



COLORADO
Department of
Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.



r500001388

Description:

ROW Plans 24X36

Route # and Mile Points:

SH 184

Originating Office:

ROW/Survey

File Name:

BR R500-133_ROW(.PDF)

Box Location:

23 (TUBE-19)of 38

BR R500-133

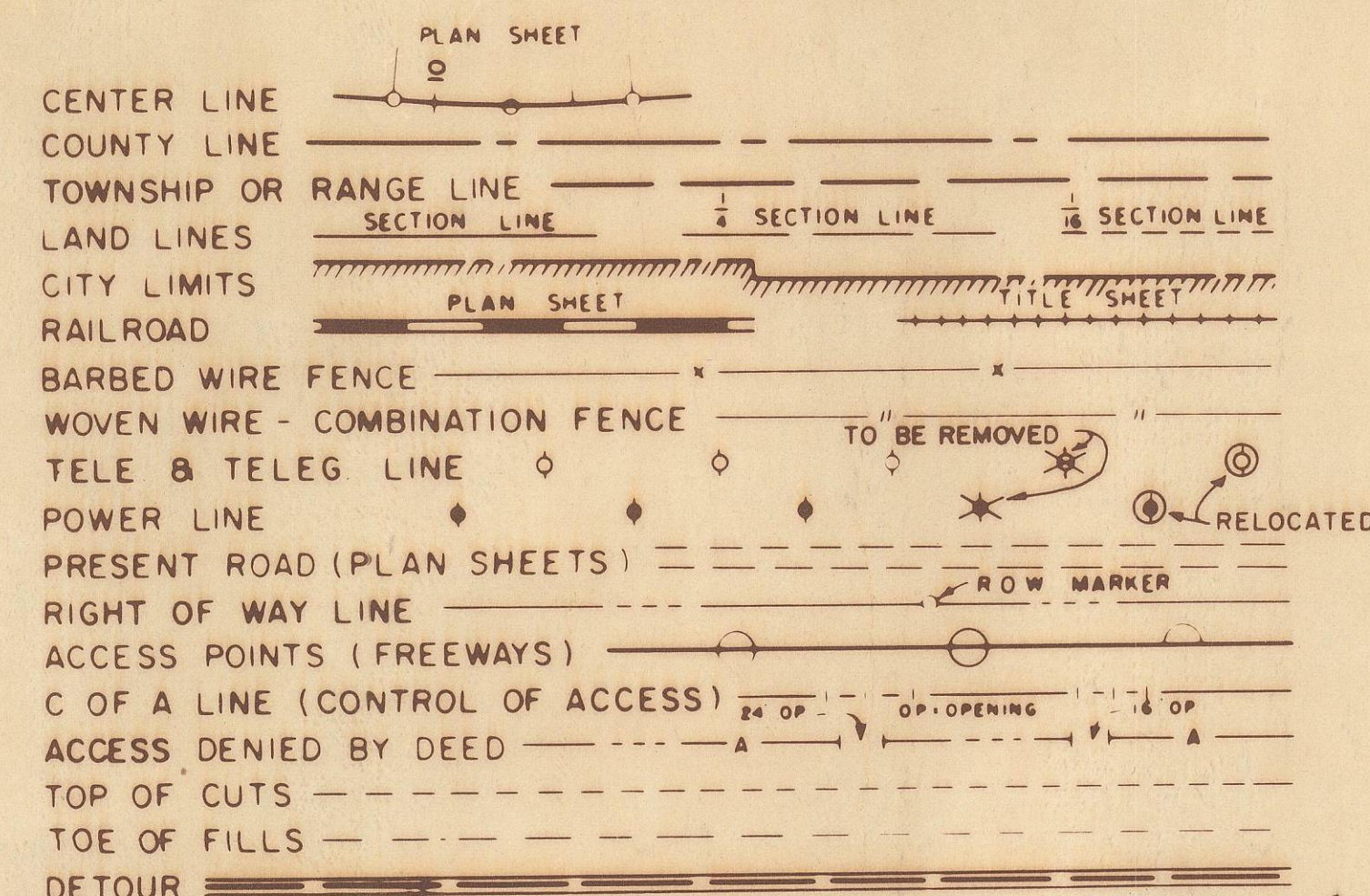
STATE DEPARTMENT OF HIGHWAYS

DIVISION OF HIGHWAYS—STATE OF COLORADO

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
VIII	COLORADO	C32-0147-04	1

RIGHT OF WAY JCT. S.H. 145 & 147- WEST		REVISIONS

CONVENTIONAL SIGNS



PLAN AND PROFILE OF PROPOSED COLORADO PROJECT NO. C32-0147-04 STATE HIGHWAY NO. 147 MONTEZUMA COUNTY

RIGHT OF WAY

SCALE OF ORIGINAL DRAWINGS
 PLAN SHEETS 1" = 100'
 DETAIL SHEETS 1" = NONE
 OWNERSHIP MAPS 1" = 100'

R.O.W. LENGTH OF PROJECT = 0.171 MILE

SHEET NO.

INDEX OF
SHEETS

TITLE SHEET

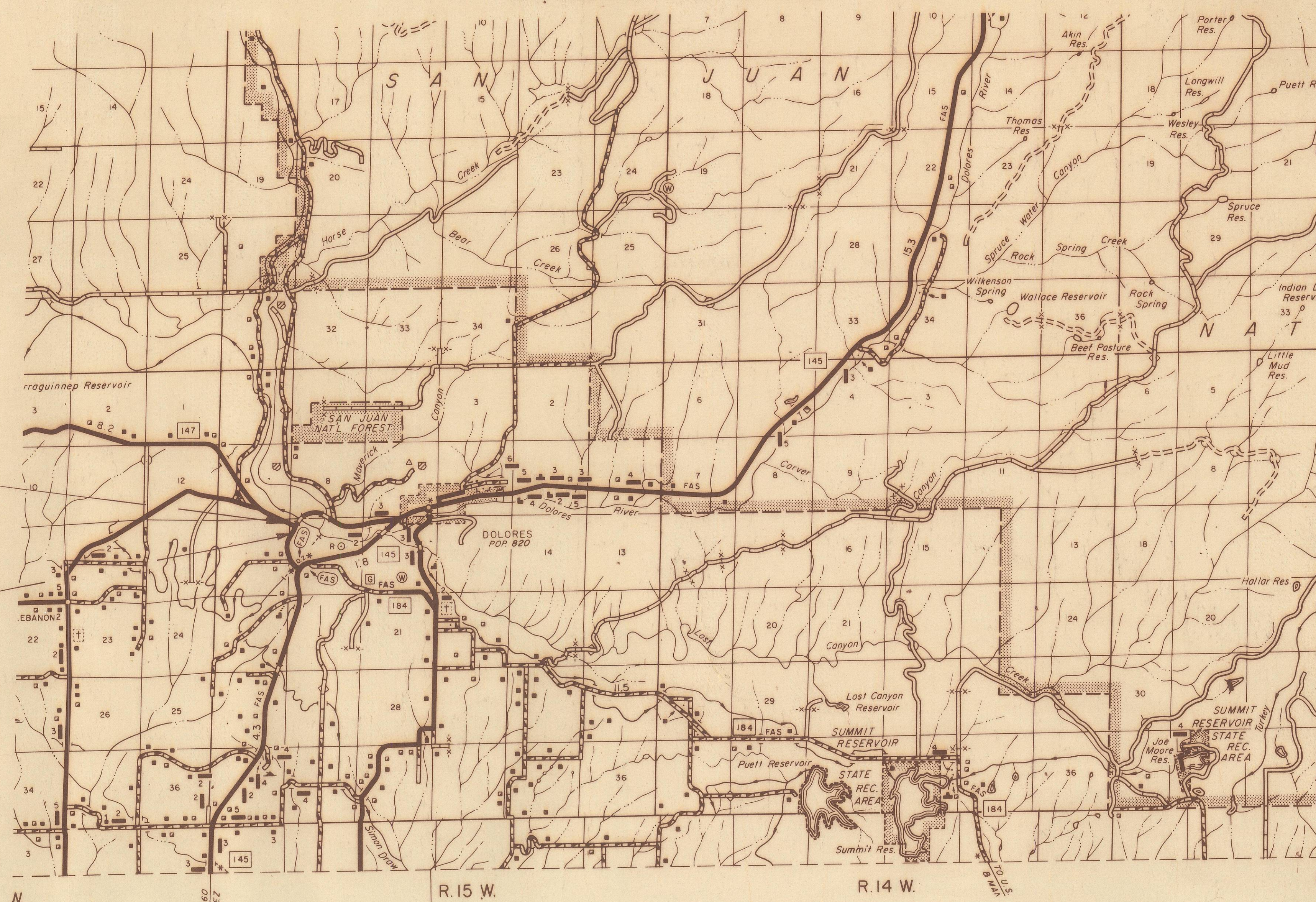
TABULATION OF PROPERTIES

ALIGNMENT SHEET

OWNERSHIP MAP

STA. 10+00 BEGIN R.O.W.
PROJ. C32-0147-04

STA. 19+03 END R.O.W.
PROJ. C32-0147-04



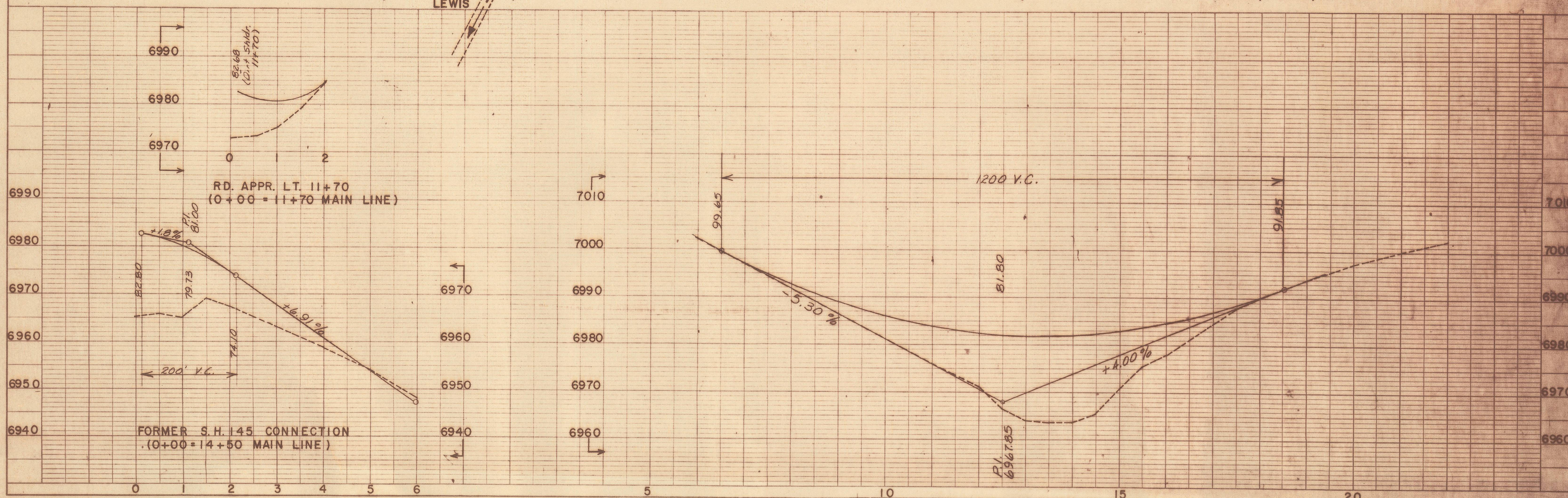
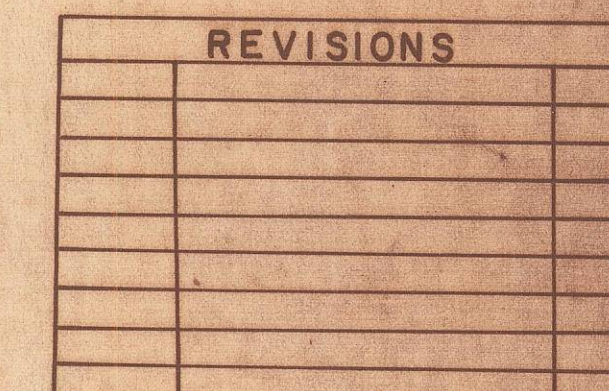
SCALE OF MILES
0 1/2 1 2 3 4



R. O. W. TABULATION OF PROPERTIES IN MONTEZUMA COUNTY S.H. No. 147 PROJ. C320147-04

RIGHT OF WAY													
PARCEL NO.	OWNER	ADDRESS	LOCATION	AREA IN ACRES		PURCHASE DATA							REMARKS
				PARCEL	TO BE ACQUIRED	REMAINDER	LAND	IMPROV'TS	DAMAGE	MISC.	TOTAL		
			T.37N., R.15W., N.M.P.M.			17	17						
1	Mountain Gravel and Construction Company	Dolores, Colo.	NE 1/4 NE 1/4 Sec. 18	0.39	0.16	0	1800						
2	Joseph J. and Iva Kaenig	418 Glenwood Pl. Thousand Oaks, Calif.	NW 1/4 NW 1/4 Sec. 17	2.25	1.31	15	0						
I.F. 3	May Gean Nielson	Dolores, Colo.	NE 1/4 NE 1/4 Sec. 18	0.20	-	-	-						
												</	

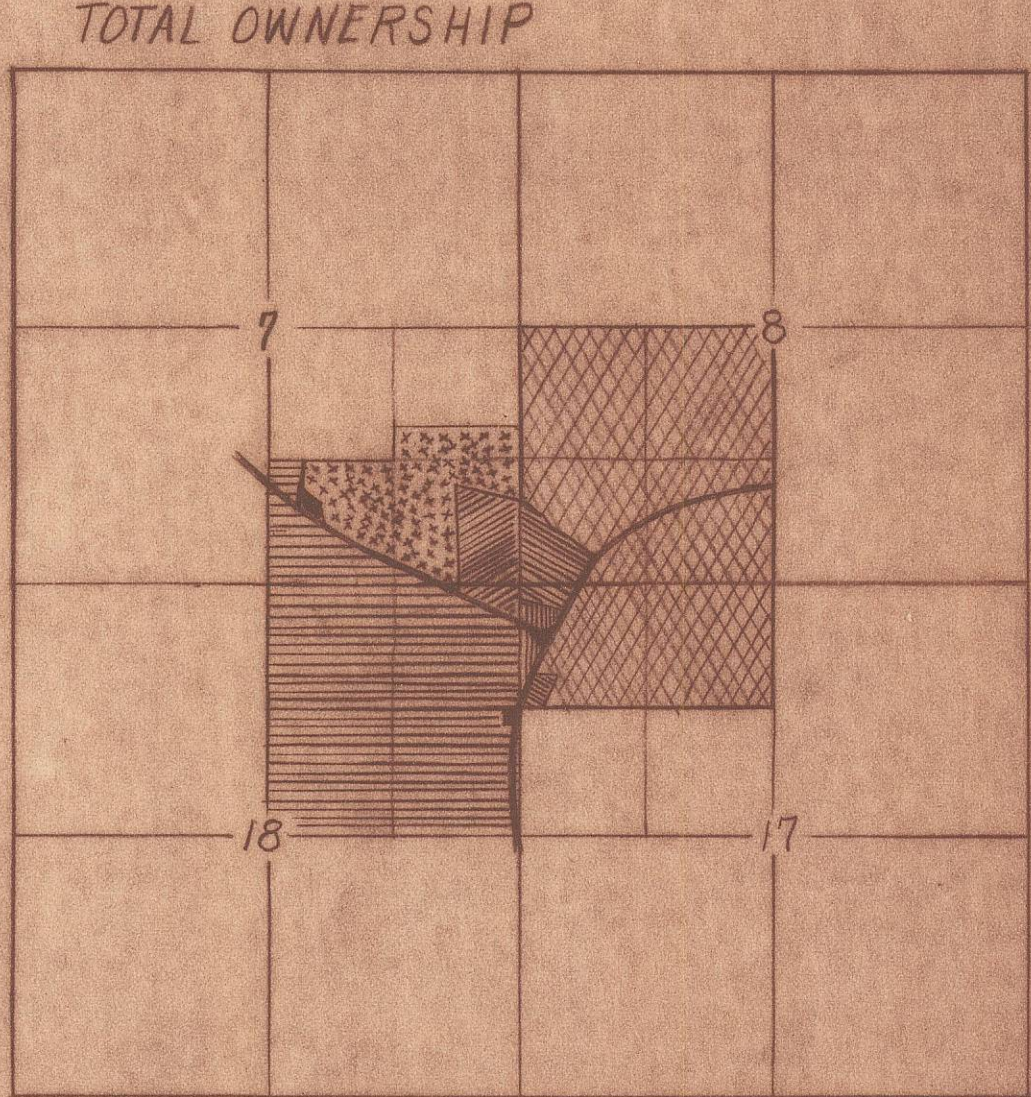
JCT. S.H. 145 & 147 WEST
RIGHT OF WAY



FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	C32-0147-04	4	4

JCT. S.H. 145 & 147 WEST
RIGHT OF WAY

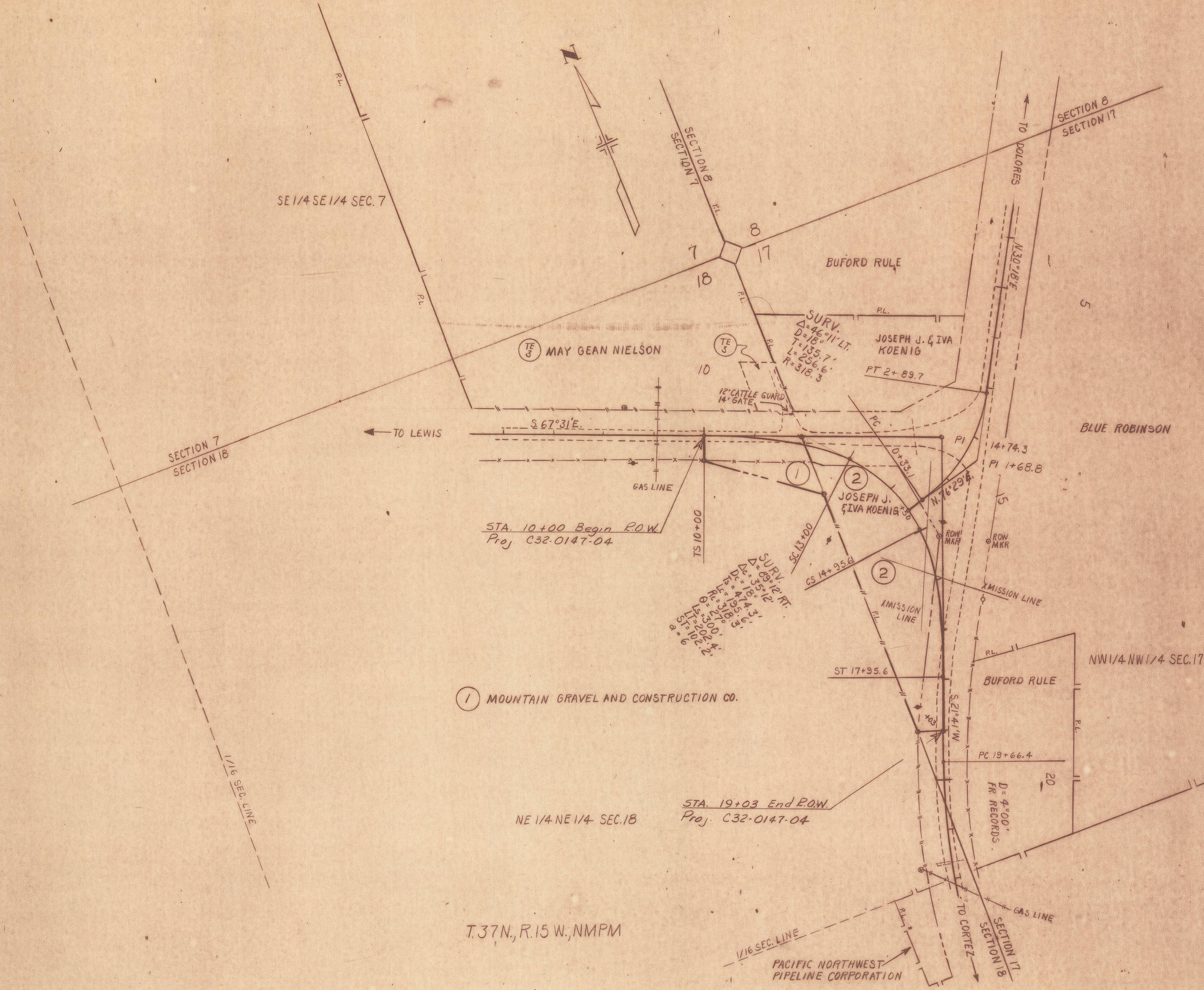
REVISIONS	



- KEY
- MOUNTAIN GRAVEL & CONSTRUCTION CO.
 - JOSEPH J. & IVA KOENIG
 - MAY GEAN NIELSON
 - BUFORD RULE
 - HIGH CAMP COMPANY
 - BLUE ROBINSON

NOT SHOWN
PACIFIC NORTHWEST PIPELINE CORP.
RICHARD & MARJORIE TORRES

OWNERSHIP MAP PLAT
SHOWING CLAIMANTS WITH REGARD
TO RIGHT OF WAY FOR PROJ. C32-0147-04
SCALE: 1"=100'



FILED CERTIFICATION
DEPOSITED THIS _____ DAY OF _____, 20____, AT _____ ALA.,
IN BOOK _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
SURVEYS AT PAGE _____, RECEPTION NUMBER _____.

SIGNED _____ DEPT. _____

/22/2013 2:23:29 PM P:\2012\0121031.00-R-5 NPS 2012\0121031.02 - SH184US160 Chicken Creek\19105 - Site 1 SH 184\RDW_Survey Drawings\19105 - Site 1_SURV_PCD-Title.dgn

12/2/2013 2:22:07 PM P:\2012\0121031.00-R-5 NPS 2012\0121031.02 - SH184US160 Chicken Creek\19105 - Site 1 SH 184\RDW_Survey\Drawings\19105 - Site 1_SURV_PCD-Plan01.dgn

FLING CERTIFICATE:
DEPOSITED THIS _____ DAY OF _____, 20____, AT _____ M.,
OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
SURVEYS AT PAGE _____, RECEPTION NUMBER _____
COUNTY _____ NEWT

1/22/2013 sparker 1:55:39 PM P:\2012\0121031.00-R-5 NPS 2012\0121031.02 - SH184US160 Chicken Creek\19105 - Site 1 SH 184\RDW_Survey\Drawings\19105 - Site 1_RDW_Mon01.dgn

1/22/2013 1:59:29 PM P:\2012\0121031.00-R-5 NPS 2012\0121031.02 - SH18US160 Chicken Creek\19105 - Site 1 SH 184\RDW_Survey\Drawings\19105 - Site 1_SURV_LSCD-P1on01.dgn

Colorado Department of Transportation 3803 North Main Avenue Suite 300 Durango, CO 81301 Phone: 970-385-1400 FAX: 970-385-1410 Region 5 TCJ	Sheet Revisions <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>Description</th> <th>Initials</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date	Description	Initials																												Sheet Revisions <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>Description</th> <th>Initials</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date	Description	Initials																												Farnsworth GROUP A FARNSWORTH ASSOCIATES COMPANY 4755 Forge Road, Suite 150 COLORADO SPRINGS, CO 80907 (719) 590-9114 / (719) 590-9111 Fax www.f-w.com
Date	Description	Initials																																																													
Date	Description	Initials																																																													

Project Number: BR R500-133 Site 1

Project Location: S.H.184 M.P. 25.00 - 25.20

R5 FY13 Priority Culverts US160 & SH184

Project Codes	Last Mod. Date	Submitted	Sheet No.
R505	01-15-13	5.01 of 5.01	5.01

Monumentation Sheet

TABULATION OF R.O.W. MONUMENTS TO BE SET

Point No.	Northing(ft)	Easting(ft)	Description	Station	Offset
981	67927.91	87232.33	SET CDDT TYPE I ALUMINIUM CAP STAMPED PLS 24941	82+98.67	50.11 Rt
982	67883.32	87856.48	SET CDDT TYPE I ALUMINIUM CAP STAMPED PLS 24941	72+49.25	50.11 Rt
983	66239.62	86480.47	SET CDDT TYPE I ALUMINIUM CAP STAMPED PLS 24941	61+99.83	50.11 Rt
984	66168.11	86383.79	SET CDDT TYPE I ALUMINIUM CAP STAMPED PLS 24941	61+99.83	70.15 Lt
985	66359.28	86261.86	SET CDDT TYPE I ALUMINIUM CAP STAMPED PLS 24941	64+25.97	54.41 Lt
986	66359.92	86241.91	SET CDDT TYPE I ALUMINIUM CAP STAMPED PLS 24941	64+38.41	70.15 Lt
987	67611.88	87759.72	SET CDDT TYPE I ALUMINIUM CAP STAMPED PLS 24941	72+49.25	70.15 Lt
1918	65998.57	86858.78	PLACED 3.25IN ALUMINIUM CAP ON EXISTING #5 REBAR STAMPED "PLS 24941 ROW"	59+88.80	50.11 Rt

General Notes:

- This Right-of-Way Plan is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.
- For title information, Farnsworth Group Inc. relied on Title Commitment prepared by H.C. Peck & Associates, Inc.
- Right-of-Way established using control shown on the Land Survey Control Diagram, and the coordinates are specific to this project.
- All centerline and offset stationing may not represent the centerline as constructed in the field.
- Refer to the M-629-I Survey Monuments of the Standard Plans dated July 4, 2006 found in The Colorado Department of Transportation, M & S Standards for survey monument descriptions.
- This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDDT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.

Note: Type I monuments are 3/4" aluminum caps with magnet set on a 3/4" x 36" aluminium firmed rod, per CDDT Standard Plan No. M-629-I for Survey Monuments, issued July, 2012.

NOTICE: According to Colorado law you must commence any legislation based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

QUANTITY OF MONUMENTS TO BE SET

CAP TYPE	MONUMENT TYPE								
	1	1A	2	2A	3	3A	4	5(S)	6
REFERENCE									
ROW	7								1
CONTROL									
ALIQUOT CORNER									
PERMANENT EASEMENT									
PROJECT POINTS									
WITNESS POST (REQUIRED)									

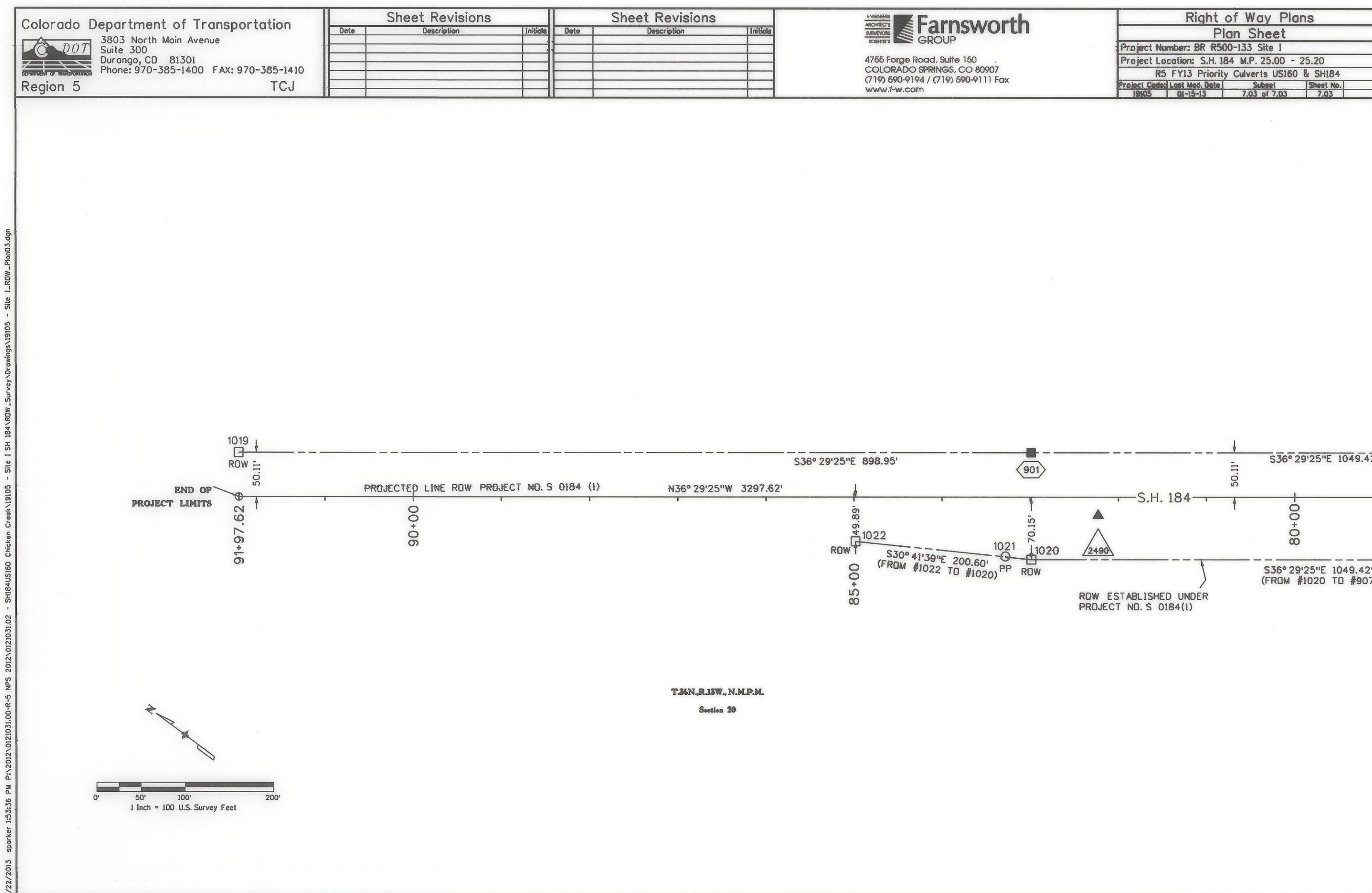
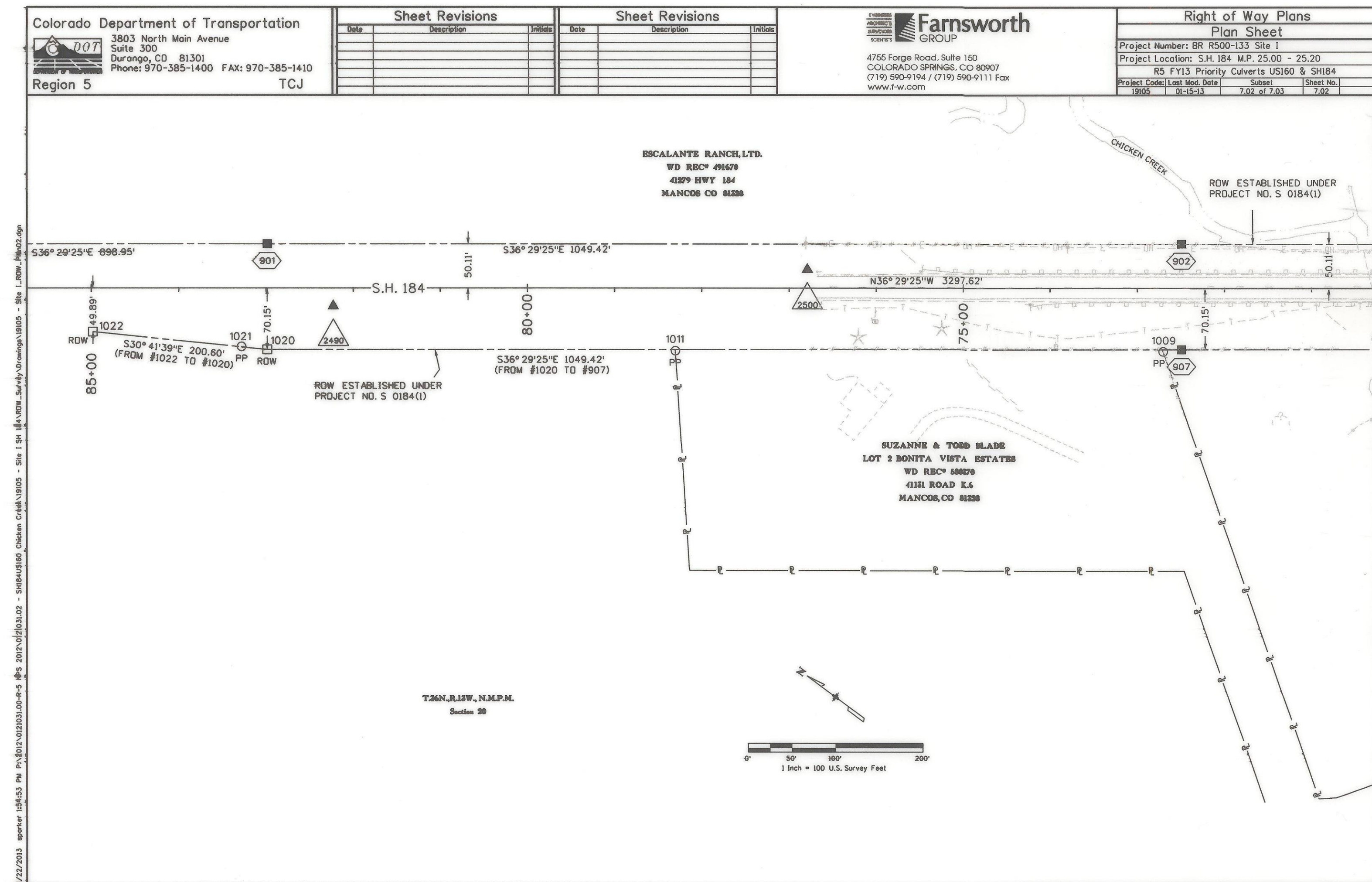
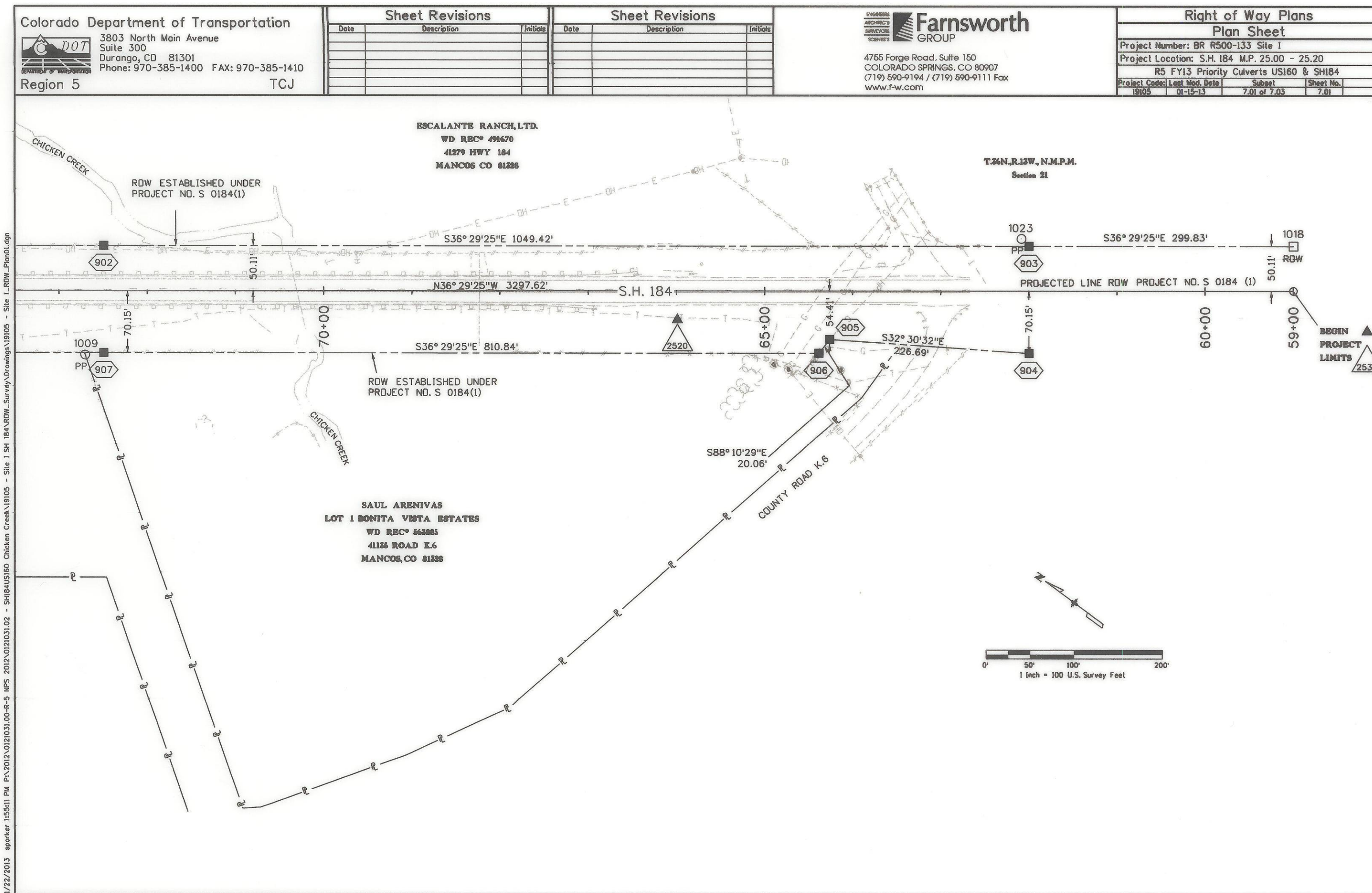
SURVEYOR'S STATEMENT (R.O.W. MONUMENTS)

I, Michelle Boushard, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, adequate research, calculation and evaluation of survey evidence were performed and the Right-of-Way monuments depicted on this Right-of-Way Plan were set under my responsible charge in accordance with applicable standards of practice derived by the Colorado Department of Transportation publications. This statement is not a warranty or warranty, either expressed or implied.

P.L.S. No. 24941

24941-6

PROFESSIONAL LAND SURVEYOR
 LICENSE NO. 130416
 EXPIRATION DATE 12/31/2013





COLORADO
Department of
Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.



r500001805

Description:

ROW Plans 11X17

Route # and Mile Points:

SH 184

Originating Office:

ROW/Survey

File Name:

BR R500-133_ROW(.PDF)

Box Location:

28 of 38

STATE OF COLORADO

DEPARTMENT OF TRANSPORTATION



DEPOSITED RIGHT OF WAY PLANS MEMO

DATE: July 18, 2013
TO: Central Office Project Development Branch, ROW Services
FROM: Todd Johnston, Survey Coordinator Region 5
SUBJECT: Deposited ROW Plans

REGION: 5
PROJECT CODE: 19105
PROJECT NUMBER: BR R500-133
PROJECT LOCATION: S.H. 184 M.P. 25.00-25.20

The Region office has completed and filed the Right of Way Plans for the above captioned project with the County Clerk and Recorder of Montezuma County.

Plat Number 1695

Date: February 7, 2013.

Sections 20 & 21 Township 36 North, Range 13 West of the New Mexico Principal Meridian.

Highway 184, Beginning Mile Post 25.00, Ending Mile Post 25.20.

The total number of sheets deposited 3.

By 
Region ROW Plans Coordinator

Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials

Right of Way Plans			
Title Sheet			
Project Number: BR R500-133 Site I			
Project Location: S.H. 184 M.P. 25.00 - 25.20			
R5 FY13 Priority Culverts US160 & SH184			
Project Code:	Last Mod. Date	Subset	Sheet No.
19105	01-15-13	1.01 of 1.01	1.01

DEPARTMENT OF TRANSPORTATION

STATE OF COLORADO

RIGHT OF WAY PLANS OF
FEDERAL AID PROJECT NO. BR R500-133
BEING A DEPENDENT RESURVEY OF THE
ORIGINAL RIGHT OF WAY LINES ESTABLISHED
BY PROJECT NO. S 0184(1), STATE HIGHWAY NO. 184
SEC. 20 & SEC. 21 T 36 N, R 13 W, N.M.P.M.
MONTEZUMA COUNTY
RIGHT OF WAY

SHEET NO.	INDEX OF SHEETS
1.01	(1) Title Sheet
3.01-3.03	(3) Project Control Diagram
4.01-4.03	(3) Land Survey Control Diagram
5.01-5.01	(1) Monumentation Sheets
7.01-7.03	(3) Plan Sheets
(11) Total Sheets	

Scales of Original 11x17 Drawings
Project Control Diagram 1"=1000'
Land Survey Control Diagram 1"=300'
Plan Sheets 1"=100'

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of S33°38'28"E from CM-MP 25.00 to CM-MP 25.20. Both monuments are CDDT Type II, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based control formerly set by Wilson & Company on Project No. NH 1601-050.

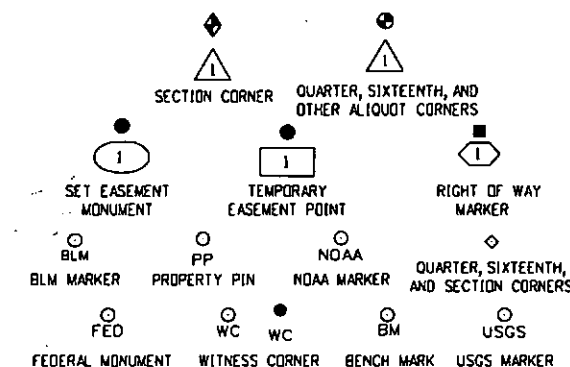
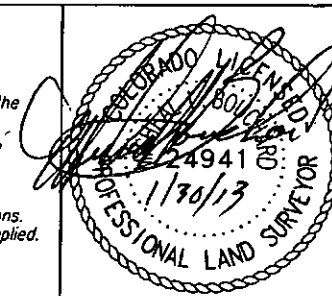
1. This Right-of-Way Plan is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.
2. For title information, Farnsworth Group Inc. relied on Title Commitment prepared by H.C. Peck & Associates, Inc.
3. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDDT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.
4. This right-of-way survey meets the minimum accuracy tolerances for CDDT Class B - Secondary as defined in Chapter 5 of the CDDT Survey Manual, dated Nov. 2011.

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

SURVEYOR STATEMENT (ROW PLAN)

I, Michael L. Bouchard, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, research, calculations and evaluation of the survey evidence were performed and this Right-of-Way Plan was prepared under my responsible charge in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

PLS No. 24941



BLM MARKER
PROPERTY PIN
NOAA MARKER
FEDERAL MONUMENT
WITNESS CORNER
BENCH MARK
USGS MARKER
LOCAL OR PLS MONUMENT
SECONDARY CONTROL MONUMENT
RIGHT OF WAY MARKER
PROJECT CONTROL MONUMENT
DENSIFICATION CONTROL MONUMENT
HIGH ACCURACY REFERENCE NETWORK CONTROL MONUMENT

PERMANENT, PROPERTY, SLOPE, & UTILITY EASEMENT LINE
TEMPORARY EASEMENT LINE (EXISTING)
PROPERTY BOUNDARY LINE (EXISTING AND PROPOSED)
ACCESS CONTROL LINE
BARRIER ACCESS CONTROL LINE
RIGHT OF WAY LINE
VIRGIN RIGHT OF WAY LINE (PROPOSED)
CITY LIMIT LINE (EXISTING)
COUNTY LINE (EXISTING)
QUARTER SECTION LINE
SECTION LINE
SIXTEENTH SECTION LINE
STATE LINE (EXISTING)
TOWNSHIP LINE (EXISTING)

SURVEY/ROW

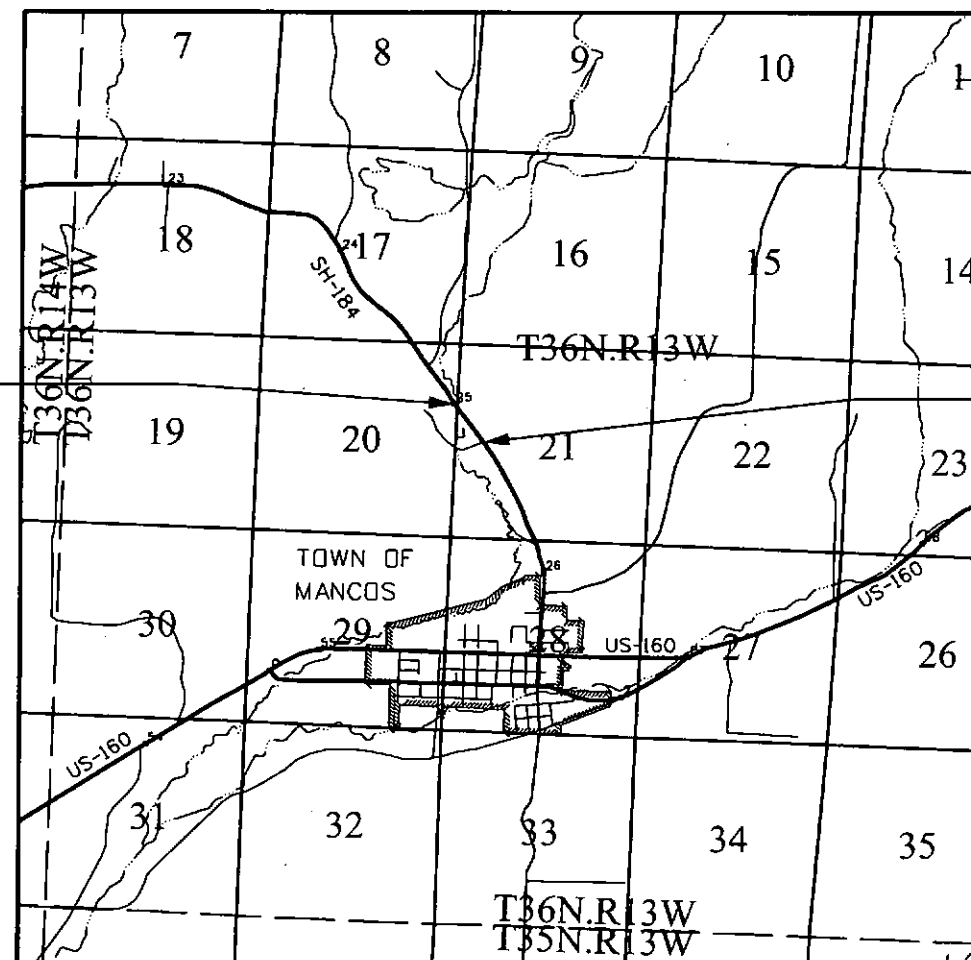
TOP OF CUT
TOE OF FILL

TERRAIN

R.O.W. Length of
Project = 0.20 Miles

Begin ROW Project
M.P.: 25.00

End ROW Project
M.P.: 25.20



PROJECT LOCATION MAP

0 0.5 1 2
1" = 1 Mile
Lineal Units = U.S. Survey Feet

Note: For a complete listing of symbology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards. Publication dated July 2006.

Sheet Revisions

Date	Description	Initials

Sheet Revisions

Date	Description	Initials

Project Control Diagram

Title Sheet

Project Number: BR R500-133 Site 1			
Project Location: S.H. 184 M.P. 25.00 - 25.20			
R5 FY13 Priority Culverts US160 & SH184			
Project Code:	Last Mod. Date	Subset	Sheet No.
19105	01-15-13	3.01 of 3.03	3.01

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

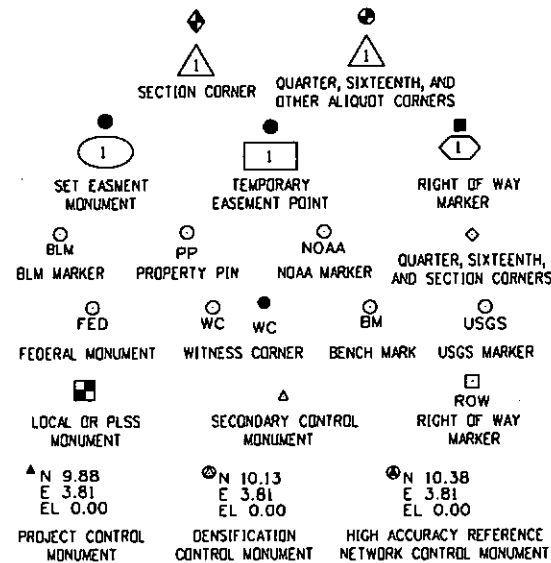
PROJECT CONTROL DIAGRAM
State Highway 184 M.P. 24.9 to M.P. 26.2
U.S. Highway 160 M.P. 54.8 to M.P. 57.0
Sections 20, 21, 27, 28, 29
Township 36 North, Range 13 West
of the New Mexico Principal Meridian
County of Montezuma

SHEET NO.

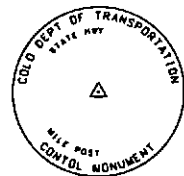
3.01-3.01
3.02-3.02
3.03-3.03

INDEX OF SHEETS

(1) Title Sheet
(1) Coordinate Tables
(1) Plan Sheet
(3) Total Sheets



Note: For a complete listing of symbolology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006.

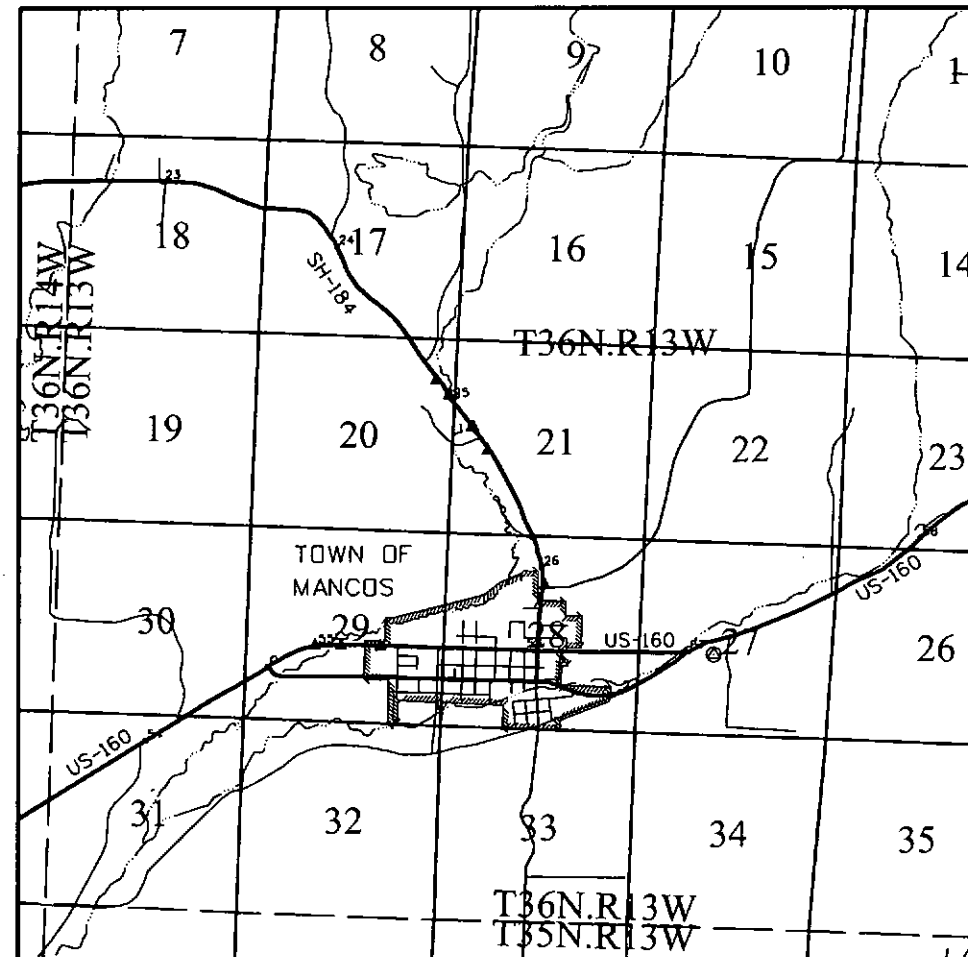


Typical Control Monument Cap
Not to Scale

▲ CM-MP - Control Point Monuments set by CDOT. They are CDOT Type 2 monuments, a 3 1/4" dia. aluminum control monument cap (as shown) on a 3' x 3/4" dia. aluminum security rod on a 3' x 3/4" dia. smooth aluminum rod.

General Notes:

1. This Project Control Diagram is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.
2. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.
3. Refer to the M-629-1 Survey Monuments of the Standard Plans dated July, 2006 found in The Colorado Department of Transportation, M & S Standards for typical survey monument descriptions.



PROJECT LOCATION MAP

0 0.5 1 2
1" = 1 Mile
Lineal Units = U.S. Survey Feet

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of S33° 38' 28" E from CM-MP 25.00 to CM-MP 25.20. Both monuments are CDOT Type II, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based control formerly set by Wilson & Company on Project No. NH 1601-050.

Basis of Elevations: Project elevations are based on Bench Mark K398 1984, PID: HM0407, a standard stainless steel rod in logo box, with a NAVD 88 elevation of 7155.66ft. K398 is a First Order Class II Benchmark, as shown on existing CDOT Project Control Diagram Sheet, Project Number NH 1601-050, Project code 12803, dated 12-14-04.

COORDINATE DATUM: Project coordinates are modified Colorado State Plane Southern Zone NAD '83(92) coordinates. The combined elevation/scale factor used to modify the coordinates from state plane to project coordinates is 1.000352250. The resulting project coordinates are truncated by 1,200,000' in the Northing and 2,100,000' in the Easting after converting from state plane coordinates to project coordinates. The CHARN is based on the NAD '83(92) datum.

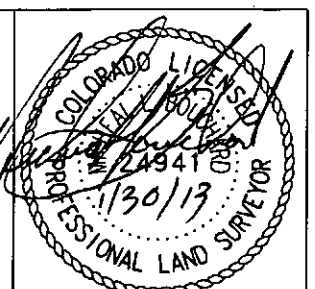
Project Coordinates Northing US Survey Feet = (State Plane Coordinate Northing * 1.000352250 - 1,200,000) * (3937/1200).
Project Coordinates Easting US Survey Feet = (State Plane Coordinate Easting * 1.000352250 - 2,100,000) * (3937/1200).

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

SURVEYOR STATEMENT (PROJECT CONTROL DIAGRAM)

I, Michael L. Baughard, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Project Control Diagram was prepared and the field survey it represents was performed under my responsible charge and based upon my knowledge, information and belief is in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

PLS No. 24941



Colorado Department of Transportation



3803 North Main Avenue
Suite 300
Durango, CO 81301
Phone: 970-385-1400 FAX: 970-385-1410

Region 5

TCJ

Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials



4755 Forge Road, Suite 150
COLORADO SPRINGS, CO 80907
(719) 590-9194 / (719) 590-9111 Fax
www.f-w.com

Project Control Diagram			
Coordinate Tables			
Project Number: BR R500-133 Site 1			
Project Location: S.H. 184 M.P. 25.00 - 25.20			
R5 FY13 Priority Culverts US160 & SH184			
Project Code:	Last Mod. Date	Subset	Sheet No.
19105	01-15-13	3.02 of 3.03	3.02



CHARN GEODETIC COORDINATE SUMMARY TABLE									
Point No.	Geodetic Coordinates NAD-83(92) (CHARN)		Ellip Height (NAVD88) (m)	Ortho Height (m)	Mapping Angle	Grid Scale Factor	NAD 83(92) Zone 0503		Description
	Latitude(N)	Longitude(W)					SP Northing(m)	SP Easting(m)	
K398	37°20'51.47985"	-108°16'21.97932"	2162.361	2181.846	-1°42'03"	0.999642730	384022.933	668761.595	FOUND NGS STAINLESS STEEL ROD WITH LOGO LID 'K398 1984'



GEODETIC COORDINATE TABLE									
Point No.	Geodetic Coordinates NAD-83(92) (CHARN)		Ellip Height (NAVD88) (m)	Ortho Height (m)	Mapping Angle	Grid Scale Factor	NAD 83(92) Zone 0503		Description
	Latitude(N)	Longitude(W)					SP Northing(m)	SP Easting(m)	
2490	37°22'02.97376"	-108°17'59.37994"	2146.017	2164.724	-1°43'02"	0.999642429	386297.479	666431.492	SET CDOT TYPE II 3.25IN CDOT ALUM CAP S.H. 184 M.P. 24.90
2500	37°21'59.00520"	-108°17'54.80975"	2141.501	2160.207	-1°43'00"	0.999643293	386171.821	666540.228	SET CDOT TYPE II 3.25IN CDOT ALUM CAP S.H. 184 M.P. 25.00
2520	37°21'50.28835"	-108°17'47.06086"	2139.603	2158.311	-1°42'55"	0.999643930	385897.505	666722.766	SET CDOT TYPE II 3.25IN CDOT ALUM CAP S.H. 184 M.P. 25.20
2535	37°21'44.14829"	-108°17'41.19428"	2142.388	2161.097	-1°42'51"	0.999643740	385703.982	666861.396	SET CDOT TYPE II 3.25IN CDOT ALUM CAP S.H. 184 M.P. 25.35
2617	37°21'07.90029"	-108°17'20.55791"	2130.918	2149.658	-1°42'39"	0.999646982	384571.839	667335.611	FOUND CDOT TYPE II 3.25IN CDOT ALUM CAP S.H. 184 M.P. 26.17
5483	37°20'49.52187"	-108°18'37.00907"	2096.290	2115.118	-1°43'26"	0.999653152	384061.902	665437.913	FOUND CDOT TYPE II 3.25IN CDOT ALUM CAP S.H. 160 M.P. 54.83
5497	37°20'49.63410"	-108°18'28.44130"	2095.209	2114.027	-1°43'20"	0.999653317	384059.019	665648.793	FOUND CDOT TYPE II 3.25IN CDOT ALUM CAP S.H. 160 M.P. 54.97
5517	37°20'49.70018"	-108°18'15.15744"	2100.431	2119.242	-1°43'12"	0.999652495	384051.236	665975.651	FOUND CDOT TYPE II 3.25IN CDOT ALUM CAP S.H. 160 M.P. 55.17



PROJECT COORDINATE TABLE				
Point No.	Project Coordinates		Elev(ft) (NAVD88)	Description
	Northing(ft)	Easting(ft)		
2490	67824.08	87220.83	7102.10	SET CDOT TYPE II 3.25IN ALUMINIUM CAP S.H. 184 M.P. 24.90
2500	67411.67	87577.70	7087.28	SET CDOT TYPE II 3.25IN ALUMINIUM CAP S.H. 184 M.P. 25.00
2520	66511.37	88176.79	7081.06	SET CDOT TYPE II 3.25IN ALUMINIUM CAP S.H. 184 M.P. 25.20
2535	65876.23	88631.77	7090.20	SET CDOT TYPE II 3.25IN ALUMINIUM CAP S.H. 184 M.P. 25.35
2617	62160.55	90188.14	7052.67	FOUND CDOT TYPE II 3.25IN ALUMINIUM CAP S.H. 184 M.P. 26.17
5483	60486.94	83959.92	6939.35	FOUND CDOT TYPE II 3.25IN ALUMINIUM CAP S.H. 160 M.P. 54.83
5497	60477.48	84652.02	6935.77	FOUND CDOT TYPE II 3.25IN ALUMINIUM CAP S.H. 160 M.P. 54.97
5517	60451.93	85724.77	6952.88	FOUND CDOT TYPE II 3.25IN ALUMINIUM CAP S.H. 160 M.P. 55.17
K398	60359.05	94868.20	7155.65	FOUND NGS STAINLESS STEEL ROD WITH LOGO LID 'K398 1984'



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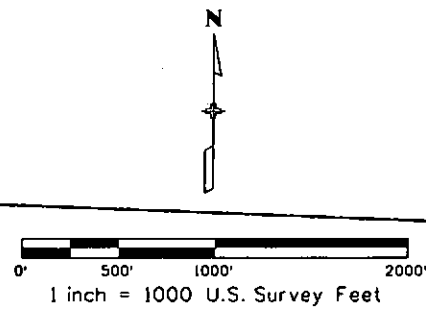
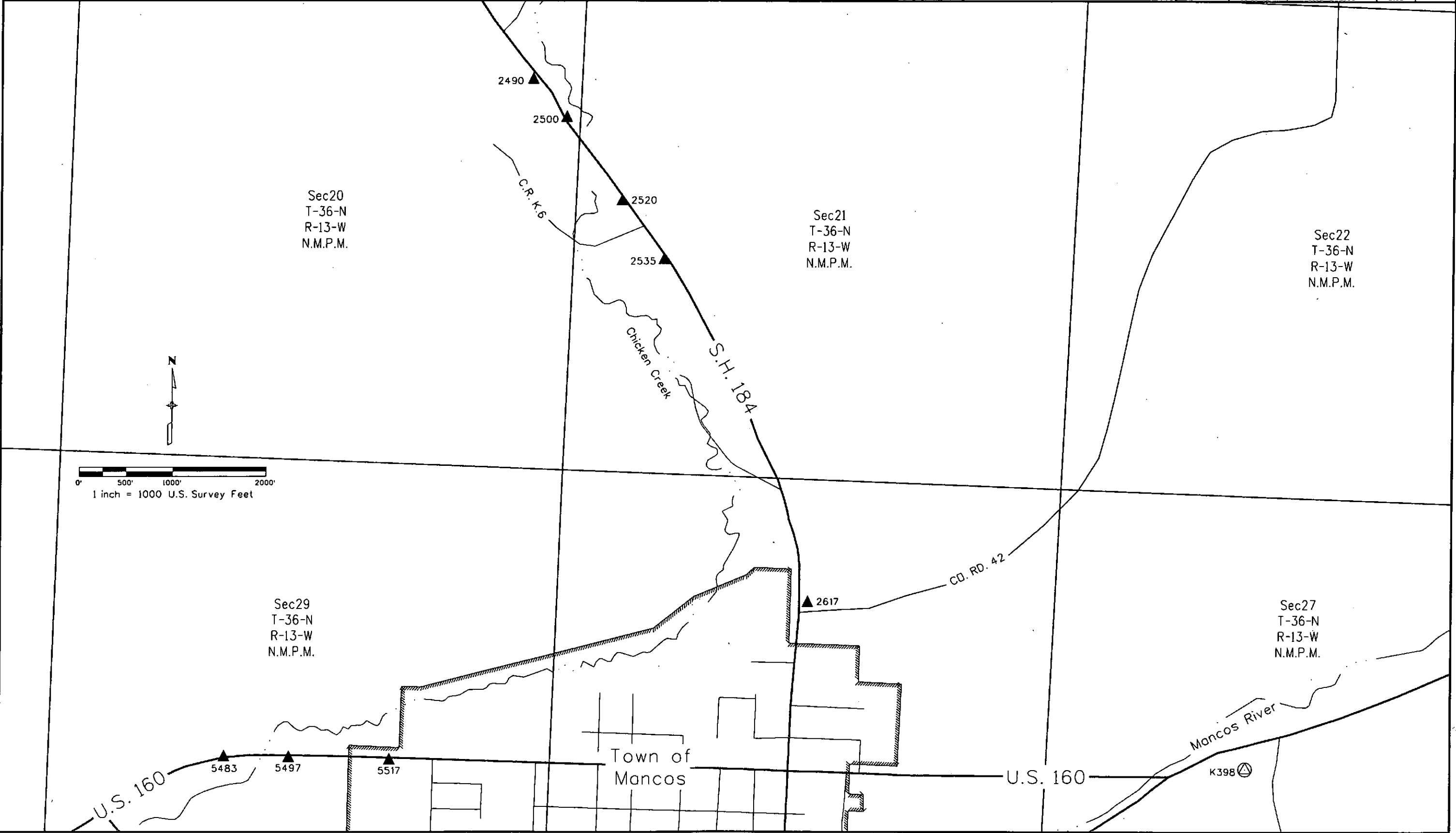
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Project Control Diagram			
Plan Sheet			
Project Number: BR R500-133 Site 1			
Project Location: S.H. 184 M.P. 25.00 - 25.20			
R5 FY13 Priority Culverts US160 & SH184			
Project Code	Last Mod. Date	Subset	Sheet No.
19105	01-15-13	3.03 of 3.03	3.03



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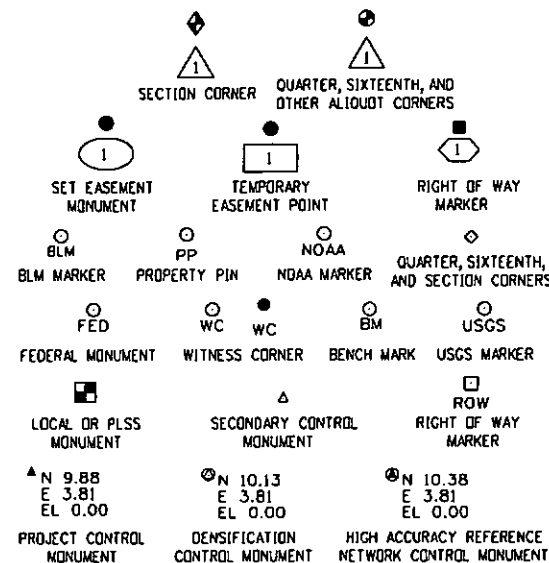
Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials

Land Survey Control Diagram			
Title Sheet			
Project Number: BR R500-133 Site 1			
Project Location: S.H. 184 M.P. 25.00 - 25.20			
R5 FY13 Priority Culverts US160 & SH184			
Project Code:	Last Mod. Date	Subset	Sheet No.
19105	01-15-13	4.01 of 4.03	4.01

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO LAND SURVEY CONTROL DIAGRAM

State Highway 184 MP 25.00 to 25.20
Section 20 & Section 21
Township 36 North, Range 13 West
of the New Mexico Principal Meridian
County of Montezuma

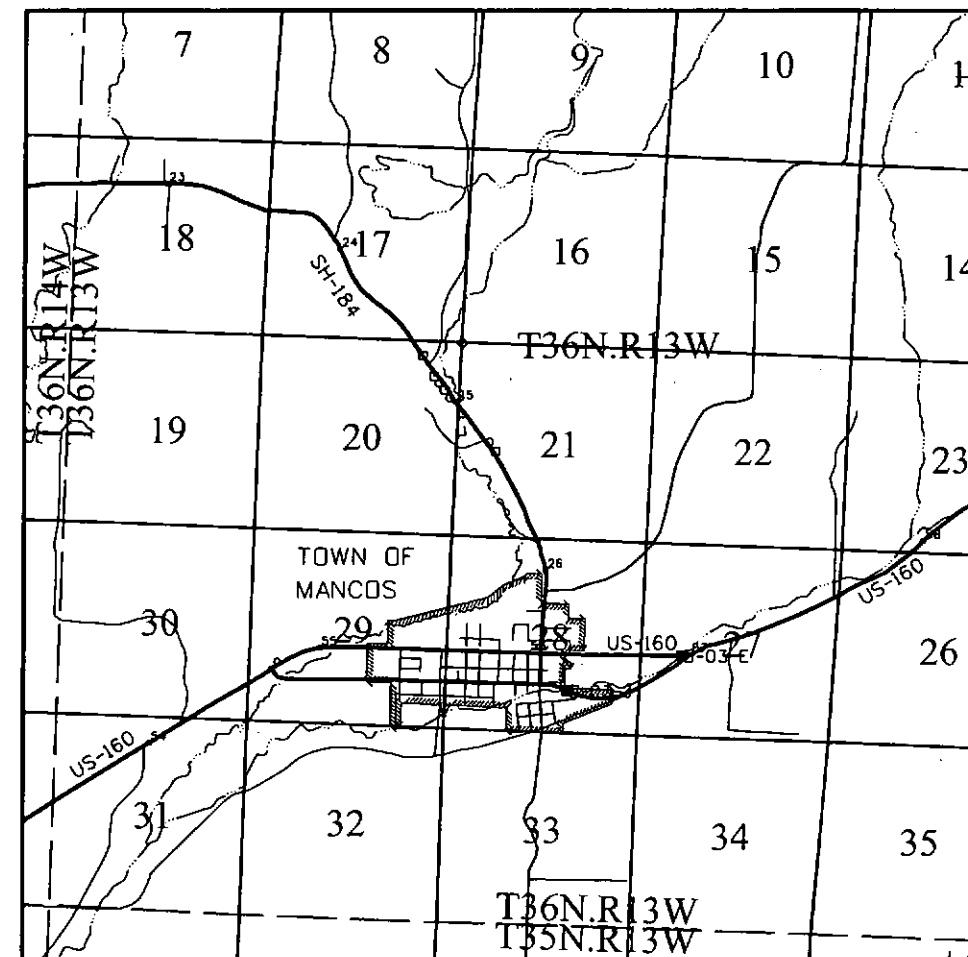
SHEET NO.	INDEX OF SHEETS
4.01-4.01	(1) Title Sheet
4.02-4.02	(1) Monument Coordinate Tables
4.03-4.03	(1) Plan Sheet
	(3) Total Sheets



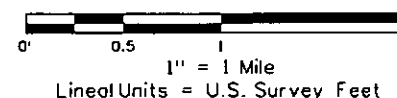
Note: For a complete listing of symbology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006.

General Notes:

1. This Land Survey Control Diagram is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only. No determination has been made to determine if the found monuments as shown are in their proper position or if they are at the corners they are intended to monument.
2. Title policy, title commitment, and title research are not part of this survey, therefore easements, rights, and restrictions of record were not researched and are not shown on this diagram. The verification of the physical evidence with relation to easements, rights of ways, property boundaries, and restrictions, as described in the instruments of record, were not included in this control survey.
3. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.
4. Refer to the M-629-1 Survey Monuments of the Standard Plans dated July, 2006 found in The Colorado Department of Transportation, M & S Standards for typical survey monument descriptions.
5. All Coordinates listed are Project Coordinates only. Coordinates are carried out to two decimal places for calculation purposes and do not represent survey precisions. Survey meets CDOT "B" order precision.



PROJECT LOCATION MAP



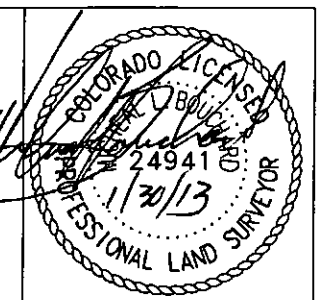
Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of S33°38'28"E from CM-MP 25.00 to CM-MP 25.20. Both monuments are CDOT Type II, marked appropriately for their milepost location and control position. The survey data was obtained from a Global Positioning System (GPS) survey based control formerly set by Wilson & Company on Project No. NH 1601-050.

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

SURVEYOR STATEMENT (LAND SURVEY CONTROL DIAGRAM)

I, Michael L. Bouchard, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Land Survey Control Diagram was prepared and the field survey it represents was performed under my responsible charge and, based upon my knowledge, information and belief is in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

PLS No. 24941





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ARCHITECTS
SURVEYORS
SCIENTISTS



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Land Survey Control Diagram Monument Coordinate Tables			
Project Number: BR R500-133 Site I			
Project Location: S.H. 184 M.P. 25.00 - 25.20			
R5 FY13 Priority Culverts US160 & SH184			
Project Code:	Last Mod. Date	Subset	Sheet No.
19105	01-15-13	4.02 of 4.03	4.02

◇

FOUND ALIQUOT MONUMENT COORDINATE TABLE (Non-Controlling)			
Point No.	Northing(ft)	Easting(ft)	Description
1003	69007.52	87839.68	FOUND 2.5IN ALUMINIUM CAP ON 2IN DIAMETER PIPE, NW COR SEC 21, STAMPED LS 6728, OCT 1987

☐ ROW

FOUND R.O.W. MONUMENT COORDINATE TABLE (Controlling)			
Point No.	Northing(ft)	Easting(ft)	Description
1018	65998.57	88658.78	FOUND #5 REBAR IN CONCRETE FENCE POST 0.3FT ABOVE GRADE AND 0.5FT BEHIND FENCE LINE (SEE TABULATION OF R.O.W. MONUMENTS TO BE SET)
1019	68649.73	86697.73	FOUND 1.5IN ALUMINIUM CAP ON #5 REBAR 0.2FT ABOVE GRADE STAMPED 'COLO DIV HWYS ROW POT 92+00'
1020	67855.49	87135.64	FOUND 1.5IN ALUMINIUM CAP ON #5 REBAR 0.5FT ABOVE GRADE AND 0.5FT BEHIND FENCE LINE STAMPED 'COLO DIV HWYS ROW 83+00'
1022	68027.98	87033.25	FOUND 1.5IN ALUMINIUM CAP ON #5 REBAR 0.3FT ABOVE GRADE AND 0.5FT BEHIND FENCE STAMPED 'COLO DIV HWYS ROW POT 85+00'

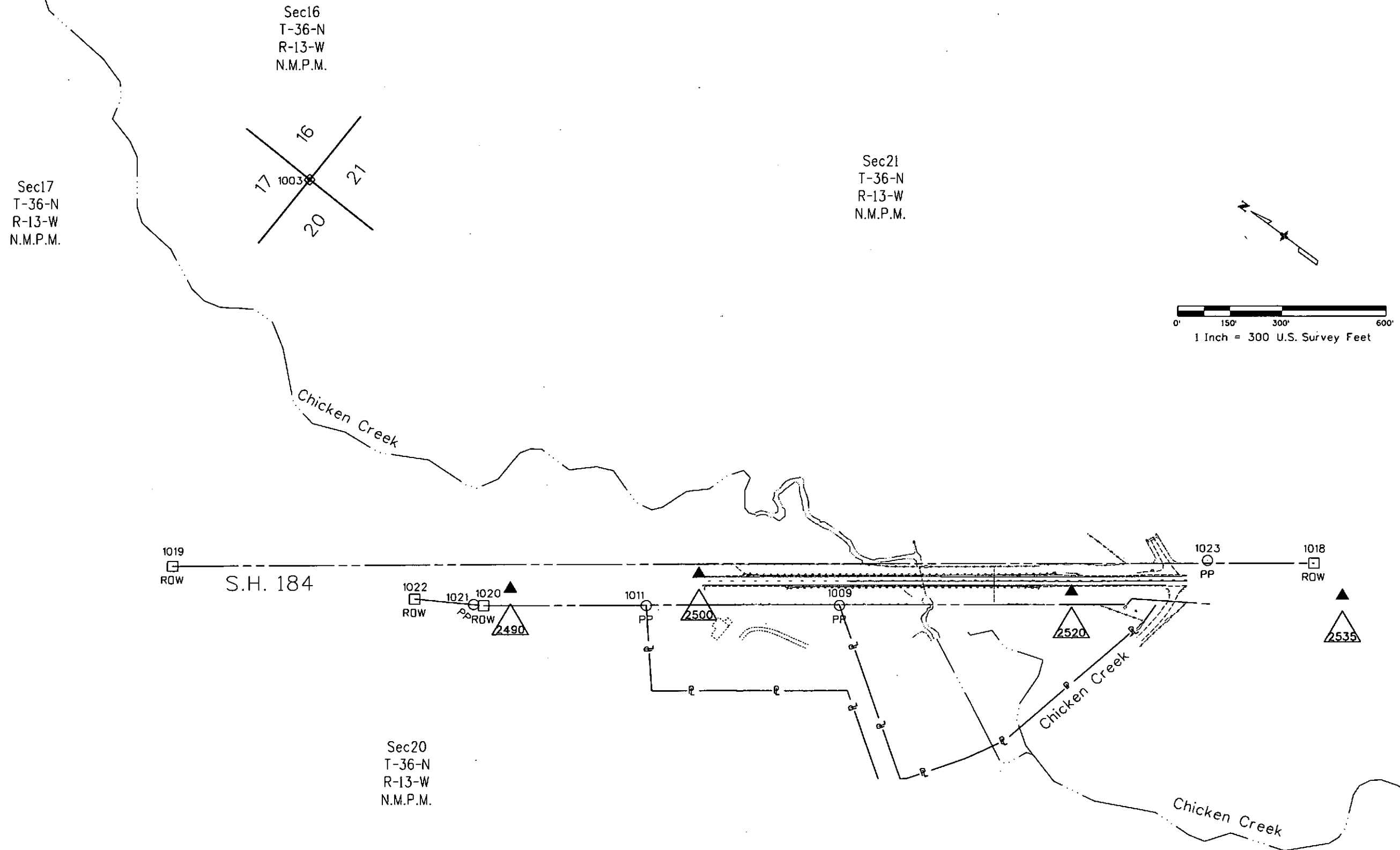
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FOUND BOUNDARY MONUMENT COORDINATE TABLE (Non-Controlling)			
Point No.	Northing(ft)	Easting(ft)	Description
1009	67027.56	87745.29	FOUND #4 REBAR AT GRADE
1011	67478.25	87412.99	FOUND #4 REBAR AT GRADE
1021	67881.16	87120.98	FOUND .5IN ALUMINIUM CAP ON #4 REBAR 0.2FT ABOVE GRADE AND 0.20FT BEHIND FENCE STAMPED 'THOMAS PE&LS6728'
1023	66251.44	88482.22	FOUND YELLOW PLASTIC CAP ON #4 REBAR 0.2FT ABOVE GRADE STAMPED LS19612

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Land Survey Control Diagram			
Plan Sheet			
Project Number: BR R500-133 Site I			
Project Location: S.H. 184 M.P. 25.00 - 25.20			
R5 FY13 Priority Culverts US160 & SH184			
Project Code:	Last Mod. Date	Subset	Sheet No.
19105	01-15-13	4.03 of 4.03	4.03





TABULATION OF R.O.W. MONUMENTS TO BE SET					
PoInt No.	Northing(ft)	Easting(ft)	Description	Station	Offset
901	67927.01	87232.33	SET CDOT TYPE I ALUMINIUM CAP STAMPED PLS 24941	82+98.67	50.11 Rt
902	67083.32	87856.40	SET CDOT TYPE I ALUMINIUM CAP STAMPED PLS 24941	72+49.25	50.11 Rt
903	66239.62	88480.47	SET CDOT TYPE I ALUMINIUM CAP STAMPED PLS 24941	61+99.83	50.11 Rt
904	66168.11	88383.79	SET CDOT TYPE I ALUMINIUM CAP STAMPED PLS 24941	61+99.83	70.15 Lt
905	66359.28	88261.96	SET CDOT TYPE I ALUMINIUM CAP STAMPED PLS 24941	64+25.97	54.41 Lt
906	66359.92	88241.91	SET CDOT TYPE I ALUMINIUM CAP STAMPED PLS 24941	64+38.41	70.15 Lt
907	67011.80	87759.72	SET CDOT TYPE I ALUMINIUM CAP STAMPED PLS 24941	72+49.25	70.15 Lt
1018	65998.57	88658.78	PLACED 3.25IN ALUMINIUM CAP ON EXISTING #5 REBAR STAMPED 'PLS 24941 ROW'	59+00.00	50.11 Rt

1. This Right-of-Way Plan is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.
2. For title information, Farnsworth Group Inc. relied on Title Commitment prepared by H.C. Peck & Associates, Inc.
3. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.
4. This right-of-way survey meets the minimum accuracy tolerances for CDOT Class B - Secondary as defined in Chapter 5 of the CDOT Survey Manual, dated Nov. 2011.

Note: Type I monuments are 3/4" aluminium caps with magnet set on a 3/4" X 36" aluminium finned rod, per CDOT Standard Plan No. M-629-1 for Survey Monuments, issued July, 2012.

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

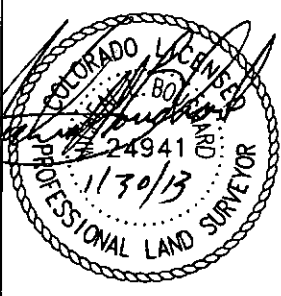
QUANTITY OF MONUMENTS TO BE SET										
CAP TYPE	MONUMENT TYPE									
	1	1A	2	2A	3	3A	4	5	5(S)	6
REFERENCE										
ROW	7									1
CONTROL										
ALIQUOT CORNER										
PERMANENT EASEMENT										
PROJECT POINTS										
WITNESS POST (REQUIRED)										

- General Notes:
1. This Right-of-Way Plan is not a boundary survey of the adjoining property and is prepared for the Colorado Department of Transportation purposes only.
2. For title information, Farnsworth Group Inc. relied on Title Commitment prepared by H.C. Peck & Associates, Inc.
3. Right-of-Way established using control shown on the Land Survey Control Diagram, and the coordinates are specific to this project.
4. All centerline and offset stationing may not represent the centerline as constructed in the field.
5. Refer to the M-629-1 Survey Monuments of the Standard Plans dated July 4, 2006 found in The Colorado Department of Transportation, M & S Standards for survey monument descriptions.
6. This plan set is subject to change and may not be the most current set. It is the user's responsibility to verify with CDOT that this set is the most current. The information contained on the attached drawing is not valid unless this copy bears an original signature of the Professional Land Surveyor hereon named.

SURVEYOR STATEMENT (R.O.W. MONUMENTS)

I, Michael L. Bouchard, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that based upon my knowledge, information and belief, adequate research, calculations and evaluation of survey evidence were performed and the Right-of-Way monuments depicted on this Right-of-Way Plan were set under my responsible charge in accordance with applicable standards of practice defined by Colorado Department of Transportation publications. This statement is not a guaranty or warranty, either expressed or implied.

PLS No. 24941



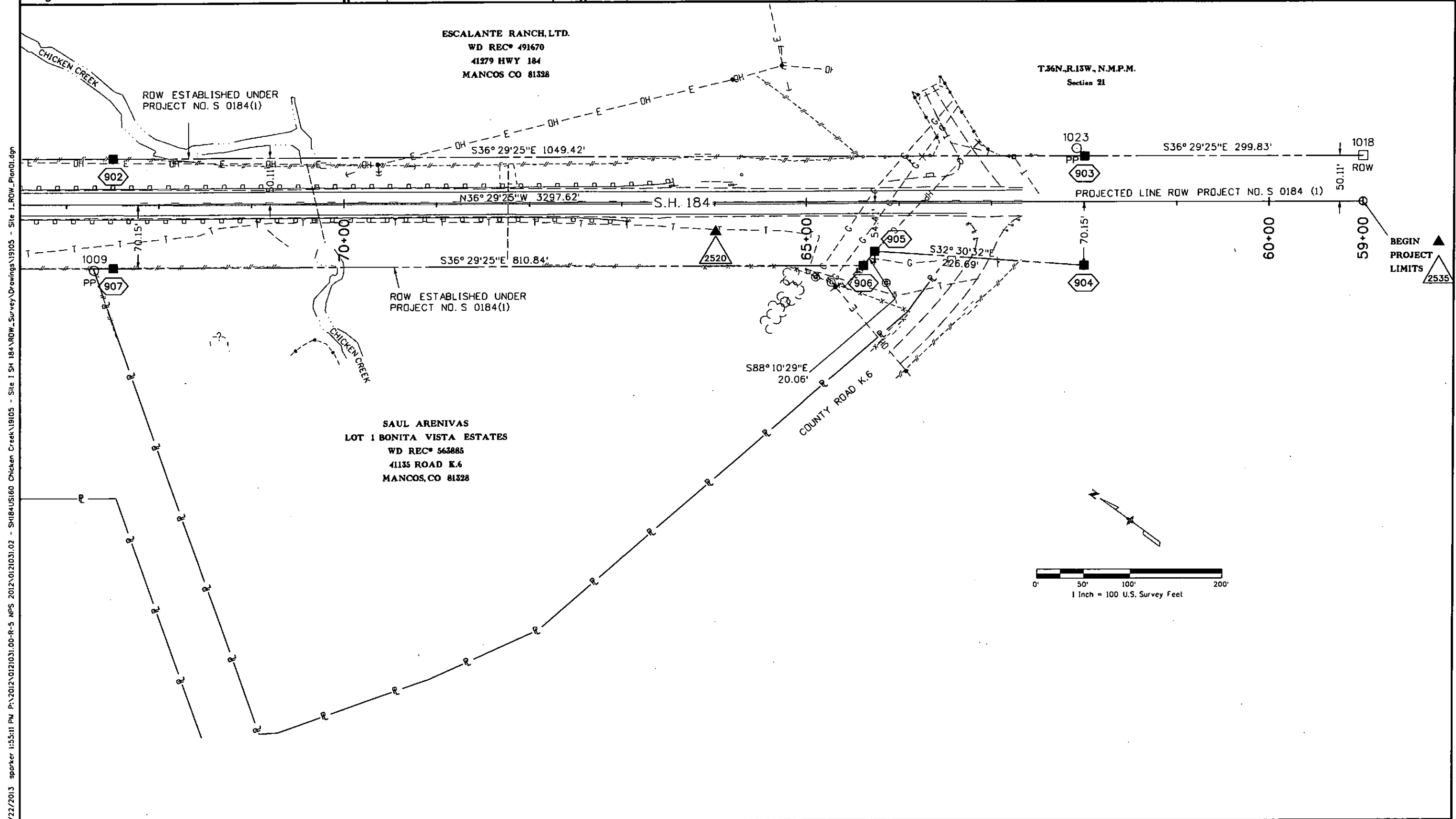
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Right of Way Plans			
Plan Sheet			
Project Number: BR R500-133 Site I			
Project Location: S.H. 184 M.P. 25.00 - 25.20			
R5 FY13 Priority Culverts US160 & SH184			
Project Code:	Last Mod. Date	Subset	Sheet No.
19105	01-15-13	7.01 of 7.03	7.01



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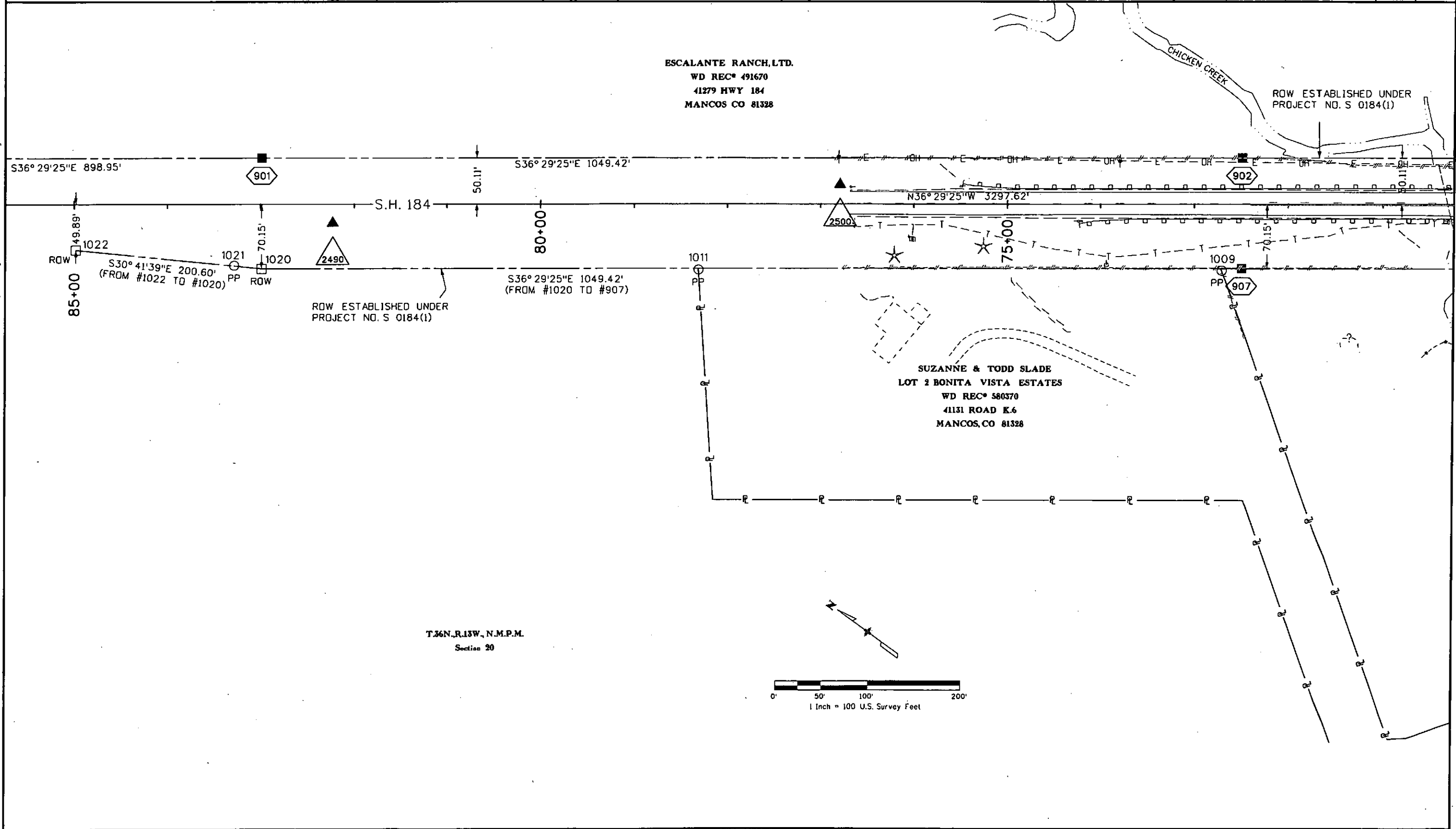
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Right of Way Plans			
Plan Sheet			
Project Number: BR R500-133 Site I			
Project Location: S.H. 184 M.P. 25.00 - 25.20			
R5 FY13 Priority Culverts US160 & SH184			
Project Code: 19105	Last Mod. Date: 01-15-13	Subset: 7.02 of 7.03	Sheet No.: 7.02



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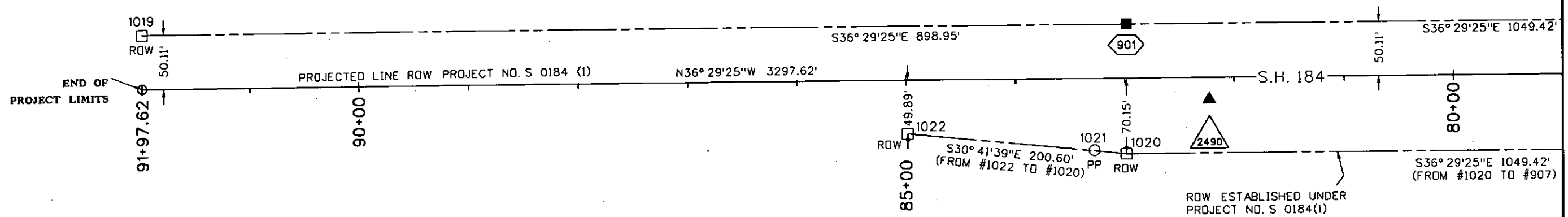
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Project Code	Last Mod. Date	Subset	Sheet No.
19105	01-15-13	7.03 of 7.03	7.03



T.36N.R.13W.N.M.P.M.
 Section 20

