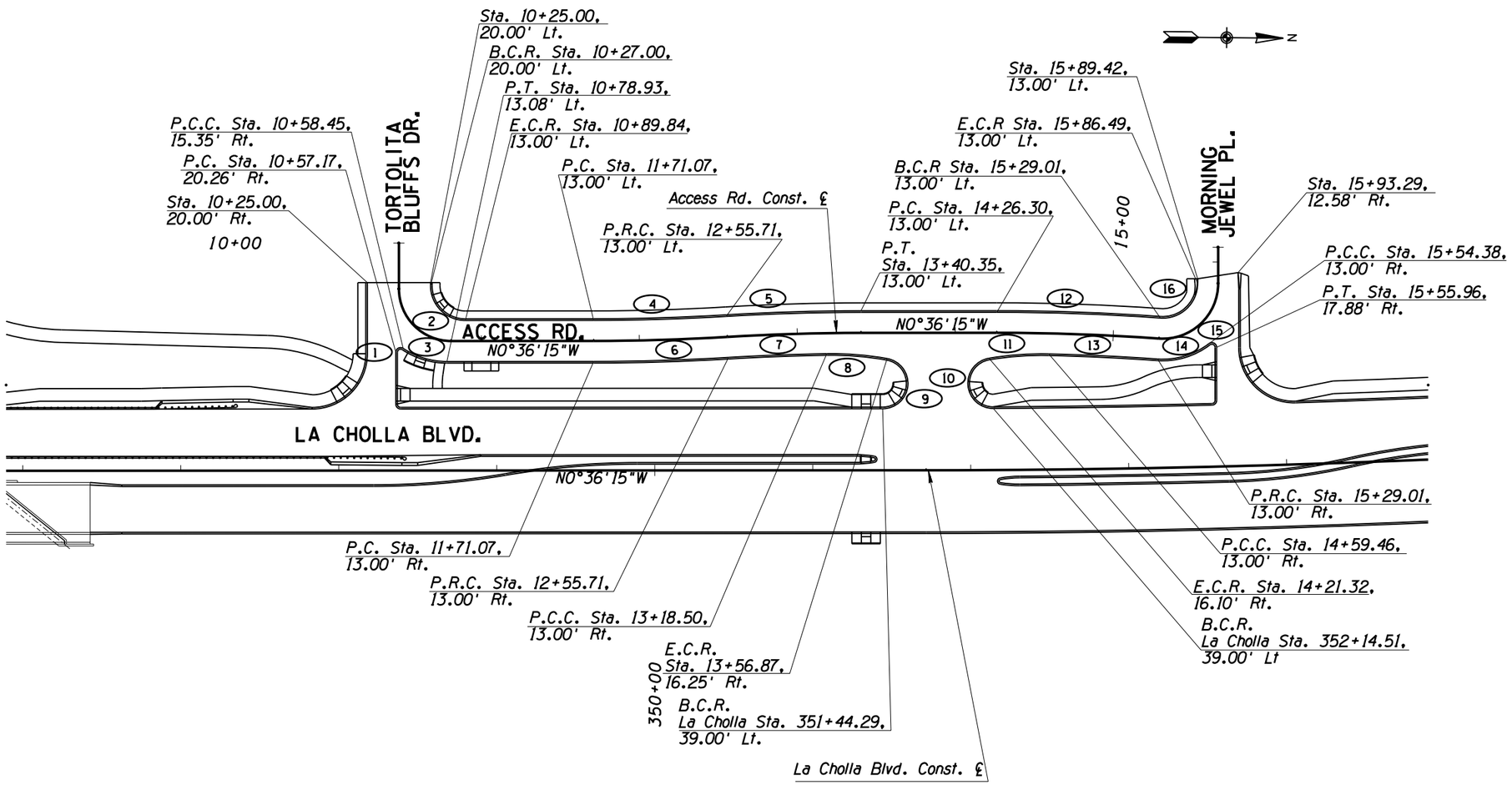

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	3.00'	123°36'13"	6.47'	5.60'
2	22.00'	90°00'08"	34.56'	22.00'
3	50.00'	33°36'21"	29.33'	15.10'
4	1419.39'	3°23'08"	83.87'	41.95'
5	1445.39'	3°23'08"	85.41'	42.72'
6	1445.39'	3°23'08"	85.41'	42.72'
7	1419.39'	2°30'42"	62.22'	31.12'
8	200.00'	10°59'09"	38.35'	19.23'
9	16.00'	169°53'17"	47.44'	180.85'
10	16.00'	170°45'46"	47.69'	198.05'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
11	200.00'	10°53'04"	37.99'	19.05'
12	1445.39'	4°06'30"	103.64'	51.84'
13	1419.39'	2°46'55"	68.92'	34.47'
14	48.00'	41°32'24"	34.80'	18.20'
15	3.00'	127°26'01"	6.67'	6.07'
16	22.00'	94°06'23"	36.13'	23.64'

Notes:

1. Stations & Offsets are to Face of Curb

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet HC24 of HC25

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL ROADWAY CONTROL
ACCESS RD.
STA. 10+00 TO STA. 16+09
PROJECT NO. 4RTLTM

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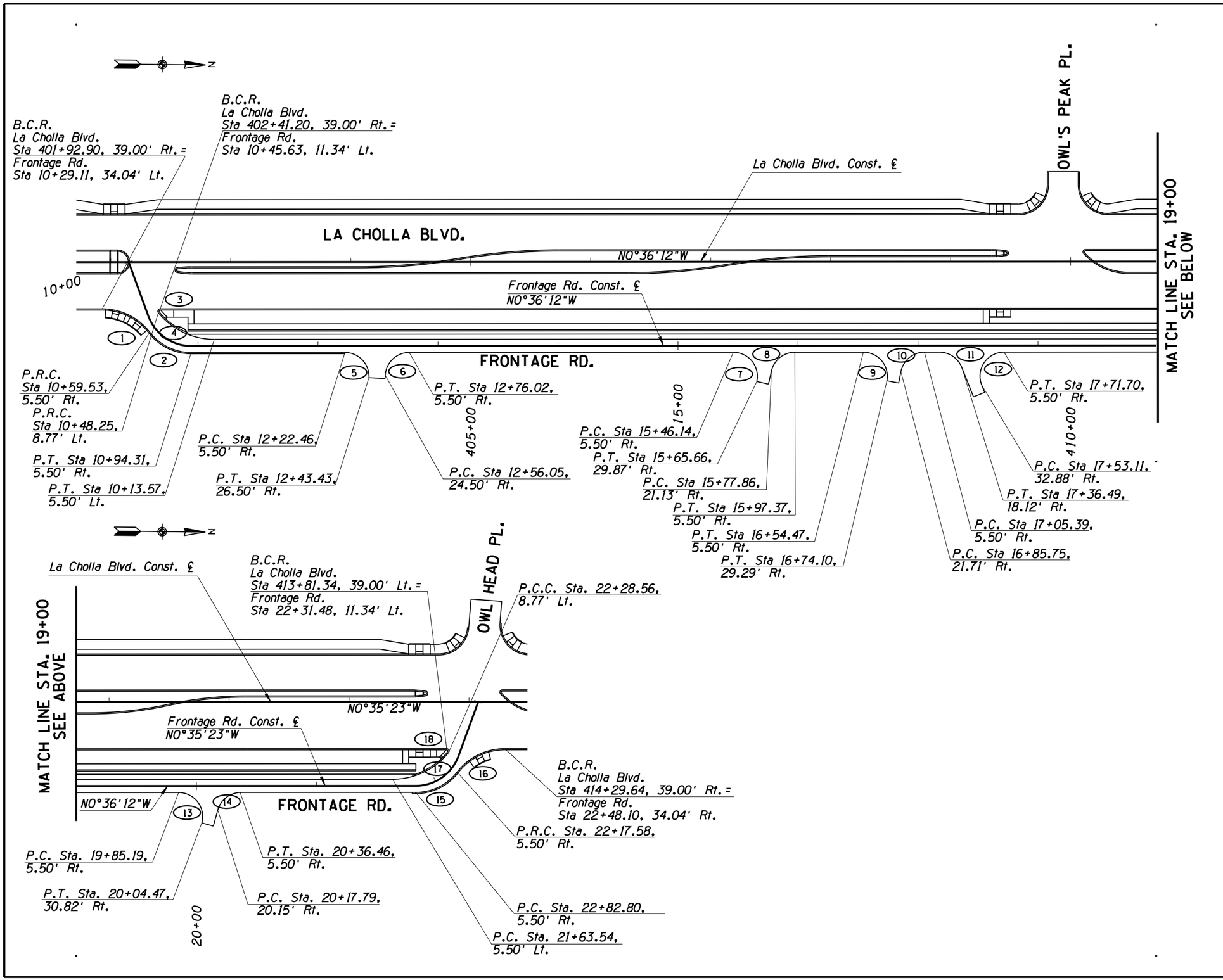

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
1	50.00'	52°26'15"	45.76'	24.62'
2	43.50'	52°26'15"	39.81'	21.42'
3	2.00'	128°59'57"	4.50'	4.19'
4	60.00'	51°00'03"	53.41'	28.62'
5	20.00'	92°52'12"	32.42'	21.03'
6	20.00'	87°07'48"	30.41'	19.02'
7	20.00'	102°36'31"	35.82'	24.97'
8	20.00'	77°23'29"	27.01'	16.02'
9	20.00'	100°55'02"	35.23'	24.23'
10	20.00'	79°04'58"	27.61'	16.51'

CURVE DATA TABLE				
Curve	Radius	Delta	Length	Tangent
11	20.00'	68°20'27"	23.86'	13.58'
12	20.00'	111°39'33"	38.98'	29.46'
13	20.00'	105°25'44"	36.80'	26.27'
14	20.00'	72°49'21"	25.42'	14.75'
15	43.50'	52°26'15"	39.81'	21.42'
16	50.00'	52°26'15"	45.76'	24.62'
17	60.00'	51°00'03"	53.41'	28.62'
18	2.00'	128°59'57"	4.50'	4.19'

Notes:

1. Stations & Offsets are to Face of Curb

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

Priscilla S. Cornelio P.E., Director

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

HORIZONTAL ROADWAY CONTROL
FRONTAGE RD.
STA. 10+00 TO STA. 22+77
PROJECT NO. 4RTLTM

Pima County Department of Transportation

Scale Horiz. 1"= 40 Vert. 1"= 4 | Sheet HC25 of HC25 | Page 39 of 89

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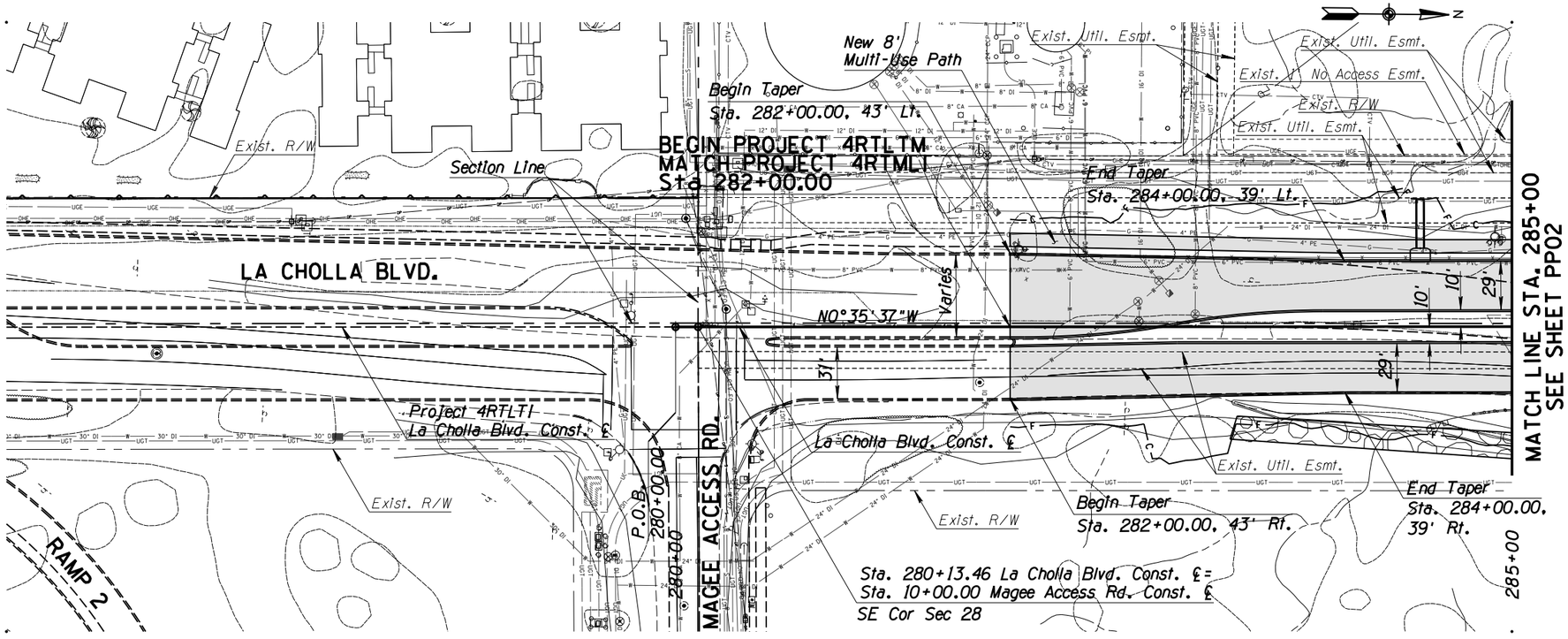

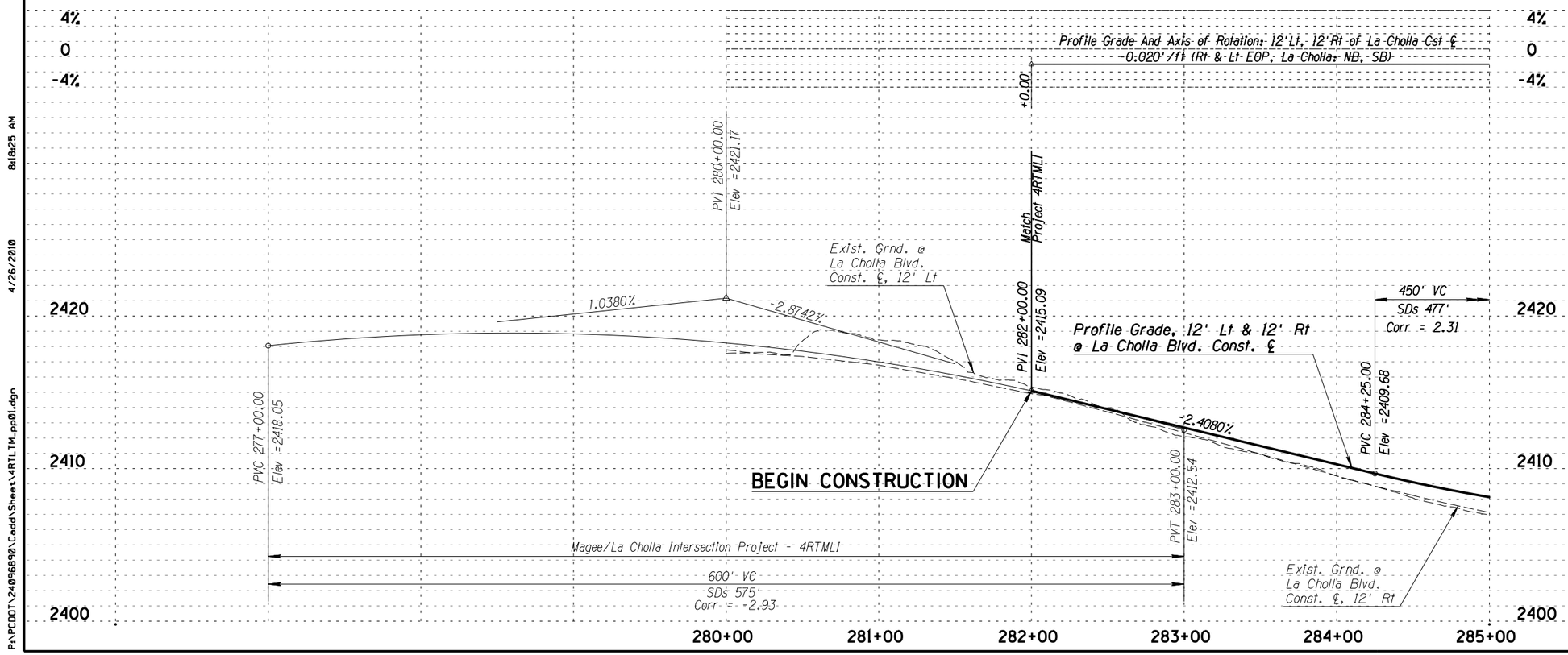

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP01 of PP33	Page 40 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 280+00 TO STA. 285+00
PROJECT NO. 4RTLTM

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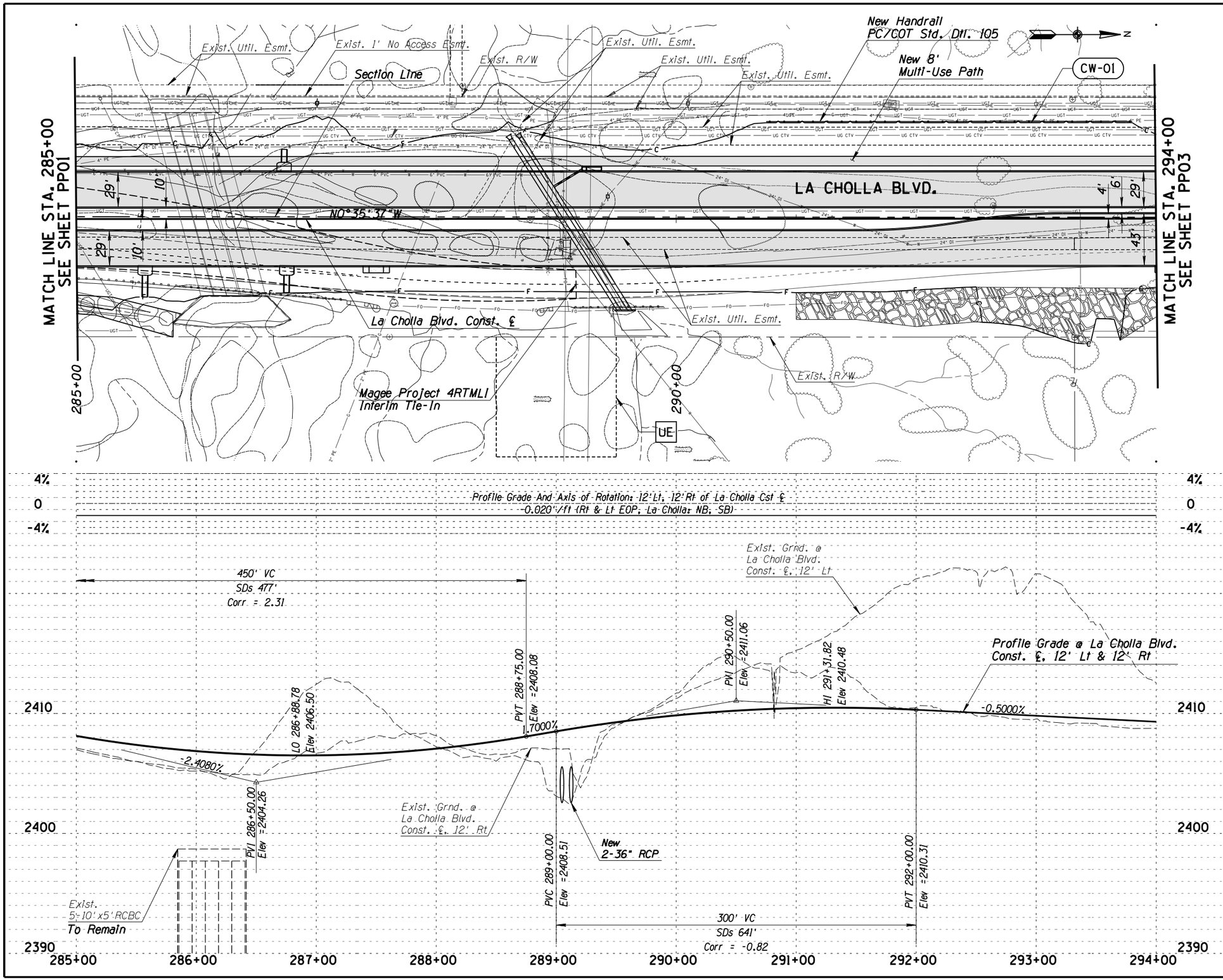

Notes:

CW-01 New Cut Wall, L=305'

UE New Utility Easement (Metro. Water Well Site)

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

New Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP02 of PP33	Page 41 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

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Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 285+00 TO STA. 294+00
PROJECT NO. 4RTLTM

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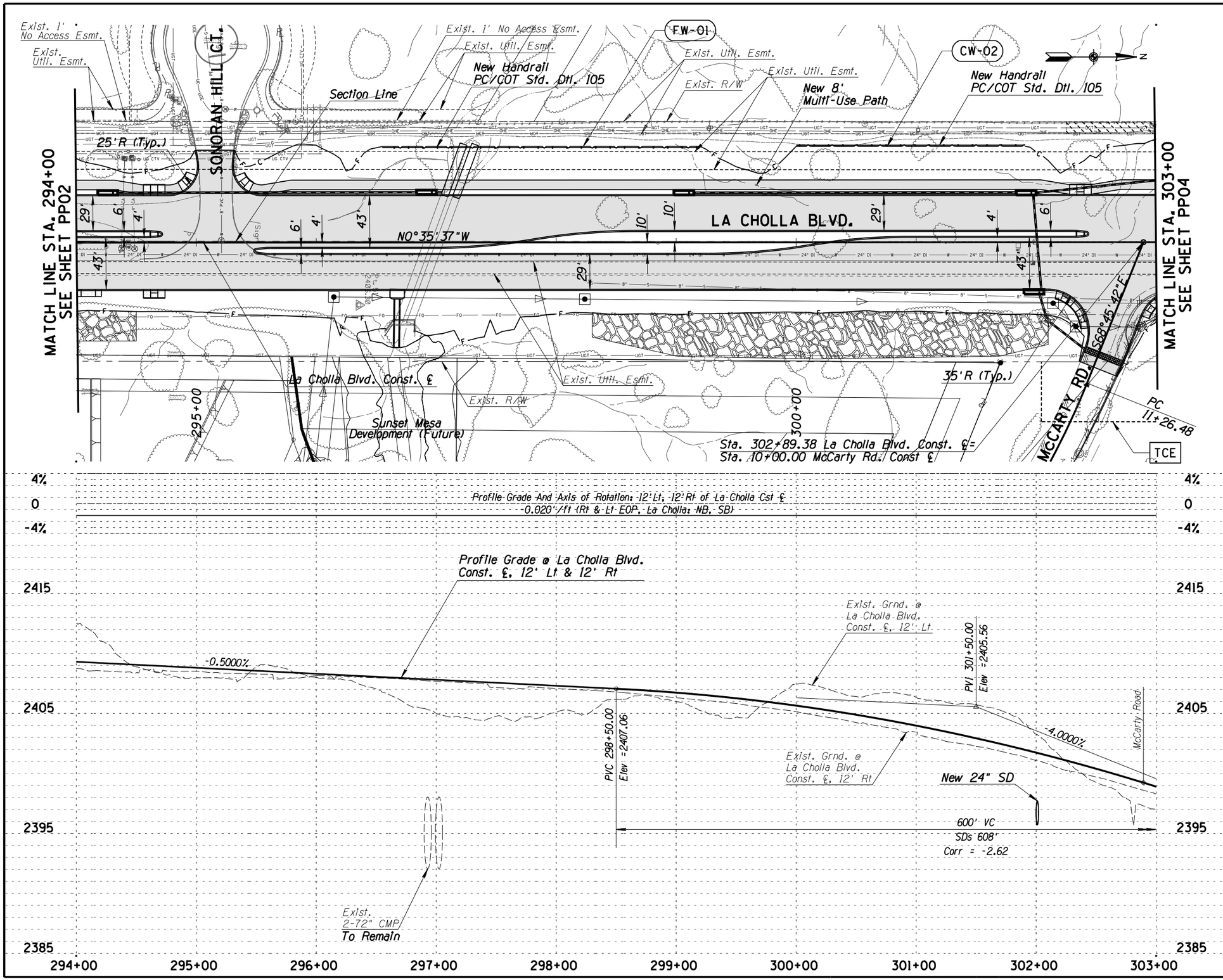

Notes:

FW-01 New Fill Wall, L=265'

CW-02 New Cut Wall, L=190'

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Unlandscaped Area

Slope Protection

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet PP03 of PP33

Page 42 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 294+00 TO STA. 303+00
PROJECT NO. 4RTLTM

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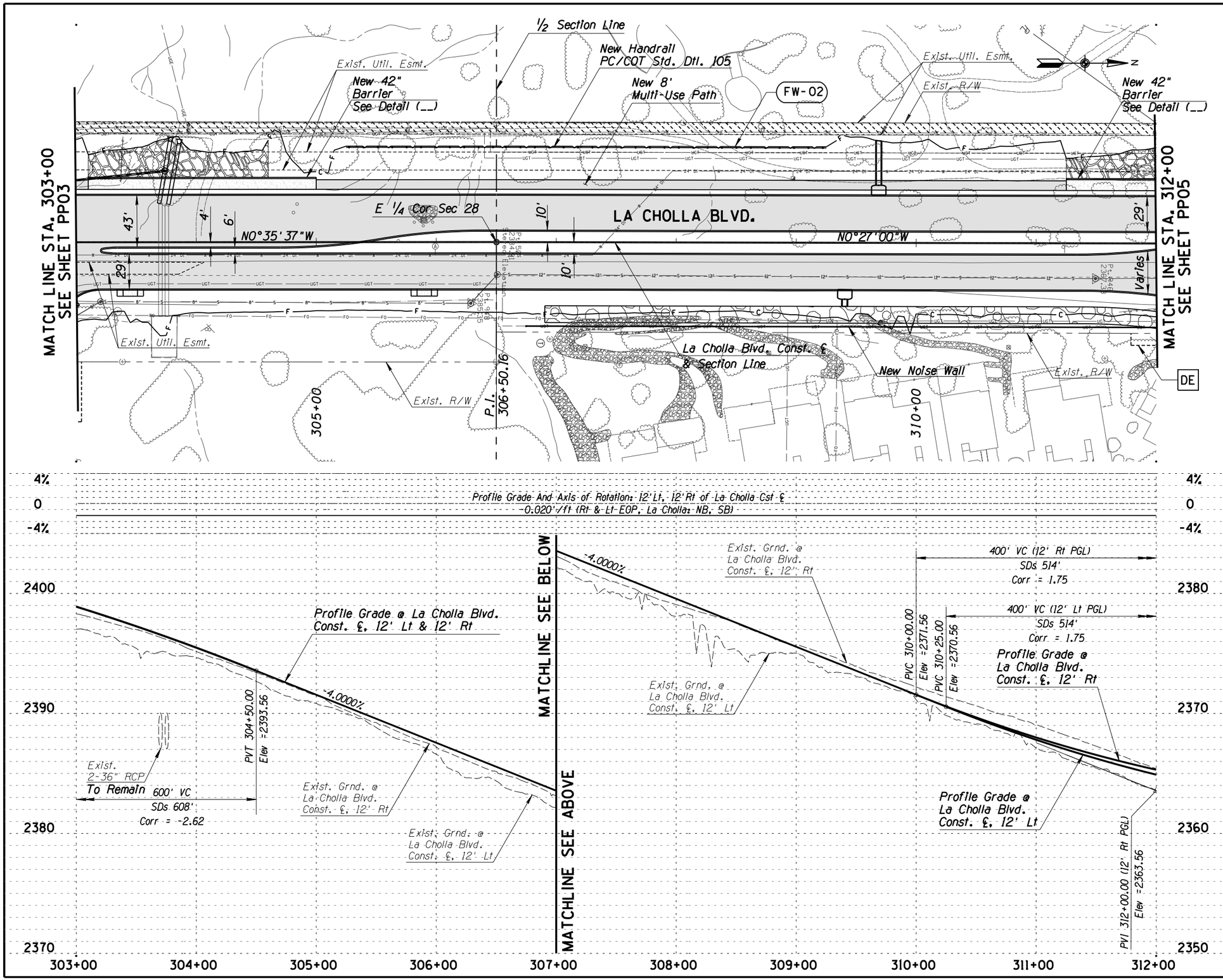

Notes:

(FW-02) New Fill Wall, L=400'

DE New Drainage Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Unlandscaped Area

Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet PP04 of PP33

Page 43 of 89

Priscilla S. Cornelio P.E., Director

Pima County Department of Transportation

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 303+00 TO STA. 312+00
PROJECT NO. 4RTLTM

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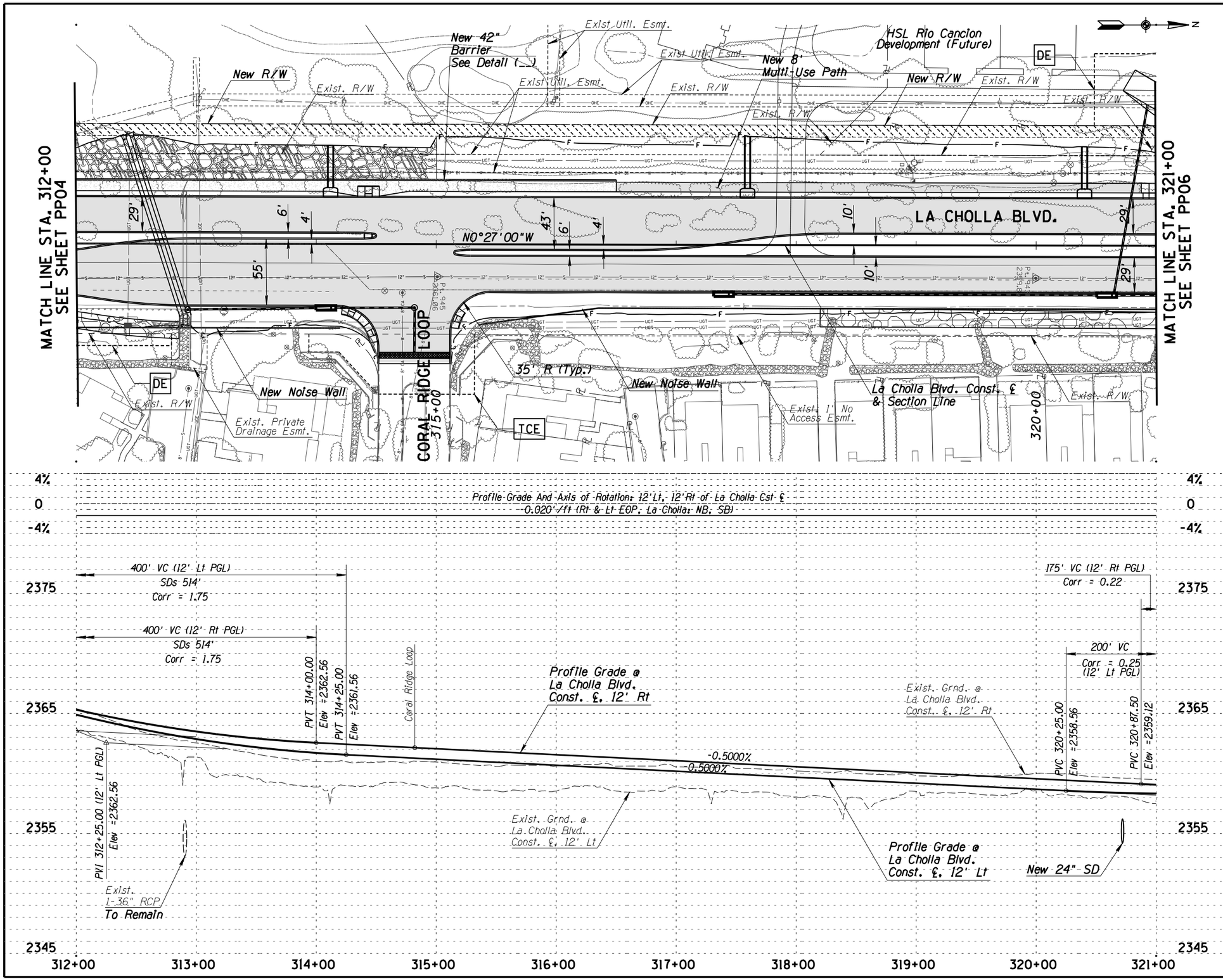

Notes:

DE New Drainage Easement

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Unlandscaped Area

Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 312+00 TO STA. 321+00
PROJECT NO. 4RTLTM

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet PP05 of PP33

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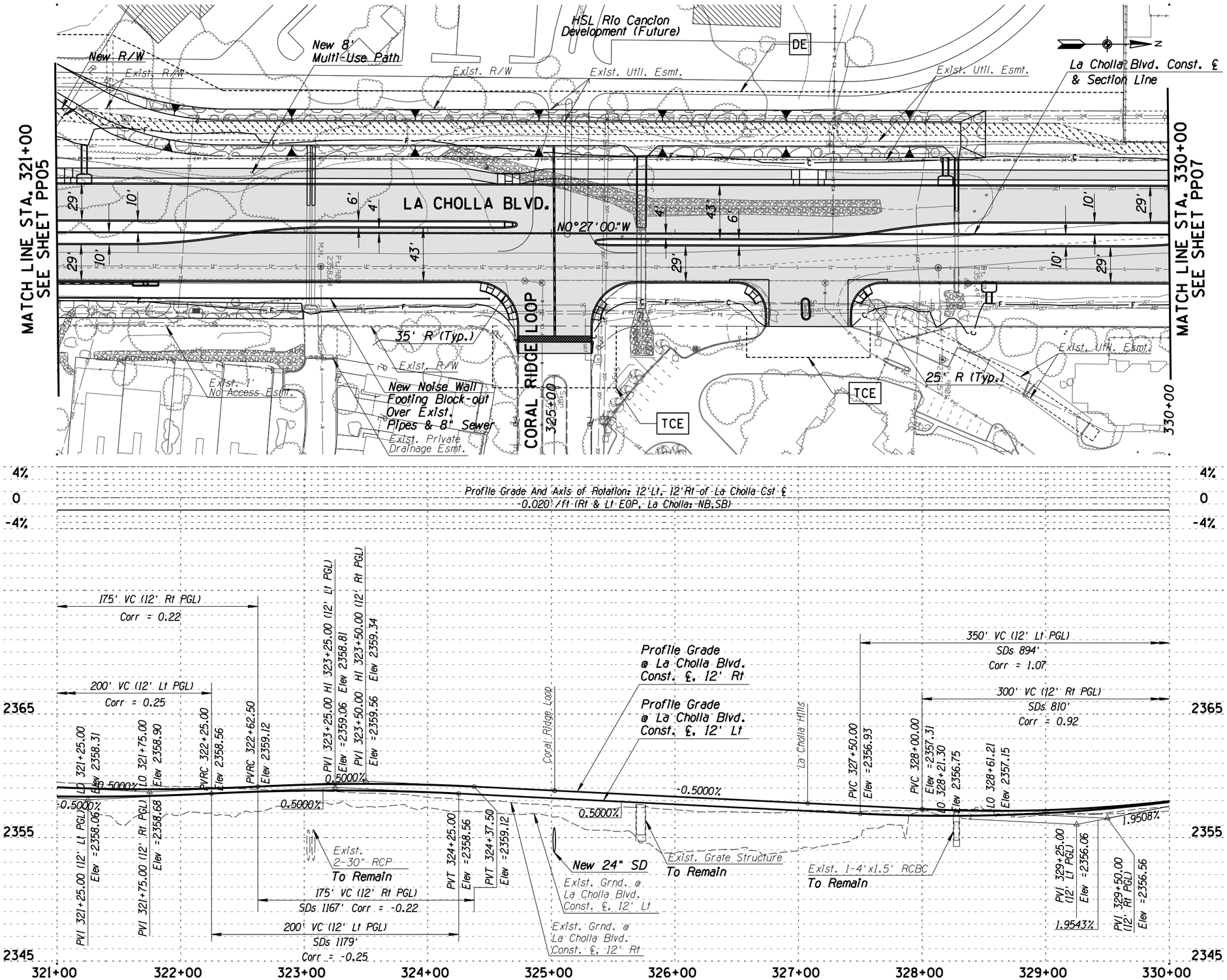

Notes:

DE — New Drainage Easement

TCE — Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Unlandscaped Area

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP06 of PP33	Page 45 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

	Designed	TWW	04/10
	Drawn	AA	04/10
	Checked	BR	04/10
	Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 321+00 TO STA. 330+00
PROJECT NO. 4RTLTM

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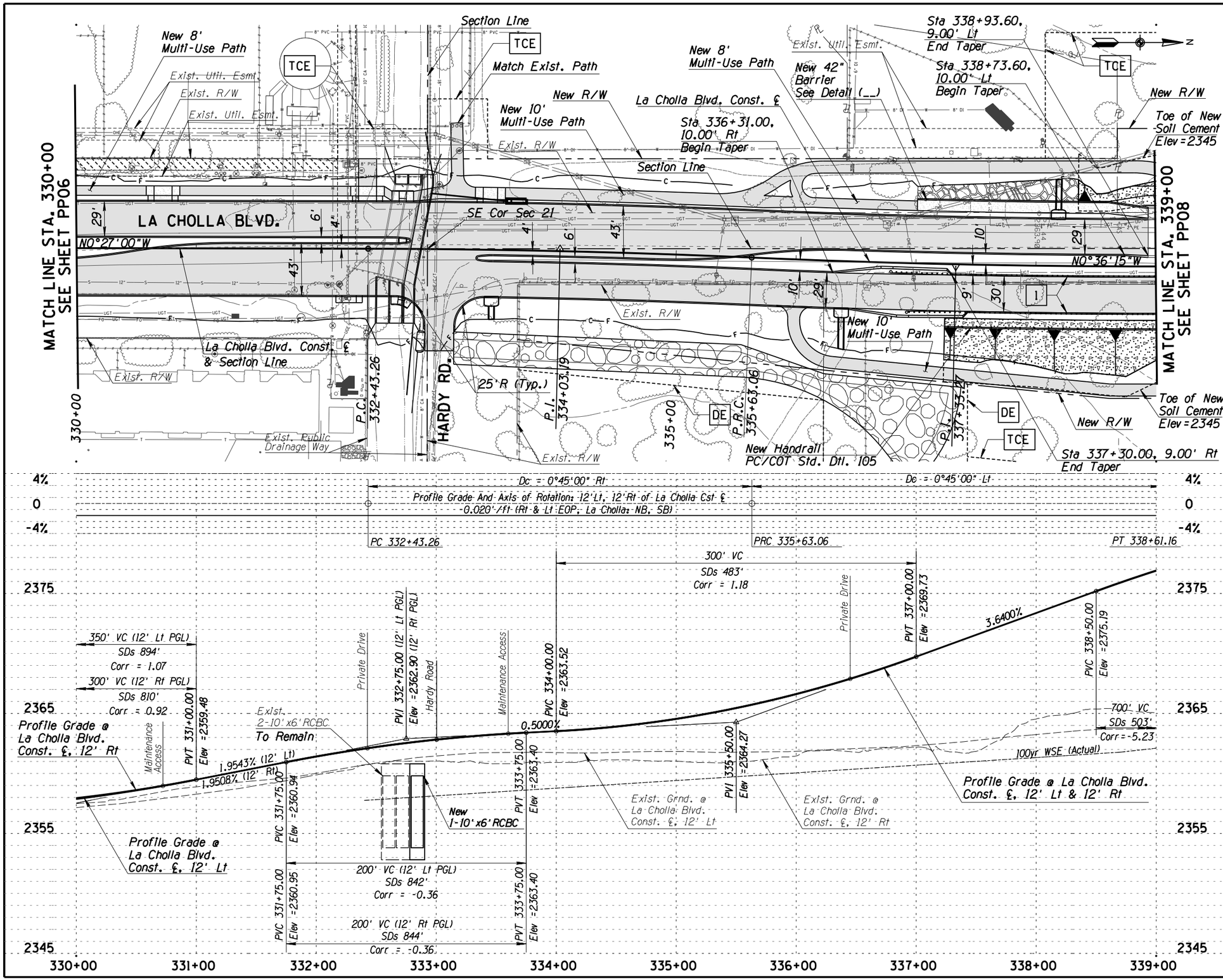
eric_sibson



Notes:

1. New Guard Rail, ADOT Std. Detail C-10.04 w/ SKT-350 End Treatment (See Detail (__))
2. DE — New Drainage Easement
3. TCE — Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

- Unlandscaped Area
- Slope Protection
- New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP07 of PP33	Page 46 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 330+00 TO STA. 339+00
PROJECT NO. 4RTLTM

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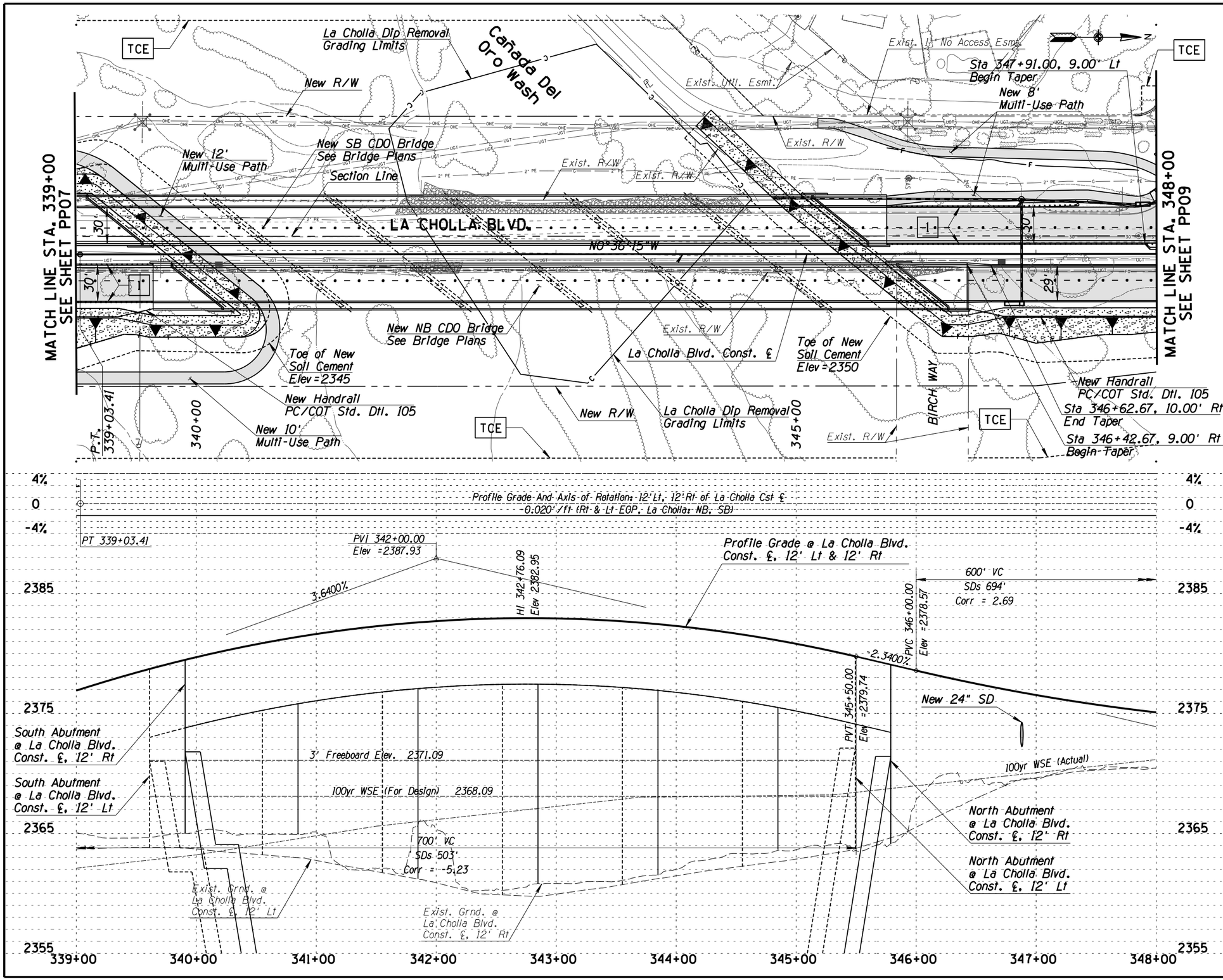

Notes:

1. New Guard Rail, ADOT Std. Detail C-10.04 w/ SKT-350 End Treatment (See Detail (__))

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP08 of PP33	Page 47 of 89

Priscilla S. Cornelio P.E., Director

Pima County Department of Transportation

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 339+00 TO STA. 348+00
PROJECT NO. 4RTLTM

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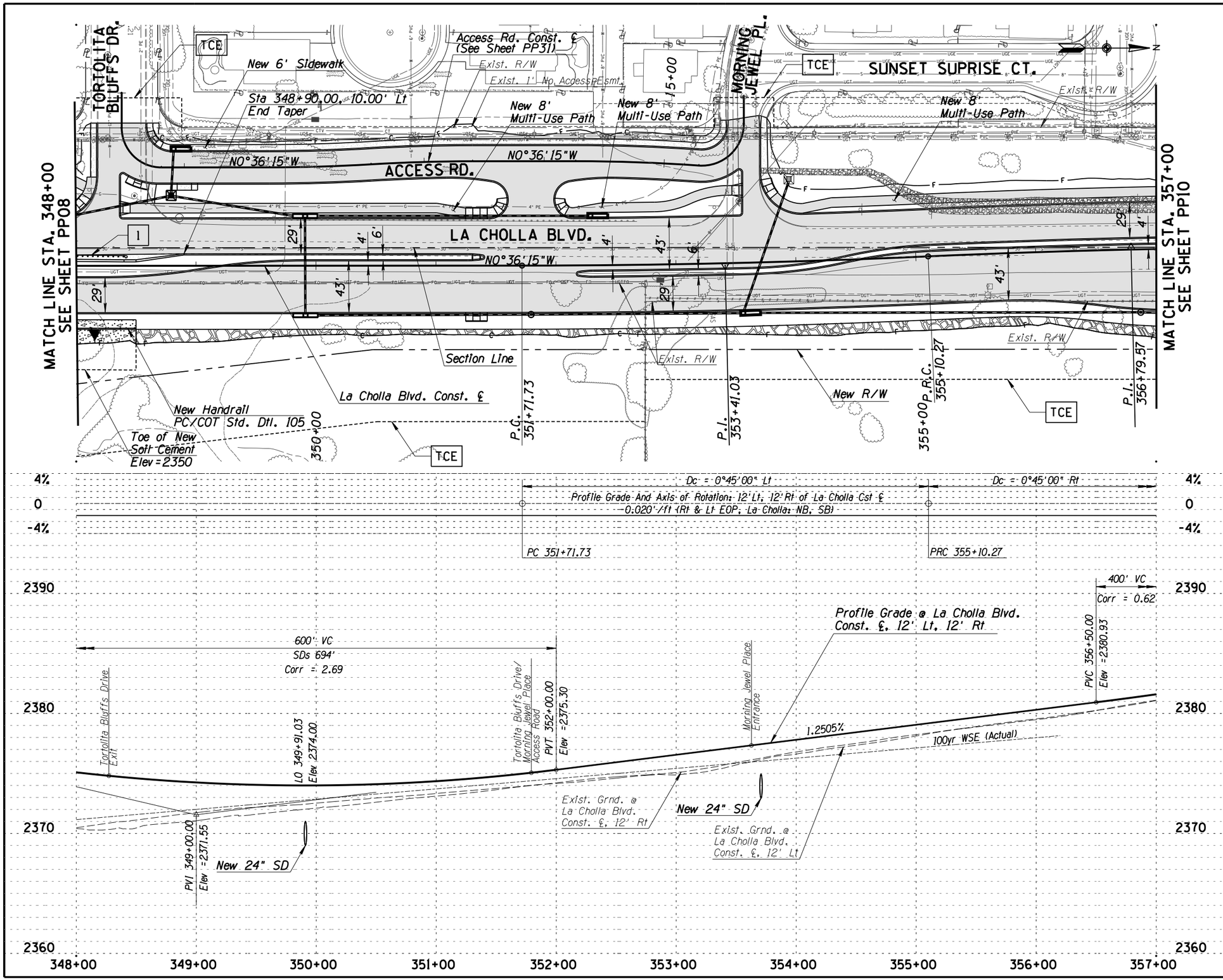

Notes:

1. New Guard Rail, ADOT Std. Detail C-10.04 w/ SKT-350 End Treatment (See Detail (__))

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP09 of PP33	Page 48 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 348+00 TO STA. 357+00
PROJECT NO. 4RTLTM

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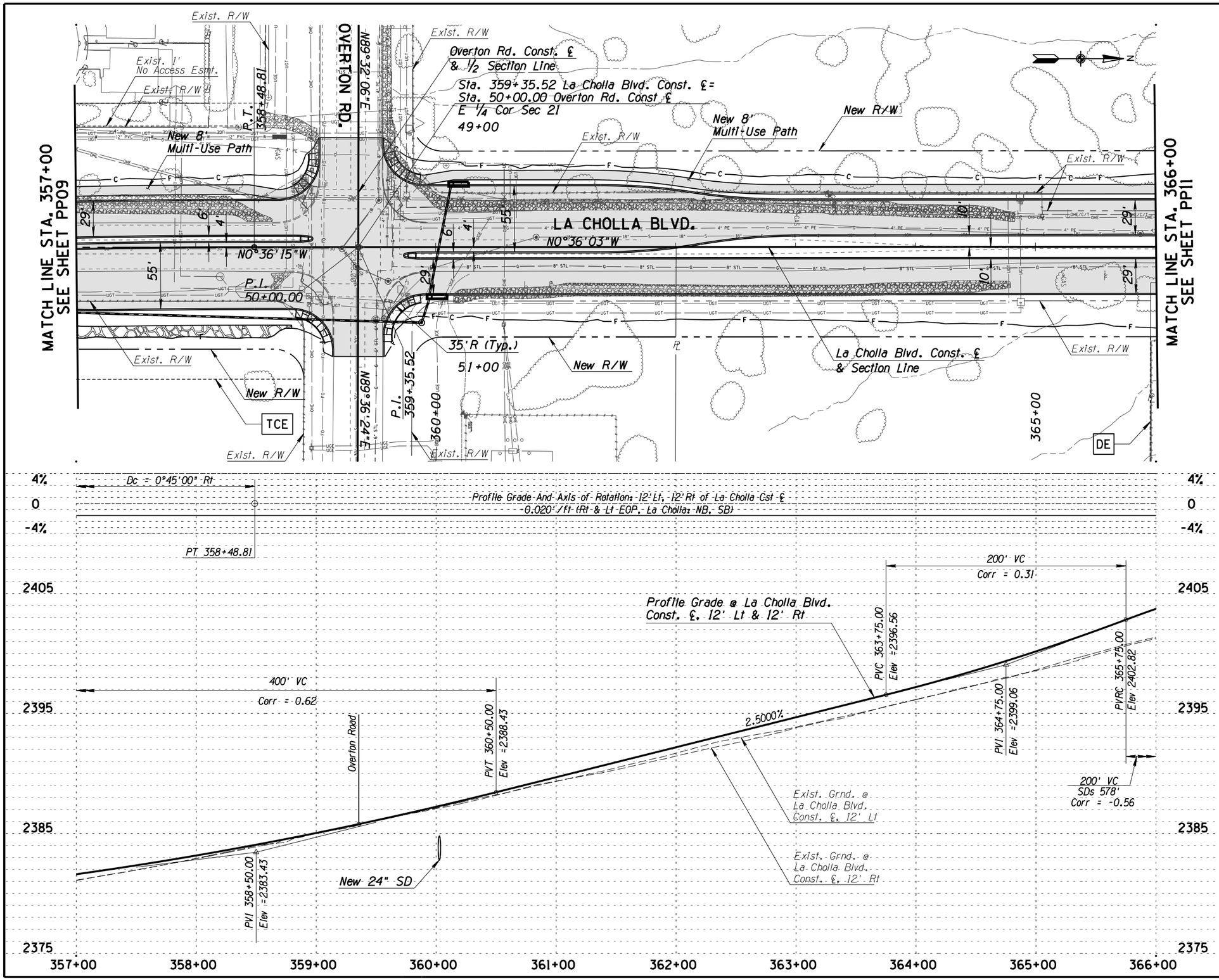
eric.sibson



Notes:

TCE Temporary Construction Easement

DE New Drainage Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet PP10 of PP33

Page 49 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 357+00 TO STA. 366+00
PROJECT NO. 4RTLTM

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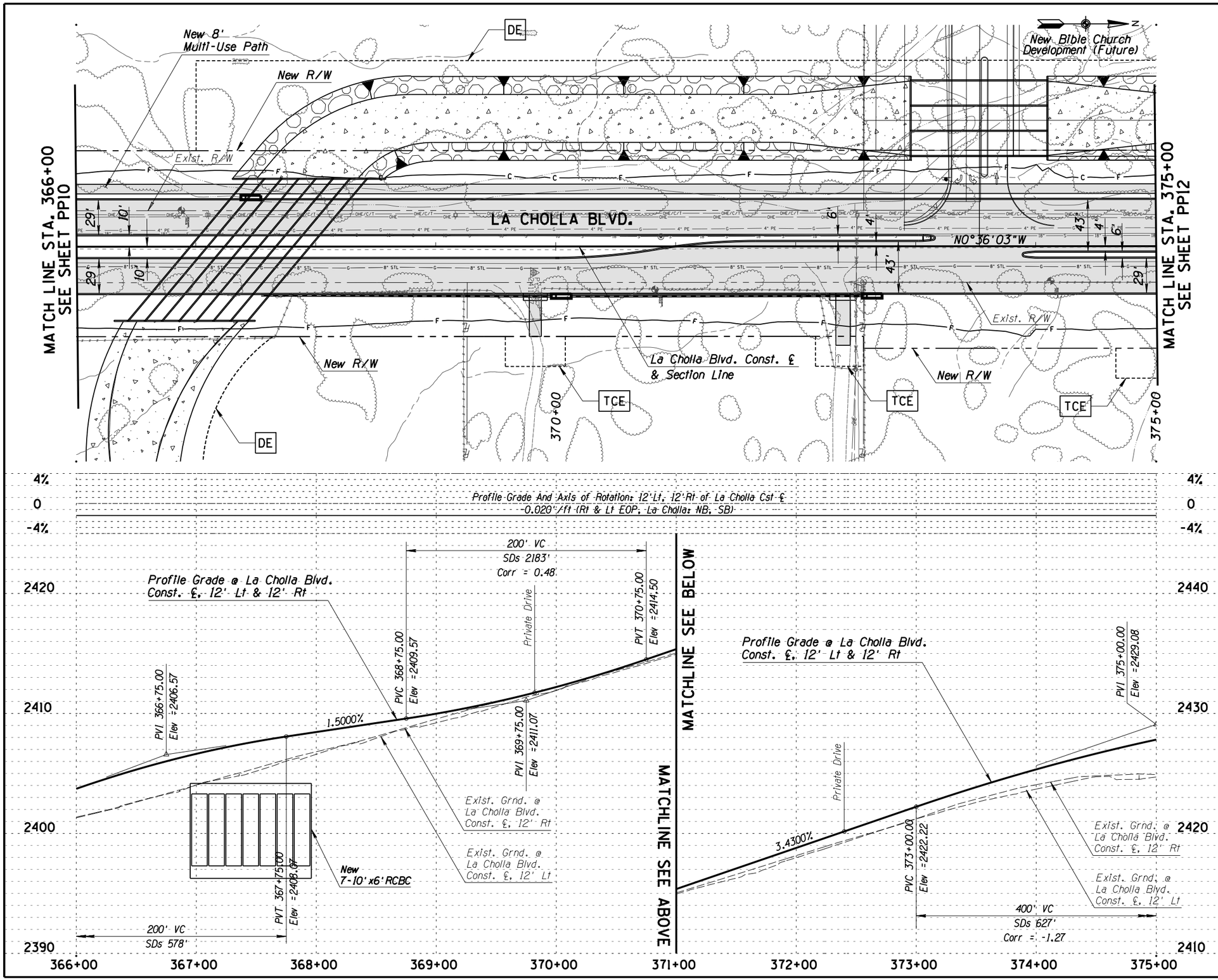

Notes:

DE New Drainage Easement

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP11 of PP33	Page 50 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 366+00 TO STA. 375+00
PROJECT NO. 4RTLTM

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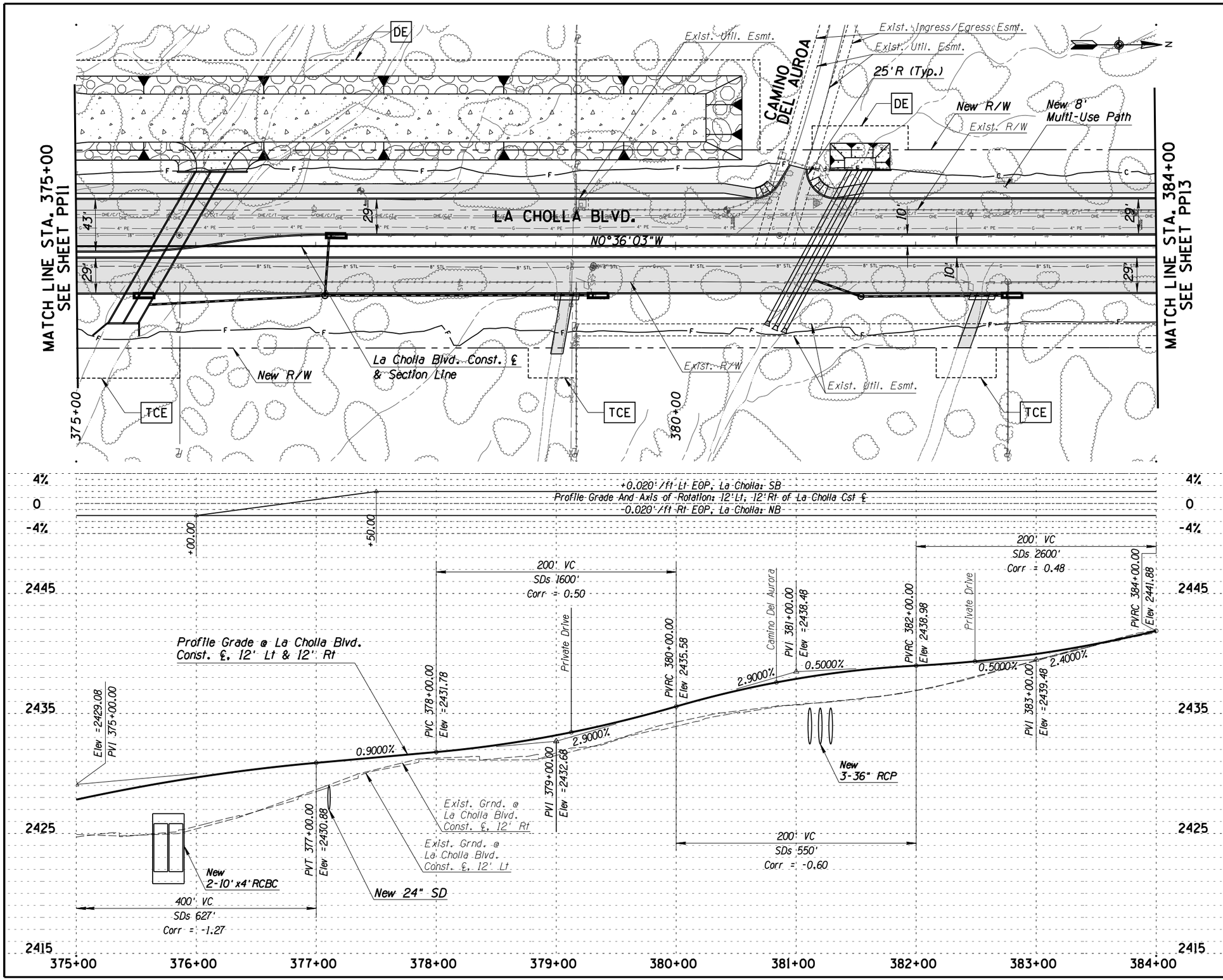

Notes:

DE New Drainage Easement

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP12 of PP33	Page 51 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

	Designed	TWW	04/10
	Drawn	AA	04/10
	Checked	BR	04/10
	Proj. Mgr.	EJS	

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 375+00 TO STA. 384+00
PROJECT NO. 4RTLTM

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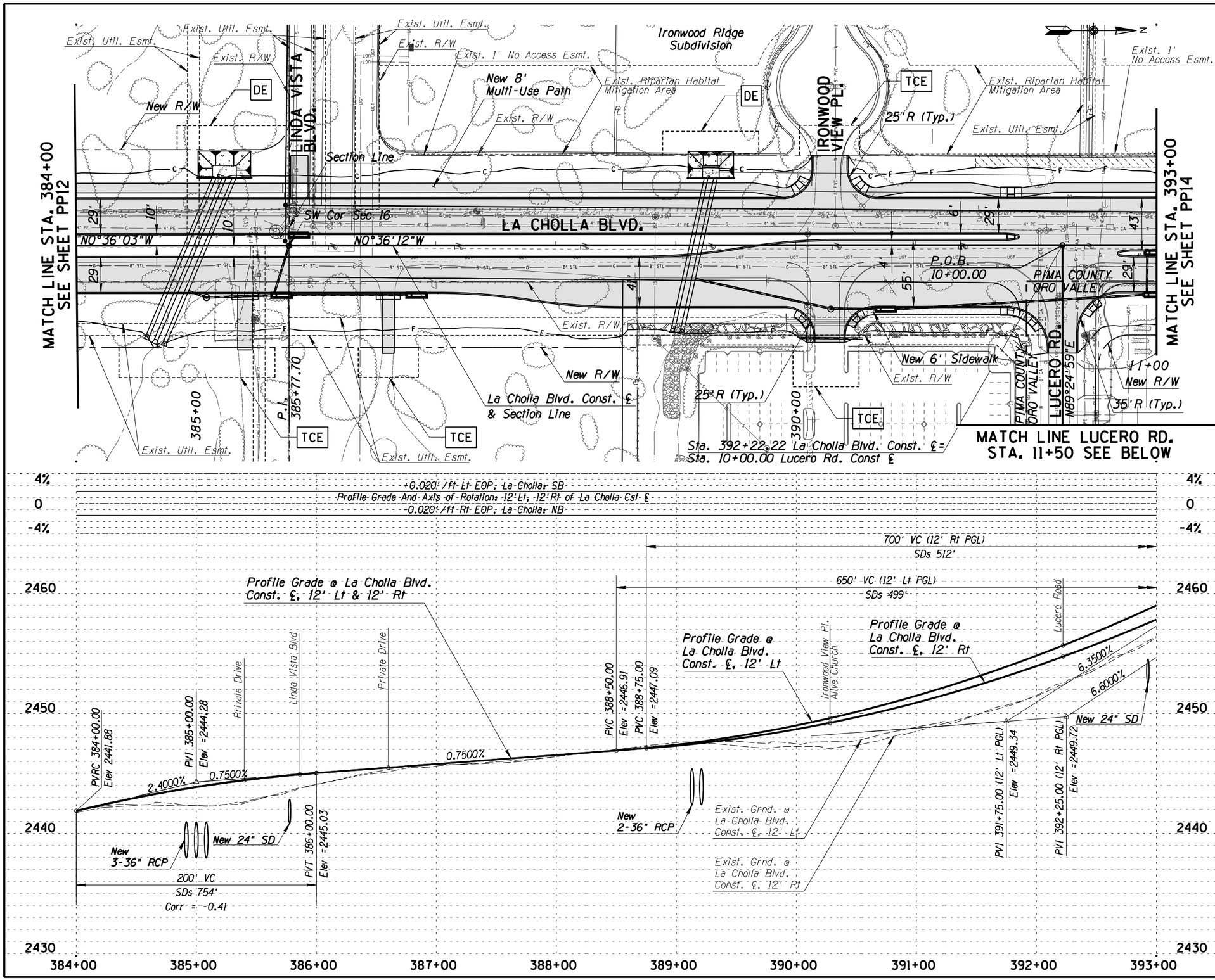

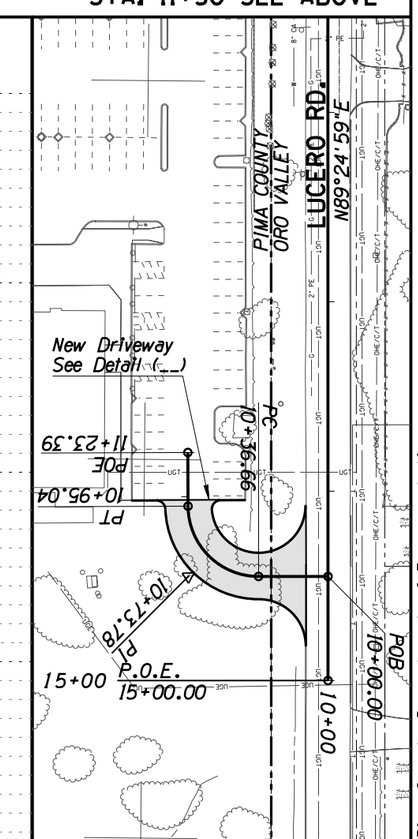

Notes:

DE — New Drainage Easement

TCE — Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Unlandscaped Area

Slope Protection

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 384+00 TO STA. 393+00
PROJECT NO. 4RTLTM

Pima County Department of Transportation

Scale Horiz. 1"= 40 Vert. 1"= 4 | Sheet PP13 of PP33 | Page 52 of 89

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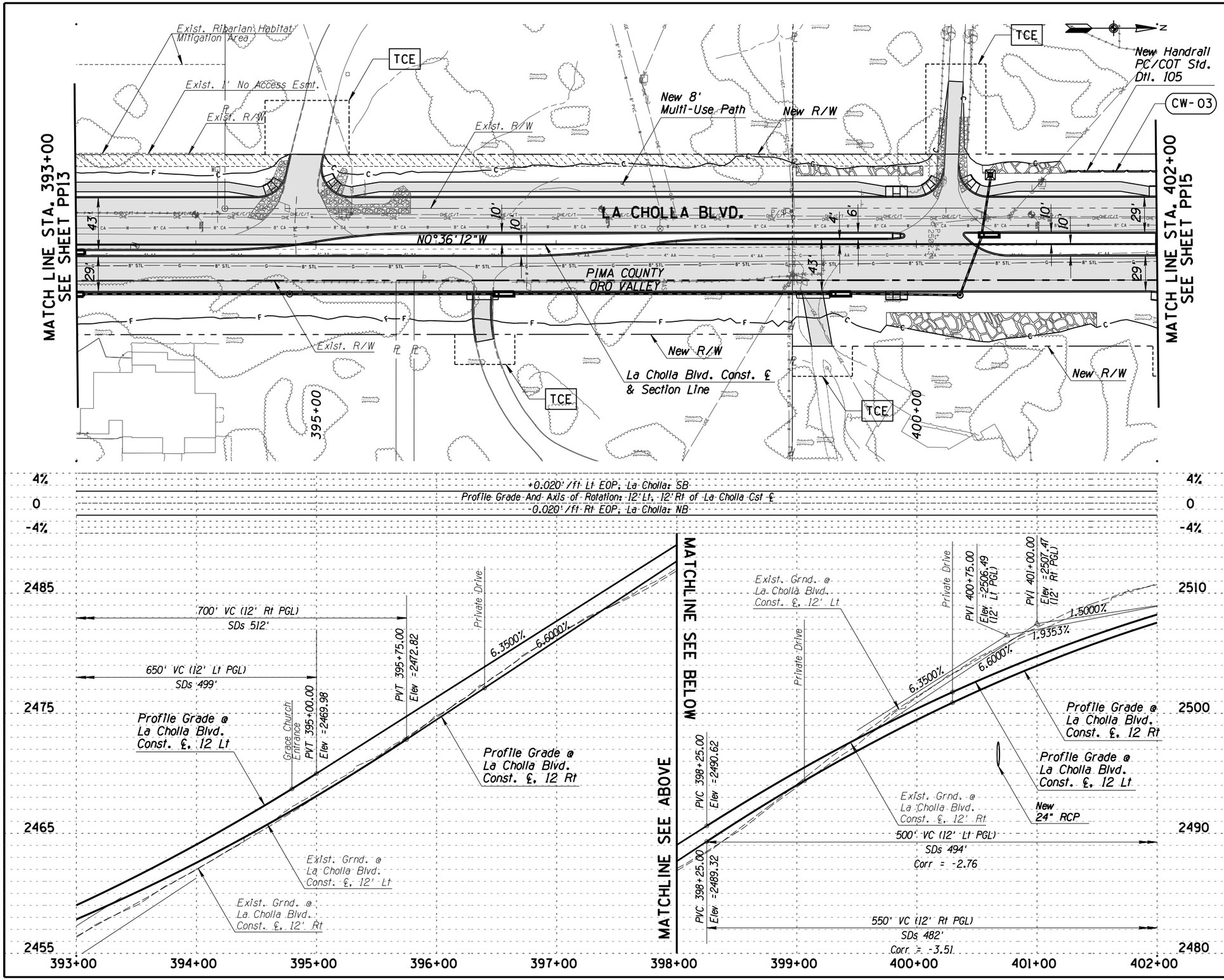

Notes:

CW-03 New Cut Wall, L=216'

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Unlandscaped Area

Slope Protection

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP14 of PP33	Page 53 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 393+00 TO STA. 402+00
PROJECT NO. 4RTLTM

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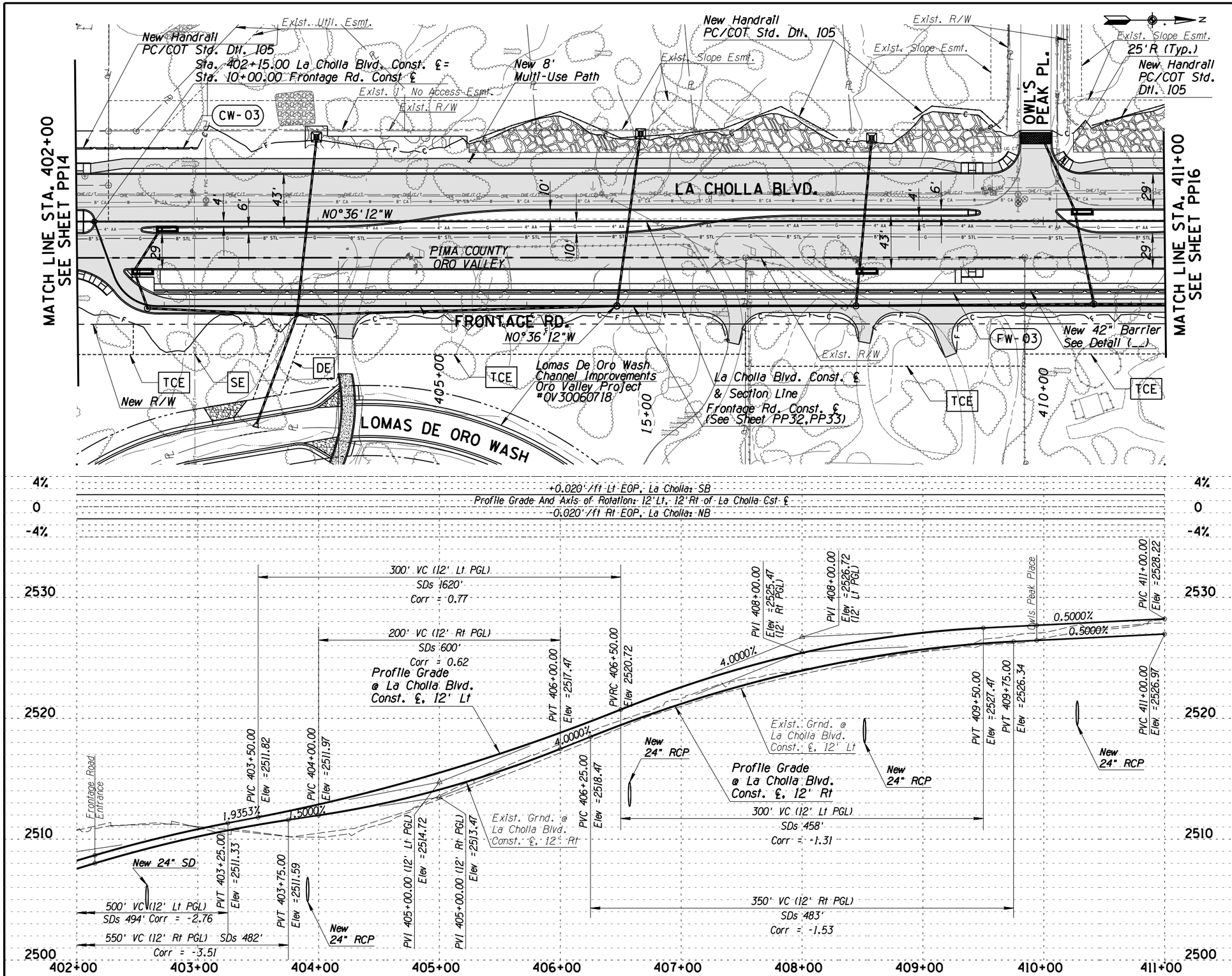

Notes:

- (CW-03) New Cut Wall, L=175'
- (SE) New Slope Easement
- (DE) New Drainage Easement
- (TCE) Temporary Construction Easement
- (FW-03) New Fill Wall, L=1091'

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

- Slope Protection
- New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP15 of PP33	Page 54 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 402+00 TO STA. 411+00
PROJECT NO. 4RTL TM

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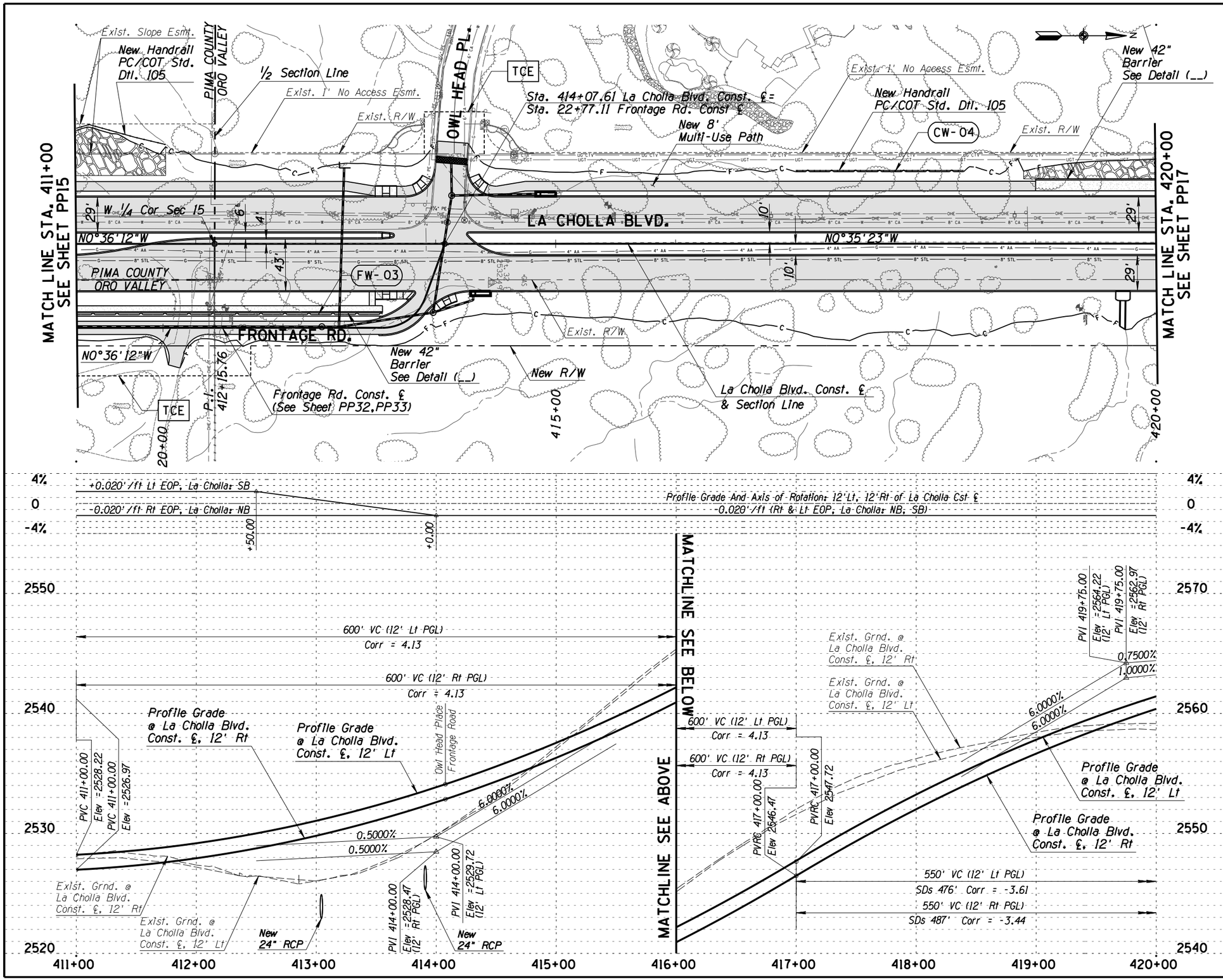

Notes:

- (CW-04) New Cut Wall, L=140'
- [TCE] Temporary Construction Easement
- (FW-03) New Fill Wall, L=1091'

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP16 of PP33	Page 55 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-4800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 411+00 TO STA. 420+00
PROJECT NO. 4RTLTM

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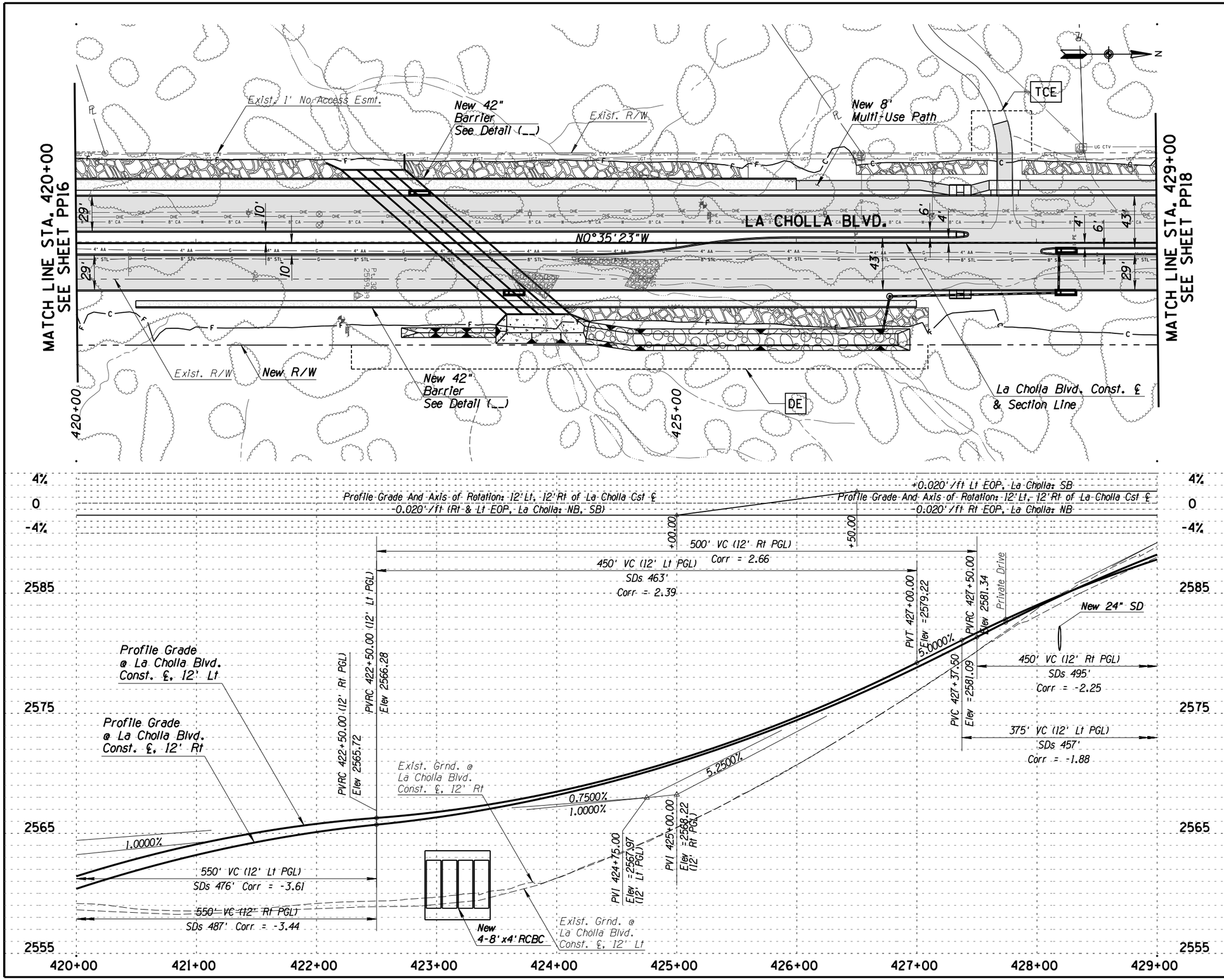
eric.sibson



Notes:

DE New Drainage Easement

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP17 of PP33	Page 56 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 420+00 TO STA. 429+00
PROJECT NO. 4RTLTM

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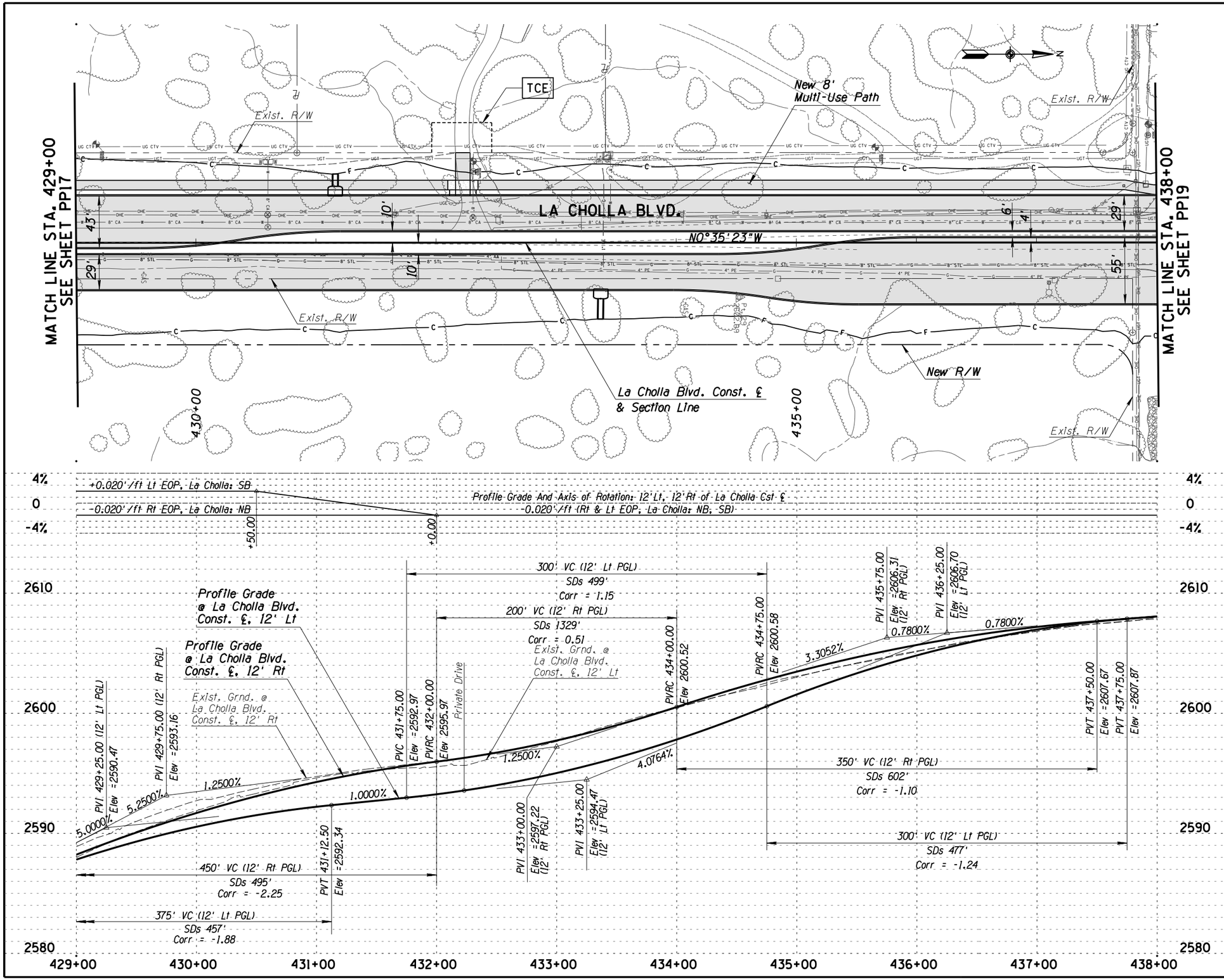
eric_sibson



Notes:

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1" = 40 / Vert. 1" = 4	Sheet PP18 of PP33	Page 57 of 89

Priscilla S. Cornelio P.E., Director

Pima County Department of Transportation

	Designed	Drawn	Checked	Proj. Mgr.
	TWW	AA	BR	EJS
Date	04/10	04/10	04/10	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 429+00 TO STA. 438+00
PROJECT NO. 4RTLTM

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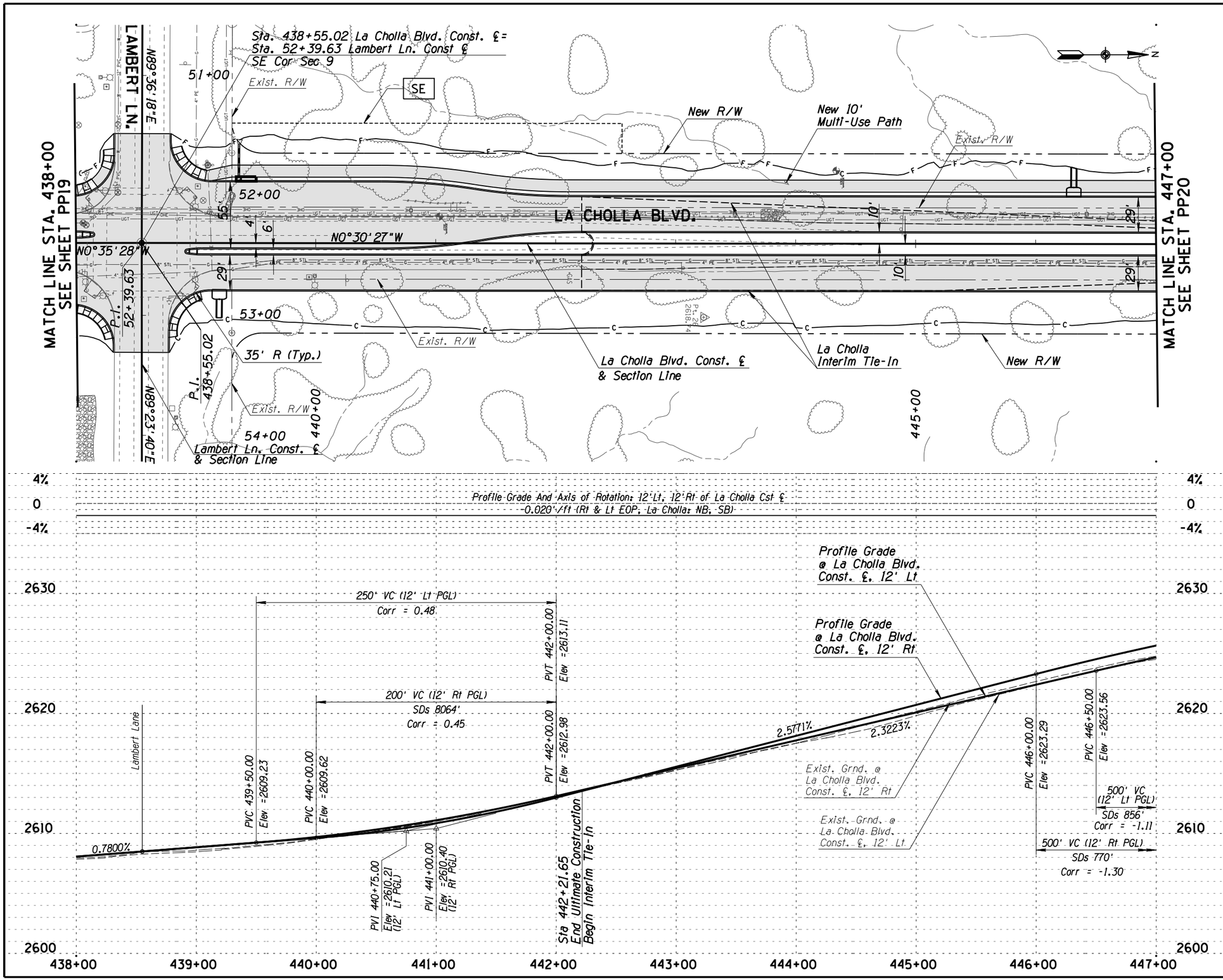

Notes:

SE New Slope Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP19 of PP33	Page 58 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	Date 04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 438+00 TO STA. 447+00
PROJECT NO. 4RTLTM

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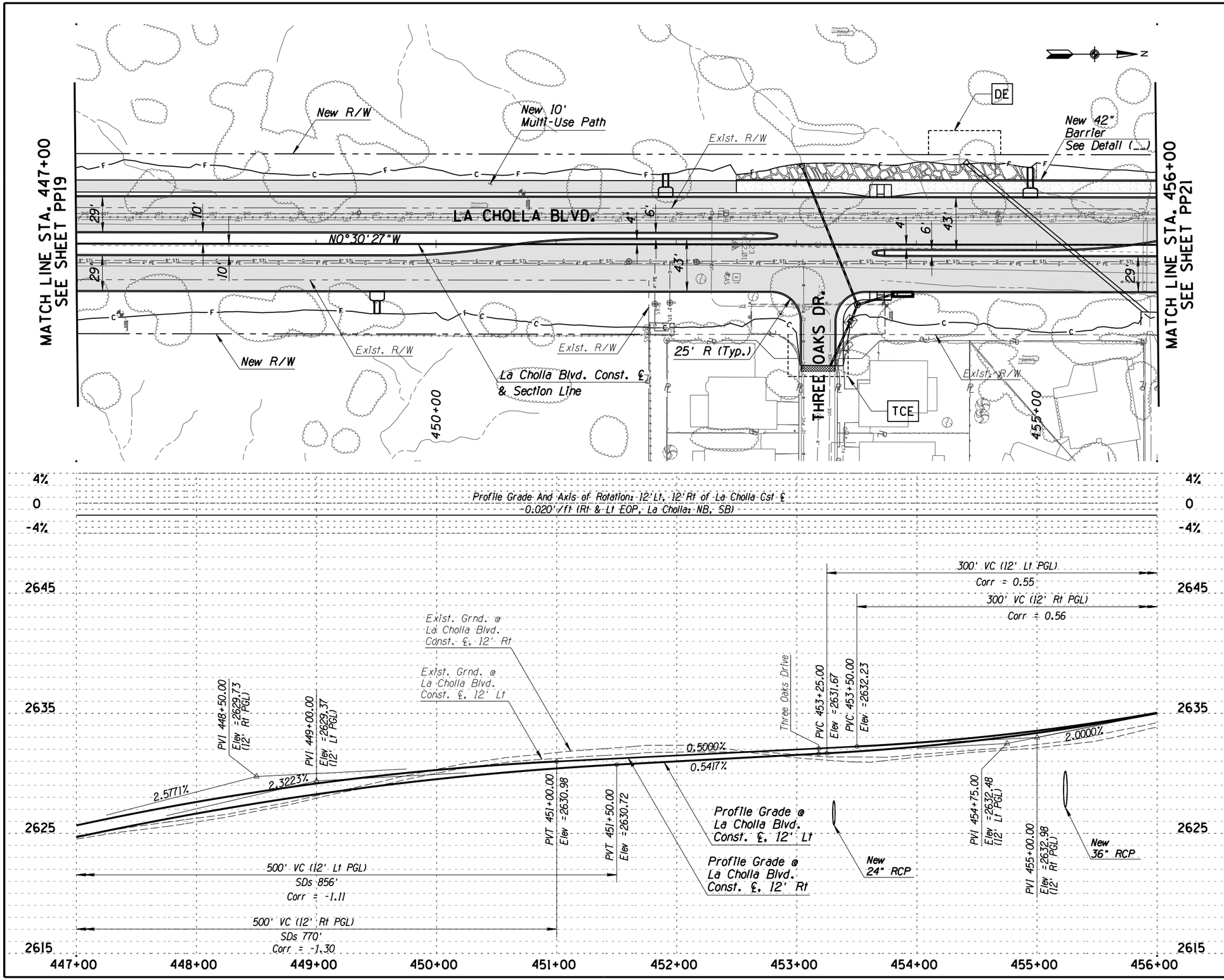

Notes:

DE New Drainage Easement

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet PP20 of PP33

Page 59 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 447+00 TO STA. 456+00
PROJECT NO. 4RTLTM

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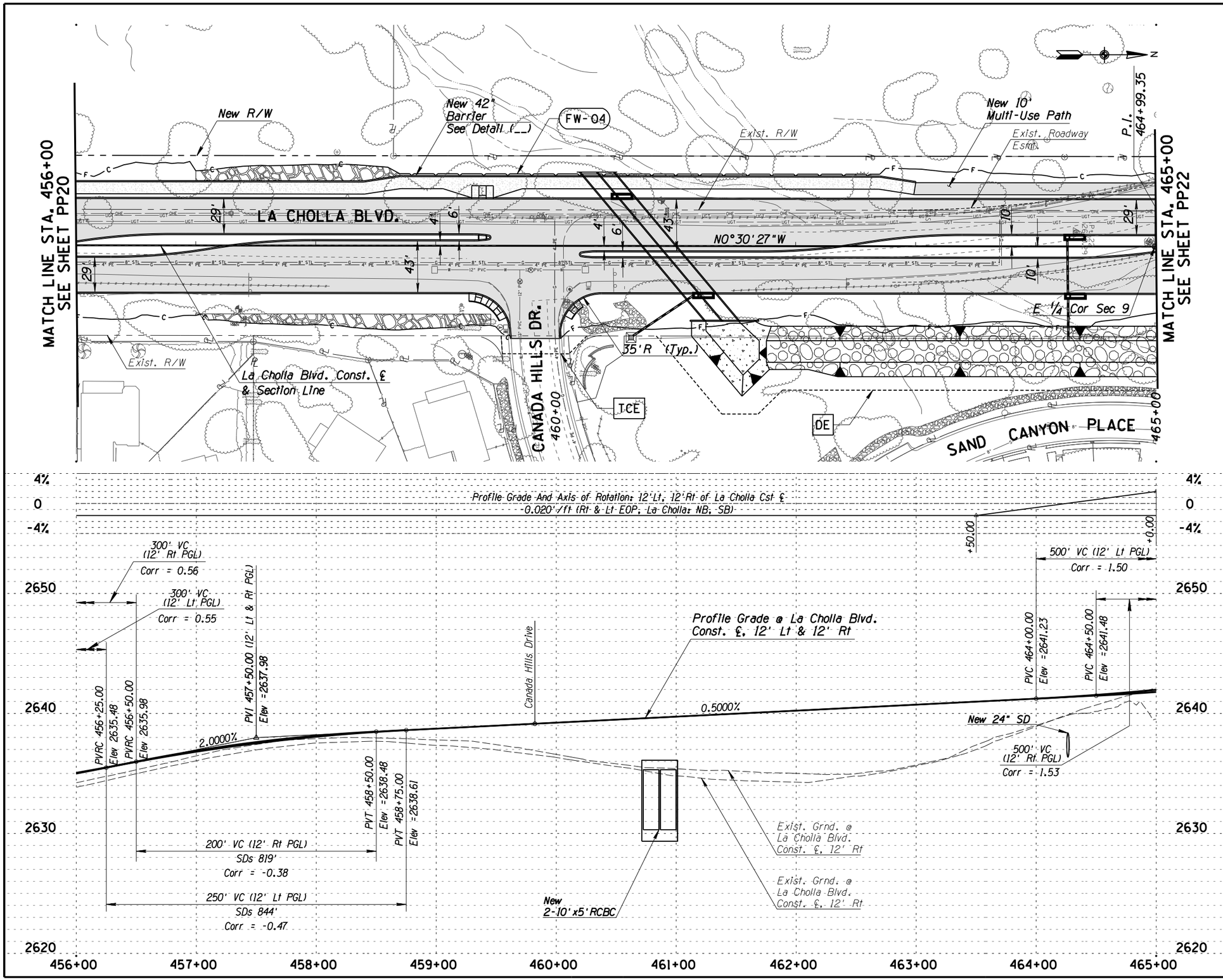

Notes:

FW-04 New Fill Wall, L=400'

DE New Drainage Easement

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP21 of PP33	Page 60 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 456+00 TO STA. 465+00
PROJECT NO. 4RTLTM

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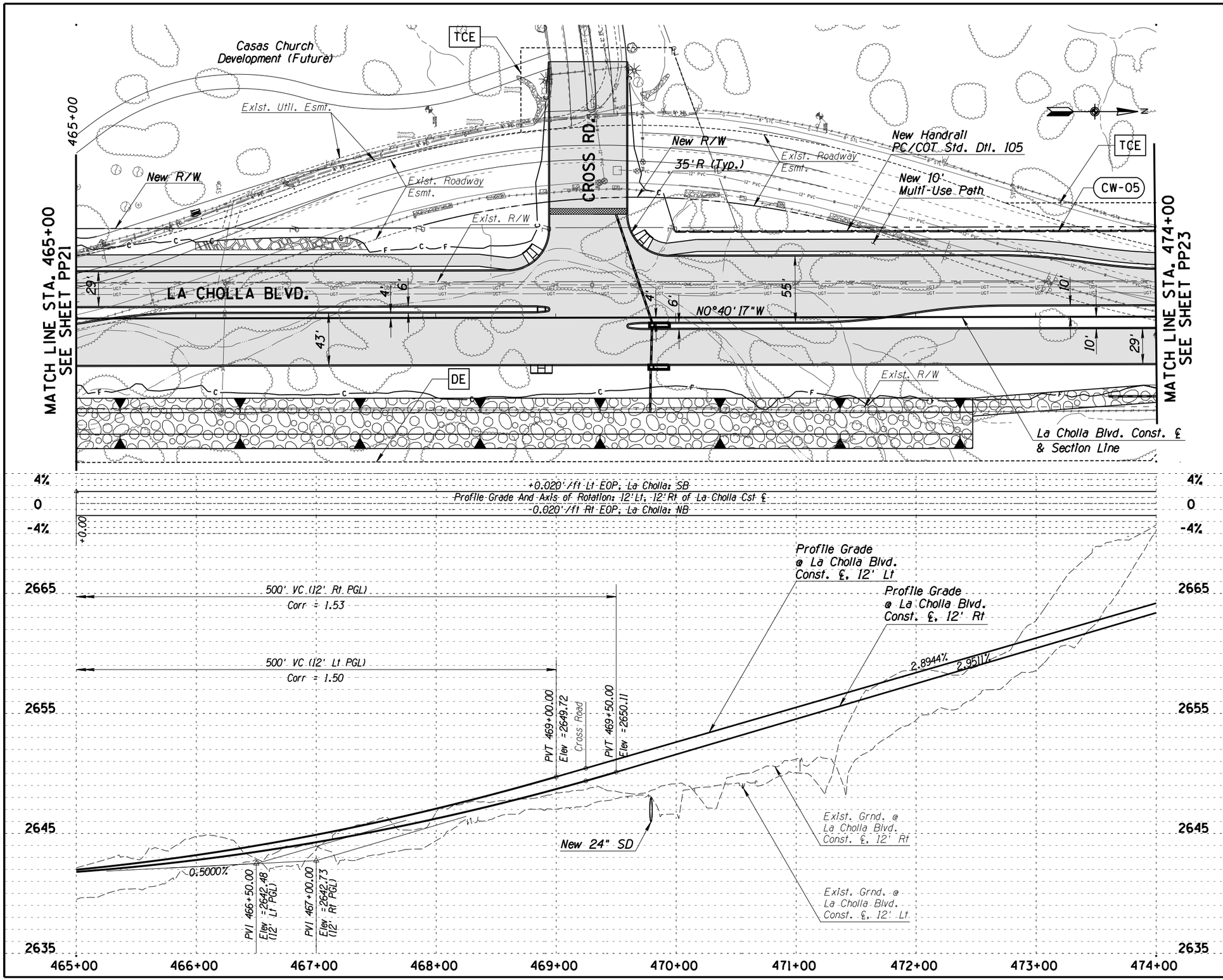

Notes:

- DE — New Drainage Easement
- TCE — Temporary Construction Easement
- CW-05 — New Cut Wall, L=400'

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

- Slope Protection
- New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP22 of PP33	Page 61 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

	Designed	Drawn	Checked	Proj. Mgr.
	TWW	AA	BR	EJS
Date	04/10	04/10	04/10	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 465+00 TO STA. 474+00
PROJECT NO. 4RTL TM

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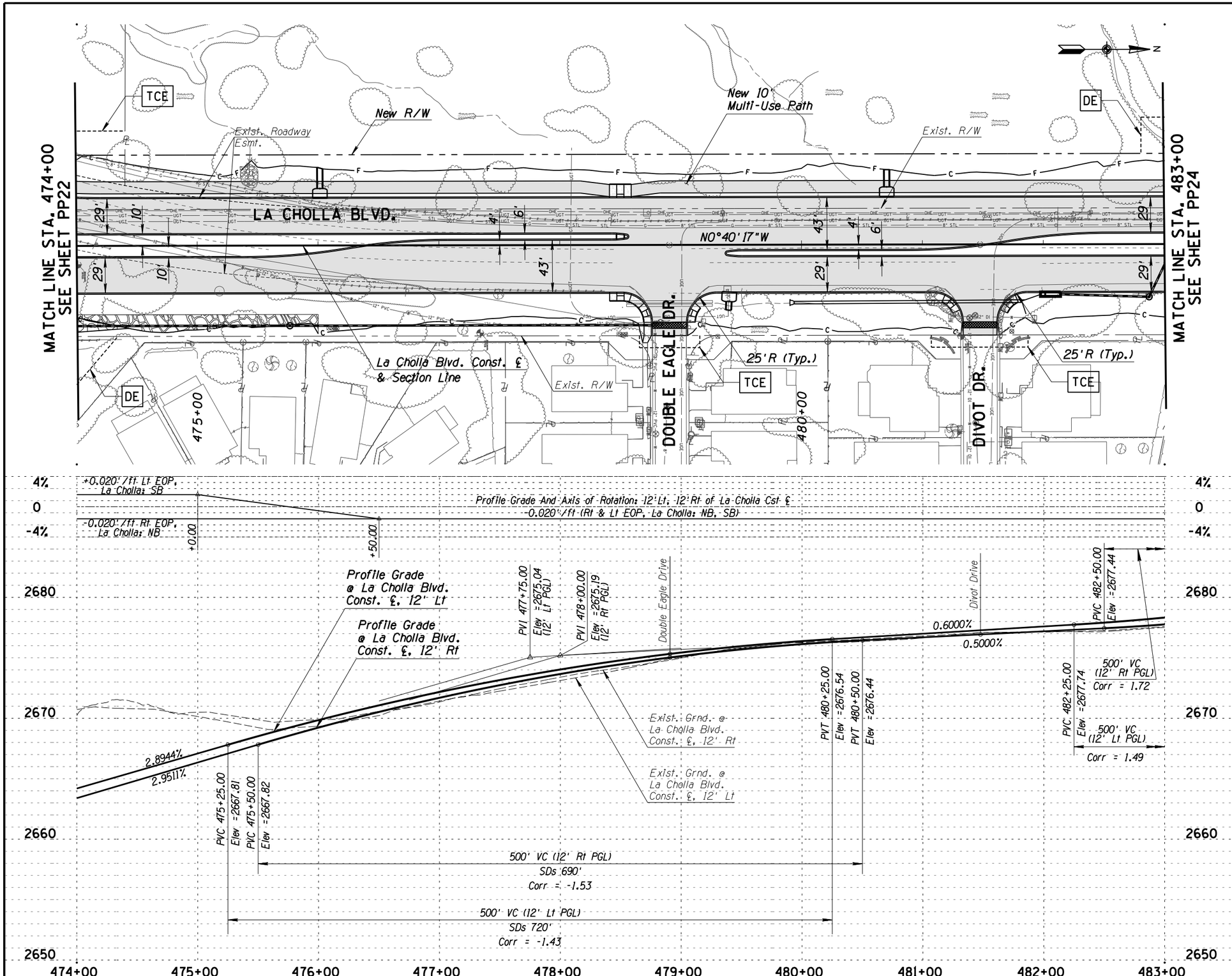
eric_sibson



Notes:

DE New Drainage Easement

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet PP23 of PP33

Page 62 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 474+00 TO STA. 483+00
PROJECT NO. 4RTLTM

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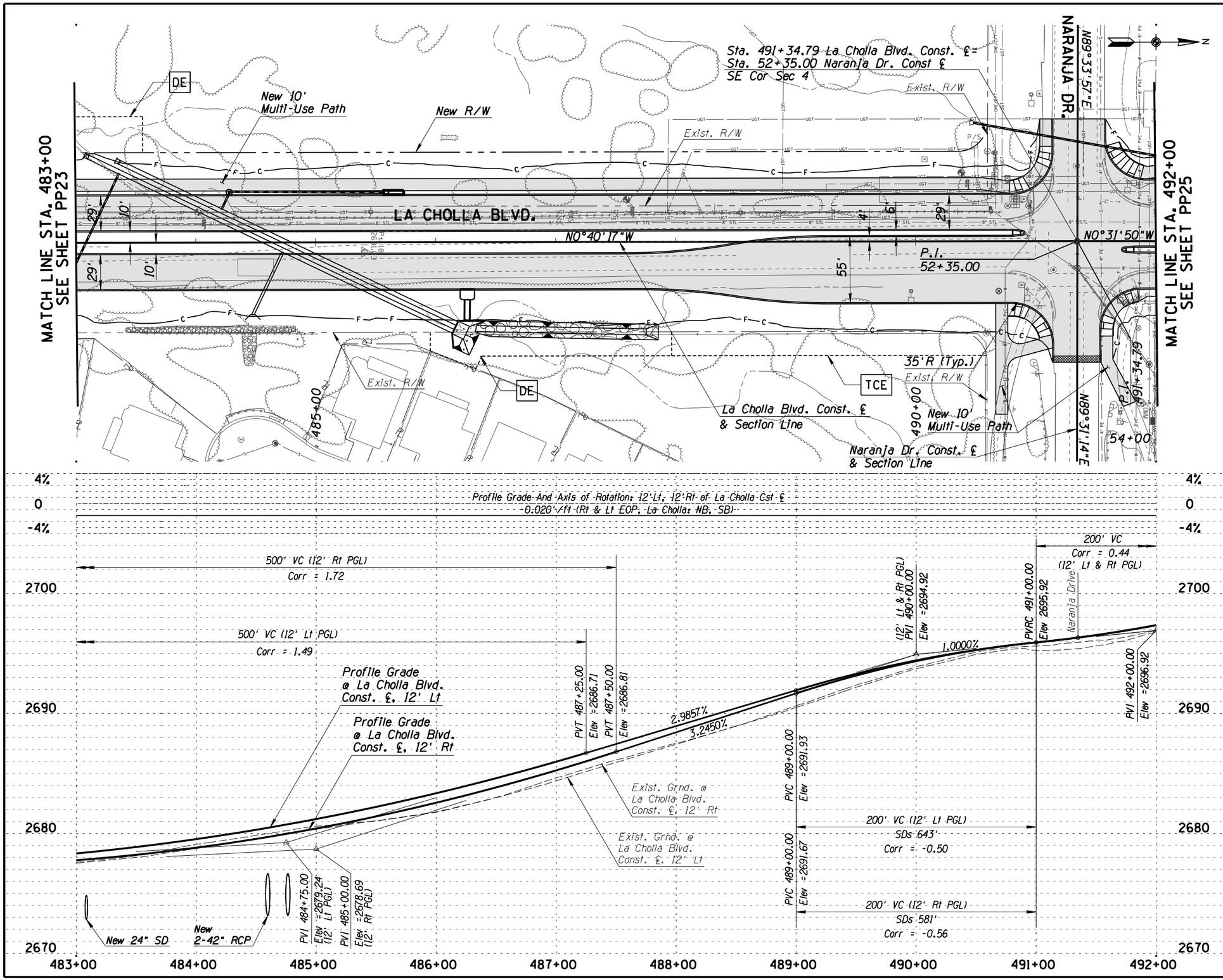
eric_sibson



Notes:

DE — New Drainage Easement

TCE — Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP24 of PP33	Page 63 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 483+00 TO STA. 492+00
PROJECT NO. 4RTLTM

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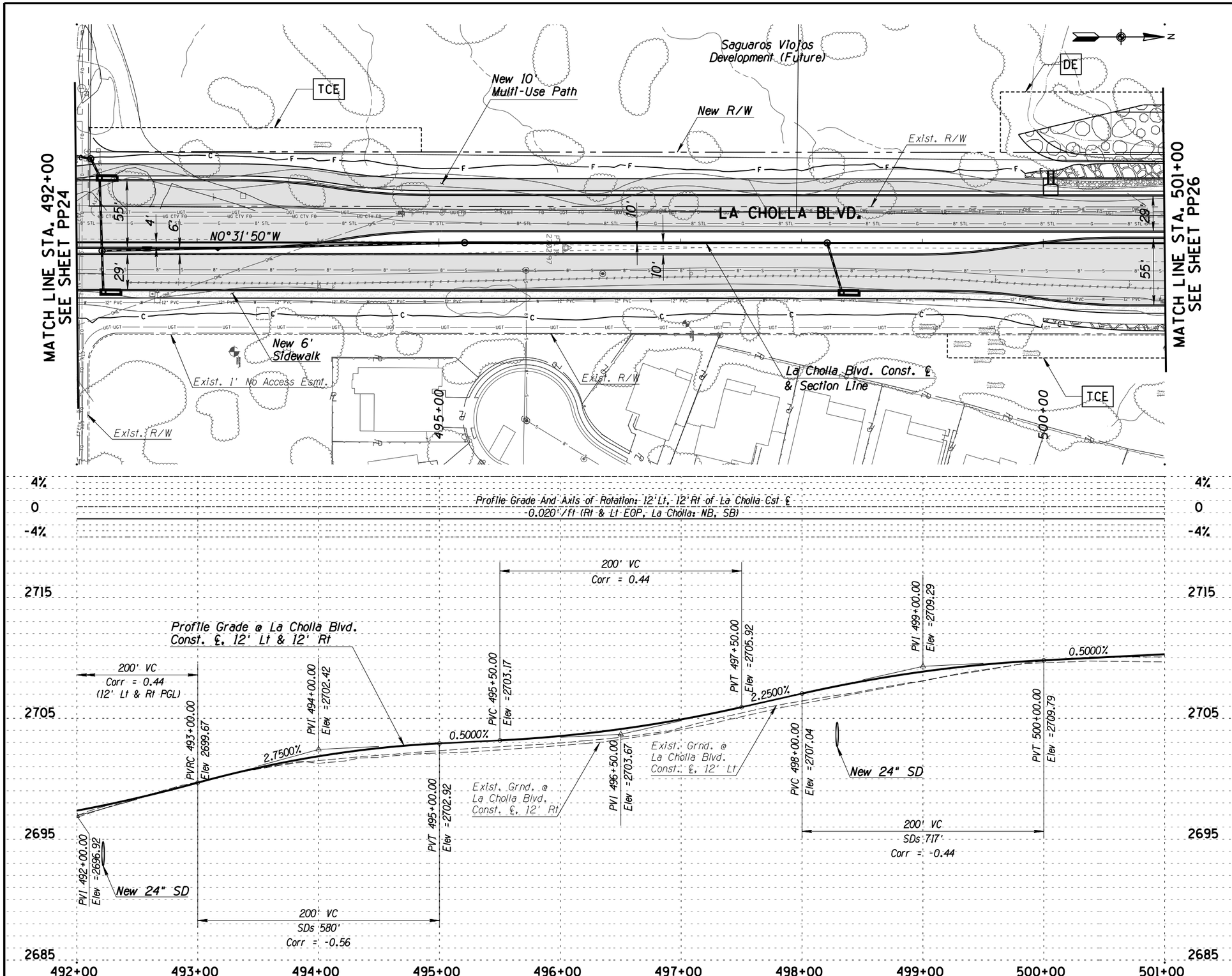

Notes:

DE New Drainage Easement

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40	Sheet PP25 of PP33
	Vert. 1"= 4	

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

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PRELIMINARY-NOT FOR CONSTRUCTION

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333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 492+00 TO STA. 501+00
PROJECT NO. 4RTLTM

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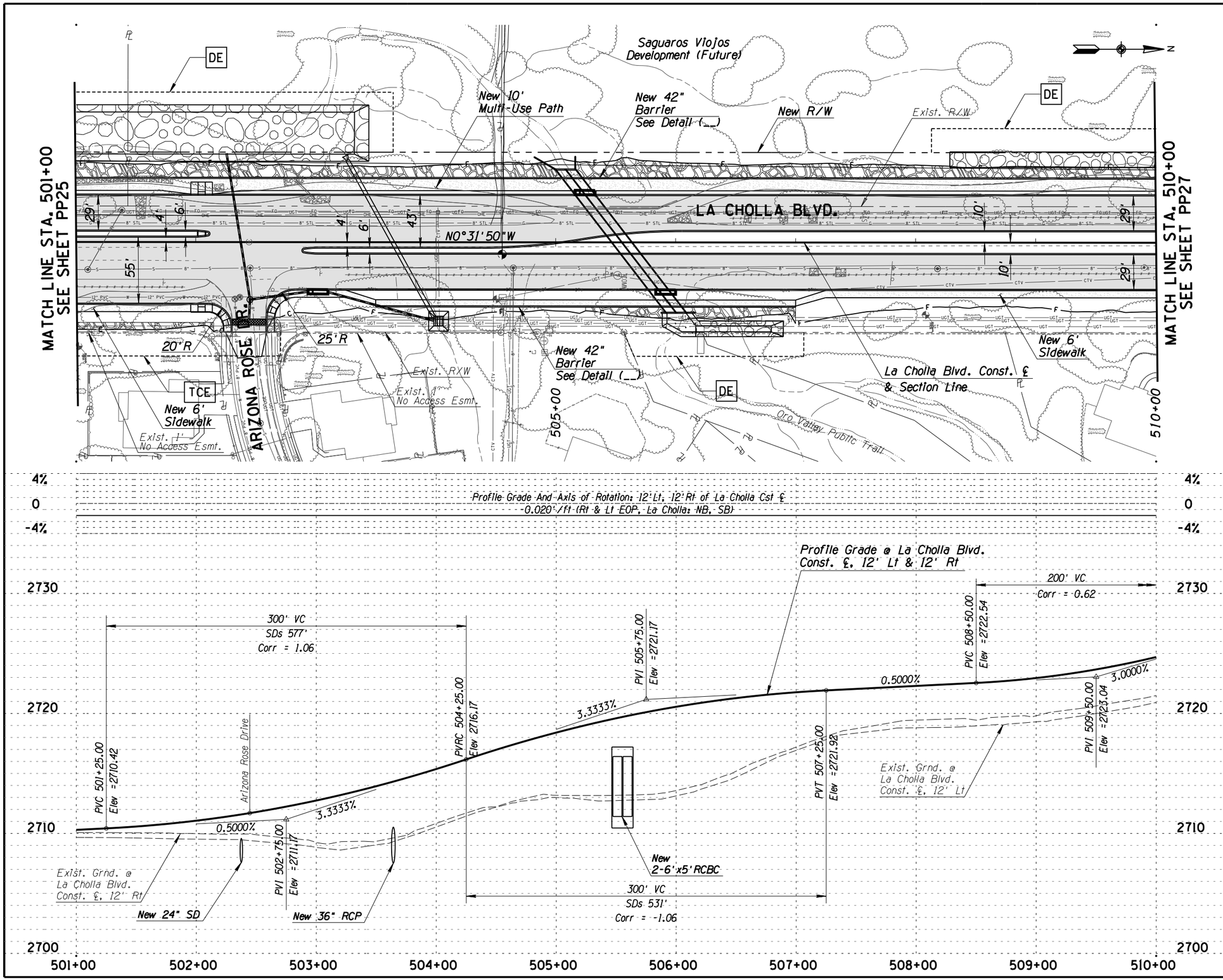

Notes:

DE New Drainage Easement

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP26 of PP33	Page 65 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 501+00 TO STA. 510+00
PROJECT NO. 4RTLTM

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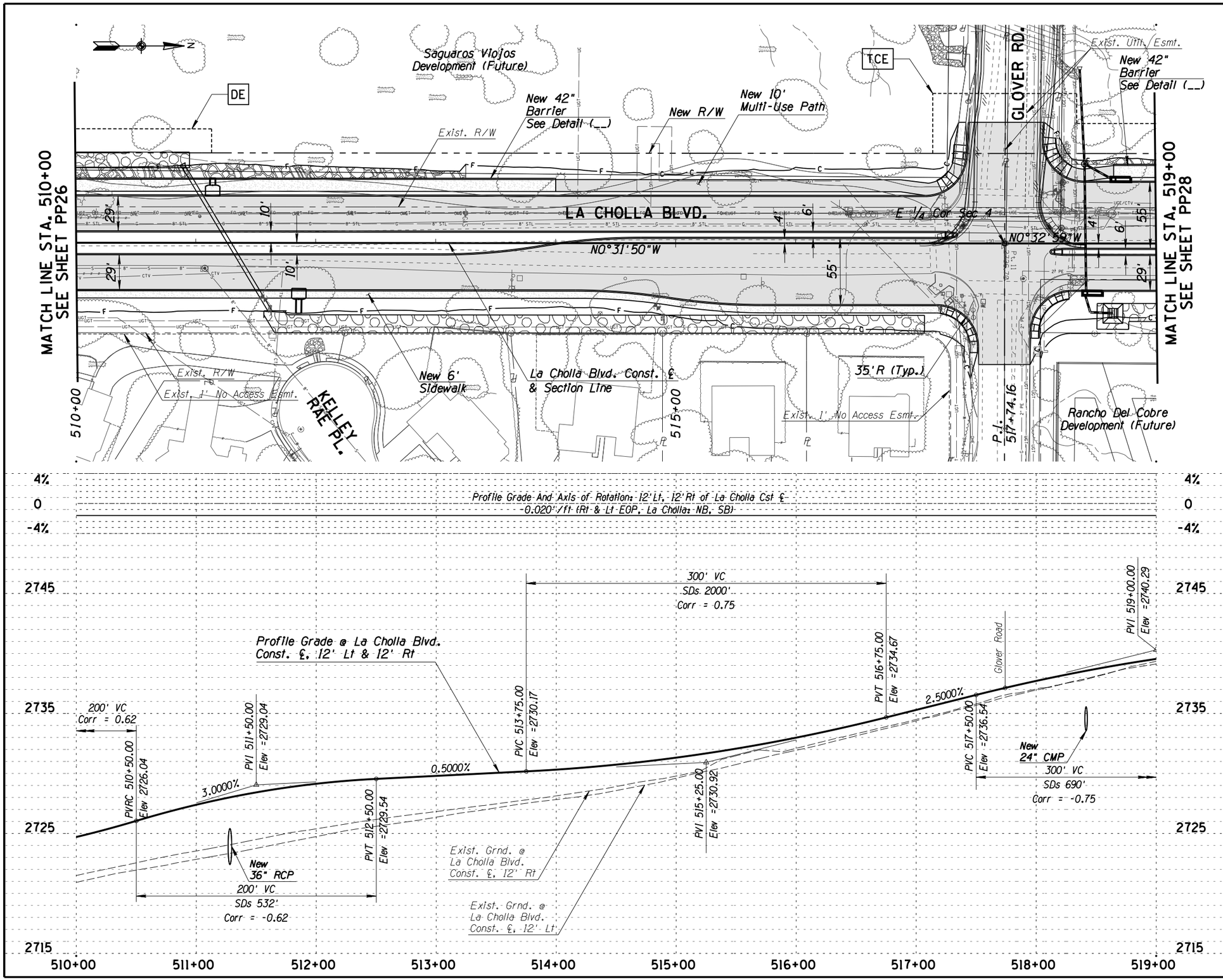

Notes:

DE New Drainage Easement

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet PP27 of PP33

Page 66 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
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phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 510+00 TO STA. 519+00
PROJECT NO. 4RTLTM

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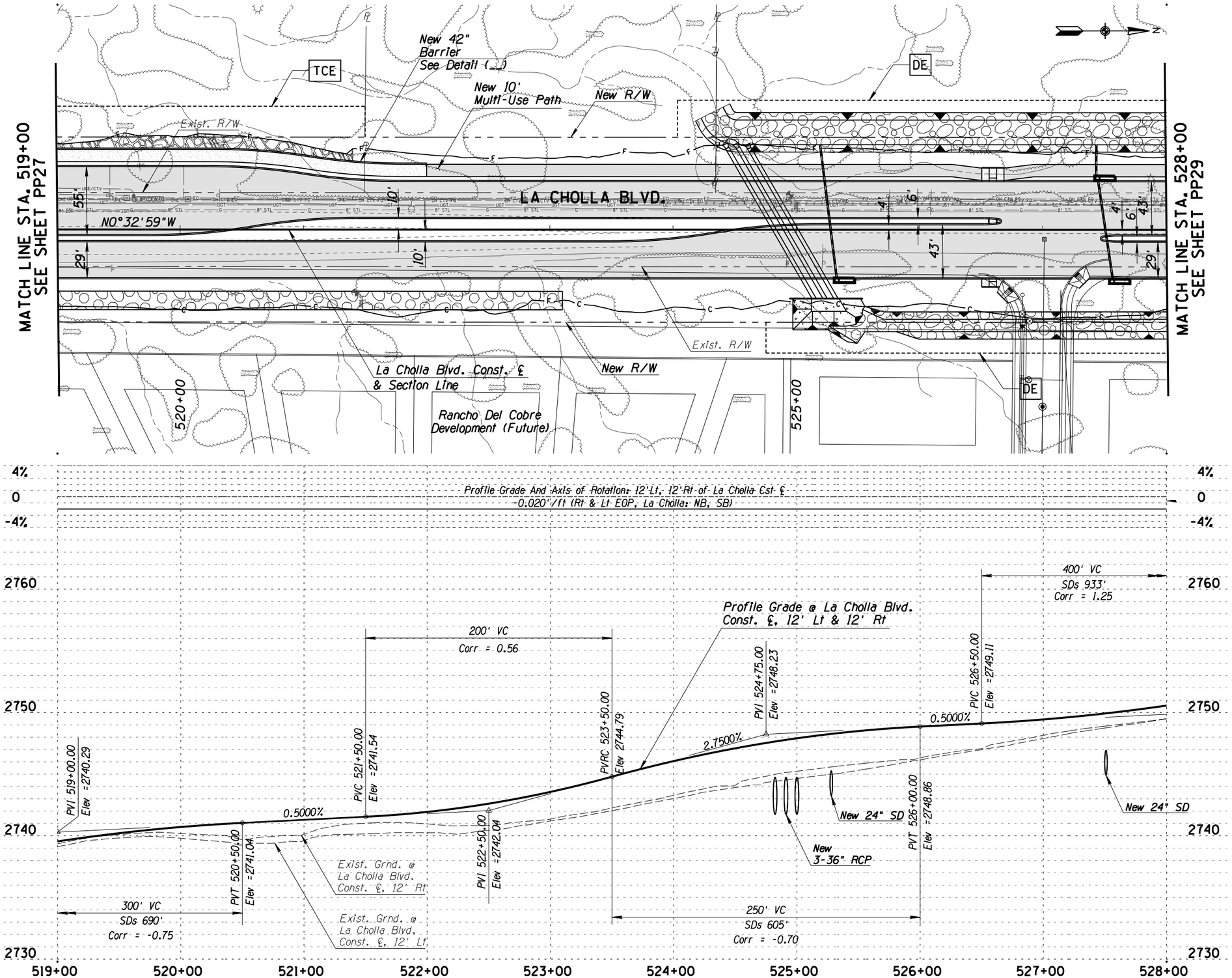
eric_sibson



Notes:

DE — New Drainage Easement

TCE — Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP28 of PP33	Page 67 of 89

Priscilla S. Cornelio P.E., Director

Pima County Department of Transportation

	Designed	Drawn	Checked	Proj. Mgr.
	TWW	AA	BR	EJS
Date	04/10	04/10	04/10	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 519+00 TO STA. 528+00
PROJECT NO. 4RTLTM

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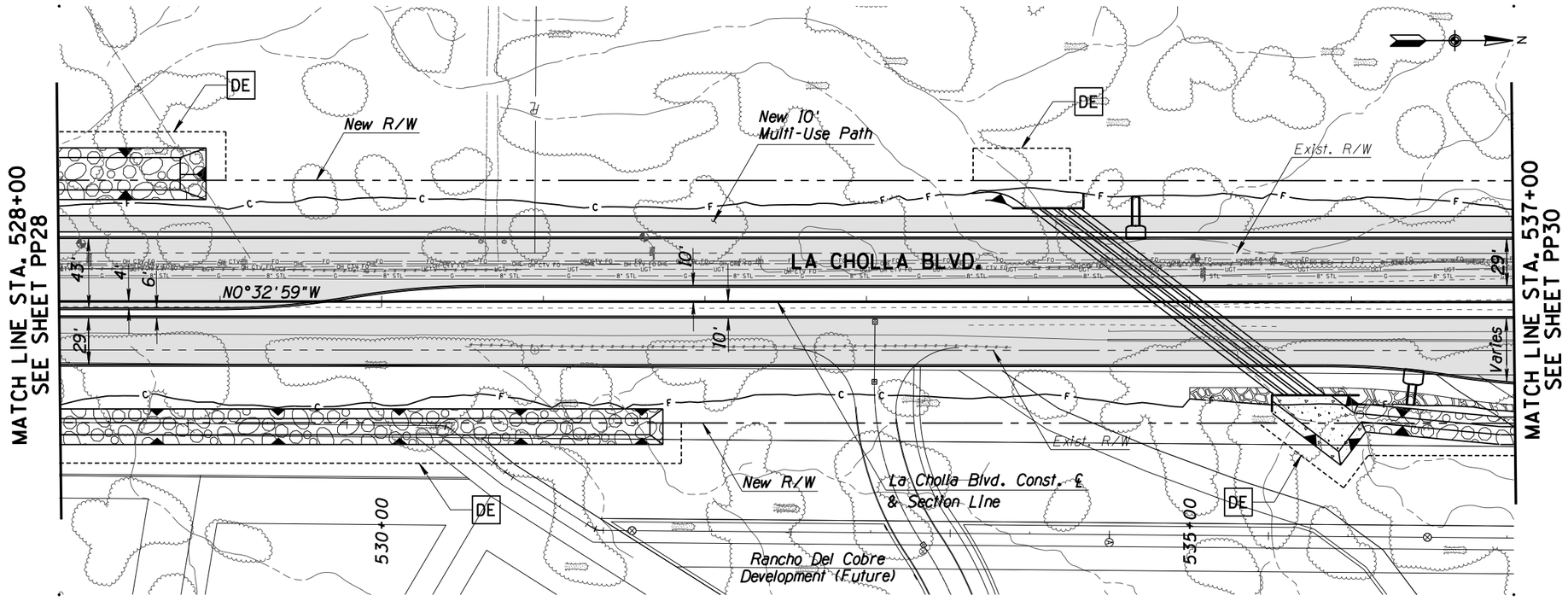

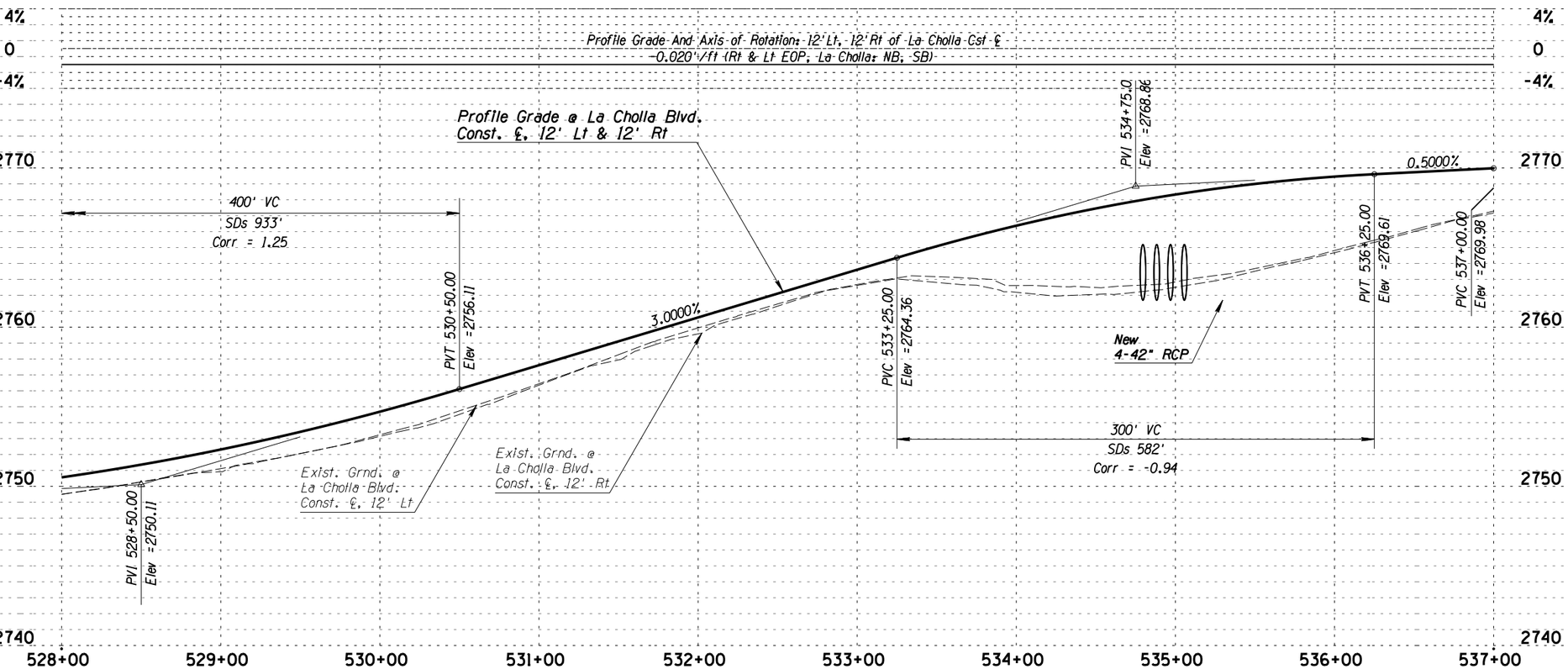

Notes:

DE New Drainage Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP29 of PP33	Page 68 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

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PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 528+00 TO STA. 537+00
PROJECT NO. 4RTLTM

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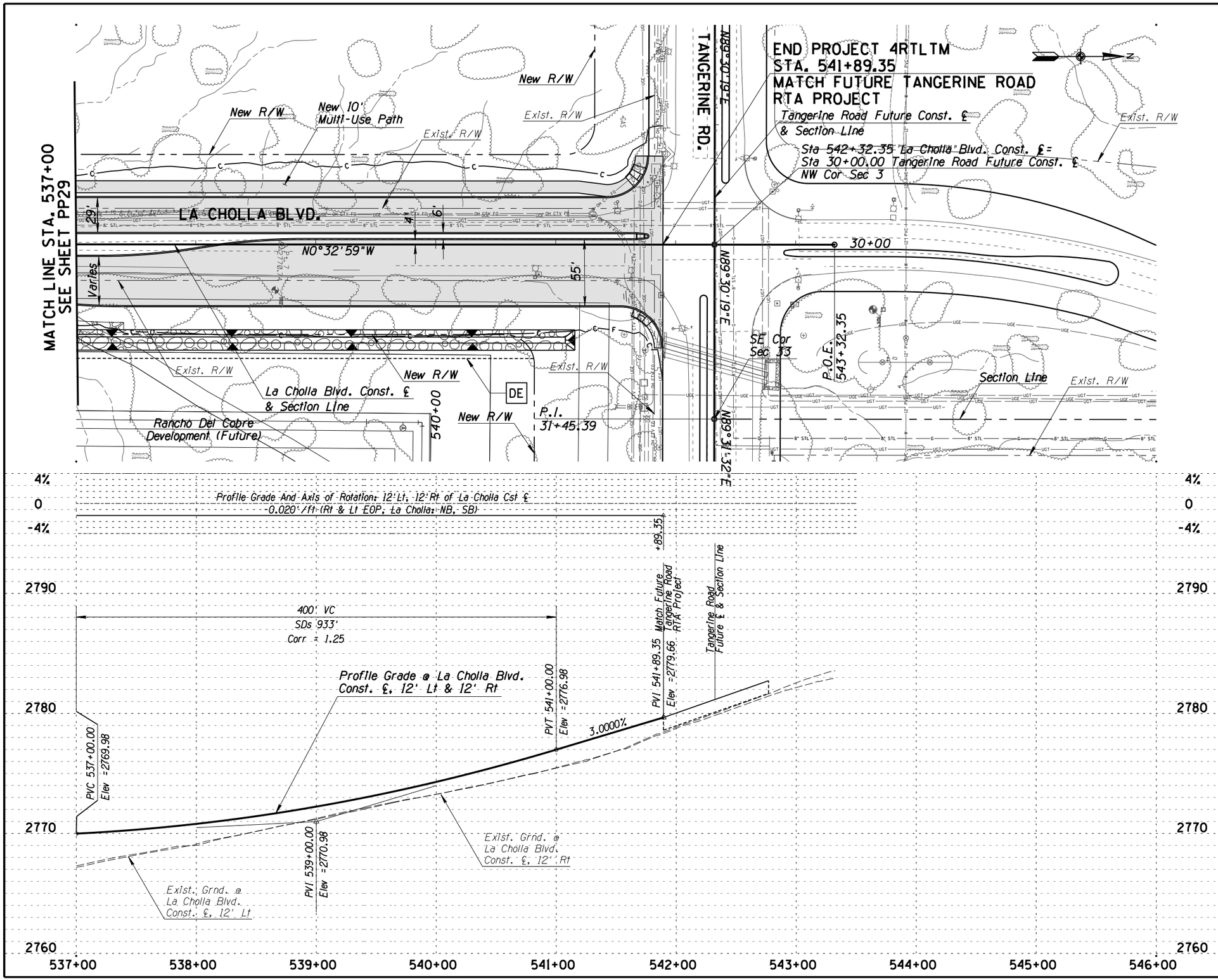
eric_sibson



Notes:

DE New Drainage Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP30 of PP33	Page 69 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 537+00 TO STA. 541+89.42
PROJECT NO. 4RTLTM

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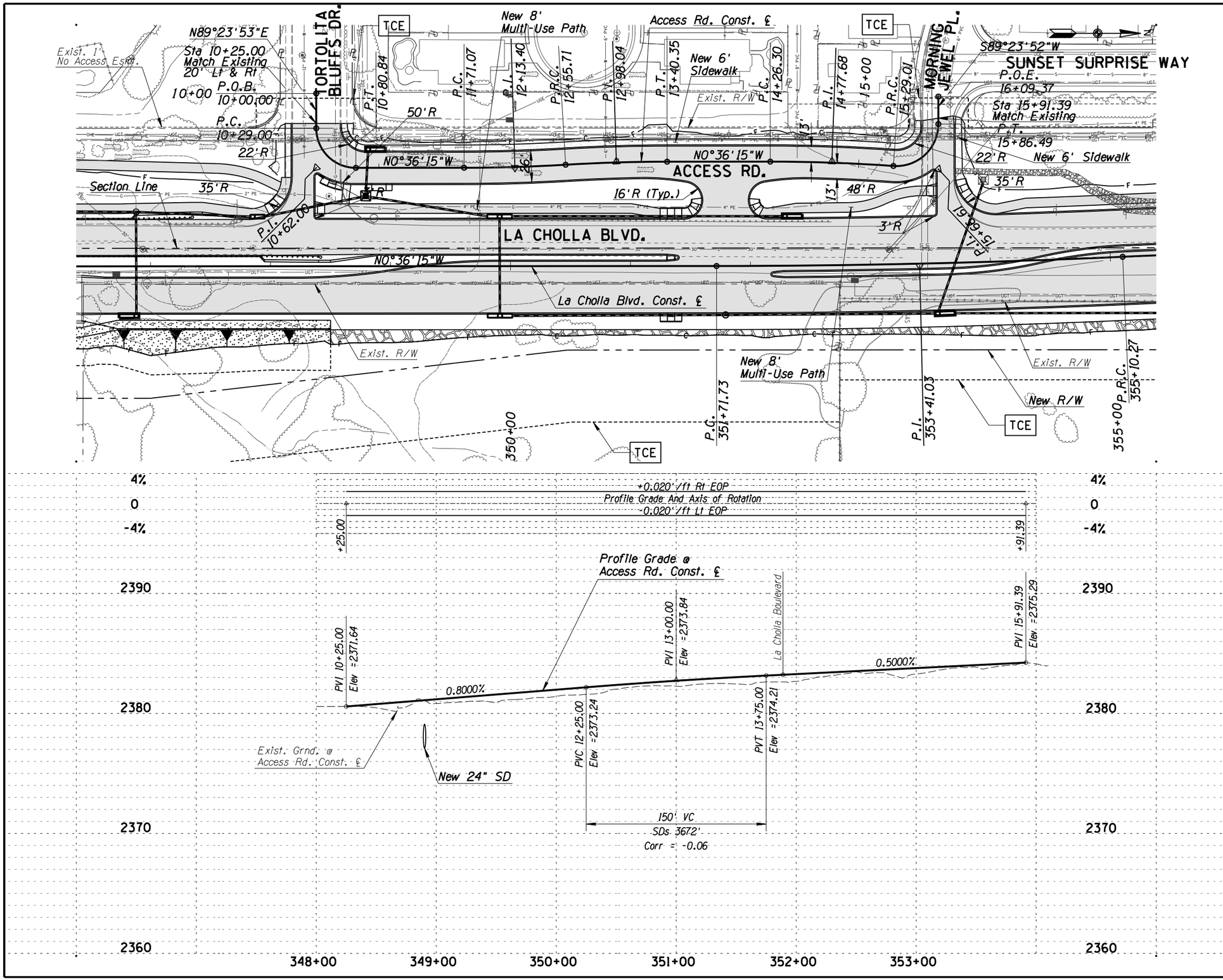

Notes:

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet PP31 of PP33

Page 70 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
ACCESS ROAD
STA. 10+00 TO STA. 16+09.37
PROJECT NO. 4RTLTM

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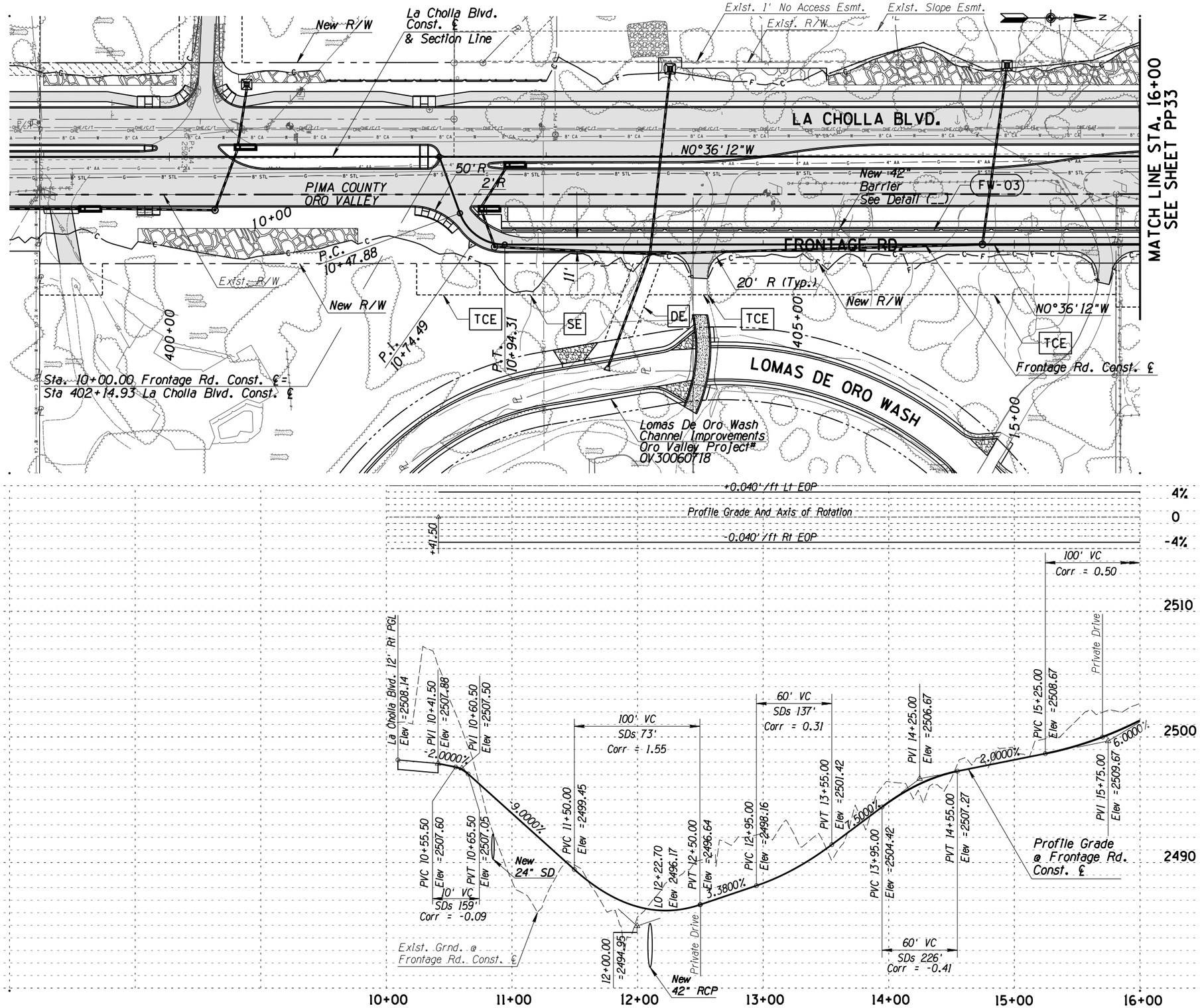
eric_sibson



Notes:

- (FW-03) New Fill Wall, L=1091'
- [SE] New Slope Easement
- [DE] New Drainage Easement
- [TCE] Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

- Slope Protection
- New Drainage Channel

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet PP32 of PP33

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

ROADWAY PLAN AND PROFILE
FRONTAGE ROAD
STA. 10+00 TO STA. 16+00
PROJECT NO. 4RTLTM

Pima County Department of Transportation

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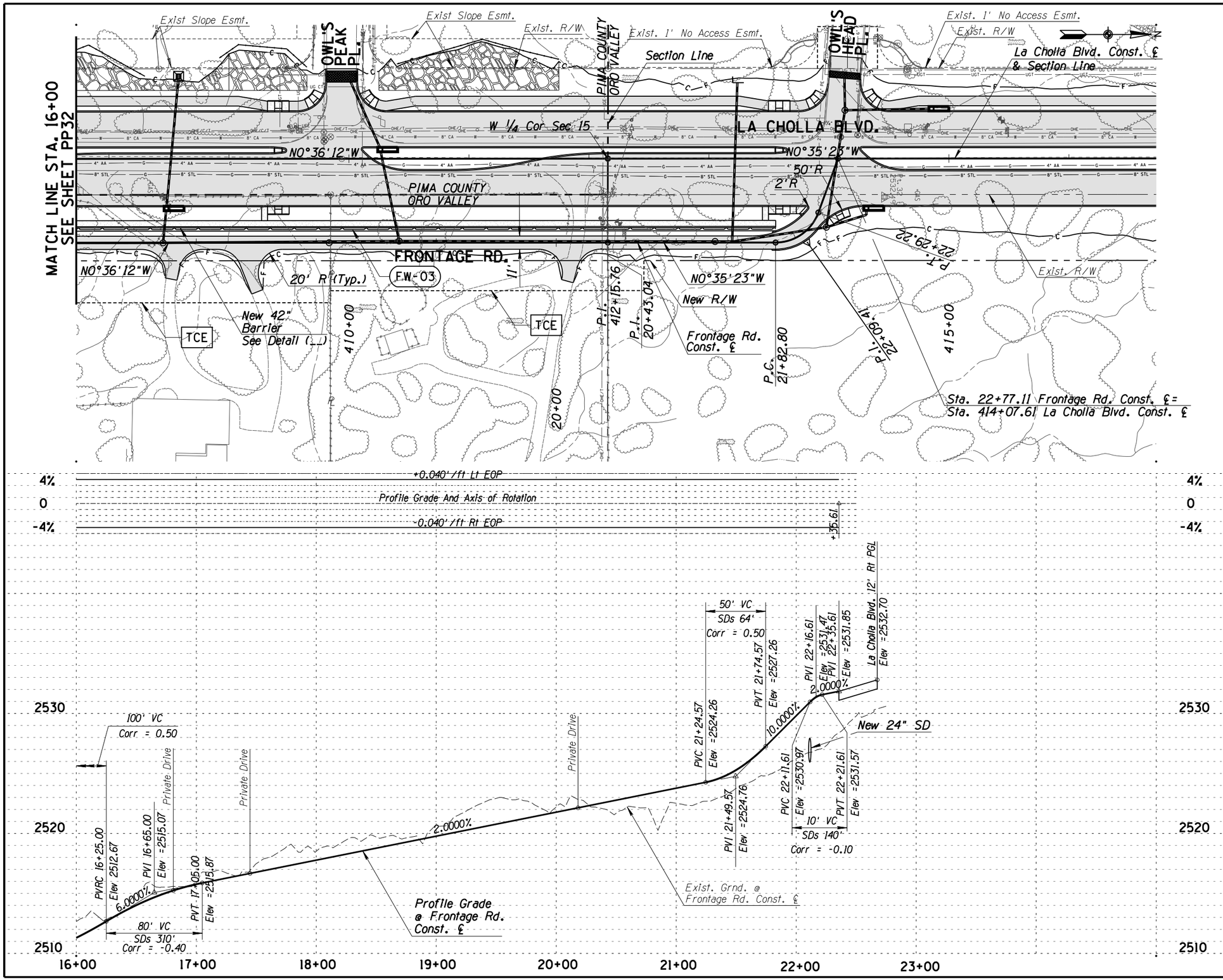

Notes:

FW-03 New Fill Wall, L=1091'

TCE Temporary Construction Easement

For Horizontal Control Geometric Data, see 'Horizontal Control' Sheets.

LEGEND

Slope Protection

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet PP33 of PP33

Page 72 of 89

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

ROADWAY PLAN AND PROFILE
FRONTAGE ROAD
STA. 16+00 TO STA. 22+77.11
PROJECT NO. 4RTLTM

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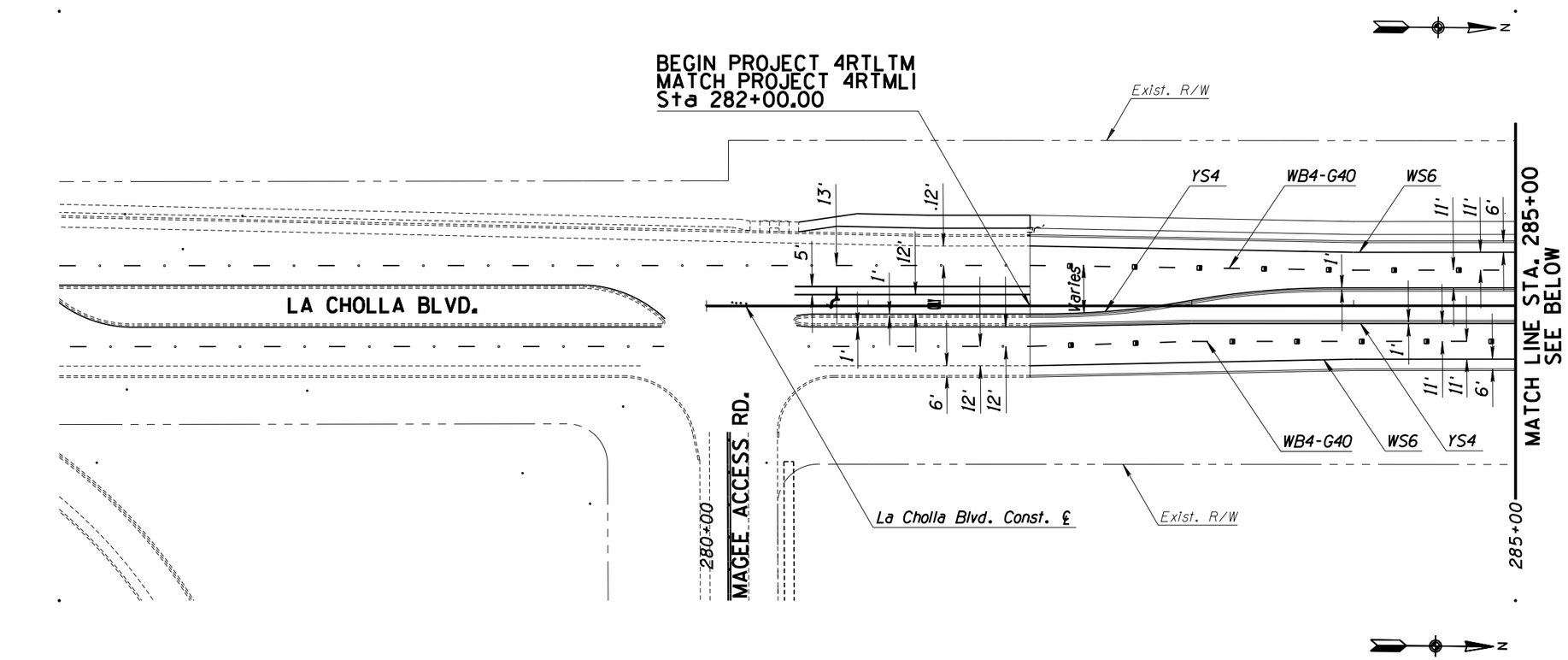

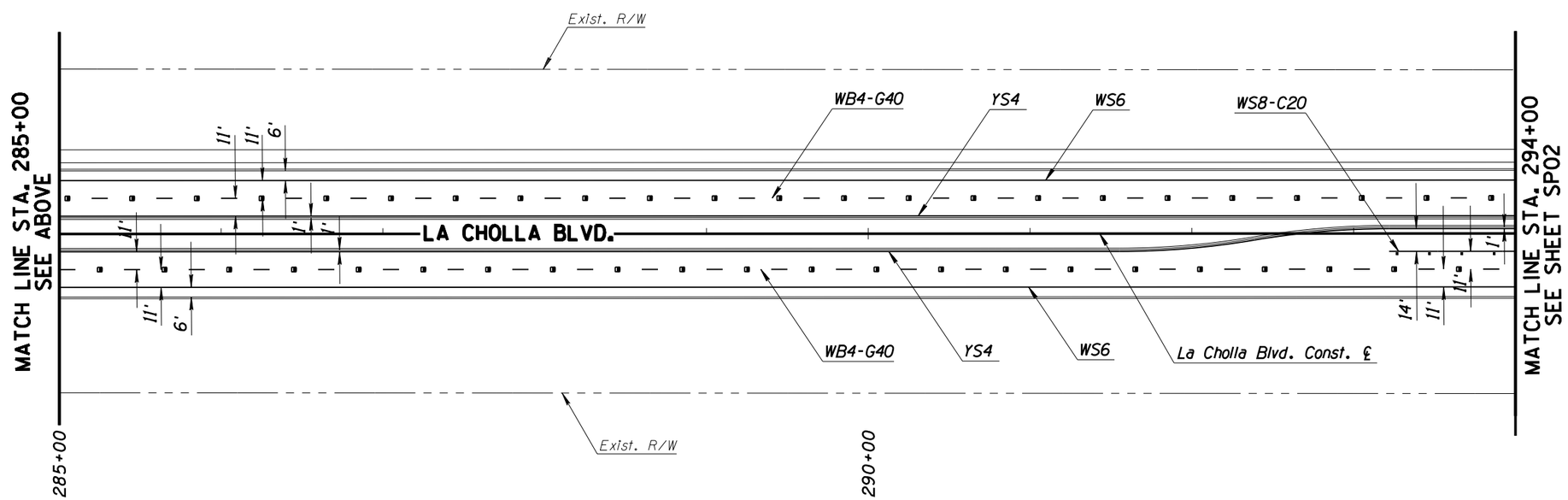

Notes:

See PCDOT and TDOT Traffic Engineering Division Pavement Marking Standards 2-8.5-14.5-15 for Stop Bar/Crosswalk Details. Also, see Dtl. 4-12 for Pavement Marking Symbol Design.

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4 | Sheet SP01 of SP15 | Page 73 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 282+00 TO STA. 294+00
PROJECT NO. 4RTLTM

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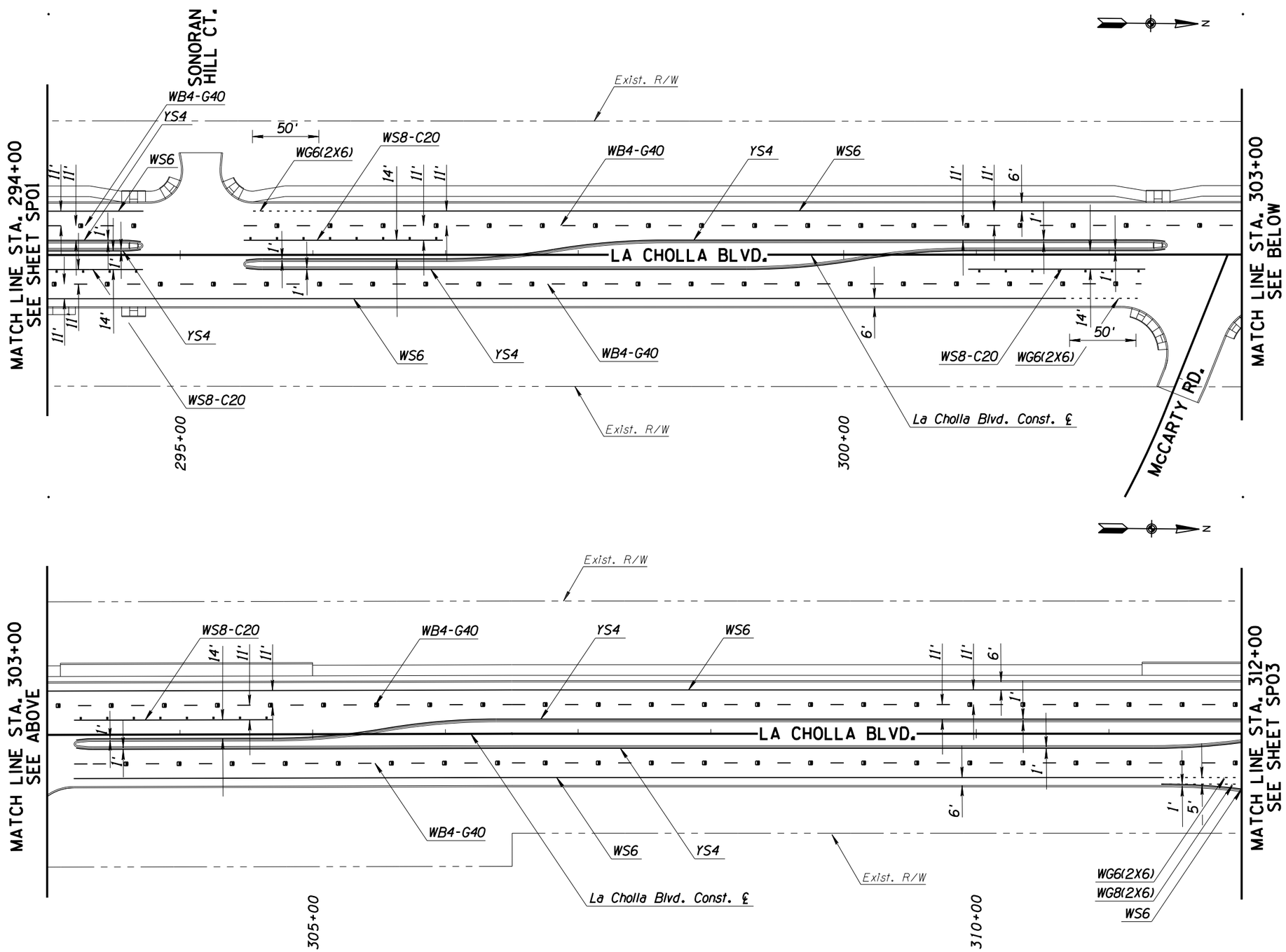
eric_sibson



Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Priscilla S. Cornelio P.E., Director

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

HORIZONTAL ROADWAY CONTROL
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 294+00 TO STA. 312+00
PROJECT NO. 4RTL TM

Scale	Horiz. 1"= 40	Sheet SP02 of SP15	Page 74 of 89
	Vert. 1"= 4		

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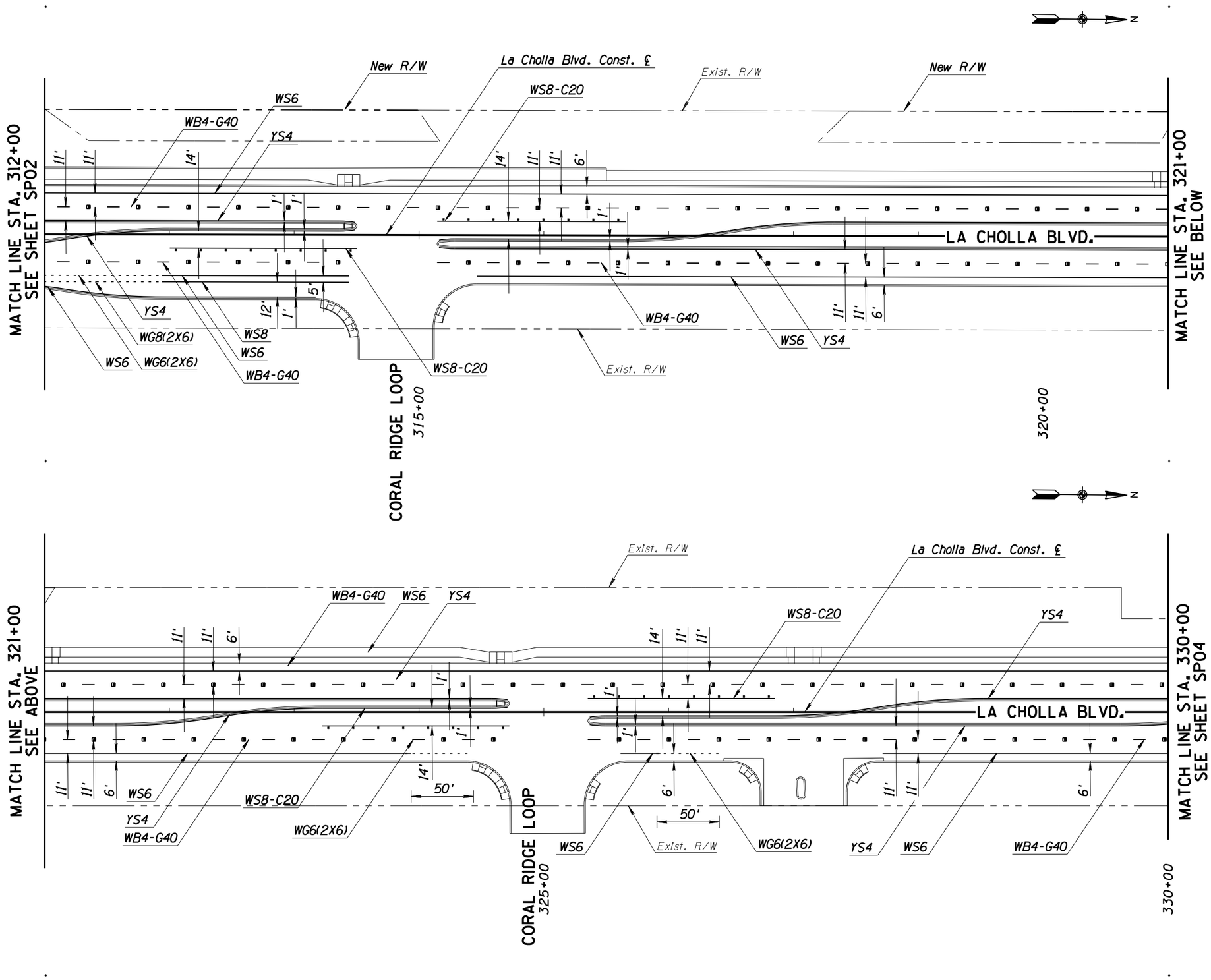

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 312+00 TO STA. 330+00
PROJECT NO. 4RTLTM

Scale Horiz. 1"= 40 Vert. 1"= 4 | Sheet SP03 of SP15 | Page 75 of 89

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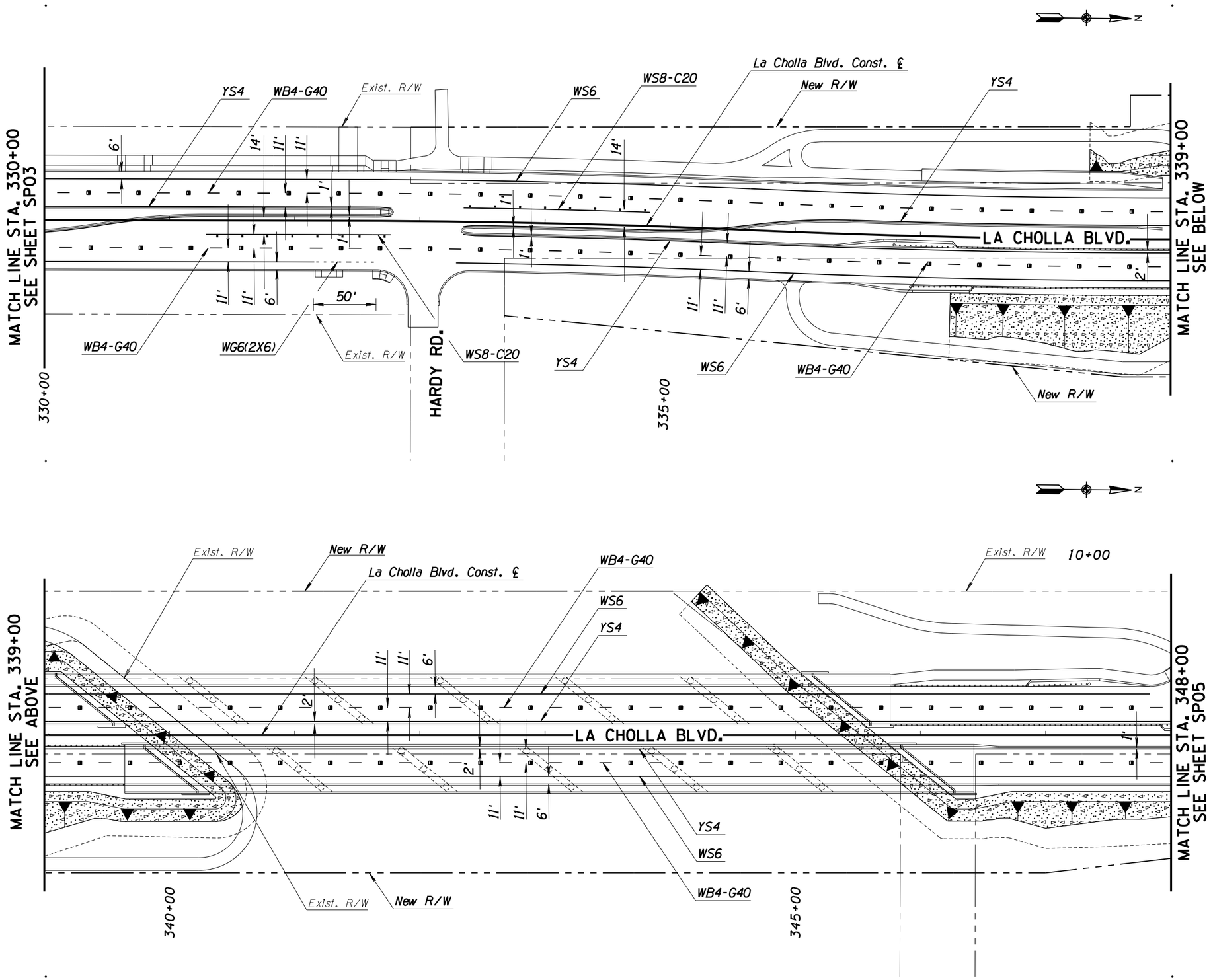

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet SP04 of SP15	Page 76 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

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URS
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Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLAN
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 330+00 TO STA. 348+00
PROJECT NO. 4RTLTM

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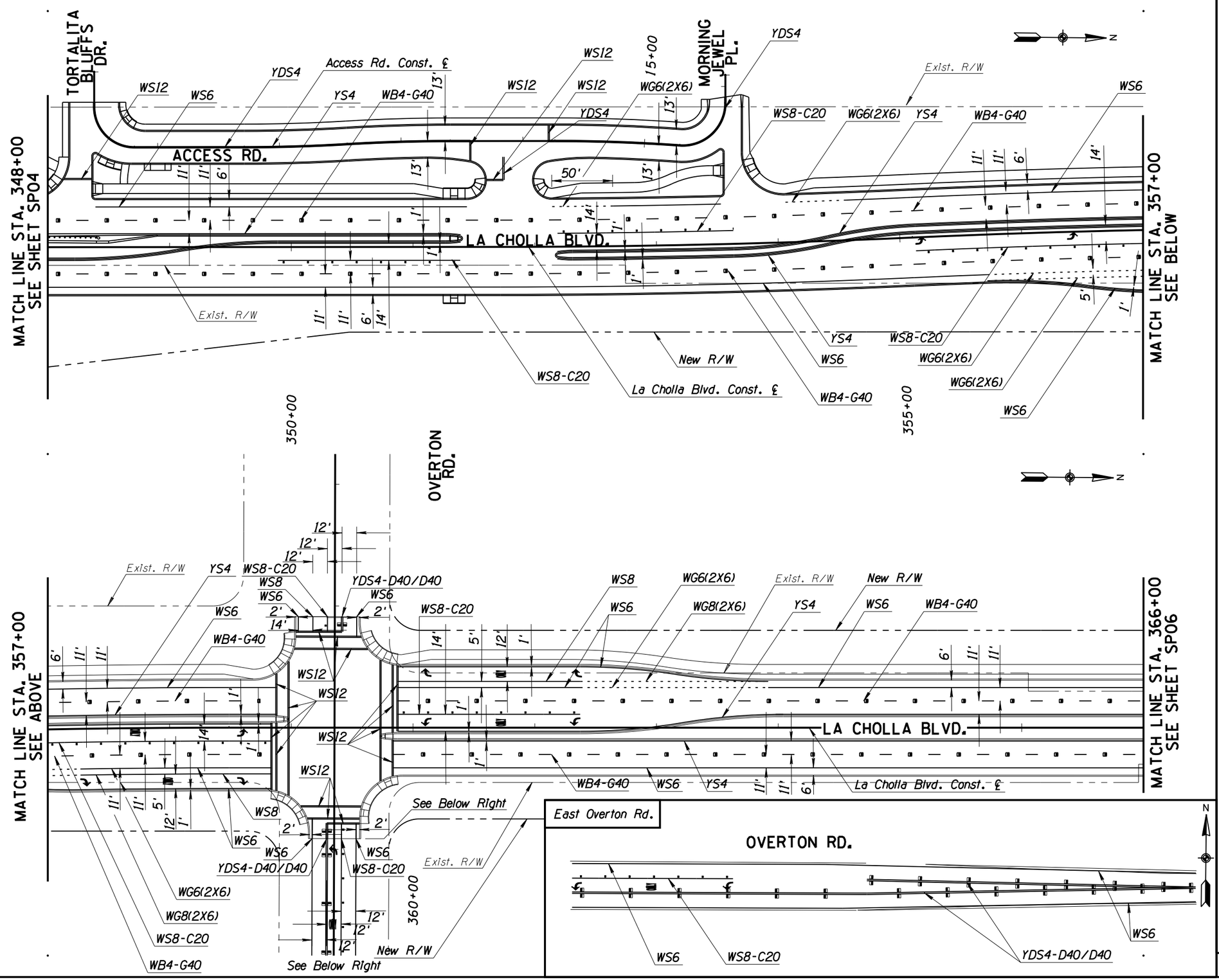

Notes:

See PCDOT and TDOT Traffic Engineering Division Pavement Marking Standards 2-8.5-14.5-15 for Stop Bar/Crosswalk Details. Also, see Dtl. 4-12 for Pavement Marking Symbol Design.

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet SP05 of SP15	Page 77 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			
5			

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 348+00 TO STA. 366+00
PROJECT NO. 4R1LTM

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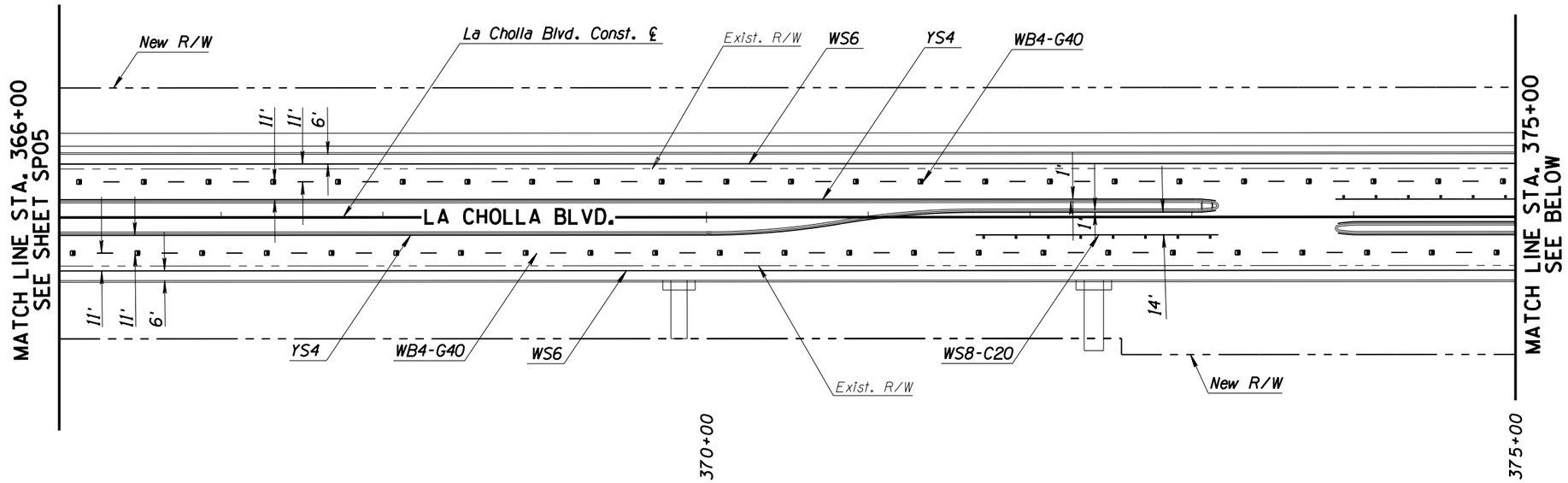
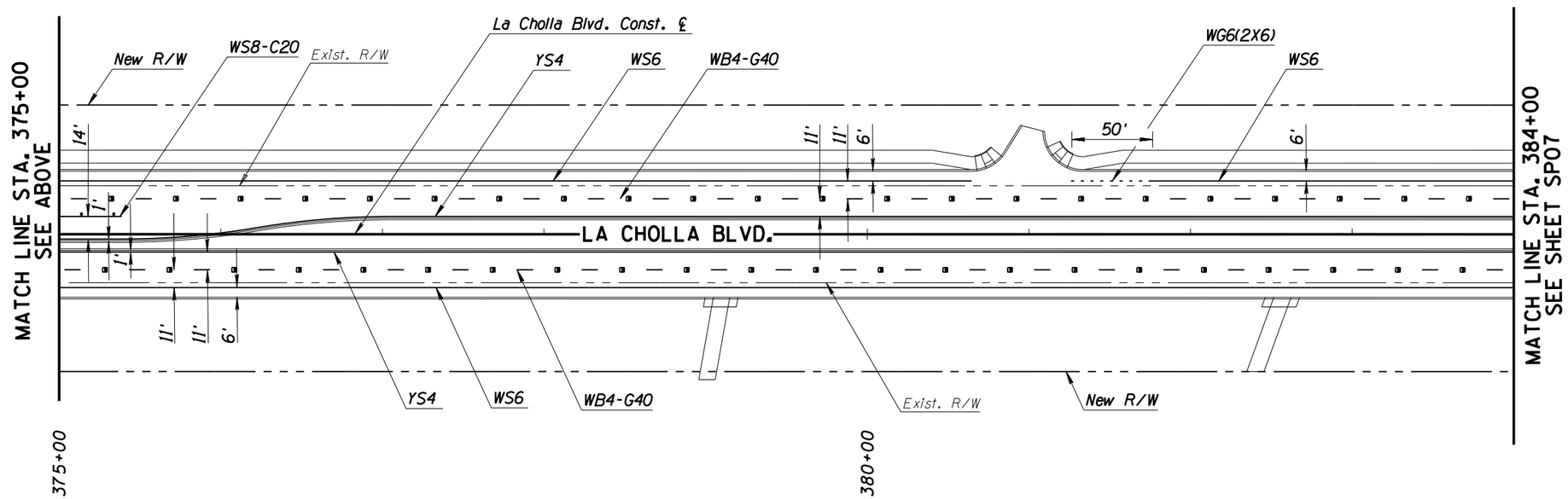
eric_sibson





Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4 | Sheet SP06 of SP15 | Page 78 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLAN
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 366+00 TO STA. 384+00
PROJECT NO. 4RTLTM

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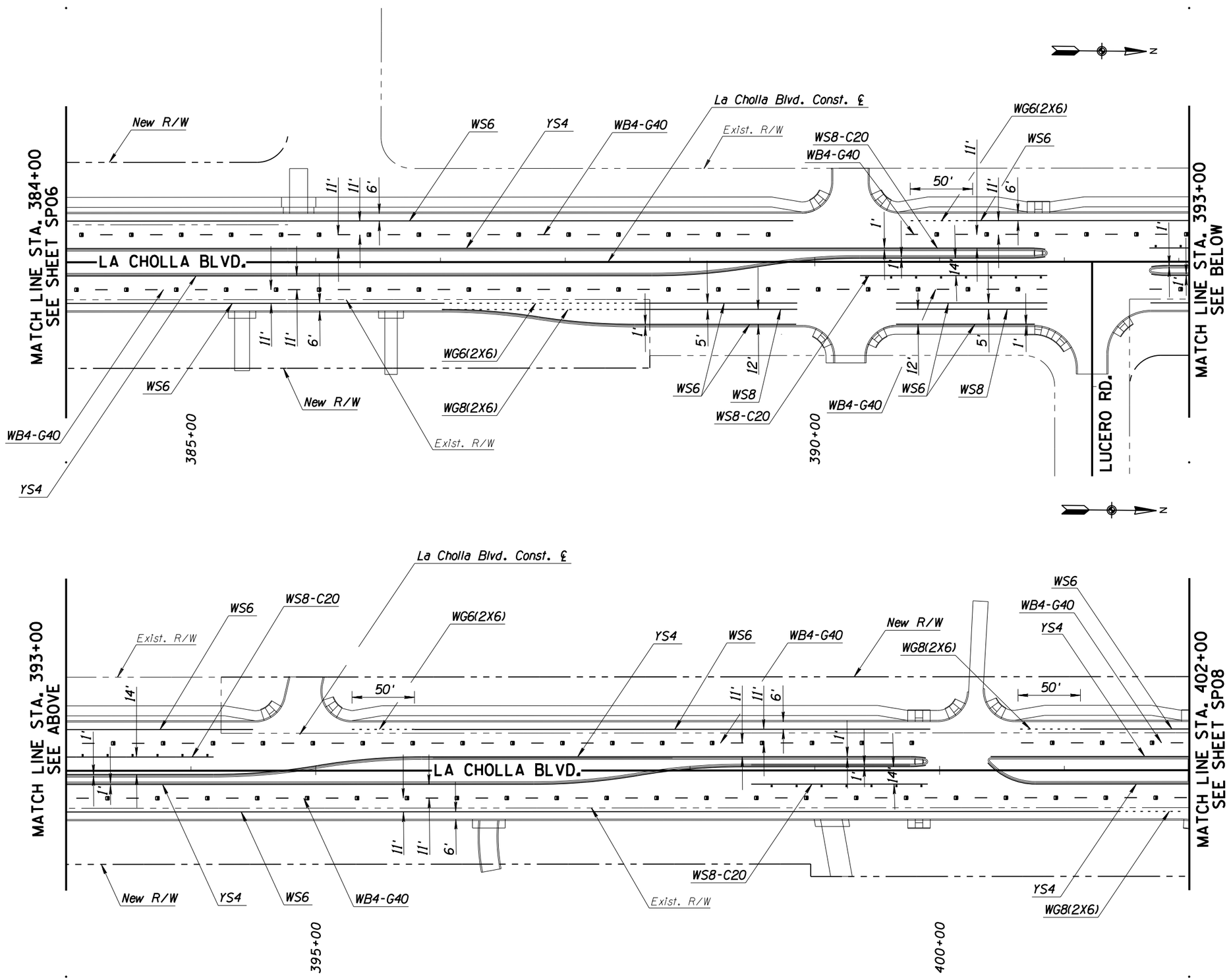
eric_sibson



Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40	Sheet SP07 of SP15	Page 79 of 89
	Vert. 1"= 4		

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 384+00 TO STA. 402+00
PROJECT NO. 4RTLTM

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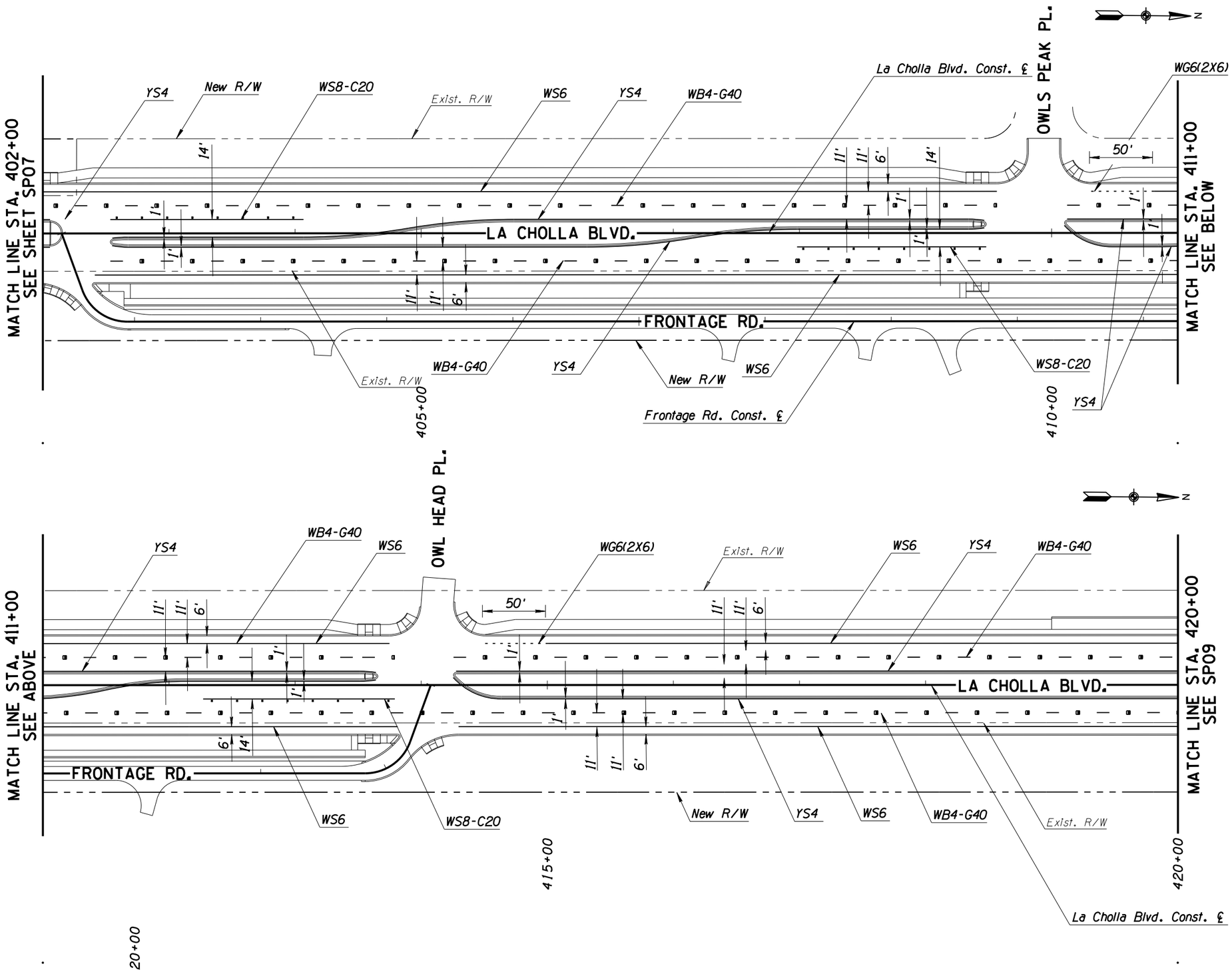
eric_sibson



Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40	Sheet SP08 of SP15	Page 80 of 89
	Vert. 1"= 4		

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 402+00 TO STA. 420+00
PROJECT NO. 4RTLTM

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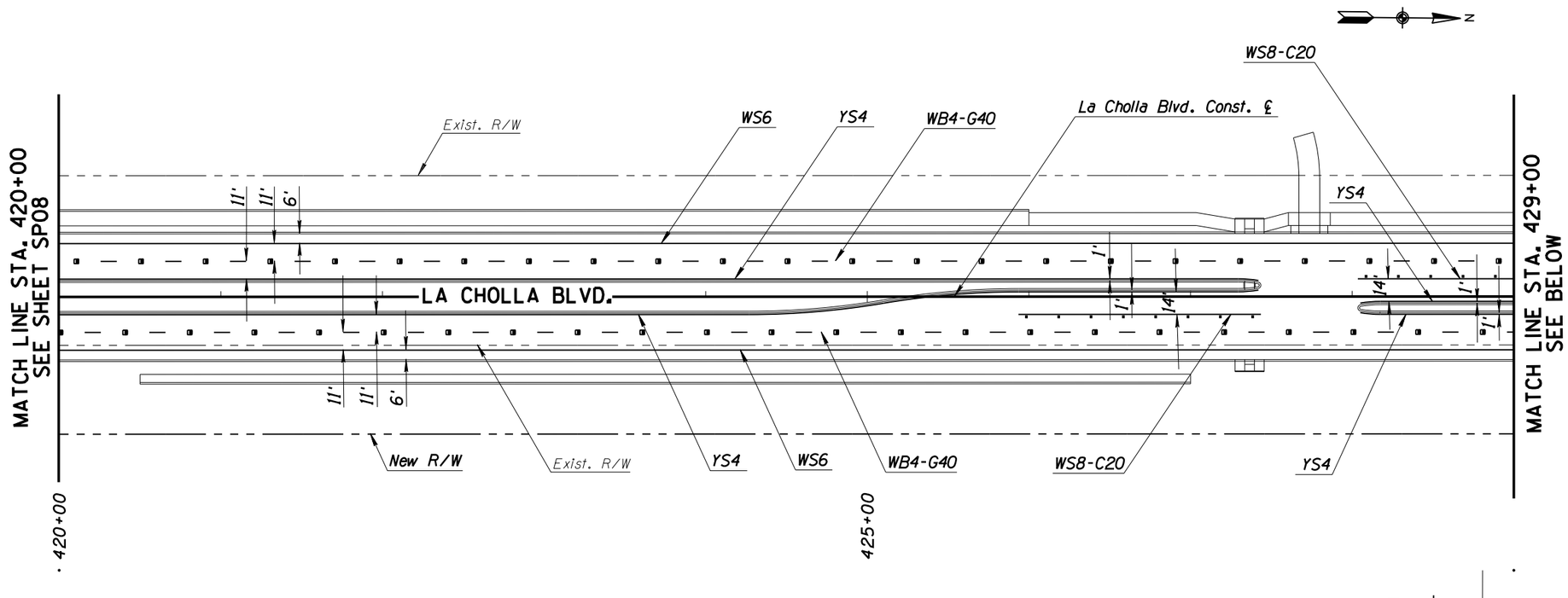

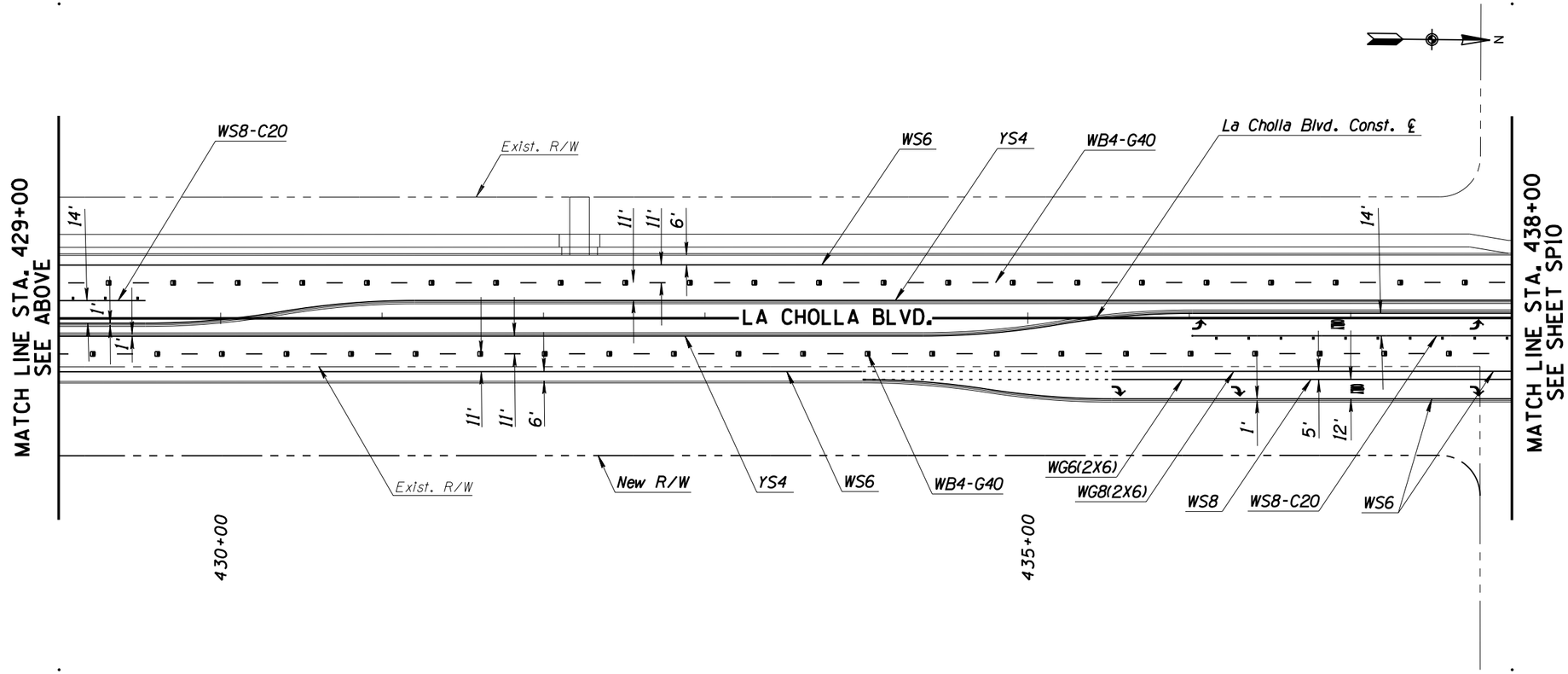

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet SP09 of SP15	Page 81 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 420+00 TO STA. 438+00
PROJECT NO. 4RTLTM

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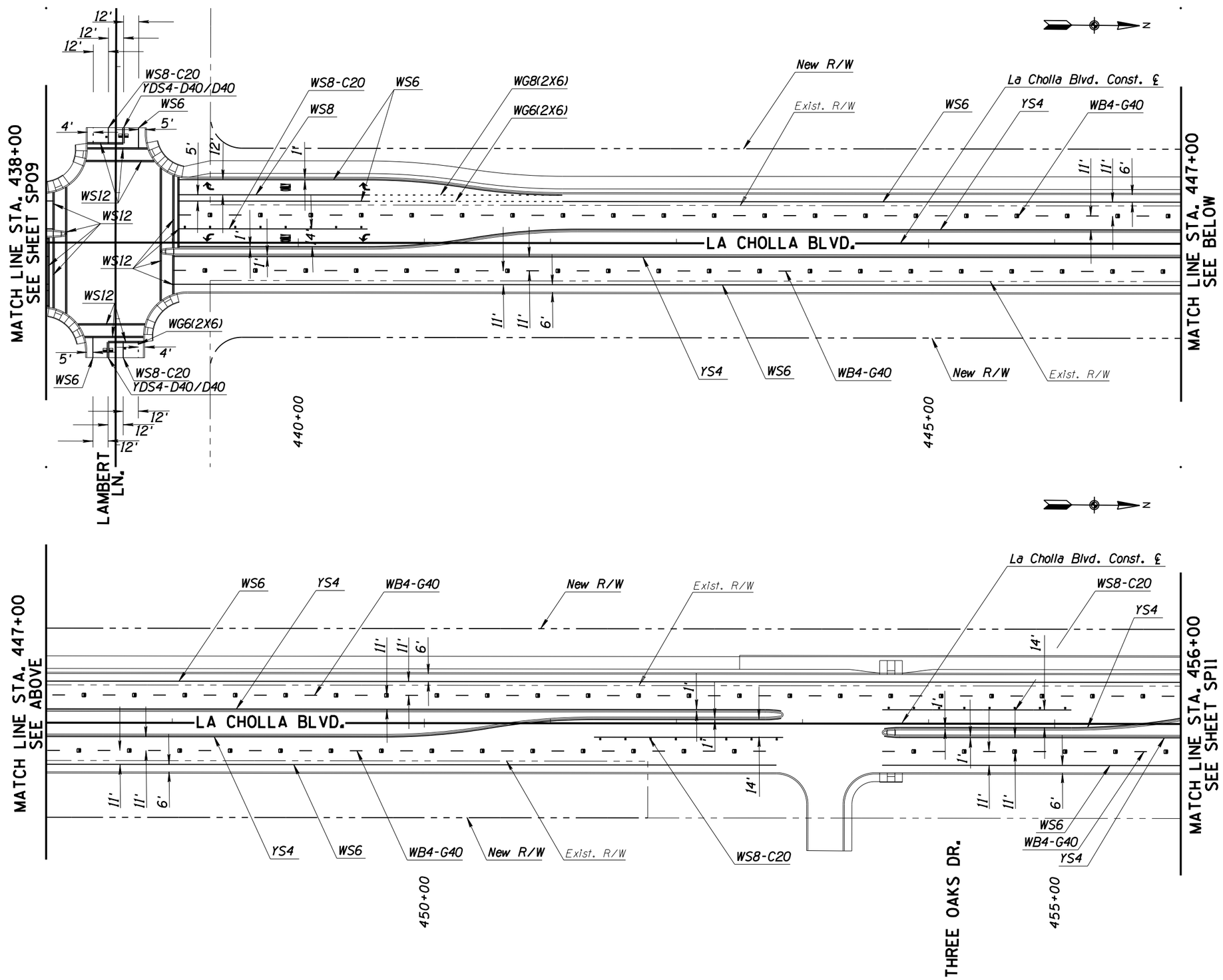
eric_sibson



Notes:

See PCDOT and TDOT Traffic Engineering Division Pavement Marking Standards 2-8,5-14,5-15 for Stop Bar/Crosswalk Details.
Also, see Dtl. 4-12 for Pavement Marking Symbol Design.

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet SP10 of SP15	Page 82 of 89

Priscilla S. Cornelio P.E., Director

Pima County Department of Transportation

	Designed	TWW	04/10
	Drawn	AA	04/10
	Checked	BR	04/10
	Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 438+00 TO STA. 456+00
PROJECT NO. 4RTLTM

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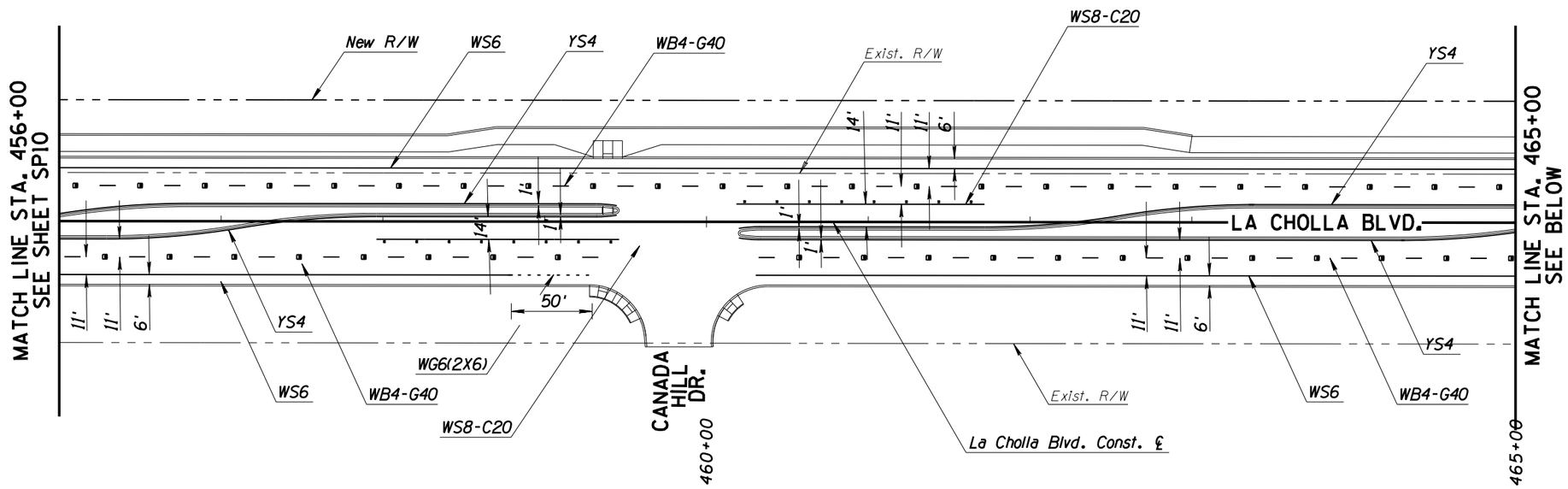
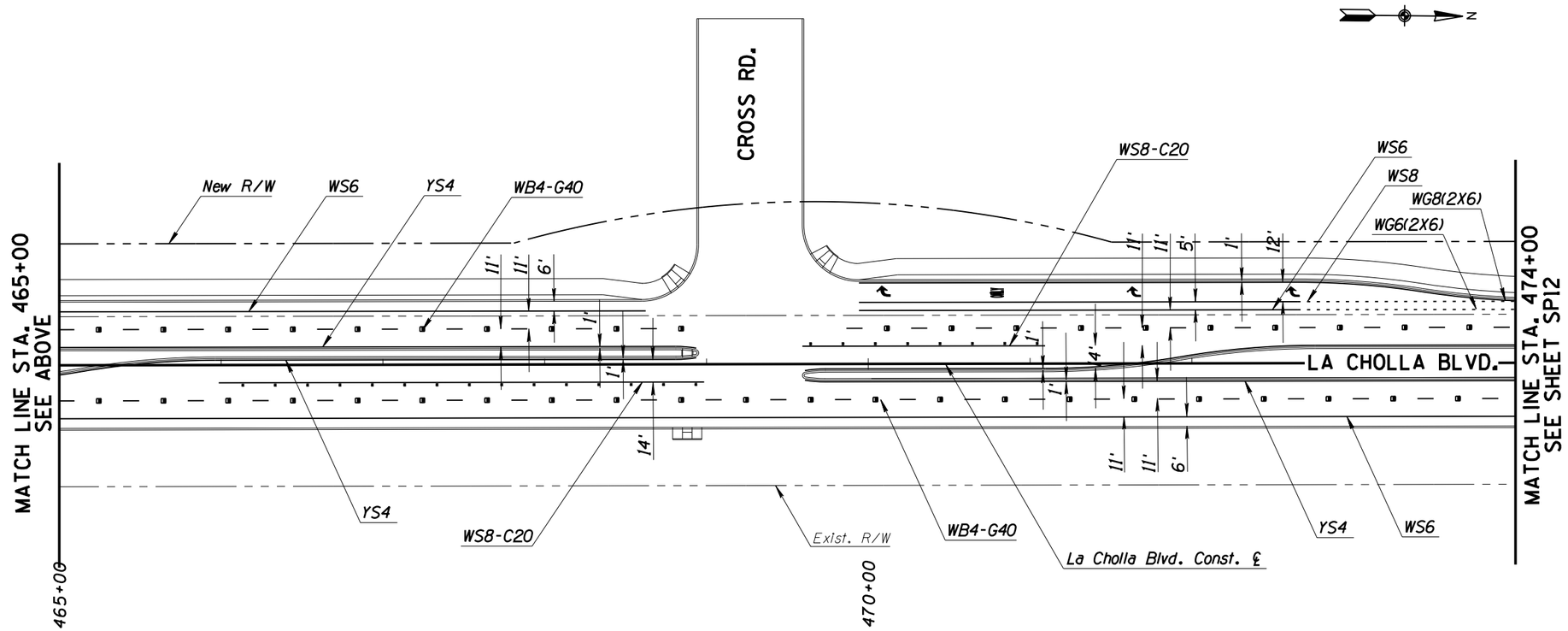
eric_sibson





Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet SP11 of SP15

Page 83 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date
△			
△			
△			
△			

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS

333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 456+00 TO STA. 474+00
PROJECT NO. 4RTLTM

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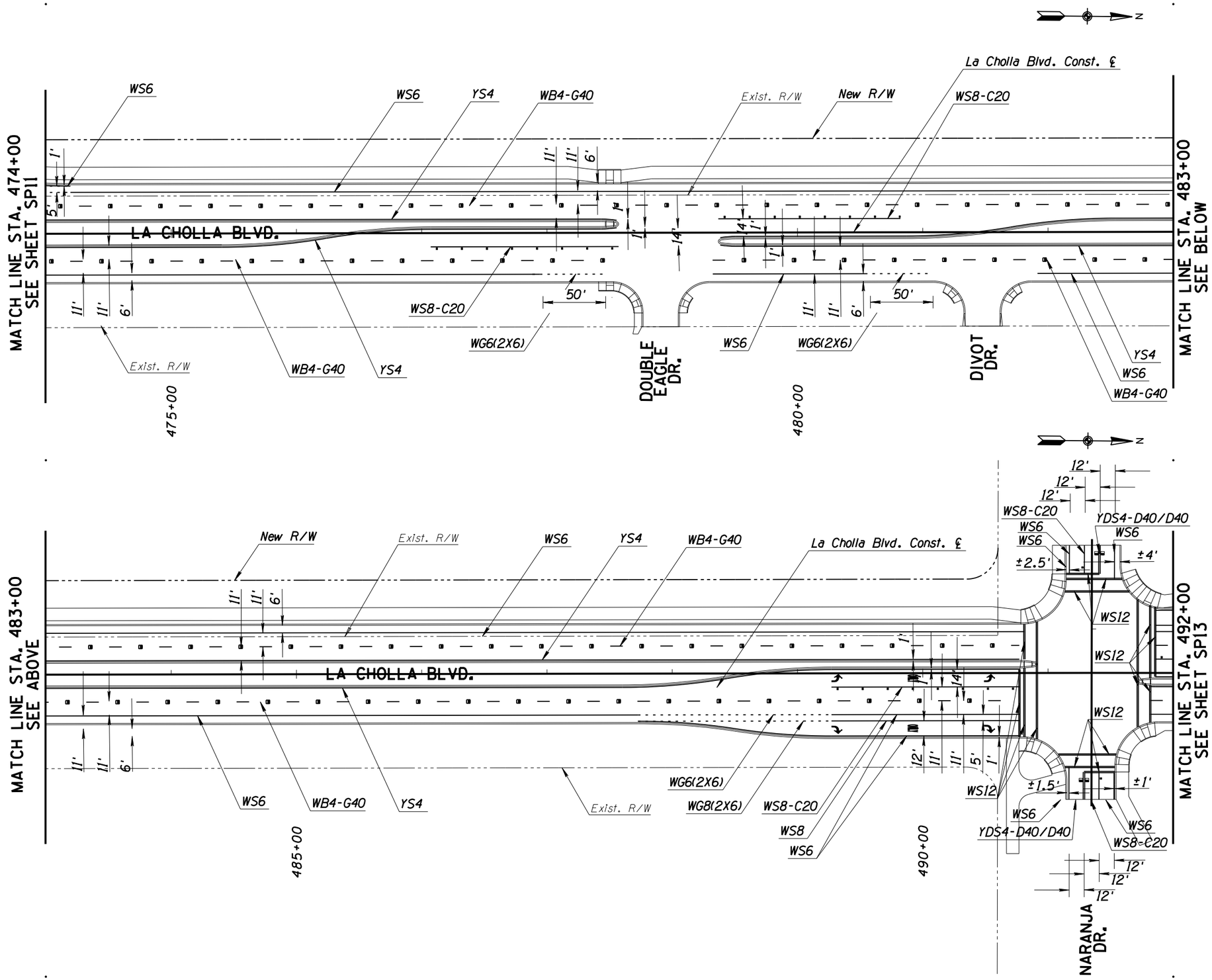

Notes:

See PCDOT and TDOT Traffic Engineering Division Pavement Marking Standards 2-8,5-14,5-15 for Stop Bar/Crosswalk Details. Also, see Dtl. 4-12 for Pavement Marking Symbol Design.

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet SP12 of SP15	Page 84 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

	Designed	TWW	04/10
	Drawn	AA	04/10
	Checked	BR	04/10
	Proj. Mgr.	EJS	04/10

Date

No.	Revision Description	Engineer	Date
1			
2			
3			
4			
5			

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 474+00 TO STA. 492+00
PROJECT NO. 4RTLTM

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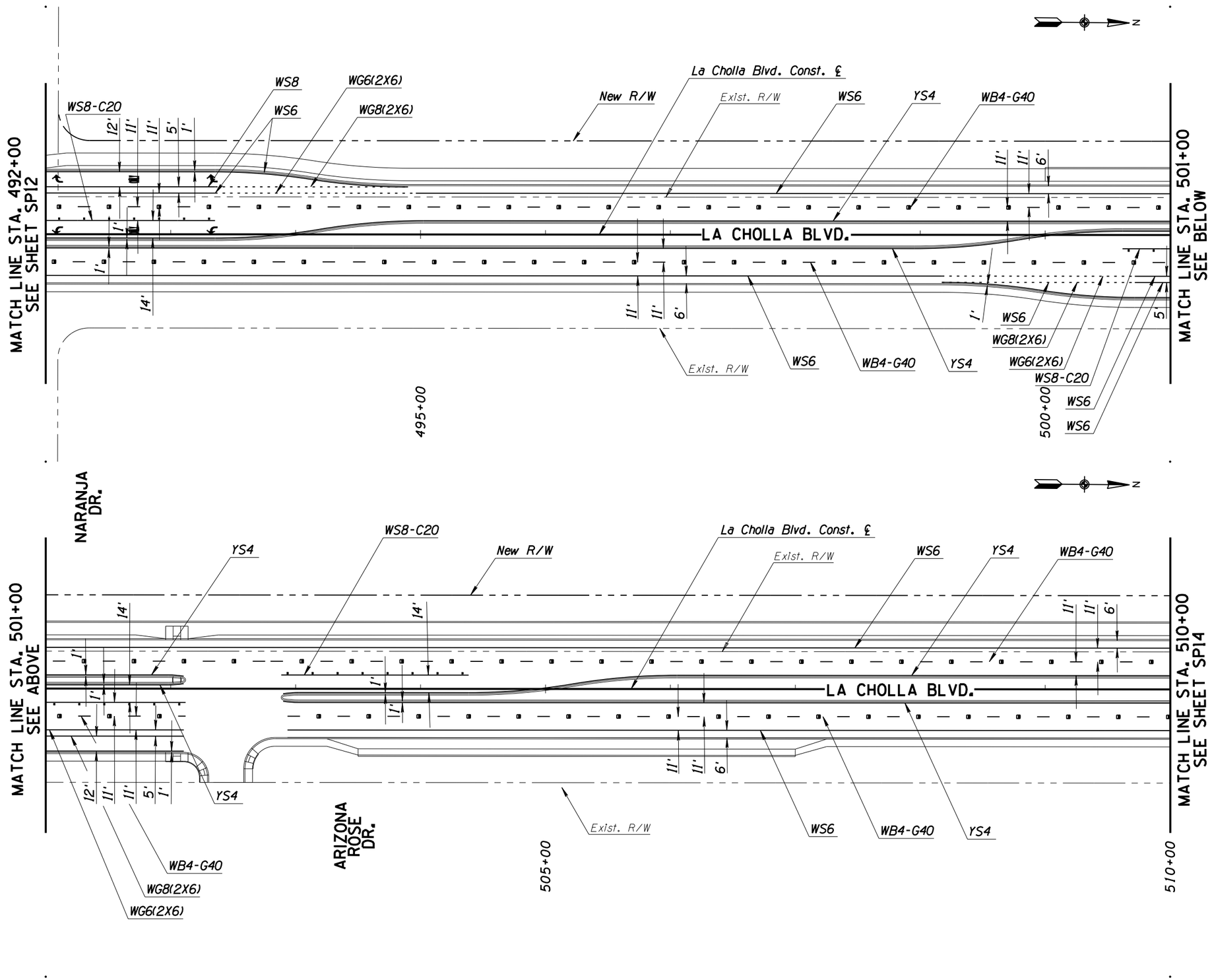

Notes:

See PCDOT and TDOT Traffic Engineering Division Pavement Marking Standards 2-8,5-14,5-15 for Stop Bar/Crosswalk Details. Also, see Dtl. 4-12 for Pavement Marking Symbol Design.

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale Horiz. 1"= 40 Vert. 1"= 4

Sheet SP13 of SP15

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 492+00 TO STA. 510+00
PROJECT NO. 4RTLTM

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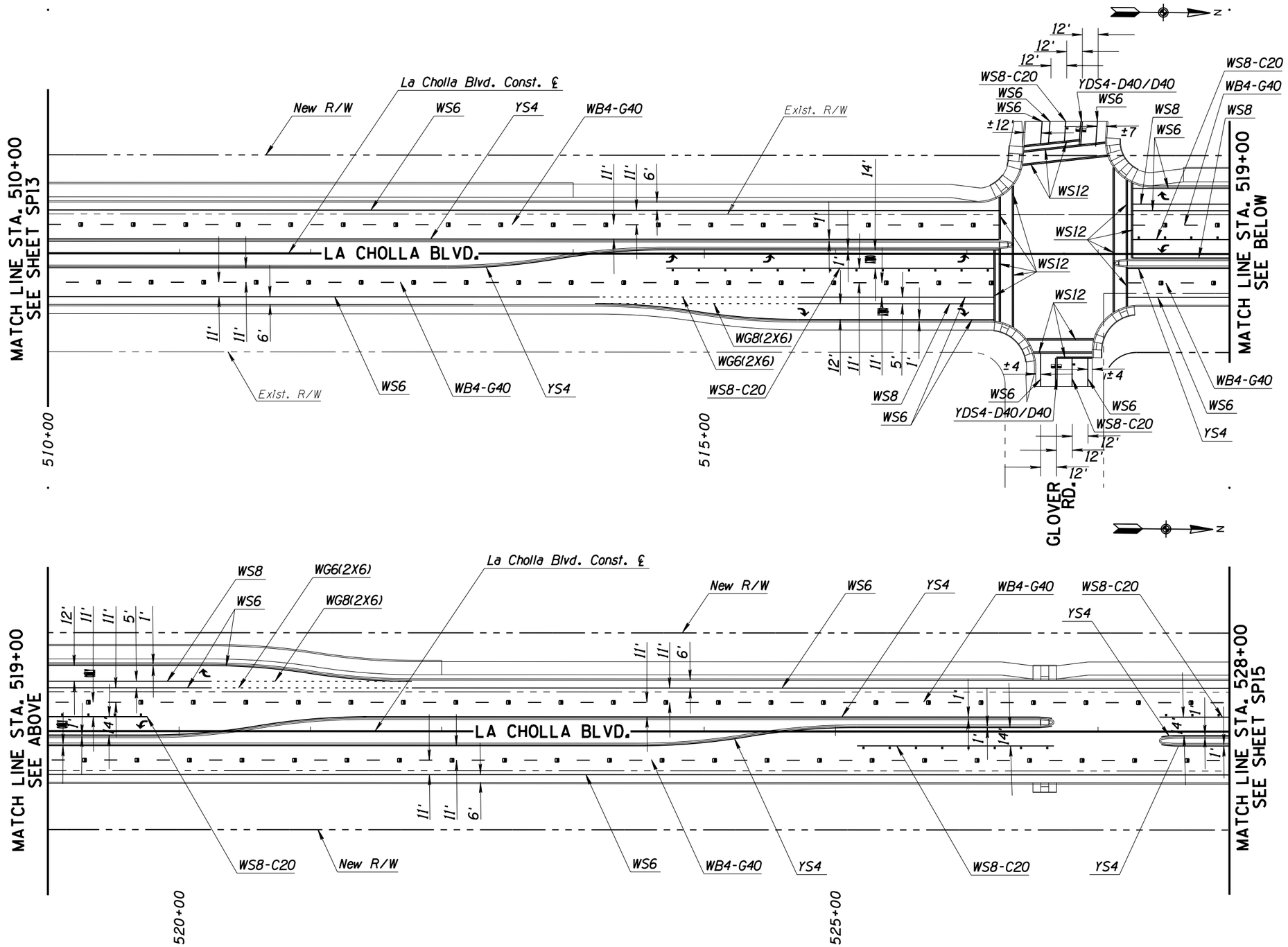

Notes:

See PCDOT and TDOT Traffic Engineering Division Pavement Marking Standards 2-8,5-14,5-15 for Stop Bar/Crosswalk Details. Also, see Dtl. 4-12 for Pavement Marking Symbol Design.

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet SP14 of SP15	Page 86 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

No.	Revision Description	Engineer	Date

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 510+00 TO STA. 528+00
PROJECT NO. 4RTLTM

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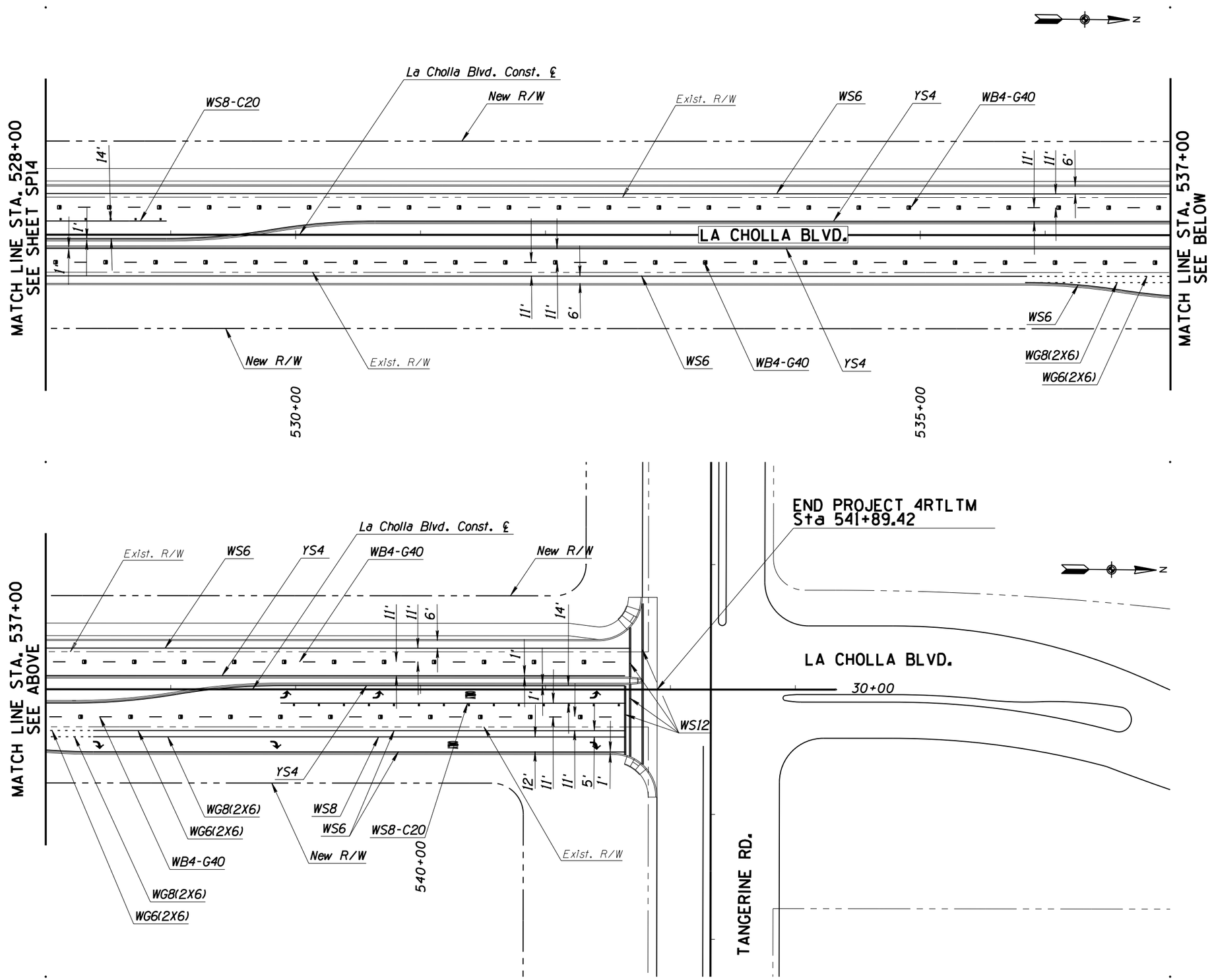
eric_sibson



Notes:

See PCDOT and TDOT Traffic Engineering Division Pavement Marking Standards 2-8,5-14,5-15 for Stop Bar/Crosswalk Details. Also, see Dtl. 4-12 for Pavement Marking Symbol Design.

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

40 0 40 80'

Scale	Horiz. 1"= 40 / Vert. 1"= 4	Sheet SP15 of SP15	Page 87 of 89

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

		Date
Designed	TWW	04/10
Drawn	AA	04/10
Checked	BR	04/10
Proj. Mgr.	EJS	04/10

No.	Revision Description	Engineer	Date
1			
2			
3			
4			

INFO ONLY

PRELIMINARY - NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

STRIPING PLANS
LA CHOLLA BLVD.
MAGEE RD. TO TANGERINE RD.
STA. 528+00 TO STA. 542+00
PROJECT NO. 4RTLTM

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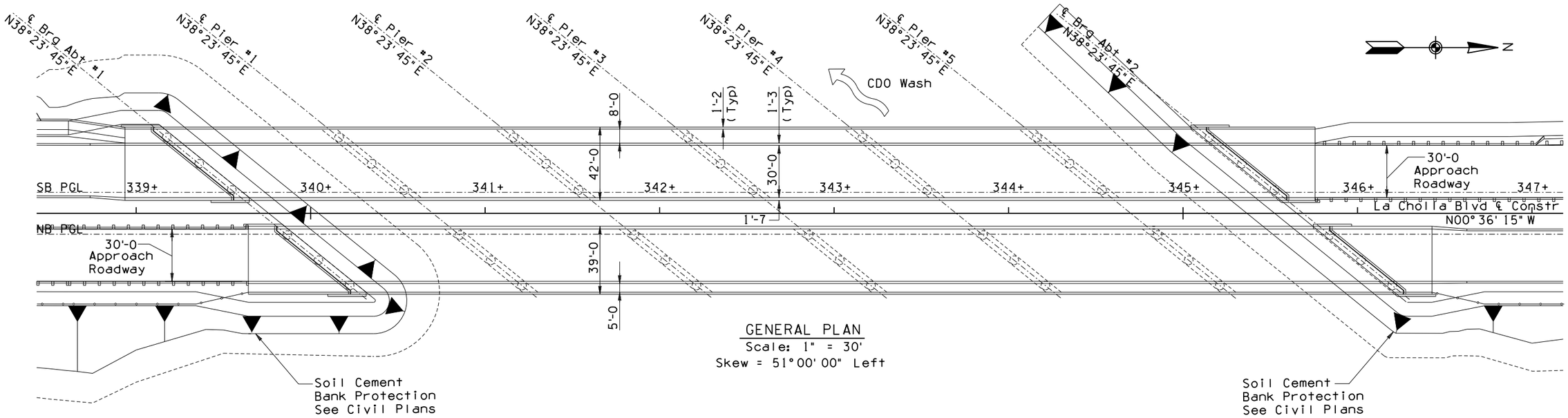
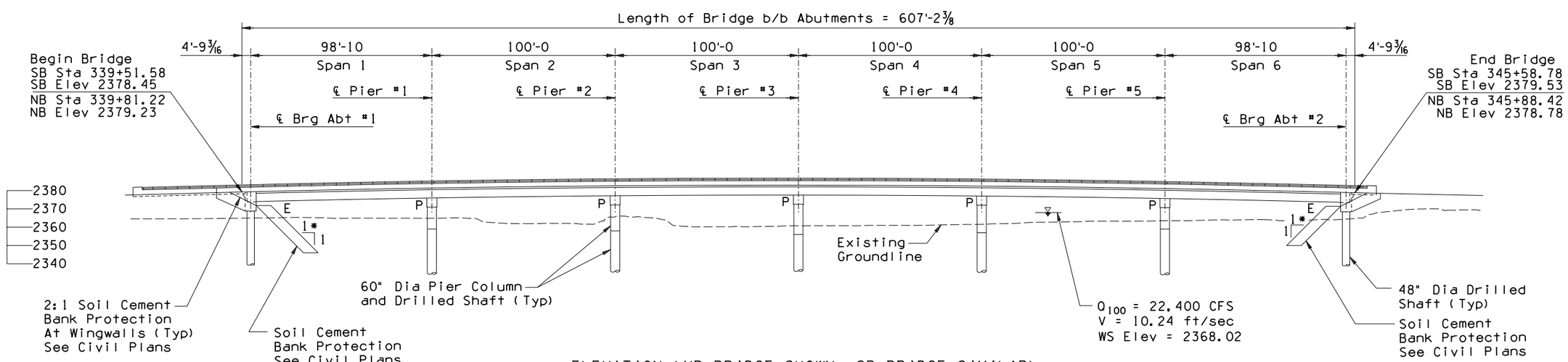
eric_sibson



GENERAL PLAN
Scale: 1" = 30'
Skew = 51°00'00" Left



ELEVATION (NB BRIDGE SHOWN, SB BRIDGE SIMILAR)
Scale: 1" = 30'

Elevations are along SB and NB PGL

* Soil Cement Bank Protection Slope is Perpendicular to Face of Abt

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Priscilla S. Cornelio P.E., Director

		Date
Designed	DMP	04/10
Drawn	TWW	04/10
Checked	EJS	04/10
Proj. Mgr.	DMP	04/10

No.	Revision Description	Engineer	Date

INFO ONLY
PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

Location Plan & Longitudinal Section
STA 339+
LA CHOLLA BLVD. OVER CDO WASH
PROJECT NO. 4RTLTM

Scale	Horiz. 1"=	Sheet S1 of S2	Page 88 of 89
	Vert. 1"=		

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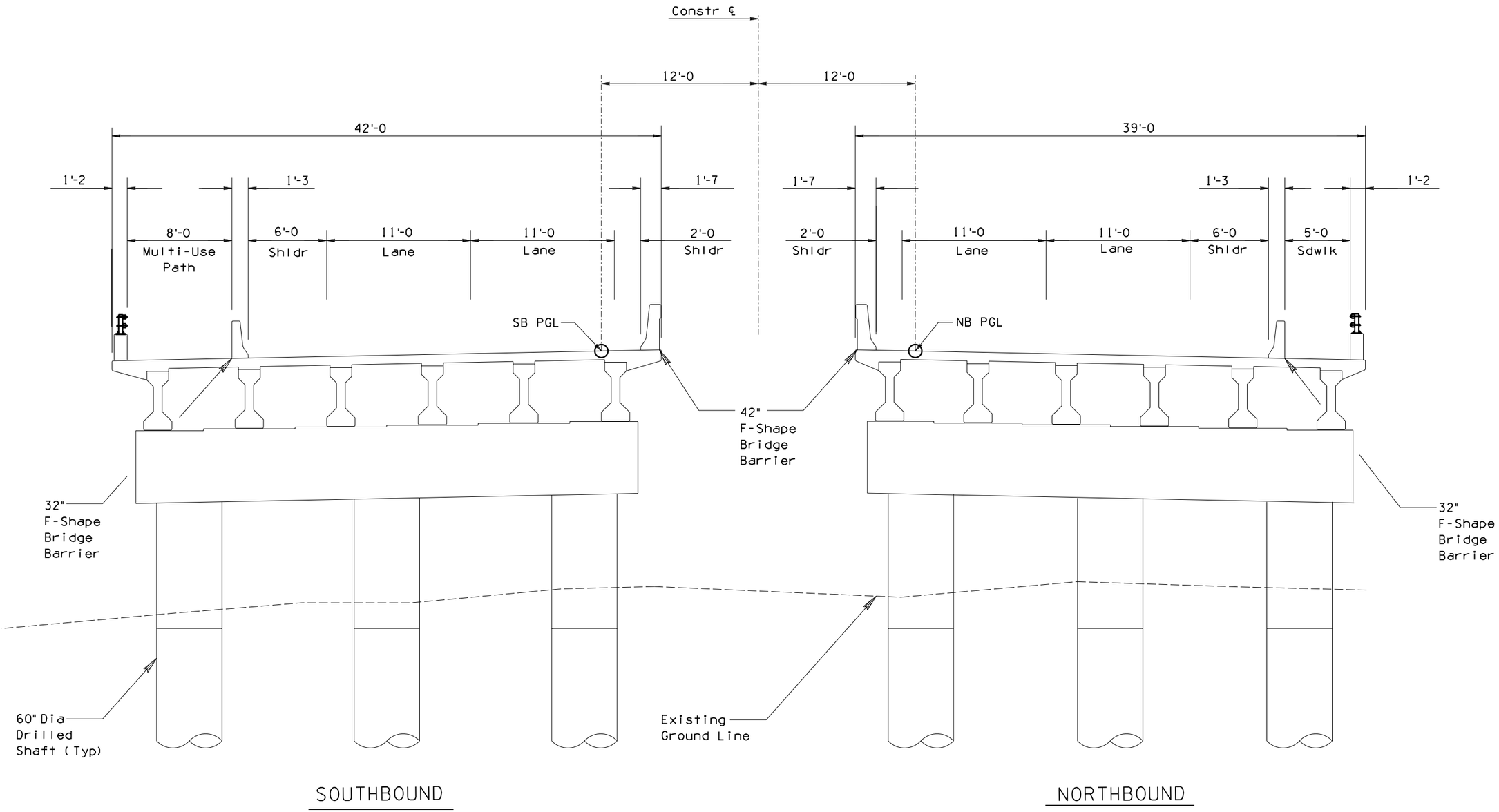

TYPICAL SECTION

Scale: 1/4" = 1'-0"

Arizona Blue Stake
1-800-STAKE-IT
1-800-782-5348
Call Two Working Days Before You Dig

Designed	DWP	04/10
Drawn	TWW	04/10
Checked	EJS	04/10
Proj. Mgr.	DWP	04/10

No.	Revision Description	Engineer	Date

INFO ONLY

PRELIMINARY-NOT FOR CONSTRUCTION

URS
333 East Wetmore, Suite 400
Tucson, AZ 85705
phone: 520-887-1800

Pima County Department of Transportation

Priscilla S. Cornelio P.E., Director

Typical Section
STA 339+
Typical Section
LA CHOLLA BLVD. OVER CDO WASH
PROJECT NO. 4RTLTM

Scale	Horiz. 1"=	Sheet S2 of S2	Page 89 of 89
	Vert. 1"=		

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eric_sibson