

Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials
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Right of Way Plans		
Title Sheet		
Project Number: C 0063-037		
Project Location: US 6 Culvert Repair MP 93.3 - Rifle		
Project Code:	Last Mod. Date:	Sheet No.:
18141	3/25/11	1.01

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

RIGHT OF WAY PLANS OF PROPOSED STATE PROJECT NO. C 0063-037 STATE HIGHWAY NO. 6 Township 6 South, Range 93 West, 6th P.M. GARFIELD COUNTY

R.D.W. Length of Project = 0.04 Miles
 Const. Length of Project = 0.03 Miles

SHEET NO.	INDEX OF SHEETS
1.01	(1) Title Sheet
2.01	(1) Tabulation of Properties
3.01-3.02	(2) Project Control Diagram
4.01-4.02	(2) Land Survey Control Diagram
5.01-5.02	(2) Monumentation Sheets
7.01	(1) Plan Sheets
8.01	(1) Ownership Map

Scales of Original 11x17 Drawings
 Plan Sheets 1"=30'
 Ownership Map 1"=200'

Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N64° 31' 23" E from CM-MP 93.1 to CM-MP 93.5. 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 on a local geodetic system.

- 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, The Colorado Department of Transportation relied on a Title Commitment prepared by Commonwealth Title Company of Garfield County, Inc.
- 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.

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.

COLORADO DEPARTMENT OF TRANSPORTATION
STATE-AID HIGHWAY PROJECT

AUTHORIZED: _____ DATE _____

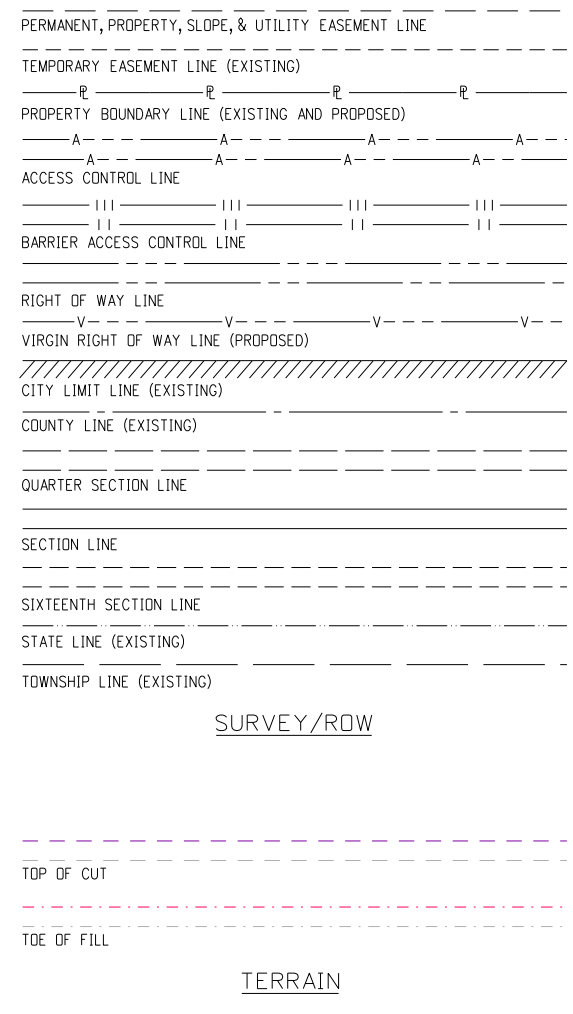
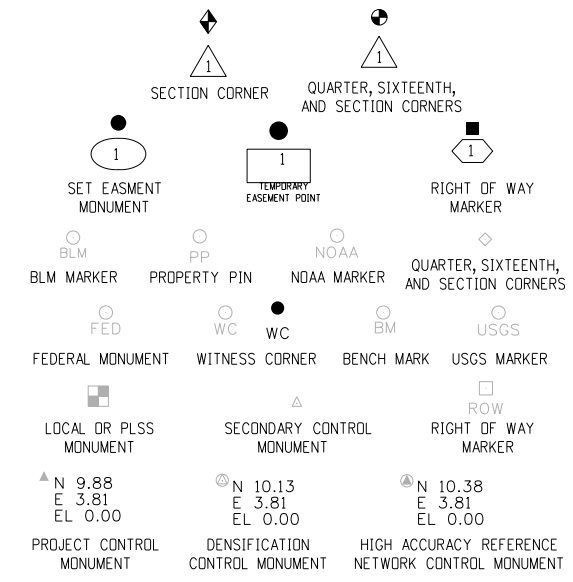
R3 ROW MANAGER

Const Proj Sta: 0+96.5
 = ROW Proj Sta: 77+48
 M.P.: 93.21

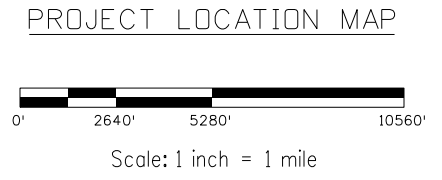
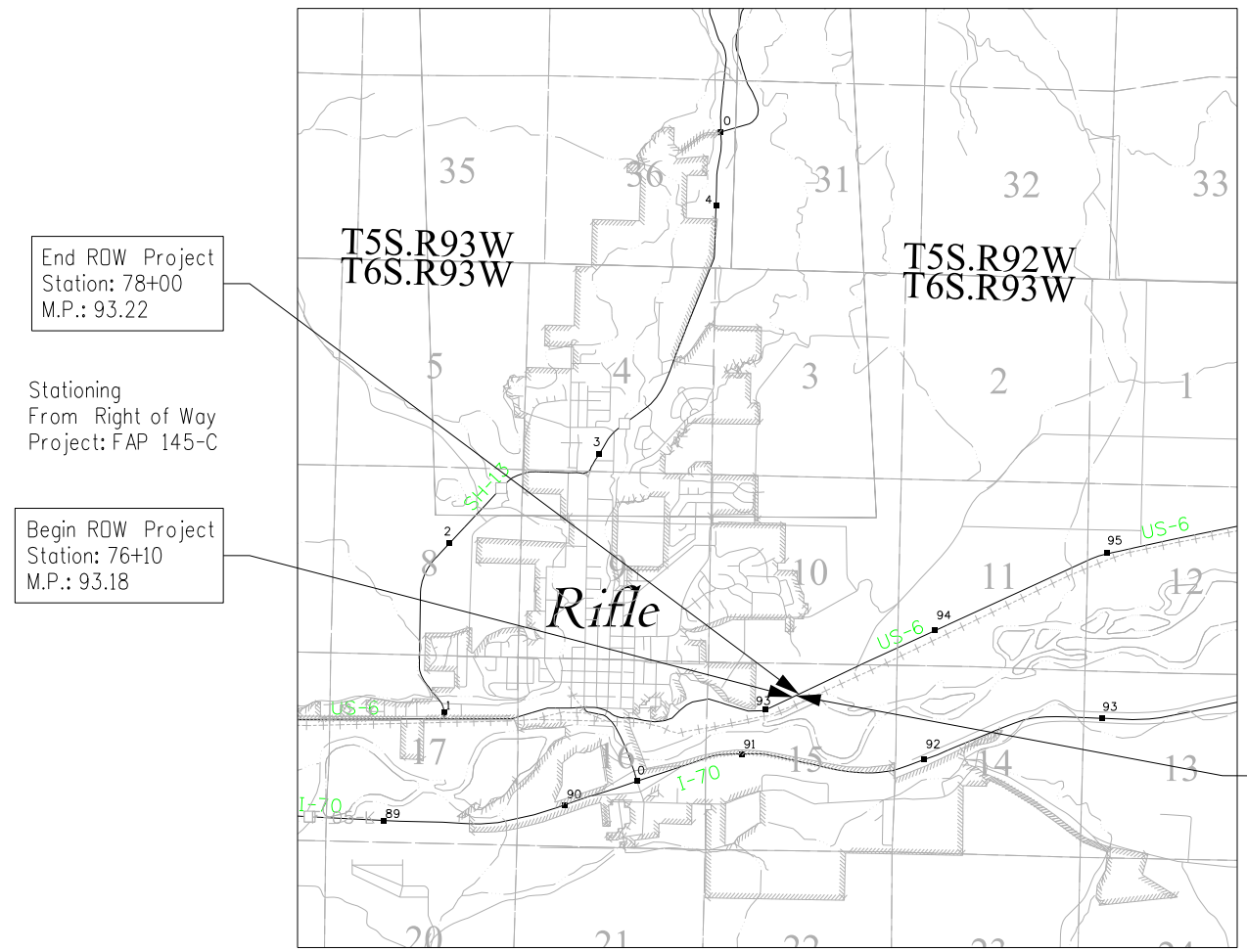
SURVEYOR STATEMENT (ROW PLAN)

I, Jackson E. Messenger, 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. 27272



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. Existing features are shown as screened weight (gray scale), except as noted with the word (existing). Proposed or new features are shown as full weight without screening, except as noted with the word (proposed).



FILING CERTIFICATION: DAY OF _____, 20____, AT _____ M., DEPOSITED THIS _____ DAY OF _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY SURVEYS AT PAGE _____ RECEPTION NUMBER _____ DEPT. _____ SIGNED _____ 3/25/2011 messenger.j 11:27:16 AM c:\projectwise\pwz_working\d0107403\1814\ROW_TitleSheet_State.dgn

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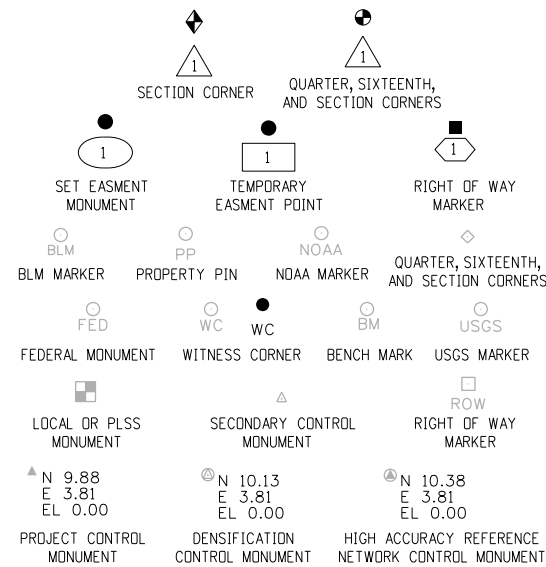
Project Control Diagram			
Title Sheet			
Project Number: C 0063-037			
Project Location: US 6 Culvert Repair MP 93.3 - Rifle			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
18141	3/25/11	3.01 to 3.02	3.01

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

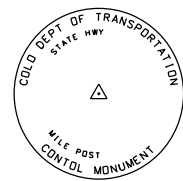
SHEET NO.	INDEX OF SHEETS
3.01	(1) Title Sheet
3.02	(1) Coordinate Tables & Plan Sheet
<hr/>	
	(2) Total Sheets

PROJECT CONTROL DIAGRAM

State Highway 6 MP 93.1 to 93.5
 Section 15
 Township 6 South, Range 93 West
 of the 6th Principal Meridian
 County of Garfield



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. Existing features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening.

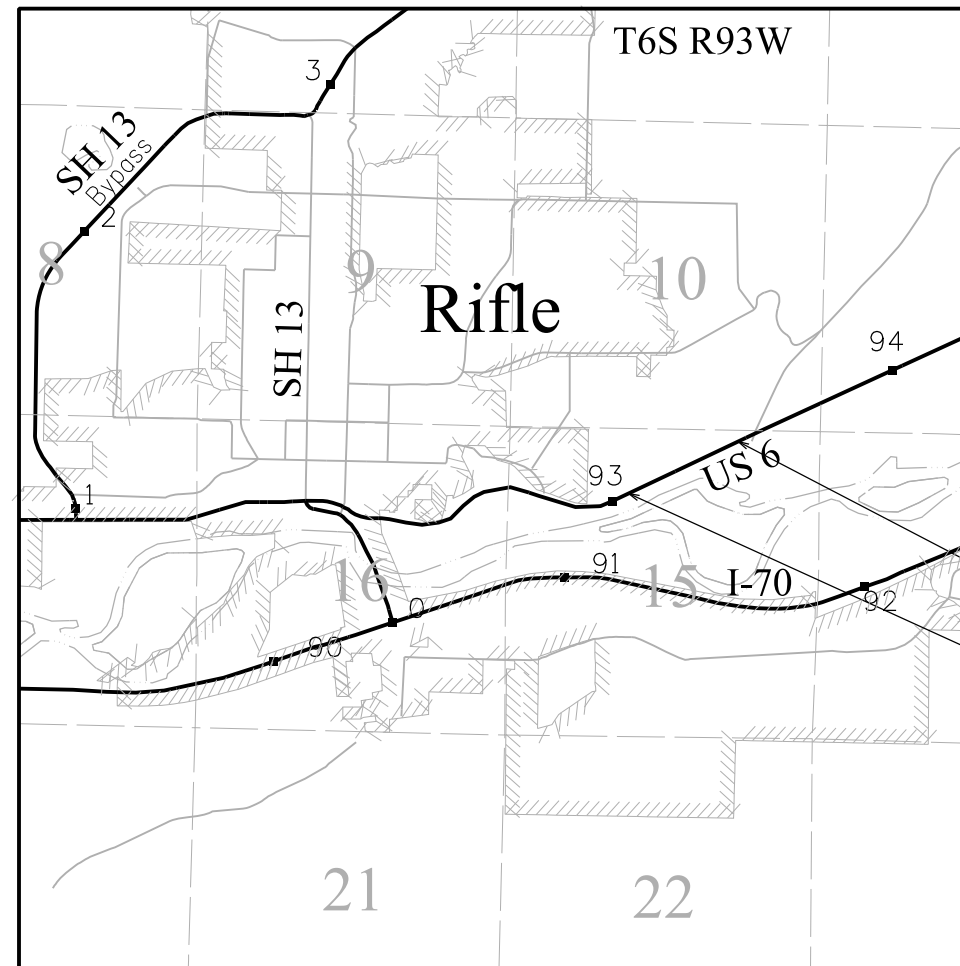


Typical Control Monument Cap
Not to Scale

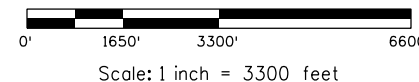
▲ CM-MP - Control Point Monuments set by CDOT. They are CDOT Type 2 monuments, a 3 1/4" dia. aluminum control monument cap (as shown) on a 3' x 3/4" dia. aluminum security rod on a 3' x 3/4" dia. smooth aluminum rod.

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



Basis of Bearings: Bearings used in the calculations of coordinates are based on a grid bearing of N64° 31'23"E from CM-MP 93.1 to CM-MP 93.5. 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 on a local geodetic system.

Basis of Elevations: Project elevations are based on assumed elevation of 5336.85 feet on Control Point CM-MP 93.2 a CDOT type II Control Monument. Elevations were not verified to any existing Bench Mark Datums. Other Control Point elevations were established using differential levels.

COORDINATE DATUM: Project coordinates are local coordinates. The combined elevation/scale factor used to modify the coordinates from grid to project coordinates is shown on sheet 2.

End Control
M.P. 93.5

Begin Control
M.P. 93.1

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)

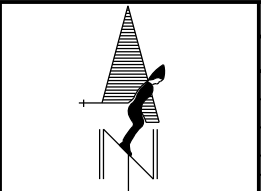
I, Jackson E. Messenger, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation this Project Control Diagram was prepared and the field survey it represents was performed under my responsible charge and, based upon my knowledge, information 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. 27272

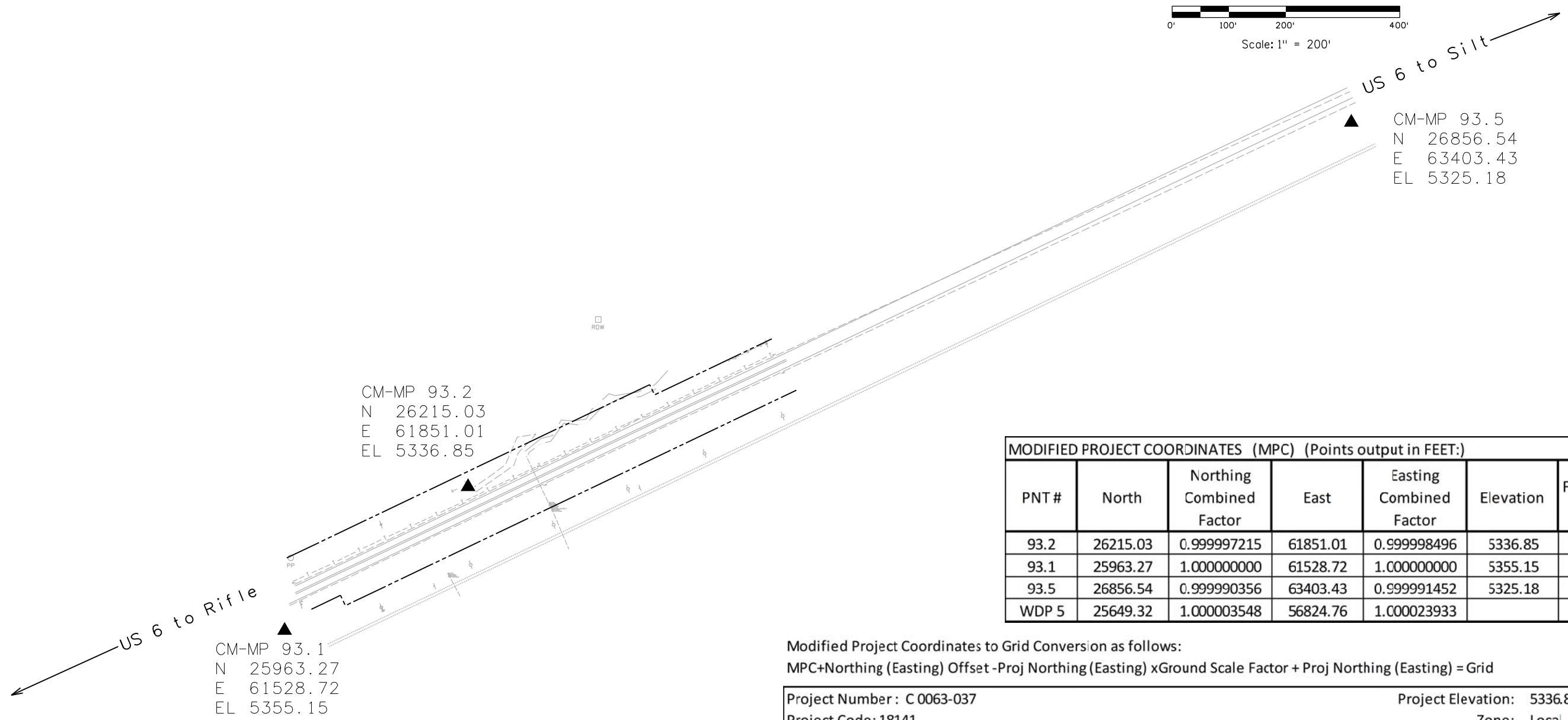
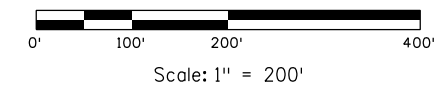
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Sheet Revisions		
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mm/dd/yy	XXXXXXXX	XXX



Project Control Diagram			
Coordinate Tables & Plan Sheet			
Project Number: C 0063-037			
Project Location: US 6 Culvert Repair MP 93.3 - Rifle			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
18141	3/25/11	3.01 to 3.02	3.02



MODIFIED PROJECT COORDINATES (MPC) (Points output in FEET:)						
PNT #	North	Northing Combined Factor	East	Easting Combined Factor	Elevation	FEATURE CODE
93.2	26215.03	0.999997215	61851.01	0.999998496	5336.85	1075
93.1	25963.27	1.000000000	61528.72	1.000000000	5355.15	1075
93.5	26856.54	0.999990356	63403.43	0.999991452	5325.18	1075
WDP 5	25649.32	1.000003548	56824.76	1.000023933		1065

Modified Project Coordinates to Grid Conversion as follows:
 $MPC + Northing (Easting) \text{ Offset} - Proj \text{ Northing (Easting)} \times \text{Ground Scale Factor} + Proj \text{ Northing (Easting)} = \text{Grid}$

Project Number: C 0063-037	Project Elevation: 5336.85
Project Code: 18141	Zone: Local
Route: US 6	
Project Location: US 6 Culvert Repair MP 93.3 - Rifle	Ground Scale Factor: 0.999710899
MP 93.1 to 93.5	
Project Latitude: 39°31'48.75840"N	Proj Northing: 1625963.265
Project Longitude: 107°45'49.71130"W	Proj Easting: 2361528.718
	Northing Offset: 1600000.00
	Easting Offset: 2300000.00

Local COORDINATES (Point in FEET)						
PNT#	Latitude	Longitude	Grid Northing	Grid Easting	Elip Height	Description
93.2	39°31'51.32450"N	107°45'45.68035"W	1626214.952	2361850.915	5284.846	CDOT TYPE II
93.1	39°31'48.75840"N	107°45'49.71130"W	1625963.265	2361528.718	5303.138	CDOT TYPE II
93.5	39°31'58.04266"N	107°45'26.08164"W	1626856.281	2363402.889	5273.196	CDOT TYPE II
WDP 5	39°31'44.49503"N	107°46'49.61152"W	1625649.408	2356826.122	5291.378	CGS TYPE 5

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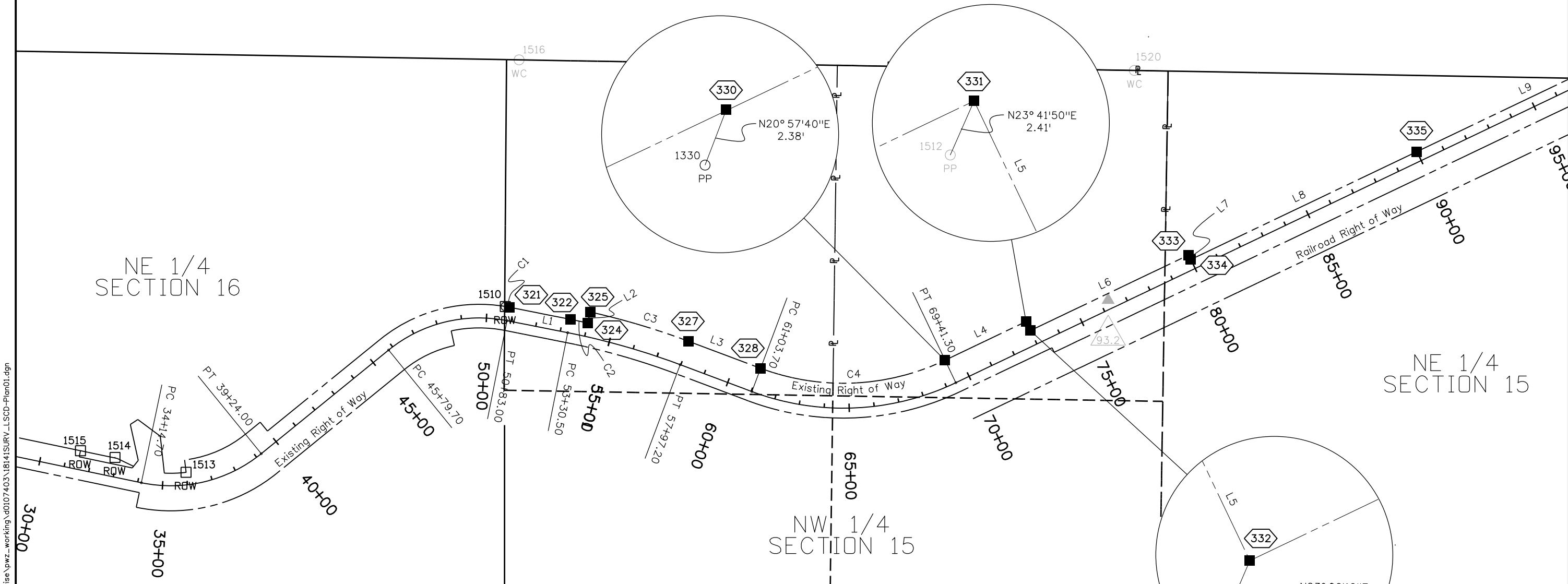
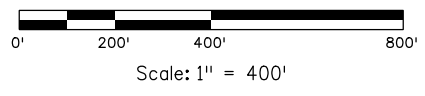
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Land Survey Control Diagram
 Plan Sheet

Project Number: C 0063-037
 Project Location: US 6 Culvert Repair MP 93.3 - Rifle

Project Code:	Last Mod. Date:	Subset:	Sheet No.:
18141	3/25/11	4.01 to 4.02	4.01

Township 6 South, Range 93 West, 6th P.M.



NE 1/4 SECTION 16

NE 1/4 SECTION 15

NW 1/4 SECTION 15

Name	Length		Direction	
	Measured	(Record)	Measured	(Record)
L1	247.37	(247.50)	S 78°47'16" E	(S 79°33'00" E)
L2	44.98	(45.00)	N 12°36'08" E	(N 11°50'24" E)
L3	306.41	(306.50)	S 69°27'16" E	(S 70°13'00" E)
L4	358.64	(358.76)	N 64°28'45" E	(N 63°43'00" E)
L5	39.98	(40.00)	S 25°31'16" E	(S 26°17'00" E)
L6	699.66	(700.00)	N 64°28'44" E	(N 63°43'00" E)
L7	19.99	(20.00)	S 25°31'16" E	(S 26°17'00" E)
L8	1000.00		N 64°28'44" E	
L9	1000.00	(2839.57)	N 64°28'44" E	(N 63°43'00" E)
L10	838.16		N 64°28'44" E	

Name	Radius	Arc Length		Tangent Length		Middle Ordinate	External Distance	Chord Direction	
		Measured	(Record)	Measured	(Record)			Measured	(Record)
C1	631.82	17.10	(17.11)	8.55	(8.65)	0.06	0.06	S 79°33'44" E	(S 80°19'50" E)
C2	2918.42	70.80	(70.83)	35.40	(35.42)	0.21	0.21	S 78°05'34" E	(S 78°51'18" E)
C3	2963.24	410.82	(411.03)	205.74	(205.84)	7.12	7.13	S 73°25'34" E	(S 74°11'18" E)
C4	941.15	756.70	(757.17)	400.14	(400.39)	75.03	81.53	N 87°30'44" E	(N 86°45'00" E)

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Sheet Revisions

Date	Description	Initials
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Sheet Revisions

Date	Description	Initials
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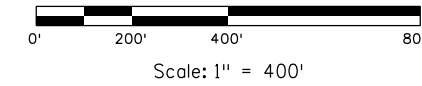
Land Survey Control Diagram

Plan Sheet

Project Number: C 0063-037
Project Location: US 6 Culvert Repair MP 93.3 - Rifle

Project Code:	Last Mod. Date	Subset	Sheet No.
18141	3/25/11	4.01 to 4.02	4.02

Township 6 South, Range 93 West, 6th P.M.

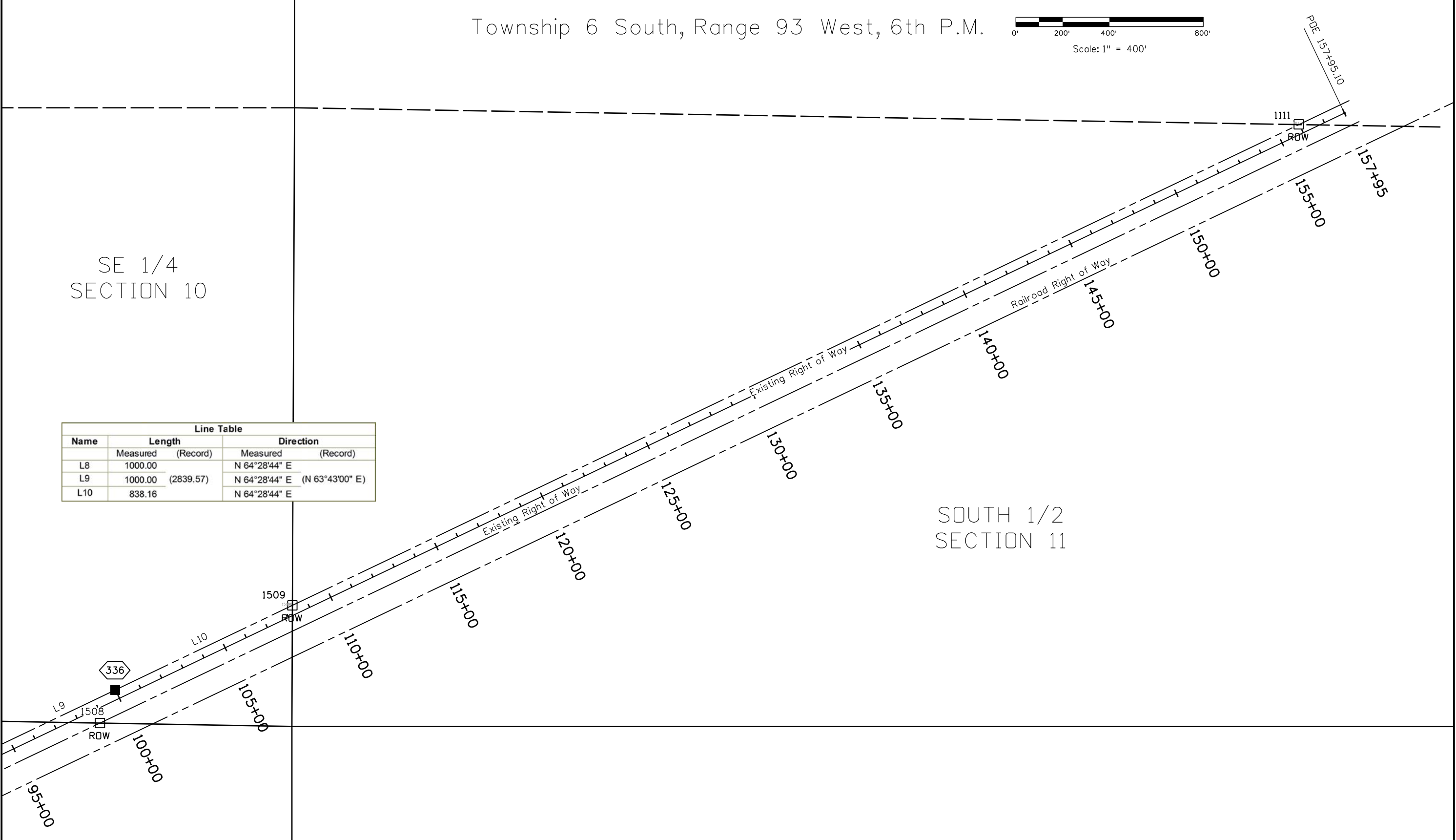


SE 1/4
SECTION 10

Line Table				
Name	Length		Direction	
	Measured	(Record)	Measured	(Record)
L8	1000.00		N 64°28'44" E	
L9	1000.00	(2839.57)	N 64°28'44" E (N 63°43'00" E)	
L10	838.16		N 64°28'44" E	

SOUTH 1/2
SECTION 11

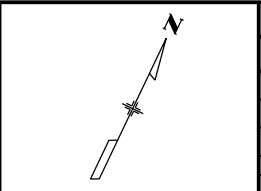
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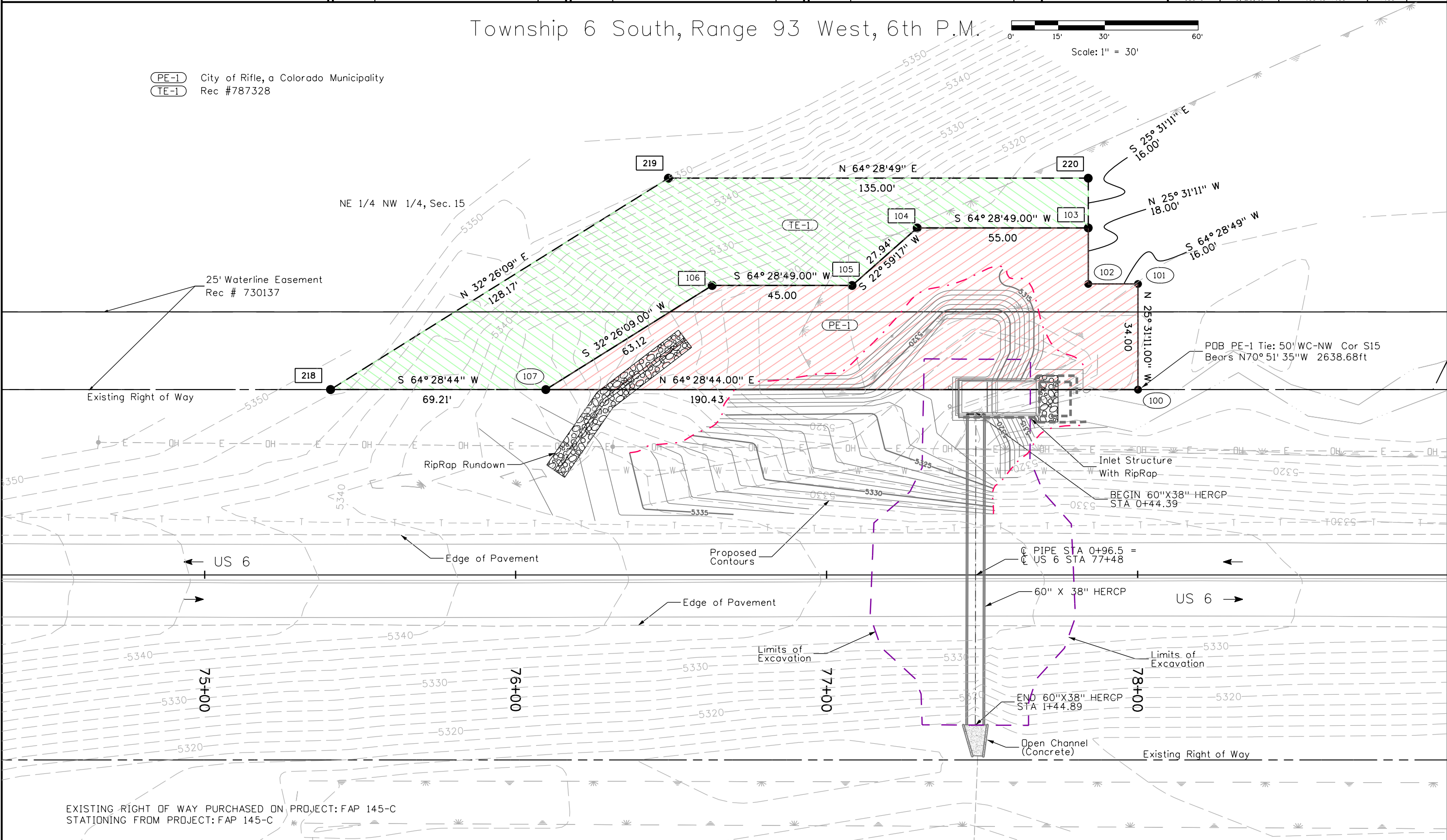
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Right of Way Plans			
Plan Sheet			
Project Number: C 0063-037			
Project Location: US 6 Culvert Repair MP 93.3 - Rifle			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
18141	3/25/11	7.01 to 7.01	7.01

Township 6 South, Range 93 West, 6th P.M.

(PE-1) City of Rifle, a Colorado Municipality
 (TE-1) Rec #787328

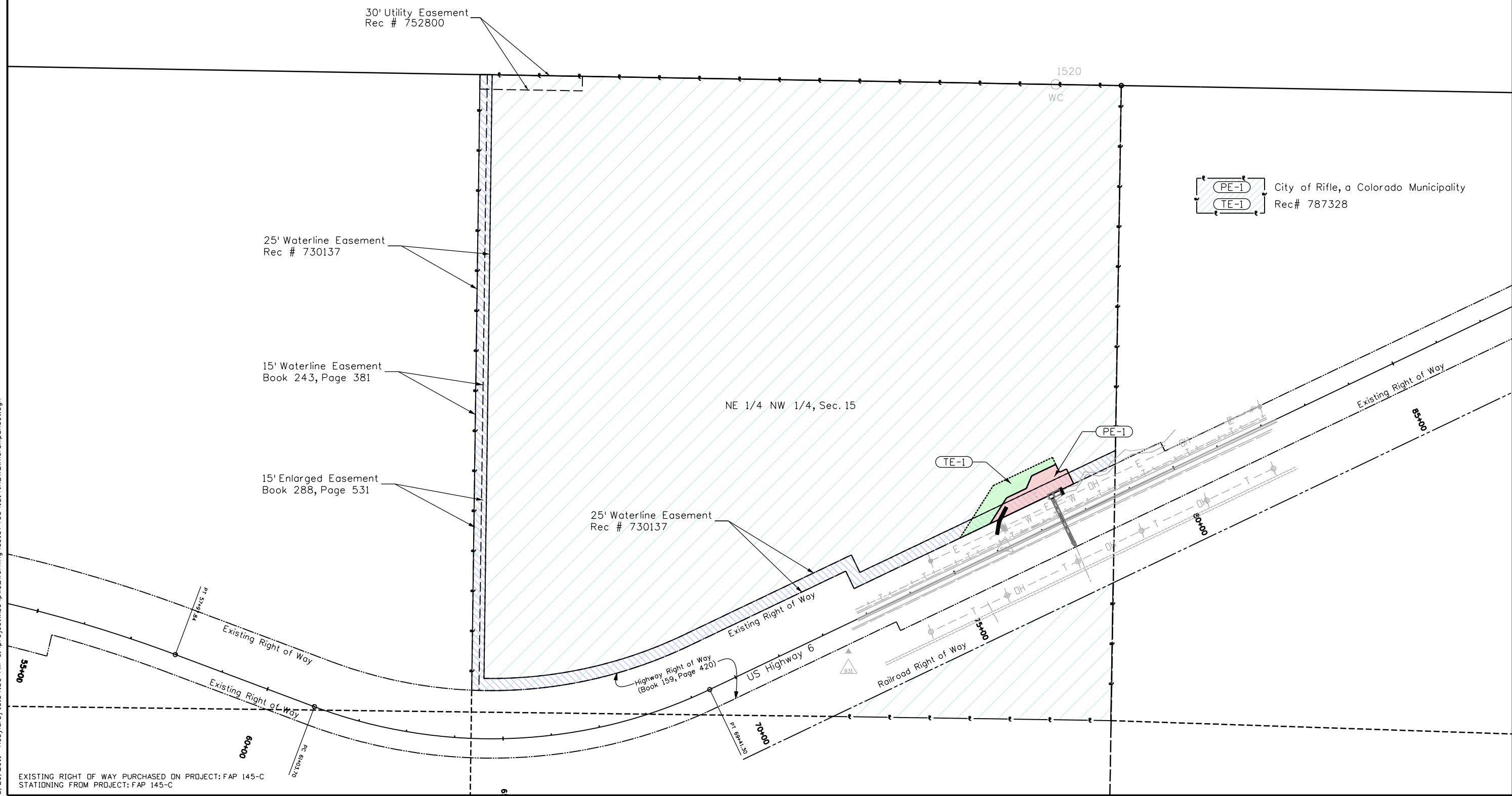
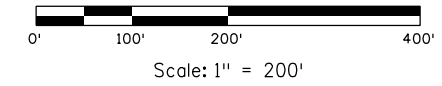


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EXISTING RIGHT OF WAY PURCHASED ON PROJECT: FAP 145-C
 STATIONING FROM PROJECT: FAP 145-C

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Township 6 South, Range 93 West, 6th P.M.



PE-1 City of Rifle, a Colorado Municipality
 TE-1 Rec# 787328

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EXISTING RIGHT OF WAY PURCHASED ON PROJECT: FAP 145-C
 STATIONING FROM PROJECT: FAP 145-C