

Colorado Department of Transportation



Address: 2000 South Holly St.
Denver, Co. 80222
Phone: 303-757-9923 FAX: 303-757-9053
Region 6: SLK

Sheet Revisions

Date	Description	Initials

Sheet Revisions

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Right of Way Plans

Title Sheet			
Project Number: STE 1211-077			
Project Location: SH 121: MULTI-USE TRAIL			
Project Location: SEC. 26, T3S, R69W, 6PM			
Project Code:	Last Mod. Date:	Subset	Sheet No.
16096	01-12-2011	1.01 of 1.01	1.01

CITY OF WHEAT RIDGE JEFFERSON COUNTY STATE OF COLORADO RIGHT OF WAY PLANS OF PROPOSED FEDERAL AID PROJECT NO. STE 1211-077 STATE HIGHWAY NO. 121

SHEET NO.

1.01
2.01
3.01
4.01-4.02
5.01
6.01
7.01-7.02
8.01

INDEX OF SHEETS

(1) Title Sheet
(1) Tabulation of Properties
N/A
(2) Land Survey Control Diagram
N/A
N/A
(2) Plan Sheets
N/A
(06) Total Sheets

Scales of Original 11x17 Drawings
Plan Sheets 1"=50'
Ownership Map N/A

Basis of Bearings: Bearings used is N 00°19'32" W from the S ¼ Corner of Section 26, Township 3 South, Range 69 West of the 6th Principle Meridian, being a 2" aluminum cap stamped LS 13212 on a steel rod in a range box, to the Center ¼ Corner of said Section 26 which is a 3/4" brass cap stamped LS 13212 on a steel pipe in a range box.

1. This Right-of-Way Plan was prepared for use by the Colorado Department of Transportation only. This Right of Way Plan is not a complete boundary survey and should not be construed as being a monumented land survey.

2. Title Policy, title commitment and title research were not part of the Right of Way Plan. Therefore, easements, rights, and restrictions of record are not shown on the Right of Way Plan. The verification of the physical evidence with relation to easements, rights of way, property boundaries, and restrictions, as described in the instruments of record, were not included in the Right of Way Plan.

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.

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.

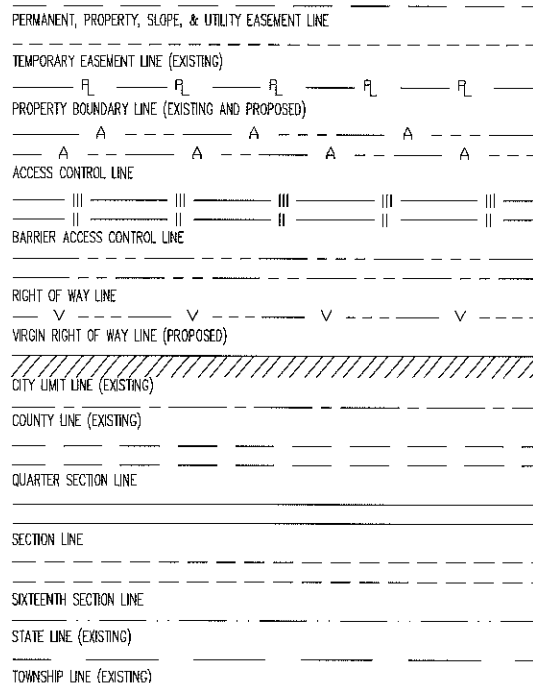
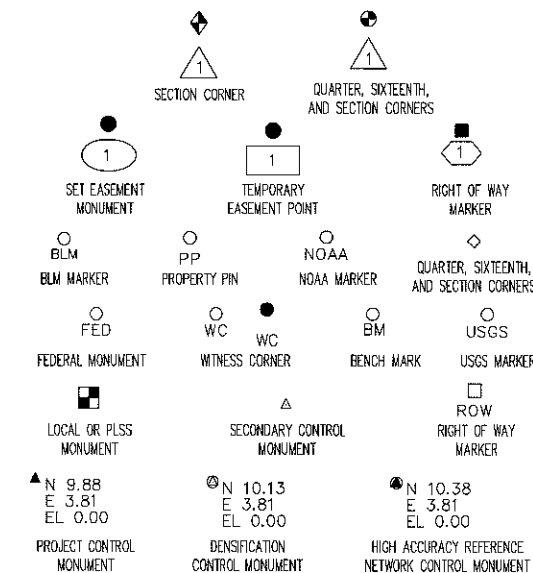
COLORADO DEPARTMENT OF TRANSPORTATION
FEDERAL-AID HIGHWAY PROJECT

ROW PLANS AUTHORIZED: _____ DATE _____
CDOT ROW PROGRAM MANAGER

SURVEYOR STATEMENT (ROW PLAN)

I, David F. Brassman, 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. 32429



SURVEY/ROW

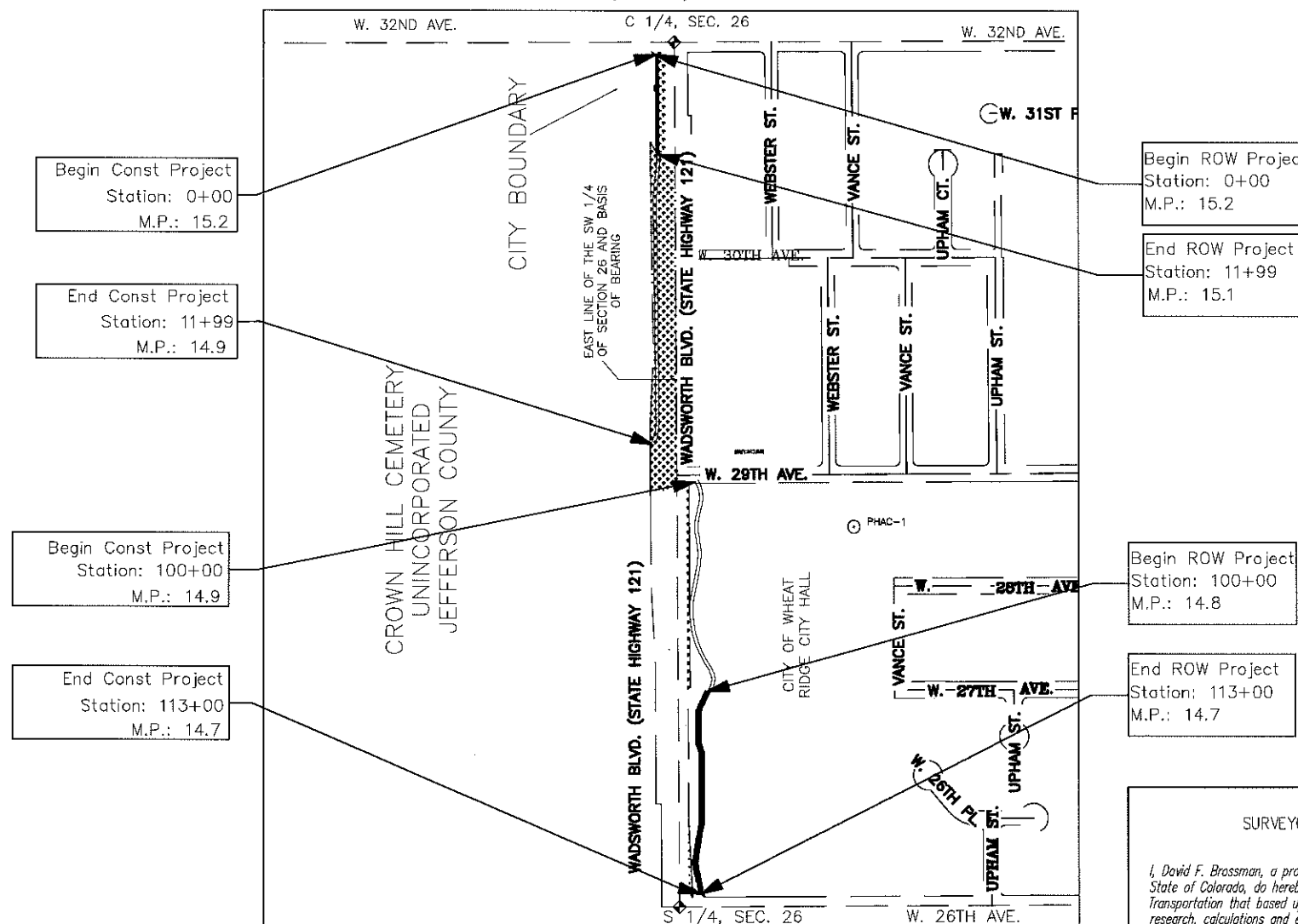
TOP OF CUT

TOE OF FILL

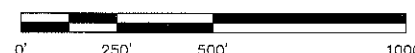
TERRAIN

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).

R.O.W. Length of Project = 0.50 Miles
Const. Length of Project = 0.50 Miles



PROJECT LOCATION MAP





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SLK

[illegible][illegible][illegible]

Right of Way Plans

Tabulation of Properties

Project Number: STE 1211-077

Project Location: SH 121: MULTI-USE TRAIL

Project Location: SEC. 26, T3S, R69W, 6PM

Project Code:	Last Mod. Date	Subset	Sheet No.
18096	01-12-2011	2.01 of 2.01	2.01

R.O.W. TABULATION OF PROPERTIES IN JEFFERSON COUNTY, S.H. 121

[illegible]

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Land Survey Control Diagram

Title Sheet

Project Number: STE 1211-077			
Project Location: SH 121: MULTI-USE TRAIL			
Project Location: SEC. 26, T3S, R69W, 6PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
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SHEET NO.

4.01
4.02

INDEX OF SHEETS

(1) Title Sheet
(1) Survey Control Table
(02) Total Sheets

CITY OF WHEAT RIDGE JEFFERSON COUNTY STATE OF COLORADO LAND SURVEY CONTROL DIAGRAM

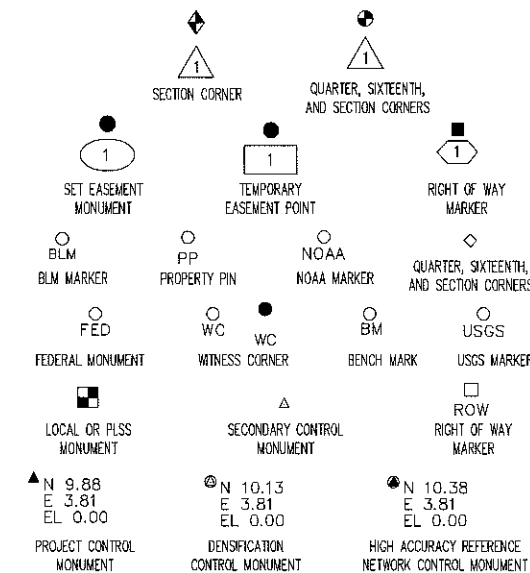
State Highway 121 MP 14.7 to 15.2

Section 26

Township 3 South, Range 69 West

of the 6th Principle Meridian

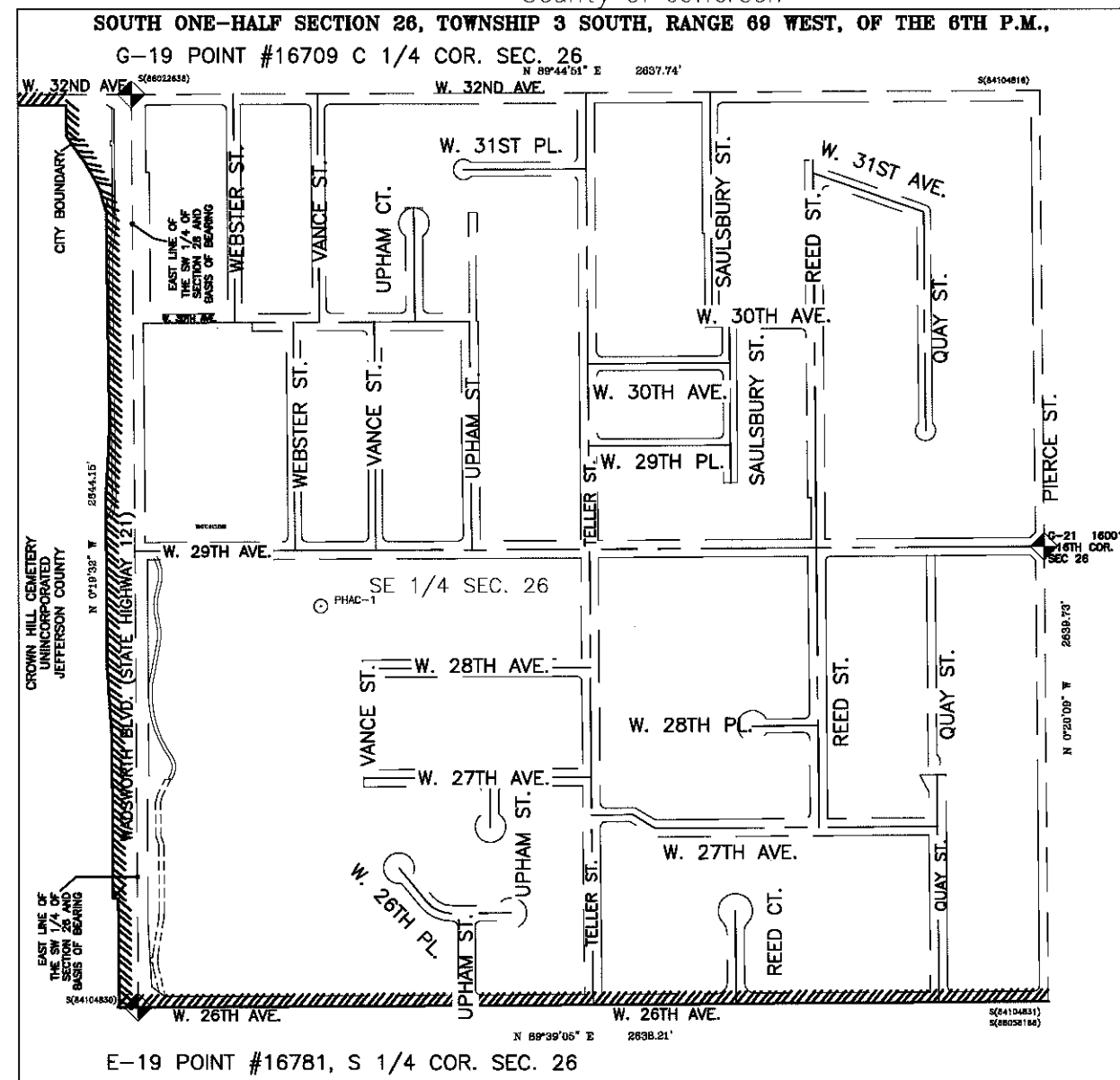
County of Jefferson



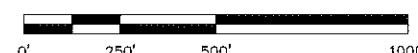
Note: For a complete listing of symbolology used within this set of plans, please refer to the M-100-1 Standard Symbols of the Colorado Department of Transportation M&S Standards Publication dated July 2006. Existing features are shown as screened weight (gray scale). Proposed or new features are shown as full weight without screening.

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. This Land Survey Control Diagram is not a complete boundary survey and should not be construed as being a monumented land survey.
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. Distances are in U. S. Survey Feet.



PROJECT LOCATION MAP



BASIS OF BEARINGS: Bearing used is N 00°19'32" W from The S 1/4 Corner of Section 26, Township 3 South, Range 69 West of the 6th Principal Meridian, being a 2" aluminum cap stamped LS 13212 on a steel rod in a range box, to the Center 1/4 Corner of said Section 26 which is a 3 1/4" brass cap stamped LS 13212 on a steel pipe in a range box.

BASIS OF ELEVATIONS: Project elevations are based on the City of Wheat Ridge Permanent High Accuracy Control point #1 (PHAC-1), being a 12 foot-long stainless steel rod with sleeve and datum access cover set in concrete, with an NAVD88 elevation of 5471.62 ft. PHAC-1 is a second order (vertical) monument having a "B" stability rating, as defined by the National Geodetic Survey.

COORDINATE DATUM: The Current City Datum coordinate system used is a ground-based modified form of the NAD83/92 (NAD83 HARN) State Plane Coordinate System, Colorado Central Zone 0502. Ground to grid combined scale factor is 0.99974780300, scaled from base point PHAC-1 having the following NAD83/92 State Plane coordinates: PHAC-1 = NORTHING: 1701258.75, EASTING: 3118217.58, ELEVATION: 5471.62

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, David F. Brossman, a professional and 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.

P.L.S. No. 32429

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Land Survey Control Diagram

Survey Control Tables

Project Number: STE 1211-077			
Project Location: SH 121: MULTI-USE TRAIL			
Project Location: SEC. 26, T3S, R69W, 6PM			
Project Code:	Last Mod. Date:	Subset	Sheet No.
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FOUND ALIQUOT MONUMENT COORDINATE TABLE

Point No.	Northing (ft)	Easting (ft)	Description
16709	703168.57	118458.25	C1/4, S 26
16781	700524.46	118473.27	S1/4, S 26
160010	701860.36	121103.64	16TH Between S 25 & S 26

FOUND PROPERTY MONUMENT COORDINATE TABLE

Point No.	Northing (ft)	Easting (ft)	Description
1449	701185.66	118499.51	Property Pln
1457	701185.73	118505.83	Property Pln

SURVEY CONTROL POINTS

Point No.	Northing (ft)	Easting (ft)	Description
PHAC-1	701687.91	119004.18	PHAC-1 In Survey Control Table
G-19	703168.57	118458.25	Point# 16709 In Survey Control Table
E-19	700524.46	118473.27	Point# 16781 In Survey Control Table
160010	701860.36	121103.64	Point# 160010 In Survey Control Table

SURVEY CONTROL TABLE

Point #	Colorado Central Zone NAD83/92 State Plane		NAVD88	Combined Scale Factor	City of Wheat Ridge Datum		NAVD88	Corner Description	Monument Description & Notes
	Northing	Easting	Elevation		Northing	Easting	Elevation		
	US Survey Feet	US Survey Feet	US Survey Feet		US Survey Feet	US Survey Feet	US Survey Feet		
PHAC 1	1701258.75	3118217.58	5471.62	1.00025226062	701687.91	119004.18	5471.62	N/A	9/16 Stainless Steel Rod 12 ft. long with sleeve and Datum Access Cover
16709	1702739.03	3117671.78	5491.46	1.00025226062	703168.57	118458.25	5491.46	C1/4, S26	3-1/4" Brass cap on Aluminum monument in Range Box "LS 13212"
16781	1700095.59	3117686.80	5478.01	1.00025226062	700524.46	118473.27	5478.01	S1/4, S26	2" Aluminum cap on #12 rebar in Range Box "LS 13212"
160010	1701431.16	3120316.51	5446.25	1.00025226062	701860.36	121103.64	5446.25	16TH	3-1/4" Brass cap and Al monument in Range Box "LS 32429". S 1/16th between S 26 & S25.

This project was surveyed using the "City of Wheat Ridge Datum", a ground-based form of the NAD83 HARN State Plane System (see Computation Notes below)

Computation Notes:

The City of Wheat Ridge Datum is related to Colorado State Plane Central Zone NAD83 using the following elements:

Center of Project has been determined to be at the approximate location of the Center West 16th corner of Section 22, T3S, R69W, at the intersection Hoyt Court and 43rd Avenue extended.

An Average Latitude of 39°46'35.634" and an Average Longitude of 105°06'17.736 has been established at the Center of Project

U.S Army Corp of Engineer Geodetic conversion program Corpscon V6.0 was used the Average Latitude and Average Longitude to calculate a Scale Factor of 1.000005363 at the Center of Project.

Project Average Elevation has been determined to be 5440.00 feet by averaging the elevations of all observed monuments.

The Elevation Factor of 0.99974244138 was determined by dividing the Accepted Earth Radius (20,906,000 feet) by the sum of the Accepted Earth Radius and the Average Elevation.

The Combined Factor of 0.999747803 was determined by multiplying the Scale Factor by the Elevation Factor.

The City of Wheat Ridge Datum coordinates were determined by Multiplying the Colorado Central Zone State Plane NAD83 Coordinates by the inverse (1.00025226062) of the Combined Factor and then truncating 1,000,000 from the Northing Coordinate and 3,000,000 from the Easting Coordinate

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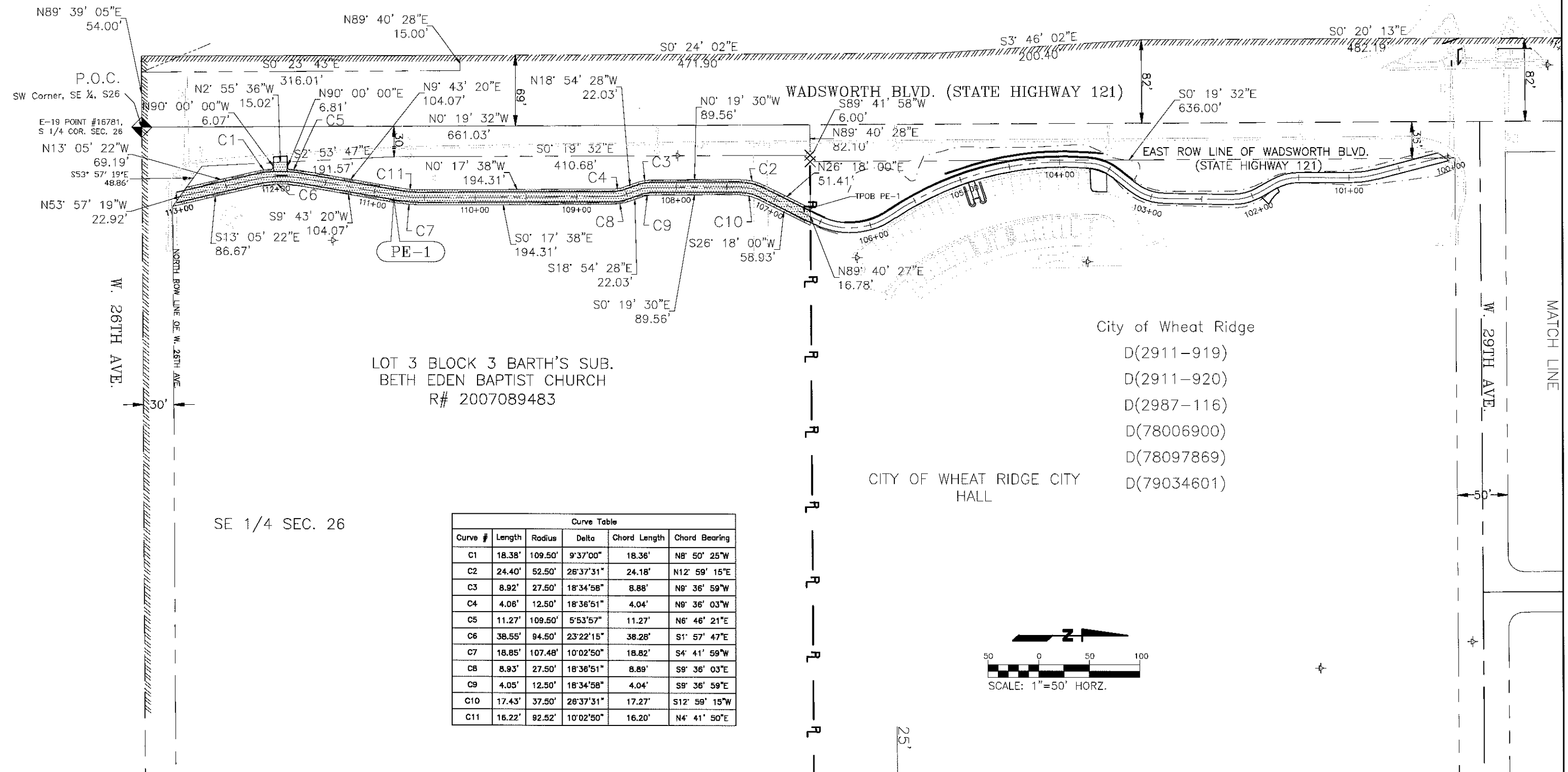
Right of Way Plans

Plan Sheet

Project Number: STE 1211-077			
Project Location: SH 121: MULTI-USE TRAIL			
Project Location: SEC. 26, T3S, R69W, 6PM			
Project Code:	Last Mod. Date	Subset	Sheet No.
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SW 1/4 SEC. 26

UNINCORPORATED JEFFERSON COUNTY
CROWN HILL CEMETERY
39-274-00-006



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Project Number: STE 1211-077
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Project Location: SEC. 26, T3S, R69W, 6PM
Project Code: Last Mod. Date
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