ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	1	21

COUNTY OF SAN LUIS OBISPO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
DESIGN DIVISION

APPROVED: January 23, 20 14

David J. Flynn
DEPUTY DIRECTOR OF PUBLIC WORKS

REGISTERED PROFESSIONAL ENGINEER DAVID JOHN FLYNN No. C 43933 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

PLANS FOR CONSTRUCTION OF LA PANZA ROAD WIDENING FROM RYAN ROAD TO HORD VALLEY ROAD NEAR CRESTON, CA.
COUNTY CONTRACT No. 300397
FEDERAL No. HSIPL-5949 (133)

To Be Supplemented By State Standard Plans 2006

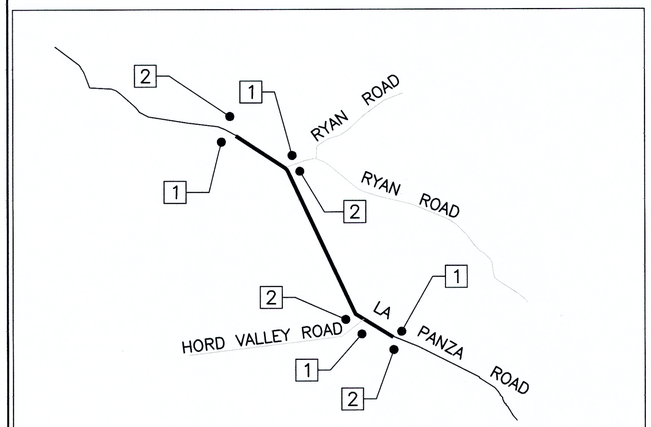
INDEX OF SHEETS

SHEET NO.	1	TITLE SHEET
SHEET NO.	2	STATE and COUNTY STANDARD PLANS LIST
SHEET NO.	3	TYPICAL SECTIONS
SHEET NO.	4	DRIVEWAY DETAILS
SHEET NO.	5	RIGHT OF WAY MAP STA. 342+00 TO 361+00
SHEET NO.	6	RIGHT OF WAY MAP STA. 361+00 TO 394+25
SHEET NO.	7	RIGHT OF WAY MAP STA. 394+25 TO 410+50
SHEET NO.	8	RIGHT OF WAY MAP STA. 410+50 TO 419+00
SHEET NO.	9	PLAN AND PROFILE STA. 347+00 TO 363+00
SHEET NO.	10	PLAN AND PROFILE STA. 363+00 TO 378+00
SHEET NO.	11	PLAN AND PROFILE STA. 378+00 TO 393+00
SHEET NO.	12	PLAN AND PROFILE STA. 393+00 TO 407+50
SHEET NO.	13	PLAN AND PROFILE STA. 407+50 TO 419+00
SHEET NO.	14	CROSS SECTION AT DRIVEWAYS
SHEET NO.	15	CROSS SECTION AT DRIVEWAYS
SHEET NO.	16	STRIPING PLAN
SHEET NO.	17	STRIPING PLAN
SHEET NO.	18	STRIPING PLAN
SHEET NO.	19	COMPOSITE UTILITY PLAN
SHEET NO.	20	COMPOSITE UTILITY PLAN
SHEET NO.	21	COMPOSITE UTILITY PLAN

The Contractor shall posses the Class (or classes) of license as specified in the "Notice to Bidders"

DIGALERT

CALL BEFORE YOU DIG
1-800-227-2600



LEGEND

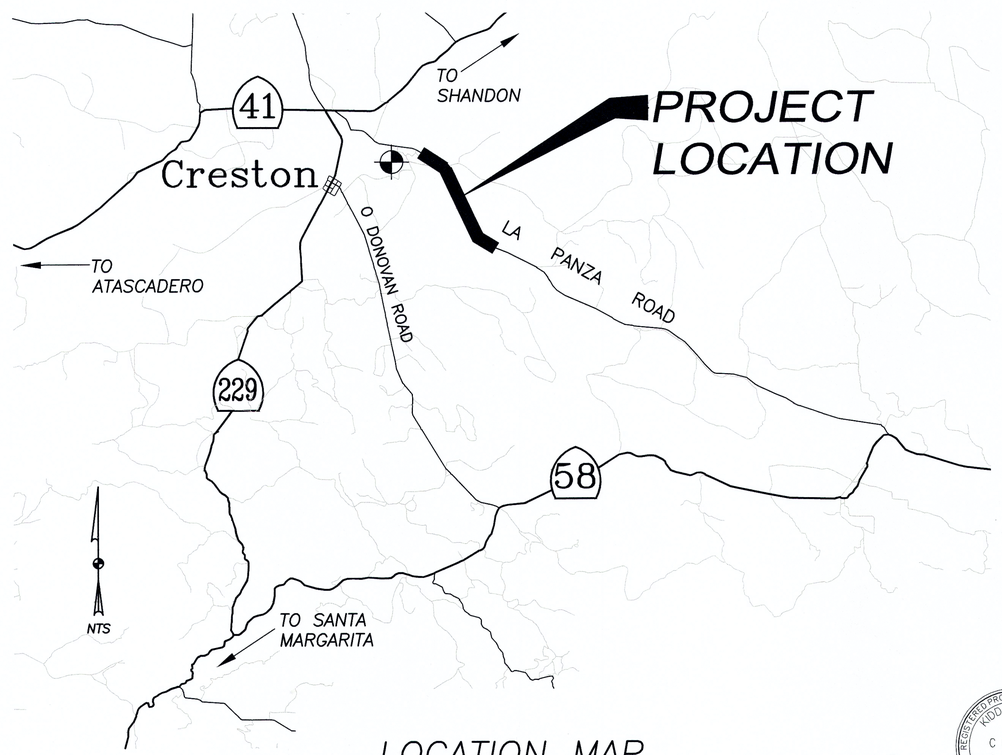
No.	Type	Size	Message	Quantity
1	C23(CA.)	48"X48"	"ROAD WORK AHEAD"	4
2	C14(CA.)	48"x24"	"END ROAD WORK"	4

NOTES:

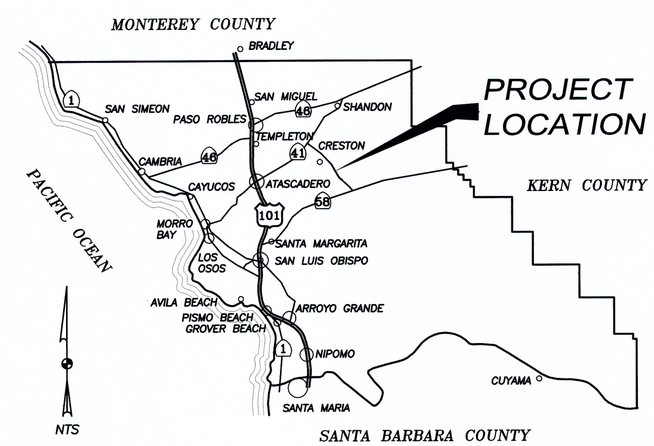
All Signs Shall Be Stationary Mounted on 4x4 Wood Posts, Unless Noted Otherwise or as directed by the Engineer.

All Construction Signs Shall be Placed Approximately 4' off the Edge of Roadway, the Exact Location and Position of Signs Shall be Determined by the Engineer.

CONSTRUCTION AREA SIGN PLAN



LOCATION MAP
NO SCALE



VICINITY MAP
NO SCALE

REGISTERED PROFESSIONAL ENGINEER KIDD C. IMMEL C 68427 CIVIL STATE OF CALIFORNIA

1/10/14

LA PANZA ROAD WIDENING PROJECT					
TITLE SHEET					
CRESTON, CA					
Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	11/12	J WERST	11/12

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	2	21

GENERAL ROAD WORK

MISCELLANEOUS

- ■ A10A Abbreviations
- ■ A10B Symbols
- ■ A20A Pavement Markers and Traffic Lines, Typical Details
- ■ A20B Pavement Markers and Traffic Lines, Typical Details
- □ A20C Pavement Markers and Traffic Lines, Typical Details
- □ A20D Pavement Markers and Traffic Lines, Typical Details
- □ A24A Pavement Markings– Arrows
- □ A24B Pavement Markings– Arrows
- □ A24C Pavement Markings– Symbols and Numerals
- □ A24D Pavement Markings– Words
- □ A24E Pavement Markings– Words and Crosswalks
- □ A35A Portland Cement Concrete Paving Details
- ■ A62A Excavation and Backfill– Miscellaneous Details
- □ A62B Limits of Payment for Excavation and Backfill Bridge– Surcharge and Wall
- □ A62C Limits of Payment for Excavation and Backfill– Bridge
- □ A62D Excavation and Backfill– Concrete Pipe Culverts
- □ A62E Excavation and Backfill– Cast–In–Place Reinforced Concrete Box and Arch Culverts
- ■ A62F Excavation and Backfill– Metal and Plastic Culverts
- ■ A73A Markers
- ■ A73B Markers
- ■ A73C Delineators, Channelizers and Barricades
- □ A74 Survey Monuments
- □ A75A Concrete Barrier Type 50
- □ A75B Concrete Barrier Type 50E
- □ A75C Headlight Glare Screen
- □ A77A Metal Beam Guard Railing
- □ A77B Metal Beam Guard Railing– Standard Hardware
- □ A77C Metal Beam Guard Railing– Posts and Blocks
- □ A77D Guard Rail Flares
- □ A77E Guard Rail Flares
- □ A77F Metal Beam Guard Railing– Miscellaneous Details
- □ A77G Guard Rail End Anchors (Breakaway)
- □ A77H Guard Rail End Anchors (Breakaway Hardware)
- □ A77I Barrier and Guard Rail End Anchors
- □ A77J Guard Rail Connections to Bridge Rails, Retaining Walls and Abutments
- □ A77K Guard Rail Connections to Bridge Sidewalks and Curbs
- □ A78A Thrie Beam Barrier
- □ A78B Thrie Beam Barrier– Standard Hardware and Miscellaneous Details
- □ A78C Thrie Beam Barrier– End Anchors
- □ A78D Thrie Beam Barrier Connections to Bridge Rails
- □ A78E Thrie Beam Barrier Connection to Concrete Barrier Type 50
- □ A78F Thrie Beam Barrier Connections to Bridge Curbs, Retaining Walls and Abutments
- □ A80 Thrie Beam Barrier Emergency Passageway
- □ A81 Crash Cushion, Sand Filled
- □ A83 Portable Scale Pad and Approach Slab Details
- □ A85 Chain Link Fence
- ■ A86 Barbed Wire and Wire Mesh Fences
- ■ A86A Barbed Wire and Wire Mesh Fence Detail on Sharp Break in Grade
- ■ A86B Barbed Wire and Wire Mesh Fence Details
- ■ A86C Barbed Wire and Wire Mesh Fence Details at Ditch Crossing
- □ A87 Curbs, Dikes and Driveways

The New Standard Plans (NSP) which apply to this contract are included as individual sheets of the project plans.

DRAINAGE

- □ D72 Drainage Inlets
- □ D73 Drainage Inlets
- □ D74A Drainage Inlets
- □ D74B Drainage Inlets
- □ D74C Drainage Inlets Details
- □ D75 Pipe Inlet
- □ D77A Grate Details
- □ D77B Bicycle Proof Grate Details
- □ D77C Alternative Hinged Cover for Type OL and OS Inlets and Trash Rack for Type OCP Inlet
- □ D78 Gutter Depressions
- □ D79 Precast Reinforced Concrete Pipe– Direct Design Method
- □ D80 Cast–In–Place Reinforced Concrete Single Box Culvert
- □ D81 Cast–In–Place Reinforced Concrete Double Box Culvert
- □ D82 Cast–In–Place Reinforced Concrete Box Culvert Miscellaneous Details
- □ D84 Box Culvert Wingwalls– Types A,B,C
- □ D85 Box Culvert Wingwalls– Types D and E
- □ D86A Box Culvert Warped Wingwalls
- □ D86B Pipe Culvert Headwalls, Endwalls and Warped Wingwalls
- □ D86C Arch Culvert Headwalls, Endwalls and Warped Wingwalls
- □ D87A Overside Drains
- □ D87B Overside Drains
- □ D87C Underdrains
- □ D87D Overside Drains
- □ D88 Construction Loads on Culverts
- □ D88A Strut Details for Structural Steel Plate Pipes, Arches, and Vehicular Undercrossings
- □ D89 Pipe Headwalls
- □ D90 Pipe Culvert Headwalls, Endwalls and Wingwalls– Types A,B and C
- □ D93A Pipe Riser Connections
- □ D93B Drainage Inlet Riser Connections
- □ D93C Pipe Riser with Debris Rack Cage
- □ D94A Metal and Plastic Flared End Sections
- □ D94B Concrete Flared End Sections
- □ D95 Concrete Arch Culverts
- ■ D97A Corrugated Metal Pipe Coupling Details No.1– Annular Coupling Band Bar and Strap and Angle Connectors
- ■ D97B Corrugated Metal Pipe Coupling Details No. 2– Hat Band Coupler and Flange Details
- ■ D97C Corrugated Metal Pipe Coupling Details No. 3– Helical and Universal Couplers
- ■ D97D Corrugated Metal Pipe Coupling Details No. 4– Hugger Coupling Bands
- ■ D97E Corrugated Metal Pipe Coupling Details No. 5– Standard Joint
- ■ D97F Corrugated Metal Pipe Coupling Details No. 6– Positive Joint
- ■ D97G Corrugated Metal Pipe coupling Details No. 7– Positive Joints and Downdrains
- □ D97H Reinforced Concrete Pipe or Non–Reinforced Concrete Pipe Standard and Positive Joints
- □ D98A Slotted Corrugated Steel Pipe Drain Details
- □ D98B Slotted Corrugated Steel Pipe Drain Details
- □ D99A Structural Section Drainage System Details
- □ D99B Edge Drain Outlet and Vent Details
- □ D99C Edge Drain Cleanout and Vent Details
- □ D99D Cross Drain Interceptor Details

HIGHWAY PLANTING

- □ H1 Planting and Irrigation– Abbreviations
- □ H2 Planting and Irrigation– Symbols
- □ H3 Planting and Irrigation– Details
- □ H4 Planting and Irrigation– Details
- □ H5 Planting and Irrigation– Details
- □ H6 Planting and Irrigation– Details
- □ H7 Planting and Irrigation– Details
- □ H8 Planting and Irrigation– Details

The Standard Plan sheets applicable to this contract include, but are not limited to those indicated by a marked box.

TEMPORARY FACILITIES

- □ T1 Temporary Crash Cushion, Sand Filled
- □ T2 Temporary Crash Cushion, Sand Filled
- □ T3 Temporary Railing (Type K)
- □ T4 Temporary Traffic Screen
- □ T10 Traffic Control System for Lane Closure on Freeways and Expressways
- □ T10A Traffic Control System for Lane and Complete Closures on Freeways and Expressways
- □ T11 Traffic Control System for Lane Closure on Multilane Conventional Highways
- □ T12 Traffic Control System for Lane Closure on Multilane Conventional Highways
- ■ T13 Traffic Control System for Lane Closure on Two Lane Conventional Highways
- □ T14 Traffic Control System for Ramp Closures
- ■ TA–6 Shoulder Closure (MUTCD)
- ■ TA–13 Road Closure (MUTCD)
- ■ TA–10 Lane Closure (MUTCD)

ROADSIDE SIGNS

- ■ RS1 Roadside Signs, Typical Installation Details No. 1
- ■ RS2 Roadside Signs, Wood Posts, Typical Installation Detail No. 2
- ■ RS3 Roadside Signs, Laminated Box Wood Posts, Typical Installation Details No. 3
- ■ RS4 Roadside Signs, Typical Installation Detail No. 4

COUNTY IMP. STD

- ■ A–1c Typical Rural Road Section
- ■ A–1f Typical Rural Road Section
- ■ B–1a Rural Residential Driveway for Edge of Pavement (No Dike)
- □ B–1b Rural Residential Driveway for Type "A" HMA Dike
- □ C–3 Hot Mix Asphalt (HMA) Dikes
- □ D–2a Rural Catch Basin Edge of Pavement Condition
- □ D–2b Rural Catch Basin Hot Mix Asphalt Dike Condition
- ■ H–5 Rock Slope Protection Sizing Method at Culvert Outlets
- □ R–2 Rural Road Widening
- ■ R–3 Trench Repair
- ■ U–4 Trench Detail
- ■ U–4b Shallow Trench Detail
- □ R–1 Allowable Pavement Seam Locations
- ■ M–1 Standard Street Monument for Paved Roads
- □ M–1a Standard Street Monument for Gravel Roads

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

LA PANZA ROAD WIDENING PROJECT

STATE AND COUNTY STANDARD PLANS LIST

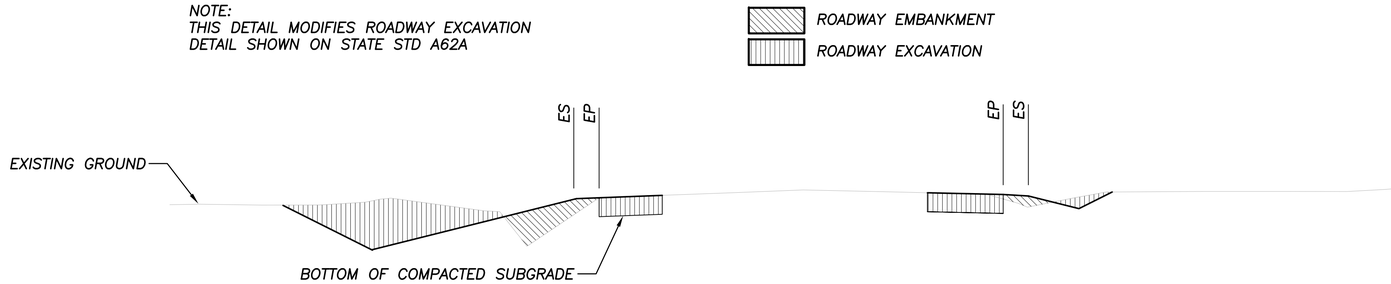
CRESTON, CA

Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	7/13	C COX	7/13	J WERST	7/13

V:\AUTOCAD-CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\County and State Sets.dwg, 9/24/2013 3:59:26 PM, CCox

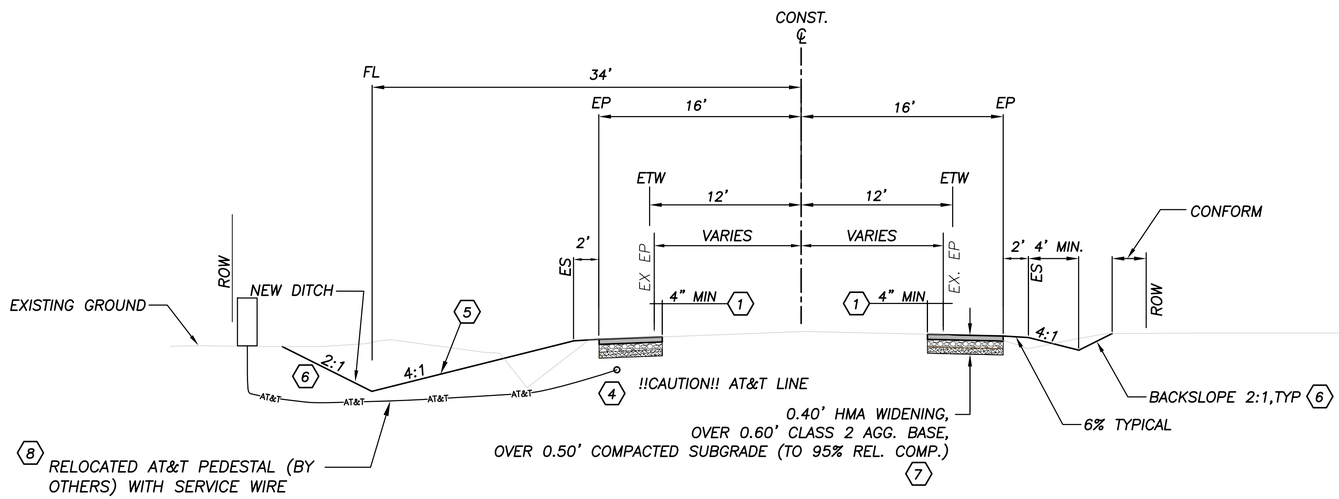
ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	3	21

NOTE:
THIS DETAIL MODIFIES ROADWAY EXCAVATION DETAIL SHOWN ON STATE STD A62A



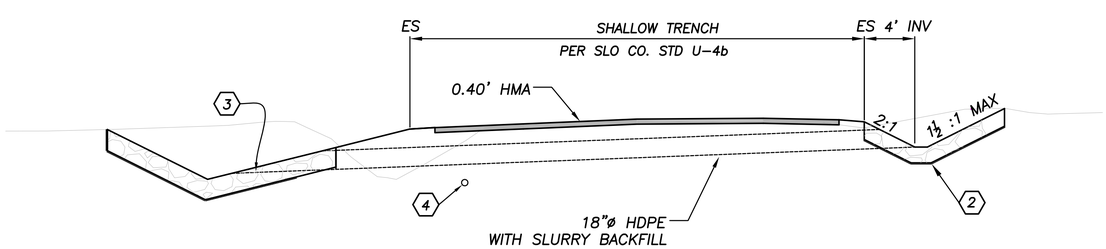
ROADWAY EXCAVATION LIMITS

LA PANZA ROAD – NOT TO SCALE



TYPICAL SECTION

LA PANZA ROAD – NOT TO SCALE



TYPICAL SECTION AT CULV XING

LA PANZA ROAD – NOT TO SCALE

CONSTRUCTION NOTES

1. GRIND OR SAWCUT TO A NEAT LINE. VERIFY LAYOUT WITH ENGINEER PRIOR TO REMOVAL OF EXISTING AC.
2. CONSTRUCT 8 FT X 8 FT x 15" THICK ROCK-LINED (BACKING No. 2 OVER TYPE A FABRIC) DRAIN INLET. CUT HDPE PIPE TO MATCH SLOPE. ASSURE TIGHT PLACEMENT OF RSP.
3. CONSTRUCT PIPE OUTLET INVERT 6" ABOVE FLOWLINE OF DITCH. CUT HDPE PIPE TO MATCH SLOPE. PLACE ADDITIONAL RSP AROUND CIRCUMFERENCE OF HDPE PIPE AND ASSURE TIGHT RSP PLACEMENT.
4. VERIFY CLEARANCE TO EXISTING AT&T CABLE WITH ENGINEER PRIOR TO PLACING PIPE (6" CLR MIN). CABLE LOCATION SHOWN IS APPROXIMATE ONLY, CONTRACTOR SHALL POTHOLE PRIOR TO EXCAVATION FOR CONSTRUCTION.
5. HYDROSEED EMBANKMENT DITCH PER CONTRACTORS APPROVED SWPPP.
6. STEEPEN BACK SLOPE WHEN CALLED FOR ON PLAN SHEETS OR AS DIRECTED BY ENGINEER, AS REQUIRED TO DAYLIGHT WITHIN ROW LINES. SEE CROSS-SECTION SHEETS FOR ADDITIONAL DETAILS. APPLY JUTE MESH TO STEEPENED BACK SLOPE AS DIRECTED BY ENGINEER, WHEN 1-1/2 OR STEEPER, TYPICAL.
7. CROSS-SLOPE TO MATCH EXISTING ROADWAY, TYPICAL. SEE CROSS-SECTIONS FOR DETAILS.
8. POTHOLE/VERIFY LOCATION OF SERVICE WIRE PRIOR TO EARTHWORK OPERATIONS.

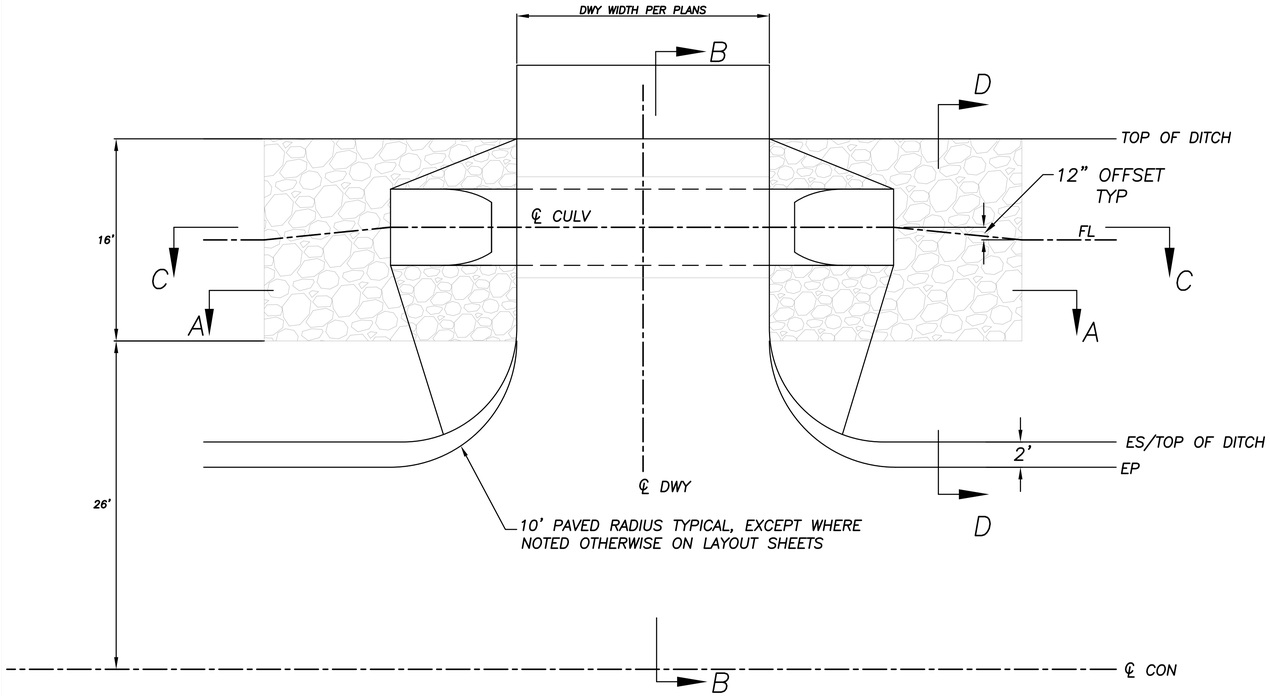
REGISTERED PROFESSIONAL ENGINEER KIDD C. IMMEL C 68427 CIVIL STATE OF CALIFORNIA

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

LA PANZA ROAD WIDENING PROJECT
TYPICAL SECTIONS
CRESTON, CA

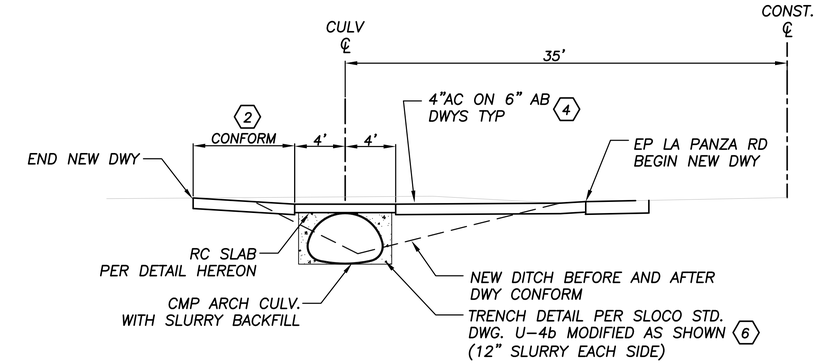
Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	11/12	J WERST	11/12

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	4	21



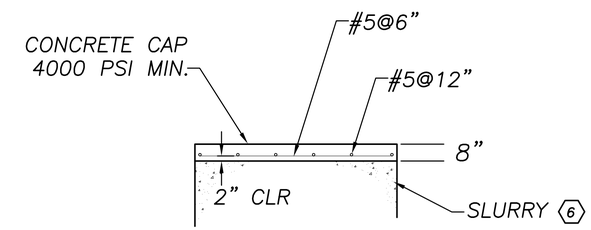
TYP DWY LT SIDE

PLAN VIEW – NOT TO SCALE



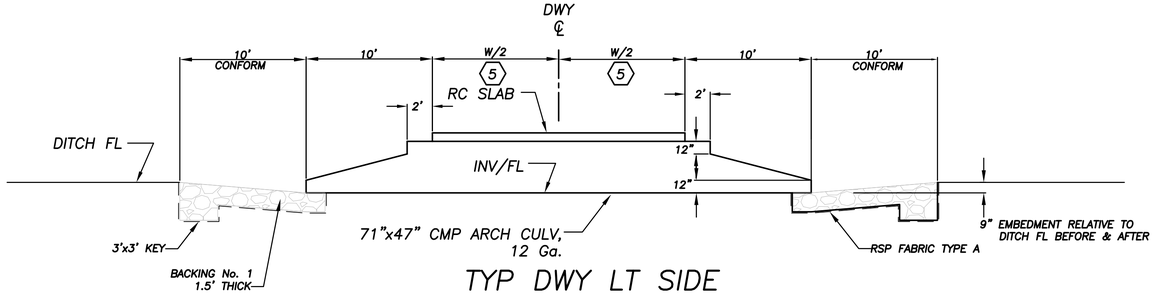
TYP DWY LT SIDE

SECTION B–B – NOT TO SCALE



DWY RC SLAB DETAIL

NOTE TO SCALE

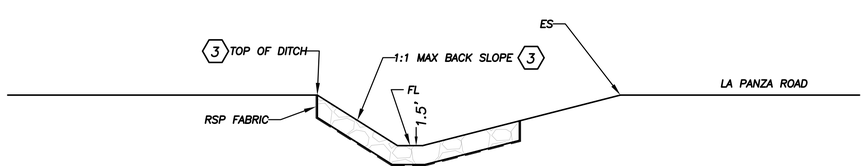


TYP DWY LT SIDE

SECTION C–C PROFILE AT CL CULV – NOT TO SCALE

DWY LT SIDE

SECTION A–A – NOT TO SCALE



RSP CONFORM DETAIL

SECTION D–D – NOT TO SCALE

CONSTRUCTION NOTES

1. RSP THICKNESS MAY BE REDUCED TO 12" THICK MINIMUM ON DWY SLOPE WHERE FABRIC IS NOT REQUIRED. ASSURE TIGHT AND SECURE PLACEMENT OF RSP AROUND CULVERT INLET AND OUTLET, AND ALSO ALONG EDGE OF DRIVEWAY PAVEMENT.
2. SEE CROSS SECTION SHEETS FOR ADDITIONAL CONFORM INFORMATION, CONFORM DISTANCE VARIES AT EACH DRIVEWAY. FIELD VERIFY DRIVEWAY CONFORM AND VERTICAL LAYOUT WITH ENGINEER PRIOR TO CONSTRUCTING DRIVEWAYS.
3. ADJUST TOP OF DITCH LOCATION AT CONFORM ADJACENT TO CULVERT AS NECESSARY TO STABILIZE AND FLATTEN BACK–SLOPE.
4. RECONSTRUCTED DRIVEWAYS ARE 4" HMA ON 6" AB. THIS INCLUDES DRIVEWAYS ON LEFT SIDE AND RIGHT SIDE, AND HORD VALLEY RD AND RYAN RD.
5. DRIVEWAY WIDTHS VARY, SEE PLAN AND PROFILE SHEETS FOR CALLOUTS.
6. CONTRACTOR MAY SUBSTITUTE CONCRETE FOR SLURRY AND POUR CONCRETE CAP MONOHTHICALLY WITH PIPE ENCASEMENT BACKFILL, AT CONTRACTOR'S OPTION PROVIDED NO INCREASE IN COST.

GENERAL NOTES

1) CONTRACTOR SHALL MAINTAIN ACCESS TO RESIDENCES DURING CONSTRUCTION.
2) DRIVEWAY ENTRANCES ARE CONSTRUCTED LOWER THAN LA PANZA ROAD SO THAT DURING FLOOD EVENTS DRIVEWAYS WILL OVERTOP AND CONVEY FLOW PRIOR TO LA PANZA ROAD FLOODING. SEE CROSS SECTION SHEETS FOR DRIVEWAY PROFILES. DO NOT "CROWN" DRIVEWAYS OVER CULVERTS.

REGISTERED PROFESSIONAL ENGINEER KIDD C. IMMEL C 68427 CIVIL STATE OF CALIFORNIA

0 1 2 3 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

LA PANZA ROAD WIDENING PROJECT					
DRIVEWAY DETAILS					
CRESTON, CA					
Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	11/12	J WERST	11/12

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\Typ Sections and Details.dwg, 11/12/2014 2:16:09 PM, COX

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	5	20

FOUND SURVEY MONUMENTS (BASED ON SURVEY CENTERLINE)

NO.	STATION	OFFSET	DESCRIPTION	REFERENCE	NORTHING	EASTING
1	350+64.79	30.00' LEFT	1.5" IRON PIPE, LS 3976, held for R/W line	45 RS 31	4834.1955	5308.3862
2	353+94.76	29.96' LEFT	1.5" IRON PIPE, LS 3976	45 RS 31	4990.5414	5017.8099
3	353+94.91	49.98' LEFT	1.5" IRON PIPE, LS 3976	45 RS 31	4972.9724	5008.1915
4	354+14.97	50.11' LEFT	1.5" IRON PIPE W/ WOOD PLUG NO TAG	45 RS 31	4982.3647	4990.4637
5	354+14.88	29.99' LEFT	1.5" IRON PIPE, LS 3976	45 RS 31	5000.0374	5000.0738
6	355+44.32	378.89' LEFT	1.5" IRON PIPE, LS 3976	45 RS 31	4754.0878	4720.8113
7	355+84.09	384.17' LEFT	PLASTIC CAP, LS 5145	CO 06-0046 (IN PROGRESS)	4768.2761	4683.2835
8	356+40.87	30.00' LEFT	1.5" IRON PIPE, LS 3976, held for R/W line	45 RS 31	5107.0837	4801.0478
9	356+72.85	30.02' LEFT	PLASTIC CAP, LS 5145	CO 06-0046 (IN PROGRESS)	5135.9501	4761.6533
10	359+32.24	30.26' LEFT	PLASTIC CAP, LS 5145	CO 06-0046 (IN PROGRESS)	5365.8532	4641.5368

BASIS OF BEARINGS

THE BASIS OF BEARINGS, AS SURVEYED, IS THE BEARING OF A LINE BETWEEN FOUND MONUMENTS (1) AND (8) BEING S61°43'30"E (ASSUMED)

BENCHMARK: "Y 619 1942" ELEV.=1096.9' VERTCON

NAVD 88 DATUM
FOUND ONLY STEM OF BRASS DISK IN OLD BRIDGE WING WALL
SHOWN ON LOCATION MAP ON SHEET 1

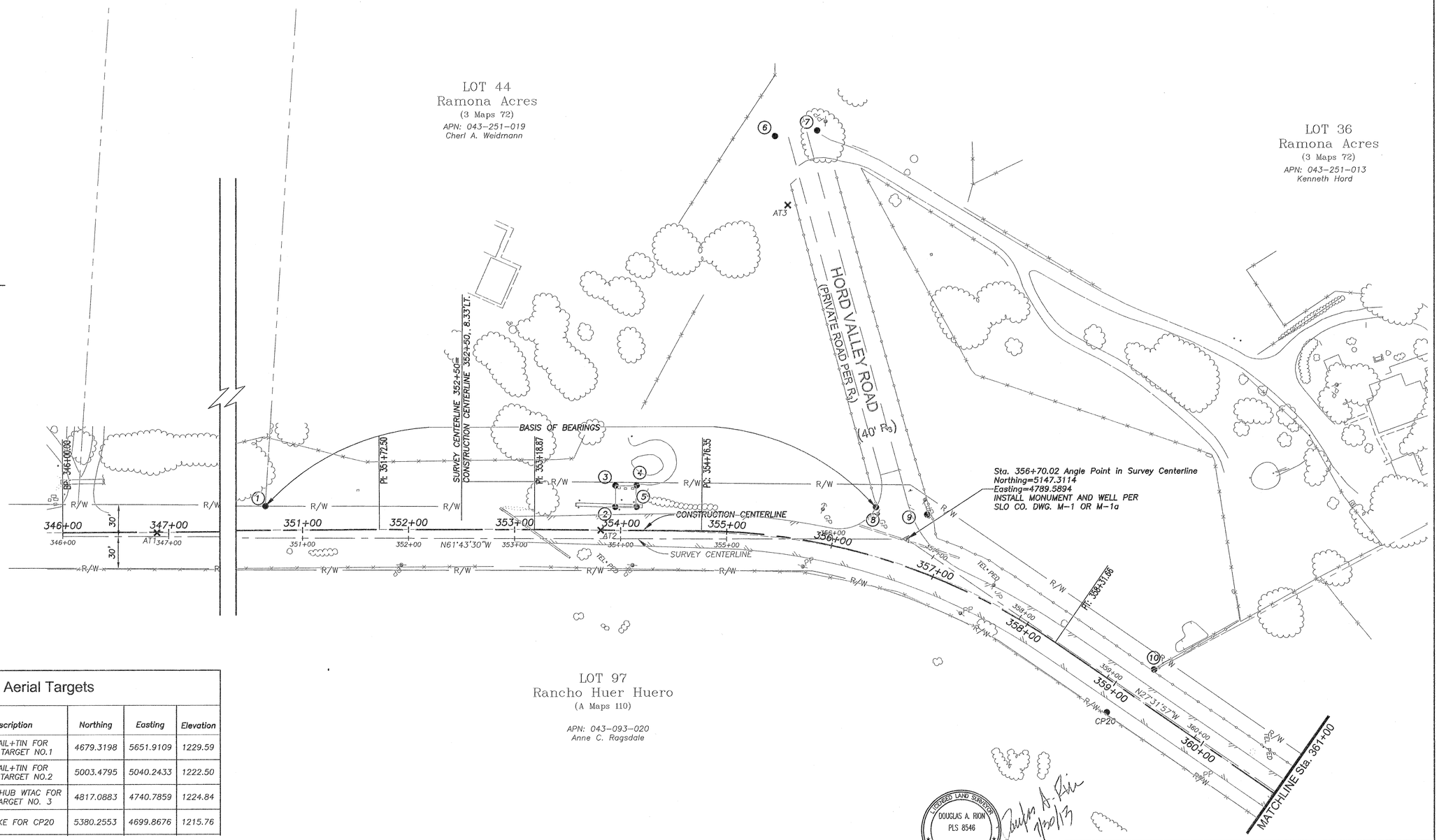
SCALE : 1" = 50'

0 50' 100'

N

LEGEND

- R/W — EXISTING RIGHT OF WAY
- (#) FOUND SURVEY MONUMENTS
- CP## CONTROL POINTS
- AT## AERIAL TARGETS
- 351+00 SURVEY CENTERLINE
- 351+00 CONSTRUCTION CENTERLINE
- APPROXIMATE PROPERTY LINE



Control Points and Aerial Targets

Point # and Aerial Target #	S/L Station	Offset	Description	Northing	Easting	Elevation
AT 1	346+88.89	3.67' LEFT	SET NAIL+TIN FOR AERIAL TARGET NO.1	4679.3198	5651.9109	1229.59
AT 2	353+81.13	7.93' LEFT	SET NAIL+TIN FOR AERIAL TARGET NO.2	5003.4795	5040.2433	1222.50
AT 3	355+56.57	313.94' LEFT	SET 2X2 HUB WTAC FOR AERIAL TARGET NO. 3	4817.0883	4740.7859	1224.84
CP20	359+18.05	28.12' RIGHT	SET SPIKE FOR CP20	5380.2553	4699.8676	1215.76

LICENSED LAND SURVEYOR
DOUGLAS A. RION
PLS 8546
STATE OF CALIFORNIA

7/30/13

LA PANZA ROAD WIDENING PROJECT

RIGHT OF WAY & CONTROL MAP STA. 346+00 TO 361+00

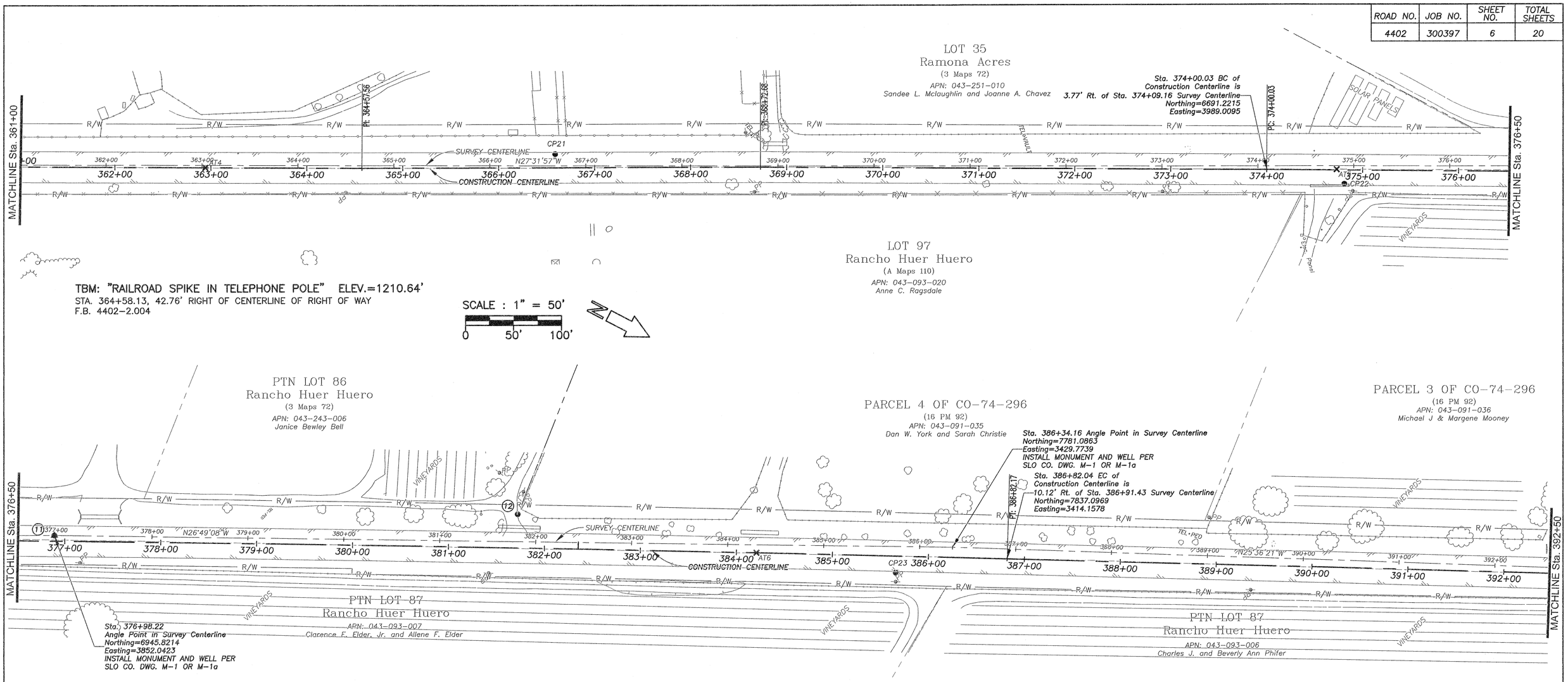
CRESTON, CA

Designer	Date	Drawn By	Date	Design Engineer	Date
D RION	11/12	C COX	11/12	J WERST	11/12

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\Right of Way\La Panza Rd Right of Way.dwg, 7/30/2013 8:00:19 AM

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	6	20



TBM: "RAILROAD SPIKE IN TELEPHONE POLE" ELEV.=1210.64'
STA. 364+58.13, 42.76' RIGHT OF CENTERLINE OF RIGHT OF WAY
F.B. 4402-2.004

SCALE : 1" = 50'
0 50' 100'

Control Points and Aerial Targets

Point # and Aerial Target #	S/L Station	Offset	Description	Northing	Easting	Elevation
AT 4	363+03.37	2.40' RIGHT	SET NAIL+TIN FOR AERIAL TARGET NO.4	5710.0444	4498.9450	1211.19
CP21	366+67.92	12.13' LEFT	SET SPIKE FOR CP21	6026.5906	4317.5496	1206.39
AT 5	374+82.12	3.61' RIGHT	SET NAIL+TIN FOR AERIAL TARGET NO.5	6755.8621	3955.1374	1198.64
CP22	374+90.16	18.64' RIGHT	SET SPIKE FOR CP22	6769.9403	3964.7471	1197.79
AT 6	384+30.03	8.29' RIGHT	SET NAIL+TIN FOR AERIAL TARGET NO.6	7602.6494	3529.2752	1189.00
CP23	385+75.28	27.10' RIGHT	SET SPIKE FOR CP23	7740.7671	3480.5200	1186.56
CP24	393+36.08	9.79' LEFT	SET SPIKE FOR CP24	8409.8353	3117.5881	1178.28
AT 7	393+41.94	5.48' RIGHT	SET NAIL+TIN FOR AERIAL TARGET NO.7	8421.7208	3128.8260	1178.95
CP25	393+84.34	302.60' RIGHT	SET SPIKE FOR CP25	8588.3656	3378.4496	1192.61

FOUND SURVEY MONUMENTS (BASED ON SURVEY CENTERLINE)

NO.	STATION	OFFSET	DESCRIPTION	REFERENCE	NORTHING	EASTING
(11)	376+98.22	0.00'	3/4" IRON PIPE, 20" beneath pavement, held for CL of R/W	3 MB 72	6945.8214	3852.0423
(12)	381+80.78	28.58' LEFT	2" IRON PIPE W/NAIL AND FLAGGING	680 OR 202	7363.5833	3608.8235

LICENSED LAND SURVEYOR
DOUGLAS A. RION
PLS 8546
STATE OF CALIFORNIA

1/30/13

LA PANZA ROAD WIDENING PROJECT
RIGHT OF WAY & CONTROL MAP STA. 361+00 TO 392+50
CRESTON, CA

Designer	Date	Drawn By	Date	Design Engineer	Date
D RION	11/12	C COX	11/12	J WERST	11/12

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\Right of Way\La Panza Rd Right of Way.dwg, 7/30/2013 7:58:52 AM

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	7	20

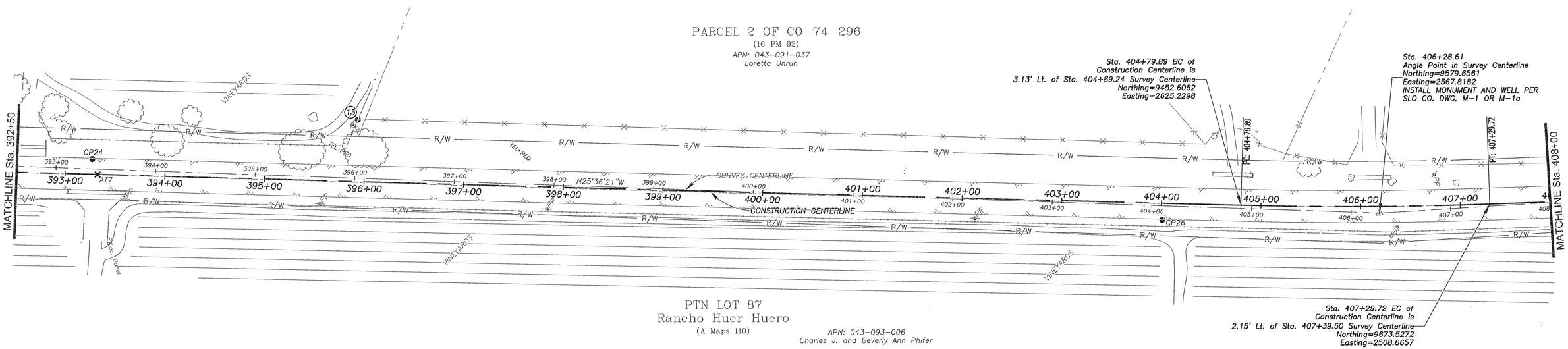
SCALE : 1" = 50'

0 50' 100'

N

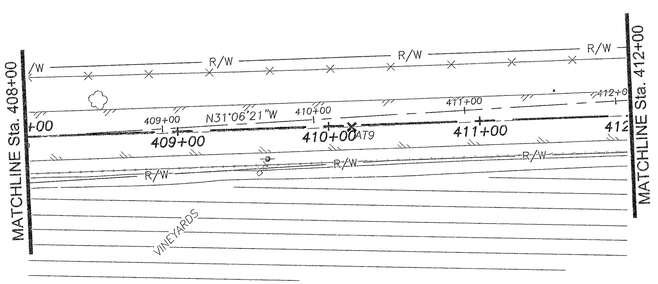
FOUND SURVEY MONUMENTS (BASED ON SURVEY CENTERLINE)

NO.	STATION	OFFSET	DESCRIPTION	REFERENCE	NORTHING	EASTING
13	396+00.94	58.29' LEFT	1/2" IRON PIPE with PARTIAL PLASTIC CAP	NO RECORD	8627.7279	2959.3840



Control Points and Aerial Targets

Point # and Aerial Target #	S/L Station	Offset	Description	Northing	Easting	Elevation
CP26	404+10.88	14.03' RIGHT	SET SPIKE FOR CP26	9389.3841	2674.5667	1165.89
AT 9	410+24.96	6.39' RIGHT	SET 2X2 HUB W/TAC FOR AERIAL TARGET NO. 10	9922.3190	2368.5311	1160.35
CP25	393+84.34	302.60' RIGHT	SET SPIKE FOR CP25	8588.3656	3378.4496	1192.61



LICENSED LAND SURVEYOR
DOUGLAS A. RION
PLS 8546
STATE OF CALIFORNIA

7/22/13

LA PANZA ROAD WIDENING PROJECT

RIGHT OF WAY & CONTROL MAP STA. 392+50 TO 412+00

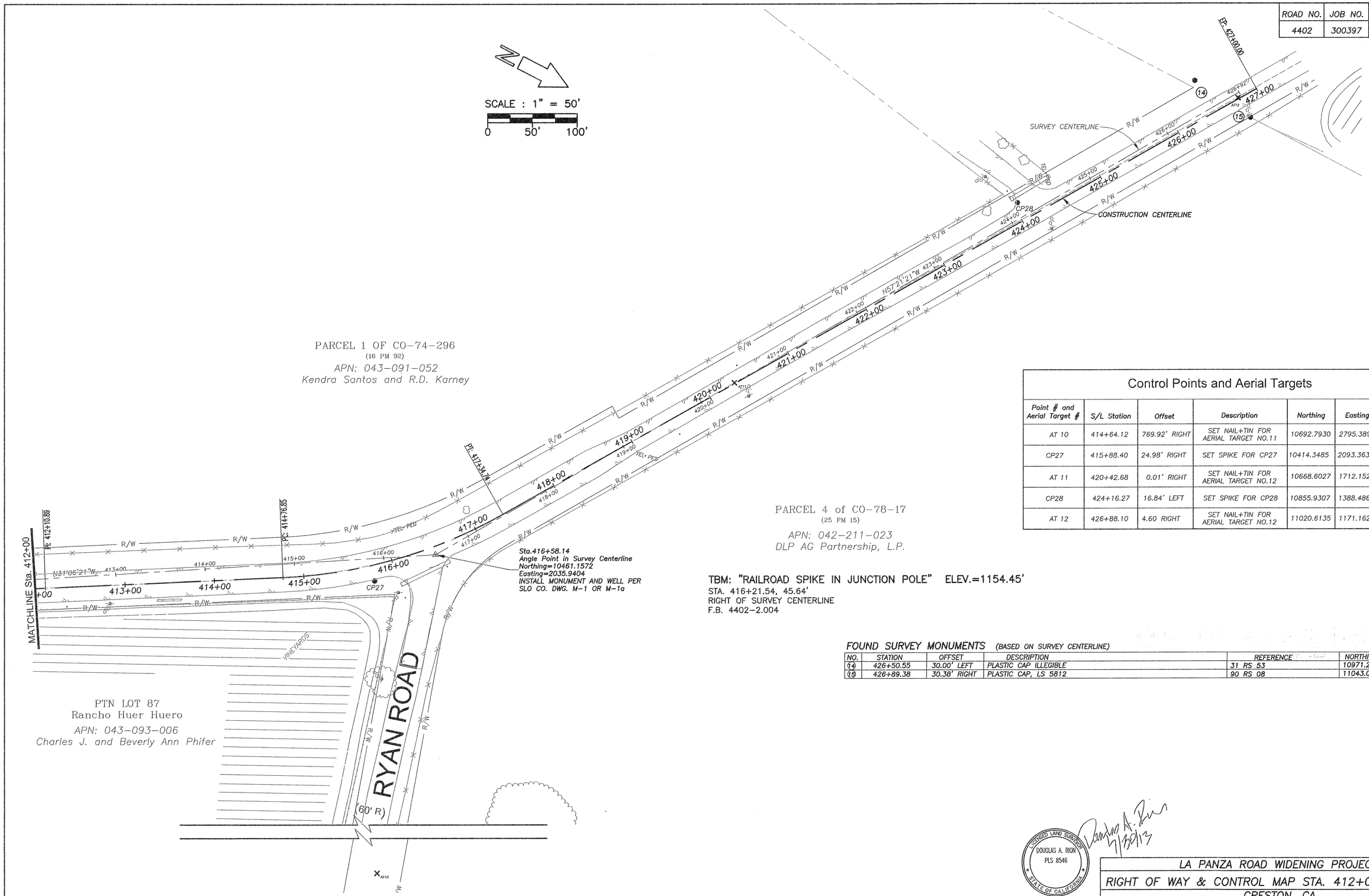
CRESTON, CA

Designer	Date	Drawn By	Date	Design Engineer	Date
D RION	11/12	C COX	11/12	J WERST	11/12

0 1 2 3 ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\Right of Way\La Panza Rd Right of Way.dwg , 7/30/2013 7:48:28 AM

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	8	20



Control Points and Aerial Targets

Point # and Aerial Target #	S/L Station	Offset	Description	Northing	Easting	Elevation
AT 10	414+64.12	769.92' RIGHT	SET NAIL+TIN FOR AERIAL TARGET NO.11	10692.7930	2795.3894	1153.70
CP27	415+88.40	24.98' RIGHT	SET SPIKE FOR CP27	10414.3485	2093.3631	1154.17
AT 11	420+42.68	0.01' RIGHT	SET NAIL+TIN FOR AERIAL TARGET NO.12	10668.6027	1712.1526	1148.94
CP28	424+16.27	16.84' LEFT	SET SPIKE FOR CP28	10855.9307	1388.4866	1146.8
AT 12	426+88.10	4.60 RIGHT	SET NAIL+TIN FOR AERIAL TARGET NO.12	11020.6135	1171.1623	1144.48

TBM: "RAILROAD SPIKE IN JUNCTION POLE" ELEV.=1154.45'
STA. 416+21.54, 45.64'
RIGHT OF SURVEY CENTERLINE
F.B. 4402-2.004

FOUND SURVEY MONUMENTS (BASED ON SURVEY CENTERLINE)

NO.	STATION	OFFSET	DESCRIPTION	REFERENCE	NORTHING	EASTING
14	426+50.55	30.00' LEFT	PLASTIC CAP ILLEGIBLE	31 RS 53	10971.2249	1184.1179
15	426+89.38	30.38' RIGHT	PLASTIC CAP, LS 5812	90 RS 08	11043.0142	1183.9944

LICENSED LAND SURVEYOR
DOUGLAS A. RION
PLS 8546
STATE OF CALIFORNIA

7/30/13

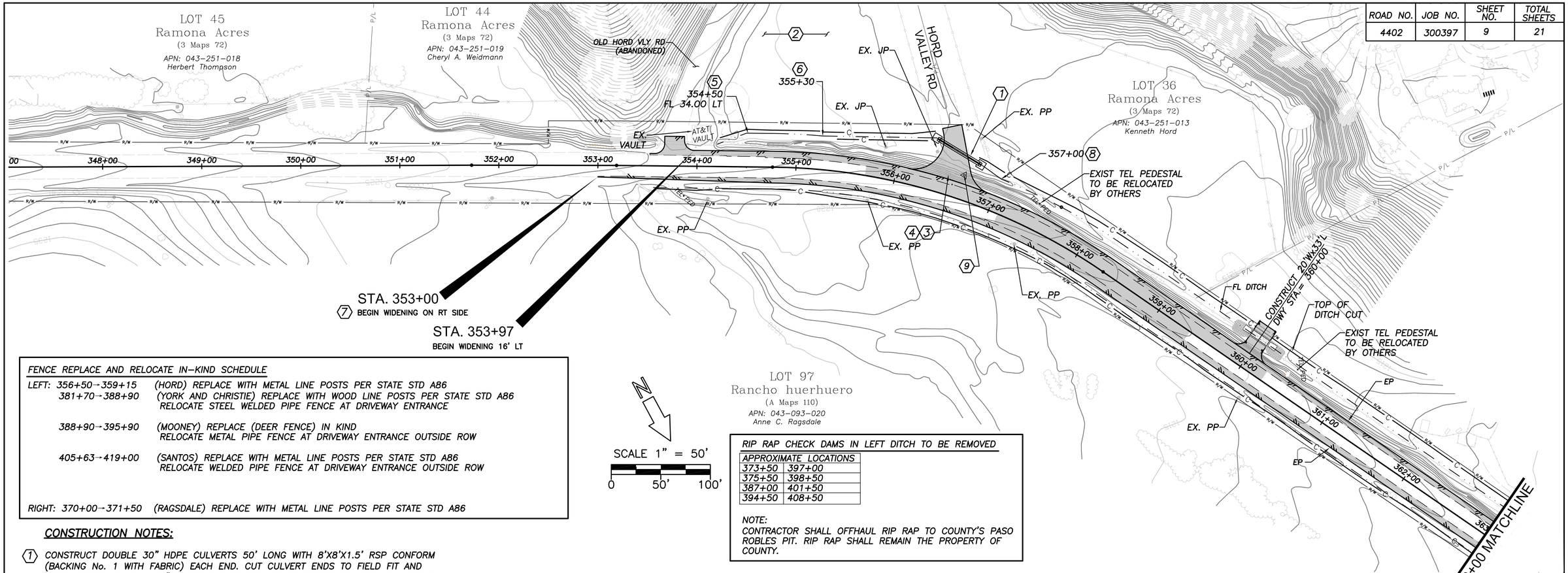
LA PANZA ROAD WIDENING PROJECT
RIGHT OF WAY & CONTROL MAP STA. 412+00 TO 427+00
CRESTON, CA

Designer	Date	Drawn By	Date	Design Engineer	Date
D RION	11/12	C COX	11/12	J WERST	11/12

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\Right of Way\La Panza Rd Right of Way.dwg, 7/30/2013 7:46:56 AM

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	9	21



FENCE REPLACE AND RELOCATE IN-KIND SCHEDULE

LEFT:	356+50→359+15	(HORD) REPLACE WITH METAL LINE POSTS PER STATE STD A86
	381+70→388+90	(YORK AND CHRISTIE) REPLACE WITH WOOD LINE POSTS PER STATE STD A86 RELOCATE STEEL WELDED PIPE FENCE AT DRIVEWAY ENTRANCE
	388+90→395+90	(MOONEY) REPLACE (DEER FENCE) IN KIND RELOCATE METAL PIPE FENCE AT DRIVEWAY ENTRANCE OUTSIDE ROW
	405+63→419+00	(SANTOS) REPLACE WITH METAL LINE POSTS PER STATE STD A86 RELOCATE WELDED PIPE FENCE AT DRIVEWAY ENTRANCE OUTSIDE ROW
RIGHT:	370+00→371+50	(RAGSDALE) REPLACE WITH METAL LINE POSTS PER STATE STD A86

RIP RAP CHECK DAMS IN LEFT DITCH TO BE REMOVED

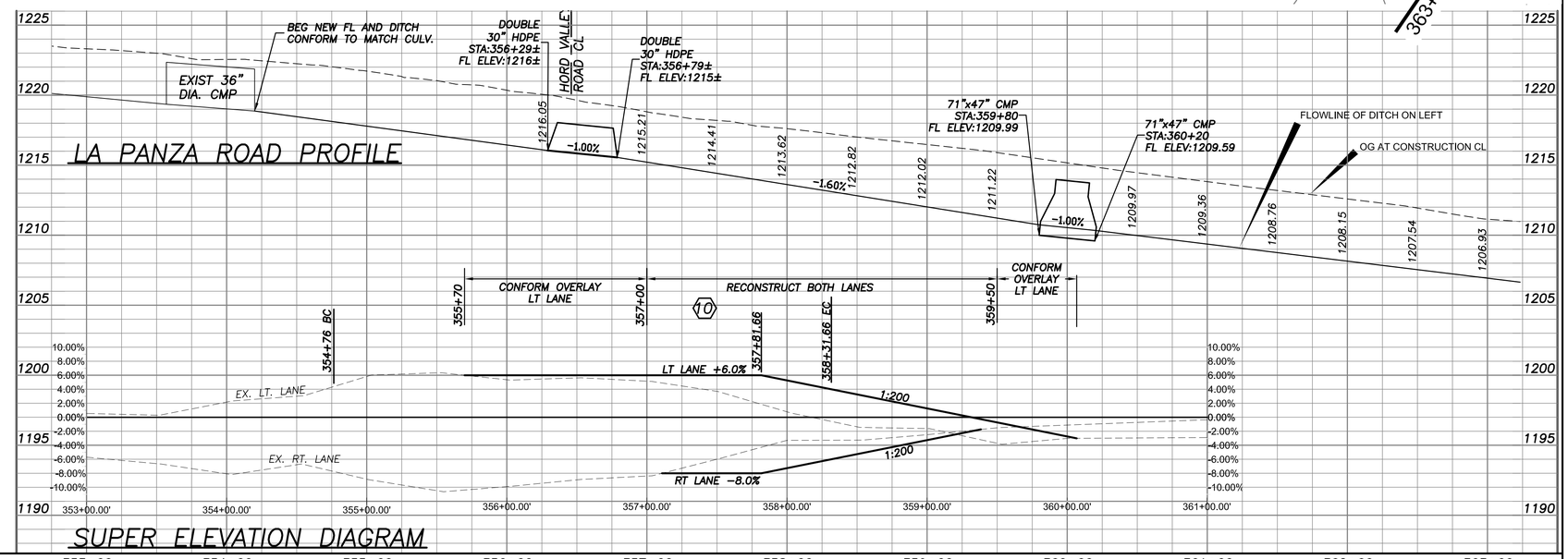
APPROXIMATE LOCATIONS	
373+50	397+00
375+50	398+50
387+00	401+50
394+50	408+50

NOTE:
CONTRACTOR SHALL OFFHAUL RIP RAP TO COUNTY'S PASO ROBLES PIT. RIP RAP SHALL REMAIN THE PROPERTY OF COUNTY.

CONSTRUCTION NOTES:

1. CONSTRUCT DOUBLE 30" HDPE CULVERTS 50' LONG WITH 8'X8'X1.5' RSP CONFORM (BACKING No. 1 WITH FABRIC) EACH END. CUT CULVERT ENDS TO FIELD FIT AND MATCH SLOPE OF 2:1. 12" CLEAR BETWEEN CULVS, BACKFILL PER SHALLOW TRENCH DETAIL SLO Co. STD U-4b.
   CULV INLETS: STA 356+29±, 52' LT, ELEV 1216±
   CULV OUTLETS STA 356+79±, 40' LT, ELEV 1215±
2. TEMPORARY CONSTRUCTION STAGING AREA BETWEEN OLD HORD VLY RD. AND HORD VLY RD., CONSTRUCT ENTRANCE AND EXIT VIA OLD HORD VLY RD. ONLY. CONTRACTOR SHALL MAINTAIN ACCESS TO MAILBOXES, AND SHALL NOT OBSTRUCT TURN AROUND AREA.
3. REMOVE EXISTING HORD VALLEY ROAD ENTRANCE. REMOVE EXISTING 36", CMP FILL IN EXISTING DITCH AND REGRADE. REMOVE AND/OR RE-USE EXISTING RSP AS DIRECTED BY ENGINEER.
4. CONSTRUCT NEW HORD VLY RD ENTRANCE WITH 30' TANGENT RETURN RADII AND CONFORM TO EXISTING AT ROW LINE, AS SHOWN.
5. BEGIN NEW TYPICAL ROADWAY SECTION LEFT.
6. END DITCH PER TYPICAL SECTION. BEGIN CONFORM AND CONSTRUCT NEW TRAPEZOIDAL DITCH WITH 2:1 SIDES SLOPES AND 4' WIDE FLAT BOTTOM.
7. BEGIN 150' LONG EP PAVEMENT TRANSITION TO FULL WIDTH, RT SIDE: BEGIN STA 353+00, END STA 354+50 16' RT.
8. BEGIN STANDARD DITCH PER TYPICAL RDWY SECTION, LEFT.
9. CONSTRUCT STANDARD STREET MONUMENT PER SLO CO STD M-1.
10. RECONSTRUCT WITH 0.4' A.C. OVER A.B. (A.B. TO MATCH GRADE).

REGISTERED PROFESSIONAL ENGINEER KIDD C. IMMEL C 68427 CIVIL STATE OF CALIFORNIA



STA		353+00	354+00	355+00	356+00	357+00	358+00	359+00	360+00	361+00	362+00	363+00	
CU YDS	EXC	104	187	108	141	173	198	217	217	201	195		TOTAL 1741
	EMB	2	67	135	99	68	64	57	65	73	70		TOTAL 700

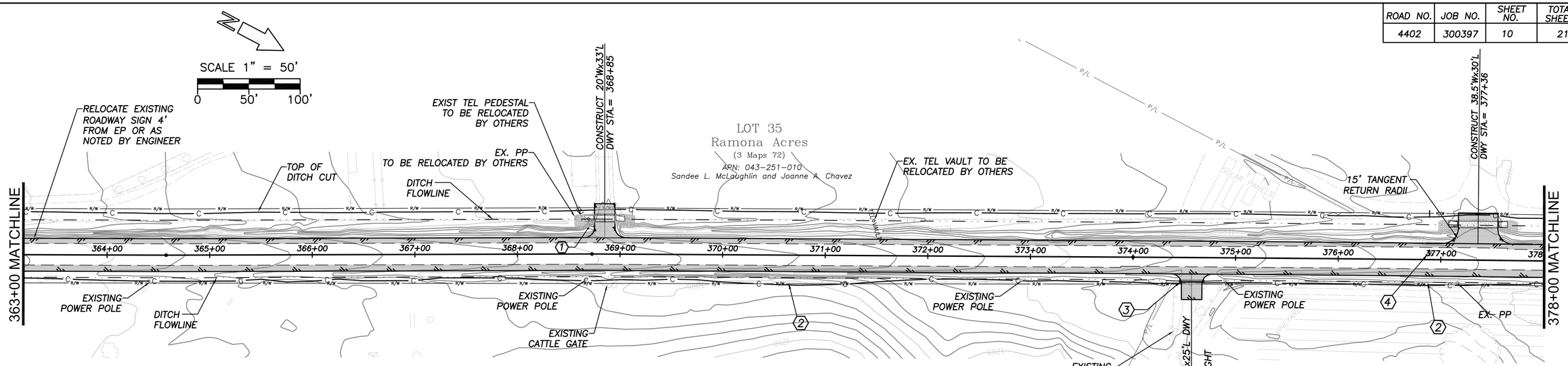
Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	7/13	J WERST	11/12

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

LA PANZA ROAD WIDENING PROJECT
PLAN AND PROFILE STA. 347+00 TO 363+00

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\La Panza plan and profile.dwg, 11/12/2014 2:24:14 PM, CCox

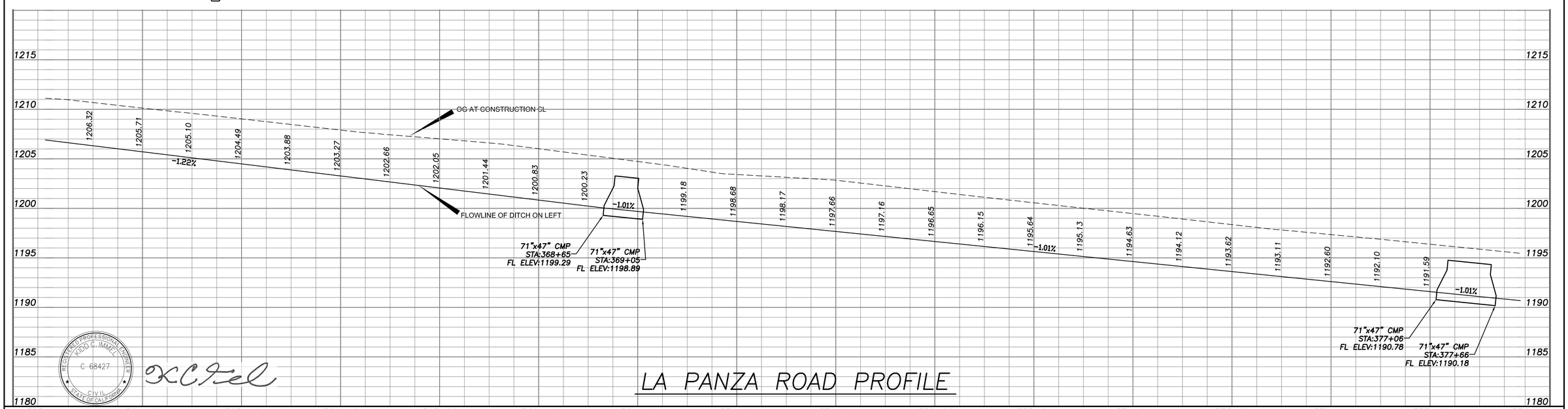
ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	10	21



CONSTRUCTION NOTES:

1. TREE STUMP TO BE REMOVED. 8" BLUE OAK.
2. STEEPEN BACKSLOPE OF DITCH AS NECESSARY TO STAY WITHIN ROW, FROM STA 370+00 TO STA 371+500, AND FROM STA 376+50 TO STA 377+50.
3. INSTALL TWO 12" DIA. RCP CULVERTS 24' LONG, SEE CROSS SECTIONS FOR ADDITIONAL DETAIL. VERIFY VERTICAL LAYOUT WITH ENGINEER PRIOR TO PLACING PIPES.

   NOTE TO ENGINEER: WATER IS INTENDED TO OVER-TOP CULVERT AND FLOW OVER DRIVE DURING SIGNIFICANT STORM EVENTS. DO NOT "CROWN" DRIVEWAY OVER DITCH. EMBED CULVERTS AS NECESSARY
4. CONSTRUCT STANDARD STREET MONUMENT PER SLO CO STD M-1.



REGISTERED PROFESSIONAL ENGINEER KODO C. IMMEL C 68427 CIVIL STATE OF CALIFORNIA

LA PANZA ROAD PROFILE

STA	363+00	364+00	365+00	366+00	367+00	368+00	369+00	370+00	371+00	372+00	373+00	374+00	375+00	376+00	377+00	378+00	
CU YDS EXC	202	191	188	198	186	187	208	196	175	189	207	203	182	172	183		TOTAL 2867
CU YDS EMB	56	59	74	71	82	66	62	86	82	72	63	64	76	86	86		TOTAL 1085

Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	7/13	J WERST	11/12

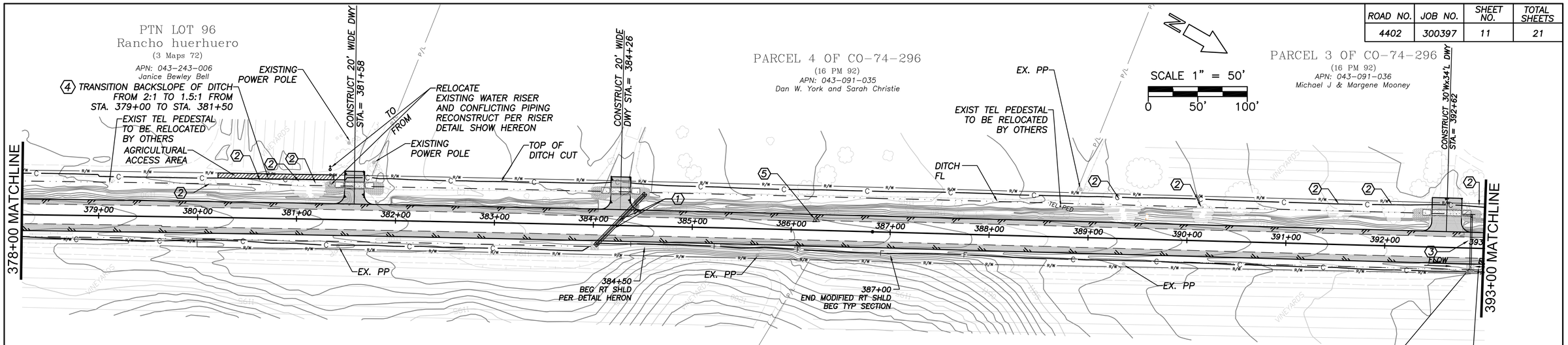
0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

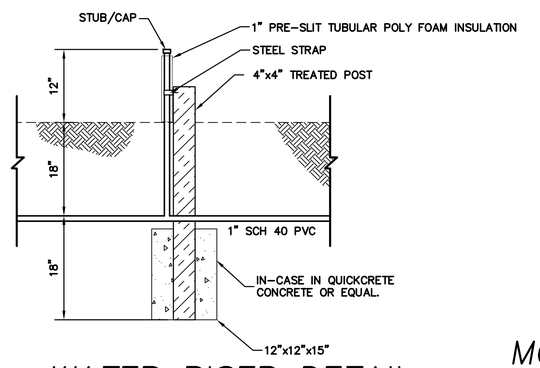
LA PANZA ROAD WIDENING PROJECT

PLAN AND PROFILE STA. 363+00 TO 378+00

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\La Panza plan and profile.dwg, 11/12/2014 2:24:05 PM, CCox

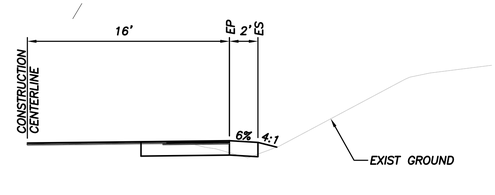
ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	11	21





WATER RISER DETAIL

NOT TO SCALE



MODIFIED RT SHOULDER DETAIL

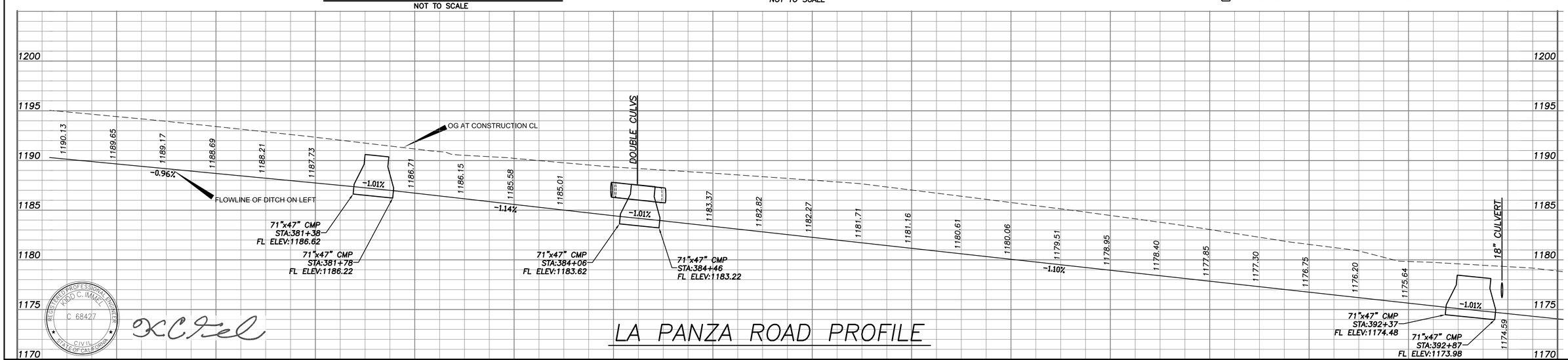
STA. 384+50 TO STA. 387+00
NOT TO SCALE

TREE STUMP REMOVAL SCHEDULE

Station	Offset	Size
380+17	34' LT.	10" CIGAR TREE
380+63	32' LT.	8" APRICOT
381+11	63' LT.	10" APRICOT
381+24	62' LT.	10" APRICOT
389+31	34' LT.	28" FOOTHILL PINE
390+15	27' LT.	2X8" BLUE OAK
391+54	35' LT.	14" SYCAMORE
392+09	35' LT.	10" SYCAMORE
392+94	42" LT.	12" SYCAMORE

CONSTRUCTION NOTES:

1. CONSTRUCT SIDE BY SIDE, TWO 18" HDPE CULVERTS, STA 384+00 INLET 384+50 OUTLET 12" CLR BETWEEN PIPE CULVERTS.
2. REMOVE TREE STUMP, SEE SCHEDULE HEREON.
3. CONSTRUCT 18" HDPE CULVERT, STA 392+87.
4. INCREASED BACK-SLOPE REQUIRED TO STAY WITHIN ROW AND MAINTAIN CLEARANCE FOR VINEYARD ACCESS AND EQUIPMENT. FIELD VERIFY FINAL CUT SLOPE AND LAYOUT WITH ENGINEER.
5. CONSTRUCT STANDARD STREET MONUMENT PER SLO CO STD M-1.



LA PANZA ROAD PROFILE

STA	379+00	380+00	381+00	382+00	383+00	384+00	385+00	386+00	387+00	388+00	389+00	390+00	391+00	392+00	393+00	
CU YDS EXC	193	196	208	218	231	243	209	161	144	156	163	168	183	196	191	TOTAL 2860
CU YDS EMB	69	54	58	85	89	71	92	117	143	146	129	100	76	66	82	TOTAL 1377

Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	7/13	J WERST	11/12

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

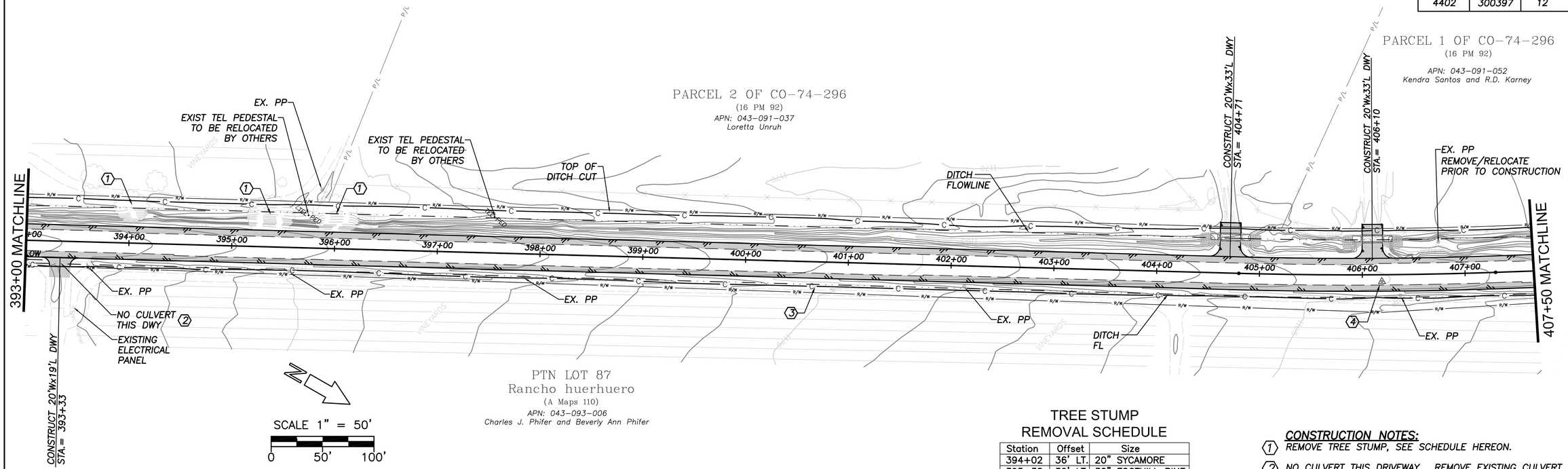
LA PANZA ROAD WIDENING PROJECT

PLAN AND PROFILE STA. 378+00 TO 393+00

REGISTERED PROFESSIONAL ENGINEER
TODD C. IMMEL
C 68427
CIVIL
STATE OF CALIFORNIA

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\La Panza plan and profile.dwg, 11/12/2014 2:25:31 PM, COx

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	12	21

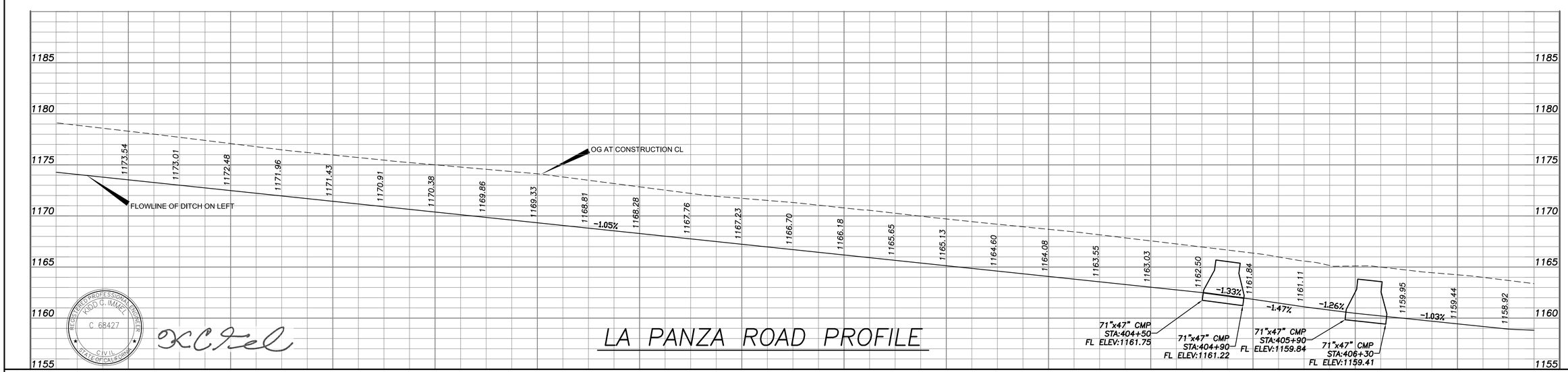


TREE STUMP REMOVAL SCHEDULE

Station	Offset	Size
394+02	36' LT.	20" SYCAMORE
395+38	30' LT.	32" FOOTHILL PINE
395+95	57' LT.	32" FOOTHILL PINE

CONSTRUCTION NOTES:

1. REMOVE TREE STUMP, SEE SCHEDULE HEREON.
2. NO CULVERT THIS DRIVEWAY. REMOVE EXISTING CULVERT AND CONSTRUCT NEW DWY ENTRANCE W/O CULVERT. SEE CROSS-SECTION SHEETS FOR ADDITIONAL VERTICAL LAYOUT DETAIL. EXISTING RC CULVERT MAY BE DIFFICULT TO REMOVE.
3. EXISTING FENCE AND BERM ALONG PHIFER PROPERTY (RIGHT, STA 394+00 TO 416+00) TO REMAIN IN-PLACE. ADJUST AND STEEPEN BACKSLOPE ACCORDINGLY. RECONSTRUCT AND FORTIFY BERM AS NECESSARY, AND AS DIRECTED BY THE ENGINEER.
4. CONSTRUCT STANDARD STREET MONUMENT PER SLO CO STD M-1.



LA PANZA ROAD PROFILE

STA	394+00	395+00	396+00	397+00	398+00	399+00	400+00	401+00	402+00	403+00	404+00	405+00	406+00	407+00	
CU YDS EXC	172	160	132	139	160	144	144	131	106	104	117	86	147	173	126	TOTAL 2041
CU YDS EMB	106	99	113	115	98	106	96	93	106	97	70	67	57	102	133	TOTAL 1458

Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	7/13	J WERST	11/12

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

LA PANZA ROAD WIDENING PROJECT

PLAN AND PROFILE STA. 393+00 TO 407+50

REGISTERED PROFESSIONAL ENGINEER KODD G. IMMEL C 68427 CIVIL STATE OF CALIFORNIA

XCEL

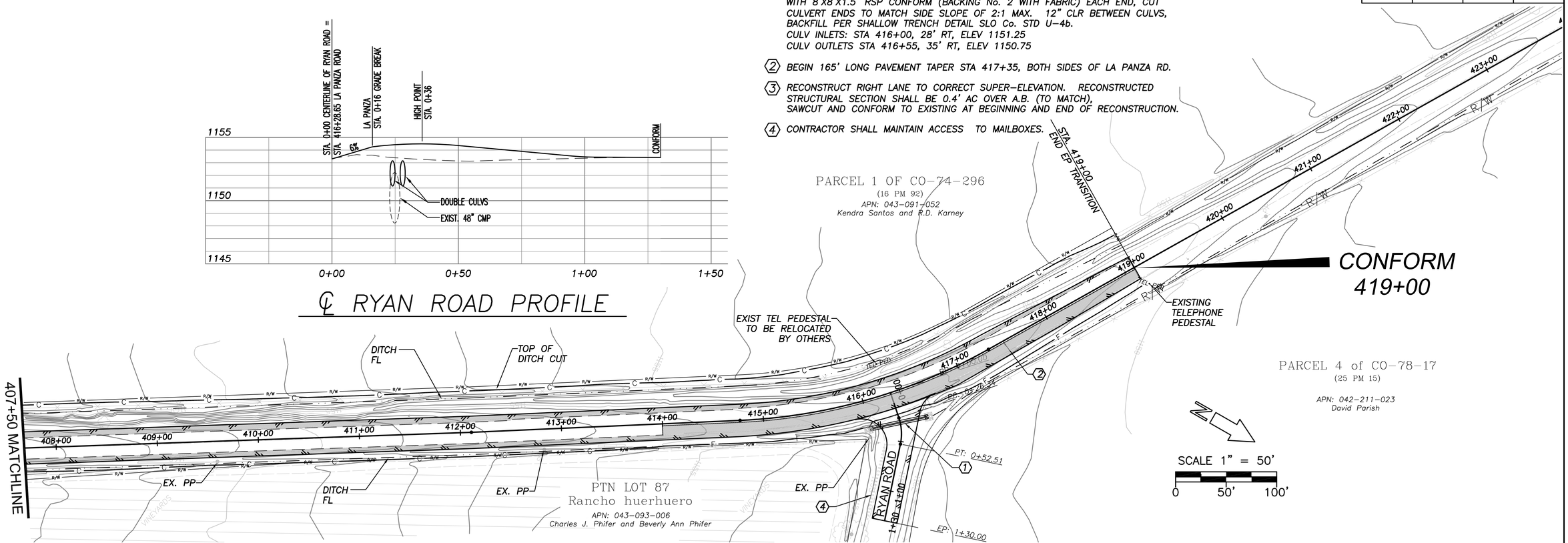
V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\La Panza plan and profile.dwg, 11/10/2014 2:26:06 PM, CCox

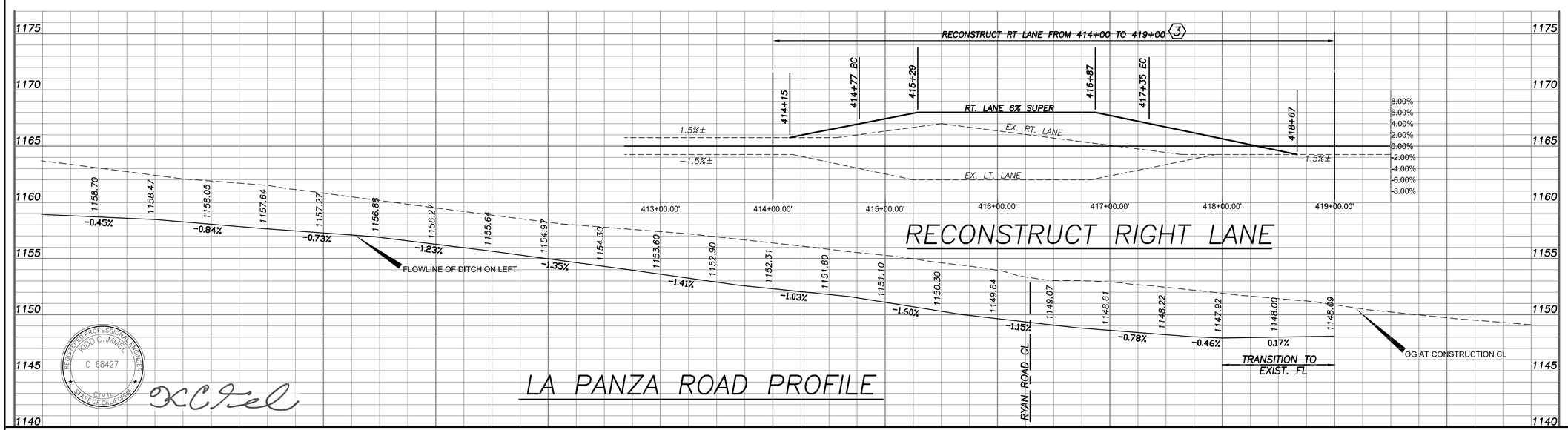
ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	13	21

CONSTRUCTION NOTES:

1. REMOVE EXISTING 48" CMP. CONSTRUCT DOUBLE 24" HDPE CULVERTS 60' LONG WITH 8'X8'X1.5' RSP CONFORM (BACKING No. 2 WITH FABRIC) EACH END, CUT CULVERT ENDS TO MATCH SIDE SLOPE OF 2:1 MAX. 12" CLR BETWEEN CULVS, BACKFILL PER SHALLOW TRENCH DETAIL SLO Co. STD U-4b.
   CULV INLETS: STA 416+00, 28' RT, ELEV 1151.25
   CULV OUTLETS STA 416+55, 35' RT, ELEV 1150.75
2. BEGIN 165' LONG PAVEMENT TAPER STA 417+35, BOTH SIDES OF LA PANZA RD.
3. RECONSTRUCT RIGHT LANE TO CORRECT SUPER-ELEVATION. RECONSTRUCTED STRUCTURAL SECTION SHALL BE 0.4' AC OVER A.B. (TO MATCH), SAWCUT AND CONFORM TO EXISTING AT BEGINNING AND END OF RECONSTRUCTION.
4. CONTRACTOR SHALL MAINTAIN ACCESS TO MAILBOXES.

℄ RYAN ROAD PROFILE





RECONSTRUCT RIGHT LANE

LA PANZA ROAD PROFILE

REGISTERED PROFESSIONAL ENGINEER
KIDD C. IMMEL
C 68427
CIVIL
STATE OF CALIFORNIA

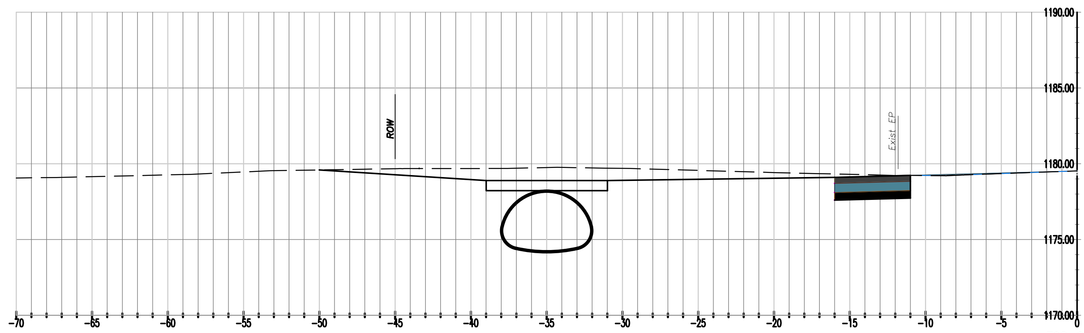
STA	409+00	410+00	411+00	412+00	413+00	414+00	415+00	416+00	417+00	418+00	419+00	420+00	
CU EXC	149	130	117	108	108	119	124	161	172	134	59		TOTAL 1507
CU EMB	92	111	127	92	55	57	66	69	65	63	31		TOTAL 961

Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	7/13	J WERST	11/12

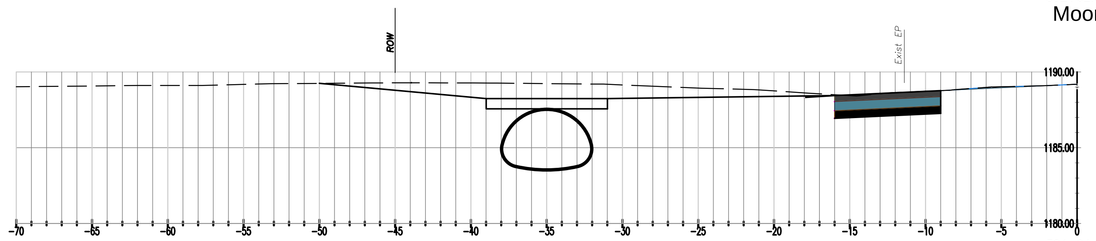
0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

LA PANZA ROAD WIDENING PROJECT
PLAN AND PROFILE STA. 407+50 TO 419+00

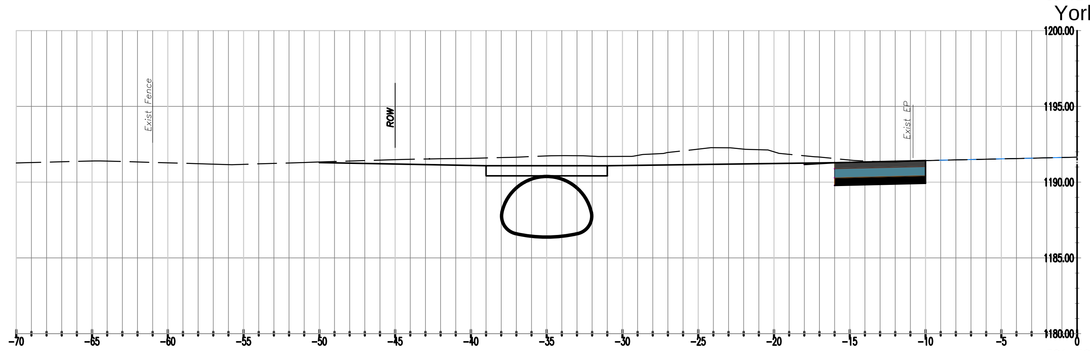
V:\AUTOCAD CIVIL 3D\ PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\La Panza plan and profile.dwg, 11/12/2014 2:26:44 PM, CCox



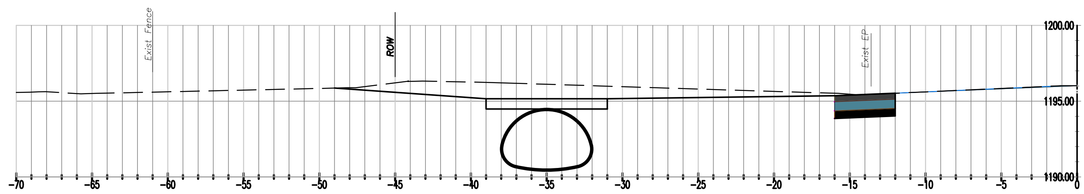
392+62.00
Mooney



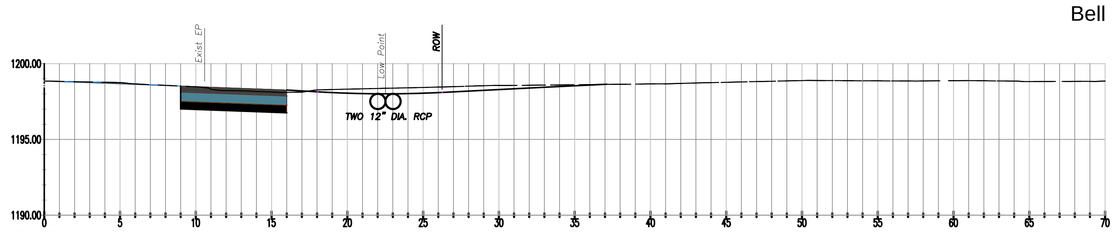
384+24.00
York



381+58.00
Bell



377+36.00
Bell



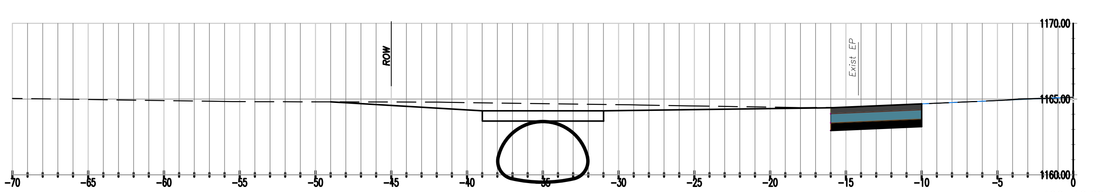
374+57.00
Elder

368+85.00
McLaughlin

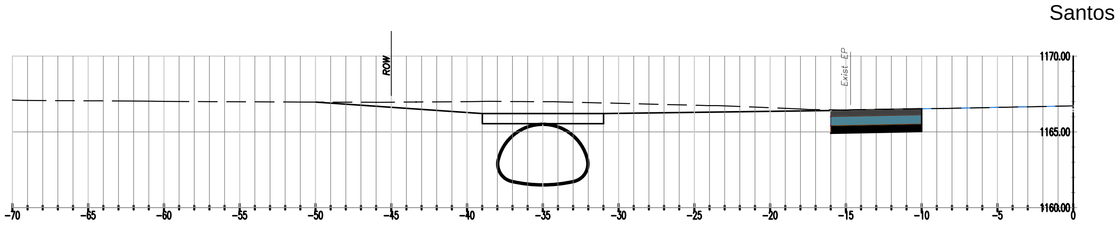
0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

Designer	Date	Drawn By	Date	ROAD. NO.	JOB. NO.
K IMMEL	6/12	c.cox	6/12	4402	300397

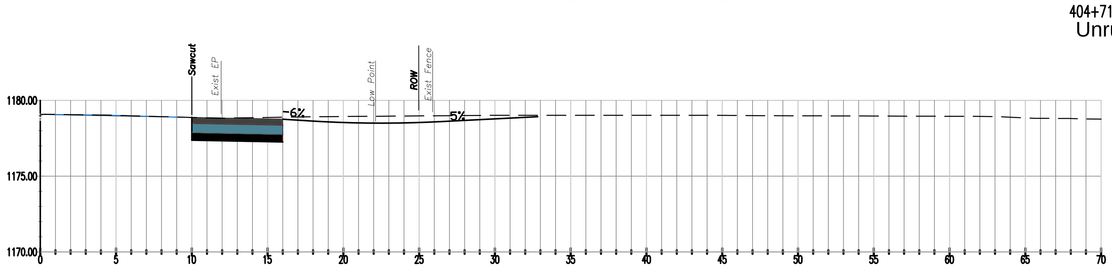
DRIVEWAY CROSS SECTIONS
SHEET 14 OF 21
LA PANZA



406+10.00
Santos



404+71.00
Unruh



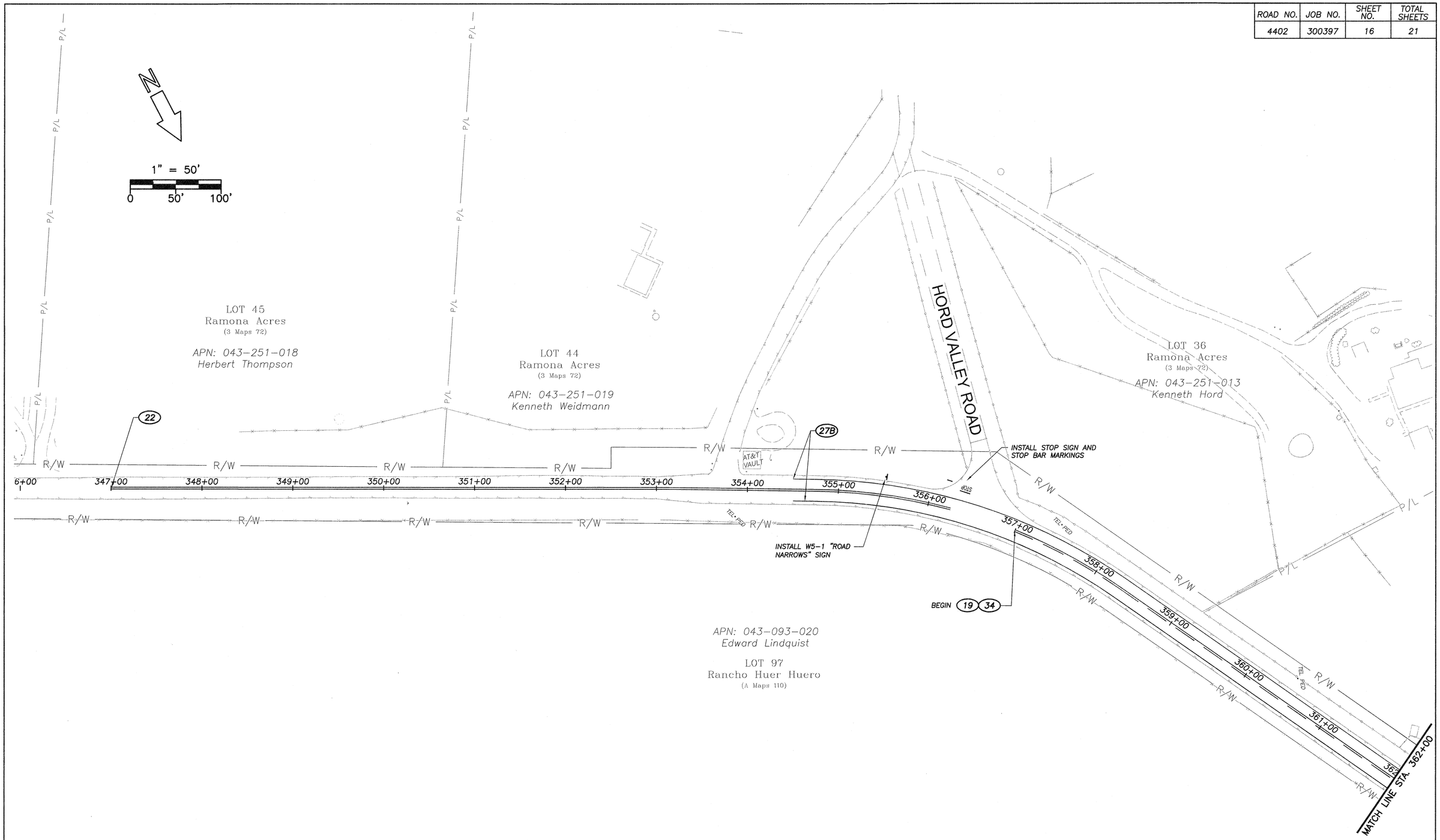
393+33.00
Phifer

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

Designer	Date	Drawn By	Date	ROAD. NO.	JOB. NO.
K IMMEL	6/12	c.cox	6/12	4402	300397

DRIVEWAY CROSS SECTIONS
SHEET 15 OF 21
LA PANZA

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	16	21



REGISTERED PROFESSIONAL ENGINEER
RYAN D. CHAPMAN
No. 71351
CIVIL
STATE OF CALIFORNIA

9/23/13

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

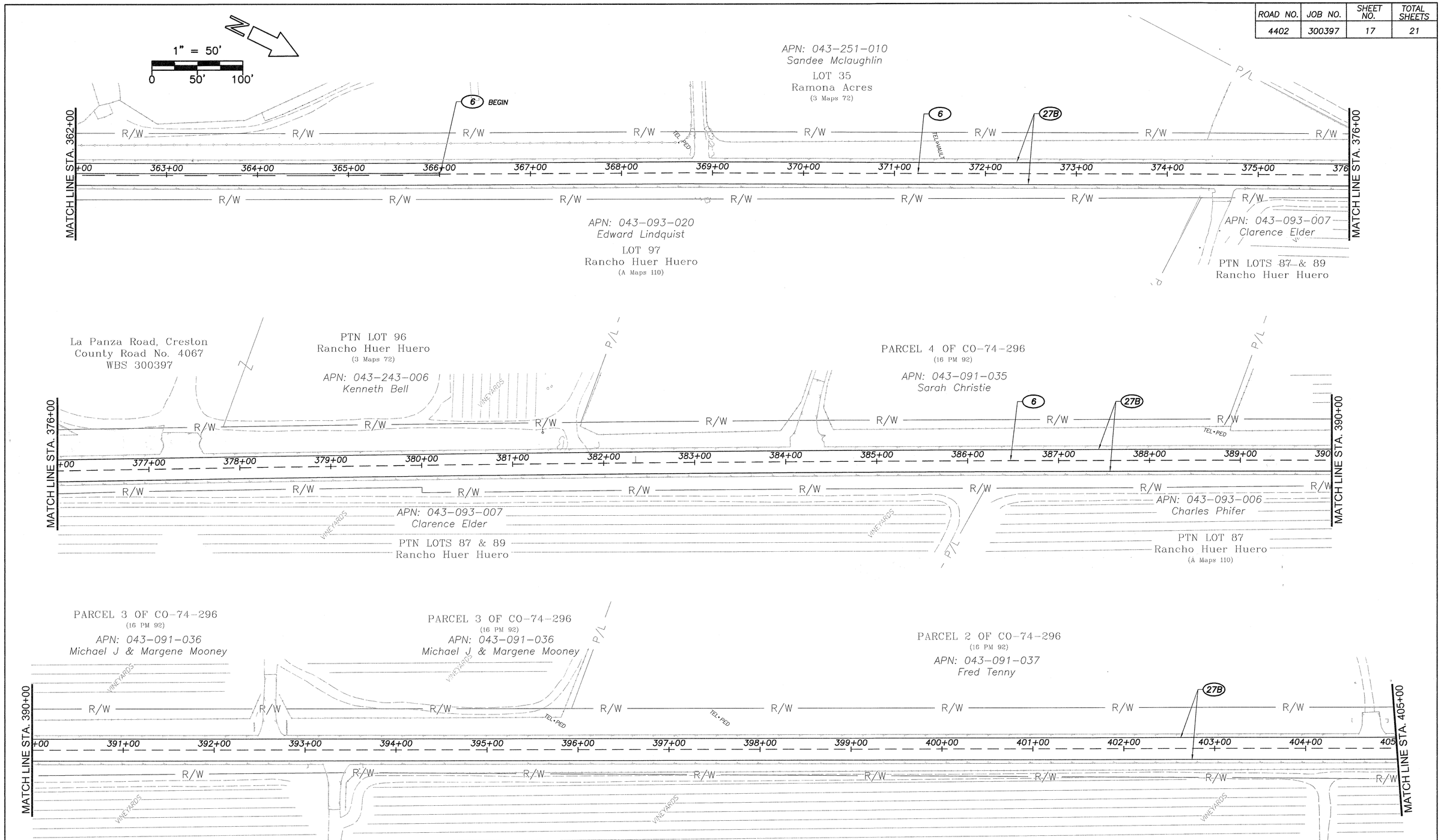
LA PANZA ROAD WIDENING PROJECT

STRIPING PLAN

CRESTON, CA

Designer	Date	Drawn By	Date	Design Engineer	Date
R CHAPMAN	11/12	C COX	11/12	J WERST	11/12

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	17	21



0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

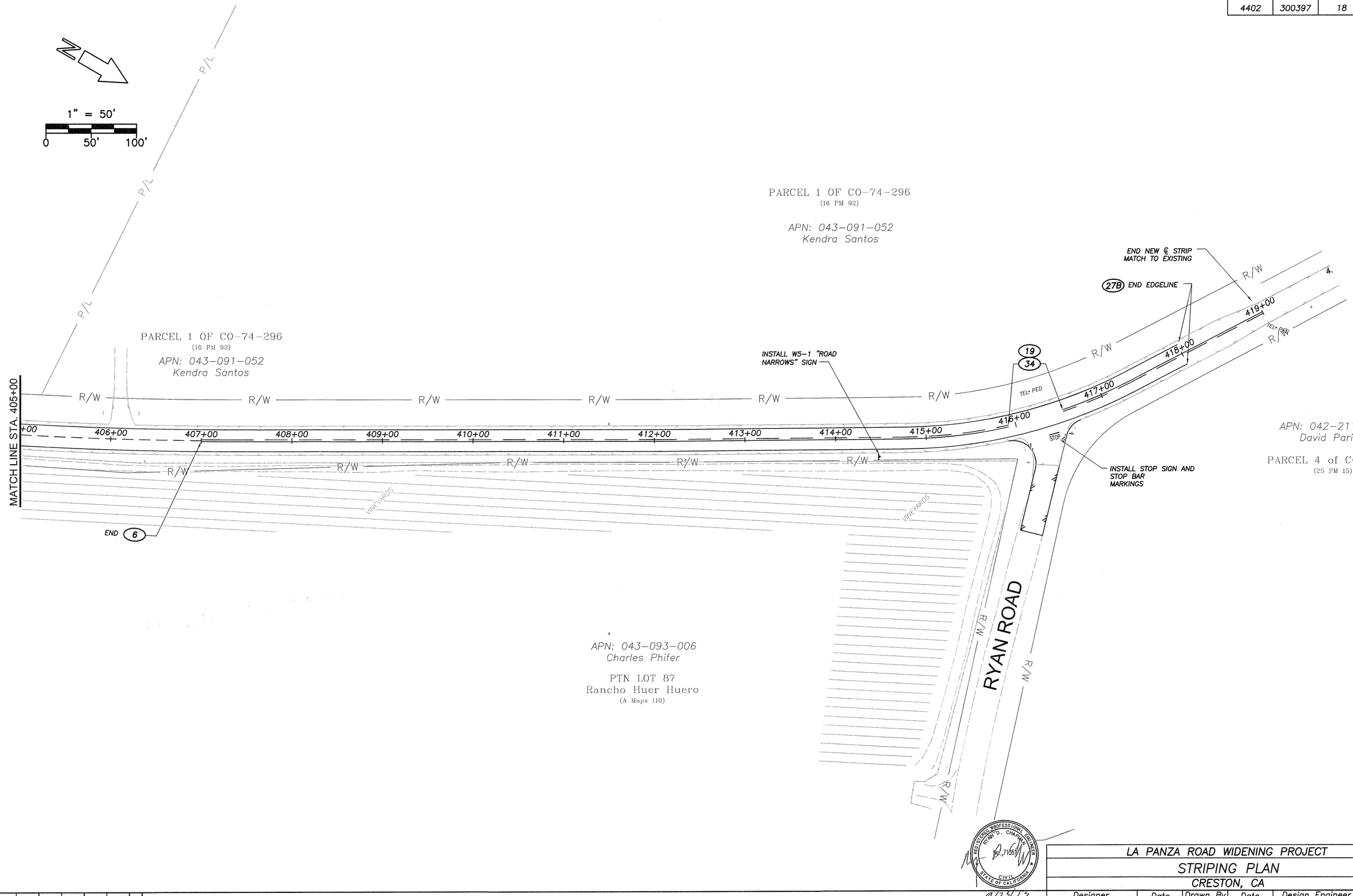
LA PANZA ROAD WIDENING PROJECT

STRIPING PLAN

CRESTON, CA

Designer	Date	Drawn By	Date	Design Engineer	Date
R CHAPMAN		C COX	11/12	J WERST	11/12

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	18	21

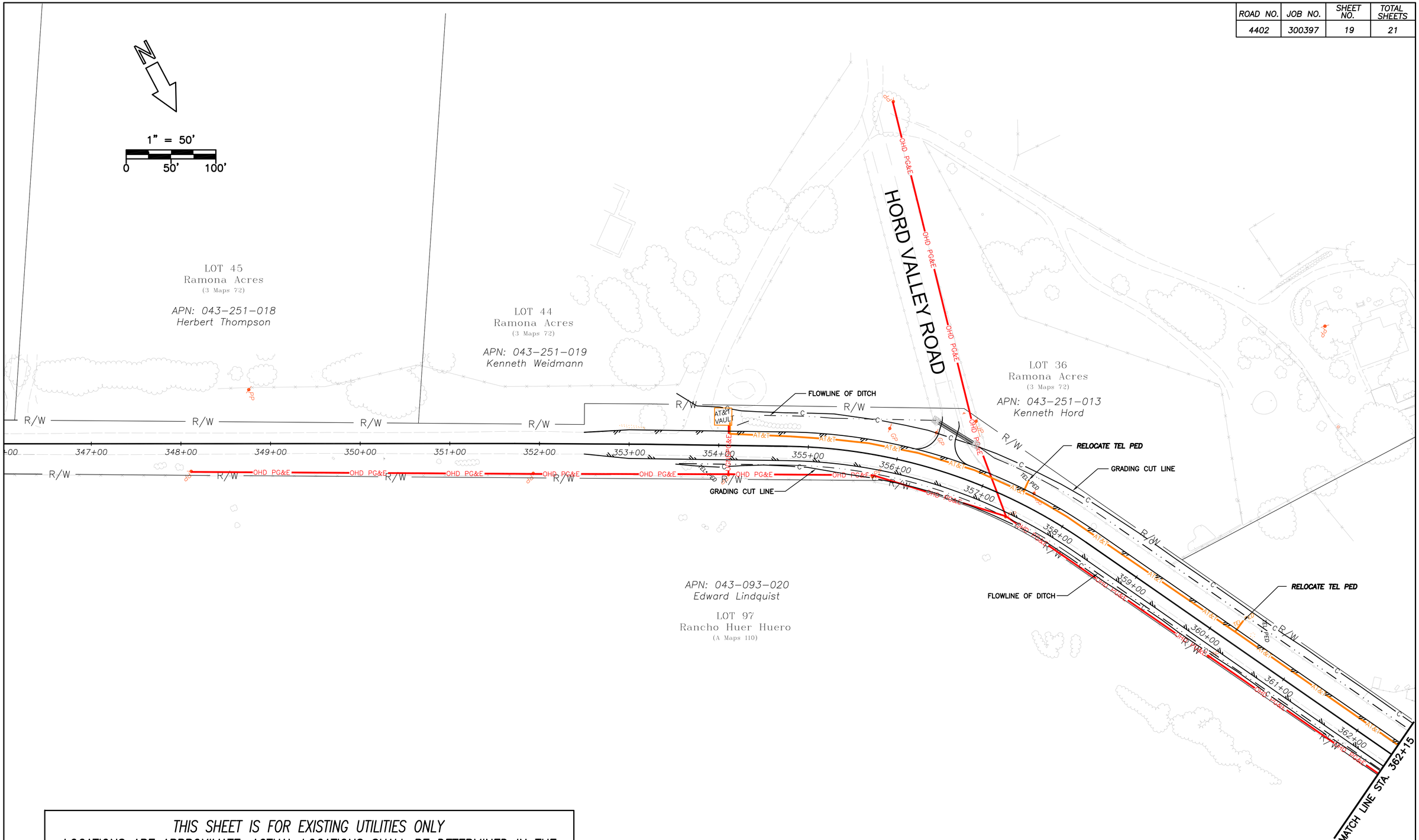


REGISTERED PROFESSIONAL ENGINEER
RYAN D. CHAPMAN
No. 71651
CIVIL
STATE OF CALIFORNIA
9/25/13

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

LA PANZA ROAD WIDENING PROJECT					
STRIPING PLAN					
CRESTON, CA					
Designer	Date	Drawn By	Date	Design Engineer	Date
R CHAPMAN	11/12	C COX	11/12	J WERST	11/12

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	19	21



THIS SHEET IS FOR EXISTING UTILITIES ONLY
LOCATIONS ARE APPROXIMATE, ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD PRIOR TO CONSTRUCTION BY THE CONTRACTOR

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

LA PANZA ROAD WIDENING PROJECT

COMPOSITE UTILITY PLAN

CRESTON, CA

Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	7/13	J WERST	11/12

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\Composite Utility Plan.dwg, 9/26/2013 10:22:06 AM, CCox

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	20	21

La Panza Road, Creston
County Road No. 4067
WBS 300397

1" = 50'
0 50' 100'

APN: 043-251-010
Sandee Mclaughlin
LOT 35
Ramona Acres
(3 Maps 72)

RELOCATE TEL PED
RELOCATE TEL VAULT
GRADING CUT LINE
FLOWLINE OF DITCH

MATCH LINE STA. 362+00
363+00 364+00 365+00 366+00 367+00 368+00 369+00 370+00 371+00 372+00 373+00 374+00 375+00 376+00 377+00
MATCH LINE STA. 377+50

FLOWLINE OF DITCH
GRADING CUT LINE

APN: 043-093-020
Edward Lindquist
LOT 97
Rancho Huer Huero
(A Maps 110)

APN: 043-093-007
Clarence Elder
PTN LOTS 87 & 89
Rancho Huer Huero

PTN LOT 96
Rancho Huer Huero
(3 Maps 72)
APN: 043-243-006
Kenneth Bell

PARCEL 4 OF CO-74-296
(16 PM 92)
APN: 043-091-035
Sarah Christie

PARCEL 3 OF CO-74-296
(16 PM 92)
APN: 043-091-036
Michael J & Margene Mooney

RELOCATE TEL PED
GRADING CUT LINE
FLOWLINE OF DITCH

MATCH LINE STA. 377+50
378+00 379+00 380+00 381+00 382+00 383+00 384+00 385+00 386+00 387+00 388+00 389+00 390+00 391+00 392+00
MATCH LINE STA. 392+50

GRADING CUT LINE
FLOWLINE OF DITCH

APN: 043-093-007
Clarence Elder
PTN LOTS 87 & 89
Rancho Huer Huero

APN: 043-093-006
Charles Phifer
PTN LOT 87
Rancho Huer Huero
(A Maps 110)

THIS SHEET IS FOR EXISTING UTILITIES ONLY
LOCATIONS ARE APPROXIMATE, ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD PRIOR TO CONSTRUCTION BY THE CONTRACTOR

PARCEL 3 OF CO-74-296
(16 PM 92)
APN: 043-091-036
Michael J & Margene Mooney

PARCEL 2 OF CO-74-296
(16 PM 92)
APN: 043-091-037
Fred Tenny

PARCEL 1 OF CO-74-296
(16 PM 92)
APN: 043-091-052
Kendra Santos

RELOCATE TEL PED
GRADING CUT LINE
FLOWLINE OF DITCH

MATCH LINE STA. 392+50
393+00 394+00 395+00 396+00 397+00 398+00 399+00 400+00 401+00 402+00 403+00 404+00 405+00 406+00 407+00
MATCH LINE STA. 408+00

GRADING CUT LINE
FLOWLINE OF DITCH

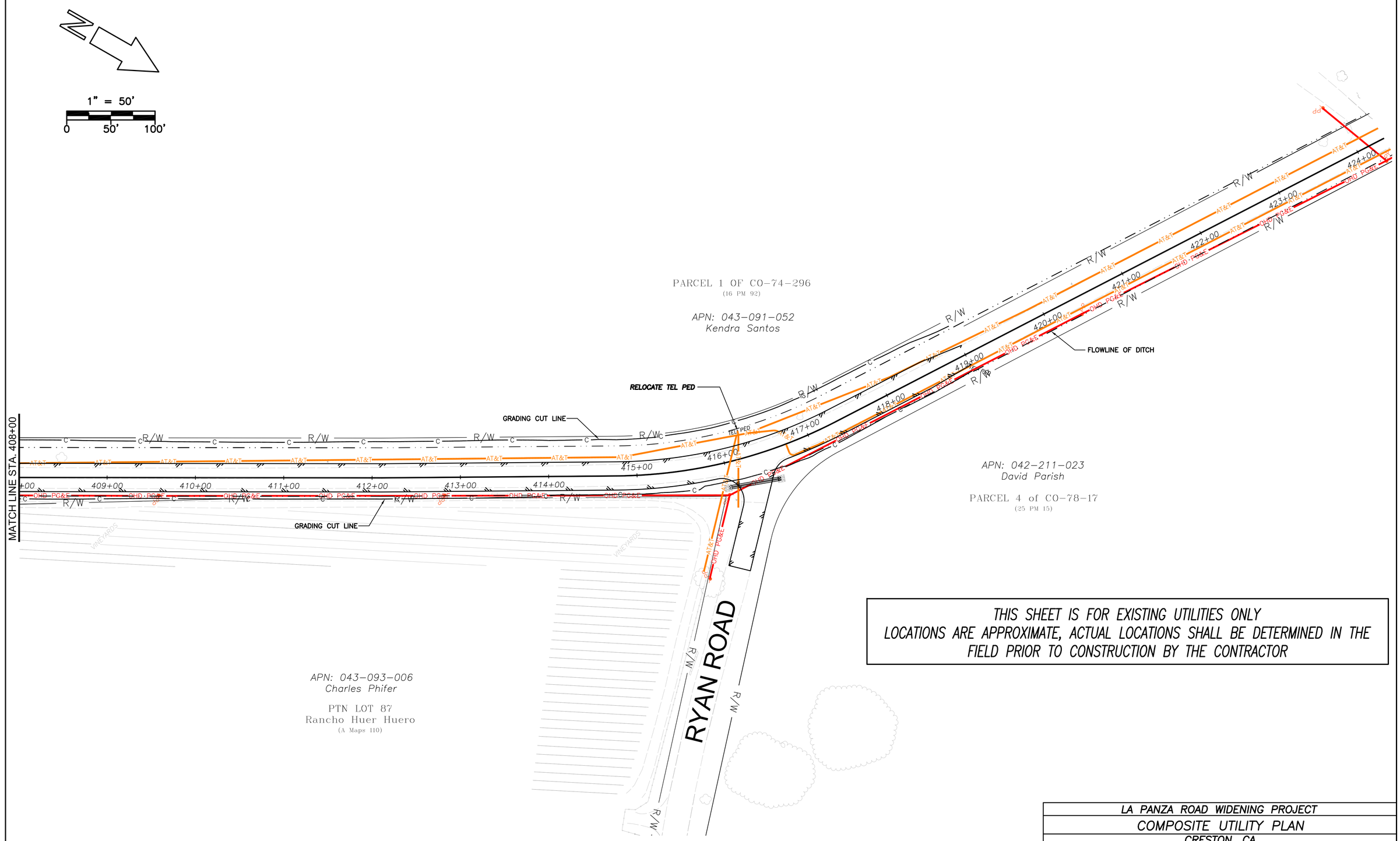
APN: 043-093-006
Charles Phifer
PTN LOT 87
Rancho Huer Huero
(A Maps 110)

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

LA PANZA ROAD WIDENING PROJECT					
COMPOSITE UTILITY PLAN					
CRESTON, CA					
Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	7/13	J WERST	11/12

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\Composite Utility Plan.dwg, 9/26/2013 9:32:07 AM, COx

ROAD NO.	JOB NO.	SHEET NO.	TOTAL SHEETS
4402	300397	21	21



THIS SHEET IS FOR EXISTING UTILITIES ONLY
LOCATIONS ARE APPROXIMATE, ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD PRIOR TO CONSTRUCTION BY THE CONTRACTOR

0 1 2 3
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

LA PANZA ROAD WIDENING PROJECT

COMPOSITE UTILITY PLAN

CRESTON, CA

Designer	Date	Drawn By	Date	Design Engineer	Date
K IMMEL	11/12	C COX	7/13	J WERST	11/12

V:\AUTOCAD CIVIL 3D PROJECTS\CIVIL 3D 2011\LA PANZA ROAD\2011\Final Drawings\Composite Utility Plan.dwg, 9/26/2013 9:33:18 AM, COox