



★ PROJECT LOCATION

COUNTY NAME: PIMA
 LENGTH OF PROJECT: 10.0 MILES
 ADOT DISTRICT: TUCSON (T)
 DRAWING NUMBER: D-10-T-419

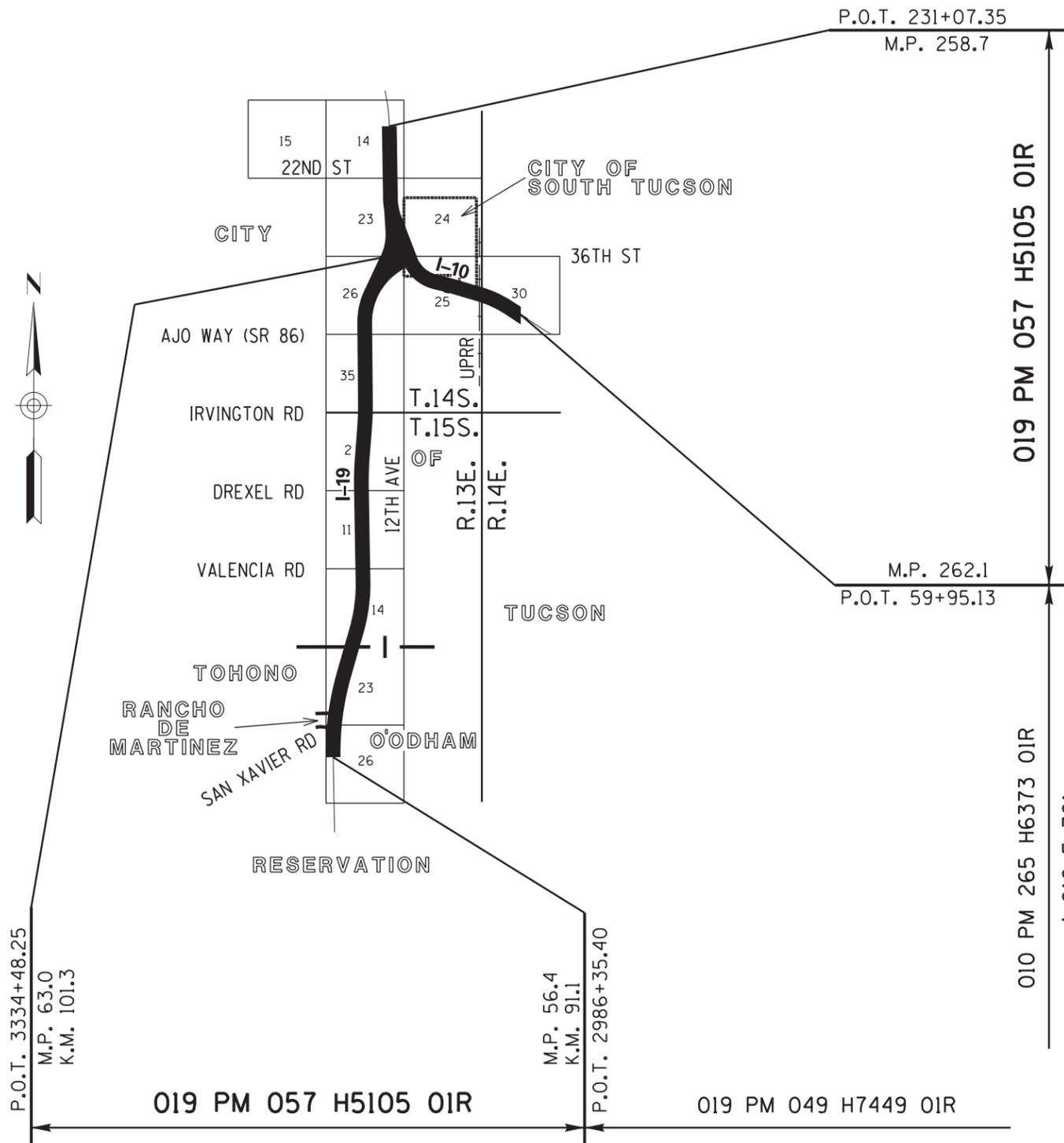
RESULTS OF SURVEY

TUCSON - NOGALES HIGHWAY

SAN XAVIER RD. - JCT I-10

019 PM 057 H5105 01R

ARIZONA DEPARTMENT
 OF
 TRANSPORTATION
 INTERMODAL
 TRANSPORTATION
 DIVISION



SHEET INDEX

| | |
|----------------------------------|---------------|
| COVER SHEET | 1 |
| STANDARD ABBREVIATIONS & SYMBOLS | S-1 |
| RESULTS OF SURVEY | RS-1 TO RS-32 |
| TOTAL SHEETS | 34 |

019rw057_cvr.dgn

Professional Land
 Surveyor AZ No. 21782
 Digitally signed by
 Scott A. Nelson
 Date: 2014.01.30
 15:40:36 -0700
 (Expires 9-30-15)
 ELECTRONIC SEAL
<http://www.bls.state.az.us/>

HUBBARD ENGINEERING
 480-892-3313
 Mesa, AZ
<http://www.hubbardengineering.com> Job # 10210

RIGHT OF WAY - STANDARD ABBREVIATIONS & SYMBOLS

| | | | | | |
|---------------------------|----------|-----------------------------|----------|-------------------------|------------|
| A | | D | | | |
| Acres | Ac. | Degrees | ° | Page | Pg. |
| Ahead | Ahd. | Department | Dept. | Parcel | Par. |
| And Husband | et vir | Docket | Dkt. | Parkway | Pkwy. |
| And Others | et al | Drainage Easement | DE | Place | Pl. |
| And Wife | et ux | Drive | Dr. | Ponding Easement | PE |
| Approximate | Approx. | | | Public Utility Easement | PUE |
| Avenue | Ave. | E | | Quit Claim Deed | QCD |
| | | Easement | Esmt | | |
| B | | East | E. | R | |
| Back | Bk. | Electrical | Elec. | Railroad | R.R. |
| Book | Bk. | Equation | Equa. | Range | R. |
| Boulevard | Blvd. | Existing | Exist. | Record | (R) |
| Brass Cap | B.C. | | | Right | Rt. |
| Bureau of Indian Affairs | B.I.A. | F | | Right of Way | R/W |
| Bureau of Land Management | B.L.M. | Federal | Fed. | Road | Rd. |
| Bureau of Reclamation | B.O.R. | Feet | ' | | |
| | | Flowage Easement | FE | S | |
| C | | Final Order of Condemnation | FOC | Seconds | " |
| Calculated | (C) | Found | Fd. | Section | Sec. |
| Center | Ctr. | | | Sheet | Sht. |
| Centerline | ℄ | H | | Slope Easement | SE |
| Construction | Constr. | Highway | Hwy. | South | S. |
| Corner | Cor. | Highway Easement Deed | HED | Special Warranty Deed | SWD |
| County | Co. | Homestead Entry Survey | HES | Square | Sq. |
| Curve Information | | | | Square Feet | S.F. |
| Curve to Spiral | C.S. | I | | State Route | S.R. |
| Degree of Curve | D | Inch | In. or " | Station | Sta. |
| Delta | Δ | Irrigation | Irr. | Street | St. |
| Length of Curve | L | | | Subdivision | Subd. |
| Point of Compound Curve | P.C.C. | J | | | |
| Point of Curvature | P.C. | Junction | Jct. | T | |
| Point of Intersection | P.I. | | | Telegraph | Tlg. |
| Point of Reverse Curve | P.R.C. | L | | Telephone | Tel. |
| Point of Reverse Spiral | P.R.S. | Lane | Ln. | Township | T. |
| Point of Tangent | P.T. | Left | Lt. | Temporary | Temp. |
| Point on Curve | P.O.C. | Local Tangent Bearing | L.T.B. | Temporary Construction | TCE |
| Point on Tangent | P.O.T. | | | Easement | |
| Point on Semi-Tangent | P.O.S.T. | M | | Traffic Interchange | T.I. |
| Radius | R | Measured | (M) | | |
| Spiral rate of change | a | Mile Post | M.P. | U | |
| Spiral to Curve | S.C. | Mineral Survey | M.S. | United States General | U.S.G.L.O. |
| Spiral to Tangent | S.T. | Minutes | ' | Land Office | |
| Tangent Length | T | Miscellaneous | Misc. | | |
| Tangent to Spiral | T.S. | Monument | Mon. | W | |
| | | N | | West | W. |
| | | North | N. | Warranty Deed | WD |
| | | Not to Scale | N.T.S. | | |
| | | Number | No. | | |
| | | P | | | |

| | |
|---------------------------------|--|
| Boundary Lines | |
| City Limit Line | |
| County Line | |
| Forest-City Limit Line | |
| Forest-Reservation Line | |
| Land Grant Boundary Line | |
| National-State Boundary Line | |
| Centerlines | |
| Exist. Centerline w/ticks | |
| Exist. Centerline wo/ticks | |
| New Constr. Centerline | |
| New Survey Centerline | |
| Railroad Centerline | |
| Centerline on Results of Survey | |
| Control Lines | |
| Exist. Access Control Line | |
| New Access Control Line | |
| Easement Lines | |
| Exist. Easement Line | |
| Exist. Drainage Easement Line | |
| New Perpetual Easement Line | |
| TCE Line | |
| Misc. Lines | |
| Ditch-River Line | |
| Meander Line | |
| Mining Claim Line | |
| Property Lines | |
| Lease Property Line | |
| Property Line | |
| Subdivision Property/Road Line | |
| Additional area to be acquired | |
| Public Land Survey Lines | |
| Mid Section Line | |
| Section Line | |
| Sixteenth (1/16) Line | |
| Township-Range Line | |
| R/W Lines | |
| Exist. ADOT R/W Line | |
| Exist. Non-ADOT R/W Line | |
| New R/W Line | |
| Railroad R/W Line | |
| Railroad-Highway R/W Line | |
| Topographic Features | |
| Cut Slope Limit Line | |
| Exist. Fence Line | |
| Exist. Topo Line | |
| Fill Slope Limit Line | |
| New Fence Line | |

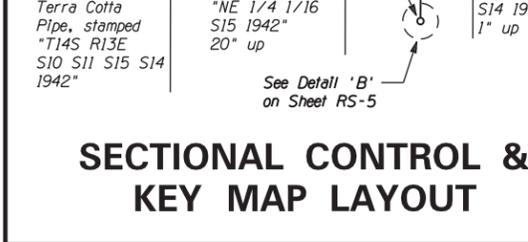
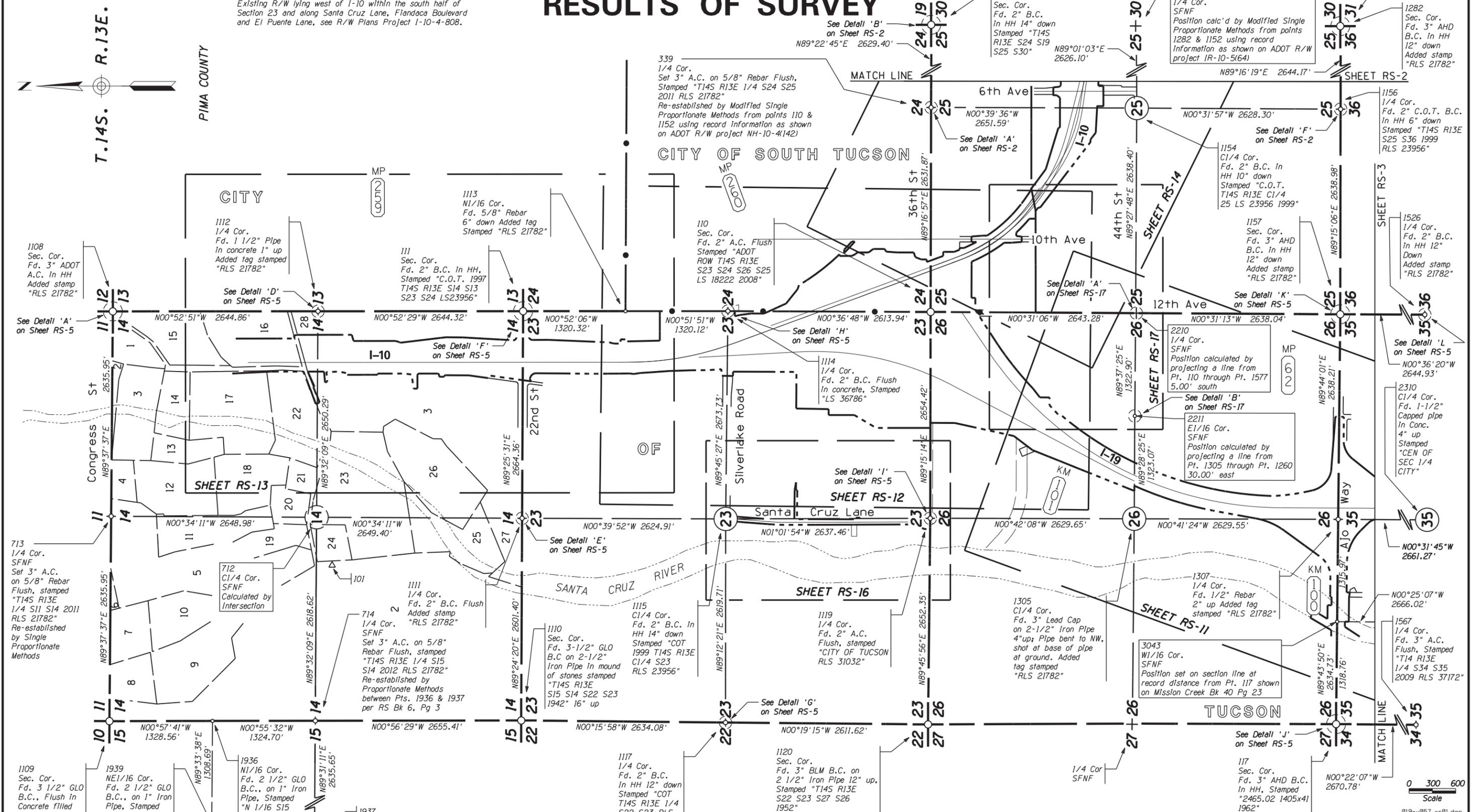
| | | | | | | | |
|---|--|--|--|---|----------------------------------|--|--|
| Break Line | | Property Anchor Bar | | 31 32 6 5 | 4-3 | | |
| Data Circle | | Property-Lease & Unpatented Mining Claim Anchor Bar | | 31 32 6 5 | 4 + 9 | | |
| Data Hex | | Property Limit Arrow | | 31 32 6 5 | | | |
| Data Square | | Property-Lease & Unpatented Mining Claim Limit Arrow | | 31 32 6 5 | | | |
| Dimension Arrow | | Parcel Bubble | | 7- 8858 | | | |
| Dimension Tie | | Survey Control Pt or Angle Point | | SECTION 7 MARICOPA CO. | | | |
| Exist. ADOT R/W Monument | | | | MP 1 5 | | | |
| New R/W Monument or R/W control point | | | | North Arrow | | | |
| Centerline Control or Supplemental Monument | | | | Mile Post Marker (approximate location) | | | |

| | | | |
|---|---------------------------------|---|---|
| DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | <small>Professional Land Surveyor AZ No. 21782</small> |
| SURVEY | June 2011 | HIGHWAY NAME: NOGALES - TUCSON | Digitally signed by Scott A. Nelson |
| DRAWN/DATE | J. Haws/May 11 | FEDERAL AID NO.: | Date: 2014.01.30 |
| ADOT REVIEW | S. Parker | UNASSIGNED | 16:01:32 -0700' |
| | | PROJECT NO.: | (Expires 9-30-15) |
| HUBBARD ENGINEERING Mesa, AZ <small>snelson@hubbardengineering.com Job # 10210</small> | | 019 PM 057 H5105 01R | ELECTRONIC SEAL <small>http://www.btr.state.az.us/</small> |
| ROUTE NO.: | LOCATION: | | |
| I-19 | SAN XAVIER RD - JCT I-10 | | |
| | | | SHEET S-1 |

019-rw057_std.dgn

RESULTS OF SURVEY

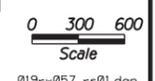
For additional and more current information regarding ADOT Existing R/W lying west of I-10 within the south half of Section 23 and along Santa Cruz Lane, Flandaca Boulevard and El Puente Lane, see R/W Plans Project I-10-4-808.



- LEGEND**
- 302 Set Monument
 - 300 Found Monument
 - C.O.T. City of Tucson
 - SFNF Search For Not Found
 - 301 Calculated position
 - Existing ADOT R/W monument

| CHANGE ORDER REVISIONS | | | |
|------------------------|------|----|--------------------------|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS |
| | | | |
| | | | |
| | | | |
| | | | |
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|---|----------------|--|--|
| DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:41:22 -0700 (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
| SURVEY | June 2011 | | |
| DRAWN/DATE | J. Haws/May 11 | NOGALES - TUCSON | |
| ADOT REVIEW | S. Parker | FEDERAL AID NO.: UNASSIGNED | |
| HUBBARD ENGINEERING 480-892-3313 Mesa, AZ snelson@hubbardengineering.com Job # 10210 | | PROJECT NO.: 019 PM 057 H5105 OIR | |
| ROUTE NO.: | I-19 | LOCATION: SAN XAVIER RD - JCT I-10 | |
| SHEET NO.: | | | RS-1 |



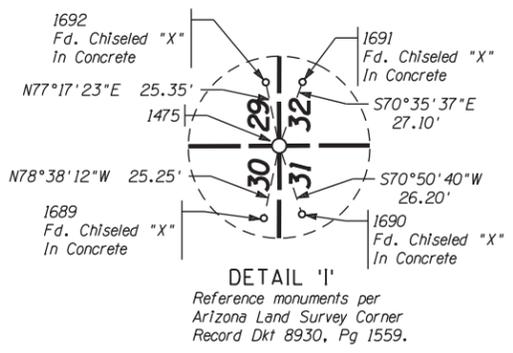
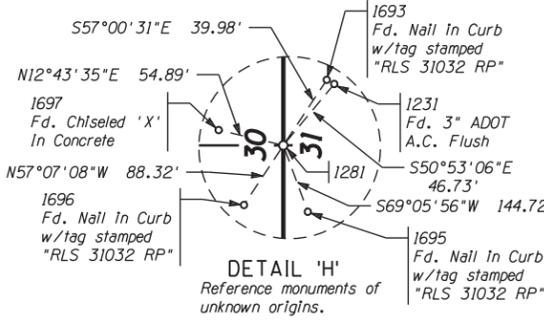
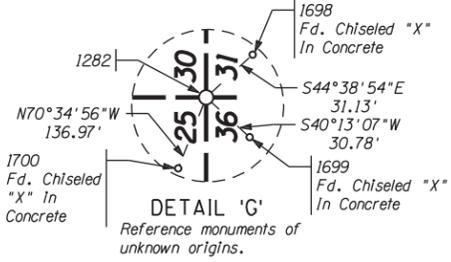
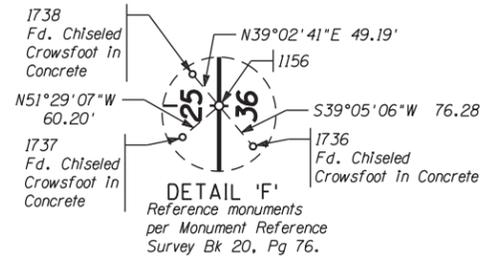
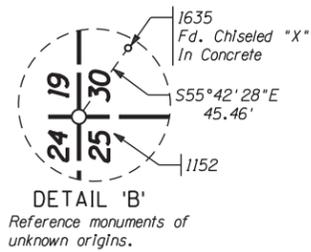
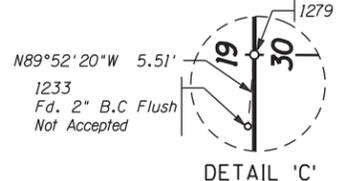
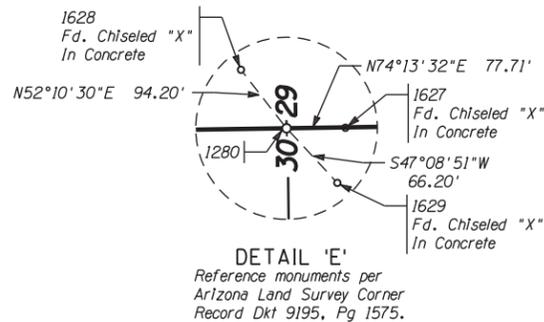
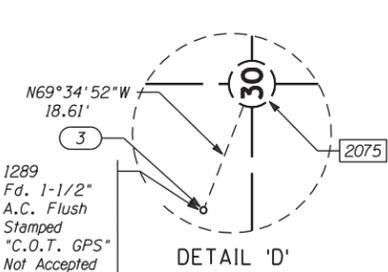
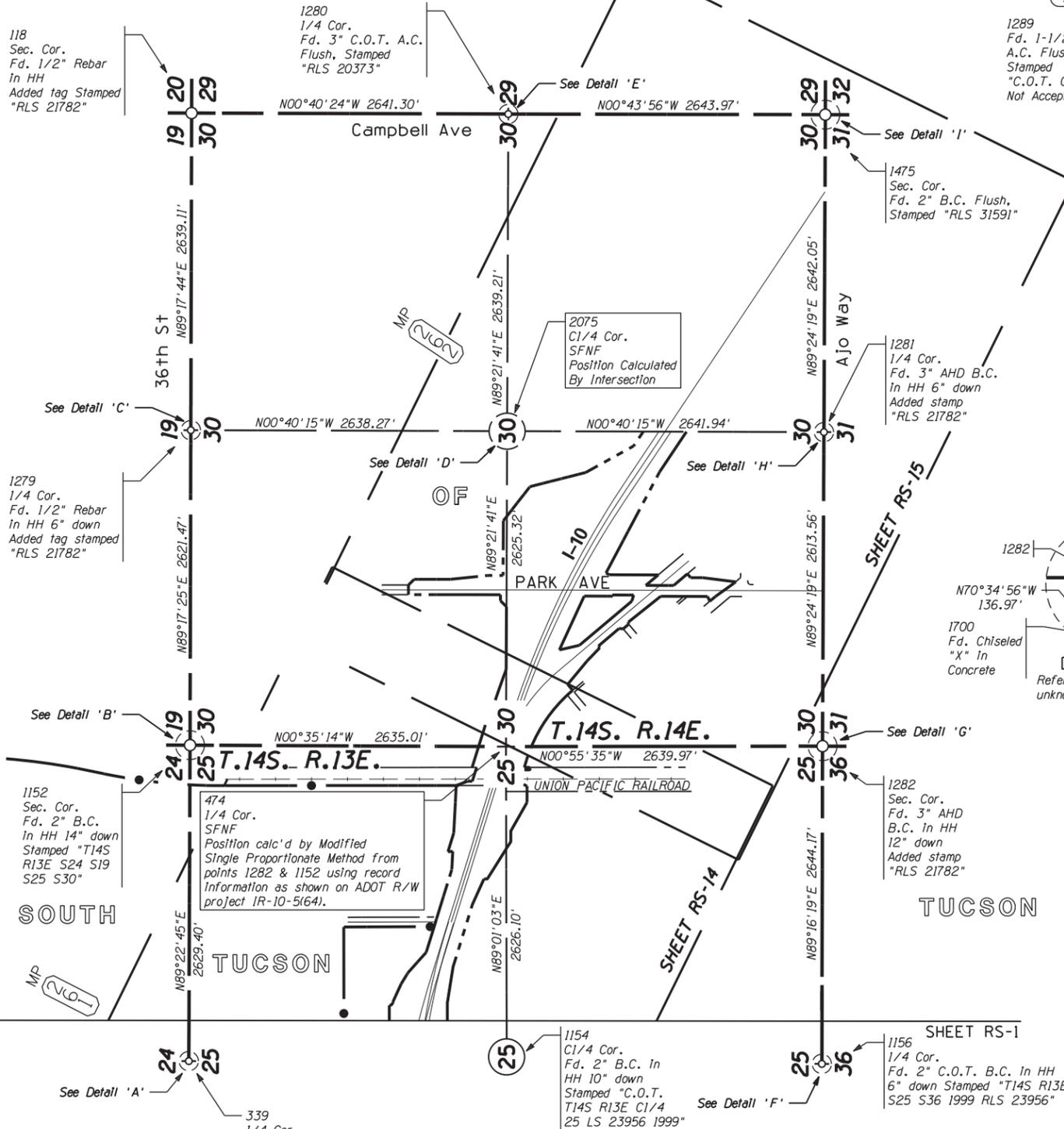
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RESULTS OF SURVEY

PIMA COUNTY

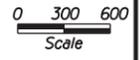


CITY



- LEGEND**
- 302 Set Monument
 - 300 Found Monument
 - C.O.T. City of Tucson
 - 301 Calculated position
 - Existing ADOT R/W monument
 - SFNF Searched For Not Found

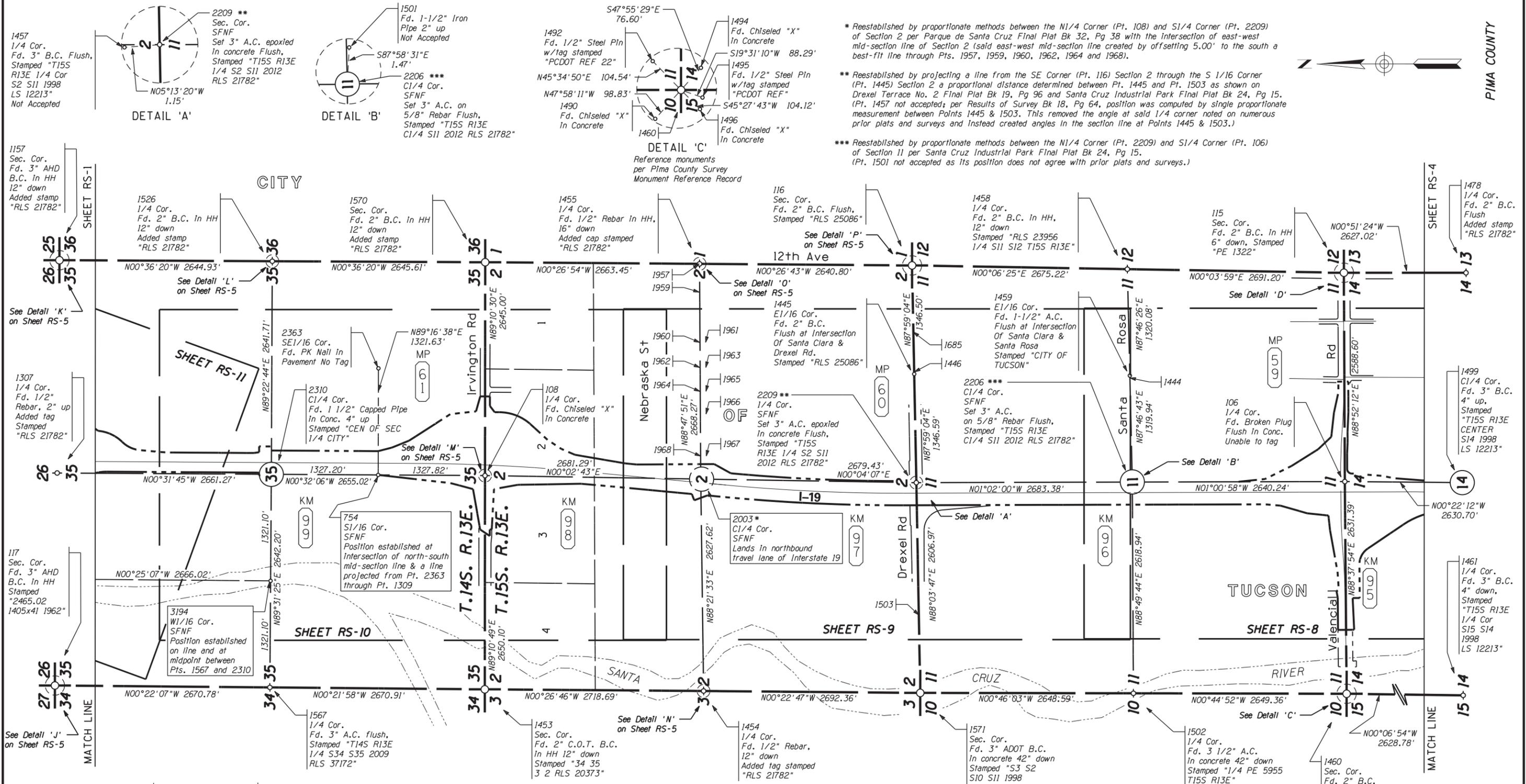
SECTIONAL CONTROL & KEY MAP LAYOUT



| CHANGE ORDER REVISIONS | | | | DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | | Professional Land Surveyor AZ No. 21782 |
|------------------------|------|----|--------------------------|---|----------------|--|---|---|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS | SURVEY | June 2011 | HIGHWAY NAME: | Digitally signed by Scott A. Nelson Date: 2014.01.30 15:41:37 -0700' | |
| | | | | DRAWN/DATE | J. Haws/May 11 | NOGALES - TUCSON | | (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
| | | | | ADOT REVIEW | S. Parker | FEDERAL AID NO.: UNASSIGNED | | |
| | | | | HUBBARD ENGINEERING 480-892-3313 Mesa, AZ snelson@hubbardengineering.com Job # 10210 | | PROJECT NO.: 019 PM 057 H5105 01R | | SHEET RS-2 |
| | | | | ROUTE NO.: I-19 | LOCATION: | SAN XAVIER RD - JCT I-10 | | |

RESULTS OF SURVEY

PIMA COUNTY



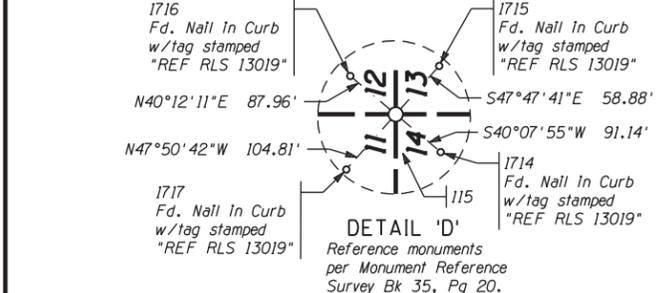
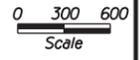
* Reestablished by proportionate methods between the N1/4 Corner (Pt. 108) and S1/4 Corner (Pt. 2209) of Section 2 per Parque de Santa Cruz Final Plat Bk 32, Pg 38 with the intersection of east-west mid-section line of Section 2 (said east-west mid-section line created by offsetting 5.00' to the south a best-fit line through Pts. 1957, 1959, 1960, 1962, 1964 and 1968).

** Reestablished by projecting a line from the SE Corner (Pt. 116) Section 2 through the S 1/16 Corner (Pt. 1445) Section 2 a proportional distance determined between Pt. 1445 and Pt. 1503 as shown on Drexel Terrace No. 2 Final Plat Bk 19, Pg 96 and Santa Cruz Industrial Park Final Plat Bk 24, Pg 15. (Pt. 1457 not accepted; per Results of Survey Bk 18, Pg 64, position was computed by single proportionate measurement between Points 1445 & 1503. This removed the angle at said 1/4 corner noted on numerous prior plats and surveys and instead created angles in the section line at Points 1445 & 1503.)

*** Reestablished by proportionate methods between the N1/4 Corner (Pt. 2209) and S1/4 Corner (Pt. 106) of Section 11 per Santa Cruz Industrial Park Final Plat Bk 24, Pg 15. (Pt. 1501 not accepted as its position does not agree with prior plats and surveys.)

Reference monuments per Pima County Survey Monument Reference Record

SECTIONAL CONTROL & KEY MAP LAYOUT



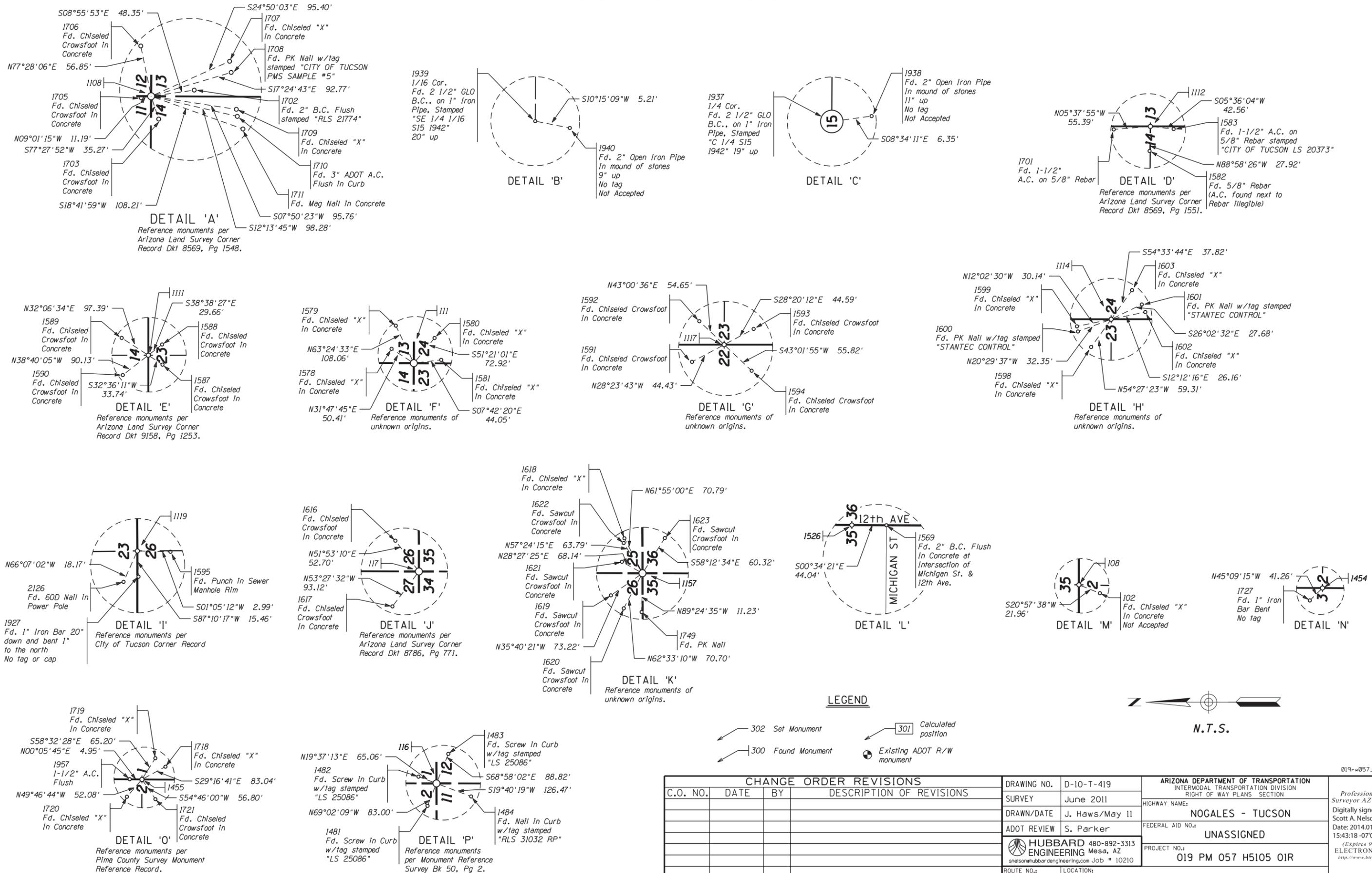
LEGEND

- 302 Set Monument
- 300 Found Monument
- 301 Calculated position
- Existing ADOT R/W monument
- C.O.T. City of Tucson
- SFNF Searched For Not Found

| CHANGE ORDER REVISIONS | | | | DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | |
|------------------------|------|----|--------------------------|---|--------------------------|--|--|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS | SURVEY | June 2011 | HIGHWAY NAME: NOGALES - TUCSON | |
| | | | | DRAWN/DATE | J. Haws/May 11 | FEDERAL AID NO.: | |
| | | | | ADOT REVIEW | S. Parker | UNASSIGNED | |
| | | | | HUBBARD ENGINEERING 480-892-3313 snelson@hubbardengineering.com Job # 10210 | | PROJECT NO.: | |
| | | | | ROUTE NO.: | I-19 | 019 PM 057 H5105 01R | |
| | | | | LOCATION: | SAN XAVIER RD - JCT I-10 | | |

Professional Land Surveyor AZ No. 21782
Digitally signed by Scott A. Nelson
Date: 2014.01.30 15:42:36 -0700
(Expires 9-30-15)
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<http://www.btr.state.az.us/>

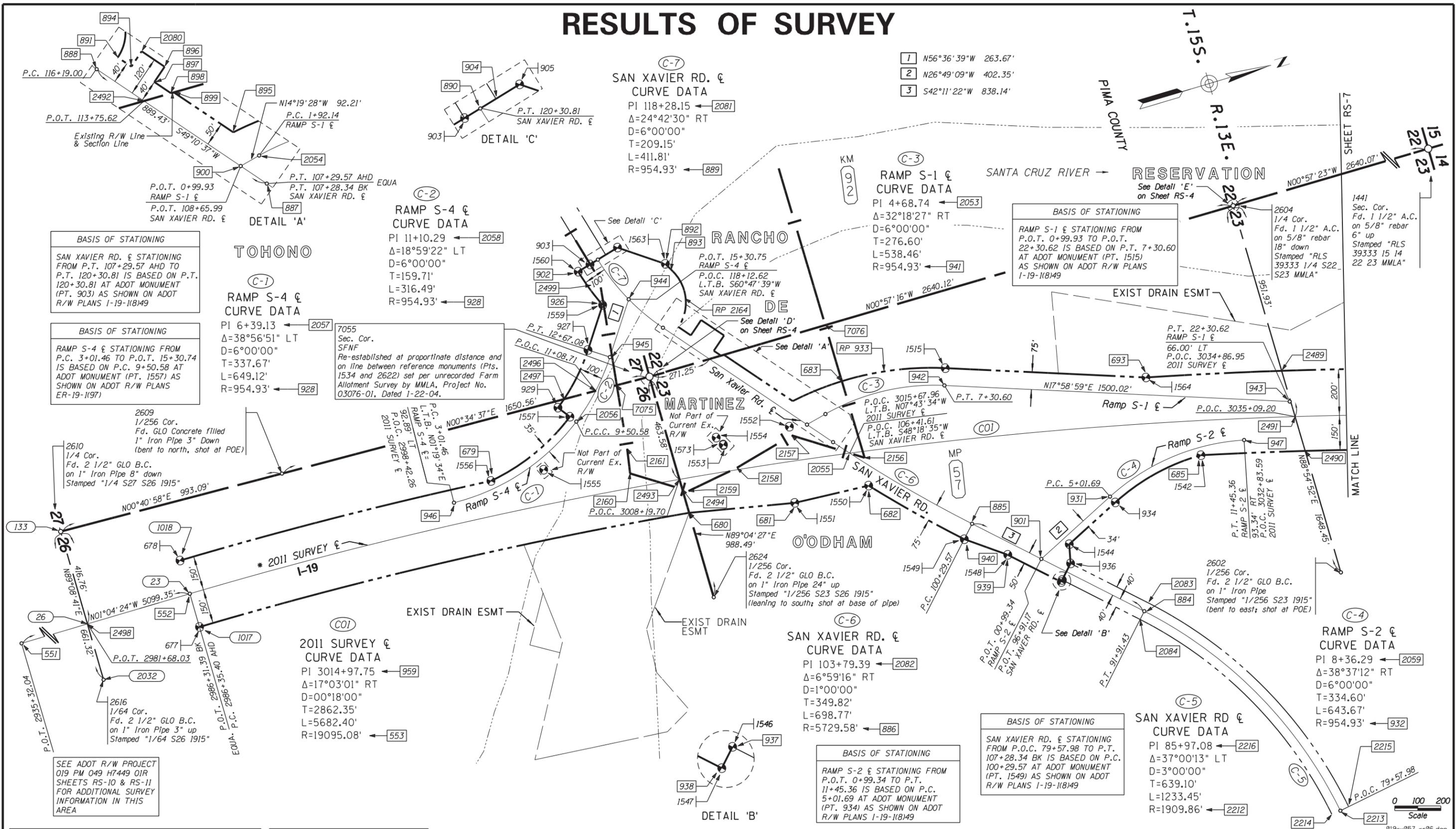
RESULTS OF SURVEY



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| | | | | | | 019 PM 057 H5105 01R | | |
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| | | | | | | | | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:43:18 -07'00' (Expires 9-30-15) ELECTRONIC SEAL <small>http://www.btr.state.az.us/</small> |
| | | | | | | | | SHEET RS-5 |

019-rw057-rs05.dgn

RESULTS OF SURVEY



BASIS OF STATIONING
 SAN XAVIER RD. € STATIONING FROM P.T. 107+29.57 AHD TO P.T. 120+30.81 IS BASED ON P.T. 120+30.81 AT ADOT MONUMENT (PT. 903) AS SHOWN ON ADOT R/W PLANS 1-19-118149

BASIS OF STATIONING
 RAMP S-4 € STATIONING FROM P.C. 3+01.46 TO P.O.T. 15+30.74 IS BASED ON P.C. 9+50.58 AT ADOT MONUMENT (PT. 1557) AS SHOWN ON ADOT R/W PLANS 1-19-118149

RAMP S-4 € CURVE DATA
 PI 6+39.13
 $\Delta = 38^\circ 56' 51''$ LT
 $D = 6^\circ 00' 00''$
 $T = 337.67'$
 $L = 649.12'$
 $R = 954.93'$

RAMP S-4 € CURVE DATA
 PI 11+10.29
 $\Delta = 18^\circ 59' 22''$ LT
 $D = 6^\circ 00' 00''$
 $T = 159.71'$
 $L = 316.49'$
 $R = 954.93'$

SAN XAVIER RD. € CURVE DATA
 PI 118+28.15
 $\Delta = 24^\circ 42' 30''$ RT
 $D = 6^\circ 00' 00''$
 $T = 209.15'$
 $L = 411.81'$
 $R = 954.93'$

- 1 $N56^\circ 36' 39'' W$ 263.67'
- 2 $N26^\circ 49' 09'' W$ 402.35'
- 3 $S42^\circ 11' 22'' W$ 838.14'

RAMP S-1 € CURVE DATA
 PI 4+68.74
 $\Delta = 32^\circ 18' 27''$ RT
 $D = 6^\circ 00' 00''$
 $T = 276.60'$
 $L = 538.46'$
 $R = 954.93'$

SAN XAVIER RD. € CURVE DATA
 PI 103+79.39
 $\Delta = 6^\circ 59' 16''$ RT
 $D = 1^\circ 00' 00''$
 $T = 349.82'$
 $L = 698.77'$
 $R = 5729.58'$

SAN XAVIER RD. € CURVE DATA
 PI 85+97.08
 $\Delta = 37^\circ 00' 13''$ LT
 $D = 3^\circ 00' 00''$
 $T = 639.10'$
 $L = 1233.45'$
 $R = 1909.86'$

RAMP S-2 € CURVE DATA
 PI 8+36.29
 $\Delta = 38^\circ 37' 12''$ RT
 $D = 6^\circ 00' 00''$
 $T = 334.60'$
 $L = 643.67'$
 $R = 954.93'$

2609 1/256 Cor. Fd. GLO Concrete filled 1" Iron Pipe 3" Down (bent to north, shot at POE)

2616 1/64 Cor. Fd. 2 1/2" GLO B.C. on 1" Iron Pipe 3" up Stamped "1/64 S26 1915"

2624 1/256 Cor. Fd. 2 1/2" GLO B.C. on 1" Iron Pipe 24" up Stamped "1/256 S23 S26 1915" (leaning to south; shot at base of pipe)

2602 1/256 Cor. Fd. 2 1/2" GLO B.C. on 1" Iron Pipe Stamped "1/256 S23 1915" (bent to east; shot at POE)

7055 Sec. Cor. SFNF Re-established at proportionate distance and on line between reference monuments (Pts. 1534 and 2622) set per unrecorded Farm Allotment Survey by MMLA, Project No. 03076-01, Dated 1-22-04.

SEE ADOT R/W PROJECT 019 PM 049 H7449 OIR SHEETS RS-10 & RS-11 FOR ADDITIONAL SURVEY INFORMATION IN THIS AREA

BASIS OF STATIONING
 2011 SURVEY € STATIONING FROM P.O.T. 2935+32.04 TO P.O.T. 2986+31.39 BK IS BASED ON P.O.T. 2632+10.44 AT THE EXISTING R/W CENTERLINE INTERSECTION WITH THE COMMON LINE OF SECTIONS 26 & 35, T16S, R13E AS SHOWN ON ADOT R/W PROJECTS 1-19-118149 & 019 PM 049 H7449 OIR

BASIS OF STATIONING
 2011 SURVEY € STATIONING FROM P.C. 2986+35.40 AHD TO P.O.C. 3098+59.97 BK IS BASED ON P.O.C. 3016+31.31 AT ADOT R/W MONUMENT (PT. 1550) AS SHOWN ON ADOT R/W PLANS 1-19-118149

LEGEND

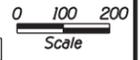
- 302 Set Monument
- 300 Found Monument
- 23 Point numbers as shown on ADOT R/W Project 019 PM 049 H7449 OIR Results of Survey
- 307 Calculated position
- Existing ADOT R/W monument

| CHANGE ORDER REVISIONS | | | |
|------------------------|------|----|--------------------------|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS |
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| SURVEY | June 2011 |
| DRAWN/DATE | J. Haws/May 11 |
| ADOT REVIEW | S. Parker |
| HUBBARD ENGINEERING | 480-892-3313 Mesa, AZ |
| ROUTE NO. | 1-19 |
| LOCATION: | SAN XAVIER RD - JCT I-10 |

| | |
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| ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | |
| HIGHWAY NAME: NOGALES - TUCSON | |
| FEDERAL AID NO.: UNASSIGNED | |
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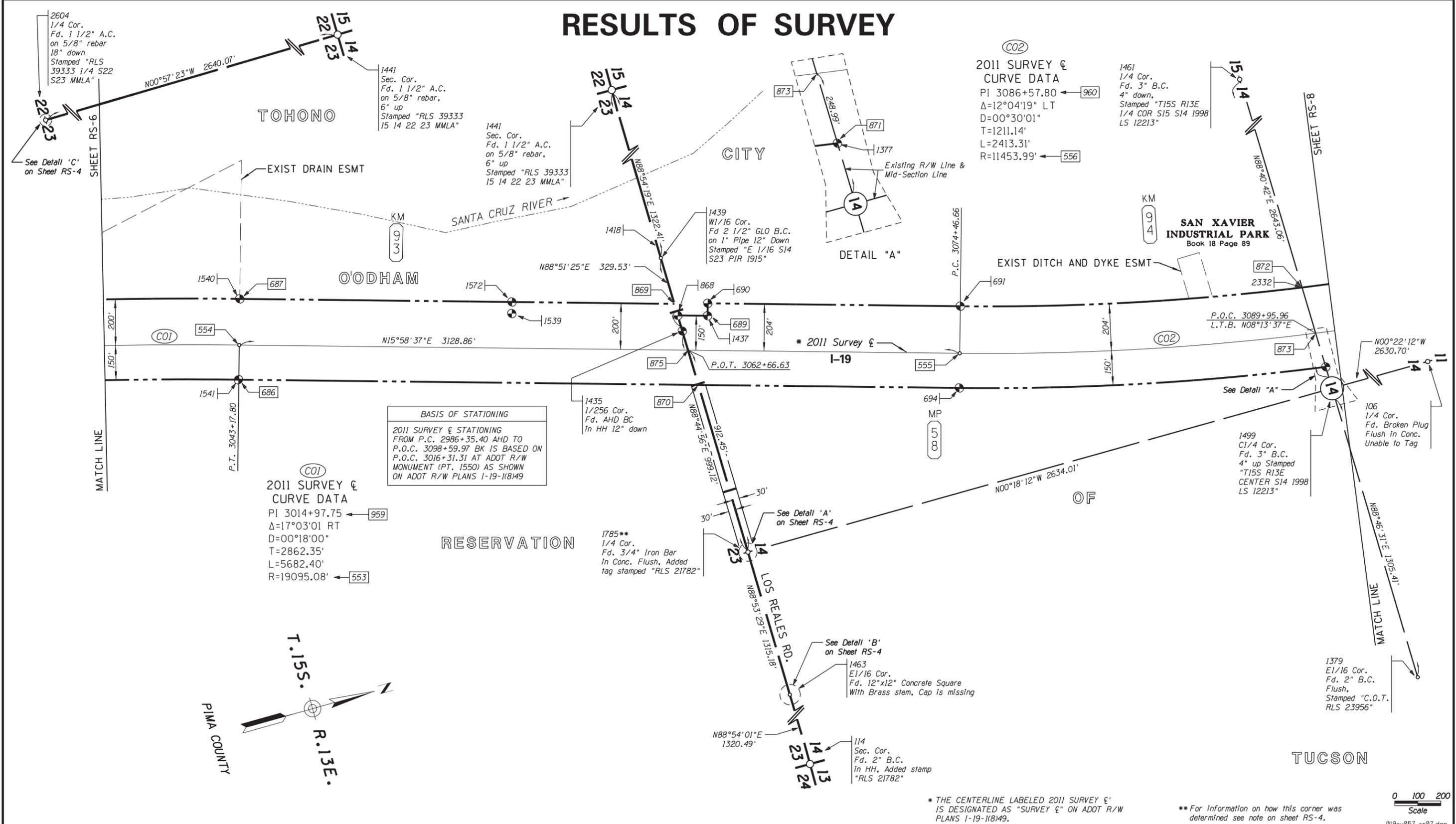
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0 100 200
 Scale

019-rw057-rs06.dgn

RESULTS OF SURVEY



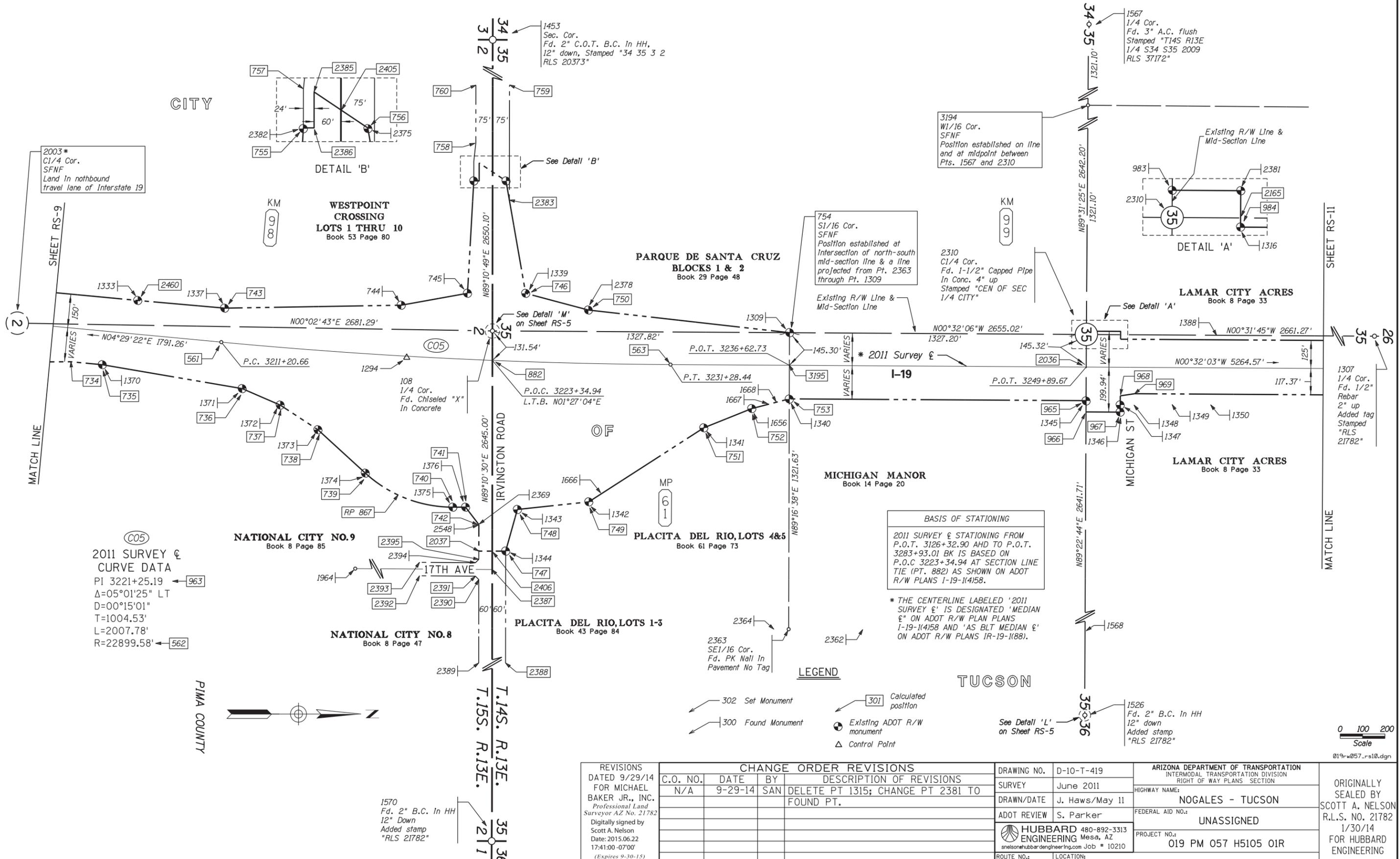
| CHANGE ORDER REVISIONS | | | |
|------------------------|------|----|--------------------------|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS |
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|-------------|--------------------------|--|--|
| DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:43:54 -07'00' (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
| SURVEY | June 2011 | | |
| DRAWN/DATE | J. Haws/May 11 | HIGHWAY NAME: | NOGALES - TUCSON |
| ADOT REVIEW | S. Parker | FEDERAL AID NO.: | UNASSIGNED |
| ROUTE NO.: | I-19 | PROJECT NO.: | 019 PM 057 H5105 01R |
| LOCATION: | SAN XAVIER RD - JCT I-10 | | |
| SHEET | | RS-7 | |

* THE CENTERLINE LABELED 2011 SURVEY € IS DESIGNATED AS "SURVEY €" ON ADOT R/W PLANS I-19-118149.

** For information on how this corner was determined see note on sheet RS-4.

RESULTS OF SURVEY

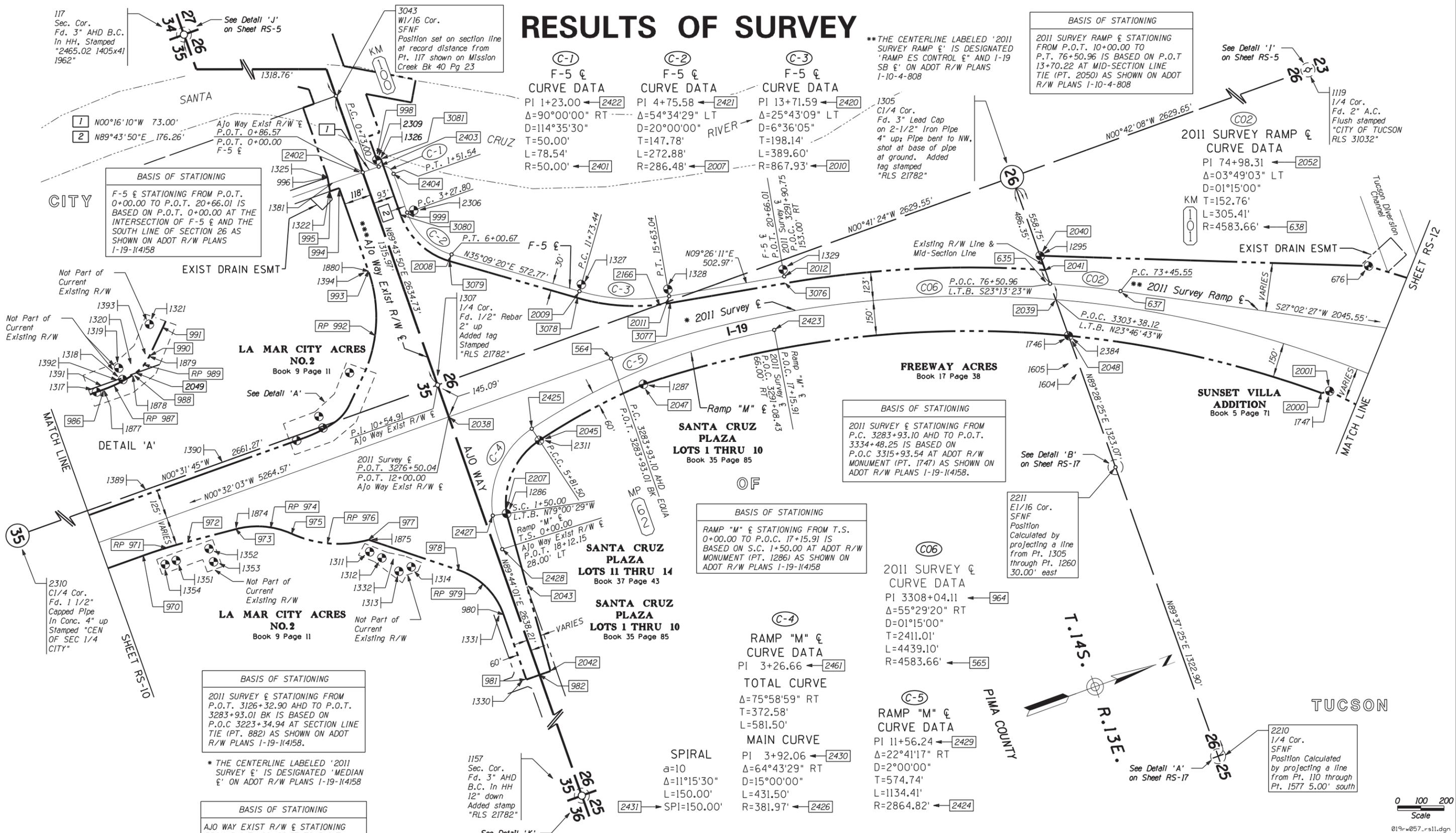


| REVISIONS | | CHANGE ORDER REVISIONS | | DRAWING NO. | ARIZONA DEPARTMENT OF TRANSPORTATION | |
|---|----------|------------------------|-----|-------------|--------------------------------------|--|
| DATED 9/29/14 | C.O. NO. | DATE | BY | D-10-T-419 | INTERMODAL TRANSPORTATION DIVISION | |
| FOR MICHAEL BAKER JR., INC. | N/A | 9-29-14 | SAN | SURVEY | RIGHT OF WAY PLANS SECTION | |
| Professional Land Surveyor AZ No. 21782 | | | | June 2011 | HIGHWAY NAME: | |
| Digitally signed by Scott A. Nelson | | | | Drawn/Date | NOGALES - TUCSON | |
| Date: 2015.06.22 | | | | ADOT REVIEW | FEDERAL AID NO.: | |
| 17:41:00 -0700 | | | | S. Parker | UNASSIGNED | |
| (Expires 9-30-15) | | | | | PROJECT NO.: | |
| ELECTRONIC SEAL | | | | | 019 PM 057 H5105 01R | |
| http://www.btr.state.az.us/ | | | | | ROUTE NO.: | |
| | | | | | I-19 | |
| | | | | | LOCATION: | |
| | | | | | SAN XAVIER RD - JCT I-10 | |
| | | | | | SHEET RS-10 | |

* See note on reestablishment of corner on sheet RS-3

6/22/2015 5:36:12 PM H:\PDATA\140212\H8467 Ajo Way T1\CADD\Mapping\Hubbard_R05\019-rw057-rs10.dgn

RESULTS OF SURVEY



| Curve Label | Curve Data |
|-------------|--|
| (C-1) F-5 | PI 1+23.00 Δ=90°00'00" RT D=114°35'30" T=50.00' L=78.54' R=50.00' |
| (C-2) F-5 | PI 4+75.58 Δ=54°34'29" LT D=20°00'00" T=147.78' L=272.88' R=286.48' |
| (C-3) F-5 | PI 13+71.59 Δ=25°43'09" LT D=6°36'05" T=198.14' L=389.60' R=867.93' |

BASIS OF STATIONING
2011 SURVEY RAMP & STATIONING FROM P.O.T. 10+00.00 TO P.T. 76+50.96 IS BASED ON P.O.T. 13+70.22 AT MID-SECTION LINE TIE (PT. 2050) AS SHOWN ON ADOT R/W PLANS I-10-4-808

BASIS OF STATIONING
F-5 & STATIONING FROM P.O.T. 0+00.00 TO P.O.T. 20+66.01 IS BASED ON P.O.T. 0+00.00 AT THE INTERSECTION OF F-5 & AND THE SOUTH LINE OF SECTION 26 AS SHOWN ON ADOT R/W PLANS I-19-114158

BASIS OF STATIONING
2011 SURVEY & STATIONING FROM P.C. 3283+93.10 AHD TO P.O.T. 3334+48.25 IS BASED ON P.O.C. 3315+93.54 AT ADOT R/W MONUMENT (PT. 1286) AS SHOWN ON ADOT R/W PLANS I-19-114158.

BASIS OF STATIONING
RAMP "M" & STATIONING FROM T.S. 0+00.00 TO P.O.C. 17+15.91 IS BASED ON S.C. 1+50.00 AT ADOT R/W MONUMENT (PT. 1286) AS SHOWN ON ADOT R/W PLANS I-19-114158

BASIS OF STATIONING
2011 SURVEY & STATIONING FROM P.O.T. 3126+32.90 AHD TO P.O.T. 3283+93.01 BK IS BASED ON P.O.C. 3223+34.94 AT SECTION LINE TIE (PT. 882) AS SHOWN ON ADOT R/W PLANS I-19-114158.

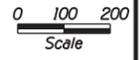
BASIS OF STATIONING
AJO WAY EXIST R/W & STATIONING FROM P.O.T. 00+86.57 TO P.O.T. 18+12.15 IS BASED ON P.O.T. 12+00.00 AT 2011 SURVEY & - SECTION LINE INTERSECTION (PT. 2038) AS SHOWN ON ADOT R/W PLANS I-19-114158.

*** THE CENTERLINE LABELED 'AJO WAY EXIST R/W &' IS DESIGNATED 'AJO WAY &' ON ADOT R/W PLANS I-19-114158

- LEGEND**
- 302 Set Monument
 - 301 Calculated position
 - 300 Found Monument
 - Existing ADOT R/W monument

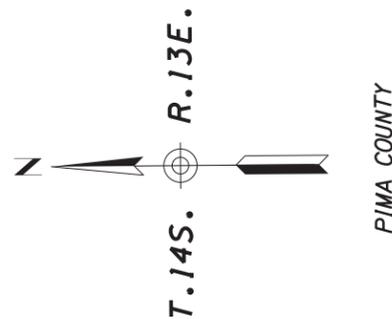
| CHANGE ORDER REVISIONS | | | |
|------------------------|------|----|--------------------------|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS |
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|---|----------------|--|--|
| DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:45:19 -0700 (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
| SURVEY | June 2011 | | |
| DRAWN/DATE | J. Haws/May 11 | HIGHWAY NAME: | NOGALES - TUCSON |
| ADOT REVIEW | S. Parker | FEDERAL AID NO.: | UNASSIGNED |
| HUBBARD ENGINEERING Mesa, AZ snelson@hubbardengineering.com Job # 10210 | ROUTE NO.: | PROJECT NO.: | 019 PM 057 H5105 OIR |
| | 1-19 | LOCATION: | SAN XAVIER RD - JCT I-10 |
| SHEET | | RS-11 | |



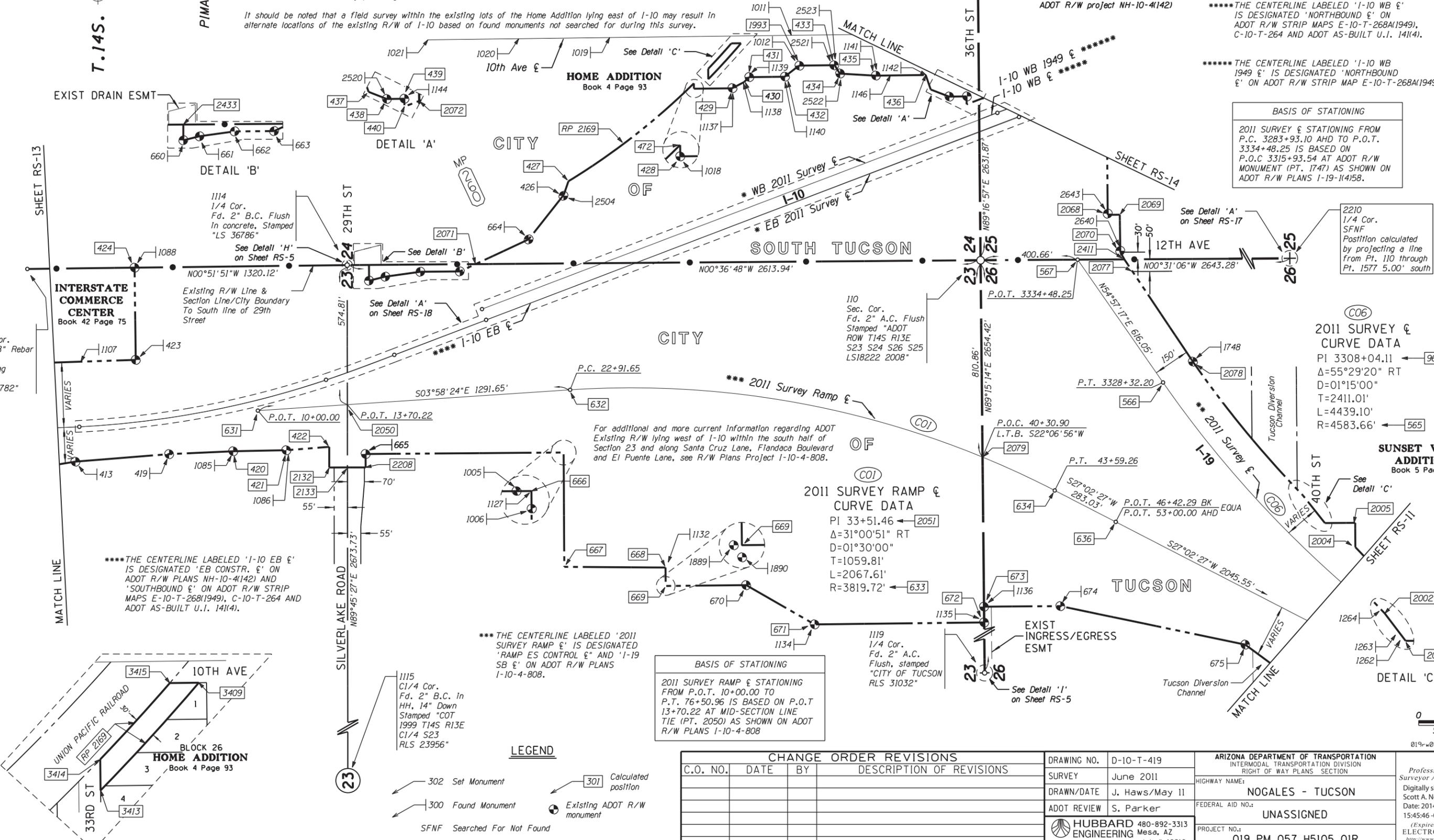
019-w057-rs11.dgn

RESULTS OF SURVEY



HOME ADDITION
 The Existing Right of Way of I-10 within the Home Addition is located along lot lines which were reestablished as follows:
 The centerlines of 30th Street through 35th Street were established by prorating record dimensions along the west line of Section 24 and found monuments along the centerline of 10th Street. The centerline of 11th Avenue was established by prorating record dimensions between 12th Avenue and 10th Avenue.
 The blocks were created by holding the record dimensions street widths from the reestablished centerlines. The south line of Blocks 37 through 42 were reestablished by holding record offsets of 30' and 49.64' from the south and west lines of Section 24 to establish the SW corner of Block 37 and holding a found chiseled 'x' at the SE corner of Block 42 (Pt 1752). The lots were established by prorating record dimensions within each block.

It should be noted that a field survey within the existing lots of the Home Addition lying east of I-10 may result in alternate locations of the existing R/W of I-10 based on found monuments not searched for during this survey.



* THE CENTERLINE LABELED 'EB 2011 SURVEY' & 'WB 2011 SURVEY' IS DESIGNATED 'E.B. CONSTR. BASELINE' AND 'W.B. CONSTR. BASELINE' ON ADOT R/W PLANS 1R-10-5164).

** THE CENTERLINE LABELED '2011 SURVEY' & '1-10 WB 1949' IS DESIGNATED 'MEDIAN' & '1-10 WB' ON ADOT R/W PLANS 1-19-114158.

***** THE CENTERLINE LABELED 'I-10 WB' IS DESIGNATED 'NORTHBOUND' & '1-10 WB' ON ADOT R/W STRIP MAPS E-10-T-268A(1949), C-10-T-264 AND ADOT AS-BUILT U.I. 141(4).

***** THE CENTERLINE LABELED 'I-10 WB 1949' IS DESIGNATED 'NORTHBOUND' & '1-10 WB' ON ADOT R/W STRIP MAP E-10-T-268A(1949).

BASIS OF STATIONING
 2011 SURVEY & STATIONING FROM P.C. 3283+93.10 AHD TO P.O.T. 3334+48.25 IS BASED ON P.O.C 3315+93.54 AT ADOT R/W MONUMENT (PT. 1747) AS SHOWN ON ADOT R/W PLANS 1-19-114158.

2011 SURVEY & CURVE DATA
 PI 3308+04.11
 Δ=55°29'20" RT
 D=01°15'00"
 T=2411.01'
 L=4439.10'
 R=4583.66'

2011 SURVEY RAMP & CURVE DATA
 PI 33+51.46
 Δ=31°00'51" RT
 D=01°30'00"
 T=1059.81'
 L=2067.61'
 R=3819.72'

BASIS OF STATIONING
 2011 SURVEY RAMP & STATIONING FROM P.O.T. 10+00.00 TO P.T. 76+50.96 IS BASED ON P.O.T 13+70.22 AT MID-SECTION LINE TIE (PT. 2050) AS SHOWN ON ADOT R/W PLANS 1-10-4-808

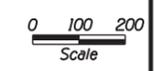
For additional and more current information regarding ADOT Existing R/W lying west of I-10 within the south half of Section 23 and along Santa Cruz Lane, Flandaca Boulevard and El Puente Lane, see R/W Plans Project 1-10-4-808.

LEGEND

- 302 Set Monument
- 300 Found Monument
- 301 Calculated position
- Existing ADOT R/W monument
- SFNF Searched For Not Found

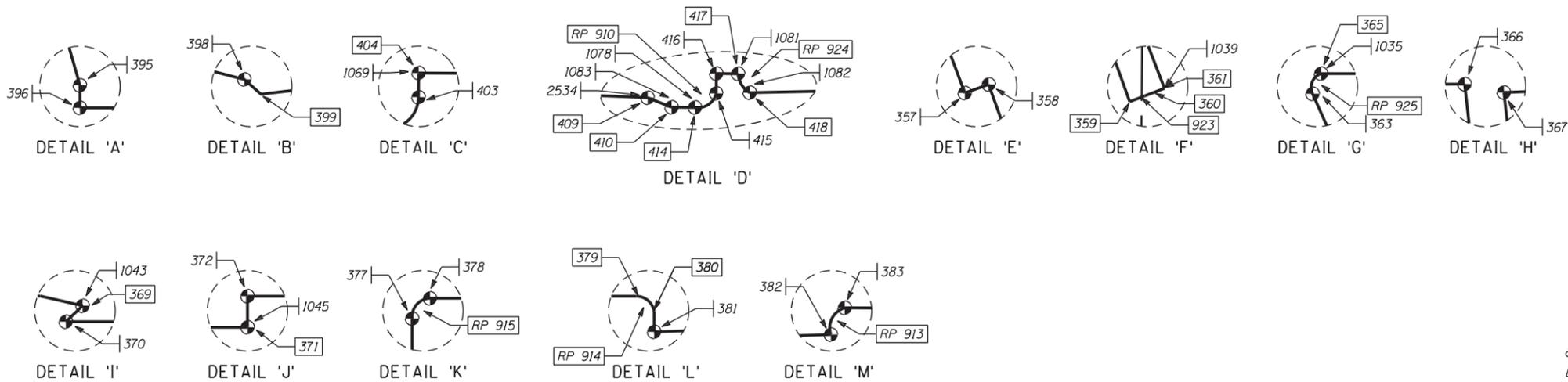
| CHANGE ORDER REVISIONS | | |
|------------------------|------|--------------------------|
| C.O. NO. | DATE | DESCRIPTION OF REVISIONS |
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| DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:45:46 -0700 (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
| SURVEY | June 2011 | | |
| DRAWN/DATE | J. Haws/May 11 | HIGHWAY NAME: | NOGALES - TUCSON |
| ADOT REVIEW | S. Parker | FEDERAL AID NO.: | UNASSIGNED |
| HUBBARD ENGINEERING 480-892-3313 Mesa, AZ snelson@hubbardengineering.com Job # 10210 | | PROJECT NO.: | 019 PM 057 H5105 01R |
| ROUTE NO.: | I-19 | LOCATION: | SAN XAVIER RD - JCT I-10 |
| SHEET | | | RS-12 |



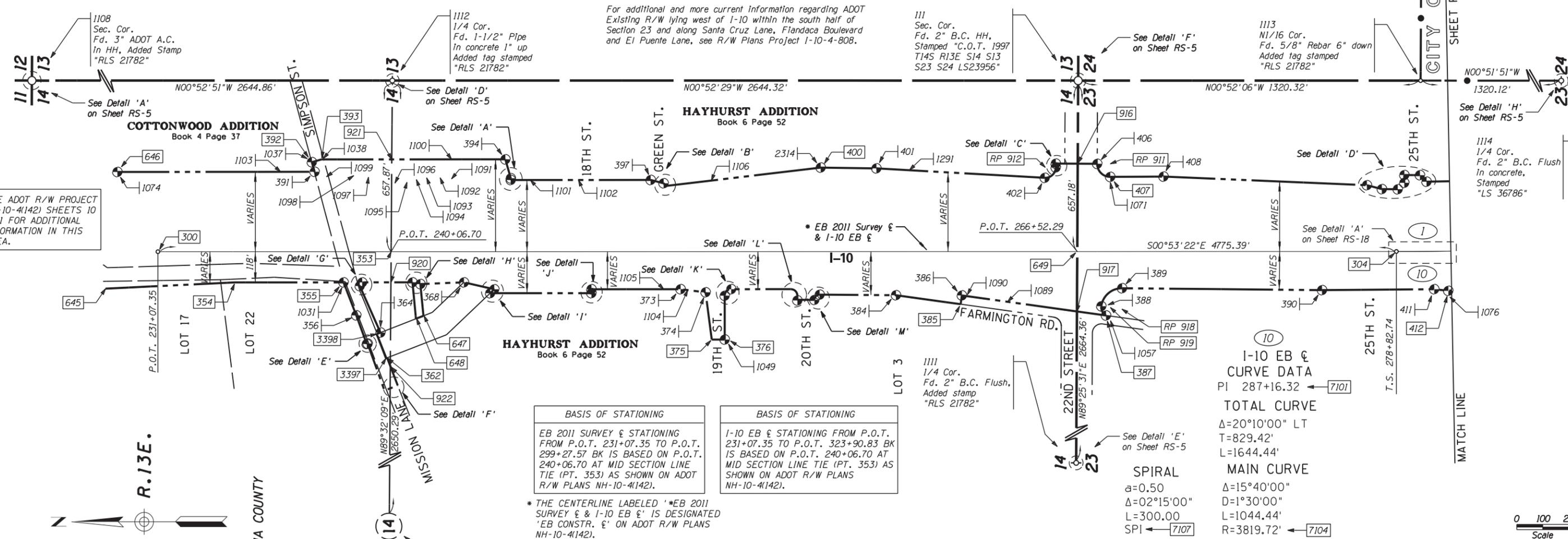
019-w057-rs12.dgn

RESULTS OF SURVEY



EB 2011 SURVEY & CURVE DATA
 PI 287+09.64 ← 301
 TOTAL CURVE
 $\Delta=20^{\circ}05'37''$ LT
 T=826.90'
 L=1639.57'
 MAIN CURVE
 $\Delta=15^{\circ}35'37''$ LT
 D=01^{\circ}30'00''
 L=1039.57'
 R=3819.72' ← 306

SPIRAL
 a=0.50
 $\Delta=02^{\circ}15'00''$
 L=300.00
 SPI ← 309



For additional and more current information regarding ADOT Existing R/W lying west of I-10 within the south half of Section 23 and along Santa Cruz Lane, Flanaca Boulevard and El Puente Lane, see R/W Plans Project I-10-4-808.

111 Sec. Cor. Fd. 2" B.C. HH, Stamped "C.O.T." 1997 T145 R13E S14 S13 S23 S24 LS23956"

1113 NI/16 Cor. Fd. 5/8" Rebar 6" down Added tag stamped "RLS 21782"

1114 1/4 Cor. Fd. 2" B.C. Flush In concrete, Stamped "LS 36786"

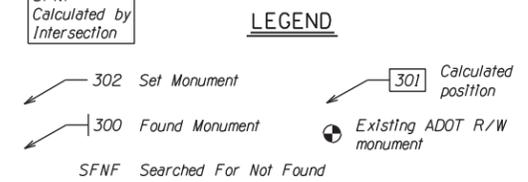
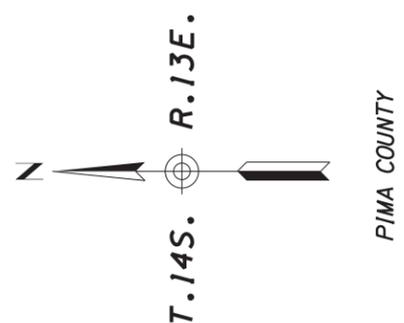
SEE ADOT R/W PROJECT NH-10-4(142) SHEETS 10 & 11 FOR ADDITIONAL INFORMATION IN THIS AREA.

BASIS OF STATIONING
 EB 2011 SURVEY & STATIONING FROM P.O.T. 231+07.35 TO P.O.T. 299+27.57 BK IS BASED ON P.O.T. 240+06.70 AT MID SECTION LINE TIE (PT. 353) AS SHOWN ON ADOT R/W PLANS NH-10-4(142).
 * THE CENTERLINE LABELED '*EB 2011 SURVEY & I-10 EB &' IS DESIGNATED 'EB CONSTR. &' ON ADOT R/W PLANS NH-10-4(142).

BASIS OF STATIONING
 I-10 EB & STATIONING FROM P.O.T. 231+07.35 TO P.O.T. 323+90.83 BK IS BASED ON P.O.T. 240+06.70 AT MID SECTION LINE TIE (PT. 353) AS SHOWN ON ADOT R/W PLANS NH-10-4(142).

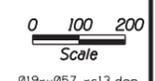
I-10 EB & CURVE DATA
 PI 287+16.32 ← 7101
 TOTAL CURVE
 $\Delta=20^{\circ}10'00''$ LT
 T=829.42'
 L=1644.44'
 MAIN CURVE
 $\Delta=15^{\circ}40'00''$
 D=1^{\circ}30'00''
 L=1044.44'
 R=3819.72' ← 7104

SPIRAL
 a=0.50
 $\Delta=02^{\circ}15'00''$
 L=300.00
 SPI ← 7107



| CHANGE ORDER REVISIONS | | | |
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| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS |
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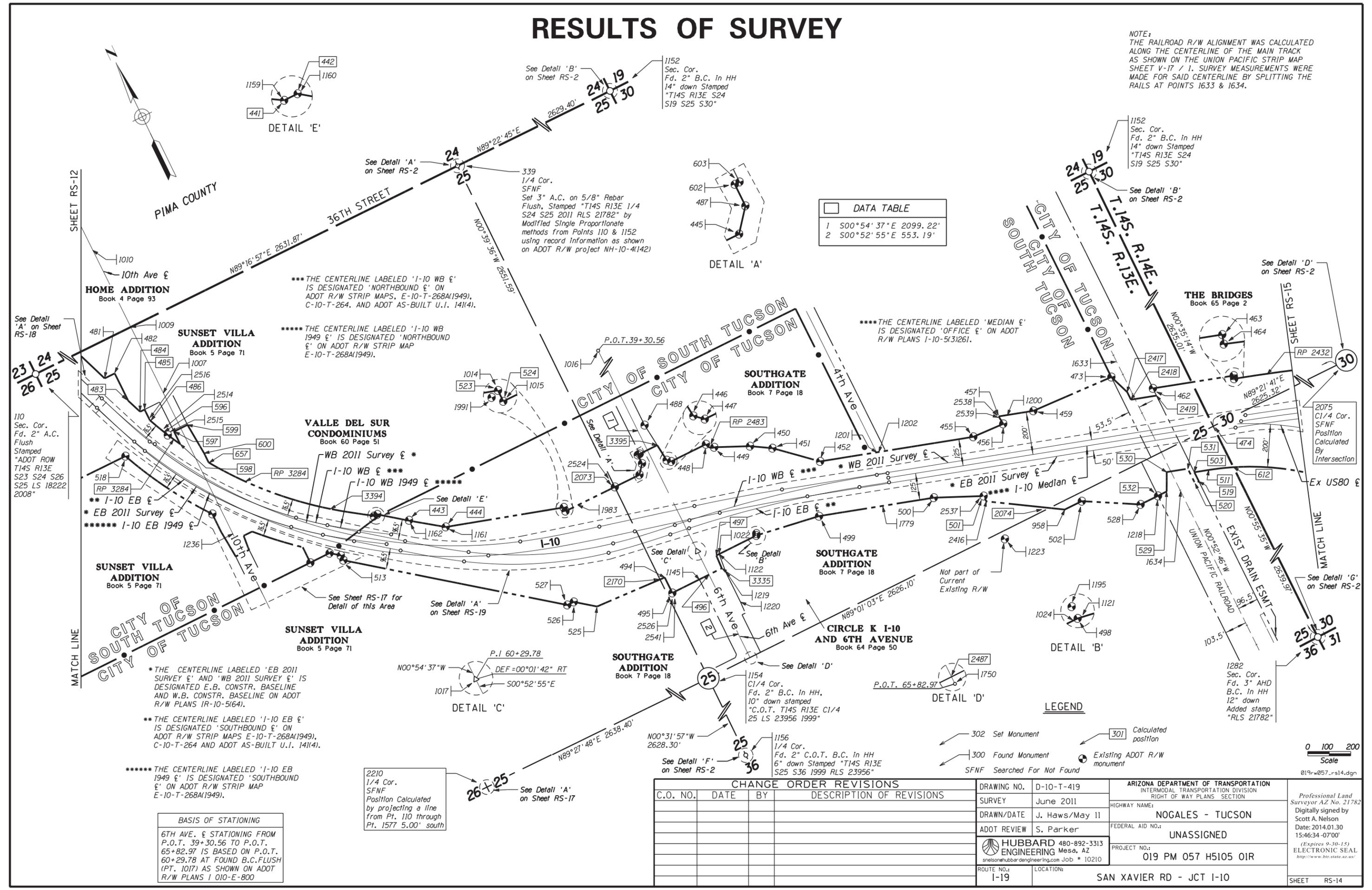
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|---|----------------|--|--|
| DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:46:08 -0700 (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
| SURVEY | June 2011 | | |
| DRAWN/DATE | J. Haws/May 11 | HIGHWAY NAME: | NOGALES - TUCSON |
| ADOT REVIEW | S. Parker | FEDERAL AID NO.: | UNASSIGNED |
| HUBBARD ENGINEERING 480-892-3313 Mesa, AZ snelson@hubbardengineering.com Job # 10210 | | PROJECT NO.: | 019 PM 057 H5105 01R |
| ROUTE NO.: | I-19 | LOCATION: | SAN XAVIER RD - JCT I-10 |
| SHEET | | | RS-13 |



019-w057-rs13.dgn

RESULTS OF SURVEY

NOTE:
THE RAILROAD R/W ALIGNMENT WAS CALCULATED ALONG THE CENTERLINE OF THE MAIN TRACK AS SHOWN ON THE UNION PACIFIC STRIP MAP SHEET V-17 / 1. SURVEY MEASUREMENTS WERE MADE FOR SAID CENTERLINE BY SPLITTING THE RAILS AT POINTS 1633 & 1634.



| DATA TABLE | |
|------------|----------------------|
| 1 | 500°54'37"E 2099.22' |
| 2 | 500°52'55"E 553.19' |

***THE CENTERLINE LABELED 'I-10 WB' IS DESIGNATED 'NORTHBOUND' ON ADOT R/W STRIP MAPS, E-10-T-268A(1949), C-10-T-264, AND ADOT AS-BUILT U.I. 141(4).

*****THE CENTERLINE LABELED 'I-10 WB 1949' IS DESIGNATED 'NORTHBOUND' ON ADOT R/W STRIP MAP E-10-T-268A(1949).

*****THE CENTERLINE LABELED 'MEDIAN' IS DESIGNATED 'OFFICE' ON ADOT R/W PLANS I-10-5(3)261.

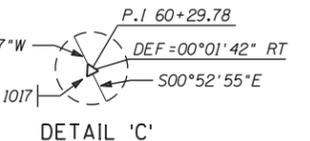
*THE CENTERLINE LABELED 'EB 2011 SURVEY' AND 'WB 2011 SURVEY' IS DESIGNATED E.B. CONSTR. BASELINE AND W.B. CONSTR. BASELINE ON ADOT R/W PLANS IR-10-5164.

**THE CENTERLINE LABELED 'I-10 EB' IS DESIGNATED 'SOUTHBOUND' ON ADOT R/W STRIP MAPS E-10-T-268A(1949), C-10-T-264 AND ADOT AS-BUILT U.I. 141(4).

*****THE CENTERLINE LABELED 'I-10 EB 1949' IS DESIGNATED 'SOUTHBOUND' ON ADOT R/W STRIP MAP E-10-T-268A(1949).

BASIS OF STATIONING
6TH AVE. & STATIONING FROM P.O.T. 39+30.56 TO P.O.T. 65+82.97 IS BASED ON P.O.T. 60+29.78 AT FOUND B.C. FLUSH (PT. 1017) AS SHOWN ON ADOT R/W PLANS I 010-E-800

2210
1/4 Cor.
SFNF
Position Calculated by projecting a line from Pt. 110 through Pt. 1577 5.00' south



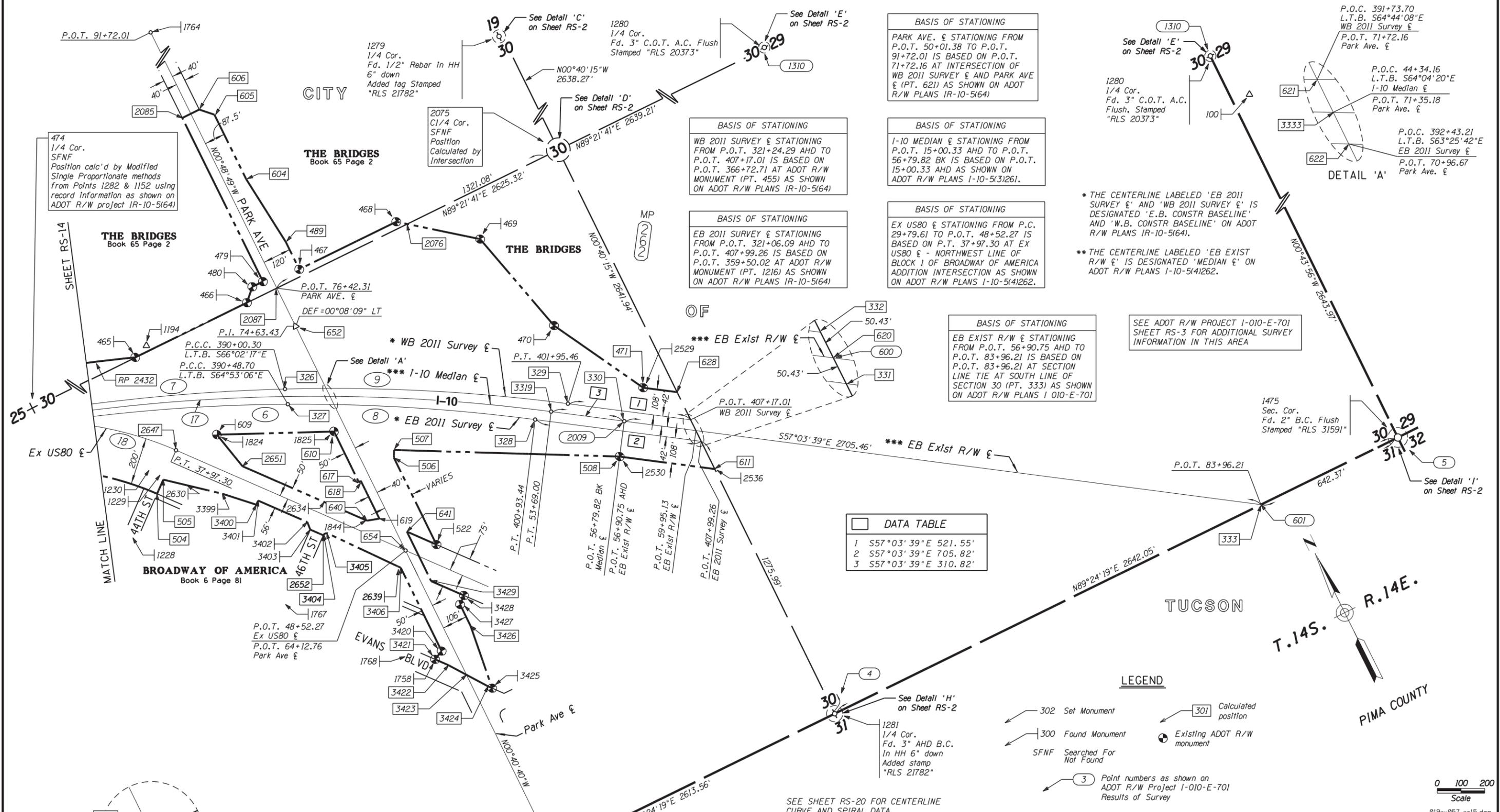
- LEGEND**
- 302 Set Monument
 - 300 Found Monument
 - SFNF Searched For Not Found
 - 301 Calculated position
 - Existing ADOT R/W monument



| CHANGE ORDER REVISIONS | | | | DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | |
|------------------------|------|----|--------------------------|---|--------------------------|--|--|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS | SURVEY | June 2011 | HIGHWAY NAME: NOGALES - TUCSON | |
| | | | | DRAWN/DATE | J. Haws/May 11 | FEDERAL AID NO.: | |
| | | | | ADOT REVIEW | S. Parker | UNASSIGNED | |
| | | | | HUBBARD ENGINEERING 480-892-3313 Mesa, AZ snelson@hubbardengineering.com Job # 10210 | | PROJECT NO.: | |
| | | | | ROUTE NO.: | I-19 | 019 PM 057 H5105 OIR | |
| | | | | LOCATION: | SAN XAVIER RD - JCT I-10 | | |

Professional Land Surveyor AZ No. 21782
Digitally signed by Scott A. Nelson
Date: 2014.01.30 15:46:34 -0700
(Expires 9-30-15)
ELECTRONIC SEAL
http://www.btr.state.az.us/

RESULTS OF SURVEY



BASIS OF STATIONING
 PARK AVE. & STATIONING FROM P.O.T. 50+01.38 TO P.O.T. 91+72.01 IS BASED ON P.O.T. 71+72.16 AT INTERSECTION OF WB 2011 SURVEY & AND PARK AVE & (PT. 621) AS SHOWN ON ADOT R/W PLANS IR-10-5(64)

BASIS OF STATIONING
 WB 2011 SURVEY & STATIONING FROM P.O.T. 321+24.29 AHD TO P.O.T. 407+17.01 IS BASED ON P.O.T. 366+72.71 AT ADOT R/W MONUMENT (PT. 455) AS SHOWN ON ADOT R/W PLANS IR-10-5(64)

BASIS OF STATIONING
 EB 2011 SURVEY & STATIONING FROM P.O.T. 321+06.09 AHD TO P.O.T. 407+99.26 IS BASED ON P.O.T. 359+50.02 AT ADOT R/W MONUMENT (PT. 1216) AS SHOWN ON ADOT R/W PLANS IR-10-5(64)

BASIS OF STATIONING
 I-10 MEDIAN & STATIONING FROM P.O.T. 15+00.33 AHD TO P.O.T. 56+79.82 BK IS BASED ON P.O.T. 15+00.33 AHD AS SHOWN ON ADOT R/W PLANS I-10-5(3)261.

BASIS OF STATIONING
 EX US80 & STATIONING FROM P.C. 29+79.61 TO P.O.T. 48+52.27 IS BASED ON P.T. 37+97.30 AT EX US80 & - NORTHWEST LINE OF BLOCK 1 OF BROADWAY OF AMERICA ADDITION INTERSECTION AS SHOWN ON ADOT R/W PLANS I-10-5(4)262.

BASIS OF STATIONING
 EB EXIST R/W & STATIONING FROM P.O.T. 56+90.75 AHD TO P.O.T. 83+96.21 IS BASED ON P.O.T. 83+96.21 AT SECTION LINE TIE AT SOUTH LINE OF SECTION 30 (PT. 333) AS SHOWN ON ADOT R/W PLANS I 010-E-701

SEE ADOT R/W PROJECT I-010-E-701 SHEET RS-3 FOR ADDITIONAL SURVEY INFORMATION IN THIS AREA

DATA TABLE

| | | |
|---|-------------|---------|
| 1 | S57°03'39"E | 521.55' |
| 2 | S57°03'39"E | 705.82' |
| 3 | S57°03'39"E | 310.82' |

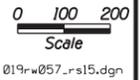
LEGEND

- 302 Set Monument
- 300 Found Monument
- SFNF Searched For Not Found
- 301 Calculated position
- Existing ADOT R/W monument
- 3 Point numbers as shown on ADOT R/W Project I-010-E-701 Results of Survey

SEE SHEET RS-20 FOR CENTERLINE CURVE AND SPIRAL DATA

| CHANGE ORDER REVISIONS | | | |
|------------------------|------|----|--------------------------|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS |
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|-------------|----------------|--|--|
| DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:47:00 -07'00' (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
| SURVEY | June 2011 | | |
| DRAWN/DATE | J. Haws/May 11 | HIGHWAY NAME: | NOGALES - TUCSON |
| ADOT REVIEW | S. Parker | FEDERAL AID NO.: | UNASSIGNED |
| ROUTE NO.: | I-19 | PROJECT NO.: | 019 PM 057 H5105 01R |
| | | LOCATION: | SAN XAVIER RD - JCT I-10 |



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474
1/4 Cor.
SFNF
Position calc'd by Modified Single Proportionate methods from Points 1282 & 1152 using record information as shown on ADOT R/W project IR-10-5(64)

THE BRIDGES
Book 65 Page 2

THE BRIDGES
Book 65 Page 2

BROADWAY OF AMERICA
Book 6 Page 81

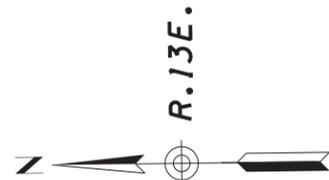
DETAIL 'B'

DETAIL 'A'

* THE CENTERLINE LABELED 'EB 2011 SURVEY &' AND 'WB 2011 SURVEY &' IS DESIGNATED 'E.B. CONSTR BASELINE' AND 'W.B. CONSTR BASELINE' ON ADOT R/W PLANS IR-10-5(64).
 ** THE CENTERLINE LABELED 'EB EXIST R/W &' IS DESIGNATED 'MEDIAN &' ON ADOT R/W PLANS I-10-5(4)262.

RESULTS OF SURVEY

MATCH LINE SHEET RS-12



PIMA COUNTY

110
Sec. Cor.
Fd. 2" A.C. Flush
Stamped "ADOT
ROW T14S R13E
S23 S24 S26 S25
LS 18222 2008"

(C01)
SANTA CRUZ LANE &
CURVE DATA
PI 11+12.32 ← 2095
Δ=04°04'15" RT
D=03°30'00"
T=58.18'
L=116.31'
R=1637.02' ← 2089

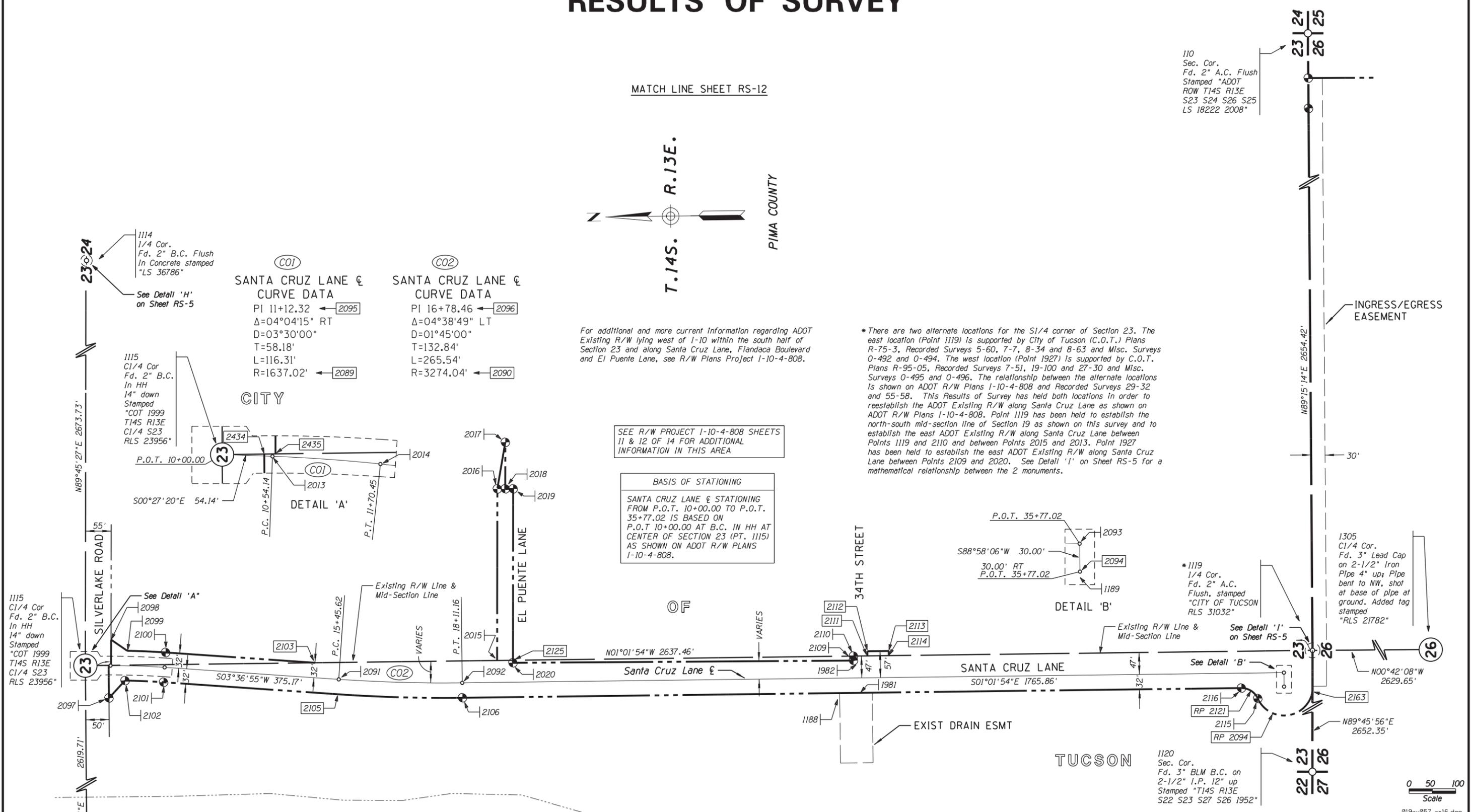
(C02)
SANTA CRUZ LANE &
CURVE DATA
PI 16+78.46 ← 2096
Δ=04°38'49" LT
D=01°45'00"
T=132.84'
L=265.54'
R=3274.04' ← 2090

For additional and more current information regarding ADOT Existing R/W lying west of I-10 within the south half of Section 23 and along Santa Cruz Lane, Flandaca Boulevard and El Puente Lane, see R/W Plans Project I-10-4-808.

*There are two alternate locations for the S1/4 corner of Section 23. The east location (Point 1119) is supported by City of Tucson (C.O.T.) Plans R-75-3, Recorded Surveys 5-60, 7-7, 8-34 and 8-63 and Misc. Surveys 0-492 and 0-494. The west location (Point 1927) is supported by C.O.T. Plans R-95-05, Recorded Surveys 7-51, 19-100 and 27-30 and Misc. Surveys 0-495 and 0-496. The relationship between the alternate locations is shown on ADOT R/W Plans I-10-4-808 and Recorded Surveys 29-32 and 55-58. This Results of Survey has held both locations in order to reestablish the ADOT Existing R/W along Santa Cruz Lane as shown on ADOT R/W Plans I-10-4-808. Point 1119 has been held to establish the north-south mid-section line of Section 19 as shown on this survey and to establish the east ADOT Existing R/W along Santa Cruz Lane between Points 1119 and 2110 and between Points 2015 and 2013. Point 1927 has been held to establish the east ADOT Existing R/W along Santa Cruz Lane between Points 2109 and 2020. See Detail 'I' on Sheet RS-5 for a mathematical relationship between the 2 monuments.

SEE R/W PROJECT I-10-4-808 SHEETS 11 & 12 OF 14 FOR ADDITIONAL INFORMATION IN THIS AREA

BASIS OF STATIONING
SANTA CRUZ LANE & STATIONING FROM P.O.T. 10+00.00 TO P.O.T. 35+77.02 IS BASED ON P.O.T. 10+00.00 AT B.C. IN HH AT CENTER OF SECTION 23 (PT. 1115) AS SHOWN ON ADOT R/W PLANS I-10-4-808.



1115
C1/4 Cor
Fd. 2" B.C.
In HH
14" down
Stamped
"COT 1999
T14S R13E
C1/4 S23
RLS 23956"

See Detail 'A'

DETAIL 'B'
P.O.T. 35+77.02
S88°58'06"W 30.00'
30.00' RT
P.O.T. 35+77.02

*1119
1/4 Cor.
Fd. 2" A.C.
Flush, stamped
"CITY OF TUCSON
RLS 31032"

1305
C1/4 Cor.
Fd. 3" Lead Cap
on 2-1/2" Iron
Pipe 4" up; Pipe
bent to NW, shot
at base of pipe at
ground. Added tag
stamped
"RLS 21782"

1120
Sec. Cor.
Fd. 3" BLM B.C. on
2-1/2" I.P. 12" up
Stamped "T14S R13E
S22 S23 S27 S26 1952"

0 50 100
Scale

019w057_rsl6.dgn

← SANTA CRUZ RIVER

LEGEND

- ← 302 Set Monument
- ← 300 Found Monument
- ← 301 Calculated position
- ⊙ Existing ADOT R/W monument

| CHANGE ORDER REVISIONS | | | | DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:47:26 -07'00' (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
|------------------------|------|----|--------------------------|---|----------------|--|----------------------|---|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS | SURVEY | June 2011 | HIGHWAY NAME: | NOGALES - TUCSON | |
| | | | | DRAWN/DATE | J. Haws/May 11 | FEDERAL AID NO.: | UNASSIGNED | |
| | | | | ADOT REVIEW | S. Parker | PROJECT NO.: | 019 PM 057 H5105 01R | |
| | | | | HUBBARD ENGINEERING 480-892-3313 Mesa, AZ snelson@hubbardengineering.com Job # 10210 | | ROUTE NO.: I-19 | | |
| | | | | LOCATION: SAN XAVIER RD - JCT I-10 | | SHEET RS-16 | | |

RESULTS OF SURVEY

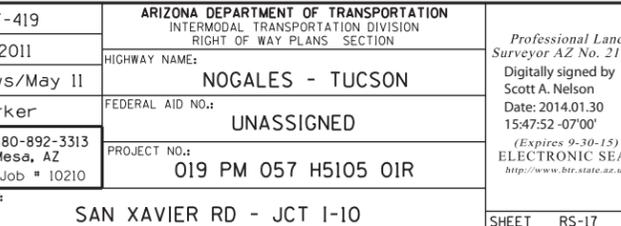
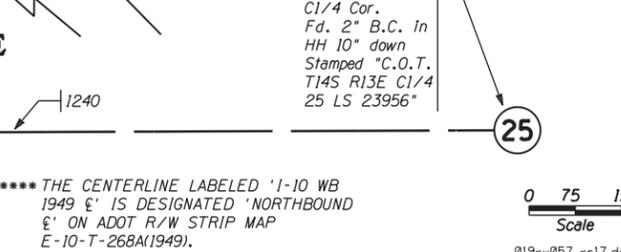
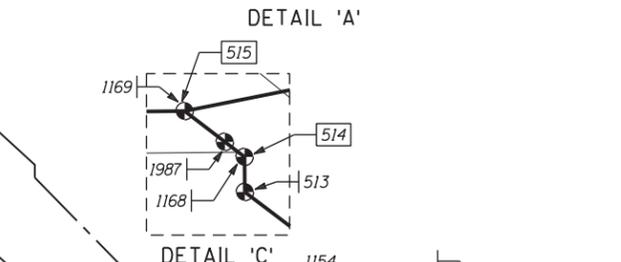
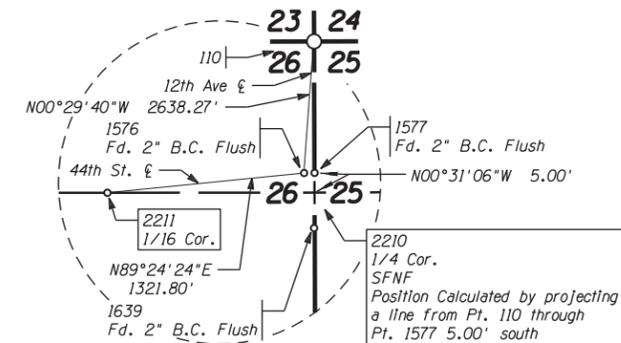
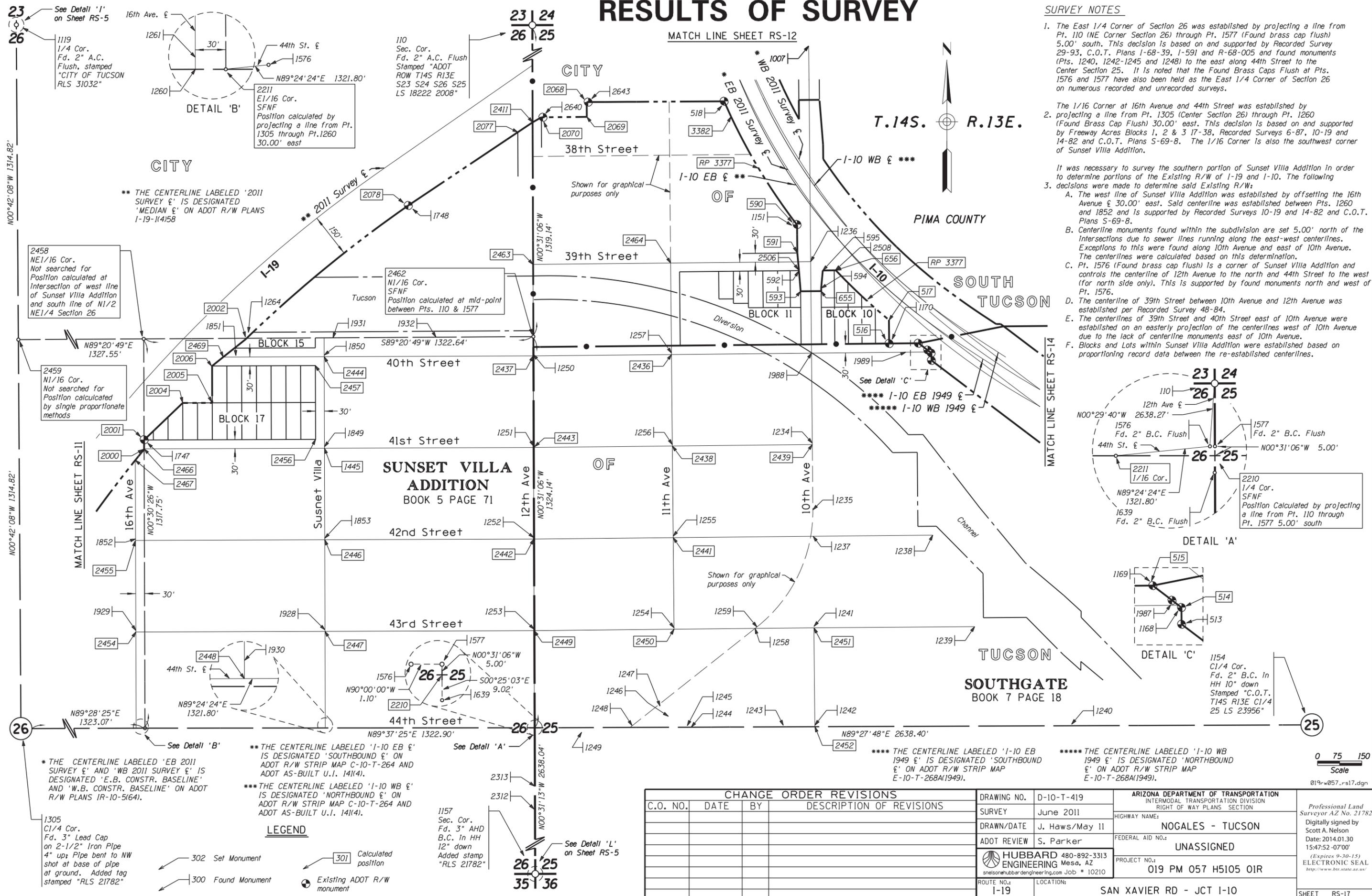
SURVEY NOTES

1. The East 1/4 Corner of Section 26 was established by projecting a line from Pt. 110 (NE Corner Section 26) through Pt. 1577 (Found brass cap flush) 5.00' south. This decision is based on and supported by Recorded Survey 29-93, C.O.T. Plans I-68-39, I-591 and R-68-005 and found monuments (Pts. 1240, 1242-1245 and 1248) to the east along 44th Street to the Center Section 25. It is noted that the Found Brass Caps Flush at Pts. 1576 and 1577 have also been held as the East 1/4 Corner of Section 26 on numerous recorded and unrecorded surveys.

The 1/16 Corner at 16th Avenue and 44th Street was established by projecting a line from Pt. 1305 (Center Section 26) through Pt. 1260 (Found Brass Cap Flush) 30.00' east. This decision is based on and supported by Freeway Acres Blocks 1, 2 & 3 17-38, Recorded Surveys 6-87, 10-19 and 14-82 and C.O.T. Plans S-69-8. The 1/16 Corner is also the southwest corner of Sunset Villa Addition.

It was necessary to survey the southern portion of Sunset Villa Addition in order to determine portions of the Existing R/W of I-19 and I-10. The following decisions were made to determine said Existing R/W:

- The west line of Sunset Villa Addition was established by offsetting the 16th Avenue 30.00' east. Said centerline was established between Pts. 1260 and 1852 and is supported by Recorded Surveys 10-19 and 14-82 and C.O.T. Plans S-69-8.
- Centerline monuments found within the subdivision are set 5.00' north of the intersections due to sewer lines running along the east-west centerlines. Exceptions to this were found along 10th Avenue and east of 10th Avenue. The centerlines were calculated based on this determination.
- Pt. 1576 (Found brass cap flush) is a corner of Sunset Villa Addition and controls the centerline of 12th Avenue to the north and 44th Street to the west (for north side only). This is supported by found monuments north and west of Pt. 1576.
- The centerline of 39th Street between 10th Avenue and 12th Avenue was established per Recorded Survey 48-84.
- The centerlines of 39th Street and 40th Street east of 10th Avenue were established on an easterly projection of the centerlines west of 10th Avenue due to the lack of centerline monuments east of 10th Avenue.
- Blocks and Lots within Sunset Villa Addition were established based on proportioning record data between the re-established centerlines.



RESULTS OF SURVEY

| | | | | | | |
|--|---|---|---|--|--|--|
| <p style="text-align: center;">(2)</p> <p>EB 2011 Survey ξ CURVE DATA PI 337+08.82 ← 335</p> <p>SPIRAL a=0.70 $\Delta=4^{\circ}11'34"$ L=345.00' SPI ← 349</p> <p>TOTAL CURVE $\Delta=55^{\circ}44'10"$ LT T=in 1427.83' out 1590.67' L=2813.39'</p> <p>MAIN CURVE $\Delta=43^{\circ}05'28"$ LT D=2°25'50" L=1772.89' R=2357.31' ← 337</p> | <p style="text-align: center;">(3)</p> <p>WB 2011 Survey ξ CURVE DATA PI 336+74.11 ← 336</p> <p>SPIRAL a=0.35 $\Delta=8^{\circ}27'08"$ L=695.50' SPI ← 347</p> <p>SPIRAL a=0.50 $\Delta=6^{\circ}12'30"$ L=500.00' SPI ← 350</p> <p>TOTAL CURVE $\Delta=55^{\circ}44'10"$ LT T=in 1469.86' out 1411.15' L=2681.91'</p> <p>MAIN CURVE $\Delta=44^{\circ}52'17"$ LT D=2°29'00" L=1806.91' R=2307.21' ← 338</p> | <p style="text-align: center;">(11)</p> <p>I-10 EB ξ CURVE DATA PI 327+05.23 ← 3247</p> <p>SPIRAL a=1.00 $\Delta=4^{\circ}30'00"$ L=300.00' SPI ← 3347</p> <p>TOTAL CURVE $\Delta=32^{\circ}11'27"$ LT T=701.62' L=1373.03'</p> <p>MAIN CURVE $\Delta=23^{\circ}11'27"$ LT D=3°00'00" L=773.03' R=1909.86' ← 3344</p> | <p style="text-align: center;">(12)</p> <p>I-10 WB ξ CURVE DATA PI 327+20.83 ← 3249</p> <p>SPIRAL a=1.00 $\Delta=4^{\circ}30'00"$ L=300.00' SPI ← 3287</p> <p>TOTAL CURVE $\Delta=32^{\circ}11'27"$ LT T=701.62' L=1373.03'</p> <p>MAIN CURVE $\Delta=23^{\circ}11'27"$ LT D=3°00'00" L=773.03' R=1909.86' ← 3284</p> | | | |
| <p style="text-align: center;">(13)</p> <p>I-10 EB ξ CURVE DATA PI 342+50.65 ← 3251</p> <p>SPIRAL a=1.00 $\Delta=4^{\circ}30'00"$ L=300.00' SPI ← 3273</p> <p>TOTAL CURVE $\Delta=29^{\circ}20'13"$ LT T=650.40' L=1277.89'</p> <p>MAIN CURVE $\Delta=20^{\circ}20'13"$ LT D=3°00'00" L=677.89' R=1909.86' ← 3270</p> | <p style="text-align: center;">(14)</p> <p>I-10 WB ξ CURVE DATA PI 342+66.91 ← 3252</p> <p>SPIRAL a=1.00 $\Delta=4^{\circ}30'00"$ L=300.00' SPI ← 3274</p> <p>SPIRAL a=1.00 $\Delta=4^{\circ}30'00"$ L=300.00' SPI ← 3314</p> <p>TOTAL CURVE $\Delta=29^{\circ}20'13"$ LT T=650.40' L=1277.89'</p> <p>MAIN CURVE $\Delta=20^{\circ}20'13"$ LT D=3°00'00" L=677.89' R=1909.86' ← 3311</p> | <p style="text-align: center;">(4)</p> <p>EB 2011 Survey ξ CURVE DATA PI 357+03.64 ← 578</p> <p>SPIRAL a=1.00 $\Delta=3^{\circ}06'51"$ RT D=0°45'00" T=207.66' L=415.22' R=7639.44' ← 318</p> | <p style="text-align: center;">(5)</p> <p>WB 2011 Survey ξ CURVE DATA PI 355+46.57 ← 579</p> <p>SPIRAL a=1.00 $\Delta=3^{\circ}06'51"$ RT D=0°45'00" T=207.66' L=415.22' R=7639.44' ← 315</p> | <p style="text-align: center;">(6)</p> <p>EB 2011 Survey ξ CURVE DATA PI 384+90.61 ← 580</p> <p>SPIRAL a=1.00 $\Delta=08^{\circ}43'12"$ RT D=00°46'47" T=560.26' L=1118.35' R=7348.23' ← 322</p> | | |
| <p style="text-align: center;">(7)</p> <p>WB 2011 Survey ξ CURVE DATA PI 384+70.89 ← 581</p> <p>SPIRAL a=1.00 $\Delta=07^{\circ}34'01"$ RT D=00°42'49" T=530.96' L=1060.37' R=8028.99' ← 324</p> | <p style="text-align: center;">(8)</p> <p>EB 2011 Survey ξ CURVE DATA PI 395+71.88 ← 582</p> <p>SPIRAL a=1.00 $\Delta=07^{\circ}49'26"$ RT D=00°44'56" T=523.18' L=1044.74' R=7650.77' ← 323</p> | <p style="text-align: center;">(9)</p> <p>WB 2011 Survey ξ CURVE DATA PI 395+99.11 ← 583</p> <p>SPIRAL a=1.00 $\Delta=08^{\circ}58'37"$ RT D=00°45'04" T=598.81' L=1195.16' R=7628.14' ← 325</p> | <p style="text-align: center;">(15)</p> <p>I-10 EB ξ CURVE DATA PI 353+79.37 ← 3306</p> <p>SPIRAL a=1.00 $\Delta=08^{\circ}59'12"$ RT D=01°06'00" T=409.33' L=816.98' R=5208.71' ← 3279</p> | <p style="text-align: center;">(16)</p> <p>I-10 WB ξ CURVE DATA PI 354+15.91 ← 3308</p> <p>SPIRAL a=1.00 $\Delta=08^{\circ}59'12"$ RT D=01°00'00" T=450.26' L=898.68' R=5729.58' ← 3307</p> | <p style="text-align: center;">(17)</p> <p>I-10 MEDIAN ξ CURVE DATA PI 42+74.32 ← 3332</p> <p>SPIRAL a=1.00 $\Delta=16^{\circ}32'09"$ RT D=00°45'00" T=1110.11' L=2204.79' R=7639.44' ← 3318</p> | <p style="text-align: center;">(18)</p> <p>EX US80 ξ CURVE DATA PI 33+99.89 ← 2648</p> <p>SPIRAL a=1.00 $\Delta=32^{\circ}38'54"$ RT D=03°59'34" T=420.28' L=817.69' R=1434.99' ← 2646</p> |
| <p style="text-align: center;">(19)</p> <p>I-10 WB 1949 ξ CURVE DATA PI 328+03.14 ← 3350</p> <p>SPIRAL a=1.00 $\Delta=4^{\circ}30'00"$ L=300.00' SPI ← 3287</p> <p>TOTAL CURVE $\Delta=36^{\circ}41'27"$ LT T=783.93' L=1523.03'</p> <p>MAIN CURVE $\Delta=27^{\circ}41'27"$ LT D=3°00'00" L=923.03' R=1909.86' ← 3284</p> | <p style="text-align: center;">(20)</p> <p>I-10 EB 1949 ξ CURVE DATA PI 327+87.54 ← 3359</p> <p>SPIRAL a=1.00 $\Delta=4^{\circ}30'00"$ L=300.00' SPI ← 3358</p> <p>SPIRAL a=1.00 $\Delta=4^{\circ}30'00"$ L=300.00' SPI ← 3380</p> <p>TOTAL CURVE $\Delta=36^{\circ}41'27"$ LT T=783.93' L=1523.03'</p> <p>MAIN CURVE $\Delta=27^{\circ}41'27"$ LT D=3°00'00" L=923.03' R=1909.86' ← 3377</p> | | | | | |

019r057_r.s20.dgn

| CHANGE ORDER REVISIONS | | | | DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:49:20 -07'00' (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
|------------------------|------|----|--------------------------|---|----------------|--|--|---|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS | SURVEY | June 2011 | HIGHWAY NAME: NOGALES - TUCSON | | |
| | | | | DRAWN/DATE | J. Haws/May 11 | FEDERAL AID NO.: | | |
| | | | | ADOT REVIEW | S. Parker | UNASSIGNED | | |
| | | | | HUBBARD ENGINEERING 480-892-3313 Mesa, AZ snelson@hubbardengineering.com Job # 10210 | | PROJECT NO.: | | |
| | | | | ROUTE NO.: | | 019 PM 057 H5105 01R | | |
| | | | | LOCATION: | | SAN XAVIER RD - JCT I-10 | | |
| | | | | I-19 | | SHEET | | |
| | | | | | | RS-20 | | |

RESULTS OF SURVEY

| PUBLIC INFORMATION USED IN PREPARATION OF SURVEY | | | | | | |
|--|------|------|------|------|------|--------------------------------------|
| PIMA COUNTY RECORDER'S OFFICE | | | | | | |
| TYP. | SEC. | TWP. | RNG. | BOOK | PAGE | DESCRIPTION |
| RS | 11 | 14S | 13E | 71 | 86 | AMENDED RECORD OF SURVEY |
| RS | 13 | 14S | 13E | 6 | 17 | ALTA SURVEY |
| RS | 13 | 14S | 13E | 9 | 41 | RECORD OF SURVEY |
| RS | 13 | 14S | 13E | 15 | 99 | RECORD OF SURVEY |
| RS | 13 | 14S | 13E | 16 | 31 | RIGHT OF WAY SURVEY |
| RS | 13 | 14S | 13E | 39 | 87 | ALTA SURVEY |
| RS | 13 | 14S | 13E | 52 | 46 | ALTA SURVEY |
| MP | 14 | 14S | 13E | 19 | 88 | ESTABLISHMENT OF SOUTH MISSION ROAD |
| MP | 14 | 14S | 13E | 32 | 62 | SENTINEL PEAK MANOR |
| MP | 14 | 14S | 13E | 40 | 66 | SENTINEL SHADOWS |
| MP | 14 | 14S | 13E | 59 | 47 | PASEO ESTRELLA |
| MP | 14 | 14S | 13E | 60 | 83 | MERCADO DISTRICT OF MENLO PARK |
| RS | 14 | 14S | 13E | 5 | 100 | RECORD OF SURVEY |
| RS | 14 | 14S | 13E | 6 | 7 | RECORD OF SURVEY |
| RS | 14 | 14S | 13E | 6 | 16 | ALTA SURVEY |
| RS | 14 | 14S | 13E | 23 | 30 | RESULTS OF SURVEY |
| RS | 14 | 14S | 13E | 28 | 7 | RECORD OF SURVEY |
| RS | 14 | 14S | 13E | 33 | 81 | RESULTS OF SURVEY |
| RS | 14 | 14S | 13E | 53 | 59 | RECORD OF SURVEY |
| RS | 14 | 14S | 13E | 55 | 44 | ALTA SURVEY |
| MS | 14 | 14S | 13E | 0 | 139 | SURVEY MAP |
| MS | 14 | 14S | 13E | 0 | 140 | SURVEY MAP |
| MP | 15 | 14S | 13E | 8 | 40 | PANORAMA ESTATES "A" |
| RS | 15 | 14S | 13E | 6 | 3 | RECORD OF SURVEY |
| MP | 23 | 14S | 13E | 18 | 86 | ESTABLISHMENT OF SOUTH MISSION ROAD |
| MP | 23 | 14S | 13E | 21 | 40 | COTTONWOOD PARK |
| MP | 23 | 14S | 13E | 26 | 88 | STATE INDUSTRIES |
| MP | 23 | 14S | 13E | 36 | 66 | COTTONWOOD ESTATES |
| MP | 23 | 14S | 13E | 42 | 75 | INTERSTATE COMMERCE CENTER |
| MP | 23 | 14S | 13E | 59 | 21 | STARR PASS HEIGHTS SUBDIVISION |
| RS | 23 | 14S | 13E | 5 | 60 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 7 | 47 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 7 | 51 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 8 | 34 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 19 | 100 | RESULTS OF SURVEY |
| RS | 23 | 14S | 13E | 21 | 81 | PIMA COUNTY YARD SURVEY |
| RS | 23 | 14S | 13E | 23 | 29 | RESULTS OF SURVEY |
| RS | 23 | 14S | 13E | 27 | 8 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 27 | 30 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 29 | 32 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 33 | 56 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 55 | 58 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 55 | 76 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 57 | 89 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 69 | 86 | RECORD OF SURVEY |
| RS | 23 | 14S | 13E | 72 | 72 | RECORD OF SURVEY |
| MS | 23 | 14S | 13E | 0 | 492 | RESULTS OF SURVEY |
| MS | 23 | 14S | 13E | 0 | 493 | SURVEY MAP |
| MS | 23 | 14S | 13E | 0 | 636 | RECORD OF SURVEY |
| MS | 23 | 14S | 13E | 0 | 33 | SURVEY MAP |
| MS | 23 | 14S | 13E | 0 | 105 | SURVEY MAP |
| MP | 24 | 14S | 13E | 4 | 93 | HOME ADDITION |
| MP | 24 | 14S | 13E | 5 | 22 | HOME ADDITION NO. 2 |
| RS | 24 | 14S | 13E | 8 | 43 | RECORD OF SURVEY |
| RS | 24 | 14S | 13E | 8 | 73 | RIGHT OF WAY SURVEY |
| RS | 24 | 14S | 13E | 21 | 91 | RECORD OF SURVEY |
| RS | 24 | 14S | 13E | 23 | 32 | RECORD OF SURVEY |
| MP | 25 | 14S | 13E | 5 | 66 | VETERAN'S ADDITION |
| MP | 25 | 14S | 13E | 6 | 16 | THE RAINBOW ADDITION |
| MP | 25 | 14S | 13E | 6 | 81 | BROADWAY OF AMERICA ADDITION |
| MP | 25 | 14S | 13E | 6 | 97 | LEE ADDITION |
| MP | 25 | 14S | 13E | 7 | 18 | SOUTHGATE |
| MP | 25 | 14S | 13E | 7 | 54 | ROSEMARY ADDITION |
| MP | 25 | 14S | 13E | 7 | 97 | TALISMAN ADDITION |
| MP | 25 | 14S | 13E | 16 | 22 | SOLOMON INDUSTRIAL PARK |
| MP | 25 | 14S | 13E | 64 | 50 | CIRCLE K I-10 AND 6TH AVENUE |
| MP | 25 | 14S | 13E | 65 | 2 | THE BRIDGES BLOCKS I-15 |
| RS | 25 | 14S | 13E | 7 | 26 | RECORD OF SURVEY |
| RS | 25 | 14S | 13E | 8 | 22 | ALTA SURVEY |
| RS | 25 | 14S | 13E | 14 | 90 | RECORD OF SURVEY |
| RS | 25 | 14S | 13E | 20 | 71 | RECORD OF SURVEY |
| RS | 25 | 14S | 13E | 20 | 76 | MONUMENT RE-ESTABLISHMENT 6TH AVENUE |

| PUBLIC INFORMATION USED IN PREPARATION OF SURVEY | | | | | | |
|--|------|------|------|---------|------|--|
| PIMA COUNTY RECORDER'S OFFICE | | | | | | |
| TYP. | SEC. | TWP. | RNG. | BOOK | PAGE | DESCRIPTION |
| RS | 25 | 14S | 13E | 46 | 34 | RECORD OF SURVEY |
| RS | 25 | 14S | 13E | 48 | 84 | RECORD OF SURVEY |
| RS | 25 | 14S | 13E | 56 | 78 | RECORD OF SURVEY |
| RS | 25 | 14S | 13E | 62 | 54 | RESULTS OF SURVEY |
| RS | 25 | 14S | 13E | 27 | 64 | ALTA SURVEY |
| RS | 25 | 14S | 13E | 60 | 6 | RECORD OF SURVEY |
| MS | 25 | 14S | 13E | 0 | 289 | PLAT OF SURVEY |
| MS | 25 | 14S | 13E | 0 | 447 | BOUNDARY & TOPOGRAPHIC SURVEY |
| COT | 25 | 14S | 13E | 1-68-39 | | C.O.T. 10TH AVE TO 12TH AVE TRANSITION JOB NO. 251 |
| COT | 25 | 14S | 13E | 1-591 | | WAKEFIELD IMPROVEMENT DISTRICT 44TH STREET |
| MP | 26 | 14S | 13E | 5 | 71 | SUNSET VILLA ADDITION |
| MP | 26 | 14S | 13E | 9 | 28 | HI-SCHOOL ADDITION |
| MP | 26 | 14S | 13E | 16 | 27 | RIGHT OF WAY DEDICATION PLAT |
| MP | 26 | 14S | 13E | 17 | 38 | FREEWAY ACRES BLOCKS 1, 2 & 3 |
| MP | 26 | 14S | 13E | 35 | 85 | SANTA CRUZ PLAZA LOTS 1 THRU 10 |
| MP | 26 | 14S | 13E | 37 | 43 | SANTA CRUZ PLAZA LOTS 11 THRU 14 |
| RS | 26 | 14S | 13E | 6 | 87 | RECORD OF SURVEY |
| RS | 26 | 14S | 13E | 7 | 7 | RECORD OF SURVEY |
| RS | 26 | 14S | 13E | 10 | 19 | MARSHALL HOME FOR MEN SURVEY |
| RS | 26 | 14S | 13E | 13 | 80 | RECORD OF SURVEY |
| RS | 26 | 14S | 13E | 14 | 82 | PROPERTY SURVEY |
| RS | 26 | 14S | 13E | 14 | 91 | RECORD OF SURVEY |
| RS | 26 | 14S | 13E | 29 | 93 | RECORD OF SURVEY |
| RS | 26 | 14S | 13E | 58 | 67 | RECORD OF SURVEY |
| MS | 26 | 14S | 13E | 0 | 441 | SURVEY MAP |
| COT | 26 | 14S | 13E | S-69-8 | | MAP OF PROPOSED WIDENING OF 44TH ST. |
| COT | 26 | 14S | 13E | 1-70-20 | | C.O.T. 12TH AVE, 40TH ST TO 44TH ST |
| MP | 35 | 14S | 13E | 7 | 62 | NATIONAL CITY ANNEX |
| MP | 35 | 14S | 13E | 8 | 33 | LAMAR CITY ACRES |
| MP | 35 | 14S | 13E | 9 | 3 | SERRANO VILLA |
| MP | 35 | 14S | 13E | 9 | 11 | LA MAR CITY ACRES NO. 2 |
| MP | 35 | 14S | 13E | 10 | 10 | NATIONAL CITY NO. 12 |
| MP | 35 | 14S | 13E | 12 | 67 | LAS CASITAS ADDITION |
| MP | 35 | 14S | 13E | 14 | 20 | MICHIGAN MANOR |
| MP | 35 | 14S | 13E | 22 | 15 | CASITAS DEL SOL |
| MP | 35 | 14S | 13E | 22 | 85 | PLAZA DEL SOL |
| MP | 35 | 14S | 13E | 29 | 48 | PARQUE DE SANTA CRUZ |
| MP | 35 | 14S | 13E | 42 | 41 | IRVINGTON PLAZA |
| MP | 35 | 14S | 13E | 43 | 84 | PLACITA DEL RIO |
| MP | 35 | 14S | 13E | 54 | 7 | RANCHO RIO II |
| MP | 35 | 14S | 13E | 64 | 94 | RIVERFRONT PLAZA |
| RS | 35 | 14S | 13E | 19 | 26 | RECORD OF SURVEY |
| RS | 35 | 14S | 13E | 33 | 100 | RECORD OF SURVEY |
| RS | 35 | 14S | 13E | 43 | 63 | RECORD OF SURVEY |
| RS | 35 | 14S | 13E | 53 | 77 | RECORD OF SURVEY |
| RS | 35 | 14S | 13E | 63 | 88 | RESULTS OF SURVEY |
| RS | 35 | 14S | 13E | 74 | 67 | AMENDED RESULTS OF SURVEY |
| MP | 30 | 14S | 14E | 28 | 25 | SOLOMON INDUSTRIAL PARK LOTS 13 THRU 21 |
| MP | 30 | 14S | 14E | 42 | 20 | INTERSTATE BUSINESS PARK |
| MP | 30 | 14S | 14E | 62 | 70 | SOUTH GATE BUSINESS PARK CONDOMINIUMS |
| RS | 30 | 14S | 14E | 1 | 6 | RECORD OF SURVEY |
| RS | 30 | 14S | 14E | 52 | 97 | RECORD OF SURVEY |
| RS | 30 | 14S | 14E | 53 | 37 | RECORD OF SURVEY |
| RS | 30 | 14S | 14E | 56 | 29 | RECORD OF SURVEY |
| RS | 30 | 14S | 14E | 64 | 89 | RECORD OF SURVEY |
| MS | 30 | 14S | 14E | 0 | 18 | PREMINARY MAP FOR DOWNTOWN TUCSON AIRPORT |
| RM | 30 | 14S | 14E | 6 | 25 | SOUTH PARK AVENUE ROAD MAP |
| MP | 2 | 15S | 13E | 8 | 47 | NATIONAL CITY NO. 8 |
| MP | 2 | 15S | 13E | 8 | 85 | NATIONAL CITY NO. 9 |
| MP | 2 | 15S | 13E | 14 | 30 | DREXEL TERRACE NO. 1 |
| MP | 2 | 15S | 13E | 14 | 62 | DREXEL TERRACE NO. 1 LOTS 232-504 |
| MP | 2 | 15S | 13E | 19 | 96 | DREXEL TERRACE NO. 2 |
| MP | 2 | 15S | 13E | 32 | 38 | PARQUE DE SANTA CRUZ RESUBDIVISION |
| MP | 2 | 15S | 13E | 53 | 80 | WESTPOINT CROSSING |

RS= RECORD OF SURVEY
 MS= MISCELLANEOUS SURVEY
 MP= SUBDIVISION MAPS AND PLATS
 COT= CITY OF TUCSON

ALL RECORDS NOTED OBTAINED FROM THE CITY OF TUCSON DEPARTMENT OF TRANSPORTATION MAPS AND RECORDS WEBSITE LOCATED AT:
<http://tdotmaps/transview.org/MandR/>

| PUBLIC INFORMATION USED IN PREPARATION OF SURVEY | | | | | | |
|--|------|------|------|------|------|---|
| PIMA COUNTY RECORDER'S OFFICE | | | | | | |
| TYP. | SEC. | TWP. | RNG. | BOOK | PAGE | DESCRIPTION |
| MP | 2 | 15S | 13E | 63 | 54 | TUCSON SPECTRUM |
| RS | 2 | 15S | 13E | 6 | 29 | SURVEY OF PART OF NATIONAL CITY NO. 8&9 |
| RS | 2 | 15S | 13E | 7 | 68 | SURVEY OF INTERSECTION OF 12TH AVE & NEBRASKA |
| RS | 2 | 15S | 13E | 35 | 28 | RECORD OF SURVEY |
| RS | 2 | 15S | 13E | 37 | 86 | RECORD OF SURVEY |
| RS | 2 | 15S | 13E | 62 | 14 | RECORD OF SURVEY |
| RS | 2 | 15S | 13E | 71 | 25 | RESULTS OF SURVEY |
| RS | 2 | 15S | 13E | 71 | 83 | RECORD OF SURVEY |
| MP | 11 | 15S | 13E | 6 | 38 | EL DORADO ACRES |
| MP | 11 | 15S | 13E | 9 | 97 | MISSION MANOR NO. 4 |
| MP | 11 | 15S | 13E | 9 | 125 | AMENDED MAP OF MISSION MANOR NO. 5 |
| MP | 11 | 15S | 13E | 10 | 7 | AMENDED MAP OF MISSION MANOR NO. 6 |
| MP | 11 | 15S | 13E | 10 | 20 | MISSION MANOR NO. 7 |
| MP | 11 | 15S | 13E | 10 | 27 | MISSION MANOR NO. 8 |
| MP | 11 | 15S | 13E | 11 | 34 | VERANO VISTA |
| MP | 11 | 15S | 13E | 20 | 90 | KING-WHEELER CENTER |
| MP | 11 | 15S | 13E | 24 | 15 | SANTA CRUZ INDUSTRIAL PARK |
| MP | 11 | 15S | 13E | 35 | 63 | CASAS DE SANTA MARIA |
| RS | 11 | 15S | 13E | 8 | 47 | RECORD OF SURVEY |
| RS | 11 | 15S | 13E | 19 | 54 | RECORD OF SURVEY |
| RS | 11 | 15S | 13E | 23 | 72 | RECORD OF SURVEY |
| RS | 11 | 15S | 13E | 32 | 98 | RECORD OF SURVEY |
| RS | 11 | 15S | 13E | 70 | 99 | RECORD OF SURVEY |
| MP | 14 | 15S | 13E | 8 | 98 | MANN ADDITION |
| MP | 14 | 15S | 13E | 9 | 84 | MISSION MANOR |
| MP | 14 | 15S | 13E | 9 | 89 | MISSION MANOR NO. 2 |
| MP | 14 | 15S | 13E | 9 | 118 | MISSION MANOR NO. 3 |
| MP | 14 | 15S | 13E | 14 | 33 | RITA MANOR |
| MP | 14 | 15S | 13E | 18 | 89 | SAN XAVIER INDUSTRIAL PARK |
| MP | 14 | 15S | 13E | 22 | 3 | LOS REALES HEIGHTS |
| MP | 14 | 15S | 13E | 24 | 9 | LOS REALES HEIGHTS NO. 2 |
| MP | 14 | 15S | 13E | 35 | 9 | OLD MISSION VIEW |
| MP | 14 | 15S | 13E | 50 | 59 | LOS SANTOS REALES |
| MP | 14 | 15S | 13E | 58 | 63 | HIGH SIERRA ESTATES |
| RS | 14 | 15S | 13E | 13 | 56 | MONUMENT REPLACEMENT SURVEY |
| RS | 14 | 15S | 13E | 17 | 30 | RECORD OF SURVEY |
| RS | 14 | 15S | 13E | 23 | 10 | RECORD OF SURVEY |
| RS | 14 | 15S | 13E | 25 | 11 | RECORD OF SURVEY |
| RS | 14 | 15S | 13E | 35 | 20 | RECORD OF SURVEY |
| MS | 14 | 15S | 13E | 0 | 599 | SURVEY MAP |
| MS | 14 | 15S | 13E | 0 | 598 | SURVEY MAP |
| MS | 14 | 15S | 13E | 0 | 134 | SURVEY MAP |
| MS | 14 | 15S | 13E | 0 | 37 | BOUNDARY SURVEY |
| MS | 14 | 15S | 13E | 0 | 35 | SURVEY MAP |
| MS | 14 | 15S | 13E | 0 | 16 | SURVEY MAP |
| MS | 14 | 15S | 13E | 0 | 17 | SURVEY MAP |
| COT | 14 | 15S | 13E | 910 | 69 | C.O.T. FIELD NOTES BOOK 910 PAGE 69 |
| COT | 14 | 15S | 13E | 1187 | 66 | C.O.T. FIELD NOTES BOOK 1187 PAGES 66-67 |
| MP | 15 | 15S | 13E | 31 | 56 | AMENDED PLAT OF MIDVALE PARK COMMERCE CENTER |
| RS | 23 | 15S | 13E | 24 | 53 | RECORD OF SURVEY |
| | 23 | 15S | 13E | | | FARM BOUNDARY/ALLOTMENT CORNER SURVEY |
| | 27 | 15S | 13E | | | PLAT OF SURVEY |

019r057-rs22.dgn

| CHANGE ORDER REVISIONS | | | | DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:50:21 -0700' (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
|------------------------|------|----|--------------------------|-------------|----------------|--|----------------------|--|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS | SURVEY | June 2011 | HIGHWAY NAME: | NOGALES - TUCSON | |
| | | | | DRAWN/DATE | J. Haws/May 11 | FEDERAL AID NO.: | UNASSIGNED | |
| | | | | ADOT REVIEW | S. Parker | PROJECT NO.: | 019 PM 057 H5105 01R | |

RESULTS OF SURVEY

| I-10 EXISTING R/W LINE | | | | | |
|---|------------|-----------|------------|------------|-----------|
| THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN. | | | | | |
| LEFT SIDE | | | RIGHT SIDE | | |
| PT. | STATION | OFFSET | PT. | STATION | OFFSET |
| 646 | Note 1 | --- | 645 | Note 1 | --- |
| 391 | 237+11.68 | 307.10 LT | 354 | 234+04.41 | 118.00 RT |
| 392 | 237+01.13 | 344.12 LT | 355 | 238+23.21 | 118.00 RT |
| 393 | 237+38.26 | 354.71 LT | 356 | 238+72.21 | 244.82 RT |
| 921 | 240+09.33 | 354.76 LT | 357 | 239+12.59 | 354.84 RT |
| 394 | 244+47.26 | 354.84 LT | 358 | 239+16.10 | 353.58 RT |
| 395 | 244+68.00 | 282.10 LT | 359 | 239+81.08 | 533.99 RT |
| 396 | 244+68.00 | 275.39 LT | 923 | 240+02.80 | 525.65 RT |
| 397 | 250+07.41 | 275.49 LT | 360 | 240+22.48 | 518.10 RT |
| 398 | 250+57.42 | 262.65 LT | 361 | 240+32.12 | 514.40 RT |
| 399 | 250+68.59 | 252.72 LT | 922 | 240+03.44 | 439.67 RT |
| 400 | 256+62.97 | 322.88 LT | 362 | 239+91.36 | 408.21 RT |
| 401 | 258+77.68 | 319.81 LT | 3397 | 239+86.90 | 409.94 RT |
| 402 | 265+26.83 | 283.43 LT | 3398 | 239+50.90 | 316.83 RT |
| 912- | Radius Pt. | --- | 364 | 239+65.54 | 311.15 RT |
| 403 | 265+69.06 | 323.15 LT | 363 | 238+85.77 | 132.07 RT |
| 404 | 265+69.15 | 338.21 LT | 925+ | Radius Pt. | --- |
| 916 | 266+54.15 | 337.75 LT | 365 | 238+94.90 | 118.00 RT |
| 406 | 267+29.15 | 337.34 LT | 920 | 240+05.82 | 118.00 RT |
| 911- | Radius Pt. | --- | 366 | 240+88.90 | 118.00 RT |
| 407 | 267+79.38 | 287.06 LT | 648 | 241+02.34 | 258.06 RT |
| 408 | 269+84.75 | 288.02 LT | 647 | 241+31.34 | 246.81 RT |
| 409 | 277+68.98 | 254.73 LT | 367 | 241+19.60 | 124.53 RT |
| 410 | 278+26.69 | 239.74 LT | 368 | 242+87.24 | 118.00 RT |
| (7) 414 | 278+87.85 | 239.16 LT | 369 | 244+04.29 | 144.76 RT |
| 910- | Radius Pt. | --- | 370 | 243+88.48 | 159.76 RT |
| (7) 415 | 279+13.09 | 263.95 LT | 371 | 247+78.95 | 159.67 RT |
| (7) 416 | 279+86.13 | 293.86 LT | 372 | 247+78.95 | 144.67 RT |
| (7) 417 | 279+73.34 | 293.35 LT | 373 | 251+22.84 | 144.59 RT |
| 924- | Radius Pt. | --- | 374 | 252+19.24 | 156.47 RT |
| (7) 418 | 279+98.84 | 268.14 LT | 375 | 252+42.84 | 338.18 RT |
| 423 | 284+46.98 | 255.13 LT | 376 | 252+92.84 | 338.17 RT |
| 424 | 284+95.64 | 632.56 LT | 377 | 252+92.81 | 169.54 RT |
| 1114 | 294+71.94 | 415.89 LT | 915+ | Radius Pt. | --- |
| 2433 | 295+56.92 | 384.49 LT | 378 | 253+17.80 | 144.54 RT |
| 660 | 295+31.34 | 323.97 LT | 379 | 255+48.02 | 144.49 RT |
| (2) 660 | 14+93.26 | 503.71 LT | 914+ | Radius Pt. | --- |
| (2) 661 | 15+61.27 | 515.72 LT | 380 | 255+73.03 | 169.49 RT |
| (2) 662 | 17+06.89 | 526.27 LT | 381 | 255+73.03 | 185.67 RT |
| (2) 663 | 18+69.61 | 516.70 LT | 382 | 256+38.73 | 185.66 RT |
| (2) 2071 | 19+36.40 | 542.55 LT | 913+ | Radius Pt. | --- |
| (2) 664 | 21+61.68 | 629.75 LT | 383 | 256+58.88 | 165.65 RT |
| 664 | 302+09.87 | 248.09 LT | 384 | 259+53.07 | 167.79 RT |
| 426 | 304+10.85 | 368.01 LT | 385 | 262+02.65 | 202.42 RT |
| 427 | 304+48.79 | 413.26 LT | 386 | 262+07.32 | 168.74 RT |
| 2169- | Radius Pt. | --- | 917 | 266+51.03 | 230.30 RT |
| 472 | 310+75.99 | 605.53 LT | 387 | 267+63.01 | 245.84 RT |
| 428 | 310+68.34 | 584.69 LT | 919+ | Radius Pt. | --- |
| 429 | 312+16.15 | 530.35 LT | 388 | 267+44.94 | 210.21 RT |
| 430 | 312+71.70 | 536.57 LT | 918+ | Radius Pt. | --- |
| 431 | 312+97.37 | 548.43 LT | 389 | 268+24.94 | 141.21 RT |
| 432 | 314+35.80 | 497.55 LT | 390 | 275+95.89 | 148.56 RT |
| 1993 | 315+07.64 | 519.08 LT | 411 | 280+27.35 | 145.56 RT |
| 433 | 316+46.03 | 468.19 LT | (7) 411 | 280+28.55 | 145.11 RT |
| 434 | 316+52.72 | 428.44 LT | (7) 412 | 280+82.90 | 151.41 RT |
| 435 | 317+87.66 | 368.16 LT | (7) 413 | 281+64.52 | 139.34 RT |
| 436 | 319+82.41 | 296.57 LT | 419 | 285+33.87 | 147.72 RT |
| 437 | 319+80.47 | 233.35 LT | 420 | 287+85.43 | 182.33 RT |
| 438 | 320+40.52 | 179.31 LT | 421 | 289+88.81 | 229.26 RT |
| 439 | 321+08.55 | 154.30 LT | 422 | 291+52.28 | 265.40 RT |
| 440 | 320+97.23 | 123.50 LT | 2132 | 291+29.01 | 346.61 RT |
| 2072 | 321+51.93 | 123.50 LT | 2133 | 291+94.40 | 369.19 RT |
| (8) 2072 | 317+93.59 | 76.50 LT | 2208 | 292+59.18 | 392.98 RT |
| (8) 481 | 319+64.43 | 76.50 LT | 665 | 292+75.84 | 340.72 RT |
| (8) 482 | 319+82.53 | 125.73 LT | (2) 665 | 14+31.83 | 207.85 RT |
| (8) 483 | 321+16.25 | 76.50 LT | (2) 666 | 22+47.83 | 255.82 RT |
| (8) 484 | 321+93.09 | 76.50 LT | (2) 667 | 22+19.27 | 725.95 RT |
| (8) 485 | 322+01.78 | 97.66 LT | (2) 668 | 27+19.09 | 731.17 RT |
| (8) 486 | 322+54.78 | 76.50 LT | (2) 669 | 27+24.43 | 813.13 RT |
| (8) 596 | 323+19.21 | 76.50 LT | (2) 670 | 31+41.14 | 775.74 RT |

| I-10 EXISTING R/W LINE | | | | | |
|---|------------|-----------|------------|------------|-----------|
| THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN. | | | | | |
| LEFT SIDE | | | RIGHT SIDE | | |
| PT. | STATION | OFFSET | PT. | STATION | OFFSET |
| (8) 3284- | Radius Pt. | --- | (2) 671 | 35+36.67 | 875.89 RT |
| (8) 598 | 324+41.95 | 76.50 LT | (2) 672 | 43+46.86 | 616.72 RT |
| (8) 597 | 323+81.39 | 106.49 LT | (6) 2411 | 320+84.47 | 705.46 RT |
| (8) 599 | 324+15.73 | 168.82 LT | (6) 2070 | 320+79.81 | 671.67 RT |
| (8) 600 | 325+64.11 | 102.45 LT | (6) 2069 | 321+29.21 | 527.29 RT |
| (8) 657 | 326+06.53 | 76.50 LT | (6) 2068 | 320+86.48 | 509.57 RT |
| 3284- | Radius Pt. | --- | (6) 518 | 322+48.29 | 76.50 RT |
| (8) 3394 | 332+42.24 | 76.50 LT | (6) 3382 | 323+03.61 | 76.50 RT |
| (8) 441 | 334+53.76 | 76.50 LT | (6) 3377- | Radius Pt. | --- |
| (10) 442 | 334+60.41 | 96.50 LT | (6) 590 | 327+16.96 | 76.50 RT |
| (10) 443 | 336+10.34 | 96.50 LT | (6) 591 | 327+87.78 | 135.26 RT |
| (10) 444 | 337+87.06 | 99.52 LT | (6) 592 | 328+33.37 | 169.91 RT |
| (1) 444 | 341+61.40 | 86.97 LT | (6) 593 | 328+84.14 | 212.41 RT |
| (1) 523 | 347+41.02 | 121.58 LT | (6) 655 | 329+27.44 | 161.01 RT |
| (1) 524 | 347+65.15 | 102.64 LT | (6) 594 | 329+20.70 | 154.14 RT |
| (10) 524 | 343+93.96 | 187.99 LT | (6) 595 | 328+83.21 | 109.08 RT |
| (10) 2073 | 346+72.08 | 251.85 LT | (6) 656 | 329+11.67 | 76.50 RT |
| (10) 445 | 348+08.28 | 272.70 LT | (6) 3377- | Radius Pt. | --- |
| (4) 445 | 55+92.00 | 83.88 RT | (6) 517 | 331+48.77 | 76.50 RT |
| (4) 487 | 55+50.16 | 50.00 RT | 516 | 332+00.01 | 138.98 RT |
| (4) 602 | 55+05.60 | 50.00 RT | 515 | 332+75.54 | 76.50 RT |
| (4) 603 | 55+05.60 | 40.00 RT | 514 | 333+30.03 | 76.50 RT |
| (4) 3395 | 55+05.60 | 51.19 LT | 513 | 333+45.28 | 96.50 RT |
| (4) 446 | 55+87.25 | 59.51 LT | 527 | 343+57.28 | 204.36 RT |
| (4) 447 | 56+02.17 | 75.95 LT | 526 | 343+86.13 | 194.00 RT |
| (10) 447 | 349+69.47 | 285.96 LT | 525 | 344+79.01 | 232.55 RT |
| (10) 448 | 351+38.72 | 314.71 LT | 2170 | 347+69.51 | 184.45 RT |
| 2483- | Radius Pt. | --- | 494 | 347+92.37 | 182.16 RT |
| (10) 449 | 351+70.18 | 290.26 LT | 495 | 348+04.02 | 261.22 RT |
| (10) 450 | 353+24.96 | 251.38 LT | 496 | 349+92.37 | 233.34 RT |
| (10) 451 | 354+20.32 | 217.14 LT | 3335 | 350+60.98 | 222.96 RT |
| (10) 452 | 356+18.14 | 108.89 LT | 497 | 350+53.88 | 158.73 RT |
| (11) 455 | 19+21.31 | 125.00 LT | 498 | 352+64.60 | 120.87 RT |
| (1) 455 | 366+72.71 | 100.61 LT | 499 | 355+75.66 | 99.29 RT |
| (1) 456 | 368+19.60 | 138.11 LT | (11) 500 | 16+94.75 | 125.00 RT |
| (1) 457 | 368+04.06 | 175.59 LT | (3) 501 | 367+22.09 | 128.49 RT |
| (11) 457 | 20+52.66 | 200.00 LT | (3) 2416 | 367+30.27 | 154.74 RT |
| (11) 459 | 22+16.39 | 200.00 LT | (3) 2074 | 370+16.18 | 231.72 RT |
| (1) 459 | 369+67.80 | 175.57 LT | (3) 958 | 370+84.66 | 250.16 RT |
| (1) 473 | 373+51.27 | 273.19 LT | (3) 502 | 371+69.47 | 224.22 RT |
| (1) 2417 | 374+13.00 | 192.55 LT | (3) 528 | 374+37.52 | 282.51 RT |
| (1) 2418 | 374+24.68 | 155.00 LT | (3) 529 | 375+66.89 | 242.28 RT |
| (1) 2419 | 375+45.11 | 155.00 LT | (3) 530 | 375+81.37 | 153.32 RT |
| (1) 462 | 375+34.01 | 190.72 LT | (3) 531 | 376+80.85 | 153.32 RT |
| (1) 463 | 379+14.86 | 189.89 LT | (3) 520 | 377+03.49 | 226.11 RT |
| (1) 464 | 379+14.83 | 174.89 LT | (3) 519 | 377+22.59 | 220.17 RT |
| 2432+ | Radius Pt. | --- | (3) 503 | 377+08.39 | 174.53 RT |
| (1) 465 | 383+85.95 | 173.85 LT | (11) 503 | 29+11.79 | 174.53 RT |
| (1) 466 | 388+56.30 | 368.66 LT | (11) 511 | 29+78.09 | 200.00 RT |
| (1) 480 | 388+80.88 | 434.50 LT | (11) 2651 | 40+53.54 | 287.93 RT |
| (1) 479 | 389+24.12 | 454.66 LT | (11) 609 | 39+48.99 | 150.00 RT |
| (9) 479 | 76+92.81 | 40.00 LT | (11) 610 | 44+52.72 | 147.96 RT |
| (9) 2085 | 84+60.28 | 40.00 LT | (9) 610 | 69+94.72 | 50.00 LT |
| (9) 606 | 84+60.28 | 40.00 RT | (9) 617 | 67+55.84 | 50.00 LT |
| (9) 605 | 84+12.77 | 87.50 RT | (9) 618 | 67+59.51 | 40.00 LT |
| (9) 604 | 81+11.05 | 87.50 RT | (9) 619 | 65+81.71 | 40.00 LT |
| (9) 489 | 77+99.29 | 120.00 RT | (9) 3406 | 63+56.42 | 50.00 LT |
| (9) 467 | 76+71.47 | 120.00 RT | (9) 3420 | 59+66.00 | 50.00 LT |
| (1) 467 | 390+69.47 | 502.28 LT | (9) 3421 | 59+47.14 | 90.29 LT |
| (1) 468 | 394+47.06 | 705.23 LT | (9) 3422 | 58+99.61 | 50.00 LT |
| (1) 2076 | 394+89.74 | 697.26 LT | (9) 3423 | 58+30.10 | 0.00 RT |

| I-10 EXISTING R/W LINE | | | | | |
|---|-----------|-----------|------------|--------------|-----------|
| THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN. | | | | | |
| LEFT SIDE | | | RIGHT SIDE | | |
| PT. | STATION | OFFSET | PT. | STATION | OFFSET |
| (1) 469 | 397+74.56 | 651.08 LT | (9) 3424 | 57+46.69 | 60.00 RT |
| (1) 470 | 400+98.49 | 319.06 LT | (9) 3425 | 57+32.19 | 72.29 RT |
| (5) 471 | 57+51.35 | 150.00 LT | (9) 3426 | 60+07.60 | 106.00 RT |
| (5) 628 | 58+95.44 | 150.00 LT | (9) 3427 | 61+07.60 | 106.00 RT |
| | | | (9) 3428 | 61+34.40 | 137.53 RT |
| | | | (9) 3429 | 62+49.52 | 40.00 RT |
| | | | (9) 641 | 64+81.57 | 40.00 RT |
| | | | (9) 522 | 63+77.82 | 127.89 RT |
| | | | (9) 506 | 67+85.19 | 127.93 RT |
| | | | (3) 506 | 395+06.98 | 213.92 RT |
| | | | (3) 507 | 395+06.16 | 181.93 RT |
| | | | (11) 508 | 56+79.82 | 150.00 RT |
| | | | EQUA | 56+79.82 BK | --- |
| | | | | 56+90.75 AHD | --- |
| | | | (5) 508 | 56+90.75 | 150.00 RT |
| | | | (5) 611 | 60+94.83 | 150.00 RT |

STATIONS AND OFFSETS ARE FROM THE I-10 EB CENTERLINE UNLESS OTHERWISE NOTED

(1) STATIONS AND OFFSETS ARE FROM THE WB 2011 SURVEY CENTERLINE
 (2) STATIONS AND OFFSETS ARE FROM THE 2011 SURVEY RAMP CENTERLINE
 (3) STATIONS AND OFFSETS ARE FROM THE EB 2011 SURVEY CENTERLINE
 (4) STATIONS AND OFFSETS ARE FROM THE 6TH AVENUE CENTERLINE
 (5) STATIONS AND OFFSETS ARE FROM THE EB EXIST R/W CENTERLINE
 (6) STATIONS AND OFFSETS ARE FROM THE I-10 EB 1949 CENTERLINE
 (7) STATIONS AND OFFSETS ARE FROM THE I-10 EB CENTERLINE SPIRAL TANGENT (POST)
 (8) STATIONS AND OFFSETS ARE FROM THE I-10 WB 1949 CENTERLINE
 (9) STATIONS AND OFFSETS ARE FROM THE PARK AVENUE CENTERLINE
 (10) STATIONS AND OFFSETS ARE FROM THE I-10 WB CENTERLINE
 (11) STATIONS AND OFFSETS ARE FROM THE I-10 MEDIAN CENTERLINE

+ = RIGHT CURVE
 - = LEFT CURVE

Note 1: POINT FALLS OUTSIDE DEFINED CENTERLINE

| 30' ACCESS ROAD EXISTING R/W LINE | | | | | |
|---|------------|-----------|------------|---------|--------|
| THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN. | | | | | |
| LEFT SIDE | | | RIGHT SIDE | | |
| PT. | STATION | OFFSET | PT. | STATION | OFFSET |
| 3413 | 311+38.07 | 600.49 LT | | | |
| 3414 | 311+52.75 | 640.44 LT | | | |
| 2169- | Radius Pt. | --- | | | |
| 3415 | 312+79.50 | 704.25 LT | | | |
| 3409 | 313+17.04 | 690.45 LT | | | |

RESULTS OF SURVEY

I-19 EXISTING R/W LINE

THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN.

| LEFT SIDE | | | RIGHT SIDE | | |
|-----------|----------------|-----------|------------|----------------|-----------|
| PT. | STATION | OFFSET | PT. | STATION | OFFSET |
| 678 | 2986+31.39 | 150.00 LT | 677 | 2986+31.39 | 150.00 RT |
| 553+ | Radius Pt. | --- | 553+ | Radius Pt. | --- |
| 679 | 3000+18.30 | 150.00 LT | 680 | 3008+36.68 | 150.00 RT |
| (6) 679 | 4+88.02 | 35.00 LT | 681 | 3013+00.11 | 180.00 RT |
| 928- | Radius Pt. | --- | 682 | 3016+31.20 | 150.00 RT |
| (6) 1557 | 9+50.58 | 35.00 LT | (3) 682 | 104+98.18 | 75.00 LT |
| (6) 929 | 9+50.58 | 100.00 LT | 886- | Radius Pt. | --- |
| 928- | Radius Pt. | --- | (3) 940 | 100+29.57 | 75.00 LT |
| (6) 2497 | 10+01.30 | 100.00 LT | (3) 939 | 98+29.57 | 50.00 LT |
| 928- | Radius Pt. | --- | (3) 938 | 95+69.17 | 50.00 LT |
| (6) 927 | 12+67.08 | 100.00 LT | (3) 937 | 95+69.17 | 40.00 LT |
| (6) 926 | 14+71.99 | 100.00 LT | (3) 936 | 95+69.17 | 40.00 RT |
| (3) 926 | 118+68.53 | 100.00 LT | (5) 936 | 1+80.39 | 99.58 RT |
| 889+ | Radius Pt. | --- | (5) 1544 | 2+32.07 | 34.00 RT |
| (3) 902 | 120+30.81 | 100.00 LT | (5) 934 | 5+01.69 | 34.00 RT |
| (3) 903 | 120+30.81 | 40.00 LT | 932+ | Radius Pt. | --- |
| (3) 904 | 120+30.81 | 40.00 RT | (5) 685 | 9+45.78 | 34.00 RT |
| (3) 905 | 120+30.81 | 100.00 RT | 685 | 3030+92.06 | 150.00 RT |
| (3) 892 | 118+09.34 | 220.73 RT | 553+ | Radius Pt. | --- |
| (3) 893 | 117+49.56 | 219.74 RT | 2490 | 3035+48.69 | 150.00 RT |
| 2164+ | Radius Pt. | --- | 553+ | Radius Pt. | --- |
| (3) 891 | 115+65.00 | 40.00 RT | 686 | 3043+17.80 | 150.00 RT |
| (3) 894 | 115+00.00 | 40.00 RT | 870 | 3063+13.14 | 150.00 RT |
| (3) 2080 | 115+00.00 | 120.00 RT | 694 | 3074+46.66 | 150.00 RT |
| (3) 896 | 113+80.00 | 120.00 RT | 556- | Radius Pt. | --- |
| (3) 897 | 113+80.00 | 40.00 RT | 871 | 3090+20.86 | 150.00 RT |
| (3) 898 | 113+42.21 | 40.00 RT | 1499 | 3090+36.39 | 245.61 RT |
| (3) 899 | 113+33.86 | 50.00 RT | EQUA | 3098+59.97 BK | --- |
| (3) 895 | 109+74.02 | 50.00 RT | EQUA | 3098+67.72 AHD | --- |
| (4) 895 | Note 1 | --- | 696 | 3104+52.19 | 123.48 RT |
| 933+ | Radius Pt. | --- | 697 | 3104+52.48 | 135.94 RT |
| (4) 683 | 3+12.64 | 96.80 LT | 2218+ | Radius Pt. | --- |
| 933+ | Radius Pt. | --- | 698 | 3105+21.37 | 142.12 RT |
| (4) 1515 | 7+30.60 | 75.00 LT | 699 | 3105+22.98 | 126.27 RT |
| (4) 693 | 16+02.64 | 75.00 LT | 2217+ | Radius Pt. | --- |
| 693 | 3028+73.11 | 200.00 LT | 700 | 3106+57.75 | 134.98 RT |
| 553+ | Radius Pt. | --- | 701 | 3106+57.34 | 141.47 RT |
| 2489 | 3034+57.53 | 200.00 LT | 702 | 3110+36.16 | 170.31 RT |
| 553+ | Radius Pt. | --- | 703 | 3111+73.29 | 198.52 RT |
| 687 | 3043+17.80 | 200.00 LT | 704 | 3115+62.74 | 229.61 RT |
| 869 | 3062+04.86 | 200.00 LT | 866+ | Radius Pt. | --- |
| 868 | 3062+20.26 | 150.00 LT | 814 | 3116+13.36 | 284.43 RT |
| 689 | 3063+50.00 | 150.00 LT | (2) 814 | 35+66.04 | 81.17 RT |
| 690 | 3063+50.00 | 204.00 LT | (2) 815 | 37+61.24 | 77.21 RT |
| 691 | 3074+46.66 | 204.00 LT | (2) 816 | 38+96.85 | 77.21 RT |
| 556- | Radius Pt. | --- | (2) 817 | 39+03.31 | 77.08 RT |
| 872 | 3089+61.01 | 204.00 LT | (2) 818 | 40+29.52 | 69.35 RT |
| 556- | Radius Pt. | --- | (2) 820 | 42+78.47 | 64.56 RT |
| 791 | 3098+59.97 | 204.00 LT | (2) 821 | 43+27.65 | 62.22 RT |
| EQUA | 3098+59.97 BK | --- | (2) 822 | 44+69.30 | 57.25 RT |
| (9) 791 | 3098+67.72 AHD | --- | (2) 823 | 45+45.92 | 55.71 RT |
| 810- | Radius Pt. | --- | (2) 824 | 46+34.30 | 55.71 RT |
| (9) 804 | 17+65.72 | 0.00 RT | (2) 853 | 46+51.12 | 55.83 RT |
| 802- | Radius Pt. | --- | (2) 2139 | 46+51.03 | 6.18 RT |
| (9) 805 | 12+34.96 | 0.00 RT | (2) 2223 | 46+50.83 | 93.28 LT |
| (9) 806 | 6+99.94 | 0.00 RT | (2) 861 | 46+39.07 | 93.25 LT |
| 801- | Radius Pt. | --- | 860+ | Radius Pt. | --- |
| (9) 807 | 4+66.62 | 0.00 RT | (2) 859 | 46+13.94 | 68.66 LT |
| (2) 807 | 23+68.93 | 194.12 RT | (2) 826 | 45+16.00 | 67.38 LT |
| (2) 808 | 19+64.18 | 182.38 RT | (2) 825 | 42+59.00 | 114.00 LT |
| (2) 793 | 19+64.34 | 94.38 RT | (2) 819 | 39+58.63 | 129.00 LT |
| (2) 792 | 15+70.59 | 107.01 RT | 819 | 3118+10.23 | 684.99 RT |
| (2) 2241 | 15+69.16 | 86.67 RT | 1365 | 3119+74.04 | 531.03 RT |
| (2) 2409 | 15+70.46 | 6.68 RT | 2357 | 3123+05.53 | 324.70 RT |
| (2) 2230 | 15+72.09 | 93.31 LT | 831 | 3126+34.41 | 163.69 RT |
| (2) 2233 | 19+72.19 | 90.61 LT | EQUA | 3126+39.22 BK | --- |
| (2) 2238 | 20+56.31 | 104.91 LT | EQUA | 3126+32.90 AHD | --- |
| 2239- | Radius Pt. | --- | 709 | 3129+57.65 | 130.24 RT |
| (2) 811 | 20+68.21 | 75.99 LT | 2206 | 3142+77.47 | 130.44 RT |
| (2) 812 | 22+96.00 | 83.00 LT | 2209 | 3169+60.84 | 130.02 RT |
| (2) 813 | 28+15.00 | 143.00 LT | 3198 | 3169+61.19 | 150.02 RT |
| | | | 761 | 3171+12.70 | 149.99 RT |

I-19 EXISTING R/W LINE

THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN.

| LEFT SIDE | | | RIGHT SIDE | | |
|-----------|----------------|-----------|------------|----------------|-----------|
| PT. | STATION | OFFSET | PT. | STATION | OFFSET |
| (2) 705 | 29+92.60 | 157.16 LT | 762+ | Radius Pt. | --- |
| 705 | 3118+48.41 | 291.00 LT | 1369 | 3192+83.53 | 150.63 RT |
| 706 | 3121+10.00 | 263.00 LT | 2329 | 3195+00.40 | 245.27 RT |
| 707 | 3124+44.42 | 166.72 LT | 880 | 3196+67.31 | 228.69 RT |
| 708 | 3126+39.22 | 150.00 LT | 734 | 3204+59.11 | 150.00 RT |
| EQUA | 3126+39.22 BK | --- | 735 | 3206+00.00 | 150.00 RT |
| | 3126+32.90 AHD | --- | 736 | 3212+31.33 | 197.82 RT |
| 878 | 3142+76.75 | 150.00 LT | 737 | 3214+05.40 | 256.55 RT |
| 3197 | 3169+56.38 | 150.00 LT | 738 | 3215+79.64 | 353.06 RT |
| 716 | 3171+23.84 | 150.00 LT | 739 | 3218+00.22 | 531.44 RT |
| 559+ | Radius Pt. | --- | 867- | Radius Pt. | --- |
| 883 | 3193+29.40 | 150.00 LT | 740 | 3221+88.81 | 661.24 RT |
| 766 | 3195+49.36 | 150.00 LT | 741 | 3222+44.18 | 658.68 RT |
| 879 | 3196+24.19 | 185.99 LT | 742 | 3223+05.00 | 733.33 RT |
| 765 | 3197+05.54 | 225.11 LT | 2037 | 3223+09.68 | 851.70 RT |
| 764 | 3197+41.66 | 150.00 LT | 2406 | 3223+67.49 | 849.33 RT |
| 2460 | 3207+34.53 | 150.00 LT | 747 | 3224+25.30 | 847.11 RT |
| 743 | 3211+20.66 | 152.15 LT | 748 | 3224+69.60 | 659.67 RT |
| 744 | 3219+13.43 | 225.50 LT | 749 | 3227+79.12 | 616.81 RT |
| 745 | 3222+09.87 | 294.08 LT | 751 | 3232+81.69 | 281.03 RT |
| 755 | 3222+15.12 | 795.75 LT | 752 | 3234+95.69 | 194.00 RT |
| 2386 | 3222+39.96 | 796.81 LT | 753 | 3236+63.22 | 149.70 RT |
| 2385 | 3222+36.32 | 876.79 LT | 965 | 3249+89.90 | 149.68 RT |
| 2405 | 3223+00.37 | 839.35 LT | 966 | 3249+89.98 | 199.94 RT |
| 756 | 3223+64.20 | 801.74 LT | 967 | 3251+42.71 | 199.94 RT |
| 746 | 3224+73.11 | 304.33 LT | 968 | 3251+42.68 | 127.33 RT |
| 750 | 3227+58.80 | 237.94 LT | 969 | 3252+07.24 | 117.37 RT |
| 754 | 3236+62.25 | 145.30 LT | 970 | 3262+10.45 | 117.37 RT |
| 2310 | 3249+89.45 | 145.32 LT | 971+ | Radius Pt. | --- |
| 983 | 3249+89.47 | 159.98 LT | 972 | 3264+12.38 | 126.19 RT |
| 2381 | 3251+42.56 | 159.98 LT | 973 | 3266+24.69 | 144.76 RT |
| 2165 | 3251+42.57 | 145.31 LT | 974+ | Radius Pt. | --- |
| 984 | 3251+42.58 | 125.00 LT | 975 | 3268+44.14 | 244.52 RT |
| 986 | 3270+31.86 | 125.00 LT | 976- | Radius Pt. | --- |
| 987- | Radius Pt. | --- | 977 | 3271+47.35 | 380.75 RT |
| 988 | 3271+75.31 | 142.61 LT | 978 | 3274+69.19 | 634.43 RT |
| 989- | Radius Pt. | --- | 979+ | Radius Pt. | --- |
| 2049 | 3271+84.66 | 145.19 LT | 980 | 3275+85.95 | 876.56 RT |
| 989- | Radius Pt. | --- | (10) 980 | 20+76.85 | 60.00 RT |
| 990 | 3272+66.03 | 193.94 LT | (10) 981 | 23+74.93 | 60.00 RT |
| 991 | 3273+61.64 | 289.55 LT | (10) 982 | 23+74.93 | 0.00 RT |
| 992- | Radius Pt. | --- | (10) 2042 | 23+74.93 | 50.00 LT |
| 993 | 3275+35.31 | 706.10 LT | (10) 2207 | 16+74.44 | 96.64 LT |
| (10) 993 | 4+94.44 | 118.00 RT | (7) 2207 | 1+50.00 | 60.00 RT |
| (10) 994 | 1+16.57 | 118.00 RT | 2426+ | Radius Pt. | --- |
| (10) 995 | 1+16.57 | 160.00 RT | (7) 2045 | 5+81.50 | 60.00 RT |
| (10) 996 | Note 1 | --- | 2424+ | Radius Pt. | --- |
| (8) 998 | 0+74.25 | 30.02 LT | (7) 2047 | 11+00.47 | 60.00 RT |
| (8) 3081 | 0+85.25 | 32.46 LT | 2047 | 3284+88.39 AHD | 150.00 RT |
| (8) 3080 | 3+27.80 | 30.00 RT | 565+ | Radius Pt. | --- |
| 2007- | Radius Pt. | --- | 2048 | 3304+08.40 | 150.00 RT |
| (8) 3079 | 6+00.67 | 30.00 RT | 565+ | Radius Pt. | --- |
| (8) 3078 | 11+73.44 | 30.00 RT | 2000 | 3315+67.27 | 150.00 RT |
| 2010- | Radius Pt. | --- | 2001 | 3315+92.42 | 129.68 RT |
| (8) 2166 | 15+19.73 | 30.00 RT | 2004 | 3317+78.75 | 146.61 RT |
| 2010- | Radius Pt. | --- | 2005 | 3318+49.59 | 220.14 RT |
| (8) 3077 | 15+63.04 | 30.00 RT | 2006 | 3319+43.40 | 133.70 RT |
| (8) 3076 | 20+66.01 | 30.00 RT | 2002 | 3320+92.89 | 150.00 RT |
| EQUA | 3283+93.01 BK | --- | 565+ | Radius Pt. | --- |
| | 3283+93.10 AHD | --- | 2078 | 3328+32.20 | 150.00 RT |

I-19 EXISTING R/W LINE

THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN.

| LEFT SIDE | | | RIGHT SIDE | | |
|-----------|------------|-----------|------------|------------|-----------|
| PT. | STATION | OFFSET | PT. | STATION | OFFSET |
| 3076 | 3291+90.75 | 123.00 LT | 2411 | 3333+38.90 | 158.94 RT |
| 565+ | Radius Pt. | --- | | | |
| 2041 | 3302+84.16 | 123.00 LT | | | |
| 2040 | 3302+58.95 | 183.00 LT | | | |
| 676 | 3315+69.18 | 432.00 LT | | | |
| (1) 676 | 63+02.78 | 253.16 RT | | | |
| (1) 675 | 60+06.36 | 205.16 RT | | | |
| (1) 674 | 45+97.74 | 413.15 RT | | | |
| (1) 673 | 43+11.58 | 558.97 RT | | | |

STATIONS AND OFFSETS ARE FROM THE 2011 SURVEY CENTERLINE UNLESS OTHERWISE NOTED

- (1) STATIONS AND OFFSETS ARE FROM THE 2011 SURVEY RAMP CENTERLINE
- (2) STATIONS AND OFFSETS ARE FROM THE VALENCIA ROAD CENTERLINE
- (3) STATIONS AND OFFSETS ARE FROM THE SAN XAVIER ROAD CENTERLINE
- (4) STATIONS AND OFFSETS ARE FROM THE RAMP S-1 CENTERLINE
- (5) STATIONS AND OFFSETS ARE FROM THE RAMP S-2 CENTERLINE
- (6) STATIONS AND OFFSETS ARE FROM THE RAMP S-4 CENTERLINE
- (7) STATIONS AND OFFSETS ARE FROM THE RAMP M CENTERLINE
- (8) STATIONS AND OFFSETS ARE FROM THE F-5 CENTERLINE
- (9) STATIONS AND OFFSETS ARE FROM THE F-1 R/W LINE
- (10) STATIONS AND OFFSETS ARE FROM THE AJO WAY EXIST R/W CENTERLINE

+ = RIGHT CURVE
- = LEFT CURVE

Note 1: POINT FALLS OUTSIDE DEFINED CENTERLINE

REVISIONS
DATED 9/29/14
FOR MICHAEL
BAKER JR., INC.
Professional Land
Surveyor AZ No. 21782
Digitally signed by
Scott A. Nelson
Date: 2015.06.22
17:42:54 -0700'
(Expires 9-30-15)
ELECTRONIC SEAL
<http://www.hr.state.az.us/>

| CHANGE ORDER REVISIONS | | | |
|------------------------|---------|-----|-----------------------------------|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS |
| N/A | 9-29-14 | SAN | REVISE STATION AND OFFSET FOR PTS |
| | | | 967 AND 968. REVISE STATION FOR |
| | | | PTS 2381, 2165 AND 984. |

| | | | |
|---|----------------|--|---|
| DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | ORIGINALLY SEALED BY SCOTT A. NELSON R.L.S. NO. 21782 1/30/14 FOR HUBBARD ENGINEERING |
| SURVEY | June 2011 | | |
| DRAWN/DATE | J. Haws/May 11 | HIGHWAY NAME: | NOGALES - TUCSON |
| ADOT REVIEW | S. Parker | FEDERAL AID NO.: | UNASSIGNED |
|  HUBBARD 480-892-3313 ENGINEERING Mesa, AZ <small>scott@hubbardengineering.com • 10210</small> | | PROJECT NO.: | 019 PM 057 H5105 01R |
| ROUTE NO.: | I-19 | LOCATION: | SAN XAVIER RD - JCT I-10 |
| | | | SHEET RS-24 |

RESULTS OF SURVEY

| I-10 EXIST ADOT R/W MONUMENTATION | | | | | |
|-----------------------------------|--------------|--------------|---|-----------|-----------|
| PT. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET |
| 356 | 443040.79413 | 989611.28144 | 3" A. C. WITH PUNCH MARK | 238+72.21 | 244.82 RT |
| 357 | 442998.71137 | 989501.90144 | 3" A. C. STAMPED "ROW" | 239+12.59 | 354.84 RT |
| 358 | 442995.22135 | 989503.21576 | 3" A. C. WITH PUNCH MARK | 239+16.10 | 353.58 RT |
| 363 | 443028.98621 | 989724.22932 | 3" A. C. STAMPED "ROW" | 238+85.77 | 132.07 RT |
| 364 | 442946.44586 | 989546.40801 | 3" A. C. WITH PUNCH MARK | 239+65.54 | 311.15 RT |
| 366 | 442826.09861 | 989741.44942 | 3" A. C. STAMPED "ROW" | 240+88.90 | 118.00 RT |
| 367 | 442795.30095 | 989735.39670 | 3" A. C. STAMPED "ROW" | 241+19.60 | 124.53 RT |
| 368 | 442627.78250 | 989744.52786 | 3" A. C. STAMPED "ROW" | 242+87.24 | 118.00 RT |
| 370 | 442525.90653 | 989704.34424 | 3" A. C. STAMPED "ROW" | 243+88.48 | 159.76 RT |
| 372 | 442135.71778 | 989725.49292 | 3" A. C. WITH PUNCH MARK | 247+78.95 | 144.67 RT |
| 373 | 441791.87045 | 989730.91043 | 3" A. C. STAMPED "ROW" | 251+22.84 | 144.59 RT |
| 374 | 441695.29767 | 989720.52809 | 3" A. C. STAMPED "EL=2380.79 ROW" | 252+19.24 | 156.47 RT |
| 377 | 441621.53360 | 989708.59710 | 3" A. C. WITH PUNCH MARK | 252+92.81 | 169.54 RT |
| 378 | 441596.93014 | 989733.98648 | 3" A. C. STAMPED "ROW" | 253+17.80 | 144.54 RT |
| 381 | 441341.09707 | 989696.82279 | 3" A. C. STAMPED "ROW 255+73.03" | 255+73.03 | 185.67 RT |
| 382 | 441275.40514 | 989697.85252 | 3" A. C. WITH PUNCH MARK | 256+38.73 | 185.66 RT |
| 383 | 441255.57285 | 989718.17282 | 3" A. C. STAMPED "256+58.88" | 256+58.88 | 165.65 RT |
| 384 | 440961.38037 | 989720.59925 | 3" A. C. WITH PUNCH MARK | 259+53.07 | 167.79 RT |
| 386 | 440707.14625 | 989723.59559 | 3" A. C. WITH PUNCH MARK | 262+07.32 | 168.74 RT |
| 388 | 440168.95126 | 989690.47007 | 3" A. C. STAMPED "EL=2364.46" | 267+44.94 | 210.21 RT |
| 389 | 440090.02794 | 989760.70837 | 3" A. C. STAMPED "ROW" | 268+24.94 | 141.21 RT |
| 390 | 439319.05673 | 989765.32519 | 3" A. C. STAMPED "ROW" | 275+95.89 | 148.56 RT |
| 391 | 443209.87115 | 990160.64337 | 3" A. C. STAMPED "EL=2353.53" | 237+11.68 | 307.10 LT |
| 394 | 442475.12074 | 990219.79458 | 3" A. C. WITH PUNCH MARK | 244+47.26 | 354.84 LT |
| 395 | 442453.25423 | 990147.38524 | 3" A. C. WITH PUNCH MARK | 244+68.00 | 282.10 LT |
| 396 | 441913.80662 | 990149.14824 | 3" A. C. STAMPED "ROW EL=2354.52" | 244+68.00 | 275.39 LT |
| 397 | 441863.60335 | 990137.08599 | 3" A. C. WITH PUNCH MARK | 250+07.41 | 275.49 LT |
| 398 | 441852.28057 | 990127.33056 | 3" A. C. WITH PUNCH MARK | 250+57.42 | 262.65 LT |
| 401 | 441044.32934 | 990206.97038 | 3" A. C. STAMPED "ROW" | 258+77.68 | 319.81 LT |
| 402 | 440394.69548 | 990180.67067 | 3" ADOT A. C. | 265+26.83 | 283.43 LT |
| 403 | 440353.07946 | 990221.03918 | 3" A. C. WITH PUNCH MARK | 265+69.06 | 323.15 LT |
| 406 | 440193.23865 | 990237.71011 | 3" A. C. WITH PUNCH MARK | 267+29.15 | 337.34 LT |
| 408 | 439936.89928 | 990192.36708 | 3" A. C. STAMPED "ROW" | 269+84.75 | 288.02 LT |
| (7) 411 | 438886.50239 | 989775.49010 | 3" A. C. WITH PUNCH MARK | 280+28.55 | 145.11 RT |
| (7) 413 | 438750.63833 | 989783.36980 | 3" A. C. WITH PUNCH MARK | 281+64.52 | 139.34 RT |
| (7) 415 | 439008.30049 | 990182.70464 | 3" A. C. WITH PUNCH MARK | 279+13.09 | 263.95 LT |
| (7) 416 | 439008.50999 | 990212.61807 | 3" A. C. WITH PUNCH MARK | 279+13.34 | 293.86 LT |
| 419 | 438363.98415 | 989815.50913 | 3" A. C. STAMPED "EL=2374.42 ROW" | 285+33.87 | 147.72 RT |
| 423 | 438502.79826 | 990203.24167 | 3" ADOT A. C. | 284+46.98 | 255.13 LT |
| (4) 445 | 433390.38019 | 993403.41439 | 3" ADOT A. C. STAMPED "762 351+19.56 PLS19817 2007" | 55+92.00 | 83.88 RT |
| (4) 446 | 433397.40772 | 993546.71537 | 3" AHD B. C. | 55+87.25 | 59.51 LT |
| (4) 447 | 433382.74659 | 993563.38310 | 3" AHD B. C. | 56+02.17 | 75.95 LT |
| (10) 447 | 433382.74659 | 993563.38310 | 3" AHD B. C. | 349+69.47 | 285.96 LT |
| (10) 448 | 433385.46969 | 993743.77660 | 3" AHD B. C. | 351+38.72 | 314.71 LT |
| (10) 449 | 433355.99502 | 993772.50565 | 3" ADOT A. C. STAMPED "1992" | 351+70.18 | 290.26 LT |
| (10) 450 | 433288.92491 | 993925.11513 | 3" AHD B. C. | 353+24.96 | 251.38 LT |
| (10) 451 | 433235.61358 | 994015.56403 | 3" ADOT A. C. STAMPED "1992" | 354+20.32 | 217.14 LT |
| (10) 452 | 433084.53062 | 994189.57046 | A. C. STEM IN CONCRETE | 356+18.14 | 108.89 LT |
| (11) 455 | 432880.44656 | 994882.84569 | 3" ADOT A. C. STAMPED "1992" | 19+21.31 | 125.00 LT |
| (1) 456 | 432874.95838 | 995034.34923 | 3" ADOT A. C. STAMPED "1992" | 368+19.60 | 138.11 LT |
| (11) 459 | 432869.06496 | 995187.09449 | 3" ADOT A. C. STAMPED "1992" | 22+16.39 | 200.00 LT |
| (1) 462 | 432723.78195 | 995734.55247 | 3" ADOT A. C. STAMPED "1992" | 375+34.01 | 190.72 LT |
| (1) 463 | 432615.48557 | 996099.68706 | 3" ADOT A. C. STAMPED "1992" | 379+14.86 | 189.89 LT |
| (1) 464 | 432601.10397 | 996095.42438 | 3" ADOT A. C. STAMPED "1992" | 379+14.83 | 174.89 LT |
| (1) 465 | 432452.32981 | 996552.56068 | 3" ADOT A. C. STAMPED "1992" | 383+85.95 | 173.85 LT |
| (1) 466 | 432457.55276 | 997076.25270 | 3" ADOT A. C. STAMPED "1992" | 388+56.30 | 368.66 LT |
| (4) 467 | 432489.48176 | 997335.92756 | 3" ADOT A. C. STAMPED "1992" | 390+69.47 | 502.28 LT |
| (1) 468 | 432494.02138 | 997791.06218 | 3" ADOT A. C. STAMPED "1992" | 394+47.06 | 705.23 LT |
| (1) 469 | 432276.05612 | 998078.42429 | 3" ADOT A. C. STAMPED "1992" | 397+74.56 | 651.08 LT |
| (1) 470 | 431814.10425 | 998202.80340 | 3" ADOT A. C. STAMPED "1992" | 400+98.49 | 319.06 LT |
| (1) 473 | 432854.48051 | 995582.52880 | 3" ADOT A. C. STAMPED "1992" | 373+51.27 | 273.19 LT |
| (4) 479 | 432508.55380 | 997175.64061 | 3" ADOT A. C. STAMPED "1992" | 389+24.12 | 454.66 LT |
| (1) 480 | 432508.05506 | 997125.75561 | 3" ADOT A. C. STAMPED "1992" | 388+80.88 | 434.50 LT |
| (4) 487 | 433432.75321 | 993436.62534 | 3" ADOT A. C. STAMPED "761 351+42.18 PLS19817 2007" | 55+50.16 | 50.00 RT |
| (4) 488 | 433588.54590 | 993524.16110 | 3" ADOT A. C. STAMPED "20 53+95.61 PLS 19817 2007" | 53+95.78 | 40.00 LT |

| I-10 EXIST ADOT R/W MONUMENTATION | | | | | |
|-----------------------------------|--------------|--------------|--|-----------|-----------|
| PT. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET |
| 498 | 432901.61917 | 993773.59330 | 3" ADOT A. C. STAMPED "1992" | 352+64.60 | 120.87 RT |
| 499 | 432857.47609 | 994075.59183 | 3" ADOT A. C. STAMPED "1992" | 355+75.66 | 99.29 RT |
| (11) 500 | 432704.60167 | 994594.90749 | 3" ADOT A. C. STAMPED "1992" | 16+94.75 | 125.00 RT |
| (3) 502 | 432393.41476 | 995210.19103 | 3" ADOT A. C. STAMPED "1992" | 371+69.47 | 224.22 RT |
| 513 | 433625.32101 | 991987.97000 | 3" ADOT A. C. STAMPED "1992" | 333+45.28 | 76.50 RT |
| 518 | 434498.66846 | 991279.33498 | 3" ADOT A. C. | 322+48.29 | 76.50 RT |
| (9) 522 | 431195.74650 | 997359.62318 | 3" ADOT A. C. STAMPED "1992" | 63+77.86 | 127.89 RT |
| 526 | 432989.18337 | 992873.18567 | 3" AHD B. C. | 343+86.13 | 194.00 RT |
| 527 | 432989.23992 | 992839.68580 | CONCRETE REMAINS OF AHD MONUMENT | 343+57.28 | 204.36 RT |
| (3) 528 | 432261.83594 | 995450.88610 | 3" ADOT A. C. STAMPED "1992" | 374+37.52 | 282.51 RT |
| (4) 602 | 433477.30758 | 993435.91736 | PK NAIL WITH TAG STAMPED "PLS 19817" | 55+05.60 | 50.00 RT |
| (4) 603 | 433477.46647 | 993445.91610 | CHISELED "X" IN CONCRETE | 55+05.60 | 40.00 RT |
| (2) 660 | 437541.03209 | 990532.50504 | 3" ADOT A. C. STAMPED "501 14+93.25 LS18222 2008" | 14+93.26 | 503.71 LT |
| (2) 661 | 437474.01401 | 990549.19790 | 3" ADOT A. C. STAMPED "226 15+61.27 LS18222 2008" | 15+61.27 | 515.72 LT |
| (2) 662 | 437329.47506 | 990569.81292 | 3" ADOT A. C. STAMPED "223 17+06.89 LS18222 2008" | 17+06.89 | 526.27 LT |
| (2) 663 | 437166.48304 | 990571.54121 | 3" ADOT A. C. STAMPED "4025 18+69.61 LS18222 2008" | 18+69.61 | 516.70 LT |
| (2) 664 | 436882.94859 | 990704.55775 | 3" ADOT A. C. STAMPED "424 21+61.68 LS18222 2008" | 21+61.68 | 629.75 LT |
| (2) 665 | 437553.00874 | 989818.39782 | 3" ADOT A. C. STAMPED "4009 14+31.83 LS18222 2008" | 14+31.83 | 207.85 RT |
| (2) 670 | 435980.91907 | 989283.18748 | 3" ADOT A. C. STAMPED "1063 31+41.14 LS18222 2008" | 31+41.14 | 775.74 RT |
| (2) 1005 | 436739.52205 | 989827.10495 | 3" ADOT A. C. STAMPED "60064 RM 4.00 LS18222 2008" | 22+43.96 | 255.53 RT |
| (2) 1006 | 436735.47694 | 989823.09448 | 3" ADOT A. C. STAMPED "60064 RM 4.00 LS18222 2008" | 22+47.72 | 259.81 RT |
| 1012 | 435767.42455 | 991423.55440 | 3" AHD B. C. | 315+09.23 | 518.29 LT |
| (1) 1014 | 433405.87966 | 993019.75458 | 3" ADOT A. C. STAMPED "1992" | 347+41.16 | 122.07 LT |
| (1) 1015 | 433386.38096 | 993019.77429 | 3" ADOT A. C. STAMPED "1992" | 347+45.97 | 103.16 LT |
| 1018 | 436197.57671 | 991327.29366 | 3" AHD B. C. | 310+73.21 | 583.01 LT |
| 1031 | 443091.56110 | 989737.22406 | 3" A. C. STAMPED "ROW" | 238+23.40 | 118.10 RT |
| 1035 | 443019.89659 | 989738.30763 | 3" A. C. WITH PUNCH MARK | 238+95.08 | 118.13 RT |
| 1037 | 443220.89422 | 990197.33913 | 3" A. C. STAMPED "ROW" | 237+01.23 | 343.96 LT |
| 1043 | 442510.22423 | 989719.71342 | 3" A. C. STAMPED "EL=2356.67 ROW" | 244+04.40 | 144.64 RT |
| 1045 | 442135.63580 | 989710.58145 | 3" A. C. WITH PUNCH MARK | 247+78.80 | 159.58 RT |
| 1049 | 441618.56588 | 989540.14245 | 3" A. C. WITH PUNCH MARK | 252+93.16 | 338.02 RT |
| 1057 | 440150.41802 | 989655.30922 | 3" A. C. WITH PUNCH MARK | 267+62.92 | 245.66 RT |
| 1069 | 440353.15733 | 990235.88197 | 3" A. C. WITH PUNCH MARK | 265+69.22 | 337.99 LT |
| 1071 | 440142.09219 | 990187.96691 | 3" A. C. STAMPED "ROW" | 267+79.51 | 286.81 LT |
| 1074 | 443969.83443 | 990148.23907 | 3" A. C. WITH PUNCH MARK | Note 1 | --- |
| (7) 1076 | 438832.12080 | 989770.22877 | 3" A. C. WITH PUNCH MARK | 280+82.84 | 151.21 RT |
| (7) 1078 | 439033.34196 | 990157.48037 | 3" A. C. WITH PUNCH MARK | 278+87.66 | 239.11 LT |
| (7) 1081 | 438948.68277 | 990212.98801 | 3" A. C. WITH PUNCH MARK | 279+73.17 | 293.30 LT |
| (7) 1082 | 438922.79633 | 990188.25827 | 3" A. C. WITH PUNCH MARK | 279+98.67 | 268.17 LT |
| (7) 1083 | 439094.51267 | 990156.89852 | 3" A. C. WITH PUNCH MARK | 278+26.48 | 239.48 LT |
| 1085 | 438099.74622 | 989828.39159 | 3" A. C. STAMPED "ROW" | 287+85.39 | 181.99 RT |
| 1086 | 437880.42505 | 989833.56419 | 3" A. C. WITH PUNCH MARK | 289+88.83 | 228.71 RT |
| 1088 | 438509.02057 | 990582.95195 | 3" ADOT A. C. | 284+95.36 | 632.49 LT |
| (2) 1134 | 435697.82867 | 989122.41740 | 3" ADOT A. C. STAMPED "4005 35+36.54 LS18222 2008" | 35+36.65 | 875.71 RT |
| (2) 1135 | 434997.90602 | 989132.39690 | 3" ADOT A. C. STAMPED "4004 43+46.92 LS18222 2008" | 43+47.03 | 616.61 RT |
| 1137 | 436043.61744 | 991329.95333 | 3" AHD B. C. | 312+17.85 | 530.17 RT |
| 1139 | 435974.32867 | 991376.19303 | 3" AHD B. C. | 312+99.12 | 548.43 LT |
| 1140 | 435826.73449 | 991378.13505 | 3" AHD B. C. | 314+37.56 | 497.22 LT |
| 1141 | 435451.72944 | 991383.68379 | 3" AHD B. C. | 317+89.52 | 367.66 LT |
| 1144 | 435075.65593 | 991299.36866 | 3" AHD B. C. | 321+10.19 | 153.86 LT |
| (6) 1151 | 434082.25433 | 991529.65455 | 3" ADOT A. C. STAMPED "1992" | 327+16.88 | 75.84 RT |
| (8) 1159 | 433749.88202 | 992204.50803 | 3" ADOT A. C. STAMPED "1992" | 334+51.85 | 75.28 LT |
| (10) 1160 | 433749.94351 | 992221.90581 | 3" ADOT A. C. STAMPED "1992" | 334+60.18 | 96.33 LT |
| (1) 1161 | 433560.28310 | 992484.71120 | 3" ADOT A. C. STAMPED "1992" | 341+61.35 | 87.56 LT |
| (10) 1162 | 433662.12024 | 992343.72775 | 3" ADOT A. C. STAMPED "1992" | 336+10.34 | 98.86 LT |
| 1168 | 433650.69104 | 991986.48131 | 3" ADOT A. C. STAMPED "1992" | 333+29.06 | 77.10 RT |
| 1169 | 433682.93124 | 991943.62932 | 3" ADOT A. C. STAMPED "1992" | 332+75.96 | 77.18 RT |
| 1170 | 433681.57572 | 991844.13228 | 3" ADOT A. C. STAMPED "1992" | 332+00.14 | 139.15 RT |
| 1195 | 432910.22141 | 993776.94664 | 3" ADOT A. C. | 352+66.34 | 111.79 RT |
| (3) 1218 | 432262.74705 | 995541.25485 | 3" ADOT A. C. STAMPED "1992" | 375+23.95 | 256.13 RT |
| (3) 1223 | 432389.16815 | 994811.52282 | 3" ADOT A. C. STAMPED "1992" | 367+88.21 | 340.82 RT |
| (9) 1758 | 430762.66783 | 997146.87749 | 3" ADOT A. C. STAMPED "1992" | 59+47.29 | 89.96 LT |
| (11) 1824 | 432008.94624 | 996721.31284 | 3" ADOT A. C. STAMPED "1992" | 39+48.05 | 15 |

RESULTS OF SURVEY

| I-19 EXIST ADOT R/W MONUMENTATION | | | | | |
|-----------------------------------|--------------|--------------|--|------------|-----------|
| PT. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET |
| (1) 674 | 434683.85477 | 989200.54324 | 3" ADOT A.C. STAMPED "LS 18222 4002 45+97.74" | 45+97.74 | 413.15 RT |
| (1) 675 | 433920.47459 | 989044.41391 | 3" ADOT A.C. STAMPED "LS 18222 4001 60+06.36" | 60+06.36 | 205.16 RT |
| (1) 676 | 433678.28035 | 988866.90118 | 3" ADOT A.C. STAMPED "LS 18222 4000 63+02.78" | 63+02.78 | 253.16 RT |
| 677 | 400955.67155 | 986171.20633 | 3" AHD B.C. | 2986+31.39 | 150.00 RT |
| 678 | 400950.05192 | 985871.25897 | 3" AHD B.C. | 2986+31.39 | 150.00 LT |
| 690 | 408576.35205 | 987118.72739 | CONCRETE REMAINS OF AHD MONUMENT | 3063+50.00 | 204.00 LT |
| 691 | 409630.65170 | 987420.58489 | 3" AHD B.C. | 3074+46.66 | 204.00 LT |
| 694 | 409533.21271 | 987760.91068 | 3" AHD B.C. | 3074+46.66 | 150.00 RT |
| 702 | 413118.02898 | 988224.32619 | 3" ADOT B.C. STAMPED "3110+36.16 2486.94 2002" | 3110+36.16 | 170.31 RT |
| 703 | 413255.64145 | 988250.07981 | 3" ADOT B.C. STAMPED "3111+73.29 2488.84 2002" | 3111+73.29 | 198.52 RT |
| 704 | 413645.58235 | 988274.20177 | 3" ADOT B.C. STAMPED "3115+62.86 2489.86 2002" | 3115+62.74 | 229.61 RT |
| 705 | 413921.90096 | 987748.56700 | 3" ADOT B.C. STAMPED "3118+48.41 2484.46 2002" | 3118+48.41 | 291.00 LT |
| 706 | 414183.94978 | 987771.88532 | 3" ADOT B.C. STAMPED "3121+10 2480.95 2002" | 3121+10.00 | 263.00 LT |
| 707 | 414520.03780 | 987862.17054 | 3" ADOT B.C. STAMPED "3124+44.42 2485.44 2002" | 3124+44.42 | 166.72 LT |
| 708 | 414715.10561 | 987875.40486 | 3" ADOT B.C. | 3126+39.22 | 150.00 LT |
| 716 | 419205.32208 | 987795.10745 | 3" AHD B.C. | 3171+23.84 | 150.00 LT |
| 744 | 423998.58083 | 987975.02481 | 3" ADOT A.C. | 3219+13.43 | 225.50 LT |
| 745 | 424294.00713 | 987917.41208 | B.C STEM IN CONCRETE | 3222+09.87 | 294.08 LT |
| 791 | 411961.08036 | 987829.02790 | 3" AHD B.C. | 3098+59.97 | 204.00 LT |
| (2) 811 | 413778.76895 | 986828.85584 | 3" ADOT B.C. STAMPED "20+68.35 24xx.93 2002" | 20+68.21 | 75.99 RT |
| (2) 812 | 413797.98171 | 987053.55588 | 3" ADOT B.C. STAMPED "22+96 2492.57 2002" | 22+96.00 | 83.00 LT |
| (2) 813 | 413899.37905 | 987568.32413 | 3" ADOT B.C. STAMPED "28+15 2482.74 2002" | 28+15.00 | 143.00 LT |
| (2) 814 | 413697.17762 | 988328.10822 | 3" ADOT B.C. STAMPED "35+66.05 2489.11 2002" | 35+66.04 | 81.17 RT |
| (2) 815 | 413700.65067 | 988521.29323 | 3" ADOT B.C. STAMPED "37+61.24 2490.63 2002" | 37+61.24 | 77.21 RT |
| (2) 819 | 413901.17407 | 988725.08490 | 3" ADOT B.C. STAMPED "39+58.63 2490.73 2002" | 39+58.63 | 129.00 LT |
| (2) 825 | 413872.23191 | 989023.64171 | 3" ADOT B.C. STAMPED "42+59 2492.65 2002" | 42+59.00 | 114.00 LT |
| 868 | 408436.75900 | 987134.93008 | 3" AHD B.C. | 3062+20.26 | 150.00 LT |
| (3) 903 | 403005.76759 | 985104.85462 | 3" ADOT A.C. STAMPED "STA 120+30.81 1986" | 120+30.81 | 40.00 LT |
| (3) 905 | 403140.26676 | 985065.99626 | 3" ADOT A.C. STAMPED "STA 120+30.81 1986" | 120+30.81 | 100.00 RT |
| (6) 927 | 402899.47314 | 985459.77769 | 3" ADOT A.C. STAMPED "STA 12+67.08 PT 1986" | 12+67.08 | 100.00 LT |
| (6) 929 | 402707.53051 | 985666.44893 | 3" ADOT A.C. | 9+50.58 | 100.00 LT |
| (5) 934 | 404933.43213 | 986701.74935 | 3" AHD B.C. | 5+01.69 | 34.00 RT |
| (3) 936 | 404676.40274 | 986905.21192 | CONCRETE REMAINS OF AHD MONUMENT | 95+69.17 | 40.00 RT |
| 983 | 427062.86263 | 988043.88861 | 3" AHD B.C. | 3249+89.47 | 159.98 LT |
| (1) 1136 | 434998.76545 | 989197.37770 | 3" ADOT A.C. STAMPED "LS 18222 4005 43+11.63" | 43+11.74 | 558.88 RT |
| (7) 1286 | 429823.48236 | 988653.01123 | 3" AHD B.C. | 1+50.00 | 59.82 RT |
| (7) 1287 | 430563.96496 | 988322.31594 | 3" AHD B.C. | 11+03.16 | 60.27 RT |
| 1295 | 432357.12581 | 988361.52213 | 3" ADOT A.C. STAMPED "LS 18222 632 77+00.55" | 3302+59.43 | 182.67 LT |
| 1309 | 425735.85488 | 988071.94086 | 3" AHD B.C. | 3236+62.26 | 144.30 LT |
| 1311 | 429212.87819 | 988614.62765 | 3" AHD B.C. | 3271+34.07 | 430.78 RT |
| 1312 | 429253.96462 | 988656.31179 | 3" AHD B.C. | 3271+74.77 | 472.84 RT |
| 1313 | 429304.61725 | 988735.00982 | 3" AHD B.C. | 3272+24.68 | 552.01 RT |
| 1314 | 429360.65111 | 988734.44375 | 3" AHD B.C. | 3272+80.72 | 551.97 RT |
| 1316 | 427216.59829 | 988077.56798 | 3" AHD B.C. | 3251+42.88 | 124.87 LT |
| 1317 | 429073.09556 | 988059.69951 | CONCRETE REMAINS OF AHD MONUMENT | 3269+99.47 | 125.43 LT |
| 1318 | 429197.32893 | 988045.89893 | 3" AHD B.C. | 3271+23.82 | 138.07 LT |
| 1319 | 429196.89936 | 987993.81247 | 3" AHD B.C. | 3271+23.88 | 190.16 LT |
| 1321 | 429383.49245 | 987859.65869 | 3" AHD B.C. | 3273+11.71 | 322.57 LT |
| (8) 1327 | 430450.72895 | 987829.38603 | 3" AHD B.C. | 11+73.39 | 30.06 LT |
| (8) 1328 | 430795.73793 | 987971.02644 | 3" AHD B.C. | 15+62.95 | 29.93 LT |
| 1329 | 431291.98040 | 988053.83327 | 3" AHD B.C. | 3291+90.80 | 182.60 LT |
| 1333 | 422820.60918 | 987971.86799 | 3" AHD B.C. | 3207+30.87 | 150.03 LT |
| 1337 | 423209.41254 | 988000.05327 | 3" AHD B.C. | 3211+20.68 | 152.36 LT |
| 1339 | 424554.10244 | 987913.39516 | 3" ADOT A.C. | 3224+73.23 | 304.61 LT |
| 1340 | 425739.73677 | 988367.78318 | 3" AHD B.C. | 3236+63.38 | 151.57 RT |
| 1341 | 425359.39540 | 988500.69269 | 3" ADOT A.C. | 3232+81.82 | 280.92 RT |
| 1342 | 424850.43801 | 988838.42609 | 3" ADOT A.C. | 3227+79.12 | 616.63 RT |
| 1343 | 424531.82684 | 988877.25662 | 3" ADOT A.C. | 3224+69.65 | 659.51 RT |
| 1344 | 424482.26506 | 989064.20944 | 3" ADOT A.C. | 3224+25.37 | 847.43 RT |
| 1345 | 427066.22954 | 988355.07870 | 3" AHD B.C. | 3249+89.93 | 151.23 RT |
| 1346 | 427219.49043 | 988402.17519 | 3" AHD B.C. | 3251+42.75 | 199.75 RT |
| 1347 | 427219.06438 | 988368.22223 | CONCRETE REMAINS OF AHD MONUMENT | 3251+42.64 | 165.80 RT |
| 1351 | 428413.57175 | 988376.10515 | 3" AHD B.C. | 3263+37.02 | 184.81 RT |
| 1352 | 428563.73127 | 988374.78700 | 3" AHD B.C. | 3264+87.19 | 184.90 RT |
| 1353 | 428563.97830 | 988434.64498 | CONCRETE REMAINS OF AHD MONUMENT | 3264+86.88 | 244.75 RT |

| I-19 EXIST ADOT R/W MONUMENTATION | | | | | |
|-----------------------------------|--------------|--------------|--|------------|------------|
| PT. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET |
| (2) 1354 | 428363.68993 | 988376.53820 | 3" AHD B.C. | 3262+87.14 | 184.78 RT |
| 1363 | 413821.86824 | 989276.69923 | 3" ADOT B.C. STAMPED "45+16 2493+56 2002" | 45+15.93 | 67.86 LT |
| 1365 | 414062.21228 | 988568.21557 | 3" AHD B.C. | 3119+74.04 | 531.03 RT |
| 1369 | 421354.48312 | 988158.38575 | 3" AHD B.C. | 3192+83.53 | 150.63 RT |
| 1370 | 422666.53820 | 988260.90971 | 3" ADOT A.C. | 3205+99.89 | 150.19 RT |
| 1371 | 423293.12731 | 988357.73001 | 3" ADOT A.C. | 3212+31.18 | 197.93 RT |
| 1372 | 423464.21927 | 988428.15722 | 3" ADOT A.C. | 3214+05.04 | 256.27 RT |
| 1373 | 423634.87519 | 988535.47875 | 3" ADOT A.C. | 3215+79.71 | 352.79 RT |
| 1374 | 423849.77826 | 988725.66294 | 3" ADOT A.C. | 3218+00.21 | 531.21 RT |
| 1375 | 424243.02314 | 988871.33293 | 3" ADOT A.C. | 3221+88.88 | 660.97 RT |
| 1376 | 424300.01679 | 988870.51084 | 3" ADOT A.C. | 3222+44.23 | 658.41 RT |
| 1377 | 411092.23776 | 988093.43317 | 3" AHD B.C. | 3090+21.38 | 150.05 RT |
| (2) 1401 | 413580.51909 | 986339.22747 | 3" ADOT B.C. STAMPED "15+70.94 2462.62 2002" | 15+71.05 | 106.94 RT |
| 1426 | 412529.00837 | 988193.81787 | 3" ADOT B.C. STAMPED "3104+52.48 2481.32 2002" | 3104+52.47 | 136.37 RT |
| 1428 | 412598.72750 | 988200.86669 | 3" ADOT B.C. STAMPED "3105+21.37 2480.83 2002" | 3105+21.44 | 142.43 RT |
| 1429 | 412600.46170 | 988185.04584 | 3" ADOT B.C. STAMPED "3105+22.98 2002" | 3105+22.98 | 126.59 RT |
| 1430 | 412736.75861 | 988194.47895 | 3" ADOT B.C. STAMPED "3106+57.75 2483.14 2002" | 3106+57.78 | 135.34 RT |
| 1431 | 412736.41157 | 988200.81768 | 3" ADOT B.C. STAMPED "3106+57.34 2482.05 2002" | 3106+57.44 | 141.67 RT |
| 1437 | 408561.30343 | 987170.58448 | 3" AHD B.C. | 3063+49.81 | 150.00 LT |
| (4) 1515 | 404374.82599 | 985945.60557 | 3" AHD B.C. | 7+30.60 | 75.00 LT |
| 1539 | 407744.13511 | 986936.54619 | 3" AHD B.C. | 3054+99.78 | 150.08 LT |
| 1540 | 406620.61202 | 986562.89359 | CONCRETE REMAINS OF AHD MONUMENT | 3043+16.82 | 200.04 LT |
| 1541 | 406523.63671 | 986899.32785 | 3" AHD B.C. | 3043+16.17 | 150.09 RT |
| (5) 1542 | 405344.79917 | 986603.12429 | 3" AHD B.C. | 9+44.39 | 34.43 RT |
| (5) 1544 | 404692.81409 | 986823.39599 | 3" AHD B.C. | 2+32.07 | 34.00 RT |
| (3) 1546 | 404622.84393 | 986964.69547 | 3" AHD B.C. | 95+68.83 | 39.94 LT |
| (3) 1547 | 404616.08014 | 986971.72929 | 3" AHD B.C. | 95+69.12 | 49.70 LT |
| (3) 1548 | 404423.31965 | 986796.95790 | 3" AHD B.C. | 98+29.31 | 49.66 LT |
| (3) 1549 | 404258.22839 | 986680.90936 | 3" AHD B.C. | 100+29.57 | 74.55 LT |
| (3) 1550 | 403919.71389 | 986348.39256 | 3" AHD B.C. | 3016+31.31 | 149.98 RT |
| 1551 | 403593.66585 | 986335.51406 | 3" AHD B.C. | 3013+03.50 | 179.34 RT |
| (3) 1552 | 403655.09202 | 986011.40925 | 3" AHD B.C. | 109+24.38 | 50.18 RT |
| 1553 | 403357.42229 | 986012.60039 | 3" AHD B.C. | 3010+31.64 | 114.64 LT |
| 1554 | 403336.05279 | 985973.14278 | 3" AHD B.C. | 3010+06.38 | 151.62 LT |
| 1555 | 402576.76720 | 985909.28233 | 3" AHD B.C. | 3002+50.35 | 150.30 LT |
| 1556 | 402344.05005 | 985895.57573 | 3" AHD B.C. | 3000+19.04 | 150.08 LT |
| (6) 1557 | 402747.20909 | 985717.93301 | 3" AHD B.C. | 9+50.58 | 35.00 LT |
| (6) 1559 | 403014.61329 | 985284.55444 | 3" ADOT B.C. STAMPED "STA 14+80.33 1986" | 14+76.74 | 100.29 LT |
| (3) 1560 | 402948.16153 | 985121.73544 | 3" ADOT A.C. STAMPED "STA 120+30.81 PT 1986" | 120+30.60 | 100.03 LT |
| (3) 1563 | 403321.64611 | 985188.56124 | 3" ADOT B.C. STAMPED "STA 118+00 1986" | 118+10.22 | 220.73 RT |
| (4) 1564 | 405204.52680 | 986214.97300 | 3" AHD B.C. | 16+02.93 | 74.95 LT |
| 1572 | 407757.88372 | 986888.49358 | 3" AHD B.C. | 3054+99.78 | 200.06 LT |
| 1573 | 403358.08836 | 986009.91307 | 3" AHD B.C. | 3010+32.01 | 117.39 LT |
| 1656 | 425572.68628 | 988411.78831 | 3" ADOT A.C. | 3234+95.93 | 194.01 RT |
| 1747 | 433342.11179 | 989317.05094 | 3" AHD B.C. | 3315+93.54 | 129.26 RT |
| 1748 | 434140.38393 | 990210.57019 | 3" AHD B.C. | 3328+32.98 | 150.45 RT |
| 1828 | 419008.83944 | 988078.66045 | CONCRETE REMAINS OF AHD MONUMENT | 3169+22.32 | 129.99 RT |
| 1829 | 419043.54849 | 989048.27258 | CONCRETE REMAINS OF AHD MONUMENT | 3169+39.68 | 1100.07 RT |
| 1830 | 419156.43266 | 989044.23511 | CONCRETE REMAINS OF AHD MONUMENT | 3170+52.62 | 1098.05 RT |
| (8) 2306 | 429873.50619 | 987290.26746 | 3" AHD B.C. | 3+26.89 | 29.86 LT |
| (8) 2309 | 429794.23949 | 987034.31276 | 3" AHD B.C. | 0+74.11 | 31.00 LT |
| (7) 2311 | 430059.96370 | 988402.54269 | 3" AHD B.C. | 5+81.09 | 60.04 RT |
| 2324 | 418962.50718 | 987799.32195 | 3" AHD B.C. | 3168+80.99 | 150.13 LT |
| 2325 | 419133.05041 | 988096.28318 | 3" AHD B.C. | 3170+46.19 | 149.84 RT |
| 2326 | 419103.76483 | 987547.13389 | 3" AHD B.C. | 3170+26.73 | 399.75 LT |
| 2327 | 419113.76050 | 987546.80041 | CONCRETE REMAINS OF AHD MONUMENT | 3170+36.73 | 399.90 LT |
| 2328 | 419122.51975 | 987796.50049 | 3" AHD B.C. | 3170+41.02 | 150.09 LT |
| 2329 | 421562.97766 | 988269.64111 | CONCRETE REMAINS OF AHD MONUMENT | 3195+00.40 | 245.27 RT |
| 2357 | 414389.95611 | 988355.99900 | 3" AHD B.C. | 3123+05.53 | 324.70 RT |
| 2375 | 424459.35133 | 987414.81794 | ADOT ANGLE IRON | 3223+65.09 | 801.02 LT |
| 2378 | 424835.54598 | 987983.61384 | 3" ADOT A.C. | 3227+58.95 | 238.07 LT |
| 2381 | 427215.95930 | 988042.46128 | 3" AHD B.C. | 3251+42.56 | 159.98 LT |
| 2382 | 424314.65218 | 987417.94314 | ADOT ANGLE IRON | 3222+15.32 | 793.95 LT |
| 2384 | 432362.49380 | 988727.04372 | 3" AHD B.C. | 3304+10.97 | 149.80 RT |

STATIONS AND OFFSETS ARE FROM THE 2011 SURVEY CENTERLINE UNLESS OTHERWISE NOTED

- (1) STATIONS AND OFFSETS ARE FROM THE 2011 SURVEY RAMP CENTERLINE
- (2) STATIONS AND OFFSETS ARE FROM THE VALENCIA ROAD CENTERLINE
- (3) STATIONS AND OFFSETS ARE FROM THE SAN XAVIER ROAD CENTERLINE

RESULTS OF SURVEY

I-10 MISCELLANEOUS R/W MONUMENTATION

| PT. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET |
|-----------|--------------|--------------|--|-----------|-----------|
| 426 | 436738.46800 | 990888.68168 | 1/2" REBAR W/ TAG STAMPED "RLS 26932" | 304+10.85 | 368.01 LT |
| (11) 457 | 432915.30359 | 995030.02149 | 1" LEAD CAPPED PIPE | 20+52.66 | 200.00 LT |
| (8) 481 | 434866.35694 | 991347.41097 | 1" IRON BAR IN 6"x6" CONCRETE MONUMENT | 319+64.43 | 76.50 LT |
| (8) 482 | 434867.15874 | 991399.85990 | 1" IRON BAR IN 6"x6" CONCRETE MONUMENT | 319+82.53 | 125.73 LT |
| 494 | 432909.30129 | 993304.24815 | 1" IRON BAR IN 6"x6" CONCRETE MONUMENT | 347+92.37 | 182.16 RT |
| 495 | 432829.33618 | 993305.49957 | 1" IRON BAR NO TAG | 348+04.02 | 261.22 RT |
| 525 | 432923.24425 | 992961.47848 | 1" IRON BAR NO TAG | 344+79.01 | 232.55 LT |
| (6) 592 | 433926.80472 | 991536.49564 | 60D NAIL | 328+33.37 | 169.91 RT |
| (6) 594 | 433867.95934 | 991612.39062 | 1/2" REBAR W/ TAG STAMPED "RLS 12537" | 329+20.70 | 154.14 RT |
| (6) 595 | 433928.04435 | 991617.48616 | 1/2" REBAR W/ TAG STAMPED "RLS 12537" BENT 6" NE | 328+83.21 | 109.08 RT |
| (11) 609 | 432010.89005 | 996723.10723 | 1/2" REBAR W/ TAG STAMPED "RLS 12122" | 39+48.99 | 150.00 RT |
| (9) 619 | 431397.63064 | 997189.32786 | 1/2" REBAR W/ TAG STAMPED "LS 14974" | 65+81.71 | 40.00 LT |
| (3) 958 | 432392.47009 | 995121.50640 | 1/2" REBAR NO TAG | 370+84.66 | 250.16 RT |
| 1022 | 432898.35246 | 993579.03058 | 1/2" REBAR W/ CAP STAMPED "RLS 37172" | 350+68.04 | 156.46 RT |
| 1024 | 432901.34257 | 993753.53825 | 1/2" REBAR W/ CAP STAMPED "RLS 37172" | 352+44.46 | 124.81 RT |
| 1038 | 443183.88494 | 990208.58357 | 5/8" REBAR NO TAG W/ ADOT ANGLE IRON | 237+38.41 | 354.63 LT |
| 1039 | 442876.33087 | 989344.19928 | 1/2" REBAR NO TAG BENT 6" SOUTH | 240+32.51 | 514.42 RT |
| 1089 | 440530.54331 | 989701.93909 | 1/2" REBAR NO TAG | 263+83.57 | 193.13 RT |
| 1090 | 440689.22329 | 989721.51063 | 60D NAIL W/ ORANGE FLAGGING | 262+25.21 | 171.10 RT |
| 1100 | 442682.58052 | 990216.38610 | 1/2" REBAR W/ TAG STAMPED "RLS 29873" | 242+39.77 | 354.65 LT |
| 1101 | 442377.48189 | 990141.81748 | 1/2" REBAR W/ TAG STAMPED "RLS 13178" | 245+43.68 | 275.36 LT |
| 1102 | 442191.83546 | 990144.60739 | 1/2" REBAR NO TAG | 247+29.34 | 275.26 LT |
| 1103 | 443340.91189 | 990158.48423 | 1/2" REBAR NO TAG | 235+80.62 | 306.98 LT |
| 1104 | 441764.34325 | 989727.85441 | 1/2" REBAR W/ CAP STAMPED "TRIMBLE RLS 16912" | 251+50.32 | 148.07 RT |
| 1105 | 441856.81528 | 989729.91983 | 1/2" REBAR W/ CAP STAMPED "TRIMBLE RLS 16912" | 250+57.89 | 144.57 RT |
| 1106 | 441679.46244 | 990149.90506 | 1/2" REBAR NO TAG | 252+41.74 | 272.61 LT |
| 1107 | 438729.02417 | 990195.10724 | 1/2" REBAR W/ TAG STAMPED "RLS 13187" | 282+04.31 | 267.62 RT |
| 1121 | 432901.14145 | 993777.77712 | 1/2" REBAR W/ CAP STAMPED "RLS 37172" | 352+68.90 | 120.56 RT |
| 1122 | 432898.36626 | 993579.96486 | 1/2" REBAR W/ CAP STAMPED "RLS 37172" | 350+68.99 | 156.31 RT |
| (2) 1127 | 436736.00565 | 989827.13474 | 1/2" REBAR W/ TAG STAMPED "RLS 13557" | 22+47.47 | 255.75 RT |
| (2) 1132 | 436302.62873 | 989376.83022 | 1/2" REBAR W/ TAG STAMPED "RLS 13557" | 27+31.70 | 714.41 RT |
| 1138 | 435994.06171 | 991355.95522 | 60D NAIL W/ PINK FLAGGING | 312+73.44 | 536.64 LT |
| 1142 | 435244.28909 | 991386.94127 | 60D NAIL W/ PINK FLAGGING | 319+84.28 | 296.17 RT |
| 1145 | 432831.64501 | 993445.60248 | 1" IRON BAR NO TAG | 349+41.39 | 240.73 RT |
| 1146 | 435391.96945 | 991384.57344 | 1/2" REBAR NO TAG BENT 2" NORTH | 318+45.61 | 347.02 LT |
| (11) 1200 | 432903.47053 | 995070.04839 | 1/2" REBAR NO TAG | 20+94.39 | 199.95 LT |
| (10) 1201 | 433009.42639 | 994445.13338 | 2" B.C. STAMPED "CL RW RLS 22759" | 358+79.91 | 103.62 LT |
| (10) 1202 | 433006.34878 | 994455.58784 | 2" B.C. STAMPED "CL CONST 2986.88 RLS 22759" | 358+90.81 | 103.62 LT |
| 1291 | 440916.63668 | 990202.17783 | 1/2" REBAR NO TAG | 260+05.28 | 313.04 LT |
| 1779 | 432772.61482 | 994363.33966 | 1 1/2" A.C. | 358+79.75 | 103.65 RT |
| (10) 1983 | 433387.00244 | 993083.94801 | 1/2" REBAR W/ TAG STAMPED "RLS 13187" | 344+62.03 | 207.76 LT |
| (3) 2416 | 432584.04334 | 994808.45865 | 1/2" REBAR W/ TAG STAMPED "RLS 12537" | 367+30.27 | 154.74 RT |
| (6) 2506 | 433928.85077 | 991536.89241 | 60D NAIL | 328+32.20 | 168.26 RT |
| (6) 2508 | 433928.74392 | 991660.75592 | 1/2" REBAR W/ TAG STAMPED "RLS 12537" | 329+11.06 | 77.14 RT |
| (8) 2516 | 434598.41536 | 991454.10694 | 1" IRON BAR NO TAG BENT 2" SOUTH | 322+56.62 | 75.99 LT |
| 2523 | 435620.24943 | 991425.63749 | CENTER OF CONCRETE BLOCK | 316+47.32 | 467.36 LT |
| 2526 | 432829.54956 | 993305.46958 | 1/2" REBAR NO TAG | 348+03.96 | 261.02 RT |
| (11) 2536 | 430978.72815 | 998554.55605 | 1/2" REBAR W/ TAG STAMPED "RLS 30736" | 60+94.08 | 149.41 RT |
| (11) 2538 | 432915.28295 | 995029.94856 | NAIL 0.3 DN | 20+52.59 | 199.96 LT |
| (11) 2539 | 432915.50018 | 995030.00572 | PKN FLUSH | 20+52.58 | 200.18 LT |
| (9) 2639 | 431172.51200 | 997181.48300 | 1/2" REBAR NO TAG OR CAP | 63+56.70 | 50.51 LT |

STATIONS AND OFFSETS ARE FROM THE I-10 EB CENTERLINE UNLESS OTHERWISE NOTED

- (1) STATIONS AND OFFSETS ARE FROM THE WB 2011 SURVEY CENTERLINE
- (2) STATIONS AND OFFSETS ARE FROM THE 2011 SURVEY RAMP CENTERLINE
- (3) STATIONS AND OFFSETS ARE FROM THE EB 2011 SURVEY CENTERLINE
- (4) STATIONS AND OFFSETS ARE FROM THE 6TH AVENUE CENTERLINE
- (5) STATIONS AND OFFSETS ARE FROM THE EB EXIST R/W CENTERLINE
- (6) STATIONS AND OFFSETS ARE FROM THE I-10 EB 1949 CENTERLINE
- (7) STATIONS AND OFFSETS ARE FROM THE I-10 EB CENTERLINE SPIRAL TANGENT (POST)
- (8) STATIONS AND OFFSETS ARE FROM THE I-10 WB 1949 CENTERLINE
- (9) STATIONS AND OFFSETS ARE FROM THE PARK AVENUE CENTERLINE
- (10) STATIONS AND OFFSETS ARE FROM THE I-10 WB CENTERLINE
- (11) STATIONS AND OFFSETS ARE FROM THE I-10 MEDIAN CENTERLINE

Note 1: POINT FALLS OUTSIDE DEFINED CENTERLINE

I-19 MISCELLANEOUS R/W MONUMENTATION

| PT. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET |
|----------|--------------|--------------|--|------------|-----------|
| 766 | 421642.73303 | 987879.41450 | CONCRETE NAIL W/ TAG STAMPED "RLS 27755" | 3195+49.36 | 150.00 LT |
| (2) 805 | 412986.60145 | 987652.65307 | 1-1/2" A.C. ON 1/2" RBR STAMPED "S/S RLS 7599" | 12+34.96 | 0.00 LT |
| (2) 806 | 413425.72412 | 987347.01620 | 1/2" RBR NO TAG/CAP | 6+99+94 | 0.00 LT |
| (2) 807 | 413527.04363 | 987147.27444 | 1/2" RBR W/ SHEARED LEAD CAP | 4+66.62 | 0.00 LT |
| 980 | 429668.89219 | 989056.18036 | 5/8" RBR NO TAG/CAP | 3275+85.95 | 876.56 RT |
| (3) 996 | 429569.44470 | 987036.34607 | 5/8" RBR NO TAG/CAP | Note 1 | --- |
| (3) 1322 | 429559.97217 | 987094.60592 | 60D NAIL & WHISKER | 1+14.78 | 159.75 RT |
| (3) 1325 | 429569.38599 | 987035.88572 | 2" B.C. IN CONCRETE | Note 1 | --- |
| (1) 1408 | 413516.99568 | 986730.68615 | 5/8" RBR NO TAG/CAP BENT 3" NORTH | 19+62.35 | 182.47 RT |
| 1422 | 412429.08071 | 988179.24417 | 5/8" RBR NO TAG/CAP BENT 8" NORTH | 3103+53.38 | 123.94 RT |
| 1427 | 412536.22821 | 988197.15626 | 1/2" RBR NO TAG/CAP BENT 6" WEST | 3104+59.66 | 139.58 RT |
| 1500 | 417705.76640 | 988102.08818 | 1/2" RBR NO TAG/CAP | 3156+19.03 | 130.12 RT |
| (1) 1508 | 413600.99147 | 986336.58119 | PK NAIL W/ TAG STAMPED "RLS 12213 ANDREWS" | 15+69.22 | 86.38 RT |
| (1) 1509 | 413595.95888 | 986337.13825 | PK NAIL W/ TAG STAMPED "RLS 12213 ANDREWS" | 15+69.58 | 91.43 RT |
| (2) 1514 | 413375.63517 | 987381.88715 | 1/2" RBR NO TAG/CAP | 7+60.97 | 0.01 LT |
| 1666 | 424906.27653 | 988801.54779 | 5/8" RBR W/ TAG STAMPED "RLS 12122" | 3228+33.37 | 579.49 RT |
| 1667 | 425647.53102 | 988391.99200 | 1-1/2" A.C. ON 1/2" RBR STAMPED "RLS 12122" | 3235+70.95 | 174.91 RT |
| 1668 | 425679.49574 | 988383.44101 | 5/8" RBR W/ TAG STAMPED "RLS 12122" | 3236+03.00 | 166.66 RT |
| 1746 | 432360.17822 | 988725.88096 | 1/2" RBR NO TAG/CAP | 3304+80.30 | 149.71 RT |
| 1845 | 421634.84683 | 987878.83513 | 1/2" RBR W/ TAG STAMPED "RLS 14145" | 3195+41.46 | 149.96 LT |
| 1846 | 421423.12113 | 987861.98317 | 1/2" RBR W/ TAG STAMPED "RLS 27755" | 3193+29.06 | 150.19 LT |
| 1847 | 421218.78429 | 987846.89640 | 1/2" RBR W/ TAG STAMPED "RLS 27755" | 3191+25.50 | 150.15 LT |
| 1848 | 421069.03381 | 987836.88124 | 1/2" RBR W/ TAG STAMPED "RLS 27755" | 3189+76.39 | 150.23 LT |
| 1874 | 428700.56586 | 988333.90337 | 5/8" RBR NO TAG/CAP | 3266+24.40 | 145.29 RT |
| 1875 | 429225.62096 | 988564.79311 | 5/8" RBR NO TAG/CAP IN CONCRETE DITCH | 3271+47.28 | 381.06 RT |
| 1877 | 429105.68295 | 988060.25584 | 5/8" RBR NO TAG/CAP | 3270+32.05 | 124.57 LT |
| 1878 | 429248.95863 | 988041.20213 | 5/8" RBR NO TAG/CAP | 3271+75.49 | 142.29 LT |
| 1879 | 429339.11782 | 987989.10261 | 5/8" RBR NO TAG/CAP | 3272+66.14 | 193.54 LT |
| (3) 1880 | 429603.22229 | 987474.22833 | 5/8" RBR NO TAG/CAP BENT 1" NORTH | 4+94.61 | 118.28 RT |
| (1) 2330 | 413605.68609 | 986728.41555 | 1/2" RBR NO TAG/CAP BENT 5" WEST | 19+62.34 | 93.75 RT |
| (2) 2331 | 412492.69973 | 987831.48371 | 1-1/2" A.C. ON 1/2" RBR STAMPED "S/S RLS 7599" | 17+65.55 | 3.73 LT |
| 2332 | 411083.88767 | 987734.62057 | 5/8" RBR NO TAG/CAP 8" DN | 3089+61.49 | 203.85 LT |
| 2369 | 424361.89191 | 988947.46095 | 5/8" RBR NO TAG/CAP | 3223+06.34 | 733.60 RT |
| 2548 | 424357.51434 | 988946.89363 | 1" IRON PIPE NO TAG/CAP | 3223+02.09 | 733.15 RT |

STATIONS AND OFFSETS ARE FROM THE 2011 SURVEY CENTERLINE UNLESS OTHERWISE NOTED

- (1) STATIONS AND OFFSETS ARE FROM THE VALENCIA ROAD CENTERLINE
- (2) STATIONS AND OFFSETS ARE FROM THE F-1 R/W LINE
- (3) STATIONS AND OFFSETS ARE FROM THE AJO ROAD CENTERLINE

Note 1: POINT FALLS OUTSIDE DEFINED CENTERLINE

019-rw057-rs27.dgn

| CHANGE ORDER REVISIONS | | | | DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | | Professional Land Surveyor AZ No. 21782 Digitally signed by Scott A. Nelson Date: 2014.01.30 15:53:35 -0700 (Expires 9-30-15) ELECTRONIC SEAL http://www.btr.state.az.us/ |
|------------------------|------|----|--------------------------|---|----------------|--|----------------------|---|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS | SURVEY | June 2011 | HIGHWAY NAME: | NOGALES - TUCSON | |
| | | | | DRAWN/DATE | J. Haws/May 11 | FEDERAL AID NO.: | UNASSIGNED | |
| | | | | ADOT REVIEW | S. Parker | PROJECT NO.: | 019 PM 057 H5105 OIR | |
| | | | |  HUBBARD ENGINEERING 480-892-3313 Mesa, AZ snelson@hubbardengineering.com Job # 10210 | | ROUTE NO.: I-19 | | |
| | | | | LOCATION: SAN XAVIER RD - JCT I-10 | | SHEET RS-27 | | |

RESULTS OF SURVEY

CONTINUED FROM RS-25

| I-10 EXIST ADOT R/W MONUMENTATION | | | | | | |
|-----------------------------------|----------|--------------|--------------|---|-----------|-----------|
| PT. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET | |
| (2) | 1890 | 436312.67339 | 989268.41826 | 3" ADOT A.C. STAMPED "60062 RM 10.00 LS 18222 2008" | 27+25.24 | 823.17 RT |
| | 1987 | 433659.98553 | 991974.57895 | 3" ADOT A.C. STAMPED "1992" | 333+14.07 | 76.81 RT |
| (1) | 1991 | 433404.97829 | 993016.31654 | 3" ADOT A.C. STAMPED "25 347+39.32 PLS 19817 2007" | 347+37.97 | 120.37 LT |
| | 2314 | 441259.15964 | 990206.56816 | 3" ADOT A.C. STAMPED "ROW EL=2362.12" | 256+62.87 | 322.74 LT |
| | 2504 | 436739.79426 | 990884.67722 | ADOT ANGLE IRON | 304+08.18 | 364.75 LT |
| (8) | 2514 | 434502.03323 | 991499.92848 | 3" ADOT A.C. STAMPED "1992" | 323+67.80 | 76.07 LT |
| (8) | 2515 | 434497.26943 | 991504.25951 | 3" ADOT A.C. STAMPED "220+xxx ELEV=xxxx.886 1985" | 323+74.27 | 77.76 LT |
| | 2520 | 435148.24905 | 991298.29547 | 3" AHD B.C. | 320+42.06 | 178.94 LT |
| | 2521 | 435624.36562 | 991425.54345 | ADOT ANGLE IRON | 316+43.45 | 468.75 LT |
| | 2522 | 435599.35582 | 991391.47883 | 3" AHD B.C. | 316+54.55 | 427.98 LT |
| (10) | 2524 | 433388.94427 | 993275.59821 | 3" ADOT A.C. STAMPED "30 349+95.56 PLS19817 2007" | 346+72.64 | 252.04 LT |
| (5) | 2529 | 431416.66028 | 998429.78157 | 3" ADOT A.C. STAMPED "1992" | 57+51.24 | 150.28 LT |
| (11) | 2530 | 431198.06730 | 998215.96879 | 3" ADOT A.C. STAMPED "1992" | 56+79.73 | 149.43 RT |
| | 2534 | 439151.91814 | 990169.47471 | ADOT ANGLE IRON | 277+69.28 | 252.95 LT |
| (3) | 2537 | 432611.79765 | 994807.41399 | 3" ADOT A.C. STAMPED "1992" | 367+21.43 | 128.40 RT |
| | 2541 | 432828.96468 | 993305.89810 | 3" AHD B.C. STAMPED "ELEV=2469.260 1986" | 348+04.45 | 261.54 RT |
| (6) | 2640 | 434441.23800 | 990664.69000 | ADOT ANGLE IRON | 320+81.44 | 666.52 RT |
| (6) | 2643 | 434493.34421 | 990817.82549 | ADOT ANGLE IRON | 320+88.20 | 504.93 RT |
| (9) | 3420 | 430781.84529 | 997186.61301 | 3" ADOT A.C. STAMPED "1992" | 59+66.00 | 50.00 LT |
| (9) | 3425 | 430549.49857 | 997311.66088 | 3" ADOT A.C. STAMPED "1992" | 57+32.19 | 72.29 RT |
| (9) | 3427 | 430925.28081 | 997340.92683 | 3" ADOT A.C. STAMPED "1992" | 61+07.60 | 106.00 RT |
| (9) | 3428 | 430952.44880 | 997372.13759 | 3" ADOT A.C. STAMPED "1992" | 61+34.50 | 137.53 RT |

STATIONS AND OFFSETS ARE FROM THE I-10 EB CENTERLINE UNLESS OTHERWISE NOTED

- (1) STATIONS AND OFFSETS ARE FROM THE WB 2011 SURVEY CENTERLINE
- (2) STATIONS AND OFFSETS ARE FROM THE 2011 SURVEY RAMP CENTERLINE
- (3) STATIONS AND OFFSETS ARE FROM THE EB 2011 SURVEY CENTERLINE
- (4) STATIONS AND OFFSETS ARE FROM THE 6TH AVENUE CENTERLINE
- (5) STATIONS AND OFFSETS ARE FROM THE EB EXIST R/W CENTERLINE
- (6) STATIONS AND OFFSETS ARE FROM THE I-10 EB 1949 CENTERLINE
- (7) STATIONS AND OFFSETS ARE FROM THE I-10 EB CENTERLINE SPIRAL TANGENT (POST)
- (8) STATIONS AND OFFSETS ARE FROM THE I-10 WB 1949 CENTERLINE
- (9) STATIONS AND OFFSETS ARE FROM THE PARK AVENUE CENTERLINE
- (10) STATIONS AND OFFSETS ARE FROM THE I-10 WB CENTERLINE
- (11) STATIONS AND OFFSETS ARE FROM THE I-10 MEDIAN CENTERLINE

| OLD US80 MISCELLANEOUS R/W MONUMENTATION | | | | | | |
|--|----------|--------------|--------------|-------------------------------------|----------|-----------|
| PT. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET | |
| | 619 | 431397.63064 | 997189.32786 | 1/2" REBAR W/TAG STAMPED "LS 14974" | 46+97.50 | 78.69 LT |
| | 1844 | 431412.76568 | 997138.37750 | 1/2" REBAR NO TAG OR CAP | 46+52.68 | 50.12 LT |
| | 2630 | 431872.58200 | 996518.24600 | 1/2" REBAR W/TAG | 38+98.96 | 116.91 RT |
| | 2639 | 431172.51200 | 997181.48300 | 1/2" REBAR NO TAG OR CAP | Note 1 | --- |
| | 3399 | 431776.93000 | 996636.87062 | 1/2" REBAR W/TAG | 40+48.95 | 90.00 RT |
| | 3401 | 431685.91781 | 996760.85765 | 1/2" REBAR W/TAG | 41+98.95 | 56.00 RT |
| | 3402 | 431515.21427 | 996908.97814 | 1/2" REBAR W/TAG | 44+24.96 | 56.00 RT |
| | 3403 | 431481.35797 | 996906.58002 | 1/2" REBAR W/TAG | 44+48.96 | 80.00 RT |

STATIONS AND OFFSETS ARE FROM THE EX US80 CENTERLINE

Note 1: POINT FALLS OUTSIDE DEFINED CENTERLINE

| OLD US80 EXISTING R/W LINE | | | | | | |
|---|---------|----------|------------|---------|------------|-----------|
| THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN. | | | | | | |
| LEFT SIDE | | | RIGHT SIDE | | | |
| PT. | STATION | OFFSET | PT. | STATION | OFFSET | |
| | 2651 | 40+81.00 | 50.00 LT | 511 | 29+79.61 | 200.00 RT |
| | 640 | 46+53.02 | 50.00 LT | 2646+ | Radius Pt. | --- |
| | 619 | 46+97.50 | 78.69 LT | 612 | 31+15.91 | 200.00 RT |
| | | | | 2646+ | Radius Pt. | --- |
| | | | | 504 | 37+97.30 | 200.00 RT |
| | | | | 505 | 37+97.30 | 135.00 RT |
| | | | | 3399 | 40+48.95 | 90.00 RT |
| | | | | 3400 | 41+98.95 | 75.00 RT |
| | | | | 3401 | 41+98.95 | 56.00 RT |
| | | | | 3402 | 44+24.96 | 56.00 RT |
| | | | | 3403 | 44+48.96 | 80.00 RT |
| | | | | 2652 | 45+08.96 | 79.99 RT |
| | | | | 3404 | 45+08.96 | 75.00 RT |
| | | | | 3405 | 45+18.68 | 65.26 RT |
| | | | | 3406 | Note 1 | --- |

STATIONS AND OFFSETS ARE FROM THE EX US80 CENTERLINE

+ = RIGHT CURVE

- = LEFT CURVE

Note 1: POINT FALLS OUTSIDE DEFINED CENTERLINE

| SANTA CRUZ LANE EXIST ADOT R/W MONUMENTATION | | | | | | |
|--|----------|--------------|--------------|--|----------|-----------|
| PT. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET | |
| | 2016 | 436736.68430 | 988306.51062 | 2" A.C. ON HEX BAR STAMPED "ROW 736 LS 18222" | 18+91.74 | 414.96 LT |
| | 2017 | 436720.10706 | 988406.58693 | 2" A.C. ON HEX BAR STAMPED "ROW 734 LS 18222" | 19+10.12 | 514.72 LT |
| | 2018 | 436719.68425 | 988306.74783 | 2" A.C. ON HEX BAR STAMPED "ROW 731 LS 18222" | 19+08.74 | 414.89 LT |
| | 2019 | 436702.68501 | 988306.90867 | 2" A.C. ON HEX BAR STAMPED "ROW 732 LS 18222" | 19+25.74 | 414.74 LT |
| | 2020 | 436701.10472 | 987933.75201 | 2" A.C. ON HEX BAR STAMPED "ROW 733 LS 18222" | 19+20.60 | 41.62 LT |
| | 2097 | 437568.80346 | 987853.48921 | 2" A.C. ON HEX BAR STAMPED "ROW 4500 LS 18222" | 10+50.63 | 69.50 RT |
| | 2100 | 437447.58593 | 987951.74479 | 2" A.C. ON HEX BAR STAMPED "ROW 4505 LS 18222" | 11+70.45 | 32.00 LT |
| | 2101 | 437451.62140 | 987887.87214 | 2" A.C. ON HEX BAR STAMPED "ROW 4504 LS 18222" | 11+70.45 | 32.00 RT |
| | 2102 | 437534.52967 | 987890.96170 | 2" A.C. ON HEX BAR STAMPED "ROW 4502 LS 18222" | 10+85.82 | 32.00 RT |
| | 2106 | 436809.20127 | 987858.17322 | 2" A.C. ON HEX BAR STAMPED "ROW 4508 LS 18222" | 18+11.16 | 32.00 RT |
| | 2109 | 435969.30613 | 987942.64124 | 2" A.C. ON HEX BAR STAMPED "ROW 712 LS 18222" | 26+52.44 | 37.33 LT |
| | 2110 | 435969.39028 | 987952.31129 | 2" A.C. ON HEX BAR STAMPED "ROW 1062 LS 18222" | 26+52.53 | 47.00 LT |
| | 2115 | 435100.03505 | 987866.15214 | 2" A.C. ON HEX BAR STAMPED "ROW 4512 LS 18222" | 35+20.20 | 54.80 RT |
| | 2116 | 435135.26755 | 987888.32129 | 2" A.C. ON HEX BAR STAMPED "ROW 4510 LS 18222" | 34+85.37 | 32.00 RT |

STATIONS AND OFFSETS ARE FROM THE SANTA CRUZ LANE CENTERLINE

| SANTA CRUZ LANE MISCELLANEOUS R/W MONUMENTATION | | | | | | |
|---|----------|--------------|--------------|---|----------|----------|
| PT. | NORTHING | EASTING | DESCRIPTION | STATION | OFFSET | |
| | 2015 | 436735.12589 | 987938.52015 | 1/2" REBAR BENT NO TAG OR CAP | 18+86.67 | 47.00 LT |
| | 2098 | 437564.99954 | 987978.57153 | 1 1/2" A.C. ON 1/2" REBAR STAMPED "RLS 12122" | 10+55.38 | 55.55 LT |
| | 2099 | 437530.11988 | 987954.91153 | 1 1/2" A.C. ON 1/2" REBAR STAMPED "RLS 12122" | 10+89.43 | 32.00 LT |

STATIONS AND OFFSETS ARE FROM THE SANTA CRUZ LANE CENTERLINE

| SANTA CRUZ LANE EXISTING R/W LINE | | | | | | |
|---|---------|------------|------------|---------|------------|----------|
| THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN. | | | | | | |
| LEFT SIDE | | | RIGHT SIDE | | | |
| PT. | STATION | OFFSET | PT. | STATION | OFFSET | |
| | 2435 | 10+55.23 | 0.56 LT | 2434 | 10+50.22 | 0.50 LT |
| | 2098 | 10+55.38 | 55.55 LT | 2097 | 10+50.63 | 69.50 RT |
| | 2099 | 10+89.43 | 32.00 LT | 2102 | 10+85.82 | 32.00 RT |
| | 2089+ | Radius Pt. | --- | 2089+ | Radius Pt. | --- |
| | 2100 | 11+70.45 | 32.00 LT | 2101 | 11+70.45 | 32.00 RT |
| | 2103 | 14+92.02 | 32.00 LT | 2105 | 15+45.62 | 32.00 RT |
| | 2015 | 18+86.67 | 47.00 LT | 2090- | Radius Pt. | --- |
| | 2016 | 18+91.74 | 414.96 LT | 2106 | 18+11.16 | 32.00 RT |
| | 2017 | 19+10.12 | 514.72 LT | 2116 | 34+85.37 | 32.00 RT |
| | 2018 | 19+08.74 | 414.89 LT | 2121+ | Radius Pt. | --- |
| | 2019 | 19+25.74 | 414.74 LT | 2115 | 35+20.19 | 54.80 RT |
| | 2125 | 19+20.67 | 47.00 LT | 2094- | Radius Pt. | --- |
| | 2020 | 19+20.60 | 41.62 LT | 2163 | Note 1 | --- |
| | 2109 | 26+52.44 | 37.33 LT | | | |
| | 2110 | 26+52.53 | 47.00 LT | | | |
| | 2111 | 26+82.50 | 47.00 LT | | | |
| | 2112 | 26+82.50 | 57.00 LT | | | |
| | 2113 | 27+28.50 | 57.00 LT | | | |
| | 2114 | 27+28.50 | 47.00 LT | | | |
| | 1119 | Note 1 | --- | | | |

STATIONS AND OFFSETS ARE FROM THE SANTA CRUZ LANE CENTERLINE

+ = RIGHT CURVE

- = LEFT CURVE

Note 1: POINT FALLS OUTSIDE DEFINED CENTERLINE

| CHANGE ORDER REVISIONS | | | | DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | |
|------------------------|------|----|--------------------------|---|---------------------------------|--|--|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS | SURVEY | June 2011 | HIGHWAY NAME: NOGALES - TUCSON | |
| | | | | DRAWN/DATE | J. Haws/May 11 | FEDERAL AID NO.: | |
| | | | | ADOT REVIEW | S. Parker | UNASSIGNED | |
| | | | |  HUBBARD ENGINEERING 480-892-3313 Mesa, AZ snelson@hubbardengineering.com Job # 10210 | | PROJECT NO.: | |
| | | | | ROUTE NO.: | 1-19 | 019 PM 057 H5105 01R | |
| | | | | LOCATION: | SAN XAVIER RD - JCT I-10 | | |

019-rw057-rs28.dgn

Professional Land
Surveyor AZ No. 21782
Digitally signed by
Scott A. Nelson
Date: 2014.01.30
15:54:11 -0700
(Expires 9-30-15)
ELECTRONIC SEAL
<http://www.btr.state.az.us/>

SHEET RS-28

RESULTS OF SURVEY

| MISCELLANEOUS MONUMENTATION | | | |
|-----------------------------|--------------|--------------|--|
| PT. | NORTHING | EASTING | DESCRIPTION |
| 112 | 429817.34393 | 997248.02829 | 2" B.C. IN PAVEMENT STAMPED "RLS 31032" |
| 1007 | 434687.48667 | 991565.17746 | 2" B.C. IN CONCRETE STAMPED "RLS 21787" |
| 1009 | 435029.19917 | 991560.06904 | 2" B.C. IN CONCRETE STAMPED "RLS 21787" |
| 1010 | 435426.23177 | 991554.00772 | 2" B.C. IN CONCRETE STAMPED "RLS 21787" |
| 1011 | 435801.08766 | 991548.34402 | 2" B.C. IN CONCRETE STAMPED "RLS 21787" |
| 1016 | 435052.94267 | 993460.88625 | MAG NAIL W/ SHINER |
| 1017 | 432953.98817 | 993494.23941 | 2" B.C. W/ PUNCH MARK |
| 1019 | 436550.97171 | 991536.88445 | 2" B.C. IN CONCRETE STAMPED "RLS 21787" |
| 1020 | 436925.88937 | 991531.13258 | 2" B.C. IN CONCRETE STAMPED "RLS 21787" |
| 1021 | 437300.88037 | 991525.47378 | 2" B.C. IN CONCRETE STAMPED "RLS 21787" |
| 1091 | 442681.63112 | 990141.12341 | 1/2" REBAR W/ TAG STAMPED "RLS 29873" |
| 1092 | 442725.38544 | 990145.37593 | 1/2" REBAR NO TAG BENT 1" EAST |
| 1093 | 442777.49812 | 990144.10686 | 1/2" REBAR W/ TAG STAMPED "RLS 29873" |
| 1094 | 442817.10782 | 990137.15957 | 1/2" REBAR NO TAG |
| 1095 | 442853.07322 | 990126.05134 | 1/2" REBAR W/ TAG STAMPED "RLS 29873" |
| 1096 | 442899.47575 | 990121.71832 | 1/2" REBAR W/ TAG STAMPED "RLS 29873" |
| 1097 | 443002.03566 | 990143.03530 | 1/2" REBAR W/ TAG STAMPED "RLS 29873" |
| 1098 | 443058.65120 | 990147.90342 | 1/2" REBAR W/ TAG STAMPED "RLS 29873" |
| 1099 | 443163.83178 | 990142.26386 | 1/2" REBAR W/ TAG STAMPED "RLS 29873" |
| 1188 | 435999.38740 | 987869.41013 | 1/2" RBAR W/ CAP STAMPED "TRAV POINT" |
| 1189 | 435043.71977 | 987889.01215 | 3" ADOT A.C. STAMPED "RLS 19862" |
| 1219 | 432808.69471 | 993571.48089 | PK NAIL W/ TAG STAMPED "RLS 37172" |
| 1220 | 432655.13551 | 993573.88684 | 1/2" REBAR W/ CAP STAMPED "RLS 37172" |
| 1228 | 431772.24791 | 996216.98264 | 2" B.C. W/ PUNCH MARK |
| 1229 | 431960.65084 | 996434.11024 | 2" B.C. W/ PUNCH MARK |
| 1230 | 431998.83667 | 996400.96379 | 2" B.C. W/ PUNCH MARK IN CUL-DE-SAC |
| 1234 | 433343.31565 | 991585.17068 | 2" B.C. STAMPED "RLS 21787" |
| 1235 | 433117.52808 | 991588.35896 | 2" B.C. STAMPED "RLS 21787" |
| 1236 | 433957.41348 | 991576.03908 | 2" B.C. STAMPED "RLS 21787" |
| 1237 | 433027.75636 | 991589.63554 | 2" B.C. STAMPED "RLS 21787" |
| 1238 | 433034.01885 | 991995.51568 | 2" B.C. IN PAVEMENT |
| 1239 | 432725.00879 | 992139.62701 | 2" B.C. IN PAVEMENT |
| 1240 | 432396.37494 | 992470.54348 | 2" B.C. STAMPED "CITY OF TUCSON RLS 23956" |
| 1241 | 432722.86654 | 991594.26499 | 1/2" REBAR NO TAG BENT 4" NORTHEAST |
| 1242 | 432388.27589 | 991599.14337 | 3/4" IRON BAR IN HAND HOLE |
| 1243 | 432387.34080 | 991492.08893 | 3/4" IRON BAR IN HAND HOLE |
| 1244 | 432379.47508 | 991179.67376 | 2" B.C. W/ PUNCH MARK |
| 1245 | 432384.32271 | 991166.10515 | 2" B.C. W/ PUNCH MARK |
| 1246 | 432415.89077 | 991101.55843 | 2" B.C. W/ PUNCH MARK |
| 1247 | 432450.18583 | 991073.29477 | 2" B.C. W/ PUNCH MARK |
| 1248 | 432382.53178 | 990979.25071 | 2" B.C. W/ PUNCH MARK |
| 1249 | 432359.89937 | 990807.37732 | 2" B.C. W/ PUNCH MARK |
| 1250 | 433638.20961 | 990636.22680 | 2" B.C. W/ PUNCH MARK |
| 1251 | 433328.18887 | 990638.85143 | 2" B.C. STAMPED "RLS 25086" |
| 1252 | 433018.14192 | 990641.48028 | 2" B.C. STAMPED "RLS 25086" |
| 1253 | 432708.12853 | 990644.14943 | 2" B.C. W/ PUNCH MARK |
| 1254 | 432715.52158 | 991119.15245 | 2" B.C. W/ PUNCH MARK |
| 1255 | 433025.55045 | 991114.60553 | 2" B.C. IN ROUND-ABOUT ISLAND |
| 1256 | 433335.74798 | 991110.01726 | 2" B.C. IN ROUND-ABOUT ISLAND |
| 1257 | 433645.40023 | 991105.51370 | 2" B.C. W/ PUNCH MARK |
| 1258 | 432714.80718 | 991394.34231 | 2" B.C. STAMPED "RLS 21787" |
| 1259 | 432719.83623 | 991400.75360 | 2" B.C. STAMPED "RLS 21787" |
| 1260 | 432365.37403 | 989295.31758 | 2" B.C. W/ PUNCH MARK |
| 1261 | 432370.38101 | 989295.29772 | 2" B.C. W/ PUNCH MARK |
| 1264 | 433707.04699 | 989668.78065 | 3" PCHD A.C. REFERENCE MARK STAMPED "W/C 357.77 PROP. COR. 1/16 LINE 20" |
| 1289 | 432479.83982 | 998519.90980 | 1-1/2" A.C. STAMPED "CITY OF TUCSON GPS" |
| 1320 | 429252.15162 | 987993.64226 | 2" B.C. W/ PUNCH MARK |
| 1326 | 429806.41166 | 987045.61061 | 5/8" REBAR NO TAG |
| 1330 | 429650.17803 | 989354.70233 | 2" B.C. W/ PUNCH MARK |
| 1331 | 429648.69086 | 989056.10749 | 2" B.C. W/ PUNCH MARK |
| 1332 | 429317.75224 | 988665.75695 | 2" B.C. W/ PUNCH MARK |
| 1335 | 417706.38647 | 988114.92668 | PK NAIL W/ WASHER STAMPED "CITY OF TUCSON RLS #20373" |
| 1348 | 427279.25940 | 988367.85219 | 5/8" REBAR NO TAG BENT 1" WEST |
| 1349 | 427451.16246 | 988364.98885 | 1-1/2" A.C. STAMPED "HAWKEYE LS 13187" |
| 1350 | 427623.24753 | 988363.42467 | 1-1/2" A.C. STAMPED "HAWK LS 13187" |
| 1381 | 429581.49561 | 987065.91500 | 2" B.C. IN PAVEMENT W/ PUNCH MARK |
| 1388 | 427645.18268 | 988053.15519 | 2" B.C. IN PAVEMENT STAMPED "PE 2663" |
| 1389 | 428390.13860 | 988046.38240 | 2" B.C. IN PAVEMENT STAMPED "PE 2663" |
| 1390 | 428740.25345 | 988043.12002 | 2" B.C. IN PAVEMENT STAMPED "PE 2663" |
| 1391 | 429098.93030 | 988039.76463 | 2" B.C. IN PAVEMENT STAMPED "PE 2663" |
| 1392 | 429172.26786 | 988039.14756 | 2" B.C. IN PAVEMENT STAMPED "PE 2663" |
| 1393 | 429324.86066 | 987974.82805 | 2" B.C. IN PAVEMENT STAMPED "PE 2663" |
| 1394 | 429583.43183 | 987474.33666 | 2" B.C. FLUSH IN PAVEMENT STAMPED "PE 2663" |

| MISCELLANEOUS MONUMENTATION | | | |
|-----------------------------|--------------|--------------|---|
| PT. | NORTHING | EASTING | DESCRIPTION |
| 1440 | 408462.97796 | 988204.68814 | 1/2" REBAR NO TAG OR CAP |
| 1444 | 416415.53084 | 989442.60456 | 2" B.C. IN PAVEMENT W/ PUNCH MARK |
| 1446 | 419095.47153 | 989443.71669 | 2" B.C. IN PAVEMENT STAMPED "RLS 25086" |
| 1457 | 419048.50605 | 988077.89734 | 3" B.C. STAMPED "T15S R13E 1/4 COR S2 S11 LS12213 1998" |
| 1501 | 416364.36789 | 988127.86219 | 1-1/2" IRON PIPE WITH STEM OF SHEARED OFF CAP |
| 1503 | 418991.83845 | 986438.63609 | 2" B.C. W/ PUNCH MARK |
| 1504 | 414415.91955 | 989440.00728 | 5/8" REBAR NO TAG |
| 1568 | 427082.36443 | 989379.02617 | 2" B.C. FLUSH IN CONCRETE |
| 1604 | 432336.69048 | 988893.38951 | 1/2" REBAR W/ TAG STAMPED "LS 12122" BENT 4" WEST |
| 1605 | 432319.37646 | 988838.22007 | 1/2" REBAR W/ TAG STAMPED "LS 12122" BENT 6" NORTHEAST |
| 1633 | 432908.68722 | 995635.20312 | SPLIT RAILS FOR CL RR TRACKS |
| 1634 | 432236.41778 | 995645.52132 | SPLIT RAILS FOR CL RR TRACKS |
| 1685 | 419113.09060 | 989945.01521 | 2" B.C. IN PAVEMENT |
| 1750 | 432400.86097 | 993502.75331 | 2" B.C. IN PAVEMENT |
| 1752 | 435109.61602 | 993420.56172 | CHISELED 'X' |
| 1764 | 433988.17317 | 997194.63407 | 2" B.C. IN PAVEMENT |
| 1767 | 431242.33880 | 996677.01967 | 2" B.C. W/ PUNCH MARK |
| 1768 | 430826.89532 | 997037.64075 | 2" B.C. W/ PUNCH MARK |
| 1844 | 431412.76568 | 997138.37750 | 1/2" REBAR NO TAG BENT 4" NORTH |
| 1849 | 433321.72515 | 989929.13239 | 2" B.C. W/ PUNCH MARK |
| 1850 | 433631.56798 | 989926.50135 | 2" B.C. W/ PUNCH MARK |
| 1851 | 433628.74659 | 989626.54604 | 2" B.C. W/ PUNCH MARK |
| 1852 | 433005.92199 | 989289.64716 | 2" B.C. W/ PUNCH MARK |
| 1853 | 433011.84665 | 989931.82321 | 2" B.C. W/ PUNCH MARK |
| 1928 | 432701.87219 | 989934.47023 | 2" B.C. W/ PUNCH MARK |
| 1929 | 432696.15169 | 989292.40937 | 2" B.C. W/ 2 PUNCH MARKS |
| 1930 | 432377.06231 | 989937.23489 | 2" B.C. W/ PUNCH MARK |
| 1931 | 433690.27410 | 989956.08445 | 1/2" REBAR NO TAG BENT 2" SOUTH |
| 1932 | 433694.80096 | 990305.68153 | 1" IRON PIPE BENT 9" SOUTH |
| 1938 | 442844.39971 | 982612.64523 | 2" OPEN IRON PIPE NO TAG IN MOUND OF STONES |
| 1940 | 444182.13120 | 983916.27879 | 2" OPEN IRON PIPE NO TAG IN MOUND OF STONES |
| 1953 | 408458.02953 | 988203.90764 | 1-1/2" A.C.P ILLEGIBLE |
| 1954 | 408458.16285 | 988206.72181 | 3/4" IRON BAR |
| 1957 | 421787.73849 | 990748.90726 | 1-1/2" A.C. IN PAVEMENT |
| 1959 | 421780.34812 | 990397.93249 | 2" B.C. STAMPED "LS x785" |
| 1960 | 421767.29239 | 989775.07911 | 2" B.C. STAMPED "LS 4785" |
| 1961 | 421692.29415 | 989776.63040 | 2" B.C. IN PAVEMENT |
| 1962 | 421760.79113 | 989464.17590 | 2" B.C. STAMPED "LS 4785" |
| 1963 | 421685.86479 | 989465.75901 | 2" B.C. WITH CHISELED "X" |
| 1964 | 421754.58403 | 989168.38417 | 1-1/2" A.C. STAMPED "CITY OF TUCSON" |
| 1965 | 421679.65909 | 989169.83415 | 2" B.C. WITH CHISELED "X" |
| 1966 | 421673.66793 | 988888.89446 | 2" B.C. WITH CHISELED "X" |
| 1967 | 421662.76990 | 988368.00810 | 2" B.C. IN PAVEMENT |
| 1968 | 421732.77827 | 988366.58826 | 60D NAIL NO TAG IN PAVEMENT |
| 1981 | 435953.02833 | 987875.19767 | 1/2" REBAR NO TAG |
| 1982 | 435960.84934 | 987942.75141 | 2" B.C. STAMPED "CITY OF TUCSON RLS 23956" |
| 1988 | 433647.72905 | 991580.70427 | 2" B.C. STAMPED "RLS 21787" |
| 1989 | 433652.79521 | 991900.58638 | MAG NAIL W/ SHINER IN CENTER OF CUL-DE-SAC |
| 2013 | 437565.84437 | 987923.01419 | 3" ADOT A.C. STAMPED "RLS 19862" |
| 2014 | 437449.60367 | 987919.80846 | B.C. STEM IN CONCRETE |
| 2091 | 437075.17659 | 987896.15217 | 3" ADOT A.C. STAMPED "RLS 19862" |
| 2092 | 436809.77751 | 987890.16803 | 3" ADOT A.C. STAMPED "RLS 19862" |
| 2093 | 435044.20713 | 987921.96651 | 3" ADOT A.C. STAMPED "RLS 19862" |
| 2312 | 430611.27473 | 990664.19891 | 2" B.C. W/ PUNCH MARK |
| 2313 | 431059.66235 | 990660.11335 | 2" B.C. W/ PUNCH MARK |
| 2317 | 414433.45132 | 990143.74484 | 2" A.C. IN PAVEMENT |
| 2318 | 414117.43127 | 990149.66532 | 60D NAIL IN PAVEMENT |
| 2319 | 415076.73326 | 989440.63146 | 60D NAIL IN PAVEMENT |
| 2322 | 413366.81288 | 990165.59607 | 60D NAIL IN PAVEMENT |
| 2362 | 426083.52128 | 989388.94854 | 2" B.C. W/ CHISELED "X" |
| 2364 | 425686.09024 | 989393.29348 | PK NAIL WITH WASHER STAMPED "SURVEY POINT DO NOT DISTURB" |
| 2389 | 424369.39557 | 989564.17875 | 5/8" REBAR W/ TAG STAMPED "PE 4670 LS15332" |
| 2394 | 424347.96403 | 989117.60740 | 1/2" REBAR W/ TAG STAMPED "RLS 23962" |
| 2608 | 403127.65096 | 985641.49204 | 3" A.C. STAMPED "T15S R13E S22 S23 S27 S26 15573 2008" |

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| CHANGE ORDER REVISIONS | | | DRAWING NO. | D-10-T-419 | ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION | |
|------------------------|------|----|--------------------------|---|--|--------------------------|
| C.O. NO. | DATE | BY | DESCRIPTION OF REVISIONS | SURVEY | June 2011 | HIGHWAY NAME: |
| | | | | DRAWN/DATE | J. Haws/May 11 | NOGALES - TUCSON |
| | | | | ADOT REVIEW | S. Parker | FEDERAL AID NO.: |
| | | | |  HUBBARD ENGINEERING 480-892-3313 Mesa, AZ snelson@hubbardengineering.com Job # 10210 | | PROJECT NO.: |
| | | | | ROUTE NO.: | 1-19 | LOCATION: |
| | | | | | | UNASSIGNED |
| | | | | | | 019 PM 057 H5105 01R |
| | | | | | | SAN XAVIER RD - JCT I-10 |

Professional Land
Surveyor AZ No. 21782
Digitally signed by
Scott A. Nelson
Date: 2014.01.30
15:55:25 -07'00'
(Expires 9-30-15)
ELECTRONIC SEAL
<http://www.btr.state.az.us/>

RESULTS OF SURVEY

| CALCULATED POINTS | | | CALCULATED POINTS | | | CALCULATED POINTS | | | CALCULATED POINTS | | | CALCULATED POINTS | | | CALCULATED POINTS | | |
|-------------------|--------------|---------------|-------------------|--------------|--------------|-------------------|--------------|---------------|-------------------|--------------|--------------|-------------------|--------------|---------------|-------------------|--------------|--------------|
| PT. | NORTHING | EASTING | PT. | NORTHING | EASTING | PT. | NORTHING | EASTING | PT. | NORTHING | EASTING | PT. | NORTHING | EASTING | PT. | NORTHING | EASTING |
| 300 | 443809.36185 | 989844.20054 | 392 | 443220.99447 | 990197.49516 | 553 | 401310.55278 | 1005112.96220 | 640 | 431412.42763 | 997138.50824 | 757 | 424313.28208 | 987329.34651 | 876 | 413721.49433 | 988043.19734 |
| 301 | 438207.74008 | 989931.15394 | 393 | 443184.03331 | 990208.66018 | 554 | 406566.50001 | 986755.48147 | 641 | 431298.44975 | 997270.50695 | 758 | 424321.10442 | 987246.97490 | 877 | 416361.75412 | 987995.98224 |
| 302 | 437057.28083 | 990372.38107 | 399 | 441852.28057 | 990127.33056 | 555 | 409574.50041 | 987616.70484 | 645 | 444008.57573 | 989699.12093 | 759 | 424463.49314 | 986713.94224 | 878 | 416358.68851 | 987846.01308 |
| 303 | 434860.81837 | 991214.77407 | 400 | 441259.06113 | 990206.70749 | 556 | 412727.22702 | 976605.15632 | 646 | 443969.96444 | 990148.38164 | 760 | 424313.50849 | 986716.08822 | 879 | 421720.15020 | 987849.39388 |
| 304 | 439034.54434 | 989918.31954 | 404 | 440353.23060 | 990236.10509 | 557 | 412932.02310 | 988057.31526 | 647 | 442781.67161 | 989613.31439 | 761 | 419199.55017 | 988095.25164 | 880 | 421270.67319 | 988266.17005 |
| 305 | 438734.68777 | 989926.90127 | 407 | 440142.23198 | 990188.22186 | 558 | 419208.00406 | 987945.08347 | 648 | 442810.48727 | 989601.61383 | 762 | 419610.99594 | 1010859.85372 | 881 | 422302.40487 | 988081.67078 |
| 306 | 438943.87141 | 993740.88771 | 409 | 439152.24705 | 990171.25314 | 559 | 419617.78093 | 1010859.72979 | 649 | 440264.84676 | 989899.22168 | 764 | 421834.44002 | 987894.46669 | 882 | 424409.97264 | 988214.86154 |
| 307 | 437717.13956 | 990123.51582 | 410 | 439094.31135 | 990157.16067 | 560 | 421411.70657 | 988011.73677 | 650 | 434246.90035 | 991571.73226 | 765 | 421804.31004 | 987816.75986 | 883 | 421423.44186 | 987862.19699 |
| 308 | 437435.67065 | 990227.26002 | 412 | 438832.06116 | 989770.03443 | 561 | 423197.46786 | 988151.94703 | 651 | 434158.15510 | 991573.05256 | 767 | 413668.47490 | 985864.26792 | 884 | 404929.29568 | 987188.55562 |
| 309 | 438834.55364 | 989921.42398 | 414 | 439033.14891 | 990157.53001 | 562 | 424989.92165 | 965322.62494 | 652 | 432279.76805 | 997218.89339 | 768 | 413692.52114 | 986463.03527 | 885 | 404308.29344 | 986625.67475 |
| 310 | 437622.42186 | 990155.63671 | 417 | 438948.51147 | 990213.03828 | 563 | 425203.40672 | 988221.21140 | 654 | 431229.16920 | 997231.32387 | 769 | 406059.23410 | 986769.58475 | 886 | 408156.18402 | 982380.64273 |
| 311 | 437074.32233 | 990416.81523 | 418 | 438922.61868 | 990188.22934 | 564 | 430467.75097 | 988172.13156 | 655 | 433857.94357 | 991612.54150 | 770 | 413697.24050 | 986621.59189 | 887 | 403820.41908 | 986126.02402 |
| 312 | 433253.53269 | 993131.25203 | 420 | 438099.63117 | 989828.06930 | 565 | 430510.48288 | 992755.59237 | 656 | 433928.72047 | 991661.65973 | 771 | 421336.36970 | 986531.54816 | 888 | 403238.97776 | 985452.96257 |
| 313 | 433162.25440 | 993274.18957 | 421 | 437880.30040 | 989833.02833 | 566 | 434263.11299 | 990123.53875 | 657 | 434305.09152 | 991616.87095 | 772 | 413731.22900 | 987254.65153 | 889 | 403961.60525 | 984828.70236 |
| 314 | 433149.52450 | 993571.89160 | 422 | 437703.13322 | 989847.48196 | 567 | 434616.86391 | 990627.89638 | 658 | 436735.64226 | 989827.08588 | 773 | 413735.12307 | 987295.60682 | 890 | 403044.19592 | 985093.75220 |
| 315 | 425714.39932 | 991816.91098 | 424 | 438508.79686 | 990583.05359 | 571 | 421725.50617 | 988036.37534 | 667 | 436731.55711 | 989356.10689 | 774 | 406129.98237 | 988018.71019 | 891 | 403304.54817 | 985467.67724 |
| 316 | 433043.20426 | 993973.21838 | 427 | 436719.32447 | 990944.53831 | 578 | 433022.29140 | 993867.15479 | 668 | 436313.58206 | 989360.54226 | 775 | 413767.20566 | 987834.68883 | 892 | 403321.97419 | 985189.15260 |
| 317 | 433069.99690 | 993665.04635 | 428 | 436202.73247 | 991327.11592 | 579 | 433101.81900 | 993774.00004 | 669 | 436312.86954 | 989278.47472 | 776 | 413776.52857 | 988221.60652 | 893 | 403344.94818 | 985229.00478 |
| 318 | 425634.87171 | 991910.06574 | 429 | 436045.26841 | 991329.51097 | 580 | 432235.61410 | 996540.89440 | 671 | 435697.86019 | 989122.23501 | 777 | 406139.30528 | 988405.62789 | 894 | 403347.04020 | 985516.86491 |
| 319 | 432963.67666 | 994066.37313 | 430 | 435995.65579 | 991355.26847 | 581 | 432276.37283 | 996579.50632 | 672 | 434998.08146 | 989132.36188 | 778 | 413767.53430 | 988819.34940 | 895 | 403698.45115 | 985998.35216 |
| 320 | 432426.24120 | 996070.13736 | 431 | 435975.96330 | 991375.56579 | 582 | 431775.76095 | 997521.90139 | 673 | 434998.92791 | 989197.36354 | 779 | 413765.21751 | 988862.06662 | 896 | 403486.02570 | 985555.37504 |
| 321 | 432393.75171 | 996003.42015 | 432 | 435828.49599 | 991377.81141 | 583 | 431817.53933 | 997611.90194 | 679 | 402343.29527 | 985895.61204 | 780 | 421393.44653 | 989275.78813 | 897 | 403425.48702 | 985607.67293 |
| 322 | 425344.31557 | 993929.30966 | 433 | 435621.75524 | 991425.94261 | 584 | 433161.42707 | 993277.69466 | 680 | 403136.79585 | 986256.10954 | 781 | 413755.46102 | 989424.85486 | 898 | 403450.19093 | 985636.26954 |
| 323 | 425070.37868 | 993800.90003 | 434 | 435601.22503 | 991391.25045 | 585 | 433219.12337 | 993277.03004 | 681 | 403590.24844 | 986335.76222 | 782 | 413769.97365 | 990168.46326 | 899 | 403463.21813 | 985636.05250 |
| 324 | 424723.72423 | 993803.87507 | 435 | 435453.64058 | 991383.47955 | 586 | 432442.79113 | 995836.74616 | 682 | 403919.59905 | 986348.39629 | 783 | 421407.95916 | 990019.39653 | 900 | 403731.24060 | 986022.79332 |
| 325 | 425090.03226 | 993966.67544 | 436 | 435246.17797 | 991386.63356 | 587 | 432420.48239 | 995912.56857 | 683 | 403926.94652 | 985881.54660 | 784 | 413779.11523 | 990421.62007 | 901 | 404559.02259 | 986852.93744 |
| 326 | 432060.73357 | 997064.70418 | 437 | 435225.26747 | 991326.94208 | 588 | 432472.80053 | 995911.89267 | 685 | 405346.14213 | 986602.69276 | 785 | 413780.09664 | 990440.23422 | 902 | 402948.12507 | 985121.50815 |
| 327 | 431997.82015 | 997048.18140 | 438 | 435149.81973 | 991298.08428 | 589 | 432445.12999 | 996005.93862 | 686 | 406525.21230 | 986899.68731 | 786 | 406151.25271 | 990842.45776 | 904 | 403082.62425 | 985082.64982 |
| 328 | 431491.28173 | 997960.98244 | 439 | 435077.34157 | 991299.18483 | 590 | 434081.77778 | 991529.18388 | 687 | 406621.55029 | 986563.20701 | 787 | 413789.23533 | 990693.24292 | 910 | 439033.29988 | 990182.52955 |
| 329 | 431491.93956 | 998114.45056 | 440 | 435076.84243 | 991266.37707 | 591 | 433986.72148 | 991530.59807 | 689 | 408561.48848 | 987170.64149 | 788 | 413790.56534 | 990761.32334 | 911 | 440143.24117 | 990238.21168 |
| 330 | 431323.42904 | 998297.29718 | 441 | 435076.84243 | 991266.37707 | 593 | 433856.88918 | 991542.54944 | 693 | 405204.26424 | 986214.83734 | 789 | 413698.36331 | 986679.54101 | 912 | 440393.07745 | 990220.63793 |
| 331 | 431107.49361 | 998553.34201 | 442 | 433749.94450 | 992222.18831 | 596 | 434544.04599 | 991479.65602 | 696 | 412528.94816 | 988180.92959 | 790 | 413772.20789 | 988042.29045 | 913 | 441255.40772 | 989698.17350 |
| 332 | 431208.34830 | 998552.16093 | 443 | 433660.23020 | 992342.31622 | 597 | 434504.43125 | 991532.89698 | 697 | 412529.02819 | 988193.39145 | 792 | 413580.43592 | 986338.76863 | 914 | 441366.34519 | 989712.61282 |
| 333 | 429852.34313 | 1000567.85219 | 444 | 433559.73356 | 992484.49345 | 598 | 434439.45586 | 991533.86365 | 698 | 412598.65951 | 988200.55346 | 793 | 413605.11204 | 986730.45820 | 915 | 441596.53669 | 989708.98957 |
| 334 | 434950.10010 | 991231.50248 | 471 | 431416.36587 | 998429.71693 | 599 | 434505.48715 | 991602.88902 | 699 | 412600.46363 | 988184.72244 | 801 | 413290.63107 | 987152.92175 | 916 | 440268.23488 | 990236.95776 |
| 335 | 433527.67223 | 991726.06575 | 472 | 432603.07233 | 991349.30987 | 600 | 434353.12755 | 991616.15696 | 700 | 412736.72395 | 988194.12241 | 802 | 412420.05383 | 986838.66780 | 917 | 440262.53648 | 989668.92694 |
| 336 | 433577.71054 | 991757.84489 | 483 | 434725.36171 | 991401.97952 | 604 | 432928.56261 | 997297.18934 | 701 | 412736.31421 | 988200.61271 | 804 | 412492.25646 | 987827.77599 | 918 | 440089.54888 | 986636.70980 |
| 337 | 435544.67403 | 993479.48613 | 484 | 434655.41046 | 991430.24415 | 605 | 433230.25220 | 997292.90535 | 709 | 415044.81579 | 988149.79481 | 808 | 413517.13714 | 986732.55970 | 919 | 440134.21272 | 989686.19995 |
| 338 | 435544.58363 | 993479.42124 | 485 | 434655.41046 | 991430.24415 | 606 | 433277.08298 | 997244.73557 | 718 | 419114.44385 | 987546.72433 | 810 | 412217.80578 | 984068.05981 | 920 | 442909.16438 | 989740.16000 |
| 341 | 434541.88087 | 991346.10160 | 486 | 434600.24776 | 991453.85580 | 607 | 432552.60110 | 995640.66844 | 719 | 419104.44956 | 987547.06231 | 816 | 413697.40627 | 988655.49168 | 921 | 442912.99376 | 990212.91721 |
| 342 | 434490.26707 | 991427.18447 | 489 | 432617.29549 | 997334.11261 | 608 | 432500.24539 | 995641.47201 | 720 | 419080.76967 | 986846.82800 | 817 | 413697.32221 | 988661.88721 | 922 | 442906.55880 | 989418.48858 |
| 343 | 433354.92198 | 992606.61176 | 496 | 432832.47735 | 993496.10974 | 610 | 431810.49930 | 997174.44219 | 721 | 418930.85536 | 986851.89767 | 818 | 413699.77755 | 988787.10091 | 923 | 442905.86235 | 989332.50813 |
| 344 | 433349.50817 | 992768.85605 | 497 | 432898.11666 | 993565.10769 | 611 | 432231.82965 | 995915.61873 | 724 | 419141.85564 | 988346.29866 | 820 | 413693.13930 | 990213.21337 | 924 | 438923.51208 | 990233.21337 |
| 347 | 433268.88413 | 992822.45216 | 501 | 432611.52772 | 994808.02650 | 612 | 432231.82965 | 995915.61873 | 725 | 419131.86182 | 988346.65035 | 821 | 413694.10276 | 989086.91706 | 925 | 443019.91574 | 989728.43961 |
| 348 | 433310.98499 | 992887.86172 | 503 | 432288.97005 | 995741.22610 | 617 | 431571.63014 | 997177.26844 | 728 | 419156.42807 | 989044.74425 | 822 | 413696.89433 | 989229.73181 | 926 | 403012.24092 | 985288.68570 |
| 349 | 434646.01438 | 991297.15384 | 504 | 431894.90913 | 996388.86200 | 618 | 431575.41819 | 997187.22432 | 734 | 422526.19985 | 988249.70378 | 823 | 413698.35950 | 989306.91941 | 928 | 402185.64730 | 984989.29073 |
| 350 | 434638.69492 | 991350.93111 | 505 | 431937.50875 | 996437.95652 | 620 | 431157.92095 | 998552.75147 | 735 | 422666.66236 | 988260.73225 | 824 | 413699.23460 | 989395.939 | | | |

RESULTS OF SURVEY

CONTINUED FROM RS-31

| CALCULATED POINTS | | |
|-------------------|--------------|--------------|-------------------|--------------|--------------|-------------------|--------------|--------------|-------------------|--------------|--------------|-------------------|--------------|--------------|-------------------|--------------|--------------|
| PT. | NORTHING | EASTING |
| 964 | 432878.65226 | 988149.65456 | 2050 | 437628.86924 | 990021.47916 | 2216 | 405402.81978 | 987617.76127 | 2448 | 432371.98709 | 989937.27809 | 3270 | 434993.71026 | 993512.01513 | 3394 | 433866.01854 | 992036.62214 |
| 965 | 427066.18262 | 988353.52980 | 2051 | 435652.39171 | 990158.76429 | 2217 | 411946.56220 | 998655.86491 | 2449 | 432703.12949 | 990644.24732 | 3271 | 433125.00784 | 993117.65900 | 3395 | 433478.91537 | 993537.09748 |
| 966 | 427066.72751 | 988403.78822 | 2052 | 432498.34819 | 988548.86804 | 2218 | 412227.13584 | 991470.55567 | 2450 | 432710.52158 | 991119.15245 | 3272 | 433078.52261 | 993413.95203 | 3397 | 442923.55138 | 989447.96211 |
| 967 | 427219.45932 | 988402.36429 | 2053 | 404088.58610 | 985931.54559 | 2219 | 412226.71262 | 987847.16008 | 2451 | 432717.86654 | 991594.26499 | 3273 | 433431.94628 | 992408.17128 | 3398 | 442960.99972 | 989540.49843 |
| 968 | 427218.75322 | 988329.75687 | 2054 | 403820.58816 | 985999.97853 | 2220 | 412763.43524 | 987807.98056 | 2452 | 432383.24760 | 991599.21669 | 3274 | 433104.34619 | 993215.56650 | 3400 | 431673.46562 | 996746.50694 |
| 969 | 427283.21153 | 988319.19634 | 2055 | 403877.60811 | 986191.22055 | 2221 | 413530.07993 | 987274.38278 | 2454 | 432691.15171 | 989292.43365 | 3279 | 427901.52607 | 992832.73695 | 3404 | 431439.31778 | 996949.67843 |
| 970 | 428286.37793 | 988309.84375 | 2056 | 402768.57448 | 985745.65520 | 2223 | 413848.47647 | 989409.94467 | 2455 | 433000.92221 | 989289.69328 | 3280 | 432898.23224 | 994303.65072 | 3405 | 431438.35476 | 996963.40574 |
| 971 | 428307.97696 | 990626.57307 | 2057 | 402501.12227 | 985951.77959 | 2225 | 413780.65221 | 986332.23251 | 2456 | 433346.44390 | 989898.92140 | 3281 | 432858.79295 | 994437.62631 | 3406 | 431172.24161 | 997181.99392 |
| 972 | 428488.37599 | 988316.77709 | 2058 | 402895.07576 | 985648.16115 | 2233 | 413790.23639 | 986733.45435 | 2457 | 433596.28706 | 989896.79986 | 3282 | 434788.01950 | 991295.59639 | 3409 | 436008.63028 | 991515.16902 |
| 973 | 428700.85892 | 988333.37238 | 2059 | 405216.69903 | 986520.44313 | 2238 | 413807.21227 | 986815.99150 | 2460 | 422824.26374 | 987972.18311 | 3283 | 434511.04426 | 991410.64052 | 3413 | 436143.33487 | 991366.91410 |
| 974 | 428672.66960 | 988694.30323 | 2068 | 434493.37954 | 990812.83141 | 2239 | 413808.16750 | 986855.98009 | 2461 | 429753.92782 | 988418.50003 | 3284 | 435334.94408 | 993133.64712 | 3414 | 436143.98654 | 991409.47030 |
| 975 | 428921.22709 | 988431.08299 | 2069 | 434443.37552 | 990813.57184 | 2241 | 413600.70354 | 986336.53103 | 2463 | 433942.98778 | 990633.54554 | 3285 | 433899.10644 | 991874.30872 | 3415 | 436048.62819 | 991514.55765 |
| 976 | 429259.75218 | 988072.58783 | 2070 | 434441.00755 | 990659.24802 | 2383 | 424474.72478 | 987498.93165 | 2464 | 433950.14115 | 991100.90583 | 3286 | 433713.41614 | 992109.82846 | 3421 | 430762.50984 | 997146.55048 |
| 977 | 429225.69317 | 988564.48010 | 2071 | 437101.64613 | 990601.95862 | 2385 | 424337.37610 | 987335.74635 | 2466 | 433311.00371 | 989316.94761 | 3287 | 434601.31831 | 991367.47367 | 3422 | 430715.45736 | 997187.39878 |
| 978 | 429549.88545 | 988815.14933 | 2072 | 435025.79633 | 991286.02909 | 2386 | 424338.52143 | 987415.79427 | 2467 | 433272.60485 | 989287.28636 | 3288 | 433833.12550 | 991949.53701 | 3423 | 430646.54609 | 997238.21734 |
| 979 | 429362.41550 | 989057.60553 | 2073 | 433388.86022 | 993275.07482 | 2387 | 424423.39479 | 989147.00408 | 2469 | 403450.13662 | 985636.20666 | 3300 | 433066.66114 | 993505.07583 | 3424 | 430563.85210 | 997299.19996 |
| 981 | 429670.27828 | 989354.25414 | 2074 | 432429.48771 | 995061.01632 | 2388 | 424489.38313 | 989562.45102 | 2482 | 429817.88587 | 997248.02188 | 3301 | 427418.04650 | 992782.91696 | 3426 | 430825.28781 | 997342.10993 |
| 982 | 429730.27763 | 989353.97513 | 2076 | 432465.44929 | 997828.73119 | 2389 | 424369.39557 | 989564.17875 | 2483 | 433385.96826 | 993773.77246 | 3302 | 432914.42233 | 994400.92183 | 3429 | 431066.41043 | 997273.25239 |
| 984 | 427216.29946 | 988077.43963 | 2077 | 434390.21146 | 990579.68349 | 2390 | 424364.04340 | 989192.48068 | 2487 | 432402.76368 | 993502.72402 | 3303 | 432900.04278 | 994449.76930 | 7075 | 402979.70247 | 985640.17445 |
| 986 | 429105.49384 | 988059.82654 | 2078 | 434140.30839 | 990209.67255 | 2391 | 424348.82791 | 989177.60240 | 2488 | 413670.86955 | 985923.89626 | 3306 | 433013.82496 | 993910.98132 | 7076 | 403921.43274 | 985628.41839 |
| 987 | 429099.96587 | 987466.89231 | 2079 | 435006.95089 | 989813.48064 | 2392 | 424098.83083 | 989179.60515 | 2489 | 405780.74012 | 986342.83867 | 3308 | 433041.57429 | 993968.98557 | 7101 | 438201.07147 | 989931.25747 |
| 988 | 429248.77591 | 988040.87588 | 2080 | 403407.57887 | 985464.56703 | 2393 | 424097.96695 | 989119.61015 | 2490 | 405787.59197 | 986704.48111 | 3309 | 433582.02410 | 992285.76306 | 7102 | 439030.38758 | 989918.38408 |
| 989 | 429199.83927 | 987852.11623 | 2081 | 403102.24567 | 985294.68504 | 2395 | 424362.74758 | 989102.48879 | 2491 | 405784.65441 | 986549.43628 | 3310 | 433408.91443 | 992530.67830 | 7103 | 438730.53102 | 989926.96580 |
| 990 | 429339.00794 | 987988.70715 | 2082 | 404049.10324 | 986390.74290 | 2396 | 419006.52086 | 989050.01956 | 2492 | 403398.08215 | 985637.13770 | 3311 | 435024.07873 | 993549.89835 | 7104 | 438939.71466 | 993740.95225 |
| 991 | 429433.72737 | 987892.20495 | 2083 | 404956.15901 | 987158.91846 | 2397 | 418974.64880 | 988144.31806 | 2493 | 403134.35675 | 986105.17908 | 3312 | 433155.37630 | 993155.54223 | 7105 | 437708.37218 | 990125.14720 |
| 992 | 429010.55069 | 987476.84600 | 2084 | 404902.43234 | 987218.19278 | 2398 | 418949.23454 | 988145.21240 | 2494 | 403135.07046 | 986149.34350 | 3313 | 433108.89107 | 993451.83526 | 7106 | 437427.03575 | 990229.25015 |
| 993 | 429603.50413 | 987474.05663 | 2085 | 433275.94709 | 997164.74363 | 2399 | 418948.77596 | 988119.78653 | 2496 | 402885.27473 | 985639.22362 | 3314 | 433462.31474 | 992446.05450 | 7107 | 438830.39689 | 989921.48551 |
| 994 | 429601.72660 | 987096.19487 | 2087 | 432458.62291 | 997216.35366 | 2400 | 418868.78897 | 988121.22917 | 2497 | 402742.74340 | 985637.78841 | 3315 | 433134.71466 | 993253.44972 | 7108 | 437613.69551 | 990157.38881 |
| 995 | 429559.72706 | 987096.39245 | 2089 | 437552.82474 | 986286.04597 | 2401 | 429792.81857 | 987115.29616 | 2498 | 400489.59015 | 986029.91222 | 3317 | 432409.54644 | 996039.85490 | 7109 | 434150.06928 | 991573.17285 |
| 998 | 429794.44221 | 987035.28764 | 2090 | 436868.73443 | 991163.67716 | 2402 | 429719.58417 | 987065.64012 | 2499 | 430228.12054 | 985179.67355 | 3318 | 425081.04533 | 993882.51508 | | | |
| 999 | 429843.64715 | 987291.31530 | 2094 | 435043.66691 | 987891.97137 | 2403 | 429792.58336 | 987065.29671 | 2645 | 432462.10688 | 995861.30665 | 3319 | 431492.43888 | 998036.43809 | | | |
| 1445 | 419094.71940 | 989423.76039 | 2095 | 437507.66705 | 987923.47691 | 2404 | 429842.81801 | 987115.06095 | 2646 | 431085.52168 | 995456.07207 | 3320 | 432879.41786 | 994443.69780 | | | |
| 1993 | 435769.18759 | 991423.71485 | 2096 | 436942.59845 | 987887.77589 | 2405 | 424397.94262 | 987374.91191 | 2647 | 432025.98488 | 996539.92208 | 3321 | 436523.77902 | 990576.99107 | | | |
| 2000 | 433309.26283 | 989316.96302 | 2103 | 437126.65763 | 987931.46854 | 2406 | 424422.21034 | 989064.74670 | 2648 | 432343.42207 | 996264.47991 | 3322 | 436440.54174 | 990609.03623 | | | |
| 2001 | 433341.00254 | 989316.68204 | 2105 | 437077.19433 | 987864.21585 | 2409 | 413680.68072 | 986334.62058 | 2649 | 432446.10242 | 995912.16628 | 3324 | 434235.62215 | 991571.90005 | | | |
| 2002 | 433684.33563 | 989659.78881 | 2111 | 435939.42514 | 987952.85097 | 2411 | 434423.95317 | 990629.64207 | 2650 | 432444.14917 | 995917.95215 | 3325 | 433096.91543 | 993278.43778 | | | |
| 2004 | 433467.13998 | 989447.17979 | 2112 | 435939.60521 | 987962.84935 | 2417 | 432759.69034 | 995618.98779 | 2651 | 431844.47509 | 996763.61805 | 3326 | 433133.10509 | 993278.02090 | | | |
| 2005 | 433468.07898 | 989547.33109 | 2113 | 435893.61267 | 987963.67769 | 2418 | 432720.37104 | 995619.59127 | 2652 | 431436.04975 | 996945.91405 | 3327 | 433068.30817 | 993492.42282 | | | |
| 2006 | 433592.98917 | 989546.18607 | 2114 | 435893.43260 | 987953.67931 | 2419 | 432686.37783 | 995735.12656 | 3076 | 431282.15842 | 988112.62293 | 3328 | 433103.68101 | 993491.86073 | | | |
| 2007 | 430130.12398 | 987289.96765 | 2121 | 435134.58327 | 987850.32746 | 2420 | 430595.45619 | 987968.07942 | 3077 | 430785.99461 | 988030.15901 | 3329 | 432526.94169 | 995641.06227 | | | |
| 2008 | 429965.16895 | 987524.19111 | 2125 | 436701.12751 | 987939.13248 | 2421 | 429844.34234 | 987439.09734 | 3078 | 430416.18617 | 987878.51925 | 3330 | 432447.13811 | 995912.15567 | | | |
| 2009 | 430433.46016 | 987853.99152 | 2131 | 437629.42572 | 990152.91209 | 2422 | 429842.58280 | 987065.06151 | 3079 | 429947.89496 | 987548.71884 | 3331 | 432444.19597 | 995922.15015 | | | |
| 2010 | 430933.21379 | 987144.37980 | 2132 | 437702.77331 | 989762.47395 | 2423 | 431171.01654 | 988286.48205 | 3080 | 429813.64748 | 987291.45642 | 3332 | 432096.05725 | 997104.78025 | | | |
| 2011 | 430790.91323 | 988000.56497 | 2133 | 437627.77398 | 989762.79150 | 2424 | 430752.28401 | 991120.53510 | 3081 | 429812.44201 | 987035.20296 | 3333 | 431951.53981 | 997222.77692 | | | |
| 2012 | 431287.07704 | 988083.02889 | 2139 | 413749.03576 | 989411.90634 | 2425 | 430045.48464 | 988344.27353 | 3195 | 425737.67525 | 988216.23038 | 3335 | 432833.51714 | 993562.51905 | | | |
| 2026 | 413695.70394 | 986542.28908 | 2140 | 413669.44463 | 985864.24476 | 2426 | 430139.72308 | 988714.43592 | 3196 | 419122.89330 | 987796.58150 | 3342 | 434758.47728 | 991256.60699 | | | |
| 2027 | 413703.94695 | 986967.71627 | 2156 | 403934.47980 | 986227.38682 | 2427 | 429764.75586 | 988641.60454 | 3197 | 419037.89611 | 987798.10148 | 3344 | 435305.40211 | 993094.65835 | | | |
| 2028 | 413760.69732 | 987564.58048 | 2157 | 403654.80748 | 986050.34281 | 2428 | 429755.66034 | 988791.07119 | 3198 | 419048.06491 | 988097.98957 | 3345 | 433869.56392 | 991835.31955 | </ | | |