



# AUSTIN BLUFFS PARKWAY SEGMENT 3 CORRIDOR IMPROVEMENTS BARNES ROAD to OLD FARM DRIVE COLORADO SPRINGS, COLORADO

RFP PLAN SET  
JANUARY 2013

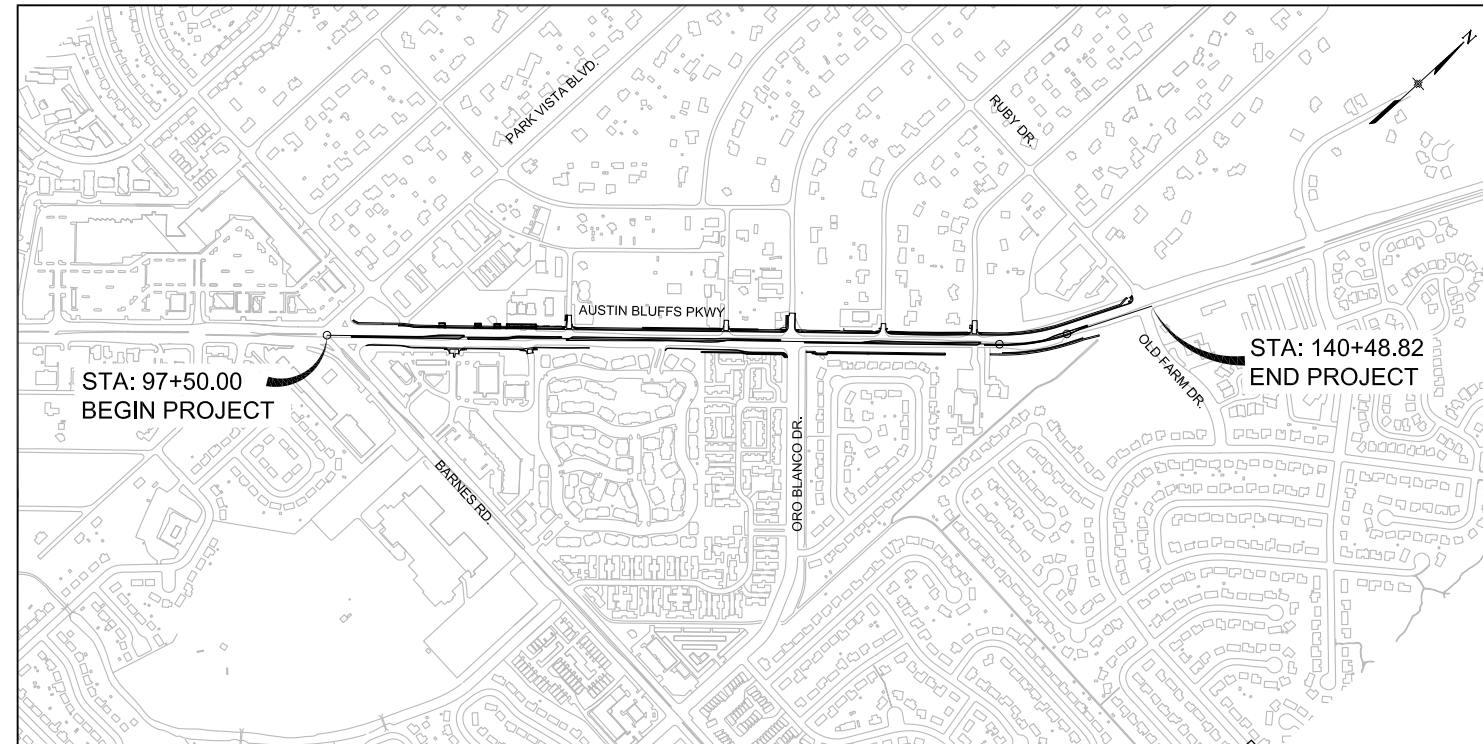


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### LENGTH & DESIGN DATA

DESIGN DATA	SEGMENT 3
MINIMUM RADIUS OF CURVE	660 Ft.
MAXIMUM GRADE	8%
MINIMUM S.S.D. HORIZONTAL	350 Ft.
MINIMUM S.S.D. VERTICAL	350 Ft.
SUPER ELEVATION E MAXIMUM	6%
2011 DESIGN TRAFFIC (ADT)	25,770
2035 DESIGN TRAFFIC (ADT)	31,900



**LOCATION MAP**  
NTS

STATION	LINEAR FT OF ROADWAY
SEGMENT 3	4,199
NET LENGTH	4,199
TOTAL	4,199

### AS CONSTRUCTED INFORMATION

CONTRACTOR: \_\_\_\_\_

PROJECT ENGINEER: \_\_\_\_\_

PROJECT STARTED: \_\_\_\_\_

PROJECT COMPLETED: \_\_\_\_\_

AS CONSTRUCTED PLANS: \_\_\_\_\_

APPROVED: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

PREPARED UNDER MY DIRECT SUPERVISION, FOR AND ON BEHALF OF WILSON & COMPANY

TROY D. SLOCUM, PE  
COLORADO P.E. NO. 35270

DATE

ACCEPTANCE BY THE CITY OF COLORADO SPRINGS OF DESIGN WORK BY DESIGN PROFESSIONALS CONSTITUTES BELIEF THAT THE WORK HAS BEEN DONE IN ACCORDANCE WITH THE CITY STANDARDS AND ORDINANCES. WORK PRODUCTS ARE THE RESPONSIBILITY OF THE DESIGN PROFESSIONAL AND CITY ACCEPTANCE DOES NOT RELIEVE THE PROFESSIONAL OF SAID RESPONSIBILITY.



PLOT DATE: 1/17/2013

COMPUTER FILE INFORMATION			REVISIONS			STATEMENT:		AUSTIN BLUFFS PARKWAY		
Creation Date:	02/18/11	Initials: CMC	No.	Description	Date	THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.	2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100	Segment 3 - Barnes Rd. to Old Farm Dr.		
Last Modification Date:	1/16/13	Initials: MAK						TITLE SHEET		
Full Path:	S:\12.069.024 Austin Bluffs Final\Dwg\Final\Segment 3\Seg 3 Title							CITY OF COLORADO SPRINGS PROJECTS		
Drawing File Name:	TS01.dwg							<div style="border: 1px solid black; padding: 2px; display: inline-block;">RFP Set</div>		
Acad Ver.	2011	Scale: AS SHOWN						Subset: TS	Subset Sheets: TS01 of TS01	Sheet No: 655



Know what's below.  
Call before you dig.

REMOVAL OF PAVEMENT								
ROADWAY	STATION TO STATION		SIDE	REMOVAL OF ASPHALT MAT		REMOVAL OF ASPHALT MAT (PLANING)		REMARKS
				SY		SY		
				PLAN	FINAL	PLAN	FINAL	
AUSTIN BLUFFS PARKWAY	99+66.79	101+66.46	L	561				
	100+00.00	111+08.15	R	392				
	101+20.00	139+73.20	L & R	13,345				
	103+86.60	104+45.39	R	128				
	107+86.67	108+15.74	R	74				
	115+95.97	121+41.34	R	233				
	122+32.00	123+80.81	R	428				
	132+48.09	136+58.10	R	647				
	100+00.00	101+20.00	L			721		
	100+40.00	108+25.00	R			3,437		
108+25.00	139+74.25	R			14,867			
<b>SEGMENT 3 TOTALS</b>				<b>15,808</b>		<b>19,025</b>		

REMOVAL OF SIDEWALK						
ROADWAY	STATION TO STATION		SIDE	REMOVAL OF SIDEWALK		REMARKS
				SY		
				PLAN	FINAL	
AUSTIN BLUFFS PARKWAY	103+46.76	103+65.00	R	8		
	104+62.40	104+72.00	R	4		
	107+50.55	107+62.27	R	5		
	108+27.04	108+39.35	R	5		
	118+94.88	121+04.33	R	97		
	121+23.68	121+23.56	R	4		
	122+32.00	129+52.76	R	383		
<b>SEGMENT 3 TOTALS</b>				<b>507</b>		

REMOVAL OF TREES						
ROADWAY	STATION TO STATION		SIDE	REMOVAL OF TREE		REMARKS
				EA		
				PLAN	FINAL	
AUSTIN BLUFFS PARKWAY	100+54	100+87	R	2		
	108+90		R	1		
	119+83		R	1		
	121+86		L	1		
	124+14	124+45	L	3		
	124+64	125+80	L	6		
	127+10	128+40	L	8		
	134+11	136+04	L	17		
	136+77	138+48	L	10		
	<b>SEGMENT 3 TOTALS</b>				<b>49</b>	

REMOVAL OF CURB & GUTTER						
ROADWAY	STATION TO STATION		SIDE	REMOVAL OF CURB & GUTTER		REMARKS
				LF		
				PLAN	FINAL	
AUSTIN BLUFFS PARKWAY	98+75.36	104+60.75	C	1176		MEDIAN
	99+53.29	103+85.15	R	449		
	104+09.22	104+18.98	R	89		ISLAND
	101+20.11	102+86.84	L	167		
	104+31.93	107+89.11	R	379		
	104+77.84	109+16.12	C	883		MEDIAN
	108+15.74	111+07.71	R	316		
	115+02.76	121+35.34	R	653		
	132+48.00	135+15.45	R	284		
	135+44.84	136+58.02	R	124		
136+47.43	137+00.04	C	108		MEDIAN	
136+58.88	139+61.69	L	335			
<b>SEGMENT 3 TOTALS</b>				<b>4963</b>		

REMOVAL OF STORM PIPE						
ROADWAY	STATION TO STATION		SIDE	REMOVAL OF STORM PIPE		REMARKS
				LF		
				PLAN	FINAL	
AUSTIN BLUFFS PARKWAY	101+69.53	103+24.30	L	155		
	103+78.84	104+08.34	L	30		
	105+05.18	105+51.12	L	47		
	106+48.00	109+45.23	L	298		
	109+69.52	110+37.64	L	68		
	117+86.07	118+45.61	L	59		
	122+07.92	122+67.82	L	75		
	126+07.00	126+51.77	L	45		
	130+48.19	131+26.41	L	79		
	<b>SEGMENT 3 TOTALS</b>				<b>856</b>	

Note: Removal of storm drain manholes and riprap shall not be measured and paid for separately but shall be included in removal of pipe.



COMPUTER FILE INFORMATION		REVISIONS		STATEMENT:		AUSTIN BLUFFS PARKWAY	
Creation Date: 10/12/10	Initials: SPW	No.	Description	Date		Segment 3 - Barnes Rd. to Old Farm Dr.	
Last Modification Date: 10/12/10	Initials: SPW					TABULATION OF REMOVALS	
Full Path: M:\TRN\09-100-305-00\CADD\SHEETS\						Subst: TAB	
Drawing File Name: TAB01-TAB14.DWG						Subst Sheets: TAB01 of TAB14	
Acad Ver. 2011 Scale: AS SHOWN						Sheet No: 656	

PLOT DATE: 1/16/2013

THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.



2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: SPW  
CHECKED BY: TDS





**TABULATION OF MISCELLANEOUS REMOVAL ITEMS**

ROADWAY	STATION TO STATION		SIDE	REMOVAL OF CONCRETE MEDIAN PAVEMENT		REMOVAL OF CONCRETE DRIVEWAY		REMOVAL OF CONCRETE PAVEMENT		REMOVAL OF CONCRETE PEDESTRIAN RAMP		REMOVAL OF RETAINING WALL		REMOVAL OF GUARDRAIL		REMOVAL OF BARRIER		REMOVAL OF FENCE		RESET ROCK MULCH		RESET MAILBOX		RELOCATE TRAFFIC DETECTOR		REMARKS		
				SY		SY		SY		EA		LF		LF		LF		LF		SY		SY		SY				
				PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		PLAN	FINAL
AUSTIN BLUFFS PARKWAY	98+75.36	104+59.20	M	478																								
	98+33.63	100+00.00	C					455																				
	99+52.96	100+00.00	R					15																				
	101+09.57	102+39.52	L														130											
	103+56.70	104+77.11	R					105																				
	103+71.11		R								1																	
	104+56.94		R								1																	
	104+79.15	109+16.12	M	443																								
	107+31.78	107+66.94	L			63																	3					
	107+81.18	108+31.00	L			107																						
	107+44.13	108+37.65	R					107															1					
	107+68.06		R								1																	
	108+22.13		R								1																	
	109+09.13	109+85.26	L												145													
	113+83.72	117+87.89	L																	425								CHAINLINK W/ BARB WRE TOP
	116+26.00		L																						1			SOLAR POWERED
	116+95.71	121+03.61	R																	408								PLASTIC / BRICK
	118+45.94	119+79.35	L																	156				1				CHAINLINK W/ BARB WRE TOP
	121+11.00		I																				1					
	121+03.61	121+22.33	R																	23								BRICK WITH LIGHTING
	121+14.00		R								1																	
	122+10.35		R								1																	
	122+50.13	124+01.89	L												152													
	122+73.93	123+46.20	R											79														
	122+25.96	128+53.03	R																									
	122+26.04	122+71.45	R																				20					
	122+35.73	129+50.53	R																	720								WOODEN
	122+48.24	122+56.60	R																	74								WOODEN
	123+48.61	128+53.03	R																			224						
	126+64.40	128+55.70	L																	210								STUCCO
130+77.52	130+89.00	L						7															1					
136+47.43	138+47.00	M	98																									
139+46.14		L																										
139+61.69		L																										
<b>SEGMENT 3 TOTALS</b>				<b>1019</b>		<b>170</b>		<b>689</b>		<b>8</b>		<b>79</b>		<b>297</b>		<b>130</b>		<b>2016</b>		<b>244</b>		<b>7</b>		<b>1</b>				

- Notes: 1. Removal of concrete crosspans shall be paid for as Removal of Concrete Pavement  
 2. Removal of hand rail shall not be measured and paid for separately but shall be included in Removal of Sidewalk  
 3. Timber retaining wall removal shall not be measured and paid for separately but shall be included in Removal of Fence



PLOT DATE: 4/11/2013

COMPUTER FILE INFORMATION		REVISIONS		STATEMENT:		AUSTIN BLUFFS PARKWAY		
Creation Date:	10/12/10	Initials:	SPW	No.	5	THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.	Segment 3 - Barnes Rd. to Old Farm Dr.	
Last Modification Date:	10/12/10	Initials:	SPW	Description	REVISION NO. 1		Date	04-08-13
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\							
Drawing File Name:	TAB01-TAB14.DWG							
Acad Ver.	2011	Scale:	AS SHOWN	2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100 DESIGNED BY: NAB DRAWN BY: SPW CHECKED BY: TDS		CITY OF COLORADO SPRINGS PROJECTS	<b>TABULATION OF REMOVALS &amp; RESETS</b> Subset: TAB    Subset Sheets: TAB02 of TAB14    Sheet No: 657	





Know what's below.  
Call before you dig.

### TABULATION OF SURFACING

STATION			DESCRIPTION	CONCRETE SIDEWALK (4 INCH)	CONCRETE DRIVEWAY APPROACH	CONCRETE PEDESTRIAN RAMP	CONCRETE CROSSSPAN	CURB & GUTTER TYPE 1 (8 INCH CURB HEAD)	CURB & GUTTER TYPE 3 MODIFIED	CURB & GUTTER TYPE 3	6" CONCRETE CURB HEAD	PARKING BUMPER	CONCRETE COVER MATERIAL	CONCRETE SIDEWALK (COLORED)
BEGIN	END	SIDE		SF	SF	SF	SF	LF	LF	LF	LF	EA	SY	SF
98+75	104+59	MED	CURB & GUTTER							1172			464	
98+82	103+30	LT	SIDEWALK	2572										
99+54	103+85	RT	CURB & GUTTER					446						
101+20	102+10	LT	COLORED CONCRETE											335
101+20	109+81	LT	CURB & GUTTER					910						
102+02	103+67	RT	COLORED CONCRETE											375
103+30	103+60	LT	CONC DRIVEWAY		657									
103+59	103+65	RT	SIDEWALK	24										
103+57	103+77	RT	PED RAMP			50								
103+60	105+16	LT	SIDEWALK, COLORED	777										753
103+60	104+59	RT	CROSS PAN				579							
101+75	103+30	LT	COLORED CONCRETE											662
104+34	107+87	RT	CURB & GUTTER					383						
104+41	104+62	RT	PED RAMP			114								
104+62	104+72	RT	SIDEWALK	58										
104+67	107+56	RT	COLORED CONCRETE											689
104+78	109+65	MED	CURB & GUTTER							976			293	
105+16	105+46	LT	CONC DRIVEWAY		657									
105+46	106+16	LT	SIDEWALK, COLORED	345										322
106+16	106+46	LT	CONC DRIVEWAY		657									
106+46	106+96	LT	SIDEWALK	199										
106+46	106+81	LT	COLORED CONCRETE											161
106+94	107+18	LT	CONC DRIVEWAY		531									
107+29	107+33	LT	CURB & GUTTER							18				
107+34	107+58	LT	CONC DRIVEWAY		531									
107+51	107+61	RT	SIDEWALK	57										
107+61	107+81	RT	PED RAMP			109								
107+63	108+31	RT	CROSS PAN				392							
107+71	107+96	LT	SIDEWALK	125										
108+04	108+28	LT	CONC DRIVEWAY		531									
108+16	108+34	RT	PED RAMP			108								
108+34	108+39	RT	SIDEWALK	22										
108+18	111+08	RT	CURB & GUTTER					313						
108+41	109+67	LT	SIDEWALK	679										
108+33	109+83	LT	PARKING BUMPERS								19			
109+21	109+74	LT	COLORED CONCRETE											159
109+63	110+43	LT	CROSS PAN				466							
109+67	109+85	LT	PED RAMP			108								
109+81	109+93	LT	CONC DRIVEWAY (VANADIUM)		243									
109+88	121+00	MED	CURB & GUTTER							2234			1281	
110+18	118+02	LT	CURB & GUTTER					813						
110+22	110+40	LT	PED RAMP			108								
110+32	117+89	LT	COLORED CONCRETE											2951
110+40	117+86	LT	SIDEWALK	4477										
115+04	121+33	RT	CURB & GUTTER					647						

5



PLOT DATE: 4/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	10/12/10 Initials: SPW
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Acad Ver:	2011 Scale: AS SHOWN

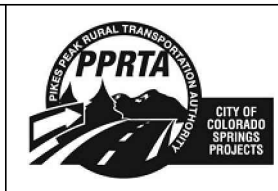
REVISIONS		
No.	Description	Date
5	REVISION NO. 1	04-08-13

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: SPW  
 CHECKED BY: TDS

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
TABULATION OF CONCRETE ITEMS		
Subset:	TAB	Subset Sheets: TAB03 of TAB14 Sheet No: 658



Know what's below.  
Call before you dig.

### TABULATION OF SURFACING

STATION			DESCRIPTION	CONCRETE SIDEWALK (4 INCH)	CONCRETE DRIVEWAY APPROACH	CONCRETE PEDESTRIAN RAMP	CONCRETE CROSSPAN	CURB & GUTTER TYPE 1 (8 INCH CURB HEAD)	CURB & GUTTER TYPE 3 MODIFIED	CURB & GUTTER TYPE 3	6" CONCRETE CURB HEAD	PARKING BUMPER	CONCRETE COVER MATERIAL	CONCRETE SIDEWALK (COLORED)
BEGIN	END	SIDE		SF	SF	SF	SF	LF	LF	LF	LF	EA	SY	SF
116+90	118+95	RT	COLORED CONCRETE											1472
117+78	118+55	LT	CROSS PAN				454							
117+86	118+02	LT	PED RAMP			71								
118+30	121+29	LT	CURB & GUTTER					657						
118+33	118+51	LT	PED RAMP			108								
118+43	121+04	LT	COLORED CONCRETE											1186
118+95	121+04	RT	SIDEWALK	1256										
118+51	121+04	LT	SIDEWALK	4455										
120+79	121+22	LT	PARKING BUMPERS								4			
121+04	121+30	LT	PED RAMP			191								
121+04	121+31	RT	PED RAMP			231								
121+30	121+36	LT	CROSS PAN (PLATINUM)				387							
121+72	126+08	LT	CURB & GUTTER					477						
121+75	121+92	LT	PED RAMP			106								
121+83	122+06	LT	COLORED CONCRETE											101
121+92	125+94	LT	SIDEWALK	2420										
121+95	122+18	RT	PED RAMP (TRUN. DOMES)			54								
122+06	122+13	LT	PED RAMP			42								
122+13	126+01	LT	COLORED CONCRETE											1191
122+17	130+57	RT	COLORED CONCRETE											3777
122+19	131+36	MED	CURB & GUTTER							1831			772	
122+32	129+53	RT	SIDEWALK	4358										
124+26	125+72	LT	6" CURB HEAD								158			
125+94	126+12	LT	PED RAMP			108								
126+48	126+85	LT	PED RAMP			232								
126+52	130+76	LT	CURB & GUTTER					494						
126+57	130+73	LT	COLORED CONCRETE											1215
126+85	130+71	LT	SIDEWALK	2291										
130+63	131+40	LT	CROSS PAN				469							
130+68	130+82	LT	PED RAMP			56								
130+76	130+85	LT	CONC DRIVEWAY (SILVER)		189									
131+15	139+68	LT	CURB & GUTTER					872						
131+19	131+37	LT	PED RAMP			108								
131+26	131+54	RT	COLORED CONCRETE											152
131+29	138+97	LT	COLORED CONCRETE											2989
131+37	139+40	LT	SIDEWALK	4747										
131+53	137+00	MED	CURB & GUTTER						135	1095			406	
131+85	137+43	RT	SIDEWALK	3456										
131+87	137+43	RT	COLORED CONCRETE											2273
132+48	136+58	RT	CURB & GUTTER					424						
139+42	139+52	LT	PED RAMP			84								
139+56	139+67	LT	PED RAMP			131								
<b>SEGMENT 3 TOTALS</b>				<b>32,318</b>	<b>3,996</b>	<b>2,119</b>	<b>2,747</b>	<b>6,436</b>	<b>135</b>	<b>7,326</b>	<b>158</b>	<b>23</b>	<b>3,216</b>	<b>20,763</b>

5



PLOT DATE: 4/11/2013

COMPUTER FILE INFORMATION	
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Last Modification Date:	10/12/10 Initials: SPW
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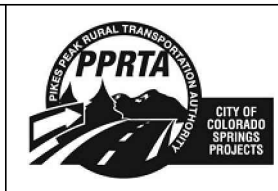
REVISIONS		
No.	Description	Date
5	REVISION NO. 1	04-08-13

STATEMENT:  
 THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: SPW  
 CHECKED BY: TDS

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
TABULATION OF CONCRETE ITEMS		
Subset:	TAB	Subset Sheets: TAB04 of TAB14 Sheet No: 659











**TABULATION OF HOT MIX ASPHALT PAVEMENT**

ROADWAY	STATION			HOT MIX ASPHALT PAVEMENT (GRADING S)(12 INCH)		HOT MIX ASPHALT PAVEMENT (GRADING SX)(2 INCH)	
	BEGIN	END	SIDE	SY		SY	
				PLAN	FINAL	PLAN	FINAL
AUSTIN BLUFFS PARKWAY	98+34	111+08	R	1,163		1,163	
	98+78	101+20	L	60		60	3
	99+67	101+66	L	561		561	
	100+00	101+20	L			721	
	100+40	104+61	R	70		70	
	100+40	108+25	R			3,437	
	101+20	135+05	L & R	16,828		16,828	
	103+87	104+32	R	131		131	
	104+88	107+12	R	62		62	
	107+89	108+13	R	58		58	
	108+25	139+74	R			14,867	
	109+88	121+00	L & R	185		185	
	109+91	110+16	L	183		183	
	118+02	118+29	L	138		138	
	122+21	131+36	R	150		150	
	122+32	123+58	R	428		428	
	130+89	131+15	L	185		185	
	131+53	137+00	R	91		91	
	135+05	137+00	L	33		33	
	135+05	139+73	L	206		206	
<b>SEGMENT 3 TOTALS</b>				<b>20,532</b>	<b>0</b>	<b>39,557</b>	<b>0</b>

NOTE (FOR INFORMATION ONLY): SEGMENT 3 INCLUDES 857 SY OF HOT MIX ASPHALT PAVEMENT PATCHING WHICH IS INCLUDED IN THE QUANTITY OF AND TO BE PAID FOR UNDER ITEMS HOT MIX ASPHALT PAVEMENT (GRADING S)(12 INCH) AND HOT MIX ASPHALT PAVEMENT (GRADING SX)(2 INCH)

3

TABULATION OF EARTHWORK		
ITEM	CUBIC YARDS	
	PLAN	FINAL
UNCLASSIFIED EXCAVATION (CIP) Segment 3	6,270	
<b>TOTAL FOR PAY QUANTITY</b>		
-- FOR INFORMATION ONLY --		
EMBANKMENT MATERIAL (CIP) Segment 3	3,415	
<b>TOTAL</b>		
12" MOISTURE TREATMENT AND COMPACTION Segment 3 Roadway Embankment Segment 3 Bases of Cuts and Fills	3,415	40,555
<b>TOTAL</b>		
WETTING (M GAL) Compaction (0.04 M Gal/CY)	1,759	
<b>TOTAL</b>		
<b>EARTHWORK BALANCE</b>		
Total Unclassified Excavation (CIP)	6,270	
Total Embankment Material (CIP)	3,415	
<b>EMBANKMENT X FACTOR</b>		
Embankment Material (Net) (X 1.0)	3,415	
Excavation Overage	2,855	



COMPUTER FILE INFORMATION		REVISIONS		STATEMENT:		AUSTIN BLUFFS PARKWAY	
Creation Date: 10/12/10	Initials: SPW	No.	Description	Date	THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.	Segment 3 - Barnes Rd. to Old Farm Dr.	
Last Modification Date: 10/12/10	Initials: SPW	1	Addendum 3	02-21-13		TABULATION OF HMA AND EARTHWORK	
Full Path: M:\TRN\09-100-305-00\CADD\SHEETS\						Subst: TAB	
Drawing File Name: TAB01-TAB14.DWG						Subst Sheets: TAB08 of TAB14	
Acad Ver. 2011	Scale: AS SHOWN					Sheet No: 663	

PLOT DATE: 2/22/2013

**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: SPW  
 CHECKED BY: TDS

**RFP Set**



**CITY OF COLORADO SPRINGS PROJECTS**



**TABULATION OF PAVEMENT MARKING**

ROADWAY	STATION			DESCRIPTION	LANE LINE DASHED WHITE 4 INCH	CHANNELIZING LINE WHITE SOLID 8 INCH	LANE DROP LINE DASHED WHITE 8 INCH	STOP BAR SOLID WHITE 24 INCH	CROSS WALK SOLID WHITE 24 INCH	TURN ARROW WHITE	CENTER LINE SOLID DOUBLE YELLOW 4 INCH
	BEGIN	END	SIDE		LF	LF	LF	LF	LF	SF	LF
ABP - EB	98+79	121+01	RT	4" LANE LINE-BROKEN	2222						
	100+00	121+01	RT	4" LANE LINE-BROKEN	2101						
	102+02	103+68	RT	8" CHANNELIZING LINE		166					
	102+16		RT	TURN ARROW (RT)						15.5	
	103+54		RT	TURN ARROW (RT)						15.5	
	104+60	106+63	RT	8" LANE DROP LINE			203				
	106+63	107+63	RT	8" CHANNELIZING LINE		100					
	106+77		RT	TURN ARROW (RT)						15.5	
	107+45	109+91	RT	8" CHANNELIZING LINE		246					
	107+59		RT	TURN ARROW (LT)						15.5	
	109+44		RT	TURN ARROW (LT)						15.5	
	109+62	109+89	RT	8" CHANNELIZING LINE		27					
	112+36	114+29	RT	8" CHANNELIZING LINE		193					
	112+50		RT	TURN ARROW (RT)						15.5	
	114+15		RT	TURN ARROW (RT)						15.5	
	118+40	121+01	RT	8" CHANNELIZING LINE		261					
	118+52		RT	TURN ARROW (LT)						15.5	
	119+41	121+01	RT	8" CHANNELIZING LINE		160					
	120+83		RT	TURN ARROW (LT)						15.5	
120+85		RT	TURN ARROW (RT)						15.5		
ABP - WB	99+03		LT	TURN ARROW (RT)						15.5	
	99+05		LT	TURN ARROW (LT)						15.5	
	101+30		LT	TURN ARROW (RT)						15.5	
	100+00	102+22	LT	8" CHANNELIZING LINE		222					
	102+10		LT	TURN ARROW (LT)						15.5	
	100+00	101+45	LT	8" CHANNELIZING LINE		145					
	104+57	106+24	LT	8" CHANNELIZING LINE		167					
	104+58	104+81	LT	8" CHANNELIZING LINE		23					
	104+98		LT	TURN ARROW (LT)						15.5	
	106+11		LT	TURN ARROW (LT)						15.5	
	100+00	121+01	LT	4" LANE LINE-BROKEN	2101						
100+00	121+01	LT	4" LANE LINE-BROKEN	2101							
100+00	101+45	LT	8" CHANNELIZING LINE		145						
VANADIUM DR	109+90	110+03	LT	12" STOP BAR				13			
SAPPHIRE DR	118+04	118+16	LT	12" STOP BAR				12			
AB-EB	121+01		LT	24" STOP BAR				60			
PLATINUM DR	121+36	121+58	LT	24" STOP BAR				22			
	121+47		LT	8" CHANNELIZING LINE		35					
	121+58		LT	2-SOLID YELLOW						35	
ABP-EB	122+05	122+15	RT	24" CROSSWALK (8)					80		
ABP-WB	122+05	122+15	LT	24" CROSSWALK (8)					80		
	122+19		LT	24" STOP BAR				48			



COMPUTER FILE INFORMATION		
Creation Date:	10/12/10	Initials: SPW
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Drawing File Name:	TAB01-TAB14.DWG	
Acad Ver.	2011	Scale: AS SHOWN

REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: SPW  
 CHECKED BY: TDS

**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
TABULATION OF PAVEMENT MARKING			
Subset:	TAB	Subset Sheets:	TAB09 of TAB14 Sheet No: 664

PLOT DATE: 1/16/2013



TABULATION OF PAVEMENT MARKING											
ROADWAY	STATION			DESCRIPTION	LANE LINE DASHED WHITE 4 INCH	CHANNELIZING LINE WHITE SOLID 8 INCH	LANE DROP LINE DASHED WHITE 8 INCH	STOP BAR SOLID WHITE 24 INCH	CROSS WALK SOLID WHITE 24 INCH	TURN ARROW WHITE	CENTER LINE SOLID DOUBLE YELLOW 4 INCH
	BEGIN	END	SIDE		LF	LF	LF	LF	LF	SF	LF
ABP-EB	122+20	139+35	RT	4" LANE LINE-BROKEN	1715						
	122+20	139+35	RT	4" LANE LINE-BROKEN	1715						
	136+75	139+35	RT	8" CHANNELIZING LINE		260					
	136+90		RT	TURN ARROW (LT)						15.5	
	137+56	139+35	RT	8" CHANNELIZING LINE		179					
	137+72		RT	TURN ARROW (RT)						15.5	
	139+20		RT	TURN ARROW (LT)						15.5	
	139+20		RT	TURN ARROW (RT)						15.5	
	139+35		RT	24" STOP BAR				58			
ABP-WB	122+20	125+00	LT	8" CHANNELIZING LINE		280					
	131+32	134+50	LT	8" CHANNELIZING LINE		318					
	131+34	131+50	LT	8" CHANNELIZING LINE		16					
	122+20	139+35	LT	4" LANE LINE-BROKEN	1715						
	122+20	139+35	LT	4" LANE LINE-BROKEN	1715						
TURQUOISE DR	126+16	126+30	LT	12" STOP BAR				14			
SILVER DR	130+89	131+01	LT	12" STOP BAR				12			
	131+65		LT	TURN ARROW (LT)						15.5	
	134+35		LT	TURN ARROW (LT)						15.5	
<b>SEGMENT 3 TOTALS (LINEAL FEET)</b>					<b>15385</b>	<b>2943</b>	<b>203</b>	<b>239</b>	<b>160</b>		<b>35</b>
<b>SEGMENT 3 TOTALS (SQUARE FEET)</b>					<b>1282</b>	<b>1962</b>	<b>27</b>	<b>478</b>	<b>320</b>	<b>357</b>	<b>12</b>

SUMMARY OF PAVEMENT MARKING QUANTITIES						
COLOR	EPOXY PAVEMENT MARKING		PERFORMED THERMOPLASTIC PAVEMENT MARKING (WORD/SYMBOL)		PERFORMED THERMOPLASTIC PAVEMENT MARKING (BAR/WALK)	
	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
YELLOW	12					
WHITE	3271		357		798	
<b>SEGMENT 3 TOTALS</b>	<b>3283</b>		<b>357</b>		<b>798</b>	



COMPUTER FILE INFORMATION		
Creation Date:	10/12/10	Initials: SPW
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Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\	
Drawing File Name:	TAB01-TAB14.DWG	
Acad Ver.	2011	Scale: AS SHOWN

REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.



2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: SPW  
CHECKED BY: TDS



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
TABULATION OF PAVEMENT MARKING			
Subset:	TAB	Subset Sheets:	TAB10 of TAB14 Sheet No: 665

PLOT DATE: 1/16/2013



TABULATION OF EROSION CONTROL MEASURES																	
STATION TO STATION OR CENTER OF ITEM			SIDE	SILT FENCE		STORM DRAIN INLET PROTECTION		EROSION CONTROL BLANKET		SEEDING & MULCHING		TOP SOIL		VEHICLE TRACKING CONTROL*		CONCRETE WASHOUT STRUCTURE*	
				LF		EA		SY		SY		SY		EA		EA	
				PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
98-70			LT			1											
99+00			LT											1			
99+26			RT			1											
100+30			RT			1											
100+70			RT			1											
101+00			LT													1	
101+80			LT			1											
101+95	TO	103+35	LT	140		2											
103+60	TO	105+15	LT	155													
105+45	TO	106+15	LT	70													
106+50	TO	107+00	LT	50													
108+35	TO	109+80	LT	145													
110+25			LT			1											
111+30	TO	117+35	LT	605													
118+00			LT			1											
118+40			LT			1											
118+50	TO	120+95	LT	245													
121+50			RT											1		1	
122+30			LT			1											
122+60			RT			1											
122+50	TO	124+10	LT	160		2											
122+85			RT			1											
123+40			RT			1											
123+70			RT			1											
124+25			LT			1											
126+05			LT			1											
126+50			LT			1											
127+00			LT			1											
128+50			LT			1											
128+60	TO	129+10	LT					105		105		105					
130+80			LT			1											
131+15	TO	137+60	LT			1		1610		1610		1610				1	
131+35			LT			1											
133+40			RT			1								1			
139+60			LT			1											
140+20			LT			1											
<b>SEGMENT 3 TOTALS</b>				<b>1570</b>		<b>28</b>		<b>1715</b>		<b>1715</b>		<b>1715</b>		<b>3</b>		<b>3</b>	

\* NOTE: CONTRACTOR SHALL DETERMINE FINAL LOCATION OF VEHICLE TRACKING CONTROL AND CONCRETE WASHOUT STRUCTURES.



COMPUTER FILE INFORMATION			REVISIONS			STATEMENT:			<p>2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100</p> <p>DESIGNED BY: TDS DRAWN BY: TDS CHECKED BY: MAK</p> <p><b>RFP Set</b></p> <p>CITY OF COLORADO SPRINGS PROJECTS</p>			AUSTIN BLUFFS PARKWAY		
Creation Date: 10/12/10	Initials: TDS	No.	Description	Date	THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.			Segment 3 - Barnes Rd. to Old Farm Dr.						
Last Modification Date: 1/10/13	Initials: SPW							TABULATION OF EROSION CONTROL MEASURES						
Full Path: M:\TRN\09-100-305-00\CADD\SHEETS\								Subset: TAB						
Drawing File Name: TAB01-TAB14.DWG								Subset Sheets: TAB11 of TAB14						
Acad Ver. 2011	Scale: AS SHOWN							Sheet No: 666						

PLOT DATE: 1/16/2013



**TABULATION OF SIGNS**

SIGN NO.	STATION	SIDE	SIGN CODE	DESCRIPTION	SIGN PANEL SIZE	BACK-GROUND COLOR	REMOVAL OF GROUND SIGN		RESET GROUND SIGN		STEEL SIGN POST (2 INCH)		SIGN PANEL CLASS I	
							EA		EA		LF		SF	
							PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
1	98+88	MED	R4-7	MERGE RT (SYMBOL)	24 X 30	WHITE			1		12.5			
			OM2-1V	OBJECT MARKER (YELLOW)	6 X 12	WHITE								
2	101+51	LT	W1-6R	ARROW SYMBOL (RT)	48 X 24	YELLOW			1		12			
3	101+65	LT	W1-6L	ARROW SYMBOL (LT)	48 X 24	YELLOW			1		12			
4	101+66	RT		RIGHT LANE ENDS			1							
				NO PARKING - ANY TIME (ARROW)										
5	101+76	MED		RIGHT LANE ENDS			1							
7	104+07	MED	R3-7R	RIGHT LANE MUST TURN RIGHT	36 X 36	WHITE			1		13			
				ONE WAY (ARROW SYMBOL)			1							
			R6-1R	ONE WAY (ARROW SYMBOL)	54 X 18	BLACK			1		13.5			
8	104+16	RT	R3-2	NO LEFT TURN (SYMBOL)	24 X 24	WHITE								
				KEEP RT (SYMBOL)			1							
9	104+43	RT	R6-1R	ONE WAY (ARROW SYMBOL)	36 X 12	BLACK			1		16		9	
			R1-1	STOP	36 X 36	RED								
			R3-2	NO LEFT TURN (SYMBOL)	24 X 24	WHITE			1					
10	104+48	MED		MERGE RT (SYMBOL)			1							
			W12-1	DOUBLE ARROW (SYMBOL)	36 X 36	YELLOW					13		9	
			OM2-1V	OBJECT MARKER (YELLOW)	6 X 12	WHITE			1					
11	104+68	LT		NO DUMPING ALLOWED			1							
12	104+87	MED	R3-4	NO U-TURN	24 X 24	WHITE					12			
			OM2-1V	OBJECT MARKER (YELLOW)	6 X 12	WHITE			1					
13	105+01	LT	R2-1 (40)	SPEED LIMIT 40	30 X 36	WHITE			1		13			
14	106+19	LT		NO DUMPING ALLOWED			1							
15	106+63	RT	R3-7R	RIGHT LANE MUST TURN RIGHT	36 X 36	WHITE					13		9	
15a	108+10	MED	R6-1R	ONE WAY (ARROW SYMBOL)	36 X 12	BLACK					11		6.75	
16	108+19	RT	R1-1	STOP	36 X 36	RED					15		9	
			R3-2	NO LEFT TURN (SYMBOL)	24 X 24	WHITE							4	
17	109+52	MED	R4-7	MERGE RT (SYMBOL)	24 X 30	WHITE					12.5			
			OM2-1V	OBJECT MARKER (YELLOW)	6 X 12	WHITE			1					
18	109+54	RT	R2-1 (40)	SPEED LIMIT 40	30 X 36	WHITE			1		13			
19	109+81	LT	R1-1	STOP	36 X 36	RED			1		15		4	
			R3-2	NO LEFT TURN (SYMBOL)	24 X 24	WHITE								
20	109+99	MED	W12-1	DOUBLE ARROW (SYMBOL)	36 X 36	YELLOW					13		9	
			OM2-1V	OBJECT MARKER (YELLOW)	6 X 12	WHITE							1	
21	110+09	MED	R6-1	ONE WAY (ARROW SYMBOL)	36 X 12	BLACK					11		3	
22	110+25	LT	D3-1	Vanadium Dr 4800N	60 X 9	GREEN	1				11.5		3.75	
			D3-1	Austin Bluffs Pkwy 4700E	60 X 9	GREEN							4.5	
23	112+00	RT	R3-7R	RIGHT LANE MUST TURN RIGHT	36 X 36	WHITE					13		9	
24	114+90	MED	R6-1R	ONE WAY (ARROW SYMBOL)	36 X 12	BLACK					11		3	
25	115+05	RT	R1-1	STOP	36 X 36	WHITE								
			R3-2	NO LEFT TURN (SYMBOL)	24 X 24	WHITE							4	
26	117+93	LT	R1-1	STOP	36 X 36	WHITE			1		15		4	
			R3-2	NO LEFT TURN (SYMBOL)	24 X 24	WHITE								
27	118+10	MED	R6-1	ONE WAY (ARROW SYMBOL)	36 X 12	BLACK					11		3	
28	118+38	LT	D3-1	Sapphire Dr 4800n	54 X 9	GREEN	1				11.5		3.375	
			D3-1	Austin Bluffs Pkwy 4790E	72 X 9	GREEN							4.5	
29	119+52	RT	R3-7R	RIGHT LANE MUST TURN RIGHT	36 X 36	WHITE			1		13			

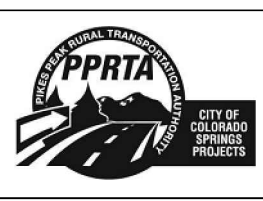


COMPUTER FILE INFORMATION	
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Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100  
 DESIGNED BY: NAB  
 DRAWN BY: SPW  
 CHECKED BY: TDS  
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
TABULATION OF SIGNS			
Subset:	TAB	Subset Sheets:	TAB12 of TAB14 Sheet No: 667

PLOT DATE: 1/16/2013



TABULATION OF SIGNS														
SIGN NO.	STATION	SIDE	SIGN CODE	DESCRIPTION	SIGN PANEL SIZE	BACK-GROUND COLOR	REMOVAL OF GROUND SIGN		RESET GROUND SIGN		STEEL SIGN POST (2 INCH)		SIGN PANEL CLASS I	
							EA		EA		LF		SF	
							PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
30	119+80	LT	R2-1 (40)	SPEED LIMIT 40	30 X 36	WHITE			1		13			
31	120+89	MED	R4-7	MERGE RT (SYMBOL)	24 X 30	WHITE					12.5		5	
			OM2-1V	OBJECT MARKER (YELLOW)	6 X 12	WHITE							0.5	
32	122+31	MED	R4-7	MERGE RT (SYMBOL)	24 X 30	WHITE					12.5		5	
			OM2-1V	OBJECT MARKER (YELLOW)	6 X 12	WHITE							0.5	
33	124+55	RT	R2-1 (45)	SPEED LIMIT 45	30 X 36	WHITE			1		13			
34	126+08	LT	R1-1	STOP	36 X 36	RED			1		15			
			R3-2	NO LEFT TURN (SYMBOL)	24 X 24	WHITE							4	
35	126+23	MED	R6-1R	ONE WAY (ARROW SYMBOL)	36 X 12	BLACK					11		3	
36	126+50	LT	D3-1	Turquoise Dr 4900N	60 X 9	GREEN	1				11.5		3.75	
			D3-1	Austin Bluffs Pkwy 4900E	72 X 9	GREEN							4.5	
37	126+57	LT		OBJECT MARKER (YELLOW)			1							
38	130+53	LT		OBJECT MARKER (YELLOW)			1							
39	130+81	LT	R1-1	STOP	36 X 36	RED			1		15			
			R3-2	NO LEFT TURN (SYMBOL)	24 X 24	WHITE							4	
40	131+02	MED	R6-1R	ONE WAY (ARROW SYMBOL)	36 X 12	BLACK					11		3	
			R6-1R	ONE WAY (ARROW SYMBOL)	36 X 12	BLACK							3	
41	131+21	LT		OBJECT MARKER (YELLOW)			1							
42	131+22	LT		OBJECT MARKER (YELLOW)			1							
43	131+23	LT	R2-1 (25)	SPEED LIMIT 25	24" X 30	WHITE			1		12.5			
44	131+24	MED	W12-1	DOUBLE ARROW (SYMBOL)	36 X 36	YELLOW					13		9	
			OM2-1V	OBJECT MARKER (YELLOW)	6 X 12	WHITE							0.5	
45	131+21	LT	D3-1	Silver Dr 4900N	42 X 9	GREEN	1				11.5		2.625	
			D3-1	Austin Bluffs Pkwy 5000E	72 X 9	GREEN							4.5	
46	131+37	LT		OBJECT MARKER (YELLOW)			1							
47	131+24	RT	R1-1	STOP	36 X 36	RED					15		9	
			R3-2	NO LEFT TURN (SYMBOL)	24 X 24	WHITE							4	
48	131+64	MED	R4-7	MERGE RT (SYMBOL)	24 X 30	WHITE					12.5		5	
			OM2-1V	OBJECT MARKER (YELLOW)	6 X 12	WHITE							0.5	
49	131+73	MED	R6-1R	ONE WAY (ARROW SYMBOL)	36 X 12	BLACK					11		3	
50	131+87	RT	R1-1	STOP	36 X 36	RED					15		9	
			R3-2	NO LEFT TURN (SYMBOL)	24 X 24	WHITE							4	
51	136+52	MED		KEEP RT (SYMBOL)			1							
				OBJECT MARKER (YELLOW)										
52	136+92	LT		LANE ENDS MERGE LEFT (SYMBOL)			1							
53	137+58	RT	R3-7R	RIGHT LANE MUST TURN RIGHT	36 X 36	WHITE			1		13			
54	139+12	LT		RIGHT LANE ENDS			1							
<b>SEGMENT 3 TOTALS</b>							<b>19</b>		<b>21</b>		<b>525</b>		<b>191</b>	



COMPUTER FILE INFORMATION		REVISIONS		STATEMENT:		AUSTIN BLUFFS PARKWAY		
Creation Date:	10/12/10	Initials:	SPW	No.	Description	Date	Segment 3 - Barnes Rd. to Old Farm Dr.	
Last Modification Date:	10/12/10	Initials:	SPW				TABULATION OF SIGNS	
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\							
Drawing File Name:	TAB01-TAB14.DWG							
Acad Ver.	2011	Scale:	AS SHOWN					Subset: TAB
							Subset Sheets: TAB13 of TAB14	
							Sheet No: 668	

PLOT DATE: 1/16/2013

THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: SPW  
 CHECKED BY: TDS

**RFP Set**



CITY OF COLORADO SPRINGS PROJECTS



**TABULATION OF LIGHTING**

STATION TO STATION			- FOR INFORMATION ONLY (BY CSU) -													
			REMOVAL OF LIGHT POLE FOUNDATION		LIGHT STANDARD FOUNDATION (SCREW IN BASE)		PULL BOX (24" X 13" X 18")		2 INCH PVC CONDUIT (LIGHTING)		REMOVAL OF LIGHT STANDARD		LIGHT STANDARD (30') (DOUBLE DAVIT)		LUMINAIRE HIGH PRESSURE SODIUM (250 WATT)	
			EA		EA		EA		LF		EA		EA		EA	
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
99+76	TO	138+40							3867							
99+76			1		1		1				1		1		1	
101+50					1		1						1		1	
101+76			1								1					
103+25					1		1						1		1	
103+77			1								1					
105+00					1		1						1		1	
106+40					1		1						1		1	
106+64			1								1					
107+90					1		1						1		1	
109+40					1		1						1		1	
109+54			1								1					
110+90					1		1						1		1	
112+40					1		1						1		1	
112+41			1								1					
113+90					1		1						1		1	
115+40					1		1						1		1	
116+90					1		1						1		1	
118+26			1								1					
118+40					1		1						1		1	
119+90					1		1						1		1	
123+90					1		1						1		1	
124+59			1								1					
125+40					1		1						1		1	
126+90					1		1						1		1	
127+32			1								1					
128+40					1		1						1		1	
129+90					1		1						1		1	
129+93			1								1					
131+10					1		1						1		1	
132+51			1								1					
132+60					1		1						1		1	
134+12					1		1						1		1	
134+99			1								1					
135+62					1		1						1		1	
136+90					1		1						1		1	
137+60			1								1					
138+40					1		1						1		1	
<b>SEGMENT 3 TOTALS</b>			<b>13</b>		<b>25</b>		<b>25</b>		<b>3867</b>		<b>13</b>		<b>25</b>		<b>25</b>	



COMPUTER FILE INFORMATION	
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Last Modification Date: 10/12/10	Initials: SPW
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Drawing File Name: TAB01-TAB14.DWG	
Acad Ver. 2011	Scale: AS SHOWN

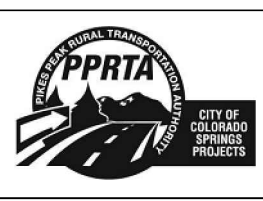
REVISIONS		
No.	Description	Date

STATEMENT:  
 THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: SPW  
 CHECKED BY: TDS

**RFP Set**

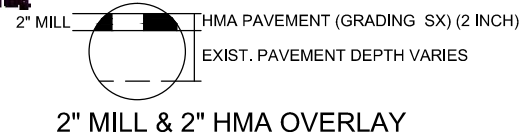


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
TABULATION OF LIGHTING			
Subset: TAB	Subset Sheets: TAB14 of TAB14	Sheet No: 669	

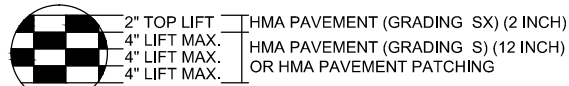
PLOT DATE: 1/16/2013



Know what's below.  
Call before you dig.



2" MILL & 2" HMA OVERLAY



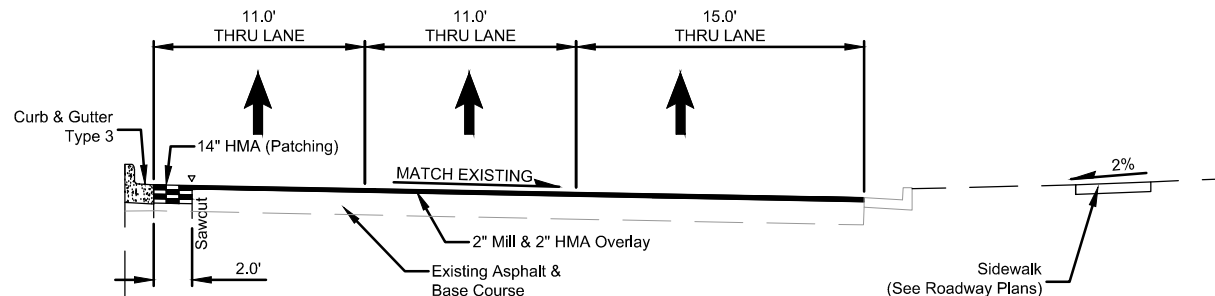
14" HMA & 14" HMA (PATCHING)

PAVEMENT DETAILS

NOT TO SCALE

NOTES:

1. TYPICAL SECTIONS SHALL NOT BE USED FOR ROADWAY STRIPING.
  2. SEE ROADWAY PLAN AND ROADWAY GEOMETRY PLAN FOR ACTUAL DIMENSIONS AND STATIONING.
  3. CONCRETE COVER MATERIAL SHALL BE INSTALLED PER CITY OF COLORADO SPRINGS STANDARD DETAIL D-24: PATTERNED CONCRETE MEDIAN COVER.
  4. CONCRETE COVER MATERIAL AND CONCRETE SIDEWALK (COLORED) SHALL BE FEDERAL COLOR NUMBER 33446.
  5. A TACK COAT SHALL BE PLACED BETWEEN EACH HMA LIFT AND PRIOR TO HMA OVERLAY.
- ▽ VERTICAL SAW CUT 2' (MIN) FROM THE LIP OF PROPOSED TYPE 3 CURB AND GUTTER
  - VERTICAL SAW CUT 1' (MIN) FROM THE LIP OF EXISTING TYPE 1 CURB AND GUTTER

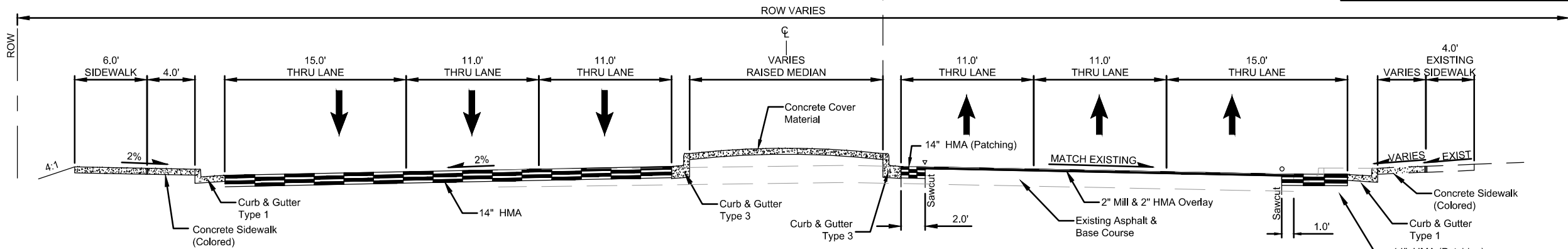


AUSTIN BLUFFS PARKWAY - STA. 111+08 - 114+19

NOT TO SCALE

122+22 - 132+48

136+58 - 139+22



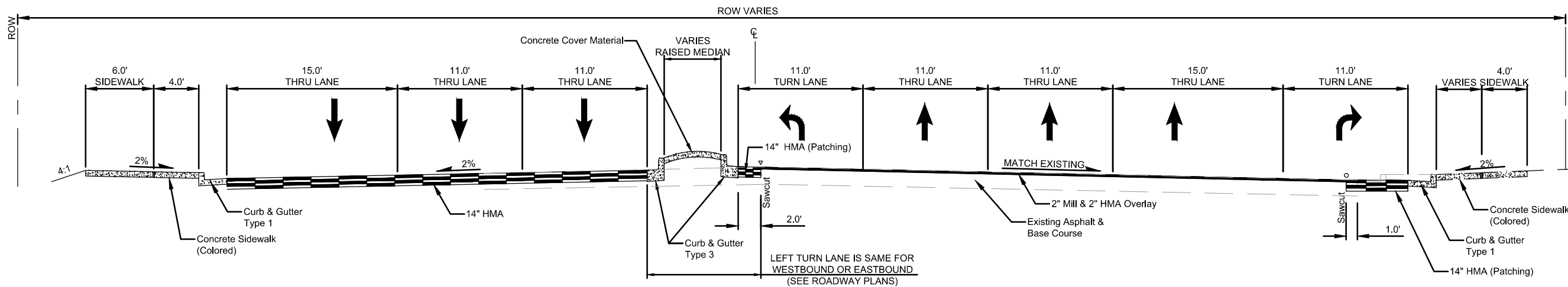
AUSTIN BLUFFS PARKWAY - STA. 102+20 - 111+08

NOT TO SCALE

114+19 - 118+40

121+00 - 122+22

132+48 - 136+58



AUSTIN BLUFFS PARKWAY - STA. 100+00 - 102+20

NOT TO SCALE

118+40 - 121+00



PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	02/18/11
Last Modification Date:	01/10/13
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	TY01.dwg
Acad Ver.	2011
Scale:	AS SHOWN

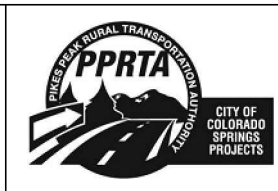
REVISIONS		
No.	Description	Date

STATEMENT:  
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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
DRAWN BY: MAB  
CHECKED BY: MAK

**RFP Set**

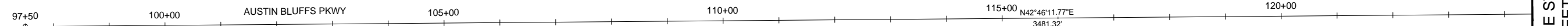


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
TYPICAL SECTIONS		
Subset:	TY	Subset Sheets: TY01 of TY01
Sheet No:	670	



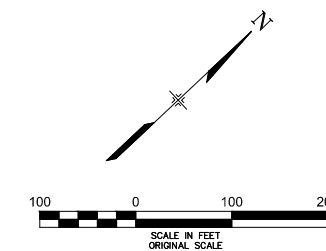


Know what's below.  
Call before you dig.



BEGIN HORIZONTAL ALIGNMENT  
 AUSTIN BLUFFS PARKWAY  
 STA. 97+50.00  
 N - 52,576.43  
 E - 107,452.52

MATCHLINE STA 124+50  
 (SEE SHEET RGP02)



**WILSON**  
 & COMPANY

PLOT DATE: 1/10/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/05/11 Initials: CMC
Last Modification Date:	09/24/12 Initials: NAB
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	RGP01-RGP02.dwg
Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

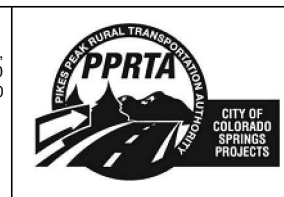
STATEMENT:  
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**Matrix** DESIGN GROUP

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 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: NAB  
 CHECKED BY: MAK

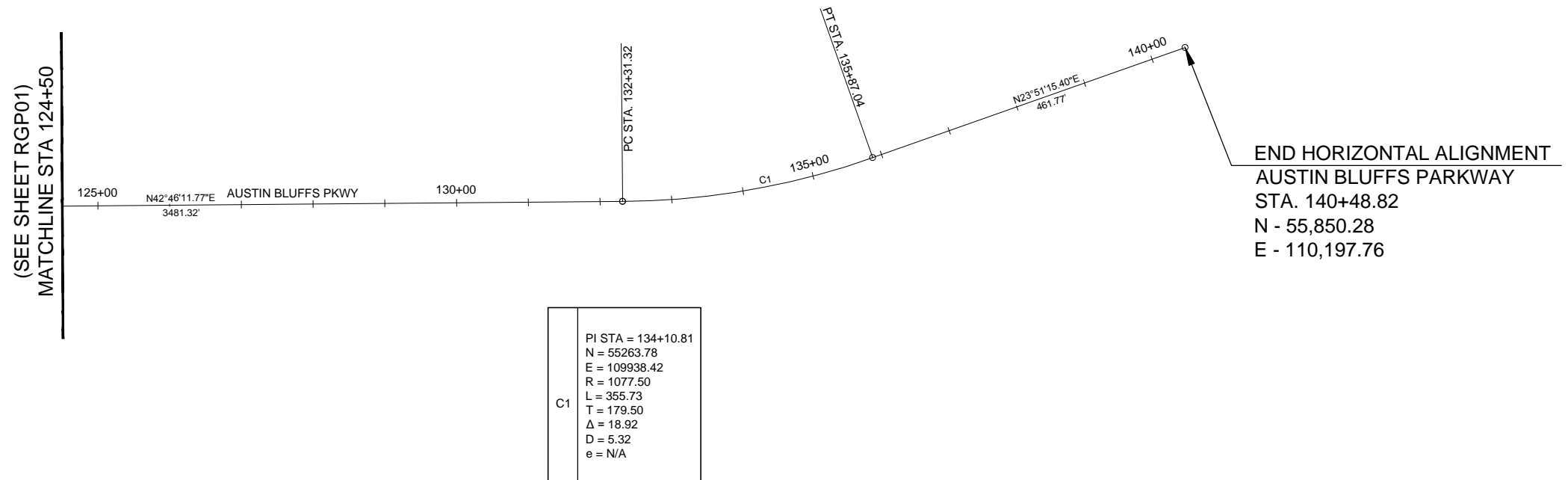
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
GEOMETRY PLAN - CL STA. 97+50 TO STA. 124+50		
Subset:	RGP	Subset Sheets: RGP01 of RGP02 Sheet No: 671

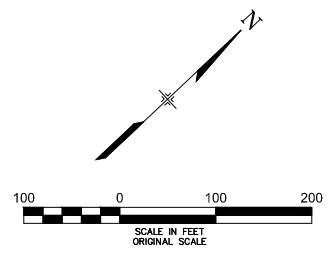


Know what's below.  
Call before you dig.



C1	PI STA = 134+10.81
	N = 55263.78
	E = 109938.42
	R = 1077.50
	L = 355.73
	T = 179.50
	Δ = 18.92
	D = 5.32
e = N/A	

END HORIZONTAL ALIGNMENT  
 AUSTIN BLUFFS PARKWAY  
 STA. 140+48.82  
 N - 55,850.28  
 E - 110,197.76



**WILSON**  
& COMPANY

PLOT DATE: 1/10/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/05/11 Initials: CMC
Last Modification Date:	09/24/12 Initials: NAB
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	RGP01-RGP02.dwg
Acad Ver.	2011 Scale: AS SHOWN

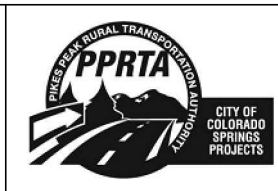
REVISIONS		
No.	Description	Date

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**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: NAB  
 CHECKED BY: MAK

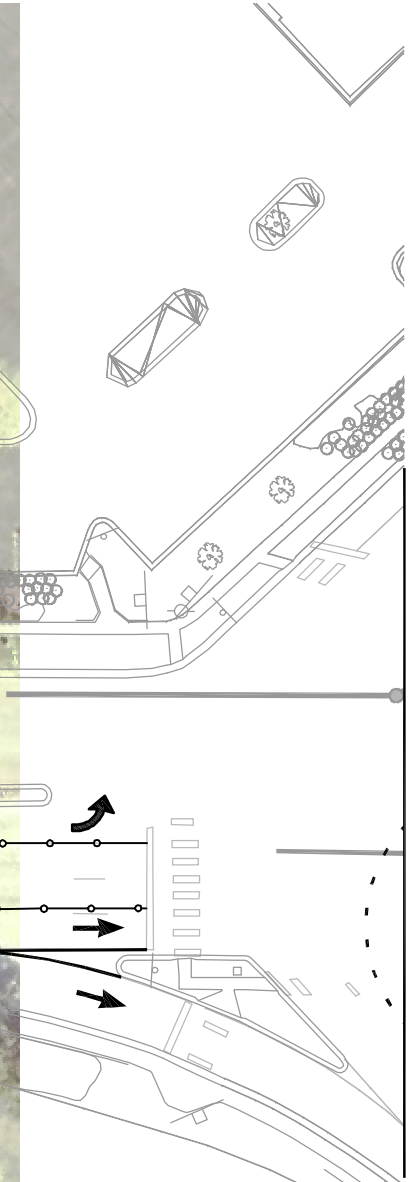
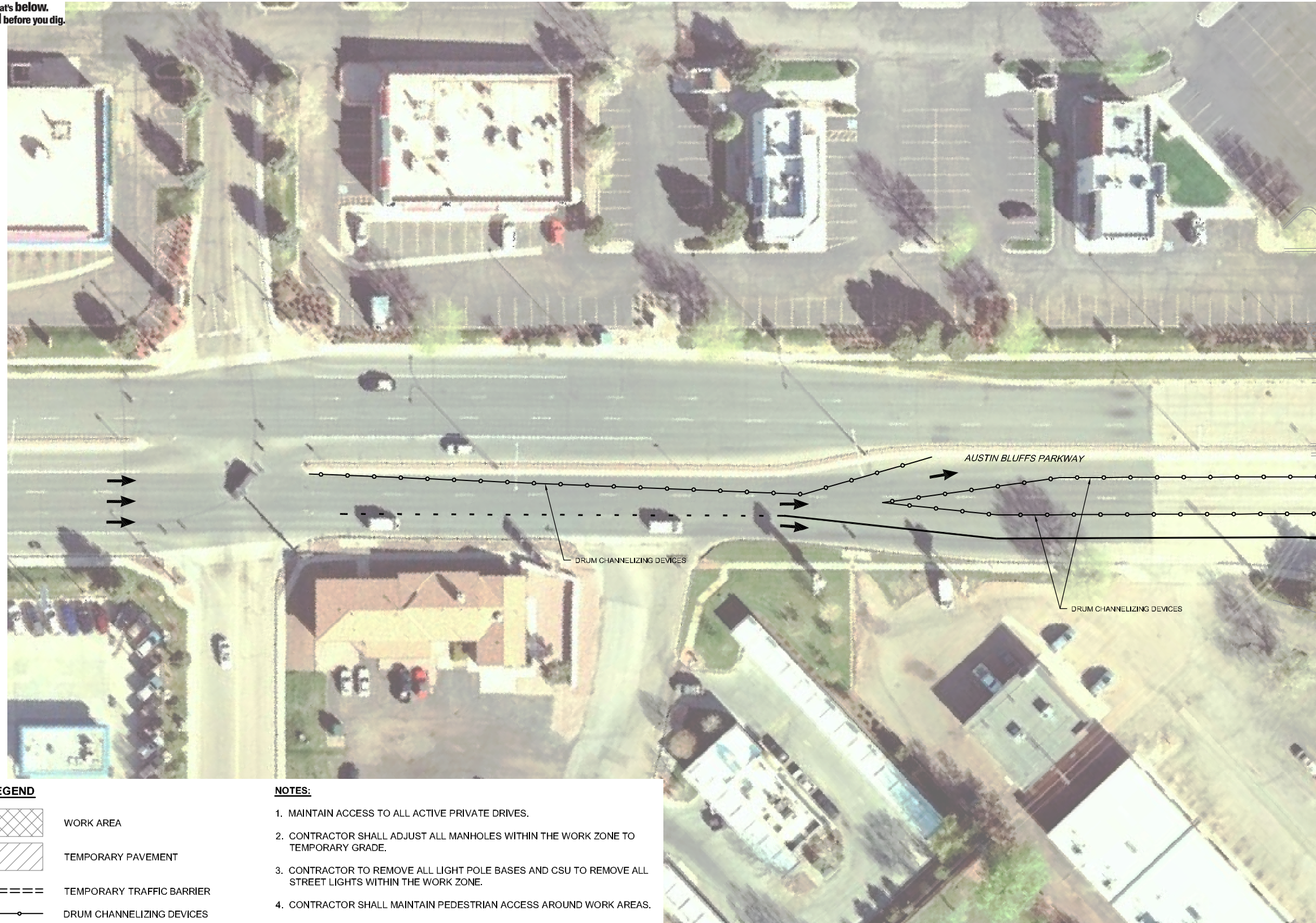
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
GEOMETRY PLAN - CL		
STA. 124+50 TO 140+48.82		
Subset:	RGP	Subset Sheets: RGP02 of RGP02 Sheet No: 672







Know what's below.  
Call before you dig.



MATCH LINE STA 98+00  
(SEE SHEET CP02)

**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC BARRIER
-  DRUM CHANNELIZING DEVICES

**NOTES:**

1. MAINTAIN ACCESS TO ALL ACTIVE PRIVATE DRIVES.
2. CONTRACTOR SHALL ADJUST ALL MANHOLES WITHIN THE WORK ZONE TO TEMPORARY GRADE.
3. CONTRACTOR TO REMOVE ALL LIGHT POLE BASES AND CSU TO REMOVE ALL STREET LIGHTS WITHIN THE WORK ZONE.
4. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AROUND WORK AREAS.
5. CONTRACTOR TO COORDINATE WITH COLORADO SPRINGS TRAFFIC SIGNAL INSPECTOR TO GET SIGNAL DETECTION ZONES RELOCATED.

**COMPUTER FILE INFORMATION**

Creation Date:	04/04/11	Initials:	CMC
Last Modification Date:	01/10/13	Initials:	SPW
Full Path:	C:\Users\spwiteveen\Documents\Austin Bluffs\CAD\		
Drawing File Name:	TC_Plans_PH_01.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

**REVISIONS**

No.	Description	Date

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2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: TDS  
DRAWN BY: TDS  
CHECKED BY: MAK

**RFP Set**



**AUSTIN BLUFFS PARKWAY**  
Segment 3 - Barnes Rd. to Old Farm Dr.

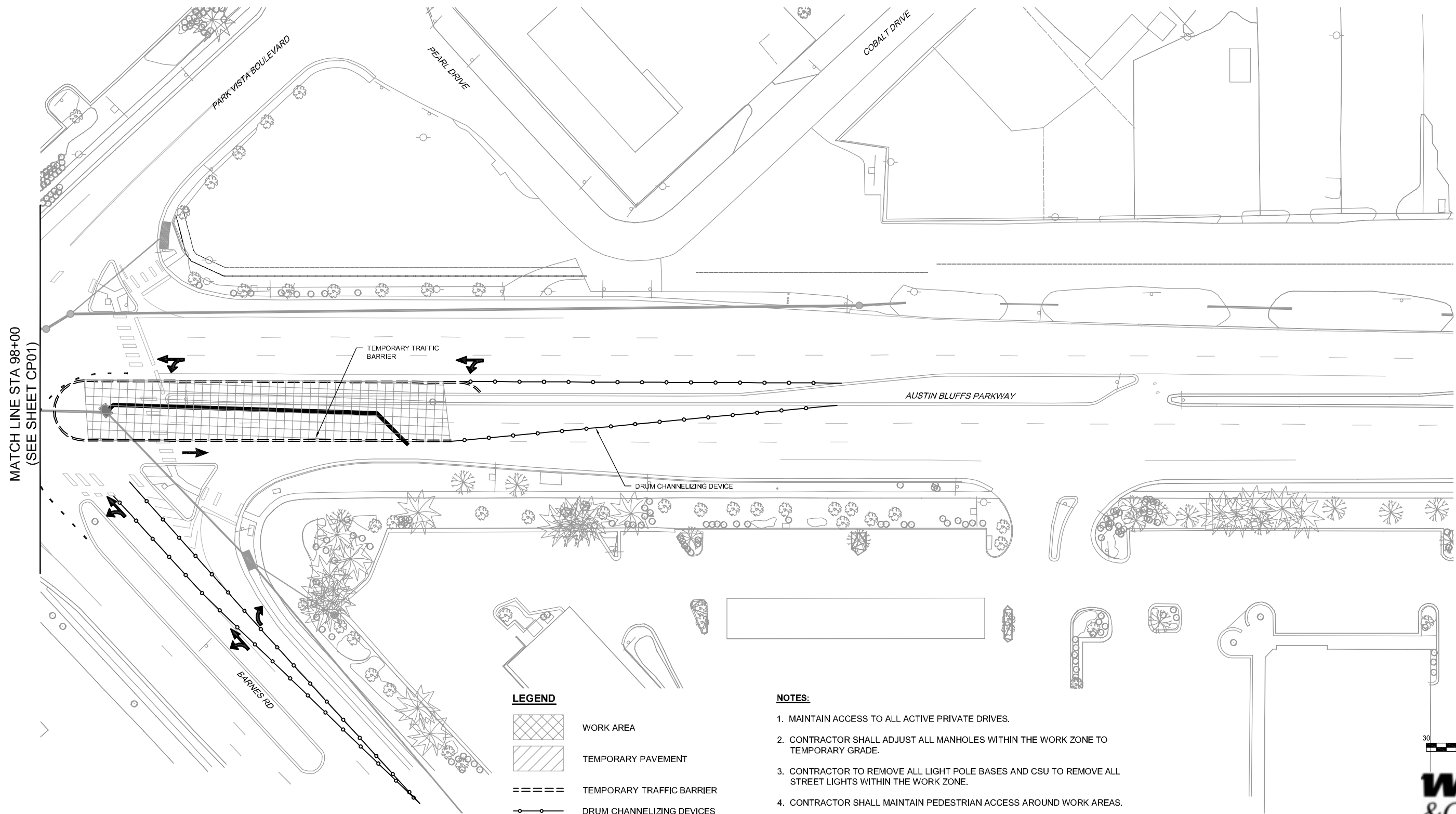
**CONSTRUCTION PHASING PLAN**  
PHASE 1A

Subset: CP PHASE 1    Subset Sheets: CP01 of CP25    Sheet No: 673

PLOT DATE: 1/15/2013



Know what's below.  
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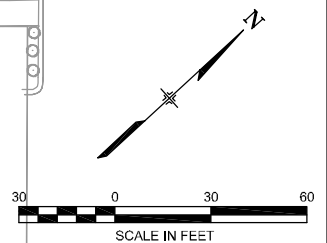


MATCH LINE STA 98+00  
(SEE SHEET CP01)

**LEGEND**

	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY TRAFFIC BARRIER
	DRUM CHANNELIZING DEVICES

- NOTES:**
1. MAINTAIN ACCESS TO ALL ACTIVE PRIVATE DRIVES.
  2. CONTRACTOR SHALL ADJUST ALL MANHOLES WITHIN THE WORK ZONE TO TEMPORARY GRADE.
  3. CONTRACTOR TO REMOVE ALL LIGHT POLE BASES AND CSU TO REMOVE ALL STREET LIGHTS WITHIN THE WORK ZONE.
  4. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AROUND WORK AREAS.
  5. CONTRACTOR TO COORDINATE WITH COLORADO SPRINGS TRAFFIC SIGNAL INSPECTOR TO GET SIGNAL DETECTION ZONES RELOCATED.



**WILSON & COMPANY**

PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11 Initials: CMC
Last Modification Date:	01/10/13 Initials: SPW
Full Path:	C:\Users\spwitteveen\Documents\Austin Bluffs\CAD\
Drawing File Name:	TC_Plans_PH_01.dwg
Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**

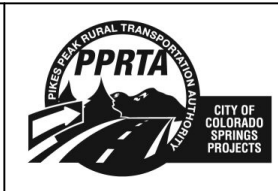
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: TDS  
DRAWN BY: TDS  
CHECKED BY: MAK

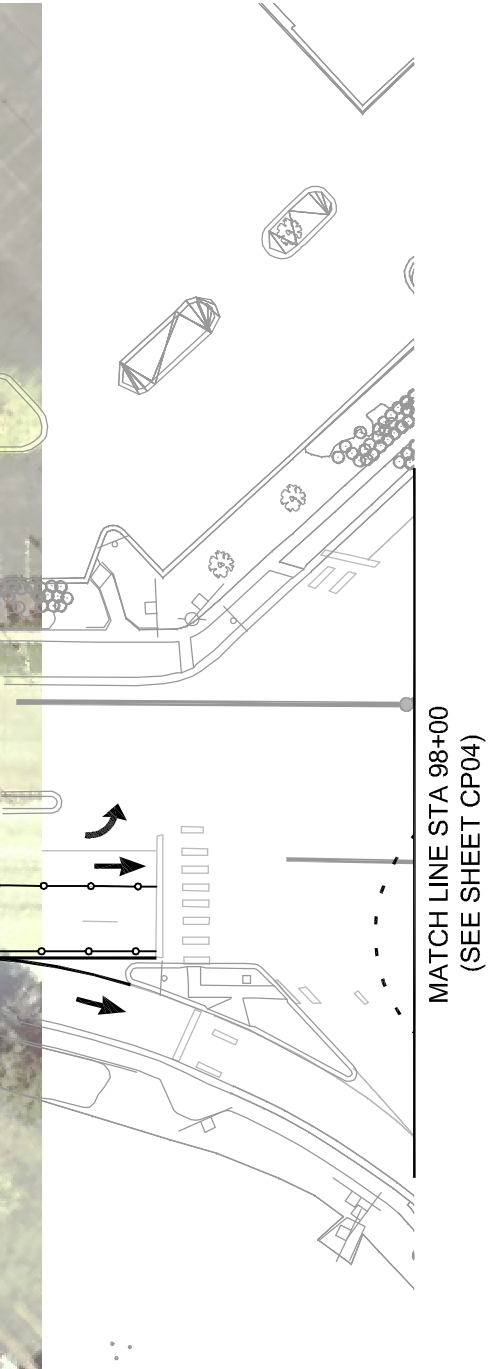
**RFP Set**





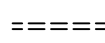
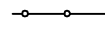
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 1A		
Subset: CP PHASE 1	Subset Sheets: CP02 of CP25	Sheet No: 674



Know what's below.  
Call before you dig.



**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC BARRIER
-  DRUM CHANNELIZING DEVICES

**NOTES:**

1. MAINTAIN ACCESS TO ALL ACTIVE PRIVATE DRIVES.
2. CONTRACTOR SHALL ADJUST ALL MANHOLES WITHIN THE WORK ZONE TO TEMPORARY GRADE.
3. CONTRACTOR TO REMOVE ALL LIGHT POLE BASES AND CSU TO REMOVE ALL STREET LIGHTS WITHIN THE WORK ZONE.
4. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AROUND WORK AREAS.
5. CONTRACTOR TO COORDINATE WITH COLORADO SPRINGS TRAFFIC SIGNAL INSPECTOR TO GET SIGNAL DETECTION ZONES RELOCATED.



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11 Initials: CMC
Last Modification Date:	01/10/13 Initials: SPW
Full Path:	C:\Users\spwiteveen\Documents\Austin Bluffs\CAD\
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Acad Ver.	2011 Scale: AS SHOWN

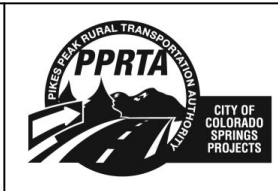
REVISIONS		
No.	Description	Date

**STATEMENT:**  
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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: TDS  
DRAWN BY: TDS  
CHECKED BY: MAK

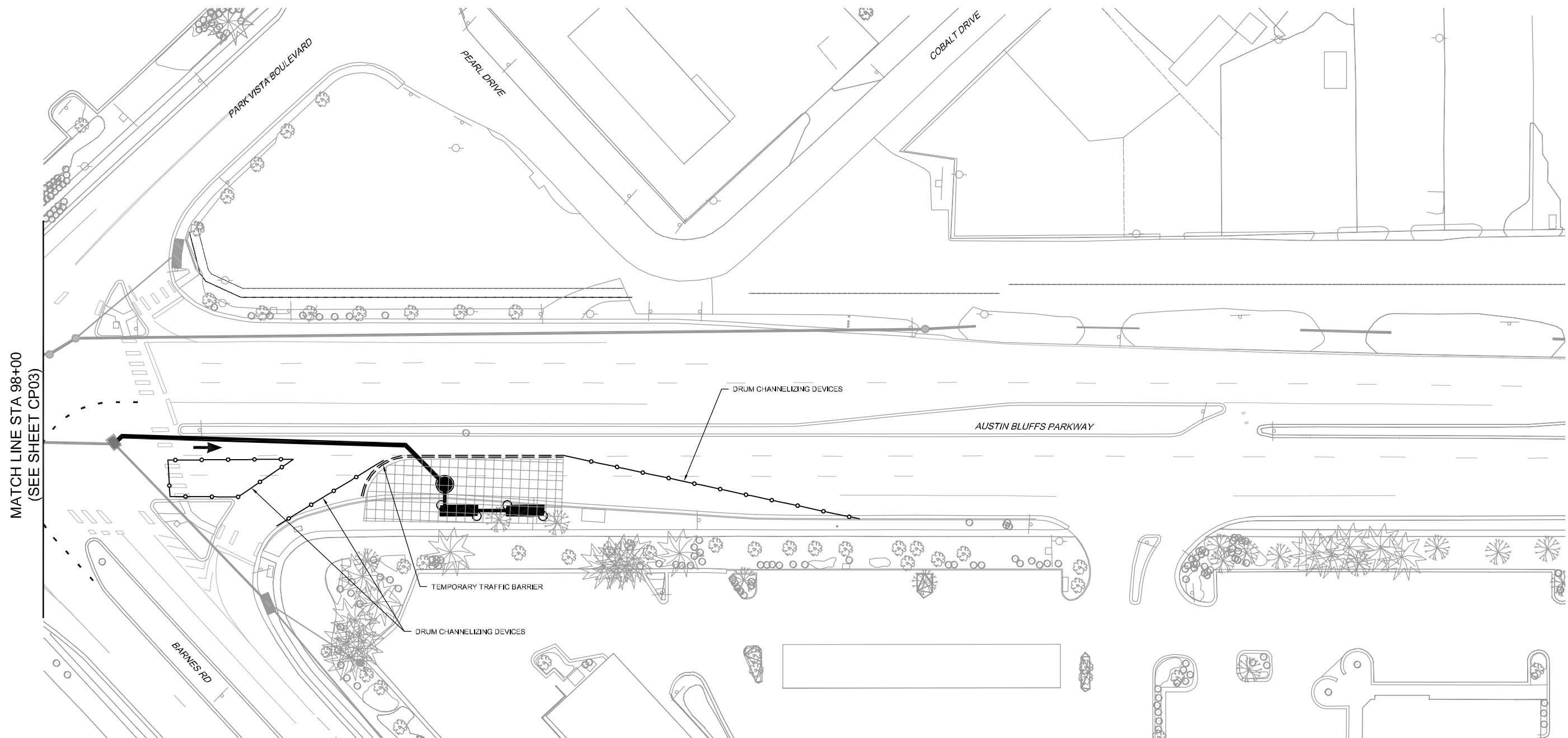
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 1B		
Subset: CP PHASE 1	Subset Sheets: CP03 of CP25	Sheet No: 675



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Call before you dig.



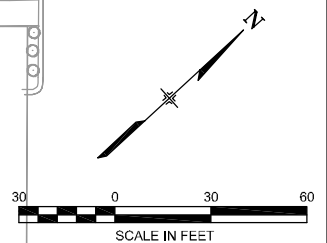
MATCH LINE STA 98+00  
(SEE SHEET CP03)

**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY TRAFFIC BARRIER
- DRUM CHANNELIZING DEVICES

**NOTES:**

1. MAINTAIN ACCESS TO ALL ACTIVE PRIVATE DRIVES.
2. CONTRACTOR SHALL ADJUST ALL MANHOLES WITHIN THE WORK ZONE TO TEMPORARY GRADE.
3. CONTRACTOR TO REMOVE ALL LIGHT POLE BASES AND CSU TO REMOVE ALL STREET LIGHTS WITHIN THE WORK ZONE.
4. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AROUND WORK AREAS.
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**WILSON & COMPANY**

PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11 Initials: CMC
Last Modification Date:	01/10/13 Initials: SPW
Full Path:	C:\Users\spwitteveen\Documents\Austin Bluffs\CAD\
Drawing File Name:	TC_Plans_PH_01.dwg
Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**

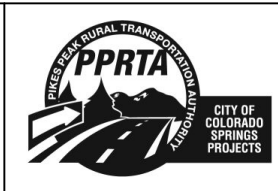
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

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Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: TDS  
DRAWN BY: TDS  
CHECKED BY: MAK

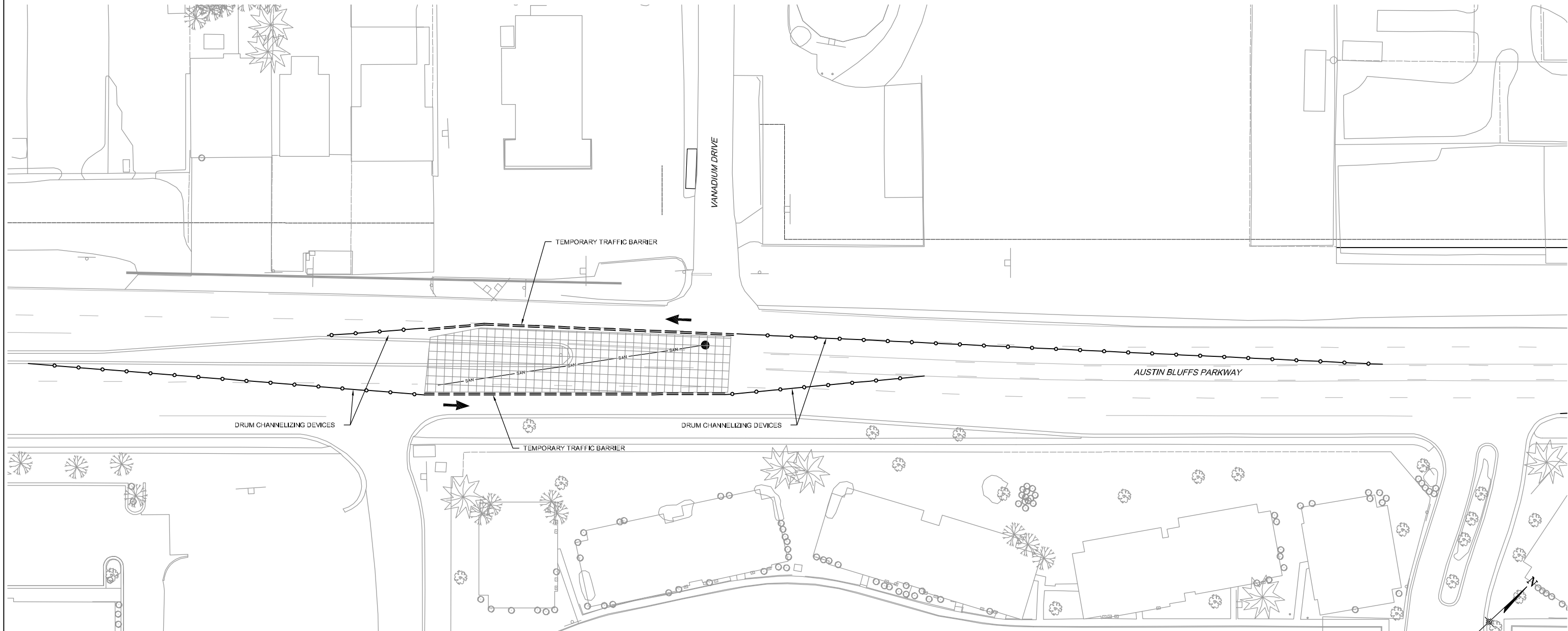
**RFP Set**





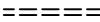
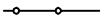
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 1B		
Subset: CP PHASE 1	Subset Sheets: CP04 of CP25	Sheet No: 676



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**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC BARRIER
-  DRUM CHANNELIZING DEVICES

**NOTES:**

1. MAINTAIN ACCESS TO ALL ACTIVE PRIVATE DRIVES.
2. CONTRACTOR SHALL ADJUST ALL MANHOLES WITHIN THE WORK ZONE TO TEMPORARY GRADE.
3. CONTRACTOR TO REMOVE ALL LIGHT POLE BASES AND CSU TO REMOVE ALL STREET LIGHTS WITHIN THE WORK ZONE.
4. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AROUND WORK AREAS.
5. CONTRACTOR TO COORDINATE WITH COLORADO SPRINGS TRAFFIC SIGNAL INSPECTOR TO GET SIGNAL DETECTION ZONES RELOCATED.



PLOT DATE: 1/15/2013

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Drawing File Name:	TC_Plans_PH_01.dwg
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No.	Description	Date

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DRAWN BY: TDS  
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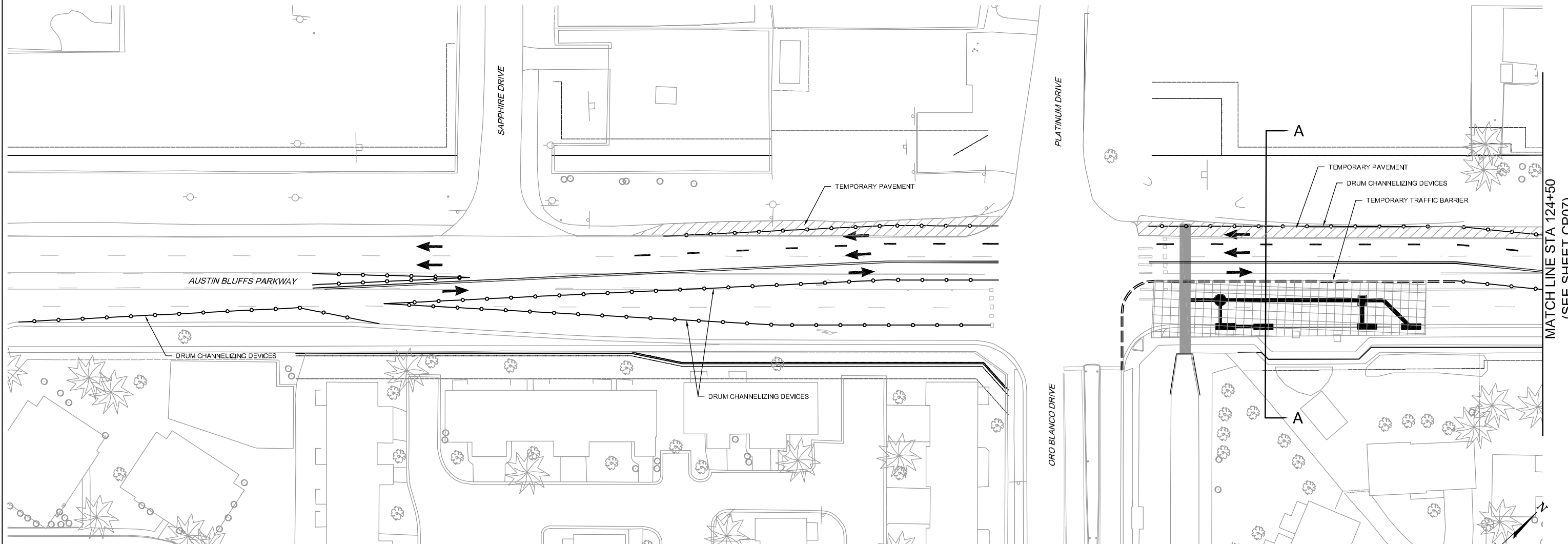
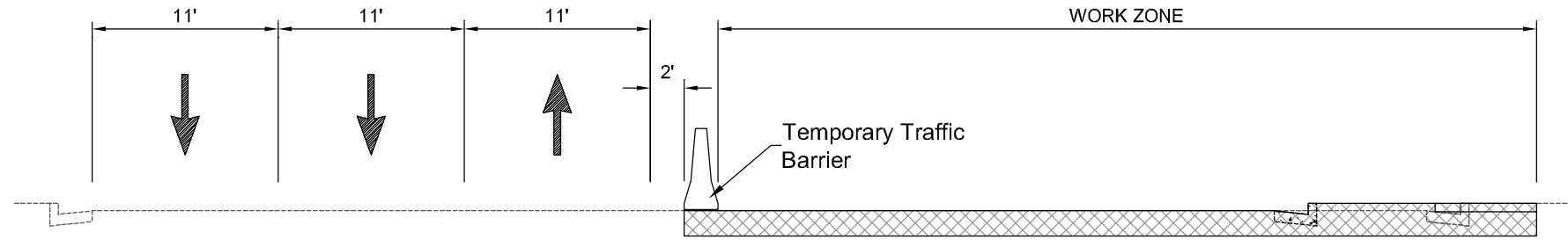
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN PHASE 1C		
Subset: CP PHASE 1	Subset Sheets: CP05 of CP25	Sheet No: 677



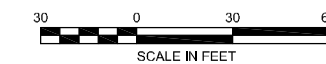
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**LEGEND**

	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY TRAFFIC BARRIER
	DRUM CHANNELIZING DEVICES

- NOTES:**
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No.	Description	Date

**STATEMENT:**

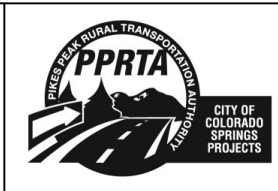
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DRAWN BY: TDS  
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**RFP Set**



**AUSTIN BLUFFS PARKWAY**  
Segment 3 - Barnes Rd. to Old Farm Dr.

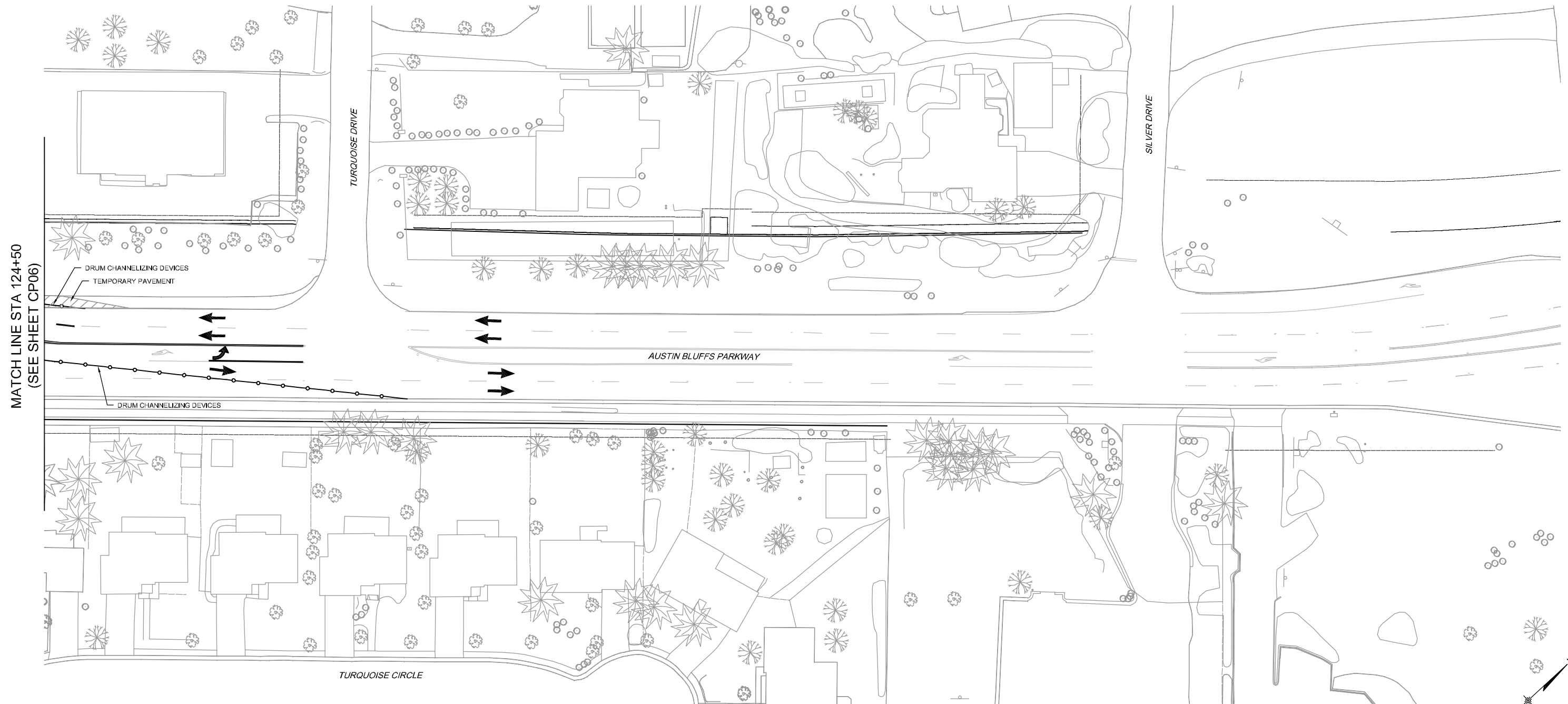
**CONSTRUCTION PHASING PLAN**  
PHASE 1D

Subset: CP PHASE 1	Subset Sheets: CP06 of CP25	Sheet No: 678
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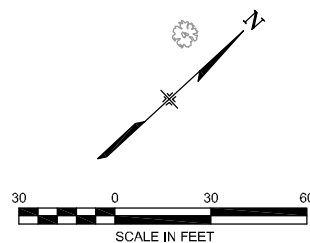
MATCH LINE STA 124+50  
(SEE SHEET CP06)

**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY TRAFFIC BARRIER
- DRUM CHANNELIZING DEVICES

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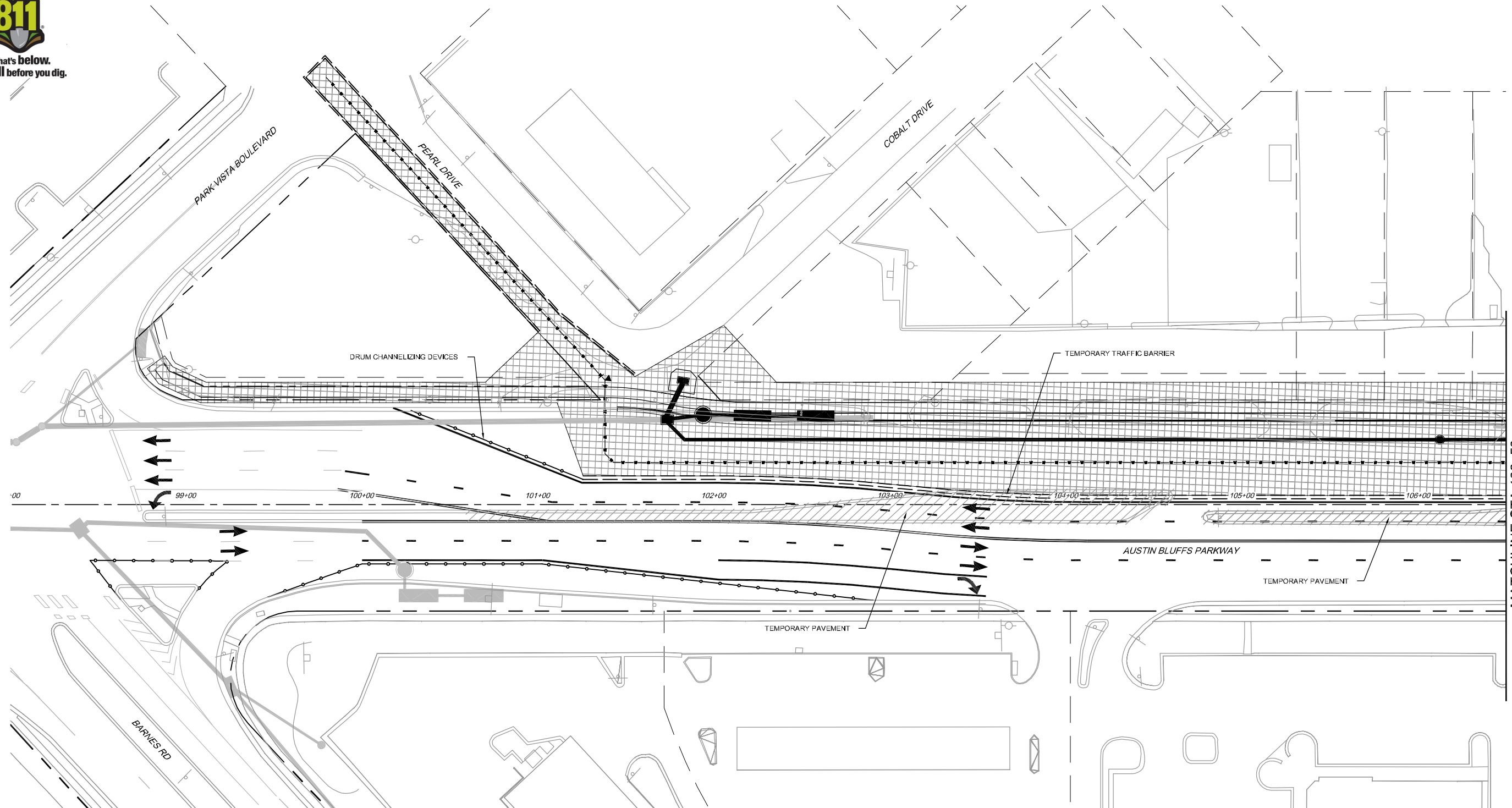
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN PHASE 1D		
Subset: CP PHASE 1	Subset Sheets: CP07 of CP25	Sheet No: 679







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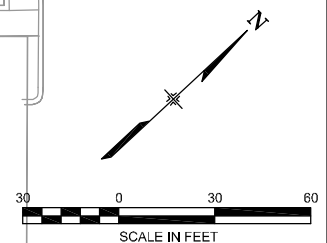
MATCHLINE STA 106+50  
(SEE SHEET CP09)

**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC BARRIER
-  DRUM CHANNELIZING DEVICES

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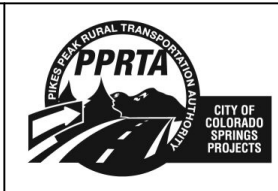
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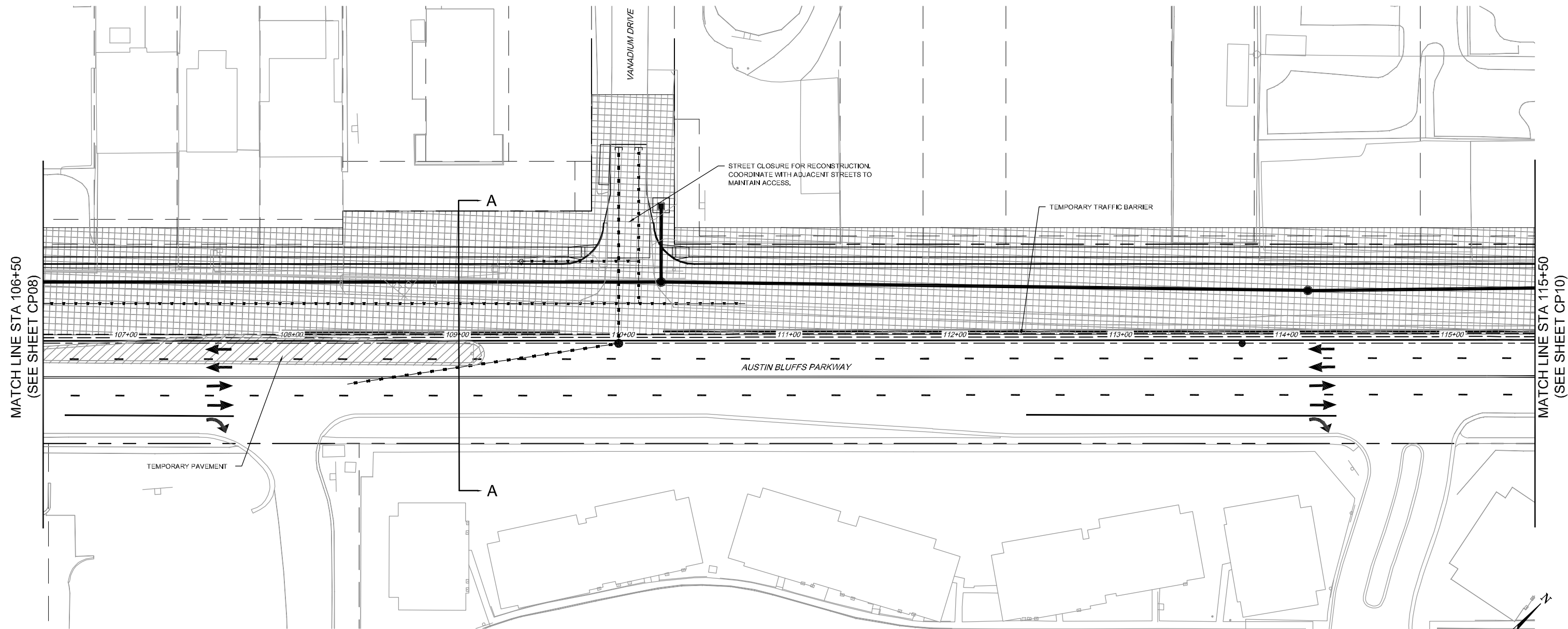
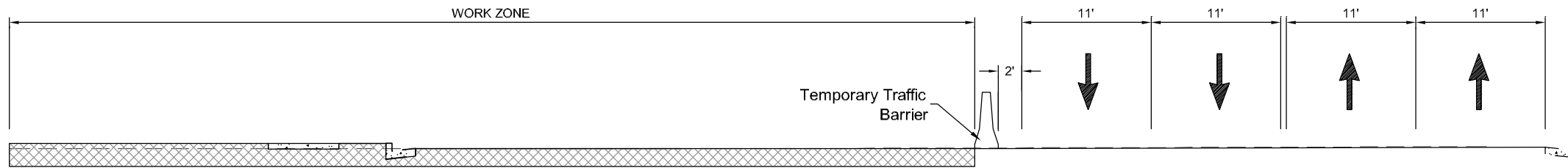
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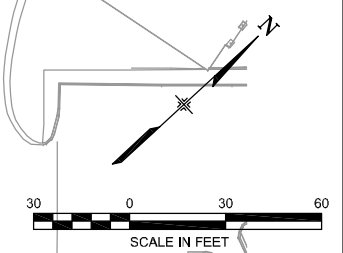
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN PHASE 2		
Subset: CP PHASE 2	Subset Sheets: CP08 of CP25	Sheet No: 680



**LEGEND**

	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY TRAFFIC BARRIER
	DRUM CHANNELIZING DEVICES

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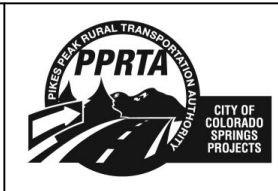
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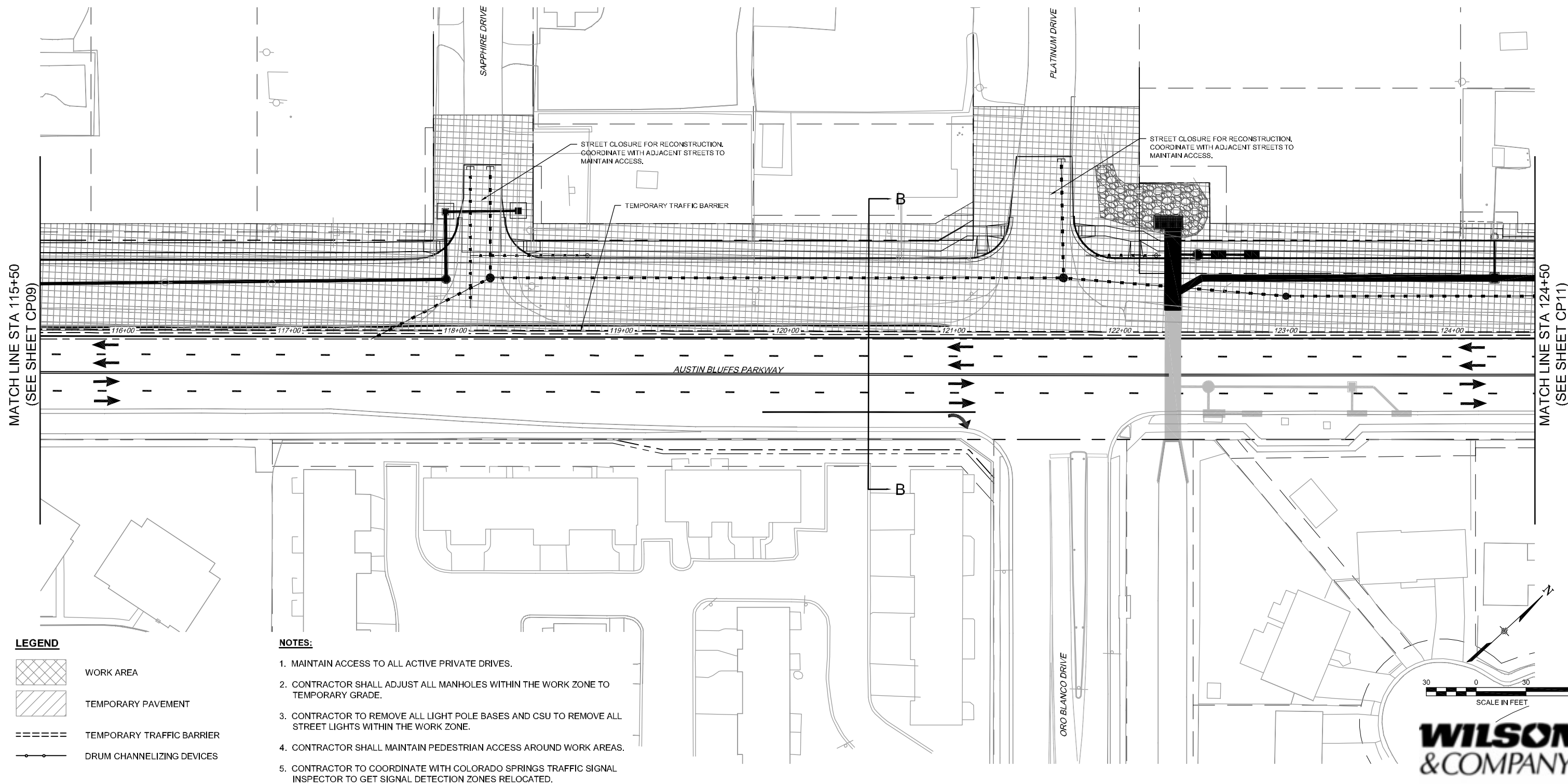
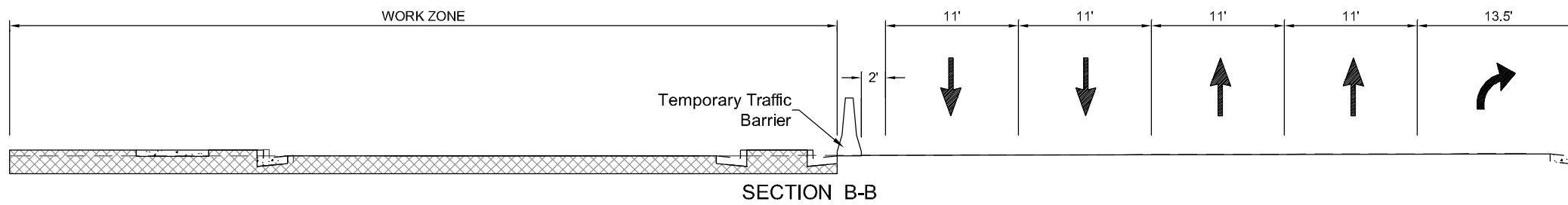
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**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 2		
Subset: CP PHASE 2	Subset Sheets: CP09 of CP25	Sheet No: 681

PLOT DATE: 1/16/2013



- LEGEND**
- WORK AREA
  - TEMPORARY PAVEMENT
  - TEMPORARY TRAFFIC BARRIER
  - DRUM CHANNELIZING DEVICES

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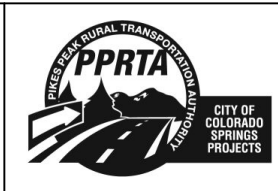
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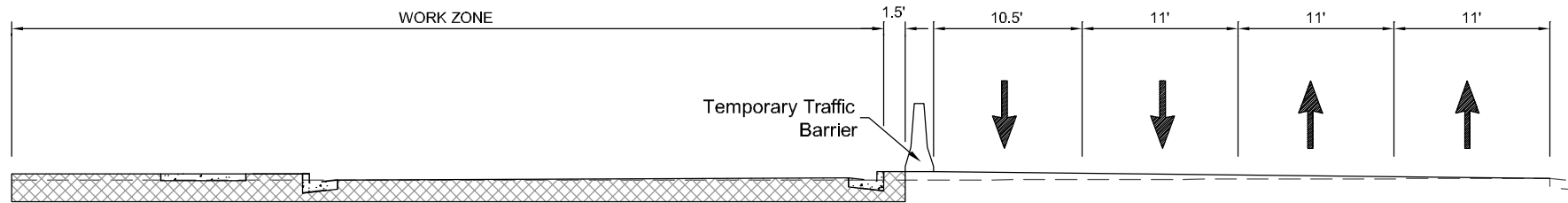
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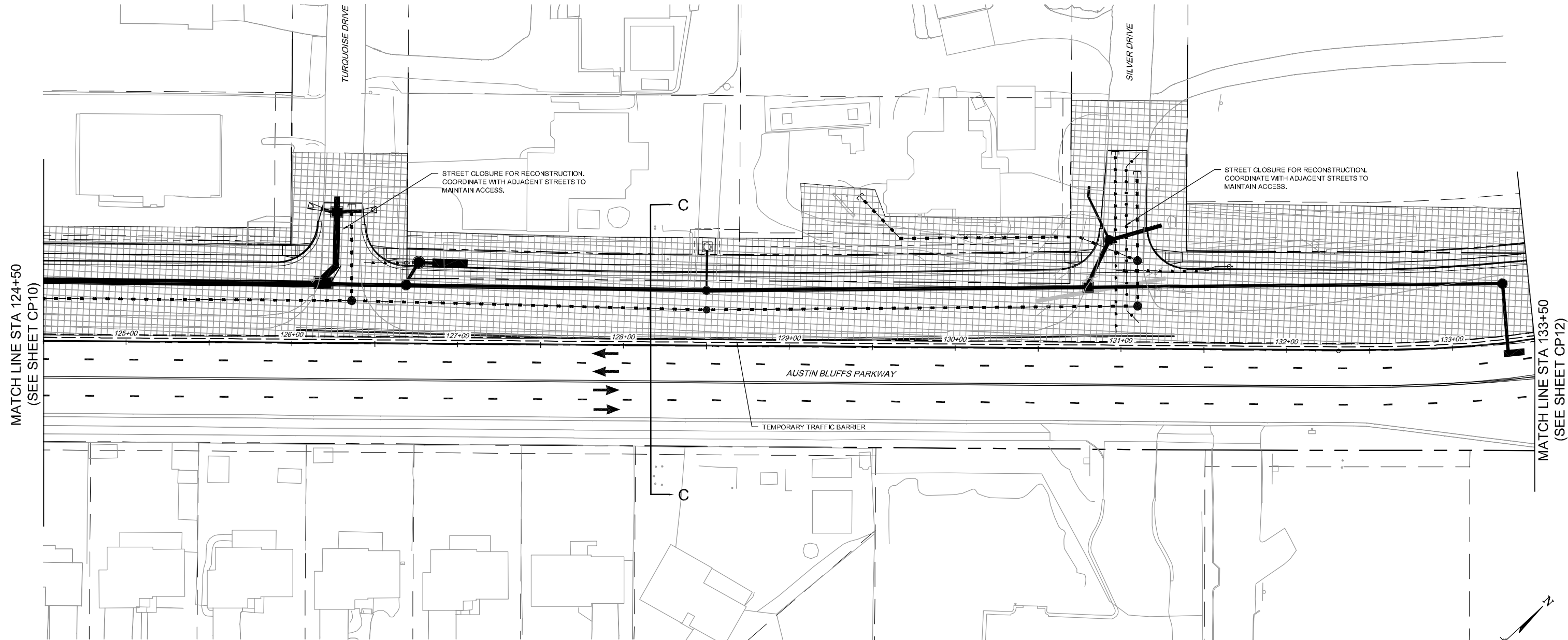
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Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 2		
Subset: CP PHASE 2	Subset Sheets: CP10 of CP25	Sheet No: 682



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SECTION C-C



MATCH LINE STA 124+50  
(SEE SHEET CP10)

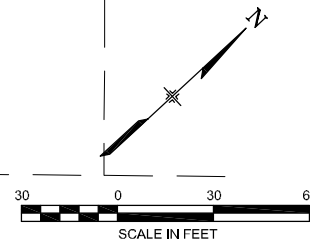
MATCH LINE STA 133+50  
(SEE SHEET CP12)

**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY TRAFFIC BARRIER
- DRUM CHANNELIZING DEVICES

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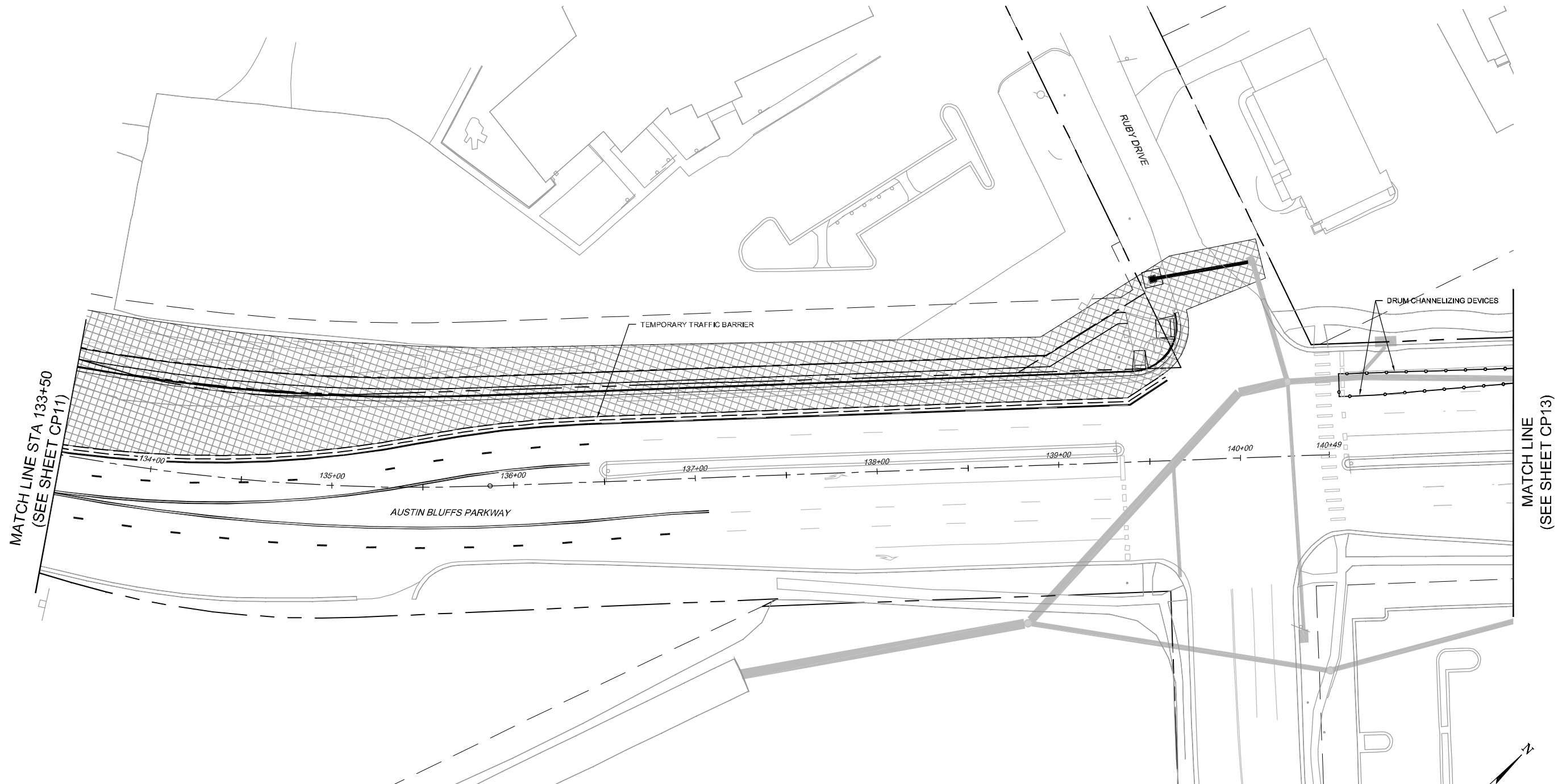
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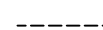

AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN PHASE 2		
Subset: CP PHASE 2	Subset Sheets: CP11 of CP25	Sheet No: 683



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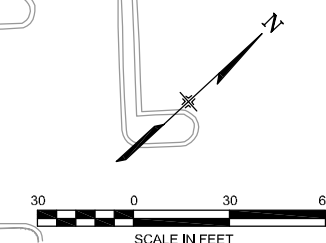


**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC BARRIER
-  DRUM CHANNELIZING DEVICES

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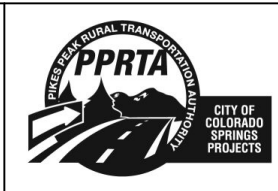
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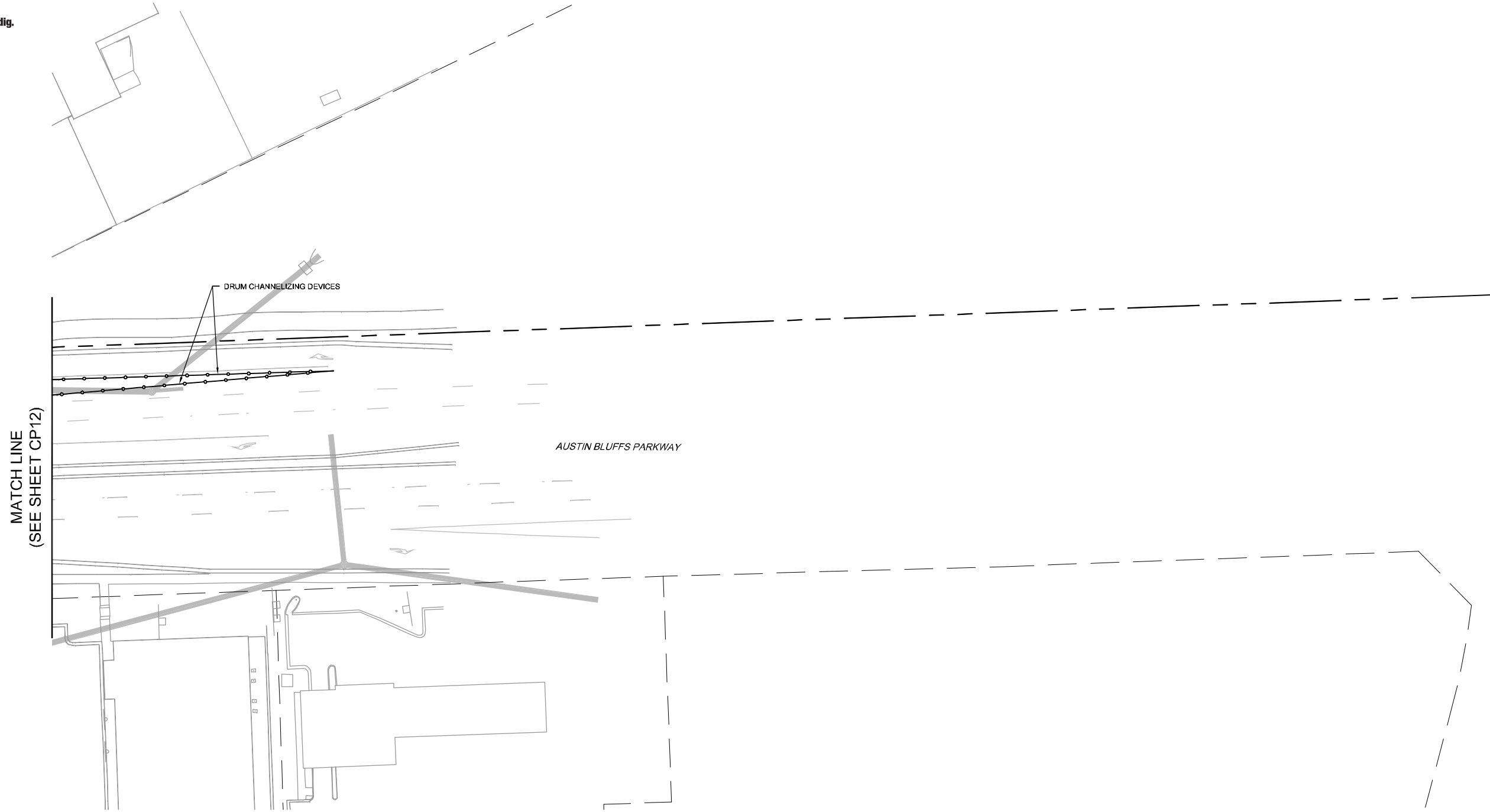
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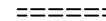

AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 2		
Subset: CP PHASE 2	Subset Sheets: CP12 of CP25	Sheet No: 684



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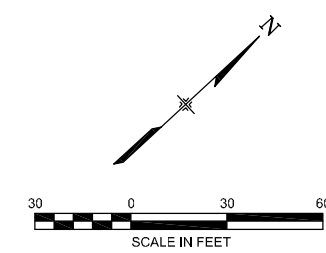


**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC BARRIER
-  DRUM CHANNELIZING DEVICES

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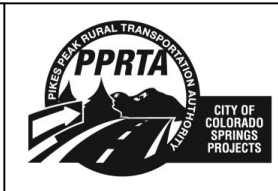
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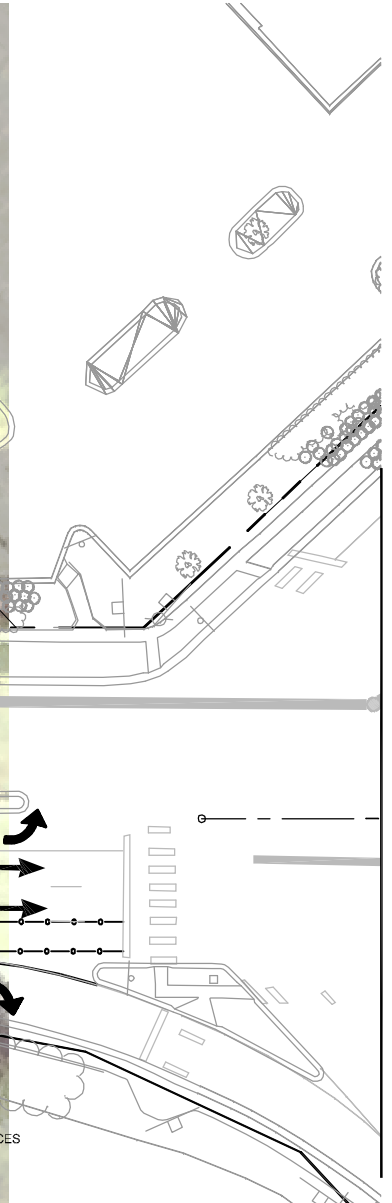
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

AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN PHASE 2		
Subset: CP PHASE 2	Subset Sheets: CP13 of CP25	Sheet No: 685



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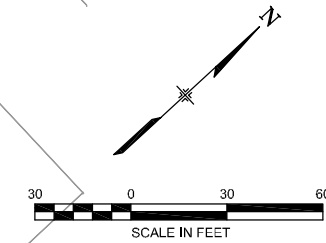


**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC BARRIER
-  DRUM CHANNELIZING DEVICES

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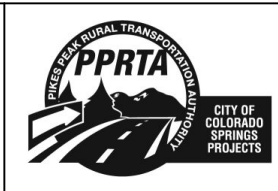
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**Matrix DESIGN GROUP**

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Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: TDS  
DRAWN BY: TDS  
CHECKED BY: MAK

**RFP Set**

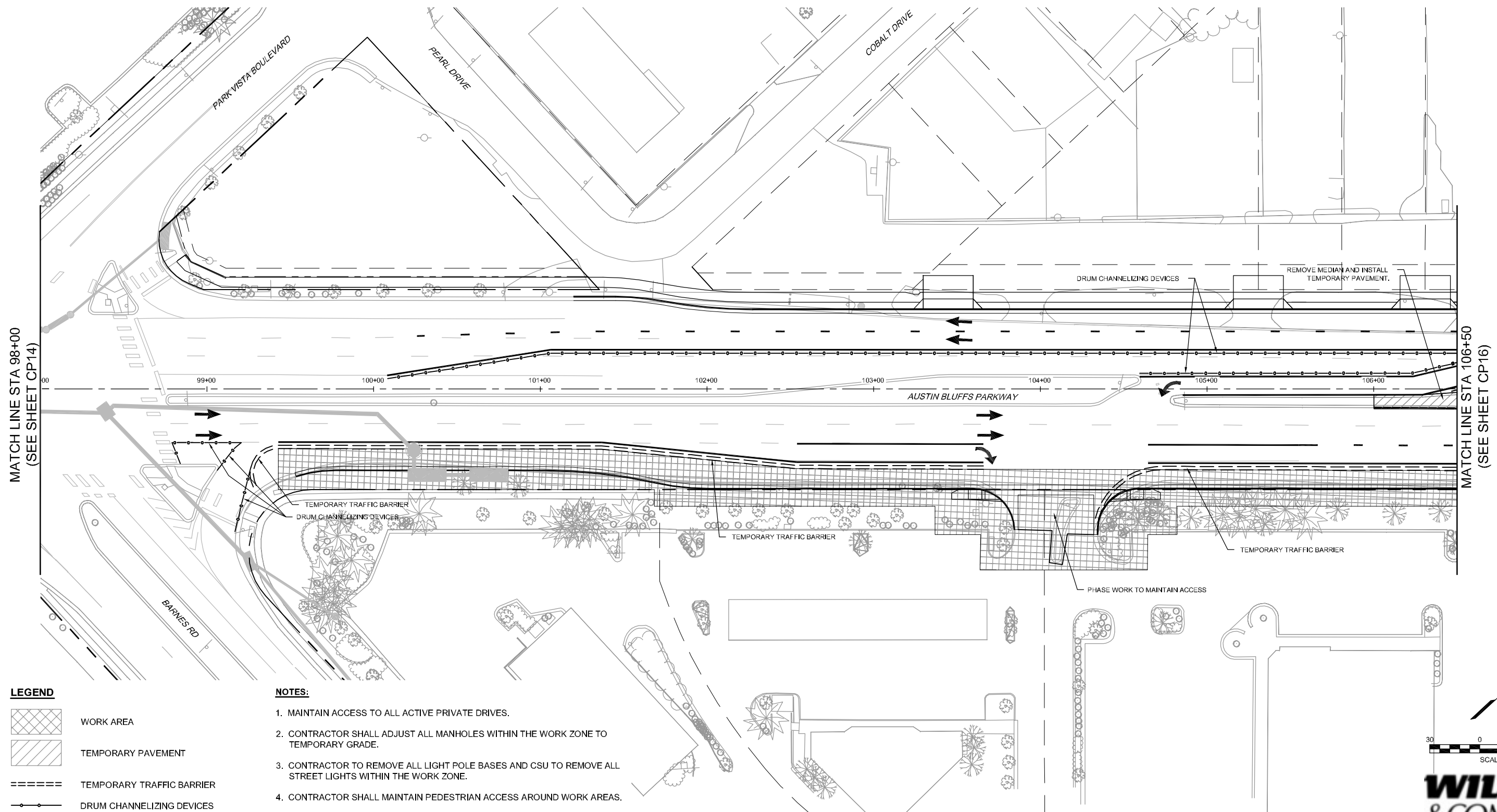


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 3		
Subset: CP PHASE 3	Subset Sheets: CP14 of CP25	Sheet No: 686





Know what's below.  
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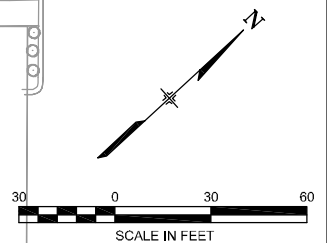


MATCH LINE STA 98+00  
(SEE SHEET CP14)

MATCH LINE STA 106+50  
(SEE SHEET CP16)

- LEGEND**
- WORK AREA
  - TEMPORARY PAVEMENT
  - TEMPORARY TRAFFIC BARRIER
  - DRUM CHANNELIZING DEVICES

- NOTES:**
1. MAINTAIN ACCESS TO ALL ACTIVE PRIVATE DRIVES.
  2. CONTRACTOR SHALL ADJUST ALL MANHOLES WITHIN THE WORK ZONE TO TEMPORARY GRADE.
  3. CONTRACTOR TO REMOVE ALL LIGHT POLE BASES AND CSU TO REMOVE ALL STREET LIGHTS WITHIN THE WORK ZONE.
  4. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AROUND WORK AREAS.
  5. CONTRACTOR TO COORDINATE WITH COLORADO SPRINGS TRAFFIC SIGNAL INSPECTOR TO GET SIGNAL DETECTION ZONES RELOCATED.



**WILSON & COMPANY**

PLOT DATE: 1/16/2013

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Creation Date:	04/04/11 Initials: CMC
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Drawing File Name:	TC_Plans_PH_03.dwg
Acad Ver.	2011 Scale: AS SHOWN

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No.	Description	Date

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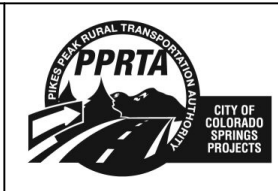
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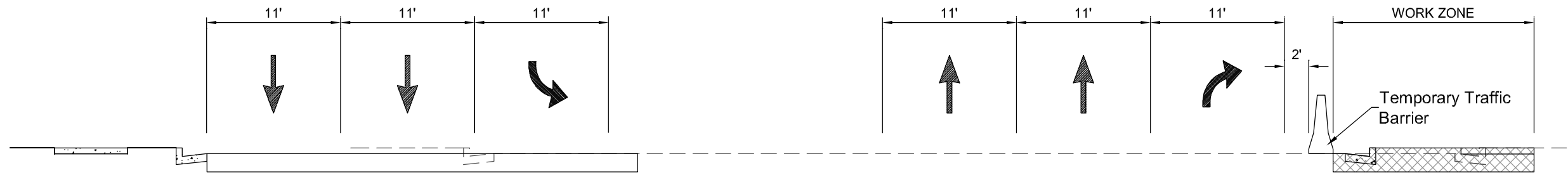
**RFP Set**



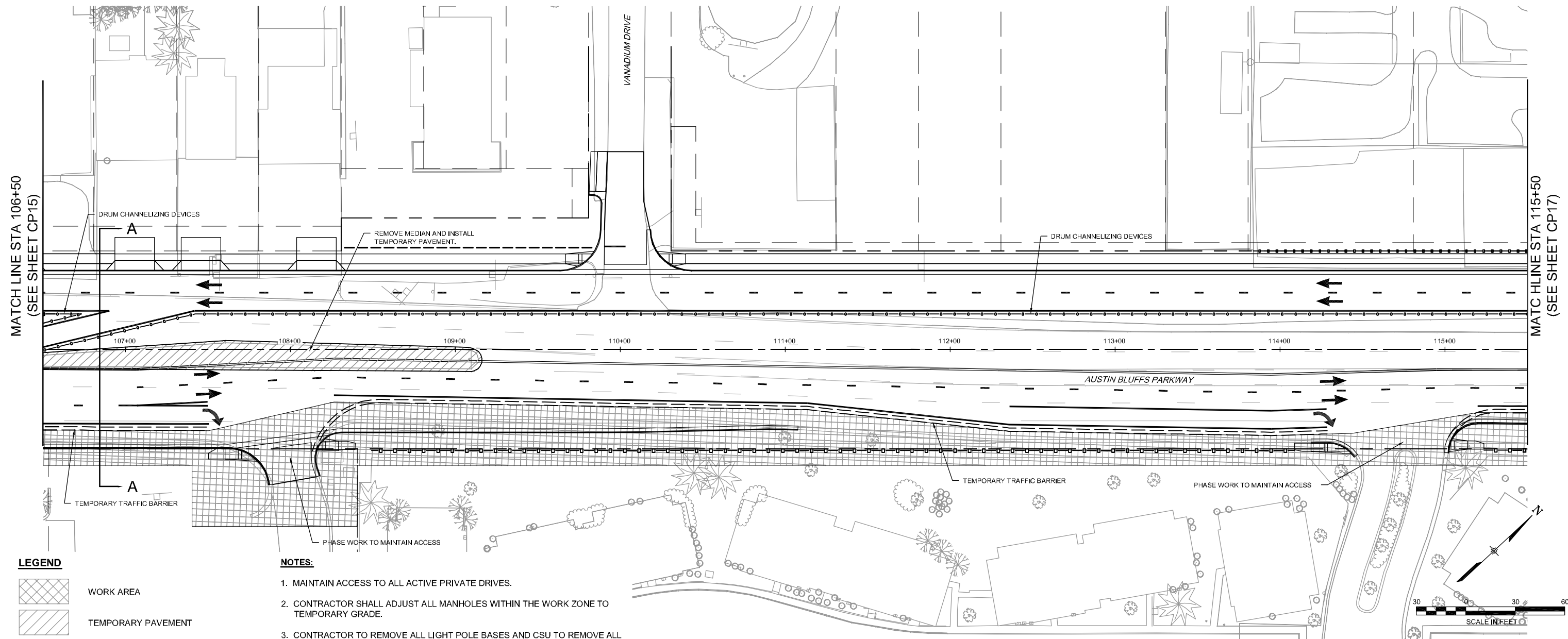
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 3		
Subset: CP PHASE 3	Subset Sheets: CP15 of CP25	Sheet No: 687



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SECTION A-A



MATCH LINE STA 106+50  
(SEE SHEET CP15)

MATCH LINE STA 115+50  
(SEE SHEET CP17)

- LEGEND**
- WORK AREA
  - TEMPORARY PAVEMENT
  - TEMPORARY TRAFFIC BARRIER
  - DRUM CHANNELIZING DEVICES

- NOTES:**
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No.	Description	Date

**STATEMENT:**

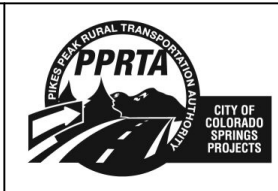
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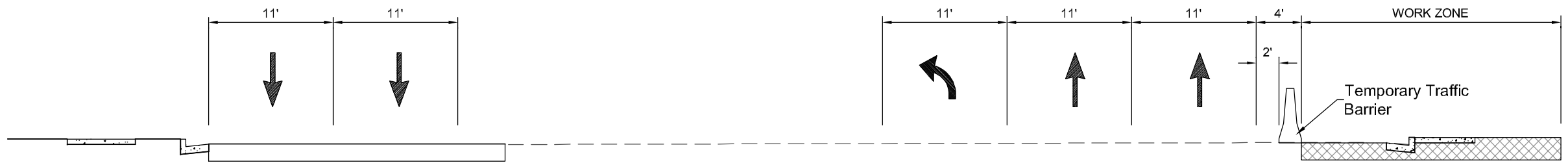
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**RFP Set**



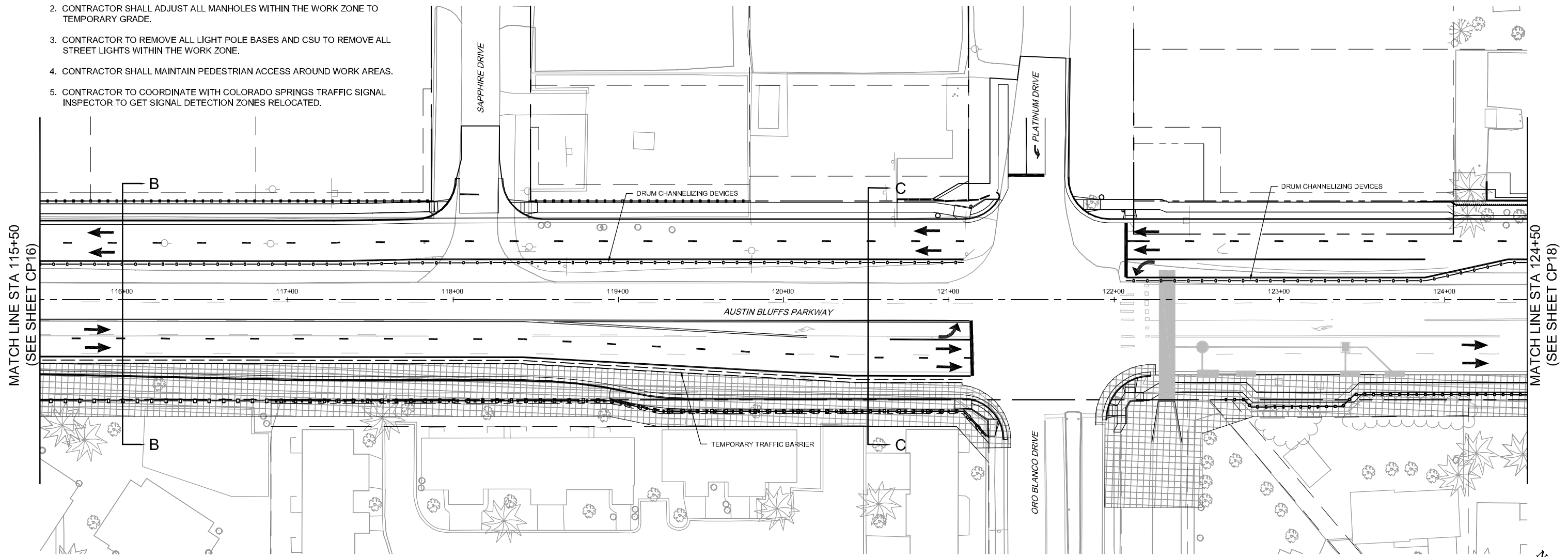
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 3		
Subset: CP PHASE 3	Subset Sheets: CP16 of CP25	Sheet No: 688



**NOTES:**

1. MAINTAIN ACCESS TO ALL ACTIVE PRIVATE DRIVES.
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5. CONTRACTOR TO COORDINATE WITH COLORADO SPRINGS TRAFFIC SIGNAL INSPECTOR TO GET SIGNAL DETECTION ZONES RELOCATED.

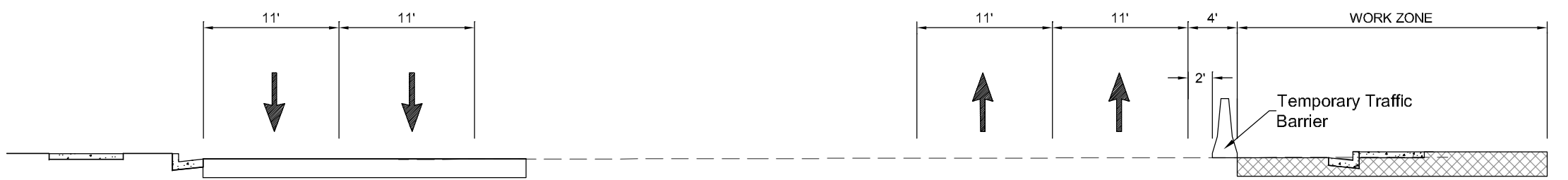
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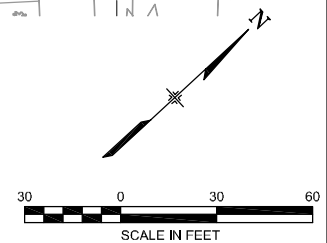
MATCH LINE STA 115+50  
(SEE SHEET CP16)

MATCH LINE STA 124+50  
(SEE SHEET CP18)

- LEGEND**
- WORK AREA
  - TEMPORARY PAVEMENT
  - TEMPORARY TRAFFIC BARRIER
  - DRUM CHANNELIZING DEVICES



**SECTION B-B**



COMPUTER FILE INFORMATION	
Creation Date:	04/04/11
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Scale:	AS SHOWN

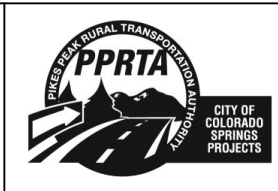
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No.	Description	Date

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**RFP Set**

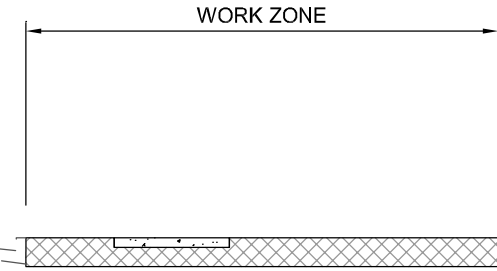
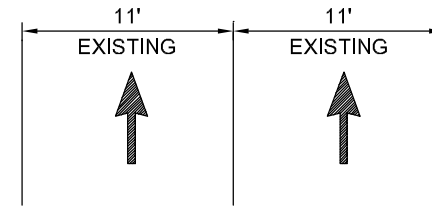
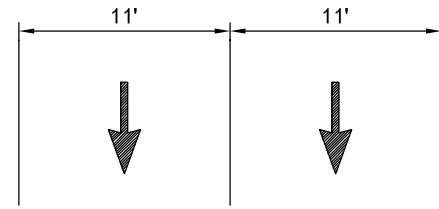


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 3		
Subset: CP PHASE 3	Subset Sheets: CP17 of CP25	Sheet No: 689

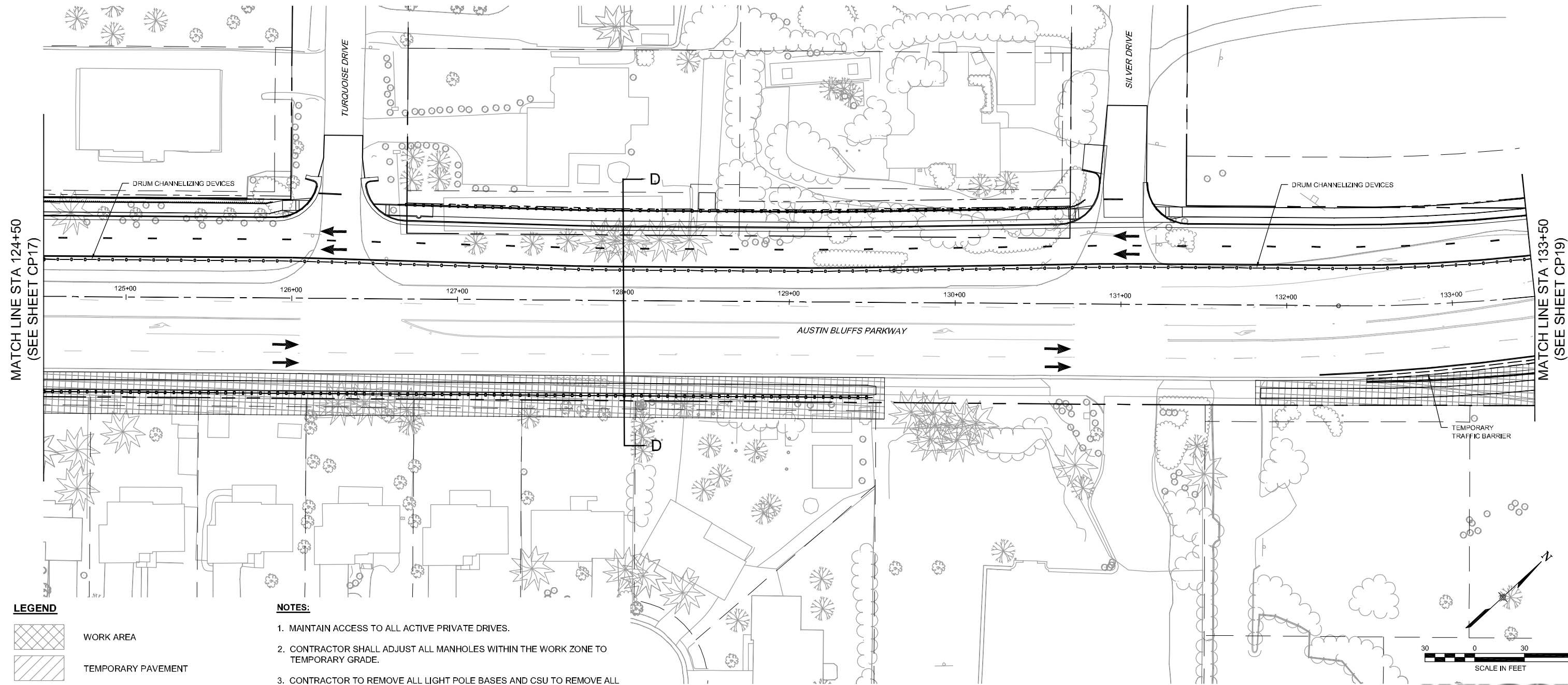
PLOT DATE: 1/16/2013



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### SECTION D-D



MATCH LINE STA 124+50  
(SEE SHEET CP17)

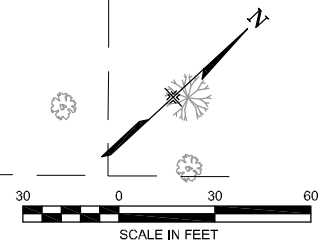
MATCH LINE STA 133+50  
(SEE SHEET CP19)

#### LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY TRAFFIC BARRIER
- DRUM CHANNELIZING DEVICES

#### NOTES:

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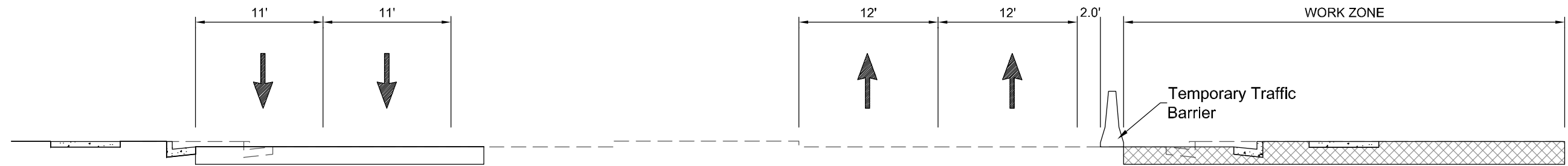
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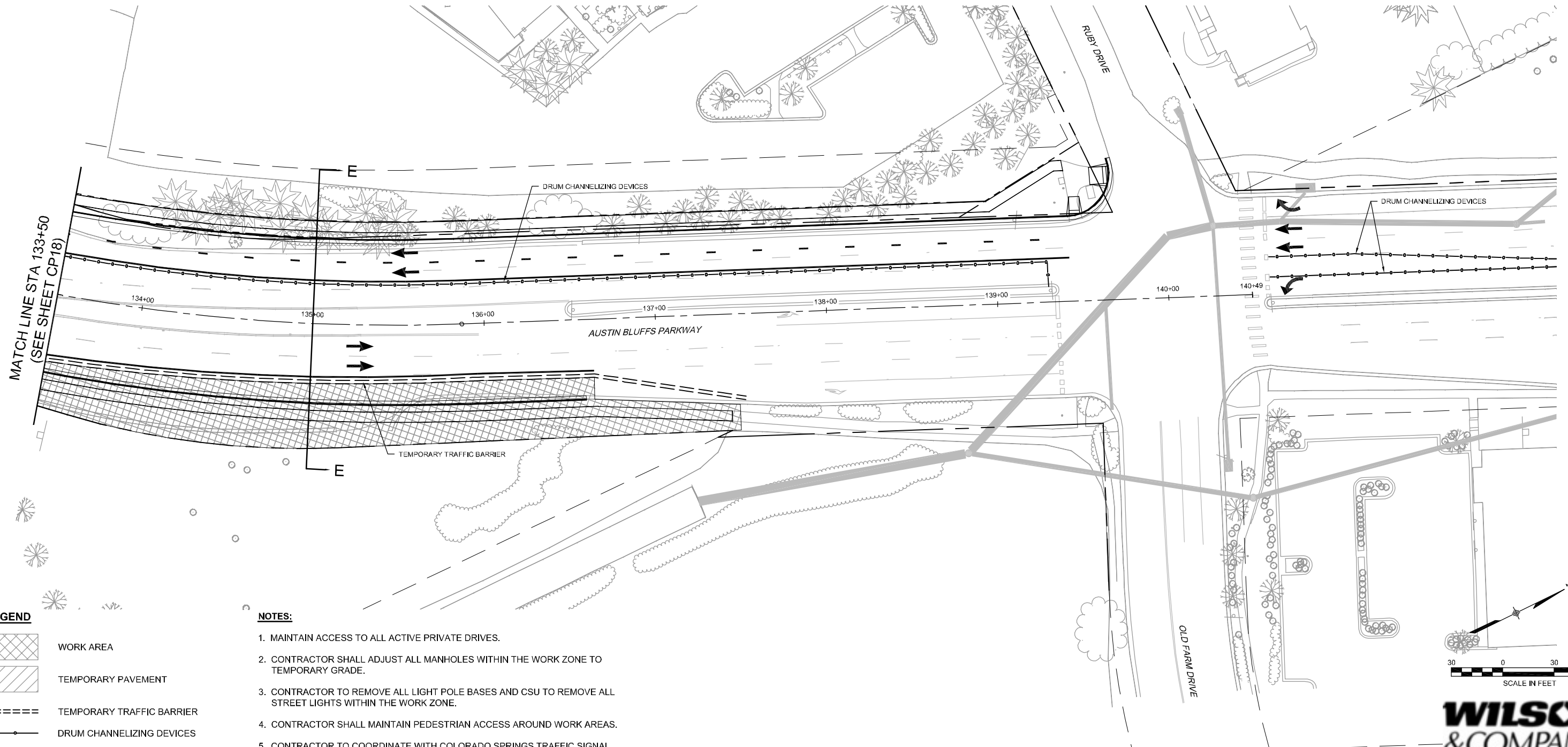
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN PHASE 3		
Subset: CP PHASE 3	Subset Sheets: CP18 of CP25	Sheet No: 690



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### SECTION E-E



- LEGEND**
- WORK AREA
  - TEMPORARY PAVEMENT
  - TEMPORARY TRAFFIC BARRIER
  - DRUM CHANNELIZING DEVICES

- NOTES:**
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  2. CONTRACTOR SHALL ADJUST ALL MANHOLES WITHIN THE WORK ZONE TO TEMPORARY GRADE.
  3. CONTRACTOR TO REMOVE ALL LIGHT POLE BASES AND CSU TO REMOVE ALL STREET LIGHTS WITHIN THE WORK ZONE.
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No.	Description	Date

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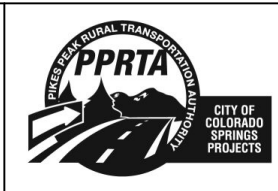
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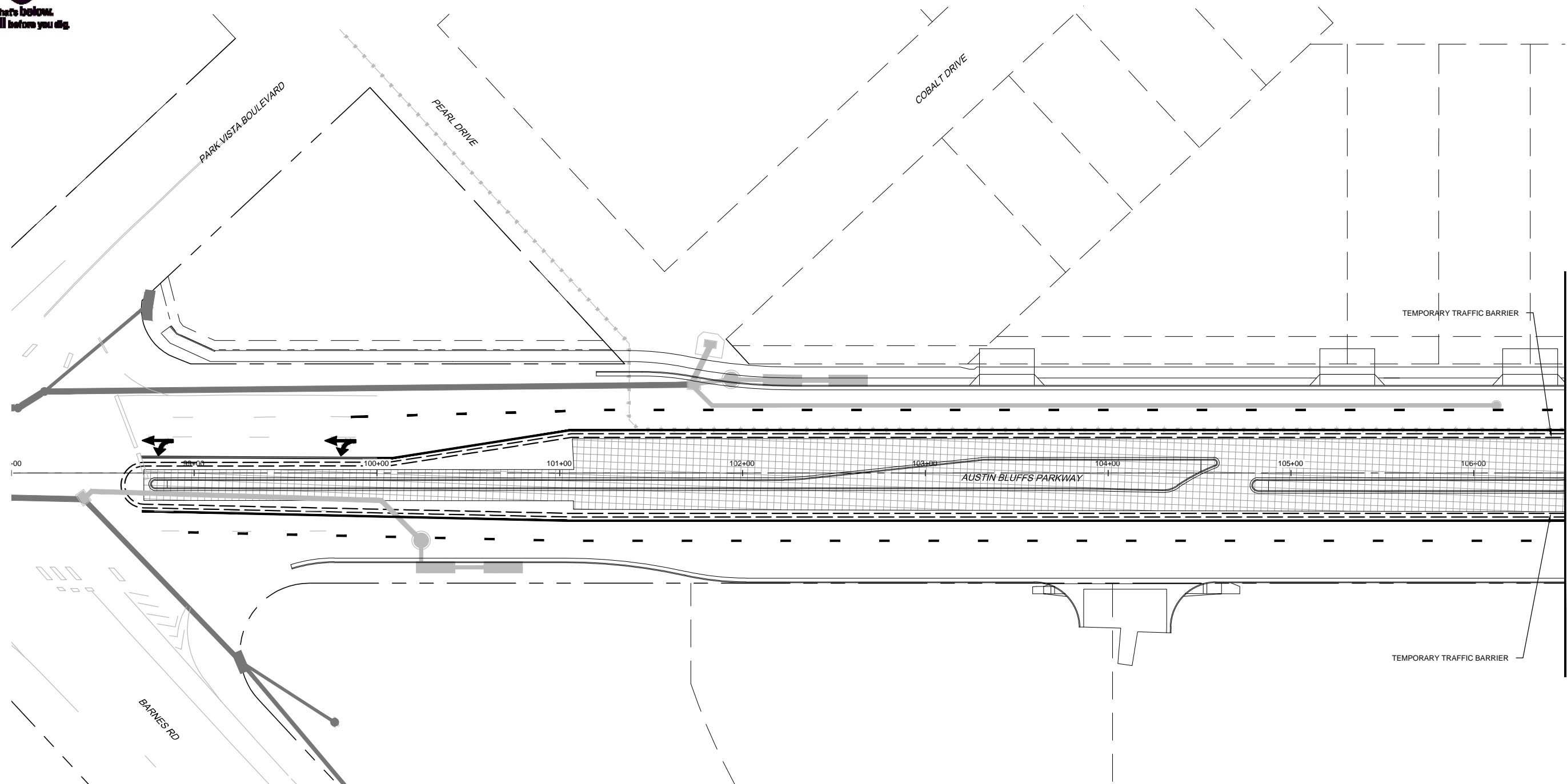
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

AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 3		
Subset: CP PHASE 3	Subset Sheets: CP19 of CP25	Sheet No: 691

**811**

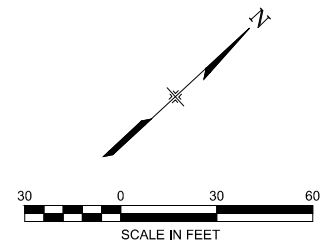
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MATCH LINE STA 106+50  
(SEE SHEET CP21)

- LEGEND**
-  WORK AREA
  -  TEMPORARY PAVEMENT
  -  TEMPORARY TRAFFIC BARRIER
  -  DRUM CHANNELIZING DEVICES

- NOTES:**
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**WILSON & COMPANY**

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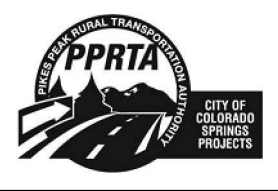
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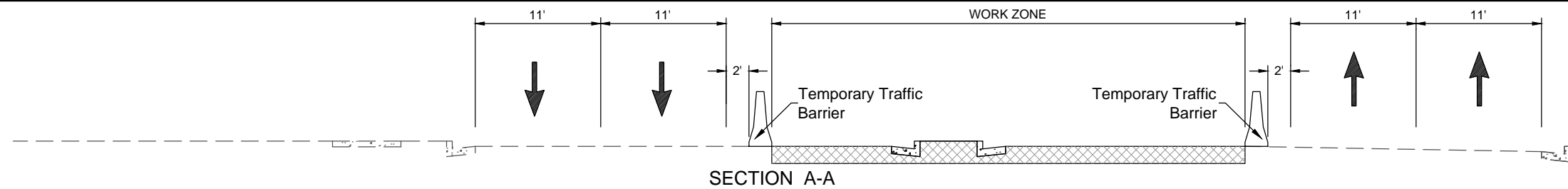
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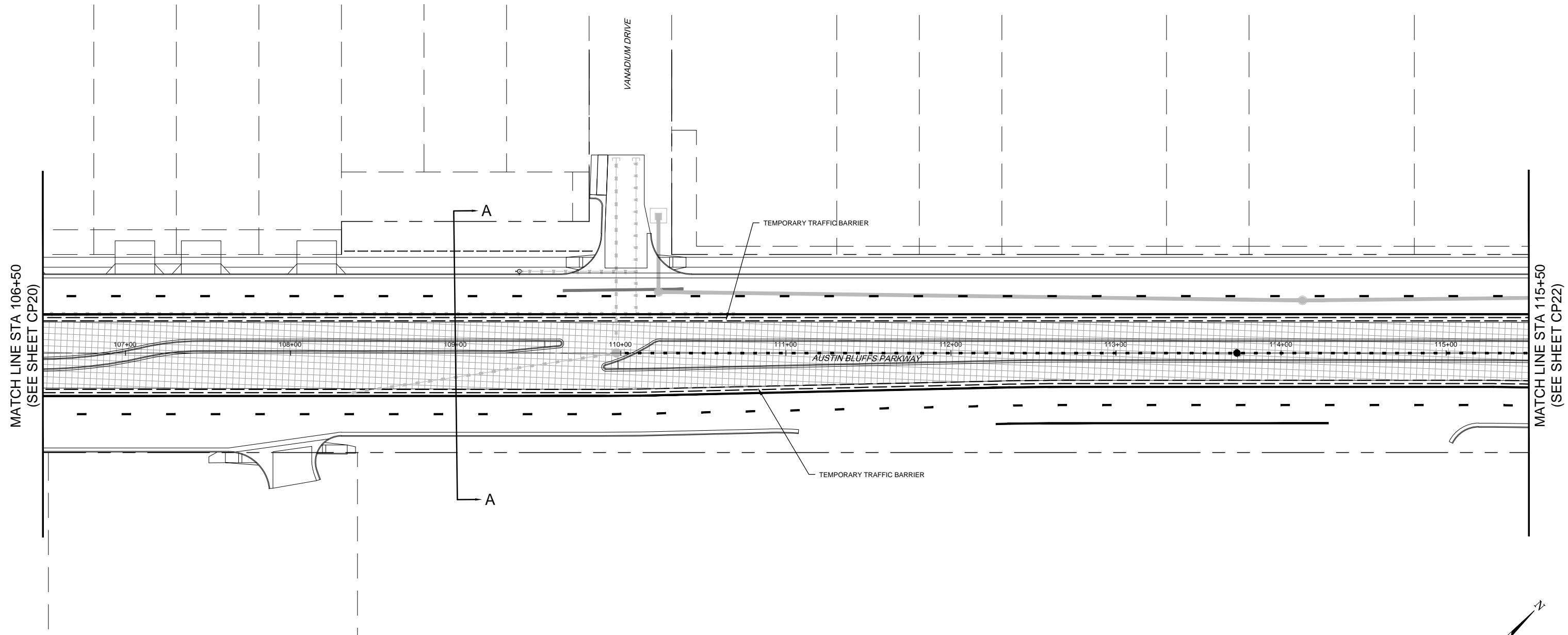
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN PHASE 4		
Subset: CP PHASE 4	Subset Sheets: CP20 of CP25	Sheet No: 692



SECTION A-A



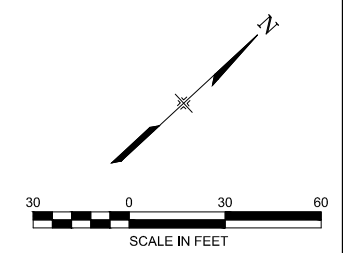
MATCH LINE STA 106+50  
(SEE SHEET CP20)

MATCH LINE STA 115+50  
(SEE SHEET CP22)

**LEGEND**

	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY TRAFFIC BARRIER
	DRUM CHANNELIZING DEVICES

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No.	Description	Date

**STATEMENT:**

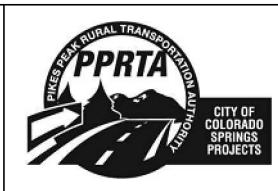
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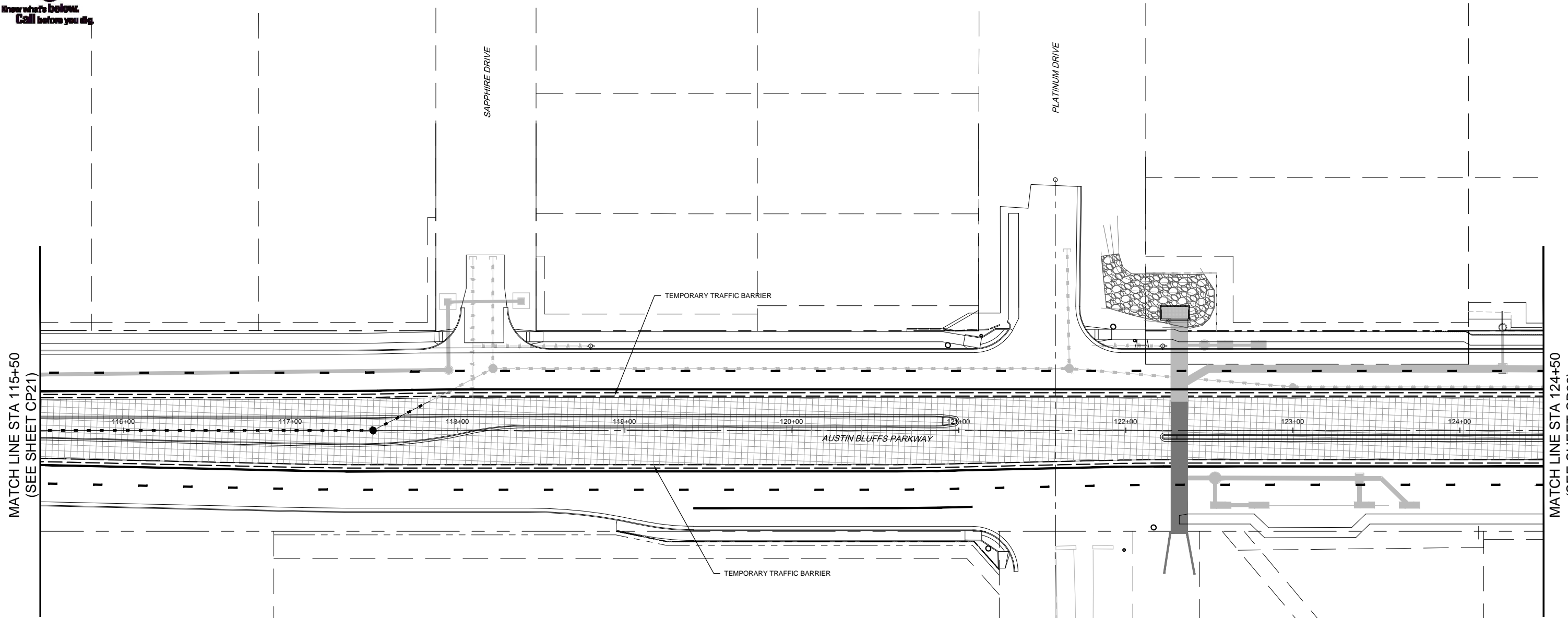
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AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 4		
Subset: CP PHASE 4	Subset Sheets: CP21 of CP25	Sheet No: 693







Know what's below.  
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MATCH LINE STA 115+50  
(SEE SHEET CP21)

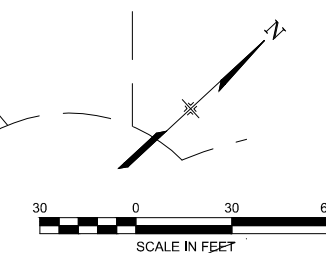
MATCH LINE STA 124+50  
(SEE SHEET CP23)

**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC BARRIER
-  DRUM CHANNELIZING DEVICES

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No.	Description	Date

**STATEMENT:**

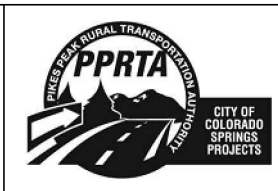
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719.575.0100

DESIGNED BY: TDS  
DRAWN BY: TDS  
CHECKED BY: MAK

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 4		
Subset: CP PHASE 4	Subset Sheets: CP22 of CP25	Sheet No: 694





Know what's below.  
Call before you dig.

MATCH LINE STA 124+50  
(SEE SHEET CP22)

MATCH LINE STA 133+50  
(SEE SHEET CP24)

TURQUOISE DRIVE



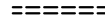

SILVER DRIVE

TEMPORARY TRAFFIC BARRIER

AUSTIN BLUFFS PARKWAY

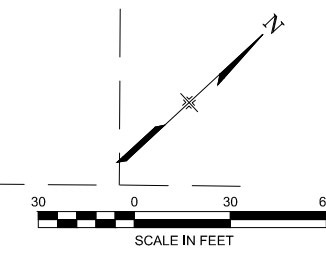
TEMPORARY TRAFFIC BARRIER

**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC BARRIER
-  DRUM CHANNELIZING DEVICES

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No.	Description	Date

**STATEMENT:**

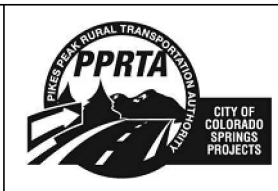
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: TDS  
DRAWN BY: TDS  
CHECKED BY: MAK

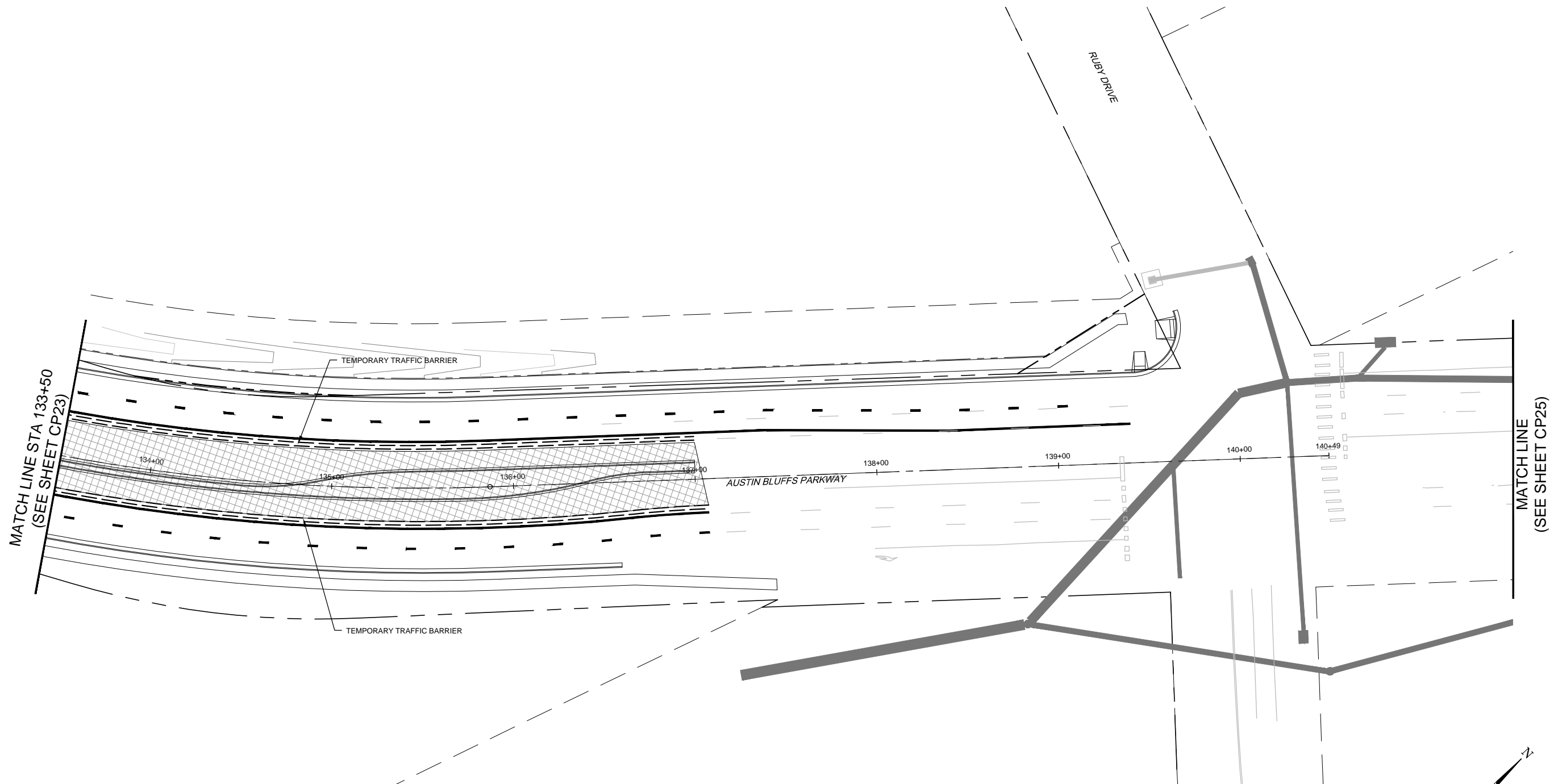
**RFP Set**





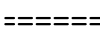
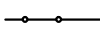
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 4		
Subset: CP PHASE 4	Subset Sheets: CP23 of CP25	Sheet No: 695



Know what's below.  
Call before you dig.

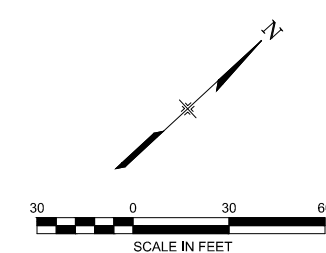


**LEGEND**

-  WORK AREA
-  TEMPORARY PAVEMENT
-  TEMPORARY TRAFFIC BARRIER
-  DRUM CHANNELIZING DEVICES

**NOTES:**

1. MAINTAIN ACCESS TO ALL ACTIVE PRIVATE DRIVES.
2. CONTRACTOR SHALL ADJUST ALL MANHOLES WITHIN THE WORK ZONE TO TEMPORARY GRADE.
3. CONTRACTOR TO REMOVE ALL LIGHT POLE BASES AND CSU TO REMOVE ALL STREET LIGHTS WITHIN THE WORK ZONE.
4. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AROUND WORK AREAS.
5. CONTRACTOR TO COORDINATE WITH COLORADO SPRINGS TRAFFIC SIGNAL INSPECTOR TO GET SIGNAL DETECTION ZONES RELOCATED.



**WILSON & COMPANY**

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11 Initials: CMC
Last Modification Date:	01/10/13 Initials: SPW
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
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Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**

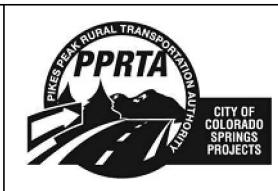
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: TDS  
DRAWN BY: TDS  
CHECKED BY: MAK

**RFP Set**

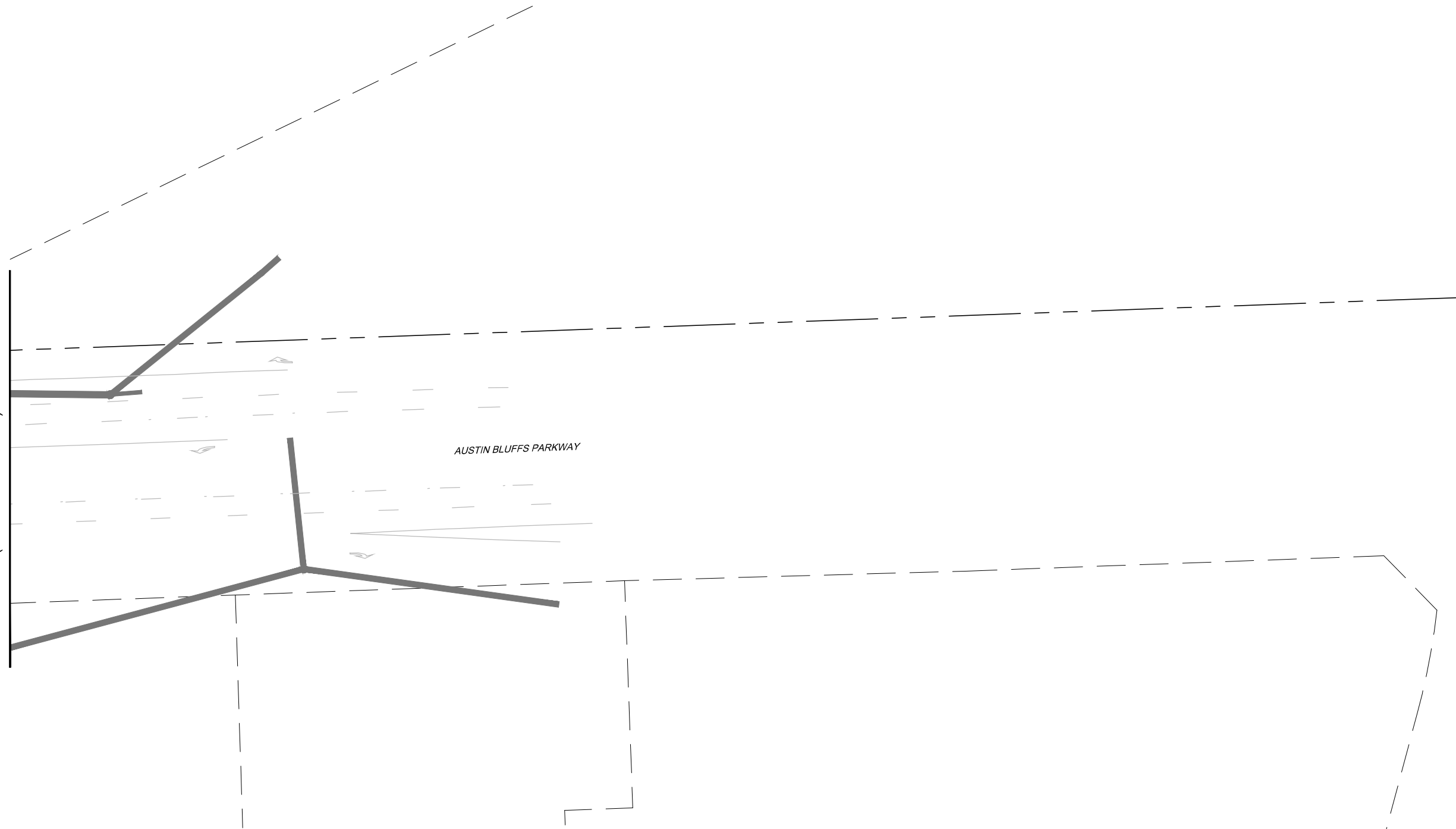


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN		
PHASE 4		
Subset: CP PHASE 4	Subset Sheets: CP24 of CP25	Sheet No: 696



Know what's below.  
Call before you dig.

MATCH LINE  
(SEE SHEET CP24)



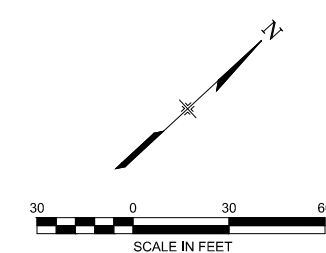
AUSTIN BLUFFS PARKWAY

**LEGEND**

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY TRAFFIC BARRIER
- DRUM CHANNELIZING DEVICES

**NOTES:**

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**WILSON & COMPANY**

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11 Initials: CMC
Last Modification Date:	01/10/13 Initials: SPW
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	TC_Plans_PH_04.dwg
Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**

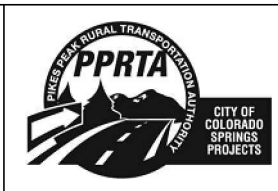
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Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: TDS  
DRAWN BY: TDS  
CHECKED BY: MAK

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CONSTRUCTION PHASING PLAN PHASE 4		
Subset: CP PHASE 4	Subset Sheets: CP25 of CP25	Sheet No: 697



POTHOLE DATA INFORMATION

SEGMENT	STATION	POTHOLE #	PURPOSE	TYPE	DIAMETER	NORTH	EAST	SURFACE ELEV	REMARKS	TOP UTILITY DEPTH (in)	BOTTOM UTILITY DEPTH (in)	TOP UTILITY DEPTH (ft)	BOTTOM UTILITY DEPTH (ft)	TOP UTILITY ELEV	BOTTOM UTILITY ELEV
3	131+22	A	CATV/FIBER OPTIC	BLCK/ORANGE CONDUIT	2x2"	55012.5510	109786.0850	6586.4960		45.0000	0.0000	3.7500	-	6582.7460	-
3	131+23	B	ELECTRIC	CONCRETE CAP	-	55015.1500	109783.9140	6586.3790		54.0000	76.0000	4.5000	6.3333	6581.8790	6580.0457
3	131+24	C	ELECTRIC	CONDUIT	2"	55023.3370	109775.8690	6585.5430		26.0000	0.0000	2.1667	-	6583.3763	-
3	131+24	D	GAS	YELLOW PLASTIC	2"	55025.5390	109773.9860	6585.6420		48.0000	0.0000	4.0000	-	6581.6420	-
3	131+24	E	WATER	SEE NOTES	-	55023.2230	109791.5720	6586.6080		108.0000	0.0000	9.0000	-	6577.6080	-
3	122+50	F	TELE (CENTLNK)	COPPER	3/4"	54439.6160	109119.7690	6553.6930		28.0000	0.0000	2.3333	-	6551.3597	-
3	122+50	G	WATER	NO LOCATE	NO LOCATE	54418.7020	109142.0700	6554.3280	NOTHING FOUND TO 10'	0.0000	0.0000	-	-	-	-
3	122+50	H	ELECTRIC	NO LOCATE	NO LOCATE	54386.9710	109177.6590	6553.4540	NOTHING FOUND TO 10'	0.0000	0.0000	-	-	-	-
3	122+48	I	ELEC-TRAFFIC	NO LOCATE	NO LOCATE	54379.2790	109183.2390	6553.8050	NOTHING FOUND TO 8'	0.0000	0.0000	-	-	-	-
3	122+48	J	CATV/FIBER OPTIC	NO LOCATE	NO LOCATE	54376.9130	109185.0560	6553.7720	NOTHING FOUND TO 7.3'	0.0000	0.0000	-	-	-	-
3	114+27	K	TELE (CENTLNK)	COPPER	3/4"	53835.2540	108561.4620	6530.9730		32.0000	0.0000	2.6667	-	6528.3063	-
3	114+27	L	TELE (CENTLNK)	COPPER	3/4"	53833.9100	108562.7990	6530.6420		38.0000	0.0000	3.1667	-	6527.4753	-
3	114+27	M	WATER	NO LOCATE	NO LOCATE	53820.2680	108577.9870	6531.2750	NOTHING FOUND TO 10'	0.0000	0.0000	-	-	-	-
3	100+07	N	FIBER OPTIC (CITY)	CONDUIT	4x1.5"	52724.9430	107671.1760	6493.6080		66.0000	70.0000	5.5000	5.8333	6488.1080	6487.7747
3	100+07	O	ELECTRIC	GRAY CONDUIT	4"	52729.1400	107667.0510	6493.4940		53.0000	0.0000	4.4167	-	6489.0773	-
3	100+08	P	ELECTRIC	CONCRETE CAP	-	52785.3360	107606.8080	6493.1480		48.0000	80.0000	4.0000	6.6667	6489.1480	6486.4813
3	100+08	Q	TELE (CENTLNK)	COPPER	3/4"	52788.5960	107603.3570	6493.0520		24.0000	0.0000	2.0000	-	6491.0520	-
3	100+08	R	FIBER OPTIC	CONDUIT	2"	52788.5960	107603.3570	6493.0520	SAME HOLE AS Q	38.0000	0.0000	3.1667	-	6489.8853	-
3	101+90	S	TELE (CENTLNK)	COPPER	2-2"	52930.5500	107701.5300			36.0000	N/R				
3	102+15	T	CATV	CABLE	1"	52948.2500	107715.7600			34.0000	N/R				
3	102+00	U	UNK	NO	LOCATE TO 6.0'	52965.7000	107732.1100								
3	111+50	V	TELE (CENTLNK)	COPPER	1"	53630.0900	108362.9000			47.0000	N/R				
3	123+75	W	ELEC	CONCRETE	CAP	54462.3900	109261.8600			68.0000	82.0000				
3	126+75	X	TELE (CENTLNK)	COPPER	1"	54739.2600	109406.0200			48.0000	N/R				
3	131+00	Y	WATER	NO	LOCATE TO 7.5'	55058.5600	109697.7600								
3	131+00	Z	STORM	CMP	36"	55058.5600	109697.7600			16.0000	N/R				
3	131+15	AA	GAS	PLASTIC	2"	55071.3100	109705.1200			49.0000	N/R				
3	131+15	BB	STORM	CMP	36"	55071.3100	109705.1200			11.0000	N/R				
3	133+25	CC	WATER	STEEL	16"	55214.7400	109865.0300			73.0000	N/R				
3	140+00	DD	WATER	STEEL	8"	55849.7100	110080.4600			64.0000	N/R				
3	126+48	EE	WATER	STEEL	10"	54720.1100	109395.9900			68.0000	N/R				
3	122+70	FF	ELEC	CONCRETE	CAP	54396.3300	109198.6800			81.0000	103.0000				
3	126+00	GG	WATER	STEEL	10"	54758.1200	109354.8600			64.0000	N/R				

NOTE:

REFER TO SANITARY SEWER AND WATERLINE IMPROVEMENT SHEETS FOR TABULATIONS OF SANITARY SEWER AND WATER IMPROVEMENTS.

NOTES:

**U (QWEST TELE):** WE HAVE HAD THIS LINE LOCATED TWICE AND WE HAVE POTHOLED TWICE WITHOUT FINDING THE LINE. THE LAST LOCATOR TOLD US HE WAS GETTING APP. DEPTHS OF 2' - 4'. WE CLEARED THE HOLE TO 6.0' - THE SOIL WAS VERY HARD AT THE 6' MARK. WE ARE STARTING TO WONDER IF THIS LINE EXISTS.

**Y (WATER):** YOUR REQUEST WAS FOR US TO DIP NEARBY VALVES, IN PARTICULAR THE ONE THAT CSU LABELLED "BLOW-OFF". WE SEARCHED BUT, DID NOT FIND ANY NEARBY VALVES AT ALL. THE VALVE CSU MARKED AS "BLOW-OFF" WAS PAINTED DIRECTLY OVER OUR POTHOLE PATCH. I BELIEVE THEY THOUGHT THERE WAS A BURIED VALVE AT THIS LOCATION SINCE THEY SEEN THE PATCH. CSU HAS STATED THAT THEY CAN NOT ELECTRONICALLY LOCATE THIS LINE.

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION		REVISIONS		STATEMENT:		<p>2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100</p> <p>DESIGNED BY: JWP DRAWN BY: JWP CHECKED BY: MRJ</p> <p><b>RFP Set</b></p>	AUSTIN BLUFFS PARKWAY		
Creation Date:	03/28/11	Initials:	JWP	No.	Description		Date	Segment 3 - Barnes Rd. to Old Farm Dr.	
Last Modification Date:	January 2013	Initials:	JWP					UTILITY PLAN	
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\						POTHOLE DATA TABLE		
Drawing File Name:	EUT01-07.dwg						Subset: EUT		
Acad Ver.	2012	Scale:	AS SHOWN					Subset Sheets: EUT01 of EUT08	
							Sheet No: 698		



Know what's below. Call before you dig.

ABBREVIATIONS:

Table of abbreviations including ABAND, APPROX, AV, CENTLNK, CONC, CSU, DIP, ELEC, EX, EXIST, FES, FO, HYD, IRRIG, MH, OH, PED, PROP, RCP, ROW, SAN, SDWK, TELE, UCCS, UE, UNKN, UTIL.

UTILITY RELOCATION & ADJUSTMENT TABLE

Main utility relocation table with columns: #, Approximate Station, Ex Utility, Prop Feature, Type of Conflict, Resolution, Comment. Contains 69 rows of data.

NOTES:

- 1. SIGNING AND STRIPING REMOVALS ARE SHOWN ON SIGNING AND STRIPING PLANS.
2. FOR SIGNAL REMOVALS SEE SIGNAL PLANS.
3. FOR STORM REMOVALS SEE STORM PLANS

NOTE:

ALL UTILITIES ARE SHOWN BASED ON BEST AVAILABLE INFORMATION, CONTRACTOR RESPONSIBLE TO VERIFY ALL LOCATIONS AND ELEVATIONS.

CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY IF A DISCREPANCY IS FOUND BETWEEN FIELD LOCATES AND THE DRAWINGS.

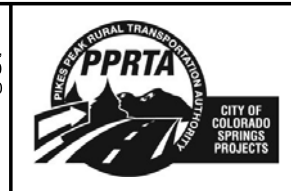
PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION table with fields: Creation Date, Last Modification Date, Full Path, Drawing File Name, Acad Ver, Scale.

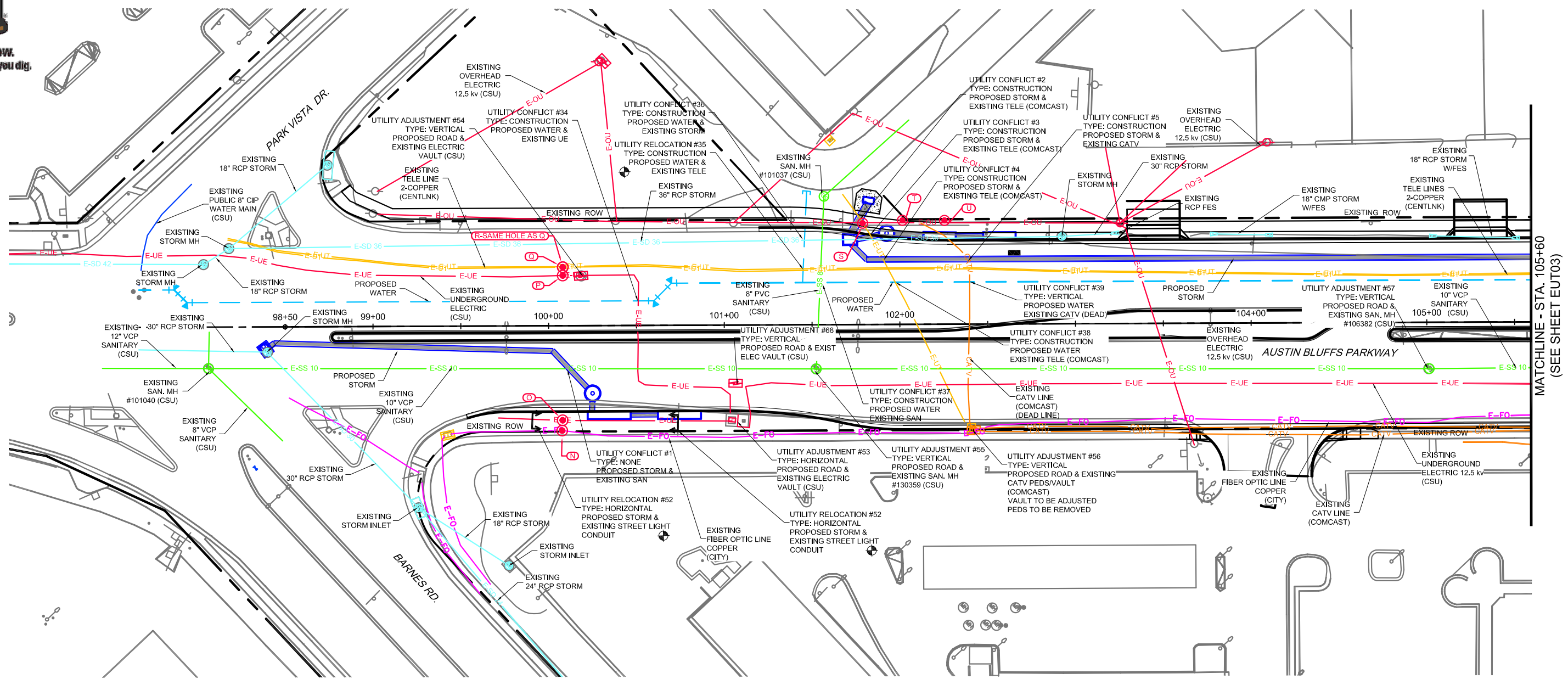
REVISIONS table with columns: No., Description, Date.

STATEMENT: THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

Matrix DESIGN GROUP logo and contact information: 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920, 719.575.0100. Includes 'RFP Set' stamp.



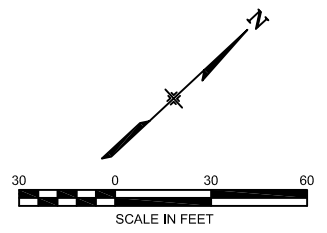
AUSTIN BLUFFS PARKWAY Segment 3 - Barnes Rd. to Old Farm Dr. UTILITY PLAN UTILITY CONFLICT DATA TABLE. Subset: EUT, Subset Sheets: EUT02 of EUT08, Sheet No: 699



MATCHLINE - STA. 105+60  
(SEE SHEET EUT03)

**LEGEND**

- |             |                               |   |   |   |                               |
|-------------|-------------------------------|---|---|---|-------------------------------|
| ---         | RIGHT OF WAY                  | ↕ | A UTILITY FROM ONE SPECIFIC LOCATION TO ANOTHER | Ⓜ | EXISTING FIBER OPTIC PEDESTAL |
| —E-UE—      | EXISTING UNDERGROUND ELECTRIC | ⊕ | EXISTING UTILITY TO BE RELOCATED                | Ⓜ | EXISTING SANITARY MANHOLE     |
| —E-OE—      | EXISTING OVERHEAD ELECTRIC    | ⊗ | CAUTION - PROPOSED WALL CROSSING UTILITY        | Ⓜ | EXISTING STORM MANHOLE        |
| —E-SD 18    | EXISTING STORM DRAIN          | ⊕ | EXISTING POWER POLE                             | Ⓜ | EXISTING WATER MANHOLE        |
| —E-UT—      | EXISTING TELEPHONE            | ⊕ | EXISTING GUY WIRE                               | Ⓜ | EXISTING IRRIGATION VALVE     |
| —E-G—       | EXISTING GAS                  | ⊕ | EXISTING FIRE HYDRANT                           | Ⓜ | EXISTING CABLE TV PEDESTAL    |
| —E-FO— E-FO | EXISTING FIBER OPTIC          | ⊕ | POTHOLE   | Ⓜ | EXISTING TRAFFIC CONTROL BOX  |
| —E-W—       | EXISTING WATER                | ⊕ | EXISTING WATER VALVE                            | Ⓜ | EXISTING ELECTRIC PEDESTAL    |
| —E-SS 8     | EXISTING SANITARY             | ⊕ | EXISTING WATER METER                            | Ⓜ | EXISTING ELECTRIC METER/VULT  |
| —CATV—      | EXISTING CABLE TV             | ⊕ | EXISTING STORM DRAIN/INLET                      | Ⓜ | PROPOSED STORM                |
| Ⓜ           | EXISTING TELEPHONE PEDESTAL   | ⊕ | EXISTING SIGN                                   |   |                               |
| Ⓜ           | EXISTING TELEPHONE PEDESTAL   | ⊕ | EXISTING STREET LIGHT                           |   |                               |
| Ⓜ           | EXISTING TRAFFIC SIGNAL LIGHT |   |   |   |                               |
| ---         | PROPOSED WATER MAIN           |   |   |   |                               |
| ---         | PROPOSED SANITARY MAIN        |   |   |   |                               |



**NOTE:**  
ALL UTILITIES ARE SHOWN BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR RESPONSIBLE TO VERIFY ALL LOCATIONS AND ELEVATIONS.  
CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY IF A DISCREPANCY IS FOUND BETWEEN FIELD LOCATES AND THE DRAWINGS.

**NOTES:**  
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2. FOR SIGNAL REMOVALS SEE SIGNAL PLANS.  
3. FOR STORM REMOVALS SEE STORM PLANS

COMPUTER FILE INFORMATION	
Creation Date:	03/28/11 Initials: JWP
Last Modification Date:	January 2013 Initials: JWP
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\
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Acad Ver.	2012 Scale: AS SHOWN

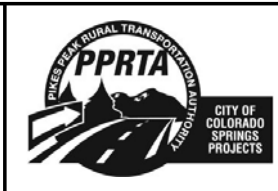
REVISIONS		
No.	Description	Date

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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: JWP  
DRAWN BY: JWP  
CHECKED BY: MRJ

**RFP Set**

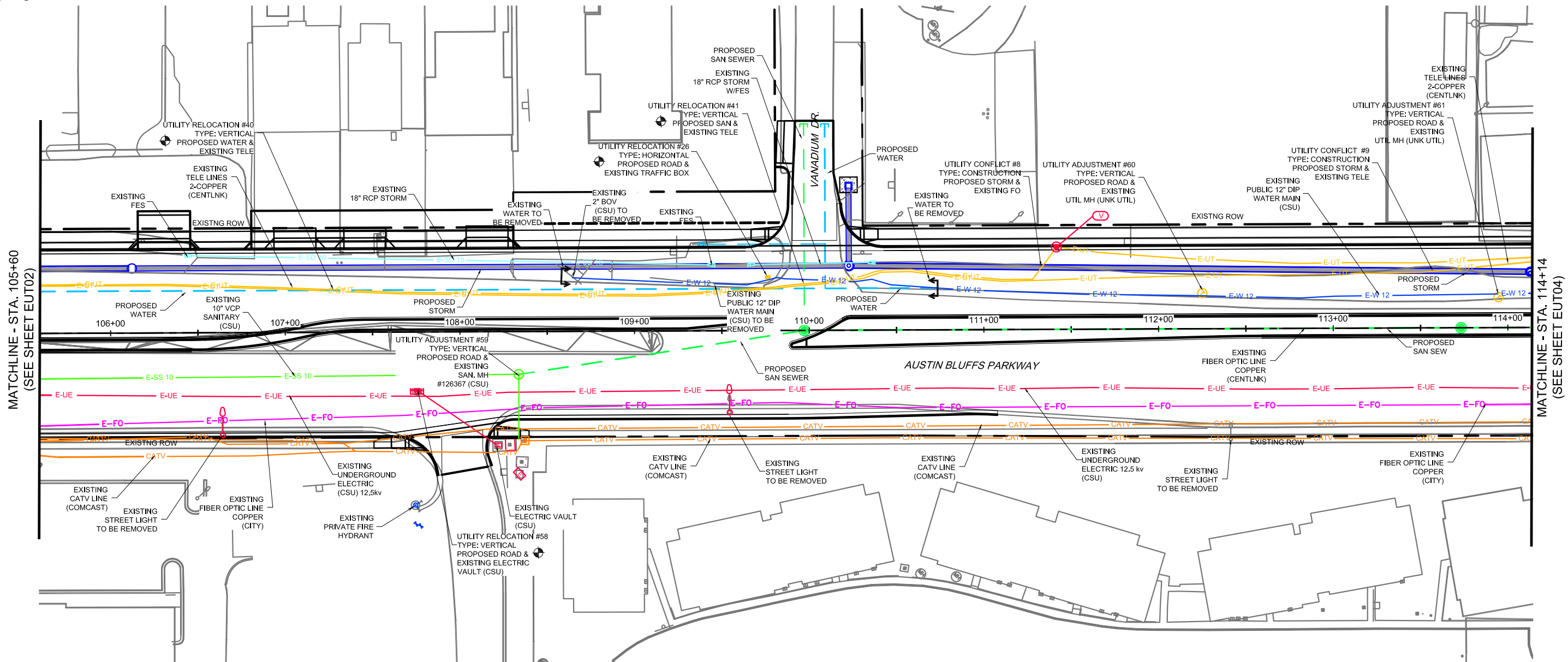


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
UTILITY PLAN		
STA. 98+50 TO STA. 105+50		
Subset:	EUT	Subset Sheets: EUT03 of EUT08 Sheet No: 700

PLOT DATE: 1/16/2013



Know what's below. Call before you dig.



**LEGEND**

- RIGHT OF WAY
- EXISTING UNDERGROUND ELECTRIC
- EXISTING OVERHEAD ELECTRIC
- EXISTING STORM DRAIN
- EXISTING TELEPHONE
- EXISTING GAS
- EXISTING FIBER OPTIC
- EXISTING WATER
- EXISTING SANITARY
- EXISTING CABLE TV
- EXISTING TELEPHONE PEDESTAL
- EXISTING TRAFFIC SIGNAL LIGHT
- PROPOSED WATER MAIN
- PROPOSED SANITARY MAIN
- A UTILITY FROM ONE SPECIFIC LOCATION TO ANOTHER
- EXISTING UTILITY TO BE RELOCATED
- CAUTION - PROPOSED WALL CROSSING UTILITY
- EXISTING POWER POLE
- EXISTING GUY WIRE
- EXISTING FIRE HYDRANT
- POTHOLE
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING STORM DRAIN/INLET
- EXISTING SIGN
- EXISTING STREET LIGHT
- EXISTING FIBER OPTIC PEDESTAL
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING WATER MANHOLE
- EXISTING IRRIGATION VALVE
- EXISTING CABLE TV PEDESTAL
- EXISTING TRAFFIC CONTROL BOX
- EXISTING ELECTRIC PEDESTAL
- EXISTING ELECTRIC METER/VAULT
- PROPOSED STORM

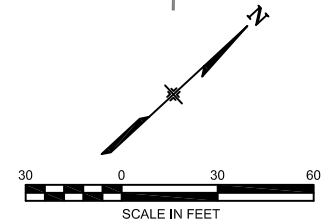
**NOTES:**

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PLOT DATE: 11/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	03/28/11 Initials: JWP
Last Modification Date:	January 2013 Initials: JWP
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\
Drawing File Name:	EUT01-07.dwg
Acad Ver.	2012 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**

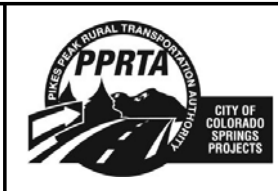
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Colorado Springs, CO 80920  
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DESIGNED BY: JWP  
DRAWN BY: JWP  
CHECKED BY: MRJ

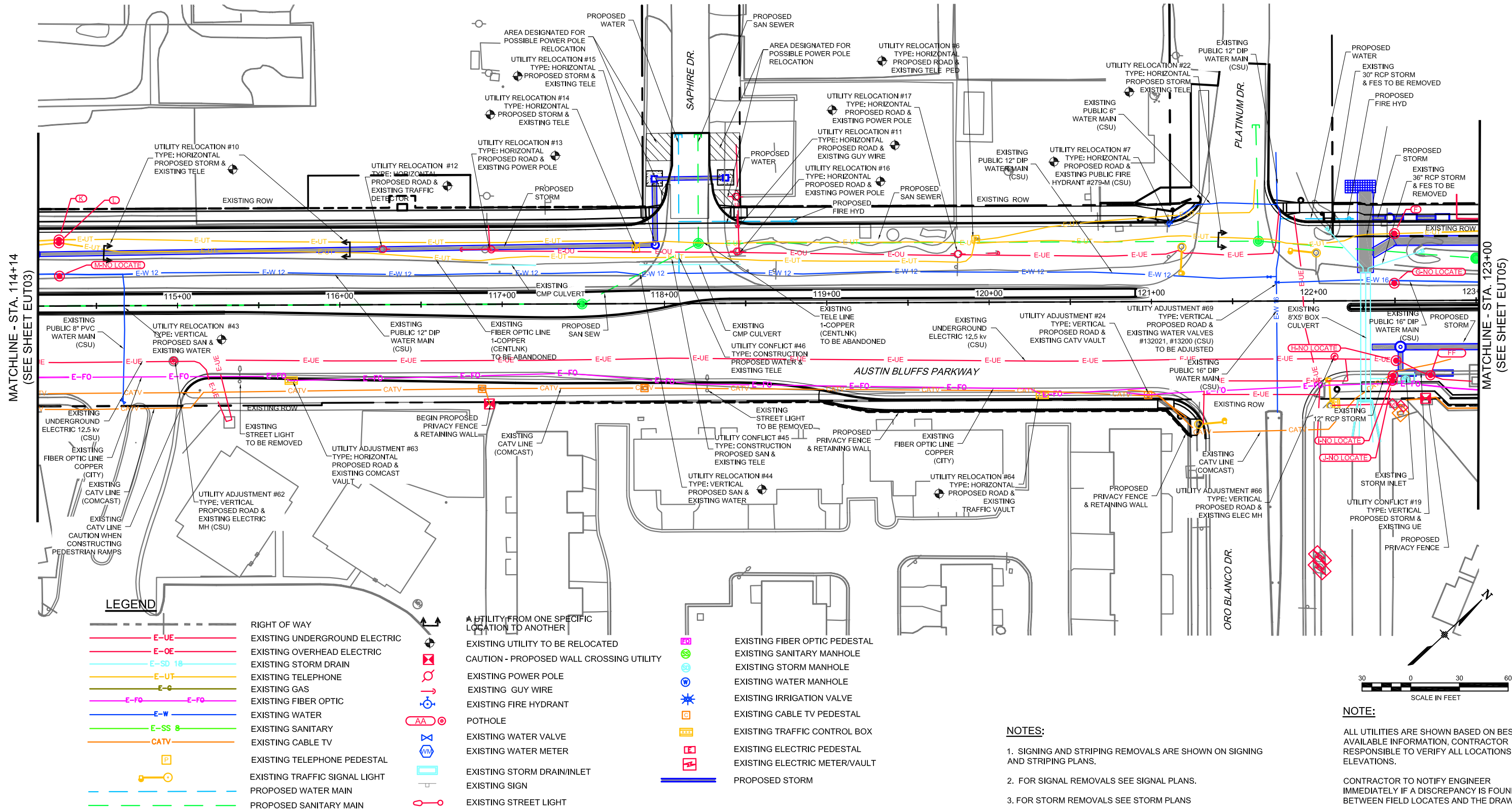
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
UTILITY PLAN		
STA .105+50 TO STA. 114+00		
Subset:	EUT	Subset Sheets: EUT04 of EUT08 Sheet No: 701



Know what's below.  
Call before you dig.



**LEGEND**

- RIGHT OF WAY
- E-UE EXISTING UNDERGROUND ELECTRIC
- E-OE EXISTING OVERHEAD ELECTRIC
- E-SD 18 EXISTING STORM DRAIN
- E-UT EXISTING TELEPHONE
- E-G EXISTING GAS
- E-FO EXISTING FIBER OPTIC
- E-W EXISTING WATER
- E-SS 8 EXISTING SANITARY
- CATV EXISTING CABLE TV
- EXISTING TELEPHONE PEDESTAL
- EXISTING TRAFFIC SIGNAL LIGHT
- PROPOSED WATER MAIN
- PROPOSED SANITARY MAIN
- UTILITY FROM ONE SPECIFIC LOCATION TO ANOTHER
- EXISTING UTILITY TO BE RELOCATED
- CAUTION - PROPOSED WALL CROSSING UTILITY
- EXISTING POWER POLE
- EXISTING GUY WIRE
- EXISTING FIRE HYDRANT
- POT HOLE
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING STORM DRAIN/INLET
- EXISTING SIGN
- EXISTING STREET LIGHT
- EXISTING FIBER OPTIC PEDESTAL
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING WATER MANHOLE
- EXISTING IRRIGATION VALVE
- EXISTING CABLE TV PEDESTAL
- EXISTING TRAFFIC CONTROL BOX
- EXISTING ELECTRIC PEDESTAL
- EXISTING ELECTRIC METER/VAULT
- PROPOSED STORM

**NOTES:**

1. SIGNING AND STRIPING REMOVALS ARE SHOWN ON SIGNING AND STRIPING PLANS.
2. FOR SIGNAL REMOVALS SEE SIGNAL PLANS.
3. FOR STORM REMOVALS SEE STORM PLANS

**NOTE:**

ALL UTILITIES ARE SHOWN BASED ON BEST AVAILABLE INFORMATION, CONTRACTOR RESPONSIBLE TO VERIFY ALL LOCATIONS AND ELEVATIONS.

CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY IF A DISCREPANCY IS FOUND BETWEEN FIELD LOCATES AND THE DRAWINGS.



COMPUTER FILE INFORMATION	
Creation Date:	03/28/11 Initials: JWP
Last Modification Date:	January 2013 Initials: JWP
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\
Drawing File Name:	EUT01-07.dwg
Acad Ver.	2012 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**

THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: JWP  
DRAWN BY: JWP  
CHECKED BY: MRJ

**RFP Set**



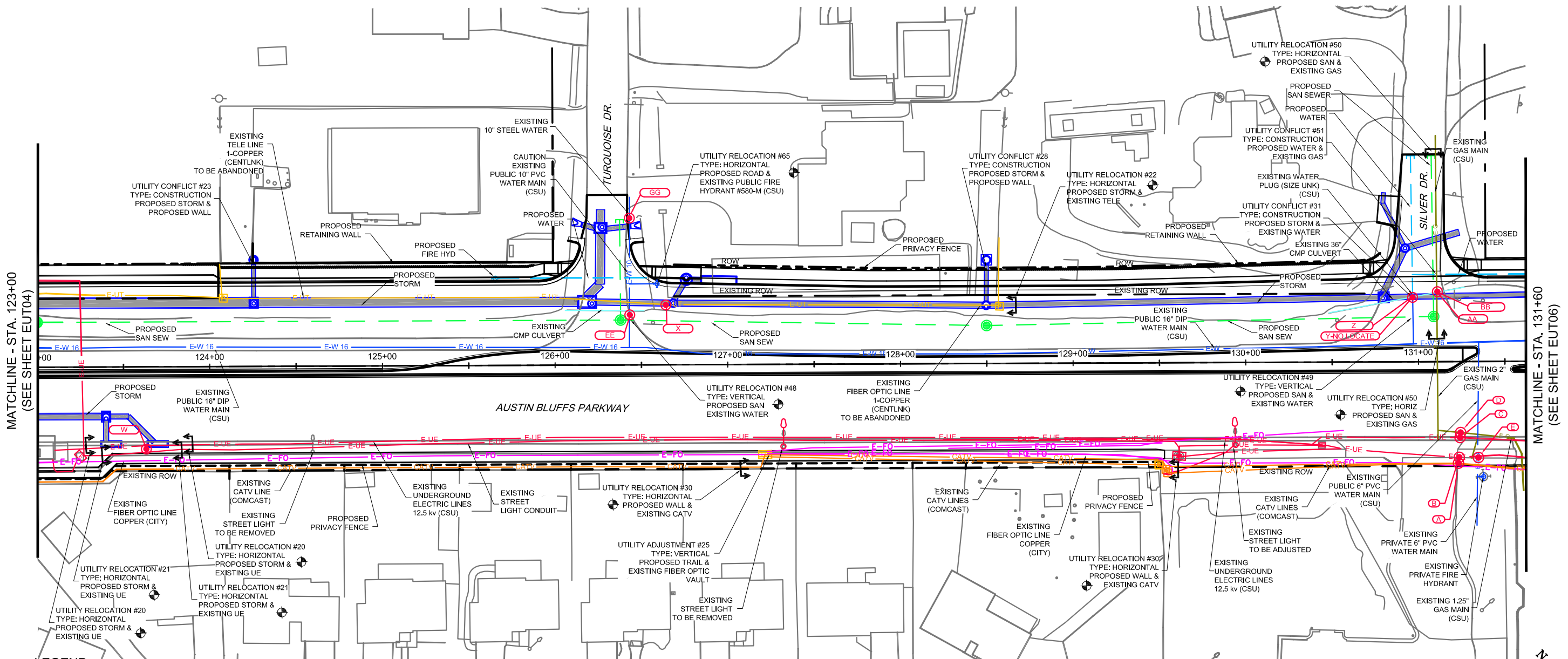
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
UTILITY PLAN		
STA.114+00 TO STA. 123+00		
Subset:	EUT	Subset Sheets: EUT05 of EUT08 Sheet No: 702

PLOT DATE: 1/16/2013





Know what's below.  
Call before you dig.



**LEGEND**

- RIGHT OF WAY
  - E-UE EXISTING UNDERGROUND ELECTRIC
  - E-OE EXISTING OVERHEAD ELECTRIC
  - E-SD 18" EXISTING STORM DRAIN
  - E-UT EXISTING TELEPHONE
  - E-G EXISTING GAS
  - E-FO EXISTING FIBER OPTIC
  - E-W EXISTING WATER
  - E-SS EXISTING SANITARY
  - CATV EXISTING CABLE TV
  - EXISTING TELEPHONE PEDESTAL
  - EXISTING TRAFFIC SIGNAL LIGHT
  - PROPOSED WATER MAIN
  - PROPOSED SANITARY MAIN
- ↕ A UTILITY FROM ONE SPECIFIC LOCATION TO ANOTHER
  - ⊕ EXISTING UTILITY TO BE RELOCATED
  - ⊗ CAUTION - PROPOSED WALL CROSSING UTILITY
  - ⊙ EXISTING POWER POLE
  - ⊙ EXISTING GUY WIRE
  - ⊙ EXISTING FIRE HYDRANT
  - ⊙ POTHOLE
  - ⊙ EXISTING WATER VALVE
  - ⊙ EXISTING WATER METER
  - ⊙ EXISTING STORM DRAIN/INLET
  - ⊙ EXISTING SIGN
  - ⊙ EXISTING STREET LIGHT
- ⊙ EXISTING FIBER OPTIC PEDESTAL
  - ⊙ EXISTING SANITARY MANHOLE
  - ⊙ EXISTING STORM MANHOLE
  - ⊙ EXISTING WATER MANHOLE
  - ⊙ EXISTING IRRIGATION VALVE
  - ⊙ EXISTING CABLE TV PEDESTAL
  - ⊙ EXISTING TRAFFIC CONTROL BOX
  - ⊙ EXISTING ELECTRIC PEDESTAL
  - ⊙ EXISTING ELECTRIC METER/VAULT
  - PROPOSED STORM

**NOTES:**

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- FOR SIGNAL REMOVALS SEE SIGNAL PLANS.
- FOR STORM REMOVALS SEE STORM PLANS

**NOTE:**

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Creation Date:	03/28/11	Initials:	JWP
Last Modification Date:	January 2013	Initials:	JWP
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\		
Drawing File Name:	EUT01-07.dwg		
Acad Ver.	2012	Scale:	AS SHOWN

**REVISIONS**

No.	Description	Date

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2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

**RFP Set**

DESIGNED BY: JWP  
DRAWN BY: JWP  
CHECKED BY: MRJ

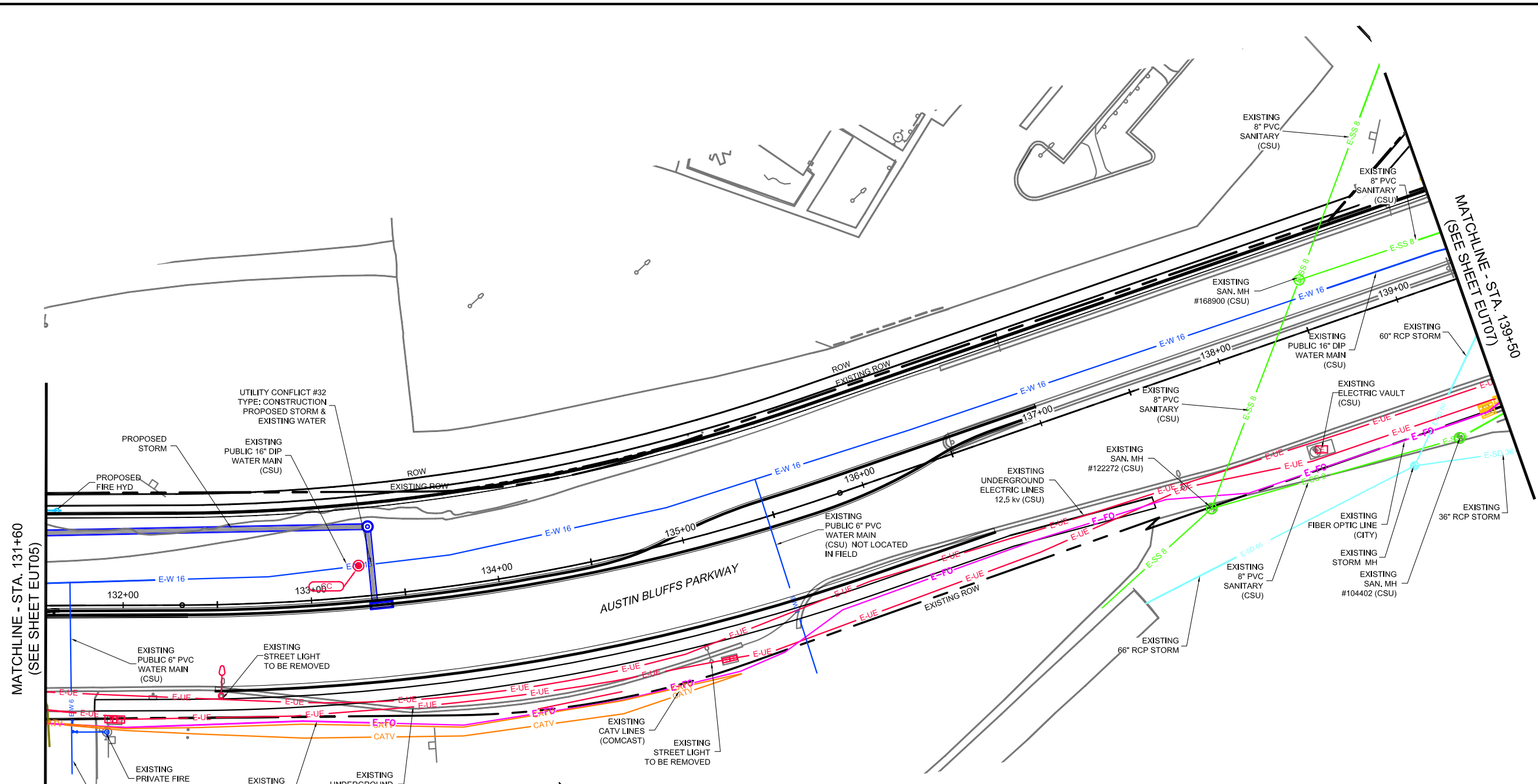


<b>AUSTIN BLUFFS PARKWAY</b>		
Segment 3 - Barnes Rd. to Old Farm Dr.		
UTILITY PLAN		
STA. 123+00 TO STA. 131+50		
Subset:	EUT	Subset Sheets: EUT06 of EUT08
Sheet No:	703	

PLOT DATE: 1/16/2013



Know what's below. Call before you dig.



MATCHLINE - STA. 131+60 (SEE SHEET EUT05)

MATCHLINE - STA. 139+50 (SEE SHEET EUT07)

AUSTIN BLUFFS PARKWAY

UTILITY CONFLICT #32 TYPE: CONSTRUCTION PROPOSED STORM & EXISTING WATER

PROPOSED STORM  
PROPOSED FIRE HYD

EXISTING PUBLIC 16" DIP WATER MAIN (CSU)

EXISTING PUBLIC 6" PVC WATER MAIN (CSU)

EXISTING STREET LIGHT TO BE REMOVED

EXISTING PRIVATE FIRE HYDRANT

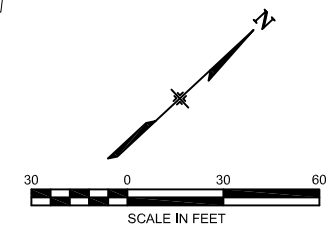
EXISTING PRIVATE 6" PVC WATER MAIN

EXISTING FIBER OPTIC LINE (CITY)

EXISTING UNDERGROUND ELECTRIC LINES 12.5 kv (CSU)

EXISTING CATV LINES (COMCAST)

EXISTING STREET LIGHT TO BE REMOVED



NOTE:

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NOTES:

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2. FOR SIGNAL REMOVALS SEE SIGNAL PLANS.
3. FOR STORM REMOVALS SEE REMOVAL PLANS

LEGEND

- RIGHT OF WAY
EXISTING UNDERGROUND ELECTRIC
EXISTING OVERHEAD ELECTRIC
EXISTING STORM DRAIN
EXISTING TELEPHONE
EXISTING GAS
EXISTING FIBER OPTIC
EXISTING WATER
EXISTING SANITARY
EXISTING CABLE TV
EXISTING TELEPHONE PEDESTAL
EXISTING TRAFFIC SIGNAL LIGHT
PROPOSED WATER MAIN
PROPOSED SANITARY MAIN
A UTILITY FROM ONE SPECIFIC LOCATION TO ANOTHER
EXISTING UTILITY TO BE RELOCATED
CAUTION - PROPOSED WALL CROSSING UTILITY
EXISTING POWER POLE
EXISTING GUY WIRE
EXISTING FIRE HYDRANT
POTHOLE
EXISTING WATER VALVE
EXISTING WATER METER
EXISTING STORM DRAIN/INLET
EXISTING SIGN
EXISTING STREET LIGHT
EXISTING FIBER OPTIC PEDESTAL
EXISTING SANITARY MANHOLE
EXISTING STORM MANHOLE
EXISTING WATER MANHOLE
EXISTING IRRIGATION VALVE
EXISTING CABLE TV PEDESTAL
EXISTING TRAFFIC CONTROL BOX
EXISTING ELECTRIC PEDESTAL
EXISTING ELECTRIC METER/VULT
PROPOSED STORM

Table with 2 columns: COMPUTER FILE INFORMATION and REVISIONS. Includes creation date, last modification date, and drawing file name.

Table with 3 columns: No., Description, Date. For recording revisions.

STATEMENT: THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

Matrix DESIGN GROUP logo and contact information: 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920, 719.575.0100. Includes 'RFP Set' stamp.

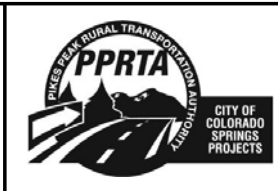
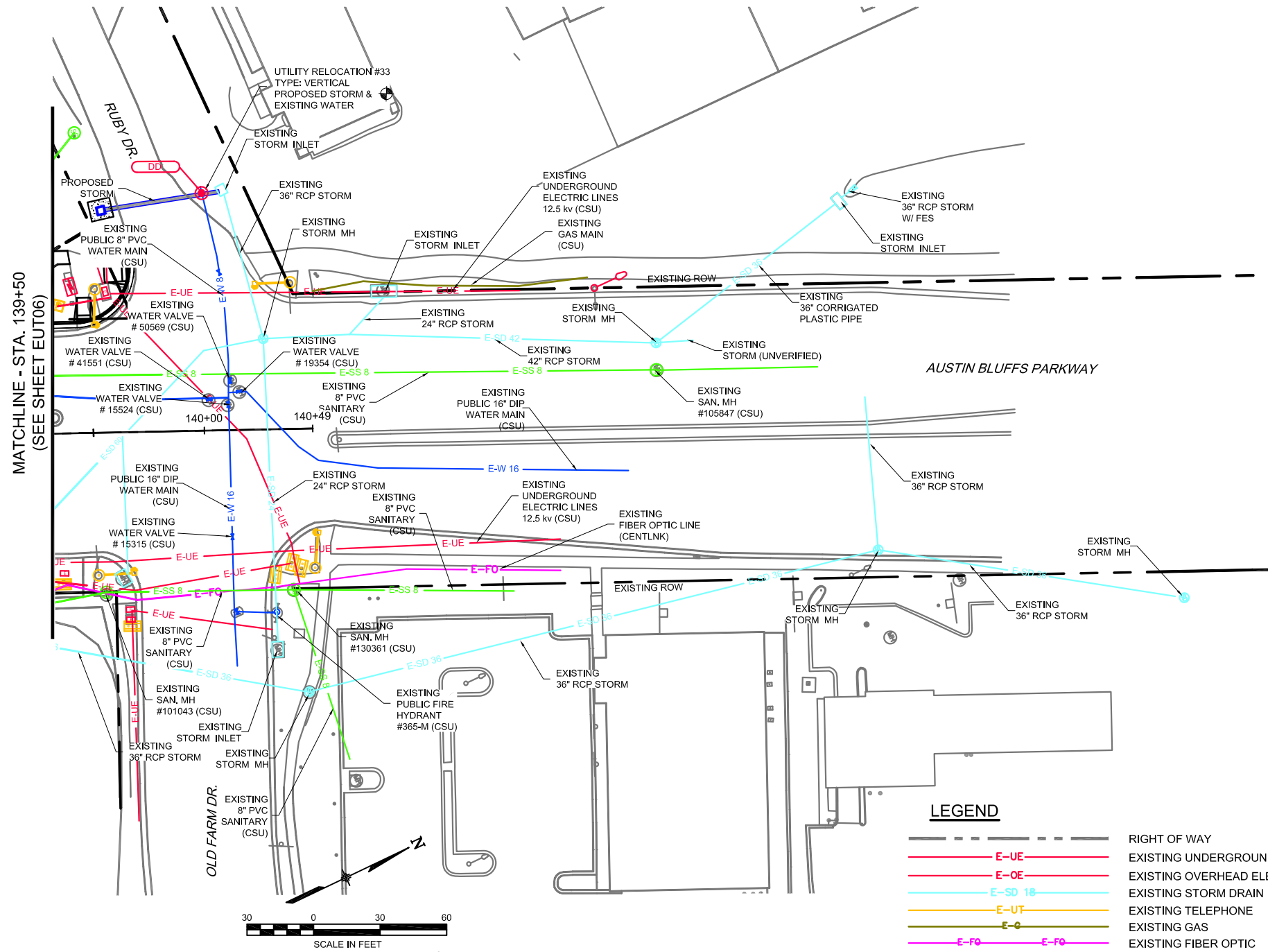


Table with project details: AUSTIN BLUFFS PARKWAY Segment 3 - Barnes Rd. to Old Farm Dr. UTILITY PLAN STA. 131+50 TO STA. 139+50. Includes subset and sheet information.

PLOT DATE: 1/16/2013



Know what's below.  
Call before you dig.



**LEGEND**

- RIGHT OF WAY
- E-UE EXISTING UNDERGROUND ELECTRIC
- E-OE EXISTING OVERHEAD ELECTRIC
- E-SD 18 EXISTING STORM DRAIN
- E-UT EXISTING TELEPHONE
- E-G EXISTING GAS
- E-FO EXISTING FIBER OPTIC
- E-W EXISTING WATER
- E-SS 8 EXISTING SANITARY
- CATV EXISTING CABLE TV
- P EXISTING TELEPHONE PEDESTAL
- EXISTING TRAFFIC SIGNAL LIGHT
- PROPOSED WATER MAIN
- PROPOSED SANITARY MAIN
- A UTILITY FROM ONE SPECIFIC LOCATION TO ANOTHER
- EXISTING UTILITY TO BE RELOCATED
- CAUTION - PROPOSED WALL CROSSING UTILITY
- EXISTING POWER POLE
- EXISTING GUY WIRE
- EXISTING FIRE HYDRANT
- EXISTING FIBER OPTIC PEDESTAL
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING WATER MANHOLE
- EXISTING IRRIGATION VALVE
- EXISTING CABLE TV PEDESTAL
- EXISTING TRAFFIC CONTROL BOX
- EXISTING ELECTRIC PEDESTAL
- EXISTING ELECTRIC METER/VULT
- PROPOSED STORM
- POT HOLE
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING STORM DRAIN/INLET
- EXISTING SIGN
- EXISTING STREET LIGHT

**NOTE:**

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**NOTES:**

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2. FOR SIGNAL REMOVALS SEE SIGNAL PLANS.
3. FOR STORM REMOVALS SEE REMOVAL PLANS

COMPUTER FILE INFORMATION	
Creation Date:	03/28/11 Initials: JWP
Last Modification Date:	January 2013 Initials: JWP
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\
Drawing File Name:	EUT01-07.dwg
Acad Ver.	2012 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**

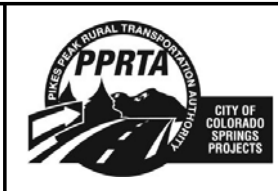
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: JWP  
DRAWN BY: JWP  
CHECKED BY: MRJ

**RFP Set**

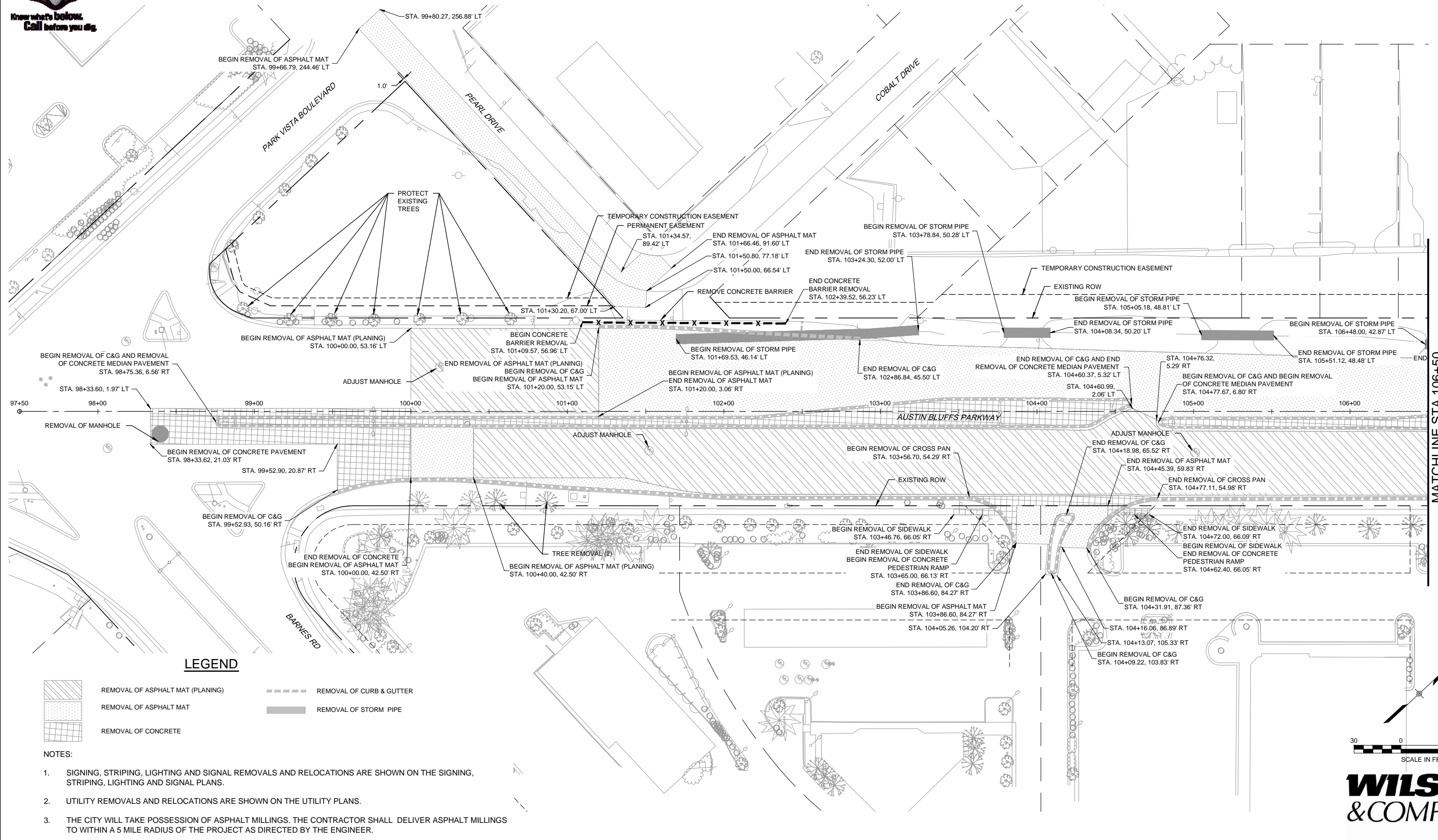


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
UTILITY PLAN		
STA. 139+50 TO STA. 140+50		
Subset:	EUT	Subset Sheets: EUT08 of EUT08 Sheet No: 705

PLOT DATE: 1/16/2013



Know what's below.  
Call before you dig.

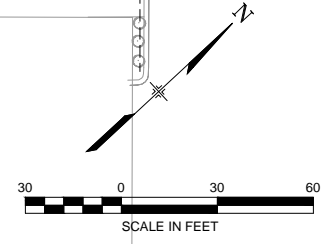


**LEGEND**

- REMOVAL OF ASPHALT MAT (PLANING)
- REMOVAL OF ASPHALT MAT
- REMOVAL OF CONCRETE
- REMOVAL OF CURB & GUTTER
- REMOVAL OF STORM PIPE

- NOTES:**
- SIGNING, STRIPING, LIGHTING AND SIGNAL REMOVALS AND RELOCATIONS ARE SHOWN ON THE SIGNING, STRIPING, LIGHTING AND SIGNAL PLANS.
  - UTILITY REMOVALS AND RELOCATIONS ARE SHOWN ON THE UTILITY PLANS.
  - THE CITY WILL TAKE POSSESSION OF ASPHALT MILLINGS. THE CONTRACTOR SHALL DELIVER ASPHALT MILLINGS TO WITHIN A 5 MILE RADIUS OF THE PROJECT AS DIRECTED BY THE ENGINEER.

MATCHLINE STA 106+50  
(SEE SHEET RM02)



**WILSON & COMPANY**

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11
Last Modification Date:	10/12/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	RM01-RM05.dwg
Acad Ver.	2011

REVISIONS		
No.	Description	Date

**STATEMENT:**

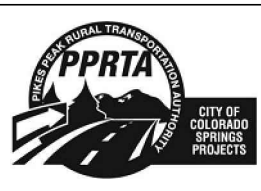
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: TDS

**RFP Set**



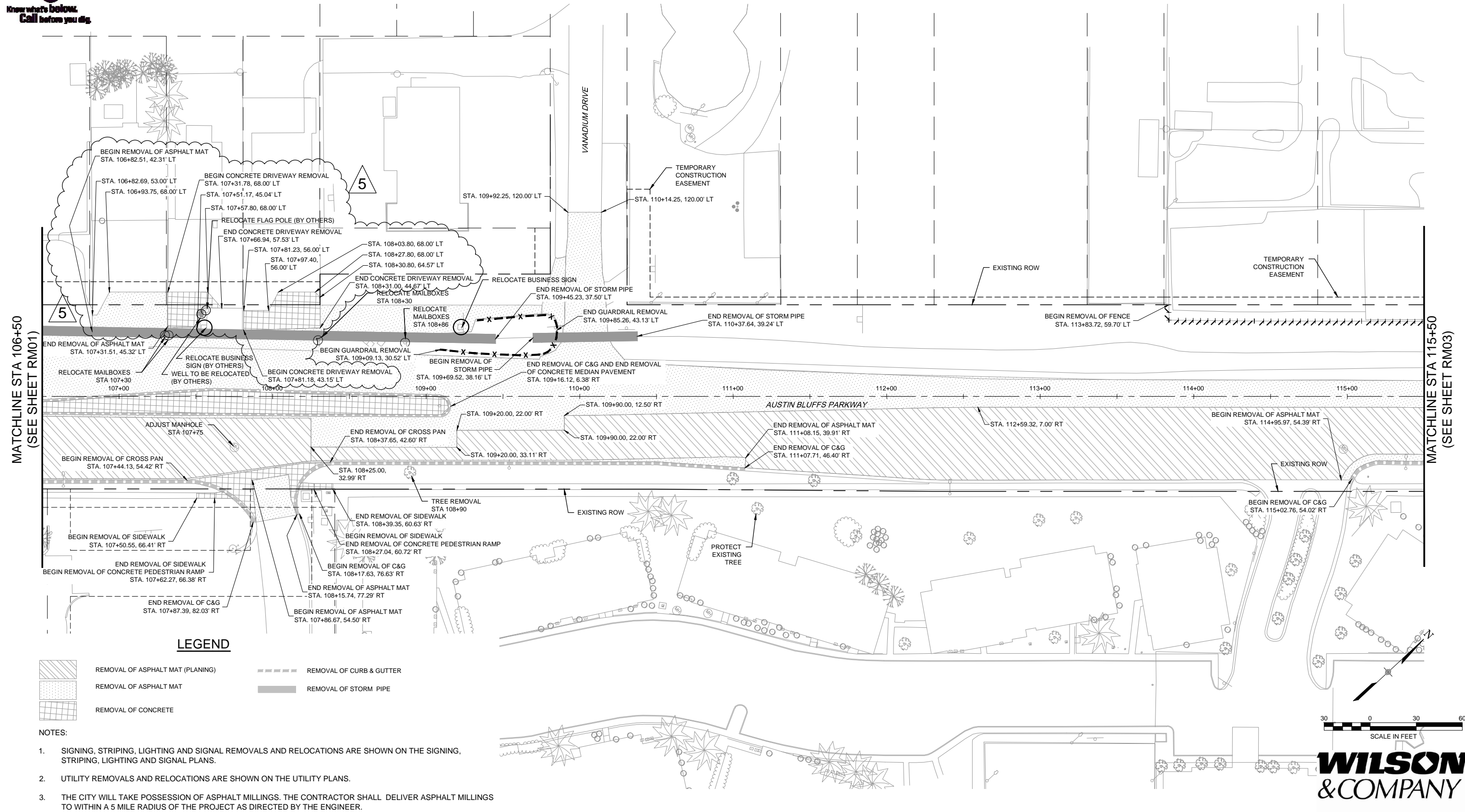
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
REMOVAL PLAN		
STA 97+50 TO STA 106+50		
Subset:	RM	Subset Sheets: RM01 of RM05
Sheet No:	706	



Know what's below.  
Call before you dig.

MATCHLINE STA 106+50  
(SEE SHEET RM01)

MATCHLINE STA 115+50  
(SEE SHEET RM03)



**LEGEND**

-  REMOVAL OF ASPHALT MAT (PLANNING)
-  REMOVAL OF ASPHALT MAT
-  REMOVAL OF CONCRETE
-  REMOVAL OF CURB & GUTTER
-  REMOVAL OF STORM PIPE

- NOTES:
- SIGNING, STRIPING, LIGHTING AND SIGNAL REMOVALS AND RELOCATIONS ARE SHOWN ON THE SIGNING, STRIPING, LIGHTING AND SIGNAL PLANS.
  - UTILITY REMOVALS AND RELOCATIONS ARE SHOWN ON THE UTILITY PLANS.
  - THE CITY WILL TAKE POSSESSION OF ASPHALT MILLINGS. THE CONTRACTOR SHALL DELIVER ASPHALT MILLINGS TO WITHIN A 5 MILE RADIUS OF THE PROJECT AS DIRECTED BY THE ENGINEER.

**COMPUTER FILE INFORMATION**

Creation Date:	04/04/11	Initials:	CMC
Last Modification Date:	10/12/12	Initials:	NAB
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\		
Drawing File Name:	RM01-RM05.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

**REVISIONS**

No.	Description	Date
5	REVISION NO. 1	04-08-13

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Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: TDS



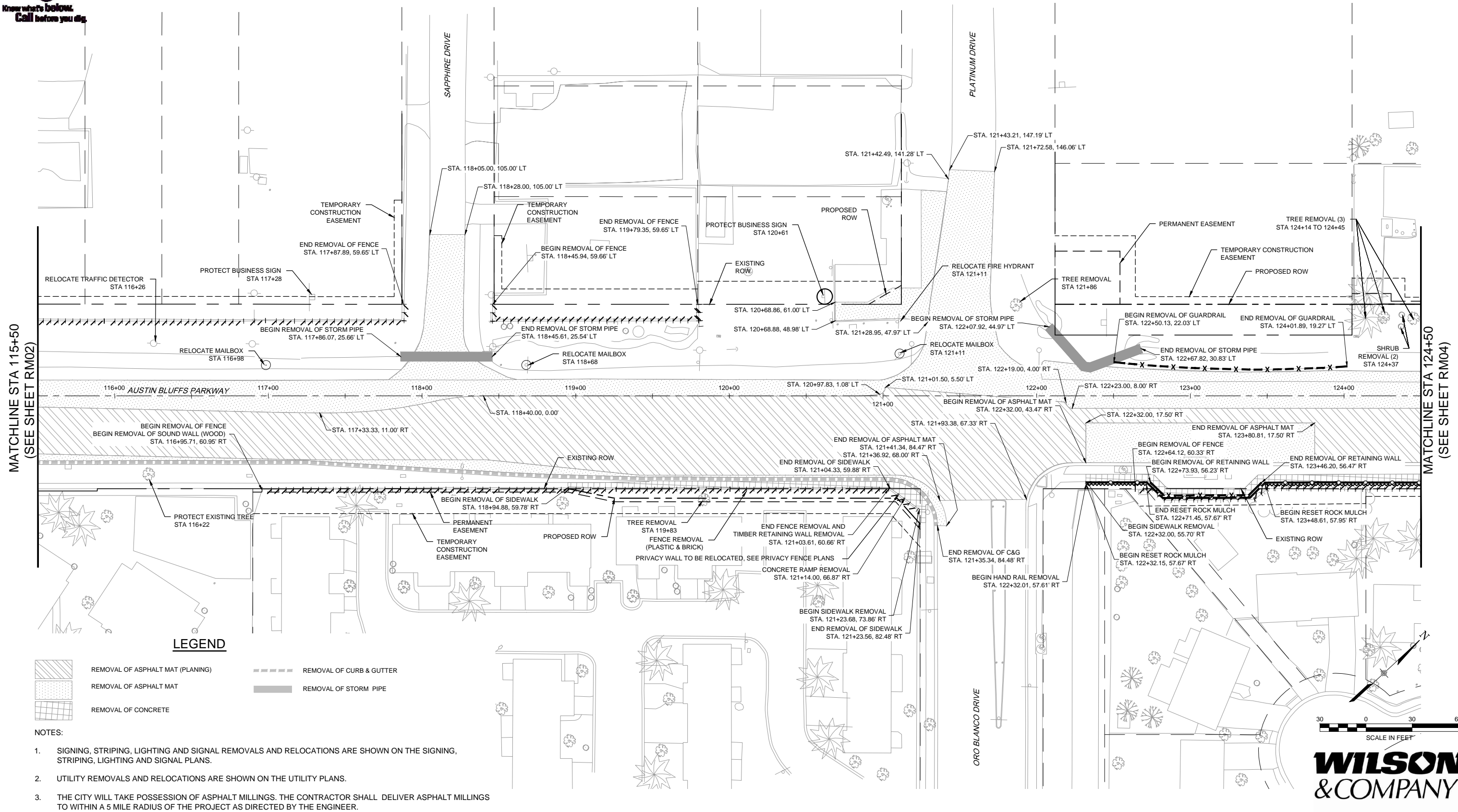
<b>AUSTIN BLUFFS PARKWAY</b>		
Segment 3 - Barnes Rd. to Old Farm Dr.		
<b>REMOVAL PLAN</b>		
STA 106+50 TO STA 115+50		
Subset:	RM	Subset Sheets: RM02 of RM05
		Sheet No: 707

PLOT DATE: 4/11/2013










Know what's below.  
Call before you dig.



MATCHLINE STA 115+50  
(SEE SHEET RM02)

MATCHLINE STA 124+50  
(SEE SHEET RM04)

**LEGEND**

-  REMOVAL OF ASPHALT MAT (PLANING)
-  REMOVAL OF ASPHALT MAT
-  REMOVAL OF CONCRETE
-  REMOVAL OF CURB & GUTTER
-  REMOVAL OF STORM PIPE

- NOTES:
- SIGNING, STRIPING, LIGHTING AND SIGNAL REMOVALS AND RELOCATIONS ARE SHOWN ON THE SIGNING, STRIPING, LIGHTING AND SIGNAL PLANS.
  - UTILITY REMOVALS AND RELOCATIONS ARE SHOWN ON THE UTILITY PLANS.
  - THE CITY WILL TAKE POSSESSION OF ASPHALT MILLINGS. THE CONTRACTOR SHALL DELIVER ASPHALT MILLINGS TO WITHIN A 5 MILE RADIUS OF THE PROJECT AS DIRECTED BY THE ENGINEER.



**WILSON & COMPANY**

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11
Last Modification Date:	10/12/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
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Acad Ver.	2011

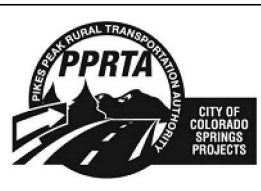
REVISIONS		
No.	Description	Date

STATEMENT:  
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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: TDS

**RFP Set**



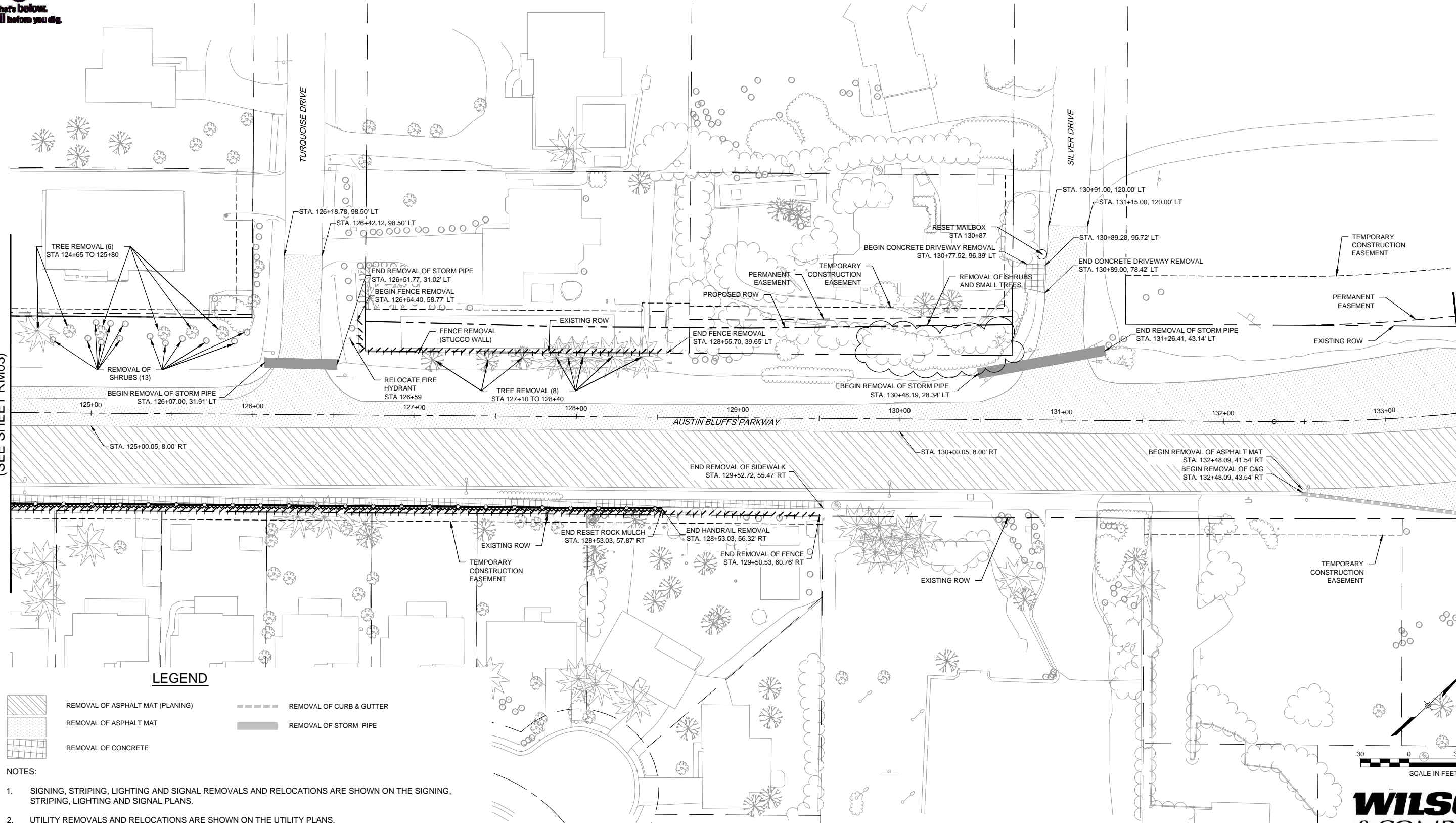
AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
REMOVAL PLAN			
STA 115+50 TO STA 124+50			
Subset:	RM	Subset Sheets:	RM03 to RM05
Sheet No:		708	



Know what's below.  
Call before you dig.

MATCHLINE STA 124+50  
(SEE SHEET RM03)

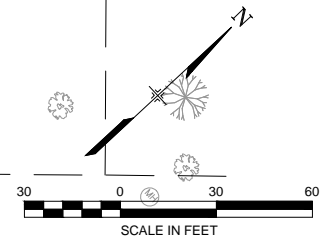
MATCHLINE STA 133+50  
(SEE SHEET RM05)



**LEGEND**

- REMOVAL OF ASPHALT MAT (PLANING)
- REMOVAL OF ASPHALT MAT
- REMOVAL OF CONCRETE
- REMOVAL OF CURB & GUTTER
- REMOVAL OF STORM PIPE

- NOTES:
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**WILSON & COMPANY**

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11
Last Modification Date:	10/12/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
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Acad Ver.	2011

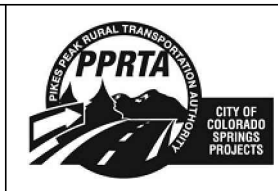
REVISIONS		
No.	Description	Date

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DESIGNED BY: NAB  
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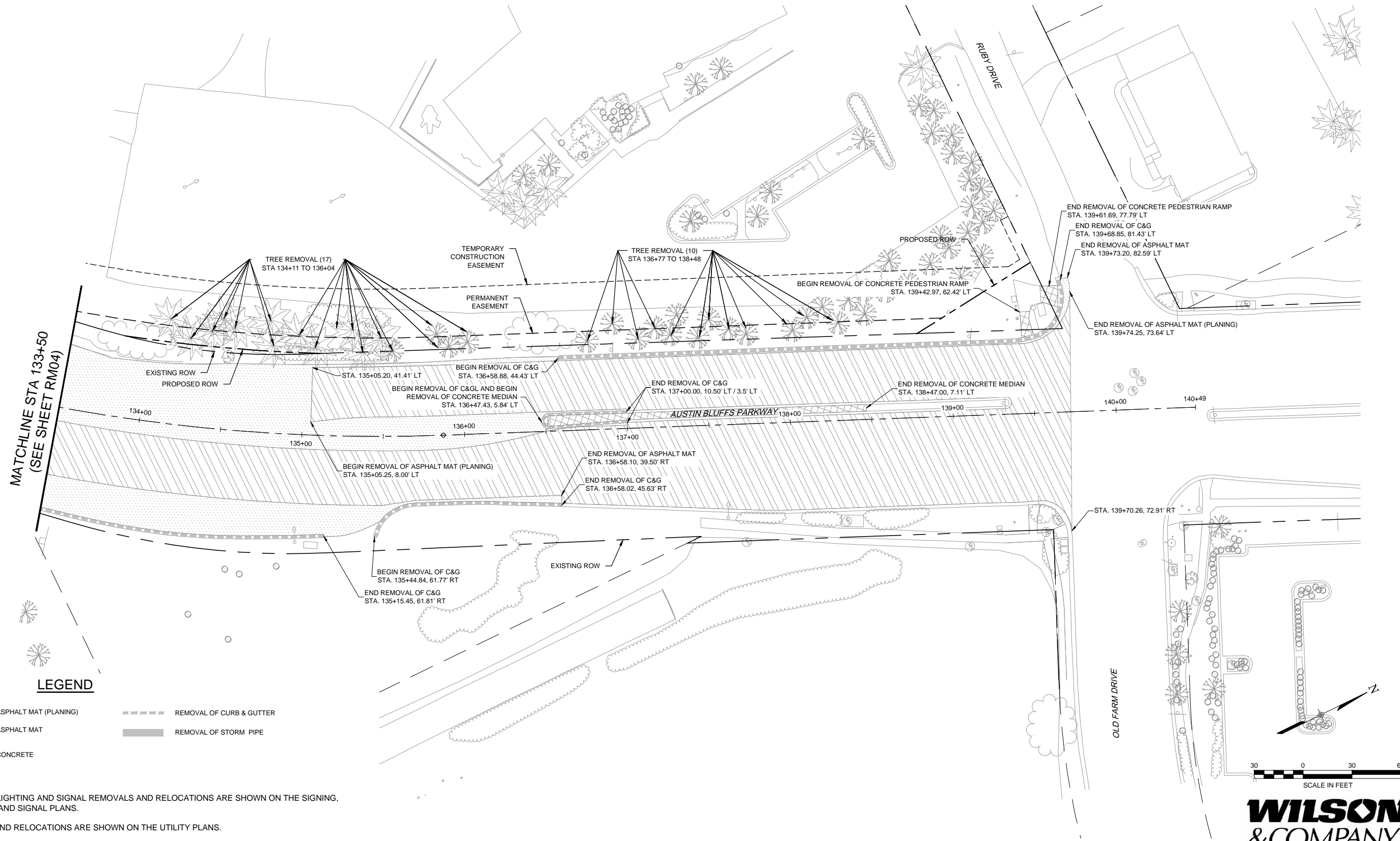
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
REMOVAL PLAN		
STA 124+50 TO STA 133+50		
Subset:	RM	Subset Sheets: RM04 of RM05
Sheet No:	709	



Know what's below.  
Call before you dig.



**LEGEND**

- REMOVAL OF ASPHALT MAT (PLANING)
- REMOVAL OF ASPHALT MAT
- REMOVAL OF CONCRETE
- REMOVAL OF CURB & GUTTER
- REMOVAL OF STORM PIPE

- NOTES:
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  - UTILITY REMOVALS AND RELOCATIONS ARE SHOWN ON THE UTILITY PLANS.
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**COMPUTER FILE INFORMATION**

Creation Date:	04/04/11	Initials:	CMC
Last Modification Date:	10/12/12	Initials:	NAB
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\		
Drawing File Name:	RM01-RM05.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

**REVISIONS**

No.	Description	Date

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Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: TDS



**AUSTIN BLUFFS PARKWAY**

Segment 3 - Barnes Rd. to Old Farm Dr.

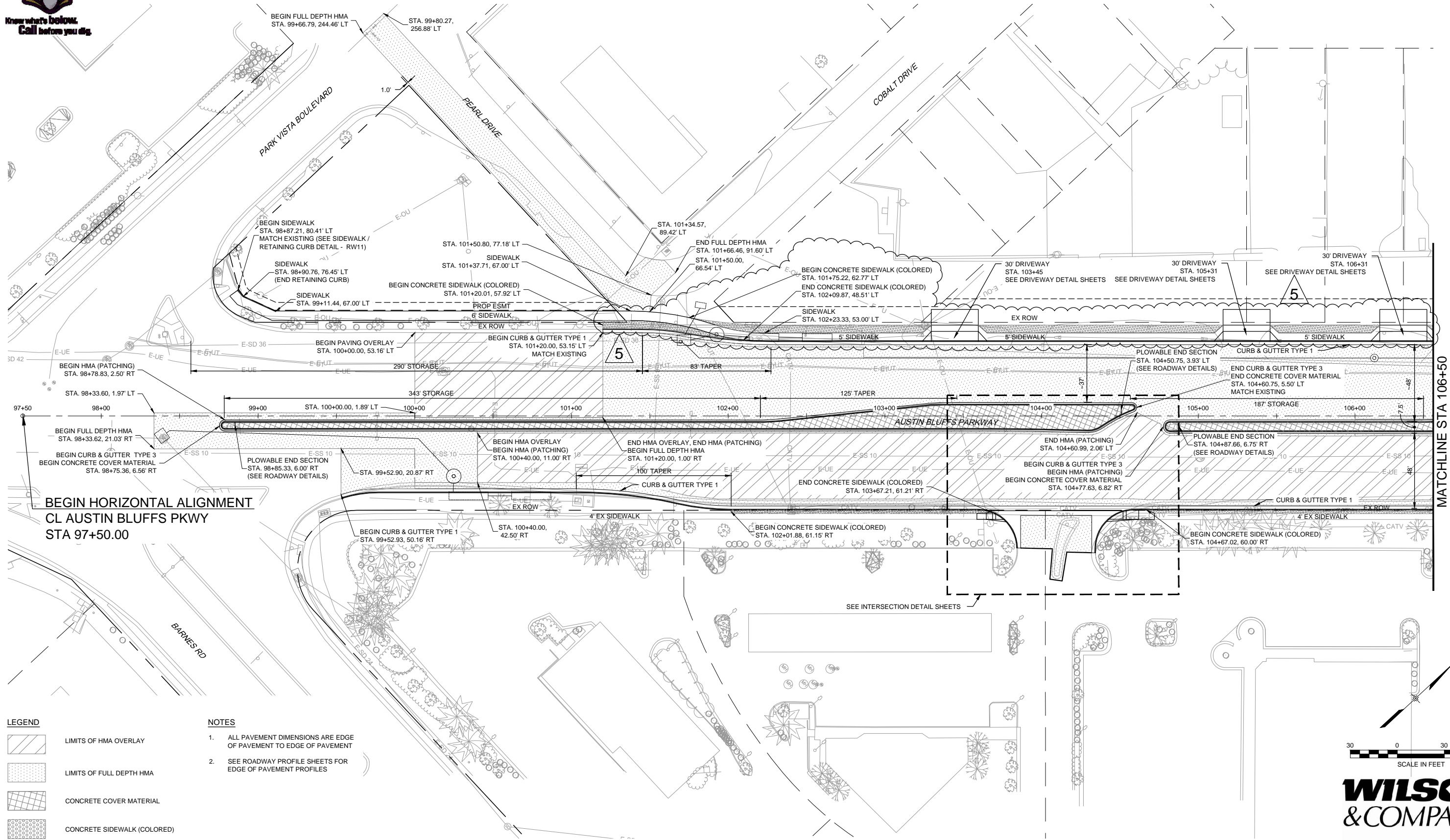
REMOVAL PLAN  
STA 133+50 TO STA 140+48.82

Subset: RM    Subset Sheets: RM05 to RM05    Sheet No: 710

PLOT DATE: 1/16/2013







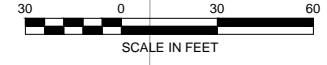
**BEGIN HORIZONTAL ALIGNMENT  
CL AUSTIN BLUFFS PKWY  
STA 97+50.00**

**MATCHLINE STA 106+50  
(SEE SHEET RD02)**

**LEGEND**

	LIMITS OF HMA OVERLAY
	LIMITS OF FULL DEPTH HMA
	CONCRETE COVER MATERIAL
	CONCRETE SIDEWALK (COLORED)

- NOTES**
1. ALL PAVEMENT DIMENSIONS ARE EDGE OF PAVEMENT TO EDGE OF PAVEMENT
  2. SEE ROADWAY PROFILE SHEETS FOR EDGE OF PAVEMENT PROFILES



**COMPUTER FILE INFORMATION**

Creation Date:	04/04/11	Initials:	CMC
Last Modification Date:	10/12/12	Initials:	NAB
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\		
Drawing File Name:	RD01-RD05.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

**REVISIONS**

No.	Description	Date
5	REVISION NO. 1	04-08-13

**STATEMENT:**

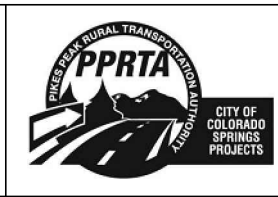
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



**AUSTIN BLUFFS PARKWAY**

Segment 3 - Barnes Rd. to Old Farm Dr.

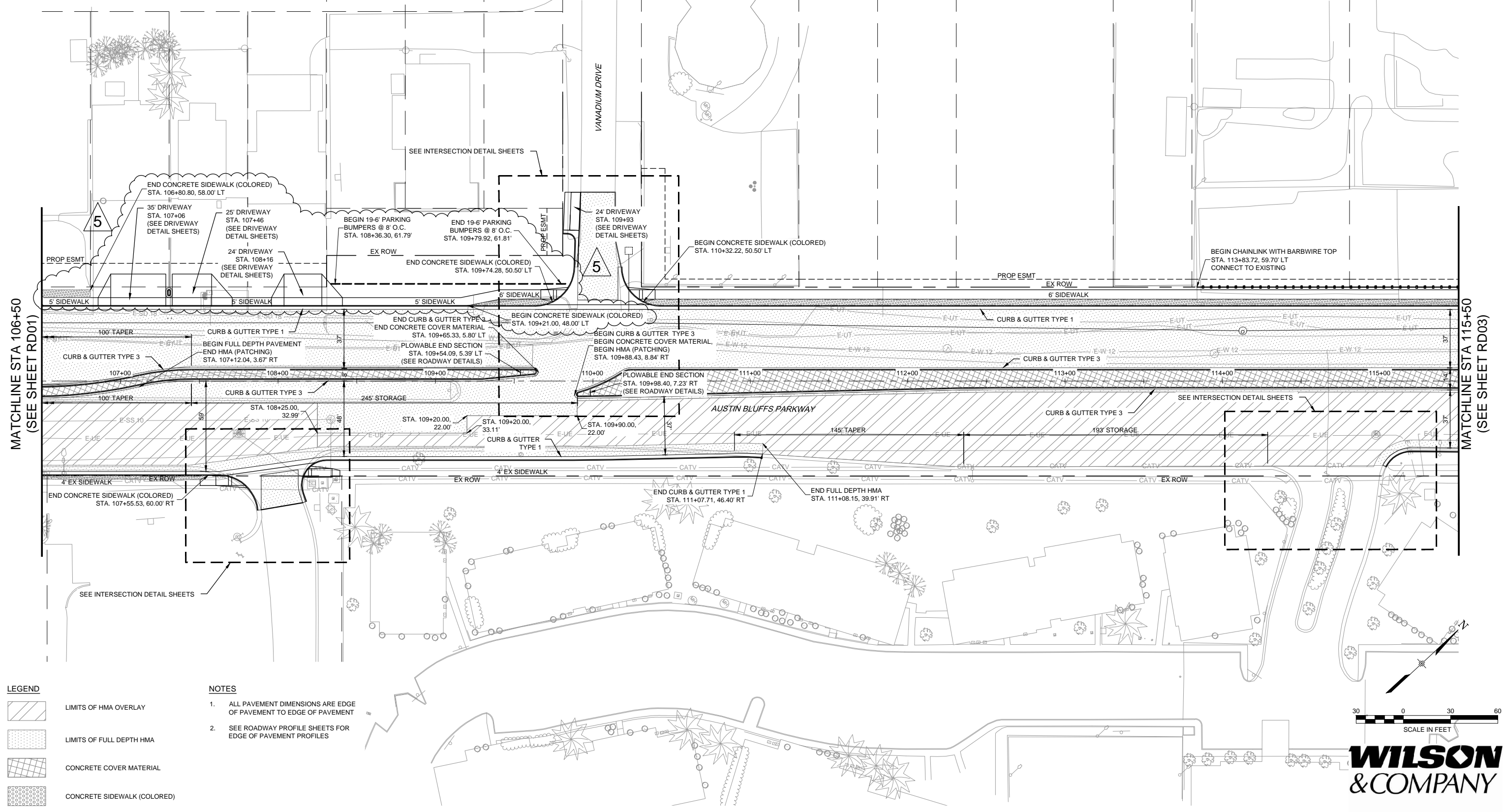
**ROADWAY PLAN**  
STA 97+50 TO STA 106+50

Subset:	RD	Subset Sheets:	RD01 of RD05	Sheet No:	711
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PLOT DATE: 4/11/2013



Know what's below.  
Call before you dig.



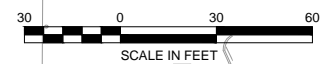
MATCHLINE STA 106+50  
(SEE SHEET RD01)

MATCHLINE STA 115+50  
(SEE SHEET RD03)

**LEGEND**

	LIMITS OF HMA OVERLAY
	LIMITS OF FULL DEPTH HMA
	CONCRETE COVER MATERIAL
	CONCRETE SIDEWALK (COLORED)

- NOTES**
- ALL PAVEMENT DIMENSIONS ARE EDGE OF PAVEMENT TO EDGE OF PAVEMENT
  - SEE ROADWAY PROFILE SHEETS FOR EDGE OF PAVEMENT PROFILES



**WILSON & COMPANY**

PLOT DATE: 4/11/2013

**COMPUTER FILE INFORMATION**

Creation Date:	04/04/11	Initials:	CMC
Last Modification Date:	10/12/12	Initials:	NAB
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\		
Drawing File Name:	RD01-RD05.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

**REVISIONS**

No.	Description	Date
5	REVISION NO. 1	04-08-13

**STATEMENT:**

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**Matrix DESIGN GROUP**

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Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



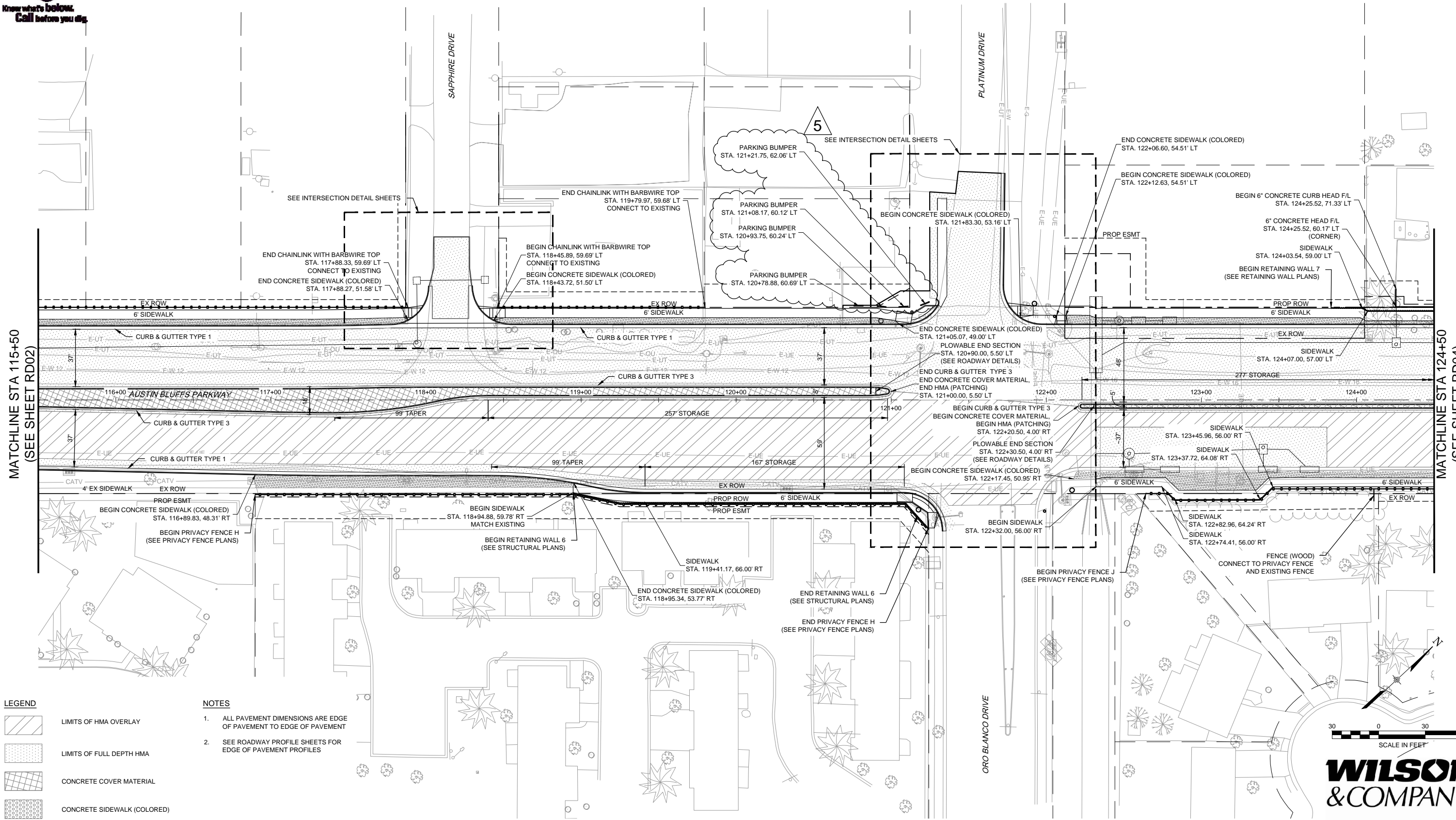
**AUSTIN BLUFFS PARKWAY**  
Segment 3 - Barnes Rd. to Old Farm Dr.

**ROADWAY PLAN**  
STA 106+50 TO STA 115+50

Subset:	RD	Subset Sheets:	RD02 of RD05	Sheet No:	712
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Know what's below.  
Call before you dig.



**LEGEND**

	LIMITS OF HMA OVERLAY
	LIMITS OF FULL DEPTH HMA
	CONCRETE COVER MATERIAL
	CONCRETE SIDEWALK (COLORED)

- NOTES**
1. ALL PAVEMENT DIMENSIONS ARE EDGE OF PAVEMENT TO EDGE OF PAVEMENT
  2. SEE ROADWAY PROFILE SHEETS FOR EDGE OF PAVEMENT PROFILES

**COMPUTER FILE INFORMATION**

Creation Date:	04/04/11	Initials:	CMC
Last Modification Date:	10/12/12	Initials:	NAB
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Drawing File Name:	RD01-RD05.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

**REVISIONS**

No.	Description	Date
5	REVISION NO. 1	04-08-13

**STATEMENT:**

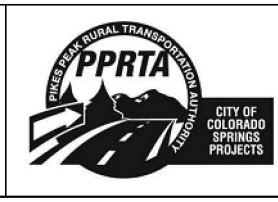
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**Matrix DESIGN GROUP**

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Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



**AUSTIN BLUFFS PARKWAY**  
Segment 3 - Barnes Rd. to Old Farm Dr.

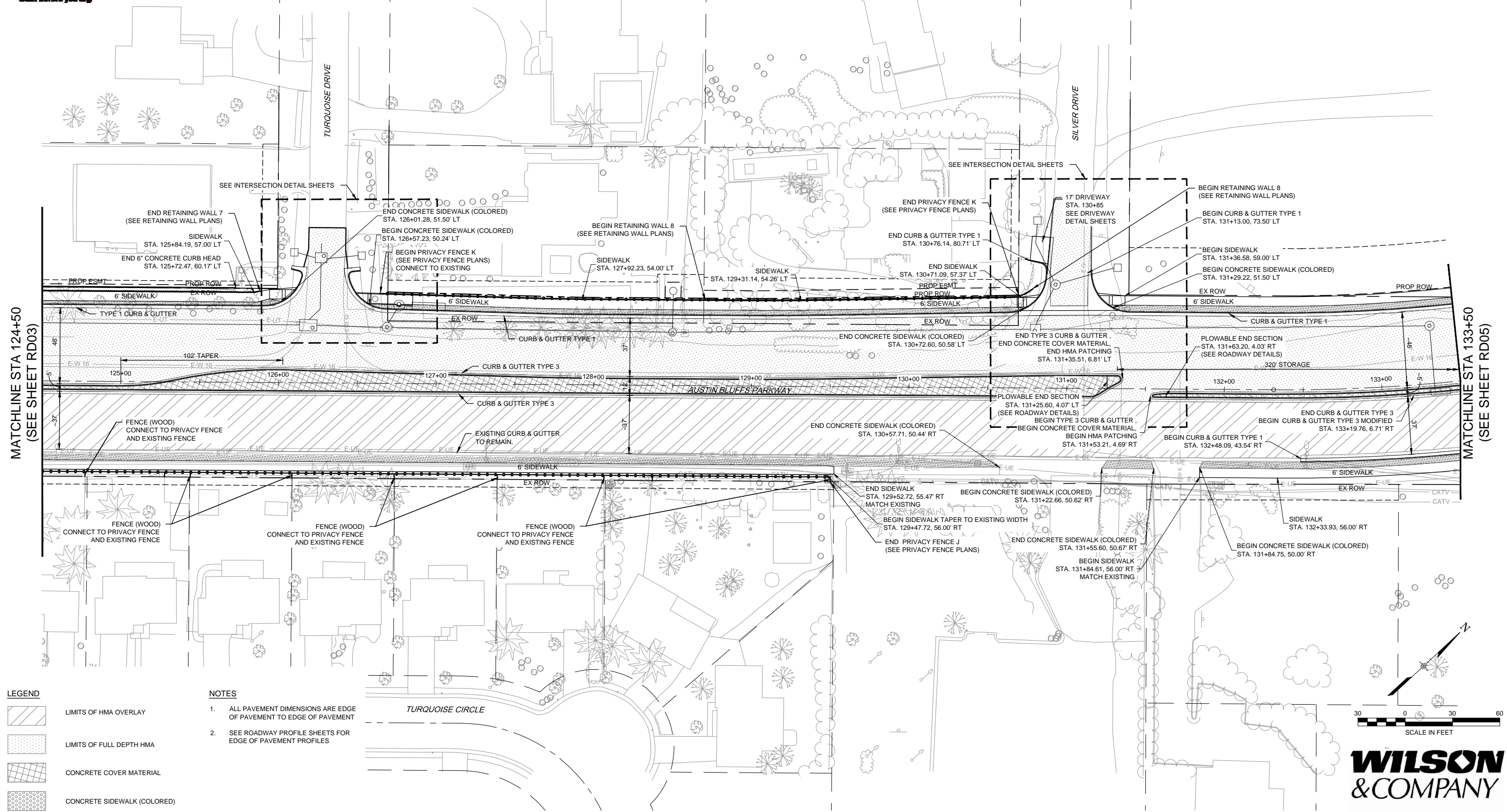
**ROADWAY PLAN**  
STA 115+50 TO STA 124+50

Subset:	RD	Subset Sheets:	RD03 to RD05	Sheet No:	713
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PLOT DATE: 4/11/2013



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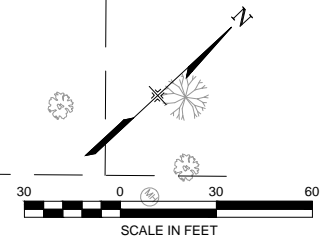
MATCHLINE STA 124+50  
(SEE SHEET RD03)

MATCHLINE STA 133+50  
(SEE SHEET RD05)

**LEGEND**

	LIMITS OF HMA OVERLAY
	LIMITS OF FULL DEPTH HMA
	CONCRETE COVER MATERIAL
	CONCRETE SIDEWALK (COLORED)

- NOTES**
- ALL PAVEMENT DIMENSIONS ARE EDGE OF PAVEMENT TO EDGE OF PAVEMENT
  - SEE ROADWAY PROFILE SHEETS FOR EDGE OF PAVEMENT PROFILES



**WILSON & COMPANY**

PLOT DATE: 1/19/2013

**COMPUTER FILE INFORMATION**

Creation Date:	04/04/11	Initials:	CMC
Last Modification Date:	10/12/12	Initials:	NAB
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**REVISIONS**

No.	Description	Date

**STATEMENT:**

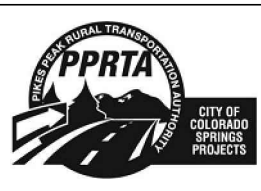
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DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



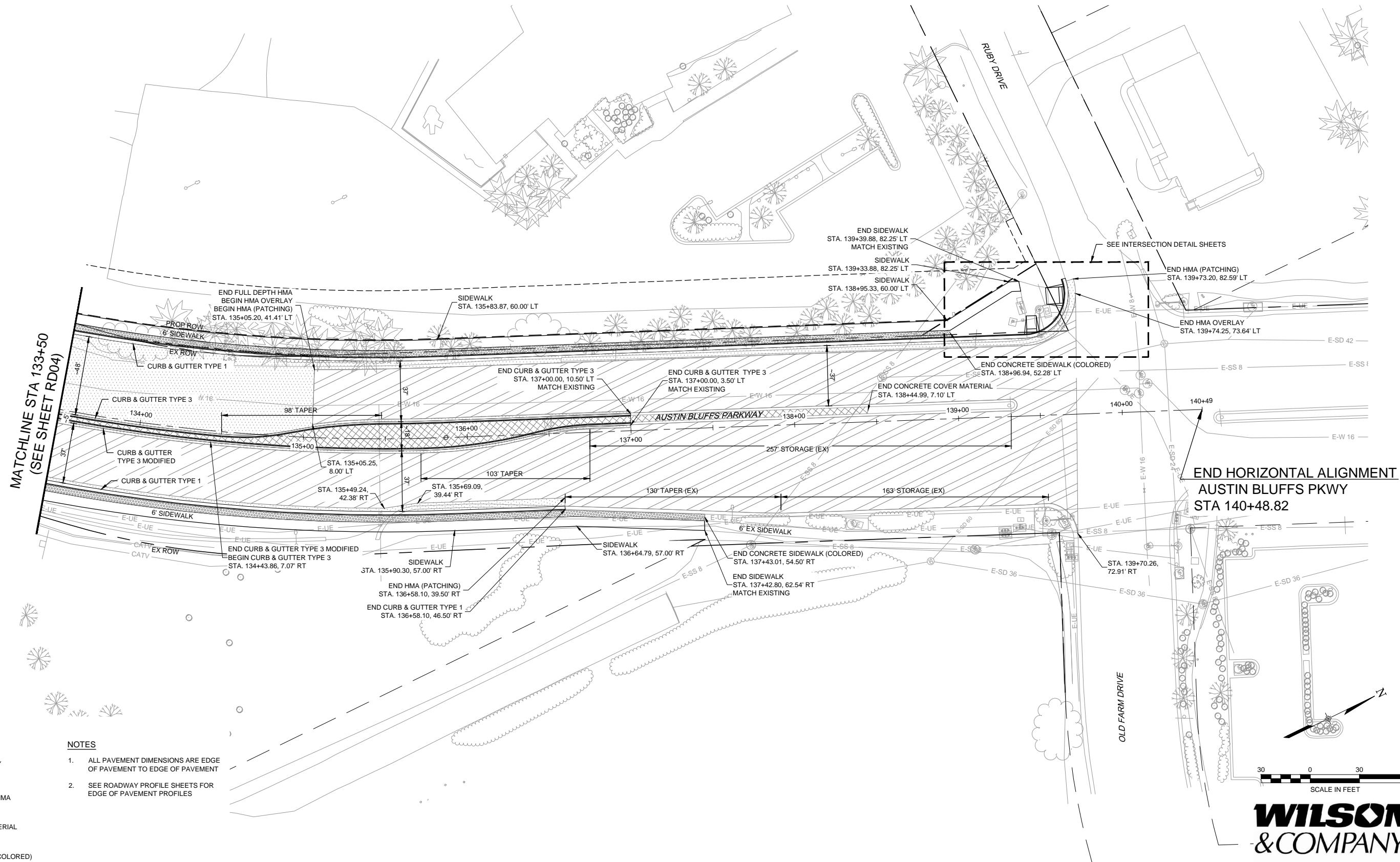
**AUSTIN BLUFFS PARKWAY**  
Segment 3 - Barnes Rd. to Old Farm Dr.

**ROADWAY PLAN**  
STA 124+50 TO STA 133+50

Subset:	RD	Subset Sheets:	RD04 of RD05	Sheet No:	714
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Know what's below.  
Call before you dig.



**LEGEND**

	LIMITS OF HMA OVERLAY
	LIMITS OF FULL DEPTH HMA
	CONCRETE COVER MATERIAL
	CONCRETE SIDEWALK (COLORED)

- NOTES**
- ALL PAVEMENT DIMENSIONS ARE EDGE OF PAVEMENT TO EDGE OF PAVEMENT
  - SEE ROADWAY PROFILE SHEETS FOR EDGE OF PAVEMENT PROFILES

PLOT DATE: 1/19/2013

COMPUTER FILE INFORMATION	
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Last Modification Date:	10/12/12 Initials: NAB
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	RD01-RD05.dwg
Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**

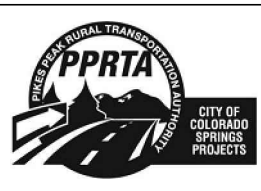
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**Matrix DESIGN GROUP**

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Colorado Springs, CO 80920  
719.575.0100

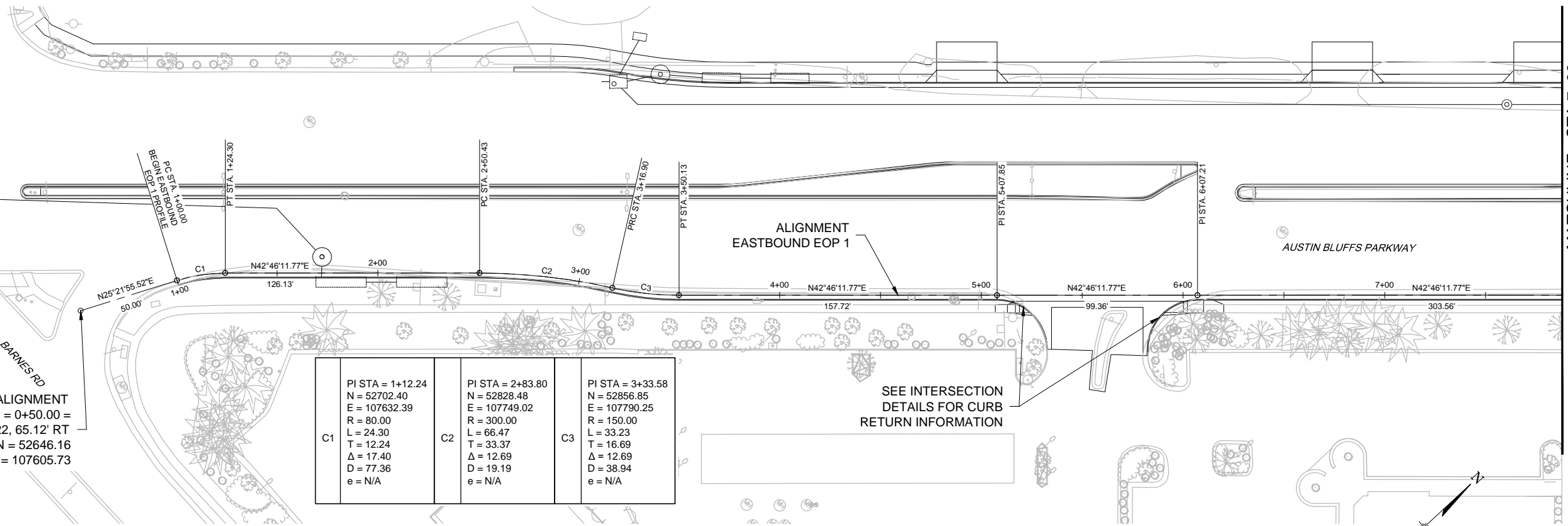
DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



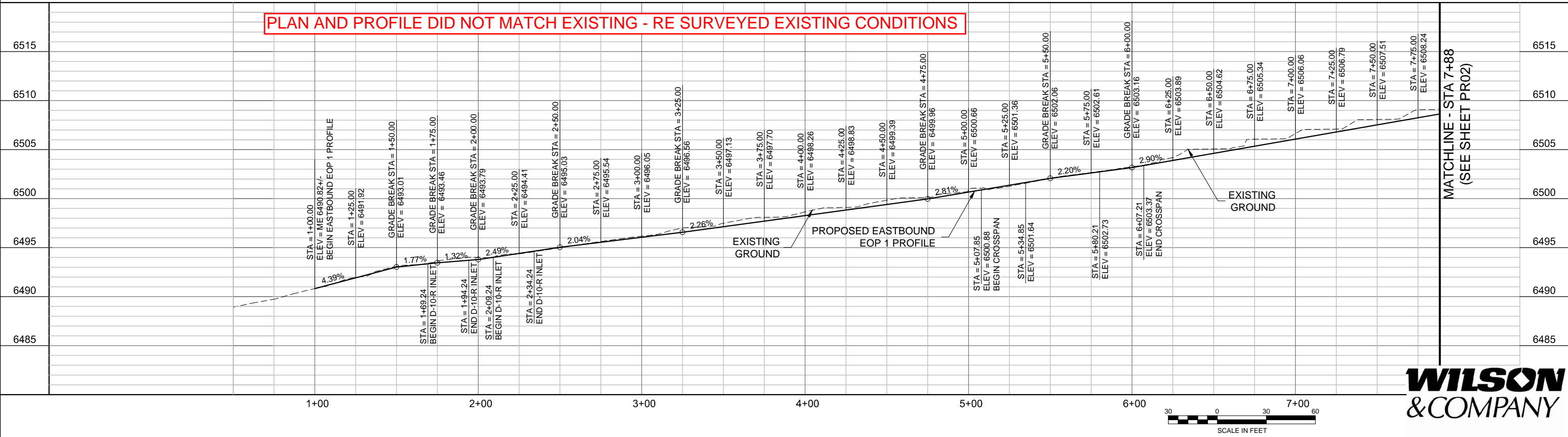
AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PLAN			
STA 133+50 TO STA 140+48.82			
Subset:	RD	Subset Sheets:	RD05 to RD05
			Sheet No: 715





**NOTE:**  
EDGE OF PAVEMENT HORIZONTAL ALIGNMENTS AND VERTICAL PROFILES DO NOT DEPICT ADJUSTMENTS ASSOCIATED WITH D-10-R INLET INSTALLATIONS.

**PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS**



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12 Initials: NAB
Last Modification Date:	10/12/12 Initials: NAB
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Drawing File Name:	PR01-PR04.dwg
Acad Ver.	2011 Scale: AS SHOWN

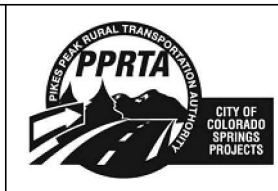
REVISIONS		
No.	Description	Date

**STATEMENT:**  
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**Matrix DESIGN GROUP**  
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DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**

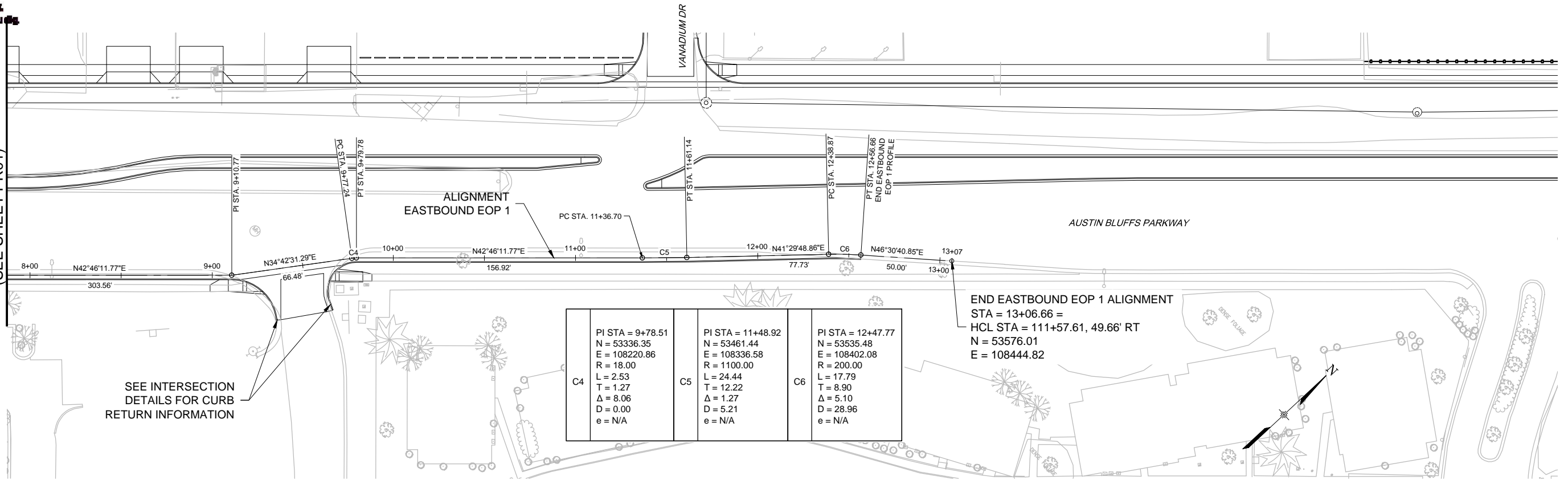


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE EASTBOUND EOP 1			
Subset:	PR	Subset Sheets:	PR01 of PR19
			Sheet No: 716



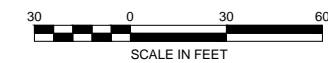
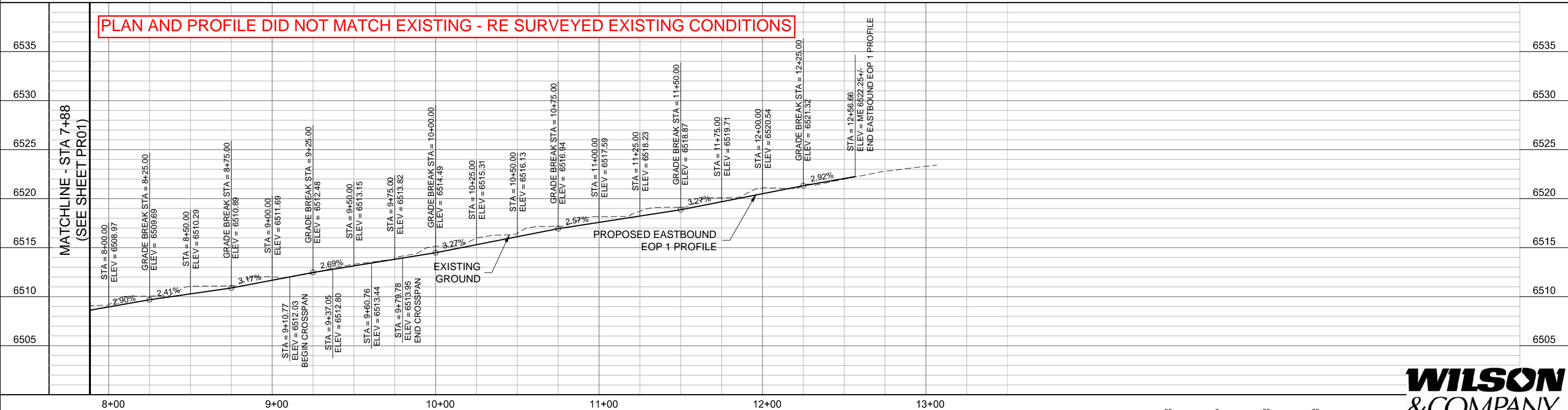
Know what's below.  
Call before you dig.

MATCHLINE - STA 7+88  
(SEE SHEET PR01)



PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS

MATCHLINE - STA 7+88  
(SEE SHEET PR01)



**WILSON & COMPANY**

PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12
Last Modification Date:	10/12/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	PR01-PR04.dwg
Acad Ver.	2011

REVISIONS		
No.	Description	Date

STATEMENT:

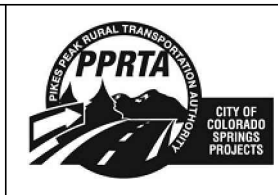
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**Matrix DESIGN GROUP**

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Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

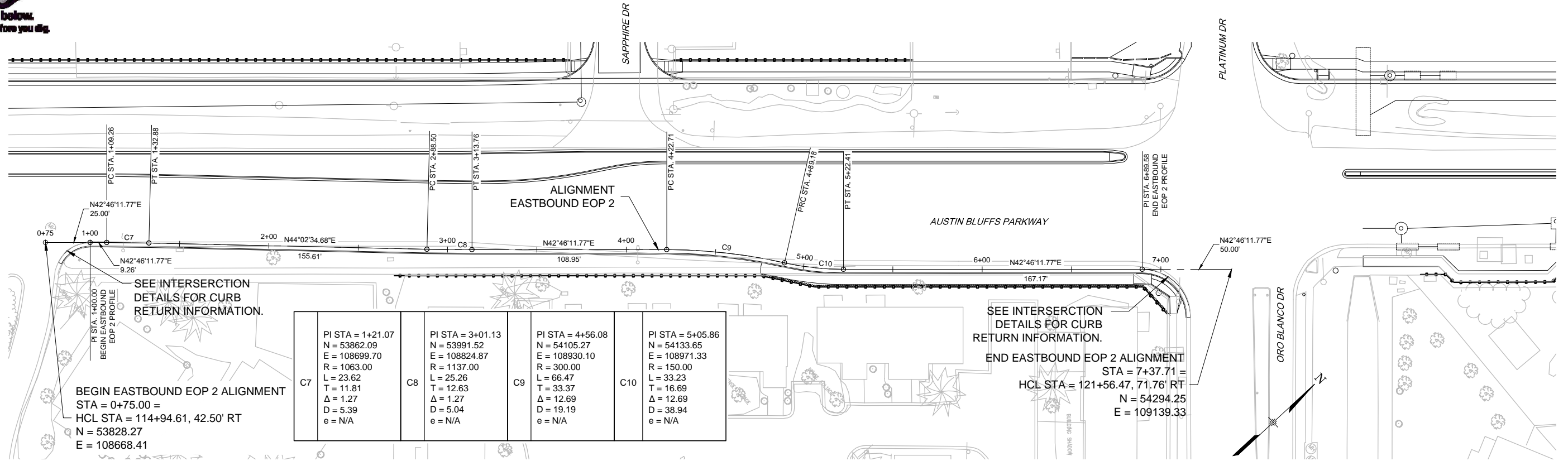
**RFP Set**



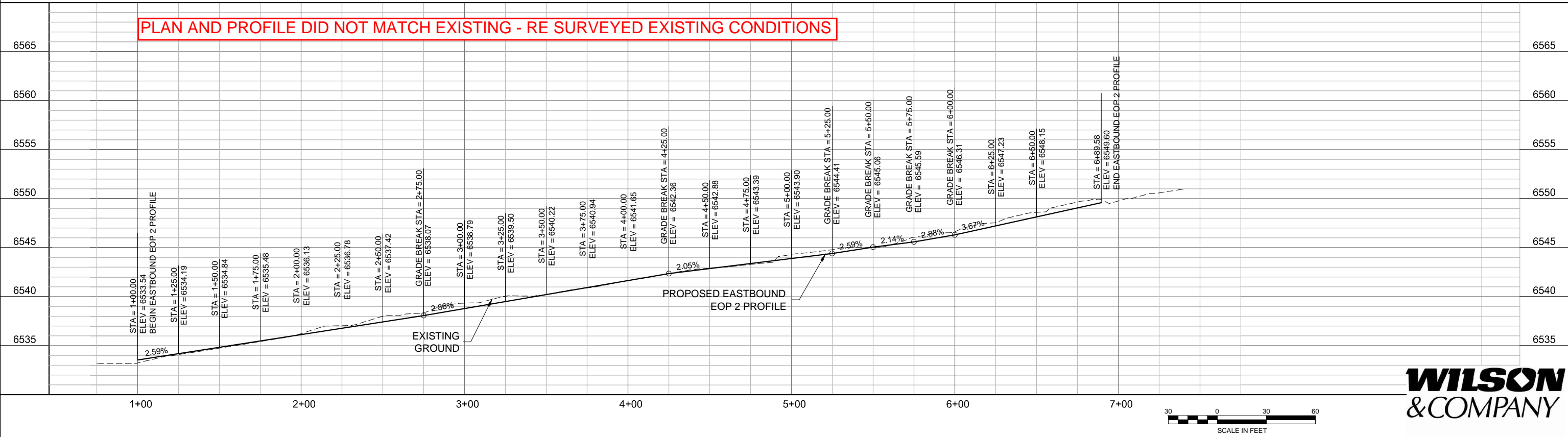
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY PROFILE		
EASTBOUND EOP 1		
Subset:	PR	Sheet No: 717



Know what's below.  
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**PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS**



COMPUTER FILE INFORMATION	
Creation Date:	08/24/12 Initials: NAB
Last Modification Date:	10/12/12 Initials: NAB
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	PR01-PR04.dwg
Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

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**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

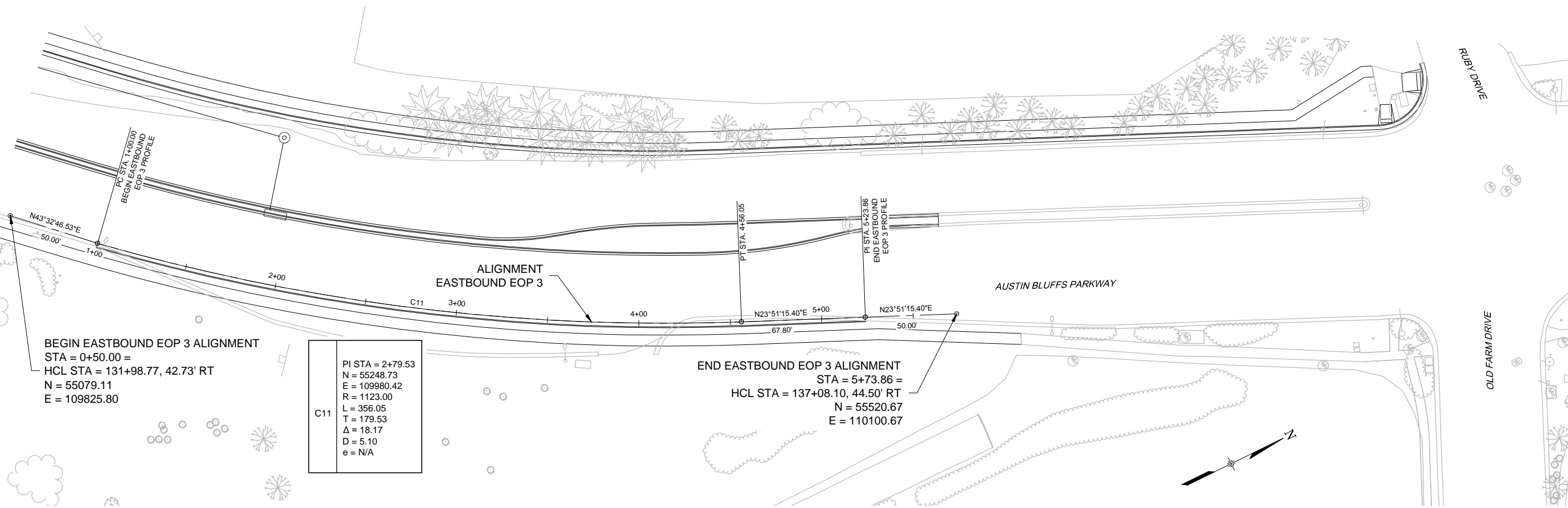
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE			
EASTBOUND EOP 2			
Subset:	PR	Subset Sheets:	PR03 of PR19
			Sheet No: 718

PLOT DATE: 1/15/2013



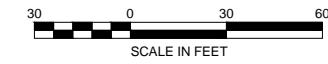
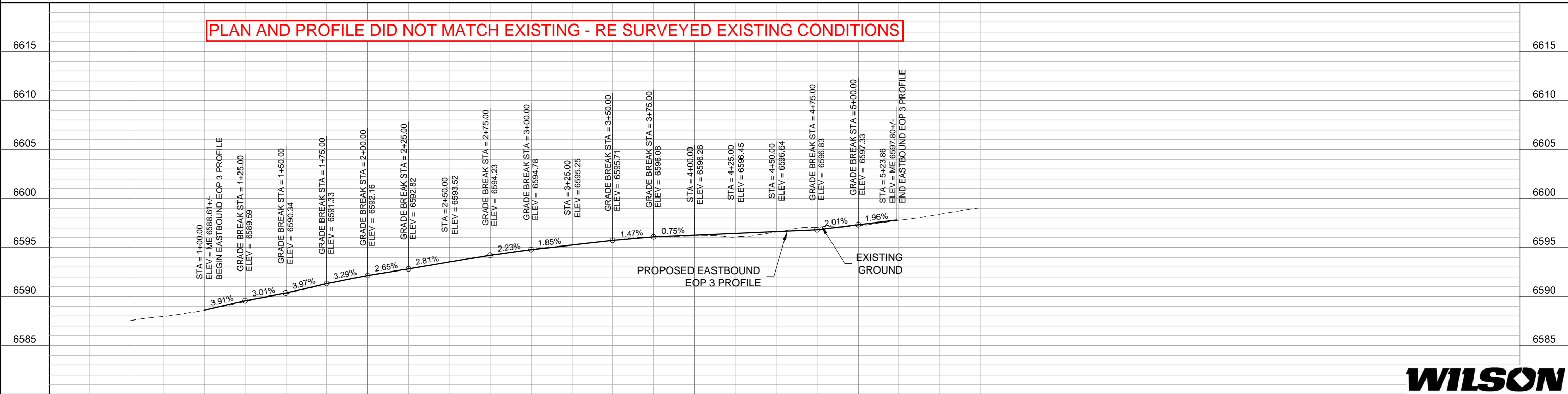


BEGIN EASTBOUND EOP 3 ALIGNMENT  
 STA = 0+50.00 =  
 HCL STA = 131+98.77, 42.73' RT  
 N = 55079.11  
 E = 109825.80

C11	PI STA = 2+79.53
	N = 55248.73
	E = 109980.42
	R = 1123.00
	L = 356.05
	T = 179.53
	Δ = 18.17
	D = 5.10
e = N/A	

END EASTBOUND EOP 3 ALIGNMENT  
 STA = 5+73.86 =  
 HCL STA = 137+08.10, 44.50' RT  
 N = 55520.67  
 E = 110100.67

PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12 Initials: NAB
Last Modification Date:	10/12/12 Initials: NAB
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Acad Ver.	2011 Scale: AS SHOWN

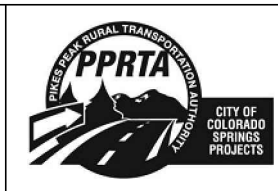
REVISIONS		
No.	Description	Date

STATEMENT:  
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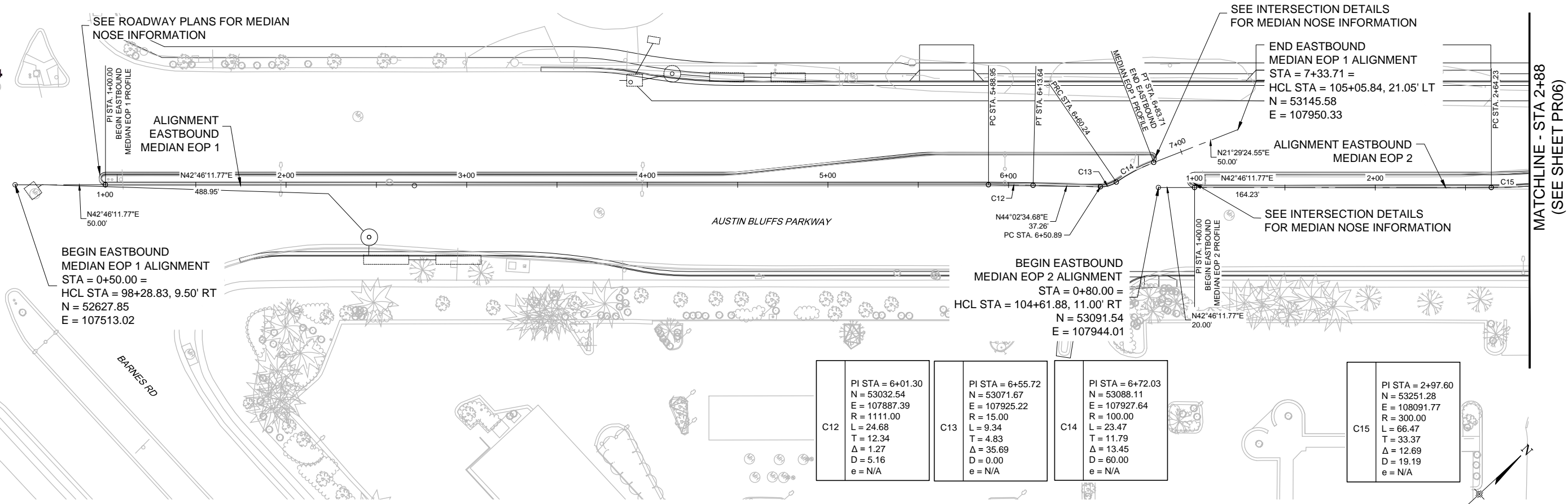
**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: NAB  
 CHECKED BY: MAK

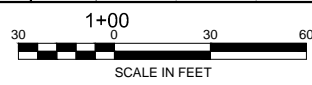
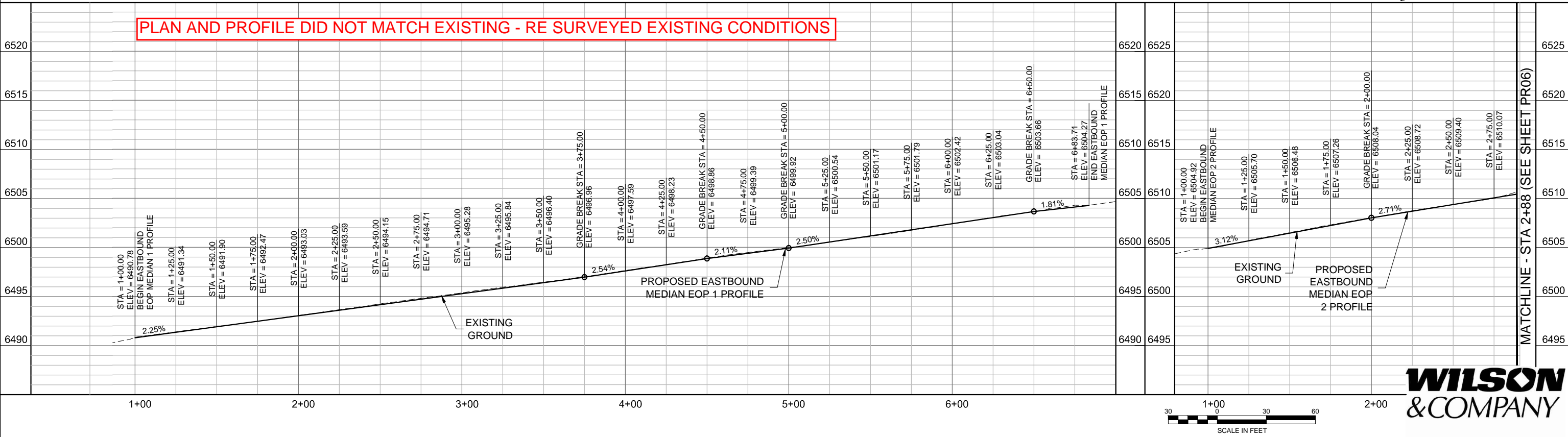
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY PROFILE EASTBOUND EOP 3		
Subset:	PR	Subset Sheets: PR04 of PR19 Sheet No: 719



PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12 Initials: NAB
Last Modification Date:	10/12/12 Initials: NAB
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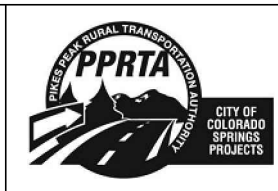
REVISIONS		
No.	Description	Date

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**Matrix DESIGN GROUP**  
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DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



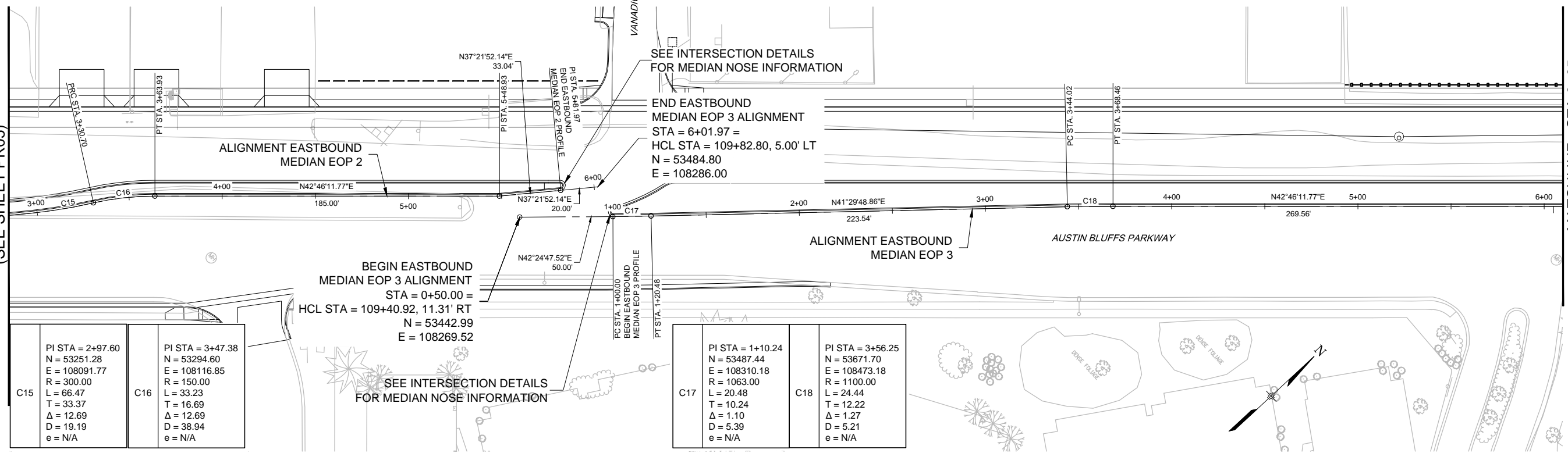
AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE			
EASTBOUND MEDIAN EOP 1 AND 2			
Subset:	PR	Subset Sheets:	PR05 of PR19 Sheet No: 720



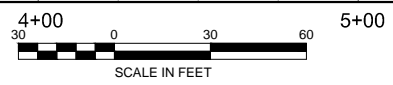
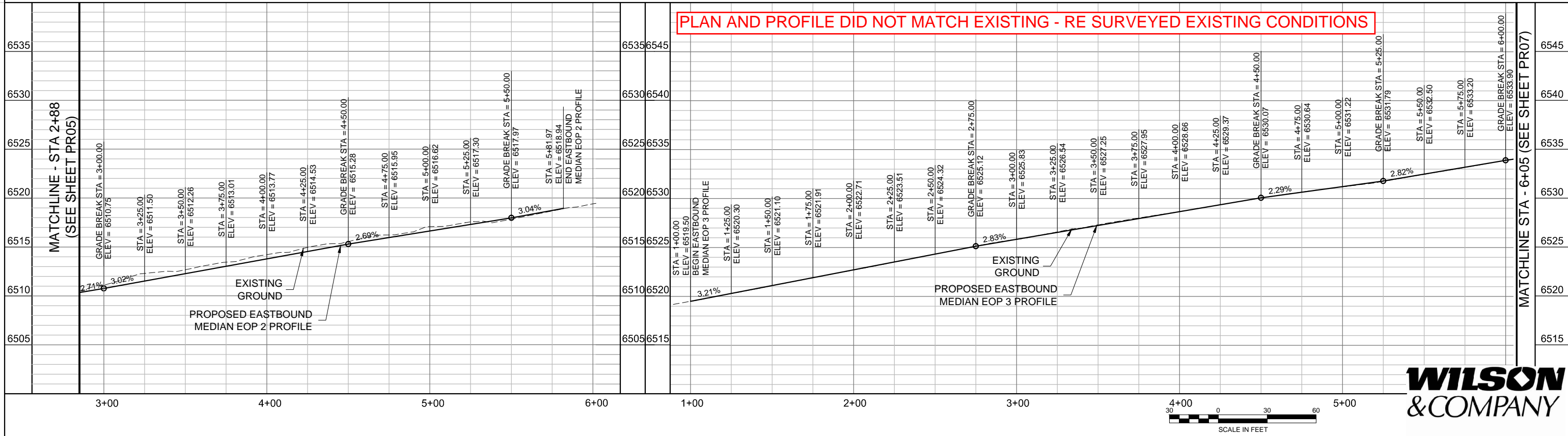
Know what's below.  
Call before you dig.

MATCHLINE - STA 2+88  
(SEE SHEET PR05)

MATCHLINE - STA 6+05  
(SEE SHEET PR07)



PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



COMPUTER FILE INFORMATION	
Creation Date:	08/24/12 Initials: NAB
Last Modification Date:	10/12/12 Initials: NAB
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REVISIONS		
No.	Description	Date

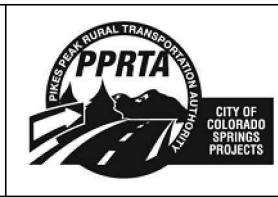
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**Matrix DESIGN GROUP**

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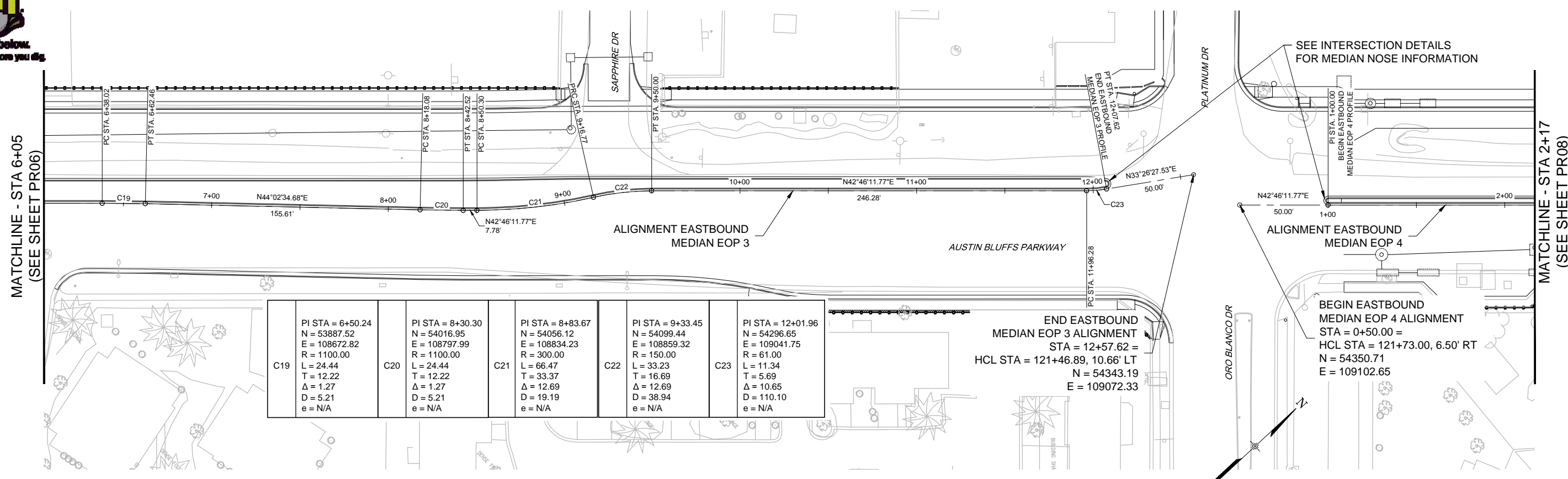
DESIGNED BY: NAB  
 DRAWN BY: NAB  
 CHECKED BY: MAK

**RFP Set**

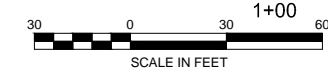
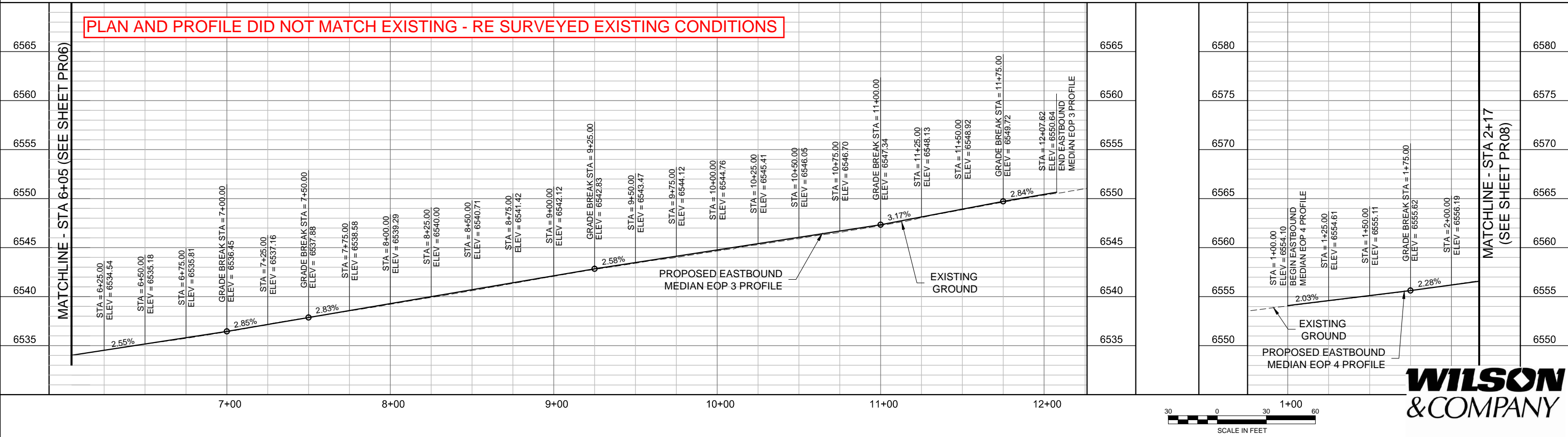


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE			
EASTBOUND MEDIAN EOP 2 AND 3			
Subset:	PR	Subset Sheets:	PR06 of PR19
			Sheet No: 721

PLOT DATE: 1/15/2013



PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12
Last Modification Date:	10/12/12
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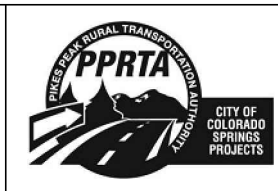
REVISIONS		
No.	Description	Date

**STATEMENT:**  
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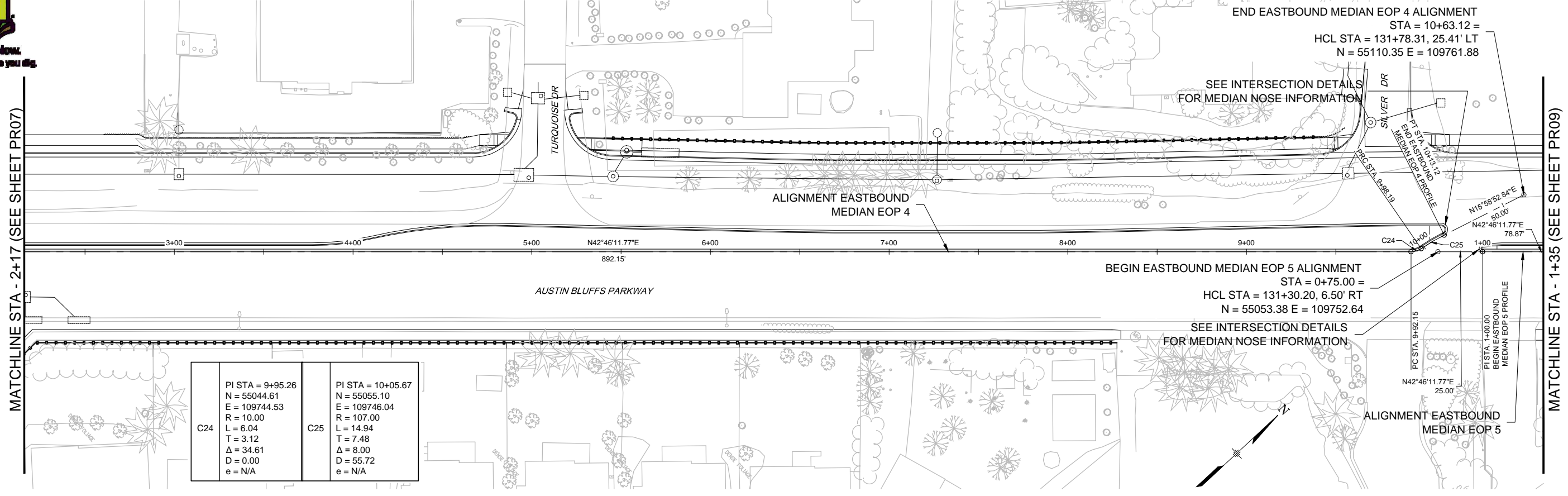
**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**

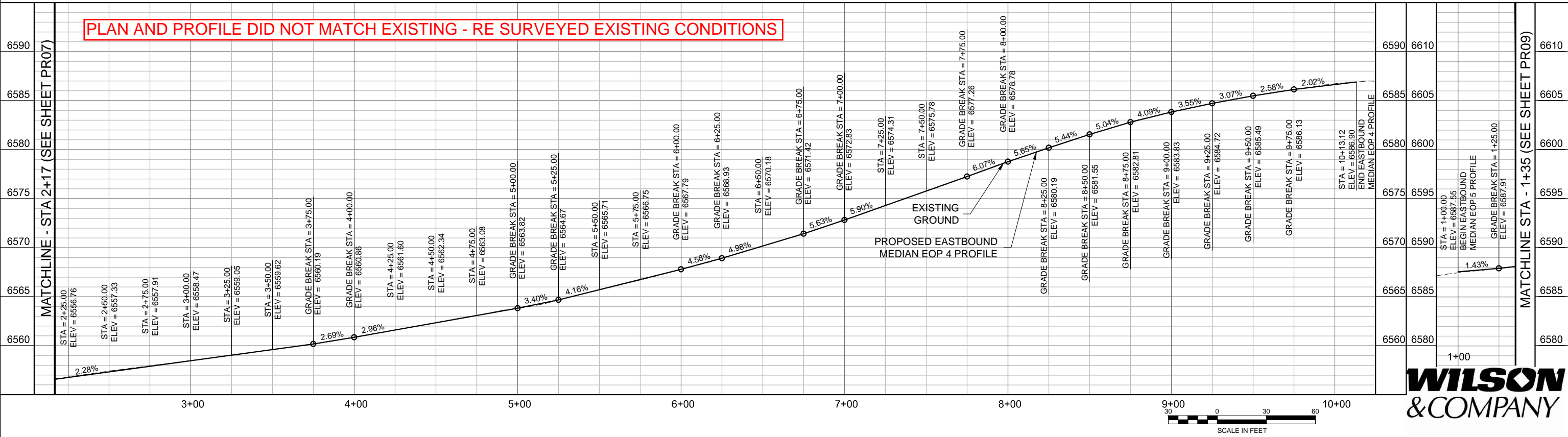


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE			
EASTBOUND MEDIAN EOP 3 AND 4			
Subset:	PR	Subset Sheets:	PR07 of PR19
Sheet No:		722	



C24	PI STA = 9+95.26	C25	PI STA = 10+05.67
	N = 55044.61		N = 55055.10
	E = 109744.53		E = 109746.04
	R = 10.00		R = 107.00
	L = 6.04		L = 14.94
	T = 3.12		T = 7.48
Δ = 34.61	Δ = 8.00		
D = 0.00	D = 55.72		
e = N/A	e = N/A		

PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12 Initials: NAB
Last Modification Date:	10/12/12 Initials: NAB
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	PR05-PR09.dwg
Acad Ver.	2011 Scale: AS SHOWN

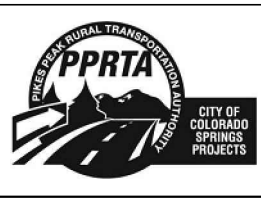
REVISIONS		
No.	Description	Date

**STATEMENT:**  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

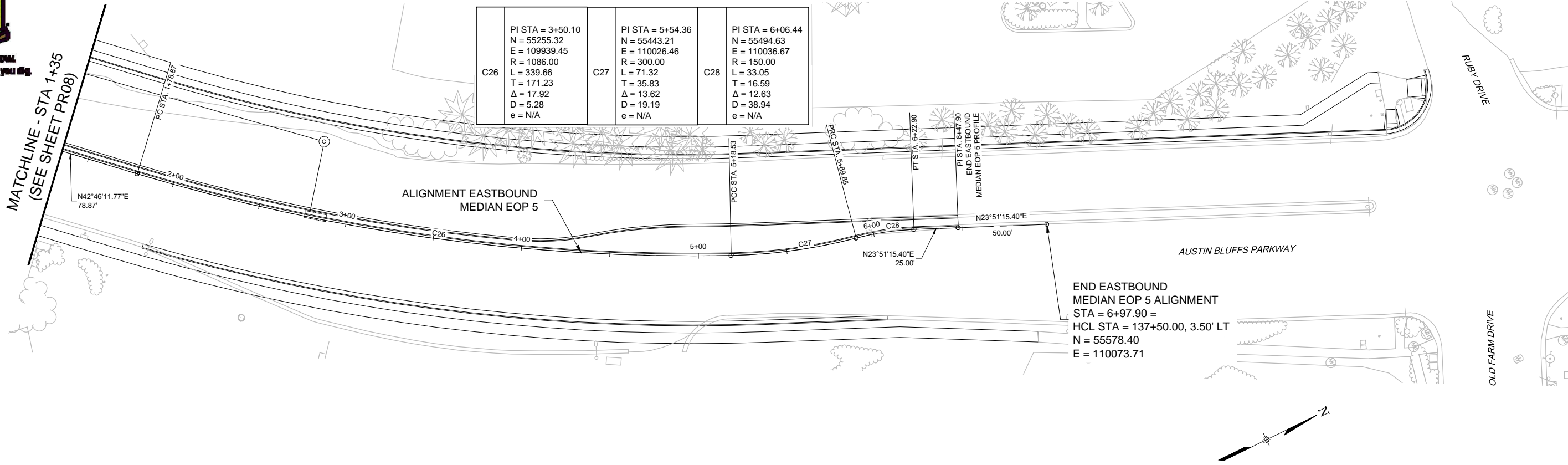
**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



<b>AUSTIN BLUFFS PARKWAY</b>		
Segment 3 - Barnes Rd. to Old Farm Dr.		
<b>ROADWAY PROFILE</b>		
EASTBOUND MEDIAN EOP 4 AND 5		
Subset:	PR	Subset Sheets: PR08 of PR19 Sheet No: 723

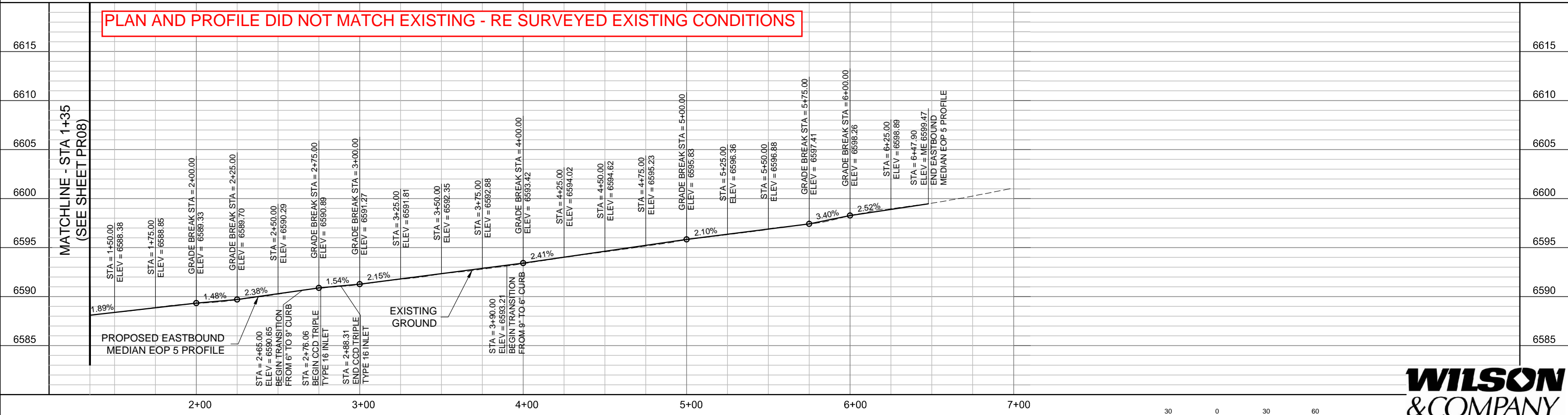


PI STA = 3+50.10 N = 55255.32 E = 109939.45 R = 1086.00 L = 339.66 T = 171.23 Δ = 17.92 D = 5.28 e = N/A	PI STA = 5+54.36 N = 55443.21 E = 110026.46 R = 300.00 L = 71.32 T = 35.83 Δ = 13.62 D = 19.19 e = N/A	PI STA = 6+06.44 N = 55494.63 E = 110036.67 R = 150.00 L = 33.05 T = 16.59 Δ = 12.63 D = 38.94 e = N/A
--	--	--

END EASTBOUND  
 MEDIAN EOP 5 ALIGNMENT  
 STA = 6+97.90 =  
 HCL STA = 137+50.00, 3.50' LT  
 N = 55578.40  
 E = 110073.71

**NOTE:**  
 EDGE OF PAVEMENT HORIZONTAL ALIGNMENTS AND VERTICAL PROFILES DO NOT DEPICT ADJUSTMENTS  
 ASSOCIATED WITH CCD TRIPLE TYPE 16 INLET INSTALLATIONS.

PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12 Initials: NAB
Last Modification Date:	10/12/12 Initials: NAB
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Acad Ver.	2011 Scale: AS SHOWN

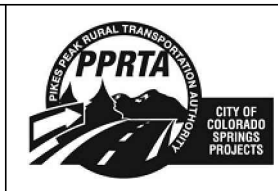
REVISIONS		
No.	Description	Date

**STATEMENT:**  
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**Matrix DESIGN GROUP**  
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 Colorado Springs, CO 80920  
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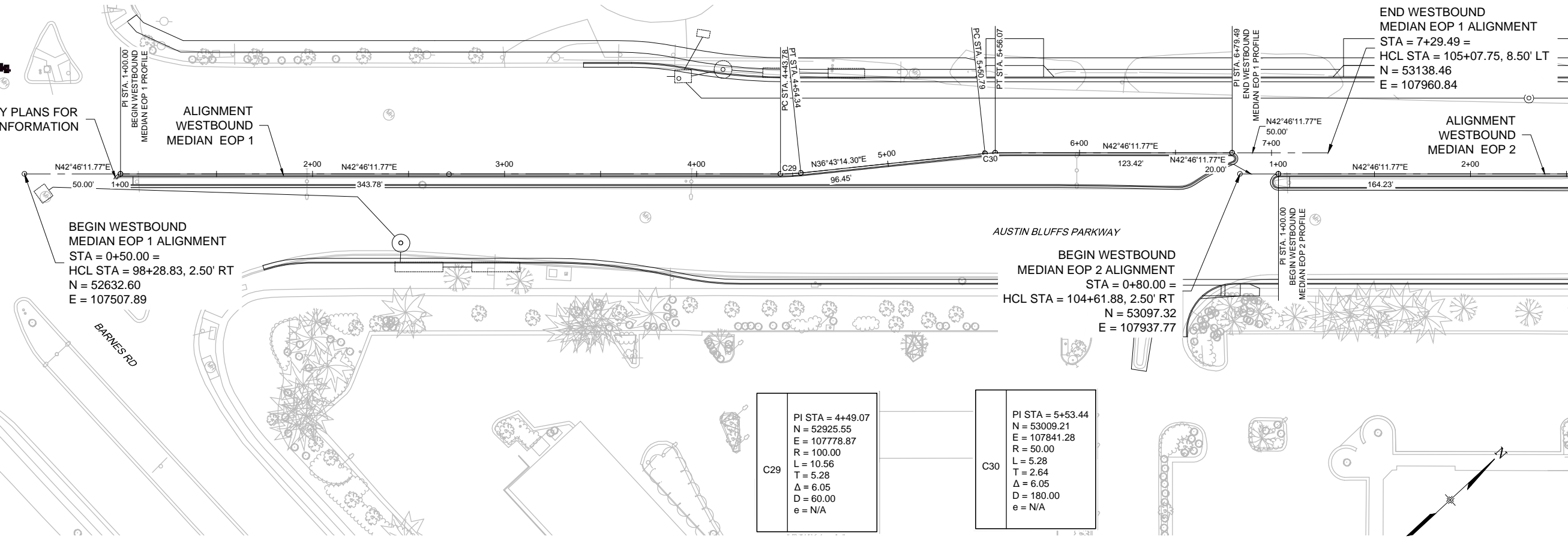
**RFP Set**



<b>AUSTIN BLUFFS PARKWAY</b>		
Segment 3 - Barnes Rd. to Old Farm Dr.		
<b>ROADWAY PROFILE</b>		
<b>EASTBOUND MEDIAN EOP 5</b>		
Subset:	PR	Subset Sheets: PR09 to PR19 Sheet No: 724



SEE ROADWAY PLANS FOR  
MEDIAN NOSE INFORMATION



BEGIN WESTBOUND  
MEDIAN EOP 1 ALIGNMENT  
STA = 0+50.00 =  
HCL STA = 98+28.83, 2.50' RT  
N = 52632.60  
E = 107507.89

BEGIN WESTBOUND  
MEDIAN EOP 2 ALIGNMENT  
STA = 0+80.00 =  
HCL STA = 104+61.88, 2.50' RT  
N = 53097.32  
E = 107937.77

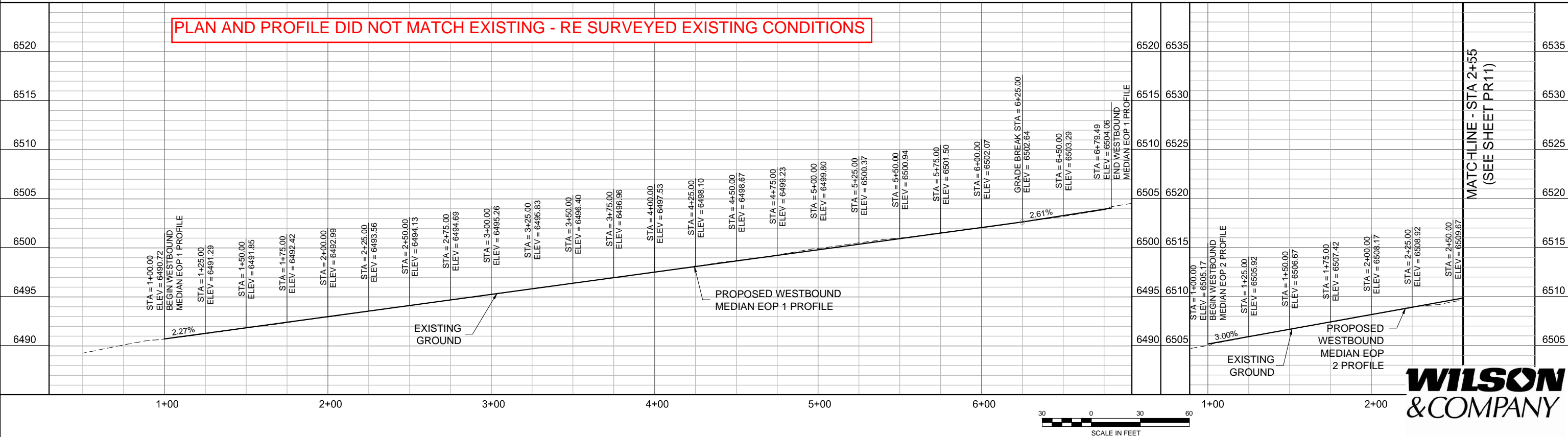
C29  
PI STA = 4+49.07  
N = 52925.55  
E = 107778.87  
R = 100.00  
L = 10.56  
T = 5.28  
Δ = 6.05  
D = 60.00  
e = N/A

C30  
PI STA = 5+53.44  
N = 53009.21  
E = 107841.28  
R = 50.00  
L = 5.28  
T = 2.64  
Δ = 6.05  
D = 180.00  
e = N/A

END WESTBOUND  
MEDIAN EOP 1 ALIGNMENT  
STA = 7+29.49 =  
HCL STA = 105+07.75, 8.50' LT  
N = 53138.46  
E = 107960.84

MATCHLINE - STA 2+55  
(SEE SHEET PR11)

PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



MATCHLINE - STA 2+55  
(SEE SHEET PR11)



PLOT DATE: 1/15/2013

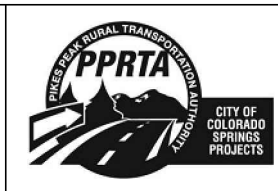
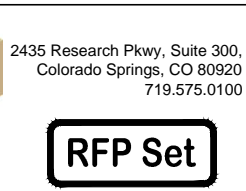
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Last Modification Date:	10/12/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	PR10-PR14.dwg
Acad Ver.	2011
Scale:	AS SHOWN

REVISIONS		
No.	Description	Date

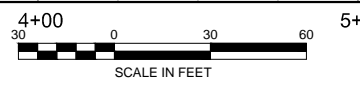
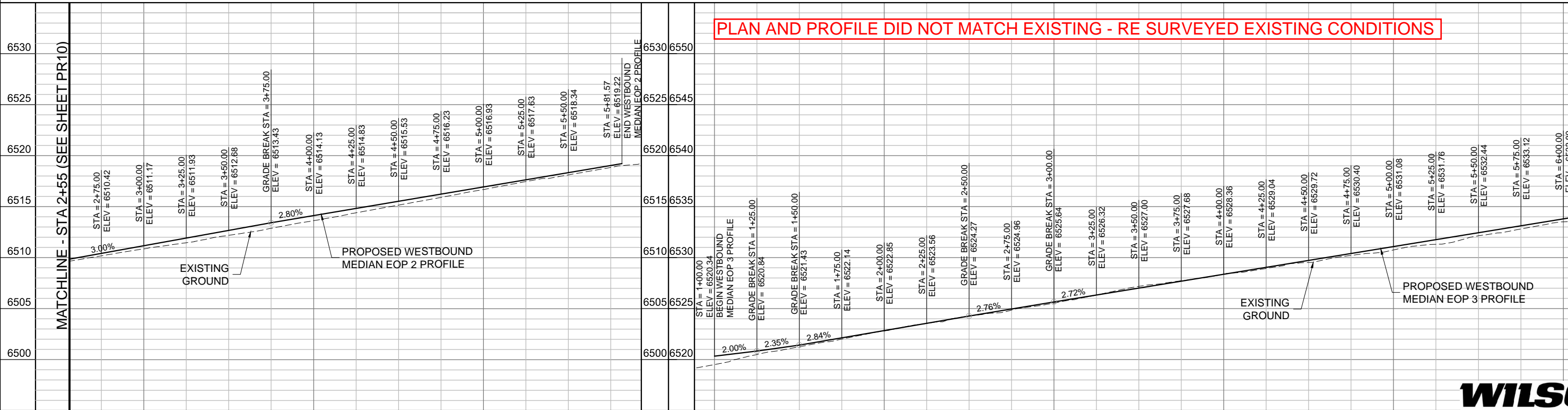
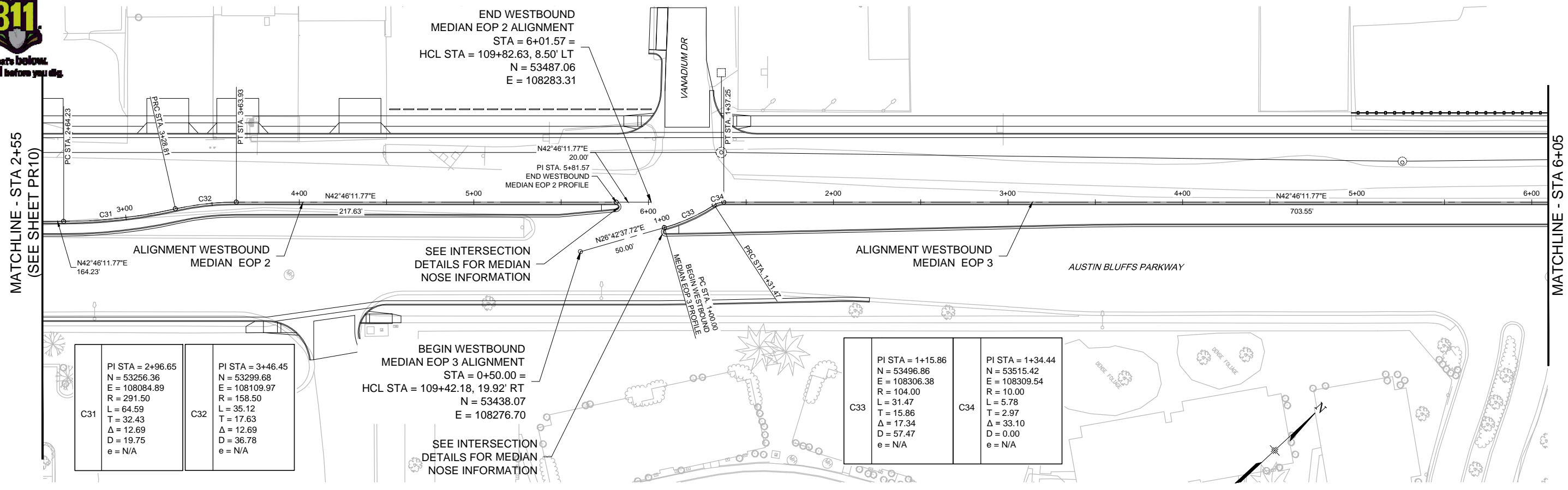
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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE			
WESTBOUND MEDIAN EOP 1 AND 2			
Subset:	PR	Subset Sheets:	PR10 of PR19
Sheet No:		725	



COMPUTER FILE INFORMATION	
Creation Date:	08/24/12 Initials: NAB
Last Modification Date:	10/12/12 Initials: NAB
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Drawing File Name:	PR10-PR14.dwg
Acad Ver.	2011 Scale: AS SHOWN

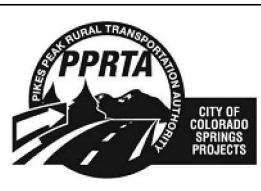
REVISIONS		
No.	Description	Date

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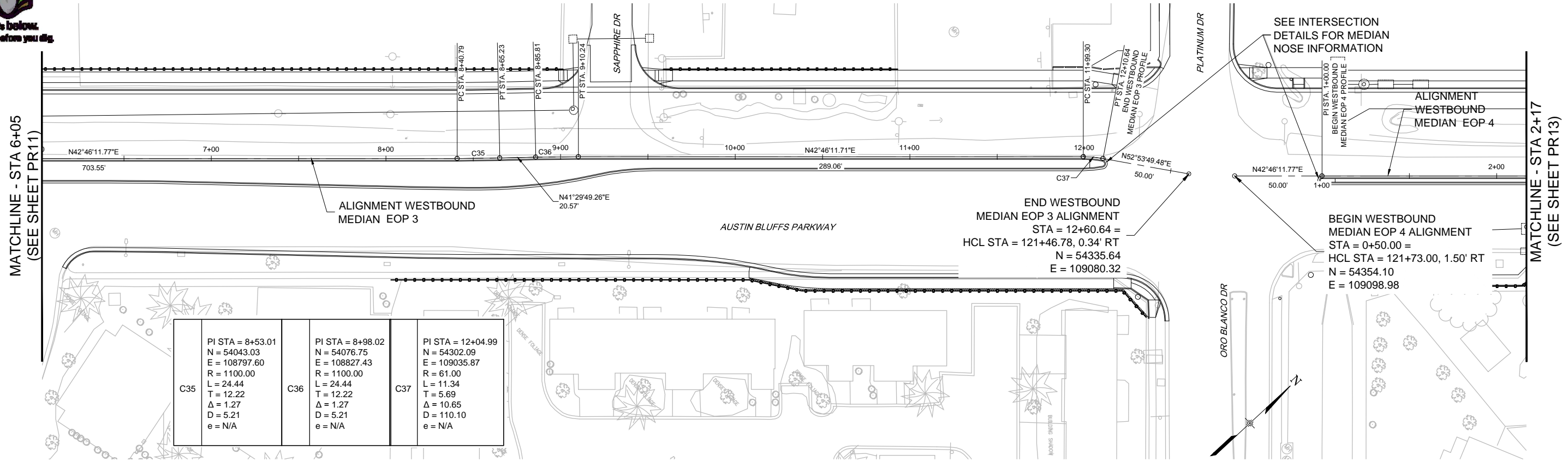
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY PROFILE		
WESTBOUND MEDIAN EOP 2 AND 3		
Subset:	PR	Subset Sheets: PR11 of PR19 Sheet No: 726

PLOT DATE: 1/15/2013



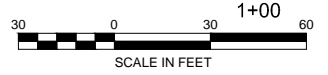
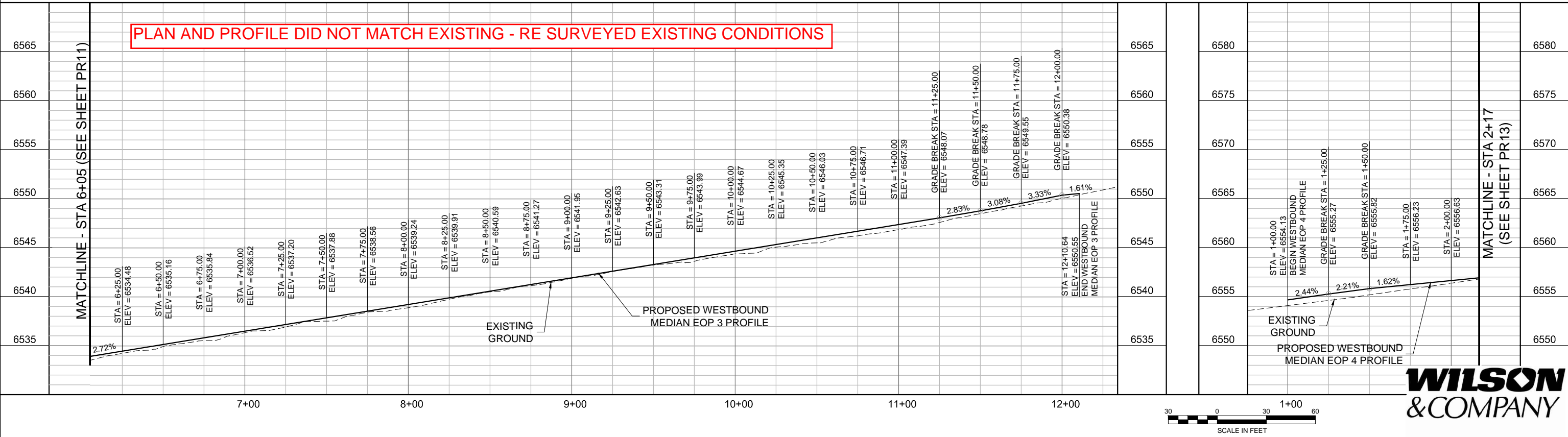


Curve	PI STA	N	E	R	L	T	Δ	D	e
C35	8+53.01	54043.03	108797.60	1100.00	24.44	12.22	1.27	5.21	N/A
C36	8+98.02	54076.75	108827.43	1100.00	24.44	12.22	1.27	5.21	N/A
C37	12+04.99	54302.09	109035.87	61.00	11.34	5.69	10.65	110.10	N/A

END WESTBOUND  
 MEDIAN EOP 3 ALIGNMENT  
 STA = 12+60.64 =  
 HCL STA = 121+46.78, 0.34' RT  
 N = 54335.64  
 E = 109080.32

BEGIN WESTBOUND  
 MEDIAN EOP 4 ALIGNMENT  
 STA = 0+50.00 =  
 HCL STA = 121+73.00, 1.50' RT  
 N = 54354.10  
 E = 109098.98

PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12
Last Modification Date:	10/12/12
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Acad Ver.	2011

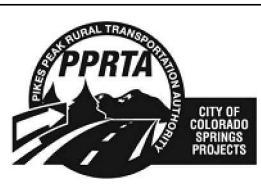
REVISIONS		
No.	Description	Date

STATEMENT:  
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**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: NAB  
 CHECKED BY: MAK

**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE			
WESTBOUND MEDIAN EOP 3 AND 4			
Subset:	PR	Subset Sheets:	PR12 of PR19
Sheet No:		727	



MATCHLINE - STA 2+17  
(SEE SHEET PR12)

MATCHLINE STA - 1+35 (SEE SHEET PR14)

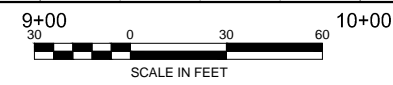
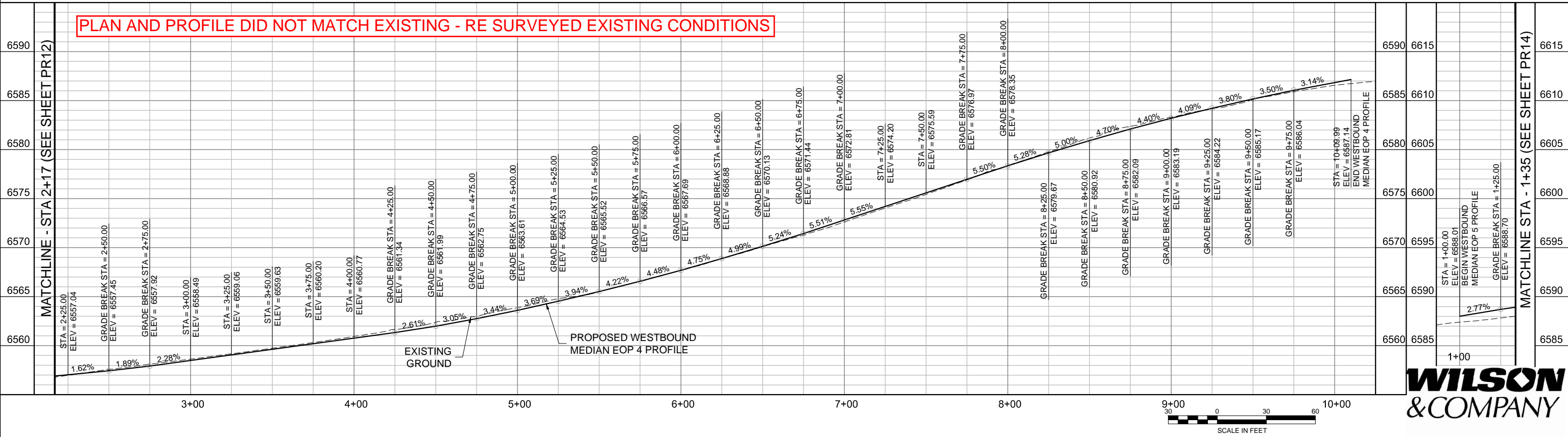
END WESTBOUND  
MEDIAN EOP 4 ALIGNMENT  
STA = 10+59.99 =  
HCL STA = 131+82.10, 9.50' LT  
N = 55102.34  
E = 109776.14

BEGIN WESTBOUND  
MEDIAN EOP 5 ALIGNMENT  
STA = 0+75.00 =  
HCL STA = 131+30.26, 7.12' RT  
N = 55053.00  
E = 109753.13

<p>C38</p> <p>PI STA = 3+93.63 N = 54606.36 E = 109332.32 R = 150.00 L = 33.12 T = 16.63 Δ = 12.65 D = 38.94 e = N/A</p>	<p>C39</p> <p>PI STA = 4+45.43 N = 54651.28 E = 109358.38 R = 300.00 L = 70.30 T = 35.31 Δ = 13.43 D = 19.19 e = N/A</p>	<p>C40</p> <p>PI STA = 4+85.21 N = 54680.35 E = 109386.01 R = 1100.00 L = 9.59 T = 4.79 Δ = 0.50 D = 5.21 e = N/A</p>	<p>C41</p> <p>PI STA = 6+57.83 N = 54804.43 E = 109506.01 R = 1100.00 L = 24.44 T = 12.22 Δ = 1.27 D = 5.21 e = N/A</p>	<p>C42</p> <p>PI STA = 7+97.85 N = 54907.22 E = 109601.09 R = 1100.00 L = 24.44 T = 12.22 Δ = 1.27 D = 5.21 e = N/A</p>	<p>C43</p> <p>PI STA = 9+77.89 N = 55042.07 E = 109720.39 R = 1100.00 L = 24.44 T = 12.22 Δ = 1.27 D = 5.21 e = N/A</p>
--	--	---	---	---	---

<p>C44</p> <p>PI STA = 1+05.60 N = 55078.89 E = 109769.43 R = 60.00 L = 11.16 T = 5.60 Δ = 10.65 D = 112.89 e = N/A</p>
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PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



PLOT DATE: 1/15/2013

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Creation Date:	08/24/12
Last Modification Date:	10/12/12
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Drawing File Name:	PR10-PR14.dwg
Acad Ver.	2011

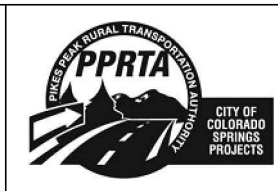
REVISIONS		
No.	Description	Date

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Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE			
WESTBOUND MEDIAN EOP 4 AND 5			
Subset:	PR	Subset Sheets:	PR13 of PR19
Sheet No:		728	



MATCHLINE - STA 1+35  
(SEE SHEET PR13)

C45	PI STA = 2+86.42 N = 55211.65 E = 109892.24 R = 1079.00 L = 218.99 T = 109.87 Δ = 11.63 D = 5.31 e = N/A	C46	PI STA = 4+16.71 N = 55323.81 E = 109960.01 R = 150.00 L = 42.07 T = 21.17 Δ = 16.07 D = 38.94 e = N/A	C47	PI STA = 4+65.74 N = 55371.42 E = 109972.83 R = 300.00 L = 56.10 T = 28.13 Δ = 10.71 D = 19.19 e = N/A	C48	PI STA = 5+11.72 N = 55412.97 E = 109992.91 R = 1067.50 L = 36.02 T = 18.01 Δ = 1.93 D = 5.37 e = N/A
-----	--	-----	--	-----	--	-----	---

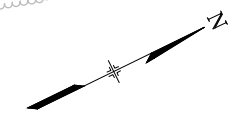
ALIGNMENT WESTBOUND  
MEDIAN EOP 5

END WESTBOUND  
MEDIAN EOP 5 ALIGNMENT  
STA = 6+95.69 =  
HCL STA = 137+50.00, 10.50' LT  
N = 55581.23  
E = 110067.31

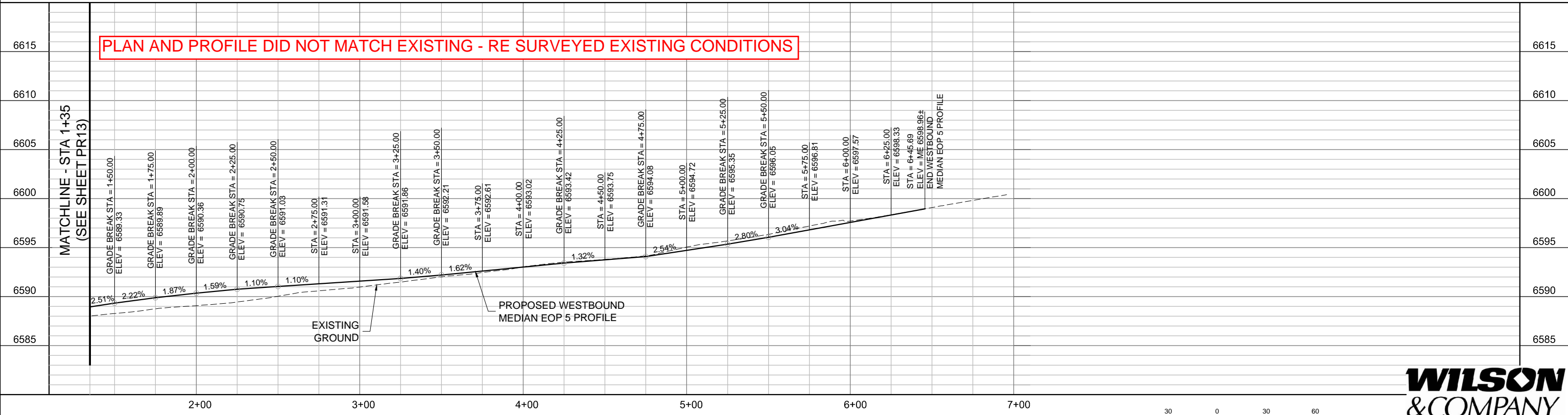
AUSTIN BLUFFS PARKWAY

RUBY DRIVE

OLD FARM DRIVE



PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12
Last Modification Date:	10/12/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	PR10-PR14.dwg
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Scale:	AS SHOWN

REVISIONS		
No.	Description	Date

STATEMENT:  
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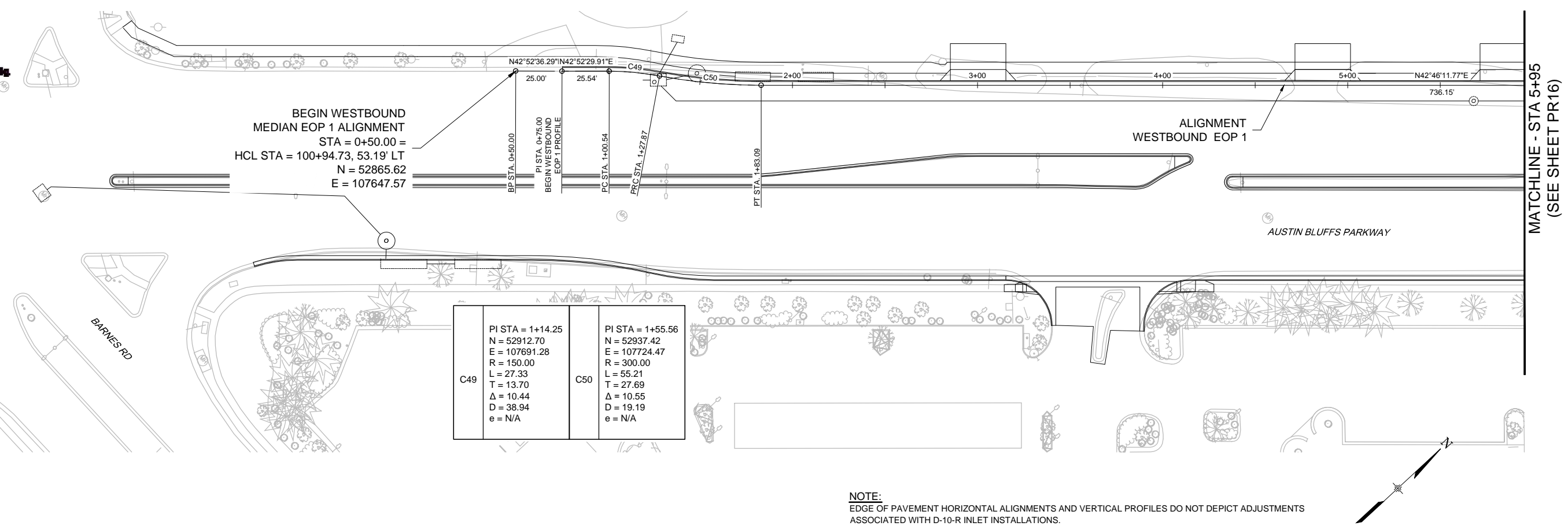
**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY PROFILE		
WESTBOUND MEDIAN EOP 5		
Subset:	PR	Subset Sheets: PR14 to PR19
Sheet No:		729

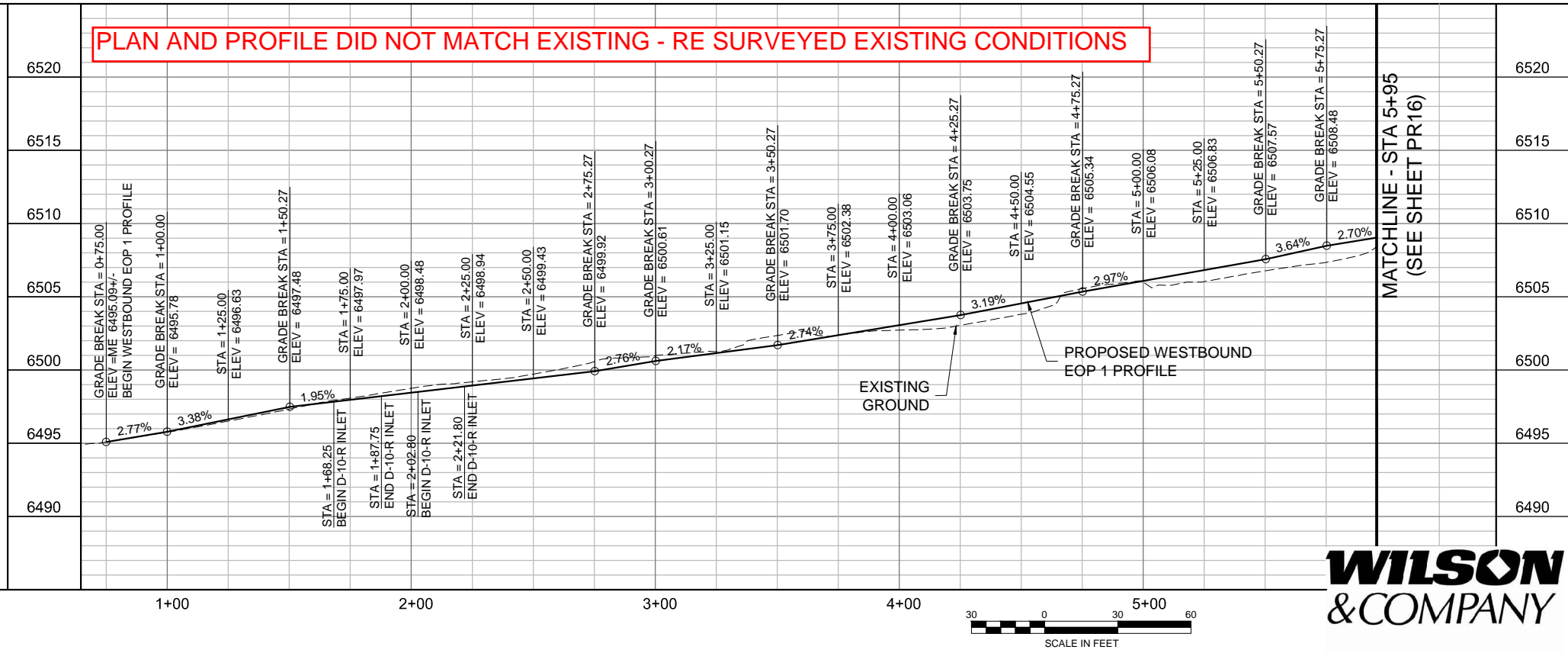


BEGIN WESTBOUND  
 MEDIAN EOP 1 ALIGNMENT  
 STA = 0+50.00 =  
 HCL STA = 100+94.73, 53.19' LT  
 N = 52865.62  
 E = 107647.57

C49	PI STA = 1+14.25	PI STA = 1+55.56
	N = 52912.70	N = 52937.42
	E = 107691.28	E = 107724.47
	R = 150.00	R = 300.00
	L = 27.33	L = 55.21
	T = 13.70	T = 27.69
	Δ = 10.44	Δ = 10.55
	D = 38.94	D = 19.19
	e = N/A	e = N/A

**NOTE:**  
 EDGE OF PAVEMENT HORIZONTAL ALIGNMENTS AND VERTICAL PROFILES DO NOT DEPICT ADJUSTMENTS ASSOCIATED WITH D-10-R INLET INSTALLATIONS.

**PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS**



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12 Initials: NAB
Last Modification Date:	10/12/12 Initials: NAB
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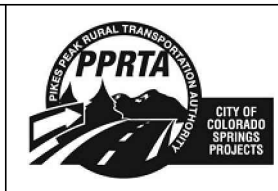
REVISIONS		
No.	Description	Date

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**RFP Set**



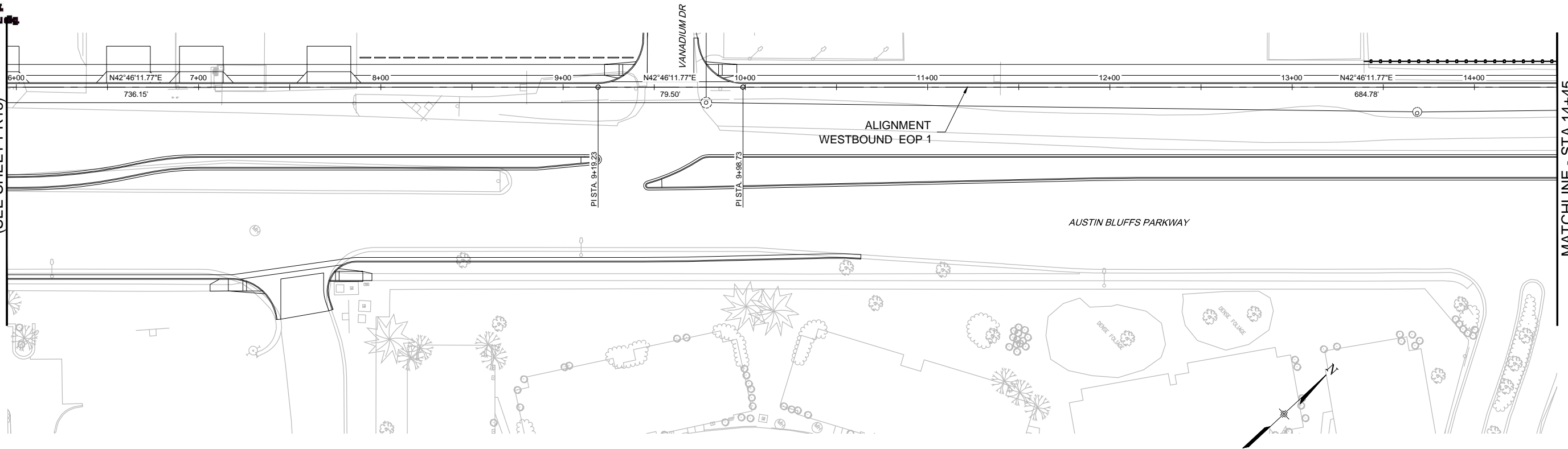
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY PROFILE WESTBOUND EOP 1		
Subset:	PR	Subset Sheets: PR15 of PR19 Sheet No: 730



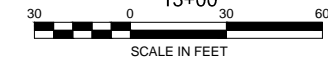
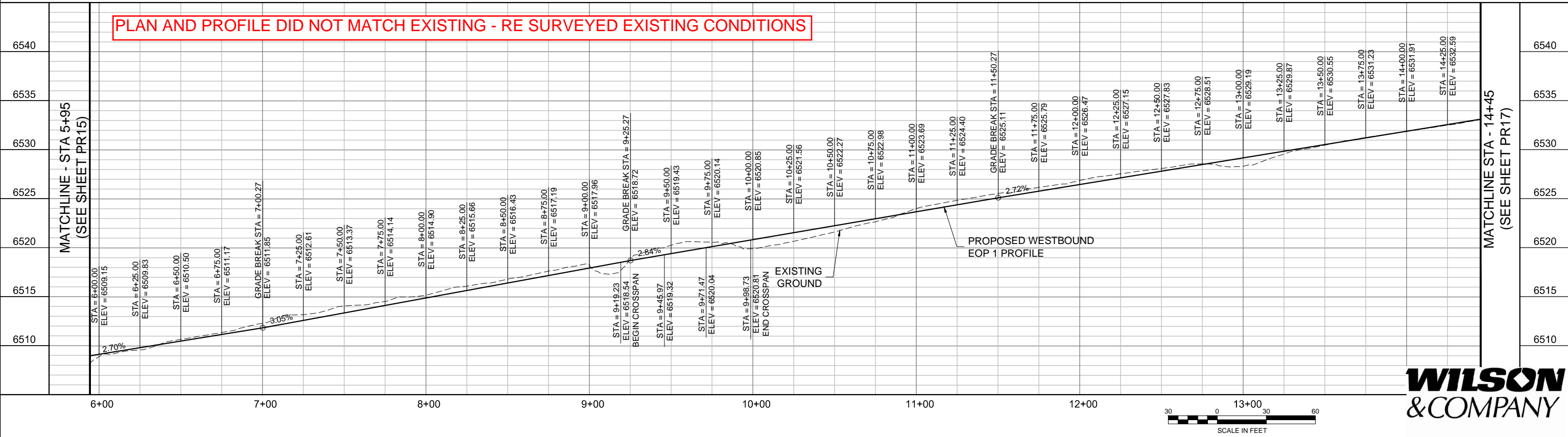
Know what's below.  
Call before you dig.

MATCHLINE - STA 5+95  
(SEE SHEET PR15)

MATCHLINE - STA 14+45  
(SEE SHEET PR17)



PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



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Last Modification Date:	10/12/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	PR15-PR19.dwg
Acad Ver.	2011

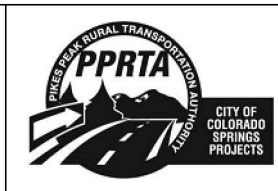
REVISIONS		
No.	Description	Date

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DRAWN BY: NAB  
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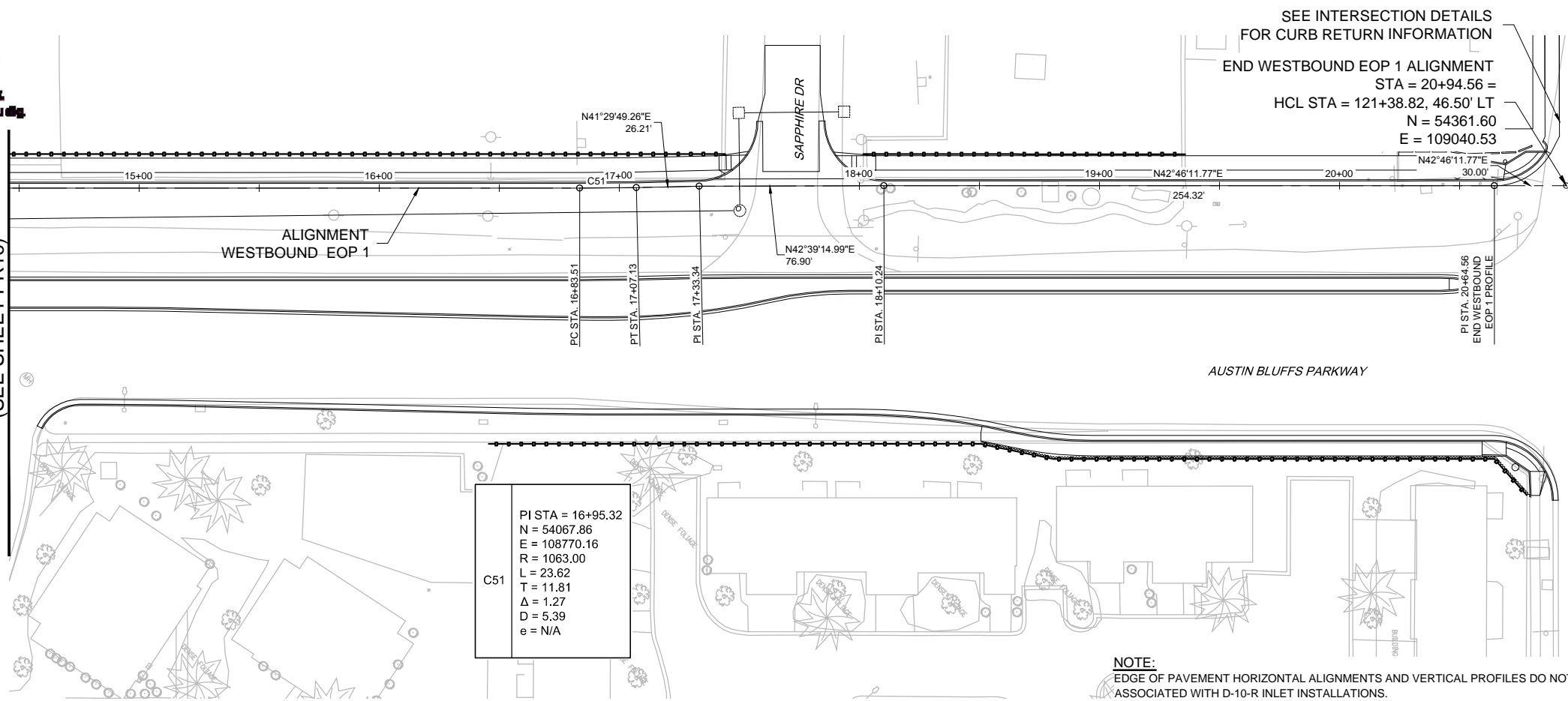
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE WESTBOUND EOP 1			
Subset:	PR	Subset Sheets:	PR16 of PR19
			Sheet No: 731



MATCHLINE - STA 14+45  
(SEE SHEET PR16)



C51  
PI STA = 16+95.32  
N = 54067.86  
E = 108770.16  
R = 1063.00  
L = 23.62  
T = 11.81  
Δ = 1.27  
D = 5.39  
e = N/A

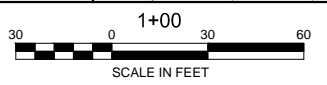
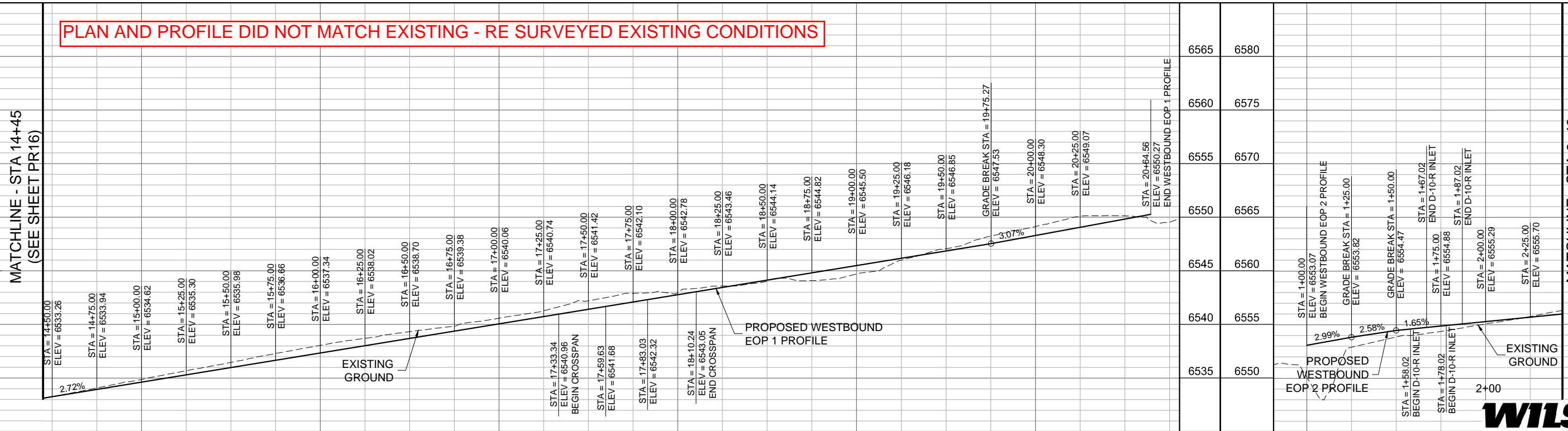
NOTE:  
EDGE OF PAVEMENT HORIZONTAL ALIGNMENTS AND VERTICAL PROFILES DO NOT DEPICT ADJUSTMENTS ASSOCIATED WITH D-10-R INLET INSTALLATIONS.

SEE INTERSECTION DETAILS FOR CURB RETURN INFORMATION  
END WESTBOUND EOP 1 ALIGNMENT  
STA = 20+94.56 =  
HCL STA = 121+38.82, 46.50' LT  
N = 54361.60  
E = 109040.53

SEE INTERSECTION DETAILS FOR CURB RETURN INFORMATION  
BEGIN WESTBOUND EOP 2 ALIGNMENT  
STA = 0+75.00 =  
HCL STA = 121+71.96, 46.50' LT  
N = 54385.93  
E = 109063.03

MATCHLINE - STA 2+43  
(SEE SHEET PR18)

PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12 Initials: NAB
Last Modification Date:	10/12/12 Initials: NAB
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Acad Ver.	2011 Scale: AS SHOWN

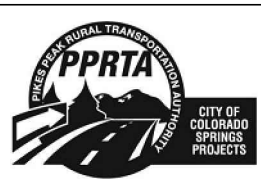
REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

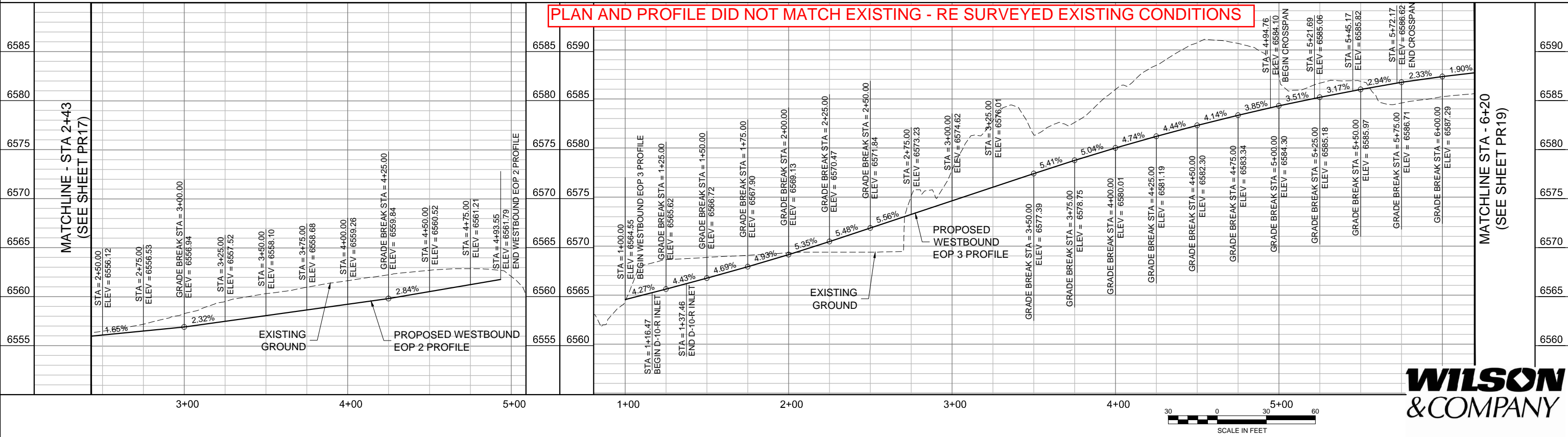
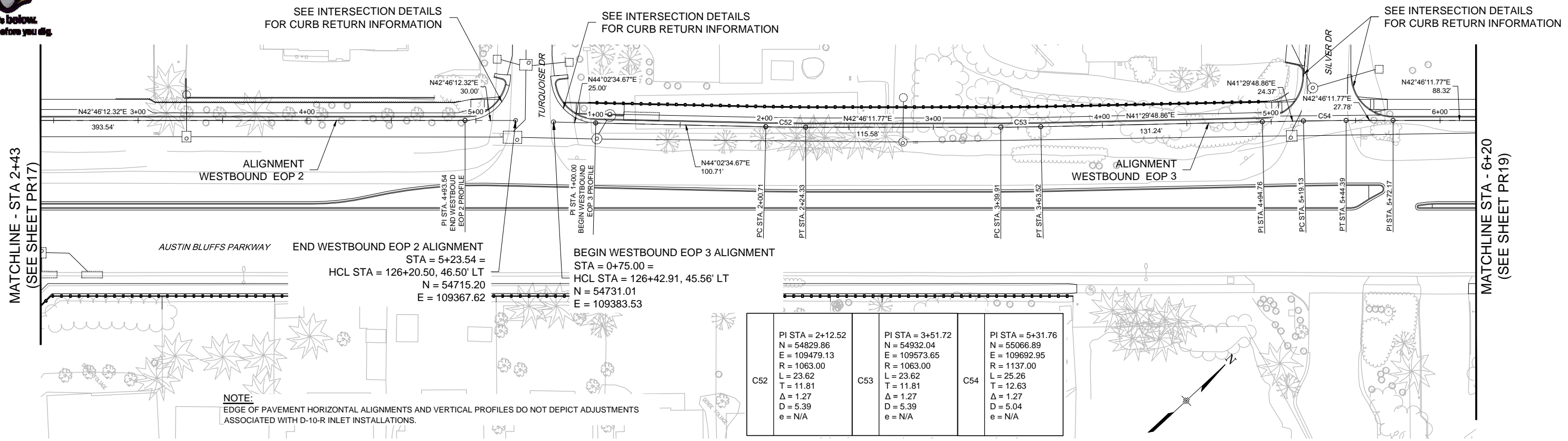
**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE			
WESTBOUND EOP 1 AND 2			
Subset:	PR	Subset Sheets:	PR17 of PR19
Sheet No:		732	



COMPUTER FILE INFORMATION	
Creation Date:	08/24/12
Last Modification Date:	10/12/12
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Acad Ver.	2011

REVISIONS		
No.	Description	Date

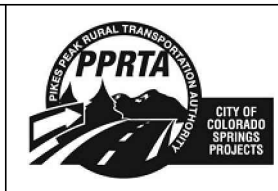
STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**

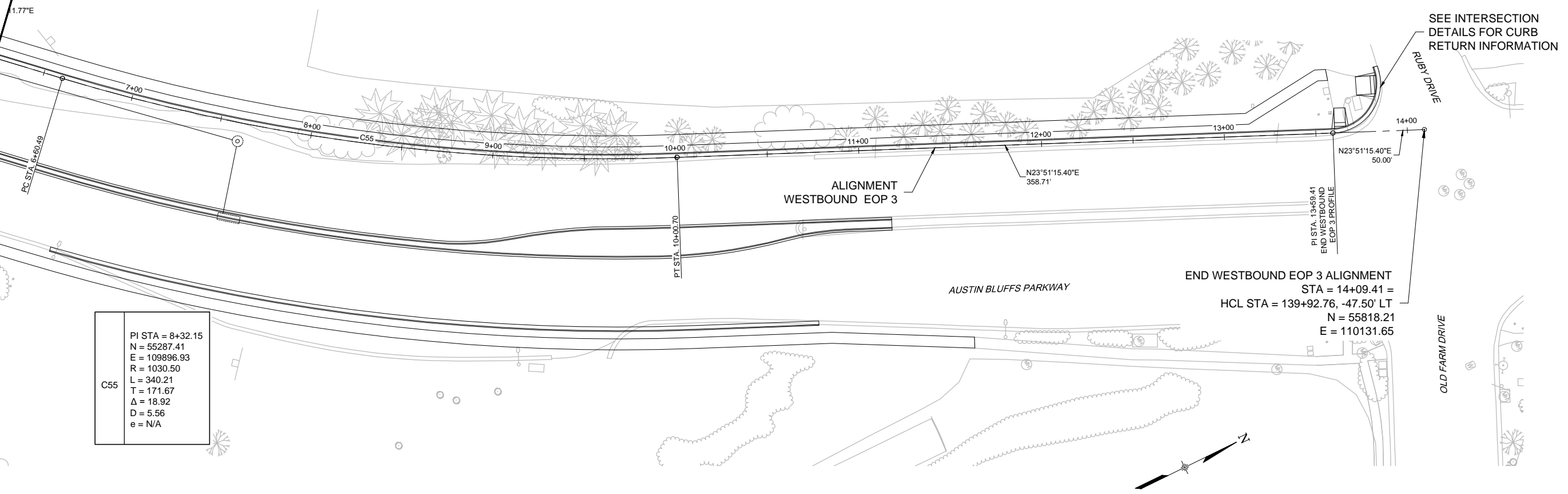


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE			
WESTBOUND EOP 2 AND 3			
Subset:	PR	Subset Sheets:	PR18 of PR19
Sheet No:		733	

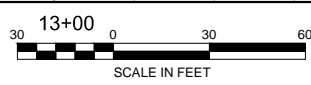
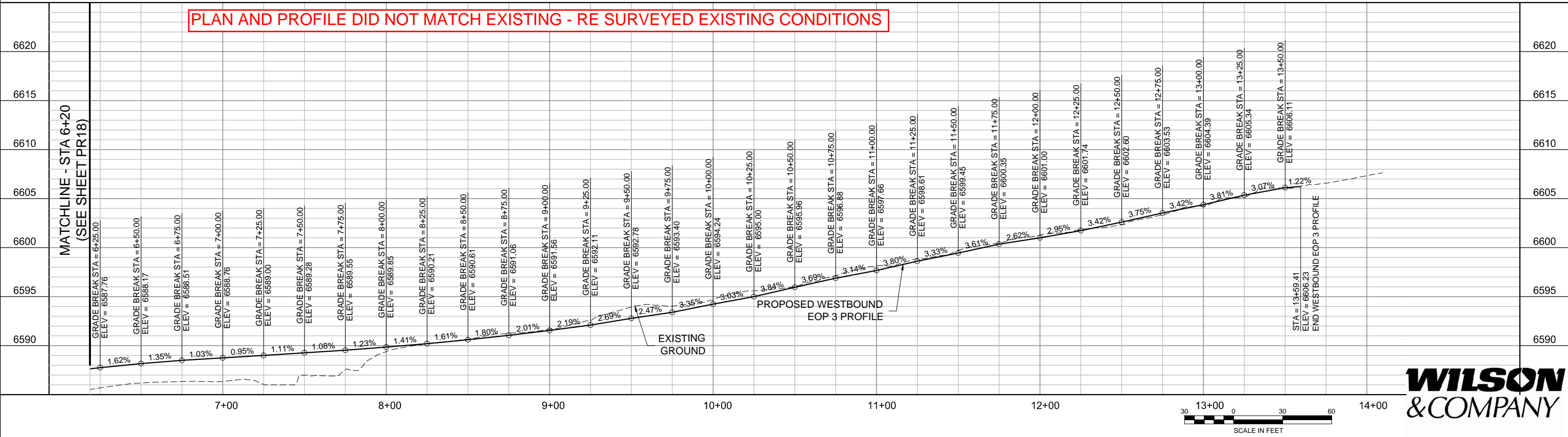
PLOT DATE: 1/15/2013



MATCHLINE - STA 6+20  
(SEE SHEET PR18)



PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	08/24/12
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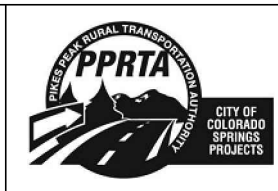
REVISIONS		
No.	Description	Date

STATEMENT:  
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DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**

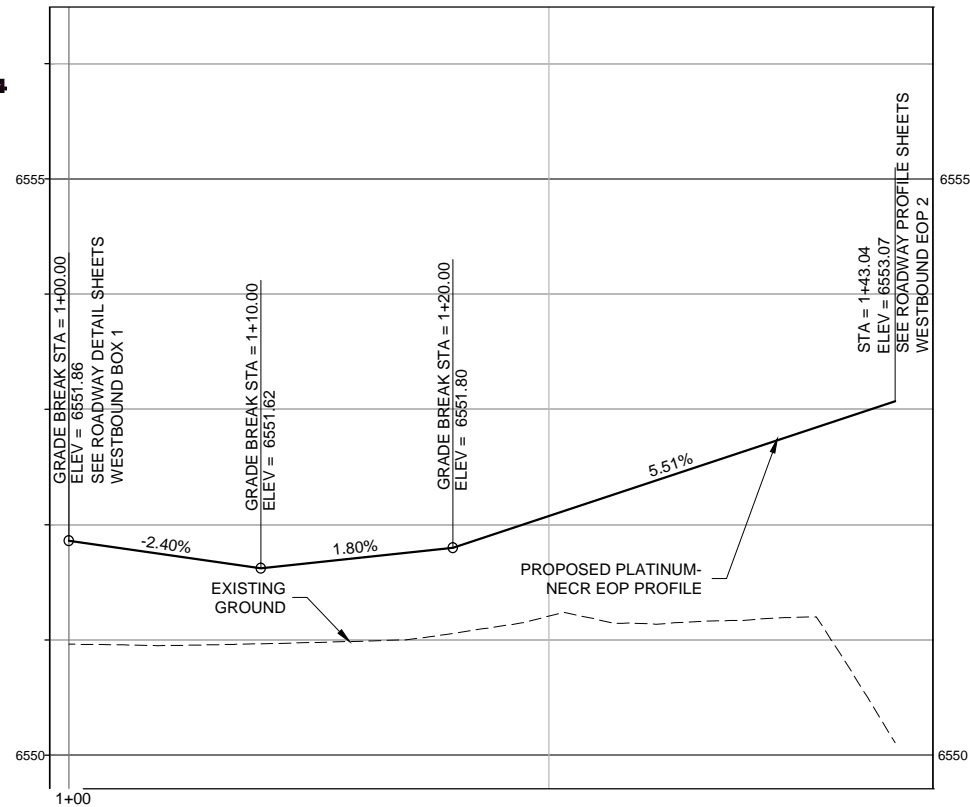


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY PROFILE WESTBOUND EOP 3			
Subset:	PR	Subset Sheets:	PR19 of PR19
Sheet No:		734	





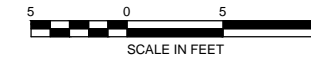
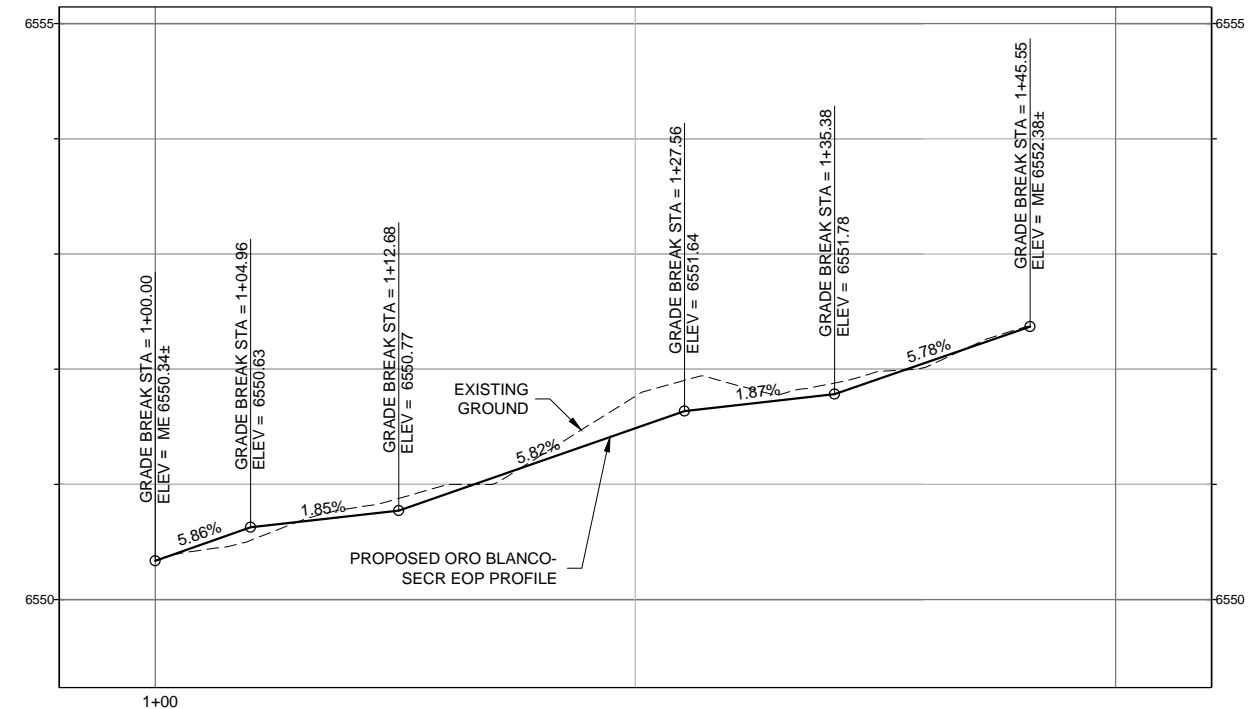
Know what's below.  
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PLATINUM-NECR EOP PROFILE

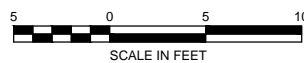
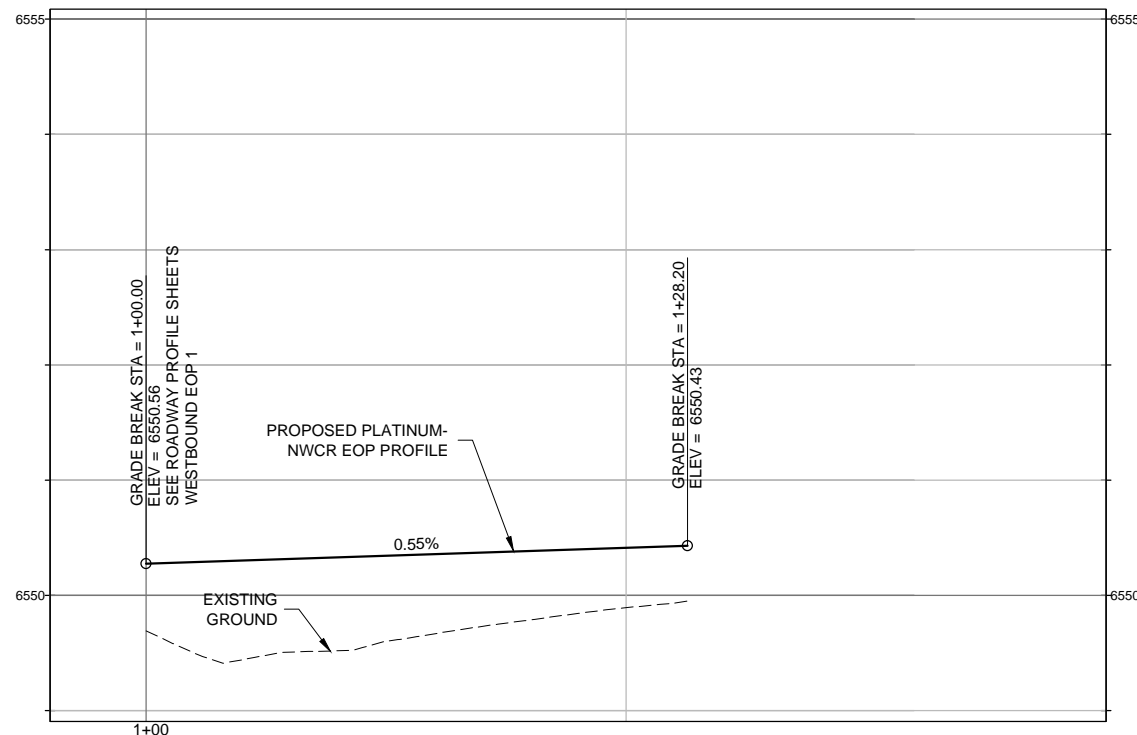
NOTE: CONTRACTOR SHALL SMOOTH GRADE BREAKS FOR A PLEASING APPEARANCE.

PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS



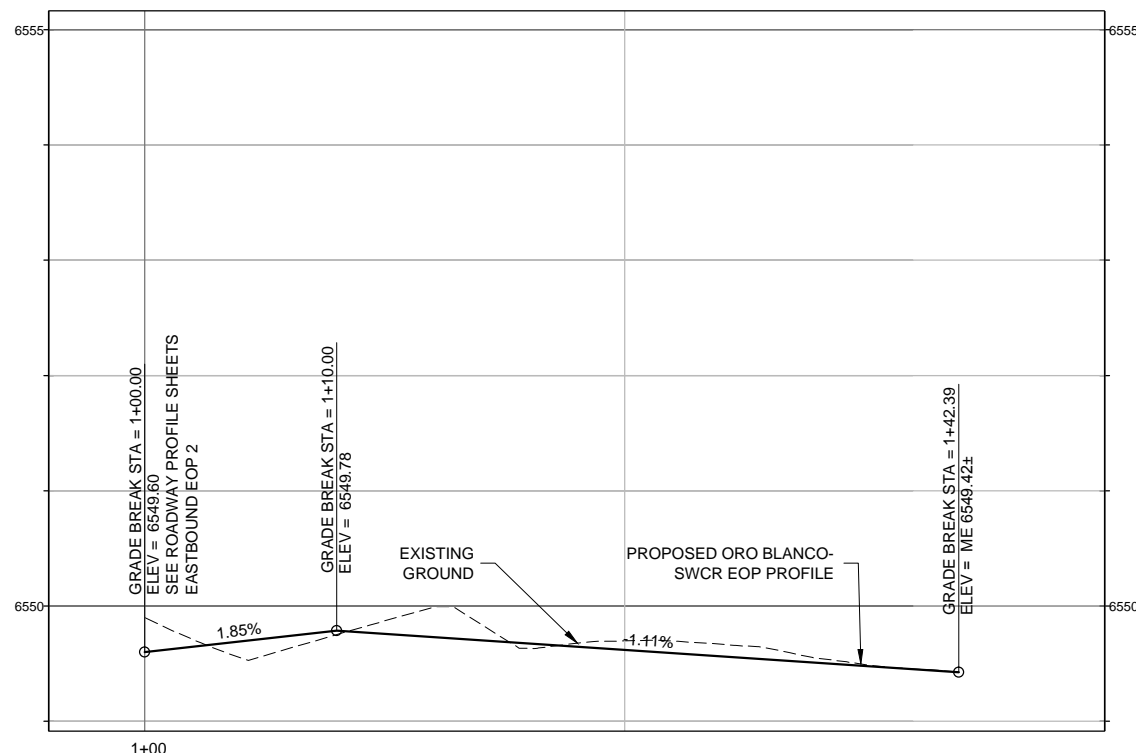
ORO BLANCO-SECR EOP PROFILE

NOTE: CONTRACTOR SHALL SMOOTH GRADE BREAKS FOR A PLEASING APPEARANCE.



PLATINUM-NWCR EOP PROFILE

NOTE: CONTRACTOR SHALL SMOOTH GRADE BREAKS FOR A PLEASING APPEARANCE.



ORO BLANCO-SWCR EOP PROFILE

NOTE: CONTRACTOR SHALL SMOOTH GRADE BREAKS FOR A PLEASING APPEARANCE.



PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	02/18/11
Last Modification Date:	10/12/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	PF01-PF02.dwg
Acad Ver.	2011

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No.	Description	Date

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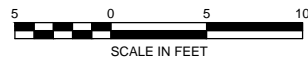
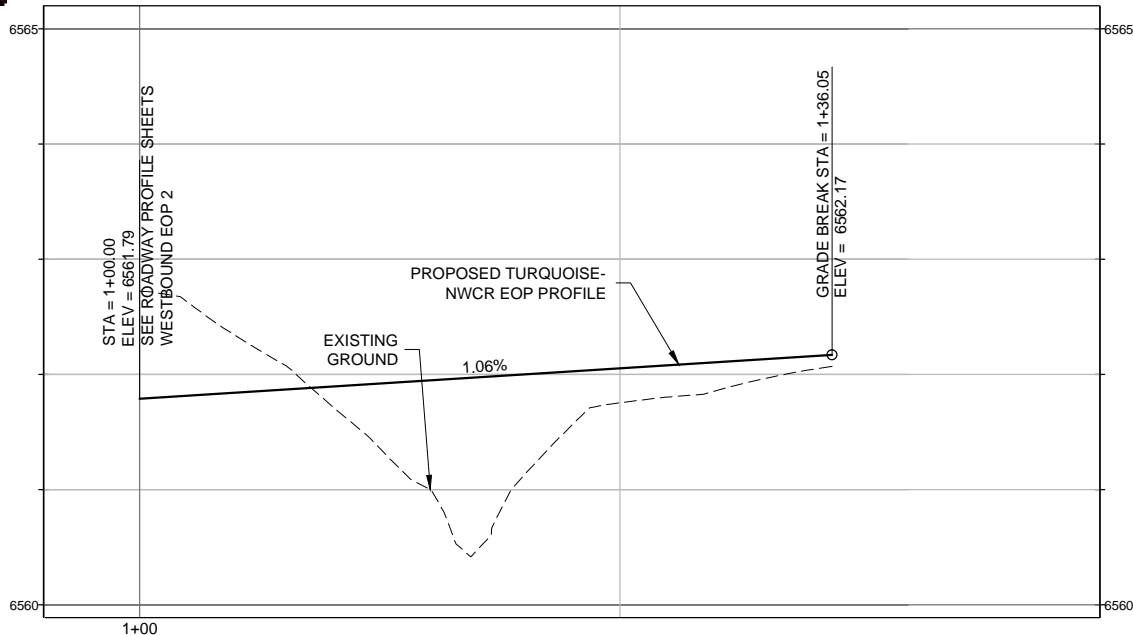
RFP Set



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CURB RETURN PROFILES		
Subset:	PF	Subset Sheets: PF01 of PF02
Sheet No:		735

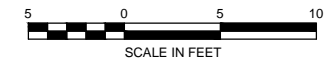
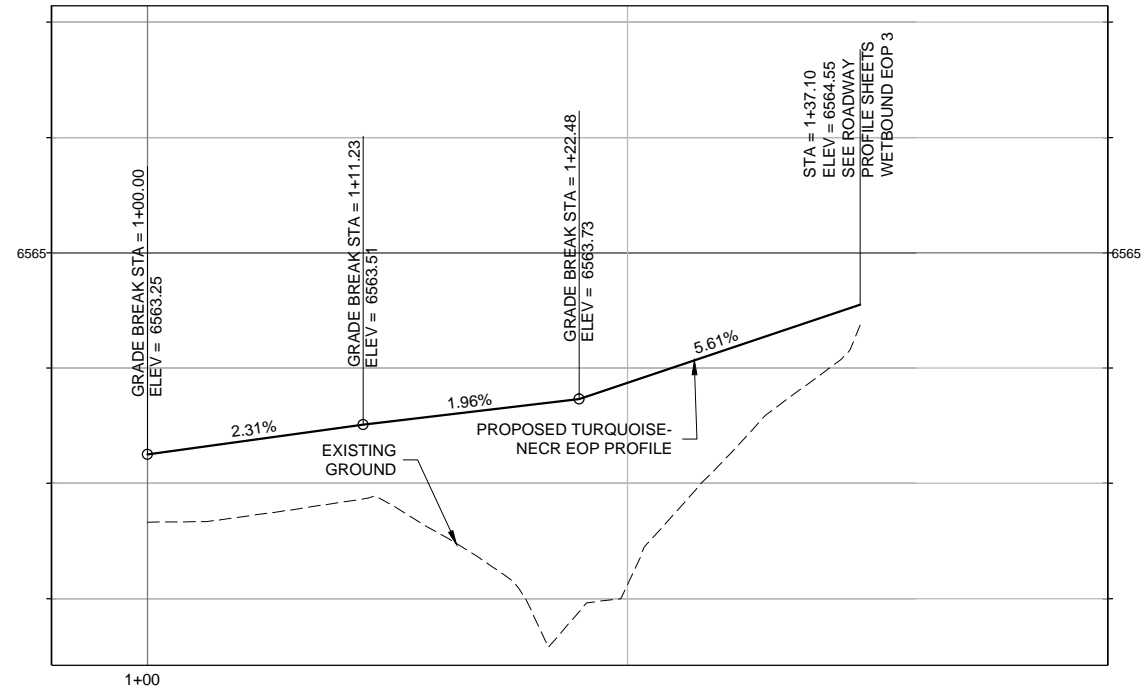


Know what's below.  
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**TURQUOISE-NWCR EOP PROFILE**

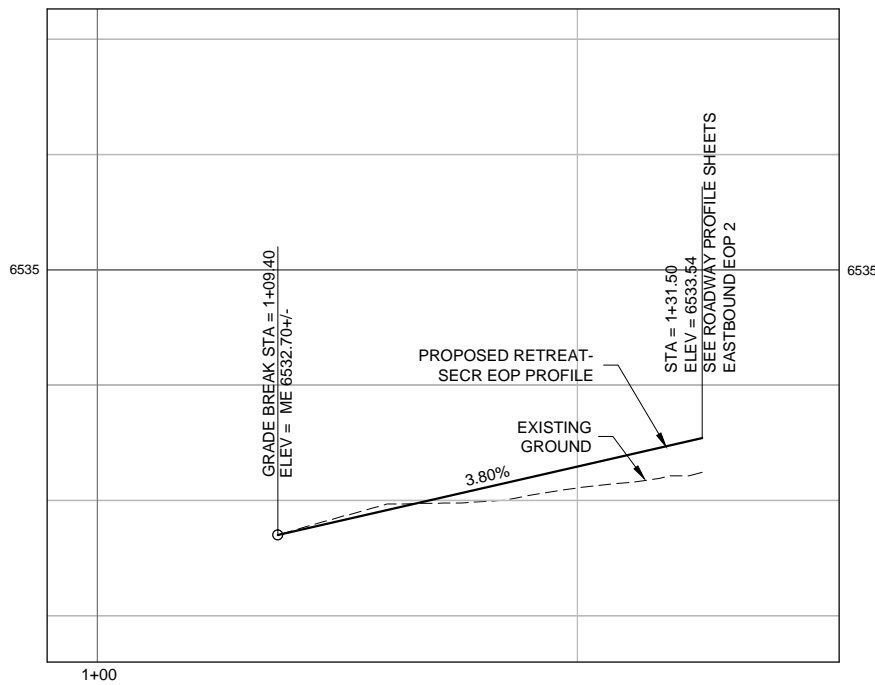
NOTE: CONTRACTOR SHALL SMOOTH GRADE BREAKS FOR A PLEASING APPEARANCE.



**TURQUOISE-NECR PROFILE**

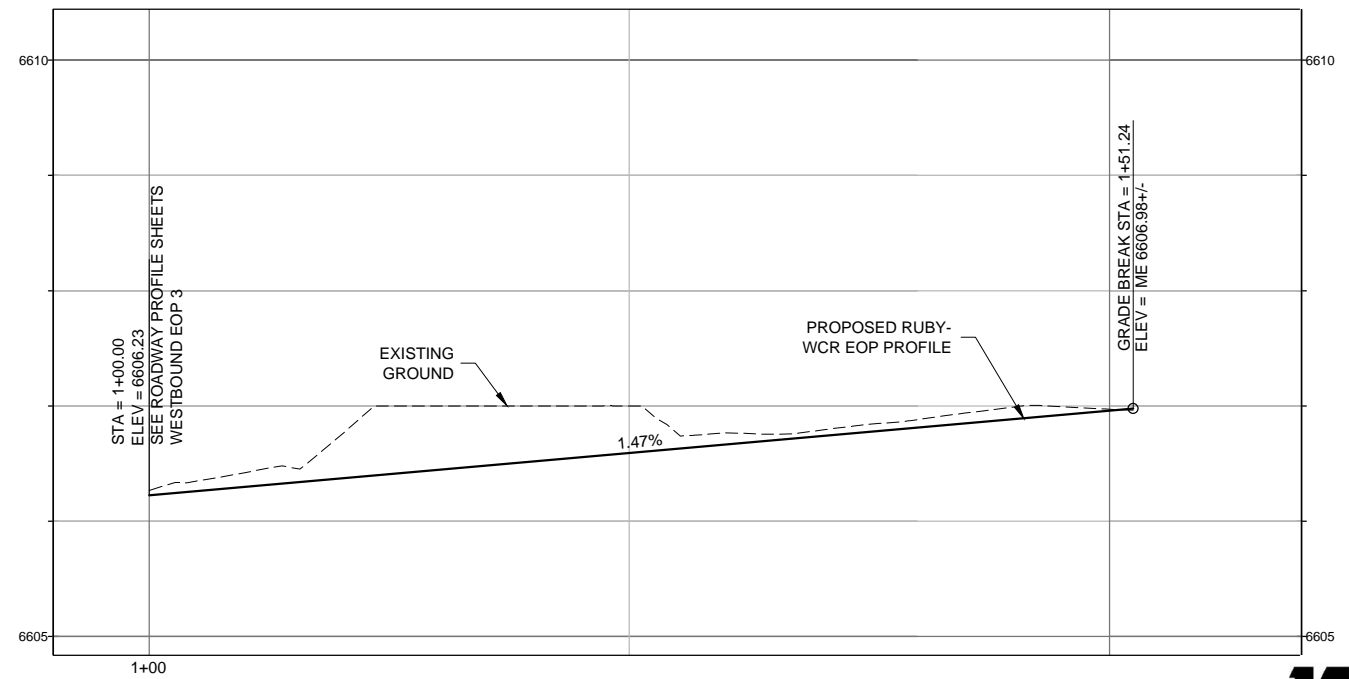
NOTE: CONTRACTOR SHALL SMOOTH GRADE BREAKS FOR A PLEASING APPEARANCE.

**PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS**



**RETREAT-SECR EOP PROFILE**

NOTE: CONTRACTOR SHALL SMOOTH GRADE BREAKS FOR A PLEASING APPEARANCE.



**RUBY-WCR PROFILE**

NOTE: CONTRACTOR SHALL SMOOTH GRADE BREAKS FOR A PLEASING APPEARANCE.



PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	02/18/11
Last Modification Date:	10/12/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	PF01-PF02.dwg
Acad Ver.	2011
Scale:	AS SHOWN

REVISIONS		
No.	Description	Date

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DESIGNED BY: NAB  
DRAWN BY: MAB  
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**RFP Set**

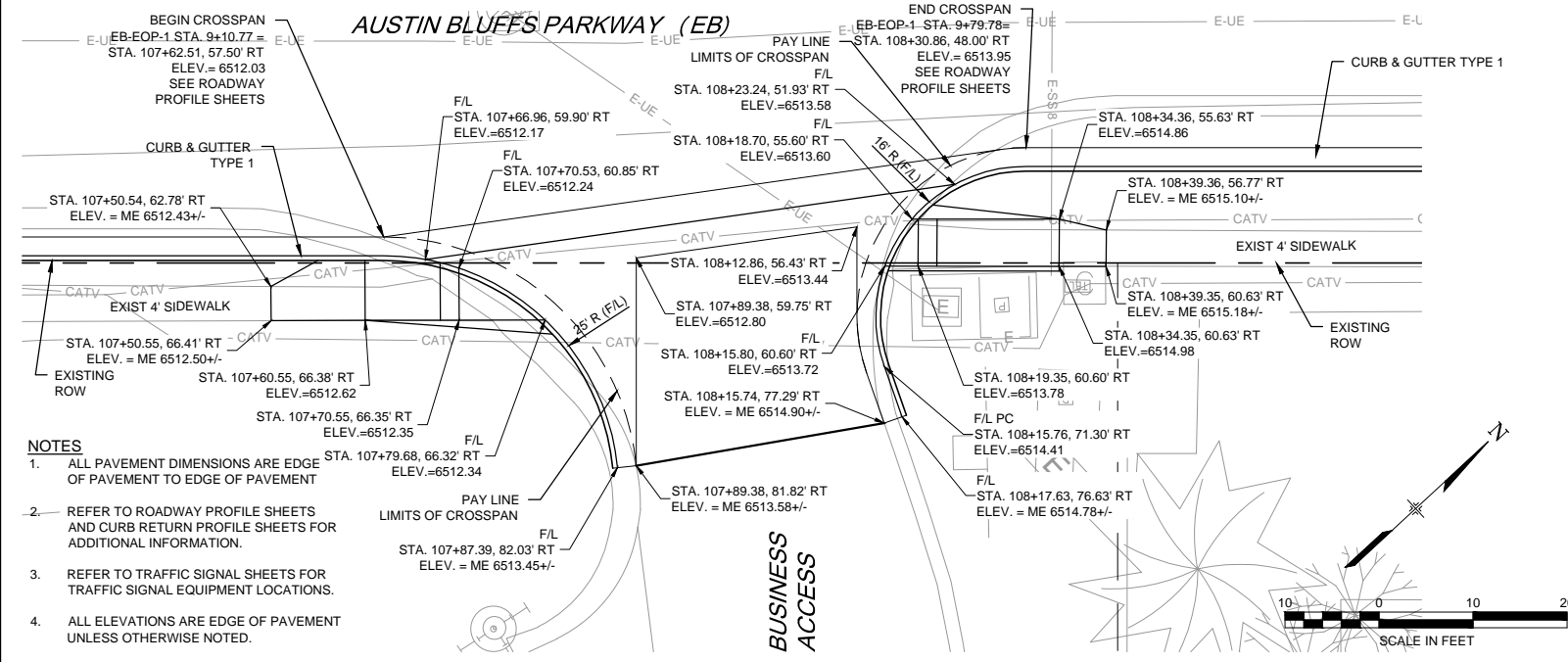
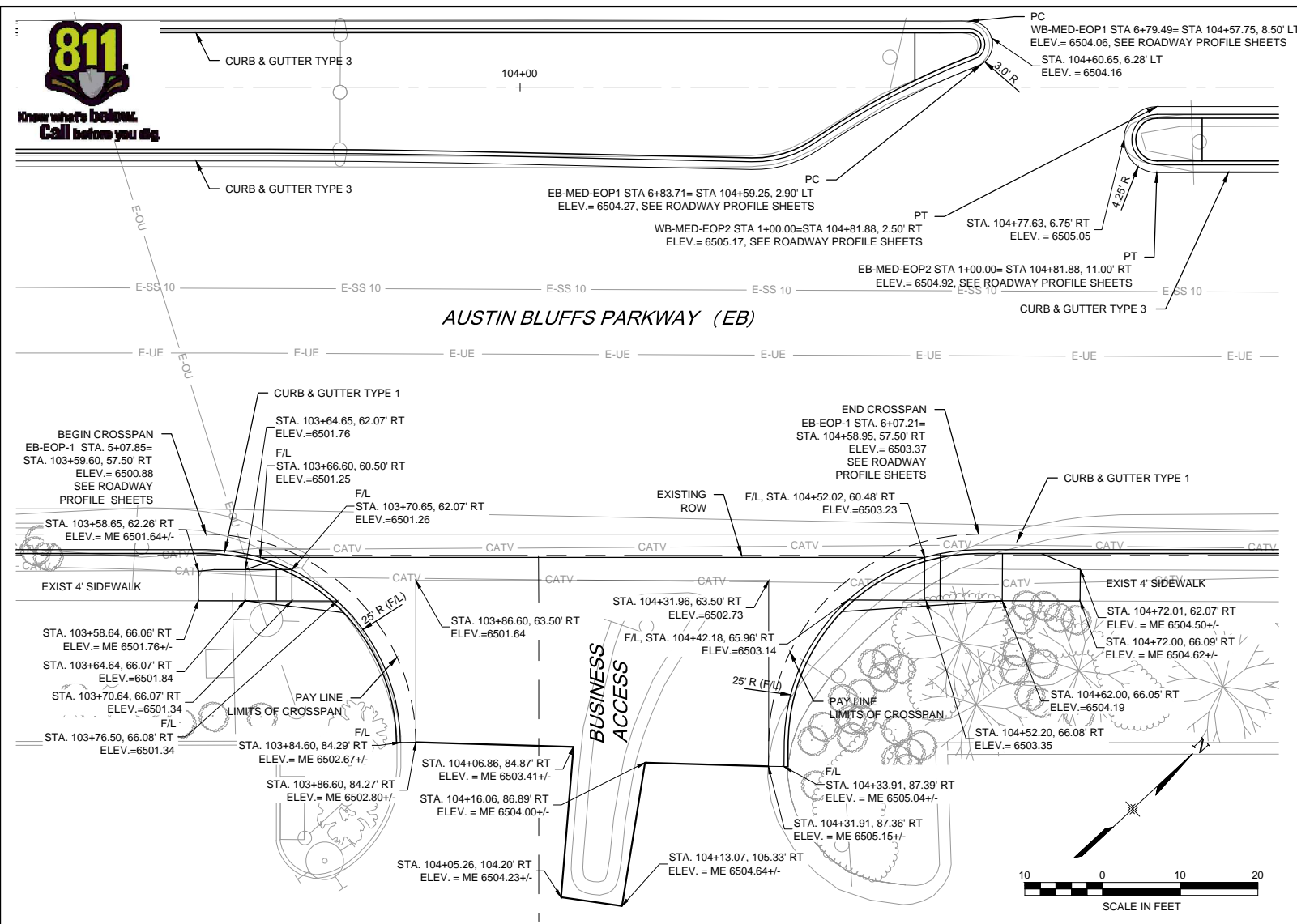


CITY OF COLORADO SPRINGS PROJECTS

AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
CURB RETURN PROFILES		
Subset:	PF	Subset Sheets: PF02 of PF02
Sheet No:	736	



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**COMPUTER FILE INFORMATION**

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Last Modification Date:	10/12/12	Initials:	NAB
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Acad Ver.	2011	Scale:	AS SHOWN

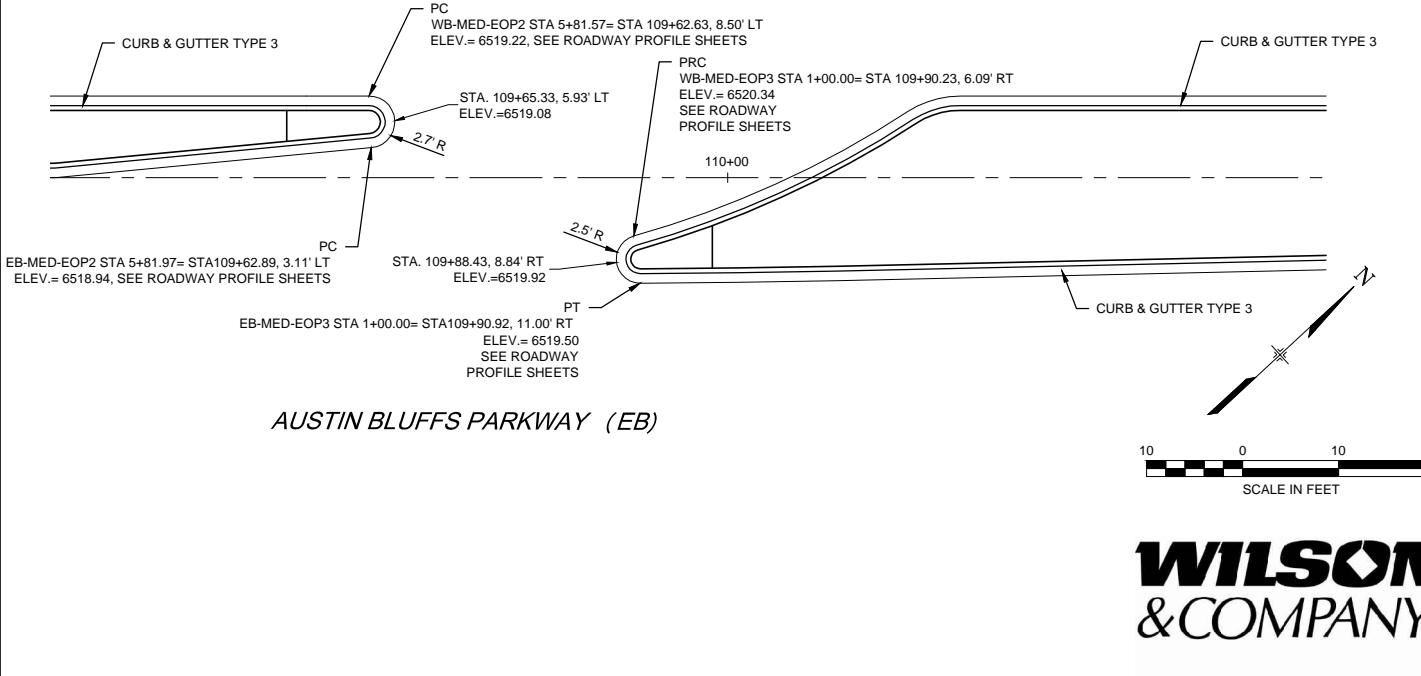
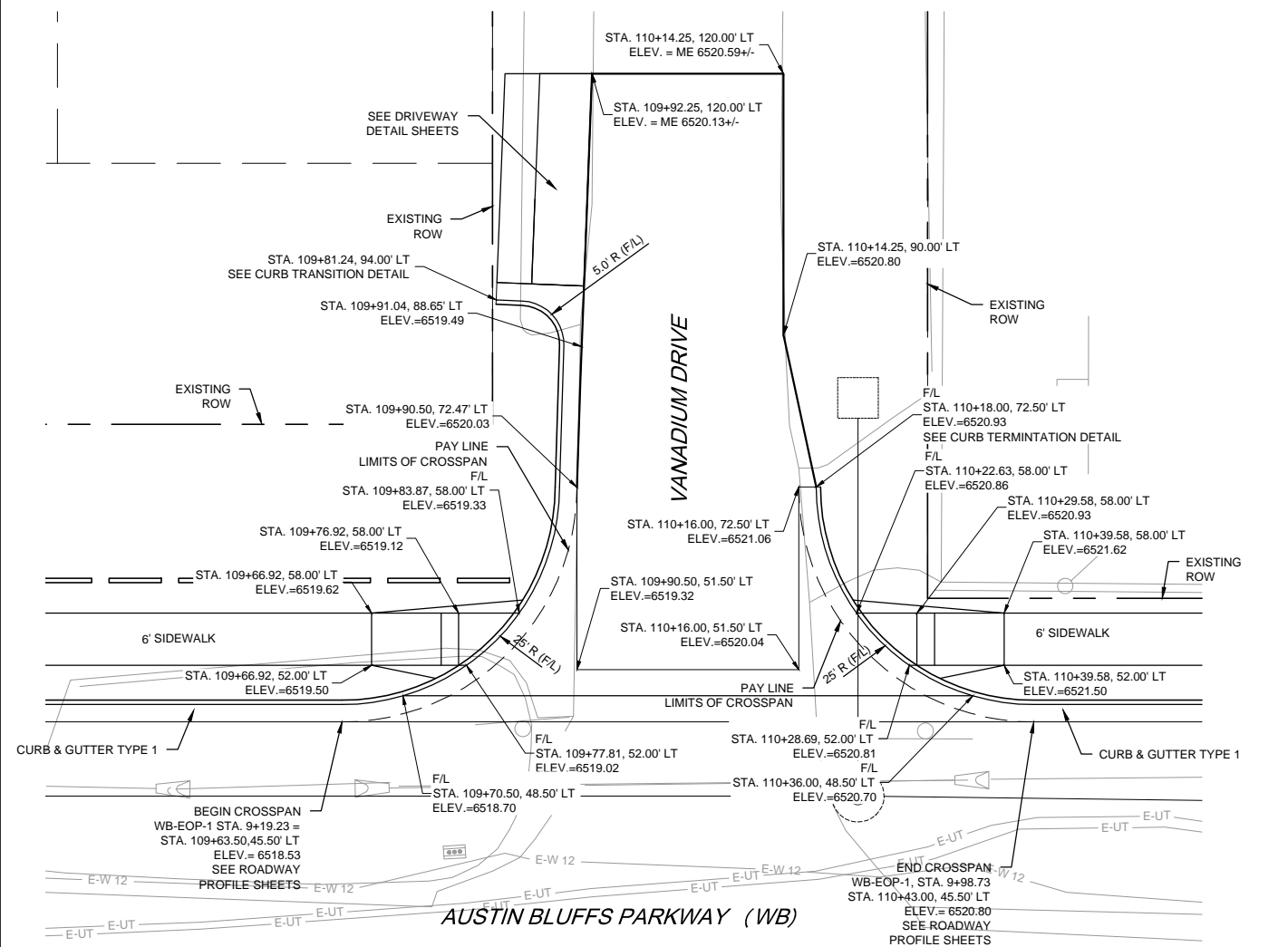
**REVISIONS**

No.	Description	Date

**STATEMENT:**

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**PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS**



PLOT DATE: 1/19/2013



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DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



**AUSTIN BLUFFS PARKWAY**  
Segment 3 - Barnes Rd. to Old Farm Dr.

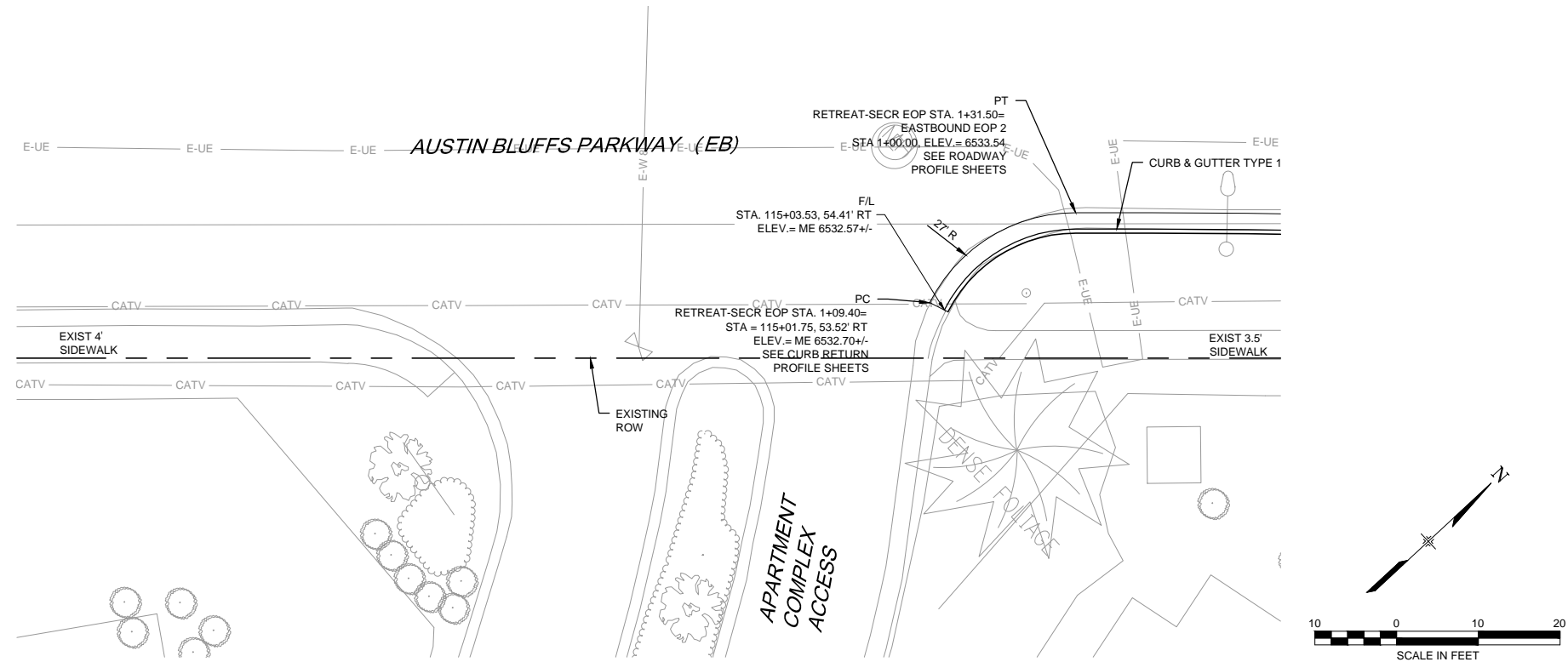
**INTERSECTION DETAIL PLANS**

Subset:	IN	Subset Sheets:	IN01 of IN04	Sheet No:	737
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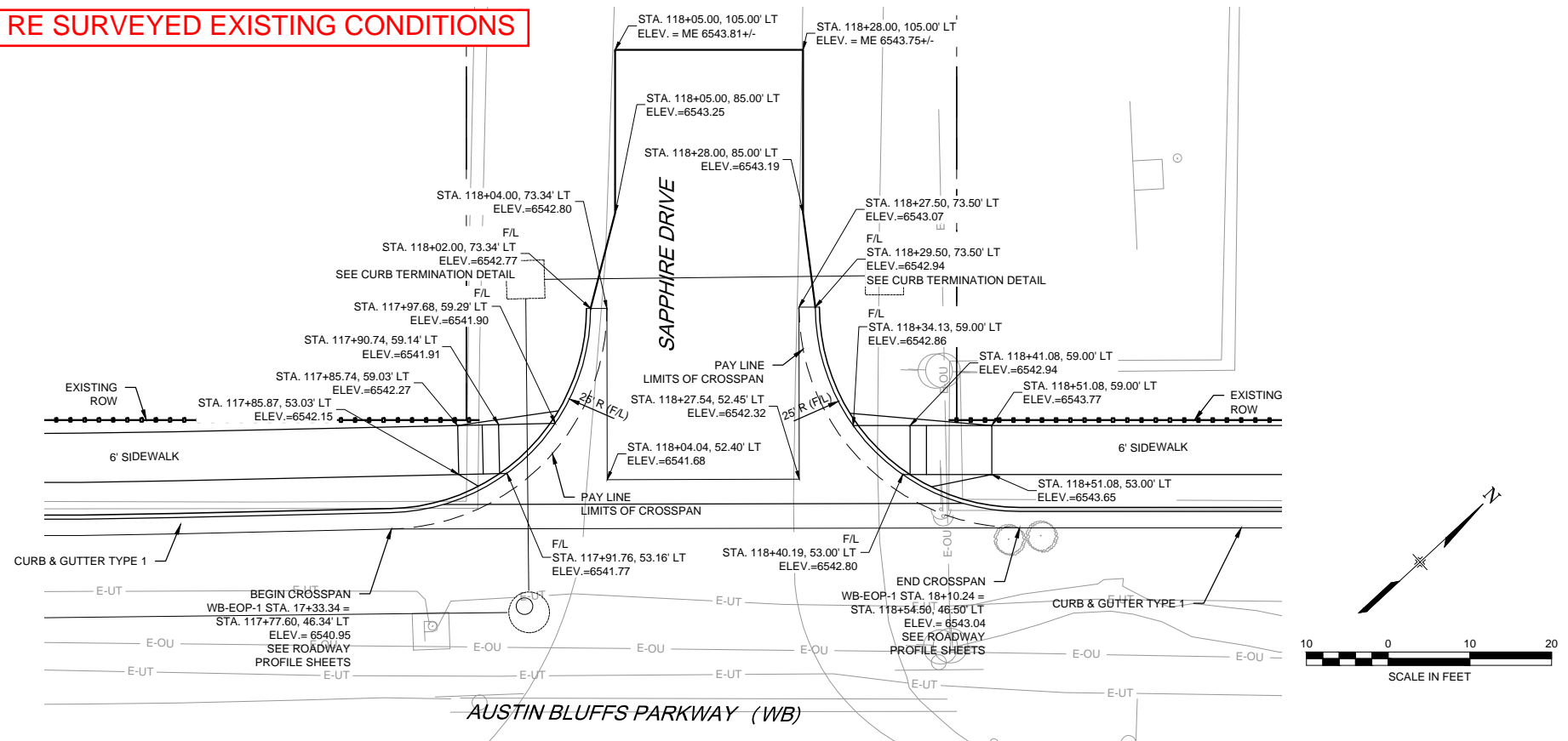




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**PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS**



**NOTES**

1. ALL PAVEMENT DIMENSIONS ARE EDGE OF PAVEMENT TO EDGE OF PAVEMENT
2. REFER TO ROADWAY PROFILE SHEETS AND CURB RETURN PROFILE SHEETS FOR ADDITIONAL INFORMATION.
3. REFER TO TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL EQUIPMENT LOCATIONS.
4. ALL ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

PLOT DATE: 1/19/2013

COMPUTER FILE INFORMATION	
Creation Date:	05/23/11 Initials: MAK
Last Modification Date:	10/12/12 Initials: NAB
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Drawing File Name:	IN01-IN04.dwg
Acad Ver.	2011 Scale: AS SHOWN

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**RFP Set**



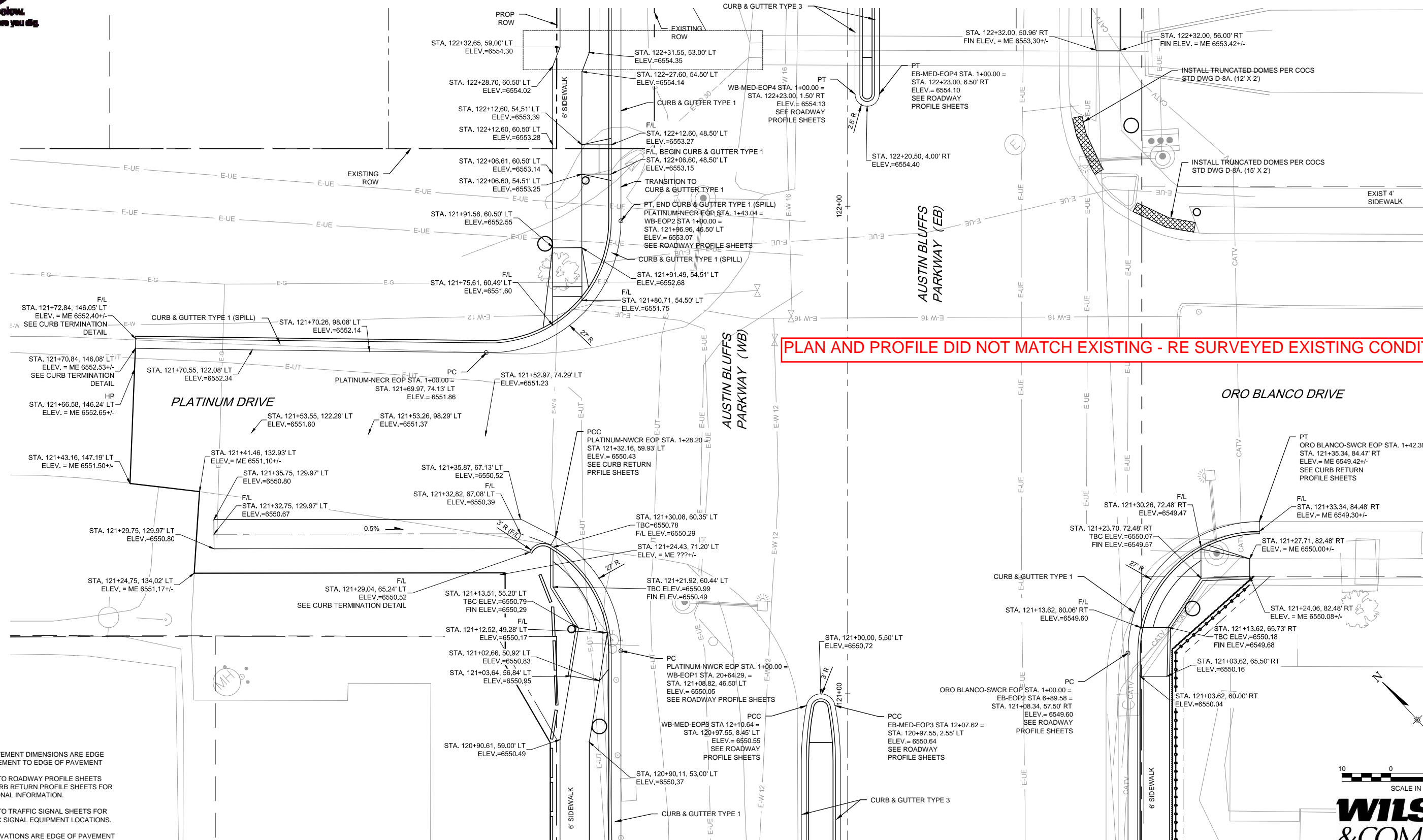
CITY OF COLORADO SPRINGS PROJECTS

AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
INTERSECTION DETAIL PLANS			
Subset:	IN	Subset Sheets:	IN02 of IN04
Sheet No:		738	



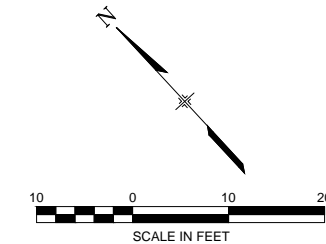


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PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS

- NOTES**
1. ALL PAVEMENT DIMENSIONS ARE EDGE OF PAVEMENT TO EDGE OF PAVEMENT
  2. REFER TO ROADWAY PROFILE SHEETS AND CURB RETURN PROFILE SHEETS FOR ADDITIONAL INFORMATION.
  3. REFER TO TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL EQUIPMENT LOCATIONS.
  4. ALL ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.



**WILSON & COMPANY**

PLOT DATE: 1/19/2013

COMPUTER FILE INFORMATION	
Creation Date:	05/23/11
Last Modification Date:	10/12/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
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REVISIONS		
No.	Description	Date

**STATEMENT:**

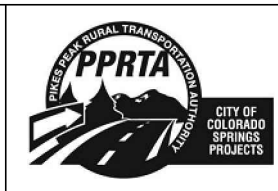
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

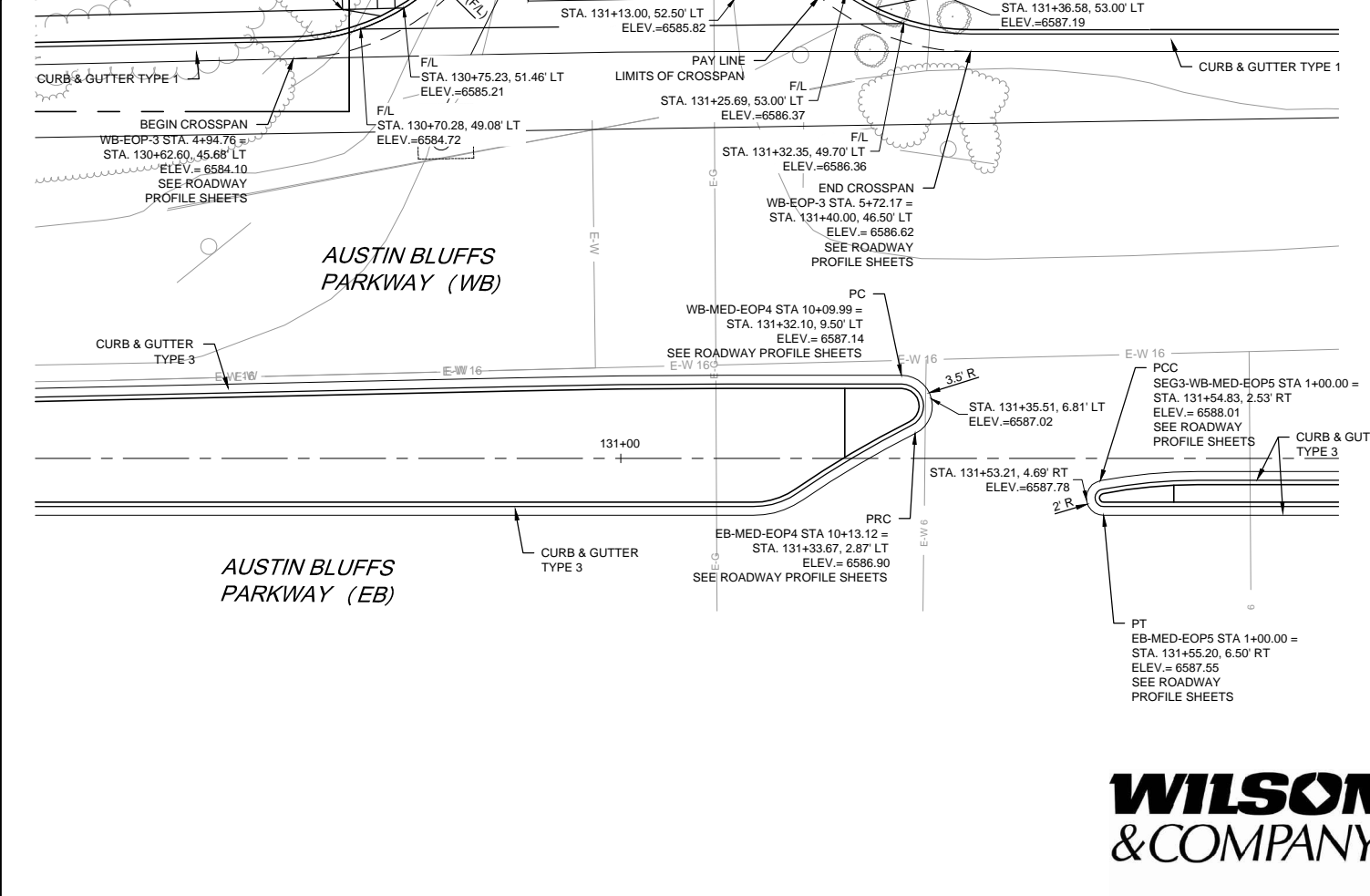
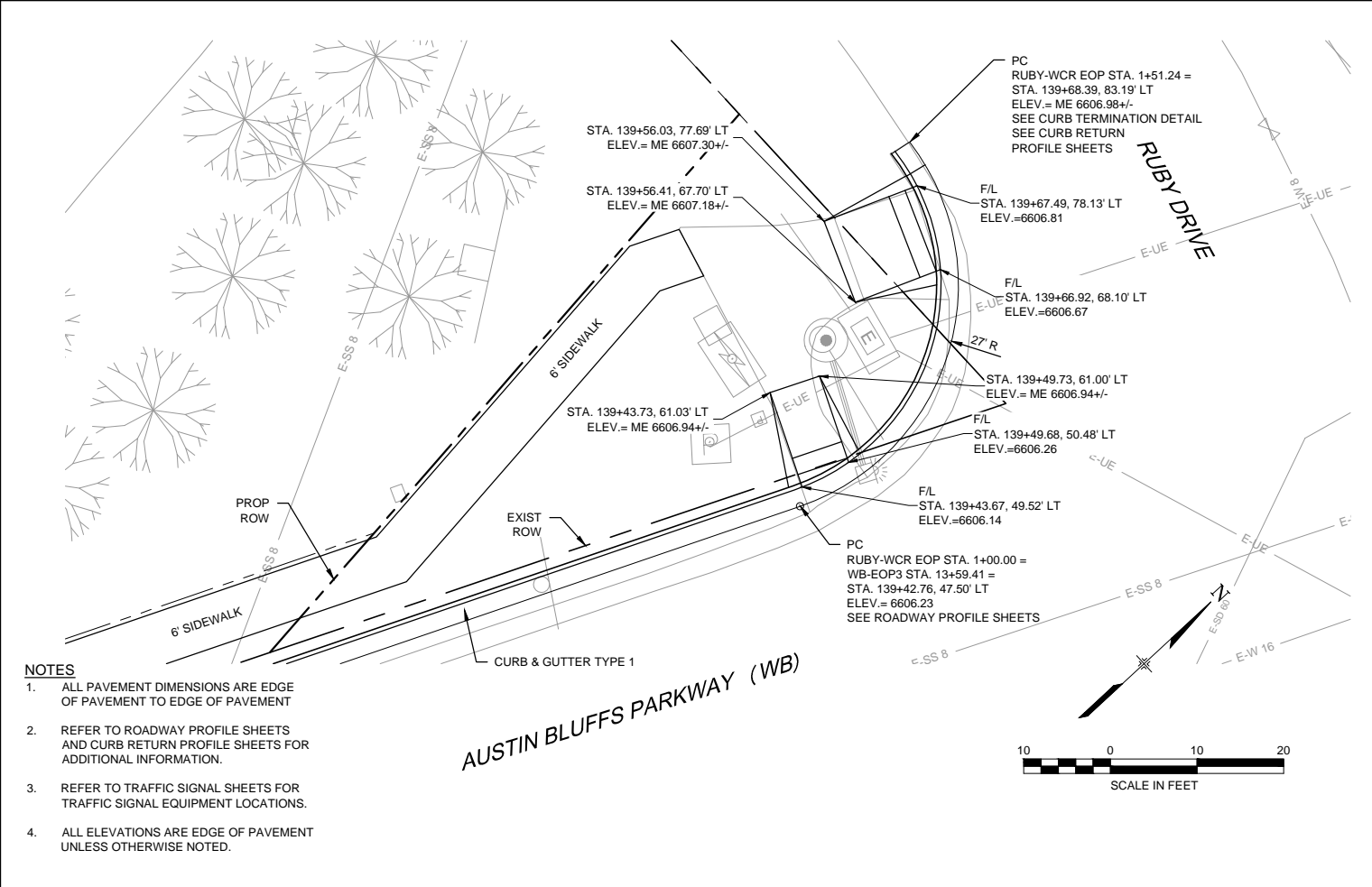
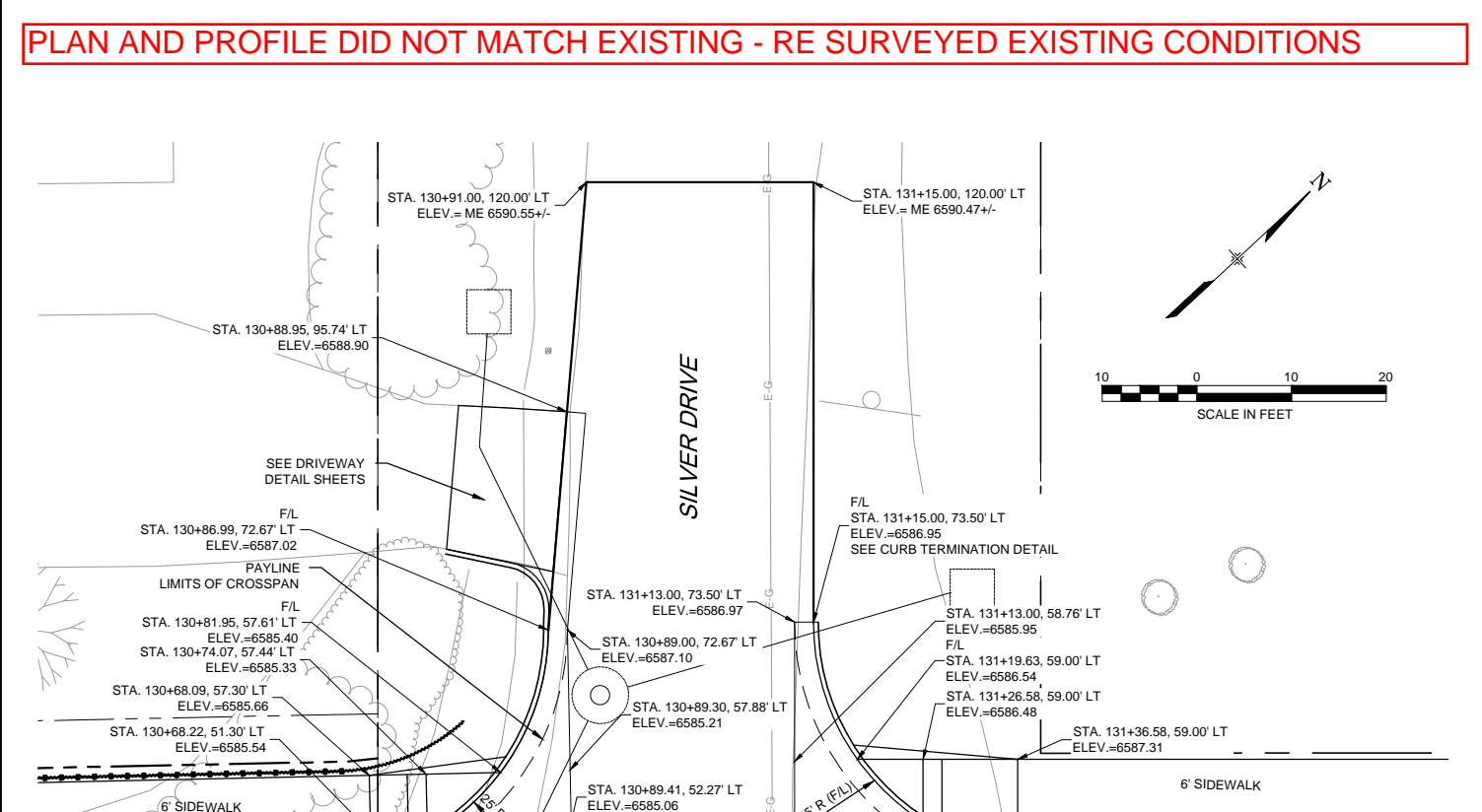
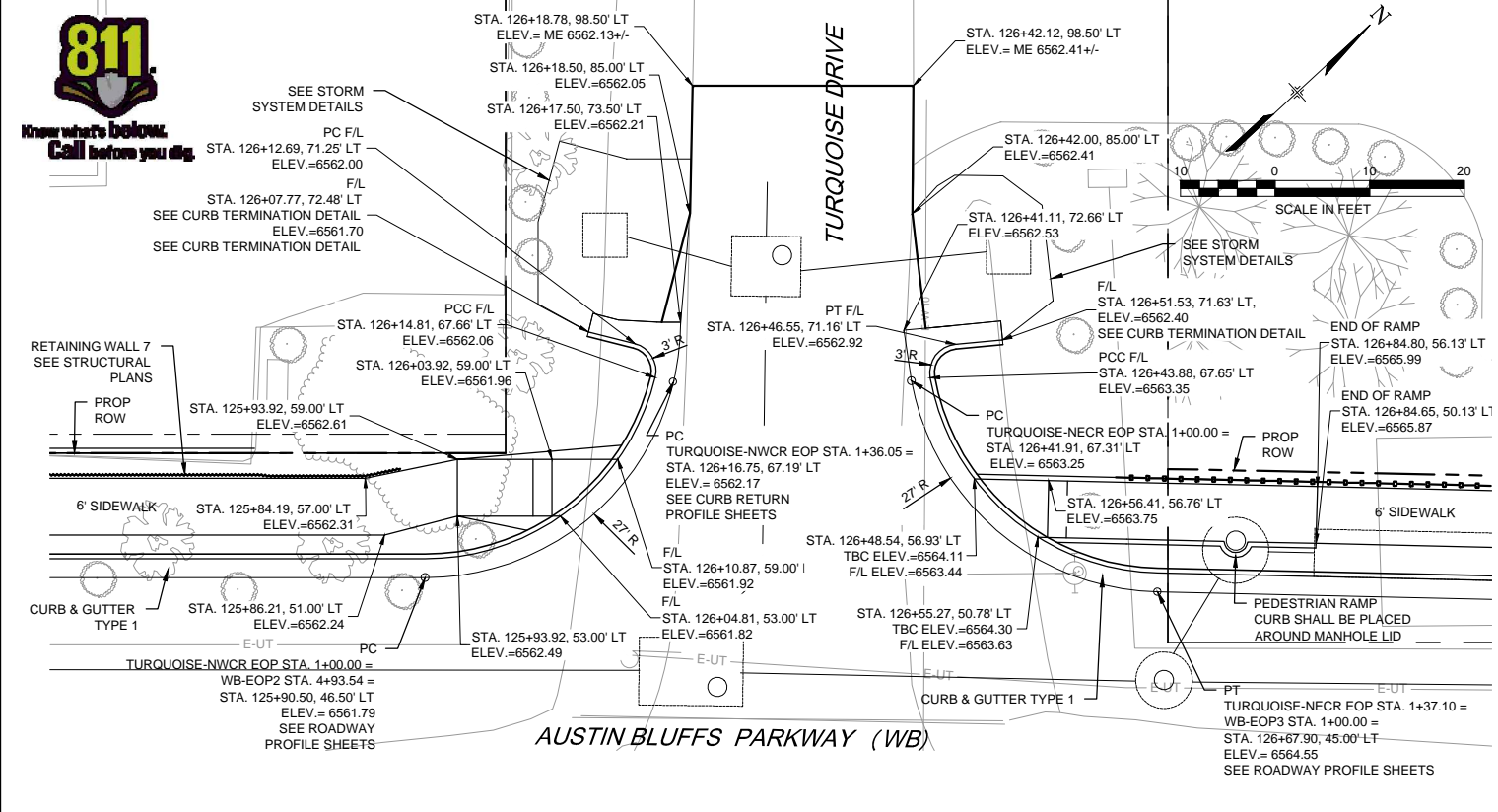
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DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
INTERSECTION DETAIL PLANS			
Subset:	IN	Subset Sheets:	IN03 of IN04
Sheet No:		739	



- NOTES**
1. ALL PAVEMENT DIMENSIONS ARE EDGE OF PAVEMENT TO EDGE OF PAVEMENT
  2. REFER TO ROADWAY PROFILE SHEETS AND CURB RETURN PROFILE SHEETS FOR ADDITIONAL INFORMATION.
  3. REFER TO TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL EQUIPMENT LOCATIONS.
  4. ALL ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

PLAN AND PROFILE DID NOT MATCH EXISTING - RE SURVEYED EXISTING CONDITIONS

COMPUTER FILE INFORMATION	
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Last Modification Date:	10/12/12
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REVISIONS		
No.	Description	Date

**STATEMENT:**

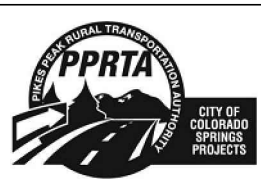
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

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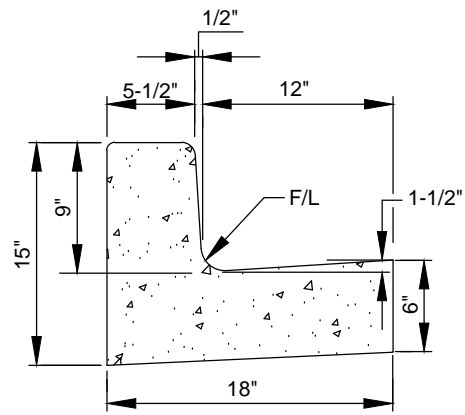
**RFP Set**



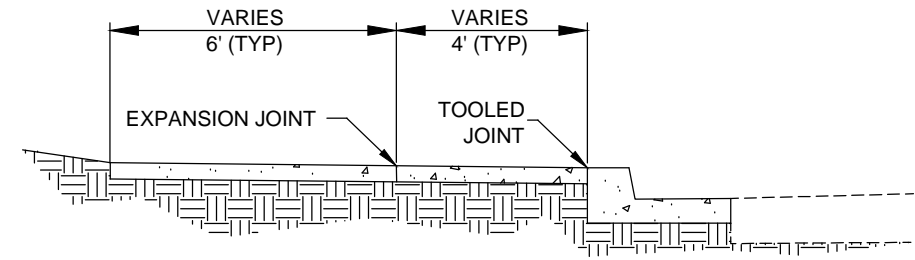
AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
INTERSECTION DETAIL PLANS			
Subset:	IN	Subset Sheets:	IN04 of IN04
Sheet No:		740	



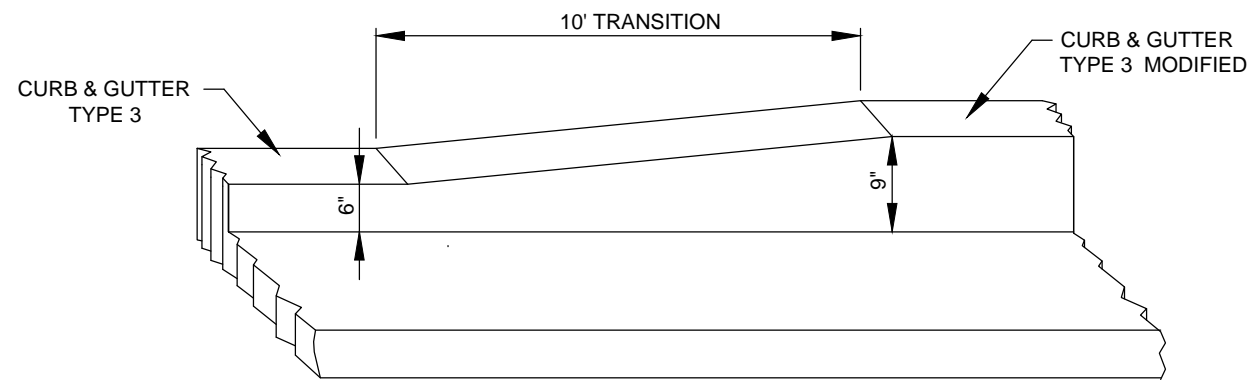
PLOT DATE: 1/16/2013



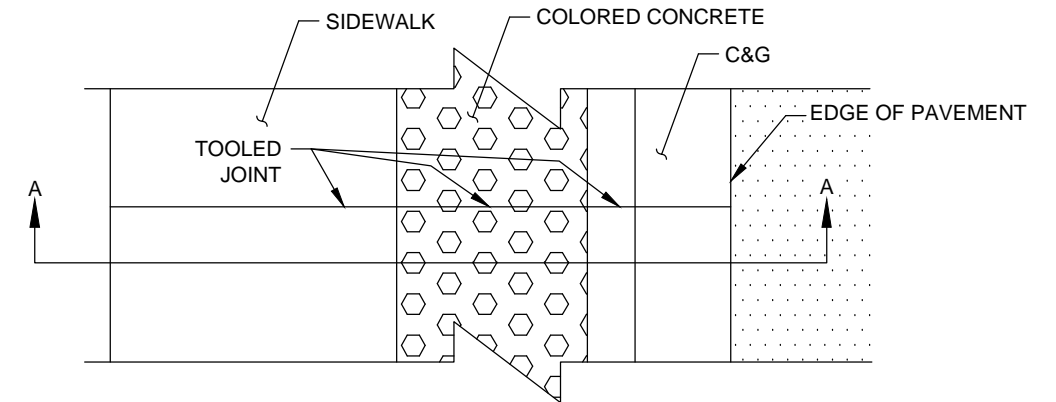
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NTS



**SECTION A-A**

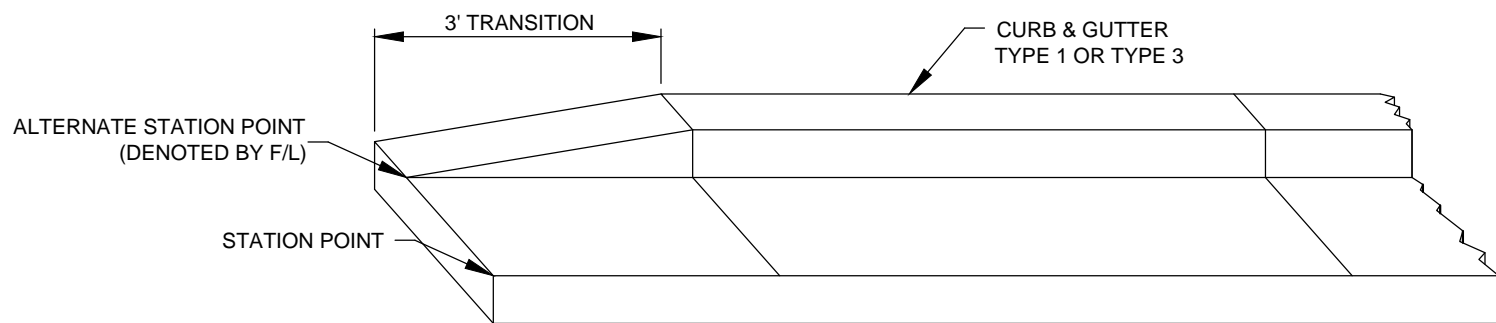


**CURB TRANSITION DETAIL**  
NTS



NOTE: TOOLED JOINTS SHALL BE CONTINUOUS ACROSS SIDEWALK, COLORED CONCRETE AND C&G

**JOINT DETAILS**  
NTS



**CURB TERMINATION DETAIL**  
NTS



PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	10/03/12 Initials: SPW
Last Modification Date:	01/16/13 Initials: NAB
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Drawing File Name:	DT01.dwg
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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

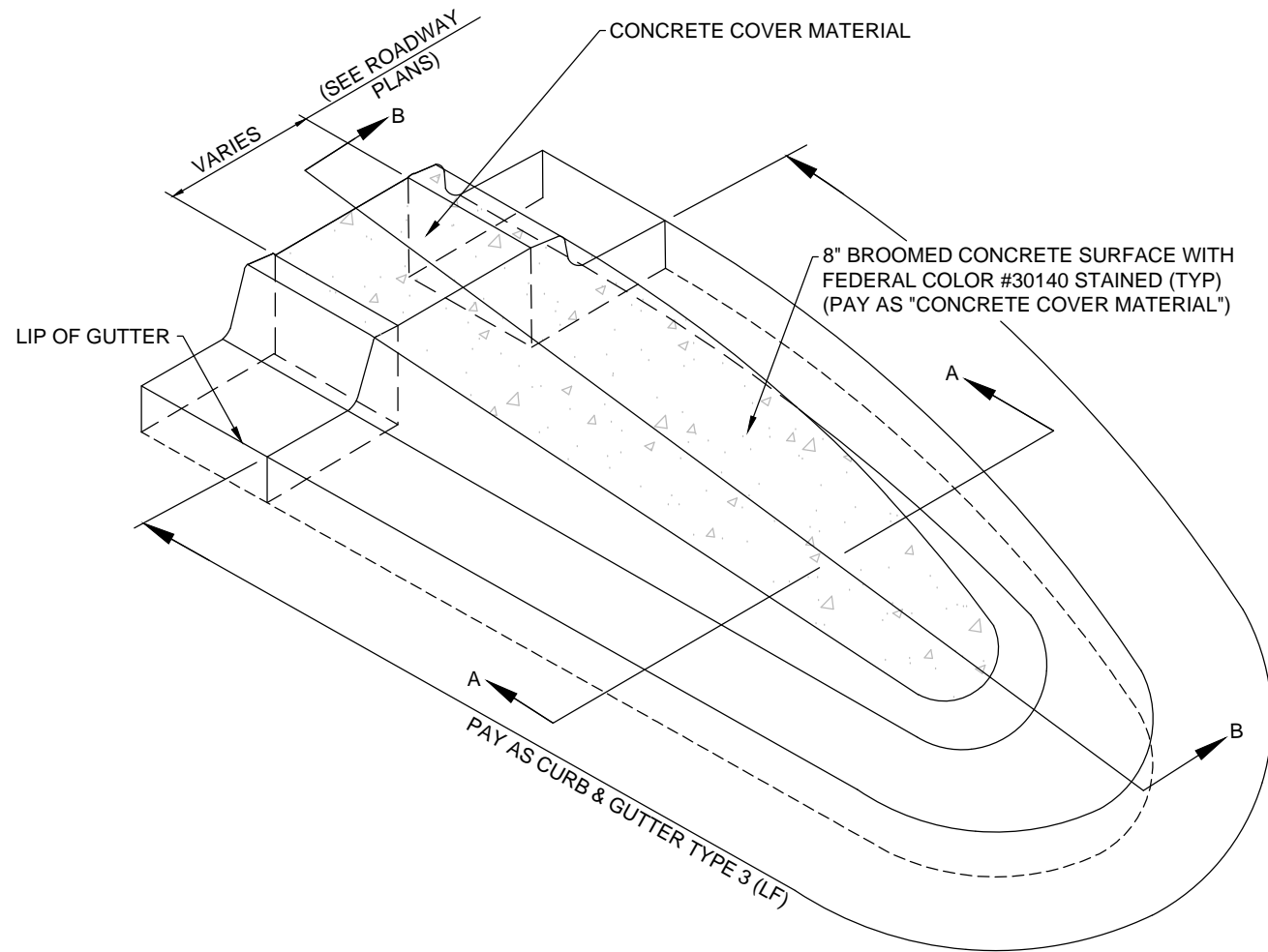
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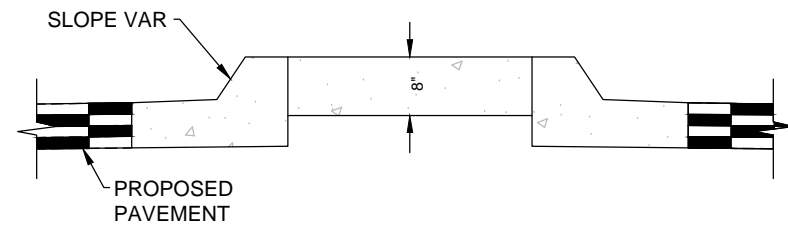
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Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY DETAILS		
Subset:	RDT	Sheet No: 741



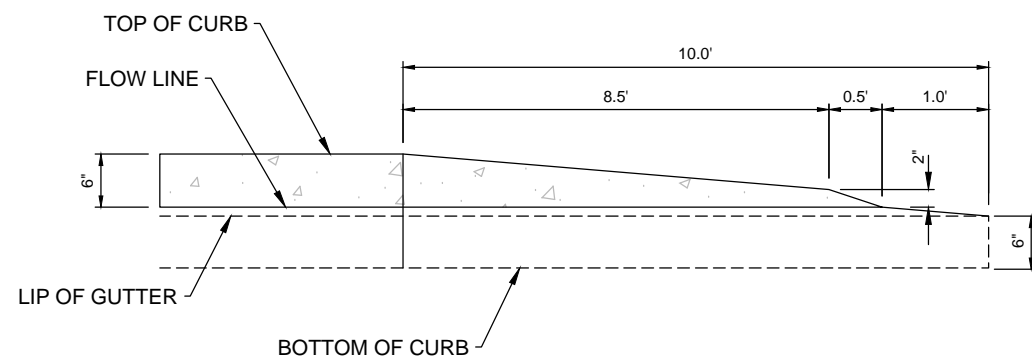
Know what's below.  
Call before you dig.



**PLOWABLE END SECTION DETAIL**  
NTS



**SECTION A-A**



**SECTION B-B**

**WILSON  
& COMPANY**

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	10/03/12
Last Modification Date:	01/16/13
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Acad Ver.:	2011

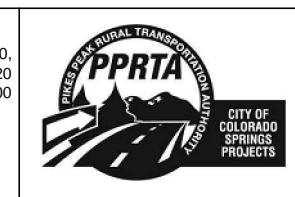
REVISIONS		
No.	Description	Date

**STATEMENT:**  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

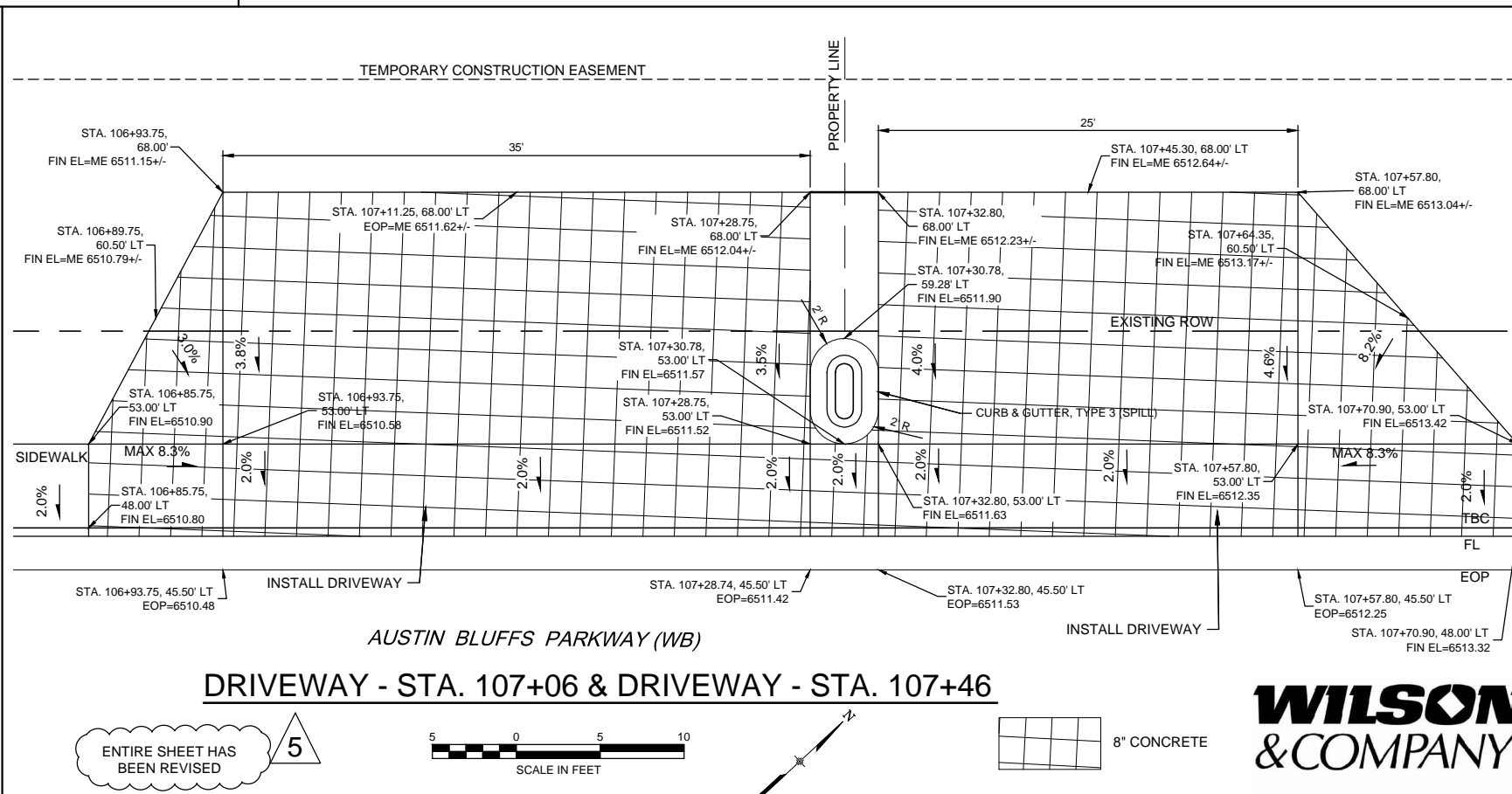
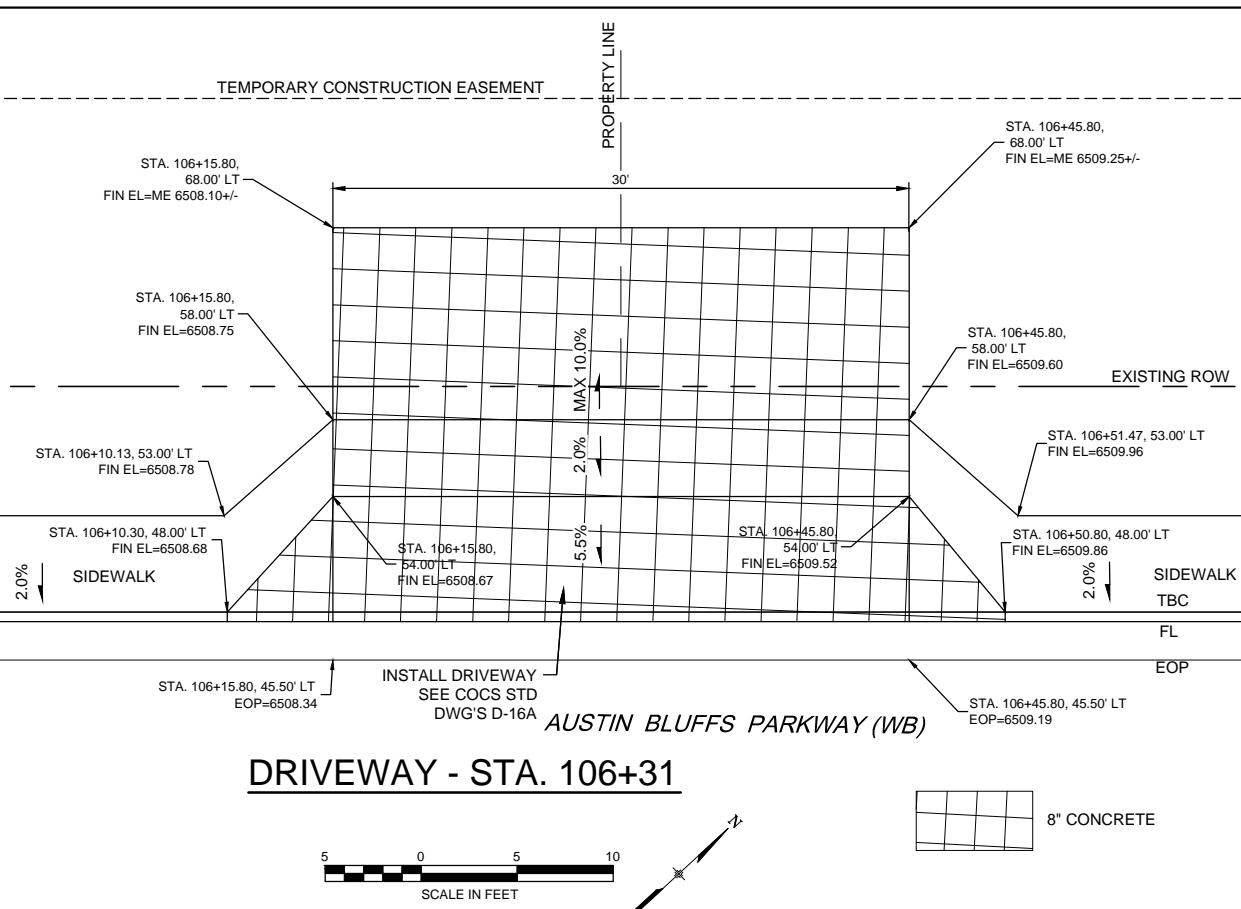
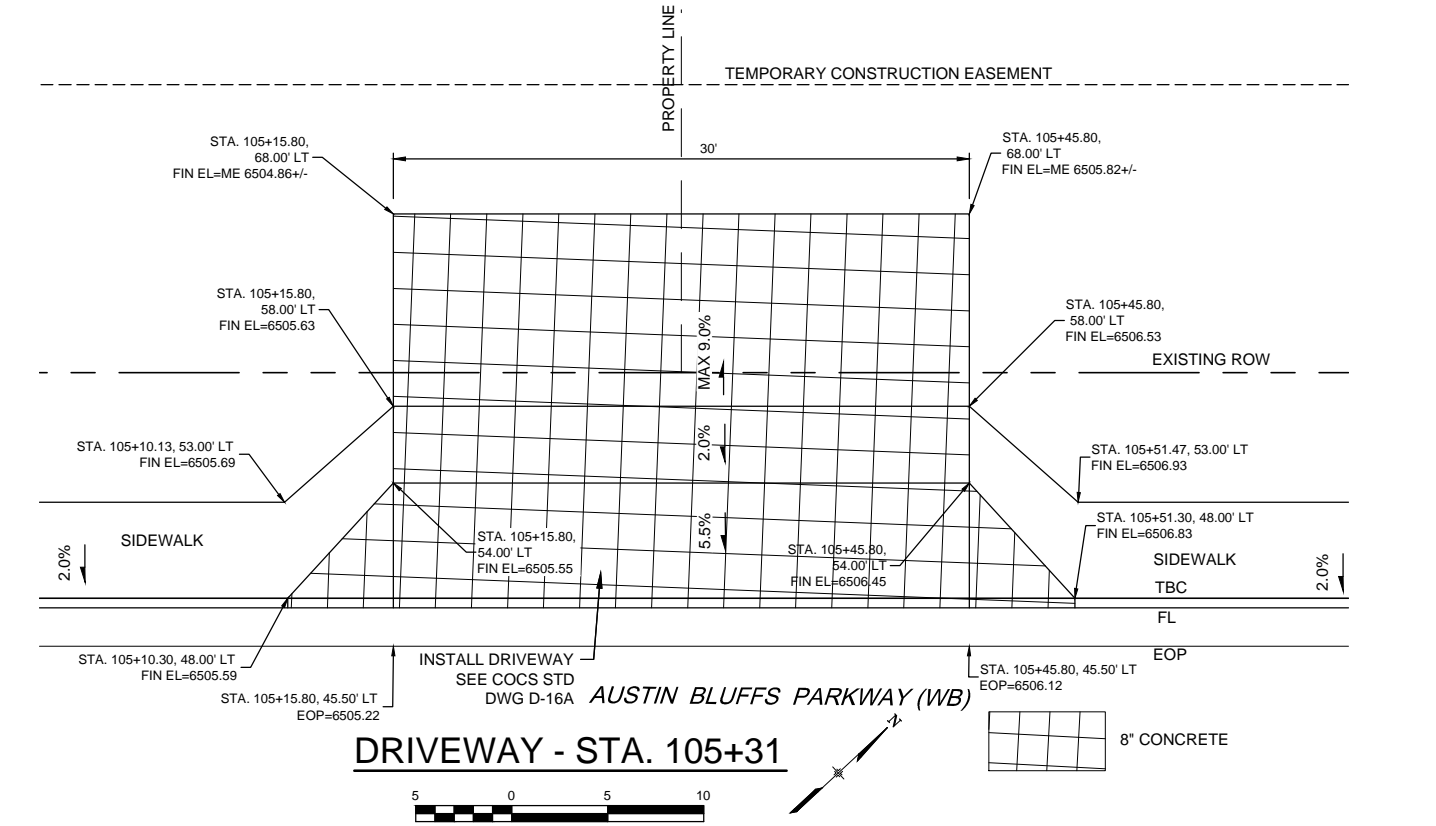
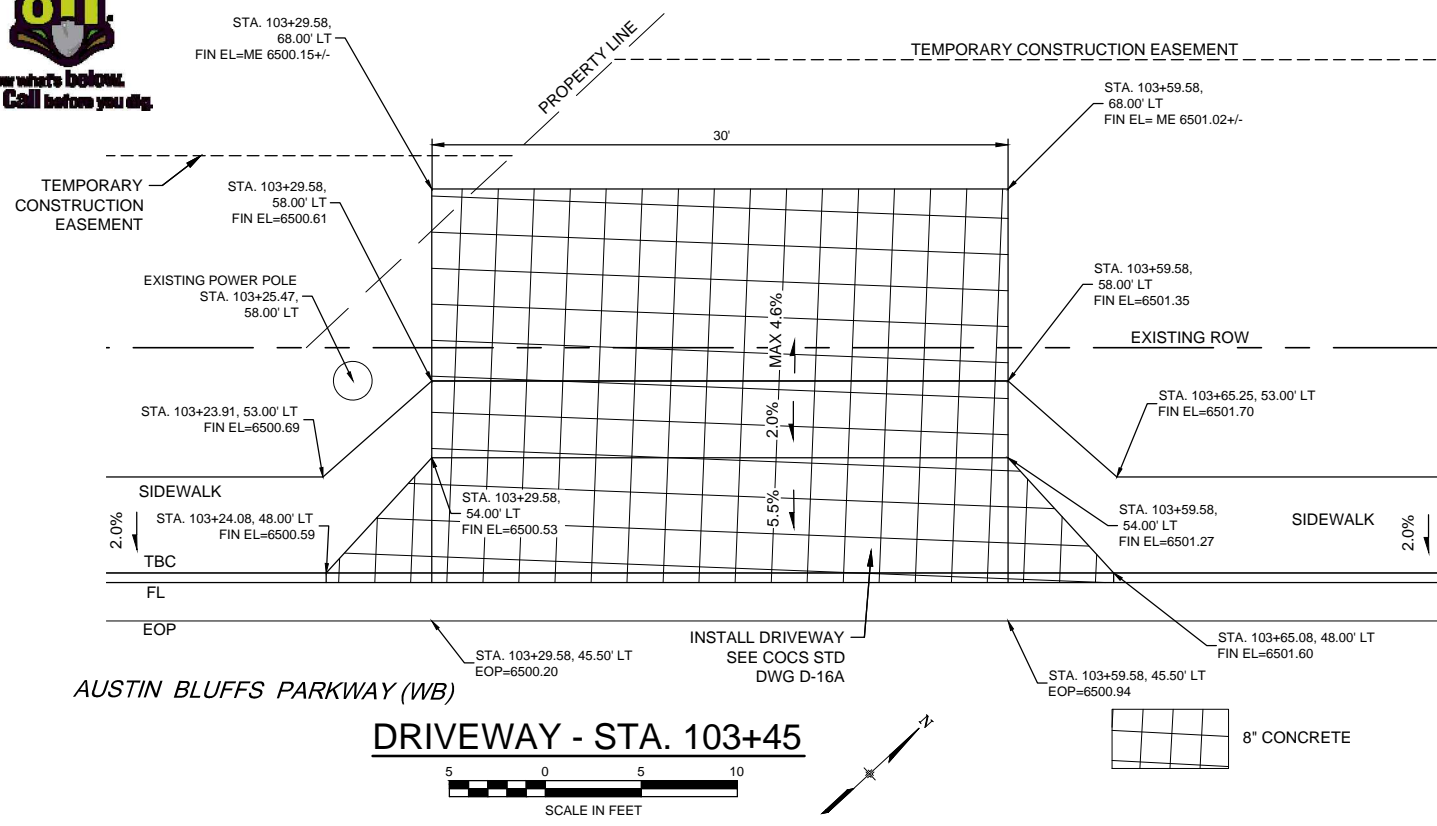
DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY DETAILS		
Subset:	RDT	Sheet No: 742
Subset Sheets:	RDT02 of RDT02	





ENTIRE SHEET HAS BEEN REVISED



PLOT DATE: 4/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	09/17/12
Last Modification Date:	01/16/13
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Drawing File Name:	DRV01-DRV02.dwg
Acad Ver.:	2011

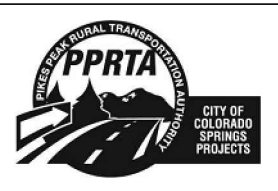
REVISIONS	
No.	Description
5	REVISION NO. 1

STATEMENT:  
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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
DRAWN BY: MAB  
CHECKED BY: MAK

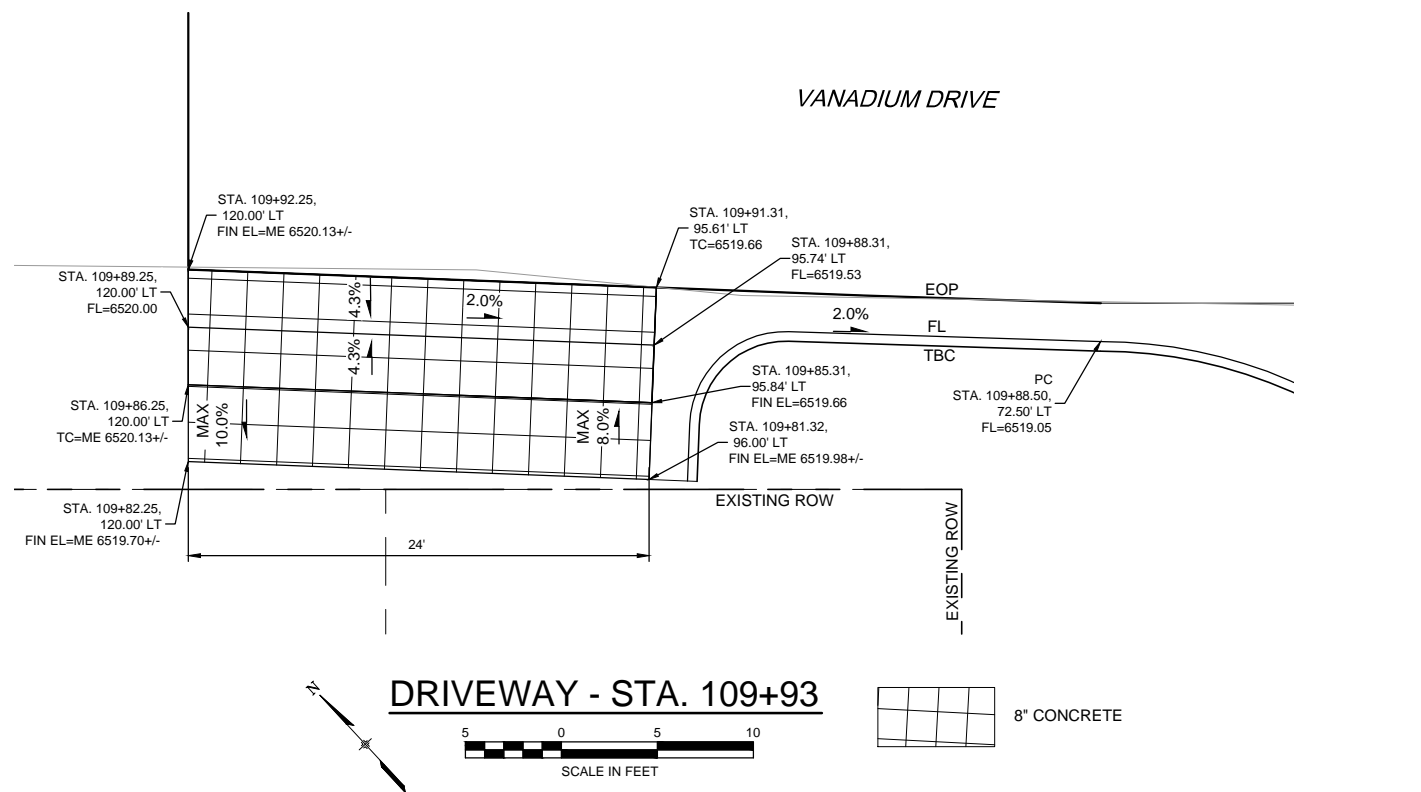
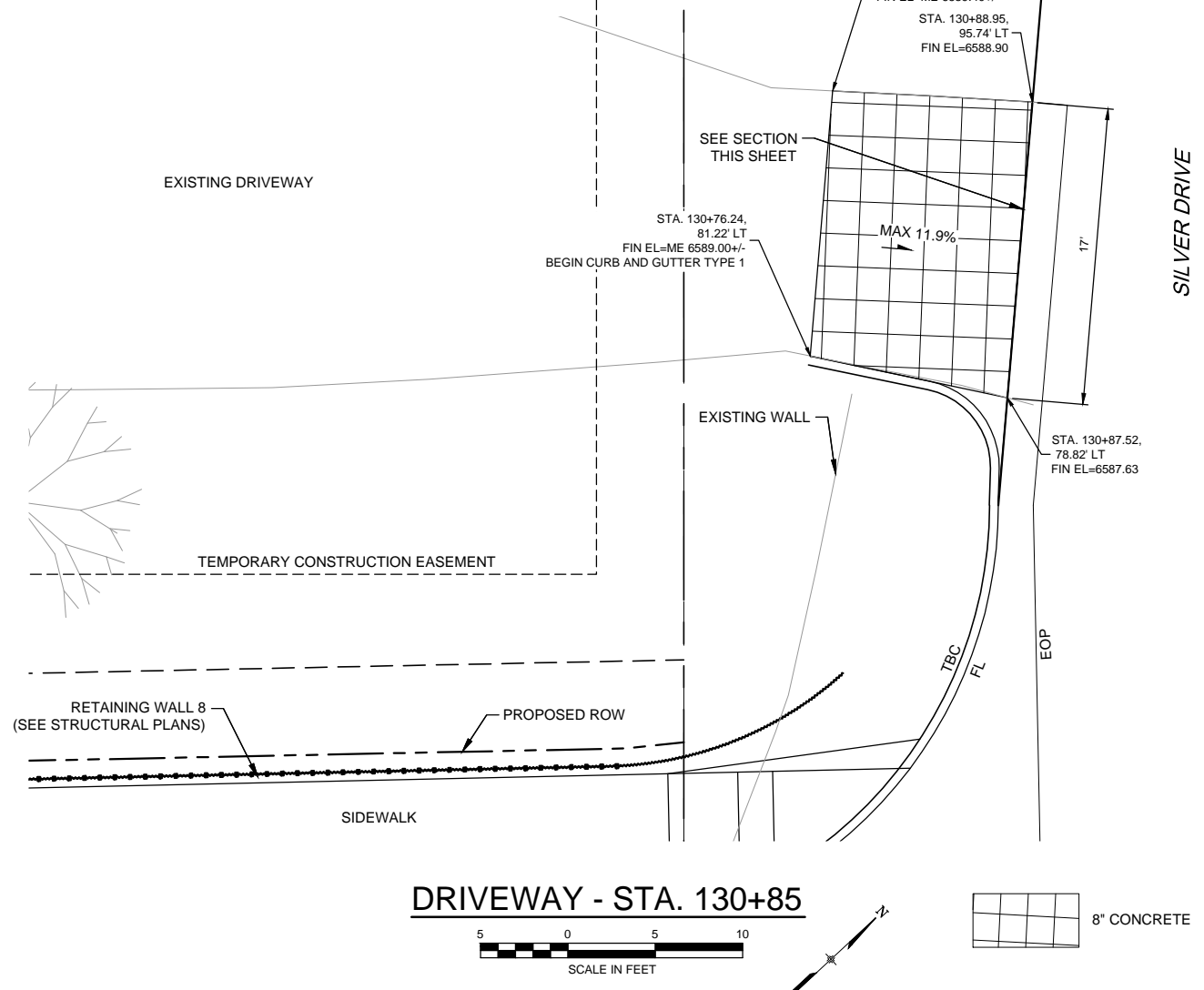
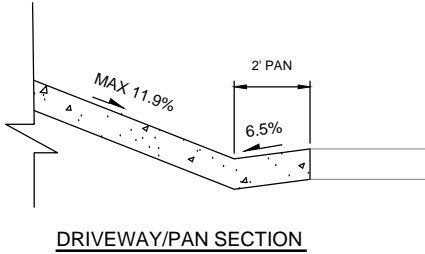
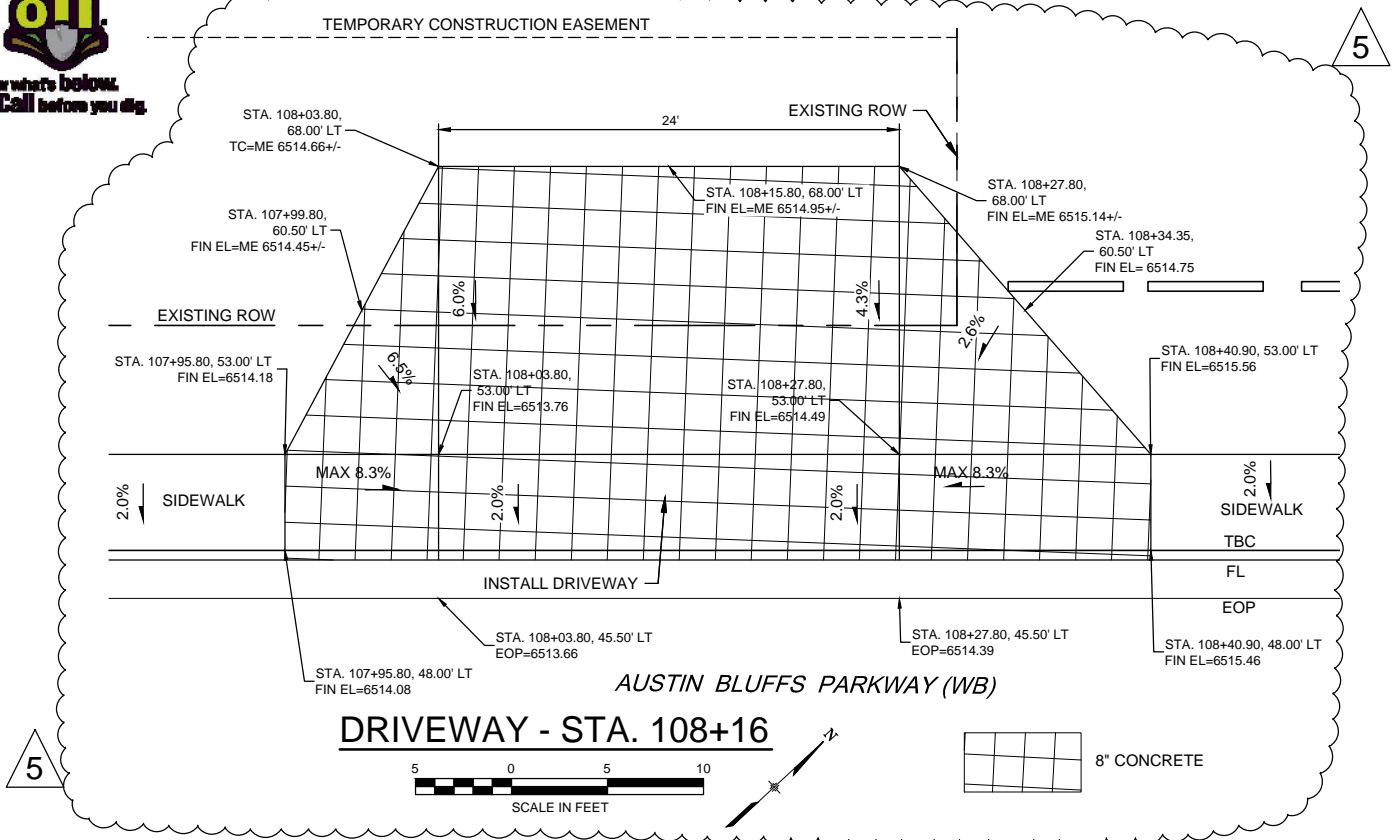
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
DRIVEWAY DETAILS		
Subset:	DRV	Sheet No: 743



Know what's below. Call before you dig.



PLOT DATE: 4/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	09/17/12
Last Modification Date:	01/16/13
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	DRV01-DRV02.dwg
Acad Ver.	2011

REVISIONS	
No.	Description
5	REVISION NO. 1

**STATEMENT:**

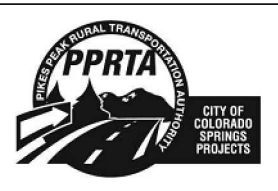
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
DRAWN BY: MAB  
CHECKED BY: MAK

**RFP Set**

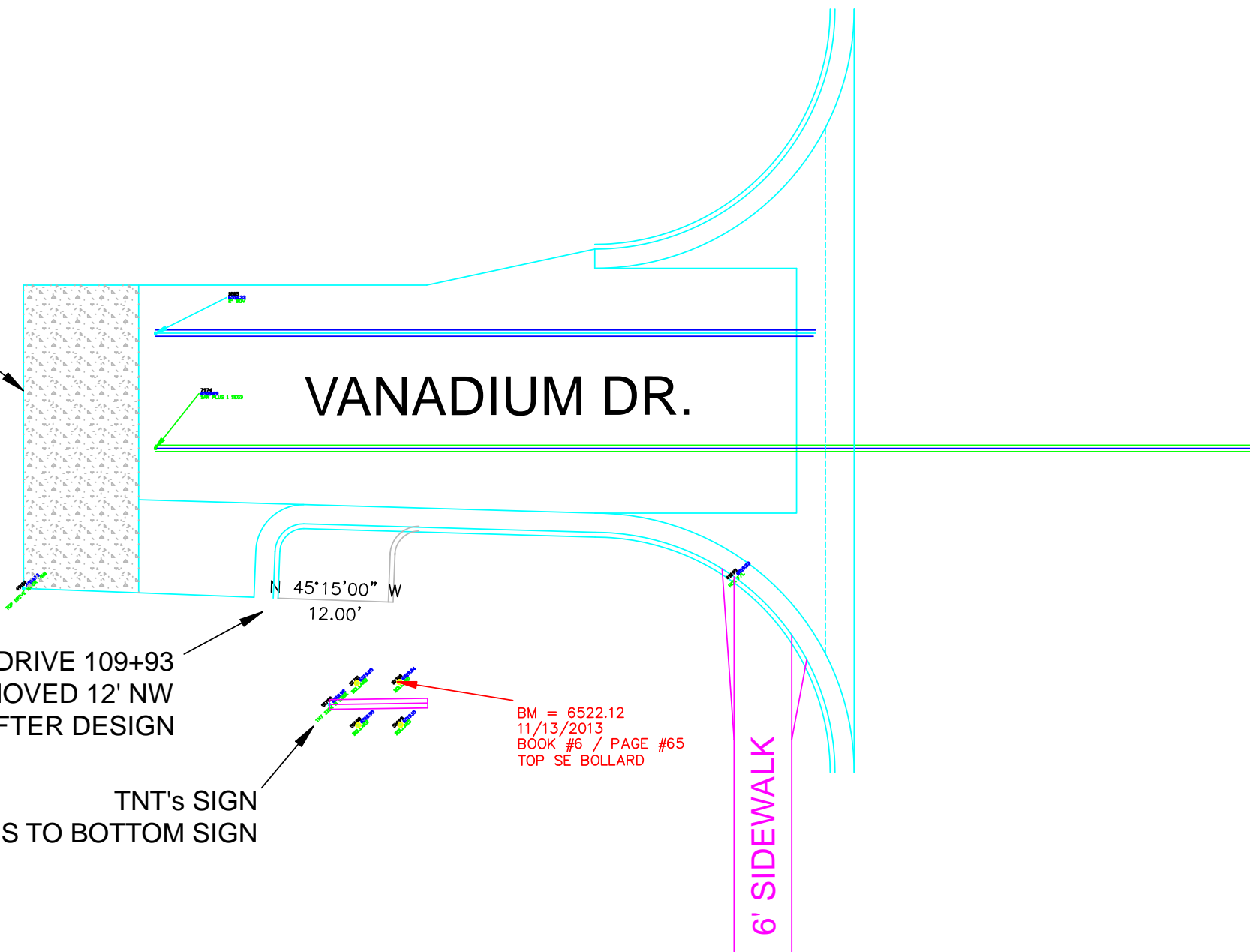


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
DRIVEWAY DETAILS		
Subset:	DRV	Sheet No: 744

# AUSTIN BLUFFS PARKWAY

SEGMENT # 3  
 VANADIUM DRIVE ADDITIONAL PAVING  
 REVISED ENTRANCE  
 SHEET 740

ADDITIONAL PAVING  
 Area: 1525.91 sq. ft.  
 Perimeter: 175.17



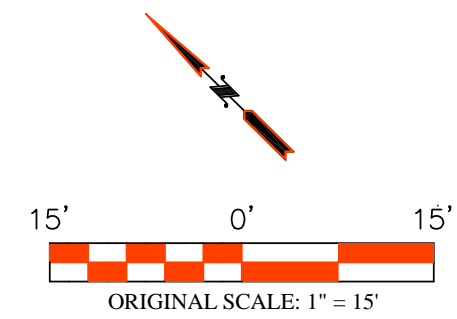
DRIVE 109+93  
 MOVED 12' NW  
 SIGN WAS RELOCATED AFTER DESIGN

TNT's SIGN  
 3 METERS TO BOTTOM SIGN

BM = 6522.12  
 11/13/2013  
 BOOK #6 / PAGE #65  
 TOP SE BOLLARD



DATE: \_\_\_\_\_  
 DON R. HULSEY, PROFESSIONAL LAND SURVEYOR  
 COLORADO P.L.S. # 38291  
 FOR AND ON BEHALF OF LAWRENCE CONSTRUCTION COMPANY



Lawrence Construction Company

9002 North Moore Road  
 Littleton, Colorado 80125  
 (303) 791-5642 Office  
 (303) 791-5647 Fax  
[www.lawrence-construction.com](http://www.lawrence-construction.com)

Date:	Comments:

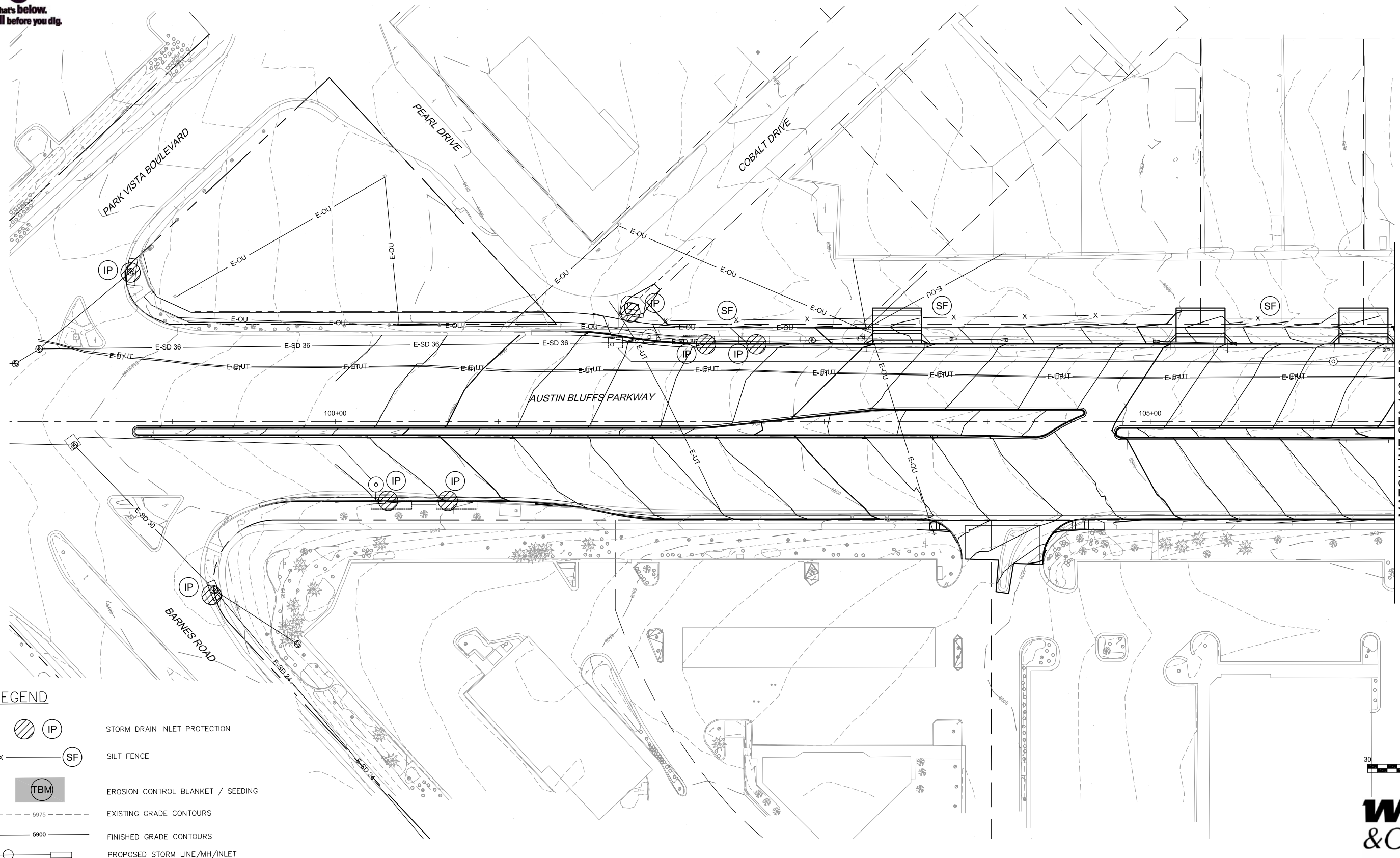


VANADIUM DRIVE ADDITIONAL REMOVALS AND PAVING			
Drawn By:	DRH	Date:	03/06/2014
Checked By:	DH	Structure:	
Horiz. Scale: 1" = 15'		Vert. Scale: 1" = 15'	

Project No./Code
351308
Sheet Number 1 OF 1



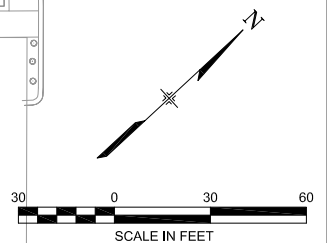
Know what's below.  
Call before you dig.



MATCHLINE STA 106+50  
(SEE SHEET GR02)

LEGEND

- IP STORM DRAIN INLET PROTECTION
- x SF SILT FENCE
- TBM EROSION CONTROL BLANKET / SEEDING
- 5975 EXISTING GRADE CONTOURS
- 5900 FINISHED GRADE CONTOURS
- PROPOSED STORM LINE/MH/INLET



**WILSON & COMPANY**

PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11
Last Modification Date:	1/10/13
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
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Acad Ver.	2011
Scale:	AS SHOWN

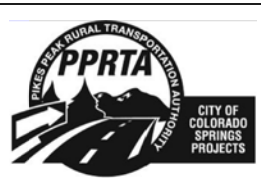
REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: TDS  
DRAWN BY: CMC  
CHECKED BY: MAK

**RFP Set**



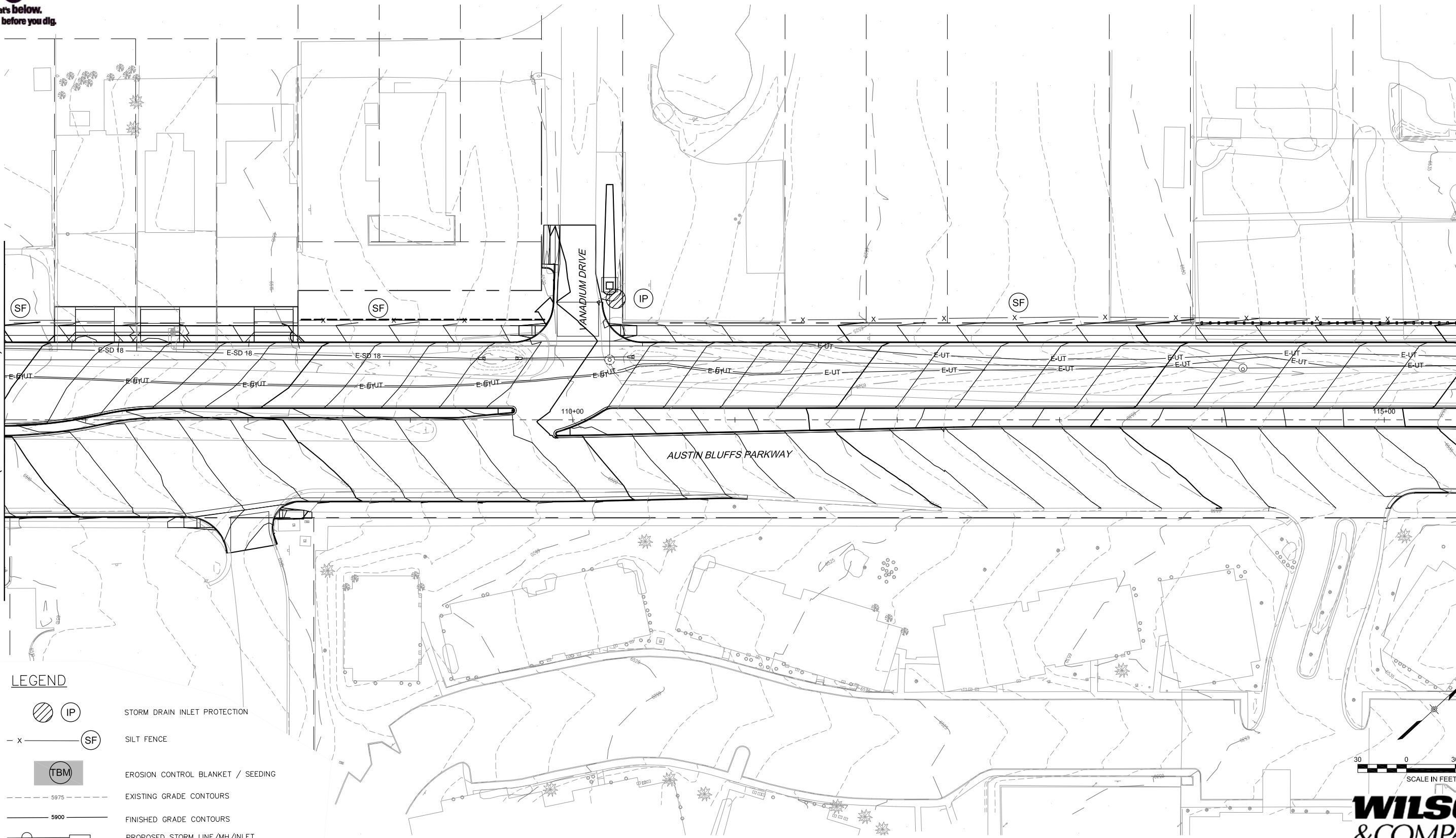
AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
GRADING AND EROSION CONTROL PLAN			
BEGIN PROJECT TO STA 106+50			
Subset:	GR	Subset Sheets:	GR01 of GR05
Sheet No:		745	



Know what's below.  
Call before you dig.

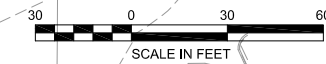
MATCHLINE STA 106+50  
(SEE SHEET GR01)

MATCHLINE STA 115+50  
(SEE SHEET GR03)



**LEGEND**

- IP STORM DRAIN INLET PROTECTION
- SF SILT FENCE
- TBM EROSION CONTROL BLANKET / SEEDING
- 5975 EXISTING GRADE CONTOURS
- 5900 FINISHED GRADE CONTOURS
- PROPOSED STORM LINE/MH/INLET



PLOT DATE: 11/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11
Last Modification Date:	1/10/13
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Acad Ver.	2011
Scale:	AS SHOWN

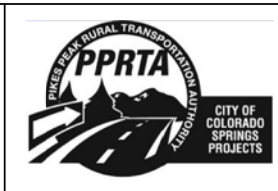
REVISIONS		
No.	Description	Date

**STATEMENT:**  
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 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: TDS  
 DRAWN BY: CMC  
 CHECKED BY: MAK

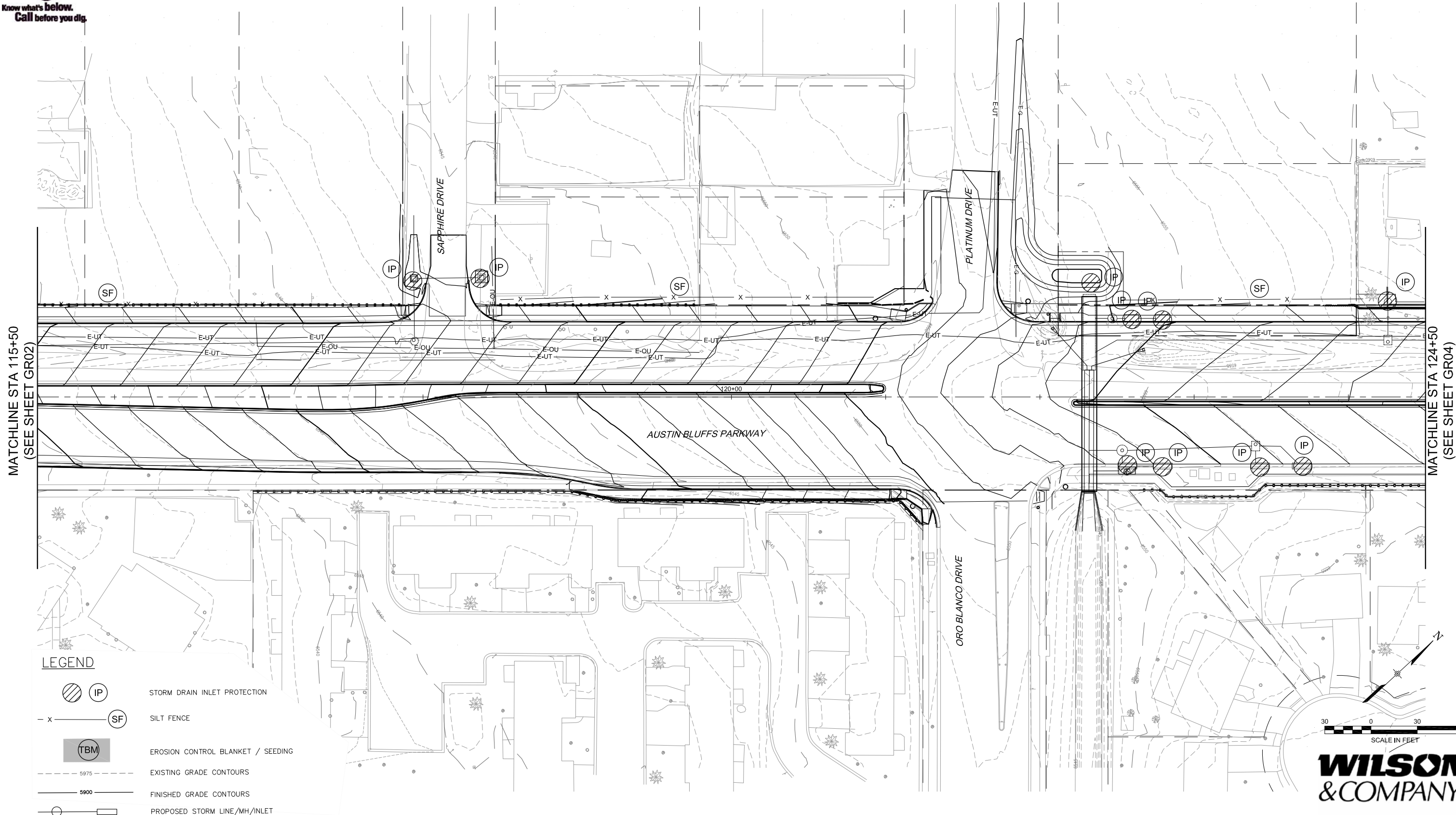
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
GRADING AND EROSION CONTROL PLAN			
STA 106+50 TO STA 115+50			
Subset:	GR	Subset Sheets:	GR02 of GR05
Sheet No:		746	



Know what's below.  
Call before you dig.

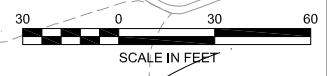


MATCHLINE STA 115+50  
(SEE SHEET GR02)

MATCHLINE STA 124+50  
(SEE SHEET GR04)

**LEGEND**

- STORM DRAIN INLET PROTECTION
- SILT FENCE
- EROSION CONTROL BLANKET / SEEDING
- EXISTING GRADE CONTOURS
- FINISHED GRADE CONTOURS
- PROPOSED STORM LINE/MH/INLET



**WILSON & COMPANY**

PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11
Last Modification Date:	1/11/13
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Acad Ver.	2011

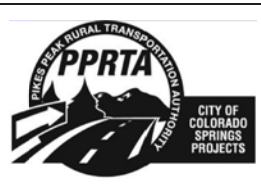
REVISIONS		
No.	Description	Date

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719.575.0100

DESIGNED BY: TDS  
DRAWN BY: CMC  
CHECKED BY: MAK

**RFP Set**

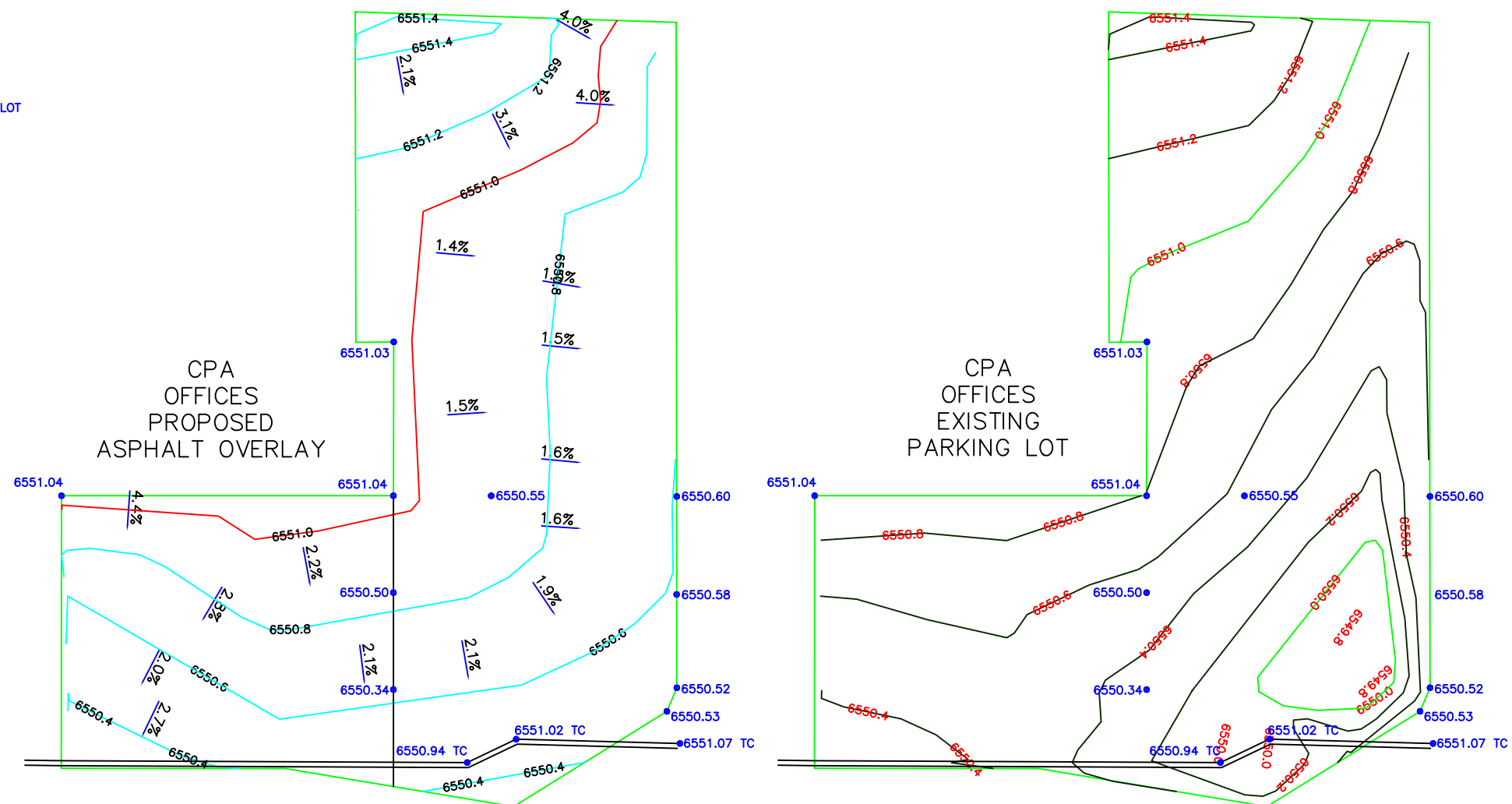


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
GRADING AND EROSION CONTROL PLAN			
STA 115+50 TO STA 124+50			
Subset:	GR	Subset Sheets:	GR03 of GR05
Sheet No:		747	

# AUSTIN BLUFFS PARKWAY

SEGMENT # 3  
CPA PARKING LOT

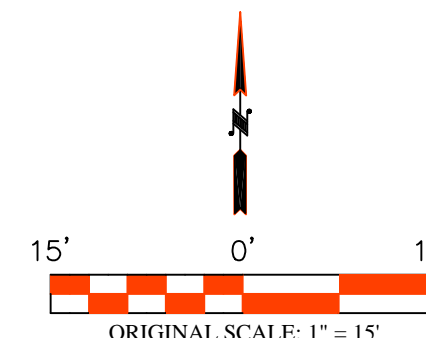
6551.04 ● = EXISTING PARKING LOT



Volumes by Triangulation (Prisms)

Tue Jun 03 13:41:46 2014

Initial Surface: C:\Users\DHulsey\Desktop\Austin Bluffs\CAD Files - 2013 09032013\CPA EXIST ASPHALT.tin  
 Final Surface: C:\Users\DHulsey\Desktop\Austin Bluffs\CAD Files - 2013 09032013\CPA PROP ASPHALT.tin  
 Difference Surface: C:\Users\DHulsey\Desktop\Austin Bluffs\CAD Files - 2013 09032013\CPA QUANTITIES.tin  
 Fill Volume (CY) = 22.6  
 Fill Volume (CF) = 609.2  
 Fill Tons = 44.16  
 Total Area (SF) = 2592  
 Density (LBS/FT^3) 145



Lawrence Construction Company  
 9002 North Moore Road  
 Littleton, Colorado 80125  
 (303) 791-5642 Office  
 (303) 791-5647 Fax  
[www.lawrence-construction.com](http://www.lawrence-construction.com)

Sheet Revisions	
Date:	Comments



Austin Bluffs Corridor Project

CPA PARKING LOT ASPHALT OVERLAY			
Drawn By:	DRH	Date:	06/03/2014
Checked By:	DH	Structure:	
Horiz. Scale: 1" = 15'		Vert. Scale: 1" = 15'	

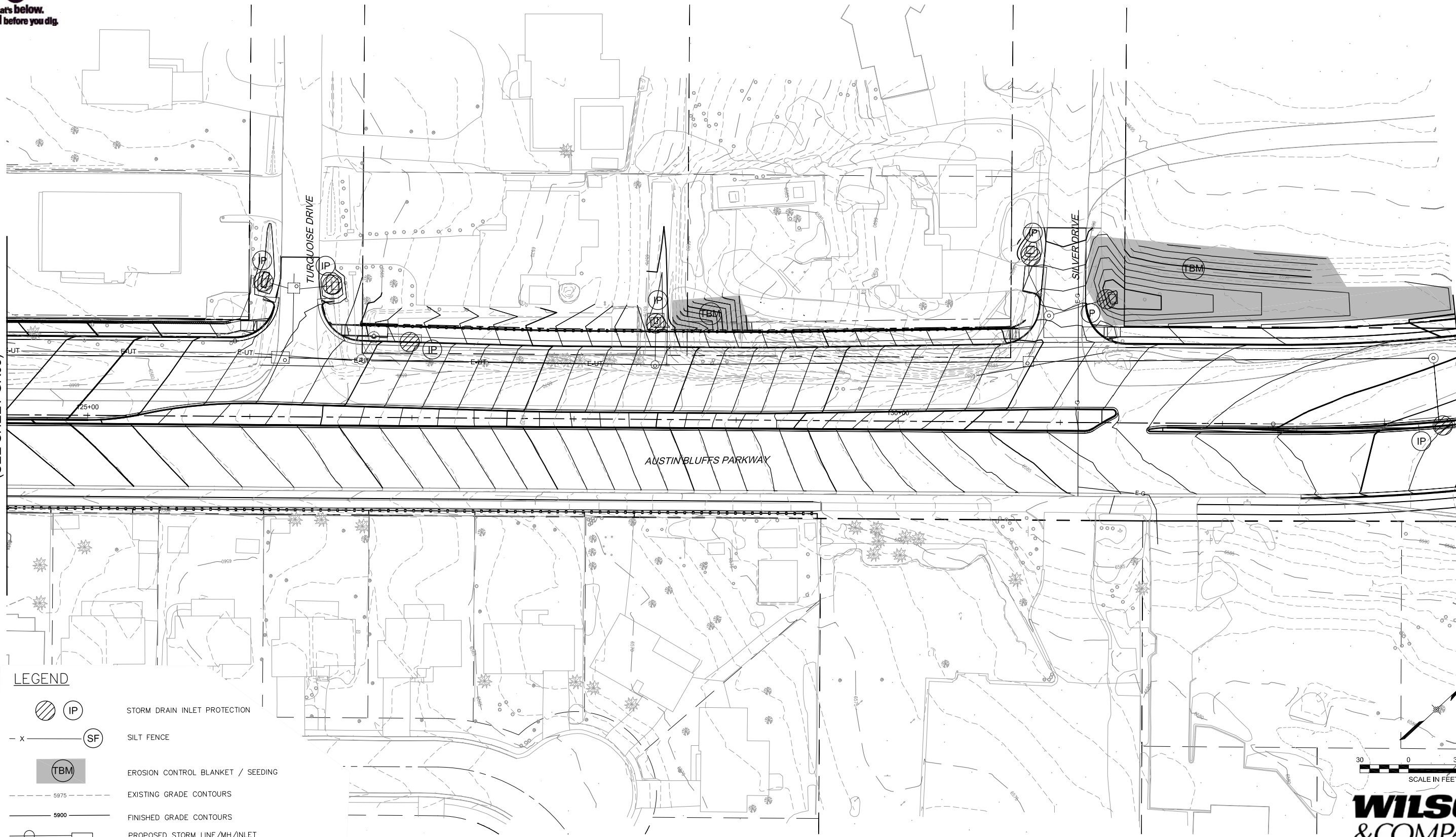
Project No./Code
351308
Sheet Number 1 OF 1



Know what's below.  
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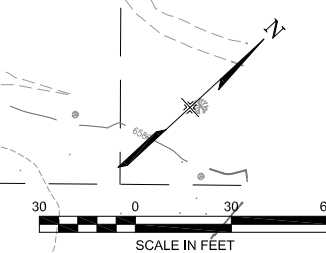
MATCHLINE STA 124+50  
(SEE SHEET GR03)

MATCHLINE STA 133+50  
(SEE SHEET GR05)



LEGEND

- STORM DRAIN INLET PROTECTION
- SILT FENCE
- EROSION CONTROL BLANKET / SEEDING
- EXISTING GRADE CONTOURS
- FINISHED GRADE CONTOURS
- PROPOSED STORM LINE/MH/INLET



**WILSON & COMPANY**

PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11
Last Modification Date:	1/11/13
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
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Acad Ver.	2011
Scale:	AS SHOWN

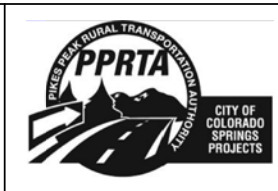
REVISIONS		
No.	Description	Date

STATEMENT:  
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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: TDS  
DRAWN BY: CMC  
CHECKED BY: MAK

**RFP Set**

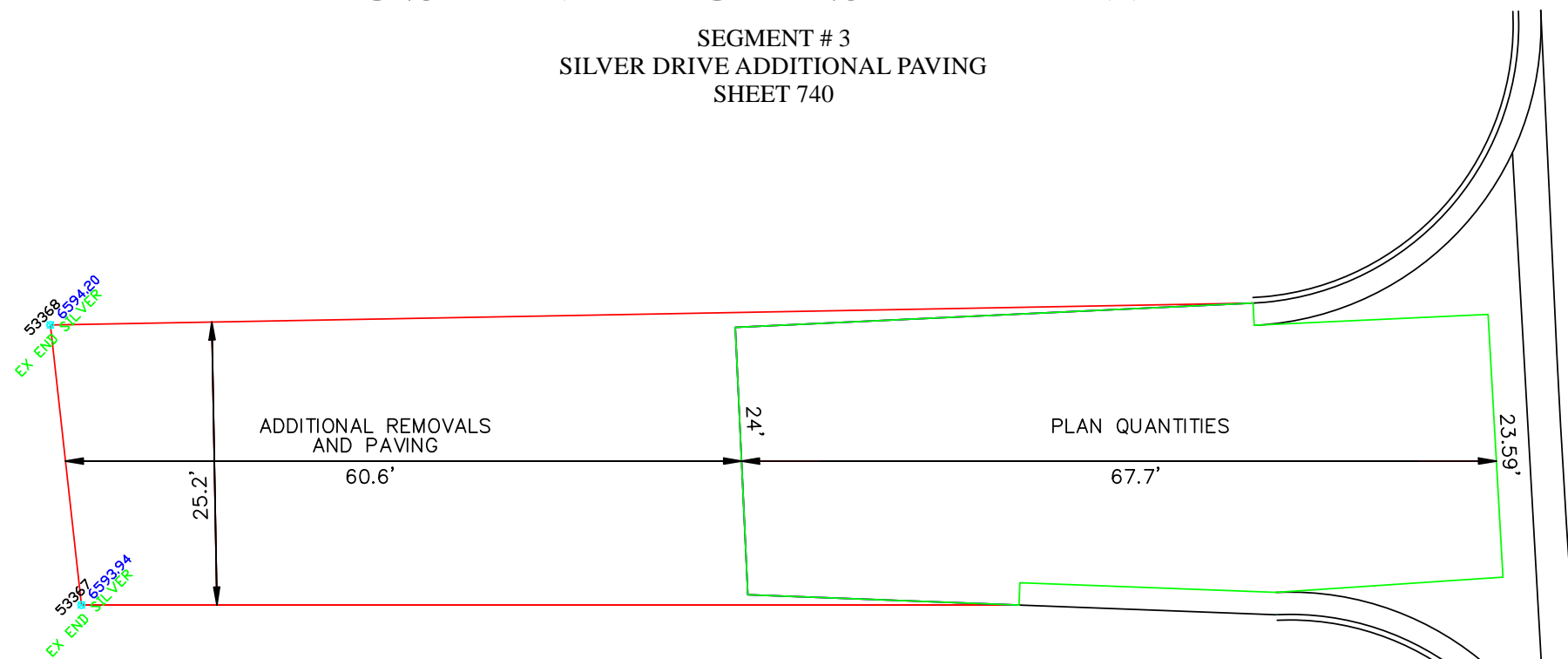


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
GRADING AND EROSION CONTROL PLAN STA 124+50 TO STA 133+50			
Subset:	GR	Subset Sheets:	GR04 of GR05
			Sheet No: 748



# AUSTIN BLUFFS PARKWAY

SEGMENT # 3  
SILVER DRIVE ADDITIONAL PAVING  
SHEET 740



### ADDITIONAL REMOVALS AND PAVING QUANTITIES

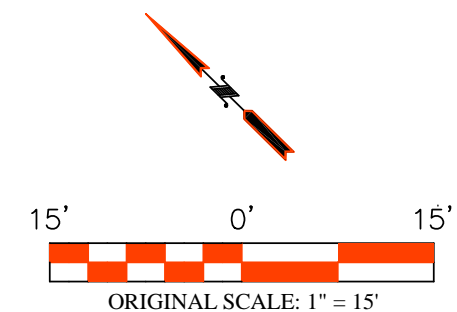
Handle: B62D27  
Current space: Model  
Layer: A LCCO CURB LIP SEGMENT 3  
Color: 1 (Red)  
Linetype: CONTINUOUS  
Line weight: BYLAYER  
Polyline Flags: Closed  
Width: 0.00  
Area: 6,390.00 sq. ft.  
Area: 710.00 sq. yds.  
Perimeter: 624.16  
Location: X=109073.57 Y=55490.64 Z=0.00  
Location: X=109024.91 Y=55492.46 Z=0.00  
Location: X=109022.66 Y=55540.41 Z=0.00  
Location: X=109115.56 Y=55544.76 Z=0.00  
Location: X=108899.82 Y=55540.83 Z=0.00  
Location: X=108905.38 Y=55490.64 Z=0.00

### PLAN QUANTITIES

Handle: B62D64  
Current space: Model  
Layer: A LCCO CURB LIP SEGMENT 3  
Color: 3 (Green)  
Linetype: CONTINUOUS  
Line weight: BYLAYER  
Polyline Flags: Closed  
Width: 0.00  
Area: 6,662.25 sq. ft.  
Area: 740.25 sq. yds.  
Perimeter: 373.65  
Location: X=109115.56 Y=55544.76 Z=0.00  
Location: X=109022.66 Y=55540.41 Z=0.00  
Location: X=109024.91 Y=55492.46 Z=0.00  
Location: X=109073.57 Y=55490.64 Z=0.00  
Location: X=109073.72 Y=55494.63 Z=0.00  
Location: X=109119.65 Y=55492.90 Z=0.00  
Location: X=109160.37 Y=55495.62 Z=0.00  
Location: X=109157.70 Y=55542.73 Z=0.00  
Location: X=109115.75 Y=55540.77 Z=0.00



DATE: \_\_\_\_\_  
DON R. HULSEY, PROFESSIONAL LAND SURVEYOR  
COLORADO P.L.S. # 38291  
FOR AND ON BEHALF OF LAWRENCE CONSTRUCTION COMPANY



Lawrence Construction Company  
9002 North Moore Road  
Littleton, Colorado 80125  
(303) 791-5642 Office  
(303) 791-5647 Fax  
[www.lawrence-construction.com](http://www.lawrence-construction.com)

Date:	Comments:



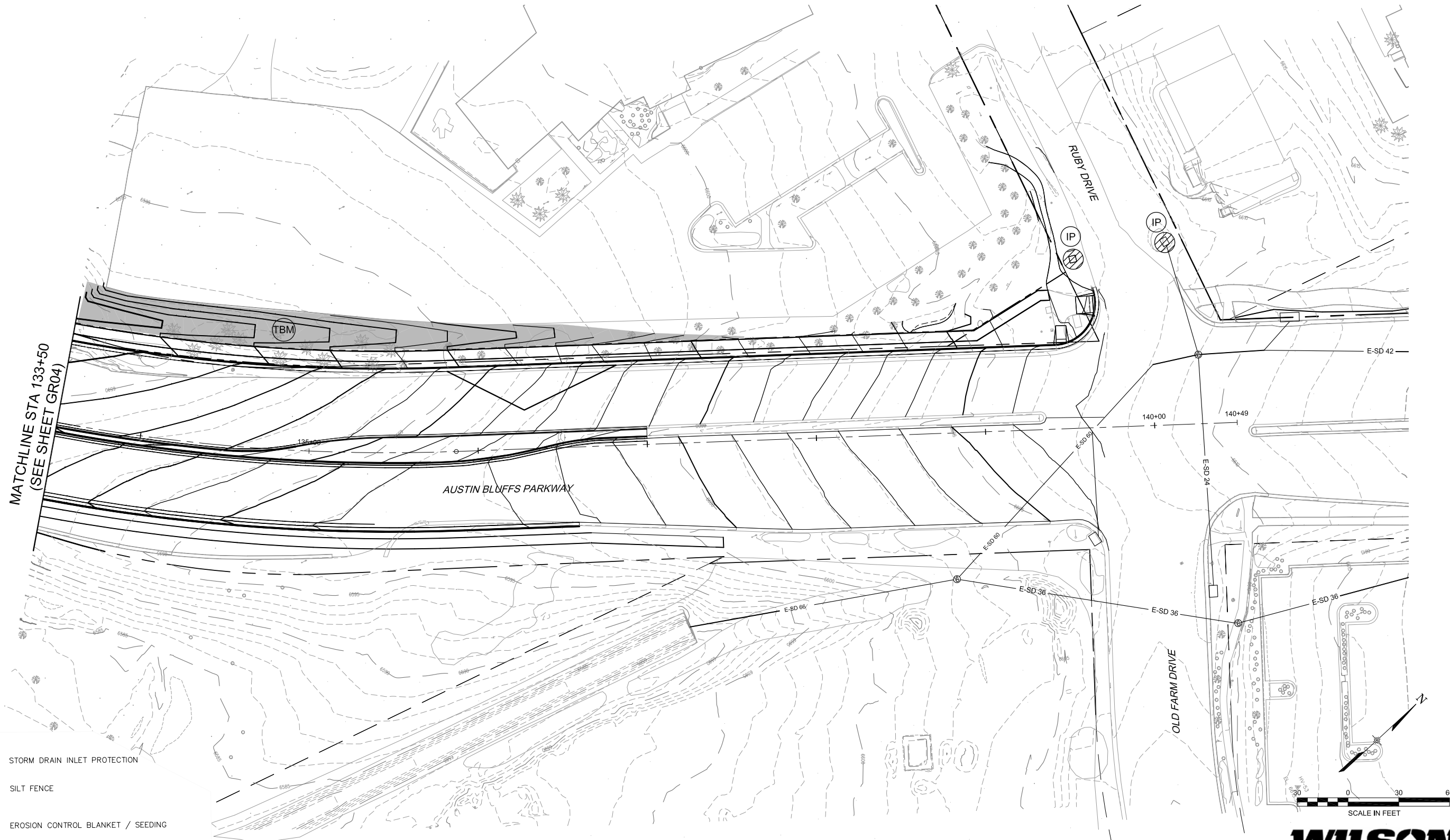
Austin Bluffs Corridor Project

SILVER DRIVE  
ADDITIONAL REMOVALS AND PAVING  
Drawn By: DRH Date: 03/06/2014  
Checked By: DH Structure:        
Horiz. Scale: 1" = 15' Vert. Scale: 1" = 15'





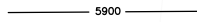

Project No./Code  
351308  
Sheet Number 1 OF 1



Know what's below.  
Call before you dig.



**LEGEND**

-  STORM DRAIN INLET PROTECTION
-  SILT FENCE
-  EROSION CONTROL BLANKET / SEEDING
-  5975 EXISTING GRADE CONTOURS
-  5900 FINISHED GRADE CONTOURS
-  PROPOSED STORM LINE/MH/INLET

**WILSON & COMPANY**

PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/04/11
Last Modification Date:	1/11/13
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
Drawing File Name:	EC01-EC-05.dwg
Acad Ver.	2011
Scale:	AS SHOWN

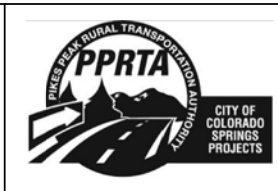
REVISIONS		
No.	Description	Date

**STATEMENT:**  
 THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

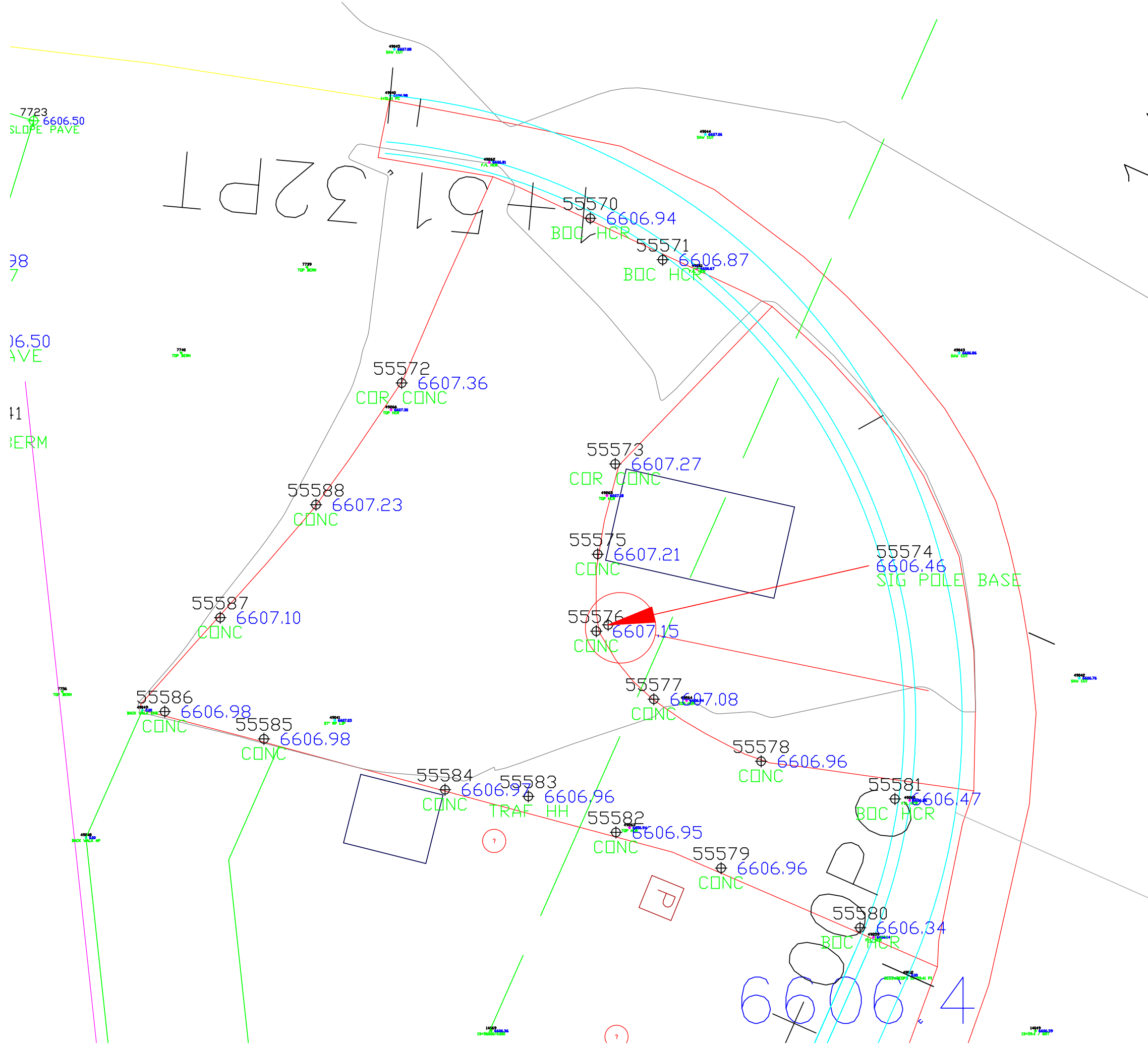
**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: TDS  
 DRAWN BY: CMC  
 CHECKED BY: MAK

**RFP Set**

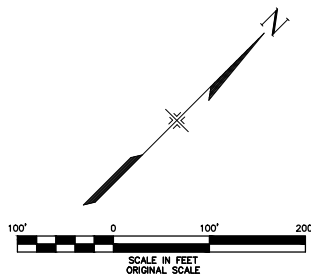
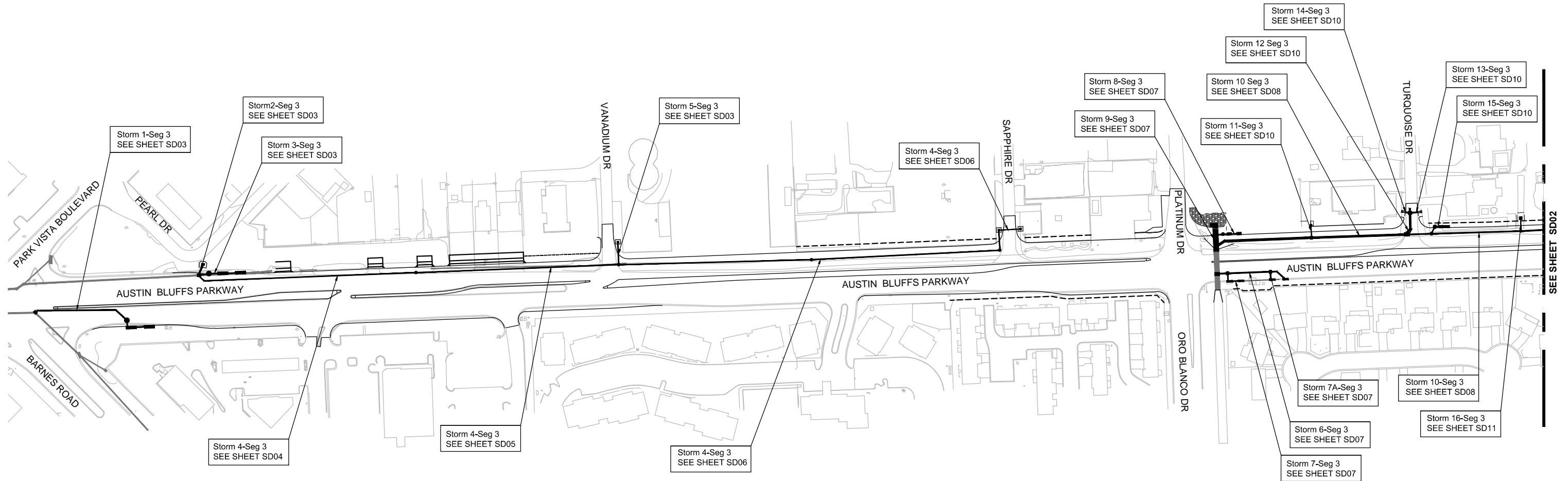


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
GRADING AND EROSION CONTROL PLAN			
STA 133+50 TO END OF PROJECT			
Subset:	GR	Subset Sheets:	GR05 of GR05
			Sheet No: 749





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PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
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Last Modification Date:	Initials:
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Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

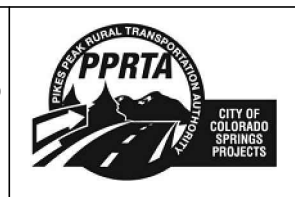
STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

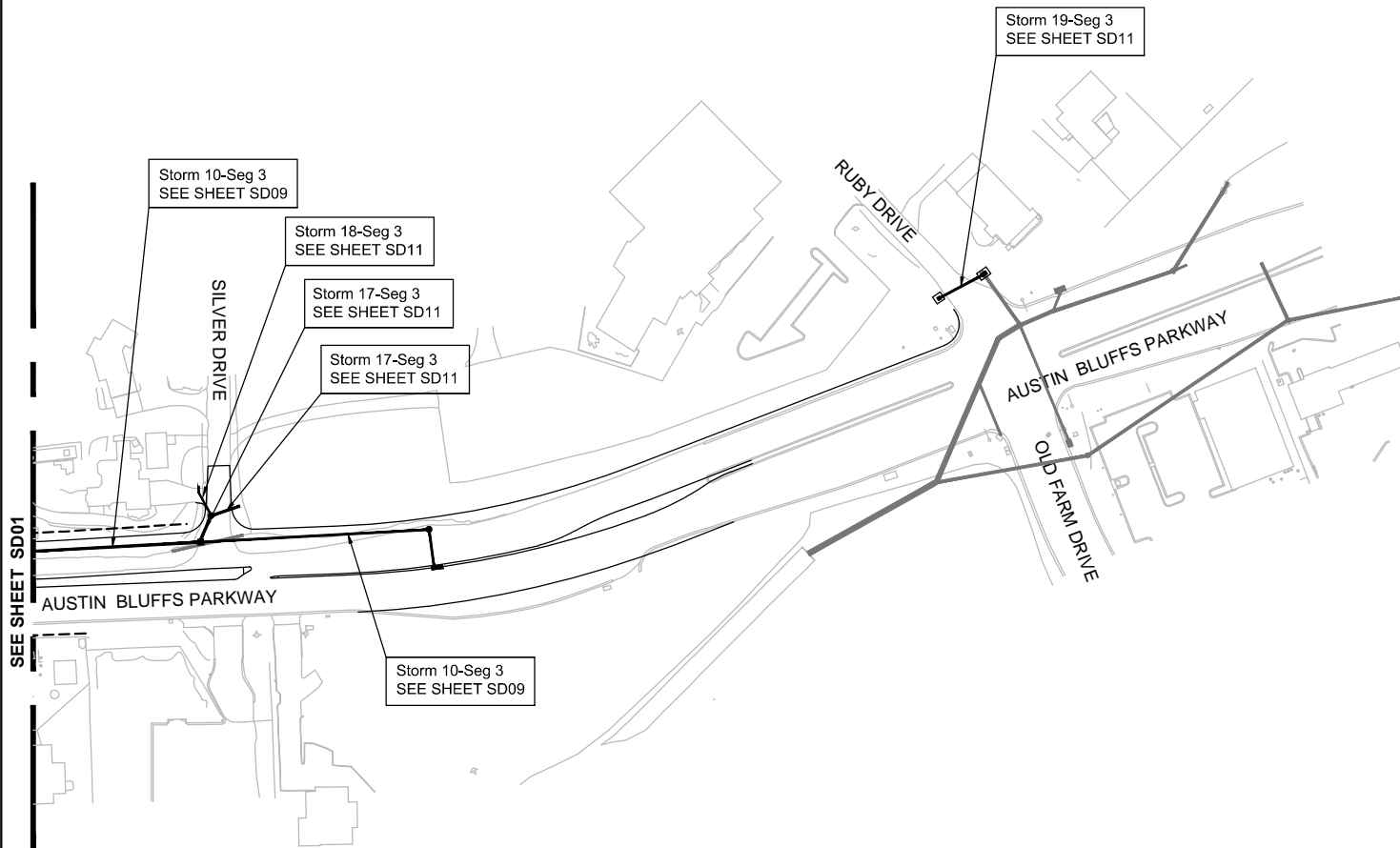
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: JCH

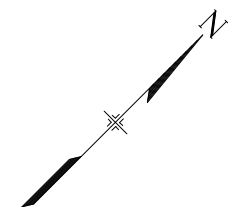
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SEWER PLAN & PROFILE SHEET INDEX			
Subset:	SD	Subset Sheets:	SD01 of SD27
		Sheet No:	750



SEE SHEET SD01



**STORM SYSTEM GENERAL NOTES:**

ALL STORM SYSTEM COMPONENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS AND DRAWINGS UNLESS OTHERWISE INDICATED BY THE PLANS.

UTILITY LOCATIONS SHOWN ON THE STORM SEWER PLAN AND PROFILE SHEETS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE WORK. REFER TO THE REMOVAL PLANS AND PROPOSED UTILITY PLANS FOR SPECIFIC UTILITY REMOVALS AND RELOCATIONS. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING FACILITIES TO REMAIN IN THE WORK ZONE. THE COST TO LOCATE AND PROTECT UTILITIES SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE WORK.

WATER QUALITY VAULTS AND PIPE CONNECTIONS AND LOCATIONS SHOWN ON THE PLAN AND PROFILE SHEETS ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR AND THEIR SELECTED MANUFACTURER SHALL COORDINATE WITH THE ENGINEER OF RECORD THROUGH SHOP DRAWINGS TO DETERMINE THE ACTUAL VAULT SELECTION, CONNECTION DETAILS, LOCATIONS, AND INSTALLATION PROCEDURES. REFER TO PROJECT SPECIFICATIONS SECTION 636.09 FOR WQ VAULT PERFORMANCE REQUIREMENTS SUMMARY.

TURF REINFORCEMENT MAT SHALL BE NORTH AMERICAN GREEN C350 OR APPROVED EQUAL INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

NORTH AMERICAN GREEN SC150 EROSION CONTROL BLANKET OR APPROVED EQUAL SHALL BE BE INSTALLED ALONG THE LENGTH OF THE "IMPROVED SWALE" ADJACENT TO THE AUSTIN BLUFFS COMMUNITY CHURCH PARKING LOT AS SHOWN ON DETAIL SHEET SD20 .

ALL SLOPES 3:1 OR GREATER SHALL BE COVERED WITH EROSION CONTROL BLANKET AS INDICATED ON THE "GRADING AND EROSION CONTROL PLANS, UNLESS STABILIZED BY OTHER MEANS NOTED ON THE PLANS.

ALL REINFORCED CONCRETE STORM SEWER PIPE SHALL BE CLASS III RCP OR BETTER UNLESS OTHERWISE NOTED.

ALL DUCTILE IRON PIPE SHALL POSSESS A MINIMUM WALL THICKNESS OF 0.33 INCHES AND SHALL BE CLASS 350 PUSH ON OR SLIP JOINT RUBBER GASKETED JOINT PIPE.

THE PLACEMENT OF PROPOSED STORM SEWER WILL REQUIRED EXTENSIVE COORDINATION WITH ALLOWABLE LANE CLOSURES.

WHEN OPEN TRENCH CONSTRUCTION OCCURS, THE CONTRACTOR SHALL PLACE MEASURES WHICH PROTECT BOTH VEHICULAR AND PEDESTRIAN TRAFFIC FROM HARM. TO THE EXTENT PRACTICAL, NO OPEN TRENCHES SHALL BE PERMITTED OUTSIDE OF THE CONTRACTORS WORK HOURS.

STORM SEWER LENGTHS PROVIDED IN THE DRAINAGE PLANS AND PROFILES REFLECT THE ACTUAL MEASUREMENT FROM THE INSIDE FACE OF WALL TO THE INSIDE FACE OF WALL ALONG THE CENTERLINE, WHERE PIPE ARE NOT NORMAL TO THE WALL THAT THEY PENETRATE ADDITIONAL PIPE LENGTH WILL BE REQUIRED TO TRIM PIPE FLUSH WITH WALL.

IN THE CASE THAT STORM SEWER LATERALS CROSS PHASE BOUNDARIES, THE TERMINATION OF THE STORM SEWER PIPE SHALL BE TO THE NEAREST FULL PIPE LENGTH WITHOUT CUTTING. NO PREFABRICATED PIPES SEGMENT SHALL BE LESS THAN 4 FEET IN LENGTH AND SHALL BE OF THE SAME CLASS AND MATERIAL SPECIFICATIONS REQUIRED FOR THE PROJECT.

ANY DESCRIPTIONS OF PAY ITEMS OR PAY QUANTITIES PROVIDED ON THE UTILIZED CITY AND COUNTY OF DENVER (CCD) WASTEWATER MANAGEMENT DIVISION (WMD) STANDARD DETAILS ARE NULL AND VOID. PAY ITEMS AND QUANTITIES SHALL BE IN ACCORDANCE WITH PROJECT SPECIAL PROVISIONS, TABULATIONS AND BID SCHEDULE.



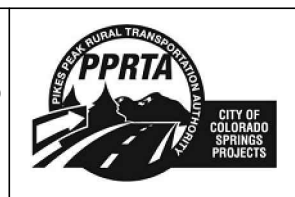
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Drawing File Name:	Segment 3 Storm Drain Sheet Index.dwg
Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**  
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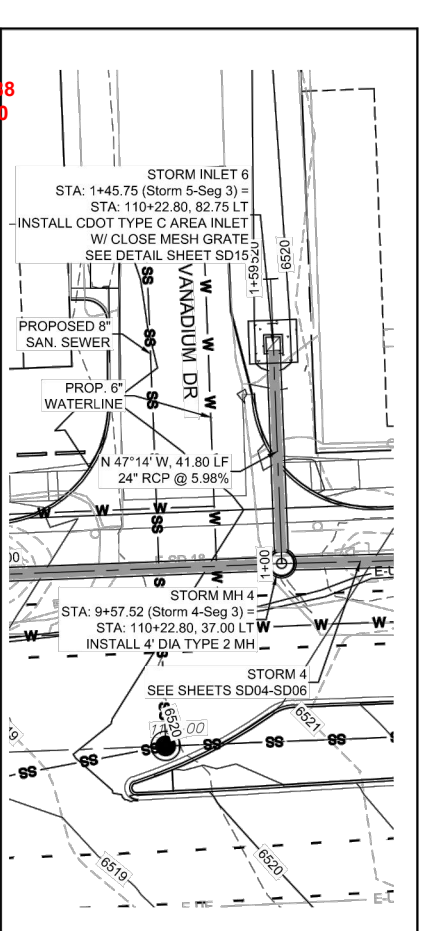
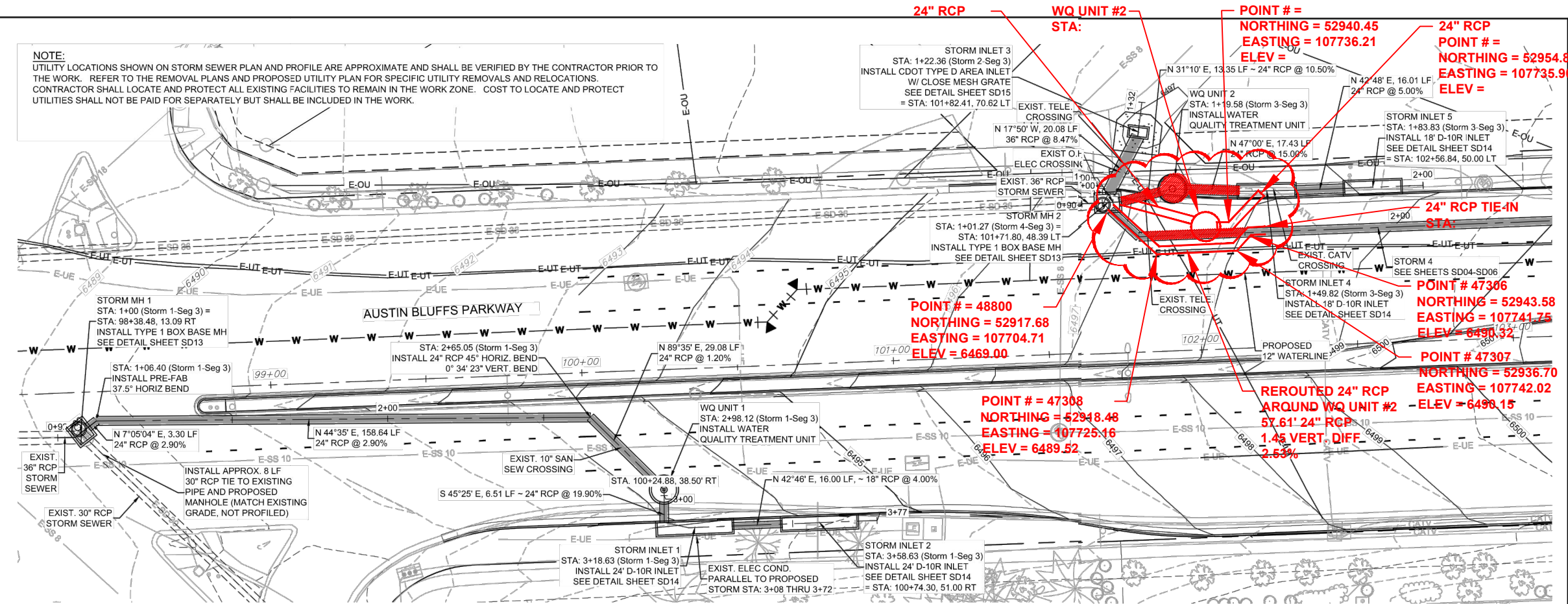
**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100  
 DESIGNED BY: DLM  
 DRAWN BY: DLM  
 CHECKED BY: JCH  
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SEWER PLAN & PROFILE SHEET INDEX			
Subset:	SD	Subset Sheets:	SD02 of SD27 Sheet No: 751

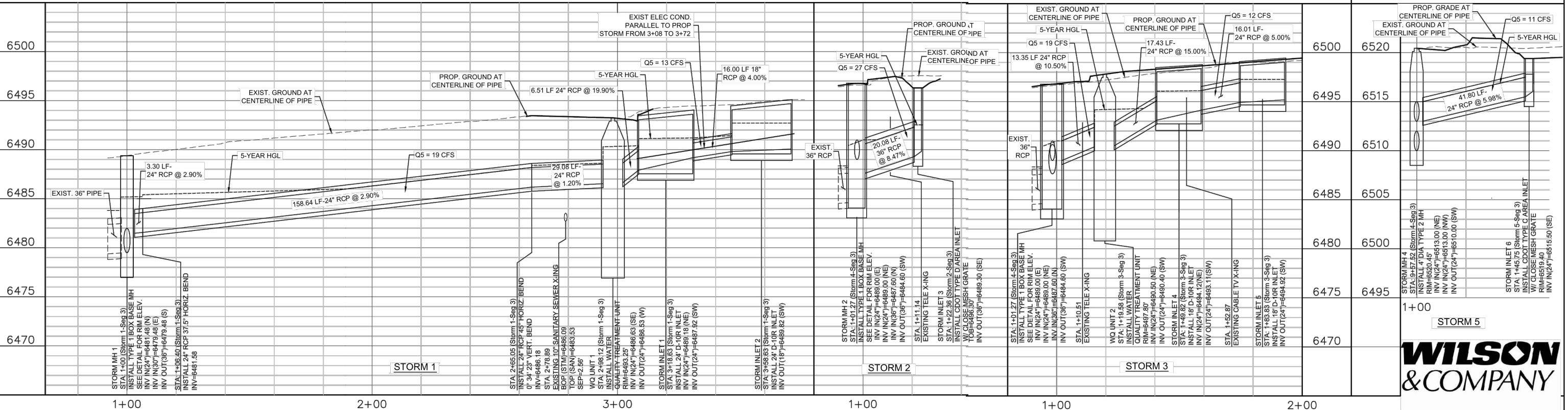


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**WQ #2 CONFLICT**  
**WQ #2 UNIT WAS MOVED SOUTH EAST DUE TO OVERHEAD POWER LINE CLEARANCE FOR CRANE LIFTING OPERATION**

**NOTE:**  
THE WATER QUALITY VAULTS AND PIPE CONNECTIONS AND LOCATIONS SHOWN IN THE PLAN AND PROFILE ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR AND THEIR SELECTED MANUFACTURER SHALL COORDINATE WITH THE ENGINEER OF RECORD THROUGH SHOP DRAWINGS TO DETERMINE THE ACTUAL VAULT MANUFACTURE, CONNECTION DETAILS, LOCATIONS AND INSTALLATION PROCEDURES.



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Acad Ver.	2011
Scale:	AS SHOWN

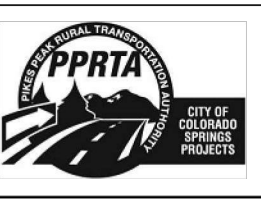
REVISIONS		
No.	Description	Date

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**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SYSTEM PLAN & PROFILE			
Subset:	SD	Subset Sheets:	SD03 of SD27
Sheet No:	752		

PLOT DATE: 11/5/2013

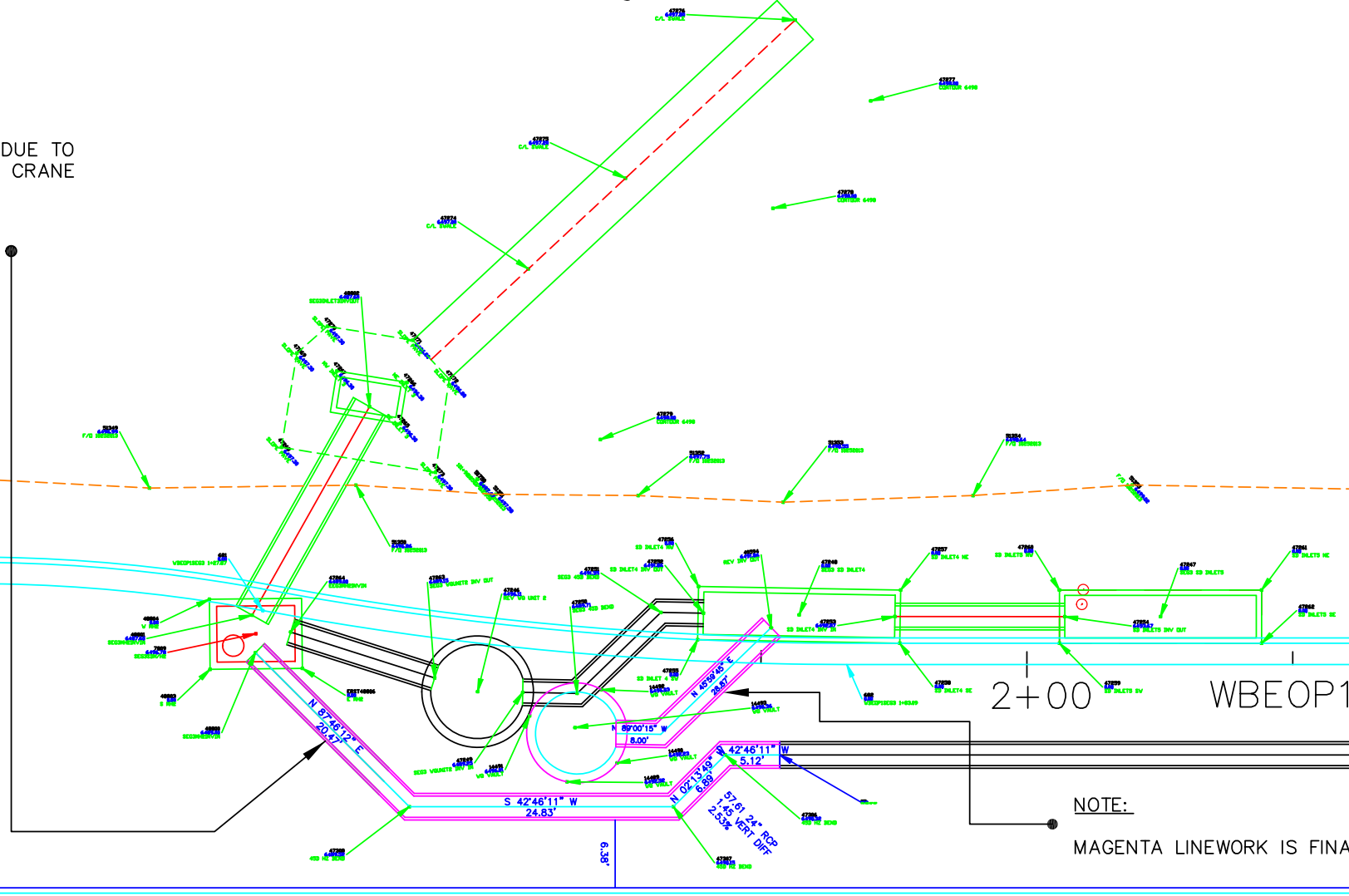
# AUSTIN BLUFFS PARKWAY

SEGMENT # 3  
WATER QUALITY UNIT # 2

**NOTE:**

WQ UNIT # 2 WAS MOVED SOUTH EAST DUE TO OVERHEAD POWER LINE CLEARANCE FOR CRANE LIFTING OPERATION.

MAGENTA LINEWORK IS FINAL LOCATION.

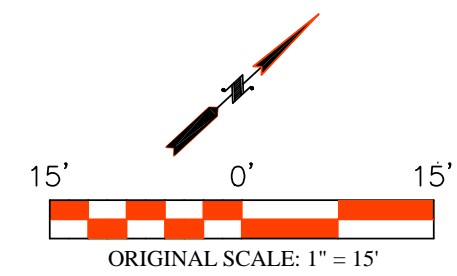


**NOTE:**

MAGENTA LINEWORK IS FINAL LOCATION.

← AUSTIN BLUFFS WEST BOUND LANES

102+00



Lawrence Construction Company

9002 North Moore Road  
Littleton, Colorado 80125  
(303) 791-5642 Office  
(303) 791-5647 Fax  
[www.lawrence-construction.com](http://www.lawrence-construction.com)

Date:	Comments:



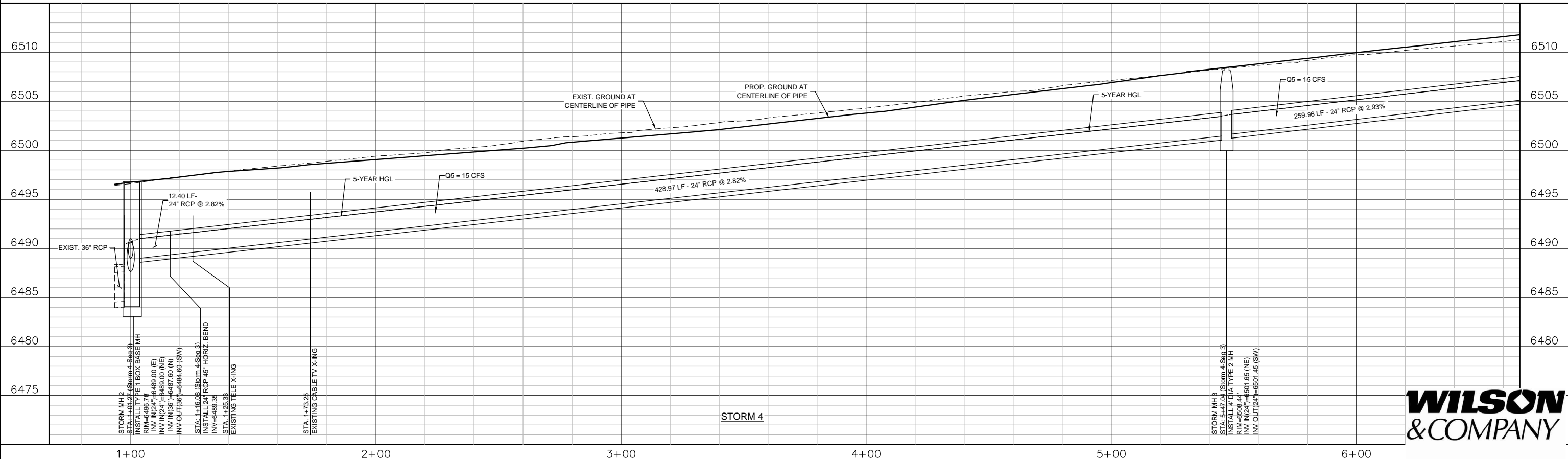
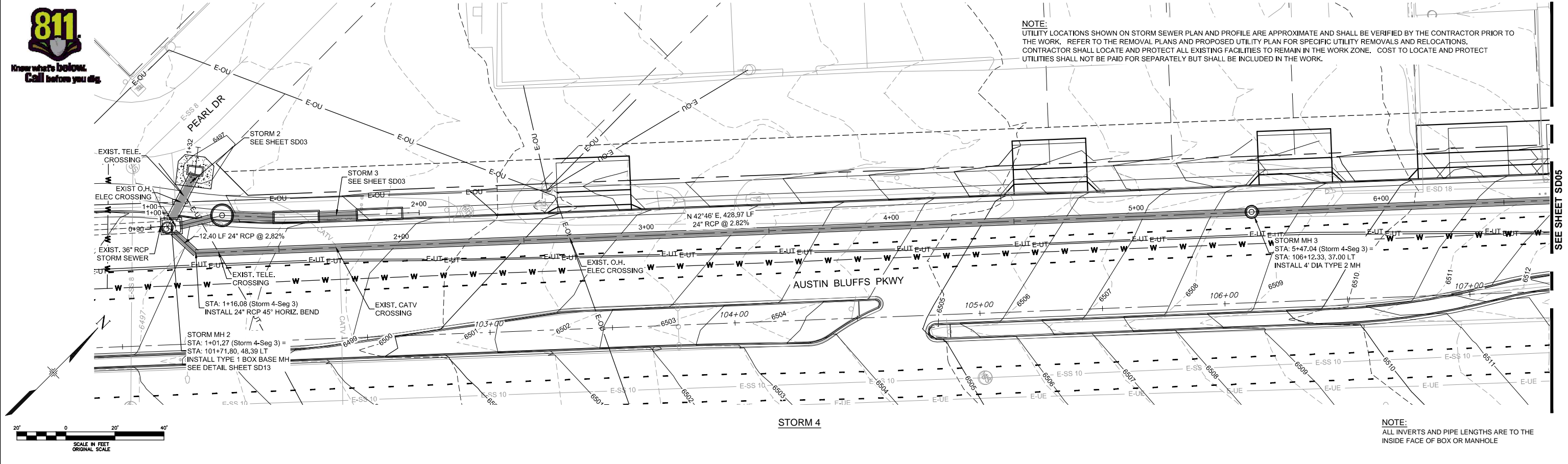
Austin Bluffs Corridor Project

WQ UNIT # 2  
SEGMENT # 3

Project No./Code

Drawn By: DRH Date: 12/13/2013  
Checked By: BL Structure: SD  
Horiz. Scale: 1" = 15' Vert. Scale: 1" = 15'

351308  
Sheet Number 1 OF 1



**WILSON & COMPANY**

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Acad Ver.	2011
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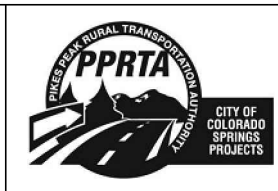
REVISIONS		
No.	Description	Date

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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: JCH

**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SYSTEM PLAN & PROFILE			
Subset:	SD	Subset Sheets:	SD04 of SD27
Sheet No:			753

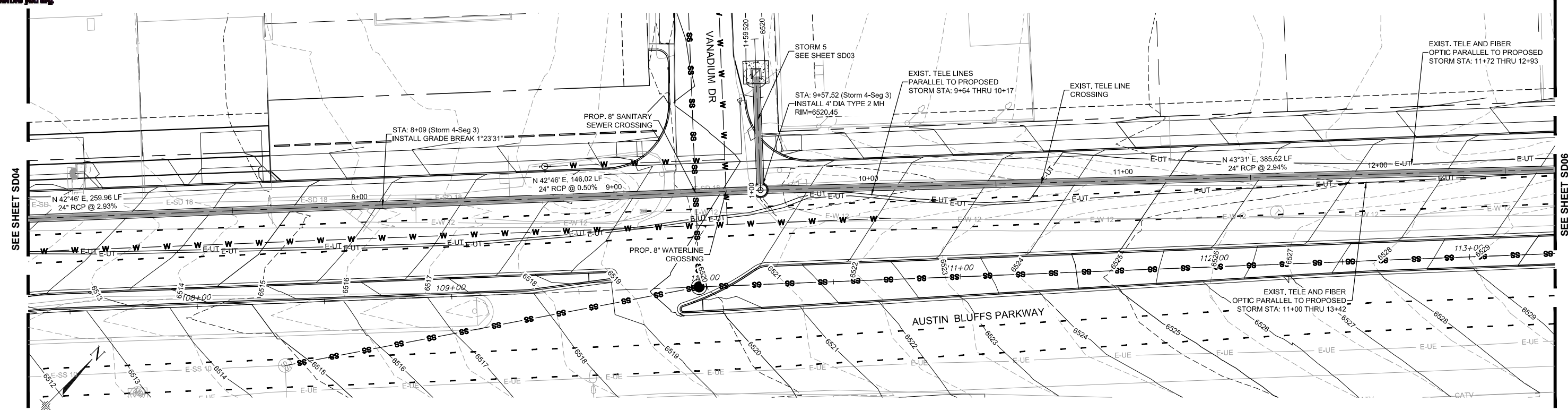
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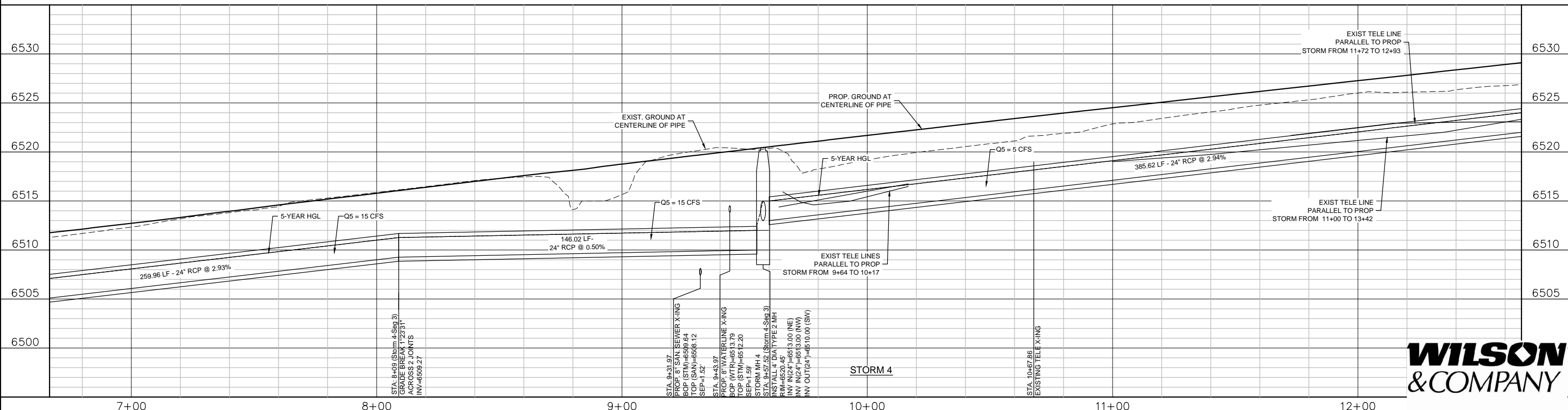
Know what's below.  
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NOTE:  
UTILITY LOCATIONS SHOWN ON STORM SEWER PLAN AND PROFILE ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE WORK. REFER TO THE REMOVAL PLANS AND PROPOSED UTILITY PLAN FOR SPECIFIC UTILITY REMOVALS AND RELOCATIONS. CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING FACILITIES TO REMAIN IN THE WORK ZONE. COST TO LOCATE AND PROTECT UTILITIES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.



STORM 4

NOTE:  
ALL INVERTS AND PIPE LENGTHS ARE TO THE INSIDE FACE OF BOX OR MANHOLE



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Acad Ver.	2011	Scale:	AS SHOWN			Sheet No: 754	

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CHECKED BY: JCH

RFP Set



CITY OF COLORADO SPRINGS PROJECTS

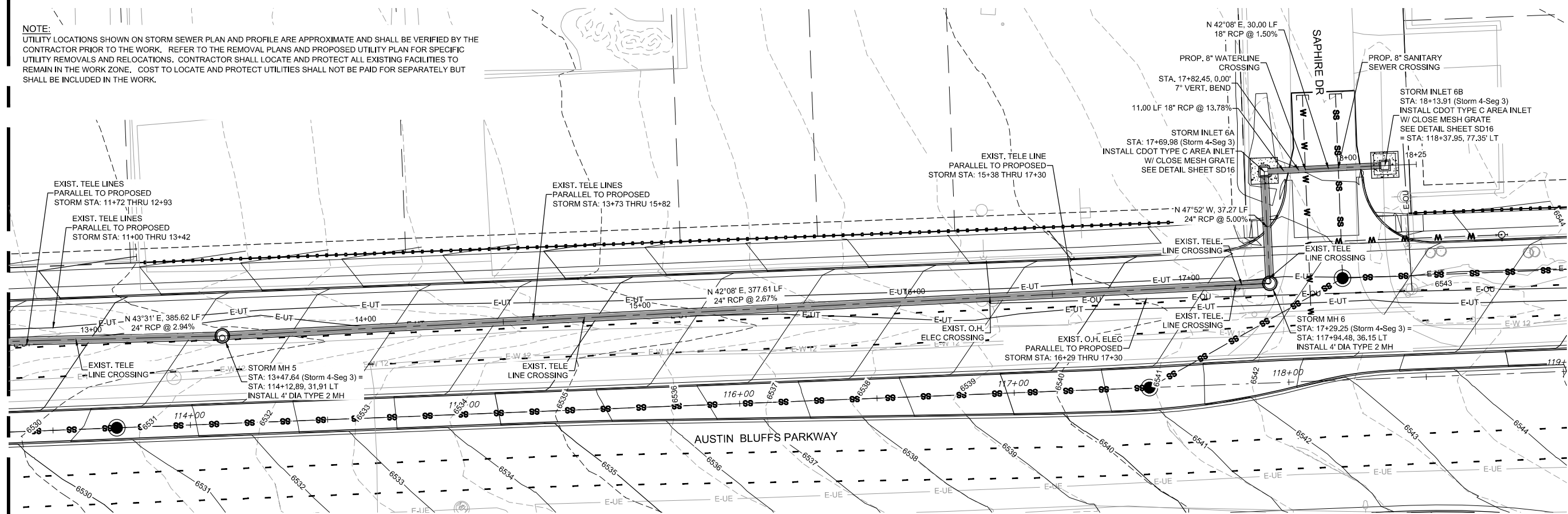
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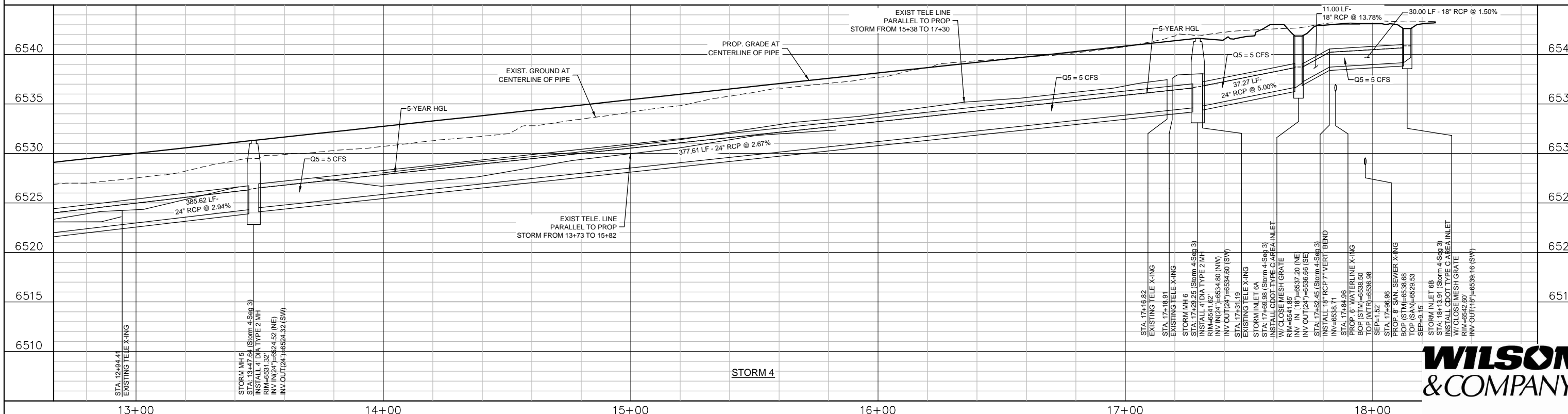
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SEE SHEET SD05



STORM 4

NOTE:  
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STORM 4



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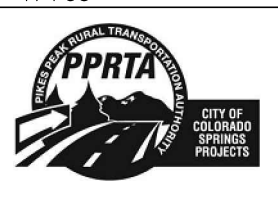
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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: JCH

**RFP Set**

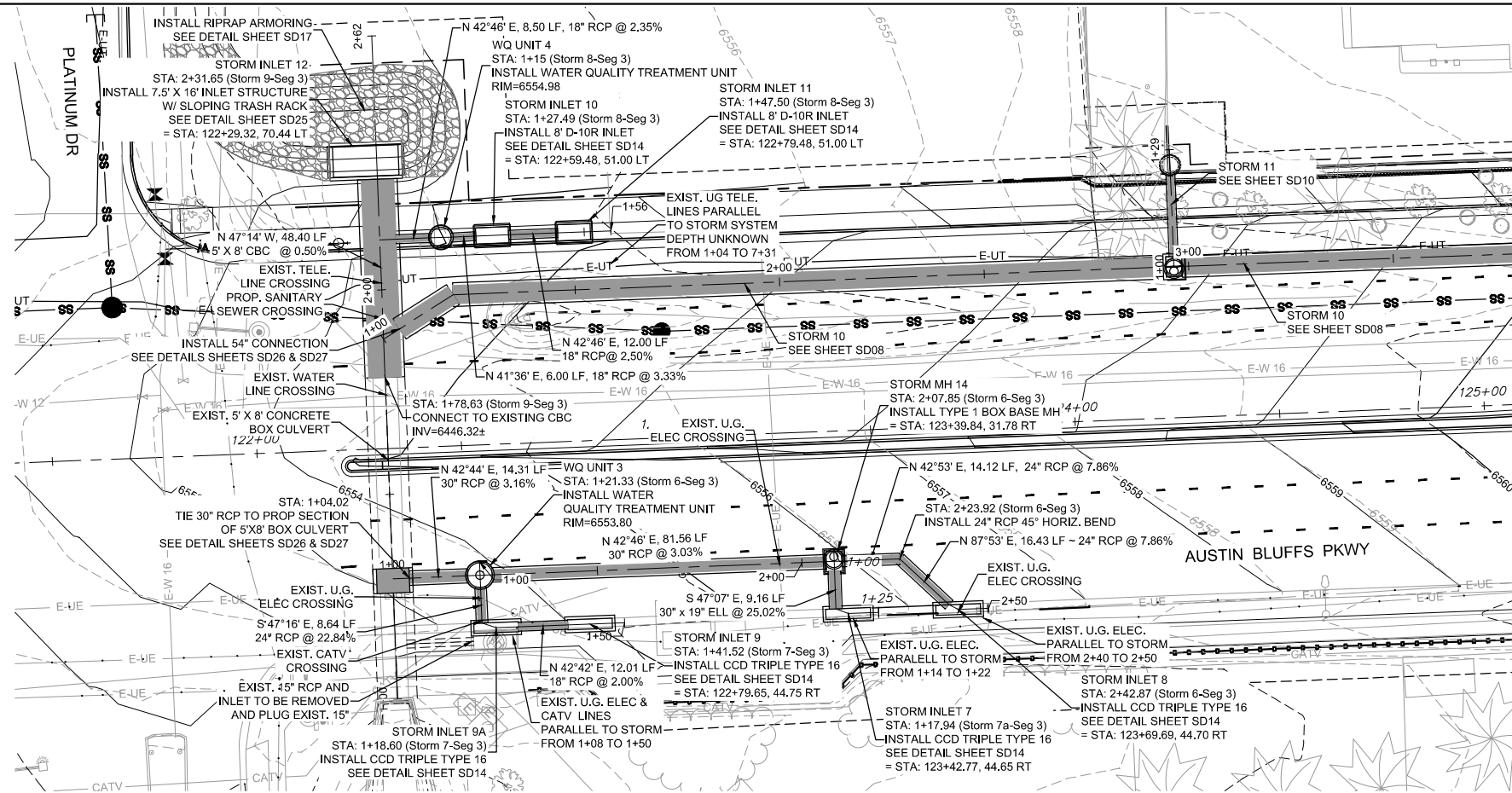


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Rd.		
STORM SYSTEM PLAN & PROFILE		
Subset:	SD	Subset Sheets: SD06 of SD27
		Sheet No: 755

PLOT DATE: 1/15/2013



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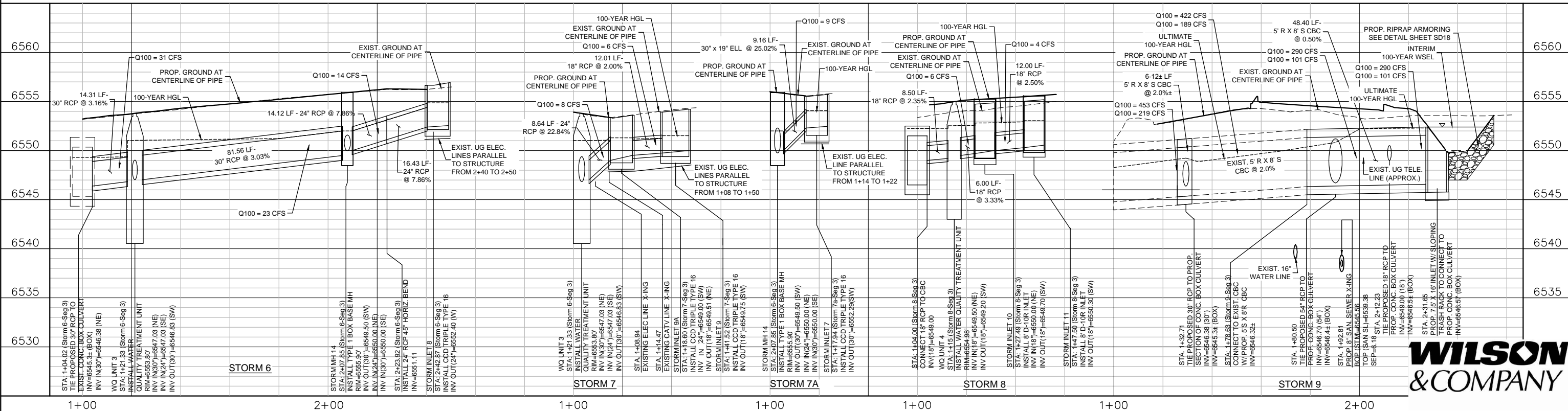


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STORM 6, 7, 7A, 8, 9

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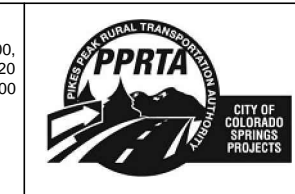
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No.	Description	Date

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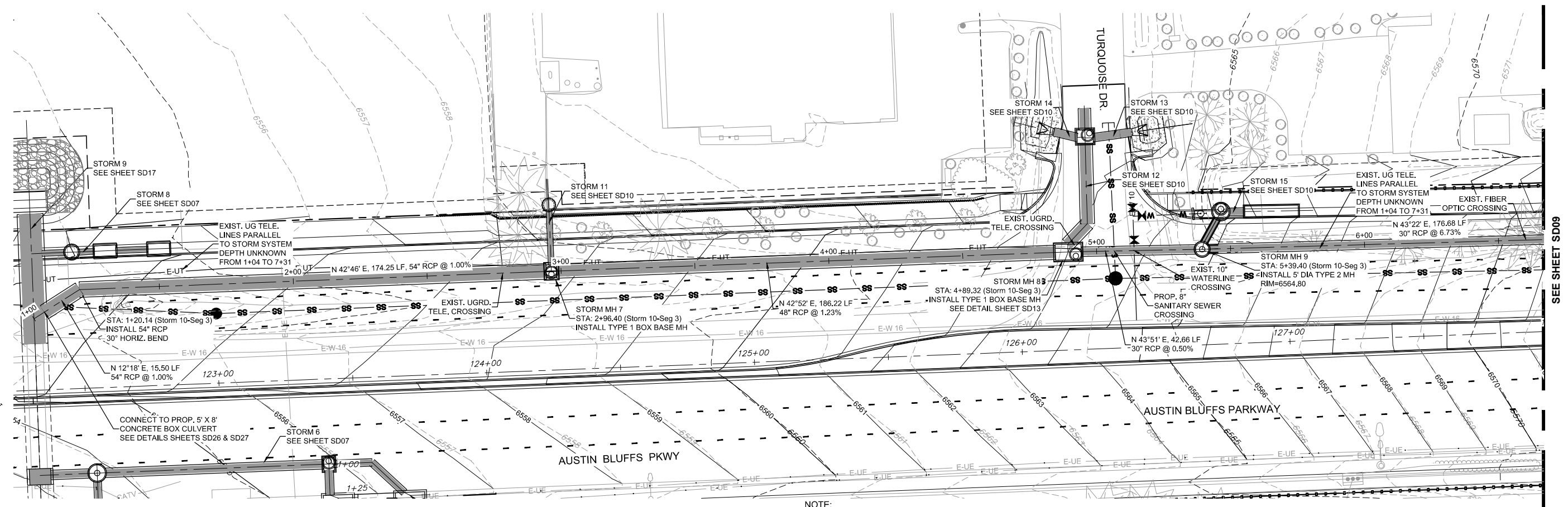
**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: JCH

**RFP Set**

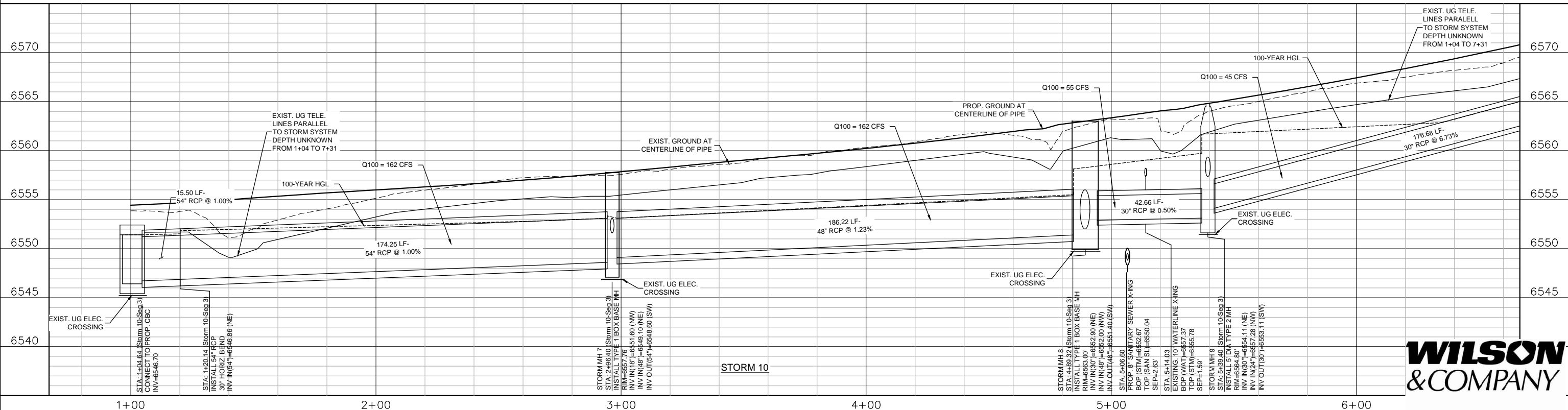


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SYSTEM PLAN & PROFILE			
Subset:	SD	Subset Sheets:	SD07 of SD27
Sheet No:			756



**NOTE:**  
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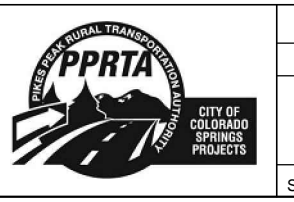
REVISIONS		
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 2435 Research Pkwy, Suite 300  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: DLM  
 DRAWN BY: DLM  
 CHECKED BY: JCH

**RFP Set**



AUSTIN BLUFFS PARKWAY			
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STORM SYSTEM PLAN & PROFILE			
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Sheet No:		757	

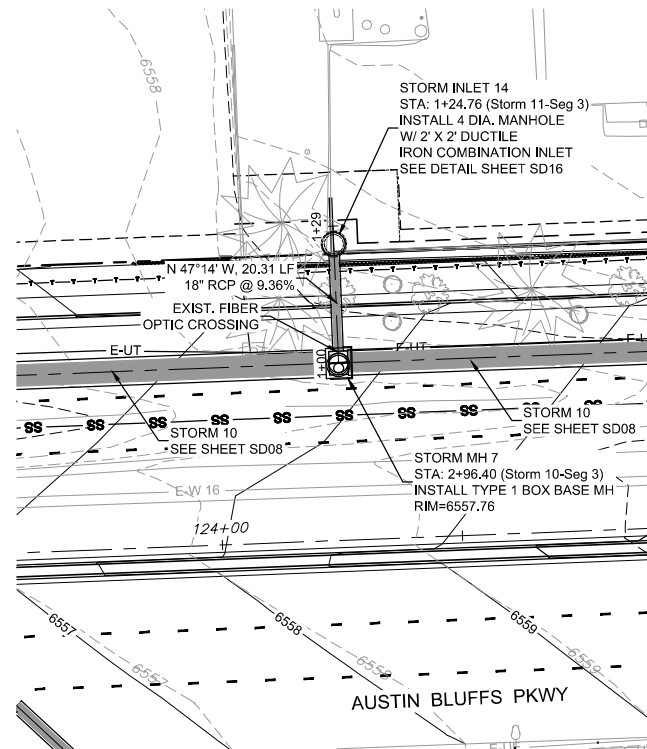
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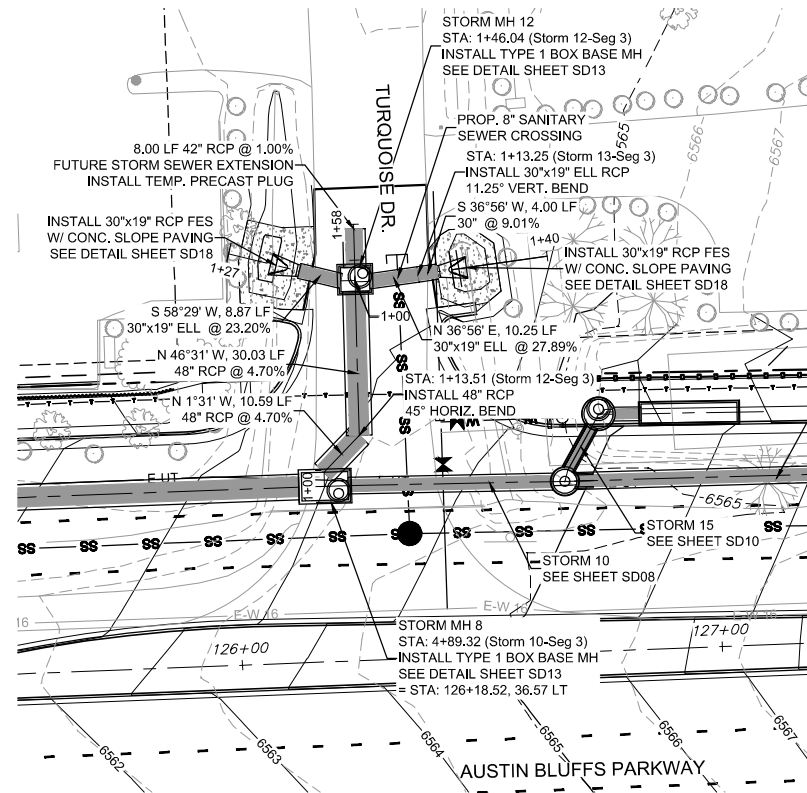


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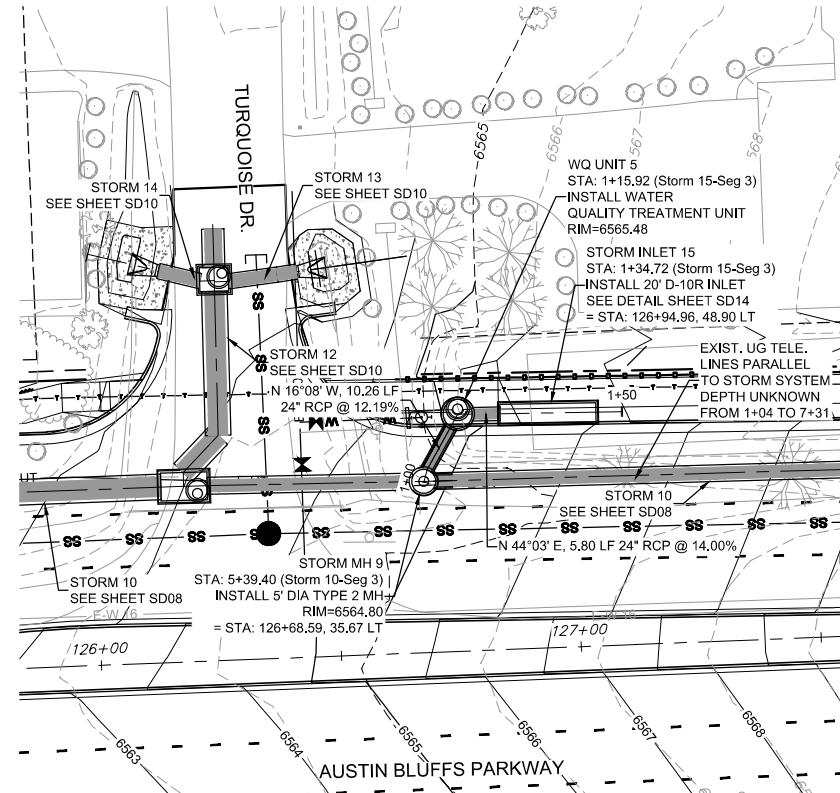
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STORM 11



STORM 12, 13, 14

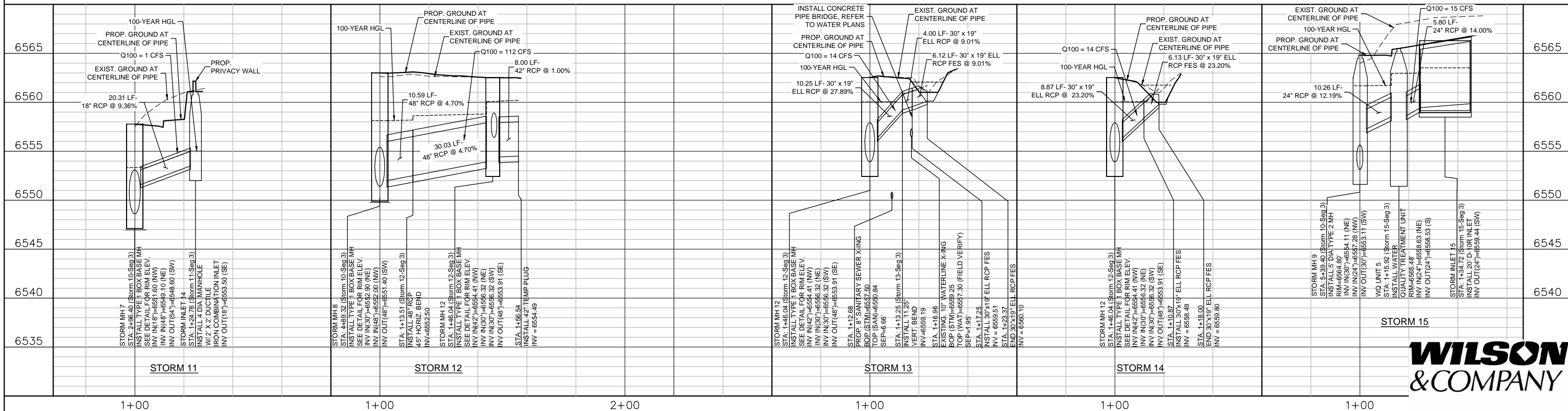


STORM 15

NOTE: UTILITY LOCATIONS SHOWN ON STORM SEWER PLAN AND PROFILE ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE WORK. REFER TO THE REMOVAL PLANS AND PROPOSED UTILITY PLAN FOR SPECIFIC UTILITY REMOVALS AND RELOCATIONS. CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING FACILITIES TO REMAIN IN THE WORK ZONE. COST TO LOCATE AND PROTECT UTILITIES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.



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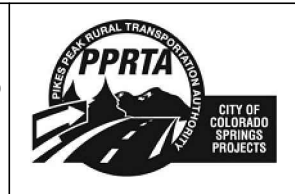


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Drawing File Name:	Segment 3 Storm Drain Sheets P&P 2.dwg
Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

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**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100  
 DESIGNED BY: DLM  
 DRAWN BY: DLM  
 CHECKED BY: JCH  
**RFP Set**

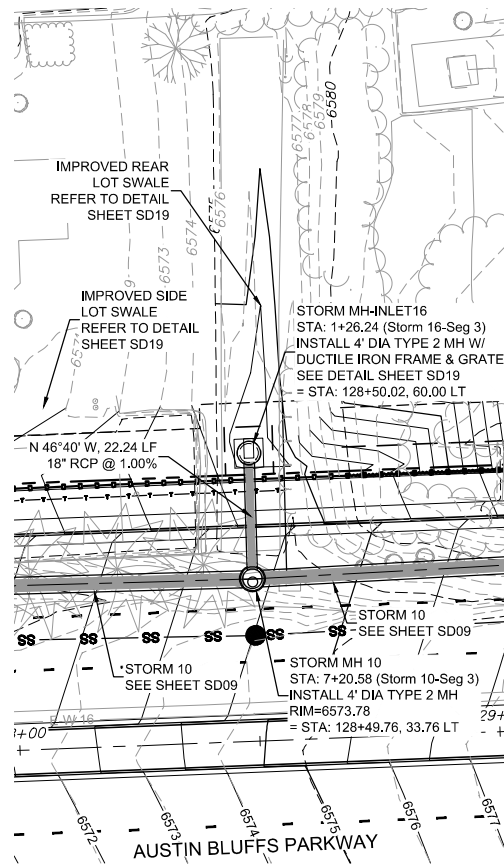


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SYSTEM PLAN & PROFILE			
Subset:	SD	Subset Sheets:	SD10 of SD27
Sheet No:		759	

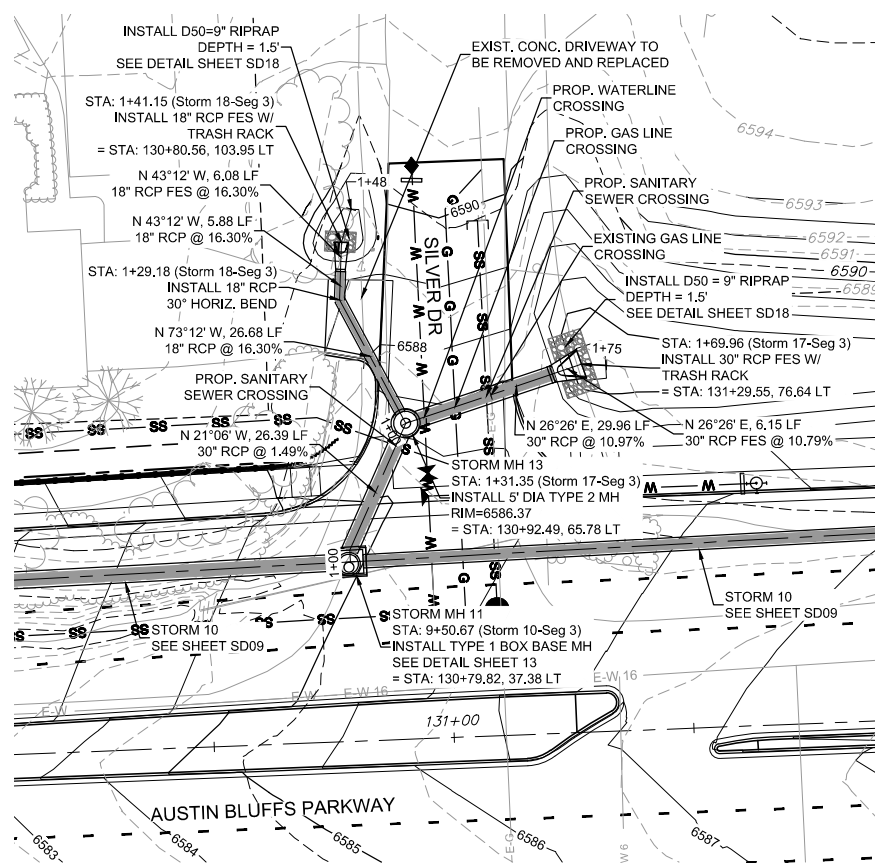
PLOT DATE: 1/15/2013



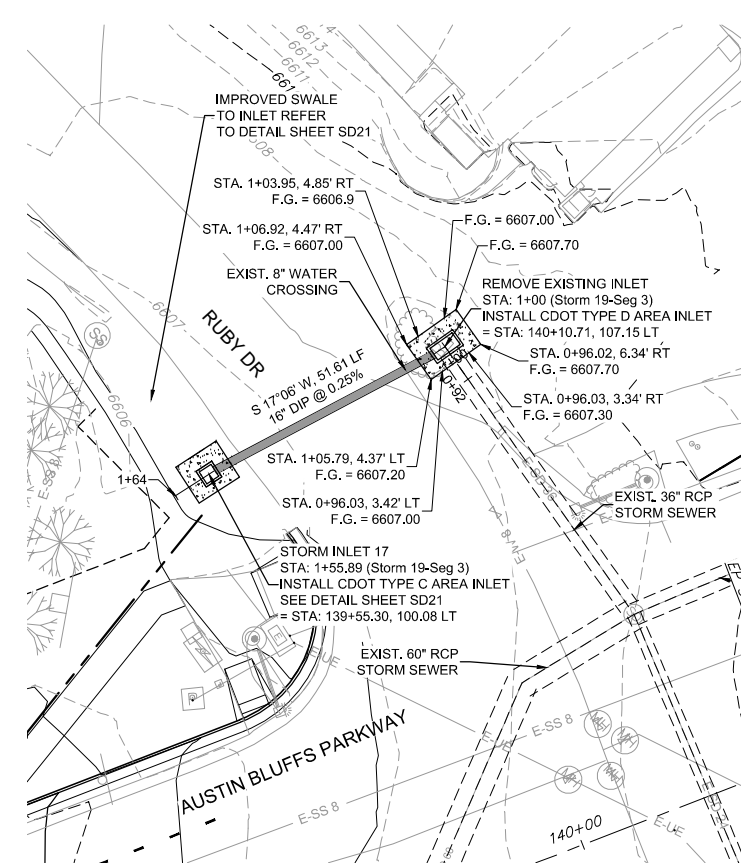
Know what's below. Call before you dig.



STORM 16



STORM 17, 18



STORM 19

NOTE: UTILITY LOCATIONS SHOWN ON STORM SEWER PLAN AND PROFILE ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE WORK. REFER TO THE REMOVAL PLANS AND PROPOSED UTILITY PLAN FOR SPECIFIC UTILITY REMOVALS AND RELOCATIONS. CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING FACILITIES TO REMAIN IN THE WORK ZONE. COST TO LOCATE AND PROTECT UTILITIES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.

NOTE: ALL INVERTS AND PIPE LENGTHS ARE TO THE INSIDE FACE OF BOX OR MANHOLE



Profile table with columns for stationing (6585-6615), storm system (16, 17, 18, 19), and pipe details (inverts, slopes, manholes, etc.).

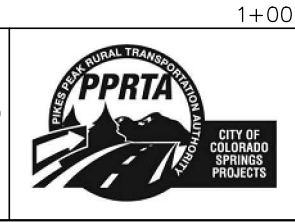


COMPUTER FILE INFORMATION table with columns for Creation Date, Last Modification Date, Drawing File Name, and Acad Ver.

REVISIONS table with columns for No., Description, and Date.

STATEMENT: THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

Matrix DESIGN GROUP logo and contact information: 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920, 719.575.0100. Includes 'RFP Set' badge.

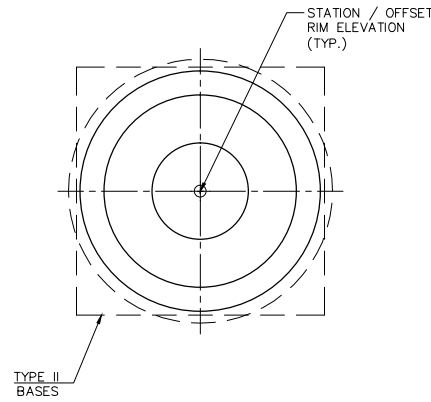


Project information table: AUSTIN BLUFFS PARKWAY Segment 3 - Barnes Rd. to Old Farm Rd. STORM SYSTEM PLAN & PROFILE. Subsets: SD, SD11 of SD27. Sheet No: 760.

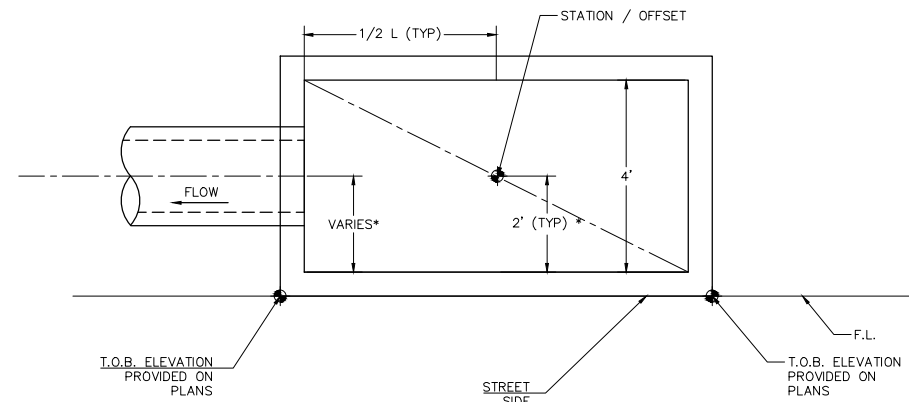
PLOT DATE: 1/15/2013



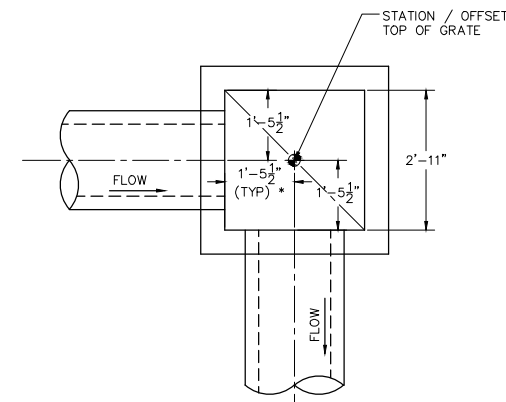
Know what's below.  
Call before you dig.



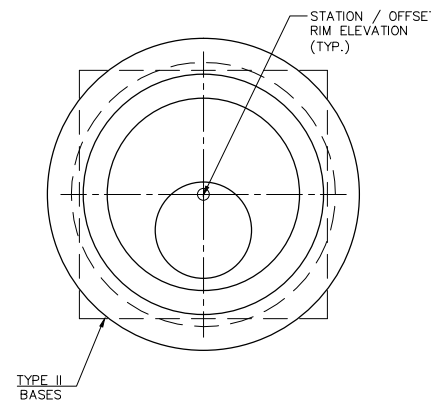
CONTROL POINT - CONCENTRIC TYPE II MANHOLES



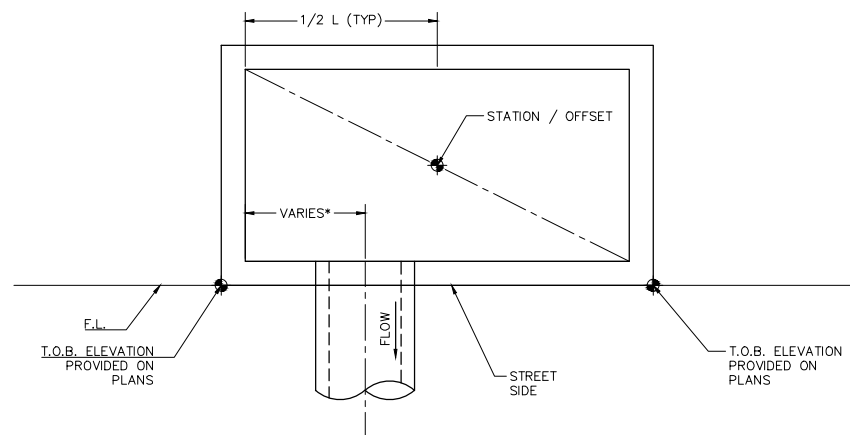
CONTROL POINT - D-10R INLET (AT-GRADE)  
PIPE ENTERING FROM SIDE OF INLET



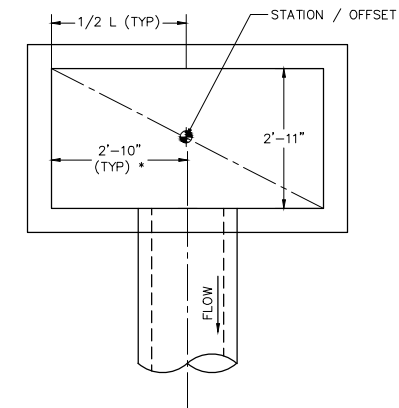
CONTROL POINT - CDOT TYPE C (SUMP) INLET  
PIPE ENTERING FRONT AND/OR SIDE OF INLET



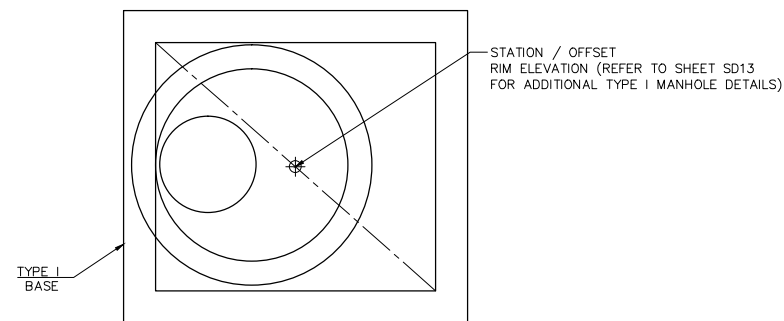
CONTROL POINT - ECCENTRIC TYPE II MANHOLES



CONTROL POINT - D-10R INLET (AT-GRADE)  
PIPE ENTERING FRONT OF INLET

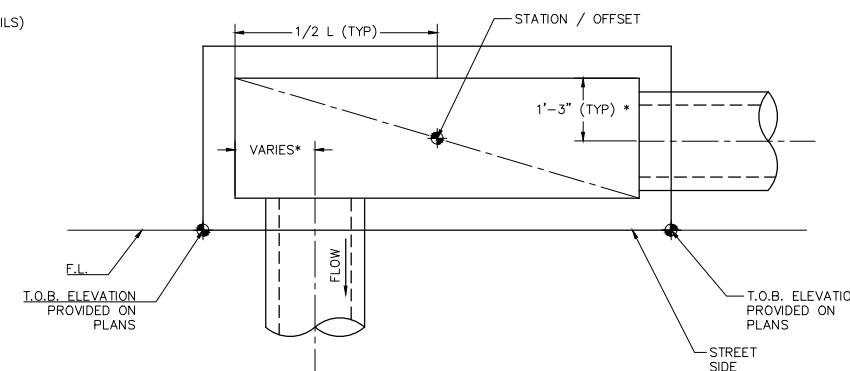


CONTROL POINT - CDOT TYPE D (SUMP) INLET  
PIPE ENTERING FRONT OF INLET



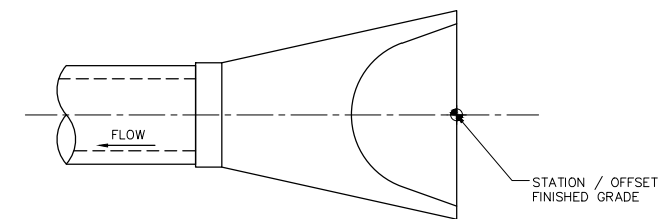
CONTROL POINT - TYPE I MANHOLE

NOTE: CONTROL POINT LOCATED AT CENTER OF STRUCTURE UNLESS OTHERWISE NOTED ON SHEET SD13. SEE DETAIL SHEET SD13 FOR ADDITIONAL TYPE I MANHOLE DETAILS.



CONTROL POINT - TYPE 16 INLET (COMBINATION)  
PIPE ENTERING FRONT AND/OR SIDE OF INLET

\* REFER TO DETAIL SHEET SD14



CONTROL POINT - FLARED END SECTION

**WILSON & COMPANY**

PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/13/12
Last Modification Date:	
Full Path:	M:\TRN\09-100-305-00\CADD\DESIGN\Hydraulics\Drawings\
Drawing File Name:	Segment 3 Storm Drain Detail Sheet 1.dwg
Acad Ver.:	2011
Scale:	AS SHOWN

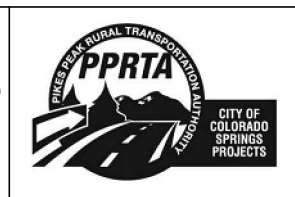
REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: JCH

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Rd.		
STORM SYSTEM DETAILS		
Subset:	SD	Sheet No: 761
Subset Sheets:	SD12 of SD27	



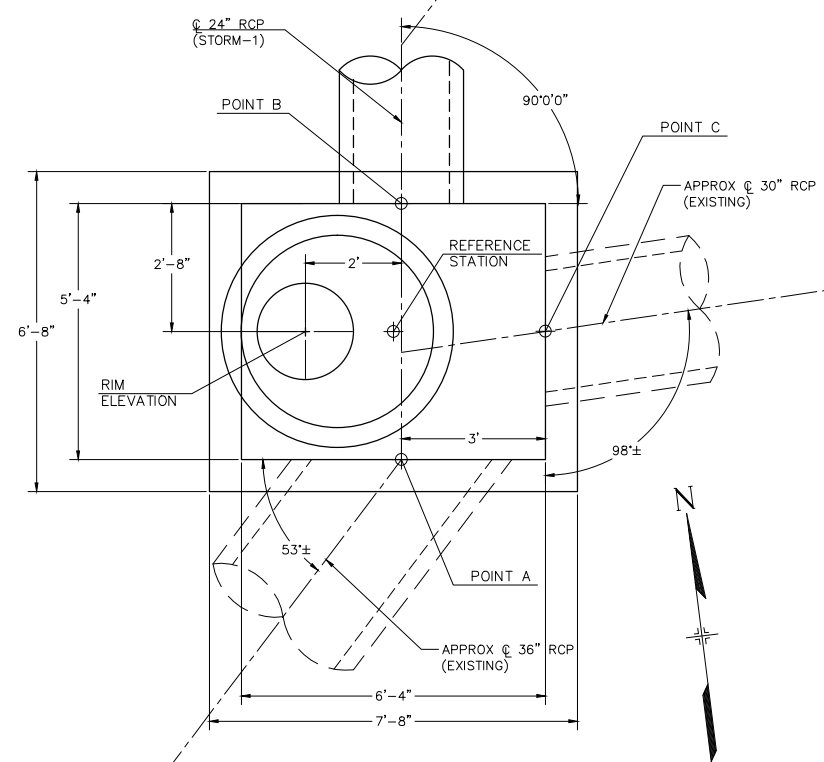


Know what's below. Call before you dig.

MANHOLE DATA TABLE

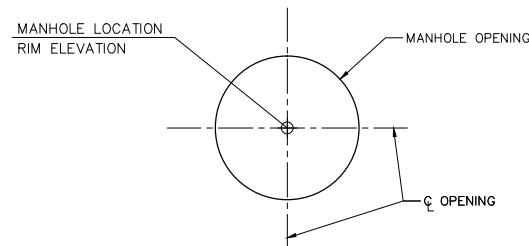
MANHOLE NO.	REFERENCE ALIGNMENT	REFERENCE STATION*	POINT A			POINT B			POINT C			POINT D			MANHOLE RIM ELEVATION
			STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION	
MH-1	STORM 1	1+00.00	0+97.77	0.00'	6479.48	1+03.10	0.00'	6481.48	1+00.44	3.00' RT	6479.48				6489.41
MH-2	STORM 4	1+01.27	0+98.14	0.00'	6484.60	1+00.00	3.19' LT	6487.60	1+03.83	3.91' LT	6489.00	1+03.67	0.00'	6489.00	6496.75
MH-8	STORM 10	4+89.32	4+84.57	0.00'	6551.40	4+89.32	2.92' LT	6552.00				4+94.24	0.00'	6552.90	6563.12
MH-11	STORM 10	9+50.67	9+48.34	0.00'	6557.16	9+50.66	2.46' LT	6557.66				9+53.34	0.00'	6578.16	6584.90
MH-12	STORM 12	1+46.04	1+45.79	3.00' LT	6556.32	1+48.54	0.00'	6554.41	1+43.54	0.00'	6553.91	1+45.54	3.00' RT	6556.32	6562.60

\* REFERENCE STATION REFERS TO CENTER POINT OF MANHOLE STRUCTURE BOX ALONG REFERENCE ALIGNMENT. POINTS A, B, C, AND D ARE SHOWN IN THE DETAILS BELOW.



TYPE I - MH #1 - STA 1+00.00 (STORM 1)  
SCALE: 1/4" = 1'

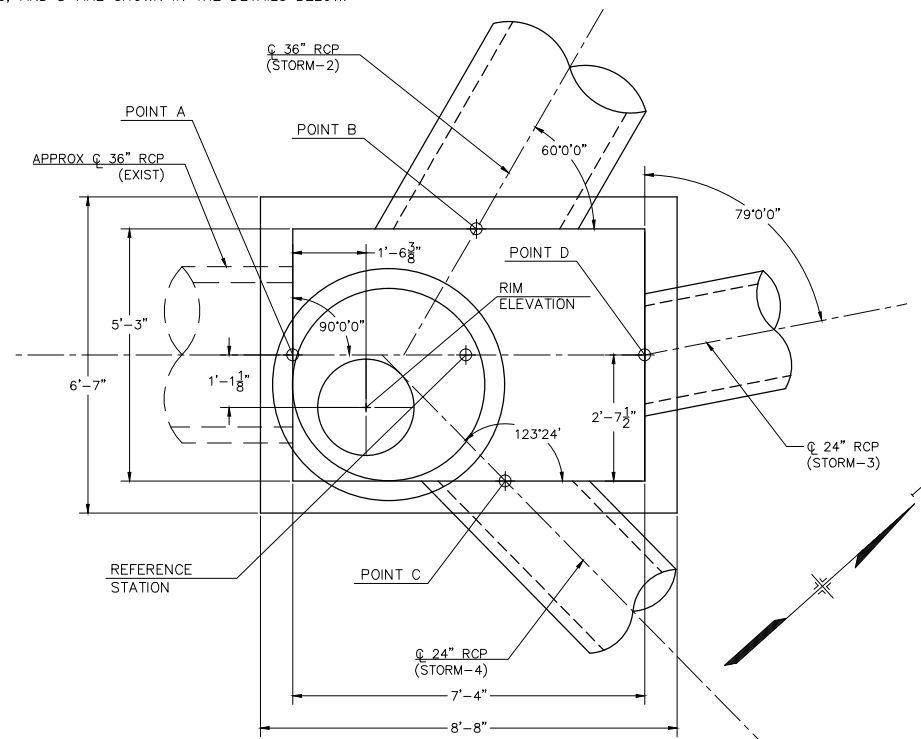
PORTIONS OF EXISTING STORM SEWER SHOWN WILL LIKELY NEED TO BE REMOVED AND REPLACED WITH CONSTRUCTION OF MANHOLE.



MANHOLE LOCATION DETAIL

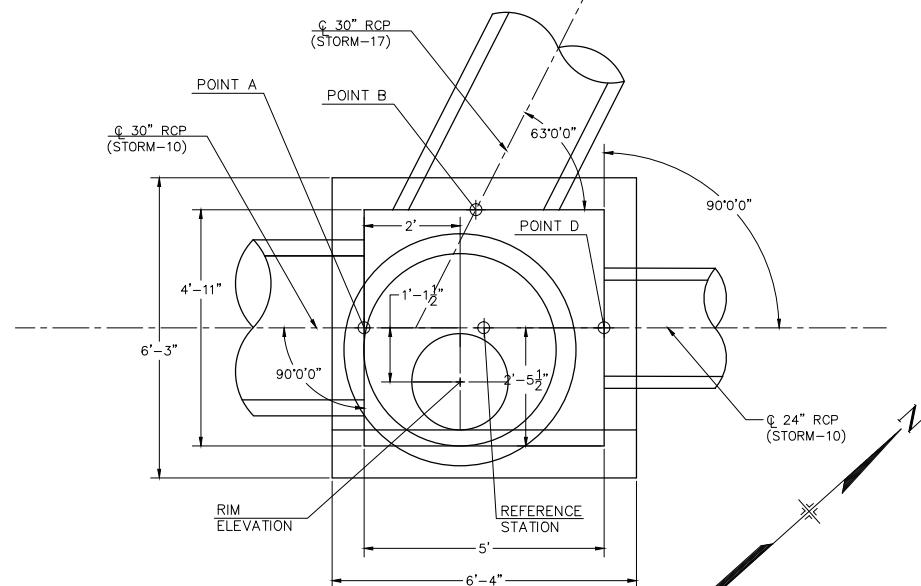
GENERAL NOTES

- EXCEPT AS SHOWN AND NOTED IN PLANS, TYPE I MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF COLORADO SPRINGS STANDARD SPECIFICATION MANUAL STANDARD DRAWINGS (D-20A).
- REFER TO PLAN AND PROFILE FOR SUGGESTED MANHOLE LOCATIONS. THE CONTRACTOR MAY ALTER THE LOCATIONS AND FINISHED GRADES FROM THOSE PROVIDED WITHIN THE PLAN SET, HOWEVER THEY MUST REMAIN IN CONFORMANCE WITH THE CITY OF COLORADO SPRINGS SPECIFICATIONS MANUAL.
- FOR TYPE I MANHOLES THE DISTANCE BETWEEN THE BOTTOM OF THE TOP SLAB OF THE BASE PORTION OF THE BOX AND THE OUTSIDE WALL OF THE PIPE MAY BE REDUCED FROM 12" TO 6" (REFERENCE D-20A)
- SHOP DRAWINGS OF ALL TYPE I MANHOLES SHALL BE PROVIDED TO THE DESIGN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

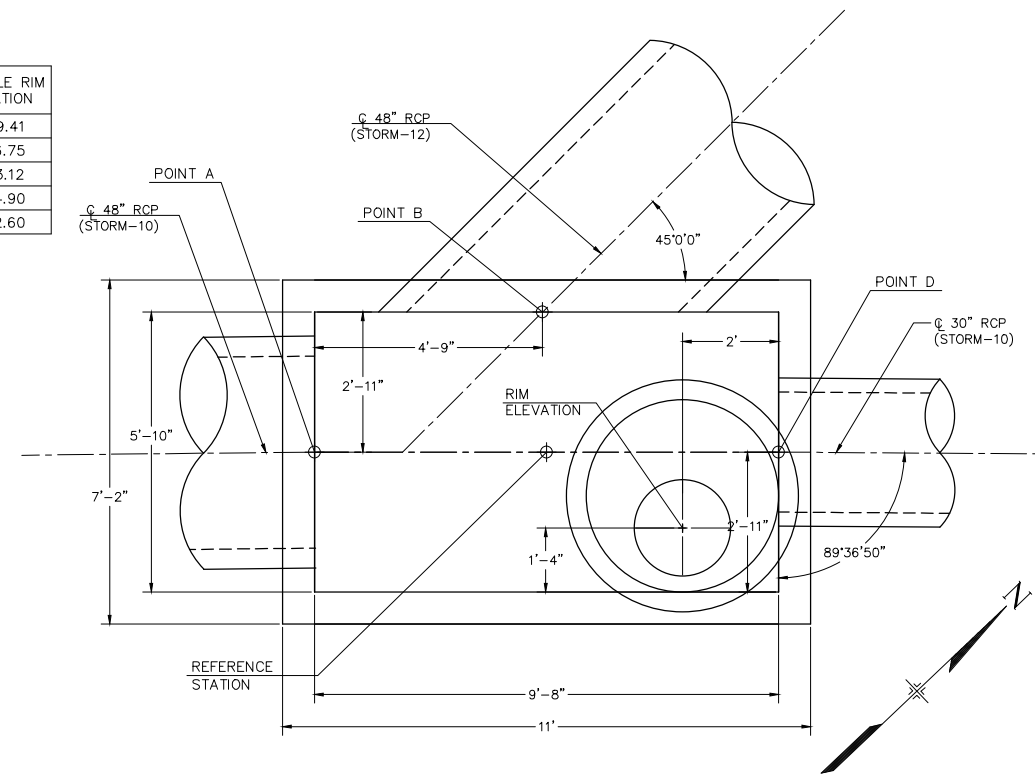


TYPE I - MH #2 - STA 1+01.27 (STORM 4)  
SCALE: 1/4" = 1'

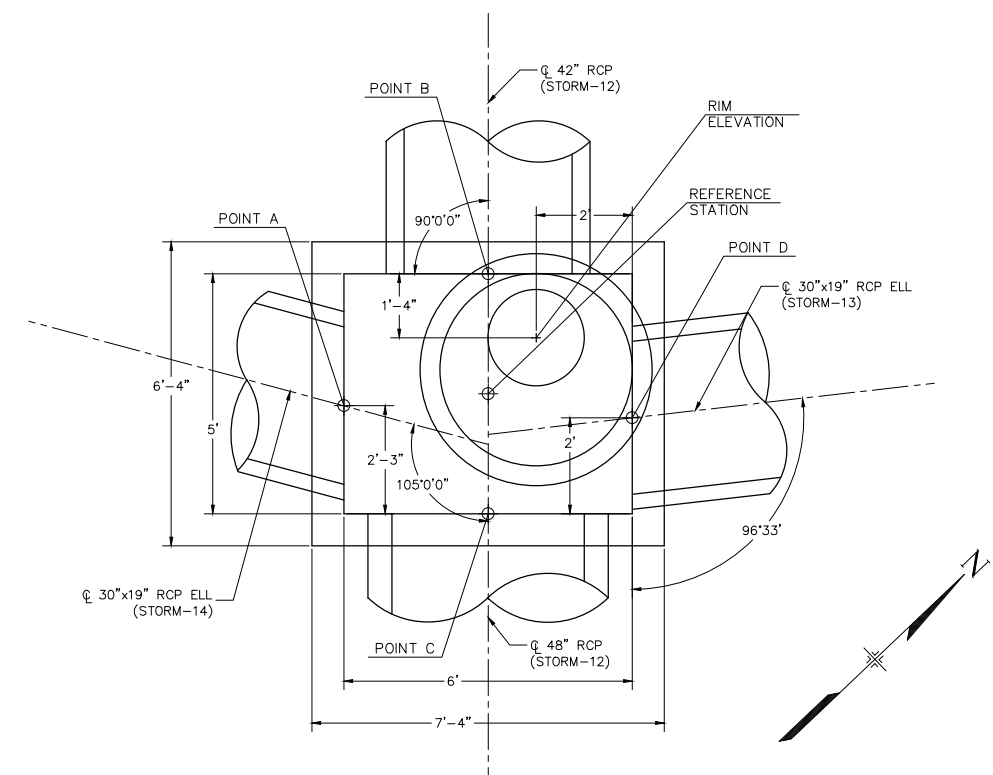
PORTIONS OF EXISTING STORM SEWER SHOWN WILL LIKELY NEED TO BE REMOVED AND REPLACED WITH CONSTRUCTION OF MANHOLE.



TYPE I - MH #11 - STA: 9+50.67 (STORM 10)  
SCALE: 1/4" = 1'



TYPE I - MH #8 - STA 4+89.32 (STORM 10)  
SCALE: 1/4" = 1'



TYPE I - MH #12 - STA: 1+46.04 (STORM 12)  
SCALE: 1/4" = 1'



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION		REVISIONS	
Creation Date:	5/13/12	Initials:	DLM
Last Modification Date:		Initials:	
Full Path:	M:\TRN\09-100-305-00\CADD\DESIGN\Hydraulics\Drawings\		
Drawing File Name:	Segment 3 Storm Drain Detail Sheet 2.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

STATEMENT:	
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DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: JCH



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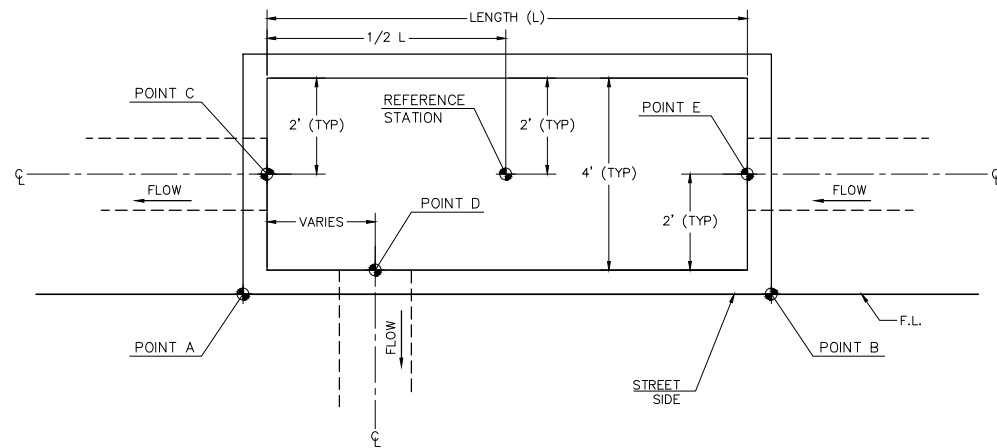
RFP Set



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SYSTEM DETAILS			
Subset:	SD	Subset Sheets:	SD13 of SD27
			Sheet No: 762

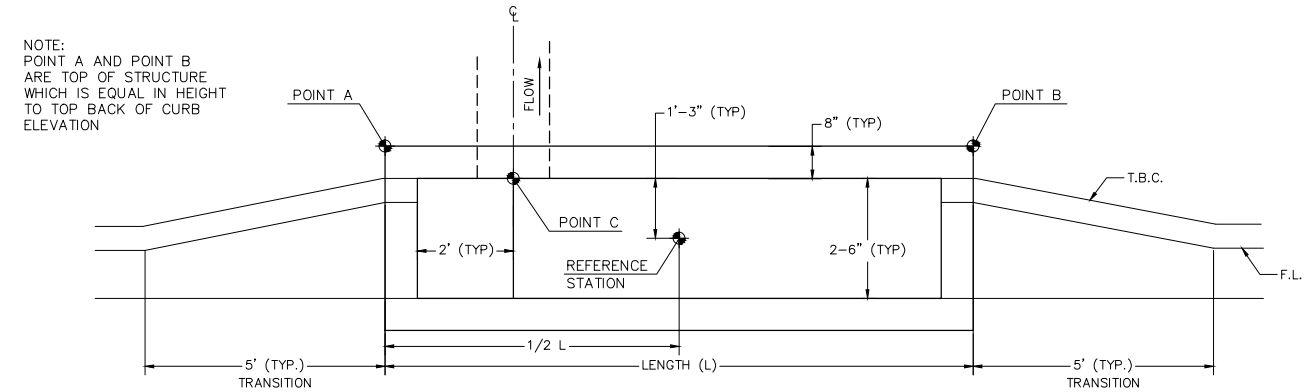


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D-10R INLETS (AT-GRADE) - NORTH SIDE OF AUSTIN BLUFFS PARKWAY

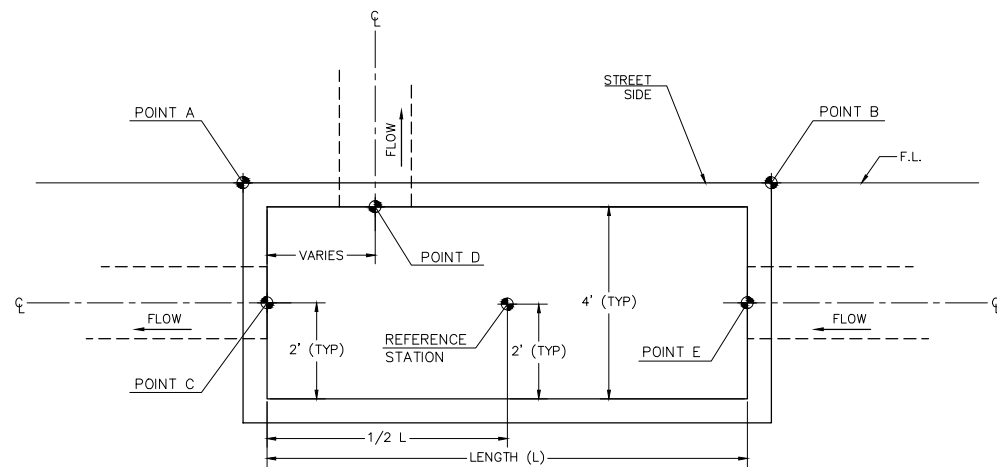
INLET NO.	INLET LENGTH	REFERENCE ALIGNMENT	REFERENCE STATION	POINT A			POINT B			POINT C		POINT D		POINT E	
				STATION	OFFSET	TOB ELEV	STATION	OFFSET	TOB ELEV	STATION	OFFSET	STATION	OFFSET	STATION	OFFSET
4	18'	STORM 3	1+49.82	1+40.47	2.53' RT	6498.45	1+59.28	2.51' RT	6498.78	1+40.82	0.00'			1+58.82	0.00'
5	18'	STORM 3	1+83.83	1+74.33	2.50' RT	6499.07	1+93.33	2.50' RT	6499.44	1+74.83	0.00'				
10	8'	STORM 8	1+27.49	1+22.99	2.50' RT	6555.14	1+31.99	2.50' RT	6555.28	1+23.49	0.00'			1+31.49	0.00'
11	8'	STORM 8	1+47.50	1+43.00	2.50' RT	6555.44	1+52.00	2.50' RT	6555.60	1+43.50	0.00'				
15	20'	STORM 15	1+34.72	1+24.22	2.50' RT	6565.80	1+45.22	2.50' RT	6566.70	1+24.72	0.00'				



CCD TYPE 16 COMBINATION INLET (AT-GRADE) - MEDIAN OF AUSTIN BLUFFS PARKWAY

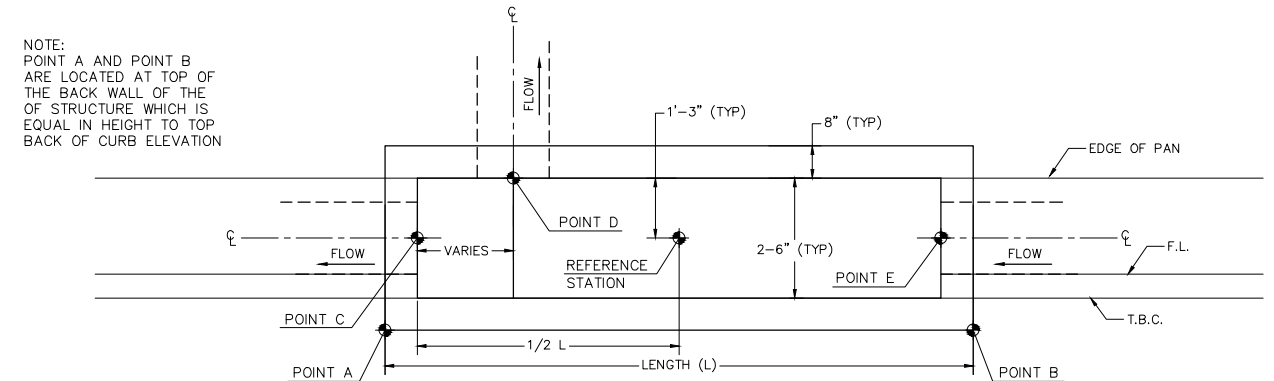
INLET NO.	INLET LENGTH	REFERENCE ALIGNMENT	REFERENCE STATION	POINT A			POINT B			POINT C	
				STATION	OFFSET	TOB ELEV	STATION	OFFSET	TOB ELEV	STATION	OFFSET
13	12'-3"	STORM 10	12+45.29	12+40.95	2.67' RT	6591.54	12+51.41	1.92' LT	6591.71	12+41.61	0.00'

CONSTRUCT CCD TRIPLE NO. 16 INLETS IN ACCORDANCE WITH DETAILS PROVIDED ON SHEETS SD22 AND SD23 EXCEPT AS SHOWN OR NOTED BELOW. REFER TO PLAN AND PROFILE SHEETS FOR SPECIFIC PIPE SIZES AND INVERT ELEVATIONS BOTH ENTERING AND EXITING INLETS AS THEY VARY FROM THE DETAIL.



D-10R INLETS (AT-GRADE) - SOUTH SIDE OF AUSTIN BLUFFS PARKWAY

INLET NO.	INLET LENGTH	REFERENCE ALIGNMENT	REFERENCE STATION	POINT A			POINT B			POINT C		POINT D		POINT E	
				STATION	OFFSET	TOB ELEV	STATION	OFFSET	TOB ELEV	STATION	OFFSET	STATION	OFFSET	STATION	OFFSET
1	24'	STORM 1	3+18.63	3+08.22	2.76' RT	6493.51	3+31.13	2.50' LT	6494.13			3+08.63	0.00'	3+30.63	0.00'
2	24'	STORM 1	3+58.63	3+46.13	2.50' LT	6494.51	3+71.13	2.50' LT	6495.16	3+46.63	0.00'				



CCD TYPE 16 COMBINATION INLETS (AT-GRADE) - SOUTH SIDE OF AUSTIN BLUFFS PARKWAY

INLET NO.	INLET LENGTH	REFERENCE ALIGNMENT	REFERENCE STATION	POINT A			POINT B			POINT C		POINT D		POINT E	
				STATION	OFFSET	TOB ELEV	STATION	OFFSET	TOB ELEV	STATION	OFFSET	STATION	OFFSET	STATION	OFFSET
7	12'-3"	STORM 7A	1+17.94	SEE BELOW *	6556.03	1+24.07	1.92' RT	6556.33			1+14.73	0.00'			
8	12'-3"	STORM 6	2+44.16	2+41.10	5.03' RT	6556.68	2+50.29	1.92' RT	6556.97			2+41.64	0.00'		
9	12'-3"	STORM 7	1+41.52	1+35.39	1.92' RT	6554.54	1+47.65	1.92' RT	6554.82	1+36.06	0.00'				
9A	12'-3"	STORM 7	1+18.60	SEE BELOW *	6553.82	1+24.73	1.88' RT	6554.22			1+14.97	0.00'	1+24.06	0.00'	

POINT A IS NOT PERP. TO REFERENCE STORM ALIGNMENT, ALTERNATIVE STATION/OFFSET PROVIDED BASED UPON AUSTIN BLUFFS CENTERLINE BELOW

INLET 7 = POINT A STA. 123+36.64, OFF 46.56' RT POINT B STA. 123+48.89, OFF 46.58' RT  
INLET 9A = POINT A STA. 122+50.61, OFF 46.61' RT POINT B STA. 122+62.86, OFF 46.64' RT

ELEVATIONS FOR TOB FOR INLETS 7-9A TO BE FIELD VERIFIED BY CONTRACTOR, TOP OF BOX SHOULD MATCH EXISTING TOP BACK OF CURB AT POINTS A AND B, AND STRAIGHT GRADED IN BETWEEN.



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION		
Creation Date:	5/13/12	Initials: DLM
Last Modification Date:		Initials:
Full Path:	M:\TRN\09-100-305-00\CADD\DESIGN\Hydraulics\Drawings\	
Drawing File Name:	Segment 3 Storm Drain Detail Sheet 3.dwg	
Acad Ver.	2011	Scale: AS SHOWN

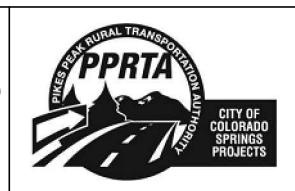
REVISIONS		
No.	Description	Date

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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: JCH

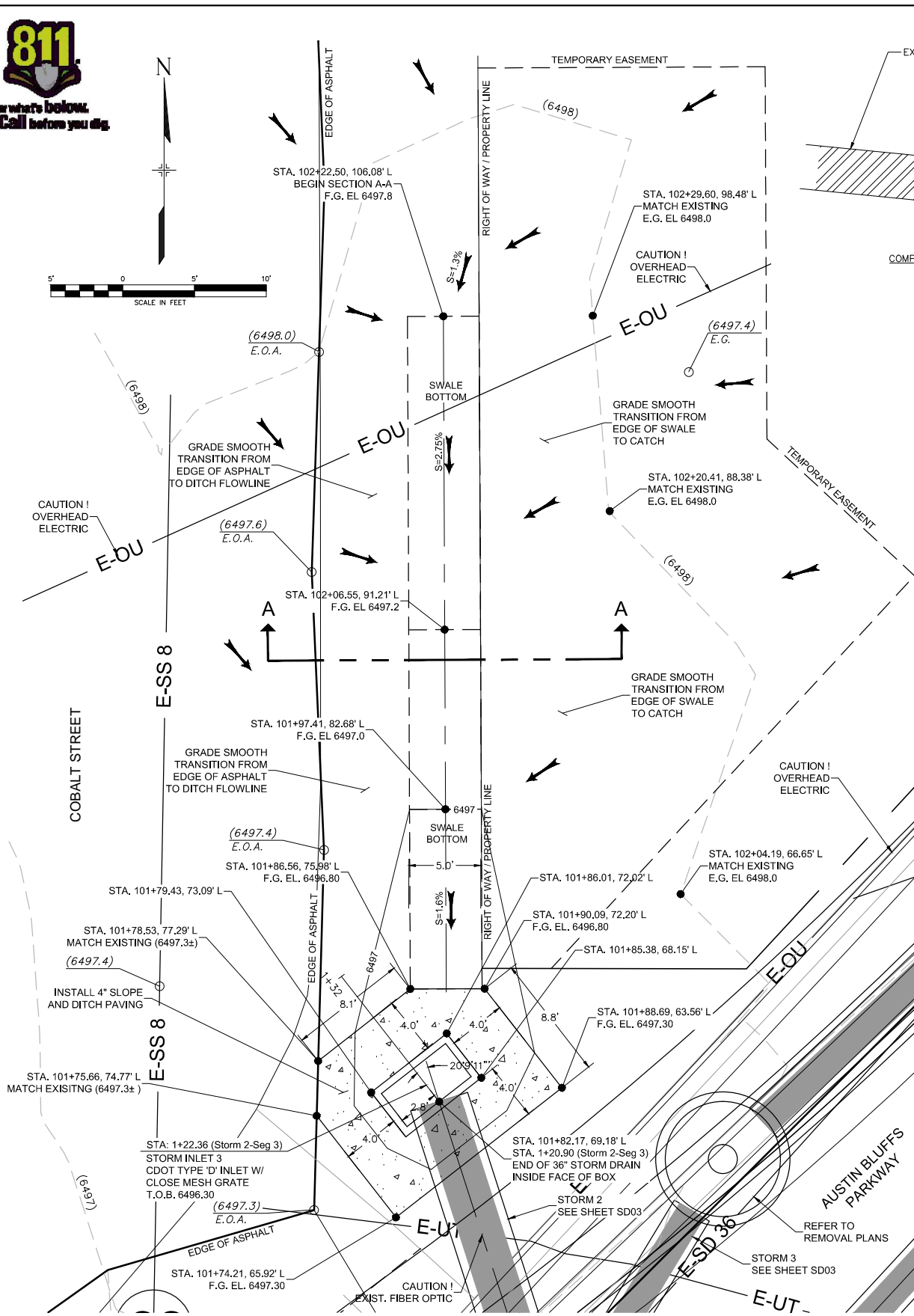
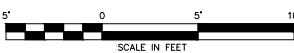
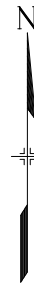
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SYSTEM DETAILS			
Subset:	SD	Subset Sheets:	SD14 of SD27
			Sheet No: 763



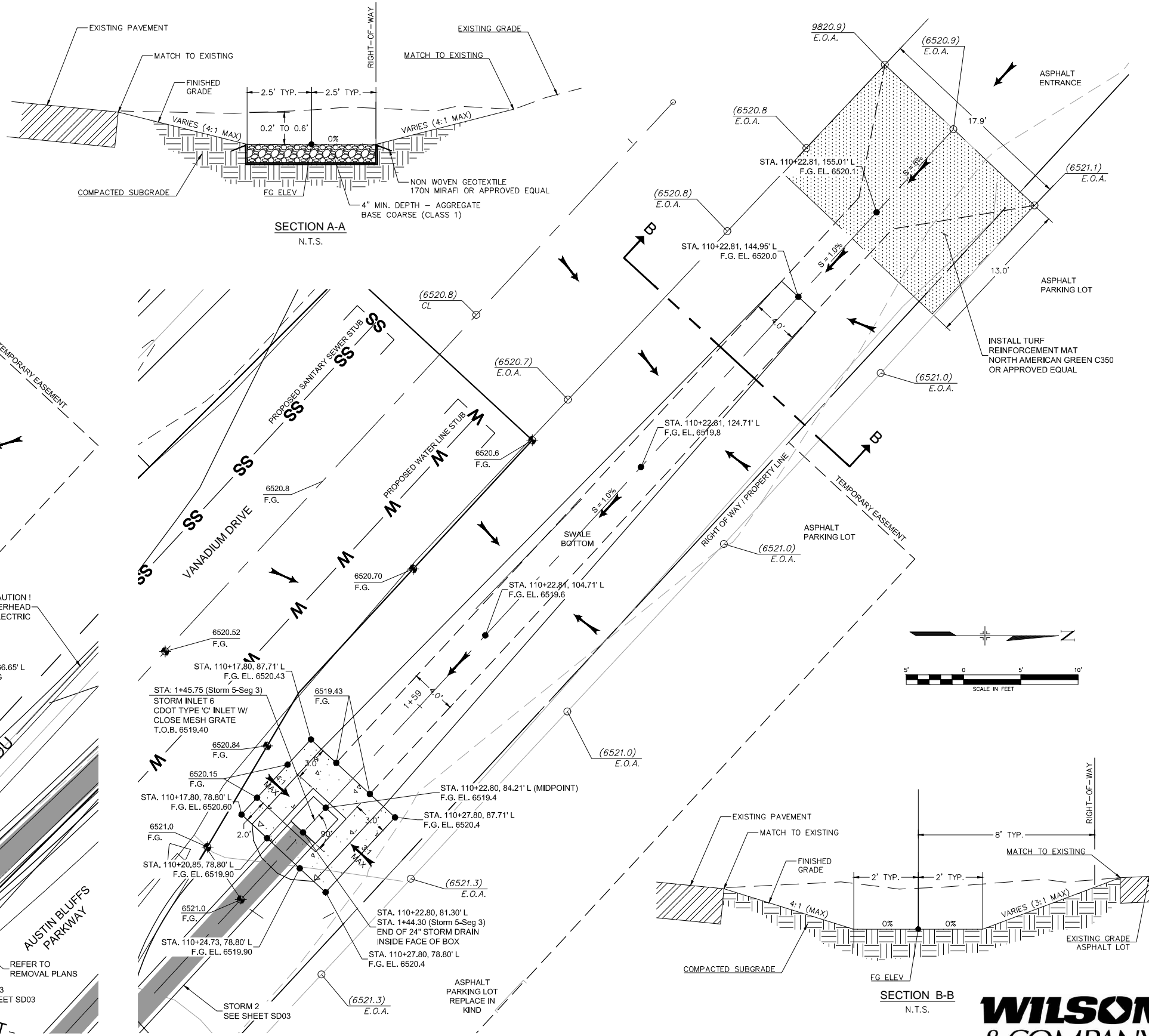
Know what's below. Call before you dig.



DITCH GRADING/TYP D INLET - STORM 2 - INLET 3

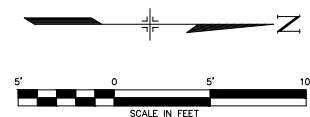
SCALE: 1" = 10'

NOTE: CLOSE MESH GRATE NOT SHOWN FOR CLARITY.



DITCH GRADING/TYP C INLET - STORM 5 - INLET 6

SCALE: 1" = 10'



COMPUTER FILE INFORMATION	
Creation Date:	5/13/12
Last Modification Date:	
Full Path:	M:\TRN\09-100-305-00\CADD\DESIGN\Hydraulics\Drawings\
Drawing File Name:	Segment 3 Storm Drain Detail Sheet 4.dwg
Acad Ver.	2011

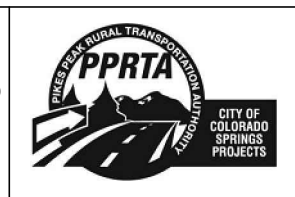
REVISIONS	
No.	Description

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 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: DLM  
 DRAWN BY: DLM  
 CHECKED BY: JCH

**RFP Set**



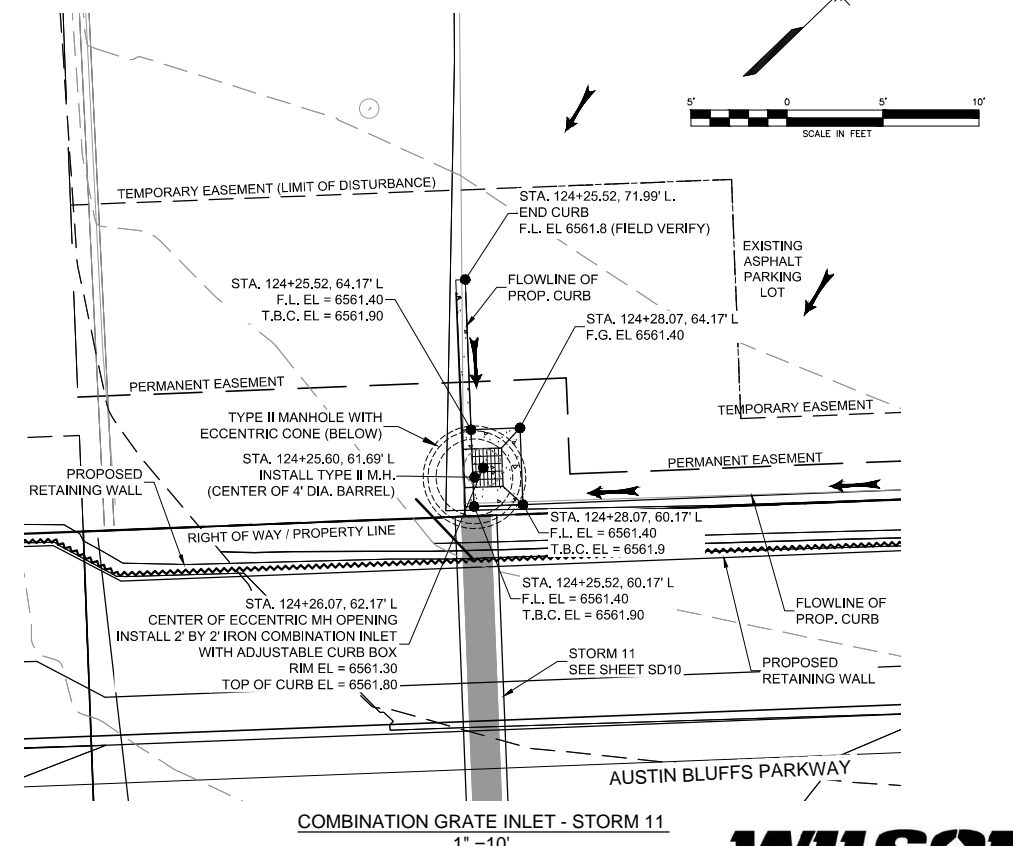
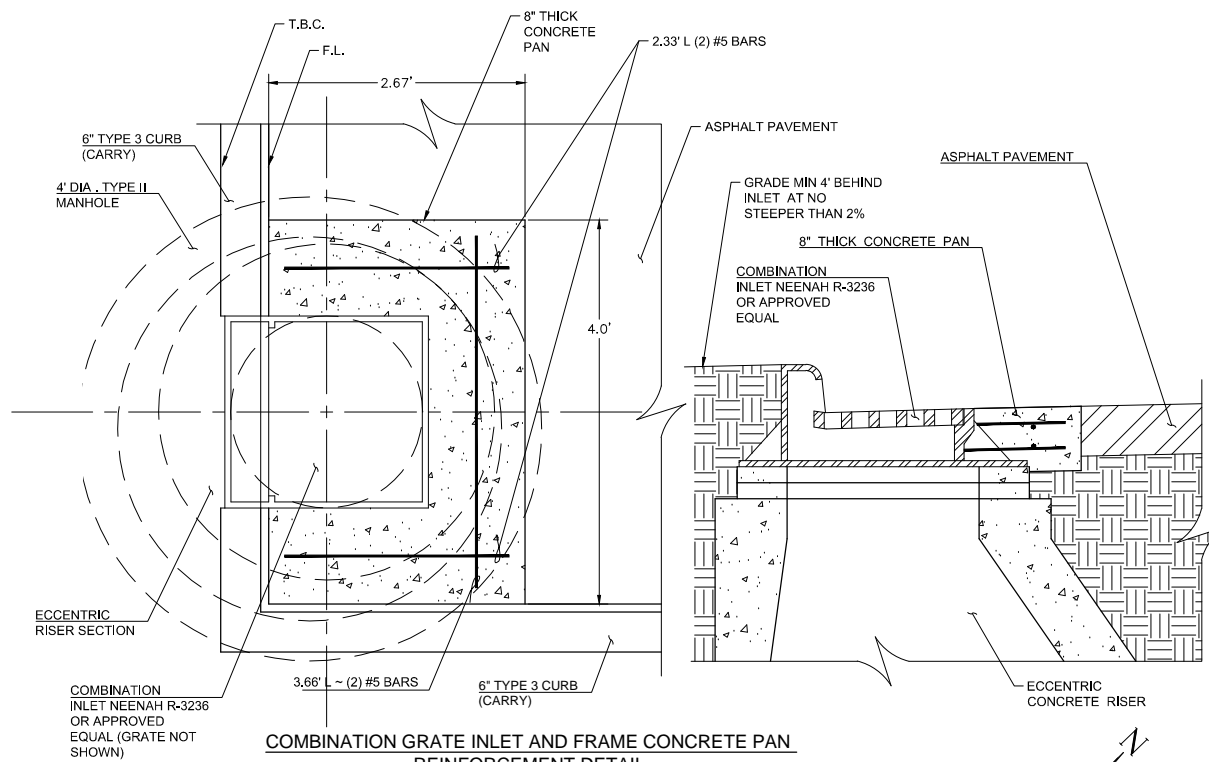
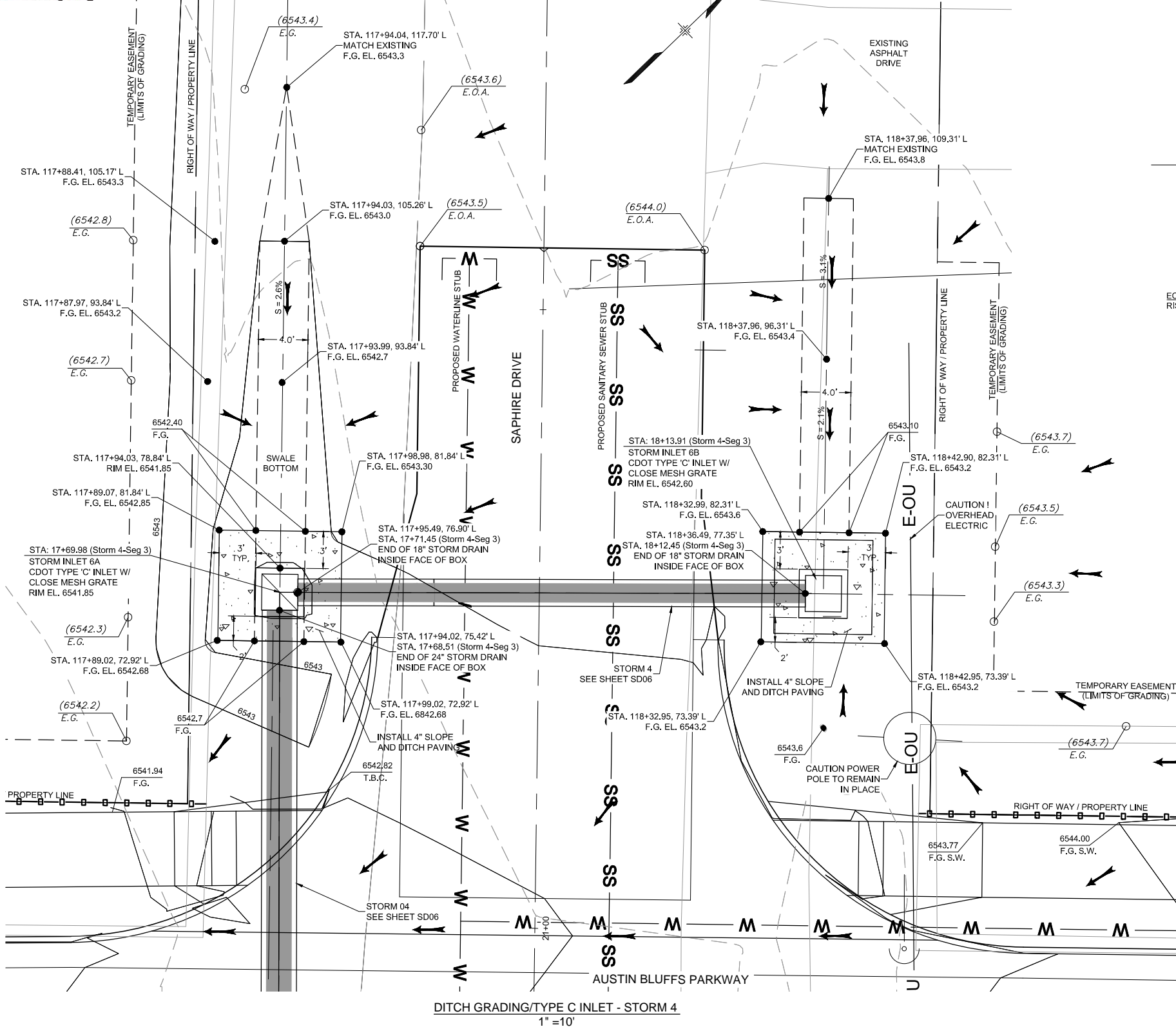
AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SYSTEM DETAILS			
Subset:	SD	Subset Sheets:	SD15 of SD27
Sheet No:			764

PLOT DATE: 1/15/2013





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PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION			
Creation Date:	5/13/12	Initials:	DLM
Last Modification Date:		Initials:	
Full Path:	M:\TRN\09-100-305-00\CADD\DESIGN\Hydraulics\Drawings\		
Drawing File Name:	Segment 3 Storm Drain Detail Sheet 4.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

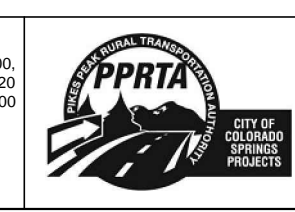
REVISIONS		
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DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: JCH

**RFP Set**

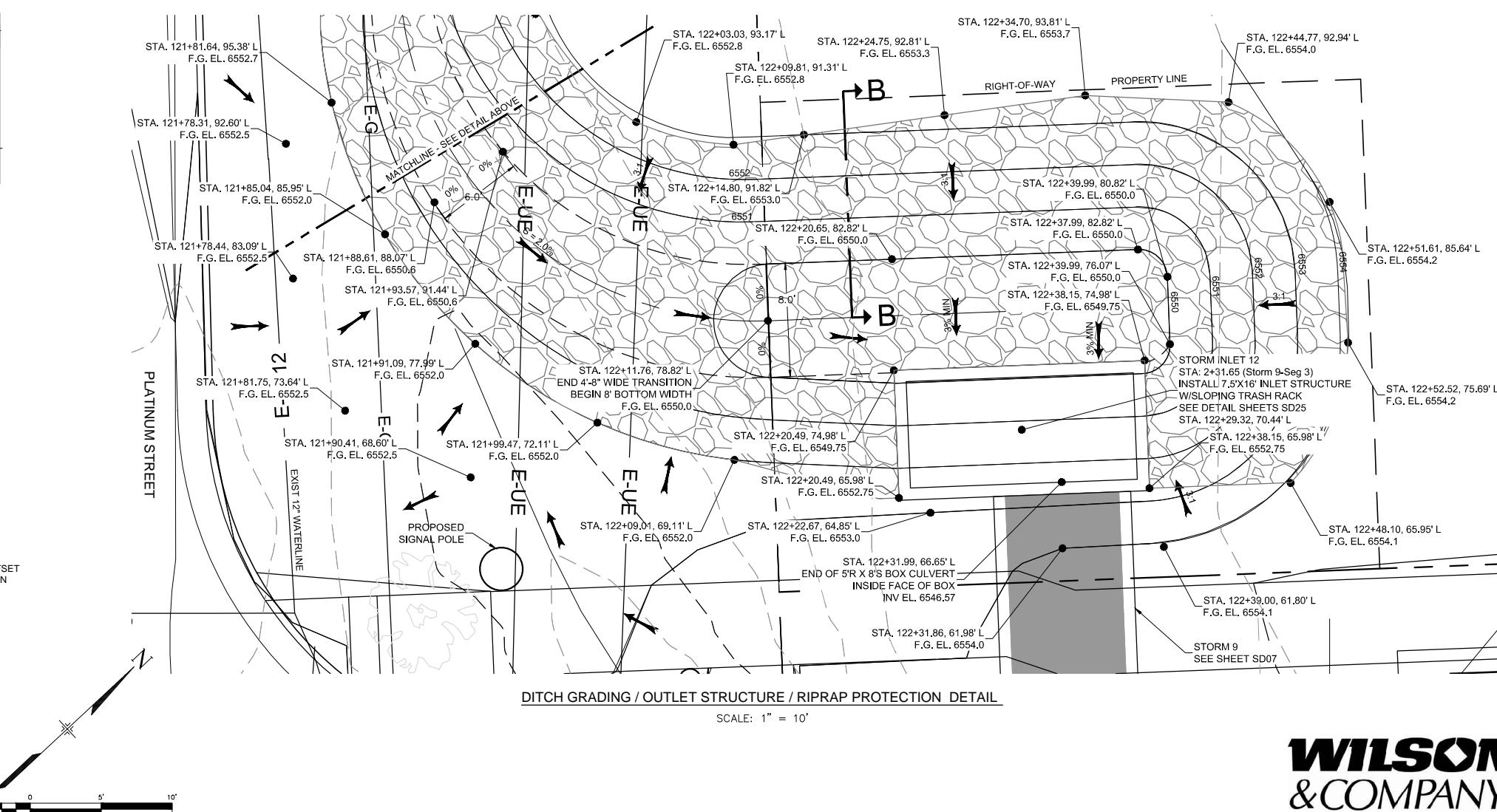
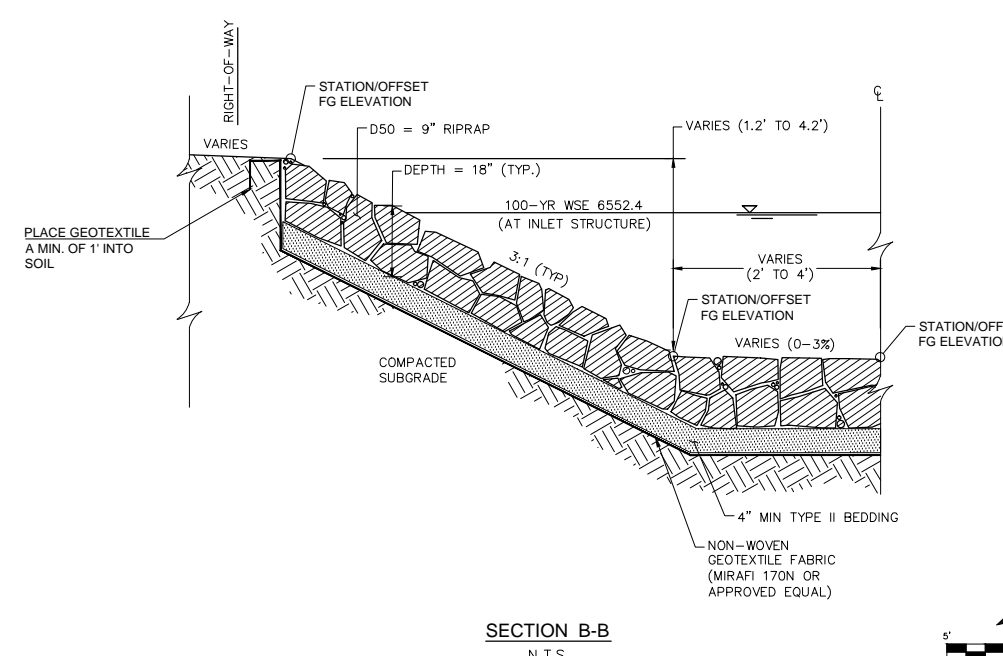
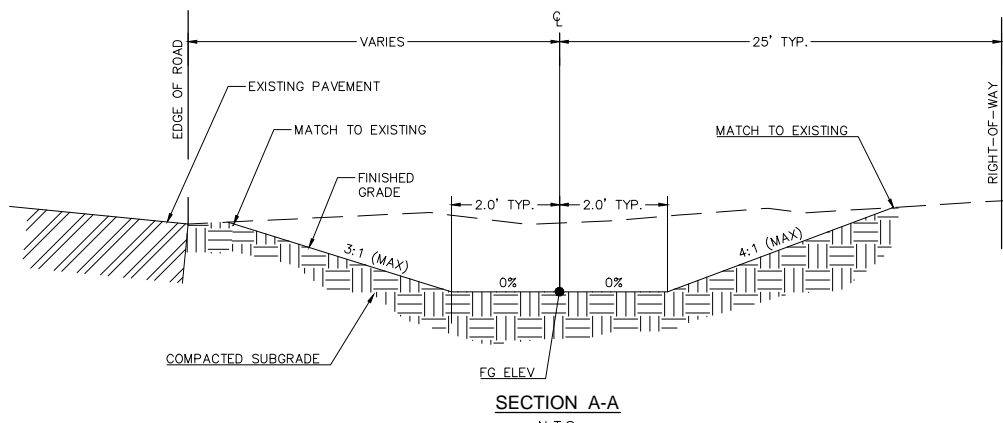
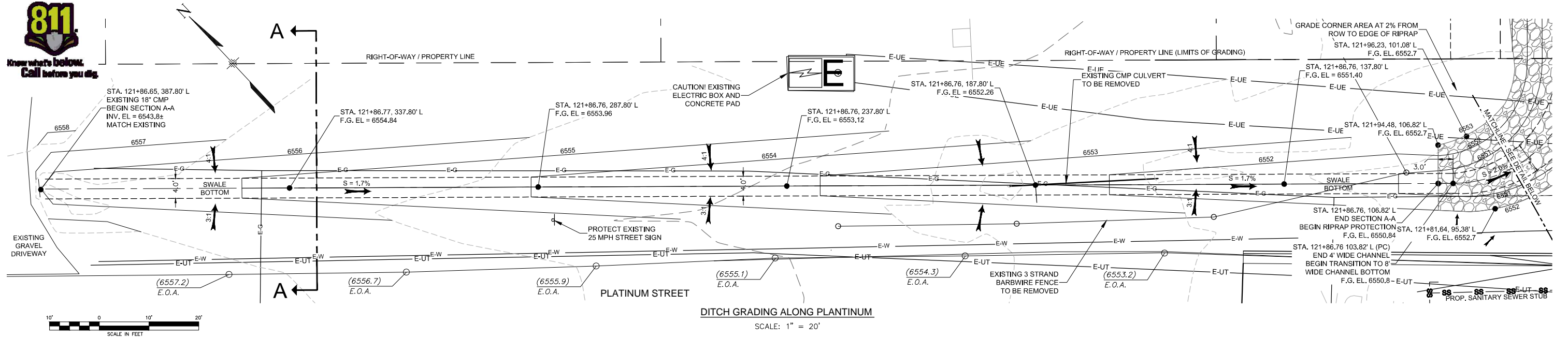


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SYSTEM DETAILS			
Subset:	SD	Subset Sheets:	SD16 of SD27
			Sheet No: 765





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PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/13/12
Last Modification Date:	
Drawing File Name:	Segment 3 Storm Drain Detail Sheet 5.dwg
Acad Ver.:	2011

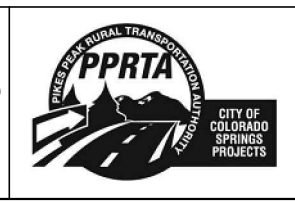
REVISIONS		
No.	Description	Date

**STATEMENT:**  
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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: JCH

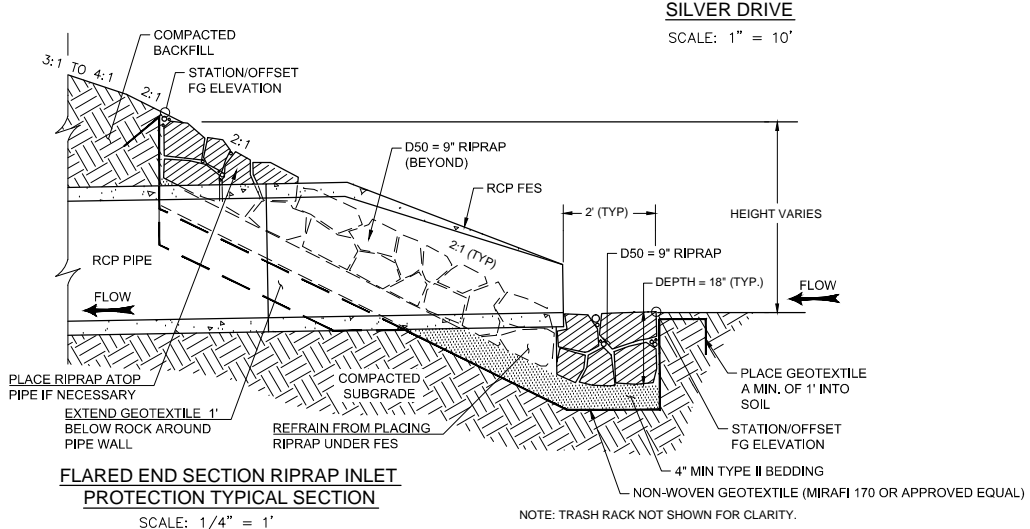
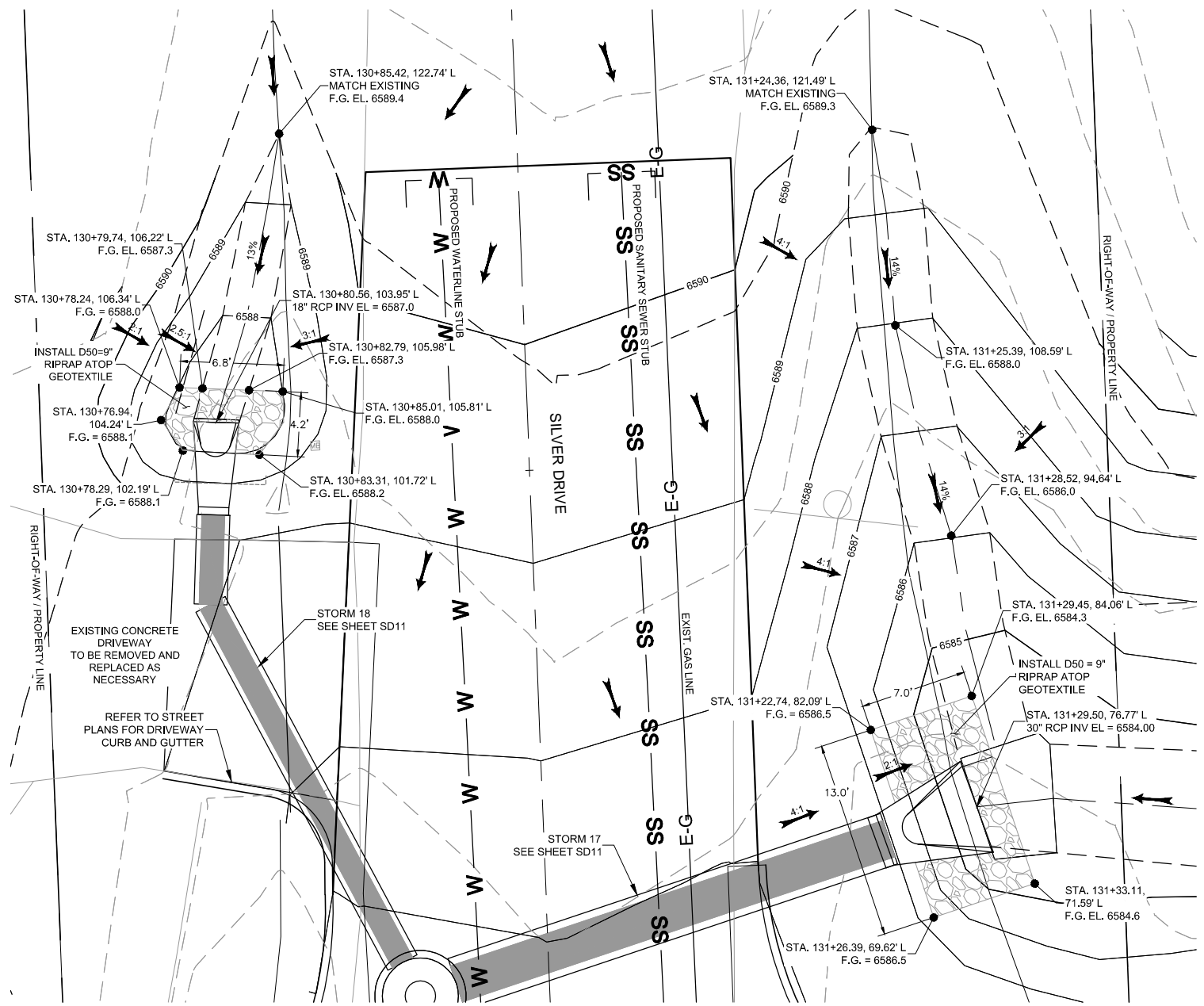
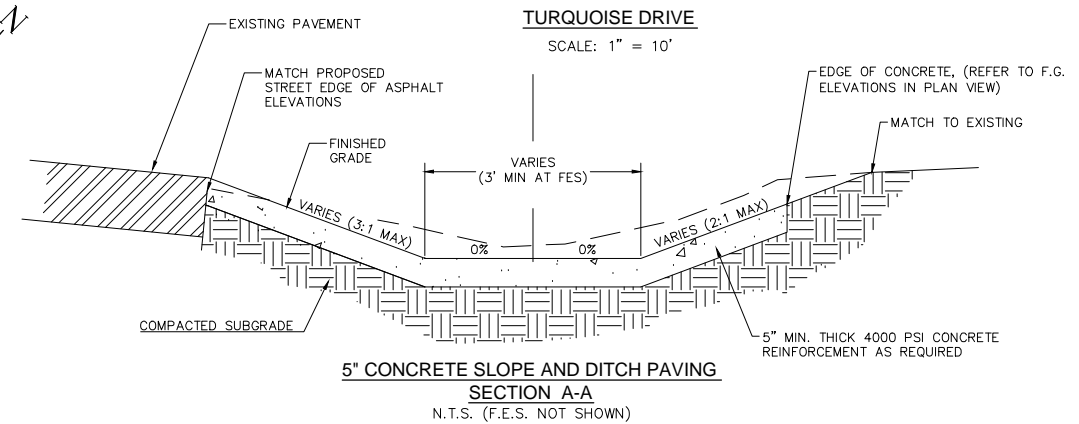
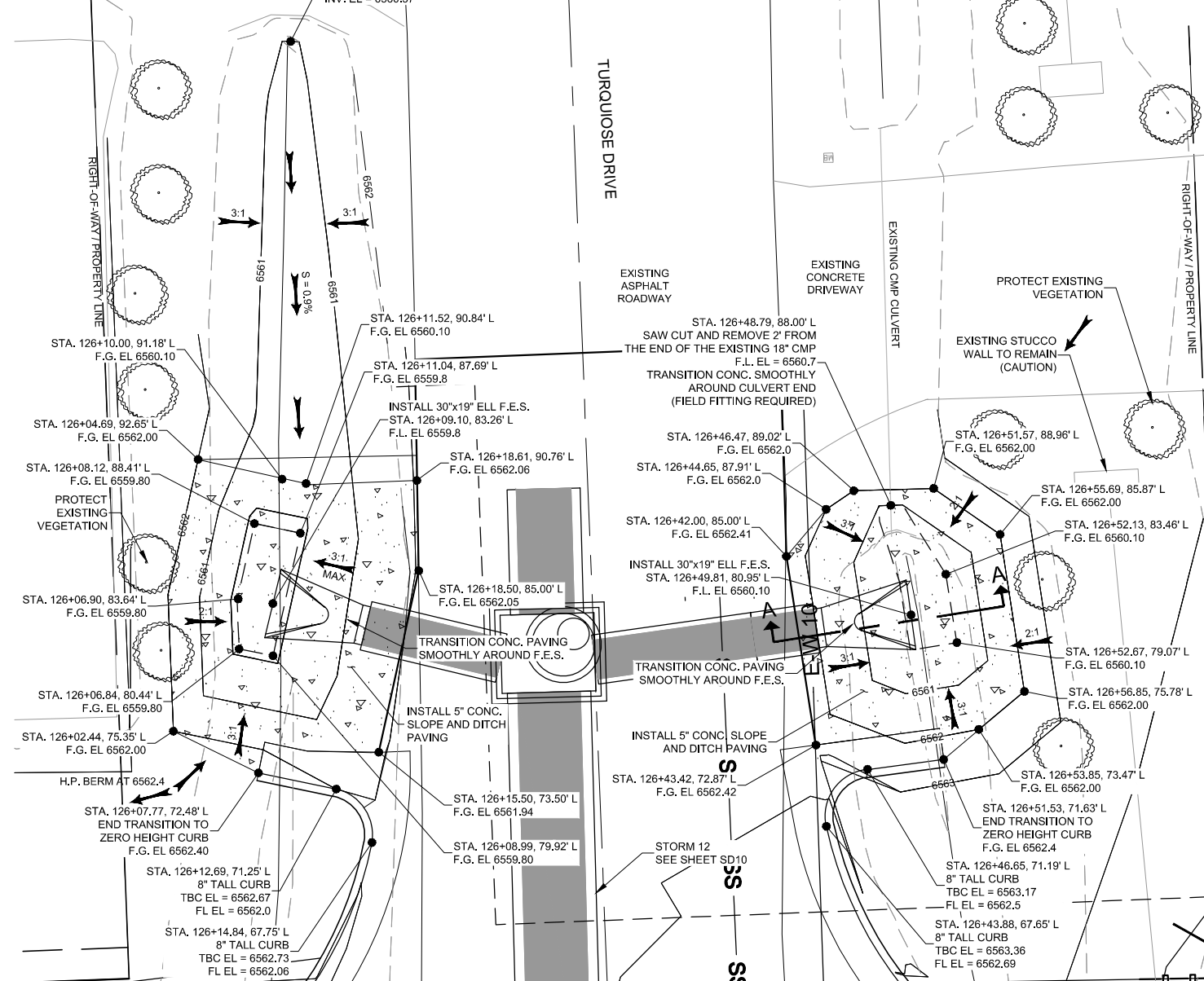
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Rd.		
STORM SYSTEM DETAILS		
Subset:	SD	Subset Sheets: SD17 of SD27
Sheet No:	766	



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Drawing File Name:	Segment 3 Storm Drain Detail Sheet 6.dwg
Acad Ver.	2011

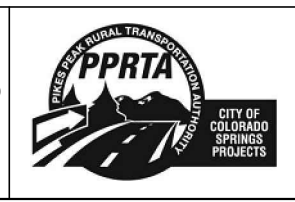
REVISIONS	
No.	Description

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 2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: DLM  
 DRAWN BY: DLM  
 CHECKED BY: JCH

**RFP Set**



**WILSON & COMPANY**

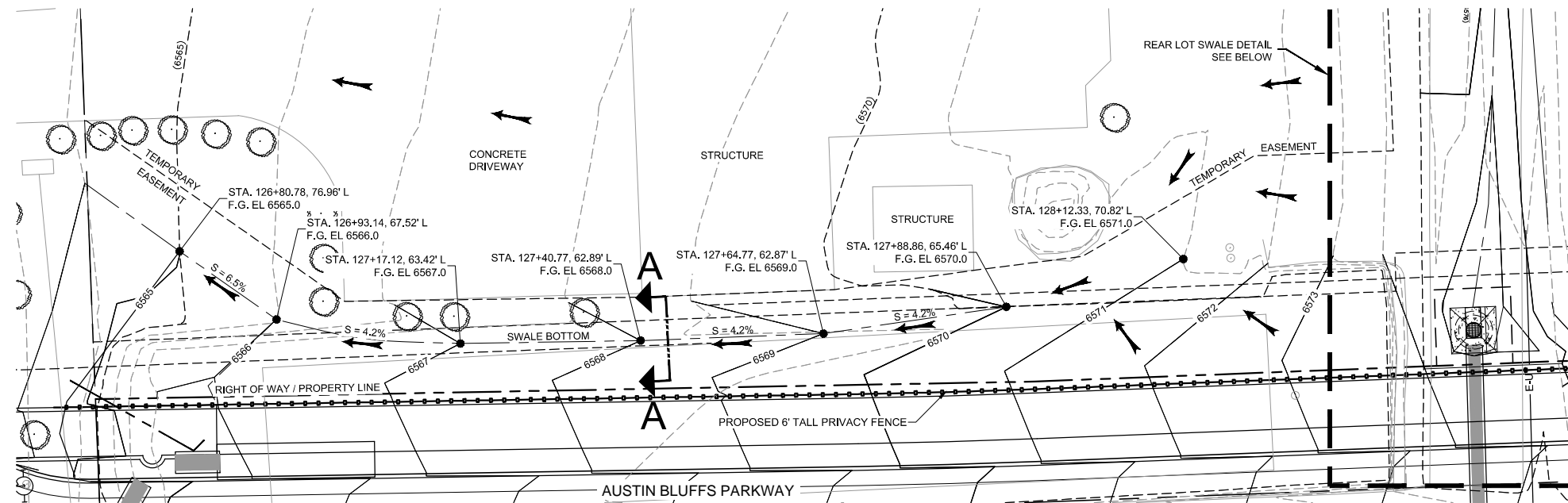
AUSTIN BLUFFS PARKWAY  
 Segment 3 - Barnes Rd. to Old Farm Rd.

STORM SYSTEM DETAILS

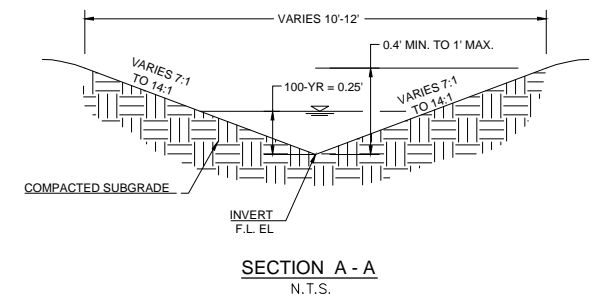
Subset: SD    Subset Sheets: SD18 of SD27    Sheet No: 767



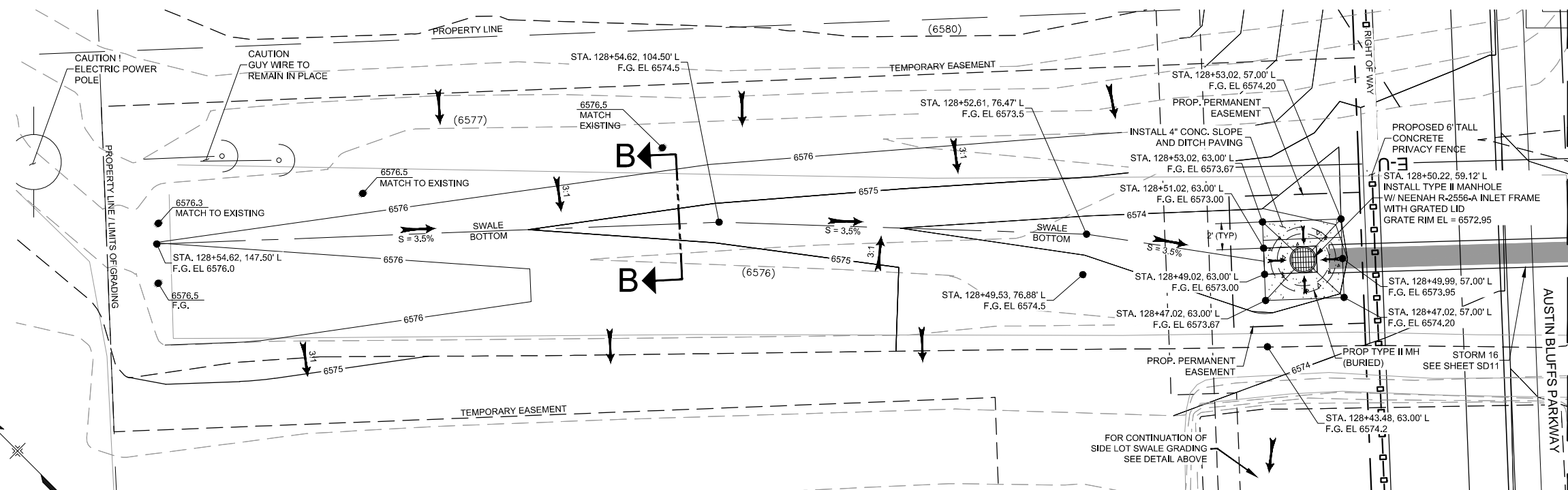
Know what's below.  
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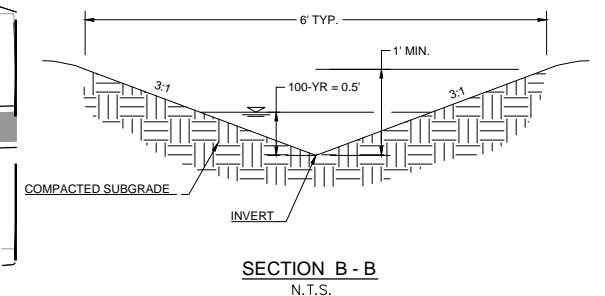
LEE PROPERTY - SWALE ALONG SOUTH SIDE OF PROPERTY  
SCALE: 1" = 20'



SECTION A - A  
N.T.S.



LEE PROPERTY - REAR LOT SWALE TO  
AUSTIN BLUFFS PARKWAY STORM MAIN  
SCALE: 1" = 10'



SECTION B - B  
N.T.S.



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/13/12
Last Modification Date:	
Drawing File Name:	Segment 3 Storm Drain Detail Sheet 6.dwg
Acad Ver.:	2011

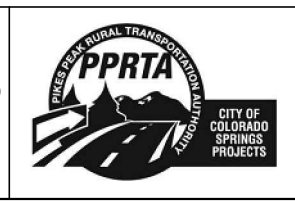
REVISIONS		
No.	Description	Date

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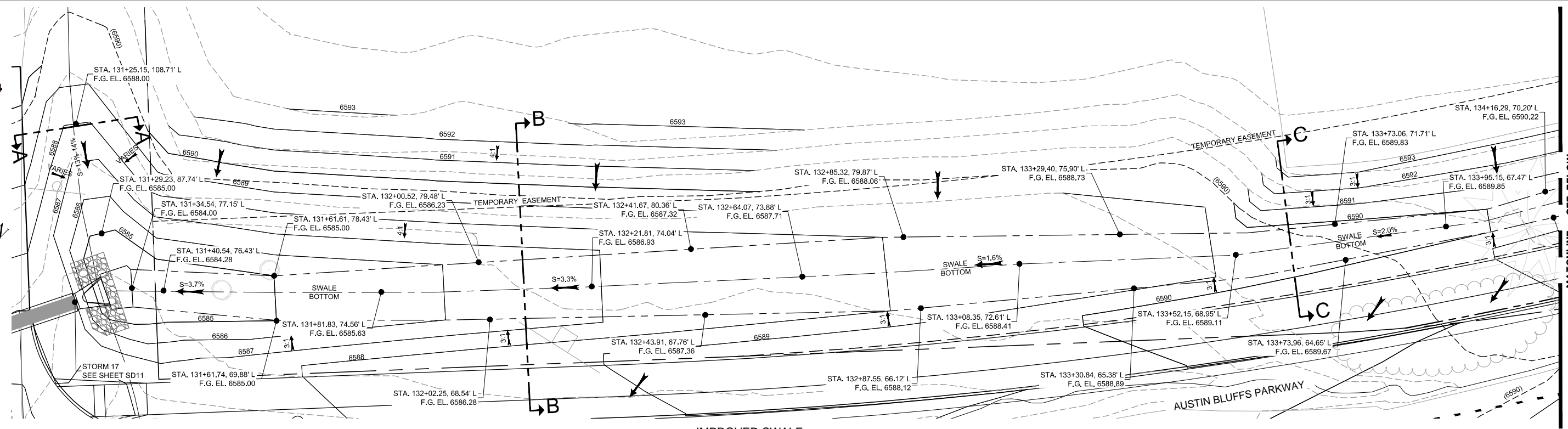
**RFP Set**



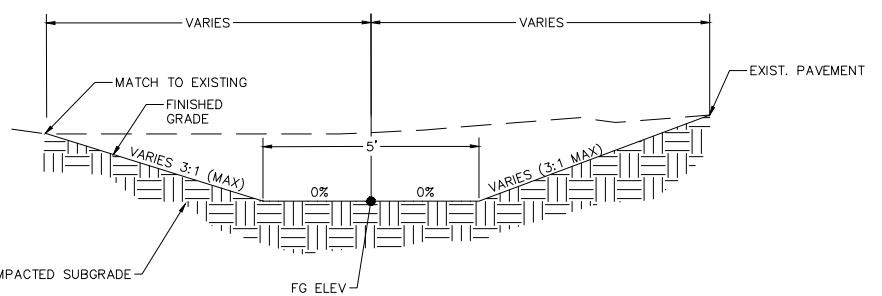
AUSTIN BLUFFS PARKWAY Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SYSTEM DETAILS			
Subset:	SD	Subset Sheets:	SD19 of SD27
			Sheet No: 768



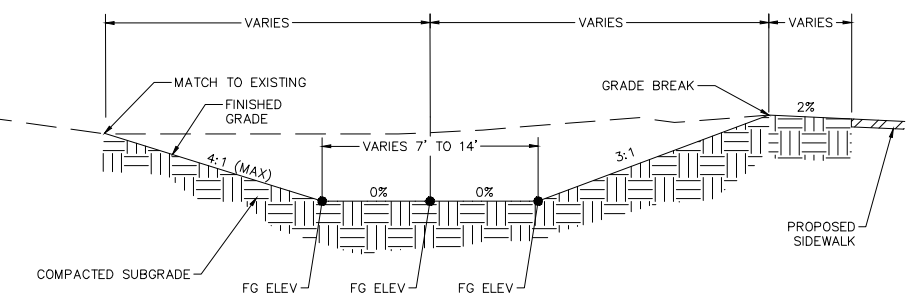
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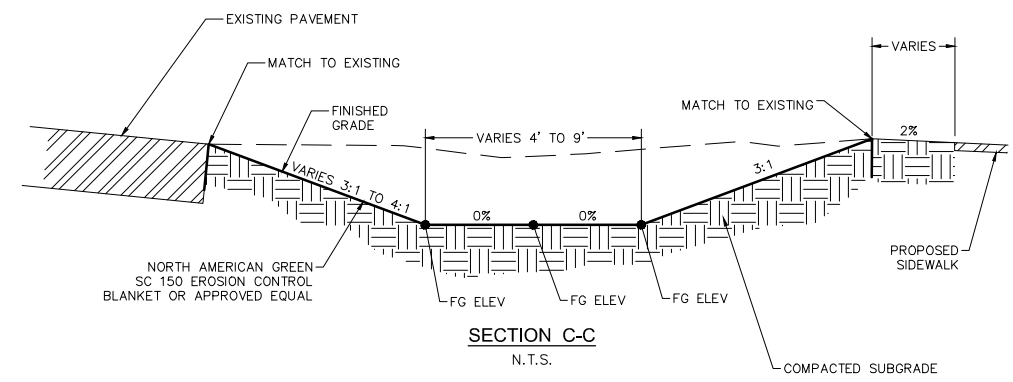
IMPROVED SWALE  
SCALE: 1" = 20'



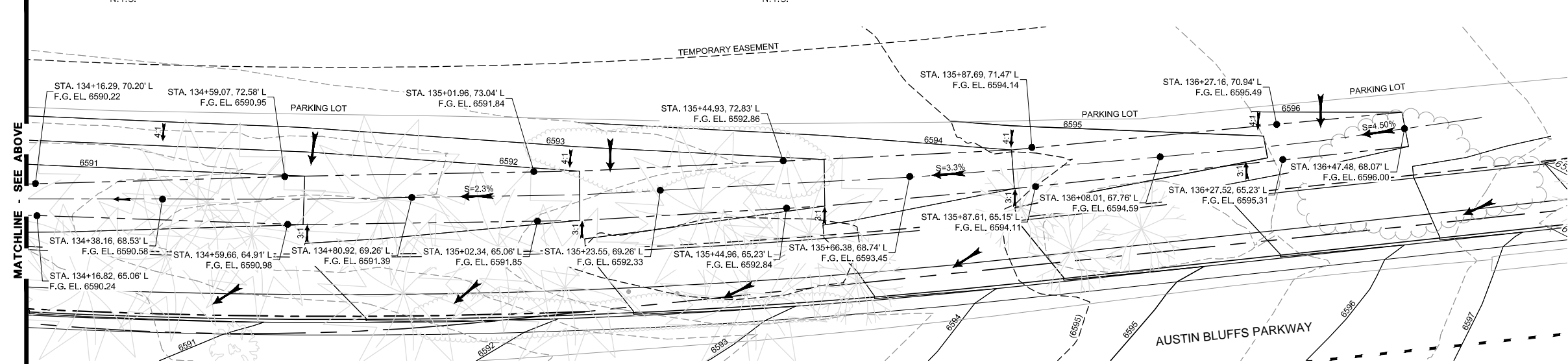
SECTION A-A  
N.T.S.



SECTION B-B  
N.T.S.



SECTION C-C  
N.T.S.



IMPROVED SWALE  
SCALE: 1" = 20'

NOTE: SEE REMOVAL PLANS FOR SPECIFIC TREE REMOVAL LOCATIONS.



PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION		REVISIONS	
Creation Date:	5/13/12	No.	
Initials:	DLM	Description	
Last Modification Date:		Date	
Initials:			
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Drawing File Name:	Segment 3 Storm Drain Detail Sheet 7.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

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 2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: DLM  
 DRAWN BY: DLM  
 CHECKED BY: JCH

**RFP Set**

**AUSTIN BLUFFS PARKWAY**  
 Segment 3 - Barnes Rd. to Old Farm Rd.

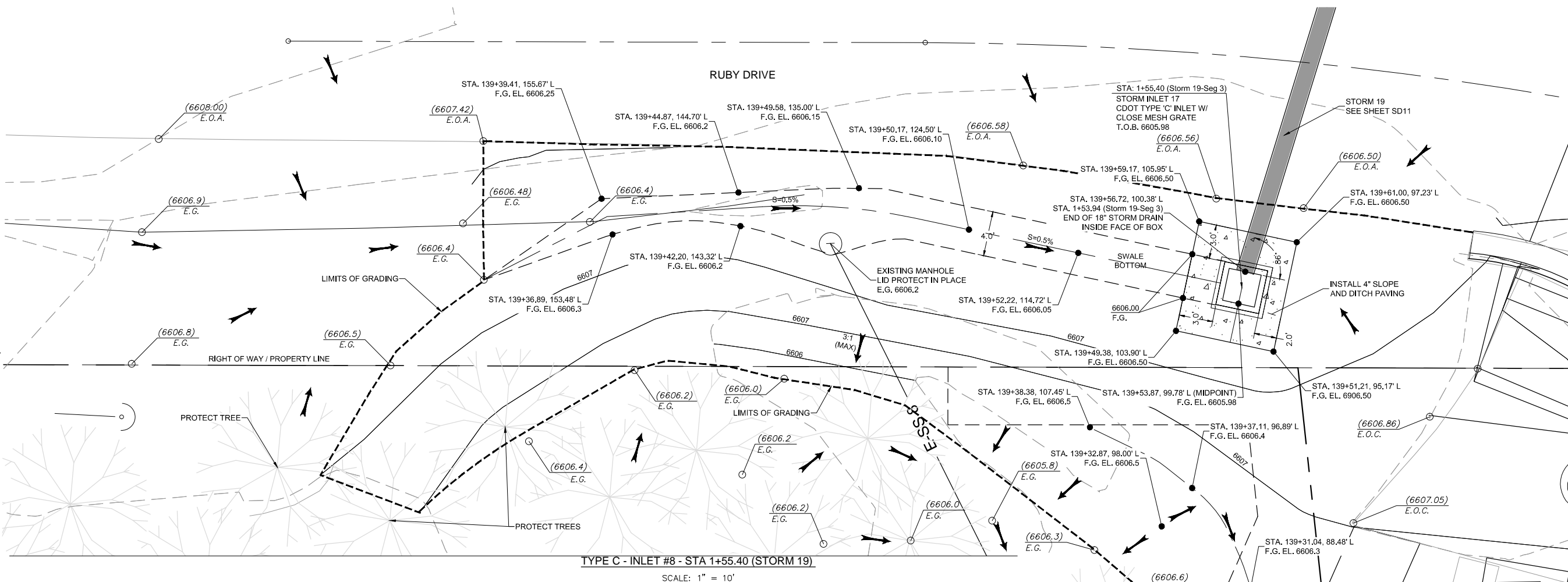
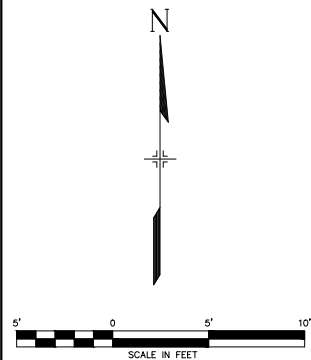
**STORM SYSTEM DETAILS**

Subset: SD    Subset Sheets: SD20 of SD27    Sheet No: 769

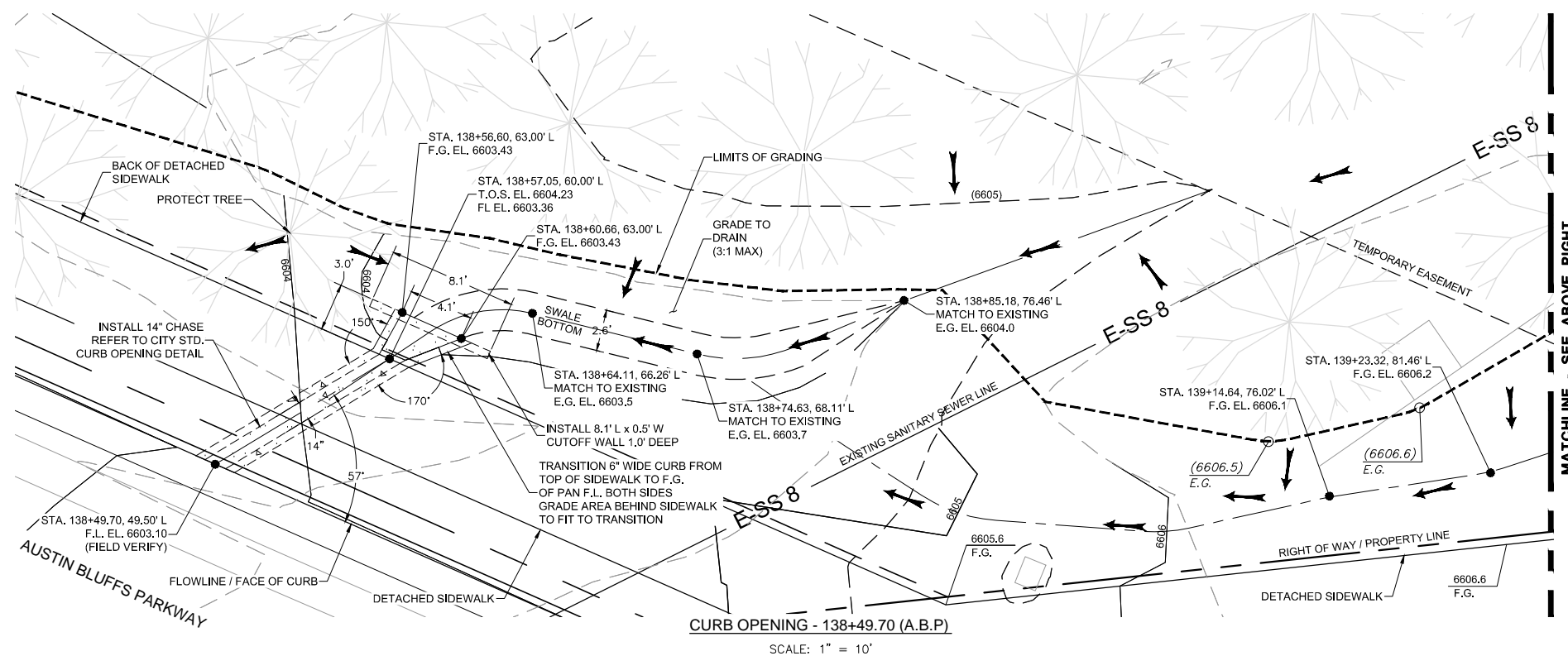




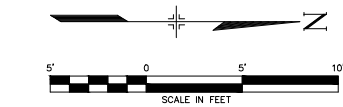
Know what's below.  
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TYPE C - INLET #8 - STA 1+55.40 (STORM 19)  
SCALE: 1" = 10'



CURB OPENING - 138+49.70 (A.B.P)  
SCALE: 1" = 10'



**WILSON & COMPANY**

PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/13/12
Last Modification Date:	
Drawing File Name:	Segment 3 Storm Drain Detail Sheet 7.dwg
Acad Ver.	2011

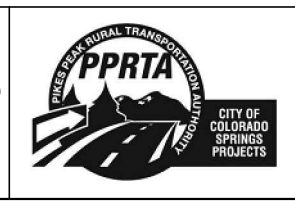
REVISIONS	
No.	Description

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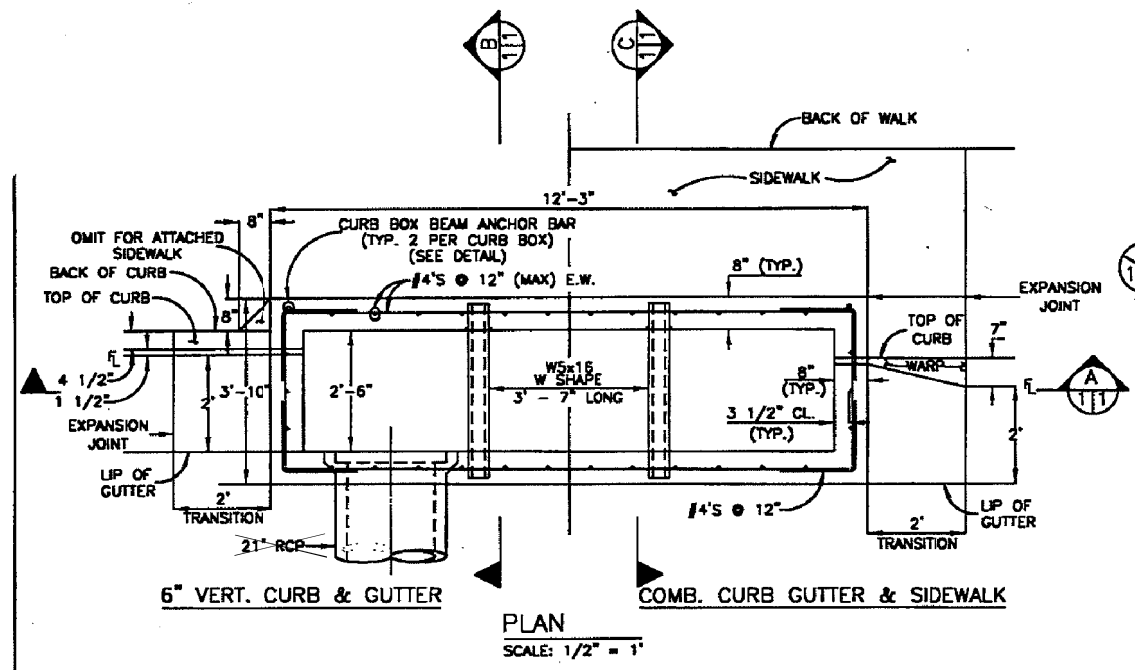
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DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: JCH

**RFP Set**

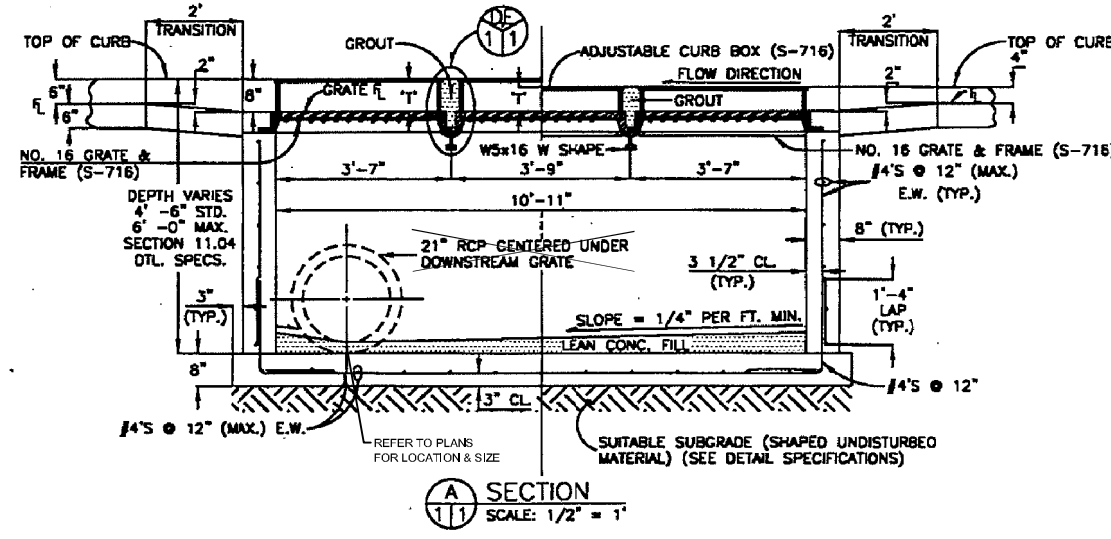


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Rd.		
STORM SYSTEM DETAILS		
Subset:	SD	Sheet No: 770
Subset Sheets:	SD21 of SD27	



PLAN  
SCALE: 1/2" = 1'

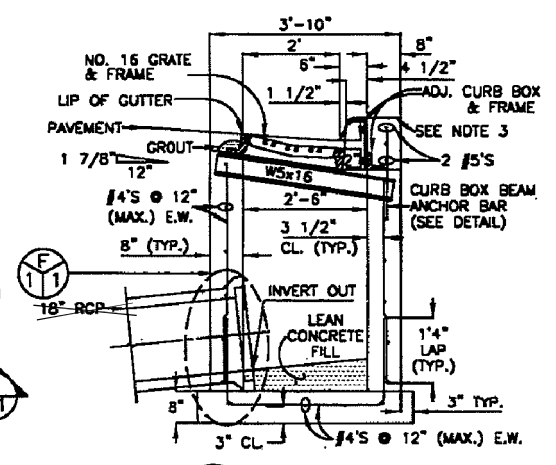
T = THROAT OPENING  
 T = 6" FOR VERTICAL CURB & GUTTER  
 T = 5" FOR COMBINATION CURB GUTTER & SIDEWALK  
 DROP FROM GUTTER ELEVATION TO GRATE ELEVATION (TRANSITION) IS 2"



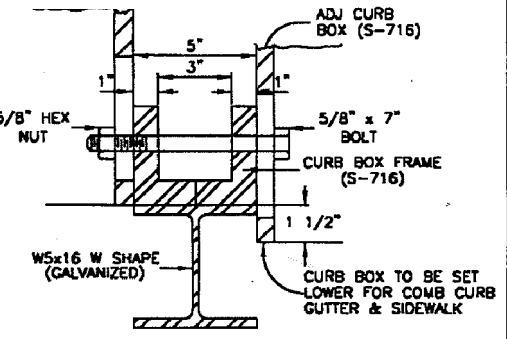
SECTION A  
SCALE: 1/2" = 1'

FLOOR SLOPE MAY BE POURED MONOLITHIC WITH BASE.  
 SC-SLOPE OF CONNECTOR.  
 UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS OR OTHERWISE APPROVED ALL #16 INLETS SHALL BE CONSTRUCTED WITH AN ADJUSTABLE CAST IRON CURB BOX AS PER SHEET SD23.  
 DESIGN CONDITIONS FOR INLET ALLOWS DEPTHS OF 6" (MAX.). FOR INLETS MORE THAN 6 FEET IN DEPTH, SHOP DRAWINGS AND DESIGN ANALYSIS SHALL BE SUBMITTED FOR APPROVAL.  
 ALL REINFORCING STEEL SHALL BE ASTM A-615, GRADE 60 DEFORMED BARS. DIAMETER OF BEND MEASURED ON THE INSIDE OF THE BAR SHALL BE A MINIMUM OF 8 BAR DIAMETER.  
 CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4500 PSI.

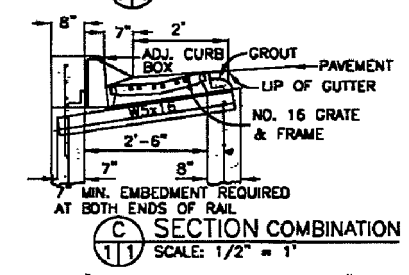
NO FORMWORK SHALL REMAIN INSIDE STRUCTURE WHEN COMPLETE.  
 SPLICING OF REINFORCING STEEL SHALL BE PERMITTED ONLY WHERE DETAILED IN DRAWINGS.  
 INLET WALLS SHALL BE FORMED BOTH INSIDE AND OUTSIDE. CASTING OF SIDEWALLS AGAINST EARTH IS NOT PERMITTED.  
 LEAN CONCRETE FILL TO BE Fc = 2000.



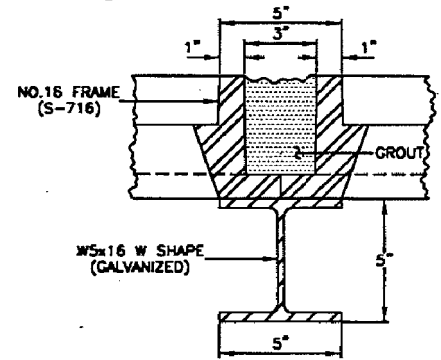
SECTION B  
SCALE: NOT TO SCALE



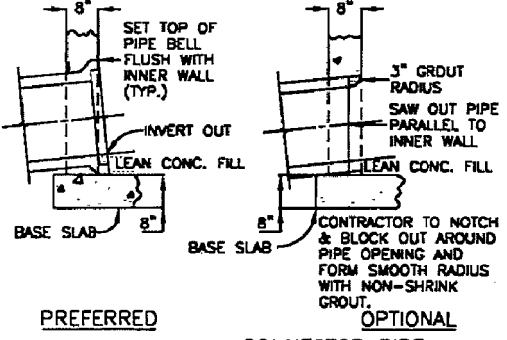
DETAIL D  
SCALE: 3" = 1'



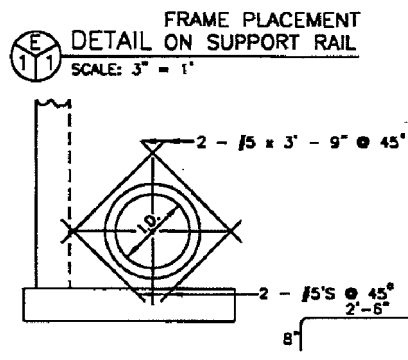
SECTION C  
SCALE: 1/2" = 1'



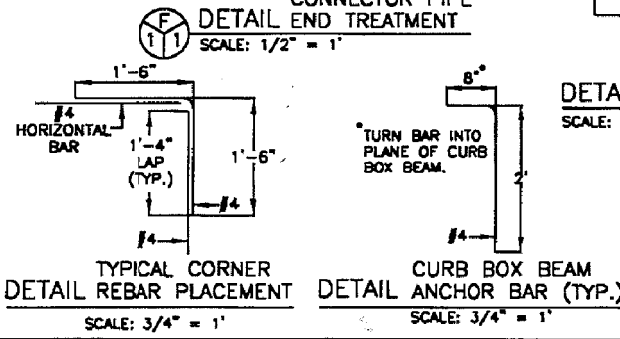
DETAIL E  
SCALE: 3" = 1'



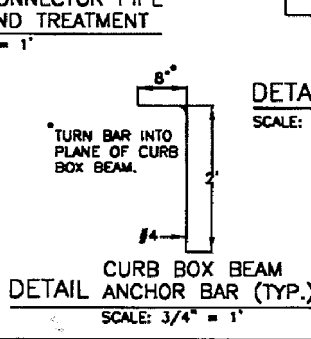
DETAIL F  
SCALE: 1/2" = 1'



DETAIL G  
SCALE: 1/2" = 1'



TYPICAL CORNER  
DETAIL REBAR PLACEMENT  
SCALE: 3/4" = 1'



CURB BOX BEAM  
DETAIL ANCHOR BAR (TYP.)  
SCALE: 3/4" = 1'

REVISED		CITY AND COUNTY OF DENVER	
BY	DATE	DEPARTMENT OF PUBLIC WORKS WASTEWATER MANAGEMENT DIVISION	
LL	4/99	STANDARD DETAILS TRIPLE NO. 16 INLETS O.T. ADJUSTABLE CURB BOX	
DATE	DESIGNED BY	SHEET NO.	DRAWING NO.
6/94	DLM	1	S-516.3



COMPUTER FILE INFORMATION			
Creation Date:	5/13/12	Initials:	DLM
Last Modification Date:		Initials:	
Full Path:	M:\TRN\09-100-305-00\CADD\DESIGN\Hydraulics\Drawings\		
Drawing File Name:	Segment 3 Storm Drain Detail Sheet 8.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

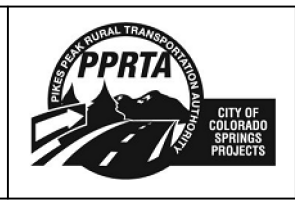
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No.	Description	Date

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**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: DLM  
 DRAWN BY: DLM  
 CHECKED BY: JCH

**RFP Set**

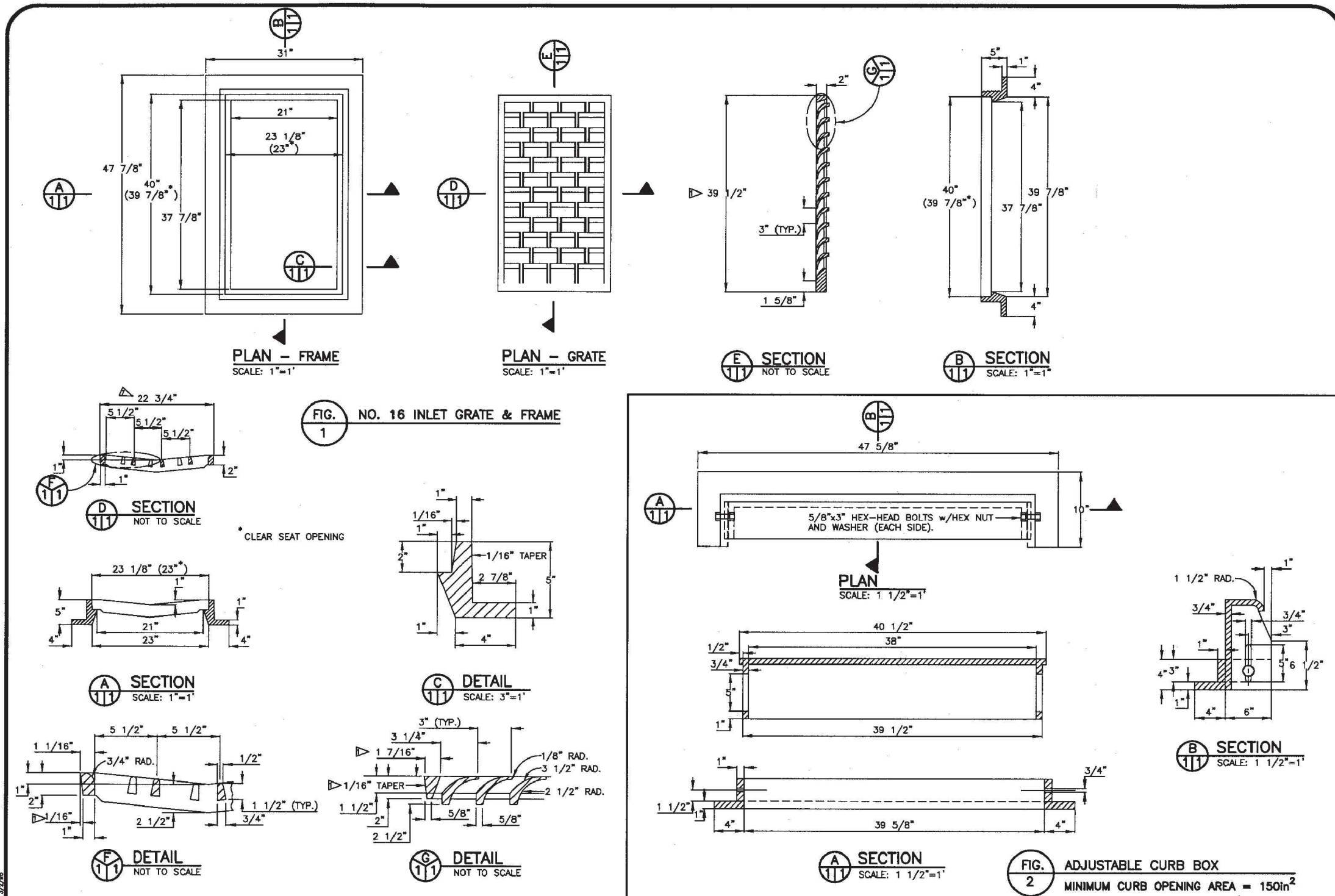


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM SYSTEM DETAILS			
Subset:	SD	Subset Sheets:	SD22 of SD27
			Sheet No: 771

PLOT DATE: 1/16/2013

**811**

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**GENERAL NOTES:**  
 1. CAST IRON SHALL CONFORM TO ASTM A48. (CLASS 35B, MINIMUM)  
 2. CASTINGS SHALL COMPLY WITH FEDERAL SPECIFICATION RR-F-621D FOR CASTING PROOF LOADING (HEAVY DUTY).

REVISED		CITY AND COUNTY OF DENVER	
BY	DATE	DEPARTMENT OF PUBLIC WORKS	
L.J.	8/94	WASTEWATER MANAGEMENT DIVISION	
STANDARD DETAILS			
NO. 16 INLET - GRATE & FRAME			
ADJUSTABLE CURB BOX			
ISSUE DATE	DRAWN BY	SHEET NO.	DRAWING NO.
6/94	J.E.M.	1	S-716
	CHECKED BY	OF	SHEETS
	L.J.	1	5

**WILSON & COMPANY**

PLOT DATE: 1/15/2013

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Creation Date:	5/13/12
Last Modification Date:	
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Drawing File Name:	Segment 3 Storm Drain Detail Sheet 8.dwg
Acad Ver.	2011
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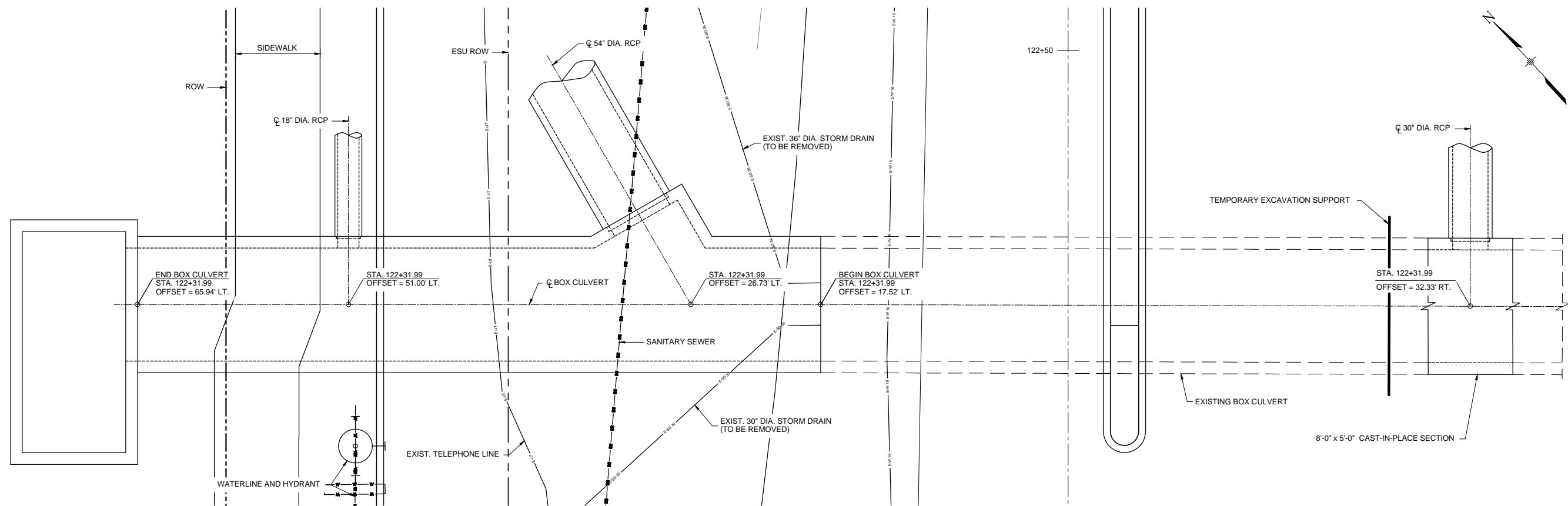
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 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: DLM  
 DRAWN BY: DLM  
 CHECKED BY: JCH

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Rd.		
STORM SYSTEM DETAILS		
Subset:	SD	Sheet No: 772
Subset Sheets:	SD23 of SD27	



PLAN

**GENERAL NOTES:**

- ALL CONCRETE SHALL BE CLASS D (BOX CULVERT) (fc = 4500 psi).
- ALL CONSTRUCTION JOINTS SHALL BE THOROUGHLY CLEANED BEFORE FRESH CONCRETE IS PLACED.
- ALL CONSTRUCTION JOINTS NOT SHOWN ON THE PLANS SHALL BE CONSTRUCTED ONLY IF APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.
- STRUCTURE EXCAVATION AND BACKFILL SHALL BE IN ACCORDANCE WITH STANDARD PLAN M-206-1.
- BACKFILL SHALL NOT BEGIN UNTIL ENTIRE STRUCTURE HAS REACHED DESIGN STRENGTH, 0.8 fc.
- REINFORCING STEEL SHALL BE GRADE 60 NON-COATED.
- ALL REINFORCING IS 2" CLEAR UNLESS NOTED OTHERWISE.
- THE MINIMUM LAP SPLICE LENGTH FOR BLACK REINFORCING BARS SHALL BE:

BAR SIZE:	#4	#5	#6	#7	#8	#9	#10	#11
SPLICE LENGTH:	1'-0"	1'-4"	1'-7"	1'-10"	2'-5"	3'-1"	3'-11"	4'-10"

- ALL DIMENSIONS ARE PERPENDICULAR TO THE CENTERLINE OF THE BOX.
- ALL TRANSVERSE REINFORCING SHALL BE NORMAL TO THE CENTERLINE OF THE BOX.
- ALL EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED  $\frac{1}{4}$ ".
- CONTRACTOR SHALL FIELD VERIFY ELEVATIONS AND END CONDITIONS OF EXISTING BOX CULVERT AND CONSTRUCT JOINT.
- CONTRACTOR SHALL CONTACT ENGINEER IF EXISTING CULVERT END CONDITIONS ARE OTHER THAN WHAT IS SHOWN IN THE PLANS.
- CONTRACTOR SHALL FIELD VERIFY ELEVATIONS OF REINFORCED CONCRETE PIPES (RCP) CONNECTING TO BOX CULVERT PRIOR TO CONSTRUCTION OF CULVERT - PIPE CONNECTIONS.
- GROUT END OF NEW CBC TO MATCH EXISTING CROSS SECTION.
- GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRAIGHTH OF 5000 PSI.

**STRUCTURAL STEEL NOTES:**

- ALL STEEL SHALL BE GRADE A36 OR BETTER.
- WELDS SHALL BE DONE USING E70 ELECTRODES.
- ALL STEEL CONNECTIONS, AND HARDWARE SHALL BE GALVANIZED.
- ALL BOLTS SHALL BE GRADE A325 OR BETTER.

**LOADING:**

EARTH: VERTICAL EARTH LOAD = 130 LBS./CU. FT.  
 AT-REST EARTH COEFFICIENT - Ko = 0.5

LIVE LOAD = AASHTO, HL-93

LIVE LOAD SURCHARGE EQUIVALENT HEIGHT = 2 FT. OF EARTH

TRASH RACK LIVE LOAD = 100 PSF



PLOT DATE: 1/15/2013

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Last Modification Date:	Initials:
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Acad Ver.	2011 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**

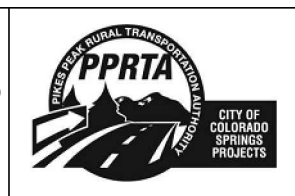
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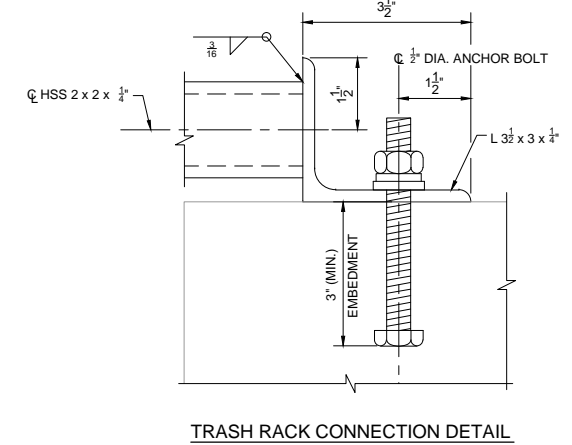
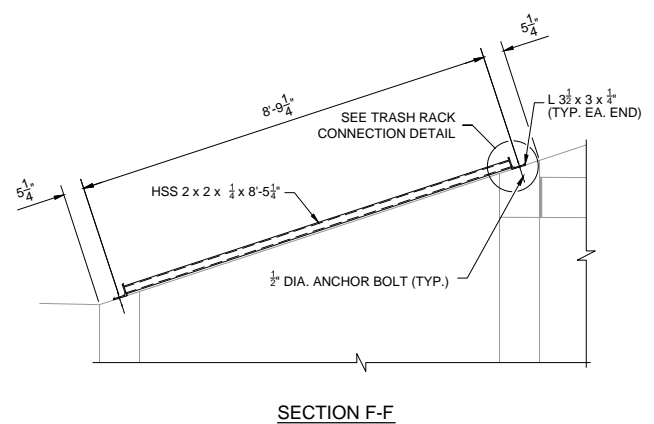
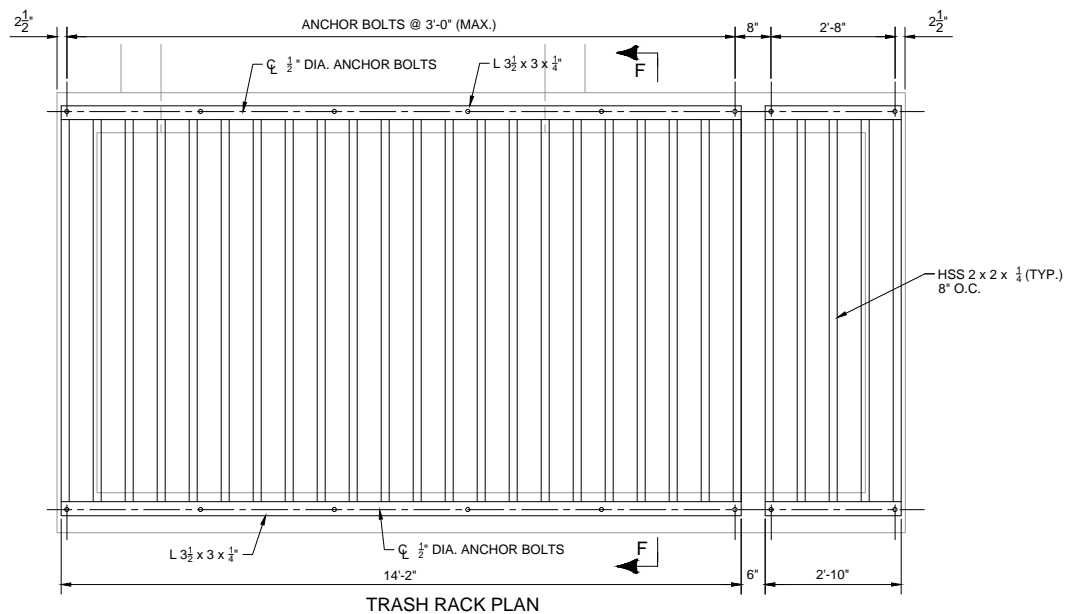
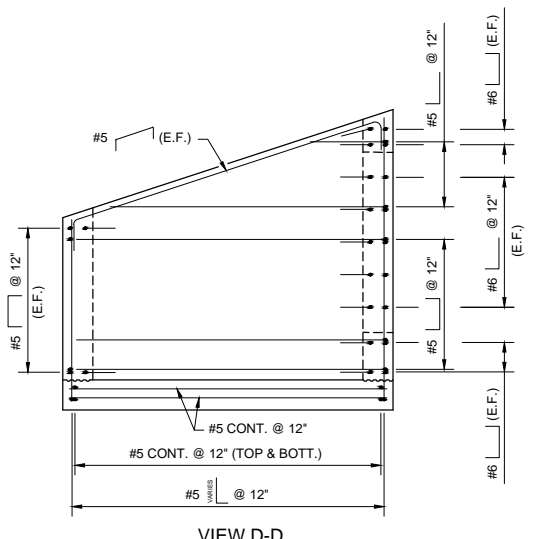
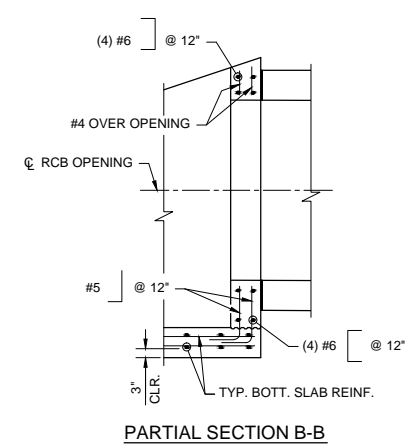
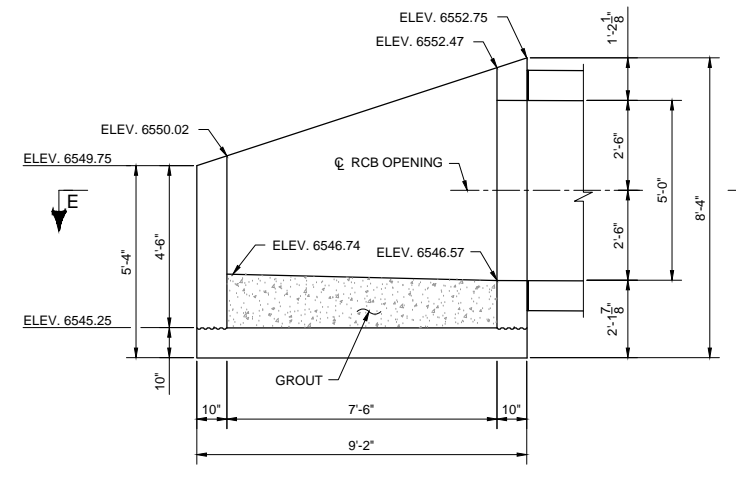
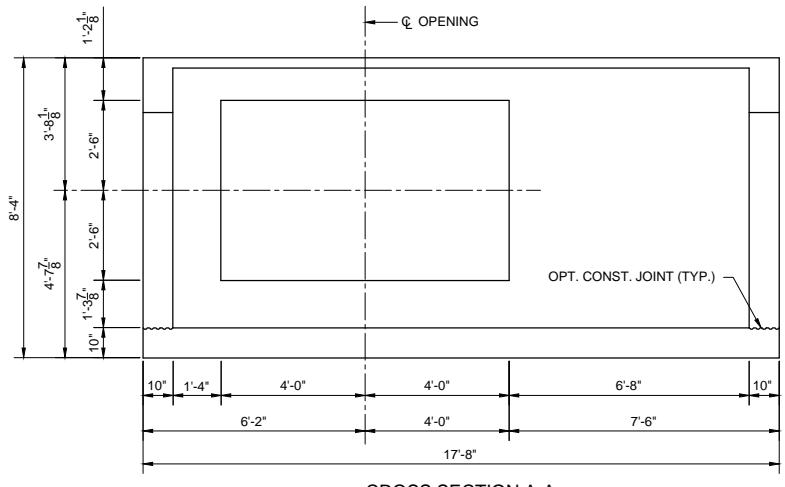
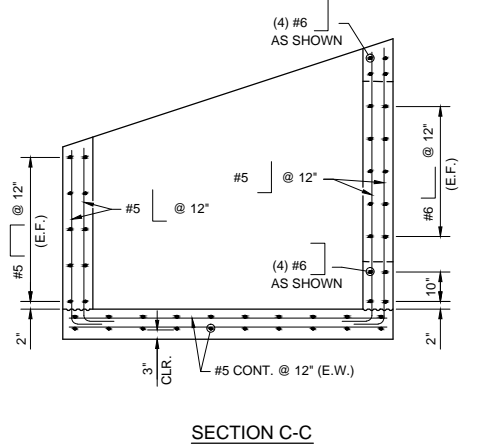
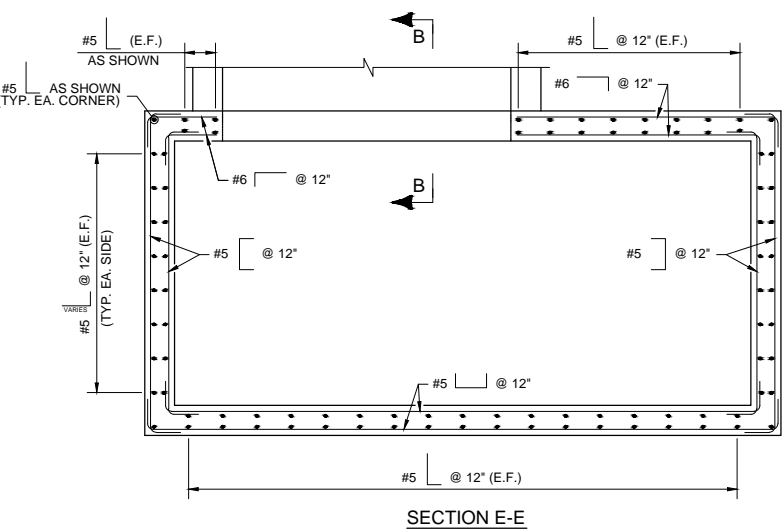
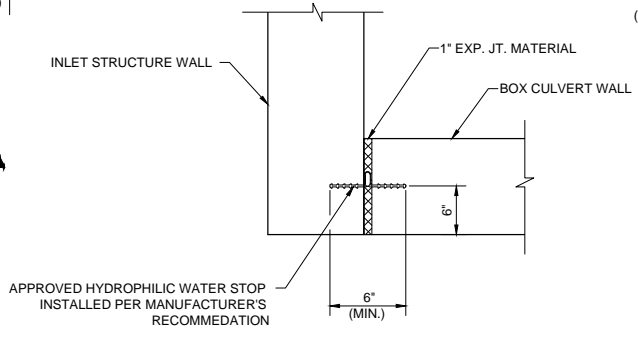
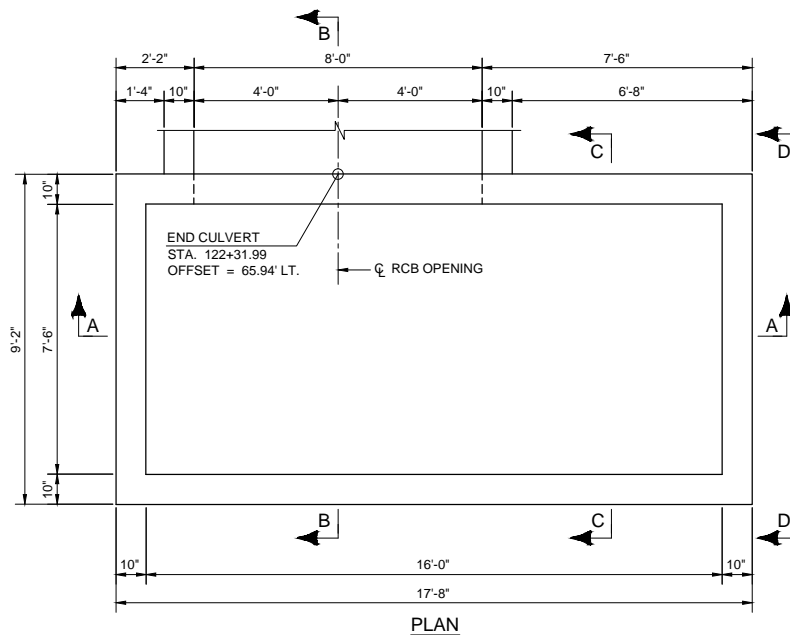
2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: EDA  
 DRAWN BY: DRA  
 CHECKED BY: JAR

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Rd.		
STORM DRAIN STRUCTURES		
GENERAL LAYOUT AND GENERAL NOTES		
Subset:	SD	Sheet No: 773
Subset Sheets:	SD24 of SD27	



**WILSON & COMPANY**

PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION			
Creation Date:	5/13/12	Initials:	DLM
Last Modification Date:		Initials:	
Full Path:	M:\TRN\09-100-305-00\CADD\DESIGN\Hydraulics\Drawings\		
Drawing File Name:	Segment 3 Storm Drain Structural Detail Sheet 2.dwg		
Acad Ver.	2011	Scale:	AS SHOWN

REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

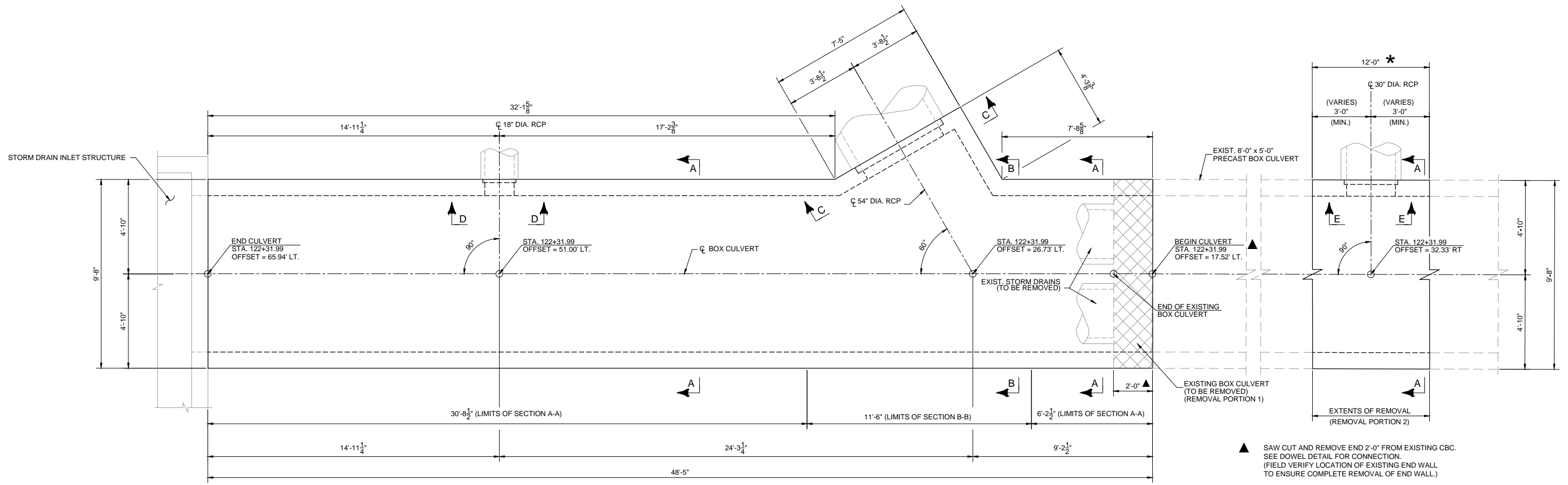
**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: EDA  
DRAWN BY: DRA  
CHECKED BY: JAR

**RFP Set**

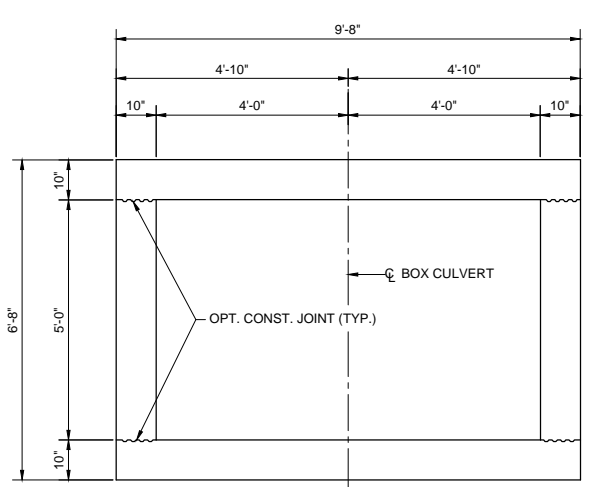


AUSTIN BLUFFS PARKWAY Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM DRAIN INLET STRUCTURE INLET DETAILS			
Subset:	SD	Subset Sheets:	SD25 of SD27
Sheet No:			774

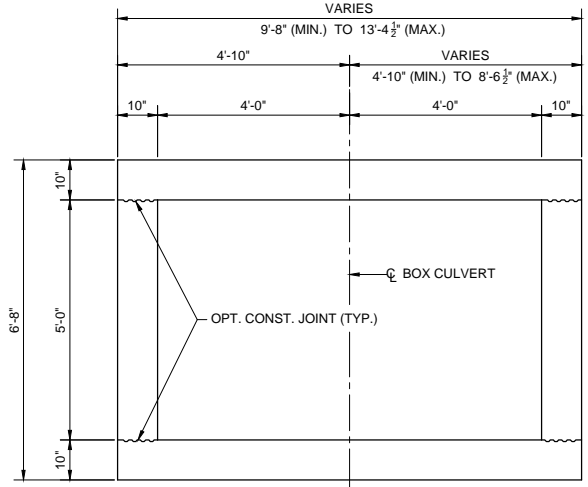


PLAN

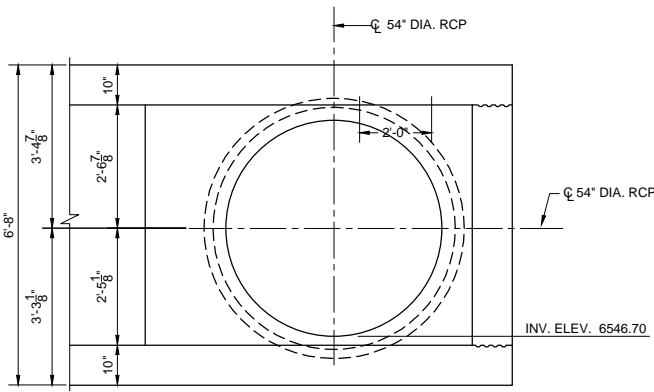
- ▲ SAW CUT AND REMOVE END 2'-0" FROM EXISTING CBC. SEE DOWEL DETAIL FOR CONNECTION. (FIELD VERIFY LOCATION OF EXISTING END WALL TO ENSURE COMPLETE REMOVAL OF END WALL.)
- \* TWO SECTIONS OF EXISTING PRECAST BOX CULVERT SHALL BE REMOVED UNLESS THE 3'-0" (MIN.) DIMENSION ON BOTH SIDES OF THE C<sub>C</sub> CAN BE MET WITH THE REMOVAL OF ONE SECTION. (SHORING MAY BE REQUIRED FOR REMOVAL OF EXISTING PRECAST BOX CULVERT SECTION(S).) (IF THE REMOVAL OF TWO SECTIONS IMPACTS M.O.T. NOTIFY ENGINEER FOR POSSIBLE ALTERNATIVES.)



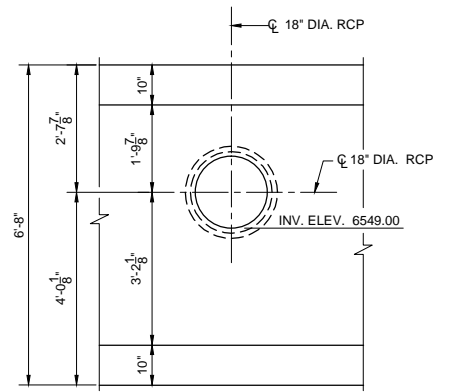
SECTION A-A



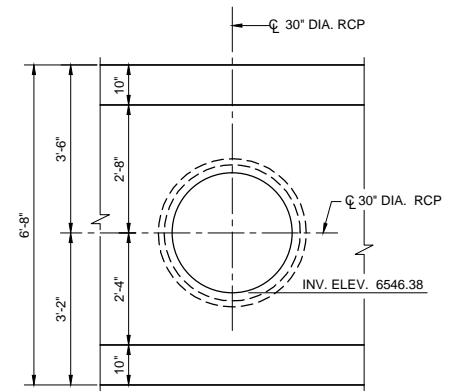
SECTION B-B



VIEW C-C



VIEW D-D

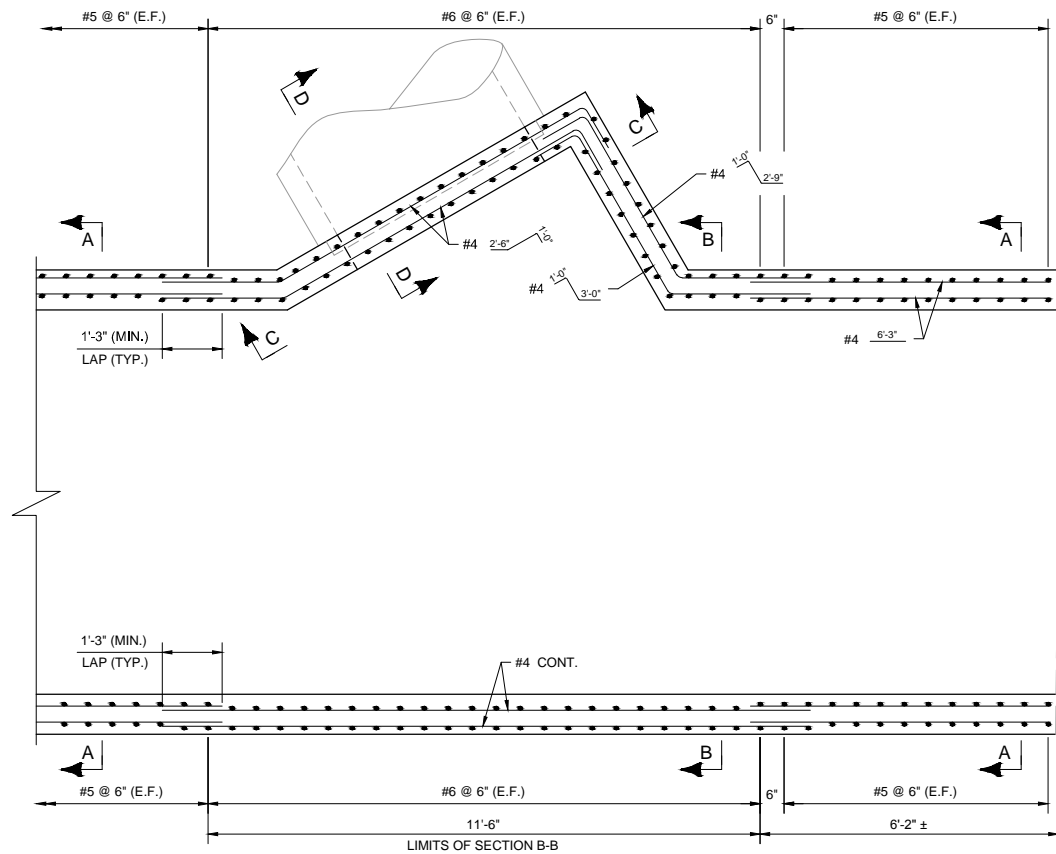


VIEW E-E

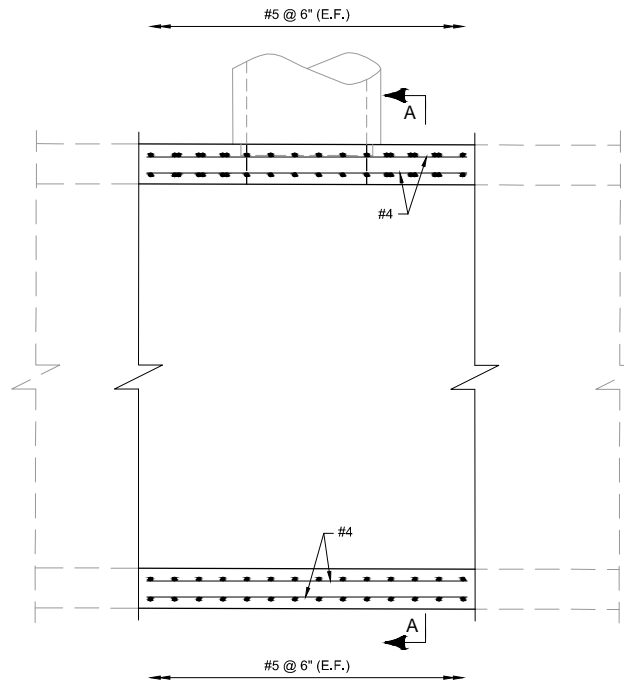


PLOT DATE: 1/15/2013

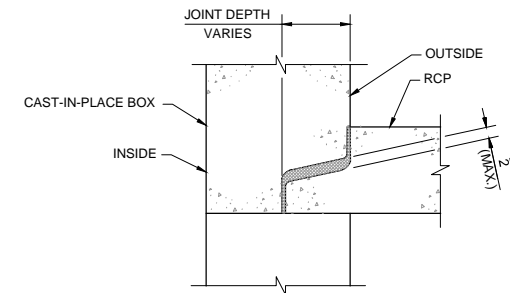
COMPUTER FILE INFORMATION				REVISIONS		STATEMENT:		Matrix DESIGN GROUP		AUSTIN BLUFFS PARKWAY			
Creation Date:	5/13/12	Initials:	DLM	No.		THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.				2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100		Segment 3 - Barnes Rd. to Old Farm Rd.	
Last Modification Date:		Initials:		Description	Date							STORM DRAIN BOX CULVERT BOX CULVERT DETAILS (1 OF 2)	
Full Path:	M:\TRN\09-100-305-00\CADD\DESIGN\Hydraulics\Drawings\											Subset: SD	
Drawing File Name:	Segment 3 Storm Drain Structural Detail Sheet 3.dwg											Subset Sheets: SD26 of SD27	
Acad Ver.	2011	Scale:	AS SHOWN							Sheet No: 775			



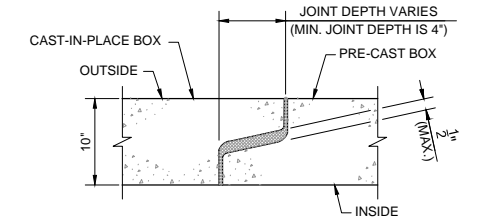
PARTIAL PLAN



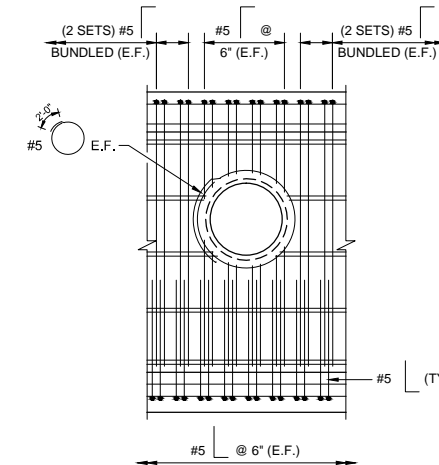
PARTIAL PLAN



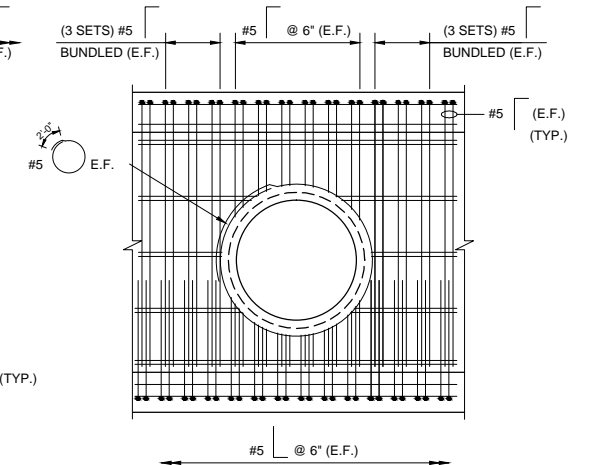
PIPE INTO CBC WALL DETAIL  
(JOINT DEPTH VARIES ACCORDING TO RCP DIAMETER)  
(PLACE AN APPROVED JOINT SEALANT MATERIAL  
CONFORMING TO MANUFACTURERS RECOMMENDATIONS)



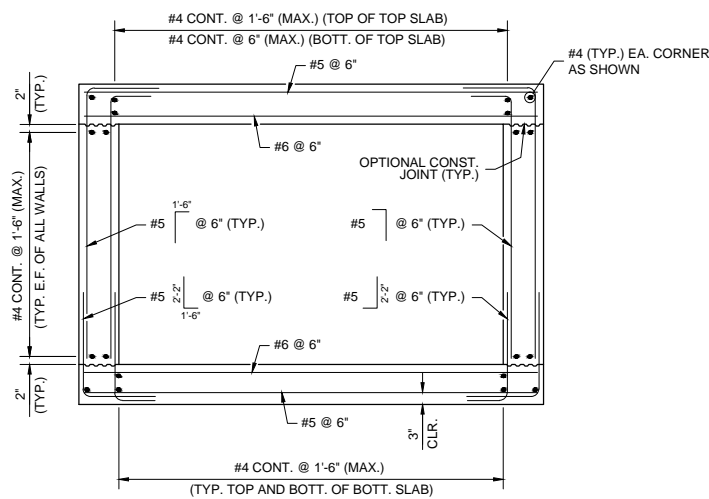
TYPICAL JOINT DETAIL  
(BETWEEN PRE-CAST AND CAST-IN-PLACE SECTIONS)  
(PLACE AN APPROVED JOINT SEALANT MATERIAL  
CONFORMING TO MANUFACTURERS RECOMMENDATIONS)



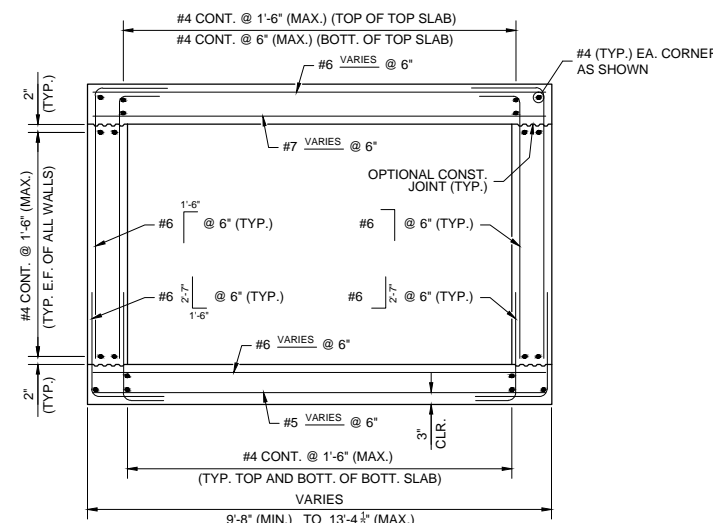
18" RCP CONNECTION DETAIL



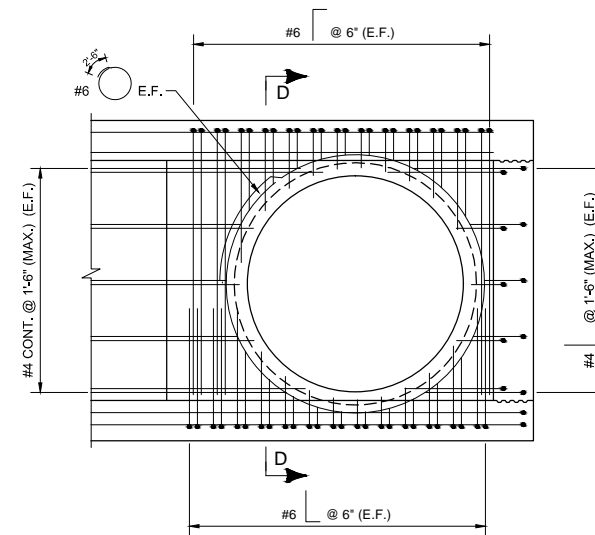
30" RCP CONNECTION DETAIL



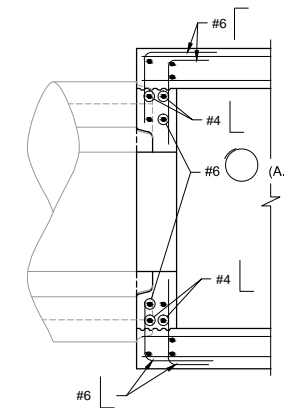
SECTION A-A



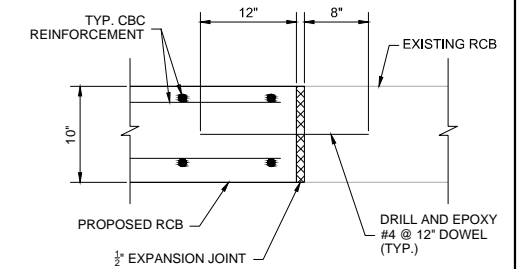
SECTION B-B



VIEW C-C  
(TYP. WALL REINF. NOT SHOWN FOR CLARITY)



PARTIAL SECTION D-D



DOWEL DETAIL

**WILSON & COMPANY**

PLOT DATE: 1/15/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/13/12
Initials:	DLM
Last Modification Date:	
Initials:	
Full Path:	M:\TRN\09-100-305-00\CADD\DESIGN\Hydraulics\Drawings\
Drawing File Name:	Segment 3 Storm Drain Structural Detail Sheet 4.dwg
Acad Ver.	2011
Scale:	AS SHOWN

REVISIONS		
No.	Description	Date

STATEMENT:  
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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: EDA  
DRAWN BY: DRA  
CHECKED BY: JAR

**RFP Set**



AUSTIN BLUFFS PARKWAY Segment 3 - Barnes Rd. to Old Farm Rd.			
STORM DRAIN BOX CULVERT BOX CULVERT DETAILS (2 OF 2)			
Subset:	SD	Subset Sheets:	SD27 of SD27
			Sheet No: 776



**TRAFFIC SIGNAL GENERAL NOTES:**

1. TRAFFIC CONTROL DEVICES AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE "COCS" (CITY OF COLORADO SPRINGS) TRAFFIC SIGNAL SPECIFICATIONS, AND THE STANDARDS SET FORTH IN THE "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS."
2. THE TRAFFIC ENGINEER, OR DESIGNEE, SHALL BE COORDINATE LOCATION OF POLE BASES WITH CONTRACTOR. THIS SHALL BE ACCOMPLISHED BY "STAKING" THE LOCATION FOR THE CONTRACTOR AND INDICATING DIRECTION FOR CONDUIT STUB OUTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF UTILITIES PRIOR TO ANY EXCAVATING; AND IF CHANGES ARE REQUIRED, HAVING THE TRAFFIC ENGINEER OR DESIGNEE RELOCATE THE FACILITY.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DIGGING OF POLE BASE HOLE, PROVIDING FORMS, SET UP OF BOLTS, CONDUIT STUBOUTS, J-BOX AND THE FORMING, POURING AND FINISHING OF CONCRETE. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS.
5. CONCRETE TO BE STATE CLASS BZ POURED AGAINST VIRGIN (UNDISTURBED) SOIL. ALL BASES SHALL BE VIBRATED TO ELIMINATE AIR POCKETS. A COPY OF SIGNED BATCH TICKET MUST ACCOMPANY BILLING.
6. BASE SHALL BE TROWEL FINISHED WITH STUB OUT DIRECTIONS SCRIBED AT EDGE.
7. CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEER, OR DESIGNEE, FOR INSPECTION OF FORM, BOLTS AND STUBOUT LAYOUT 24 HOURS PRIOR TO INTENT OF POUR, AND (2-HOUR MINIMUM CONFIRMATION) PRIOR TO POURING CONCRETE. (POURING BASES WITHOUT AN INSPECTION WILL RESULT IN CONTRACTOR REMOVING SAID BASE AND INSTALLING A NEW ONE AT CONTRACTOR EXPENSE WITHIN ONE WEEK). EXPOSED BOLT THREADS AND NUTS SHALL BE FREE OF CONCRETE AND DEBRIS. THE TRAFFIC SIGNAL INSPECTOR PRIOR TO ACCEPTANCE SHALL INSPECT FINISHED BASE.
8. FINISHED PRODUCT SHOULD CONFORM TO CURRENT COLORADO SPRINGS CITY TRAFFIC SIGNALS STANDARDS FOR COSMETICS AND QUALITY IN WORKMANSHIP AS STATED IN THIS DOCUMENT. IF CONTRACTOR HAS ANY QUESTIONS OR DOESN'T UNDERSTAND SOMETHING, THEN ASK FOR INTERPRETATION BEFORE CONTINUING WORK TO AVOID DOING SOMETHING TWICE.
9. CONDITIONAL ACCEPTANCE: ONCE CONSTRUCTION OF A TRAFFIC SIGNAL HAS BEEN SATISFACTORILY COMPLETED, THE SIGNALS ARE "CONDITIONALLY ACCEPTED" BY OWNER. AT THIS TIME THE SIGNAL IS TURNED ON AND THE "BURN-IN" PERIOD BEGINS. THE BURN-IN PERIOD WILL LAST 15 DAYS. DURING THE BURN-IN PERIOD THE SIGNAL SYSTEM IS ALLOWED TO OPERATE UNDER REAL WORLD CONDITIONS. ANY MALFUNCTION OCCURRING DURING THIS PERIOD WILL REQUIRE A REPAIR OR REPLACEMENT AND IF THE MALFUNCTION IS SERIOUS ENOUGH, THE BURN-IN PERIOD MUST BE RESTARTED.
10. FINAL ACCEPTANCE: AFTER THE BURN-IN PERIOD IS COMPLETED, ALL PUNCH LIST ITEMS HAVE BEEN CORRECTED AND THE CONTRACTOR HAS MET ALL CONTRACT REQUIREMENTS (SUCH AS FINAL CLEAN UP OF WORK SITE), THE SIGNAL WILL BE ACCEPTED.
11. CONTRACTOR SHALL GUARANTEE MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR.
12. CITY OF COLORADO SPRINGS TRAFFIC SIGNALS DIVISION RESERVES THE RIGHT TO BILL CONTRACTOR FOR MATERIALS AND LABOR FOR REPAIR AND/OR REPLACEMENT OF CONTRACT WORK DUE TO FAULTY CRAFTSMANSHIP DURING WARRANTY PERIOD.
13. A MINIMUM OF TWO SIGNAL HEADS SHALL BE MAINTAINED OVER TRAVELED LANES WHEN CONSTRUCTION ON LIVE INTERSECTION REQUIRES TRAFFIC TO MOVE FROM NORMALLY TRAVELED LANES. SIGNAL HEAD NOT OVER TRAVELED LANES SHALL BE BAGGED.
14. IF CONTRACTOR REQUESTS SIGNALS PERSONNEL DURING NON-DUTY HOURS, (AFTER BUSINESS HOURS, WEEKENDS AND HOLIDAYS) CONTRACTOR WILL BE BILLED FOR ANY OVERTIME OF PERSONNEL. MINIMUM BILLING FOR OVERTIME PERSONNEL AND VEHICLES IS 2 HOURS AT STANDARD OVERTIME RATES.
15. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL SUBMIT AN "AS-BUILT" OR CORRECTED PLAN SHOWING, IN DETAIL, ALL CONSTRUCTION CHANGES INCLUDING BUT NOT LIMITED TO, WIRING, CABLE, POLES, CONTROLLER CABINET, DETECTION SYSTEMS AND LOCATION OF ALL CONDUITS.
16. ALL TRAFFIC SIGNAL EQUIPMENT THAT IS REMOVED SHALL REMAIN THE PROPERTY OF CITY OF COLORADO SPRINGS. SUCH PROPERTY IS TO BE RETURNED BY THE CONTRACTOR TO THE 404 W. FONTANERO, CITY TRAFFIC SIGNALS SHOP. CONTRACTOR MUST CONTACT SIGNAL SHOP (719-385-6720) TO MAKE ARRANGEMENTS FOR DELIVERY. ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED IN THE SAME CONDITION AS REMOVED. POLES WILL BE STRIPPED CLEAN OF ALL ATTACHED PARTS BEFORE DELIVERY.
17. CONTRACTOR SHALL AT HIS SOLE EXPENSE, REPLACE OR RECONSTRUCT SIDEWALKS, CURBS, GUTTERS, PAVEMENT AND ANY OTHER IMPROVEMENTS REMOVED, BROKEN OR DAMAGED BY HIM WITH MATERIAL AND METHODS THAT CONFORM TO CURRENT CITY STANDARDS.
18. THE CONTRACTOR SHALL HAVE FULL MAINTENANCE RESPONSIBILITY OF THE TRAFFIC SIGNAL FROM THE TIME OF NOTICE TO PROCEED TO THE INITIAL ACCEPTANCE AND/OR ENGINEER ' DATE COMPLETION OF REMOVALS IN THE CASE OF REBUILD OF MODIFICATIONS.
19. ALL NEW INSTALLATIONS REQUIRE ALL VEHICLE AND PEDESTRIAN INDICATIONS TO BE CITY OF COLORADO SPRINGS APPROVED LEDS. ALL SIGNAL HEADS MOUNTED ON MAST ARMS SHALL HAVE BACK-PLATES.
20. CONTRACTORS THAT DAMAGE TRAFFIC SIGNAL SYSTEMS WILL BE BILLED FOR ALL MATERIALS USED AS WELL AS DOUBLE TIME FOR STAFF WHOM ARE PULLED OFF EXISTING JOBS TO MAKE THE REPAIRS.
21. CONTRACTORS INSTALLING SIGNAL FOUNDATIONS SHALL TERMINATE THE SIGNAL CONDUITS INTO A STANDARD J-BOX WITH BELL ENDS ATTACHED ON CONDUITS. ONE 8' GROUND ROD SHALL BE INSTALLED IN EACH SIGNAL J-BOX. CONTRACTOR SHALL FURNISH ALL MATERIAL.

**TRAFFIC DETAILS:**

- SECTION 8.7 UNDERGROUND CONDUIT AND PULLBOX INSTALLATION
- SECTION 9.4 SIGN MOUNTING BRACKET INSTALLATION
- SECTION 9.5 SIGN MOUNTING ARM
- SECTION 11.0 TRAFFIC SIGNAL - SPAN WIRE INSTALLATION
- SECTION 11.2 TRAFFIC SIGNAL POLE WITH MAST ARM AND DECORATIVE GLOBE
- SECTION 11.3 TRAFFIC SIGNAL POLE WITH MAST ARM WITH LUMINAIRES
- SECTION 11.4 POLE AND MASTER ARM DETAILS
- SECTION 11.5 POLE AND MAST-ARM SCHEDULE
- SECTION 12.0 LOADING AND SIGNAL HEAD SPACING (MAST-ARM)
- SECTION 12.1 LOADING AND SIGNAL HEAD SPACING (SPAN-WIRE)
- SECTION 13.14 TRAFFIC SIGNAL FOUNDATION (TYPICAL)
- SECTION 14.2 TRAFFIC SIGNAL PEDESTAL DETAIL
- SECTION 15.0 TRAFFIC SIGNAL SCHOOL FLASHER
- SECTION 16.0 TRAFFIC SIGNAL SCHOOL FLASHER FOUNDATION
- SECTION 17.0 STREET LIGHT & TRAFFIC SIGNAL INSTALLATION
- SECTION 25.0 BREAK AWAY TETHER ASSEMBLY
- SECTION 28.0 UPPER ARM ASSEMBLY
- SECTION 30.0 POLE MOUNT FITTINGS
- SECTION 31.0 MAST ARM MOUNTING BRACKET ASSEMBLY
- SECTION 32.0 PEDESTRIAN PUSHBUTTONS
- SECTION 33.0 JUNCTION/PULL BOXES
- SECTION 34.0 ROCK FIBER CONTROLLER BASE



PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION			REVISIONS			STATEMENT:	AUSTIN BLUFFS PARKWAY		
Creation Date:	05/13/11	Initials: MAK	No.	Description	Date	THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.	Segment 3 - Barnes Rd. to Old Farm Dr.		
Last Modification Date:	01/10/13	Initials: MAK					TRAFFIC SIGNAL NOTES AND TRAFFIC DETAILS		
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\						Subset: SG    Subset Sheets: SG01 of SG03    Sheet No: 777		
Drawing File Name:	SG01-SG03.dwg								
Acad Ver.	2011	Scale:	AS SHOWN						



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719.575.0100



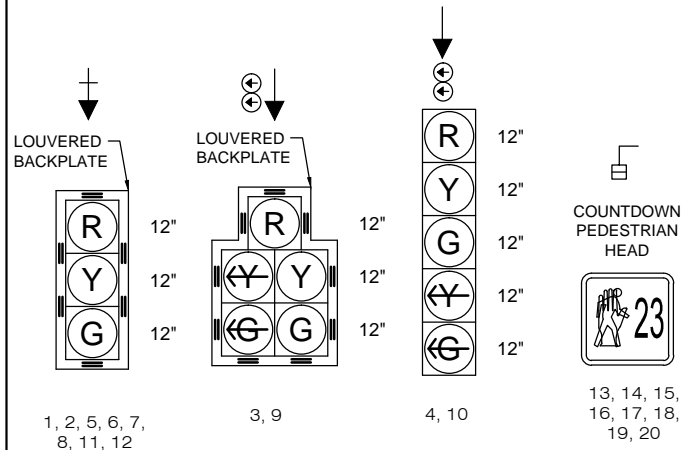
DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK





Know what's below.  
Call before you dig.

PROPOSED SIGNAL FACE DETAILS  
SIGNAL FACES (R/Y/G) INCLUDING ARROWS AND PEDESTRIAN  
SHALL BE LED HI-FLUX AS APPROVED BY "COCS".



LOUVERED BACKPLATES TO  
HAVE A YELLOW TAPE EDGE

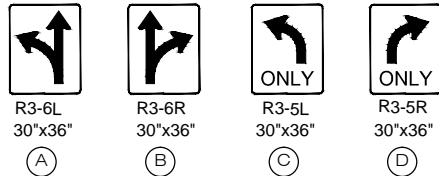
### SIGNAL EQUIPMENT LEGEND

- PROP PEDESTRIAN SIGNAL HEAD & HEAD #
- PROP TRAFFIC SIGNAL & HEAD #
- PROP LUMINAIRE
- PROP PULL BOX
- PROP SIGNAL CONDUIT
- PROP LIGHTING CONDUIT
- PROP CONTROLLER CABINET
- PROP PEDESTRIAN PUSH  
BUTTON AND SIGN
- PROP DETECTOR CAMERA  
ON 6' EXTENSION
- PROP POWER SOURCE
- PROP YAGI ANTENNA
- PROP TRAFFIC SIGNAL  
POLE AND MAST ARM
- PROP PEDESTAL POLE
- PROP POWER METER  
PEDESTAL

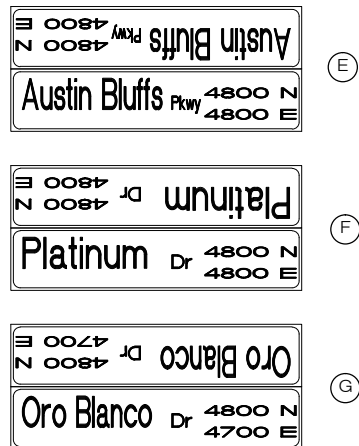
### NOTES:

- 1) THE PROPOSED POWER SOURCE LOCATED AT THE SOUTHWEST CORNER SHALL BE COORDINATED WITH THE LOCAL UTILITY COMPANY.
- 2) EACH PEDESTRIAN PUSH BUTTON SHALL BE ACCOMPANIED BY A 9" X 15" R10-3E PEDESTRIAN SIGN. THIS SIGN SHALL BE INCLUDED IN THE PEDESTRIAN PUSH BUTTON ITEM.

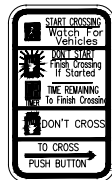
### PROPOSED TRAFFIC SIGNS



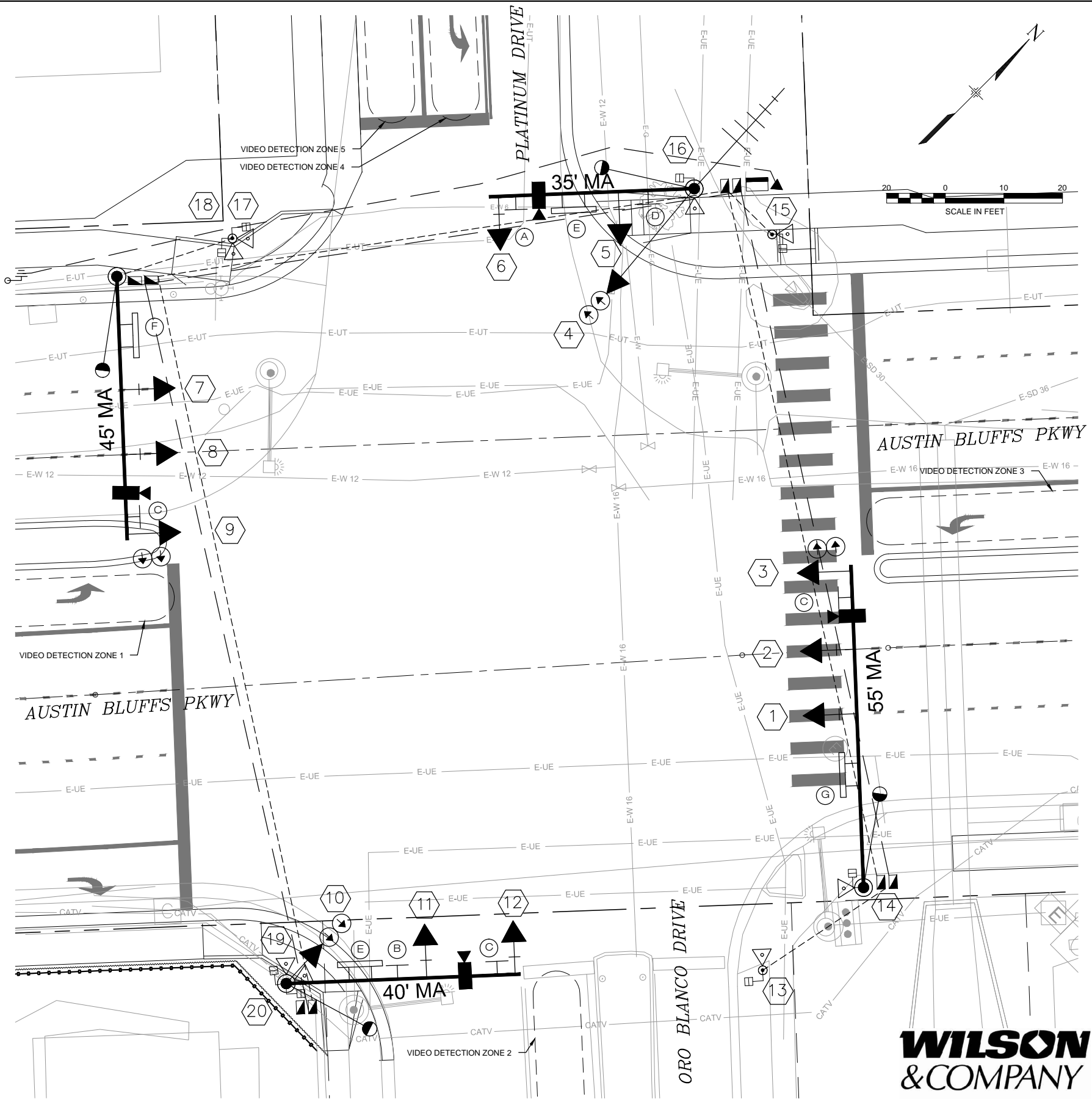
### ILLUMINATED STREET SIGNS



### PROPOSED PEDESTRIAN SIGN



R10-3E  
9"x15"



**WILSON  
& COMPANY**

PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	05/13/11 Initials: MAK
Last Modification Date:	01/10/13 Initials: MAK
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Drawing File Name:	SG01-SG03.dwg
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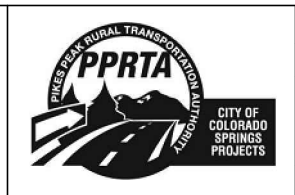
REVISIONS		
No.	Description	Date

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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
TRAFFIC SIGNAL PLAN		
AUSTIN BLUFFS PKWY & ORO BLANCO DR		
Subset:	SG	Subset Sheets: SG02 of SG03 Sheet No: 778



SIGNAL EQUIPMENT LEGEND	
PROP PEDESTRIAN SIGNAL HEAD & HEAD #	
PROP TRAFFIC SIGNAL & HEAD #	
PROP LUMINAIRE	
PROP PULL BOX	
PROP SIGNAL CONDUIT	
PROP LIGHTING CONDUIT	
PROP CONTROLLER CABINET	
PROP PEDESTRIAN PUSH BUTTON AND SIGN	
PROP DETECTOR CAMERA ON 6' EXTENSION	
PROP POWER SOURCE	
PROP YAGI ANTENNA	
PROP TRAFFIC SIGNAL POLE AND MAST ARM	
PROP PEDESTAL POLE	
PROP POWER METER PEDESTAL	

**SIGNAL POLE SCHEDULE**

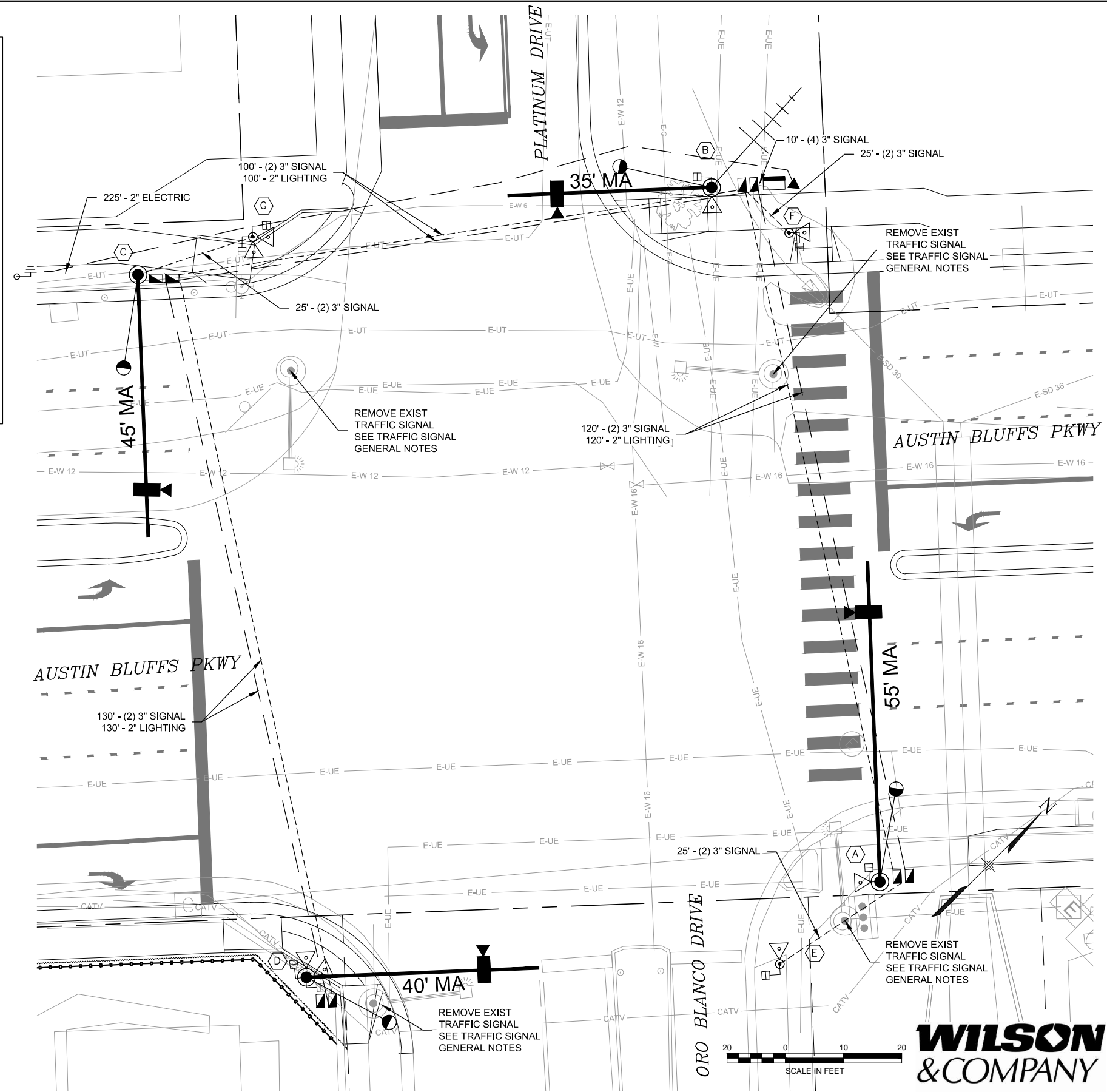
POLE NUMBER	A	B	C	D
LOCATION	E CORNER	N CORNER	W CORNER	S CORNER
NORTHING	54347.57	54411.45	54331.20	54266.35
EASTING	109170.17	109065.45	109006.39	109112.12
CAISSON ELEV.	6551.90	6552.60	6550.42	6550.20
MAST ARM LENGTH	55'	35'	45'	40'
BASE DIA. / DEPTH	36" / 16'	36" / 14'	36" / 15'	36" / 15'

**PEDESTRIAN POLE SCHEDULE**

POLE NUMBER	E	F	G
LOCATION	E CORNER	N CORNER	W CORNER
NORTHING	54325.54	54415.44	54349.68
EASTING	109168.02	109080.40	109015.84
CAISSON ELEV.	6551.10	6553.20	6550.95
BASE DIA. / DEPTH	18" / 3'	18" / 3'	18" / 3'

**SUMMARY OF SIGNAL QUANTITIES**

ITEM DESCRIPTION	UNIT	QUANTITY
REMOVAL OF SIGNAL EQUIPMENT	LS	1
DRILLED SIGNAL POLE FOUNDATION (18 INCH)	LF	9
DRILLED SIGNAL POLE FOUNDATION (36 INCH)	LF	60
INSTALL TRAFFIC SIGNAL EQUIPMENT	LS	1
2 INCH CONDUIT (PVC)	LF	575
(TWO) 3 INCH CONDUIT (PVC)	LF	425
(FOUR) 3 INCH CONDUIT (PVC)	LF	10
PULL BOX (30" X 17" X 18")	EA	3
PULL BOX (36" X 24" X 18")	EA	1
PULL BOX (24" X 13" X 18")	EA	4
SIGNAL CABINET BASE (ROCK FIBER)	EA	1
SIGN PANEL (CLASS I)	SF	45
ILLUMINATED SIGN	EA	4



PLOT DATE: 4/11/2013

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Last Modification Date:	01/10/13 Initials: MAK
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Acad Ver.	2011 Scale: AS SHOWN

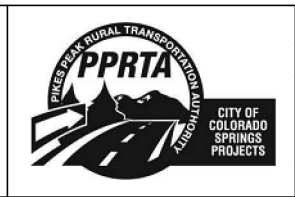
REVISIONS		
No.	Description	Date
3	Addendum 3	02-21-13
5	REVISION NO. 1	04-08-13

**STATEMENT:**  
 THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: NAB  
 CHECKED BY: MAK

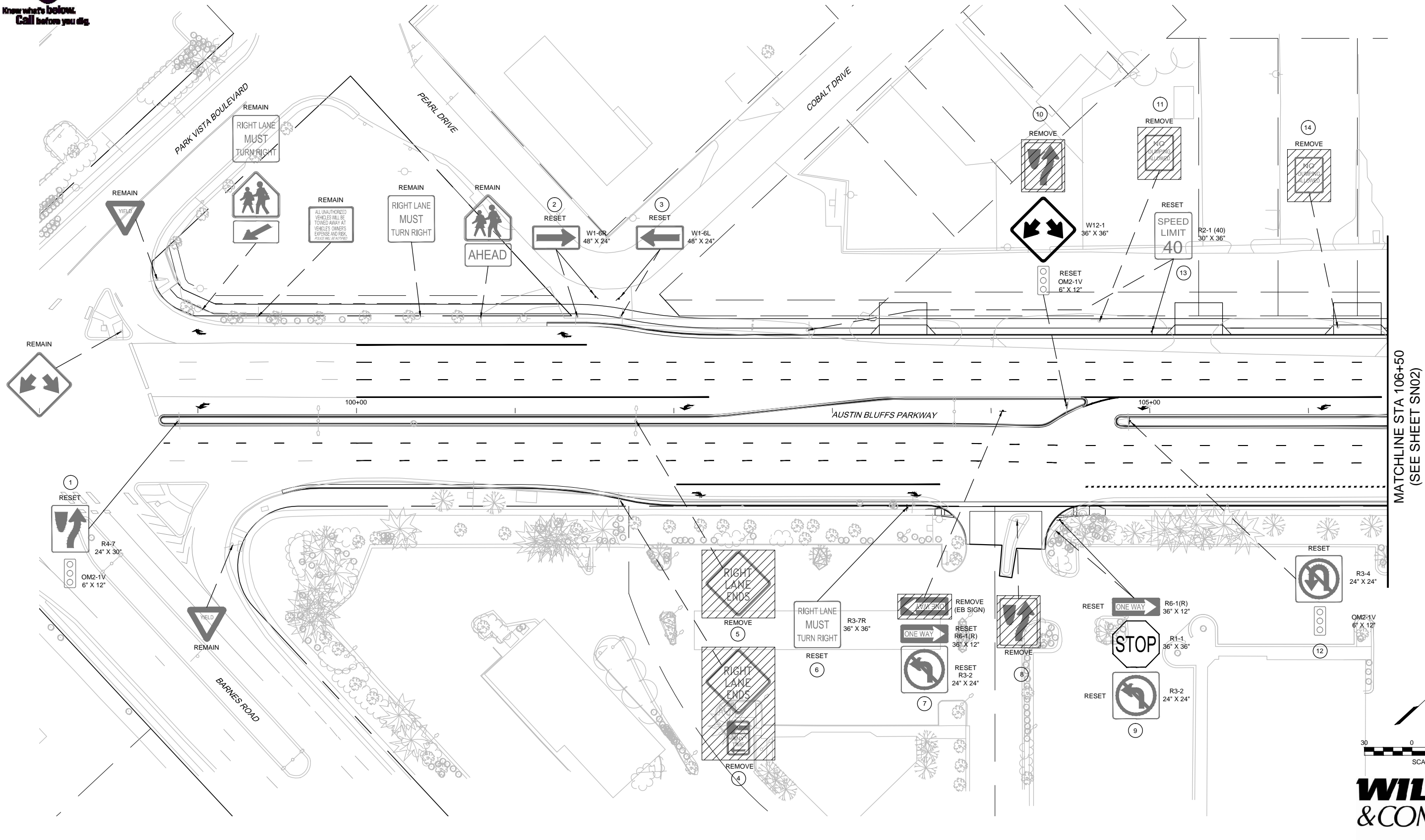
**RFP Set**



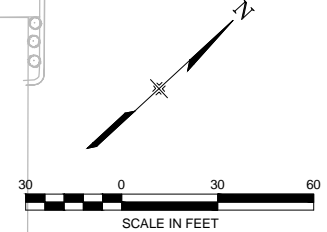
AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
TRAFFIC SIGNAL PLAN			
AUSTIN BLUFFS PKWY & ORO BLANCO DR			
Subset:	SG	Subset Sheets:	SG03 of SG03
			Sheet No: 779



Know what's below.  
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MATCHLINE STA 106+50  
(SEE SHEET SN02)



**WILSON & COMPANY**

PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	05/13/11
Last Modification Date:	01/11/12
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
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Acad Ver.	2011
Scale:	AS SHOWN

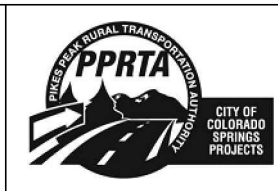
REVISIONS		
No.	Description	Date

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2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: NAB  
DRAWN BY: NAB  
CHECKED BY: MAK

**RFP Set**



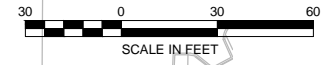
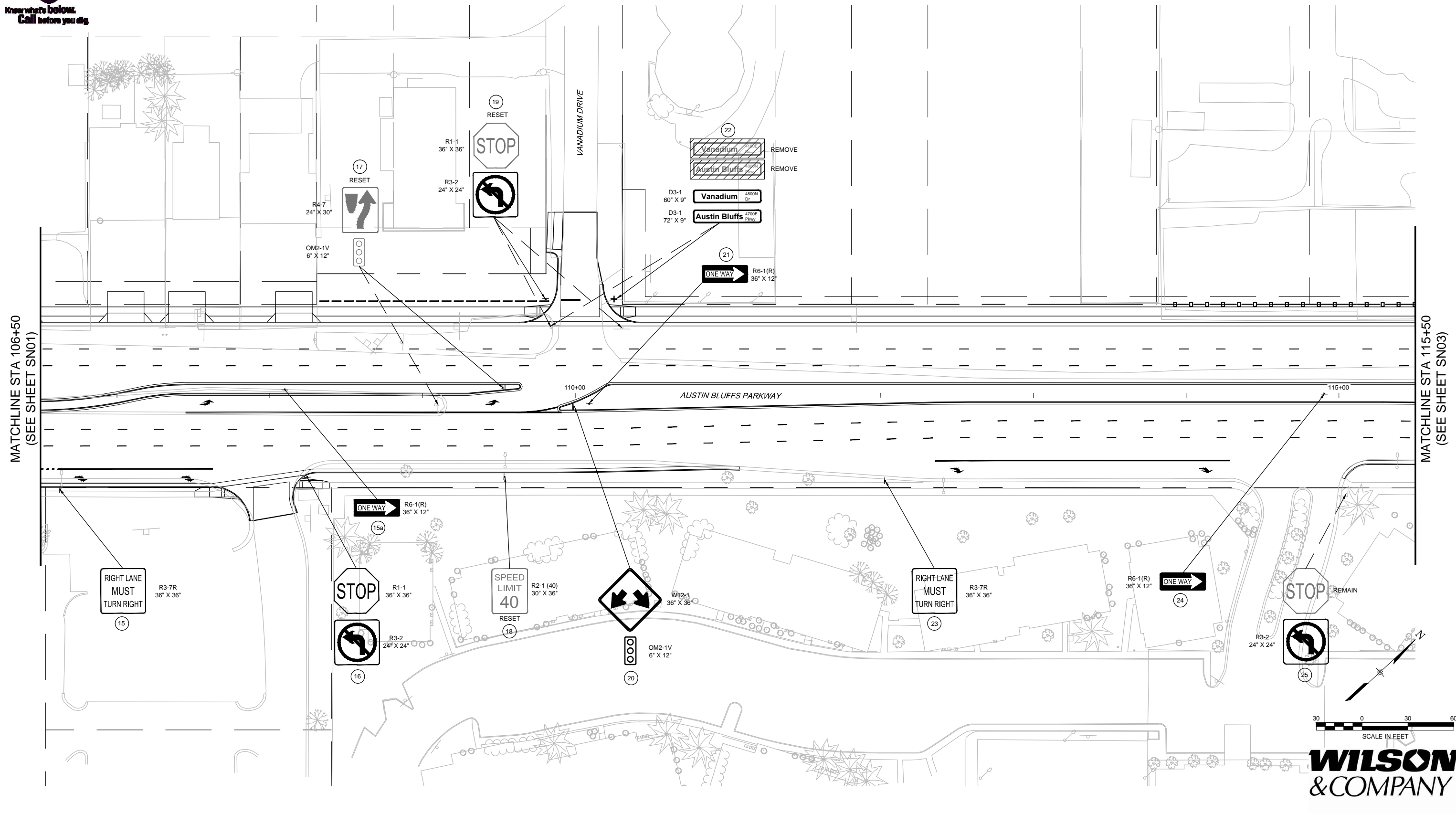
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
SIGNING PLAN		
STS. 97+50 TO STA. 105+50		
Subset:	SN	Subset Sheets: SN01 of SN05
Sheet No:	780	



Know what's below.  
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MATCHLINE STA 106+50  
(SEE SHEET SN01)

MATCHLINE STA 115+50  
(SEE SHEET SN03)



**WILSON & COMPANY**

PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	05/13/11 Initials: MAK
Last Modification Date:	01/11/13 Initials: MAK
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Acad Ver.	2011 Scale: AS SHOWN

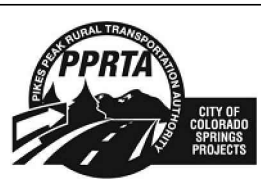
REVISIONS		
No.	Description	Date

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 719.575.0100

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 CHECKED BY: MAK

**RFP Set**

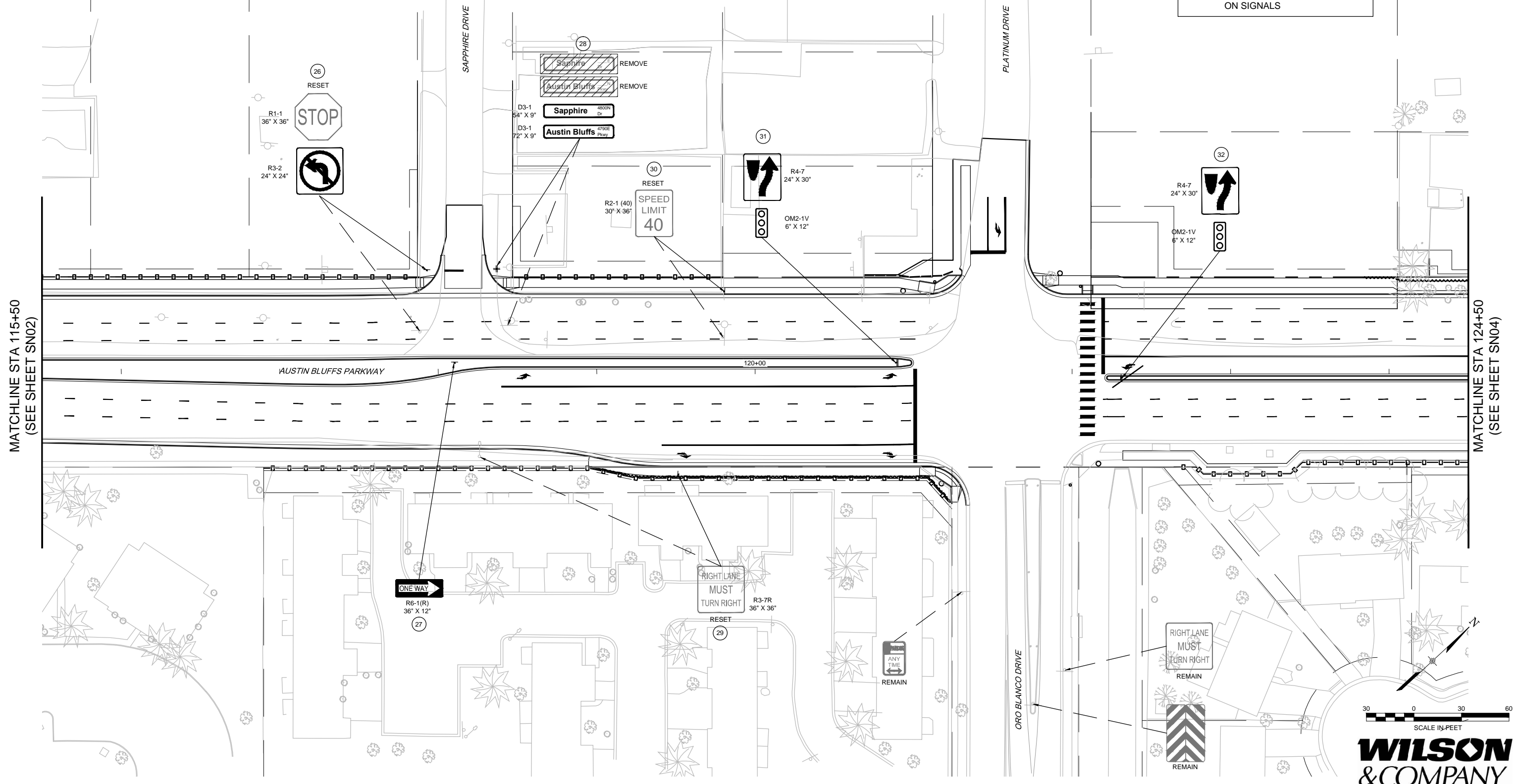


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
SIGNING PLAN		
STA. 106+50 TO STA. 115+50		
Subset:	SN	Subset Sheets: SN02 of SN05 Sheet No: 781



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NOTE: REFER TO SIGNAL PLANS FOR  
ADDITIONAL SIGNS MOUNTED  
ON SIGNALS



MATCHLINE STA 115+50  
(SEE SHEET SN02)

MATCHLINE STA 124+50  
(SEE SHEET SN04)

PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION	
Creation Date:	05/13/11 Initials: MAK
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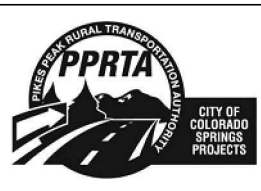
REVISIONS		
No.	Description	Date

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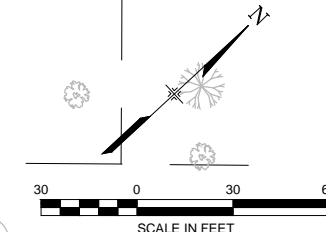
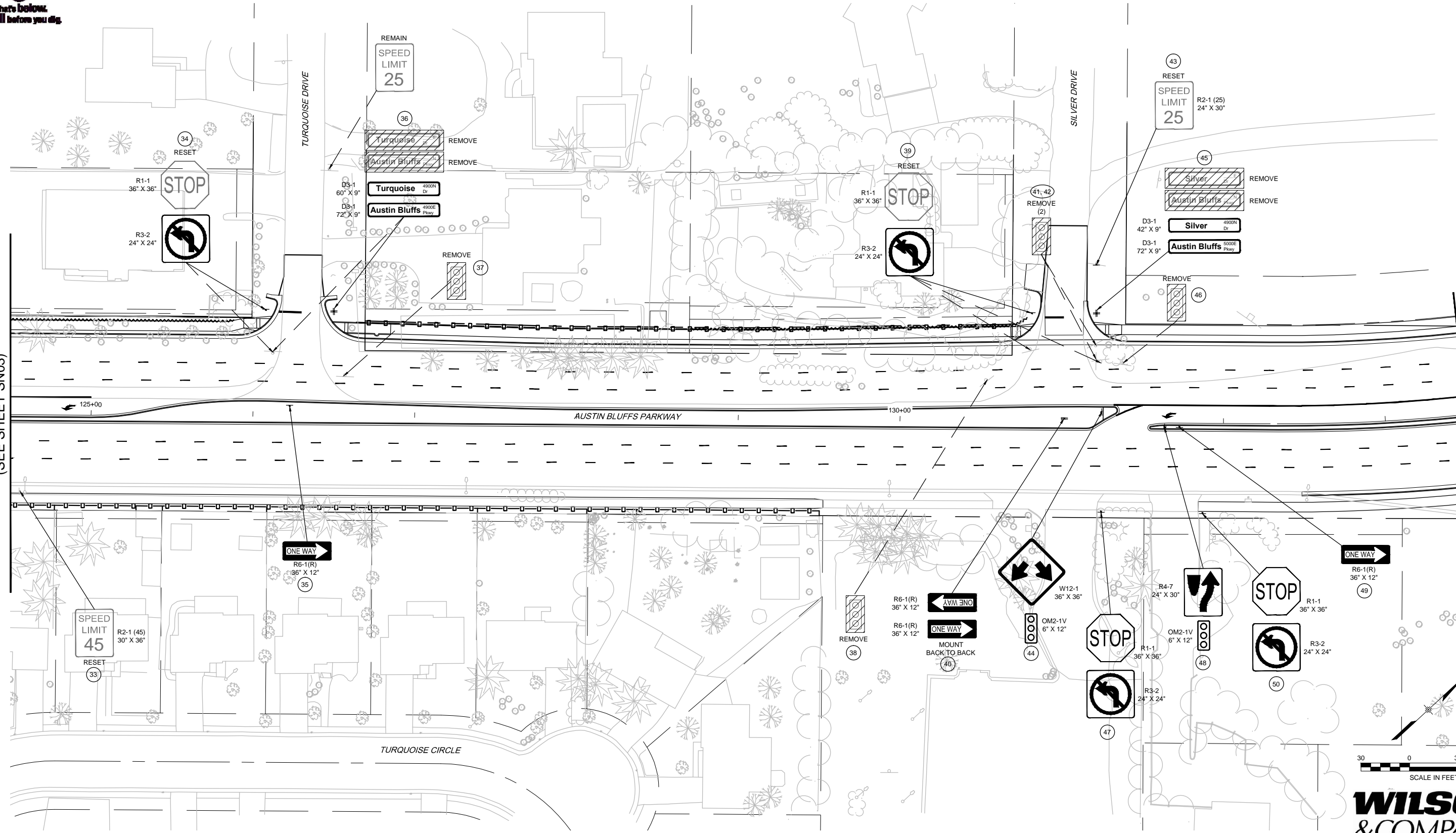
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
SIGNING PLAN		
STA. 115+50 TO STA. 124+50		
Subset:	SN	Subset Sheets: SN03 of SN05 Sheet No: 782



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MATCHLINE STA 124+50  
(SEE SHEET SN03)

MATCHLINE STA 133+50  
(SEE SHEET SN05)



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PLOT DATE: 1/11/2013

COMPUTER FILE INFORMATION	
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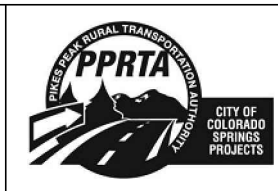
REVISIONS		
No.	Description	Date

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DESIGNED BY: NAB  
 DRAWN BY: MAB  
 CHECKED BY: MAK

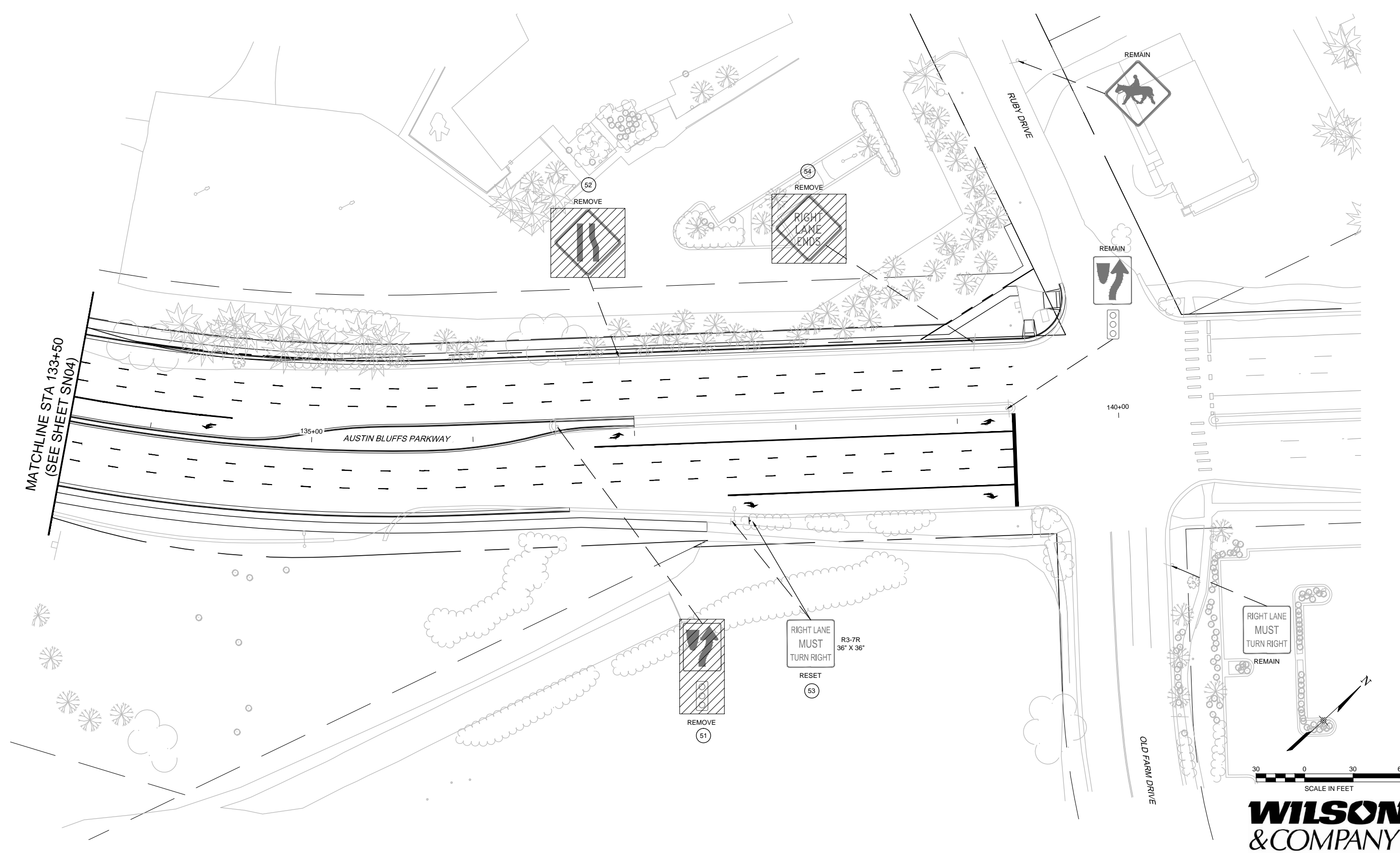
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
SIGNING PLAN		
STA. 124+50 TO STA. 133+50		
Subset:	SN	Subset Sheets: SN04 of SN05 Sheet No: 783



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Creation Date:	05/13/11
Last Modification Date:	01/10/13
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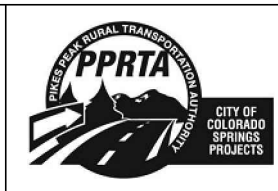
REVISIONS		
No.	Description	Date

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CHECKED BY: MAK

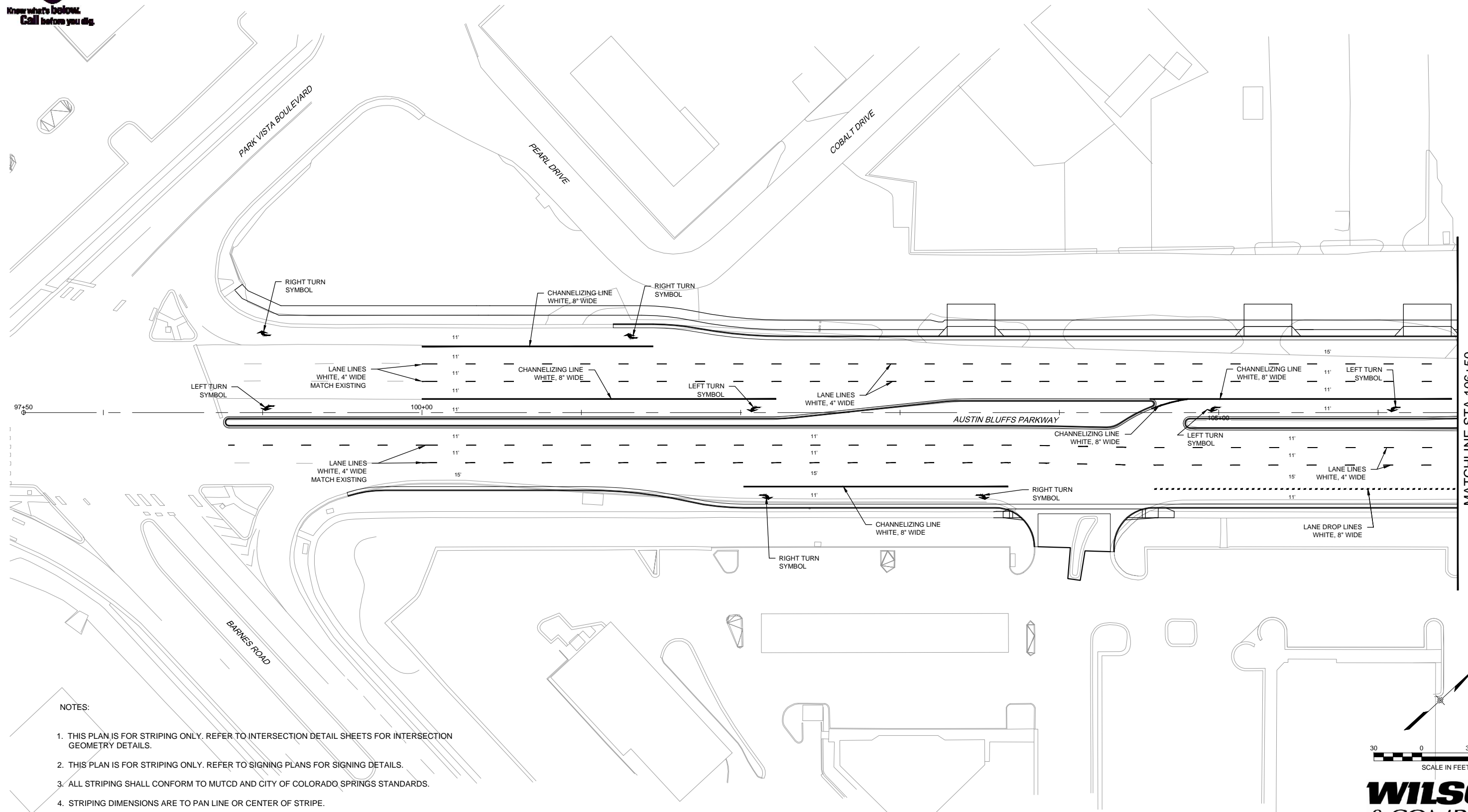
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
SIGNING PLAN		
STA. 133+50 TO STA. 140+00		
Subset:	SN	Subset Sheets: SN05 of SNO5
Sheet No:	784	



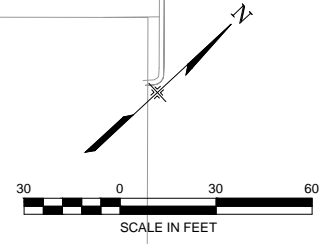
Know what's below.  
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MATCHLINE STA 106+50  
(SEE SHEET ST02)

NOTES:

1. THIS PLAN IS FOR STRIPING ONLY. REFER TO INTERSECTION DETAIL SHEETS FOR INTERSECTION GEOMETRY DETAILS.
2. THIS PLAN IS FOR STRIPING ONLY. REFER TO SIGNING PLANS FOR SIGNING DETAILS.
3. ALL STRIPING SHALL CONFORM TO MUTCD AND CITY OF COLORADO SPRINGS STANDARDS.
4. STRIPING DIMENSIONS ARE TO PAN LINE OR CENTER OF STRIPE.
5. USE NARROW ELONGATED ARROW OPTION.



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PLOT DATE: 1/10/2013

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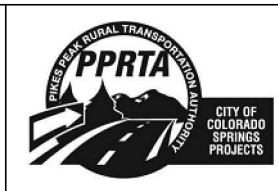
REVISIONS		
No.	Description	Date

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Colorado Springs, CO 80920  
719.575.0100

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CHECKED BY: MAK

**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
PAVEMENT MARKING PLAN			
STA. 97+50 TO STA. 106+50			
Subset:	ST	Subset Sheets:	ST01 of ST05 Sheet No: 785

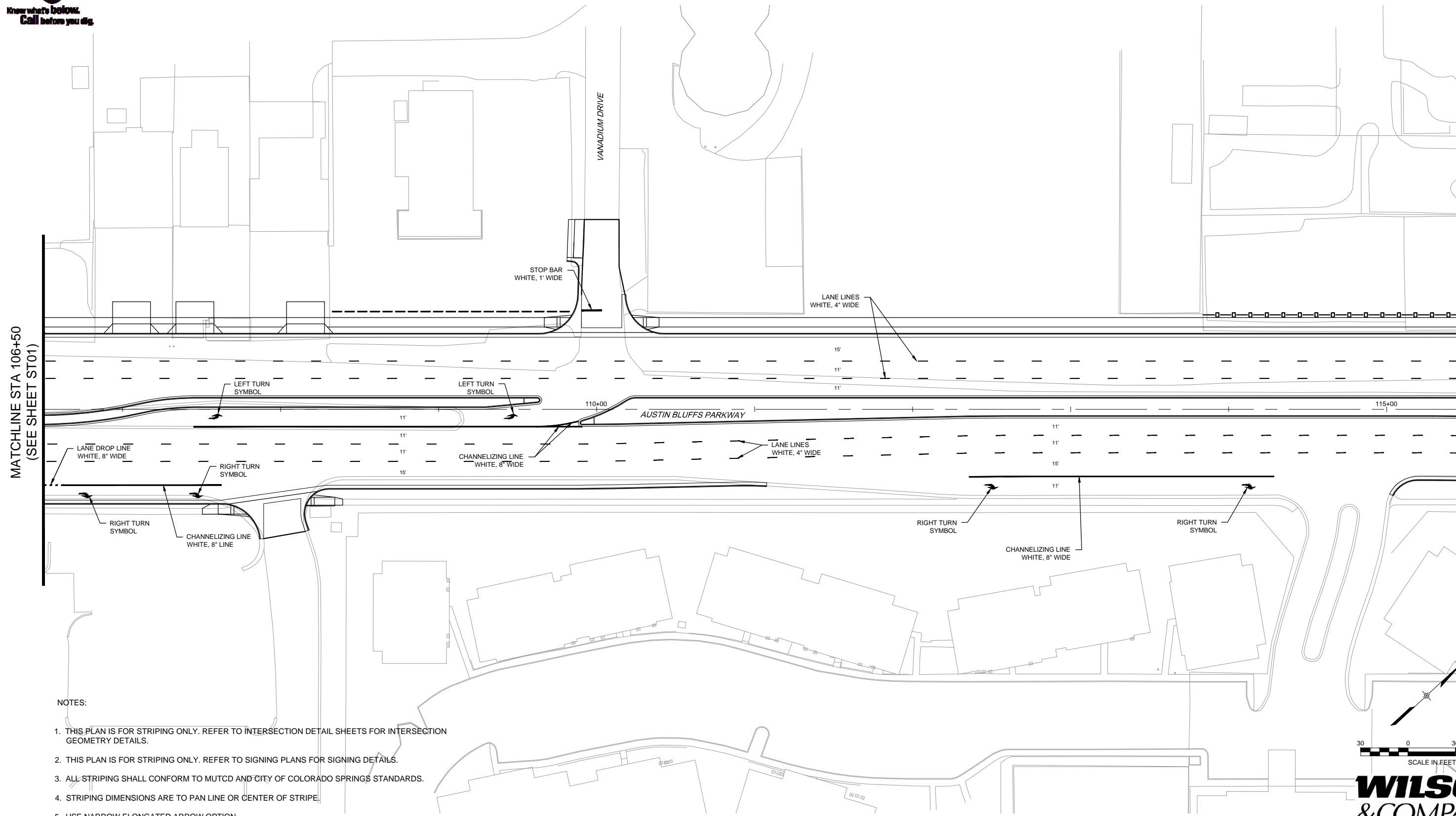




Know what's below.  
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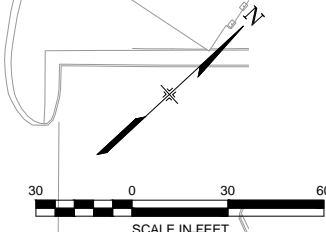
MATCHLINE STA 106+50  
(SEE SHEET ST01)

MATCHLINE STA 115+50  
(SEE SHEET ST03)



NOTES:

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PLOT DATE: 1/10/2013

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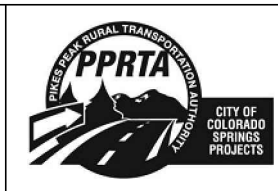
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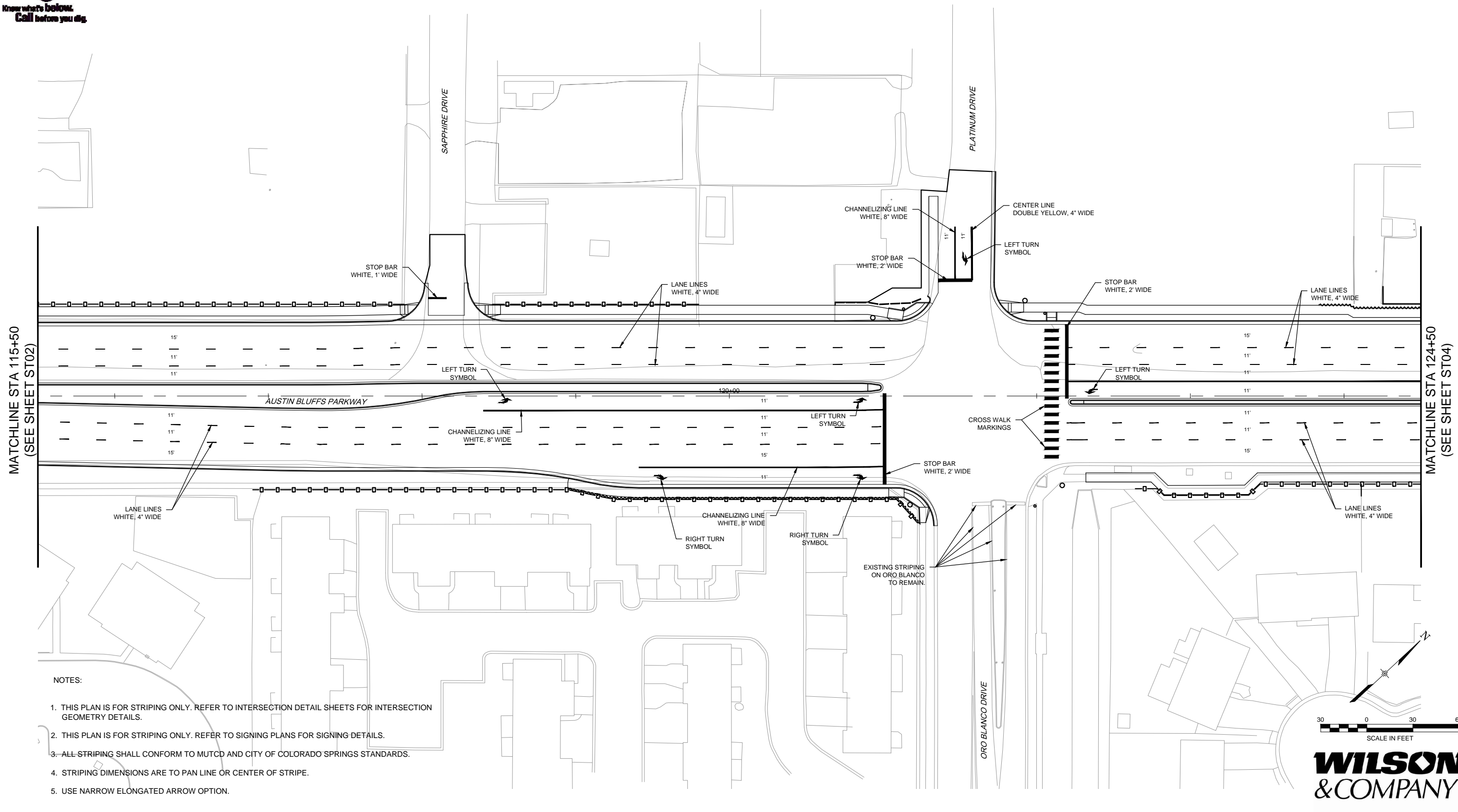
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
PAVEMENT MARKING PLAN			
STA. 106+50 TO STA. 115+50			
Subset:	ST	Subset Sheets:	ST02 of ST05
Sheet No:		786	

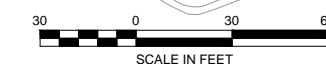


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NOTES:

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PLOT DATE: 1/10/2013

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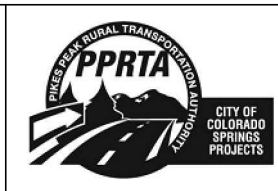
REVISIONS		
No.	Description	Date

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CHECKED BY: MAK

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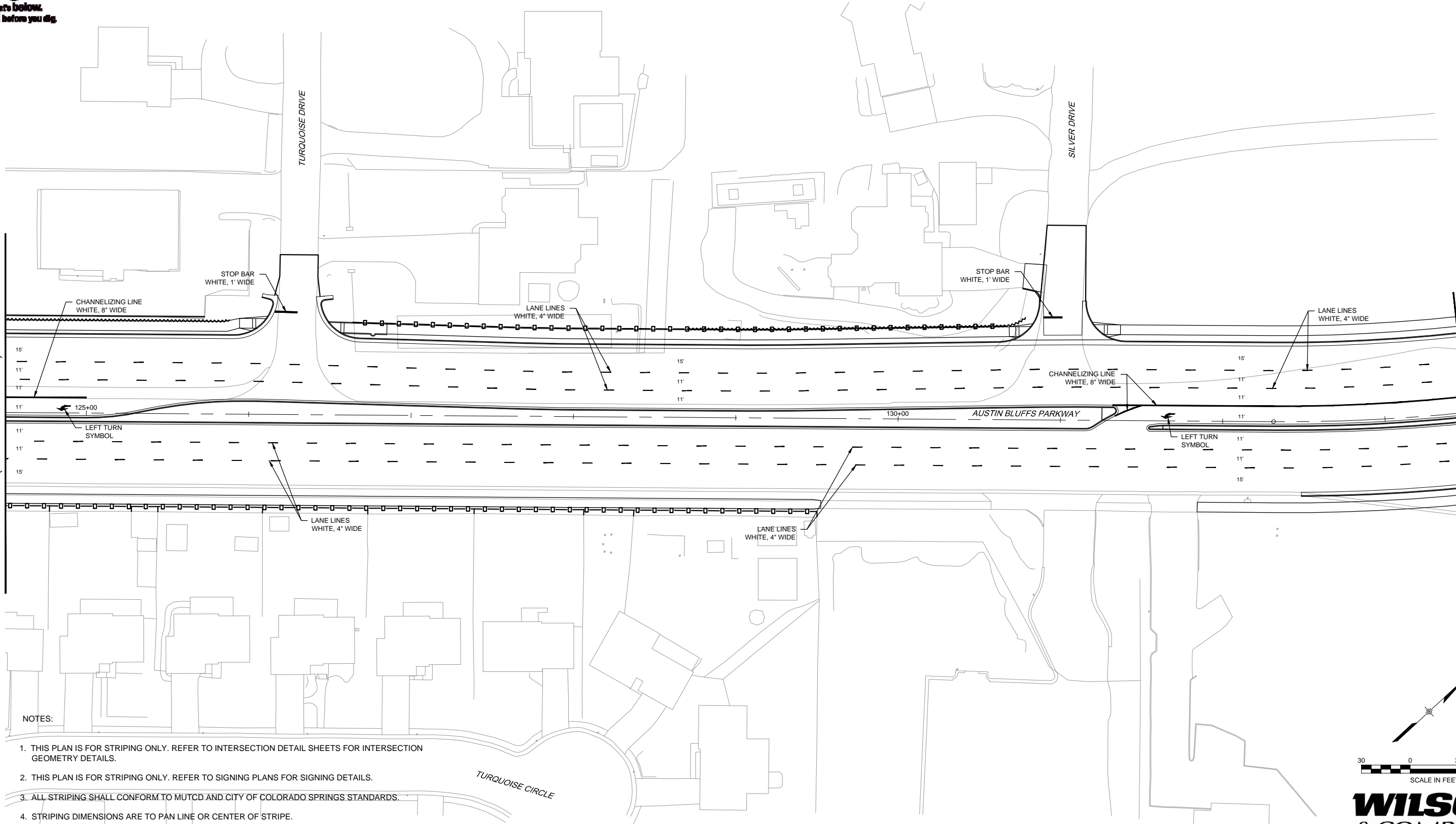
AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
PAVEMENT MARKING PLAN			
STA. 115+50 TO STA. 124+50			
Subset:	ST	Subset Sheets:	ST03 of ST05
Sheet No:		787	



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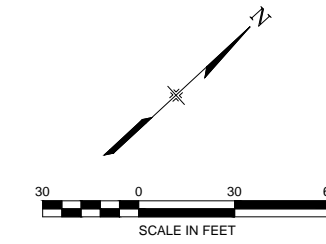
MATCHLINE STA 124+50  
(SEE SHEET ST03)

MATCHLINE STA 133+50  
(SEE SHEET ST05)



NOTES:

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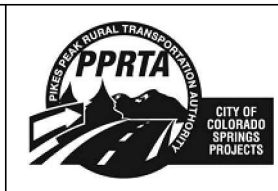
REVISIONS		
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DESIGNED BY: NAB  
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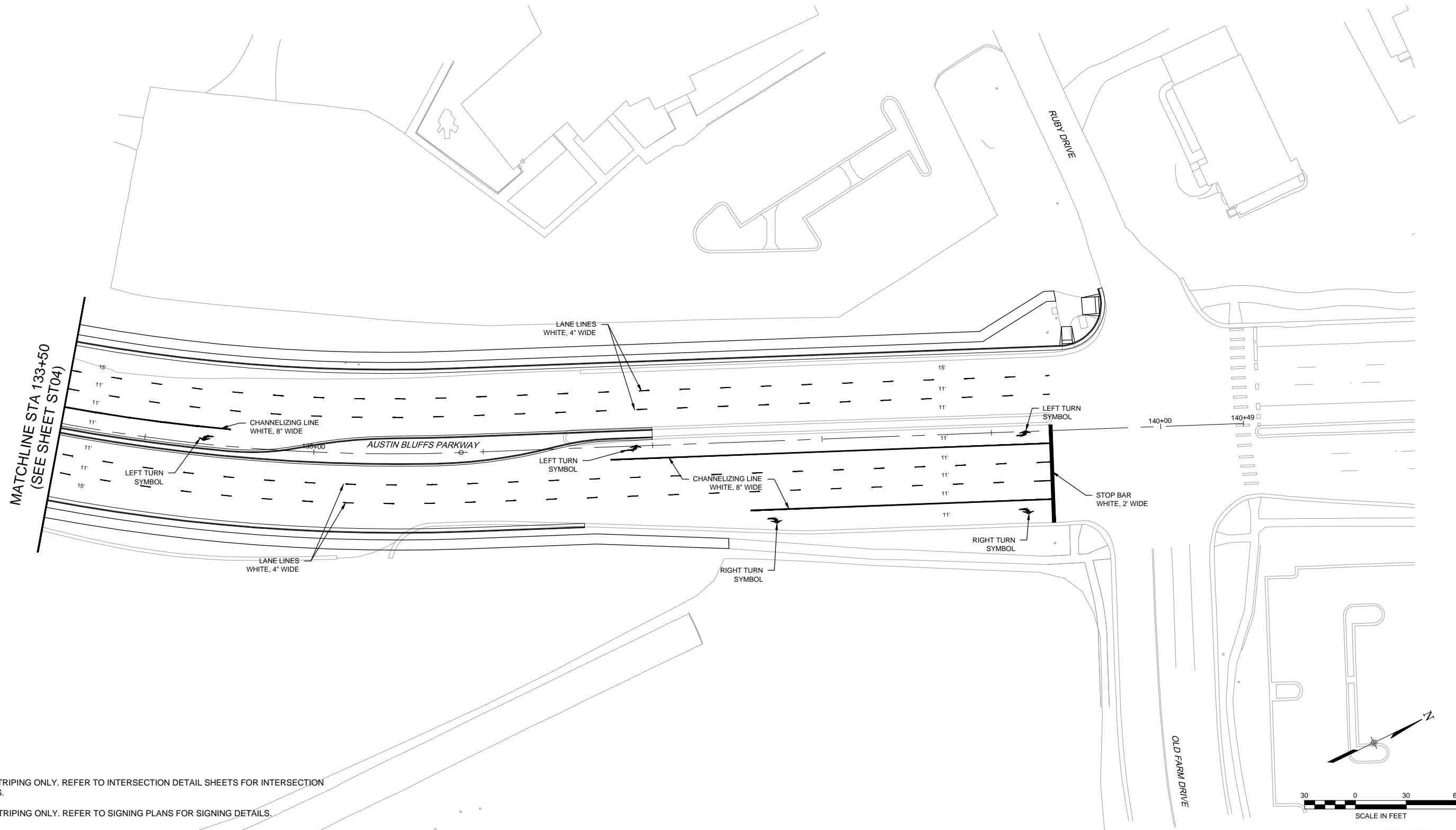
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
PAVEMENT MARKING PLAN			
STA. 124+50 TO STA. 133+50			
Subset:	ST	Subset Sheets:	ST04 of ST05
Sheet No:		788	

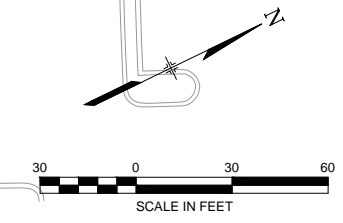


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**WILSON & COMPANY**

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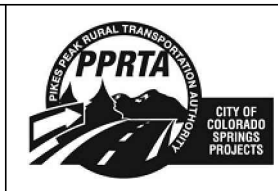
REVISIONS		
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 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY: NAB  
 DRAWN BY: MAB  
 CHECKED BY: MAK

**RFP Set**



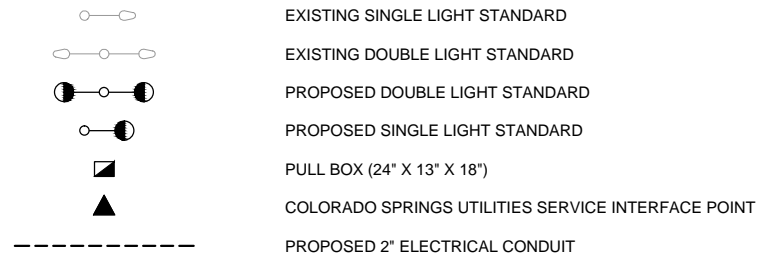
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Segment 3 - Barnes Rd. to Old Farm Dr.			
PAVEMENT MARKING PLAN			
STA. 133+50 TO STA. 140+49			
Subset:	ST	Subset Sheets:	ST05 of ST05
Sheet No:		789	



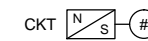
**GENERAL NOTES:**

- COORDINATE POLE, FOUNDATION, POWER SOURCES AND CONDUIT LOCATIONS WITH ALL OTHER DISCIPLINES, COLORADO SPRINGS UTILITIES AND EXISTING CONDITIONS.
- ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES AND STANDARDS, INCLUDING BUT NOT LIMITED TO THE 2011 NATIONAL ELECTRICAL CODE AND COLORADO SPRINGS UTILITY STANDARDS.
- REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY, PRIOR TO INSTALLATION.
- COORDINATE CONSTRUCTION SEQUENCE WITH ALL DISCIPLINES.
- PROVIDE HEAVY DUTY WEATHER-TIGHT JUNCTION AND PULL BOXES AS REQUIRED FOR CONDUCTOR PULLING AND SPLICING.
- COLORADO SPRINGS UTILITIES SHALL PROVIDE TRANSFORMER. CONTRACTOR SHALL FURNISH AND INSTALL TRANSFORMER SECONDARY OVERCURRENT PROTECTION AND ALL CONDUIT AND WIRING ON LOAD SIDE OF TRANSFORMER SECONDARY OVERCURRENT PROTECTIVE DEVICE INCLUDING THE CONNECTION TO SECONDARY OVERCURRENT PROTECTIVE DEVICE, AS SHOWN.
- ALL LUMINAIRES, POLES AND BASES SHALL MEET COLORADO SPRINGS UTILITIES STANDARD SPECIFICATIONS.
- COORDINATE EXACT LOCATION OF TRANSFORMER AND POINT OF SERVICE WITH COLORADO SPRINGS UTILITIES.
- FIXTURE STANDARDS SHALL BE LOCATED BY STATION AND OFFSET AS SHOWN ON PLANS. FOUNDATION TOP ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR. TOP OF FOUNDATION SHALL BE 2 INCHES ABOVE THE FINISHED GRADE.
- THE ENGINEER SHALL COORDINATE THE REVIEW OF LIGHTING MATERIALS WITH J.C. BUTTERFIELD (719) 668-5638.
- CONTRACTOR SHALL COORDINATE FINAL LOCATION, CONDUIT ROUTING AND PULL BOX LOCATIONS TO STAY WITHIN PROJECT RIGHT-OF-WAY LINES.
- CONTRACTOR IS RESPONSIBLE FOR MAKING ALL DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERE TO.
- ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. ACTUAL CONDUIT ROUTING WILL BE DETERMINED IN THE FIELD BY THE ENGINEER AND THE CONTRACTOR.
- FOUNDATIONS - FOLLOW COLORADO SPRINGS UTILITIES STANDARDS EITHER PRE-CAST OR SCREW IN BASE.

**LEGEND**



**CIRCUIT CALLOUTS**



CKT : CIRCUIT NO.  
 N : NUMBER OF PHASE CONDUCTORS  
 S : SIZE OF CONDUCTOR  
 # : CONDUIT SIZE

FINAL LIGHT STANDARD LOCATIONS AND SPACINGS, POWER CONNECTION LOCATION & DETAILS TO BE DETERMINED BY COLORADO SPRINGS UTILITIES.

**LUMINAIRE SCHEDULE**

TYPE	LAMP	VOLTAGE	DESCRIPTION	ITEM NO.	MOUNTING
A	250 - WATT HPS	240	COBRA HEAD HIGH PRESSURE SODIUM FULL CUTOFF LUMINAIRE ON 30' POLE, WITH SYMMETRIC IES TYPE III CUTOFF DISTRIBUTION	CSU 195 - 452 - 146	POLE MOUNT 30' SINGLE OR DOUBLE DAVIT

**POLE SCHEDULE**

TYPE	POLE	ARM	DESCRIPTION	ITEM NO.	MOUNTING
1	30' SINGLE DAVIT	10'	30' MOUNTING HEIGHT WITH 10' BRACKET ARM COLOR - CSU STANDARD SPUN ALUMINUM	CONFIRM WITH CSU	CSU AASHTO 85 BASE
1	30' DOUBLE DAVIT	TWIN-10'	30' MOUNTING HEIGHT WITH 6' BRACKET ARM COLOR - CSU STANDARD SPUN ALUMINUM	CONFIRM WITH CSU 195 - 500 - 341	CSU AASHTO 85 BASE



PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION		REVISIONS		STATEMENT:		AUSTIN BLUFFS PARKWAY		
Creation Date:	10/01/12	Initials:	SPW	No.	Description	Date	Segment 3 - Barnes Rd. to Old Farm Dr.	
Last Modification Date:	01/16/13	Initials:	NAB				LIGHTING NOTES AND LEGEND	
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\							
Drawing File Name:	LT01-LT06.dwg							
Acad Ver.	2011	Scale:	AS SHOWN				Subset:	LT
						Subset Sheets:	LT01 of LT06	
						Sheet No:	790	

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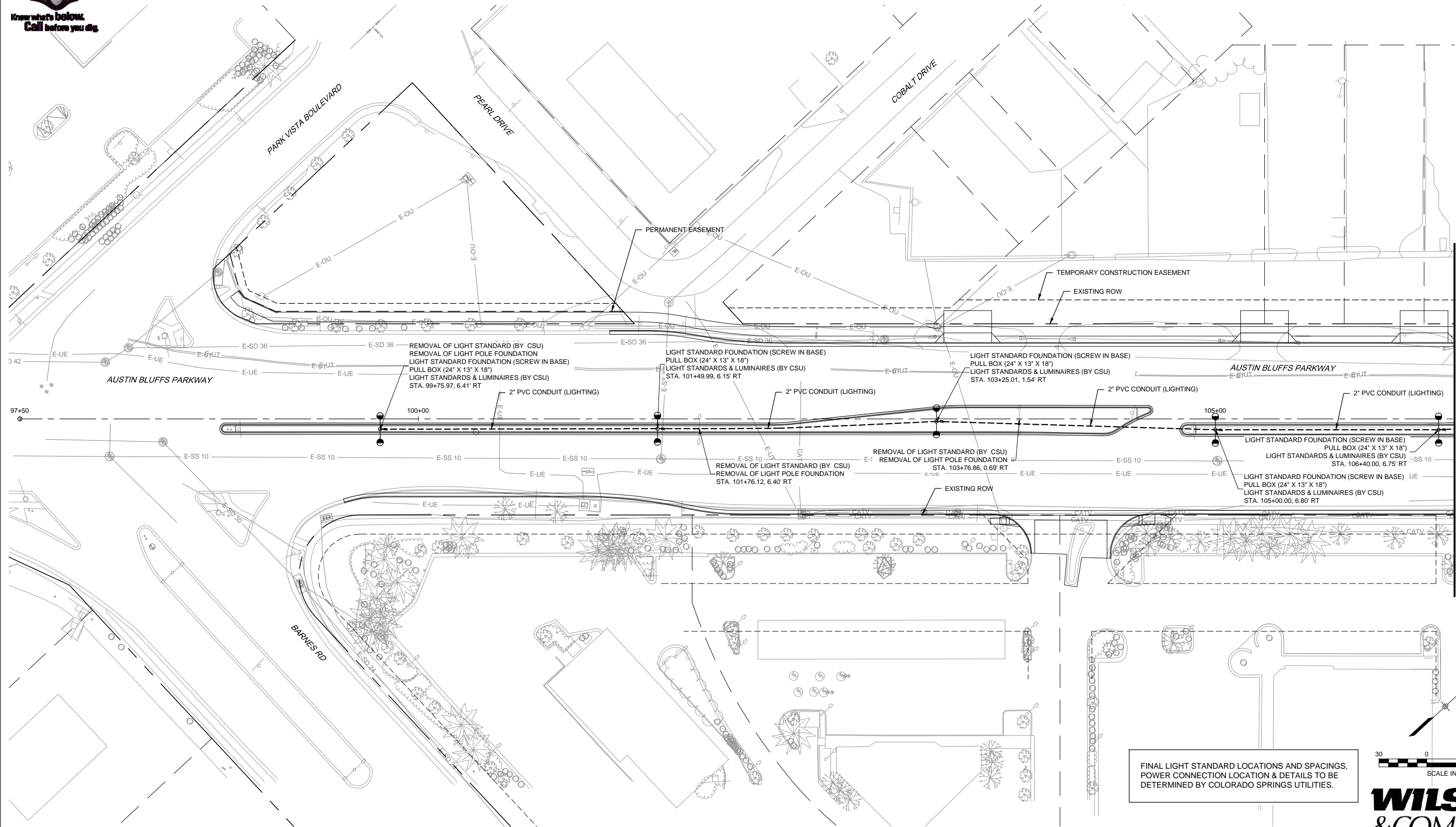


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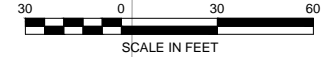


Know what's below.  
Call before you dig.



MATCHLINE STA 106+50  
(SEE SHEET LT03)

FINAL LIGHT STANDARD LOCATIONS AND SPACINGS,  
POWER CONNECTION LOCATION & DETAILS TO BE  
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**WILSON & COMPANY**

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	10/01/12 Initials: SPW
Last Modification Date:	01/16/13 Initials: NAB
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Acad Ver.	2011 Scale: AS SHOWN

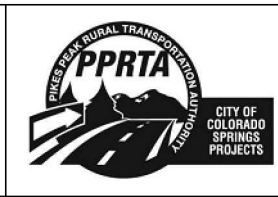
REVISIONS		
No.	Description	Date

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DRAWN BY: NAB  
CHECKED BY: TDS

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
LIGHTING PLAN		
STA 97+50 TO STA 106+50		
Subset:	LT	Subset Sheets: LT02 of LT06 Sheet No: 791



Know what's below.  
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MATCHLINE STA 106+50  
(SEE SHEET LT02)

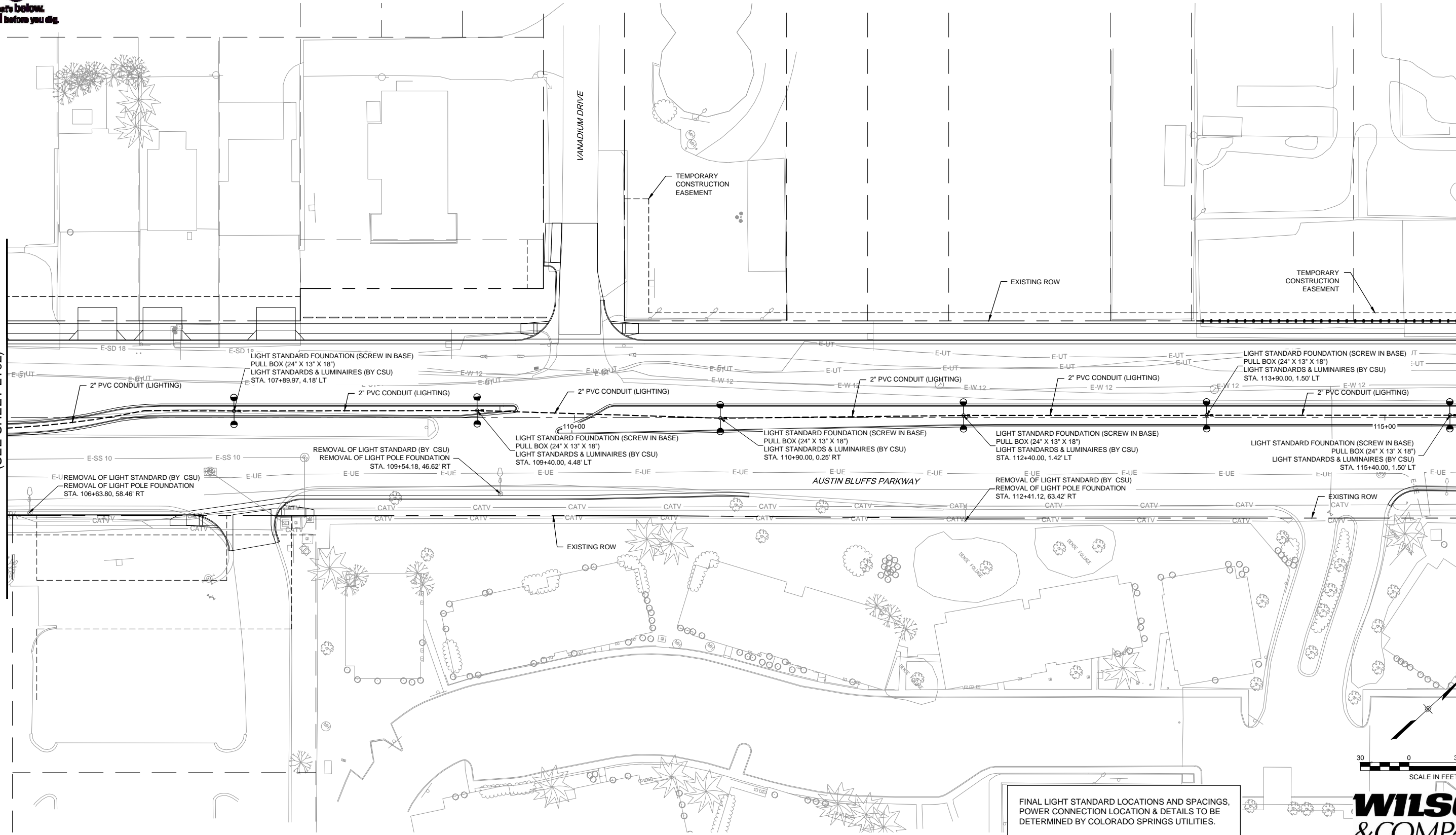
MATCHLINE STA 115+50  
(SEE SHEET LT04)

VANADIUM DRIVE

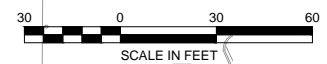
TEMPORARY CONSTRUCTION EASEMENT

EXISTING ROW

TEMPORARY CONSTRUCTION EASEMENT



FINAL LIGHT STANDARD LOCATIONS AND SPACINGS, POWER CONNECTION LOCATION & DETAILS TO BE DETERMINED BY COLORADO SPRINGS UTILITIES.



**WILSON & COMPANY**

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	10/01/12
Last Modification Date:	01/16/13
Full Path:	M:\TRN\09-100-305-00\CADD\SHEETS\
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Acad Ver.	2011

REVISIONS		
No.	Description	Date

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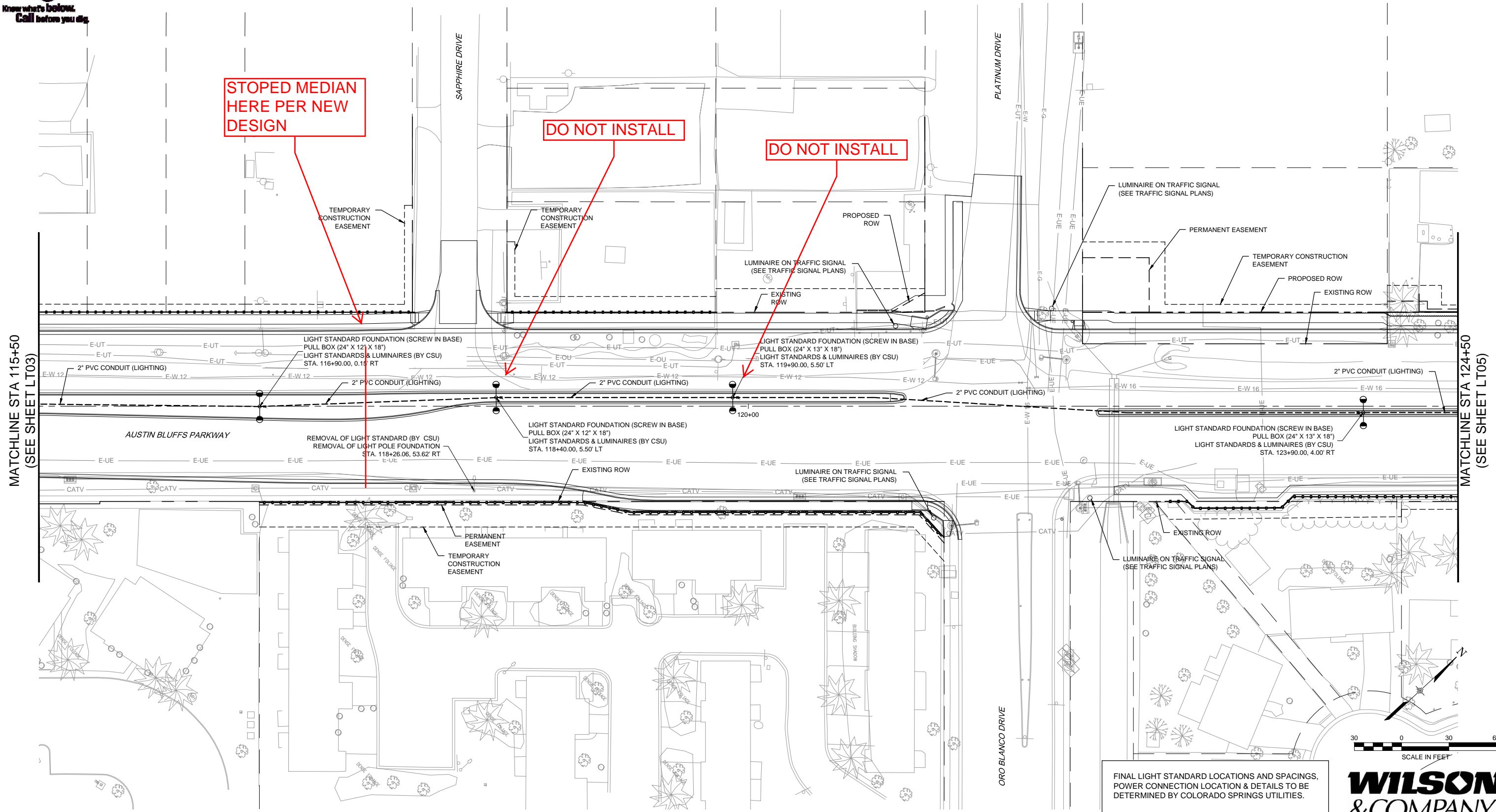
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
LIGHTING PLAN		
STA 106+50 TO STA 115+50		
Subset:	LT	Sheet No: 792
Subset Sheets:	LT03 of LT06	

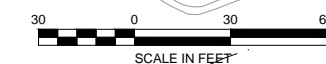


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MATCHLINE STA 115+50  
(SEE SHEET LT03)

MATCHLINE STA 124+50  
(SEE SHEET LT05)



FINAL LIGHT STANDARD LOCATIONS AND SPACINGS,  
POWER CONNECTION LOCATION & DETAILS TO BE  
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PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
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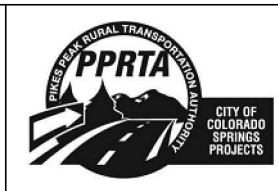
REVISIONS		
No.	Description	Date

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AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
LIGHTING PLAN		
STA 115+50 TO STA 124+50		
Subset:	LT	Subset Sheets: LT04 to LT06 Sheet No: 793

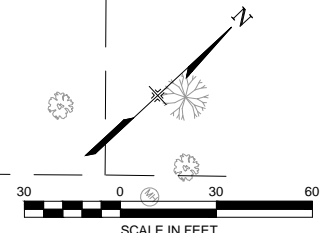
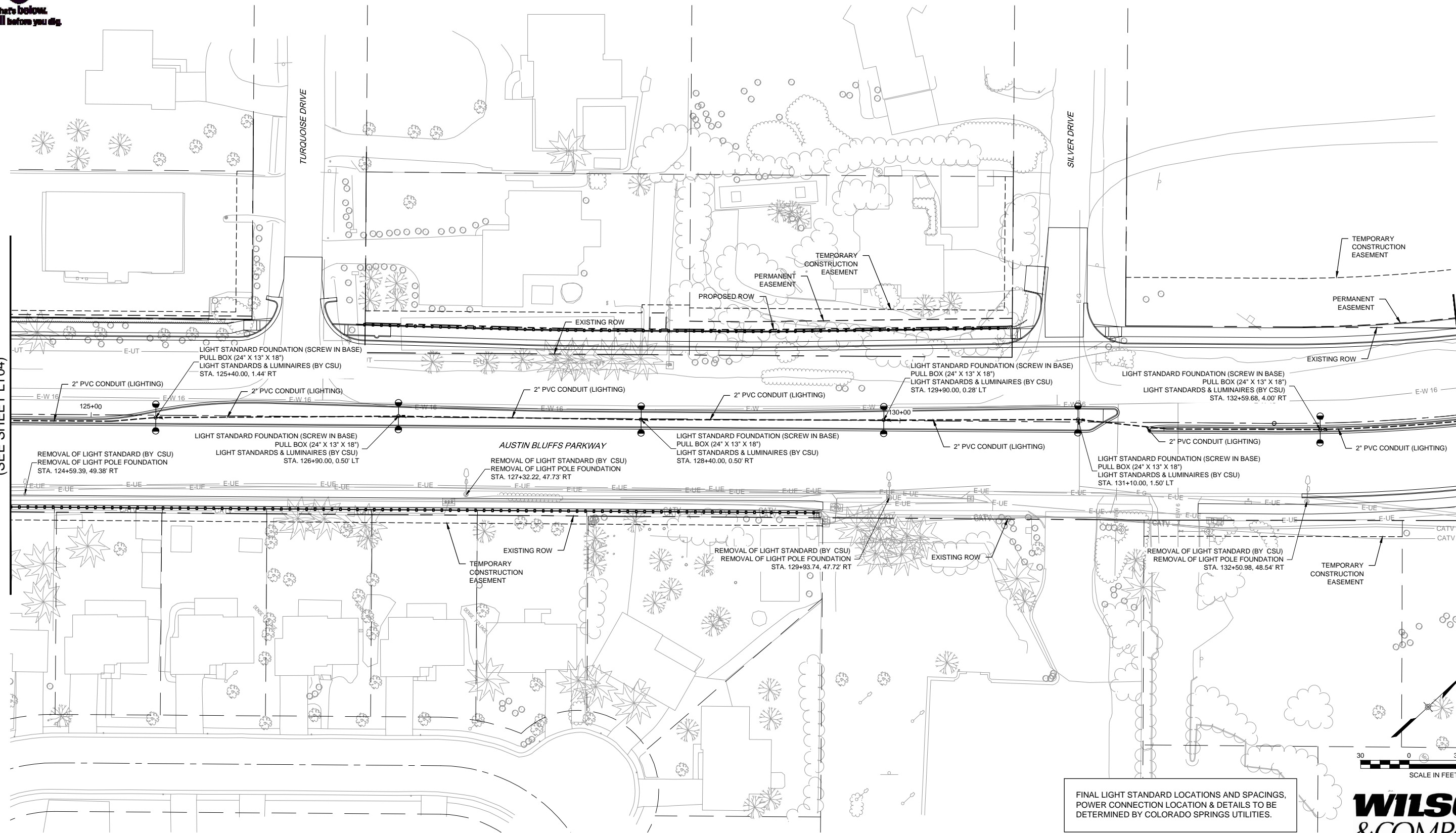




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MATCHLINE STA 124+50  
(SEE SHEET LT04)

MATCHLINE STA 133+50  
(SEE SHEET LT06)



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POWER CONNECTION LOCATION & DETAILS TO BE  
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PLOT DATE: 1/16/2013

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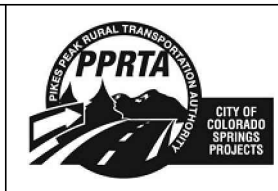
REVISIONS		
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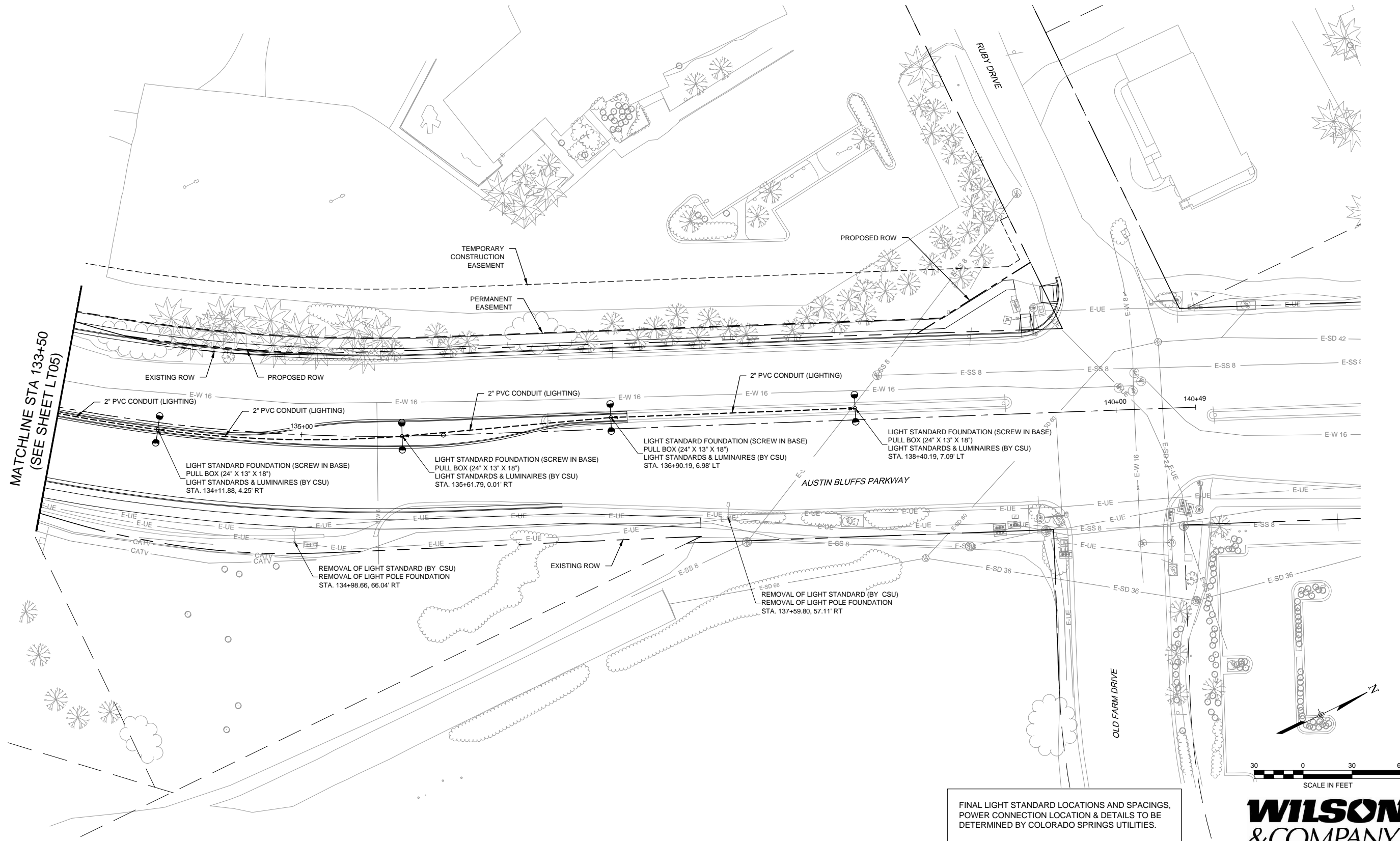
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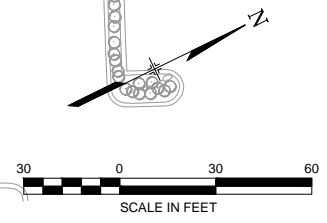
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
LIGHTING PLAN		
STA 124+50 TO STA 133+50		
Subset:	LT	Subset Sheets: LT05 of LT06 Sheet No: 794



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Creation Date:	10/01/12 Initials: SPW
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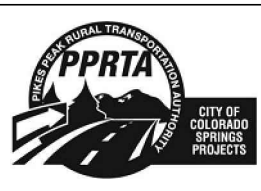
REVISIONS		
No.	Description	Date

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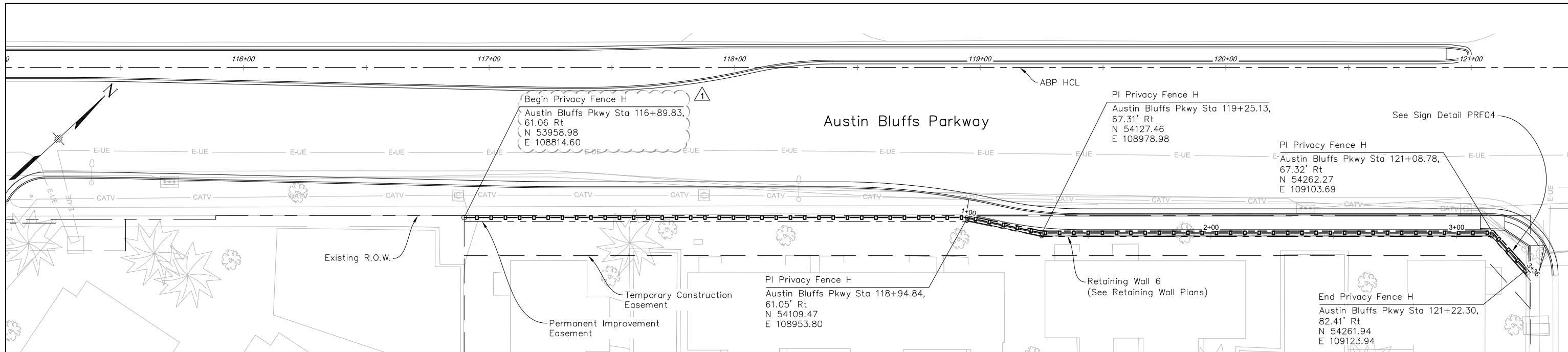
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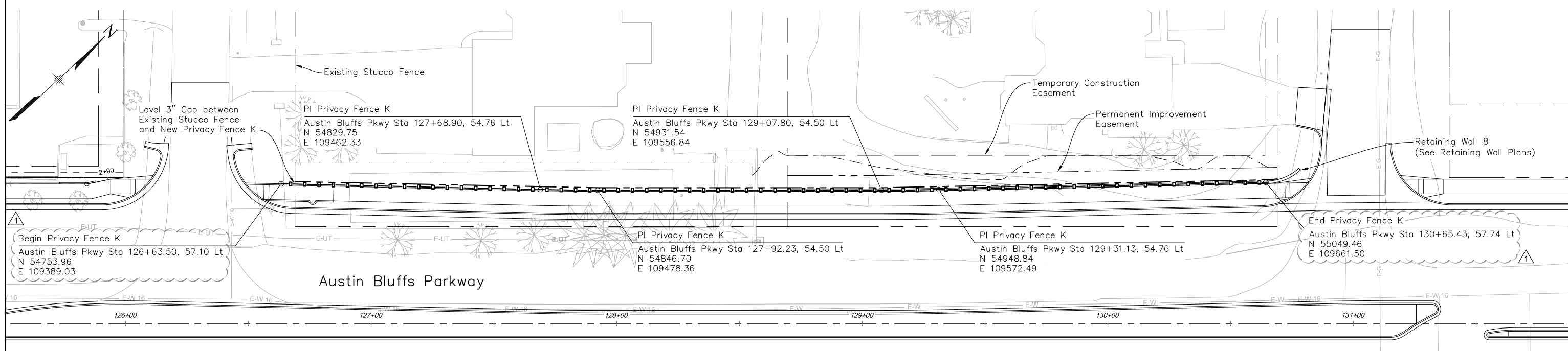
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
LIGHTING PLAN			
STA 133+50 TO STA 140+48.82			
Subset:	LT	Subset Sheets:	LT06 to LT06 Sheet No: 795



PLAN - PRIVACY FENCE H



PLAN - PRIVACY FENCE K

**NOTE:**  
Privacy Fence H and Privacy Fence K shall be 6' Nominal Wall Height.

Scale: 1"=20'

PLOT DATE: 1/31/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/17/11
Last Modification Date:	January 2013
Full Path:	S:\12.069.024 Austin Bluffs Final\Drawg\Final\Segment 3\Structures\
Drawing File Name:	PRF01 Privacy Fence H & K.dwg
Acad Ver.	2012
Scale:	AS SHOWN

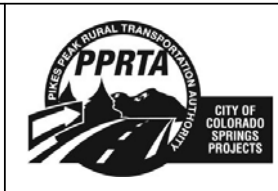
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No.	Description	Date
1	ADDENDUM NO. 1	02-01-13

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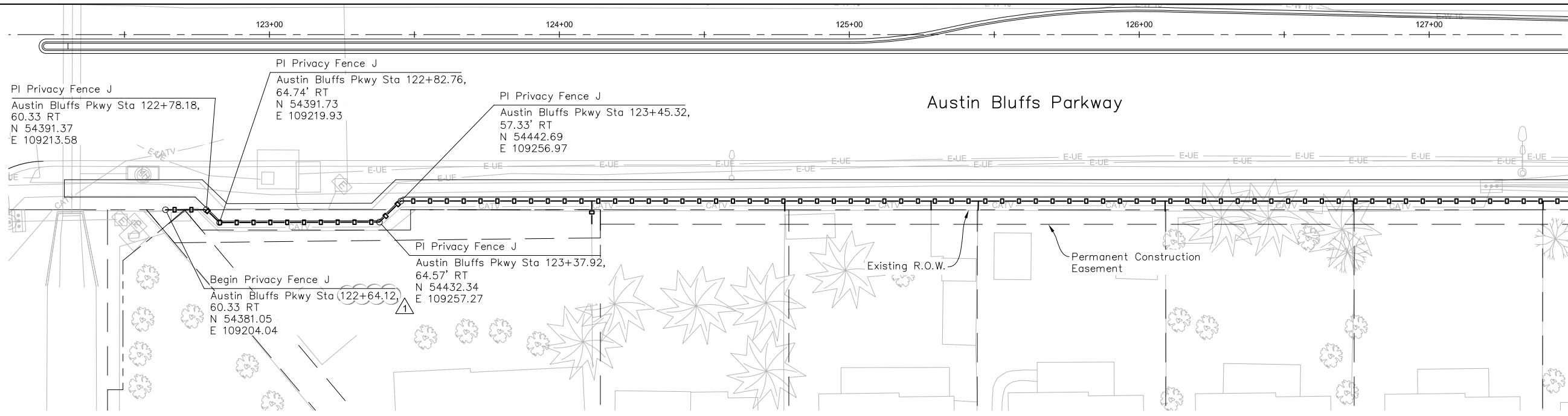
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DESIGNED BY: GLG  
DRAWN BY: KPS  
CHECKED BY: MJB

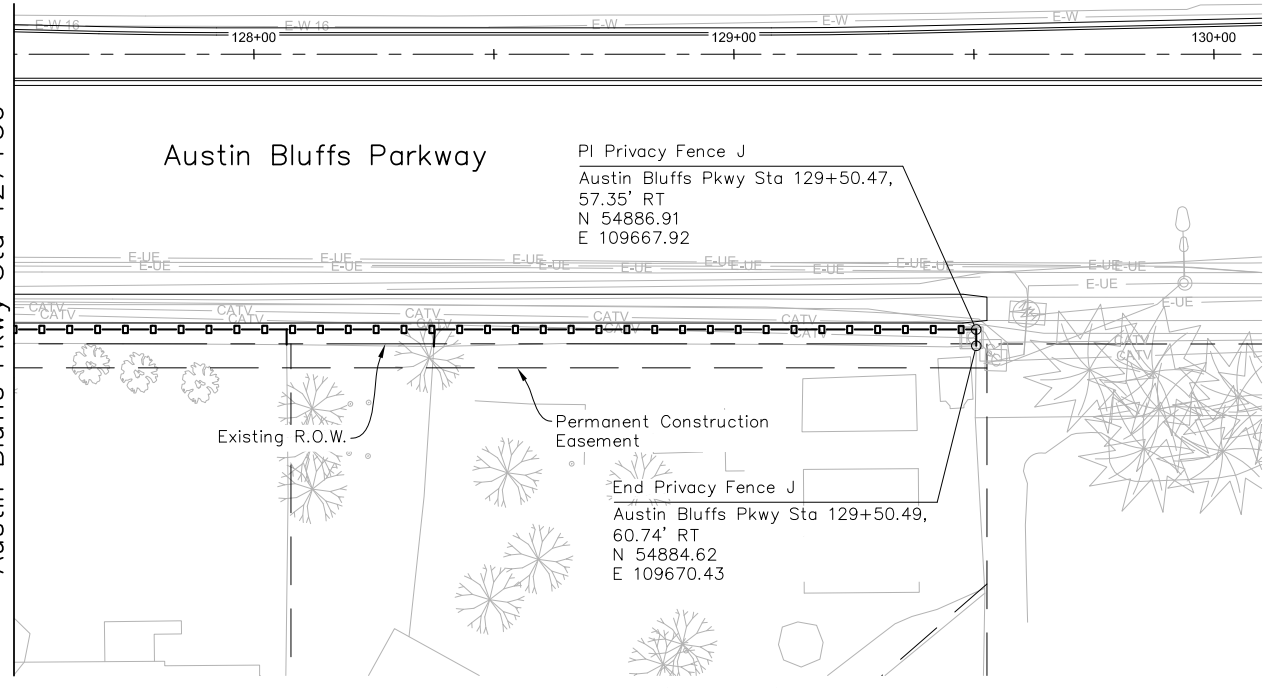
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
PRIVACY FENCES H AND K GENERAL LAYOUTS			
Subset:	PRF	Subset Sheets:	PRF01 of PRF03
Sheet No:	796		

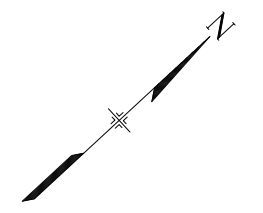


PLAN - PRIVACY FENCE J



PLAN - PRIVACY FENCE J

**NOTE:**  
Privacy Fence J shall be 8' Nominal Wall Height.



Scale: 1"=20'

Austin Bluffs Pkwy Sta 127+50

Austin Bluffs Sta Pkwy 127+50

PLOT DATE: 1/31/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/17/11
Last Modification Date:	January 2013
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Acad Ver.	2012

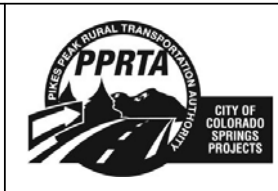
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No.	Description	Date
1	ADDENDUM NO. 1	02-01-13

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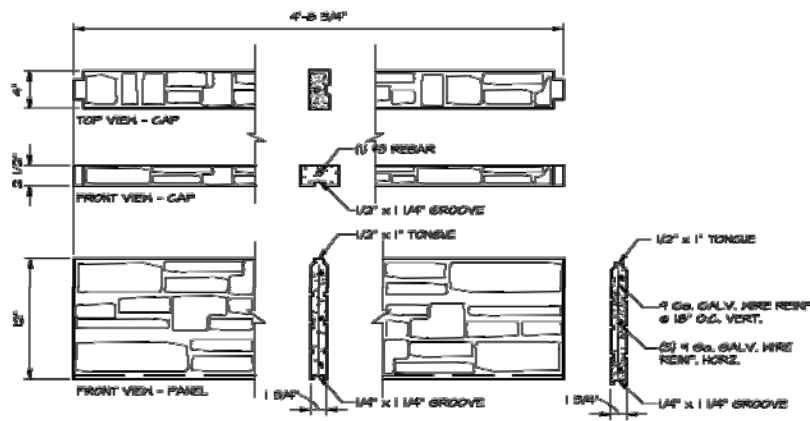
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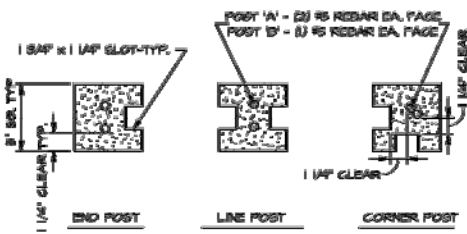


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
PRIVACY FENCE J GENERAL LAYOUT		
Subset:	PRF	Subset Sheets: PRF02 of PRF03
		Sheet No: 797



**DETAILS - PANEL & GAP**

SCALE 1/2" = 1'-0"



**SECTIONS 5" x 5" POST**

SCALE 2" = 1'-0"

See Note 4 of Additional Notes

PIER	PIER DIA.	PIER TYPE	VERTICAL REIN.	HORIZONTAL TIES
1				
2				
3				
4				
5				
6 AND BEYOND				

**BASED ON SITE SPECIFIC LOADINGS AND SOILS**

NOTE: PIER SCHEDULE AND POST SIZE ARE TYP. FOR EACH WALL END

**SPECIFICATIONS AND NOTES:**

- General**
- Project has been designed in accordance with the International Building Code, 2006 Edition.
  - Wind loads:  
Basic Wind Speed:  
Exposure Category:  
Importance Factor:
  - Finished to be manufactured by a NPCA Certified Plant.  
Manufacturer: Superior Concrete Products  
Contact: Colin Chubb  
1233 Elder Drive  
Palmer, Texas 75069  
Phone No: (817) 277-0255  
Fax No: (817) 277-0494
  - Screening Wall to be constructed entirely on the project property.
  - Should drainage be required, the bottom panel shall be raised 2"-4" above grade by means of a concrete filled "Schedule 80 PVC Pipe" placed in the groove of the respective posts.
  - Color to be job specific.

**Concrete**

- Concrete Materials:
  - Concrete shall be normal weight concrete having sand and gravel or crushed stone aggregate, colored with AS-301, Type I or Type II Portland Cement to meet the minimum compressive strengths as follows:  
 -panels & posts: 3000 psi @ 28 days  
 -footings & piers: 3500 psi @ 28 days  
 -abutments & non-structural: 3000 psi @ 28 days
  - Water used for concrete shall be clean water and free from impurities consisting of oils, acids, alkalies, organic or other deleterious substances.
  - All concrete permanently exposed to the weather shall include an air-entraining admixture resulting in 3 to 6% entrained air or as recommended by the manufacturer.

NOTE: RABBIT PANEL JOINT MAY BE SUBSTITUTED IN PLACE OF JOINT SHOWN

**Concrete Workmanship:**

- Fresh poured concrete shall be tamped into place by steel trowel, using both or mechanical vibrator, until concrete is thoroughly compact and without voids.
- Make connections for footings to undisturbed soil or to the depth noted on the drawings. Leave the bottom bearing surface clean and smooth. If footing connections are made deeper than indicated, only concrete shall be used for fill. Remove all loose material from connections prior to concrete pour.

**Reinforcement:**

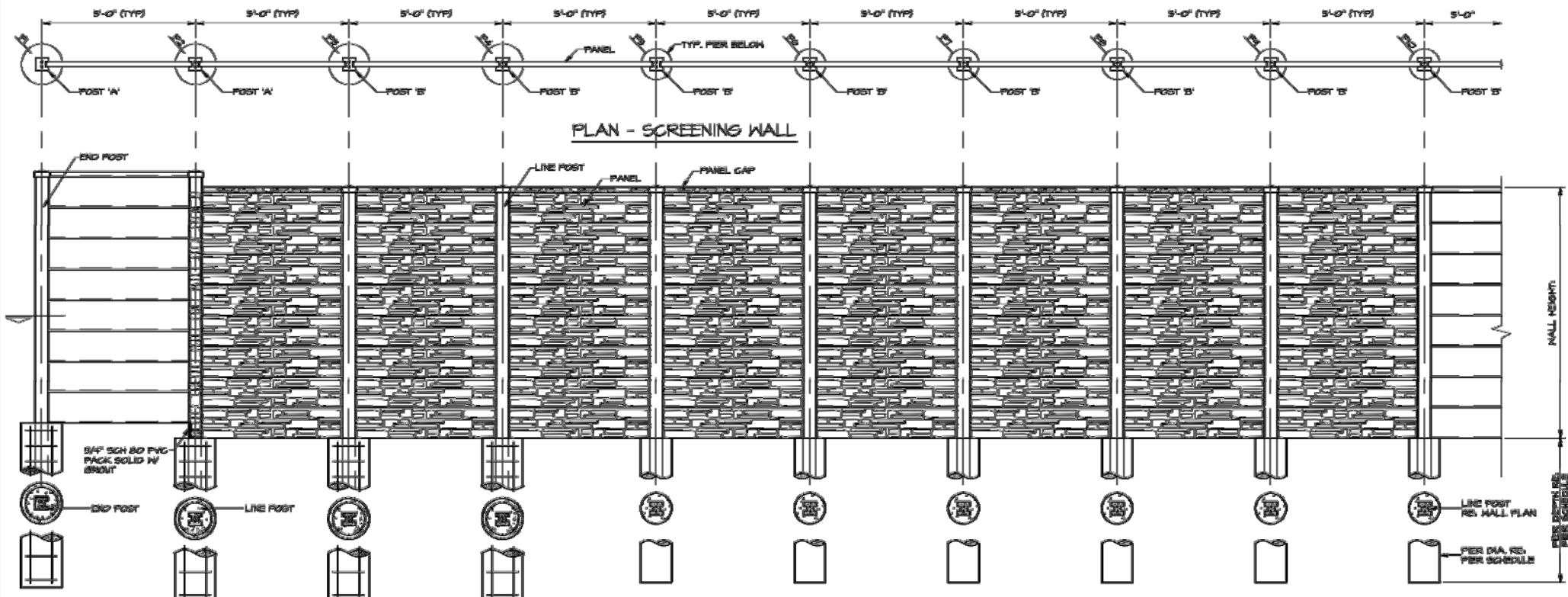
- Reinforcing Materials:
  - Rebar type bars shall conform to ASTM-A 605, Grade 60, placed as shown on the drawings.
  - Steel reinforcing wire shall meet U.S. Steel wire gauge, ASTM-A 65, fy = 70,000 psi min. Galvanized.
  - All bars and clewage shall conform to the requirements of ASTM-A 605, grade 60.
- Reinforcing Workmanship:
  - Reinforcement steel shall be fabricated in accordance with the CSI Standard Details. Reinforcing bars shall be cut-to-length only. Use of heat to bend reinforcement steel shall be cause for rejection.
  - Reinforcement steel, bars and wire fabric shall be thoroughly cleaned before placing and again before the concrete is placed, shall be accurately positioned and secured in place. Provide standard bar chairs for all bars steel. No lacing or porous materials may be used to support the steel off the ground.
    - Facing, pier, or beam bottom: 3"
    - Barth-secured pier or beam sides: 2"
    - Forward footing, pier or beam sides, upward: 3"
    - Frontal exposed to weather: gauge 3/4"; gauge 1 1/4"
  - Splices within continuous unadorned reinforcing steel shall have a minimum lap of 50 bar diameter.

**Soils**

- Footings shall be based on the following minimum soil properties:  
 Soil Compression:  
 Bearing Capacity:  
 Potential Resistance:  
 Lateral Resistance:

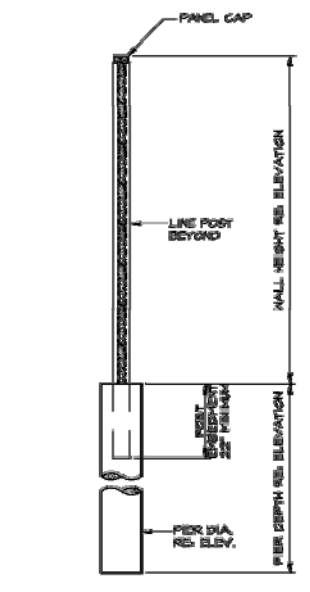
**ADDITIONAL NOTES:**

- Wall system color shall be Beige, conforming to Federal Standard 595B, Color 33446.
- The Contractor is responsible for design of the Wall System and the Wall System Foundation. See revision of CDOT Section 607 Privacy Fence for requirements.



**ELEVATION - SCREENING WALL**

SCALE 1/2" = 1'-0"



**SECTION - SCREENING WALL**

SCALE 1/2" = 1'-0"

Creation Date:	5/17/11	Initials:	KPS
Last Modification Date:	January 2013	Initials:	KPS
Full Path:	S:\12.069.024 Austin Bluffs Final\Dwg\Final\Segment 3\Structures\		
Drawing File Name:	PRF03 Privacy Fence Detail 1.dwg		
Acad Ver.	2012	Scale:	AS SHOWN

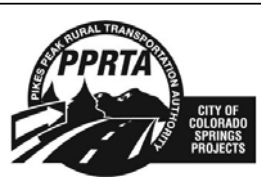
No.	Description	Date
1	ADDENDUM NO. 1	02-01-13

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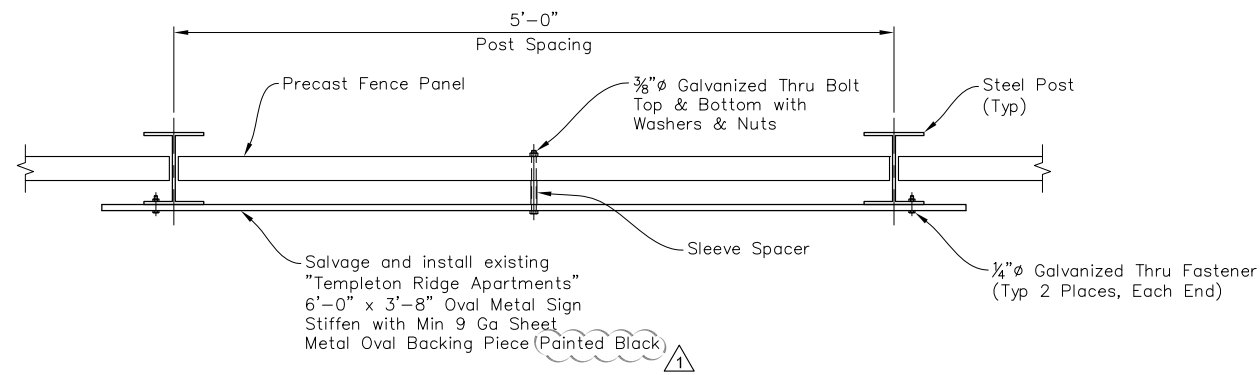
DESIGNED BY: GLG  
 DRAWN BY: KPS  
 CHECKED BY: MJB

**RFP Set**

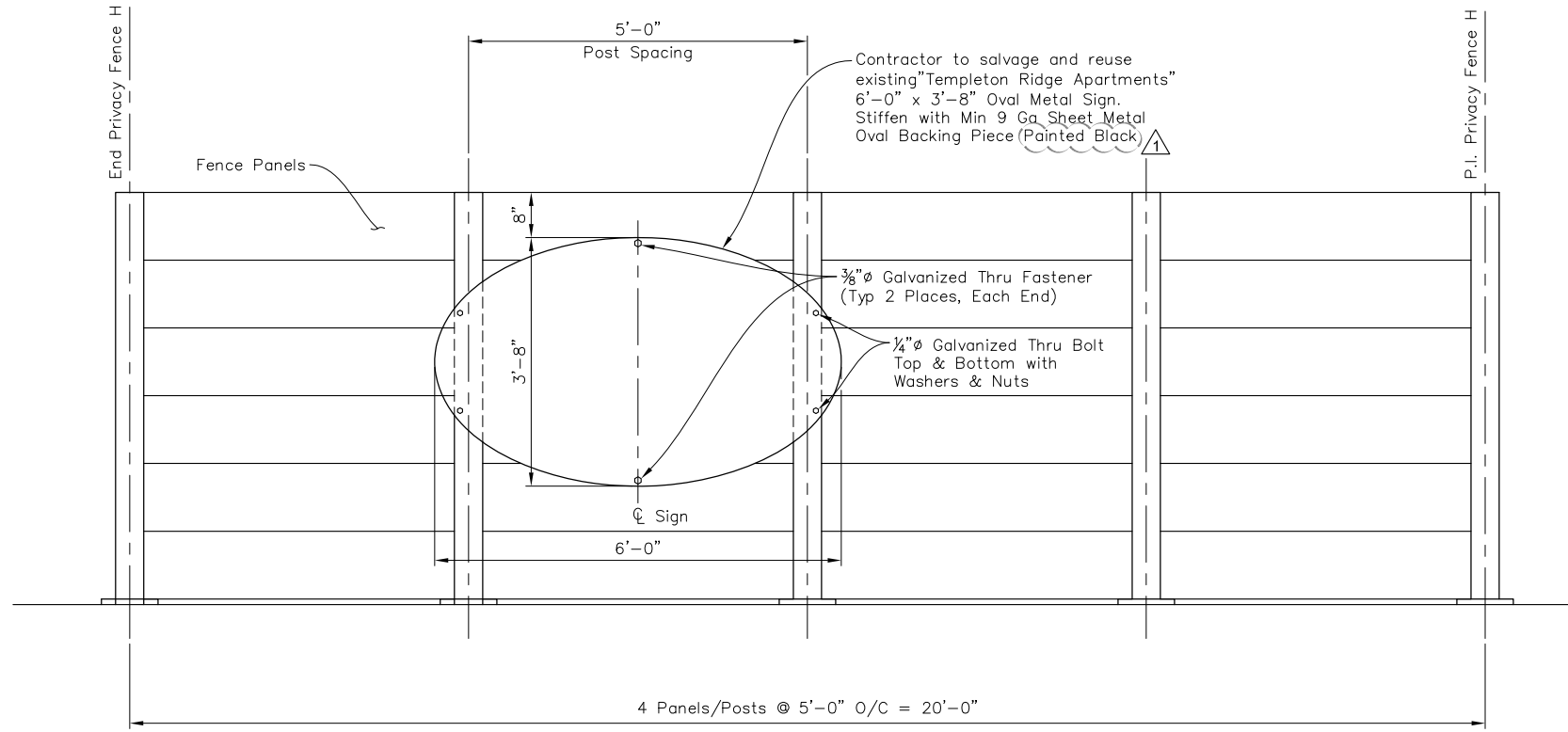


<b>AUSTIN BLUFFS PARKWAY</b>			
Segment 3 - Barnes Rd. to Old Farm Dr.			
<b>PRIVACY FENCE DETAILS</b>			
(1 OF 2)			
Subset:	PRF	Subset Sheets:	PF03 of PF04
Sheet No:			798

PLOT DATE: 1/31/2013



**PLAN**  
1 1/2" = 1'-0"



**ELEVATION**  
(LOOKING SOUTH)  
3/4" = 1'-0"

PLOT DATE: 1/31/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/17/11
Last Modification Date:	January 2013
Full Path:	S:\12.069.024 Austin Bluffs Final\DWG\Final\Segment 3\Structures\
Drawing File Name:	PRF04 Privacy Fence Detail 2.dwg
Acad Ver.	2012
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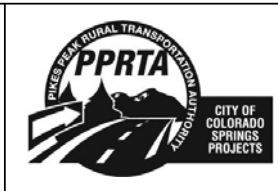
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No.	Description	Date
1	ADDENDUM NO. 1	02-01-13

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719.575.0100

DESIGNED BY: GLG  
DRAWN BY: KPS  
CHECKED BY: MJB

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
PRIVACY FENCE DETAILS (2 OF 2)		
Subset:	PRF	Subset Sheets: PF04 of PF04
		Sheet No: 799

### GENERAL NOTES

STRUCTURE EXCAVATION AND BACKFILL SHALL BE AS SHOWN ON THE PLANS, EXCEPT SHORING MAY BE REQUIRED FOR EXCAVATION ADJACENT TO THE EXISTING ROADWAY. SHORING SHALL BE PAID FOR UNDER ITEM 202-01600 TEMPORARY EXCAVATION SUPPORT.

EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M213.

THE FINAL FINNISH FOR THE SURFACES OF BRIDGE RAILS, PARAPETS AND CURBS SHALL BE CLASS 2. ALL OTHER EXPOSED CAST-IN-PLACE CONCRETE SURFACES SHALL RECEIVE A CLASS 1 FINAL FINISH TO ONE FOOT BELOW THE GROUND LINE.

A COLORED CONCRETE STRUCTURAL STAIN WILL BE REQUIRED, AS SHOWN ON THE PLANS, ON EXPOSED CONCRETE SURFACES. BASE COLOR SHALL BE BEIGE, CONFORMING TO FEDERAL STANDARD 595 B COLOR 33446. ACCENT COLOR SHALL BE BROWN, CONFORMING TO FEDERAL STANDARD 595 B COLOR 30140. APPROVAL OF COLORS REQUIRES TEST PANELS PROVIDED BY THE CONTRACTOR, AS DESCRIBED IN THE SPECIFICATIONS.

MSE WALL BLOCKS SHALL HAVE A SPLIT-FACED FINISHED SURFACE TEXTURE WITH INTEGRAL BLENDED COLOR. BLOCK COLOR SHALL BE BEIGE CONFORMING TO FEDERAL STANDARD 595 B COLOR 33446.

ALL STRUCTURAL STEEL NOT OTHERWISE NOTED SHALL BE PAINTED IN ACCORDANCE WITH SECTION 509 OF THE STANDARD SPECIFICATIONS. THE COLOR SHALL BE BEIGE EQUIVALENT TO FEDERAL STANDARD 595B COLOR NO. 33446.

THE FOLLOWING STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 36 (ASTM A-36), ROLLED SECTIONS, BASE PLATES, HANDRAIL, EXPANSION DEVICES, BEARING PLATES, BEARING DEVICES, BRIDGE RAILING, STIFFENERS AND MISCELLANEOUS METAL.

ANCHOR BOLTS SHALL BE 1/4" DIAMETER, GALVANIZED AND CONFORM TO ASTM A449, UNLESS OTHERWISE NOTED.

GRADE 60 REINFORCING STEEL IS REQUIRED.

ALL REINFORCING STEEL SHALL BE EPOXY COATED UNLESS OTHERWISE NOTED.

Ⓝ DENOTES NON-EPOXY COATED REINFORCING STEEL.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR EPOXY COATED REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	#4	#5	#6	#7	#8	#9	#10	#11
SLICE LENGTH FOR CLASS B CONCRETE	1'-3"	1'-6"	2'-0"	2'-8"	4'-6"	5'-8"	7'-3"	8'-11"
SLICE LENGTH FOR CLASS D CONCRETE	1'-3"	1'-6"	1'-10"	2'-2"	3'-8"	4'-8"	5'-11"	7'-3"

WHEN THE CONTRACTOR ELECTS TO SUBSTITUTE EPOXY COATED REINFORCING FOR BLACK REINFORCING BARS, THE MINIMUM LAP SPLICE SHALL BE AS DESCRIBED ABOVE.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPLICE LENGTH FOR BLACK REINFORCING BARS PLACED IN ACCORDANCE WITH SUBSECTION 602.06. THESE SPLICE LENGTHS SHALL BE INCREASED BY 25% FOR BARS SPACED AT LESS THAN 6" ON CENTER.

BAR SIZE	#4	#5	#6	#7	#8	#9	#10	#11
SLICE LENGTH FOR CLASS B CONCRETE	1'-0"	1'-4"	1'-8"	2'-3"	3'-0"	3'-10"	4'-10"	5'-11"
SLICE LENGTH FOR CLASS D CONCRETE	1'-0"	1'-4"	1'-7"	1'-10"	2'-5"	3'-1"	3'-11"	4'-10"

THE ABOVE SPLICE LENGTHS MAY BE REDUCED BY 20% WHEN 3" OF CLEAR COVER EXISTS AND BAR SPACING IS 6" OR GREATER ON CENTER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.

STATIONS, ELEVATIONS, AND DIMENSIONS CONTAINED IN THESE PLANS ARE CALCULATED FROM A RECENT FIELD SURVEY. THE CONTRACTOR SHALL VERIFY ALL DEPENDENT DIMENSIONS IN THE FIELD BEFORE ORDERING OR FABRICATING ANY MATERIAL.

THE INFORMATION SHOWN ON THESE PLANS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OF ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT 1-800-922-1987 AT LEAST 2 DAYS (NOT INCLUDING THE DAY OF NOTIFICATION) PRIOR TO ANY EXCAVATION OR OTHER EARTHWORK.

STRUCTURAL CONCRETE EXPOSED TO SOIL SHALL CONFORM TO CEMENTITIOUS MATERIAL REQUIREMENTS CLASS 1, CORRESPONDING TO SULFATE EXPOSURE CLASS 1.

### DESIGN DATA

DESIGN METHOD:

SERVICE LOAD DESIGN: MSE WALLS AASHTO SIXTEENTH EDITION.

LOAD AND RESISTANCE FACTOR DESIGN: RETAINING WALLS AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 6TH EDITION.

LIVE LOAD: 50 PSF OF EARTH SURCHARGE  
WIND LOAD: 30 PSF

REINFORCED CONCRETE:

CLASS D (RETAINING WALL) CONCRETE:  $f'_c = 4,500$  psi  
REINFORCING STEEL:  $f_y = 60,000$  psi

STRUCTURAL STEEL:

AASHTO M270 :  $f_y = 36,000$  psi

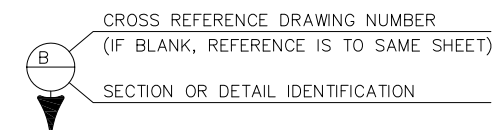
### RETAINING WALL TYPES

THE RETAINING WALL TYPE IS SHOWN IN THE RETAINING WALL TABLE. FOR BLOCK FACING M.S.E. WALLS, THE GEOMETRY IS DEFINED ON THE GENERAL LAYOUT, AN THE LONG TERM DESIGN STRENGTH DETAILS AND CRITERIA ARE SHOWN ON THE BLOCK FACING M.S.E. WALL DETAILS.

### INDEX OF DRAWINGS

RW01	GENERAL INFORMATION
RW02	RETAINING WALL AND PRIVACY FENCE LOCATION MAP
RW03	SUMMARY OF QUANTITIES
RW04	BORING LOCATIONS
RW05	BORING LOGS (1 OF 2)
RW06	BORING LOGS (2 OF 2)
RW07	GEOTECHNICAL LEGEND AND NOTES
RW08	RETAINING WALL 6 - GENERAL LAYOUT
RW09	RETAINING WALL 6 - TYPICAL SECTION & DETAILS
RW10	BLOCK FACING M.S.E. WALL DETAILS (1 OF 3)
RW11	BLOCK FACING M.S.E. WALL DETAILS (2 OF 3)
RW12	BLOCK FACING M.S.E. WALL DETAILS (3 OF 3)
RW13	RETAINING WALL 7 - GENERAL LAYOUT
RW14	RETAINING WALL 7 - TYPICAL SECTION & DETAILS
RW15	RETAINING WALL 8 - GENERAL LAYOUT
RW16	RETAINING WALL 8 - TYPICAL SECTION & DETAILS
RW17	RETAINING WALL DETAILS

1



### ABBREVIATIONS

BOW = BOTTOM OF WALL  
DH = DESIGN HEIGHT  
EF = EACH FACE  
FF = FAR FACE  
HCL = HORIZONTAL CONTROL LINE  
LOL = LAYOUT LINE  
LT = LEFT  
MSE = MECHANICALLY STABILIZED EARTH  
NF = NEAR FACE  
RT = RIGHT  
ROW = RIGHT-OF-WAY  
TOW = TOP OF WALL  
Δ = DELTA ANGLE  
R = RADIUS  
T = TANGENT  
L = LENGTH OF CURVE  
N = NORTH COORDINATE  
E = EAST COORDINATE



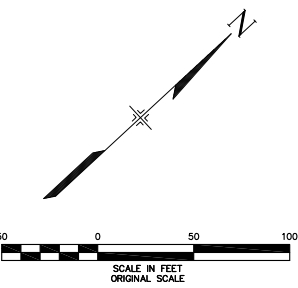
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Last Modification Date:	January 2013	Initials:	KPS	1	ADDENDUM NO. 1	02-01-13	RETAINING WALL AND PRIVACY FENCE GENERAL INFORMATION					
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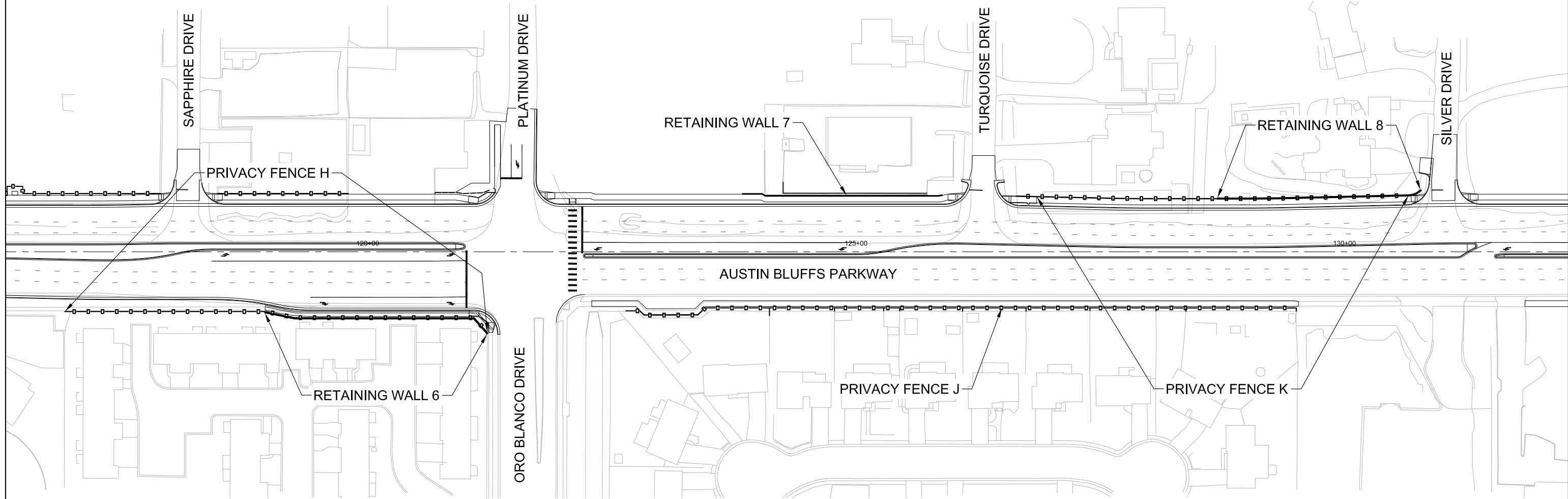
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DRAWN BY: KPS  
CHECKED BY: MJB

RFP Set



WALL	LOCATION	TYPE	CONFIGURATION	LENGTH	EXOPOSED HEIGHT (MAXIMUM)	CONSTRUCTION PHASE
Retaining Wall 6	Austin Bluffs Pkwy	Block Facing MSE	Cut	235'	5'	2
Retaining Wall 7	Austin Bluffs Pkwy	CIP Concrete Cantilever	Cut	205'	9'	3
Retaining Wall 8	Austin Bluffs Pkwy	CIP Concrete Cantilever	Cut	210'	13'	3
Privacy Fence H	Austin Bluffs Pkwy	Precast Concrete Fence	-	440'	6'	2
Privacy Fence J	Austin Bluffs Pkwy	Precast Concrete Fence	-	691'	8'	2
Privacy Fence K	Austin Bluffs Pkwy	Precast Concrete Fence	-	402'	6'	3



PLOT DATE: 1/16/2013

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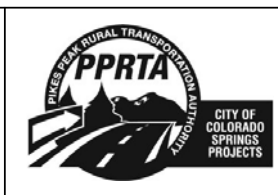
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No.	Description	Date

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 DRAWN BY: KPS  
 CHECKED BY: MJB

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
RETAINING WALL AND PRIVACY FENCE LOCATION MAP		
Subset:	RW	Subset Sheets: RW02 of RW17 Sheet No: 801



SUMMARY OF QUANTITIES - SOUND WALLS (SEGMENT 3)							
BID ITEM	SPEC SECTION	DESCRIPTION	UNIT	PRIVACY FENCE H	PRIVACY FENCE J	PRIVACY FENCE K	TOTAL
530-55150	CDOT 607	Privacy Fence (6 feet)	LF	440		402	842
530-55160	CDOT 607	Privacy Fence (8 feet)	LF		691		691

SUMMARY OF QUANTITIES - RETAINING WALLS (SEGMENT 3)							
BID ITEM	SPEC SECTION	DESCRIPTION	UNIT	RETAINING WALL 6	RETAINING WALL 7	RETAINING WALL 8	TOTAL
202-00010	CDOT 206	Structure Excavation	CY	188	330	1,620	2,138
203-00100	CDOT 206	Structure Backfill (Class 1)	CY	304	180	790	1,274
203-00360	CDOT 206	Mechanical Reinforcement of Soil	CY	225			225
504-04410	CDOT 504	Block Facing	SF	1,034			1,034
600-03050	CDOT 601	Concrete Class D (Retaining Wall)	CY		66	139	205
601-00500	CDOT 601	Structural Concrete Stain	SY		240	240	480
600-00000	CDOT 602	Reinforcing Steel	LB		4,420	12,600	17,020

PLOT DATE: 2/3/2013

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Acad Ver.	2012	Scale:	AS SHOWN			Sheet No:	802

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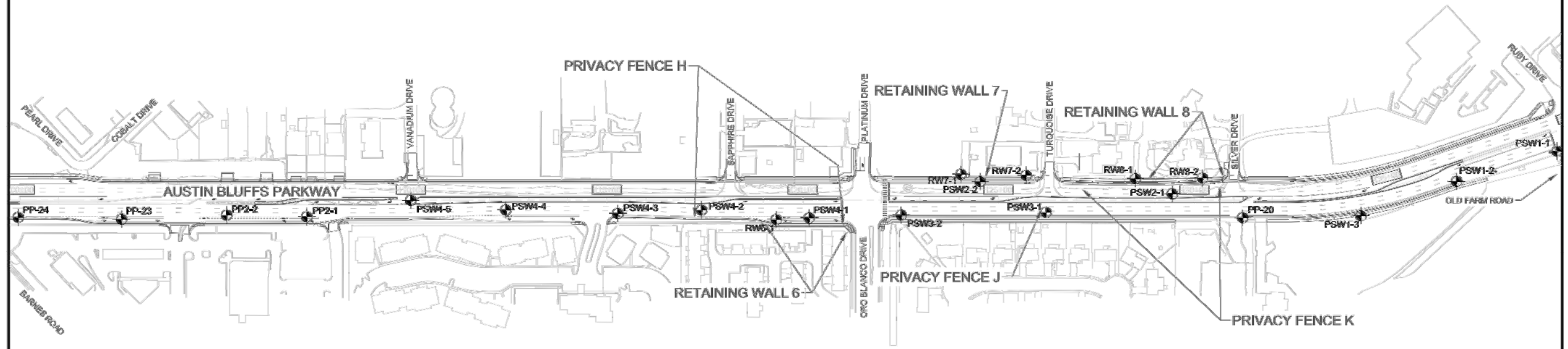
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DRAWN BY: KPS  
CHECKED BY: MJB

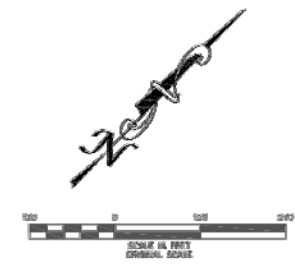


ENTIRE SHEET

Wall	Location	Type	Configuration	Length	Exposed Height (Maximum)	Construction Phase
Retaining Wall 6	Austin Bluffs Pkwy	Segmental Geogrid	Cut	235'	5'	
Retaining Wall 7	Austin Bluffs Pkwy	CIP Concrete Cantilever	Cut	166'	9'	
Retaining Wall 8	Austin Bluffs Pkwy	CIP Concrete Cantilever	Cut	210'	13'	
Privacy Fence	Austin Bluffs Pkwy	Precast Concrete Fence	-	432.37'	6'	
Privacy Fence	Austin Bluffs Pkwy	Precast Concrete Fence	-	379.96'	6'	
Privacy Fence	Austin Bluffs Pkwy	Precast Concrete Fence	-	704.60'	6'	



**BORING PREFIXES**  
 PP PRELIMINARY PAVEMENT  
 RW RETAINING WALL  
 PRW PRELIMINARY RETAINING WALL  
 SW SOUND WALL  
 P PAVEMENT



**SEGMENT 3  
 (REFERENCE BORING LOGS FIGURES 2G and 2H)**

G09.1245.000	GEOCAL, INC.	AUSTIN BLUFFS PARKWAY IMPROVEMENTS LOCATIONS OF EXPLORATORY BORINGS	FIGURE 1C
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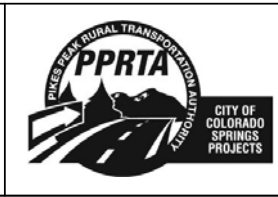
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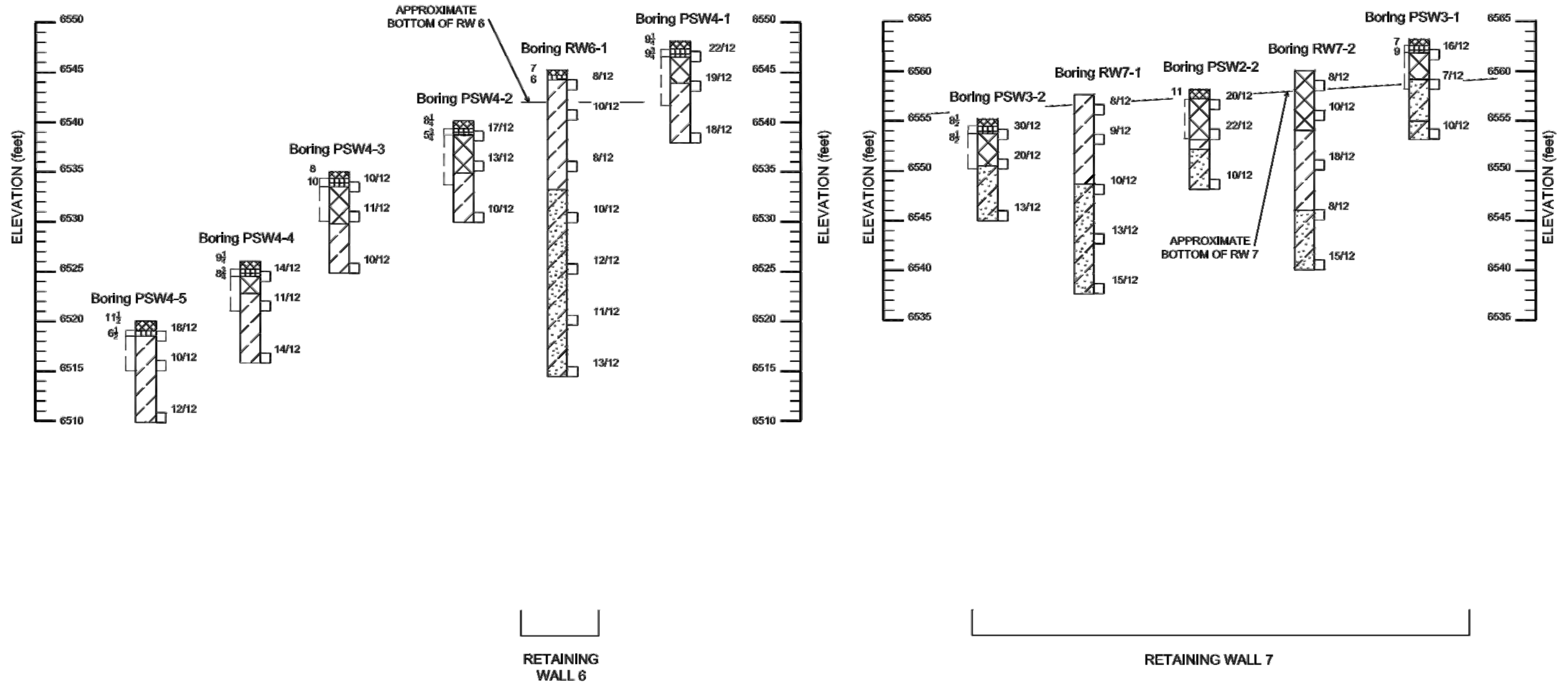
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AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
BORING LOCATIONS		
Subset:	RW	Subset Sheets: RW04 of RW17 Sheet No: 803

PLOT DATE: 2/4/2013

### SEGMENT 3 - STRUCTURE BORINGS



G09.1245.001	GEOCAL, INC.	AUSTIN BLUFFS CORRIDOR IMPROVEMENTS LOGS OF EXPLORATORY BORINGS	FIGURE 2G
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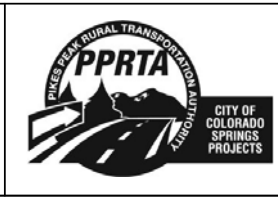
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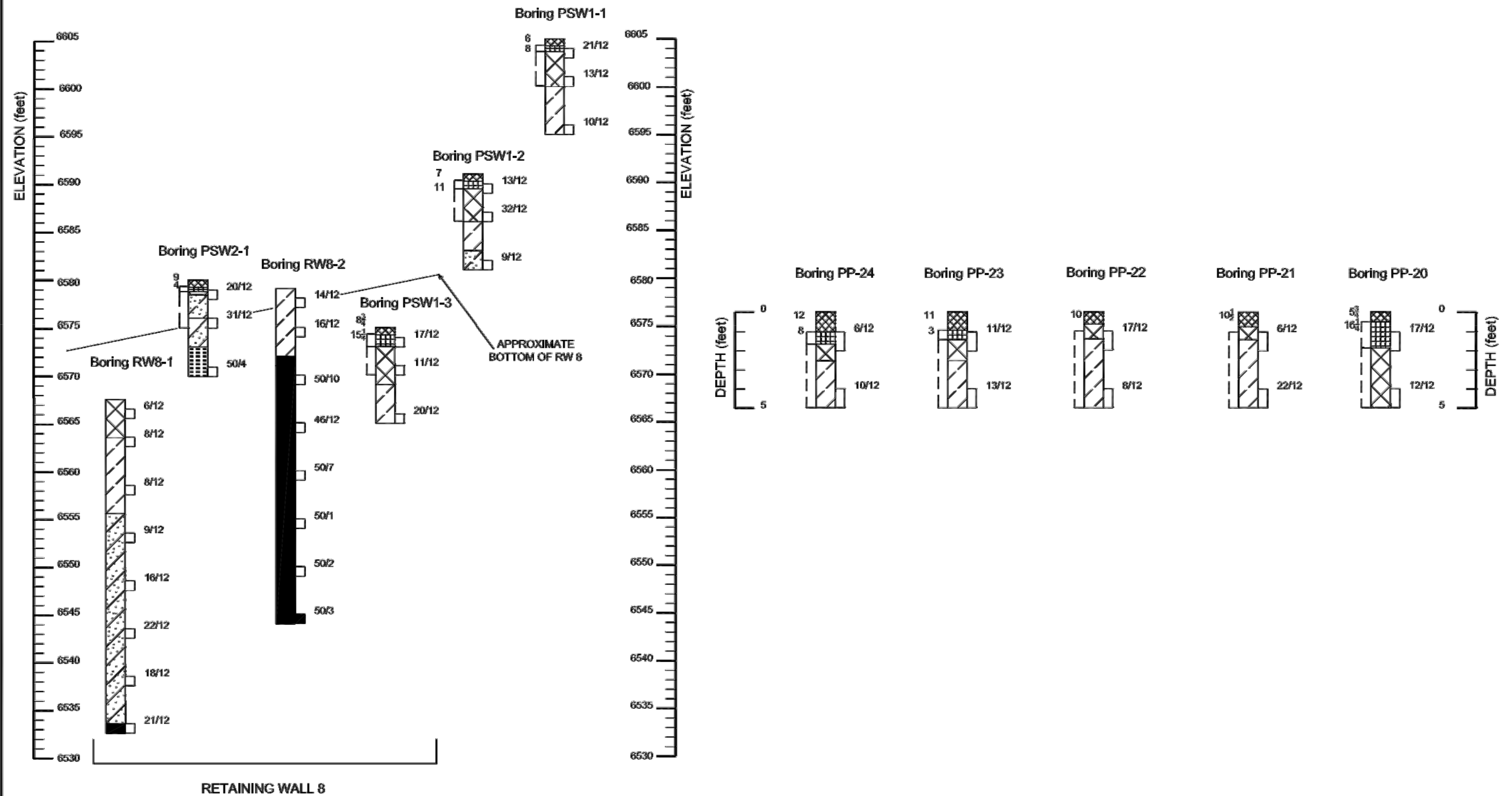
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AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
BORING LOGS (1 OF 2)		
Subset:	RW	Sheet No: 804

PLOT DATE: 2/4/2013

### SEGMENT 3 - STRUCTURE BORINGS AND PAVEMENT BORINGS



G09.1245.001	GEOCAL, INC.	AUSTIN BLUFFS CORRIDOR IMPROVEMENTS LOGS OF EXPLORATORY BORINGS	FIGURE 2H
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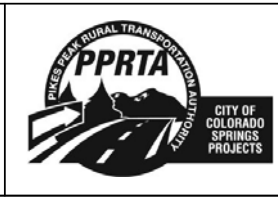
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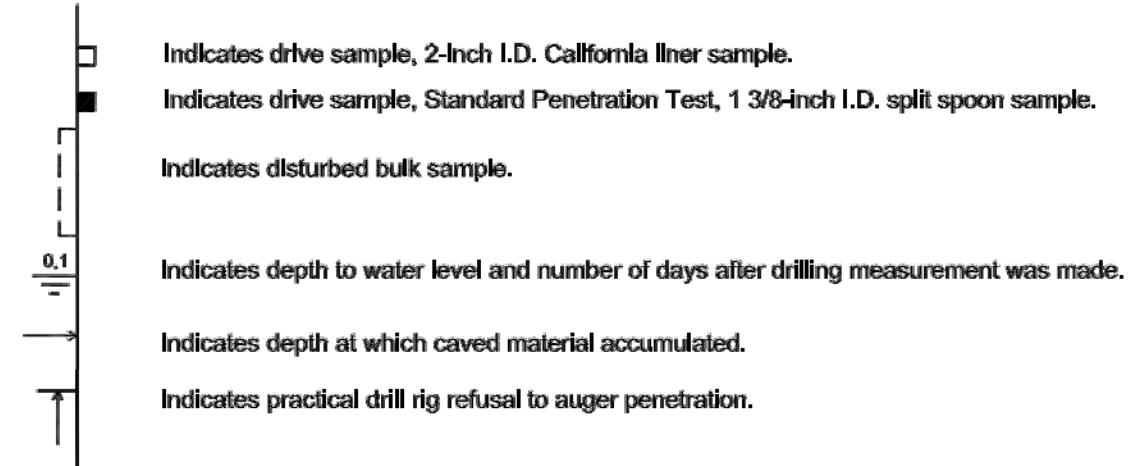


AUSTIN BLUFFS PARKWAY Segment 3 - Barnes Rd. to Old Farm Dr.		
BORING LOGS (2 OF 2)		
Subset:	RW	Subset Sheets: RW06 of RW17 Sheet No: 805

PLOT DATE: 2/4/2013

ENTIRE SHEET

-  **TOPSOIL**
-  **ASPHALT PAVEMENT**, approximate thickness in inches shown to the left of the log.
-  **CONCRETE CHANNEL LINING**, approximate thickness in inches shown to the left of the log.
-  **AGGREGATE BASE COURSE**, sand, gravelly with occasional slight clay, medium dense to dense, moist, fine to coarse grained sand with small to medium gravel; approximate thickness in inches shown to the left of the log.
-  **FILL, SAND**, trace clay to very clayey to **CLAY** with sand, gravelly, loose to medium dense, soft to very stiff, low to medium plasticity, moist, variable browns. Boring CBC-5 encountered refusal in riprap.
-  **SAND**, occasional slight clay, loose to medium dense, occasionally very dense, slightly moist to moist, light yellowish brown to yellowish gray, fine grained with some medium to coarse sand, poorly to well graded, contains variable amounts of small to large subrounded gravel.
-  **SAND**, clayey, loose to medium dense, low to medium plasticity, slightly moist to wet, yellowish gray to yellowish brown, fine to medium grained sand with some coarse grained sand, stratified.
-  **SAND**, silty, medium dense, moist, dark brown, fine to medium grained.
-  **GRAVEL**, sandy, medium dense, wet, brownish gray and white, fine to coarse subangular to angular gravel with fine to medium grained sand, poorly graded.
-  **CLAY**, silty to sandy, medium stiff to very stiff, medium to high plasticity, slightly moist to moist, yellowish brown to yellowish gray to dark brown, fine to medium grained sand, trace subangular gravel, stratified, poorly developed laminations.
-  **WEATHERED SANDSTONE**, silty to clayey, firm, slightly moist, variegated, fine grained sand.
-  **SILTSTONE BEDROCK**, hard, low to medium plasticity, slightly moist, yellowish gray, laminated.
-  **SANDSTONE BEDROCK**, very hard, moist to wet, light bluish gray, fine to medium grained with some coarse subrounded sand, slightly stratified.
-  **CLAYSTONE BEDROCK**, grades to shale, medium hard to very hard, medium plasticity, moist, gray to brownish gray and bluish gray, medium to high plasticity, fine light gray sand in partings, laminated, weathered in upper 4 to 6 feet.



**NOTES**

1. Locations of borings shown on Figures 1A to 1C are approximate.
2. The lines between strata represent approximate boundaries between material types. Transitions between materials may actually be gradual.
3. Elevation for the boring drilled prior to 2011 were obtained from plans provided by Matrix Design Group. Elevation for the boring drilled prior to 2012 were surveyed by Matrix Design Group. Pavement boring are draw to depth.
4. Water level readings shown on the logs were made at the time and under conditions indicated. Fluctuations in the water levels may occur with time.
5. Borings were drilled between October 2009 and May 2012 as indicated below.

Date Drilled	Segment	Drilling Rig	Drilling Method	Boring Number
Oct 19 to 23, 2009	1 & 2	CME-75	6" SS	PP-1 to PP-24, PRW1-1 to PRW1-6, PRW2-1 & PRW2-1, and PRW4-1 to PRW4-4
Oct 19 to 23, 2009		2 CME-75	3/4" HSA	PB-1, PB-2, PB-3 & PB-4
May 12 to 14, 2010	1 & 3	Simco 2800	6" SS	PP-25 to PP29, PSW1-1 to PSW1-3, PSW2-1 & PSW2-1, PSW3-1 & PSW3-2, and PSW4-1 to PSW4-5
April 23 to 26, 2010		2 CME-55	3/4" HSA	CBC-1 to CBC-6
April 27 to May 22, 2012		2 CME-55	4" SS	RW5-1, RW4-2, SWG-1, SWG-2, SWG-3 and RW-1 to RW4-3
May 3, 2012		2 Simco 50	6" SS	P2-1 to P2-6
May 9, 2012	1 & 3	Diedrich D-90	4" SS	SWB-1 & SWB-2, RW2-1 & RW2-2, RW7-1 & RW7-2 and PW8-1 & RW8-2
May 15, 2012	1 & 3	Diedrich D-90	4" SS	SW-1, SWC-1 & SWC-2, RW1-1 & RW1-2, RW3-2 & RW3-3, P1-1 and RW6-1

G09.1245.001	GEOCAL, INC.	AUSTIN BLUFFS CORRIDOR IMPROVEMENTS LEGEND AND NOTES FOR EXPLORATORY BORINGS	FIGURE 3
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No.	Description	Date
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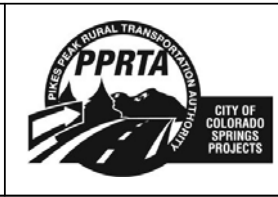
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**Matrix DESIGN GROUP**

2435 Research Pkwy, Suite 300,  
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719.575.0100

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DRAWN BY: KPS  
CHECKED BY: MJB

**RFP Set**

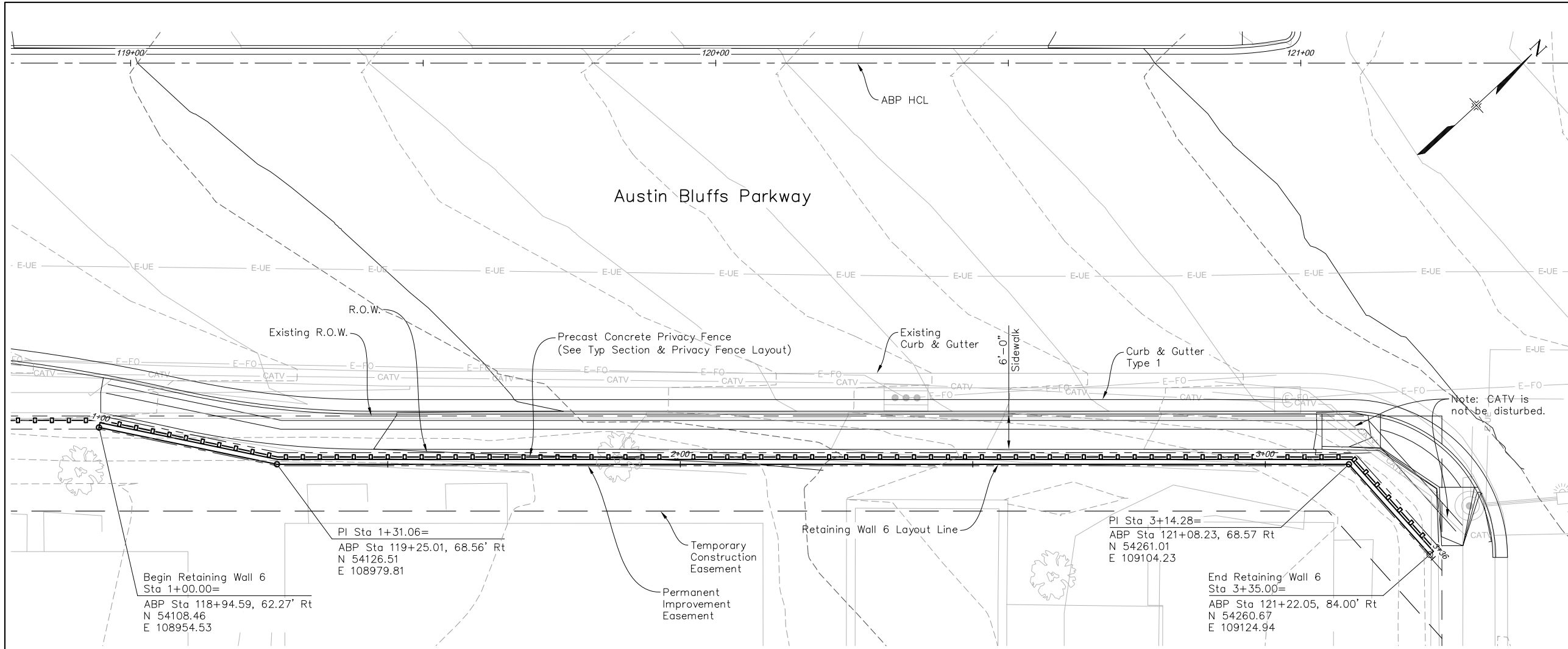


AUSTIN BLUFFS PARKWAY  
Segment 3 - Barnes Rd. to Old Farm Dr.

GEOTECHNICAL LEGEND AND NOTES

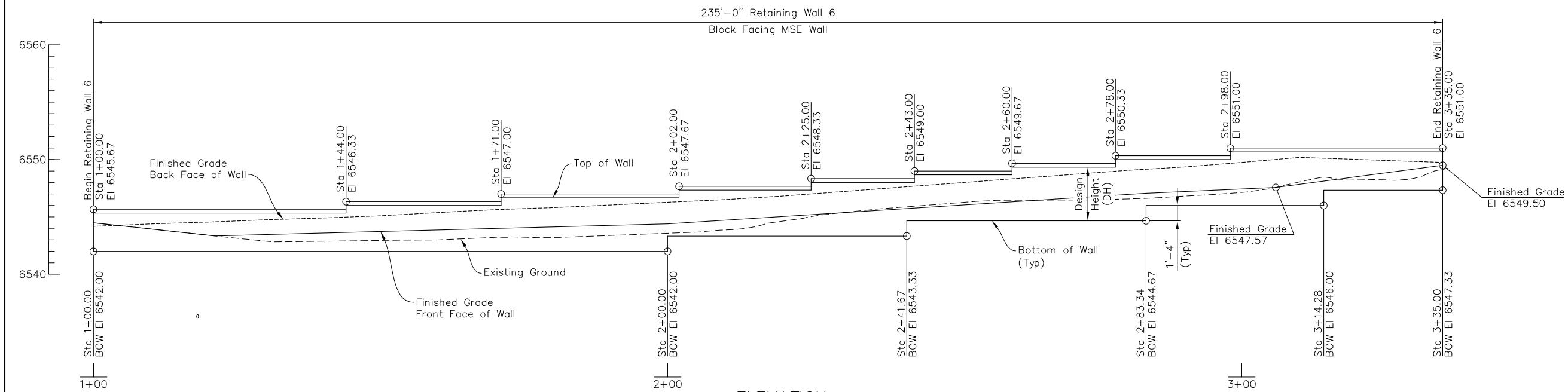
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PLOT DATE: 2/4/2013



RETAINING WALL 6 STATION	TOP OF WALL ELEVATION	BOTTOM OF WALL ELEVATION	DESIGN HEIGHT DH (ft)
1+00.00	6545.33	6542.00	3.33
1+44.00	6545.33	6542.00	3.33
1+44.00	6546.00	6542.00	4.00
1+71.00	6546.00	6542.00	4.00
1+71.00	6546.67	6542.00	4.67
2+00.00	6546.67	6542.00	4.67
2+00.00	6546.67	6543.33	3.33
2+02.00	6546.67	6543.33	3.33
2+02.00	6547.33	6543.33	4.00
2+25.00	6547.33	6543.33	4.00
2+25.00	6548.00	6543.33	4.67
2+41.67	6548.00	6543.33	4.67
2+41.67	6548.00	6544.67	3.33
2+43.00	6548.00	6544.67	3.33
2+43.00	6548.67	6544.67	4.00
2+60.00	6548.67	6544.67	4.00
2+60.00	6549.33	6544.67	4.67
2+78.00	6549.33	6544.67	4.67
2+78.00	6550.00	6544.67	5.33
2+83.34	6550.00	6544.67	5.33
2+83.34	6550.00	6546.00	4.00
2+98.00	6550.00	6546.00	4.00
2+98.00	6550.67	6546.00	4.67
3+14.28	6550.67	6546.00	4.67
3+14.28	6550.67	6547.33	3.33
3+50.00	6550.67	6547.33	3.33

**PLAN**



**ELEVATION**

Scale:  
Horz 1"=20'  
Vert 1"=10'

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/17/11
Last Modification Date:	January 2013
Full Path:	S:\12.069.024 Austin Bluffs Final\Dwg\Final\Segment 3\Structures\
Drawing File Name:	RW08 Retaining Wall 6 Layout.dwg
Acad Ver.	2012

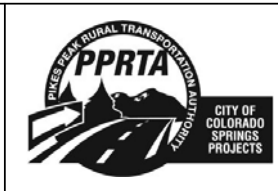
REVISIONS		
No.	Description	Date

**STATEMENT:**  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

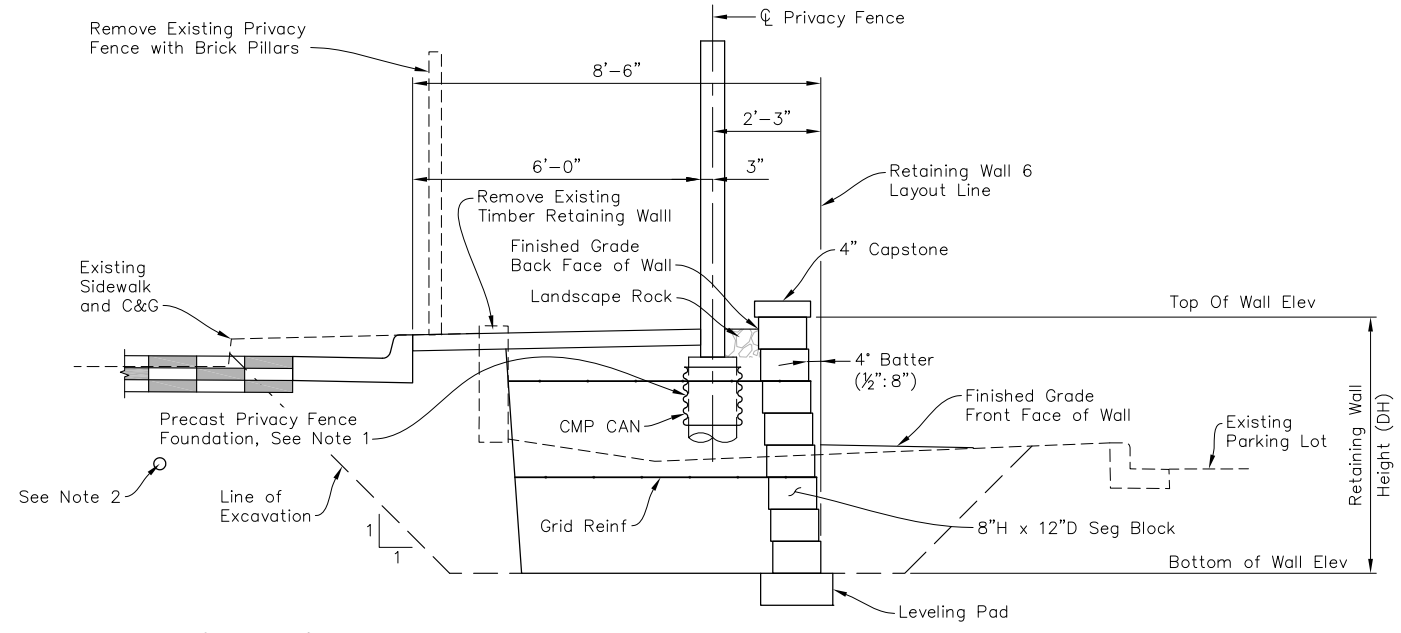
**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: GLG  
DRAWN BY: KPS  
CHECKED BY: MJB

**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
RETAINING WALL 6 GENERAL LAYOUT			
Subset:	RW	Subset Sheets:	RW08 of RW17
		Sheet No:	807





Coordinate Construction Phases of Privacy Fence, MSE Wall Required.

**RETAINING WALL 6  
TYPICAL SECTION**

**NOTES:**

1. Contractor shall either install Fence Foundations prior to Wall Construction or install CMP Cans during Wall Construction to allow installation of Fence Foundations at a later date.
2. Traffic Fiber Optic Line and Comcast CATV Line are located at edge of Excavation. Contractor to protect in place and adjust Limits of Excavation as required.

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION		REVISIONS		STATEMENT:	 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100	 CITY OF COLORADO SPRINGS PROJECTS	AUSTIN BLUFFS PARKWAY					
Creation Date:	5/17/11	No.	Description	Date			<b>RFP Set</b>	RETAINING WALL 6 TYPICAL SECTION & DETAILS	Segment 3 - Barnes Rd. to Old Farm Dr.			
Last Modification Date:	January 2013											
Full Path:	S:\12.069.024 Austin Bluffs Final\Dwg\Final\Segment 3\Structures\											
Drawing File Name:	RW09 Retaining Wall 6 Typ Sect.dwg											
Acad Ver.	2012	Scale:	AS SHOWN				Subset:	RW	Subset Sheets:	RW09 of RW17	Sheet No:	808

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DESIGNED BY: GLG  
 DRAWN BY: KPS  
 CHECKED BY: MJB





**GENERAL NOTES**

The required LTDS for different reinforcement layer depths (Z) is determined with the following equations,

$$LTDS \geq (K) \cdot (\sigma_v) \cdot S/12$$

Where A. (Geosynthetic reinforcement)  
 $\sigma_v = \frac{1}{2}(Z + Z') \gamma_{soil}$  as depicted in the loading diagram.  
 K =  $K_a = 0.4062$

B. (Metallic reinforcement)  
 see AASHTO fig. 5.8.2B for  $\sigma_v$ , and fig. 5.8.4.1A for  $K = K_0$  to  $K_a$

**TABLE**

\*DESIGN PARAMETERS FOR WALL HEIGHTS FROM 2.67' TO 30.00'

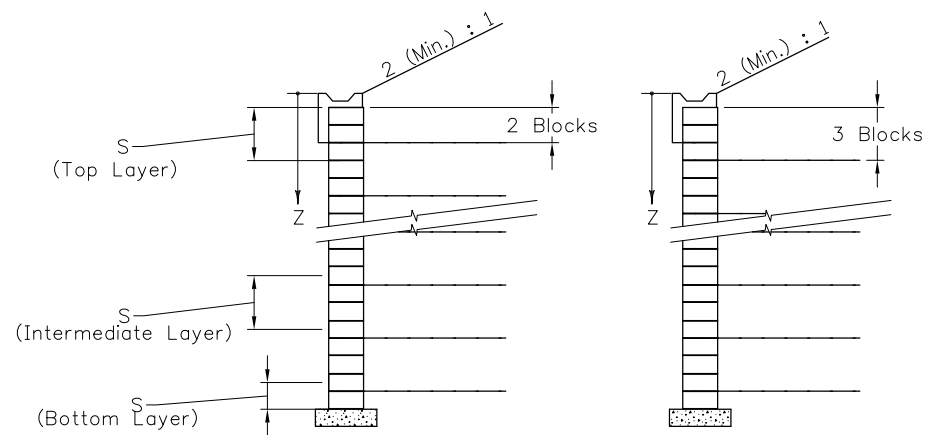
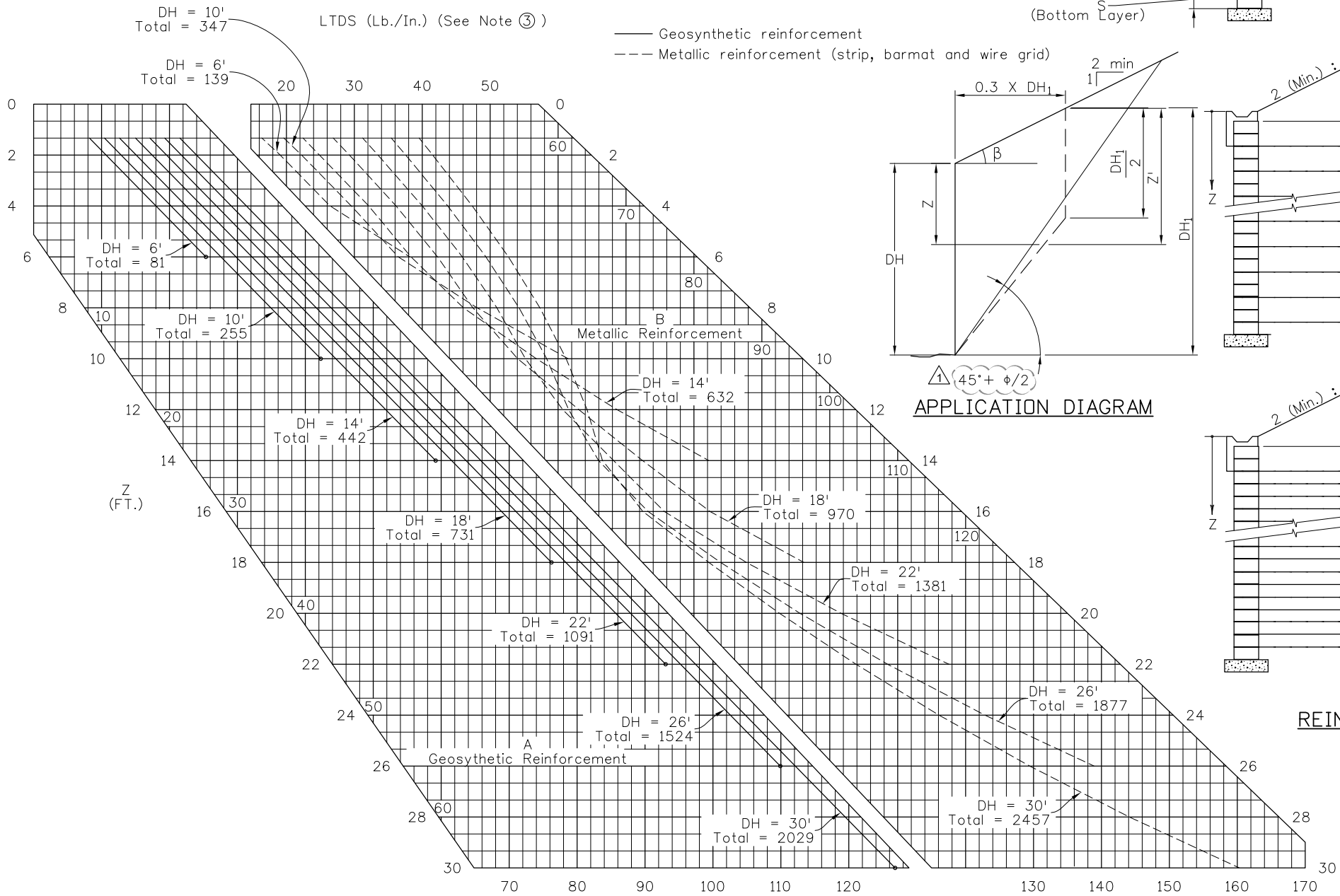
DH	NB	RL**	BP	BM	PGL
2.67	4	5.00	1.40	0.53	10.17
3.33	5	5.00	1.52	0.73	10.84
4.00	6	6.00	1.63	0.97	11.50
4.67	7	6.00	1.76	1.24	12.17
5.33	8	6.00	1.88	1.56	12.84
6.00	9	6.00	2.02	1.93	13.50
6.67	10	6.67	2.09	2.35	16.17
7.33	11	7.33	2.21	2.80	16.84
8.00	12	8.00	2.33	3.29	17.50
8.67	13	8.00	2.47	3.82	18.17
9.33	14	8.00	2.61	4.39	18.84
10.00	15	8.00	2.75	5.00	19.50
10.67	16	8.00	2.91	5.65	20.17
11.33	17	8.00	3.08	6.34	20.84
12.00	18	8.40	3.20	7.07	21.91
12.67	19	8.87	3.31	7.83	23.04
13.33	20	9.33	3.42	8.64	24.17
14.00	21	9.80	3.53	9.49	25.31
14.67	22	10.27	3.64	10.38	26.44
15.33	23	10.73	3.76	11.30	27.57
16.00	24	11.20	3.87	12.27	28.71
16.67	25	11.67	3.98	13.27	29.84
17.33	26	12.13	4.09	14.32	30.97
18.00	27	12.60	4.20	15.40	32.11
18.67	28	13.07	4.32	16.52	33.24
19.33	29	13.53	4.43	17.69	34.37
20.00	30	14.00	4.54	18.89	35.51
20.67	31	14.47	4.66	20.13	36.64
21.33	32	14.93	4.77	21.41	37.77
22.00	33	15.40	4.88	22.73	38.91
22.67	34	15.87	4.99	24.09	40.04
23.33	35	16.33	5.11	25.49	41.17
24.00	36	16.80	5.22	26.93	42.31
24.67	37	17.27	5.33	28.41	43.44
25.33	38	17.73	5.45	29.93	44.57
26.00	39	18.20	5.56	31.49	45.71
26.67	40	18.67	5.67	33.09	46.84
27.33	41	19.13	5.79	34.72	47.97
28.00	42	19.60	5.90	36.40	49.11
28.67	43	20.07	6.01	38.12	50.24
29.33	44	20.53	6.13	39.87	51.37
30.00	45	21.00	6.24	41.67	52.51

\* Based on a nominal block height of 8"

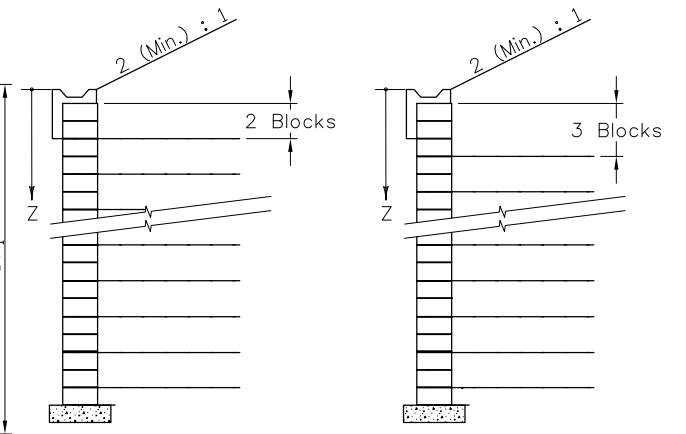
\*\* See Project Special Provisions for minimum RL requirements.

**NOTES:**

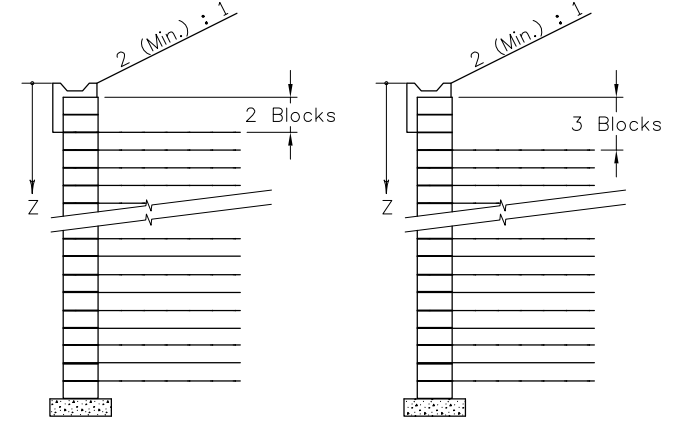
- For the installation of the Geomembrane, the reinforcement shall start 2 blocks from the top of the wall when the wall top is stepped or the wall height is greater than 10'-0".
- Spacing S for computation of LTDS is shown for pattern A with the top layer starting 2 blocks down. Use similar logic to determine S for other reinforcement patterns.
- Graph values must be multiplied by S in feet to obtain the required LTDS.



**PATTERN A**



**PATTERN B**



**PATTERN C**

(See note 2)

PLOT DATE: 1/31/2013

COMPUTER FILE INFORMATION	
Creation Date:	05/20/11 Initials: KPS
Last Modification Date:	January 2013 Initials: KPS
Full Path:	S:\12.069.024 Austin Bluffs Final\Dwg\Final\Segment 3\Structures\
Drawing File Name:	RW11 MSE Wall Details 2.dwg
Acad Ver:	2012 Scale: AS SHOWN

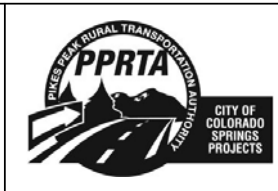
REVISIONS		
No.	Description	Date
1	ADDENDUM NO. 1	02-01-13

**STATEMENT:**  
 THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

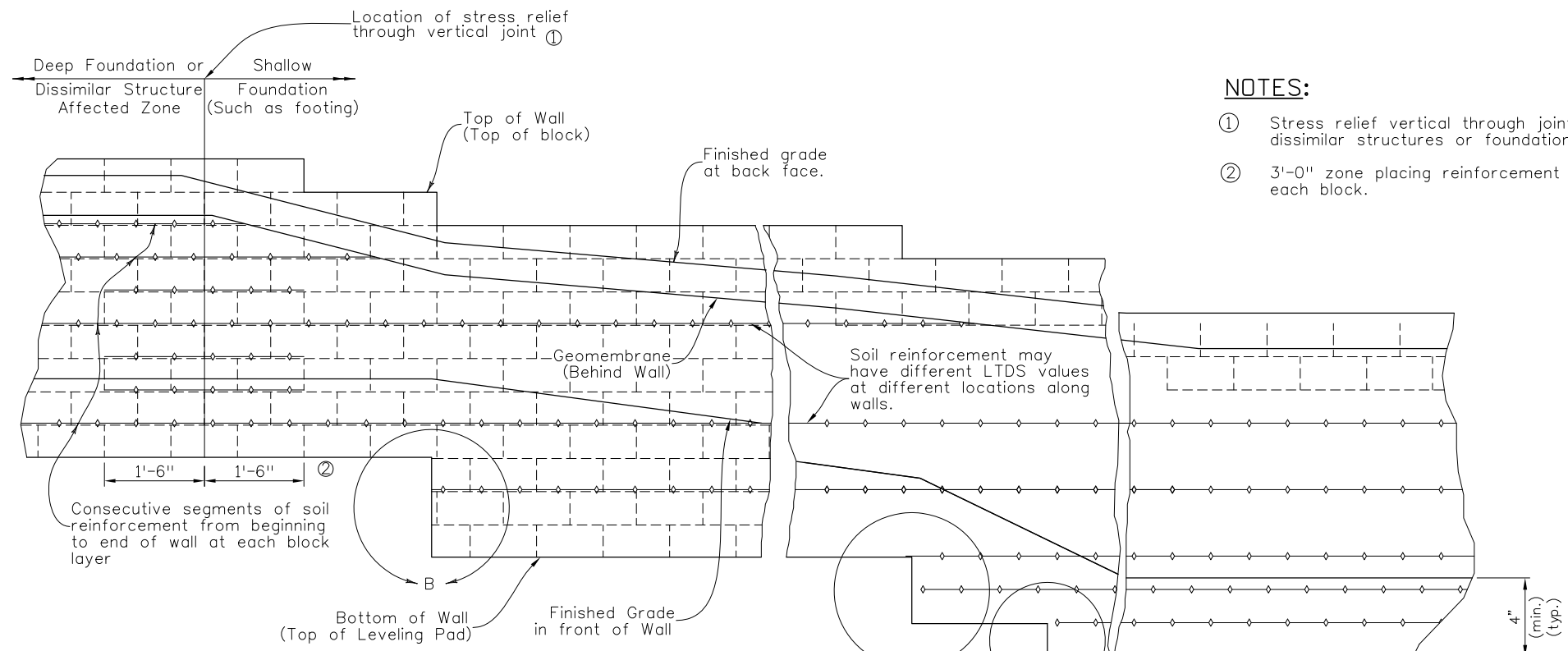
**Matrix DESIGN GROUP**  
 2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: MJB  
 DRAWN BY: KPS  
 CHECKED BY: MJB

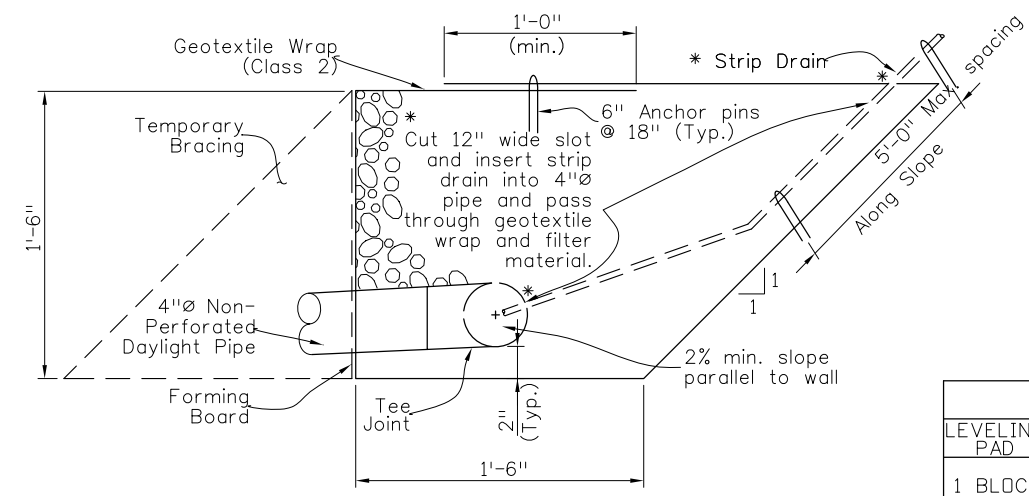
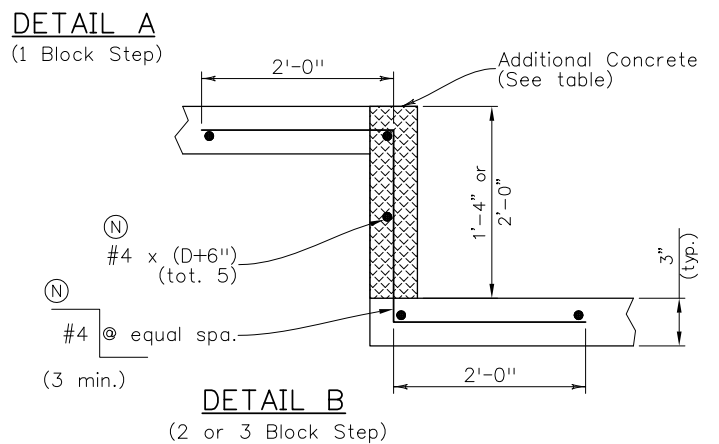
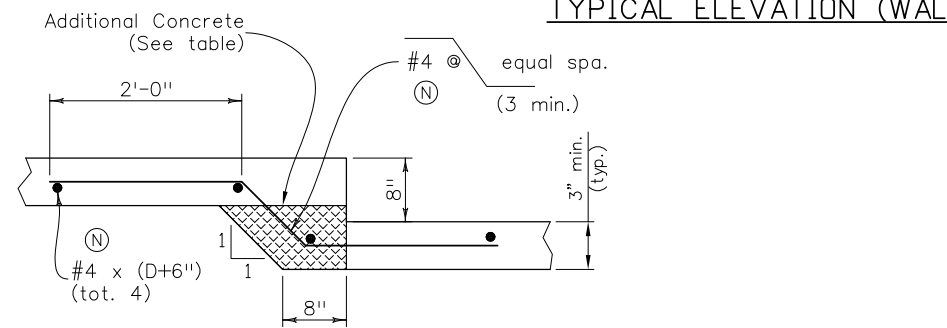
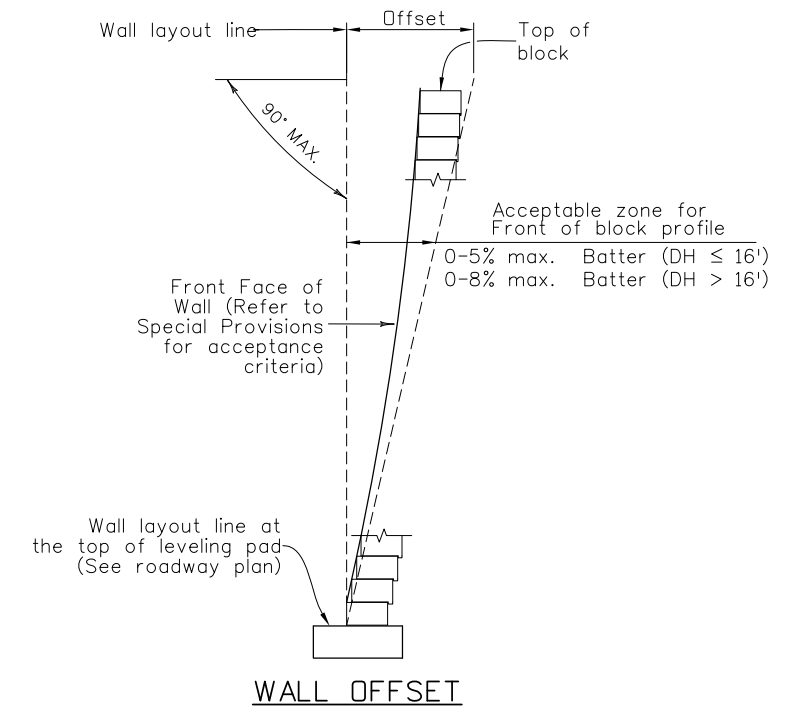
**RFP Set**



AUSTIN BLUFFS PARKWAY			
Segment 3 - Barns Rd. to Old Farm Dr.			
BLOCK FACING M.S.E. WALL DETAILS (2 OF 3)			
Subset:	RW	Subset Sheets:	RW11 of RW17 Sheet No: 810



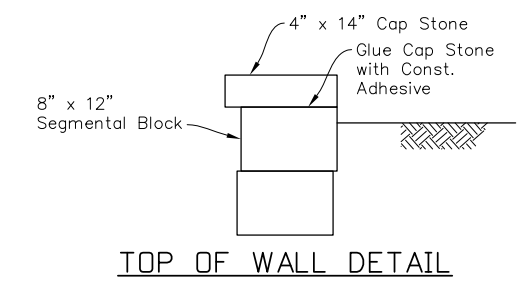
- NOTES:**
- ① Stress relief vertical through joint for dissimilar structures or foundations.
  - ② 3'-0" zone placing reinforcement at each block.



**DRAIN DETAIL**

Filter Material (Class B) To be included in Item No. 206 Structure Backfill (Class 1).  
 (Use with B-504-A1, A2 and A3 or B-504-B1, B2 and B3 or B-504-C1, C2 and C3)

\* Geotextile fabric flow rate = 140 gpm/ sq ft (min.) and core flow rate of 21 gpm/ft (min.)



**LEVELING PAD AND STEP QUANTITIES\***  
(For Information only)

DESCRIPTIONS		UNIT	QUANTITIES
LEVELING PAD	CONCRETE CLASS D	C.Y./FT.	0.037
1 BLOCK STEP	REINFORCING STEEL fy = 60 ksi	LB./STEP	14.00
	CONCRETE CLASS D	C.Y./STEP	0.049
2 BLOCK STEP	REINFORCING STEEL fy = 60 ksi	LB./STEP	16.00
	CONCRETE CLASS D	C.Y./STEP	0.049
3 BLOCK STEP	REINFORCING STEEL fy = 60 ksi	LB./STEP	17.00
	CONCRETE CLASS D	C.Y./STEP	0.074

\*Based on 1'-0" nominal block depth (D)

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	05/20/11 Initials: KPS
Last Modification Date:	January 2013 Initials: KPS
Full Path:	S:\12.069.024 Austin Bluffs Final\Dwg\Final\Segment 3\Structures\
Drawing File Name:	RW12 MSE Wall Details 3.dwg
Acad Ver.	2012 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

**STATEMENT:**

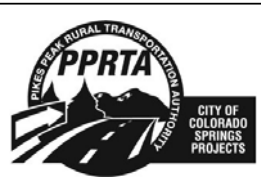
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**

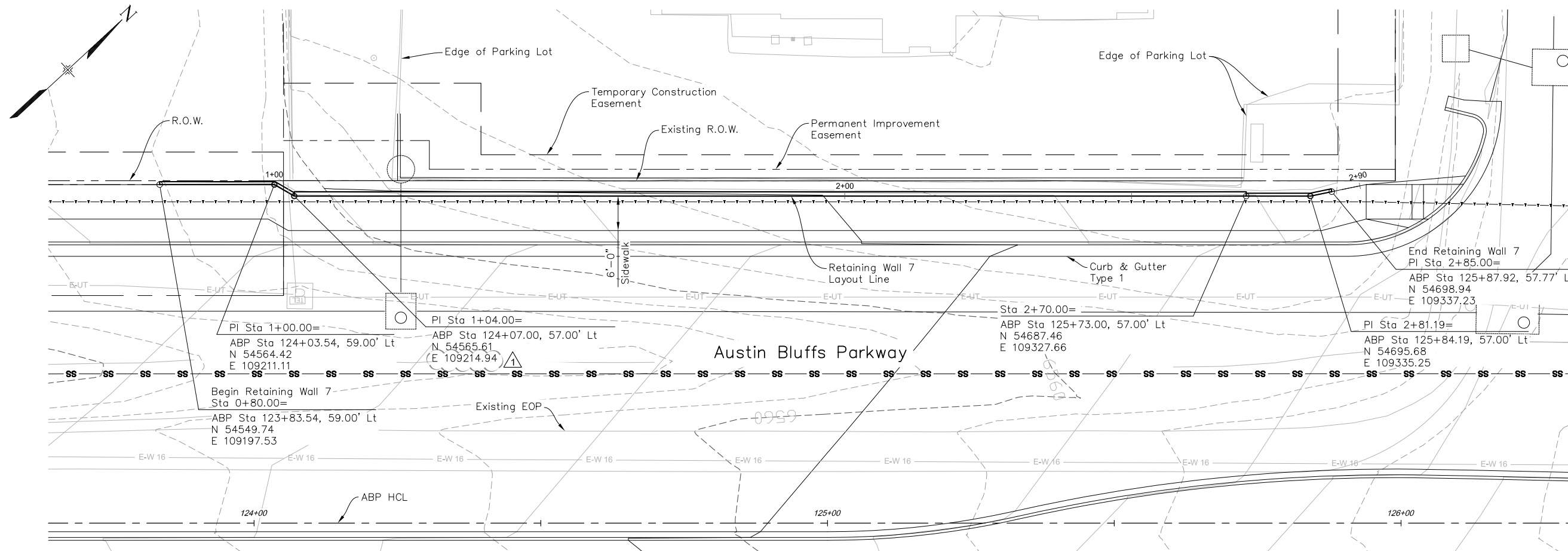
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: MJB  
 DRAWN BY: KPS  
 CHECKED BY: MJB

**RFP Set**

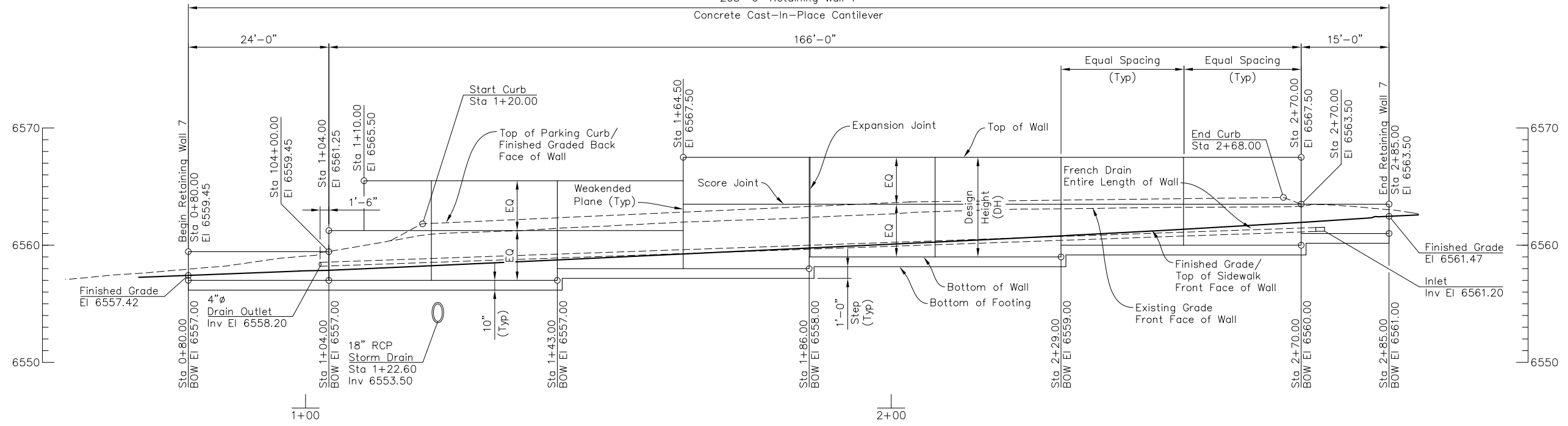


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barns Rd. to Old Farm Dr.			
BLOCK FACING M.S.E. WALL DETAILS (3 OF 3)			
Subset:	RW	Subset Sheets:	RW12 of RW17 Sheet No: 811



PLAN

205'-0" Retaining Wall 7  
Concrete Cast-in-Place Cantilever



ELEVATION

Scale:  
Horz 1"=20'  
Vert 1"=10'

PLOT DATE: 1/31/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/17/11
Last Modification Date:	January 2013
Full Path:	S:\12.069.024 Austin Bluffs Final\Dwg\Final\Segment 3\Structures\
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Acad Ver.	2012
Scale:	AS SHOWN

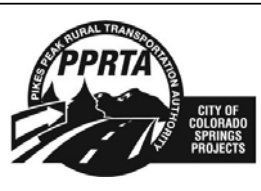
REVISIONS		
No.	Description	Date
1	ADDENDUM NO. 1	02-01-13

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

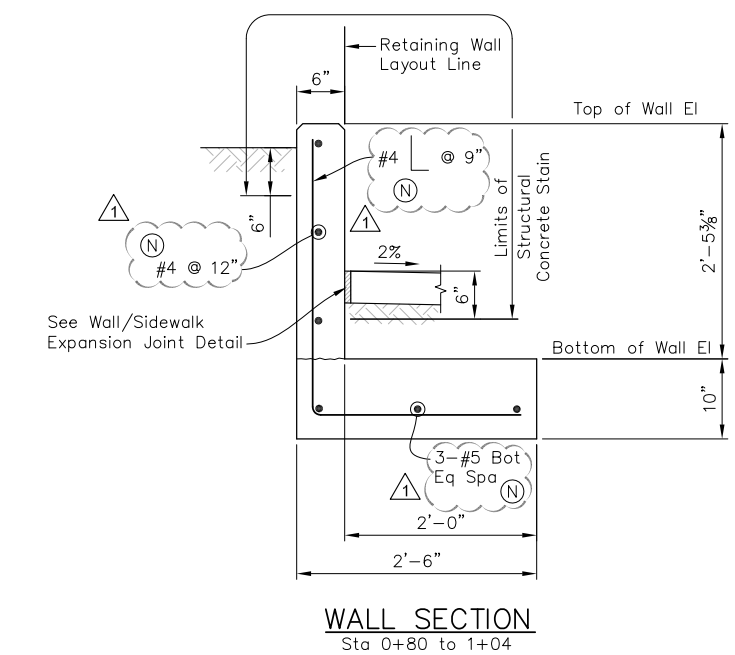
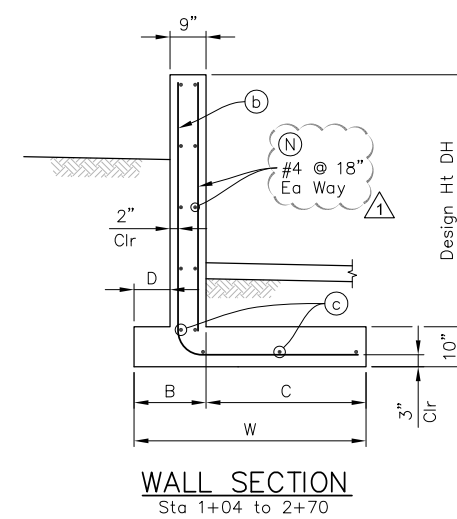
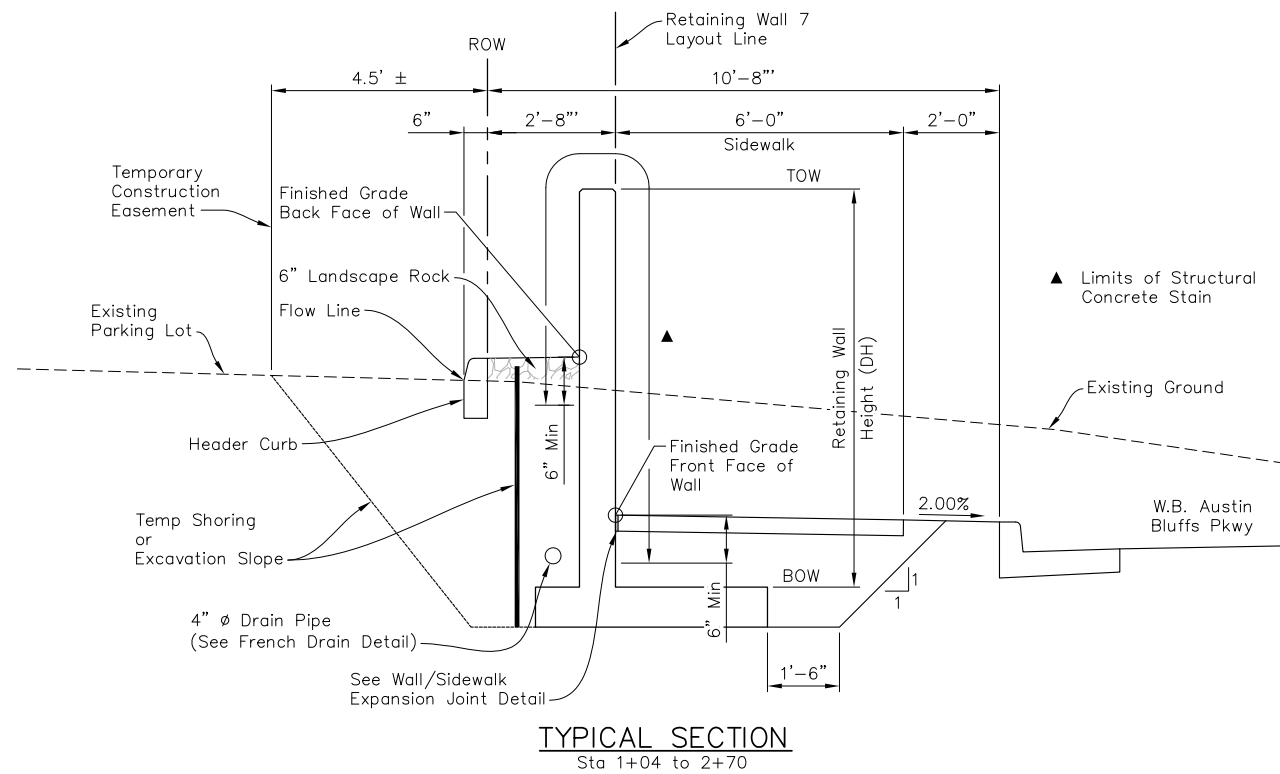
**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: GLG  
DRAWN BY: KPS  
CHECKED BY: MJB

**RFP Set**

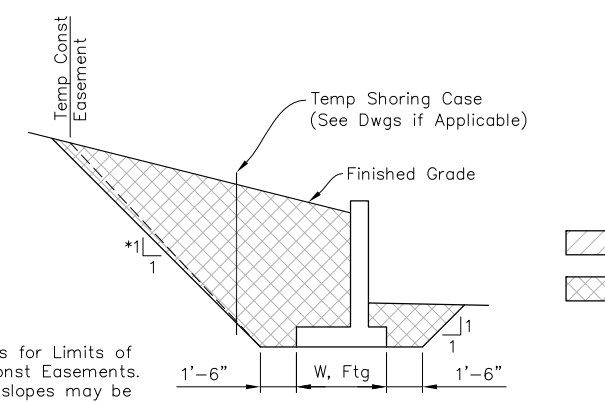
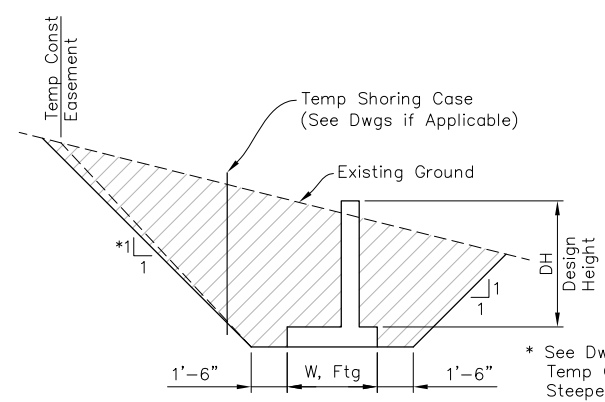


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
RETAINING WALL 7		
GENERAL LAYOUT		
Subset:	RW	Subset Sheets: RW13 of RW17
		Sheet No: 812



- NOTES:**
- All Retaining Wall Concrete shall be Concrete Class D (Retaining Wall).
  - Header Curb shall conform to M-609-1 Curb Type 2 (Section B) and shall be measured and paid for under Item 6" Concrete Curb Head.

TABLE OF RETAINING WALL DIMENSIONS AND REINFORCING STEEL								
WALL DESIGN HT 'DH'	2.0' to 3.5'	3.6' to 4.5'	4.6' to 5.5'	5.6' to 6.5'	6.6' to 7.5'	7.6' to 8.5'	8.6' to 9.5'	
W	2'-0"	2'-3"	2'-9"	2'-9"	3'-0"	3'-8"	4'-9"	
B	1'-3"	1'-3"	1'-3"	1'-3"	1'-3"	1'-6"	2'-3"	
C	9"	1'-6"	1'-3"	1'-6"	1'-9"	2'-2"	2'-6"	
D	6"	6"	6"	6"	6"	9"	1'-6"	
'b' BARS	#5 @ 12"	#5 @ 12"	#5 @ 12"	#5 @ 12"	#5 @ 12"	#5 @ 12"	#5 @ 12"	
'c' BARS	#5 @ 18"	#5 @ 18"	#5 @ 18"	#5 @ 18"	#5 @ 18"	#5 @ 18"	#5 @ 18"	
TOE PRESSURE (SERVICE) (PSF)	624	714	624	772	830	797	716	



**LEGEND**

- Structure Excavation (diagonal hatching)
- Structure Backfill Class 1 (cross-hatching)

\* See Dwgs for Limits of Temp Const Easements. Steeper slopes may be required.

PLOT DATE: 1/31/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/17/11 Initials: KPS
Last Modification Date:	January 2013 Initials: KPS
Full Path:	S:\12.069.024 Austin Bluffs Final\Dwg\Final\Segment 3\Structures\
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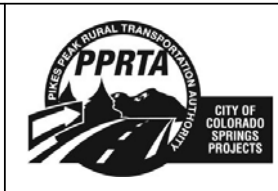
REVISIONS		
No.	Description	Date
1	ADDENDUM NO. 1	02-01-13

**STATEMENT:**  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

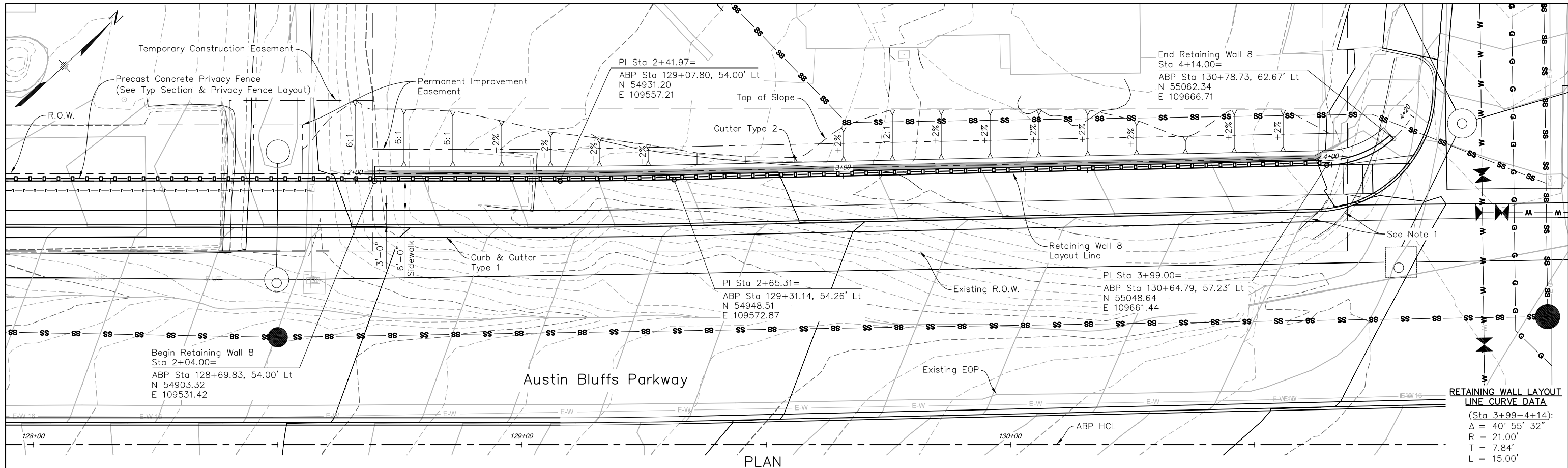
**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: GLG  
DRAWN BY: KPS  
CHECKED BY: MJB

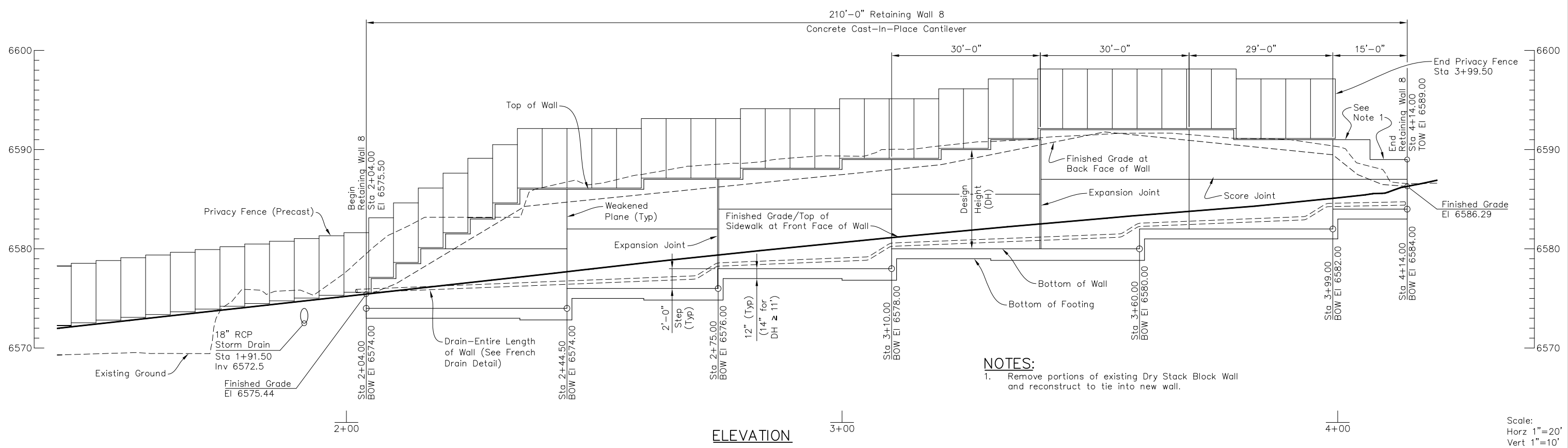
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
RETAINING WALL 7		
TYPICAL SECTION & DETAILS		
Subset:	RW	Subset Sheets: RW14 of RW17 Sheet No: 813



PLAN



ELEVATION

Scale:  
Horz 1"=20'  
Vert 1"=10'

COMPUTER FILE INFORMATION	
Creation Date:	5/17/11
Last Modification Date:	January 2013
Full Path:	S:\12.069.024 Austin Bluffs Final\Dwg\Final\Segment 3\Structures\
Drawing File Name:	RW15 Retaining Wall 8 Layout.dwg
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Scale:	AS SHOWN

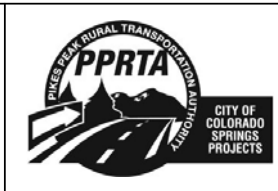
REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: GLG  
DRAWN BY: KPS  
CHECKED BY: MJB

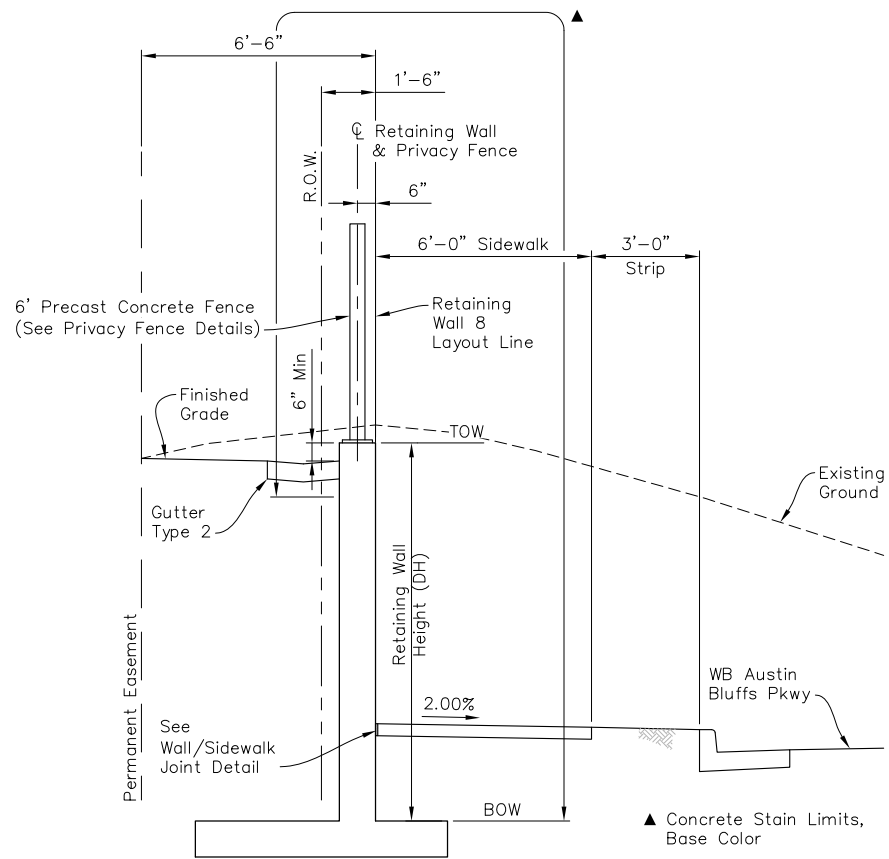
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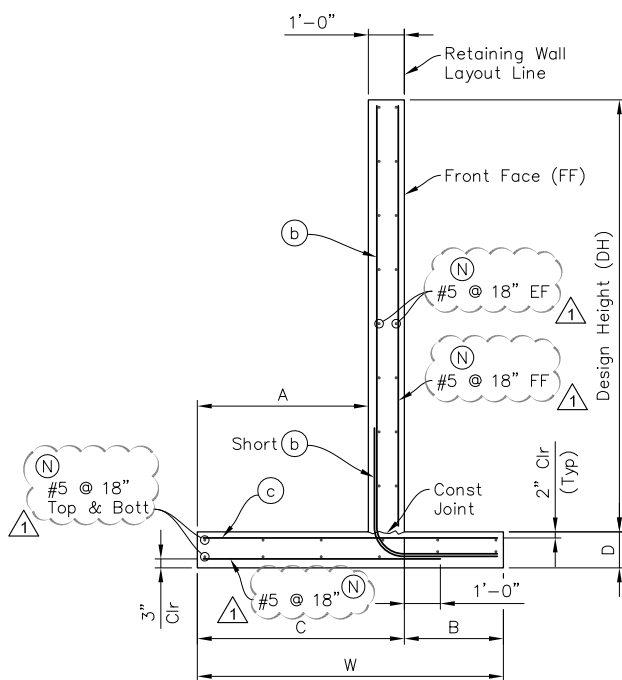
AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
RETAINING WALL 8			
GENERAL LAYOUT			
Subset:	RW	Subset Sheets:	RW15 of RW17
Sheet No:			814

PLOT DATE: 1/16/2013

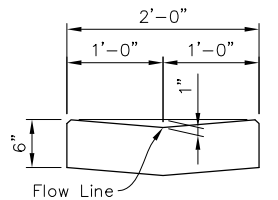




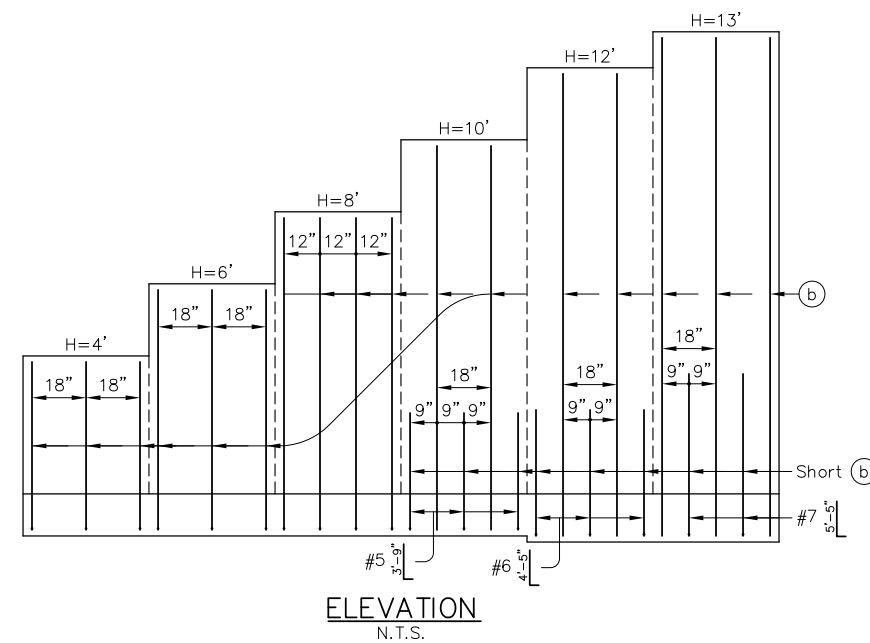
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Sta 2+05.00 to 3+99.50



**WALL SECTION**  
Sta 2+05 to 4+14



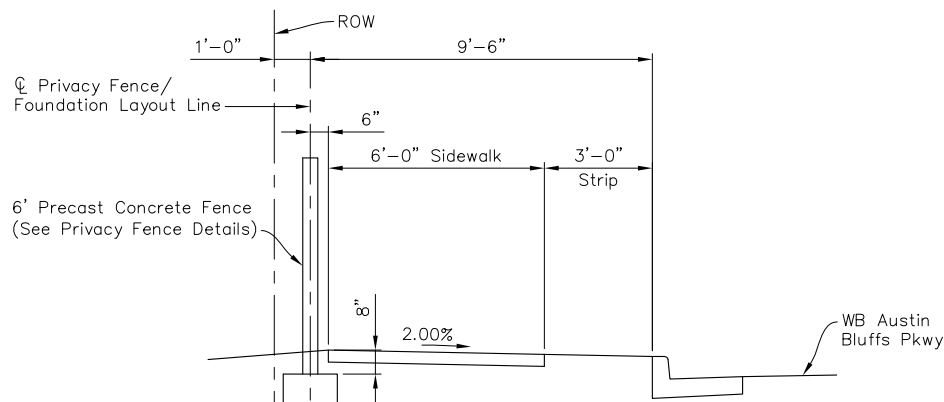
**GUTTER TYPE 2**



**ELEVATION**  
N.T.S.

**TABLE OF RETAINING WALL DIMENSIONS AND REINFORCING STEEL**

WALL DESIGN HT 'DH'	3' to 4'-11"	5' to 6'-11"	7' to 8'-11"	9' to 10'-11"	11' to 12'-6"	12'-7" to 13'-6"
W	3'-3"	4'-6"	6'-0"	7'-3"	9'-9"	10'-6"
A	1'-6"	2'-3"	2'-9"	3'-6"	5'-0"	5'-2"
B	9"	1'-3"	2'-3"	2'-9"	3'-9"	4'-4"
C	2'-6"	3'-3"	3'-9"	4'-6"	6'-0"	6'-2"
D	12"	12"	12"	12"	14"	14"
b' BARS (N)	#4 @ 18"	#5 @ 18"	#5 @ 12"	#5 @ 18"	#6 @ 18"	#7 @ 18"
short 'b' BARS (N)	-	-	-	#5 @ 18"	#6 @ 18"	#7 @ 18"
c' BARS (N)	#5 @ 18"	#5 @ 18"	#5 @ 12"	#5 @ 9"	#5 @ 9"	#6 @ 9"
TOE PRESSURE (SERVICE) (PSF)	1276	1455	1402	1456	1432	1465



**TYPICAL SECTION PRIVACY FENCE**

Note: All retaining wall concrete shall be Concrete Class D (Retaining Wall).

**RETAINING WALL ELEVATIONS & HEIGHTS**

RETAINING WALL 8 STATION	TOP OF WALL ELEVATION	BOTTOM OF WALL ELEVATION	DESIGN HEIGHT DH (ft)	RETAINING WALL 8 STATION	TOP OF WALL ELEVATION	BOTTOM OF WALL ELEVATION	DESIGN HEIGHT DH (ft)
2+04.00	6575.50	6574.00	1.50	3+00.00	6589.00	6578.00	11.00
2+05.50	6575.50	6574.00	1.50	3+10.00	6589.00	6578.00	11.00
2+05.50	6577.00	6574.00	3.00	3+10.00	6589.00	6580.00	9.00
2+10.00	6577.00	6574.00	3.00	3+20.00	6589.00	6580.00	9.00
2+10.00	6578.50	6574.00	4.50	3+20.00	6590.00	6580.00	10.00
2+15.00	6578.50	6574.00	4.50	3+30.00	6590.00	6580.00	10.00
2+15.00	6580.00	6574.00	6.00	3+30.00	6591.00	6580.00	11.00
2+20.00	6580.00	6574.00	6.00	3+40.00	6591.00	6580.00	11.00
2+20.00	6581.50	6574.00	7.50	3+40.00	6592.00	6580.00	12.00
2+25.00	6581.50	6574.00	7.50	3+60.00	6592.00	6580.00	12.00
2+25.00	6583.00	6574.00	9.00	3+60.00	6592.00	6582.00	10.00
2+30.00	6583.00	6574.00	9.00	3+79.00	6592.00	6582.00	10.00
2+30.00	6584.50	6574.00	10.50	3+79.00	6591.00	6582.00	9.00
2+35.00	6584.50	6574.00	10.50	3+99.00	6591.00	6582.00	9.00
2+35.00	6586.00	6574.00	12.00	3+99.00	6591.00	6584.00	7.00
2+40.00	6586.00	6576.00	10.00	4+06.50	6591.00	6584.00	7.00
2+60.00	6586.00	6576.00	10.00	4+06.50	6588.50	6584.00	4.50
2+60.00	6587.00	6576.00	11.00	4+14.00	6588.50	6584.00	4.50
2+75.00	6587.00	6576.00	11.00				
2+75.00	6587.00	6578.00	9.00				
2+80.00	6587.00	6578.00	9.00				
2+80.00	6588.00	6578.00	10.00				
3+00.00	6588.00	6578.00	10.00				

PLOT DATE: 1/31/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/17/11 Initials: KPS
Last Modification Date:	January 2013 Initials: KPS
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Drawing File Name:	RW16 Retaining Wall 8 Typ Sect.dwg
Acad Ver:	2012 Scale: AS SHOWN

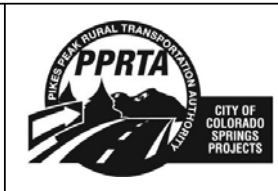
REVISIONS		
No.	Description	Date
1	ADDENDUM NO. 1	02-01-13

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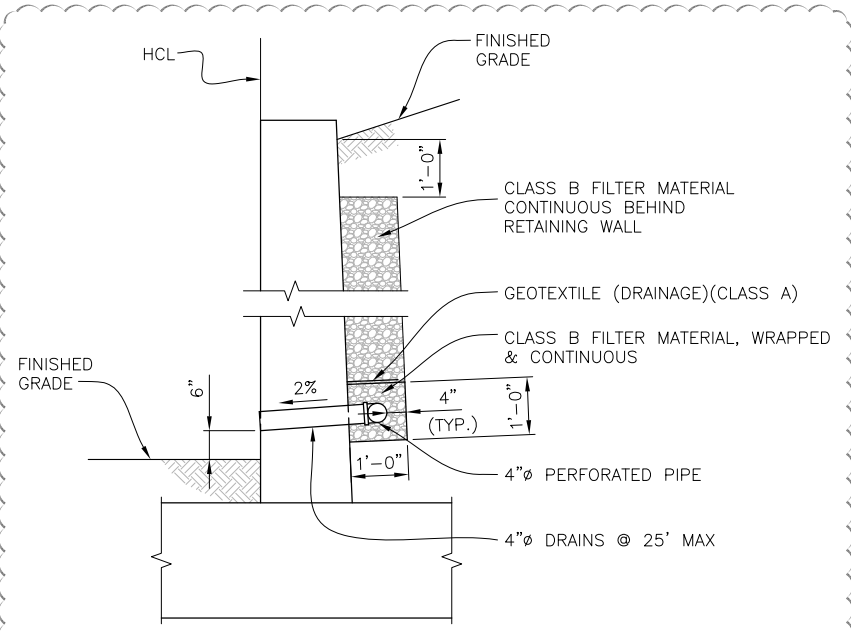
**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920, 719.575.0100

DESIGNED BY: GLG  
DRAWN BY: KPS  
CHECKED BY: MJB

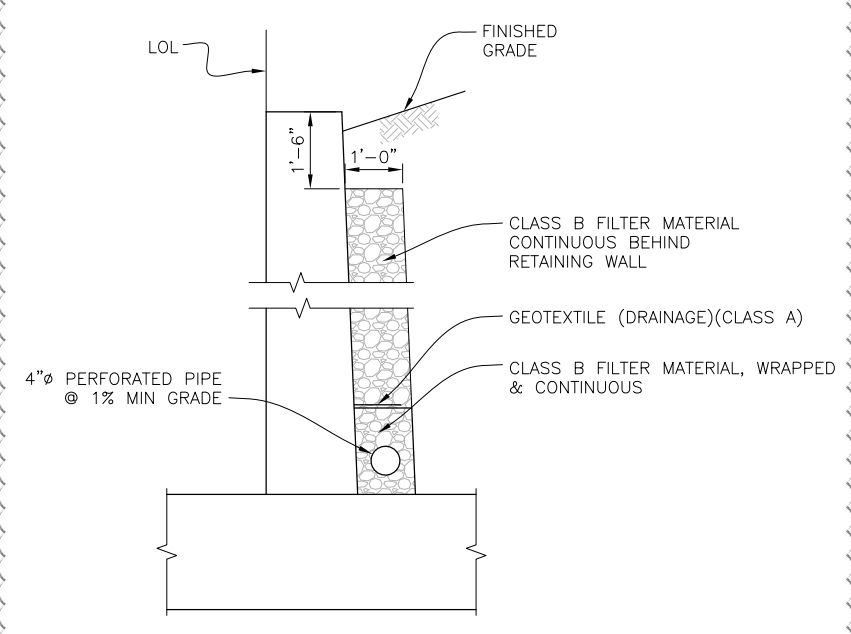
**RFP Set**



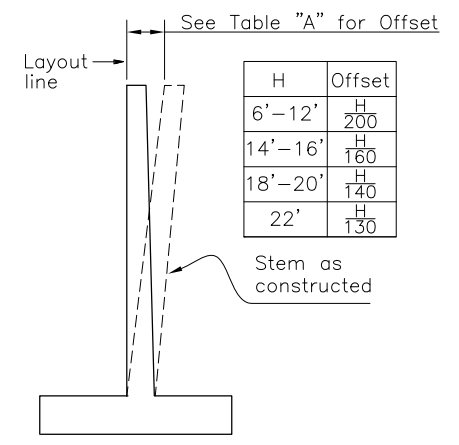
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
RETAINING WALL 8 TYPICAL SECTION & DETAILS		
Subset:	RW	Subset Sheets: RW16 of RW17 Sheet No: 815



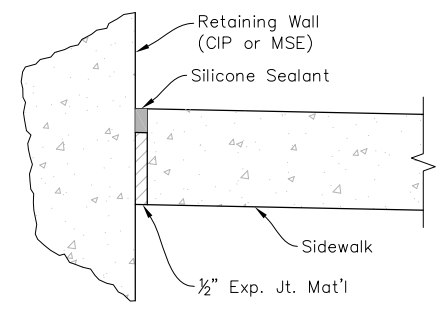
**WALL DRAIN**



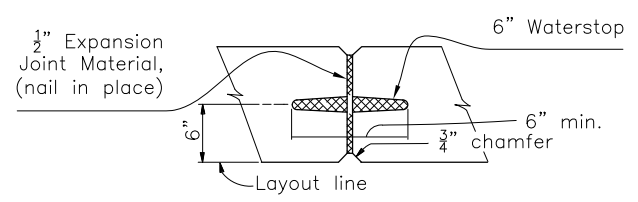
**FRENCH DRAIN**



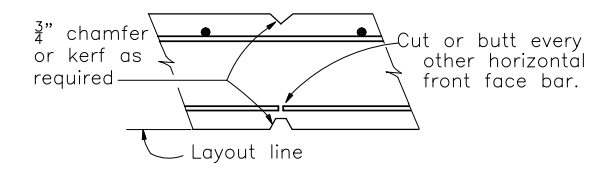
**WALL OFFSETS**



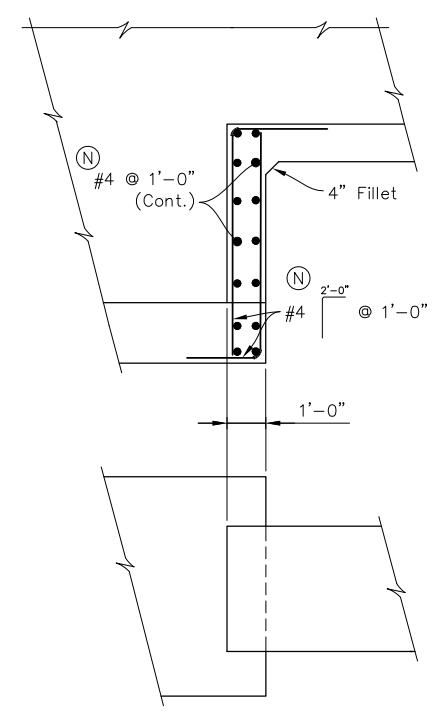
**WALL/SIDEWALK JOINT DETAIL**



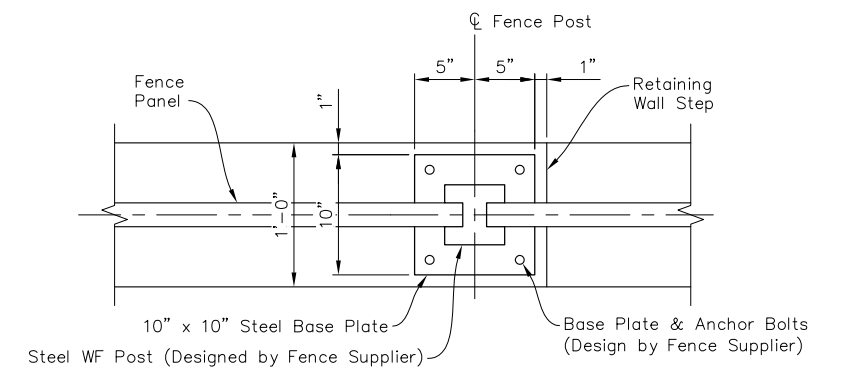
**EXPANSION JOINT**



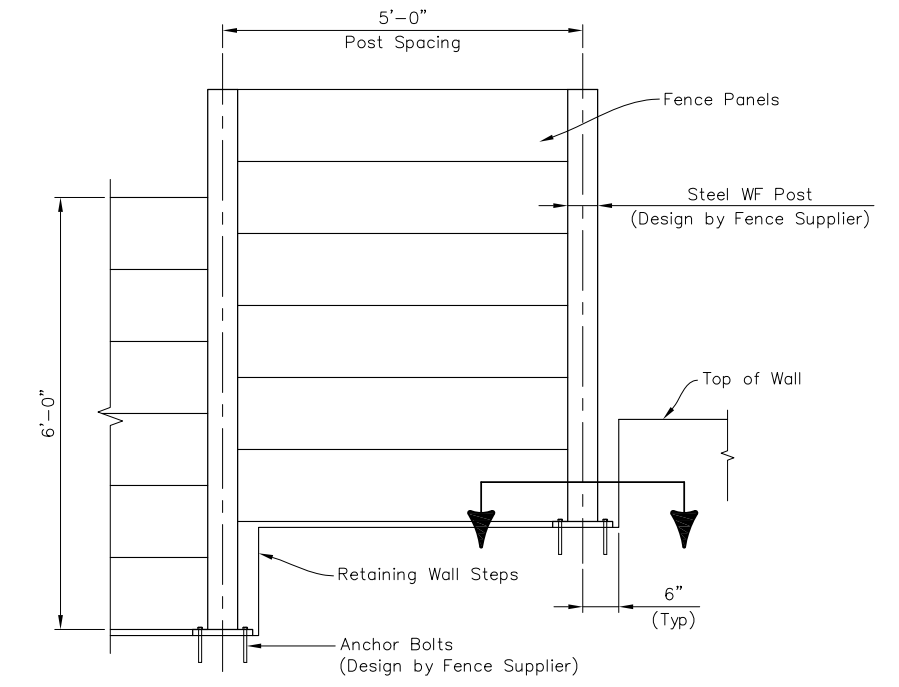
**WEAKENED PLANE**



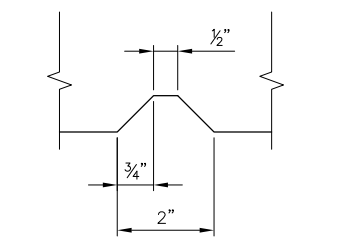
**FOOTING STEP**



**SECTION**



**ELEVATION  
FENCE STEP DETAILS**



**SCORE JOINT (PLAN)**

**NOTES:**

1. See PRF03 for Precast Fence Wall System details. Steel Posts shall be installed in lieu of Precast Line Post for Privacy Fence from Station 2+04 to 3+99.
2. Fence Wall System Panels, Caps, and Line Posts, Surface Color shall be Beige, conforming to Federal Standard 595B, color 33446.

PLOT DATE: 1/31/2013

COMPUTER FILE INFORMATION	
Creation Date:	5/17/11
Last Modification Date:	January 2013
Full Path:	S:\12.069.024 Austin Bluffs Final\Dwg\Final\Segment 3\Structures\
Drawing File Name:	RW17 Retaining Wall Details.dwg
Acad Ver.	2012
Scale:	AS SHOWN

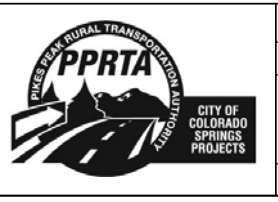
REVISIONS		
No.	Description	Date
1	ADDENDUM NO. 1	02-01-13

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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100

DESIGNED BY: GLG  
DRAWN BY: KPS  
CHECKED BY: MJB

**RFP Set**



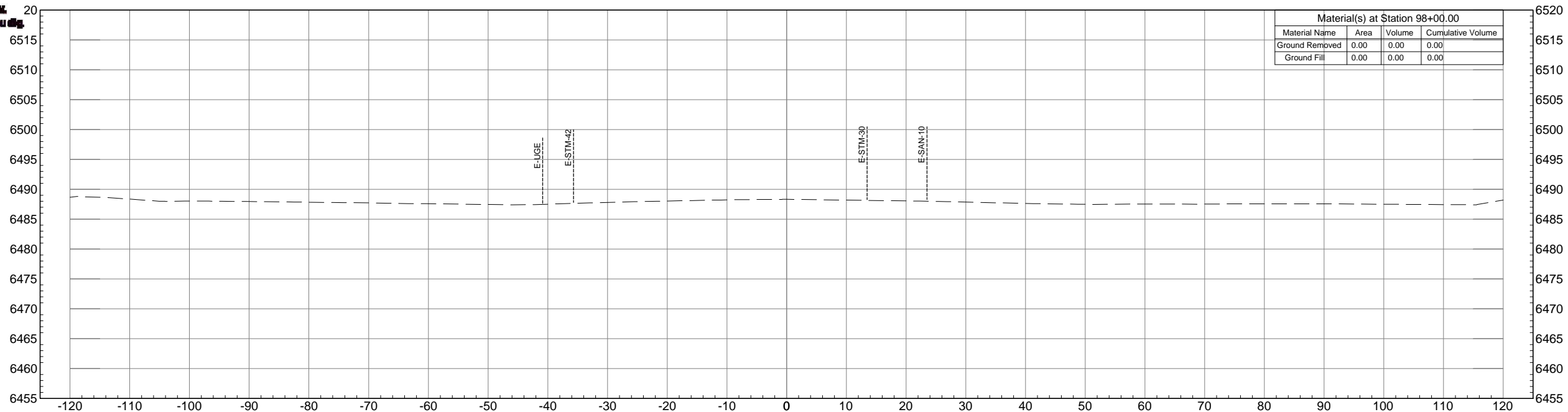
AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
RETAINING WALL DETAILS			
Subset:	RW	Subset Sheets:	RW17 of RW17
			Sheet No: 816



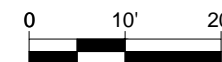
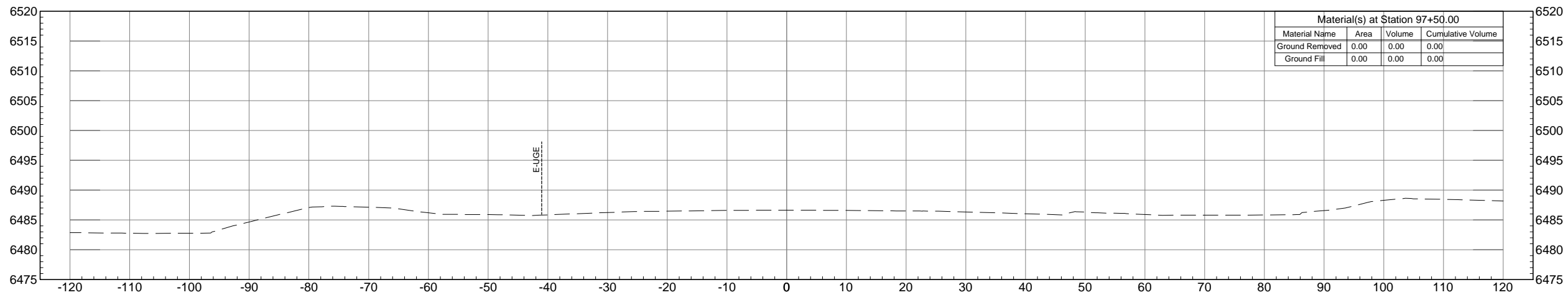


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COMPUTER FILE INFORMATION	
Creation Date: 9-22-12	Initials: NAB
Last Modification Date: 01-16-13	Initials: MAB
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Drawing File Name: XS01-XS44.dwg	
Acad Ver. 2011	Scale: AS SHOWN

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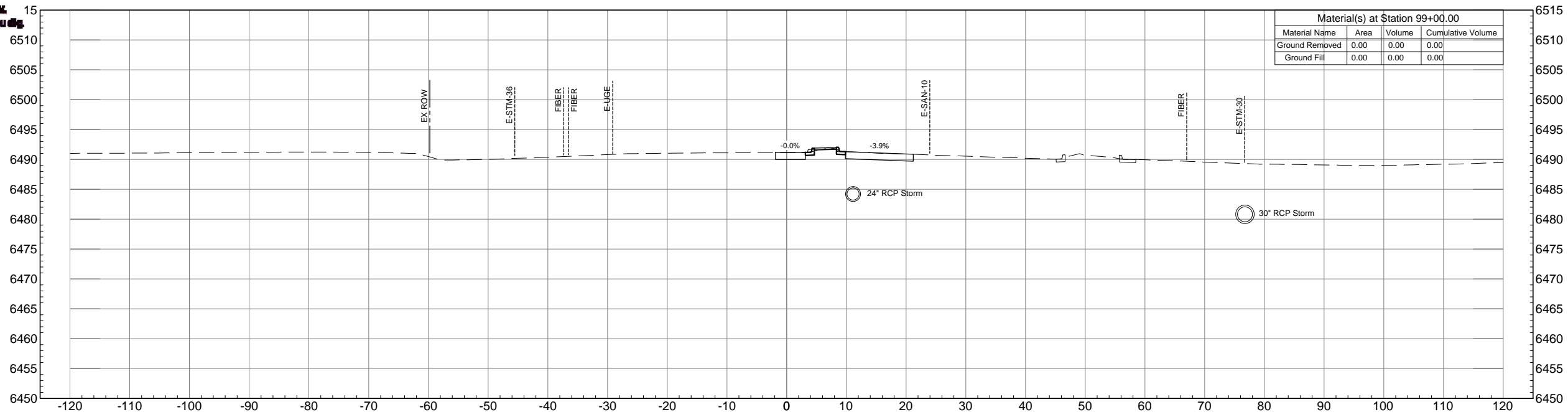


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Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
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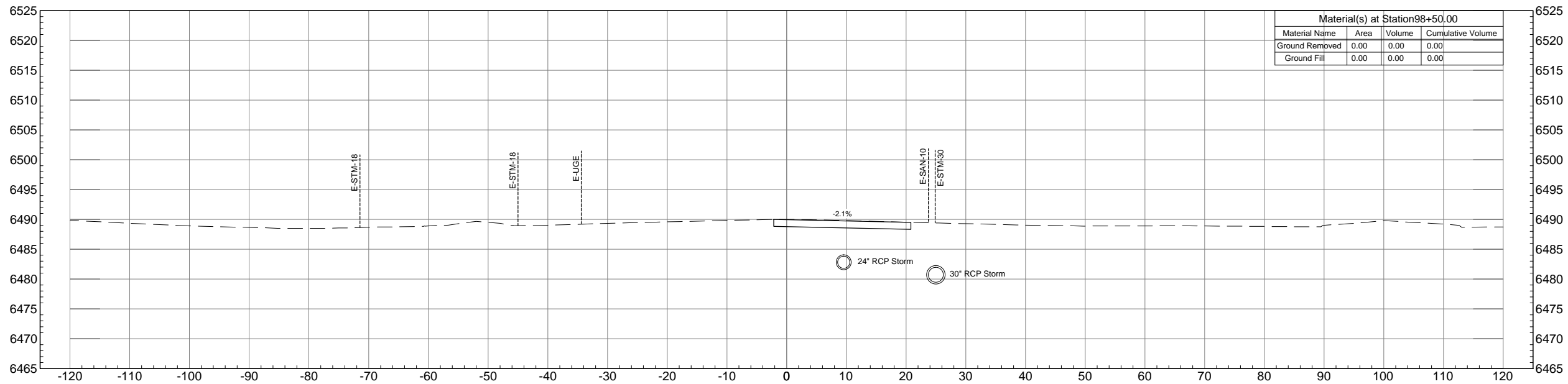


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Acad Ver. 2011	Scale: AS SHOWN

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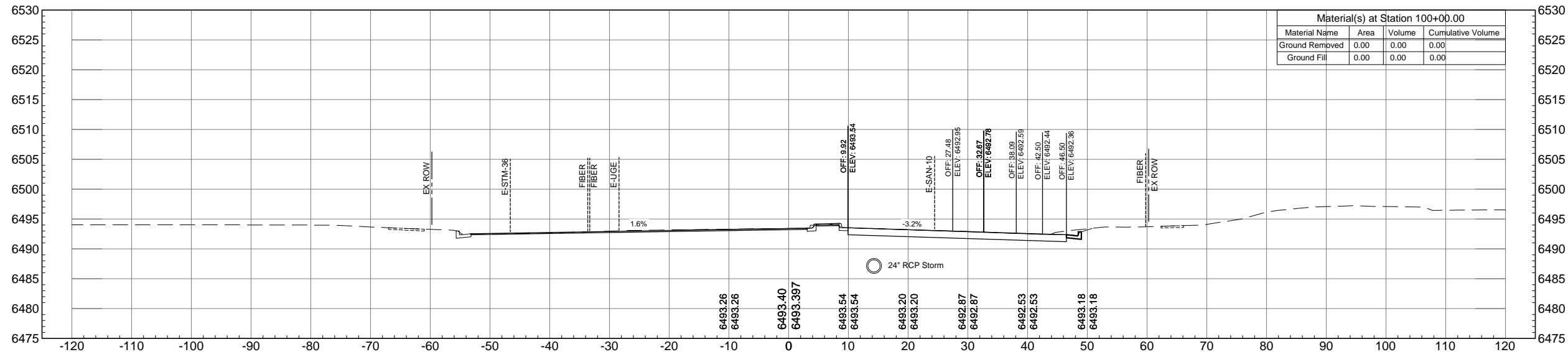


AUSTIN BLUFFS PARKWAY			
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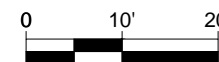
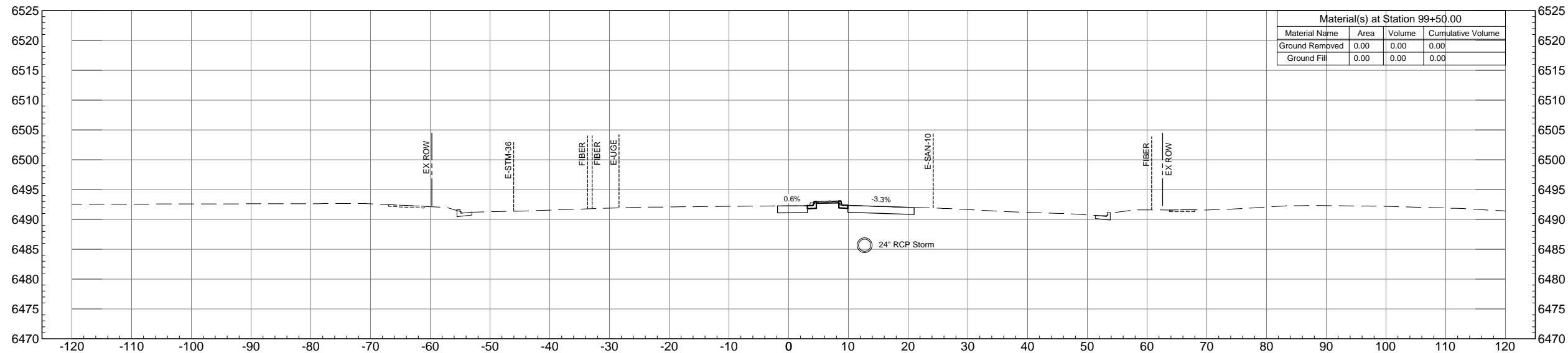


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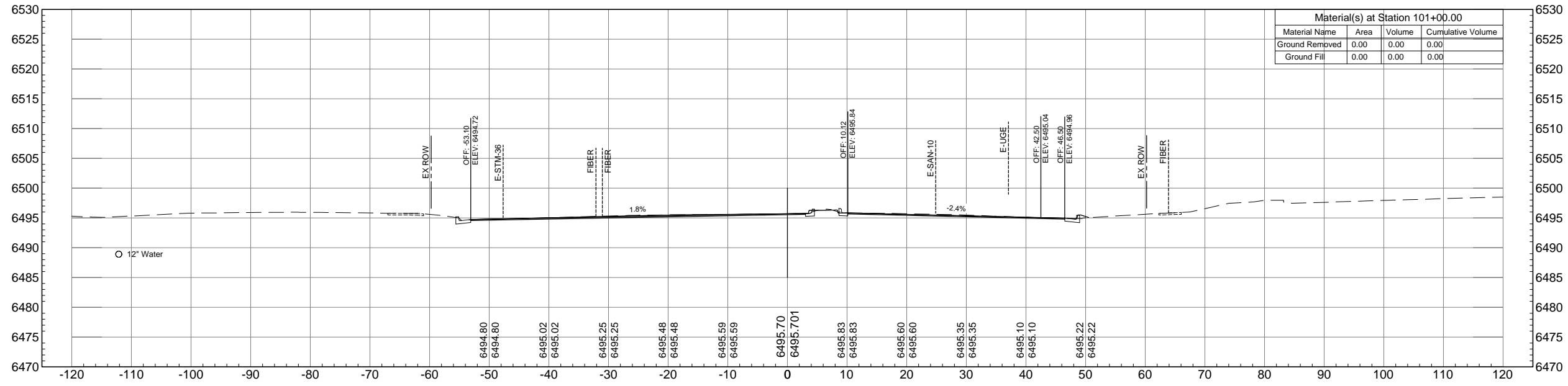


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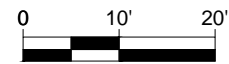
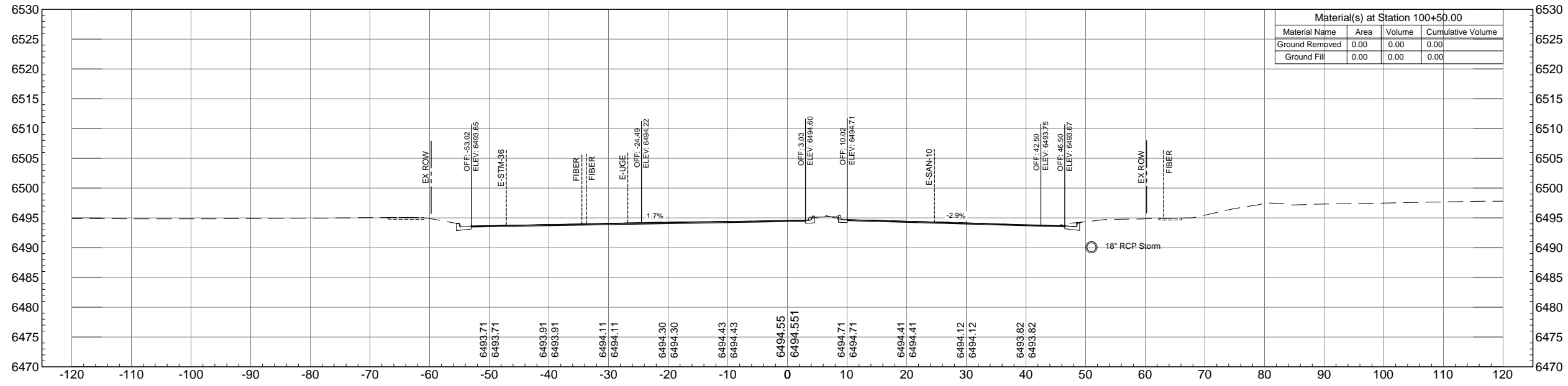


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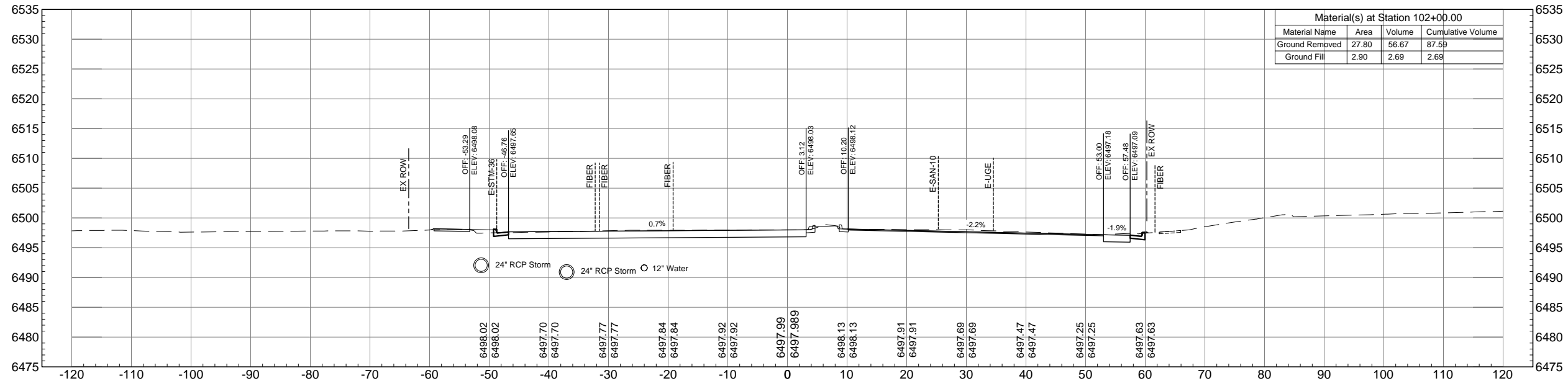


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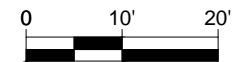
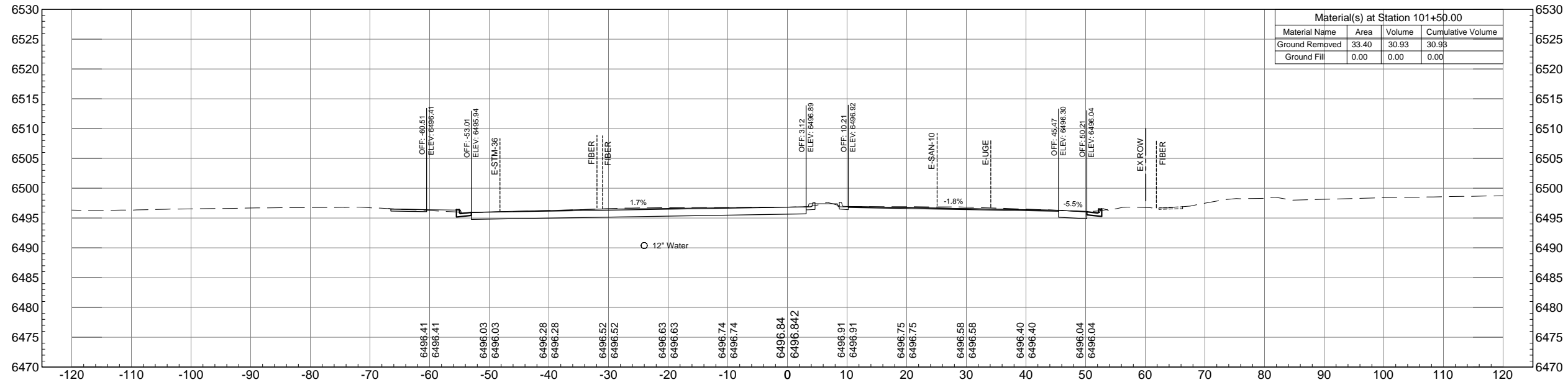


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Creation Date: 9-22-12	Initials: NAB
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Drawing File Name: XS01-XS44.dwg	
Acad Ver. 2011	Scale: AS SHOWN

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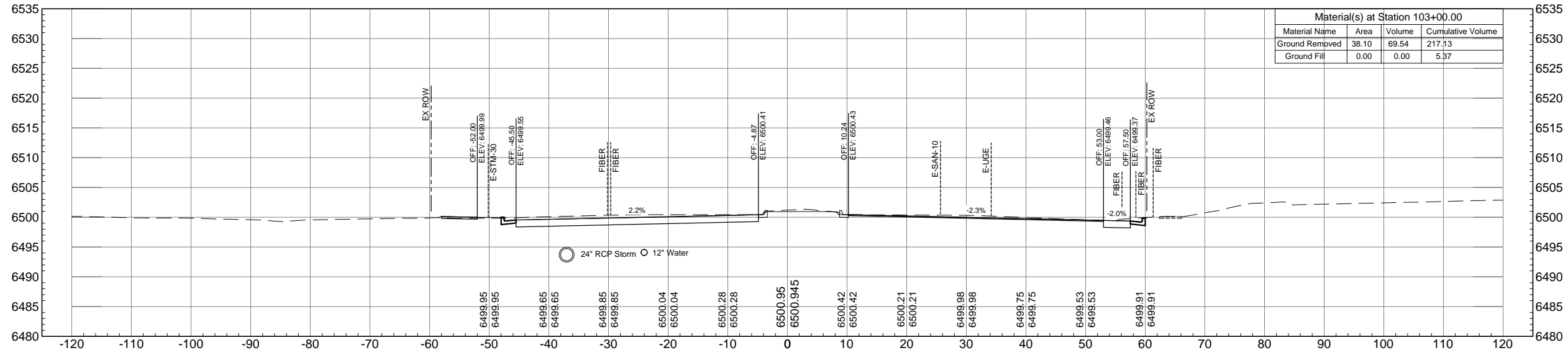


AUSTIN BLUFFS PARKWAY			
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ROADWAY CROSS SECTIONS			
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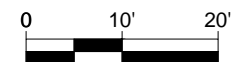
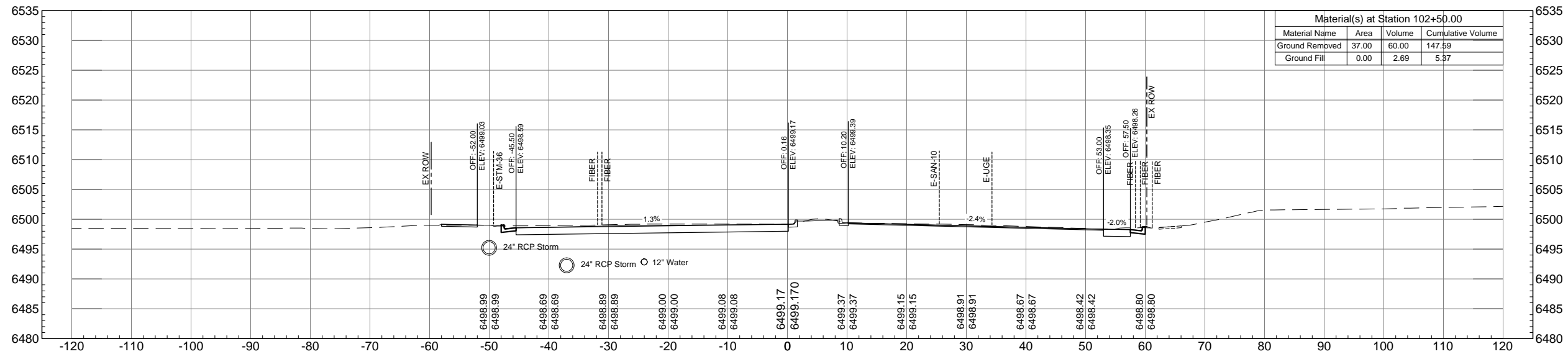


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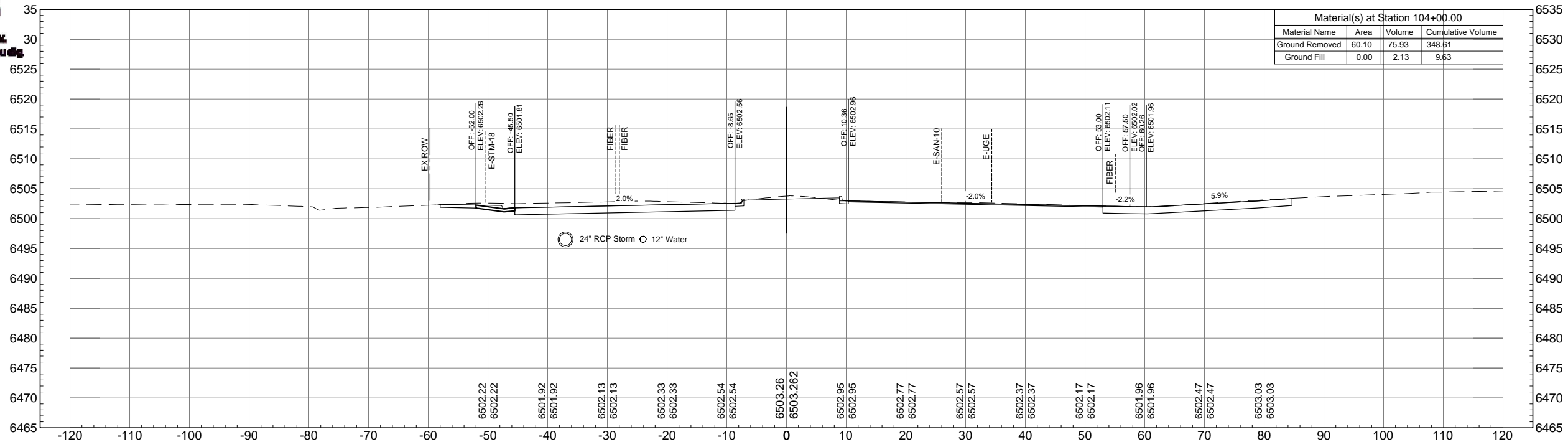


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
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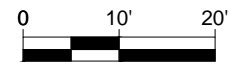
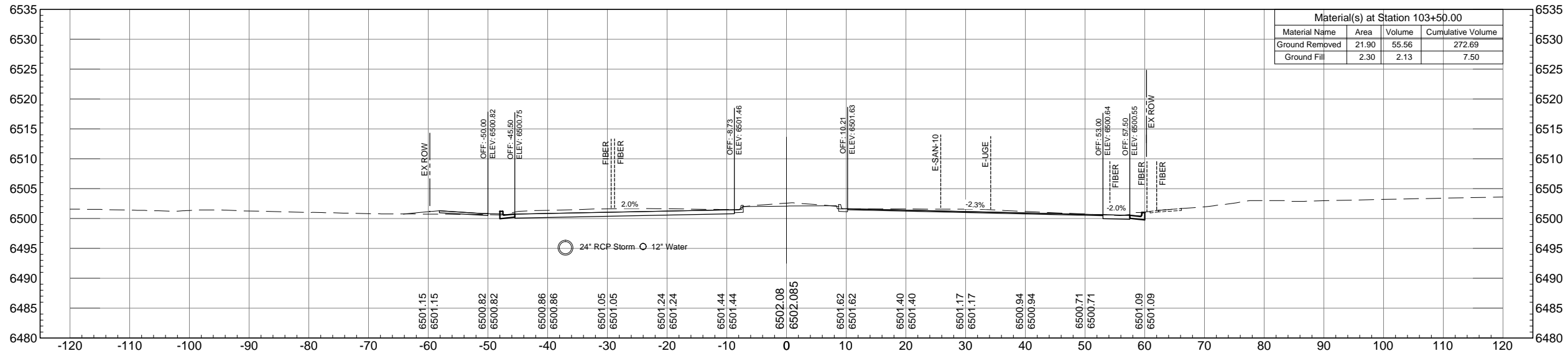


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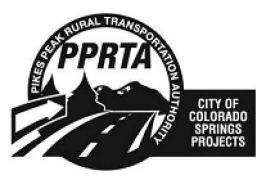
REVISIONS		
No.	Description	Date

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**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY:  
DRAWN BY:  
CHECKED BY:

**RFP Set**

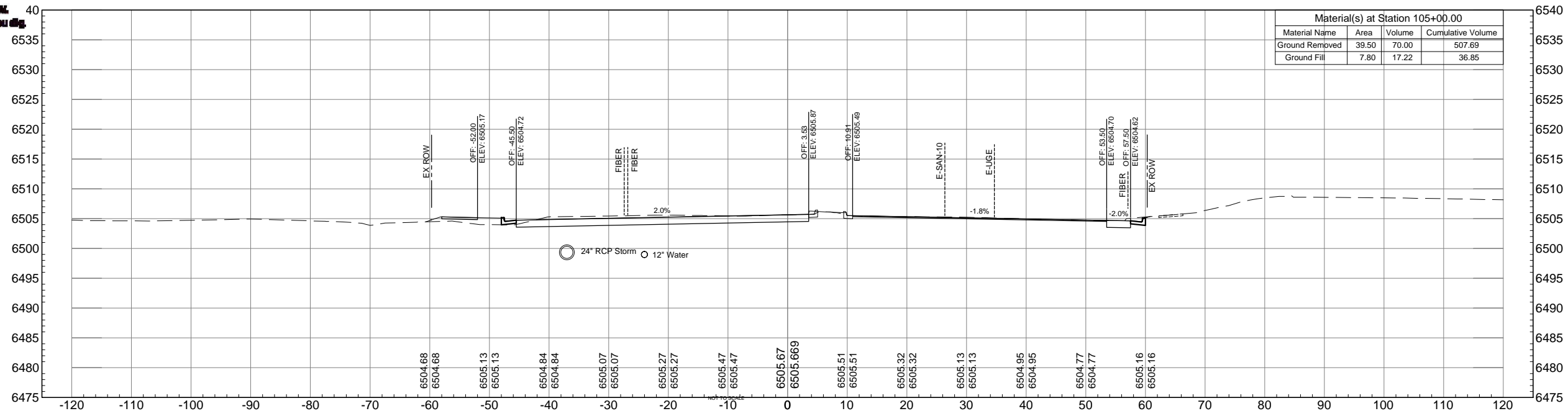


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY CROSS SECTIONS			
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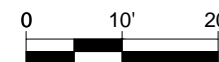
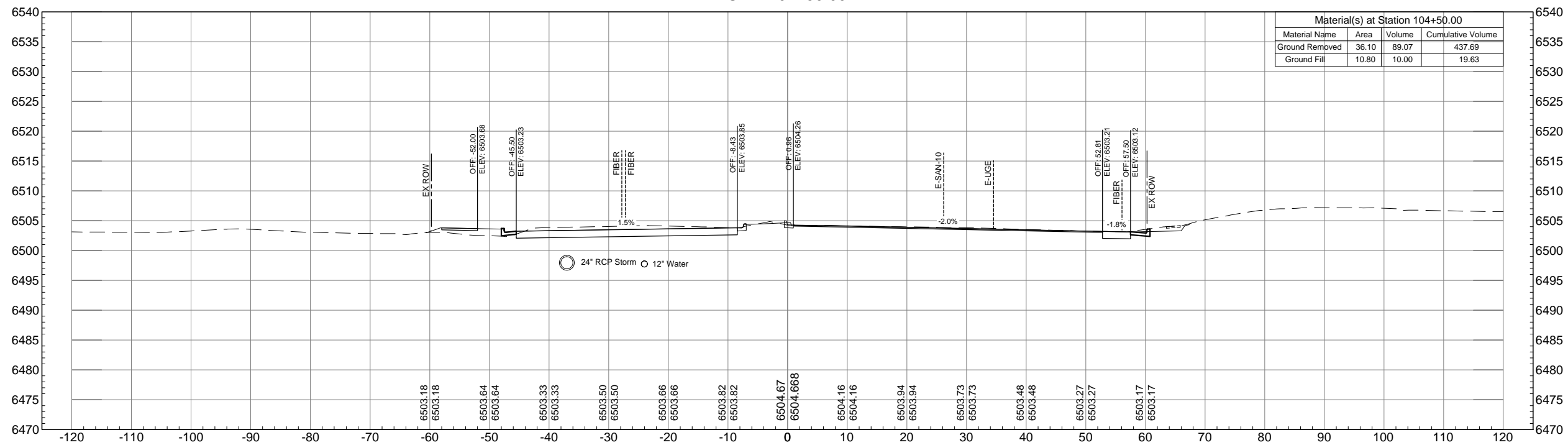


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Creation Date: 9-22-12	Initials: NAB
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REVISIONS		
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DESIGNED BY:  
DRAWN BY:  
CHECKED BY:

**RFP Set**



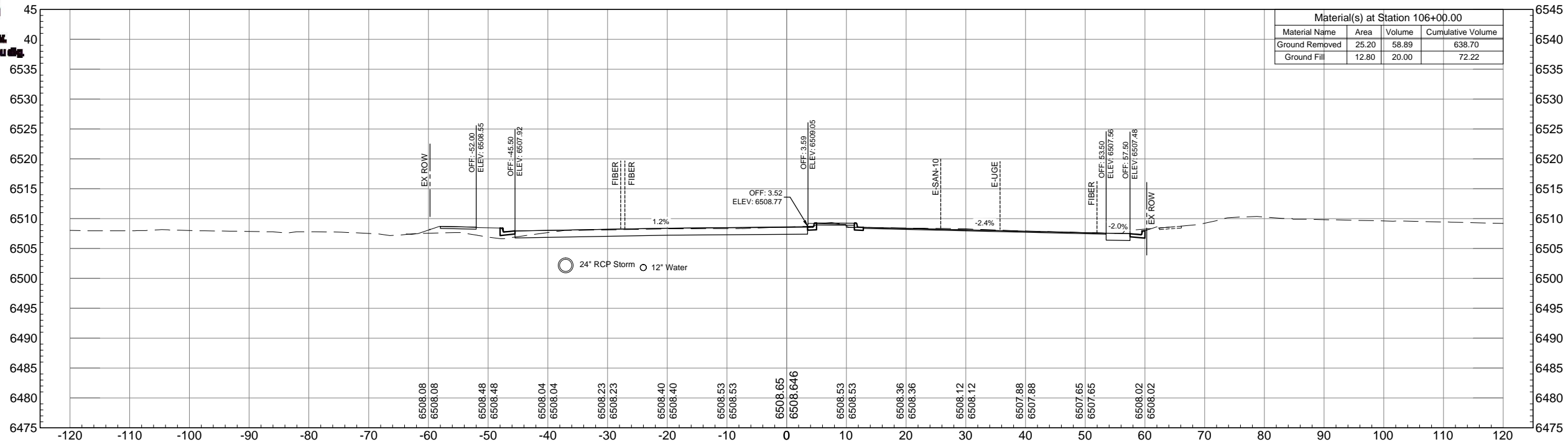
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Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY CROSS SECTIONS			
Subset: X-SECTIONS	Subset Sheets: XS8 OF XS44	Sheet No: 824	





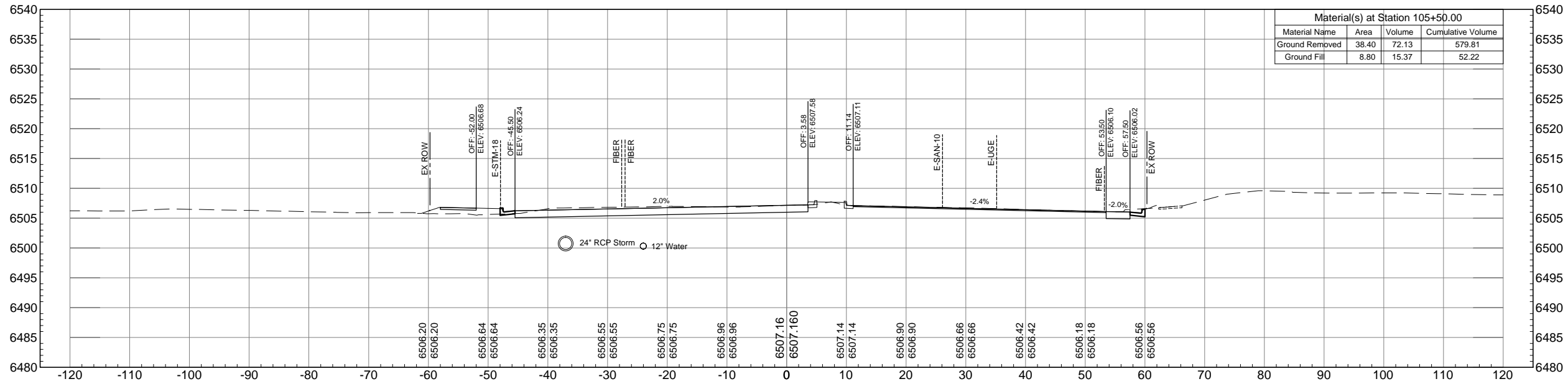
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### STA. 106+00.00

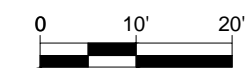


Material(s) at Station 106+00.00			
Material Name	Area	Volume	Cumulative Volume
Ground Removed	25.20	58.89	638.70
Ground Fill	12.80	20.00	72.22

### STA. 105+50.00



Material(s) at Station 105+50.00			
Material Name	Area	Volume	Cumulative Volume
Ground Removed	38.40	72.13	579.81
Ground Fill	8.80	15.37	52.22



PLOT DATE: 1/16/2013

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Drawing File Name: XS01-XS44.dwg	
Acad Ver. 2011	Scale: AS SHOWN

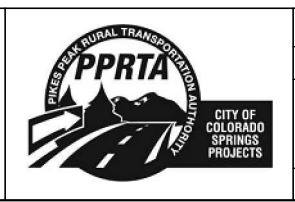
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No.	Description	Date

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Colorado Springs, CO 80920  
719.575.0100

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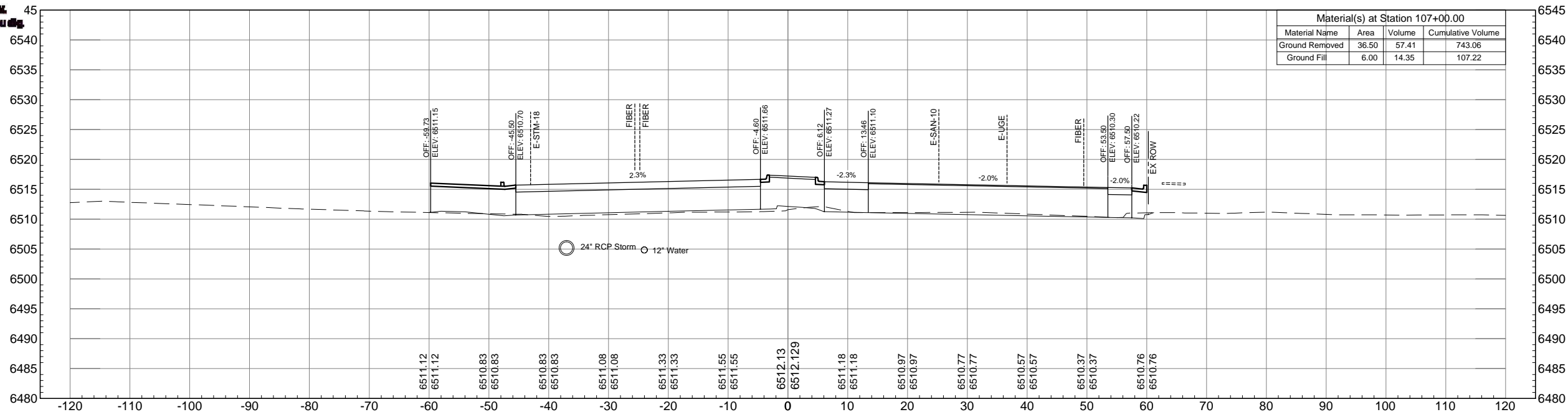


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY CROSS SECTIONS			
Subset: X-SECTIONS	Subset Sheets: XS9 OF XS44	Sheet No: 825	

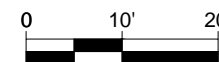
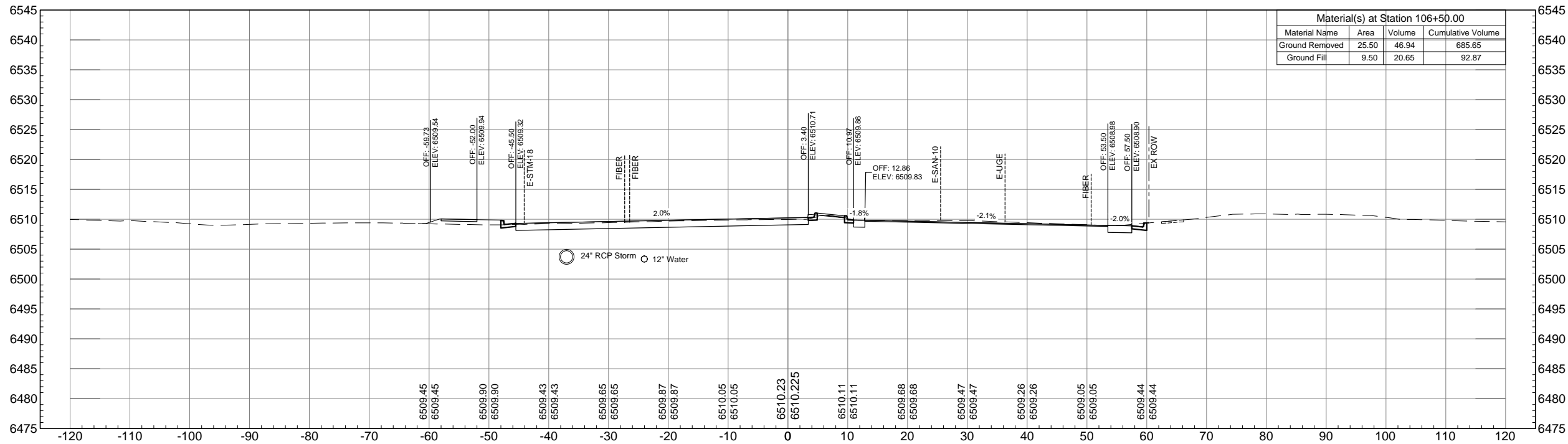


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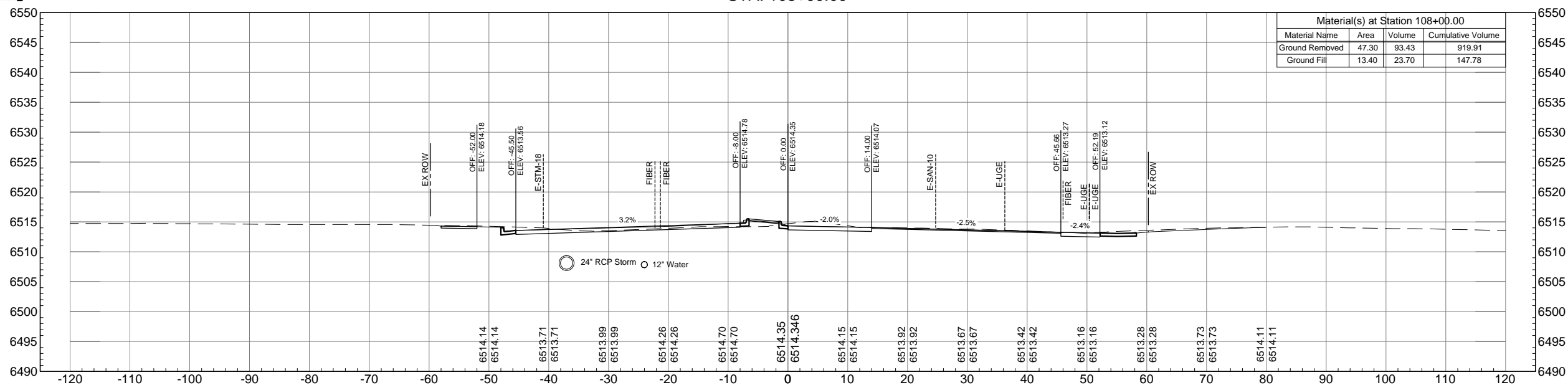
CITY OF COLORADO SPRINGS PROJECTS

AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY CROSS SECTIONS			
Subset: X-SECTIONS	Subset Sheets: XS10 OF XS44	Sheet No: 826	

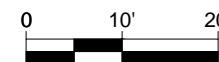
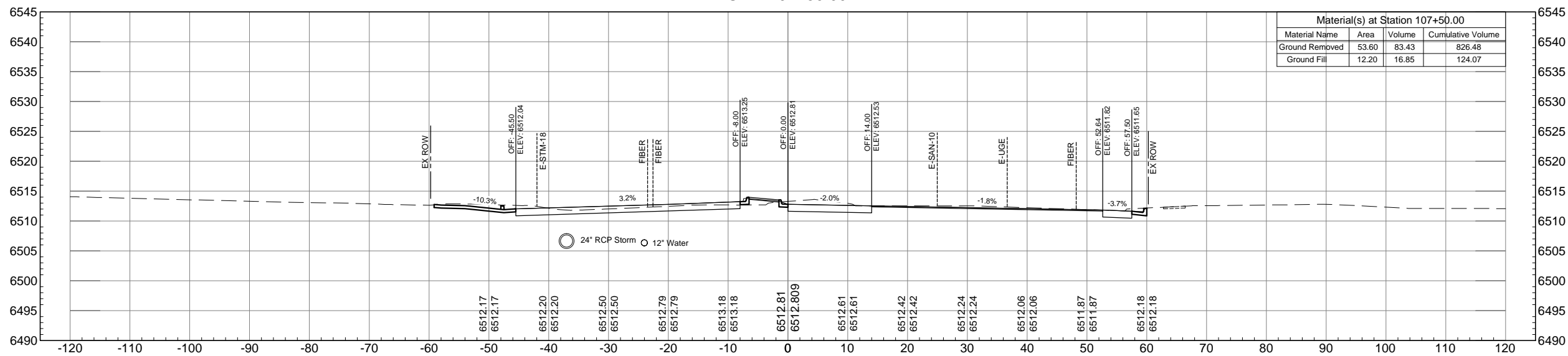


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### STA. 107+50.00



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Drawing File Name: XS01-XS44.dwg	
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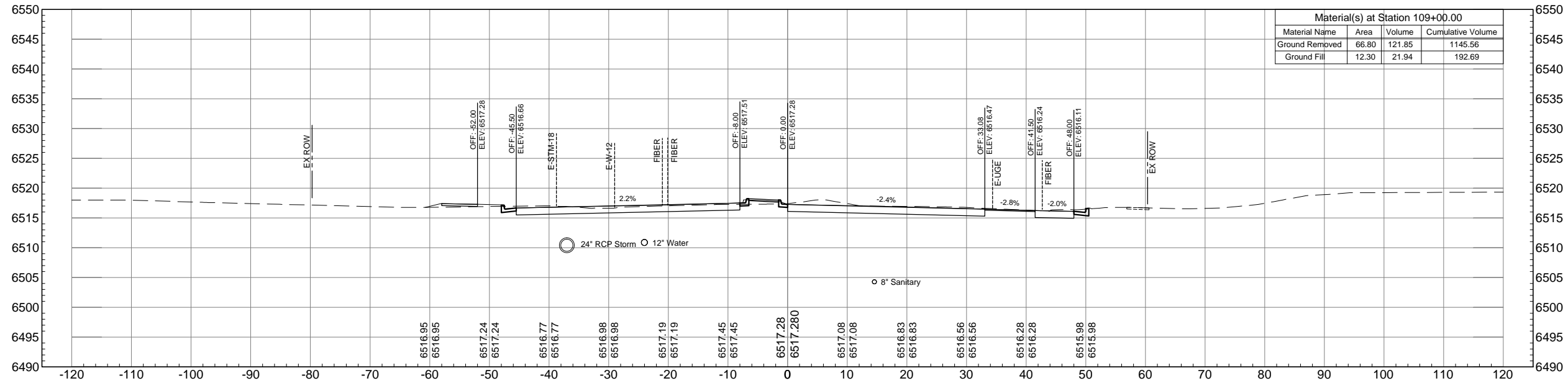


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY CROSS SECTIONS			
Subset: X-SECTIONS	Subset Sheets: XS11 OF XS44	Sheet No: 827	

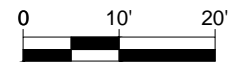
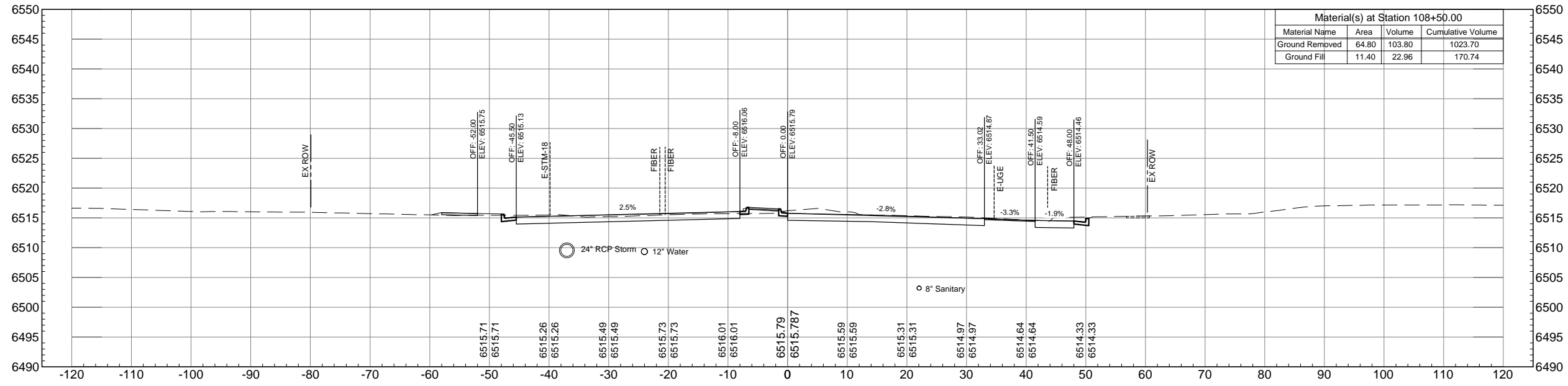


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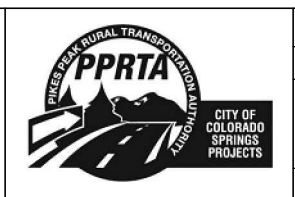
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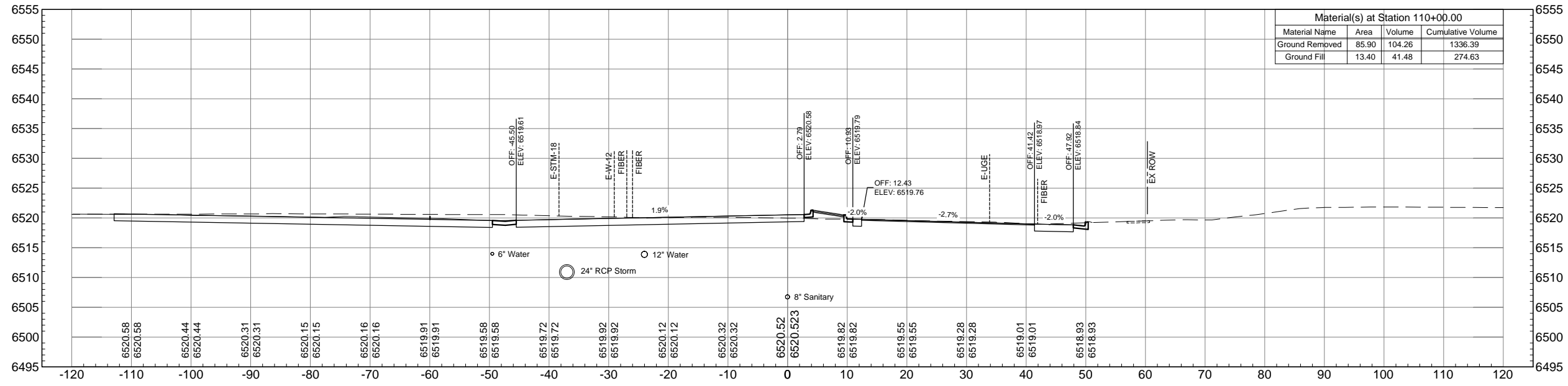


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS12 OF XS44	Sheet No: 828

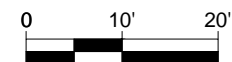
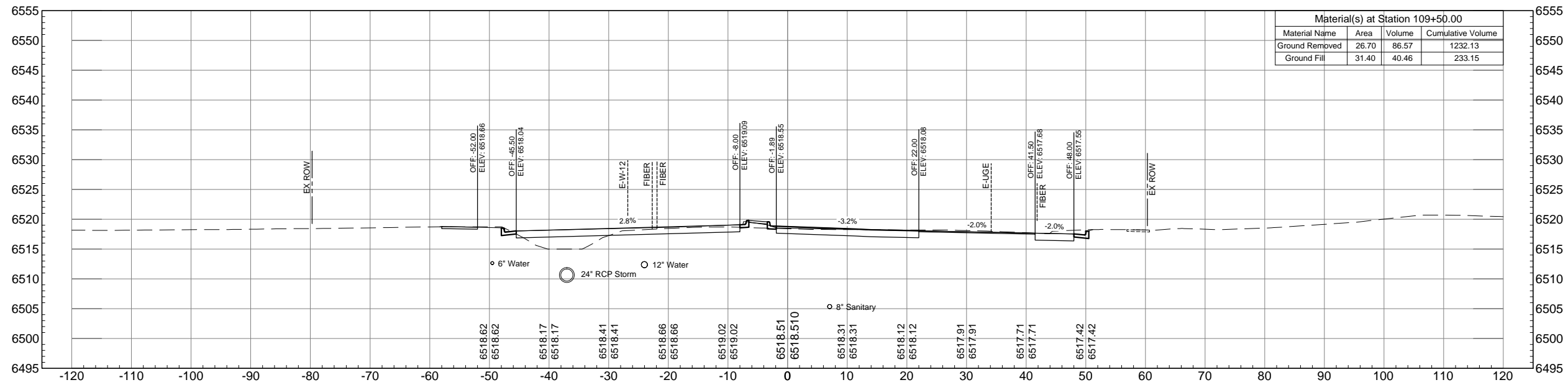


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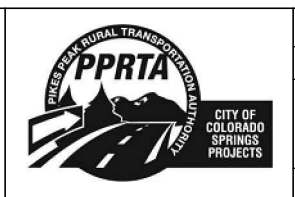
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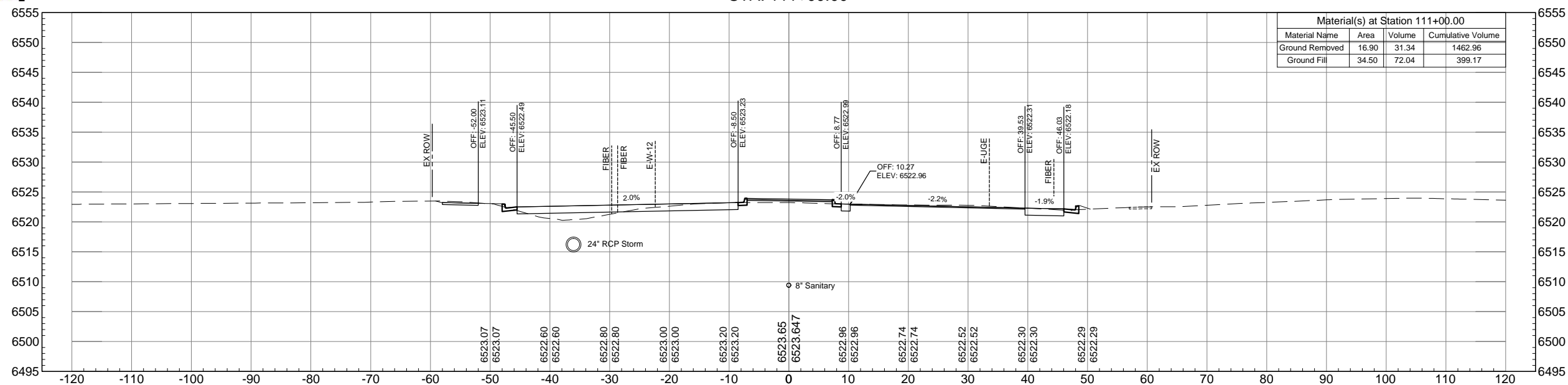


AUSTIN BLUFFS PARKWAY			
Segment 3 - Barnes Rd. to Old Farm Dr.			
ROADWAY CROSS SECTIONS			
Subset: X-SECTIONS	Subset Sheets: XS13 OF XS44	Sheet No: 829	

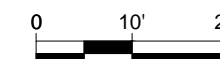
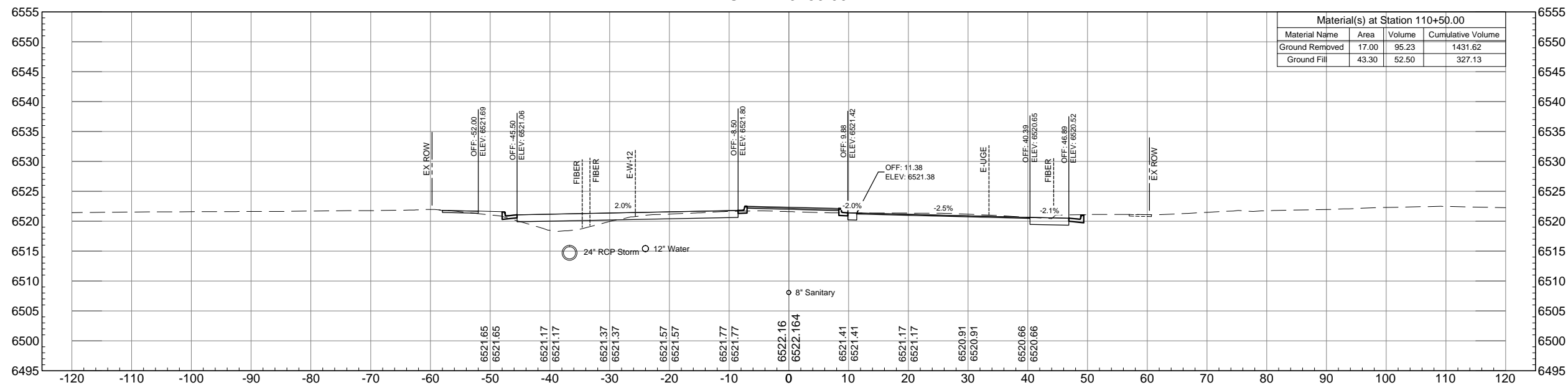


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Drawing File Name: XS01-XS44.dwg	
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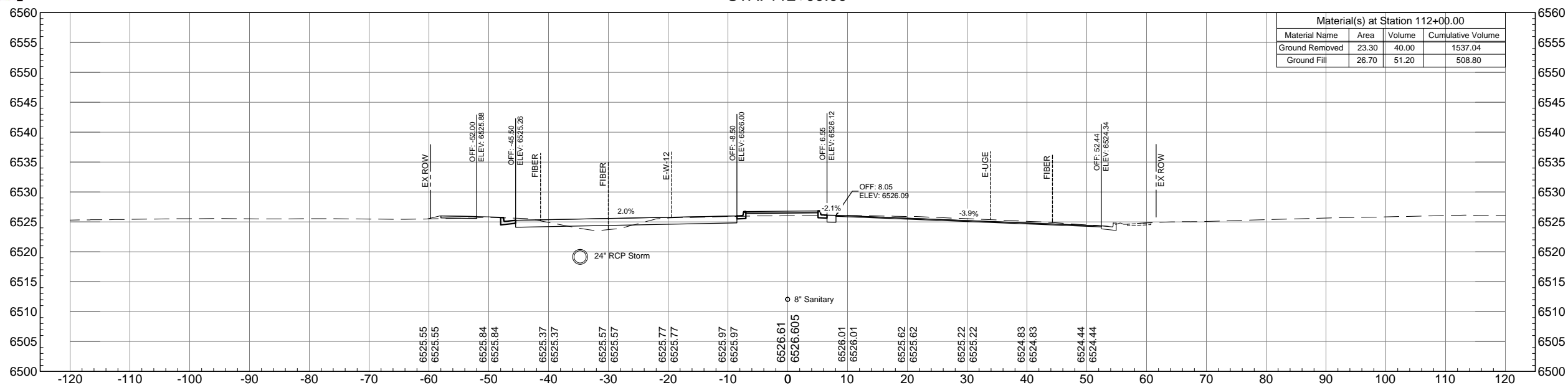


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS14 OF XS44	Sheet No: 830

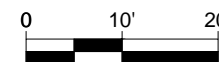
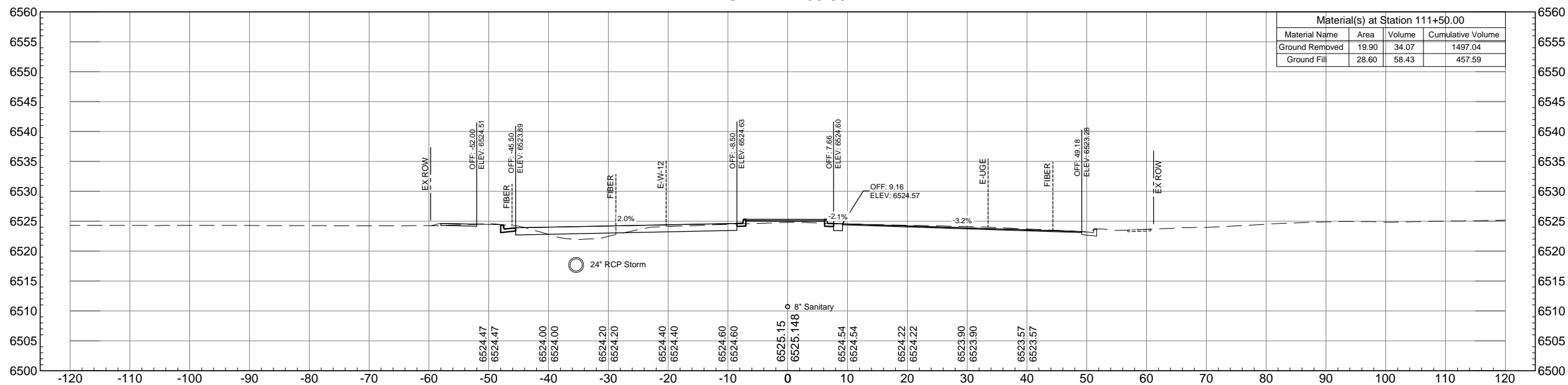


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Drawing File Name: XS01-XS44.dwg	
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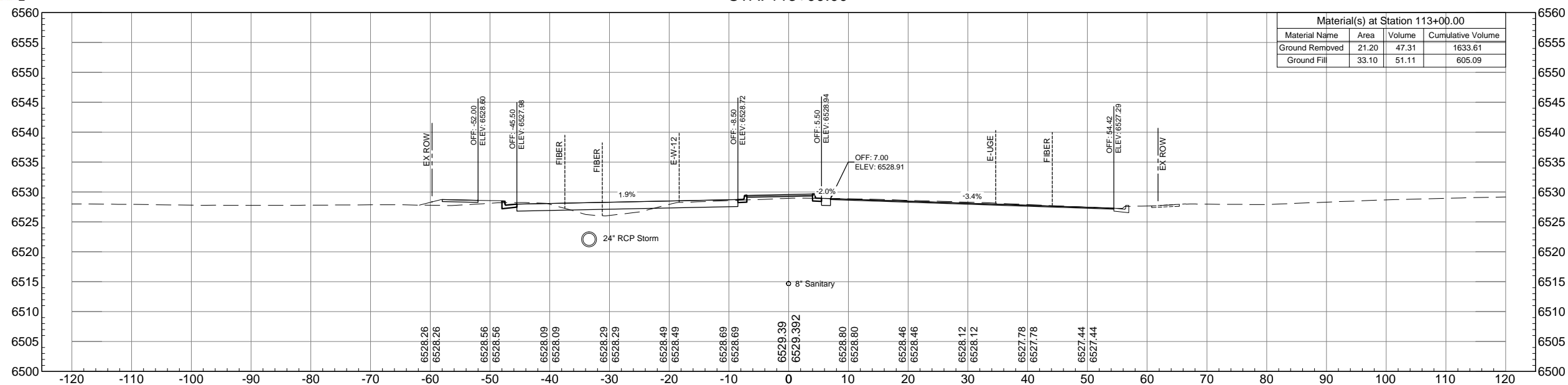


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS15 OF XS44	Sheet No: 831

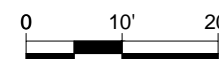
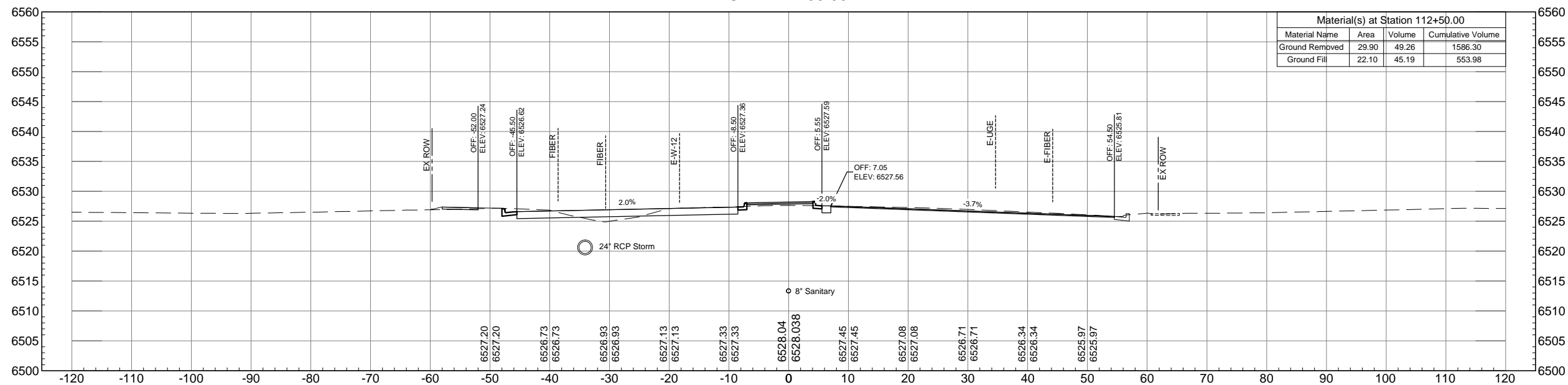


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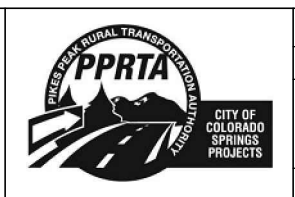
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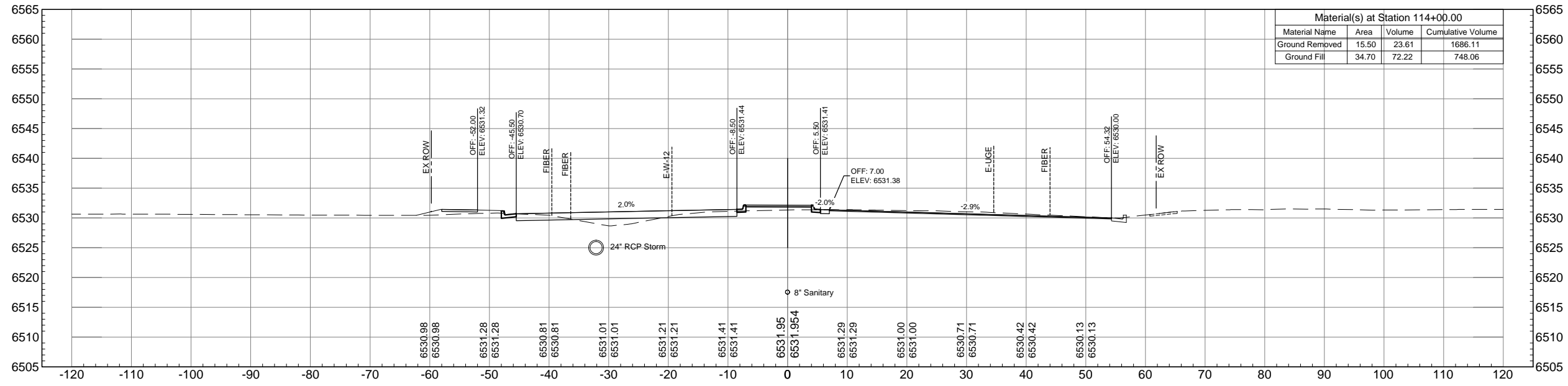
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS16 OF XS44	Sheet No: 832



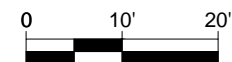
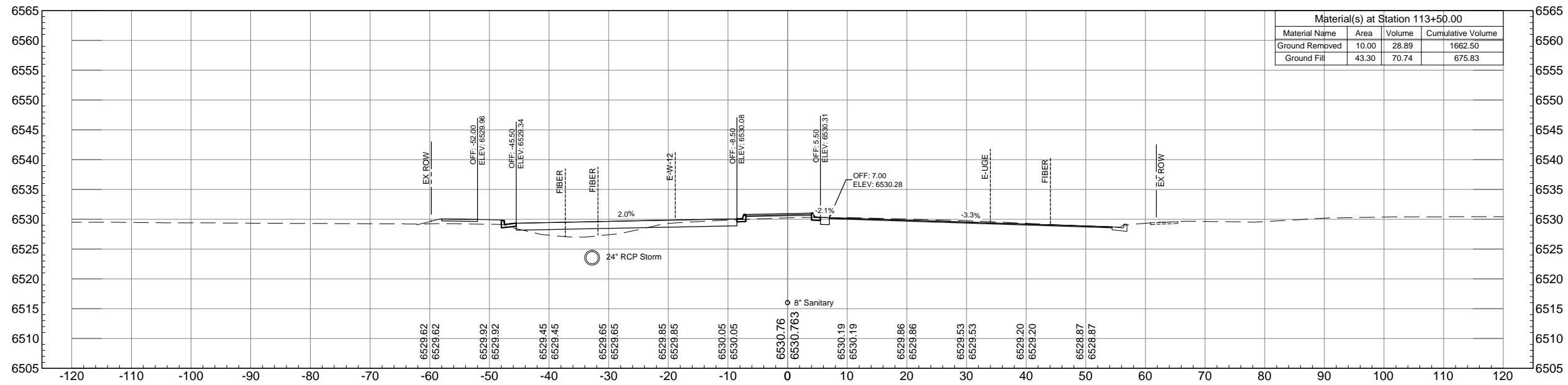


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### STA. 113+50.00



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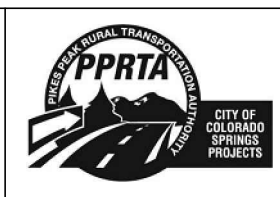
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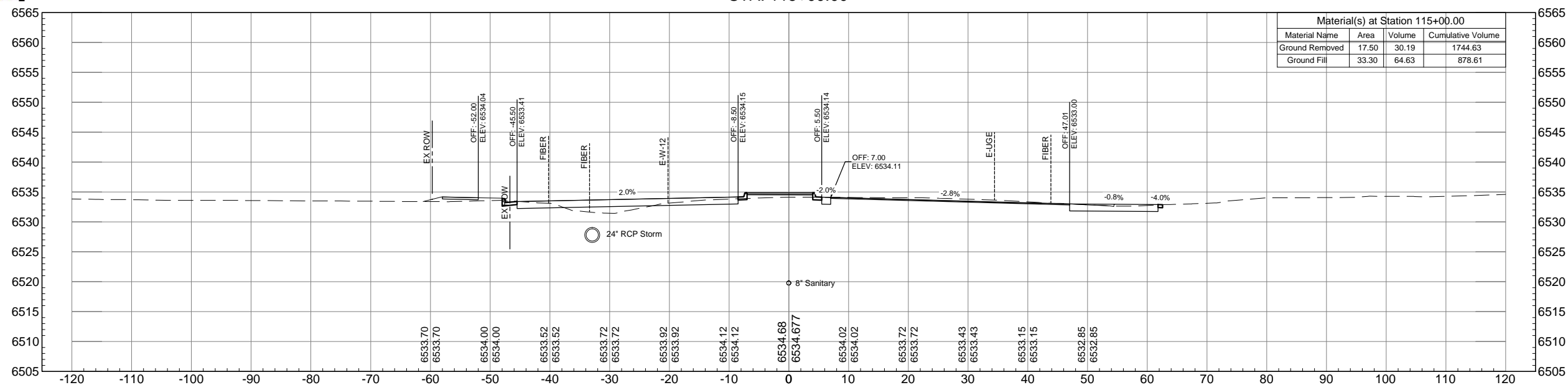


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS17 OF XS44	Sheet No: 833

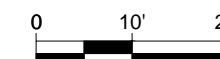
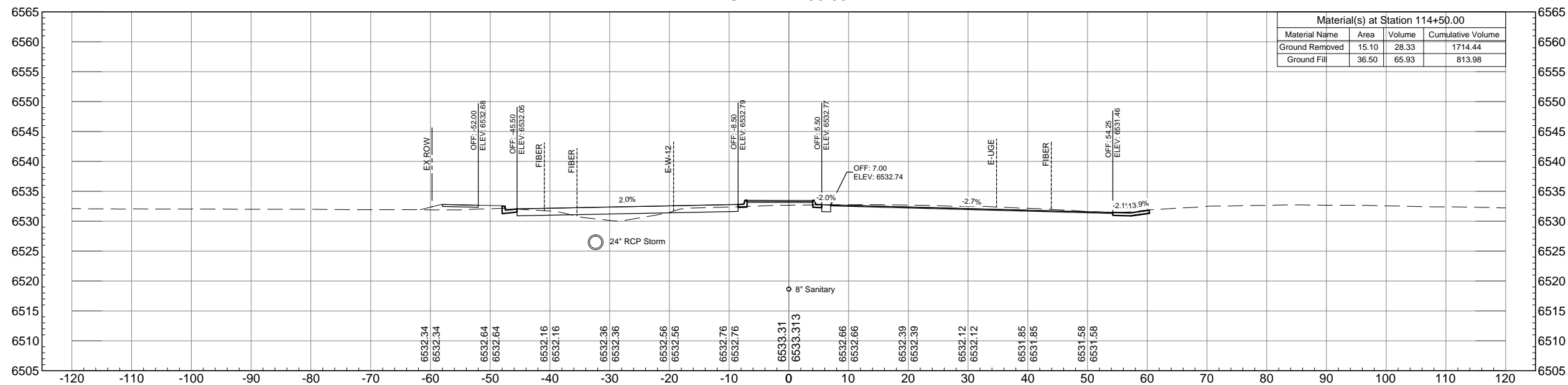


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Drawing File Name: XS01-XS44.dwg	
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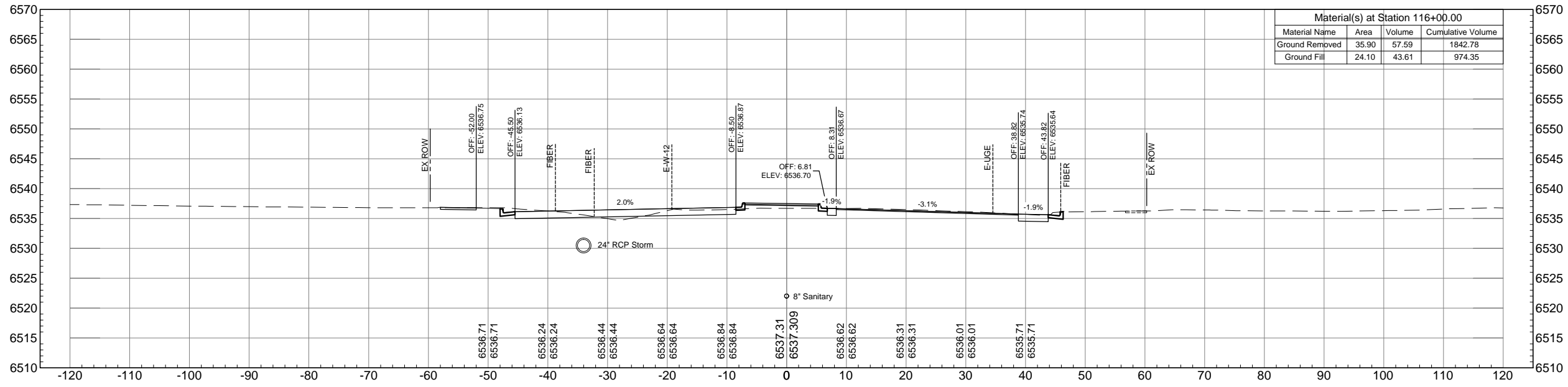


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS18 OF XS44	Sheet No: 834

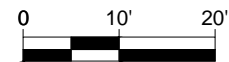
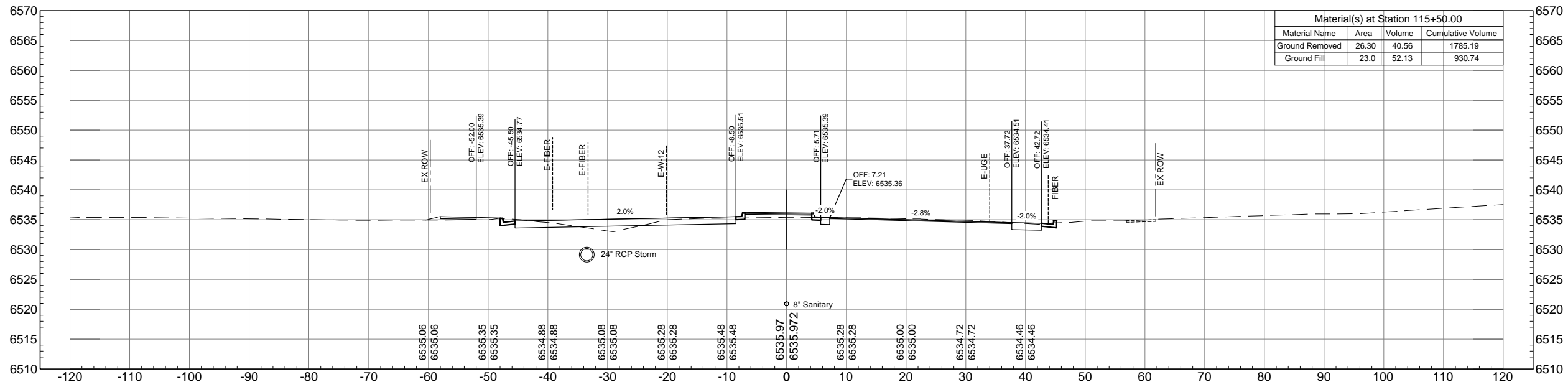


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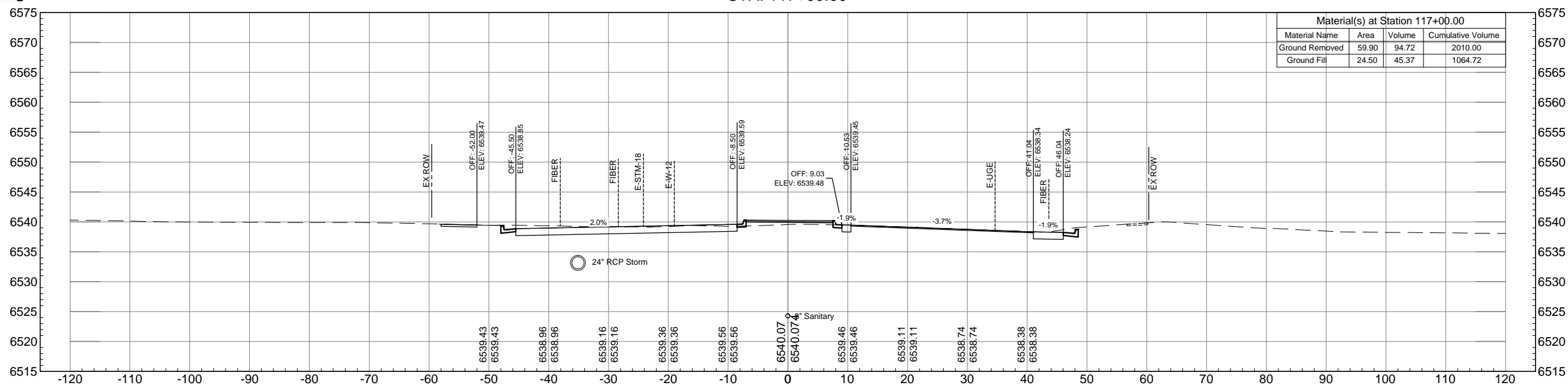


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS19 OF XS44	Sheet No: 835

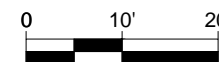
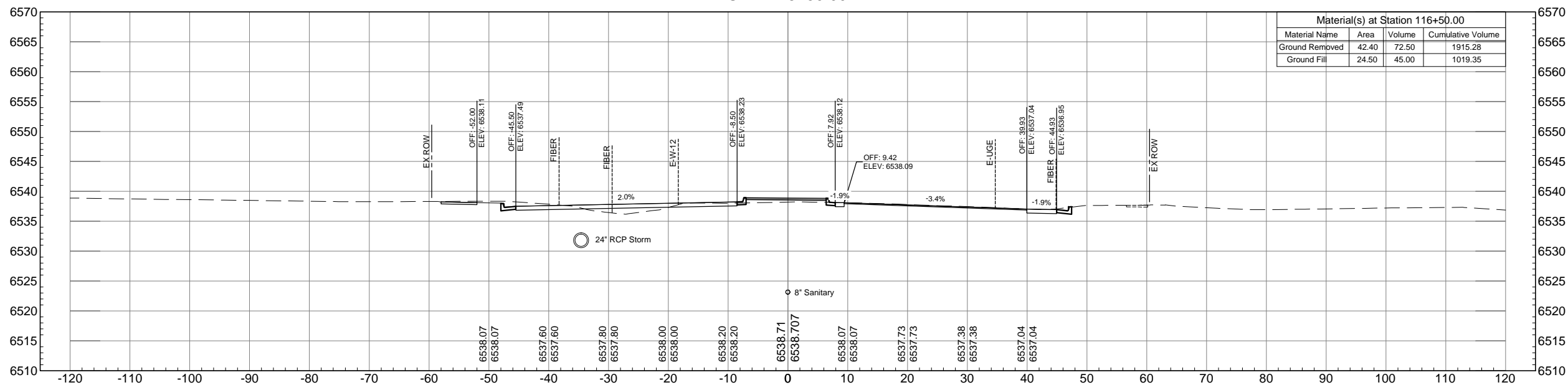


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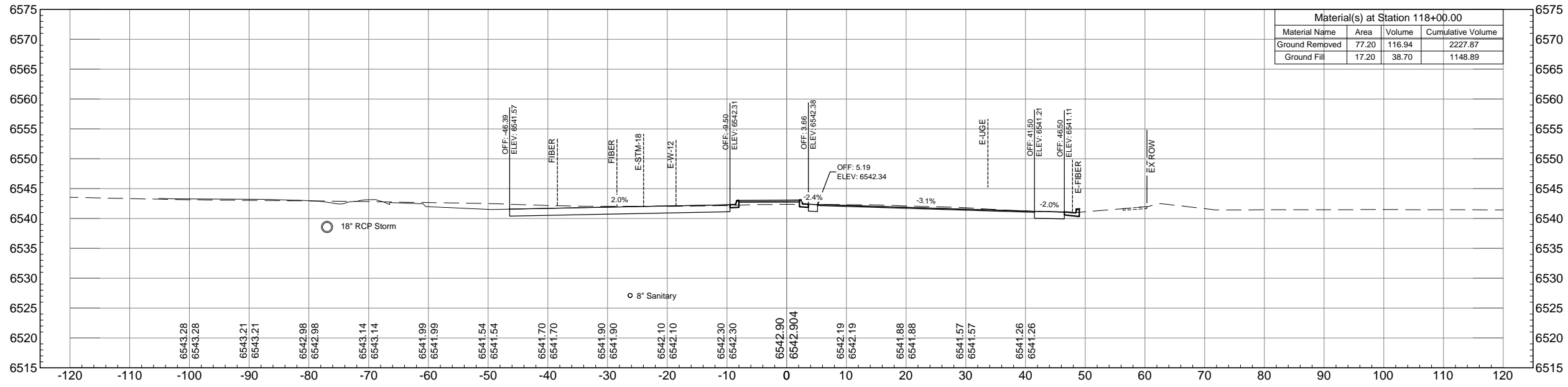


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS20 OF XS44	Sheet No: 836

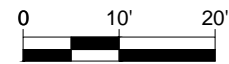
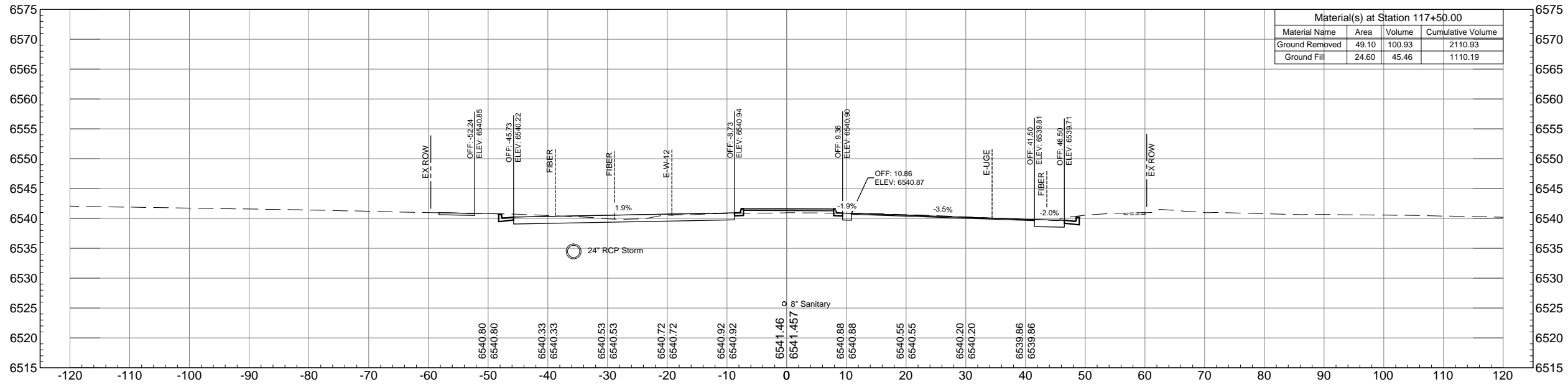


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Drawing File Name: XS01-XS44.dwg	
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2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY:  
DRAWN BY:  
CHECKED BY:

**RFP Set**

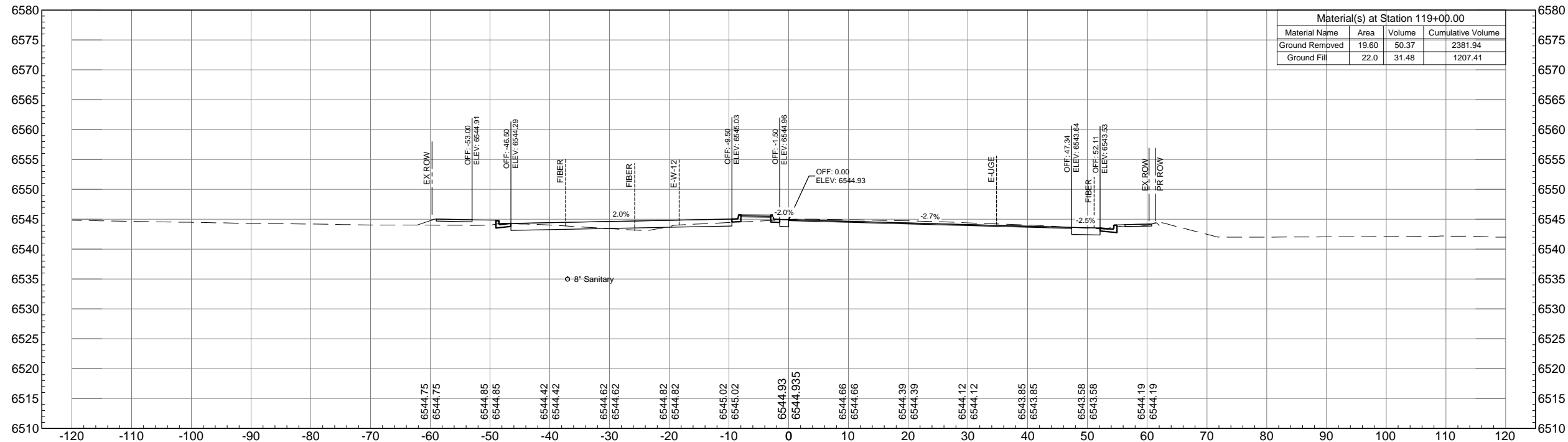


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS21 OF XS44	Sheet No: 837

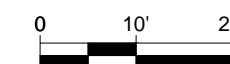
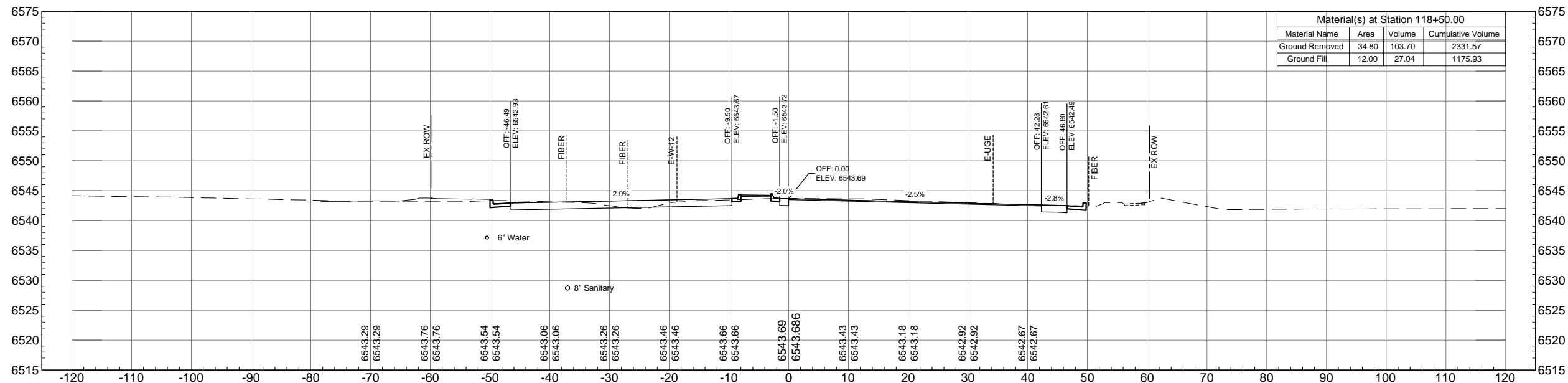


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### STA. 119+00.00



### STA. 118+50.00



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Creation Date: 9-22-12	Initials: NAB
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Full Path: M:\TRN\09-100-305-00\CADD\SHEETS\	
Drawing File Name: XS01-XS44.dwg	
Acad Ver. 2011	Scale: AS SHOWN

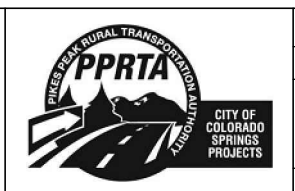
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**Matrix DESIGN GROUP**  
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 719.575.0100

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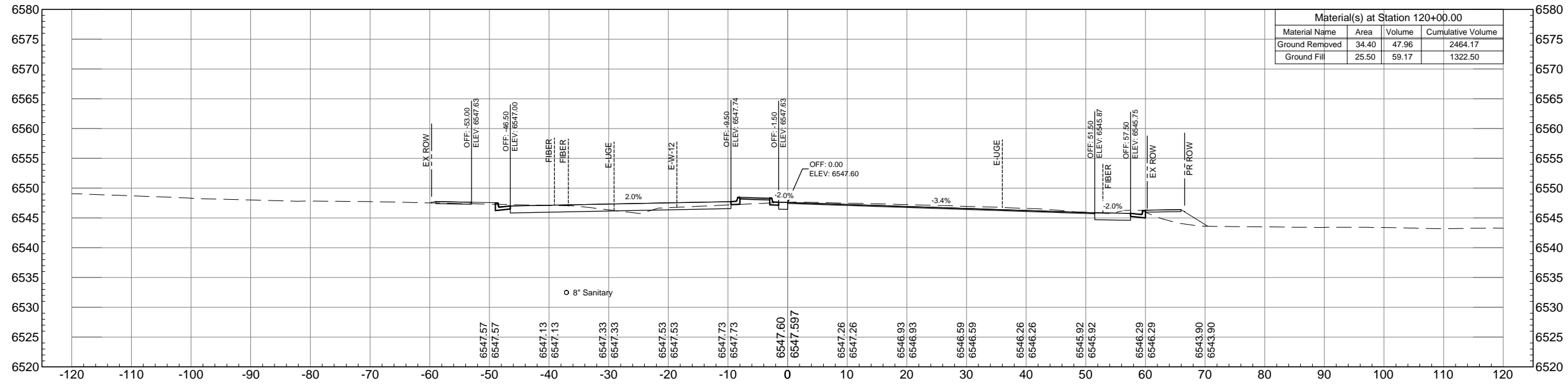


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS22 OF XS44	Sheet No: 838



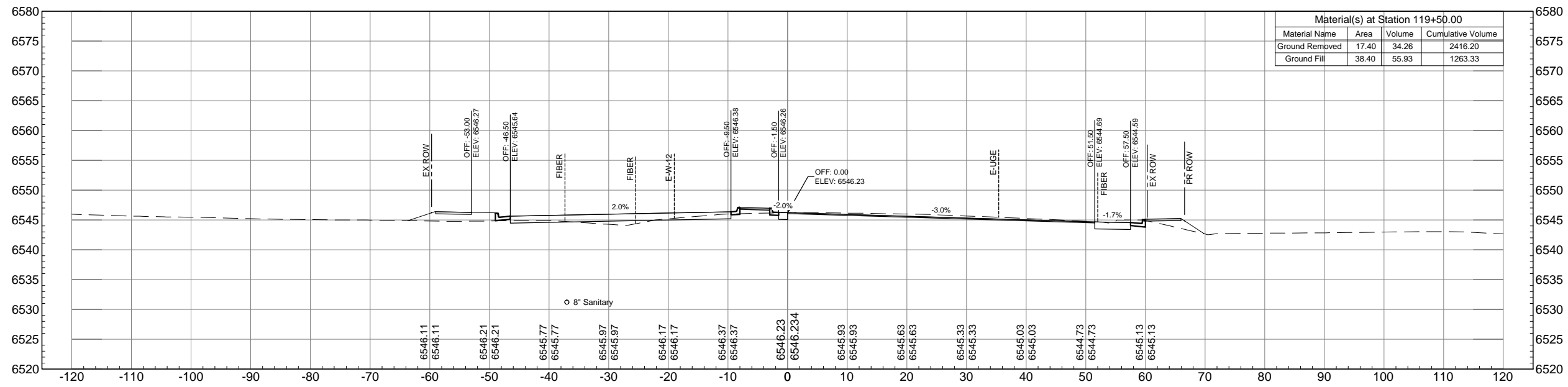
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### STA. 120+00.00

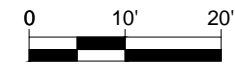


Material(s) at Station 120+00.00			
Material Name	Area	Volume	Cumulative Volume
Ground Removed	34.40	47.96	2464.17
Ground Fill	25.50	59.17	1322.50

### STA. 119+50.00



Material(s) at Station 119+50.00			
Material Name	Area	Volume	Cumulative Volume
Ground Removed	17.40	34.26	2416.20
Ground Fill	38.40	65.93	1263.33



PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
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Full Path: M:\TRN\09-100-305-00\CADD\SHEETS\	
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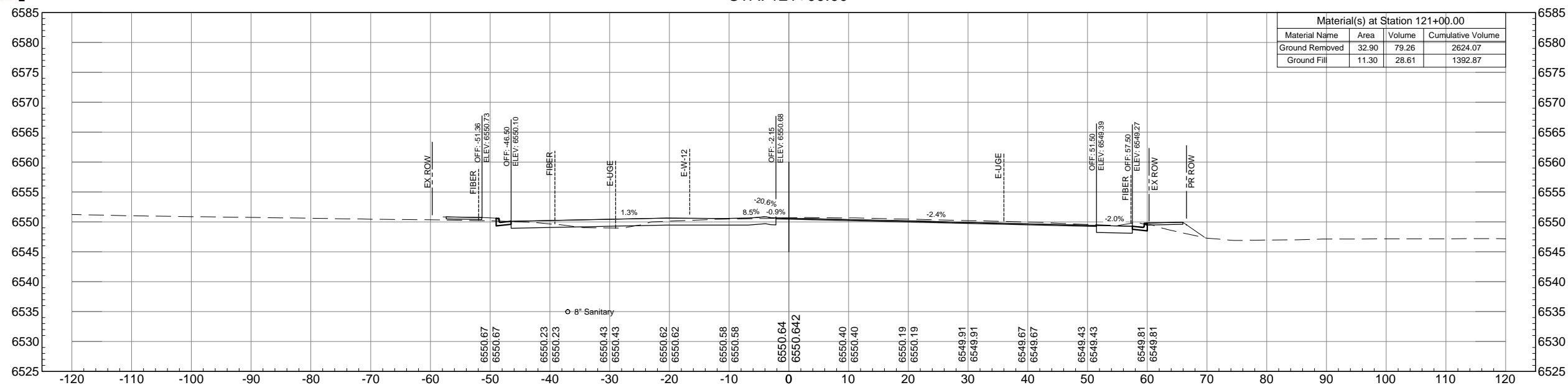


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS23 OF XS44	Sheet No: 839

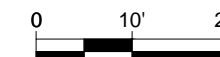
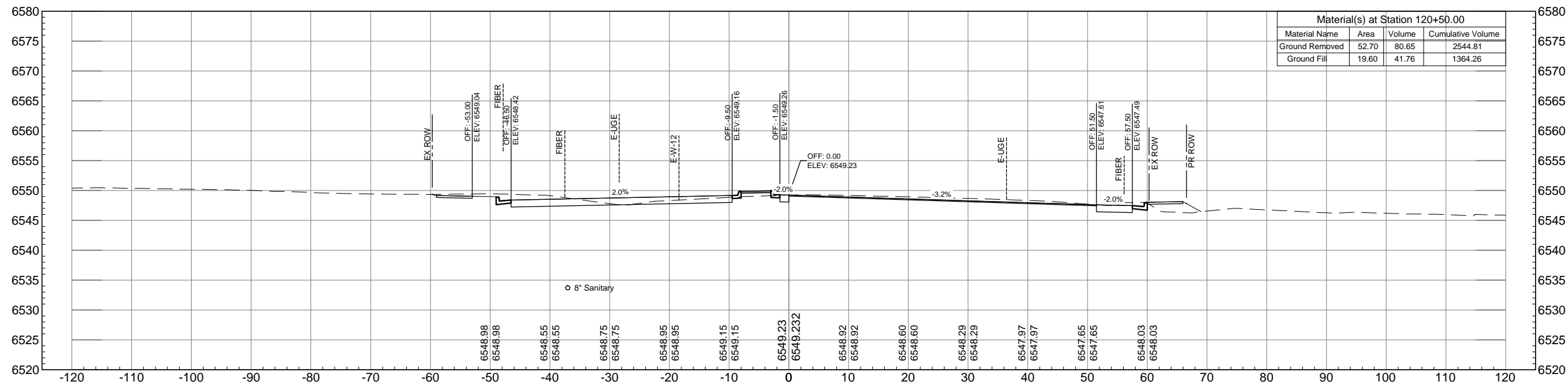


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### STA. 121+00.00



### STA. 120+50.00



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Drawing File Name: XS01-XS44.dwg	
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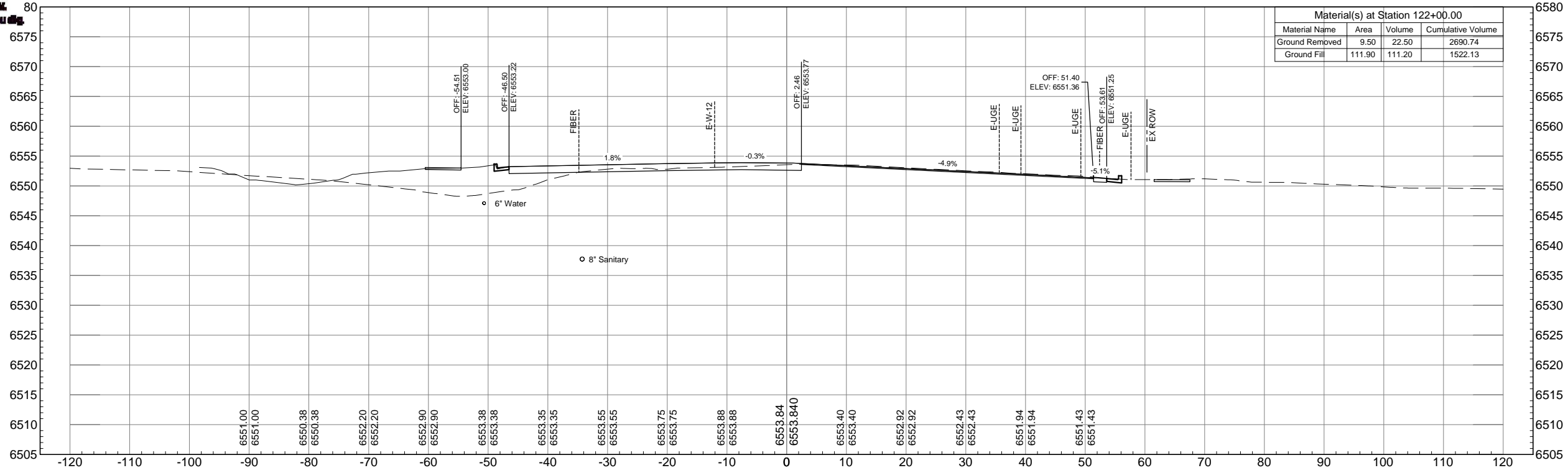
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS24 OF XS44	Sheet No: 840



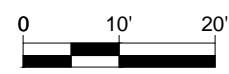
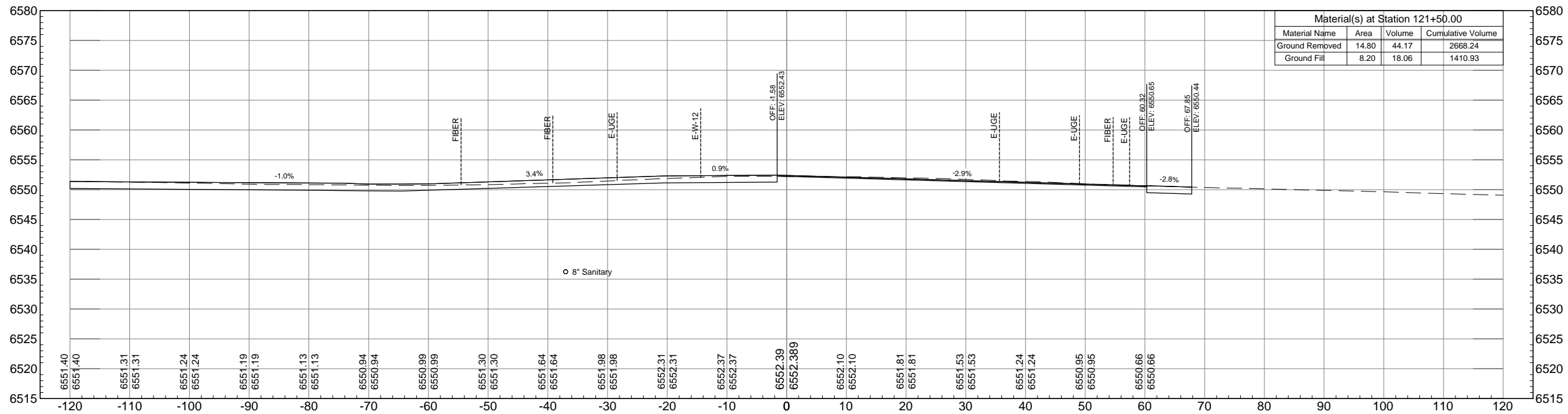


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STA. 122+00.00



STA. 121+50.00



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Creation Date: 9-22-12	Initials: NAB
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Drawing File Name: XS01-XS44.dwg	
Acad Ver. 2011	Scale: AS SHOWN

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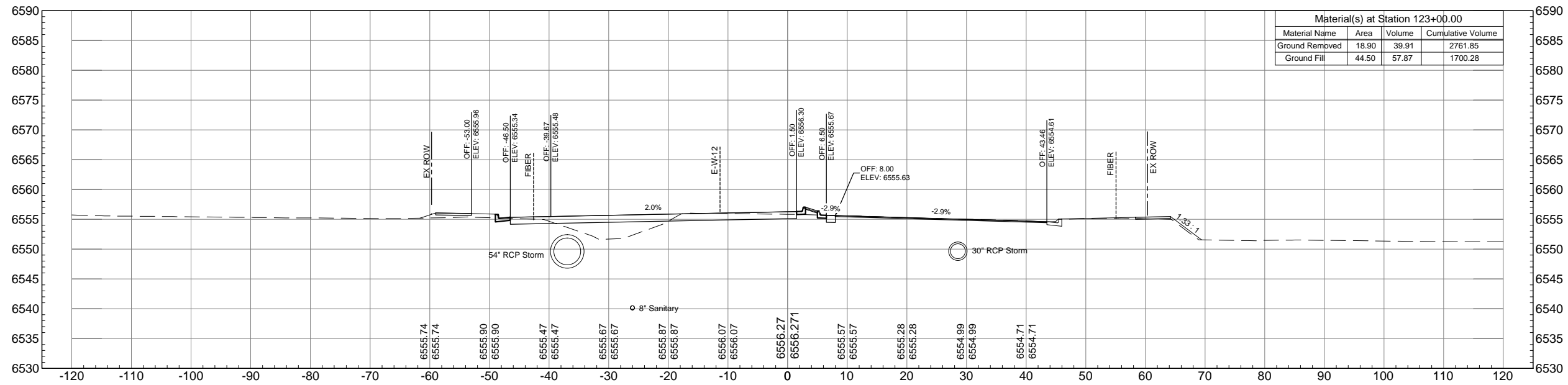


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS25 OF XS44	Sheet No: 841



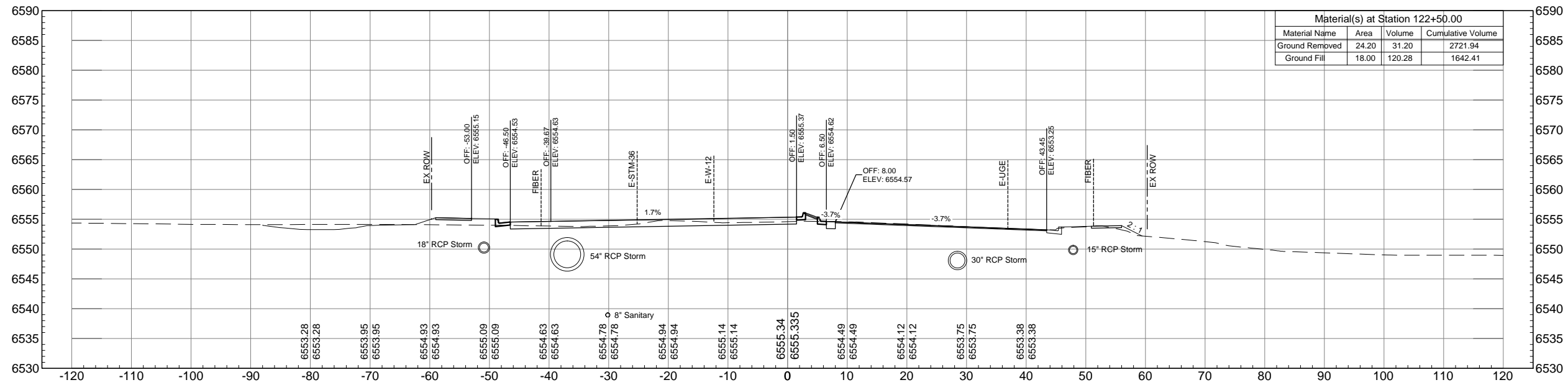
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### STA. 123+00.00



Material(s) at Station 123+00.00			
Material Name	Area	Volume	Cumulative Volume
Ground Removed	18.90	39.91	2761.85
Ground Fill	44.50	57.87	1700.28

### STA. 122+50.00



Material(s) at Station 122+50.00			
Material Name	Area	Volume	Cumulative Volume
Ground Removed	24.20	31.20	2721.94
Ground Fill	18.00	120.28	1642.41



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Drawing File Name: XS01-XS44.dwg	
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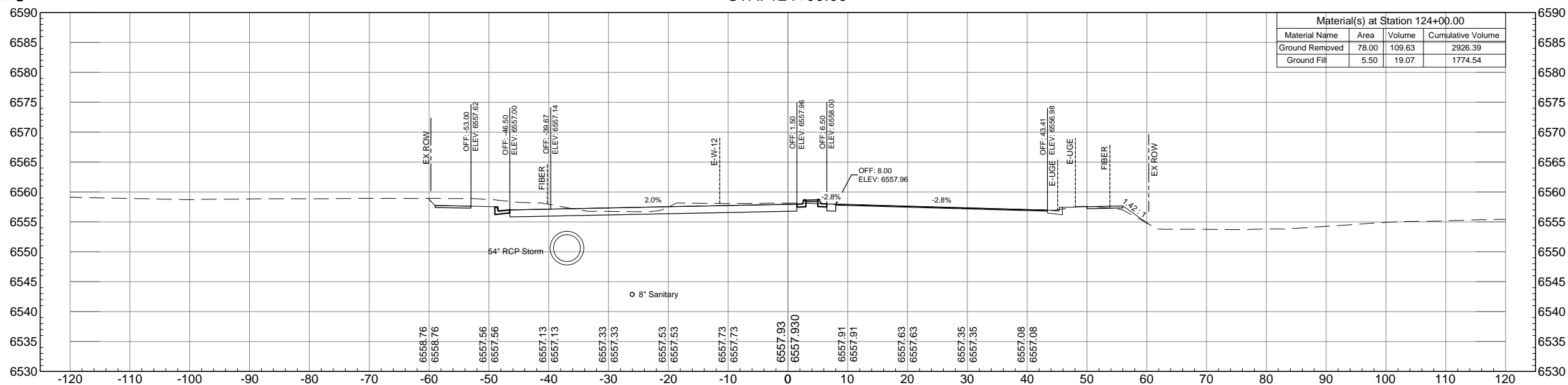


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS26 OF XS44	Sheet No: 842

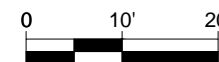
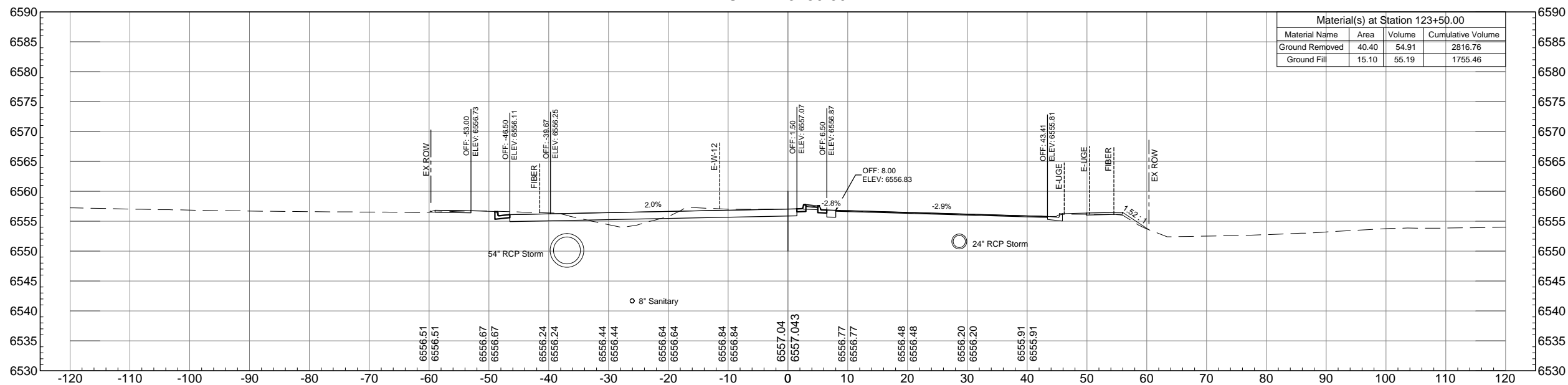


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### STA. 124+00.00



### STA. 123+50.00



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Drawing File Name: XS01-XS44.dwg	
Acad Ver. 2011	Scale: AS SHOWN

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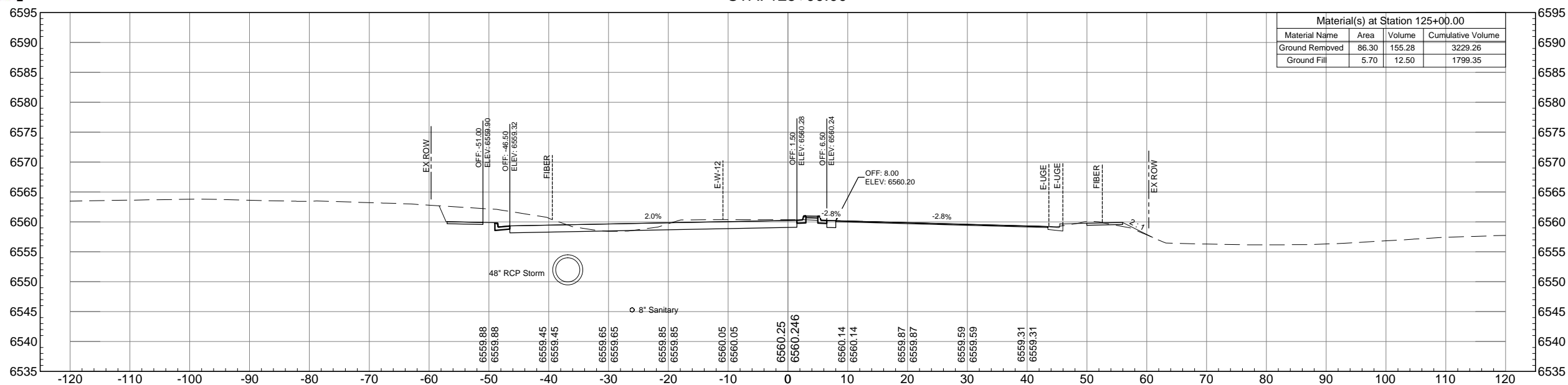


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS27 OF XS44	Sheet No: 843

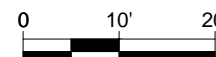
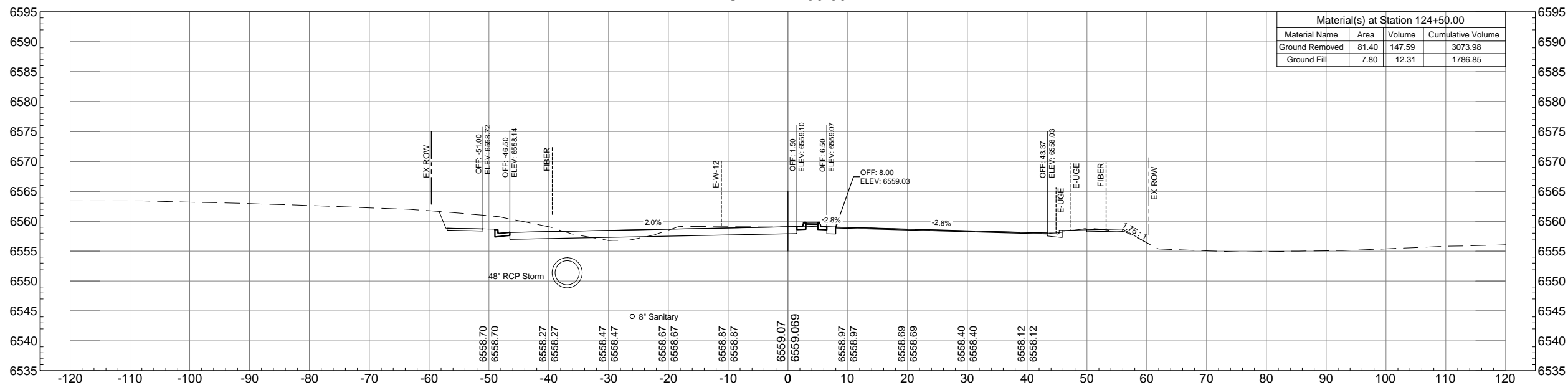


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### STA. 125+00.00



### STA. 124+50.00



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Drawing File Name: XS01-XS44.dwg	
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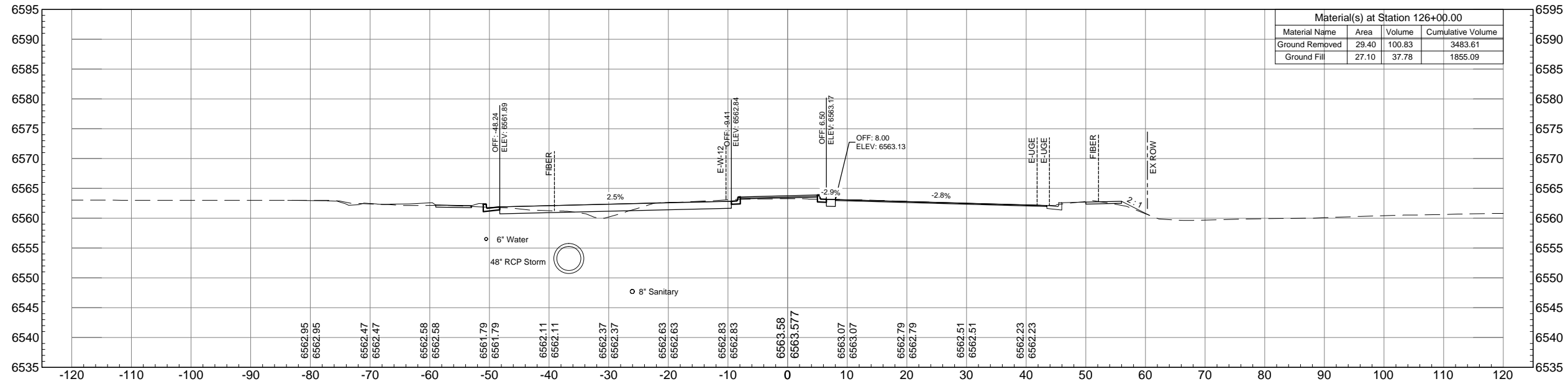


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS28 OF XS44	Sheet No: 844

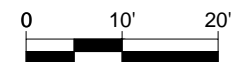
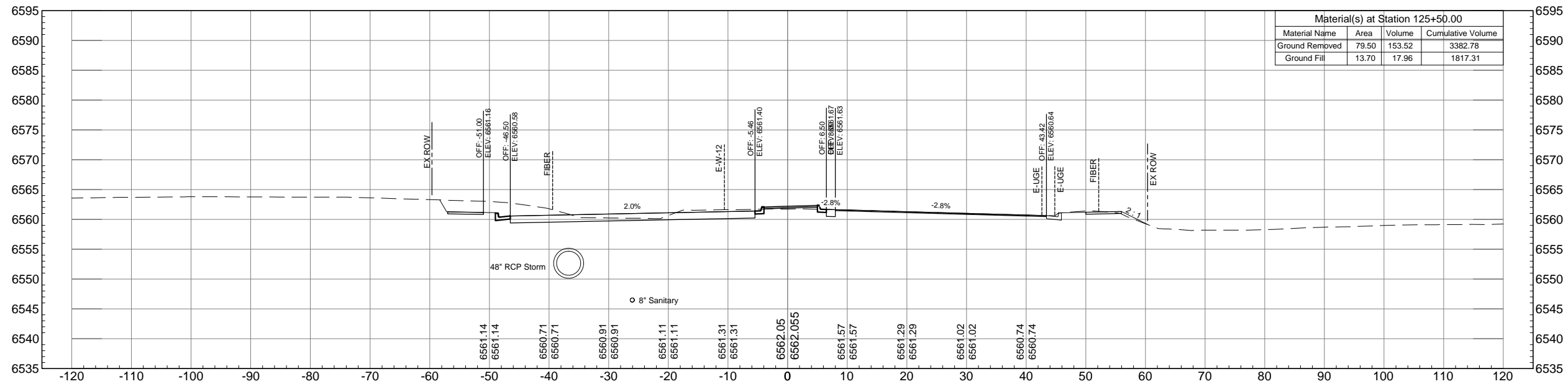


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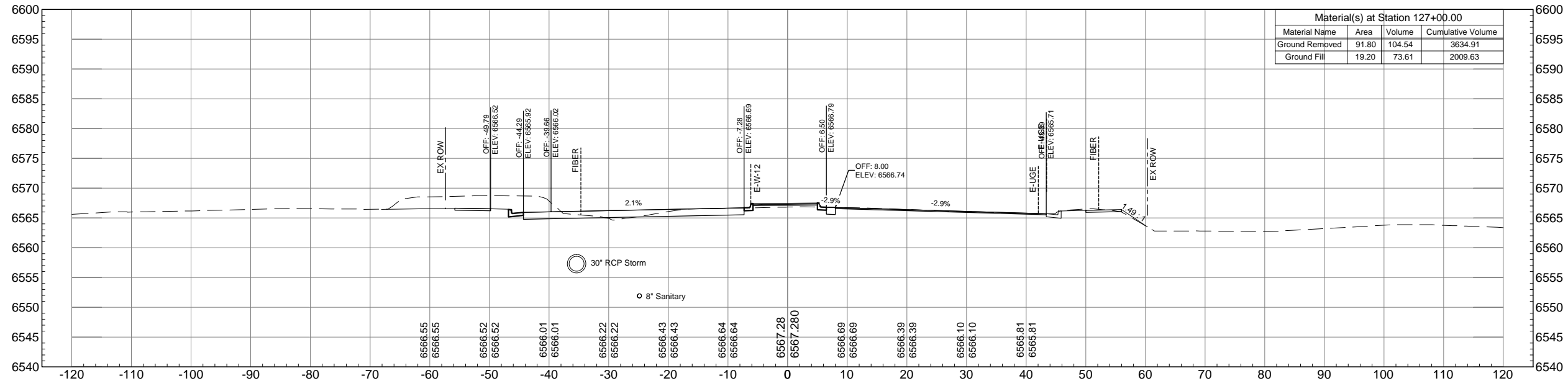


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS29 OF XS44	Sheet No: 845

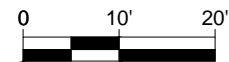
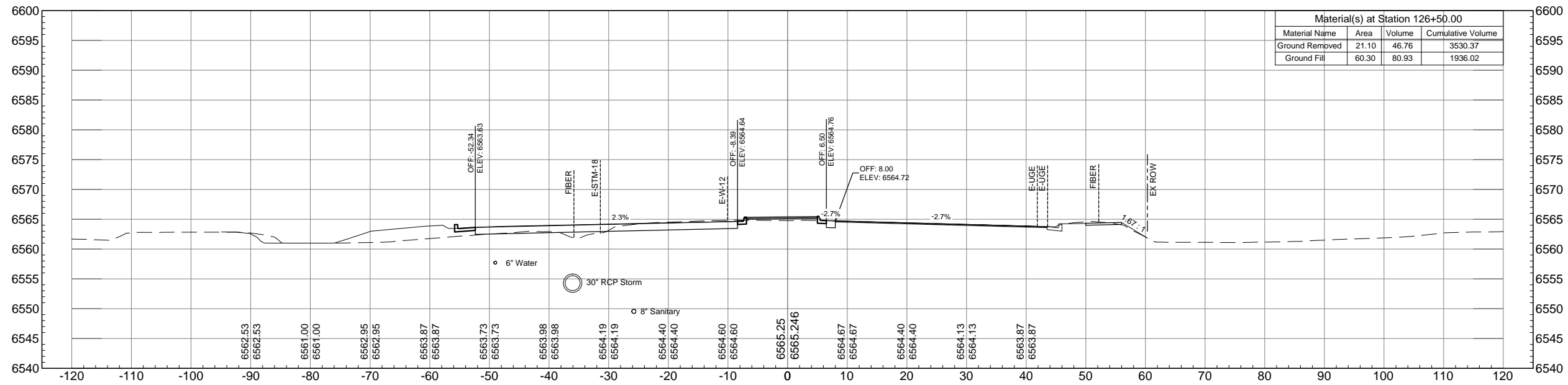


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Acad Ver. 2011	Scale: AS SHOWN

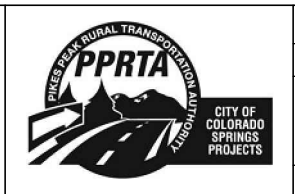
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**Matrix DESIGN GROUP**  
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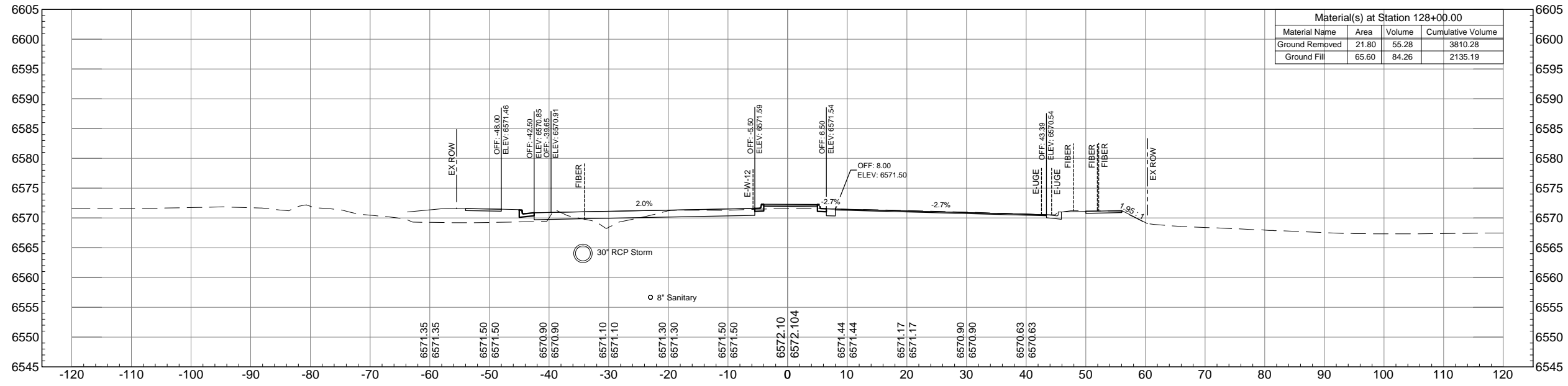


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS30 OF XS44	Sheet No: 846

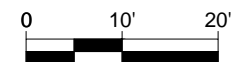
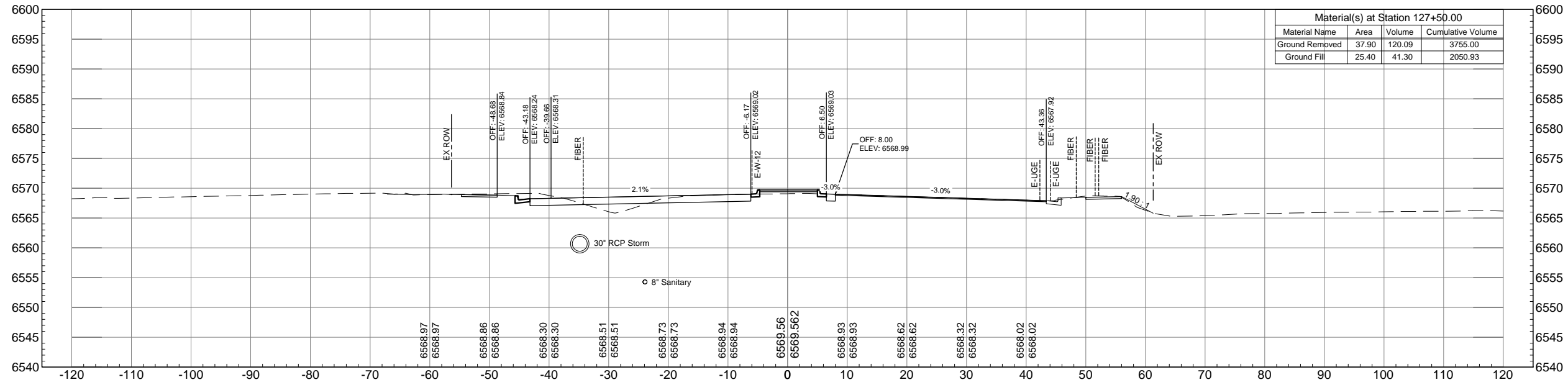


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### STA. 128+00.00



### STA. 127+50.00



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**Matrix DESIGN GROUP**  
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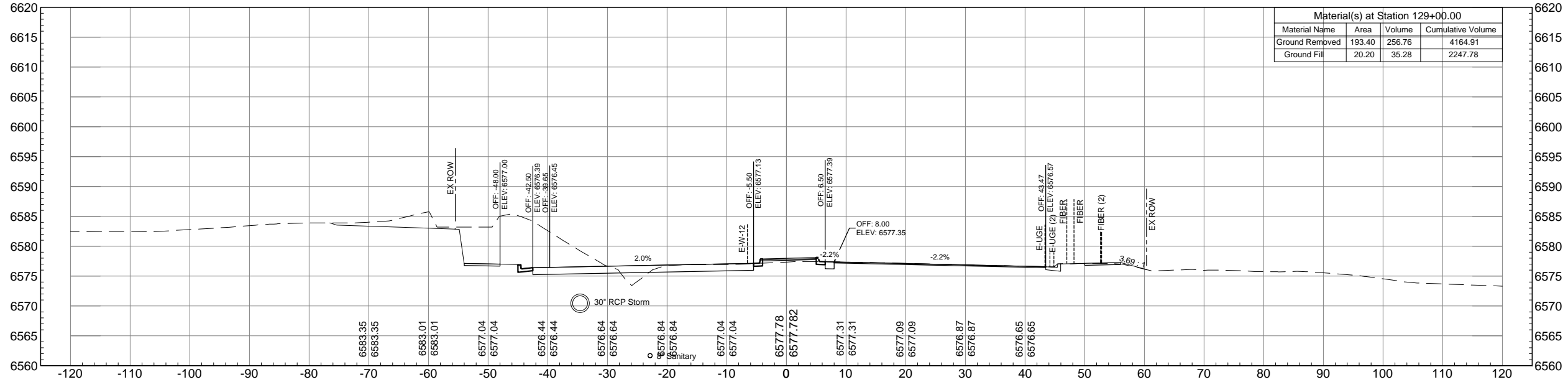


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS31 OF XS44	Sheet No: 847

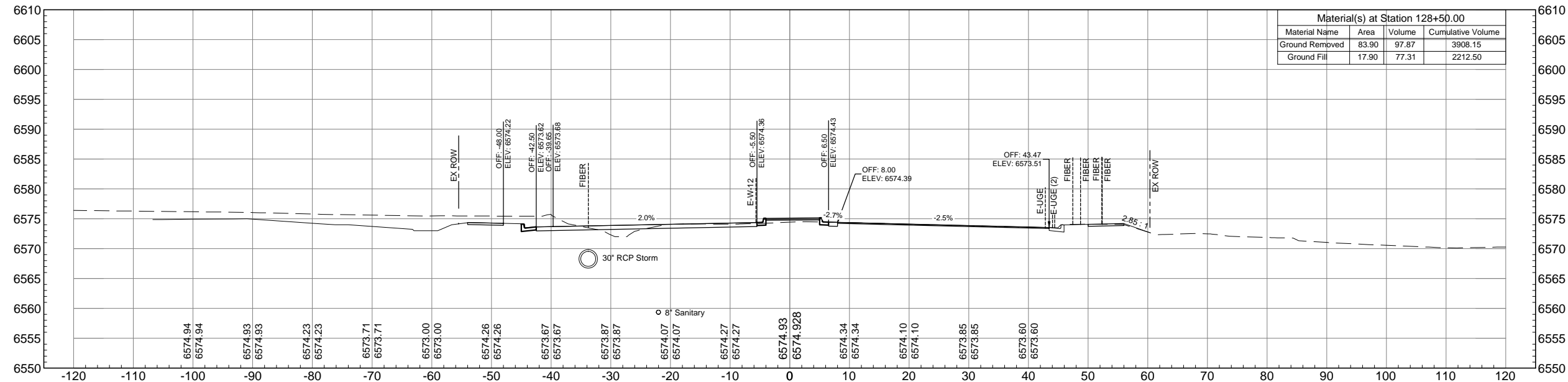


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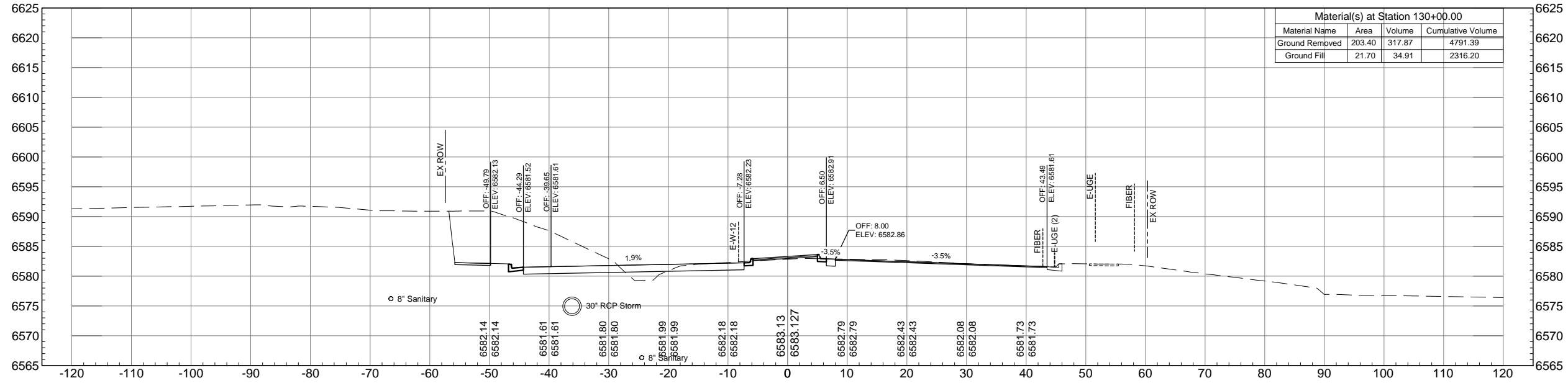
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS32 OF XS44	Sheet No: 848



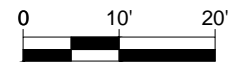
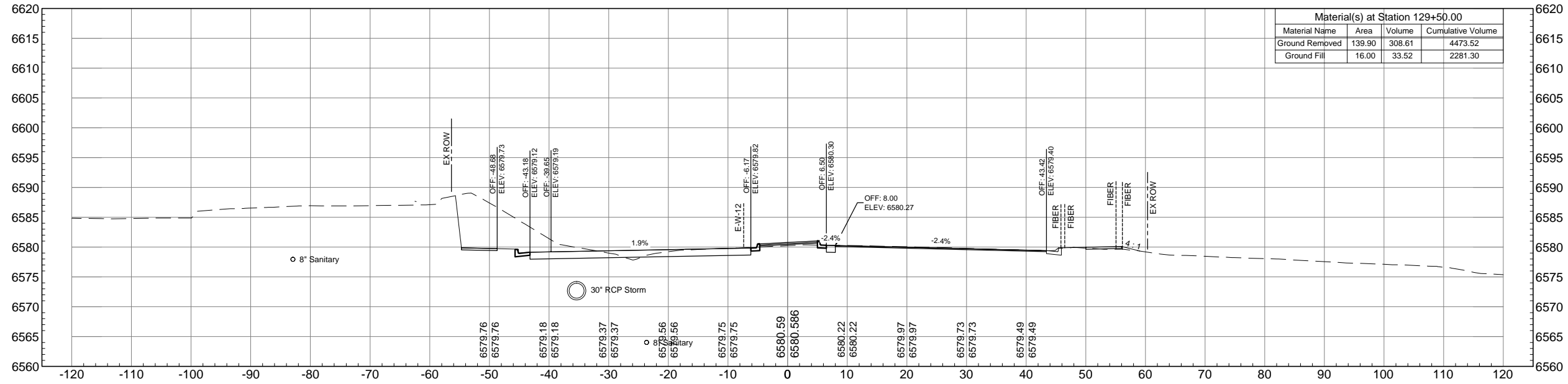


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### STA. 130+00.00



### STA. 129+50.00



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Drawing File Name: XS01-XS44.dwg	
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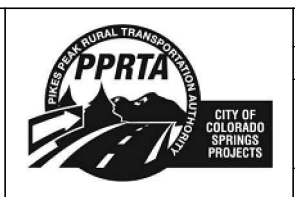
REVISIONS		
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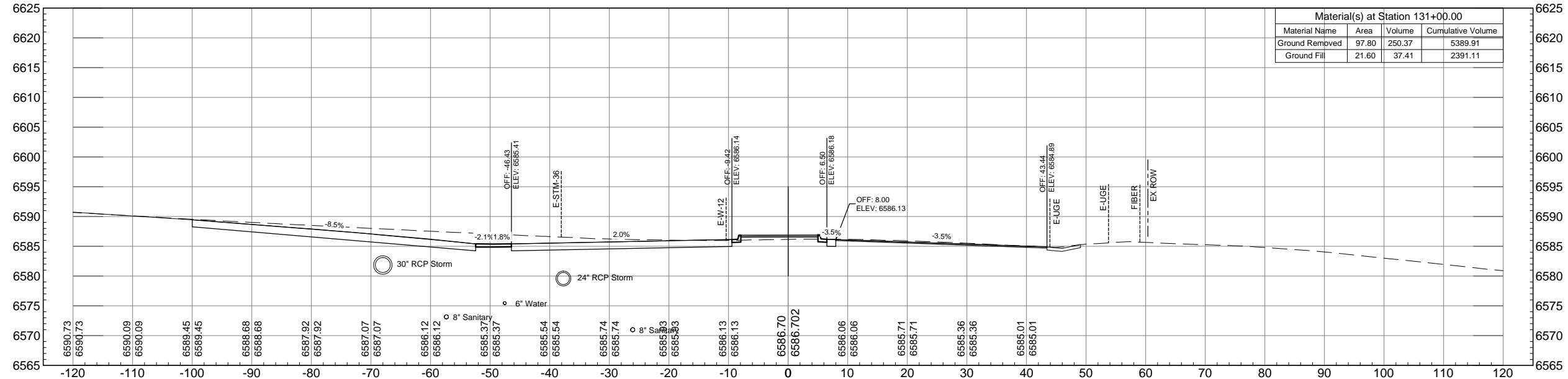


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS33 OF XS44	Sheet No: 849

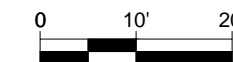
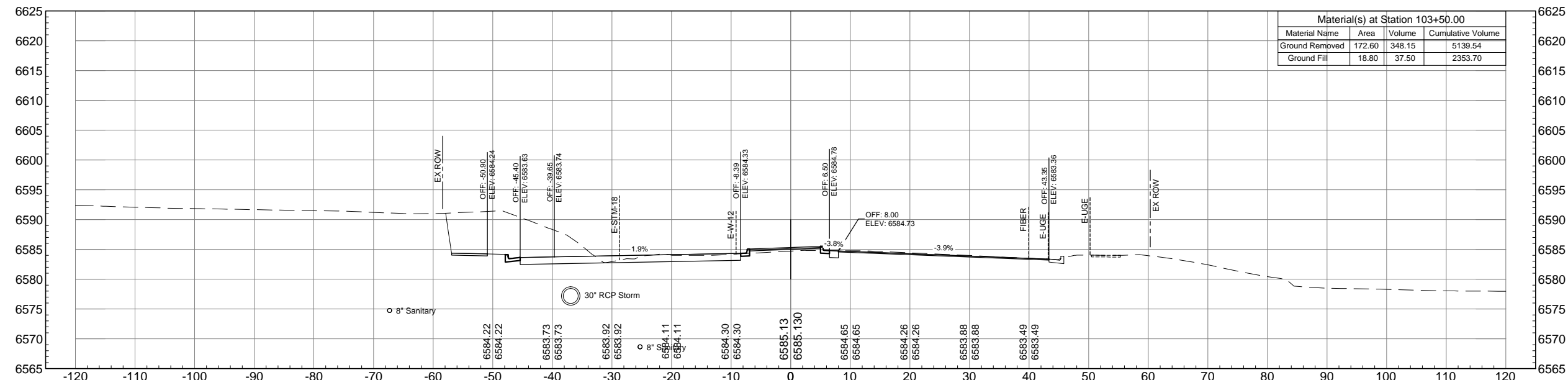


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### STA. 131+00.00



### STA. 130+50.00



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PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date: 9-22-12	Initials: NAB
Last Modification Date: 01-16-13	Initials: MAB
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Drawing File Name: XS01-XS44.dwg	
Acad Ver. 2011	Scale: AS SHOWN

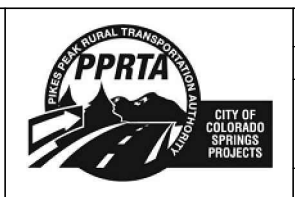
REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY:  
DRAWN BY:  
CHECKED BY:

**RFP Set**

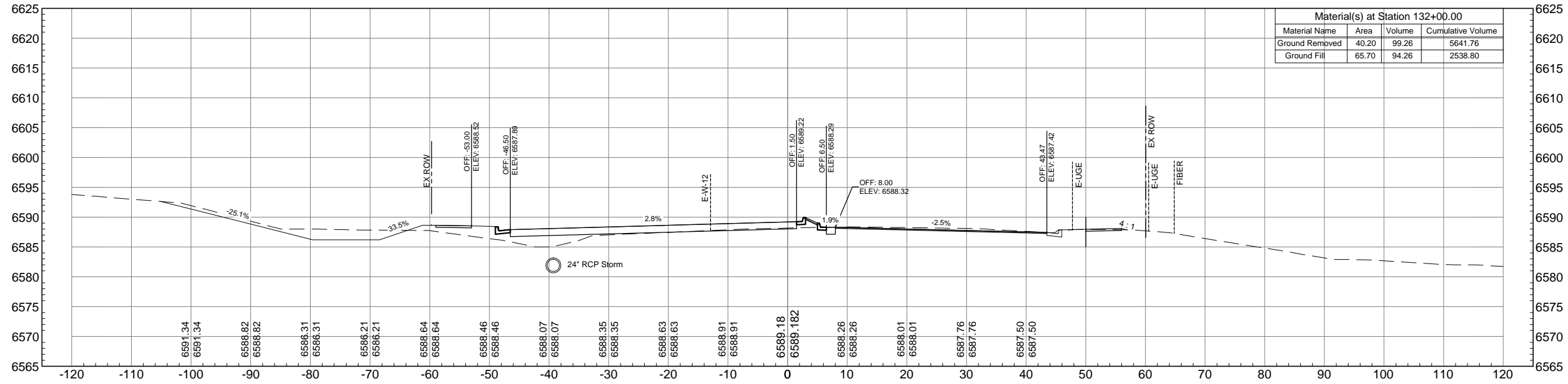


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS34 OF XS44	Sheet No: 850

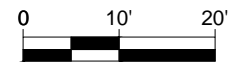
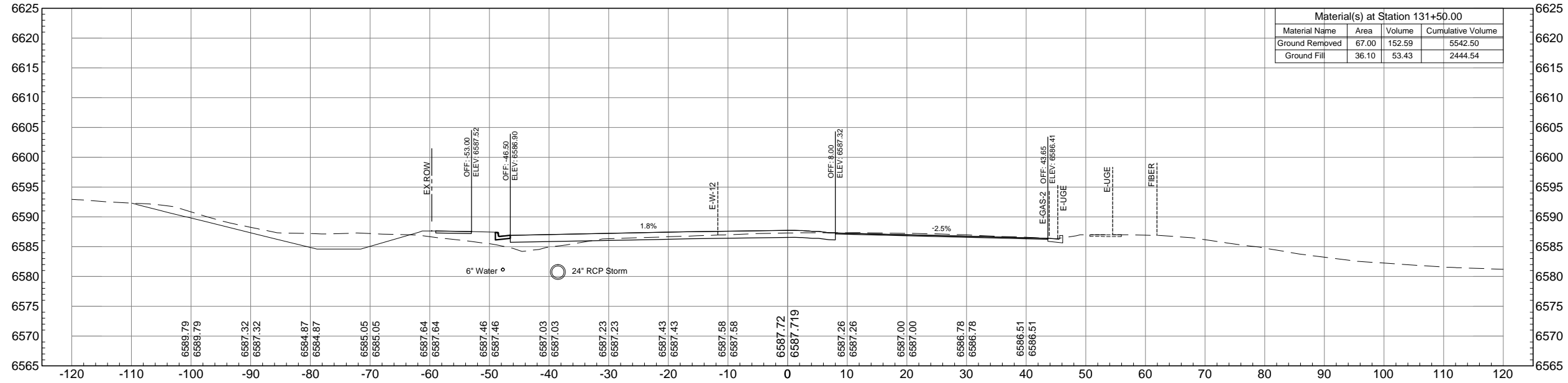


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### STA. 132+00.00



### STA. 131+50.00



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COMPUTER FILE INFORMATION	
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Acad Ver. 2011	Scale: AS SHOWN

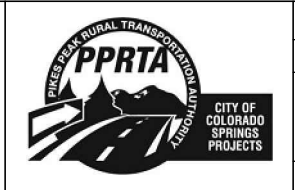
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719.575.0100

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DRAWN BY:  
CHECKED BY:

**RFP Set**

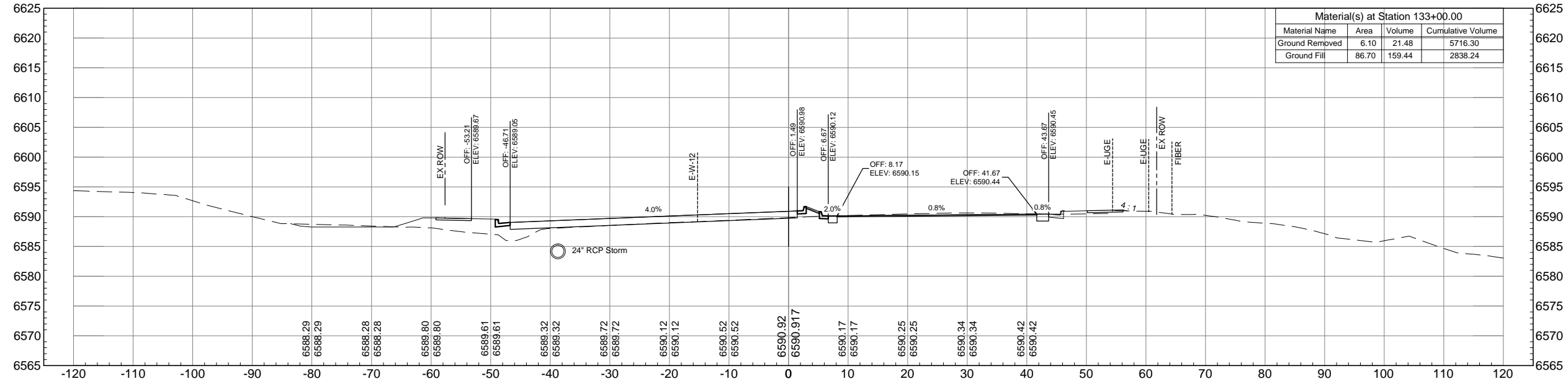


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS35 OF XS44	Sheet No: 851

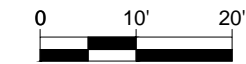
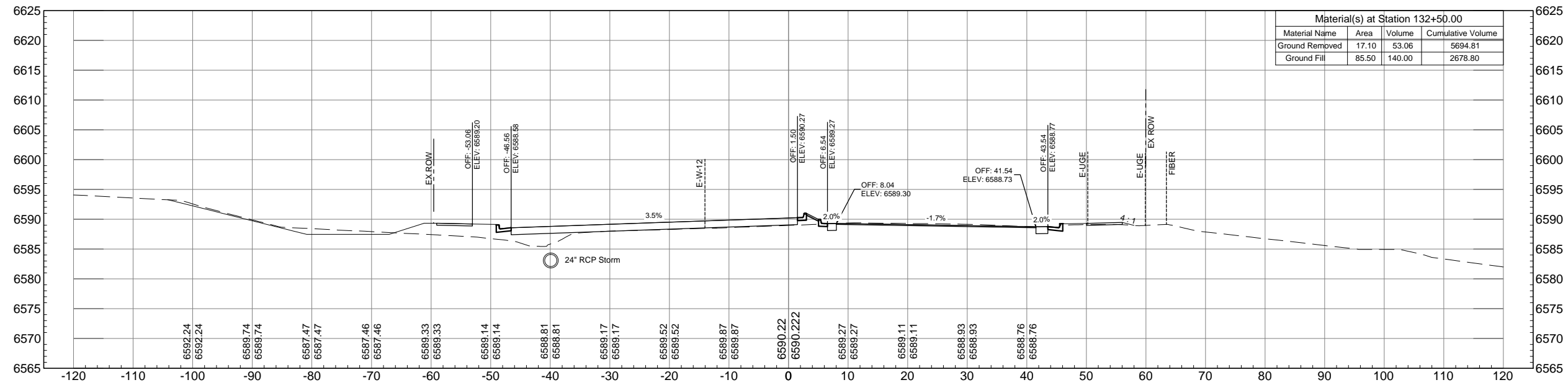


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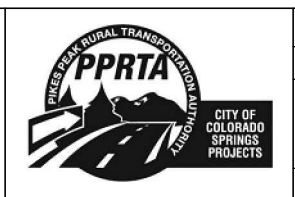
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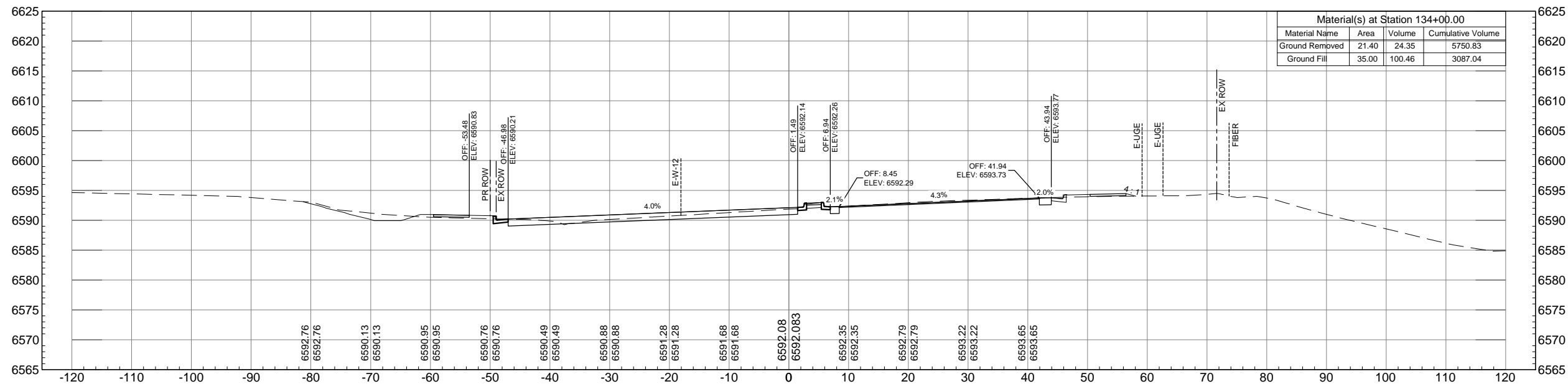


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS36 OF XS44	Sheet No: 852

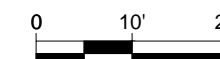
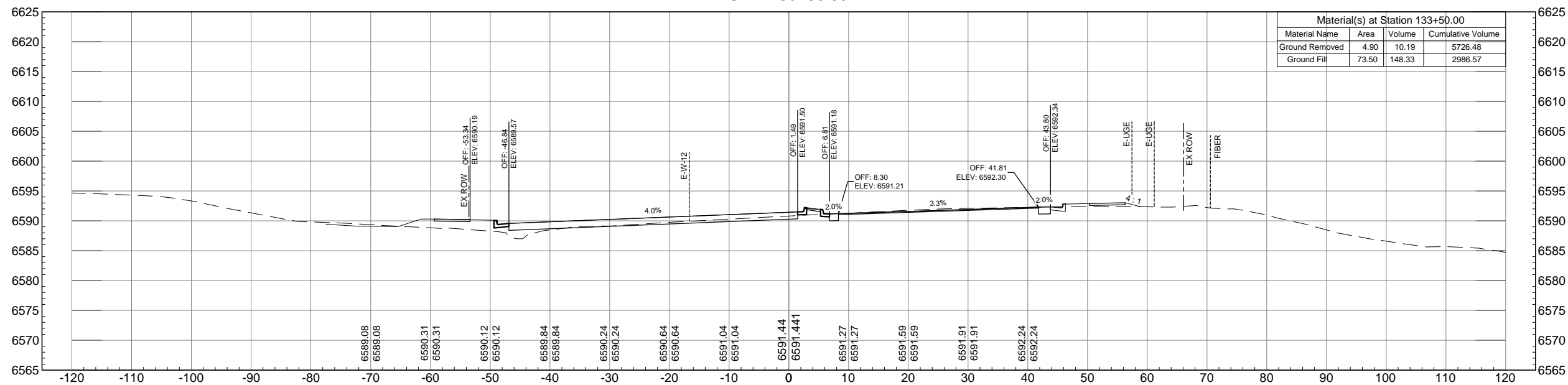


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### STA. 134+00.00



### STA. 133+50.00



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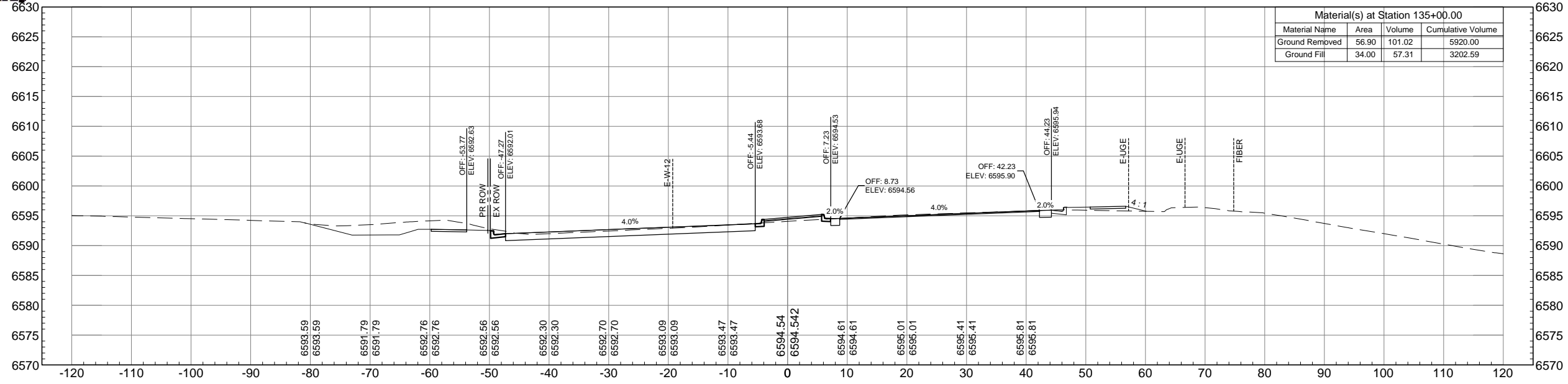


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS37 OF XS44	Sheet No: 853

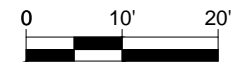
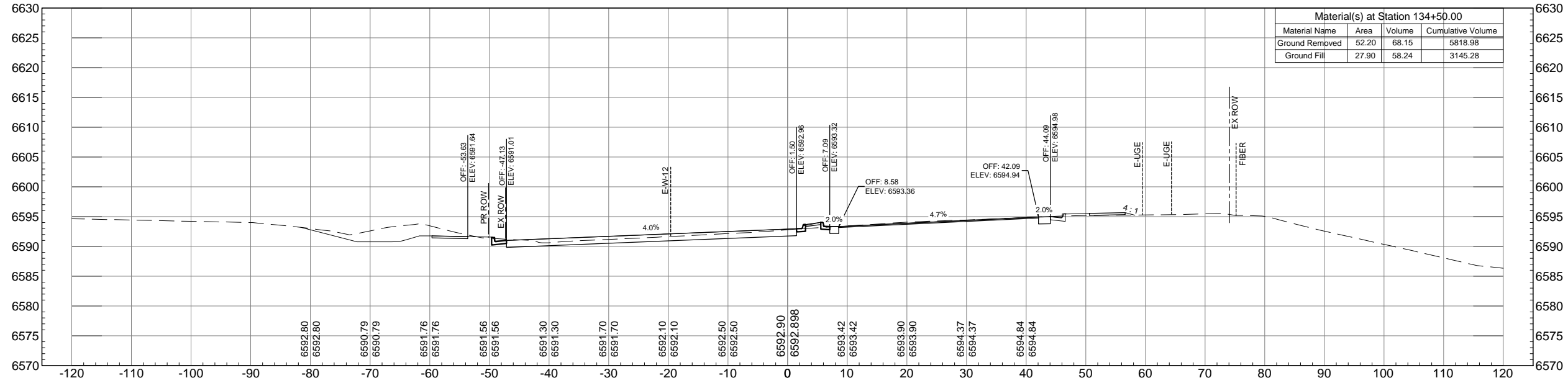


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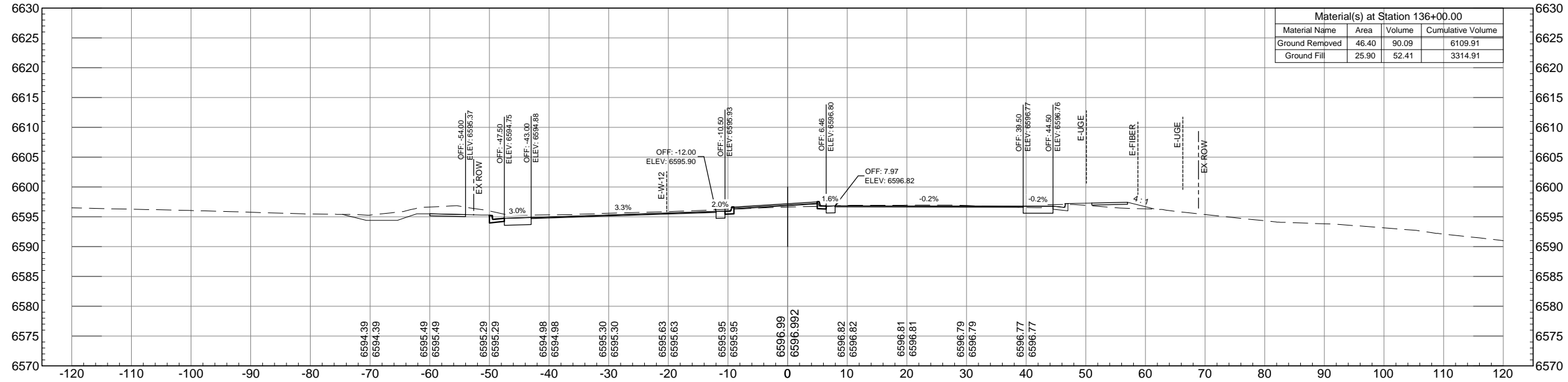


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS38 OF XS44	Sheet No: 854

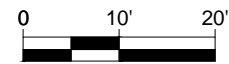
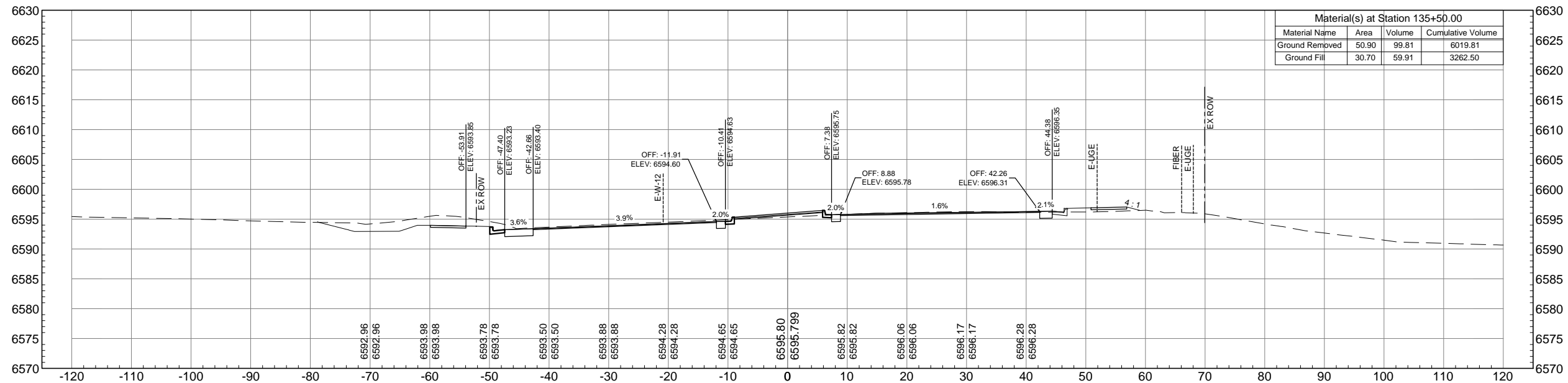


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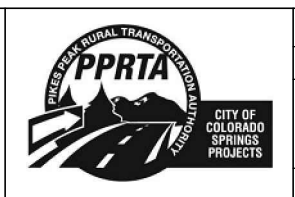
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719.575.0100

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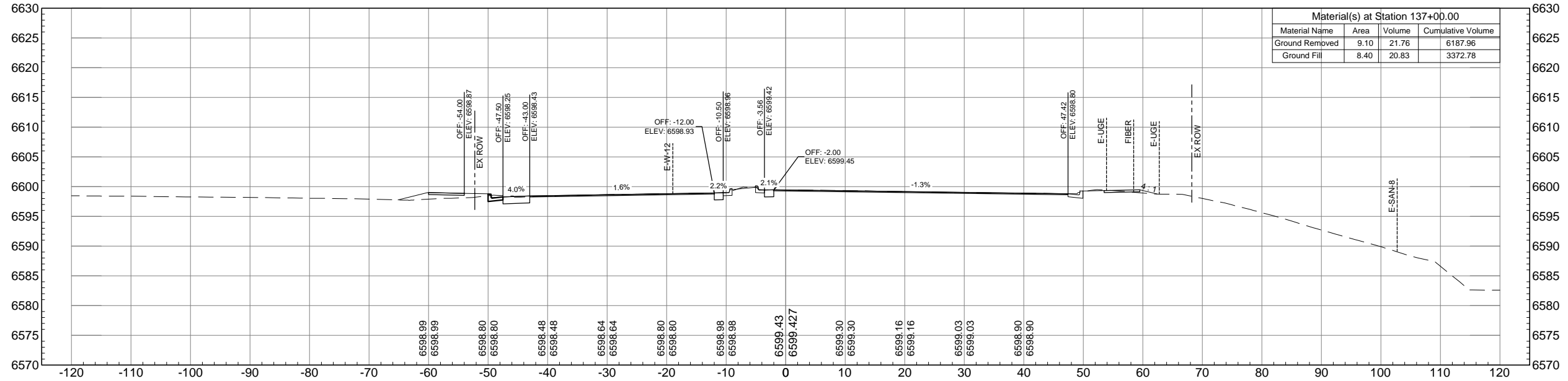


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS39 OF XS44	Sheet No: 855

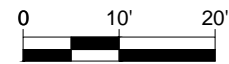
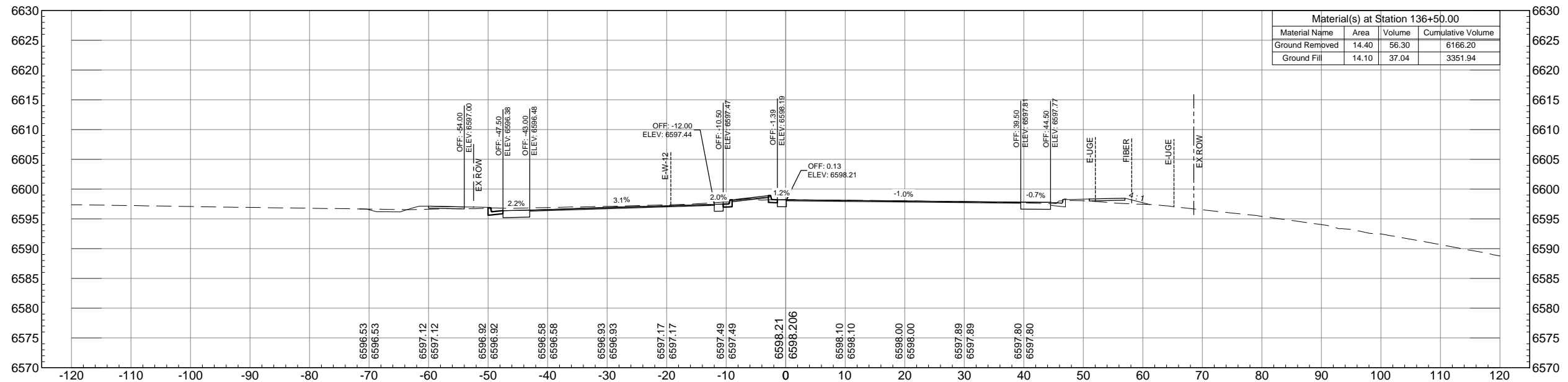


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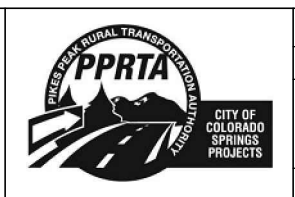
REVISIONS		
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719.575.0100

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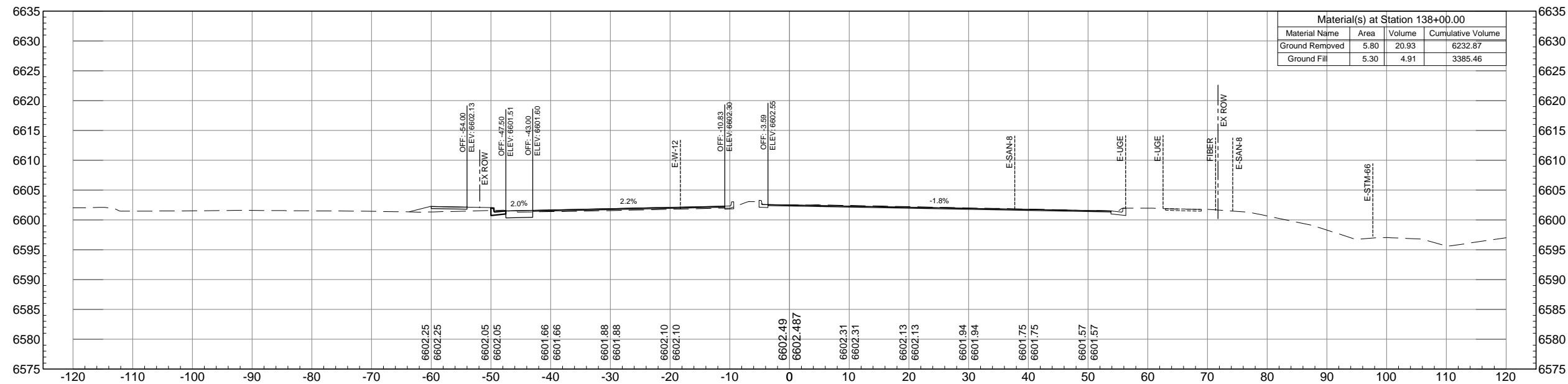
AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS40 OF XS44	Sheet No: 856



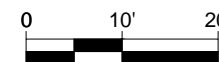
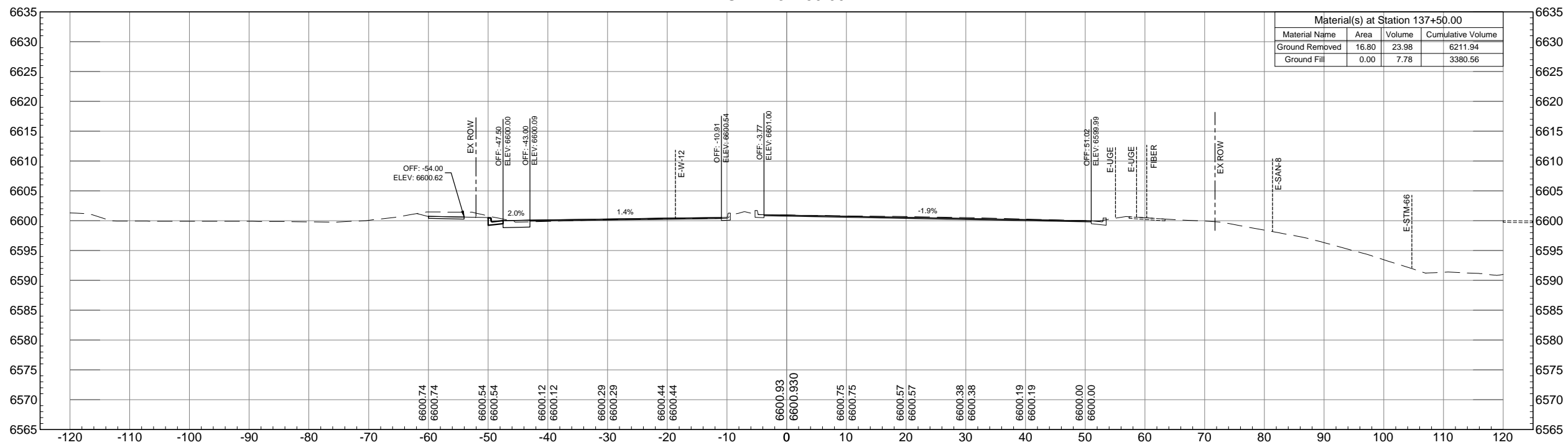


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STA. 138+00.00



STA. 137+50.00



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Drawing File Name: XS01-XS44.dwg	
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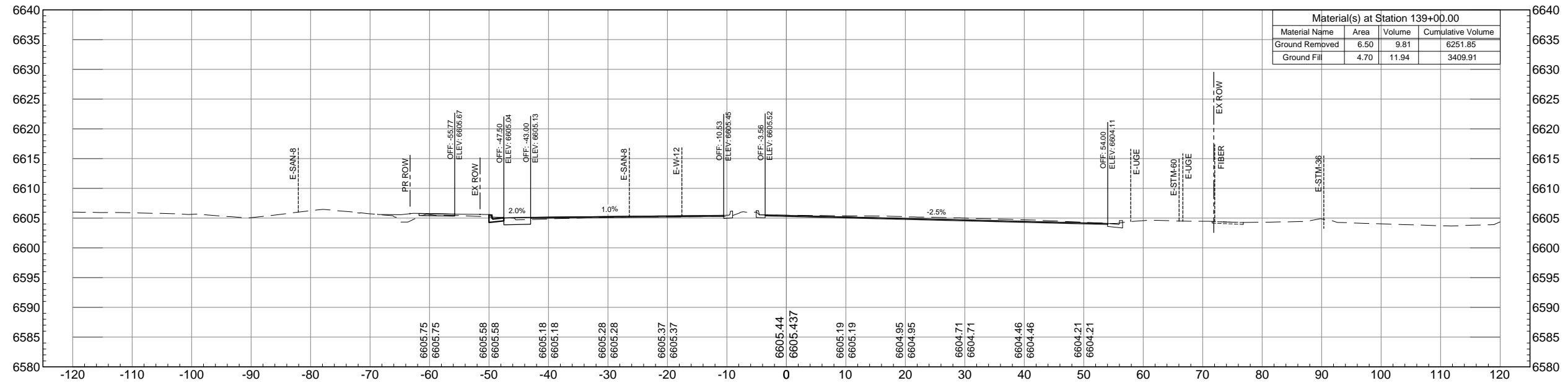


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS41 OF XS44	Sheet No: 857

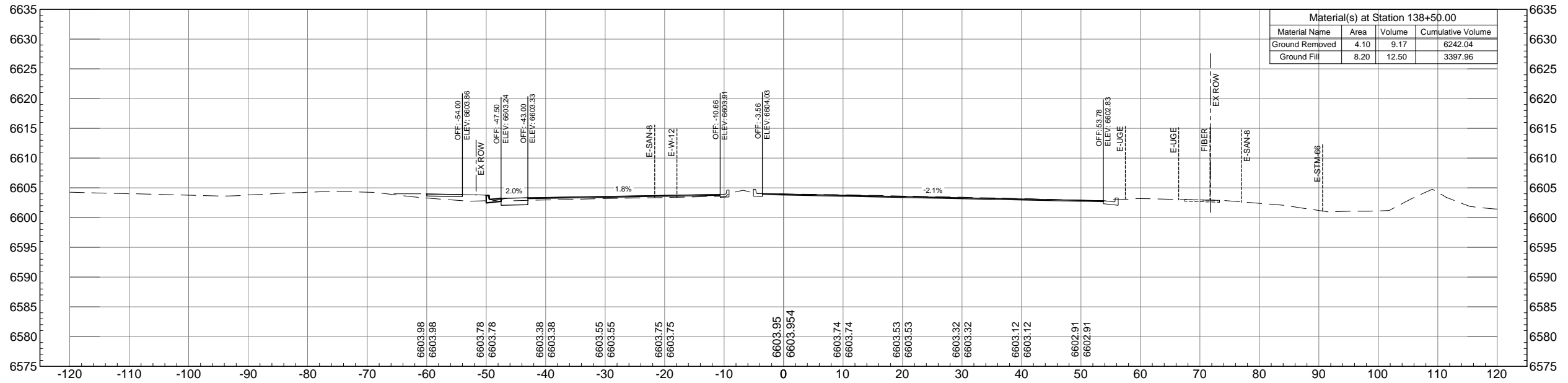


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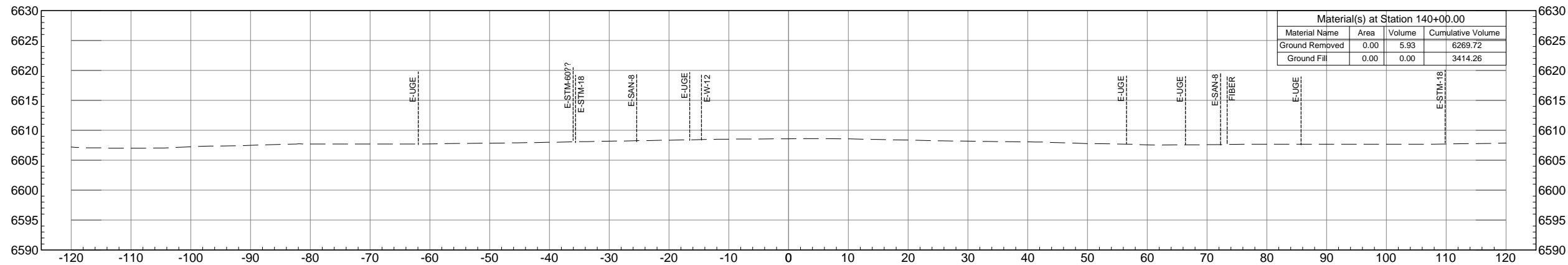


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS42 OF XS44	Sheet No: 858

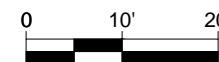
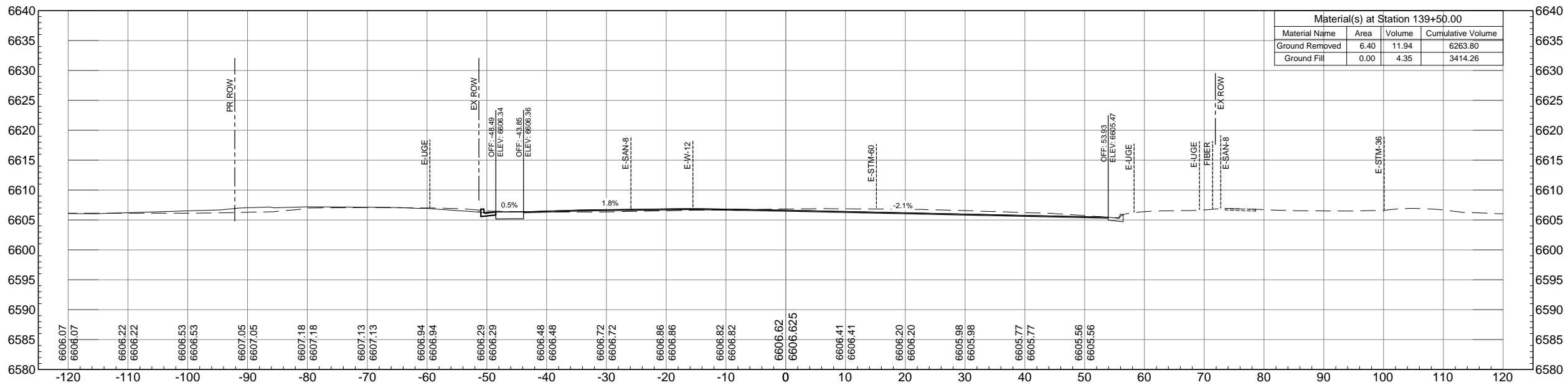


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### STA. 140+00.00



### STA. 139+50.00



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REVISIONS		
No.	Description	Date

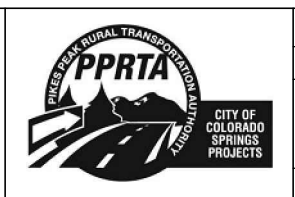
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 Colorado Springs, CO 80920  
 719.575.0100

DESIGNED BY:  
 DRAWN BY:  
 CHECKED BY:

**RFP Set**

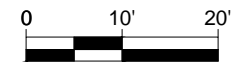
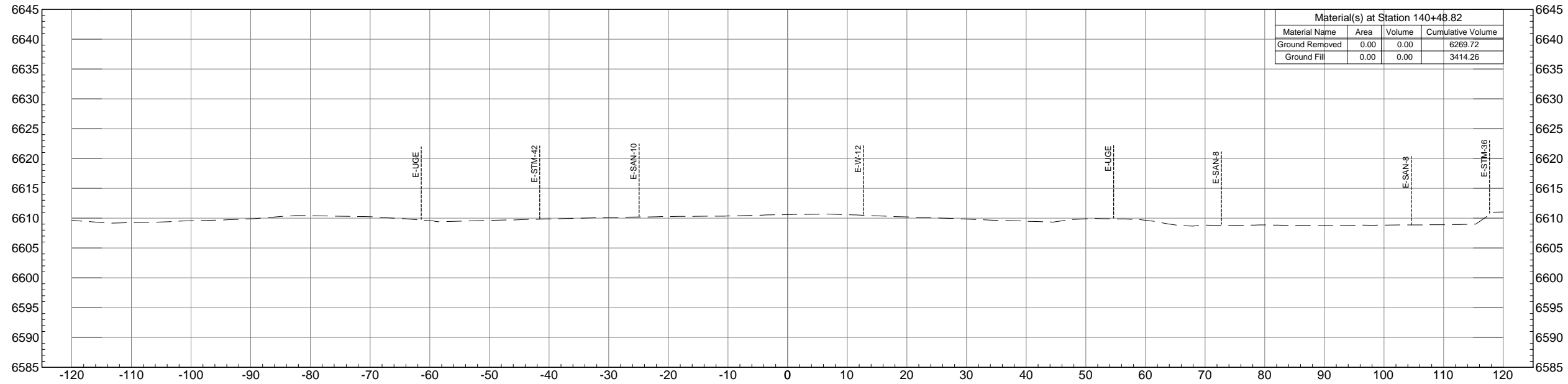


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS43 OF XS44	Sheet No: 859



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AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
ROADWAY CROSS SECTIONS		
Subset: X-SECTIONS	Subset Sheets: XS44 OF XS44	Sheet No: 860

# AUSTIN BLUFFS PARKWAY SEGMENT 3 CORRIDOR IMPROVEMENTS BARNES ROAD to OLD FARM DRIVE COLORADO SPRINGS, COLORADO

ROW PLAN SET  
OCTOBER 2012



### INDEX OF SHEETS

SHEET NO.	DESCRIPTION	DRAWING NO.
1	TITLE SHEET	ROW01
2-3	RIGHT-OF-WAY INDEX SHEETS	ROW02-ROW03
4	SURVEY CONTROL DIAGRAM	ROW04
5-9	TABULATION OF PROPERTIES	ROW05-ROW09
10-15	RIGHT-OF-WAY PLANS	ROW10-ROW15
16	TABULATION OF MONUMENTS	ROW16

### CONTROL STATEMENT

THE COORDINATE SYSTEM FOR THIS SURVEY IS A GROUND LEVEL VERSION OF THE COLORADO STATE PLANE SYSTEM (CENTRAL ZONE -1983 CONTRAINED TO 1986 VALUES PUBLISH BY NGS) MODIFIED FROM THE GRID SYSTEM BY A COMBINED SCALE FACTOR OF 1.0003054416 AND A FALSE NORTHING AND EASTING OF 50,000(N) 100,000(E). THIS SYSTEM WAS REFERENCED USING COLORADO SPRINGS UTILITIES "FIMS MONUMENT F\_90" HAVING A PUBLISHED LATITUDE OF 38°53'23.44502, A PUBLISHED LONGITUDE 104°46'26.60102

### BASIS OF BEARING:

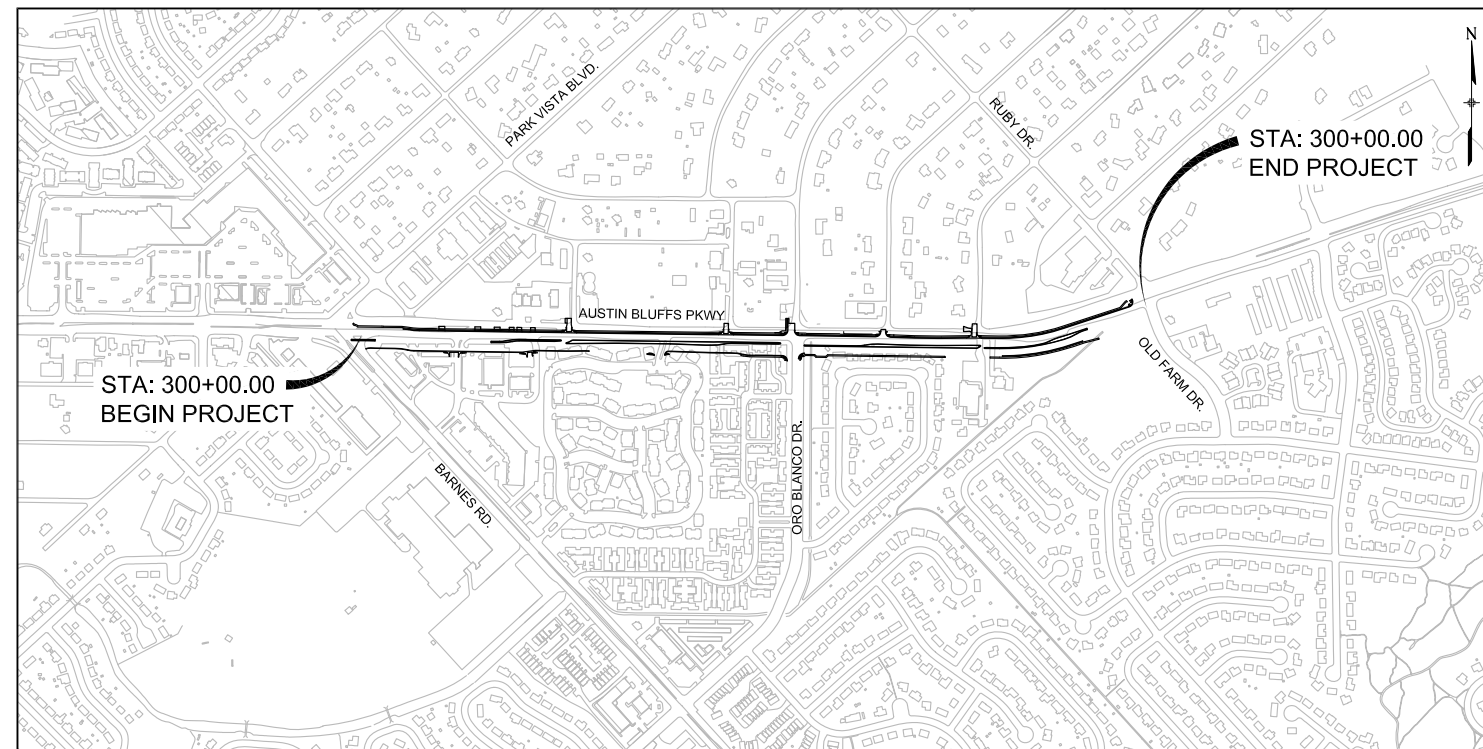
THE BEARINGS USED FOR THIS PROJECT ARE BASED ON THE NORTHEASTERLY LINE OF LOT 1, BLOCK 1 BARBARA WAGGMAN SUBDIVISION, CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, STATE OF COLORADO, BEING MONUMENTED AT THE SOUTH END BY A 1.25 INCH BRASS TAG (ILLEGIBLE) AND AT THE NORTH END BY A 1.5 INCH ALUMINUM SURVEYORS CAP (ILLEGIBLE) COLORADO STATE PLANE CENTRAL ZONE GRIB BEARING DETERMINED TO BE NORTH 42°46'19" EAST.

### BENCHMARK:

THE BENCHMARK FOR THIS PROJECT IS FIMS MONUMENT NUMBER 111 BEING A BERNTSEN TOP SECURITY MONUMENT SYSTEM WITH A 3-1/2 INCH FIMS ALUMINUM CAP IN A ROAD BOX, LOCATED IN THE CENTER MEDIAN OF AUSTIN BLUFFS PARKWAY, 52.6 FEET EAST OF THE EAST MEDIAN NOSE OPPOSITE THE DRIVEWAY FOR 1186 AUSTIN BLUFFS PARKWAY WITH A PUBLISHED ELEVATION OF 6338.48 USFT.

### CONVENTIONAL SIGNS

- △\*\* - SURVEY CONTROL POINT
- (PE\*\*\*\*) - PERMANENT EASEMENT PARCEL NUMBER
- (TE\*\*\*\*) - TEMPORARY CONSTRUCTION EASEMENT PARCEL NUMBER
- (TK\*\*\*\*) - RIGHT OF WAY TAKE PARCEL NUMBER
- - EXISTING RIGHT OF WAY
- - FEE AQUISITION PARCEL
- - PERMANENT EASEMENT
- - TEMPORARY CONSTRUCTION EASEMENT
- ⊗ - FOUND RIGHT OF WAY MONUMENT



### LOCATION MAP

NTS

ACCEPTANCE BY THE CITY OF COLORADO SPRINGS OF DESIGN WORK BY DESIGN PROFESSIONALS CONSTITUTES BELIEF THAT THE WORK HAS BEEN DONE IN ACCORDANCE WITH THE CITY STANDARDS AND ORDINANCES. WORK PRODUCTS ARE THE RESPONSIBILITY OF THE DESIGN PROFESSIONAL AND CITY ACCEPTANCE DOES NOT RELIEVE THE PROFESSIONAL OF SAID RESPONSIBILITY.

### SURVEYOR'S STATEMENT

I, ROBERT L. MEADOWS JR., A PROFESSIONAL LAND SURVEYOR, LICENSED IN THE STATE OF COLORADO, DO HEREBY STATE TO THE CITY OF COLORADO SPRINGS THAT THESE RIGHT-OF-WAY PLANS AND ASSOCIATED DOCUMENTS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION.

NAME: ROBERT L. MEADOWS JR. P.L.S. NO.34977 DATE: SEPTEMBER 2012

NOTICE: ACCORDING TO COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN 3 YEARS AFTER FIRST DISCOVERING 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 CERTIFICATE SHOWN HERON.

### FILING CERTIFICATE

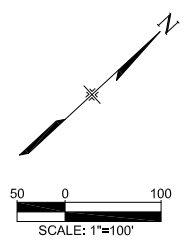
DEPOSIT THIS \_\_\_\_ DAY OF \_\_\_\_\_ 2012, AT \_\_\_\_ M. FOR INFORMATION ONLY IN BOOK \_\_\_\_\_ OF THE COUNTY LAND SURVEYS/RIGHT-OF-WAY SURVEYS AT PAGE \_\_\_\_\_, RECEPTION NUMBER \_\_\_\_\_.

SIGNED: \_\_\_\_\_

DEPT: \_\_\_\_\_

PLOT DATE: 11/16/2013

COMPUTER FILE INFORMATION			REVISIONS			STATEMENT:		AUSTIN BLUFFS PARKWAY	
Creation Date:	07/13/11	Initials: KPS	No.	Description	Date	THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.	2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100	Segment 3 - Barnes Rd. to Old Farm Dr.	
Last Modification Date:	January 2013	Initials: RLM							
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\							CITY OF COLORADO SPRINGS PROJECTS	
Drawing File Name:	ROW01.dwg								
Acad Ver.	2012	Scale:	AS SHOWN						



- PROPOSED RIGHT-OF-WAY
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/15/2011
Last Modification Date:	January 2013
Full Path:	S:\12.069.024 Austin Bluffs Final\dwg\Final\Segment 3\
Drawing File Name:	ROW02-03.dwg
Acad Ver.	2012
Scale:	AS SHOWN

REVISIONS		
No.	Description	Date

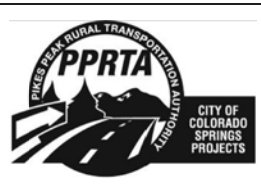
**STATEMENT:**  
 THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.



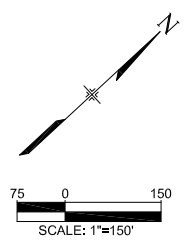
DESIGNED BY: GLS  
 DRAWN BY: CAB  
 CHECKED BY: RLM

2435 Research Pkwy, Suite 300,  
 Colorado Springs, CO 80920  
 719.575.0100

RFP Set



AUSTIN BLUFFS PARKWAY		
SEGMENT 3 - Barnes Rd. to Old Farm Dr.		
RIGHT-OF-WAY INDEX SHEET		
Subset:	ROW	Subset Sheets: ROW02 of ROW16
		Sheet No: 862



- PROPOSED RIGHT-OF-WAY
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/15/2011 Initials: CAB
Last Modification Date:	January 2013 Initials: RLM
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\
Drawing File Name:	ROW02-03.dwg
Acad Ver.	2012 Scale: AS SHOWN

REVISIONS		
No.	Description	Date

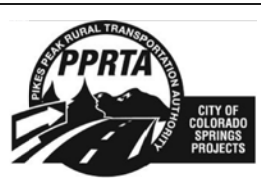
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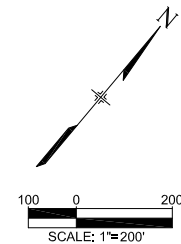
DESIGNED BY: CAB  
 DRAWN BY: CAB  
 CHECKED BY: RLM

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 719.575.0100

RFP Set



AUSTIN BLUFFS PARKWAY		
SEGMENT 3 - Barnes Rd. to Old Farm Dr.		
RIGHT-OF-WAY INDEX SHEET		
Subset: ROW	Subset Sheets: ROW03 of ROW16	Sheet No: 863



Point Table				
Point #	Northing	Easting	Elevation	Description
40	53151.32	107419.96	6496.68	CP PP 40 set 60d nail
48	55288.15	109464.27	6598.89	CP VPI 48 set pk nail
41	52512.40	108227.02	6501.83	CP VPI 41 set pk nail
49	54422.49	109966.84	6564.37	CP VPI 49 set pk nail
42	53674.35	107819.94	6515.88	CP VPI 42 set pk nail
50	55876.98	109706.50	6620.49	CP PP 50 set pk nail
9002	50398.02	105461.48	6431.64	CP firms mon ABA1
43	53117.18	108411.49	6510.66	CP PP 43 set 60d nail
51	55178.75	110518.90	6597.78	CP VPI 51 set pk nail
9003	53773.97	108491.52	6528.95	CP set no.5 w/punch
44	54198.04	108341.47	6537.14	CP VPI 44 set pk nail
52	56098.85	110177.78	6619.81	CP VPI 52 set no. 5 w/punch
45	53729.52	108966.21	6534.36	CP PP 45 set 60d nail
53	55787.94	110407.24	6613.56	CP PP 53 set pk nail
38	52948.73	106942.87	6483.59	CP PP 38 set pk nail
46	54669.89	108752.08	6557.68	CP PP 46 set pk nail
39	52120.07	107857.14	6484.72	CP PP 39 set 60d nail
47	54084.47	109318.95	6546.70	CP VPI 47 set pk nail

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/15/2011
Last Modification Date:	January 2013
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\
Drawing File Name:	ROW04.dwg
Acad Ver.	2012
Scale:	AS SHOWN

REVISIONS		
No.	Description	Date

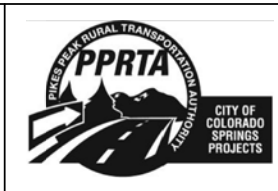
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DESIGNED BY: GLS  
 DRAWN BY: CAB  
 CHECKED BY: RLM

RFP Set



AUSTIN BLUFFS PARKWAY			
SEGMENT 3 - Barnes Rd. to Old Farm Dr.			
SURVEY CONTROL DIAGRAM			
Subset:	ROW	Subset Sheets:	ROW04 of ROW16
			Sheet No: 864



Parcel No.	Owner	Address	Location	Assessor Parcel No.	Area in ac					Remarks
					Area of Parcel	Area to be Acquired	Area of Remainder	Area of Temp Easement	Area of Perm Easement	
1	Musso Family Trust	4504 Austin Bluffs Pkwy. Mail: 215 Dittmer Ave., Pueblo, Co: 81004-1020		6323410002	21499 sq ft					Plat No: 1680 Blk G Sub of Blk 24 Ex Pt to city by BK 6734-1036 Park Vista Estates Addition
PE1									2,407 sq ft	
TE1								1,322 sq ft		
2	Austin Investment Group LLC	4526 Austin Bluffs Pkwy. Mail: 4794 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-2940		6323408019	12671 sq ft					Plat No: 1680 Lot 1 Blk B, that part of Blk K Ly adj sub of Blk 24 Park Vista Estates Addition
TE2								1,295 sq ft		
3	Austin Investment Group LLC	4550 Austin Bluffs Pkwy. Mail: 4794 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-2940		6323408020	18850 sq ft					"Plat No: 1680 Lot 20 Blk B, that part of SELY 1/2 of tract J LY adj on NW, that part of Blk K LY adj on SE Sub of Blk 24 Park Vista Estates Addition"
TE3								2,996 sq ft		
4	Foothills IV Enterprises LLC	Austin Bluffs Pkwy. Mail: 2631 Meade Cir., Colorado Springs, Co: 80907-6415		6323408022	8750 sq ft					Plat No: 1680 Lot 21 Blk B, that part of SELY 1/2 of tract J LY adj on NW, that part of Blk K LY adj on SE sub of Blk 24 Park Vista Estates Addition
TE4								750 sq ft		
5	Foothills IV Enterprises LLC	Austin Bluffs Pkwy. Mail: 2631 Meade Cir., Colorado Springs, Co: 80907-6415		6323408023	8750 sq ft					Plat No: 1680 Lot 22 Blk B, that part of SELY 1/2 of Blk J adj on NW, that part of Blk KLY adj on SE sub of Blk 24 Park Vista Estates Addition
TE5								750 sq ft		
6	Foothills IV Enterprises LLC	4608 Austin Bluffs Pkwy. Mail: 2631 Meade Cir., Colorado Springs, Co: 80907-6415		6323408024	8750 sq ft					Plat No: 1680 Lot 23 Blk B, that part of SELY 1/2 of Blk J adj on NW, that part of Blk KLY adj on SE sub of Blk 24 Park Vista Estates Addition
TE6								750 sq ft		
7	Geddes Ira M & Deborah S	4610 Austin Bluffs Pkwy. Mail: 4740 Topaz Dr., Colorado Springs, Co: 80918-2732		6323408038	8750 sq ft					Plat No: 1680 Lot 24 Blk B, that part of SELY 1/2 of Blk J adj on NW, that part of Blk KLY adj on SE sub of Blk 24 Park Vista Estates Addition
TE7								750 sq ft		
8	Myrick Douglas J Myrick Shelley L	4616 Austin Bluffs Pkwy. Mail: 16520 Mount Herman Ln., Monument, Co: 80132-8181		6323408037	8750 sq ft					Plat No: 1680 Lot 25 Blk B, that part of SELY 1/2 of Blk J adj on NW, that part of Blk KLY adj on SE sub of Blk 24 Park Vista Estates Addition
TE8								750 sq ft		
9	Oleszek Gerald M	4620 Austin Bluffs Pkwy. Mail: 1510 Big Valley Dr., Colorado Springs, Co: 80919-1026		6323408036	8750 sq ft					Plat No: 1680 Lot 26 Blk B, that part of SELY 1/2 of Blk J adj on NW, that part of Blk KLY adj on SE sub of Blk 24 Park Vista Estates Addition
TE9								750 sq ft		

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION		REVISIONS		STATEMENT:		AUSTIN BLUFFS PARKWAY		
Creation Date:	04/06/2011	Initials:	CAB	No.	Description	Date	Segment 3 - Barnes Rd. to Old Farm Dr.	
Last Modification Date:	January 2013	Initials:	RLM				RIGHT-OF-WAY PLAN TABULATION	
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\							
Drawing File Name:	ROW05-09.dwg							
Acad Ver.	2012	Scale:	AS SHOWN					Subset: ROW

THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.



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Colorado Springs, CO 80920  
719.575.0100

**RFP Set**

DESIGNED BY: GLS  
DRAWN BY: CAB  
CHECKED BY: RLM



Subset: ROW    Subset Sheets: ROW05 of ROW16    Sheet No: 865

Parcel No.	Owner	Address	Location	Assessor Parcel No.	Area in ac					Remarks	
					Area of Parcel	Area to be Acquired	Area of Remainder	Area of Temp Easement	Area of Perm Easement		
10	Weidlich Margaret M	4630 Austin Bluffs Pkwy. Mail: 3109 Dent Ave., Colorado Springs, Co: 80904-1249		6323408043	23250 sq ft						Plat No: 1680 Lots 27 to 29 inc Blk B, that part of Blk K adj on SE, ex SELY 20.0 ft of Blk K conv to city by Blk 3202-213 sub of Blk 24 Park Vista Estates Addition
TE10								300 sq ft			
11	Pueblo Bank & Trust Co.	4712/4714 Austin Bluffs Pkwy. Mail: 305 First Street Pueblo, Co. 81003		6323407028	24000 sq ft						Plat No: 4613 Lot 1 Blk 1 A vacation of a portion of a sub of Blk 24 Park Vista Estates Addition
TE11								1,555 sq ft			
12	Watters Antoinette	4739 Chromium Dr. Mail: PO Box 7441, Colorado Springs, Co: 80933-7441		6323407023	18250 sq ft						Plat No: 1680 Lot 3 Blk C, that part of Blk M adj on NW and on SE sub of Blk 24 Park Vista Estates Addition
TE12								250 sq ft			
13	Watters Antoinette	Chromium Dr. Mail: PO Box 7441, Colorado Springs, Co: 80933-7441		6323407022	18250 sq ft						Plat No: 1680 Lot 4 Blk C, that part of Blk M adj on NW and on SE sub of Blk 24 Park Vista Estates Addition
TE13								250 sq ft			
14	Watters Antoinette	Chromium Dr. Mail: PO Box 7441, Colorado Springs, Co: 80933-7441		6323407033	36500 sq ft						Plat No: 1680 Lots 5 & 6 Blk C & that part of Blk M LY NWLY of said Lots 5 & 6 LY bet NELY LN of said Lot 6 & SWLY LN of said Lot 5 both ext NWLY to intersec SELY LN of Chromium Dr., that part of Blk M LY SELY of said lots 5 &
TE14								499 sq ft			
15	Putzstuck Steven J Sikole Deborah L	Chromium Dr. Mail: 505 Hidden Valley Rd., Colorado Springs, Co: 80919-2709		6323407036	18250 sq ft						"Plat No: 1680 LOTS 7 BLK C & THAT PORT OF BLK M LY NWLY OF SD LOTS 7 & LY BET NELY LN OF SD LOT 7 & SWLY LN OF LOT 7 BOTH EXT NWLY TO INTSEC SELY LN OF CHROMIUM DR, & THAT PORT OF BLK M LY SELY OF LOTS 7 & LY BET NELY LN OF LOT 9 & SWLY LN OF LOT 7 BOT"
TE15								250 sq ft			
16	Thorpe Rick & Christine C/O All Rental Center Inc	Chromium Dr. Mail: 4780 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-2940		6323407035	36500 sq ft						"Plat No: 1680 LOTS 8 & 9 BLK C & THAT PORT OF BLK M LY NWLY OF SD LOTS 8 & 9 & LY BET NELY LN OF SD LOT 9 & SWLY LN OF LOT 8 BOTH EXT NWLY TO INTSEC SELY LN OF CHROMIUM DR, & THAT PORT OF BLK M LY SELY OF LOTS 8 & 9 & LY BET NELY LN OF LOT 9 & SWLY LN O"
TE16								501 sq ft			

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION		REVISIONS		STATEMENT:		AUSTIN BLUFFS PARKWAY	
Creation Date:	04/06/2011	Initials:	CAB	No.	Description	Date	Segment 3 - Barnes Rd. to Old Farm Dr.
Last Modification Date:	9/20/2012	Initials:	RLM				RIGHT-OF-WAY PLAN TABULATION
Full Path:	S:\12.069.024 Austin Bluffs Final\dwg\FinalSegment 3\						
Drawing File Name:	ROW05-09.dwg						
Acad Ver.	2012	Scale:	AS SHOWN				Subset: ROW   Subset Sheets: ROW06 of ROW16   Sheet No: 866

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2435 Research Pkwy, Suite 300,  
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DESIGNED BY: GLS  
DRAWN BY: CAB  
CHECKED BY: RLM

**RFP Set**





Parcel No.	Owner	Address	Location	Assessor Parcel No.	Area in ac					Remarks	
					Area of Parcel	Area to be Acquired	Area of Remainder	Area of Temp Easement	Area of Perm Easement		
17	All Rental Center Inc	4747 Austin Bluffs Pkwy. Mail: 4780 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-2940		6323407034	36500 sq ft						"Plat No: 1680 LOT 11 TR C, AS REVISED BY LOT LN VAC IN REC #96152845, TOG WITH THAT PT OF BLK M LY S & N & ADJ TO SD LOT 11 SUB OF BLK 24 PARK VISTA ESTATES ADD "
TE17								500 sq ft			
18	All Rental Center Inc	Chromium Dr. Mail: 4780 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-2940		6323407031	16750 sq ft						Plat No: 6820 Lot 2 Blk 1 Watters Sub No 1
18a	All Rental Center Inc	Chromium Dr. Mail: 4780 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-2940		6323407030	16750 sq ft						Plat No: 6820 Lot 1 Blk 1 Watters Sub No 1
19	All Rental Center Inc	4745/4850 Chromium Dr. Mail: 4780 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-2940		6323407016	38730 sq ft						Plat No: 6105 Lot 14 tract C, that part of Blk M adj on the NW to Chromium Dr. and on the S to Templeton Gap Rd. and on the E to Sapphire Dr. Sub of Blk 24 Park Vista Estates Addition
TE19								844 sq ft			
20	Foothills V Enterprises LLC	4790 Austin Bluffs Pkwy. Mail: 2631 Meade Cir., Colorado Springs, Co: 80907-6415		6323405009	10070 sq ft						Plat No: 1714 Lot 8 resub of tracts F, N, O, part of M resub of Blk 24 Park Vista Estates Addition
TE20								1,498 sq ft			
21	Foothills V Enterprises LLC	4794 Austin Bluffs Pkwy. Mail: 2631 Meade Cir., Colorado Springs, Co: 80907-6415		6323405008	10070 sq ft						Plat No: 1714 Lot 9 resub of tracts F, N, O, part of M resub of Blk 24 Park Vista Estates Addition
PE21									129 sq ft		
TE21								1,858 sq ft			
22	Lobue Michael Watters Antoinette	4815 Platinum Dr. Mail: PO Box 7441, Colorado Springs, Co: 80933-7441		6323402011	21586 sq ft						"Plat No: 1626 LOT 14 BLK 15 PARK VISTA ESTATES ADD "
TK22						3867 sq ft	17719 sq ft				
TE22								1,574 sq ft			
PE22									1,462 sq ft		
23	4850 Austin Bluffs LLC	4910 Turquoise Dr. 4850 Austin Bluffs Pkwy Mail: 13545 Highway 83, Colorado Springs, Co: 80921		6323402014	17746 sq ft						"Plat No: 1626 LOT 15 BLK 15 EX SELY 20.00 FT TO COUNTY PARK VISTA ESTATES ADD"
TE23								3,527 sq ft			
PE23									515 sq ft		

PLOT DATE: 1/16/2013

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Creation Date: 04/06/2011	Initials: CAB	No.	Description	Date			Segment 3 - Barnes Rd. to Old Farm Dr.		
Last Modification Date: January 2013	Initials: RLM						RIGHT-OF-WAY PLAN		
Full Path: S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\							TABULATION		
Drawing File Name: ROW05-09.dwg							Subset: ROW	Subset Sheets: ROW07 of ROW16	Sheet No: 867
Acad Ver. 2012	Scale: AS SHOWN								

Parcel No.	Owner	Address	Location	Assessor Parcel No.	Area in ac					Remarks
					Area of Parcel	Area to be Acquired	Area of Remainder	Area of Temp Easement	Area of Perm Easement	
24	Lee Hyo Y	4915 Turquoise Dr. Mail: 4915 Turquoise Dr., Colorado Springs, Co: 80918-5038		2147483647	19004 sq ft					Plat No: 1626 Lot 10 Blk 14 Park Vista Estates Addition Ex that portion conveyed to City by Rec #212065625
TK24						3330 sq ft	19004 sq ft			
TE24								1,833 sq ft		
PE24									100 sq ft	
25	Caruana Dan P Caruana Rhonda D	4940 Silver Dr. Mail: 4940 Silver Dr., Colorado Springs, Co: 80918-5033	S23, T13S, R66W	6323111016	26000 sq ft					Plat No: 1626 Lot 11 Blk 14 Park Vista Estates Addition
TK25						3431 sq ft	22569 sq ft			
TE25								1,958 sq ft		
PE25									997 sq ft	
26	Evangel Bible Church A/K/A Austin Bluffs Assembly	5020, 5050, and 5090 Austin Bluffs Pkwy. Mail: 5090 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-5072		6323112017	5.81 Acres					Plat No: 10497 Lot 1 Austin Bluffs Assembly
TK26						2,070 sq ft	5.76 Acres			
TE26								22,903 sq ft		
PE26									4,831 sq ft	
27	Archland Property I LLC 005-0345	4310 Barnes Rd. Mail: 4305 Beverly St, Ste. A, Colorado Springs, Co: 80918-5925		6323414012	1.25 Acres					Plat No: 10005 Lot 2 Doherty Commercial Center Fil No 1
28	Mencini-Baker Christiane Trustee Mencini-Baker Christiane Trust ATTN TAX DEPT #32646	4605 Austin Bluffs Pkwy. Mail: PO Box 711, Dallas, Tx: 75221-0711		6323414010	1.05 Acres					Plat No: 10005 Lot 3 Doherty Commercial Center Fil No 1
29	SB Advisors Inc ATTN Michael C Bullock	4609 Austin Bluffs Pkwy. Mail: PO Box 3434, Englewood, Co: 80155-3434		6323414009	1.72 Acres					Plat No: 10005 Lot 4 Doherty Commercial Center Fil No 1
30	GAWA LLC	4613 Austin Bluffs Pkwy Mail: PO Box 1208, Colorado Springs, Co: 80901-1208		6323414013	29636 sq ft					Plat No: 10116 Lot 1 Doherty Commercial Center Fil No 2
31	Sterling Pointe Apartments LLC	4620-4685 Anille Way / 4610-4650 Hinsdale Way / 4510-4680 Templeton Park Cir. Mail: 9757 NE Juanita Dr., Ste. 300, Kirkland, Wa: 98034-4291		6323413100	20.87 Acres					Plat No: 6587 Lot 1 Blk 1 Templeton Park Fil No 1 Colo Springs
PE31									172 sq ft	
TE31								1,879 sq ft		
32	Templeton Venture LLC C/O Phillip Case	4703-5032 Winewood Village Mail: 1249 E. Imperial Hwy., Ste A, Placentia, Ca: 92870-1745		6323413121	246,985 sq ft					Plat No: 6473 Lot 1 Blk 1 Barbara Waggaman Sub
TK 32						1,463 sq ft	245,522 sq ft			
TE32								4,811 sq ft		
PE32									996 sq ft	
33	Rowley Josh R Rowley Casey S	4909 Turquoise Cir. Mail: 4909 Turquoise Cir., Colorado Springs, Co: 80917-1213		6323411028	12132 sq ft					Plat No: 4462 Lot 28 Blk 1 Turquoise Sub Fil No 1 Colorado Springs
PE33									476 sq ft	

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Full Path: S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\							TABULATION		
Drawing File Name: ROW05-09.dwg							Subset: ROW	Subset Sheets: ROW08 of ROW16	Sheet No: 868
Acad Ver. 2012	Scale: AS SHOWN								

Parcel No.	Owner	Address	Location	Assessor Parcel No.	Area in ac					Remarks	
					Area of Parcel	Area to be Acquired	Area of Remainder	Area of Temp Easement	Area of Perm Easement		
34	Kolar Clayton A & Teresa G	4901 Turquoise Cir. Mail: 4901 Turquoise Cir., Colorado Springs, Co: 80917-1213		6323411047	12858 sq ft						"Plat No: 4462 LOT 27 BLK 1 TURQUOISE SUB FIL NO 1, TOG WITH THAT PARCEL OF LAND LY BET LOTS 27 & 28 BLK 1 TURQUOISE SUB FIL NO 1, DES AS FOLS: BEG AT MOST WLY COR OF SD LOT 27, TH S 87<49'01" E ALG SLY LN OF LOT 27 A DIST OF 162.12 FT TO A PT ON WLY R/"
TE34								1,034 sq ft			
TK34						45 sq.ft	12813 sq ft				
35	Hernandez Cipriano & Genevieve	4881 Turquoise Cir. Mail: 4881 Turquoise Cir., Colorado Springs, Co: 80917-1211		6323411026	8369 sq ft						Plat No: 4462 Lot 26 Blk 1 Turquoise sub Fil No 1 Colorado Springs
TE35								325 sq ft			
36	Brettschneider Walter Brettschneider Anita H	4875 Turquoise Cir. Mail: 4875 Turquoise Cir., Colorado Springs, Co: 80917-1211		6323411025	8119 sq ft						Plat No: 4462 Lot 25 Blk 1 Turquoise sub Fil No 1 Colorado Springs
TE36								325 sq ft			
37	Birgy Gregory T Birgy Michele M	4869 Turquoise Cir. Mail: 4869 Turquoise Cir., Colorado Springs, Co: 80917-1211		6323411024	8119 sq ft						Plat No: 4462 Lot 24 Blk 1 Turquoise sub Fil No 1 Colorado Springs
TE37								325 sq ft			
38	Tafoya Robert J Tafoya Angela M	4863 Turquoise Cir. Mail: 4863 Turquoise Cir., Colorado Springs, Co: 80917-1211		6323411023	8119 sq ft						Plat No: 4462 Lot 23 Blk 1 Turquoise sub Fil No 1 Colorado Springs
TE38								325 sq ft			
39	Tabbert Michael J	4857 Turquoise Cir. Mail: 149 Larsen Circle Vallejo, CA. 94589-1944		6323411022	8138 sq ft						Plat No: 4462 Lot 22 Blk 1 Turquoise sub Fil No 1 Colorado Springs
TE39								325 sq ft			
40	Johnson Jennifer B Bailey Jillian M	4851 Turquoise Cir. Mail: 4851 Turquoise Cir., Colorado Springs, Co: 80917-1211		6323411021	8705 sq ft						Plat No: 4462 Lot 21 Blk 1 Turquoise sub Fil No 1 Colorado Springs
TE40								343 sq ft			
41	Feasel Vincent R & Susan M	4845 Turquoise Cir. Mail: 4845 Turquoise Cir., Colorado Springs, Co: 80917-1211		6323411020	15217 sq ft						Plat No: 4462 Lot 20 Blk 1 Turquoise sub Fil No 1 Colorado Springs
TE41								725 sq ft			
42	Phelan Corp	4955 Austin Bluffs Pkwy. Mail: 4955 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-5043		6323411042	2.02 Acres						Plat No: 5259 Lot 1 Blk 1 Phelan Subdivision Colorado Springs
43	Old Farm Business Park LTD	4985 Austin Bluffs Pkwy. Mail: 4850 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-5069		6323411045	22070 sq ft						Plat No: 6435 Lot 1 Old Farm Business Park Colorado Springs
TE43								1,597 sq ft			
44	Old Farm Business Park LTD	4995 Austin Bluffs Pkwy. Mail: 4850 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-5069		6323411046	13643 sq ft						Plat No: 6435 Lot 2 Old Farm Business Park Colorado Springs
45	Old Farm Business Park LTD	5015 Austin Bluffs Pkwy. Mail: 4850 Austin Bluffs Pkwy., Colorado Springs, Co: 80918-5069		6323113001	31700 sq ft						Plat No: 6435 Lot 3 Old Farm Business Park Colorado Springs
46	Colorado Springs Retirement residence LLC	4825 Old Farm Dr. Mail: PO Box 847 Carlsbad, CA. 92018-0847		6324208009	7.38 Acres						Plat No: 12675 Lot 1 Colorado Springs Retirement Residence

PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/06/2011 Initials: CAB
Last Modification Date:	January 2013 Initials: RLM
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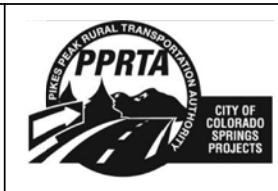
REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

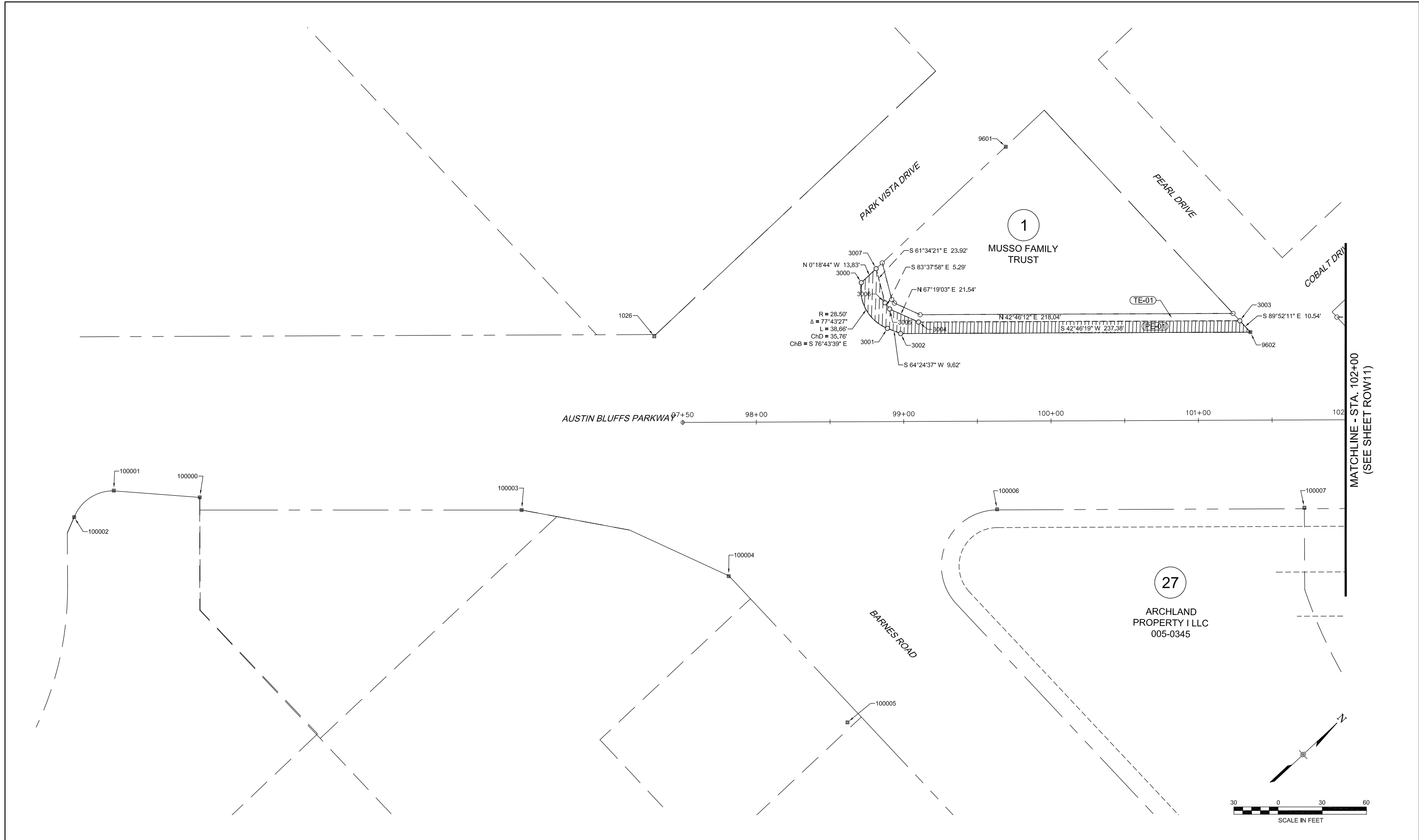
2435 Research Pkwy, Suite 300,  
Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: GLS  
DRAWN BY: CAB  
CHECKED BY: RLM

RFP Set



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
RIGHT-OF-WAY PLAN TABULATION		
Subset:	ROW	Subset Sheets: ROW09 of ROW16 Sheet No: 869



MATCHLINE - STA. 102+00  
(SEE SHEET ROW11)

COMPUTER FILE INFORMATION	
Creation Date:	04/06/2011
Last Modification Date:	January 2013
Full Path:	S:\12.069.024 Austin Bluffs Final\Drawg\Final\Segment 3\
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Acad Ver.	2012
Scale:	AS SHOWN

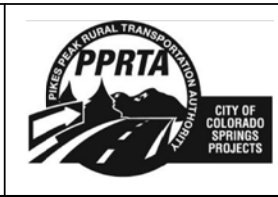
REVISIONS		
No.	Description	Date

**STATEMENT:**  
 THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

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 719.575.0100

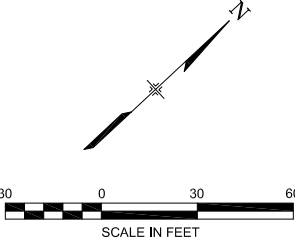
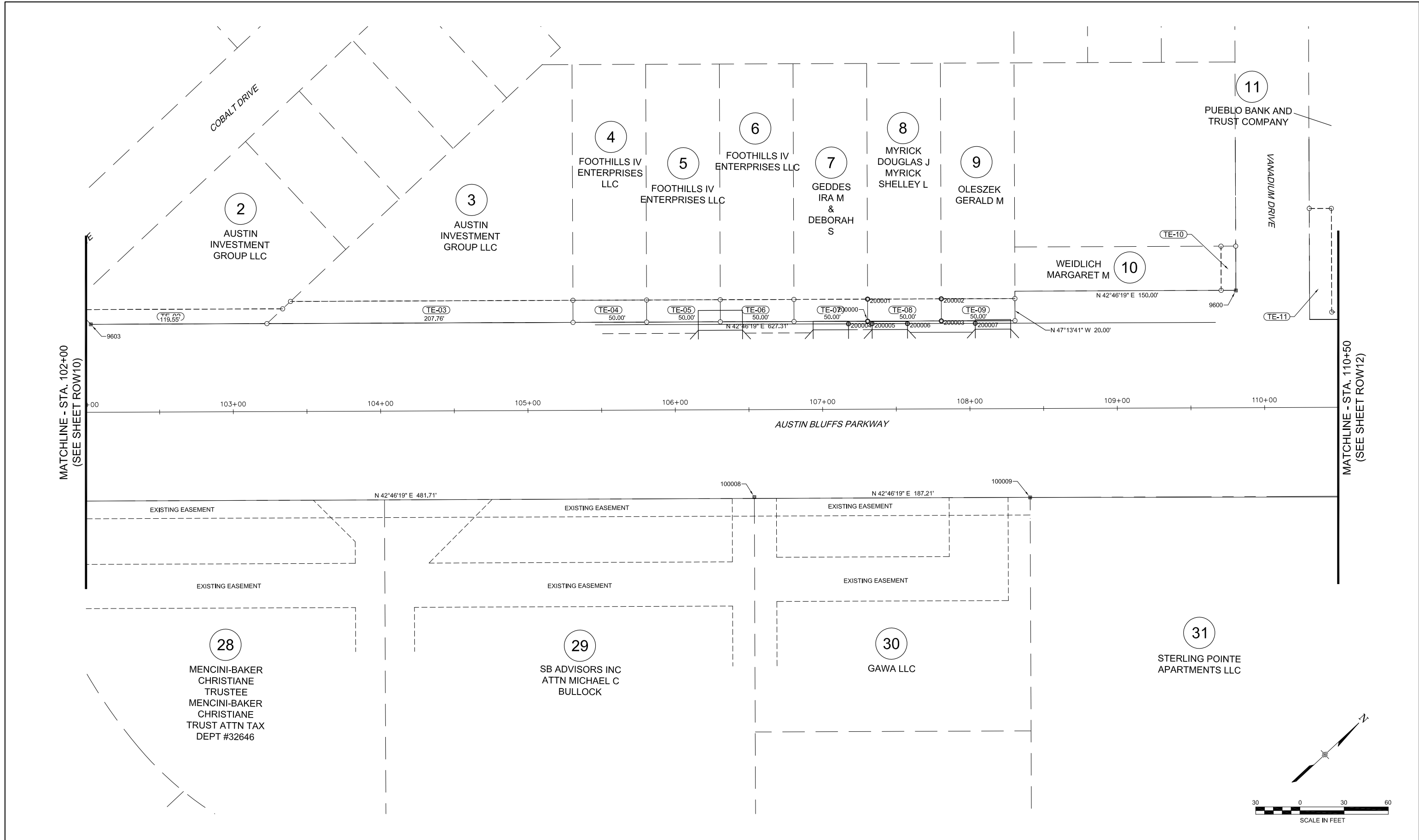
DESIGNED BY: GLS  
 DRAWN BY: CAB  
 CHECKED BY: RLM

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
RIGHT-OF-WAY PLAN		
STA. 98+50 TO STA. 102+00		
Subset:	ROW	Subset Sheets: ROW10 of ROW16
Sheet No:	870	

PLOT DATE: 1/16/2013



PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/06/2011
Last Modification Date:	January 2013
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Drawing File Name:	ROW10-15.dwg
Acad Ver.	2012
Scale:	AS SHOWN

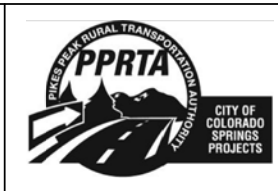
REVISIONS		
No.	Description	Date

**STATEMENT:**  
 THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

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 CHECKED BY: RLM

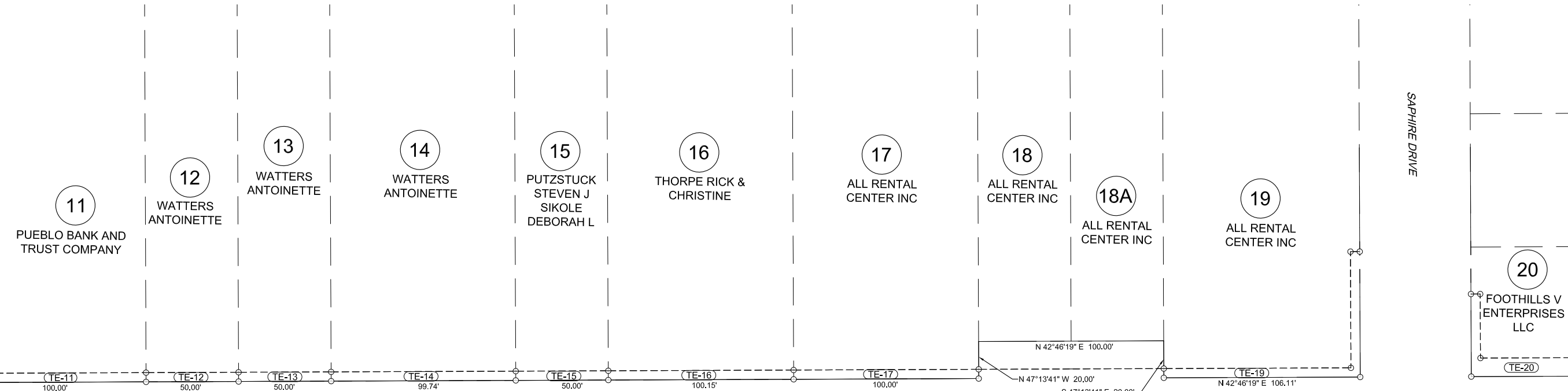
**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
RIGHT-OF-WAY PLAN		
STA. 102+00 TO STA. 110+50		
Subset:	ROW	Subset Sheets: ROW11 of ROW16
Sheet No:	871	

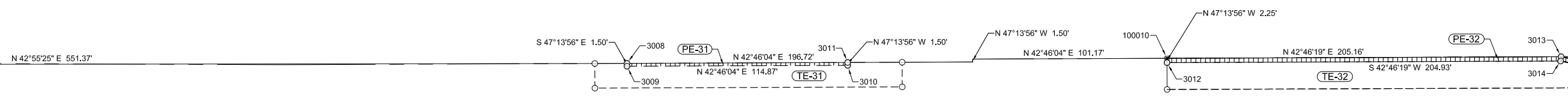
MATCHLINE - STA. 110+50  
(SEE SHEET ROW11)

MATCHLINE - STA. 119+00  
(SEE SHEET ROW13)



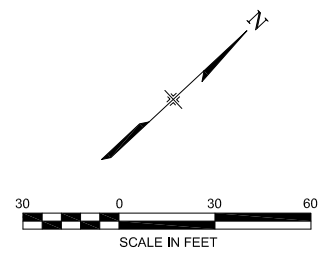
111+00 112+00 113+00 114+00 115+00 116+00 117+00 118+00 119

AUSTIN BLUFFS PARKWAY



31  
STERLING POINTE  
APARTMENTS LLC

32  
TEMPLETON VENTURE LLC



PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/06/2011 Initials: CAB
Last Modification Date:	January 2013 Initials: RLM
Full Path:	S:\12.069.024 Austin Bluffs Final\dwg\Final\Segment 3\
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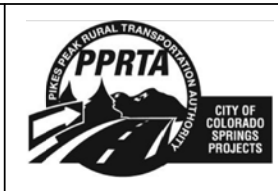
REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
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DESIGNED BY: CAB  
DRAWN BY: CAB  
CHECKED BY: RLM

**RFP Set**

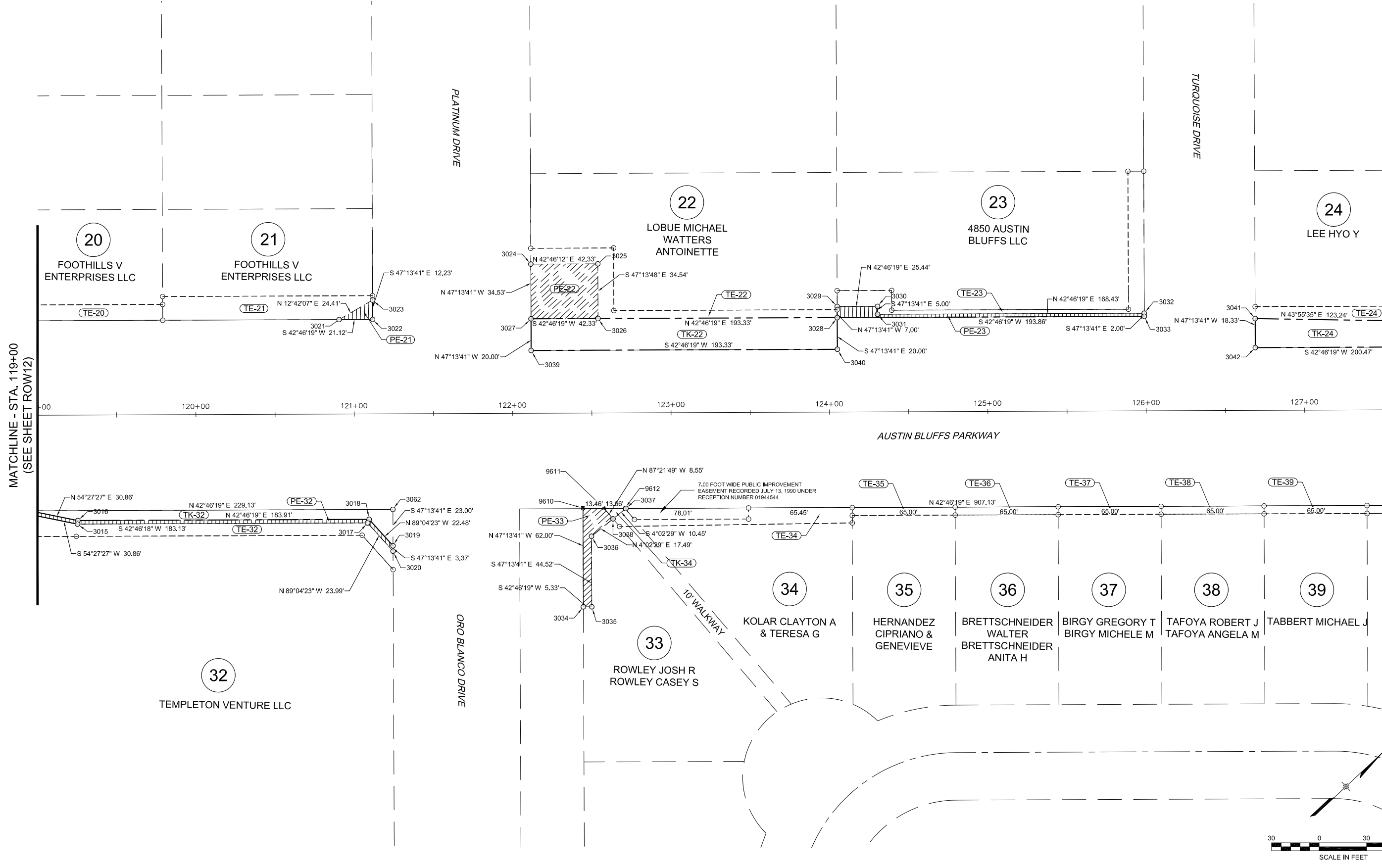


AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
RIGHT-OF-WAY PLAN		
STA. 110+50 TO STA. 119+00		
Subset:	ROW	Subset Sheets: ROW12 of ROW16 Sheet No: 872



MATCHLINE - STA. 119+00  
(SEE SHEET ROW12)

MATCHLINE - STA. 127+50  
(SEE SHEET ROW14)



PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/06/2011 Initials: CAB
Last Modification Date:	January 2013 Initials: RLM
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\
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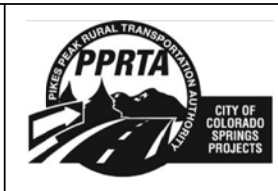
REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
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Colorado Springs, CO 80920  
719.575.0100

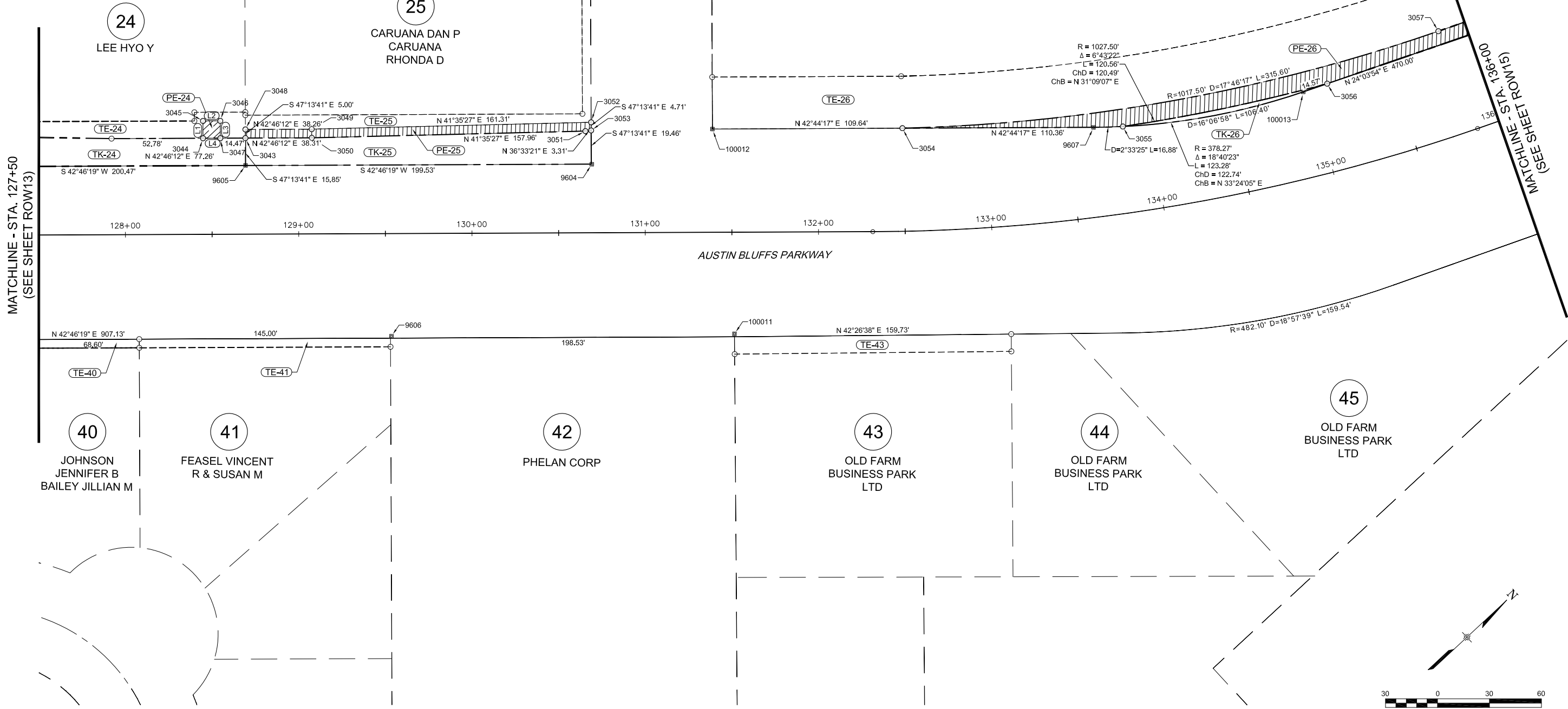
DESIGNED BY: GLS  
DRAWN BY: CAB  
CHECKED BY: RLM

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
RIGHT-OF-WAY PLAN		
STA. 119+00 TO STA. 127+50		
Subset:	ROW	Subset Sheets: ROW13 of ROW16 Sheet No: 873

Line Table		
Line #	Direction	Length
L1	N47° 13' 48"W	10.00
L2	N42° 46' 12"E	10.00
L3	S47° 13' 48"E	10.00
L4	N42° 46' 12"E	10.00



MATCHLINE - STA. 127+50  
(SEE SHEET ROW13)

MATCHLINE - STA. 136+00  
(SEE SHEET ROW14)

PLOT DATE: 11/16/2013

COMPUTER FILE INFORMATION	
Creation Date:	04/06/2011 Initials: CAB
Last Modification Date:	January 2013 Initials: RLM
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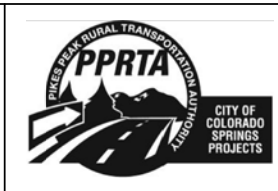
REVISIONS		
No.	Description	Date

STATEMENT:  
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.

**Matrix DESIGN GROUP**  
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Colorado Springs, CO 80920  
719.575.0100

DESIGNED BY: GLS  
DRAWN BY: CAB  
CHECKED BY: RLM

**RFP Set**



AUSTIN BLUFFS PARKWAY		
Segment 3 - Barnes Rd. to Old Farm Dr.		
RIGHT-OF-WAY PLAN STA. 127+50 TO STA. 136+00		
Subset:	ROW	Subset Sheets: ROW14 of ROW16 Sheet No: 874

26

EVANGEL BIBLE CHURCH A/K/A AUSTIN BLUFFS ASSEMBLY

RUBY DRIVE

TE-26

TK-26

PE-26

MATCHLINE - STA. 136+00 (SEE SHEET ROW14)

136+00 137+00 138+00 139+00 140+00 140+49

AUSTIN BLUFFS PARKWAY

N 23°27'45" E 231.16'

N 23°53'25" E 224.78'

S 0°10'02" W 9.45'

9608

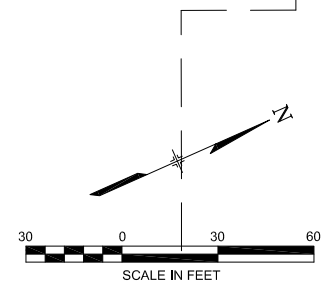
9609

OLD FARM DRIVE

S 66°05'29" E 97.62'

46

COLORADO SPRINGS RETIREMENT RESIDENCE LLC



COMPUTER FILE INFORMATION

Creation Date: 04/06/2011 Initials: CAB
Last Modification Date: January 2013 Initials: RLM
Full Path: S:\12.069.024 Austin Bluffs Final\Drawg\Final\Segment 3\
Drawing File Name: ROW10-15.dwg
Acad Ver: 2012 Scale: AS SHOWN

REVISIONS

Table with 3 columns: No., Description, Date

STATEMENT:

THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.



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DESIGNED BY: GLS
DRAWN BY: CAB
CHECKED BY: RLM

RFP Set



AUSTIN BLUFFS PARKWAY

Segment 3 - Barnes Rd. to Old Farm Dr.

RIGHT-OF-WAY PLAN
STA. 136+00 TO STA. 140+48.82

Subset: ROW Subset Sheets: ROW15 of ROW16 Sheet No: 875

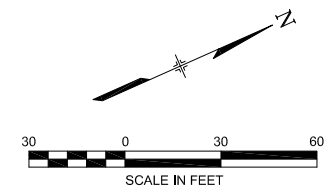
PLOT DATE: 1/16/2013

Point Table				
Point #	Northing	Easting	Elevation	Description
38	52948.73	106942.87	6483.59	CP PP 38 set pk nail
39	52120.07	107857.14	6484.72	CP PP 39 set 60d nail
40	53151.32	107419.96	6496.68	CP PP 40 set 60d nail
41	52512.40	108227.02	6501.83	CP VPI 41 set pk nail
42	53674.35	107819.94	6515.88	CP VPI 42 set pk nail
43	53117.18	108411.49	6510.66	CP PP 43 set 60d nail
44	54198.04	108341.47	6537.14	CP VPI 44 set pk nail
45	53729.52	108966.21	6534.36	CP PP 45 set 60d nail
46	54669.89	108752.08	6557.68	CP PP 46 set pk nail
47	54084.47	109318.95	6546.70	CP VPI 47 set pk nail
48	55288.15	109464.27	6598.89	CP VPI 48 set pk nail
49	54422.49	109966.84	6564.37	CP VPI 49 set pk nail
50	55876.98	109706.50	6620.49	CP PP 50 set pk nail
51	55178.75	110518.90	6597.78	CP VPI 51 set pk nail
52	56098.85	110177.78	6619.81	CP VPI 52 set no. 5 w/punch
53	55787.94	110407.24	6613.56	CP PP 53 set pk nail
1026	52602.19	107396.64	6486.31	FMON CN?
9003	53773.97	108491.52	6528.95	CP set no.5 w/punch
9600	53534.01	108229.86	6519.81	FMON 1 1/2IN AC
9601	52864.48	107465.20	6493.24	FMON NAIL W/TAG 10377
9602	52900.01	107670.45	6495.81	FMON 1IN IRON PIPE
9603	52949.94	107716.65	6496.98	FMON 1IN IRON PIPE
9604	55039.97	109677.44	6585.69	FMON P/C PLS 22096
9605	54893.34	109541.68	6577.18	FMON P/C PLS 22096

Point Table				
Point #	Northing	Easting	Elevation	Description
9606	54887.70	109671.23	6579.48	FMON P/C PLS 13830
9607	55266.26	109859.38	6588.78	FMON 1 1/2IN AC
9608	55739.00	110227.13	6606.89	FMON P/C PLS 13830
9609	55699.44	110316.37	6608.41	FMON FND X CUT
9610	54366.55	109190.25	6551.82	FMON P/C 10108
9611	54376.29	109199.44	6552.24	FMON P/C 10108
9612	54385.98	109208.33	6552.18	FMON P/C 10108
9613	56666.06	110492.78	6650.58	FMON P/C 10376
9614	56356.43	110355.52	6633.34	FMON NAIL W/TAG 10376
100000	52302.02	107266.16	6477.20	FMON 151025 CHIS +
100001	52262.49	107223.03	6475.73	FMON 151022 1.5INAC BADLY BENT T
100002	52230.51	107217.87	6475.59	FMON 151021 1IN RPC PLS20581
100003	52455.91	107421.44	6482.68	FMON 151026 CHIS X
100004	52528.08	107550.12	6487.58	FMON 151029 FND CHIS +
100005	52519.35	107677.72	6491.07	FMON 151031 FND 1.25IN YPC ILLEG
100006	52692.25	107641.15	6491.48	FMON 151038 FND
100007	52845.54	107782.58	6497.21	FMON 151039 FND 1.5IN AC PLS1322
100008	53199.30	108109.57	6509.61	FMON 151041 FND
100009	53336.04	108237.38	6514.99	FMON 151042 FND 1.25IN BRASS TAG
100010	53959.49	108814.05	6538.94	FMON 151045 FND 1.5IN AC ILLEG
100011	55033.39	109805.25	6586.87	FMON 151060 FND 1IN YPC PLS13830
100012	55104.75	109710.06	6585.71	FMON 151106 FND 1.5IN AC ILLEG
100013	55368.79	109926.93	6592.13	FMON 151102 FND 1.5IN AC PLS 286
100014	55533.48	110136.10	6599.08	FMON 151065 FND .25IN YPC BROKEN

Point Table				
Point #	Northing	Easting	Elevation	Description
3000	52729.81	107465.76	0.00	EASEMENT
3001	52721.60	107500.57	0.00	EASEMENT
3002	52725.76	107509.25	0.00	EASEMENT
3003	52900.03	107659.91	0.00	EASEMENT
3004	52739.97	107511.86	0.00	EASEMENT
3005	52731.67	107491.98	0.00	EASEMENT
3006	52732.26	107486.72	0.00	EASEMENT
3007	52743.64	107465.69	0.00	EASEMENT
3008	53752.10	108624.27	0.00	EASEMENT
3009	53751.08	108625.37	0.00	EASEMENT
3010	53835.41	108703.37	0.00	EASEMENT
3011	53836.43	108702.27	0.00	EASEMENT
3012	53957.96	108815.70	0.00	EASEMENT
3013	54110.08	108953.37	0.00	EASEMENT
3014	54108.34	108954.80	0.00	EASEMENT
3015	54126.33	108979.98	0.00	EASEMENT
3016	54128.02	108978.48	0.00	EASEMENT
3017	54260.76	109104.34	0.00	EASEMENT
3018	54263.02	109103.37	0.00	EASEMENT
3019	54262.66	109125.85	0.00	EASEMENT
3020	54260.37	109128.32	0.00	EASEMENT
3021	54335.22	108998.17	0.00	EASEMENT
3022	54350.72	109012.51	0.00	EASEMENT
3023	54359.03	109003.53	0.00	EASEMENT
3024	54447.58	109055.07	0.00	EASEMENT
3025	54478.66	109083.81	0.00	EASEMENT
3026	54455.20	109109.17	0.00	EASEMENT
3027	54424.13	109080.42	0.00	EASEMENT
3028	54566.05	109211.71	0.00	EASEMENT
3029	54570.80	109206.57	0.00	EASEMENT
3030	54589.47	109223.84	0.00	EASEMENT
3031	54586.08	109227.51	0.00	EASEMENT

Point Table				
Point #	Northing	Easting	Elevation	Description
3032	54709.71	109341.89	0.00	EASEMENT
3033	54708.35	109343.36	0.00	EASEMENT
3034	54324.26	109235.97	0.00	EASEMENT
3035	54328.17	109239.59	0.00	EASEMENT
3036	54358.41	109206.90	0.00	EASEMENT
3037	54386.27	109208.87	0.00	EASEMENT
3038	54375.85	109208.14	0.00	EASEMENT
3039	54410.55	109095.10	0.00	EASEMENT
3040	54552.46	109226.39	0.00	EASEMENT
3041	54758.60	109392.12	0.00	EASEMENT
3042	54746.16	109405.57	0.00	EASEMENT
3043	54904.08	109530.07	0.00	EASEMENT
3044	54886.11	109513.45	0.00	EASEMENT
3045	54892.94	109506.15	0.00	EASEMENT
3046	54900.24	109512.90	0.00	EASEMENT
3047	54893.45	109520.24	0.00	EASEMENT
3048	54907.47	109526.40	0.00	EASEMENT
3049	54935.55	109552.38	0.00	EASEMENT
3050	54932.20	109556.09	0.00	EASEMENT
3051	55050.34	109660.95	0.00	EASEMENT
3052	55056.20	109659.46	0.00	EASEMENT
3053	55053.00	109662.92	0.00	EASEMENT
3054	55185.27	109784.47	0.00	EASEMENT
3055	55278.98	109870.54	0.00	EASEMENT
3056	55382.10	109932.87	0.00	EASEMENT
3057	55449.67	109954.47	0.00	EASEMENT
3058	55734.25	110080.30	0.00	EASEMENT
3059	55716.50	110082.21	0.00	EASEMENT
3060	55797.94	110118.58	0.00	EASEMENT
3061	55798.05	110073.43	0.00	EASEMENT
3062	54278.28	109108.97	0.00	EASEMENT



PLOT DATE: 1/16/2013

COMPUTER FILE INFORMATION		REVISIONS		STATEMENT:		AUSTIN BLUFFS PARKWAY		
Creation Date:	04/06/2011	No.	Description	Date	THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED IT'S SCOPE OF REVIEW ACCORDINGLY.	Segment 3 - Barnes Rd. to Old Farm Dr.		
Last Modification Date:	January 2013					TABULATION OF MONUMENTS COORDINATES		
Full Path:	S:\12.069.024 Austin Bluffs FinalDwg\FinalSegment 3\					TABULATION OF EASEMENT COORDINATES		
Drawing File Name:	ROW10-15.dwg					Subset: ROW    Subset Sheets: ROW16 of ROW16    Sheet No: 876		
Acad Ver.	2012	Scale:	AS SHOWN			2435 Research Pkwy, Suite 300, Colorado Springs, CO 80920 719.575.0100 		



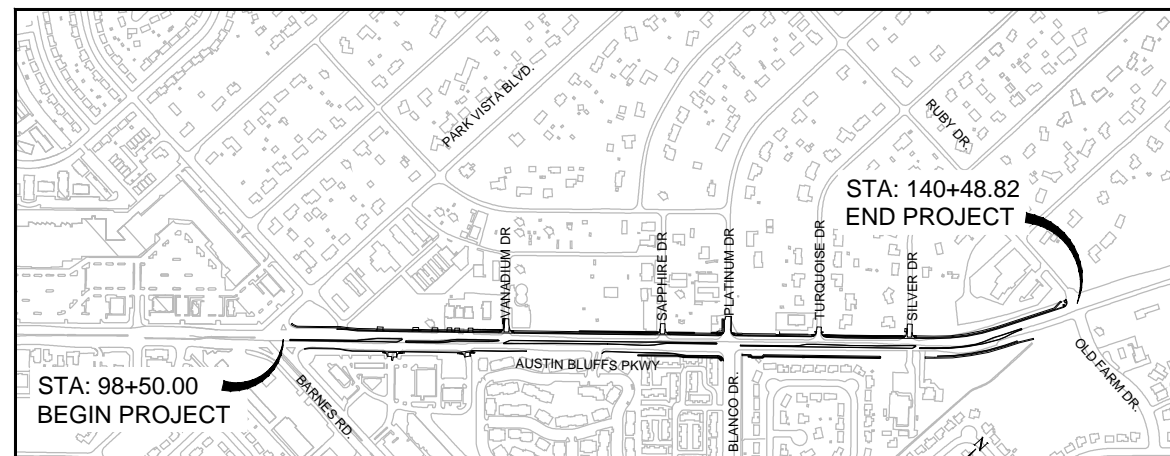
**PLANNING & ENGINEERING DEPARTMENT  
DESIGN SERVICES**

Approved for Construction

By: \_\_\_\_\_  
Colorado Springs Utility Design Approval: \_\_\_\_\_ Date \_\_\_\_\_

PROJECT #: 2012-S062  
W.O. #: 250 5037

**AUSTIN BLUFFS PARKWAY SEGMENT 3 CORRIDOR IMPROVEMENTS  
BARNES ROAD to OLD FARM DRIVE  
COLORADO SPRINGS, COLORADO  
FINAL CONSTRUCTION PLANS  
JANUARY 2013**



**VICINITY MAP**

1"=1000'

THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.

TROY D. SLOCUM, PE  
COLORADO P.E. NO. 35270

DATE \_\_\_\_\_

PREPARED UNDER MY DIRECT SUPERVISION, FOR AND ON BEHALF OF  
WILSON & COMPANY



(AS BUILT INFORMATION)		(PROJECT RELATED INFORMATION)	
DATE STARTED:		MASTER WORK ORDER NUMBER:	
DATE COMPLETED:		PROJECT NUMBER:	
FOREMAN:		FIMS MAP: M26	
INSPECTOR:		SHEET NO: 1 OF 9	SAN01
CONTRACTOR:		NETWORK LOCATION & DRAWING TITLE:	
		M:\TRN\09-100-305-00\CADD\SHEETS	
		REVISIONS:	

# GENERAL NOTES

## PLANNING AND DESIGN – WASTEWATER GENERAL NOTES

THE CONTRACTOR SHALL NOTIFY THE SPRINGS UTILITIES, INSPECTION SUPERVISOR (668-4658) 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO OUTLINE METHODS OF CONSTRUCTION, MATERIALS TO BE USED, AND CONSTRUCTION STAKING.

- AT APPLICANTS EXPENSE, ALL DIP SHALL BE CATHODICALLY PROTECTED BY BONDING ALL JOINTS, POLY-WRAPPING THE PIPE, AND BY INSTALLING 17LB MAGNESIUM ANODES AT THE LOCATIONS SHOWN ON THE DRAWINGS.
- ALL FACILITIES SHALL BE INSTALLED PER COLORADO SPRINGS UTILITIES LINE EXTENSION AND SERVICE STANDARDS.
- APPLICANT'S DESIGN PLAN IS NOT ELIGIBLE FOR APPROVAL UNTIL SPRINGS UTILITIES HAS APPROVED ANY REQUIRED BYPASS PUMPING PLAN OR FLOW MANAGEMENT PLAN. THE CONTRACTOR SHALL HAVE 100% REDUNDANT PUMPING CAPACITY WITH TWENTY FOUR (24) HOUR SUPERVISION DURING ALL PUMPING OPERATIONS.
- CONTRACTOR SHALL LOCATE AND RAISE ALL MANHOLES LOCATED WITHIN THE PROJECT LIMITS. IF THE MANHOLE IS IN POOR CONDITION OR IF THE DISTANCE BETWEEN THE RING/COVER AND CONE OF THE MANHOLE EXCEEDS THE WASTEWATER STANDARDS, THE CONTRACTOR MAY BE REQUIRED TO REPLACE PART OR ALL OF THE EXISTING MANHOLE.
- FOR ALL MANHOLES TO BE ABANDONED, CONTRACTOR SHALL: PLUG THE "IN" AND "OUT" INVERTS WITH A WATERTIGHT MECHANICAL PLUG AND GROUTED, REMOVE AND DISPOSE OF THE CONE SECTION, REMOVE THE RING AND COVER RETURN THEM TO SPRINGS UTILITIES, AND FILL THE MANHOLE WITH COMPACTED FILL.
- IF AN ABANDONED WASTEWATER LINE FALLS UNDER A PROPOSED STRUCTURE, CONTRACTOR SHALL REMOVE IT OR GROUTE IT FULL.
- IF FIELD CONDITIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE INSPECTOR AND THE ENGINEER IMMEDIATELY SO THAT APPLICANT CAN TAKE APPROPRIATE ACTION.
- APPLICANT IS RESPONSIBLE FOR ANY DAMAGE TO THE WASTEWATER MAINS AS A RESULT OF HIS AGENTS ACTIONS. THE CONTRACTOR SHALL MAKE ALL THE REQUIRED REPAIRS IMMEDIATELY TO THE SATISFACTION OF THE INSPECTOR.
- ALL PIPELINES 10" DIAMETER AND LARGER AND PIPELINES AT A GRADE OF 1.04% OR LESS SHALL BE "AS-BUILT" SURVEYED. "AS-BUILT" DRAWING(S) AND ELECTRONIC FILE SHALL BE SUBMITTED TO THE SPRINGS UTILITIES (INFRASTRUCTURE RECORDS) FOR APPROVAL.
- FOR ALL SEPTIC TANKS TO BE ABANDONED, CONTRACTOR SHALL PLUG THE INVERTS, REMOVE THE LID, AND FILL THE TANK WITH APPROVED (GRANULAR) COMPACTED FILL. AT APPLICANT'S SOLE EXPENSE, CONTRACTOR SHALL NOTIFY THE EL PASO COUNTY DEPARTMENT OF HEALTH WHEN ANY SEPTIC TANK IS ABANDONED AND OBTAIN ALL NECESSARY FEES AND PERMITS.
- THE CONTRACTOR WILL VERIFY AND RECONNECT ALL PRE-EXISTING SERVICE CONNECTIONS SUBJECT TO THE INSPECTOR'S APPROVAL. THE CONTRACTOR SHALL NOTE THAT SERVICES OTHER THAN THOSE FROM ADJACENT STRUCTURES MAY BE ENCOUNTERED.
- CONTRACTOR SHALL INSTALL TRACER WIRE WITH ALL WASTEWATER MAINS AND SERVICE LINES (FROM THE WASTEWATER MAIN TO THE BUILDING STRUCTURE).
- NO TREES ARE PERMITTED WITHIN FIFTEEN FEET (15') OF A WASTEWATER MAIN OR INTERCEPTOR.
- COLORADO SPRINGS UTILITIES ACCEPTS NO RESPONSIBILITY FOR WASTEWATER STUB-OUTS. OWNER/DEVELOPER(S) UTILIZING EXISTING STUB-OUTS SHALL BE RESPONSIBLE FOR ENSURING THAT THE STUB-OUT, CONNECTION, TRANSITION AND SUBSEQUENT EXTENSION MEETS ALL CURRENT COLORADO SPRINGS UTILITIES' LINE EXTENSION AND SERVICE STANDARDS.

# SERVICES

## GENERAL NOTES FOR SANITARY SEWER SERVICE LINES

THE CONTRACTOR SHALL NOTIFY THE COLORADO SPRINGS UTILITIES, DISPATCH (668-3524) 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO OUTLINE METHODS OF CONSTRUCTION, MATERIALS TO BE USED, CONSTRUCTION STAKING.

- WASTEWATER SERVICES TO BE LOCATED IN THE CENTER OF THE LOT, OR THE CENTER OF THE DRIVEWAY FOR A FLAG LOT. (PER WASTEWATER DETAIL DRAWING C 5-1)  
NOTE: ALTERNATE SERVICE LOCATION, IS ONLY WITH THE APPROVAL OF COLORADO SPRINGS UTILITIES SHOWN ON WASTEWATER DETAIL DRAWING C 5-1.
- SANITARY SEWER SERVICES TO BE INSTALLED A MINIMUM OF 7 FEET INTO THE PROPERTY UNLESS OTHERWISE SHOWN.
- PROPERTY END OF ALL SEWER SERVICES TO BE MARKED WITH A 2"X 4"X12 FOOT WOOD POST EXTENDING VERTICALLY FROM FLOW-LINE.
- FINAL LOCATION OF ALL SEWER, WATER AND GAS SERVICES TO BE APPROVED IN THE FIELD BY THE COLORADO SPRINGS UTILITY INSPECTOR.
- UTILITY LOCATIONS, WHETHER OR NOT SHOWN ON THIS PLAN, IN NO WAY RELIEVES THE CONTRACTOR FROM THE RESPONSIBILITY OF CALLING FOR AND OBTAINING UTILITY LOCATIONS FROM THE APPROPRIATE AUTHORITIES PRIOR TO BEGINNING EXCAVATION.
- SANITARY SEWER SERVICE CONNECTIONS TO BE CONNECTED AT A MINIMUM OF 5 FEET FROM ANY MANHOLE ON THE MAIN LINE AND TWO (2) FEET BETWEEN TAPS CENTER TO CENTER.
- ALL CLEANOUTS SHALL BE THE SAME SIZE AS THE HOST PIPE (I.E. 6" SERVICE LINE REQUIRES A 6" CLEAN-OUT, TO BE INSTALLED PER COLORADO SPRINGS UTILITIES STANDARD DETAIL C 5-4).

## Approved for Construction

By: \_\_\_\_\_  
*Colorado Springs Utilities* Date  
 250 5037 2012-S062  
 W.O. # PROJECT #

PREPARED UNDER THE DIRECT SUPERVISION OF:

SIGNED \_\_\_\_\_ DATE \_\_\_\_\_  
 TROY D. SLOCUM COLORADO P.E. #35270

# MATERIALS

SYSTEM		UOM	USED	MATERIAL DESCRIPTION
5	TOTAL	LF	( )	PIPE, PVC SDR35, 8" PIPE, PVC SDR35, 6"
	2727 182	LF	( )	
5	5	EA	( )	5' DIAMETER MANHOLE
		EA	( )	4' DIAMETER MANHOLE
5	5	EA	( )	8" PLUG
		EA	( )	6" CLEANOUT
1	1	EA	( )	6" SERVICE TAP
		EA	( )	CONNECTION TO EXIST. PRIVATE SANITARY SYSTEM
1	1	EA	( )	MODIFY EXISTING MANHOLE (REPLACE CONE)
		EA	( )	MODIFY EXISTING MANHOLE, (CORE DRILL 8", REPLACE MANHOLE BASE, REPLACE INVERT CONDITION)
3	3	EA	( )	20" SLEEVE WITH SKIDS & END COVERS

- NOTES:  
 1. THIS MATERIAL LIST MAY VARY DEPENDING ON INSTALLATION AND DOES NOT INCLUDE MISCELLANEOUS MATERIAL.  
 2. THIS LIST IS NOT TO BE USED FOR BIDDING PURPOSES, REFER TO PROJECT MANUAL FOR BID ITEM LIST.

**WILSON & COMPANY**

SITE MAP: N.T.S.

## LEGEND

---	ROW/PROPERTY LINE	←	PROPOSED REDUCER
---	CURB LINE	←	PROPOSED VALVE
---	EXISTING GAS MAIN	←	EXISTING VALVE
---	EXISTING WATER	←	PROPOSED BLOWOFF
---	PROPOSED WATER	←	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	←	PROPOSED PLUG
---	PROPOSED STORM DRAIN	←	EXISTING PLUG
---	EXISTING SAN. SEWER	←	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	←	PROPOSED FIRE HYDRANT

## (PROJECT RELATED INFORMATION)

FIMS MAP: M-26  
 SHEET NO: 2 of 9  
 NETWORK LOCATION & DRAWING TITLE:  
 M:\TRN\09-100-305-00\CADD\SHEETS\sanitary sewer set\GEN01.dwg  
 REVISIONS:  
 5 REVISION NO. 1 04-08-13

## AUSTIN BLUFFS PARKWAY SEGMENT 3 SANITARY

**Matrix DESIGN GROUP**

2435 Research Parkway, Suite 300  
 Colorado Springs, CO 80920  
 Phone 719-575-0100  
 Fax 719-575-0208

**Colorado Springs Utilities**  
*it's how we're all connected*

DESIGN BY: NAB	DATE: JANUARY, 2013
APPROVED BY: TDS	DATE: JANUARY, 2013
SURVEYED BY:	DATE:
	SCALE:

SAN02

**TABULATION OF SANITARY SEWER**

STATION		8-INCH PVC (SDR35)	6-INCH PVC (SDR35)	SANITARY MH (5' DIA)	SANITARY MH (4' DIA)	8-INCH PLUG	6-INCH CLEANOUT	6-INCH SERVICE TAP	CONNECT TO EXISTING SANITARY SEWER	20" SLEEVE INCL. SKIDS & END COVERS	MODIFY EXIST MH	COMMENTS
BEGIN	END	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	
<b>SANITARY 1</b>												
101+52											1	REPLACE MH CONE
108+34											1	CORE DRILL, REPLACE MH CONE, REPLACE MH BASE AND REPLACE INVERT CONDITION
108+34	109+97	165										
109+97				1								
109+97	113+73	376										
113+73					1							
113+73	117+49	376										
117+49					1							
117+49	118+21	81										
118+21				1								
118+21	121+66	345										
121+66				1								
121+66	123+00	134								1		
123+00					1							
123+00	126+36	336										
126+36				1								
126+36	128+50	214										
128+50					1							
128+50	131+10	260										
131+10				1								
<b>SANITARY 2</b>												
109+97	109+97	118										
109+97						1						
<b>SANITARY 3</b>												
118+21	118+21	67										
118+21						1						
<b>SANITARY 4</b>												
121+66	121+66	72										
121+66						1						
<b>SANITARY 5</b>												
126+36	126+36	58							5	1		
126+36						1						
<b>SANITARY 6</b>												
131+08	131+10	125								1		
131+08						1						
<b>SANITARY 7</b>												
129+42	131+10		182									
129+42										1		
129+66										1		
130+74												
131+10												
<b>SEGMENT 3 TOTALS</b>		<b>2727</b>	<b>182</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>2</b>	

**Approved for Construction**  
 By: \_\_\_\_\_ Date \_\_\_\_\_  
 Colorado Springs Utilities  
 250 5037 2012-S062  
 W.O. # PROJECT #  
 PREPARED UNDER THE DIRECT SUPERVISION OF:  
 SIGNED: TROY D. SLOCUM COLORADO P.E. #35270 DATE \_\_\_\_\_



SITE MAP: N.T.S.

**LEGEND**

	ROW/PROPERTY LINE		PROPOSED REDUCER
	CURB LINE		PROPOSED VALVE
	EXISTING GAS MAIN		EXISTING VALVE
	EXISTING WATER		PROPOSED BLOWOFF
	PROPOSED WATER		EXISTING BLOWOFF
	EXISTING STORM DRAIN		PROPOSED PLUG
	PROPOSED STORM DRAIN		EXISTING PLUG
	EXISTING SAN. SEWER		EXISTING FIRE HYDRANT
	PROPOSED SAN. SEWER		PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)  
 FIMS MAP: M-26  
 SHEET NO: 3 of 9  
 NETWORK LOCATION & DRAWING TITLE:  
 M:\TRN\09-100-305-00\CADD\SHEETS\sanitary sewer set\TAB01.DWG  
 REVISIONS:  
 5 REVISION NO. 1 04-08-13

**AUSTIN BLUFFS PARKWAY  
 SEGMENT 3 SANITARY**

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APPROVED BY: TDS	DATE: JANUARY, 2013
SURVEYED BY:	DATE:
	SCALE:

SAN03

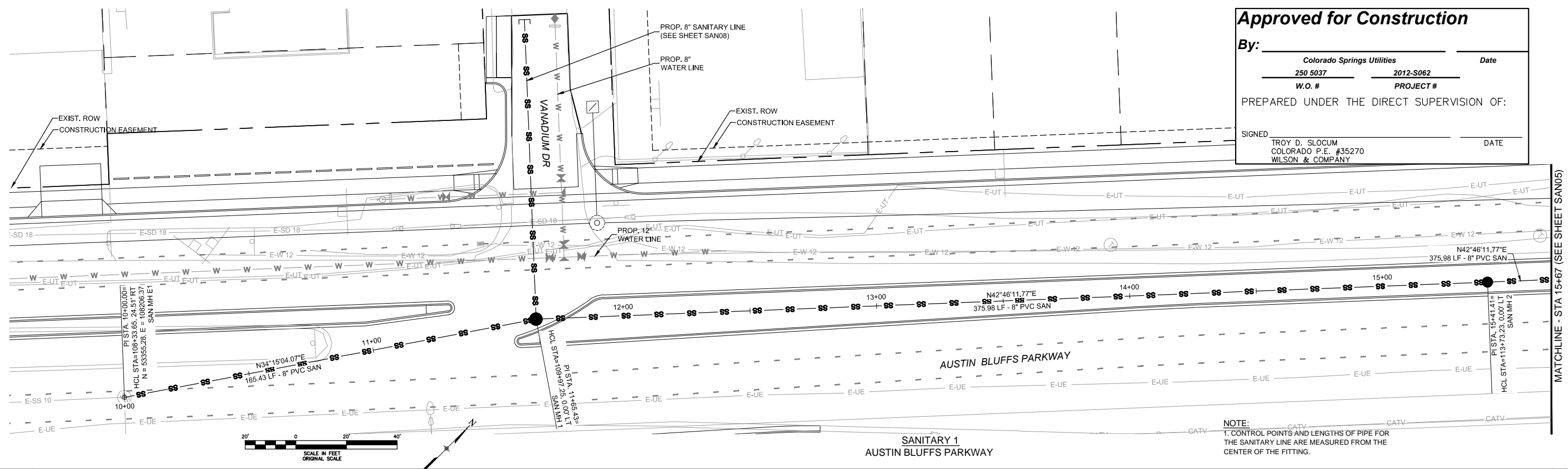
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By: \_\_\_\_\_ Date \_\_\_\_\_

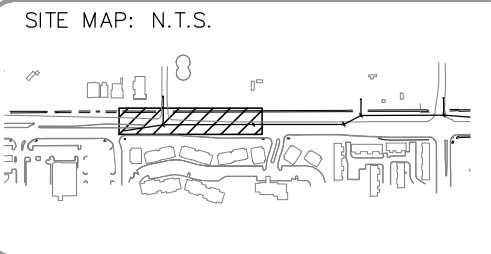
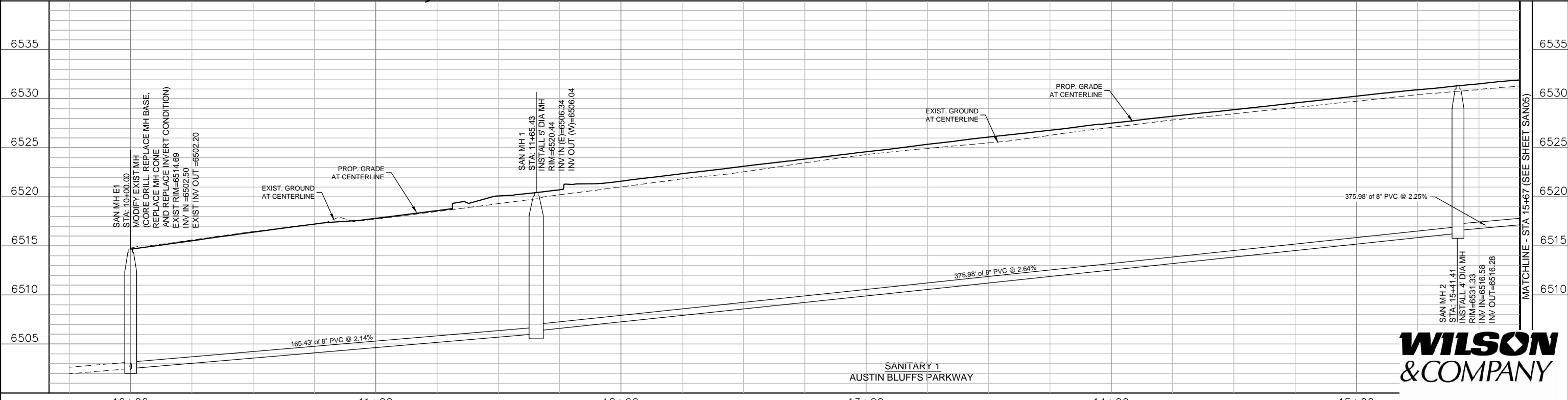
Colorado Springs Utilities  
250 5037 2012-S062  
W.O. # PROJECT #

PREPARED UNDER THE DIRECT SUPERVISION OF:

SIGNED: TROY D. SLOCUM COLORADO P.E. #35270 WILSON & COMPANY DATE \_\_\_\_\_



**NOTE:**  
1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE SANITARY LINE ARE MEASURED FROM THE CENTER OF THE FITTING.



**LEGEND**

--- (dashed line)	ROW/PROPERTY LINE	--- (line with arrow)	PROPOSED REDUCER
--- (solid line)	CURB LINE	--- (line with valve symbol)	PROPOSED VALVE
--- (line with 'G')	EXISTING GAS MAIN	--- (line with valve symbol)	EXISTING VALVE
--- (line with 'W')	EXISTING WATER	--- (line with diamond symbol)	PROPOSED BLOWOFF
--- (line with 'W')	PROPOSED WATER	--- (line with diamond symbol)	EXISTING BLOWOFF
--- (line with 'SD 30')	EXISTING STORM DRAIN	--- (line with diamond symbol)	PROPOSED PLUG
--- (line with 'SD 30')	PROPOSED STORM DRAIN	--- (line with diamond symbol)	EXISTING PLUG
--- (line with 'SS 8')	EXISTING SAN. SEWER	--- (line with diamond symbol)	EXISTING FIRE HYDRANT
--- (line with 'SS 8')	PROPOSED SAN. SEWER	--- (line with diamond symbol)	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)

FIMS MAP: M-26  
SHEET NO: 4 of 9  
NETWORK LOCATION & DRAWING TITLE:  
M:\TRN\09-100-305-00\CADD\SHEETS\sanitary sewer set\SAN01-SAN04.dwg  
REVISIONS:

**AUSTIN BLUFFS PARKWAY SEGMENT 3 SANITARY**

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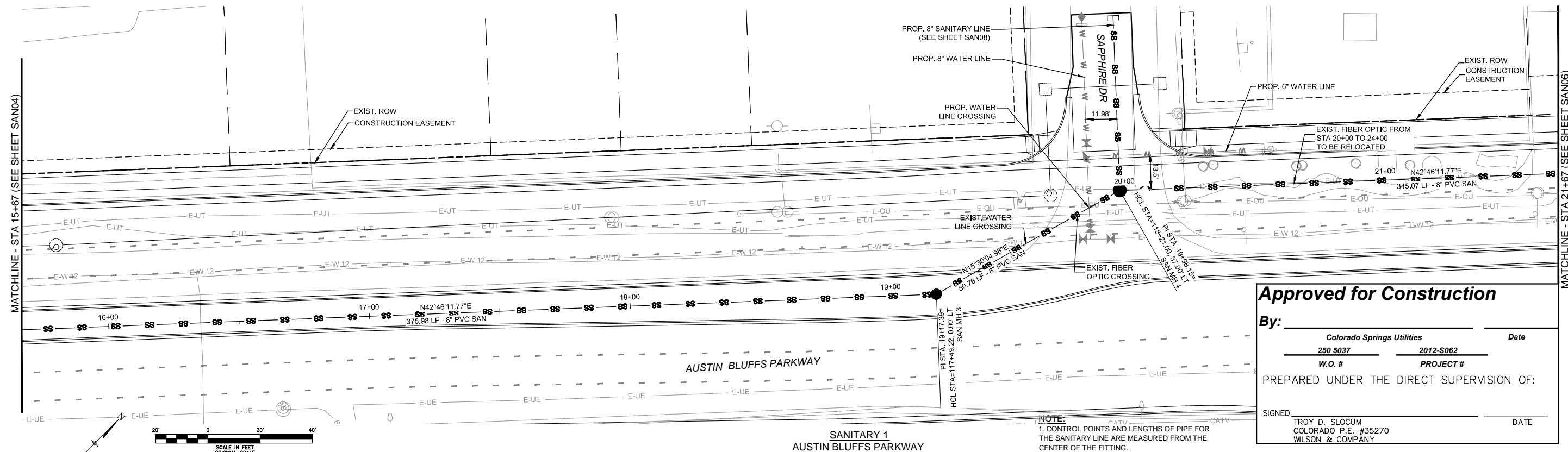
DESIGN BY: NAB	DATE: JANUARY, 2013
APPROVED BY: TDS	DATE: JANUARY, 2013
SURVEYED BY:	DATE:
	SCALE:

SAN04



MATCHLINE - STA 15+67 (SEE SHEET SAN04)

MATCHLINE - STA 21+67 (SEE SHEET SAN06)



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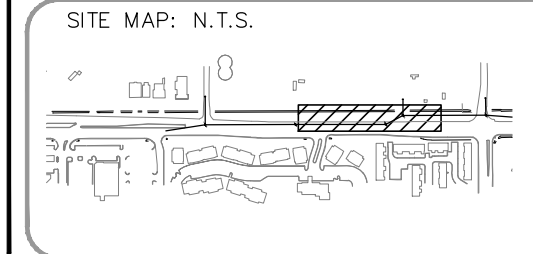
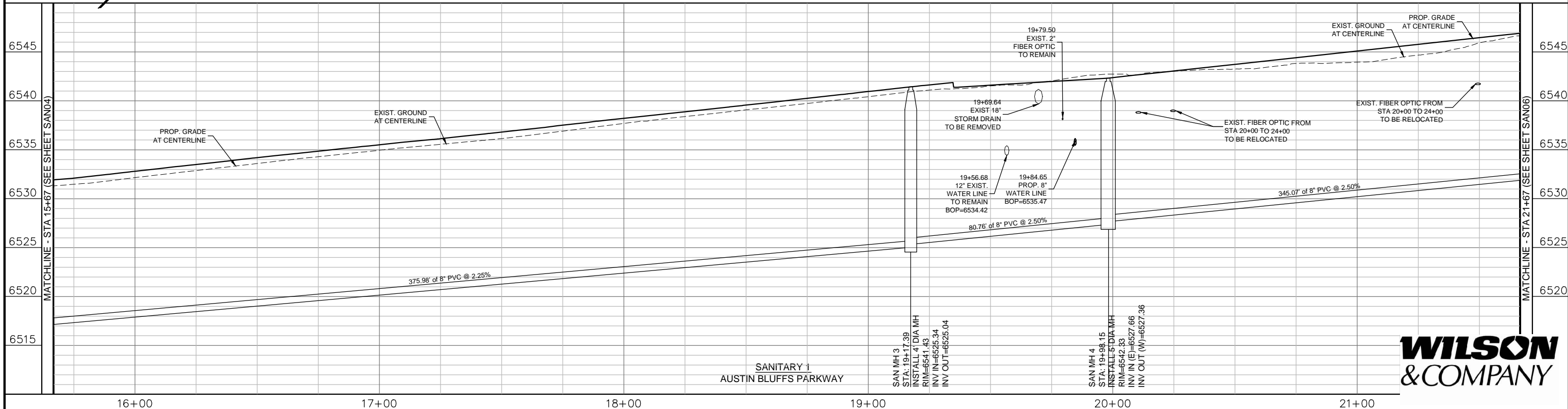
By: \_\_\_\_\_ Date \_\_\_\_\_

Colorado Springs Utilities  
250 5037 2012-S062  
W.O. # PROJECT #

PREPARED UNDER THE DIRECT SUPERVISION OF:

SIGNED: TROY D. SLOCUM COLORADO P.E. #35270 WILSON & COMPANY DATE \_\_\_\_\_

NOTE:  
1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE SANITARY LINE ARE MEASURED FROM THE CENTER OF THE FITTING.



**LEGEND**

---	ROW/PROPERTY LINE	—X—	PROPOSED REDUCER
---	CURB LINE	—V—	PROPOSED VALVE
---	EXISTING GAS MAIN	—V—	EXISTING VALVE
---	EXISTING WATER	—X—	PROPOSED BLOWOFF
---	PROPOSED WATER	—X—	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	—X—	PROPOSED PLUG
---	PROPOSED STORM DRAIN	—X—	EXISTING PLUG
---	EXISTING SAN. SEWER	—X—	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	—X—	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)

FIMS MAP: M-26

SHEET NO: 5 of 9

NETWORK LOCATION & DRAWING TITLE:  
M:\TRN\09-100-305-00\CADD\SHEETS\sanitary sewer set\SAN01-SAN04.dwg

REVISIONS:

**AUSTIN BLUFFS PARKWAY SEGMENT 3 SANITARY**

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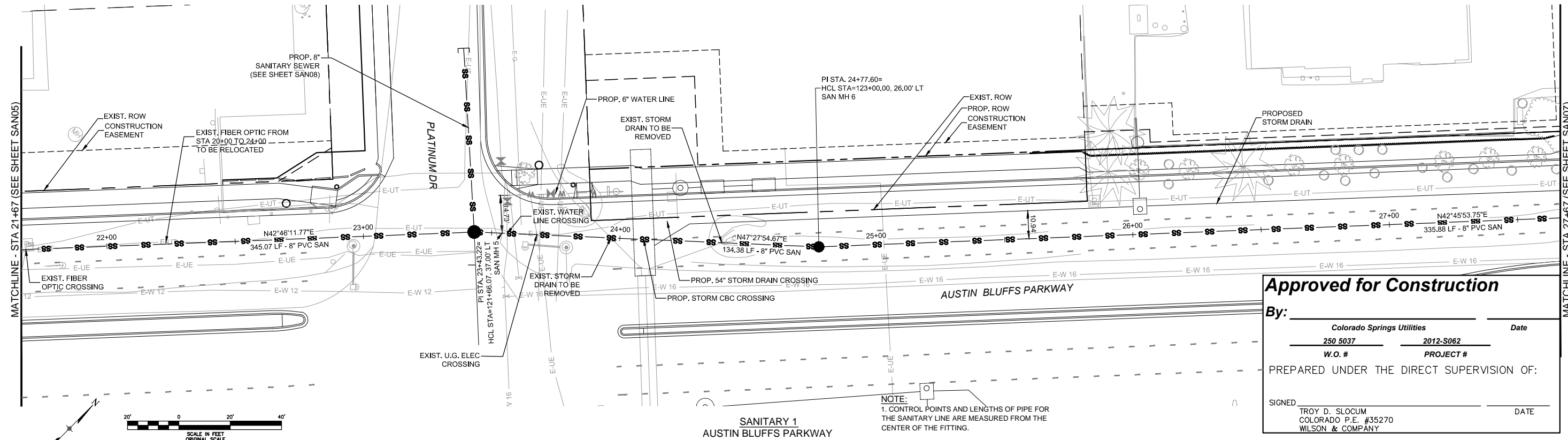
DESIGN BY: NAB DATE: JANUARY, 2013

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SCALE: \_\_\_\_\_

SAN05



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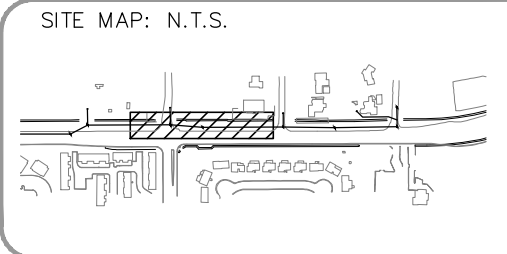
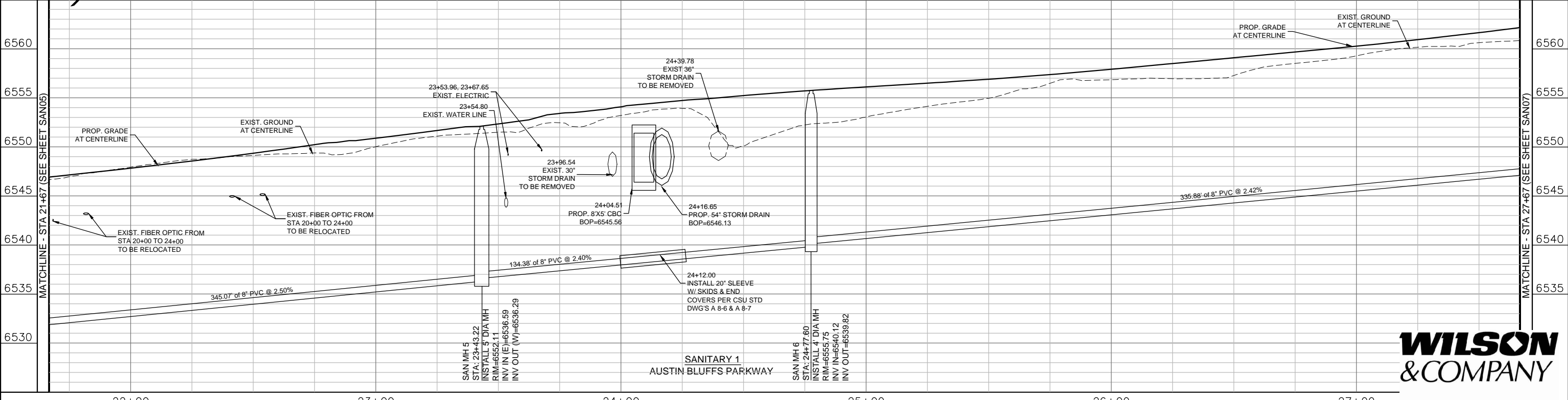
By: \_\_\_\_\_ Date \_\_\_\_\_

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 250 5037 2012-S062  
 W.O. # PROJECT #

PREPARED UNDER THE DIRECT SUPERVISION OF:

SIGNED: TROY D. SLOCUM COLORADO P.E. #35270 WILSON & COMPANY DATE \_\_\_\_\_

**NOTE:**  
 1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE SANITARY LINE ARE MEASURED FROM THE CENTER OF THE FITTING.



**LEGEND**

---	ROW/PROPERTY LINE	---	PROPOSED REDUCER
---	CURB LINE	---	PROPOSED VALVE
---	EXISTING GAS MAIN	---	EXISTING VALVE
---	EXISTING WATER	---	PROPOSED BLOWOFF
---	PROPOSED WATER	---	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	---	PROPOSED PLUG
---	PROPOSED STORM DRAIN	---	EXISTING PLUG
---	EXISTING SAN. SEWER	---	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	---	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)

FIMS MAP: M-26

SHEET NO: 6 of 9

NETWORK LOCATION & DRAWING TITLE:  
 M:\TRN\09-100-305-00\CADD\SHEETS\sanitary sewer set\SAN01-SAN04.dwg

REVISIONS:

**AUSTIN BLUFFS PARKWAY SEGMENT 3 SANITARY**

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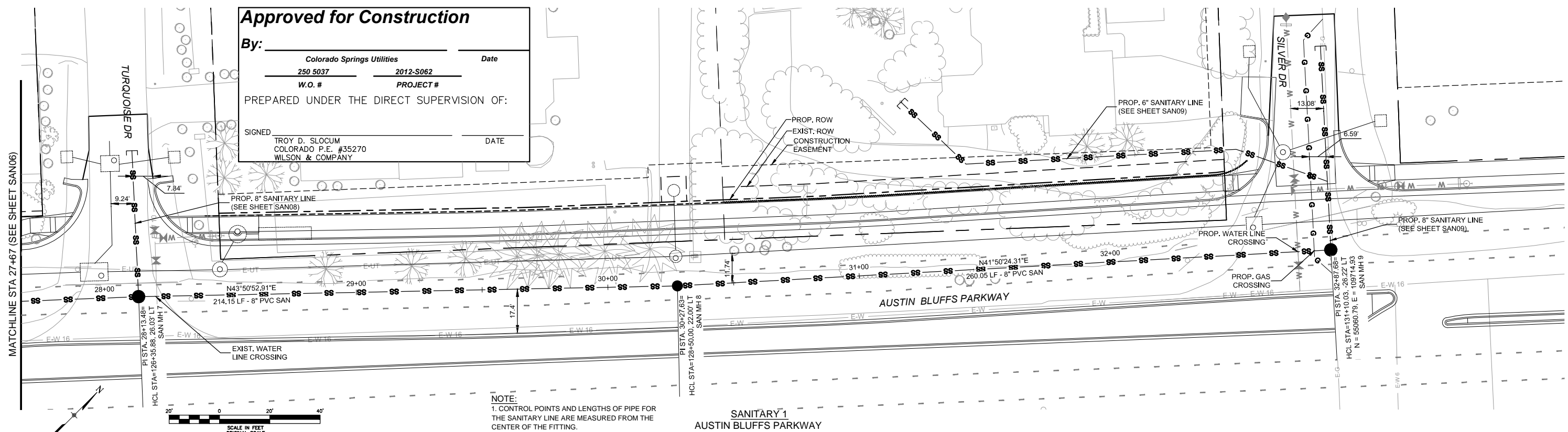
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APPROVED BY: TDS	DATE: JANUARY, 2013
SURVEYED BY:	DATE:
	SCALE:

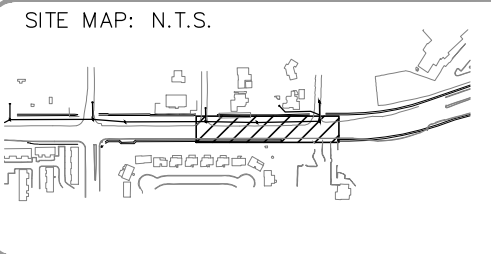
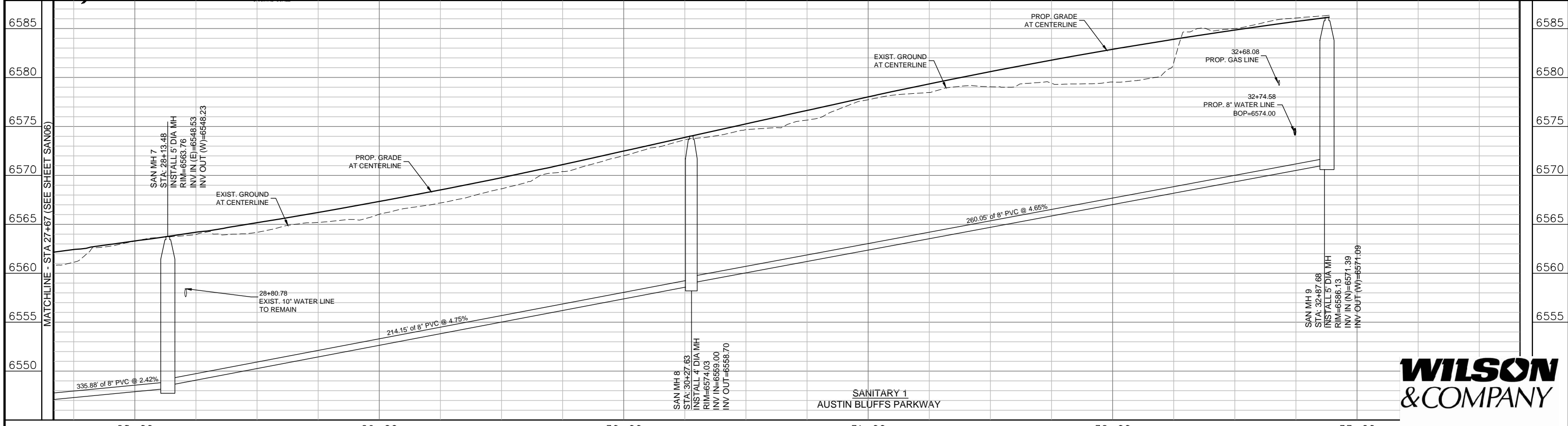
SAN06

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 By: \_\_\_\_\_ Date \_\_\_\_\_  
 Colorado Springs Utilities  
 250 5037 2012-S062  
 W.O. # PROJECT #  
 PREPARED UNDER THE DIRECT SUPERVISION OF:  
 SIGNED: TROY D. SLOCUM COLORADO P.E. #35270 DATE \_\_\_\_\_  
 WILSON & COMPANY



**NOTE:**  
 1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE SANITARY LINE ARE MEASURED FROM THE CENTER OF THE FITTING.

**SANITARY 1  
 AUSTIN BLUFFS PARKWAY**



**LEGEND**

---	ROW/PROPERTY LINE	—X—	PROPOSED REDUCER
---	CURB LINE	—V—	PROPOSED VALVE
---	EXISTING GAS MAIN	—V—	EXISTING VALVE
---	EXISTING WATER	—X—	PROPOSED BLOWOFF
---	PROPOSED WATER	—X—	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	—X—	PROPOSED PLUG
---	PROPOSED STORM DRAIN	—X—	EXISTING PLUG
---	EXISTING SAN. SEWER	—X—	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	—X—	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)  
 FIMS MAP: M-26  
 SHEET NO: 7 of 9  
 NETWORK LOCATION & DRAWING TITLE:  
 M:\TRN\09-100-305-00\CADD\SHEETS\sanitary sewer set\SAN01-SAN04.dwg  
 REVISIONS:

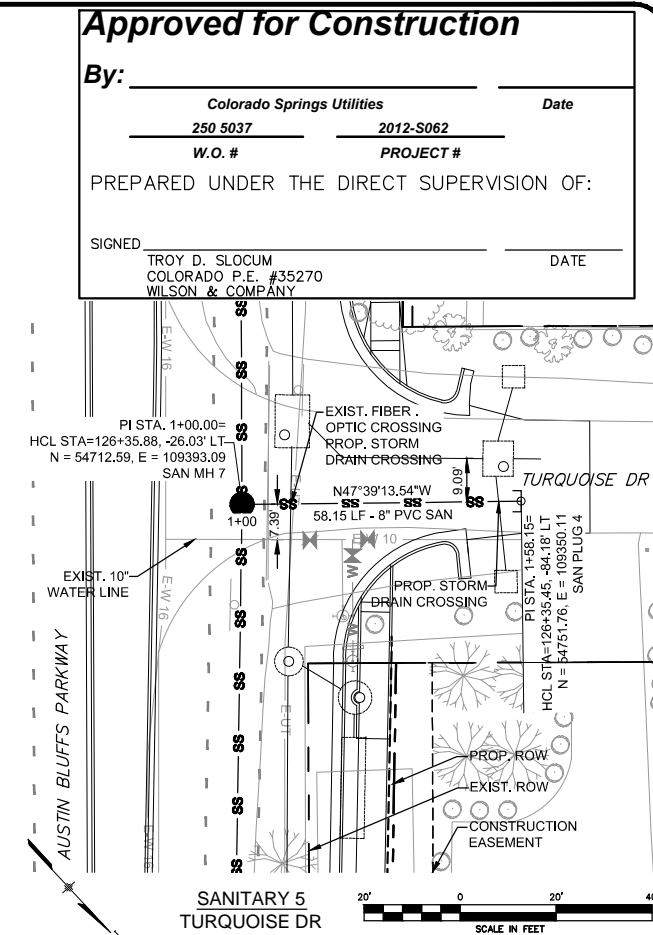
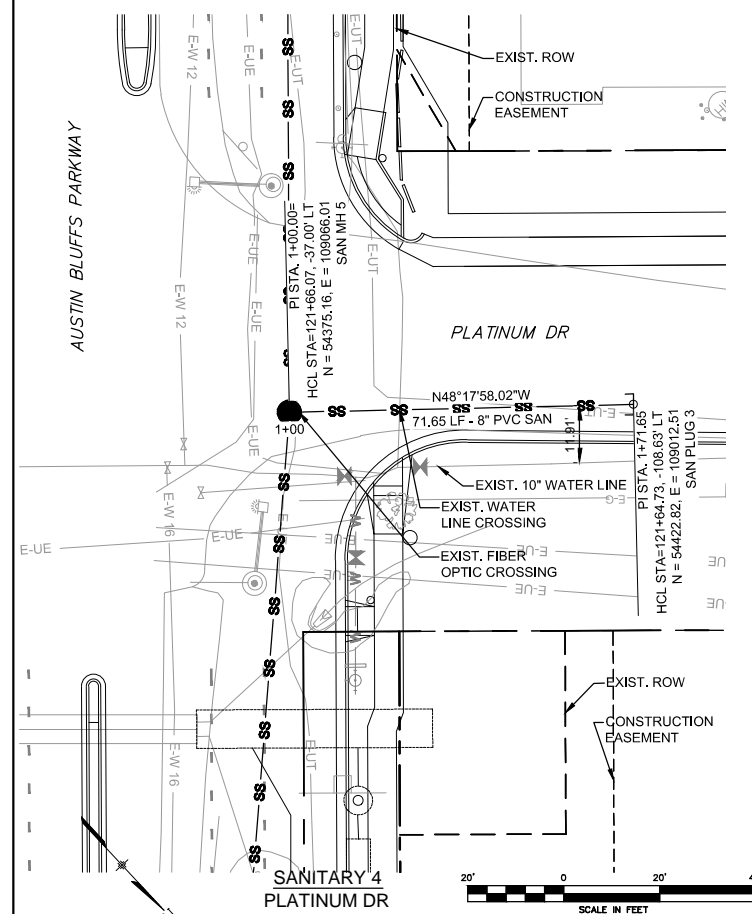
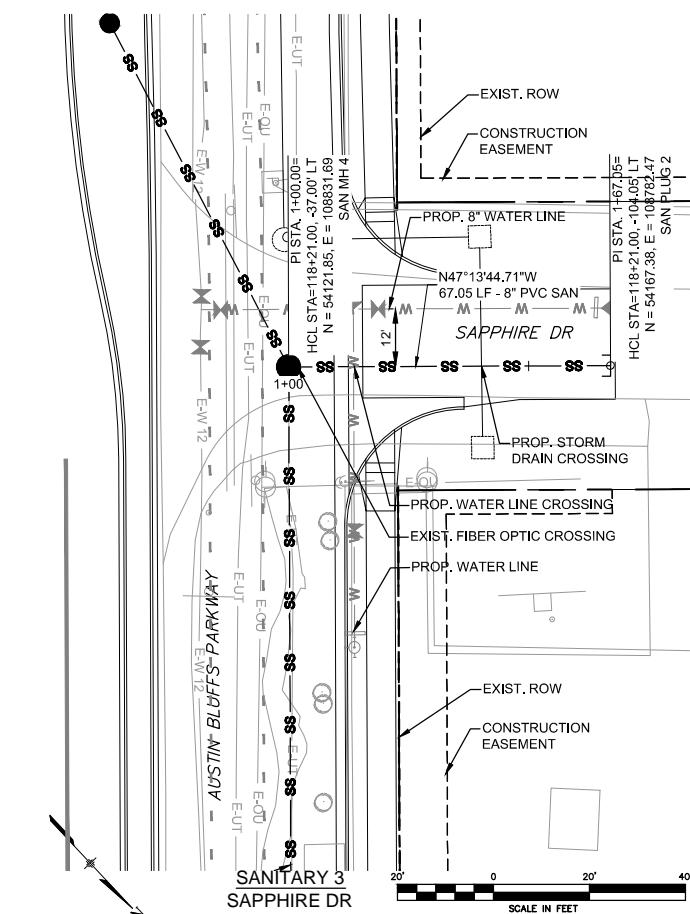
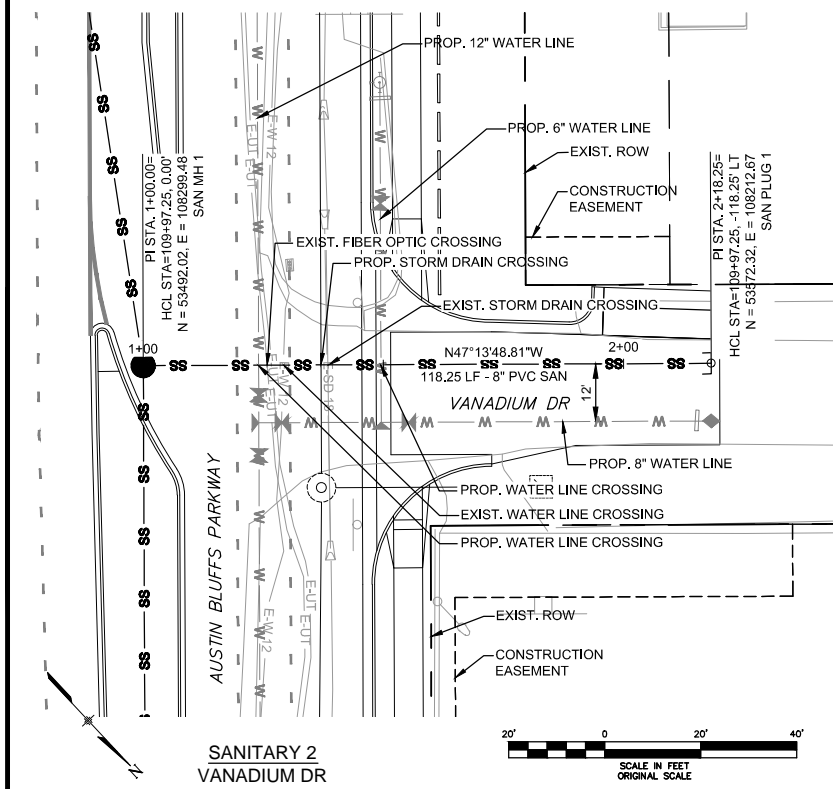
**AUSTIN BLUFFS PARKWAY  
 SEGMENT 3 SANITARY**

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 Fax 719-575-0208

DESIGN BY: NAB DATE: JANUARY, 2013  
 APPROVED BY: TDS DATE: JANUARY, 2013  
 SURVEYED BY: DATE:  
 SCALE:

SAN07

NOTE:  
1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE SANITARY LINE ARE MEASURED FROM THE CENTER OF THE FITTING.



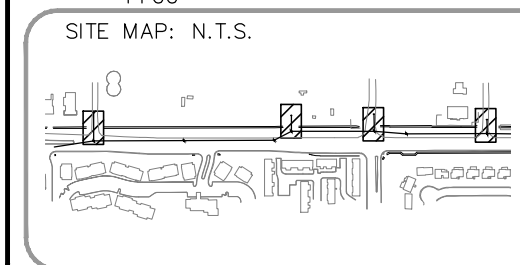
**Approved for Construction**  
By: \_\_\_\_\_ Date \_\_\_\_\_  
Colorado Springs Utilities  
250 5037 2012-S062  
W.O. # PROJECT #  
PREPARED UNDER THE DIRECT SUPERVISION OF:  
SIGNED: TROY D. SLOCUM COLORADO P.E. #35270 DATE \_\_\_\_\_  
WILSON & COMPANY

6525	SAN MH 1 STA: 1+00.00 INSTALL 5" DIA MH RIM=6520.44 INV IN (N)=6506.34 INV OUT (W)=6506.04	1+25.78, 1+26.74 EXIST. 2" FIBER OPTIC TO BE REMOVED	1+38.29 EXIST. 18" STORM DRAIN TO BE REMOVED	1+49.50 PROP. 6" WATER LINE BOP=6513.63	1+37.00 PROP. 24" STORM DRAIN BOP=6509.63	1+24.00 PROP. 12" WATER LINE BOP=6513.29	1+29.17 EXIST. 12" WATER LINE TO BE REMOVED	118.25' of 8" PVC @ 3.00%	1.51' CLR.	1+10.00 SAN PLUG 1 STA: 2+18.25 INSTALL 8" PLUG INV=6509.89	6525
------	---	---	---	---	---	--	--	---------------------------	------------	---	------

6545	SAN MH 4 STA: 1+00.00 INSTALL 5" DIA MH RIM=6542.33 INV IN (N)=6527.66 INV OUT (W)=6527.36	1+00.35 EXIST. 2" FIBER OPTIC TO BE REMOVED	1+40.18 PROP. 18" STORM DRAIN BOP=6538.72	1+13.50 PROP. 6" WATER LINE BOP=6535.89	67.05' of 8" PVC @ 3.00%	1+10.00 SAN PLUG 2 STA: 1+18.25 INSTALL 8" PLUG INV=6529.87	6545
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6555	SAN MH 5 STA: 1+00.00 INSTALL 5" DIA MH RIM=6552.11 INV IN (N)=6536.59 INV OUT (W)=6536.29	1+01.46 EXIST. 2" FIBER OPTIC TO BE REMOVED	1+22.35 EXIST. 6" WATER LINE BOP=6545.26	71.65' of 8" PVC @ 3.00%	1+10.00 SAN PLUG 3 STA: 1+18.25 INSTALL 8" PLUG INV=6538.74	6555
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6570	SAN MH 7 STA: 1+00.00 INSTALL 5" DIA MH RIM=6563.76 INV IN (N)=6548.53 INV OUT (W)=6548.23	1+05.46 EXIST. 18" STORM DRAIN TO BE REMOVED	1+10.50 EXIST. 2" FIBER OPTIC TO BE REMOVED	58.15' of 8" PVC @ 3.00%	1+10.20 INSTALL 20" SLEEVE W/ SKIDS & END COVERS PER CSU STD DWG'S A-8 & A-8-7	1+10.20 PROP. 30" STORM DRAIN BOP=6552.67	1+53.45 PROP. 24" STORM DRAIN BOP=6557.75	1+10.00 SAN PLUG 4 STA: 1+18.25 INSTALL 8" PLUG INV=6550.27	6570
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**LEGEND**

---	ROW/PROPERTY LINE	---	PROPOSED REDUCER
---	CURB LINE	---	PROPOSED VALVE
---	EXISTING GAS MAIN	---	EXISTING VALVE
---	EXISTING WATER	---	PROPOSED BLOWOFF
---	PROPOSED WATER	---	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	---	PROPOSED PLUG
---	PROPOSED STORM DRAIN	---	EXISTING PLUG
---	EXISTING SAN. SEWER	---	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	---	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)  
FIMS MAP: M-26  
SHEET NO: 8 of 9  
NETWORK LOCATION & DRAWING TITLE:  
M:\TRN\09-100-305-00\CADD\SHEETS\sanitary sewer set\SAN05-SAN06.dwg  
REVISIONS:

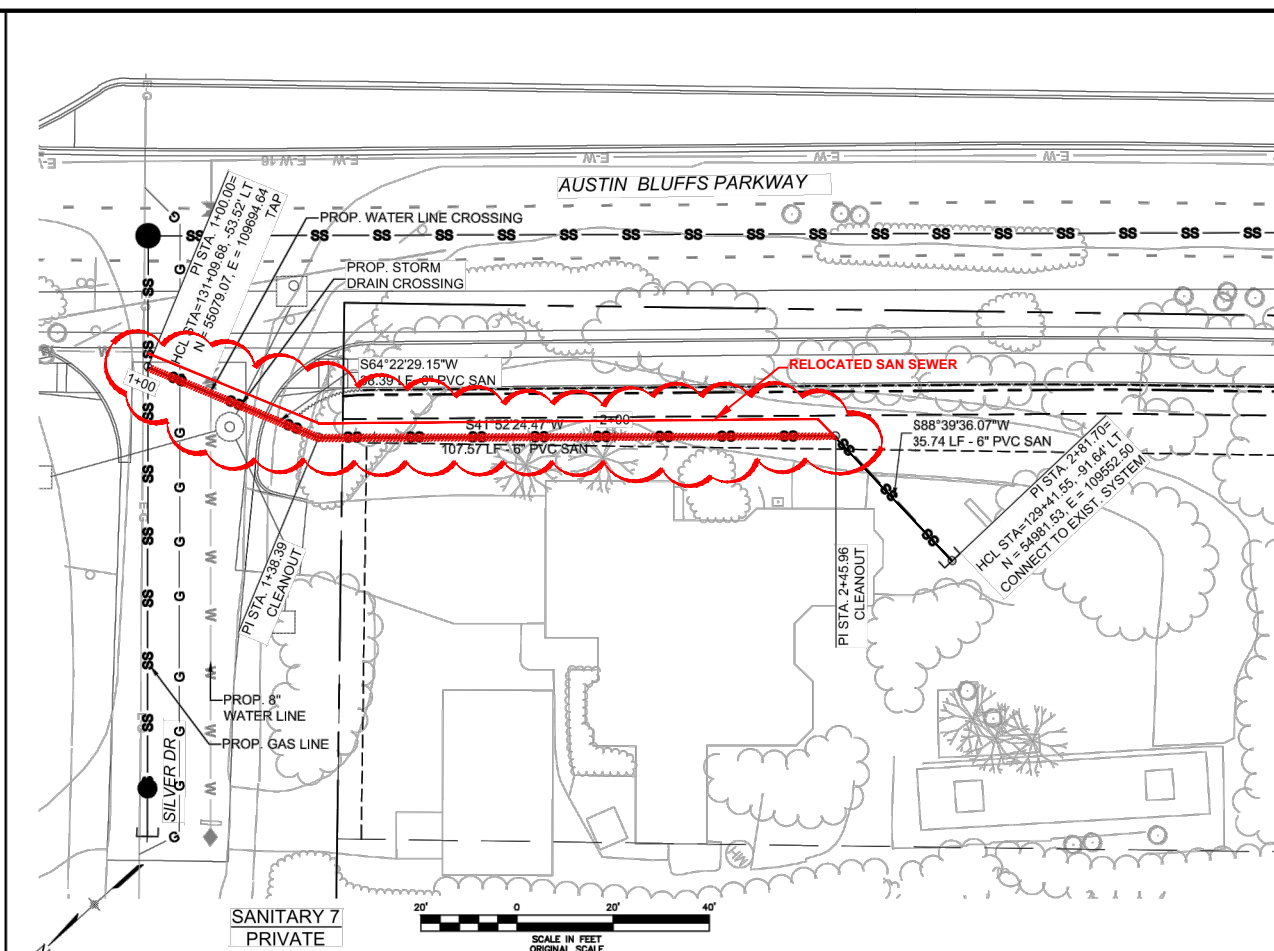
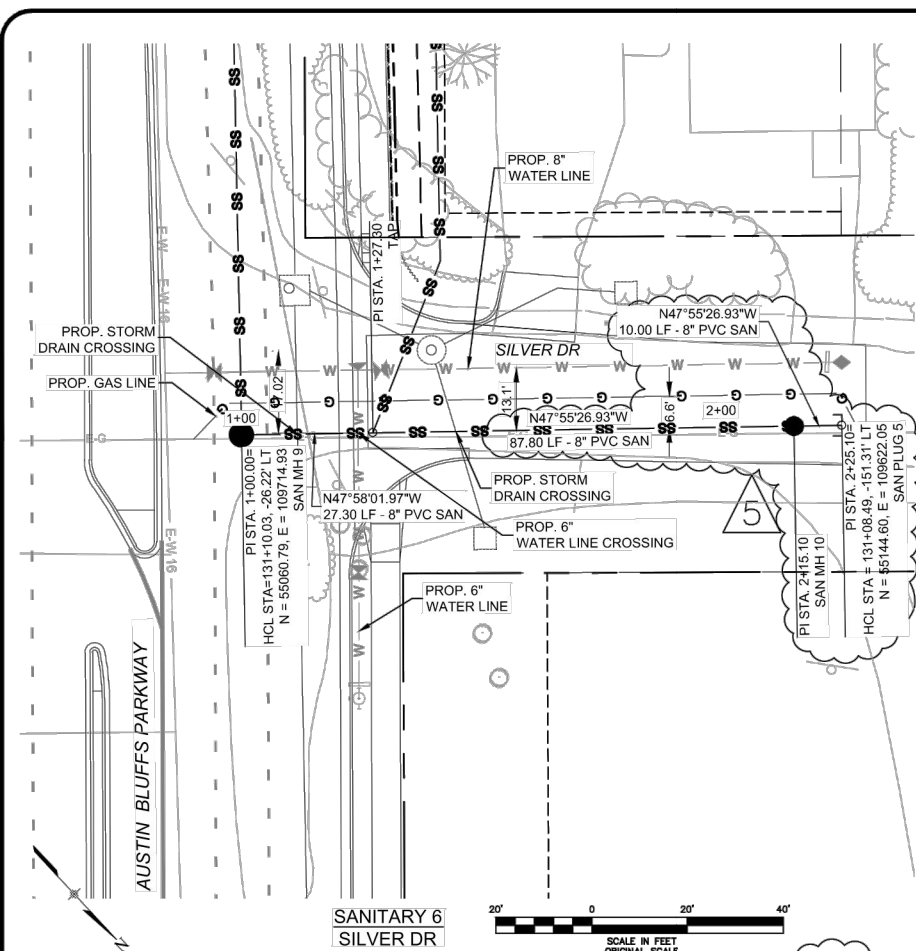
**AUSTIN BLUFFS PARKWAY SEGMENT 3 SANITARY**

2435 Research Parkway, Suite 300  
Colorado Springs, CO 80920  
Phone 719-575-0100  
Fax 719-575-0208

**Wilson & Company**  
It's how we're all connected

DESIGN BY: NAB	DATE: JANUARY, 2013
APPROVED BY: TDS	DATE: JANUARY, 2013
SURVEYED BY:	DATE:
	SCALE:

SAN08



**Approved for Construction**

By: \_\_\_\_\_ Date \_\_\_\_\_

Colorado Springs Utilities  
250 5037 2012-S062  
W.O. # PROJECT #

PREPARED UNDER THE DIRECT SUPERVISION OF:

SIGNED: TROY D. SLOCUM COLORADO P.E. #35270 WILSON & COMPANY DATE \_\_\_\_\_

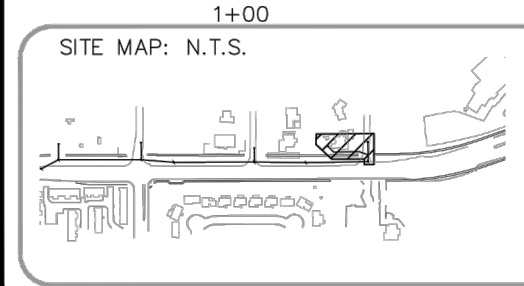
**CONFLICT**  
Proposed sanitary sewer line location was moved 12" east away from house foundation.

NOTES:

1. CONTRACTOR TO VERIFY HORIZONTAL & VERTICAL LOCATION OF CONNECTION POINT TO EXISTING RESIDENTIAL SANITARY SYSTEM PRIOR TO INSTALLATION OF SANITARY 7. SHOULD LOCATION DIFFER FROM AS SHOWN ON THESE PLANS CONTACT ENGINEER.

2. CONTROL POINTS AND LENGTHS OF PIPE FOR THE SANITARY LINE ARE MEASURED FROM THE CENTER OF THE FITTING.

6595	6595	6595	6595	6595
6590	6590	6590	6590	6590
6585	6585	6585	6585	6585
6580	6580	6580	6580	6580
6575	6575	6575	6575	6575
6570	6570	6570	6570	6570
6565	6565	6565	6565	6565



**LEGEND**

---	ROW/PROPERTY LINE	—▲—	PROPOSED REDUCER
---	CURB LINE	—▲—	PROPOSED VALVE
---	EXISTING GAS MAIN	—▲—	EXISTING VALVE
---	EXISTING WATER	—▲—	PROPOSED BLOWOFF
---	PROPOSED WATER	—▲—	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	—▲—	PROPOSED PLUG
---	PROPOSED STORM DRAIN	—▲—	EXISTING PLUG
---	EXISTING SAN. SEWER	—▲—	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	—▲—	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)

FIMS MAP: M-26

SHEET NO: 9 of 9

NETWORK LOCATION & DRAWING TITLE:  
M:\TRN\09-100-305-00\CADD\SHEETS\sanitary sewer set\SAN05-SAN06.dwg

REVISIONS:  
5 REVISION NO. 1 04-08-13

**AUSTIN BLUFFS PARKWAY SEGMENT 3 SANITARY**

2435 Research Parkway, Suite 300  
Colorado Springs, CO 80920  
Phone 719-575-0100  
Fax 719-575-0208

**Wilson & Company**

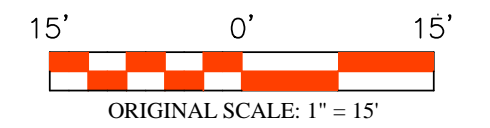
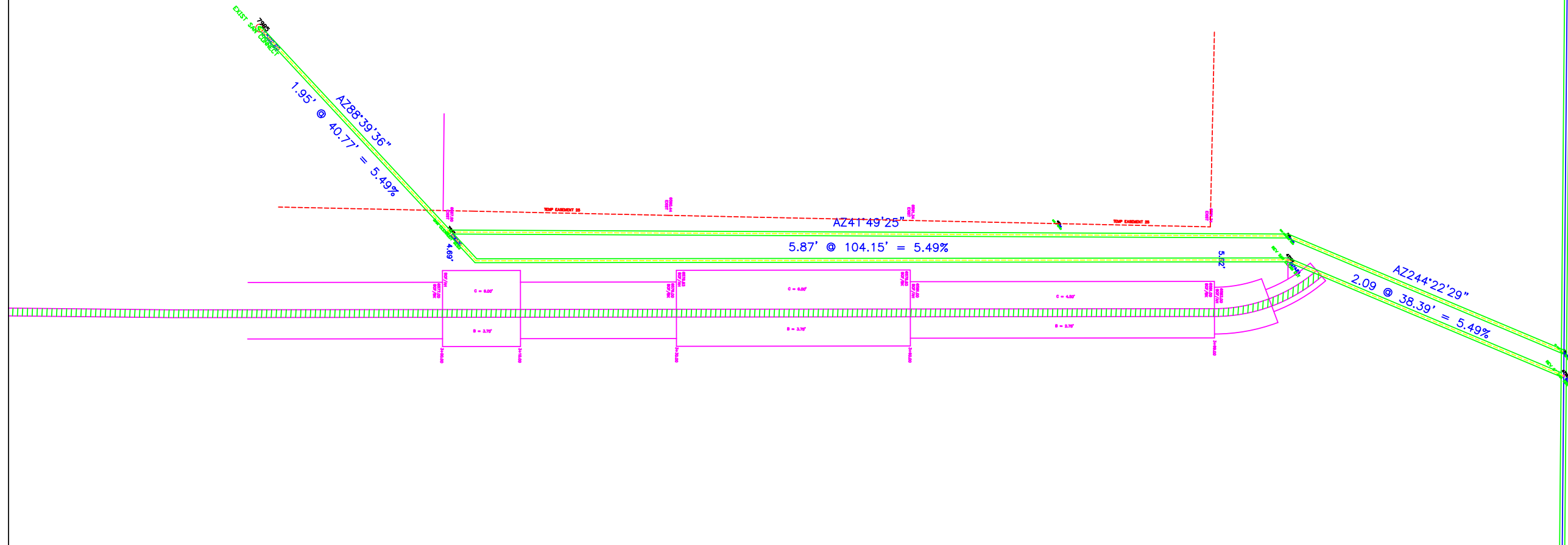
Colorado Springs Utilities  
*it's how we're all connected*

DESIGN BY: NAB	DATE: JANUARY, 2013
APPROVED BY: TDS	DATE: JANUARY, 2013
SURVEYED BY:	DATE:
	SCALE:

SAN09

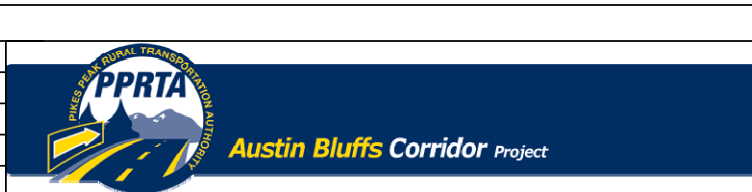
# AUSTIN BLUFFS PARKWAY

SEGMENT # 3  
RETAINING WALL 8  
SANITARY SEWER SERVICE LINE



Lawrence Construction Company  
9002 North Moore Road  
Littleton, Colorado 80125  
(303) 791-5642 Office  
(303) 791-5647 Fax  
[www.lawrence-construction.com](http://www.lawrence-construction.com)

Date:	Comments:



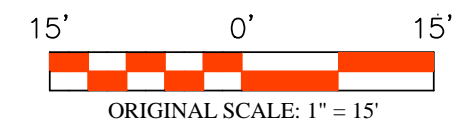
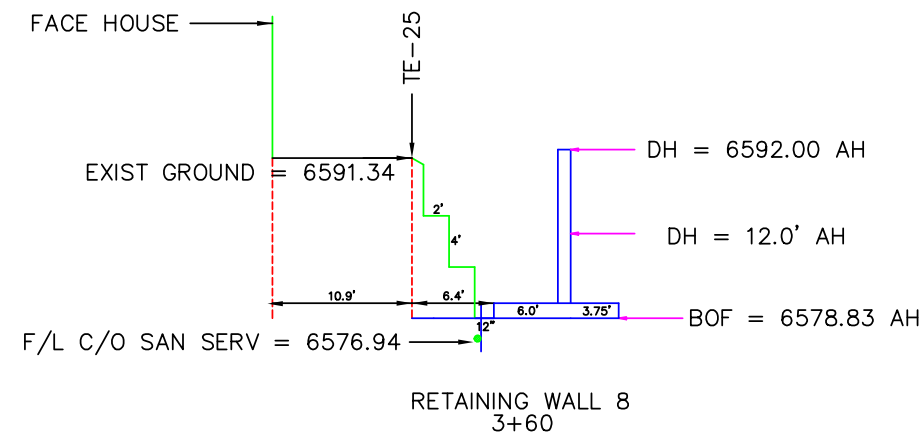
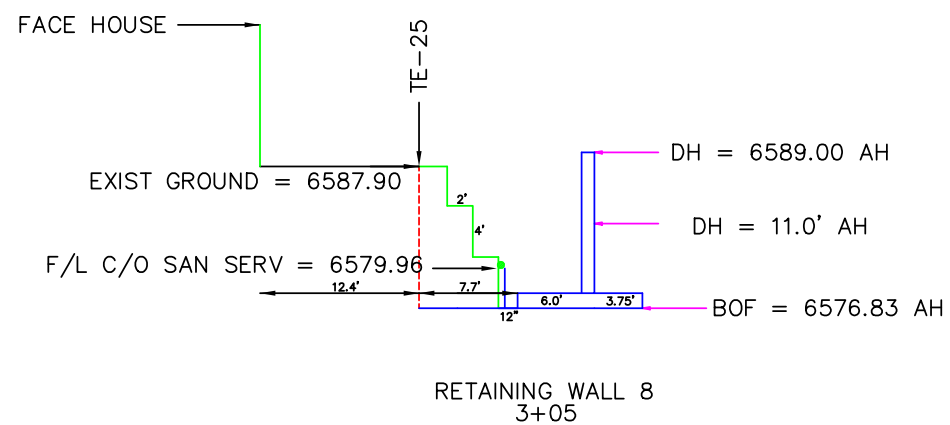
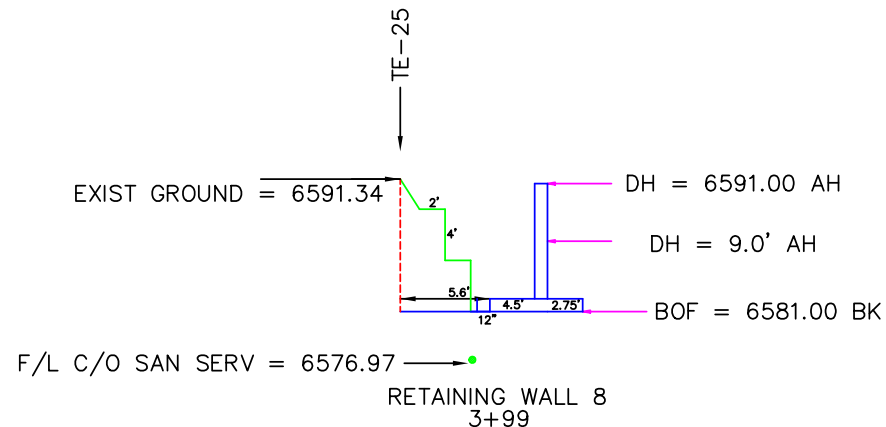
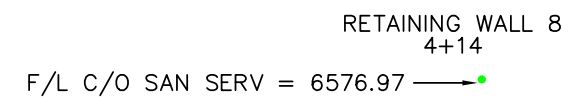
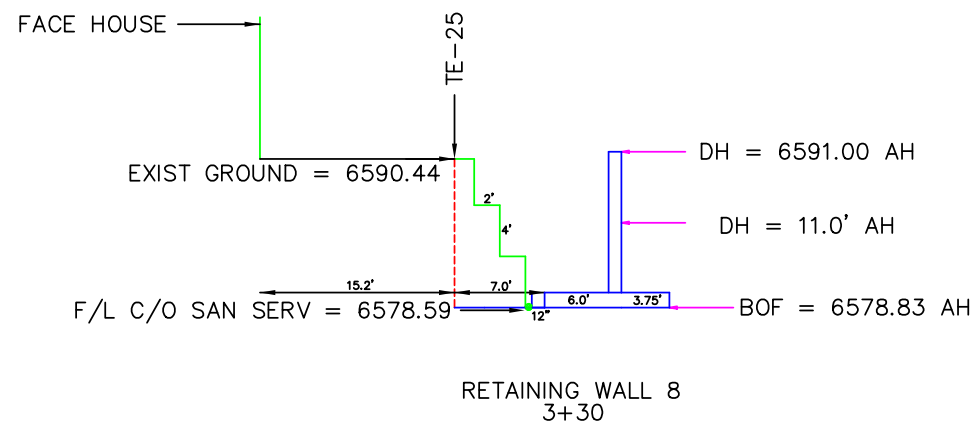
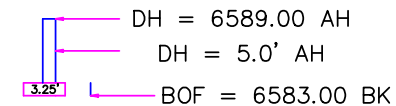
RETAINING WALL 8  
SAN SEWER SERVICE

Drawn By: DRH Date: 02/20/2014  
Checked By: BL Structure: WALL "8"  
Horiz. Scale: 1" = 15' Vert. Scale: 1" = 15'

Project No./Code  
351308  
Sheet Number 1 OF 2

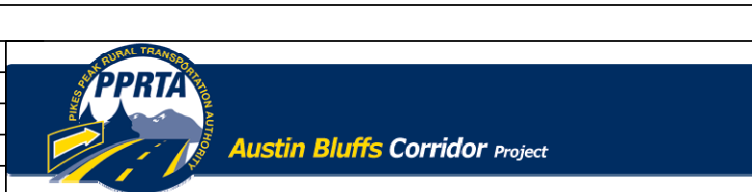
# AUSTIN BLUFFS PARKWAY

## SEGMENT # 3 RETAINING WALL 8 SANITARY SEWER SERVICE LINE



Lawrence Construction Company  
 9002 North Moore Road  
 Littleton, Colorado 80125  
 (303) 791-5642 Office  
 (303) 791-5647 Fax  
[www.lawrence-construction.com](http://www.lawrence-construction.com)

Date:	Comments:



RETAINING WALL 8 SAN SEWER SERVICE	
Drawn By: DRH	Date: 02/20/2014
Checked By: BL	Structure: WALL "8"
Horiz. Scale: 1" = 15'	Vert. Scale: 1" = 15'

Project No./Code
351308
Sheet Number 2 OF 2



**Colorado Springs Utilities**  
It's how we're all connected

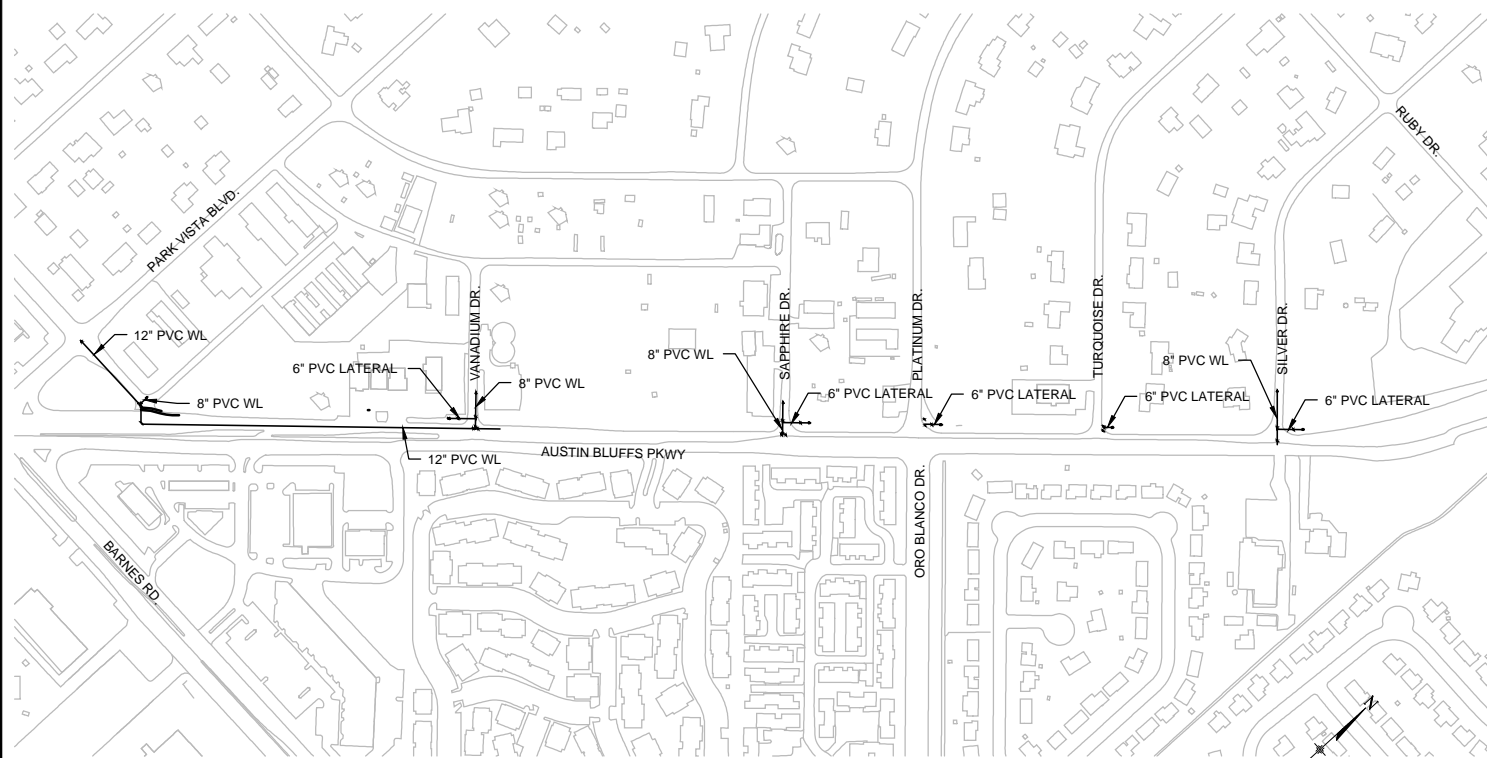
**PLANNING & ENGINEERING DEPARTMENT**  
**DESIGN SERVICES**

Approved for Construction

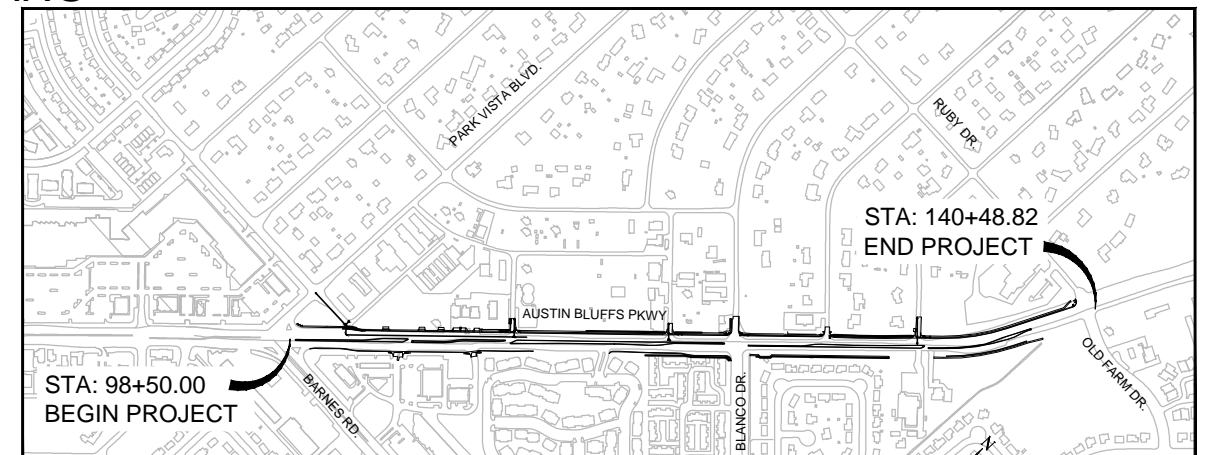
By: \_\_\_\_\_ Date \_\_\_\_\_  
Colorado Springs Utility  
Design Approval:

PROJECT #: 2012-W175  
W.O. #: 250 5036

**AUSTIN BLUFFS PARKWAY SEGMENT 3 CORRIDOR IMPROVEMENTS**  
**BARNES ROAD to OLD FARM DRIVE**  
**COLORADO SPRINGS, COLORADO**  
**FINAL CONSTRUCTION PLANS**  
**JANUARY 2013**



**SITE MAP**  
1"=500'



**VICINITY MAP**  
NTS

5  
PRESSURE ZONE - TEMPLETON  
PRESSURE - 140 -170 PSI

TROY D. SLOCUM, PE  
COLORADO P.E. NO. 35270

DATE \_\_\_\_\_

PREPARED UNDER MY DIRECT SUPERVISION, FOR AND ON BEHALF OF  
WILSON & COMPANY



(AS BUILT INFORMATION)		(PROJECT RELATED INFORMATION)	
DATE STARTED:		MASTER WORK ORDER NUMBER:	
DATE COMPLETED:		PROJECT NUMBER:	
FOREMAN:		FIMS MAP: M26	
INSPECTOR:		SHEET NO: 1 OF 9	WAT01
CONTRACTOR:		NETWORK LOCATION & DRAWING TITLE:	
		M:TRN09-100-305-00/CADD/SHEETS	
		REVISIONS:	
		5 REVISION NO. 1 04-08-13	



# GENERAL NOTES

## PLANNING AND DESIGN – STANDARD WATER PLAN NOTES

### PIPELINE INSPECTIONS NOTIFICATION:

THE CONTRACTOR IS REQUIRED TO NOTIFY THE COLORADO SPRINGS UTILITIES PIPELINE INSPECTIONS OFFICE, 2 WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION. (NORTH OFFICE (668-4396) OR SOUTH OFFICE (668-4658)). IF THIS PROJECT INVOLVES A TAP, DO NOT CALL TO SCHEDULE THE TAP UNTIL THE PIPELINE NOTIFICATION HAS BEEN GIVEN.

- ALL PERMITS REQUIRED SHALL BE OBTAINED BY THE PIPELINE INSTALLER WHO SHALL COMPLY WITH THE CONDITIONS THEREOF.
- ALL WATER AND WASTEWATER PIPELINE INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT "COLORADO SPRINGS UTILITIES, LINE EXTENSION AND SERVICE STANDARDS". THE CONTRACTOR SHALL HAVE A COPY OF THE ABOVE NAMED STANDARDS ON SITE AT ALL TIMES.
- ANY PROPOSED "FIELD ADDITIONS" OF BENDS OR FITTINGS TO AN APPROVED FIRE LINE DESIGN MUST HAVE THE SIGNED APPROVAL OF THE ENGINEER, COLORADO SPRINGS FIRE DEPARTMENT AND / OR SPRINKLER INSTALLATION COMPANY PRIOR TO INSTALLATION.
- ALL WORK IN THE CITY OF COLORADO SPRINGS PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH BOTH THE CITY OF COLORADO SPRINGS, ENGINEERING DIVISION STANDARDS AND THE COLORADO SPRINGS UTILITIES LINE EXTENSION AND SERVICE STANDARDS.
- CHANGES IN DESIGN DETERMINED NECESSARY TO CONFORM TO FIELD CONDITIONS, MAY REQUIRE ADDITIONAL MATERIALS NOT INDICATED ON THIS PLAN. ALL CHANGES SHALL BE APPROVED BY COLORADO SPRINGS UTILITIES PER THE LINE EXTENSION AND SERVICE STANDARDS.
- REUSE OF EXISTING FITTINGS SHALL BE LEFT AT THE DISCRETION OF THE COLORADO SPRINGS UTILITIES INSPECTOR. ANY MATERIAL SALVAGED BY THE CONTRACTOR (VALVES, PIPE, HYDS, ETC.) AND NOT REUSED SHALL BE RETURNED TO POSSESSION OF COLORADO SPRINGS UTILITIES AT THE CONTRACTOR'S COST. ALL SALVAGED MATERIAL SHALL BE DELIVERED TO SIMS METAL MANAGEMENT AT 2690 E. LAS VEGAS ST.
- THE FOLLOWING TIE-IN POINTS WERE NOT FIELD VERIFIED FOR LOCATION AND SHALL BE EXPOSED PRIOR TO CONSTRUCTION.  
STA:
- ALL PIPELINE ELEVATIONS SHOWN ARE TO THE BOTTOM OF THE PIPE, UNLESS OTHERWISE NOTED.  
  
THE FOLLOWING NOTES ARE CONSISTENT WITH FIMS DATA:  
  
NOTE: HORIZONTAL CONTROL VALUES ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 AND ARE REPRESENTED AS STATE PLANE COORDINATES, COLORADO CENTRAL ZONE.  
  
NOTE: VERTICAL CONTROL VALUES ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM, 1929 AND THE 1960 SUPPLEMENTARY ADJUSTMENT.  
  
BENCH MARK: SEE CONTROL POINTS ON SHEET 3 AND 4 OF 5
- CORROSION CONTROL PER COLORADO SPRINGS UTILITIES LINE EXTENSION AND SERVICE STANDARDS
  - ANODE
  - POLYETHYLENE WRAP REQUIRED ON ALL METALLIC FITTINGS
  - DOUBLE BONDING REQUIRED
  - TEST STATIONS REQUIRED AT ALL PROPOSED FIRE HYDRANTS AND AS INDICATED ON APPROVED PLANS.
  - INSULATING COUPLINGS STATIONS:
- SPECIAL TIE-BACK CONSTRUCTION AND/OR MATERIAL IS REQUIRED AND SHALL BE SPACED SYMMETRICALLY AROUND FITTINGS AT STATIONS:
- COLORADO SPRINGS UTILITIES CANNOT GUARANTEE THE LOCATIONS OR ACCURACY OF UNDERGROUND FACILITIES OR BE RESPONSIBLE FOR ANY DAMAGE THAT MAY OCCUR DURING CONSTRUCTION PER THE COLORADO SPRINGS UTILITIES LINE EXTENSION AND SERVICE STANDARDS. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATIONS OF EXISTING UTILITIES WITHIN THE PROJECT CONSTRUCTION ZONE. THESE LOCATIONS SHALL BE IDENTIFIED AND MARKED BY CALLING THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT 811.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RE-EXCAVATE THE TRENCH WHERE DISINFECTION AND PRESSURE TESTING WILL BE PERFORMED AND PREPARE AND PROTECT THESE EXCAVATIONS FOR DISINFECTION BY COLORADO SPRINGS UTILITIES. SINCE DISINFECTION WILL TAKE PLACE FIRST, THE CONTRACTOR SHALL ASSIST IN TRENCH MAINTENANCE AND STAND BY DURING DISINFECTION. THERE SHALL BE NO CLAIMS FOR ANY DELAYS OR EXTRA COSTS SHOULD UNFORESEEN ISSUES ARISE. ADDITIONAL COSTS MAY BE INCURRED FOR THE REMOVAL OF WATER OR DEBRIS. THERE CAN BE NO GUARANTEE OF WHEN OR HOW LONG DISINFECTION WILL OCCUR. AFTER SUCCESSFUL PRESSURE TESTING THE SITE/S WILL BE RESTORED AS SPECIFIED.
- CONTRACTOR SHALL NOTIFY THE COLORADO DEPARTMENT OF TRANSPORTATION UTILITY ENGINEER ONE WEEK PRIOR TO BEGINNING WORK ON ANY STATE HIGHWAY RIGHT-OF-WAY. A STATE HIGHWAY PERMIT IS ALSO REQUIRED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY PROTECTION, REMOVAL AND REINSTALLATION AT THE SAME LOCATIONS OF ALL FACILITIES AFFECTED BY WORK.
- AFTER INSTALLATION OF PIPELINE AND BACKFILLING OF TRENCH TO FINAL GRADE, ANY EXCESS MATERIAL SHALL BE SPREAD AND COMPACTED OR HAULED AWAY AND DISPOSED OF AT THE DEVELOPER/OWNER'S EXPENSE.
- ALL RETIRED APPURTENANCES (VALVE BOXES, HYDRANTS, ETC.) WILL BE REMOVED UPON COMPLETION OF THE PROJECT. NO RETIRED FACILITIES (VALVE BOXES, HYDRANTS, ETC.) SHALL BE LEFT ABOVE GROUND.

TROY D. SLOCUM, PE DATE  
COLORADO P.E. NO. 35270

PREPARED UNDER MY DIRECT SUPERVISION, FOR AND ON BEHALF OF  
WILSON & COMPANY

# SERVICES

## CITY OF COLORADO SPRINGS CITY ENGINEERING NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH CITY OF COLORADO SPRINGS ENGINEERING DIVISION STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FOR ALL THE EXCAVATION WORK IN THE PUBLIC RIGHTS-OF-WAY.
- CONCRETE PERMITS SHALL ALSO BE OBTAINED FOR ALL CONCRETE WORK (CURB & GUTTER, SIDEWALKS, CROSSPANS ETC.).
- FULL CROSSSPAN SECTIONS SHALL BE SAW CUT AND REMOVED FROM JOINT TO JOINT. DRILLED, AND DOWELS INSTALLED AND NEW CONCRETE PLACED PER ENGINEERING DIVISION STANDARD SPECIFICATIONS.
- CITY ENGINEERING INSPECTIONS 385-5977 SHALL BE CALLED TO INSPECT ALL CONCRETE WORK AND THE EXISTING STORM SEWERS.
- FLOW FILL SHALL BE USED FOR THE BACKFILL UNDER THE STORM SEWER CROSSINGS UP TO THE SPRING-LINE OF THE STORM SEWER PIPES. ANY DAMAGE TO THE EXISTING STORM SEWER SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- TRENCH BACKFILL AND COMPACTION TESTS SHALL BE TAKEN IN CONSECUTIVE 6" LIFTS OF SUITABLE TRENCH BACKFILL MATERIAL TO ENSURE COMPLIANCE WITH REQUIRED STANDARD SPECIFICATION.
- AFTER TRENCHING IS COMPLETED, THE ASPHALT PATCHING SHALL BE PER STREET DIVISION REQUIREMENTS.
- ALL TRAFFIC STRIPING SHALL BE REPLACED AFTER COMPLETION OF PATCHING.

### WATER SERVICE INSTALLATIONS

- ALL WORK ON FABRICATION AND INSTALLATION OF METER BOXES SHALL CONFORM TO THE FOLLOWING CODES, LATEST EDITION:  
PIKES PEAK REGIONAL BUILDING CODE  
CURRENT ADOPTED VERSION OF THE INTERNATIONAL PLUMBING CODE  
BUILDING CODE FOR REINFORCED CONCRETE (ACI)  
AMERICAN WELDING SOCIETY SPECIFICATIONS  
UNIFORM MECHANICAL CODE
- ALL MATERIAL, COMPONENTS CONSIDERED DEFECTIVE BY COLORADO SPRINGS UTILITIES SHALL BE REJECTED AND IMMEDIATELY REMOVED FROM THE SITE AT NO EXPENSE TO COLORADO SPRINGS UTILITIES.
- THE CONTRACTOR SHALL VERIFY AND COORDINATE THE DIMENSIONS OF ALL OPENINGS, METERS, INSERTS, ETC., WITH COLORADO SPRINGS UTILITIES AND THE MANUFACTURER.
- CONCRETE WORK SHALL CONFORM TO THE CONCRETE SPECIFICATIONS DESCRIBED WITHIN THIS DOCUMENT AND ALSO CONFORM TO THE WATER LINE EXTENSION AND SERVICE STANDARDS.
- GROUTING OF CONCRETE WALLS AROUND PIPES AND FOOTINGS AS SHOWN ON DRAWINGS SHALL BE DONE WITH NON-SHRINK GROUT.
- IN THE EVENT THAT GROUND WATER OR OTHER UNSTABLE AND UNUSUAL CONDITIONS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY COLORADO SPRINGS UTILITIES IMMEDIATELY FOR INSPECTION AND RECOMMENDATIONS FOR DRAINS, GRAVEL FILL, ADDITIONAL REINFORCING, ETC. APPROVED RUBBER WATER STOPS SHALL BE USED IN ALL CONCRETE JOINTS FOR CONDITIONS WHERE SUBSURFACE WATER IS ENCOUNTERED.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN METER SIZE AND DIMENSIONS FROM APPLICATIONS AND PERMITS. ALL SIZES AND DIMENSIONS SHALL CONFORM TO COLORADO SPRINGS UTILITIES STANDARDS AND SPECIFICATIONS. REGULATORS MAY BE LOCATED IN A METER PIT OR IN THE BUILDING. REGARDLESS OF LOCATION, THE REGULATOR MUST BE ON THE INLET SIDE OF THE METER.
- ONLY ONE (1) WATER METER SHALL BE INSTALLED IN A PIT, REGARDLESS OF SIZE. (IF A SECOND METER IS TO BE INSTALLED, THIS IS WITH APPROVAL OF COLORADO SPRINGS UTILITIES FIELD SERVICES).
- THE "CURB STOP" OR "SECONDARY VALVE" SHALL BE DEFINED AS THE CONTROL AT PROPERTY LINE OR THE FIRST VALVE AFTER CONNECTION OF THE CORPORATION STOP OR TAP VALVE TO A WATER DISTRIBUTION MAIN, NOT TO INCLUDE ANY STOPS OR VALVES ON PRIVATE MAINS OR SERVICES WHICH WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
- ALL IRRIGATION, FIRE AND COMMERCIAL POTABLE WATER SERVICE CONNECTIONS SHALL INCLUDE BACK-FLOW PREVENTION ASSEMBLIES, WHICH MEET THE STANDARDS SPECIFIED BY THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE). NO WATER SERVICE LINE WILL BE APPROVED BY COLORADO SPRINGS UTILITIES FOR METER INSTALLATION UNTIL THE REQUIRED BACK-FLOW PREVENTION MEASURES HAVE BEEN MET. A REDUCED PRESSURE BACK-FLOW DEVICE SHALL BE REQUIRED WHERE A HIGH HAZARD CONDITION EXISTS SUCH AS, BUT NOT LIMITED TO, CHEMICAL'S RUST INHIBITORS OR BODILY FLUIDS THAT COULD POTENTIALLY BE BACK SIPHONED INTO THE DOMESTIC WATER SUPPLY.
- ON 1-1/2" THROUGH 12" METER INSTALLATIONS A 1/2" OR 3/8" TEE MAY BE INSTALLED TO ALLOW FOR A GAUGE BEFORE THE PRESSURE REDUCING VALVE FOR PURPOSES OF MONITORING INCOMING (MAIN LINE) PRESSURE WITH APPROVAL OF COLORADO SPRINGS UTILITIES.

### WATER PLAN APPROVAL:

COLORADO SPRINGS UTILITIES, DATE \_\_\_\_\_  
W.O. # 250-5036 PROJECT # 2012-W175

"ACCORDING TO CALCULATIONS REVIEWED BY THE WATER RESOURCES DEPARTMENT, THE THEORETICAL AVAILABLE FIRE FLOW AT NODE "C" IS 3,100 GALLONS PER MINUTE UNDER MAXIMUM DAY DEMAND CONDITIONS WITH A 20 PSI (1.38 KPA) RESIDUAL. ACTUAL FIRE FLOW MAY VARY DUE TO VARIOUS PARAMETERS."

ALL FIRE HYDRANTS SHALL BE INSTALLED ACCORDING TO THE COLORADO SPRINGS UTILITIES SPECIFICATIONS.

THE NUMBER OF FIRE HYDRANTS AND HYDRANT LOCATIONS AS SHOWN ON THIS WATER INSTALLATION PLAN ARE CORRECT AND ADEQUATE TO SATISFY THE FIRE PROTECTION REQUIREMENTS AS SPECIFIED BY THE CITY OF COLORADO SPRINGS FIRE DEPARTMENT.

SIGNED \_\_\_\_\_ DATE \_\_\_\_\_  
C.S.F.D. FIRE PREVENTION DIVISION PLAN I.D. # \_\_\_\_\_

# MATERIALS

## SYSTEM

TOTAL	UOM	USED	MATERIAL DESCRIPTION
1212	LF	( )	PIPE, PVC C900 DR14, 12"
346	LF	( )	PIPE, PVC C900 DR14, 8"
277	LF	( )	PIPE, PVC C900 DR14, 6"
2	EA	( )	16" BUTTERFLY VALVE
7	EA	( )	12" GATE VALVE
2	EA	( )	10" GATE VALVE
9	EA	( )	8" GATE VALVE
5	EA	( )	6" GATE VALVE
1	EA	( )	16" X 8" TEE
3	EA	( )	12" X 8" TEE
1	EA	( )	10" X 6" TEE
4	EA	( )	8" X 6" TEE
1	EA	( )	LED REDUCER, 12" X 8"
6	EA	( )	MJ RSNTS, 16"
27	EA	( )	MJ RSNTS, 12"
6	EA	( )	MJ RSNTS, 10"
31	EA	( )	MJ RSNTS, 8"
15	EA	( )	MJ RSNTS, 6"
3	EA	( )	BEND, 12" X 45°, MJ
5	EA	( )	FIRE HYDRANT ASSEMBLY
1	EA	( )	20" SLEEVE WITH SKIDS & END COVERS
1	EA	( )	CONCRETE CAP
4	EA	( )	2" BLOW-OFF VALVE
1	EA	( )	INSULATED CPLG

### NOTES:

- THIS MATERIAL LIST MAY VARY DEPENDING ON INSTALLATION AND DOES NOT INCLUDE MISCELLANEOUS MATERIAL.
- THIS LIST IS NOT TO BE USED FOR BIDDING PURPOSES, REFER TO PROJECT MANUAL FOR BID ITEM LIST.

**WILSON & COMPANY**

## LEGEND

---	ROW/PROPERTY LINE	←	PROPOSED REDUCER
---	CURB LINE	←	PROPOSED VALVE
---	EXISTING GAS MAIN	←	EXISTING VALVE
---	EXISTING WATER	←	PROPOSED BLOWOFF
---	PROPOSED WATER	←	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	←	PROPOSED PLUG
---	PROPOSED STORM DRAIN	←	EXISTING PLUG
---	EXISTING SAN. SEWER	←	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	←	PROPOSED FIRE HYDRANT

### (PROJECT RELATED INFORMATION)

FIMS MAP: M-26  
SHEET NO: 2 of 9  
NETWORK LOCATION & DRAWING TITLE:  
M:\TRN\09-100-305-00\CADD\SHEETS\waterline set\GN01.dwg  
REVISIONS:  
5 REVISION NO. 1 04-08-13

## AUSTIN BLUFFS PARKWAY SEGMENT 3 WATERLINE

**Matrix DESIGN GROUP**

2435 Research Parkway, Suite 300  
Colorado Springs, CO 80920  
Phone 719-575-0100  
Fax 719-575-0208

**Colorado Springs Utilities**  
It's how we're all connected

DESIGN BY: NAB	DATE: JANUARY, 2013
APPROVED BY: TDS	DATE: JANUARY, 2013
SURVEYED BY:	DATE:
	SCALE: N/A

WAT02

TABULATION OF WATER LINE

WATER LINE STATION		PVC WATER PIPE (12")	PVC WATER PIPE (8")	PVC WATER PIPE (6")	BUTTERFLY VALVE 16"	GATE VALVE 12"	GATE VALVE 10"	GATE VALVE 8"	GATE VALVE 6"	FITTINGS 16"x6" TEE	FITTINGS 12"x6" TEE	FITTINGS 10"x6" TEE	FITTINGS 8"x6" TEE	FITTINGS 12"x8" REDUCER	FITTINGS 12"x45" BEND	MJ RESTRAINT (16")	MJ RESTRAINT (12")	MJ RESTRAINT (10")	MJ RESTRAINT (8")	MJ RESTRAINT (6")	2" BLOW-OFF VALVE	CONCRETE CAP	INSULATED CPLG	20" SLEEVE INCL. SKIDS & END COVERS	FIRE HYDRANT ASSEMBLY (D=6.5")	FIRE HYDRANT ASSEMBLY (D=7.0")		
BEGIN	END	(LF)	(LF)	(LF)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	(EA)	
<b>WATER 1</b>																												
0+61	2+88	227			2									1			5		1									
2+88	2+94	6			1					1							4		1									
2+94	3+36	42													1		2											
3+36	3+43	7													1		2											
3+43	7+32	389													1		2				1							
7+32	12+09	477			1												2											
12+09	12+73	64			1						1						4		1					1				
<b>WATER 2</b>																												
1+00	1+25		25					1												2		1						
<b>WATER 3</b>																												
1+00	1+26		26					1												2								
1+26	1+94		69					1					1							4	1	1						
<b>WATER 4</b>																												
1+00	1+71			71					1																	1		
<b>WATER 5</b>																												
1+00	1+32		32		2		1			1							6		3									
1+32	1+85		54				1						1						4	1	1							
<b>WATER 6</b>																												
1+00	1+71			71					1																	1		
<b>WATER 7</b>																												
1+00	1+42			42				2	1				1							6	3							1
<b>WATER 8</b>																												
1+00	1+25		25			2		1				1							6		3							1
<b>WATER 9</b>																												
1+00	1+40		40		2		1		1								6		3									
1+40	2+41		<b>101</b>				1						1							4	1	1			1			
<b>WATER 10</b>																												
1+00	1+68			68					1																	1		
SEGMENT 3 TOTALS		1,212	346	277	2	7	2	9	5	1	3	1	4	1	3	6	27	6	31	15	4	1	1	1	3	2		

\* NOTE: CRA TO BE PAID FOR UNDER THIS ITEM

NOTE: MJ RESTRAINTS ARE TABULATED FOR QUANTITY PURPOSES ONLY, THEY WILL NOT BE PAID FOR AS SEPERATE ITEMS.

"ACCORDING TO CALCULATIONS REVIEWED BY THE WATER RESOURCES DEPARTMENT, THE THEORETICAL AVAILABLE FIRE FLOW AT NODE "C" IS 3,100 GALLONS PER MINUTE UNDER MAXIMUM DAY DEMAND CONDITIONS WITH A 20 PSI (138 KPA) RESIDUAL. ACTUAL FIRE FLOW MAY VARY DUE TO VARIOUS PARAMETERS."

ALL FIRE HYDRANTS SHALL BE INSTALLED ACCORDING TO THE COLORADO SPRINGS UTILITIES SPECIFICATIONS.

THE NUMBER OF FIRE HYDRANTS AND HYDRANT LOCATIONS AS SHOWN ON THIS WATER INSTALLATION PLAN ARE CORRECT AND ADEQUATE TO SATISFY THE FIRE PROTECTION REQUIREMENTS AS SPECIFIED BY THE CITY OF COLORADO SPRINGS FIRE DEPARTMENT.

TROY D. SLOCUM, PE DATE  
 COLORADO P.E. NO. 35270  
 PREPARED UNDER MY DIRECT SUPERVISION, FOR AND ON BEHALF OF WILSON & COMPANY

WATER PLAN APPROVAL:

COLORADO SPRINGS UTILITIES, DATE  
 W.O. # 250\_5036 PROJECT # 2012-W175

SIGNED \_\_\_\_\_ DATE \_\_\_\_\_  
 C.S.F.D. FIRE PREVENTION DIVISION PLAN I.D. # \_\_\_\_\_



SITE MAP: N.T.S.

LEGEND	
	ROW/PROPERTY LINE
	CURB LINE
	EXISTING GAS MAIN
	EXISTING WATER
	PROPOSED WATER
	EXISTING STORM DRAIN
	PROPOSED STORM DRAIN
	EXISTING SAN. SEWER
	PROPOSED SAN. SEWER
	PROPOSED REDUCER
	PROPOSED VALVE
	EXISTING VALVE
	PROPOSED BLOWOFF
	EXISTING BLOWOFF
	PROPOSED PLUG
	EXISTING PLUG
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)  
 FIMS MAP: M-26  
 SHEET NO: 3 of 9  
 NETWORK LOCATION & DRAWING TITLE:  
 M:\TRN\09-100-305-00\CADD\SHEETS\waterline set\TAB01.DWG  
 REVISIONS:  
 5 REVISION NO. 1 04-08-13

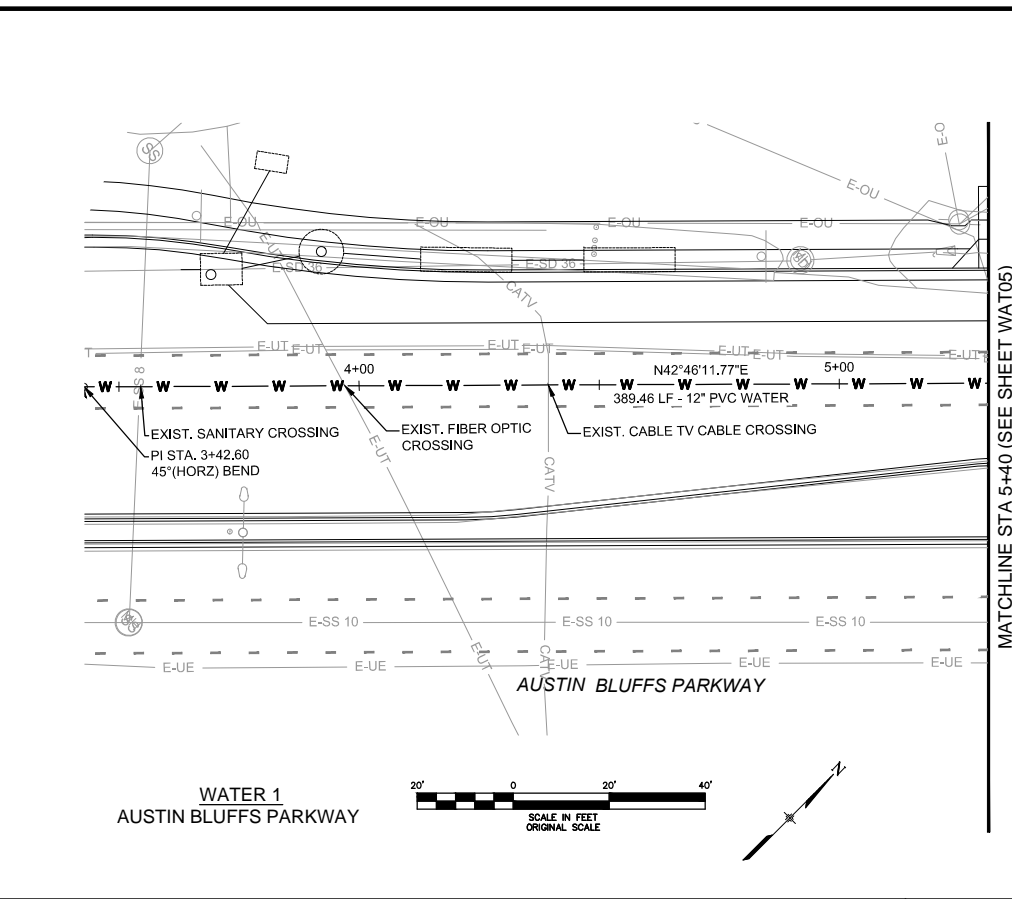
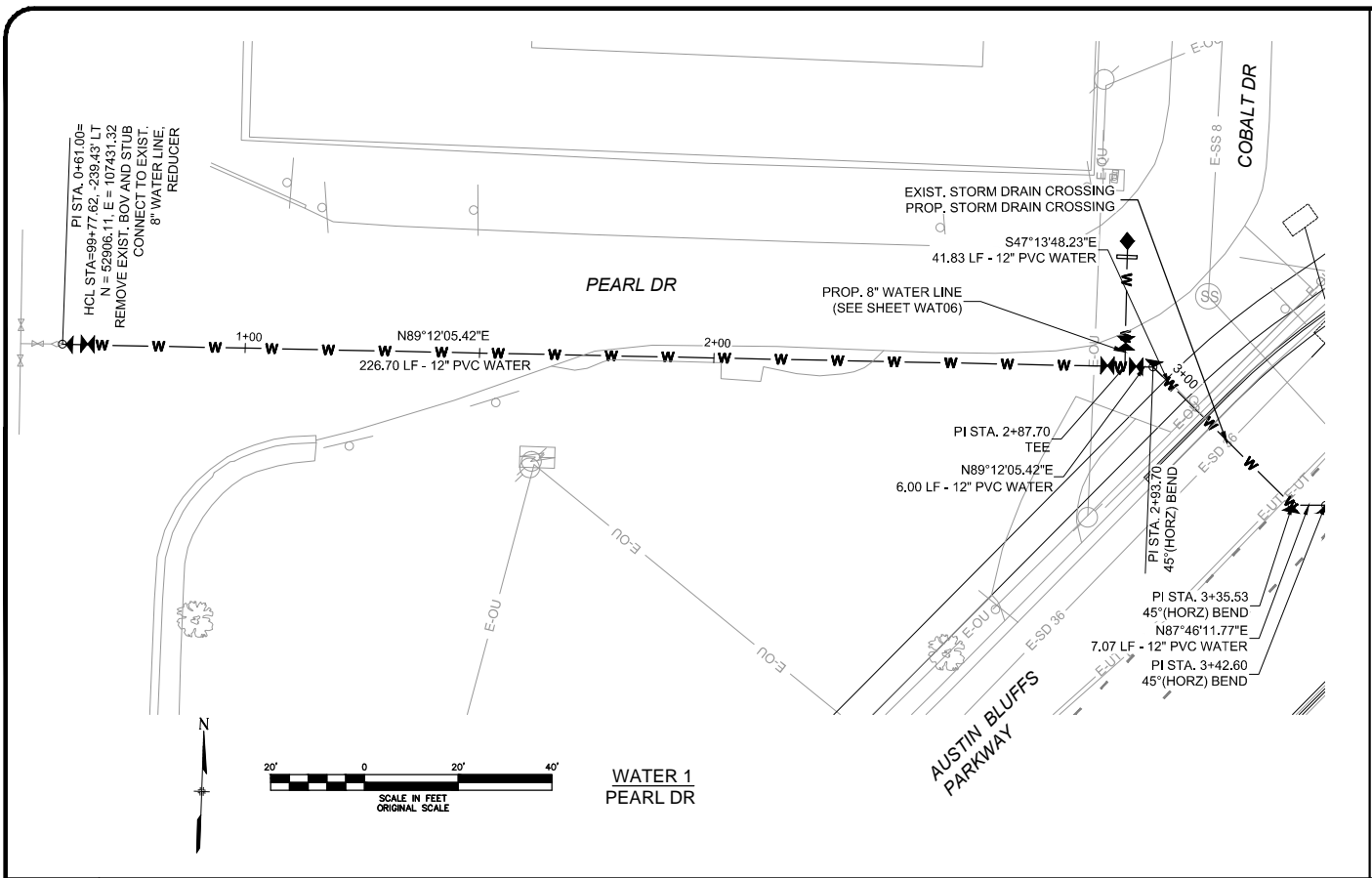
AUSTIN BLUFFS PARKWAY  
 SEGMENT 3 WATERLINE

2435 Research Parkway, Suite 300  
 Colorado Springs, CO 80920  
 Phone 719-575-0100  
 Fax 719-575-0208

Colorado Springs Utilities  
 it's how we're all connected

DESIGN BY: NAB	DATE: JANUARY, 2013
APPROVED BY: TDS	DATE: JANUARY, 2013
SURVEYED BY:	DATE:
	SCALE: N/A

WAT03



WATER PLAN APPROVAL:

COLORADO SPRINGS UTILITIES, DATE \_\_\_\_\_  
 W.O. # 250\_5036 PROJECT # 2012-W175

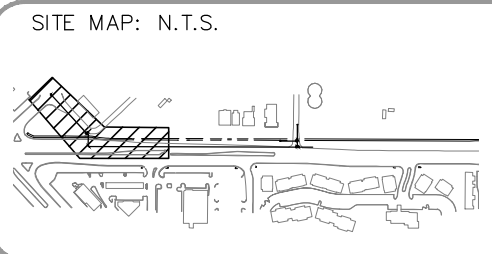
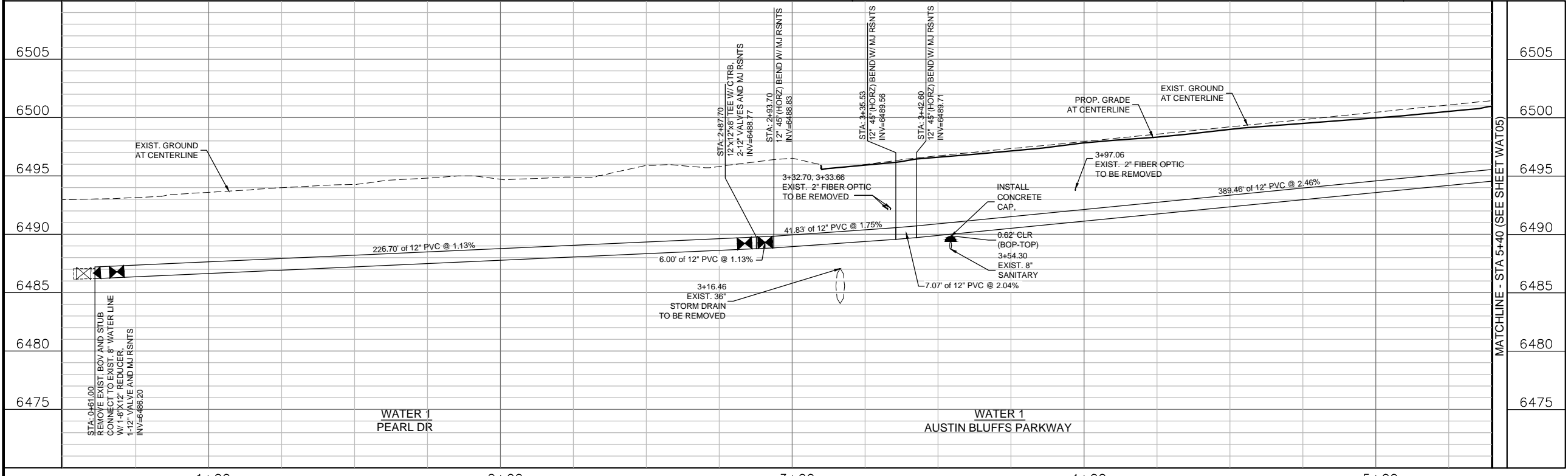
"ACCORDING TO CALCULATIONS REVIEWED BY THE WATER RESOURCES DEPARTMENT, THE THEORETICAL AVAILABLE FIRE FLOW AT NODE "C" IS 3,100 GALLONS PER MINUTE UNDER MAXIMUM DAY DEMAND CONDITIONS WITH A 20 PSI (138 KPA) RESIDUAL. ACTUAL FIRE FLOW MAY VARY DUE TO VARIOUS PARAMETERS."

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SIGNED \_\_\_\_\_ DATE \_\_\_\_\_  
 C.S.F.D. FIRE PREVENTION DIVISION PLAN I.D. # \_\_\_\_\_

NOTE:  
 1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE WATER LINE ARE MEASURED FROM THE CENTER OF THE FITTING.



**LEGEND**

---	ROW/PROPERTY LINE	—▲—	PROPOSED REDUCER
---	CURB LINE	—▲—	PROPOSED VALVE
---	EXISTING GAS MAIN	—▲—	EXISTING VALVE
—W 8	EXISTING WATER	—▲—	PROPOSED BLOWOFF
—SD 30	PROPOSED WATER	—▲—	EXISTING BLOWOFF
—SD 30	EXISTING STORM DRAIN	—▲—	PROPOSED PLUG
—SS 8	PROPOSED STORM DRAIN	—▲—	EXISTING PLUG
—SS 8	EXISTING SAN. SEWER	—▲—	EXISTING FIRE HYDRANT
—SS 8	PROPOSED SAN. SEWER	—▲—	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)

FIMS MAP: M-28

SHEET NO: 4 of 9

NETWORK LOCATION & DRAWING TITLE:  
 M:\TRN\09-100-305-00\CADD\SHEETS\waterline set\WS01-WS04.dwg

REVISIONS:

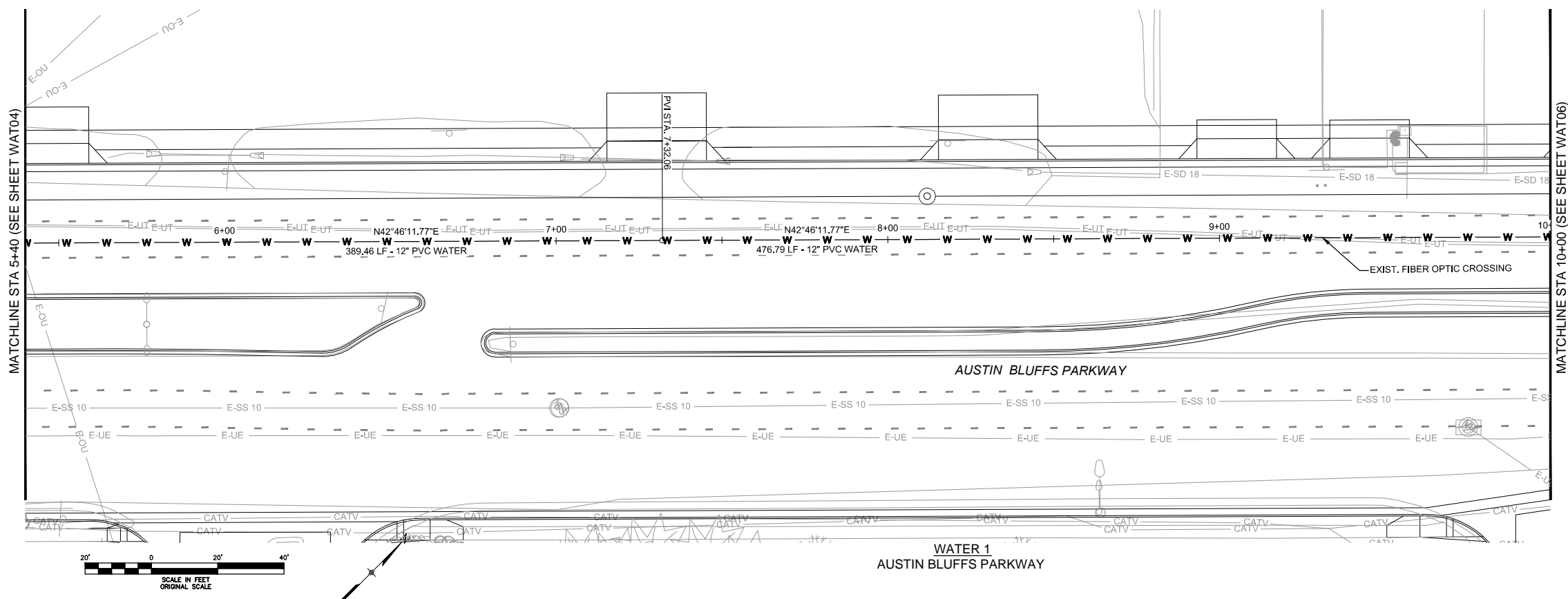
**AUSTIN BLUFFS PARKWAY  
 SEGMENT 3 WATERLINE**

2435 Research Parkway, Suite 300  
 Colorado Springs, CO 80920  
 Phone 719-575-0100  
 Fax 719-575-0208

Colorado Springs Utilities  
*It's how we're all connected*

DESIGN BY: NAB	DATE: JANUARY 2013
APPROVED BY: TDS	DATE: JANUARY 2013
SURVEYED BY:	DATE:
	SCALE: HOR: 1"=40'
	VERT: 1"=10'

WAT04



WATER PLAN APPROVAL:

COLORADO SPRINGS UTILITIES, DATE \_\_\_\_\_  
 W.O. # 250 5036 PROJECT # 2012-W175

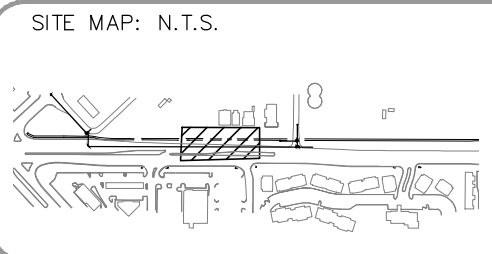
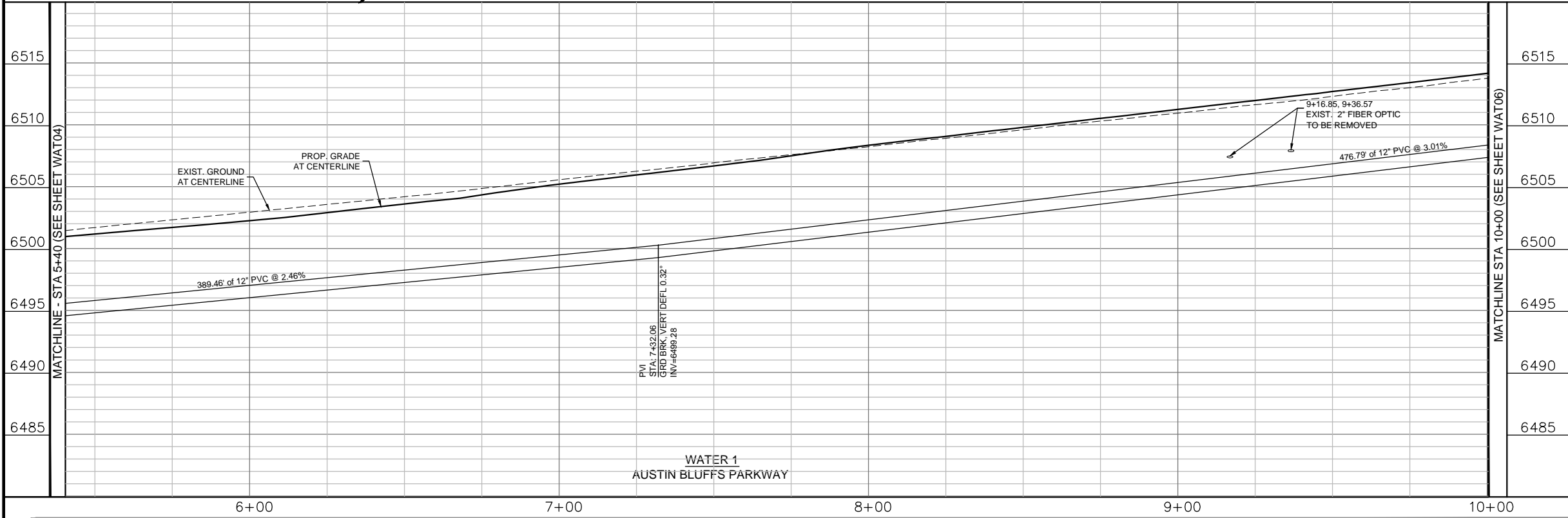
"ACCORDING TO CALCULATIONS REVIEWED BY THE WATER RESOURCES DEPARTMENT, THE THEORETICAL AVAILABLE FIRE FLOW AT NODE "C" IS 3,100 GALLONS PER MINUTE UNDER MAXIMUM DAY DEMAND CONDITIONS WITH A 20 PSI (138 KPA) RESIDUAL. ACTUAL FIRE FLOW MAY VARY DUE TO VARIOUS PARAMETERS."

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SIGNED \_\_\_\_\_ DATE \_\_\_\_\_  
 C.S.F.D. FIRE PREVENTION DIVISION PLAN I.D. # \_\_\_\_\_

NOTE:  
 1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE WATER LINE ARE MEASURED FROM THE CENTER OF THE FITTING.



**LEGEND**

---	ROW/PROPERTY LINE	— —	PROPOSED REDUCER
---	CURB LINE	— —	PROPOSED VALVE
---	EXISTING GAS MAIN	— —	EXISTING VALVE
---	EXISTING WATER	— —	PROPOSED BLOWOFF
---	PROPOSED WATER	— —	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	— —	PROPOSED PLUG
---	PROPOSED STORM DRAIN	— —	EXISTING PLUG
---	EXISTING SAN. SEWER	— —	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	— —	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)

FIMS MAP: M-28

SHEET NO: 5 of 9

NETWORK LOCATION & DRAWING TITLE:  
 M:\TRN\09-100-305-00\CADD\SHEETS\waterline set\WS01-WS04.dwg

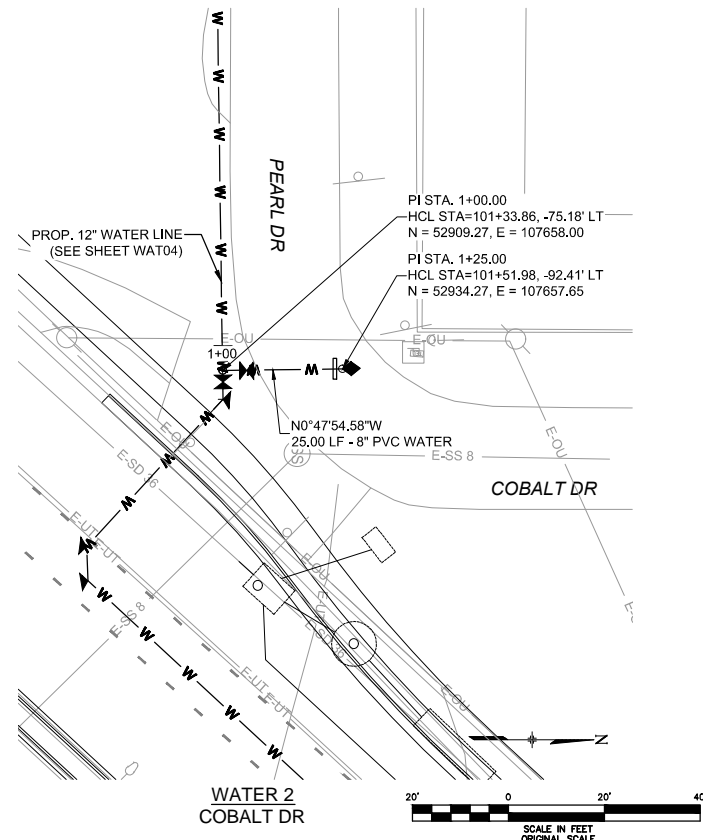
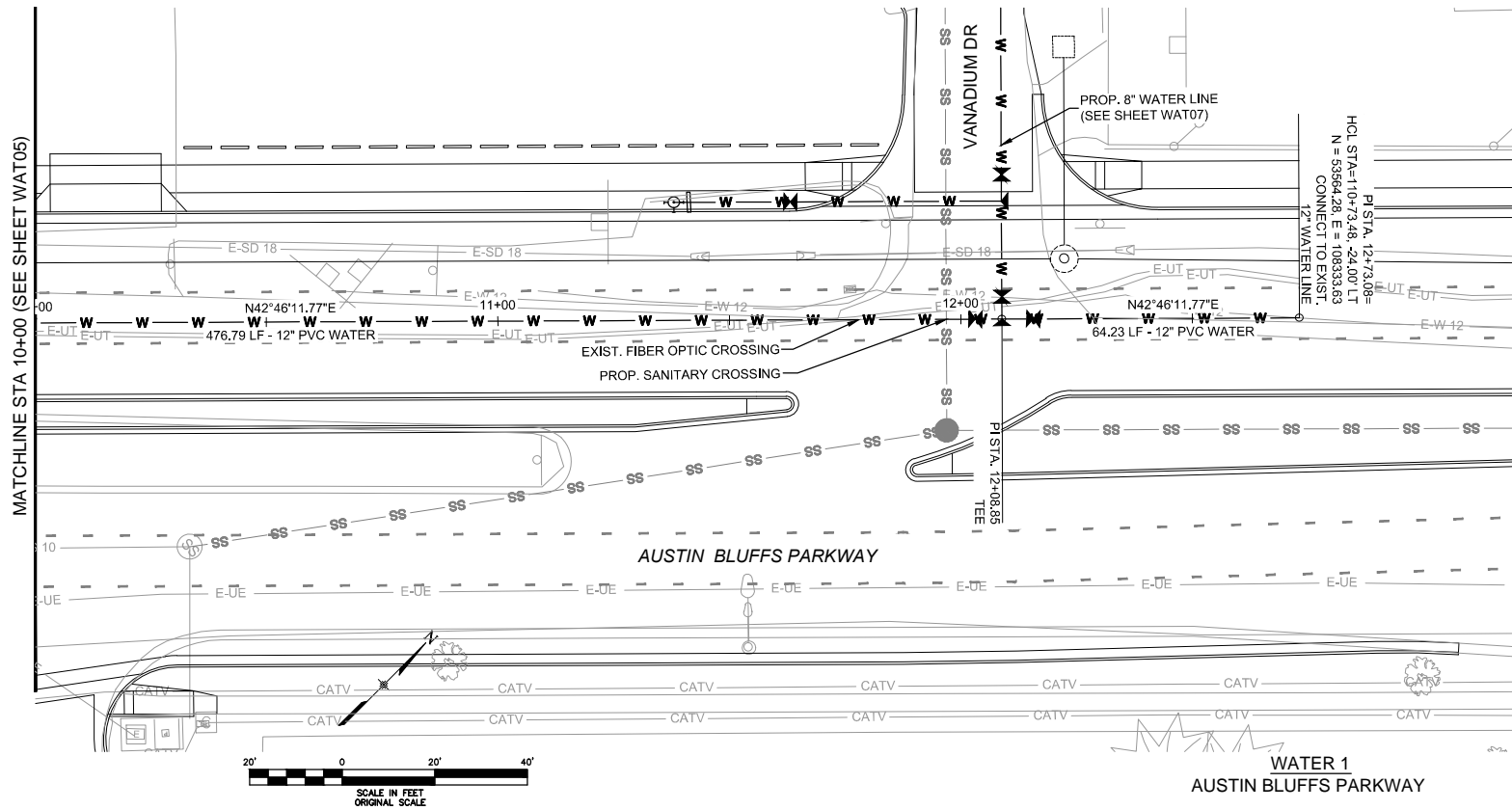
REVISIONS:

**AUSTIN BLUFFS PARKWAY  
 SEGMENT 3 WATERLINE**

2435 Research Parkway, Suite 300  
 Colorado Springs, CO 80920  
 Phone 719-575-0100  
 Fax 719-575-0208

DESIGN BY: NAB DATE: JANUARY 2013  
 APPROVED BY: TDS DATE: JANUARY 2013  
 SURVEYED BY: DATE:  
 SCALE: HOR: 1"=40'  
 VERT: 1"=10'

WAT05



WATER PLAN APPROVAL:

COLORADO SPRINGS UTILITIES, DATE \_\_\_\_\_  
 W.O. # 250\_5036 PROJECT # 2012-W175

"ACCORDING TO CALCULATIONS REVIEWED BY THE WATER RESOURCES DEPARTMENT, THE THEORETICAL AVAILABLE FIRE FLOW AT NODE "C" IS 3,100 GALLONS PER MINUTE UNDER MAXIMUM DAY DEMAND CONDITIONS WITH A 20 PSI (138 KPA) RESIDUAL. ACTUAL FIRE FLOW MAY VARY DUE TO VARIOUS PARAMETERS."

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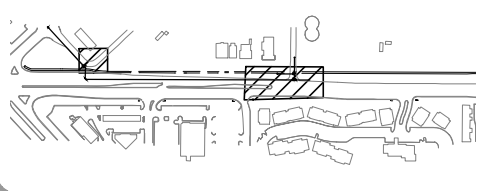
SIGNED \_\_\_\_\_ DATE \_\_\_\_\_  
 C.S.F.D. FIRE PREVENTION DIVISION PLAN I.D. # \_\_\_\_\_

NOTE:  
 1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE WATER LINE ARE MEASURED FROM THE CENTER OF THE FITTING.

6525	MATCHLINE STA 10+00 (SEE SHEET WAT05)	<p>WATER 1 AUSTIN BLUFFS PARKWAY</p>	6525
6520			6520
6515			6515
6510			6510
6505			6505
6500			6500
6495			6495

6505	MATCHLINE STA 10+00 (SEE SHEET WAT05)	<p>WATER 2 COBALT DR</p>	6505
6500			6500
6495			6495
6490			6490
6485			6485
6480			6480
6475			6475

SITE MAP: N.T.S.



**LEGEND**

---	ROW/PROPERTY LINE	—	PROPOSED REDUCER
---	CURB LINE	—	PROPOSED VALVE
---	EXISTING GAS MAIN	—	EXISTING VALVE
---	EXISTING WATER	—	PROPOSED BLOWOFF
---	PROPOSED WATER	—	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	—	PROPOSED PLUG
---	PROPOSED STORM DRAIN	—	EXISTING PLUG
---	EXISTING SAN. SEWER	—	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	—	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)

FIMS MAP: M-28  
 SHEET NO: 6 of 9  
 NETWORK LOCATION & DRAWING TITLE:  
 M:\TRN\09-100-305-00\CADD\SHEETS\waterline set\WS01-WS04.dwg

REVISIONS:

**AUSTIN BLUFFS PARKWAY SEGMENT 3 WATERLINE**

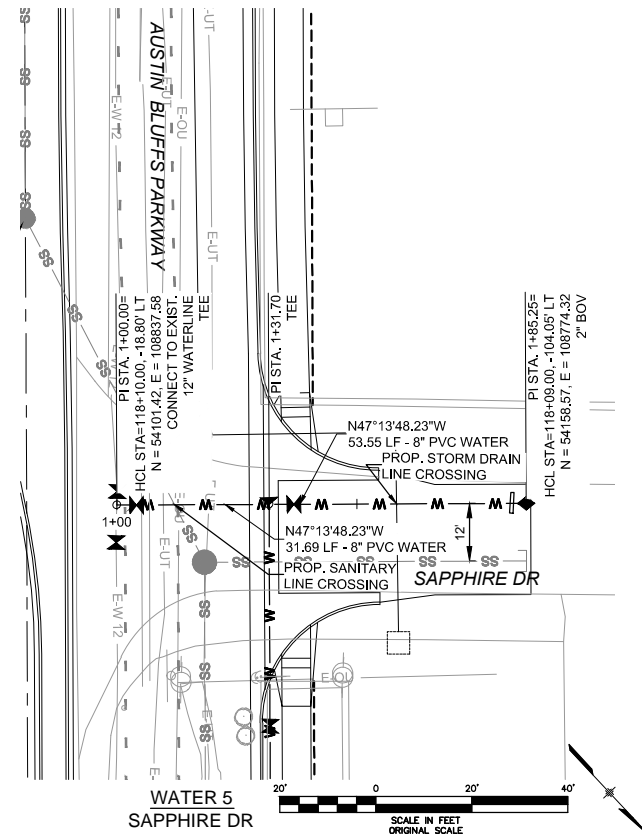
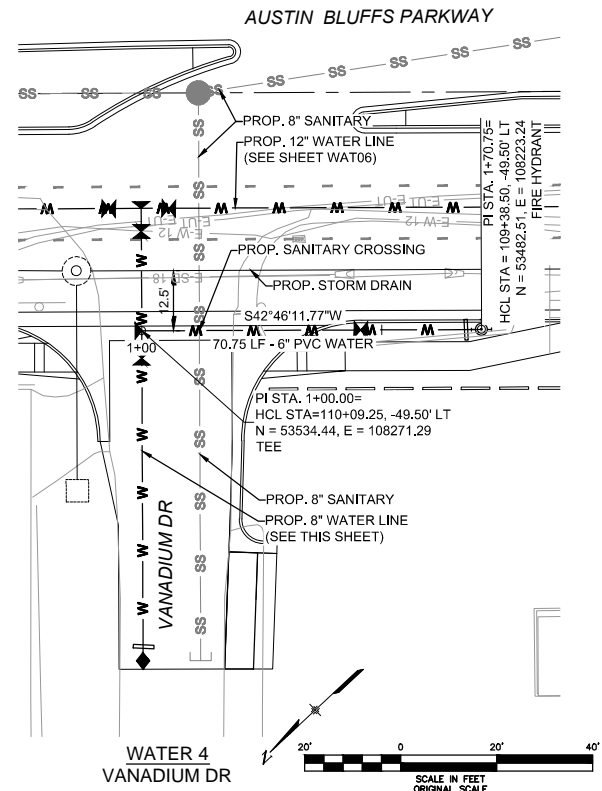
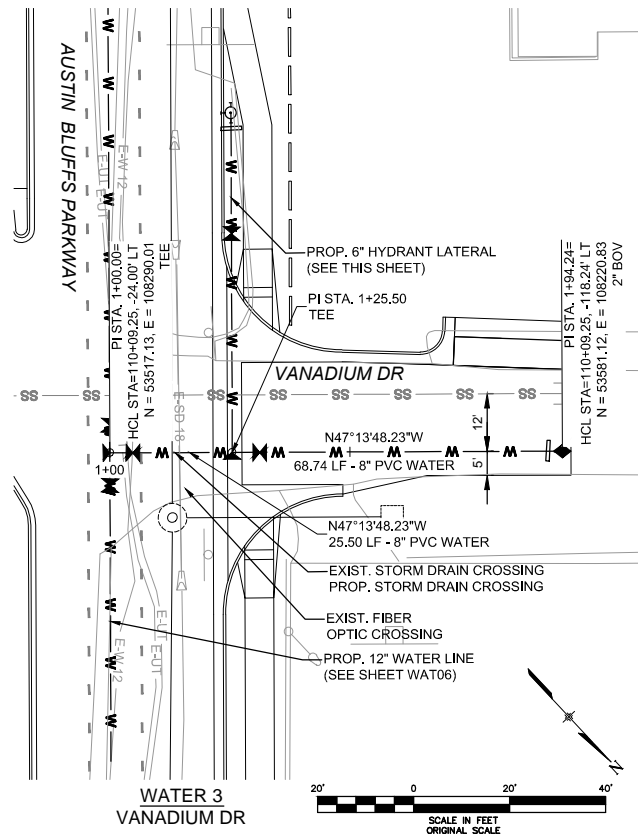
2435 Research Parkway, Suite 300  
 Colorado Springs, CO 80920  
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 Fax 719-575-0208

**Wilson & Company**

Colorado Springs Utilities  
*It's how we're all connected*

DESIGN BY: NAB	DATE: JANUARY 2013
APPROVED BY: TDS	DATE: JANUARY 2013
SURVEYED BY:	DATE:
	SCALE: HOR: 1"=40'
	VERT: 1"=10'

WAT06



WATER PLAN APPROVAL:

COLORADO SPRINGS UTILITIES, DATE \_\_\_\_\_  
 W.O. # 250\_5036 PROJECT # 2012-W175

"ACCORDING TO CALCULATIONS REVIEWED BY THE WATER RESOURCES DEPARTMENT, THE THEORETICAL AVAILABLE FIRE FLOW AT NODE 'C' IS 3,100 GALLONS PER MINUTE UNDER MAXIMUM DAY DEMAND CONDITIONS WITH A 20 PSI (138 KPA) RESIDUAL. ACTUAL FIRE FLOW MAY VARY DUE TO VARIOUS PARAMETERS."

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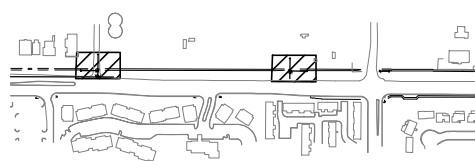
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SIGNED \_\_\_\_\_ DATE \_\_\_\_\_  
 C.S.F.D. FIRE PREVENTION DIVISION PLAN I.D. # \_\_\_\_\_

NOTE:  
 1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE WATER LINE ARE MEASURED FROM THE CENTER OF THE FITTING.

6530		6530		6530		6530		6530		6530	
6525		6525		6525		6525		6525		6525	
6520		6520		6520		6520		6520		6520	
6515		6515		6515		6515		6515		6515	
6510		6510		6510		6510		6510		6510	
6505		6505		6505		6505		6505		6505	
6500		6500		6500		6500		6500		6500	
	1+00		2+00		1+00		1+00		1+00		6520

SITE MAP: N.T.S.



LEGEND

---	ROW/PROPERTY LINE	—	PROPOSED REDUCER
---	CURB LINE	—	PROPOSED VALVE
—	EXISTING GAS MAIN	—	EXISTING VALVE
—	EXISTING WATER	—	PROPOSED BLOWOFF
—	PROPOSED WATER	—	EXISTING BLOWOFF
—	EXISTING STORM DRAIN	—	PROPOSED PLUG
—	PROPOSED STORM DRAIN	—	EXISTING PLUG
—	EXISTING SAN. SEWER	—	EXISTING FIRE HYDRANT
—	PROPOSED SAN. SEWER	—	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)

FIMS MAP: M-28

SHEET NO: 7 of 9

NETWORK LOCATION & DRAWING TITLE:  
 M:\TRN\09-100-305-00\CADD\SHETS\waterline set\WS01-WS04.dwg

REVISIONS:  
 5 REVISION NO. 1 04-08-13

AUSTIN BLUFFS PARKWAY  
 SEGMENT 3 WATERLINE



2435 Research Parkway, Suite 300  
 Colorado Springs, CO 80920  
 Phone 719-575-0100  
 Fax 719-575-0208



Colorado Springs Utilities  
*It's how we're all connected*

DESIGN BY: NAB	DATE: JANUARY 2013
APPROVED BY: TDS	DATE: JANUARY 2013
SURVEYED BY:	DATE:
	SCALE: HOR: 1"=40'
	VERT: 1"=10'

WAT07

WATER PLAN APPROVAL:

COLORADO SPRINGS UTILITIES, DATE  
 W.O. # 250\_5036 PROJECT # 2012-W175

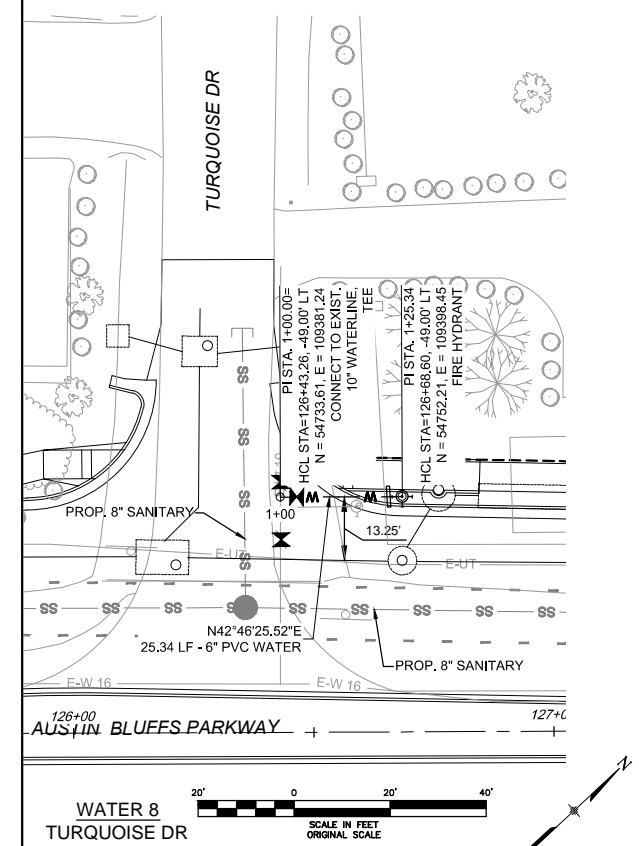
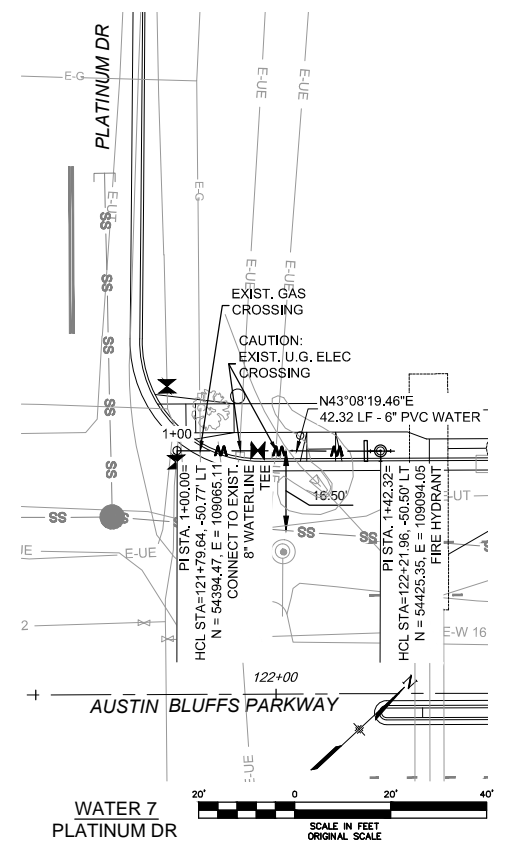
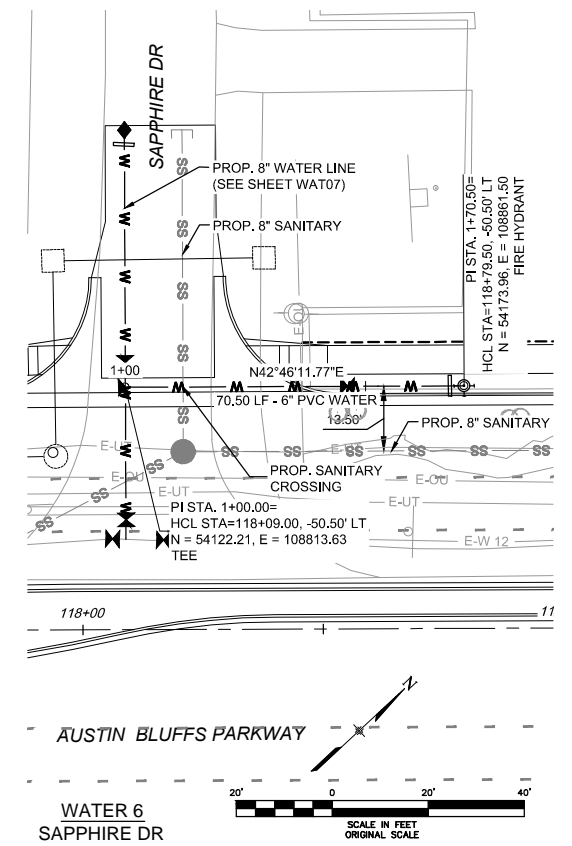
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SIGNED \_\_\_\_\_ DATE \_\_\_\_\_  
 C.S.F.D. FIRE PREVENTION DIVISION PLAN I.D. # \_\_\_\_\_

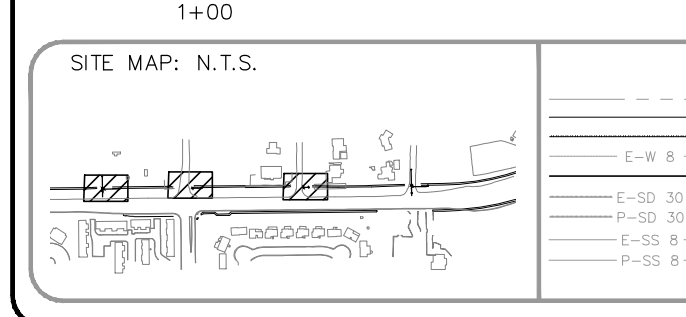
NOTE:  
 1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE WATER LINE ARE MEASURED FROM THE CENTER OF THE FITTING.



6555						
6550						
6545						
6540						
6535						
6530						
6525						

6560						
6555						
6550						
6545						
6540						
6535						
6530						

6575						
6570						
6565						
6560						
6555						
6550						
6545						



**LEGEND**

---	ROW/PROPERTY LINE	---	PROPOSED REDUCER
---	CURB LINE	---	PROPOSED VALVE
---	EXISTING GAS MAIN	---	EXISTING VALVE
---	EXISTING WATER	---	PROPOSED BLOWOFF
---	PROPOSED WATER	---	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	---	PROPOSED PLUG
---	PROPOSED STORM DRAIN	---	EXISTING PLUG
---	EXISTING SAN. SEWER	---	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	---	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)

FIMS MAP: M-26  
 SHEET NO: 8 of 9  
 NETWORK LOCATION & DRAWING TITLE:  
 M:\TRN\09-100-305-00\CADD\SHEETS\waterline set\WS05-WS06.dwg

REVISIONS:  
 5 REVISION NO. 1 04-08-13

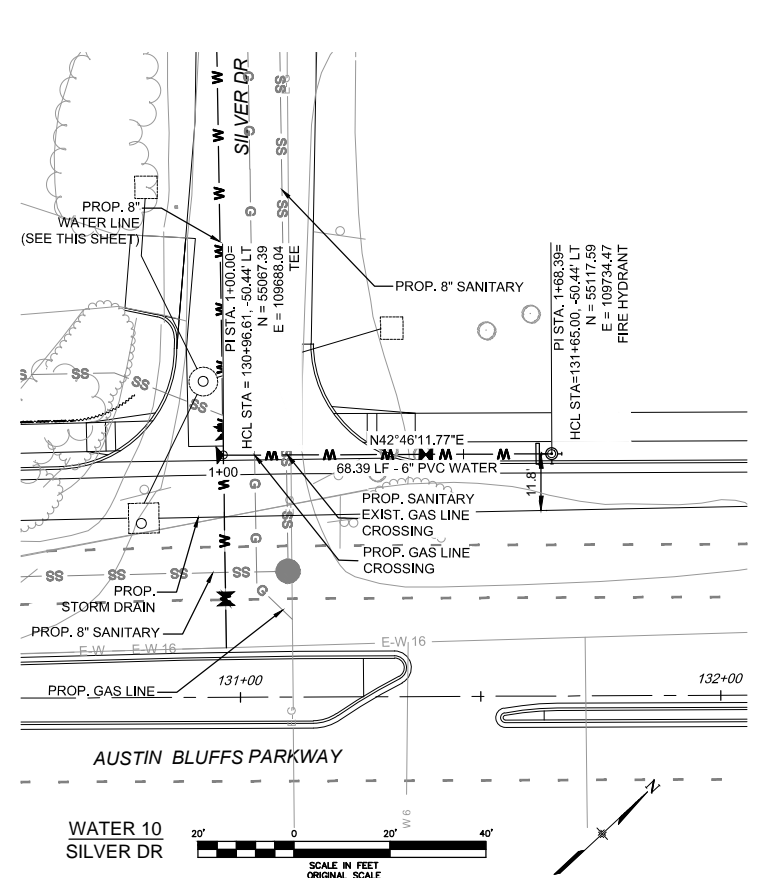
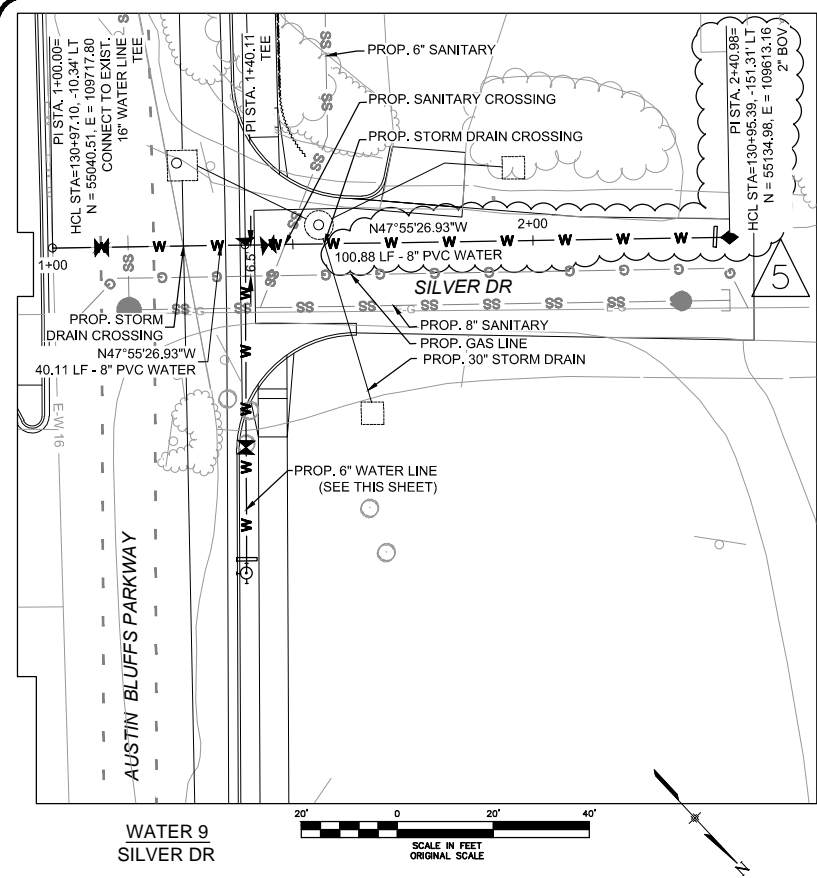
**AUSTIN BLUFFS PARKWAY  
 SEGMENT 3 WATERLINE**

2435 Research Parkway, Suite 300  
 Colorado Springs, CO 80920  
 Phone 719-575-0100  
 Fax 719-575-0208

**Wilson & Company**  
 It's how we're all connected

DESIGN BY:	NAB	DATE:	JANUARY, 2013
APPROVED BY:	TDS	DATE:	JANUARY, 2013
SURVEYED BY:		DATE:	
		SCALE:	HOR: 1"=40' VERT: 1"=10'

WAT08



WATER PLAN APPROVAL:

COLORADO SPRINGS UTILITIES, DATE  
 W.O. # 250 5036 PROJECT # 2012-W175

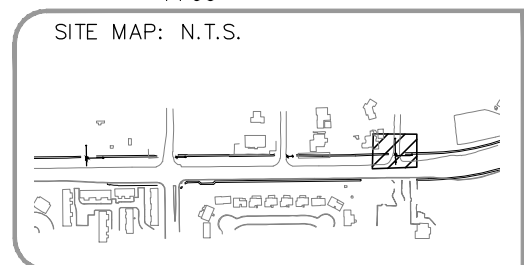
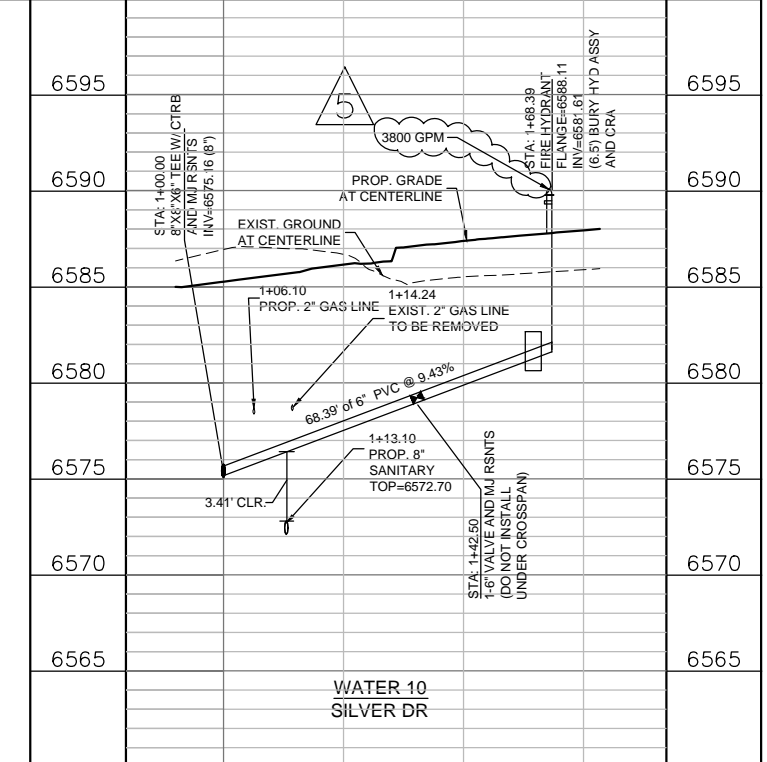
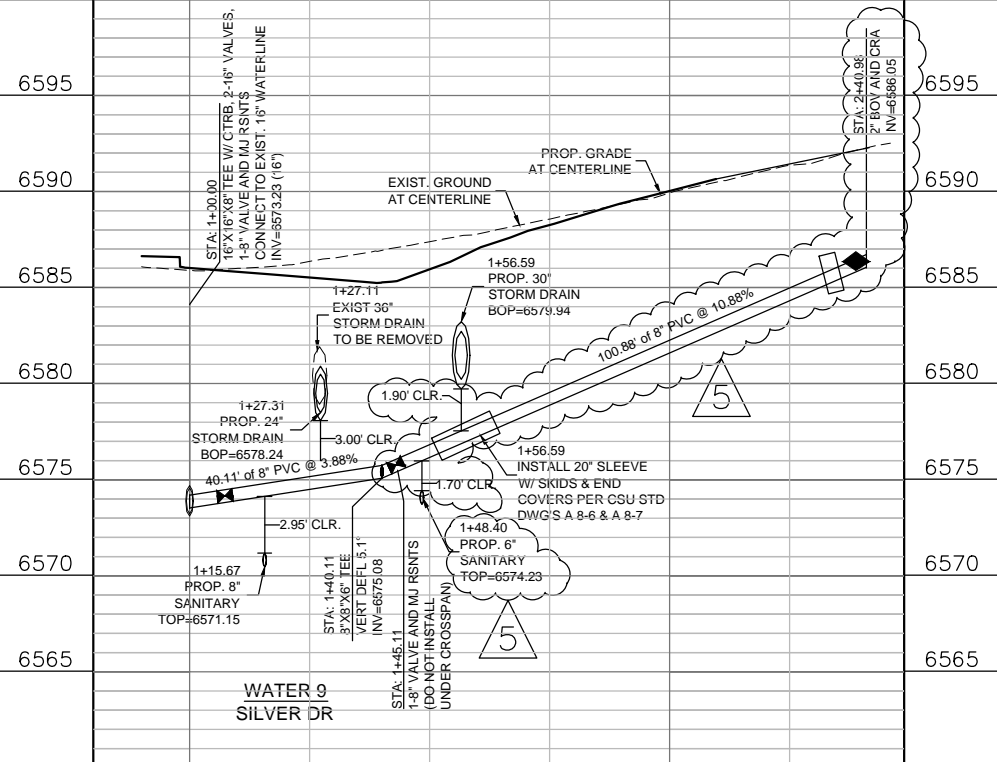
"ACCORDING TO CALCULATIONS REVIEWED BY THE WATER RESOURCES DEPARTMENT, THE THEORETICAL AVAILABLE FIRE FLOW AT NODE "C" IS 3,100 GALLONS PER MINUTE UNDER MAXIMUM DAY DEMAND CONDITIONS WITH A 20 PSI (138 KPA) RESIDUAL. ACTUAL FIRE FLOW MAY VARY DUE TO VARIOUS PARAMETERS."

ALL FIRE HYDRANTS SHALL BE INSTALLED ACCORDING TO THE COLORADO SPRINGS UTILITIES SPECIFICATIONS.

THE NUMBER OF FIRE HYDRANTS AND HYDRANT LOCATIONS AS SHOWN ON THIS WATER INSTALLATION PLAN ARE CORRECT AND ADEQUATE TO SATISFY THE FIRE PROTECTION REQUIREMENTS AS SPECIFIED BY THE CITY OF COLORADO SPRINGS FIRE DEPARTMENT.

SIGNED \_\_\_\_\_ DATE \_\_\_\_\_  
 C.S.F.D. FIRE PREVENTION DIVISION PLAN I.D. # \_\_\_\_\_

NOTE:  
 1. CONTROL POINTS AND LENGTHS OF PIPE FOR THE WATER LINE ARE MEASURED FROM THE CENTER OF THE FITTING.



**LEGEND**

---	ROW/PROPERTY LINE	←	PROPOSED REDUCER
---	CURB LINE	⊗	PROPOSED VALVE
---	EXISTING GAS MAIN	⊗	EXISTING VALVE
---	EXISTING WATER	⊗	PROPOSED BLOWOFF
---	PROPOSED WATER	⊗	EXISTING BLOWOFF
---	EXISTING STORM DRAIN	⊗	PROPOSED PLUG
---	PROPOSED STORM DRAIN	⊗	EXISTING PLUG
---	EXISTING SAN. SEWER	⊗	EXISTING FIRE HYDRANT
---	PROPOSED SAN. SEWER	⊗	PROPOSED FIRE HYDRANT

(PROJECT RELATED INFORMATION)

FIMS MAP: M-26  
 SHEET NO: 9 of 9  
 NETWORK LOCATION & DRAWING TITLE:  
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REVISIONS:  
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WAT09