



Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX	mm/dd/yy	XXXXXXXX	XXX	mm/dd/yy	XXXXXXXX	XXX

Right of Way Plans			
Title Sheet			
Project Number: BRM 356-022			
Project Location: 80th Ave. over US36 Bridge Replacement			
Project Location:			
Project Code:	Last Mod. Date	Subset	Sheet No.
16696	12-18-09	1.01 of 1.01	1.01

DEPARTMENT OF TRANSPORTATION

STATE OF COLORADO

RIGHT OF WAY PLANS OF PROPOSED FEDERAL AID PROJECT NO. BRM 356-022 STATE HIGHWAY NO. US 36 ADAMS COUNTY

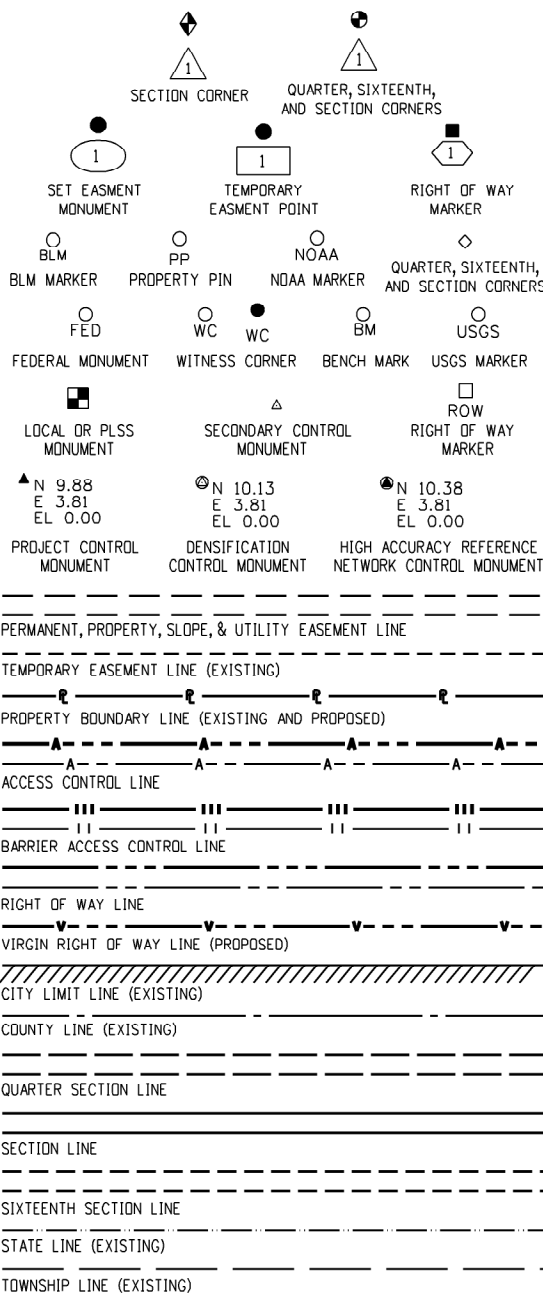
SHEET NO. INDEX OF SHEETS

1.01	(1) Title Sheet
2.01	(1) Tabulation of Properties
3.01-3.02	(2) Project Control Diagram
4.01	(1) Monumentation Sheets
5.01-5.02	(2) Plan Sheets
6.01	(1) Ownership Map
(8) Total Sheets	

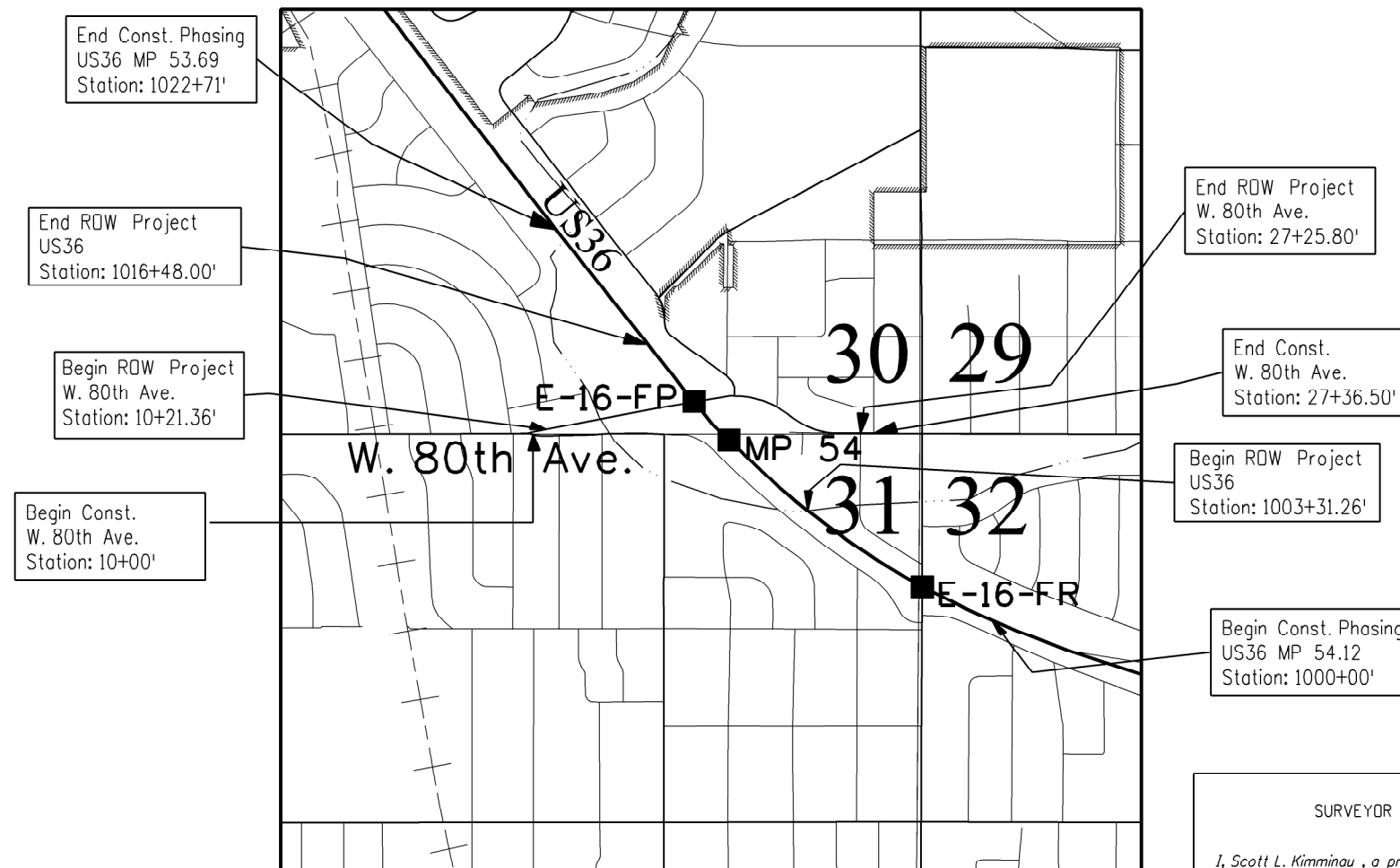
Scales of Original 11x17 Drawings
Plan Sheets 1"=100'
Ownership Map 1"=100'

TITLE SHEET NOTES

Basis of Bearings:
All bearings are grid bearings of the UTM system, Zone 13 North, NAD 1983 (1992) as published for CDDT project NH 0361-070 (US36-EIS). The line between points A453 (NGS deep rod in logo box) and B453 (NGS deep rod in logo box) bears N. 39° 03' 28" W.
1. For Surveyor's Statement and General Notes, see Sheet 4.01.



R.O.W. Length of Project = .32 Miles (W. 80th Ave.)
Const. Length of Project = .33 Miles (W. 80th Ave.)



PROJECT LOCATION MAP
NOT TO SCALE

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), 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).

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

AUTHORIZED: _____ DATE _____

DIVISION ADMINISTRATOR

SURVEYOR STATEMENT (ROW PLAN)

I, Scott L. Kimminau, 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. 29757

FILING CERTIFICATION: DAY OF _____, 20____, AT _____, M.,
 DEPOSITED THIS _____ OF THE COUNTY LAND SURVEYS/RIGHT OF WAY
 SURVEYS AT PAGE _____ RECEPTION NUMBER _____
 DEPT. _____
 SIGNED _____
 6/1/2010 kellyke 10:41:27 AM Z:\G-SH36\16696ROW_Survey\Drawings\16696ROW_TitleSheet2EM.cgn

SURVEY/ROW

TERRAIN



2000 South Holly
Denver, CO 80222
Phone: 303-757-9923 FAX: 303-757-9390

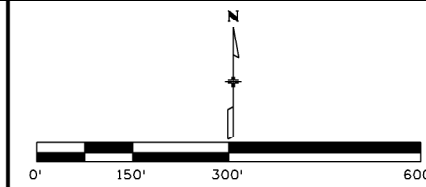
Region 6

SLK

Sheet Revisions

Date mm/yy	Description XXXXXXXX	Initials XXX

LAND SURVEY CONTROL DIAGRAM
IN SECTIONS 30 & 31 T.2S., R.68W. of the 6th P.M.
ADAMS COUNTY
Prepared by C.D.O.T., Region 6 R.O.W./Survey Dept.



Land Survey Control Diagram
Title Sheet

Project Number: BRM 356-022			
Project Location: 80TH Ave. over US36 Bridge Replacement			
Project Location:			
Project Code: 16696	Last Mod. Date: 11-7-08	Subset Sheets: 3.01 of 3.02	Sheet No.: 3.01

BASIS OF GPS SURVEY IN U.S. SURVEY FEET

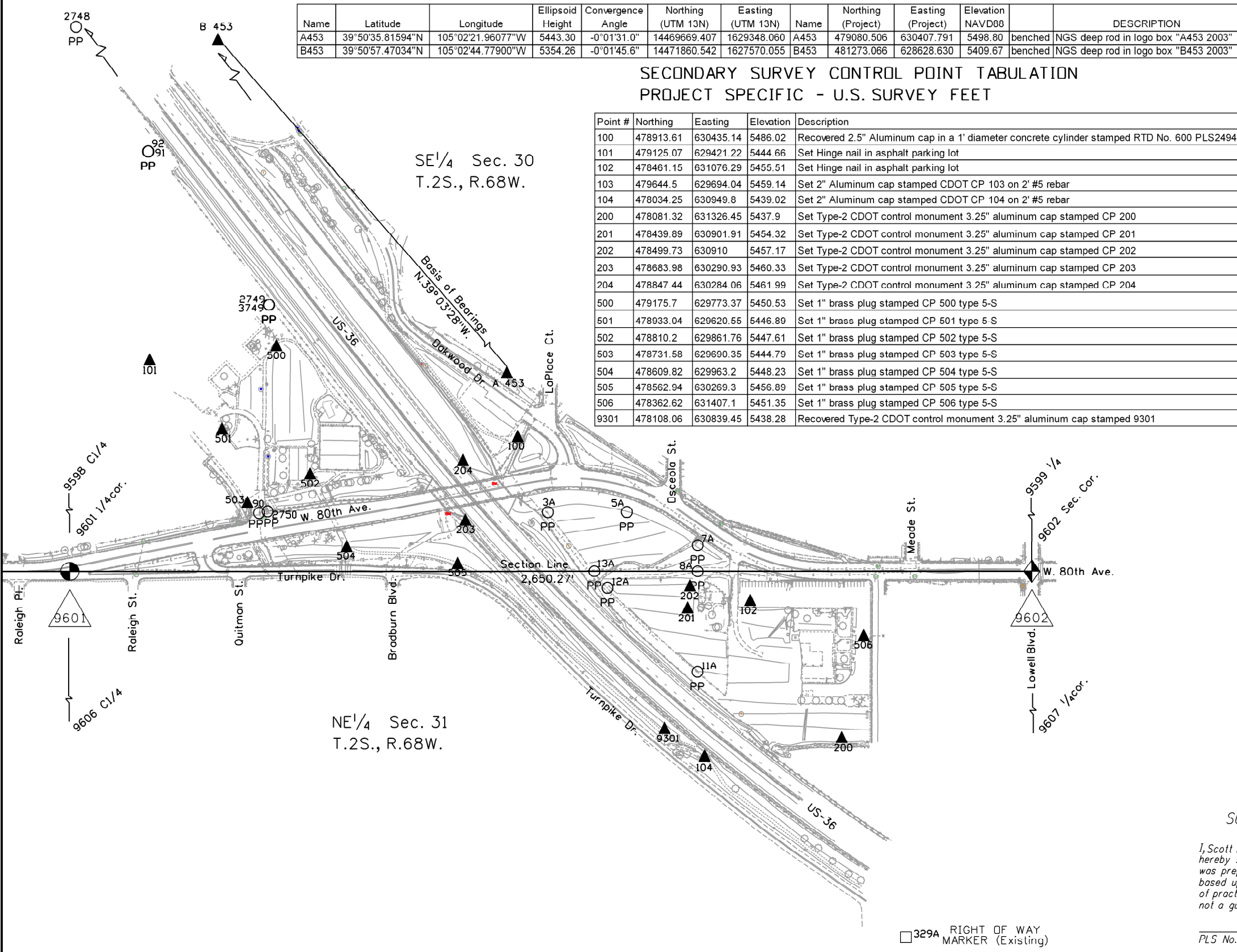
Name	Latitude	Longitude	Ellipsoid Height	Convergence Angle	Northing (UTM 13N)	Easting (UTM 13N)	Name	Northing (Project)	Easting (Project)	Elevation NAVD88	DESCRIPTION
A453	39°50'35.81594"N	105°02'21.96077"W	5443.30	-0°01'31.0"	14469669.407	1629348.060	A453	479080.506	630407.791	5498.80	benched NGS deep rod in logo box "A453 2003"
B453	39°50'57.47034"N	105°02'44.77900"W	5354.26	-0°01'45.6"	14471860.542	1627570.055	B453	481273.066	628628.630	5409.67	benched NGS deep rod in logo box "B453 2003"

SECONDARY SURVEY CONTROL POINT TABULATION
PROJECT SPECIFIC - U.S. SURVEY FEET

Point #	Northing	Easting	Elevation	Description
100	478913.61	630435.14	5486.02	Recovered 2.5" Aluminum cap in a 1' diameter concrete cylinder stamped RTD No. 600 PLS24942
101	479125.07	629421.22	5444.66	Set Hinge nail in asphalt parking lot
102	478461.15	631076.29	5455.51	Set Hinge nail in asphalt parking lot
103	479644.5	629694.04	5459.14	Set 2" Aluminum cap stamped CDOT CP 103 on 2' #5 rebar
104	478034.25	630949.8	5439.02	Set 2" Aluminum cap stamped CDOT CP 104 on 2' #5 rebar
200	478081.32	631326.45	5437.9	Set Type-2 CDOT control monument 3.25" aluminum cap stamped CP 200
201	478439.89	630901.91	5454.32	Set Type-2 CDOT control monument 3.25" aluminum cap stamped CP 201
202	478499.73	630910	5457.17	Set Type-2 CDOT control monument 3.25" aluminum cap stamped CP 202
203	478683.98	630290.93	5460.33	Set Type-2 CDOT control monument 3.25" aluminum cap stamped CP 203
204	478847.44	630284.06	5461.99	Set Type-2 CDOT control monument 3.25" aluminum cap stamped CP 204
500	479175.7	629773.37	5450.53	Set 1" brass plug stamped CP 500 type 5-S
501	478933.04	629620.55	5446.89	Set 1" brass plug stamped CP 501 type 5-S
502	478810.2	629861.76	5447.61	Set 1" brass plug stamped CP 502 type 5-S
503	478731.58	629690.35	5444.79	Set 1" brass plug stamped CP 503 type 5-S
504	478609.82	629963.2	5448.23	Set 1" brass plug stamped CP 504 type 5-S
505	478562.94	630269.3	5456.89	Set 1" brass plug stamped CP 505 type 5-S
506	478362.62	631407.1	5451.35	Set 1" brass plug stamped CP 506 type 5-S
9301	478108.06	630839.45	5438.28	Recovered Type-2 CDOT control monument 3.25" aluminum cap stamped 9301

GENERAL NOTES

- This Land Survey Control Diagram is prepared for Colorado Department of Transportation purposes only. This Land Survey Control Diagram is not a Land Survey Plat, Boundary Survey or Right of Way Plat and does not address matters of title. No decision 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.
- 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.
- No guarantee as to the accuracy of the information contained on the attached drawing is either stated or implied unless this copy bears and original signature of the professional land surveyor hereon named.
- Horizontal Control Tolerance for Primary control meets CDOT class A (+/- 0.07' with 95% certainty).
Horizontal Control Tolerance for Secondary control meets CDOT class B (+/- 0.13' with 95% certainty).
- BASIS OF BEARINGS:
All bearings are grid bearings of the UTM system, Zone 13 North, NAD 1983 (1992) as published for CDOT project NH 0361-070 (US36-EIS). The line between points A453 (NGS deep rod in logo box) and B453 (NGS deep rod in logo box) bears N. 39°03'28" W.
- BASIS OF ELEVATION:
Elevations are based on a First Order Class II leveling project by CDOT that established a field elevation on A453 of 5,498.80ft/1676.038m in NAVD 88. As of September 7, 2006, the level data was being prepared for "blue-booking" by NGS. Once that process is completed, the elevations published herein could vary from the NGS published adjustment values by several tenths of a foot.
- Elevations were run to an accuracy of +/- 0.035 ft. times the square root of the distance traversed in miles.
- Coordinates were established on the tabulated secondary monuments with RTK using dual bases on the primary control points and meaning the two observations at each location.
- To convert UTM Grid Coordinates to Project Coordinates:
(UTM Grid Northing in USFT x 1.000650402) - 14,000,000 = Project Northing
(UTM Grid Easting in USFT x 1.000650402) - 1,000,000 = Project Easting
- Survey information in orange field book indexed: 1110 & 1112 (vert.&topo.).



SURVEYOR STATEMENT (LAND SURVEY CONTROL DIAGRAM)

I, Scott L. Kimminau, a professional land surveyor licensed in the State of Colorado, do hereby state to the Colorado Department of Transportation that 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.

329A RIGHT OF WAY MARKER (Existing)

PLS No. 29757

Date



2000 South Holly
Denver, CO 80222
Phone: 303-757-9922 FAX: 303-757-9390

Region 6

SLK

Sheet Revisions

Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX

Land Survey Control Diagram

Plan Sheet

Project Number: BRM 356-022			
Project Location: 80th Ave. over US36 Bridge Replacement			
Project Location:			
Project Code:	Last Mod. Date	Subset	Sheet No.
16696	02-02-09	3.02 of 3.02	3.02

FOUND ALIQUOT MONUMENT COORDINATE TABLE

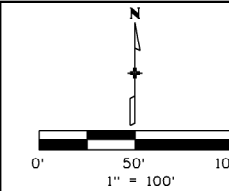
Point No.	Northing	Easting	Elevation	Description
9598	481291.123	629194.975	5418.574	W.C. is a 3.25" Alum. Cap
9599	481184.009	631845.966	5493.314	3" Alum. Cap in range box
9601	478545.291	629200.927	5411.860	3.25" Alum. Cap in range box
9602	478545.969	631851.198	5456.937	1" Rebar w/Flagging in range box
9606	475893.861	629198.709	5346.394	3.25" Alum. Cap in range box
9607	475898.360	631841.822	5358.731	3.25" Alum. Cap in range box

FOUND BOUNDARY MONUMENT COORDINATE TABLE

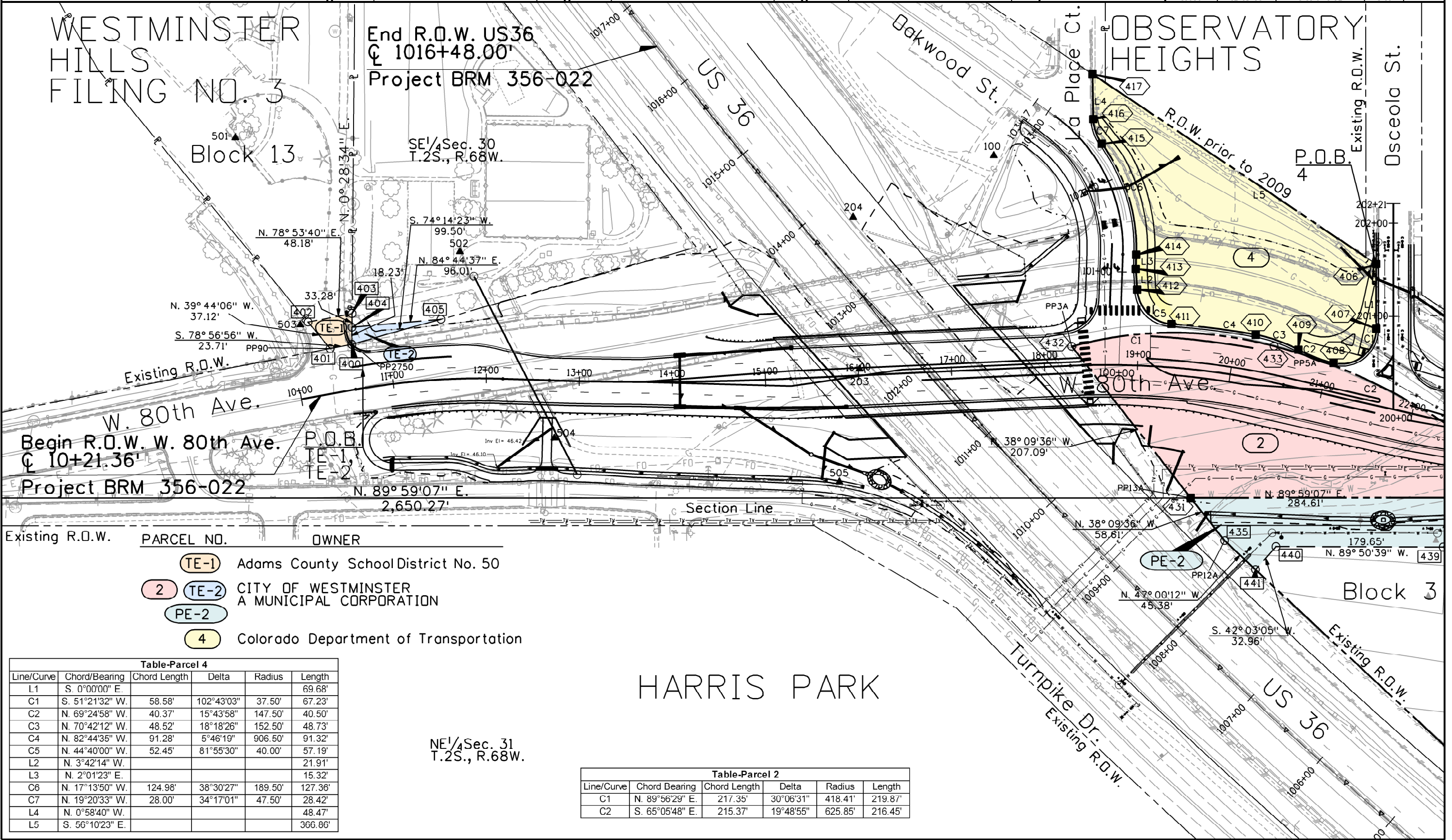
Point No.	Northing	Easting	Elevation	Description
3A	478708.412	630518.093	5468.051	Type 1 stamped "CDOH/PLS 23875/CBC Inc./1992"
5A	478708.721	630735.559	5468.217	1.25" Yellow Plastic Cap (YPC) "RLS 23875"
7A	478617.960	630930.887	5464.104	1.25" YPC "RLS 23875"
8A	478545.676	630930.719	5459.468	1.25" YPC "RLS 23875"
11A	478268.458	630930.242	5446.298	Type 1 stamped "CDOH/PLS 23875/CBC Inc./1992"
12A	478499.680	630682.454	5455.561	Type 1 stamped "CDOH/PLS 23875/CBC Inc./1992"
13A	478545.702	630646.114	5458.764	1.25" YPC "RLS 23875"
90	478706.089	629722.405	5445.026	Nail in 1" brass washer "R.E. Port LS 15321"
91	479702.813	629417.557	5443.338	1.25" YPC "R.E. Port LS 15321"
92	479702.803	629416.088	5443.128	Broken YPC illegible on #5 Rebar
329A	477536.903	631504.915	5412.434	3" Brass Cap stamped "Colo State Highways ROW Marker"
2748	481668.374	627870.953	5403.969	1.5" Alum. Cap "R-Bell PLS 31545"
2749	479280.395	629749.193	5452.846	1.25" YPC-(illegible)
2750	478710.634	629745.676	5446.025	1.25" YPC "R.E. Port & Assoc LS 15321"
3749	479279.639	629750.404	5452.691	1.25" YPC "R.E. Port & Assoc LS 15321"



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Right of Way Plans			
Plan Sheet			
Project Number: BRM 356-022			
Project Location: 80th Ave. over US36 Bridge Replacement			
Project Location:			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
16696	12-18-09	5.01 of 5.02	5.01



Existing R.O.W.	PARCEL NO.	OWNER
(TE-1)	Adams County School District No. 50	
(2)	(TE-2)	CITY OF WESTMINSTER A MUNICIPAL CORPORATION
(PE-2)		
(4)		Colorado Department of Transportation

Line/Curve	Chord/Bearing	Chord Length	Delta	Radius	Length
L1	S. 0°00'00" E.				69.68'
C1	S. 51°21'32" W.	58.58'	102°43'03"	37.50'	67.23'
C2	N. 69°24'58" W.	40.37'	15°43'58"	147.50'	40.50'
C3	N. 70°42'12" W.	48.52'	18°18'26"	152.50'	48.73'
C4	N. 82°44'35" W.	91.28'	5°46'19"	906.50'	91.32'
C5	N. 44°40'00" W.	52.45'	81°55'30"	40.00'	57.19'
L2	N. 3°42'14" W.				21.91'
L3	N. 2°01'23" E.				15.32'
C6	N. 17°13'50" W.	124.98'	38°30'27"	189.50'	127.36'
C7	N. 19°20'33" W.	28.00'	34°17'01"	47.50'	28.42'
L4	N. 0°58'40" W.				48.47'
L5	S. 56°10'23" E.				366.86'

Line/Curve	Chord Bearing	Chord Length	Delta	Radius	Length
C1	N. 89°56'29" E.	217.35'	30°06'31"	418.41'	219.87'
C2	S. 65°05'48" E.	215.37'	19°48'55"	625.85'	216.45'

NE 1/4 Sec. 31
T.2S., R.68W.

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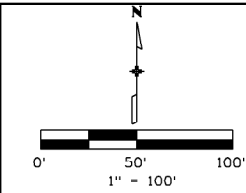


2000 South Holly
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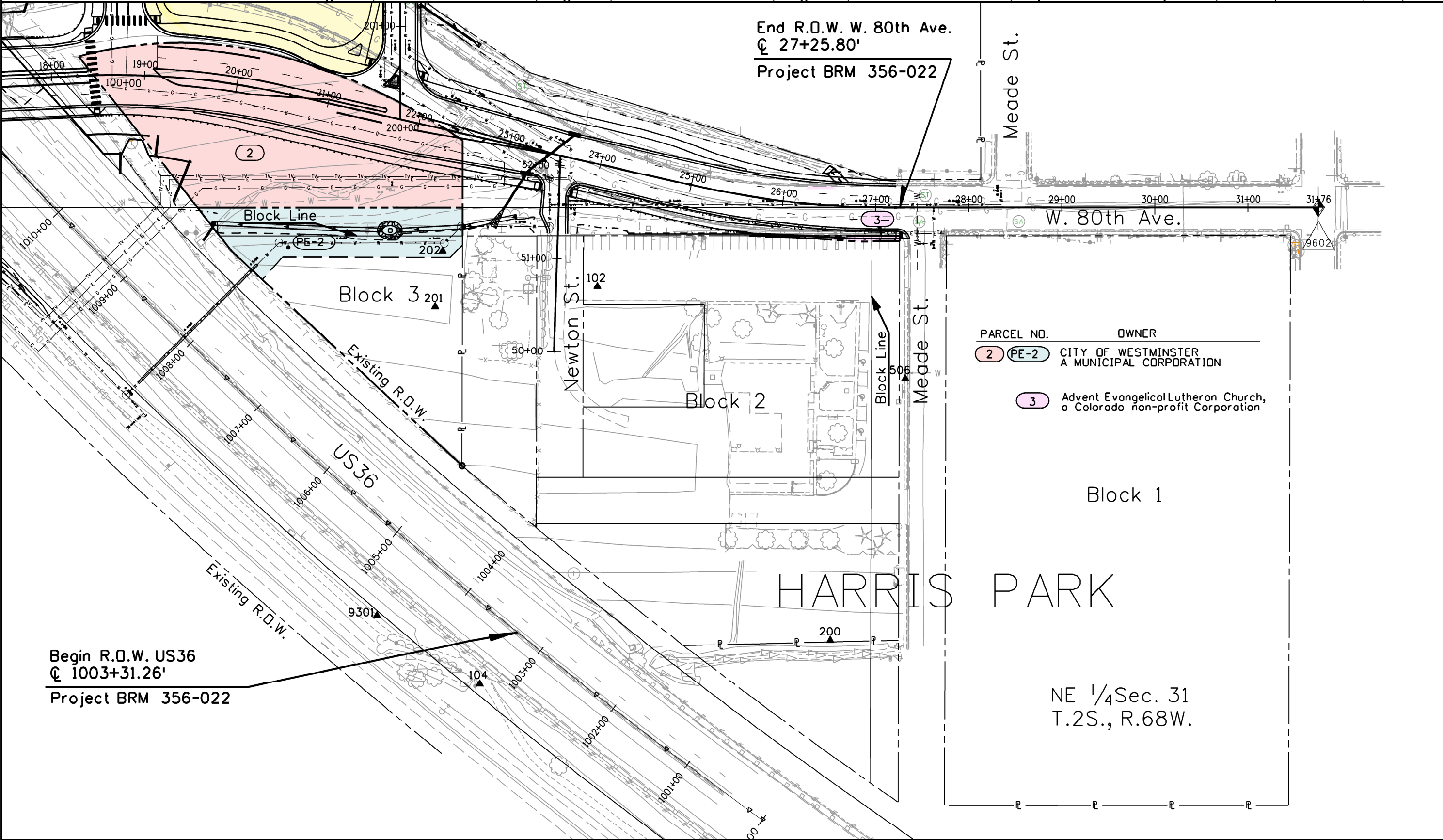
Region 6

SLK

Sheet Revisions			Sheet Revisions			Sheet Revisions		
Date	Description	Initials	Date	Description	Initials	Date	Description	Initials
mm/dd/yy	XXXXXXXX	XXX	mm/dd/yy	XXXXXXXX	XXX	mm/dd/yy	XXXXXXXX	XXX



Right of Way Plans			
Ownership Sheet			
Project Number: BRM 356-022			
Project Location: 80th Ave. over US36 Bridge Replacement			
Project Location:			
Project Code:	Last Mod. Date:	Subset:	Sheet No.:
16696	12-18-09	6.01 of 6.01	6.01



End R.O.W. W. 80th Ave.
☉ 27+25.80'
Project BRM 356-022

Begin R.O.W. US36
☉ 1003+31.26'
Project BRM 356-022

PARCEL NO.	OWNER
2 (PE-2)	CITY OF WESTMINSTER A MUNICIPAL CORPORATION
3	Advent Evangelical Lutheran Church, a Colorado non-profit Corporation

HARRIS PARK

NE 1/4 Sec. 31
T.2S., R.68W.

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