

Oversight / NHS

FHWA REGION VIII OVERSIGHT? NO YES

NATIONAL HIGHWAY SYSTEM? NO YES

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

Related Projects:	
P. E. UNDER PROJECT:	IM 0253-220
Project Number	18319
Project Code:	
R.O.W. Projects:	
R.O.W. Project Description	
XXXXXXXXXXXXXXXXXX	

HIGHWAY CONSTRUCTION BID PLANS OF PROPOSED
FEDERAL AID PROJECT NO. IM 0253-220
INTERSTATE HIGHWAY NO. 25
WELD AND LARIMER COUNTIES
CONSTRUCTION PROJECT CODE NO. 18319
I-25 RECONSTRUCTION - NORTH OF SH 56 TO NORTH OF SH 402

20% SUBMITTAL
DECEMBER 2016

VOLUME 2

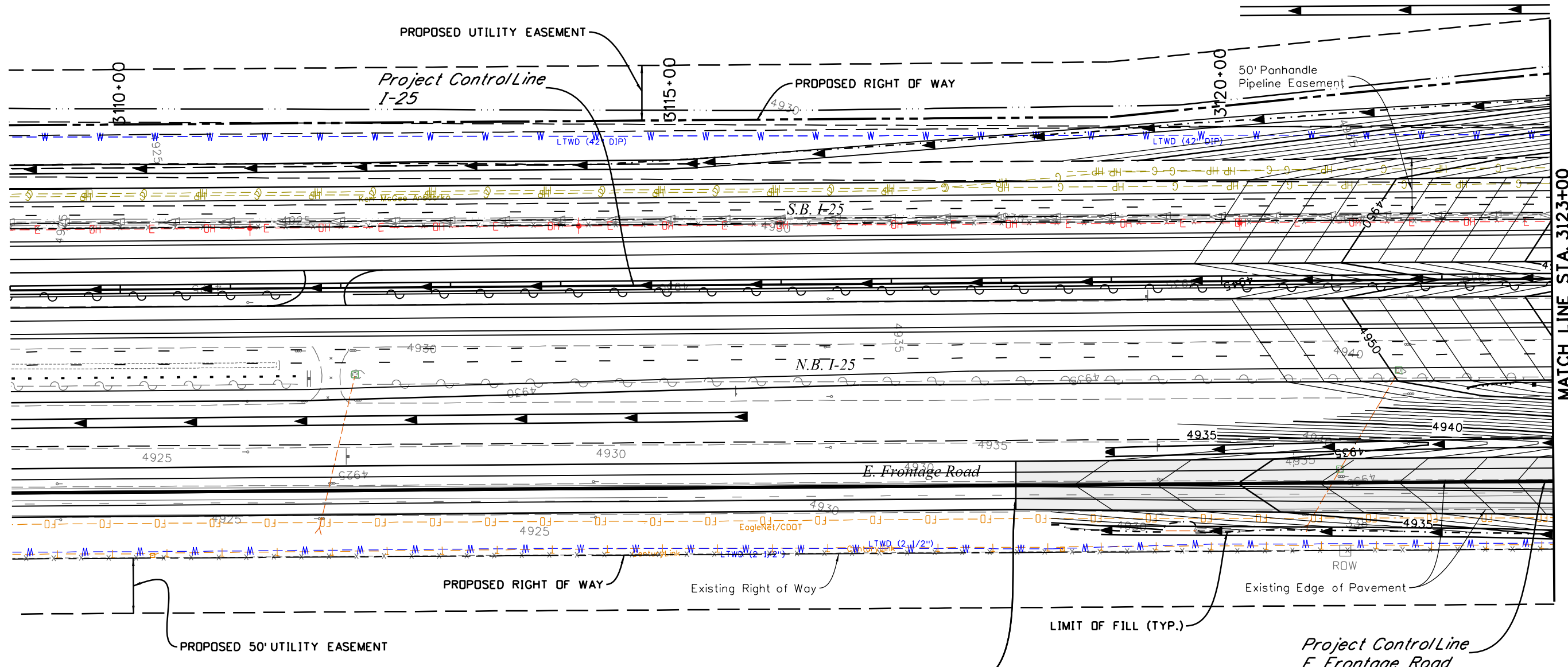
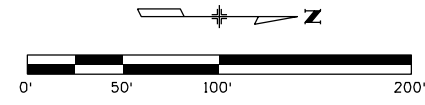
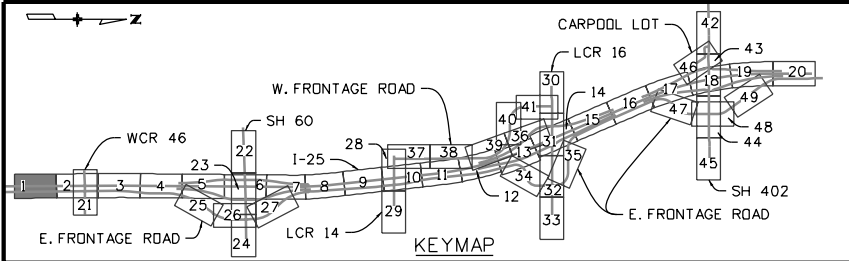
SHEET NO.	INDEX OF SHEETS
181 - 229	DRAINAGE & IRRIGATION PLANS
230 - 246	CROSS CULVERT AND IRRIGATION PROFILES
247 - 252	UTILITY MATRIX
253 - 301	UTILITY PLANS
302 - 320	BRIDGE PLANS
321 - 327	RETAINING WALL PROFILES

12/22/2016 9:52:00 AM P:\12-003.01\I-25 SH 66 to SH 56 - CDOT R-4\18319\Ultimate\Design\Drawings\I-25_Segment 6\18319DES_Seg6_TitleSht_V2.dgn



**Know what's below
Call before you dig.**

Print Date: 12/22/2016 File Name: 18319DES_Seg6_TitleSht_V2.dgn Horiz. Scale: 1:1 Vert. Scale: As Noted Unit Information Unit Leader Initials 	0000 20% SUBMITTAL	Sheet Revisions <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date:</th> <th>Comments:</th> <th>Init.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Date:	Comments:	Init.										Colorado Department of Transportation 10601 W. 10th Street Greeley, CO 80634 Phone: 970-350-2322 FAX: 970-350-2181 Region 4 CJB	As Constructed No Revisions: Revised: Void:	Contract Information Contractor: Resident Engineer: Project Engineer: PROJECT STARTED: / / ACCEPTED: / / Comments:	Project No./Code IM 0253-220 18319 Sheet Number
Date:	Comments:	Init.																



MATCH LINE STA. 3123+00

BEGIN E. FRONTAGE ROAD
STA. 24040+68.42

M.L.D. Equities, LLC



Know what's below
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Leah 3:19:34 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_I25_DrainagePlan01.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Dark.tb

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Horiz. Scale: 1:100 Vert. Scale: As Noted	
Unit Information Unit Leader Initials	
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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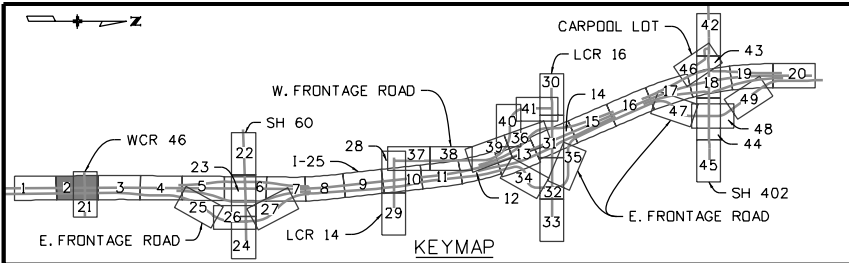
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

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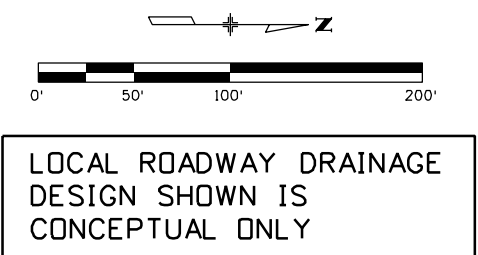
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Detailer: LMR	
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Project No./Code
IM 0253-220
18319
Sheet Number 181

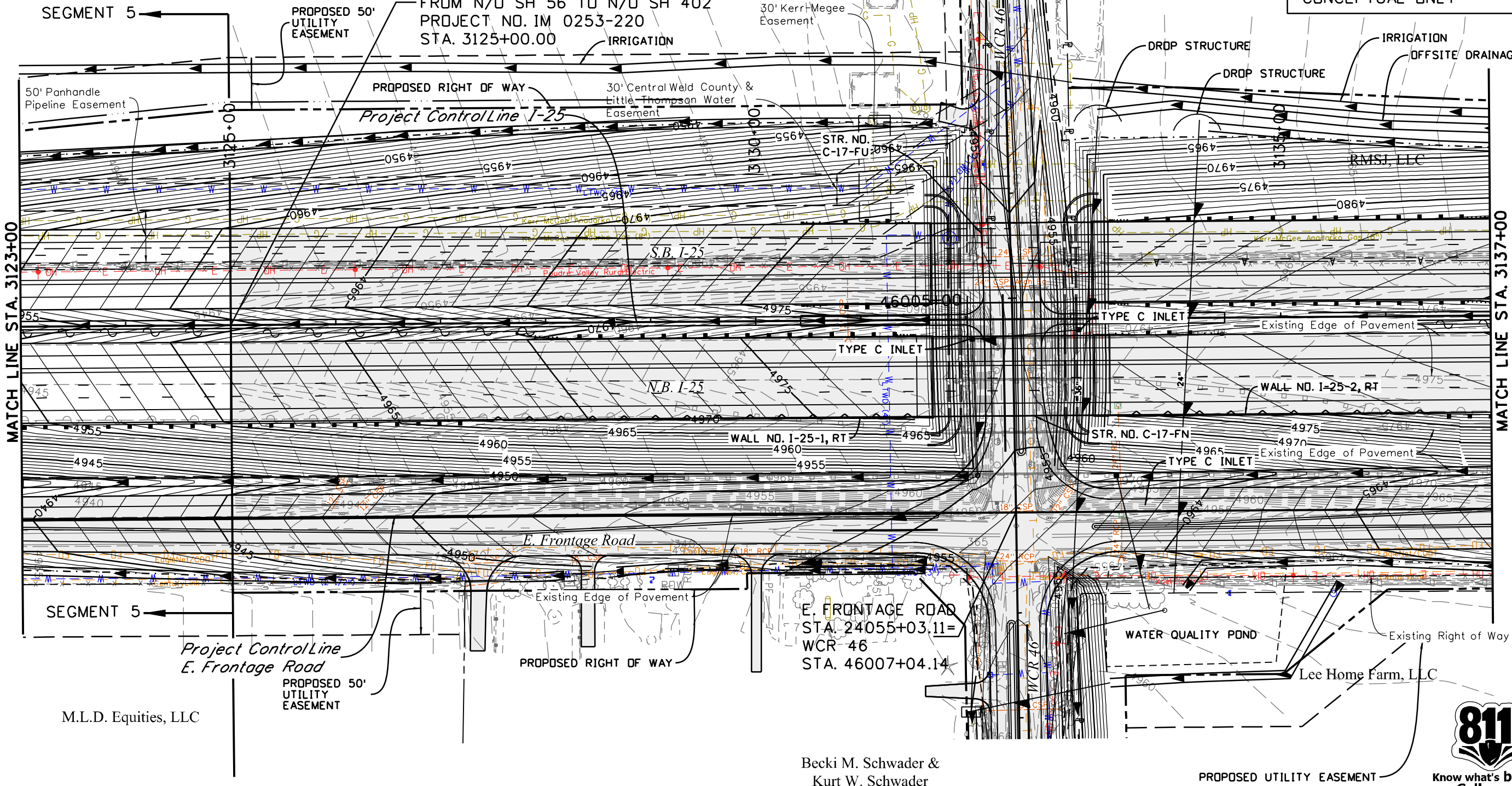


Vickilee Einhellig &
David P. Lamb &
William G. Markham

BEGIN NORTH I-25 RECONSTRUCTION
FROM N/O SH 56 TO N/O SH 402
PROJECT NO. IM 0253-220
STA. 3125+00.00



LOCAL ROADWAY DRAINAGE
DESIGN SHOWN IS
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Leah 3:19:42 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_I25_DrainagePlan02.dgn
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Unit Information Unit Leader Initials	
MULLER ENGINEERING COMPANY	

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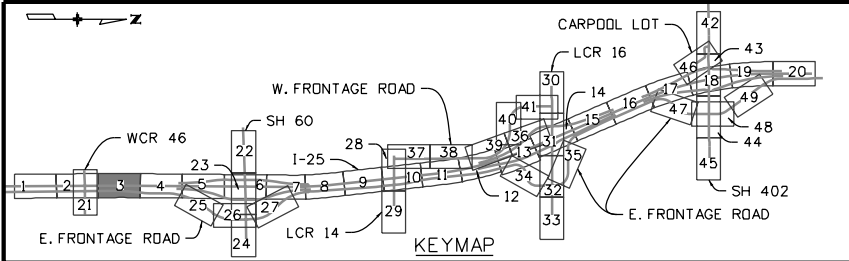
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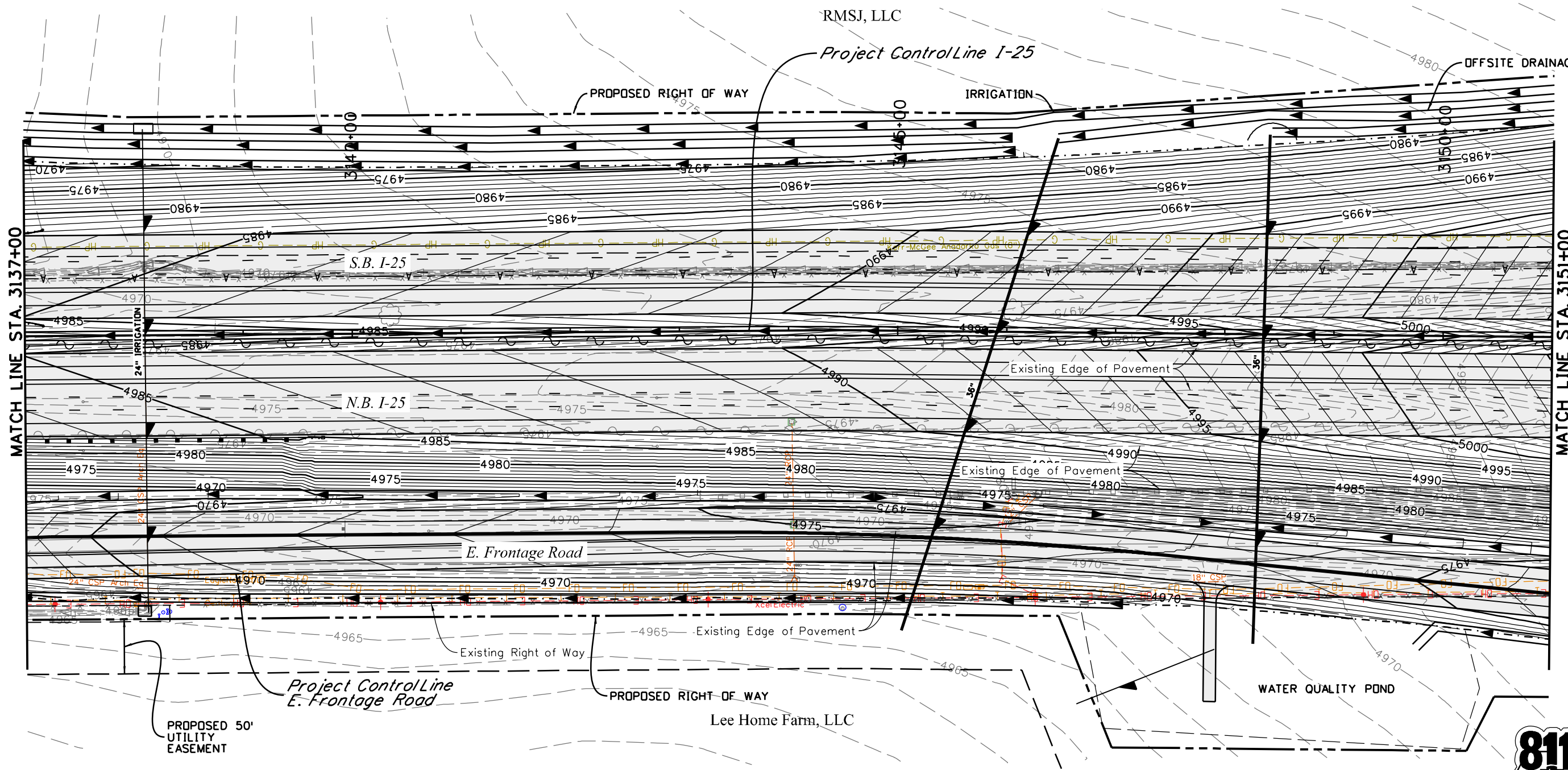
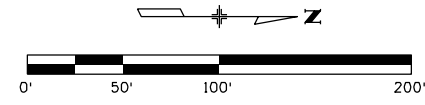
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Designer: CRR	Structure Numbers
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Project No./Code
IM 0253-220
18319
Sheet Number 182

811
Know what's below
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12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V81 CLR-UTIL Dark.tb



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Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

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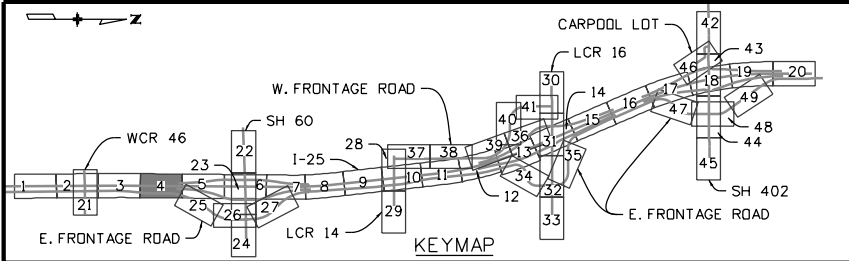
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Region 4 CJB

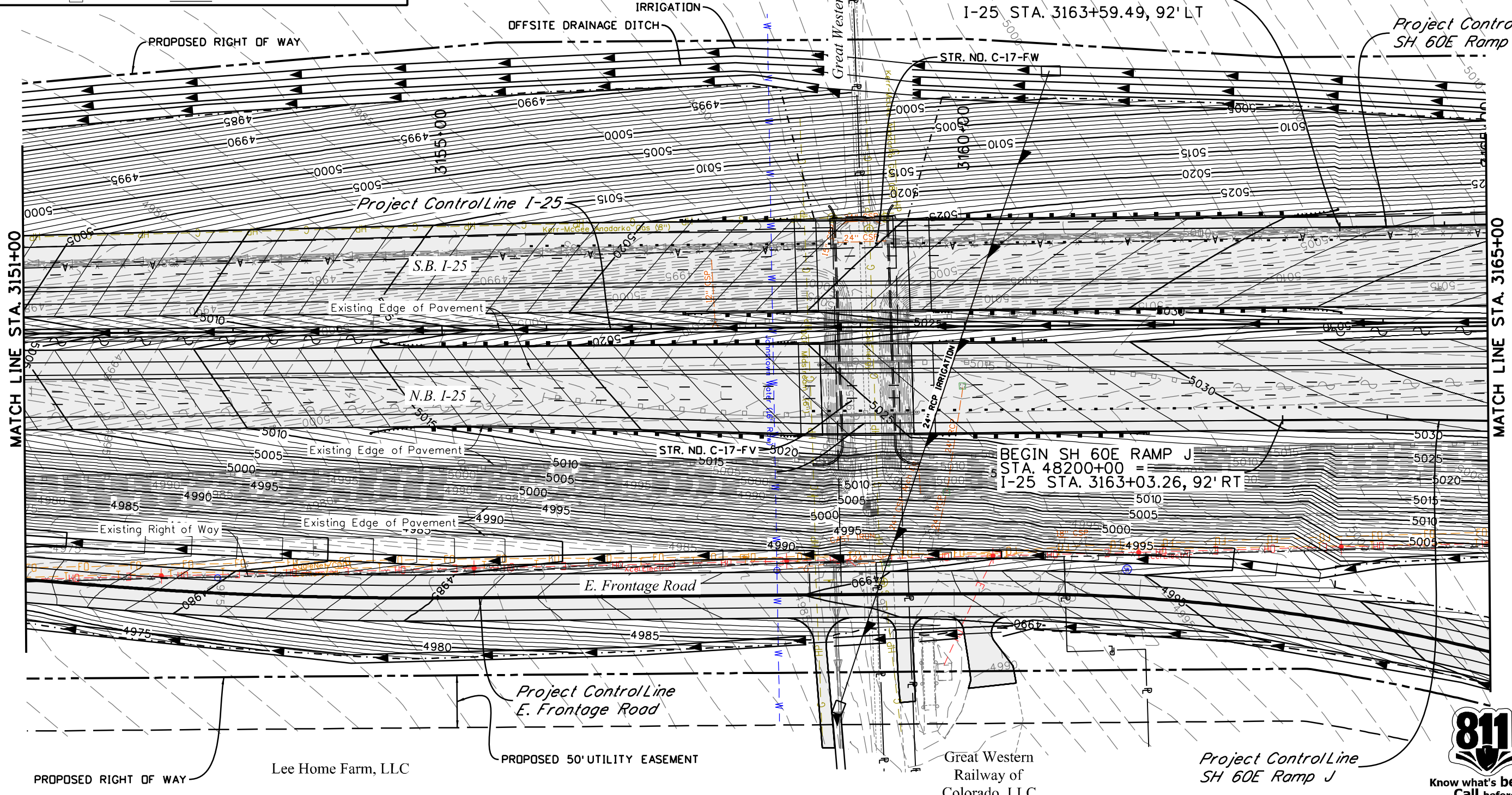
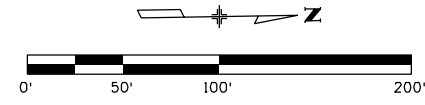
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Designer: CRR	Structure Numbers
Detailer: LMR	Subset Sheets: 3 of 49
Sheet Subset: DRAINAGE	

Project No./Code
IM 0253-220
18319
Sheet Number 183



LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY



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Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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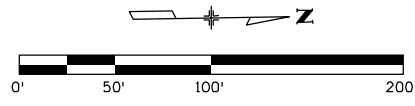
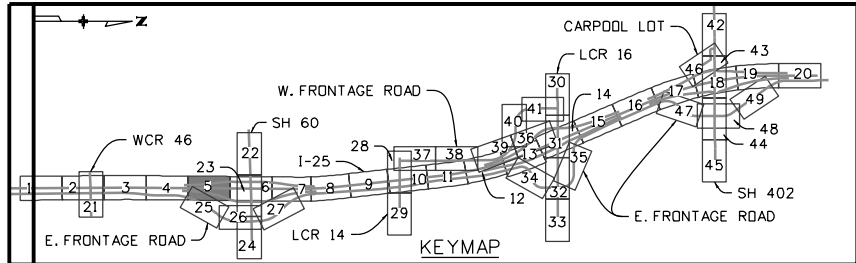
10601 W. 10th Street
Greeley, CO 80634
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Region 4 CJB

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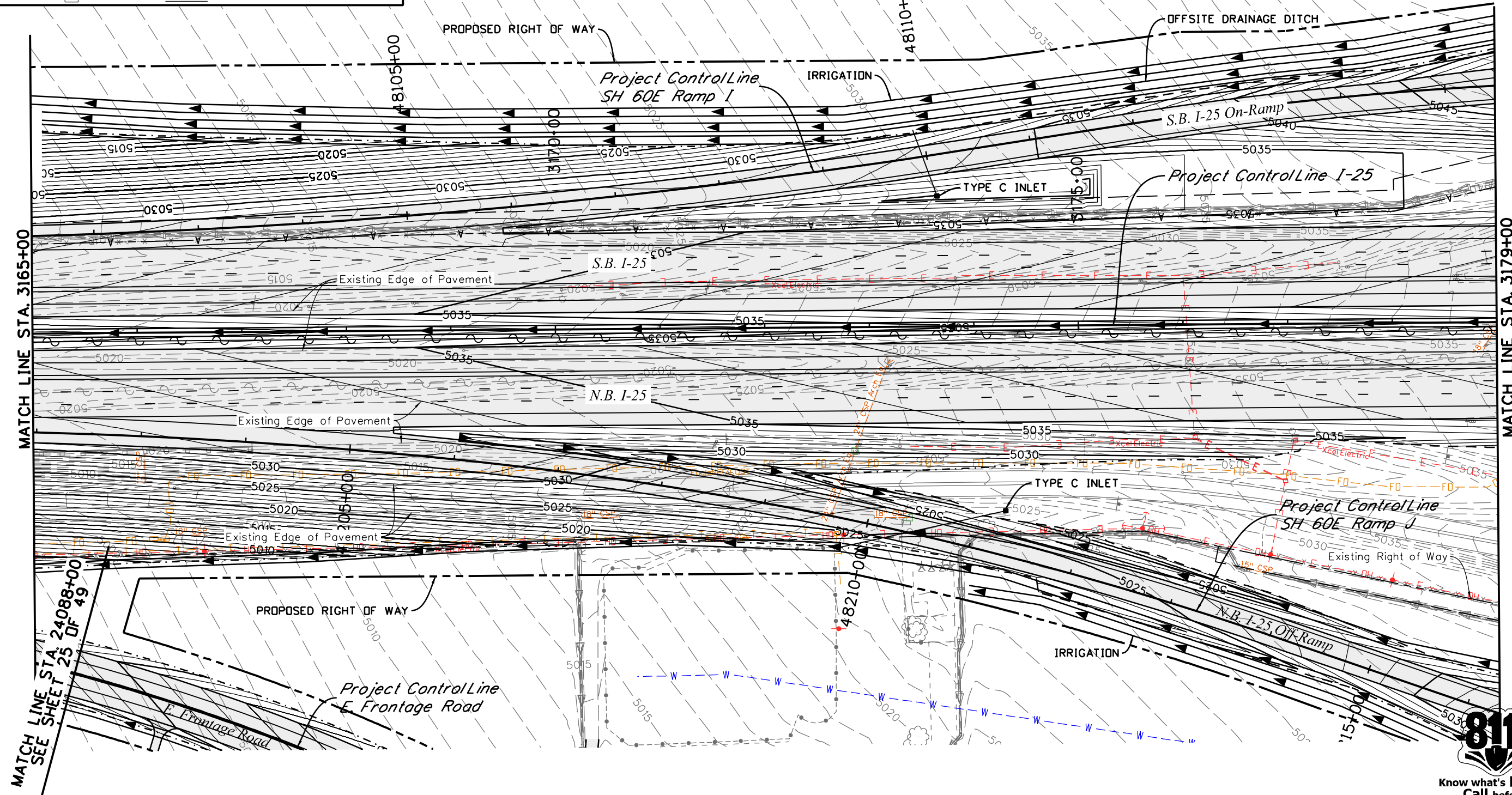
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Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 4 of 49

Project No./Code	IM 0253-220
Sheet Number	184



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48115+00



MATCH LINE STA. 3165+00
MATCH LINE STA. 24088+00
SEE SHEET 25 DF 49

MATCH LINE STA. 3179+00

Leah 3:20:11 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate Hydraulics Drawings\I-25 Segment 6\18319HYDR_Seg6_125_DrainagePlan05.dgn
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Unit Information Unit Leader Initials

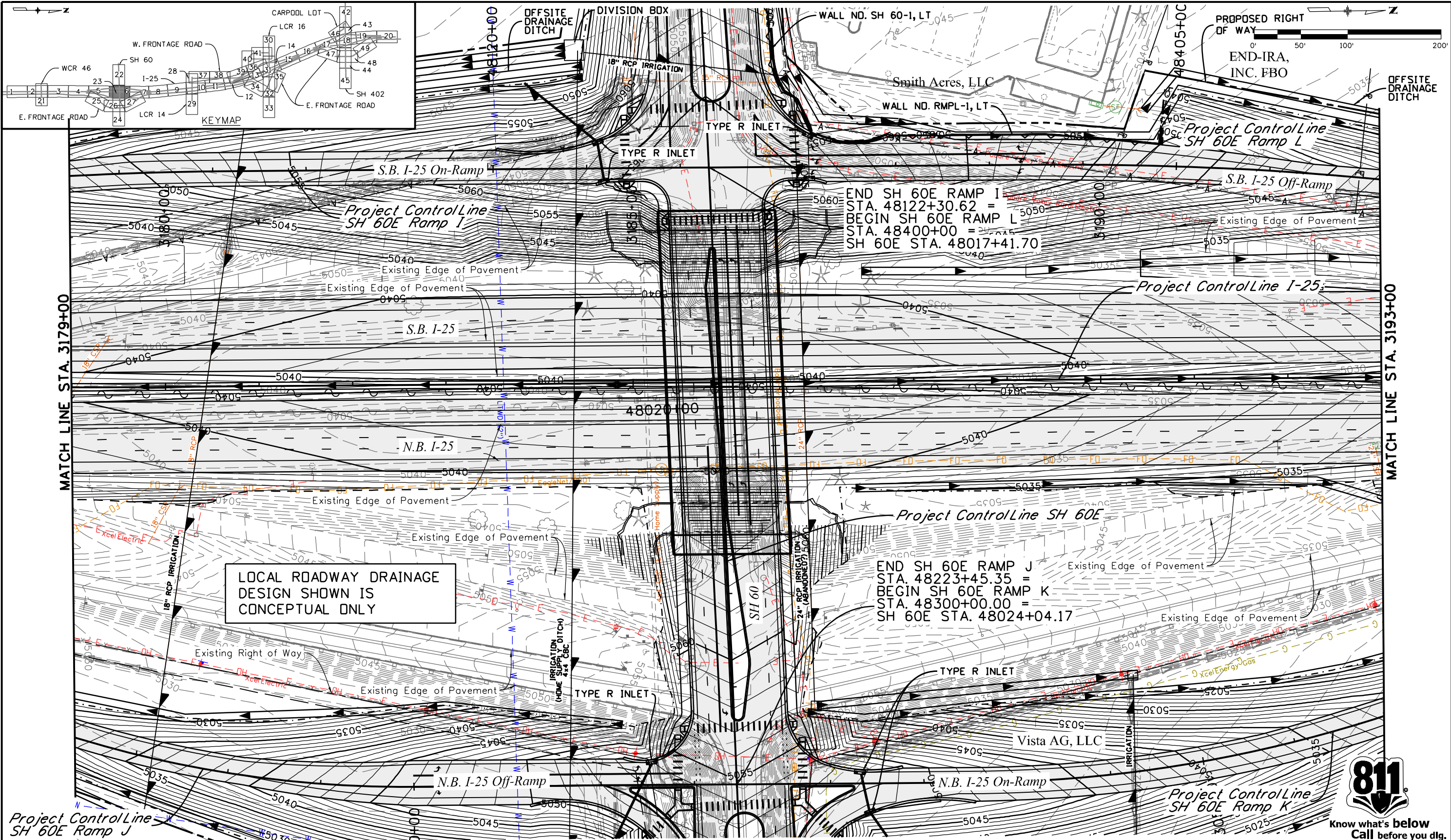
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Date:	Comments
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As Constructed	No Revisions:
Revised:	Void:

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Detailer: LMR	Subset Sheets: 5 of 49
Sheet Subset: DRAINAGE	

Project No./Code	IM 0253-220
Sheet Number	185




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Unit Information Unit Leader Initials	
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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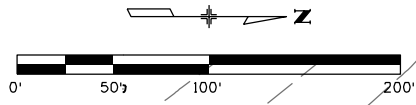
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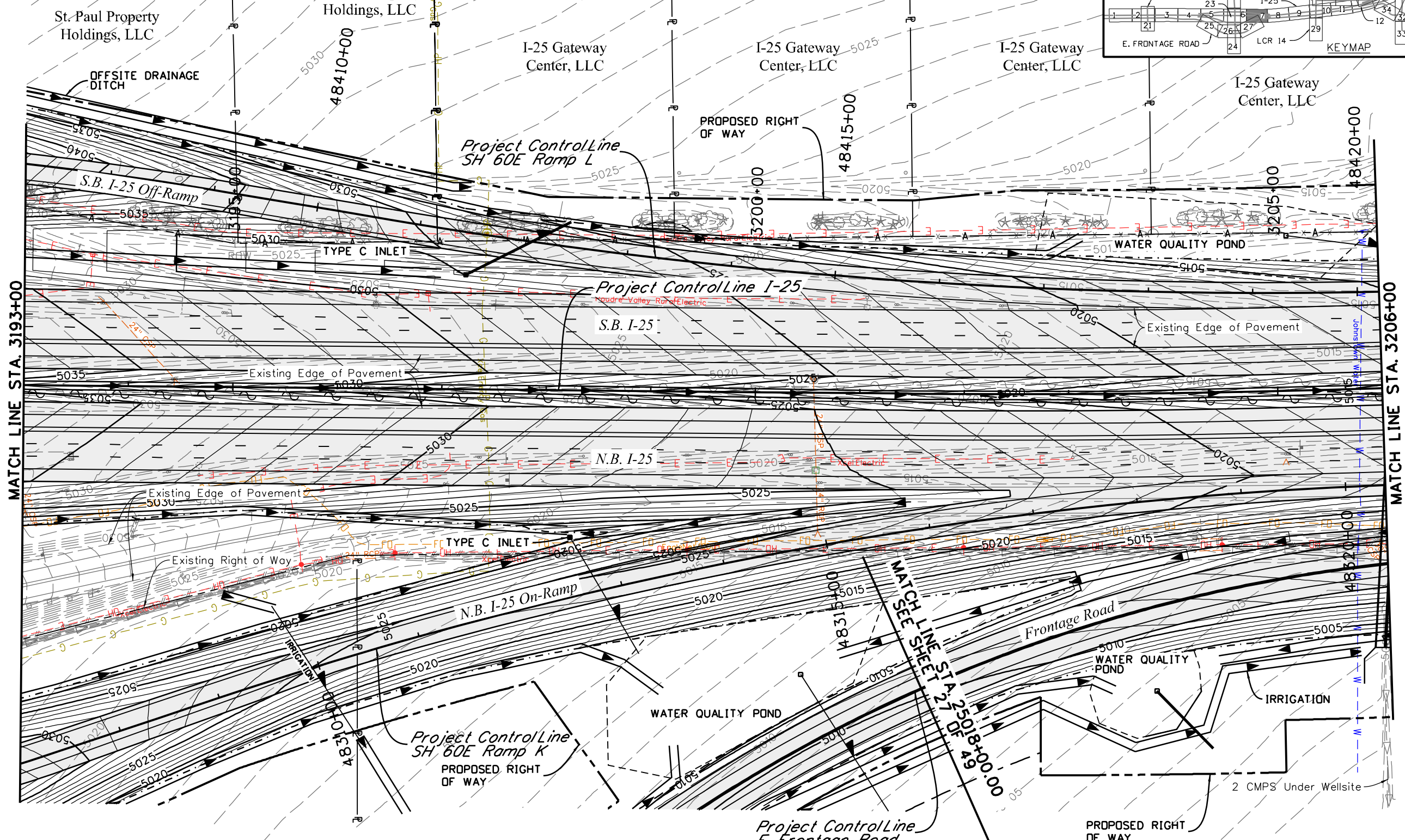
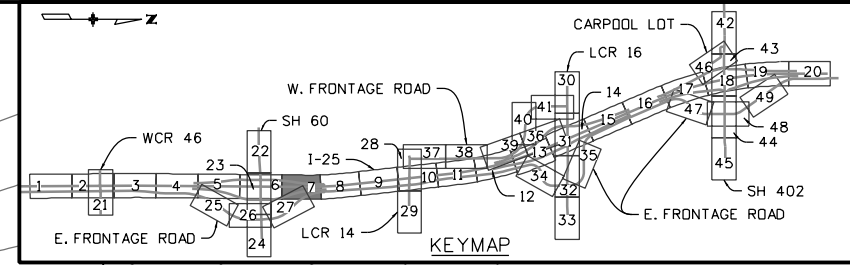
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Detailer:	LMR	Numbers	
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Project No./Code
IM 0253-220
18319
Sheet Number 186





LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY



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Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

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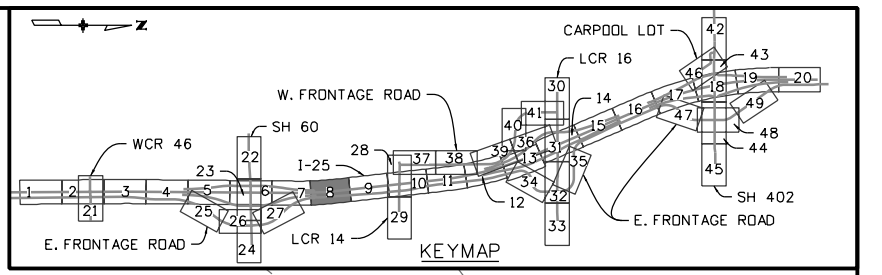
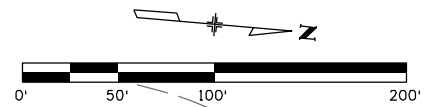
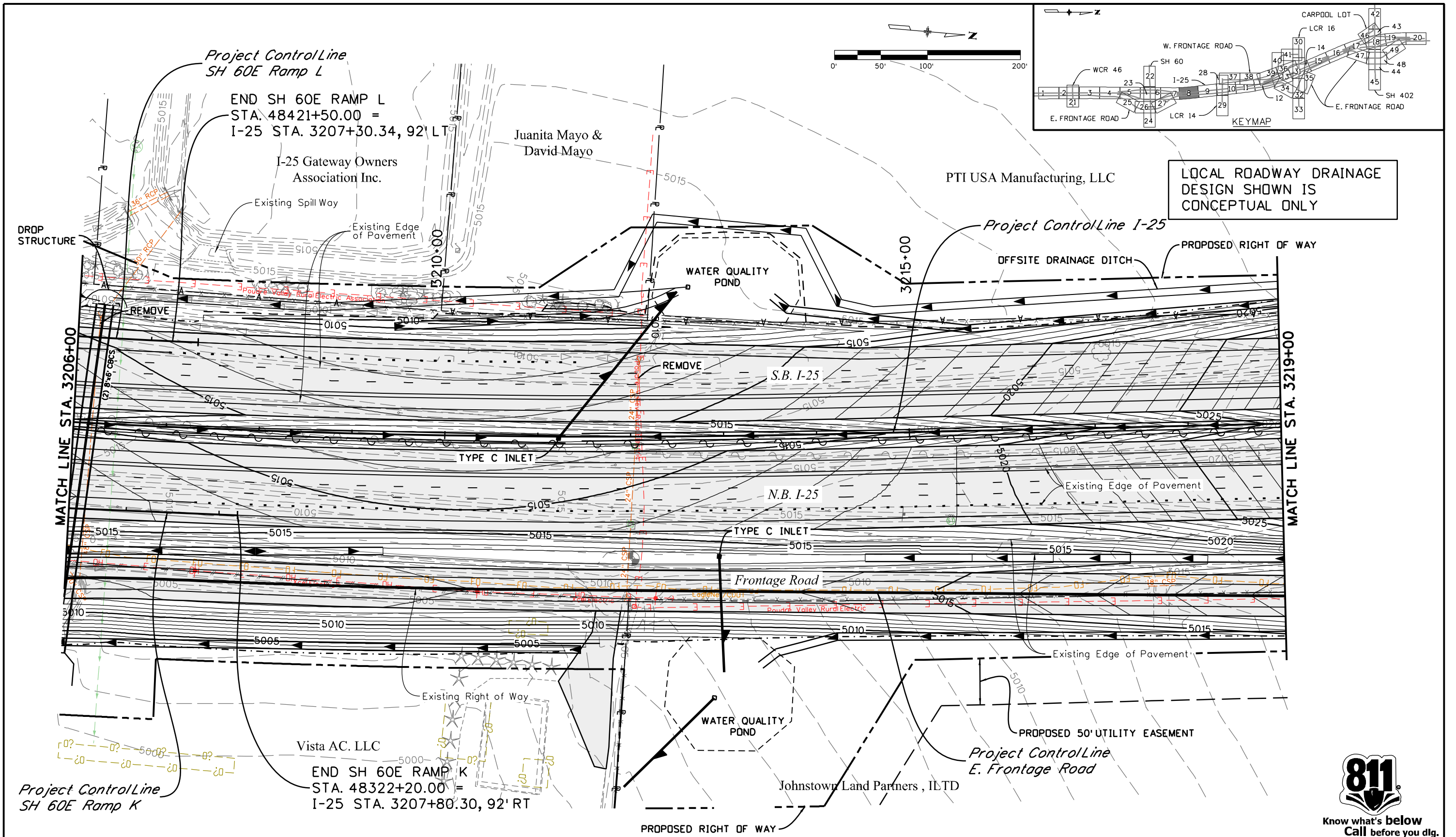
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Project No./Code	IM 0253-220
	18319
Sheet Number	187



Know what's below
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Unit Information Unit Leader Initials
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Sheet Revisions	
Date:	Comments
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 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

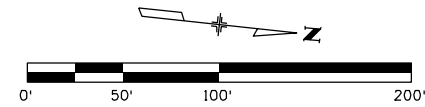
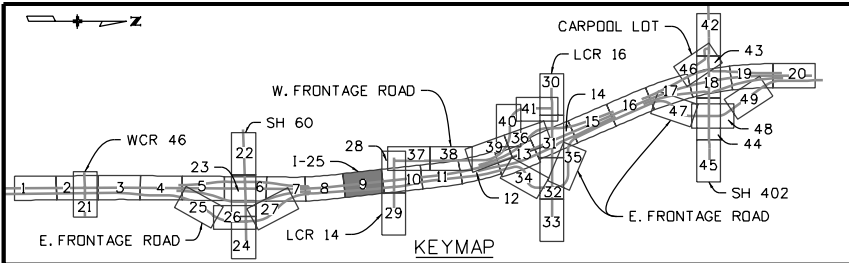
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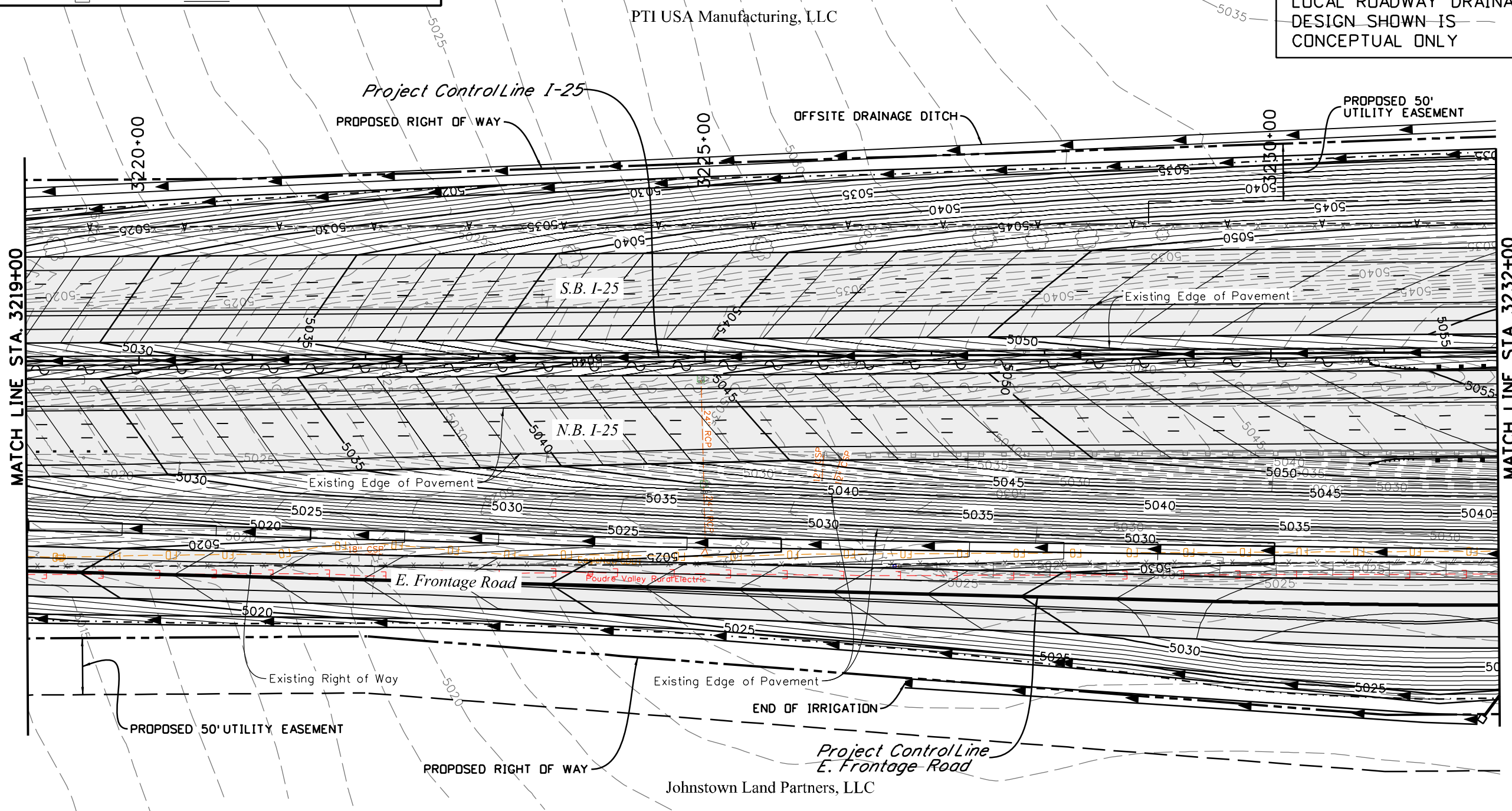
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	18319
Sheet Number	188



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LOCAL ROADWAY DRAINAGE
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MULLER ENGINEERING COMPANY	

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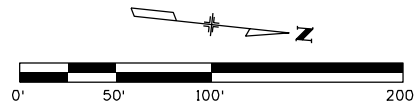
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Greeley, CO 80634
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Region 4 CJB

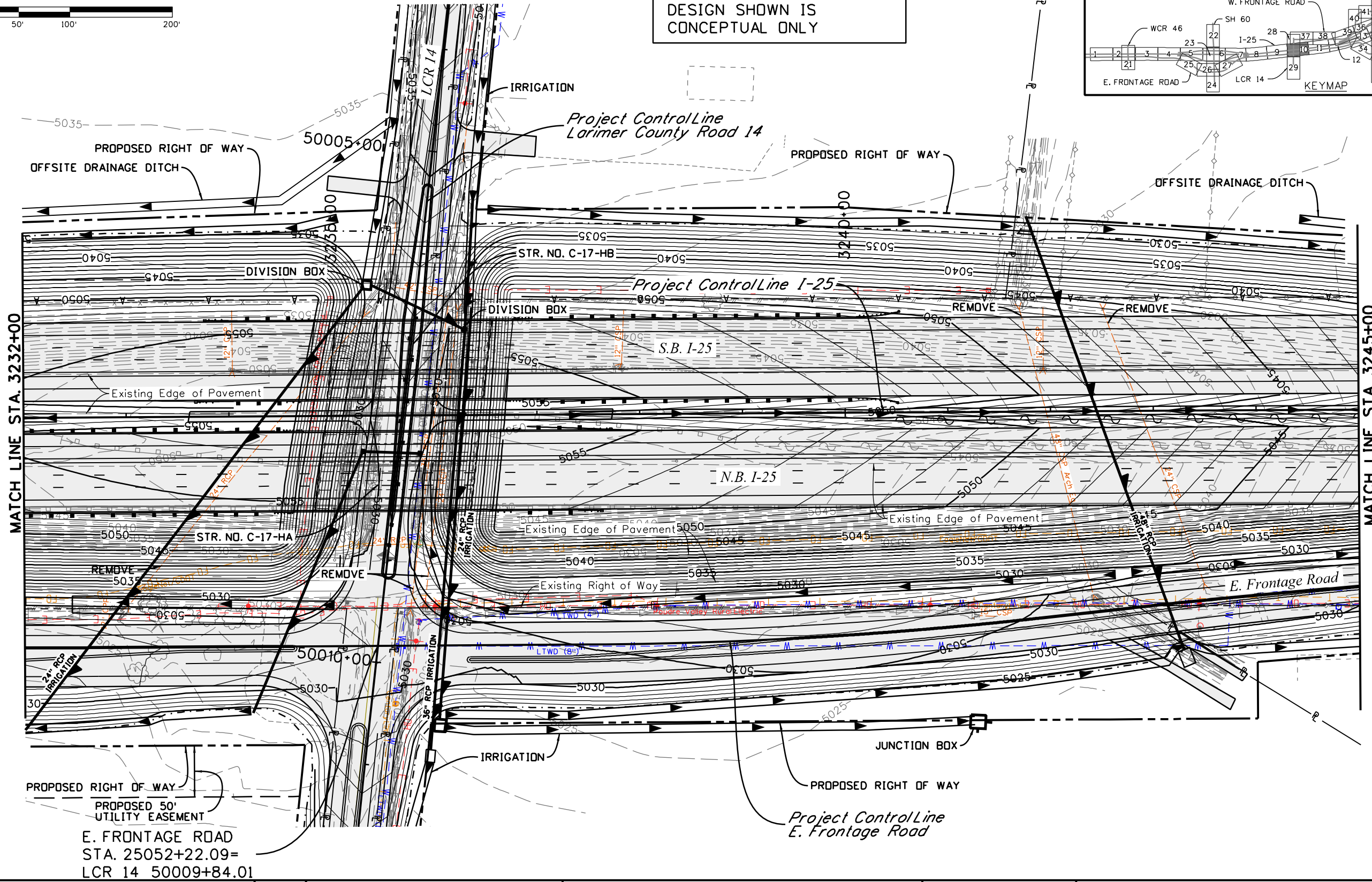
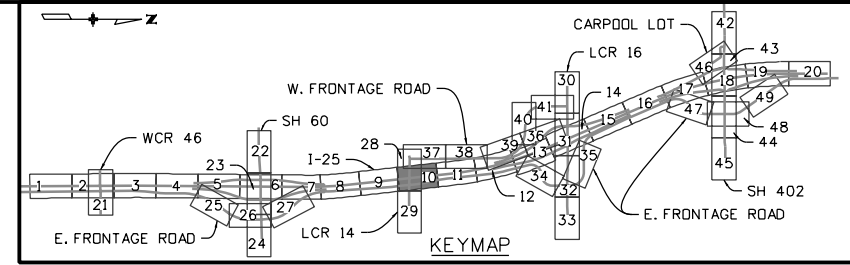
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Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	9 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	189



LOCAL ROADWAY DRAINAGE
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MATCH LINE STA. 3232+00

MATCH LINE STA. 3245+00

PROPOSED RIGHT OF WAY
PROPOSED 50'
UTILITY EASEMENT
E. FRONTAGE ROAD
STA. 25052+22.09=
LCR 14 50009+84.01

JUNCTION BOX
PROPOSED RIGHT OF WAY
Project Control Line
E. Frontage Road



Leah 3:20:54 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_125_DrainagePlan10.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8I CLR-UTIL Dark.tbl

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Unit Information Unit Leader Initials	
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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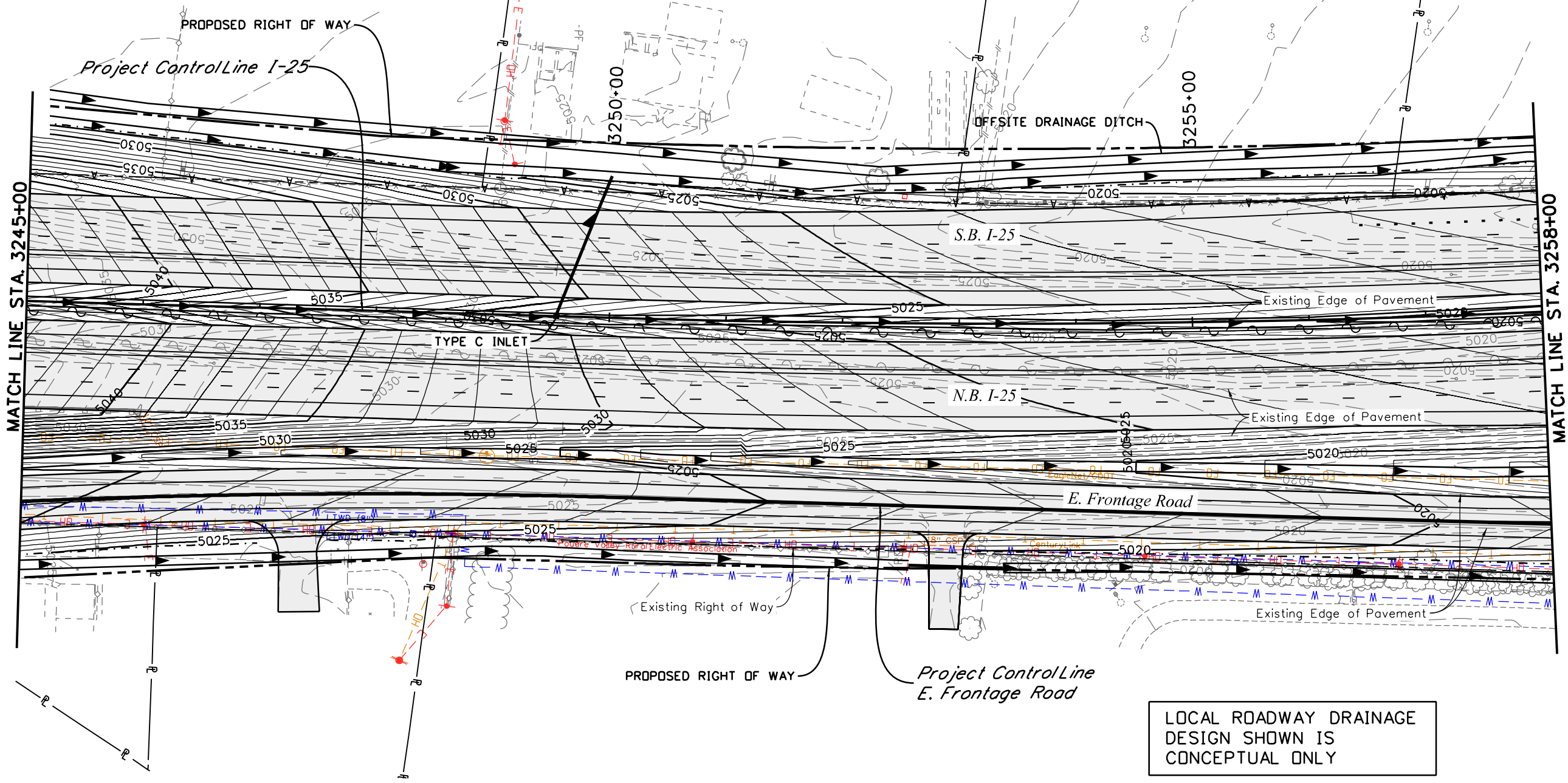
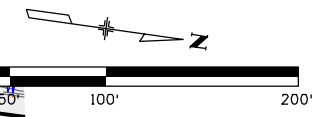
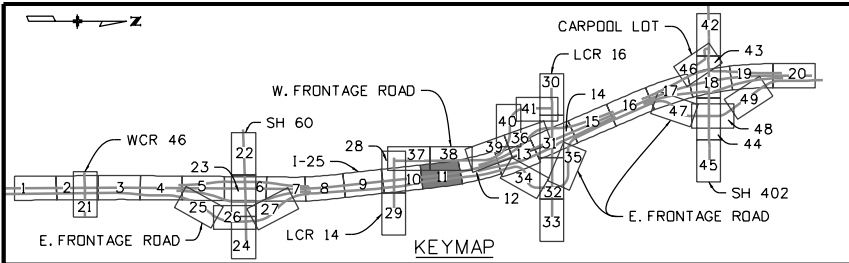
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Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 I-25 DRAINAGE AND IRRIGATION STA. 3232+00 TO STA. 3245+00			
Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	10 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 190



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Date:	Comments
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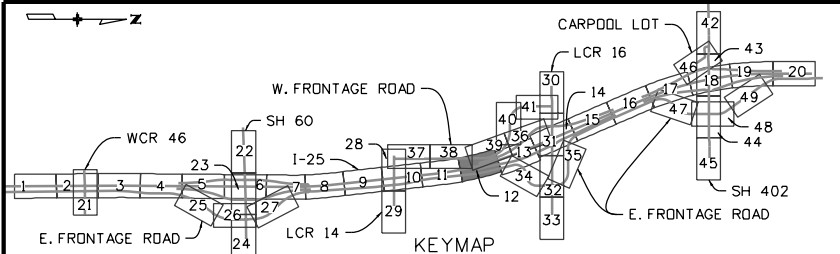
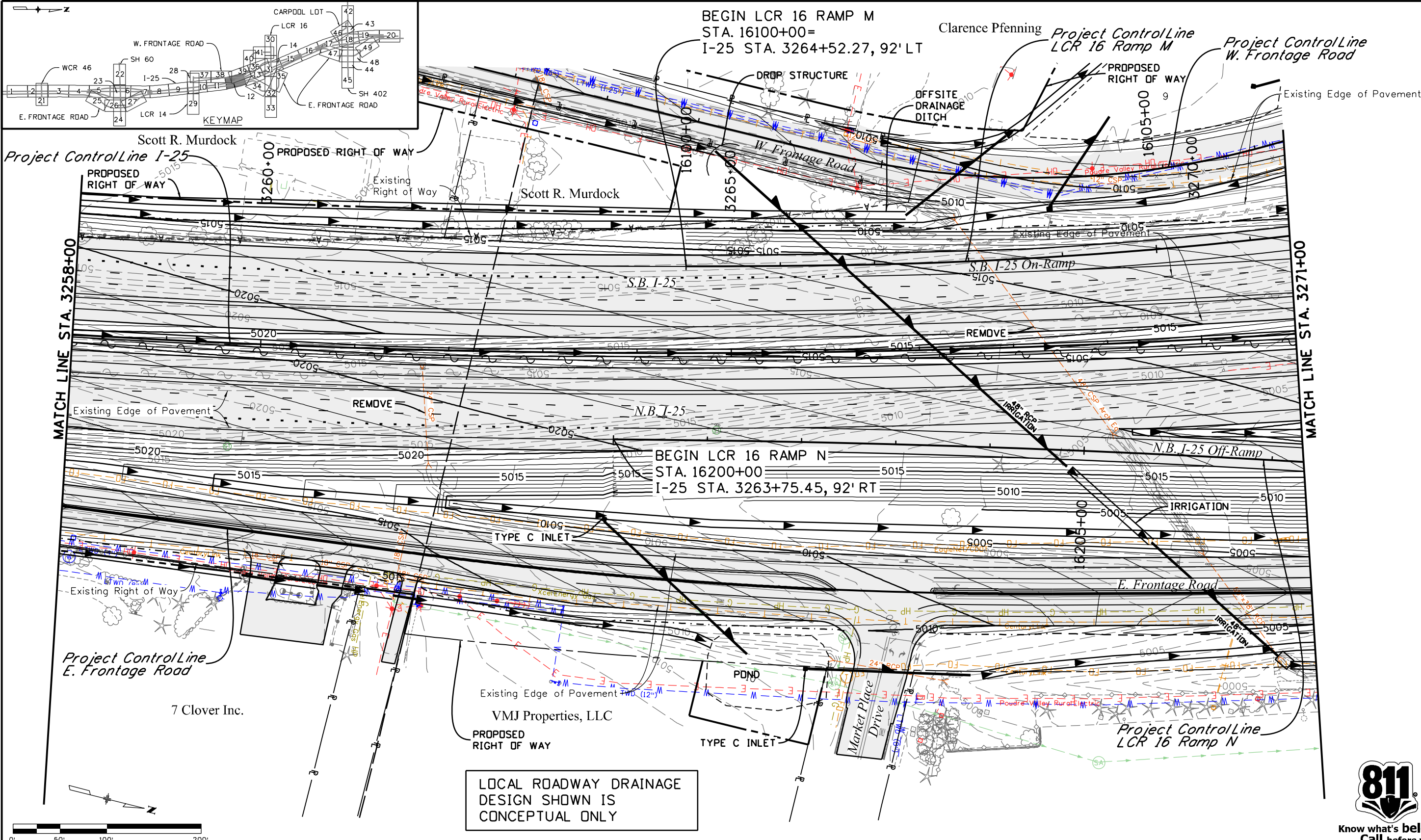
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

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Detailer:	LMR	
Sheet Subset: DRAINAGE	Subset Sheets:	11 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 191



BEGIN LCR 16 RAMP M
 STA. 16100+00=
 I-25 STA. 3264+52.27, 92' LT

Clarence Pfenning
 Project ControlLine
 LCR 16 Ramp M
 Project ControlLine
 W. Frontage Road

BEGIN LCR 16 RAMP N
 STA. 16200+00
 I-25 STA. 3263+75.45, 92' RT

LOCAL ROADWAY DRAINAGE
 DESIGN SHOWN IS
 CONCEPTUAL ONLY



Know what's below
 Call before you dig.

Leah 3:21:12 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319 Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_125_DrainagePlan12.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Dark.tbl

Print Date: 12/12/2016
 Drawing File Name: 18319HYDR_Seg6_125_DrainagePlan12.dgn
 Horiz. Scale: 1:100 Vert. Scale: As Noted
 Unit Information Unit Leader Initials

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation

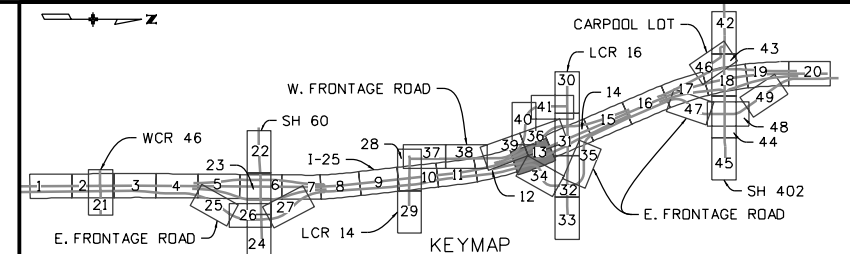
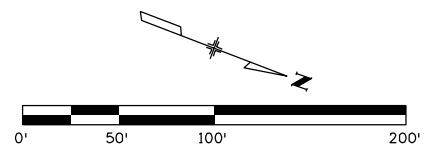
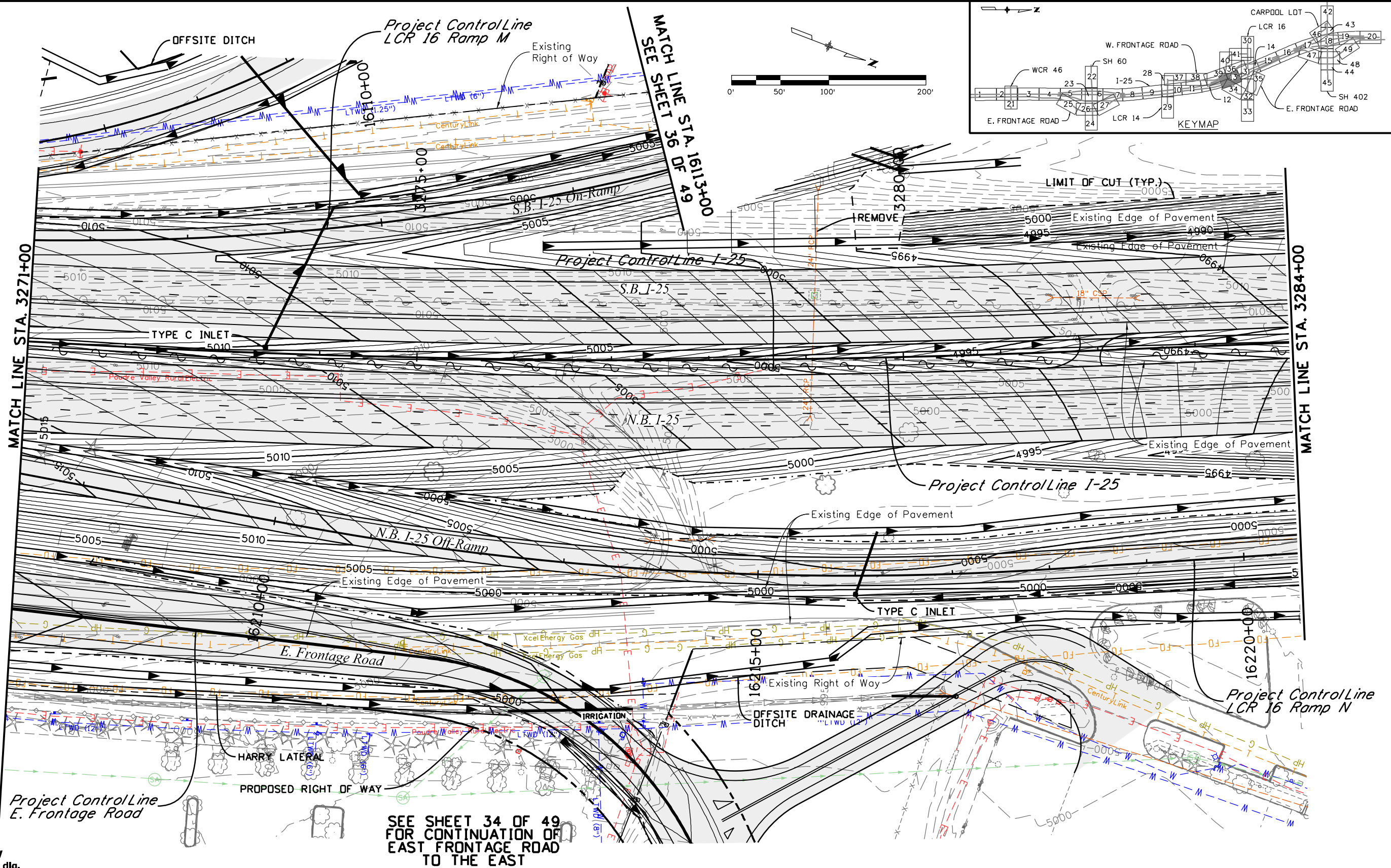
 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 I-25 DRAINAGE AND IRRIGATION STA. 3258+00 TO STA. 3271+00	
Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 12 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	192

Leah 3:21:21 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319 Ultimate Hydraulics Drawings\I-25 Segment 6\18319HYDR_Seg6_I25_DrainagePlan13.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8I CLR-UTIL Dark.tbl



Know what's below
Call before you dig.

Project Control Line
E. Frontage Road

SEE SHEET 34 OF 49
FOR CONTINUATION OF
EAST FRONTAGE ROAD
TO THE EAST

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_I25_DrainagePlan13.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation

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Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

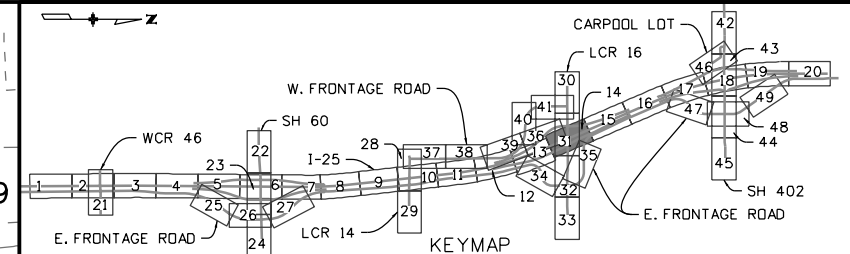
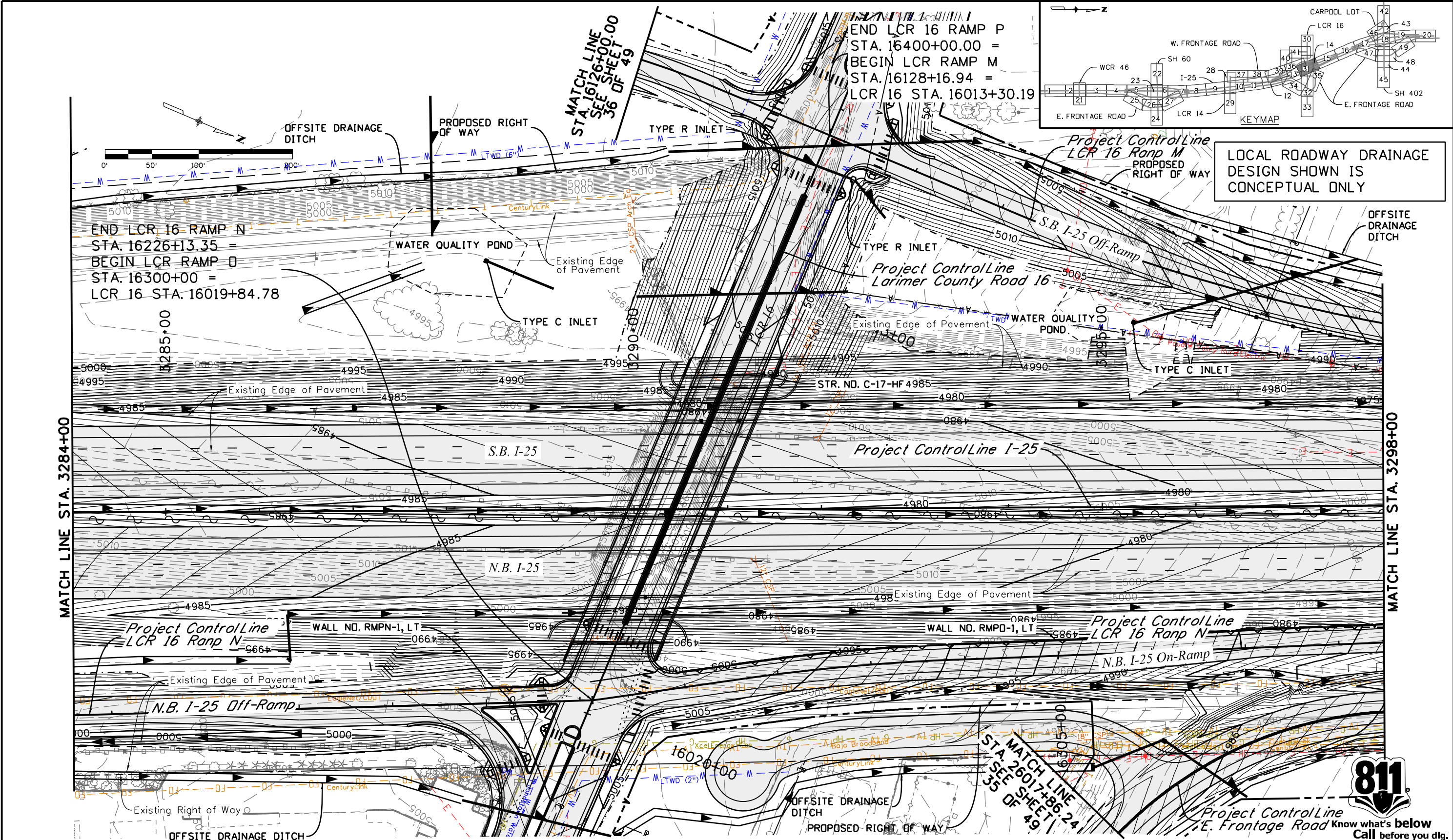
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 I-25 DRAINAGE AND IRRIGATION STA. 3271+00 TO STA. 3284+00	
Designer: CRR	Structure Numbers
Detailer: LMR	Subset Sheets: 13 of 49

Project No./Code	IM 0253-220
Sheet Number	193

Leah 3:21:31 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4 18319 Ultimate Hydraulics Drawings\I-25 Segment 6\18319HYDR_Seg6_125_DrainagePlan14.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Dark.tbl



LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY

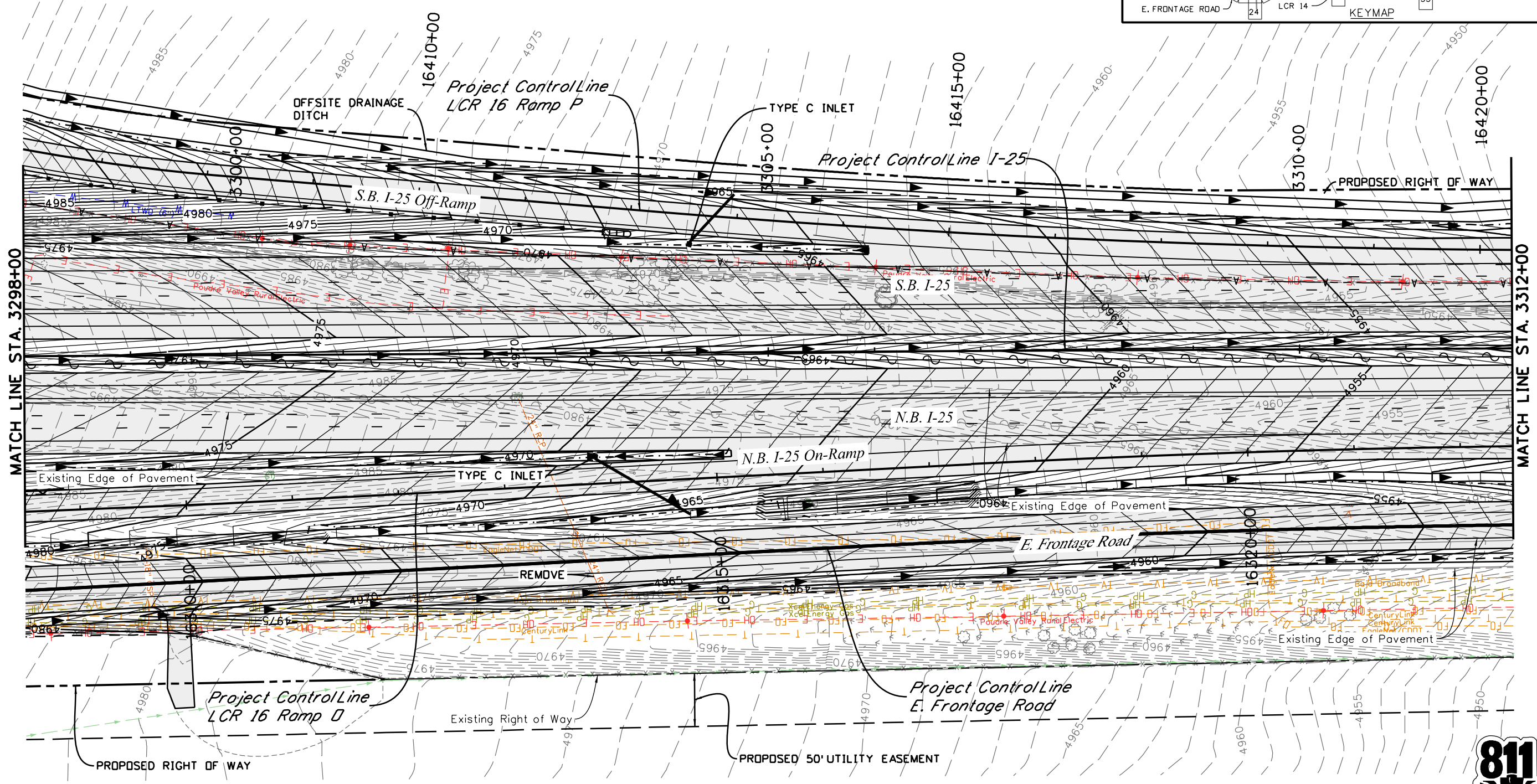
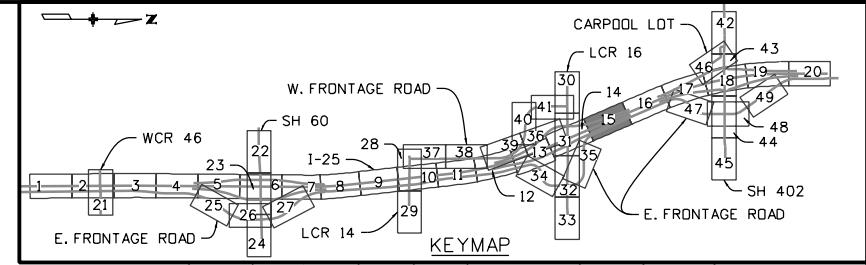
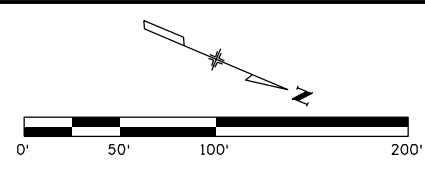
Match Line STA. 26017+86.24 SEE SHEET 35 DF 49



Know what's below Call before you dig.

Print Date: 12/12/2016 Drawing File Name: 18319HYDR_Seg6_125_DrainagePlan14.dgn Horiz. Scale: 1:100 Unit Information: Muller Engineering Company	0000 20% SUBMITTAL	Sheet Revisions Date: Comments: Init.:	Colorado Department of Transportation 10601 W. 10th Street Greeley, CO 80634 Phone: 970-350-2322 FAX: 970-350-2181 Region 4 CJB	As Constructed No Revisions: Revised: Void:	I-25 FROM N/O SH 56 TO N/O SH 402 I-25 DRAINAGE AND IRRIGATION STA. 3284+00 TO STA. 3298+00 Designer: RKZ Detailer: LMR Sheet Subset: DRAINAGE Subset Sheets: 14 of 49	Project No./Code IM 0253-220 18319 Sheet Number 194
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LOCAL ROADWAY DRAINAGE
DESIGN SHOWN IS
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Leah 3:21:42 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_I25_DrainagePlan15.dgn
12/12/2016 CDDT-DefaultPrinter_V8i.plt.ctb CDDT V8I CLR-UTIL Dark.tbl



Know what's below
Call before you dig.

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_I25_DrainagePlan15.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation

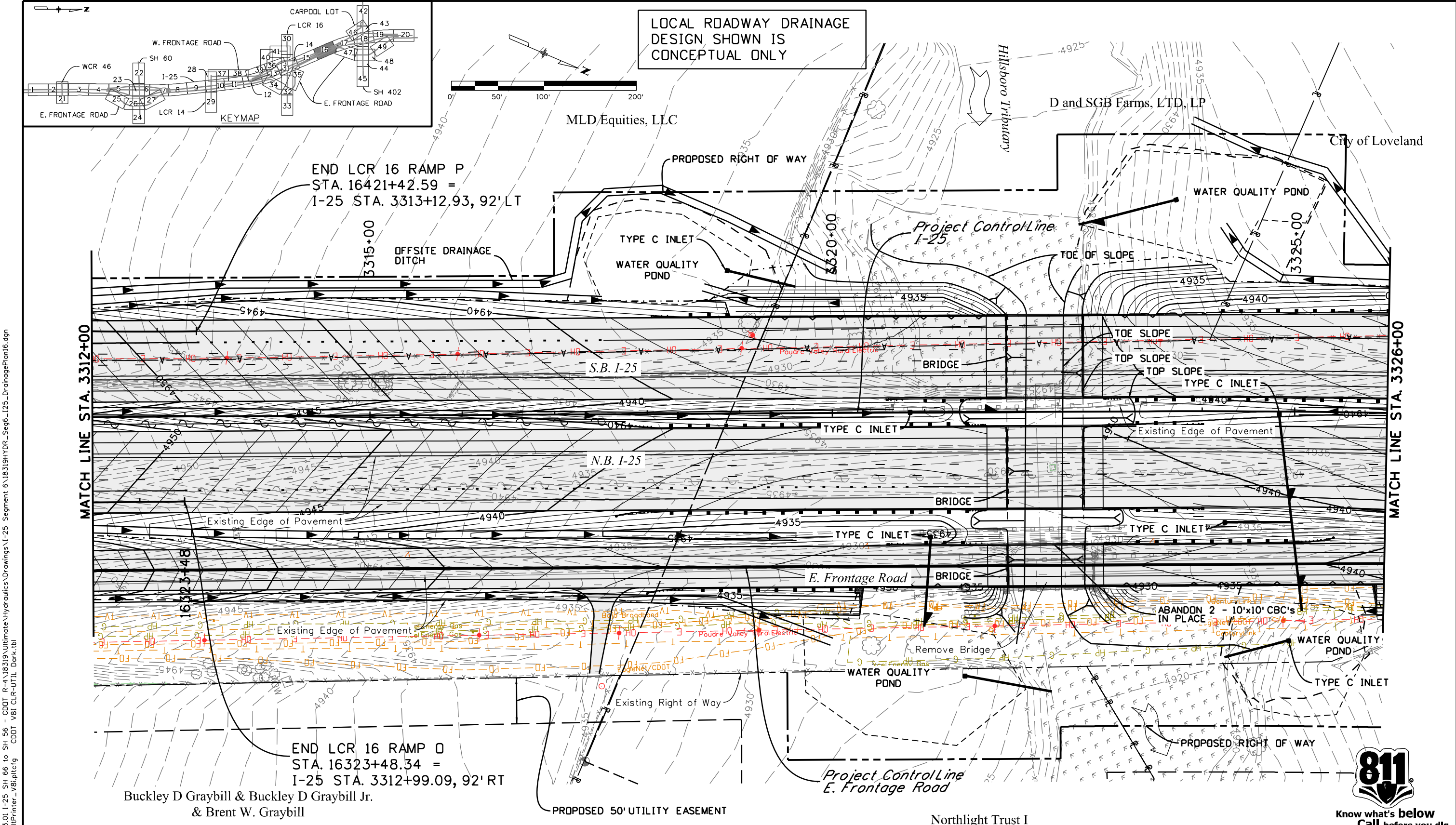
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

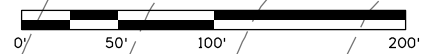
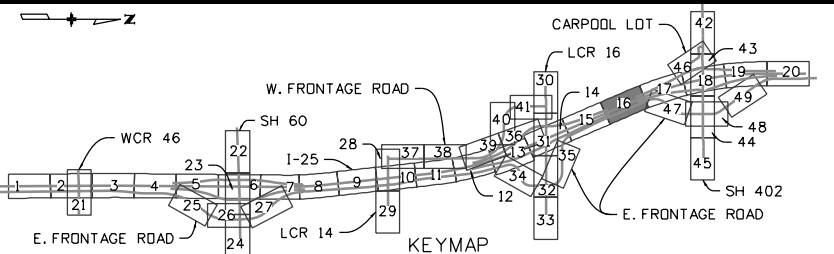
As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 I-25 DRAINAGE AND IRRIGATION STA. 3298+00 TO STA. 3312+00	
Designer: CRR	Structure Numbers
Detailer: LMR	Subset Sheets: 15 of 49

Project No./Code	IM 0253-220
Sheet Number	195



LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY



Leah 3:21:51 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate Hydraulics Drawings\I-25 Segment 6\18319HYDR_Seg6_I25_DrainagePlan16.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Dark.tb

MATCH LINE STA. 3312+00

MATCH LINE STA. 3326+00

END LCR 16 RAMP P
STA. 16421+42.59 =
I-25 STA. 3313+12.93, 92' LT

END LCR 16 RAMP D
STA. 16323+48.34 =
I-25 STA. 3312+99.09, 92' RT

Buckley D Graybill & Buckley D Graybill Jr.
& Brent W. Graybill



Know what's below
Call before you dig.

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_I25_DrainagePlan16.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation

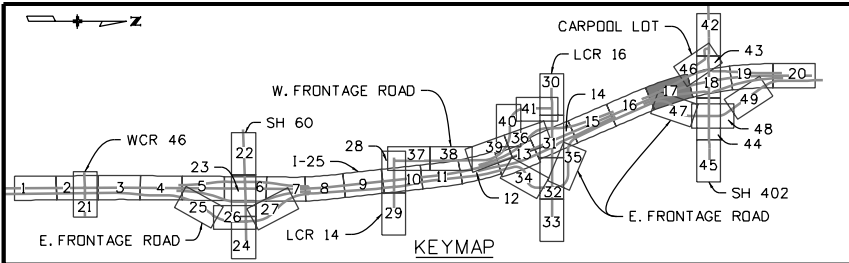
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

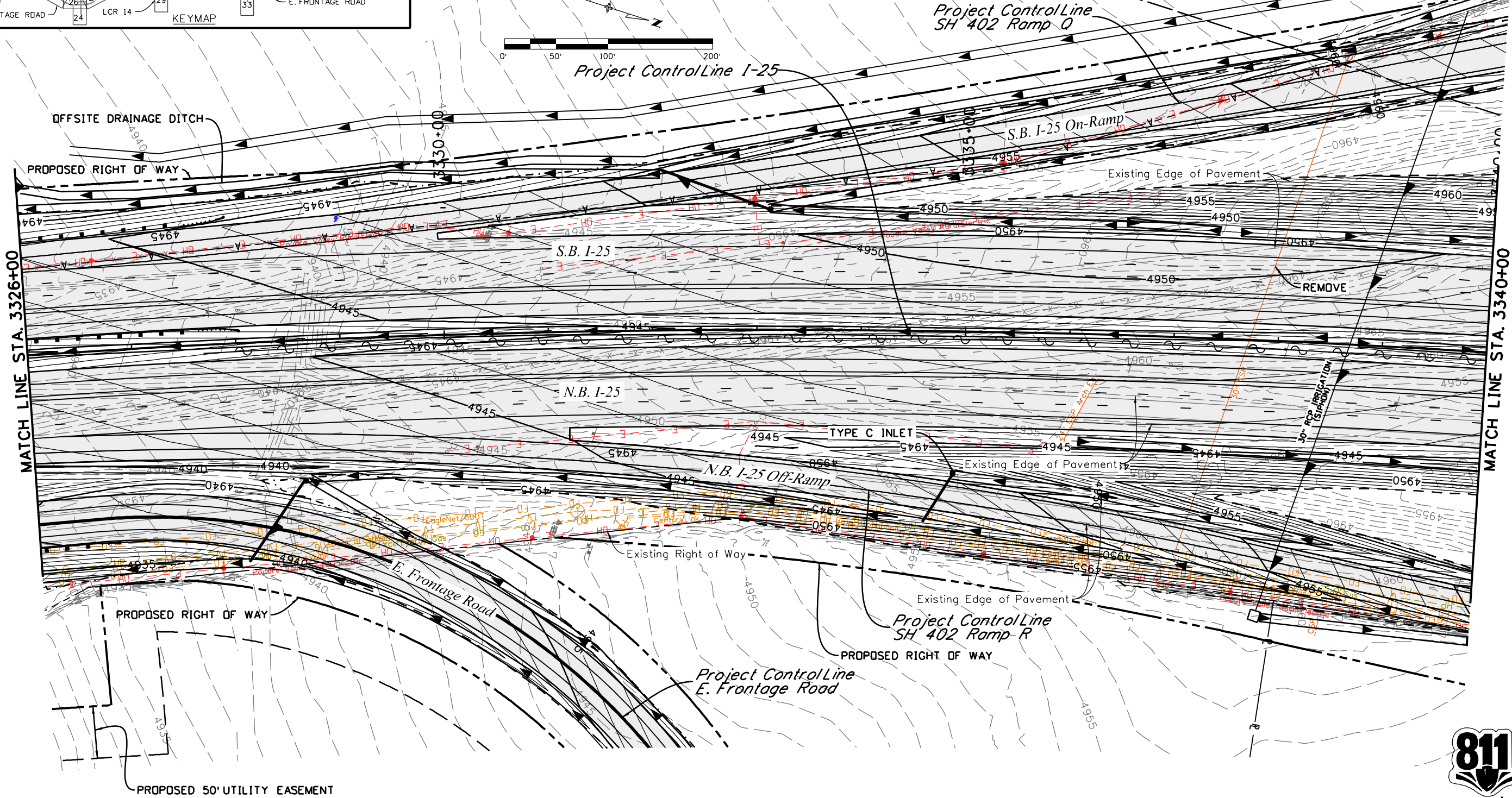
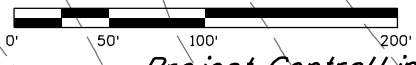
As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 I-25 DRAINAGE AND IRRIGATION STA. 3312+00 TO STA. 3326+00			
Designer:	CRR	Structure Numbers	
Detailer:	LMR	Sheet Subset:	DRAINAGE
Subset Sheets:		16 of 49	

Project No./Code	IM 0253-220
Sheet Number	196



LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY



Leah 3:22:01 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319 Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_125_DrainagePlan17.dgn
12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8I CLR-UTIL Dark.tbl



Know what's below
Call before you dig.

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_125_DrainagePlan17.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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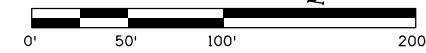
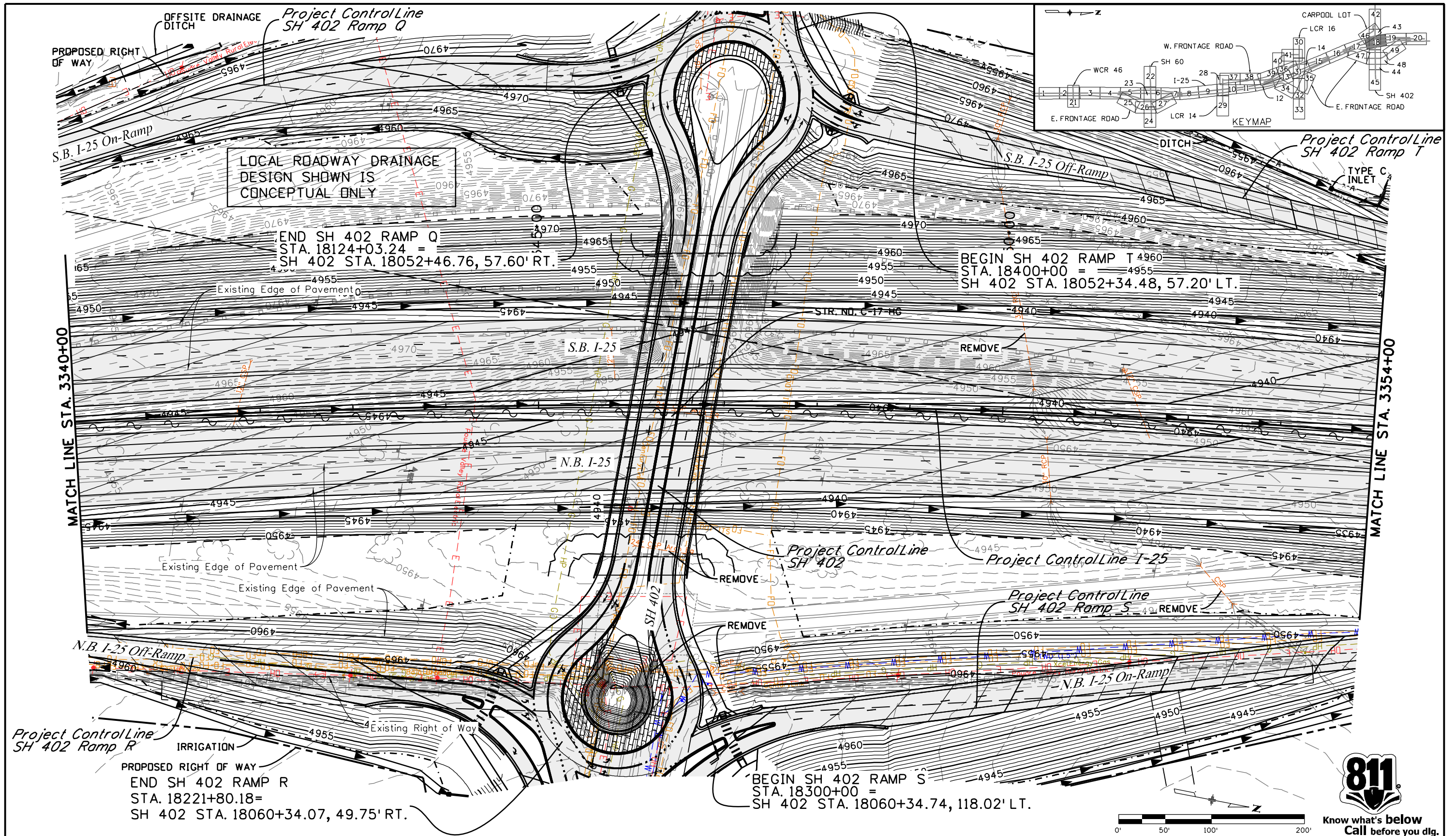
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

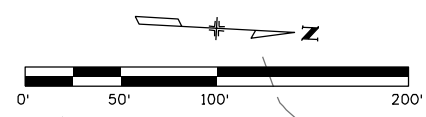
I-25 FROM N/O SH 56 TO N/O SH 402 I-25 DRAINAGE AND IRRIGATION STA. 3326+00 TO STA. 3340+00			
Designer:	CRR	Structure Numbers	
Detailer:	LMR	Subset Sheets:	17 of 49
Sheet Subset:	DRAINAGE		

Project No./Code	IM 0253-220
Sheet Number	197

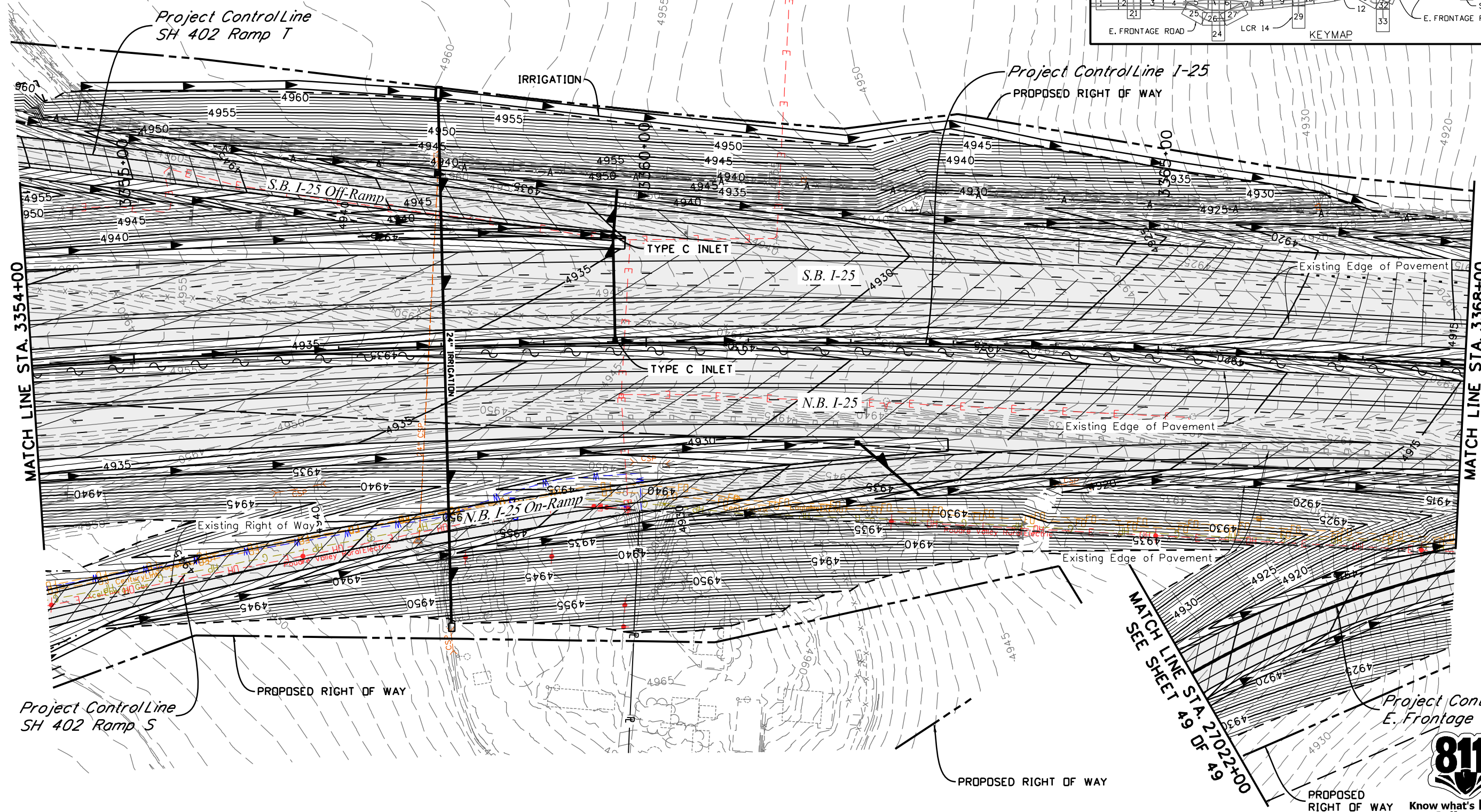
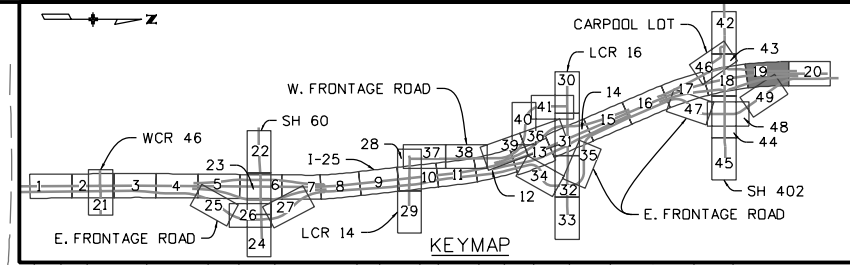
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 12/12/2016 CDDT-DefaultPrinter_V8i.plt clog CDDT V8I CLR-UTIL Dark.tbl



Print Date: 12/12/2016		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 FROM N/O SH 56 TO N/O SH 402		Project No./Code	
Drawing File Name: 18319HYDR_Seg6_I25_DrainagePlan18.dgn		Date:	Comments	10601 W. 10th Street Greeley, CO 80634 Phone: 970-350-2322 FAX: 970-350-2181		No Revisions:		I-25 DRAINAGE AND IRRIGATION		IM 0253-220	
Horiz. Scale: 1:100 Vert. Scale: As Noted		<div style="font-size: 2em; font-weight: bold; opacity: 0.5;">20% SUBMITTAL</div>		Region 4 CJB		Revised:		STA. 3340+00 TO STA. 3354+00		18319	
Unit Information Unit Leader Initials						Void:		Designer: CRR Structure Numbers Detailer: LMR		Sheet Subset: DRAINAGE Subset Sheets: 18 of 49	



LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY



Leah 3:22:21 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319 Ultimate Hydraulics Drawings\I-25 Segment 6\18319HYDR_Seg6_125_DrainagePlan19.dgn
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Drawing File Name: 18319HYDR_Seg6_125_DrainagePlan19.dgn	
Horiz. Scale: 1:100 Vert. Scale: As Noted	
Unit Information Unit Leader Initials	

Sheet Revisions	
Date:	Comments

Colorado Department of Transportation

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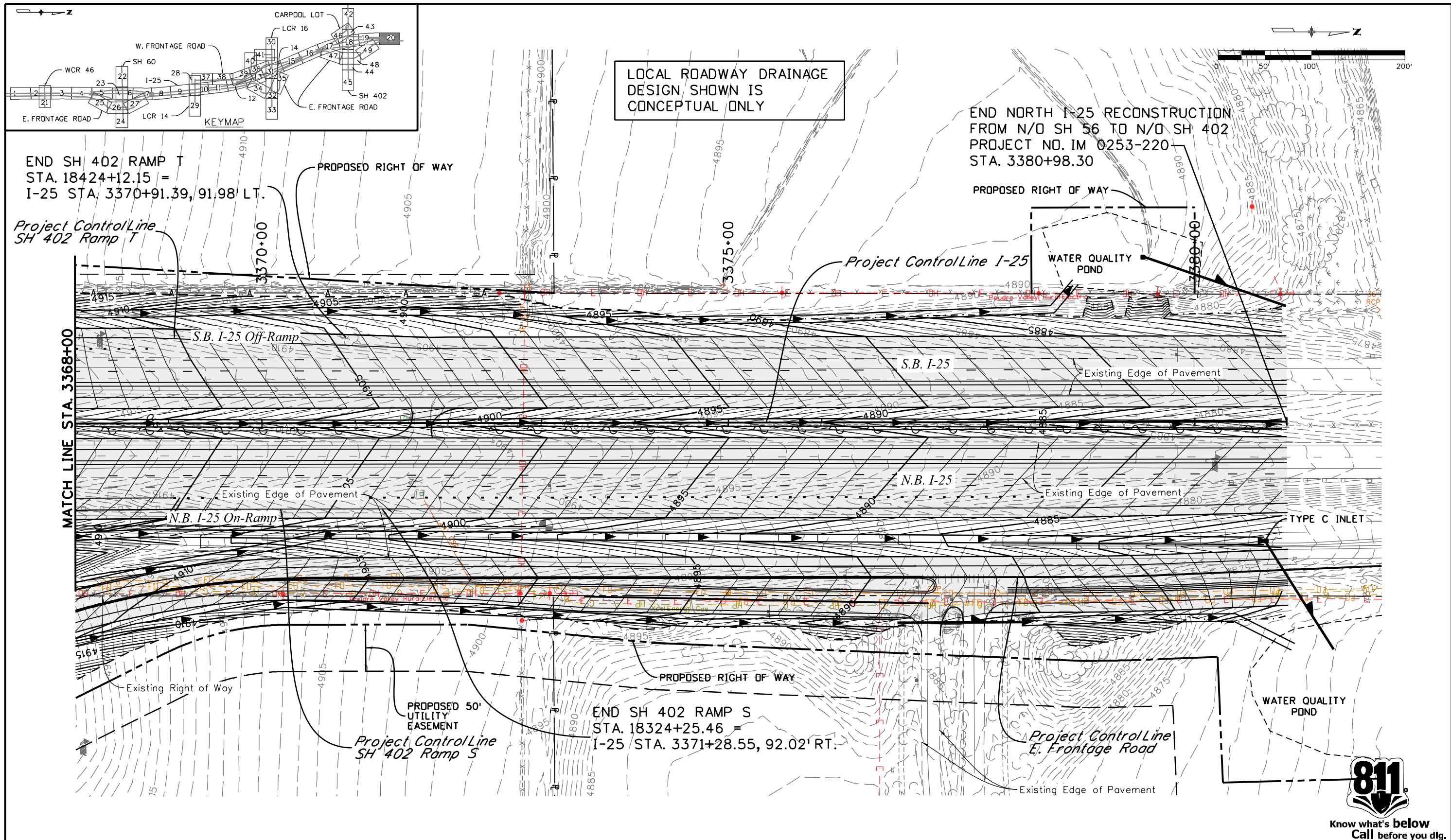
Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 I-25 DRAINAGE AND IRRIGATION STA. 3354+00 TO STA. 3388+00			
Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	19 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 199


Leah 3:22:30 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_125_DrainagePlan20.dgn
12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Dark.tbl



Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_125_DrainagePlan20.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation



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Region 4 CJB

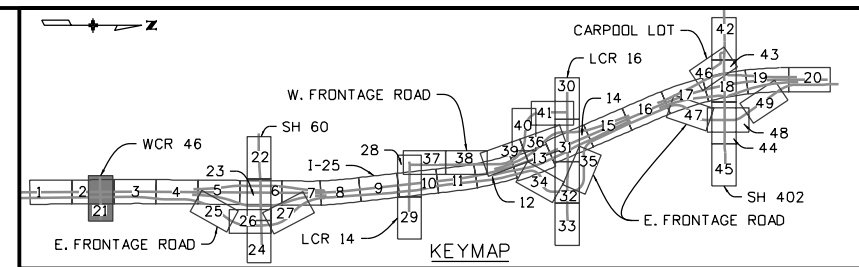
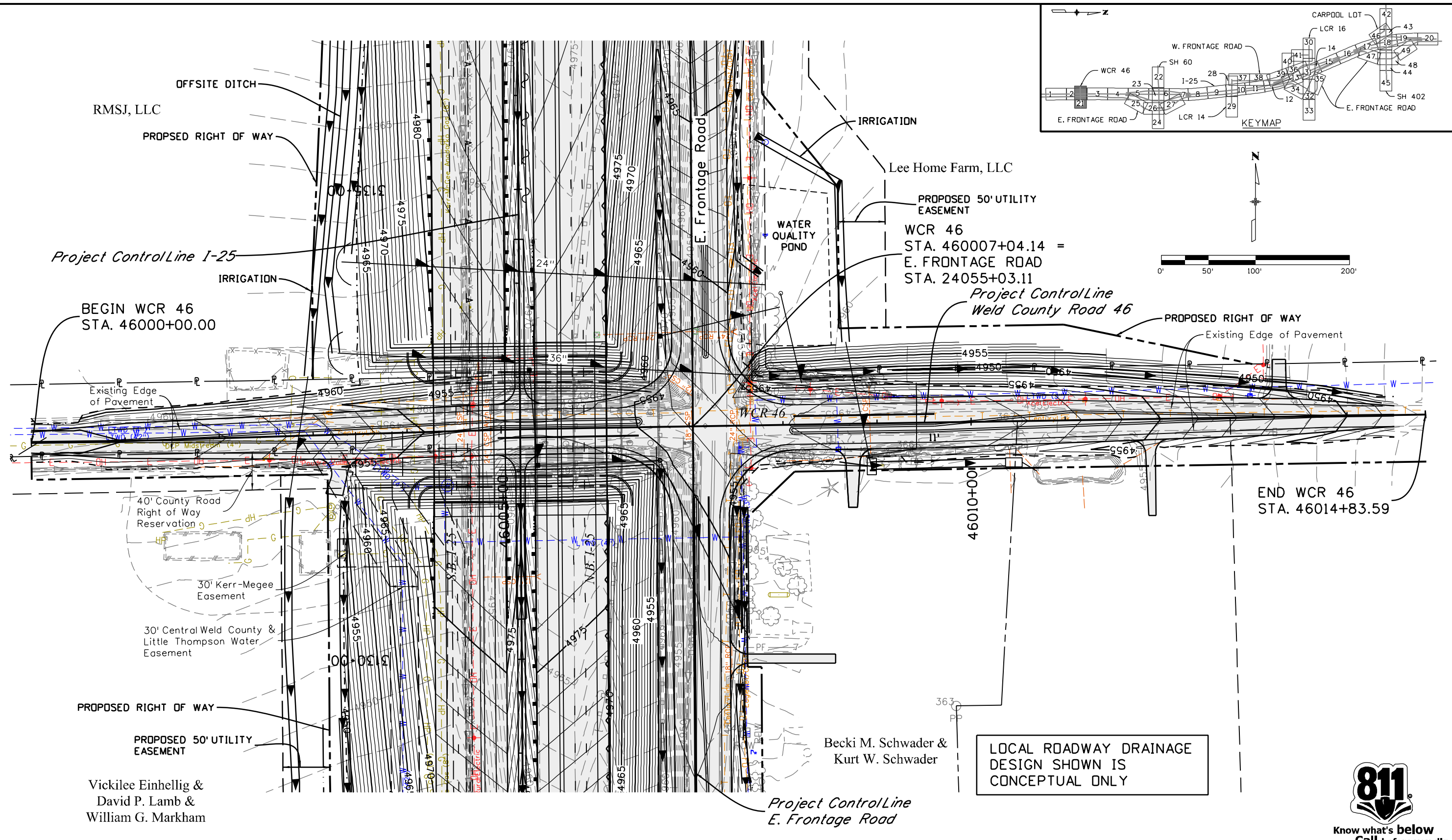
As Constructed	No Revisions:
Revised:	Void:

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Designer: CRR	Structure Numbers
Detailer: LMR	Sheet Subset: DRAINAGE
Subset Sheets: 20 of 49	

Project No./Code	IM 0253-220
Sheet Number	200



Leah 3:22:39 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_WCR46_DrainagePlan01.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8I CLR-UTIL Dark.tbl




LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY



Print Date: 12/12/2016
Drawing File Name: 18319HYDR_Seg6_WCR46_DrainagePlan01.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation



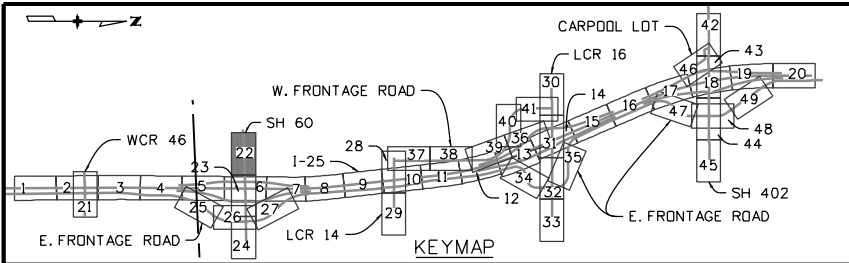
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

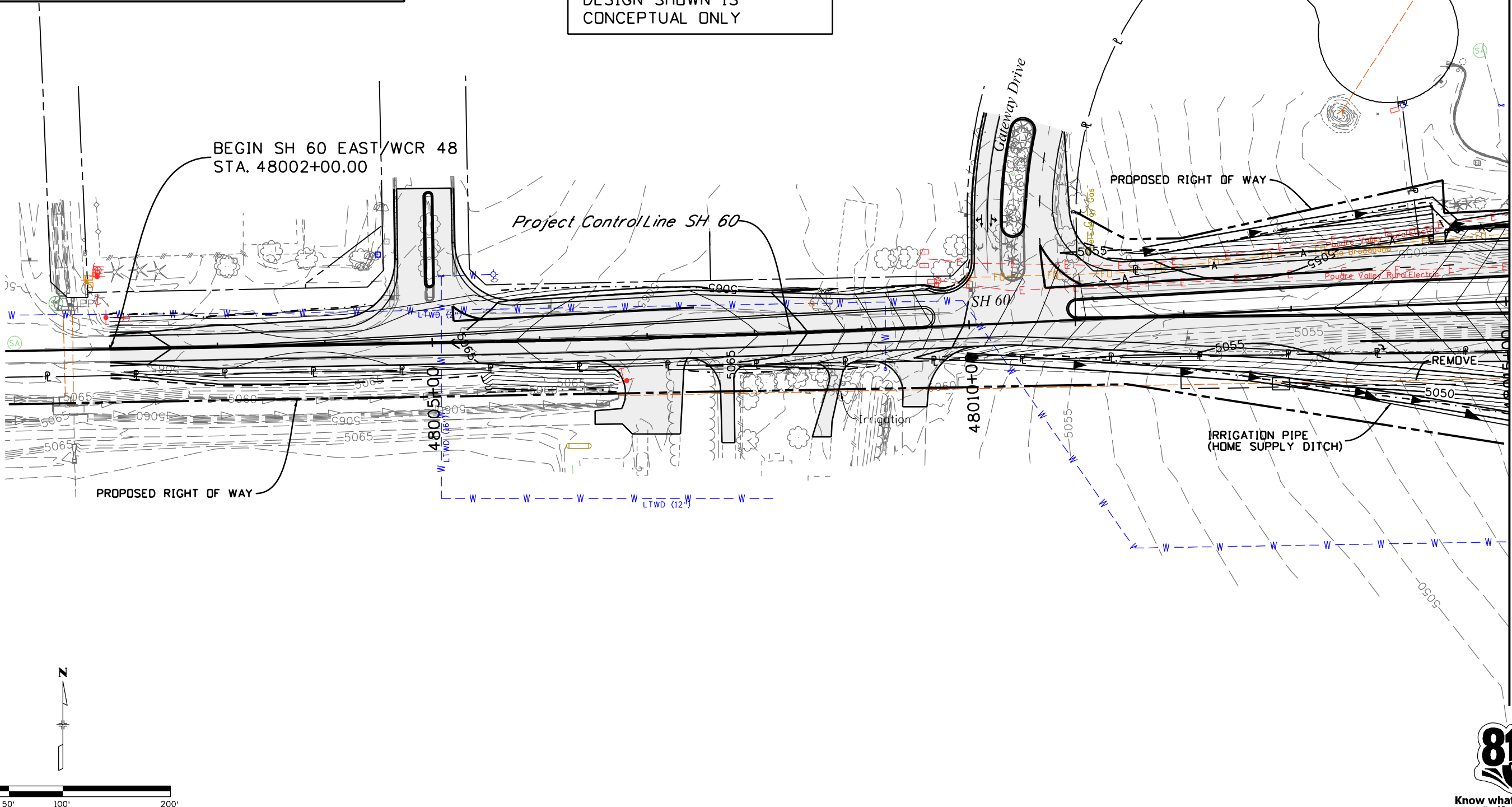
As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402
WCR 46 DRAINAGE AND IRRIGATION
Designer: CRR
Detailer: LMR
Structure Numbers
Sheet Subset: DRAINAGE
Subset Sheets: 21 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 201

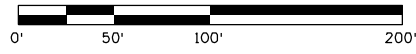


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MATCH LINE STA. 48015+00

Leah 3:22:48 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_SH60_DrainagePlan01.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8I CLR-UTIL Dark.tbl




Know what's below
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Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_SH60_DrainagePlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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Greeley, CO 80634
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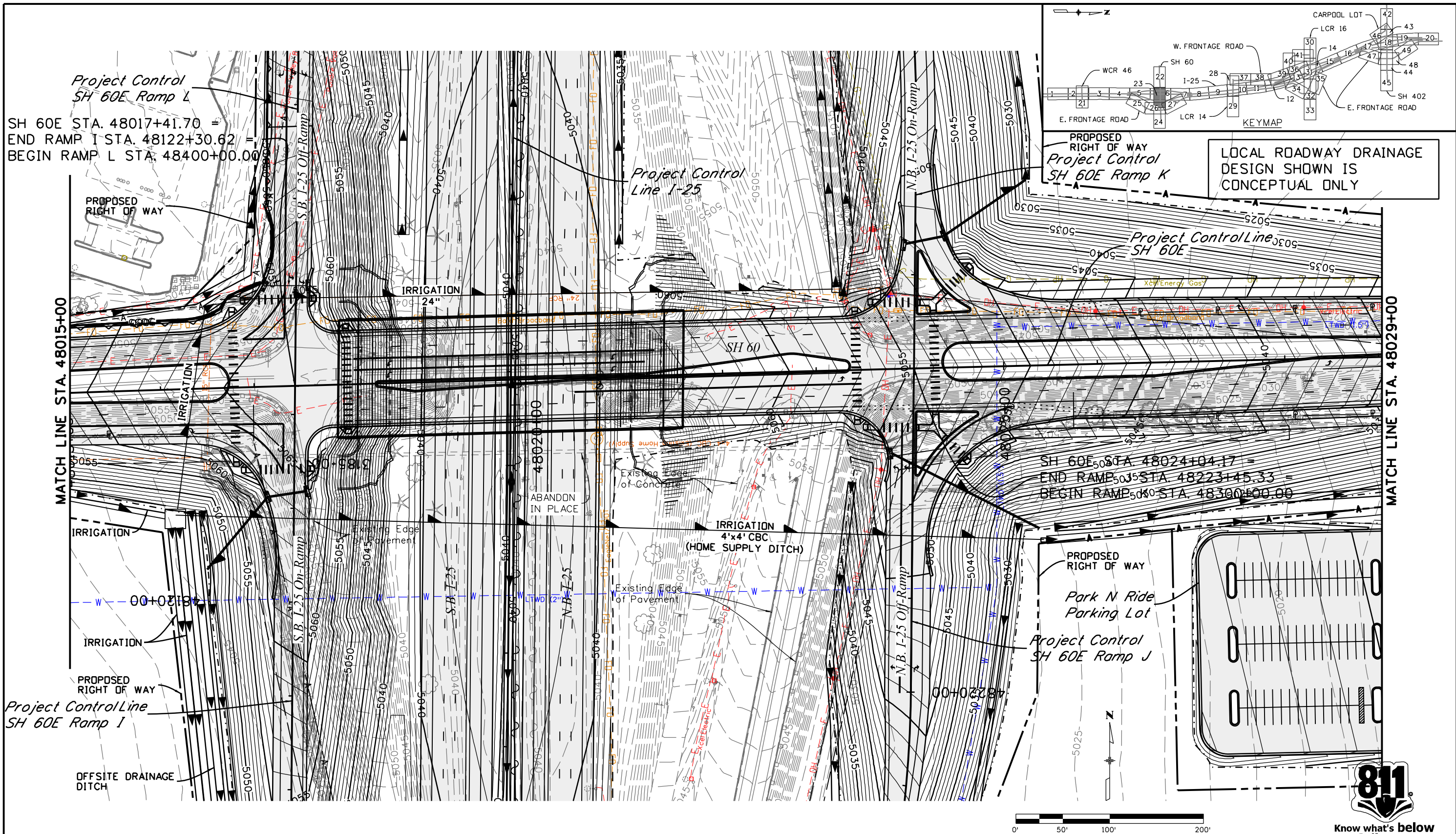
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 SH 60 EAST / WCR 48 DRAINAGE AND IRRIGATION STA. 48001+00 TO STA. 48015+00	
Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 22 of 49


Project No./Code	IM 0253-220
Sheet Number	202

Leah 3:22:57 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_SH60_DrainagePlan02.dgn
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Print Date: 12/12/2016
 Drawing File Name: 18319HYDR_Seg6_SH60_DrainagePlan02.dgn
 Horiz. Scale: 1:100 Vert. Scale: As Noted
 Unit Information Unit Leader Initials
MULLER
 ENGINEERING COMPANY

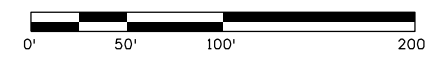
Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation

 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed
 No Revisions:
 Revised:
 Void:

I-25 FROM N/O SH 56 TO N/O SH 402
 SH 60 EAST / WCR 48 DRAINAGE AND IRRIGATION
 STA. 48015+00 TO STA. 48029+00
 Designer: CRR
 Detailer: LMR
 Sheet Subset: DRAINAGE Subset Sheets: 23 of 49

Project No./Code
 IM 0253-220
 18319
 Sheet Number 203



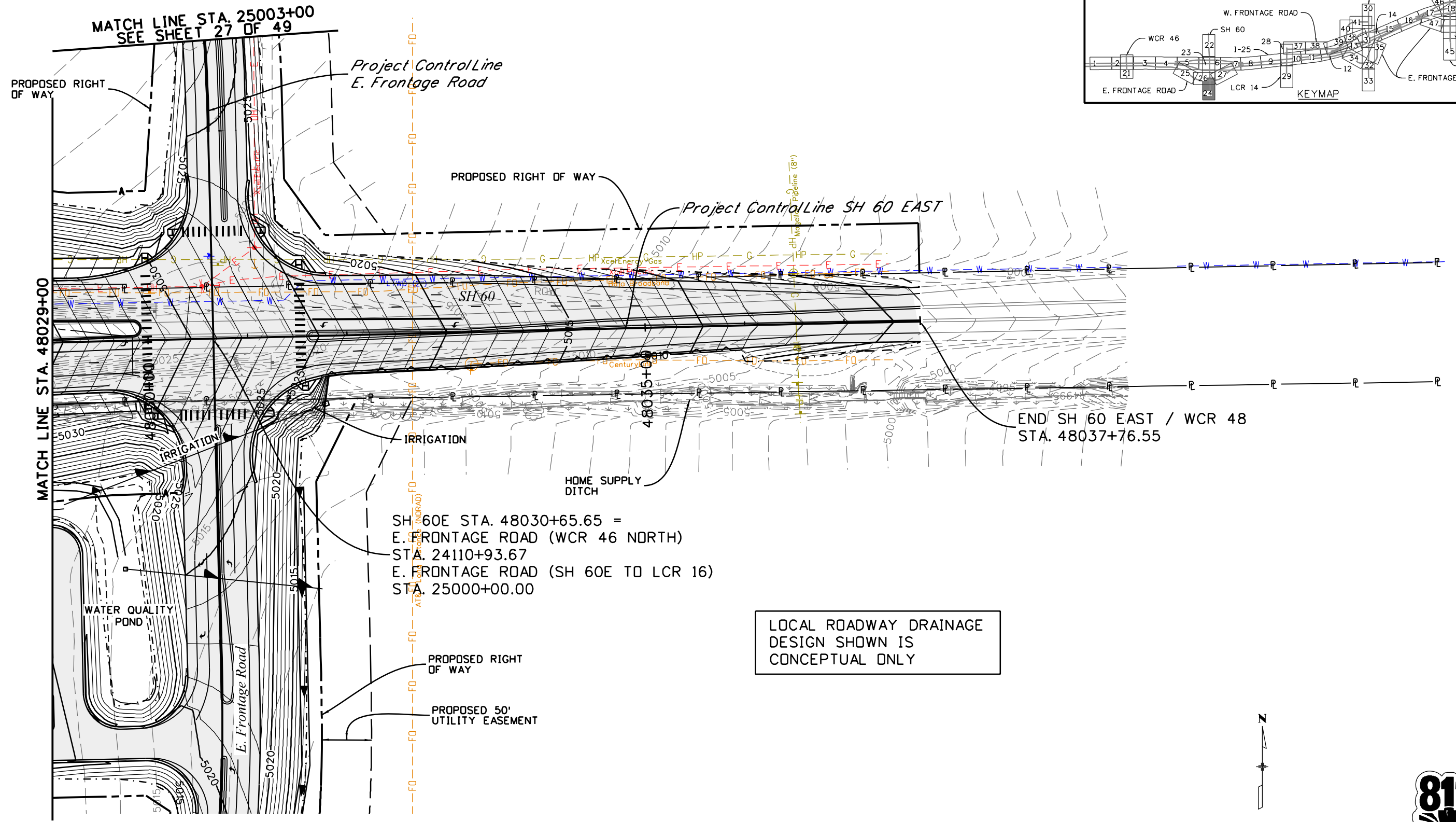
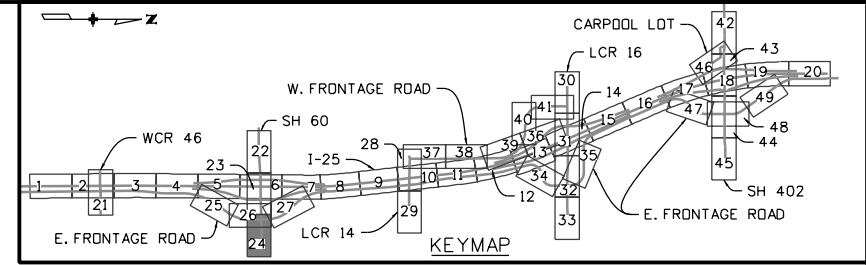
PROPOSED RIGHT OF WAY
 Project Control SH 60E Ramp K
 LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY

PROPOSED RIGHT OF WAY
 Park N Ride Parking Lot
 Project Control SH 60E Ramp J

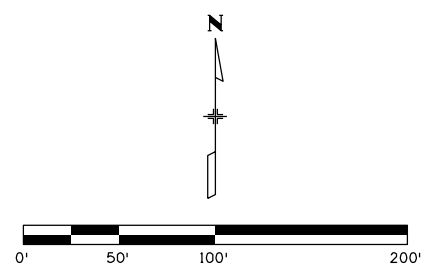


Know what's below
 Call before you dig.

Leah 3:23:07 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_SH60_DrainagePlan03.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V81 CLR-UTIL Dark.tbl




LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY



Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_SH60_DrainagePlan03.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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10601 W. 10th Street
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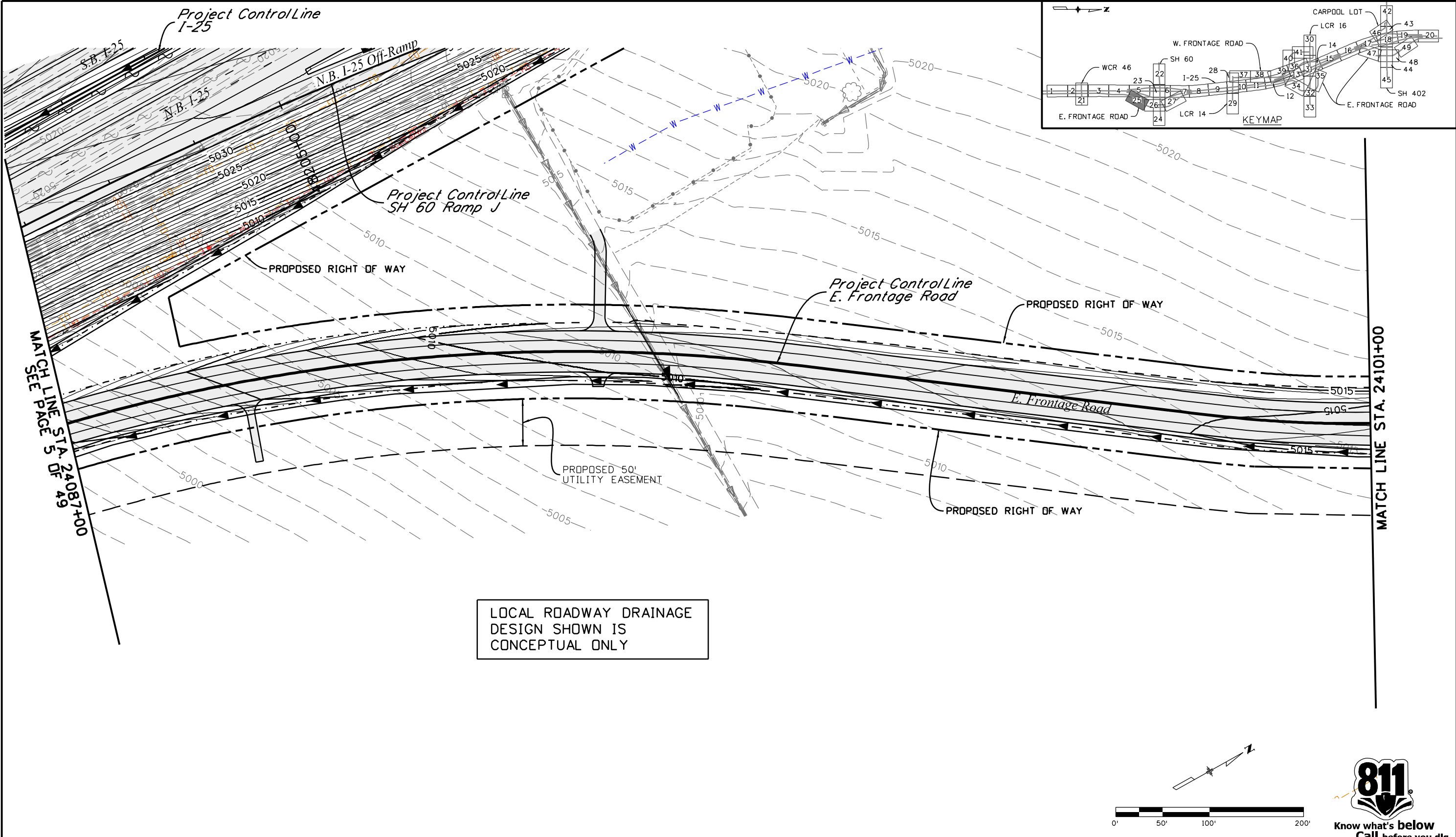
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

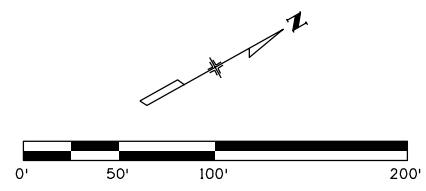
I-25 FROM N/O SH 56 TO N/O SH 402 SH 60 EAST / WCR 48 DRAINAGE AND IRRIGATION STA. 48029+00 TO STA. 48037+77	
Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 24 of 49

Project No./Code	IM 0253-220
Sheet Number	204

Leah 3:23:15 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_EFR_DrainagePlan01.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8I CLR-UTIL Dark.tbl




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Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_EFR_DrainagePlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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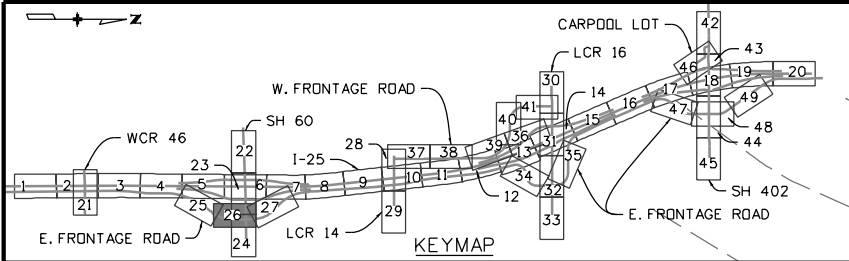
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed
No Revisions:
Revised:
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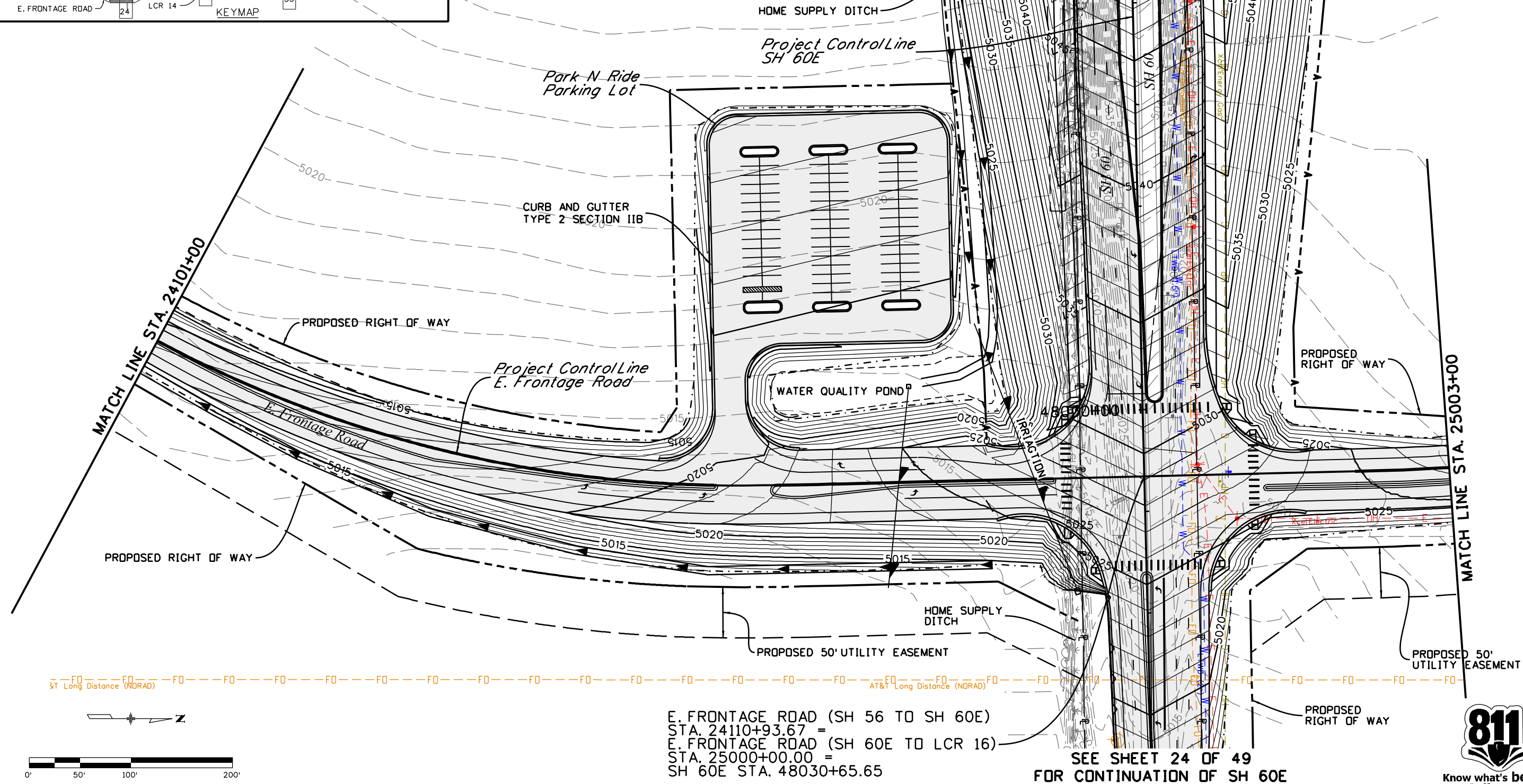
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Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	25 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	205



LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY

SEE SHEET 23 OF 49 FOR CONTINUATION OF SH 60E



E. FRONTAGE ROAD (SH 56 TO SH 60E)
 STA. 24110+93.67 =
 E. FRONTAGE ROAD (SH 60E TO LCR 16)
 STA. 25000+00.00 =
 SH 60E STA. 48030+65.65

SEE SHEET 24 OF 49 FOR CONTINUATION OF SH 60E



Know what's below
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Leah 3:23:23 PM 12/12/2016 12/12/2016 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\1-25 Segment 6\18319HYDR_Seg6_EFR_DrainagePlan02.dgn

Print Date: 12/12/2016	
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Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments

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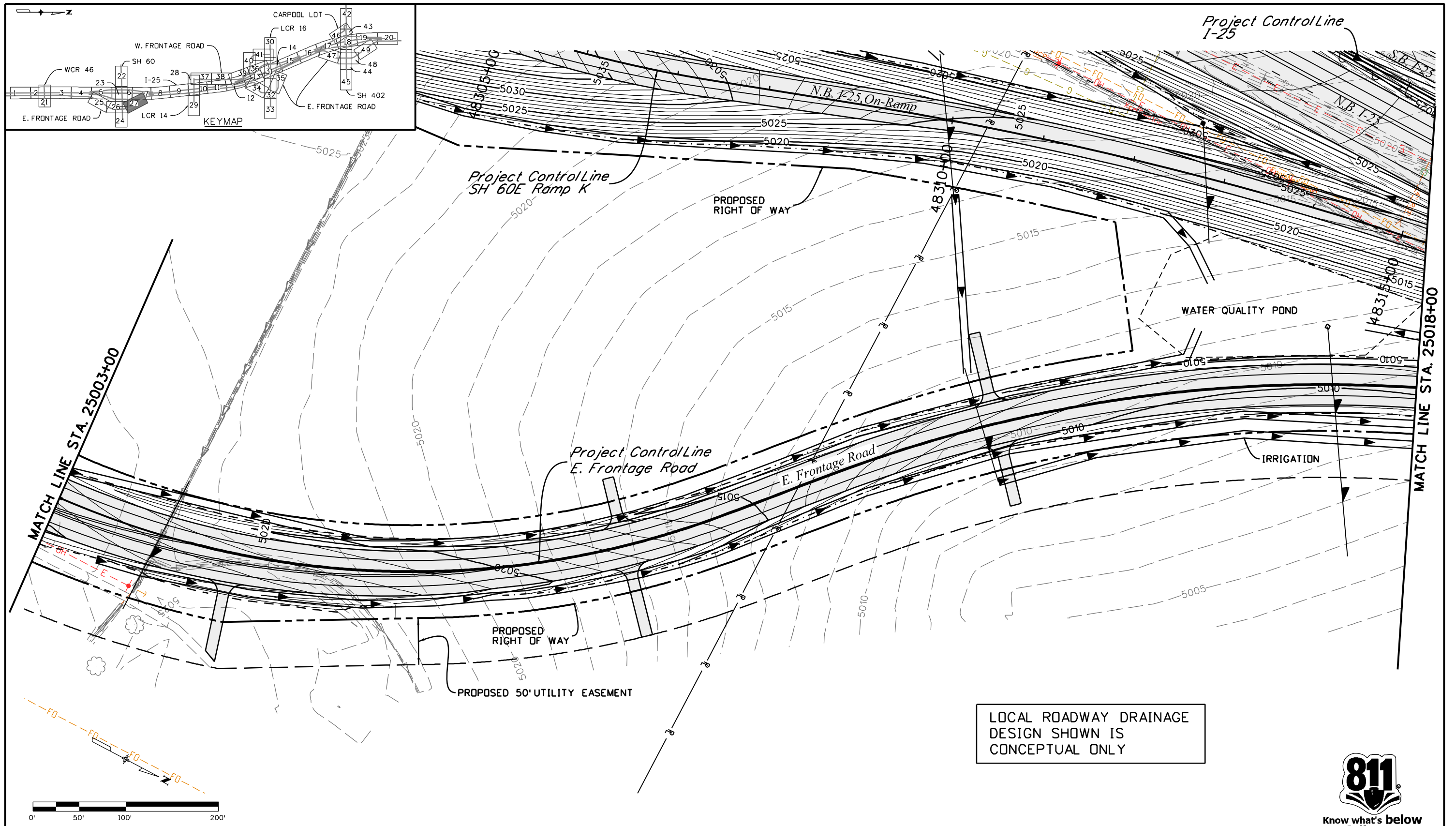
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 26 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	206

Leah 3:23:31 PM P:\12-003.01\1-25 SH 66 to SH 56 - CDDT R-4\18319 Ultimate\Hydraulics\Drawings\1-25 Segment 6\18319HYDR_Seg6_EFR_DrainagePlan03.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt c1g CDDT V8I CLR-UTIL Dark.tbl



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Print Date: 12/12/2016
Drawing File Name: 18319HYDR_Seg6_EFR_DrainagePlan03.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

Sheet Revisions	
Date:	Comments
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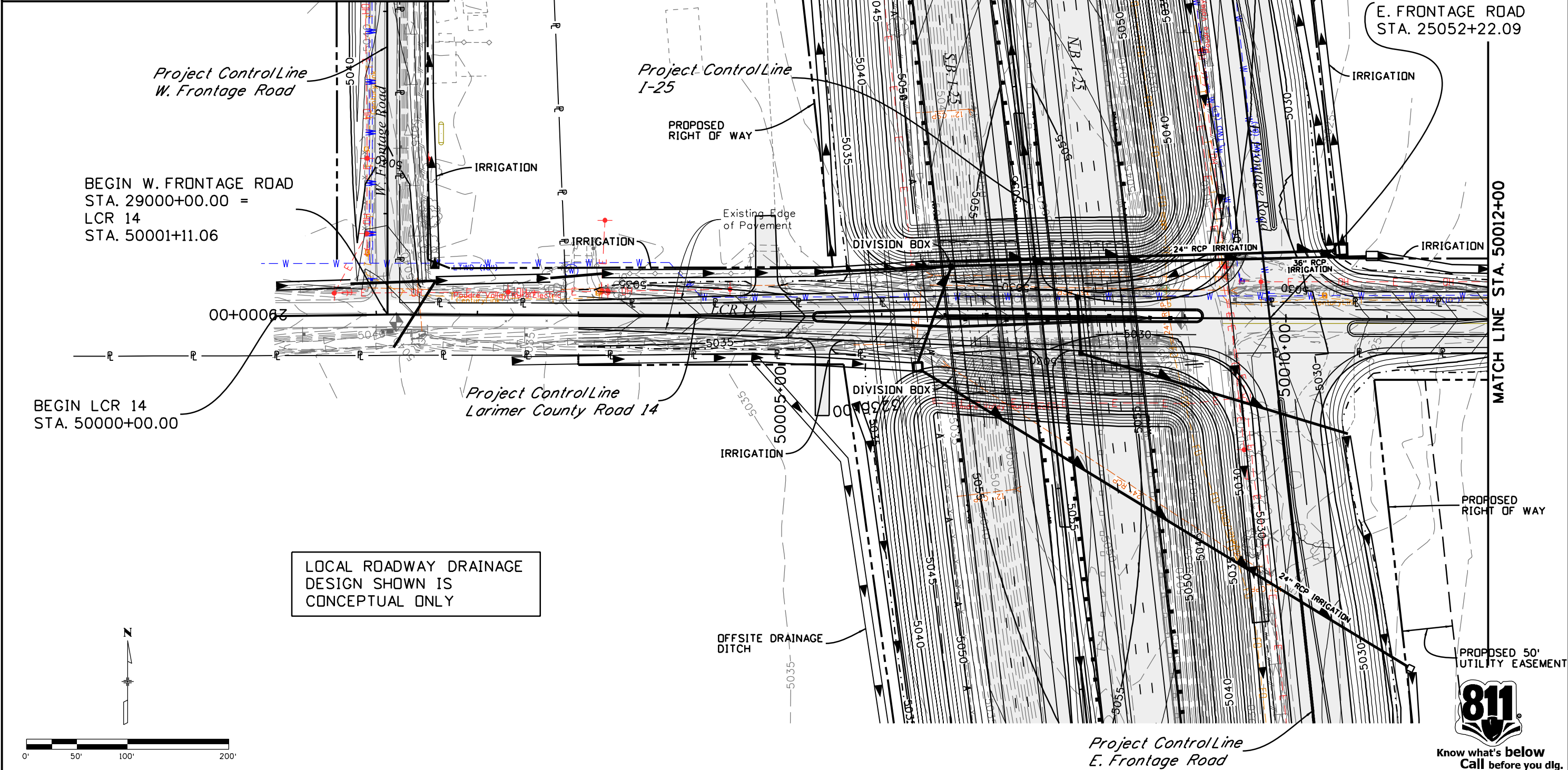
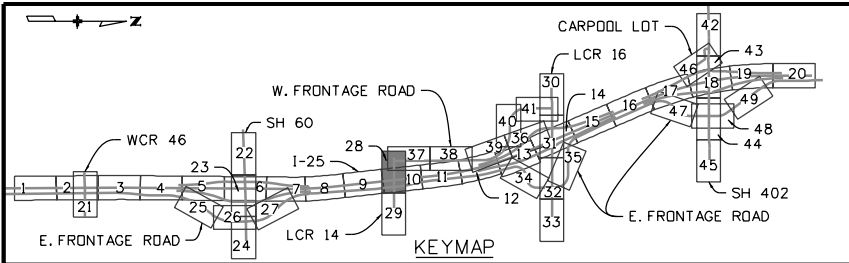
10601 W. 10th Street
Greeley, CO 80634
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Region 4 CJB

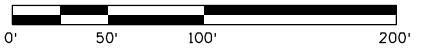
As Constructed
No Revisions:
Revised:
Void:

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Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	27 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 207



LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY




Leah 3:23:38 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_LCR14_DrainagePlan01.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt cgl CDDT V81 CLR-UTIL Dark.tbl

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Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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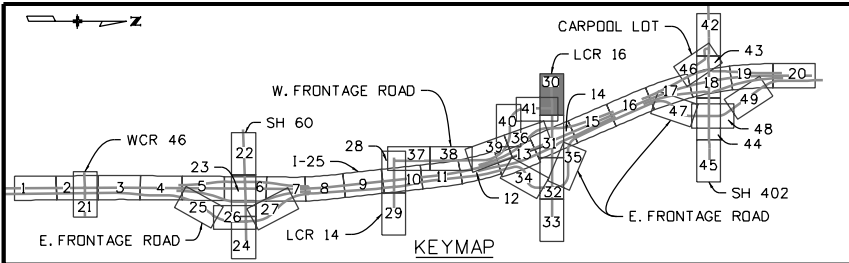
10601 W. 10th Street
Greeley, CO 80634
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Region 4 CJB

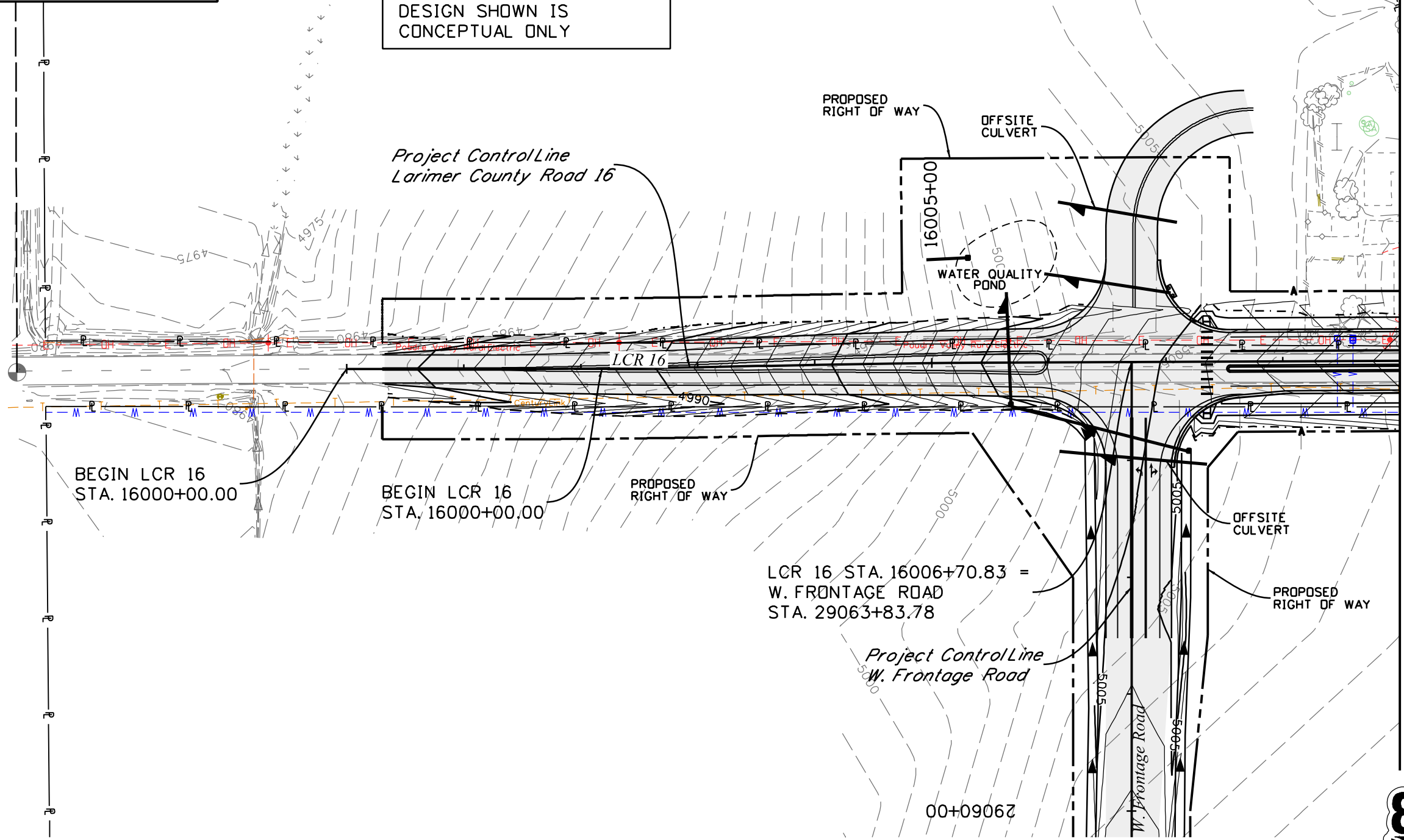
As Constructed	No Revisions:
Revised:	Void:

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Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	28 of 49

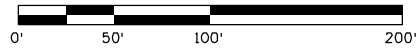
Project No./Code	IM 0253-220
Sheet Number	208



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MATCH LINE STA. 16009+00



Know what's below
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Leah 3:23:56 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_LCR16_DrainagePlan01.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Dark.tbl

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Drawing File Name: 18319HYDR_Seg6_LCR16_DrainagePlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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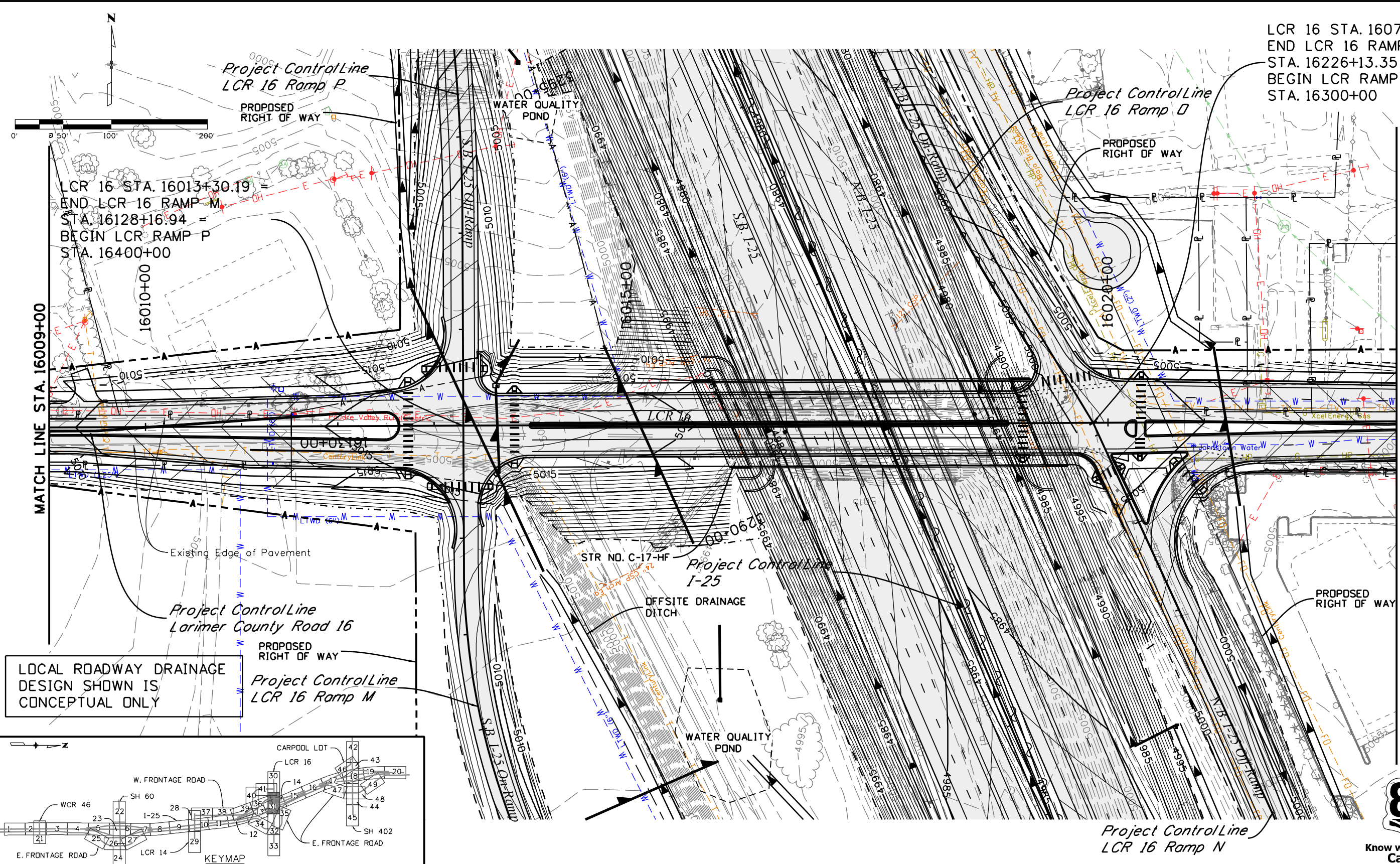
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	30 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	210

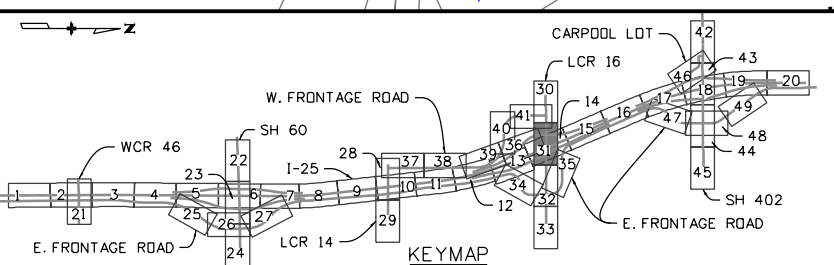
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12/12/2016 CDDT-DefaultPrinter_V8i.plt.ctb CDDT V8i CLR-UTIL Dark.tb



LCR 16 STA. 16079+84.78 =
END LCR 16 RAMP N
STA. 16226+13.35 =
BEGIN LCR RAMP D
STA. 16300+00

LCR 16 STA. 16013+30.19 =
END LCR 16 RAMP M
STA. 16128+16.94 =
BEGIN LCR RAMP P
STA. 16400+00


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Drawing File Name: 18319HYDR_Seg6_LCR16_DrainagePlan02.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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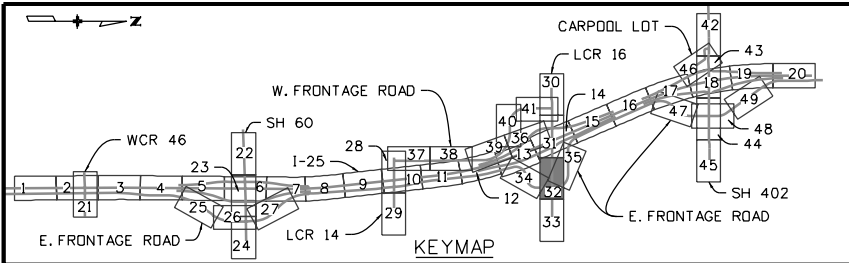
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

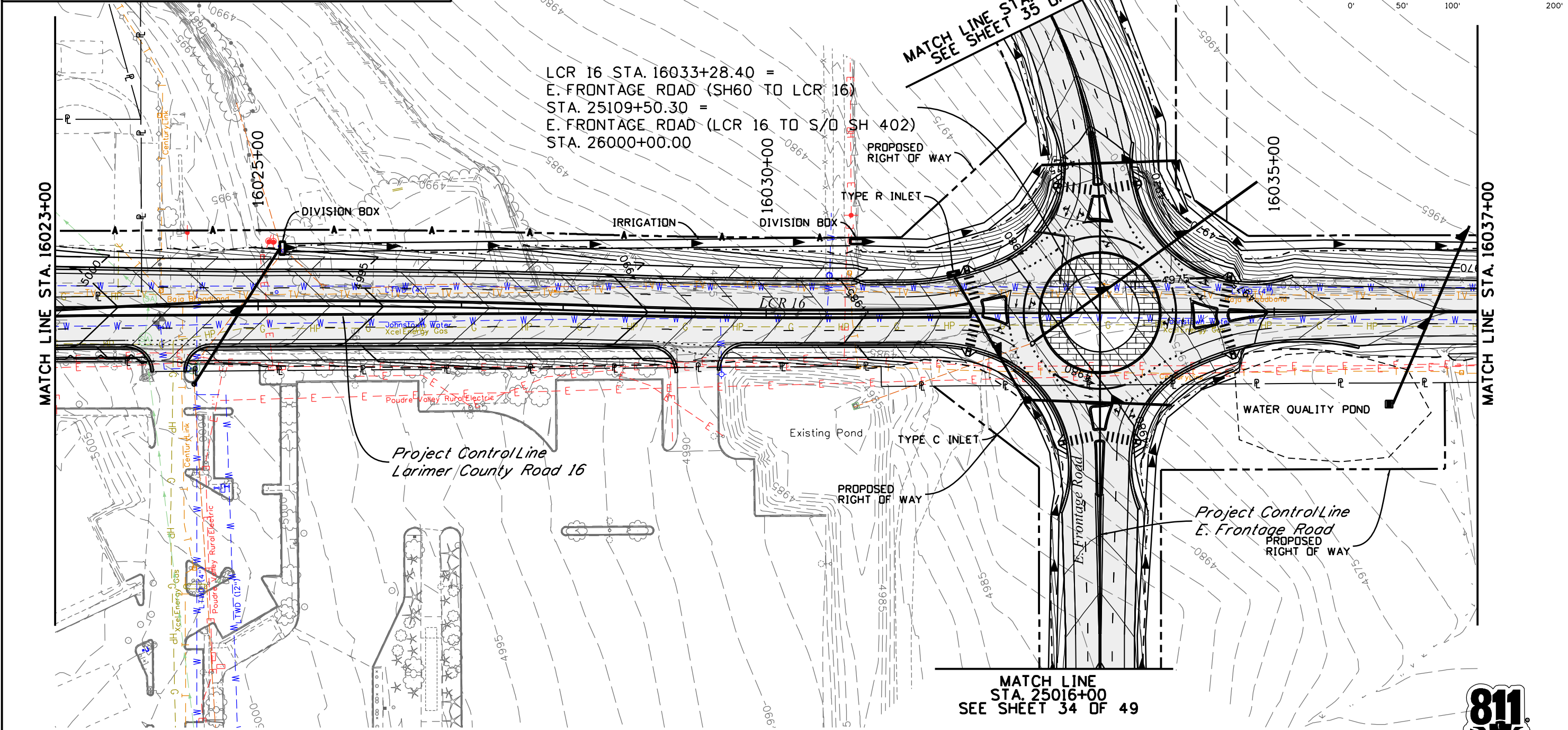
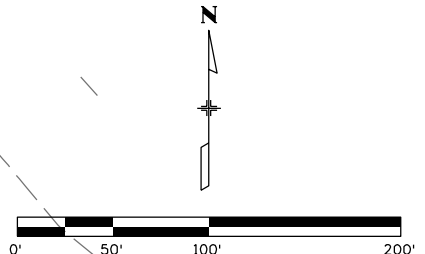
As Constructed	No Revisions:
Revised:	Void:

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Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 31 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	211



LOCAL ROADWAY DRAINAGE
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Drawing File Name: 18319HYDR_Seg6_LCR16_DrainagePlan03.dgn	
Horiz. Scale: 1:100 Vert. Scale: As Noted	
Unit Information Unit Leader Initials	
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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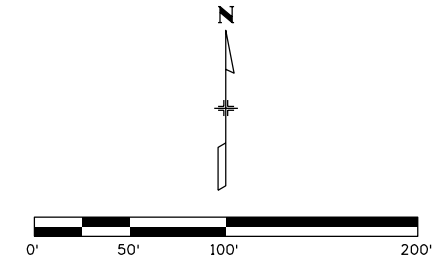
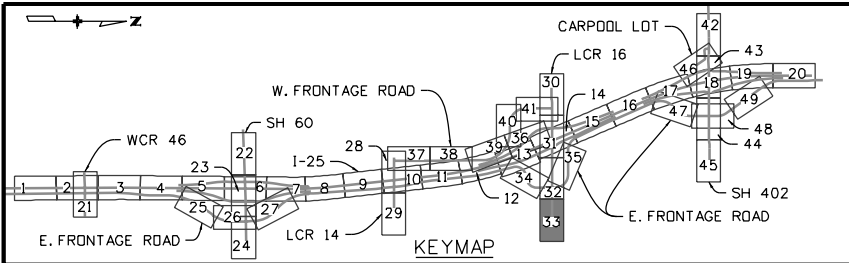
Region 4 CJB

As Constructed
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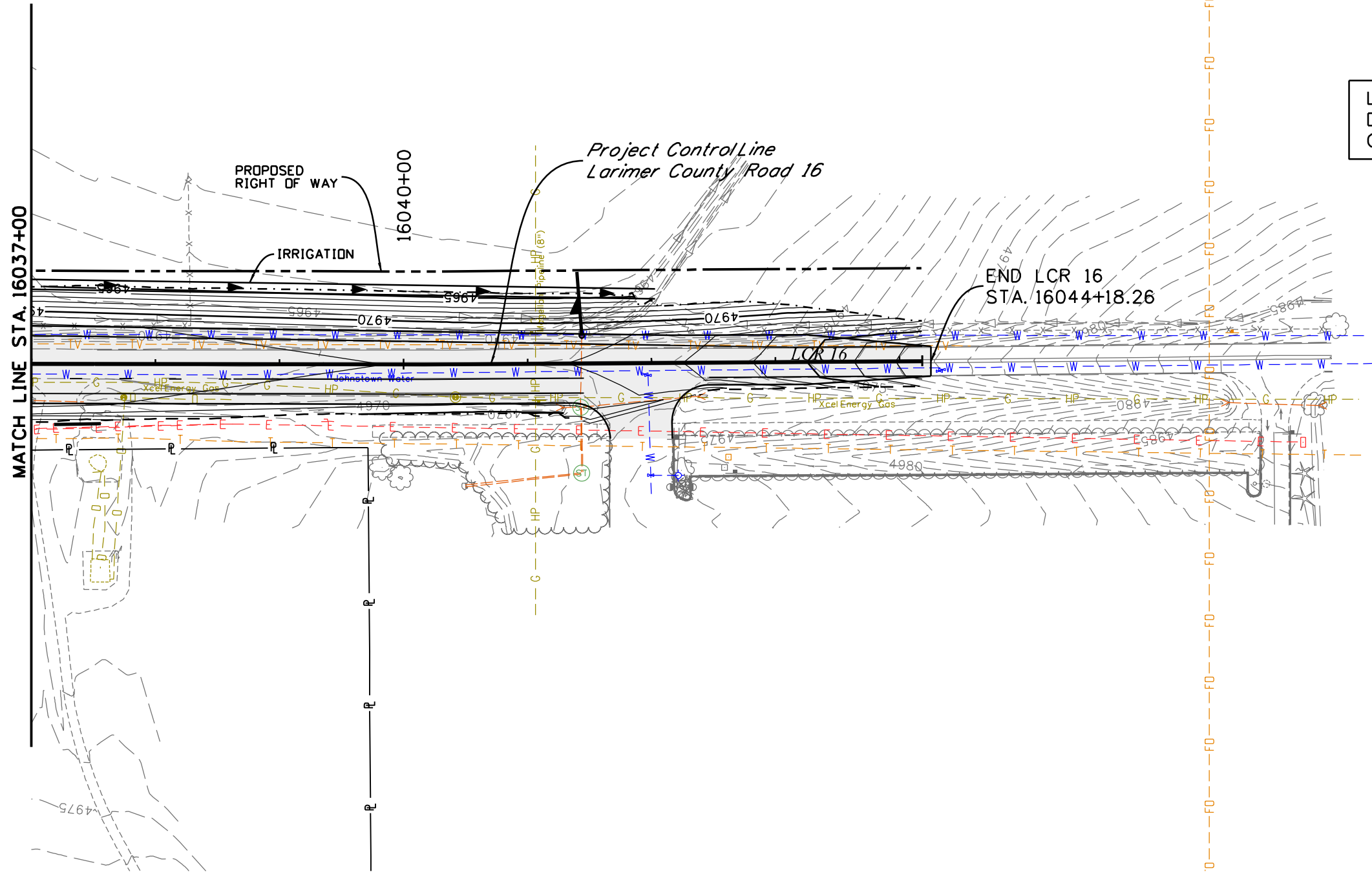
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Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	32 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 212





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 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V81 CLR-UTIL Dark.tbl



Know what's below
Call before you dig.

Print Date: 12/12/2016
 Drawing File Name: 18319HYDR_Seg6_LCR16_DrainagePlan04.dgn
 Horiz. Scale: 1:100 Vert. Scale: As Noted
 Unit Information Unit Leader Initials

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

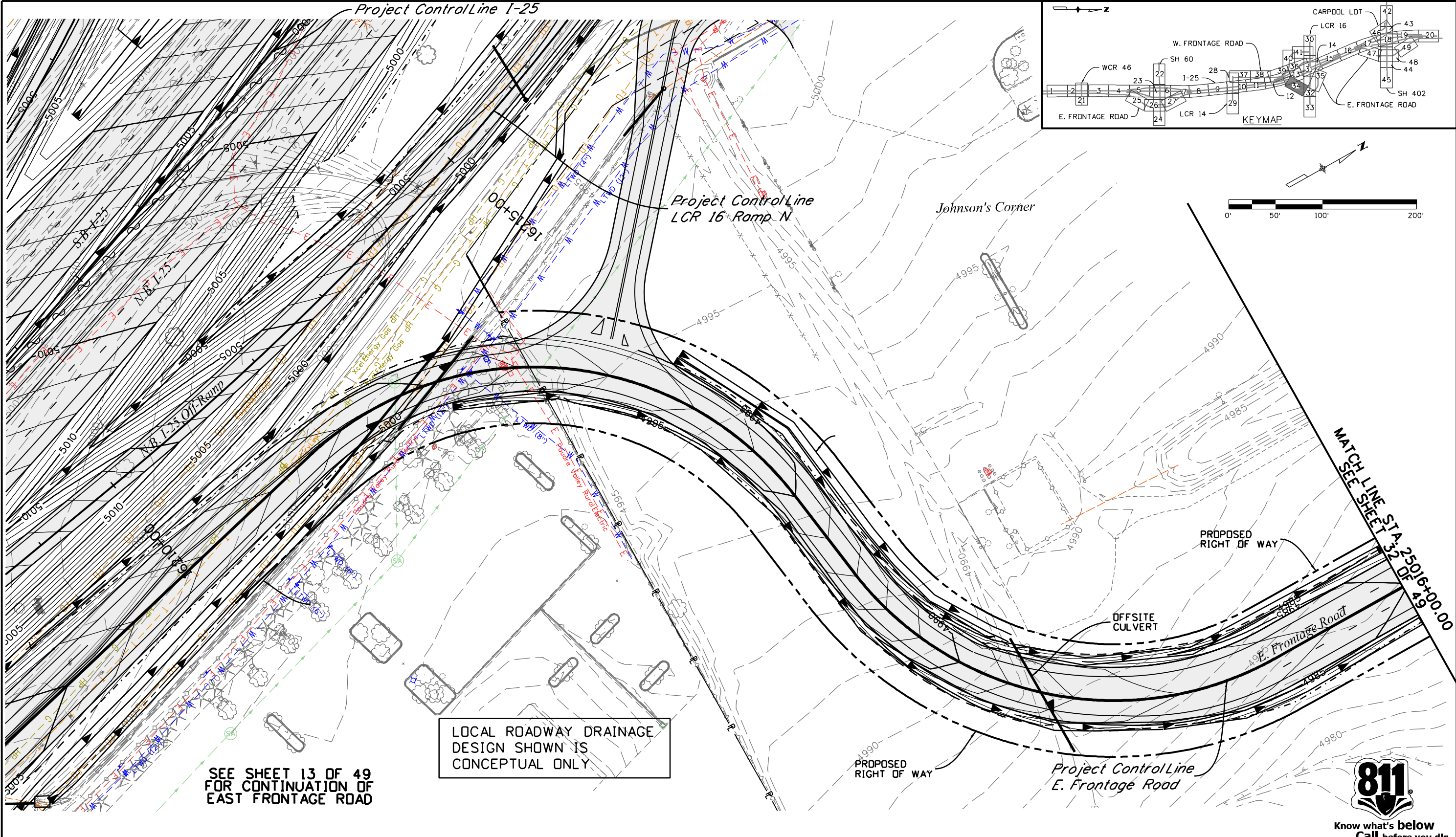
Colorado Department of Transportation
 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer: CRR	Structure Numbers
Detailer: LMR	Subset Sheets: 33 of 49
Sheet Subset: DRAINAGE	

Project No./Code	IM 0253-220
18319	
Sheet Number	213

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 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8i CLR-UTIL Dark.tbl



SEE SHEET 13 OF 49
FOR CONTINUATION OF
EAST FRONTAGE ROAD

LOCAL ROADWAY DRAINAGE
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MATCH LINE STA. 25016+00.00
SEE SHEET 32 OF 49



Know what's below
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Print Date: 12/12/2016
 Drawing File Name: 18319HYDR_Seg6_EFR_DrainagePlan04.dgn
 Horiz. Scale: 1:100 Vert. Scale: As Noted
 Unit Information Unit Leader Initials

Sheet Revisions	
Date:	Comments
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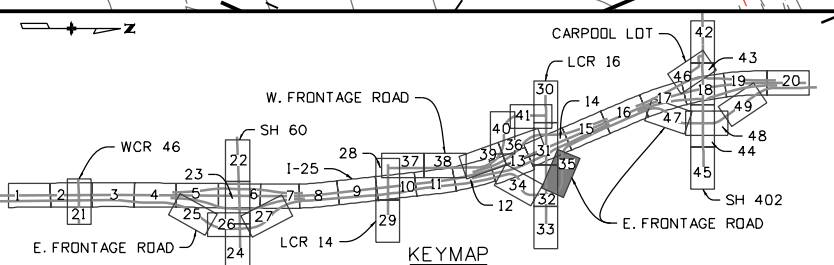
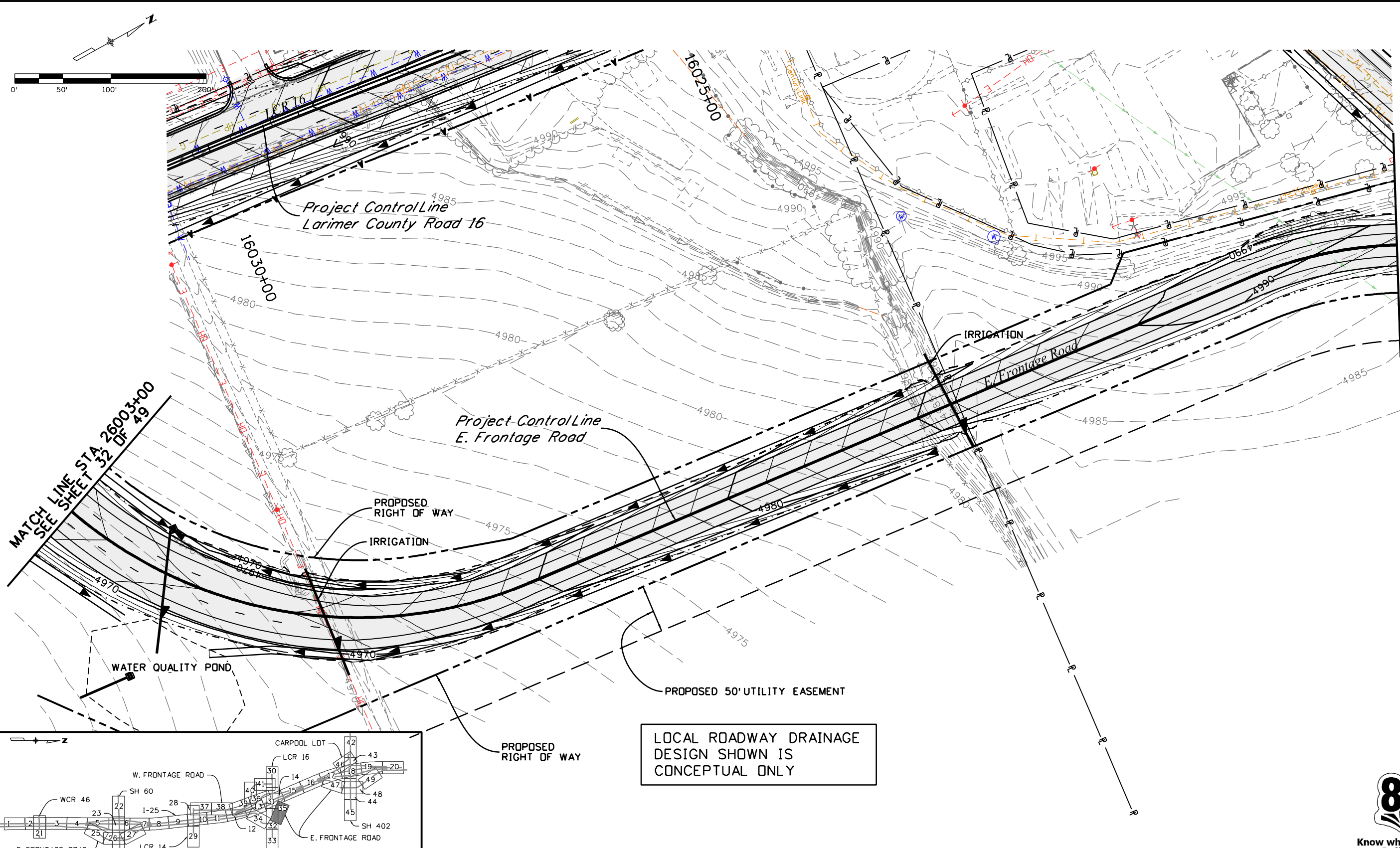
Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

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Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	34 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	214

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Print Date: 12/12/2016
 Drawing File Name: 18319HYDR_Seg6_EFR_DrainagePlan05.dgn
 Horiz. Scale: 1:100 Vert. Scale: As Noted
 Unit Information Unit Leader Initials

Sheet Revisions	
Date:	Comments

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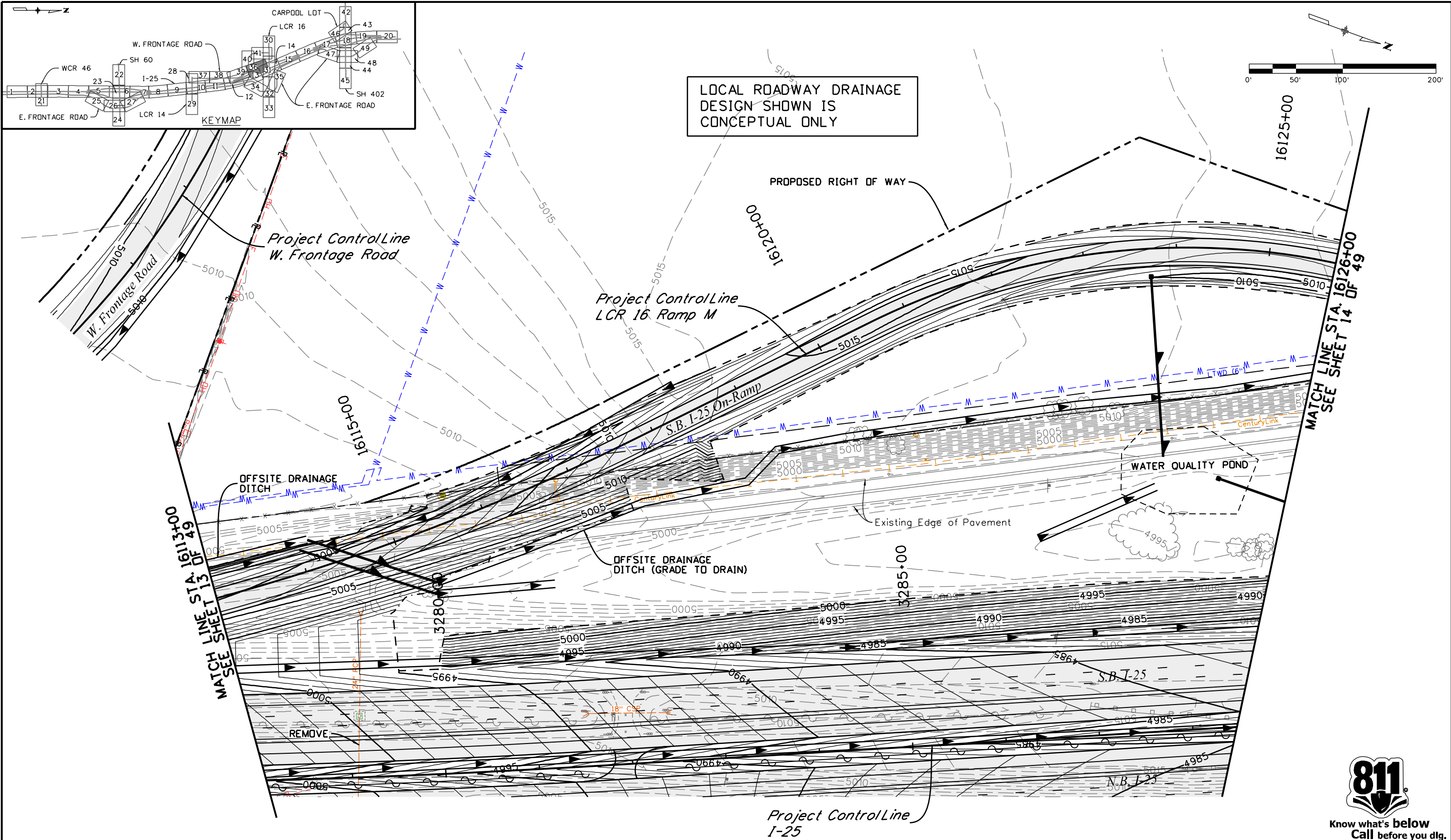
Colorado Department of Transportation

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 Region 4 CJB

As Constructed	No Revisions:
Revised:	
Void:	

I-25 FROM N/O SH 56 TO N/O SH 402	
EFR DRAINAGE AND IRRIGATION	
STA. 26003+00 TO STA. 26018+00	
Designer:	CRR
Detailer:	LMR
Sheet Subset:	DRAINAGE
Structure Numbers	
Subset Sheets:	35 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	215



Leah 3:24:49 PM P:\12-003.01 I-25 SH 56 to SH 402 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_I25_Plan36_LCR16 Ramp.dgn
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Drawing File Name: 18319HYDR_Seg6_I25_Plan36_LCR16 Ramp.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments
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 Region 4 CJB

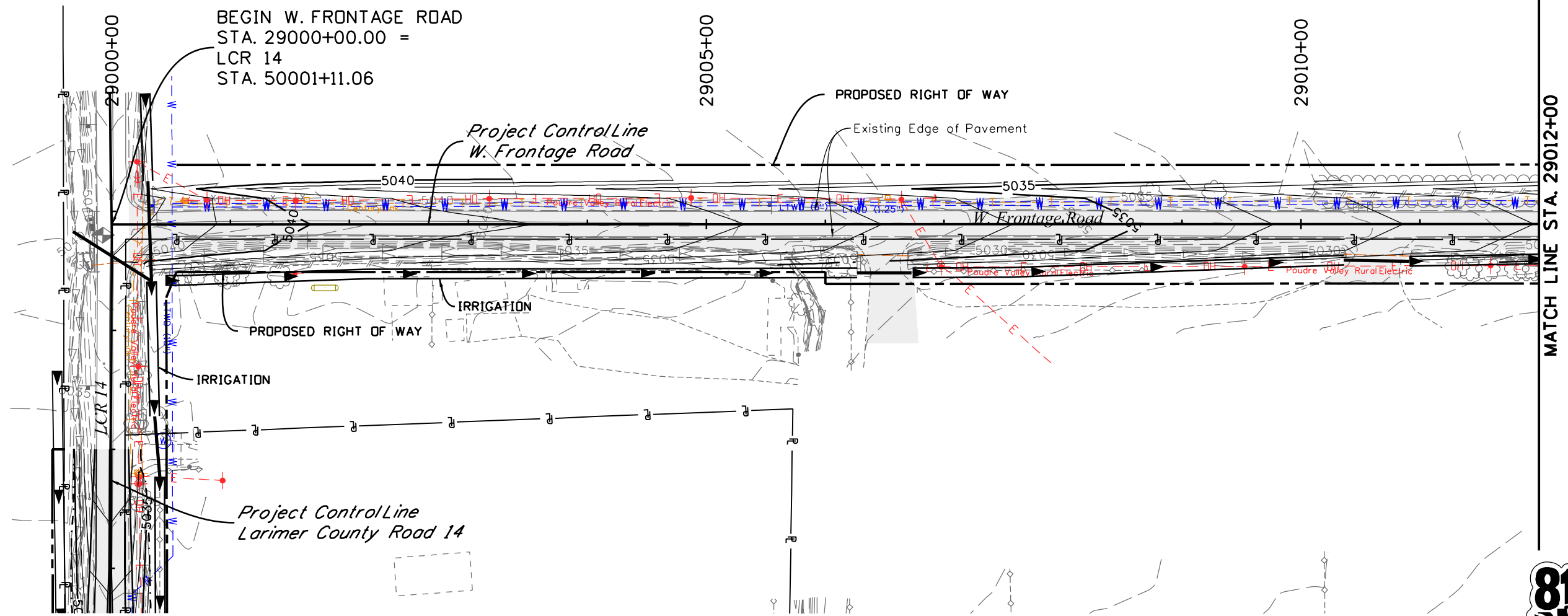
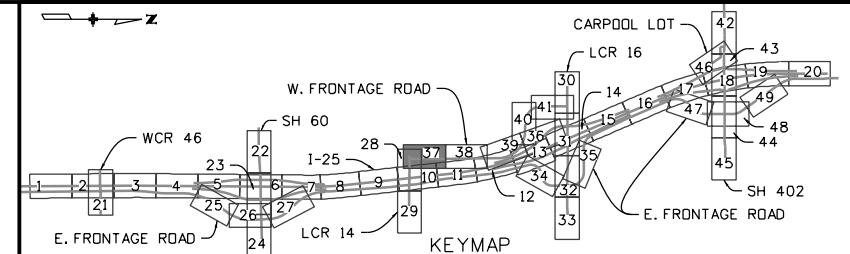
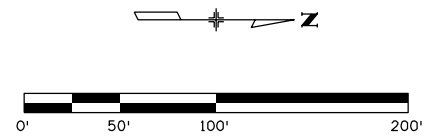
As Constructed	No Revisions:
Revised:	Void:

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Designer: CRR	Structure Numbers
Detailer: LMR	Subset Sheets: 36 of 49
Sheet Subset: DRAINAGE	

Project No./Code	IM 0253-220
Sheet Number	216



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Leah 3:24:57 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\1-25 Segment 6\18319HYDR_Seg6_WFR_DrainagePlan01.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Dark.tbl

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Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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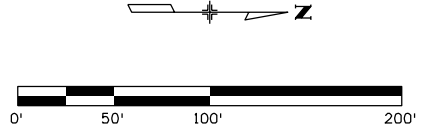
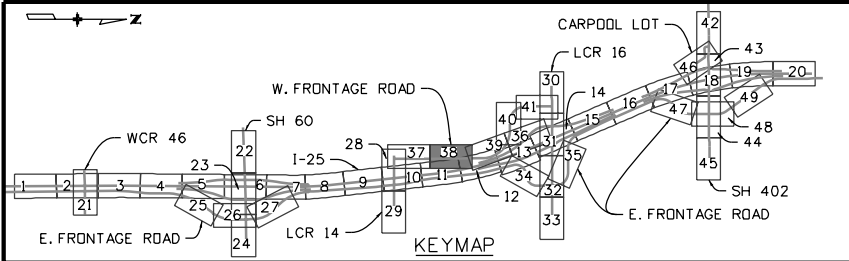
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

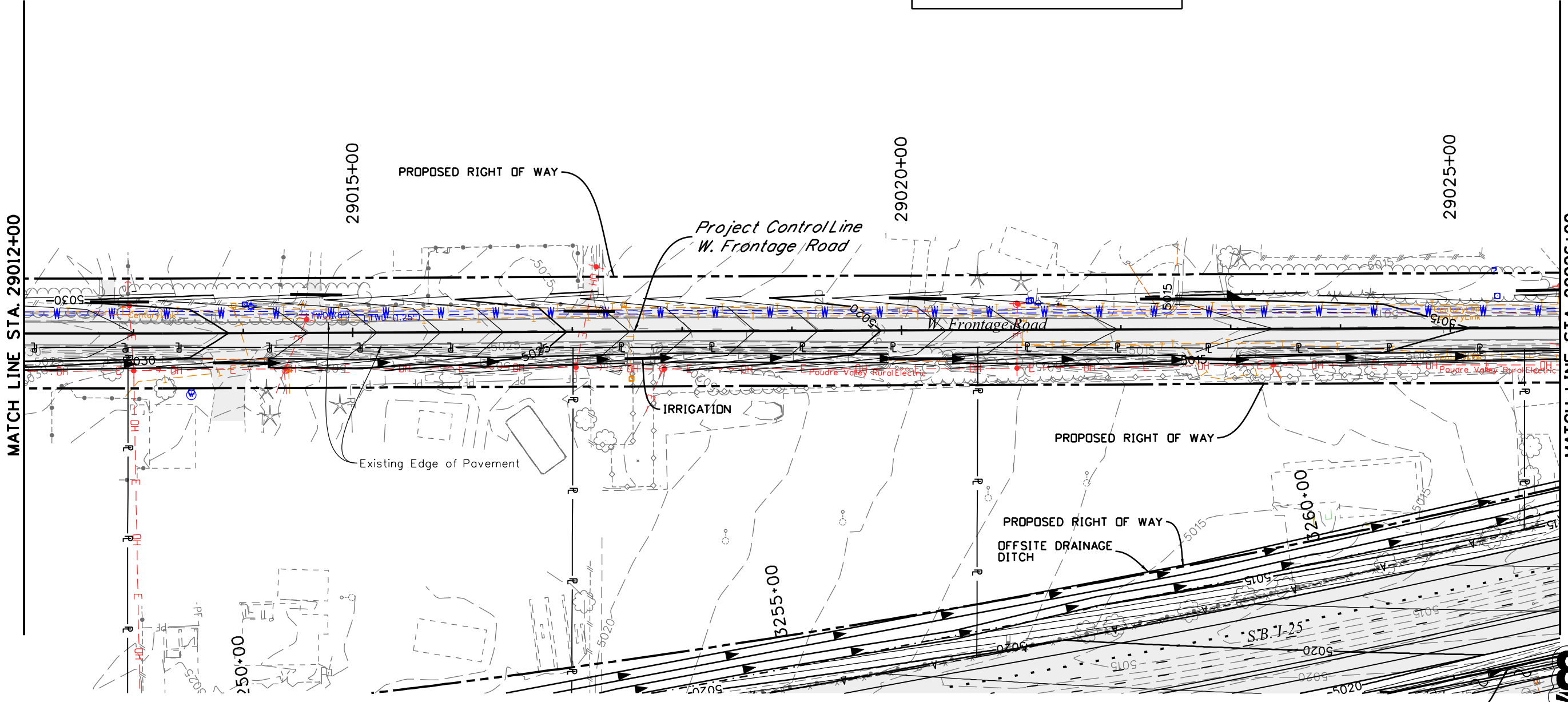
As Constructed	No Revisions:
Revised:	Void:

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Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	37 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	217



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Horiz. Scale: 1:100 Vert. Scale: As Noted	
Unit Information Unit Leader Initials	
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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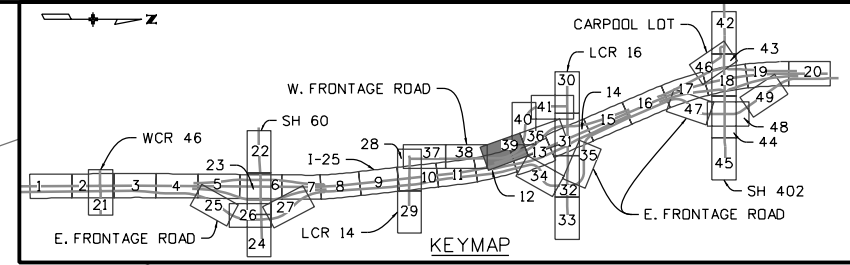
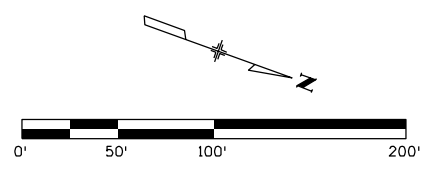
Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

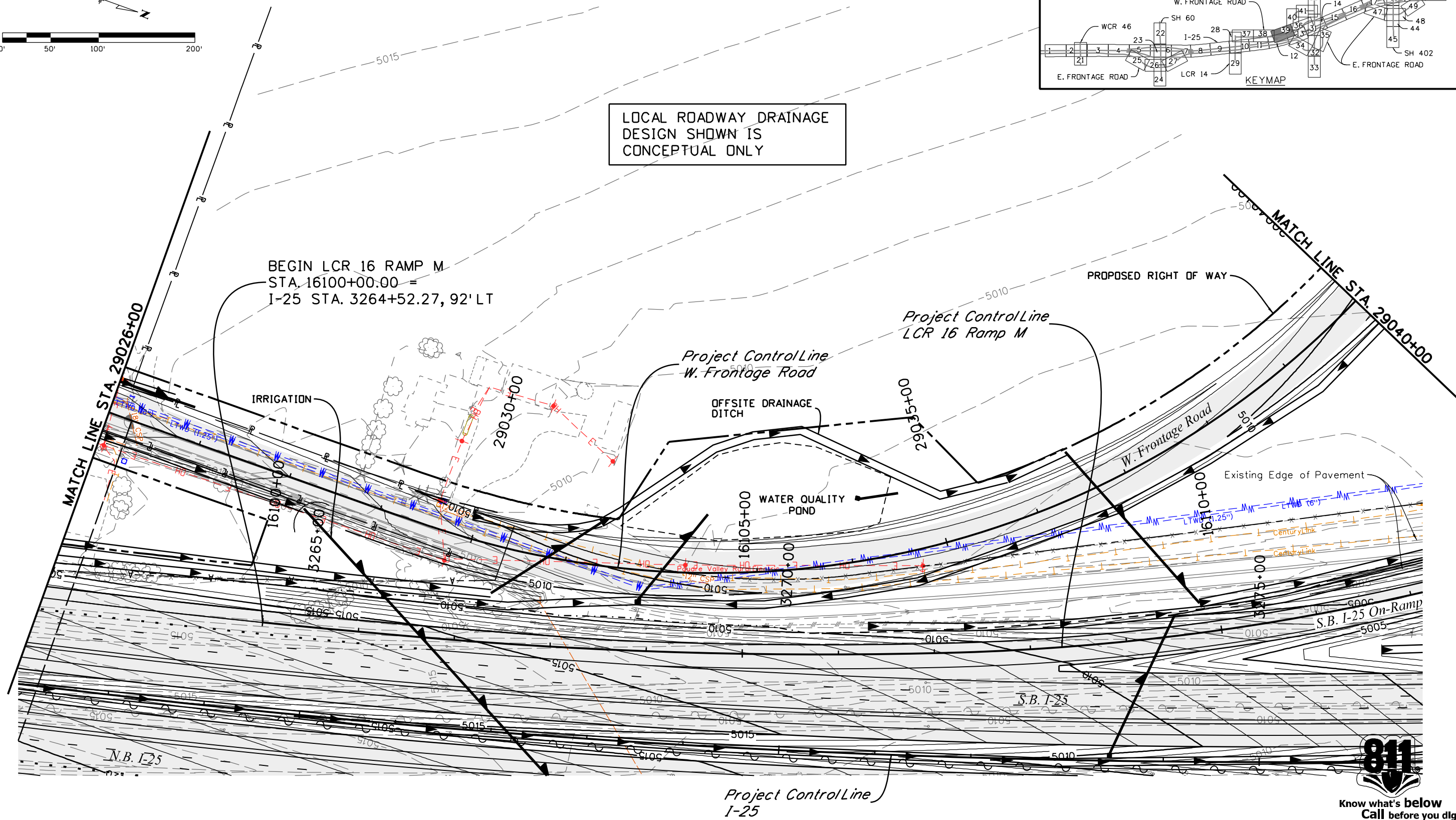
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Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	38 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 218





LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY




Leah 3:25:13 PM P:\12-003\01 I-25 SH 56 to SH 402 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\1-25 Segment 6\18319HYDR_Seg6_WFR_DrainagePlan03.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt c1g CDDT V8i CLR-UTIL Dark.tbl



Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_WFR_DrainagePlan03.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation



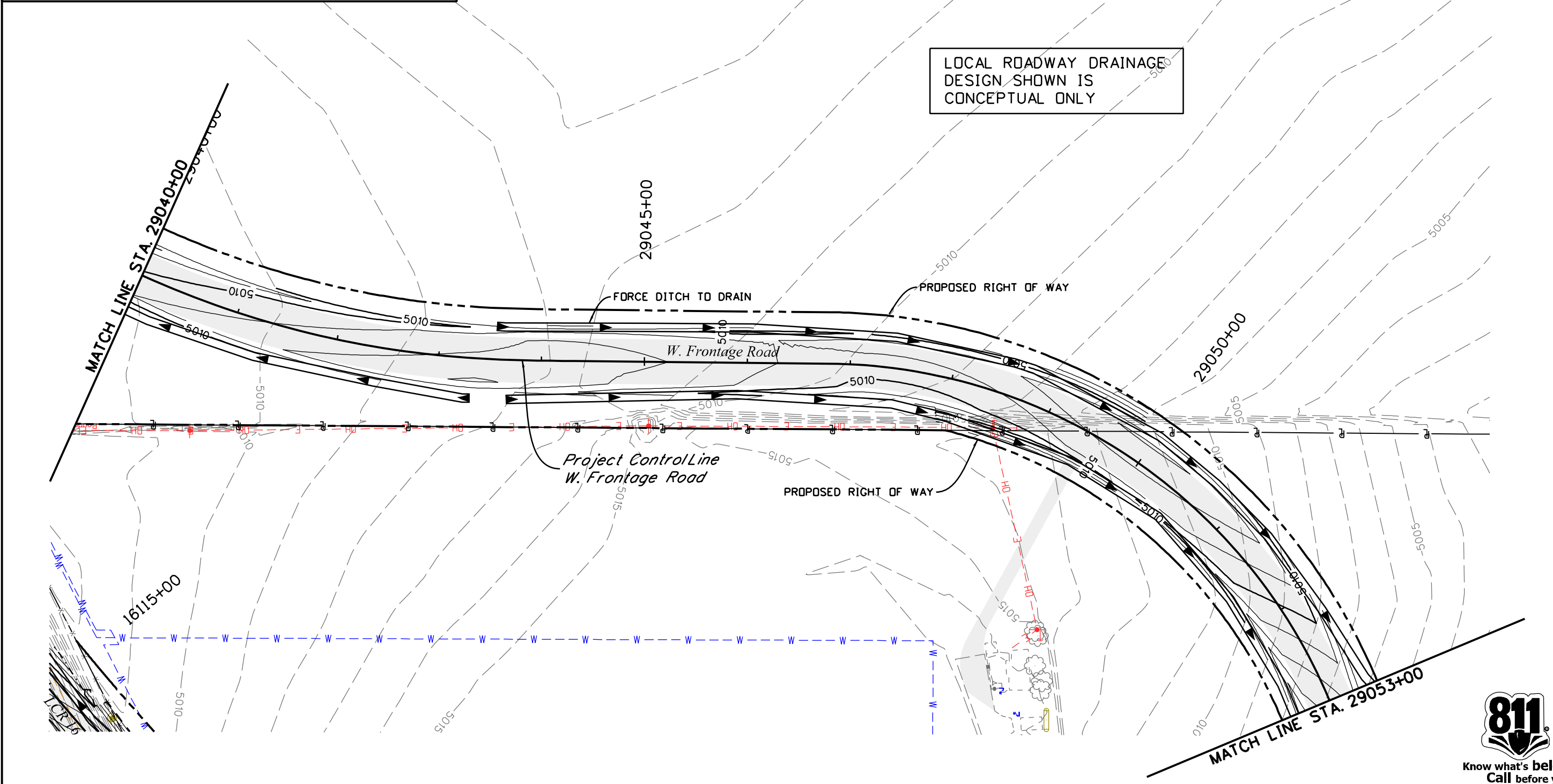
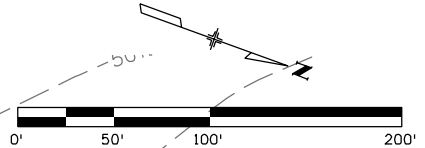
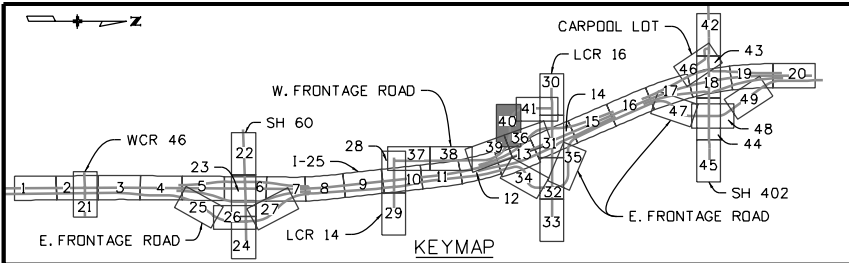
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 WFR DRAINAGE AND IRRIGATION STA. 29026+00 TO STA. 29040+00	
Designer: CRR	Structure Numbers
Detailer: LMR	Subset Sheets: 39 of 49

Project No./Code	IM 0253-220
Sheet Number	219



Leah 3:25:22 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_WFR_DrainagePlan04.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8I CLR-UTIL Dark.tbl



Know what's below
Call before you dig.

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_WFR_DrainagePlan04.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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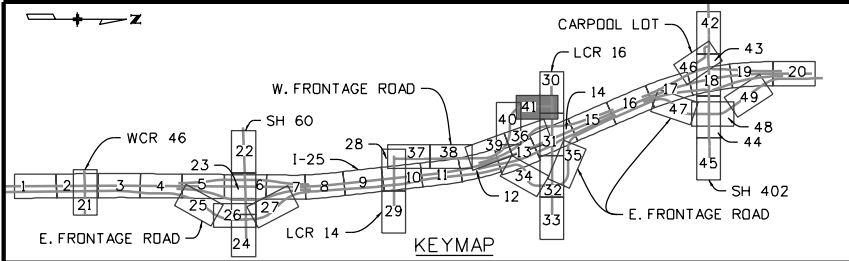
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

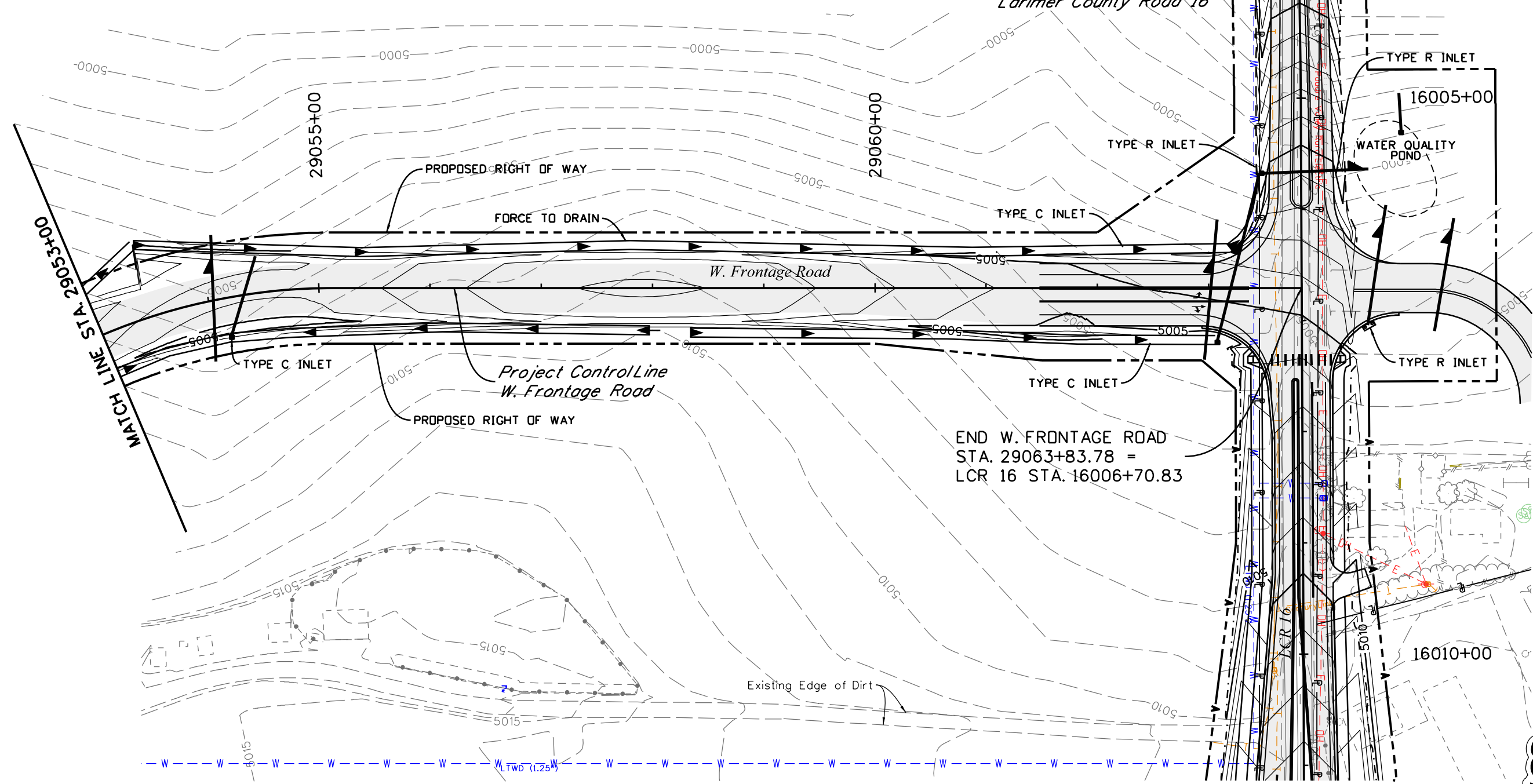
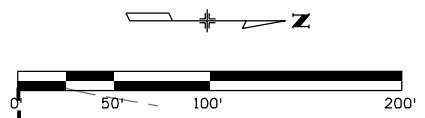
As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 WFR DRAINAGE AND IRRIGATION STA. 29040+00 TO STA. 29053+00			
Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	40 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 220



LOCAL ROADWAY DRAINAGE
DESIGN SHOWN IS
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Leah 3:25:29 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_WFR_DrainagePlan05.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Dark.tbl



Print Date: 12/12/2016
Drawing File Name: 18319HYDR_Seg6_WFR_DrainagePlan05.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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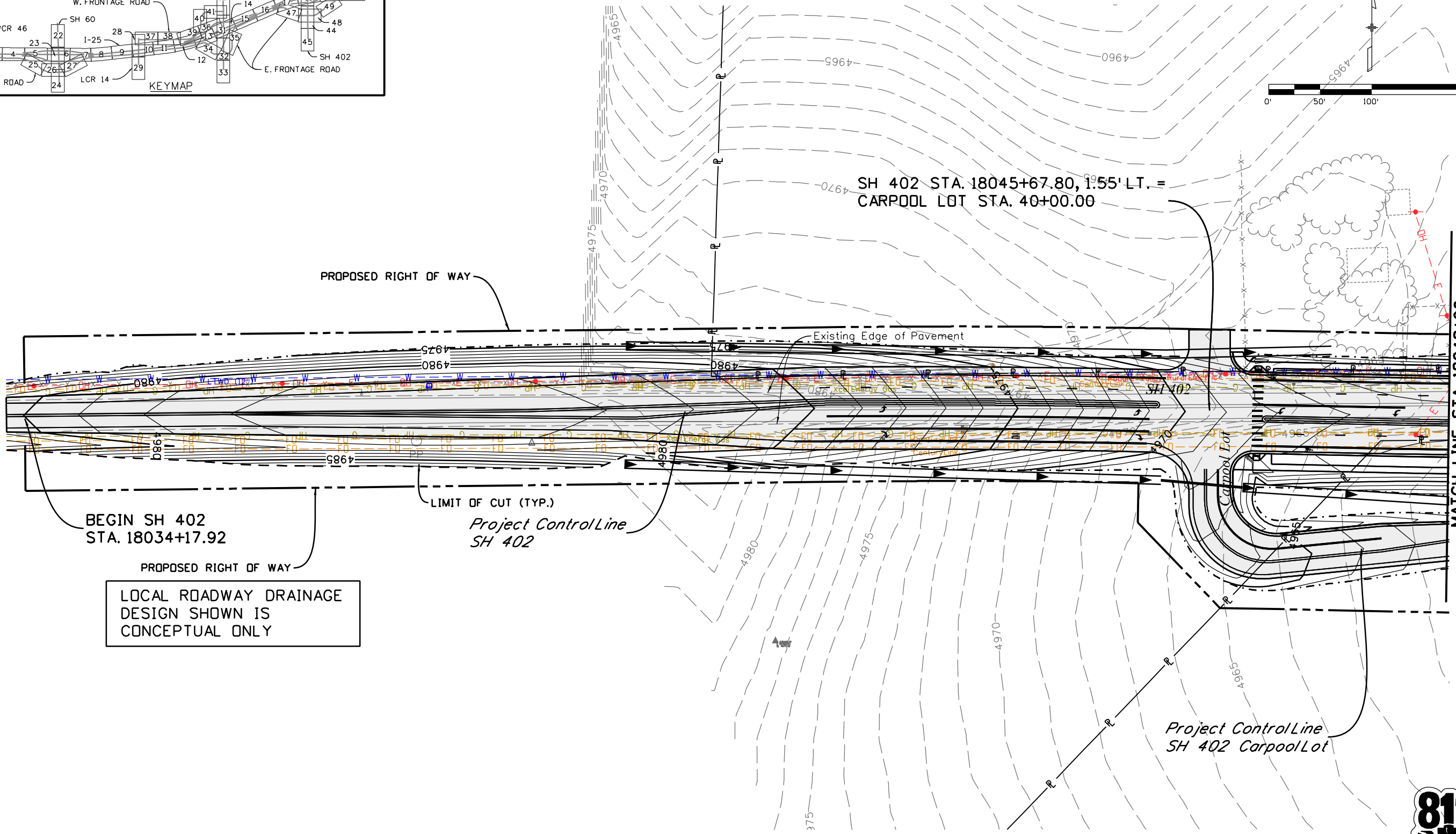
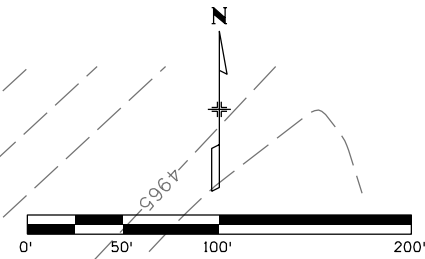
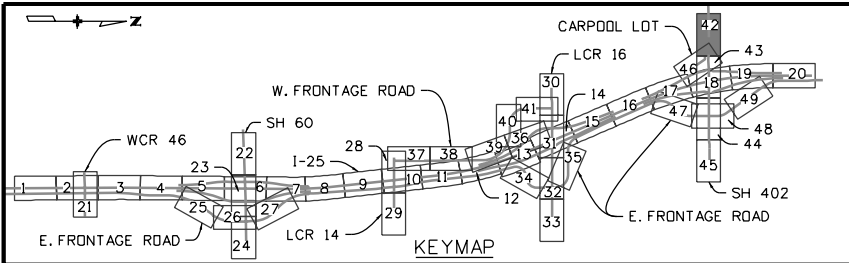
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 WFR DRAINAGE AND IRRIGATION STA. 29053+00 TO STA. 29063+83.73	
Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 41 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 221



SH 402 STA. 18045+67.80, 1.55' LT. =
CARPOOL LOT STA. 40+00.00

BEGIN SH 402
STA. 18034+17.92

LOCAL ROADWAY DRAINAGE
DESIGN SHOWN IS
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Project Control Line
SH 402 Carpool Lot



Know what's below
Call before you dig.

Leah 3:25:37 PM P:\12-003.01 I-25 SH 66 to SH 66 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_SH402_DrainagePlan01.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V81 CLR-UTIL Dark.tbl


Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_SH402_DrainagePlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments

0000

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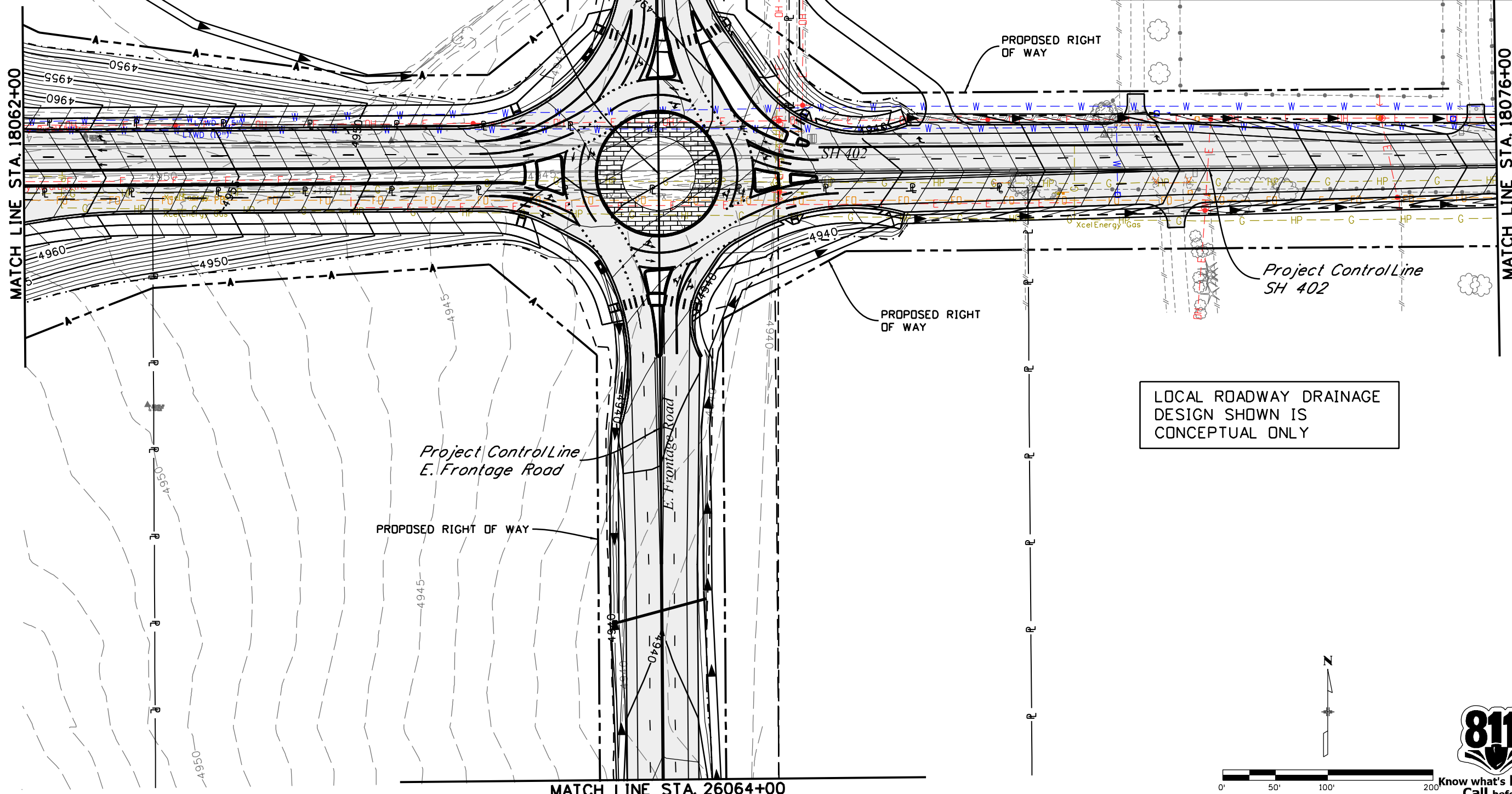
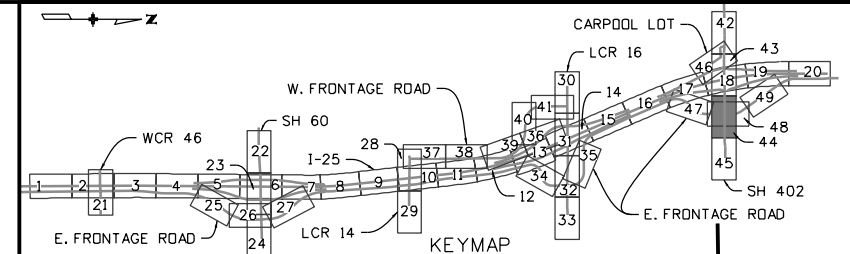
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

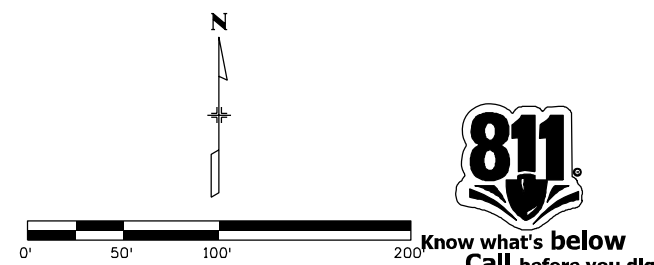
I-25 FROM N/O SH 56 TO N/O SH 402 SH 402 DRAINAGE AND IRRIGATION STA. 18034+00 TO STA. 18048+00	
Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 42 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	222

SH 402 STA. 18068+03.19 =
 E. FRONTAGE ROAD (LCR 16 NORTH)
 STA. 26069+76.07 =
 E. FRONTAGE ROAD (SH 402 TO E. CO 20)
 STA. 27000+00.00



LOCAL ROADWAY DRAINAGE
 DESIGN SHOWN IS
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Leah 3:25:56 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\1-25 Segment 6\18319HYDR_Seg6_SH402_DrainagePlan03.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt cjb

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_SH402_DrainagePlan03.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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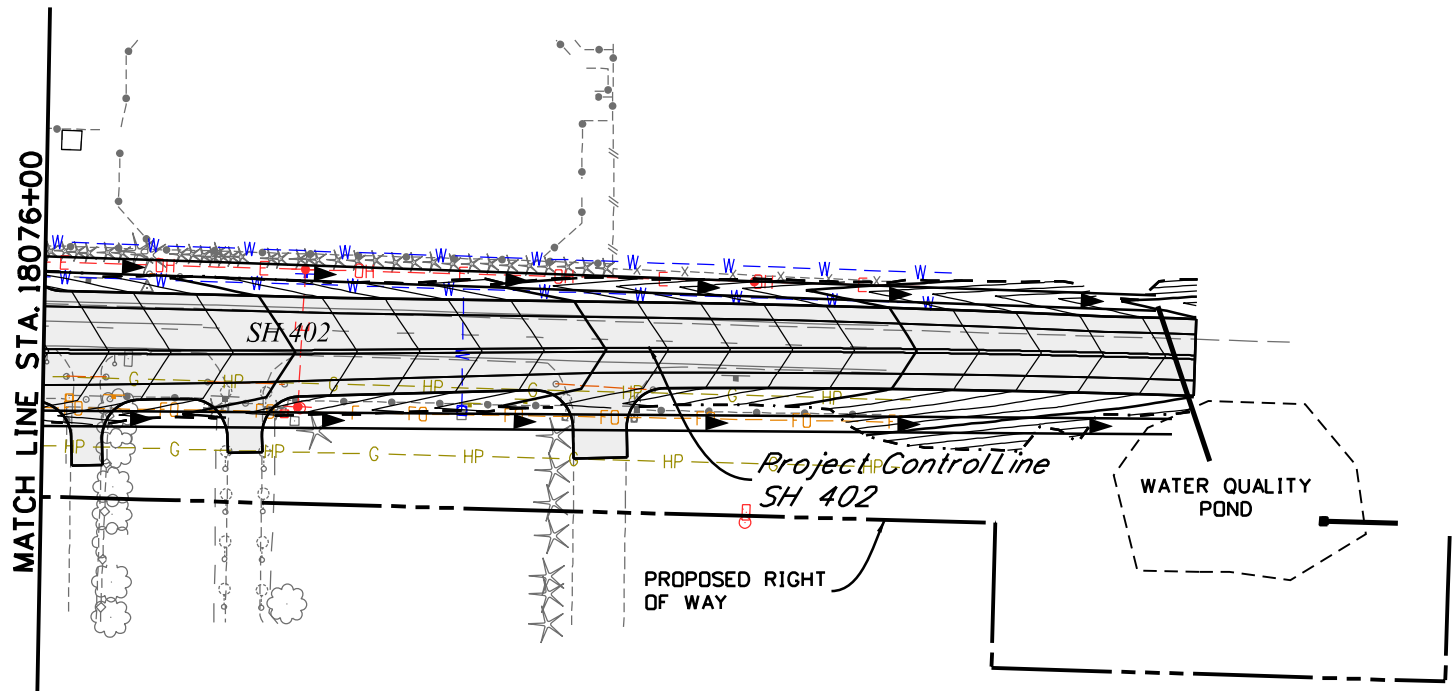
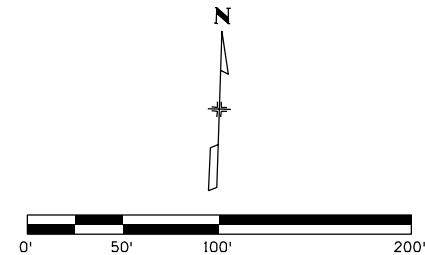
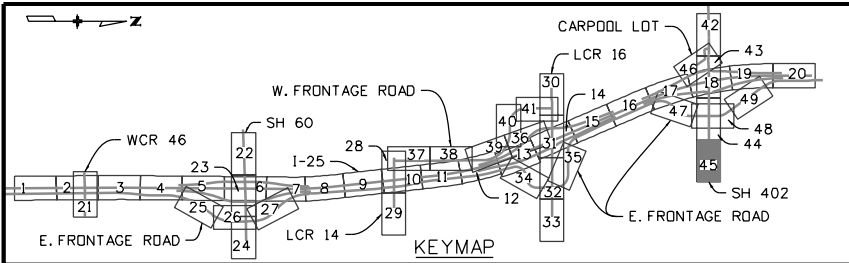
10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 SH 402 DRAINAGE AND IRRIGATION STA. 18062+00 TO STA. 18076+00	
Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 44 of 49

Project No./Code	IM 0253-220
Sheet Number	224



LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY

Leah 3:26:05 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_SH402_DrainagePlan04.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Dark.tbl



Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_SH402_DrainagePlan04.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation

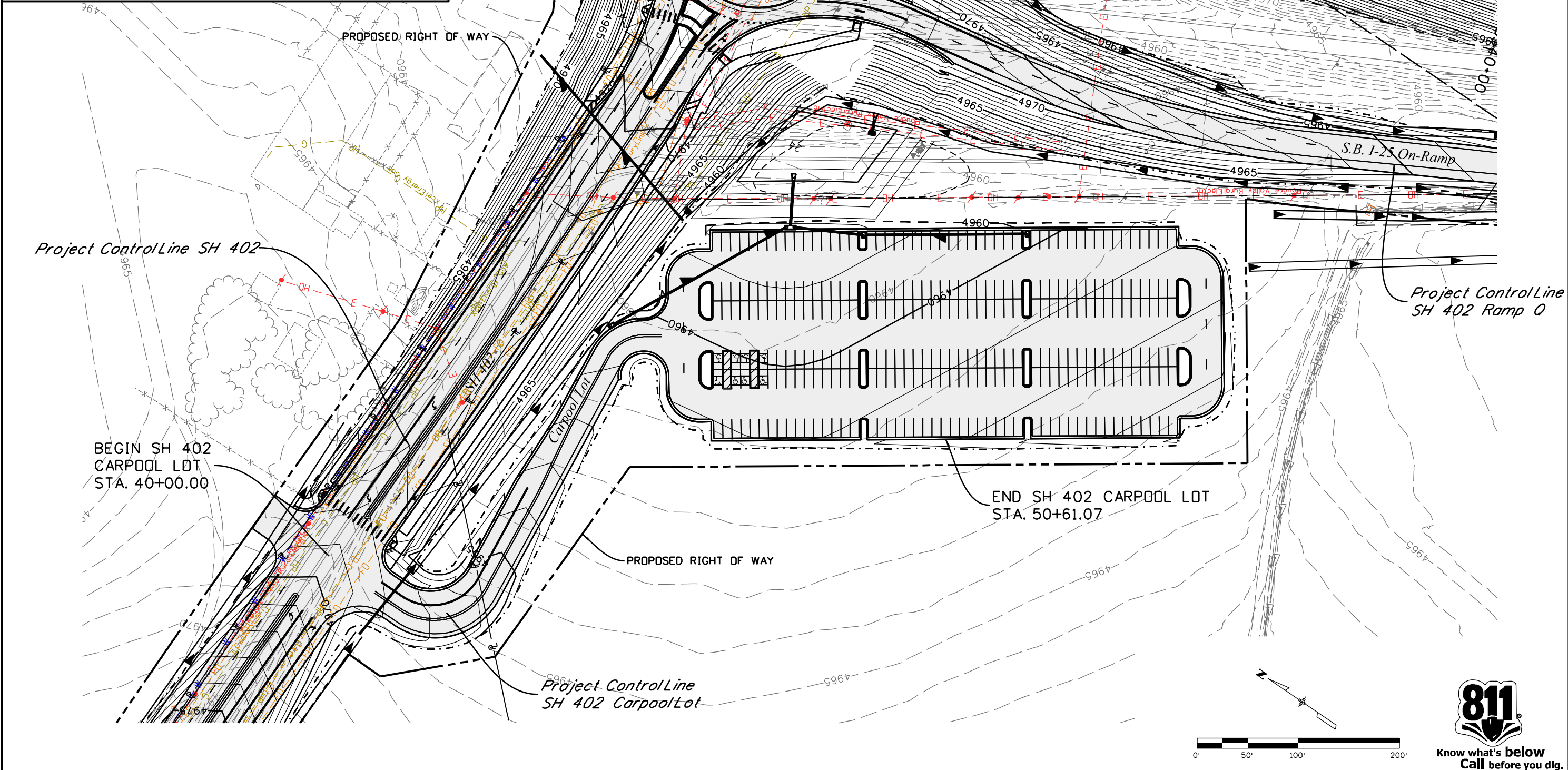
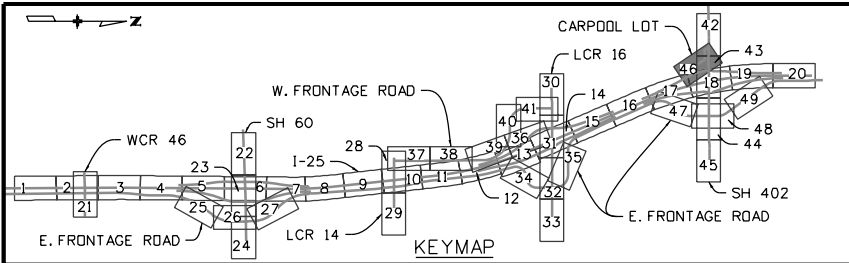
10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402	
SH 402 DRAINAGE AND IRRIGATION	
STA. 18076+00 TO STA. 1084+74.75	
Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 45 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 225



Leah 3:26:13 PM P:\12-003\01 I-25 SH 66 to SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_SH402_Carpool_DrainagePlan01.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt c1g CDDT V8I CLR-UTIL Dark.tbl

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_SH402_Carpool_DrainagePlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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 Greeley, CO 80634
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 Region 4 CJB

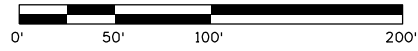
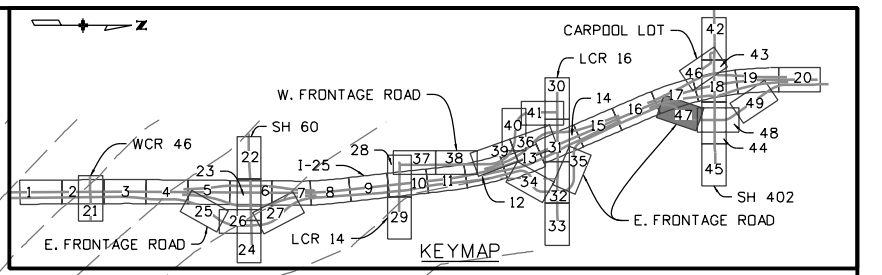
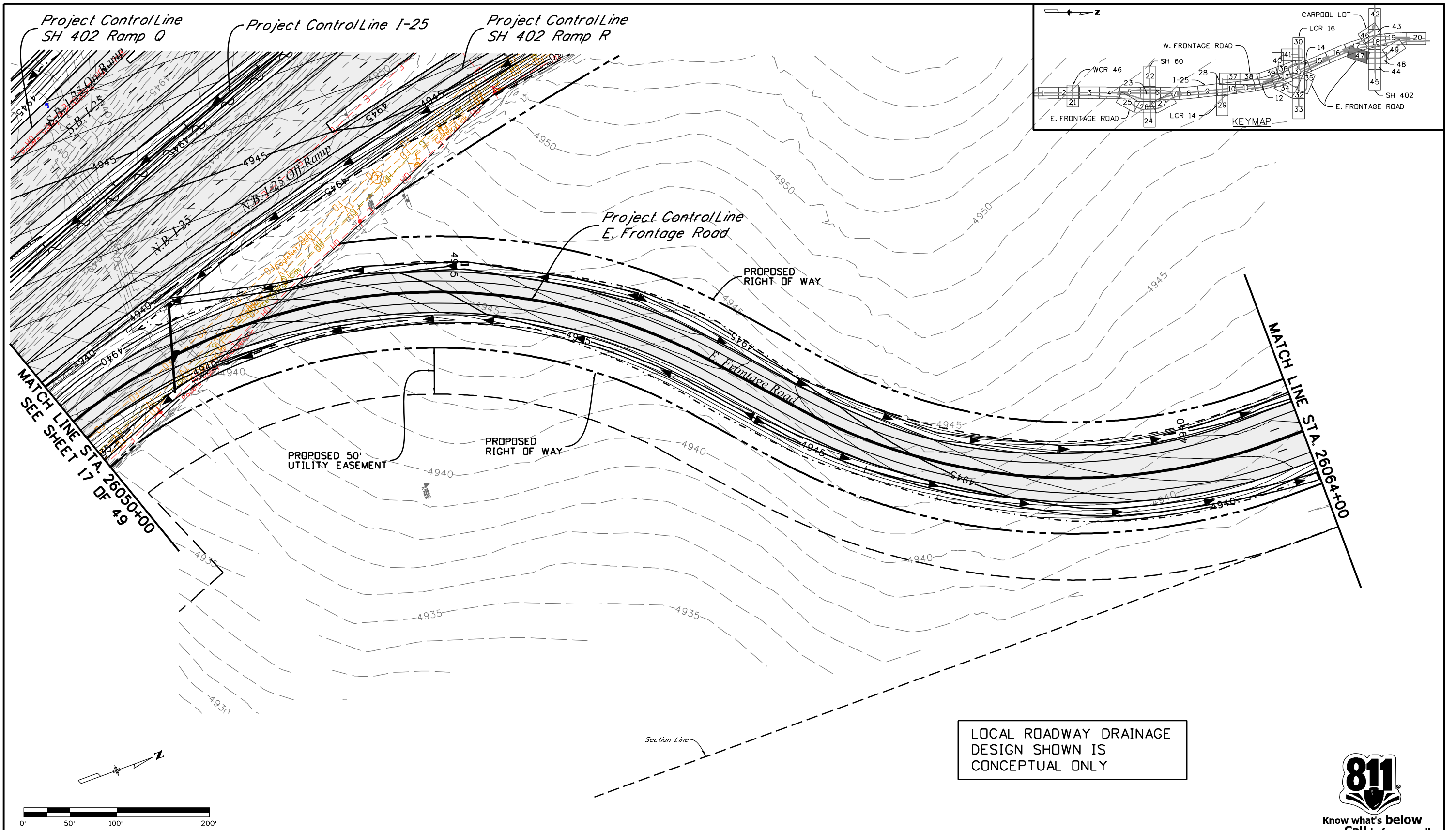
As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 SH 402 CARPOOL LOT DRAINAGE & IRRIGATION STA. 40+00 TO STA. 50+61.07	
Designer: RKZ	Structure Numbers
Detailer: LMR	Subset Sheets: 46 of 49
Sheet Subset: ROADWAY	

Project No./Code	IM 0253-220
Sheet Number	226

Know what's below
 Call before you dig.

Leath 3:26:21 PM P:\12-003.01.1-25 SH 66 to SH 56 - CDDT R-4\18319 Ultimate\Hydraulics\Drawings\1-25 Segment 6\18319HYDR_Seg6_EFR_DrainagePlan06.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8I CLR-UTIL Dark.tbl



LOCAL ROADWAY DRAINAGE
DESIGN SHOWN IS
CONCEPTUAL ONLY




Know what's below
Call before you dig.

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Seg6_EFR_DrainagePlan06.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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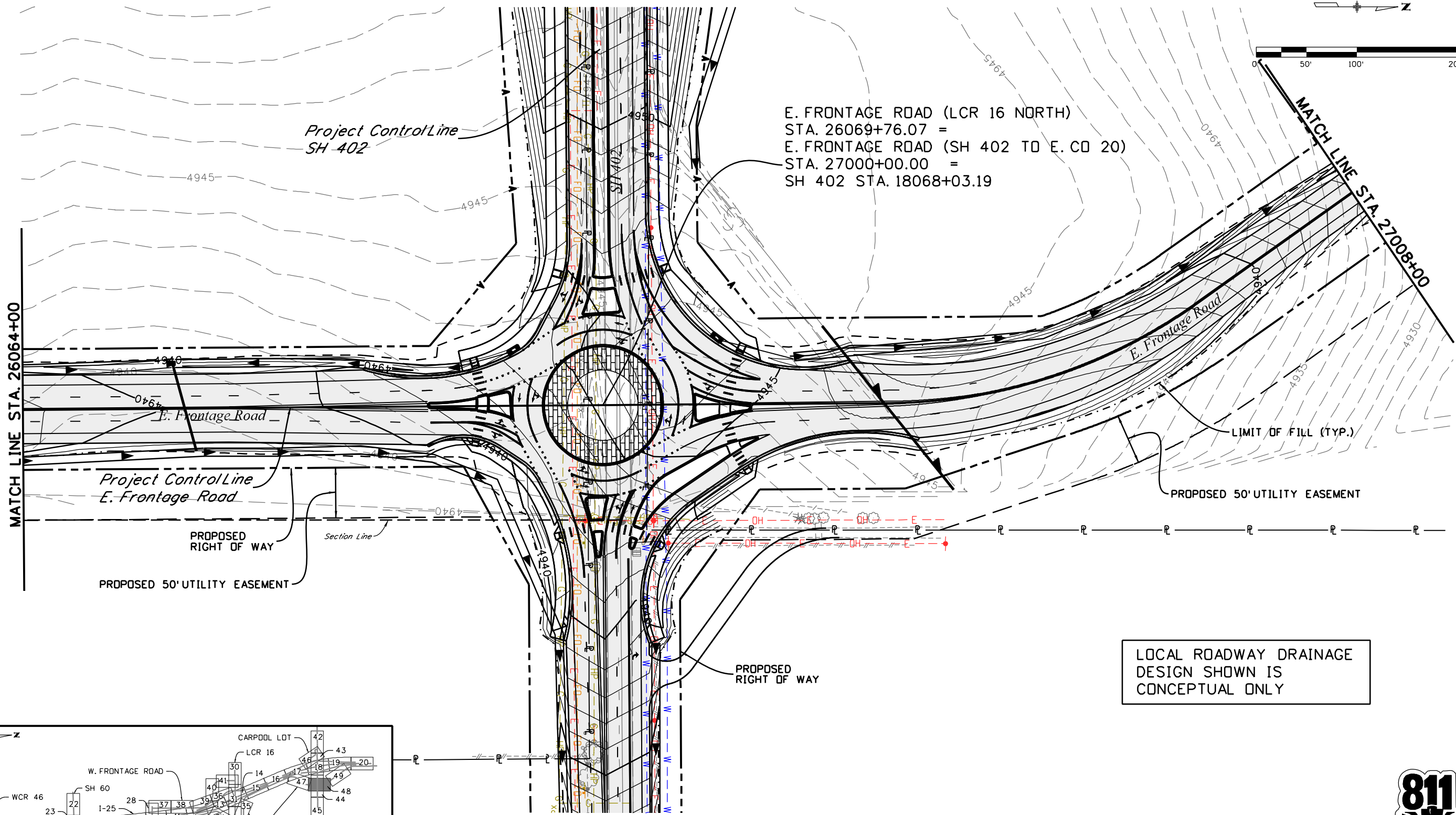
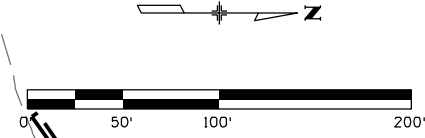
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 EFR DRAINAGE AND IRRIGATION STA. 26050+00 TO STA. 26064+00			
Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	47 of 49

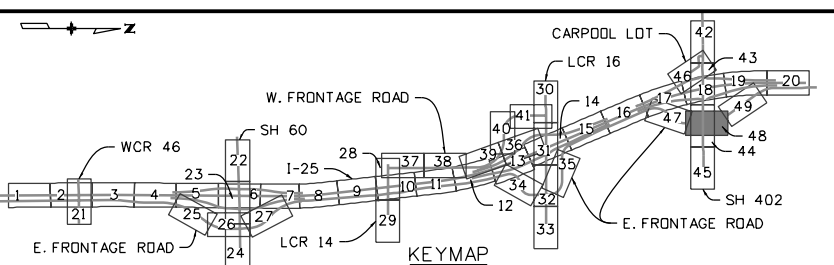
Project No./Code	IM 0253-220
	18319
Sheet Number	227

Leah 3:26:29 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_EFR_DrainagePlan07.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt c1g CDDT V8I CLR-UTIL Dark.tbl



E. FRONTAGE ROAD (LCR 16 NORTH)
 STA. 26069+76.07 =
 E. FRONTAGE ROAD (SH 402 TO E. CD 20)
 STA. 27000+00.00 =
 SH 402 STA. 18068+03.19

LOCAL ROADWAY DRAINAGE
 DESIGN SHOWN IS
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Print Date: 12/12/2016
Drawing File Name: 18319HYDR_Seg6_EFR_DrainagePlan07.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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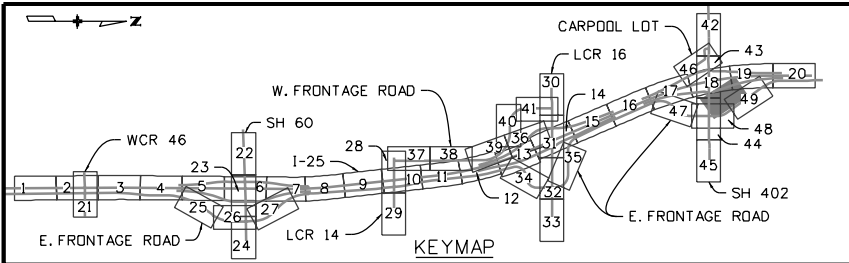
 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402	
EFR DRAINAGE AND IRRIGATION	
STA. 26064+00 TO STA. 27008+00	
Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: DRAINAGE	Subset Sheets: 48 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 228





LOCAL ROADWAY DRAINAGE DESIGN SHOWN IS CONCEPTUAL ONLY

MATCH LINE STA. 27008+00

MATCH LINE STA. 27022+00
SEE SHEET 19 OF 49

WATER QUALITY POND

PROPOSED RIGHT OF WAY

OFFSITE CULVERT

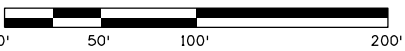
PROPOSED RIGHT OF WAY

PROPOSED 50' UTILITY EASEMENT

Project Control Line
SH 402 Ramp S

Project Control Line
E. Frontage Road

Project Control Line
I-25



Know what's below
Call before you dig.

Leah 3:26:36 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Seg6_EFR_DrainagePlan08.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8I CLR-UTIL Dark.tbl

Print Date: 12/12/2016	0000
Drawing File Name: 18319HYDR_Seg6_EFR_DrainagePlan08.dgn	
Horiz. Scale: 1:100 Vert. Scale: As Noted	
Unit Information Unit Leader Initials	
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
	20% SUBMITTAL

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10601 W. 10th Street
Greeley, CO 80634
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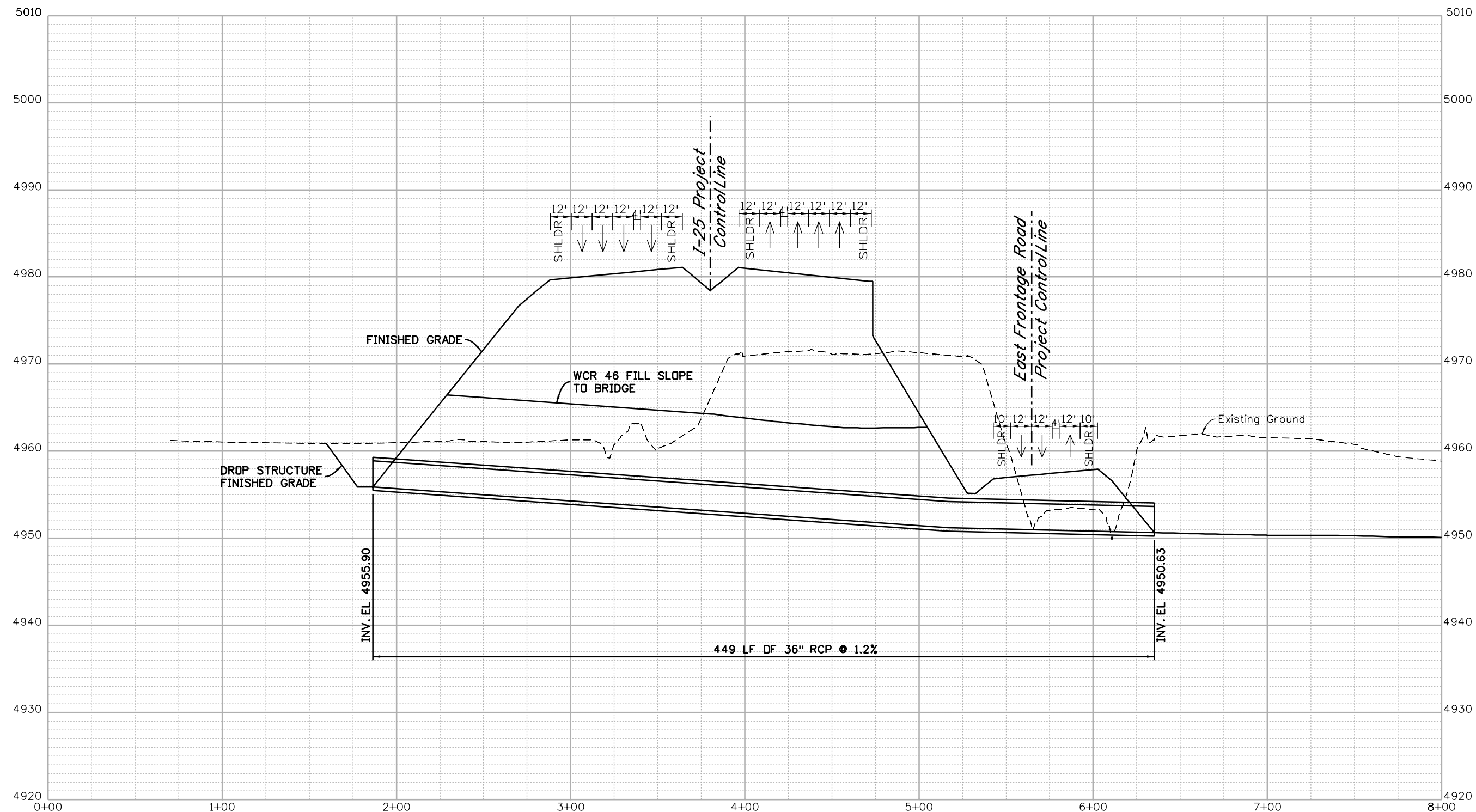
Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

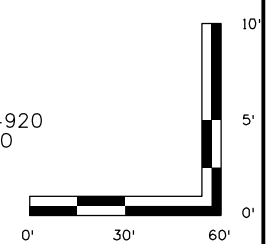
I-25 FROM N/O SH 56 TO N/O SH 402 EFR DRAINAGE AND IRRIGATION STA. 27008+00 TO STA. 27022+00			
Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	49 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 229

NOTES: 1. LOCAL ROADWAY DRAINAGE CONNECTIONS TO CULVERT CROSSINGS NOT SHOWN.
2. RIPRAP NOT SHOWN.



STA. 3133+15 CROSS CULVERT




Leah 3:26:43 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_CC_3133+15.dgn
12/12/2016 CDDT-DefaultPrinter_V8i.plt c/g CDDT V81.BW.tbl

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Prof_CC_3133+15.dgn	
Horiz. Scale: 1:60	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments

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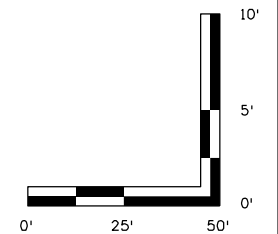
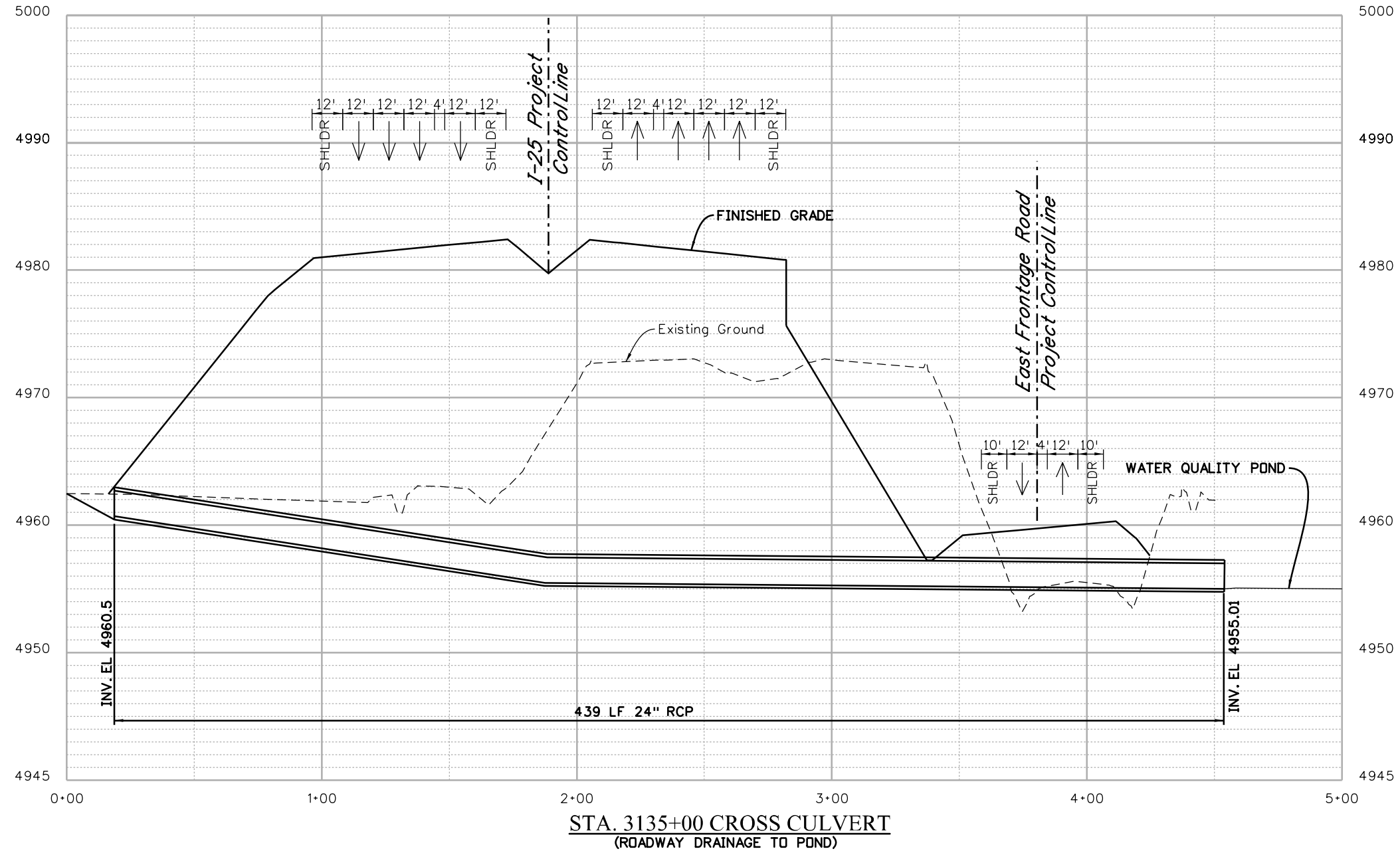
Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 CROSS CULVERT PROFILE STA. 3133+15			
Designer:	CRR	Structure Numbers	
Detailer:	LMR	Subset Sheets:	1 of 17
Sheet Subset:	PROFILE		

Project No./Code
IM 0253-220
18319
Sheet Number 230

NOTES: 1. LOCAL ROADWAY DRAINAGE CONNECTIONS TO CULVERT CROSSINGS NOT SHOWN.
2. RIPRAP NOT SHOWN.




Leah 3:26:49 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_CC_3135+00.dgn
12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I.BW.tbl

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Prof_CC_3135+00.dgn	
Horiz. Scale: 1:50	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
	20% SUBMITTAL

Colorado Department of Transportation



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Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

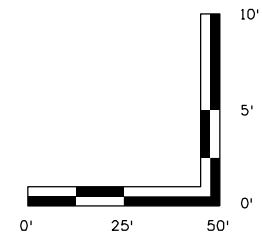
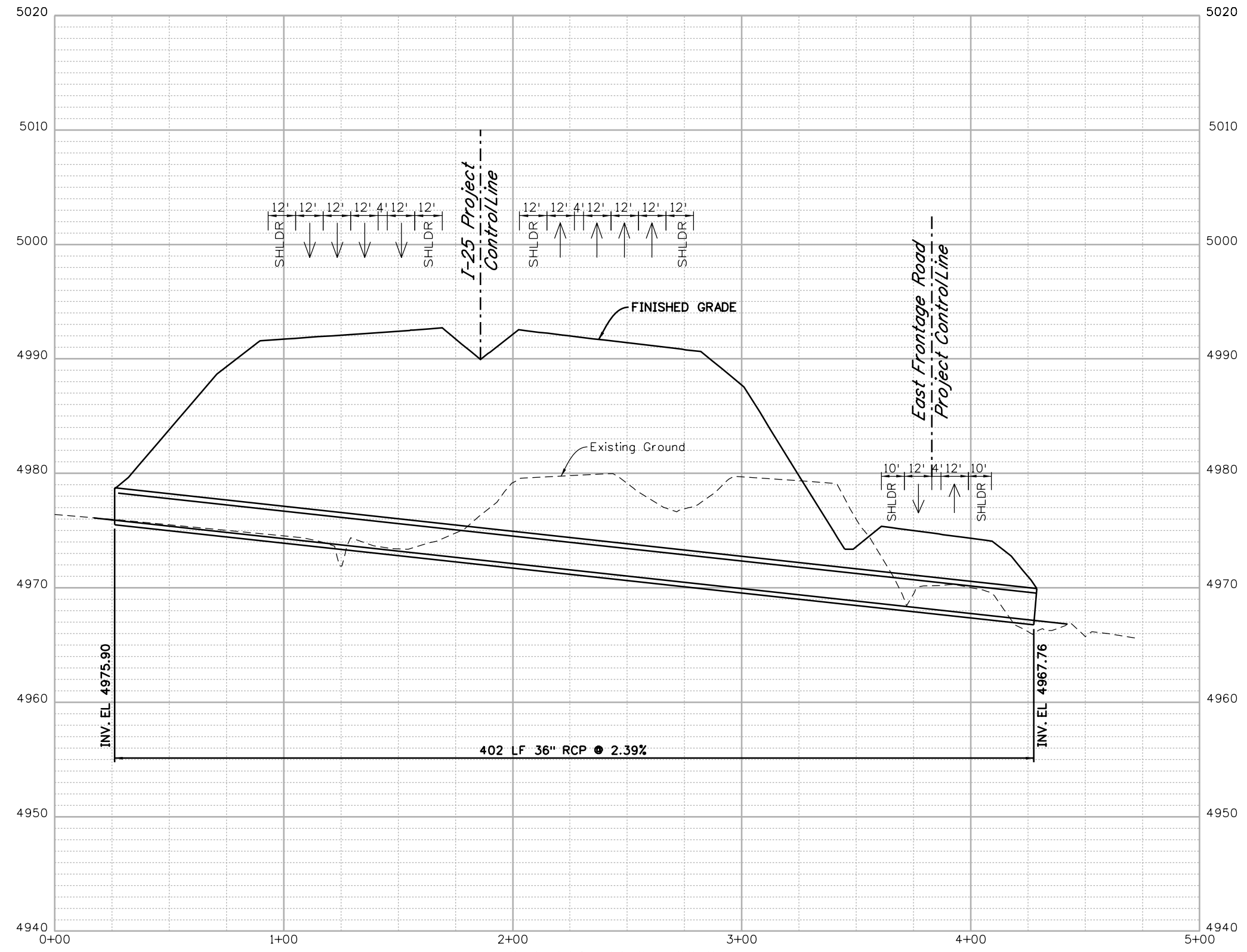
Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 CROSS CULVERT PROFILE STA. 3135+00			
Designer:	CRR	Structure Numbers	
Detailer:	LMR	Subset Sheets:	2 of 17
Sheet Subset:	PROFILE		

Project No./Code
IM 0253-220
18319
Sheet Number 231

NOTES: 1. LOCAL ROADWAY DRAINAGE CONNECTIONS TO CULVERT CROSSINGS NOT SHOWN.
2. RIPRAP NOT SHOWN.




Leah 3:26:55 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_CC_3145+91.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I.BW.tbl

STA. 3145+91 CROSS CULVERT

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Prof_CC_3145+91.dgn	
Horiz. Scale: 1:50	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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10601 W. 10th Street
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Phone: 970-350-2322 FAX: 970-350-2181

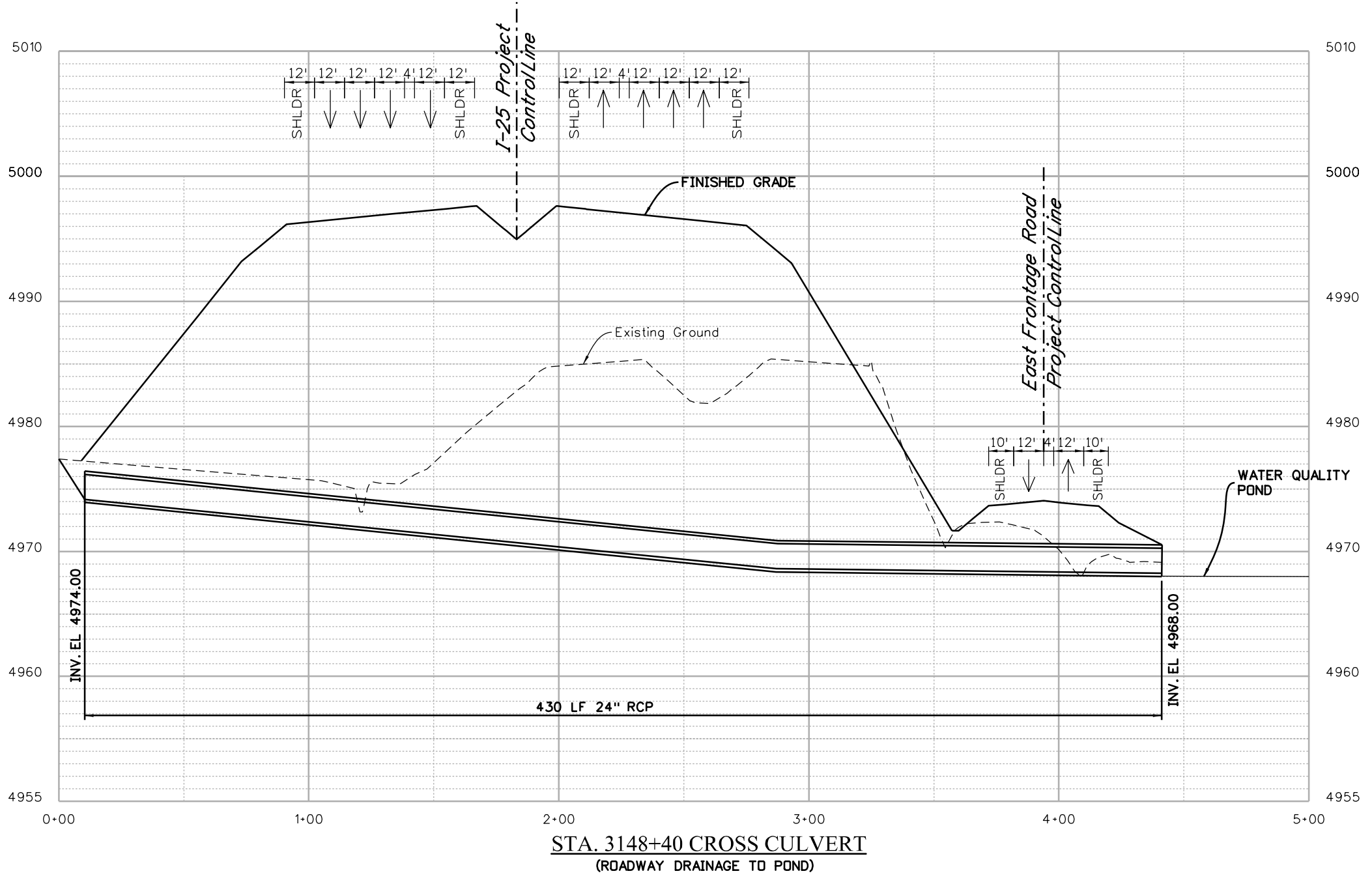
Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 CROSS CULVERT PROFILE STA. 3145+91			
Designer:	CRR	Structure Numbers	
Detailer:	LMR		
Sheet Subset:	PROFILE	Subset Sheets:	3 of 17

Project No./Code	IM 0253-220
	18319
Sheet Number	232

NOTES: 1. LOCAL ROADWAY DRAINAGE CONNECTIONS TO CULVERT CROSSINGS NOT SHOWN.
2. RIPRAP NOT SHOWN.




Leah 3:27:01 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319 Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_CC_3147+00.dgn
12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I.BW.tbl

STA. 3148+40 CROSS CULVERT
(ROADWAY DRAINAGE TO POND)

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Prof_CC_3147+00.dgn	
Horiz. Scale: 1:50	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation



10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

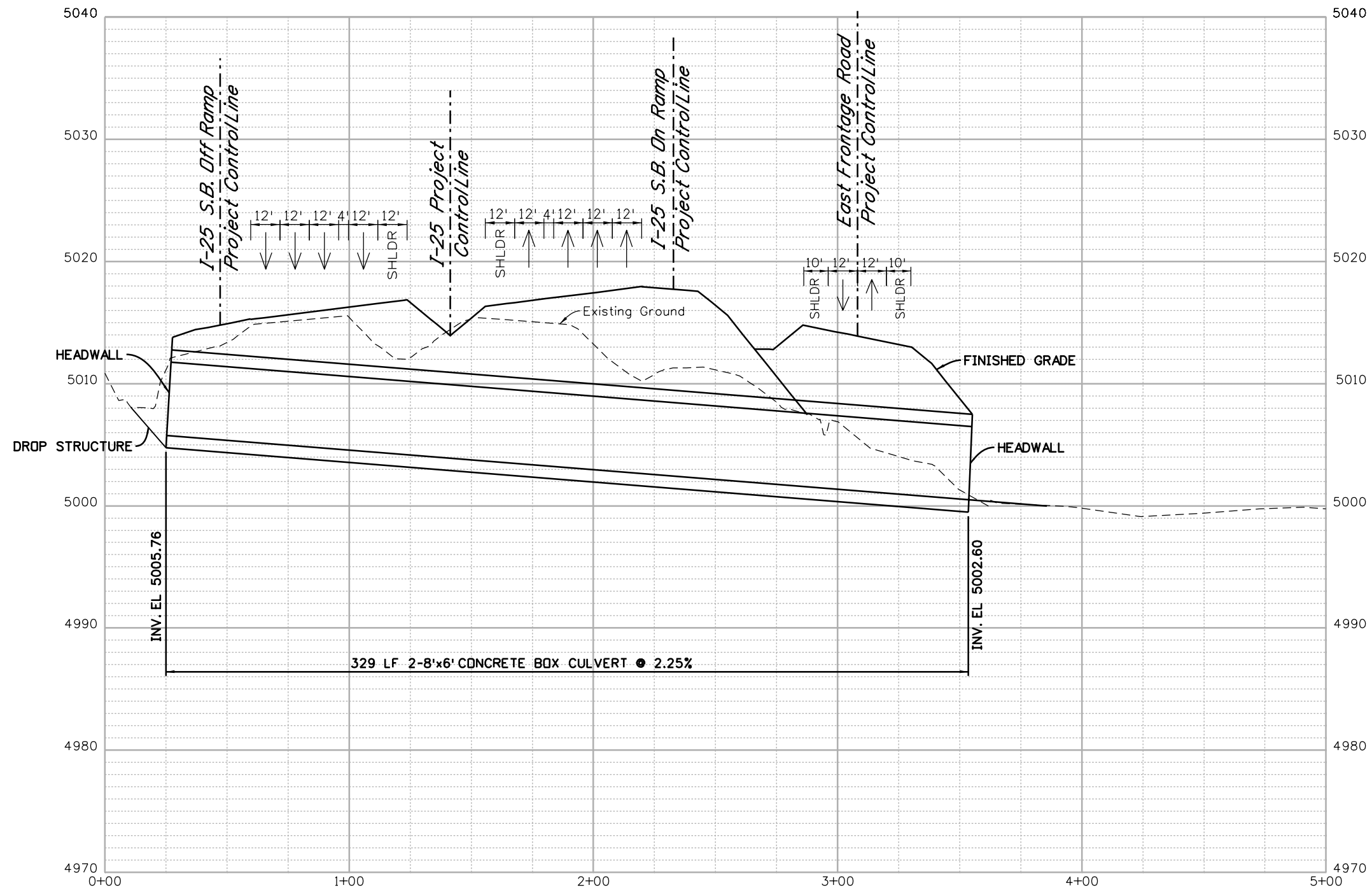
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Designer:	CRR	Structure Numbers	
Detailer:	LMR	Subset Sheets:	4 of 17
Sheet Subset:	PROFILE		

Project No./Code
IM 0253-220
18319
Sheet Number 233

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20% SUBMITTAL

NOTES: 1. LOCAL ROADWAY DRAINAGE CONNECTIONS TO CULVERT CROSSINGS NOT SHOWN.
2. RIPRAP NOT SHOWN.



STA. 3206+19 CROSS CULVERT

Leah 3:27:08 PM 12/12/2016 P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_CC_3206+19.dgn

Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Prof_CC_3206+19.dgn	
Horiz. Scale: 1:50	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions		
Date:	Comments	Init.
0000	20% SUBMITTAL	

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Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

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As Constructed
No Revisions:
Revised:
Void:

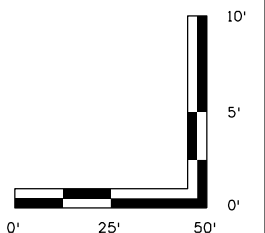
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Project No./Code
IM 0253-220
18319
Sheet Number 234

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**HILLSBORO TRIBUTARY
BRIDGES**



Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Prof_BR_3322+36.dgn	
Horiz. Scale: 1:50	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments

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 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
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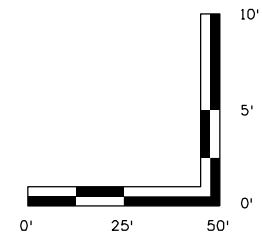
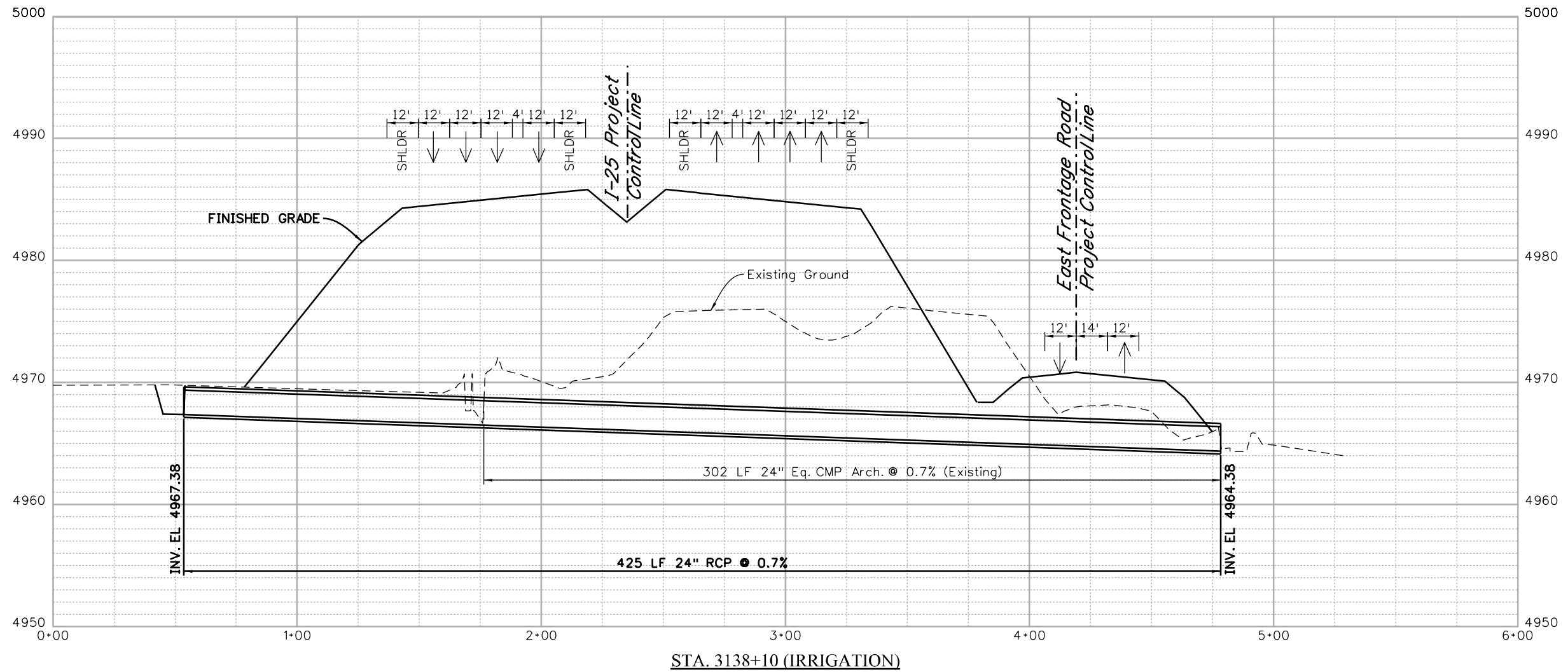
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Detailer:	LMR	Subset Sheets:	6 of 17
Sheet Subset:	PROFILE		

Project No./Code
IM 0253-220
18319
Sheet Number 235

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20% SUBMITTAL

Leah 3:27:23 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_IRR_3138+10.dgn
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Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments
	20% SUBMITTAL

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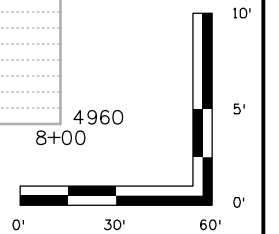
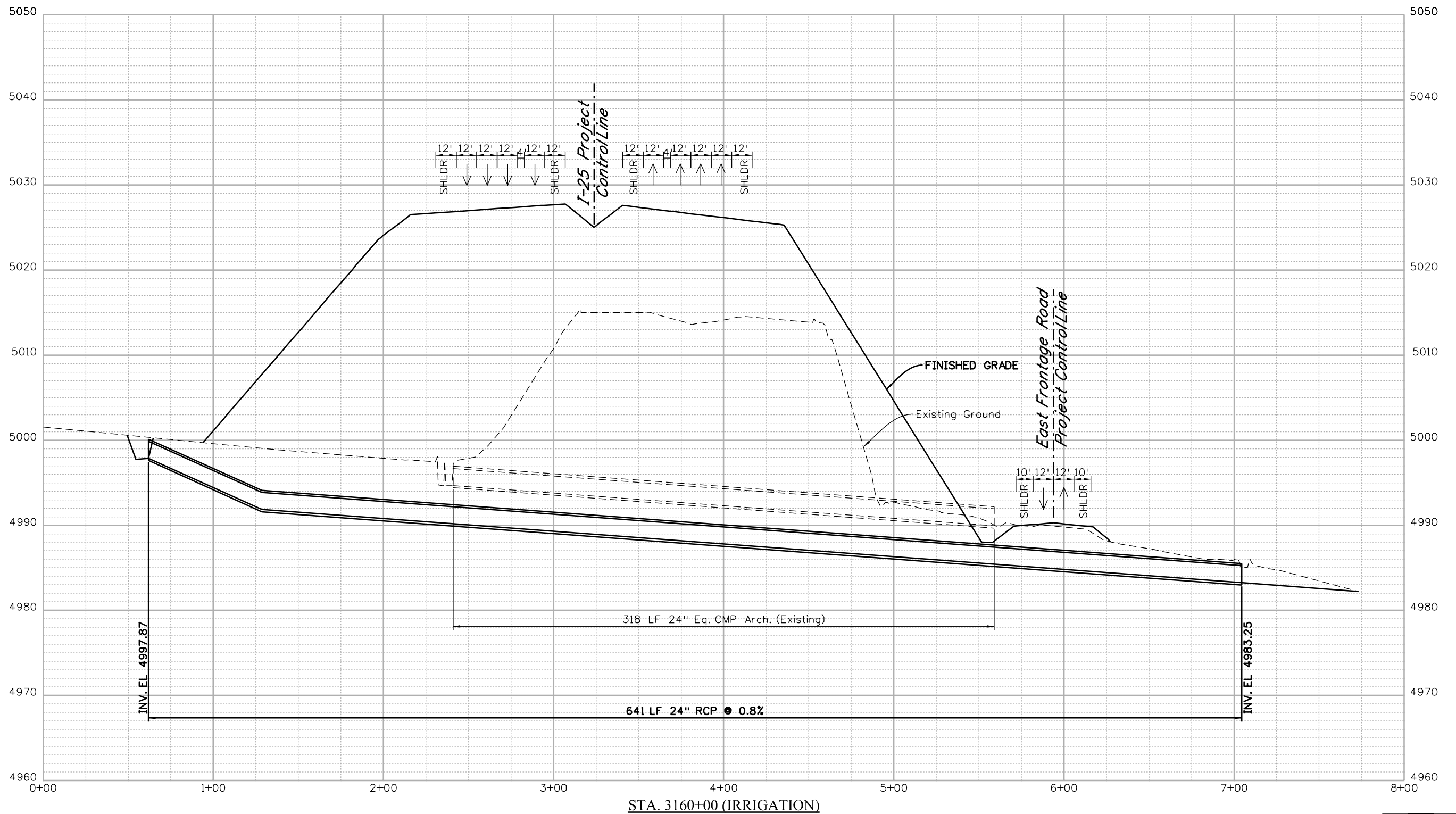
 10601 W. 10th Street
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No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 IRRIGATION CULVERT STA. 3138+10	
Designer: CRR	Structure Numbers
Detailer: LMR	
Sheet Subset: PROFILE	Subset Sheets: 7 of 17


Project No./Code	IM 0253-220
	18319
Sheet Number	236

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Drawing File Name: 18319HYDR_Prof_IRR_3160+00.dgn	
Horiz. Scale: 1:60	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions		
Date:	Comments	Init.
0000	20% SUBMITTAL	

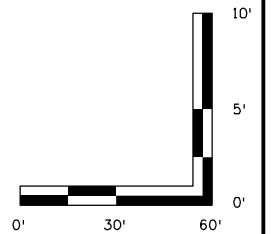
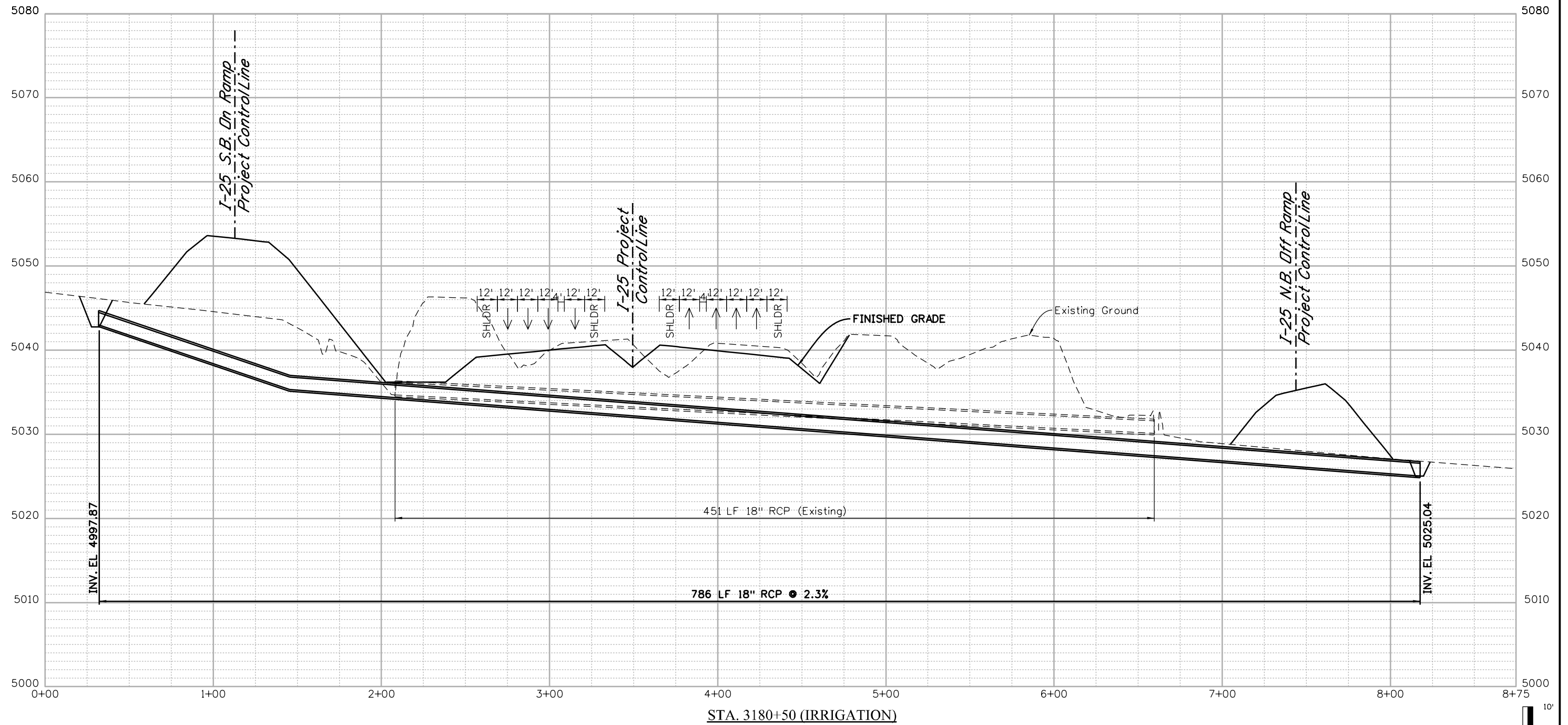
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As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402			
IRRIGATION CULVERT			
STA. 3160+00			
Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	PROFILE	Subset Sheets:	8 of 17

Project No./Code
IM 0253-220
18319
Sheet Number 237

Leah 3:27:35 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_IRR_3180+50.dgn
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Horiz. Scale: 1:60	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation

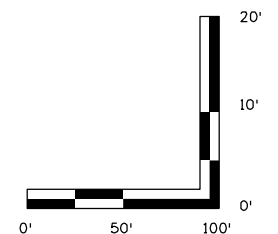
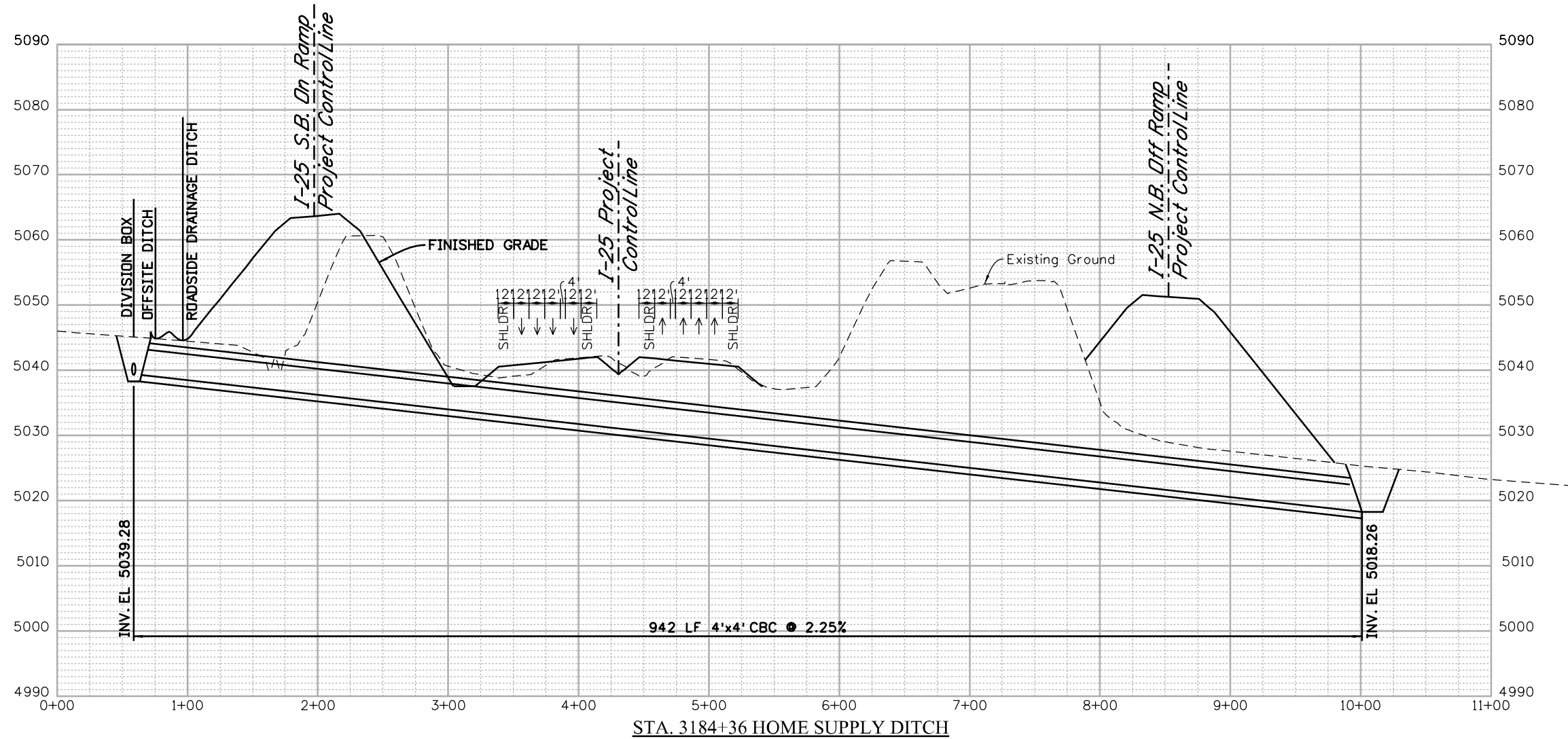
 10601 W. 10th Street
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 Region 4 CJB

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No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 IRRIGATION CULVERT STA. 3180+50	
Designer: CRR	Structure Numbers
Detailer: LMR	
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Project No./Code
IM 0253-220
18319
Sheet Number 238

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Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments
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Colorado Department of Transportation

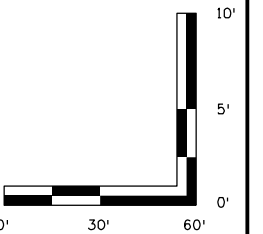
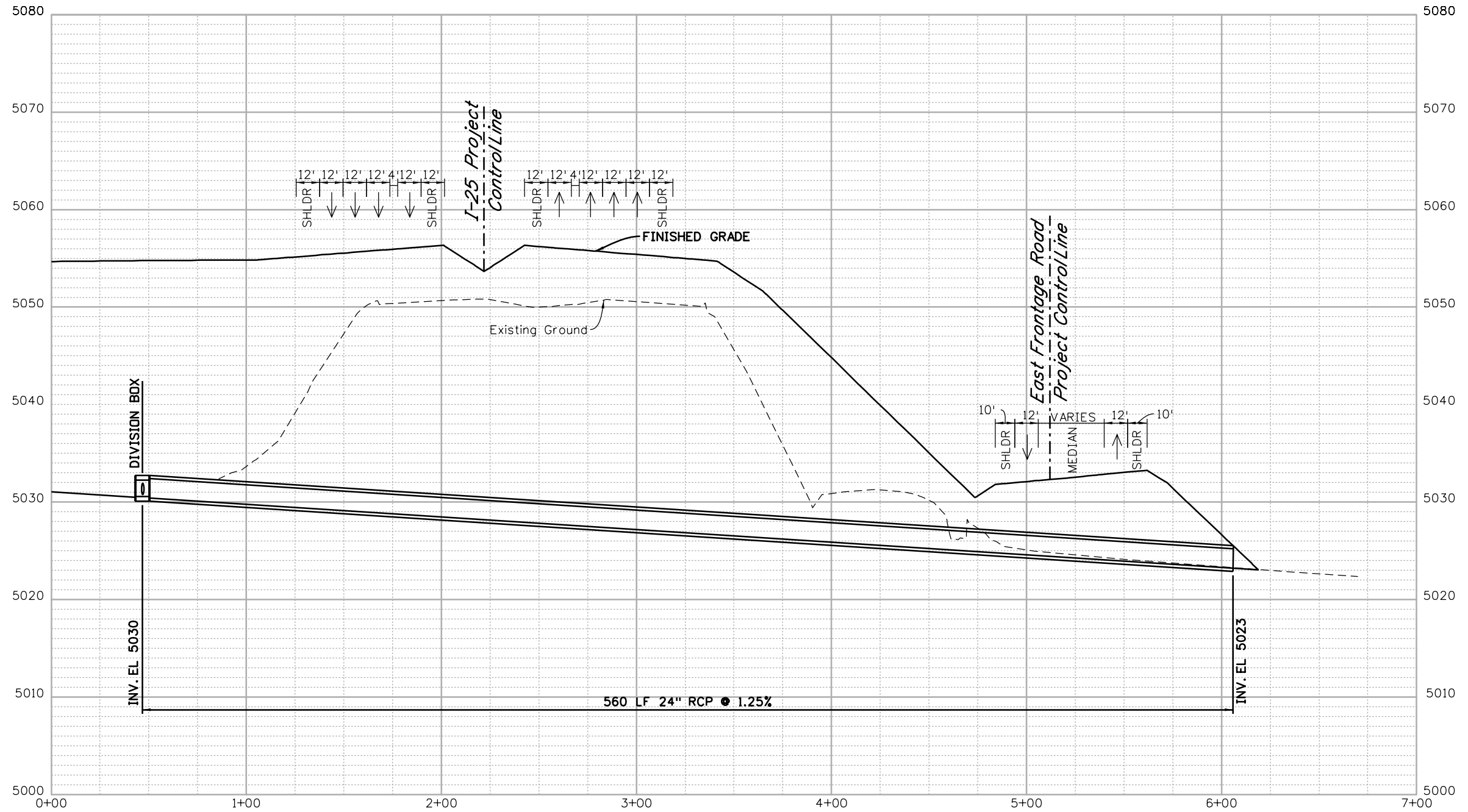
 10601 W. 10th Street
 Greeley, CO 80634
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 Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 IRRIGATION CULVERT STA. 3184+36			
Designer:	CRR	Structure Numbers	
Detailer:	LMR	Subset Sheets:	10 of 17
Sheet Subset:	PROFILE		

Project No./Code	IM 0253-220
	18319
Sheet Number	239

Leah 3:27:48 PM 12/12/2016 P:\12-003.01 I-25 SH 66 to SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_IRR_3234+50.dgn
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Unit Information	Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

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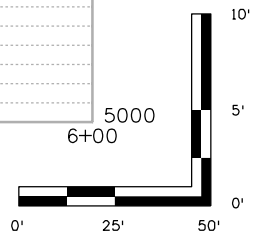
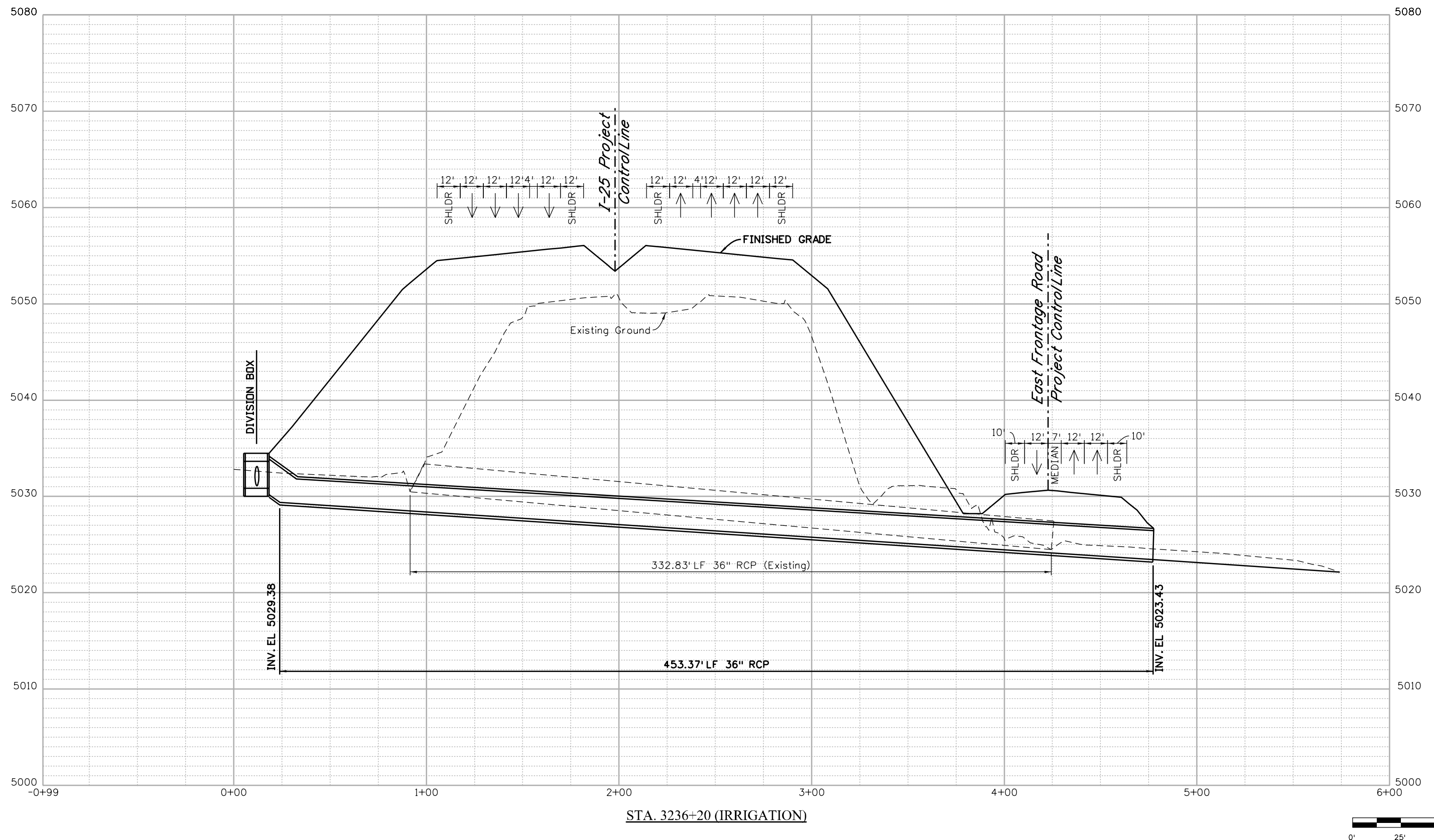
 10601 W. 10th Street
 Greeley, CO 80634
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 Region 4 CJB

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No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 IRRIGATION CULVERT STA. 3234+50			
Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
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Project No./Code	IM 0253-220
	18319
Sheet Number	240

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Horiz. Scale: 1:50	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions		
Date:	Comments	Init.
0000	20% SUBMITTAL	

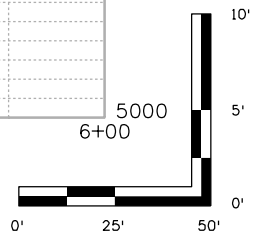
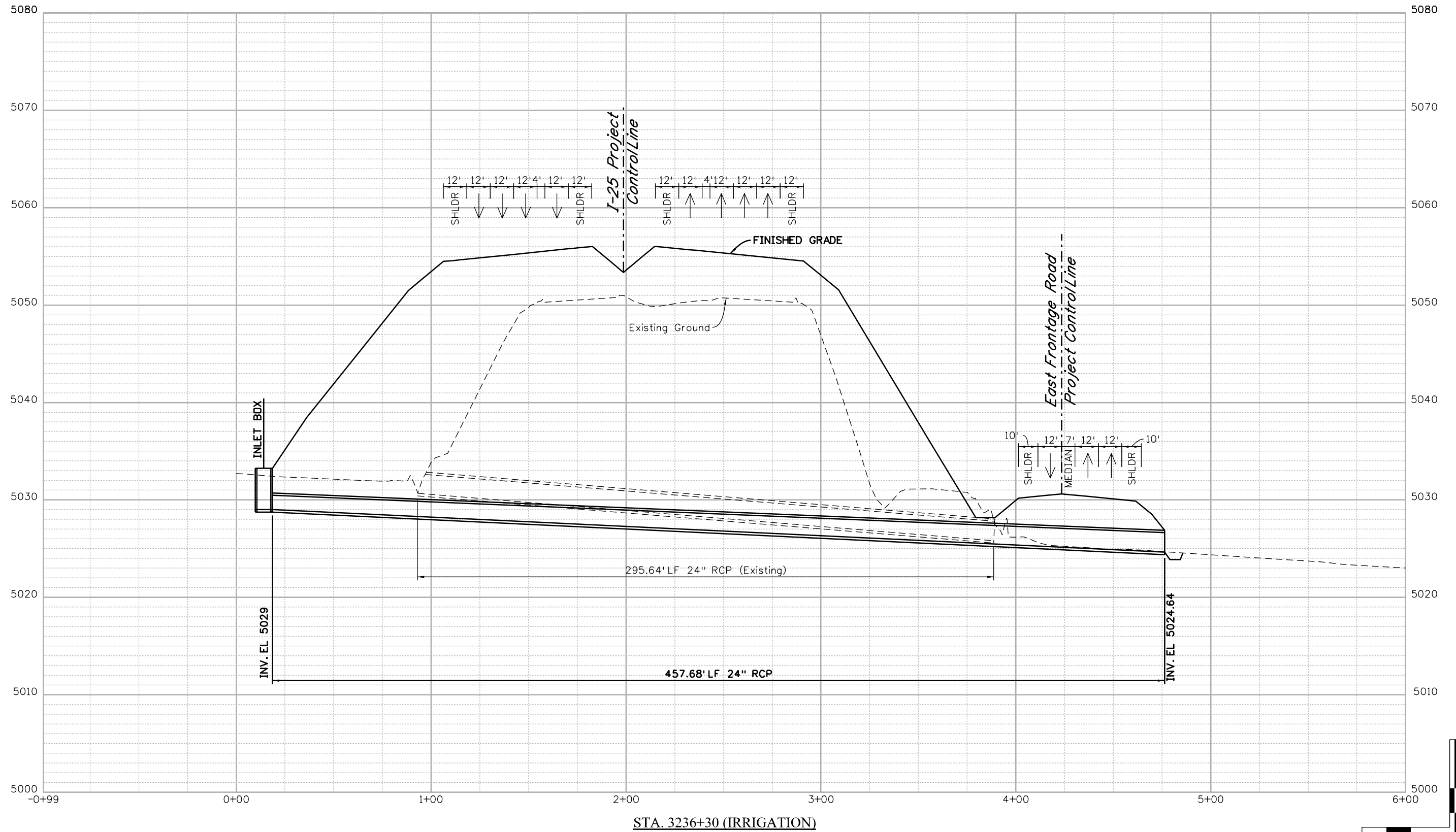
Colorado Department of Transportation

 10601 W. 10th Street
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 Region 4 CJB

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No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 IRRIGATION CULVERT STA. 3236+20			
Designer:	CRR	Structure	
Detailer:	LMR	Numbers	
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Project No./Code
IM 0253-220
18319
Sheet Number 241

Leah 3:28:00 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_IRR_3236+30.dgn
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Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments
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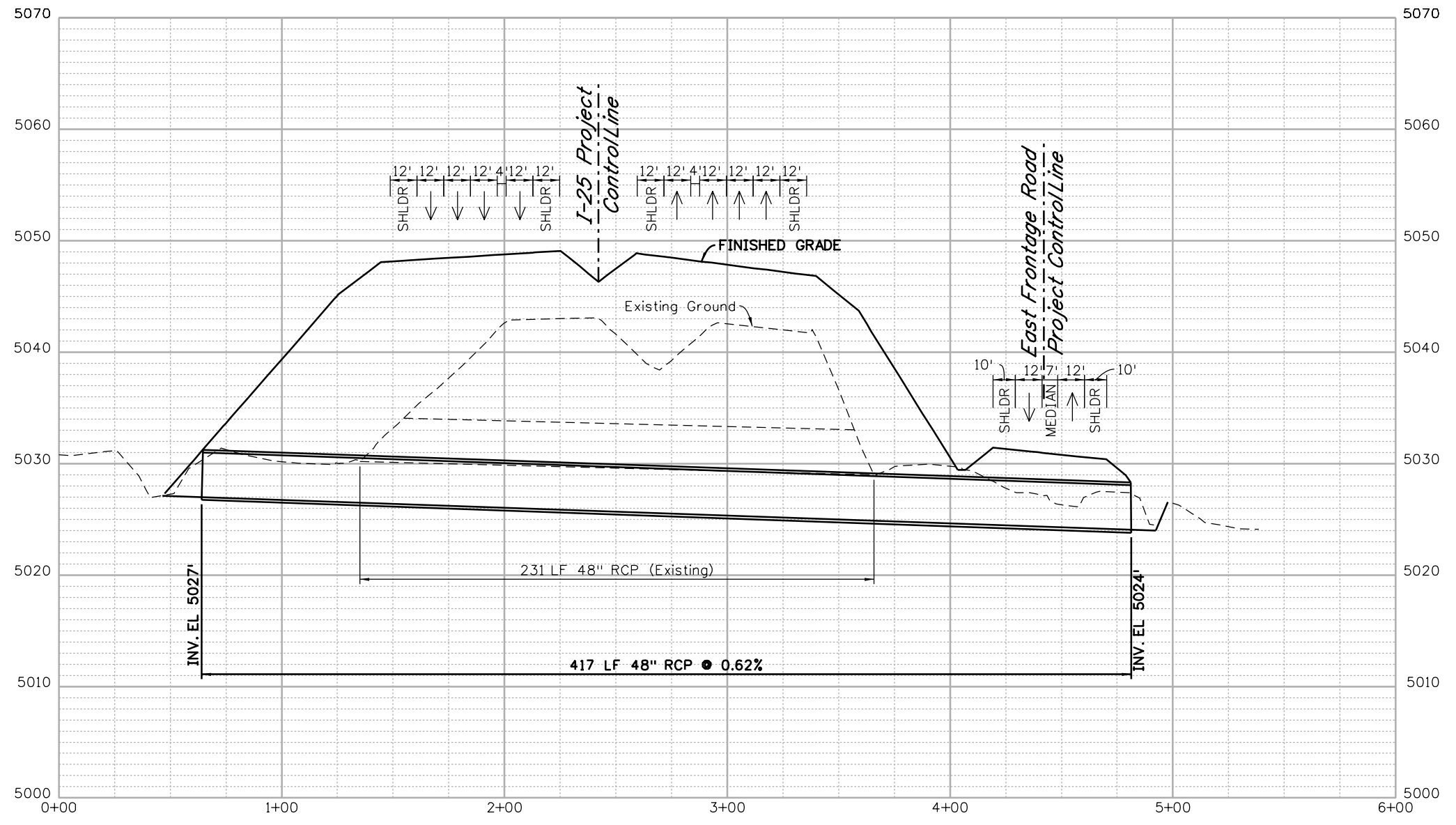
Colorado Department of Transportation
 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

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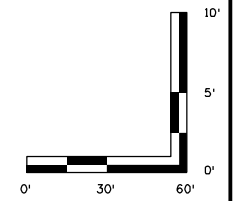
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Project No./Code	IM 0253-220
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Sheet Number	242

Leah 3:28:07 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_IRR_3242+60.dgn
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STA. 3242+60 (IRRIGATION)



Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Prof_IRR_3242+60.dgn	
Horiz. Scale: 1:60	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments

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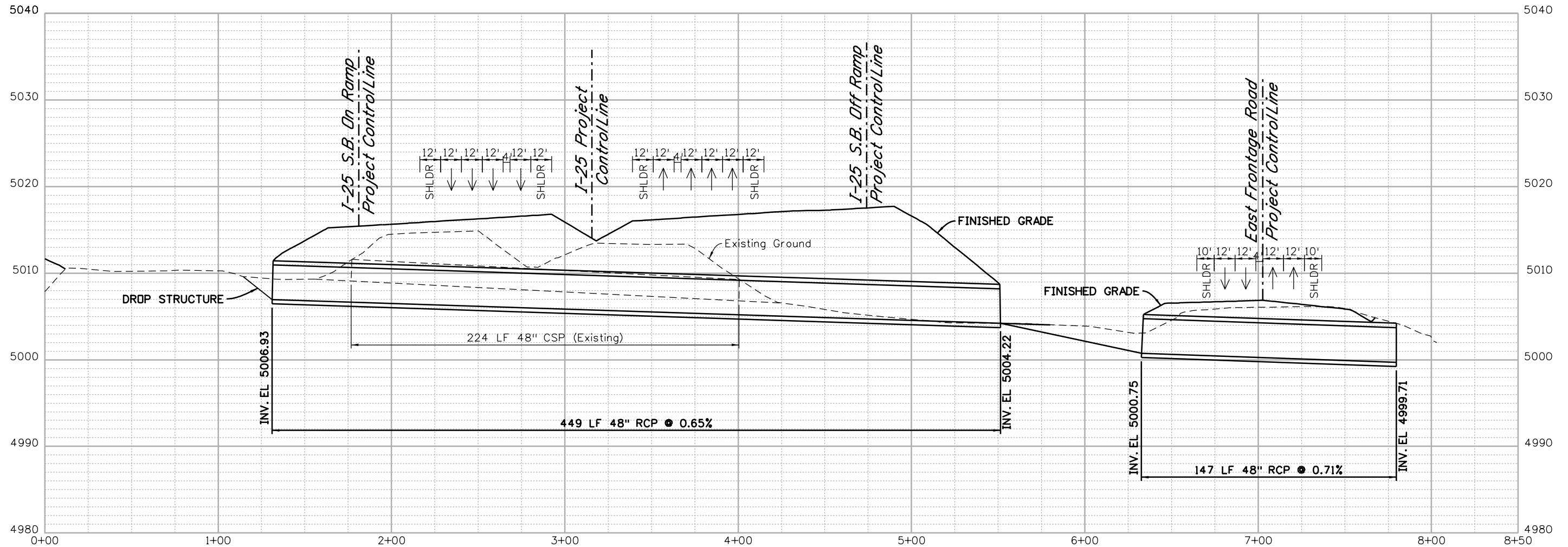
 10601 W. 10th Street
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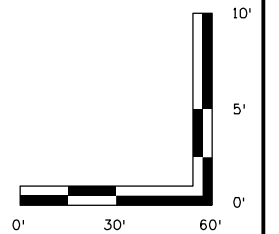
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Designer:	CRR	Structure Numbers	
Detailer:	LMR	Subset Sheets:	14 of 17
Sheet Subset:	PROFILE		

Project No./Code	IM 0253-220
	18319
Sheet Number	243

Leah 3:28:13 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_IRR_3267+20.dgn
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STA. 3267+20 (IRRIGATION)
HARRY LATERAL



Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Prof_IRR_3267+20.dgn	
Horiz. Scale: 1:60	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.
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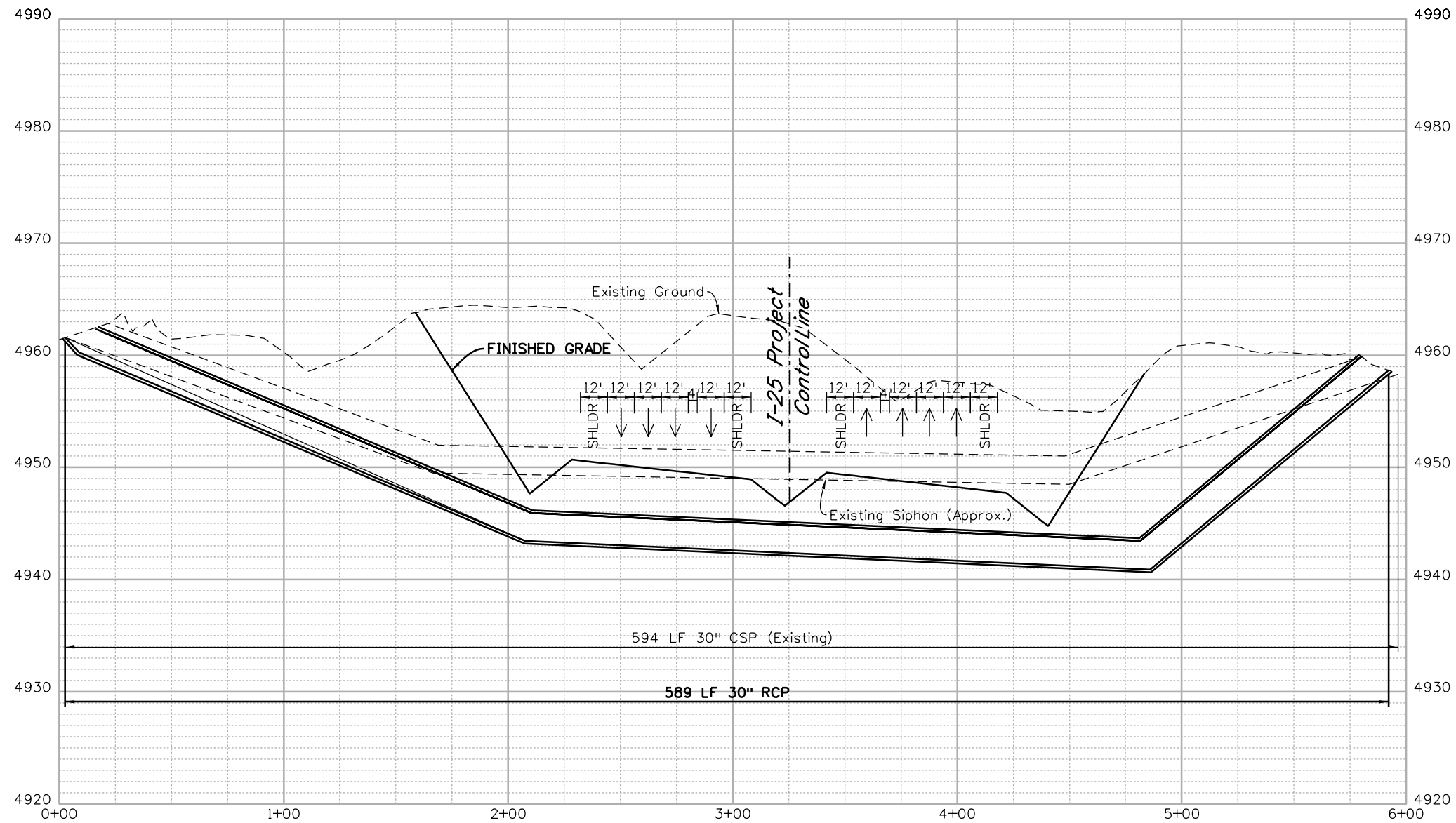
 10601 W. 10th Street
 Greeley, CO 80634
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Region 4 **CJB**

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 IRRIGATION CULVERT STA. 3267+20			
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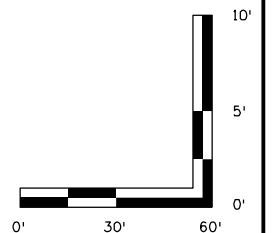
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18319
Sheet Number 244

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NOTE:
SIPHON PROFILE IS APPROXIMATE,
SIPHON LIKELY NEEDS RELOCATION.

STA. 3338+00 (IRRIGATION SIPHON)



Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Prof_IRR_3338+00.dgn	
Horiz. Scale: 1:60	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.
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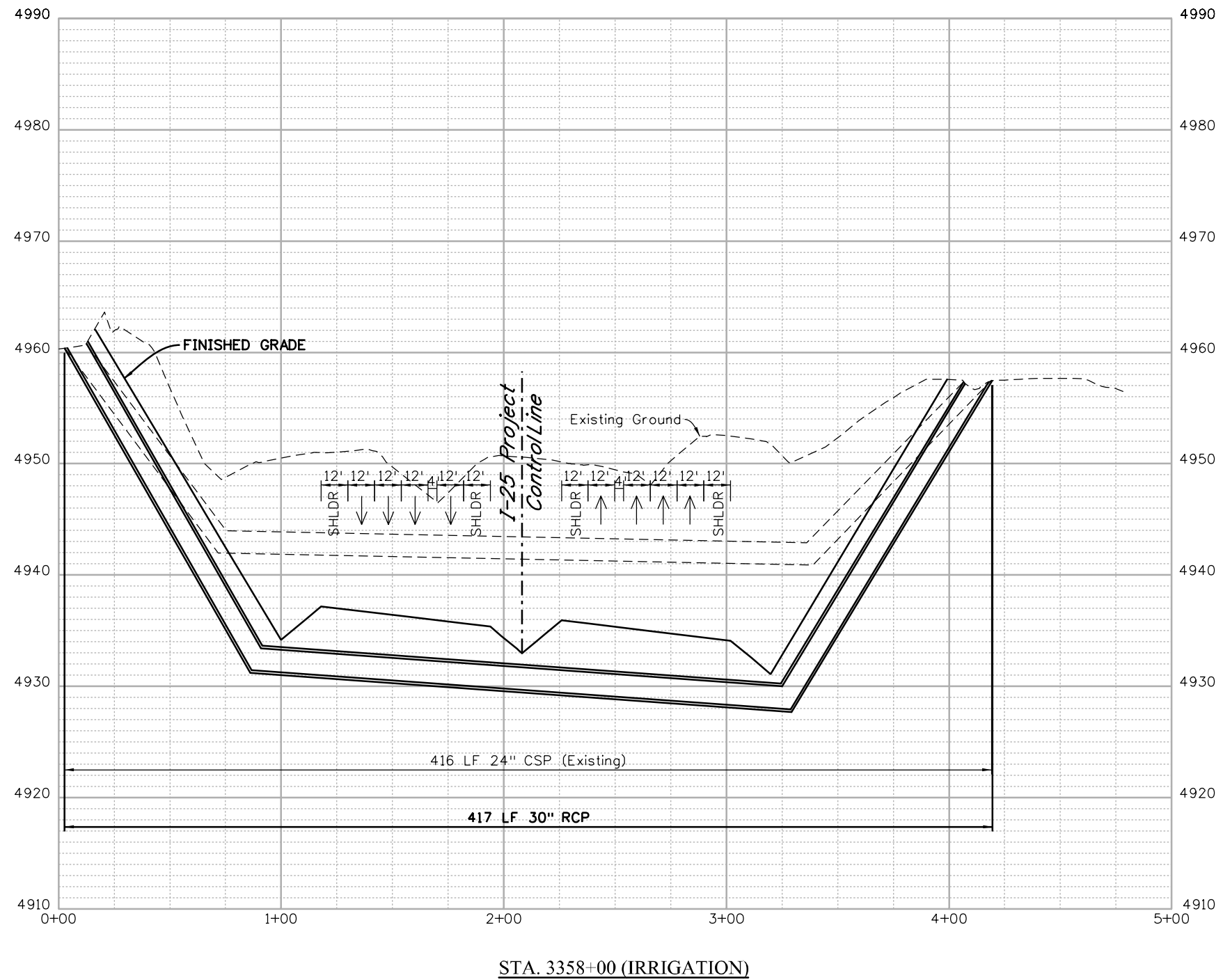
Region 4 CJB

As Constructed
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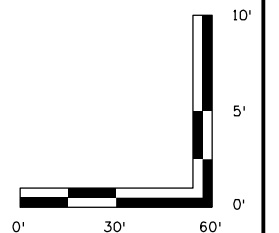
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Project No./Code
IM 0253-220
18319
Sheet Number 245

Leah 3:28:27 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Hydraulics\Drawings\I-25 Segment 6\18319HYDR_Prof_IRR_3358+00.dgn
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NOTE:
 SIPHON PROFILE IS APPROXIMATE,
 SIPHON LIKELY NEEDS RELOCATION.



Print Date: 12/12/2016	
Drawing File Name: 18319HYDR_Prof_IRR_3358+00.dgn	
Horiz. Scale: 1:60	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments

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No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 IRRIGATION CULVERT STA. 3358+00			
Designer:	CRR	Structure Numbers	
Detailer:	LMR	Subset Sheets:	17 of 17
Sheet Subset:	PROFILE		

Project No./Code
IM 0253-220
18319
Sheet Number 246

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**I-25 RECONSTRUCTION N/O SH 56 TO N/O SH 402
UTILITY MATRIX**

UIS Breakdown						Utility Information																			
Place Holder	Owner	Utility Type	Conflict #	etc	Segment #	UIS	Locale	On or Near	Begin	End	Approximate Begin/End Sta	Offset Lt/Rt	Parallel (P), Crossing (X), Encroach (E)	Overhead (OH) or Underground (UG)	Size	Material	Length In Conflict	Encasement (Size, Material, Length)	Property Interest (Easement, Public ROW, etc.)	1=Public 2=Private	Conflict	General Description - Notes on Detail Information (Abandoned, Environmental, etc.)	Conflict With	Proposed Solution	
	KMA	G	001		6	6-G-KMA-001	W	I-25	W of I-25	W of I-25	3125+00 3133+00	130'	P	UG	4"	UNK	800'		Easement	2	Y	Located within 50' Panhandle Easement. Pipes end at Oil & Gas sites, west side of I-25, N & S of WCR 46. Roadway Fill heights up to 20'.	Roadway Fill	Relocate to Proposed Utility Easement	
	KMA	G	002		6	6-G-KMA-002	S	I-25	W of I-25	W of I-25	3125+00 3159+40	90'	P	UG	8"	UNK	3440'		Easement	2	Y	Under SB I-25 pavement	Roadway	Relocate outside of CDOT R.O.W.	
	DCP	G	001		6	6-G-DCP-001	W-E	I-25	GWR	GWR	3158+50 3158+50		X	UG	6"	UNK	600'		ROW	1	Y	Under proposed GWR bridge approach slab, roadway fill	Bridge, Roadway Fill	Relocate.	
	DCP	G	002		6	6-G-DCP-002	W	WCR 46	CL of WCR 46, W side of I-25	N side of WCR 46, W side of I-25	46000+00 46003+25	60'	5'	P/X	UG	4"	UNK	350'		ROW	1	Y	Under WCR 46, approx 10' cut to bottom of subbase.	Roadway	Relocate/PIP
	UNK	G	001		6	6-G-UNK-001	E	EFR	E of EFR	E of EFR	24049+75 24049+75	27'							ROW	1	?	Gas Line Marker but no survey or key maps to identify owner or existence of gas line.		Additional investigation required.	
	UNK	G	002		6	6-G-UNK-002	W	I-25	W side SB On Ramp at LCR 16	W side SB On Ramp at LCR 16	16115+00 16115+00	30'							ROW	1	Y	Gas Air Vent but unable to locate owner or alignment.	Roadway Cut	Additional investigation required.	
	MPC	G	001		6	6-G-MPC-001	E	SH 60 E	N side SH 60 E	S side of SH 60 E	48036+50 48036+50		X	UG	8"	UNK			ROW	1	N			Protect in Pace	
	MPC	G	002		6	6-G-MPC-002	N-S	LCR 16	N side LCR 16	S side of LCR 16	16041+10 16041+10		X	UG	8"	UNK			ROW	1	N			Protect in Pace	
	XCEL	G	001		6	6-G-XCEL-001	W-E	I-25	GWR	GWR	3159+10 3159+10		X	UG	UNK	UNK			ROW	1	N	Runs along GWR, north side.	Roadway	Protect in Place	
	XCEL	G	002		6	6-G-XCEL-002	E	E side of I-25	EFR	EFR	3159+10 3159+10	245'	E	UG	Vault				ROW	1	Y	Vault in EFR pavement (SB)	Roadway	Relocate	
	XCEL	G	003		6	6-G-XCEL-003	E	E side of I-25	E side of I-25, N of SH 60	E side of I-25	3187+00 3197+40	420'	175'	P	UG	UNK	UNK	960'		ROW	1	Y	Roadway fill at SH 60 NB On Ramp	Roadway Fill	Relocate outside CDOT R.O.W.
	XCEL	G	004		6	6-G-XCEL-004	W-E	I-25	SH 60 SB Off Ramp	I-25	3197+40 3197+40	200'	175'	X	UG	UNK	UNK			ROW	1	Y	7 additional fill, gas vent in SH 60 SB Off Ramp pavement.	Roadway	Relocate vent, PIP gas line?
	XCEL	G	005		6	6-G-XCEL-005	E	I-25	E side of I-25	E side of I-25	3261+00 3282+00	280'	P	UG	UNK	UNK	2100'		ROW	1	Y	Under EFR Pavement	Roadway	Relocate.	
	XCEL	G	006		6	6-G-XCEL-006	E	I-25	E side of I-25	E side of I-25	3275+00 3280+00	300'	P	UG	UNK	UNK	500'		ROW	1	Y	Part under EFR Pavement	Roadway	Relocate.	
	XCEL	G	007		6	6-G-XCEL-007	E	I-25	E side of I-25	E side of I-25	3289+00 3380+98	250'-180'	P	UG	UNK	UNK	9200'		ROW	1	Y	Majority of line is east of existing EFR. Additional cut and fill at SH 402 interchange due to flipping the profile of I-25 in this reach.	Roadway / Roadway Cut & Fill	Relocate to Proposed Utility Easement.	
	XCEL	G	008		6	6-G-XCEL-008	E	I-25	E side of I-25	E side of I-25	3294+80 3326+00	270'-210'	P	UG	UNK	UNK	3120'		ROW	1	N			Relocate to Proposed Utility Easement.	
	XCEL	G	009		6	6-G-XCEL-009	E	I-25	E side of I-25	E side of I-25	3320+00 3325+50	270'	P	UG	UNK	UNK	550'		ROW	1	N			Relocate to Proposed Utility Easement.	
	XCEL	G	010		6	6-G-XCEL-010	W-E	SH 402 / I-25	W side of I-25, S side of SH 402	E side of I-25, S side of SH 402	3345+60 (I-25) 18034+00 (SH 402) 18082+00 (SH 402)	15'-85" (SH 402)	X (I-25) P (SH 402)	UG	UNK	UNK	500'		ROW	1	Y	SH 402 interchange, flip profile of I-25 resulting in approx 32' of cut at gas line. This line may be abandoned.	Roadway Cut	Relocate	
	XCEL	G	011		6	6-G-XCEL-011	E	E of I-25	W side of I-25, S of SH 402	N side SH 60 E	48024+00 48037+75	80'	P	UG	UNK	UNK	1400'		ROW	1	Y	Roadway fill and sidewalk conflicts	Roadway Fill / Sidewalk	Relocate	
	XCEL	G	012		6	6-G-XCEL-012	E	LCR 16	S side of LCR 16, E side of I-25	S side of LCR 16, E side I-25	16020+50 16044+20	35'	P	UG	UNK	UNK			ROW	1	N	1 valve within proposed shoulder, approx 3.6' cut to bottom of subbase.		Reset valve. Protect in place.	
	XCEL	G	013		6	6-G-XCEL-013	E	LCR 16	N side of LCR 16, E side of I-25	N side of LCR 16, E side I-25	16021+60 16023+50	10'	P	UG	UNK	UNK	200'		ROW	1	N			Protect in Place.	
	XCEL	G	014		6	6-G-XCEL-014	W	SH 402	N side of SH 402, W side of I-25	N side SH 402, W side of I-25	18042+00 18049+10	30'	P	UG	UNK	UNK	700'		ROW	1	Y	Key map location shown on south side of SH 402. Includes service line to property on n side of SH 402.	Roadway	Relocate.	
	XCEL	G	015		6	6-G-XCEL-015	E	SH 402	S side of SH 402, E side of I-25	S side SH 402, E side of I-25	18059+50 18081+50	50'	X/P	UG	UNK	UNK	1400'		ROW	1	Y	Connects into N-S line at extg EFR.	Roadway	Relocate. Protect in Place further east.	
	SRC	O	001		6	6-O-SRC-001	E	I-25	E side of I-25, E side of EFR, N side of SH 60 E	E side of I-25, E side of EFR, N side of SH 60 E	3206+00 3211+00	200'	P	UG/ Surface	UNK	UNK			Easement	2	Y	Owner taken from COGCC GIS online website. Facilities extended to the south, completed after the project survey was done.	Roadway	Relocate portions of site.	
	MOI	O	001		6	6-O-MOI-001	E	LCR 16	S side of LCR 16, E side of I-25	S side of LCR 16, E side I-25	16037+75 ?	30'	P	UG	UNK	UNK			ROW	1	N	Continues to the east. Owner taken from COGCC GIS online website.		Protect in Place.	
	XCEL	E	001		6	6-E-XCEL-001	E	EFR	E of EFR at WCR 46	E of EFR at WCR 46	24055+00 24055+50	60'	P	OH			50'		ROW	1	Y	Includes 2 poles, in intersection of WCR 46	Roadway	Relocate	
	XCEL	E	002		6	6-E-XCEL-002	E	EFR	E of EFR	E of EFR	24055+50 24068+75	60'	P	OH			1325'		ROW	1	N	Includes 5 poles.	Roadway	Relocate to proposed 50' utility easement.	
	XCEL	E	003		6	6-E-XCEL-003	E	EFR	EFR	EFR	24068+50 24068+50		X	UG	UNK		100'		ROW	1	Y	Feed to sign structure	Roadway	Relocate	

Leah 3:28:33 PM P:\12-003.01 I-25 SH 56 to SH 402 - CDOT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTL_Seg6_Utility Matrix.dgn 12/12/2016 CDOT-DefaultPrinter_V8i.plt

Print Date: 12/12/2016
 Drawing File Name: 18319UTL_Seg6_Utility Matrix.dgn
 Horiz. Scale: 1:1 Vert. Scale: As Noted
 Unit Information Unit Leader Initials

Sheet Revisions

Date:	Comments	Init.

20% SUBMITTAL

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As Constructed

No Revisions:
 Revised:
 Void:

I-25 FROM N/O SH 56 TO N/O SH 402

UTILITY MATRIX

Designer: RKZ
 Detailer: LMR
 Sheet Subset: UTILITY Subset Sheets: 1 of 6

Project No./Code

IM 0253-220


18319

Sheet Number **247**

**I-25 RECONSTRUCTION N/O SH 56 TO N/O SH 402
UTILITY MATRIX**

UIS Breakdown						Utility Information																		
Place Holder	Owner	Utility Type	Conflict #	etc	Segment #	UIS	Locale	On or Near	Begin	End	Approximate Begin/End Sta	Offset L/Rt	Parallel (P), Crossing (X), Encroach (E)	Overhead (OH) or Underground (UG)	Size	Material	Length In Conflict	Encasement (Size, Material, Length)	Property Interest (Easement, Public ROW, etc.)	1=Public 2=Private	Conflict	General Description - Notes on Detail Information (Abandoned, Environmental, etc.)	Conflict With	Proposed Solution
	XCEL	E	004		6	6-E-XCEL-004	E	EFR	EFR	EFR	24068+75 24078+00	30'	60'	X/P	OH		925'		ROW	1	Y	Includes 4 poles, pedestals.	Roadway	Relocate to proposed 50' utility easement.
	XCEL	E	005		6	6-E-XCEL-005	E	I-25	E side of I-25	E side of I-25	3155+00 3212+00		230'	P	OH	UNK	5700'		ROW	1	Y	Includes 25 poles, pedestals.	Roadway	Relocate to proposed 50' utility easement.
	XCEL	E	006		6	6-E-XCEL-006	E/W	I-25	I-25 S of SH 60	I-25 S of SH 60	3170+00 3186+00	45'	Varies	X/P	UG		1650'		ROW	1	Y	Includes 9 light standards, pedestals. Feeds ramps on S side of SH 60 interchange.	Roadway	Relocate to new light standard locations.
	XCEL	E	007		6	6-E-XCEL-007	E	I-25	E side of I-25, N of SH 60	E side of I-25, N of SH 60	3195+00 3202+75		70'	P	UG		1000'		ROW	1	Y	Feeder lines to ramp on NE side of SH 60 interchange.	Roadway	Relocate to new ramp locations.
	XCEL	E	008		6	6-E-XCEL-008	E	WCR 46	N side of WCR 46	N side of WCR 46	46008+30 46013+00	25'		P	OH		550'		ROW	1	Y	Includes 4 poles.	Roadway	Relocate
	XCEL	E	009		6	6-E-XCEL-009	E	SH 60 E	E of I-25, N side SH60 E	E of I-25, N side SH60 E	48024+00 48030+50	50'		P	OH	UNK	650'		ROW	1	Y	Includes 3 poles.	Roadway	Relocate
	XCEL	E	010		6	6-E-XCEL-010	E	SH 60 E	E of I-25, N side SH60 E	E of I-25, N side SH60 E	48030+50 48037+75	60'		P	UG	UNK	700'		ROW	1	Y		Roadway	Remove.
	XCEL	E	011		6	6-E-XCEL-011	E	EFR	E of EFR, N of SH60 E	E of EFR, N of SH60 E	25000+50 25004+00		50'	P	OH	UNK	90'		ROW	1	Y	Includes 2 poles.	Roadway	Remove.
	PVREA	E	001		6	6-E-PVREA-001	W	I-25	S of WCR 46	At WCR 46	3125+00 3132+70	50'		P	OH	UNK	770'		ROW	1	Y	Includes 4 poles & guy wire.	Roadway / Bridge	Relocate.
	PVREA	E	002		6	6-E-PVREA-002	W	I-25	N of WCR 46	N of WCR 46	3133+20 3133+20			X	UG	UNK	120'		ROW	1	Y		Roadway / Bridge	Relocate.
	PVREA	E	003		6	6-E-PVREA-003	W	SH 60	SH 60 SB Off Ramp (Extg)	SH 60 SB Off Ramp (Extg)	3186+40 3201+00	250'-90'		P	UG	UNK	1700'		ROW	1	Y	Existing electric feeding lights for existing SB Off Ramp at SH 60.	Roadway	Relocate.
	PVREA	E	004		6	6-E-PVREA-004	W	W side of I-25	N of SH 60	W side of I-25	3187+00 3212+00	280'-130'		P	UG	UNK	2500'		ROW	1	Y	Runs along W side of I-25, conflicts with wall at Loaf n Jug, I-25 roadway pavement.	Roadway / Wall	Relocate outside of CDOT R.O.W.
	PVREA	E	005		6	6-E-PVREA-005	W-E	I-25	W side of I-25	E side of I-25	3212+00 3212+00			X	UG	UNK			ROW	1	N	Approx 4.5' cut to bottom of subgrade	Roadway	Protect in Place.
	PVREA	E	006		6	6-E-PVREA-006	E	I-25	E side of I-25	E side of I-25	3212+00 3238+00	180'		P	UG	UNK	2600'		ROW	1	Y	Under EFR pavement	Roadway	Relocate to Proposed Utility Easement.
	PVREA	E	007		6	6-E-PVREA-007	W-E	I-25	W side of I-25, S of LCR 14	E side of I-25, S of LCR 14	3234+80 3234+80			X	UG	UNK	300'		ROW	1	Y	Approx 6' additional fill, survey calls off substation on either end of line.	Roadway	Relocate to Outside CDOT R.O.W.
	PVREA	E	008		6	6-E-PVREA-008	W	I-25	W side of I-25	W side of I-25	3236+25 3241+50	120'		P	UG	UNK	500'		ROW	1	Y	Approx 17' additional fill, 1 pullbox & 1 meter included.	Roadway Fill	Relocate to Outside CDOT R.O.W.
	PVREA	E	009		6	6-E-PVREA-009	E	I-25	E side of I-25, S of LCR 14	E side of I-25, S of Market Place Dr	3234+50 3262+50	190'		P	UG	UNK	2800'		ROW	1	Y	Pavement or/and EFR roadway cut/fill conflicts. Includes 14 poles, 1 guy wire.	Roadway	Relocate.
	PVREA	E	010		6	6-E-PVREA-010	W	I-25	W side of I-25	W side of I-25	3249+00 3249+00	170'		E	OH	UNK	40'		ROW	1	Y	Remove 1 pole, guy wire	Roadway	Relocate to Outside CDOT R.O.W.
	PVREA	E	011		6	6-E-PVREA-011	W	I-25	W side of I-25	W side of I-25	3252+50 3252+50	110'		E	UG	UNK			ROW	1	Y	1 electric pedestal. No locate of UG line	Roadway	Relocate to Outside CDOT R.O.W.
	PVREA	E	012		6	6-E-PVREA-012	E	I-25	E side of I-25	E side of I-25	3270+20 3278+70		30'-400'	P/X	UG	UNK	1200'		ROW	1	Y	Feeder lines to 4 light standards at NB slip off ramp. 1 pedestal, 1 pullbox, 1 vault in proposed EFR intersection with new south access into Johnstown's Corner.	Roadway	Relocate to Outside CDOT R.O.W.
	PVREA	E	013		6	6-E-PVREA-013	E	I-25	E side of I-25	E side of I-25	3280+50 3282+50		350'	P	UG	UNK			ROW	1	Y	2 pullboxes, 1 pedestal in conflict	Roadway	Relocate.
	PVREA	E	014		6	6-E-PVREA-014	W	I-25	W side of I-25	W side of I-25	3295+00 3342+00	170'-60'		P	OH	UNK	4700'		ROW	1	Y	Includes 21 poles, transformers, pedestals, pullboxes	Roadway	Relocate.
	PVREA	E	015		6	6-E-PVREA-015	W	I-25	W side of I-25	W side of I-25	3297+00 3304+00	60'		P	UG	UNK	550'		ROW	1	Y	Feeder lines to 4 light standards at SB Off Ramp at LCR 16	Roadway	Relocate.
	PVREA	E	016		6	6-E-PVREA-016	E	I-25	E side of I-25	E side of I-25	3294+40 3301+20	265'		P	OH	UNK	680'		ROW	1	Y	Conflicts with proposed EFR pavement, includes 4 poles.	Roadway	Relocate.
	PVREA	E	017		6	6-E-PVREA-017	E	I-25	E side of I-25	E side of I-25	3320+00 3373+50	230'		P	OH	UNK	5350'		ROW	1	Y	Includes 18 poles, transformers, pedestals, pullboxes. I-25 interchange at SH 402 profile flip.	Roadway	Relocate.
	PVREA	E	018		6	6-E-PVREA-018	E	I-25	E side of I-25	E side of I-25	3373+50 3380+98	190'		P	UG	UNK	750'		ROW	1	Y	Under EFR pavement	Roadway	Relocate.
	PVREA	E	019		6	6-E-PVREA-019	W	I-25	W side of I-25	W side of I-25	3331+00 3337+00	100'		P	UG	UNK	600'		ROW	1	Y	Feeder lines to 3 light standards at SH 402 SB On Ramp	Roadway	Relocate.
	PVREA	E	020		6	6-E-PVREA-020	E	I-25	E side of I-25	E side of I-25	3330+00 3335+00	100'		P	UG	UNK	500'		ROW	1	Y	Feeder line to 2 light standards.	Roadway	Relocate.
	PVREA	E	021		6	6-E-PVREA-021	W-E	I-25	W side of I-25	E side of I-25	3344+30 3342+00			X	UG	UNK	500'		ROW	1	Y	30' Cut at I-25 due to flipping I-25 profile at SH 402	Roadway	Relocate.
	PVREA	E	022		6	6-E-PVREA-022	W/E	I-25	W side of I-25	E side of I-25	3354+50 3365+40	180'	170'	P/X	UG	UNK	1500'		ROW	1	Y	Feeder lines to Ramps N of SH 402. Includes 6 light standards.	Roadway	Relocate.
	PVREA	E	023		6	6-E-PVREA-023	W-E	I-25	W side of I-25	E side of I-25	3372+80 3372+80			X	OH	UNK	320'		ROW	1	Y		Roadway	Relocate.
	PVREA	E	024		6	6-E-PVREA-024	W	WCR 46	W side of I-25	W side of I-25	46000+00 46004+65		25'	P	OH	UNK	465'		ROW	1	Y		Roadway	Relocate.
	PVREA	E	025		6	6-E-PVREA-025	W	WCR 48	N side WCR 48, W side of I-25	N side WCR 48, W side of I-25	48010+00 48017+00	50'-100'		P	UG	UNK	700'		ROW	1	Y	Conflict with wall and roadway	Roadway / Wall	Relocate.

Leah 3:28:39 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDOT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTL_Seg6_UTILITY Matrix.dgn 12/12/2016 CDOT-DefaultPrinter_V8i.plt;cg CDOT V8I CLR-UTL.tbl


Print Date: 12/12/2016
 Drawing File Name: 18319UTL_Seg6_UTILITY Matrix.dgn
 Horiz. Scale: 1:1 Vert. Scale: As Noted
 Unit Information Unit Leader Initials


Sheet Revisions

Date:	Comments

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As Constructed	I-25 FROM N/O SH 56 TO N/O SH 402		Project No./Code
No Revisions:	UTILITY MATRIX		IM 0253-220
Revised:	Designer: RKZ	Structure Numbers	18319
Void:	Detailer: LMR	Subset Sheets: 2 of 6	Sheet Number 248

**I-25 RECONSTRUCTION N/O SH 56 TO N/O SH 402
UTILITY MATRIX**

Place Holder	UIS Breakdown					Utility Information																		Conflict With	Proposed Solution	
	Owner	Utility Type	Conflict #	etc	Segment #	UIS	Locale	On or Near	Begin	End	Approximate Begin/End Sta	Offset L/Rt	Parallel (P), Crossing (X), Encroach (E)	Overhead (OH) or Underground (UG)	Size	Material	Length In Conflict	Encasement (Size, Material, Length)	Property Interest (Easement, Public ROW, etc.)	1=Public 2=Private	Conflict	General Description - Notes on Detail Information (Abandoned, Environmental, etc.)				
	PVREA	E	026		6	6-E-PVREA-026	W	WCR 48	N side WCR 48, W side of I-25	N side WCR 48, W side of I-25	48010+00	48017+00	30'		P	OH	UNK		700'		ROW	1	Y		Roadway	Relocate.
	PVREA	E	027		6	6-E-PVREA-027	W	LCR 14	N side LCR 14, W side of I-25	N side LCR 14, W side of I-25	50003+00	50004+50	25'		P	OH	UNK		150'		ROW	1	Y	Roadway fill slope, includes 3 poles	Roadway	Relocate.
	PVREA	E	028		6	6-E-PVREA-028	E	LCR 14	N side LCR 14, E side of I-25	N side LCR 14, E side of I-25	50009+75	50015+00	40'		P	OH	UNK		525'		ROW	1	Y	Roadway cut and fill slope, includes 3 poles	Roadway	Relocate.
	PVREA	E	029		6	6-E-PVREA-029	W	LCR 16	N side LCR 16, W side of I-25	N side LCR 16, W side of I-25	16000+25	16011+50	20'		P	OH	UNK		1100'		ROW	1	Y	Includes 4 poles	Roadway	Relocate.
	PVREA	E	030		6	6-E-PVREA-030	W	LCR 16	N side LCR 16, W side of I-25	N side LCR 16, W side of I-25	16011+50	16016+00	10'		P	UG	UNK		450'		ROW	1	Y	Roadway pavement also includes 2 light standards.	Roadway	Relocate.
	PVREA	E	031		6	6-E-PVREA-031	E	LCR 16	S side LCR 16, E side of I-25	S side LCR 16, E side of I-25	16021+60	16044+18	50'		P	UG	UNK		1500'		ROW	1	Y	Roadway/Wall conflicts. Also includes 4 light standards, 3 transformers, 1 vault.	Roadway / Wall	Relocate.
	PVREA	E	032		6	6-E-PVREA-032	E	LCR 16	N side LCR 16, E side of I-25	N side LCR 16, E side of I-25	16021+70	16022+60	40'-20'		E	OH	UNK				ROW	1	Y	2 poles conflict with roadway pavement	Roadway	Relocate.
	PVREA	E	032		6	6-E-PVREA-032	E	LCR 16	N side LCR 16, E side of I-25	N side LCR 16, E side of I-25	16021+70	16022+60	40'-20'		E	OH	UNK				ROW	1	Y	2 poles conflict with roadway pavement	Roadway	Relocate.
	PVREA	E	033		6	6-E-PVREA-033	W-E	EFR	W-E EFR	W-E EFR	26006+00	26006+00			X	OH	UNK				ROW	1	Y	Check vertical clearance over roadway.	Roadway	Potential relocate.
	PVREA	E	034		6	6-E-PVREA-034	W	WFR	N side LCR 14, W side of WFR	N side LCR 14, W side of WFR	29000+80	29006+70	22'		P	OH	UNK		600'		ROW	1	Y	5 poles conflict with pavement	Roadway	Relocate.
	PVREA	E	035		6	6-E-PVREA-035	W	WFR	N side LCR 14, E side of WFR	N side LCR 14, E side of WFR	29029+50	29035+00	35'		X/P	OH	UNK		550'		ROW	1	Y	4 poles conflict with toes of slope	Roadway	Relocate.
	PVREA	E	036		6	6-E-PVREA-036	W	WFR	WFR	WFR	29048+50	29048+50	35'		E	OH	UNK				ROW	1	Y	1 pole conflicts with toe of slope	Roadway	Relocate.
	PVREA	E	037		6	6-E-PVREA-037	W	SH 402	N side SH 402, W side of I-25	N side SH 402, W side of I-25	18034+00	18050+00	40'		X/P	OH	UNK		1660'		ROW	1	Y	10 poles in conflict, including 1 on so. side (Sta 18047+70, 20' rt) and 1 at so. Side (Sta 18050+20, 30' rt)	Roadway	Relocate.
	PVREA	E	038		6	6-E-PVREA-038	E	SH 402	N side SH 402, E side of I-25	N side SH 402, E side of I-25	18059+60	18081+50	50'		P	OH	UNK		2100'		ROW	1	Y	Includes 9 poles.	Roadway	Relocate.
	PVREA	E	039		6	6-E-PVREA-039	W	SH 402	S side SH 402, E of car pool lot	S side SH 402, E of car pool lot	45+00	50+61	200'		P	UG	UNK		750'		ROW	1	Y	feeder lines (2) to extg car pool lot, s side of SH 402.	Roadway	Relocate.
	PVREA	E	040		6	6-E-PVREA-040	E	EFR	N side SH 402, E side EFR	N side SH 402, E side EFR	27000+00	27003+50	115'		P	OH	UNK		70'		ROW	1	Y	Relocate 2 poles crossing SH 402, the rest of line falls within proposed utility easement.	Roadway	Relocate 2 poles
	PVREA	E	041		6	6-E-PVREA-041	E	EFR	N side SH 402, E side EFR	N side SH 402, E side EFR	27000+60	27003+50	135'		P	OH	UNK		50'		ROW	1	Y	Relocate 1 pole within SH 402 pavement.	Roadway	Relocate 1 pole.
	LTWD	W	001		6	6-W-LTWD-001	E	EFR	E side of EFR, S of WCR 46	E side of EFR, S of WCR 46	24040+68	24050+00	60'		P	UG	2 1/2"	UNK	930'		ROW	1	N			Relocate to Proposed Utility Easement.
	LTWD	W	002		6	6-W-LTWD-002	W	I-25	W side of I-25, S of WCR 46	W side of I-25, S of WCR 46	3125+00	3132+50	130'		P	UG	42"	DIP	750'		ROW	1	Y		Roadway Fill	Relocate to Proposed Utility Easement.
	LTWD	W	003		6	6-W-LTWD-003	W-E	I-25	S of WCR 46	S of WCR 46	3131+30	3131+30			X	UG	4"	UNK	380'		ROW	1	Y	Increased I-25 fill, proposed bridge abutment and walls, 1 manhole within reach.	Roadway Fill, Bridge	Relocate
	LTWD	W	004		6	6-W-LTWD-004	W-E	I-25	S Side WCR 48/SH 60	S Side WCR 48/SH 60	3183+60	3183+60			X	UG	2"	UNK	850'		ROW	1	Y	Approx 5' cut to bott of subgrade for proposed I-25.	Roadway	Relocate.
	LTWD	W	005		6	6-W-LTWD-005	E	I-25	E side of I-25	E side of I-25	3236+00	3241+00	190'		P	UG	4"	UNK	550'		ROW	1	Y	Proposed cut at roadside ditch	Roadway Cut	Relocate.
	LTWD	W	006		6	6-W-LTWD-006	E	I-25	E side of I-25	E side of I-25	3241+00	3247+60	190'		P	UG	4"	UNK	660'		ROW	1	Y	Under proposed EFR pavement.	Roadway	Relocate.
	LTWD	W	007		6	6-W-LTWD-007	E	I-25	E of EFR	E of EFR	3236+00	3249+00	210'-170'		P	UG	8"	UNK	1350'		ROW	1	Y	Under proposed EFR pavement.	Roadway	Relocate.
	LTWD	W	008		6	6-W-LTWD-008	E	I-25	E of EFR	E of EFR	3247+60	3263+25	220'		P	UG	4"	UNK	1565'		ROW	1	N			PIP
	LTWD	W	009		6	6-W-LTWD-009	E	I-25	E of EFR	E of EFR	25082+00	25083+00	70'		P	UG	12"	UNK	100'		ROW	1	Y	Within proposed CDOT ROW, cut at detention pond	Detention Pond Cut	PIP
	LTWD	W	010		6	6-W-LTWD-010	E	I-25	EFR, S of Johnstown's Corner	S Access into Johnstown's Corner	25094+00	25095+00	30'	30'	X	UG	12"	UNK	100'		ROW	1	Y	Crosses EFR & proposed access into Johnstown's Corner. Valves and vents within roadway pavement.	Roadway	Relocate.
	LTWD	W	011		6	6-W-LTWD-011	E	I-25	S Access into Johnstown's Corner	S Access into Johnstown's Corner	25096+00	25096+00	350'		X	UG	4"	UNK	100'		ROW	1	Y	Crosses under proposed access into Johnstown's Corner, potential for valves or vents within roadway pavement.	Roadway	P.I.P.

Leah 3:28:45 PM 12/12/2016 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTL_Seg6_UTILITY Matrix.dgn
12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8i CLR-UTL.tbl


Print Date: 12/12/2016
 Drawing File Name: 18319UTL_Seg6_UTILITY Matrix.dgn
 Horiz. Scale: 1:1 Vert. Scale: As Noted
 Unit Information Unit Leader Initials


Sheet Revisions

Date:	Comments	Init.

20% SUBMITTAL

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As Constructed

No Revisions:
 Revised:
 Void:

**I-25 FROM N/O SH 56 TO N/O SH 402
UTILITY MATRIX**

Designer: RKZ
 Detailer: LMR
 Sheet Subset: UTILITY Subset Sheets: 3 of 6

Project No./Code

IM 0253-220
 18319
 Sheet Number **249**

**I-25 RECONSTRUCTION N/O SH 56 TO N/O SH 402
UTILITY MATRIX**

Place Holder	UIS Breakdown					Utility Information																	Conflict With	Proposed Solution			
	Owner	Utility Type	Conflict #	etc	Segment #	UIS	Locale	On or Near	Begin	End	Approximate Begin/End Sta	Offset L/Rt	Parallel (P), Crossing (X), Encroach (E)	Overhead (OH) or Underground (UG)	Size	Material	Length In Conflict	Encasement (Size, Material, Length)	Property Interest (Easement, Public ROW, etc.)	1=Public 2=Private	Conflict	General Description - Notes on Detail Information (Abandoned, Environmental, etc.)					
	LTWD	W	012		6	6-W-LTWD-012	W	I-25	W side of I-25	W side of I-25	3291+70	3300+00	220'-150'		P	UG	6"	UNK	850'		ROW	1	N	Between ramp and I-25.	Roadway Fill	Relocate.	
	LTWD	W	013		6	6-W-LTWD-013	E	I-25	E side of I-25	E side of I-25	3346+80	3360+00	300'-140'		P	UG	1 1/2"	UNK	1320'		ROW	1	Y	Approx 10' of NB on Ramp Fill	Roadway Fill	Relocate.	
	LTWD	W	014		6	6-W-LTWD-014	N	WCR 46	N side of WCR 46, W side of I-25	N side of WCR 46, W side of I-25	46000+00	46004+00	15'	60'	P/X	UG	2"	UNK	400'		ROW	1		Potential conflict with WCR 46 subbase. Approx 3.6' to bottom of subbase.	Roadway	P.I.P.	
	LTWD	W	015		6	6-W-LTWD-015	N	WCR 46	N side of WCR 46, W side of I-25	N side of WCR 46, W side of I-25	46000+00	46004+00	10'		P	UG	42"	UNK	400'		ROW	1		Potential conflict with WCR 46 subbase. Approx 3.6' to bottom of subbase.	Roadway	P.I.P.	
	LTWD	W	016		6	6-W-LTWD-016	N-S	WCR 46	E of EFR	E of EFR	46007+50	46007+50	30'	20'	X	UG	UNK	UNK			ROW	1	Y	Service line to residence, relocate meter.	Roadway	Relocate meter.	
	LTWD	W	017		6	6-W-LTWD-017	E	WCR 46	N side of WCR 46, E side of I-25	N side of WCR 46, E side of I-25	46007+70	46014+50	30'		P	UG	3"	UNK	600'		ROW	1		Approx 3.5' cut to bottom of subbase.	Roadway	P.I.P.	
	LTWD	W	018		6	6-W-LTWD-018	W	WCR 48	N Side of WCR 48, W side of I-25	S Side of WCR 48, W side of I-25	48004+00	48010+50	30'	60'	X/P	UG	2"	UNK	650'		ROW	1	Y	Approx 4' of cut to bottom of subbase.	Roadway	Relocate	
	LTWD	W	019		6	6-W-LTWD-019	W	WCR 48	N Side of WCR 48, W side of I-25	S Side of WCR 48, W side of I-25	48005+00	48005+00			X	UG	16"	UNK			ROW	1	Y	Under proposed pavement.	Roadway	P.I.P.	
	LTWD	W	020		6	6-W-LTWD-020	W	SH 60 E	N side of SH 60 E, E side of I-25	N side of SH 60 E, E side of I-25	48025+00	48037+75		40'	P	UG	1-1/2"	UNK	625'		ROW	1	Y	Under proposed pavement.	Roadway / Fill	Relocate.	
	LTWD	W	021		6	6-W-LTWD-021	E	SH 60 E	E of I-25, N side of SH 60 E	E of I-25, N side of SH 60 E	48031+50	48037+75	50'		P	UG	2"	UNK	600'		ROW	1	Y	Under proposed pavement.	Roadway / Fill	Relocate	
	LTWD	W	022		6	6-W-LTWD-022	W	LCR 14	N side LCR 14	N side LCR 14	50009+50	50017+00	20'		P	UG	10"	UNK	1300'		ROW	1	Y	Approx 4' cut, 2' fill within reach.	Roadway	Relocate.	
	LTWD	W	023		6	6-W-LTWD-023	W	LCR 16	S side LCR 16, W side I-25	S side LCR 16, W side I-25	16000+25	16011+00		40'	P/X	UG	1.25"	UNK	1100'		ROW	1	Y	Approx 5' cut, 15' fill within reach. Includes 3 meters.	Roadway	Relocate.	
	LTWD	W	024		6	6-W-LTWD-024	W	LCR 16	N side LCR 16, W side I-25	N side LCR 16, W side I-25	16011+30	16015+00		95'	P/X	UG	6"	UNK	750'		ROW	1	Y	Fill heights vary from 3' to 18'. Includes FH, meter.	Roadway	Relocate.	
	LTWD	W	025		6	6-W-LTWD-025	E	LCR 16	N side LCR 16, E side I-25	N side LCR 16, E side I-25	16020+70	16044+18	20'		P	UG	4"	UNK	2350'		ROW	1	Y		Roadway	Relocate.	
	LTWD	W	026		6	6-W-LTWD-026	E	EFR	Center EFR	W side EFR	25094+50	25094+50			X	UG	8"	UNK			ROW	1	Y	Reset valve(s)	Roadway	Protect in Place.	
	LTWD	W	027		6	6-W-LTWD-027	W	SB On Ramp at LCR 16	W side of SB On Ramp	W side of SB On Ramp	16115+00	16127+00			X/P	UG	6"	UNK	1200'		ROW	1	Y	Within proposed CDOT ROW	Roadway	Relocate.	
	LTWD	W	028		6	6-W-LTWD-028	W	WFR	W side WFR	W Side WFR	29000+50	29029+50	20'	200'	X/P	UG	6"	UNK	4700'		ROW	1	Y	Under pavement, within r.o.w.	Roadway	Relocate.	
	LTWD	W	029		6	6-W-LTWD-029	W	WFR	W side WFR	E side WFR	29000+50	29039+50	15'	215'	X/P	UG	1.25"	UNK	4700'		ROW	1	Y	Under pavement, within r.o.w., runs parallel to 6" line (028)	Roadway	Relocate.	
	LTWD	W	030		6	6-W-LTWD-030	W	SH 402	N side of SH 402, W side of I-25	N side of SH 402, W side of I-25	18034+00	18051+00	40'		P	UG	UNK	UNK	1700'		ROW	1	Y	Locaton assumed, no survey locate.	Roadway	Relocate.	
	LTWD	W	031		6	6-W-LTWD-031	E	SH 402	N side of SH 402, E side of I-25	N side of SH 402, E side of I-25	18059+35	18081+50	60'		P	UG	1.5"	UNK	1000'		ROW	1	Y		Roadway	Relocate.	
	LTWD	W	032		6	6-W-LTWD-032	E	SH 402	N side of SH 402, E side of I-25	N side of SH 402, E side of I-25	18059+35	18081+50	40'		P	UG	12"	UNK	2200'		ROW	1	Y		Roadway	Relocate.	
	TJW	W	001		6	6-W-TJW-001	W-E	I-25	GWR	GWR	3158+80	3158+80			X	UG	16"	UNK			ROW	1	Y	Additional 30' fill approaching GWR bridge.	Roadway / CBC	Relocate.	
	TJW	W	002		6	6-W-TJW-002	W-E	I-25	N of WCR 48	N of WCR 48	3205+80	3205+80			X	UG		UNK			ROW	1		Additional 9' fill at SH 60 NB On Ramp & EFR	Roadway Fill?	Protect in Place.	
	TJW	W	003		6	6-W-TJW-003	W-E	LCR 16	S side LCR 16, W side I-25	S side LCR 16, W side of I-25	16020+80	16044+18		20'-0'	P	UG	UNK	UNK			ROW	1		Under pavement, median c&g	Roadway	Protect in Place? Relocate?	
	TJW	W	004		6	6-W-TJW-004	E	LCR 16	S side LCR 16, E side I-25	S side LCR 16, E side of I-25	16020+80	16020+80		60'	E	Surface	Fire Hydrant			ROW	1	Y	Within Right turn lane	Roadway	Relocate.		
	TJS	SS	001		6	6-SS-TJS-001	W-E	I-25	N of WCR 48	N of WCR 48	3206+50	3206+50			X	UG	UNK	UNK			ROW	1		Additional 10' fill at EFR.	Roadway Fill?	Protect in Place.	
	TJS	SS	002		6	6-SS-TJS-002	E	LCR 16	N side LCR 16, E side I-25	N side LCR 16, E side I-25	16024+00	16024+00			X	Surface/UG	Manhole	UNK			ROW	1	Y	Two manholes will need to be adjusted for new pavement elevations. Location and alignment are very approximate.	Roadway	Adjust manholes.	
	TJS	SS	003		6	6-SS-TJS-003	E	EFR	W side EFR, E side I-25	W side EFR, E side I-25	25093+75	25093+75			X	Surface/UG	Manhole	UNK			ROW	1	Y	One manhole to be adjusted. Location and alignment are very approximate.	Roadway	Adjust manhole.	
	TJS	SS	004		6	6-SS-TJS-004	E	EFR	S side LCR 16, E side I-25	S side LCR 16, E side I-25	25095+00	25096+00			X	UG	UNK	UNK			ROW	1	N	Location and alignment approximate.	Roadway	Protect in Place.	
	TJS	SS	005		6	6-SS-TJS-005	W-E	EFR	W side LCR 16, E side I-25	E side LCR 16, E side I-25	26017+00	26017+00			X	UG	UNK	UNK			ROW	1	?	Location and alignment approximate.		Protect in Place.	

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Print Date: 12/12/2016
 Drawing File Name: 18319UTIL_Seg6_UTILITY Matrix.dgn
 Horiz. Scale: 1:1 Vert. Scale: As Noted
 Unit Information Unit Leader Initials

Sheet Revisions

Date:	Comments	Init.

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As Constructed	I-25 FROM N/O SH 56 TO N/O SH 402	
No Revisions:	UTILITY MATRIX	
Revised:	Designer: RKZ	Structure Numbers
Void:	Detailer: LMR	Subset Sheets: 4 of 6


Project No./Code
 IM 0253-220
 18319
 Sheet Number **250**

**I-25 RECONSTRUCTION N/O SH 56 TO N/O SH 402
UTILITY MATRIX**

UIS Breakdown						Utility Information																				
Place Holder	Owner	Utility Type	Conflict #	etc	Segment #	UIS	Locale	On or Near	Begin	End	Approximate Begin/End Sta	Offset L/Rt	Parallel (P), Crossing (X), Encroach (E)	Overhead (OH) or Underground (UG)	Size	Material	Length In Conflict	Encasement (Size, Material, Length)	Property Interest (Easement, Public ROW, etc.)	1=Public 2=Private	Conflict	General Description - Notes on Detail Information (Abandoned, Environmental, etc.)	Conflict With	Proposed Solution		
	CLL	C	001		6	6-C-CLL-001	E	EFR	S of WCR 46	S of WCR 46	2404+68	24050+00		55'	P	UG	UNK	UNK	930'		ROW	1	N		Roadway	Relocate to Proposed Utility Easement
	CLL	C	002		6	6-C-CLL-002	E	EFR	S of WCR 46	Intersection WCR 46	24050+00	24056+00		30'	P	UG	UNK	UNK	600'		ROW	1	Y	Under Proposed Pavement. Includes 2 risers.	Roadway	Relocate Outside of Pavement
	CLL	C	003		6	6-C-CLL-003	E	EFR	N of WCR 46	E side of I-25	24056+00	24071+00		60'	P	UG	UNK	UNK	1500'		ROW	1	N		Roadway	Relocate to Proposed Utility Easement
	CLL	C	004		6	6-C-CLL-004	E	EFR	E side of EFR	W side of EFR	24071+00	24076+00		22'	X	UG	UNK	UNK	500'		ROW	1	Y	Under Proposed Pavement.	Roadway	Relocate to Proposed Utility Easement
	CLL	C	005		6	6-C-CLL-005	E	I-25	E side of I-25	E side of I-25	3153+50	3172+70	20' +		P	UG	UNK	UNK			ROW	1		Includes pedestals.	Roadway	Relocate to Proposed Utility Easement
	CLL	C	006		6	6-C-CLL-006	E	I-25	E side of I-25	E side of I-25	3235+70	3240+00		180'	P	UG	UNK	UNK	430'		ROW	1	Y	Includes pedestals.	Roadway Fill	Relocate.
	CLL	C	007		6	6-C-CLL-007	E	I-25	E side of I-25	E side of I-25	3240+00	3248+00		180'	P	UG	UNK	UNK	800'		ROW	1	Y	Includes pedestals.	Roadway	Relocate.
	CLL	C	008		6	6-C-CLL-008	E	I-25	E side of I-25	E side of I-25	3248+00	3263+00		260'	P	UG	UNK	UNK	1500'		ROW	1	Y	Includes pedestals.	Roadway Fill	Relocate.
	CLL	C	009		6	6-C-CLL-009	E	I-25	E side of I-25	E side of I-25	3263+00	3276+00		260'-300'	P	UG	UNK	UNK	1300'		ROW	1	Y	Includes pedestals.	Roadway	Relocate.
	CLL	C	010		6	6-C-CLL-010	E	I-25	E side of I-25	E side of I-25	3276+00	3280+00		300'	P	UG	UNK	UNK	400'		ROW	1	N			Relocate Outside of CDOT R.O.W.
	CLL	C	011		6	6-C-CLL-011	W	I-25	N side of LCR 14	S side of LCR 16	29014+00	16013+70	Varies	Varies	X/P	UG	UNK	UNK	4100'		ROW	1	Y	Runs along existing WFR north to LCR 16. Roadway conflicts along with proposed R.O.W. encroachment.	Roadway	Relocate
	CLL	C	012		6	6-C-CLL-012	E	I-25	E side of I-25	E side of I-25	3298+00	3340+00		250'	P	UG	UNK	UNK	4200'		ROW	1	N/Y	Multiple lines (tele & FO) all within CDOT ROW. Minimal impacts from EFR grading. Includes vault, pedestals.		Relocate to Proposed Utility Easement
	CLL	C	013		6	6-C-CLL-013	E	I-25	E side of I-25	E side of I-25	3340+00	3380+98		200'	P	UG	UNK	UNK	4100'		ROW	1	Y	Interchange profile flips at SH 402.	Roadway Cut/Fill, Pavement	Relocate to Proposed Utility Easement
	CLL	C	014		6	6-C-CLL-014	W	WCR 46	W side of I-25	W side of I-25	46002+50	46014+50	75'	25'	P	UG	UNK	UNK	1200'		ROW	1	Y	Approx 3.5' cut to bottom of subbase. Includes 2 pedestals in conflict with pavement.	Roadway Cut / Pavement.	Relocate.
	CLL	C	015		6	6-C-CLL-015	E	E side of I-25	S side SH 60	S side SH 60	48033+00	48036+00		30'	P	UG	UNK	UNK	300'		ROW	1	Y	Manhole and line under wall	Wall	Relocate
	CLL	C	016		6	6-C-CLL-016	E	LCR 14	N side LCR 14, E side I-25	N side LCR 14, E side I-25	50009+50	50017+00	10'-20'		P	UG	UNK	UNK	750'		ROW	1	Y	Roadway pavement		Relocate.
	CLL	C	017		6	6-C-CLL-017	W	LCR 16	S side LCR 16, W side I-25	S side LCR 16, W side I-25	16000+25	16013+70		25'	P	UG	UNK	UNK	1350'		ROW	1	Y	Roadway pavement, maximum cut of 5' to bottom of subbase, max fill heights of 15'.	Roadway / Cut / Fill	Relocate
	CLL	C	018		6	6-C-CLL-018	E	LCR 16	S side LCR 16, E side I-25	S side LCR 16, E side I-25	16030+80	16039+00			X/P	UG	UNK	UNK	300'		ROW	1	N	Water quality pond grading	Roadway Cut	Relocate
	CLL	C	019		6	6-C-CLL-019	W	WFR	N side LCR 14, W side WFR	N side LCR 14, W side WFR	29000+50	29026+00	20'		P	UG	UNK	UNK	2550'		ROW	1	Y	Under roadway pavement, approx 3.8' cut to bottom of subbase. Includes 5 pedestals.	Roadway Cut	Relocate
	CLL	C	020		6	6-C-CLL-020	W	WFR	N side of LCR 14	Adjacent to SB On Ramp at LCR 16	29030+00	29039+00	22'	200'	X/P	UG	UNK	UNK	1050'		ROW	1	Y	Within proposed r.o.w., approx 4' roadway cut to bottom of subbase.	Roadway	Relocate
	CLL	C	021		6	6-C-CLL-021	W	WFR	Lt side of WFR	Rt side of WFR	29021+00	29026+00	12'	30'	X/P	UG	UNK	UNK	100'		ROW	1	Y		Roadway	Relocate
	CLL	C	022		6	6-C-CLL-022	W-E	SH 402	N side SH 402	S side SH 402	18034+00	18060+75	25'	20'	X/P	UG	UNK	UNK	2450'		ROW	1	Y	Crosses to So @ Sta 18058+50, Crosses to No. @ Sta 18060+75, SH 402 profile flips from extg	Roadway/ Bridge	Relocate outside R.O.W.
	CLL	C	023		6	6-C-CLL-023	W-E	SH 402	S side SH 402	S side SH 402	18034+00	18080+50	30'	20'	P	UG	UNK	UNK	4650'		ROW	1	Y	Roadway pavement	Roadway	Relocate outside R.O.W.
	EN	C	001		6	6-C-EN-001	E	I-25	E of I-25	E of I-25	3125+00	3382+00		90'-250'	P	UG	3-2" CDOT, 3-1.25" EN, 1-168 SMFO Cable, 1-96 SMFO Cable	HDPE		ROW	1	Y	Runs along East side of I-25 or the Frontage Rd for entire length of project. Conflicts (with roadway, CBC, etc) varies throughout length. Interchange profile flips at LCR 16 and SH 402.	Roadway, CBC, etc	Relocate, Protect in place where appropriate. See Utility Plans for locations.	
	EN	C	002		6	6-C-EN-002	E	I-25	PB 25124R	PB 25124R	3132+25	3132+25		240'		SURFACE	Pullbox			ROW	1	Y	Pullbox on south side of WCR 46 (not identified in survey)	Roadway	Relocate.	
	EN	C	003		6	6-C-EN-003	E	I-25	MH25126R	MH25126R	3134+20	3134+20		225'		UG	Manhole			ROW	1	Y	Manhole north of WCR 46, east side of EFR.	Fill Slope	Relocate. Reset?	
	EN	C	004		6	6-C-EN-004	E	I-25	PB 25148R	PB25149R	3145+70	3145+70		230'		SURFACE	Pullbox (2)			ROW	1	Y	Pullbox, could reset once grading is complete, if not relocating line.	Fill Slope	Relocate. Reset?	
	EN	C	005		6	6-C-EN-005	E	I-25	PB 25173R	PB 25173R	3157+90	3157+90		215'		SURFACE	Pullbox			ROW	1	Y	Pullbox, Eaglenet Construction Plans show FO line crossing EFR to the west. Survey does not confirm this.	Fill Slope	Relocate. Reset?	

Leah 3:28:57 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDOT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_Utility Matrix.dgn 12/12/2016 CDOT-DefaultPrinter_V8i.plt C:\CDOT V8I CLR-UTL.tbl

Print Date: 12/12/2016
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 Horiz. Scale: 1:1 Vert. Scale: As Noted
 Unit Information Unit Leader Initials




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 Void:

**I-25 FROM N/O SH 56 TO N/O SH 402
UTILITY MATRIX**

Designer: RKZ
 Detailer: LMR
 Sheet Subset: UTILITY Subset Sheets: 5 of 6

Project No./Code

IM 0253-220

18319

Sheet Number **251**

**I-25 RECONSTRUCTION N/O SH 56 TO N/O SH 402
UTILITY MATRIX**

UIS Breakdown						Utility Information																			
Place Holder	Owner	Utility Type	Conflict #	etc	Segment #	UIS	Locale	On or Near	Begin	End	Approximate Begin/End Sta	Offset L/Rt	Parallel (P), Crossing (X), Encroach (E)	Overhead (OH) or Underground (UG)	Size	Material	Length In Conflict	Encasement (Size, Material, Length)	Property Interest (Easement, Public ROW, etc.)	1=Public 2=Private	Conflict	General Description - Notes on Detail Information (Abandoned, Environmental, etc.)	Conflict With	Proposed Solution	
	EN	C	006		6	6-C-EN-006	E	I-25			3166+20 3166+20		195'		SURFACE	Pullbox (2)			ROW	1	Y	Pullboxes crosses existing EFR from east to west side.	Roadway	Relocate.	
	EN	C	007		6	6-C-EN-007	E	I-25			3166+40 3166+40		140'		SURFACE	Pullbox			ROW	1	N	Pullbox	Fill Slope	Relocate. Reset?	
	EN	C	008		6	6-C-EN-008	E	I-25	MH 25225R	PB 25227R?	3185+70 3185+70		90'		SURFACE	MH/Pullbox			ROW	1	Y	Manhole/Pullbox	Roadway	Relocate.	
	EN	C	009		6	6-C-EN-009	E	I-25	PB 25258R	PB 25258R	3202+75 3202+75		140'		SURFACE	Pullbox			ROW	1	Y	Pullbox	Fill Slope	Relocate. Reset?	
	EN	C	010		6	6-C-EN-010	E	I-25	PB 25288R	PB 25288R	3219+30 3219+30		175'		SURFACE	Pullbox			ROW	1	Y	Pullbox	Roadway	Relocate.	
	EN	C	011		6	6-C-EN-011	E	I-25	PB 25318R	PB 25318R	3236+50 3236+50		140'		SURFACE	Pullbox (2)			ROW	1	Y	Pullbox (2)	Fill Slope	Relocate.	
	EN	C	012		6	6-C-EN-012	E	I-25			3249+00 3249+00		120'		UG	Manhole			ROW	1	Y	Manhole	Fill Slope	Adjust.	
	EN	C	013		6	6-C-EN-013	E	I-25	PB 25386R	PB 25386R	3270+70 3270+70		220'		SURFACE	Pullbox (2)			ROW	1	Y	Pullbox (2)	Fill Slope	Relocate. Reset?	
	EN	C	014		6	6-C-EN-014	E	I-25	MH 25422R	MH 25422R	3288+60 3288+60		190'		UG	Manhole			ROW	1	Y	Manhole	Roadway	Relocate	
	EN	C	015		6	6-C-EN-015	E	I-25	PB 25457L	PB 25457L	3309+60 3309+60		160'		SURFACE	Pullbox			ROW	1	Y	Pullbox	Roadway	Relocate.	
	EN	C	016		6	6-C-EN-016	E	I-25	PB 25457R	PB 25457R	3309+60 3309+60		250'		SURFACE	Pullbox			ROW	1	N	Pullbox		Protect in Place	
	EN	C	017		6	6-C-EN-017	E	I-25	PB 25512L	PB 25512L	3334+00 3334+00		170'		SURFACE	Pullbox			ROW	1	Y	Pullbox	Cut Slope	Relocate.	
	CDOT	C	001		6	6-C-CDOT-001	E	SH 402	N side SH 402	S side SH 402	18051+20 18051+20	45'	45'	X	UG	UNK	UNK	90'		ROW	1	Y	CDOT ITS runs north from power pole, crossing SH 402. SH 402 profile filips from existing.	Roadway	Relocate for new interchange configuration.
	CDOT	C	002		6	6-C-CDOT-002	E-W	SH 402	N side SH 402	N Side SH 402	18051+00 18059+20	45'-190'		P	UG	UNK	UNK	800'		ROW	1	Y	CDOT ITS. Includes MH, vault.	Roadway	Relocate for new interchange configuration.
	CDOT	C	003		6	6-C-CDOT-003	N-S	SH 402	N side SH 402	S Side SH 402	18057+70 18057+70	130'	40'	X	UG	UNK	UNK	170'		ROW	1	Y	CDOT ITS. Includes controller on south side.	Roadway	Relocate for new interchange configuration.
	ATT	C	001		6	6-C-ATT-001	E	SH 60 E	N Side of WCR 48, E side of I-25	N Side of WCR 48, E side of I-25	48032+75 48032+75			X	UG	UNK			ROW	1	Y		Roadway	Protect in Place	
	BB	C	001		6	6-C-BB-001	W-E	SH 60	W side of I-25	E side of I-25	3186+30 3186+30	300'	400'	X	UG	UNK		700'		ROW	1	Y	Under proposed bridge abutments, approx 4' cut to bottom of I-25 subgrade	Bridge	Relocate
	BB	C	002		6	6-C-BB-002	E	I-25	E side of I-25, N side of LCR 16	E side of I-25, S side of SH 402	3290+00 3345+00		250'	P	UG	UNK		5500'		ROW	1	Y	Some pavement conflicts.		Relocate to proposed utility easement
	BB	C	003		6	6-C-BB-003	W	WCR 48	N Side WCR 48, W side I-25	N Side WCR 48, W side I-25	48010+00 48017+00	60'		P	UG	UNK		700'		ROW	1	Y		Roadway/Wall	Relocate
	BB	C	004		6	6-C-BB-004	E	WCR 48	N Side WCR 48, E side I-25	N Side WCR 48, E side I-25	48024+00 48037+75	40'		P	UG	UNK		1300'		ROW	1	Y		Roadway	Relocate
	BB	C	005		6	6-C-BB-005	E	LCR 16	N Side LCR 16, E side I-25	N Side LCR 16, E side I-25	16020+50 16044+18	15'		P	UG	UNK		2350'		ROW	1	Y		Roadway	Relocate

UTILITY ABBREVIATIONS

OIL AND GAS	
XCEL	Xcel Energy
KMA	Kerr-McGee Anadarko
MOI	Magpie Operating Inc.
MPC	Magellan Pipeline Co.
SRC	Synergy Resources Corp.
DCP	DCP Midstream
COMMUNICATIONS	
CLL	CenturyLink Local
EN	Eaglenet Alliance (Joint Trench with CDOT ITS)
BB	Baja Broadband
ATT	AT&T
CDOT	ITS
ELECTRIC	
XCEL	Xcel Energy
PVREA	Poudre Valley Rural Electric Associaton
WATER	
LTWD	Little Thompson Water District
TJW	Town of Johnstown Water
SANITARY	
TJS	Town of Johnstown Sanitary

ABBREVIATIONS

CBC	Concrete Box Culvert
LF	Linear Feet
N/A	Not Applicable
NC	No Conflict
OH	Overhead
PH	Pothole
PIP	Protect In Place
TBD	To Be Determined
UG	Underground
UNK	Unknown
UO	Utility Owner
EFR	E Frontage Rd
GWR	Great Western Railway
WFR	W Frontage Rd

UTILITY TYPE


W	Water
E	Electric
ET	Electric Transmission
C	Fiber Optic/Communication
SS	Sanitary Sewer
ST	Storm Sewer
G	Gas
IR	Irrigation
O	Oil

MATERIAL TYPE

ACM	Asbestos Containing Material
CMP	Corrugated Metal Pipe
HDPE	High density polyethylene
PCCP	Prestressed concrete cylinder pipe
RCP	Reinforced Concrete Pipe
VCP	Vetrified Clay Pipe
PVC	Poly-vinyl chloride (Placstic)

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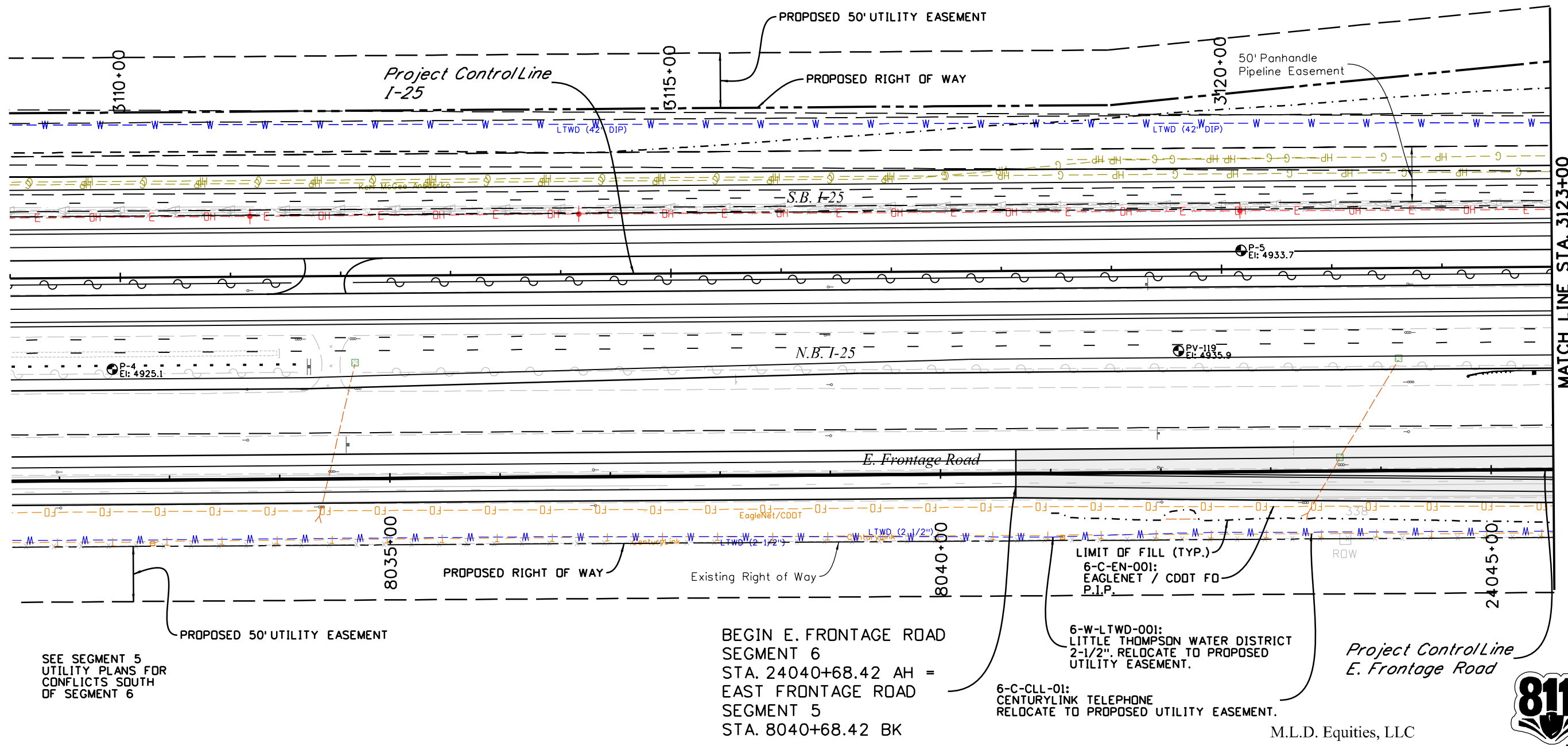
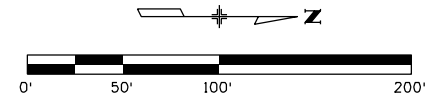
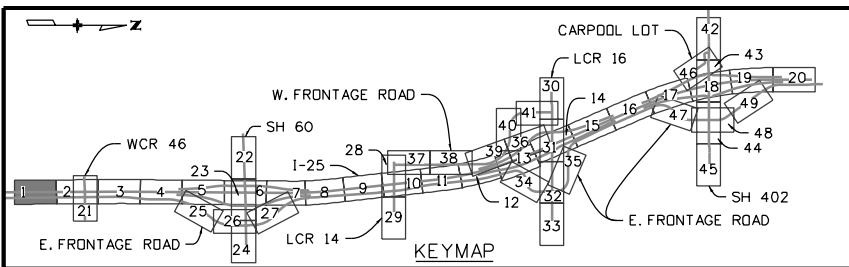
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Project No./Code
 IM 0253-220

18319

Sheet Number **252**

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 12/12/2016 CDDT-DefaultPrinter_V8i.plt ctdt v8i CLR-UTIL Med.tbl



MATCH LINE STA. 3123+00

SEE SEGMENT 5
UTILITY PLANS FOR
CONFLICTS SOUTH
OF SEGMENT 6

BEGIN E. FRONTAGE ROAD
SEGMENT 6
STA. 24040+68.42 AH =
EAST FRONTAGE ROAD
SEGMENT 5
STA. 8040+68.42 BK

6-C-CLL-01:
CENTURYLINK TELEPHONE
RELOCATE TO PROPOSED UTILITY EASEMENT.

LIMIT OF FILL (TYP.)
6-C-EN-001:
EAGLENET / CDDT FO
P.I.P.

Project Control Line
E. Frontage Road


M.L.D. Equities, LLC



Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_125_UtilityPlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
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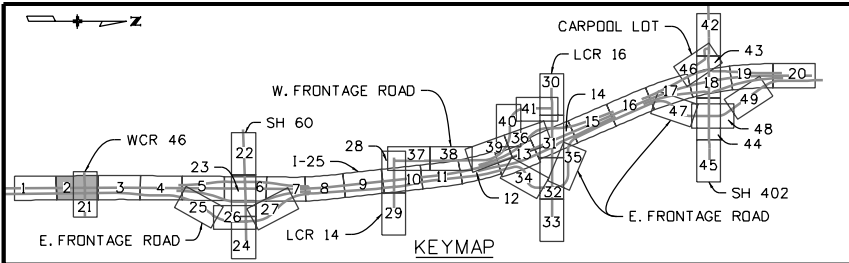
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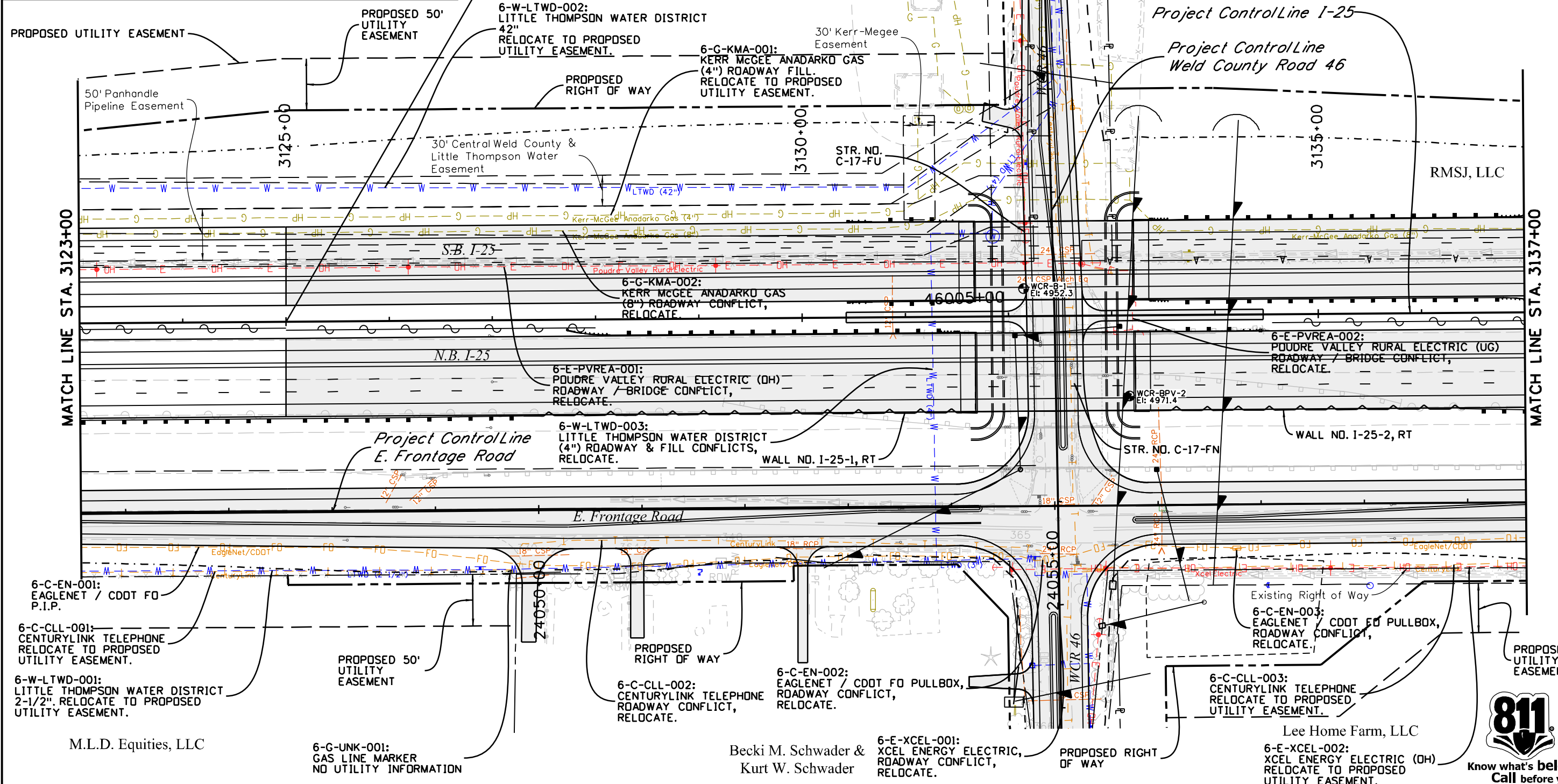
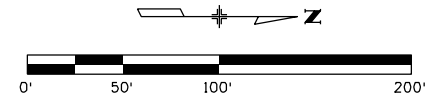
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Detailer: LMR	Subset Sheets: 1 of 49
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Project No./Code	IM 0253-220
Sheet Number	253

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Vickilee Einhellig & David P. Lamb &
 William G. Markham
END SEGMENT 5, BEGIN SEGMENT 6
NORTH I-25 RECONSTRUCTION
FROM N/O SH 56 TO N/O SH 402
PROJECT NO. IM 0253-220
STA. 3125+00.00



Print Date: 12/12/2016
Drawing File Name: 18319UTIL_Seg6_125_UtilityPlan02.dgn
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Unit Information Unit Leader Initials
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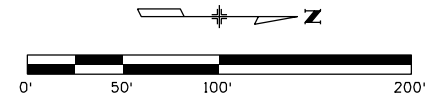
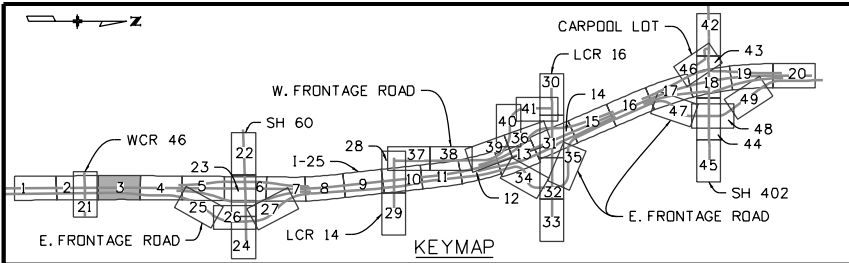
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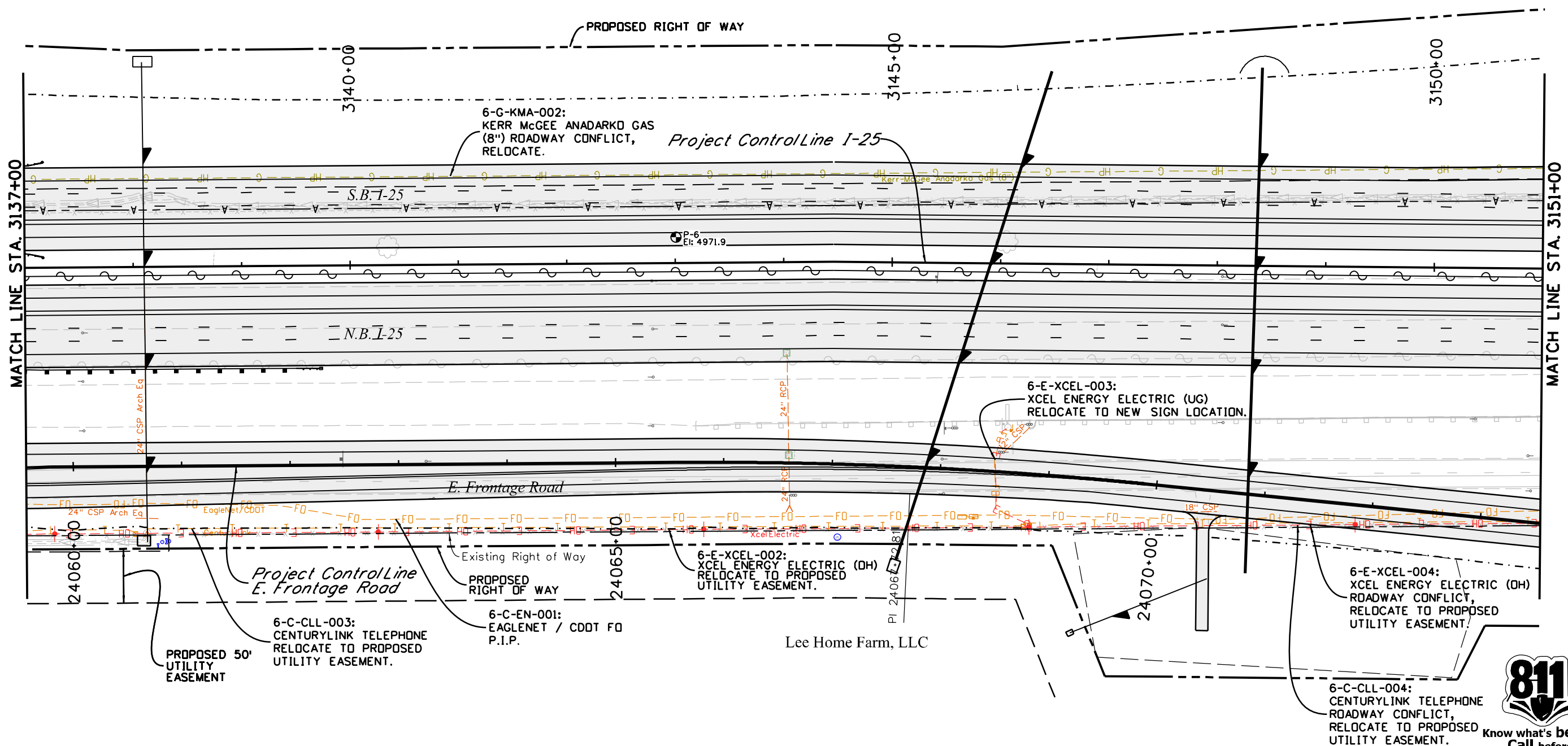
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STA. 3123+00 TO STA. 3137+00	
Designer: RKZ	Structure Numbers
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Project No./Code
IM 0253-220
18319
Sheet Number 254





RMSJ, LLC




Leah 3:29:30 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_I25_UtilityPlan03.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt cld CDDT V8I CLR-UTIL Med.tbl



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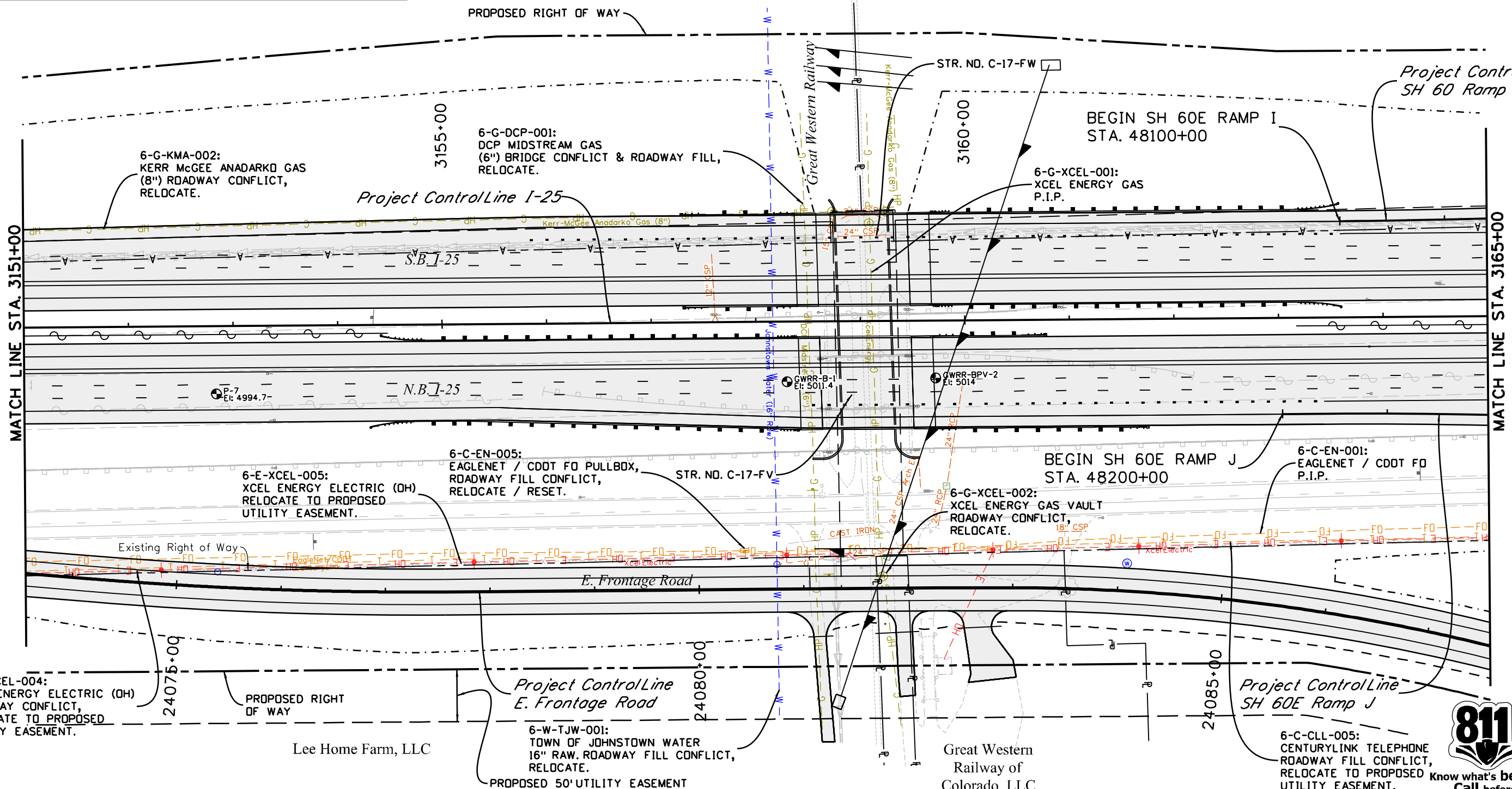
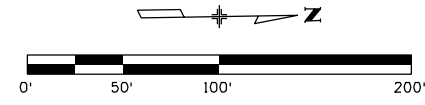
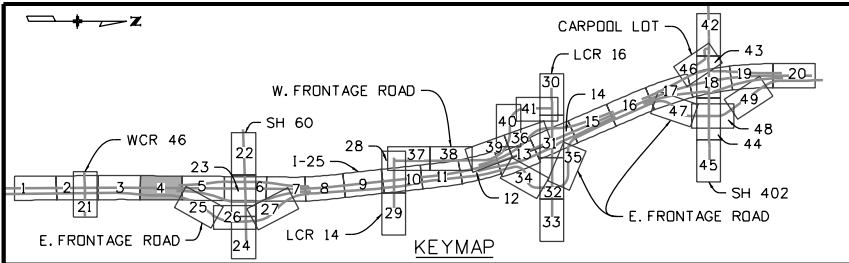
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Sheet Number	255



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Unit Information	Unit Leader Initials
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Date:	Comments
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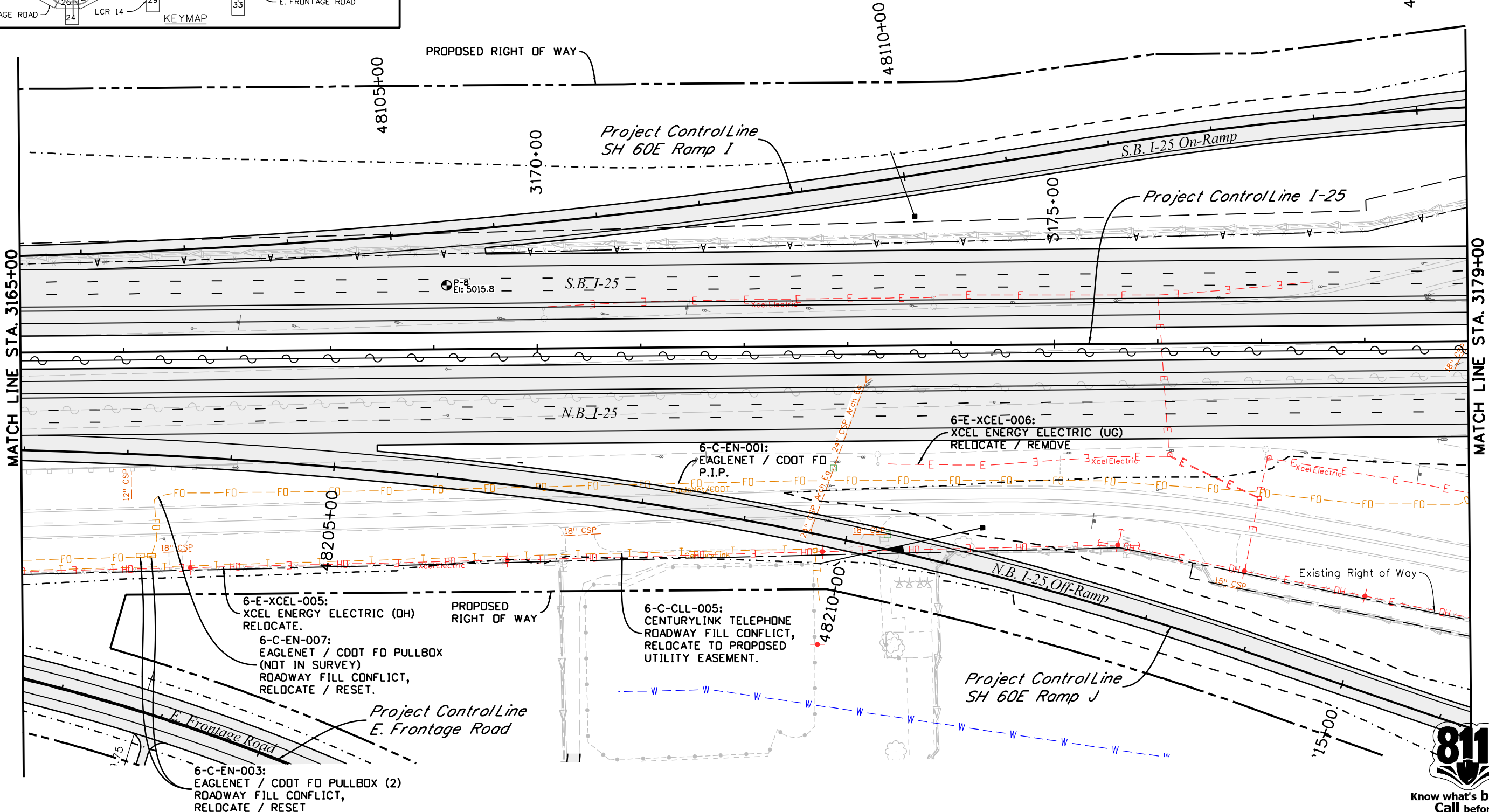
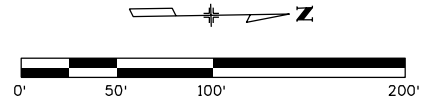
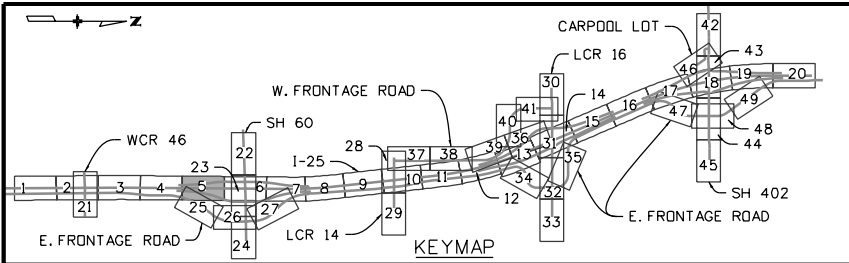
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Project No./Code	IM 0253-220
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Unit Information	Unit Leader Initials
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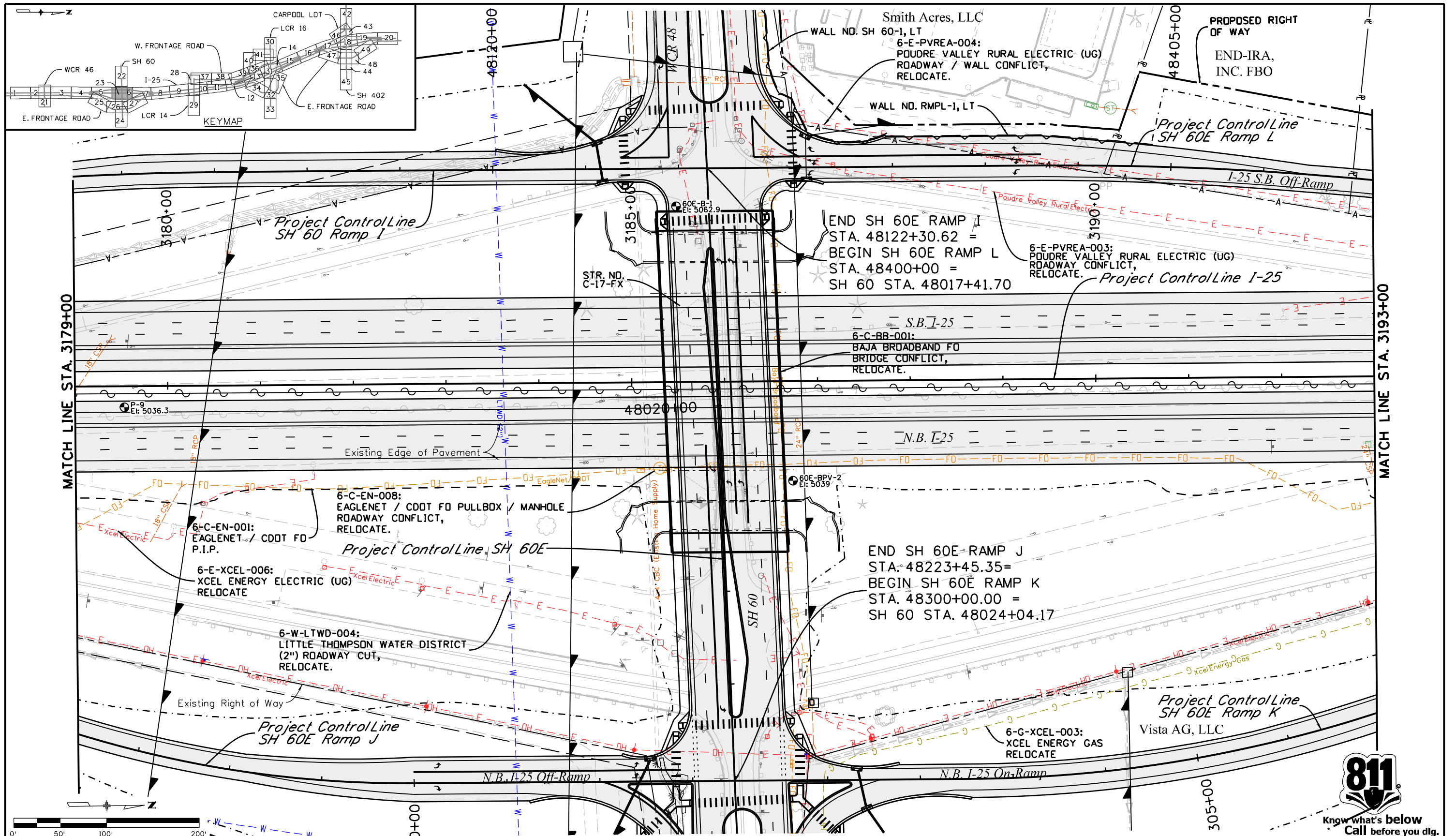
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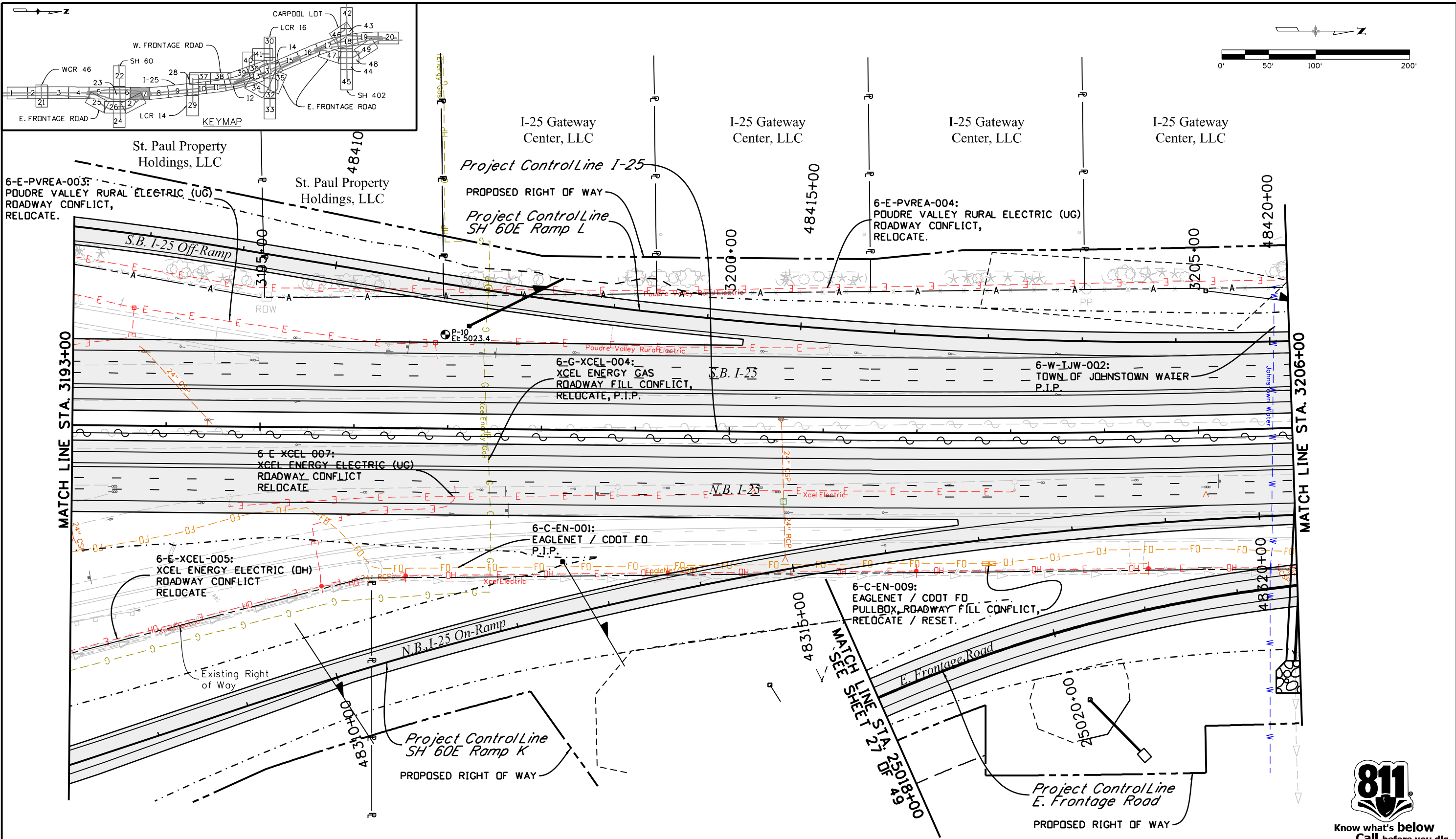
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Project No./Code
IM 0253-220
18319
Sheet Number 258





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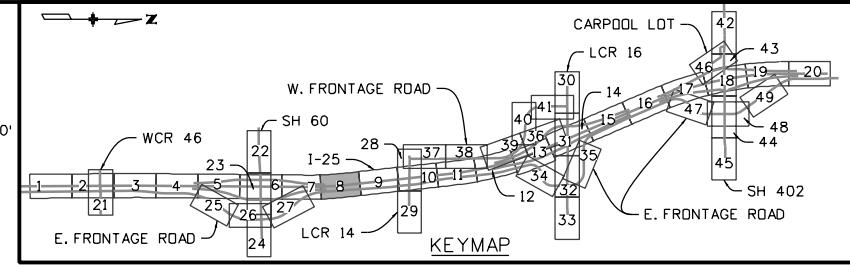
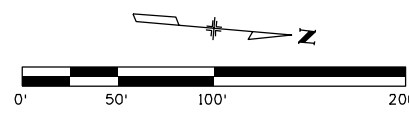
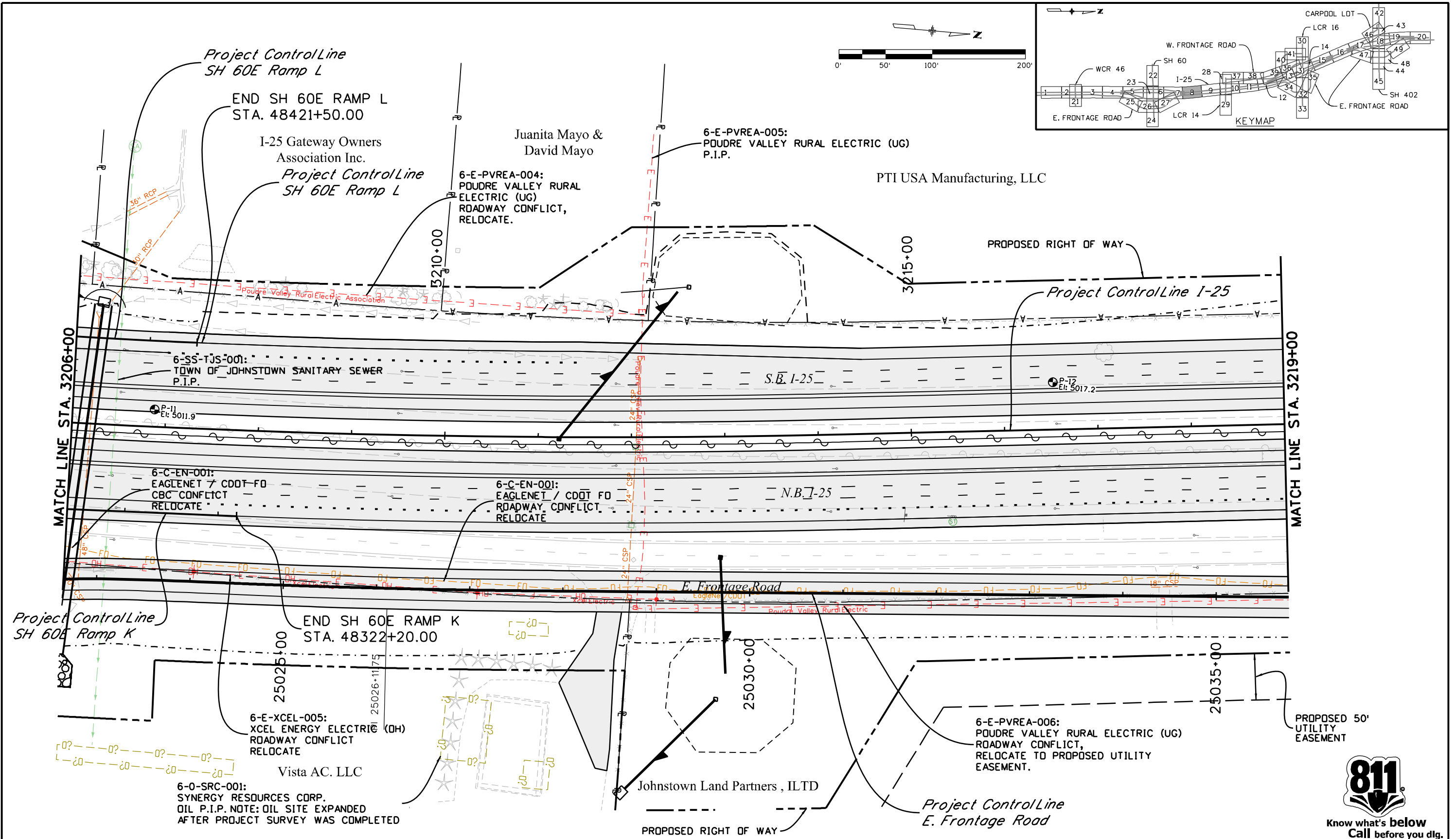
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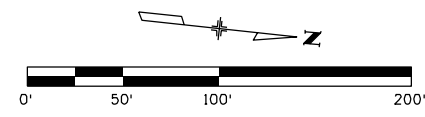
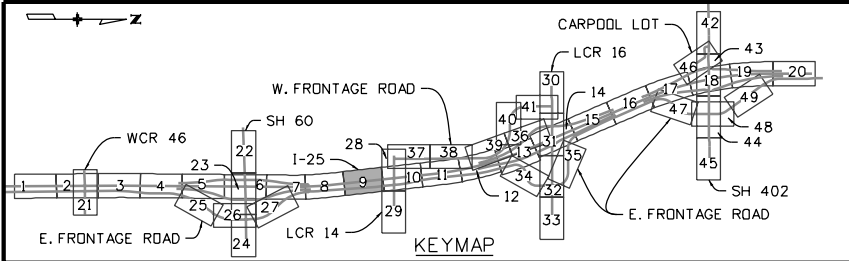


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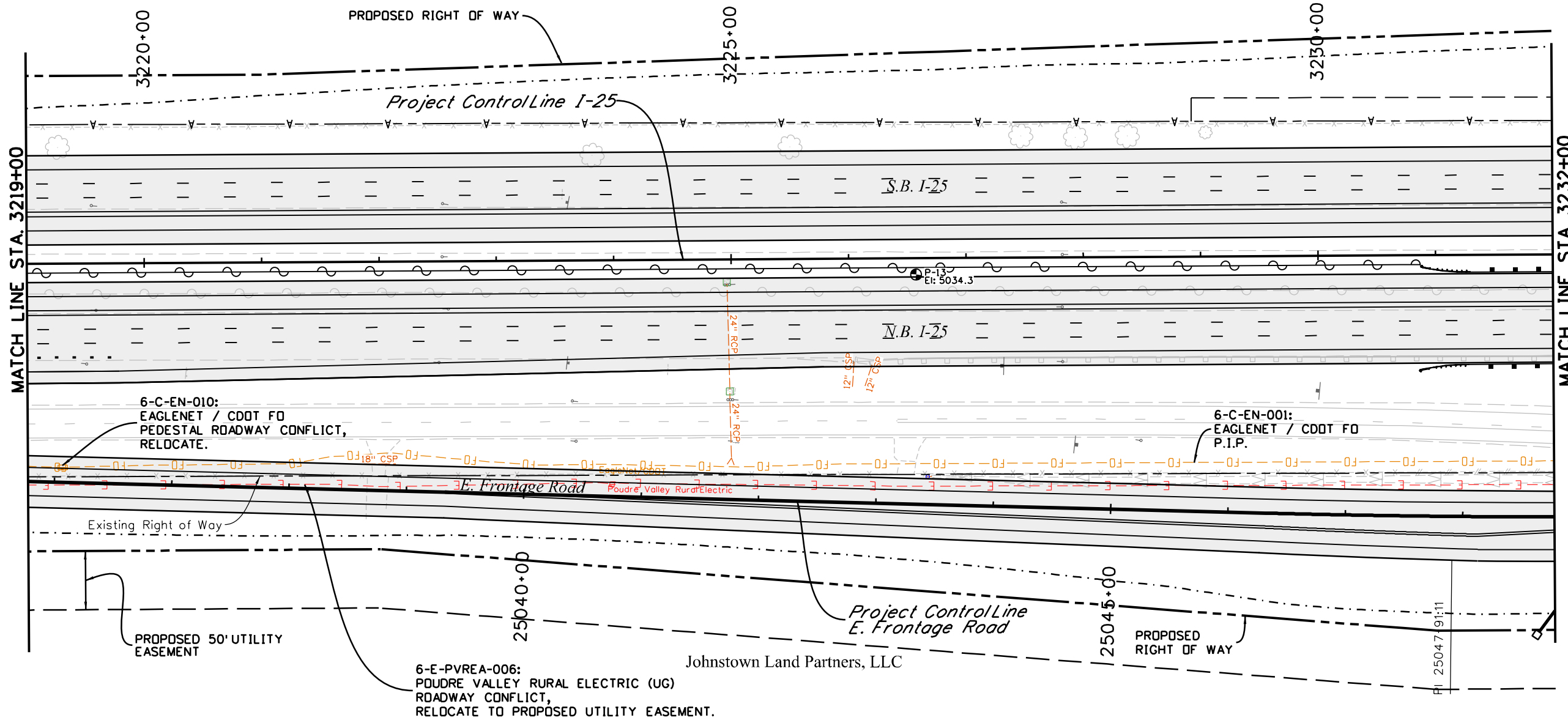


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Print Date: 12/12/2016		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 FROM N/O SH 56 TO N/O SH 402		Project No./Code	
Drawing File Name: 18319UTIL_Seg6_125_UtilityPlan08.dgn		Date:	Comments	10601 W. 10th Street Greeley, CO 80634 Phone: 970-350-2322 FAX: 970-350-2181		No Revisions:		I-25 UTILITY PLAN		IM 0253-220	
Horiz. Scale: 1:100 Vert. Scale: As Noted		20% SUBMITTAL		Region 4		Revised:		STA. 3206+00 TO STA. 3219+00		18319	
Unit Information Unit Leader Initials				CJB		Void:		Designer: RKZ Structure Numbers		Sheet Number 260	
								Detailer: LMR Subsets:		Subsets: 8 of 49	
								Sheet Subset: UTILITY		Subsets: 8 of 49	



PTI USA Manufacturing, LLC



Johnstown Land Partners, LLC



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Leah 3:30:21 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate Utilities Drawings\I-25 Segment 6\18319UTIL_Seg6_I25_UtilityPlan09.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt cld CDDT V8I CLR-UTIL Med.tbl

Print Date: 12/12/2016	0000
Drawing File Name: 18319UTIL_Seg6_I25_UtilityPlan09.dgn	
Horiz. Scale: 1:100 Vert. Scale: As Noted	
Unit Information Unit Leader Initials	
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
	20% SUBMITTAL

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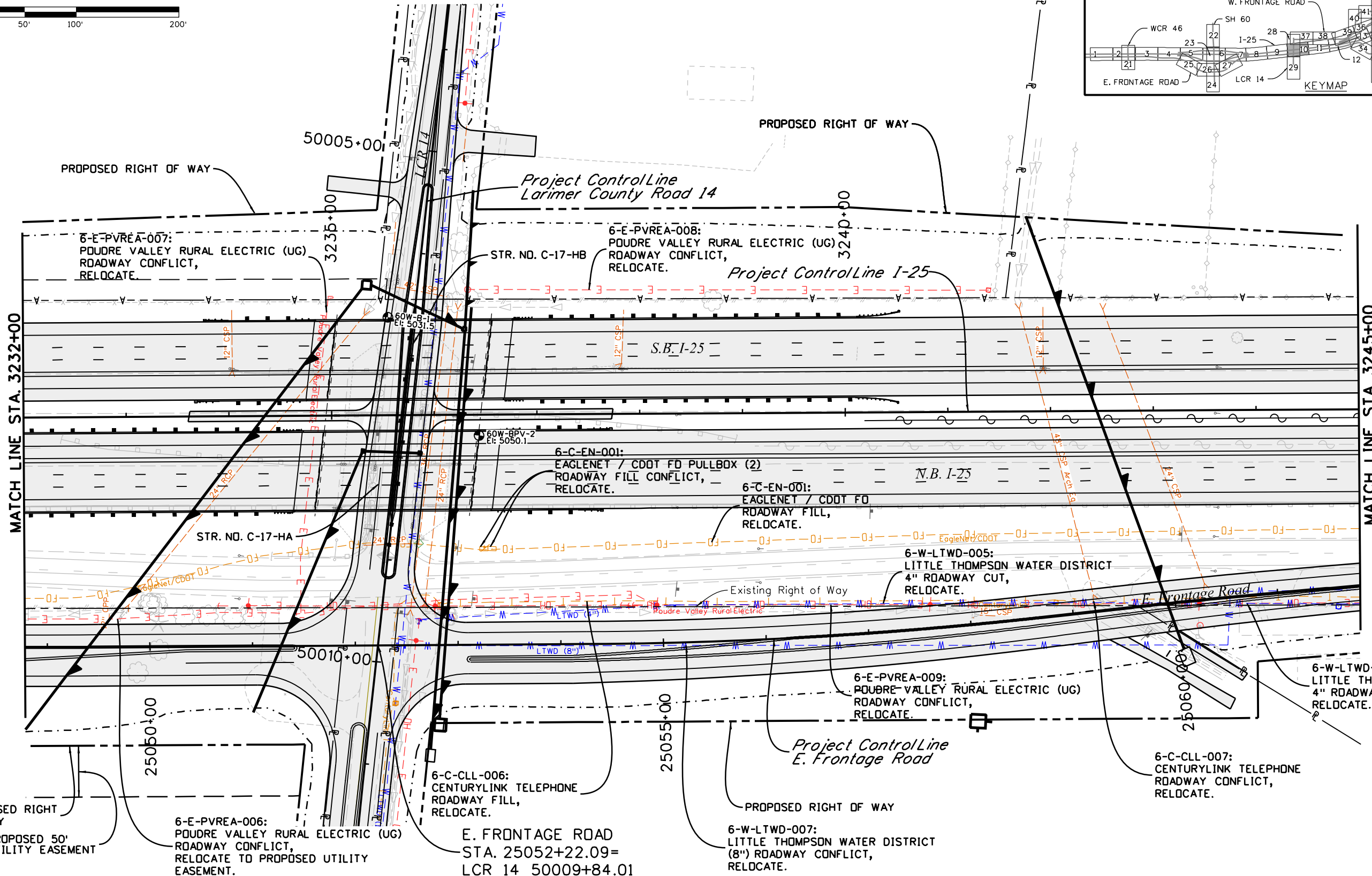
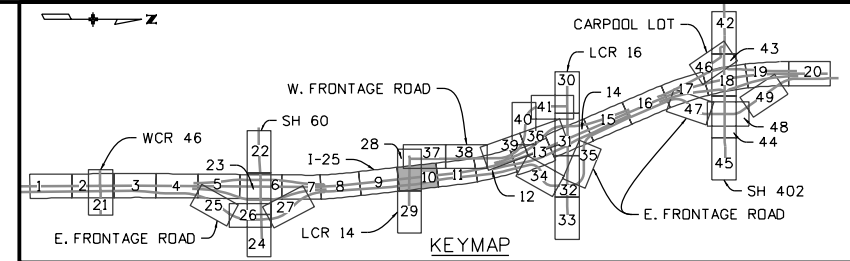
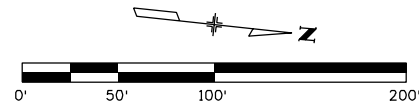
10601 W. 10th Street
Greeley, CO 80634
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Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402	
I-25 UTILITY PLAN	
STA. 3219+00 TO STA. 3232+00	
Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 9 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 261



Leah 3:30:29 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_125_UtilityPlan10.dgn
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Print Date: 12/12/2016
Drawing File Name: 18319UTIL_Seg6_125_UtilityPlan10.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
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	Date:	Comments
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Region 4 CJB

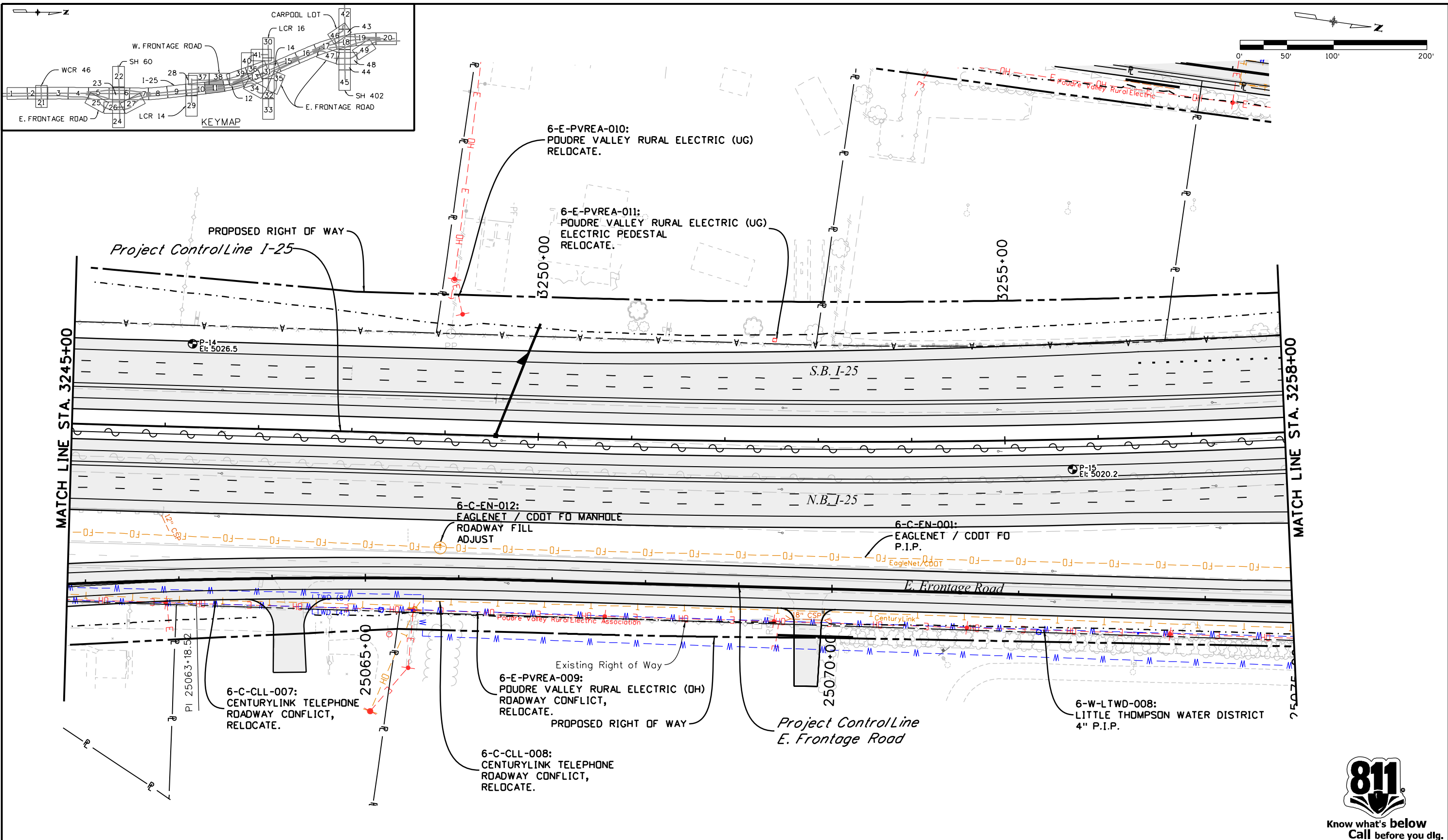
As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402	
I-25 UTILITY PLAN	
STA. 3232+00 TO STA. 3245+00	
Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 10 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 262



Leah 3:30:37 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_I25_UtilityPlan1.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V8I CLR-UTIL Med.tbl



Know what's below
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_I25_UtilityPlan1.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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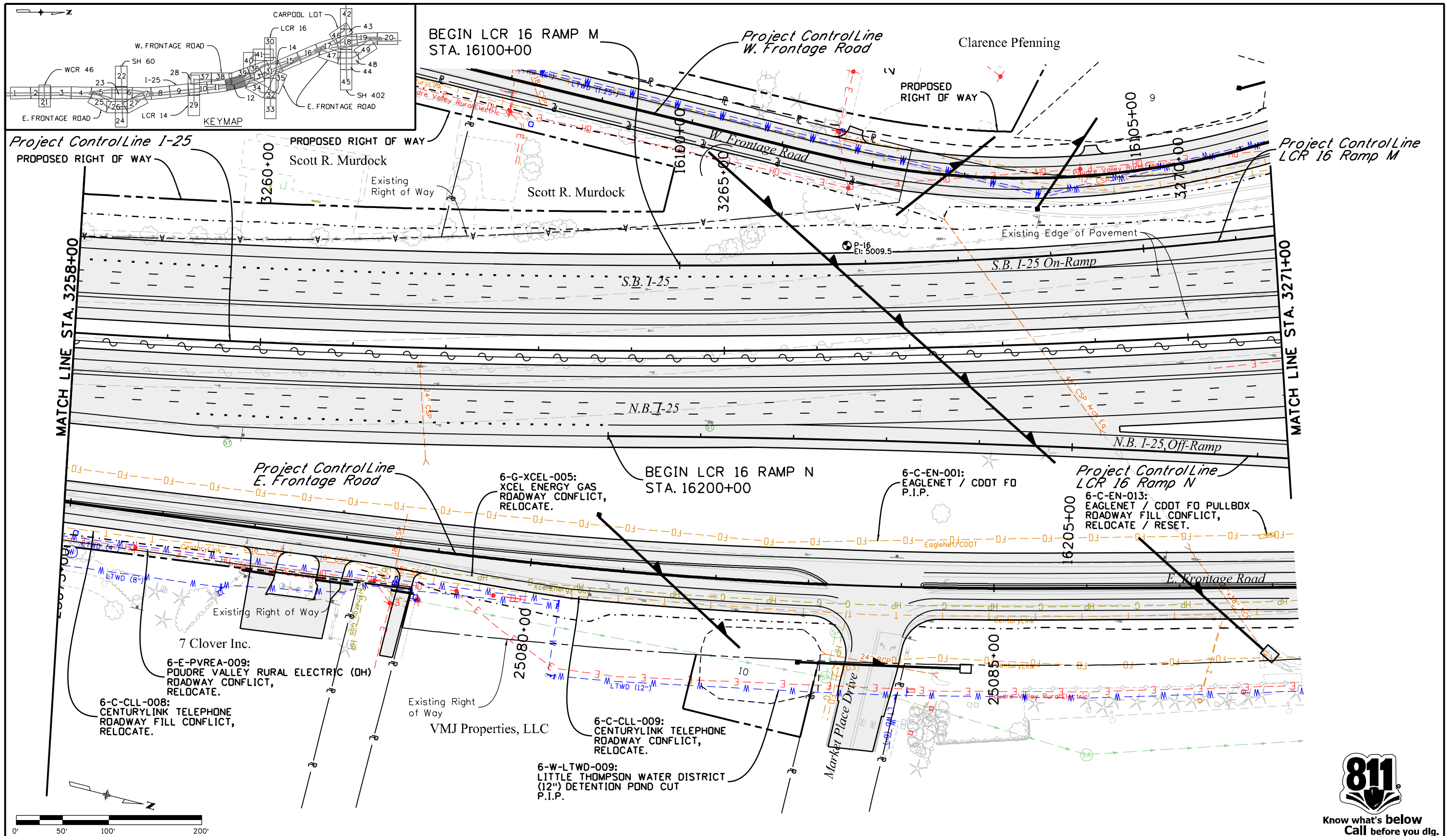
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 11 of 49

Project No./Code	IM 0253-220
Sheet Number	263

Leah 3:30:45 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_I25_UtilityPlan12.dgn
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Print Date: 12/12/2016
 Drawing File Name: 18319UTIL_Seg6_I25_UtilityPlan12.dgn
 Horiz. Scale: 1:100 Vert. Scale: As Noted
 Unit Information Unit Leader Initials
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Sheet Revisions	
Date:	Comments
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 Greeley, CO 80634
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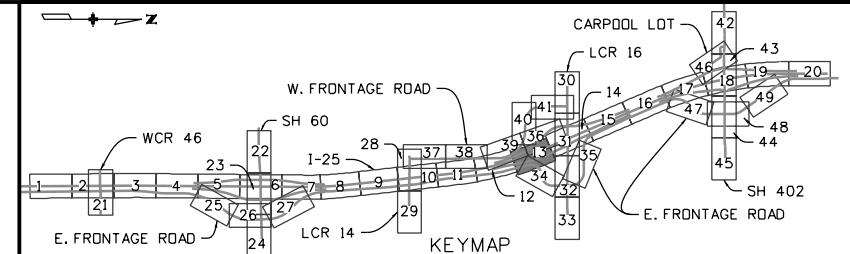
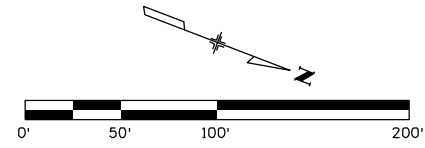
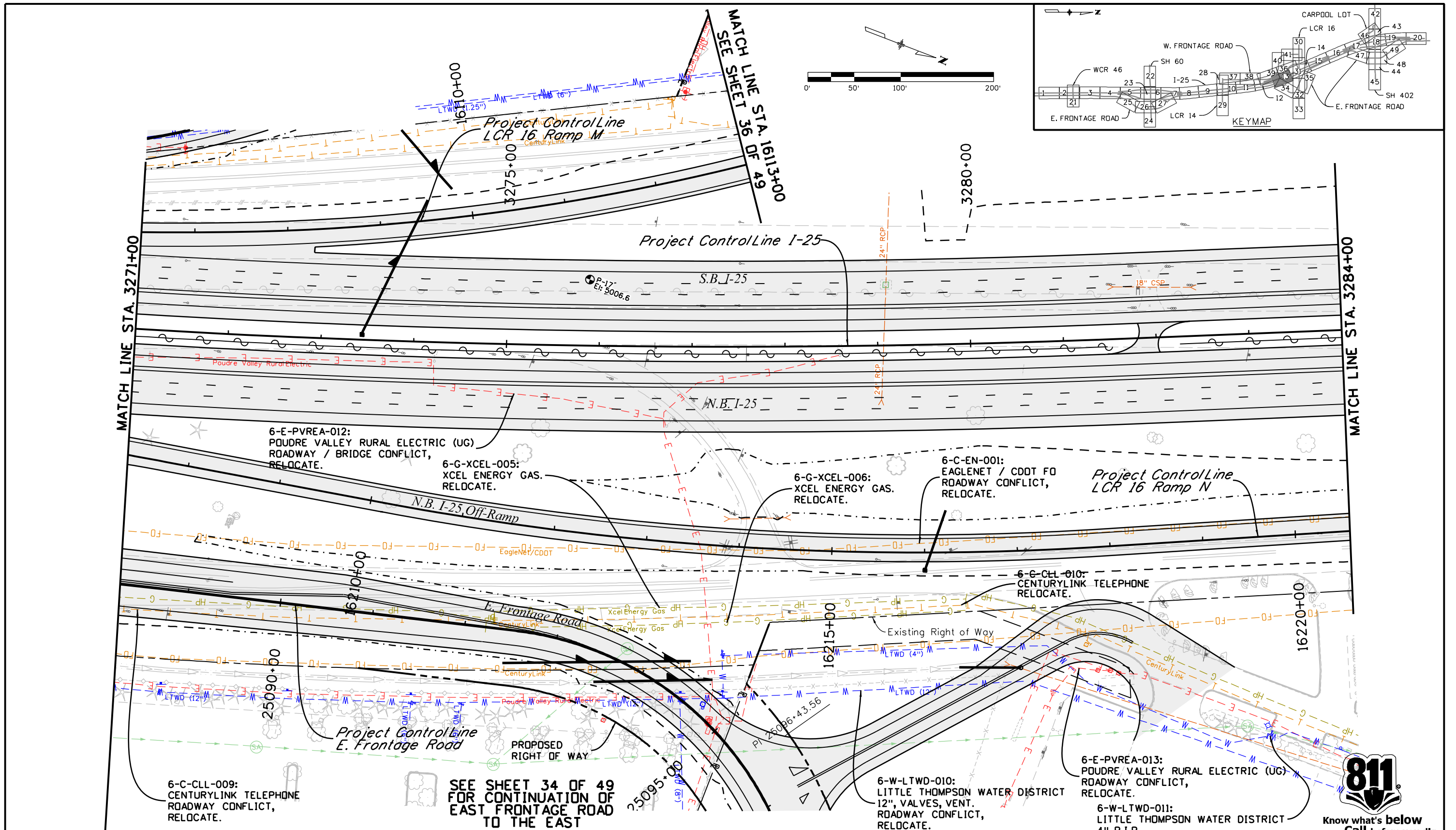
As Constructed
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 Revised:
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I-25 FROM N/O SH 56 TO N/O SH 402
 I-25 UTILITY PLAN
 STA. 3258+00 TO STA. 3271+00
 Designer: RKZ Structure Numbers
 Detailer: LMR
 Sheet Subset: UTILITY Subset Sheets: 12 of 49

Project No./Code
 IM 0253-220
 18319
 Sheet Number 264



Leah 3:30:54 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_I25_UtilityPlan13.dgn
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_I25_UtilityPlan13.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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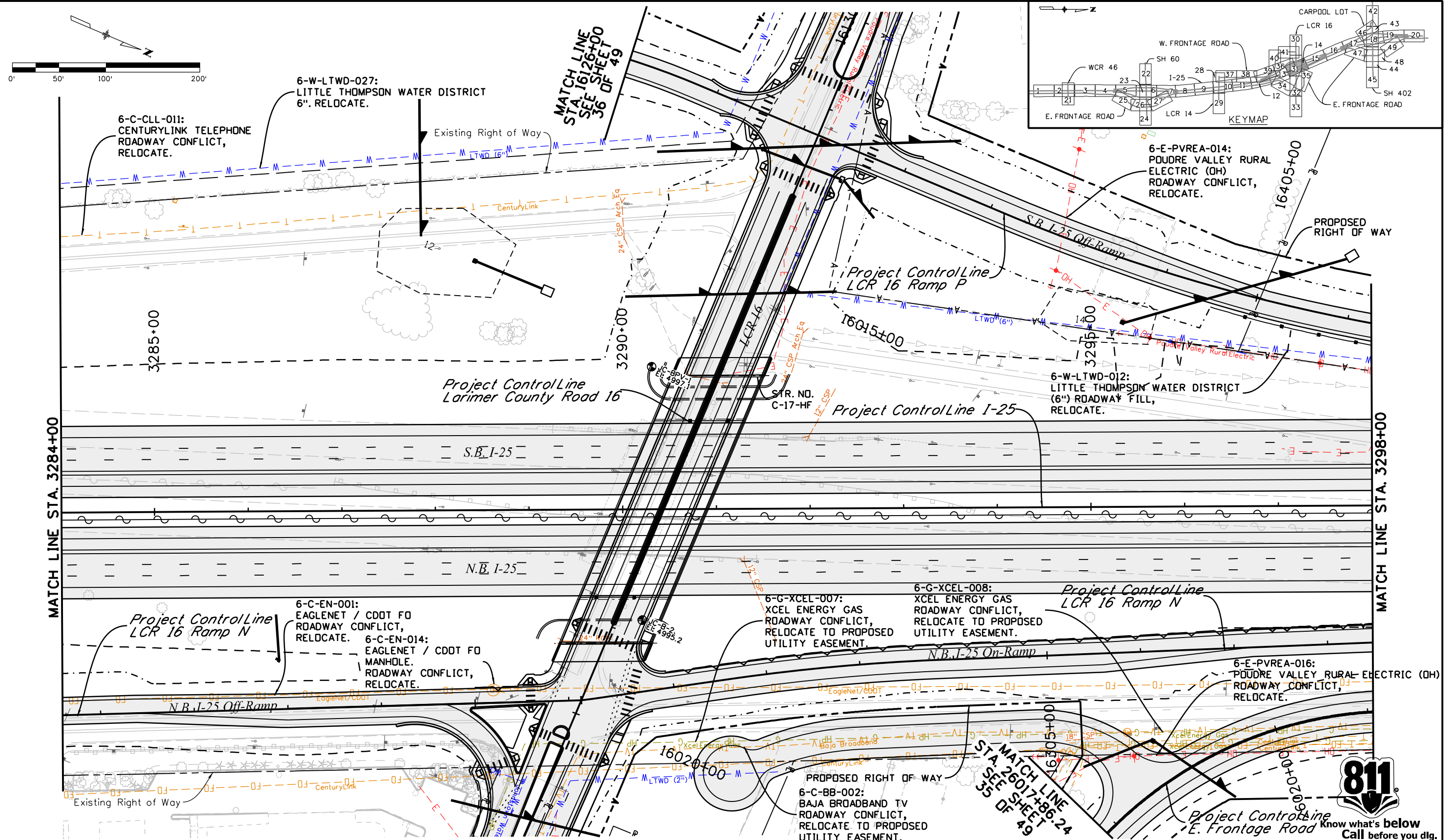
As Constructed	No Revisions:
Revised:	Void:

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I-25 UTILITY PLAN	
STA. 3271+00 TO STA. 3284+00	
Designer:	RKZ
Detailer:	LMR
Sheet Subset:	UTILITY
Structure Numbers	
Subset Sheets:	13 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	265



Leah 3:31:03 PM P:\12-003\01 I-25 SH 66 to SH 66 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_125_UTILITYPlan14.dgn
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_125_UTILITYPlan14.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
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Sheet Revisions	
Date:	Comments
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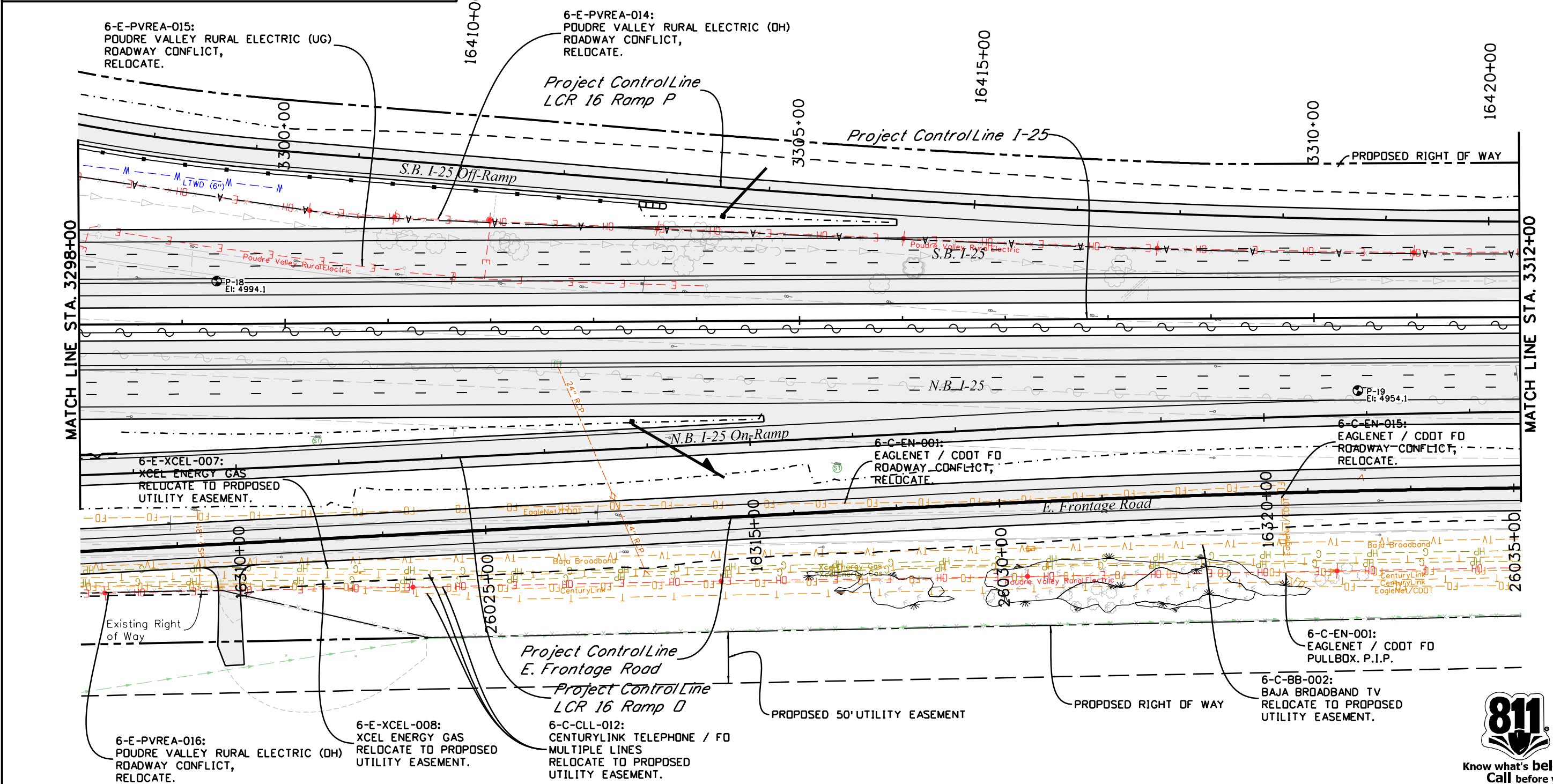
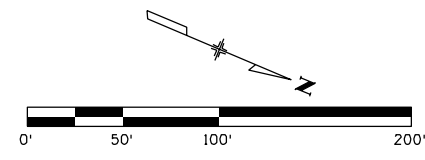
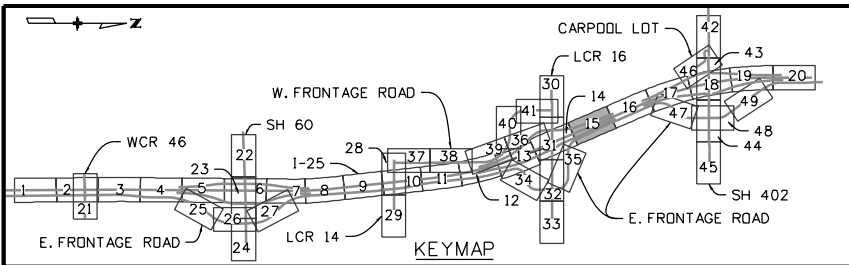
As Constructed	No Revisions:
Revised:	Void:

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Designer: RKZ	Structure Numbers
Detailer: LMR	Subset Sheets: 14 of 49
Sheet Subset: UTILITY	

Project No./Code	IM 0253-220
Sheet Number	266



Leah 3:31:13 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319\UTIL_Seg6_125_UTILITYPlan15.dgn
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Know what's below
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Print Date: 12/12/2016
Drawing File Name: 18319UTIL_Seg6_125_UTILITYPlan15.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

Sheet Revisions	
Date:	Comments
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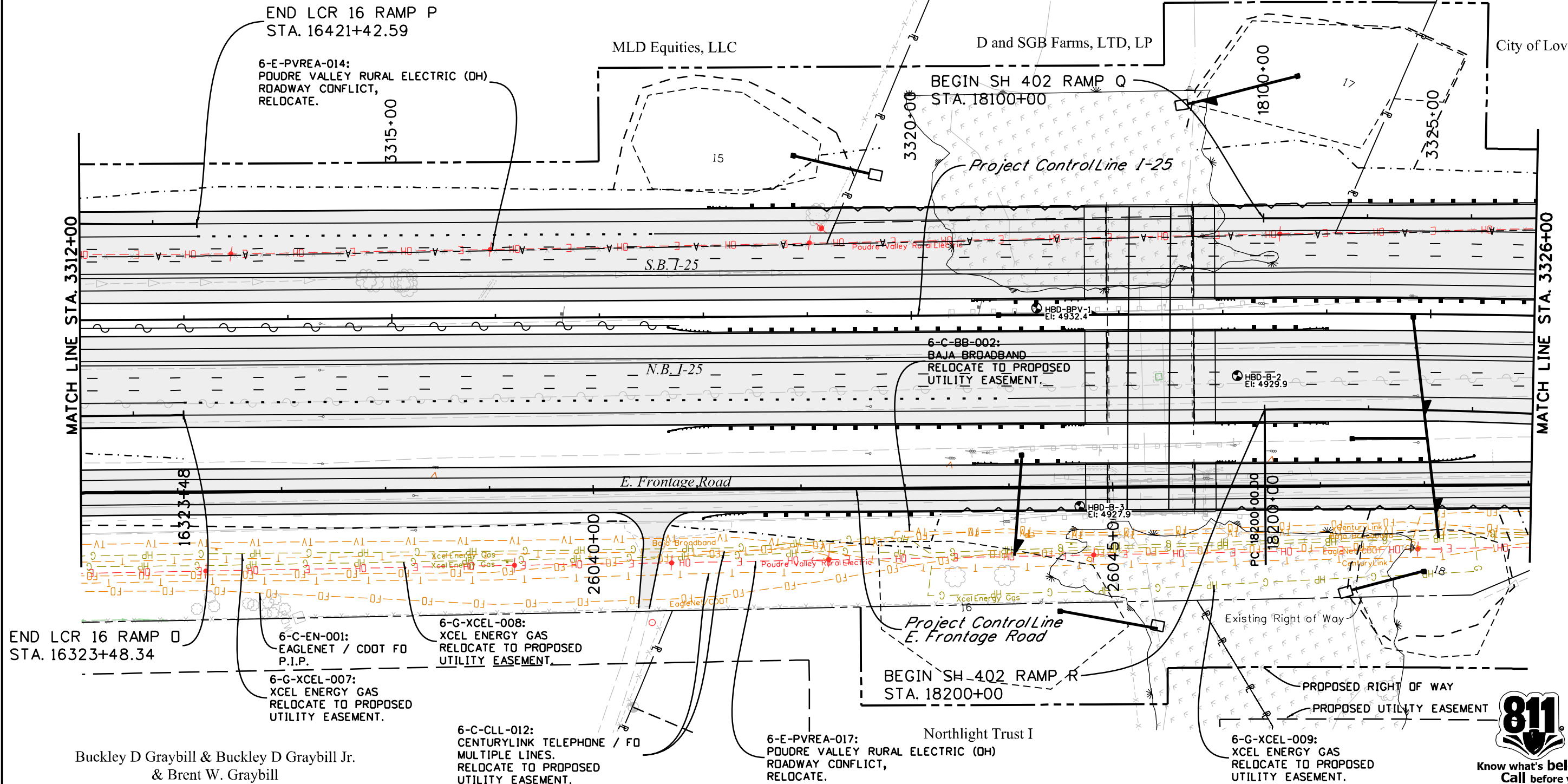
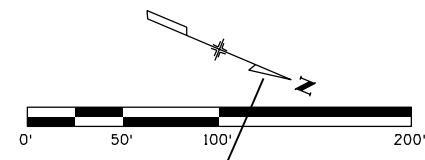
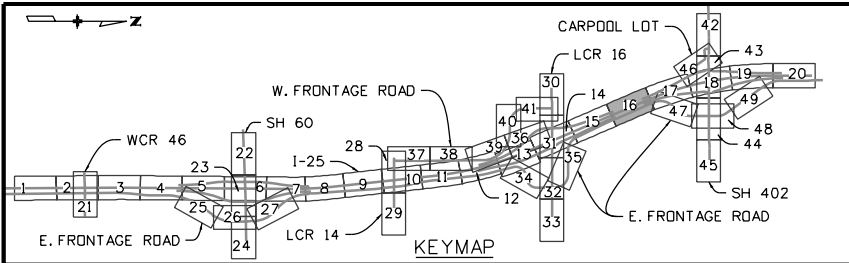
 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402	
I-25 UTILITY PLAN	
STA. 3298+00 TO STA. 3312+00	
Designer:	RKZ
Detailer:	LMR
Sheet Subset:	UTILITY
Structure Numbers	
Subset Sheets:	15 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 267

Leah 3:31:21 PM P:\12-003.01\1-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities\Drawings\1-25 Segment 6\18319\UTIL_Seg6_I25_UTILITYPLAN16.dgn
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Print Date: 12/12/2016
Drawing File Name: 18319UTIL_Seg6_I25_UTILITYPLAN16.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

Sheet Revisions	
Date:	Comments
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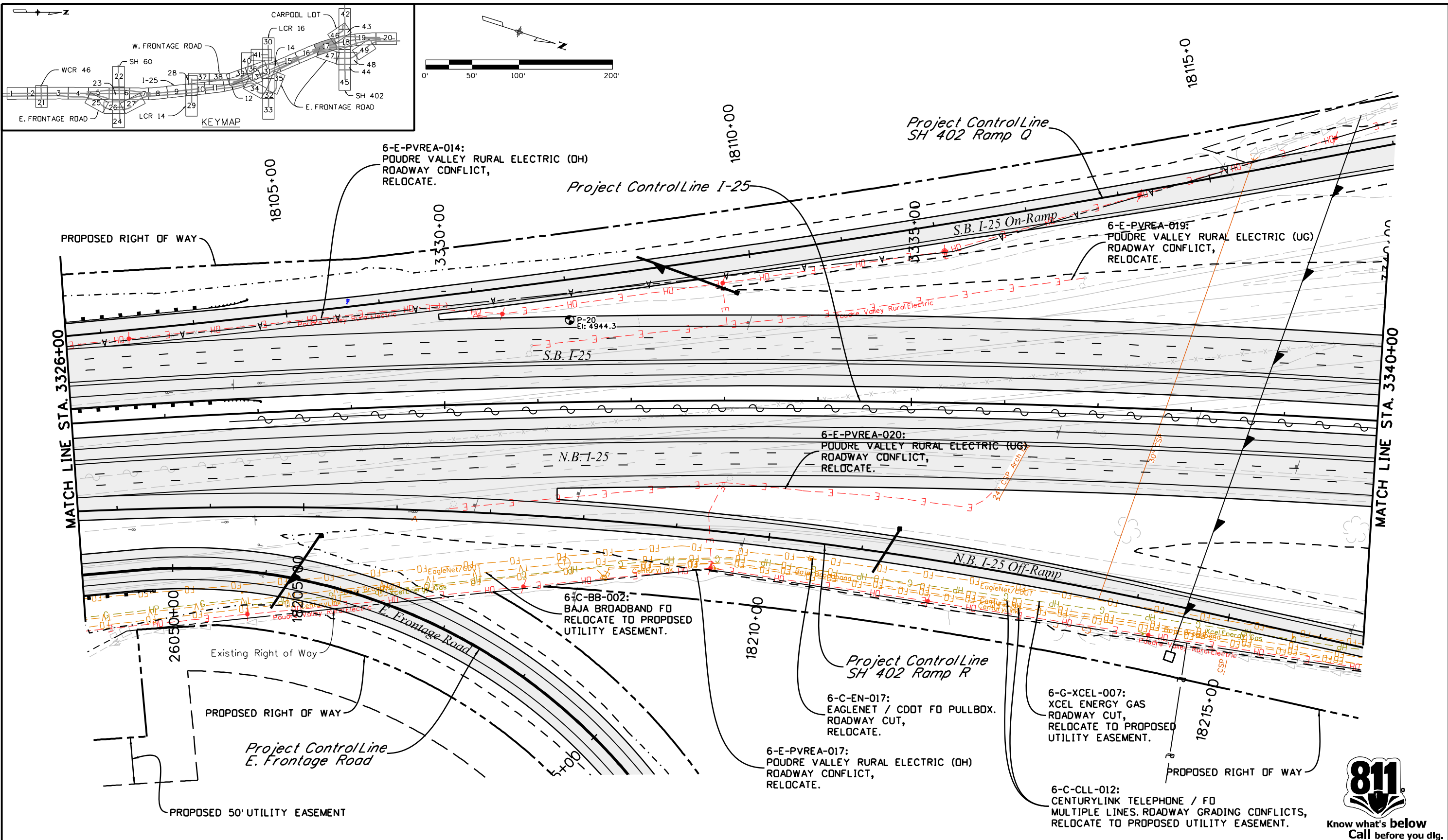
 Region 4
 10601 W. 10th Street
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As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402	
I-25 UTILITY PLAN	
STA. 3312+00 TO STA. 3326+00	
Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 16 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 268

Leah 3:31:30 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_125_UTILITYPlan17.dgn
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Print Date: 12/12/2016	
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Unit Information	Unit Leader Initials
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Date:	Comments
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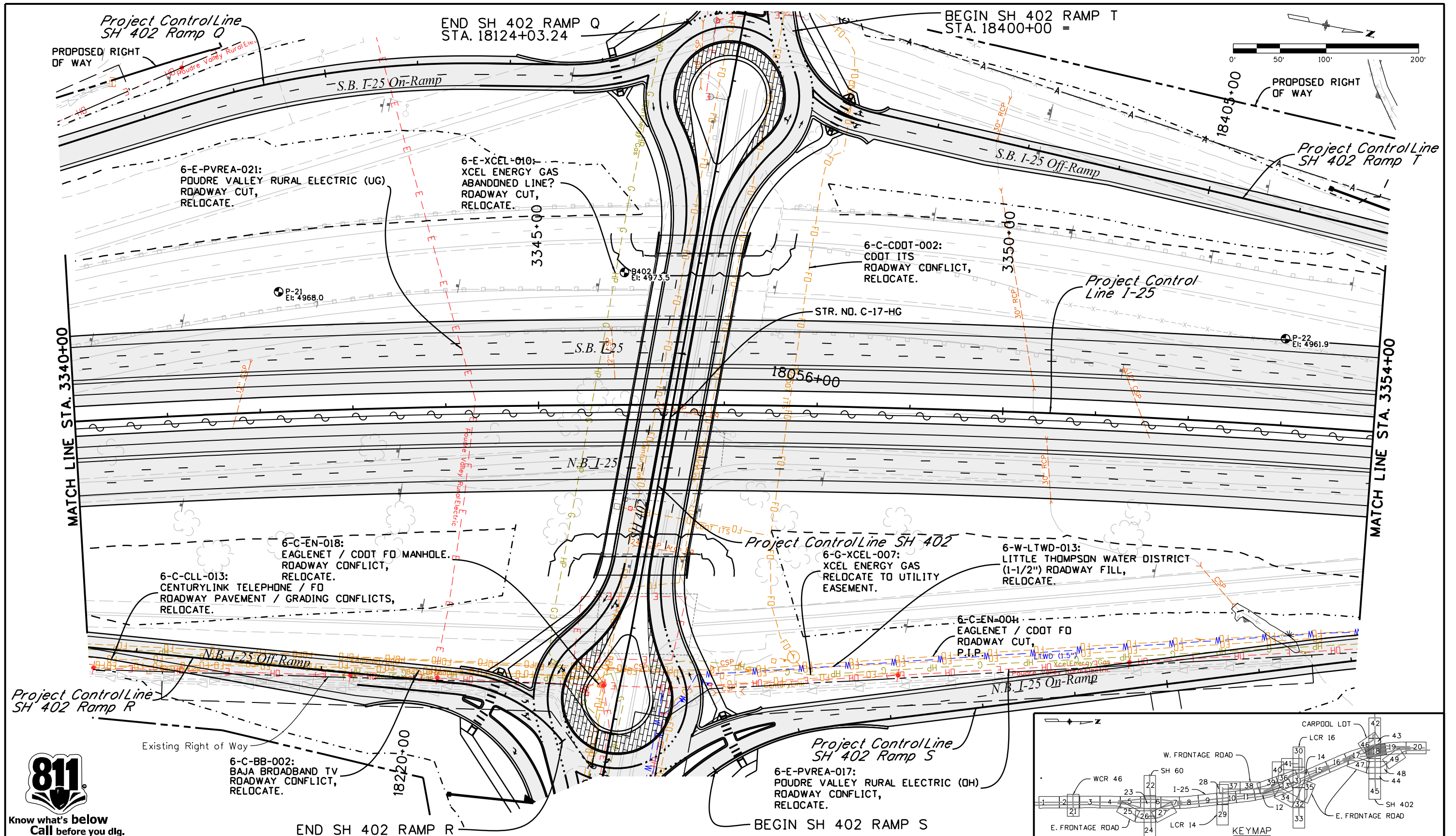
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Revised:	Void:

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Designer:	BS	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	UTILITY	Subset Sheets:	17 of 49

Project No./Code	IM 0253-220
Sheet Number	269



Leath 3:31:39 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities Drawings\I-25 Segment 6\18319UTIL_Seg6_125_UTILITYPlan18.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Med.tbl



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Unit Information Unit Leader Initials	
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
20% SUBMITTAL	

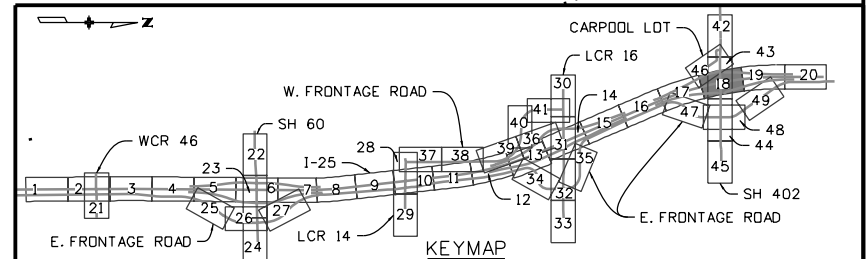
Colorado Department of Transportation

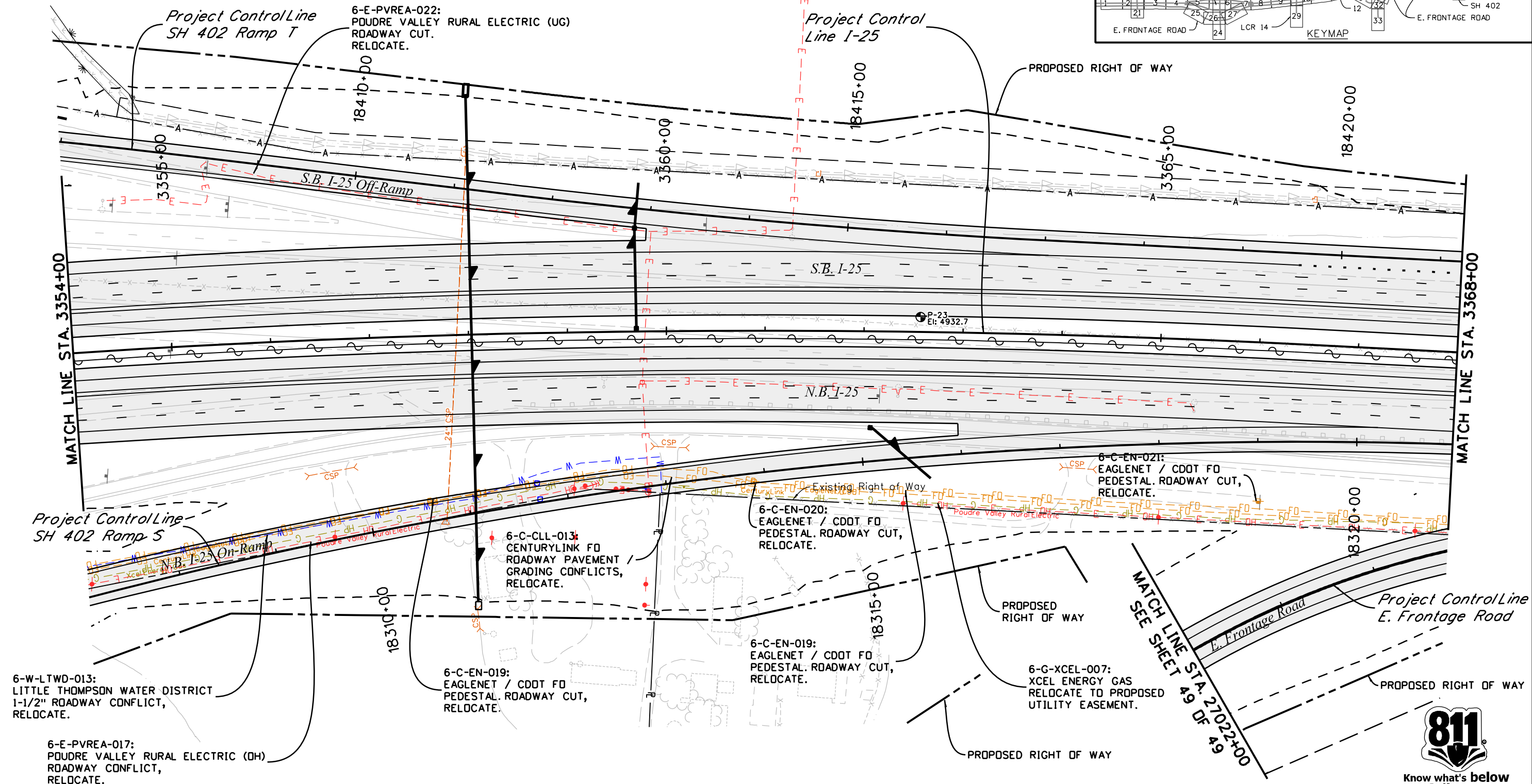
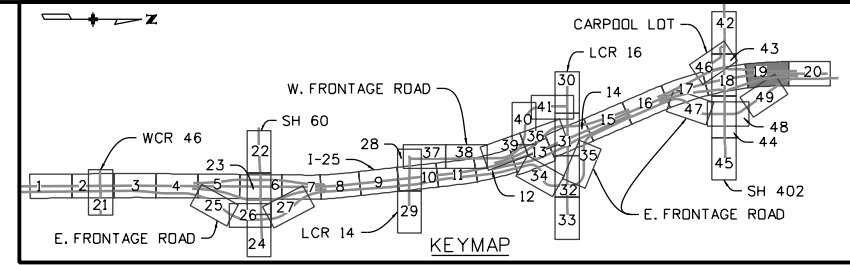
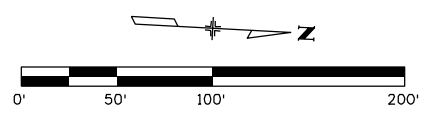
 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
Region 4 **CJB**

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402	
I-25 UTILITY PLAN	
STA. 3340+00 TO STA. 3354+00	
Designer: BS	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 18 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 270





Leah 3:31:48 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_125_UtilityPlan19.dgn
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Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	EES ENGINEERING

Sheet Revisions	
Date:	Comments
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Region 4

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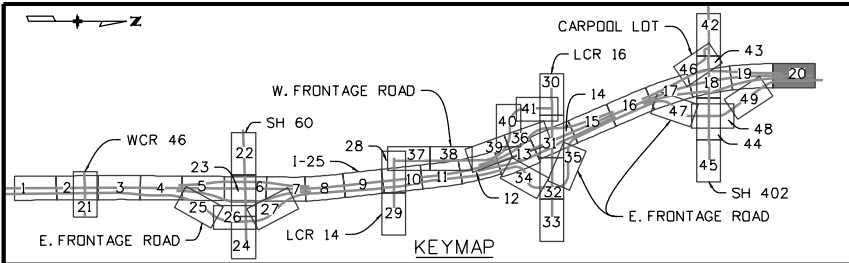
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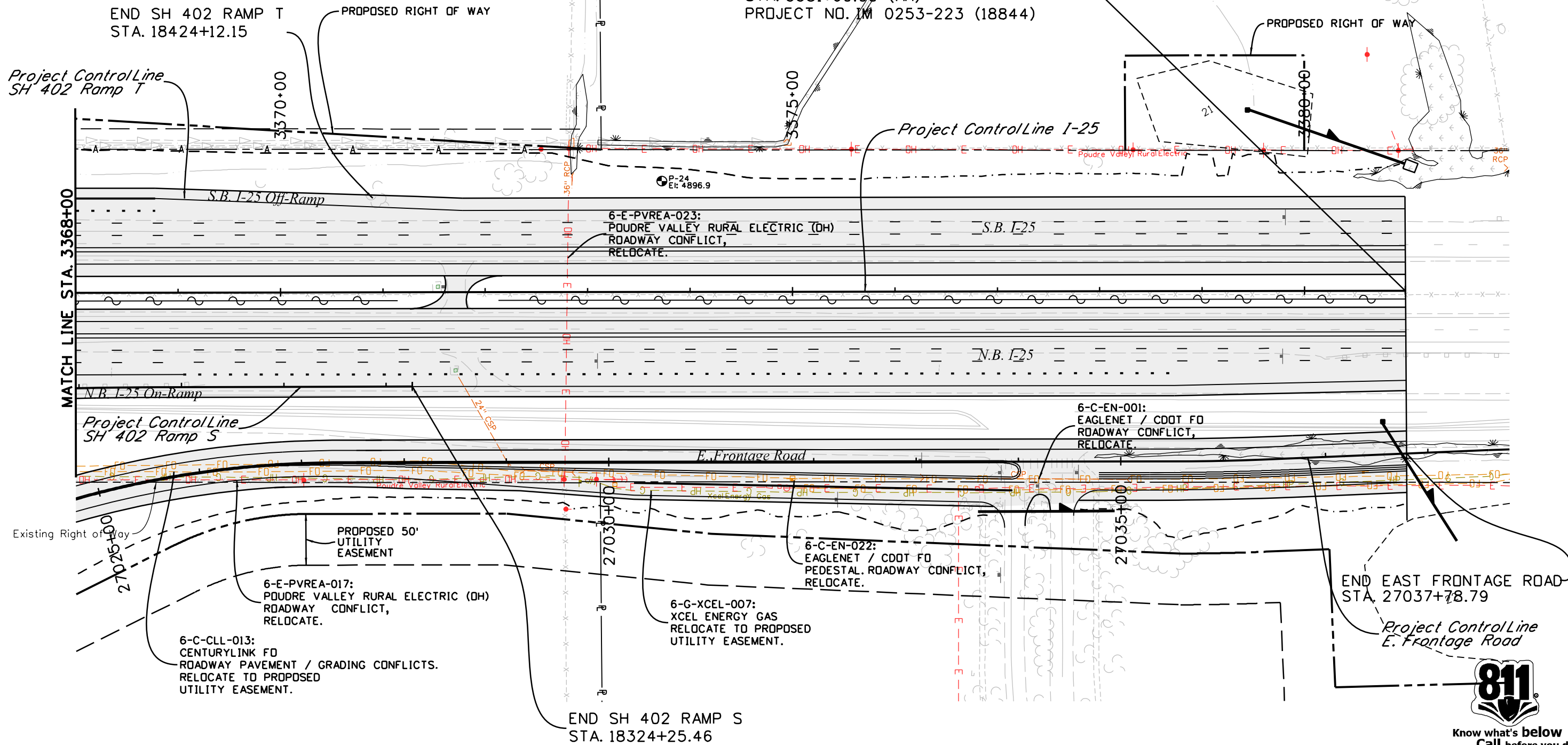
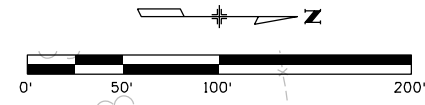
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Designer:	BS	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	UTILITY	Subset Sheets:	19 of 49

Project No./Code	IM 0253-220
Sheet Number	271





END SEGMENT 6
 NORTH I-25 RECONSTRUCTION
 FROM N/O SH 56 TO N/O SH 402
 PROJECT NO. IM 0253-220 (18319)
 STA. 3380+98.30 (BK) =
 STA. 3381+00.00 (AH)
 PROJECT NO. IM 0253-223 (18844)



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Leah 3:31:56 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDOT R-4\18319\Utilities Drawings\I-25 Segment 6\18319UTIL_Seg6_125_UtilityPlan20.dgn 12/12/2016 CDOT-DefaultPrinter_V8i.plt cjb

Print Date: 12/12/2016	0000
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Horiz. Scale: 1:100 Vert. Scale: As Noted	
Unit Information Unit Leader Initials	

Sheet Revisions	
Date:	Comments
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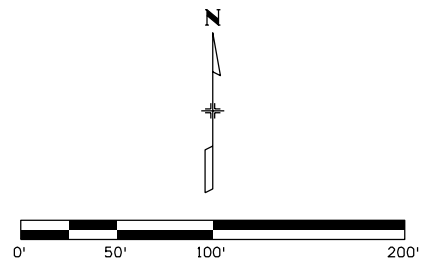
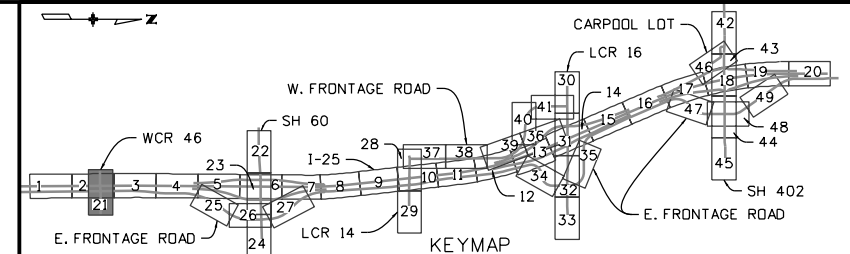
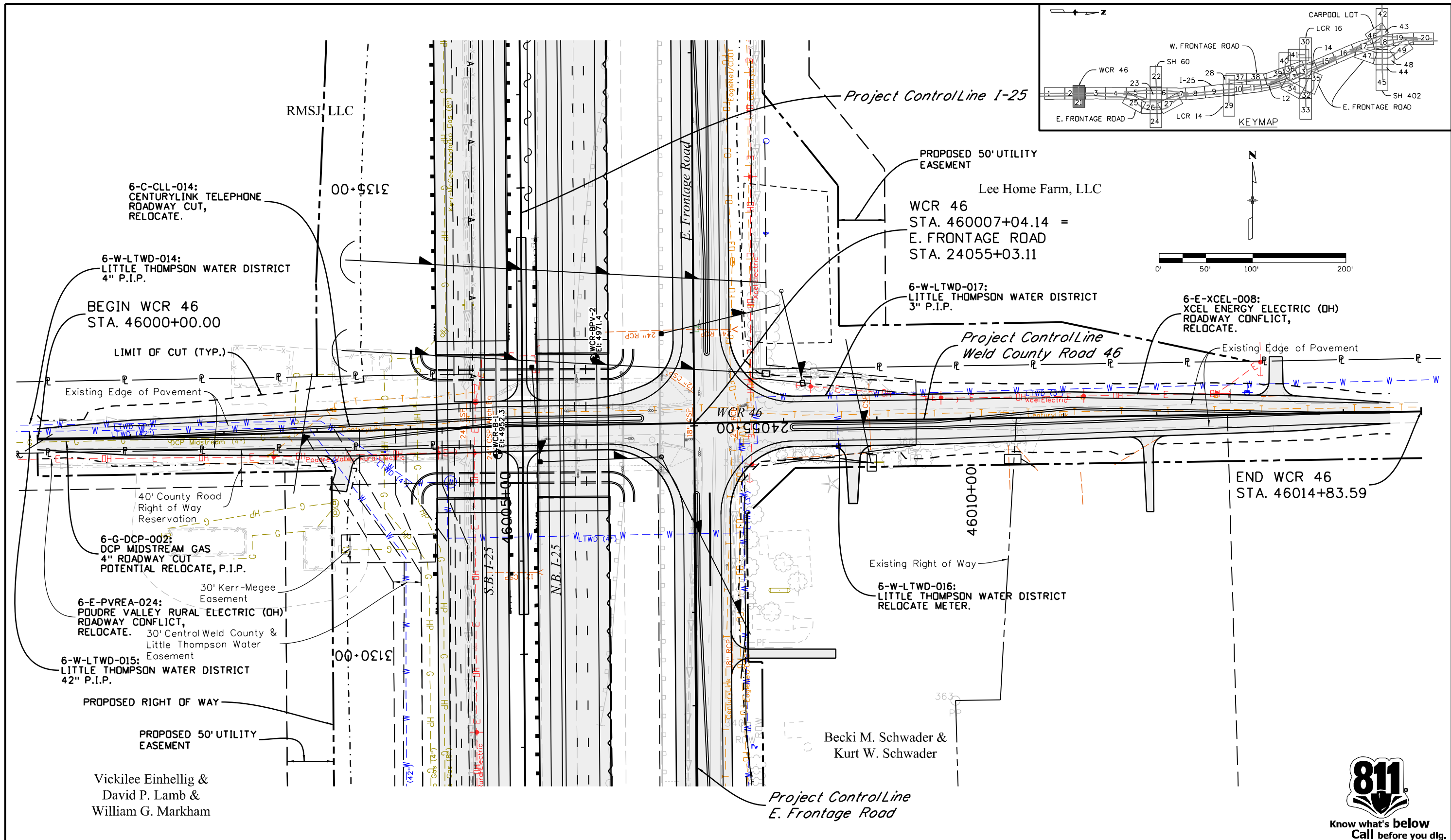
Region 4 CJB

As Constructed
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Revised:
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I-25 UTILITY PLAN	
STA. 3368+00 TO STA. 3382+00	
Designer: BS	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 20 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 272

Leah 3:32:04 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_WCR46_UtilityPlan01.dgn
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Print Date: 12/12/2016
Drawing File Name: 18319UTIL_Seg6_WCR46_UtilityPlan01.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
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Sheet Revisions	
Date:	Comments
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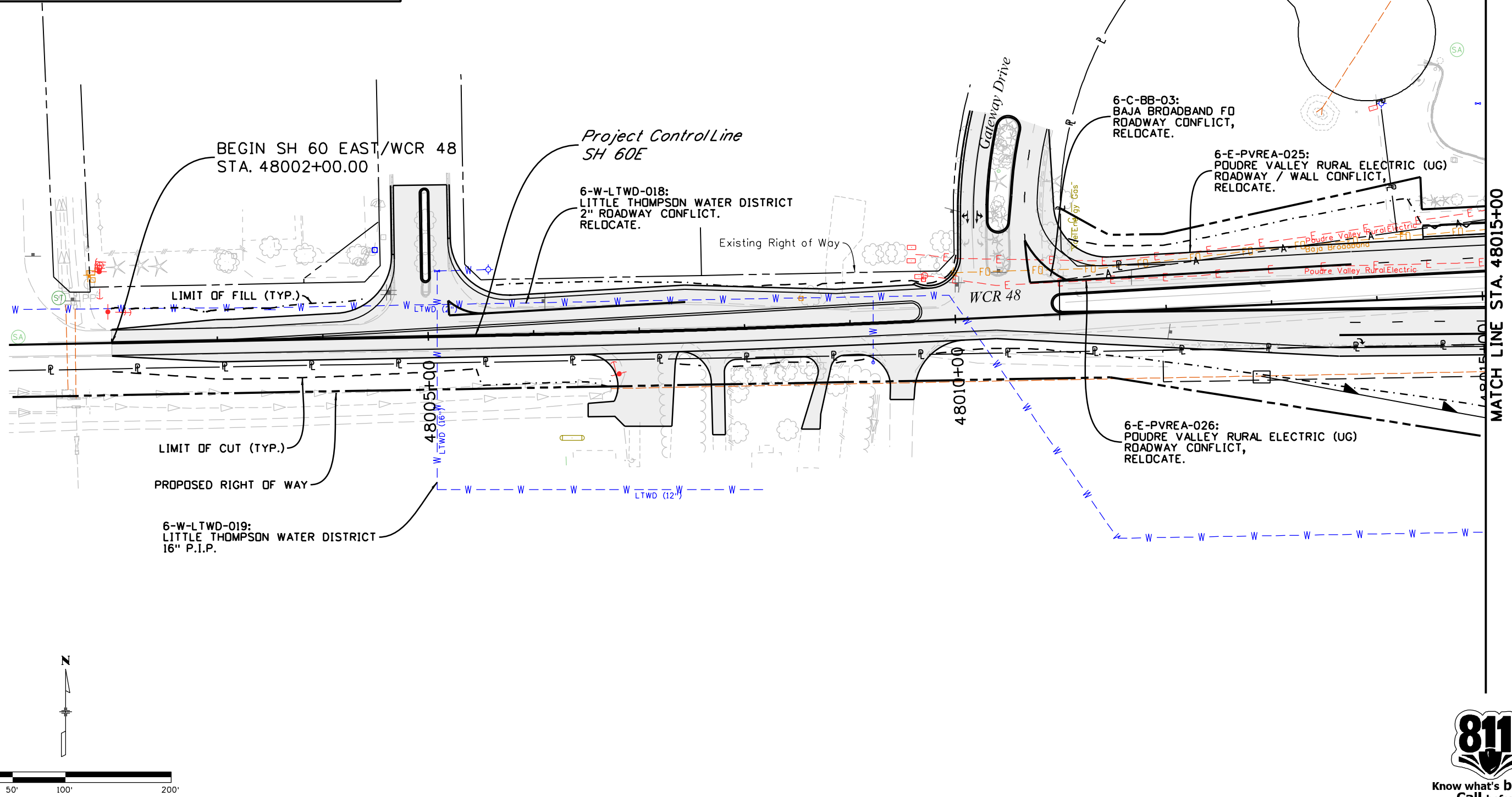
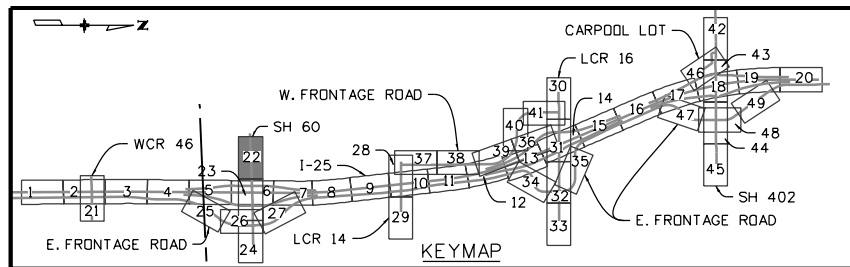
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Revised:
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WCR 46 UTILITY PLAN	
STA. 46000+00 TO 48014+83.59	
Designer: RKZ	Structure Numbers
Detailer: LMR	
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Project No./Code
IM 0253-220
18319
Sheet Number 273



Leah 3:32:13 PM P:\12-003\01-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate Utilities Drawings\1-25 Segment 6\18319UTIL_Seg6_SH60_UtilityPlan01.dgn
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_SH60_UtilityPlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments

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Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

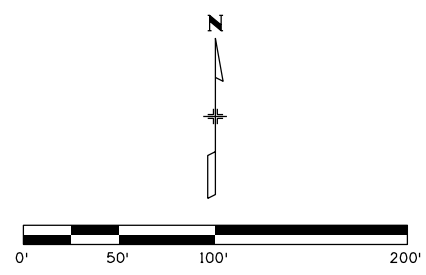
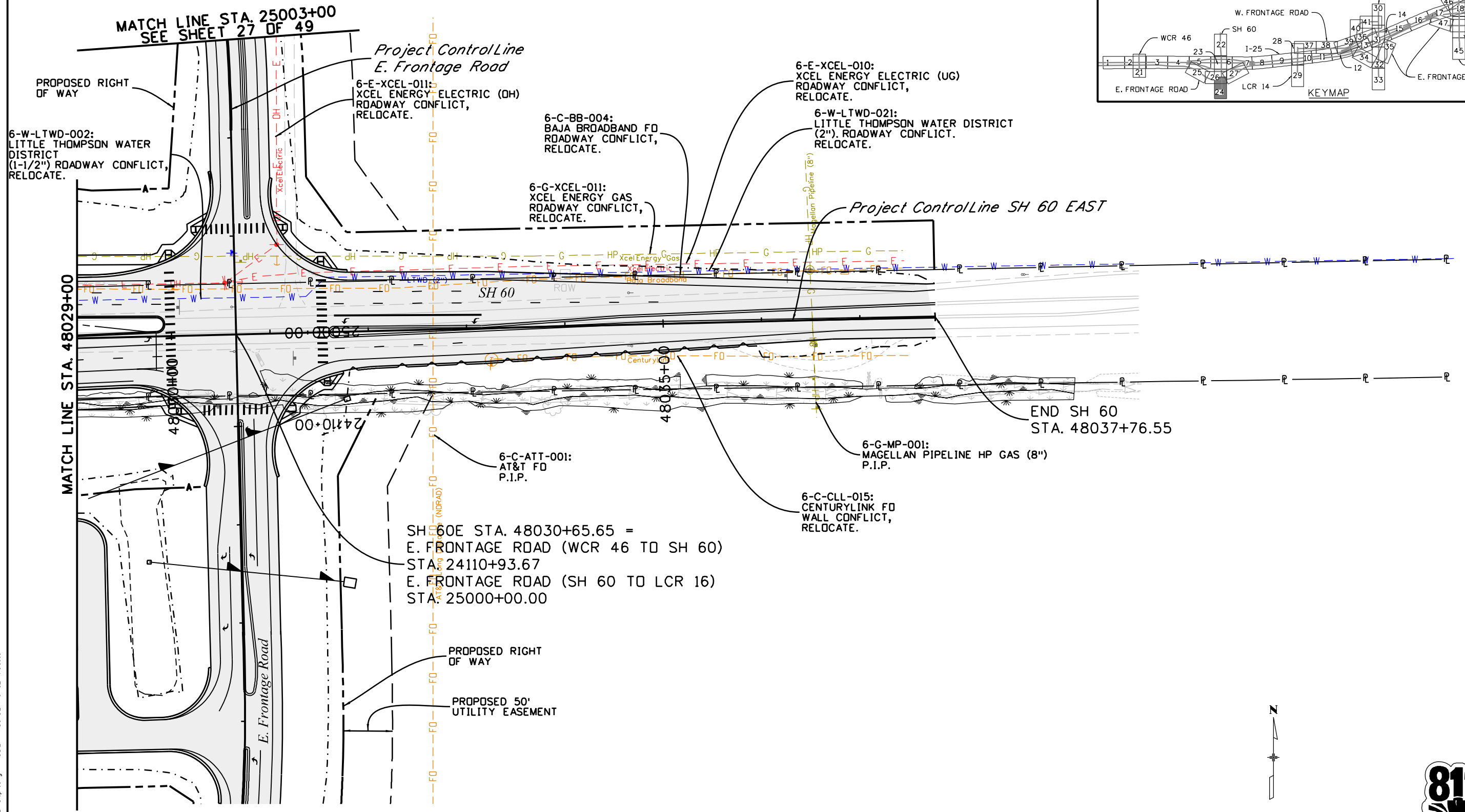
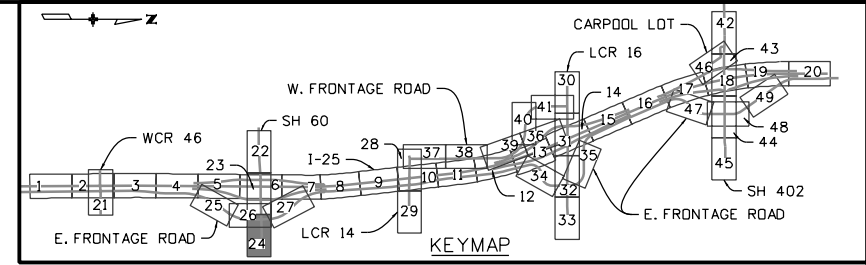
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Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 22 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	274

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Leah 3:32:31 PM P:\12-003\01-1-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\1-25 Segment 6\18319\UTIL_Seg6_SH60_UtilityPlan03.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Med.tbl



Print Date: 12/12/2016
Drawing File Name: 18319UTIL_Seg6_SH60_UtilityPlan03.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

Sheet Revisions	
Date:	Comments
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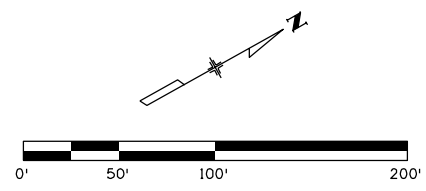
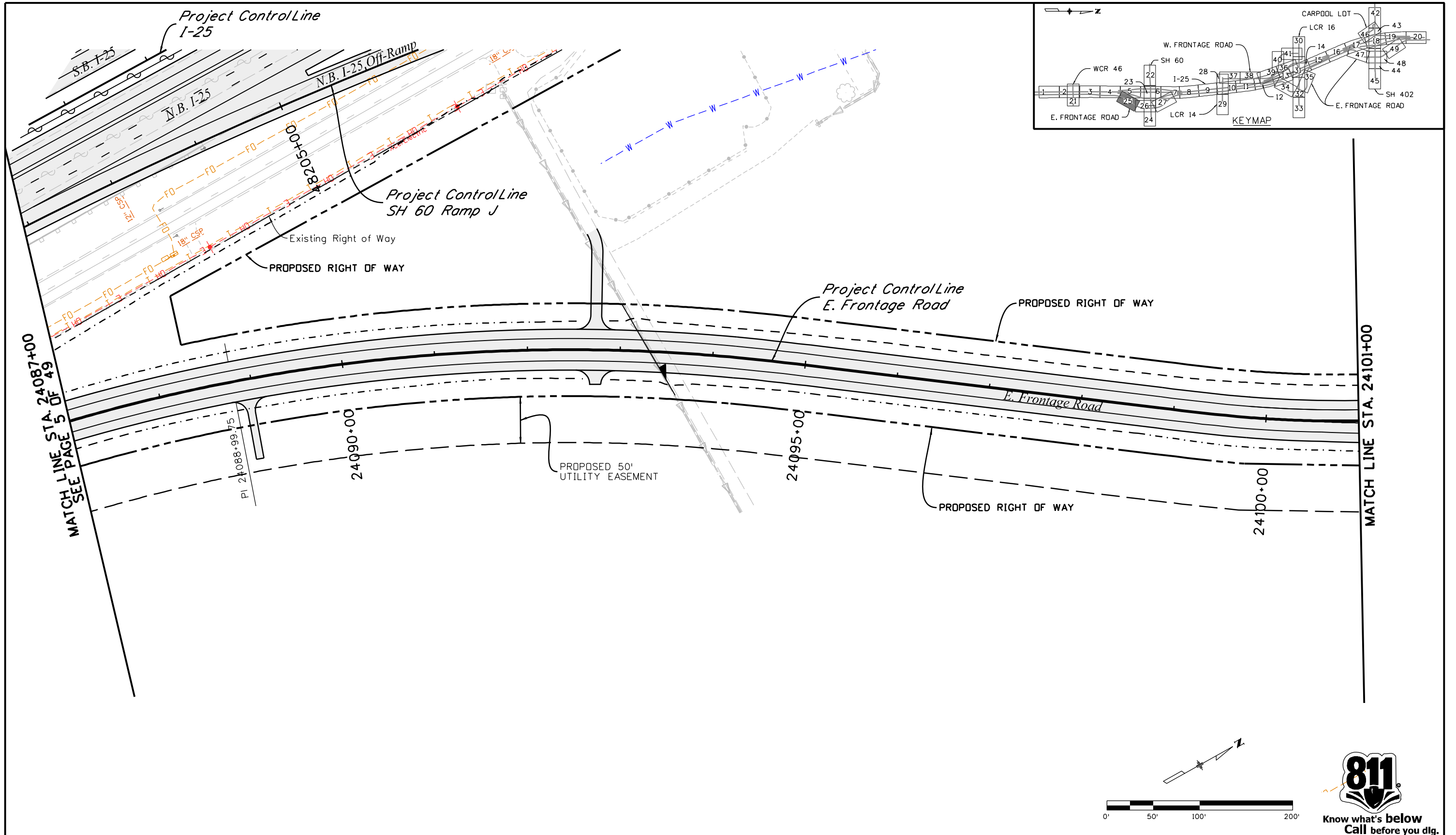
 10601 W. 10th Street
 Greeley, CO 80634
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 Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402	
SH 60 EAST / WCR 48 UTILITY PLAN	
STA. 48029+00 TO STA. 48037+77	
Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 24 of 49


Project No./Code
IM 0253-220
18319
Sheet Number 276

Leah 3:32:39 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 - Segment 6\18319UTIL_Seg6_EFR_UtilityPlan01.dgn
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Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

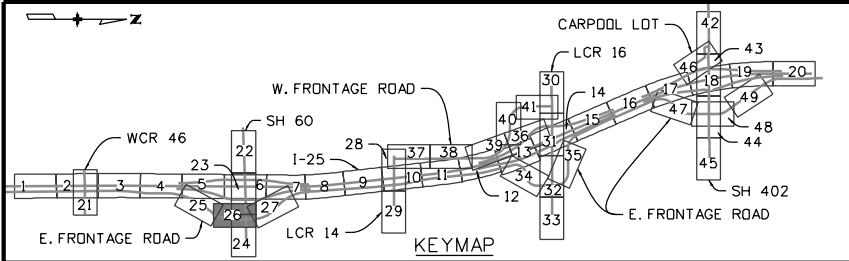
Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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 Region 4
 10601 W. 10th Street
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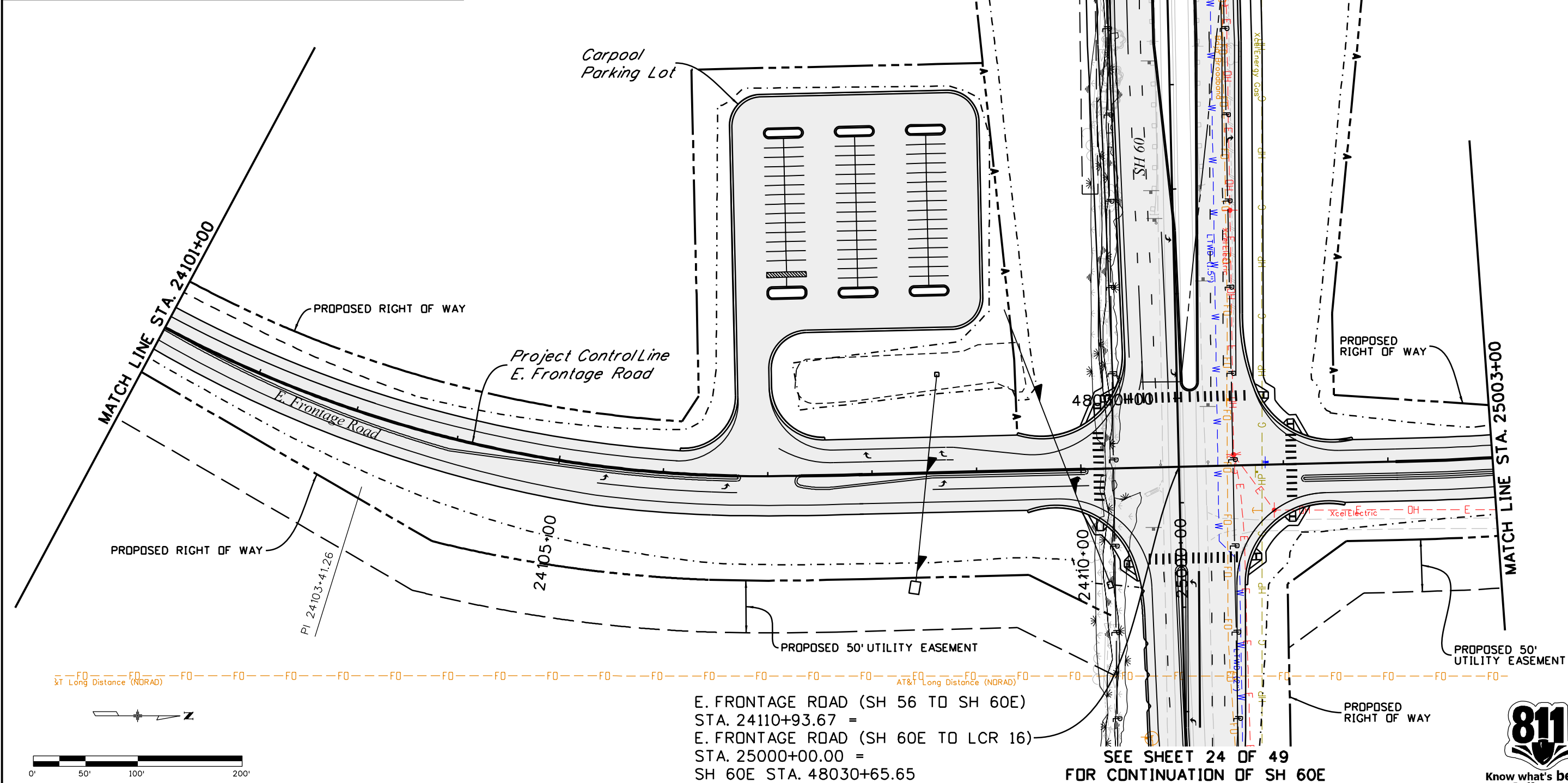
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Revised:	Void:

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Designer: RKZ	Structure Numbers
Detailer: LMR	Subset Sheets: 25 of 49
Sheet Subset: UTILITY	

Project No./Code	IM 0253-220
Sheet Number	277



SEE SHEET 23 OF 49
FOR CONTINUATION OF SH 60E



E. FRONTAGE ROAD (SH 56 TO SH 60E)
STA. 24110+93.67 =
E. FRONTAGE ROAD (SH 60E TO LCR 16)
STA. 25000+00.00 =
SH 60E STA. 48030+65.65

SEE SHEET 24 OF 49
FOR CONTINUATION OF SH 60E




Leah 3:32:46 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_EFR_UtilityPlan02.dgn
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_EFR_UtilityPlan02.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments

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Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

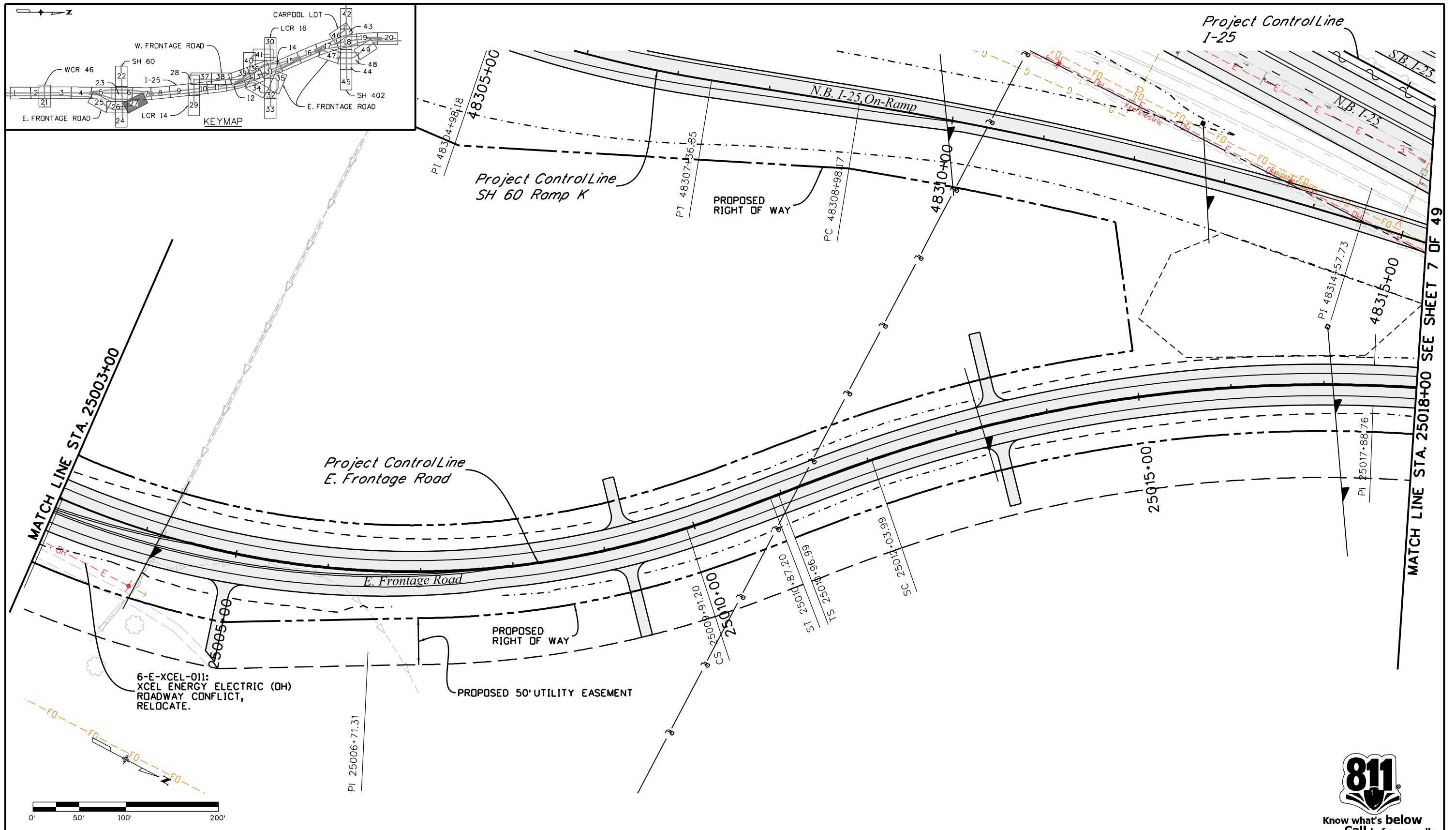
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Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 26 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 278

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Know what's below
Call before you dig.

Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_EFR_UtilityPlan03.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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10601 W. 10th Street
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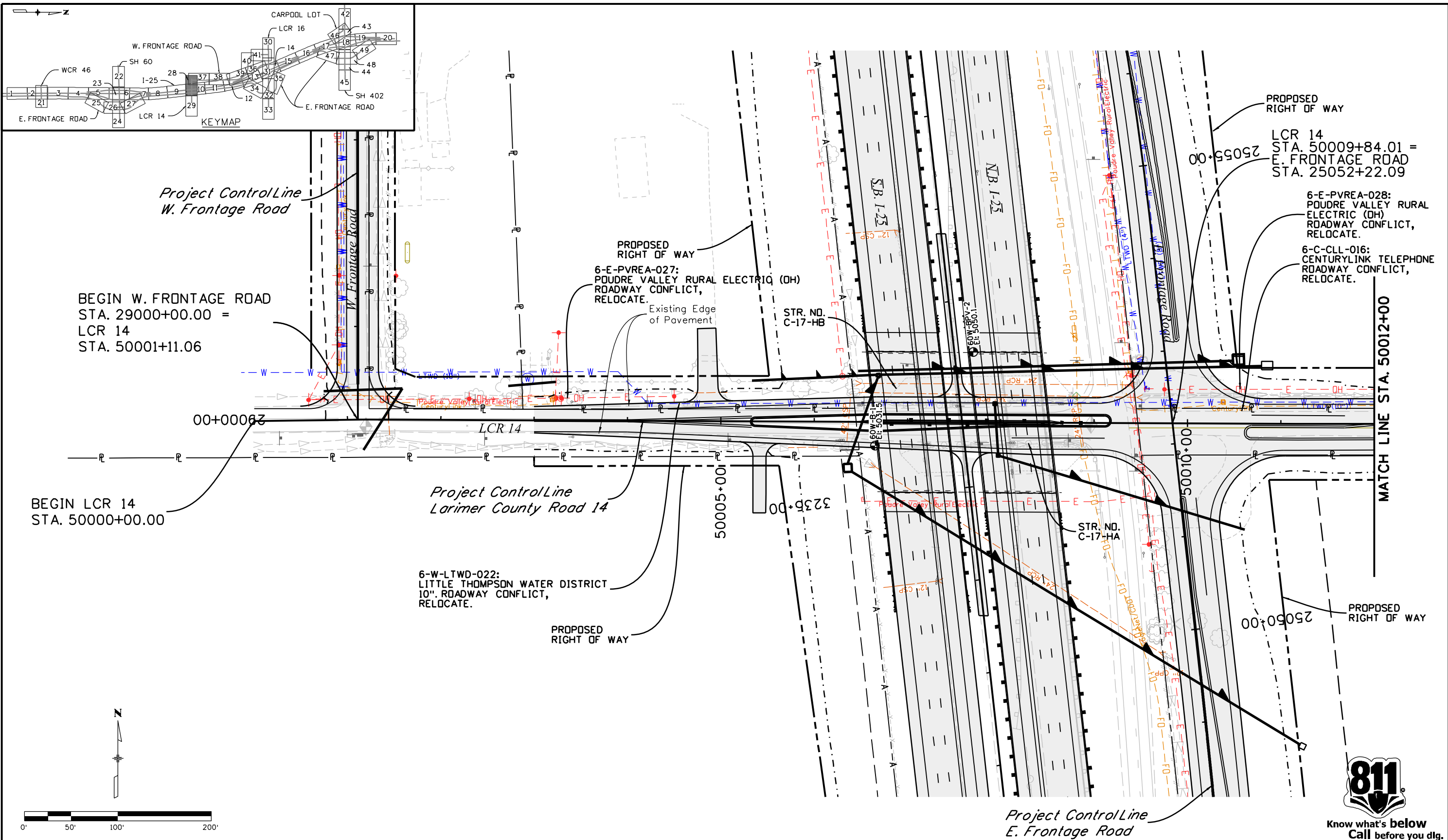
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer: RKZ	Structure Numbers
Detailer: LMR	Sheet Subset: UTILITY
Sheet Subset: UTILITY	Subset Sheets: 27 of 49

Project No./Code	IM 0253-220
Sheet Number	279

Leah 3:33:12 PM P:\12-003\01-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate Utilities\Drawings\1-25 Segment 6\18319UTIL_Seg6_LCR14_UtilityPlan01.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Med.tbl



Know what's below
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_LCR14_UtilityPlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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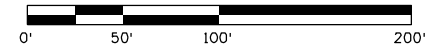
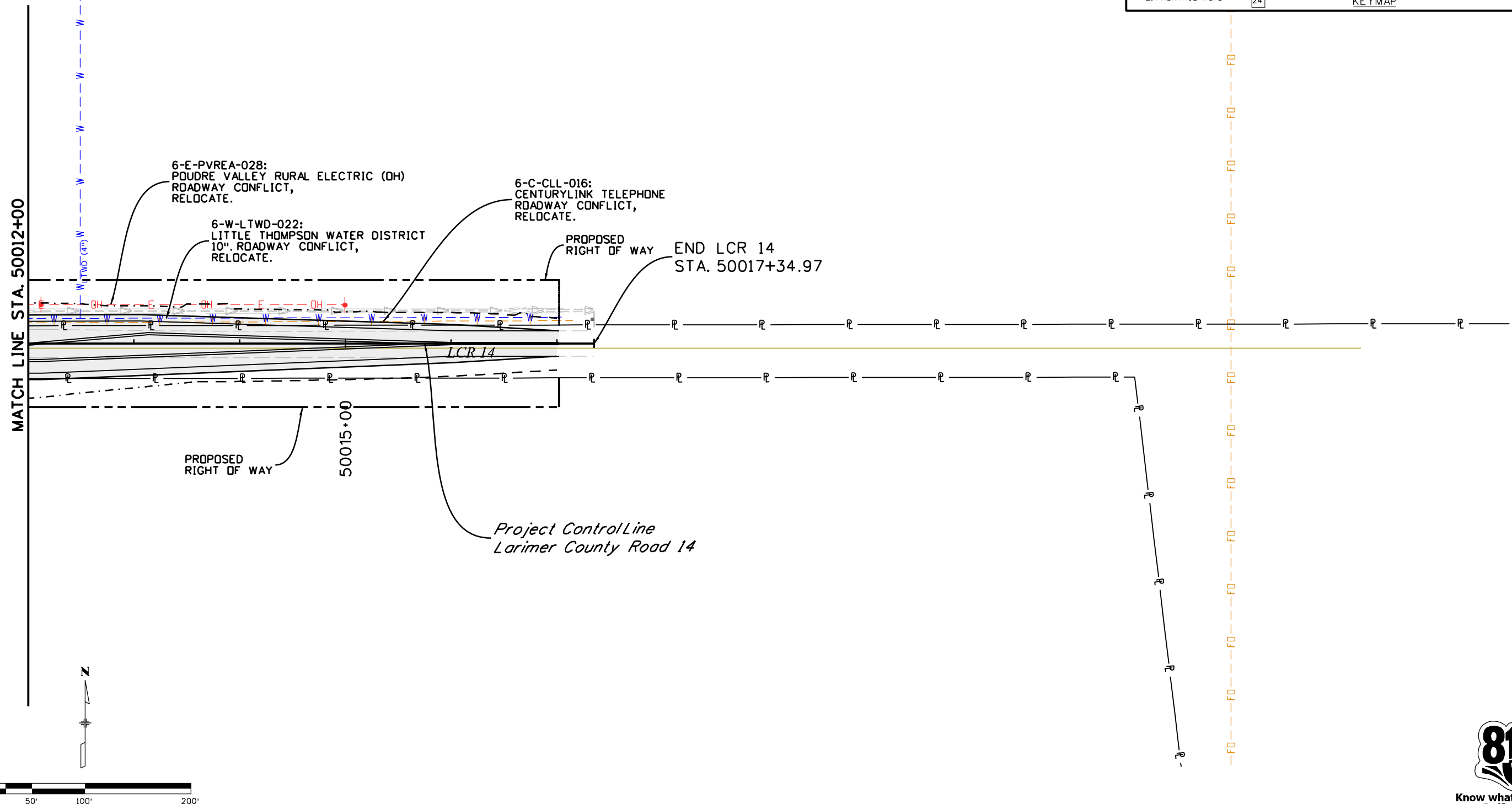
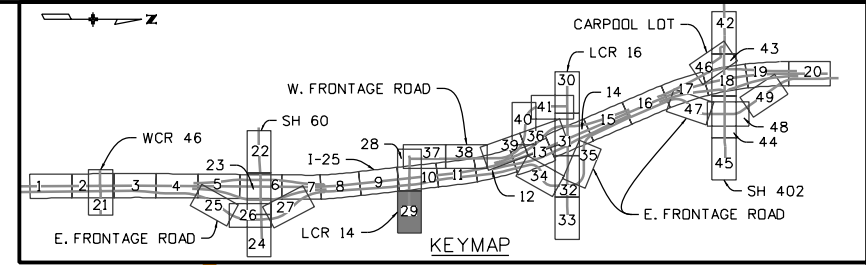
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 28 of 49


Project No./Code	IM 0253-220
Sheet Number	280

Leah 3:33:21 PM P:\12-003.01\1-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\1-25 Segment 6\18319UTIL_Seg6_LCR14_UtilityPlan02.dgn
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Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

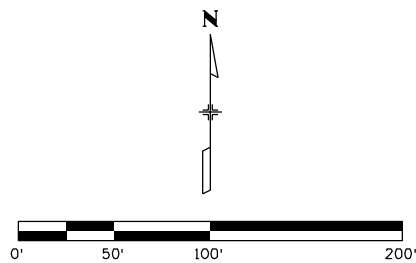
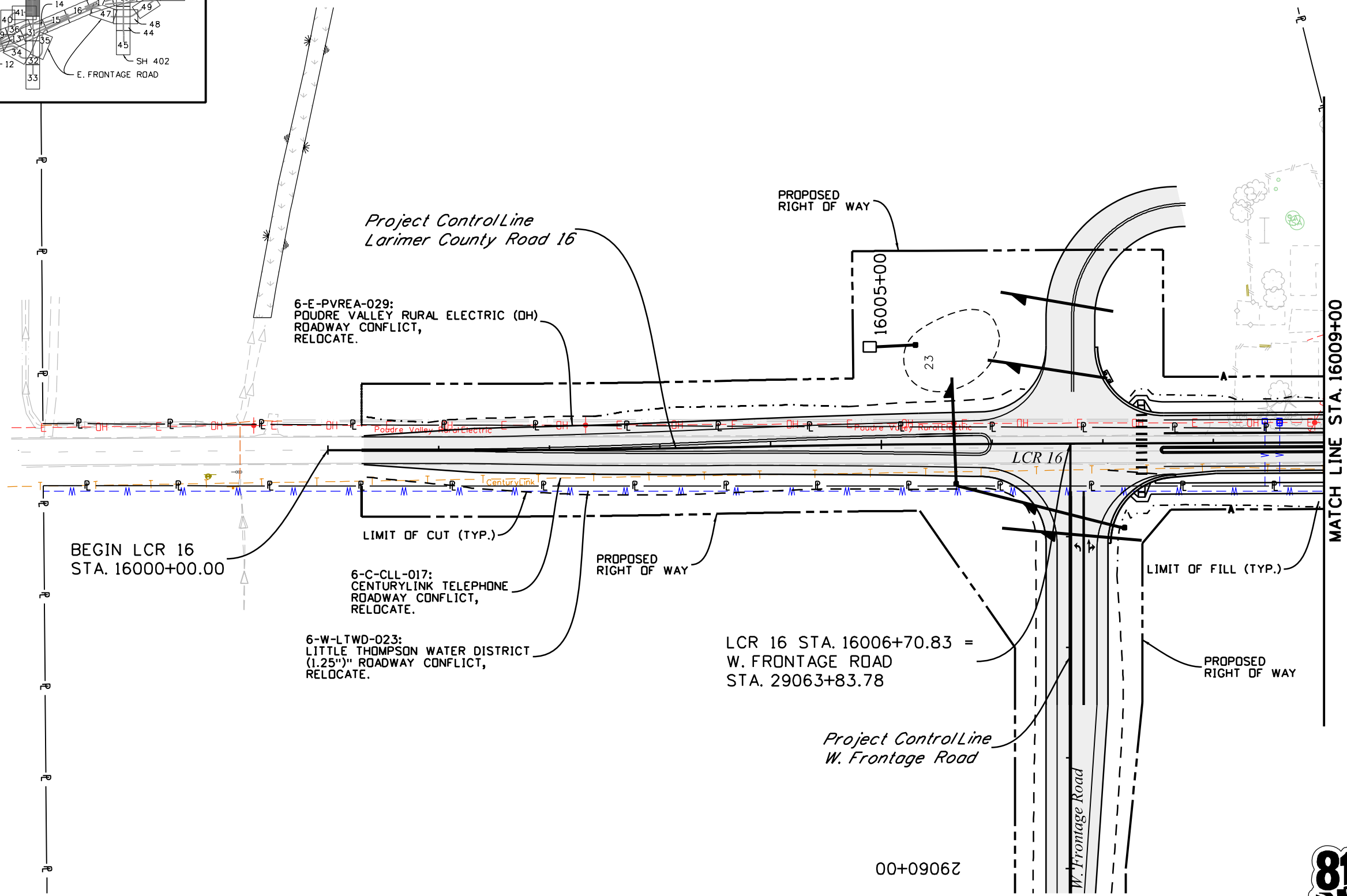
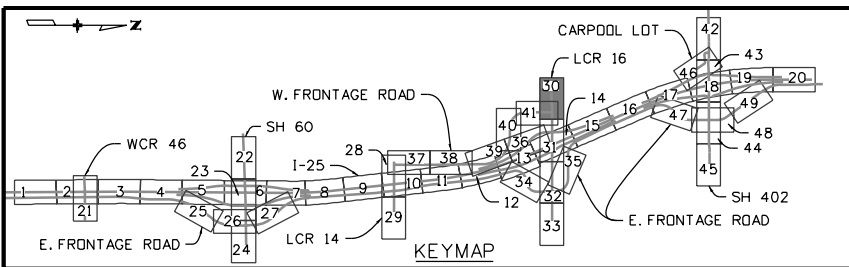
Colorado Department of Transportation

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 Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402	
LCR 14 UTILITY PLAN	
STA. 50012+00 TO STA. 50017+35	
Designer: RKZ	Structure Numbers
Detailer: LMR	Subset Sheets: 29 of 48
Sheet Subset: UTILITY	

Project No./Code	IM 0253-220
Sheet Number	281

Leah 3:33:29 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\1-25 Segment 6\18319UTIL_Seg6_LCR16_UtilityPlan01.dgn
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Know what's below
Call before you dig.

Print Date: 12/12/2016	
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Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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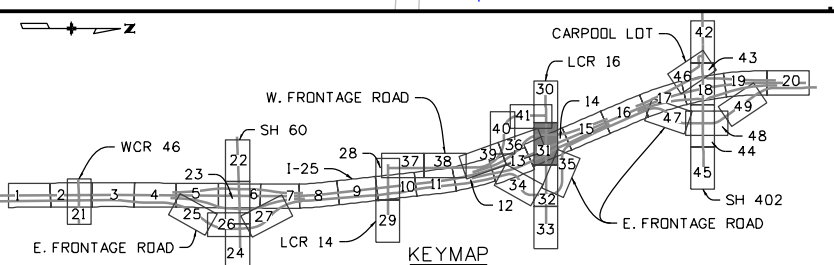
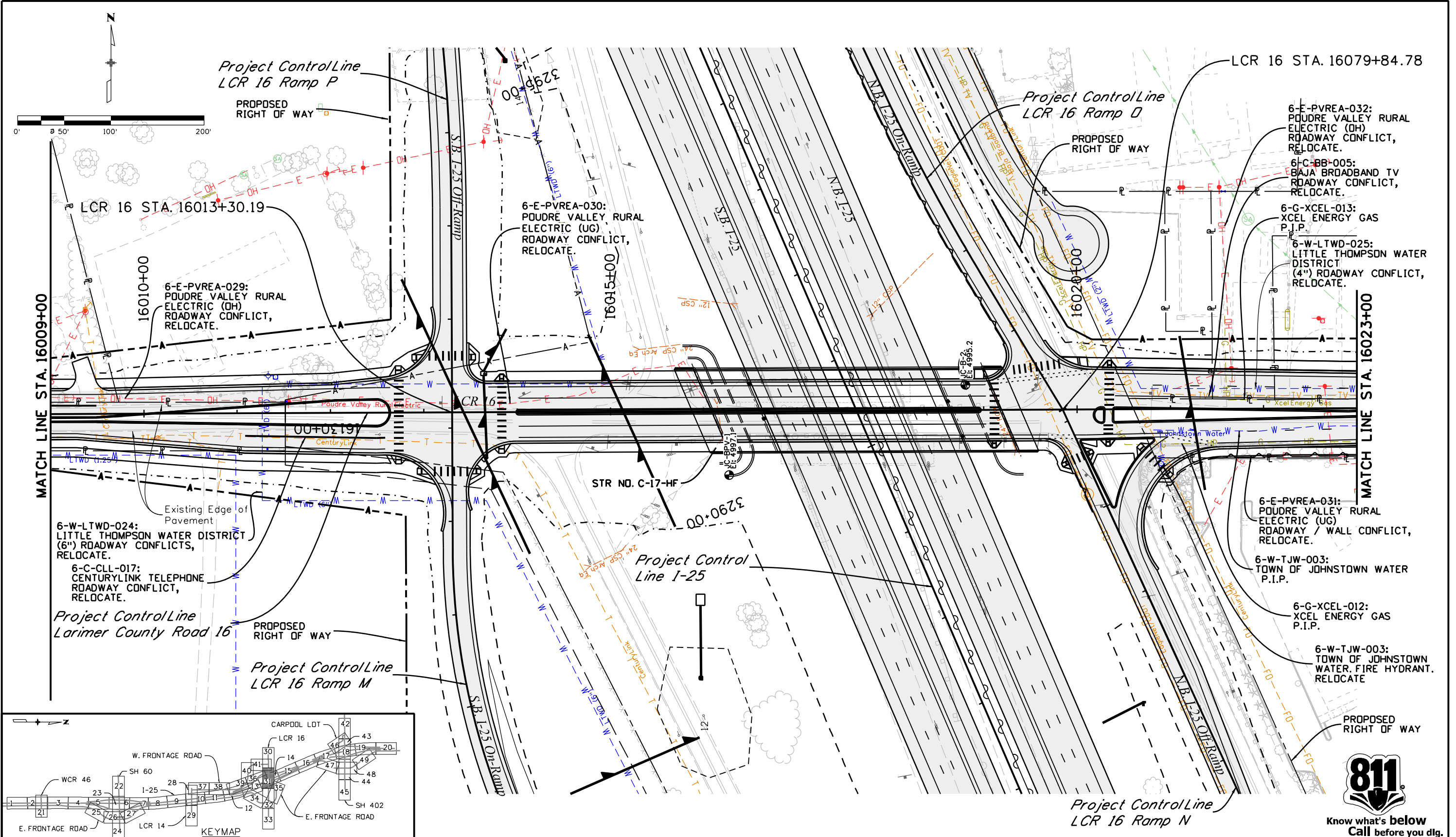
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer: RKZ	Structure Numbers
Detailer: LMR	Subset Sheets: 30 of 49
Sheet Subset: UTILITY	

Project No./Code	IM 0253-220
Sheet Number	282

Leah 3:33:37 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_LCR16_UTILITYPlan02.dgn
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Know what's below
Call before you dig.

Print Date: 12/12/2016
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Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

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	Date:	Comments
20% SUBMITTAL		

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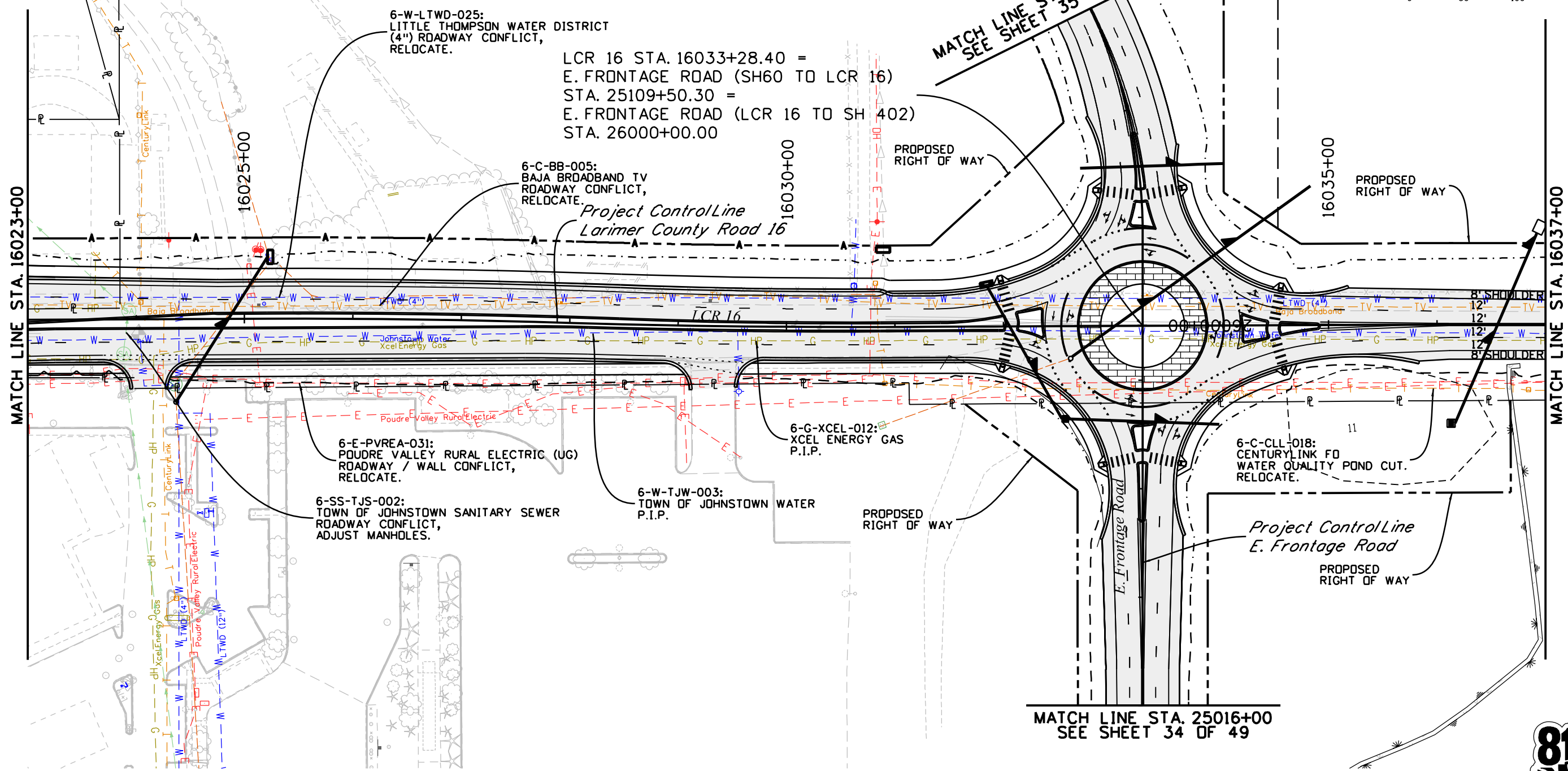
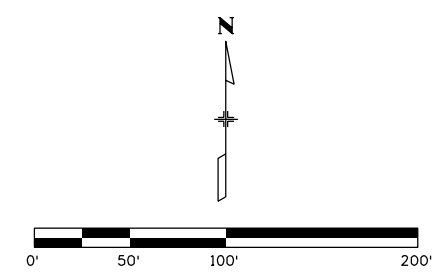
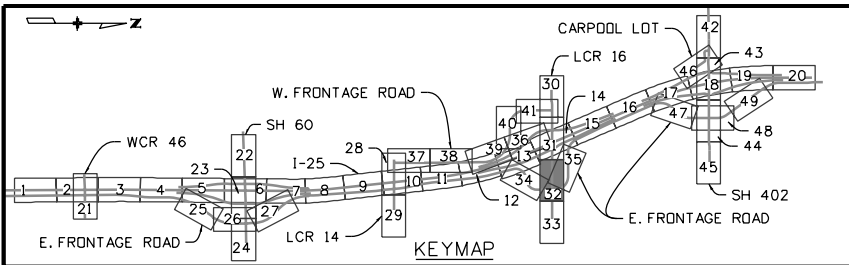
10601 W. 10th Street
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Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

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Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 31 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 283



6-W-LTWD-025:
LITTLE THOMPSON WATER DISTRICT
(4") ROADWAY CONFLICT,
RELOCATE.

LCR 16 STA. 16033+28.40 =
E. FRONTAGE ROAD (SH60 TO LCR 16)
STA. 25109+50.30 =
E. FRONTAGE ROAD (LCR 16 TO SH 402)
STA. 26000+00.00

6-C-BB-005:
BAJA BROADBAND TV
ROADWAY CONFLICT,
RELOCATE.

*Project Control Line
Larimer County Road 16*

6-E-PVREA-031:
POUDRE VALLEY RURAL ELECTRIC (UG)
ROADWAY / WALL CONFLICT,
RELOCATE.

6-SS-TJS-002:
TOWN OF JOHNSTOWN SANITARY SEWER
ROADWAY CONFLICT,
ADJUST MANHOLES.

6-W-TJW-003:
TOWN OF JOHNSTOWN WATER
P.I.P.

6-G-XCEL-012:
XCEL ENERGY GAS
P.I.P.

6-C-CLL-018:
CENTURYLINK FO
WATER QUALITY POND CUT.
RELOCATE.

*Project Control Line
E. Frontage Road*

MATCH LINE STA. 25016+00
SEE SHEET 34 OF 49

MATCH LINE STA. 26003+00
SEE SHEET 35 OF 49




Leah 3:33:46 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_LCR16_UtilityPlan03.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Med.tbl

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Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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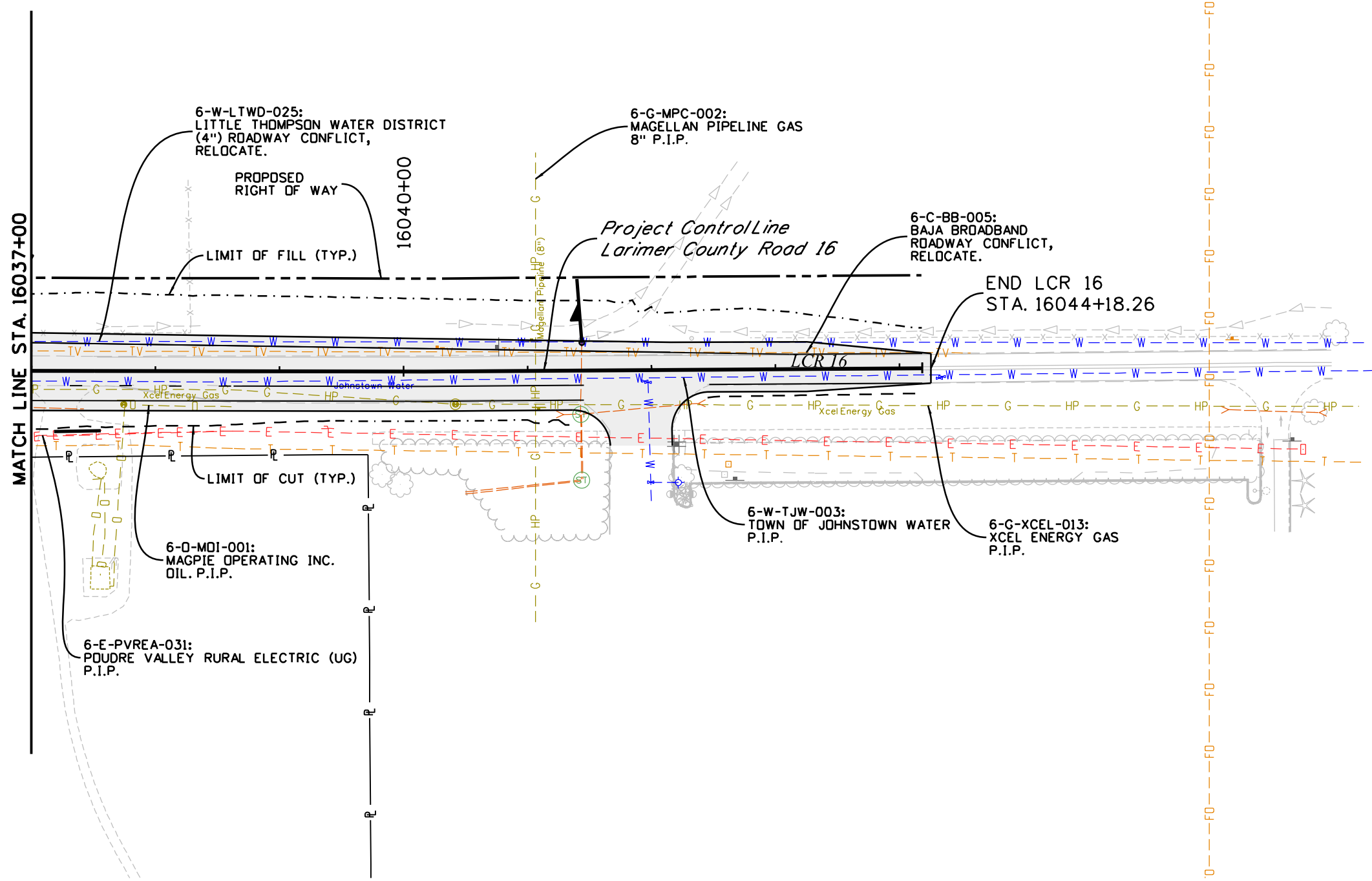
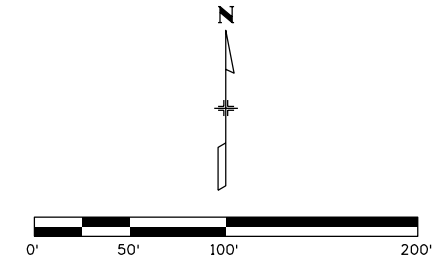
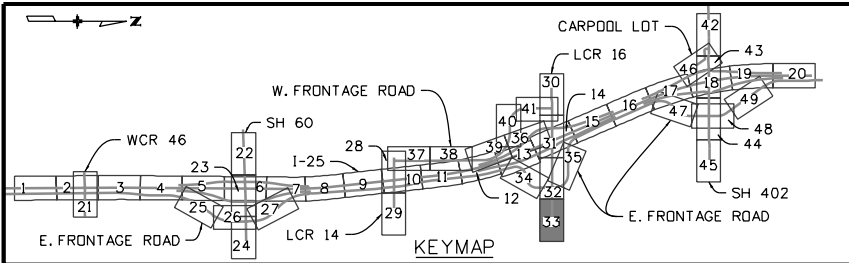
10601 W. 10th Street
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Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 LCR 16 UTILITY PLAN STA. 160723+00 TO STA. 16037+00	
Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 32 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	284



Leah 3:33:55 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_LCR16_UtilityPlan04.dgn
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Know what's below
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Print Date: 12/12/2016
Drawing File Name: 18319UTIL_Seg6_LCR16_UtilityPlan04.dgn
Horiz. Scale: 1:100 Vert. Scale: As Noted
Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

Sheet Revisions	
Date:	Comments
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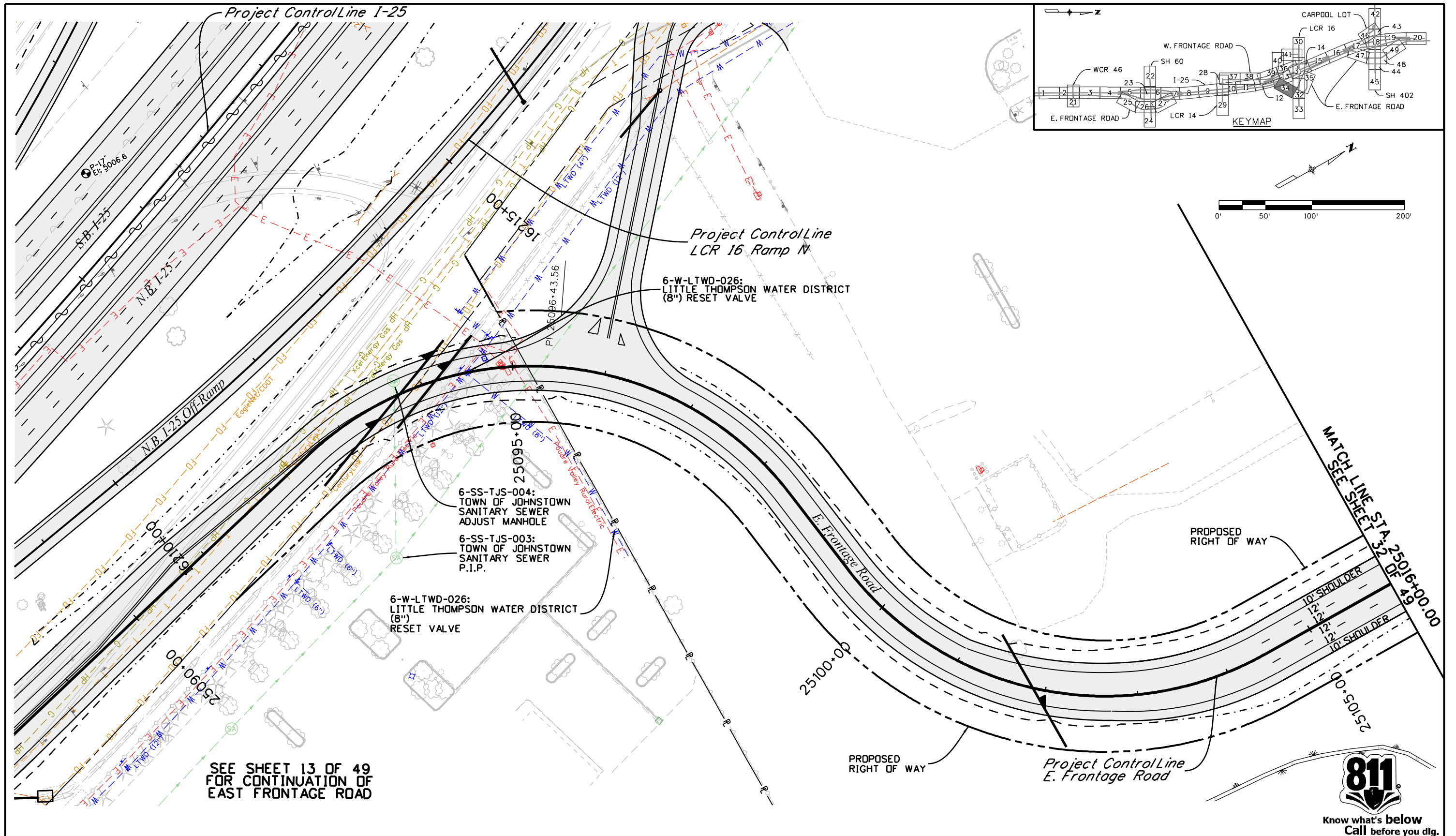
Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

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Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 33 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 285

Leah 3:34:03 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_EFR_UTILITYPlan04.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Med.tbl



SEE SHEET 13 OF 49
FOR CONTINUATION OF
EAST FRONTAGE ROAD

MATCH LINE STA. 25016+00.00
DF 49



Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_EFR_UTILITYPlan04.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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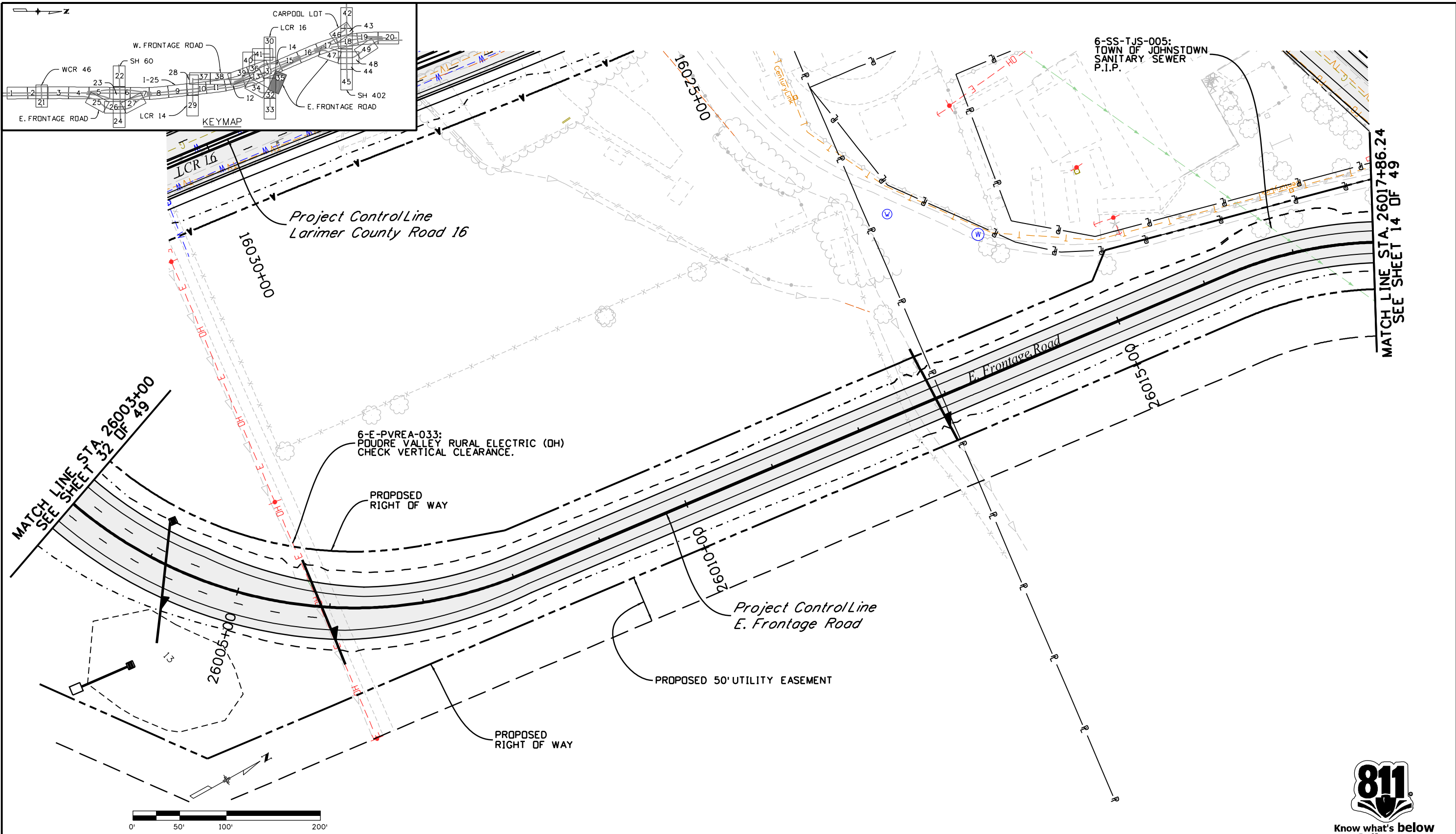
10601 W. 10th Street
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Region 4 CJB

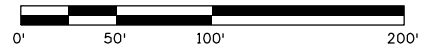
As Constructed	No Revisions:
Revised:	Void:

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Designer: EKS/RKZ	Structure Numbers
Detailer: LMR	Subset Sheets: 34 of 49
Sheet Subset: UTILITY	

Project No./Code	IM 0253-220
Sheet Number	286



Leah 3:34:11 PM P:\12-003.01 1-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate Utilities\Drawings\1-25 Segment 6\18319\UTIL_Seg6_EFR_UtilityPlan05.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V81 CLR-UTIL Med.tbl



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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_EFR_UtilityPlan05.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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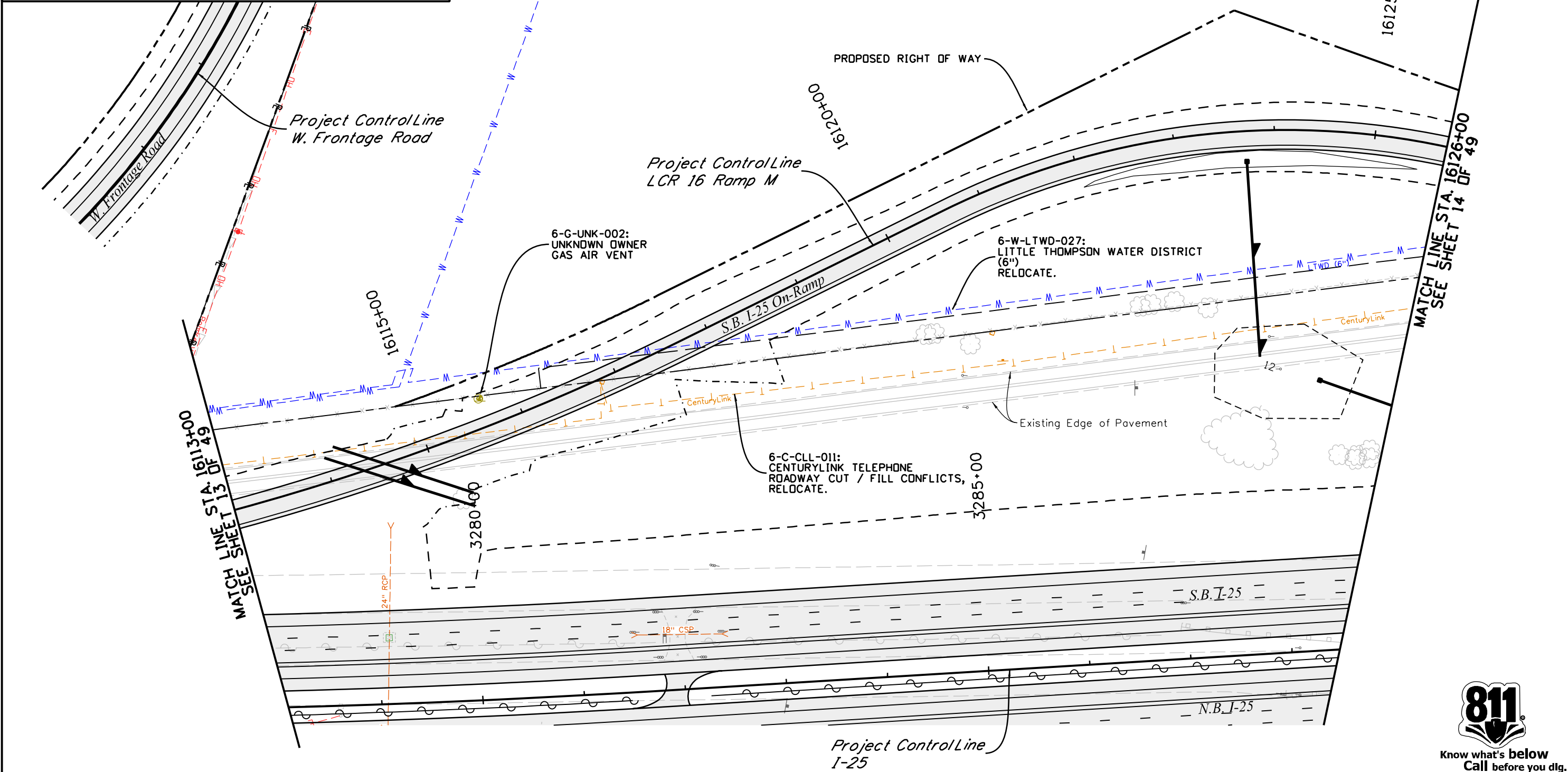
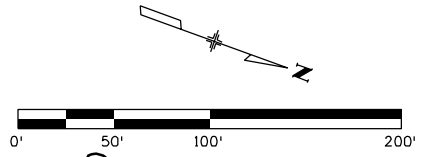
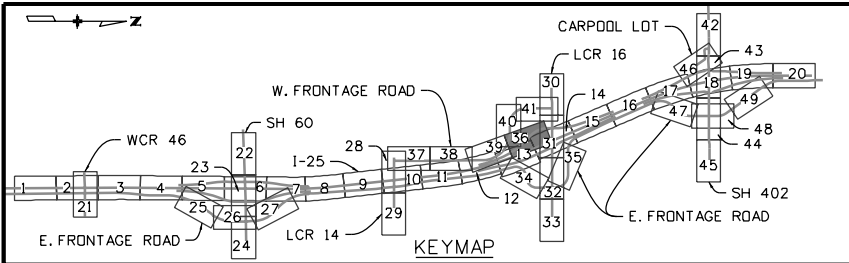
10601 W. 10th Street
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Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/D SH 56 TO N/D SH 402 E. FRONTAGE RD. UTILITY PLAN STA. 26003+00 TO STA. 26018+00	
Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 35 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	287



Leah 3:34:18 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_125_UtilityPlan36_LCR16 Ramp.dgn
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Print Date: 12/12/2016	
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Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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10601 W. 10th Street
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Phone: 970-350-2322 FAX: 970-350-2181

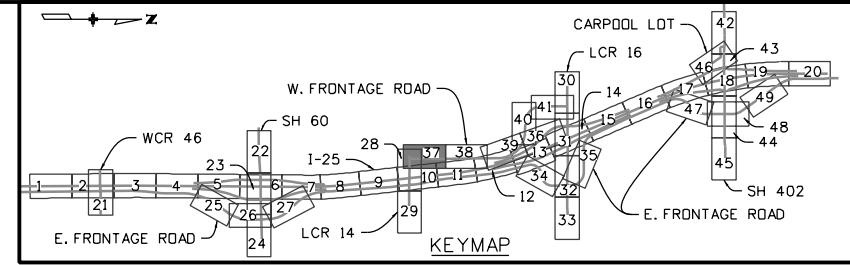
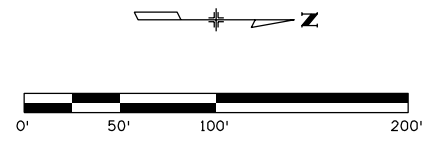
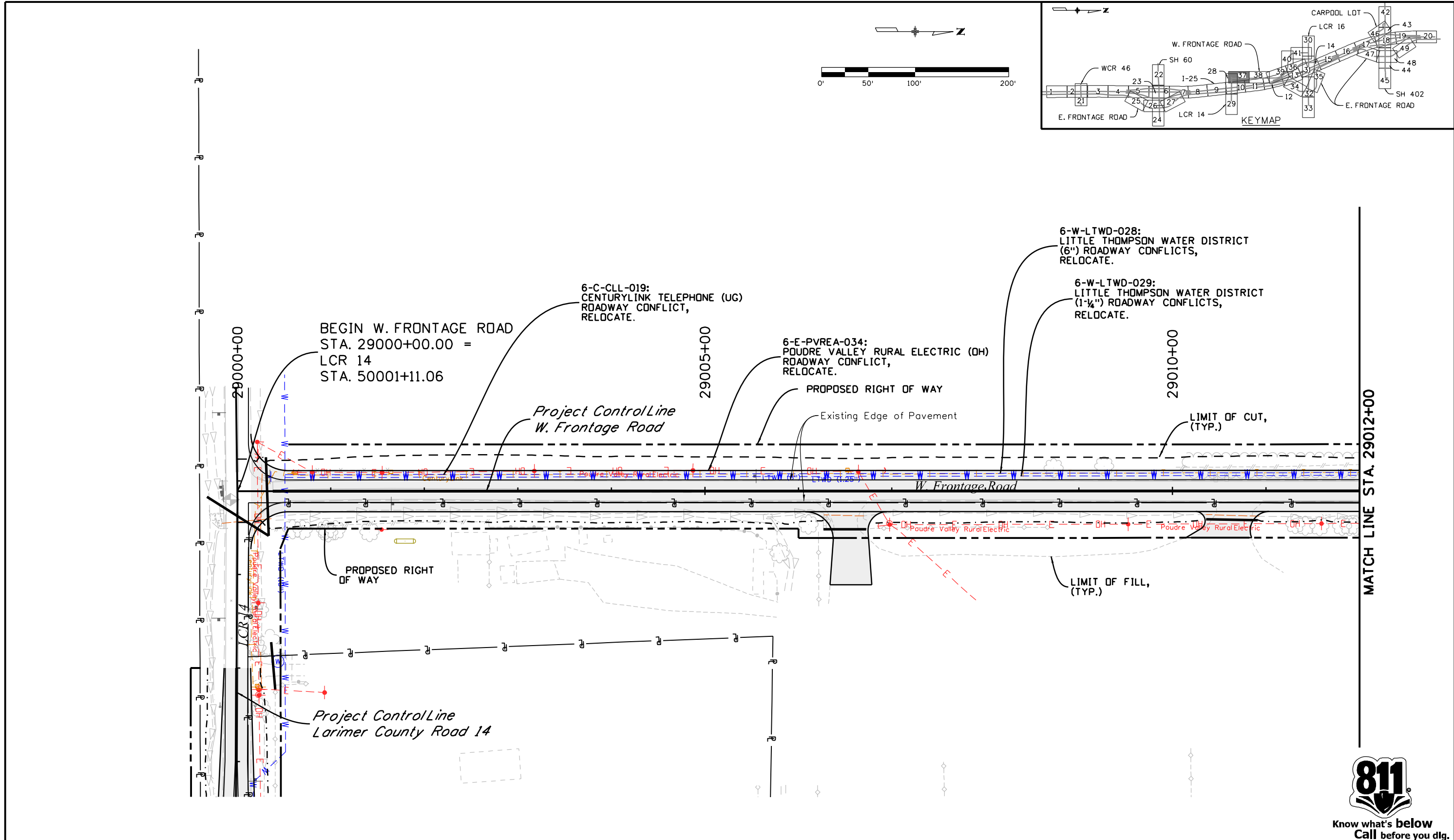
Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 LCR 16 RAMP M UTILITY PLAN STA. 16113+00 TO STA. 16126+00	
Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 36 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 288

Leah 3:34:26 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_WFR_UtilityPlan01.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Med.tbl




Know what's below
Call before you dig.

Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_WFR_UtilityPlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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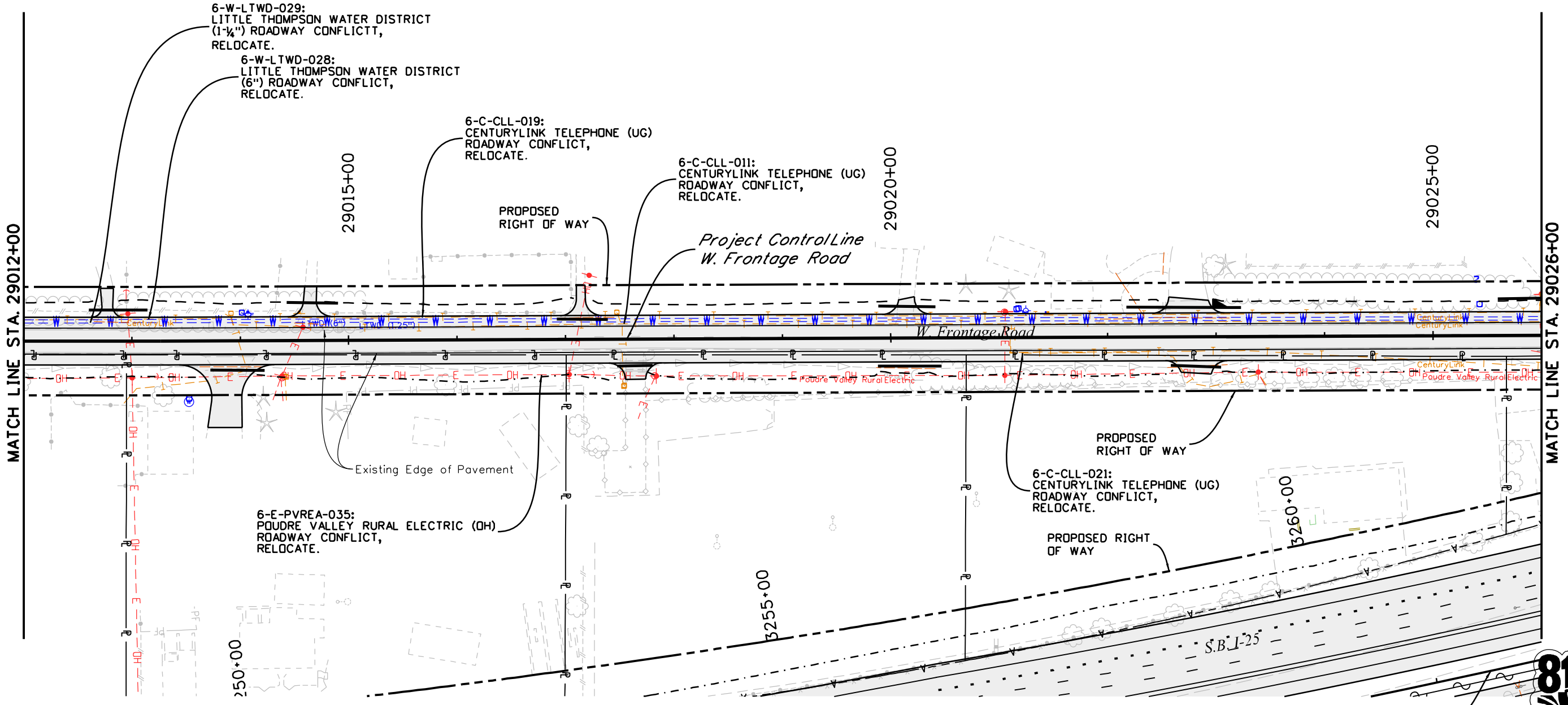
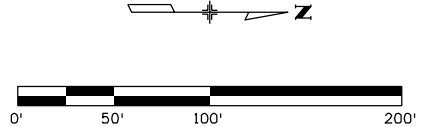
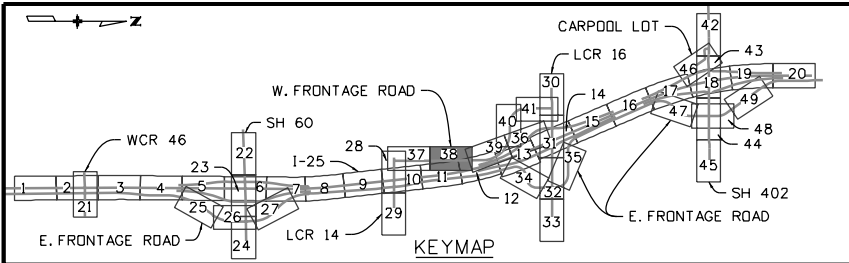
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 W. FRONTAGE RD. UTILITY PLAN STA. 29000+00 TO STA. 29012+00			
Designer:	RKZ	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	UTILITY	Subset Sheets:	37 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	289




Leah 3:34:33 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_WFR_UtilityPlan02.dgn
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_WFR_UtilityPlan02.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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Greeley, CO 80634
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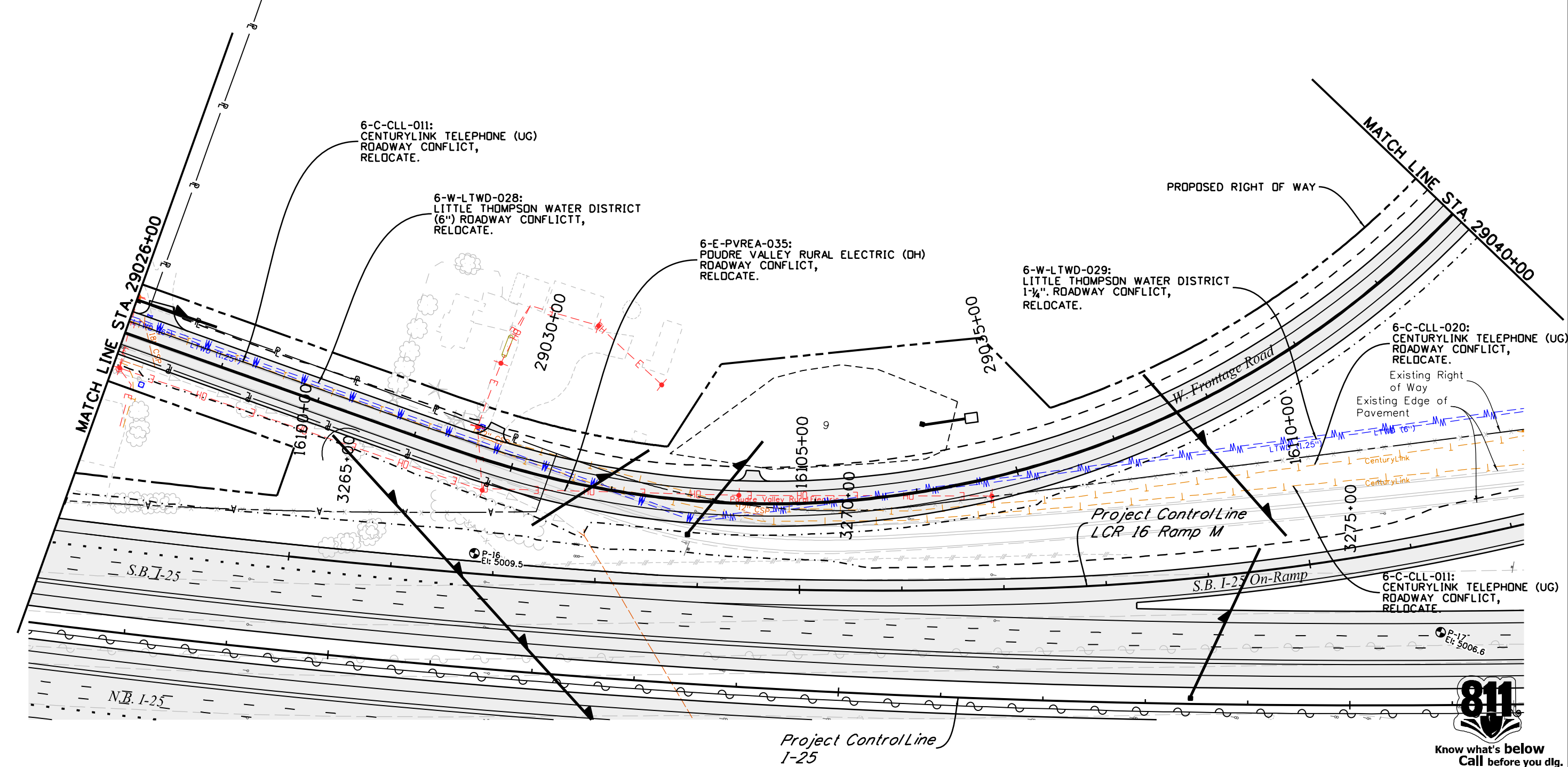
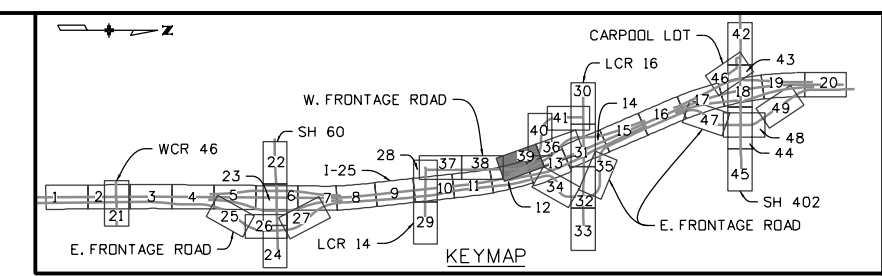
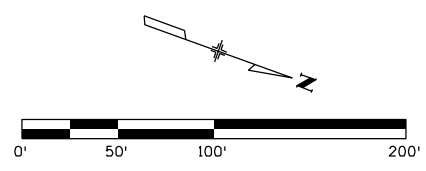
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer:	RKZ	Structure Numbers	
Detailer:	LMR	Subset Sheets:	38 of 49
Sheet Subset:	UTILITY		

Project No./Code	IM 0253-220
Sheet Number	290


 Know what's below
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Leah 3:34:40 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_WFR_UtilityPlan03.dgn
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_WFR_UtilityPlan03.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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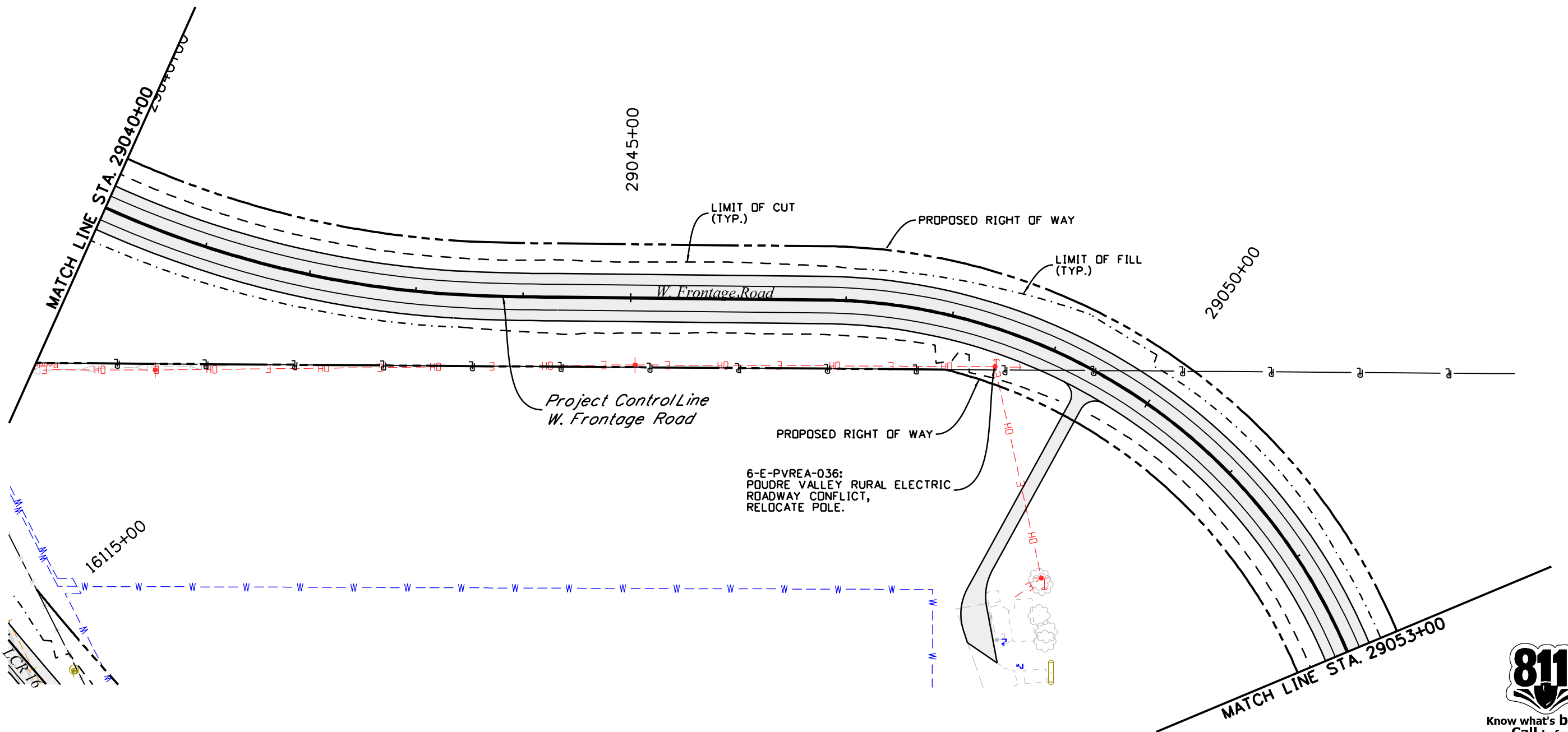
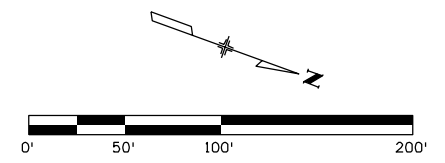
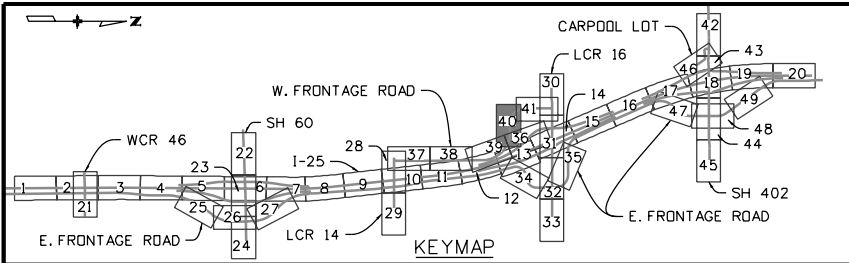
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 W. FRONTAGE RD. UTILITY PLAN STA. 29026+00 TO STA. 29040+00			
Designer:	RKZ	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	UTILITY	Subset Sheets:	39 of 49

Project No./Code	IM 0253-220
	18319
Sheet Number	291



Leah 3:34:49 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_WFR_UtilityPlan04.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Med.tbl



Know what's below
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Print Date: 12/12/2016
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 Horiz. Scale: 1:100 Vert. Scale: As Noted
 Unit Information Unit Leader Initials
MULLER
 ENGINEERING COMPANY

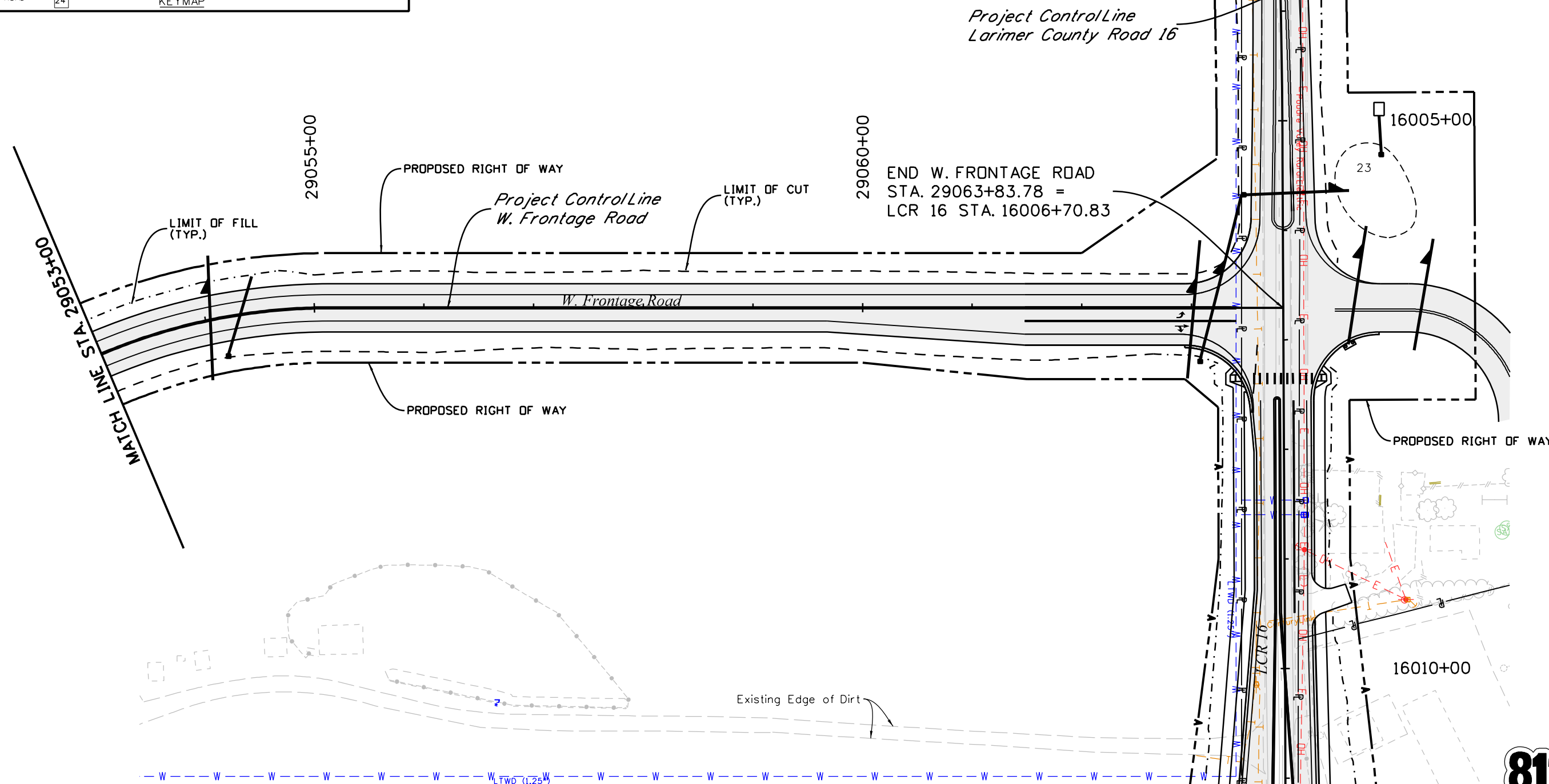
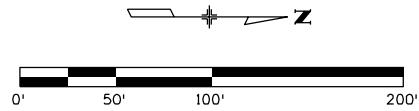
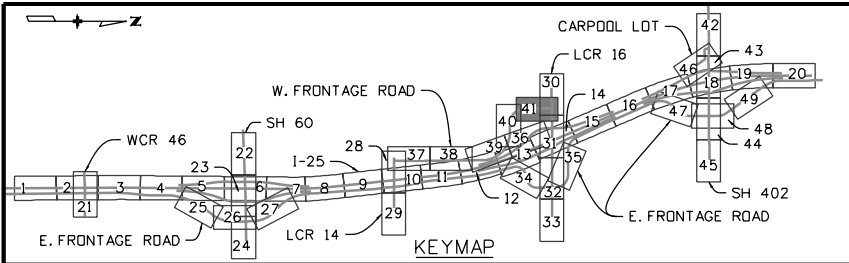
Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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 10601 W. 10th Street
 Greeley, CO 80634
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 Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 W. FRONTAGE RD. UTILITY PLAN STA. 29040+00 TO STA. 29053+00	
Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 40 of 49

Project No./Code
IM 0253-220
18319
Sheet Number 292



Leah 3:34:55 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_WFR_UtilityPlan05.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Med.tbl



Know what's below
Call before you dig.

Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_WFR_UtilityPlan05.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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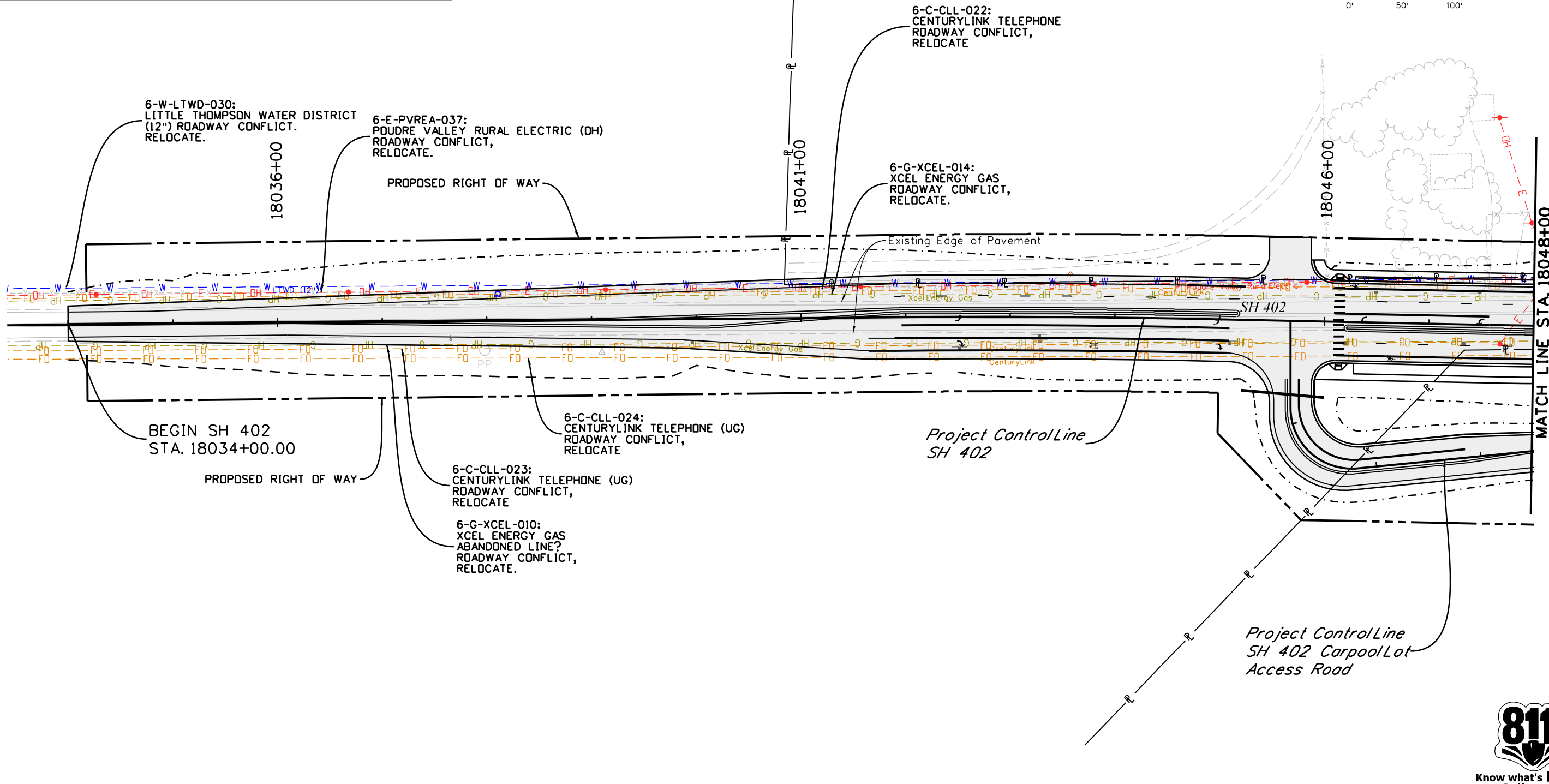
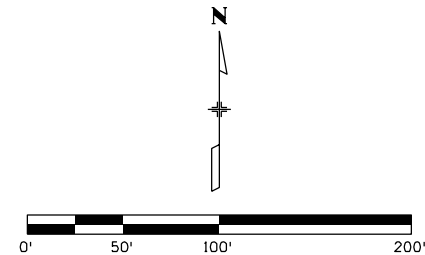
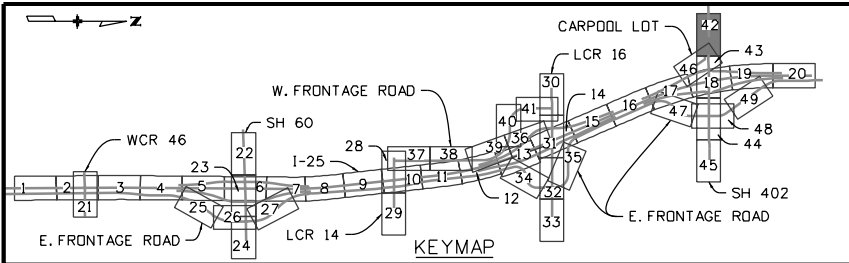
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/D SH 56 TO N/D SH 402 W. FRONTAGE RD. UTILITY PLAN STA. 29053+00 TO STA. 29063+83.73	
Designer: RKZ	Structure Numbers
Detailer: LMR	Subset Sheets: 41 of 49
Sheet Subset: UTILITY	

Project No./Code	IM 0253-220
Sheet Number	293



6-W-LTWD-030:
LITTLE THOMPSON WATER DISTRICT
(12") ROADWAY CONFLICT,
RELOCATE.

6-E-PVREA-037:
POUDRE VALLEY RURAL ELECTRIC (DH)
ROADWAY CONFLICT,
RELOCATE.

6-C-CLL-022:
CENTURYLINK TELEPHONE
ROADWAY CONFLICT,
RELOCATE

6-G-XCEL-014:
XCEL ENERGY GAS
ROADWAY CONFLICT,
RELOCATE.

BEGIN SH 402
STA. 18034+00.00

6-C-CLL-024:
CENTURYLINK TELEPHONE (UG)
ROADWAY CONFLICT,
RELOCATE

6-C-CLL-023:
CENTURYLINK TELEPHONE (UG)
ROADWAY CONFLICT,
RELOCATE

6-G-XCEL-010:
XCEL ENERGY GAS
ABANDONED LINE?
ROADWAY CONFLICT,
RELOCATE.

*Project Control Line
SH 402 Carpool Lot
Access Road*

MATCH LINE STA. 18048+00



Know what's below
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Leah 3:35:03 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_SH402_UtilityPlan01.dgn 12/12/2016 CDDT-DefaultPrinter_V8i.plc1g CDDT V8I CLR-UTIL Med.tbl

Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_SH402_UtilityPlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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10601 W. 10th Street
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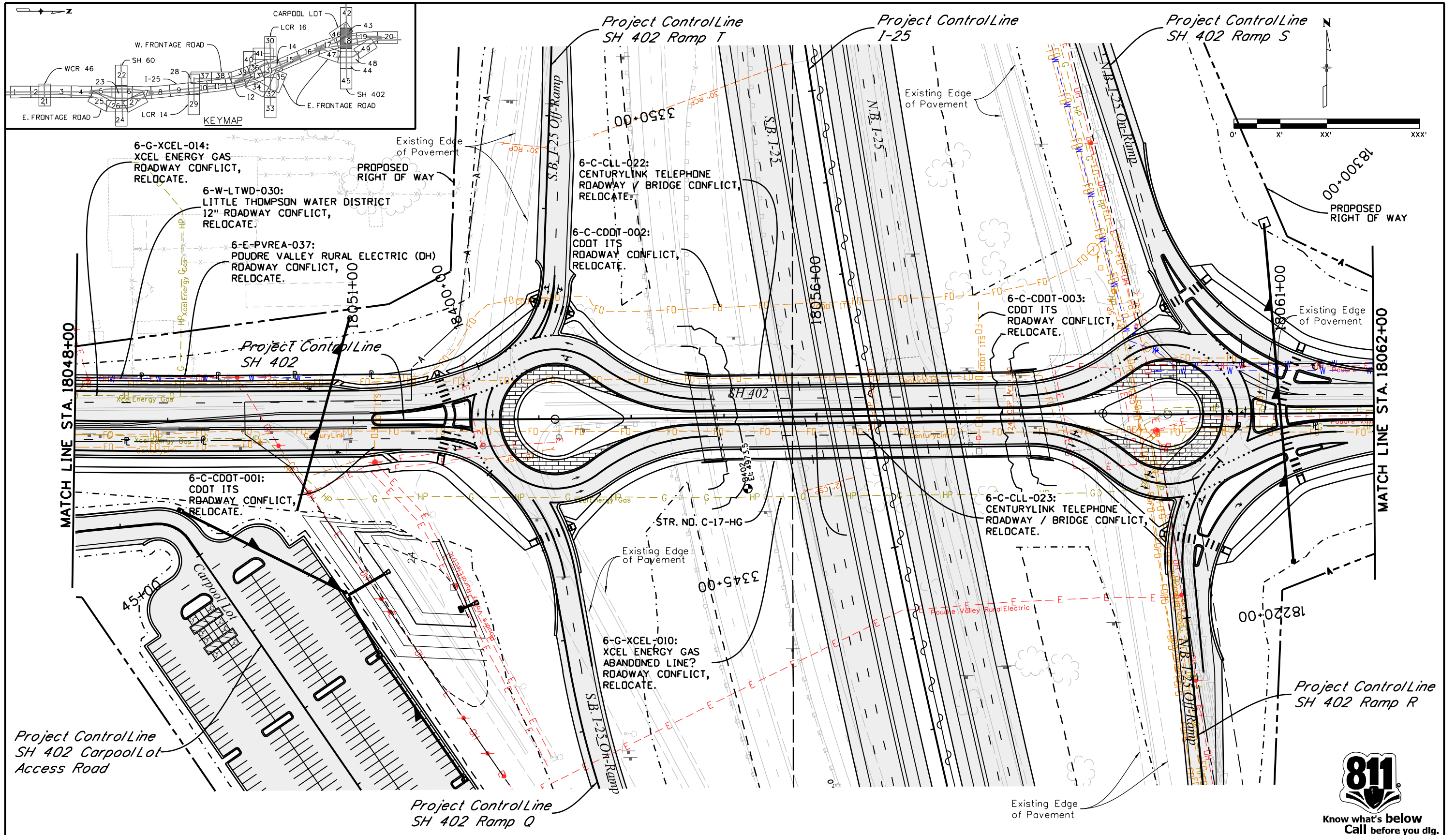
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer: BS	Structure Numbers
Detailer: LMR	Sheet Subset: UTILITY
Subset Sheets: 42 of 49	

Project No./Code	IM 0253-220
Sheet Number	294

Leah 3:35:08 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_SH402_UtilityPlan02.dgn
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Print Date: 12/12/2016
 Drawing File Name: 18319UTIL_Seg6_SH402_UtilityPlan02.dgn
 Horiz. Scale: 1:100 Vert. Scale: As Noted
 Unit Information Unit Leader Initials
MULLER
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Sheet Revisions	
Date:	Comments
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 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed
 No Revisions:
 Revised:
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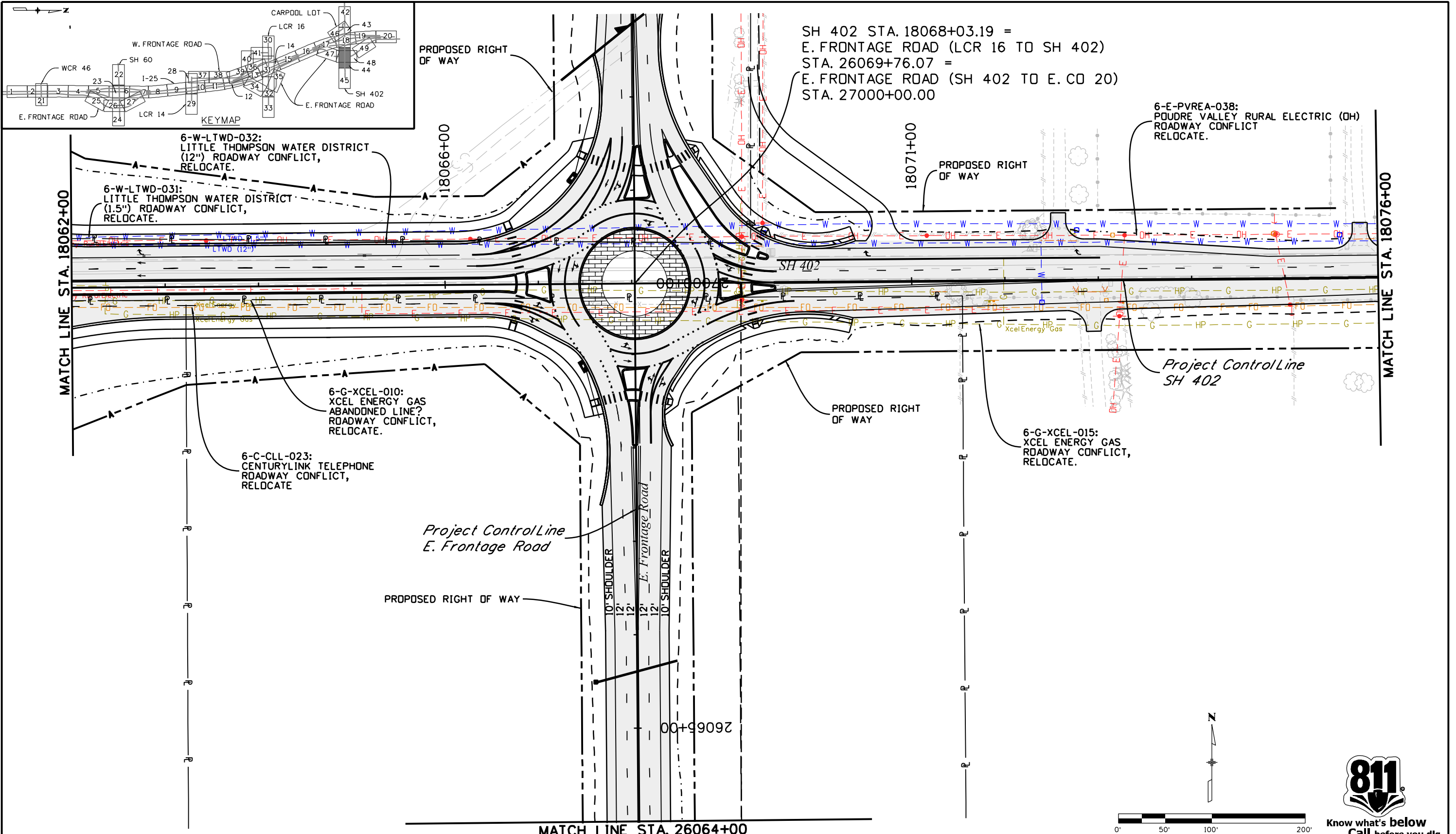
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SH 402 UTILITY PLAN
 STA. 18048+00 TO STA. 18062+00
 Designer: BS
 Detailer: LMR
 Sheet Subset: UTILITY
 Structure Numbers
 Subset Sheets: 43 of 49

Project No./Code
 IM 0253-220
 18319
 Sheet Number 295



Know what's below
 Call before you dig.

Leah 3:35:19 PM P:\12-003\01\1-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate Utilities Drawings\1-25 Segment 6\18319UTIL_Seg6_SH402_UtilityPlan03.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt cfig CDDT V81 CLR-UTIL Med.tbl



SH 402 STA. 18068+03.19 =
 E. FRONTAGE ROAD (LCR 16 TO SH 402)
 STA. 26069+76.07 =
 E. FRONTAGE ROAD (SH 402 TO E. CD 20)
 STA. 27000+00.00

6-E-PVREA-038:
 POUDE VALLEY RURAL ELECTRIC (OH)
 ROADWAY CONFLICT
 RELOCATE.

6-W-LTWD-032:
 LITTLE THOMPSON WATER DISTRICT
 (12") ROADWAY CONFLICT,
 RELOCATE.

6-W-LTWD-031:
 LITTLE THOMPSON WATER DISTRICT
 (1.5") ROADWAY CONFLICT,
 RELOCATE.

6-G-XCEL-010:
 XCEL ENERGY GAS
 ABANDONED LINE?
 ROADWAY CONFLICT,
 RELOCATE.

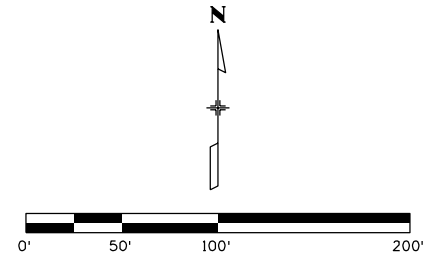
6-C-CLL-023:
 CENTURYLINK TELEPHONE
 ROADWAY CONFLICT,
 RELOCATE

6-G-XCEL-015:
 XCEL ENERGY GAS
 ROADWAY CONFLICT,
 RELOCATE.

Project Control Line
E. Frontage Road

Project Control Line
SH 402

MATCH LINE STA. 26064+00



Know what's below
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_SH402_UtilityPlan03.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments
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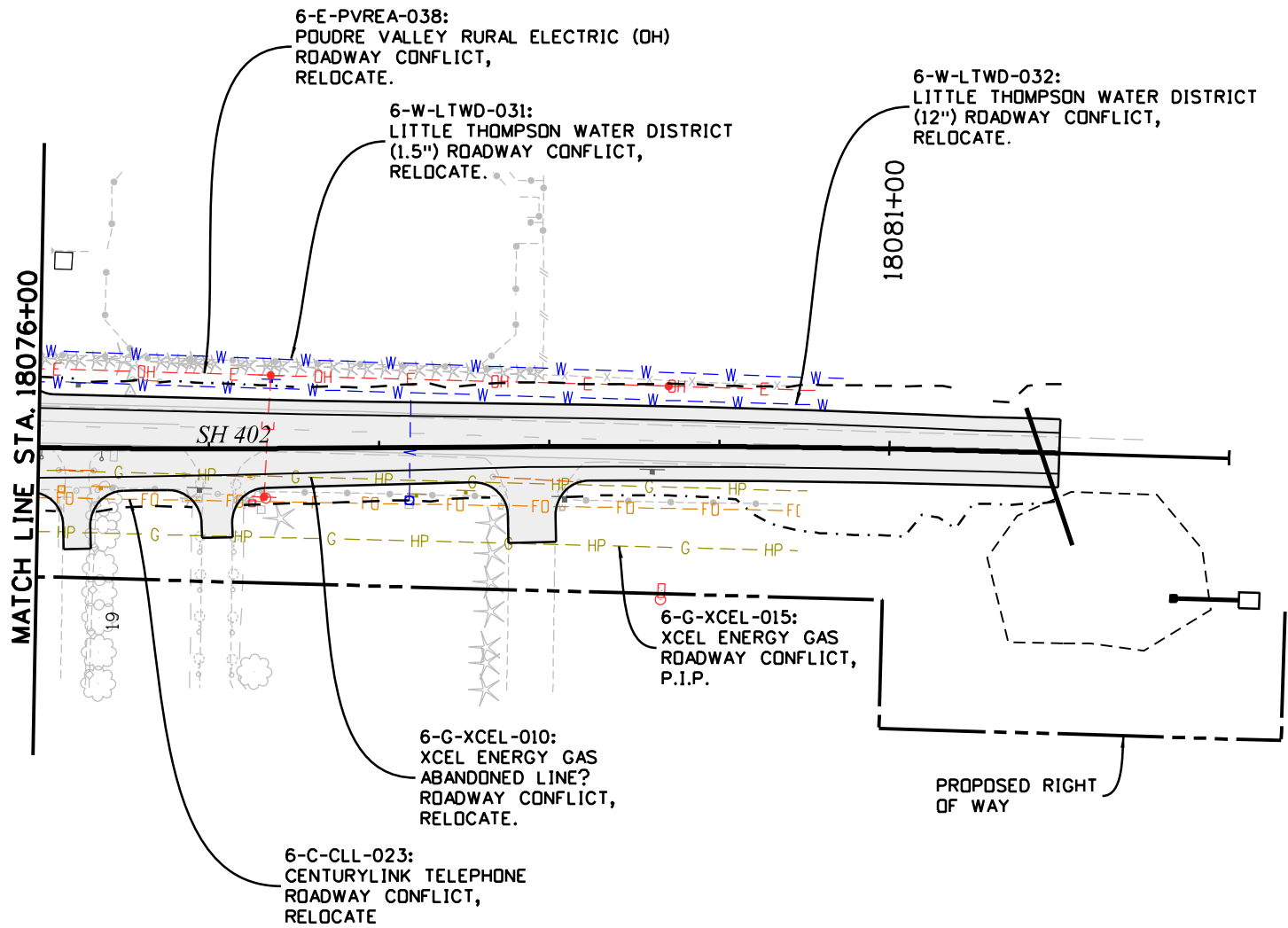
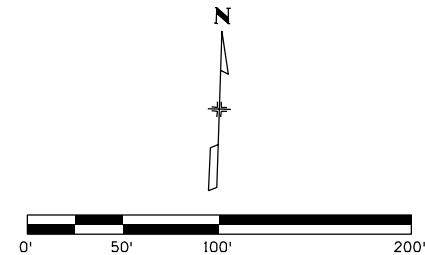
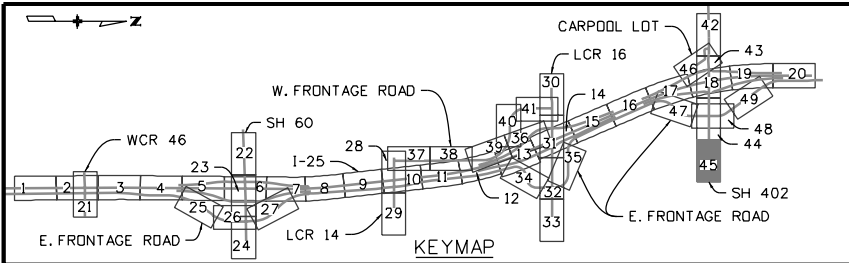
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 SH 402 UTILITY PLAN STA. 18062+00 TO STA. 18076+00	
Designer: BS	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 44 of 49

Project No./Code	IM 0253-220
Sheet Number	296



Leah 3:35:27 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_SH402_UtilityPlan04.dgn
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_SH402_UtilityPlan04.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation

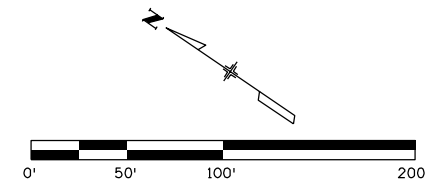
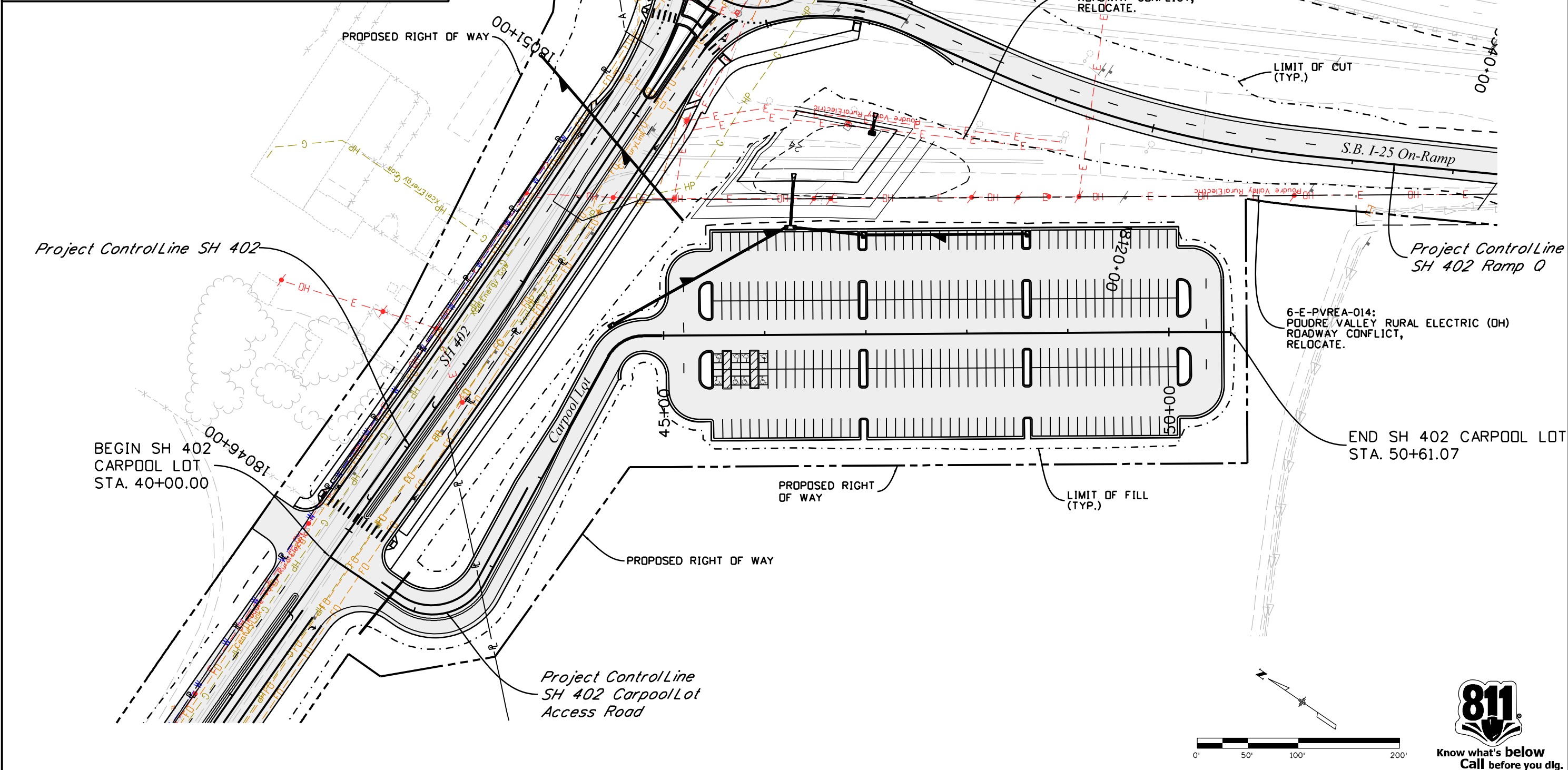
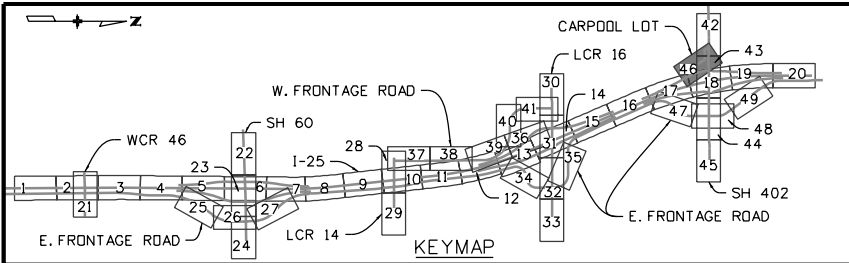
10601 W. 10th Street
Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 SH 402 UTILITY PLAN STA. 18076+00 TO STA. 1084+74.75	
Designer: BS	Structure Numbers
Detailer: LMR	Sheet Subset: UTILITY
Subset Sheets: 45 of 49	

Project No./Code	IM 0253-220
Sheet Number	297



Leah 3:35:35 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_SH402_Carpool_UtilityPlan01.dgn
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_SH402_Carpool_UtilityPlan01.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

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Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

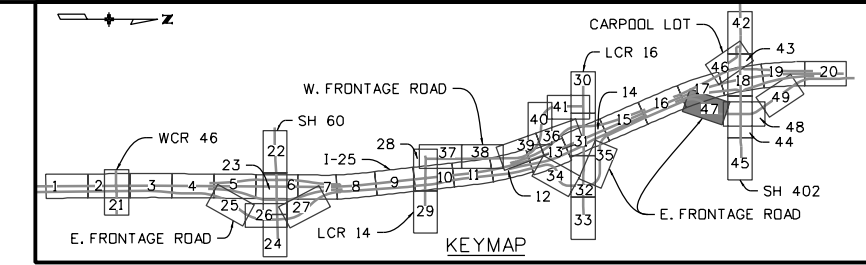
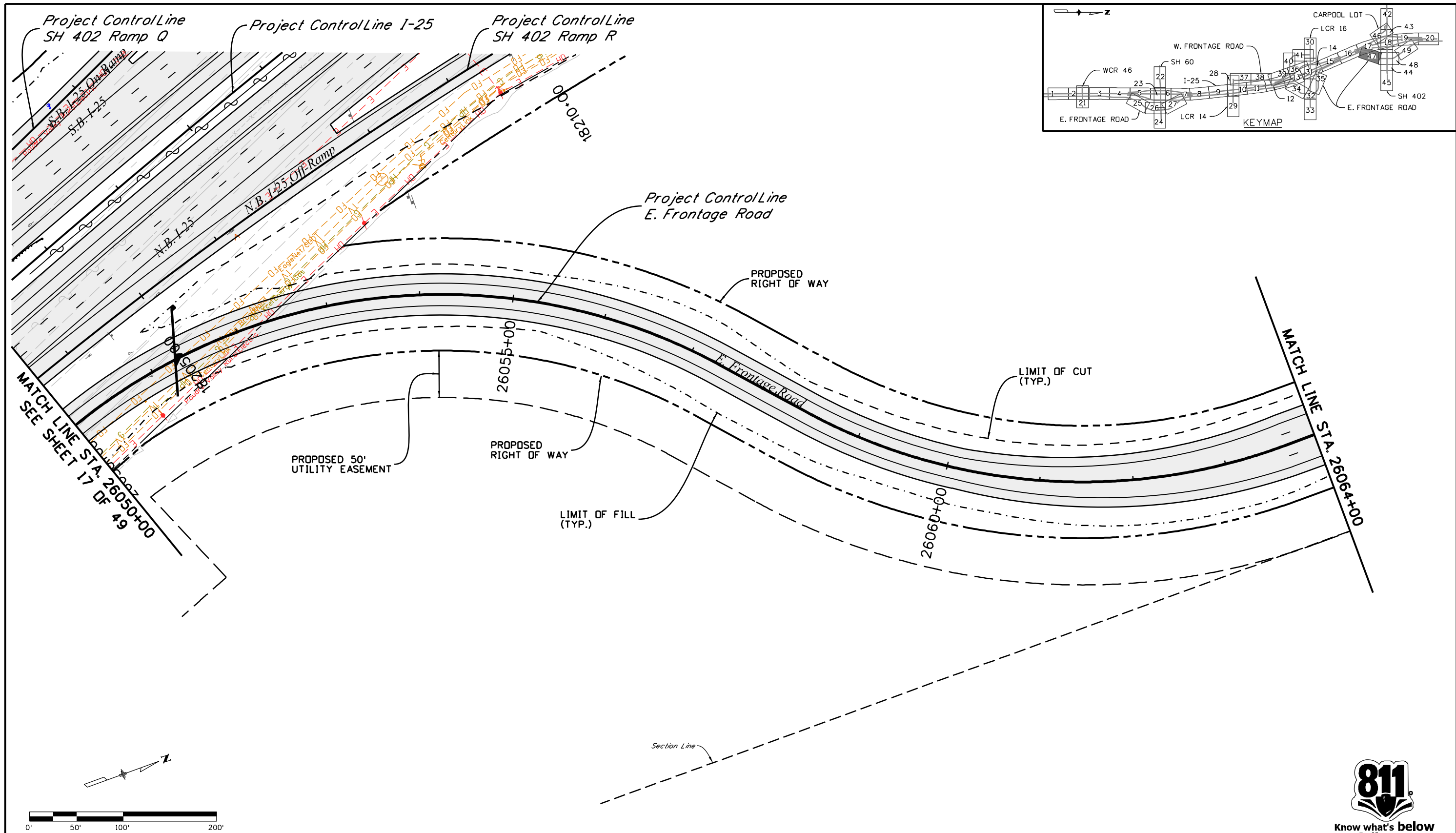
Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer: BS	Structure Numbers
Detailer: LMR	Sheet Subset: UTILITY
Subset Sheets: 46 of 49	

Project No./Code	IM 0253-220
Sheet Number	298

Leah 3:35:43 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_EFR_UtilityPlan06.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Med.tbl



Know what's below
Call before you dig.

Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_EFR_UtilityPlan06.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	EES ENGINEERING

Sheet Revisions	
Date:	Comments
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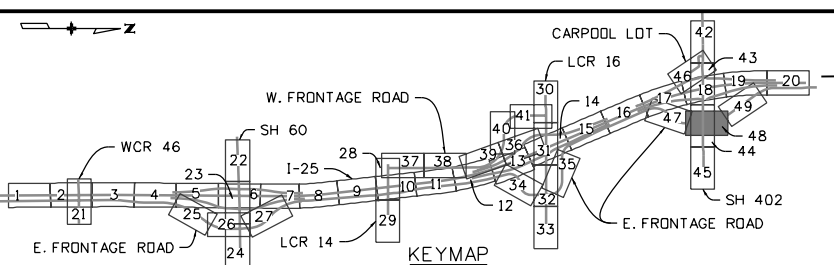
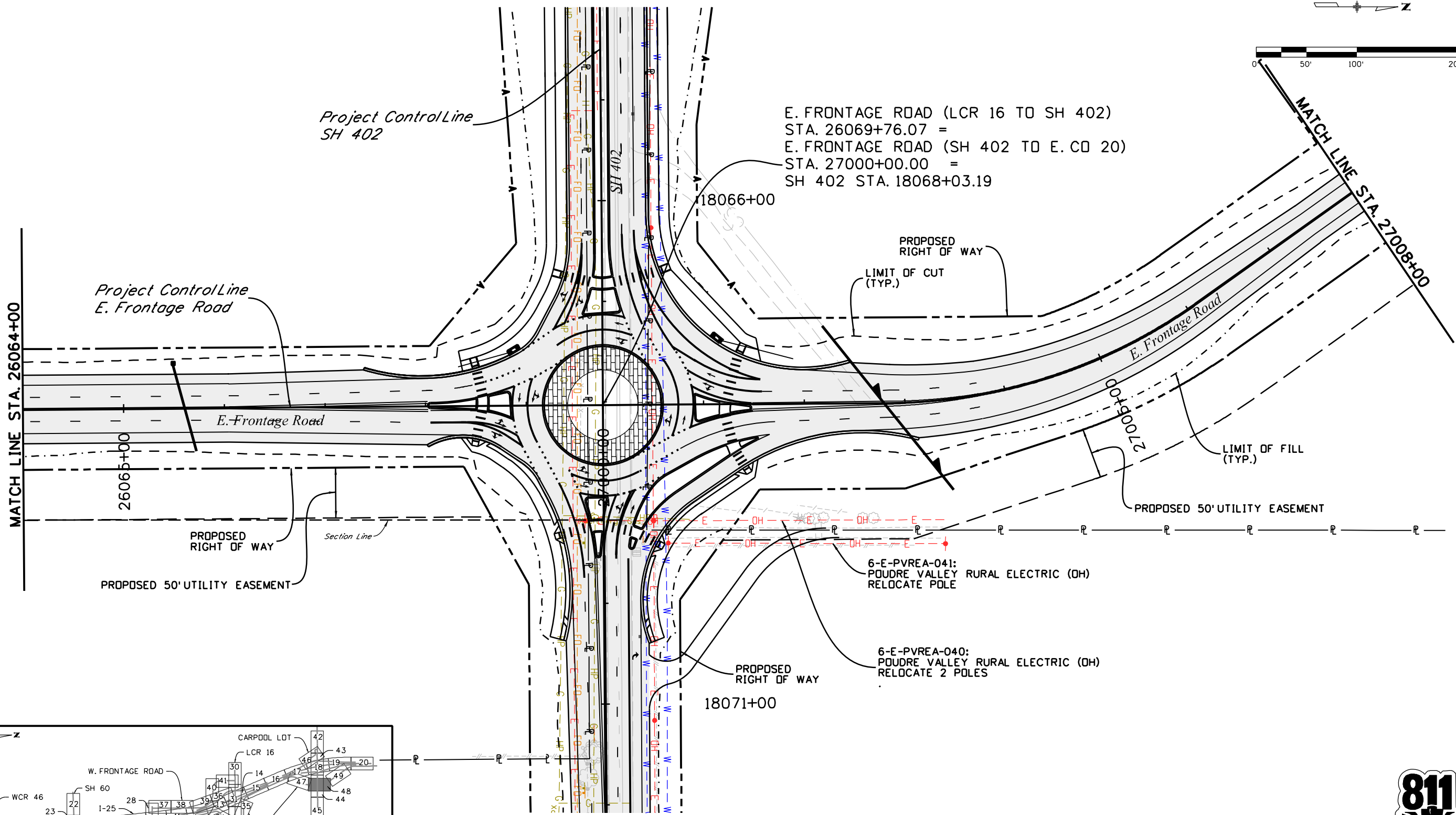
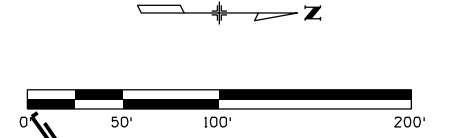
 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

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Designer:	BS	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	UTILITY	Subset Sheets:	47 of 49

Project No./Code	IM 0253-220
Sheet Number	299

Leah 3:35:49 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_EFR_UTILITYPlan07.dgn
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Print Date: 12/12/2016	
Drawing File Name: 18319UTIL_Seg6_EFR_UTILITYPlan07.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

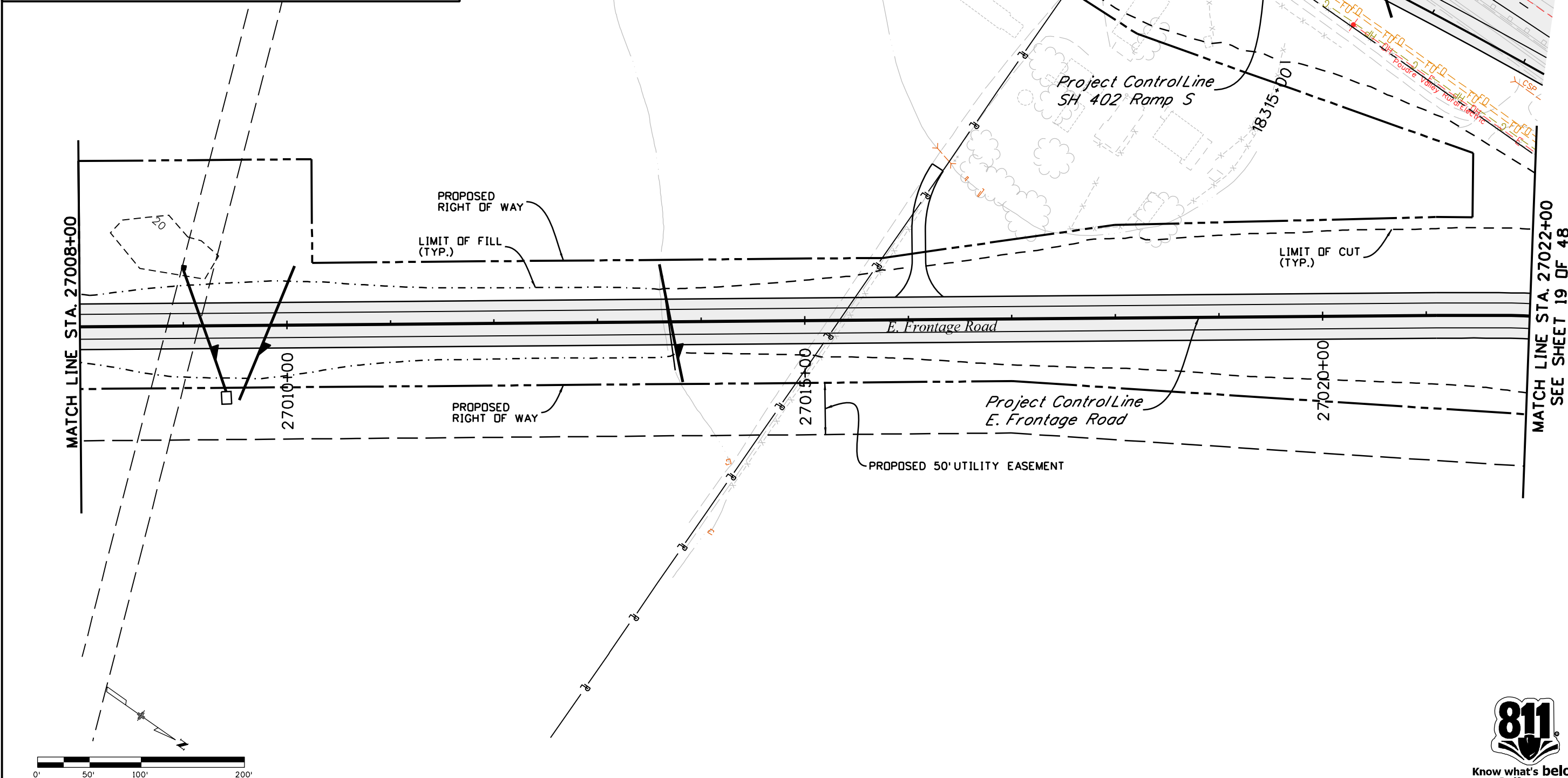
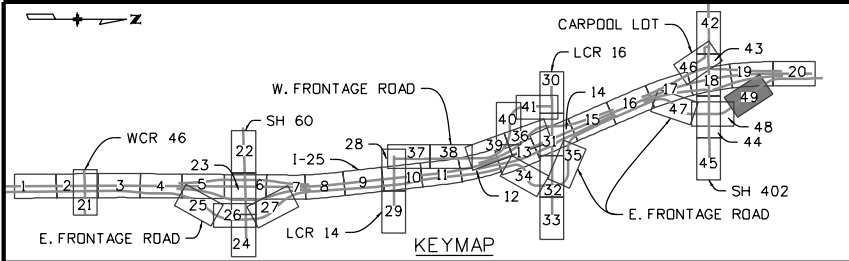
Colorado Department of Transportation

 Region 4
 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 CJB

As Constructed	No Revisions:
Revised:	
Void:	

I-25 FROM N/O SH 56 TO N/O SH 402	
E. FRONTAGE RD. ROADWAY PLAN	
STA. 26064+00 TO STA. 27008+00	
Designer: BS	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 48 of 49

Project No./Code	IM 0253-220
18319	
Sheet Number	300



MATCH LINE STA. 27022+00
SEE SHEET 19 OF 48

Leah 3:35:57 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Utilities\Drawings\I-25 Segment 6\18319UTIL_Seg6_EFR_UTILITYPlan08.dgn
12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V8I CLR-UTIL Med.tbl



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Print Date: 12/12/2016	
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Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

Colorado Department of Transportation

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Greeley, CO 80634
Phone: 970-350-2322 FAX: 970-350-2181

Region 4 CJB

As Constructed	No Revisions:
Revised:	Void:

I-25 FROM N/O SH 56 TO N/O SH 402 E. FRONTAGE RD. UTILITY PLAN STA. 27008+00 TO STA. 27022+00	
Designer: RKZ	Structure Numbers
Detailer: LMR	
Sheet Subset: UTILITY	Subset Sheets: 49 of 49

Project No./Code	IM 0253-220
Sheet Number	301

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. Temporary excavation support shall be paid for by Item 206 Shoring.

Expansion joint material shall meet AASHTO Specification M213.

All exposed concrete surfaces shall receive a Class 1 finish to 1 foot below groundline.

Grade 60 reinforcing steel is required.

All reinforcing steel shall be epoxy coated unless otherwise noted.

Ⓝ denotes non coated reinforcing steel.

Leveling Pads are unlaminated bearings. They shall be cut or molded from AASHTO Elastomer Grade 3, 4 or 5 as described in Tables 705-1 and 705-2 with a Durometer (Shore "A") Hardness of 60.

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 or less than 3" of lateral cover.

Bar size	#4	#5	#6	#7	#8	#9	#10	#11
Splice length for Class D concrete	1'-3"	1'-7"	2'-5"	2'-10"	3'-8"	4'-8"	5'-11"	7'-3"

When the Contractor elects to substitute epoxy coated reinforcement for Black reinforcing bars, the minimum lap splice shall be as described above.

The following table give 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
Splice length for Class D concrete	1'-1"	1'-4"	1'-7"	1'-11"	2'-6"	3'-2"	4'-0"	4'-11"

The above splice lengths shall be increased by 20 percent for 3 bar bundles and 33 percent for 4 bar bundles.

The Contractor shall be responsible for the stability of the structure during construction.

E.F. = Each Face PGL = Profile Grade Line O.F. = Outside Face
 F.F. = Far Face HCL = Horizontal Control Line EOD = Edge of Deck
 N.F. = Near Face WB = Westbound BOF = Bottom of Footing
 B.F. = Back Face EB = Eastbound

Steel diaphragms shall be fabricated with AASHTO M-270 Grade 36 (ASTM A36) Steel.

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.

All concrete in contact with soil shall meet Class XX Sulfate Exposure Requirements.

GENERAL NOTES (CONT.):

The information shown on these plans concerning the type and location of underground utilities is not guaranteed to be accurate or 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.

The location of all construction joints shall be approved by the Engineer.

Permanent Deck Forms are optional.

For structure number installation, see Standard S-614-12.

All the provisions for bridge deck concrete shall also apply to approach slab concrete.

DESIGN DATA

AASHTO, Sixth Edition LRFD with current interims

Design Method: Load and Resistance Factor Design

Live Load: HL-93 (design truck or tandem, and design lane load)

Dead Load: Assumes 36 lbs. per sq. ft. for bridge deck overlay
 Assumes 5 lbs. per sq. ft. for permanent steel deck forms

Reinforced Concrete:
 Class D Concrete: f'c = 4,500 psi
 Reinforcing Steel: fy = 60,000 psi

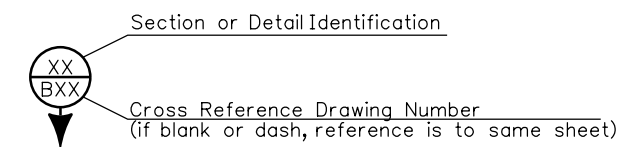
Prestressed concrete:
 Class PS concrete f'c = (see details)
 Prestressing Steel f's = 270,000 psi

INDEX OF DRAWINGS

- GENERAL INFORMATION
- I-25 OVER WCR 46 GENERAL LAYOUT
- I-25 OVER WCR 46 TYPICAL SECTION
- I-25 OVER GWRR GENERAL LAYOUT
- I-25 OVER GWRR TYPICAL SECTION
- SH60 EAST BRIDGE OVER I-25 GENERAL LAYOUT: PLAN & ELEVATION
- SH60 EAST BRIDGE OVER I-25 GENERAL LAYOUT: TYPICAL SECTION
- SH60 EAST BRIDGE OVER I-25 CONSTRUCTION CONCEPT
- SH60 EAST BRIDGE OVER I-25 CONSTRUCTION CONCEPT SECTIONS
- I-25 OVER LCR 14 (SH60 WEST) GENERAL LAYOUT
- I-25 OVER LCR 14 (SH60 WEST) TYPICAL SECTION
- LCR 16 OVER I-25 GENERAL LAYOUT
- LCR 16 OVER I-25 TYPICAL SECTION
- I-25 OVER HILLSBORO TRIBUTARY GENERAL LAYOUT
- I-25 OVER HILLSBORO TRIBUTARY TYPICAL SECTION
- EFR OVER HILLSBORO TRIBUTARY GENERAL LAYOUT
- EFR OVER HILLSBORO TRIBUTARY TYPICAL SECTION
- SH 402 OVER I-25 GENERAL LAYOUT
- SH 402 OVER I-25 TYPICAL SECTION



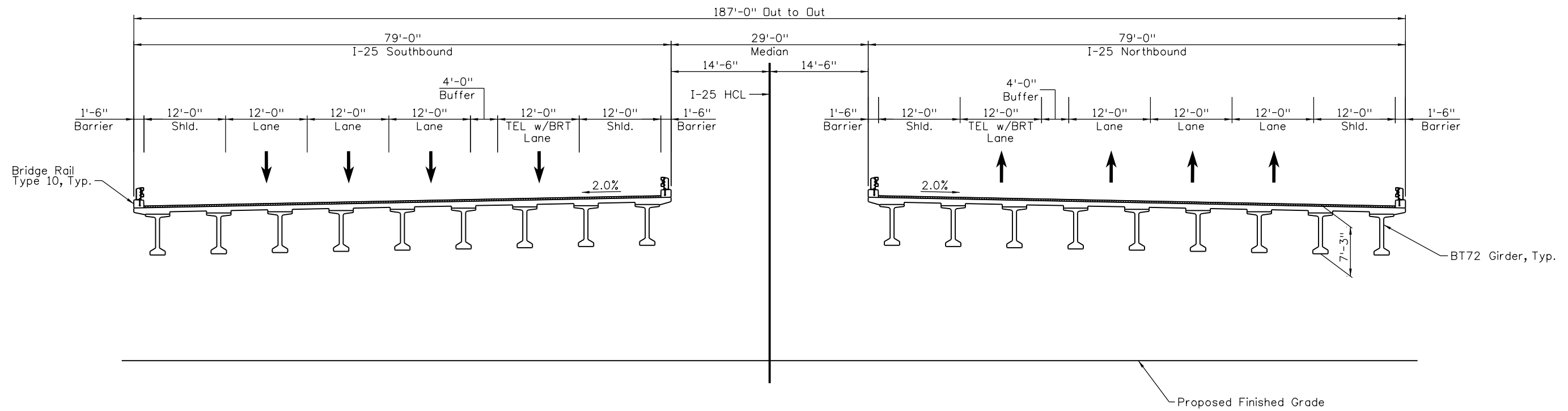
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		Detailed By		Quantities By	
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Unit Information: 4310 Unit Leader Initials: JFF				Void:	Detailer: A. Price	Sheet Subsets	Sheet Number 302
					Sheet Subset: BRIDGE	Subset Sheets:	



TYPICAL SECTION

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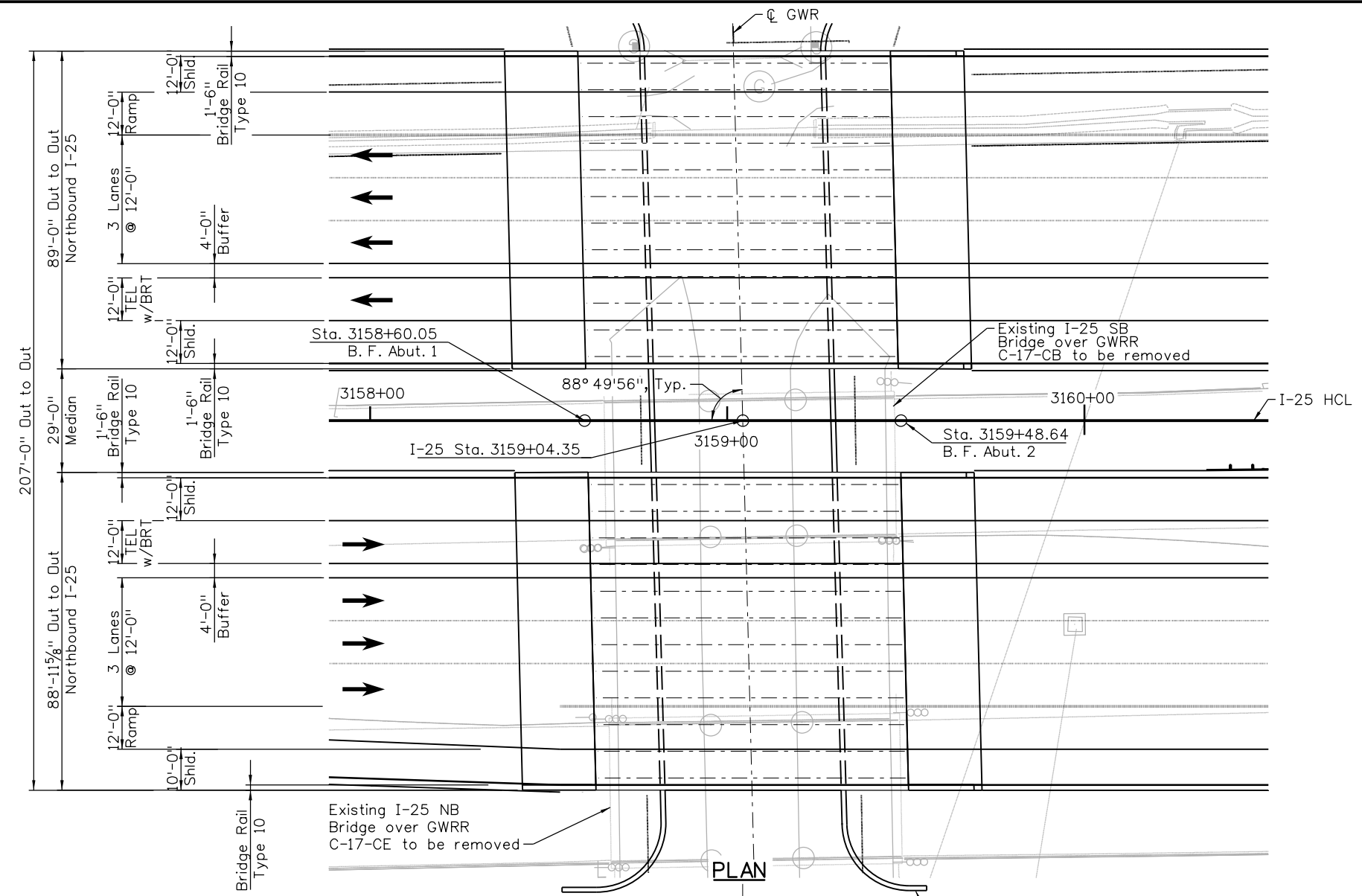
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 Greeley, CO 80634
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 Region 4 CJB

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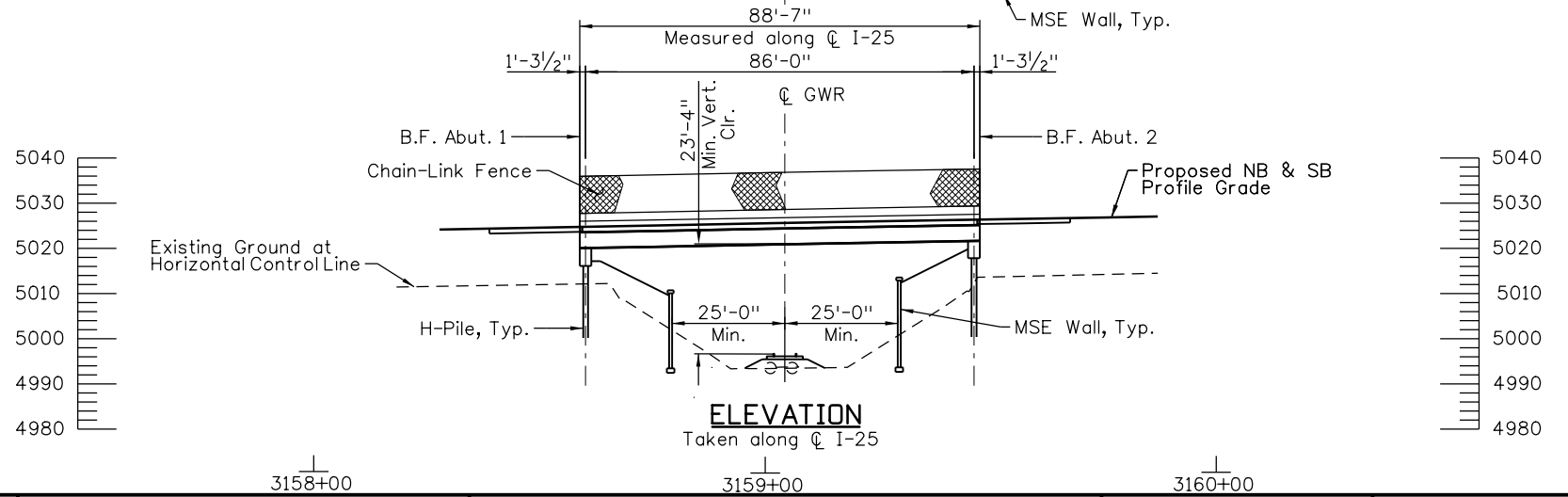
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 I-25 OVER WCR 46
 TYPICAL SECTION

Designer: J. Mehle	Structure Numbers: C-17-FN
Detailer: M. Conley	Structure Numbers: C-17-FU
Sheet Subset: BRIDGE	Subset Sheets:

Project No./Code
IM 0253-220
18319
Sheet Number 304



PLAN



ELEVATION

Taken along ϕ I-25

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Checked By	Checked By	Checked By	Checked By	Checked By	Checked By
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MULLER ENGINEERING COMPANY **JACOBS**

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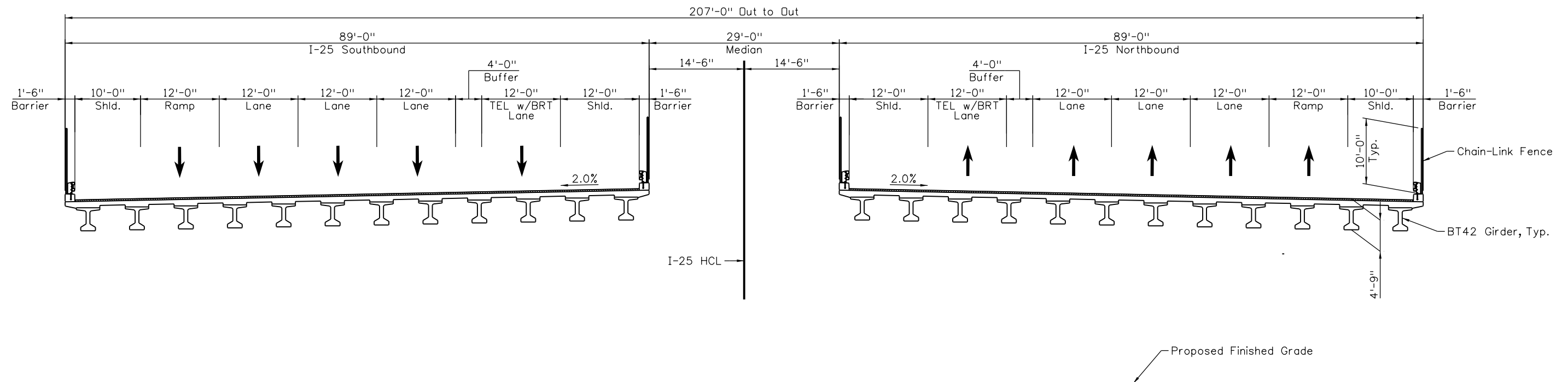
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Region 4 **CJB**

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402			
I-25 OVER GWR GENERAL LAYOUT			
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Detailer:	M. Conley	Structure Numbers	C-17-FW
Sheet Subset:	BRIDGE	Subset Sheets:	

Project No./Code	
IM 0253-220	
18319	
Sheet Number	305



TYPICAL SECTION

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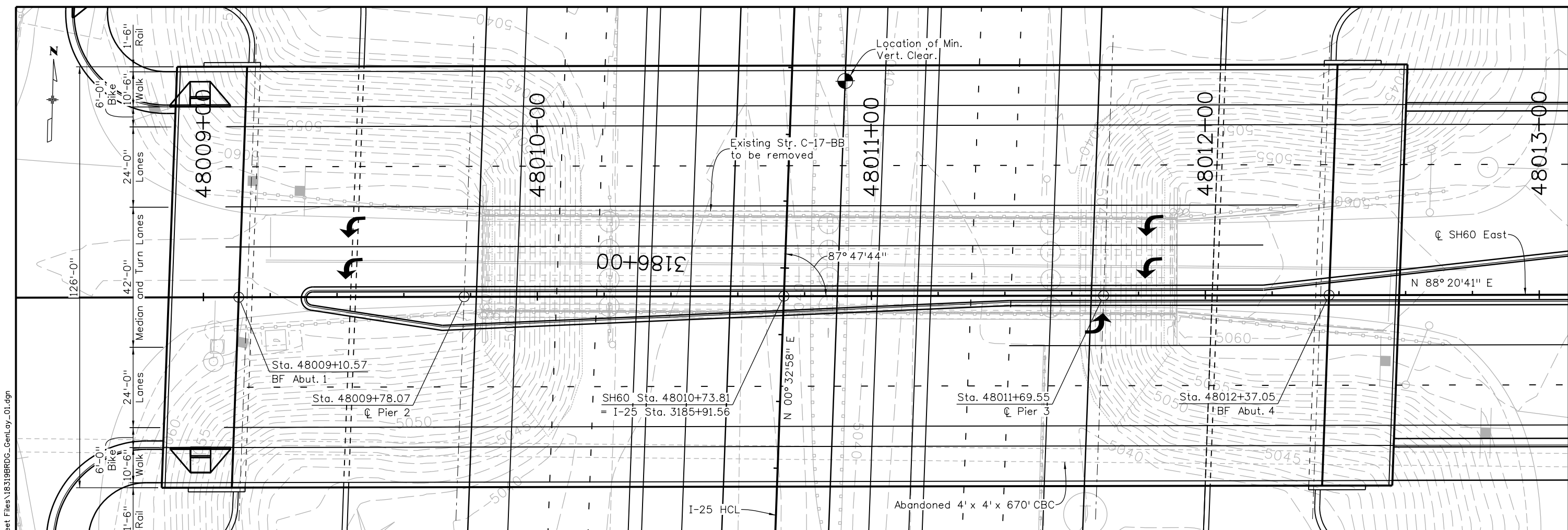
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I-25 FROM N/O SH 56 TO N/O SH 402
I-25 OVER GWR
TYPICAL SECTION

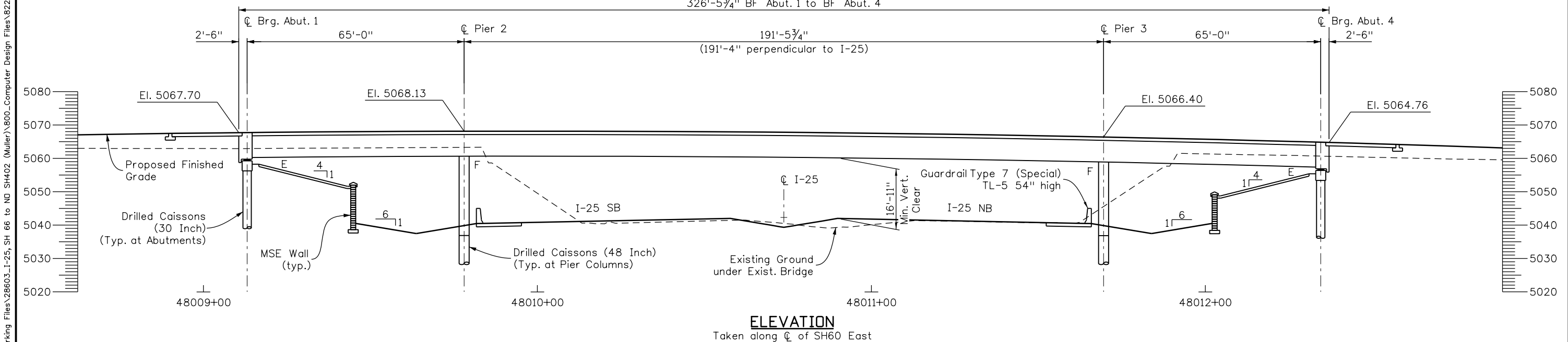
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 Detailer: M. Conley Structure Numbers: C-17-FW
 Sheet Subset: BRIDGE Subset Sheets:

Project No./Code
IM 0253-220
18319
Sheet Number 306



PLAN

326'-5 3/4" BF Abut. 1 to BF Abut. 4
(191'-4" perpendicular to I-25)



ELEVATION

Taken along ϕ of SH60 East

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
Designed By	7/16	DAK	7/16	Quantities By	7/16
Checked By	7/16	MRM	7/16	Checked By	7/16

Print Date: 12/13/2016
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 Horiz. Scale: 1:30 Vert. Scale: 1:30
 Prime Consultant: **MULLER** ENGINEERING COMPANY
 Sub-Consultant: **RockSol** Consulting Group, Inc.

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

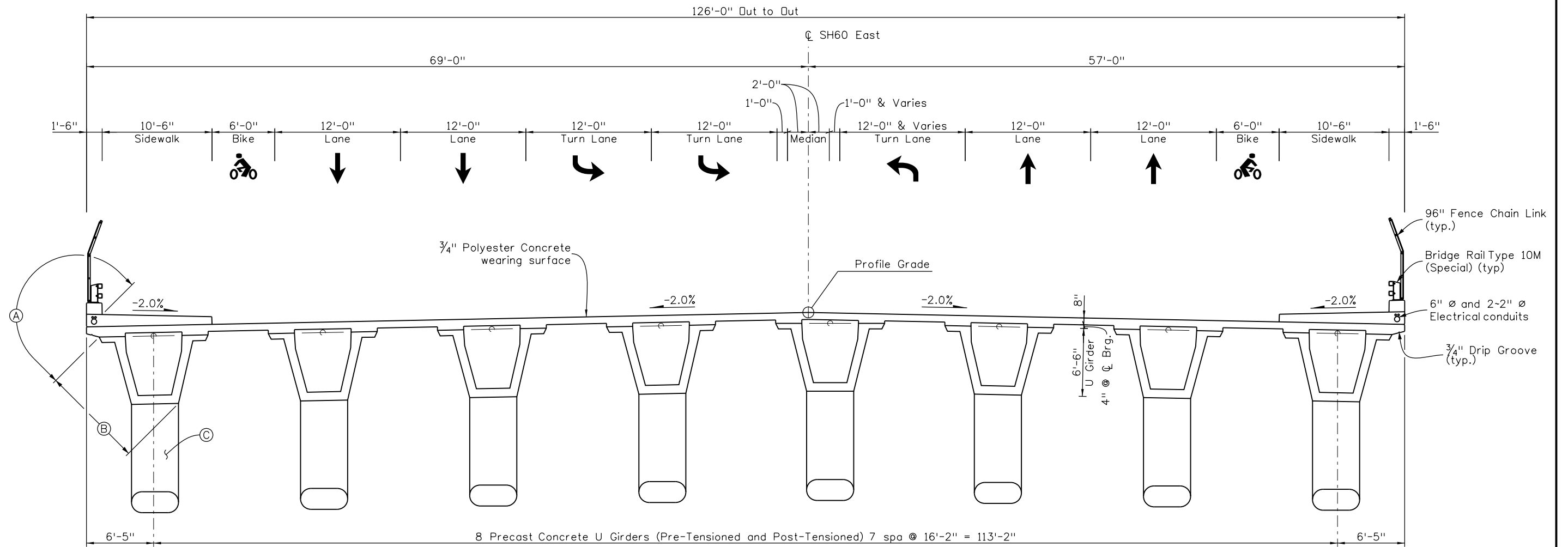
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 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed
 No Revisions:
 Revised:
 Void:

I-25 FROM N/D SH 56 TO N/D SH 402
 SH60 EAST BRIDGE OVER I-25
 GENERAL LAYOUT: PLAN & ELEVATION
 Designer: M. Merklinger
 Detailer: D. Knight
 Sheet Subset: Structure Numbers: C-17-FX
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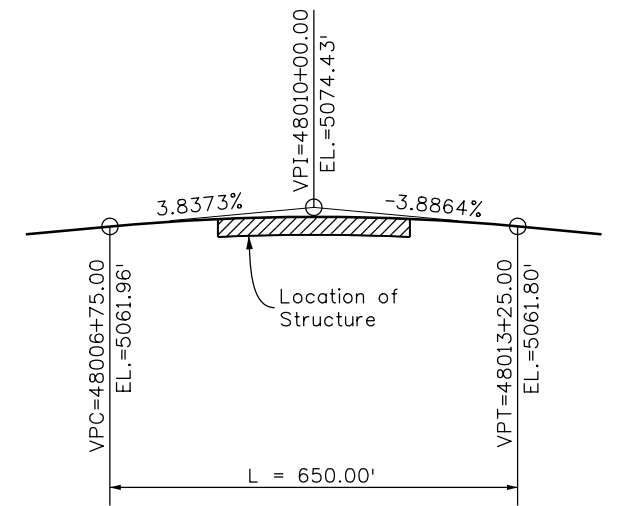
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 18319
 Sheet Number 307

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TYPICAL SECTION

- (A) = Limits of Structural Concrete Stain federalcolor 22648 on cast-in-place portions of Superstructure
- (B) = Limits of Structural Concrete Stain federalcolor 20252 on precast superstructure exterior girders only
- (C) = Limits of Structural Concrete Stain federalcolor 22648 on Piers



PROFILE GRADE

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
MRM	7/16	MRM	7/16	MRM	7/16
Designed By	Detailed By	Checked By	Checked By	Quantities By	Checked By
MRM	7/16	MRM	7/16	MRM	7/16

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 Horiz. Scale: 1:10 Vert. Scale:

Prime Consultant Sub-Consultant
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 ENGINEERING COMPANY Consulting Group, Inc.

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

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Region 4 **CJB**

As Constructed	No Revisions:
Revised:	
Void:	

I-25 FROM N/D SH 56 TO N/D SH 402
 SH60 EAST BRIDGE OVER I-25
 GENERAL LAYOUT: TYPICAL SECTION

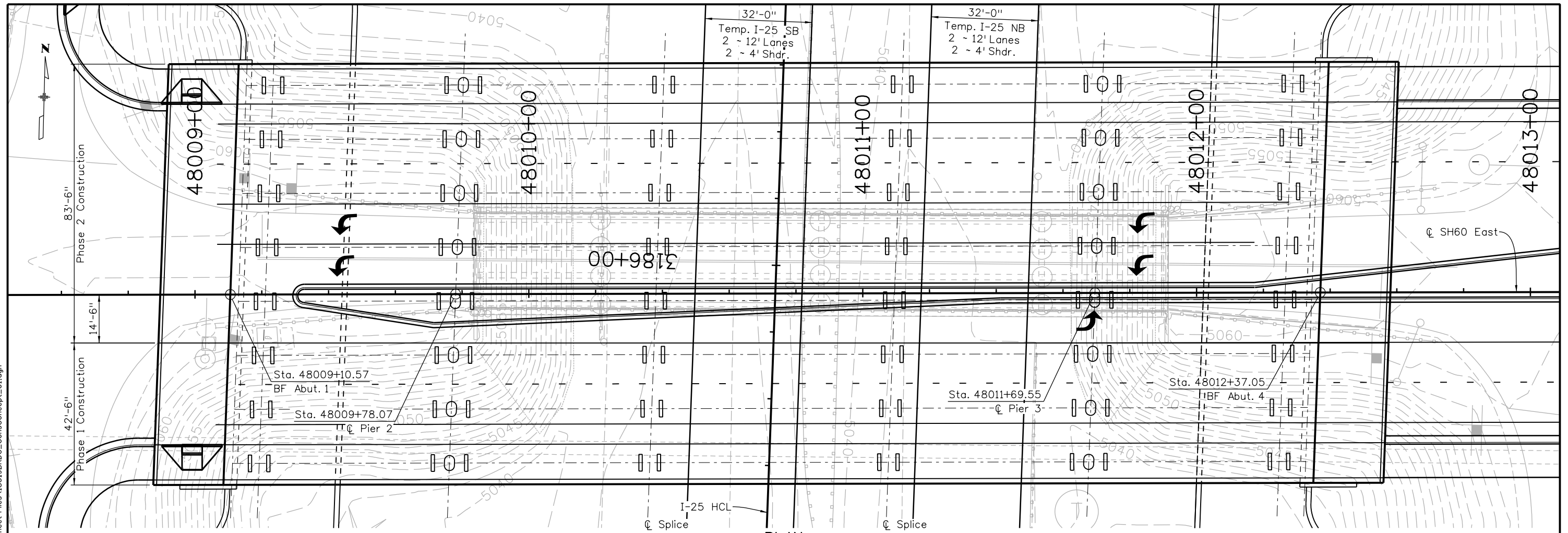
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 Detailer: D. Knight

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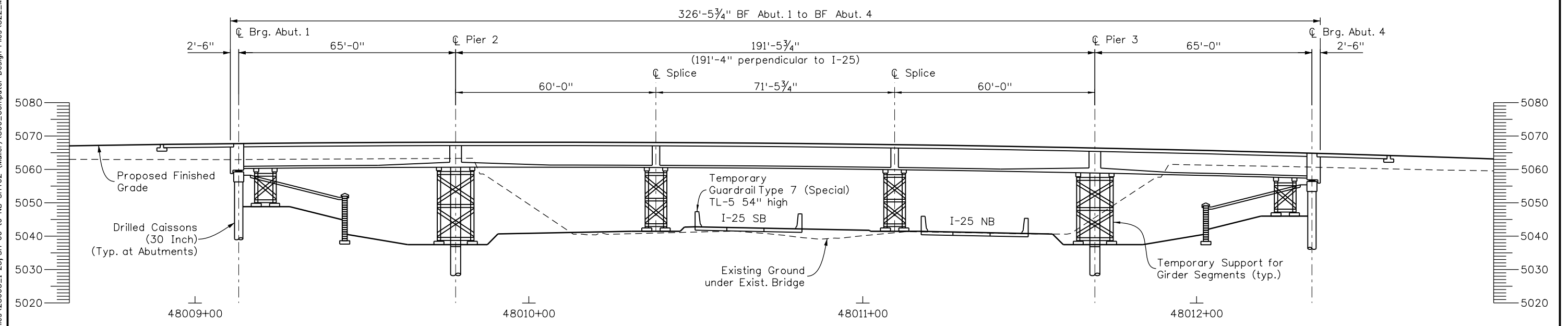
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Sheet Number	308

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Designed By	7/16	DAK	7/16	Quantities By	7/16
Checked By	7/16	MRM	7/16	Checked By	7/16



PLAN



ELEVATION

Taken along ϕ of SH60 East

Print Date: 12/13/2016
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Prime Consultant Sub-Consultant
MULLER **RockSol**
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Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

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Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/D SH 56 TO N/D SH 402
 SH60 EAST BRIDGE OVER I-25
 CONSTRUCTION CONCEPT

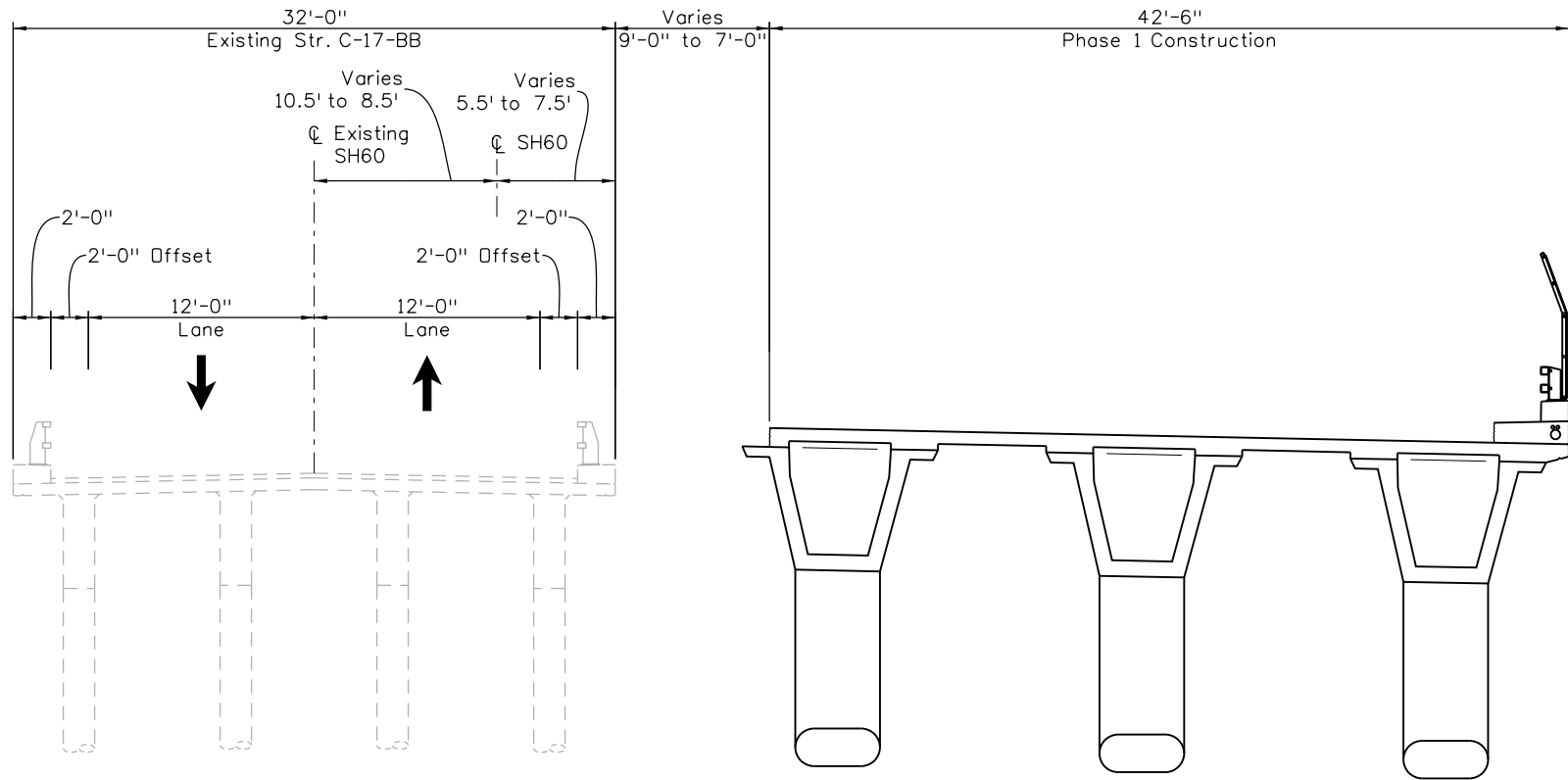
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 Detailer: D. Knight

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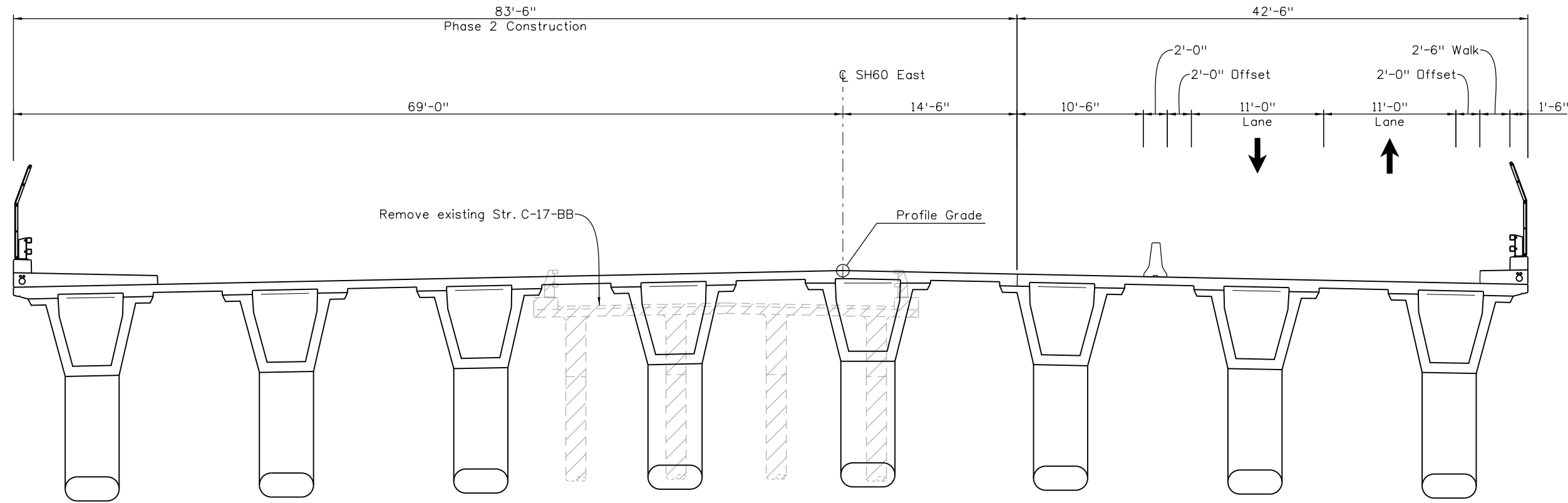
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18319
Sheet Number 309

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Designed By	Detailed By	Checked By	Checked By	Quantities By	Checked By

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PHASE 1



PHASE 2

Phase 3 (not shown) constructs the right sidewalk, with right lane Eastbound closed.

Print Date: 12/13/2016
 Drawing File Name: 18319BRDG_ConceptSec_01.dgn
 Horiz. Scale: 1:10 Vert. Scale:

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Sheet Revisions		
Date:	Comments	Init.

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Region 4 **CJB**

As Constructed
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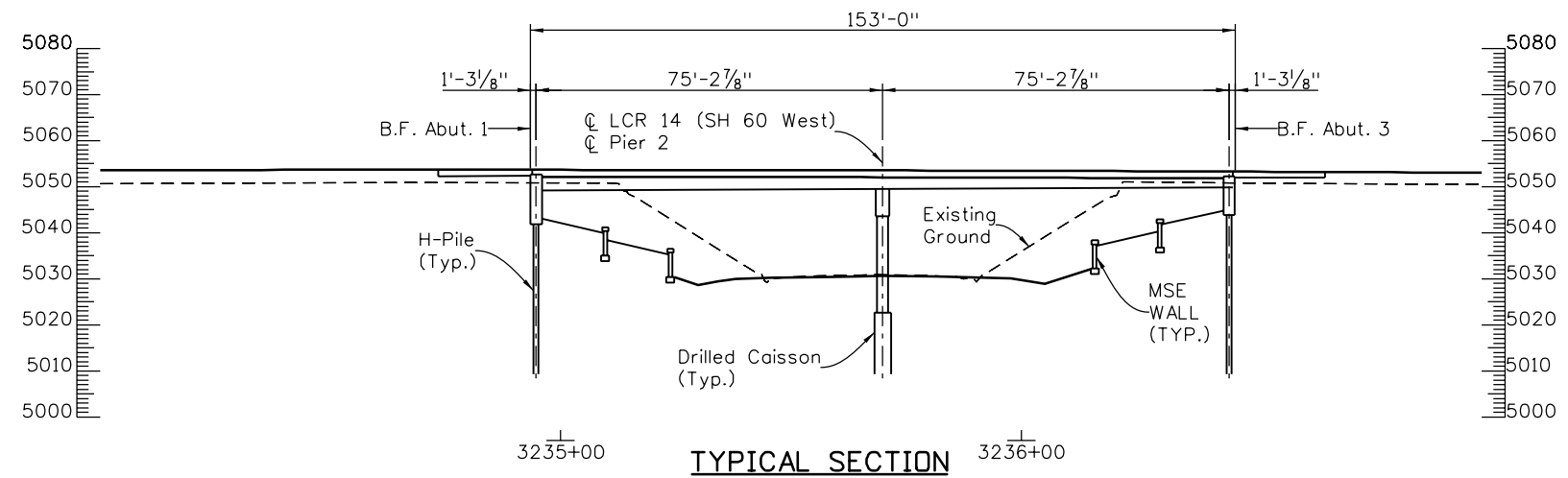
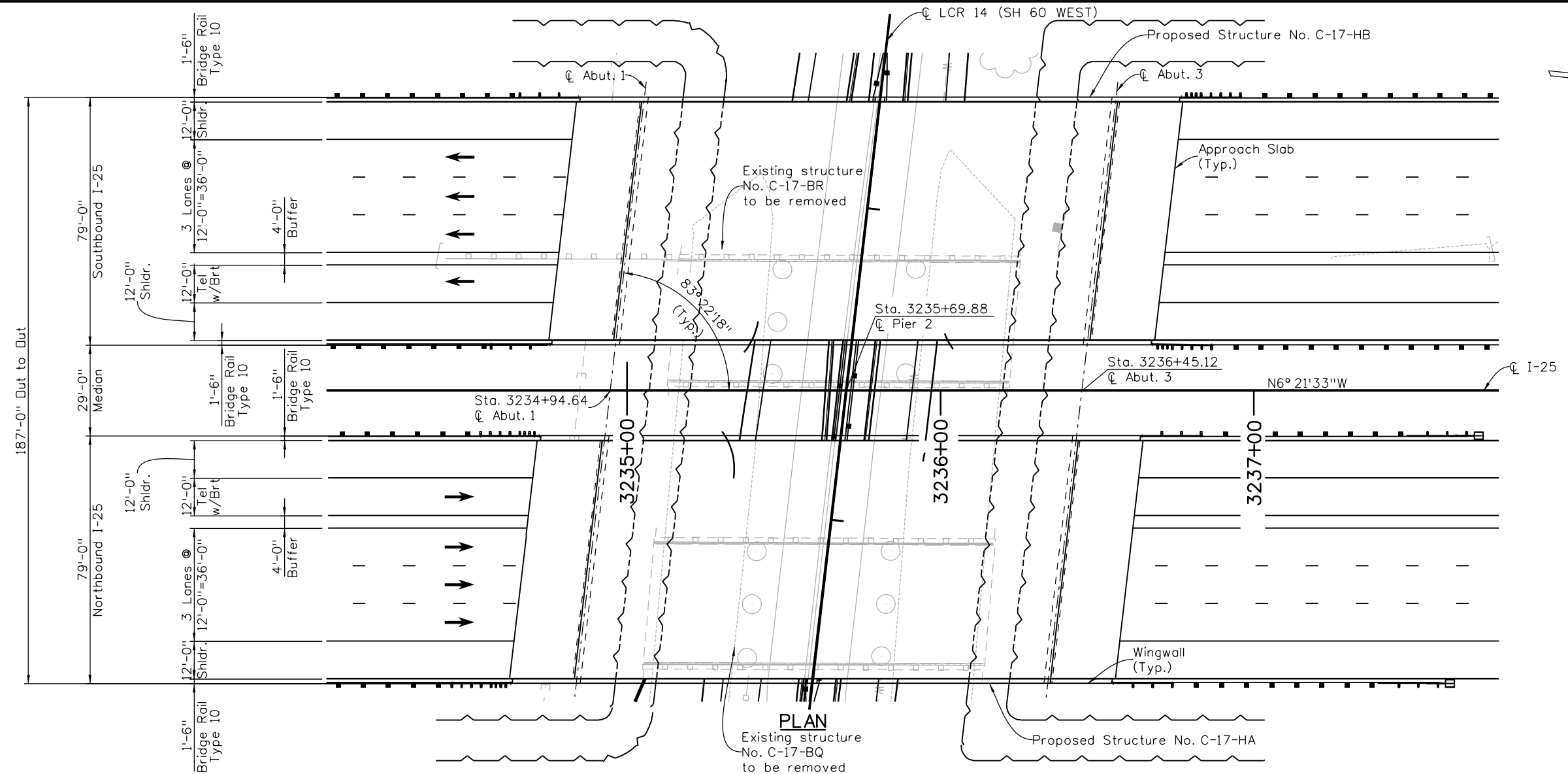
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 SH60 EAST BRIDGE OVER I-25
 CONSTRUCTION CONCEPT SECTIONS**

Designer: M. Merklinger Structure Numbers: C-17-FX
 Detailer: D. Knight
 Sheet Subset: Subset Sheets: of

Project No./Code
IM 0253-220
18319
Sheet Number 310

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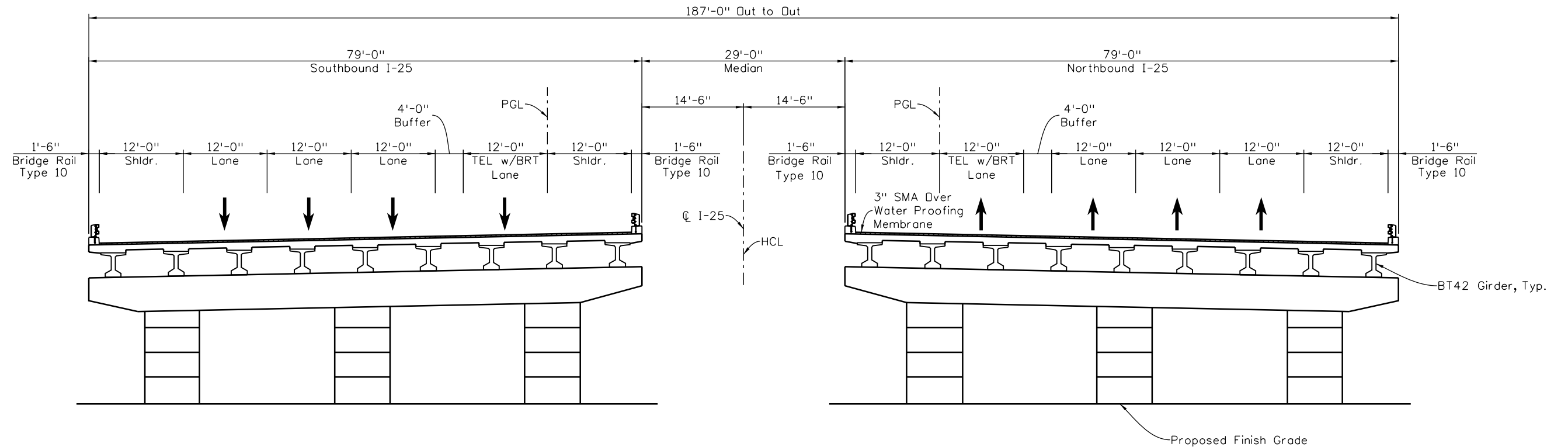
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 Region 4 CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 I-25 OVER LCR 14 (SH 60 WEST) GENERAL LAYOUT			
Designer:	JLS	Structure	C-17-HA
Detailer:	LJLJ	Numbers	C-17-HB
Sheet Subset:	BRIDGE	Subset Sheets:	

Project No./Code	
IM	0253-220
	18319
Sheet Number	311





TYPICAL SECTION

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Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

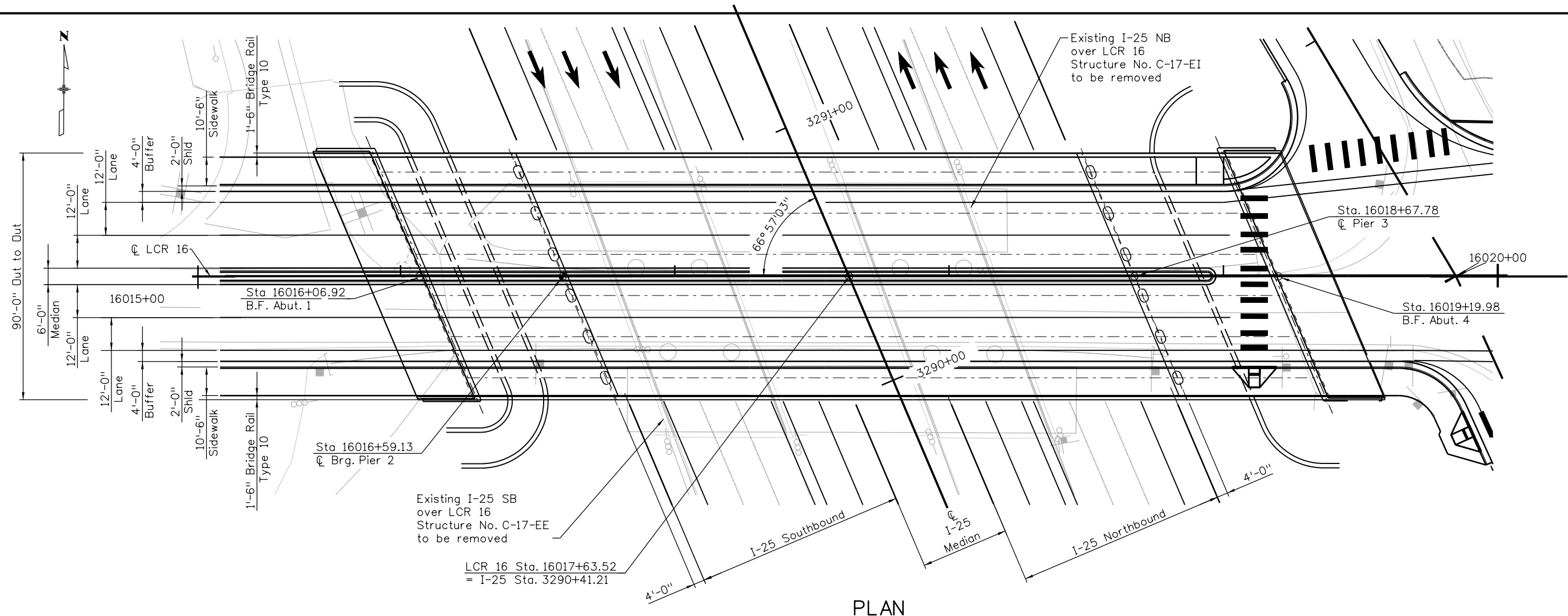
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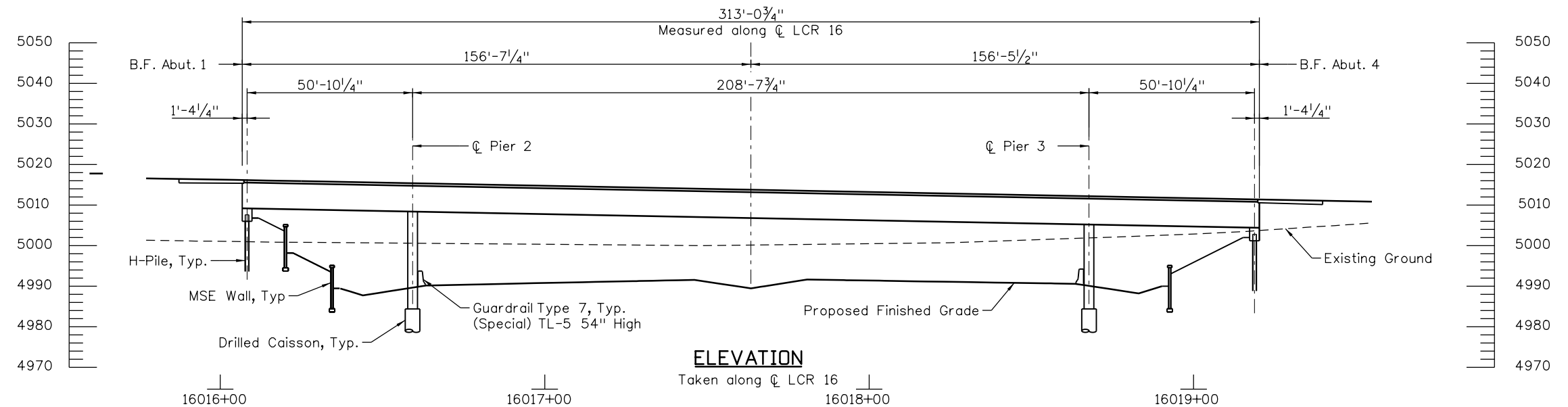
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 I-25 OVER LCR 14 (SH60 WEST)
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Detailer:	LJLJ	Numbers	C-17-HB
Sheet Subset:	BRIDGE	Subset Sheets:	

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IM	0253-220
	18319
Sheet Number	312



PLAN



ELEVATION

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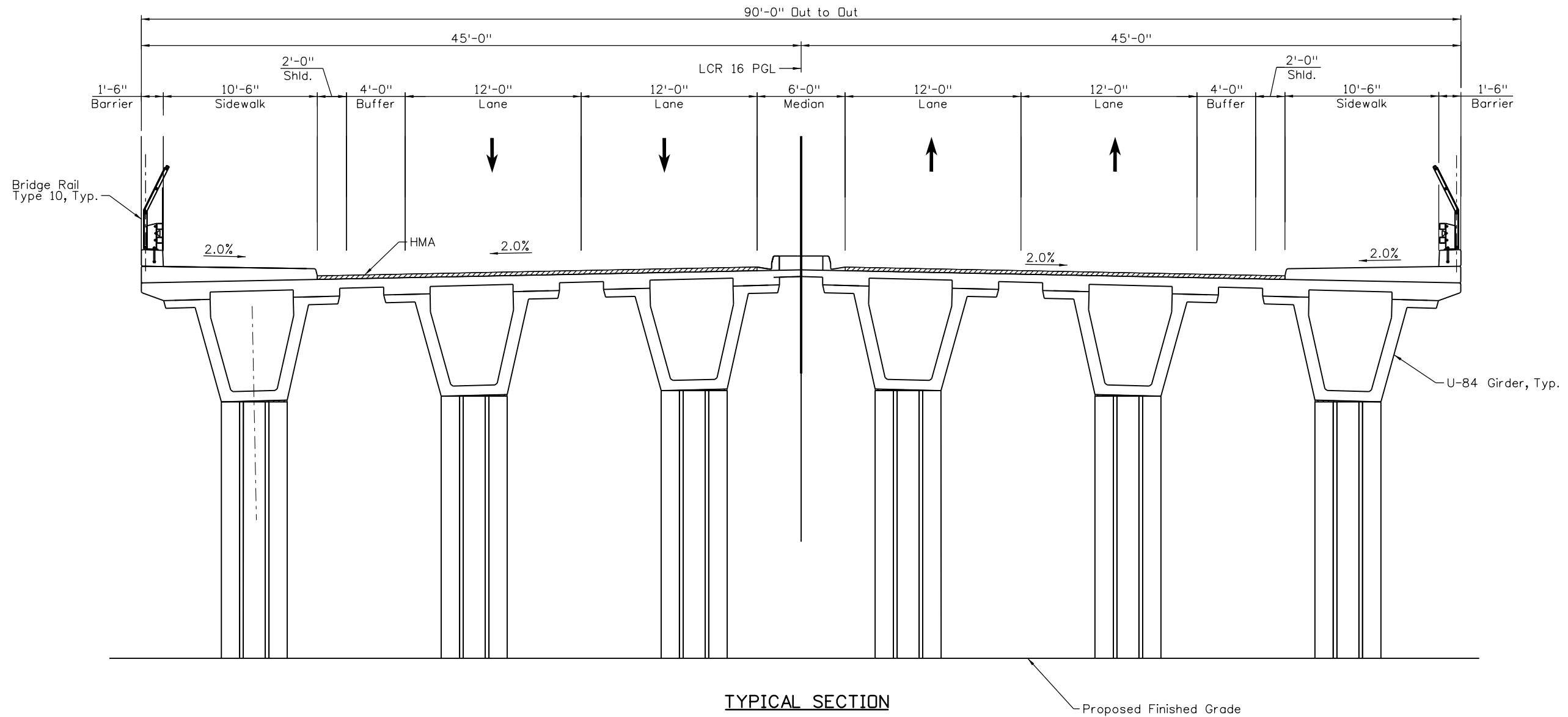
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JACOBS

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Date:	Comments	Init.

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Region 4
CJB

As Constructed	I-25 FROM N/O SH 56 TO N/O SH 402	
No Revisions:	LCR 16 OVER I-25	
Revised:	GENERAL LAYOUT	
Void:	Designer: J. Mehle	Structure Numbers: C-17-HF
	Detailer: M. Conley	
	Sheet Subset: BRIDGE	Subset Sheets:

Project No./Code
IM 0253-220
18319
Sheet Number 313



Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
XXX	MM/YY	XXX	MM/YY	XXX	MM/YY
Designed By	Checked By	Detailed By	Checked By	Quantities By	Checked By
XXX	XX	XXX	XX	XXX	XX

PriceA: 12/13/16 PM 4:12 Transportation\W\X\4100 North I-25\7000CDOT\18319\BRIDGE\LCR 16\Drawings\18319-BR_LCR16-TypSec.dgn
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Print Date: 12/12/2016
 File Name: 18319-BR_LCR16-TypSec.dgn
 Horiz. Scale: 1:1 Vert. Scale: As Noted
 Unit Information: Unit Leader Initials:

MULLER ENGINEERING COMPANY **JACOBS**

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

Region 4

10601 W. 10th Street
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CJB

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402
LCR 16 OVER I-25
TYPICAL SECTION

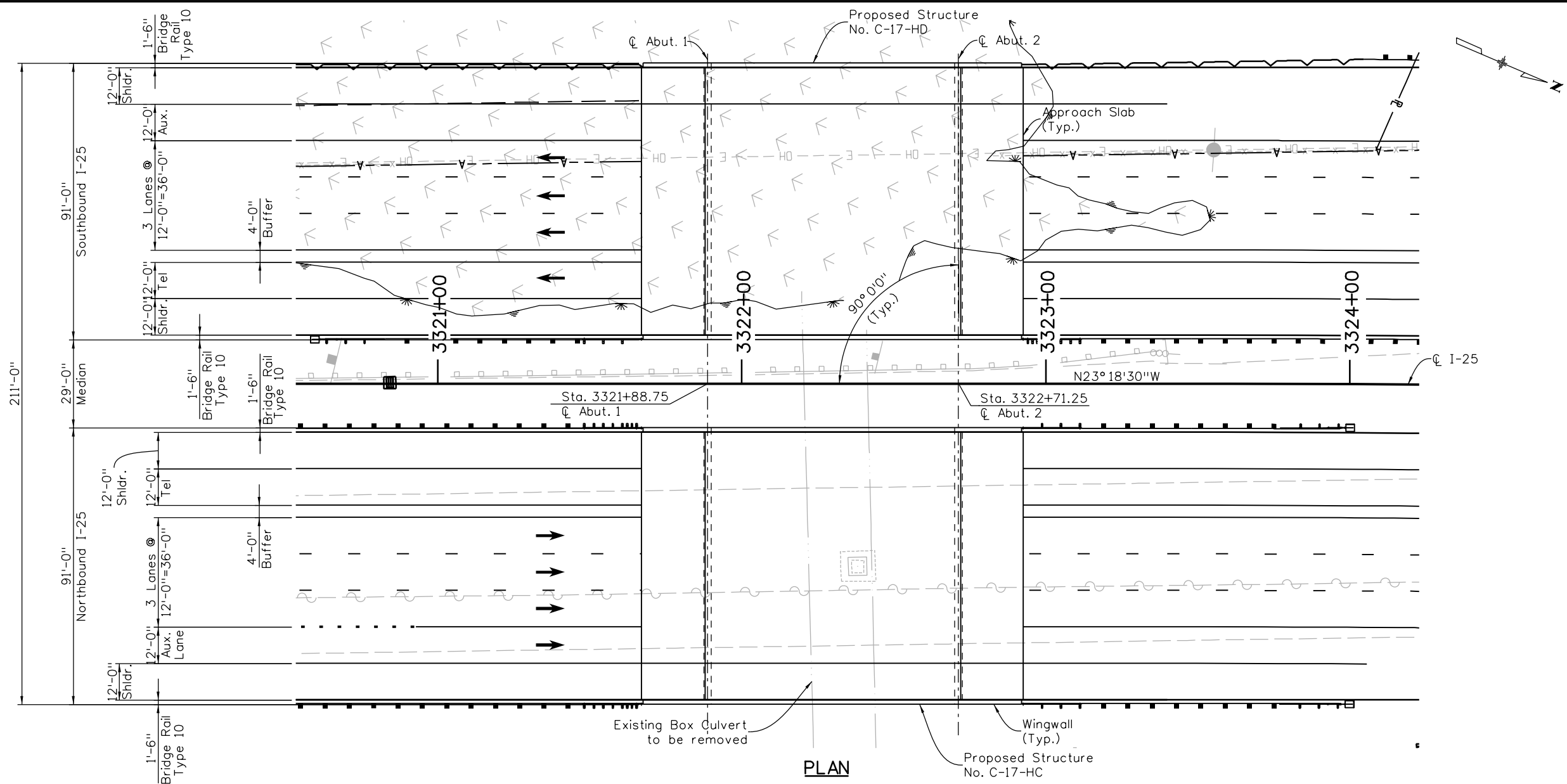
Designer: J. Mehle
 Detailer: M. Conley
 Sheet Subset: BRIDGE

Structure Numbers: C-17-HF
 Subset Sheets:

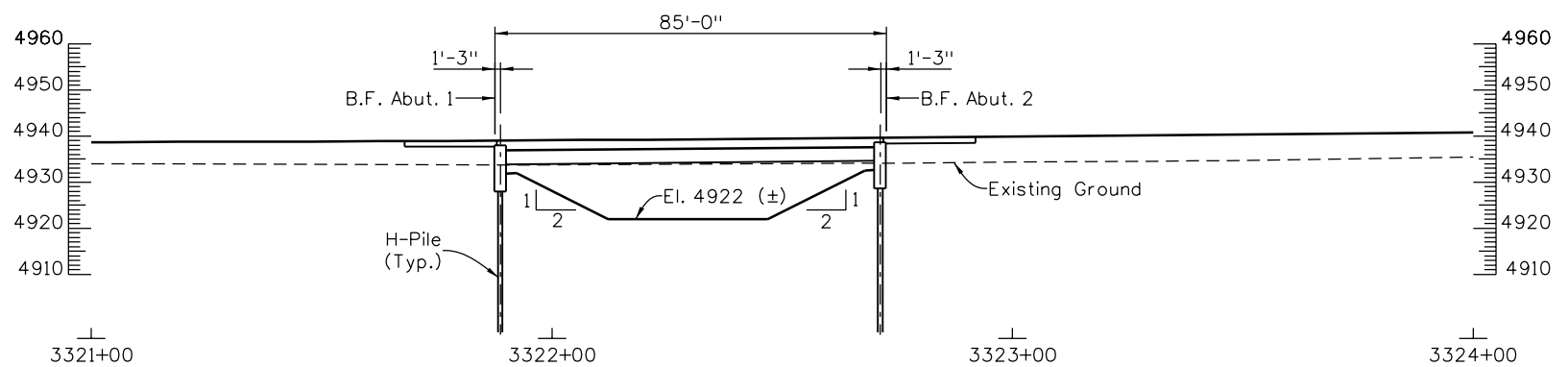
Project No./Code
IM 0253-220
18319
Sheet Number 314

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
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Designed By	Detailed By	Checked By	Checked By	Quantities By	Checked By
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Leah 3:52:38 PM P:\12-003.01 I-25 SH 56 to SH 56 - CDDT R-4\18319\Ultimate\Bridge\Drawings\I-25 Segment 6\18319BRDG_SEG6_Gen Layout Hillsboro Trib.dgn
 12/12/2016 CDDT-DefaultPrinter_V8i.plt CDDT V81 BW.tbl



PLAN



TYPICAL SECTION

Print Date: 12/12/2016
 File Name: 18319BRDG_SEG6_Gen Layout Hillsboro Trib.dgn
 Horiz. Scale: 1:40 Vert. Scale: As Noted
 Unit Information: Unit Leader Initials:

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
 10601 W. 10th Street
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 Region 4 CJB

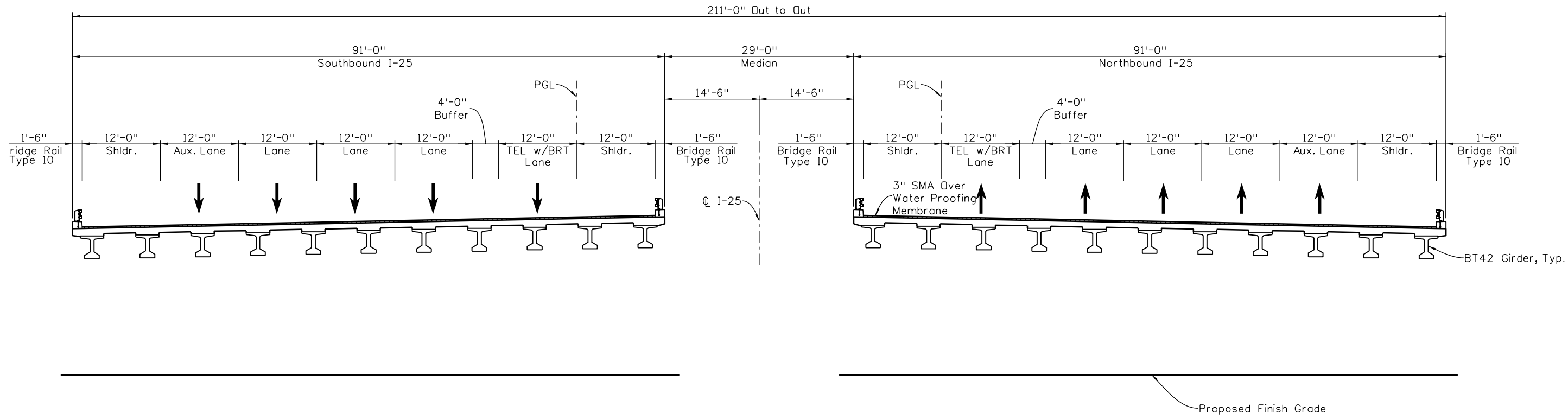
As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/O SH 56 TO N/O SH 402 I-25 OVER HILLSBORO TRIBUTARY GENERAL LAYOUT	
Designer:	JLS
Detailer:	LJLJ
Sheet Subset:	BRIDGE
Structure Numbers:	C-17-HC C-17-HD
Subset Sheets:	

Project No./Code	
IM	0253-220
	18319
Sheet Number	315



Leah 3:52:46 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDOT R-4\18319\Ultimate\Bridge\Drawings\I-25 Segment 6\18319BRDG_SEG6_Superstructure Hillsboro Tributary.dgn
 12/12/2016 CDOT-DefaultPrinter_V8i.plt:fg CDOT V81 BW.tbl



TYPICAL SECTION

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
XXX	MM/YY	XXX	MM/YY	XXX	MM/YY
Checked By	Checked By	Checked By	Checked By	Checked By	Checked By
XX	MM/YY	XXX	MM/YY	XX	MM/YY

Print Date: 12/12/2016
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Sheet Revisions		
Date	Comments	Init.

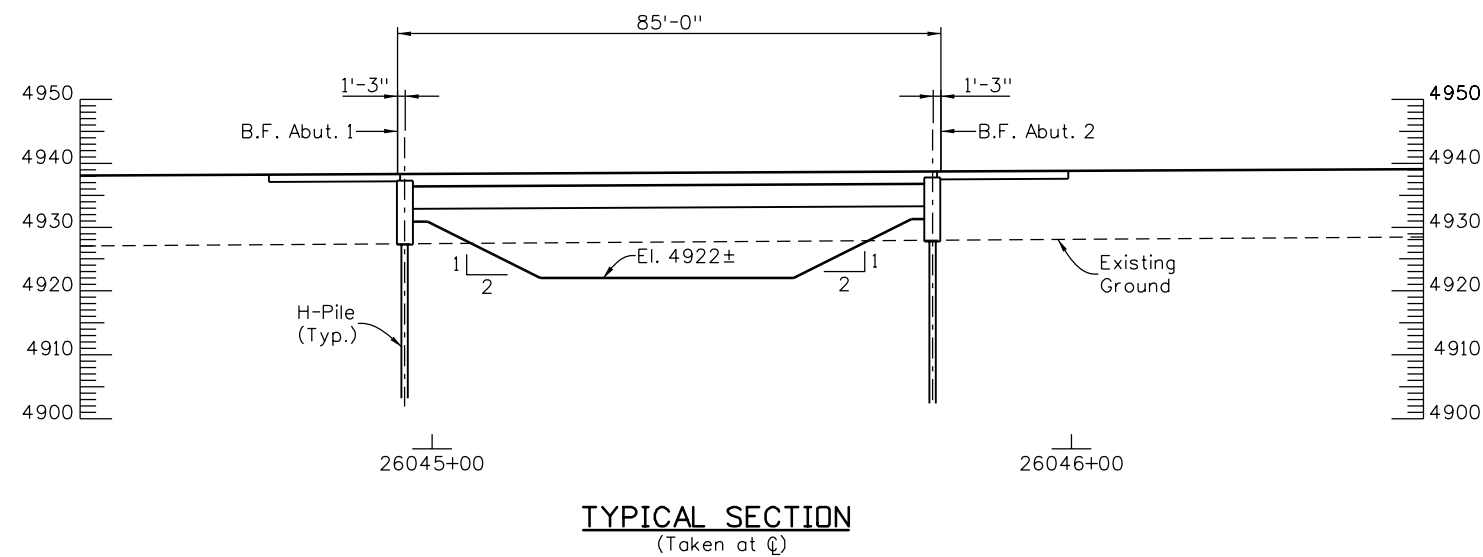
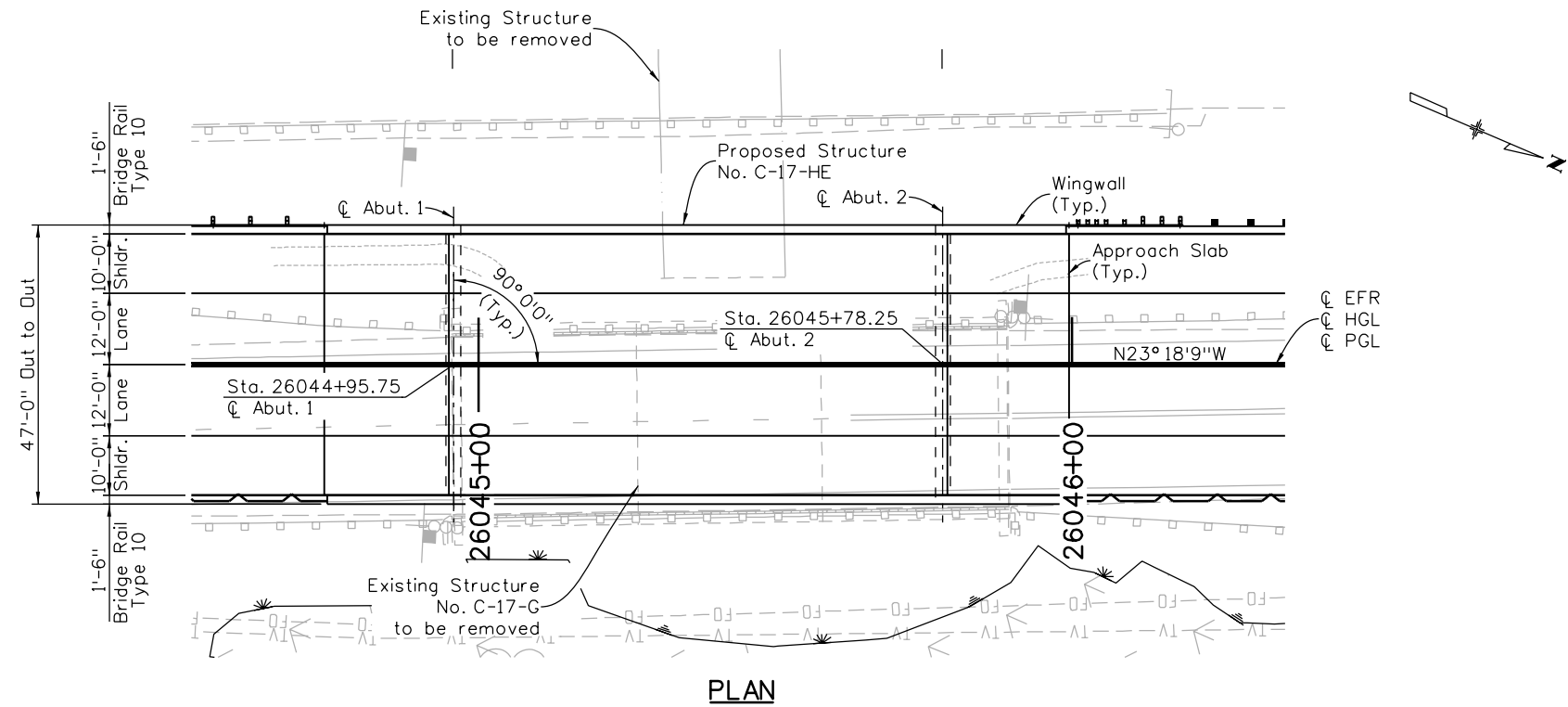
Colorado Department of Transportation
 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed	No Revisions:
Revised:	
Void:	

I-25 FROM N/O SH 56 TO N/O SH 402
 I-25 OVER HILLSBORO TRIBUTARY
 TYPICAL SECTION

Designer:	JLS	Structure Numbers	C-17-HC
Detailer:	LJLJ		C-17-HD
Sheet Subset:	BRIDGE	Subset Sheets:	

Project No./Code	IM 0253-220
	18319
Sheet Number	316



Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
XXX	MM/YY	XXX	MM/YY	XXX	MM/YY
Designed By		Checked By		Quantities By	
Checked By		Checked By		Checked By	

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Print Date: 12/12/2016	
File Name: 18319BRDG_SEG6_Gen Layout EFR.dgn	
Horiz. Scale: 1:30	Vert. Scale: As Noted
Unit Information:	Unit Leader Initials:
MULLER ENGINEERING COMPANY	

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

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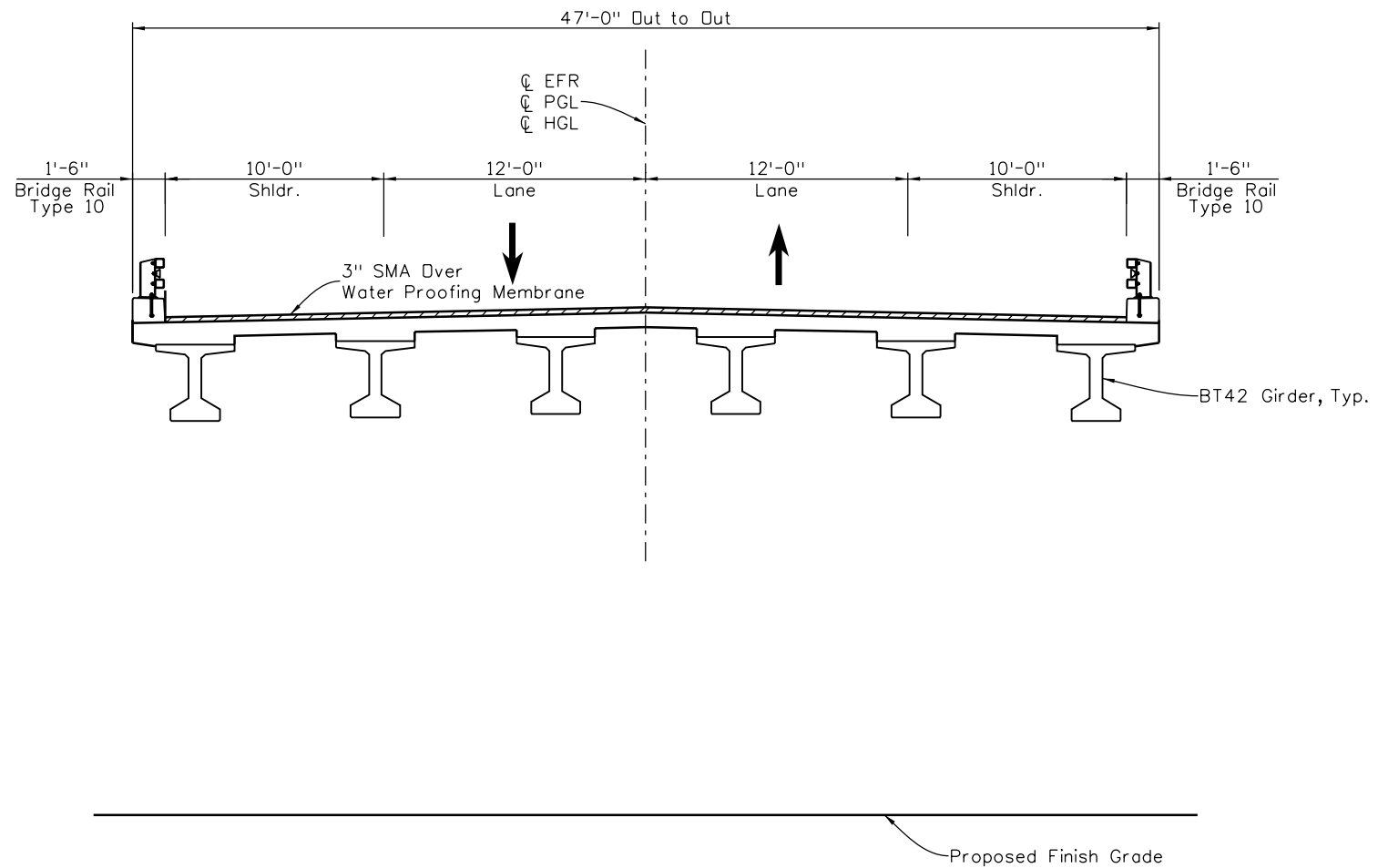
Region 4

CJB

As Constructed
No Revisions:
Revised:
Void:

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Designer:	JLS	Structure	C-17-HE
Detailer:	LJLJ	Numbers	
Sheet Subset:	BRIDGE	Subset Sheets:	

Project No./Code	IM 0253-220
	18319
Sheet Number	317



TYPICAL SECTION

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
XXX	MM/YY	XXX	MM/YY	XXX	MM/YY
Designed By		Checked By		Quantities By	
XXX		XXX		XXX	
Checked By		Checked By		Checked By	
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Print Date: 12/12/2016
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 Horiz. Scale: 1:1 Vert. Scale: As Noted
 Unit Information: Unit Leader Initials:

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Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
 Region 4

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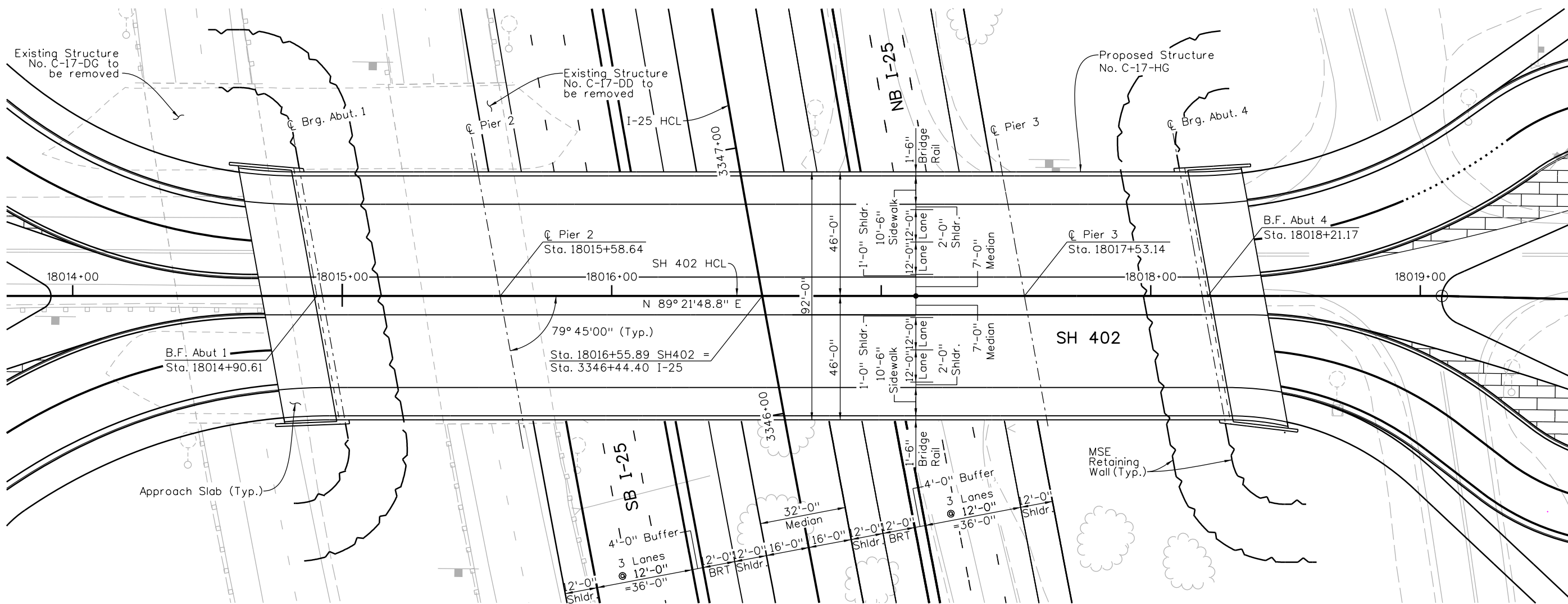
CJB

As Constructed
No Revisions:
Revised:
Void:

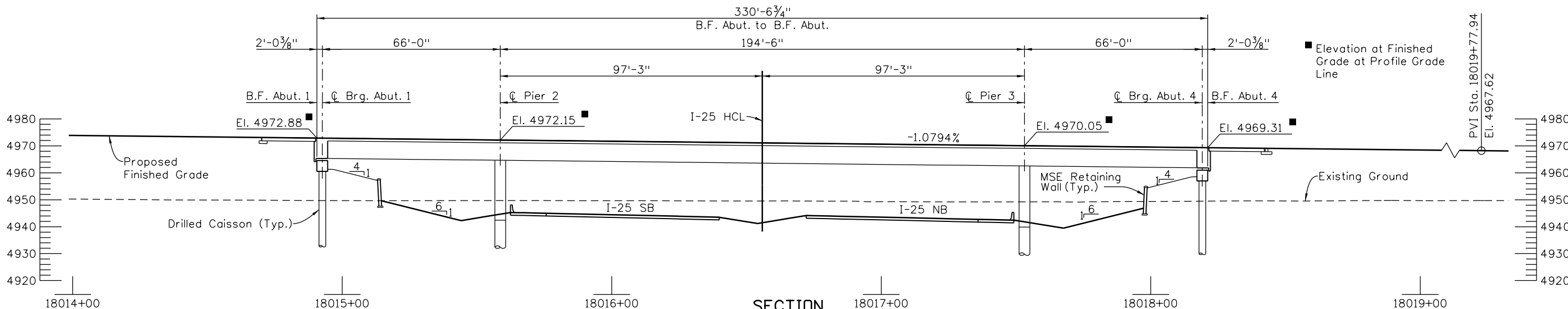
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Detailer:	LJLJ	Subset Sheets:	
Sheet Subset:	BRIDGE		

Project No./Code	
IM	0253-220
	18319
Sheet Number	318





PLAN



Print Date: 10/27/2016

File Name: 18319BRDG_GenLay.dgn

Horiz. Scale: 1:40

Vert. Scale: As Noted

Staff Bridge Branch - Unit 0224 Unit Leader : AH



FELSBURG
HOLT &
ULLEVIG
6300 South Syracuse Way
Suite 600
Centennial, CO 80111
(303) 721-1440

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

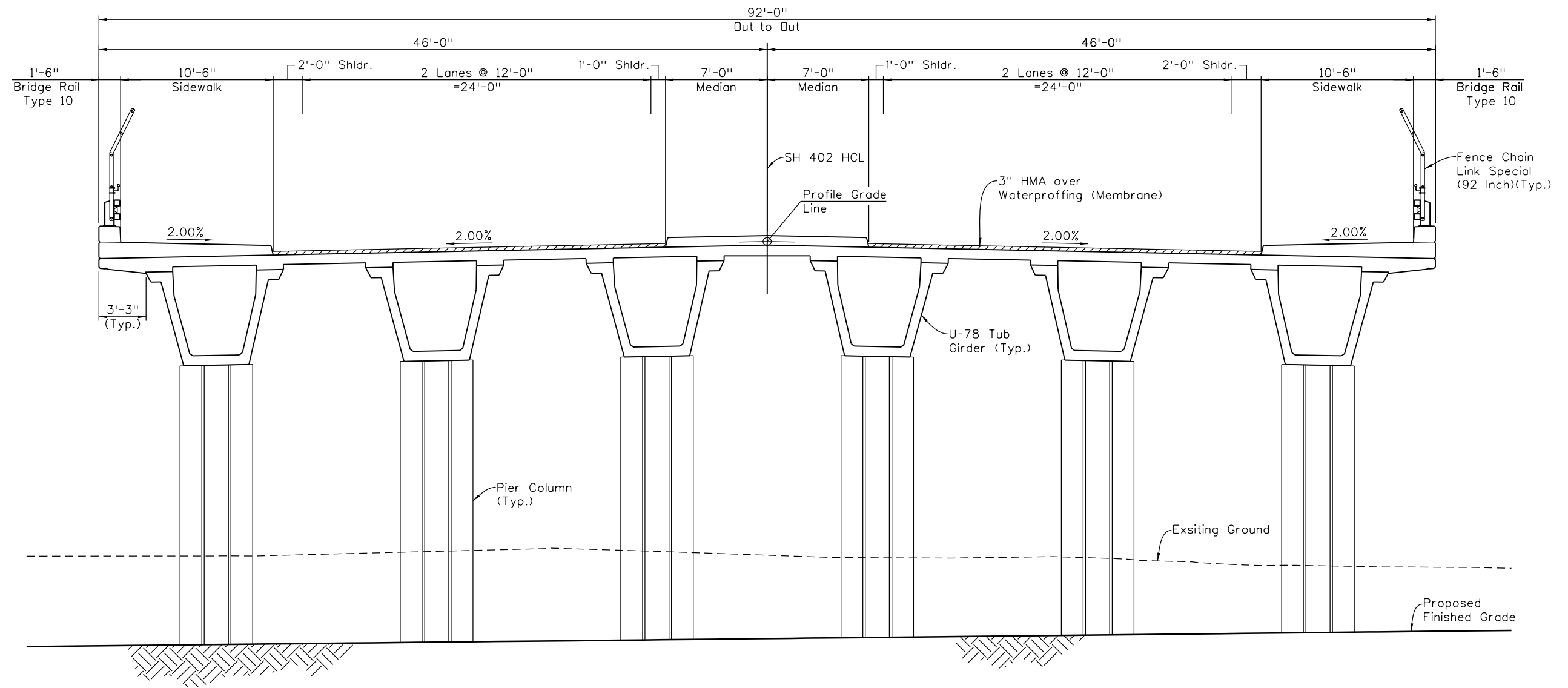
Region 4

10601 W. 10th Street
Greeley, CO 80634
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CJB

As Constructed	I-25 FROM N/D SH 56 TO N/D SH 402		Project No./Code
No Revisions:	GENERAL LAYOUT		IM 0253-220
Revised:	Designer: C. Otegui	Structure Numbers: C-17-HG	18319
Void:	Detailer: R. Dillon	Sheet Subset: Bridge	Sheet Number 319
		Subset Sheets: B1 of 2	

Rick Dillon 10/27/2016 10:16:01 AM DGN MODEL:Border \$FILEPATH\$



TYPICAL SECTION
(Looking Upstation)

Rick Dillon
 10/27/2016 10:16:02 AM
 DGN MODEL:Border
 \$FILEPATH\$

Print Date: 10/27/2016
File Name: 18319BRDG_TypicalSection.dgn
Horiz. Scale: 1:1 Vert. Scale: As Noted
Staff Bridge Branch - Unit 0224 Unit Leader : AH

Sheet Revisions		
Date:	Comments	Init.

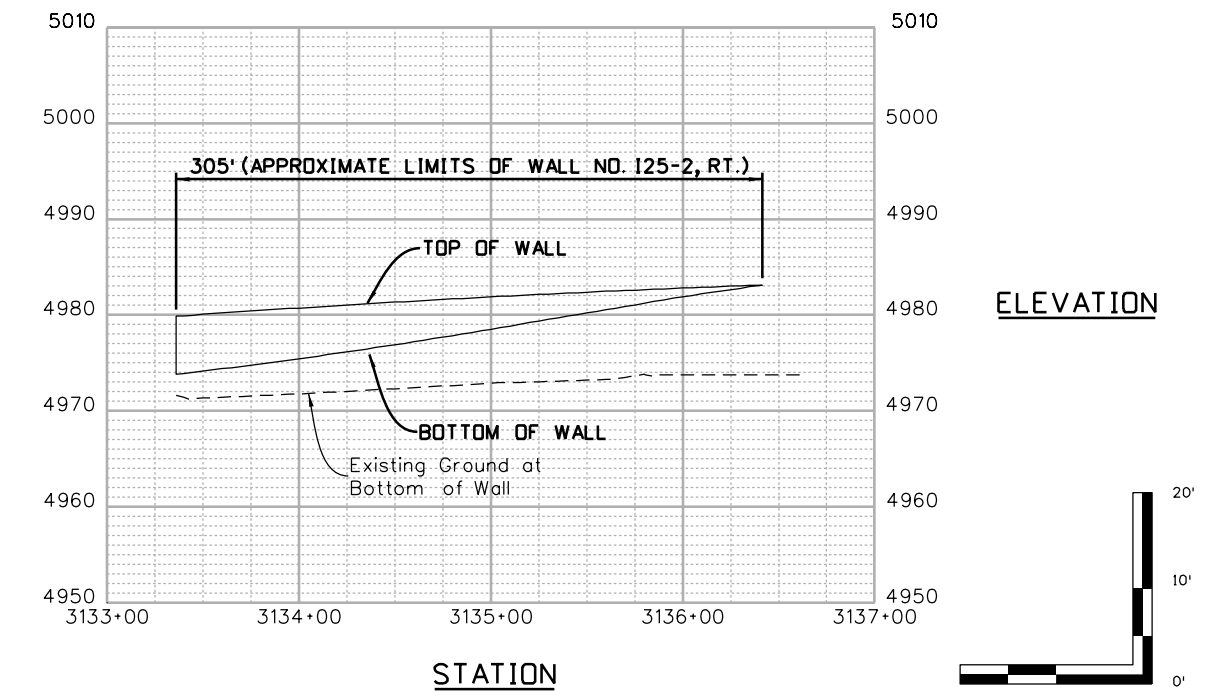
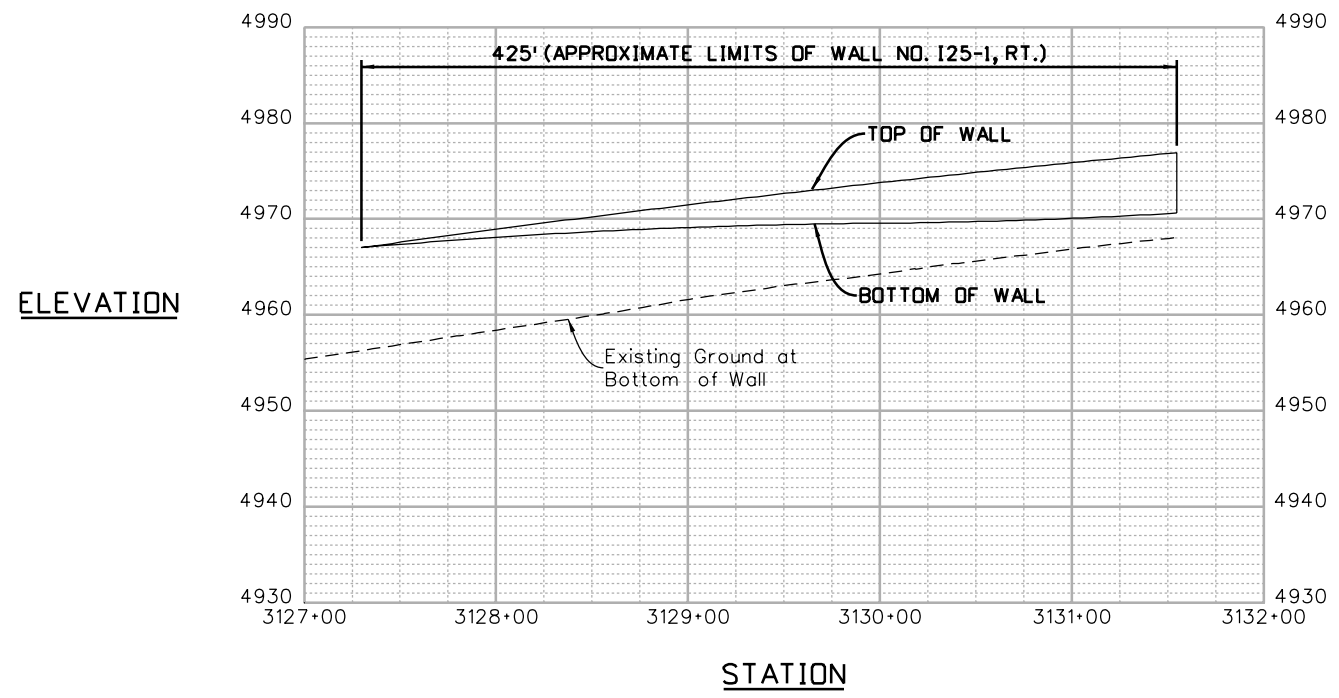
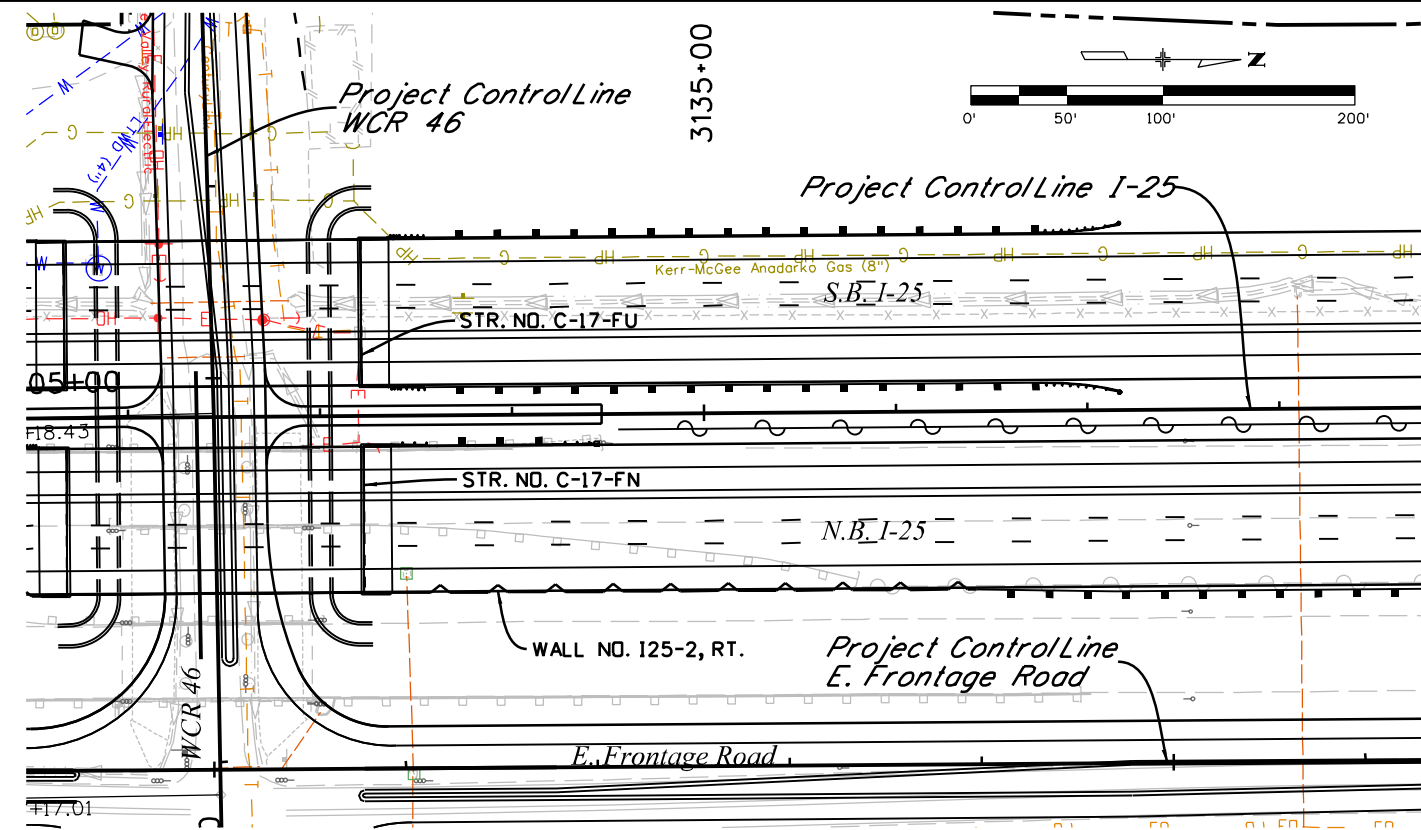
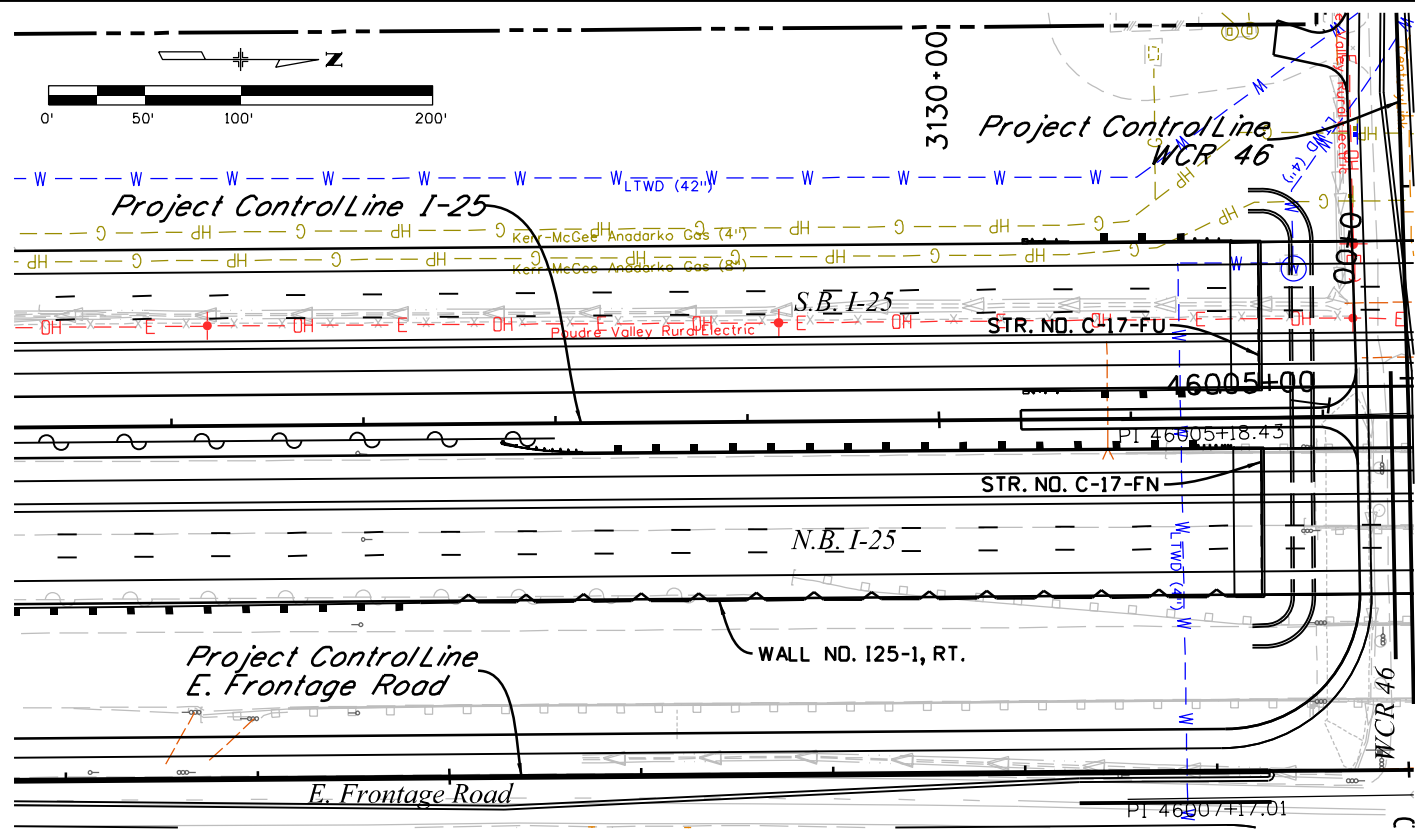
Colorado Department of Transportation
 10601 W. 10th Street
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Region 4 **CJB**

As Constructed
No Revisions:
Revised:
Void:

I-25 FROM N/D SH 56 TO N/D SH 402			
TYPICAL SECTION			
Designer:	C. Otegui	Structure Numbers	C-17-HG
Detailer:	R. Dillon	Sheet Subset:	Bridge
Sheet Subset:	Bridge	Subset Sheets:	B2 of 2

Project No./Code
IM 0253-220
18319
Sheet Number 320

Leah 5:53:09 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Bridges\Drawings\I-25 Segment 6\18319BRDC_I25-WALL_01.dgn
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Print Date: 12/12/2016	
Drawing File Name: 18319BRDC_I25-WALL_01.dgn	
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Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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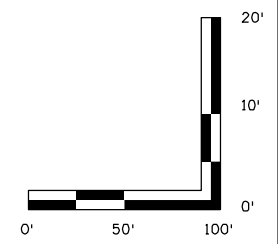
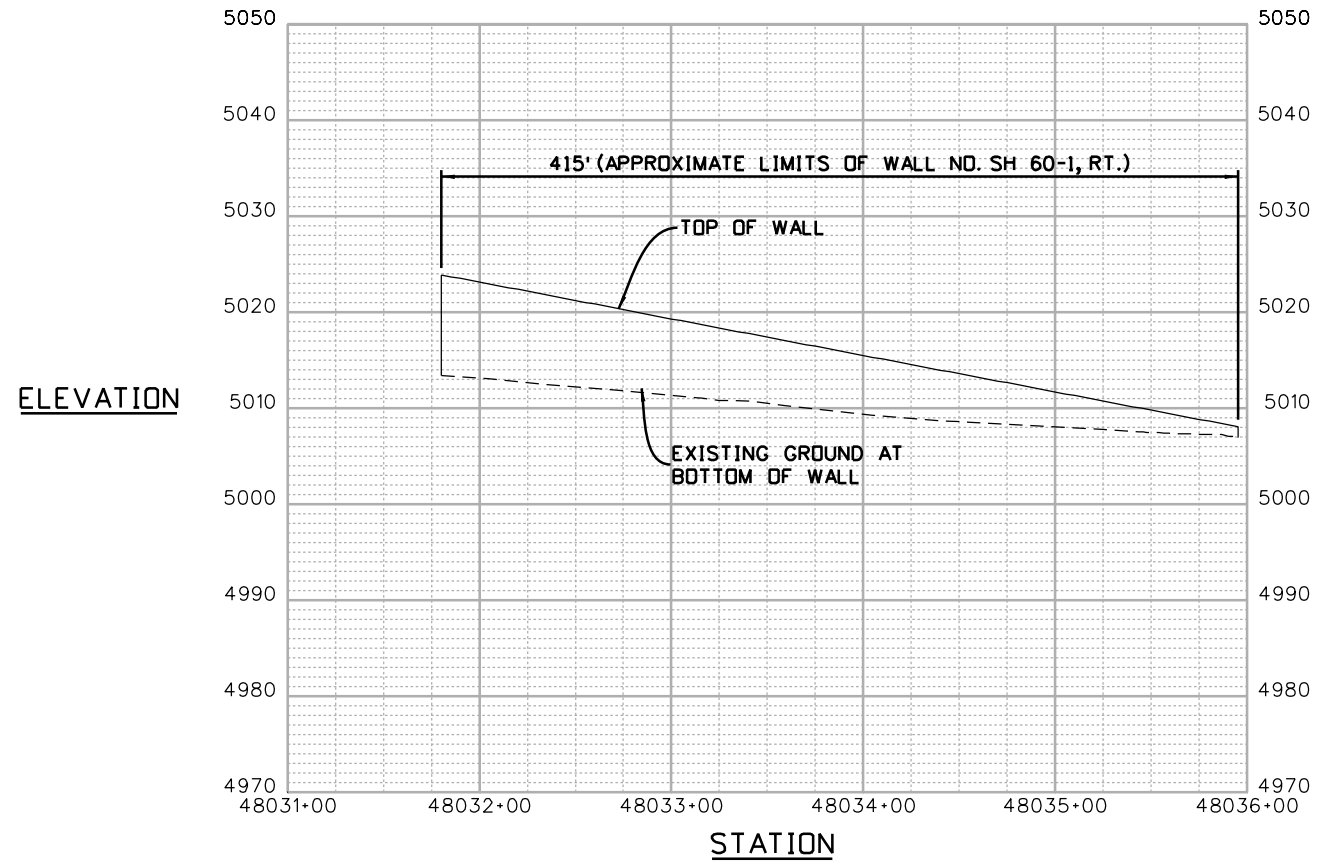
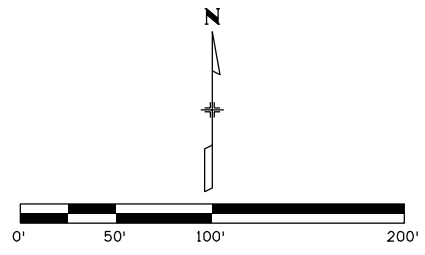
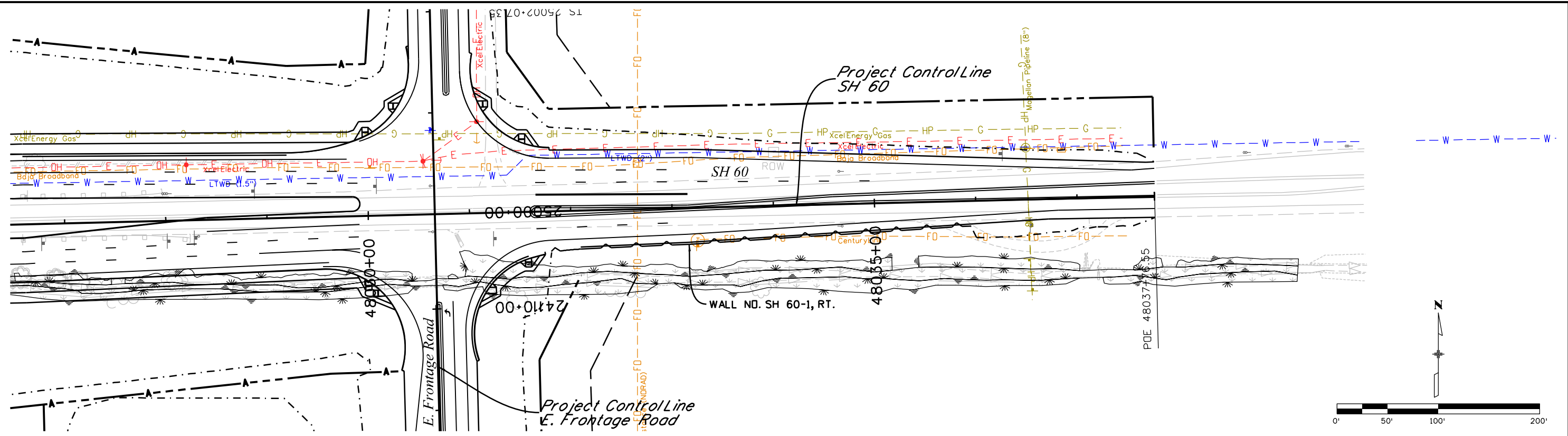
Colorado Department of Transportation


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 Greeley, CO 80634
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 Region 4 CJB

As Constructed	I-25 FROM N/O SH 56 TO N/O SH 402	
No Revisions:	RETAINING WALL PROFILES	
Revised:	NO. 125-1, RT. & NO. 125-2, RT.	
Void:	Designer: EKS	Structure Numbers
	Detailer: LMR	
	Sheet Subset: WALLS	Subset Sheets: 1 of 7

Project No./Code	IM 0253-220
	18319
Sheet Number	321

Leah 5:53:18 PM P:\12-003\01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Brdge\Drawings\I-25 Segment 6\18319BRDG_125-WALL_02.dgn
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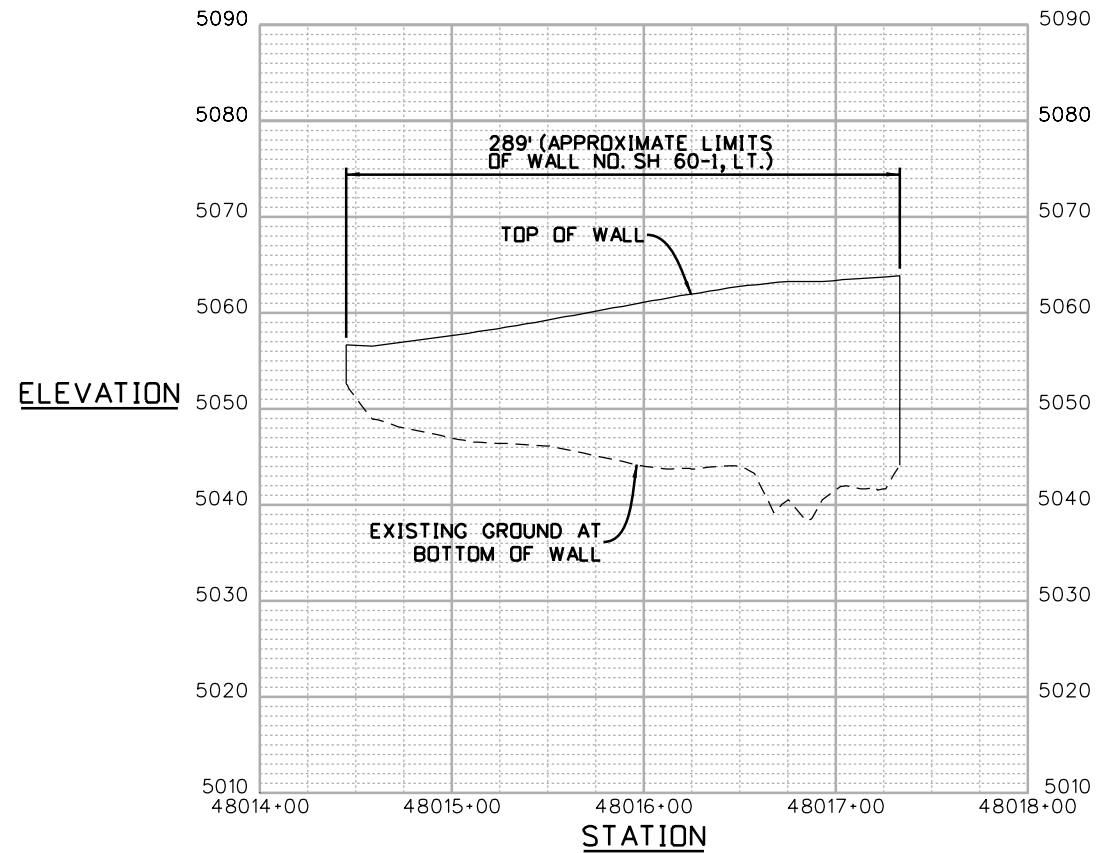
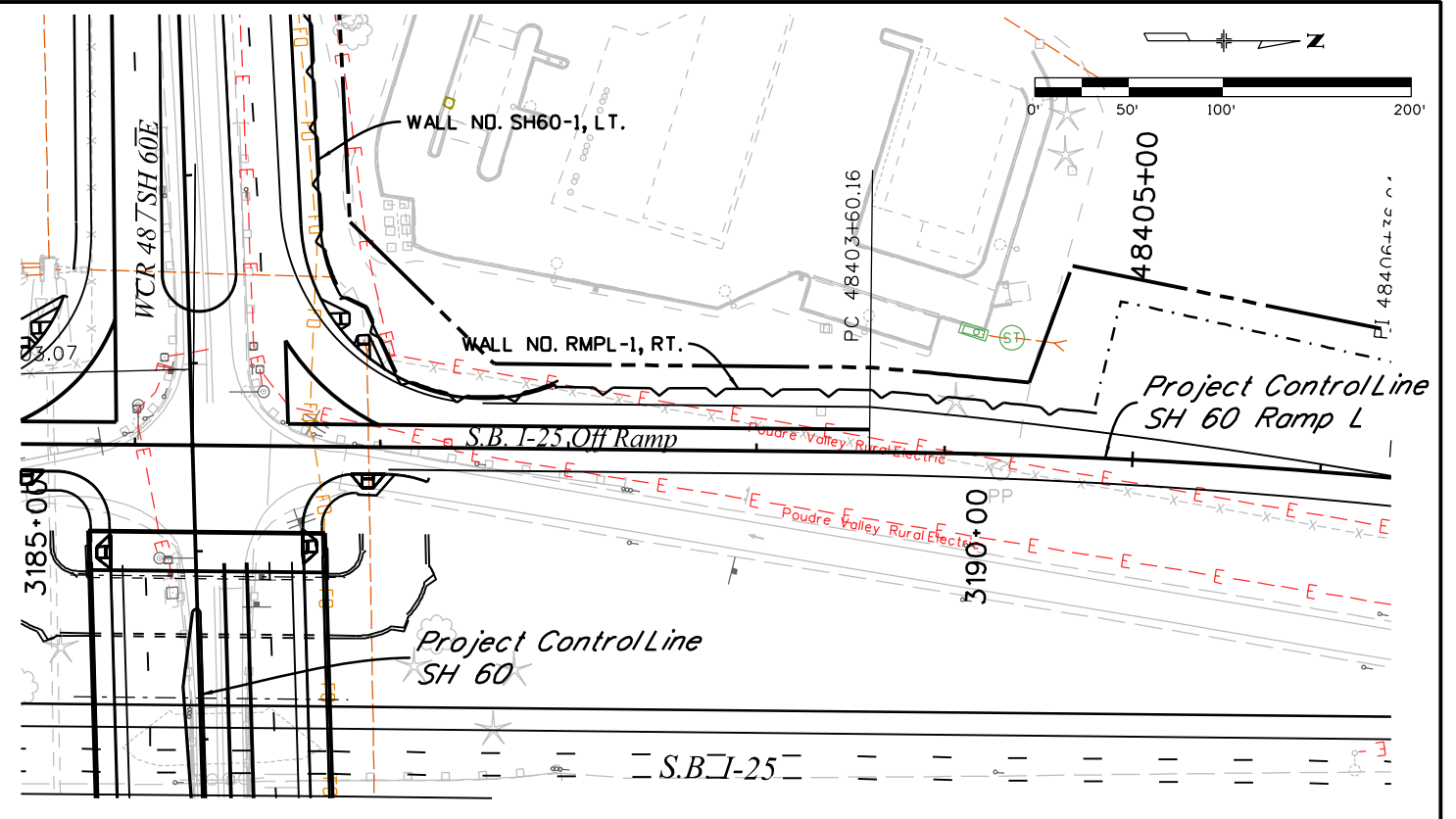
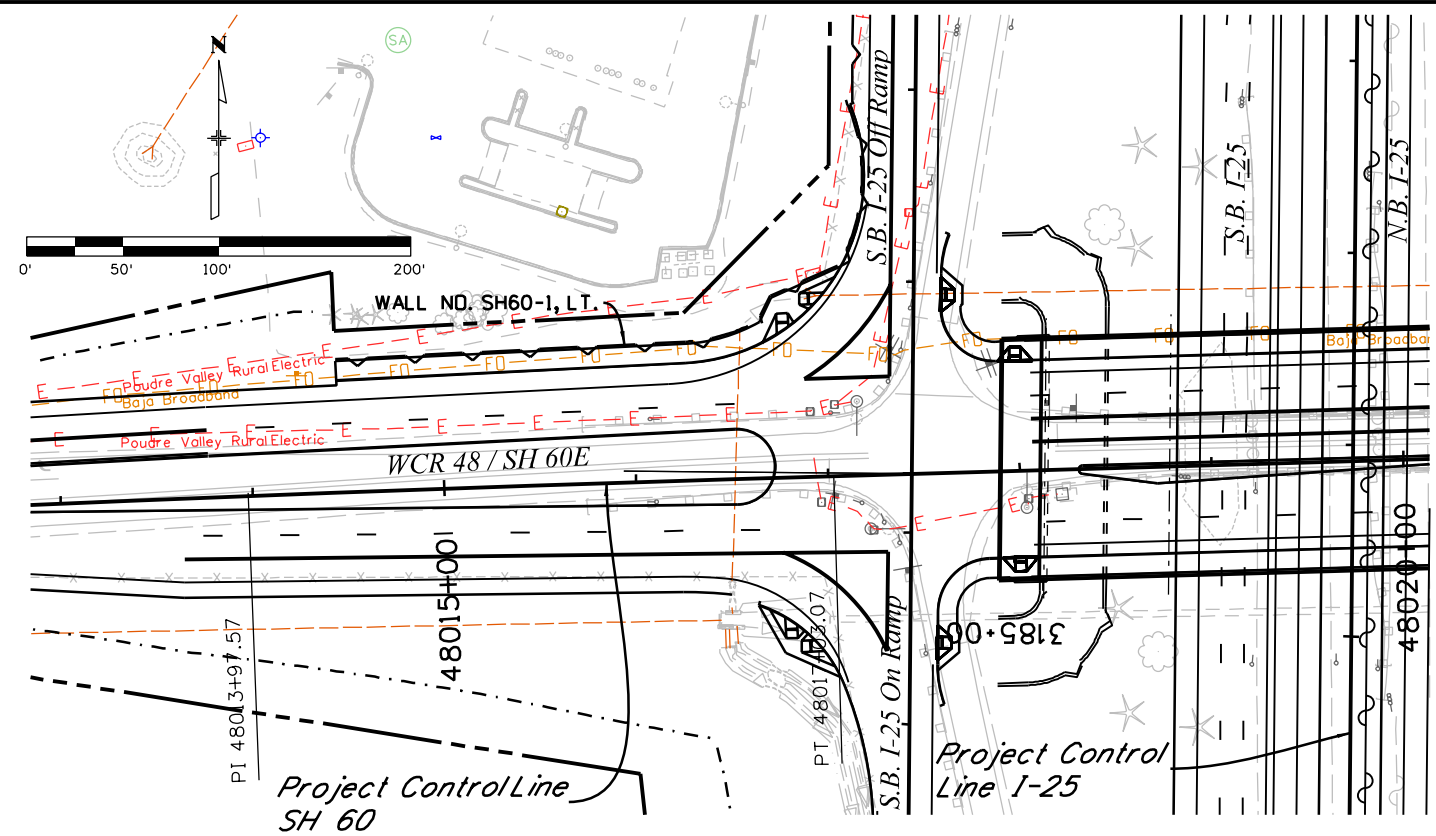
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Leah 5:53:25 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Bridg\Drawings\I-25 Segment 6\18319BRDG_I25-WALL_03.dgn
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Print Date: 12/12/2016
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 Unit Information Unit Leader Initials

Sheet Revisions	
Date:	Comments
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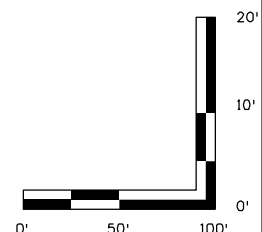
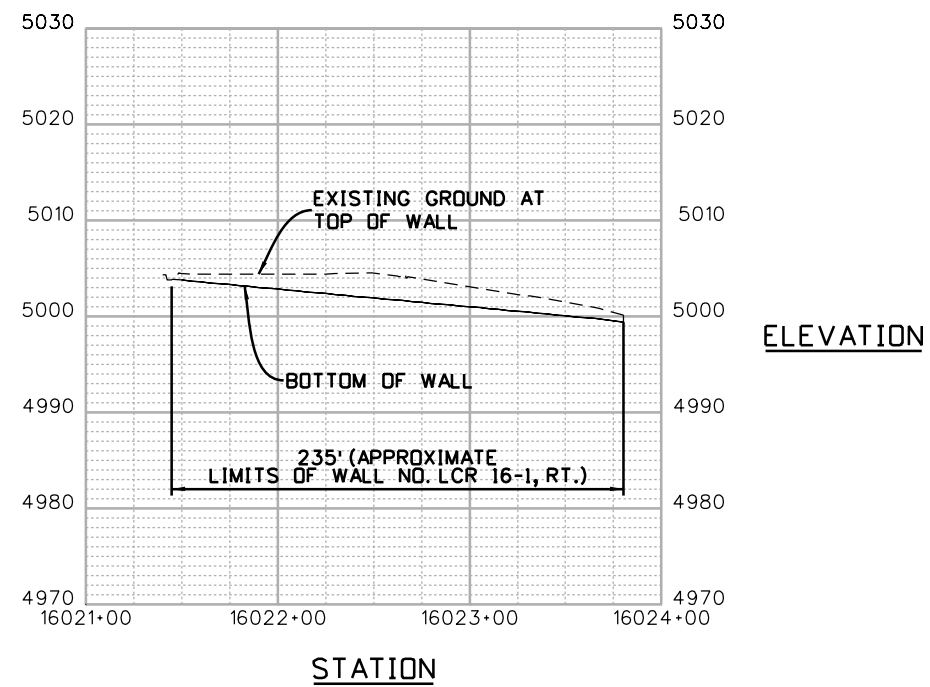
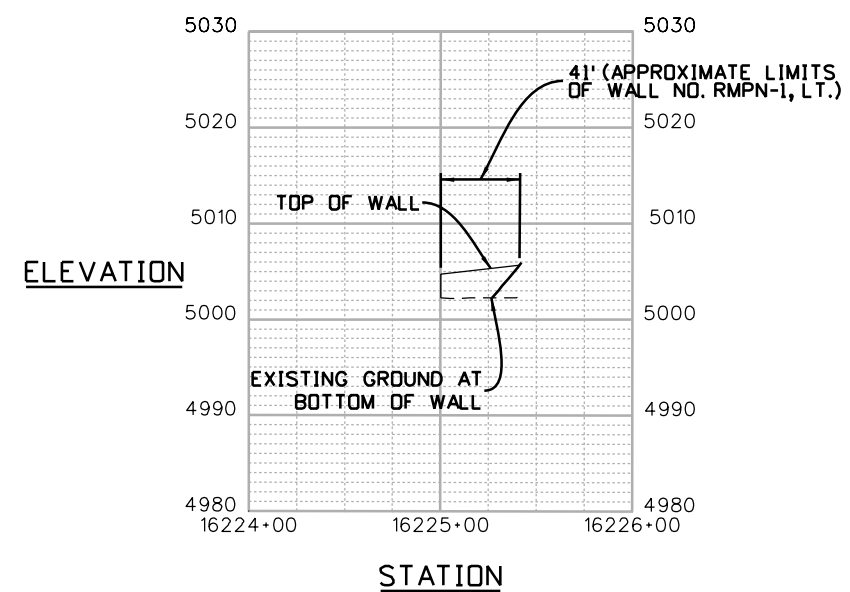
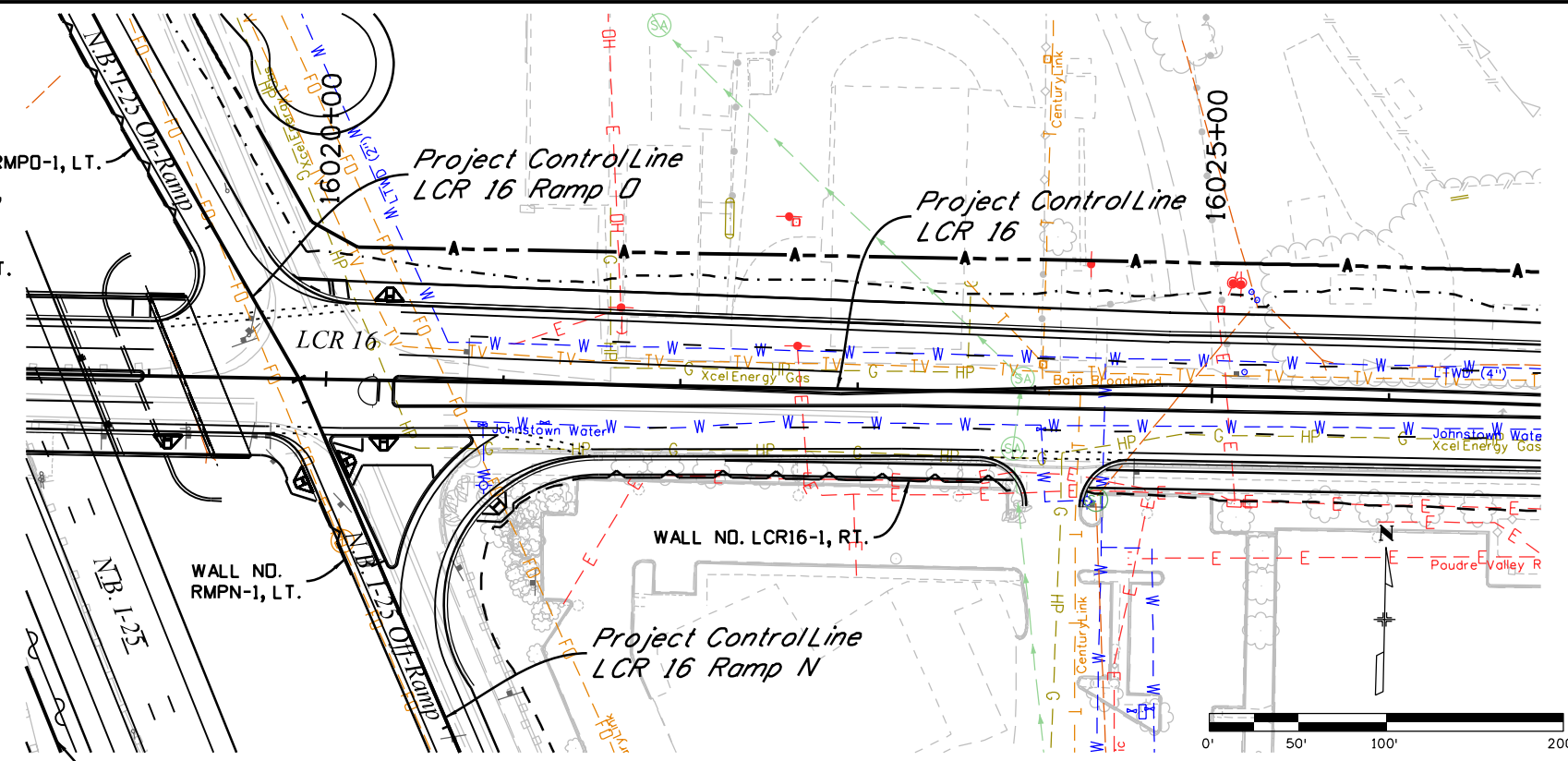
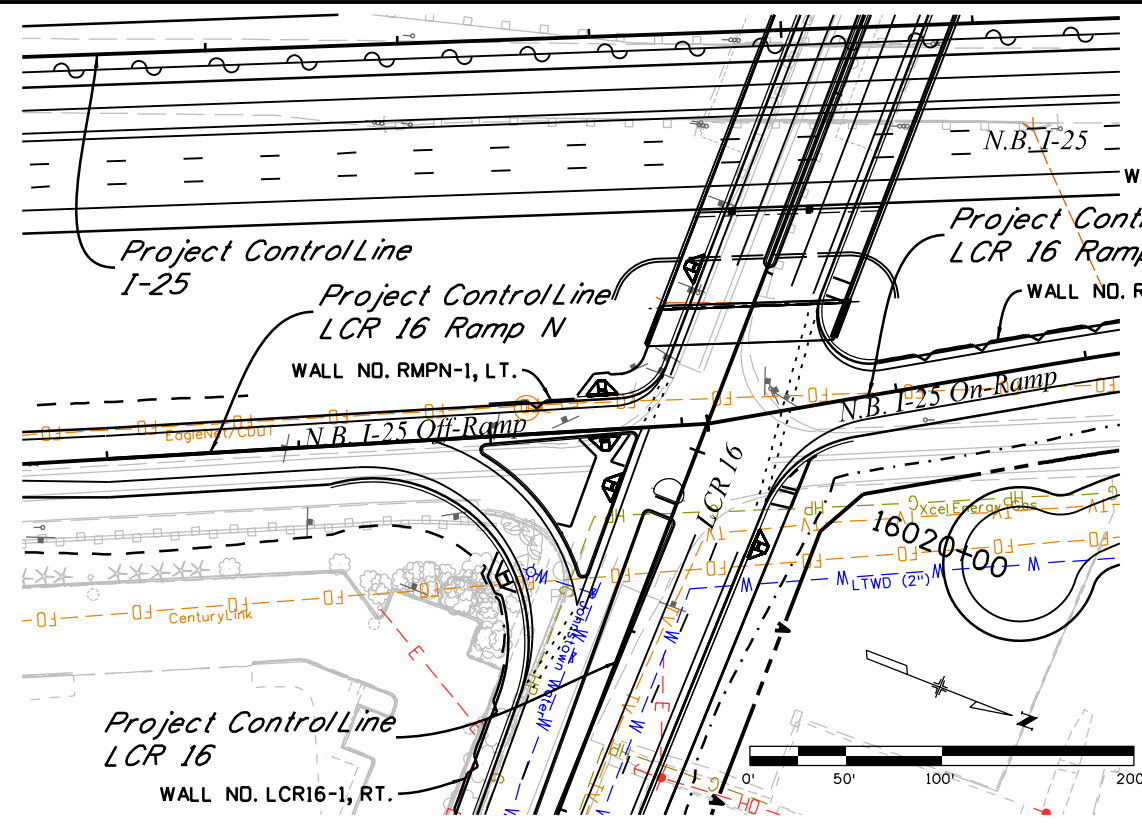
Colorado Department of Transportation

 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed	I-25 FROM N/O SH 56 TO N/O SH 402	
No Revisions:	RETAINING WALL PROFILES	
Revised:	NO. SH60-1, LT. & NO. RMPL-1, RT.	
Void:	Designer: EKS	Structure Numbers:
	Detailer: LMR	
	Sheet Subset: WALLS	Subset Sheets: 3 of 7


Project No./Code	IM 0253-220
Sheet Number	323

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Print Date: 12/12/2016	
Drawing File Name: 18319BRDG-I25-WALL_04.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
0000	20% SUBMITTAL

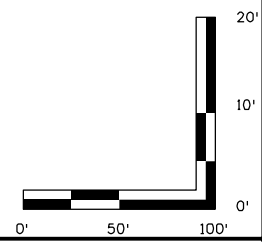
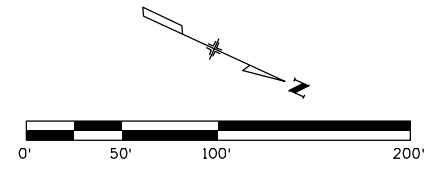
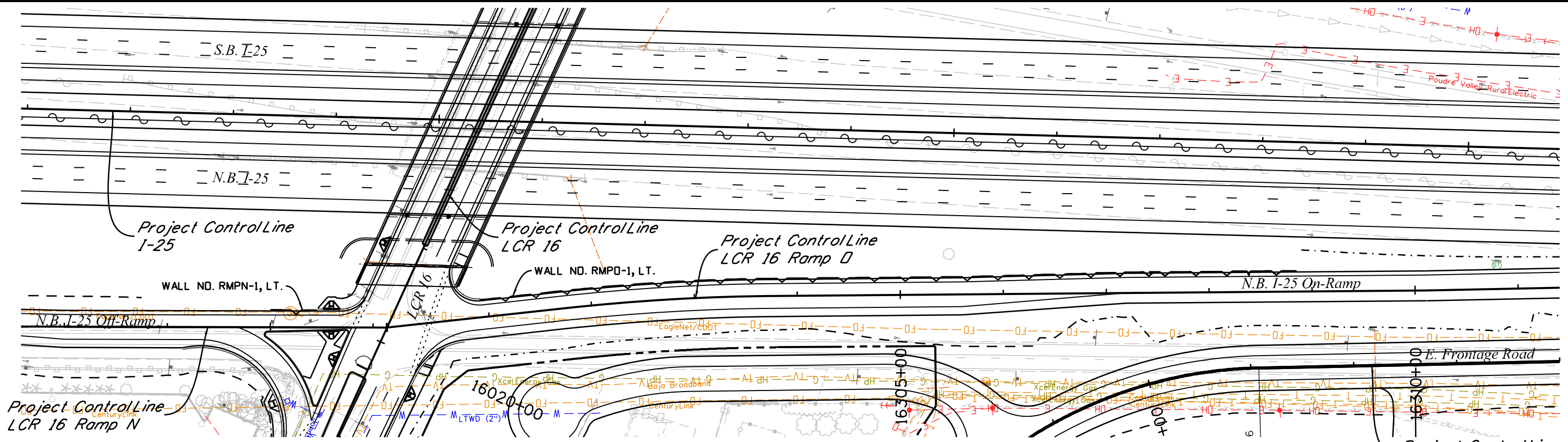
Colorado Department of Transportation

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 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed	I-25 FROM N/O SH 56 TO N/O SH 402
No Revisions:	RETAINING WALL PROFILES
Revised:	NO. RMPN-1, LT. & NO. LCR 16-1, RT.
Void:	

Designer:	EKS	Structure Numbers	
Detailer:	LMR	Sheet Subset:	WALLS
Sheet Subset: WALLS		Subset Sheets:	4 of 7

Project No./Code	IM 0253-220
Sheet Number	324

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 Unit Information Unit Leader Initials
MULLER
 ENGINEERING COMPANY

Sheet Revisions	
Date:	Comments
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Colorado Department of Transportation

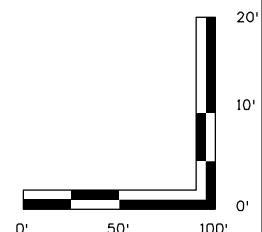
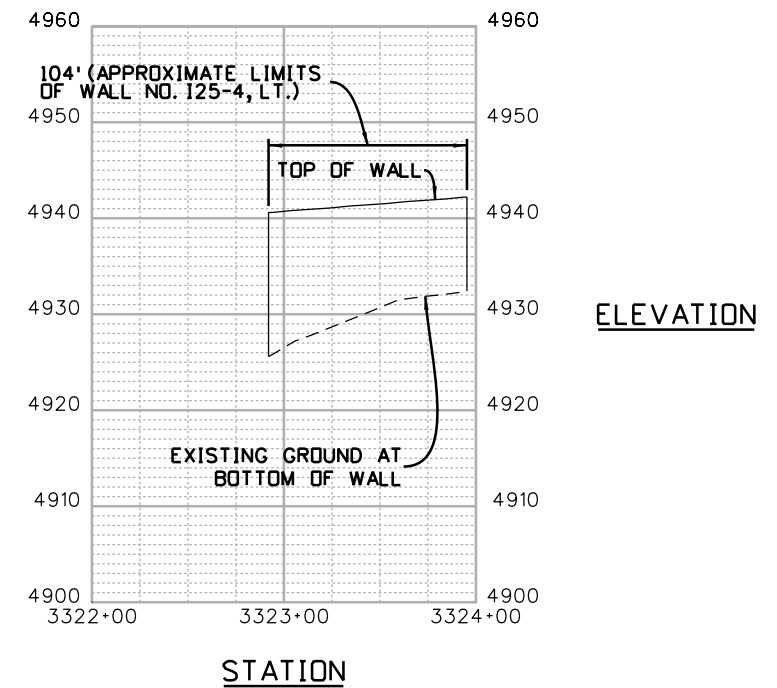
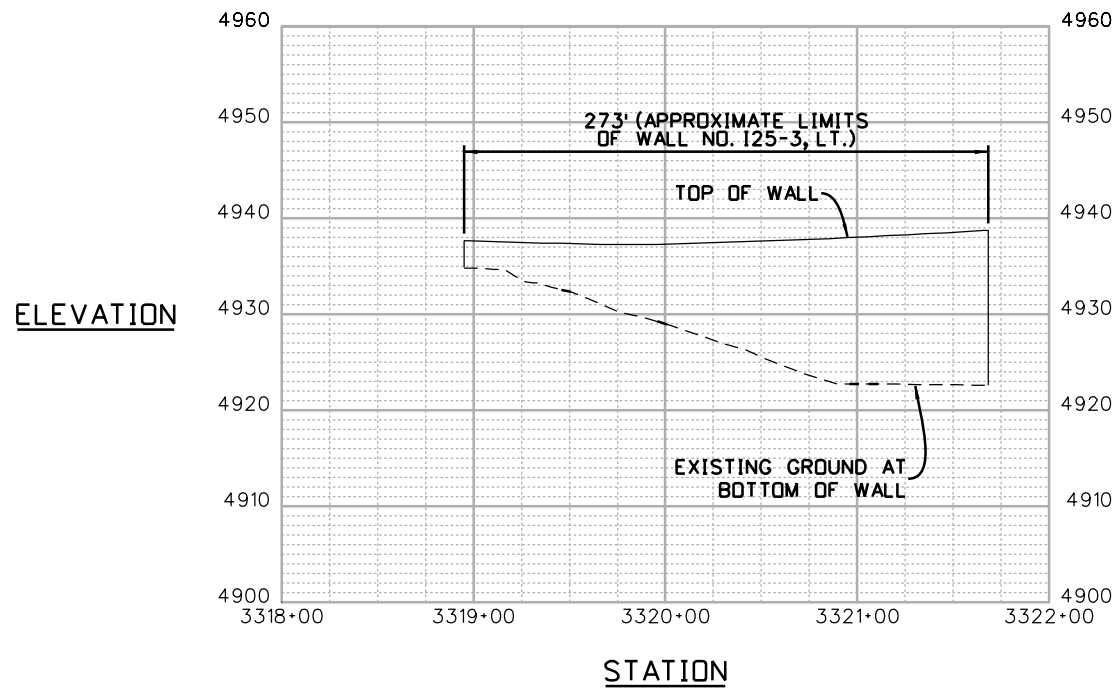
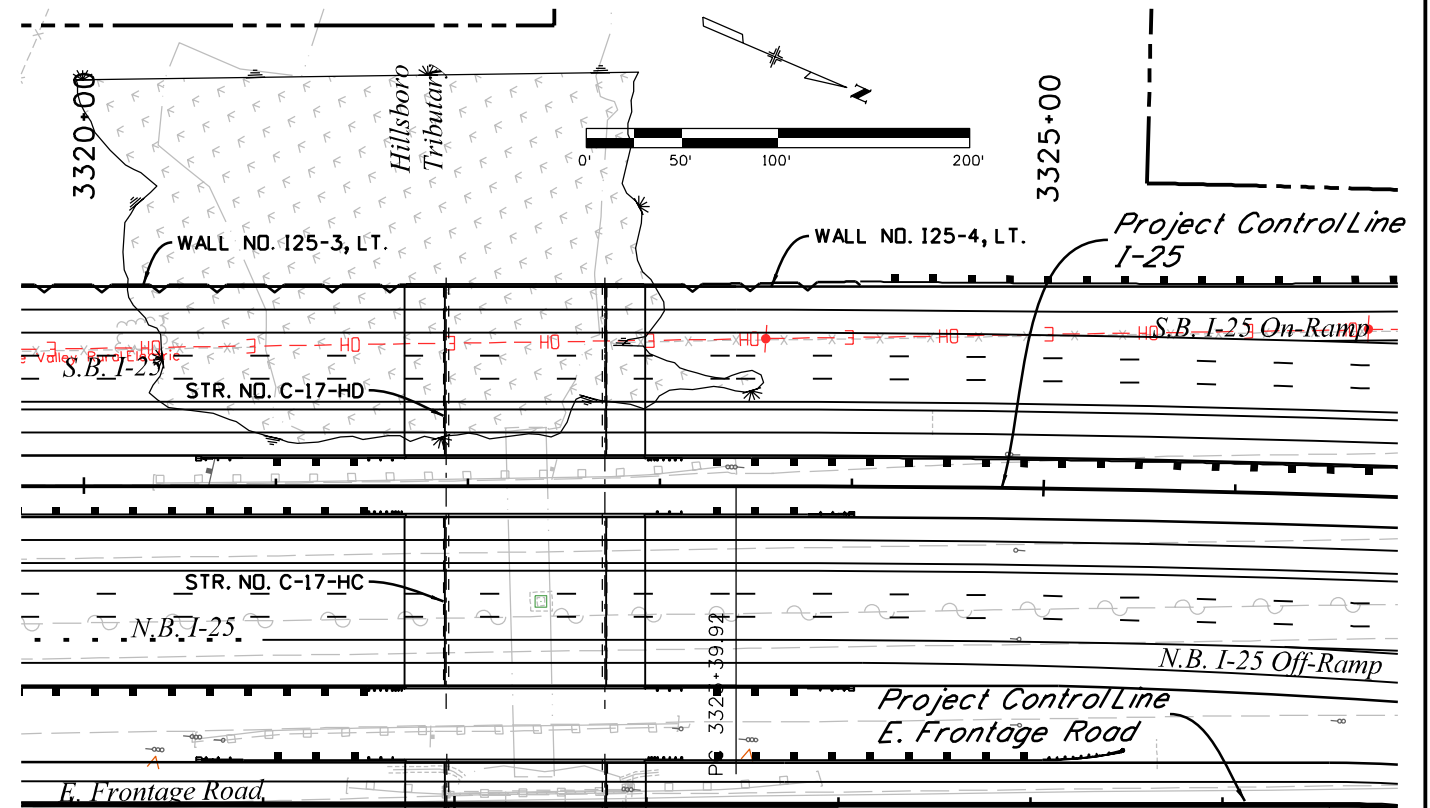
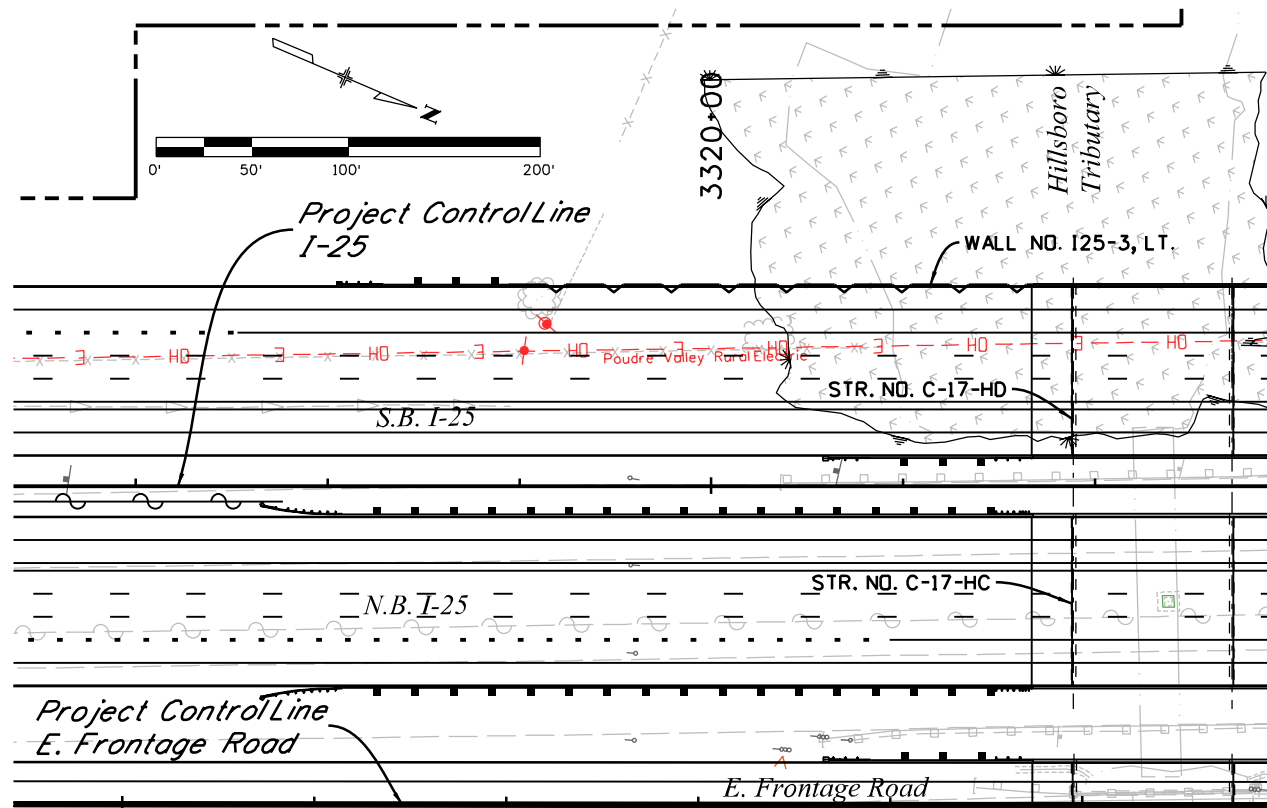
 10601 W. 10th Street
 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed
 No Revisions:
 Revised:
 Void:

**I-25 FROM N/O SH 56 TO N/O SH 402
 RETAINING WALL PROFILE
 NO. RMPD-1, LT.**
 Designer: EKS
 Detailer: LMR
 Sheet Subset: WALLS Subset Sheets: 5 of 7


Project No./Code
 IM 0253-220
 18319
Sheet Number 325

Leah 3:53:50 PM P:\12-003.01 I-25 SH 66 to SH 56 - CDDT R-4\18319\Ultimate\Bridges\Drawings\I-25 Segment 6\18319BRDG_I25-WALL_06.dgn
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Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

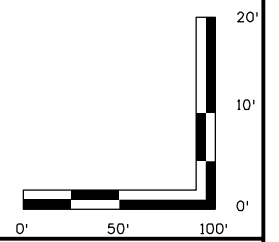
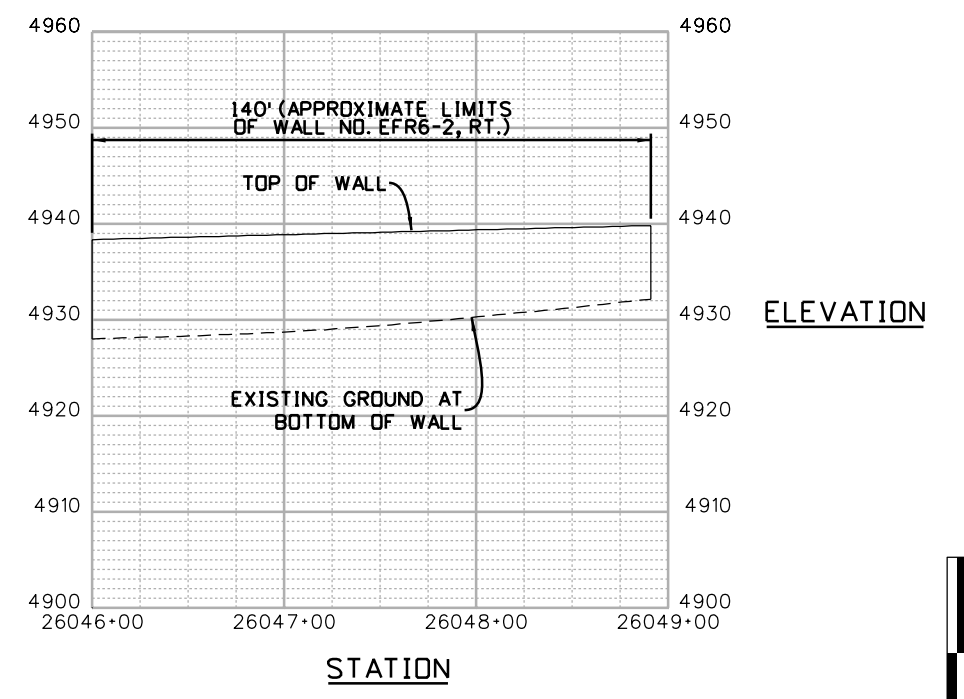
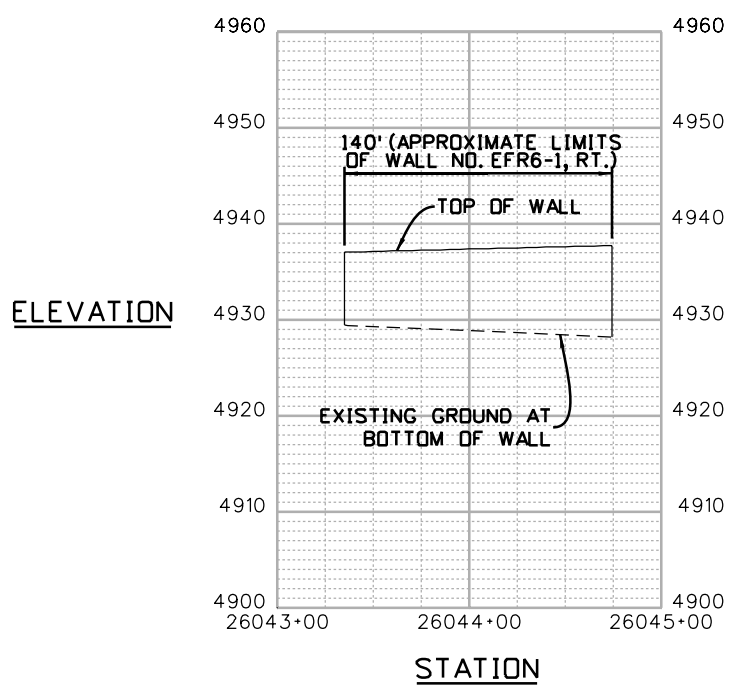
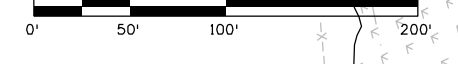
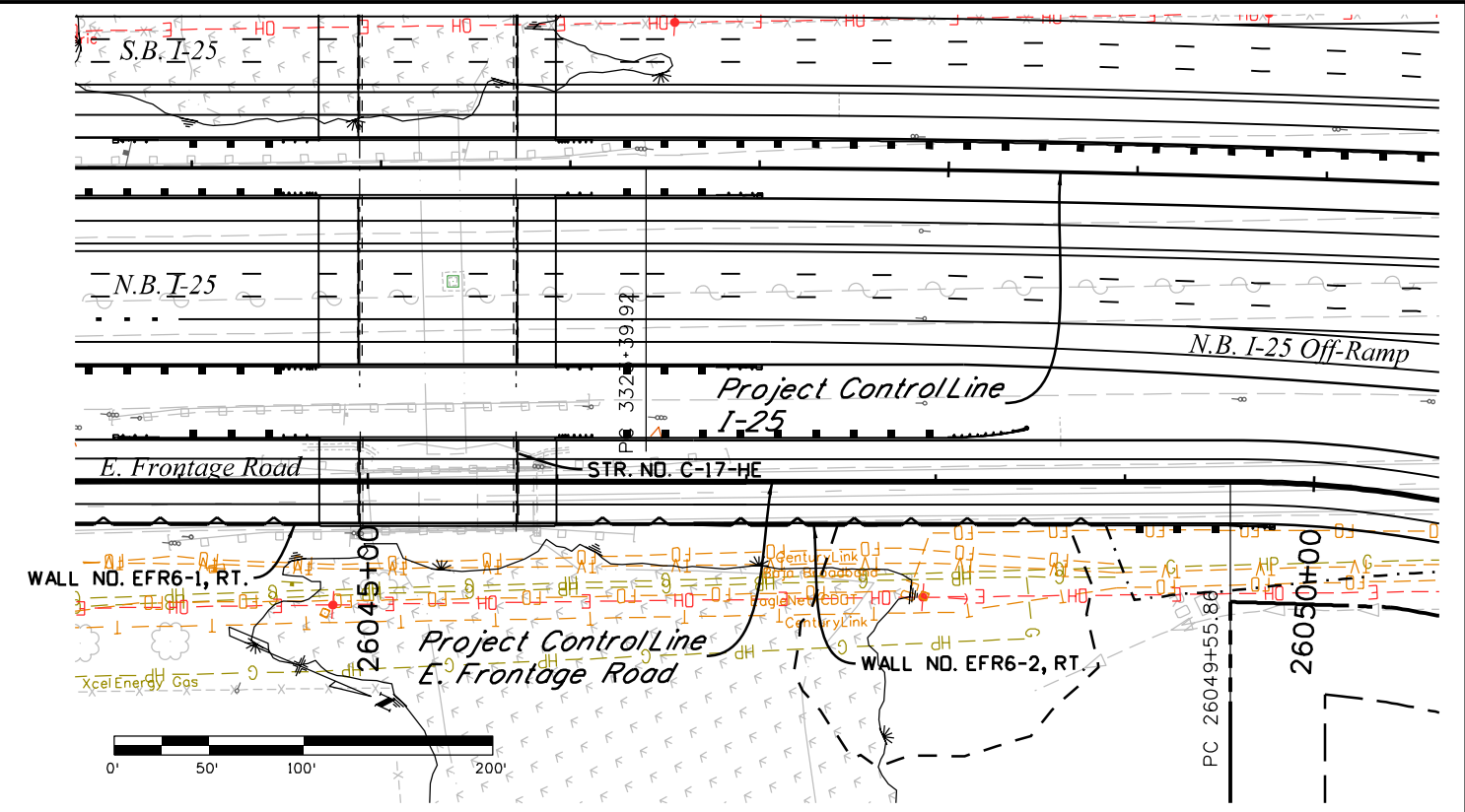
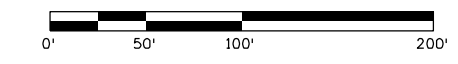
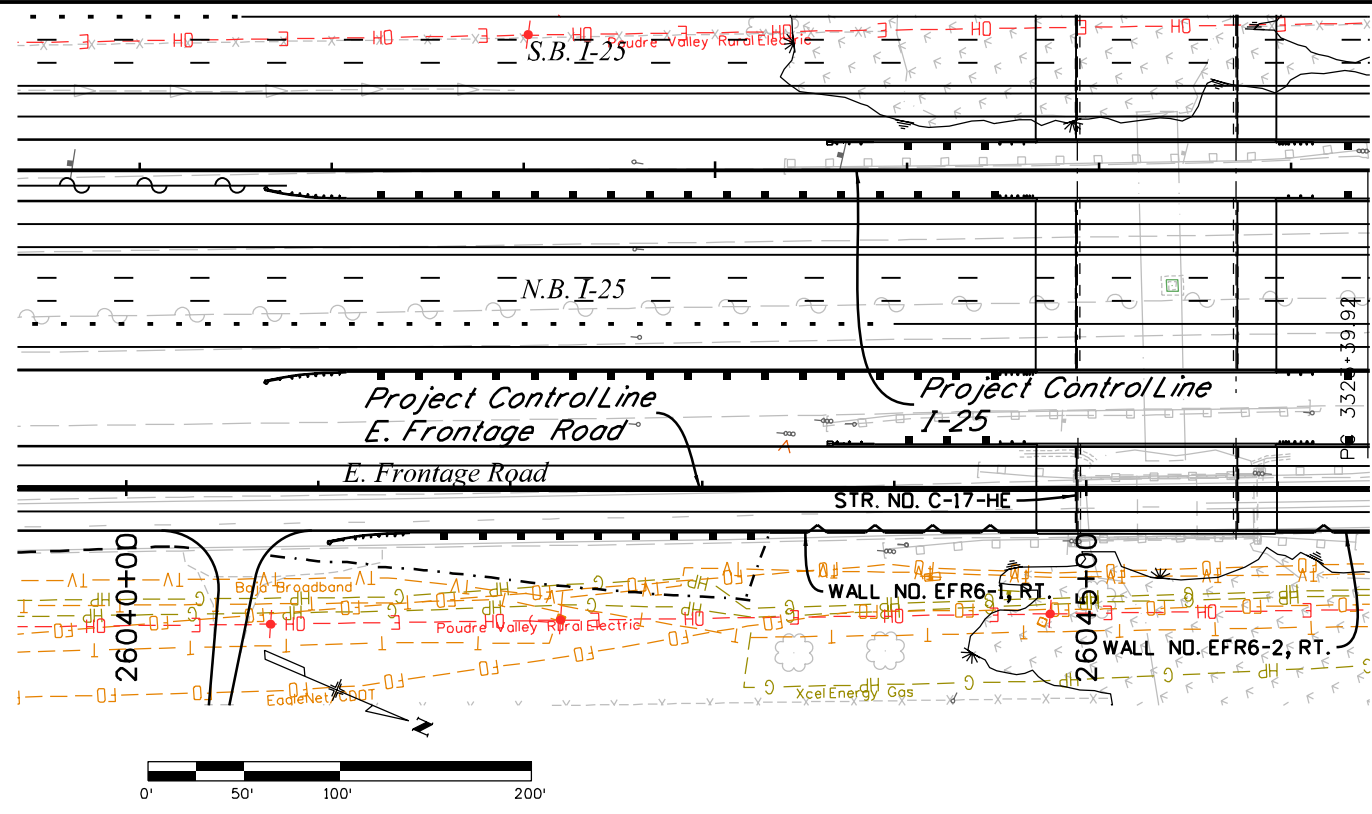
Sheet Revisions	
Date:	Comments
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Colorado Department of Transportation

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 Greeley, CO 80634
 Phone: 970-350-2322 FAX: 970-350-2181
 Region 4 CJB

As Constructed	I-25 FROM N/O SH 56 TO N/O SH 402
No Revisions:	RETAINING WALL PROFILES
Revised:	NO. 125-3, LT. & NO. 125-4, LT.
Void:	Designer: EKS Structure Numbers
	Detailer: LMR
	Sheet Subset: WALLS Subset Sheets: 6 of 7


Project No./Code	
IM 0253-220	
18319	
Sheet Number	326

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Print Date: 12/12/2016	
Drawing File Name: 18319BRDG-I25-WALL_07.dgn	
Horiz. Scale: 1:100	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions	
Date:	Comments
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As Constructed	I-25 FROM N/O SH 56 TO N/O SH 402	
No Revisions:	RETAINING WALL PROFILES	
Revised:	NO. EFR6-1, RT. & EFR6-2, RT.	
Void:	Designer: EKS	Structure Numbers:
	Detailer: LMR	
	Sheet Subset: WALLS	Subset Sheets: 7 of 7

Project No./Code	IM 0253-220
Sheet Number	327