

OVERSIGHT / NHS

FHWA FULL OVERSIGHT?

YES ☐ NO ☒

NATIONAL HIGHWAY SYSTEM:

YES ☒ NO ☐

DEPARTMENT OF TRANSPORTATION

STATE OF COLORADO

Related Projects:

P. E. UNDER PROJECT:

Project Number NH 2871-030

Project Code 13289

R.O.W. Projects:

R.O.W. Project Description

N/A

INDEX OF SHEETS

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TABULATION OF LENGTH & DESIGN DATA

STATION	WHITE TOPPING	RECON-STRUCTION	MAJOR STRUCTURE	NO PAVING SECTION
	FEET	FEET	FEET	FEET
STA. 2024+00 - STR. N-26-D STA. 2108+50 - STR. N-26-P STA. 2116+50 - STR. N-26-Q STA. 2145+00 - BEGIN CONSTRUCTION NH 2871-030			159 130 123	
STA. 2147+00 - END RECONSTRUCTION	6,900	200		
STA. 2216+00 - BEGIN RECONSTRUCTION		720		
STA. 2223+20 - END RECONSTRUCTION	1,420			
STA. 2237+40 - BEGIN RECONSTRUCTION		420		
STA. 2241+60 - END RECONSTRUCTION STA. 2242+50 - STR. N-26-R STA. 2243+20 - BEGIN RECONSTRUCTION		300	143	
STA. 2246+20 - END RECONSTRUCTION STA. 2312+30 - STR. N-26-G (PROPOSED) STA. 2313+60 - BEGIN RECONSTRUCTION	6,740	430	33	
STA. 2317+90 - END RECONSTRUCTION	8,730			
STA. 2405+20 - BEGIN RECONSTRUCTION		2,000		
STA. 2425+20 - END RECONSTRUCTION	680			
STA. 2432+00 - BEGIN RECONSTRUCTION		200		
STA. 2434+00 - END RECONSTRUCTION, BEGIN NO PAVING STA. 2455+50 - STR. N-26-T STA. 2473+00 - END NO PAVING, BEGIN RECONSTRUCTION		200	392	3,900
STA. 2475+00 - END RECONSTRUCTION STA. 2626+00 - STR. N-26-S STA. 2654+00 - BEGIN RECONSTRUCTION	17,900		52	
STA. 2662+60 - END RECONSTRUCTION	200	860		
STA. 2664+60 - BEGIN RECONSTRUCTION		1,120		
STA. 2675+80 - END RECONSTRUCTION	5,980			
STA. 2735+60 - BEGIN RECONSTRUCTION		200		
STA. 2737+60 - END RECONSTRUCTION, END PROJECT				
TOTAL	48,550	6,650	1,032	3,900

HIGHWAY CONSTRUCTION BID PLANS OF PROPOSED

FEDERAL AID PROJECT NO. NH 2871-030

STATE HIGHWAY NO. 287

BACA AND PROWERS COUNTIES

CONSTRUCTION PROJECT CODE NO. 13289

SCALES OF ORIGINAL DRAWINGS

ON PLAN1 inch = 50 feet

ON PROFILE1 inch = 50 feet HORIZONTAL
1 inch = 10 feet VERTICAL

END PROJECT NH 2871-030
STA. 2737+60 = M.P. 52.0
= STA. 83+442.45 ON PROJECT NH 2871-028

BEGIN CONCRETE PAVING
STA. 2473+00 = M.P. 46.837

END CONCRETE PAVING
STA. 2434+00 = M.P. 46.098

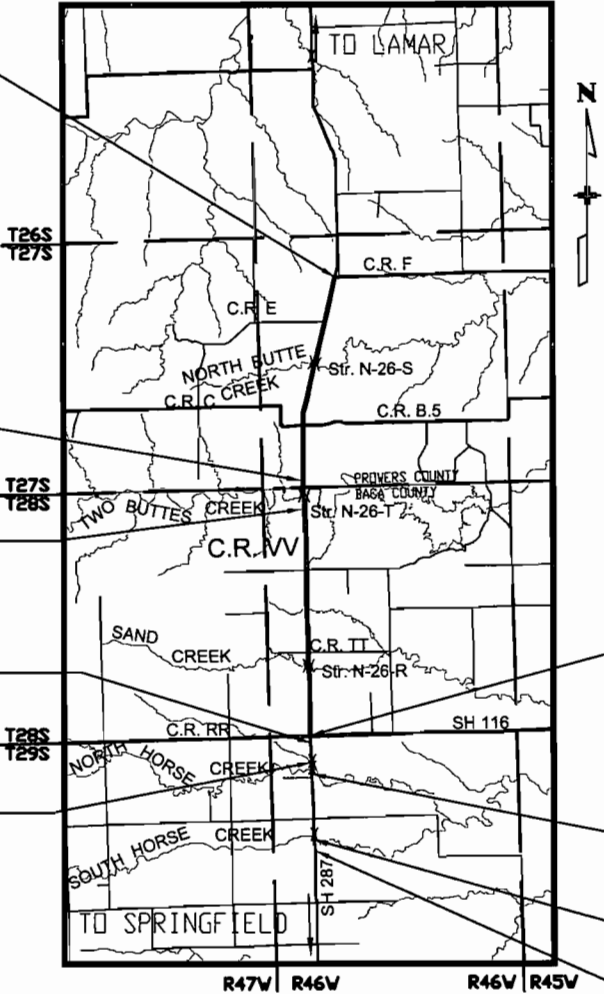
BEGIN WIDENING
STA. 2129+20 = M.P. 40.33

STR. N-26-Q
STA. 2116+50 = M.P. 40.09

BEGIN CONCRETE PAVING
STA. 2145+00 = M.P. 40.6
= STA. 65+380 ON PROJECT SP 2871-027

STR. N-26-P
STA. 2108+50 = M.P. 39.93

STR. N-26-O
STA. 2024+00 = M.P. 38.33
BEGIN PROJECT NH 2871-030
STA. 2006+40 = M.P. 38.0



SUMMARY		Feet
ROADWAY NET LENGTH		55,216.77
PROJECT GROSS LENGTH		59,259.77

DESIGN DATA		
MAXIMUM DEGREE OF CURVE	=	1° 00' 00"
MAXIMUM GRADE	=	+4.00%
MINIMUM SSD VERTICAL	=	625 feet
MINIMUM SSD HORIZONTAL	=	>625 feet
MAXIMUM DESIGN SPEED	=	70 mph
CLEAR ZONE DISTANCE	=	34 ft
DESIGN TRAFFIC VOLUME:	2000	2033
AADT	2,069	3,073
DHV	227	228
TRUCK %	71	72

Computer File Information

Creation Date: 1/23/01

Initials: CBC

Last Modification Date: 03/08/06

Initials: CBC

Full Path: C:\Projects\116-North\Plan Sheets

Drawing File Name: Title.dwg

Acad Ver: 2004

Scale: NTS

Units: English

Index of Revisions

Colorado Department of Transportation

2402 South Main
Lamar, CO 81052
Phone: 719-336-3228 FAX: 719-336-4101

Region 2

PAW

As Constructed

No Revisions:

Revised:

Void:

Contract Information

Contractor:

Resident Engineer:

Project Engineer:

PROJECT STARTED: / / ACCEPTED: / /

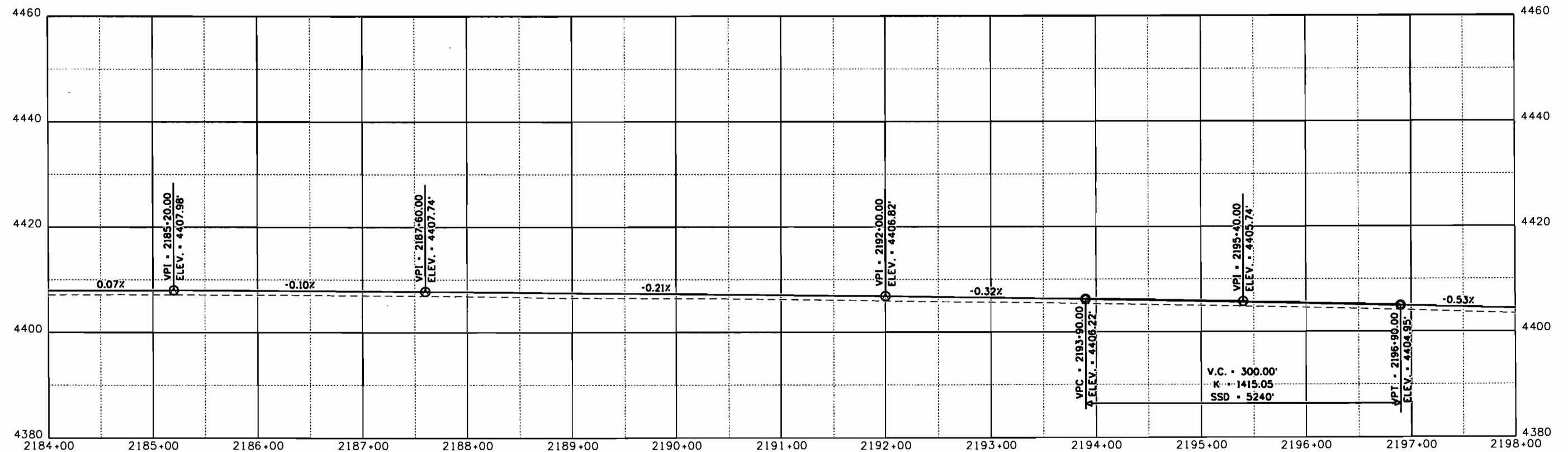
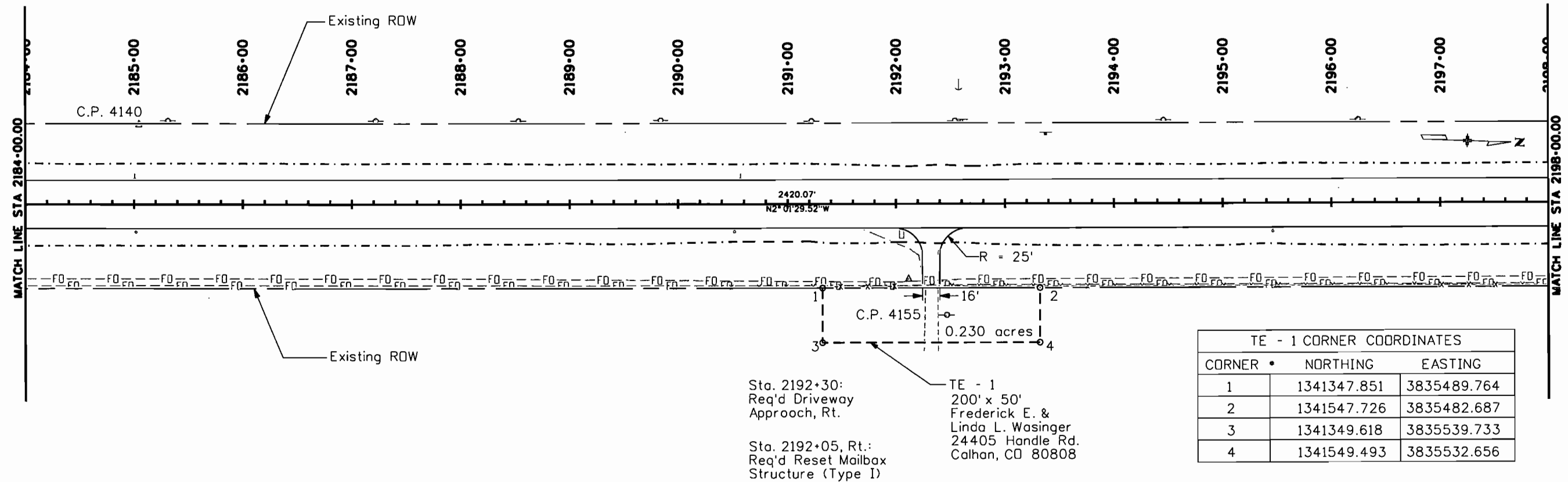
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Project No./Code

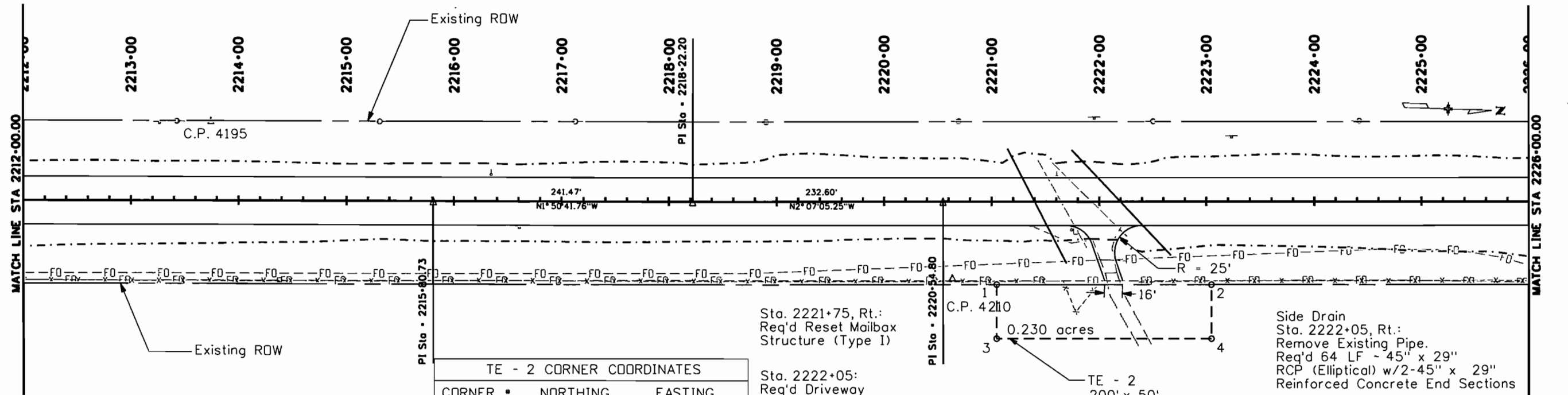
NH 2871-030

13289

Sheet Number 1



Print Date: 3/31/2006		Sheet Revisions Date: Comments: Init.:		Colorado Department of Transportation 2402 South Main Lamar, CO 81052 Phone: 719-336-3228 FAX: 719-336-4101 Region 2		As Constructed No Revisions:		PLAN AND PROFILE		Project No./Code	
Drawing File Name: PW File Name										NH 2871-030	
Horiz. Scale: 1:100 Vert. Scale: As Noted										13289	
Design/Construction Unit Unit Leader PAW										Sheet Number 27	



TE - 2 CORNER COORDINATES		
CORNER	NORTHING	EASTING
1	1344318.623	3835386.190
2	1344518.504	3835379.293
3	1344320.347	3835436.160
4	1344520.228	3835429.263

Sta. 2221+75, Rt.:
Req'd Reset Mailbox
Structure (Type I)

Sta. 2222+05:
Req'd Driveway
Approach, Rt.

Sta. 2221+40:
Req'd 98 LF ~ 24" RCP
w/Pipe Safety End Treatments Lt. and Rt.

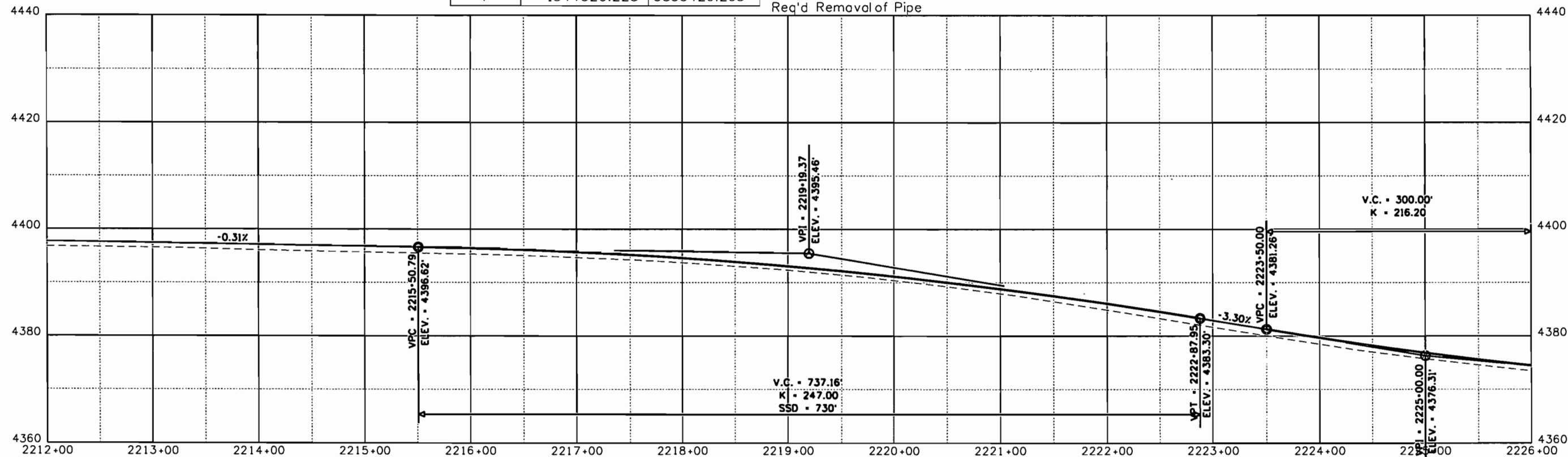
Sta. 2221+64:
Req'd Removal of Pipe

TE - 2
200' x 50'
William A. Bunting
40340 Hwy 287
Springfield, CO 81073
(719) 523-4824

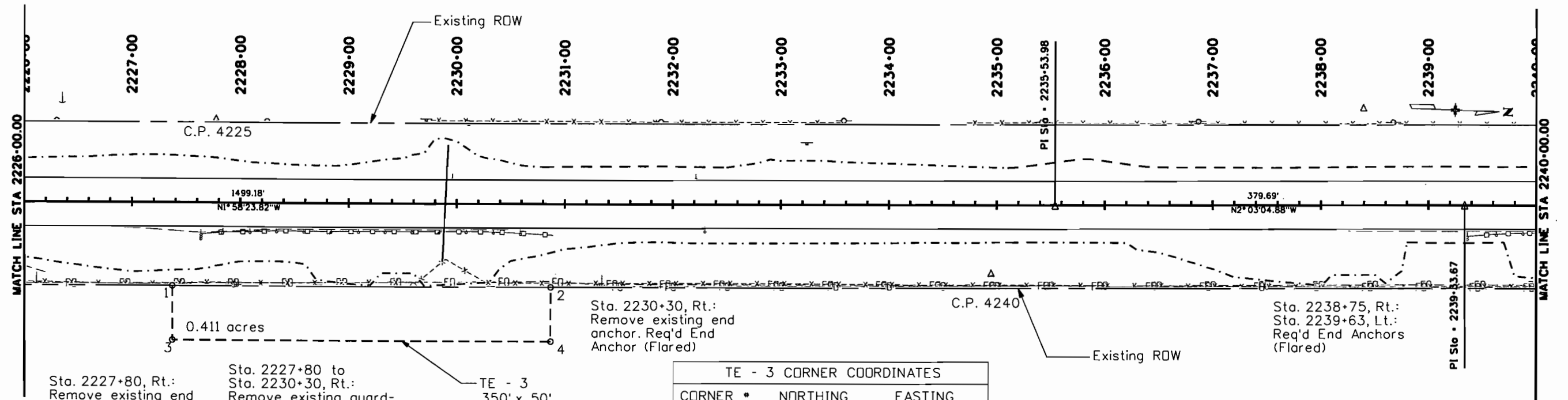
Side Drain
Sta. 2222+05, Rt.:
Remove Existing Pipe.
Req'd 64 LF ~ 45" x 29"
RCP (Elliptical) w/2-45" x 29"
Reinforced Concrete End Sections

Sta. 2222+20:
Req'd 104 LF ~ 30" RCP
w/Pipe Safety End Treatments Lt. and Rt.

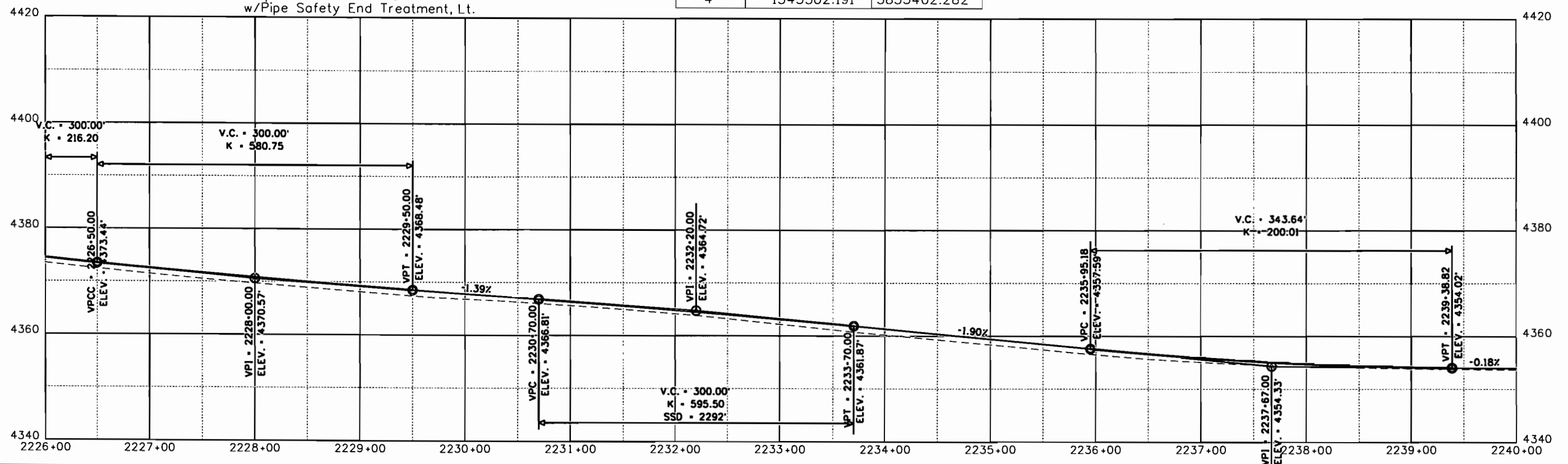
Sta. 2221+93:
Req'd Removal of Pipe



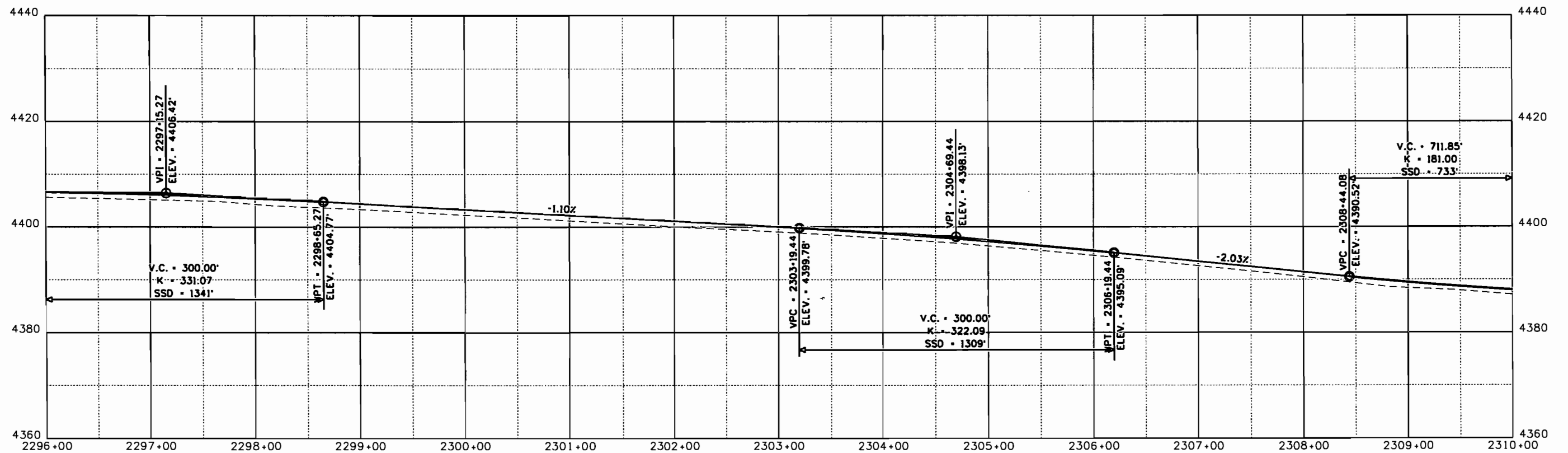
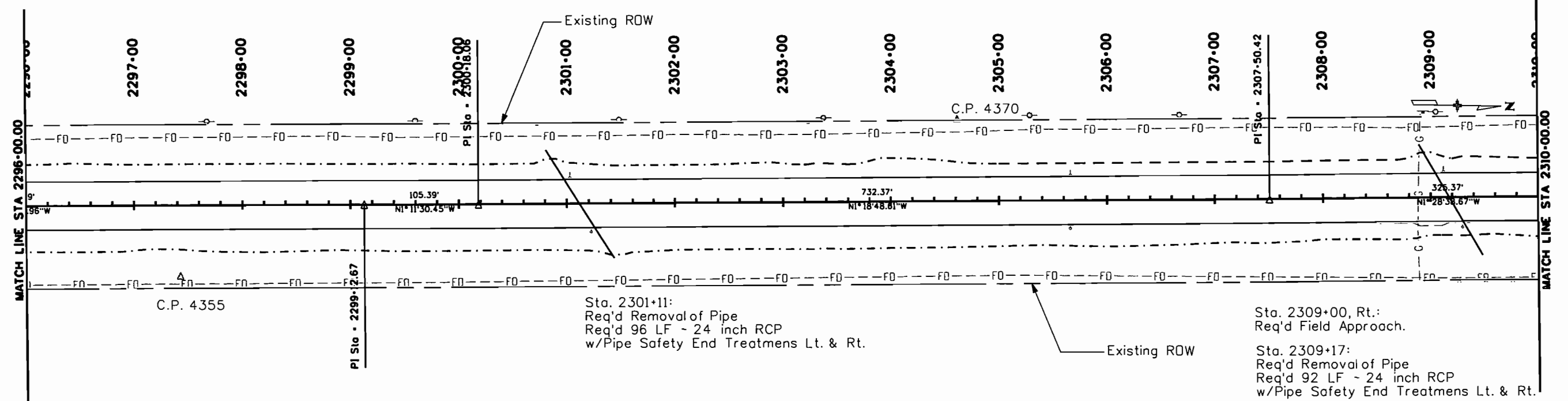
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Date:	Comments			Init.																	
Drawing File Name: PW File Name Horiz. Scale: 1"=100 Vert. Scale: As Noted Design/Construction Unit: Unit Leader PAW																					
Colorado Department of Transportation 2402 South Main Lamar, CO 81052 Phone: 719-336-3228 FAX: 719-336-4101 Region 2 PAW		Subsets: 6 of 43																			



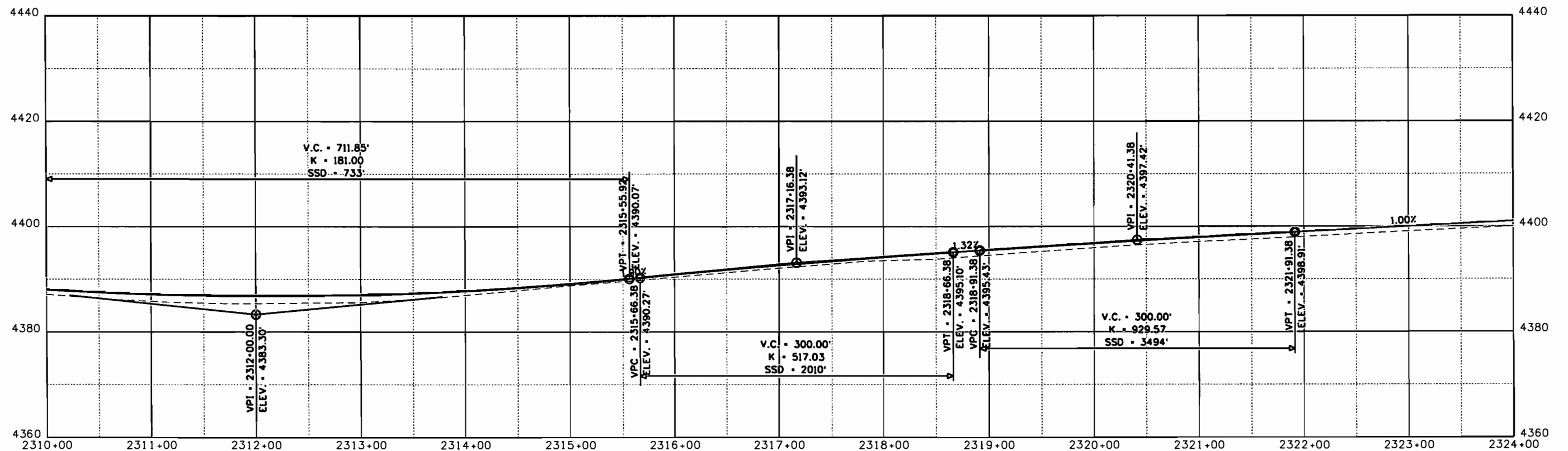
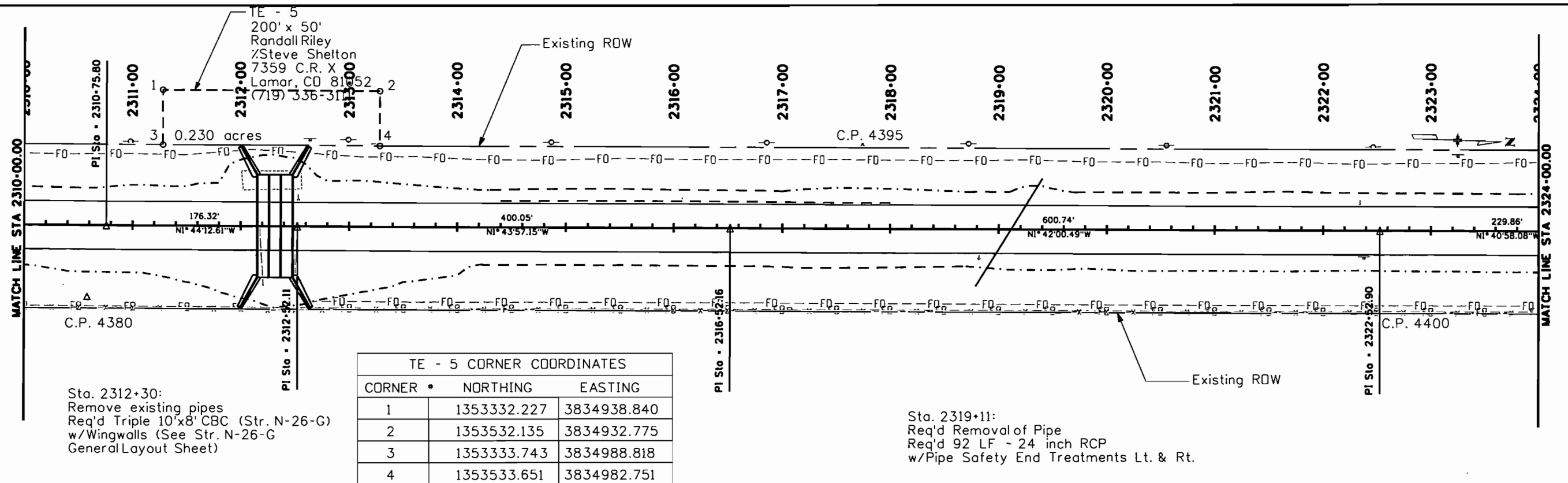
TE - 3 CORNER COORDINATES		
CORNER #	NORTHING	EASTING
1	1344950.675	3835364.381
2	1345300.467	3835352.311
3	1344952.399	3835414.351
4	1345302.191	3835402.282



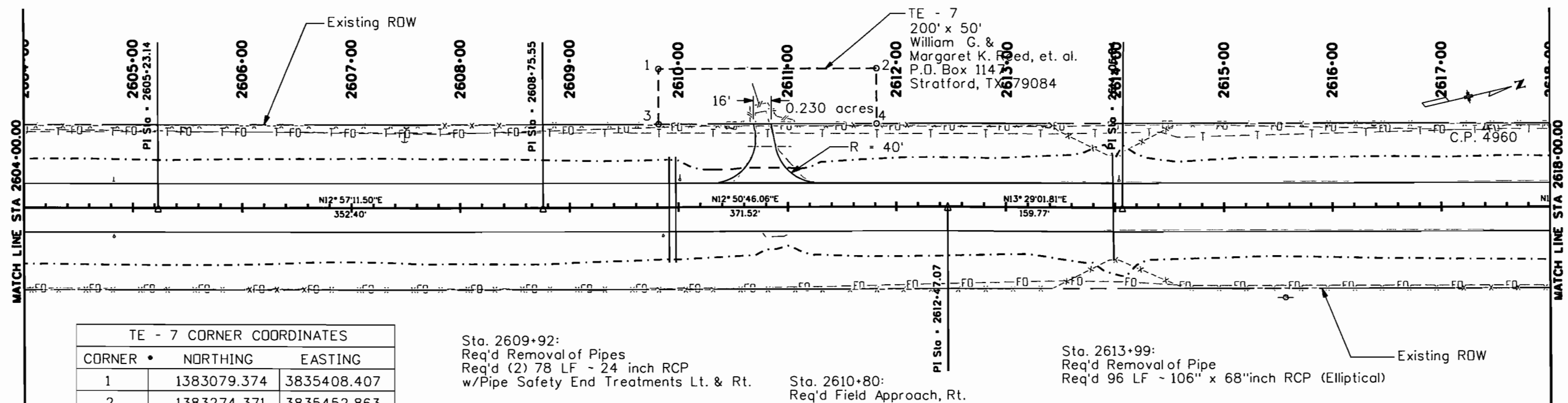
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Date:	Comments			Init.																	
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Colorado Department of Transportation 2402 South Main Lamar, CO 81052 Phone: 719-336-3228 FAX: 719-336-4101 Region 2		PAW																			



Print Date: 3/31/2006		0000	Sheet Revisions			Colorado Department of Transportation		As Constructed		PLAN AND PROFILE			Project No./Code	
Drawing File Name: PW File Name			Date:	Comments	Init.	 2402 South Main Lamar, CO 81052 Phone: 719-336-3228 FAX: 719-336-4101 Region 2 PAW	No Revisions:		NH 2871-030					
Horiz. Scale: 1:100 Vert. Scale: As Noted			3/06	Deleted TE-4, TE-6	CBC		Revised:		Designer: CBC	Structure	13289			
Design/Construction Unit Unit Leader PAW							Void:		Detailer: CBC	Numbers				
									Sheet Subset: P & P	Subset Sheets: 12 of 43	Sheet Number 35			



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Date:	Comments			Init.													
3/06	Deleted TE-6	CBC															
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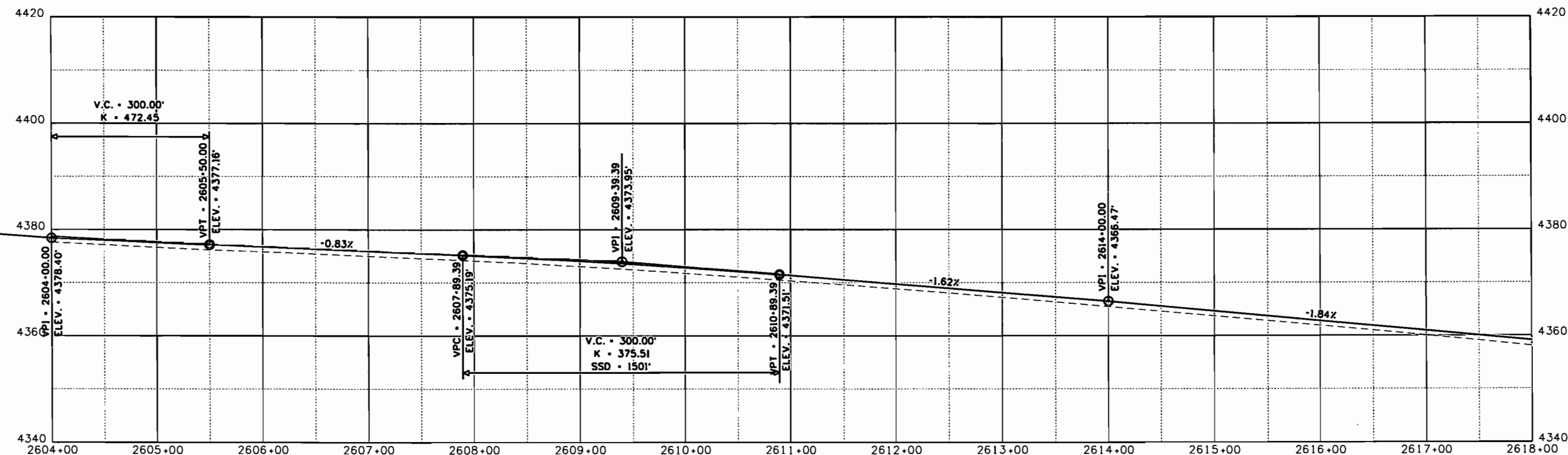
TE - 7 CORNER COORDINATES		
CORNER •	NORTHING	EASTING
1	1383079.374	3835408.407
2	1383274.371	3835452.863
3	1383068.260	3835457.156
4	1383263.257	3835501.612

Sta. 2609+92:
Req'd Removal of Pipes
Req'd (2) 78 LF ~ 24 inch RCP
w/Pipe Safety End Treatments Lt. & Rt.

Sta. 2610+80:
Req'd Field Approach, Rt.
Req'd Driveway Approach, Lt.

Side Drain
Sta. 2610+80, Lt.:
Req'd Removal of Pipe
Req'd 40 LF ~ 24 inch CSP

Sta. 2613+99:
Req'd Removal of Pipe
Req'd 96 LF ~ 106" x 68" inch RCP (Elliptical)



Print Date: 3/31/2006
Drawing File Name: PW File Name
Horiz. Scale: 1:100 Vert. Scale: As Noted
Design/Construction Unit Unit Leader PAW

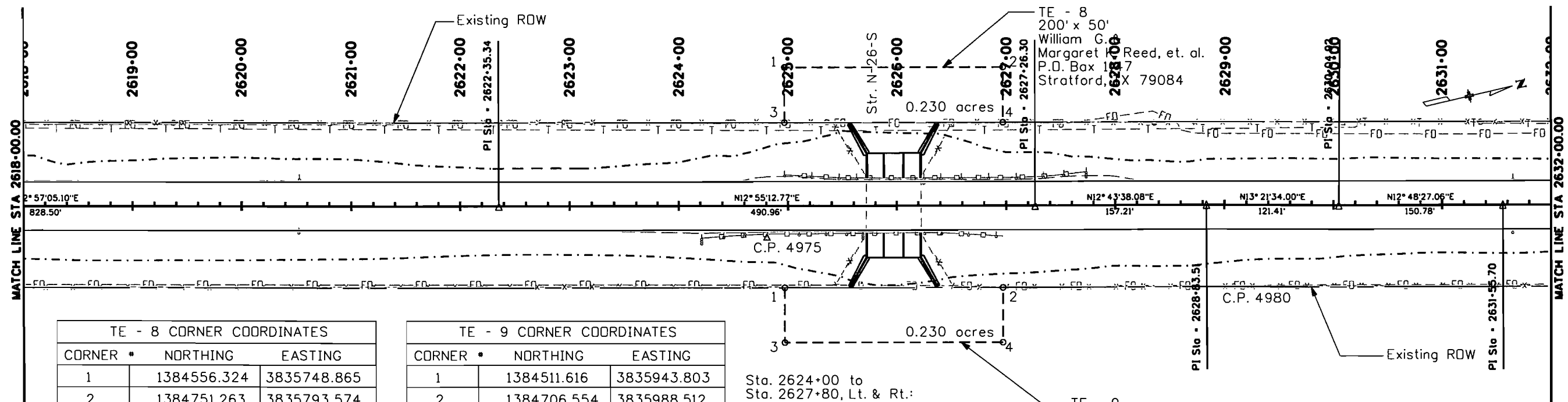
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Date:	Comments	Init.

Colorado Department of Transportation
2402 South Main
Lamar, CO 81052
Phone: 719-336-3228 FAX: 719-336-4101
Region 2 PAW

As Constructed
No Revisions:
Revised:
Void:

PLAN AND PROFILE
Designer: CBC
Detailer: CBC
Sheet Subset: P & P
Structure Numbers
Subset Sheets: 34 of 43

Project No./Code
NH 2871-030
13289
Sheet Number 57



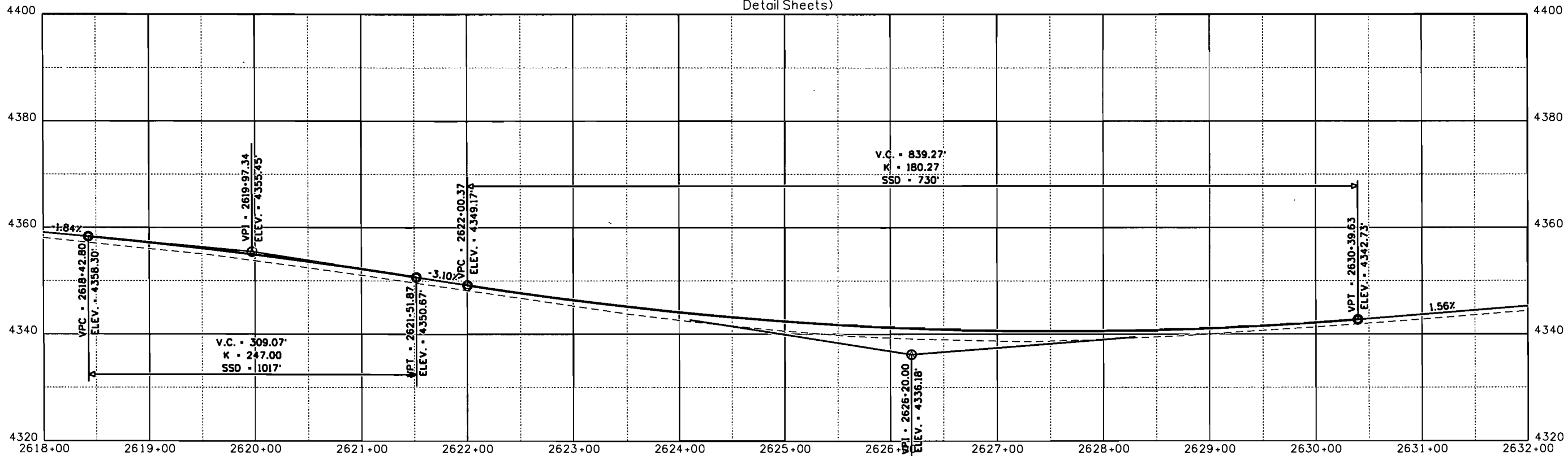
TE - 8 CORNER COORDINATES		
CORNER #	NORTHING	EASTING
1	1384556.324	3835748.865
2	1384751.263	3835793.574
3	1384545.147	3835797.600
4	1384740.086	3835842.309

TE - 9 CORNER COORDINATES		
CORNER #	NORTHING	EASTING
1	1384511.616	3835943.803
2	1384706.554	3835988.512
3	1384500.438	3835992.538
4	1384695.377	3836037.247

Sta. 2624+00 to Sta. 2627+80, Lt. & Rt.:
Remove all existing guardrail and end anchors

Sta. 2626+00: Extend existing 3-Cell CBC (Str. N-26-S) 35 ft right and 35 ft left with wingwalls (see Structure Detail Sheets)

TE - 9
200' x 50'
William G. & Margaret K. Reed, et. al.
P.O. Box 1147
Stratford, TX 79084



Print Date: 3/31/2006	
Drawing File Name:	PW File Name
Horiz. Scale: 1"=100'	Vert. Scale: As Noted
Design/Construction Unit	Unit Leader PAW

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

2402 South Main
Lamar, CO 81052
Phone: 719-336-3228 FAX: 719-336-4101

Region 2 PAW

As Constructed	
No Revisions:	
Revised:	
Void:	

PLAN AND PROFILE			
Designer:	CBC	Structure	
Detailer:	CBC	Numbers	
Sheet Subset:	P & P	Subset Sheets:	35 of 43

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NH 2871-030	
13289	
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