

TABULATION OF LENGTH

STATION	FEET	
	ROADWAY	MAJOR STRUCTURE
244+50 BEGIN C 0252-316	11,844.75	
362+94.75 BEGIN STRUCTURE NO. I-17-LX		208.27
365+03.02 END STRUCTURE NO. I-17-LX	10,307.36	
468+10.38 BEGIN STRUCTURE NO. I-17-FJ		994.95
478+05.33 END STRUCTURE NO. I-17-FJ	6,294.52	
540+99.85 BEGIN STRUCTURE NO. X-XX-XX		442.62
545+42.47 END STRUCTURE NO. X-XX-XX	1,471.53	
560+14.00 BEGIN STRUCTURE NO. X-XX-XX		230.50
562+44.50 END STRUCTURE NO. X-XX-XX	6,613.41	
628+57.91 BEGIN STRUCTURE NO. I-17-LR(NB), I-17-LS(SB)		235.50
630+93.41 END STRUCTURE NO. I-17-LR(NB), I-17-LS(SB)	3,503.29	
665+96.70 BEGIN STRUCTURE NO. I-17-LT(NB), I-17-LU(SB)		209.05
668+05.75 END STRUCTURE NO. I-17-LT(NB), I-17-LU(SB)	8,497.00	
753+02.75 BEGIN STRUCTURE NO. I-17-DP(NB), I-17-DZ(SB)		155.75
754+58.50 END STRUCTURE NO. I-17-DP(NB), I-17-DZ(SB)	4,621.25	
800+79.75 BEGIN STRUCTURE NO. I-17-JN		213.85
802+93.60 END STRUCTURE NO. I-17-JN	4,621.25	
ROCKRIMMON BEGIN STRUCTURE NO. X-XX-XX		213.85
ROCKRIMMON END STRUCTURE NO. X-XX-XX	8,497.00	
925+59.45 BEGIN STRUCTURE NO. I-17-GY(NB), I-17-HF(SB)		188.25
927+47.70 END STRUCTURE NO. I-17-GY(NB), I-17-HF(SB)	1,804.45	
945+52.15 BEGIN STRUCTURE NO. I-17-CD(NB), I-17-CE(SB)		229.70
947+81.85 END STRUCTURE NO. I-17-CD(NB), I-17-CE(SB)	1,908.62	
966+90.47 BEGIN STRUCTURE NO. I-17-GK(NB), I-17-GV(SB)		228.36
969+18.33 END STRUCTURE NO. I-17-GK(NB), I-17-GV(SB)	34,899.47	
1318+17.80 BEGIN STRUCTURE NO. X-XX-XX(NB)		164.00
1319+81.80 END STRUCTURE NO. X-XX-XX(NB)	(34,919.37)	
1318+37.70 BEGIN STRUCTURE NO. X-XX-XX(SB)		164.00
1320+01.70 END STRUCTURE NO. X-XX-XX(SB)	(29,298.30)	
1613+00 END C 0252-316		
TOTAL		
SUMMARY OF PROJECT LENGTH	FEET	MILES
ROADWAY NET LENGTH		
MAJOR STRUCTURE		
PROJECT GROSS LENGTH		

DEPARTMENT OF TRANSPORTATION STATE OF COLORADO

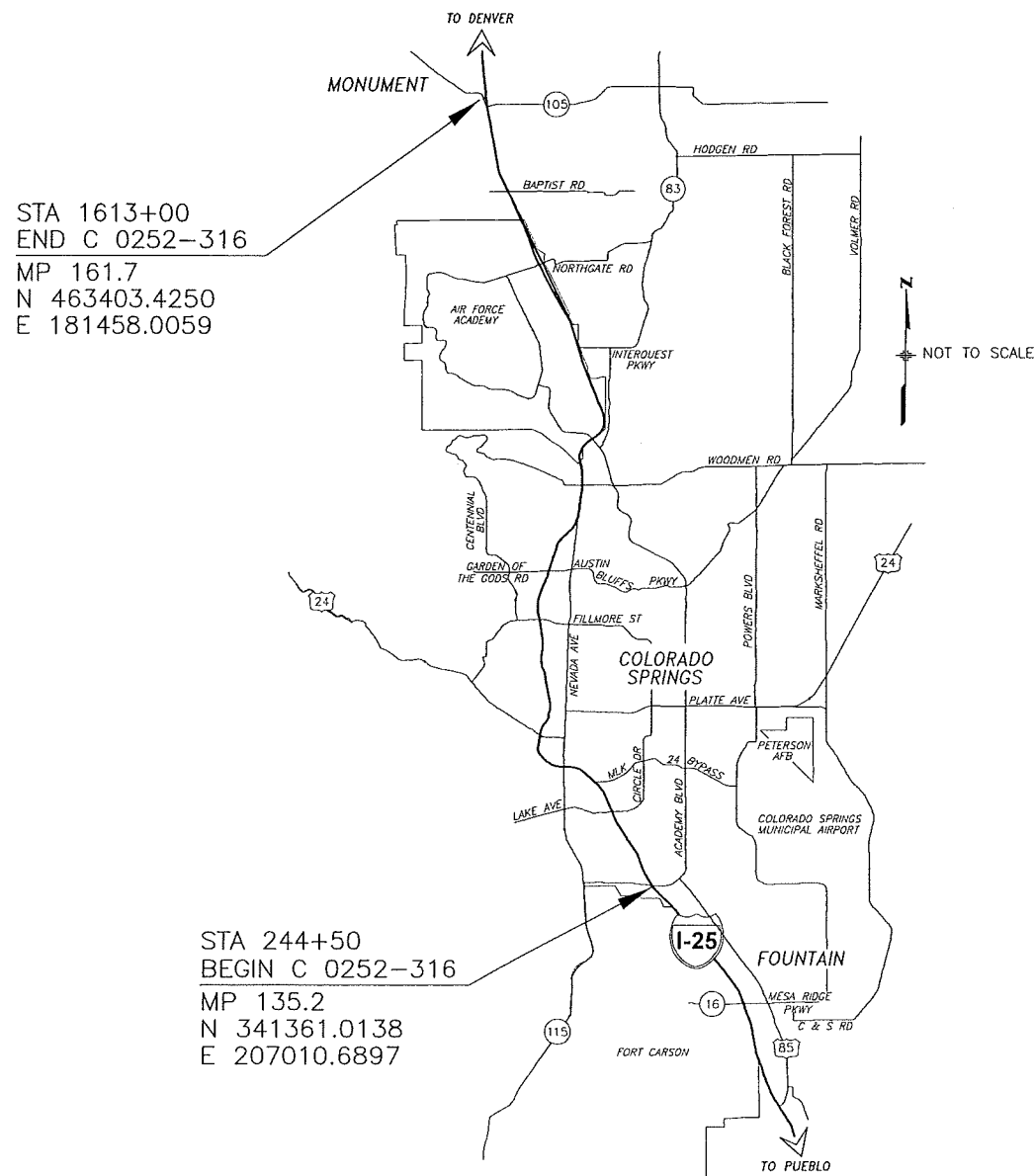
CONCEPTUAL DESIGN

PROJECT NO. C 0252-316

INTERSTATE HIGHWAY NO. 25 CORRIDOR

EL PASO COUNTY

STATE HIGHWAY 83 NORTH TO STATE HIGHWAY 105



I-25 EA CONCEPTUAL DESIGN

DRAFT CONCEPT PLANS
XX-XX-03

VOLUME 1

SHEET NO.	INDEX OF SHEETS
VOLUME 1	TITLE SHEET TABULATION OF LENGTH & DESIGN DATA PROJECT OVERVIEW LANEAGE DIAGRAM TYPICAL SECTIONS STRUCTURE CROSS SECTIONS PLANS
VOLUME 2	PROFILES

DESIGN DATA

DESIGN DATA		
MAXIMUM RADIUS OF CURVE		
MAXIMUM GRADE		
MINIMUM SSD HORIZONTAL		
MINIMUM SSD VERTICAL		
MAXIMUM DESIGN SPEED		
2025 DESIGN TRAFFIC		
DHV TRUCKS %		
CLEAR ZONE DISTANCE (TANGENT)		
CLEAR ZONE DISTANCE		

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Engineers & Architects

Computer File Information

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Sheet Revisions

Rev	Description

Colorado Department of Transportation



1480 Quail Lake Loop, Suite A
Colorado Springs, CO 80906
Phone: (719)634-2323 Fax: (719)227-3298

Region 2

JFF

As Constructed

No Revisions:

Revised:

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Detailer: DVD

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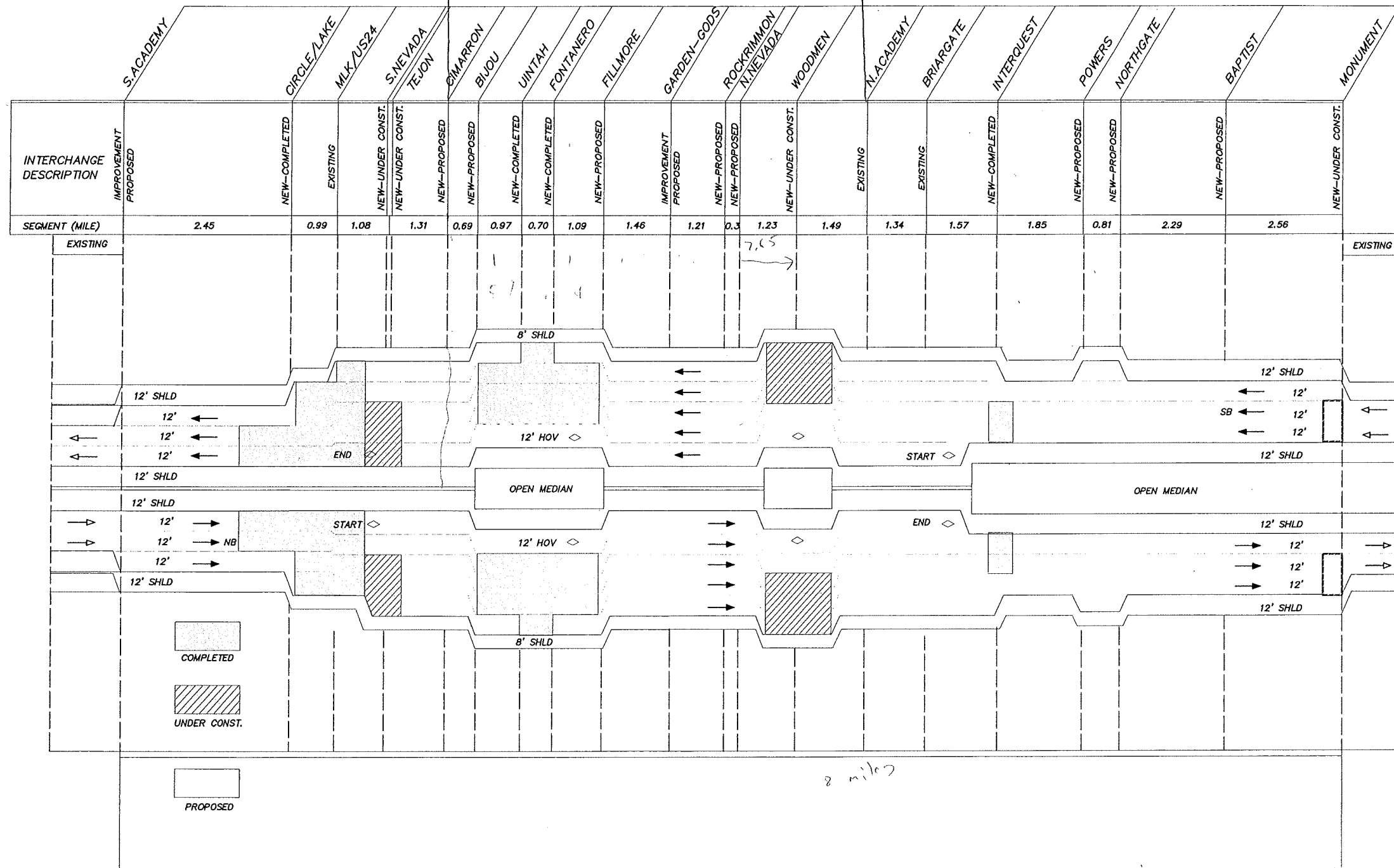
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C 0252-316

12210

Sheet Number

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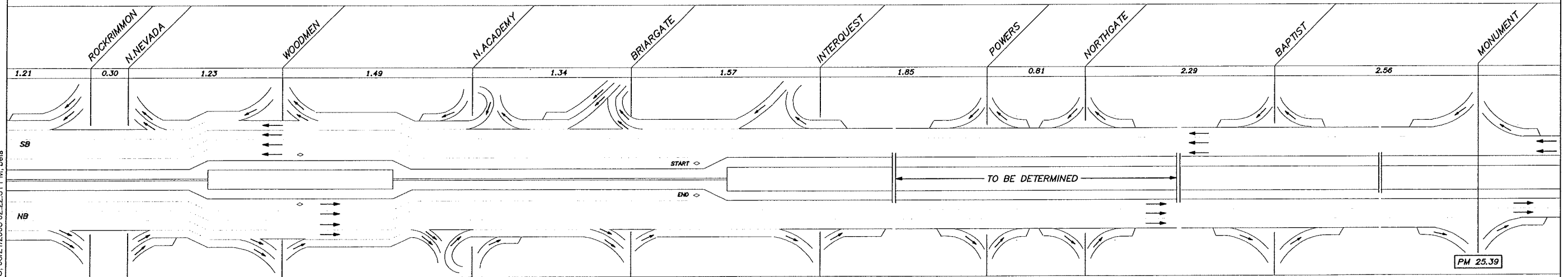
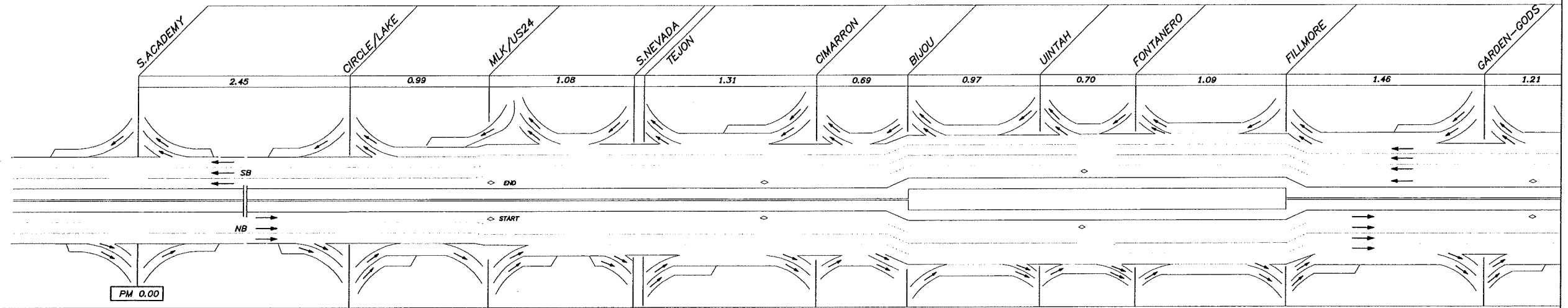


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I-25 COLORADO SPRINGS CORRIDOR



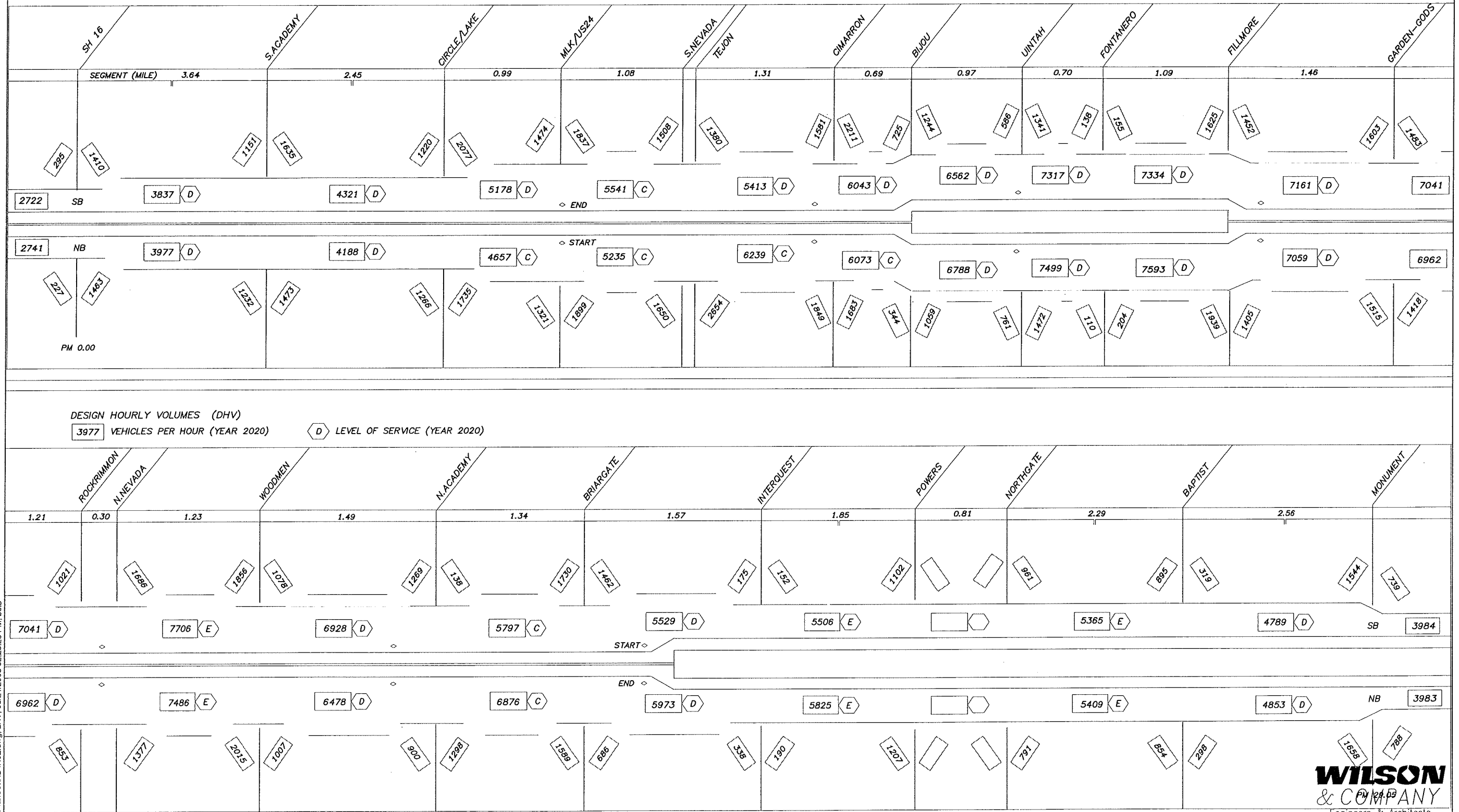
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I-25 COLORADO SPRINGS CORRIDOR

I-25 EA CONCEPTUAL DESIGN

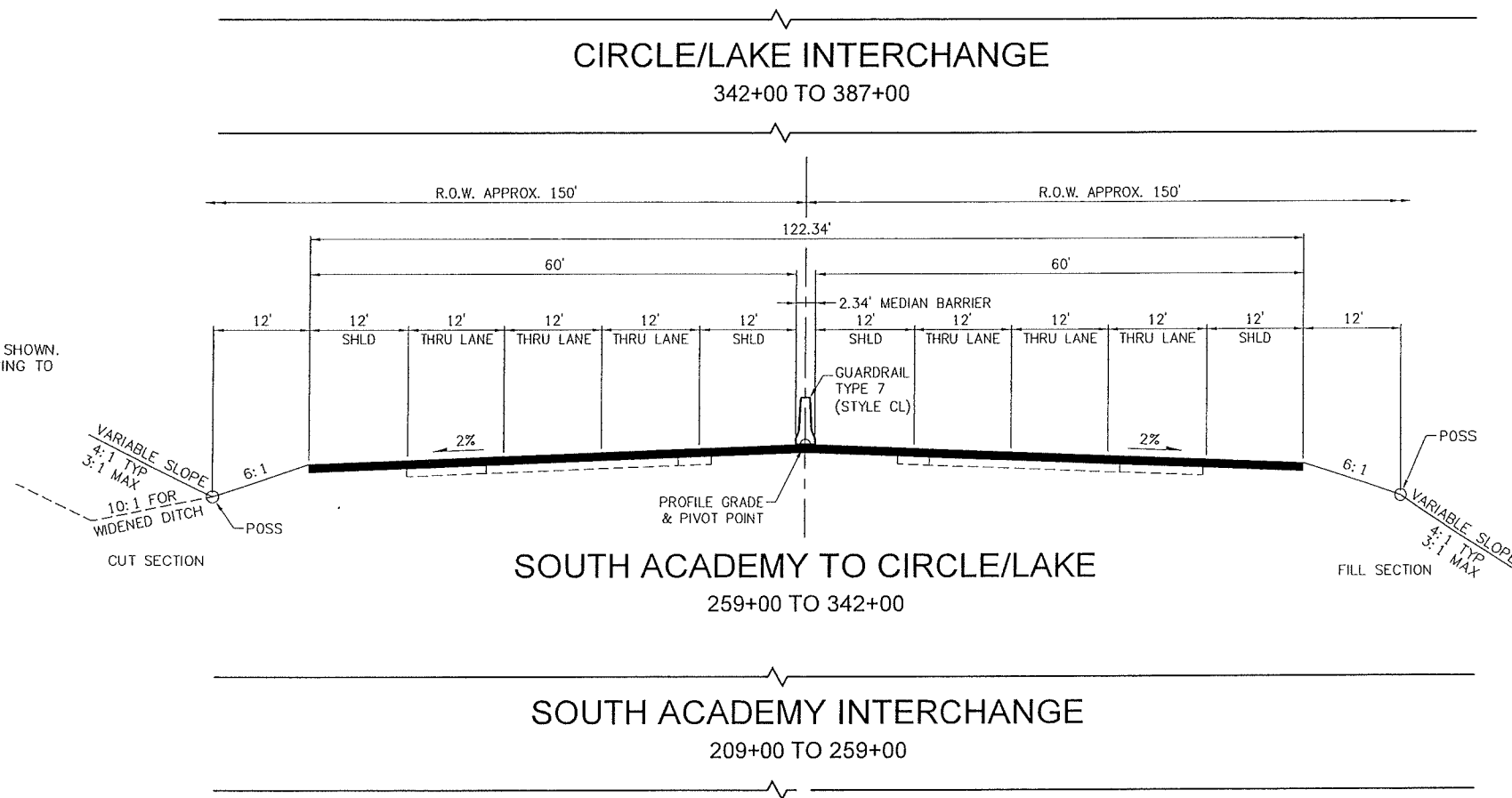


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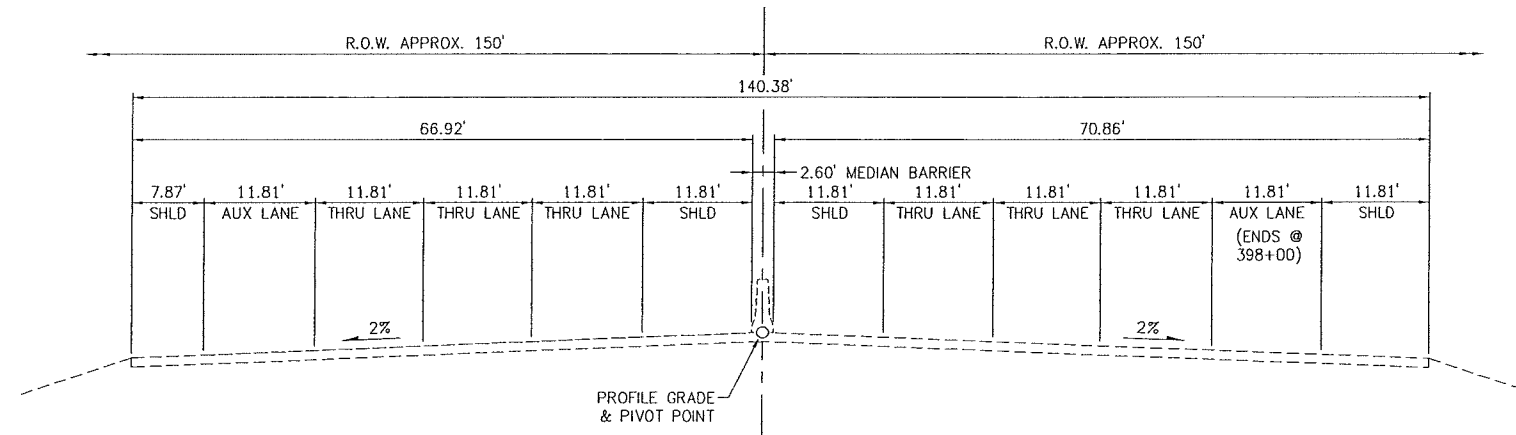
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SH 24 INTERCHANGE

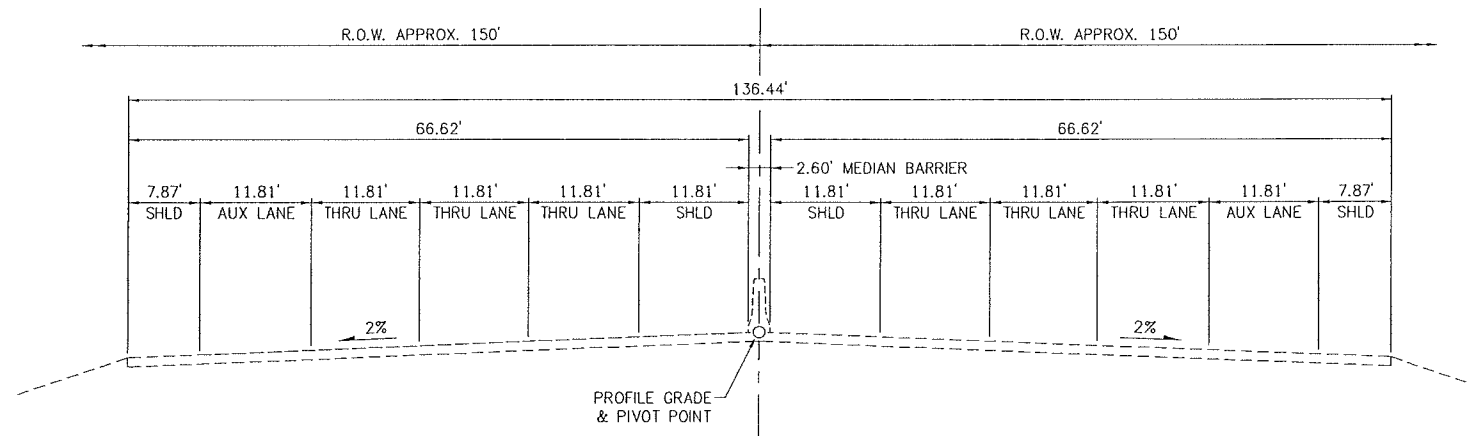
405+00 TO 425+00



CIRCLE/LAKE TO SH 24

395+00 TO 405+00

(EXISTING CONDITIONS - NO PROPOSED WORK)



CIRCLE/LAKE TO SH 24

387+00 TO 395+00

(EXISTING CONDITIONS - NO PROPOSED WORK)

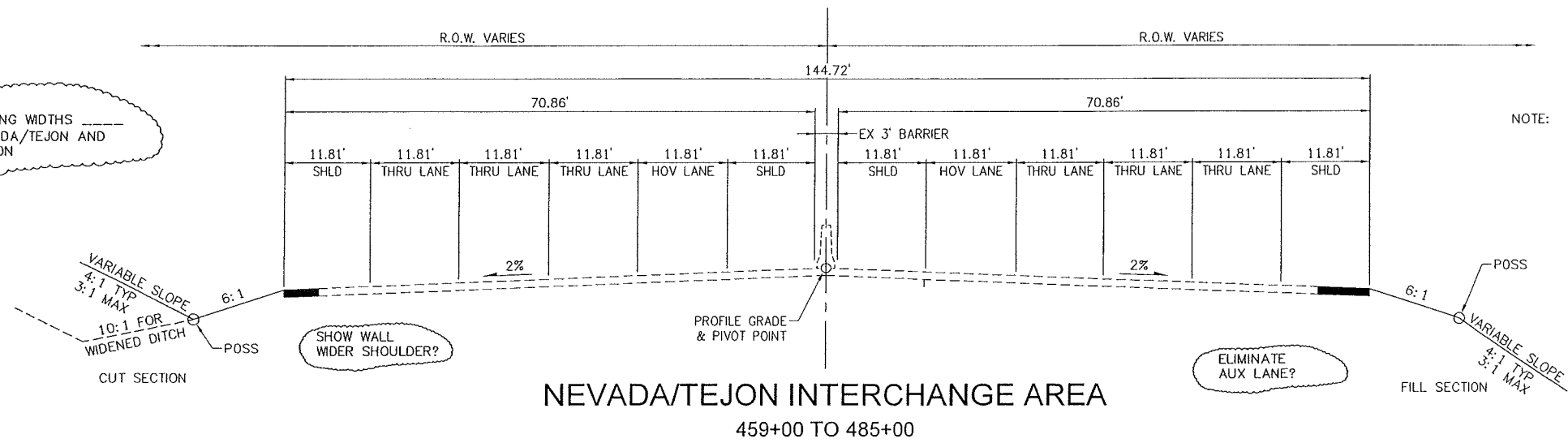


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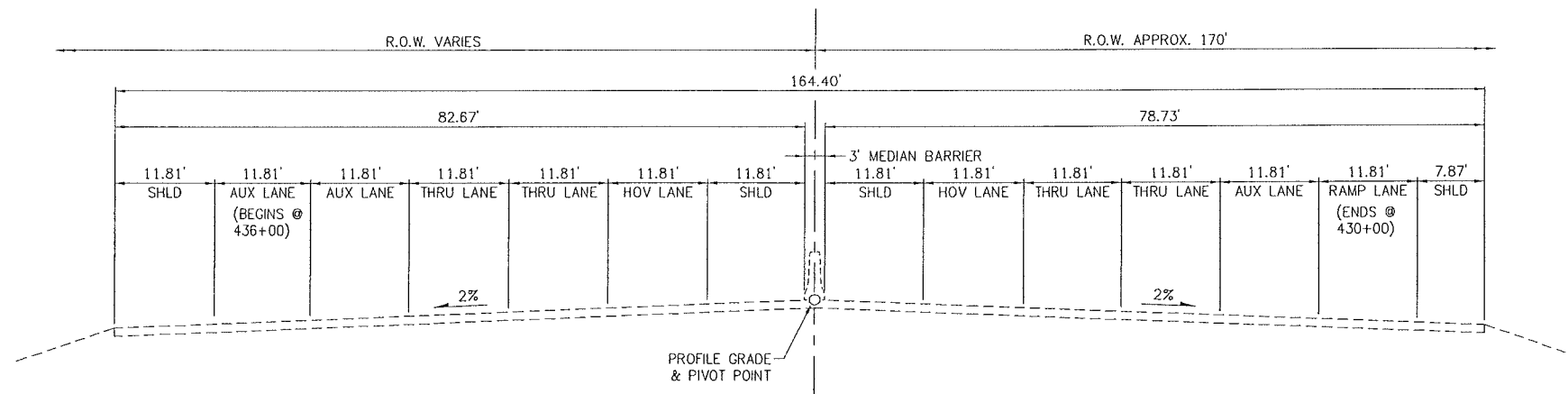
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DETERMINE WIDENING WIDTHS TO EXISTING NEVADA/TEJON AND BUFFER ELIMINATION

NOTE: STA 468+00 TO 478+00 IS GRADE SEPERATED STRUCTURE WITH SIMILAR LANEAGE GEOMETRY.




NEVADA/TEJON INTERCHANGE AREA
459+00 TO 485+00



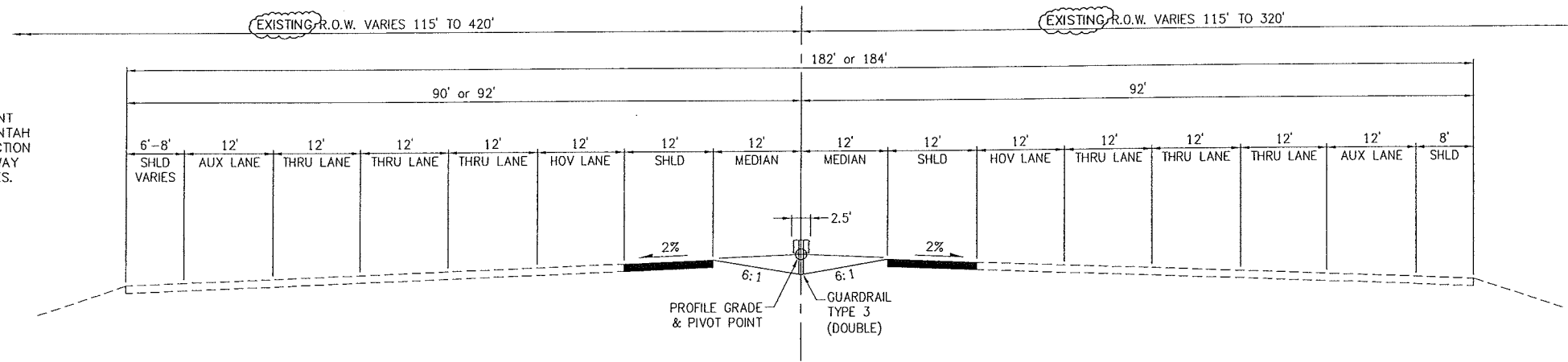
SH 24 TO NEVADA/TEJON
425+00 TO 446+00
(EXISTING CONDITIONS - NO PROPOSED WORK)



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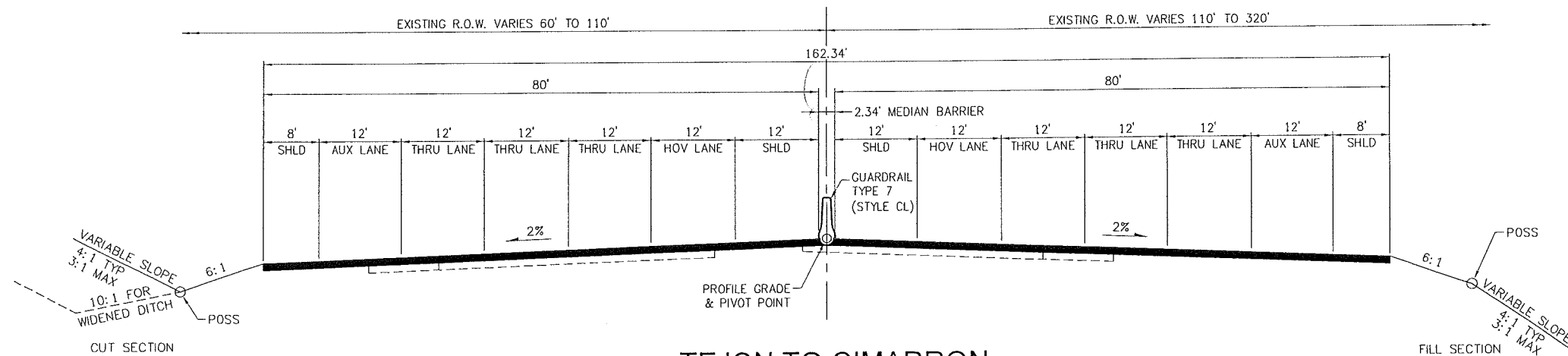
NOTE: THE BIJOU TO FILLMORE SEGMENT INCLUDES INTERCHANGES AT UINTAH AND FONTANARO. TYPICAL SECTION AS SHOWN DEPICTS THE ROADWAY SECTION BETWEEN INTERCHANGES.



BIJOU TO FILLMORE
600+00 TO 705+00

BIJOU INTERCHANGE
565+00 TO 600+00

CIMARRON INTERCHANGE
528+00 TO 562+00



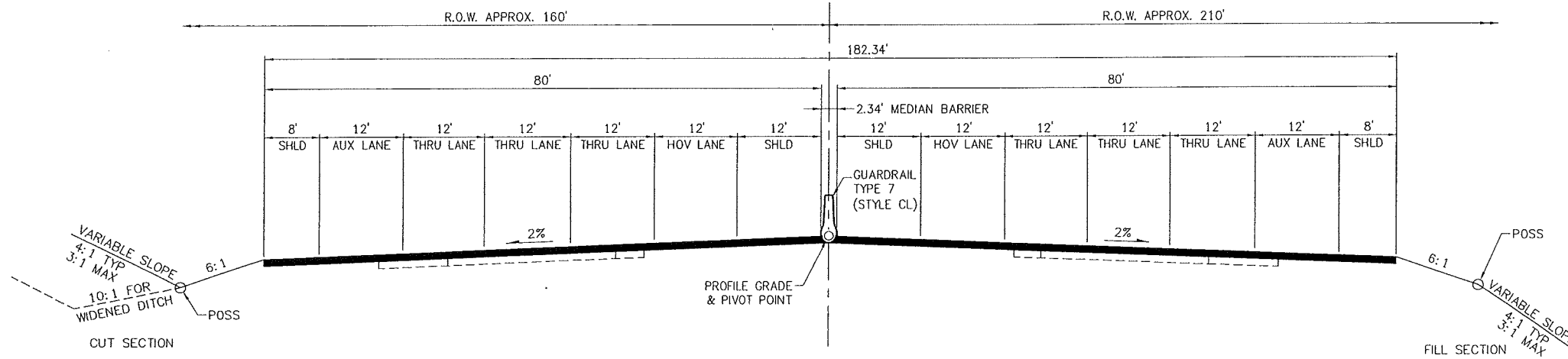
TEJON TO CIMARRON
497+00 TO 528+00

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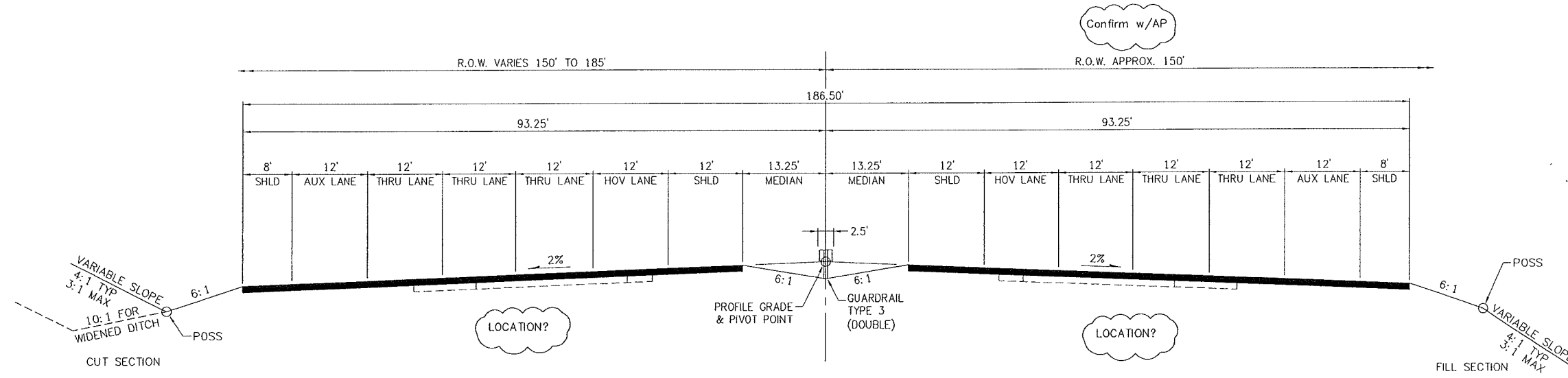
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GARDEN OF THE GODS INTERCHANGE 784+00 TO 822+00



FILLMORE TO GARDEN OF THE GODS 782+00 TO 784+00



FILLMORE TO GARDEN OF THE GODS 738+00 TO 776+00

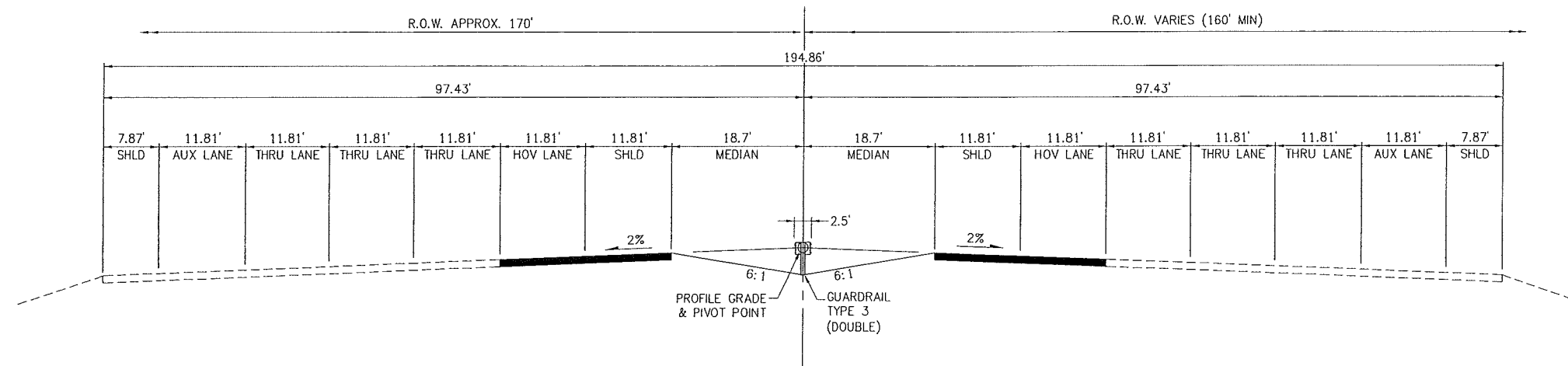
FILLMORE INTERCHANGE 705+00 TO 738+00



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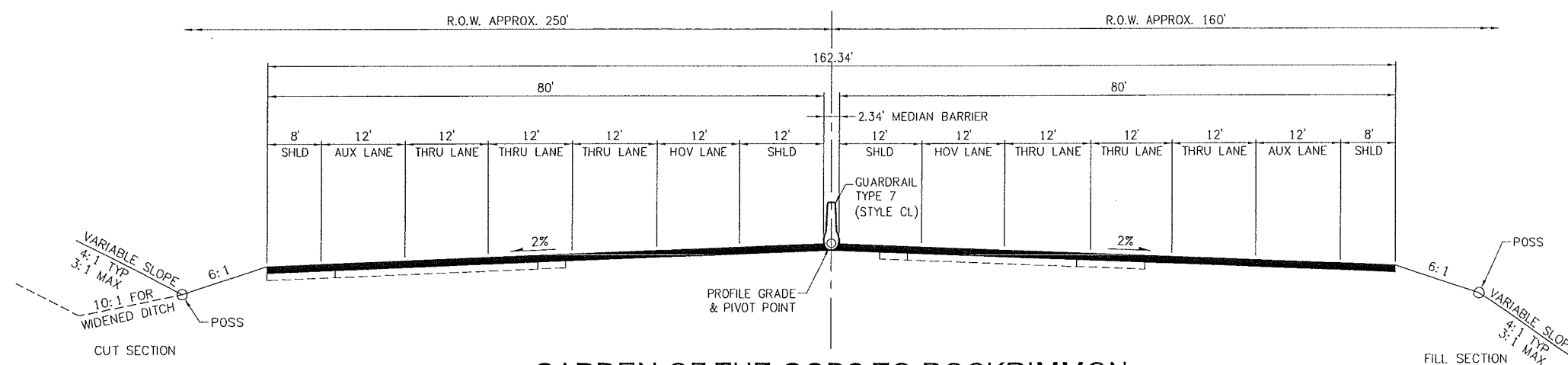
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WOODMAN INTERCHANGE
930+00 TO 970+00



NEVADA/ROCKRIMMON TO WOODMEN
925+00 TO 930+00


NORTH NEVADA/ROCKRIMMON INTERCHANGE
837+00 TO 907+00



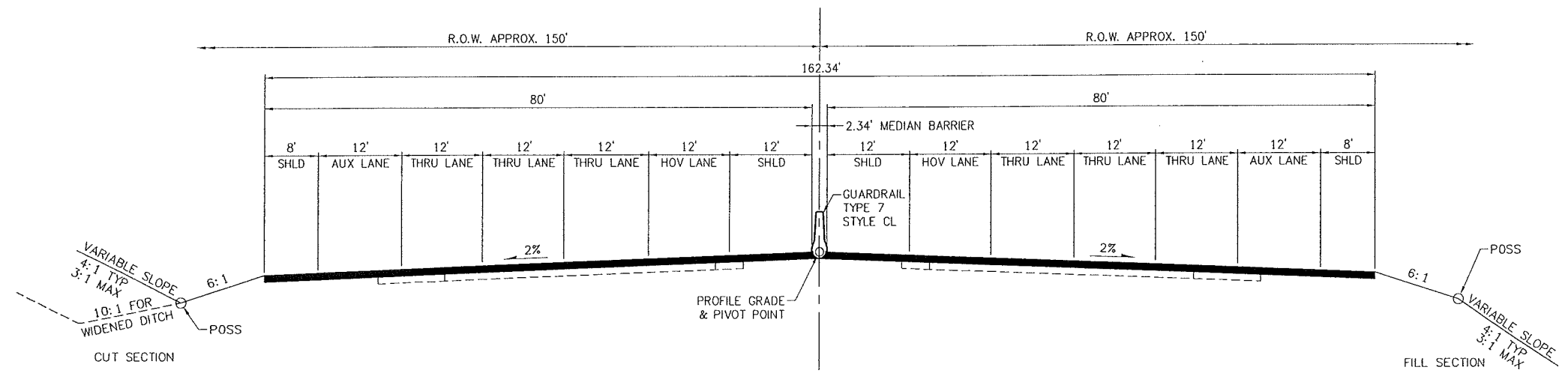
GARDEN OF THE GODS TO ROCKRIMMON
822+00 TO 837+00

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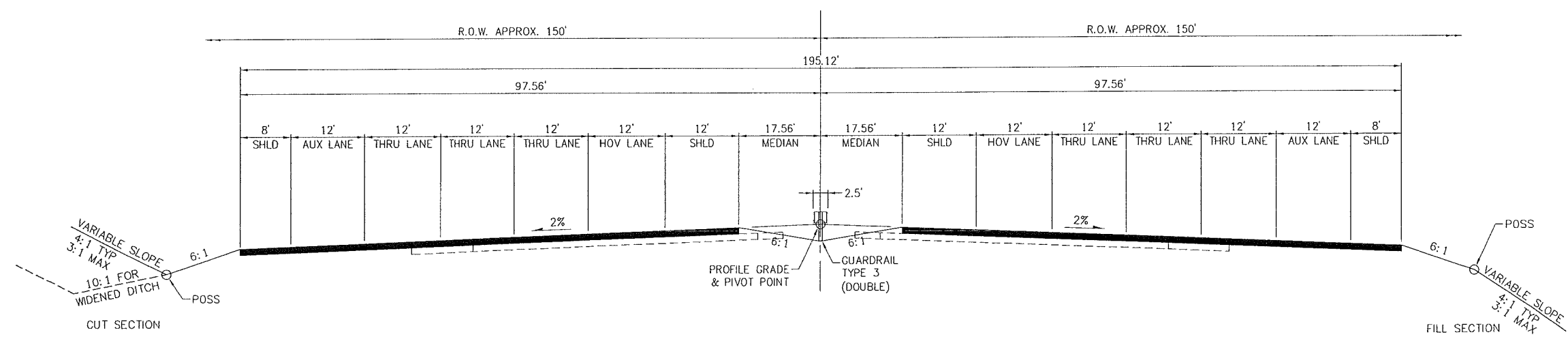
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NORTH ACADEMY INTERCHANGE 1004+00 TO 1051+00



WOODMEN TO NORTH ACADEMY 997+00 TO 1004+00

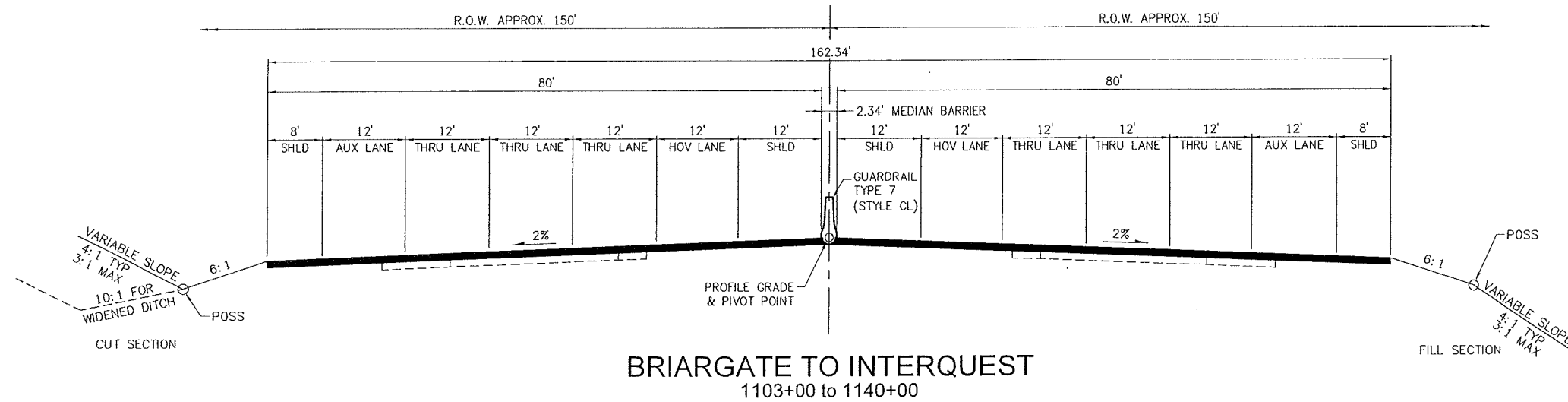


WOODMEN TO NORTH ACADEMY 970+00 TO 986+00

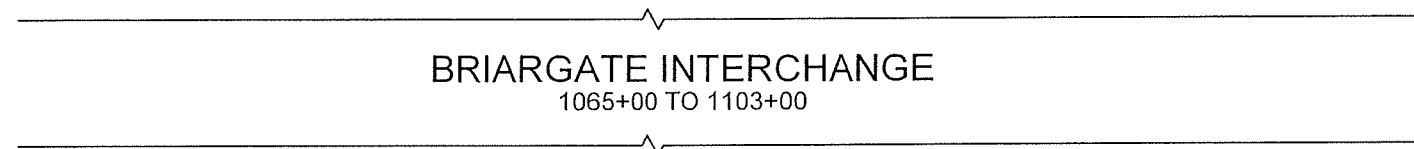


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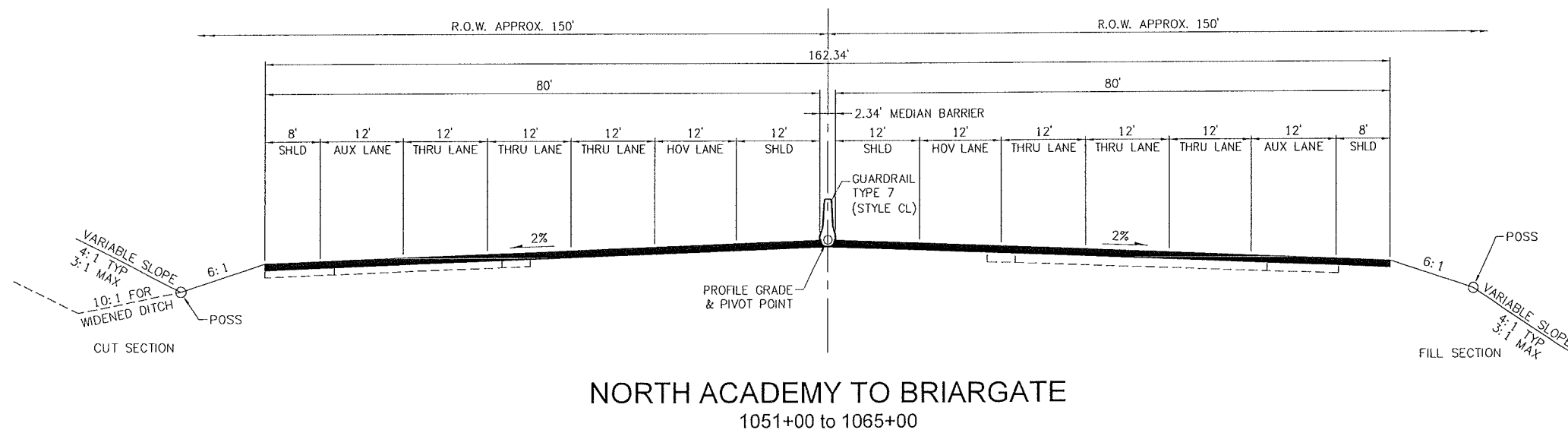
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BRIARGATE TO INTERQUEST
1103+00 to 1140+00




BRIARGATE INTERCHANGE
1065+00 TO 1103+00

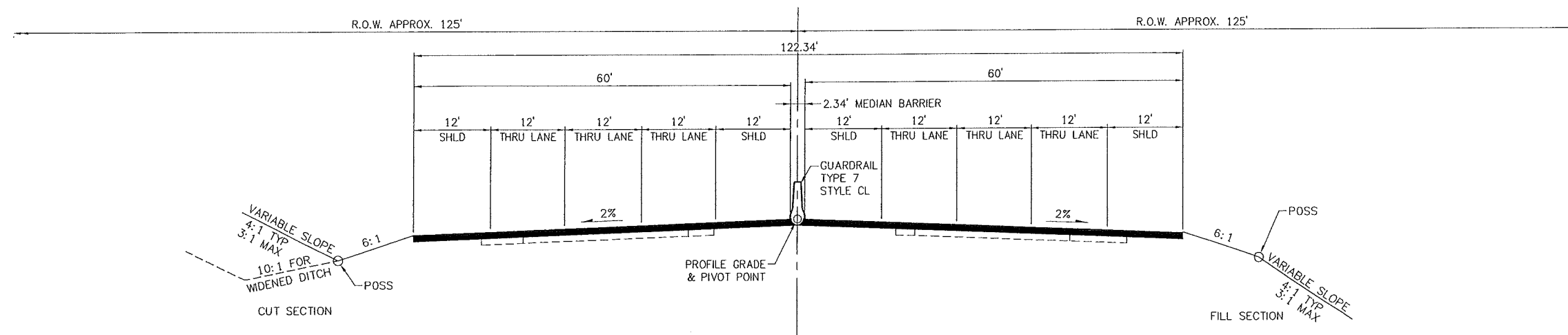


NORTH ACADEMY TO BRIARGATE
1051+00 to 1065+00

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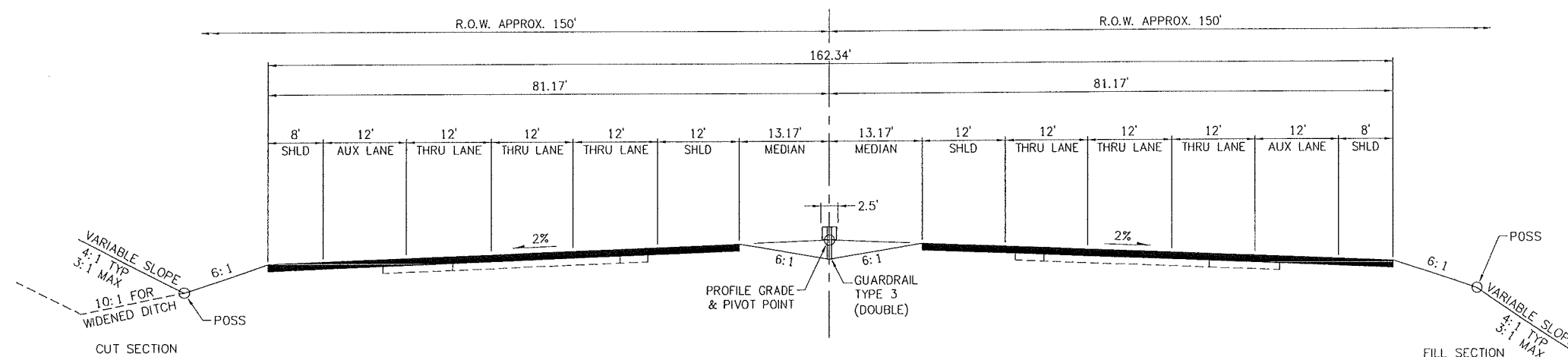
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INTERQUEST TO NORTHGATE
1196+00 to 1220+00




INTERQUEST INTERCHANGE
1158+00 TO 1196+00



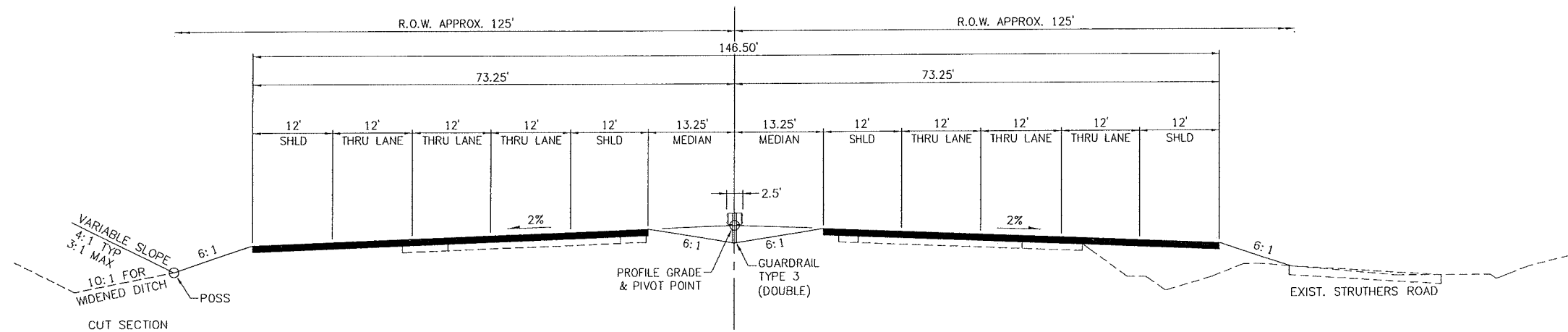
BRIARGATE TO INTERQUEST
1148+00 to 1158+00



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MONUMENT INTERCHANGE
1534+00 TO 1588+00




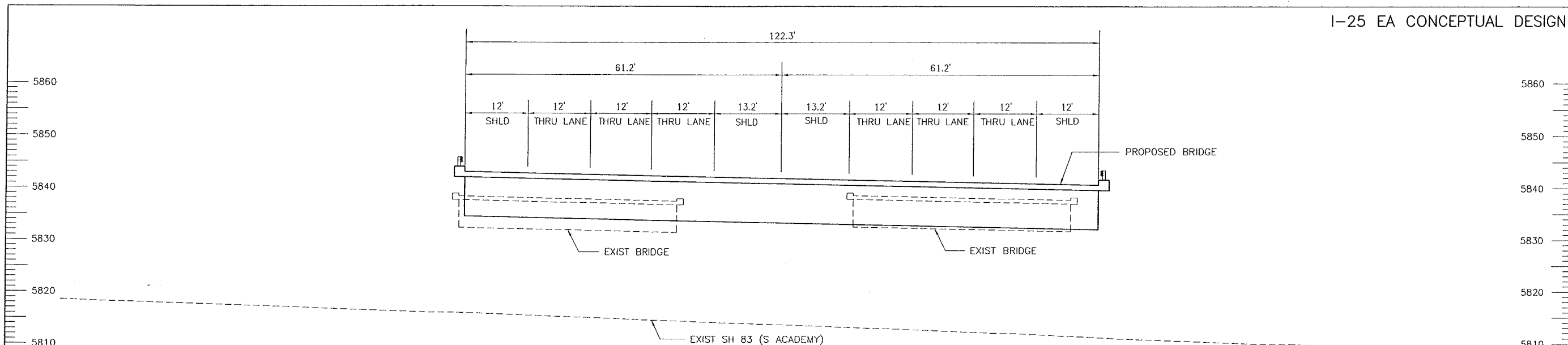
BAPTIST TO MONUMENT
1460+00 to 1521+00

NORTHGATE & BAPTIST INTERCHANGES
1220+00 TO 1460+00

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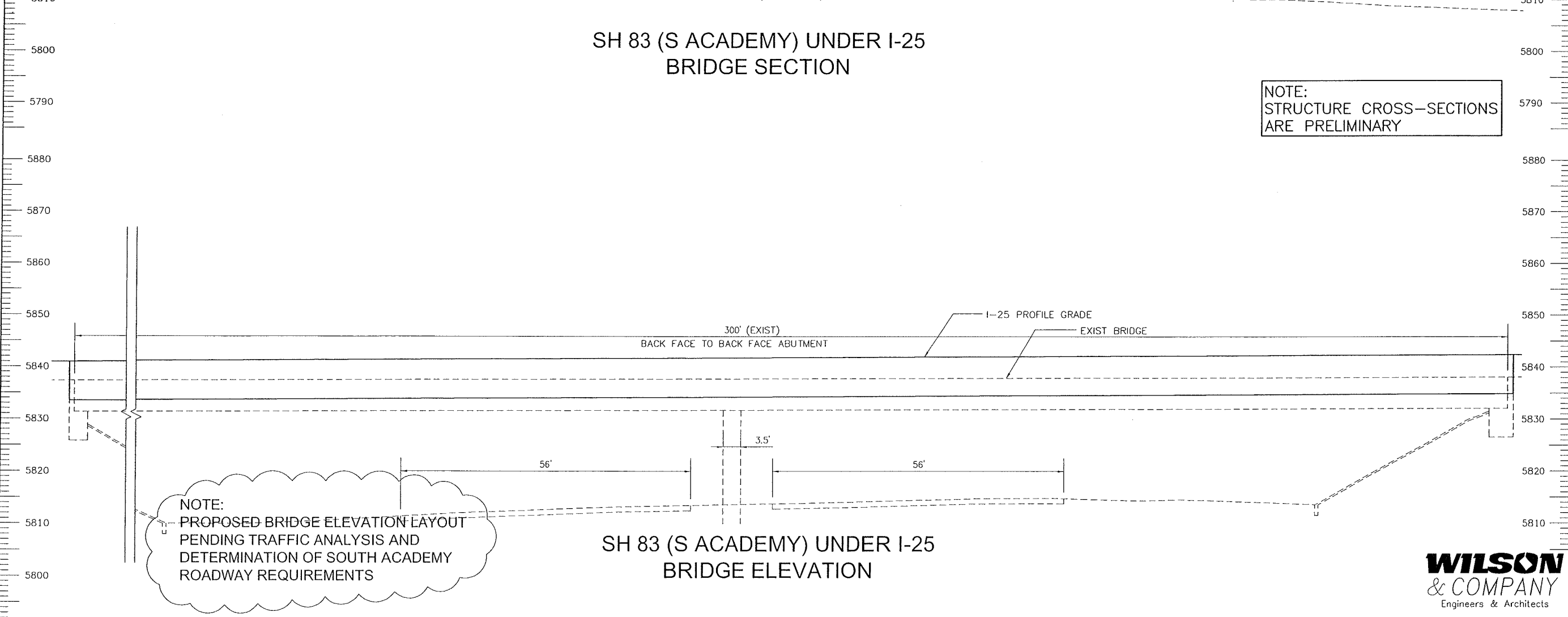
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SH 83 (S ACADEMY) UNDER I-25
BRIDGE SECTION

NOTE:
STRUCTURE CROSS-SECTIONS
ARE PRELIMINARY

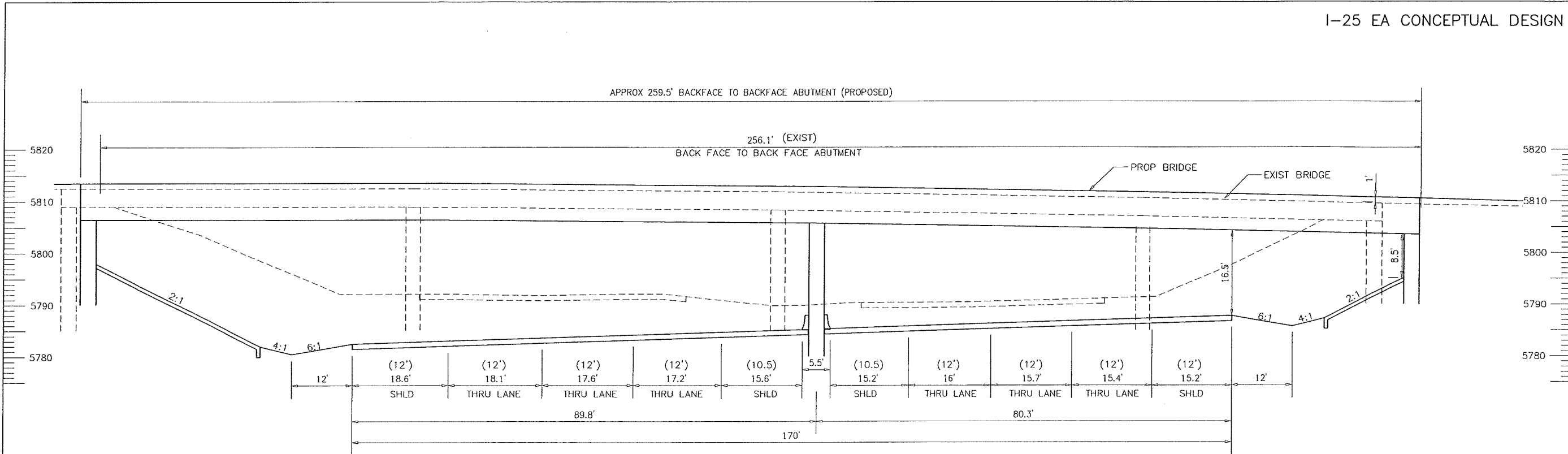


SH 83 (S ACADEMY) UNDER I-25
BRIDGE ELEVATION

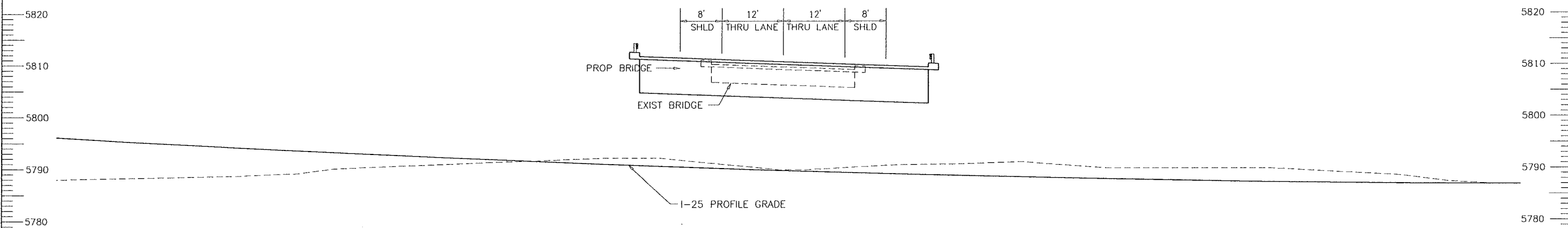
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Computer File Information		Sheet Revisions		Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	As Constructed	SH 83 Bridge (234+64.86) Proposed Bridge Structure	Project No./Code
Creation Date: 4/24/02	Initials: BE				No Revisions:		
Last Modification Date: 02/11/03	Initials: MAB				Revised:	Designer: TDS	12210
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Acad Ver. 2002	Scale: 1" = 20'	Units: English					

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SH 85 OVER I-25
BRIDGE ELEVATION



SH 85 OVER I-25
BRIDGE SECTION

NOTE:
DIMENSIONS IN PARENTHESIS
ARE TAKEN NORMAL TO THE
I-25 CORRIDOR ALIGNMENT

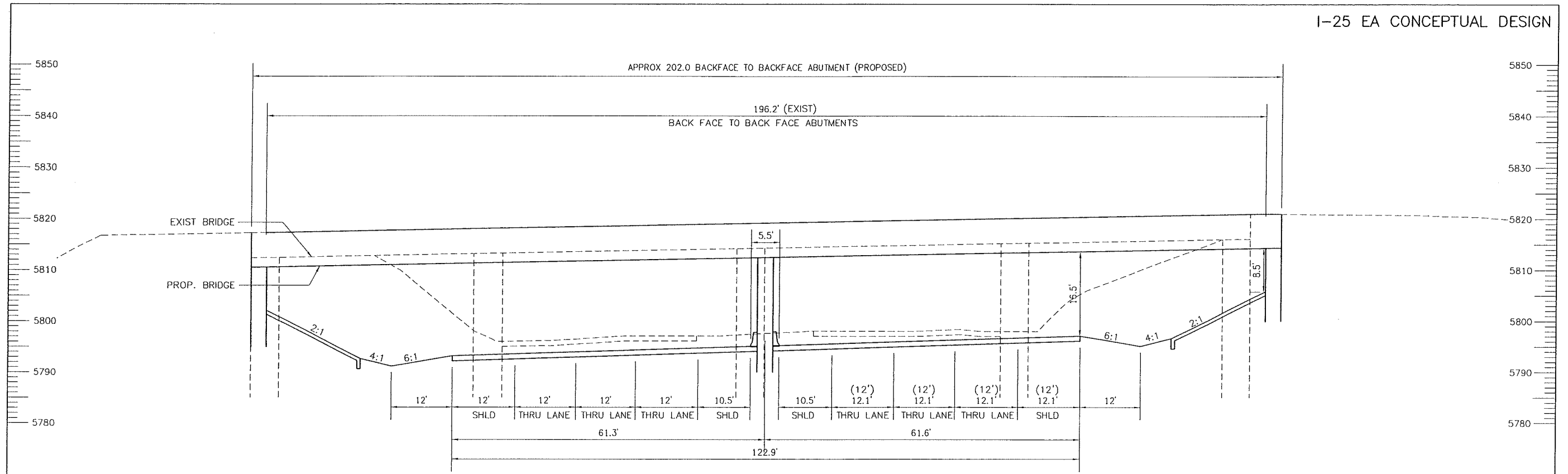
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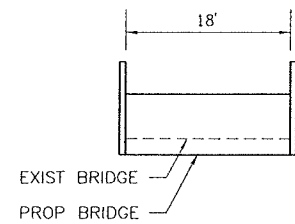
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Last Modification Date:	02/11/03	Initials:	MAB				Revised:	Designer:	TDS	12210	
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Region 2 JFF



FT CARSON RAILROAD (GOVERNMENT SPUR) OVER I-25
BRIDGE ELEVATION



I-25 PROFILE GRADE

FT CARSON RAILROAD (GOVERNMENT SPUR) OVER I-25
BRIDGE SECTION

NOTE:
DIMENSIONS IN PARENTHESIS
ARE TAKEN NORMAL TO THE
I-25 CORRIDOR ALIGNMENT

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Colorado Department of Transportation

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Region 2 JFF

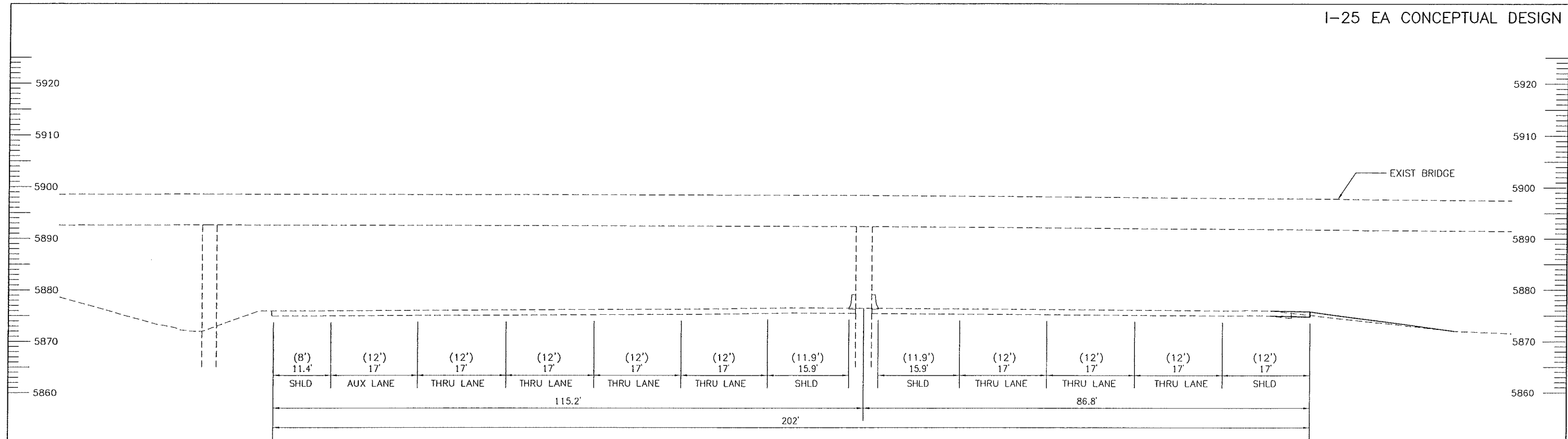
As Constructed
No Revisions:
Revised:
Void:

**Railroad Overpass
(Govt. Spur)(291+03.78)
Proposed Bridge Structure**

Designer:	TDS
Detailer:	BE
Sheet Subset:	

Project No./Code
C 0252-316
12210
Sheet Number

Subst Sheet: 3 of 14



US 24 MARTIN LUTHER KING BYPASS OVER I-25
BRIDGE ELEVATION

NOTE:
DIMENSIONS IN PARENTHESIS
ARE TAKEN NORMAL TO THE
I-25 CORRIDOR ALIGNMENT

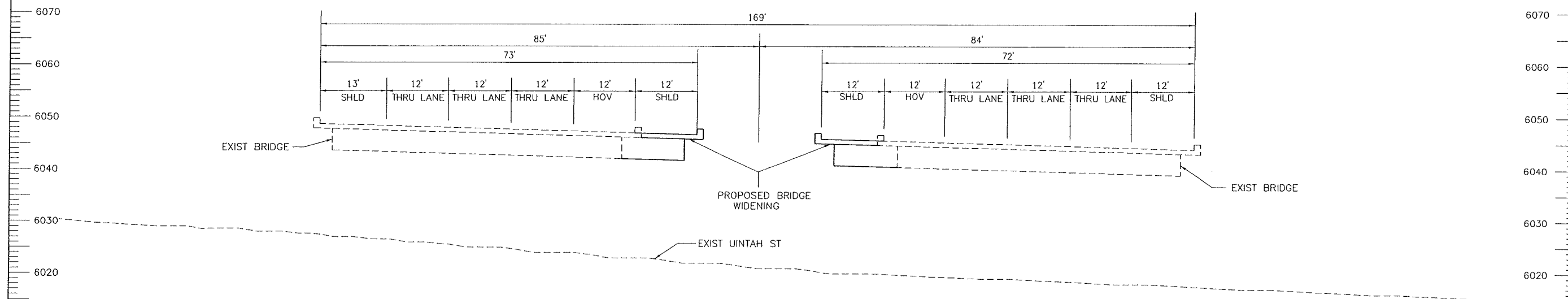
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& COMPANY**
Engineers & Architects

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		US 24 MLK (416+33.01) Proposed Bridge Structure		Project No./Code	
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							JFF				



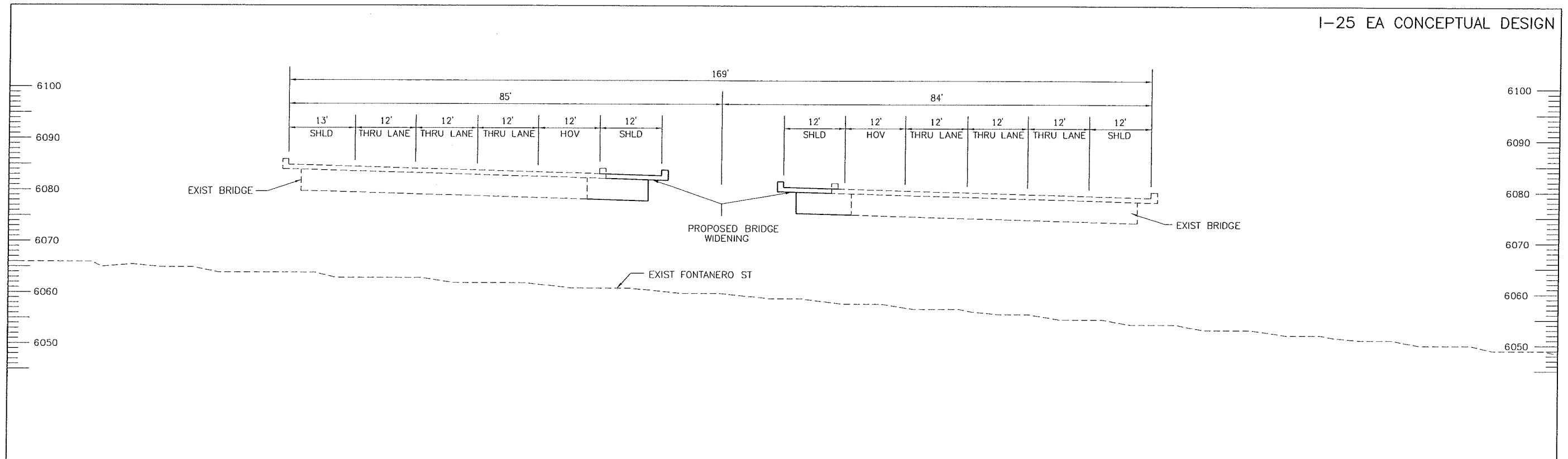
1480 Quail Lake Loop - Suite A
Colorado Springs, Colorado 80906
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UINTAH STREET UNDER I-25
BRIDGE SECTION

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Computer File Information Creation Date: 4/24/02 Initials: BE Last Modification Date: 02/11/03 Initials: MAB Full Path: P:\9831000913\ACAD\SHEETS\PlanSet\ Drawing File Name: brdgsec.dwg Acad Ver. 2002 Scale: 1" = 20' Units: English		Sheet Revisions (R-) (R-) (R-) (R-)		Colorado Department of Transportation 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719)634-2323 Fax: (719)227-3298 Region 2 JFF		As Constructed No Revisions: Revised: Void:		Uintah St Bridge (629+76.10) Proposed Bridge Structure Designer: TDS Detailer: BE Sheet Subset: Subset Sheet: 5 of 14		Project No./Code C 0252-316 12210 Sheet Number	
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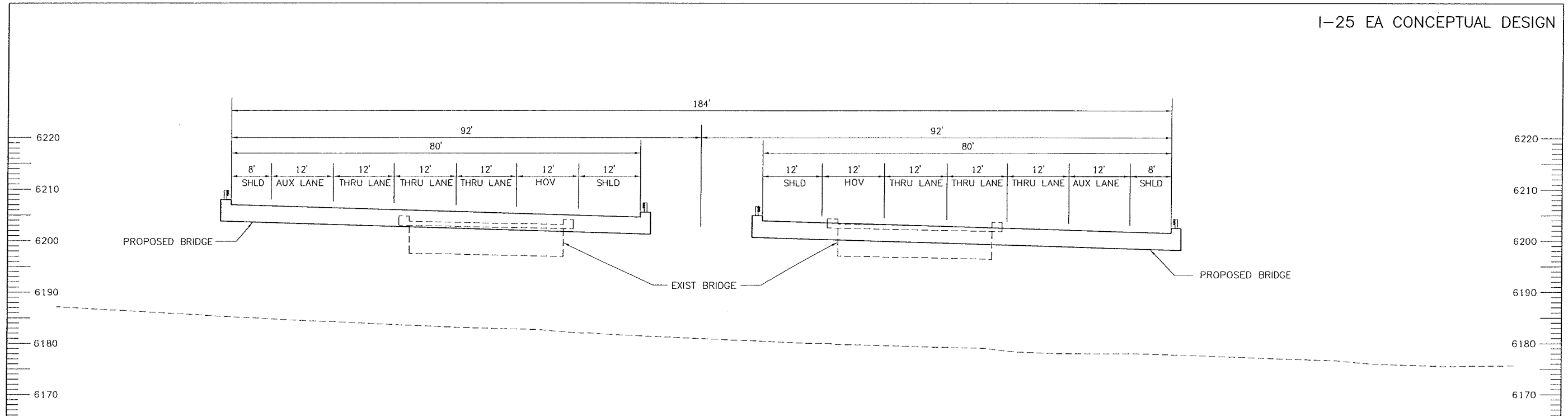


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BRIDGE SECTION

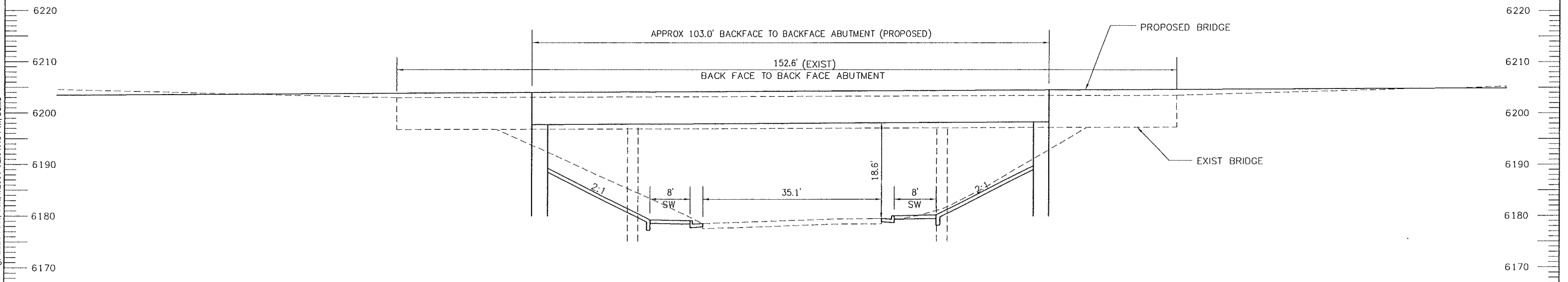


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ELLSTON STREET UNDER I-25
BRIDGE SECTION

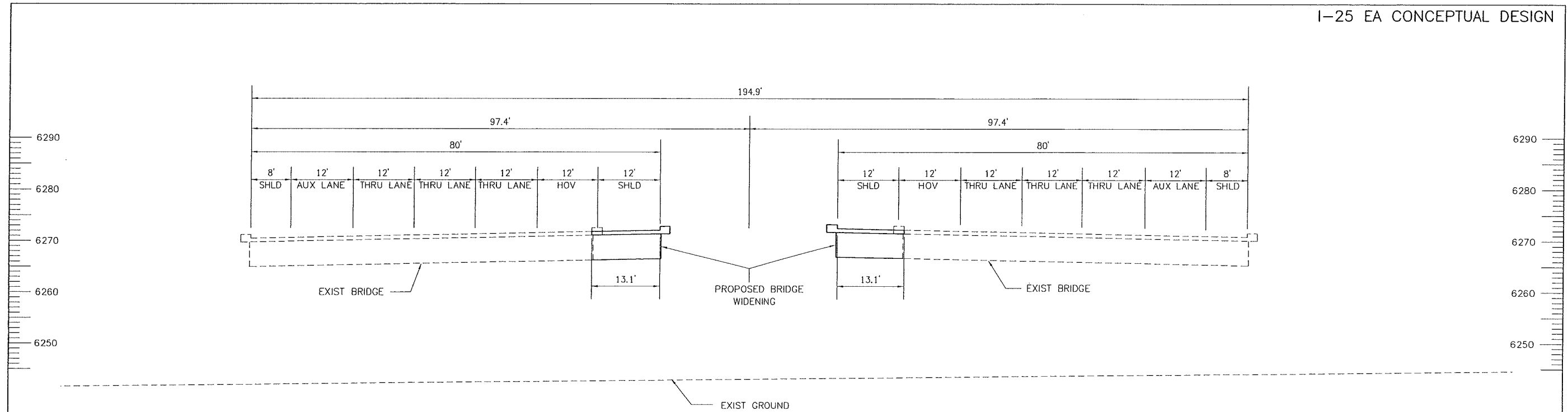


ELLSTON STREET UNDER I-25
BRIDGE ELEVATION



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Creation Date: 4/24/02	Initials: BE	(R-)	(R-)		No Revisions:		Designer: TDS Detailer: BE Sheet Subset:
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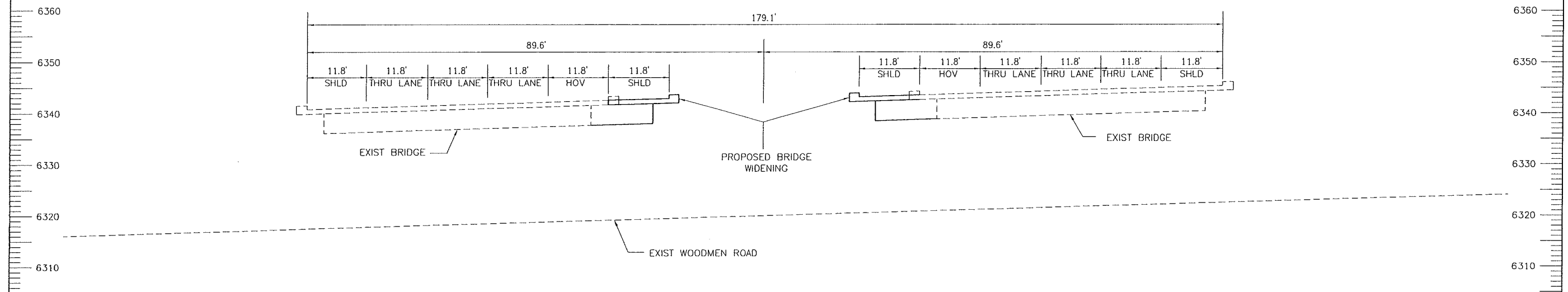


COTTONWOOD CREEK UNDER I-25
BRIDGE SECTION



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Last Modification Date:	02/11/03	Initials:	MAB		Revised:		Designer: TDS		12210	
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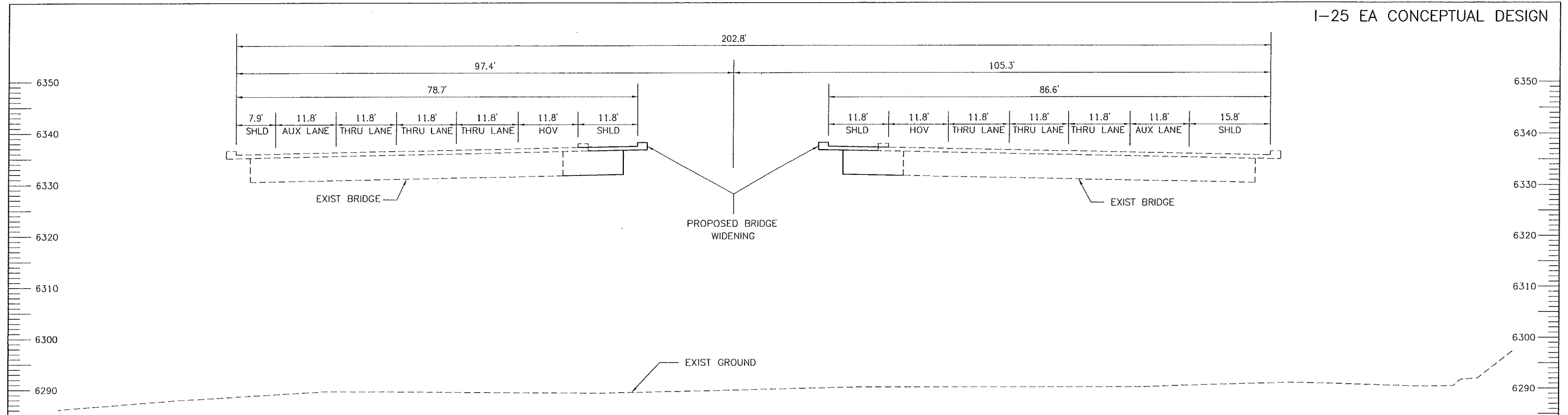


WOODMEN ROAD UNDER I-25
BRIDGE SECTION



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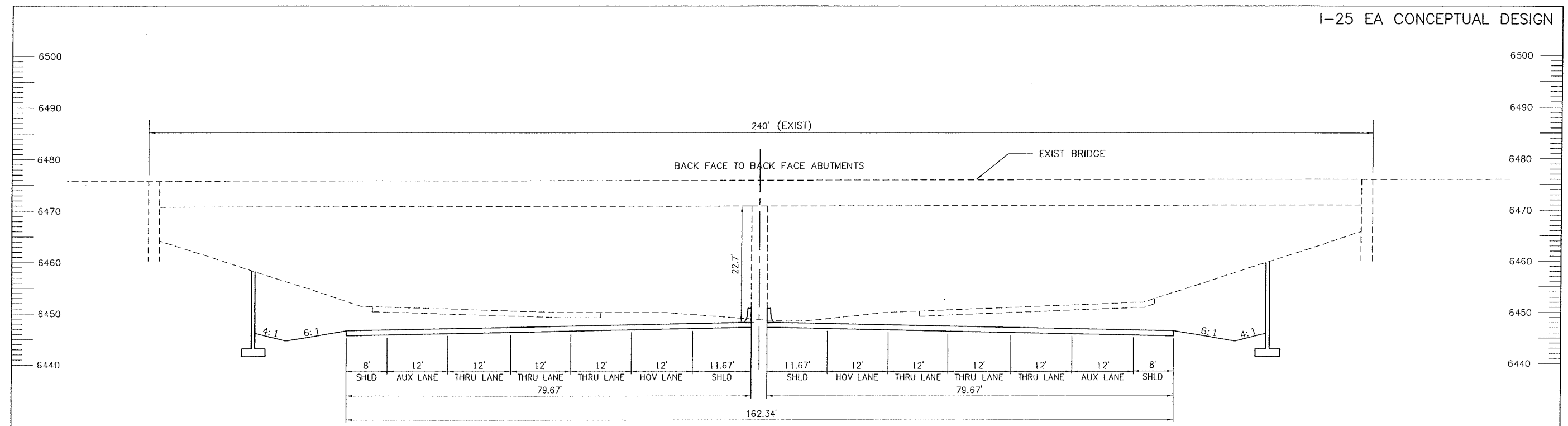


PINE CREEK UNDER I-25
BRIDGE SECTION

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Creation Date: 4/24/02	Initials: BE	(R-)			No Revisions:	Proposed Bridge Structure		C 0252-316		
Last Modification Date: 02/11/03	Initials: MAB	(R-)			Revised:	Designer: TDS		12210		
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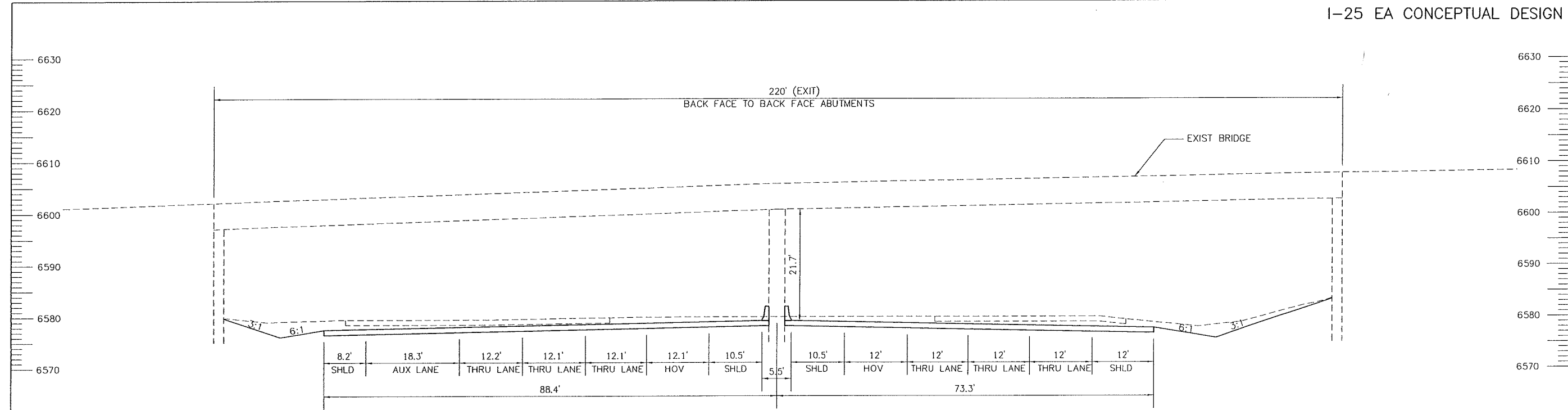


NORTH ACADEMY BOULEVARD OVER I-25
BRIDGE SECTION

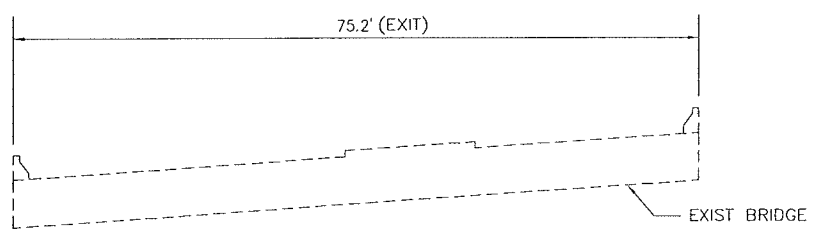


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BRIARGATE PARKWAY OVER I-25
BRIDGE ELEVATION



BRIARGATE PARKWAY OVER I-25
BRIDGE SECTION



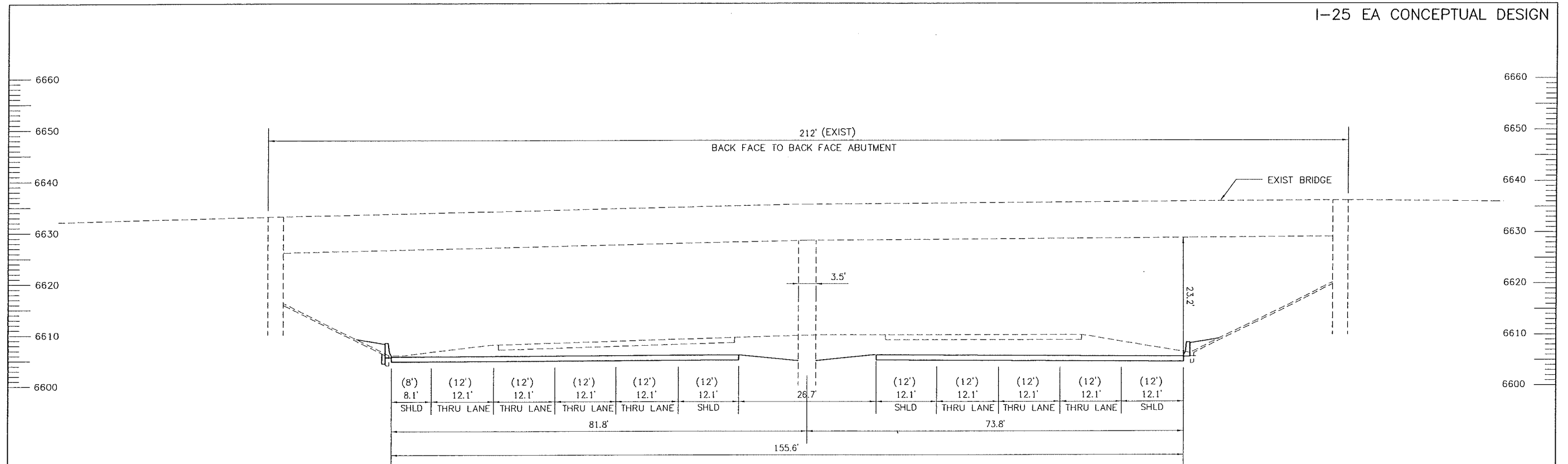
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Acad Ver.	2002	Scale:	1" = 20'	Units:	English	Region	2				

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JFF




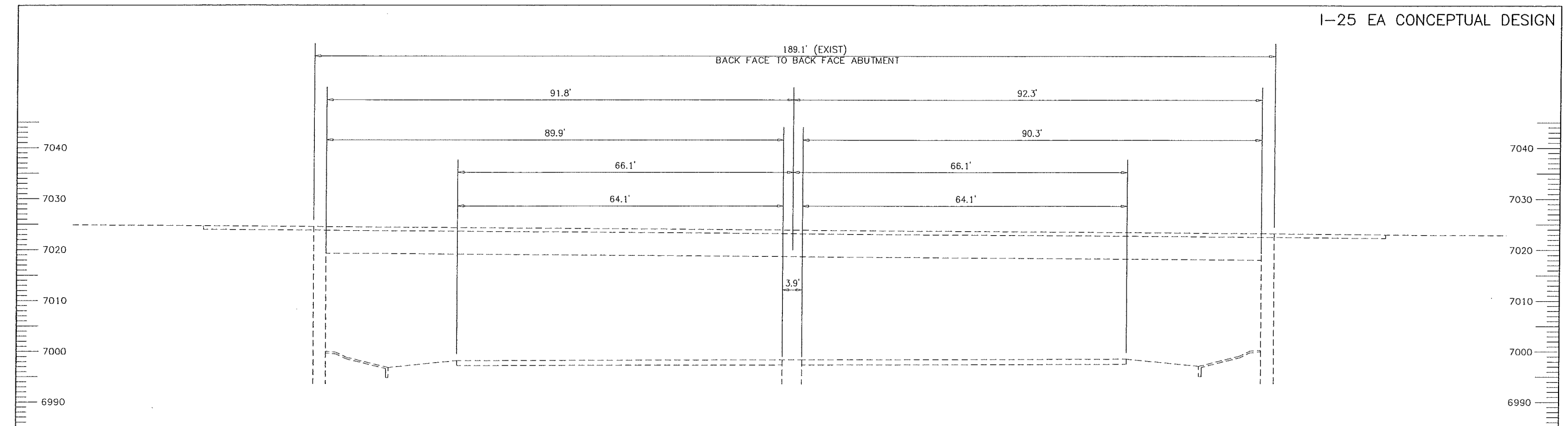
INTERQUEST PARKWAY OVER I-25
BRIDGE ELEVATION

NOTE:
DIMENSIONS IN PARENTHESIS
ARE TAKEN NORMAL TO THE
I-25 CORRIDOR ALIGNMENT

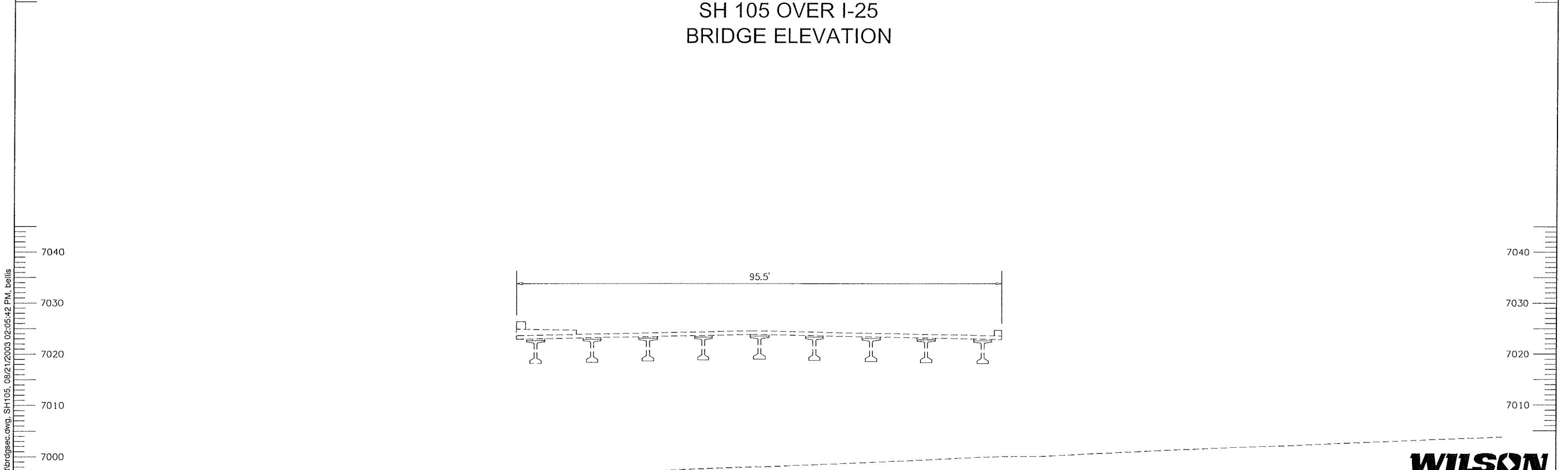
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Computer File Information		Sheet Revisions		Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	As Constructed		Interquest Pkwy Bridge (1178+69.18) Proposed Bridge Structure		Project No./Code	
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SH 105 OVER I-25
BRIDGE ELEVATION

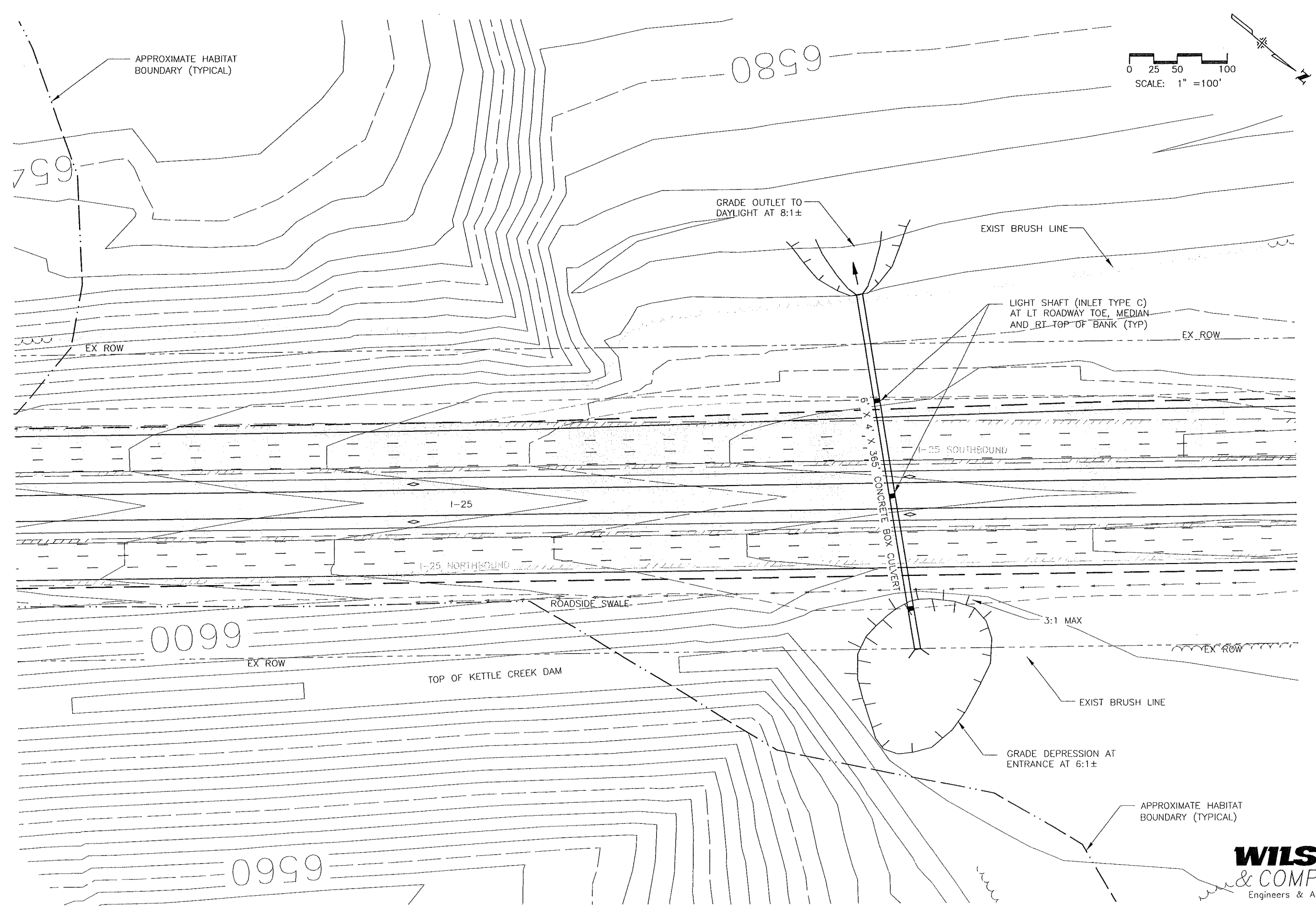


SH 105 OVER I-25
BRIDGE SECTION

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Region No. 2

As Constructed
No Revisions:
Revised:
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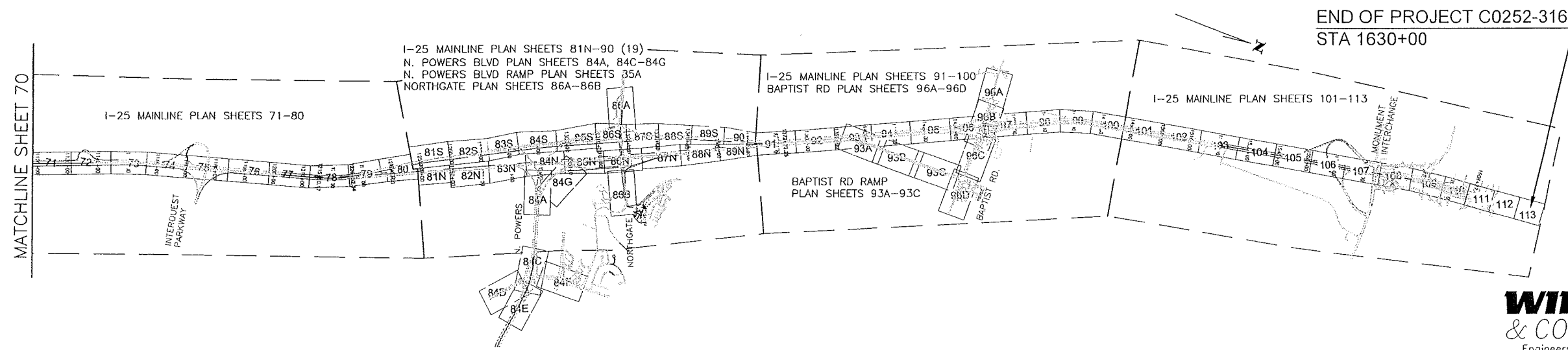
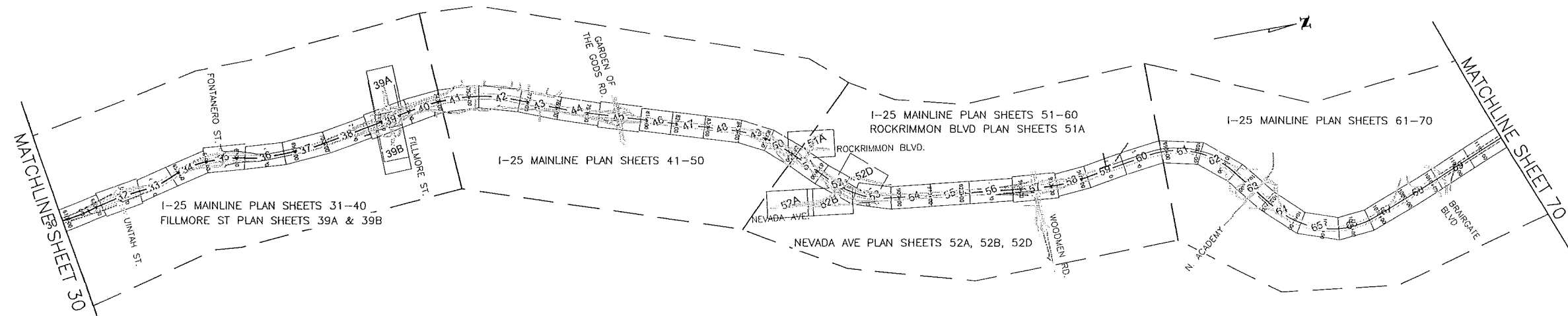
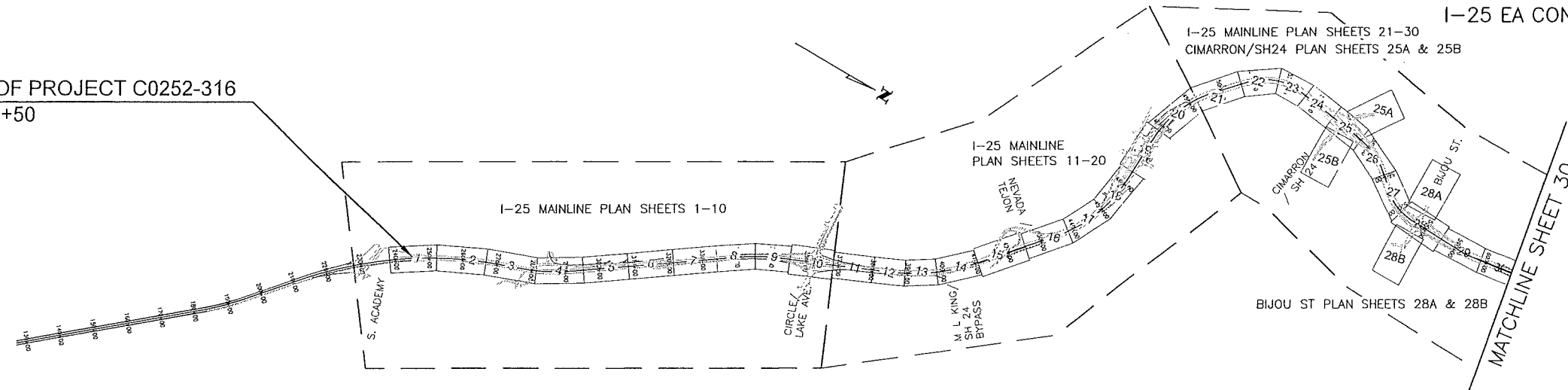
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I-25 Project, El Paso County Colorado	
Designer:	WCD
Detailer:	MAB
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Subset Sheet:	1 of 1

Project No./Code
C 0252-316
12210
Figure 10

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 Engineers & Architects

START OF PROJECT C0252-316
STA 244+50

I-25 EA CONCEPTUAL DESIGN

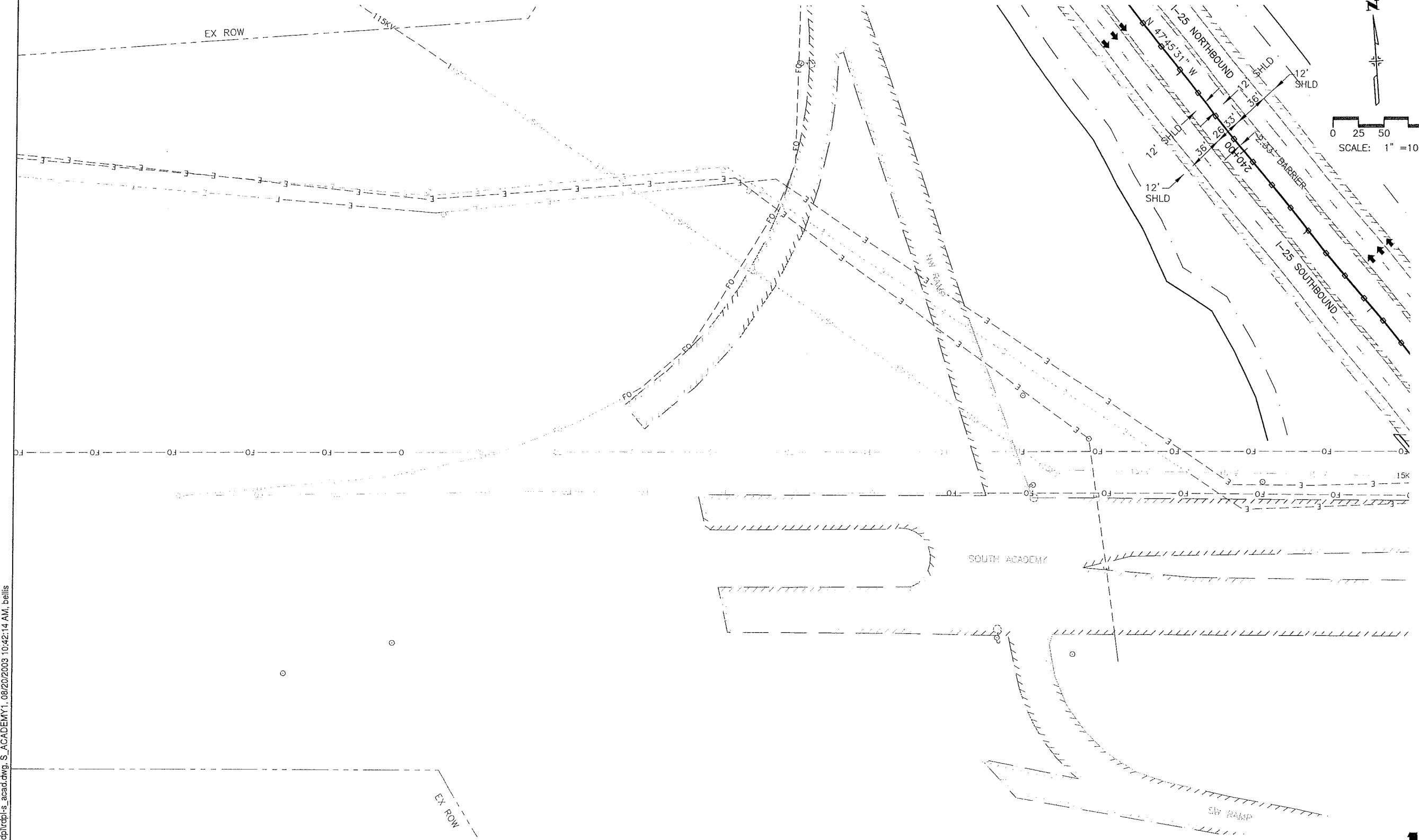
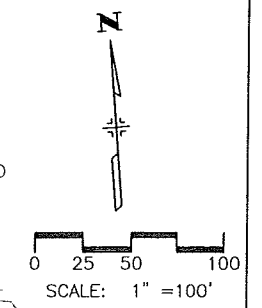
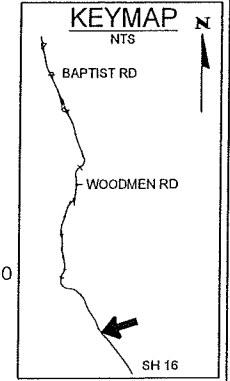


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I-25 EA CONCEPTUAL DESIGN




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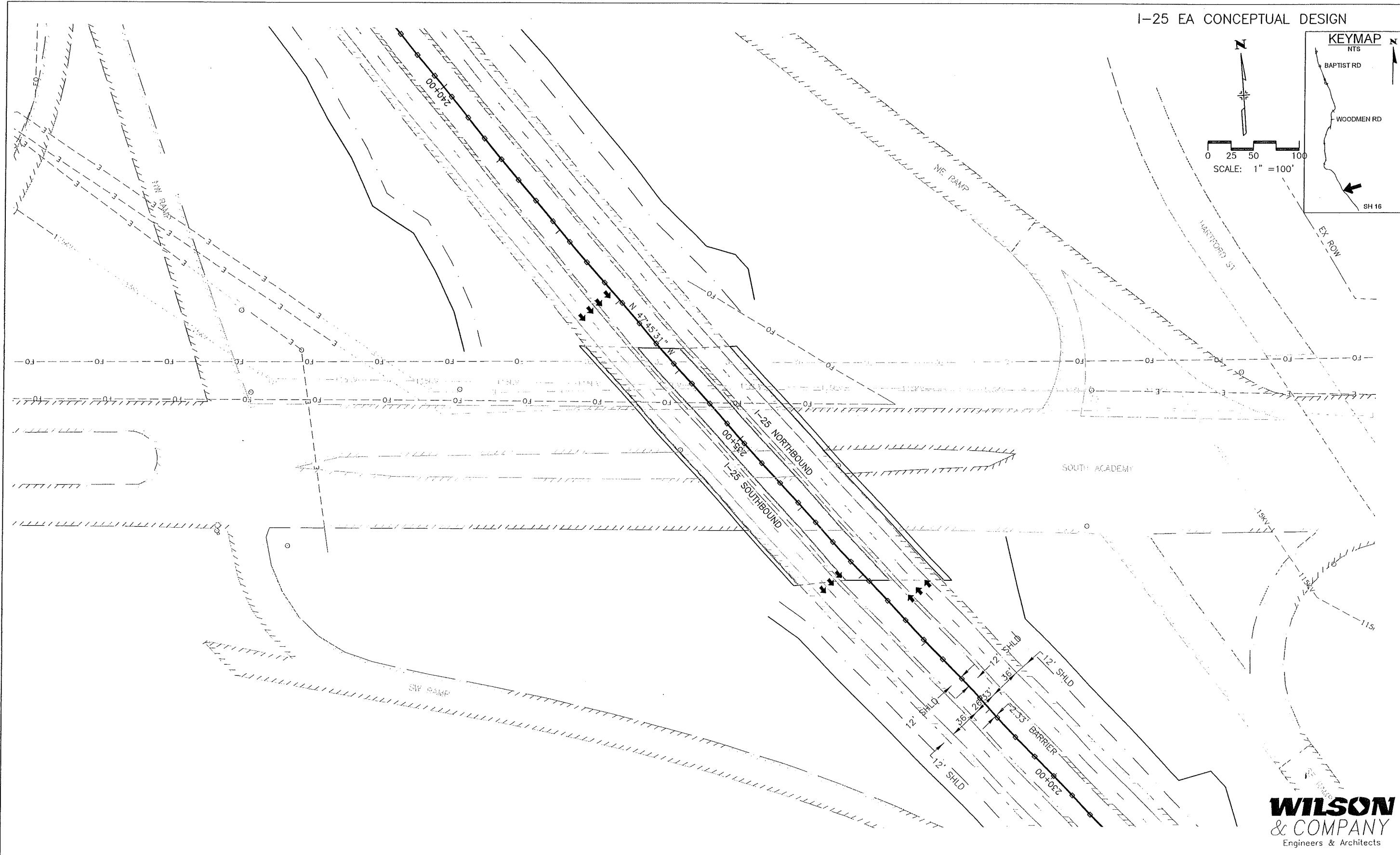
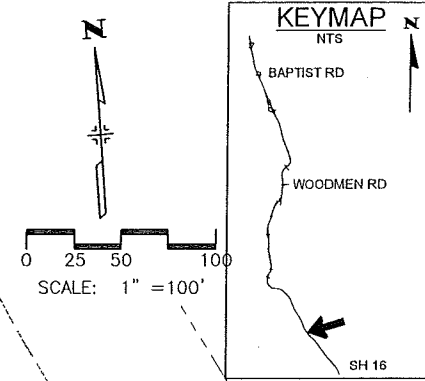
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 Region No. 2

As Constructed
No Revisions:
Revised:
Void:

South Academy & I-25 Roadway Plan	
Designer: MAB	
Detailer: MAB	
Sheet Subset: ROADWAY	Subset Sheet: 1 of 9

Project No./Code	XXX XXXX-XXX
Sheet Number	XXXXX




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Colorado Department of Transportation



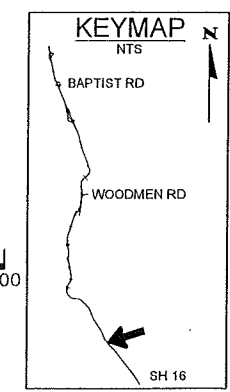
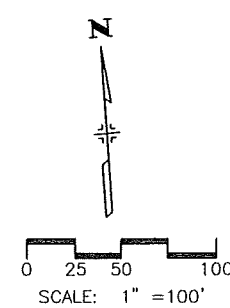
1480 Quail Lake Loop - Suite A
Colorado Springs, Colorado 80906
Phone: (719) 634-2323 Fax: (719) 227-3298

Region No. 2

As Constructed
No Revisions:
Revised:
Void:

South Academy & I-25 Roadway Plan		Designer: MAB
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Project No./Code
XXX XXXX-XXX
XXXXX
Sheet Number

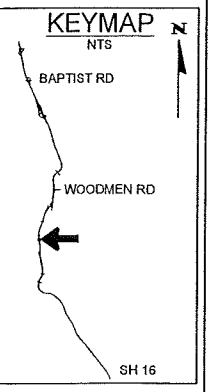
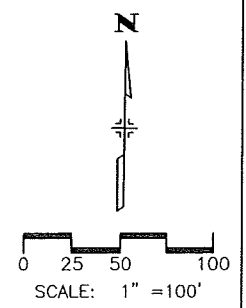
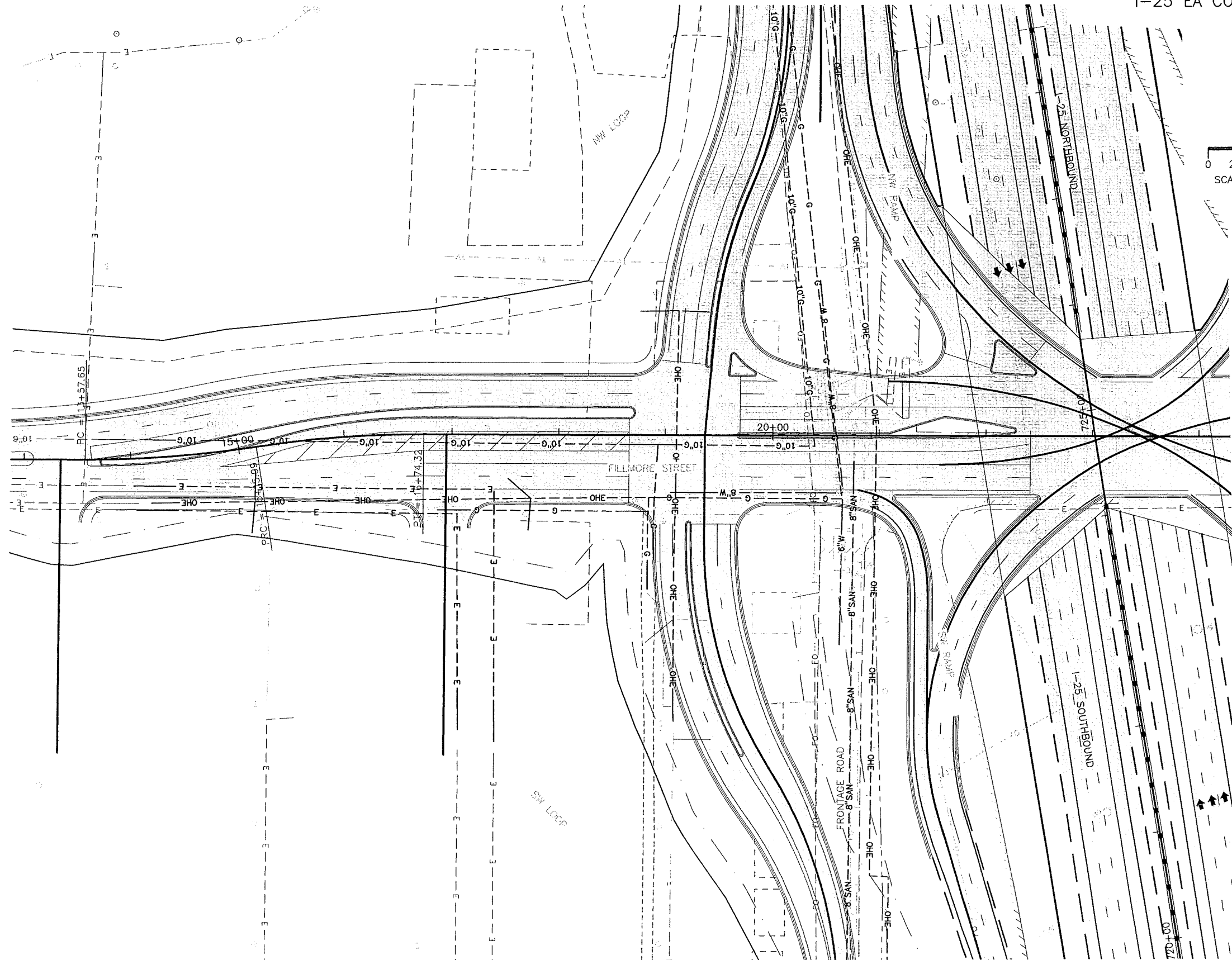


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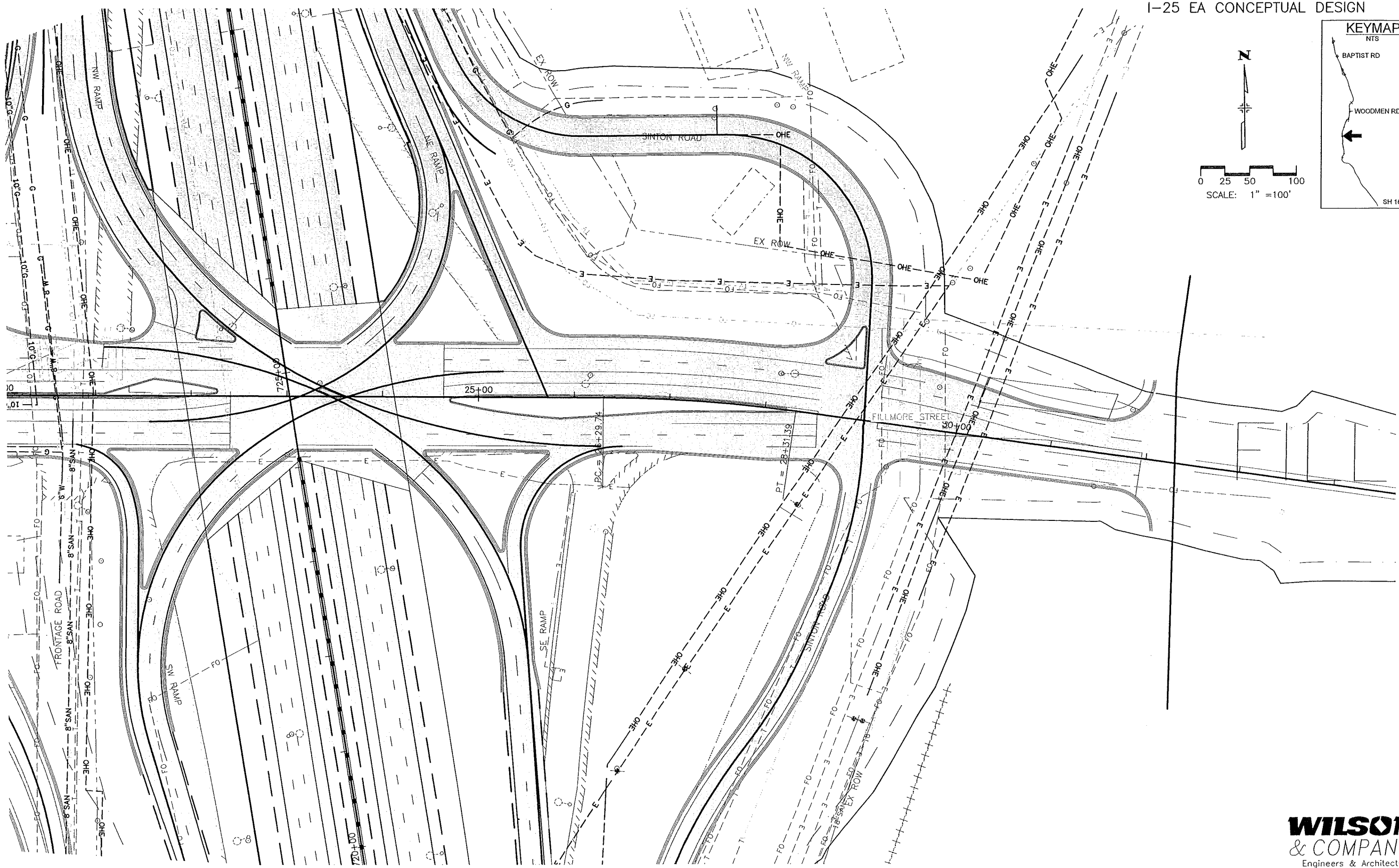
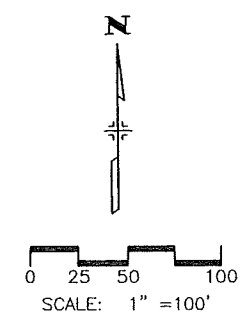
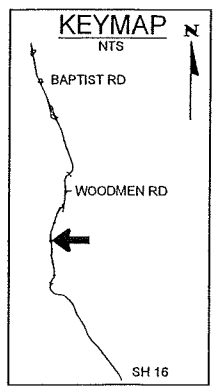
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Colorado Department of Transportation



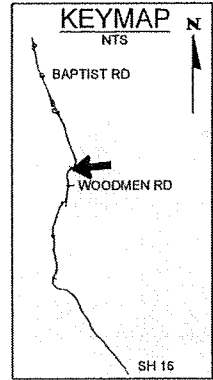
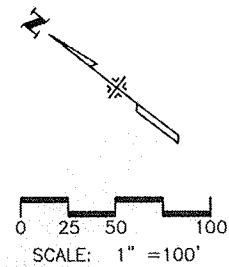
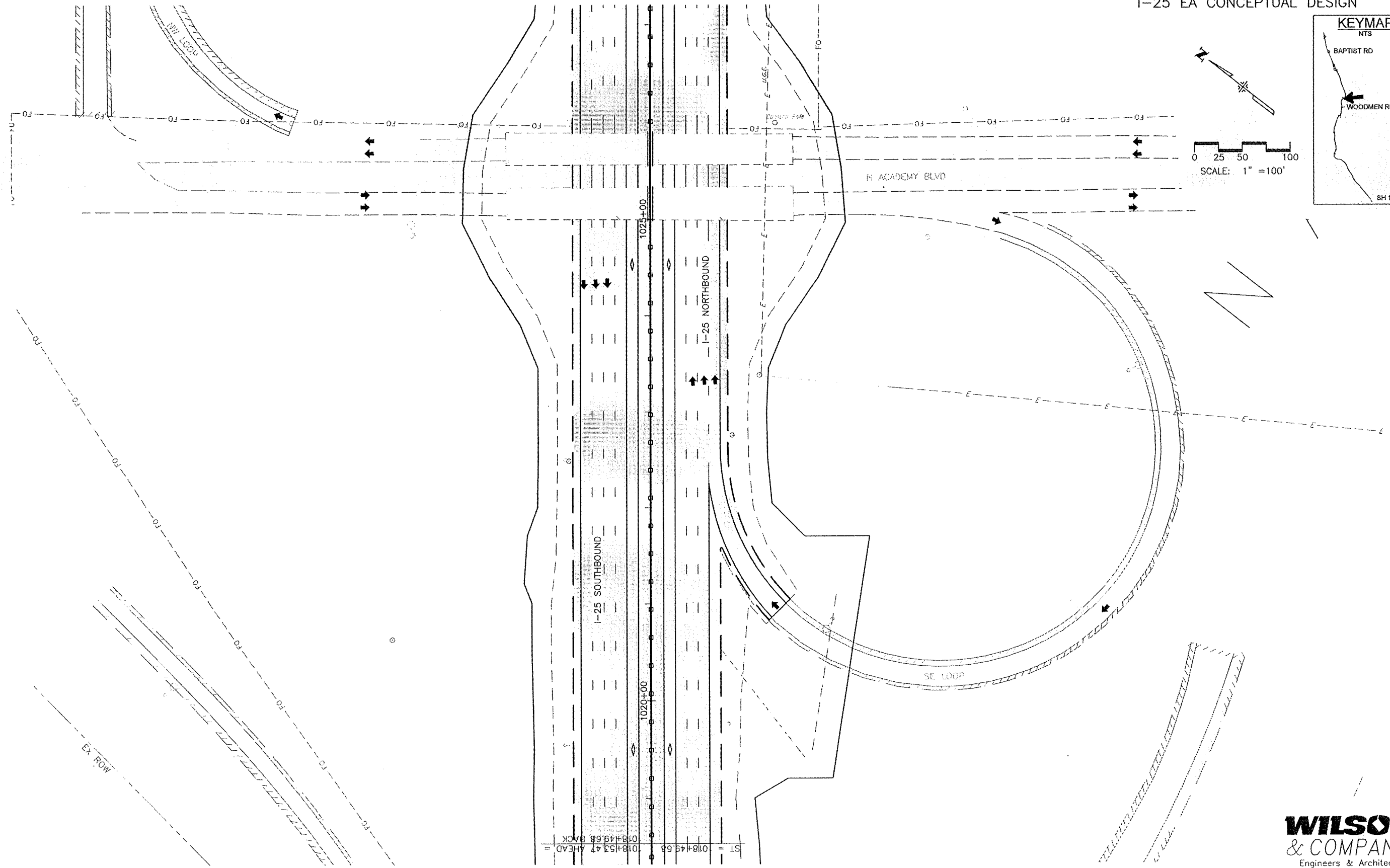
1480 Quail Lake Loop - Suite A
Colorado Springs, Colorado 80906
Phone: (719) 634-2323 Fax: (719) 227-3298

Region No. 2

As Constructed
No Revisions:
Revised:
Void:

Fillmore St. & I-25 Roadway Plan	
Designer:	MAB
Detailer:	MAB
Sheet Subset: ROADWAY	Subset Sheet: 5 of 9


Project No./Code
XXX XXXX-XXX
XXXXX
Sheet Number



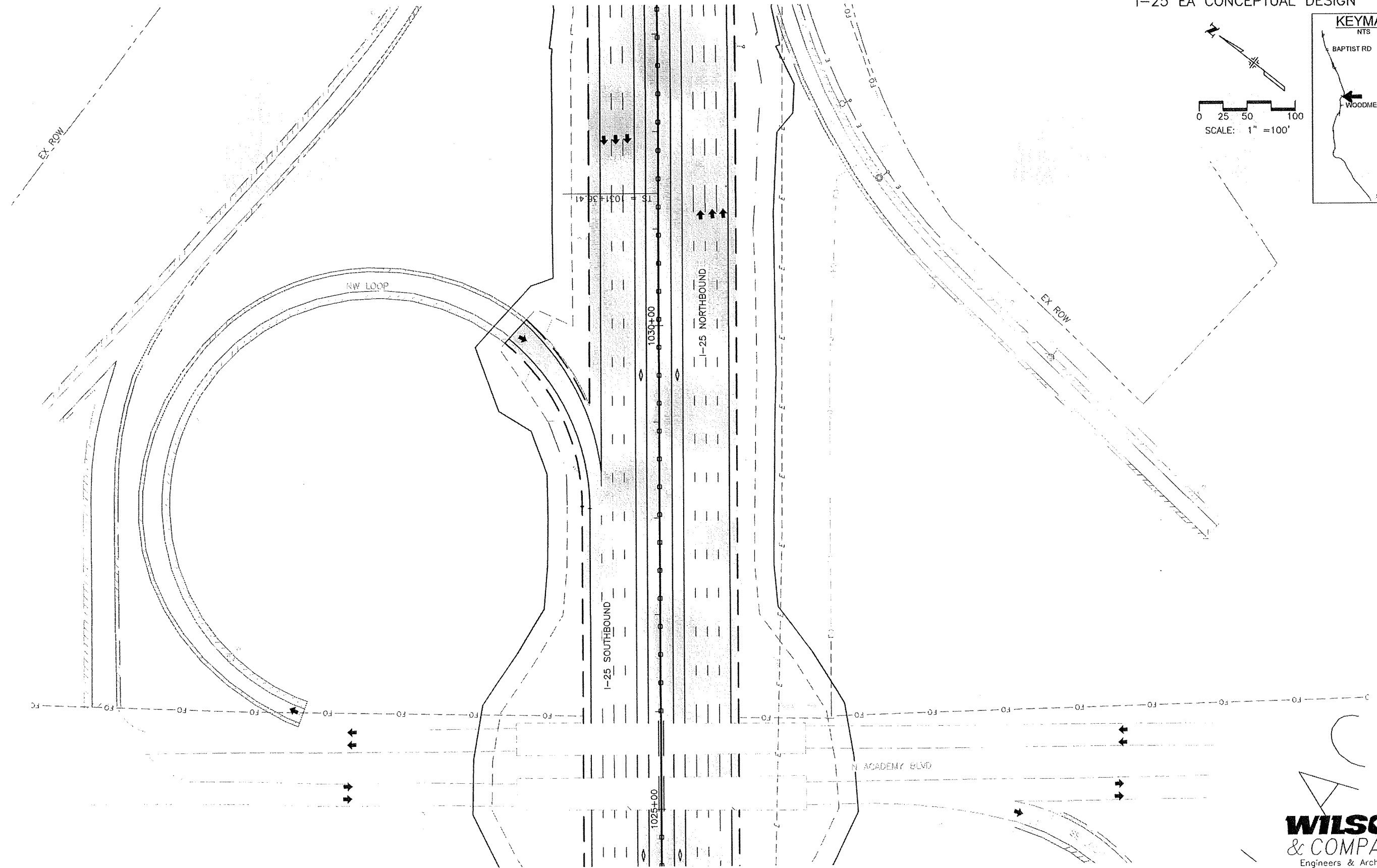
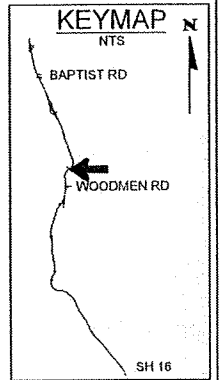
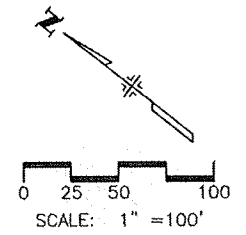
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ST = 1018+153.47 AHEAD =
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018+149.68 BACK


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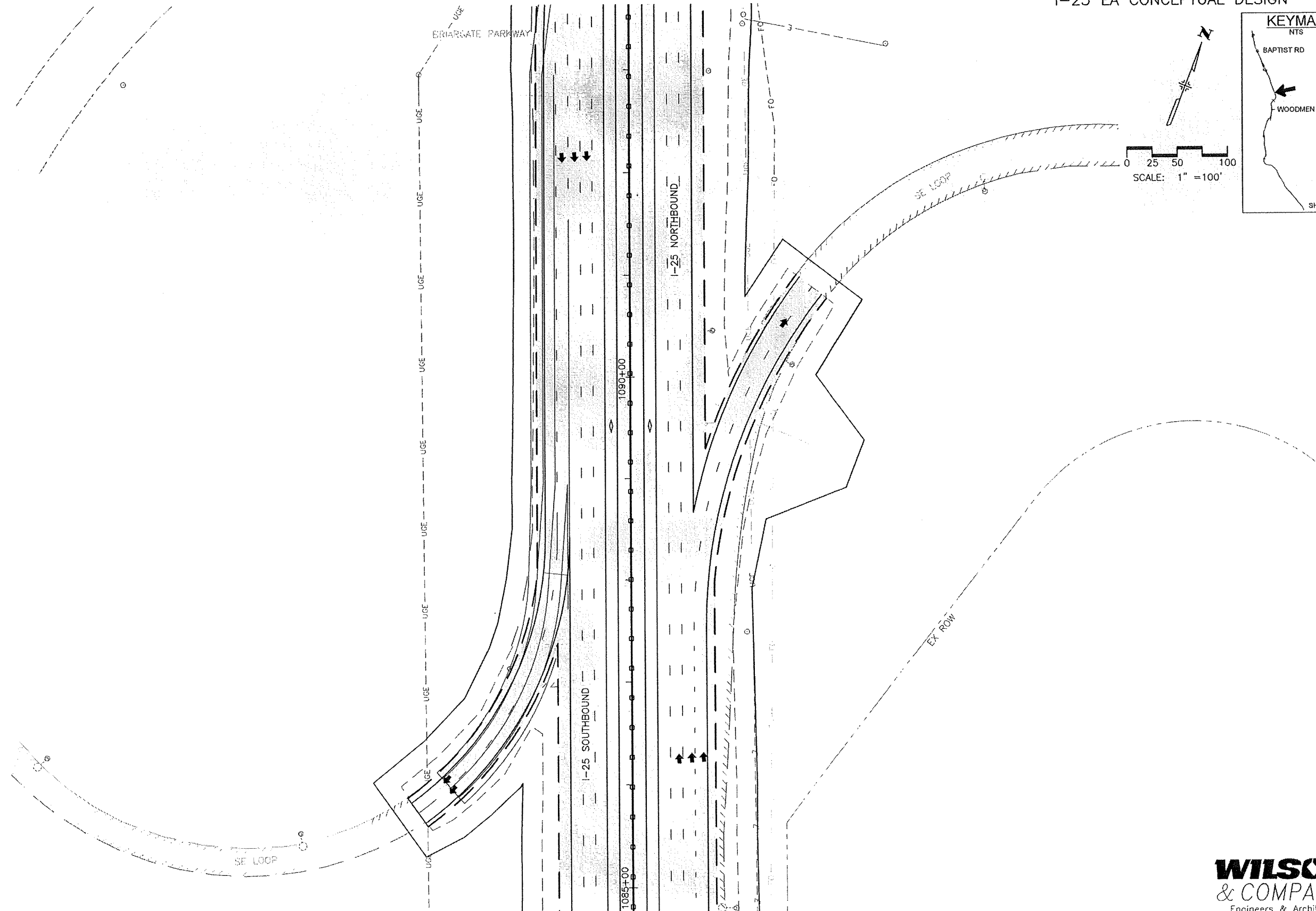
I-25 EA CONCEPTUAL DESIGN



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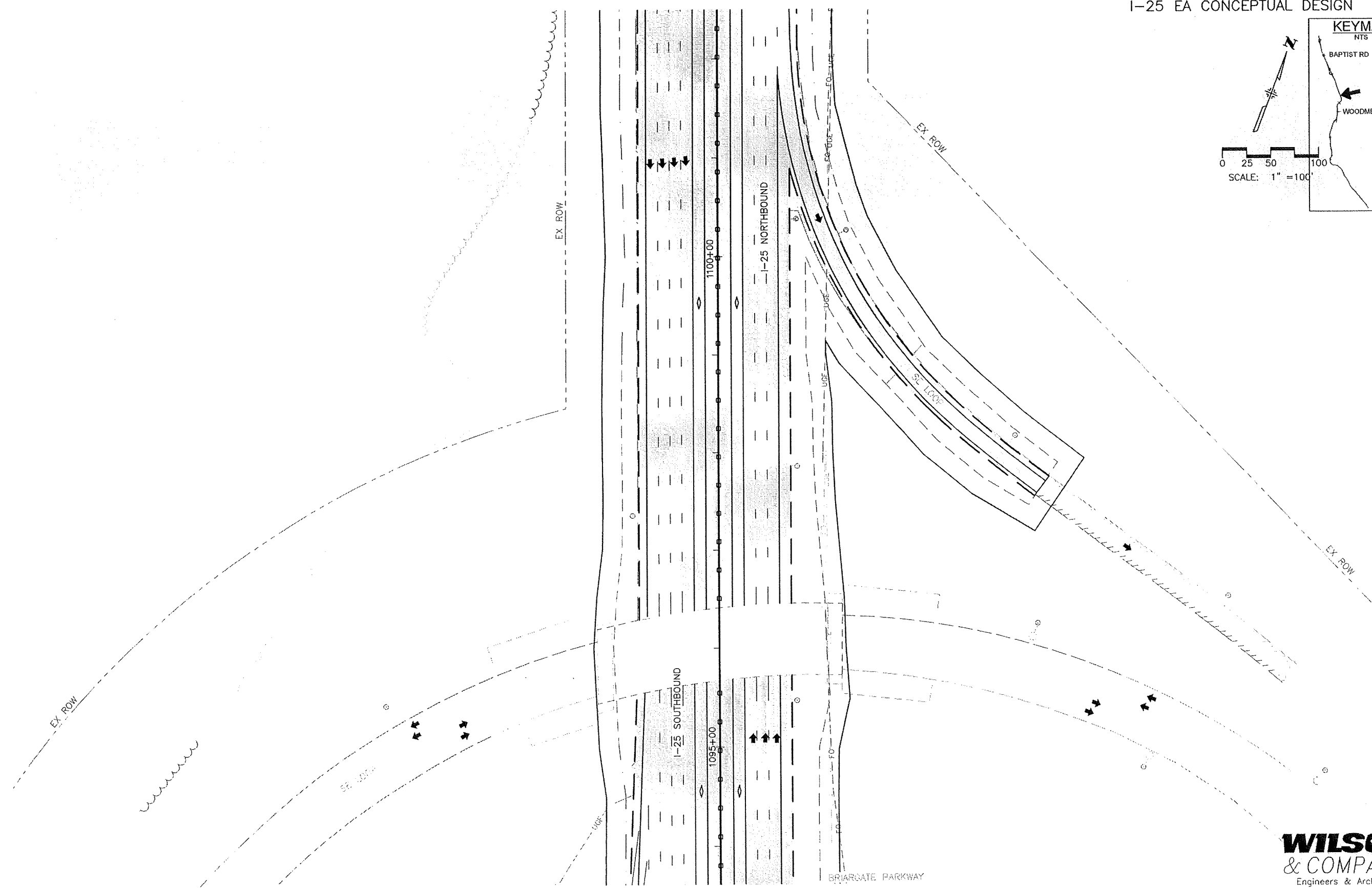
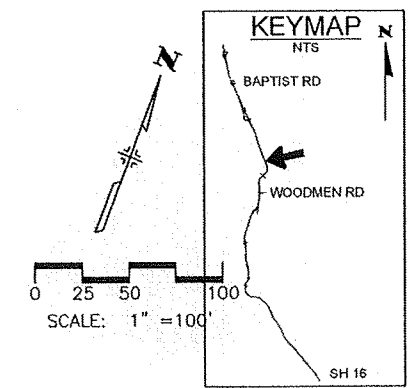
I-25 EA CONCEPTUAL DESIGN



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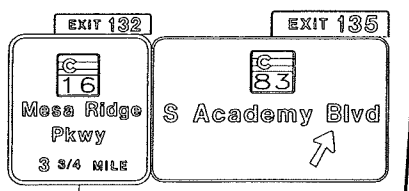
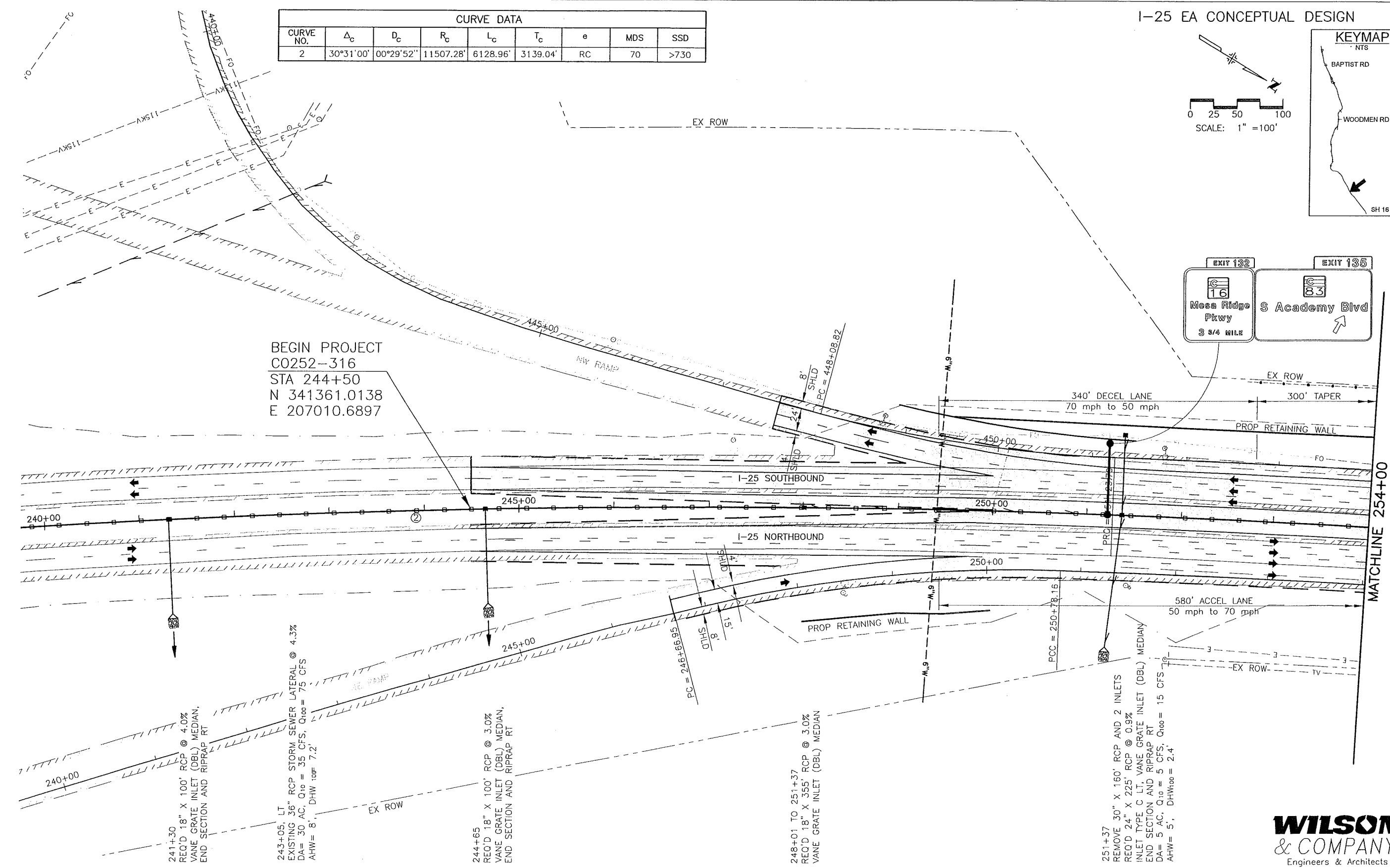
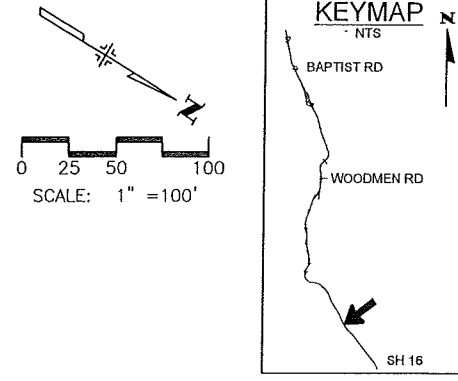
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I-25 EA CONCEPTUAL DESIGN

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BEGIN PROJECT
C0252-316
STA 244+50
N 341361.0138
E 207010.6897

241+30
REQ'D 18" X 100' RCP @ 4.0%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

243+05, LT
EXISTING 36" RCP STORM SEWER LATERAL @ 4.3%
DA = 30 AC, Q₁₀ = 35 CFS, Q₁₀₀ = 75 CFS
AHW = 8', DHW_{100F} = 7.2'

244+65
REQ'D 18" X 100' RCP @ 3.0%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

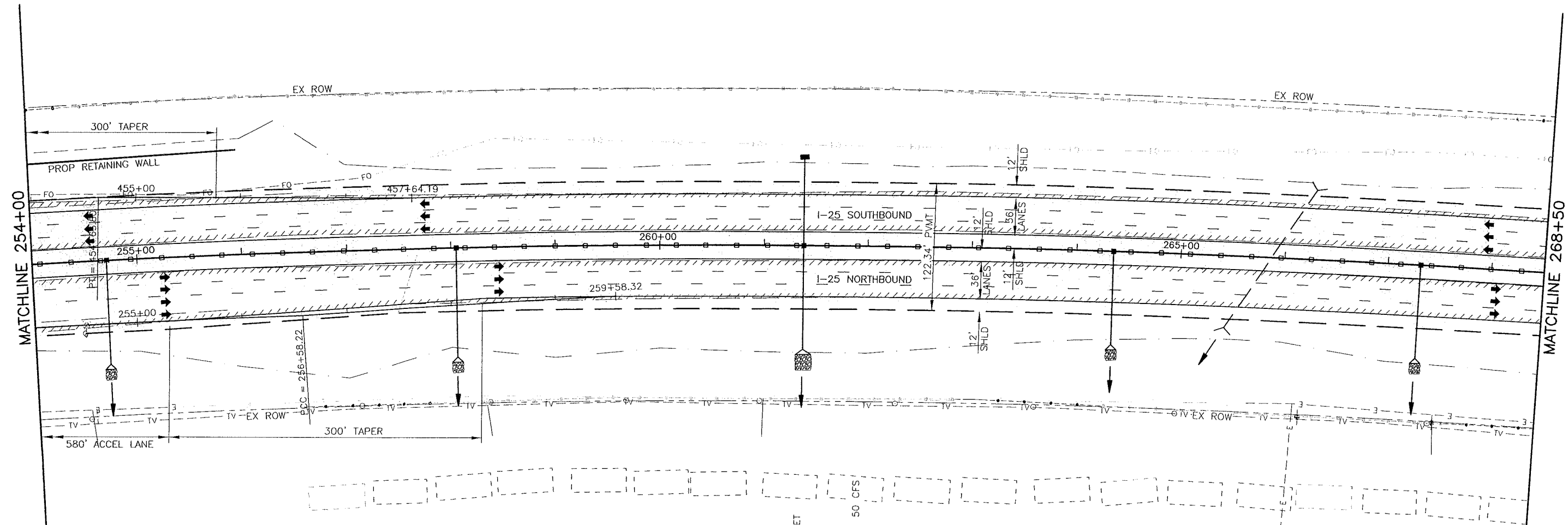
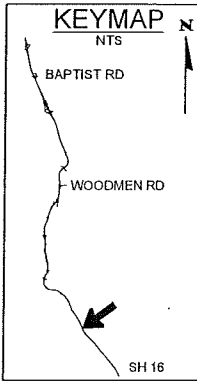
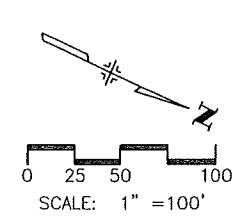
248+01 TO 251+37
REQ'D 18" X 355' RCP @ 3.0%
VANE GRATE INLET (DBL) MEDIAN

251+37
REMOVE 30" X 160' RCP AND 2 INLETS
REQ'D 24" X 225' RCP @ 0.9%
INLET TYPE C LT; VANE GRATE INLET (DBL) MEDIAN
END SECTION AND RIPRAP RT
DA = 5 AC, Q₁₀ = 5 CFS, Q₁₀₀ = 15 CFS
AHW = 5', DHW₁₀₀ = 2.4'

Computer File Information		Sheet Revisions		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	As Constructed	I-25 Roadway Plan 240+00 to 254+00		Project No./Code			
Creation Date: 10/30/01	Initials: MAB	(R-)			No Revisions:					C 0252-316	
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254+71
REQ'D 18" X 100' RCP @ 1.0%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

258+05
REQ'D 18" X 105' RCP @ 8.6%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

261+39
REMOVE 24" X 150' RCP AND INLET
REQ'D 36" X 185' RCP @ 2.2%
INLET TYPE C (TRIPLE) LT,
VANE GRATE INLET (DBL) MEDIAN
END SECTION AND RIPRAP RT
DA= 20 AC, Q₁₀ = 25 CFS, Q₁₀₀ = 50 CFS
AHW= 5', D_{HW100} = 4.2'

264+35
REQ'D 18" X 90' RCP @ 3.3%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

265+85
REMOVE 36" X 165' RCP
(ABANDONED IRRIGATION LATERAL)

267+31
REQ'D 18" X 90' RCP @ 2.2%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

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Computer File Information

Creation Date:	10/30/01	Initials:	MAB	(R-)	
Last Modification Date:	01/28/03	Initials:	MAB	(R-)	
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Sheet Revisions

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Region 2

JFF

As Constructed

No Revisions:	
Revised:	
Void:	

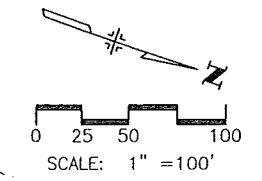
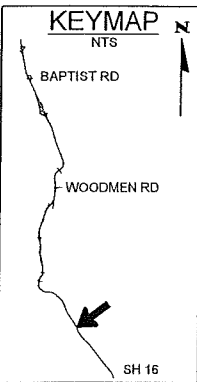
I-25 Roadway Plan
254+00 to 268+50

Designer:	MAB
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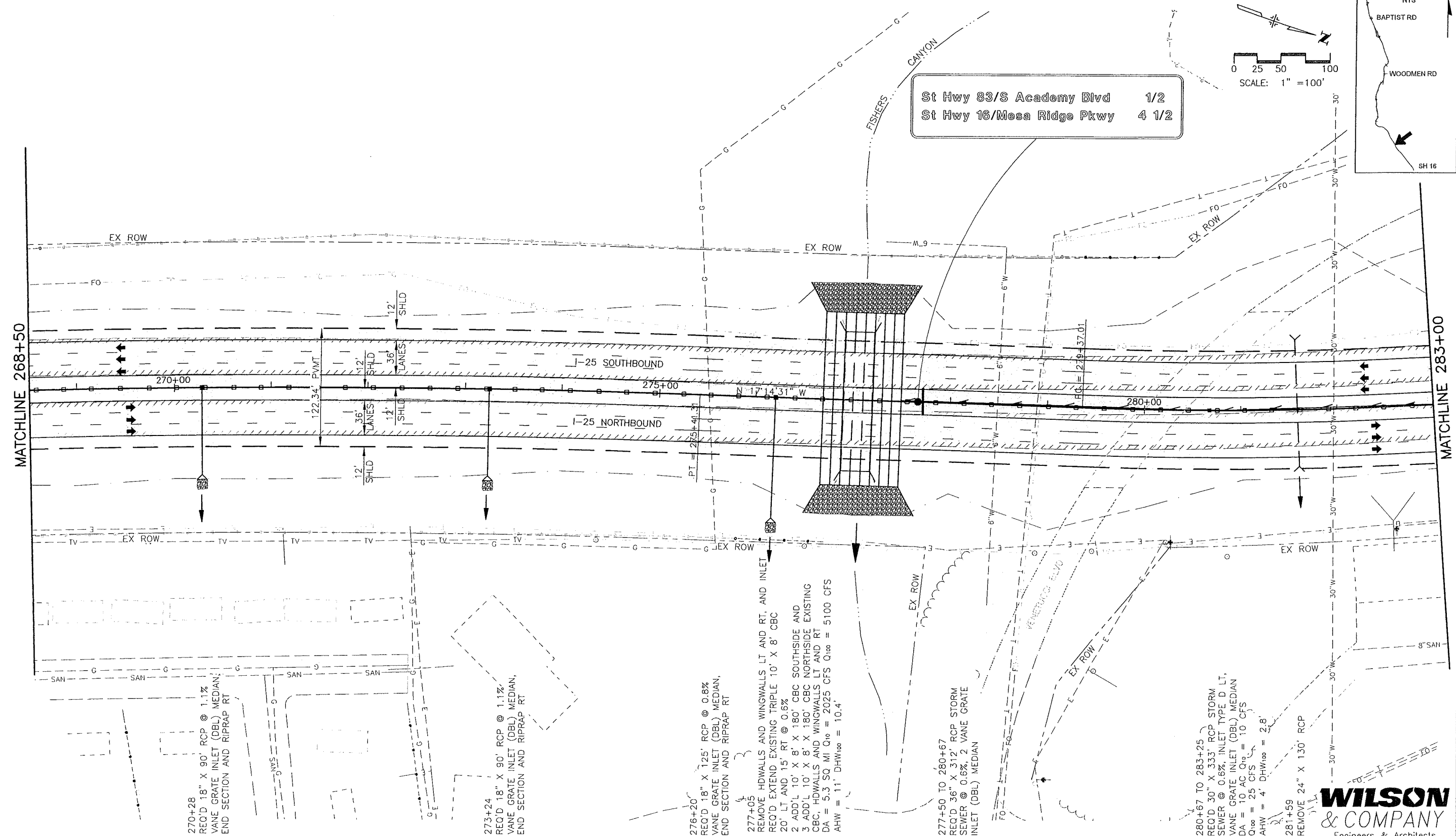
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Sheet Number

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St Hwy 83/S Academy Blvd 1/2
St Hwy 16/Mesa Ridge Pkwy 4 1/2



270+28
REQ'D 18" X 90' RCP @ 1.1%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

273+24
REQ'D 18" X 90' RCP @ 1.1%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

276+20
REQ'D 18" X 125' RCP @ 0.8%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

277+05
REMOVE HDWALLS AND WINGWALLS LT AND RT, AND INLET
REQ'D EXTEND EXISTING TRIPLE 10' X 8' CBC
20' LT AND 15' RT @ 0.6%
3. ADD 'L 10' X 8' X 180' CBC SOUTHSIDE AND
CBC, HDWALLS AND WINGWALLS LT AND RT
DA = 5.3 SQ MI Q₁₀ = 2025 CFS Q₁₀₀ = 5100 CFS
AHW = 11' DHW₁₀₀ = 10.4'

277+50 TO 280+67
REQ'D 36" X 312' RCP STORM
SEWER @ 0.6%, 2 VANE GRATE
INLET (DBL) MEDIAN

280+67 TO 283+25
REQ'D 30" X 333' RCP STORM
SEWER @ 0.6%, INLET TYPE D LT,
VANE GRATE INLET (DBL) MEDIAN
DA = 10 AC Q₁₀ = 10 CFS
Q₁₀₀ = 25 CFS
AHW = 4' DHW₁₀₀ = 2.8'

281+59
REMOVE 24" X 130' RCP

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Computer File Information

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Last Modification Date:	01/28/03	Initials:	MAB
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Sheet Revisions

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Region 2

JFF

As Constructed

No Revisions:
Revised:
Void:

I-25 Roadway Plan
268+50 to 283+00

Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	3 of 113

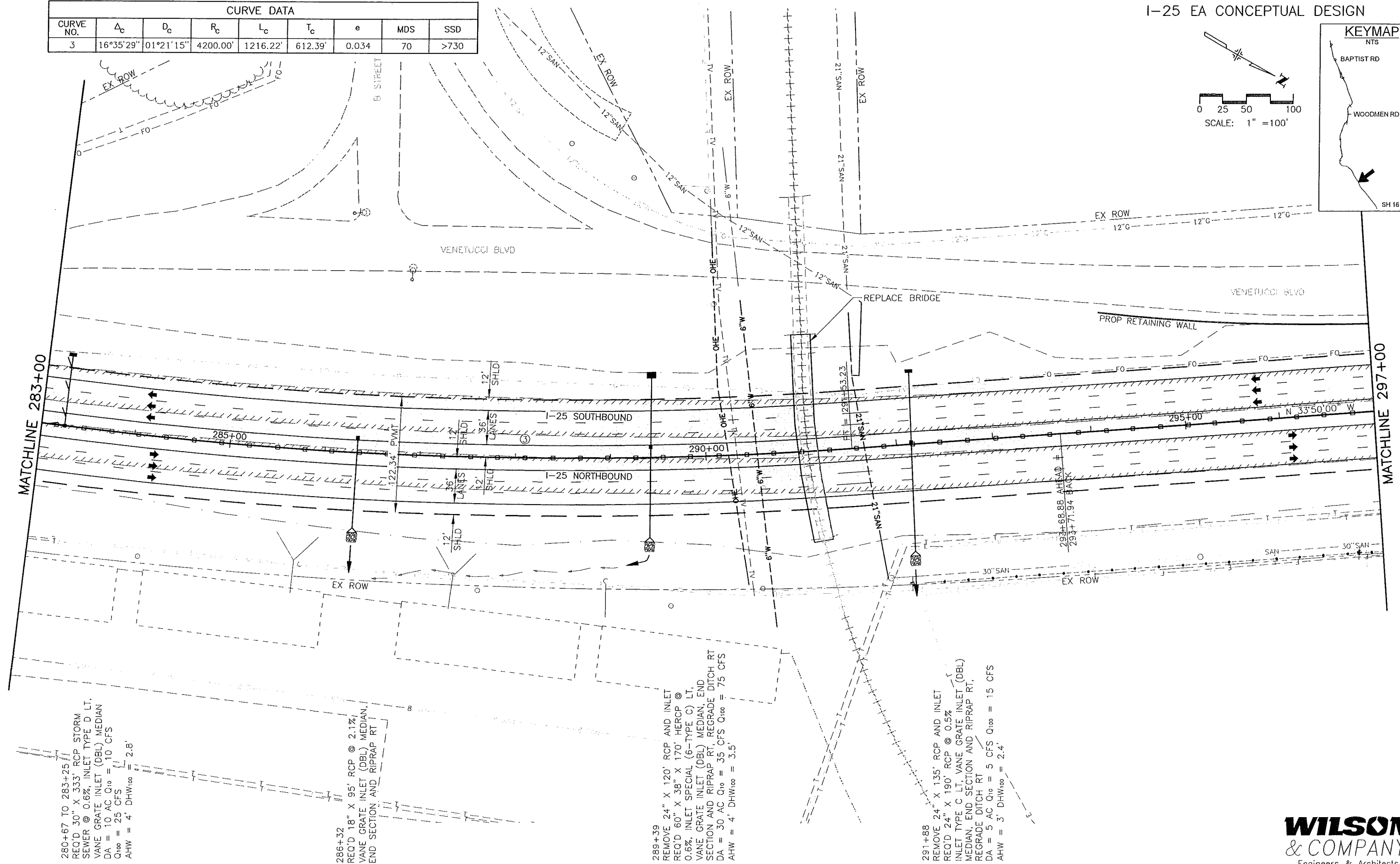
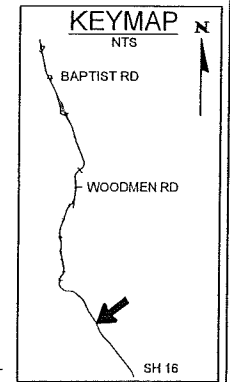
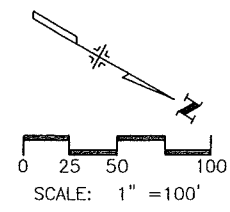
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I-25 EA CONCEPTUAL DESIGN



280+67 TO 283+25
REQ'D 30" X 333' RCP STORM
SEWER @ 0.6% INLET TYPE D LT,
VANE GRATE INLET (DBL) MEDIAN
DA = 10 AC Q₁₀ = 10 CFS
Q₁₀₀ = 25 CFS
AHW = 4' DHW₁₀₀ = 2.8'

286+32
REQ'D 18" X 95' RCP @ 2.1%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

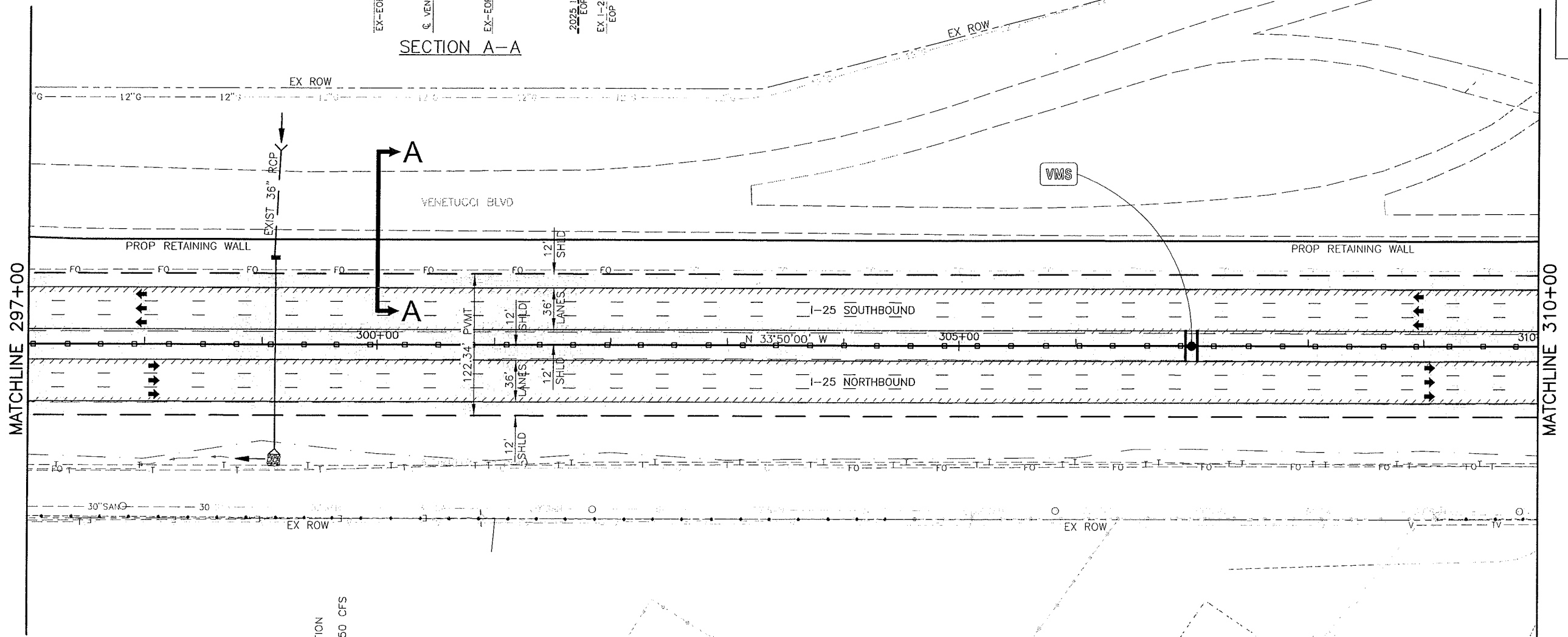
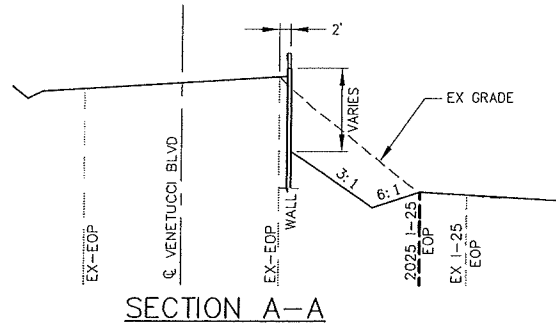
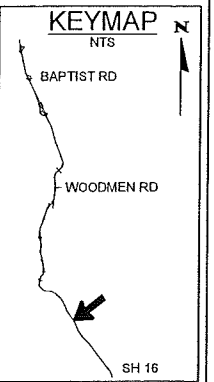
289+39
REMOVE 24" X 120' RCP AND INLET
REQ'D 60" X 38" X 170' HERCP @
0.6% INLET SPECIAL (6-TYPE C) LT,
VANE GRATE INLET (DBL) MEDIAN, END
SECTION AND RIPRAP RT, REGRADE DITCH RT
DA = 30 AC Q₁₀ = 35 CFS Q₁₀₀ = 75 CFS
AHW = 4' DHW₁₀₀ = 3.5'

291+88
REMOVE 24" X 135' RCP AND INLET
REQ'D 24" X 190' RCP @ 0.5%
INLET TYPE C LT, VANE GRATE INLET (DBL)
MEDIAN, END SECTION AND RIPRAP RT,
REGRADE DITCH RT
DA = 5 AC Q₁₀ = 5 CFS Q₁₀₀ = 15 CFS
AHW = 3' DHW₁₀₀ = 2.4'

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 283+00 to 297+00		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB	(R-)	<p>1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298</p>	No Revisions:		Designer: MAB Detailer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB	(R-)		Revised:				12210	
Full Path:	P:\983100913\ACAD\SHEETS			(R-)		Void:		Sheet Subset: ROADWAY		Subset Sheet: 4 of 113	
Drawing File Name:	RDPL1-5.DWG			(R-)		Region 2		JFF		Sheet Number	
Acad Ver.	2000	Scale:	As Shown	Units:	English						

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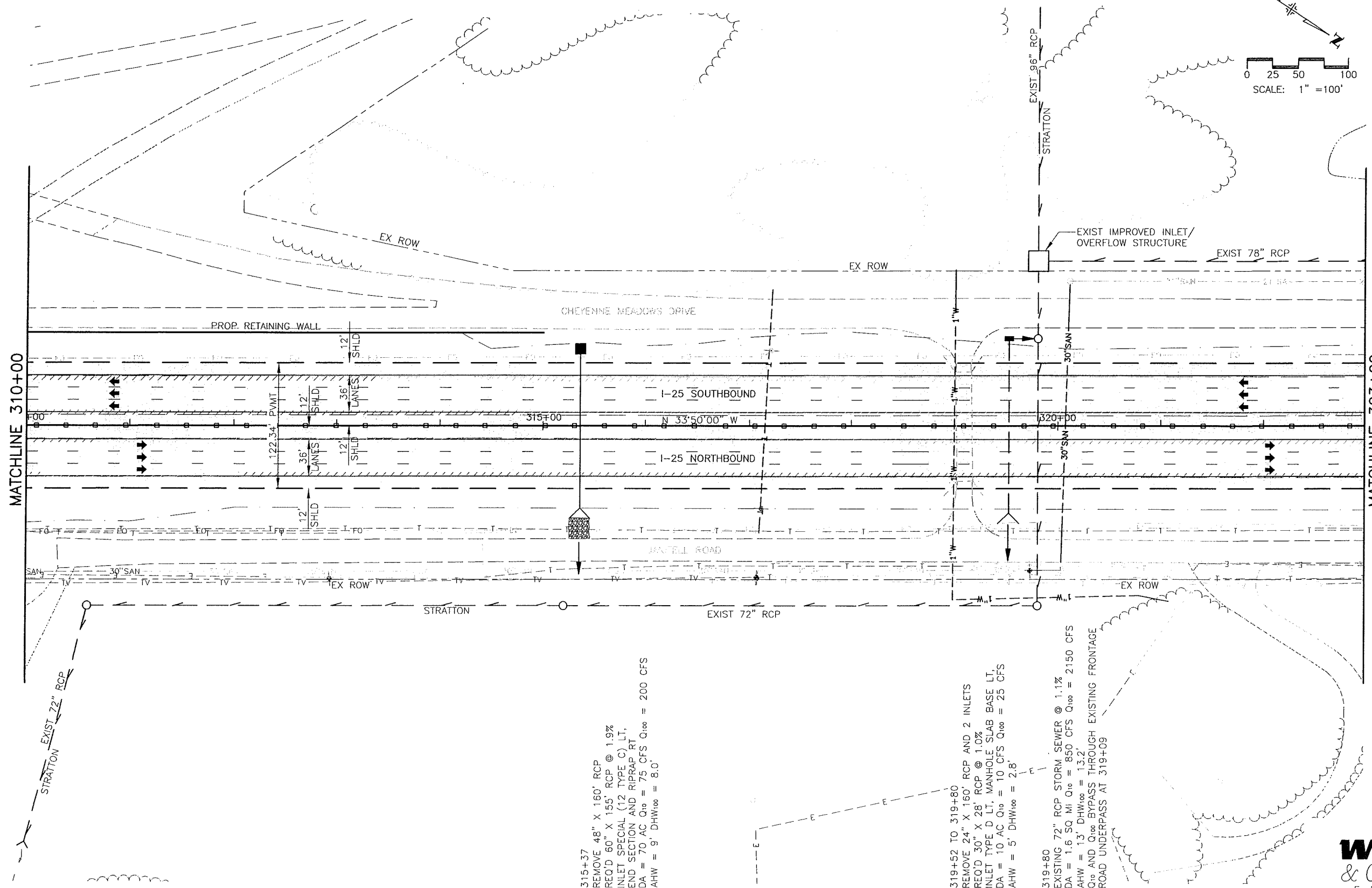
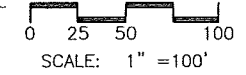
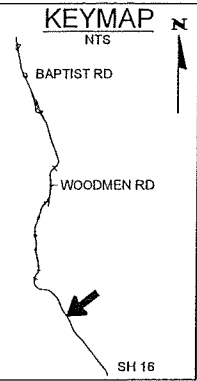


299+11
 REMOVE .36" X 140' RCP AND INLET
 REQ'D .36" X 165' RCP @ 0.6%
 INLET TYPE C (TRIPLE) LT. END SECTION
 AND RIPRAP RT, GRADE DITCH RT
 DA = 20 AC Q₁₀ = 25 CFS Q₁₀₀ = 50 CFS
 AHW = 5' DHW₁₀₀ = 4.2'



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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 297+00 to 310+00		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB				No Revisions:			C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB				Revised:		Designer:	MAB	12210
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Drawing File Name:	RDPL1-5.DWG								Sheet Subset:	ROADWAY	Sheet Number
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF	Subst Sheet:	5 of 113	




315+37
 REMOVE 48" X 160' RCP
 REQ'D 60" X 155' RCP @ 1.9%
 INLET SPECIAL (12 TYPE C) LT,
 END SECTION AND RIPRAP RT.
 DA = 70' AC Q₁₀₀ = 75 CFS Q₁₀₀₀ = 200 CFS
 AHW = 9' D_{HW100} = 8.0'

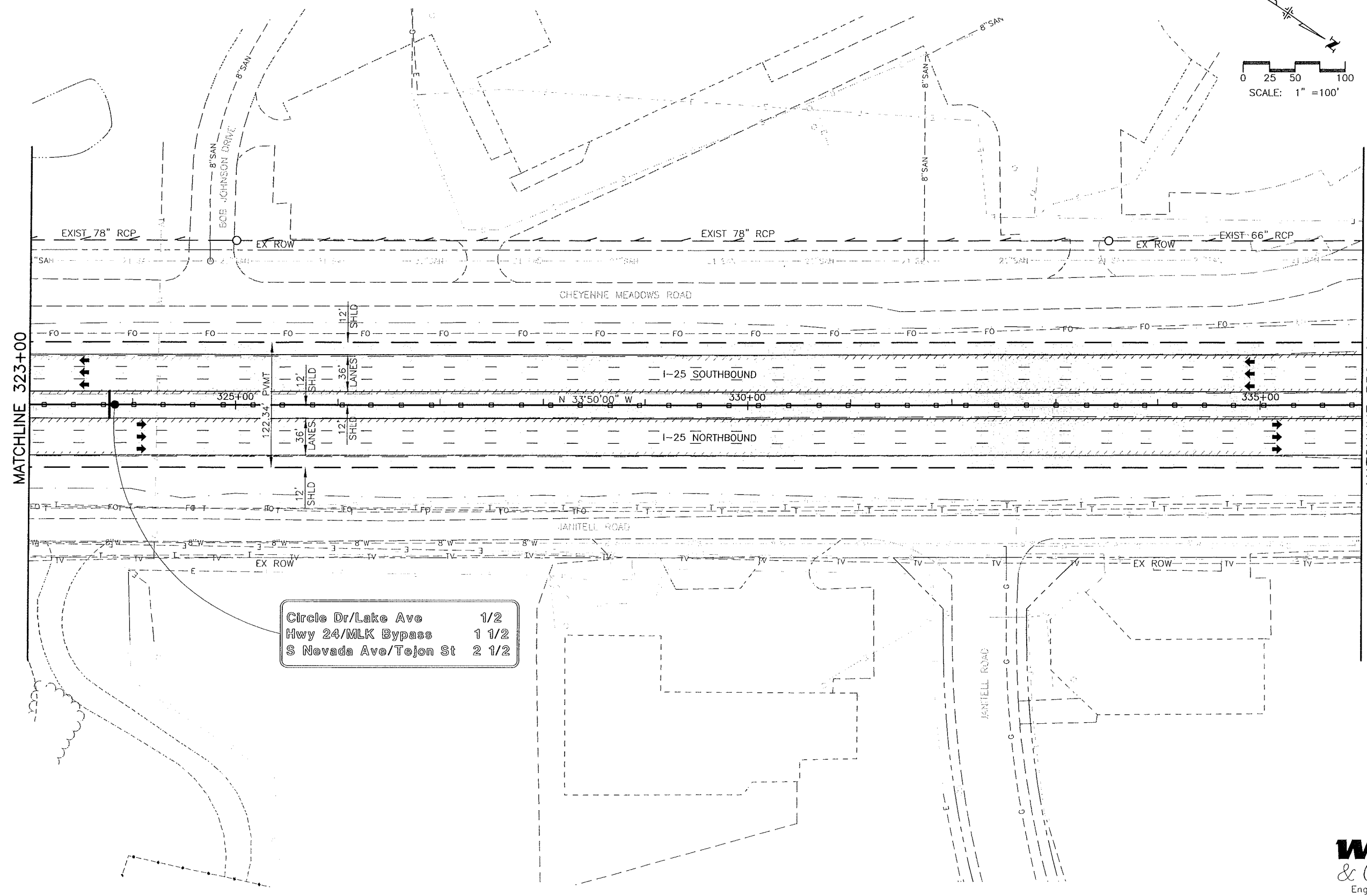
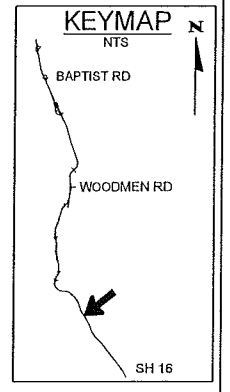
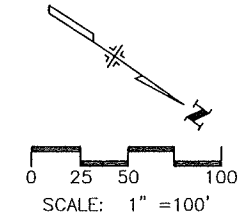
319+52 TO 319+80
 REMOVE 24" X 160' RCP AND 2 INLETS
 REQ'D 30" X 28' RCP @ 1.0%
 INLET TYPE D LT, MANHOLE SLAB BASE LT,
 DA = 10' AC Q₁₀ = 10 CFS Q₁₀₀ = 25 CFS
 AHW = 5' D_{HW100} = 2.8'

319+80
 EXISTING 72" RCP STORM SEWER @ 1.1%
 DA = 1.6' SQ MI Q₁₀ = 850 CFS Q₁₀₀ = 2150 CFS
 AHW = 13' D_{HW100} = 13.2'
 Q₁₀ AND Q₁₀₀ BYPASS THROUGH EXISTING FRONTAGE
 ROAD UNDERPASS AT 319+09




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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 310+00 to 323+00		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:		12210		
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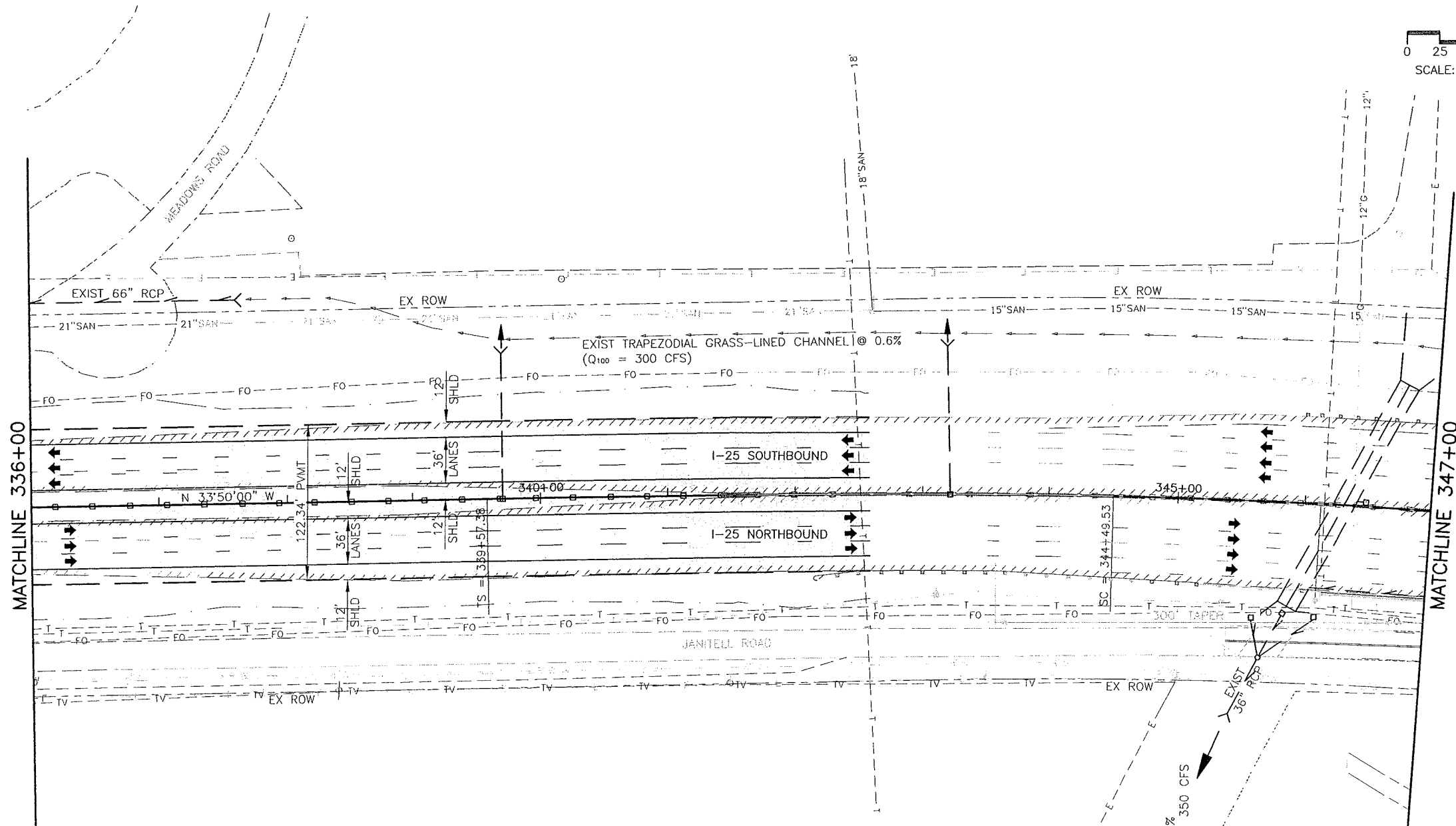
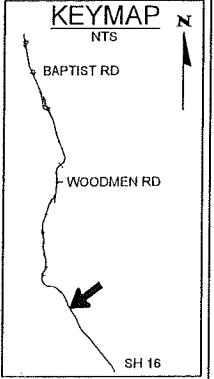
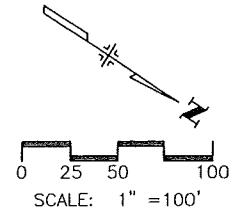


Circle Dr/Lake Ave 1/2
 Hwy 24/MLK Bypass 1 1/2
 S Nevada Ave/Tejon St 2 1/2

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 323+00 to 336+00		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB	(R-)	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		Designer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB	(R-)		Revised:		Detailer: MAB		12210	
Full Path:	P:\983100913\ACAD\SHEETS			(R-)		Void:		Sheet Subset: ROADWAY		Subset Sheet: 7 of 113	
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Acad Ver.	2000	Scale:	As Shown	Units:	English	(R-)					

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MATCHLINE 336+00

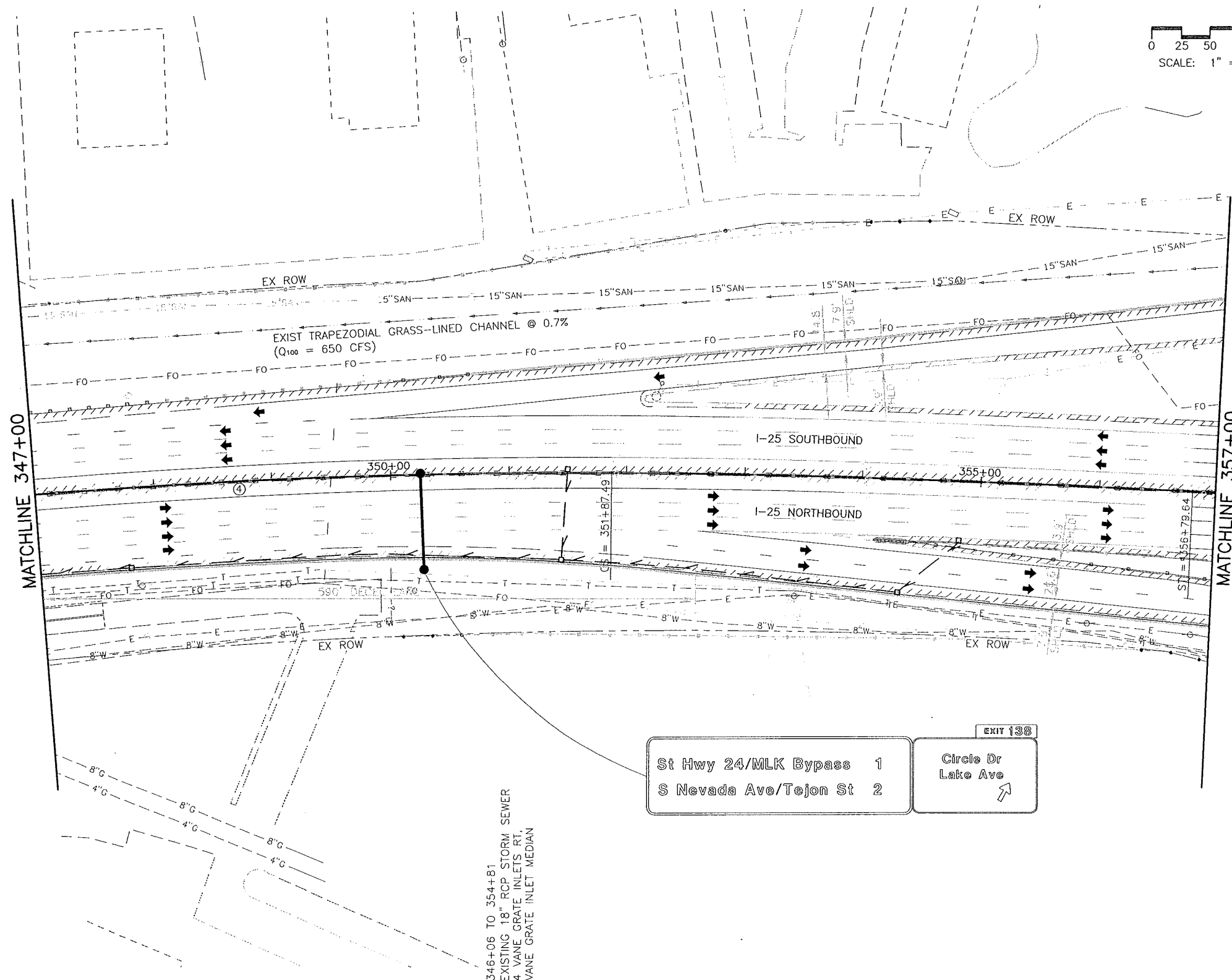
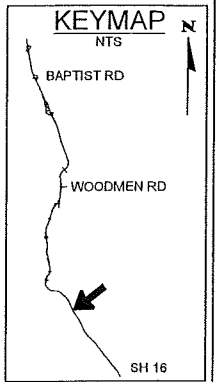
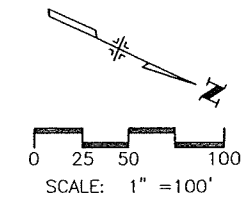
MATCHLINE 347+00



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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 336+00 to 347+00		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB	(R-)		1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:			C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:	Designer:	MAB	12210	
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Drawing File Name:	RDPL6-15.DWG			(R-)			Sheet Subset: ROADWAY		Subset Sheet:	8 of 113	Sheet Number
Acad Ver.	2000	Scale:	As Shown	Units:	English						

CURVE DATA															
CURVE NO.	Δ_s	T_s	E_s	θ_s	L_s	L_t	S_t	Δ_c	D_c	T_c	L_c	R_c	e	MDS	SSD
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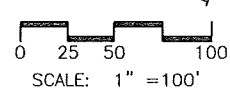
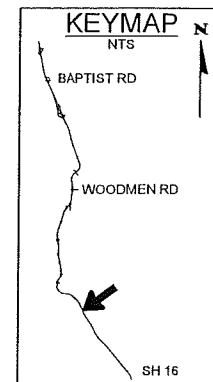


3+46+06 TO 3+54+81
 EXISTING 18" RCP STORM SEWER
 4 VANE GRATE INLETS RT,
 VANE GRATE INLET MEDIAN

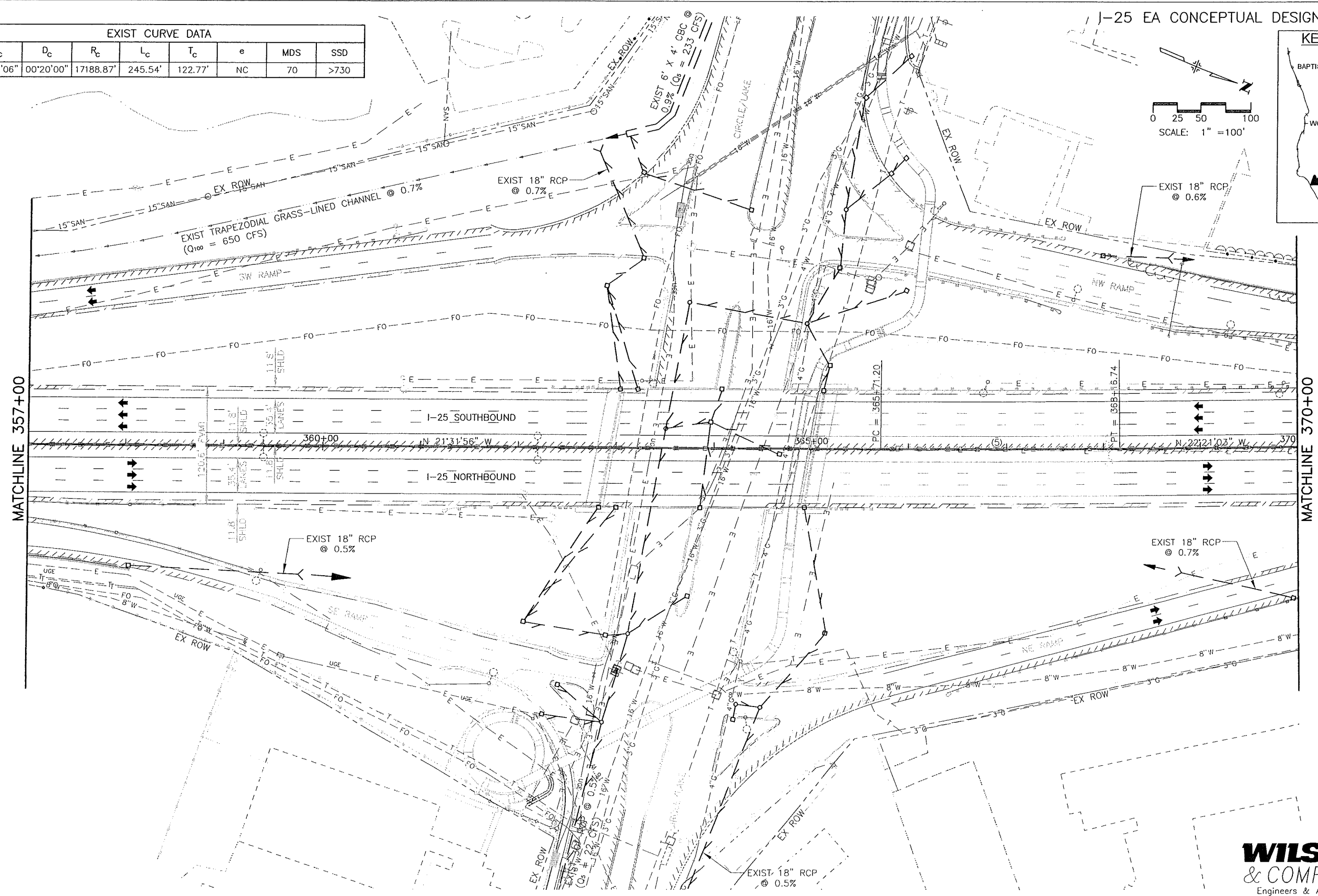
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 347+00 to 357+00		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210	
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Acad Ver.	2000	Scale:	As Shown	Units:		English					

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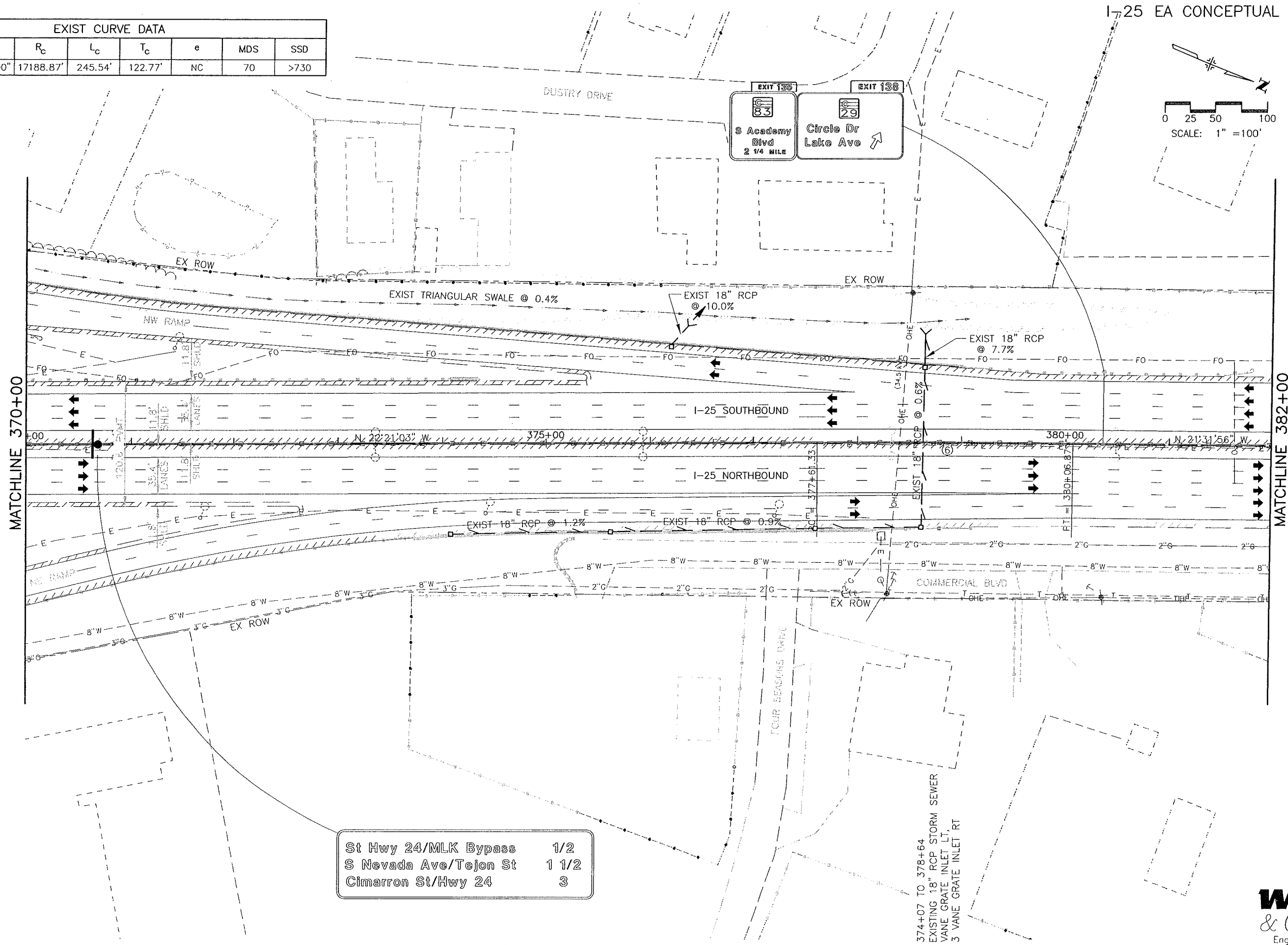
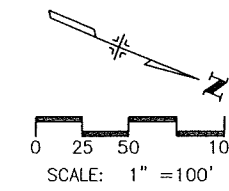
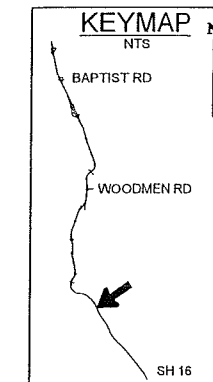
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 357+00 to 370+00		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB	(R-)		1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:		12210		
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Drawing File Name:	RDPL6-15.DWG	(R-)		(R-)			Sheet Subset: ROADWAY		Subset Sheet: 10 of 113		
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EXIST CURVE DATA								
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I-25 EA CONCEPTUAL DESIGN




MATCHLINE 370+00

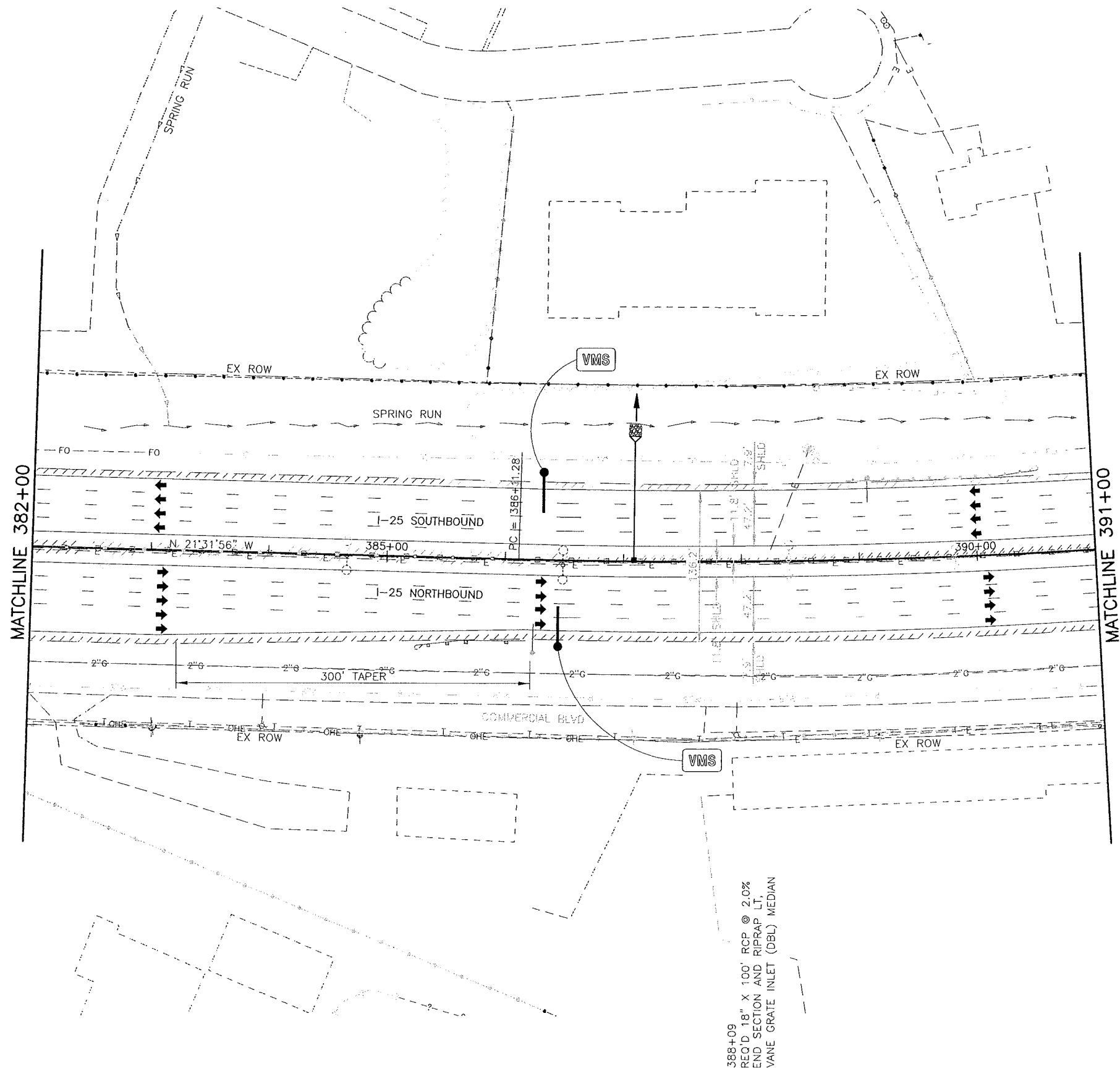
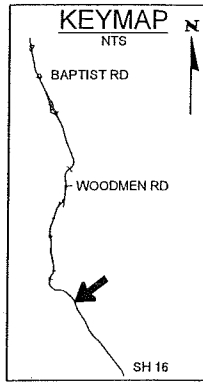
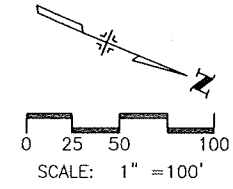
MATCHLINE 382+00

St Hwy 24/MLK Bypass	1/2
S Nevada Ave/Tejon St	1 1/2
Cimarron St/Hwy 24	3


374+07 TO 378+64
EXISTING 18" RCP STORM SEWER
VANE GRATE INLET LT,
5 VANE GRATE INLET RT

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		370+00 to 382+00		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				Designer: MAB Detailer: MAB	
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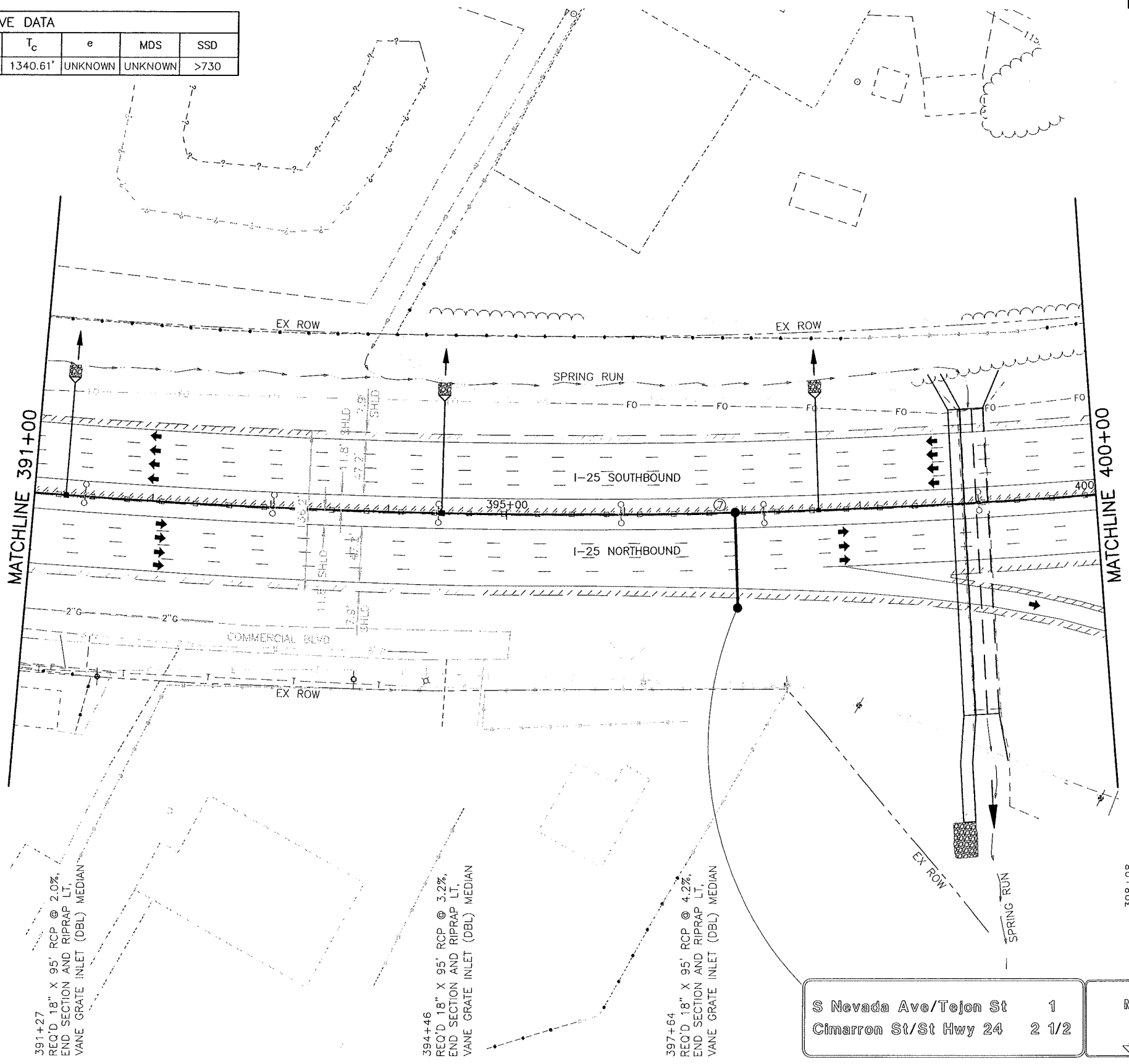
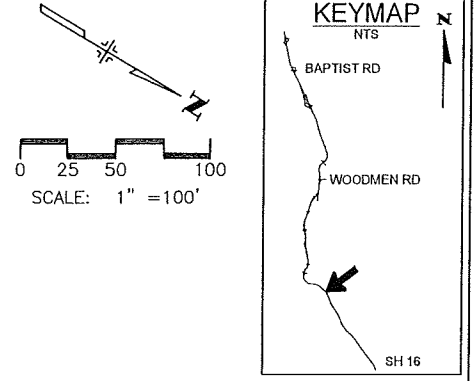


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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 382+00 to 391+00		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:		12210		
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Acad Ver.	2000	Scale:	As Shown	Units:	English	(R-)				Sheet Number	

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391+27
REQ'D 18" X 95" RCP @ 2.0%,
END SECTION AND RIPRAP LT,
VANE GRATE INLET (DBL) MEDIAN

394+46
REQ'D 18" X 95" RCP @ 3.2%,
END SECTION AND RIPRAP LT,
VANE GRATE INLET (DBL) MEDIAN

397+64
REQ'D 18" X 95" RCP @ 4.2%,
END SECTION AND RIPRAP LT,
VANE GRATE INLET (DBL) MEDIAN

398+98
REMOVE PORTIONS OF HDWALLS AND WINGWALLS LT AND RT
REQ'D ADD'L 10' X 6' X 255' CBC @ 1.0%
MODIFY HDWALL, WINGWALL AND ENERGY DISSIPATOR RT,
RIPRAP RT
DA = 3.1 SQ MI Q₁₀ = 1375 CFS Q₁₀₀ = 3400 CFS
AHW = 16' DHW₁₀₀ = 13.0'

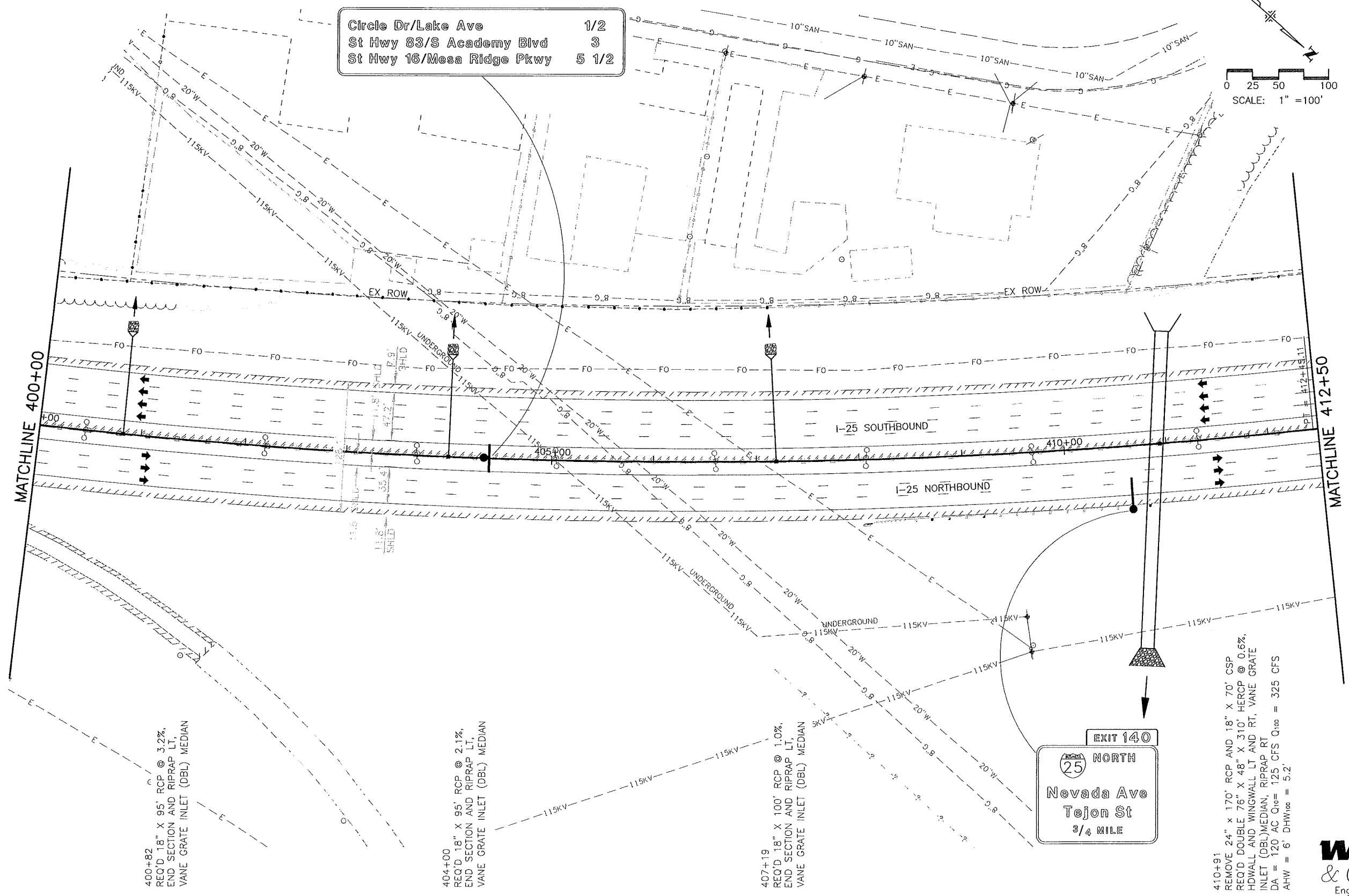
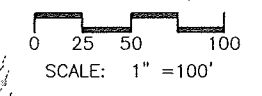
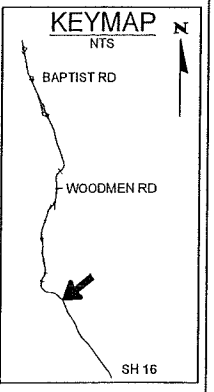
S Nevada Ave/Tejon St	1	EXIT 130
Cimarron St/St Hwy 24	2 1/2	
MLK Bypass		EXIT ONLY



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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB			1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:	391+00 to 400+00		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB				Revised:	Designer:	MAB	12210	
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Drawing File Name:	RDPL6-15.DWG					JFF	Sheet Subset: ROADWAY	Subset Sheet:	13 of 113	Sheet Number	
Acad Ver.	2000	Scale:	As Shown	Units:	English						

Circle Dr/Lake Ave 1/2
 St Hwy 83/S Academy Blvd 3
 St Hwy 16/Mesa Ridge Pkwy 5 1/2

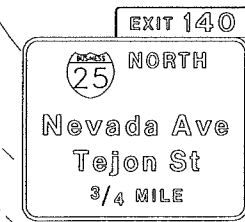


400+82
 REQ'D 18" X 95" RCP @ 3.2%,
 END SECTION AND RIPRAP LT,
 VANE GRATE INLET (DBL) MEDIAN

404+00
 REQ'D 18" X 95" RCP @ 2.1%,
 END SECTION AND RIPRAP LT,
 VANE GRATE INLET (DBL) MEDIAN

407+19
 REQ'D 18" X 100" RCP @ 1.0%,
 END SECTION AND RIPRAP LT,
 VANE GRATE INLET (DBL) MEDIAN

410+91
 REMOVE 24" x 170" RCP AND 18" X 70" CSP
 REQ'D DOUBLE 76" X 48" X 310" HERCP @ 0.6%,
 HDWALL AND WINGWALL LT AND RT, VANE GRATE
 INLET (DBL) MEDIAN, RIPRAP RT
 DA = 120 AC Q₁₀₀ = 125 CFS Q₁₀₀ = 325 CFS
 AHW = 6' DHW₁₀₀ = 5.2'



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Computer File Information

Creation Date:	10/30/01	Initials:	MAB
Last Modification Date:	01/28/03	Initials:	MAB
Full Path:	P:\983100913\ACAD\3111\15.dwg		
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Units:	English		

Sheet Revisions

(R-)			
(R-)			
(R-)			
(R-)			

Colorado Department of Transportation



1480 Quail Lake Loop - Suite A
 Colorado Springs, Colorado 80906
 Phone: (719) 634-2323 Fax: (719) 227-3298

Region 2

JFF

As Constructed

No Revisions:	
Revised:	
Void:	

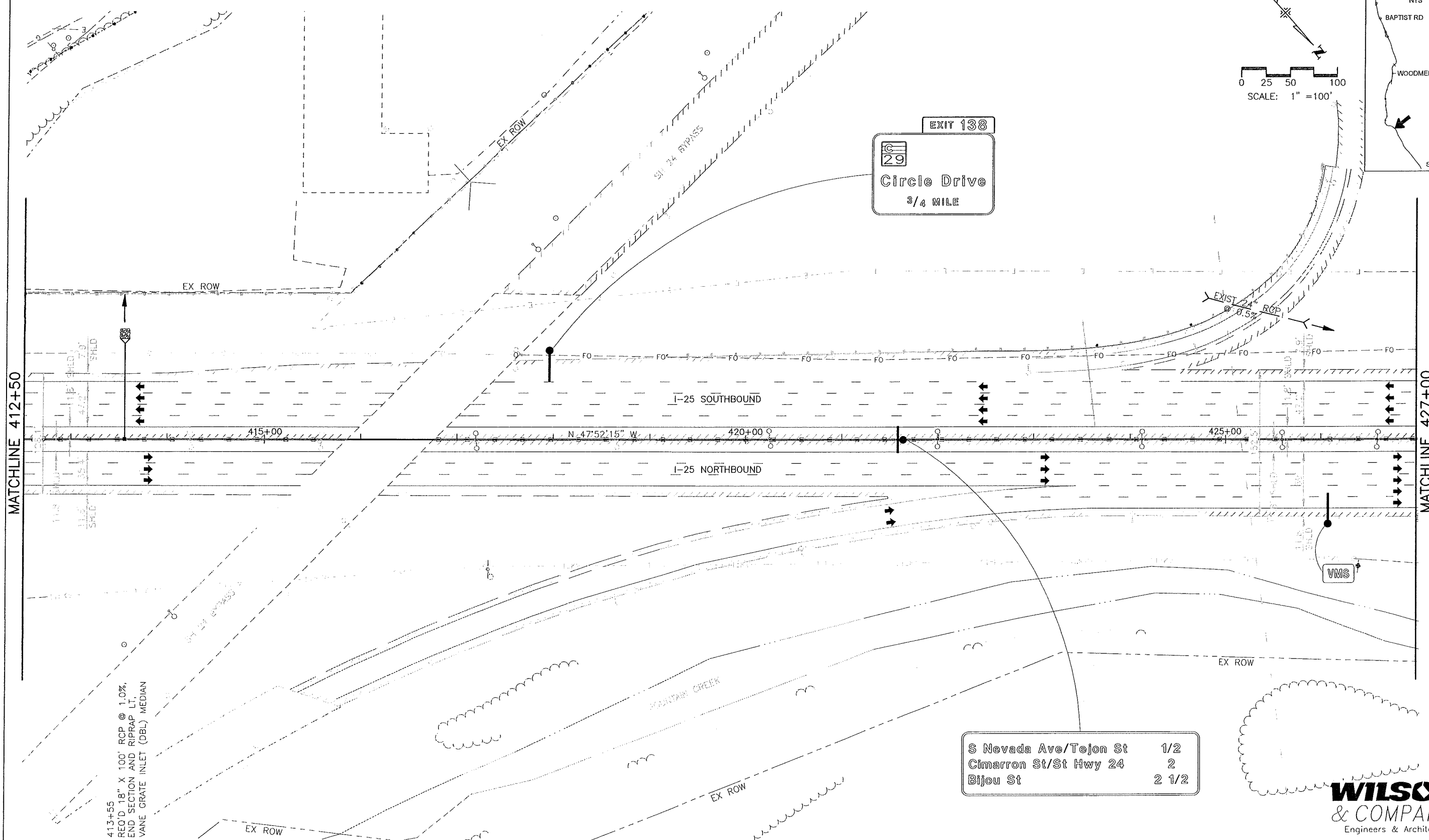
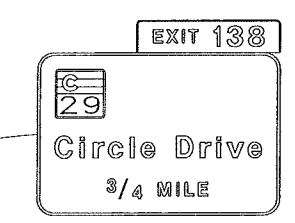
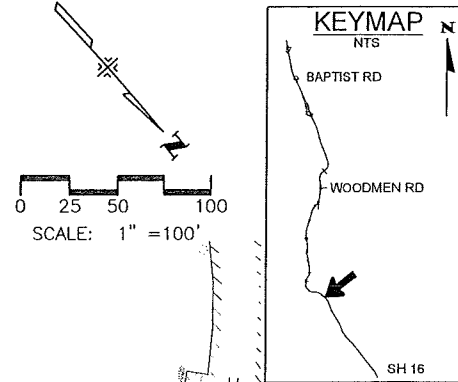
I-25 Roadway Plan
 400+00 to 412+50

Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	14 of 113

Project No./Code

C 0252-316
12210
Sheet Number

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413+55
 RCP @ 1.0%
 END SECTION AND RIPRAP LT.
 VANE GRATE INLET (DBL) MEDIAN

S Nevada Ave/Tejon St	1/2
Cimarron St/St Hwy 24	2
Bijou St	2 1/2

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Computer File Information	
Creation Date:	10/30/01
Last Modification Date:	01/28/03
Full Path:	P:\983100913\ACAD\SHEETS
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Units:	English

Sheet Revisions	
(R-)	
(R-)	
(R-)	
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(R-)	

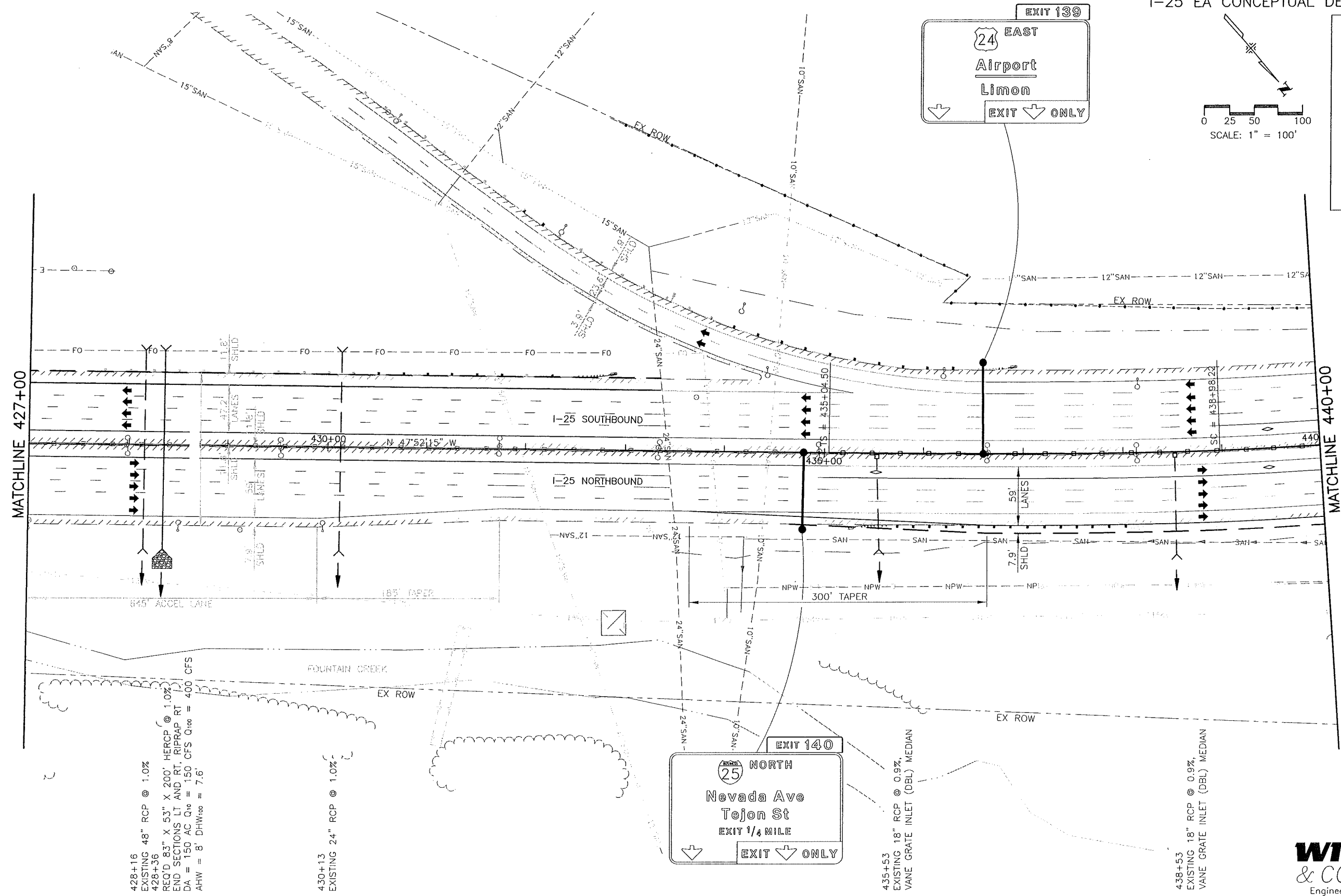
Colorado Department of Transportation

 1480 Quail Lake Loop - Suite A
 Colorado Springs, Colorado 80906
 Phone: (719) 634-2323 Fax: (719) 227-3298
 Region 2 JFF

As Constructed
No Revisions:
Revised:
Void:

I-25 Roadway Plan 412+50 to 427+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	15 of 113

Project No./Code	C 0252-316
	12210
Sheet Number	



428+16
EXISTING 48" RCP @ 1.0%
428+36
REQ'D 83" X 53" X 200' HERCP @ 1.0%
END SECTIONS LT AND RT. RIPRAP RT
DA = 150 AC Q₁₀₀ = 150 CFS Q₁₀₀ = 400 CFS
AHW = 8' DHW₁₀₀ = 7.6'

430+13
EXISTING 24" RCP @ 1.0%

435+53
EXISTING 18" RCP @ 0.9%
VANE GRATE INLET (DBL) MEDIAN

438+53
EXISTING 18" RCP @ 0.9%
VANE GRATE INLET (DBL) MEDIAN

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Computer File Information

Creation Date:	10/30/01	Initials:	MAB
Last Modification Date:	01/28/03	Initials:	MAB
Full Path:	P:\983100913\ACAD\SHEETS		
Drawing File Name:	RDPL16-25.DWG		
Acad Ver.	2000	Scale:	As Shown
		Units:	English

Sheet Revisions

(R-)			
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(R-)			
(R-)			

Colorado Department of Transportation

 1480 Quail Lake Loop - Suite A
Colorado Springs, Colorado 80906
Phone: (719) 634-2323 Fax: (719) 227-3298
Region 2 JFF

As Constructed

No Revisions:	
Revised:	
Void:	

I-25 Roadway Plan
427+00 to 440+00

Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	16 of 113

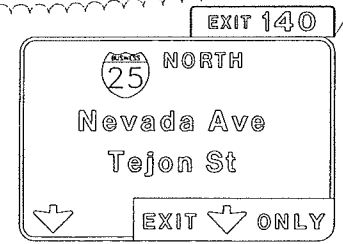
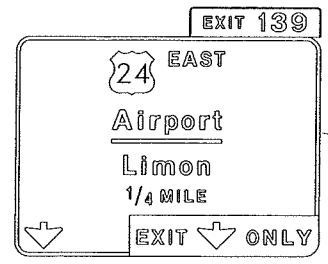
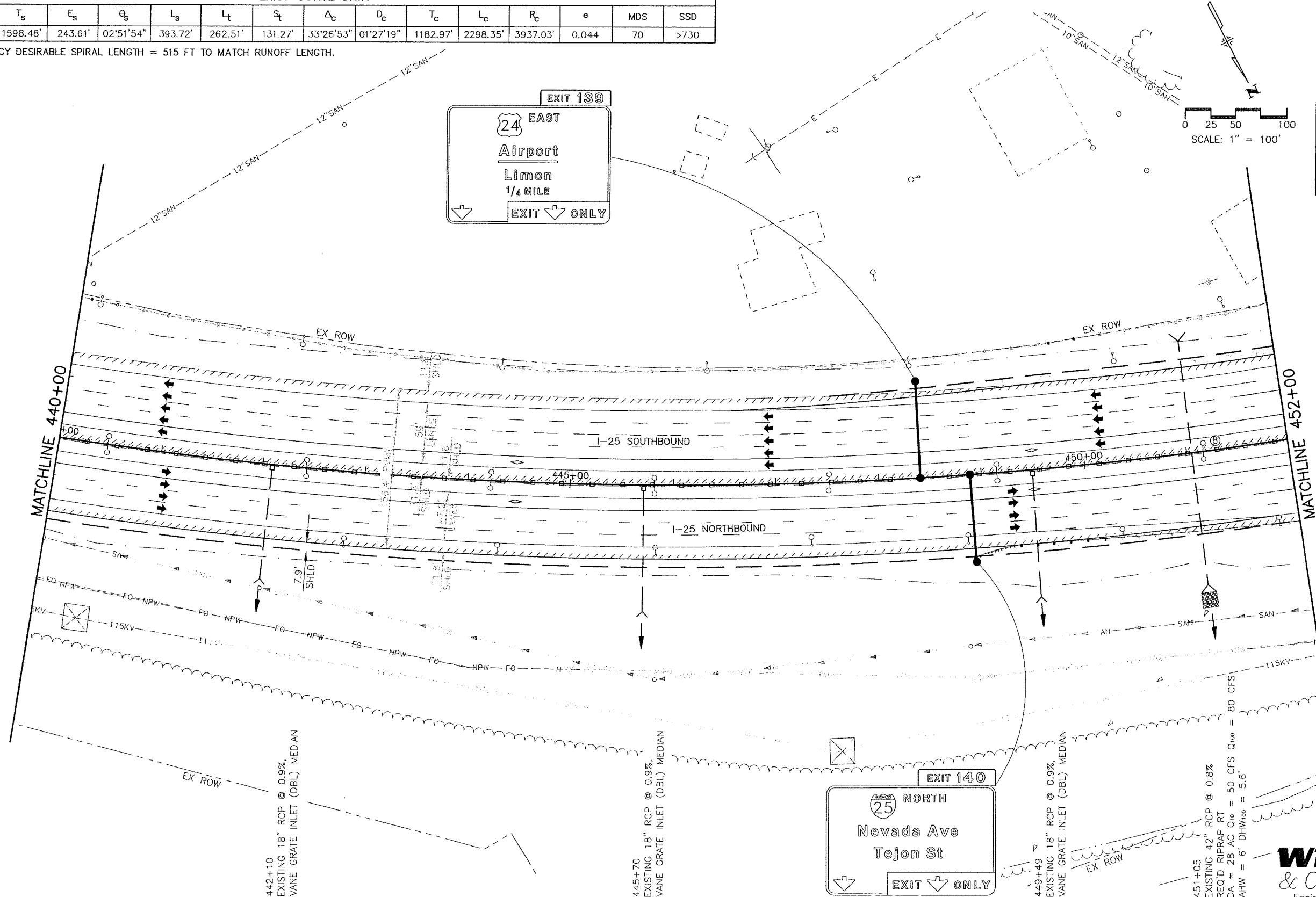
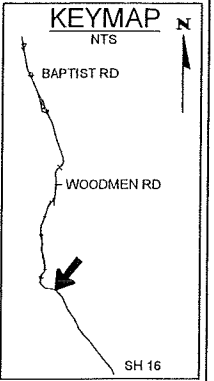
Project No./Code

C 0252-316
12210
Sheet Number

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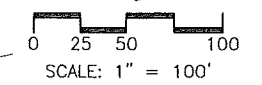
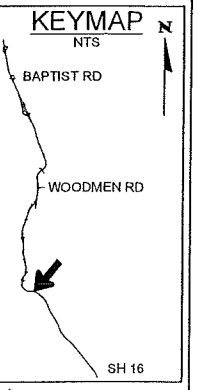
NOTE: AASHTO POLICY DESIRABLE SPIRAL LENGTH = 515 FT TO MATCH RUNOFF LENGTH.



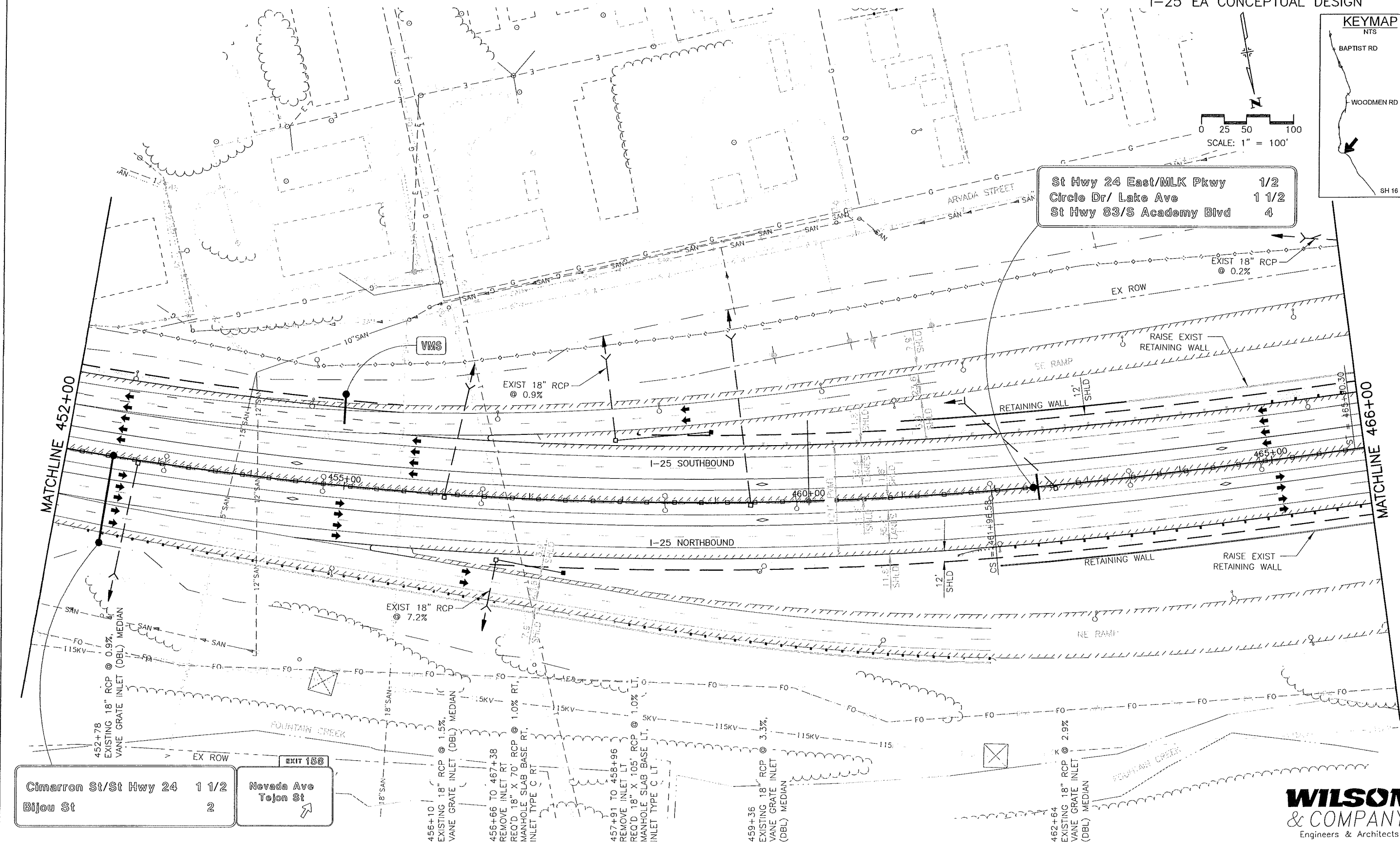
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 440+00 to 452+00		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB (R-)	1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 17 of 113		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB (R-)			12210					
Full Path:	P:\983100913\ACAD\SHEETS	Initials:	MAB (R-)			Sheet Number					
Drawing File Name:	RDPL16-25.DWG	Initials:	MAB (R-)								
Acad Ver.	2000	Scale:	As Shown	Units:	English						




St Hwy 24 East/MLK Pkwy	1/2
Circle Dr/ Lake Ave	1 1/2
St Hwy 83/S Academy Blvd	4

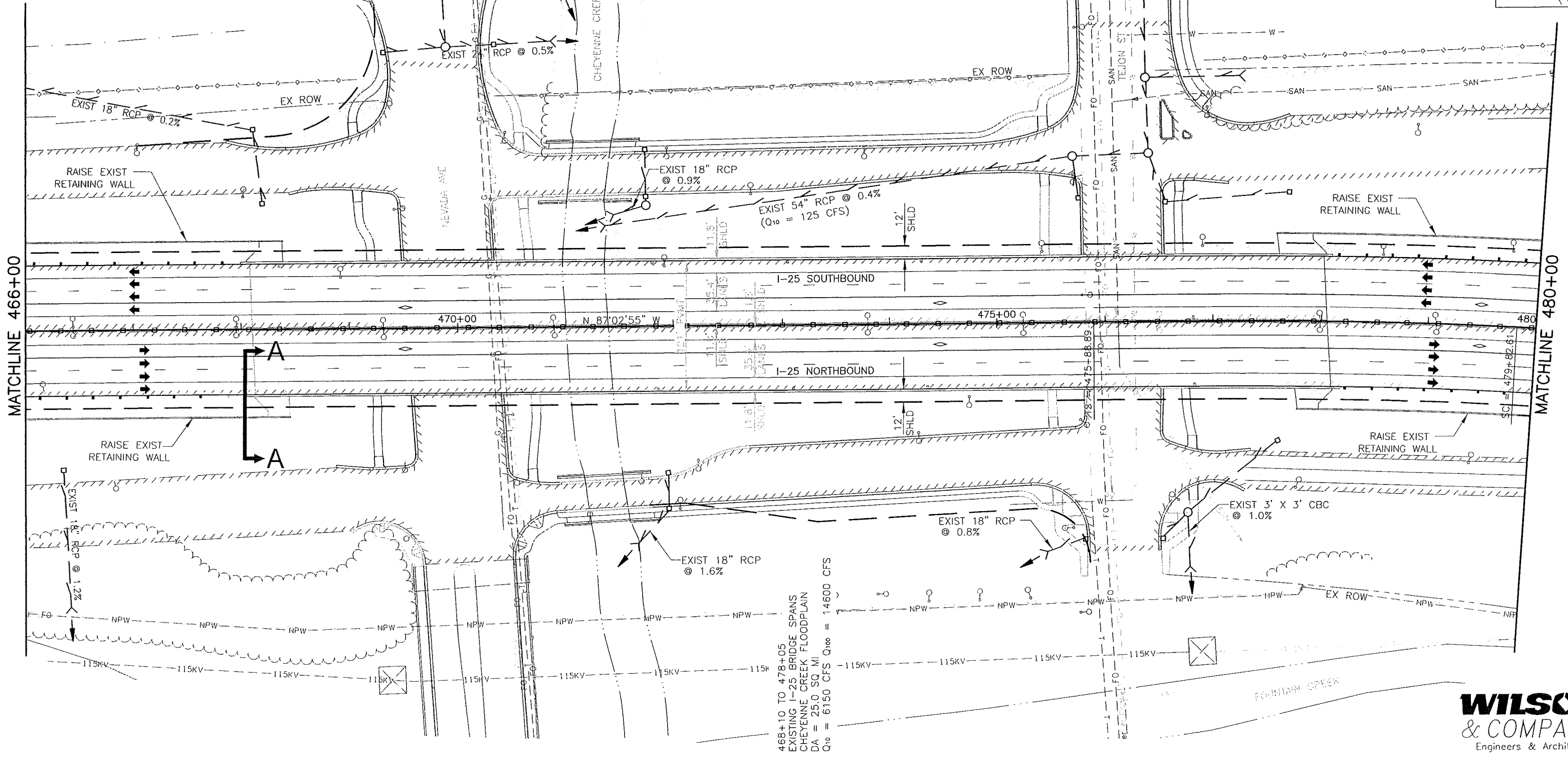
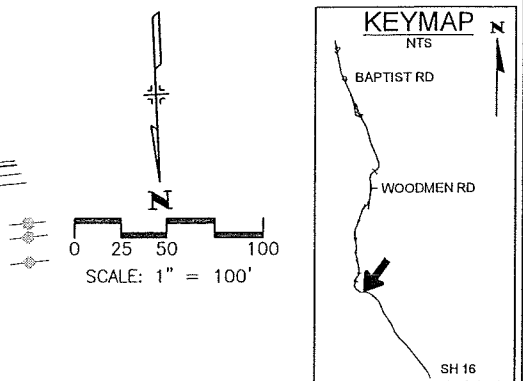
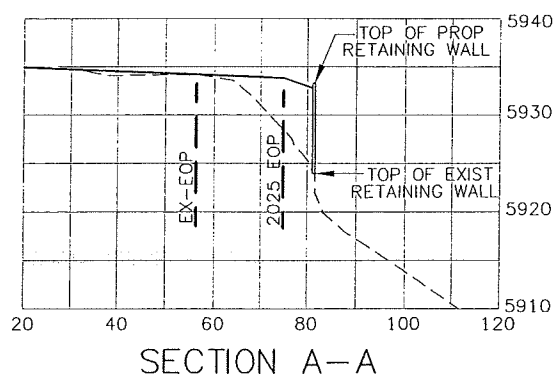


Cimarron St/St Hwy 24	1 1/2	Nevada Ave
Bijou St	2	Tejon St

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 452+00 to 466+00		Project No./Code	
Creation Date:	10/30/01	Initials:	MAB	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		Designer:		C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB		Revised:		Detailer:		12210		
Full Path:	P:\983100913\ACAD\SHEETS	Initials:	MAB		Void:		Sheet Subset: ROADWAY		Subset Sheet: 18 of 113		
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Acad Ver.	2000	Scale:	As Shown	Units:	English						

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468+10 TO 478+05
 EXISTING I-25 BRIDGE SPANS
 CHEYENNE CREEK FLOODPLAIN
 DA = 25.0 SQ MI
 Q₁₀ = 6150 CFS Q₁₀₀ = 14600 CFS

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Computer File Information		
Creation Date:	10/30/01	Initials: MAB
Last Modification Date:	01/28/03	Initials: MAB
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Drawing File Name:	RDPL16-25.DWG	
Acad Ver.	2000	Scale: As Shown Units: English

Sheet Revisions	
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(R-)	
(R-)	
(R-)	
(R-)	

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Region 2 JFF

As Constructed
No Revisions:
Revised:
Void:

I-25 Roadway Plan 466+00 to 480+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset: ROADWAY	Subset Sheet: 19 of 113

Project No./Code	
C 0252-316	
12210	
Sheet Number	

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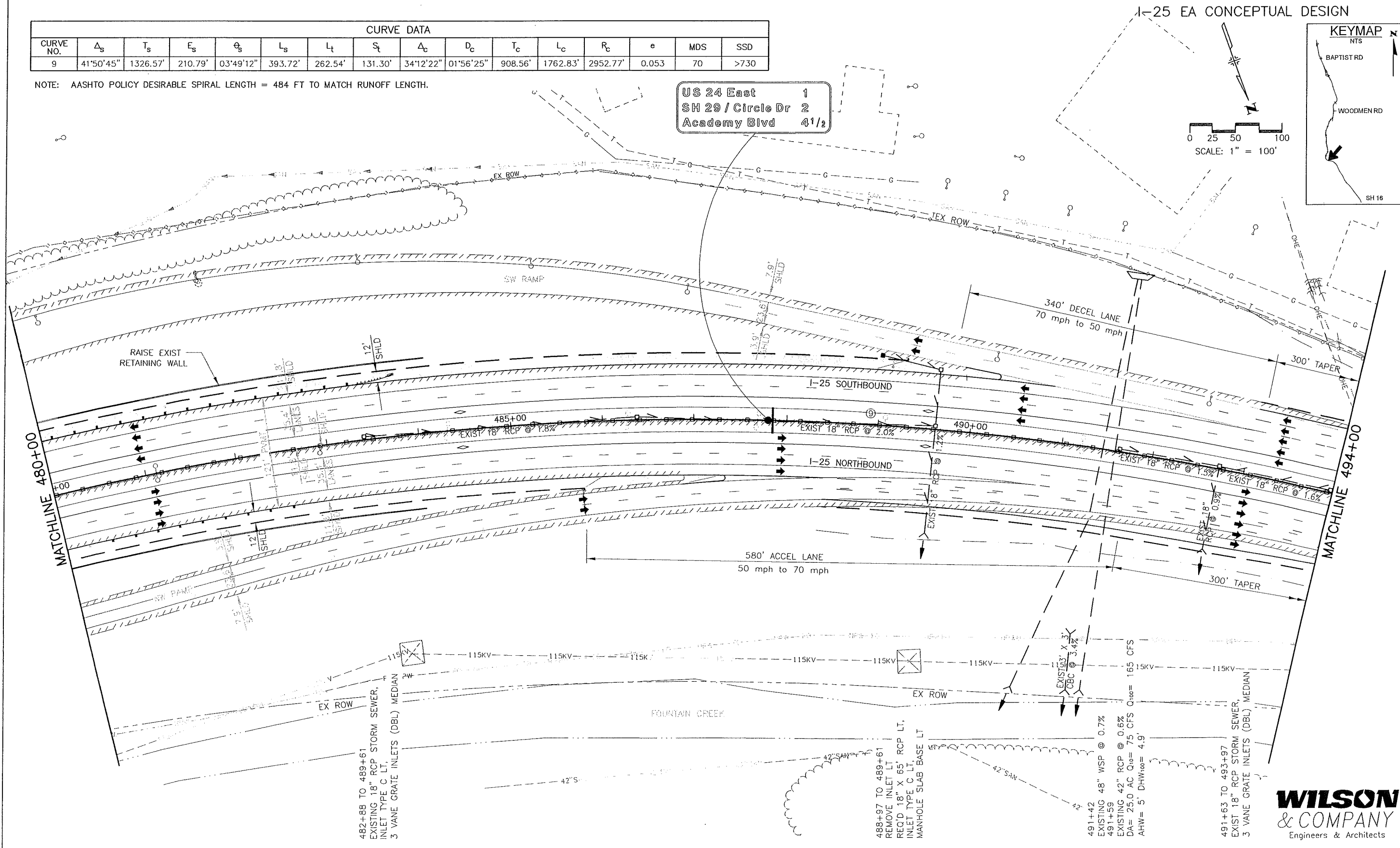
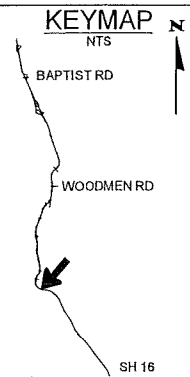
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NOTE: AASHTO POLICY DESIRABLE SPIRAL LENGTH = 484 FT TO MATCH RUNOFF LENGTH.

US 24 East 1
 SH 29 / Circle Dr 2
 Academy Blvd 4 1/2

0 25 50 100
 SCALE: 1" = 100'




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Computer File Information	
Creation Date:	10/30/01 Initials: MAB
Last Modification Date:	01/28/03 Initials: MAB
Full Path:	P:\983100913\ACAD\SHEETS
Drawing File Name:	RDPL16-25.DWG
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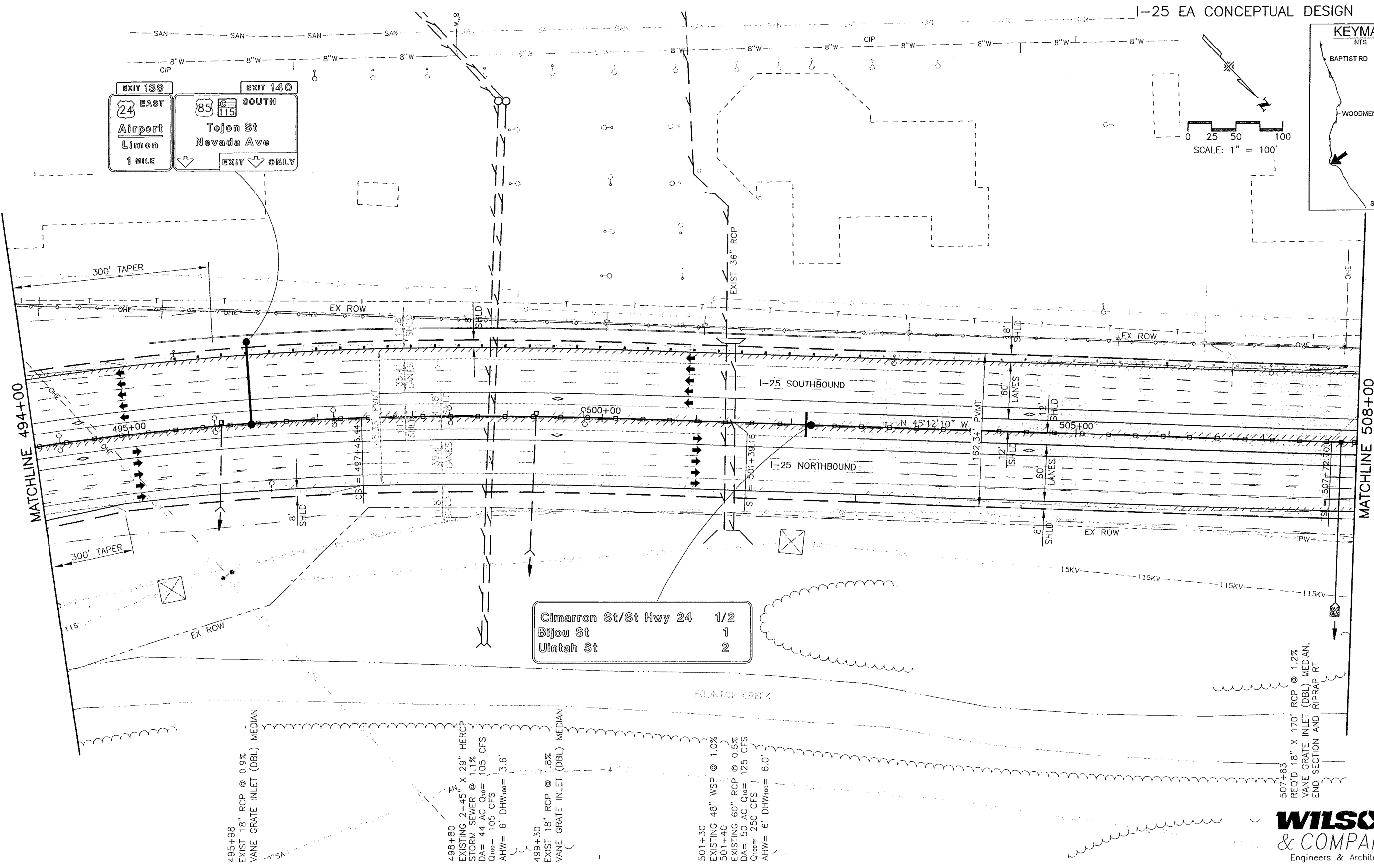
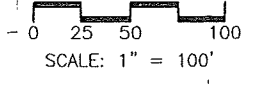
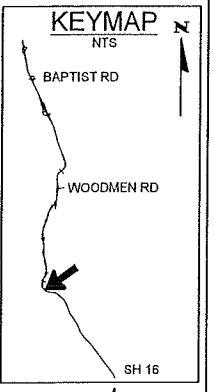
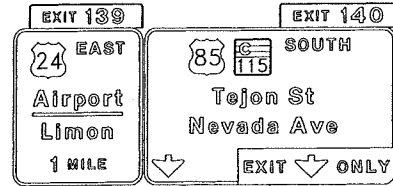
Sheet Revisions	

Colorado Department of Transportation

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 Phone: (719) 634-2323 Fax: (719) 227-3298

Region 2 JFF

As Constructed	I-25 Roadway Plan 480+00 to 494+00		Project No./Code
No Revisions:	Designer: MAB		C 0252-316
Revised:	Detailer: MAB		
Void:	Sheet Subset: ROADWAY	Subset Sheet: 20 of 113	12210
			Sheet Number



Cimarron St/St Hwy 24	1/2
Bijou St	1
Uintah St	2

495+98
EXIST 18" RCP @ 0.9%
VANE GRATE INLET (DBL) MEDIAN

498+80
EXISTING 2-45" X 29" HERCP
STORM SEWER @ 1.1%
DA= 44 AC Q₁₀= 105 CFS
Q₁₀₀= 105 CFS
AHW= 6' DHW₁₀₀= 3.6'


499+30
EXIST 18" RCP @ 1.8%
VANE GRATE INLET (DBL) MEDIAN

501+30
EXISTING 48" WSP @ 1.0%
501+40
EXISTING 60" RCP @ 0.5%
DA= 50 AC Q₁₀= 125 CFS
Q₁₀₀= 250 CFS
AHW= 6' DHW₁₀₀= 6.0'

507+83
REQ'D 18" X 170" RCP @ 1.2%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

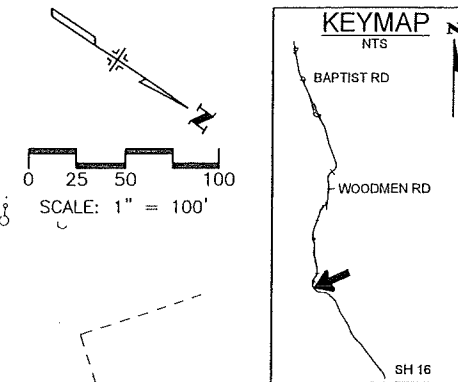
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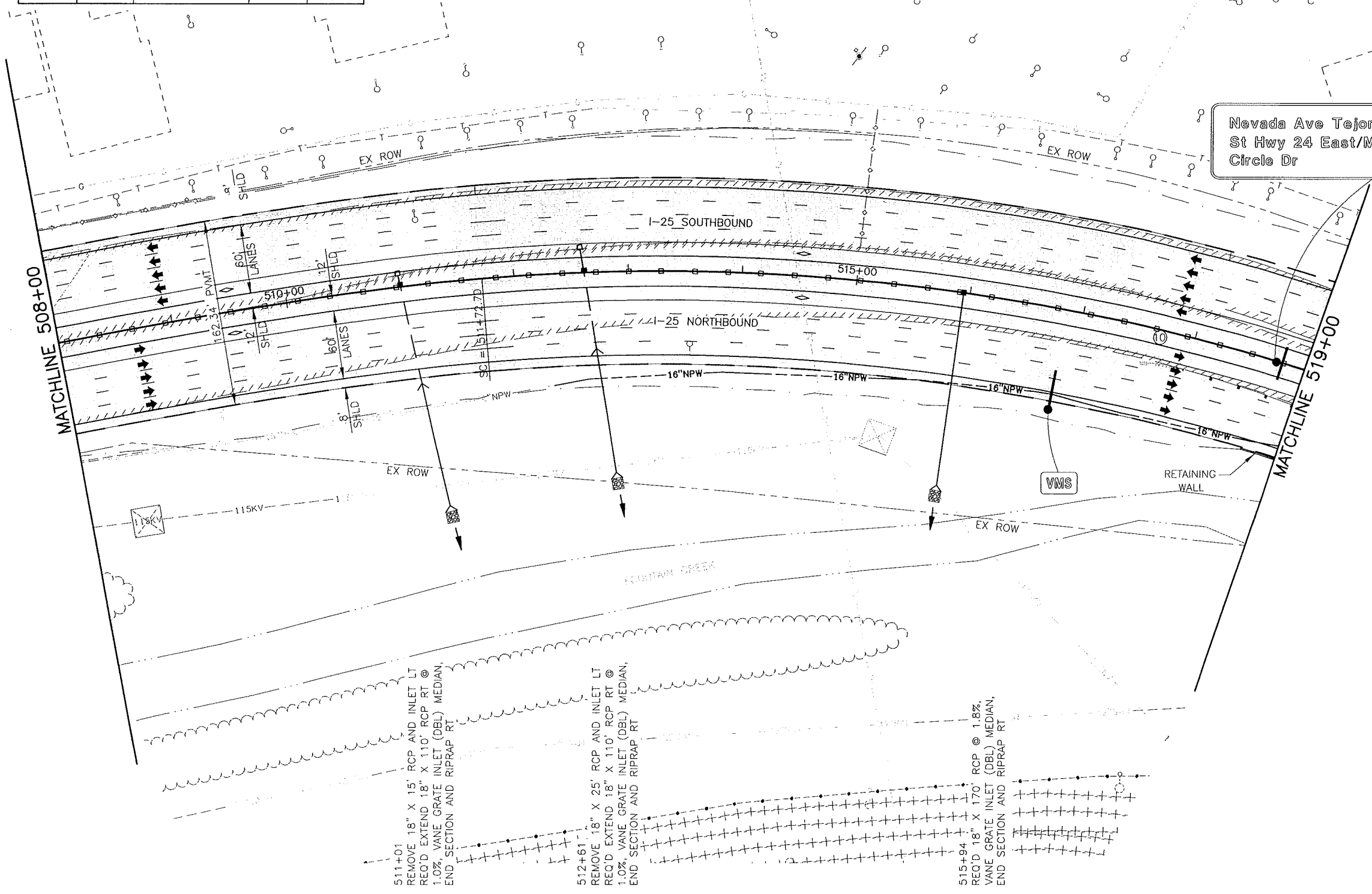
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Creation Date:	10/30/01	Initials:	MAB	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210	
Full Path:	P:\983100913\ACAD\SHEETS					Void:				Sheet Subset: ROADWAY	
Drawing File Name:	RDPL16-25.DWG									Sheet Number	
Acad Ver.	2000	Scale:	As Shown	Units:	English						

CURVE DATA															
CURVE NO.	Δ_s	T_s	E_s	ϕ_s	L_s	L_t	S_c	Δ_c	D_c	T_c	L_c	R_c	e	MDS	SSD
10	54°59'37"	1177.71'	242.79'	06°06'42"	400.00'	266.83'	133.48'	42°46'14"	03°03'21"	734.25'	1399.67'	1875.00'		70	

PER AASHTO 2001				
MIN. RAD. 60 MPH	MIN. RAD. 70 MPH	MAX. SPIRAL LENGTH	RUNOFF	RUNOUT
1660'	2050'	360'	490'	165'



Nevada Ave Tejon St	1/2
St Hwy 24 East/MLK Pkwy	1 1/2
Circle Dr	2 1/2



511+01
REMOVE 18" X 15' RCP AND INLET LT
REQ'D EXTEND 18" X 110' RCP RT @
1.0%, VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT


512+61
REMOVE 18" X 25' RCP AND INLET LT
REQ'D EXTEND 18" X 110' RCP RT @
1.0%, VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

515+94
REMOVE 18" X 170' RCP @ 1.8%,
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

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Computer File Information	
Creation Date:	10/30/01 Initials: MAB
Last Modification Date:	01/28/03 Initials: MAB
Full Path:	P:\983100913\ACAD\SHEETS
Drawing File Name:	RDPL16-25.DWG
Acad Ver.	2000 Scale: As Shown Units: English

Sheet Revisions	
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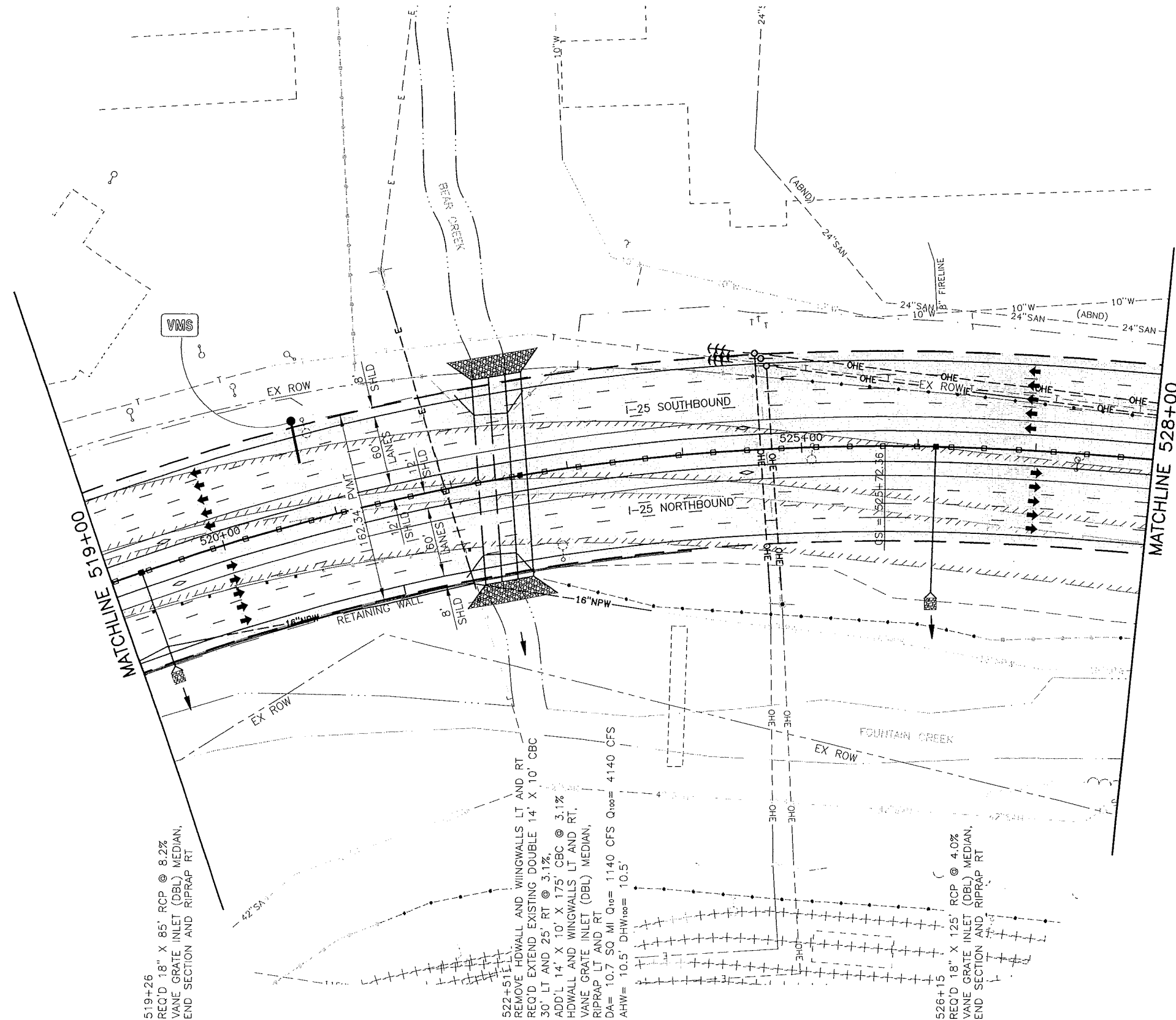
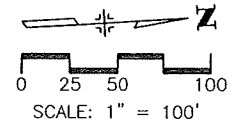
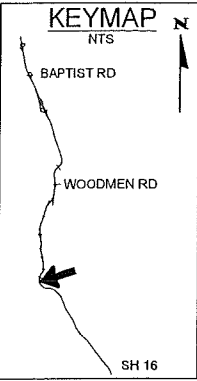
Colorado Department of Transportation

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 Colorado Springs, Colorado 80906
 Phone: (719) 634-2323 Fax: (719) 227-3298
 Region 2 JFF

As Constructed	
No Revisions:	
Revised:	
Void:	

I-25 Roadway Plan 508+00 to 519+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subst Sheet:	22 of 113

Project No./Code	
C 0252-316	
12210	
Sheet Number	

P:\983100913\ACAD\SHEETS\RDPL16-25.dwg, PLAN 22, 10/30/01 02:56:31 PM, jwellis



519+26
REQ'D 18" X 85' RCP @ 8.2%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT


522+51.1
REMOVE HDWALL AND WINGWALLS LT AND RT
REQ'D EXTEND EXISTING DOUBLE 14' X 10' CBC
30' LT AND 25' RT @ 3.1%
ADD 'L 14' X 10' X 175' CBC @ 3.1%
HDWALL AND WINGWALLS LT AND RT,
VANE GRATE INLET (DBL) MEDIAN,
RIPRAP LT AND RT
DA= 10.7 SQ MI Q₁₀₀= 1140 CFS Q₁₀₀= 4140 CFS
AHW= 10.5' D_{HW100}= 10.5'

526+15
REQ'D 18" X 125' RCP @ 4.0%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

Computer File Information	
Creation Date:	10/30/01 Initials: MAB
Last Modification Date:	01/28/03 Initials: MAB
Full Path:	P:\983100913\ACAD\16-25.dwg, PLAN 23, 10/09/2003 02:33:34 PM, jwellis
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Colorado Department of Transportation



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Phone: (719) 634-2323 Fax: (719) 227-3298

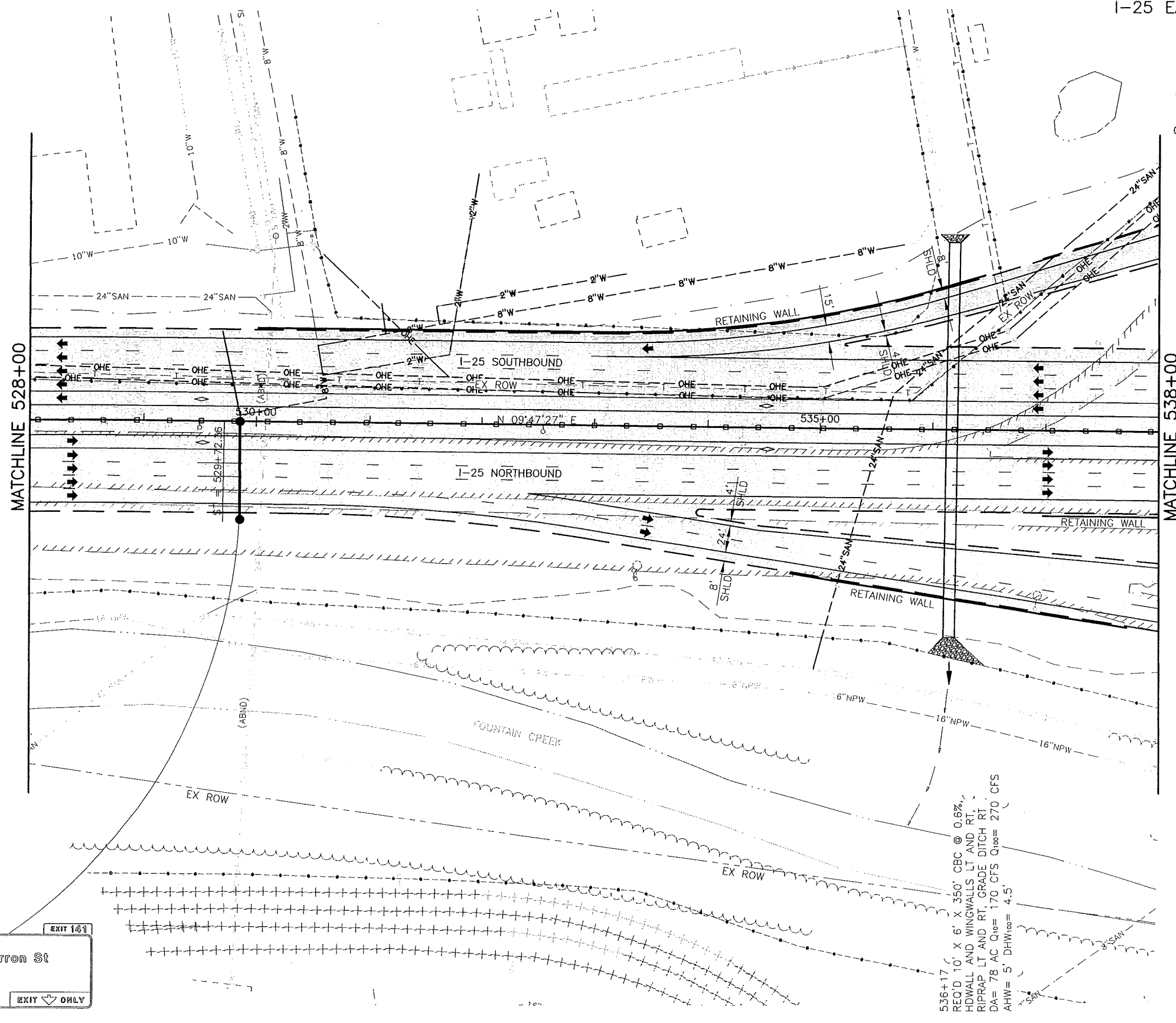
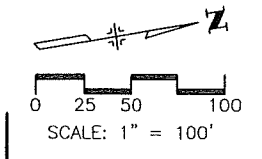
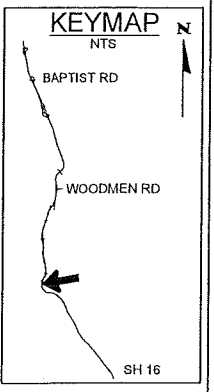
Region 2 JFF

As Constructed
No Revisions:
Revised:
Void:

I-25 Roadway Plan 519+00 to 528+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	23 of 113

Project No./Code
C 0252-316
12210
Sheet Number

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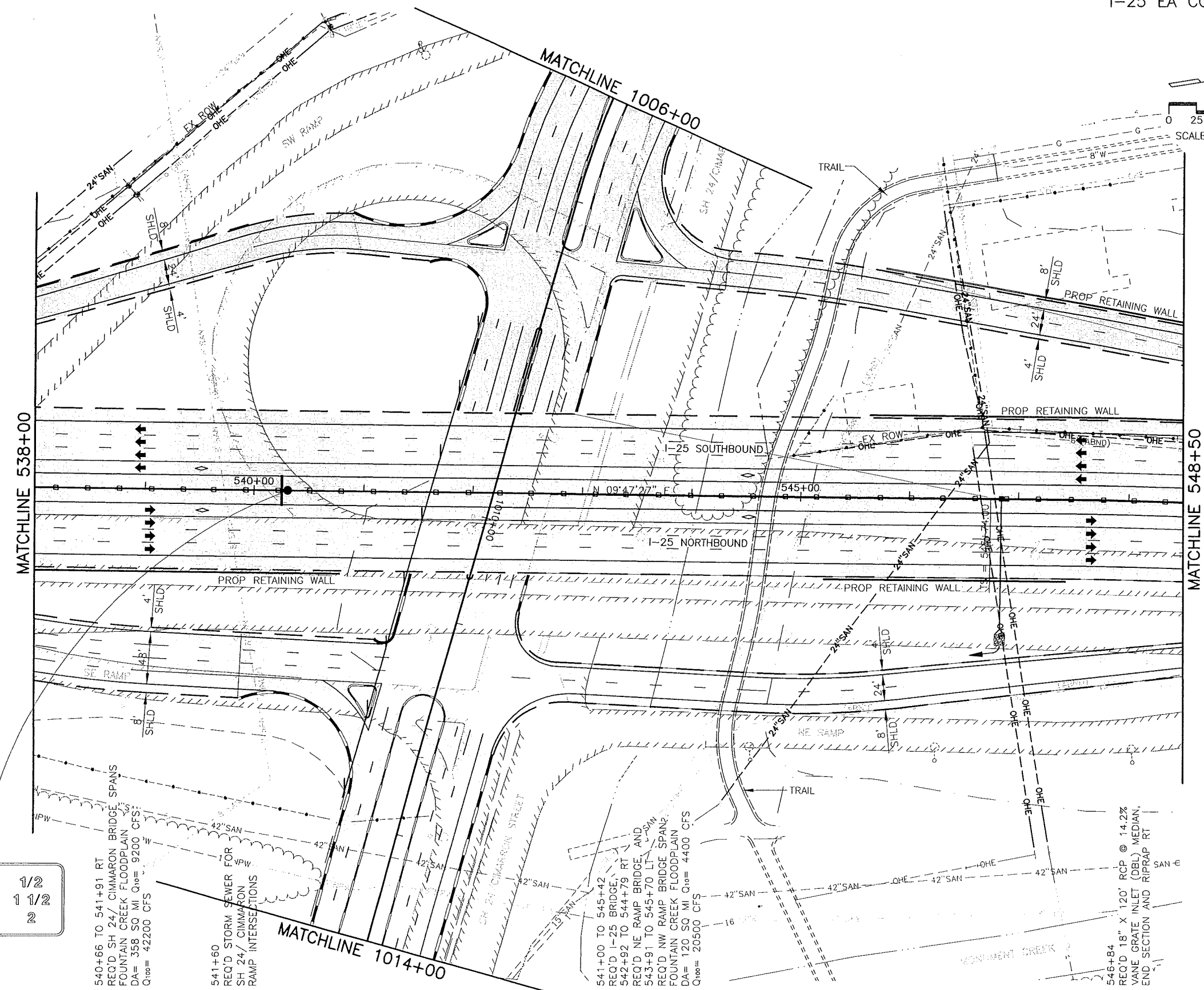
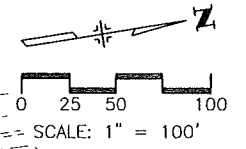
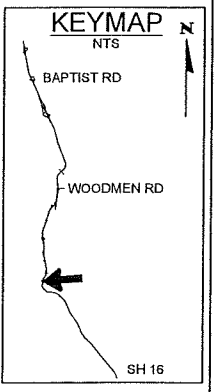
Uintah St 3/4 Fontanero St 1 3/4	Cimarron St EXIT ONLY
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536+17
 REQ'D 10' X 6' X 350' CBC @ 0.6%
 HDWALL AND WINGWALLS LT AND RT,
 RIPRAP LT AND RT, GRADE DITCH RT
 DA = 78 AC Q₁₀₀ = 170 CFS Q₁₀₀ = 270 CFS
 AHW = 5' DHW₁₀₀ = 4.5'

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Computer File Information Creation Date: 10/30/01 Initials: MAB Last Modification Date: 01/28/03 Initials: MAB Full Path: P:\983100913\ACAD\3111\RDPL16-25.dwg Drawing File Name: RDPL16-25.DWG Acad Ver. 2000 Scale: As Shown Units: English		Sheet Revisions <table border="1"> <tr><td>(R-)</td><td></td></tr> <tr><td>(R-)</td><td></td></tr> <tr><td>(R-)</td><td></td></tr> <tr><td>(R-)</td><td></td></tr> </table>		(R-)		(R-)		(R-)		(R-)		Colorado Department of Transportation 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		As Constructed No Revisions: Revised: Void:		I-25 Roadway Plan 528+00 to 538+00 Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 24 of 113		Project No./Code C 0252-316 12210 Sheet Number	
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Bijou St	1/2
Utah St	1 1/2
Fontanero St	2

540+66 TO 541+91 RT
REQD SH 24' CIMARON BRIDGE SPANS
FOUNTAIN CREEK FLOODPLAIN
DA= 358 SQ MI Q₁₀₀= 9200 CFS
Q₁₀₀= 42200 CFS

541+60
REQD STORM SEWER FOR
SH 24' CIMARON
RAMP INTERSECTIONS

541+00 TO 545+42
REQD I-25 BRIDGE,
542+92 TO 544+79 RT
REQD NE RAMP BRIDGE AND
543+91 TO 545+70 LT
REQD NW RAMP BRIDGE SPAN2
FOUNTAIN CREEK FLOODPLAIN
DA= 120 SQ MI Q₁₀₀= 4400 CFS
Q₁₀₀= 20500 CFS

546+84
REQD 18" X 120' RCP @ 14.2%
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

WILSON & COMPANY
Engineers & Architects

Computer File Information

Creation Date:	10/30/01	Initials:	MAB
Last Modification Date:	01/28/03	Initials:	MAB
Full Path:	P:\983100913\ACAD\SHEETS		
Drawing File Name:	RDPL16-25.DWG		
Acad Ver.	2000	Scale:	As Shown
		Units:	English

Sheet Revisions

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(R)			
(R)			

Colorado Department of Transportation



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Region 2

JFF

As Constructed

No Revisions:	
Revised:	
Void:	

I-25 Roadway Plan
538+00 to 548+50

Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	25 of 113

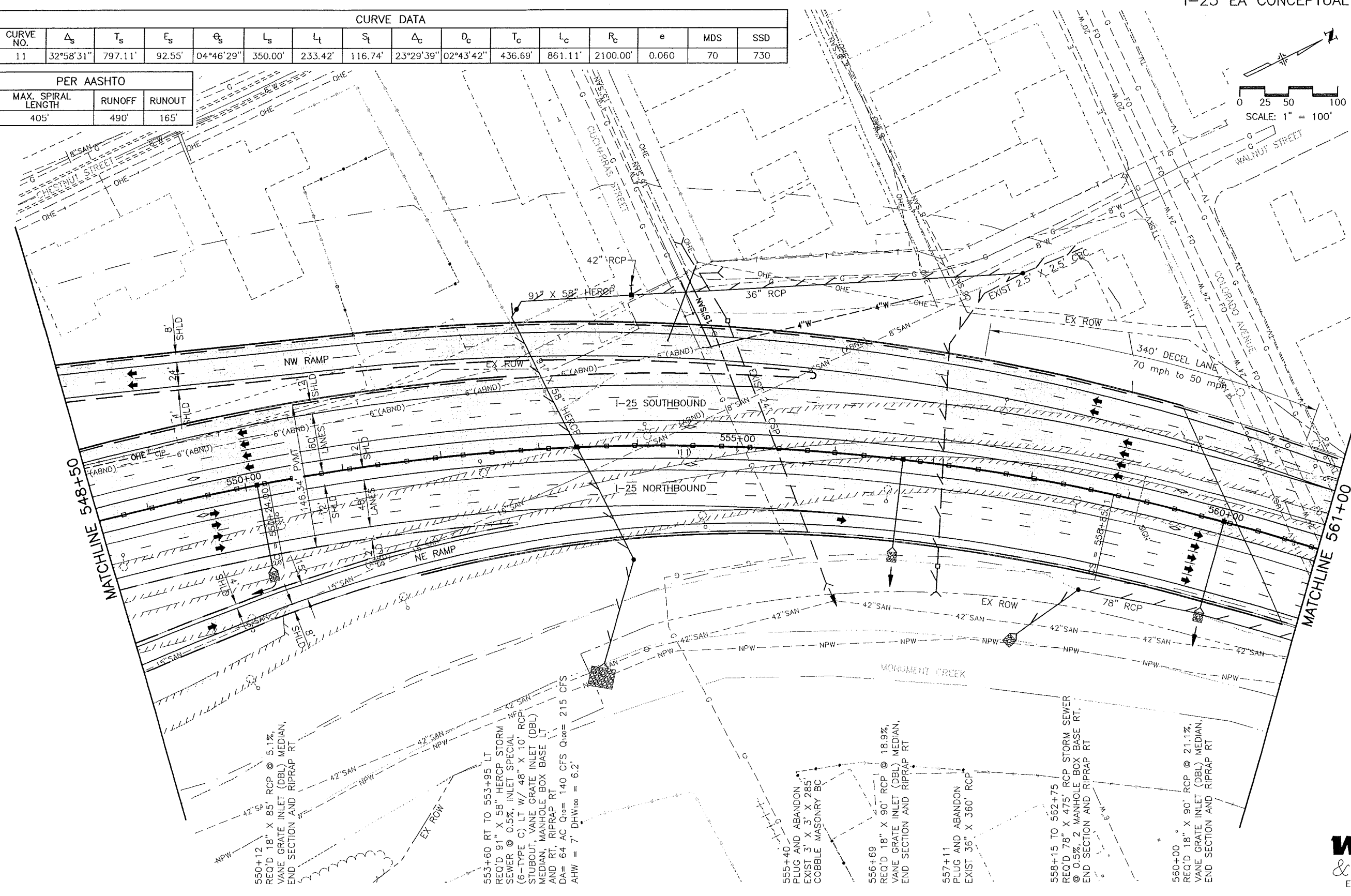
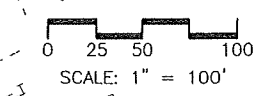
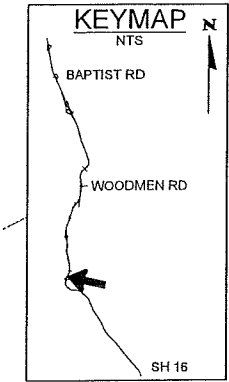
Project No./Code

C 0252-316
12210
Sheet Number

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PER AASHTO		
MAX. SPIRAL LENGTH	RUNOFF	RUNOUT
405'	490'	165'

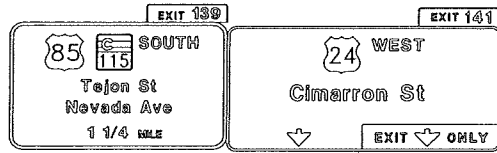


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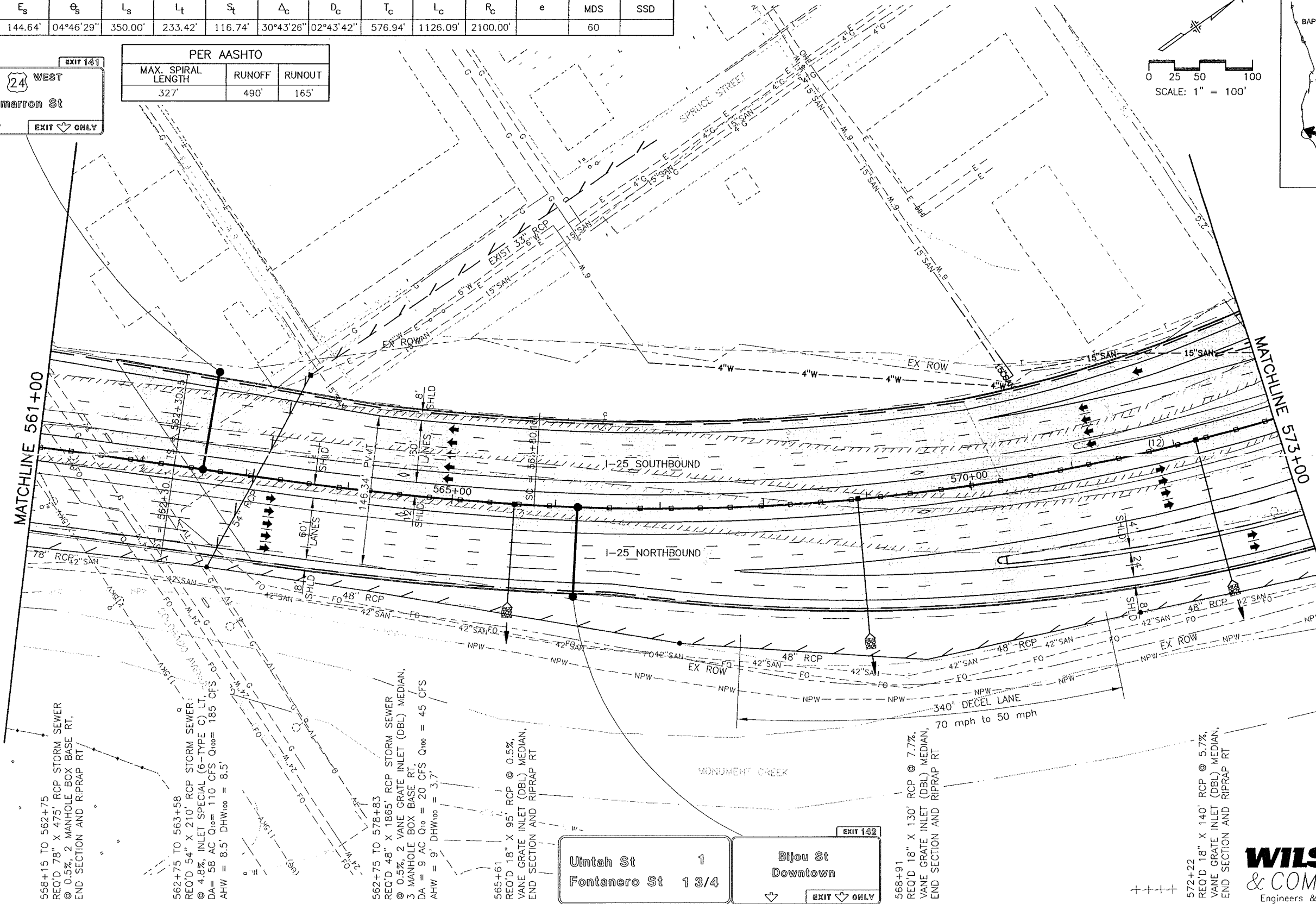
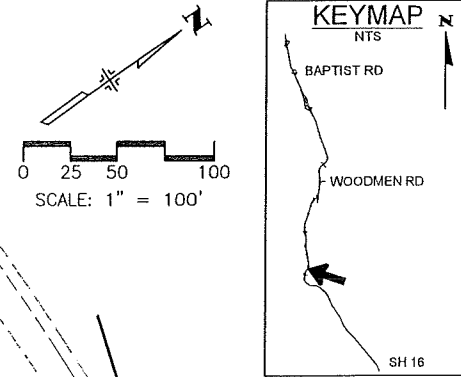


Computer File Information Creation Date: 10/30/01 Initials: MAB Last Modification Date: 01/28/03 Initials: MAB Full Path: P:\98310091\ACAD\SHEETS Drawing File Name: RDPL26-35.DWG Acad Ver. 2000 Scale: As Shown Units: English		Sheet Revisions (R-) (R-) (R-) (R-)		Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		As Constructed No Revisions: Revised: Void:		I-25 Roadway Plan 548+50 to 561+00 Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 26 of 113		Project No./Code C 0252-316 12210 Sheet Number	
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CURVE DATA															
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12	40°57'19"	961.23'	144.64'	04°46'29"	350.00'	233.42'	116.74'	30°43'26"	02°43'42"	576.94'	1126.09'	2100.00'		60	



PER AASHTO		
MAX. SPIRAL LENGTH	RUNOFF	RUNOUT
327'	490'	165'



558+15 TO 562+75
REQ'D 78" X 475' RCP STORM SEWER
@ 0.5%, 2 MANHOLE BOX BASE RT,
END SECTION AND RIPRAP RT

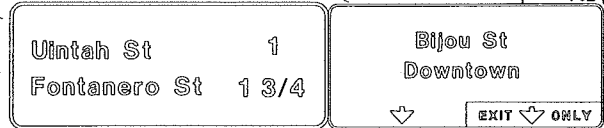
562+75 TO 563+58
REQ'D 54" X 210' RCP STORM SEWER
@ 4.8%, INLET SPECIAL (6-TYPE C) LT,
DA = 58 AC Q₁₀ = 110 CFS Q₁₀₀ = 185 CFS
AHW = 8.5' DHW₁₀₀ = 8.5'

562+75 TO 578+83
REQ'D 48" X 1865' RCP STORM SEWER
@ 0.5%, 2 VANE GRATE INLET (DBL) MEDIAN,
3 MANHOLE BOX BASE RT,
DA = 9 AC Q₁₀ = 20 CFS Q₁₀₀ = 45 CFS
AHW = 9' DHW₁₀₀ = 3.7'

565+61
REQ'D 18" X 95' RCP @ 0.5%,
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

568+91
REQ'D 18" X 130' RCP @ 7.7%,
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

572+22
REQ'D 18" X 140' RCP @ 5.7%,
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

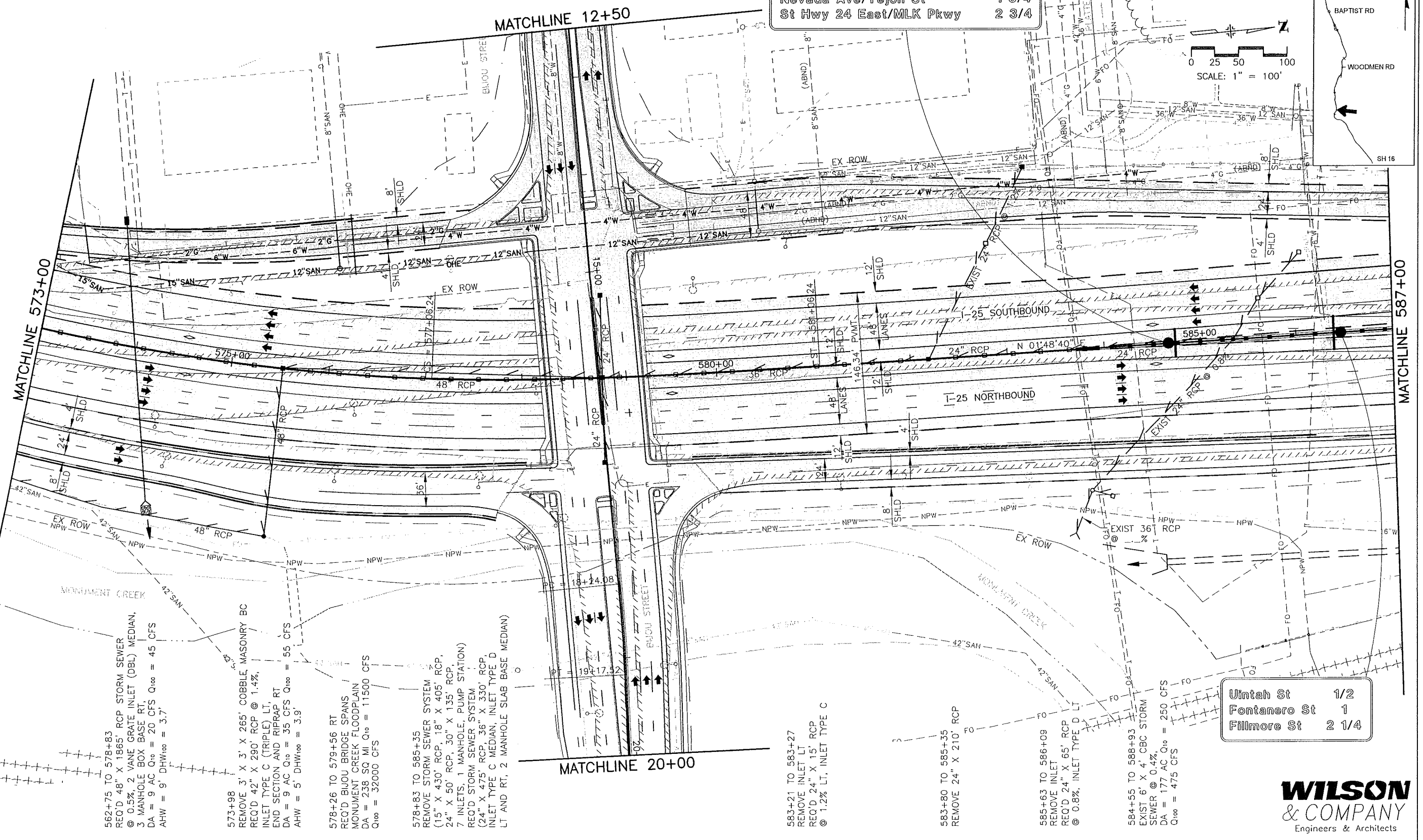
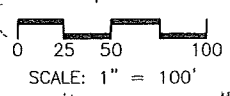
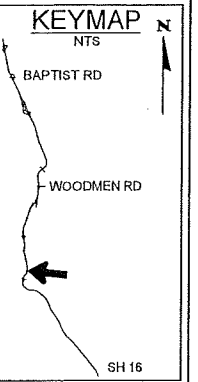


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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code			
Creation Date:	10/30/01	Initials:	MAB	1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		561+00 to 573+00		C 0252-316			
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210			
Full Path:	P:\083100913\ACAD\SHEETS					Void:		Sheet Subset: ROADWAY		Subset Sheet: 27 of 113		Sheet Number	
Drawing File Name:	RDPL26-35.DWG							Designer: MAB					
Acad Ver.	2000	Scale:	As Shown	Units:	English								

St Hwy 24 West/Cimarron St 1/2
 Nevada Ave/Tejon St 1 3/4
 St Hwy 24 East/MLK Pkwy 2 3/4



Uintah St 1/2
 Fontanero St 1
 Fillmore St 2 1/4

562+75 TO 578+83
 REQ'D 48" X 1865' RCP STORM SEWER
 @ 0.5%, 2 VANE GRATE INLET (DBL) MEDIAN,
 3 MANHOLE BOX BASE RT,
 DA = 9 AC Q₁₀₀ = 20 CFS Q₁₀₀ = 45 CFS
 AHW = 9' DHW₁₀₀ = 3.7'

573+98
 REMOVE 3' X 3' X 265' COBBLE MASONRY BC
 REQ'D 42" X 290' RCP @ 1.4%,
 INLET TYPE C (TRIPLE) LT,
 END SECTION AND RIPRAP RT
 DA = 9 AC Q₁₀₀ = 35 CFS Q₁₀₀ = 55 CFS
 AHW = 5' DHW₁₀₀ = 3.9'

578+26 TO 579+56 RT
 REQ'D BIJOU BRIDGE SPANS
 MONUMENT CREEK FLOODPLAIN
 DA = 238 SQ MI Q₁₀₀ = 11500 CFS
 Q₁₀₀ = 32000 CFS

578+83 TO 585+35
 REMOVE STORM SEWER SYSTEM
 (15" X 430' RCP, 18" X 405' RCP,
 24" X 50' RCP, 30" X 135' RCP,
 7 INLETS, 1 MANHOLE, PUMP STATION)
 REQ'D STORM SEWER SYSTEM
 (24" X 475' RCP, 36" X 330' RCP,
 INLET TYPE C MEDIAN, INLET TYPE D
 LT AND RT, 2 MANHOLE SLAB BASE MEDIAN)

583+21 TO 583+27
 REMOVE INLET LT
 REQ'D 24" X 15' RCP
 @ 1.2% LT, INLET TYPE C

583+80 TO 585+35
 REMOVE 24" X 210' RCP

585+63 TO 586+09
 REMOVE INLET
 REQ'D 24" X 65' RCP
 @ 0.8%, INLET TYPE D LT

584+55 TO 588+93
 EXIST 6" X 4' CBC STORM
 SEWER @ 0.4%,
 DA = 177 AC Q₁₀₀ = 250 CFS
 Q₁₀₀ = 475 CFS

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Computer File Information

Creation Date:	11/5/01	Initials:	MAK
Last Modification Date:	01/28/03	Initials:	MAB
Full Path:	P:\983100913\ACAD\SHEETS		
Drawing File Name:	RDPL26-35.DWG		
Acad Ver.	2000	Scale:	As Shown
		Units:	English

Sheet Revisions

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Region 2

JFF

As Constructed

No Revisions:
Revised:
Void:

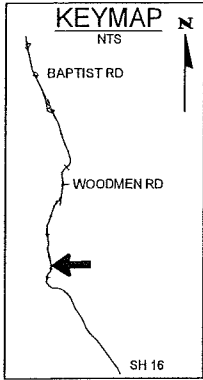
I-25 Roadway Plan
 573+00 to 587+00

Designer:	MAB
Detailer:	MAB
Sheet Subset: ROADWAY	Subset Sheet: 28 of 113

Project No./Code

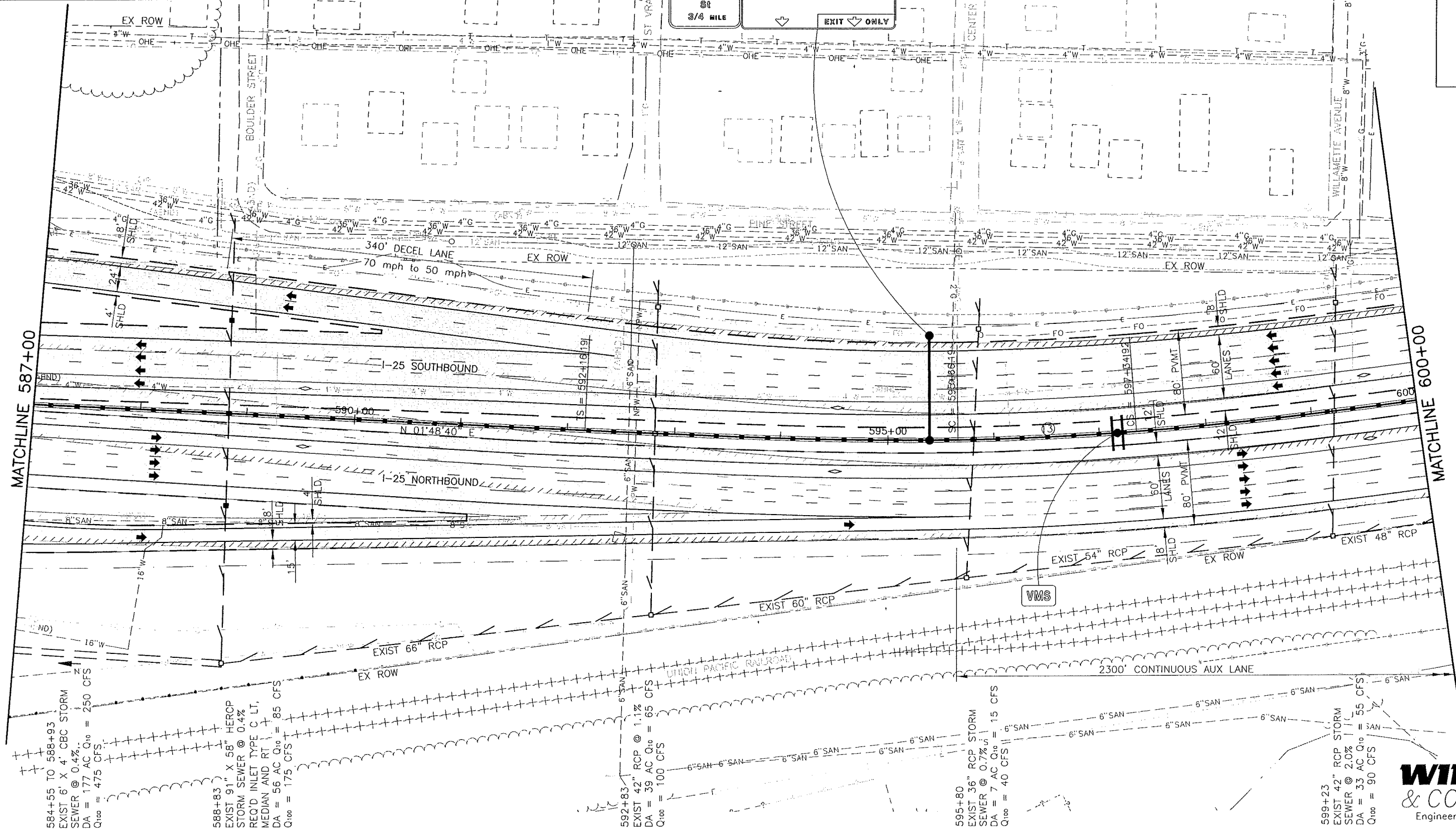
C 0252-316
12210
Sheet Number

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PER AASHTO		
MAX. SPIRAL LENGTH	RUNOFF	RUNOUT
389'	672'	224'



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Computer File Information	
Creation Date:	11/5/01 Initials: MAK
Last Modification Date:	01/28/03 Initials: MAB
Full Path:	P:\983100913\ACAD\SHEETS
Drawing File Name:	RDPL26-35.DWG
Acad Ver. 2000	Scale: As Shown Units: English

Sheet Revisions	
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(R)	

Colorado Department of Transportation

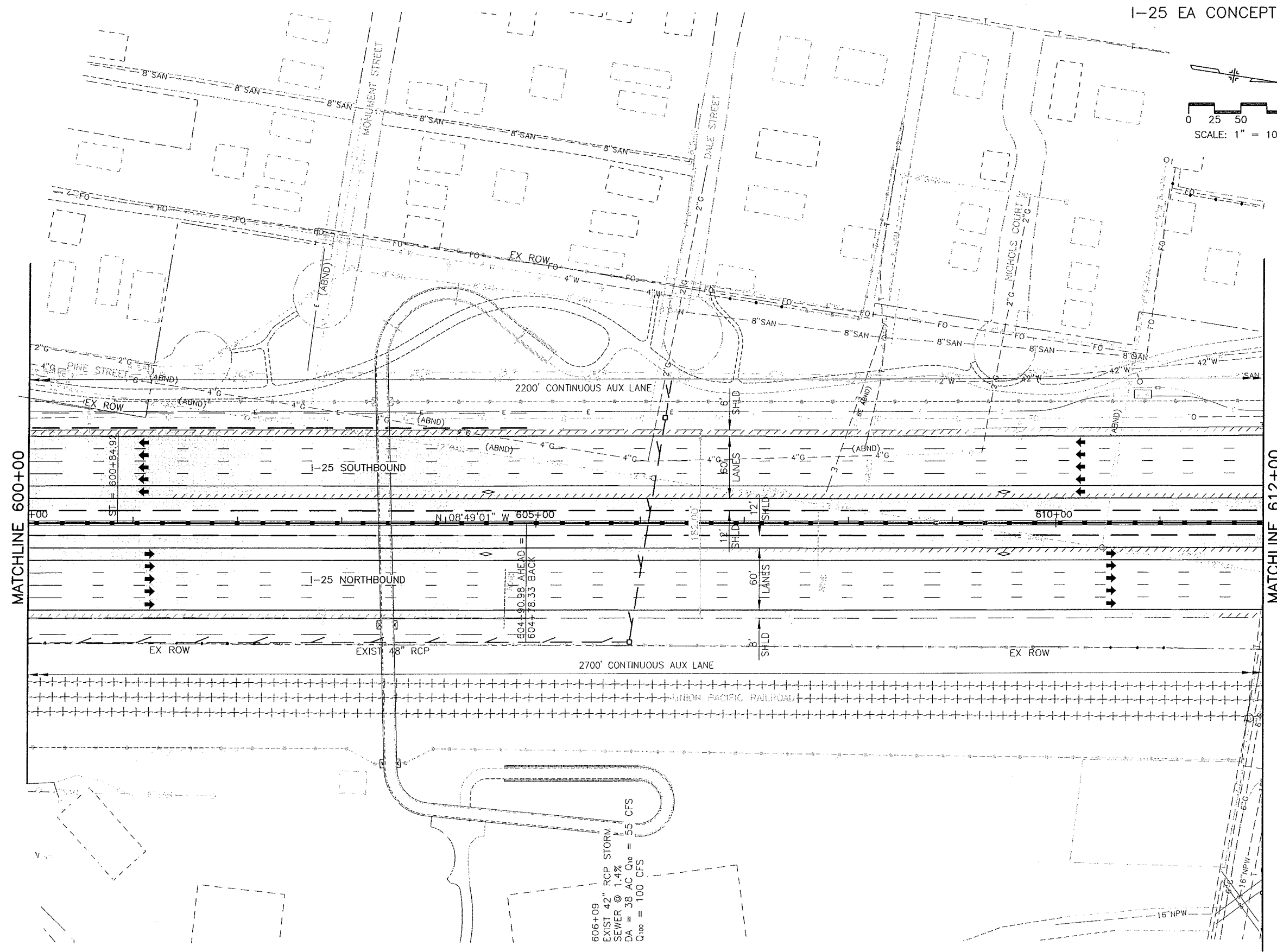
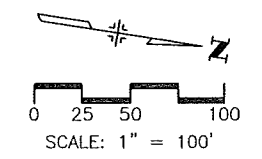
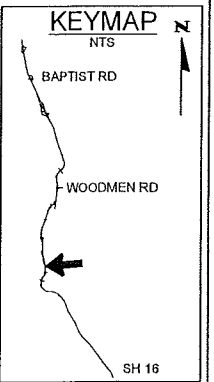
 1480 Quail Lake Loop - Suite A
 Colorado Springs, Colorado 80906
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 Region 2 JFF

As Constructed
No Revisions:
Revised:
Void:

I-25 Roadway Plan 587+00 to 600+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset: ROADWAY	Subset Sheet: 29 of 113

Project No./Code
C 0252-316
12210
Sheet Number





MATCHLINE 600+00

MATCHLINE 612+00

606+09
EXIST 42" RCP STORM
SEWER @ 1.4%
DA = 38 AC @ 0.10 = 55 CFS
Q₁₀₀ = 100 CFS

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Computer File Information

Creation Date:	11/5/01	Initials:	MAK
Last Modification Date:	01/28/03	Initials:	MAB
Full Path:	P:\983100913\ACAD\RDPL26-35.dwg		
Drawing File Name:	RDPL26-35.DWG		
Acad Ver.	2000	Scale:	As Shown
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Sheet Revisions

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Region 2

JFF

As Constructed

No Revisions:	
Revised:	
Void:	

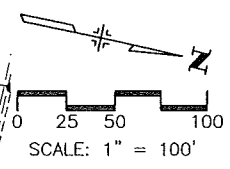
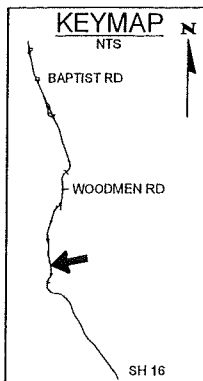
I-25 Roadway Plan
600+00 to 612+00

Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	30 of 113

Project No./Code

C 0252-316
12210
Sheet Number

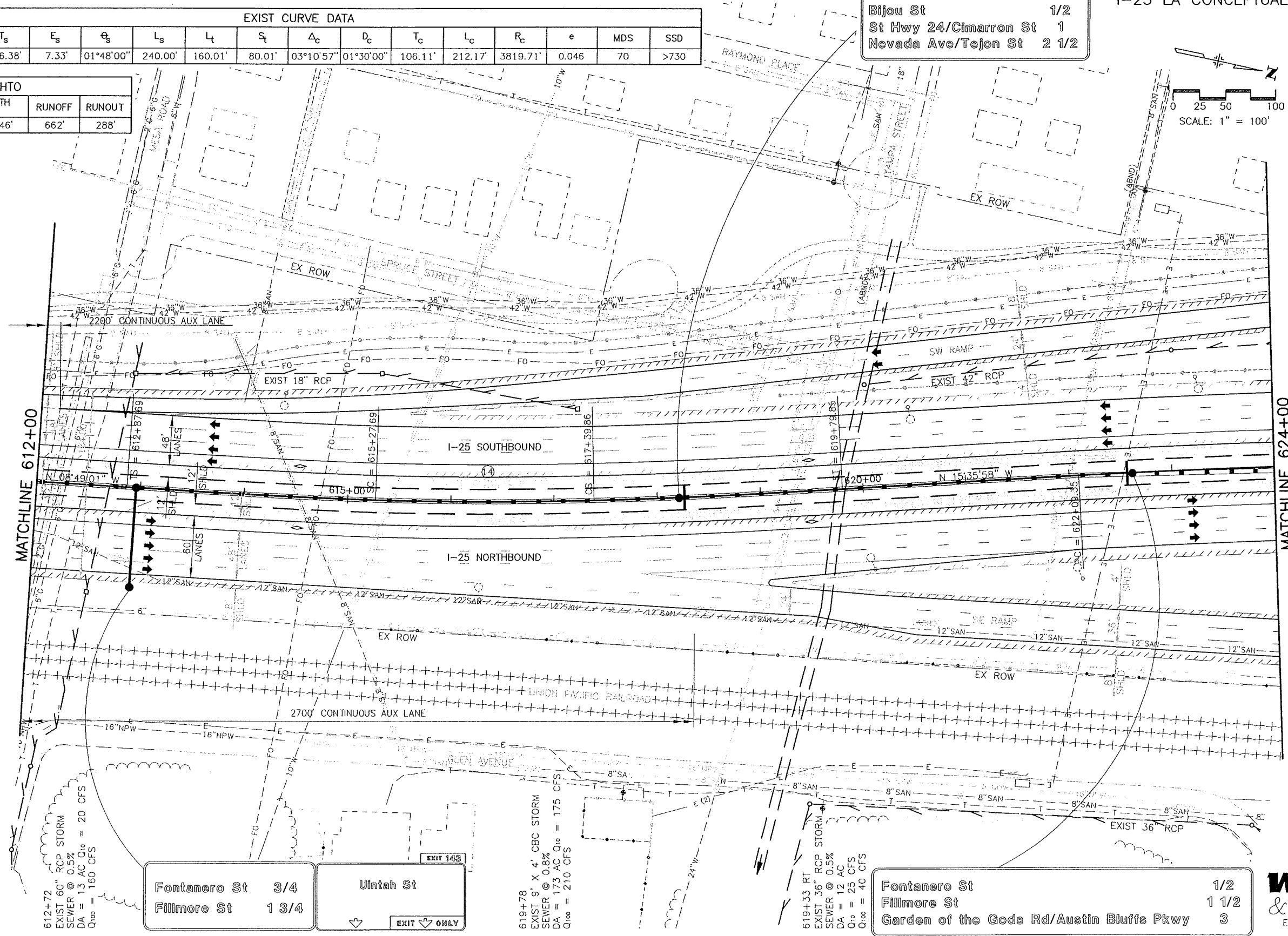
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14	06°46'57"	346.38'	7.33'	01°48'00"	240.00'	160.01'	80.01'	03°10'57"	01°30'00"	106.11'	212.17'	3819.71'	0.046	70	>730

PER AASHTO				
MIN. RAD. 70 MPH	SPIRAL MAX	LENGTH MIN	RUNOFF	RUNOUT
3820'	550'	246'	662'	288'

Bijou St 1/2
St Hwy 24/Cimarron St 1
Nevada Ave/Tejon St 2 1/2



MATCHLINE 612+00

MATCHLINE 624+00

612+72
EXIST 60" RCP STORM
SEWER @ 0.5%
DA = 13 AC Q₁₀ = 20 CFS
Q₁₀₀ = 160 CFS

Fontanero St 3/4
Fillmore St 1 3/4

Utah St
EXIT ONLY

619+78
EXIST 9" X 4" CBC STORM
SEWER @ 0.8%
DA = 173 AC Q₁₀ = 175 CFS
Q₁₀₀ = 210 CFS

619+33 RT
EXIST 36" RCP STORM
SEWER @ 0.5%
DA = 12 AC
Q₁₀ = 25 CFS
Q₁₀₀ = 40 CFS

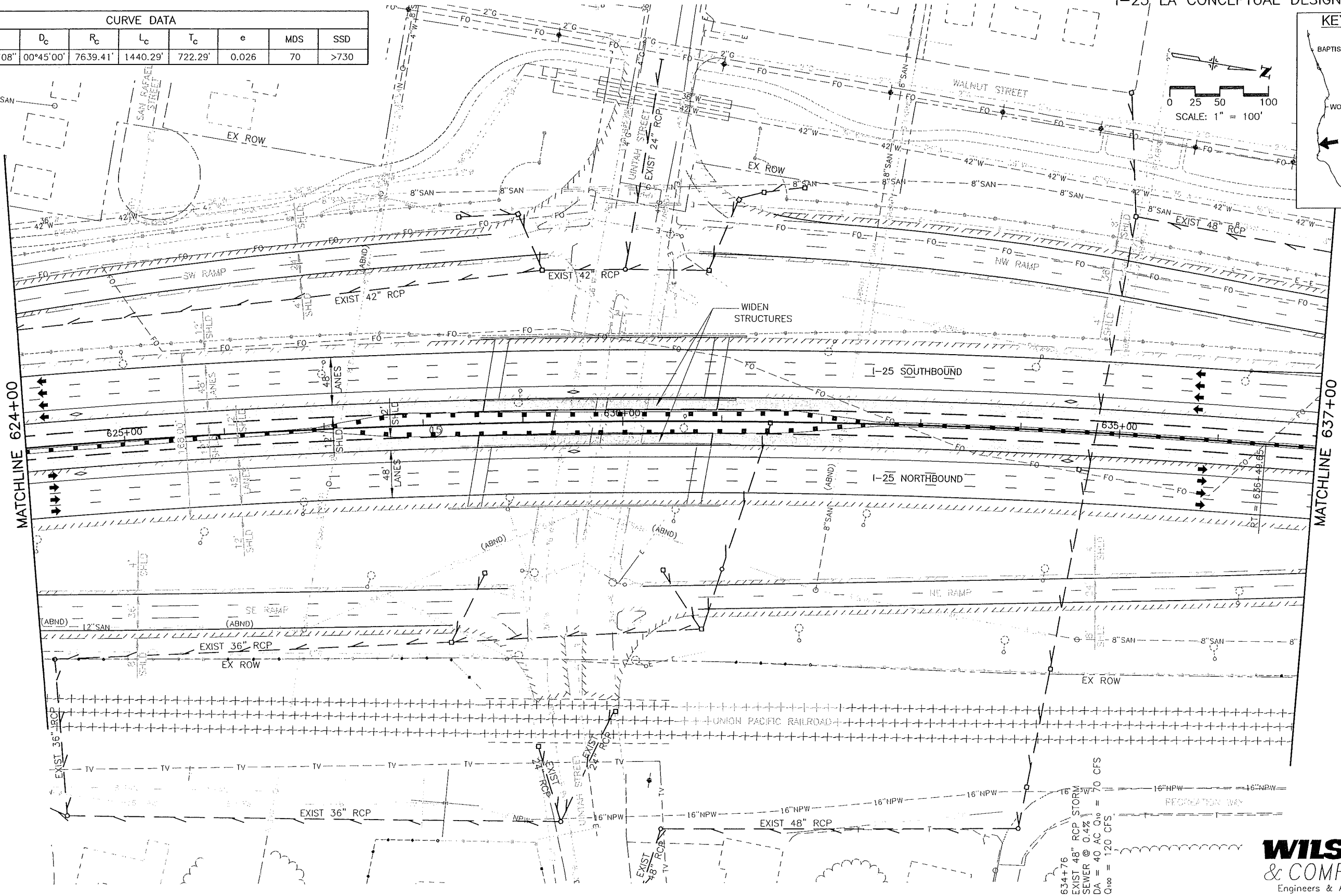
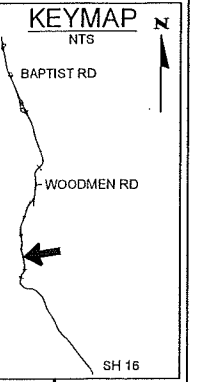
Fontanero St 1/2
Fillmore St 1 1/2
Garden of the Gods Rd/Austin Bluffs Pkwy 3

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 612+00 to 624+00		Project No./Code	
Creation Date:	11/5/01	Initials:	MAK	1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB								
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Drawing File Name:	RDPL26-35.DWG										
Acad Ver.	2000	Scale:	As Shown	Units:	English	Revised:		Detailer: MAB		12210	
						Void:		Sheet Subset: ROADWAY		Subset Sheet: 31 of 113	
										Sheet Number	

CURVE DATA								
CURVE NO.	Δ_c	D_c	R_c	L_c	T_c	e	MDS	SSD
15	10°48'08"	00°45'00"	7639.41'	1440.29'	722.29'	0.026	70	>730



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Computer File Information	
Creation Date:	11/6/01 Initials: MAK
Last Modification Date:	01/28/03 Initials: MAB
Full Path:	P:\98310091\ACAD\SHEETS
Drawing File Name:	RDPL26-35.DWG
Acad Ver.	2000 Scale: As Shown Units: English

Sheet Revisions	
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Region 2 JFF

As Constructed	
No Revisions:	
Revised:	
Void:	

I-25 Roadway Plan 624+00 to 637+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	32 of 113

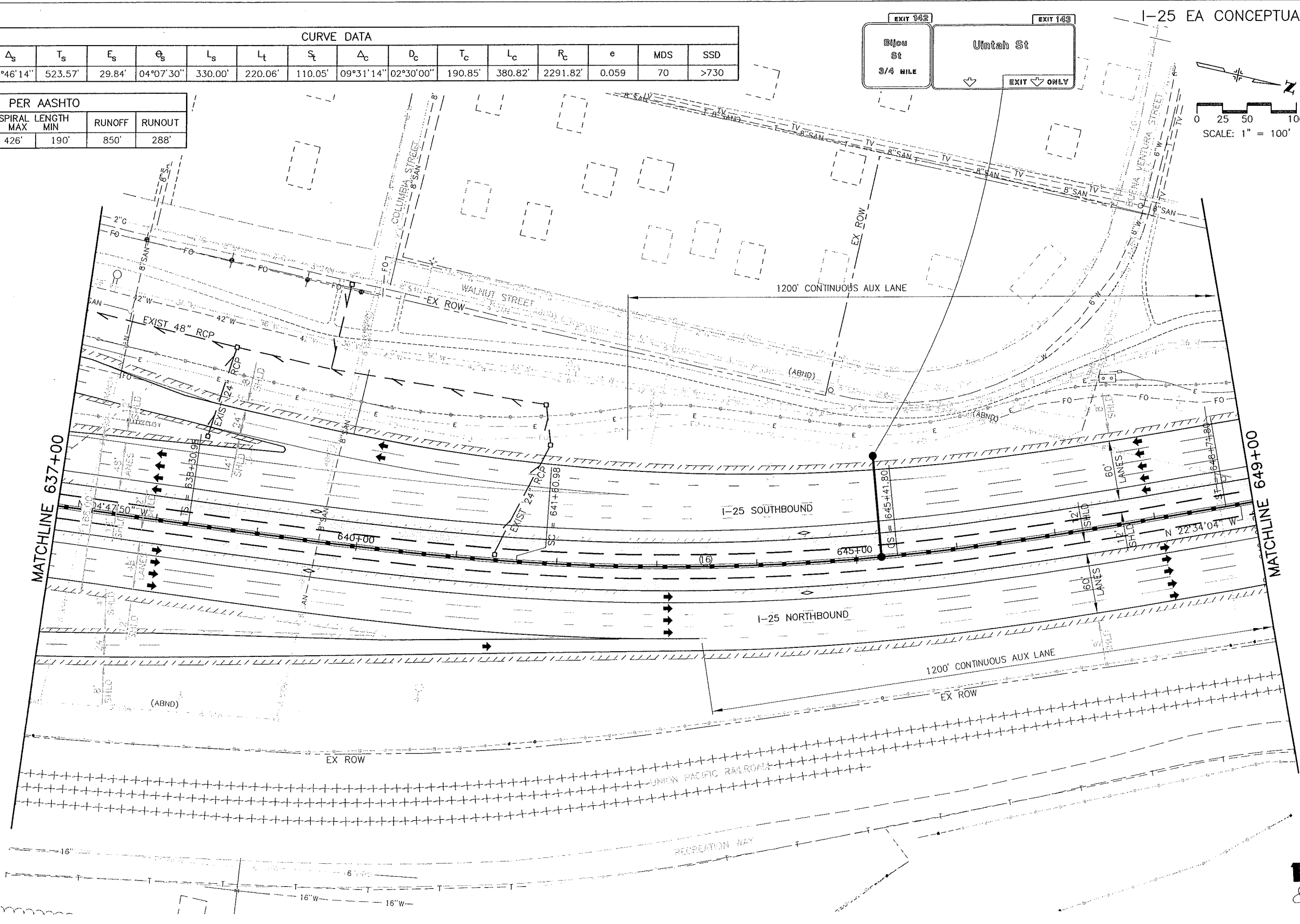
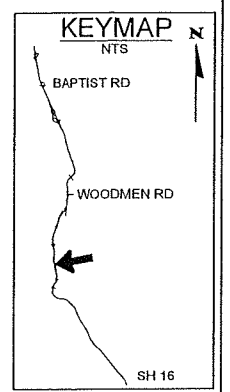
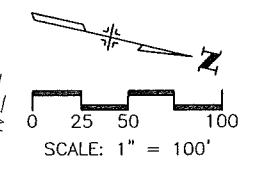
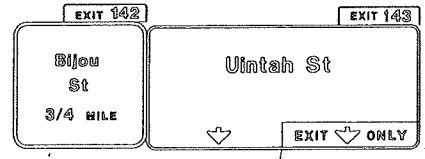
Project No./Code	
C 0252-316	
12210	
Sheet Number	

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634+76
 EXIST 48" RCP STORY
 SEWER @ 0.4%
 DA = 40 AC Q₁₀ = 70 CFS
 Q₁₀₀ = 120 CFS

CURVE DATA															
CURVE NO.	Δ_s	T_s	E_s	ϕ_s	L_s	L_t	S_t	Δ_c	D_c	T_c	L_c	R_c	e	MDS	SSD
16	17°46'14"	523.57'	29.84'	04°07'30"	330.00'	220.06'	110.05'	09°31'14"	02°30'00"	190.85'	380.82'	2291.82'	0.059	70	>730


PER AASHTO				
RAD. 70 MPH	SPIRAL LENGTH MAX	LENGTH MIN	RUNOFF	RUNOUT
2072'	426'	190'	850'	288'



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Computer File Information	
Creation Date: 11/6/01	Initials: MAK
Last Modification Date: 01/28/03	Initials: MAB
Full Path: P:\983100913\ACAD\SHEETS	
Drawing File Name: RDPL26-35.DWG	
Acad Ver. 2000	Scale: As Shown
	Units: English

Sheet Revisions	
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(R-)	
(R-)	

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As Constructed	
No Revisions:	
Revised:	
Void:	

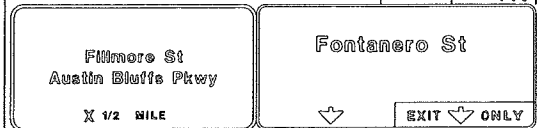
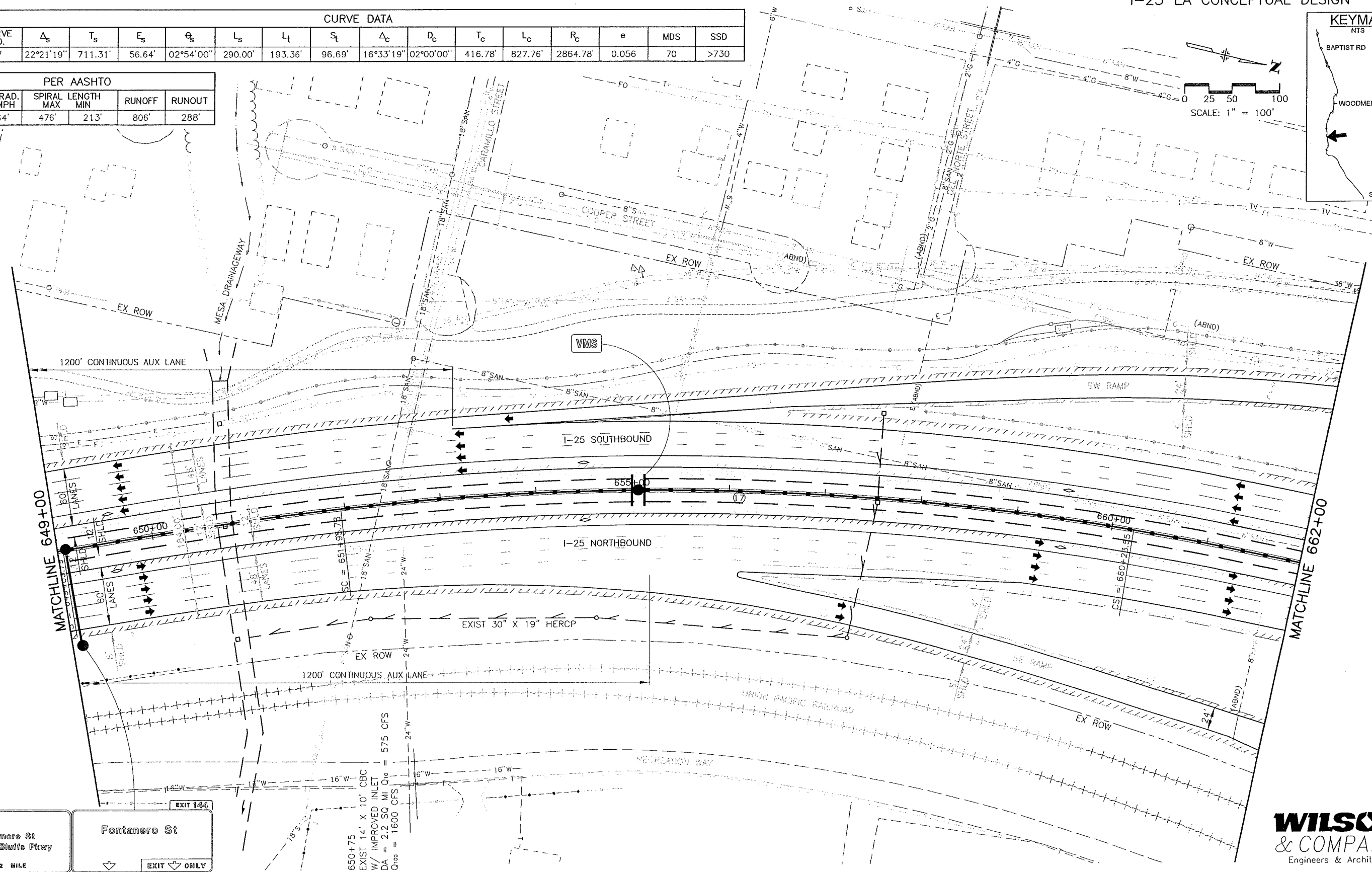
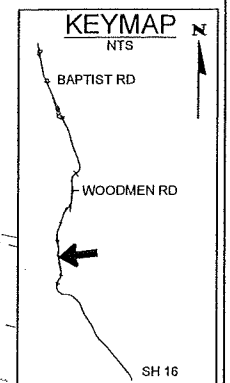
I-25 Roadway Plan 637+00 to 649+00	
Designer: MAB	
Detailer: MAB	
Sheet Subset: ROADWAY	Subset Sheet: 33 of 113

Project No./Code	
C 0252-316	
12210	
Sheet Number	

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CURVE DATA															
CURVE NO.	Δ_s	T_s	E_s	Θ_s	L_s	L_t	S_t	Δ_c	D_c	T_c	L_c	R_c	e	MDS	SSD
17	22°21'19"	711.31'	56.64'	02°54'00"	290.00'	193.36'	96.69'	16°33'19"	02°00'00"	416.78'	827.76'	2864.78'	0.056	70	>730

PER AASHTO			
MIN. RAD. 70 MPH	SPIRAL LENGTH MAX	RUNOFF MIN	RUNOUT
2864'	476'	213'	288'



650+75
 EXIST 14' X 10' CBC
 W/ IMPROVED INLET
 DA = 2.2 SQ MI Q₁₀ = 575 CFS
 Q₁₀₀ = 1600 CFS

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Computer File Information	
Creation Date: 11/6/01	Initials: MAK
Last Modification Date: 01/28/03	Initials: MAB
Full Path: P:\983100913\ACAD\SHEETS	
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Sheet Revisions	
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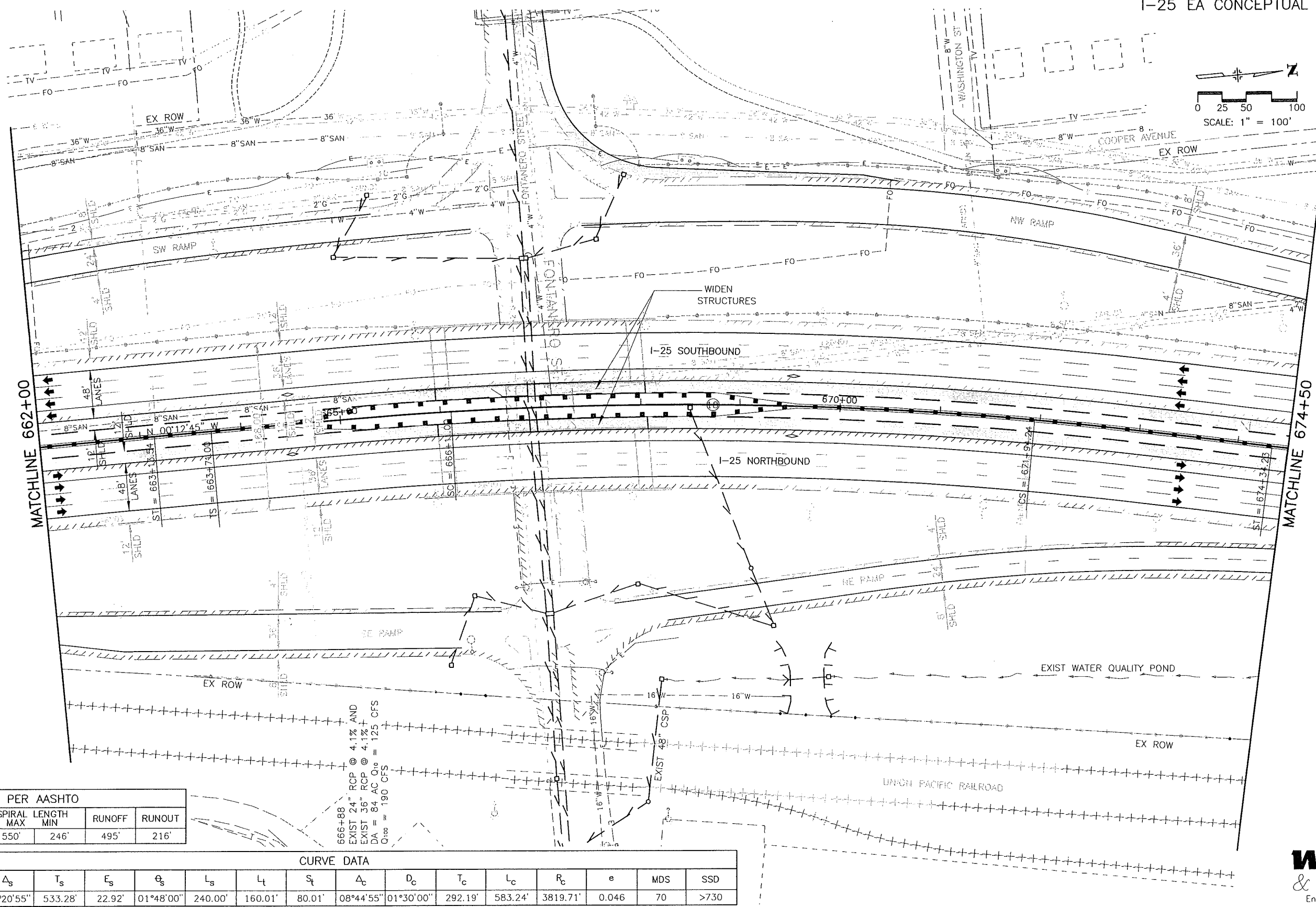
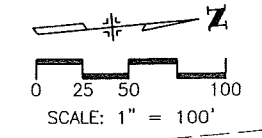
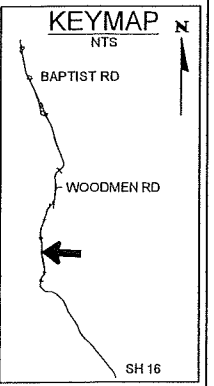
 1480 Quail Lake Loop - Suite A
 Colorado Springs, Colorado 80906
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 Region 2 JFF

As Constructed	
No Revisions:	
Revised:	
Void:	

I-25 Roadway Plan 649+00 to 662+00	
Designer: MAB	
Detailer: MAB	
Sheet Subset: ROADWAY	Subset Sheet: 34 of 113

Project No./Code	
C 0252-316	
12210	
Sheet Number	

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PER AASHTO				
RAD. 70 MPH	SPIRAL MAX	LENGTH MIN	RUNOFF	RUNOUT
3820'	550'	246'	495'	216'

CURVE DATA															
CURVE NO.	Δ_s	T_s	E_s	θ_s	L_s	L_t	S_t	Δ_c	D_c	T_c	L_c	R_c	e	MDS	SSD
18	12°20'55"	533.28'	22.92'	01°48'00"	240.00'	160.01'	80.01'	08°44'55"	01°30'00"	292.19'	583.24'	3819.71'	0.046	70	>730

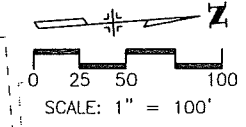
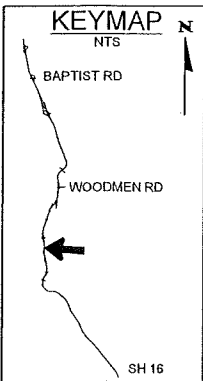
666+88
 EXIST 24" RCP @ 4.1% AND
 EXIST 36" RCP @ 4.1%
 DA = 84 AC $Q_{10} = 125$ CFS
 $Q_{100} = 190$ CFS



P:\283100913\ACAD\SHEETS\RDPL26-35.dwg, PLAN 35, 10/03/2003 03:03:01 PM, jwellis

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 662+00 to 674+50		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:		C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:				
Full Path:	P:\983100913\ACAD\SHEETS			(R-)			Designer:		12210		
Drawing File Name:	RDPL26-35.DWG			(R-)			Detailer:				Sheet Number
Acad Ver.	2000	Scale:	As Shown	(R-)		Sheet Subset: ROADWAY		Subset Sheet: 35 of 113			
		Units:	English			Void:					
				Region 2		JFF					

CURVE DATA (EXISTING)															
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19	13°01'30"	472.16'	19.84'	02°54'00"	290.00'	193.36'	96.69'	07°13'30"	02°00'00"	180.86'	361.25'	2864.78'	0.050	65	>730

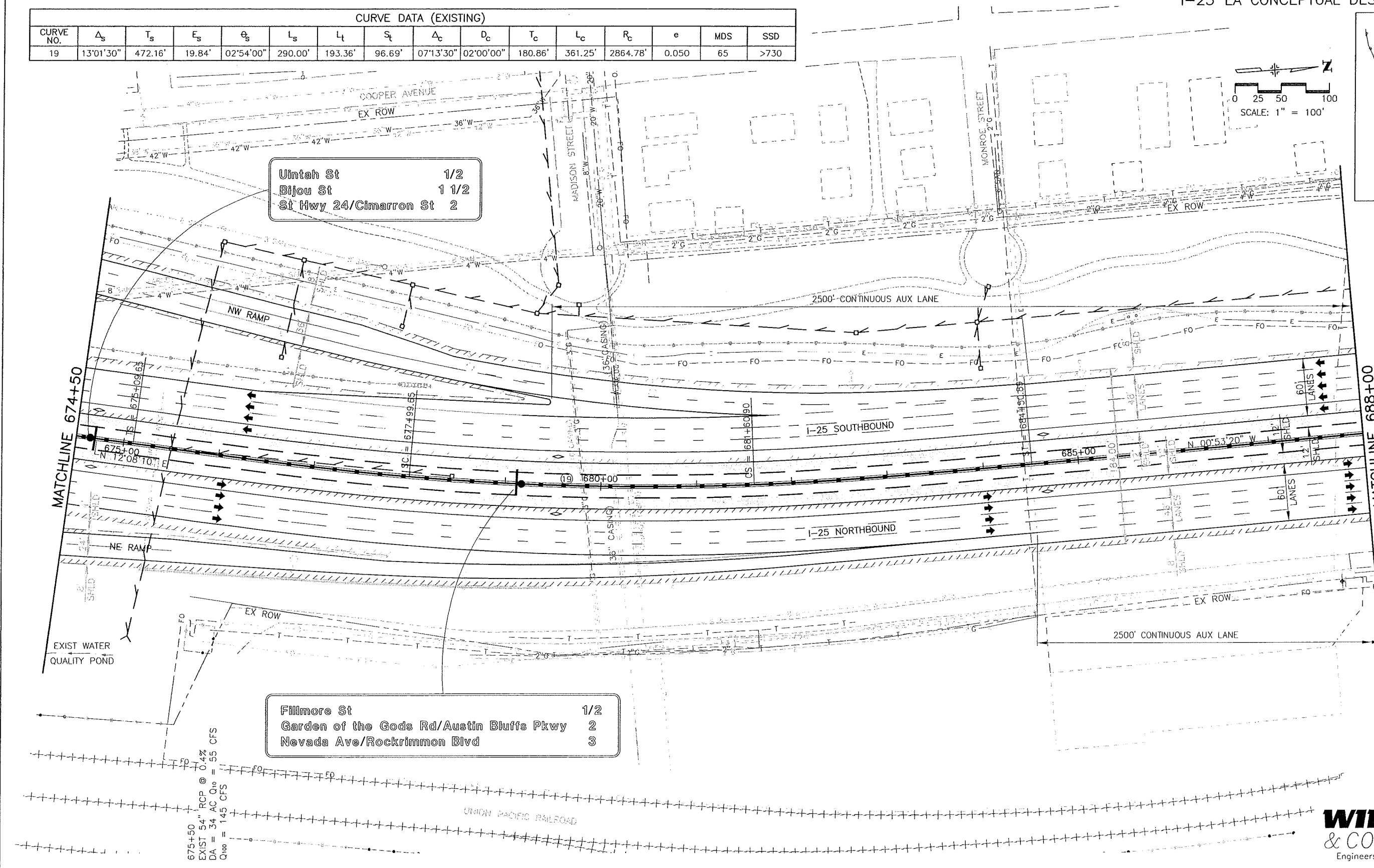


Uintah St 1/2
 Bijou St 1 1/2
 St Hwy 24/Cimarron St 2

Fillmore St 1/2
 Garden of the Gods Rd/Austin Bluffs Pkwy 2
 Nevada Ave/Rockrimmon Blvd 3

MATCHLINE 674+50

MATCHLINE 688+00




EXIST WATER QUALITY POND

675+50
 EXIST 54" RCP @ 0.4%
 DA = 34 AC Q₁₀₀ = 55 CFS
 Q₁₀₀₀ = 145 CFS

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Computer File Information			
Creation Date:	11/6/01	Initials:	MAK
Last Modification Date:	01/28/03	Initials:	MAB
Full Path:	P:\983100913\ACAD\SHEETS		
Drawing File Name:	RDPL36-45.DWG		
Acad Ver.	2000	Scale:	As Shown
		Units:	English

Sheet Revisions			
(R)			
(R)			
(R)			
(R)			

Colorado Department of Transportation

 1480 Quail Lake Loop - Suite A
 Colorado Springs, Colorado 80906
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 Region 2 JFF

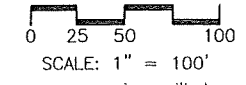
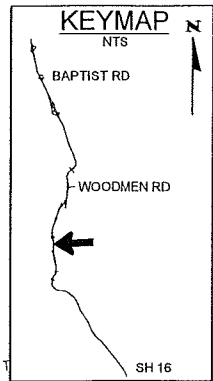
As Constructed	
No Revisions:	
Revised:	
Void:	

I-25 Roadway Plan 674+50 to 688+00			
Designer:	MAB		
Detailer:	MAB		
Sheet Subset:	ROADWAY	Subset Sheet:	36 of 113

Project No./Code	
C 0252-316	
12210	
Sheet Number	

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20	09°05'22"	372.80'	10.26'	02°54'00"	290.00'	193.36'	96.69'	03°17'22"	02°00'00"	82.26'	164.47'	2864.78'	0.050	65	>730

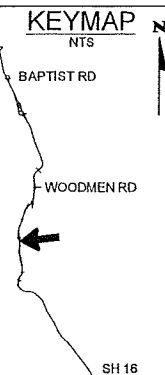


701+01
 EXIST 48" RCP STORM SEWER
 @ 2.4%
 DA = 22 AC @ 10 = 40 CFS
 Q₁₀₀ = 125 CFS

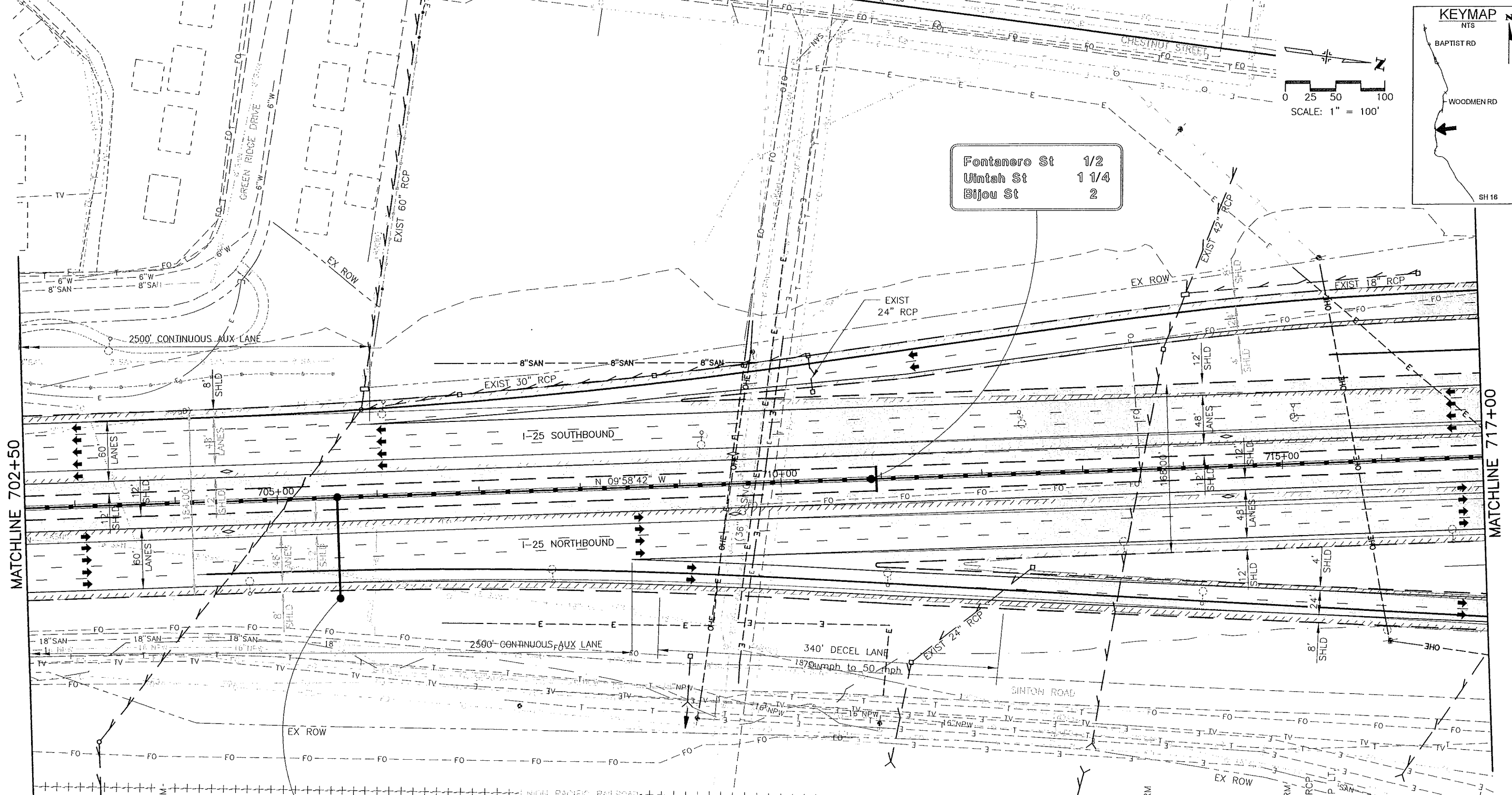
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 688+00 to 702+50		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	(R-)	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		Designer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB	(R-)		Revised:		Detailer: MAB		12210	
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Drawing File Name:	RDPL36-45.DWG	(R-)		(R-)						Sheet Number	
Acad Ver.	2000	Scale:	As Shown	(R-)							



Fontanero St 1/2
 Uintah St 1 1/4
 Bijou St 2



MATCHLINE 702+50

MATCHLINE 717+00

705+13
 EXIST 84" RCP STORM
 SEWER @ 4.2%,
 DA = 110 AC
 Q₁₀ = 115 CFS
 Q₁₀₀ = 160 CFS

Garden of the Gods Rd
 Austin Bluffs Pkwy
 1/2 MILE

EXIT 145
 38
 Fillmore St
 EXIT ONLY

713+59
 EXIST 60" RCP STORM
 SEWER @ 5.3%,
 DA = 42 AC
 Q₁₀ = 80 CFS
 Q₁₀₀ = 145 CFS

717+94
 EXIST 48" RCP STORM
 SEWER @ 5.3%
 REMOVE 24" X 90" RCP
 LT. INLET LT
 RECD 24" X 20 RCP LT
 INLET TYPE C LT

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Computer File Information	
Creation Date:	11/6/01 Initials: MAK
Last Modification Date:	01/28/03 Initials: MAB
Full Path:	P:\983100913\ACAD\SHEETS
Drawing File Name:	RDPL36-45.DWG
Acad Ver.	2000 Scale: As Shown Units: English

Sheet Revisions	
(R-)	
(R-)	
(R-)	
(R-)	

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As Constructed
No Revisions:
Revised:
Void:

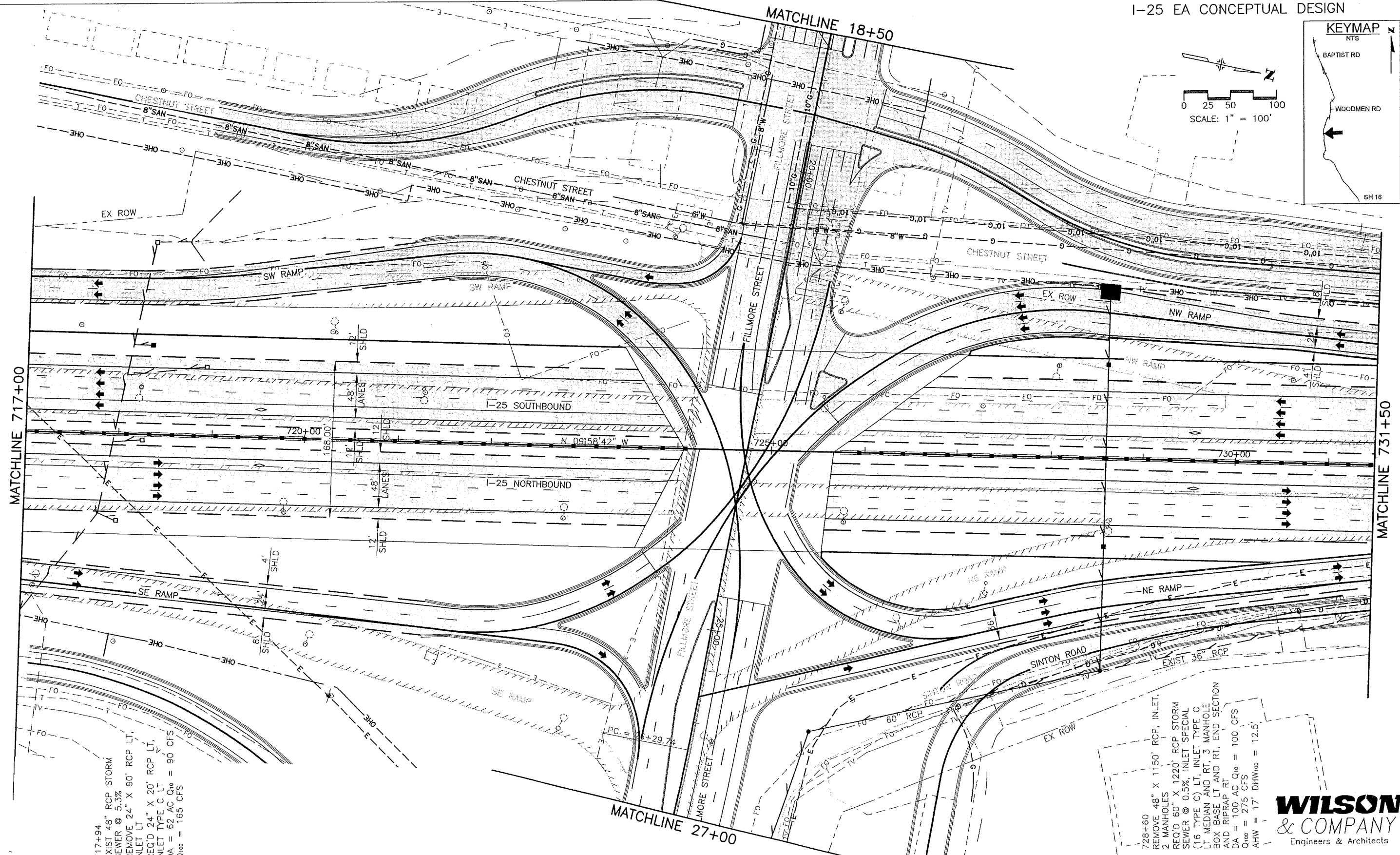
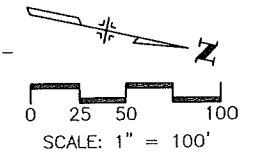
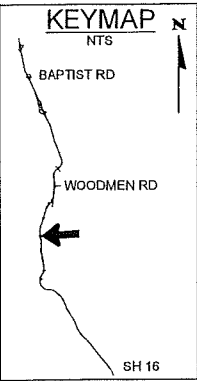
I-25 Roadway Plan 702+50 to 717+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset: ROADWAY	Subset Sheet: 38 of 113

Project No./Code
C 0252-316
12210
Sheet Number

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I-25 EA CONCEPTUAL DESIGN



717+94
 EXIST 48" RCP STORM
 SEWER @ 5.3%
 REMOVE 24" X 90' RCP LT.
 INLET LT.
 REQ'D 24" X 20' RCP LT.
 INLET TYPE C LT.
 DA = 62 AC Q₁₀₀ = 90 CFS
 Q₁₀₀ = 165 CFS

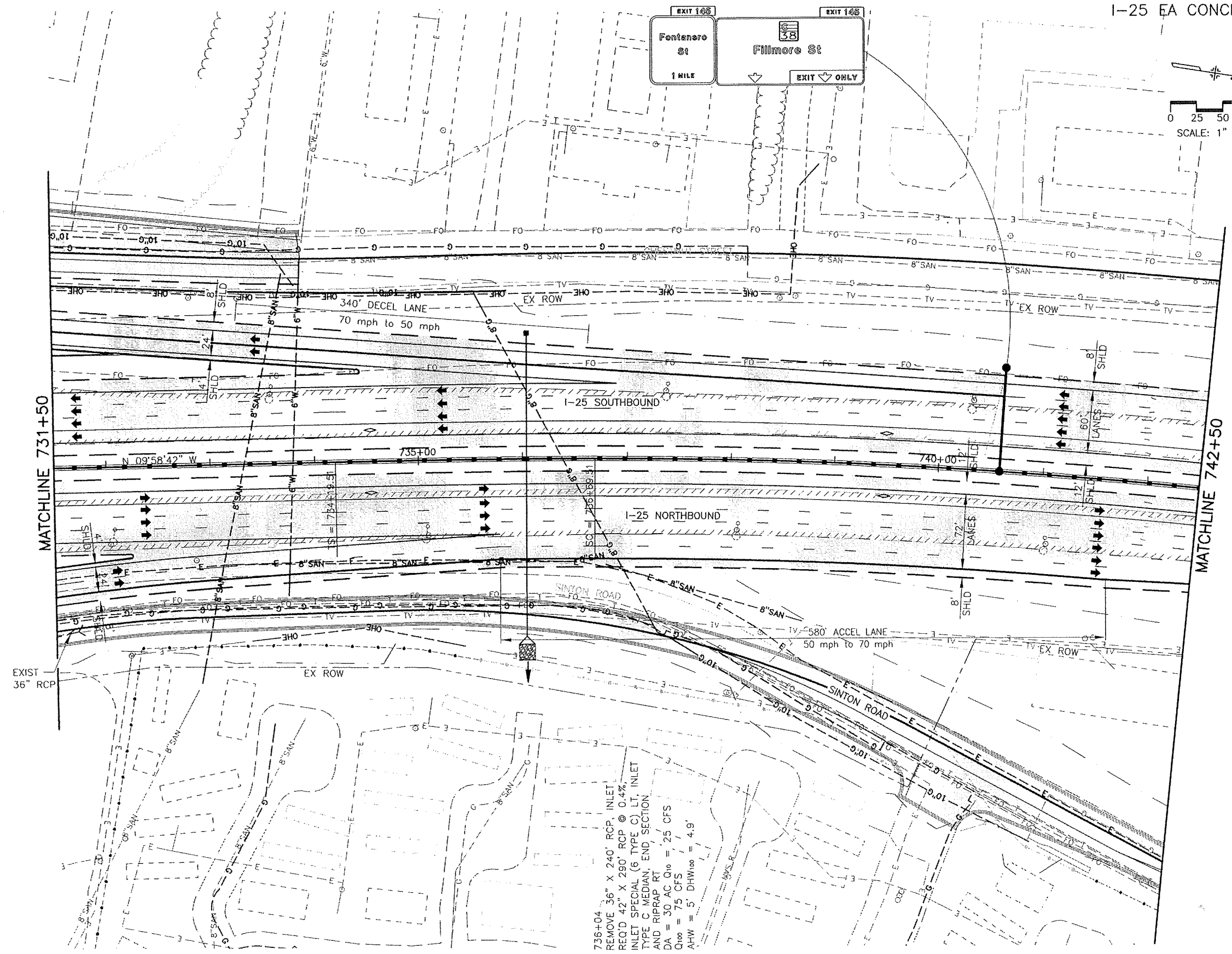
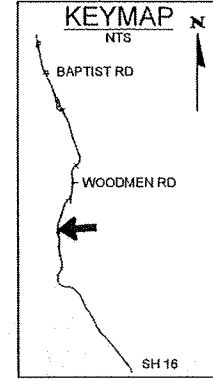
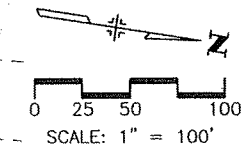
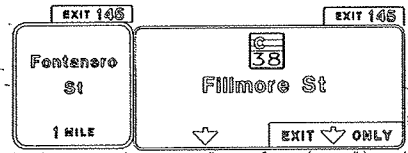
728+60
 REMOVE 48" X 1150' RCP, INLET,
 2 MANHOLES
 REQ'D 60" X 1220' RCP STORM
 SEWER @ 0.5%, INLET SPECIAL
 (16 TYPE C) LT, INLET TYPE C
 LT MEDIAN AND RT, 3 MANHOLE
 BOX BASE LT AND RT, END SECTION
 AND RIPRAP RT.
 DA = 100 AC Q₁₀₀ = 100 CFS
 Q₁₀₀ = 275 CFS
 AHW = 17' DHW₁₀₀ = 12.5'

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 717+00 to 731+50		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK (R-)			No Revisions:		Designer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB (R-)			Revised:		Detailer: MAB		12210	
Full Path:	P:\983100913\ACAD\SHEETS					Void:		Sheet Subset: ROADWAY		Subset Sheet: 39 of 113	
Drawing File Name:	RDPL36-45.DWG					Region 2		JFF		Sheet Number	
Acad Ver. 2000	Scale: As Shown	Units: English	(R-)								



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I-25 EA CONCEPTUAL DESIGN

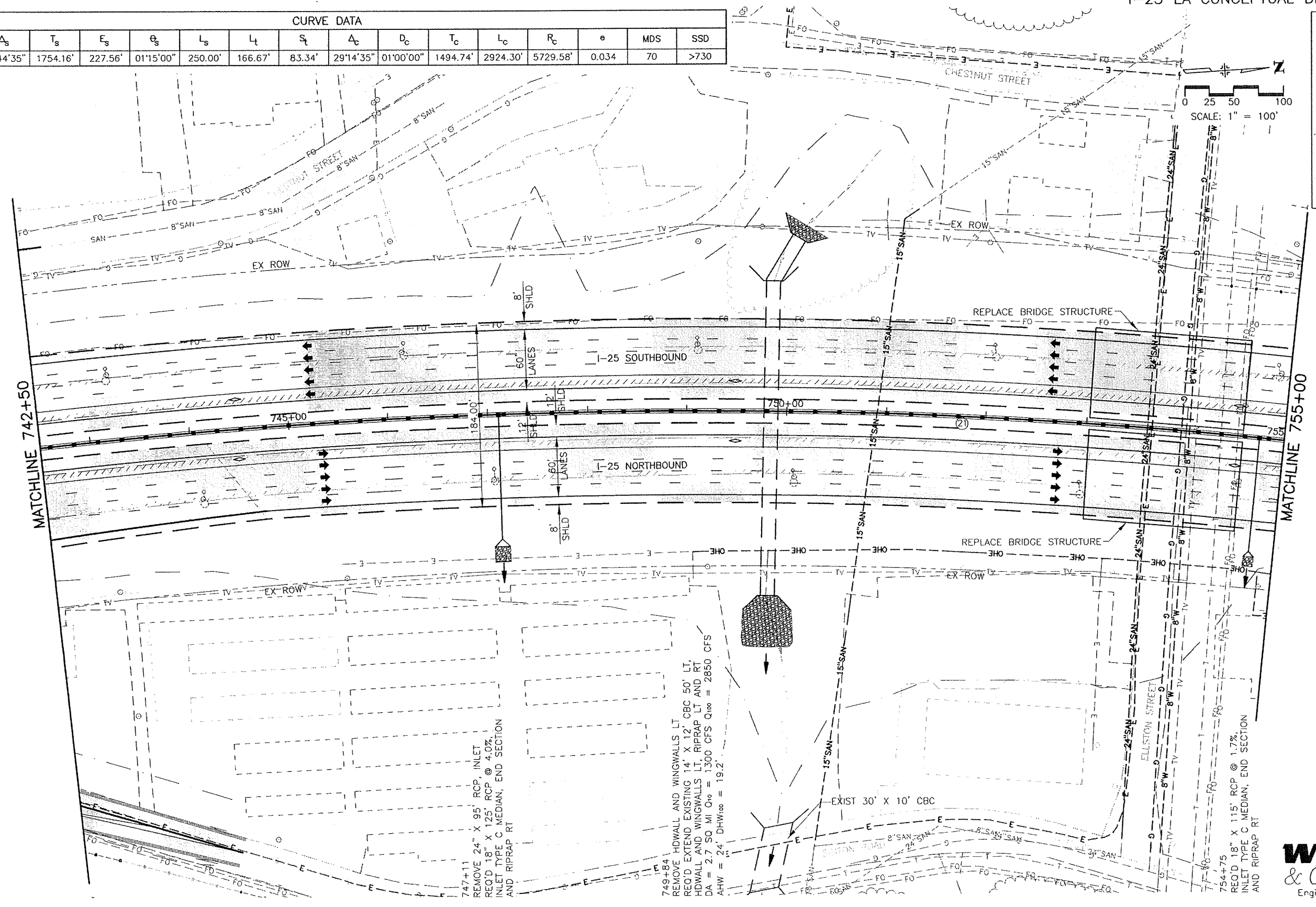
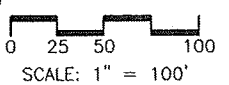
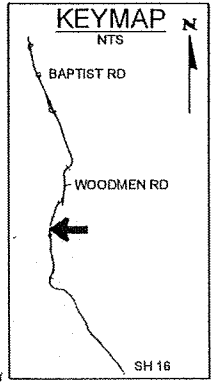


736+04
 REMOVE 36" X 240' RCP, INLET
 REQ'D 42" X 290' RCP @ 0.4%
 INLET SPECIAL (6 TYPE C) LT, INLET
 TYPE C MEDIAN, END SECTION
 AND RIPRAP RT
 DA = 30 AC Q₁₀ = 25 CFS
 Q₁₀₀ = 75 CFS
 AHW = 5' DHW₁₀₀ = 4.9'

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Computer File Information				Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 731+50 to 742+50		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		Designer: MAB		C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:		Detailer: MAB		12210		
Full Path:	P:\983100913\ACAD\SHEETS			(R-)			Void:		Sheet Subset: ROADWAY		Subset Sheet: 40 of 113		
Drawing File Name:	RDPL36-45.DWG			(R-)							Sheet Number		
Acad Ver.	2000	Scale:	As Shown	Units:	English								

CURVE DATA															
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21	31°44'35"	1754.16'	227.56'	01°15'00"	250.00'	166.67'	83.34'	29°14'35"	01°00'00"	1494.74'	2924.30'	5729.58'	0.034	70	>730




747+11
REMOVE 24" X 95' RCP, INLET
REQ'D 18" X 125' RCP @ 4.0%
INLET TYPE C MEDIAN, END SECTION
AND RIPRAP RT

749+84
REMOVE HDWALL AND WINGWALLS LT
REQ'D EXTEND EXISTING 14" X 12' CBC 50' LT,
HDWALL AND WINGWALLS LT, RIPRAP LT AND RT
DA = 2.7 SQ MI $Q_{100} = 1300$ CFS $Q_{100} = 2850$ CFS
AHW = 24' DHW_{100} = 19.2'}

754+75
REQ'D 18" X 115' RCP @ 1.7%
INLET TYPE C MEDIAN, END SECTION
AND RIPRAP RT

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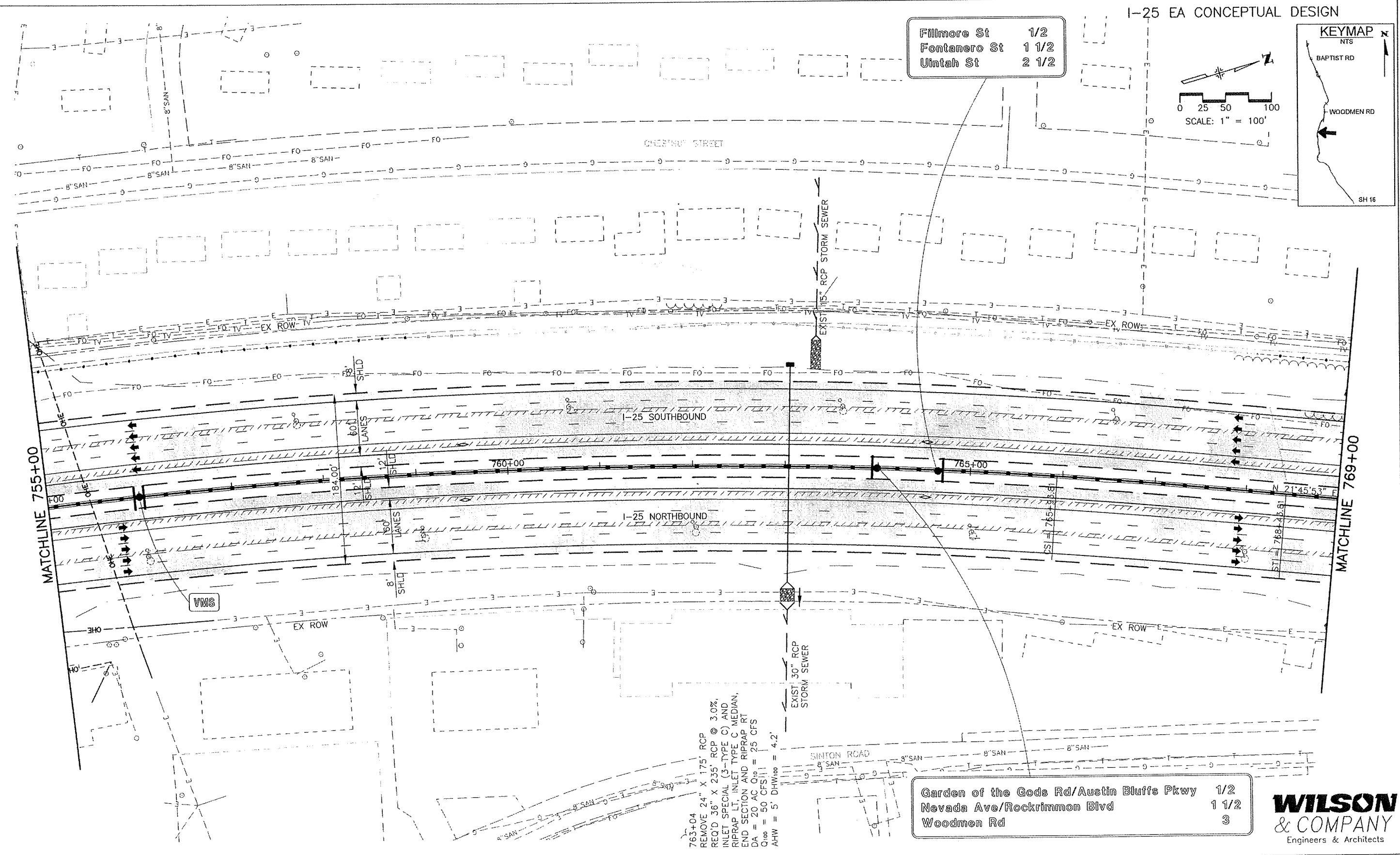
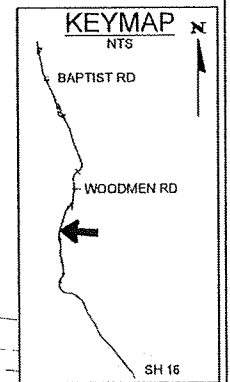
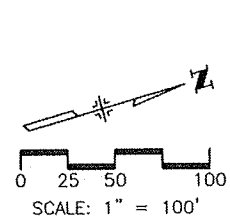
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 742+50 to 755+00		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK (R-)	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB Sheet Subset: ROADWAY		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB (R-)			Revised:				12210	
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Drawing File Name:	RDPL36-45.DWG	Initials:	(R-)					Subset Sheet: 41 of 113			
Acad Ver.	2000	Scale:	As Shown	Units:	English						

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I-25 EA CONCEPTUAL DESIGN

Fillmore St 1/2
 Fontanero St 1 1/2
 Uintah St 2 1/2



763+04
 REMOVE 24" X 175' RCP
 REQ'D 36" X 235' RCP @ 3.0%
 INLET SPECIAL (3-TYPE C) AND
 RIPRAP LT. INLET TYPE C MEDIAN,
 END SECTION AND RIPRAP RT
 DA = 20 AC C10 = 25 CFS
 Q100 = 50 CFS
 AHW = 5' DHW100 = 4.2'

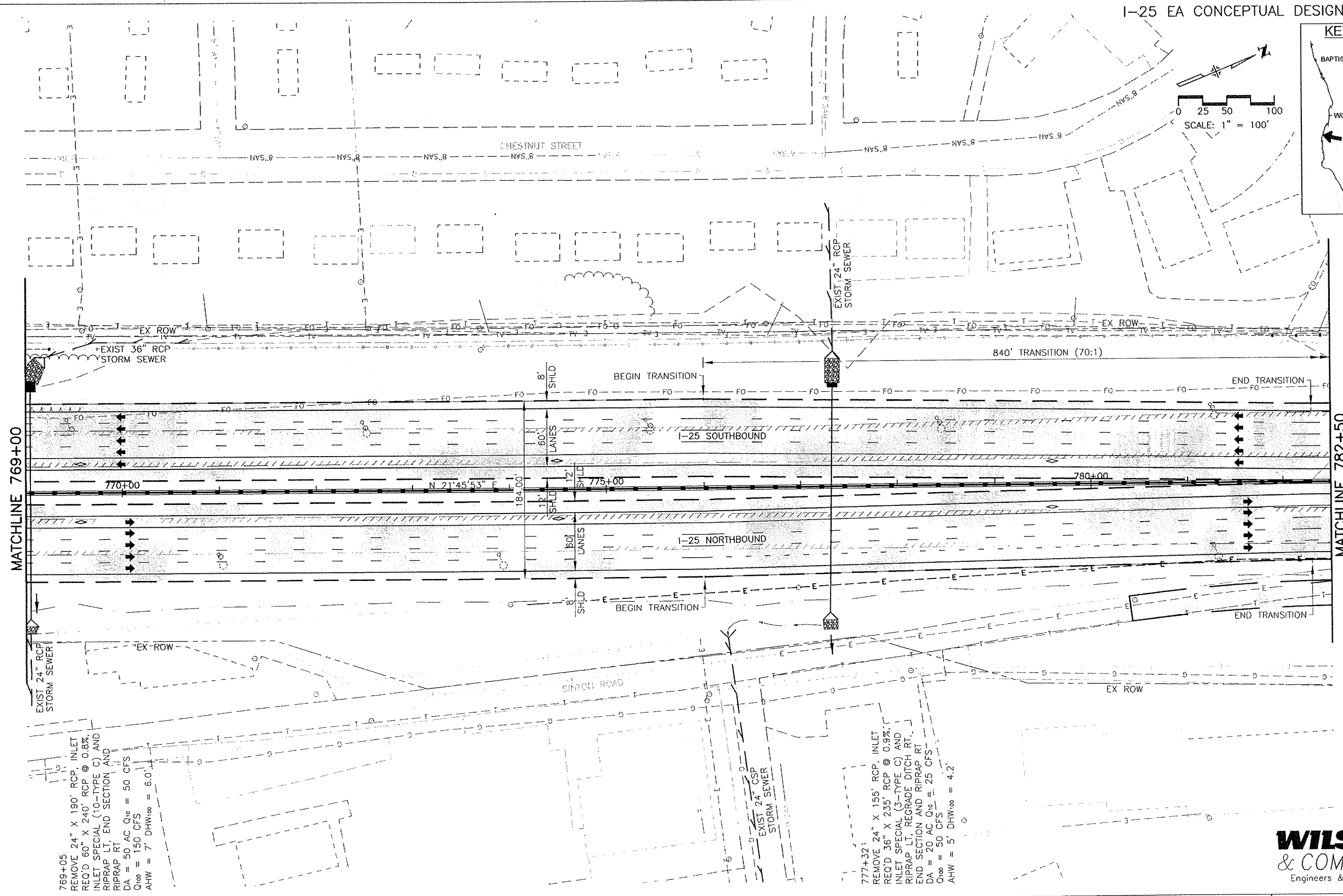
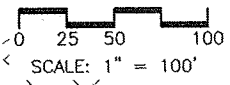
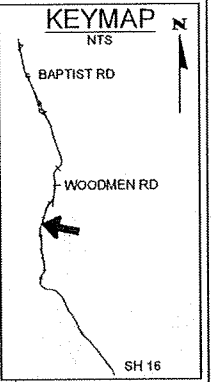
Garden of the Gods Rd/Austin Bluffs Pkwy 1/2
 Nevada Ave/Rockrimmon Blvd 1 1/2
 Woodmen Rd 3

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK			No Revisions:		755+00 to 769+00		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:		Designer: MAB		12210	
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Drawing File Name:	RDPL36-45.DWG			Region 2		JFF		Sheet Subset: ROADWAY		Subset Sheet: 42 of 113	
Acad Ver.	2000	Scale:	As Shown	Units:	English						

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I-25 EA CONCEPTUAL DESIGN



769+05
 REMOVE 24" X 190' RCP, INLET
 REQ'D 60" X 240' RCP @ 0.8%
 INLET SPECIAL (10-TYPE C) AND
 RIPRAP LT, END SECTION AND
 RIPRAP RT
 DA = 50 AC @ 0.10 = 50 CFS
 Q₁₀₀ = 150 CFS
 AHW = 7' DHW₁₀₀ = 6.0'

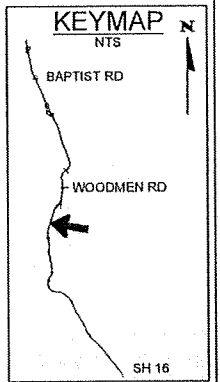
777+32.1
 REMOVE 24" X 155' RCP, INLET
 REQ'D 36" X 235' RCP @ 0.9%
 INLET SPECIAL (3-TYPE C) AND
 RIPRAP LT, REGRADE DITCH RT,
 END SECTION AND RIPRAP RT
 DA = 20 AC @ 0.10 = 25 CFS
 Q₁₀₀ = 50 CFS
 AHW = 5' DHW₁₀₀ = 4.2'



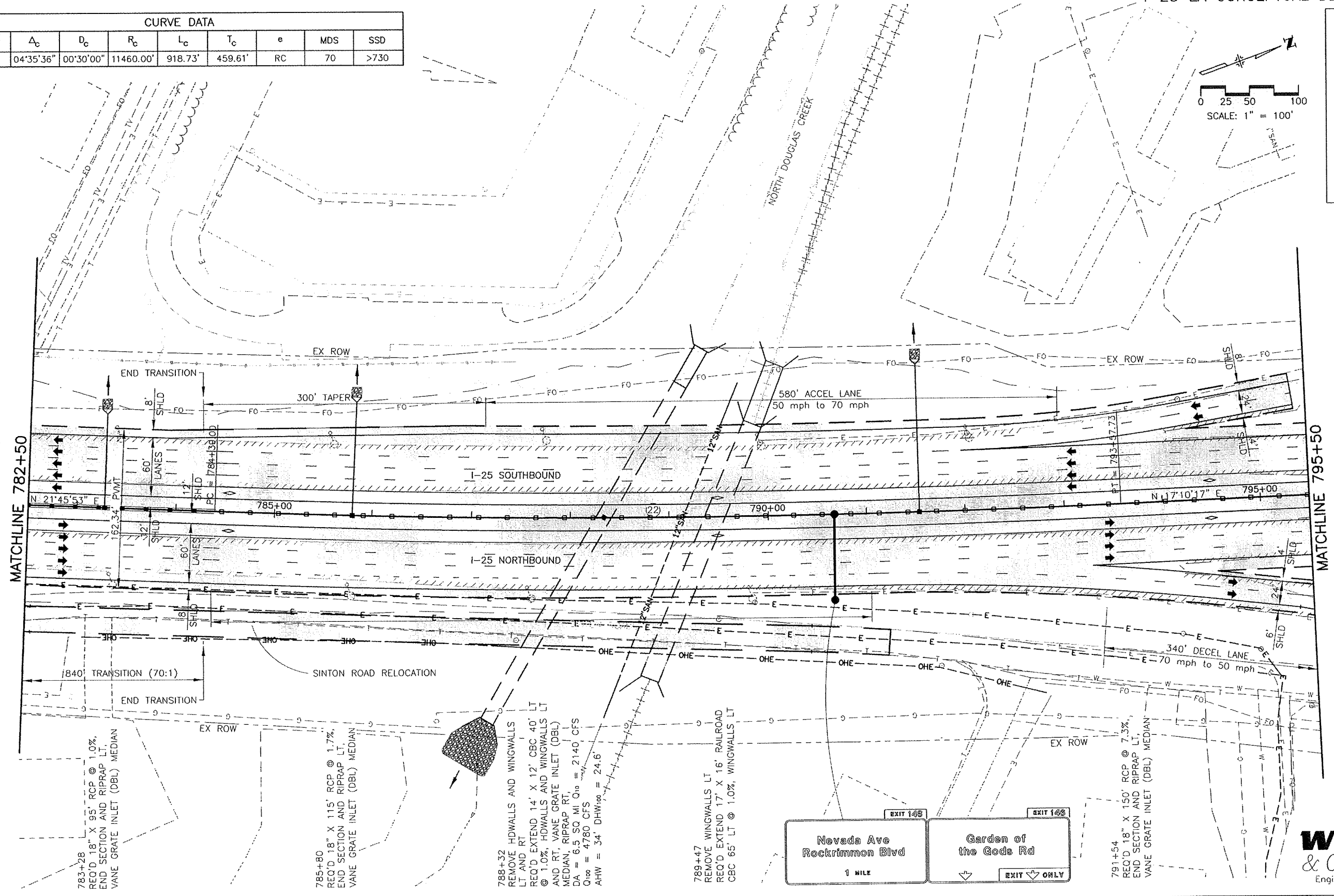
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Creation Date:	11/7/01	Initials:	MAK	1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 43 of 113		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210	
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I-25 EA CONCEPTUAL DESIGN



CURVE DATA								
CURVE NO.	Δ_c	D_c	R_c	L_c	T_c	e	MDS	SSD
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MATCHLINE 782+50

MATCHLINE 795+50

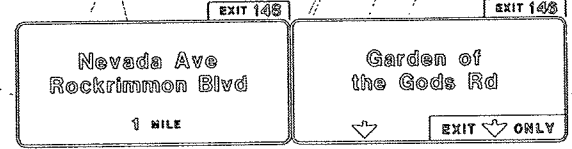
783+28
REQ'D 18" X 95' RCP @ 1.0%,
END SECTION AND RIPRAP LT,
VANE GRATE INLET (DBL) MEDIAN

785+80
REQ'D 18" X 115' RCP @ 1.7%,
END SECTION AND RIPRAP LT,
VANE GRATE INLET (DBL) MEDIAN

788+32
REMOVE HDWALLS AND WINGWALLS
LT AND RT
REQ'D EXTEND 14' X 12' CBC 40' LT
@ 1.0% HDWALLS AND WINGWALLS
AND RT, VANE GRATE INLET (DBL)
MEDIAN, RIPRAP RT,
DA = 6.5 SQ MI Q10 = 2140 CFS
Q100 = 4780 CFS
AHW = 34' DHW100 = 24.6'

789+47
REMOVE WINGWALLS LT
REQ'D EXTEND 17' X 16' RAILROAD
CBC 65' LT @ 1.0%, WINGWALLS LT

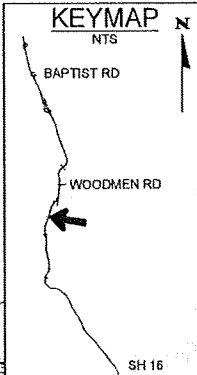
791+54
REQ'D 18" X 150' RCP @ 7.3%,
END SECTION AND RIPRAP LT,
VANE GRATE INLET (DBL) MEDIAN



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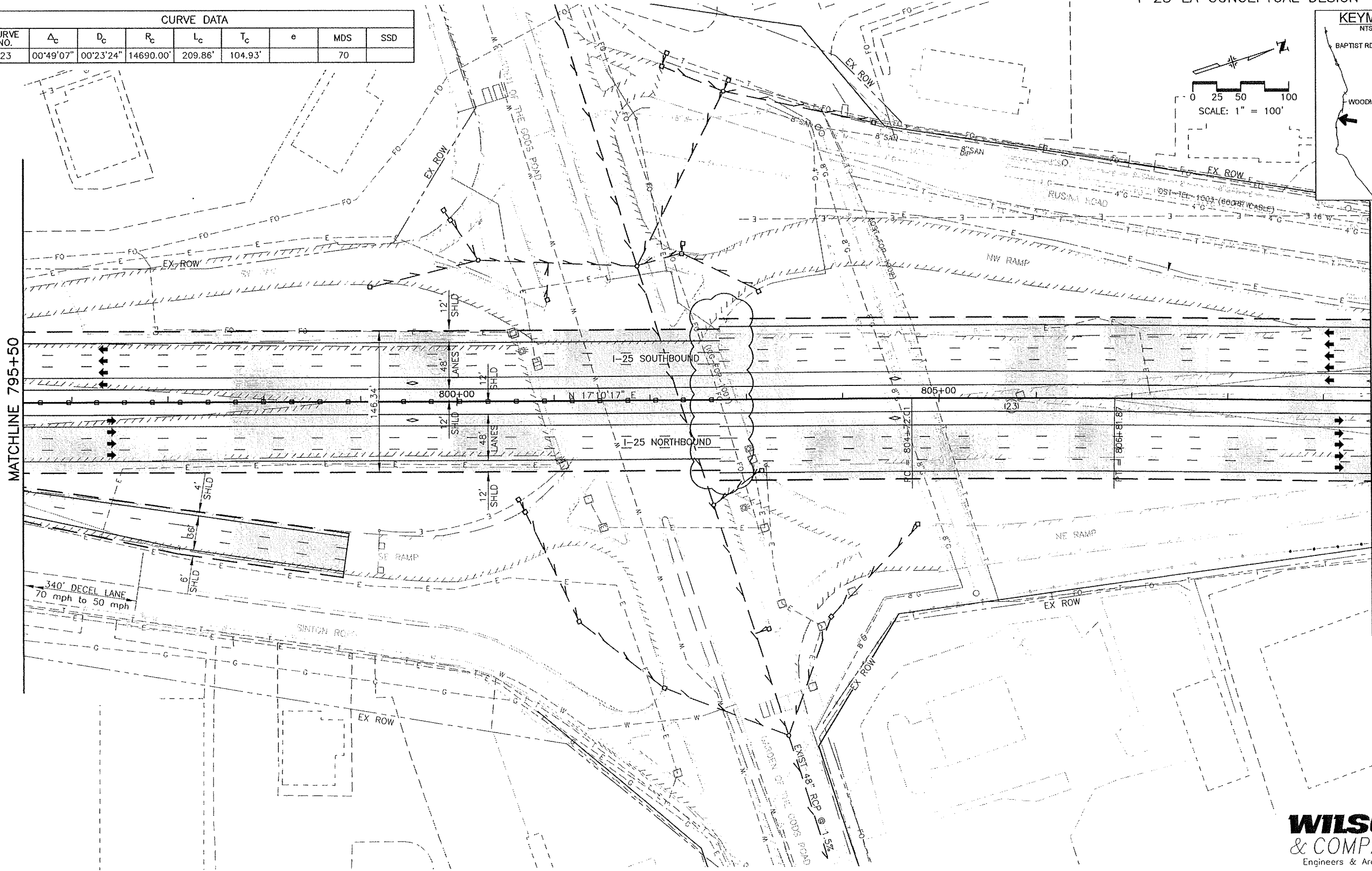
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Creation Date:	11/7/01	Initials:	MAK			1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:			C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB				Revised:			12210	
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Acad Ver.	2000	Scale:	As Shown	Units:	English			Detailer: MAB		Sheet Subset: ROADWAY	
								Sheet Subset: ROADWAY		Subset Sheet: 44 of 113	

CURVE DATA										
CURVE NO.	Δ_c	D_c	R_c	L_c	T_c	e	MDS	SSD		
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MATCHLINE 795+50

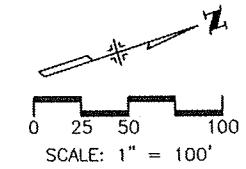
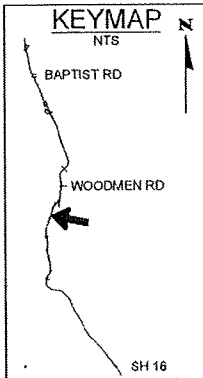
MATCHLINE 809+50



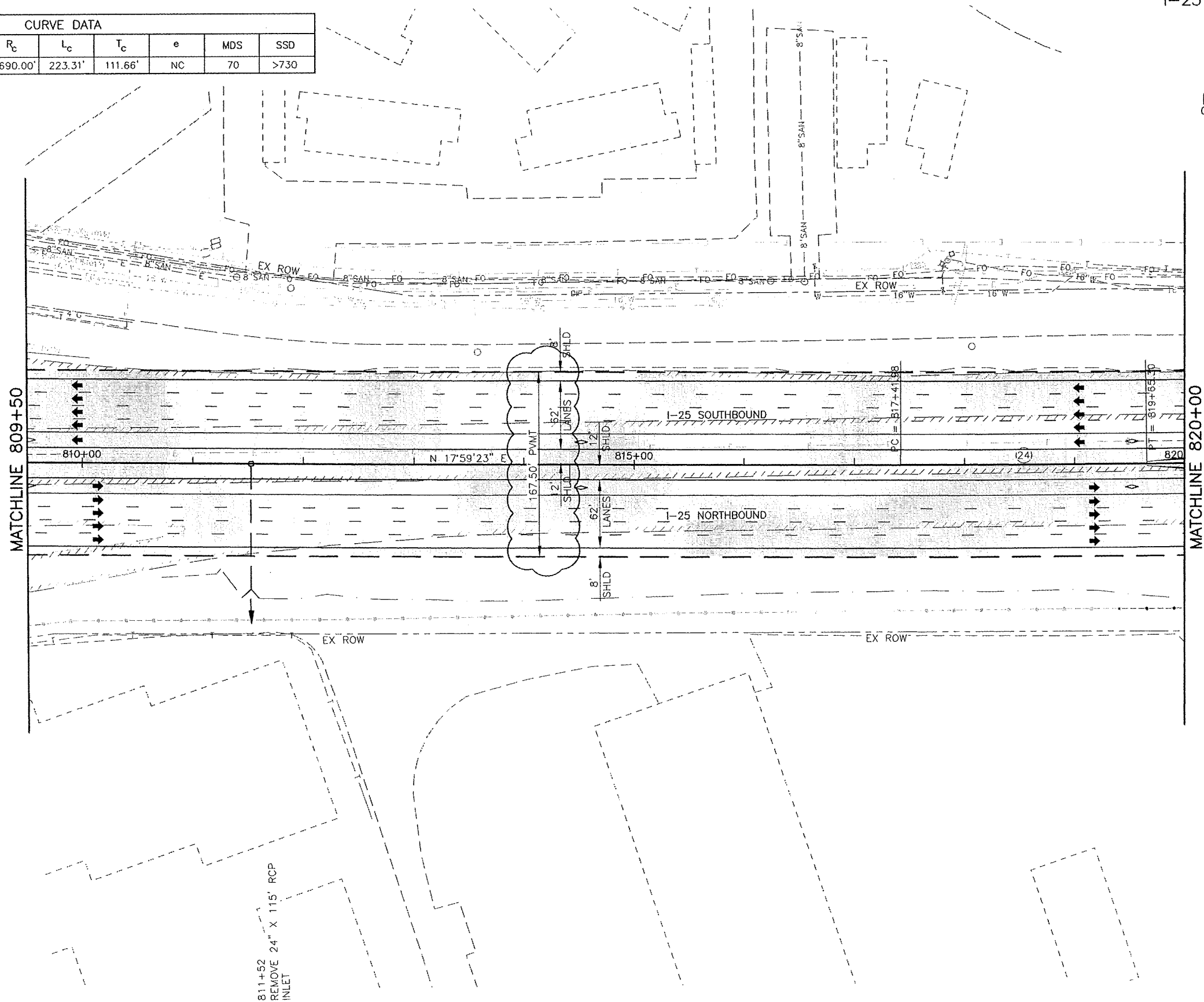
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 795+50 to 809+50		Project No./Code		
Creation Date:	11/7/01	Initials:	MAK	(R-)		1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:			C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:			12210		
Full Path:	P:\983100913\ACAD\SHEETS			(R-)			Void:			Sheet Number		
Drawing File Name:	RDPL36-45.DWG			(R-)					Designer:	MAB		
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF	Sheet Subset:	ROADWAY	Subset Sheet:	45 of 113



CURVE DATA								
CURVE NO.	Δ_c	D_c	R_c	L_c	T_c	e	MDS	SSD
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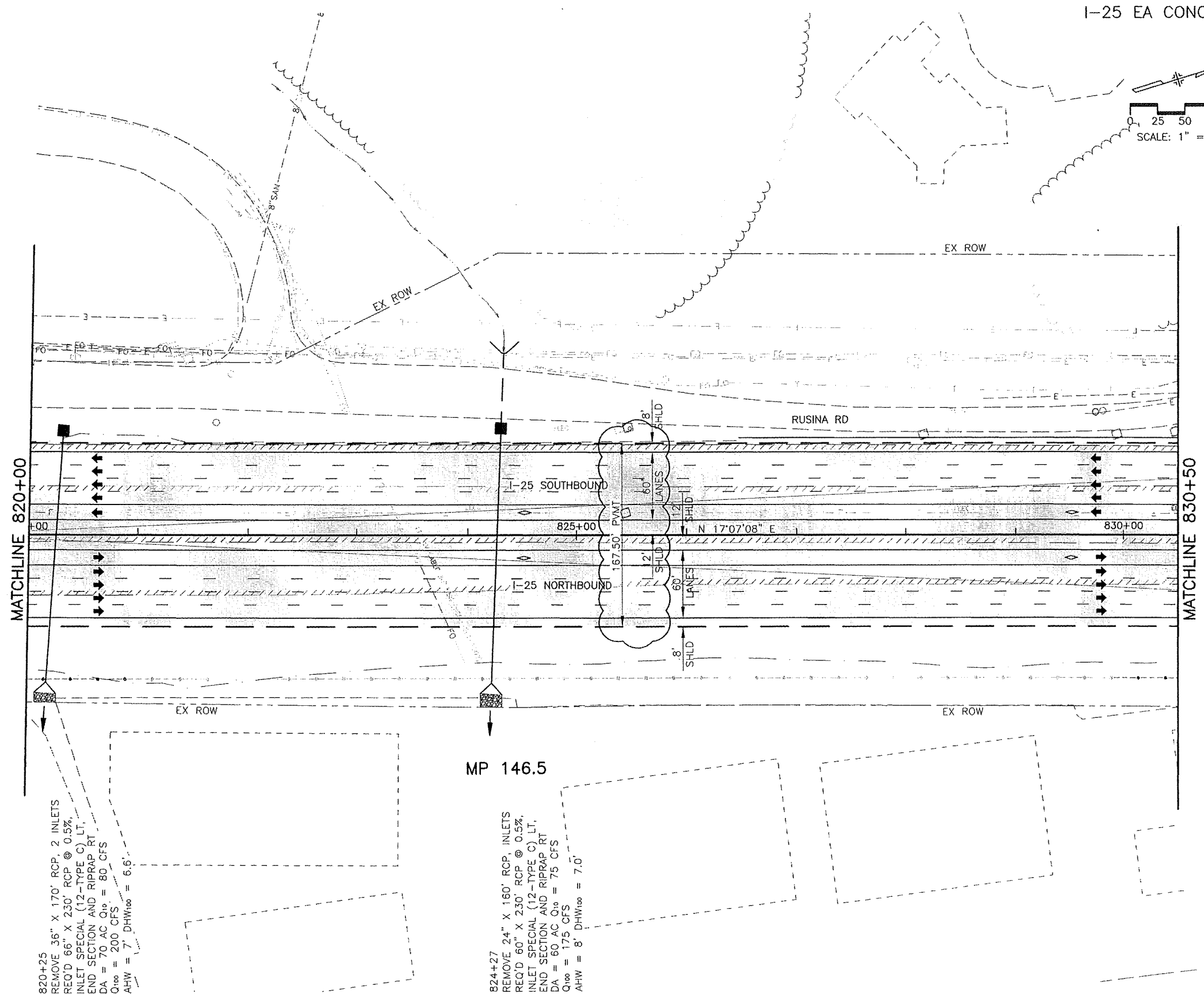
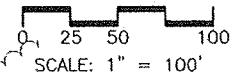
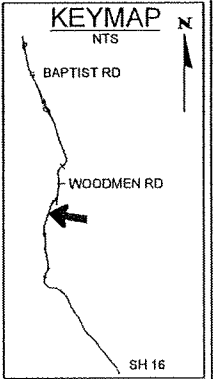
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 809+50 to 820+00		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK (R-)	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB (R-)			Revised:				12210	
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Acad Ver.	2000	Scale:	As Shown	Units:	English						

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I-25 EA CONCEPTUAL DESIGN




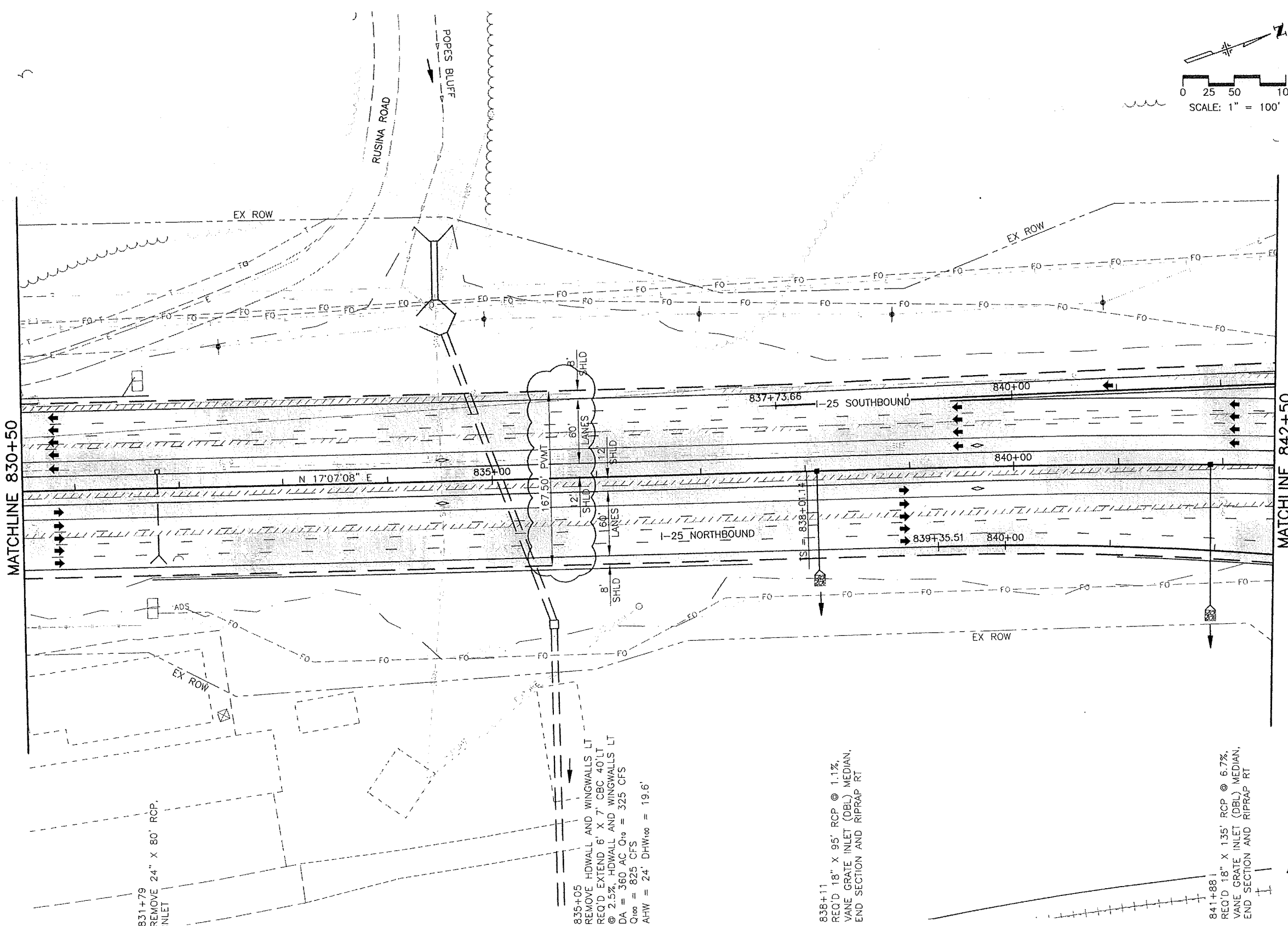
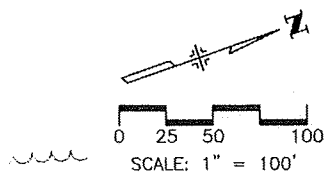
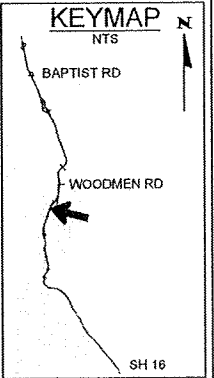
820+25
 REMOVE 36" X 170' RCP, 2 INLETS
 REQ'D 66" X 230' RCP @ 0.5%
 INLET SPECIAL (12-TYPE C) LT,
 END SECTION AND RIPRAP RT
 DA = 70 AC Q₁₀ = 80 CFS
 Q₁₀₀ = 200 CFS
 AHW = 7' DHW₁₀₀ = 6.6'

MP 146.5

824+27
 REMOVE 24" X 160' RCP, INLETS
 REQ'D 60" X 230' RCP @ 0.5%
 INLET SPECIAL (12-TYPE C) LT,
 END SECTION AND RIPRAP RT
 DA = 60 AC Q₁₀ = 75 CFS
 Q₁₀₀ = 175 CFS
 AHW = 8' DHW₁₀₀ = 7.0'

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 820+00 to 830+50		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB Sheet Subset: ROADWAY		C 0252-316	
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Drawing File Name:	RDPL46-55.DWG	Initials:						Sheet Number			
Acad Ver.	2000	Scale:	As Shown	Units:	English						




831+79
REMOVE 24" X 80' RCP.
INLET

835+05
REMOVE HDWALL AND WINGWALLS LT
REQ'D EXTEND 6' X 7' CBC 40' LT
@ 2.5% HDWALL AND WINGWALLS LT
DA = 360 AC Q₁₀ = 325 CFS
Q₁₀₀ = 825 CFS
AHW = 24' DHW₁₀₀ = 19.6'

838+11
REQ'D 18" X 95' RCP @ 1.1%,
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

841+88.1
REQ'D 18" X 135' RCP @ 6.7%,
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 830+50 to 842+50		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 48 of 113		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210	
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Acad Ver.	2000	Scale:	As Shown			Units:	English				

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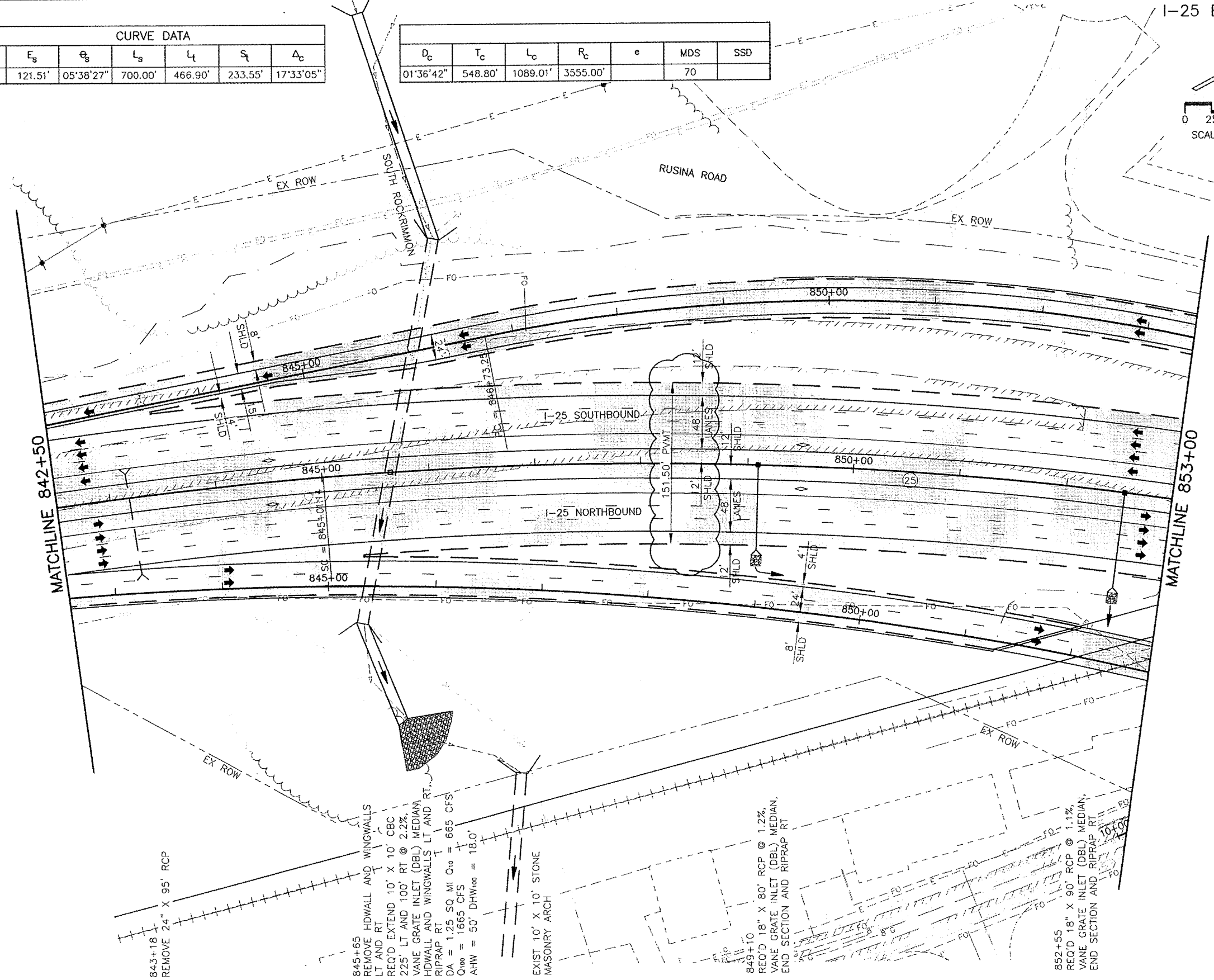
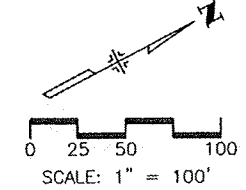
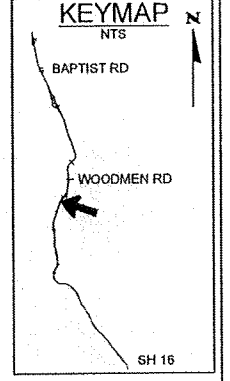
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CURVE DATA								
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25	28°50'00"	1265.23'	121.51'	05'38'27"	700.00'	466.90'	233.55'	17'33'05"

D_c	T_c	L_c	R_c	e	MDS	SSD
01'36'42"	548.80'	1089.01'	3555.00'		70	

I-25 EA CONCEPTUAL DESIGN



MATCHLINE 842+50

MATCHLINE 853+00


843+18
REMOVE 24" X 95" RCP

845+65
REMOVE HDWALL AND WINGWALLS
LT AND RT
REQ'D EXTEND 10' X 10' CBC
225' LT AND 100' RT @ 2.2%
VANE GRATE INLET (DBL) MEDIAN
HDWALL AND WINGWALLS LT AND RT
RIPRAP RT
DA = 1.25 SQ MI Q₁₀ = 665 CFS
Q₁₀₀ = 1665 CFS
AHW = 50' DHW₁₀₀ = 18.0'

EXIST 10' X 10' STONE
MASONRY ARCH

849+10
REQ'D 18" X 80" RCP @ 1.2%
VANE GRATE INLET (DBL) MEDIAN
END SECTION AND RIPRAP RT

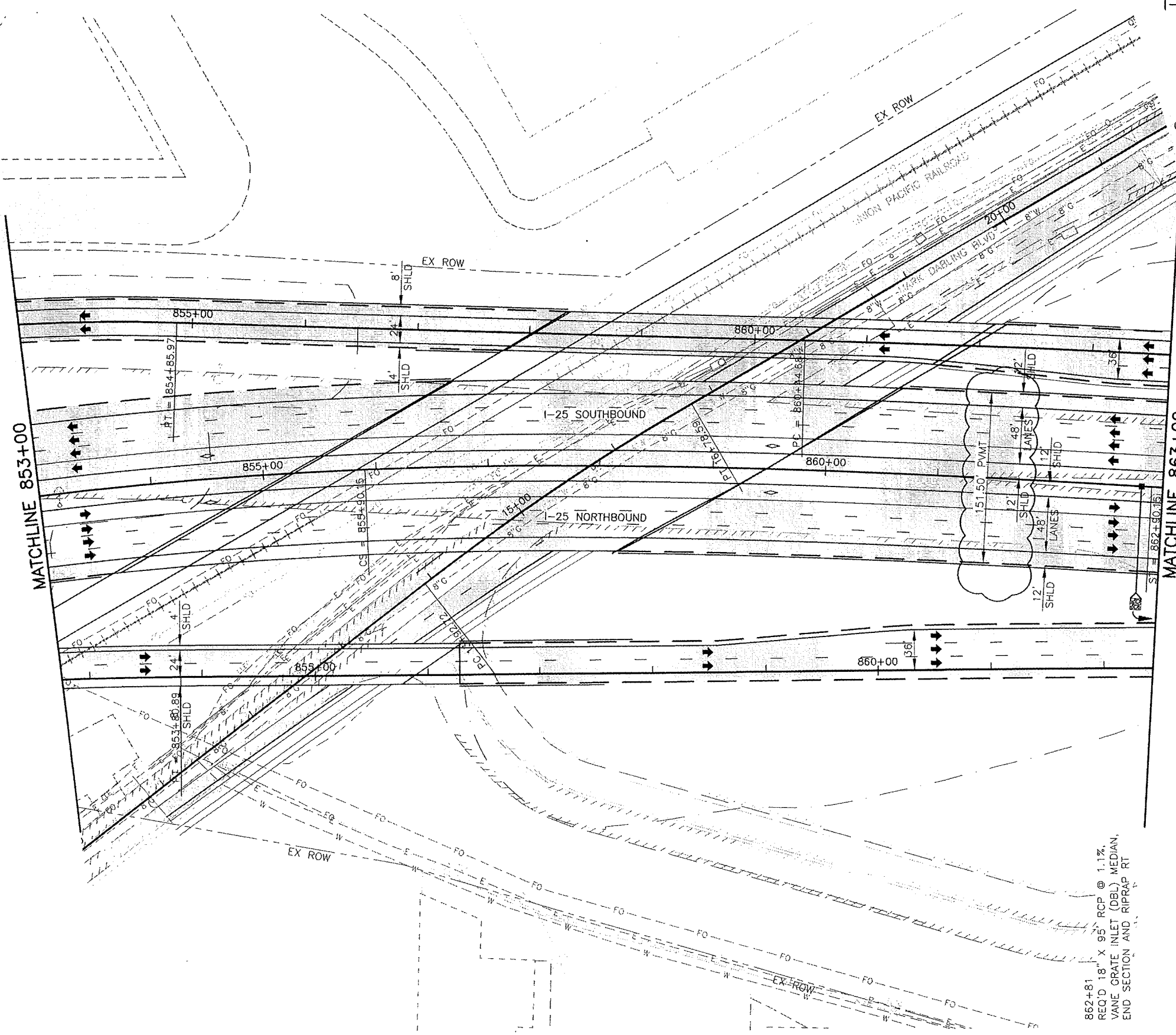
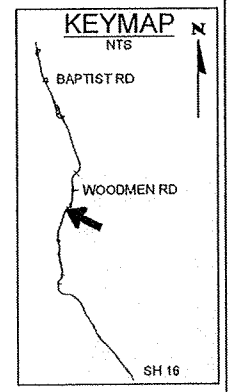
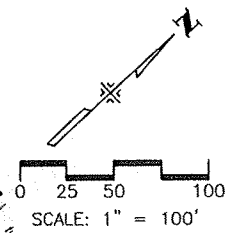
852+55
REQ'D 18" X 90" RCP @ 1.1%
VANE GRATE INLET (DBL) MEDIAN
END SECTION AND RIPRAP RT

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 842+50 to 853+00		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB Sheet Subset: ROADWAY		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210	
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Drawing File Name:	RDPL46-55.DWG									Subset Sheet: 49 of 113	
Acad Ver. 2000	Scale: As Shown	Units: English								Sheet Number	

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I-25 EA CONCEPTUAL DESIGN



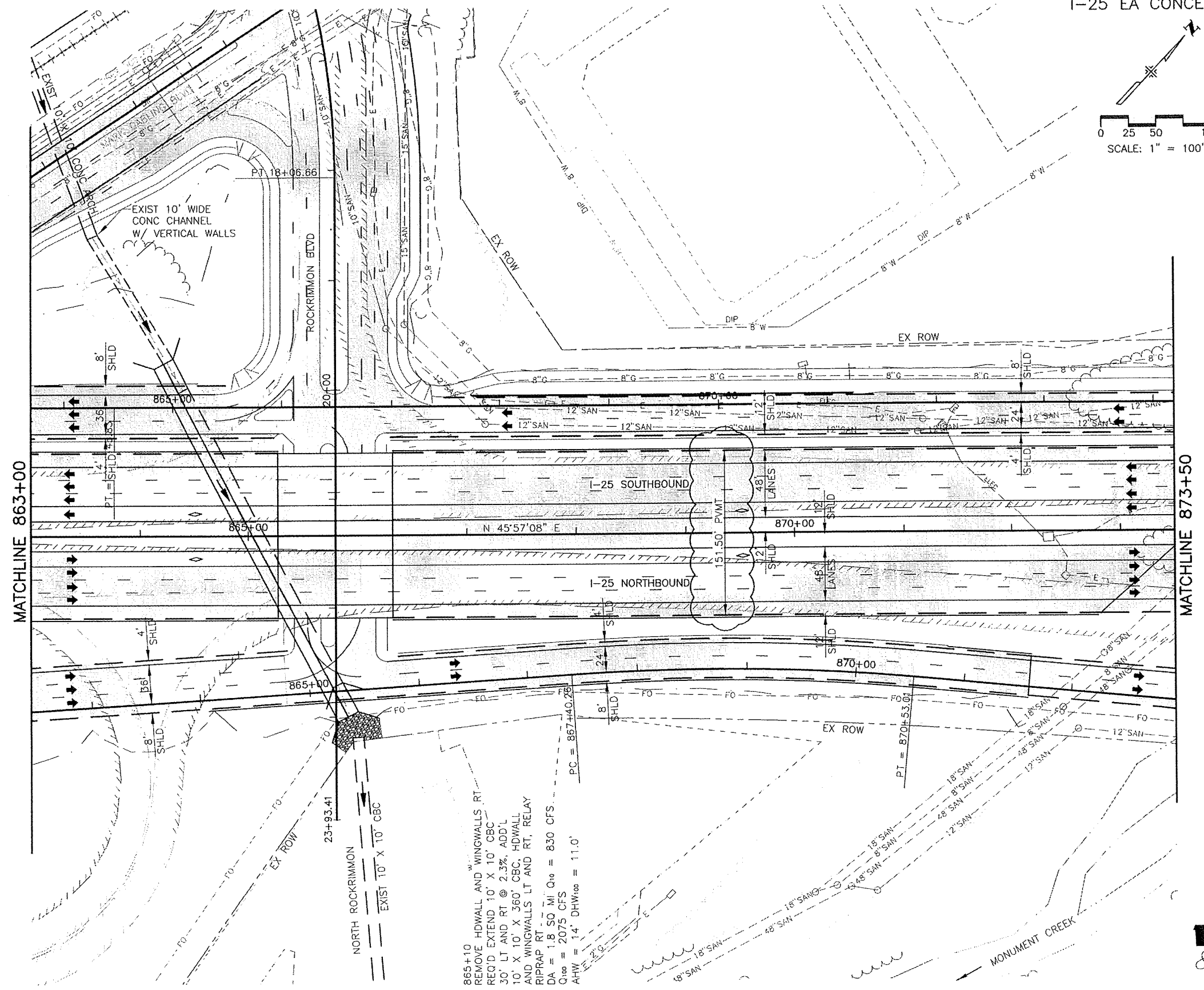
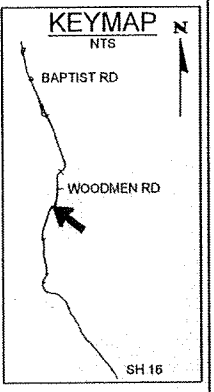
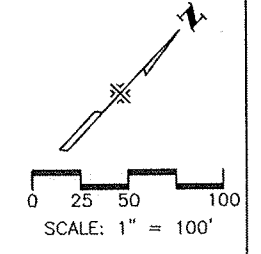
862+81
REQ'D 18" X 95" RCP @ 1.1%,
VANE GRATE INLET (DBL) MEDIAN,
END SECTION AND RIPRAP RT

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 853+00 to 863+00		Project No./Code			
Creation Date:	11/6/01	Initials:	MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:			C 0252-316			
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:			12210			
Full Path:	P:\983100913\ACAD\SHEETS			(R-)			Void:	Designer:	MAB				
Drawing File Name:	RDPL46-55.DWG			(R-)				Detailer:	MAB				
Acad Ver.	2000	Scale:	As Shown	Units:	English				Sheet Subset:	ROADWAY	Subset Sheet:	50 of 113	Sheet Number

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I-25 EA CONCEPTUAL DESIGN



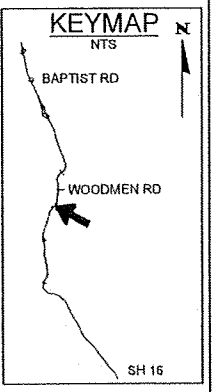
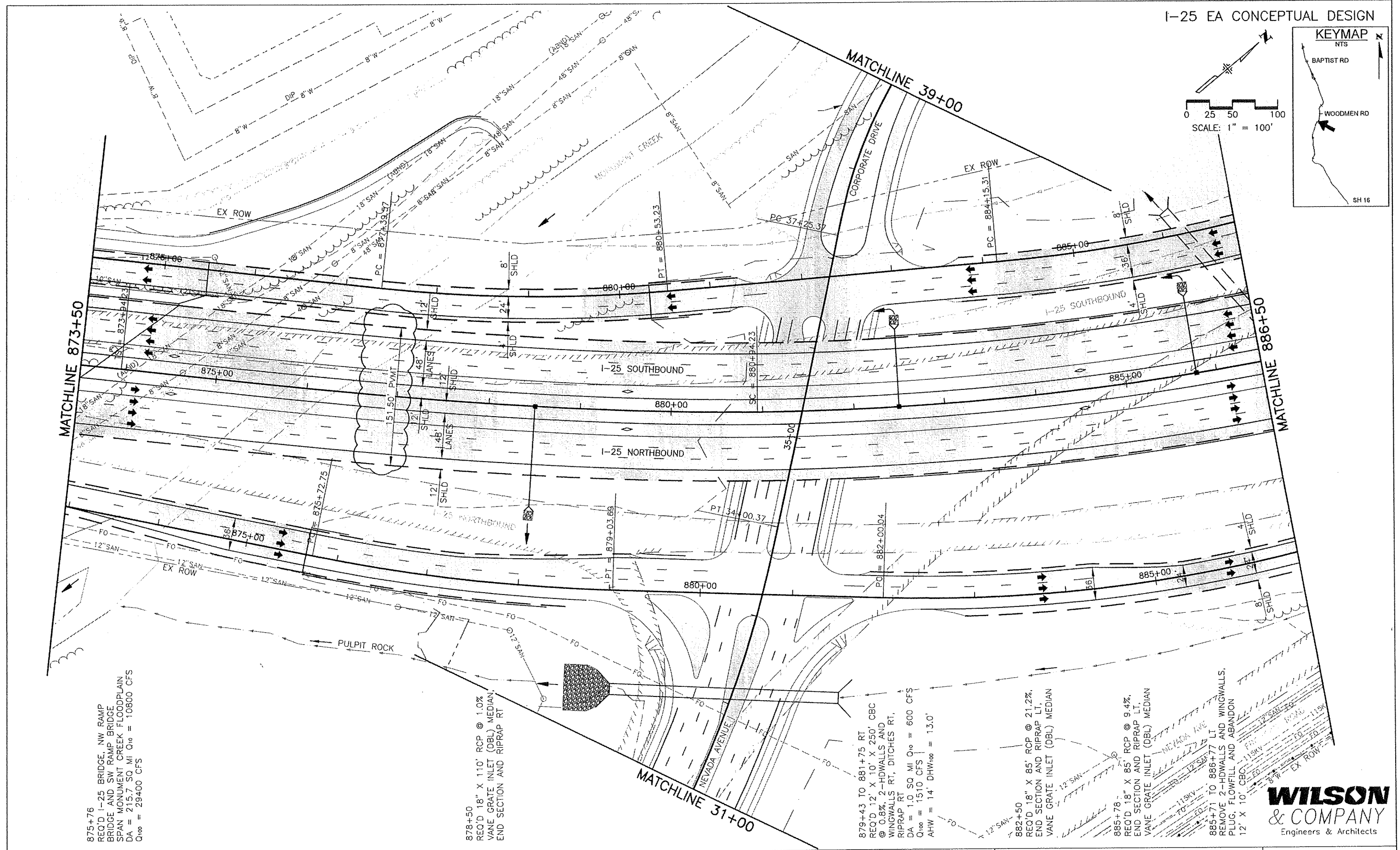
865+10 REMOVE HDWALL AND WINGWALLS, RT. REQ'D EXTEND 10' X 10' CBC, 30' LT AND RT @ 2.3%, ADD 'L 10' X 10' X 360' CBC, HDWALL AND WINGWALLS LT AND RT, RELAY RIPRAP RT. MI Q10 = 830 CFS. DA = 1.8 SQ MI Q10 = 830 CFS. Q100 = 2075 CFS. AHW = 14' DHW100 = 11.0'

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 863+00 to 873+50		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210	
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Drawing File Name:	RDPL46-55.DWG									Sheet Number	
Acad Ver.	2000	Scale:	As Shown								

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I-25 EA CONCEPTUAL DESIGN



Computer File Information	
Creation Date:	11/7/01
Last Modification Date:	01/28/03
Full Path:	P:\9831009\ACAD\SHEETS
Drawing File Name:	RDPL46-55.DWG
Acad Ver.	2000
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Units:	English

Sheet Revisions	
(R-)	
(R-)	
(R-)	
(R-)	

Colorado Department of Transportation



1480 Quail Lake Loop - Suite A
Colorado Springs, Colorado 80906
Phone: (719) 634-2323 Fax: (719) 227-3298

Region 2 JFF

As Constructed	
No Revisions:	
Revised:	
Void:	

I-25 Roadway Plan 873+50 to 886+50	
Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	52 of 113

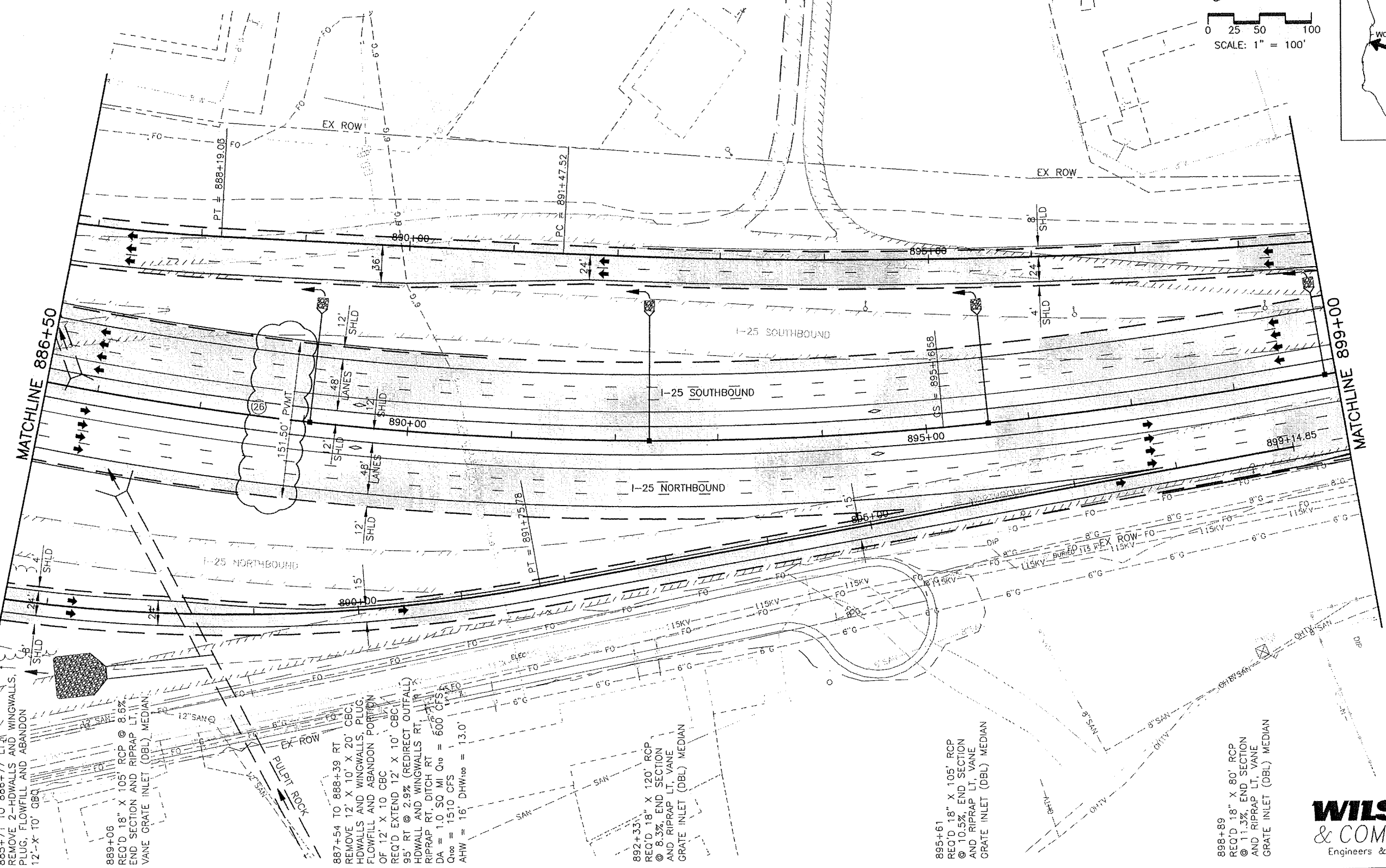
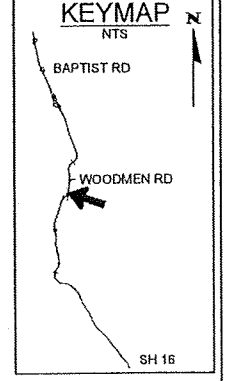
Project No./Code	
C 0252-316	
12210	
Sheet Number	

WILSON & COMPANY
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I-25 EA CONCEPTUAL DESIGN

CURVE DATA															
CURVE NO.	Δ_s	T_s	E_s	ϕ_s	L_s	L_t	S_t	A_c	D_c	T_c	L_c	R_c	e	MDS	SSD
26	39°13'35"	1456.84'	197.92'	06°28'08"	700.00'	466.98'	233.62'	26°17'18"	01°50'54"	723.90'	1422.32'	3099.95'	0.055	70	



Computer File Information		
Creation Date:	11/7/01	Initials: MAK
Last Modification Date:	01/28/03	Initials: MAB
Full Path:	P:\983100913\ACAD\SHEETS	
Drawing File Name:	RDPL46-55.DWG	
Acad Ver.	2000	Scale: As Shown Units: English

Sheet Revisions		
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(R)		
(R)		

Colorado Department of Transportation

1480 Quail Lake Loop - Suite A
Colorado Springs, Colorado 80906
Phone: (719) 634-2323 Fax: (719) 227-3298

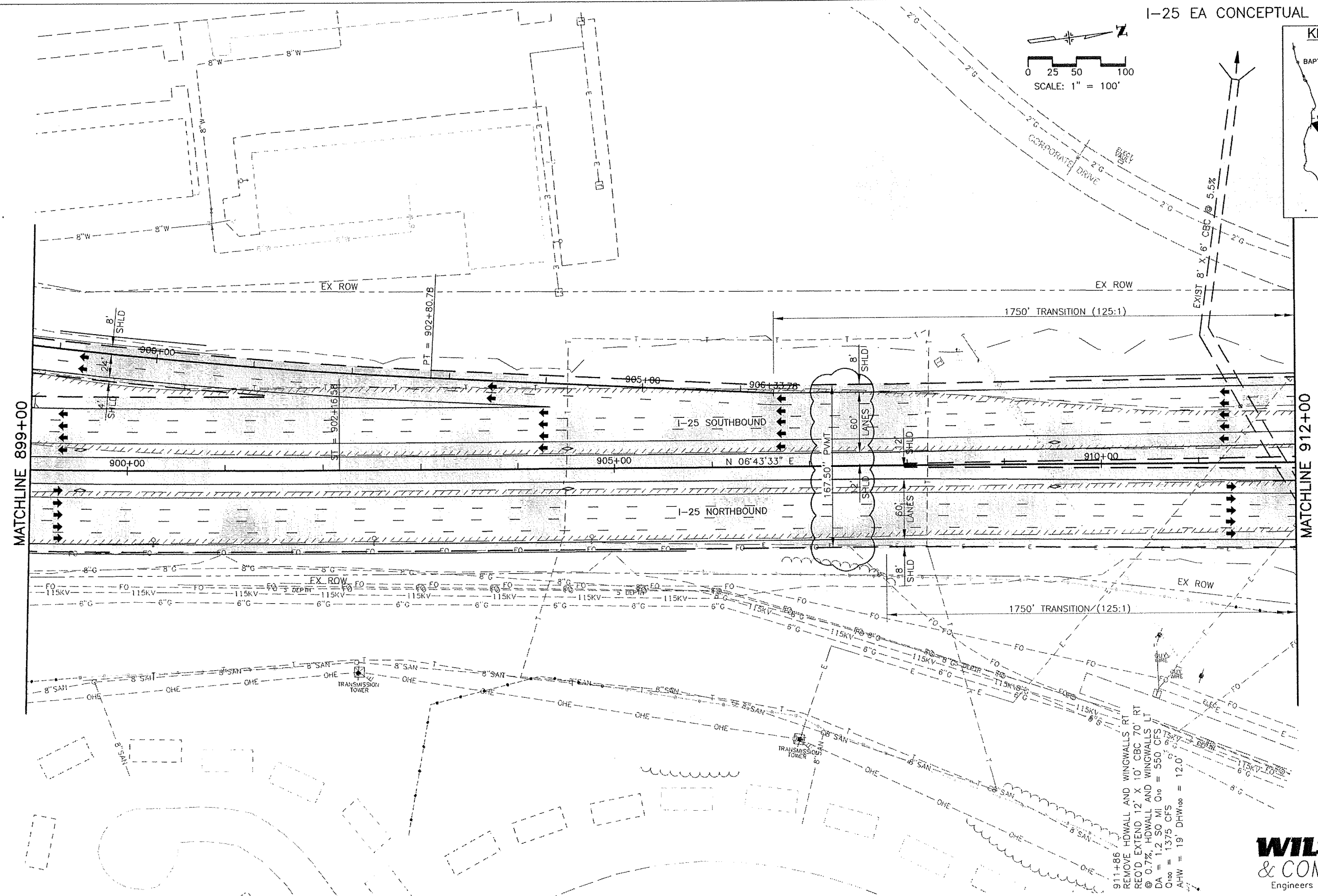
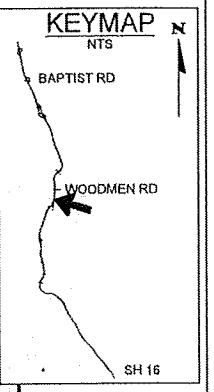
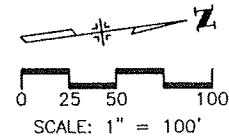
Region 2 JFF

As Constructed	
No Revisions:	
Revised:	
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I-25 Roadway Plan 886+50 to 899+00		
Designer:	MAB	
Detailer:	MAB	
Sheet Subset: ROADWAY	Subset Sheet: 53	of 113

Project No./Code	
C 0252-316	
12210	
Sheet Number	

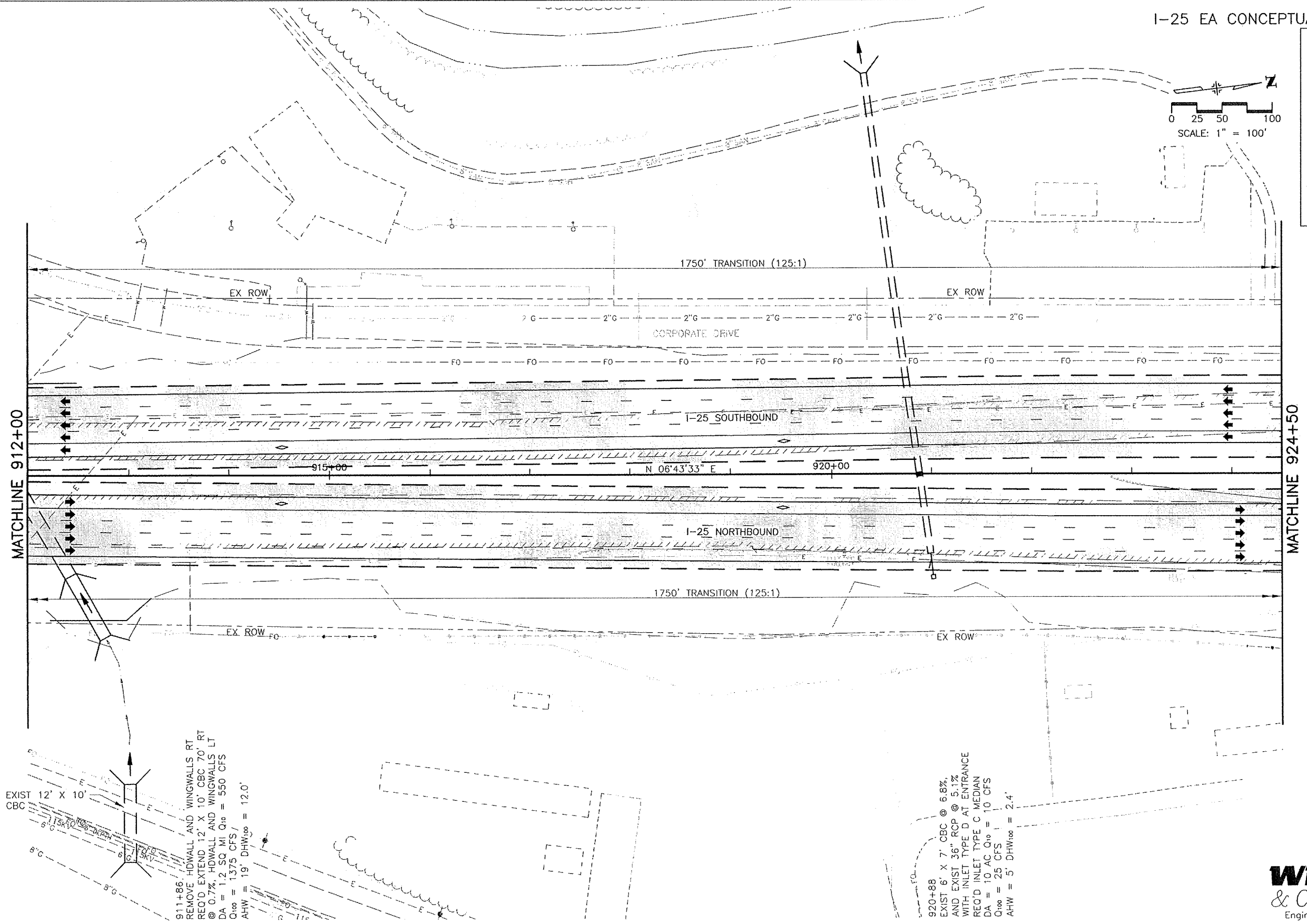
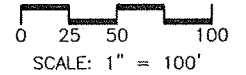
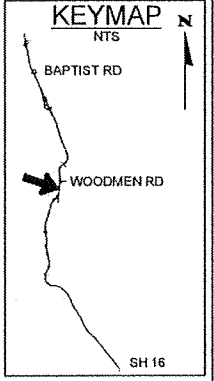




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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 899+00 to 912+00		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK			No Revisions:		Designer:		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:		Detailer:		12210	
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Drawing File Name:	RDPL46-55.DWG					Region 2		JFF		Sheet Number	
Acad Ver.	2000	Scale:	As Shown	Units:	English						






911+86. REMOVE HDWALL AND WINGWALLS RT
 REQ'D EXTEND 12' X 10' CBC 70' RT
 @ 0.7% HDWALL AND WINGWALLS LT
 DA = 1.2 SQ MI Q₁₀ = 550 CFS
 Q₁₀₀ = 1375 CFS
 AHW = 19' DHW₁₀₀ = 12.0'

920+88
 EXIST 6' X 7' CBC @ 6.8%
 AND EXIST 36" RCP @ 5.1%
 WITH INLET TYPE D AT ENTRANCE
 REQ'D INLET TYPE C MEDIAN
 DA = 10 AC Q₁₀ = 10 CFS
 Q₁₀₀ = 25 CFS
 AHW = 5' DHW₁₀₀ = 2.4'

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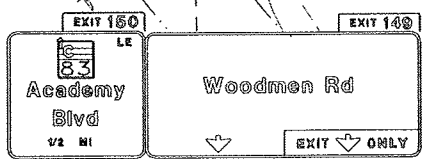
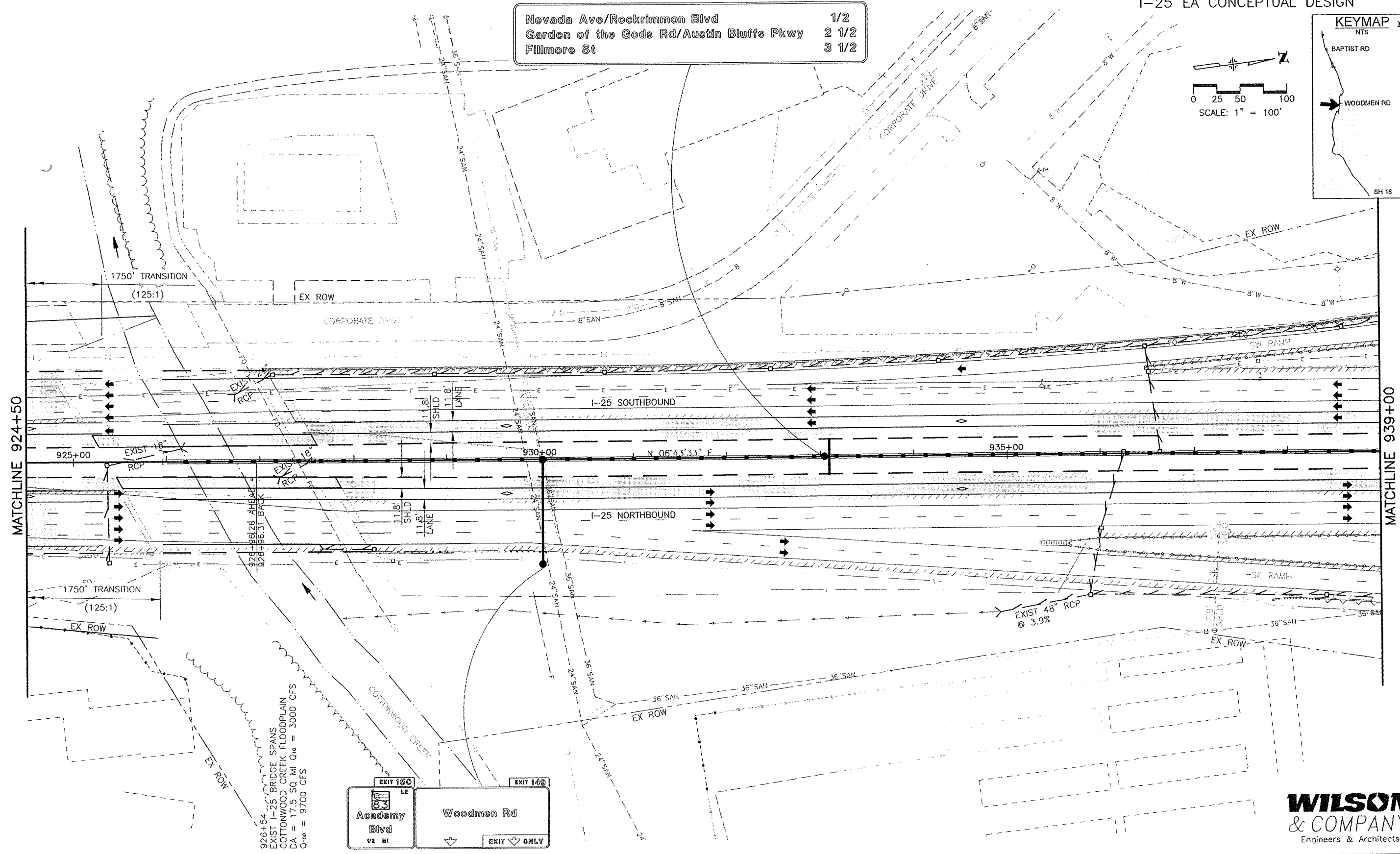
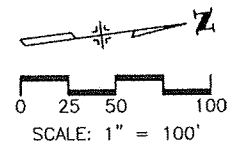
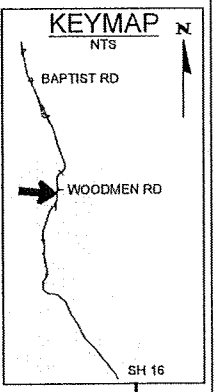
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 912+00 to 924+50		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK			 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:		C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB				Revised:		12210		
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Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF			

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I-25 EA CONCEPTUAL DESIGN

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 Garden of the Gods Rd/Austin Bluffs Pkwy 2 1/2
 Fillmore St 3 1/2

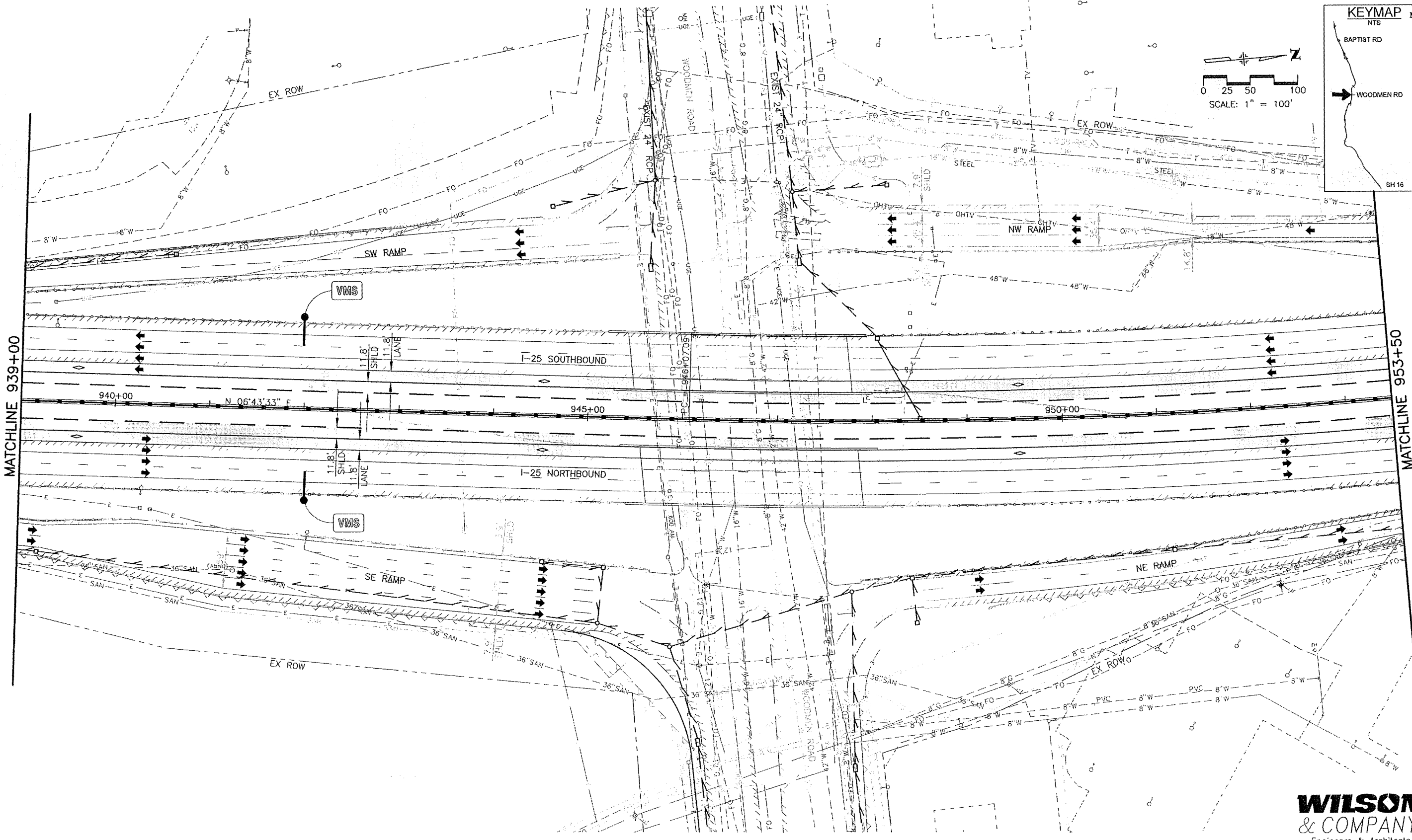
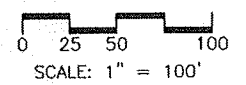
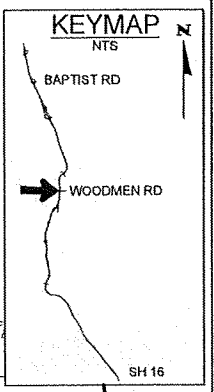


926+54
 EXIST I-25 BRIDGE SPANS
 COTTONWOOD CREEK FLOODPLAIN
 DA = 17.5 SQ. MI Q₁₀₀ = 3000 CFS
 Q₁₀₀₀ = 9700 CFS

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 924+50 to 939+00		Project No./Code		
Creation Date:	11/6/01	Initials:	MAK			 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		Designer:	MAB	C 0252-316	
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Acod Ver.	2000	Scale:	As Shown	Units:	English							

I-25 EA CONCEPTUAL DESIGN



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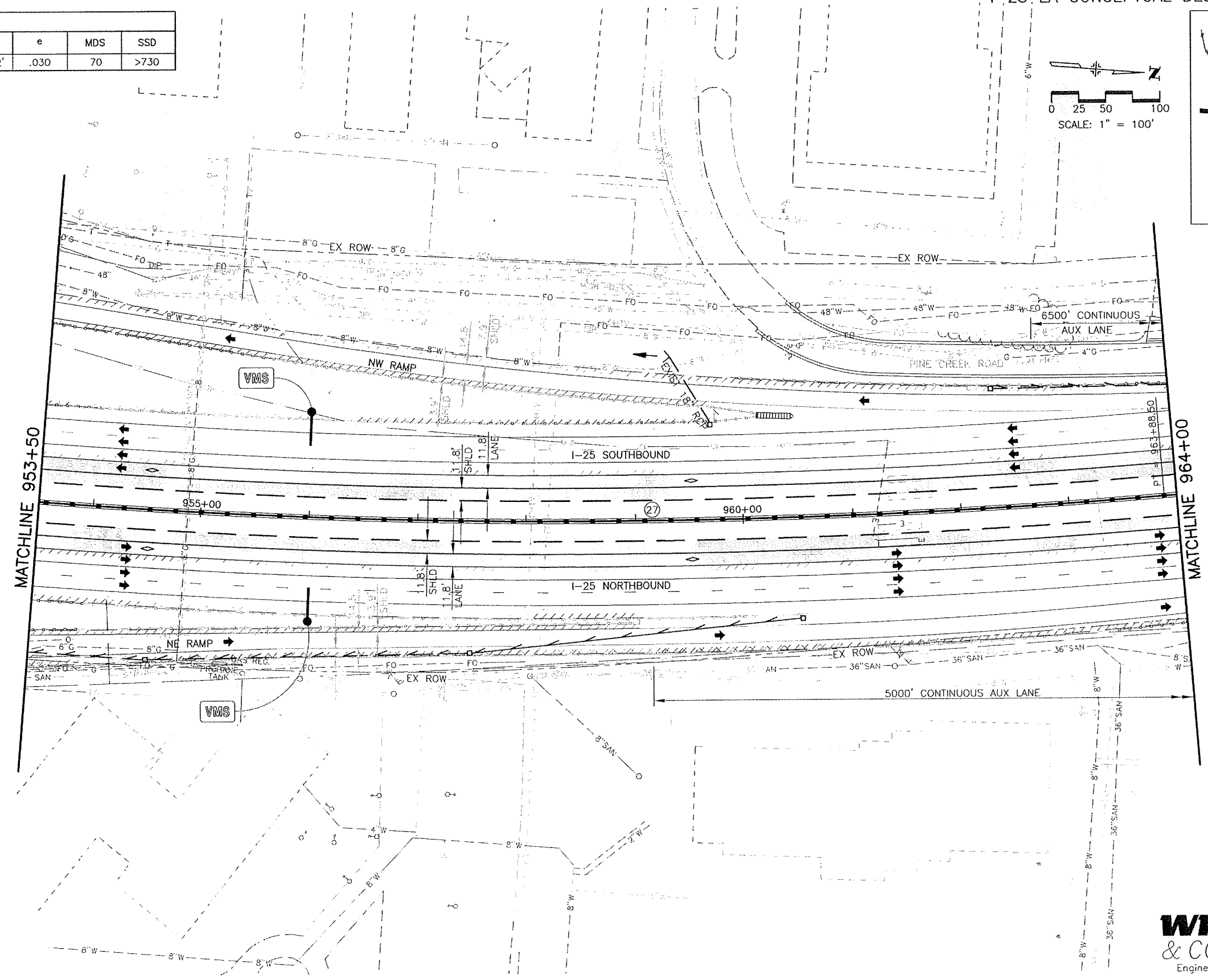
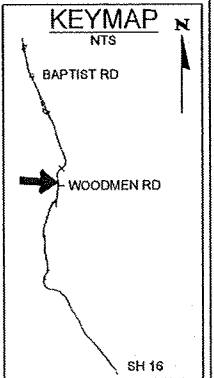
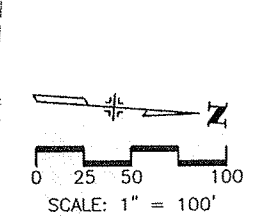
WILSON & COMPANY
Engineers & Architects

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 939+00 to 953+50		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:			C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:			12210	
Full Path:	P:\983100913\ACAD\SHEETS	(R-)		(R-)			Void:			Sheet Number	
Drawing File Name:	RDPL56-65.DWG	(R-)		(R-)			Designer: MAB Detailer: MAB		Sheet Subset: ROADWAY Subset Sheet: 57 of 113		
Acad Ver.	2000	Scale:	As Shown	Units:	English						


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I-25 EA CONCEPTUAL DESIGN

CURVE DATA										
CURVE NO.	Δ_c	D_c	R_c	L_c	T_c	e	MDS	SSD		
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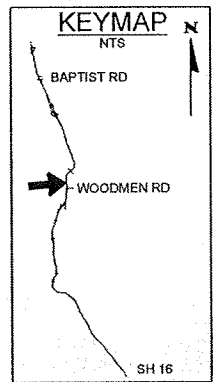
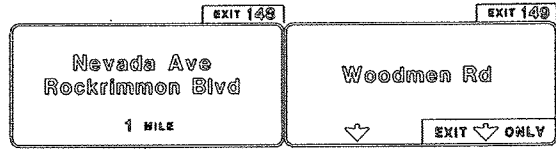
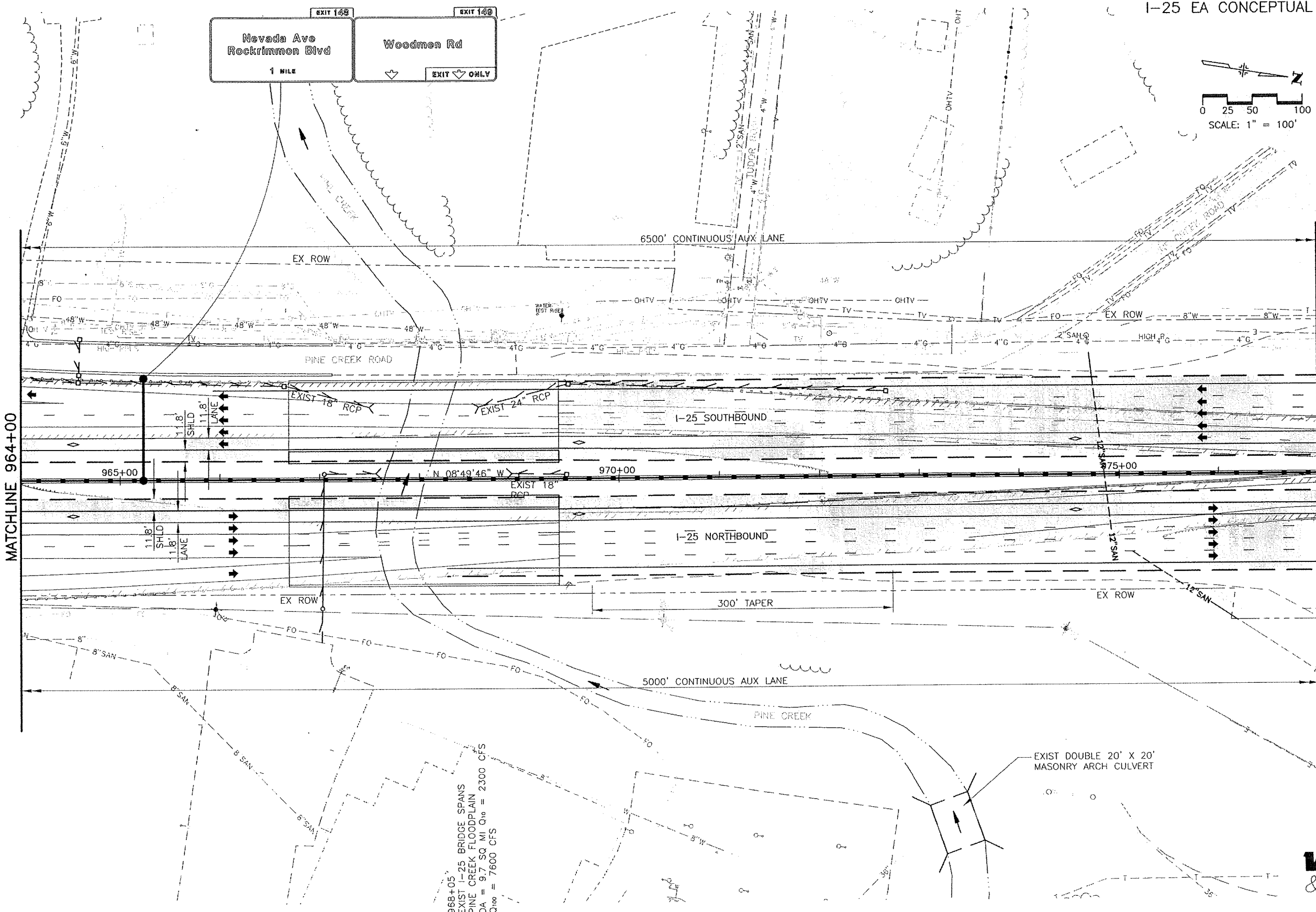


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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 953+50 to 964+00		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 58 of 113		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210	
Full Path:	P:\983100913\ACAD\SHEETS					Void:				Sheet Number	
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I-25 EA CONCEPTUAL DESIGN




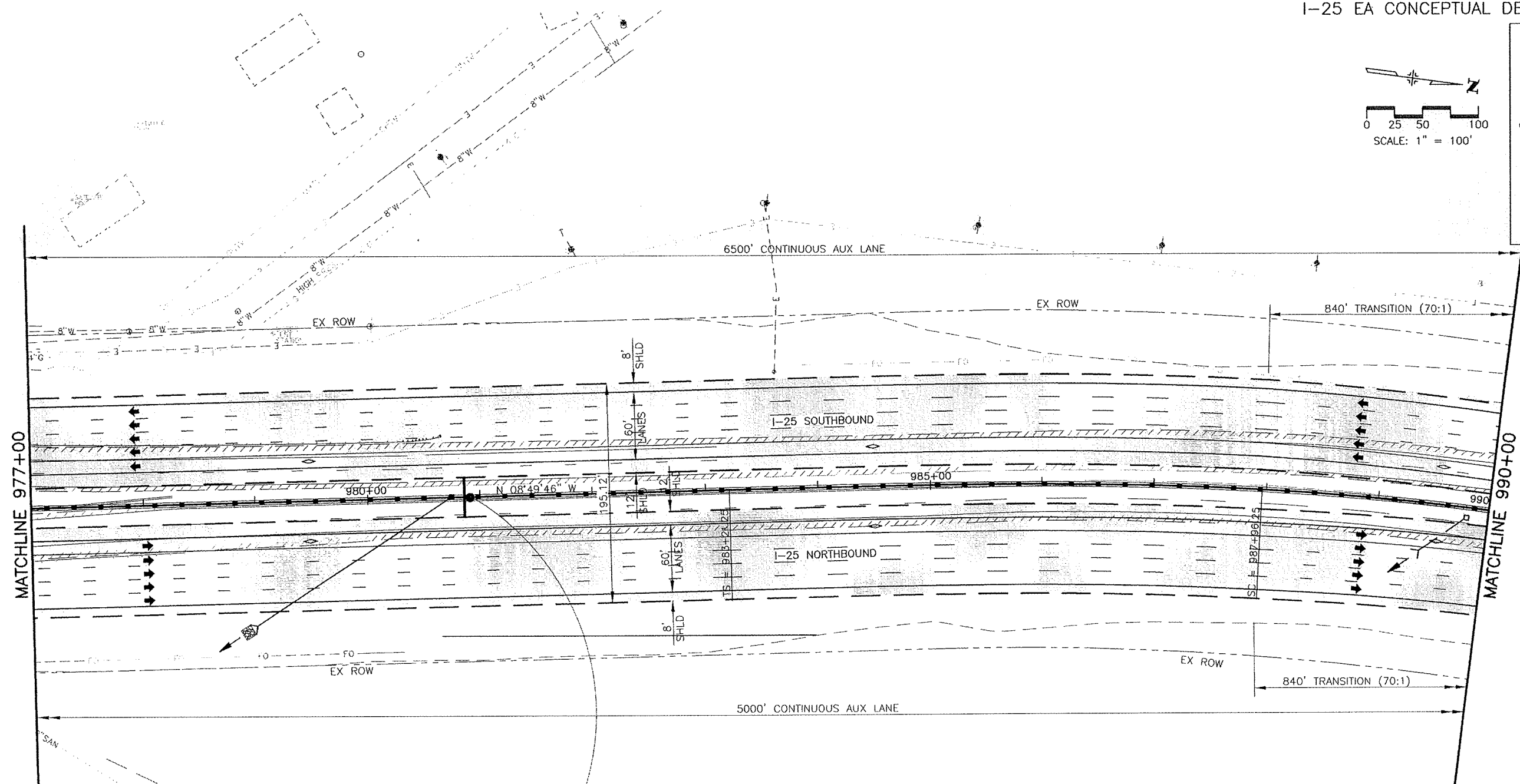
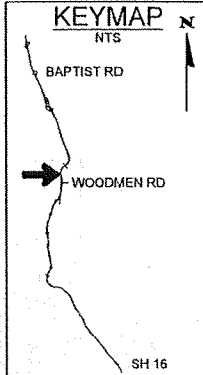
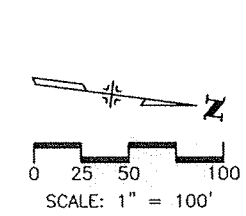
MATCHLINE 964+00

MATCHLINE 977+00

968+05
EXIST I-25 BRIDGE SPANS
PINE CREEK FLOODPLAIN
DA = 9.7' SQ MI Q10 = 2300 CFS
Q100 = 7600 CFS

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 964+00 to 977+00		Project No./Code		
Creation Date:	11/6/01	Initials:	MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:	Designer: MAB		C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:	Detailer: MAB		12210		
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Drawing File Name:	RDPL56-65.DWG	(R-)		(R-)							Sheet Number	
Acad Ver.	2000	Scale:	As Shown	Units:	English							




Academy Blvd/St Hwy 83	1/2
Briargate Pkwy	2
Interquest Pkwy	3 1/2

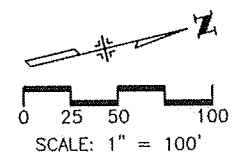
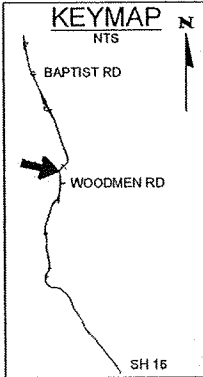
980+75
 REQ'D 18" X 210' RCP
 @ 0.5% INLET TYPE C
 MEDIAN END SECTION
 AND RIPRAP RT

989+80
 REMOVE 24" X 55' RCP
 INLET

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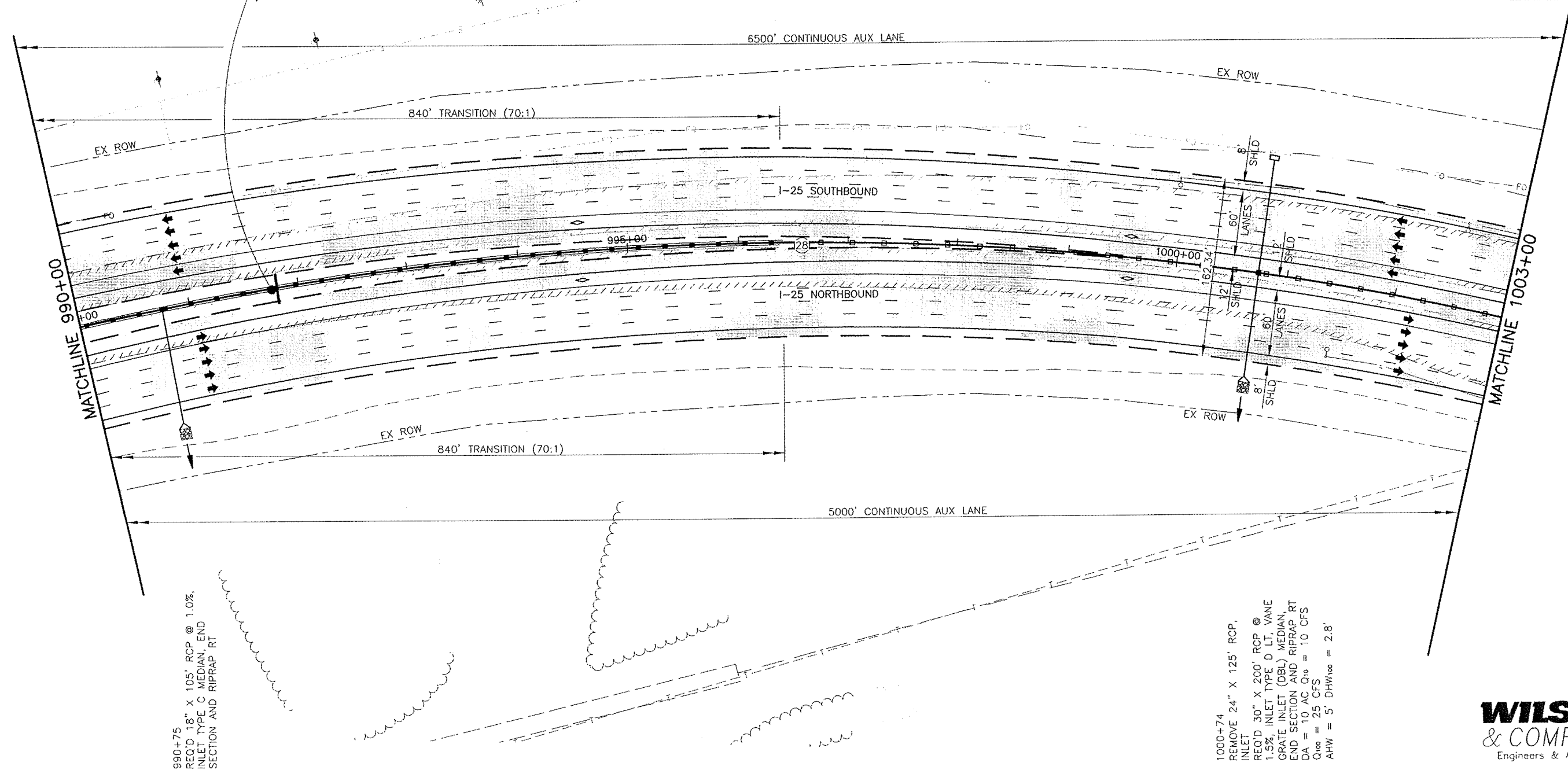
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 977+00 to 990+00		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210	
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Drawing File Name:	RDPL56-65.DWG									Sheet Number	
Acad Ver.	2000	Scale:	As Shown	Units:	English						



CURVE DATA															
CURVE NO.	Δ_s	T_s	E_s	θ_s	L_s	L_t	S_t	Δ_c	D_c	T_c	L_c	R_c	e	MDS	SSD
28	61°03'51"	1929.15'	465.00'	04°44'59"	475.00'	316.78'	158.44'	51°33'53"	02°00'00"	1383.91'	2578.43'	2865.00'			


Woodmen Rd 1/2
 Nevada Ave/Rockrimmon Blvd 1 1/2
 Garden of the Gods Rd/Austin Bluffs Pkwy 3 1/2



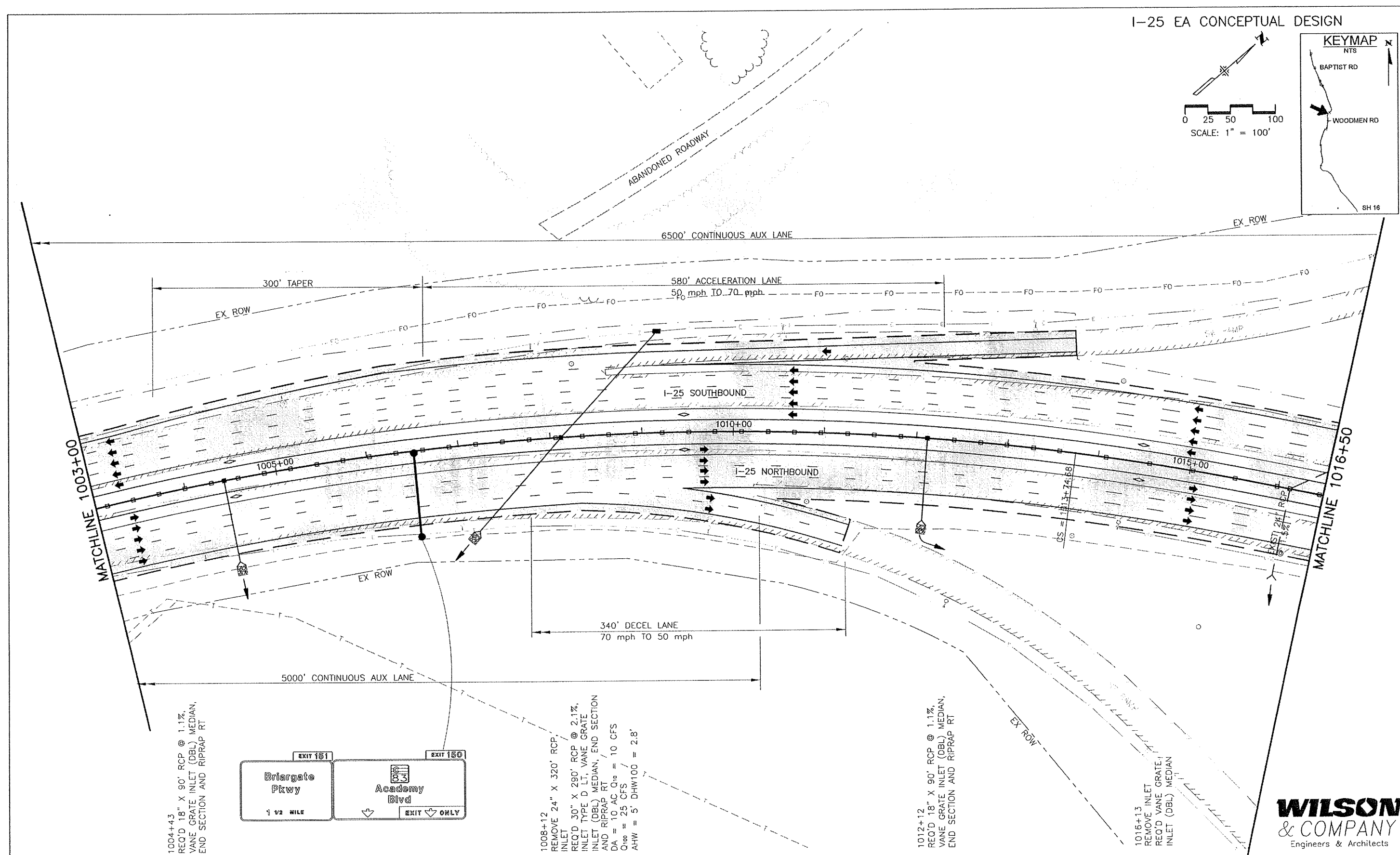
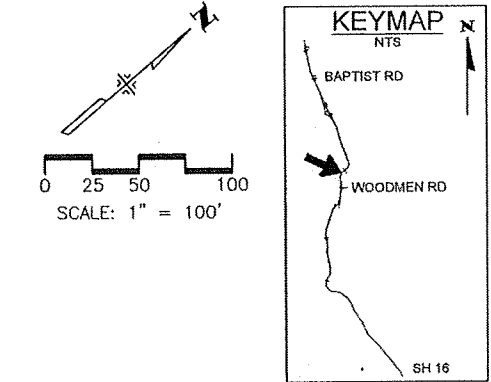
990+75
 REQ'D 18" X 105' RCP @ 1.0%,
 INLET TYPE C MEDIAN END
 SECTION AND RIPRAP RT

1000+74
 REMOVE 24" X 125' RCP,
 INLET
 REQ'D 30" X 200' RCP @
 1.5%, INLET TYPE D LT, VANE
 GRATE INLET (OBL) MEDIAN
 END SECTION AND RIPRAP RT
 DA = 10 AC @ 10 = 10 CFS
 Q₁₀₀ = 25 CFS
 AHW = 5' D_{HW100} = 2.8'



Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		990+00 to 1003+00		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:		Designer: MAB		12210	
Full Path:	P:\983100913\ACAD\SHEETS	Initials:	MAB			Void:		Detailer: MAB		Sheet Number	
Drawing File Name:	RDPL56-65.DWG	Initials:	MAB			Sheet Subset: ROADWAY		Subset Sheet: 61 of 113			
Acad Ver. 2000	Scale: As Shown	Units: English									

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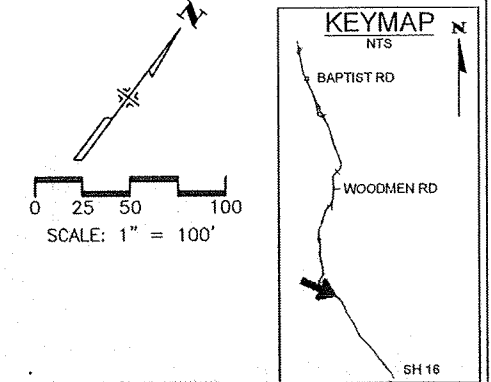


Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1003+00 to 1016+50		Project No./Code		
Creation Date:	11/7/01	Initials:	MAK	(R-)		1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:			C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:			12210		
Full Path:	P:\983100913\ACAD\SHEETS			(R-)			Void:			Sheet Number		
Drawing File Name:	RDPL56-65.DWG			(R-)			Designer:		MAB		Subset Sheet: 62 of 113	
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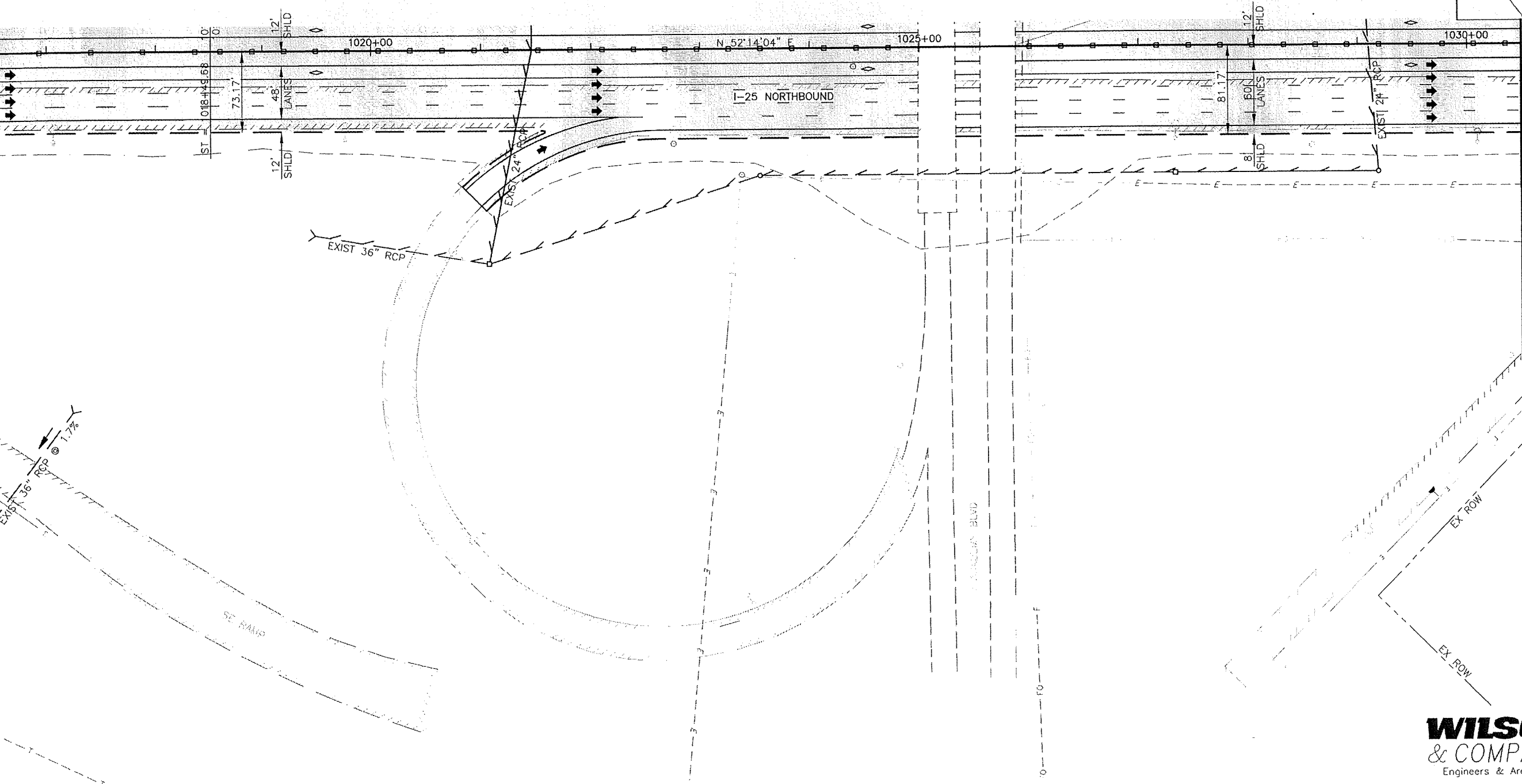
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I-25 EA CONCEPTUAL DESIGN




MATCHLINE 1016+50

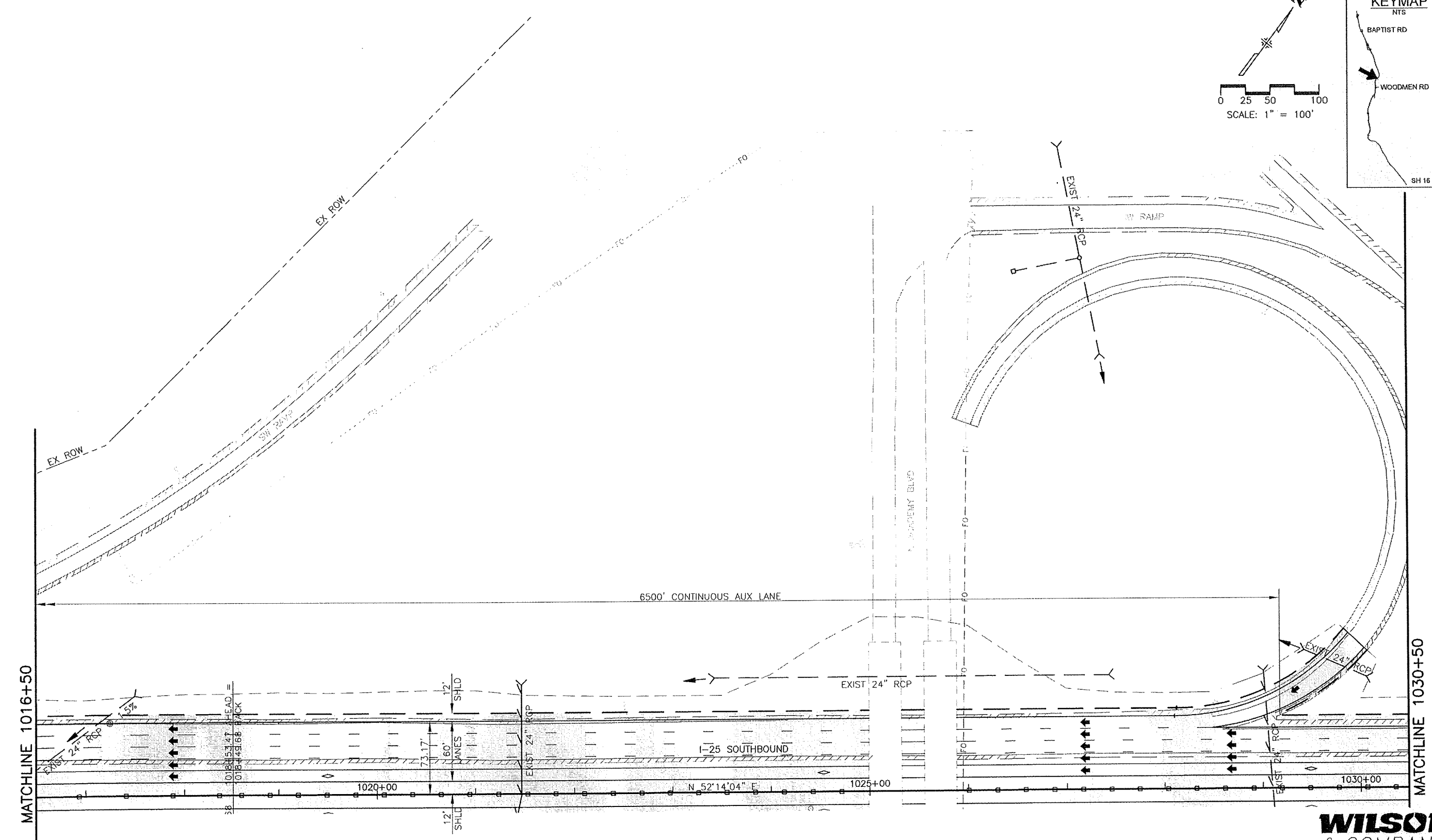
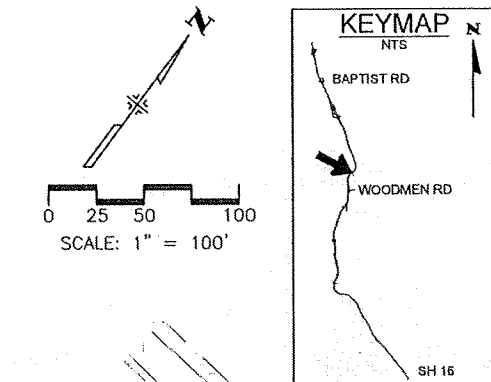


MATCHLINE 1030+50

WILSON & COMPANY
Engineers & Architects

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan NB 1016+50 to 1030+50		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK			 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:		C 0252-316		
Last Modification Date:	01/28/03	Initials:	MAB				Revised:		12210		
Full Path:	P:\983100913\ACAD\SHEETS						Void:		Sheet Number		
Drawing File Name:	RDPL56-65.DWG						Sheet Subset: ROADWAY		Subset Sheet: 63 of 113		
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF			

I-25 EA CONCEPTUAL DESIGN



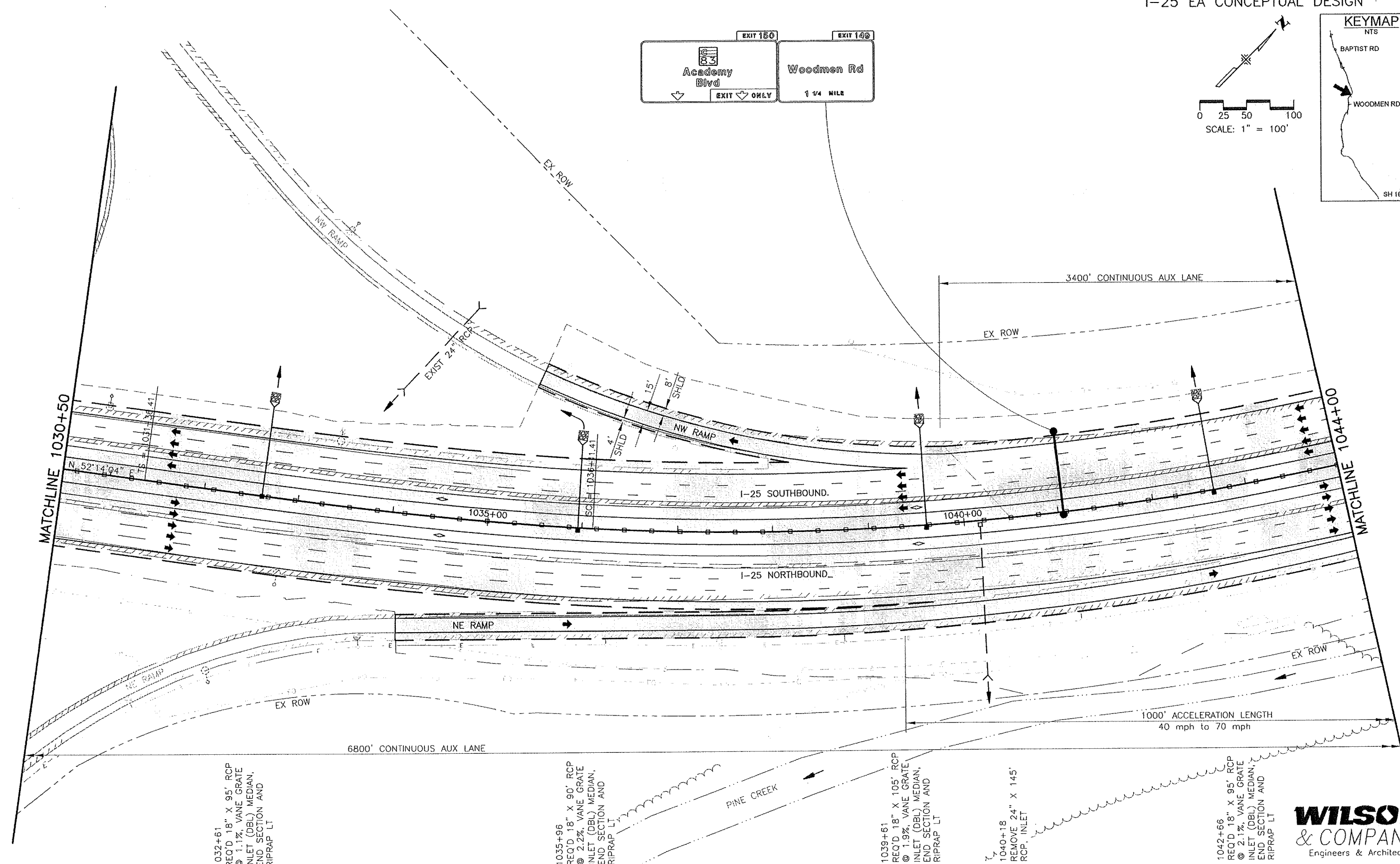
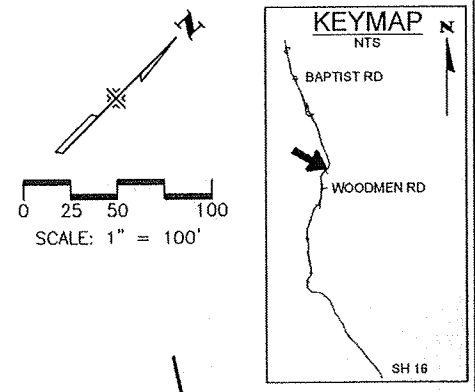
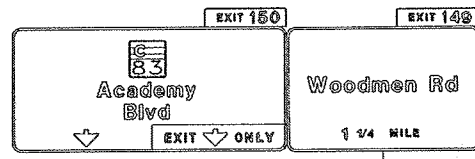
WILSON & COMPANY
Engineers & Architects

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK			No Revisions:		SB 1016+00 to 1030+50		C 0252-316	
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Drawing File Name:	RDPL56-65.DWG							Sheet Subset: ROADWAY		Subset Sheet: 64 of 113	
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region 2		JFF			

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P:\9831000\ACAD\SHEETS\N\1030-65.dwg, PLAN 65, 10/00/2003 04:11:16 PM

I-25 EA CONCEPTUAL DESIGN



1032+61
REQ'D 18" X 95' RCP
@ 1.1%, VANE GRATE
INLET (DBL) MEDIAN,
END SECTION AND
RIPRAP LT

1035+96
REQ'D 18" X 90' RCP
@ 2.2%, VANE GRATE
INLET (DBL) MEDIAN,
END SECTION AND
RIPRAP LT

1039+61
REQ'D 18" X 105' RCP
@ 1.9%, VANE GRATE
INLET (DBL) MEDIAN,
END SECTION AND
RIPRAP LT

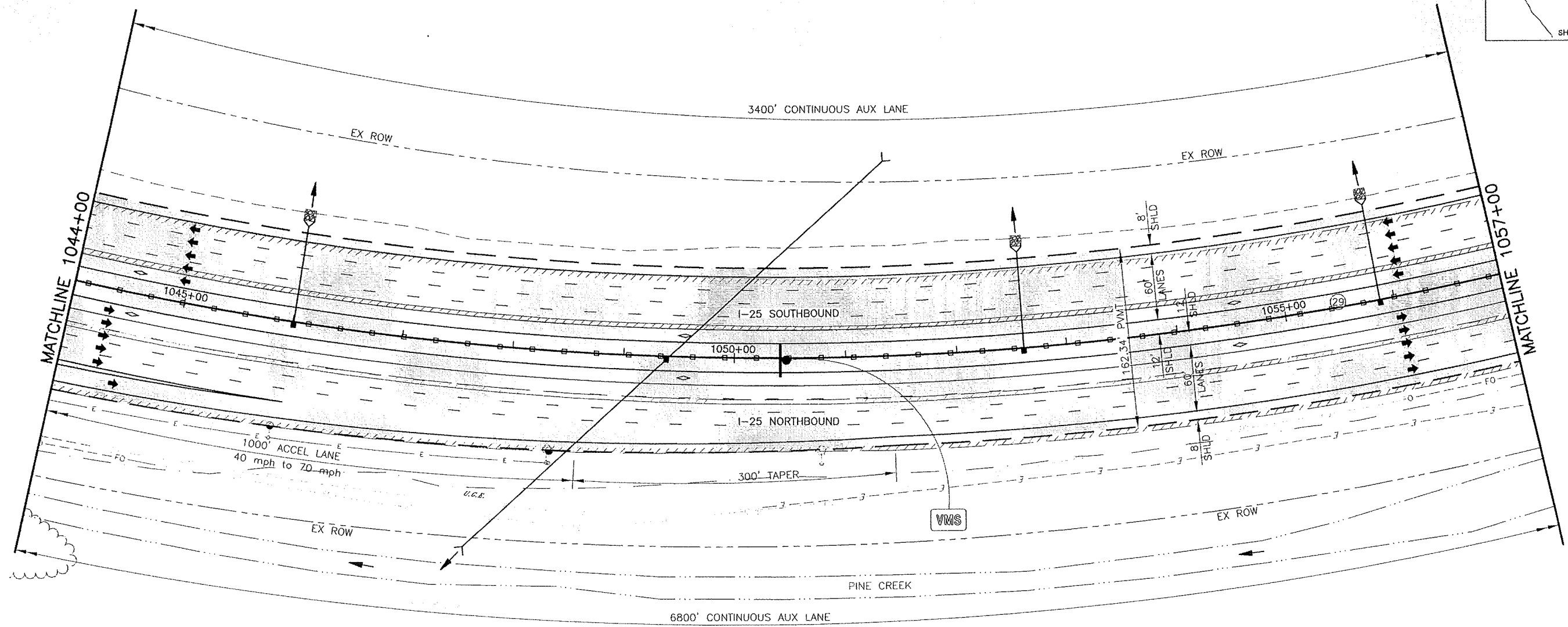
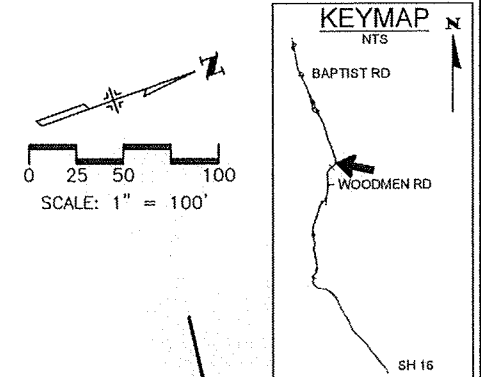
1040+18
REMOVE 24" X 145'
RCP, INLET

1042+66
REQ'D 18" X 95' RCP
@ 2.1%, VANE GRATE
INLET (DBL) MEDIAN,
END SECTION AND
RIPRAP LT

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK	1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		1030+50 to 1044+00		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:		Designer: MAB		12210	
Full Path:	P:\983100913\ACAD\SHEETS					Void:		Detailer: MAB		Sheet Number	
Drawing File Name:	RDPL56-65.DWG					Sheet Subset: ROADWAY		Subset Sheet: 65 of 113			
Acad Ver. 2000	Scale: As Shown	Units: English									

CURVE DATA															
CURVE NO.	Δ_s	T_s	E_s	θ_s	L_s	L_t	S_t	Δ_c	D_c	T_c	L_c	R_c	e	MDS	SSD
29	73'49'02"	2292.47'	724.21'	02'28'57"	475	166.68'	83.35'	68'51'08"	01'59'10"	1977.34'	3466.90'	2885.00'	.056	70	>730



1046+02
REQ'D 18" X 90' RCP
@ 2.2% VANE GRATE INLET
(DBL) MEDIAN, END
SECTION AND RIPRAP LT

1049+37
REMOVE 48" X 520' RCP,
2 INLETS
REQ'D 60" X 520' RCP @
1.3% VANE GRATE INLET
(DBL) MEDIAN, END SECTIONS
LT AND RT
DA = 50 AC Q₁₀₀ = 50 CFS
Q₁₀₀ = 150 CFS
AHW = 7' DHW₁₀₀ = 6.0'

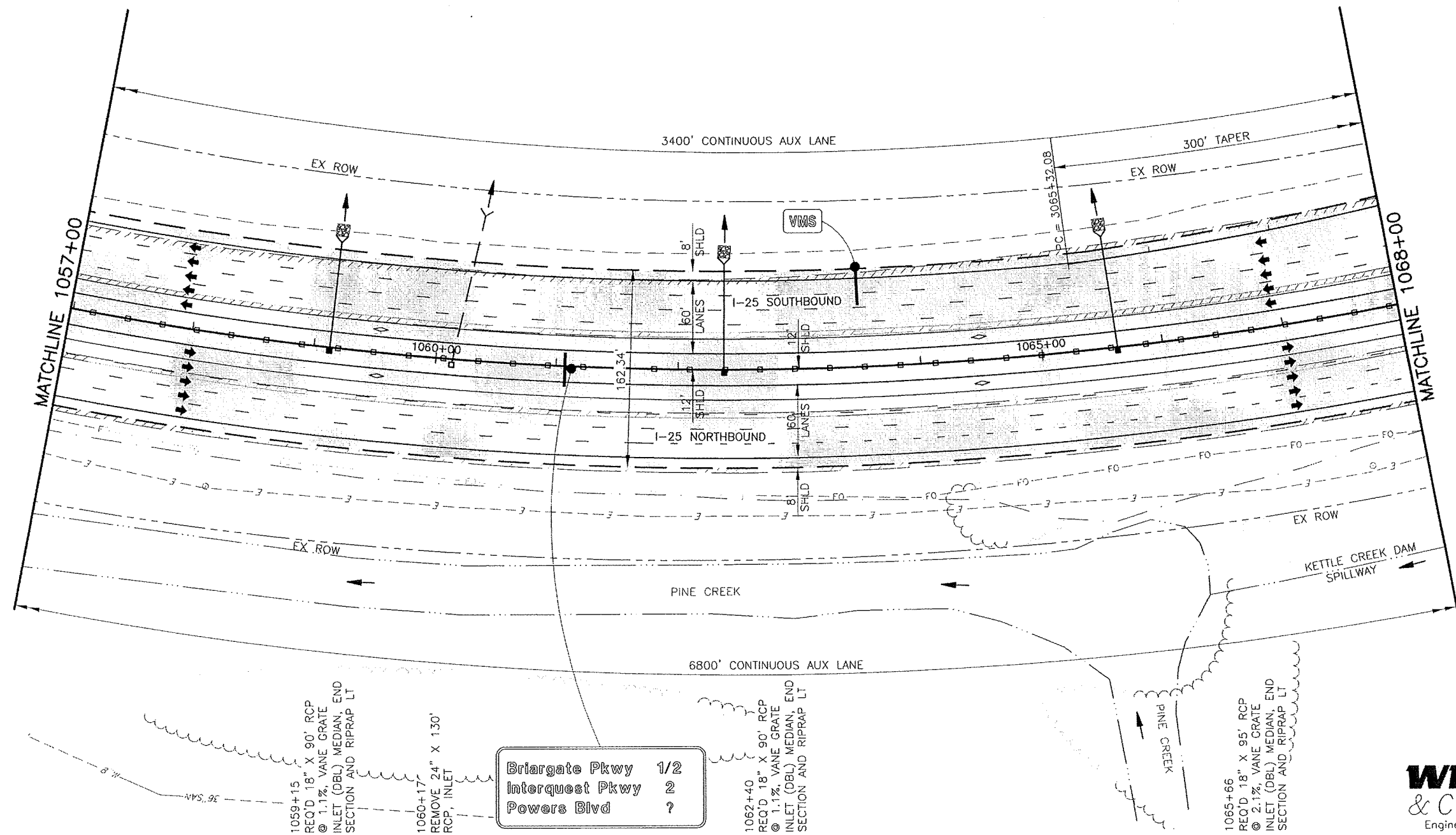
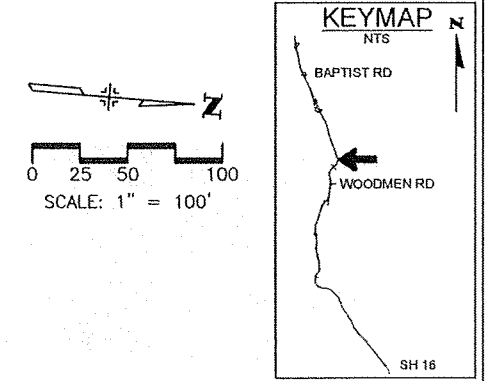
1052+63
REQ'D 18" X 90' RCP
@ 2.2% VANE GRATE INLET
(DBL) MEDIAN, END
SECTION AND RIPRAP LT

1055+89
REQ'D 18" X 90' RCP
@ 2.2% VANE GRATE INLET
(DBL) MEDIAN, END
SECTION AND RIPRAP LT



P:\98510000\ACAD\SHEETS\1044-75.dwg, PLAN 66, 10/09/2003 04:10:27 P, AcadVer


Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1044+00 to 1057+00		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK			1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:			C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB				Revised:			12210	
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Drawing File Name:	RDPL66-75.DWG						Sheet Subset: ROADWAY		Subset Sheet: 66 of 113		
Acad Ver.	2000	Scale:	As Shown	Units:	English						



Briargate Pkwy	1/2
Interquest Pkwy	2
Powers Blvd	?

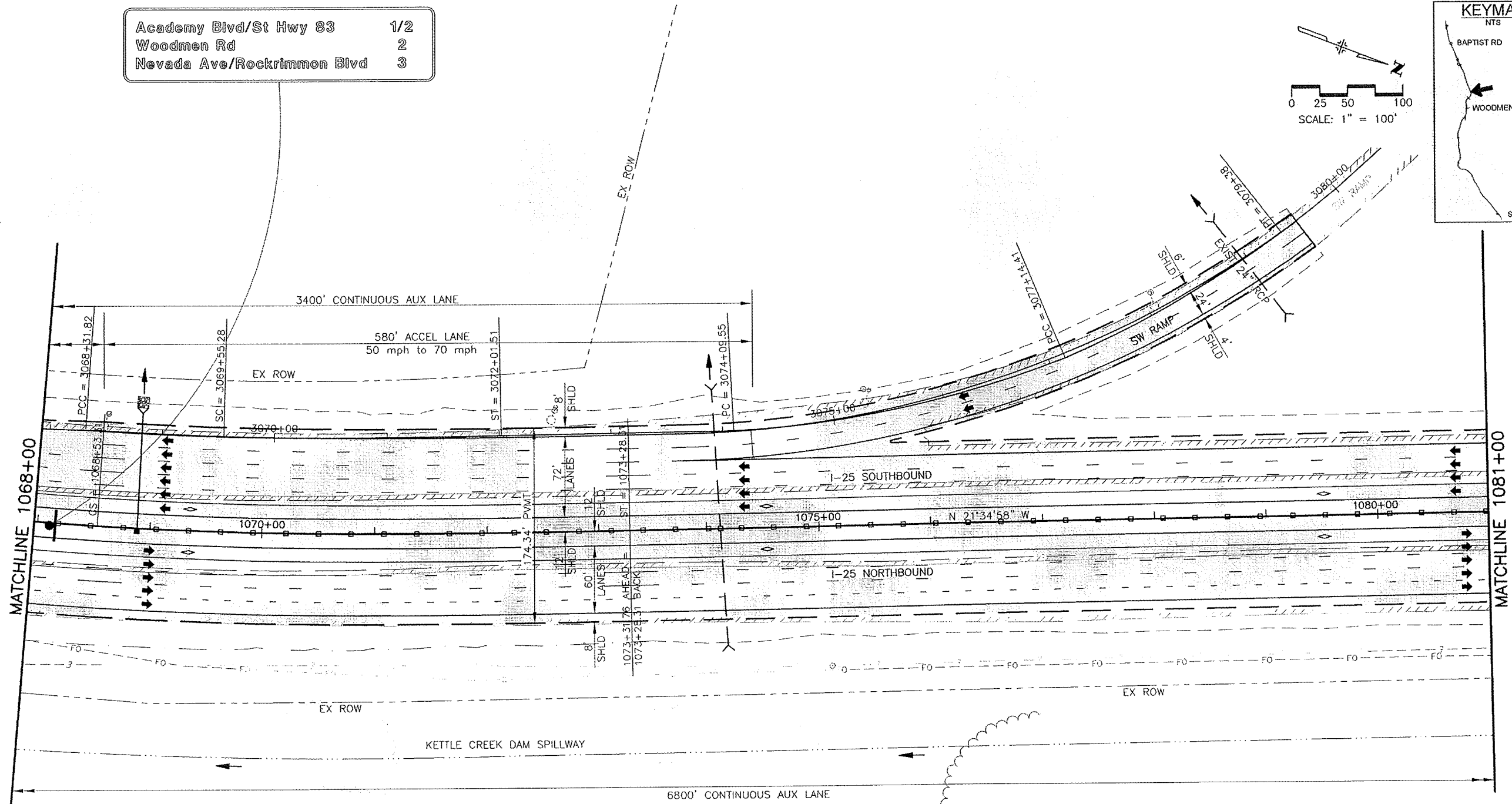
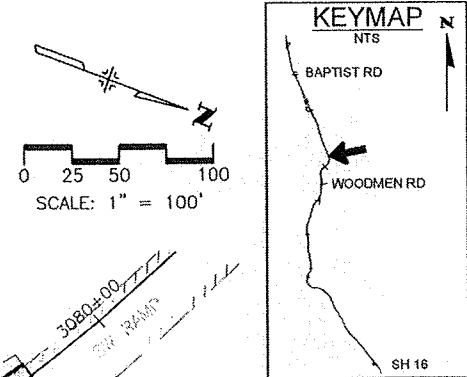
WILSON & COMPANY
Engineers & Architects

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1057+00 to 1068+00		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210	
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Drawing File Name:	RDPL66-75.DWG									Sheet Number	
Acad Ver.	2000	Scale:	As Shown	Units:	English						

I-25 EA CONCEPTUAL DESIGN


Academy Blvd/St Hwy 83	1/2
Woodmen Rd	2
Nevada Ave/Rockrimmon Blvd	3



1068+92
REQ'D 18" X 105" RCP
@ 1.9% VANE GRATE
INLET (DBL) MEDIAN, END
SECTION AND RIPRAP LT

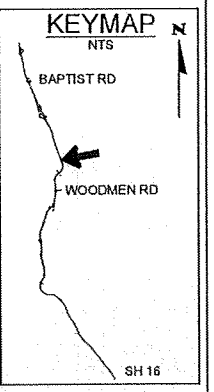
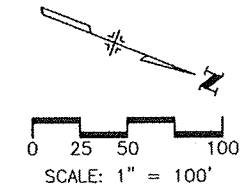
1074+12
REMOVE 24" X 225"
RCP, INLET

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1068+00 to 1081+00		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detoiler: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:				12210	
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Acad Ver.	2000	Scale:	As Shown			Units:	English				

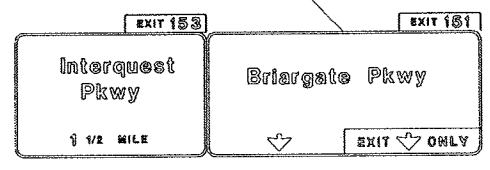
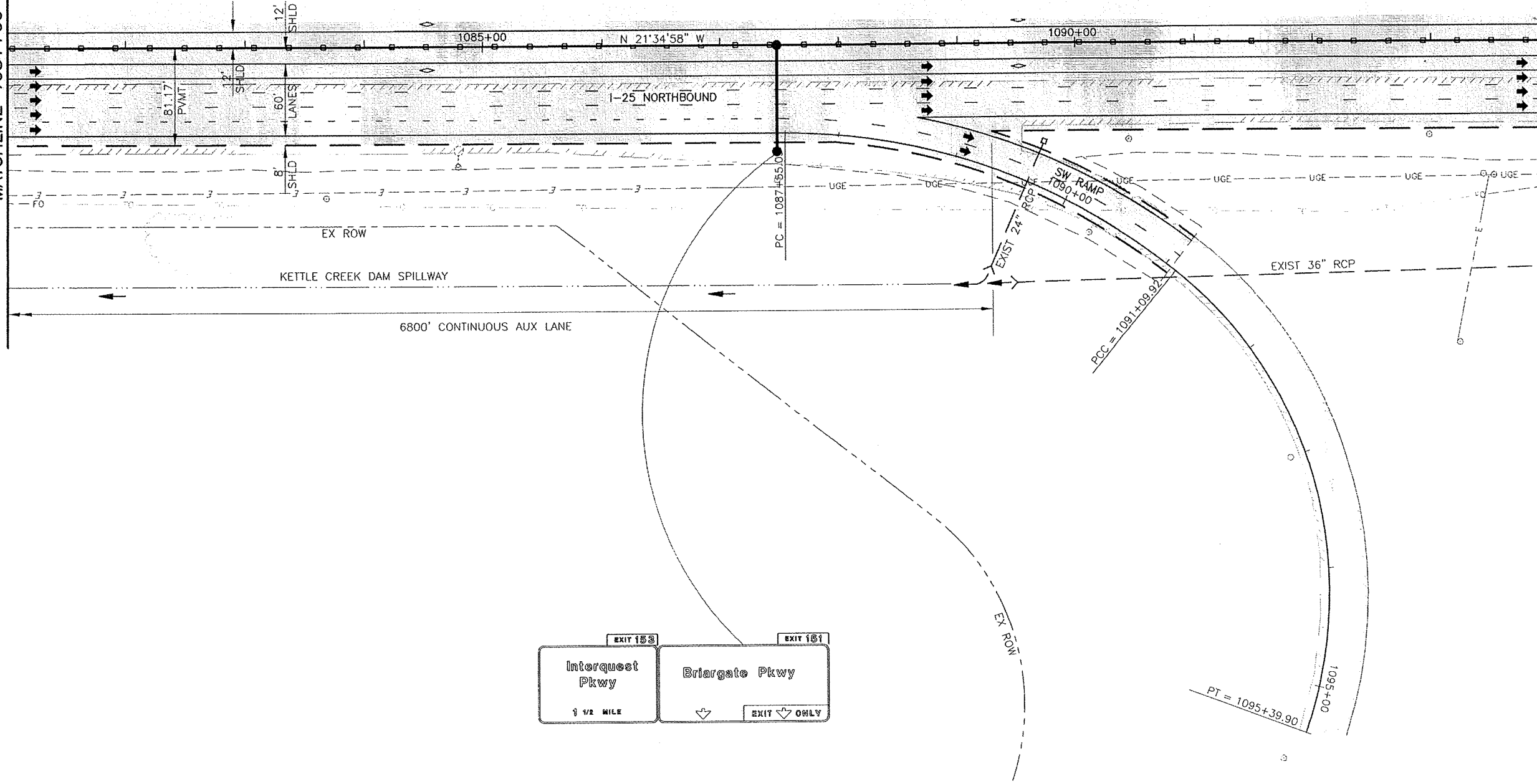
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I-25 EA CONCEPTUAL DESIGN



MATCHLINE 1081+00 NB

MATCHLINE 1094+00 NB



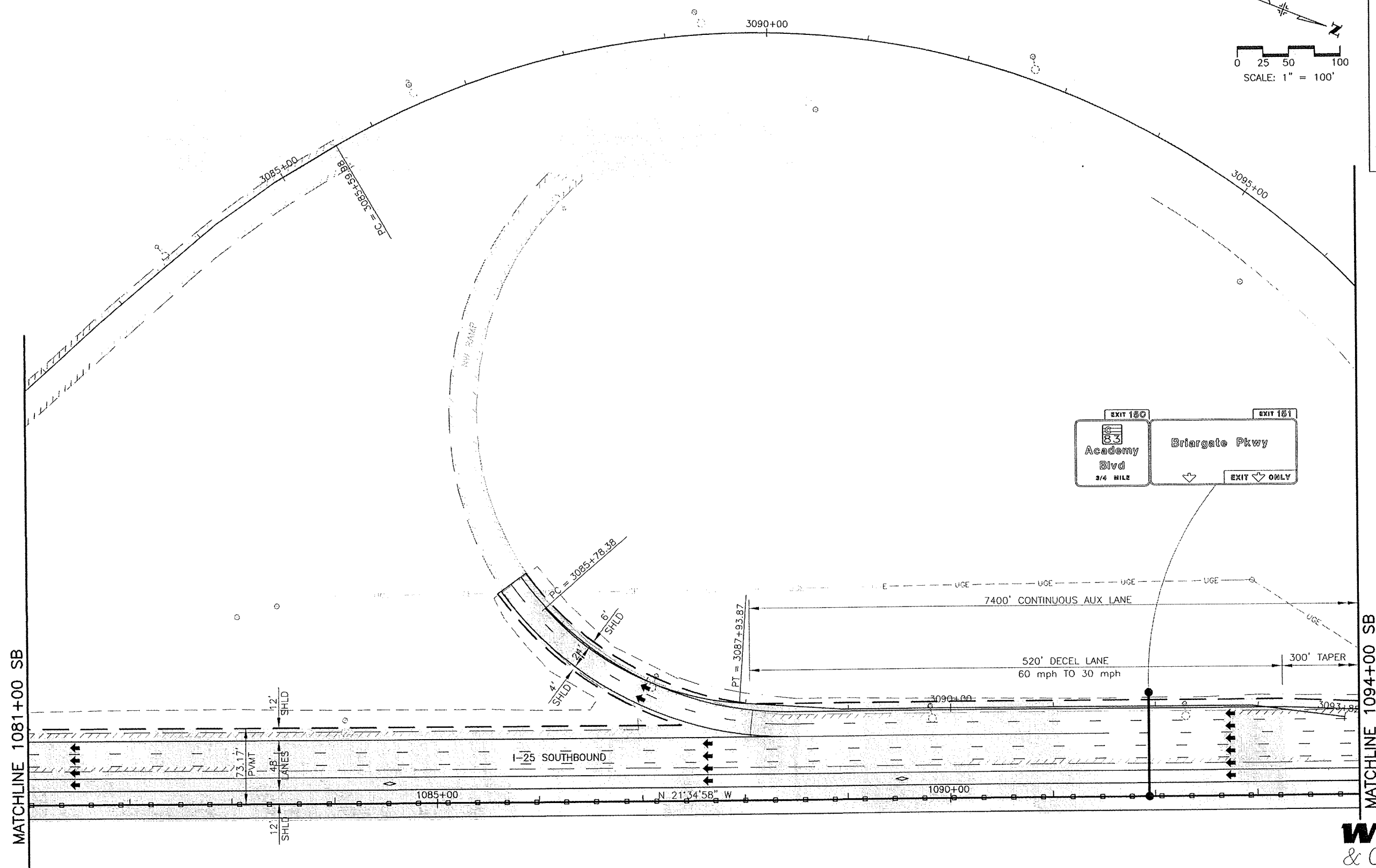
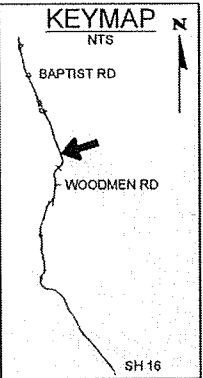
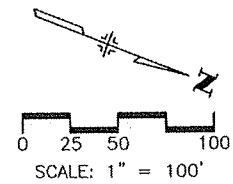
WILSON & COMPANY
Engineers & Architects

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1081+00 NB to 1094+00		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK			No Revisions:		12210		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Revised:		12210		12210	
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Drawing File Name:	RDPL66-75.DWG					Region 2		JFF		Sheet Number	
Acad Ver.	2000	Scale:	As Shown	Units:	English						


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I-25 EA CONCEPTUAL DESIGN

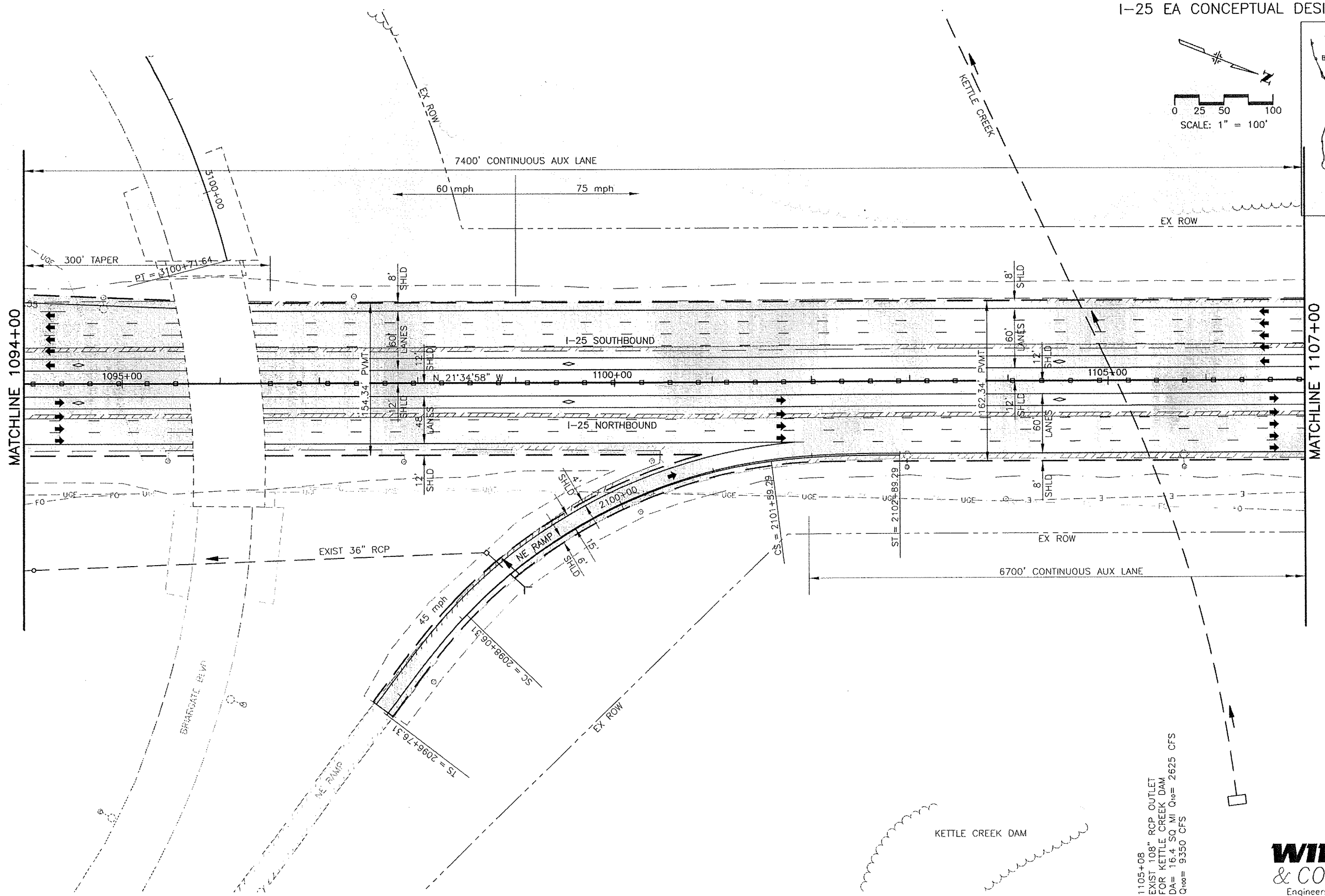
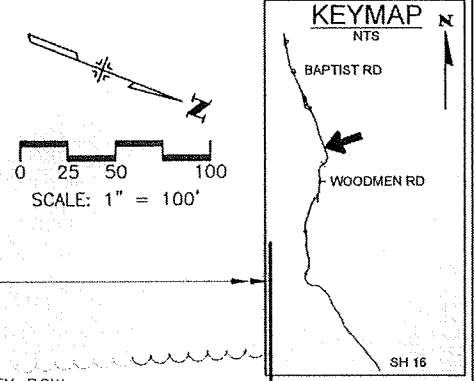


WILSON & COMPANY
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:	1081+00 SB to 1094+00		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB	(R-)			Revised:	Designer:	MAB	12210	
Full Path:	P:\983100913\ACAD\SHEETS	(R-)		(R-)			Void:	Detailer:	MAB	Sheet Number	
Drawing File Name:	RDPL66-75.DWG	(R-)		(R-)			Sheet Subset: ROADWAY		Subset Sheet: 70 of 113		
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF			


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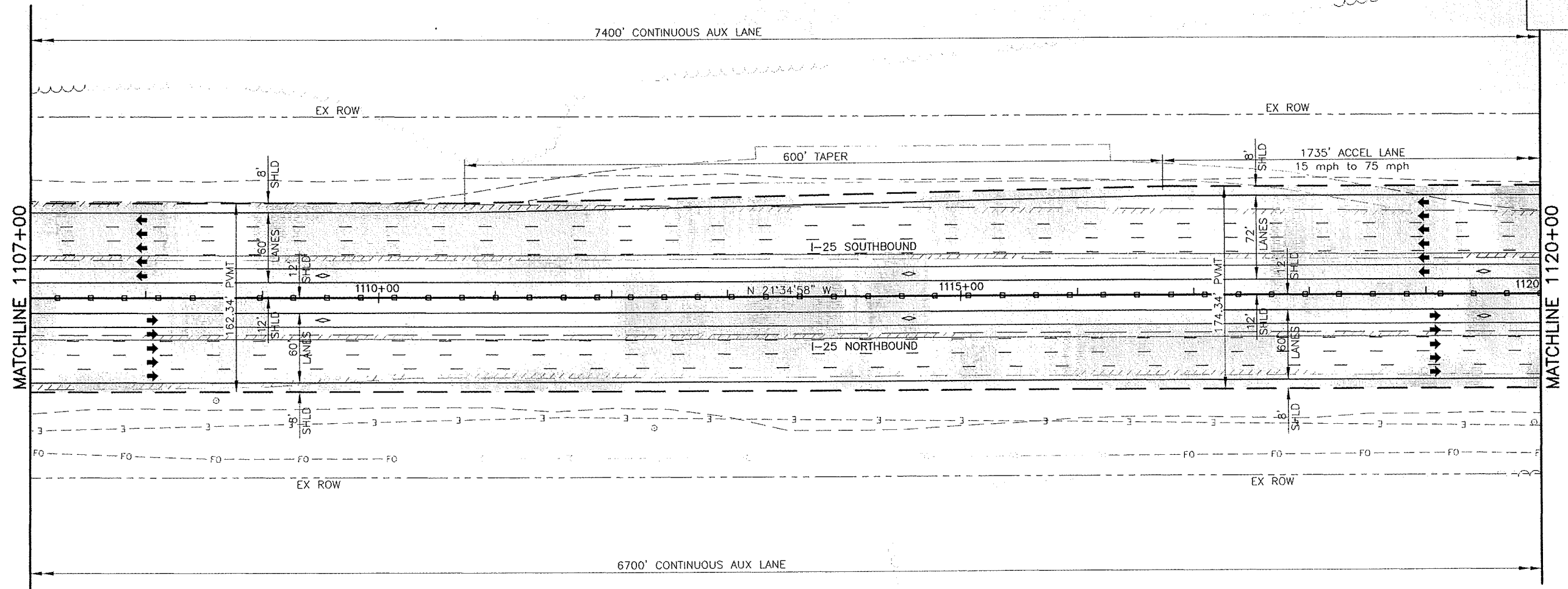
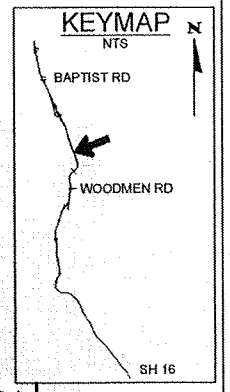
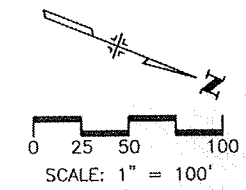
I-25 EA CONCEPTUAL DESIGN



1105+08
EXIST 108" RCP OUTLET
FOR KETTLE CREEK DAM
DA= 16.4 SQ. MI. Q₁₀₀= 2625 CFS
Q₁₀₀= 9350 CFS


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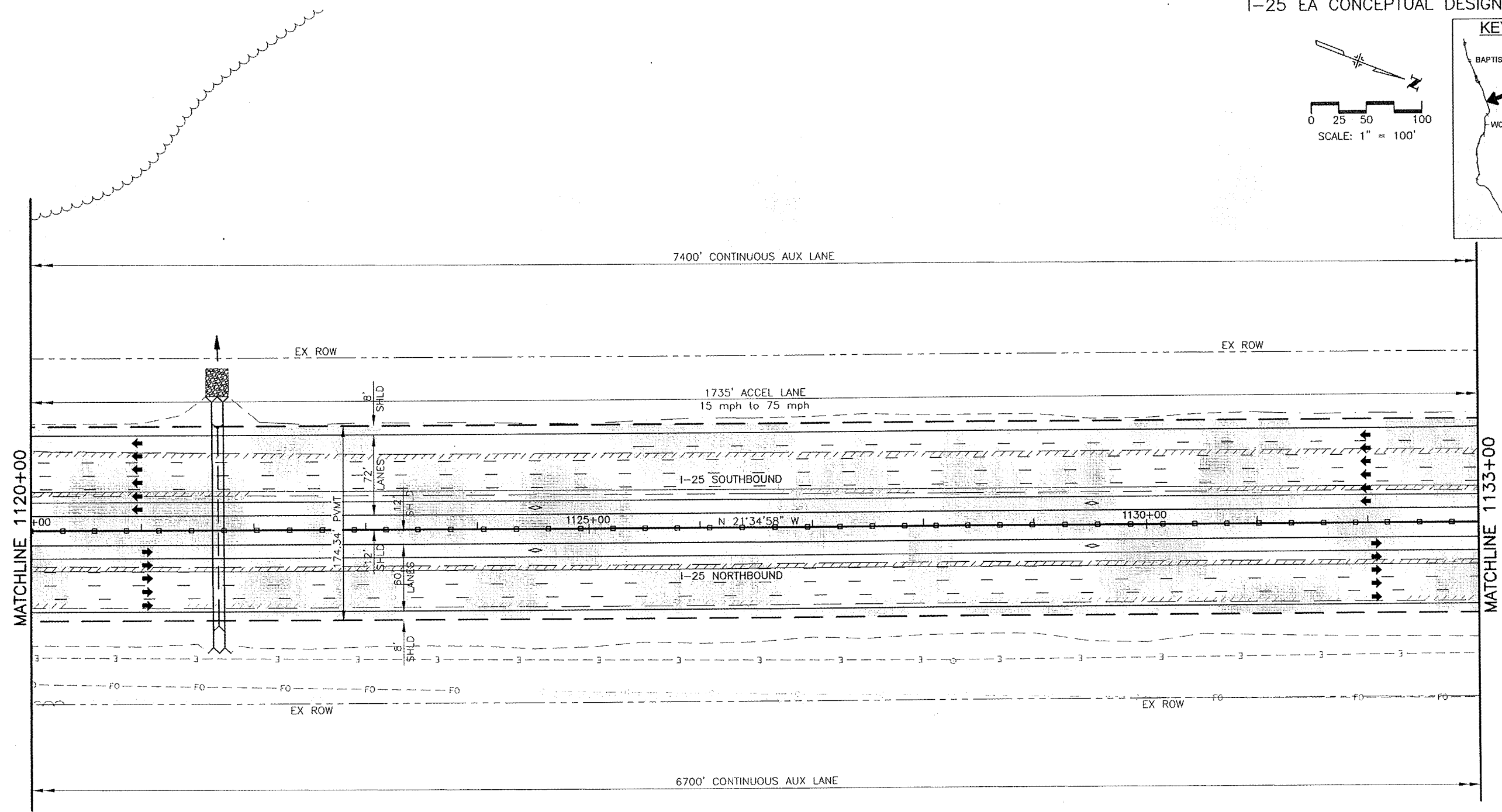
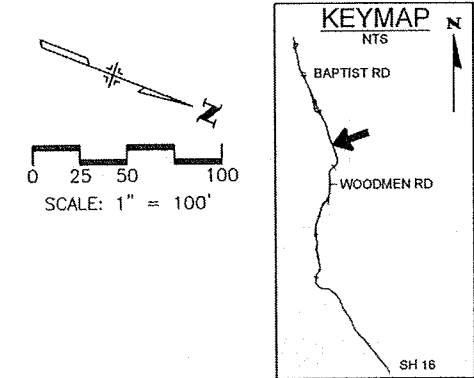
Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1094+00 to 1107+00		Project No./Code		
Creation Date:	11/6/01	Initials:	MAK			 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		Designer: MAB Detailer: MAB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB				Revised:				12210	
Full Path:	P:\983100913\ACAD\SHEETS						Void:		Sheet Subset: ROADWAY		Subset Sheet: 71 of 113	
Drawing File Name:	RDPL66-75.DWG										Sheet Number	
Acad Ver.	2000	Scale:	As Shown	Units:	English							



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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1107+00 to 1120+00		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK			 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:			C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB				Revised:			12210	
Full Path:	P:\98310091\ACAD\SHEETS						Void:			Sheet Number	
Drawing File Name:	RDPL66-75.DWG						Sheet Subset: ROADWAY		Subset Sheet: 72 of 113		
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF			



1121+69
 REMOVE 24" X 175' RCP,
 INLET
 RECO'D DOUBLE 42" X 220' RCP @
 0.9% END SECTIONS LT AND RT,
 RIPRAP LT, REGRADE DITCH LT
 DA= 40 AC Q₁₀₀= 50 CFS
 Q₁₀₀= 125 CFS
 AHW = 5' DHW₁₀₀ = 4.2'

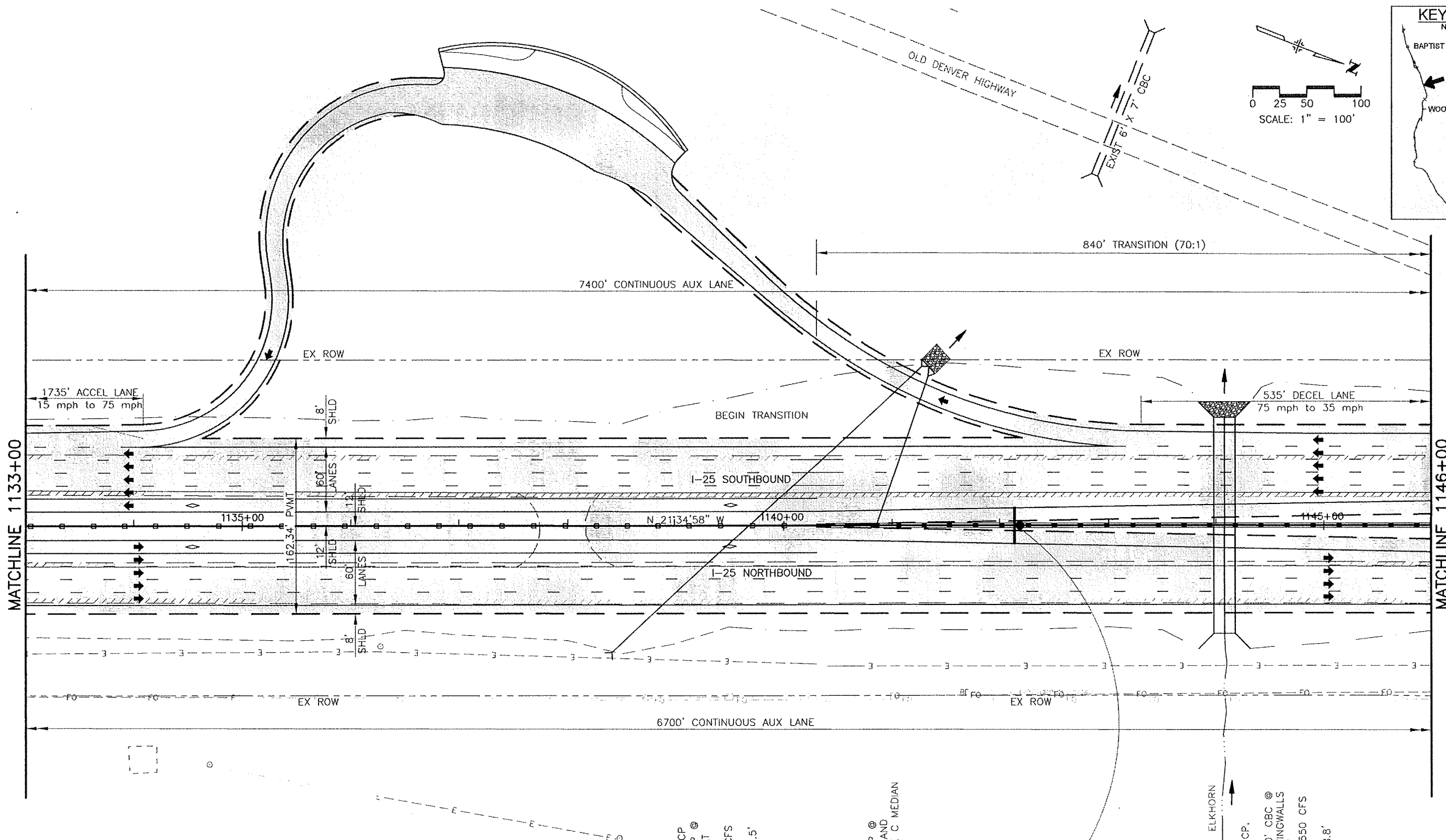
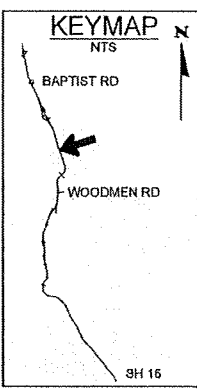


Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1120+00 to 1133+00		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK				No Revisions:			C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB				Revised:	Designer:	MAB	12210	
Full Path:	P:\983100913\ACAD\SHEETS							Detailer:	MAB	Sheet Number	
Drawing File Name:	RDPL66-75.DWG						Void:	Sheet Subset: ROADWAY	Subset Sheet: 73 of 113		
Acad Ver. 2000	Scale: As Shown	Units: English				Region 2	JFF				

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P:\18-10099\18-10099-ROAD\18-10099-ROAD.dwg, PL-N 74, 10/09/2003 04:20:57 PM, xcelis

I-25 EA CONCEPTUAL DESIGN



1139+68
REMOVE 48" X 315' RCP
REQ'D 66" X 390' RCP @
3.1% END SECTIONS LT
AND RT, RIPRAP RT
DA = 50 AC Q₁₀ = 50 CFS
Q₁₀₀ = 150 CFS
AHW = 6' DHW₁₀₀ = 5.5'

1140+85
REQ'D 18" X 145' RCP @
11.0% END SECTIONS AND
RIPRAP RT, INLET TYPE C MEDIAN

Interquest Pkwy 1/2
Powers Blvd ?
Baptist Rd 5 1/2

1144+08
REMOVE 60" X 195' RCP,
INLET
REQ'D 10' X 8' X 200' CBC @
0.5% HDWALLS AND WINGWALLS
LT AND RT, RIPRAP RT
DA = 1.2 SQ MI Q₁₀ = 550 CFS
Q₁₀₀ = 1375 CFS
AHW = 9' DHW₁₀₀ = 8.8'

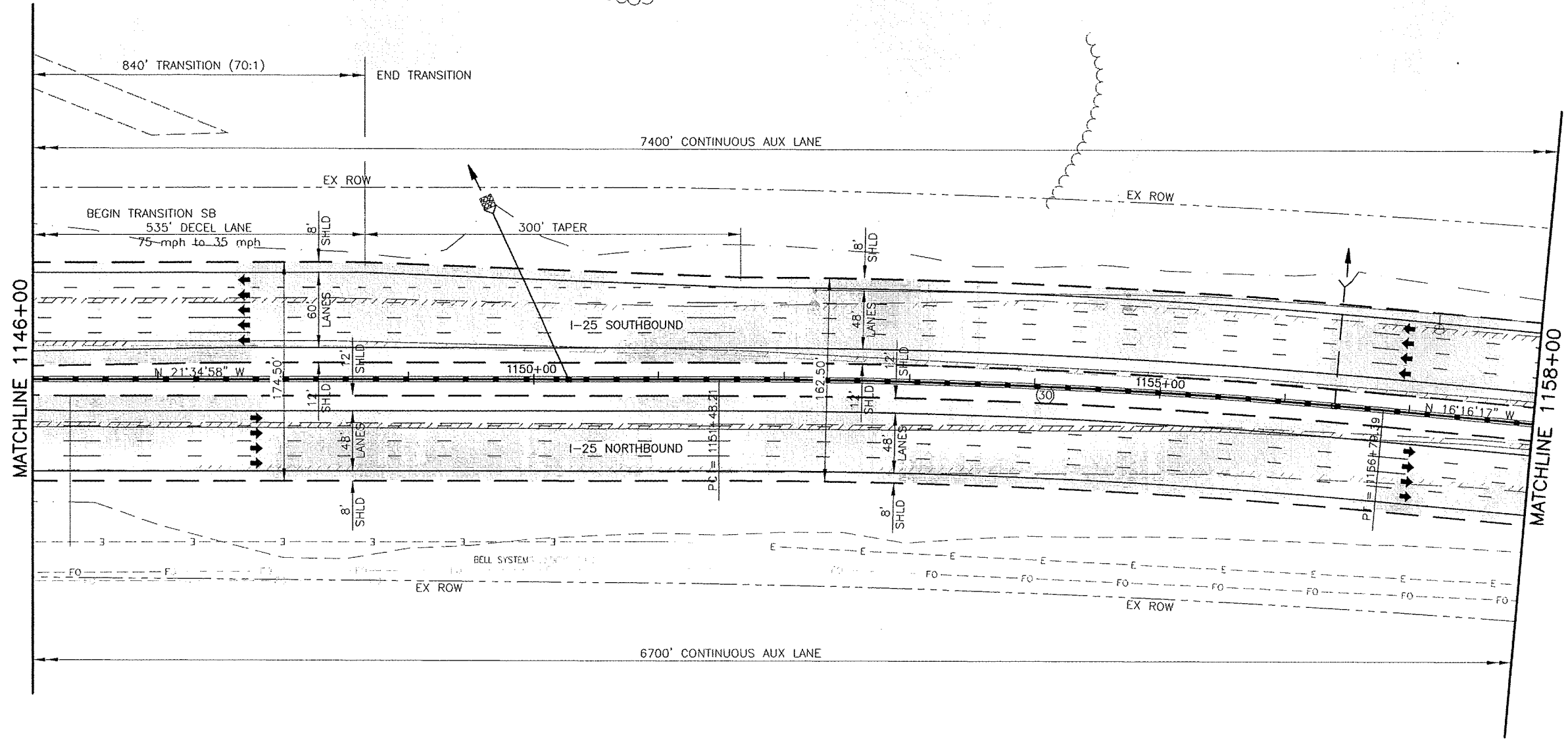
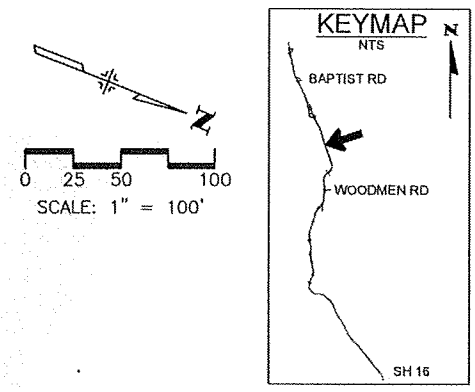


Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1133+00 to 1146+00		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK			1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:			C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB				Revised:			12210	
Full Path:	P:\983100913\ACAD\SHEETS						Void:			Sheet Number	
Drawing File Name:	RDPL66-75.DWG						Sheet Subset: ROADWAY		Subset Sheet: 74 of 113		
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF			

P:\9831000\ACAD\SHEETS\rdpl66-75.dwg, PLAN 75, 10/09/2003 04:21:24 P. rollis

I-25 EA CONCEPTUAL DESIGN

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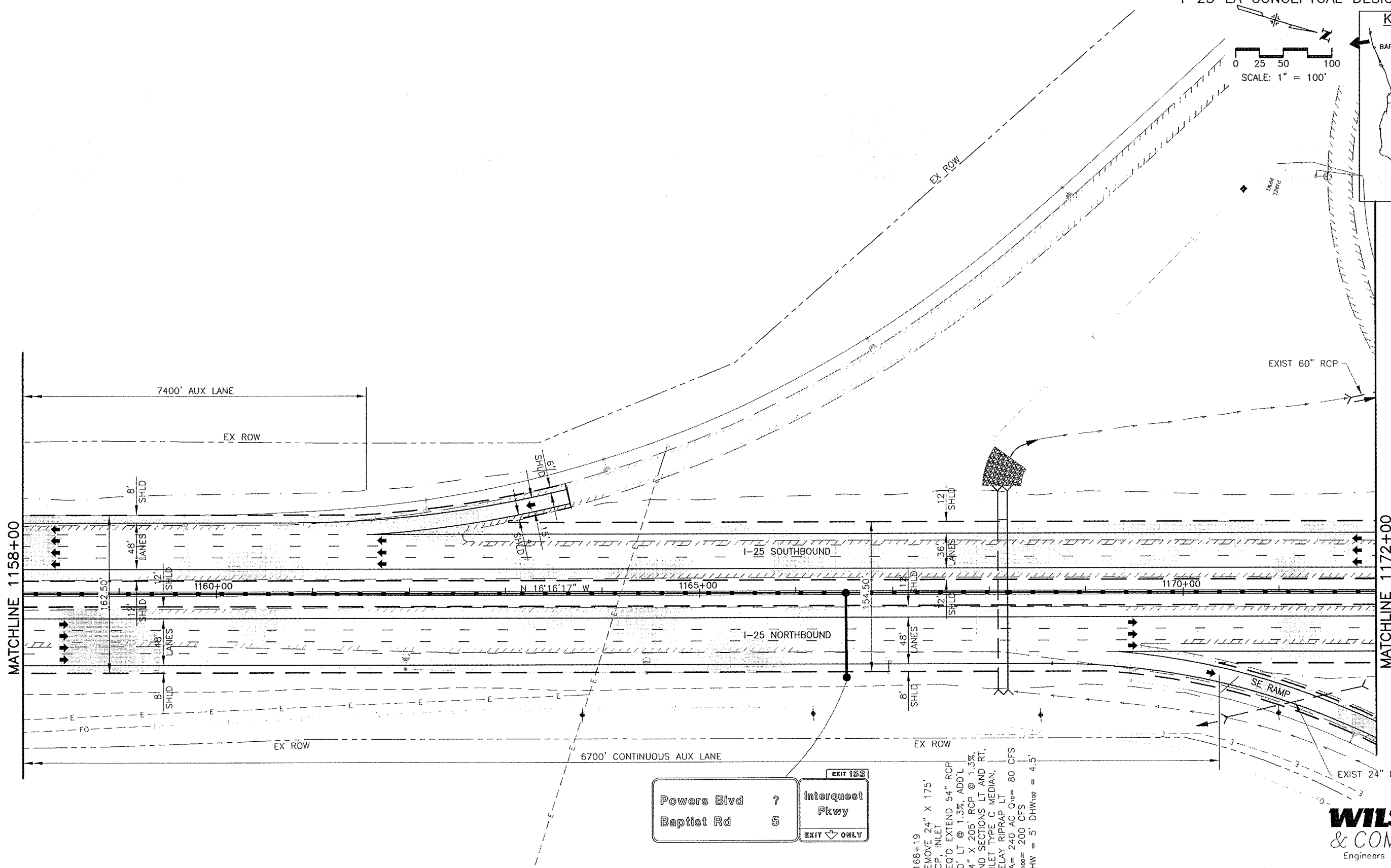
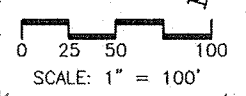
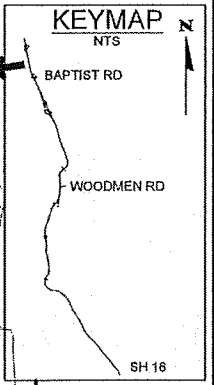
1150+28
REQ'D 18" X 145' RCP @
0.7% INLET TYPE C MEDIAN,
END SECTION AND RIPRAP LT

1156+40
REMOVE 24" X 95' RCP,
INLET



Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/12/01	Initials:	MAK (R-)	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		1146+00 to 1158+00		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB (R-)			Revised:		Designer: MAB		12210	
Full Path:	P:\983100913\ACAD\SHEETS		(R-)			Void:		Detailer: MAB		Sheet Number	
Drawing File Name:	RDPL66-75.DWG		(R-)			Sheet Subset: ROADWAY		Subset Sheet: 75 of 113			
Acad Ver. 2000	Scale: As Shown	Units: English	(R-)								

I-25 EA CONCEPTUAL DESIGN



Powers Blvd	?	Interquest Pkwy
Baptist Rd	5	EXIT ONLY

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Computer File Information	
Creation Date:	11/12/01 Initials: MAK (R-)
Last Modification Date:	01/28/03 Initials: MAB (R-)
Full Path:	P:\983100913\ACAD\SHEETS (R-)
Drawing File Name:	RDPL76-85S.DWG (R-)
Acad Ver. 2000	Scale: As Shown Units: English (R-)

Sheet Revisions	

Colorado Department of Transportation

1480 Quail Lake Loop -- Suite A
Colorado Springs, Colorado 80906
Phone: (719) 634-2323 Fax: (719) 227-3298

Region 2 JFF

As Constructed
No Revisions:
Revised:
Void:

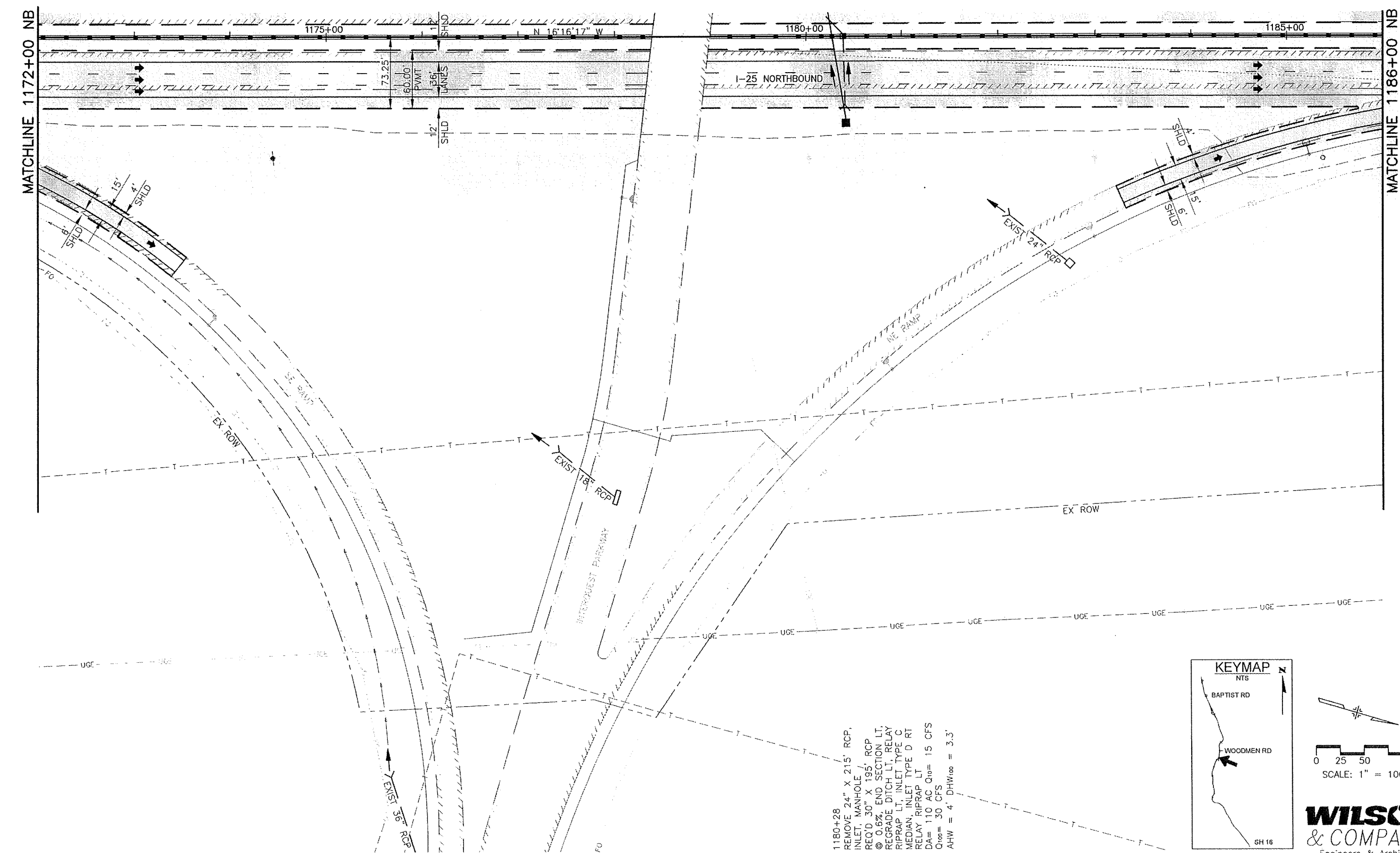
I-25 Roadway Plan 1158+00 to 1172+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	76 of 113

Project No./Code
C 0252-316
12210
Sheet Number

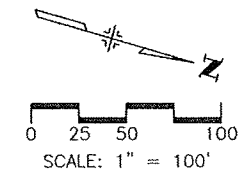
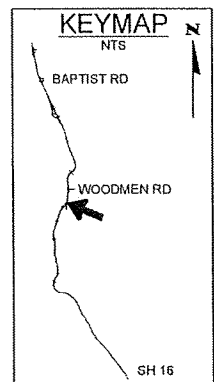
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P:\08210000\ACAD\SHEETS\rip176-85s.dwg, PLN 77, 10/09/2003 05:11:00 P:\jwallis

I-25 EA CONCEPTUAL DESIGN



1180+28
 REMOVE 24" X 215' RCP,
 INLET, MANHOLE
 REQ'D 30" X 195' RCP
 @ 0.6% END SECTION LT,
 REGRADE DITCH LT, RELAY
 RIPRAP LT, INLET TYPE C
 MEDIAN, INLET TYPE D RT
 RELAY RIPRAP LT
 DA= 110 AC Q10= 15 CFS
 Q100= 30 CFS
 AHW = 4' DHW100 = 3.3'



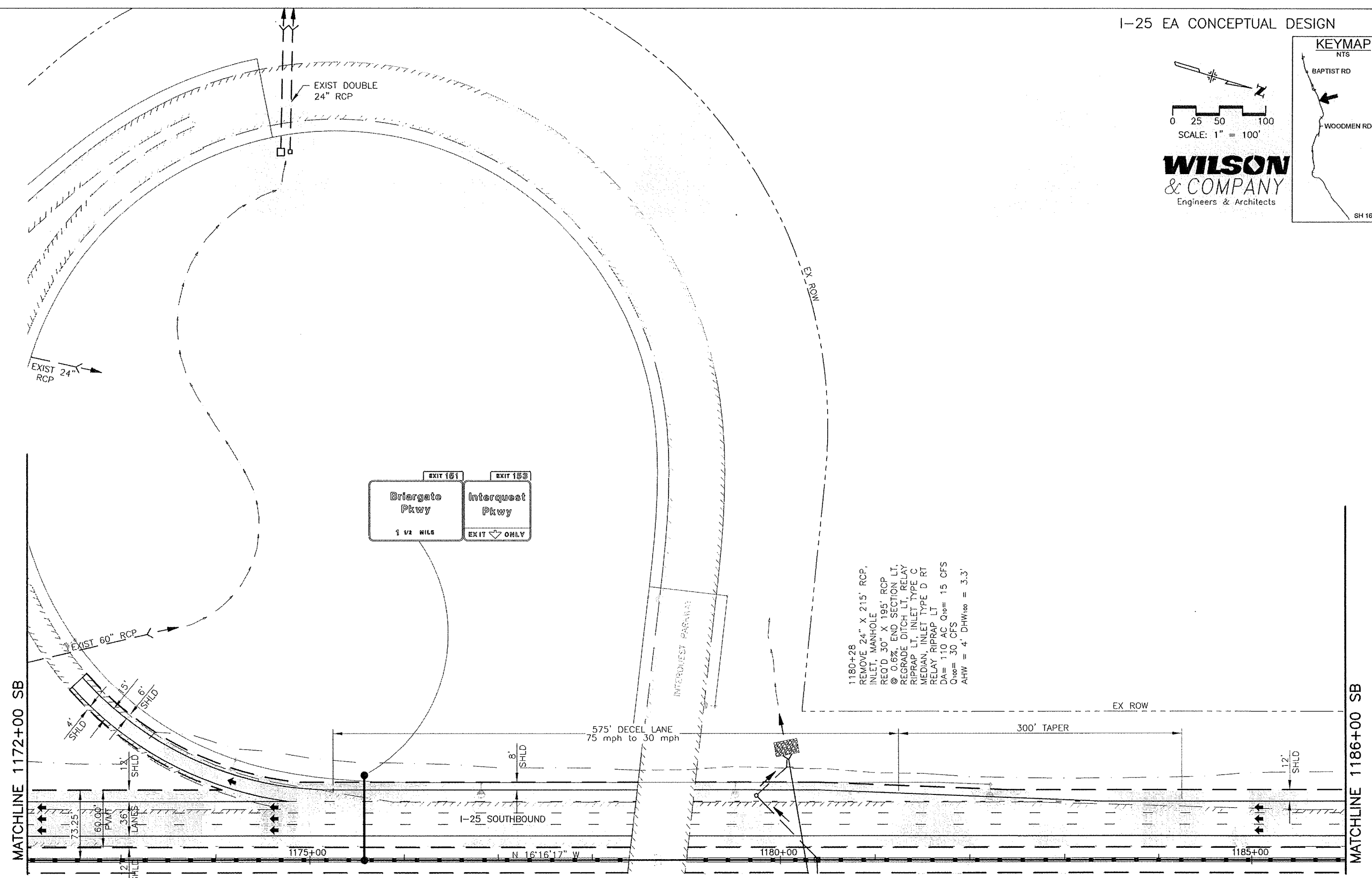
WILSON & COMPANY
 Engineers & Architects

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/12/01	Initials:	MAK			1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298		1172+00 NB to 1186+00 NB		C 0252-316	
Last Modification Date:	01/28/03	Initials:	MAB			Region 2		Designer: MAB		12210	
Full Path:	P:\983100913\ACAD\SHEETS					JFF		Detailer: MAB		Sheet Number	
Drawing File Name:	RDPL76-85S.DWG							Sheet Subset: ROADWAY		Subset Sheet: 77 of 113	
Acad Ver.	2000	Scale:	As Shown	Units:	English						

SCALE: 1" = 100'

KEYMAP
NTS
BAPTIST RD
WOODMEN RD
SH 16

WILSON & COMPANY
Engineers & Architects



1180+28
REMOVE 24" X 215' RCP,
INLET, MANHOLE
REQ'D 30" X 195' RCP
@ 0.6% END SECTION LT,
REGRADE DITCH LT, RELAY
RIPRAP LT, INLET TYPE C
MEDIAN, INLET TYPE D RT
RELAY RIPRAP LT
DA = 110 AC Q₁₀₀ = 15 CFS
Q₁₀₀ = 30 CFS
AHW = 4' DHW₁₀₀ = 3.3'

Computer File Information	
Creation Date: 11/12/01	Initials: MAK (R-)
Last Modification Date: 01/28/03	Initials: MAB (R-)
Full Path: P:\983100913\ACAD\SHEETS	(R-)
Drawing File Name: RDPL76-85S.DWG	(R-)
Acad Ver. 2000	Units: English (R-)

Sheet Revisions	

Colorado Department of Transportation

1480 Quail Lake Loop - Suite A
Colorado Springs, Colorado 80906
Phone: (719) 634-2323 Fax: (719) 227-3298

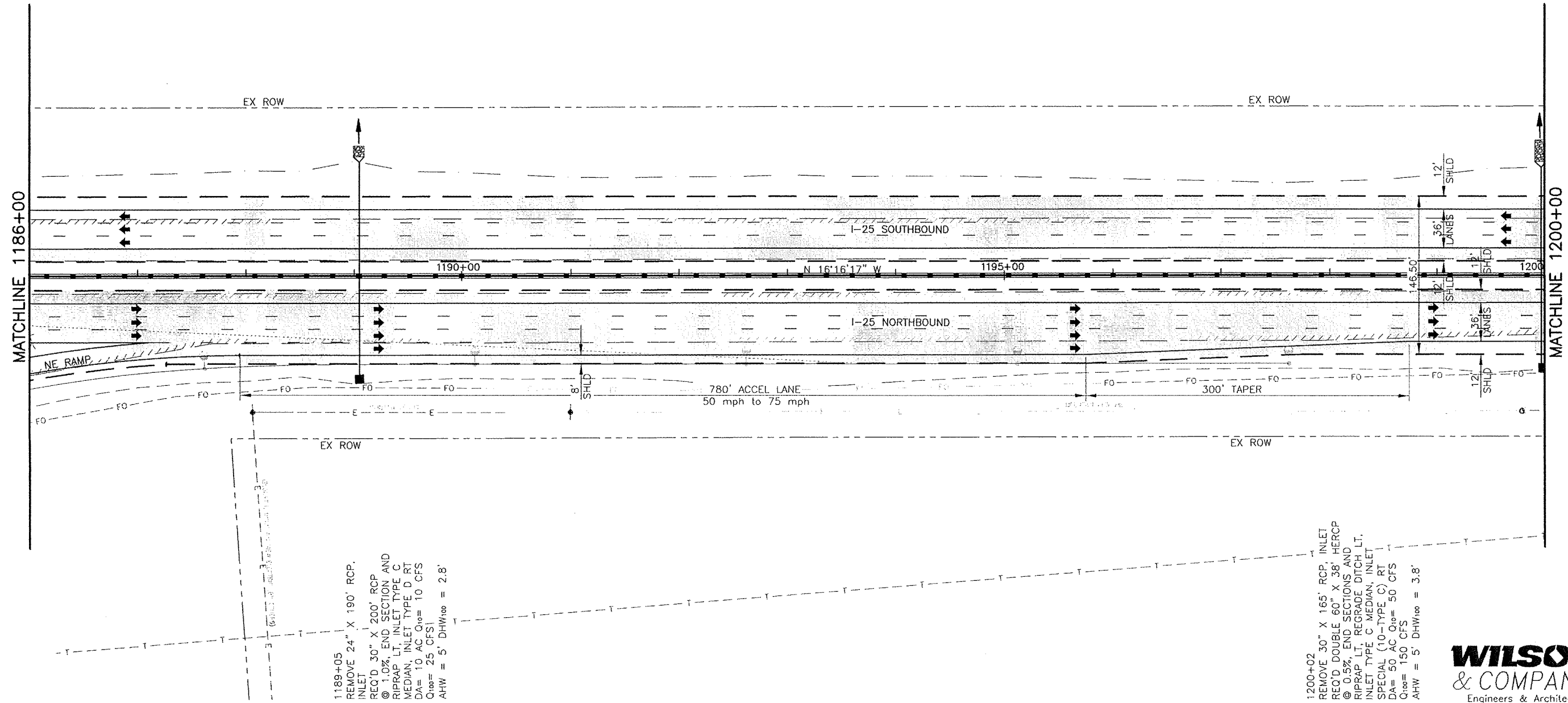
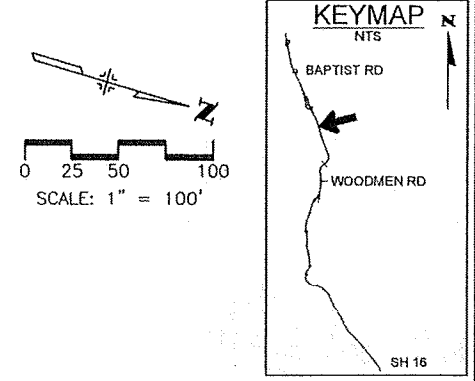
Region 2 JFF

As Constructed
No Revisions:
Revised:
Void:

I-25 Roadway Plan	
1172+00 SB to 1186+00 SB	
Designer: MAB	
Detailer: MAB	
Sheet Subset: ROADWAY	Subset Sheet: 78 of 113

Project No./Code
C 0252-316
12210
Sheet Number

P:\983100913\ACAD\SHEETS\RDPL76-85S.dwg, PL=N 78, 10/00/2003 05:11:32 P:\jwallis



1189+05
REMOVE 24" X 190' RCP,
INLET
REQ'D 30" X 200' RCP
@ 1.0% END SECTION AND
RIPRAP LT, INLET TYPE C
MEDIAN, INLET TYPE D RT
DA= 10, AC C₁₀₀= 10 CFS
C₁₀₀= 25 CFS
AHW = 5' DHW₁₀₀ = 2.8'

1200+02
REMOVE 30" X 165' RCP, INLET
REQ'D DOUBLE 60" X 36' HERCP
@ 0.5% END SECTIONS AND
RIPRAP LT, REGRADE DITCH LT,
INLET TYPE C MEDIAN, INLET
SPECIAL (10-TYPE C) RT
DA= 50, AC C₁₀₀= 50 CFS
C₁₀₀= 150 CFS
AHW = 5' DHW₁₀₀ = 3.8'



P:\08310091\ACAD\SHEETS\rip16-85s.dwg, PLAN 79, 10/09/2001 05:12:13 P:\jwells

Computer File Information		
Creation Date:	11/12/01	Initials: MAK
Last Modification Date:	01/28/03	Initials: MAB
Full Path:	P:\983100913\ACAD\SHEETS	
Drawing File Name:	RDPL76-85S.DWG	
Acad Ver.	2000	Scale: As Shown Units: English

Sheet Revisions		
(R-)		
(R-)		
(R-)		
(R-)		

Colorado Department of Transportation

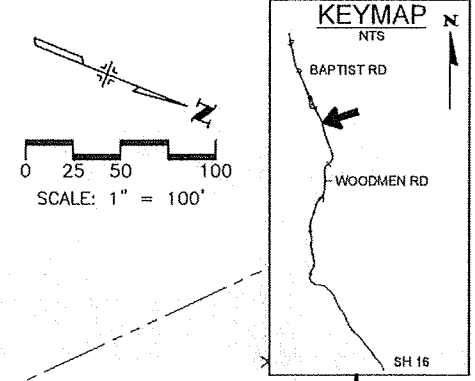
1480 Quail Lake Loop - Suite A
Colorado Springs, Colorado 80906
Phone: (719) 634-2323 Fax: (719) 227-3298

Region 2 JFF

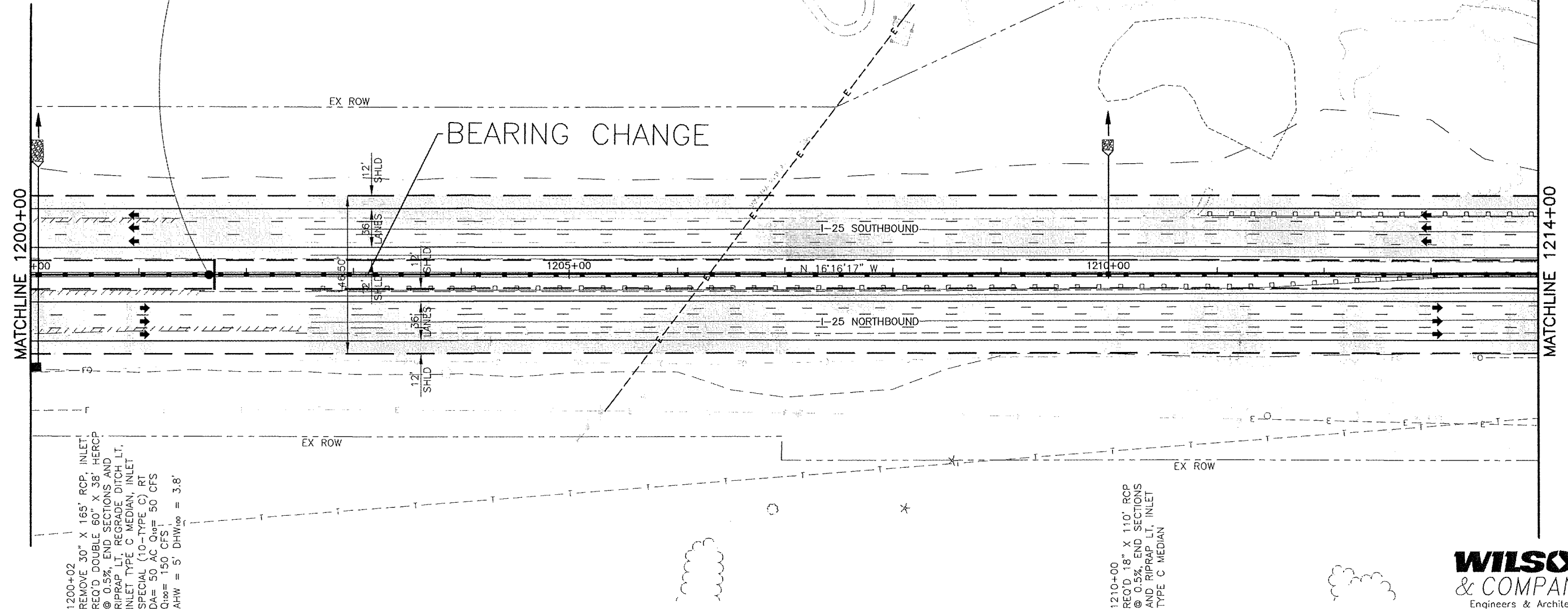
As Constructed
No Revisions:
Revised:
Void:

I-25 Roadway Plan 1186+00 to 1200+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset: ROADWAY	Subset Sheet: 79 of 113

Project No./Code	C 0252-316
	12210
Sheet Number	



Interquest Pkwy 1/2
 Briargate Pkwy 2
 Academy Blvd/St Hwy 83 3



1200+02
 REMOVE 30" X 165' RCP, INLET,
 REQ'D DOUBLE 60" X 38' HERCP
 @ 0.5% END SECTIONS AND
 RIPRAP LT, REGRADE DITCH LT,
 INLET TYPE C MEDIAN, INLET
 SPECIAL (10-TYPE C) RT
 DA= 50 AC Q₁₀₀= 50 CFS
 Q₁₀₀= 150 CFS
 AHW = 5' D_{H₁₀₀} = 3.8'

1210+00
 RCP
 REQ'D 18" X 110' RCP
 @ 0.5% END SECTIONS
 AND RIPRAP LT, INLET
 TYPE C MEDIAN



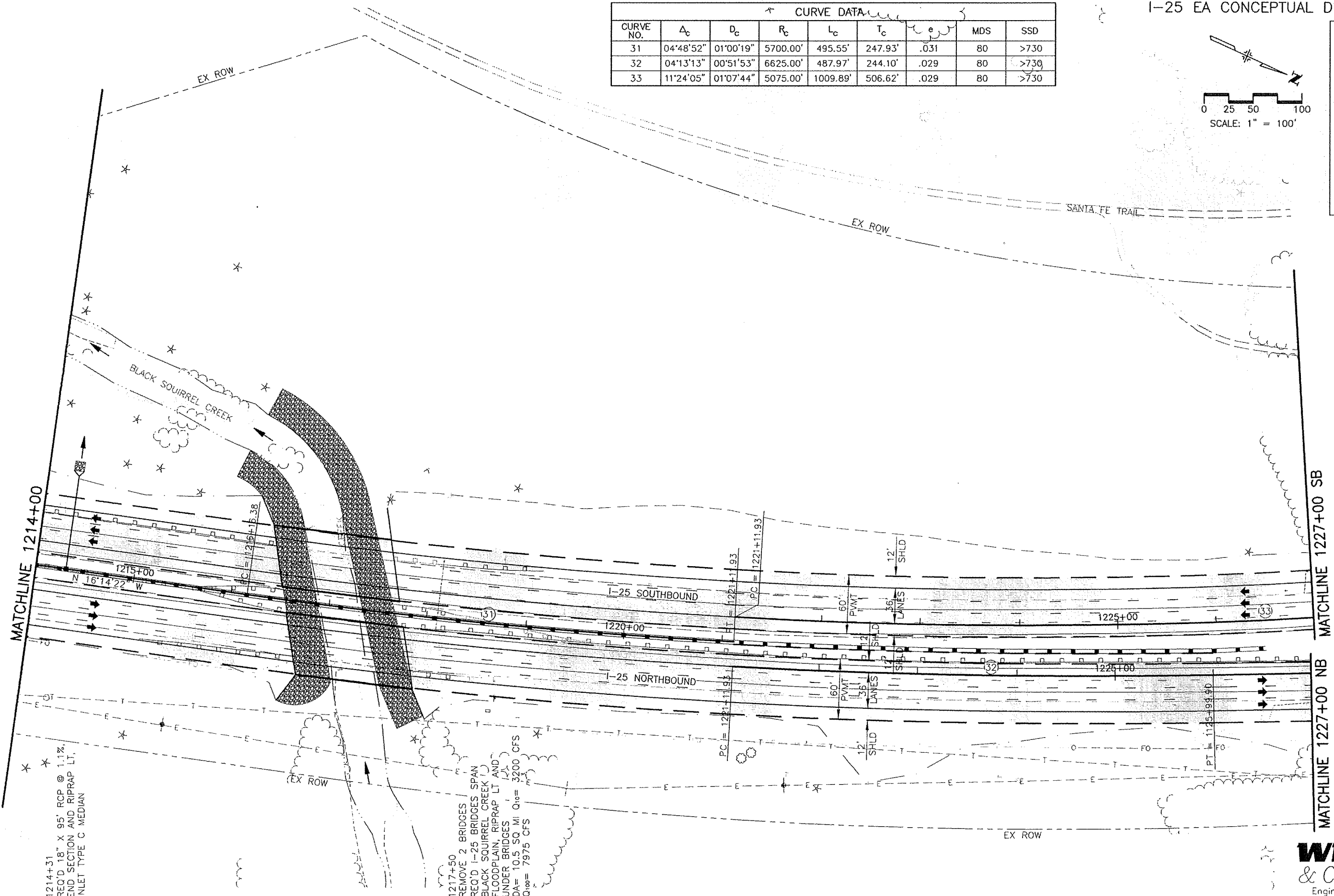
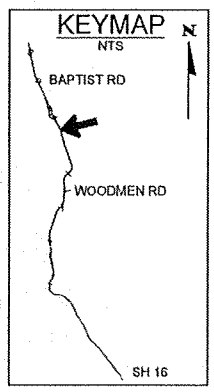
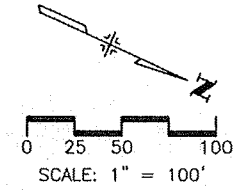
P:\08310009\ACAD\SHEETS\input\8-85s.dwg, PLAN 80, 10/09/2003 05:12:54 P...jwellis

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1200+00 to 1214+00		Project No./Code	
Creation Date:	11/12/01	Initials:	MAK	(R-)		1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:			C 0252-316	
Last Modification Date:	02/28/03	Initials:	MAB	(R-)			Revised:			12210	
Full Path:	P:\983100913\ACAD\SHEETS			(R-)			Void:			Sheet Number	
Drawing File Name:	RDPL76-85S.DWG			(R-)			Designer: MAB Detailer: MAB Sheet Subset: ROADWAY		Subset Sheet: 80 of 113		
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF			

P:\08310000\ACAD\SHEETS\rdpl76-85s.dwg, PLAN 81, 10/02/03 09:13:31 P. Wallis

I-25 EA CONCEPTUAL DESIGN


CURVE DATA								
CURVE NO.	Δ_c	D_c	R_c	L_c	T_c	e	MDS	SSD
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32	04°13'13"	00°51'53"	6625.00'	487.97'	244.10'	.029	80	>730
33	11°24'05"	01°07'44"	5075.00'	1009.89'	506.62'	.029	80	>730

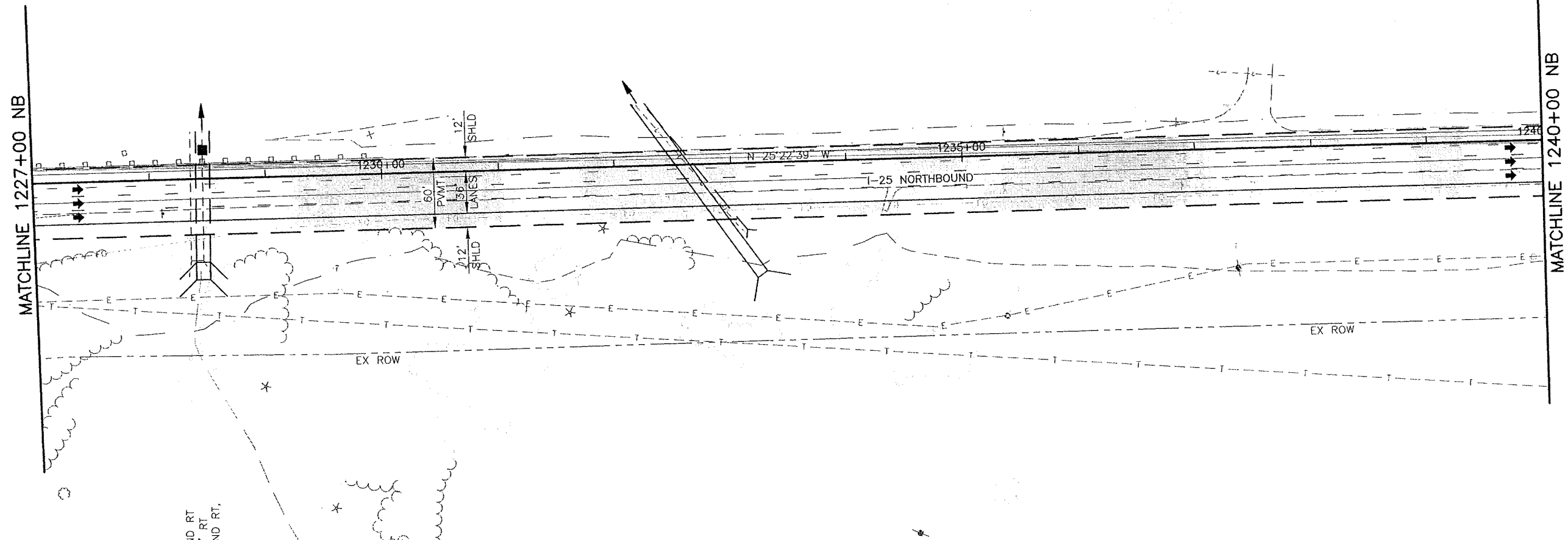
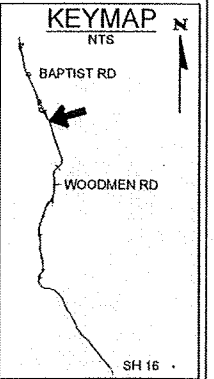
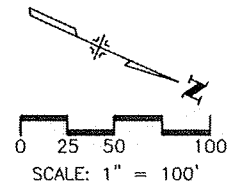


1214+31
 REQ'D 18" X 95' RCP @ 1.1%
 END SECTION AND RIPRAP LT,
 INLET TYPE C MEDIAN

1217+50
 REMOVE 2 BRIDGES /
 REQ'D I-25 BRIDGES SPAN
 BLACK SQUIRREL CREEK /
 FLOODPLAIN, RIPRAP LT AND
 UNDER BRIDGES /
 DA= 10.5 SQ MI Q10= 3200 CFS
 Q100= 7975 CFS

WILSON & COMPANY
 Engineers & Architects

Computer File Information			Sheet Revisions			Colorado Department of Transportation			As Constructed			I-25 Roadway Plan 1214+00 to 1227+00			Project No./Code		
Creation Date:	11/12/01	Initials: MAK	(R-)			 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:			Designer: MAB Detailer: MAB			C 0252-316				
Last Modification Date:	02/28/03	Initials: MAB	(R-)				Revised:						12210				
Full Path:	P:\983100913\ACAD\SHEETS		(R-)				Void:			Sheet Subset: ROADWAY							
Drawing File Name:	RDPL76-85S.DWG		(R-)							Subset Sheet: 81 of 113							
Acad Ver. 2000	Scale: As Shown	Units: English	(R-)							Sheet Number							



1228+45 NB - 1228+43 SB
 REMOVE HDWALL AND WINGWALLS LT AND RT
 EXTEND 12' X 8' CBC 20' LT, AND 15' RT
 @ 1.9%, HDWALL AND WINGWALLS LT AND RT,
 RIPRAP LT, REGRADE DITCH LT,
 INLET TYPE D MEDIAN
 DA= 550 AC, Q₁₀₀= 425 CFS
 Q₁₀₀= 1075 CFS
 AHW = 13' DHW₁₀₀ = 10.4'

1232+58 NB - 1231+89 SB
 REMOVE 48" X 280' CSP
 REQ'D 10' X 6' X 325' @ 2.2%,
 HDWALL AND WINGWALLS LT AND
 RT, RIPRAP LT
 DA= 200 AC, Q₁₀₀= 200 CFS
 Q₁₀₀= 500 CFS
 AHW = 8' DHW₁₀₀ = 6.6'

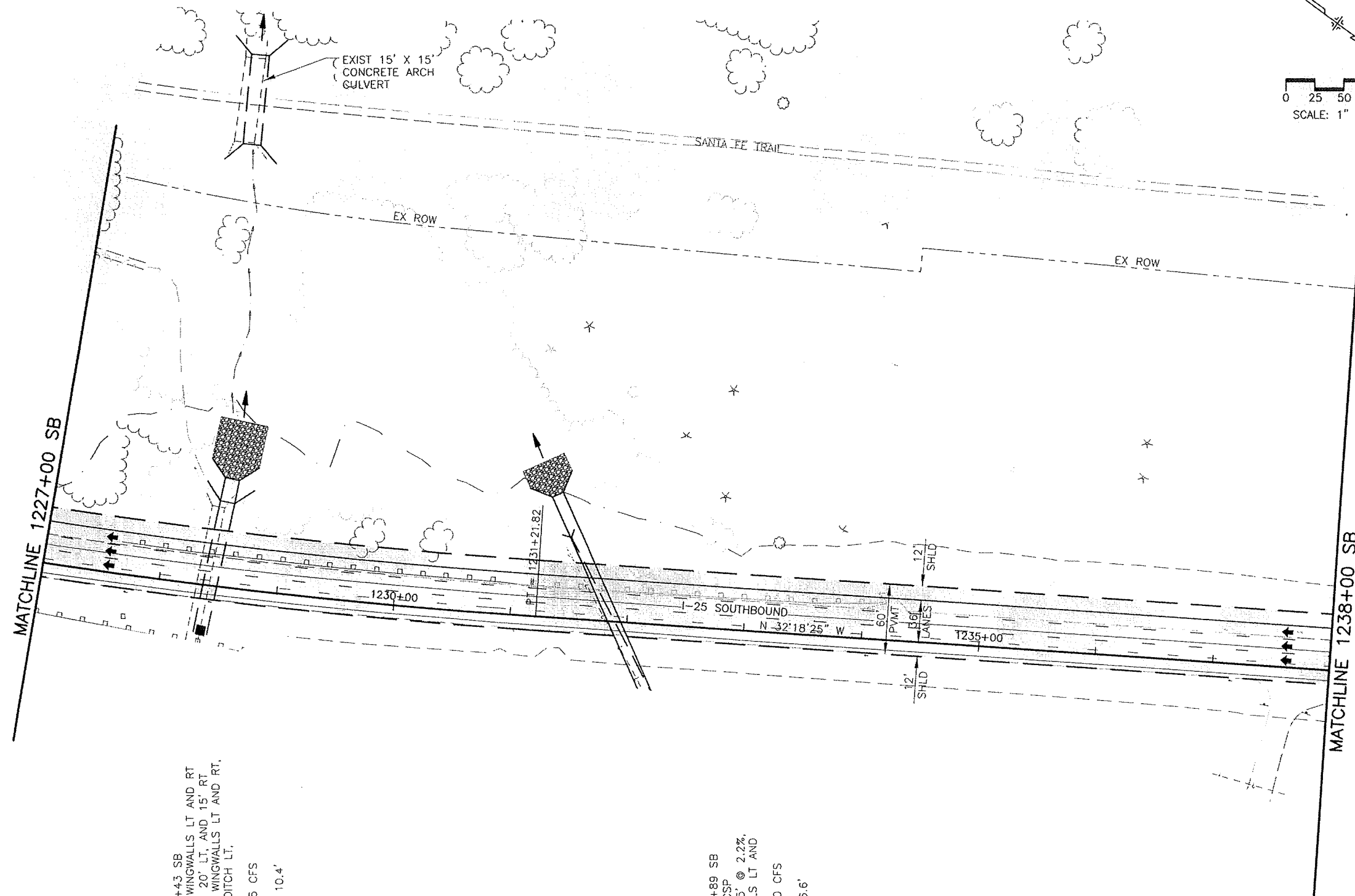
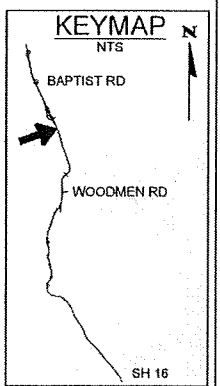
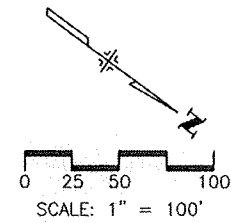
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P:\983100913\ACAD\76-855.dwg, P:\N 52N, 10/09/2003 09:14:07 AM, jcaulis

Computer File Information		Sheet Revisions		<p>Colorado Department of Transportation 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF</p>	As Constructed		I-25 Roadway Plan 1227+00 NB to 1240+00 NB		Project No./Code	
Creation Date:	11/12/01	Initials:	MAK		No Revisions:				C 0252-316	
Lost Modification Date:	02/28/03	Initials:	MAB		Revised:		Designer: MAB		12210	
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Drawing File Name:	RDPL76-855.DWG	Initials:					Sheet Subset: ROADWAY		Subset Sheet: 82 NB of 113	
Acad Ver.	2000	Scale:	As Shown	Units:	English			Sheet Number		

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I-25 EA CONCEPTUAL DESIGN

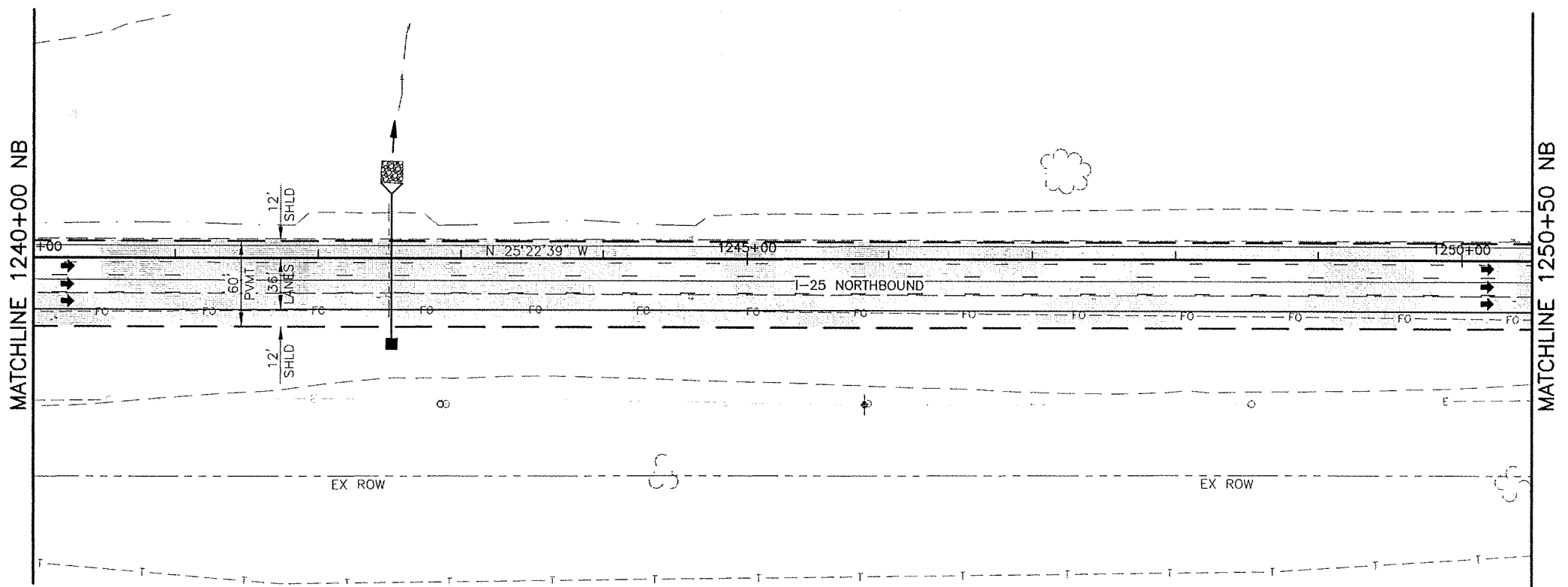
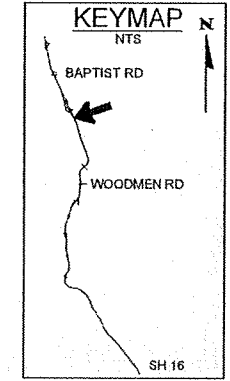
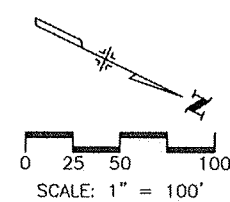


1228+45 NB - 1228+43 SB
 REMOVE HDWALL AND WINGWALLS LT AND RT
 EXTEND 12' X 8' CBC 20' LT, AND 15' RT
 @ 1.9% HDWALL AND WINGWALLS LT AND RT.
 RIPRAP LT, REGRADE DITCH LT,
 INLET TYPE D MEDIAN
 DA= 550 AC Q₁₀= 425 CFS
 Q₁₀₀= 1075 CFS
 AHW = 13' DRW₁₀₀ = 10.4'

1232+58 NB - 1231+89 SB
 REMOVE 48" X 260' CSP
 REQ'D 10' X 6' X 325' @ 2.2%
 HDWALL AND WINGWALLS LT AND
 RT, RIPRAP LT
 DA= 200 AC Q₁₀= 200 CFS
 Q₁₀₀= 500 CFS
 AHW = 8' DRW₁₀₀ = 6.6'




Computer File Information Creation Date: 11/12/01 Initials: MAK Last Modification Date: 02/28/03 Initials: MAB Full Path: P:\983100913\ACAD\SHEETS Drawing File Name: RDPL76-85S.DWG Acad Ver. 2000 Scale: As Shown Units: English		Sheet Revisions <table border="1"> <tr><td>(R-)</td><td></td><td></td></tr> <tr><td>(R-)</td><td></td><td></td></tr> <tr><td>(R-)</td><td></td><td></td></tr> <tr><td>(R-)</td><td></td><td></td></tr> </table>		(R-)			(R-)			(R-)			(R-)			Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		As Constructed No Revisions: Revised: Void:		I-25 Roadway Plan 1227+00 SB to 1238+00 SB Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 82 SB of 113		Project No./Code C 0252-316 12210 Sheet Number	
(R-)																							
(R-)																							
(R-)																							
(R-)																							



1242+51 NB
 REMOVE 24" X 80' RCP
 REQ'D 36" X 105' RCP
 @ 1.0% END SECTION AND
 RIPRAP LT. REGRADE DITCH
 LT. INLET TYPE D RT
 DA = 20 AC Q₁₀₀ = 25 CFS
 Q₁₀₀ = 50 CFS
 AHW = 5' DHW₁₀₀ = 4.2'

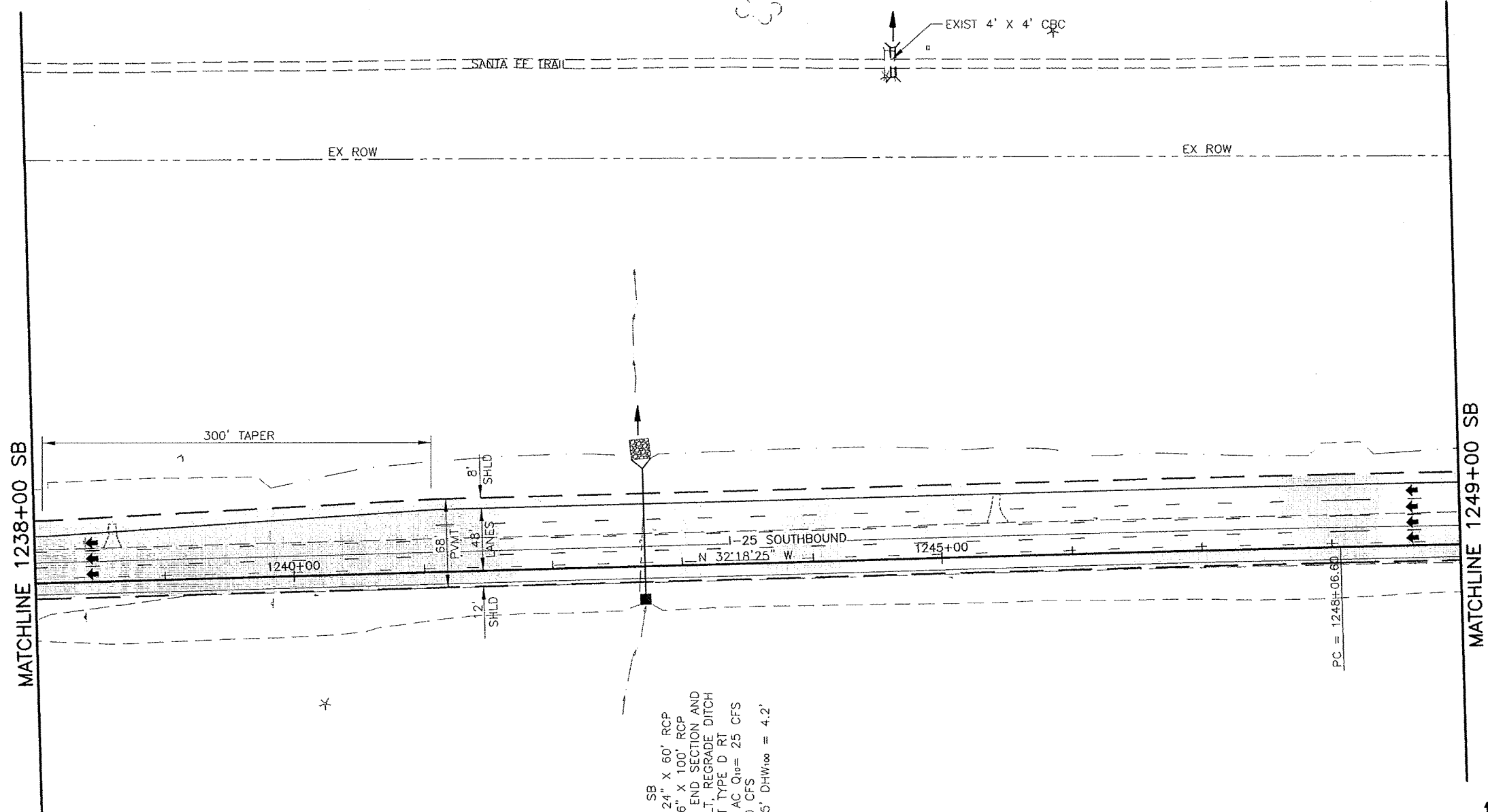
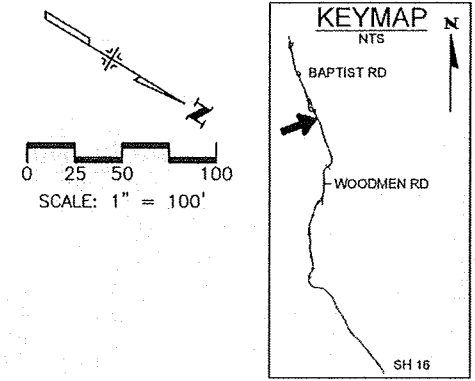
WILSON & COMPANY
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Computer File Information			Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/12/01	Initials: MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		1240+00 NB to 1250+50 NB		C 0252-316	
Last Modification Date:	02/28/03	Initials: MAB	(R-)				Revised:		Designer: MAB		12210	
Full Path:	P:\983100913\ACAD\SHEETS		(R-)				Void:		Detailer: MAB		Sheet Number	
Drawing File Name:	RDPL76-85S.DWG		(R-)				Sheet Subset: ROADWAY		Subset Sheet: 83 NB of 113			
Acad Ver.	2000	Scale: As Shown	Units: English	(R-)								


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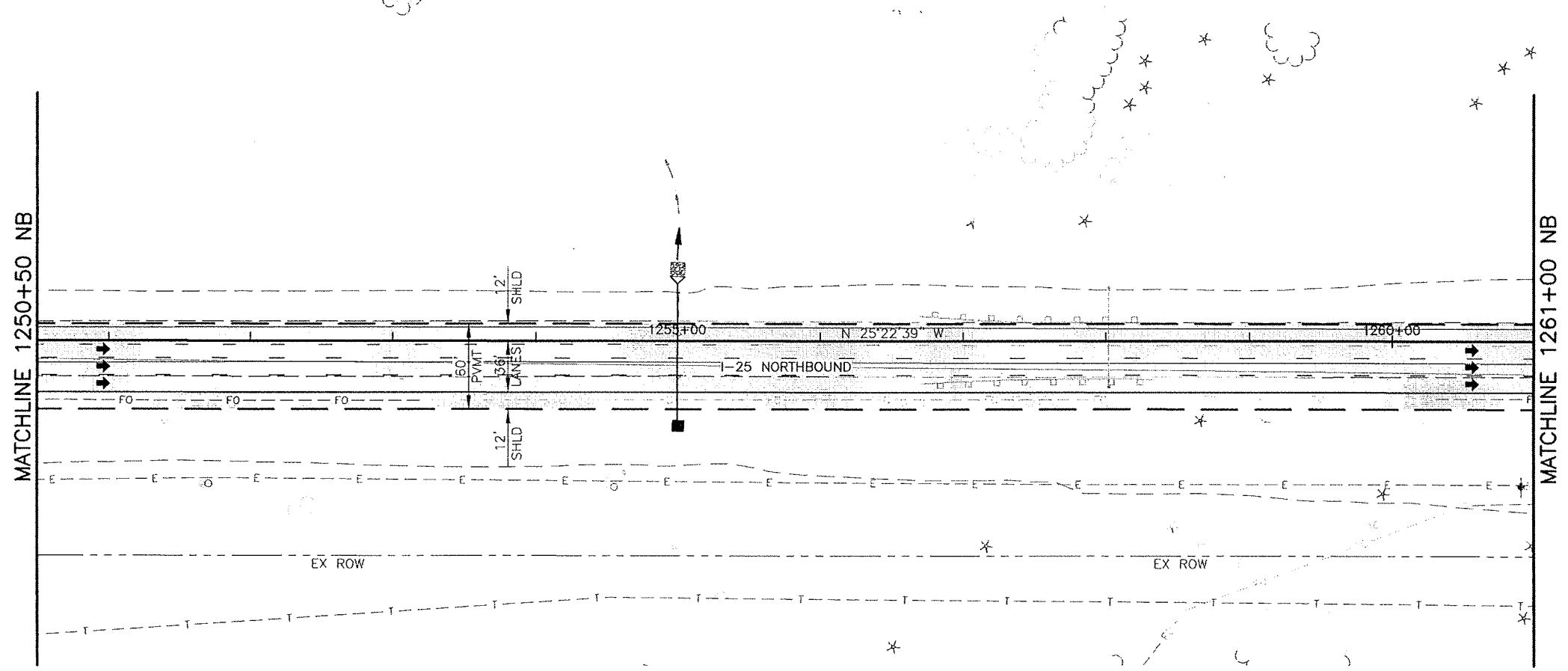
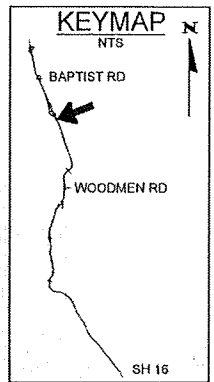
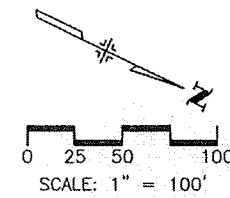
I-25 EA CONCEPTUAL DESIGN



1242+71 SB
 REMOVE 24" X 60' RCP
 REQ'D 36" X 100' RCP
 @ 1.0%, END SECTION AND
 RIPRAP LT, REGRADE DITCH
 LT, INLET TYPE D RT
 DA = 20 AC, Q₁₀ = 25 CFS
 Q₁₀₀ = 50 CFS
 AHW = 5' DHW₁₀₀ = 4.2'

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1238+00 SB to 1249+00 SB		Project No./Code	
Creation Date:	11/12/01	Initials:	MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:			C 0252-316	
Last Modification Date:	02/28/03	Initials:	MAB	(R-)			Revised:			12210	
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Drawing File Name:	RDPL76-85S.DWG			(R-)			Sheet Subset: ROADWAY		Subset Sheet: 83 SB of 113		
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF			



1255+00 NB
 REMOVE 24" X 75' RCP
 REQ'D 38" X 24" X 100' HERCP
 @ 1.0% END SECTION AND
 RIPRAP LT. REGRADE DITCH
 LT. INLET TYPE D RT
 DA= 10 AC Q₁₀= 10 CFS
 Q₁₀₀= 25 CFS
 AHW = 4' DRW₁₀₀ = 2.4'

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Computer File Information

Creation Date:	11/12/01	Initials:	MAK	(R-)	
Last Modification Date:	02/28/03	Initials:	MAB	(R-)	
Full Path:	P:\983100913\ACAD\SHEETS				
Drawing File Name:	RDPL76-85S.DWG				
Acad Ver.	2000	Scale:	As Shown	Units:	English

Sheet Revisions

(R-)			
(R-)			
(R-)			
(R-)			

Colorado Department of Transportation



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 Phone: (719) 634-2323 Fax: (719) 227-3298

Region 2

JFF

As Constructed

No Revisions:
Revised:
Void:

I-25 Roadway Plan
 1250+50 NB to 1261+00 NB

Designer:	MAB
Detailer:	MAB
Sheet Subset: ROADWAY	Subset Sheet: 84 NB of 113

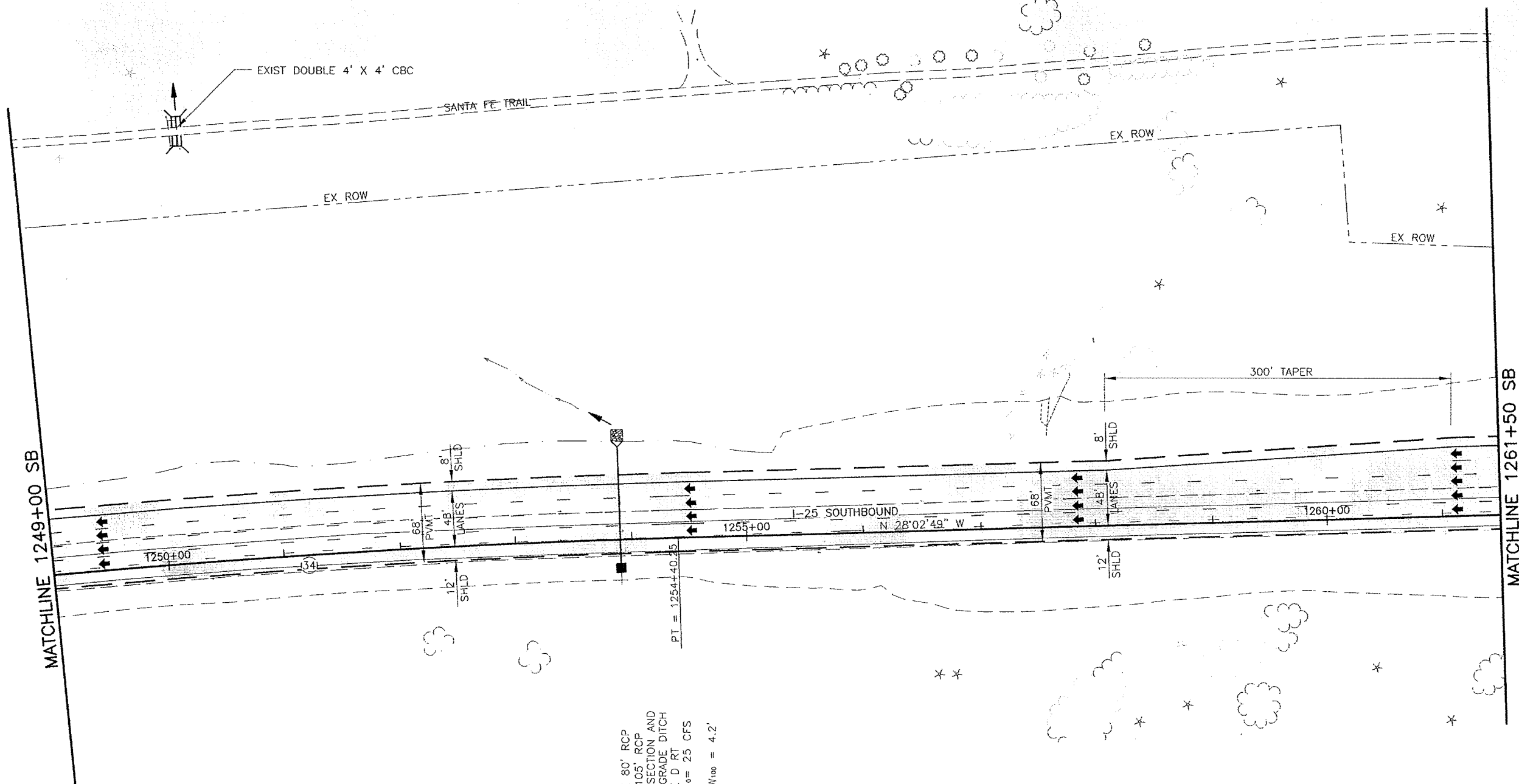
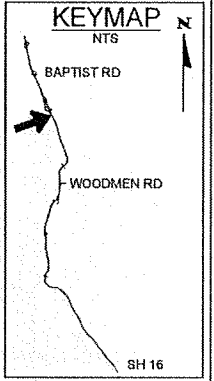
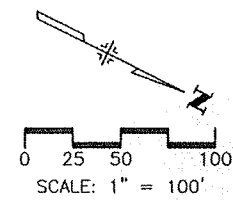
Project No./Code

C 0252-316
12210
Sheet Number

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I-25 EA CONCEPTUAL DESIGN

CURVE DATA								
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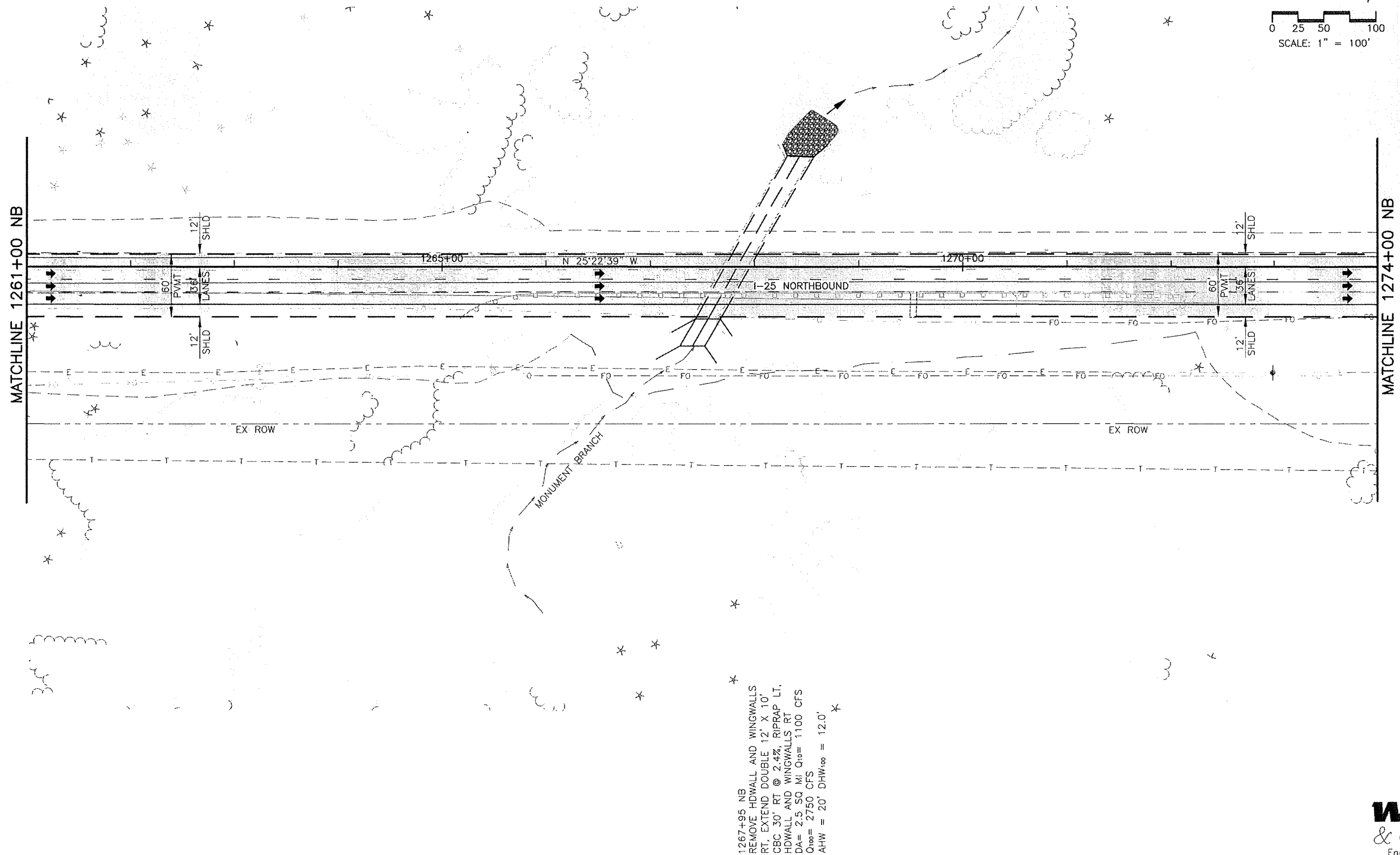
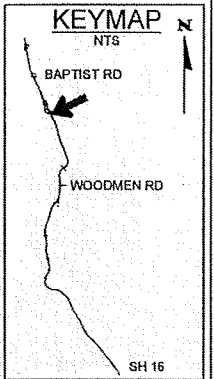
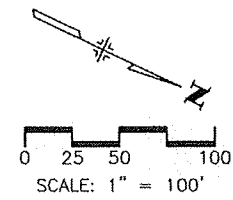
1253+90 SB
 REMOVE 24" X 80" RCP
 REQ'D 36" X 105" RCP
 @ 1.0% END SECTION AND
 RIPRAP LT. REGRADE DITCH
 LT. INLET TYPE D RT
 DA = 20 AC $C_{100} = 25$ CFS
 $C_{100} = 50$ CFS
 AHW = 5' $DHW_{100} = 4.2'$

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/12/01	Initials:	MAK (R-)	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		1249+00 SB to 1261+50 SB		C 0252-316	
Last Modification Date:	02/28/03	Initials:	MAB (R-)			Revised:		Designer: MAB		12210	
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Drawing File Name:	RDPL76-85S.DWG	Initials:	(R-)			Sheet Subset: ROADWAY		Subset Sheet: 84 SB of 113			
Acad Ver.	2000	Scale:	As Shown	Units:	English						

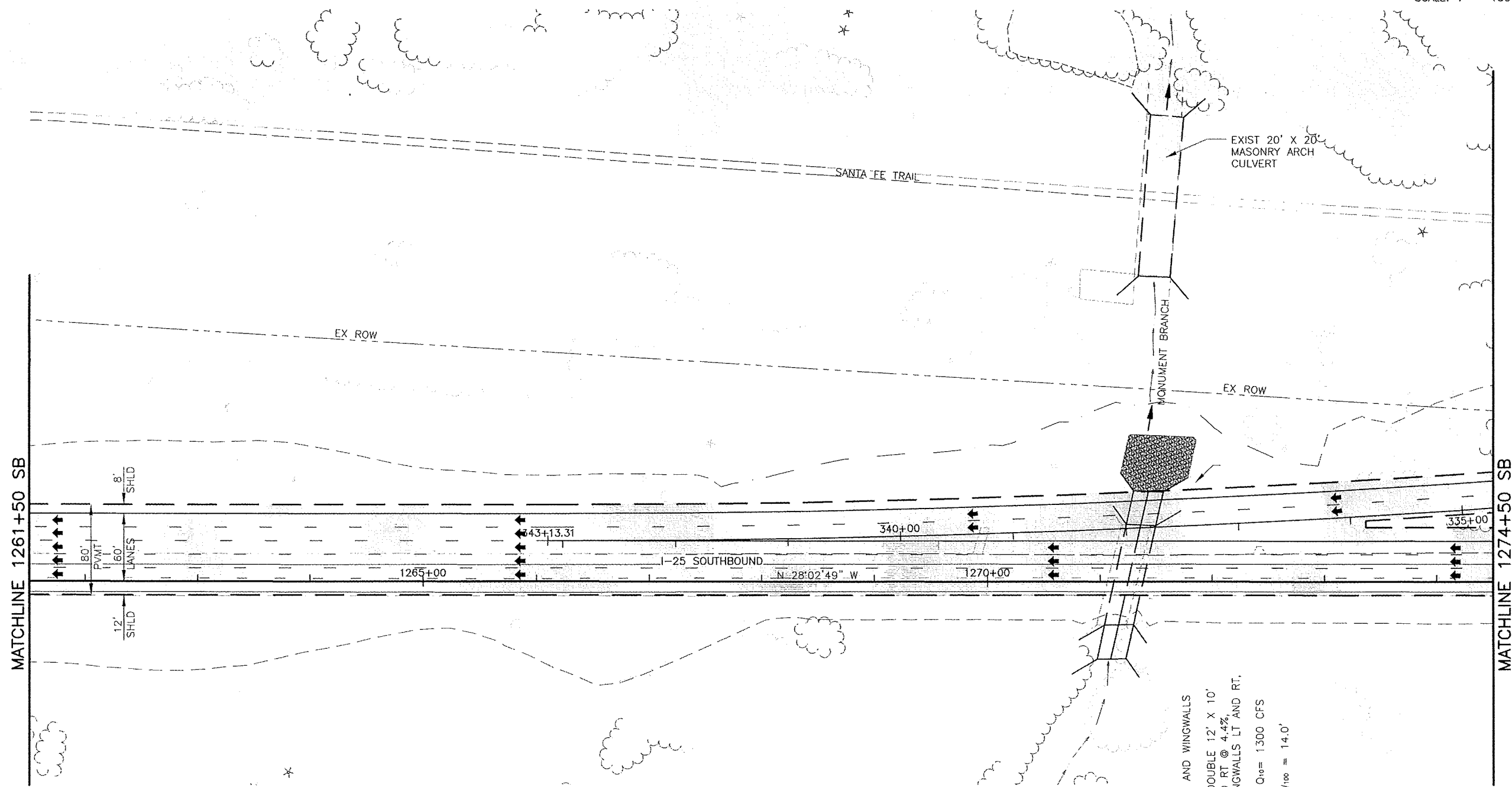
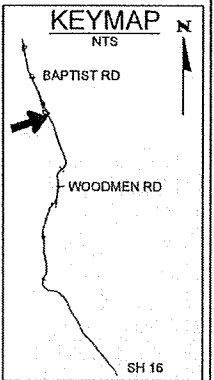
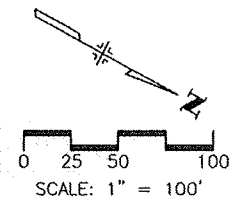
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I-25 EA CONCEPTUAL DESIGN



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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/12/01	Initials:	MAK	(R-)		No Revisions: Revised: Void:		1261+00 NB to 1274+00 NB		C 0252-316 12210	
Last Modification Date:	02/28/03	Initials:	MAB	(R-)							
Full Path:	P:\983100913\ACAD\SHEETS			(R-)							
Drawing File Name:	RDPL76-85S.DWG			(R-)							
Acad Ver.	2000	Scale:	As Shown	Units:	English	(R-)		Designer: MAB Detailer: MAB	Sheet Subset: ROADWAY Subset Sheet: 85 NB of 113	Sheet Number	
				Region 2		JFF					



1271+15 SB
 REMOVE HDWALL AND WINGWALLS
 LT AND RT
 REQ'D EXTEND DOUBLE 12' X 10'
 CBC 30' LT AND RT @ 4.4%
 HDWALL AND WINGWALLS LT AND RT.
 RIPRAP LT
 DA = 3.1 SQ MI Q₁₀₀ = 1300 CFS
 Q₁₀₀₀ = 3250 CFS
 AHW = 17' D_{HW100} = 14.0'

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Computer File Information

Creation Date:	11/12/01	Initials:	MAK
Last Modification Date:	02/28/03	Initials:	MAB
Full Path:	P:\983100913\ACAD\SHEETS		
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Acad Ver.	2000	Scale:	As Shown
		Units:	English

Sheet Revisions

(R-)			
(R-)			
(R-)			
(R-)			

Colorado Department of Transportation



1480 Quail Lake Loop - Suite A
 Colorado Springs, Colorado 80906
 Phone: (719) 634-2323 Fax: (719) 227-3298
 Region 2 JFF

As Constructed

No Revisions:	
Revised:	
Void:	

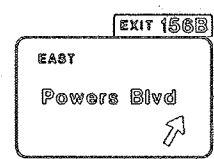
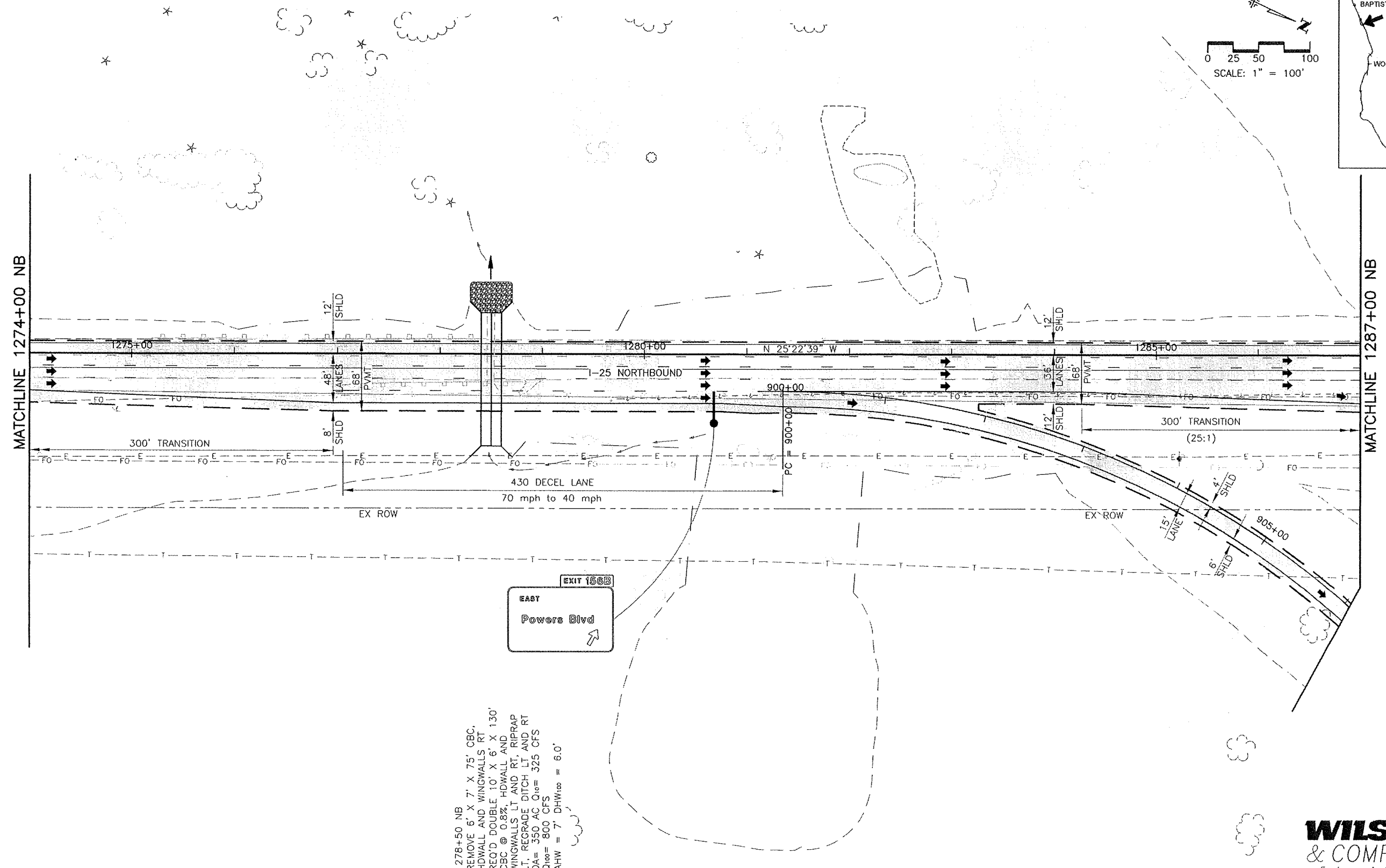
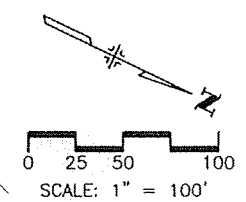
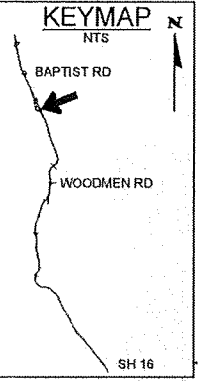
I-25 Roadway Plan

1261+50 SB to 1274+50 SB	
Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	85 SB of 113

Project No./Code

C 0252-316
12210
Sheet Number


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1278+50 NB
 REMOVE 6' X 7' X 75' CBC,
 HDWALL AND WINGWALLS RT
 REQ'D DOUBLE 10' X 6' X 130'
 CBC @ 0.8% HDWALL AND
 WINGWALLS LT AND RT, RIPRAP
 LT, REGRADE DITCH LT AND RT
 DA = 350 AC @ 0.325 CFS
 Q₁₀₀ = 800 CFS
 AHW = 7', DHW₁₀₀ = 6.0'

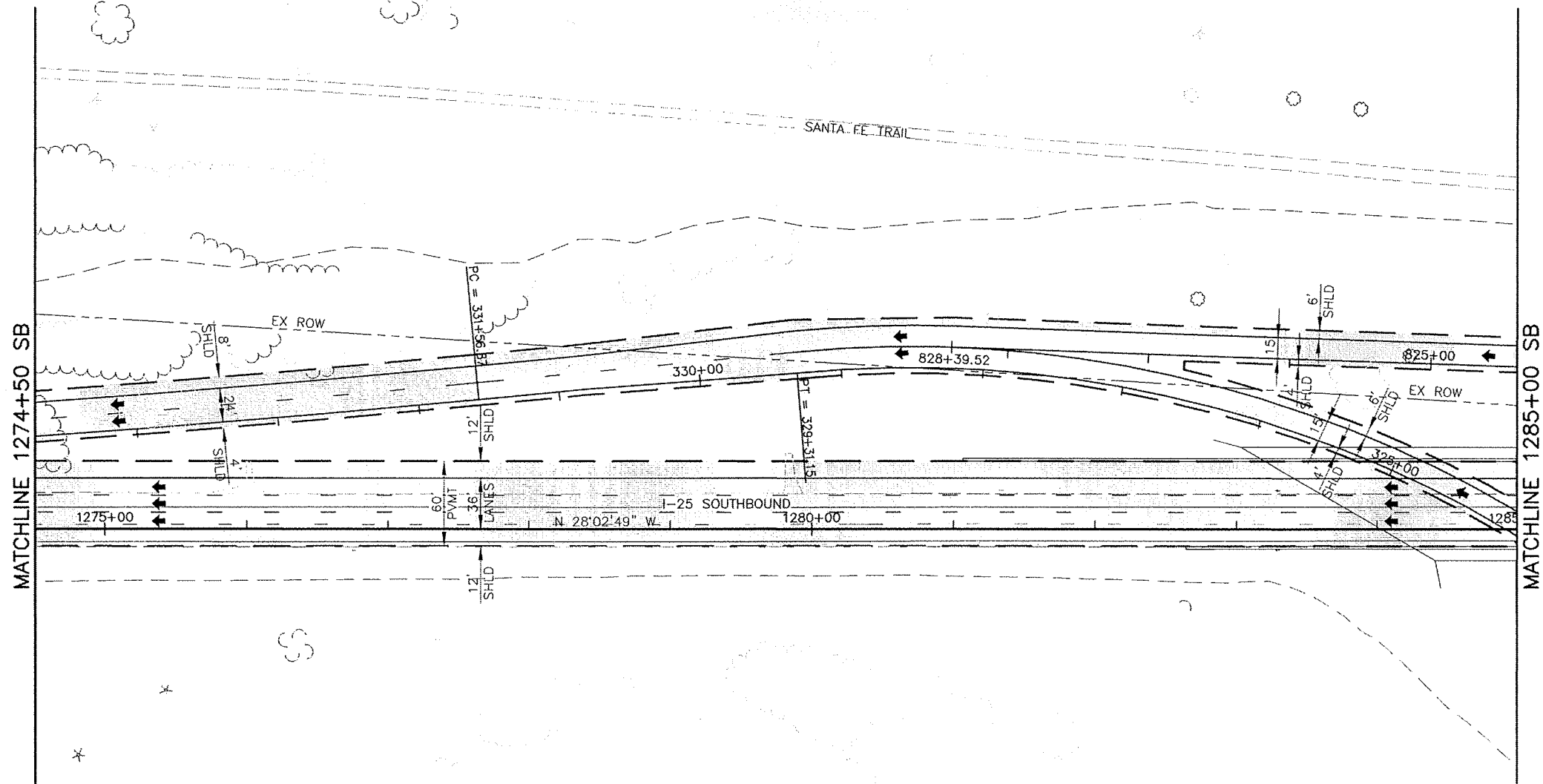
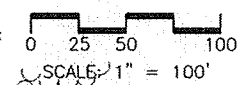
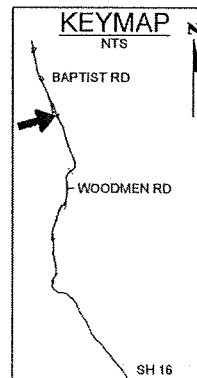
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/7/01	Initials:	MAK (R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		1274+00 NB to 1287+00 NB		C 0252-316	
Last Modification Date:	02/28/03	Initials:	MAB (R-)			Revised:		Designer: MAB		12210	
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Acad Ver.	2000	Scale:	As Shown	Units:		English					

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I-25 EA CONCEPTUAL DESIGN

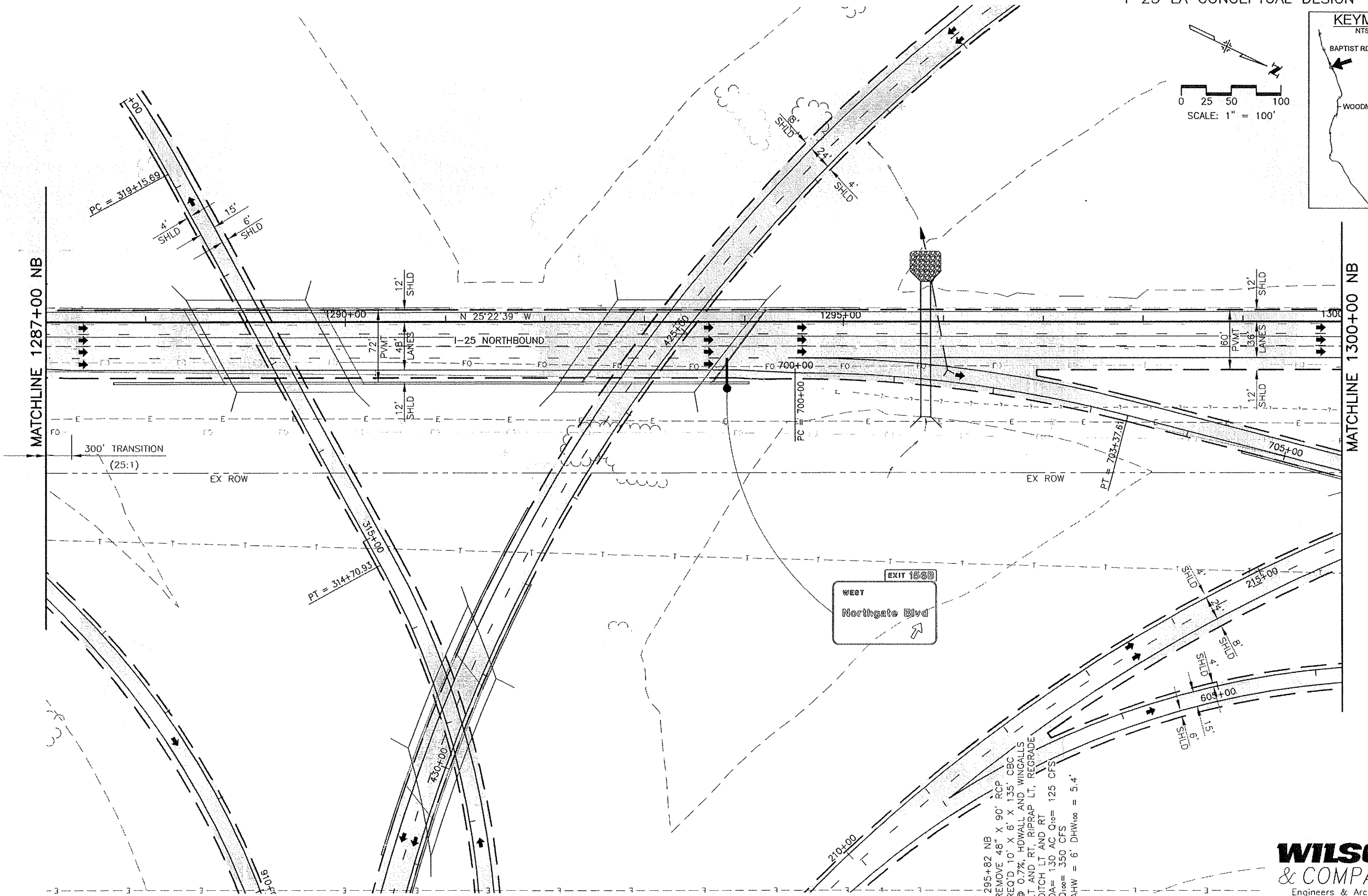
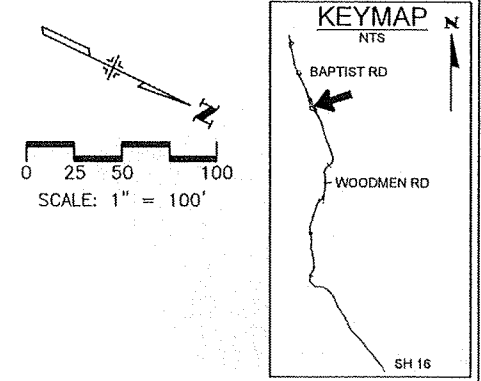


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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code		
Creation Date:	11/7/01	Initials:	MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:		1274+50 SB to 1285+00 SB		C 0252-316	
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Drawing File Name:	RDPL86N-90S.DWG			(R-)			Sheet Subset: ROADWAY		Subset Sheet: 86 SB of 113			
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region 2	JFF					

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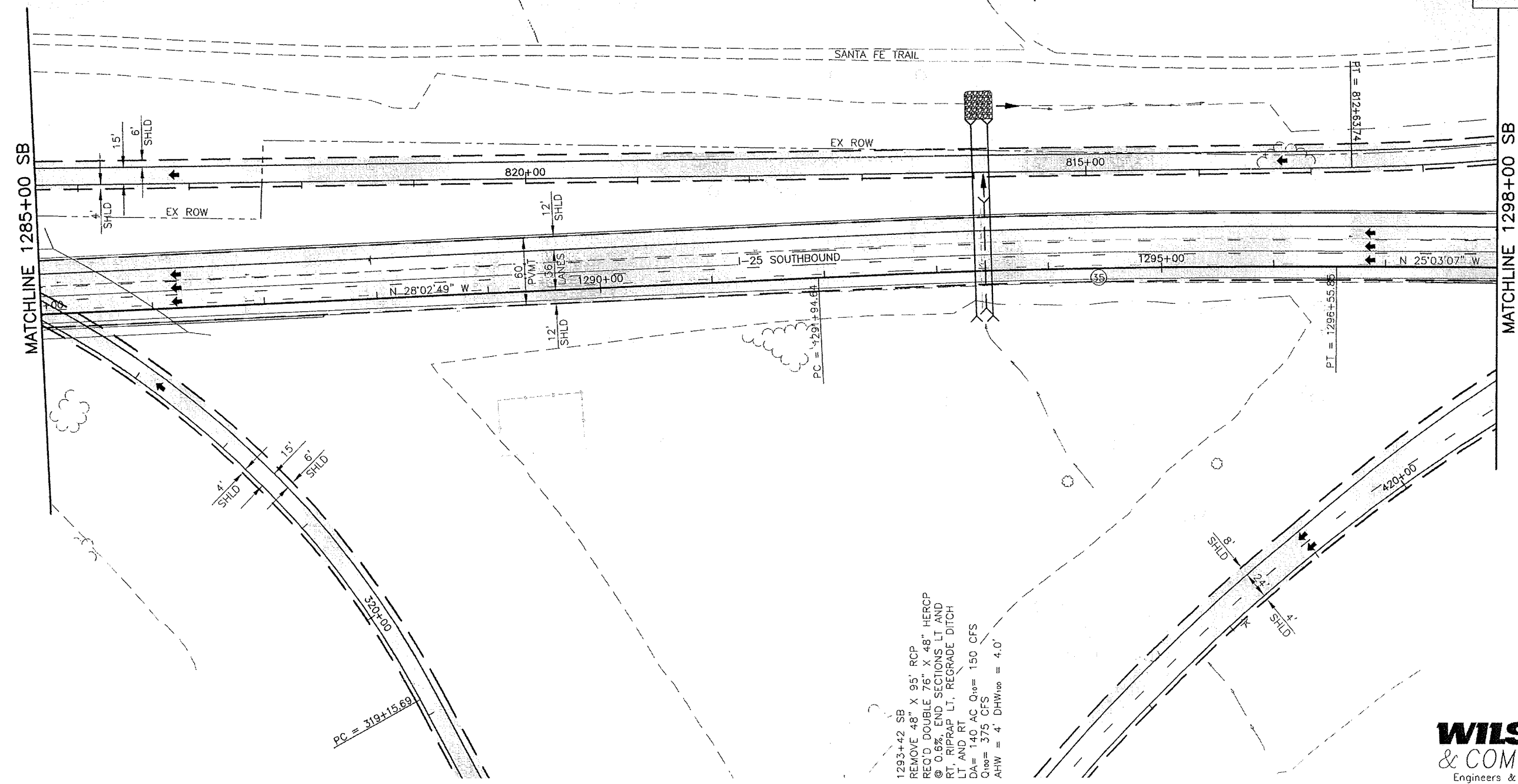
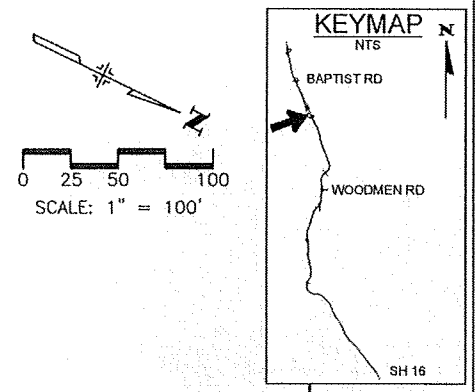
I-25 EA CONCEPTUAL DESIGN



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Computer File Information Creation Date: 11/6/01 Initials: MAK (R-) Last Modification Date: 02/28/03 Initials: MAB (R-) Full Path: P:\983100913\ACAD\SHEETS (R-) Drawing File Name: RDPL86N-90S.DWG (R-) Acad Ver. 2000 Scale: As Shown Units: English (R-)		Sheet Revisions <table border="1"> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>											Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		As Constructed No Revisions: Revised: Void:		I-25 Roadway Plan 1287+00 NB to 1300+00 NB Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 87 NB of 113		Project No./Code C 0252-316 12210 Sheet Number	


CURVE DATA								
CURVE NO.	Δ_c	D_c	R_c	L_c	T_c	e	MDS	SSD
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1293+42 SB
 REMOVE 48" X 95' RCP
 REQ'D DOUBLE 76" X 48" HERCP
 @ 0.6% END SECTIONS LT AND
 RT, RIPRAP LT, REGRADE DITCH
 LT AND RT
 DA = 140 AC $Q_{100} = 150$ CFS
 $Q_{100} = 375$ CFS
 AHW = 4' DHW₁₀₀ = 4.0'

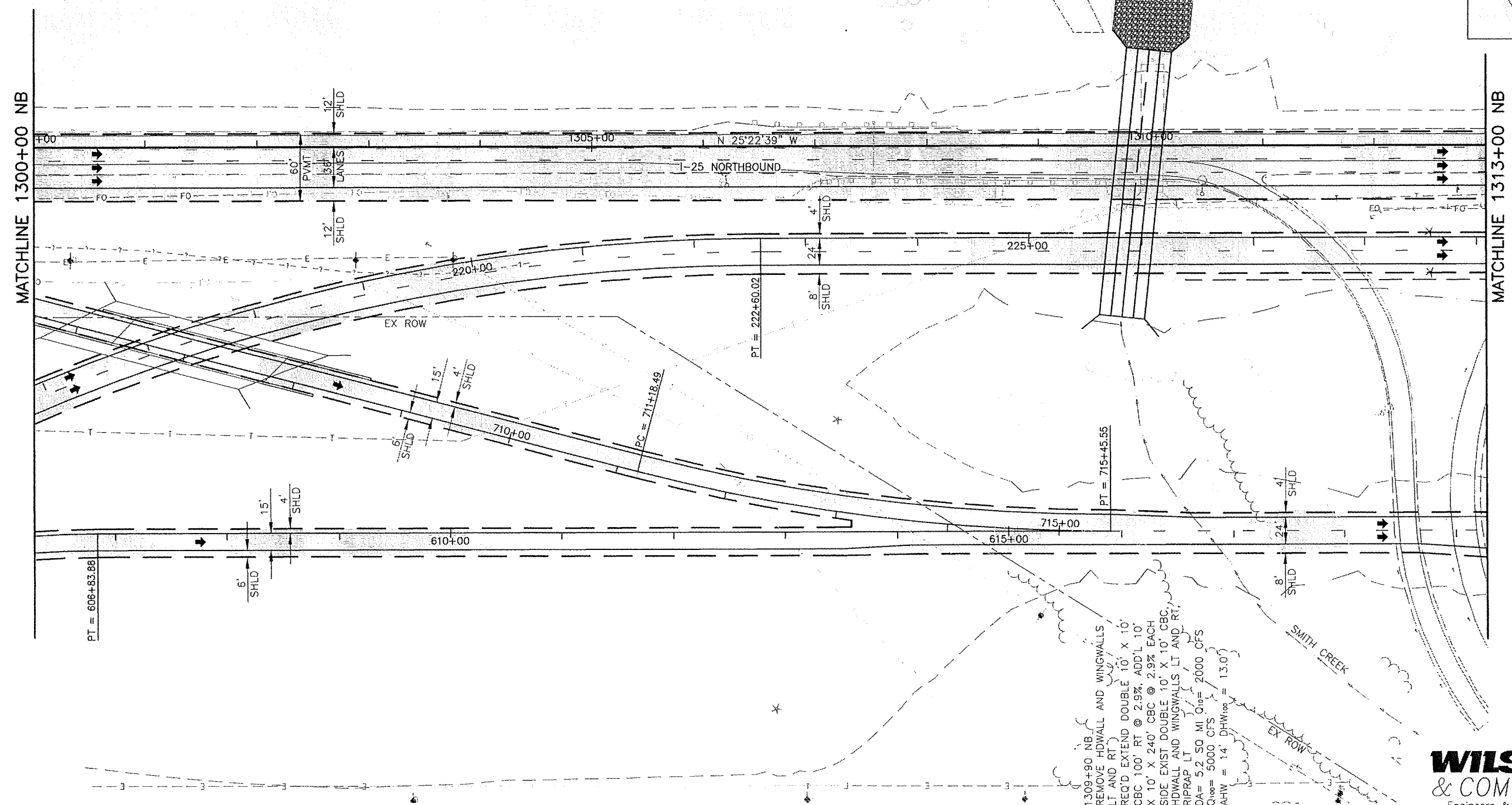
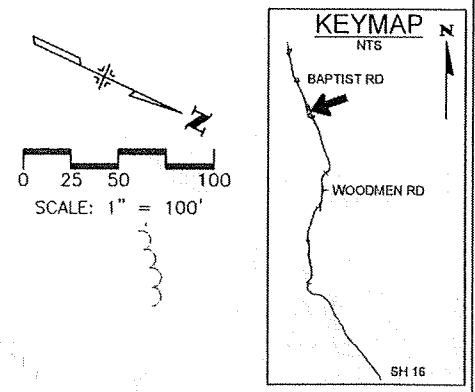


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(R-)																							
(R-)																							
(R-)																							
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I-25 EA CONCEPTUAL DESIGN

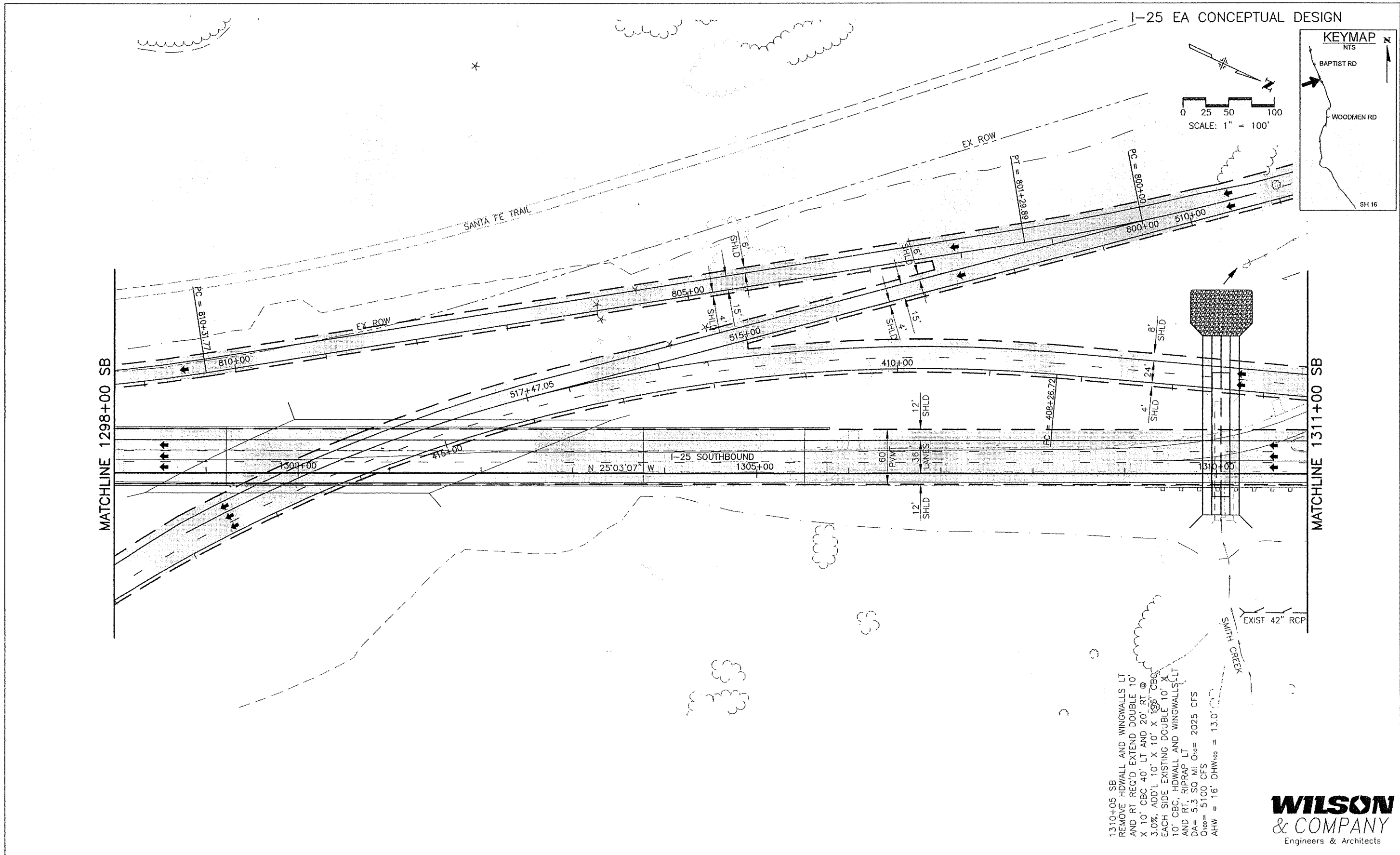


1309+90 NB
 REMOVE HDWALL AND WINGWALLS
 LT AND RT)
 REQ'D EXTEND DOUBLE 10' X 10'
 CBC 100' RT @ 2.9%, ADD 'L 10'
 X 10' X 240' CBC @ 2.9% EACH
 SIDE EXIST DOUBLE 10' X 10' CBC,
 HDWALL AND WINGWALLS LT AND RT,
 RIPRAP LT
 DA = 5.2 SQ MI Q₁₀₀ = 2000 CFS
 C₁₀₀ = 5000 CFS
 AHW = 14' D_{HW100} = 13.0'

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Computer File Information Creation Date: 11/6/01 Initials: MAK Last Modification Date: 02/28/03 Initials: MAB Full Path: P:\983100913\ACAD\SHEETS Drawing File Name: RDPL86N-90S.DWG Acad Ver. 2000 Scale: As Shown Units: English		Sheet Revisions <table border="1"> <tr><td>(R-)</td><td></td></tr> <tr><td>(R-)</td><td></td></tr> <tr><td>(R-)</td><td></td></tr> <tr><td>(R-)</td><td></td></tr> <tr><td>(R-)</td><td></td></tr> </table>		(R-)		(R-)		(R-)		(R-)		(R-)		Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		As Constructed No Revisions: Revised: Void:		I-25 Roadway Plan 1300+00 NB to 1313+00 NB Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 88 NB of 113		Project No./Code C 0252-316 12210 Sheet Number	
(R-)																					
(R-)																					
(R-)																					
(R-)																					
(R-)																					

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1310+05 SB
 REMOVE HDWALL AND WINGWALLS LT
 AND RT REQ'D EXTEND DOUBLE 10'
 X 10' CBC 40' LT AND 20' RT @
 3.0%, ADD 10' X 10' X 10' CBC
 EACH SIDE EXISTING DOUBLE 10' X
 10' CBC, HDWALL AND WINGWALLS LT
 AND RT, RIPRAP LT
 DA = 5.3 SO MI Q10 = 2025 CFS
 Q100 = 5100 CFS
 AHW = 16 DHW100 = 13.0'

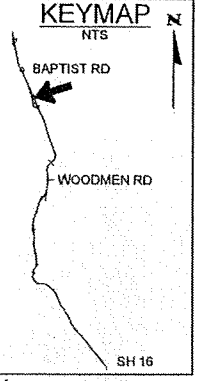
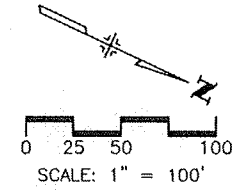
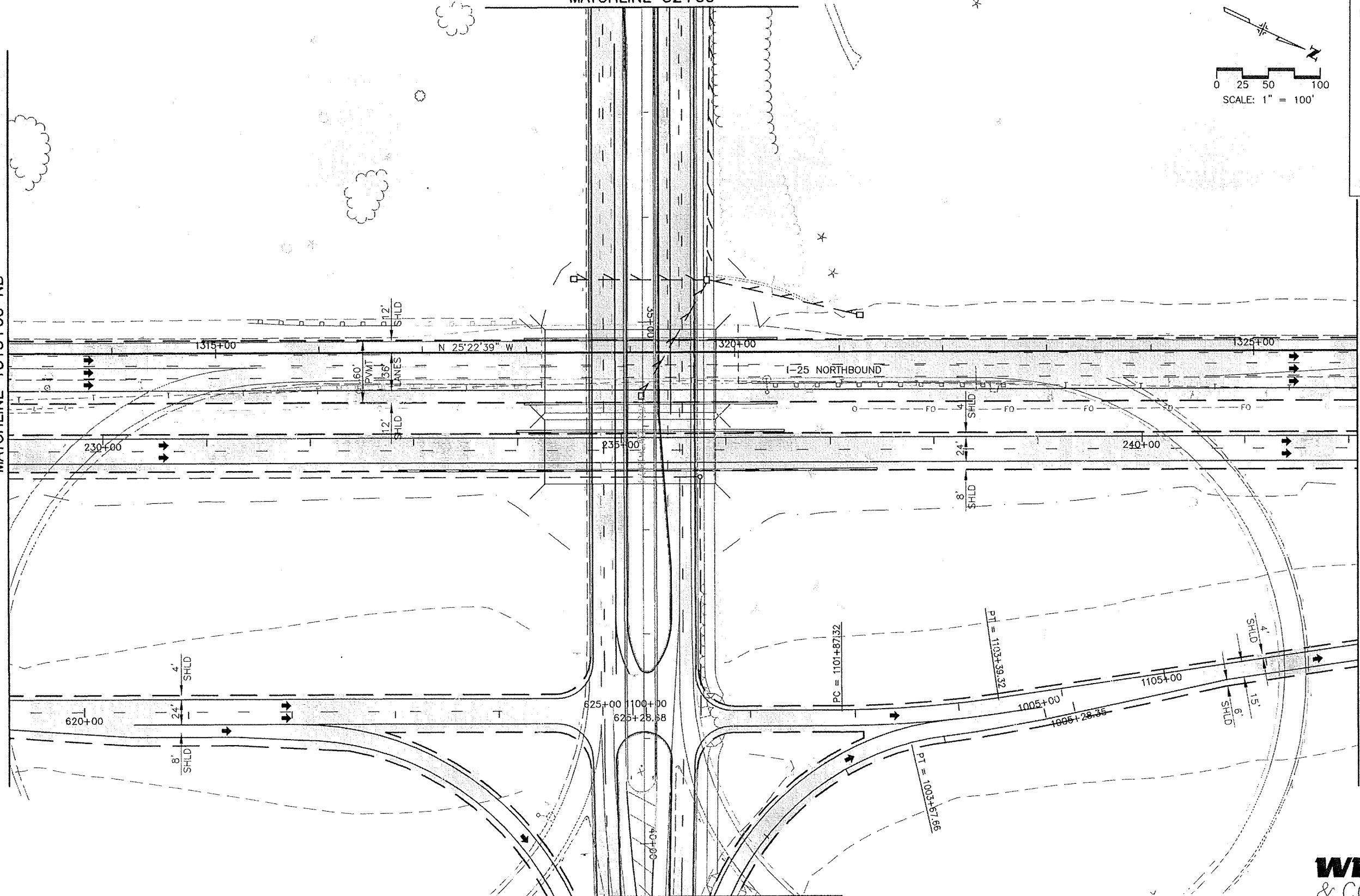
WILSON & COMPANY
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Computer File Information		Sheet Revisions		Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	As Constructed	I-25 Roadway Plan 1298+00 SB to 1311+00 SB	Project No./Code
Creation Date: 11/6/01	Initials: MAK (R-)				No Revisions:		Designer: MAB Detailer: MAB
Last Modification Date: 02/28/03	Initials: MAB (R-)			Revised:	Sheet Subset: ROADWAY	12210	
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MATCHLINE 32+50

MATCHLINE 1313+00 NB


MATCHLINE 1326+00 NB



MATCHLINE 40+50

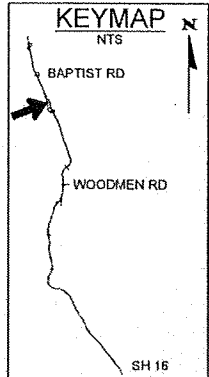
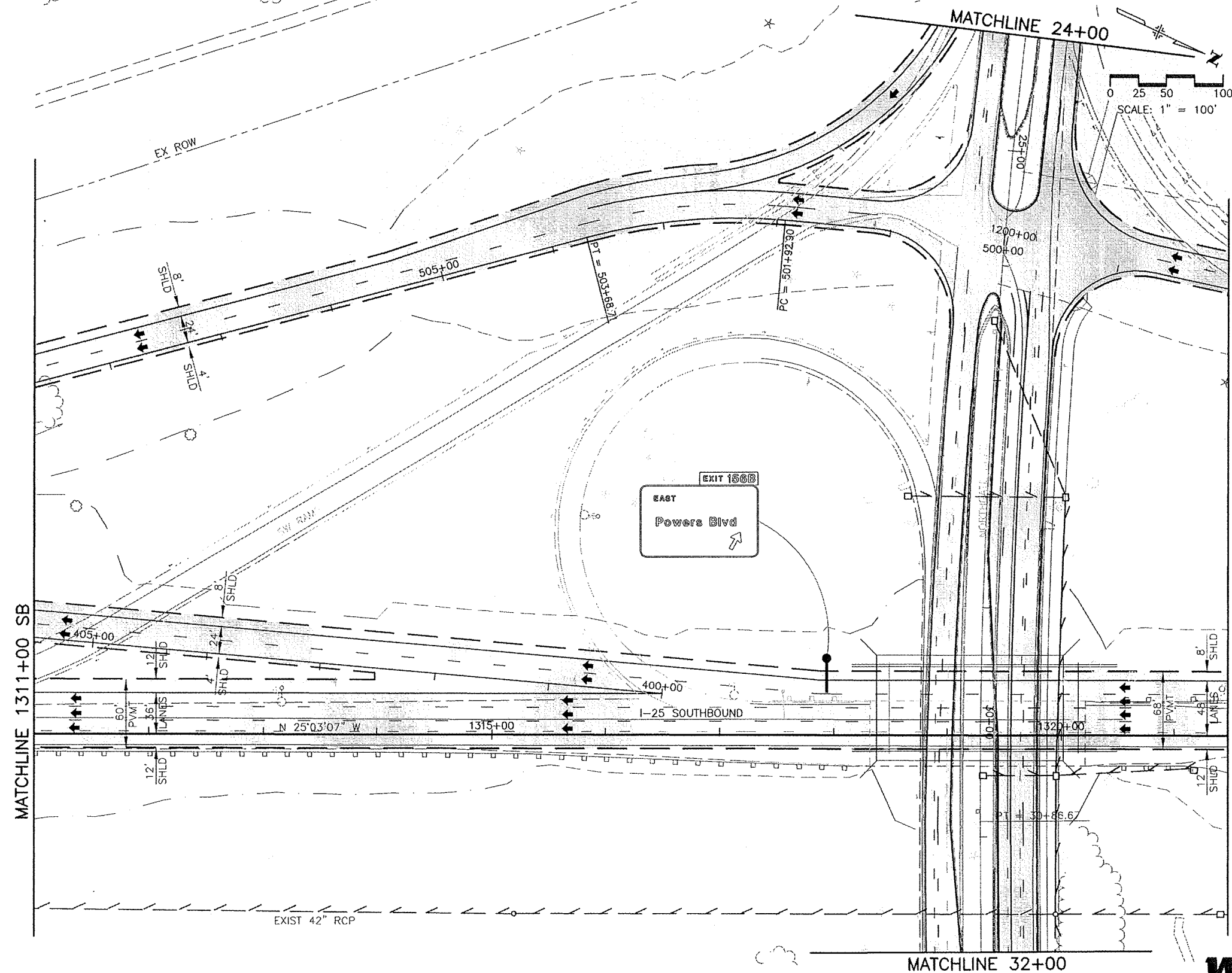
WILSON & COMPANY
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Computer File Information Creation Date: 11/6/01 Initials: MAK (R-) Last Modification Date: 02/28/03 Initials: MAB (R-) Full Path: P:\9831009\ACAD\SHEETS (R-) Drawing File Name: RDPL86N-90S.DWG (R-) Acad Ver. 2000 Scale: As Shown Units: English (R-)		Sheet Revisions <table border="1"> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>											Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		As Constructed No Revisions: Revised: Void:		I-25 Roadway Plan 1313+00 NB to 1326+00 NB Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 89 NB of 113		Project No./Code C 0252-316 12210 Sheet Number	

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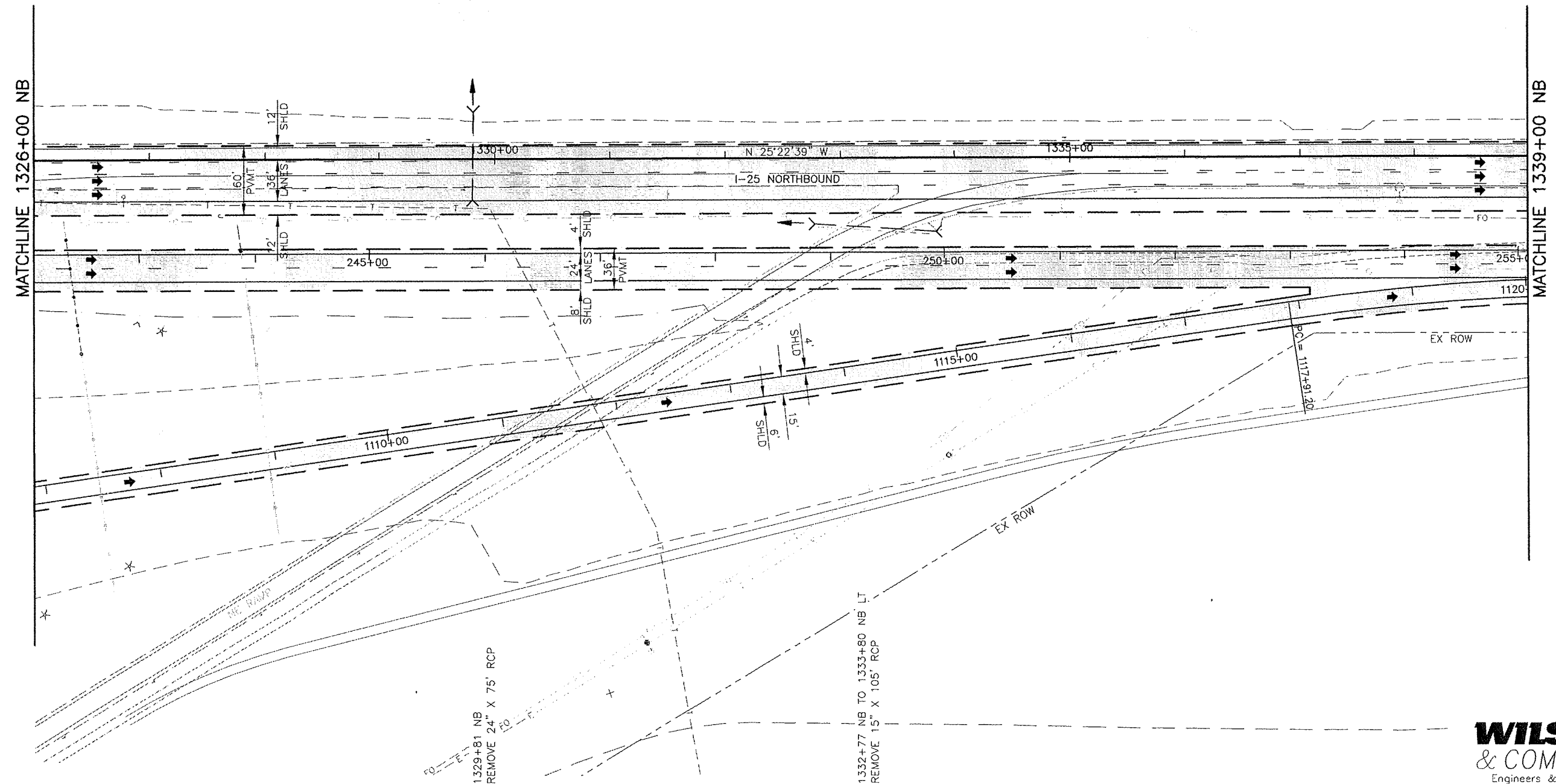
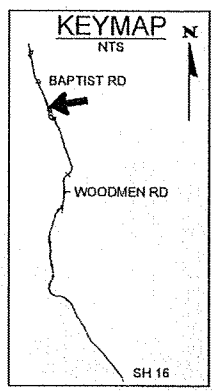
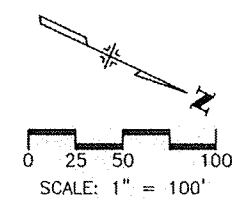
I-25 EA CONCEPTUAL DESIGN



0 25 50 100
SCALE: 1" = 100'


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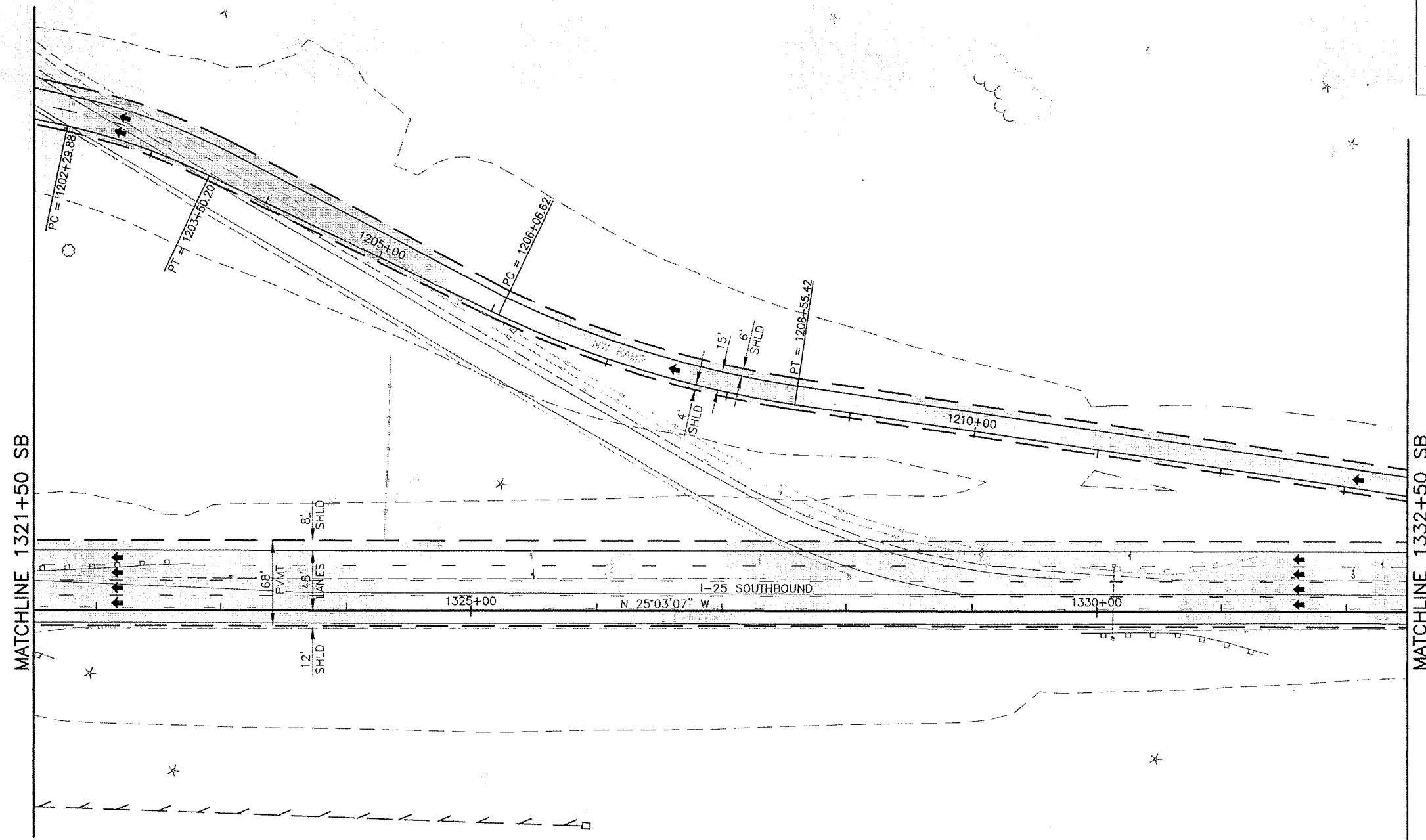
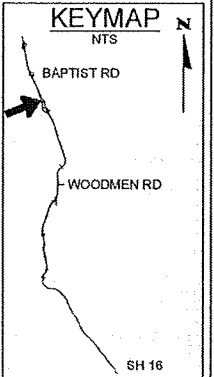
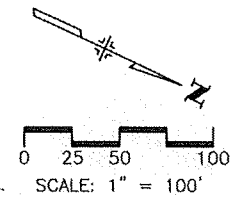
Computer File Information		Sheet Revisions		Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	As Constructed No Revisions: Revised: Void:	I-25 Roadway Plan 1311+00 SB to 1321+50 SB		Project No./Code C 0252-316 12210 Sheet Number
Creation Date: 11/6/01	Initials: MAK (R-)						Designer: MAB	
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Acad Ver. 2000	Scale: As Shown	Units: English	(R-)					



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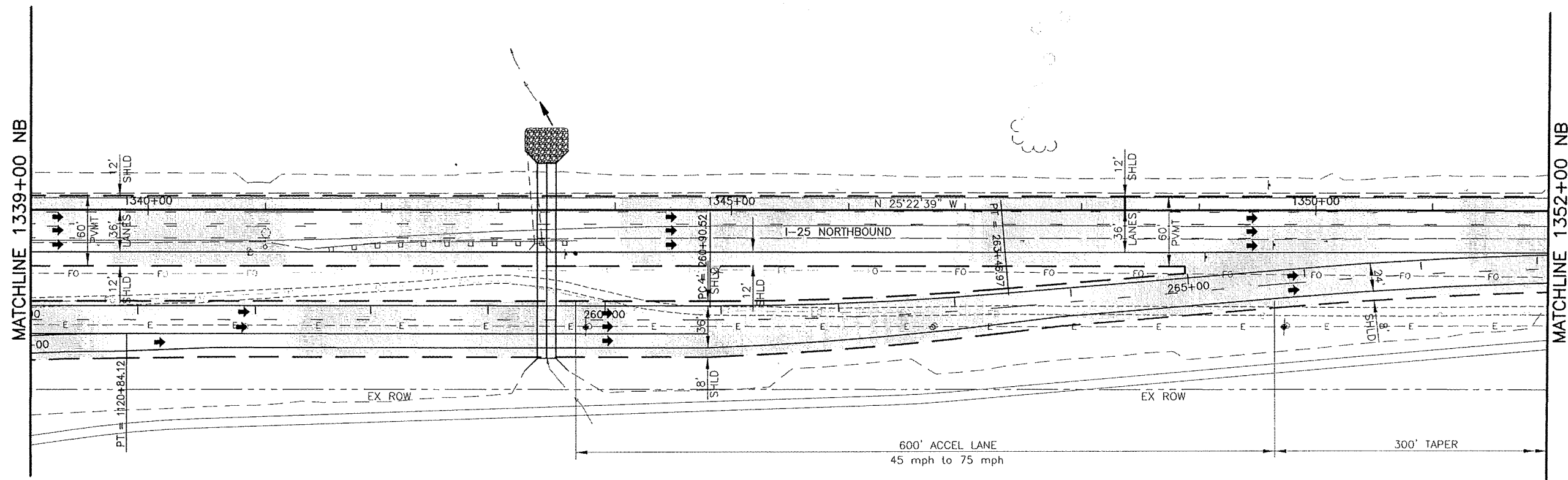
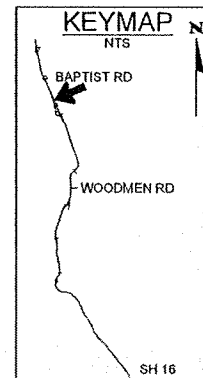
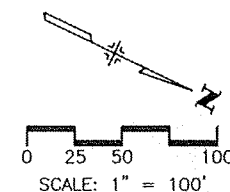
Computer File Information		Sheet Revisions		Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	As Constructed	I-25 Roadway Plan 1326+00 NB to 1339+00 NB	Project No./Code
Creation Date: 11/6/01	Initials: MAK (R-)		No Revisions:		C 0252-316		
Last Modification Date: 02/28/03	Initials: MAB (R-)		Revised:		12210		
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Acad Ver. 2000	Scale: As Shown	Units: English	(R-)		Sheet Subset: ROADWAY	Subset Sheet: 90 NB of 113	Sheet Number



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Computer File Information		Sheet Revisions		<p>Colorado Department of Transportation 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298</p> <p>Region 2 JFF</p>	As Constructed	I-25 Roadway Plan		Project No./Code
Creation Date: 11/6/01	Initials: MAK	(R-)			No Revisions:	1321+50 SB to 1332+50 SB		C 0252-316
Last Modification Date: 02/28/03	Initials: MAB	(R-)			Revised:	Designer: MAB		12210
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Acad Ver. 2000	Scale: As Shown	Units: English	(R-)					


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1343+41 NB
 REMOVE 6' X 7' X 75' CBC,
 HDWALL AND WINGWALLS RT,
 REQ'D DOUBLE 8' X 6' X 167' CBC
 @ 0.7%, HDWALLS AND WINGWALLS
 LT AND RT, RIPRAP LT, REGRADE
 DITCH LT AND RT, REALIGN TRAIL RT
 DA = 310 AC Q₁₀ = 300 CFS
 Q₁₀₀ = 750 CFS
 AHW = 7' DHW₁₀₀ = 6.6'

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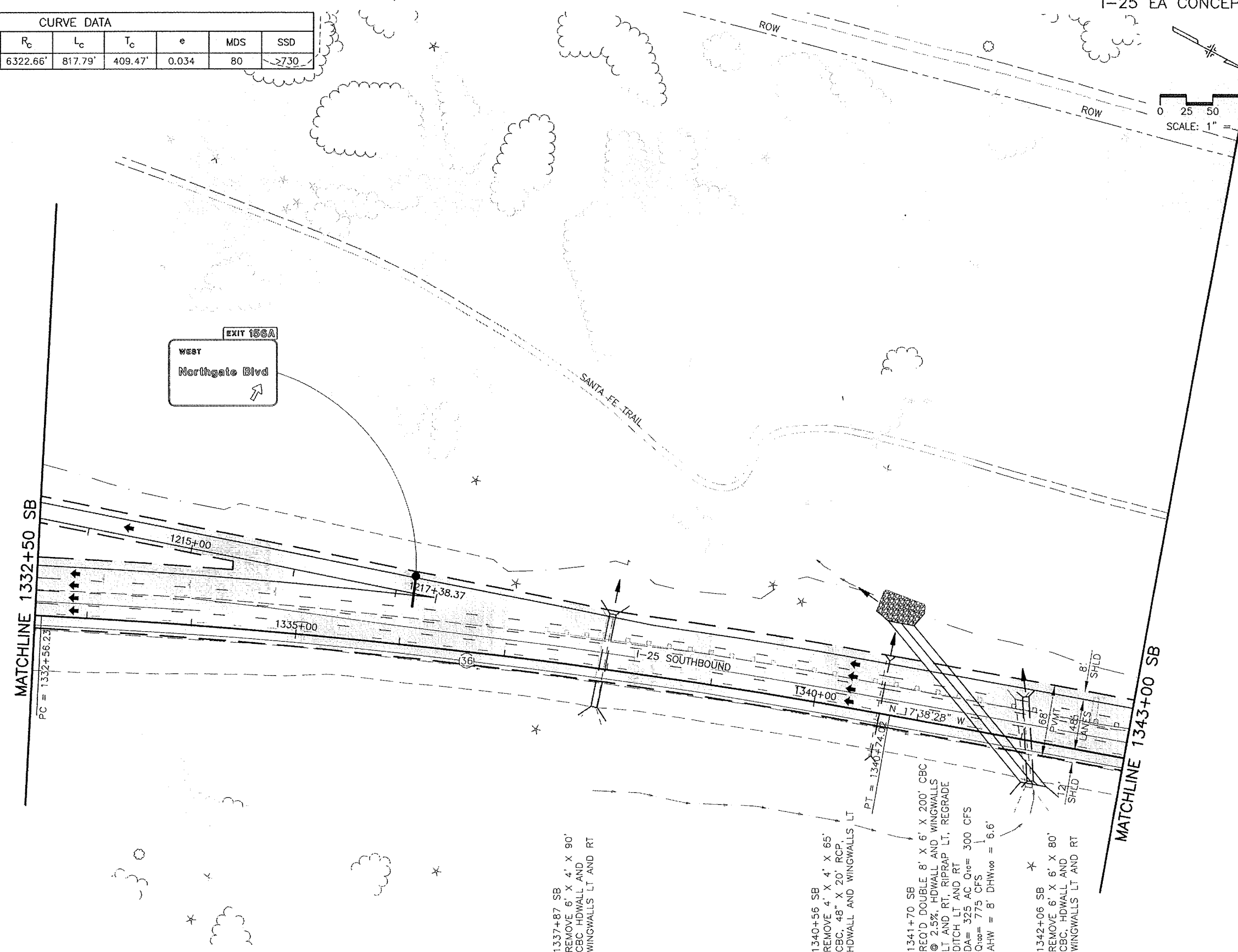
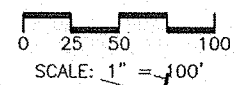
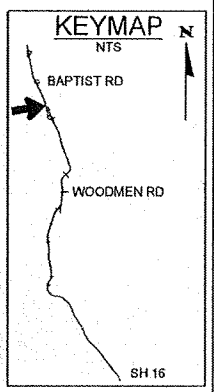
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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1339+00 NB to 1352+00 NB		Project No./Code	
Creation Date:	11/12/01	Initials:	MAK (R-)			 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:	1339+00 NB to 1352+00 NB		C 0252-316	
Last Modification Date:	01/30/03	Initials:	MAB (R-)				Revised:	Designer:	MAB	12210	
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I-25 EA CONCEPTUAL DESIGN

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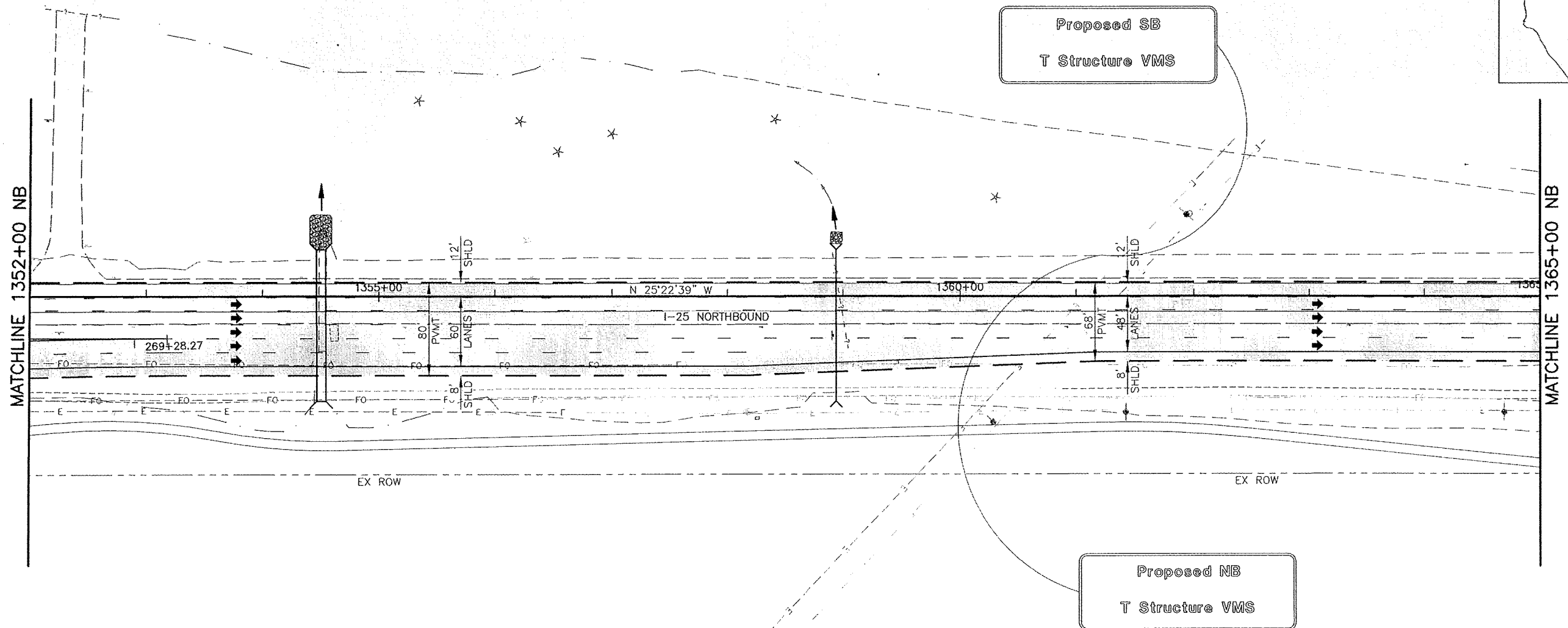
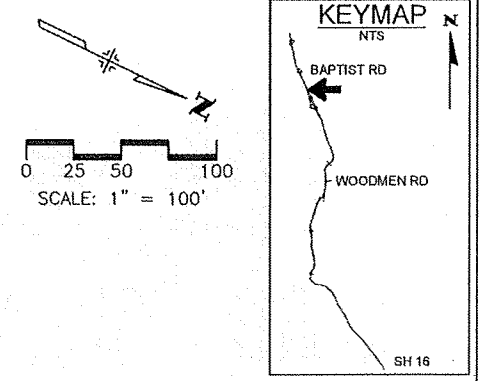


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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan		Project No./Code	
Creation Date:	11/12/01	Initials:	MAK			1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298		1332+50 SB to 1343+00 SB		C 0252-316	
Last Modification Date:	01/30/03	Initials:	MAB			Region 2		Designer: MAB		12210	
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I-25 EA CONCEPTUAL DESIGN



1354+50 NB
REMOVE 6' X 7' X 105' CBC,
HDWALL AND WINGWALLS RT
REQ'D 8' X 6' X 130' CBC
@ 1.5% HDWALL AND WINGWALLS
LT AND RT, RIPRAP LT, REALIGN
TRAIL RT
DA = 200 AC Q₁₀₀ = 200 CFS
Q₁₀₀ = 500 CFS
AHW = 10' DHW₁₀₀ = 8.4'

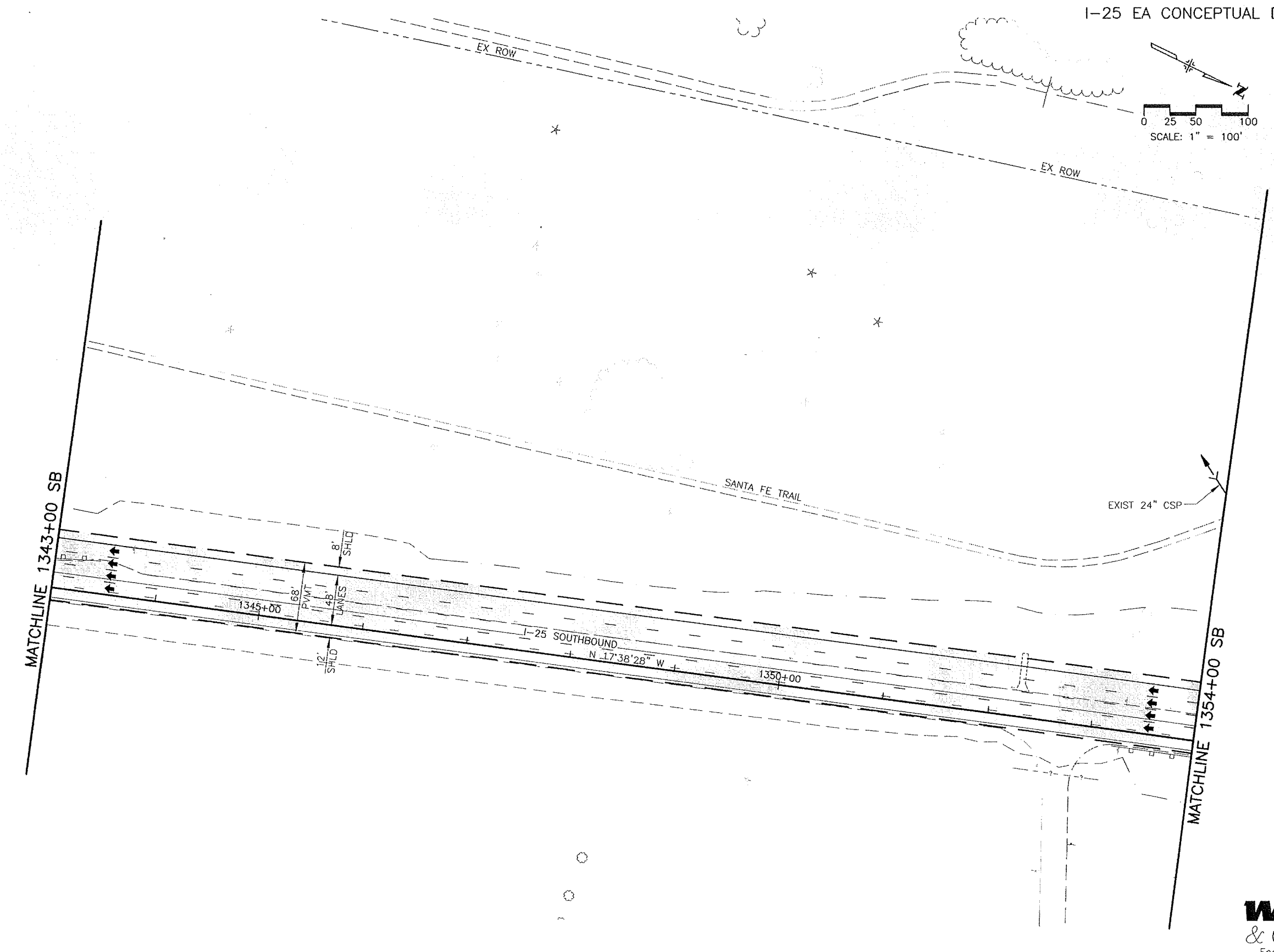
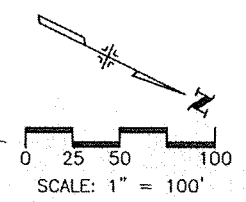
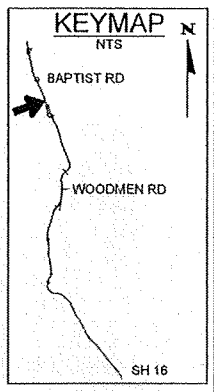
1358+94 NB
REMOVE 36" X 95' RCP
REQ'D 45" X 29" X 130' HERCP
@ 0.8% END SECTIONS LT AND
RT, RIPRAP LT, REGRADE DITCH LT
Q₁₀₀ = 50 CFS
Q₁₀₀ = 50 CFS
AHW = 4' DHW₁₀₀ = 3.4'

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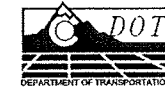
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Creation Date:	11/12/01	Initials:	MAK			1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298		1352+00 NB to 1365+00 NB		C 0252-316	
Last Modification Date:	01/30/03	Initials:	MAB			Region 2		JFF		12210	
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I-25 EA CONCEPTUAL DESIGN

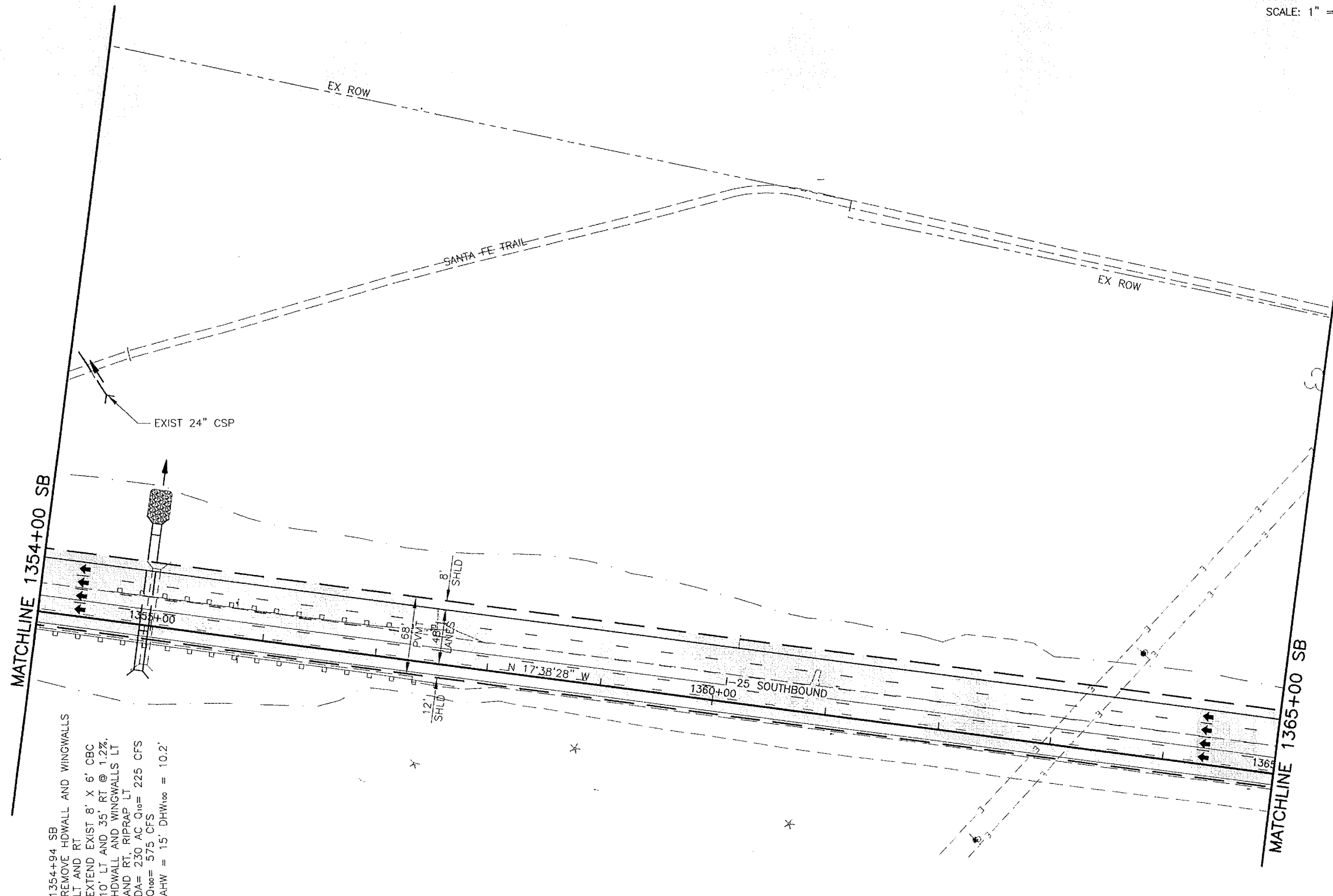
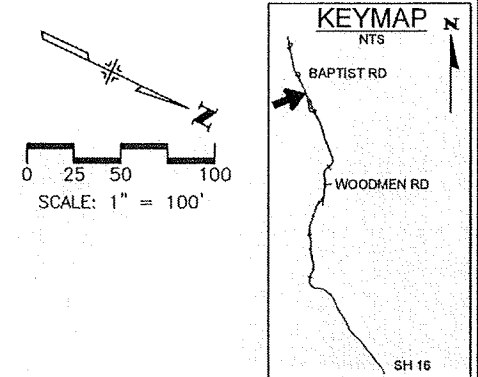


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Computer File Information		Sheet Revisions		 Colorado Department of Transportation 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	As Constructed	I-25 Roadway Plan 1343+00 SB to 1354+00 SB		Project No./Code
Creation Date: 11/12/01	Initials: MAK (R-)				No Revisions:			C 0252-316
Lost Modification Date: 01/30/03	Initials: MAB (R-)				Revised:	Designer: MAB		12210
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Drawing File Name: RDPL91N-95.DWG	(R-)					Sheet Subset: ROADWAY	Subset Sheet: 92 SB of 113	Sheet Number
Acad Ver. 2000	Scale: As Shown	Units: English	(R-)					


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I-25 EA CONCEPTUAL DESIGN

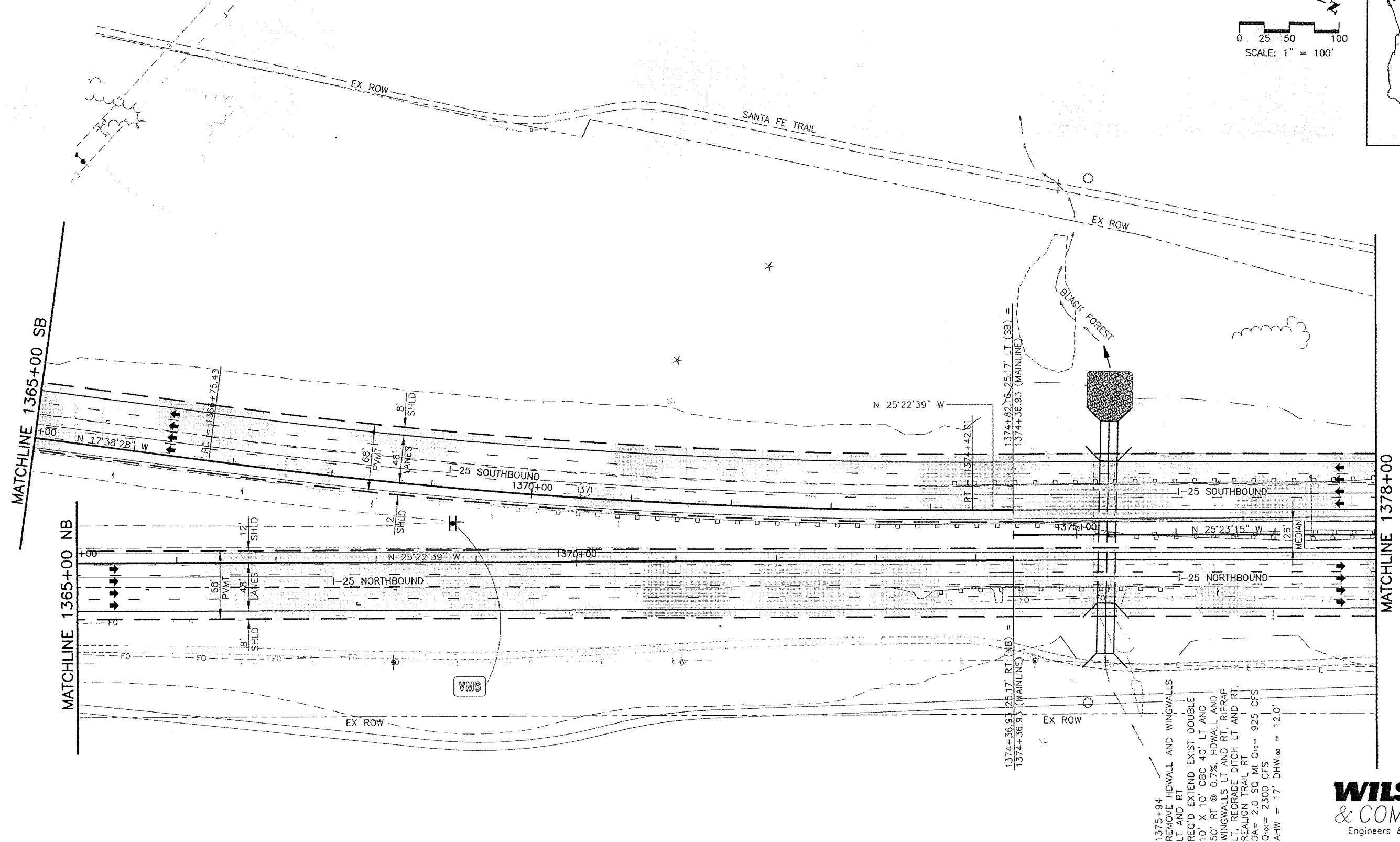
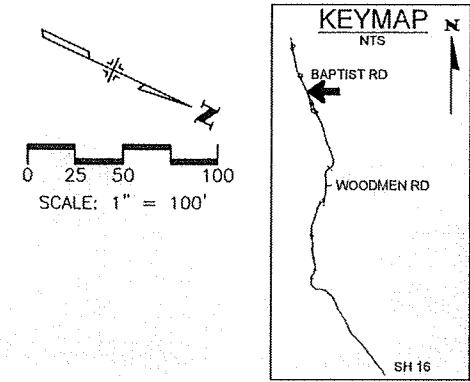


1354+94 SB
 REMOVE HDWALL AND WINGWALLS
 LT AND RT
 EXTEND EXIST 8' X 6' CBC
 10' LT AND 35' RT @ 1.2%
 HDWALL AND WINGWALLS LT
 AND RT, RIPRAP LT
 DA= 230 AC Q10= 225 CFS
 Q100= 575 CFS
 AHW = 15' DHW100 = 10.2'

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1354+00 SB to 1365+00 SB		Project No./Code	
Creation Date:	11/12/01	Initials:	MAK			 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:			C 0252-316	
Last Modification Date:	01/30/03	Initials:	MAB				Revised:			12210	
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Drawing File Name:	RDPL91N-95.DWG						Sheet Subset: ROADWAY		Subset Sheet: 93 SB of 113		
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF			

CURVE DATA								
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37	07°44'11"	01'00'33"	5677.33'	766.58'	383.87'	0.034	80	>910



1375+94 REMOVE HDWALL AND WINGWALLS LT AND RT
REQ'D EXTEND EXIST DOUBLE 10' X 10' CBC 40' LT AND 50' RT @ 0.7% HDWALL AND WINGWALLS LT AND RT, RIPRAP LT, REGRADE DITCH LT AND RT, REALIGN TRAIL RT
DA= 2.0 SQ MI Q₁₀₀= 925 CFS Q₁₀₀₀= 2300 CFS
AHW = 17' DHW₁₀₀ = 12.0'



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Sheet Revisions	
(R-)	
(R-)	
(R-)	
(R-)	

Colorado Department of Transportation
 1480 Quail Lake Loop - Suite A
 Colorado Springs, Colorado 80906
 Phone: (719) 634-2323 Fax: (719) 227-3298
 Region 2 JFF

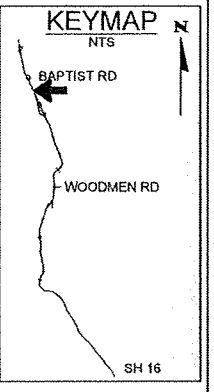
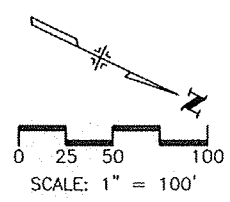
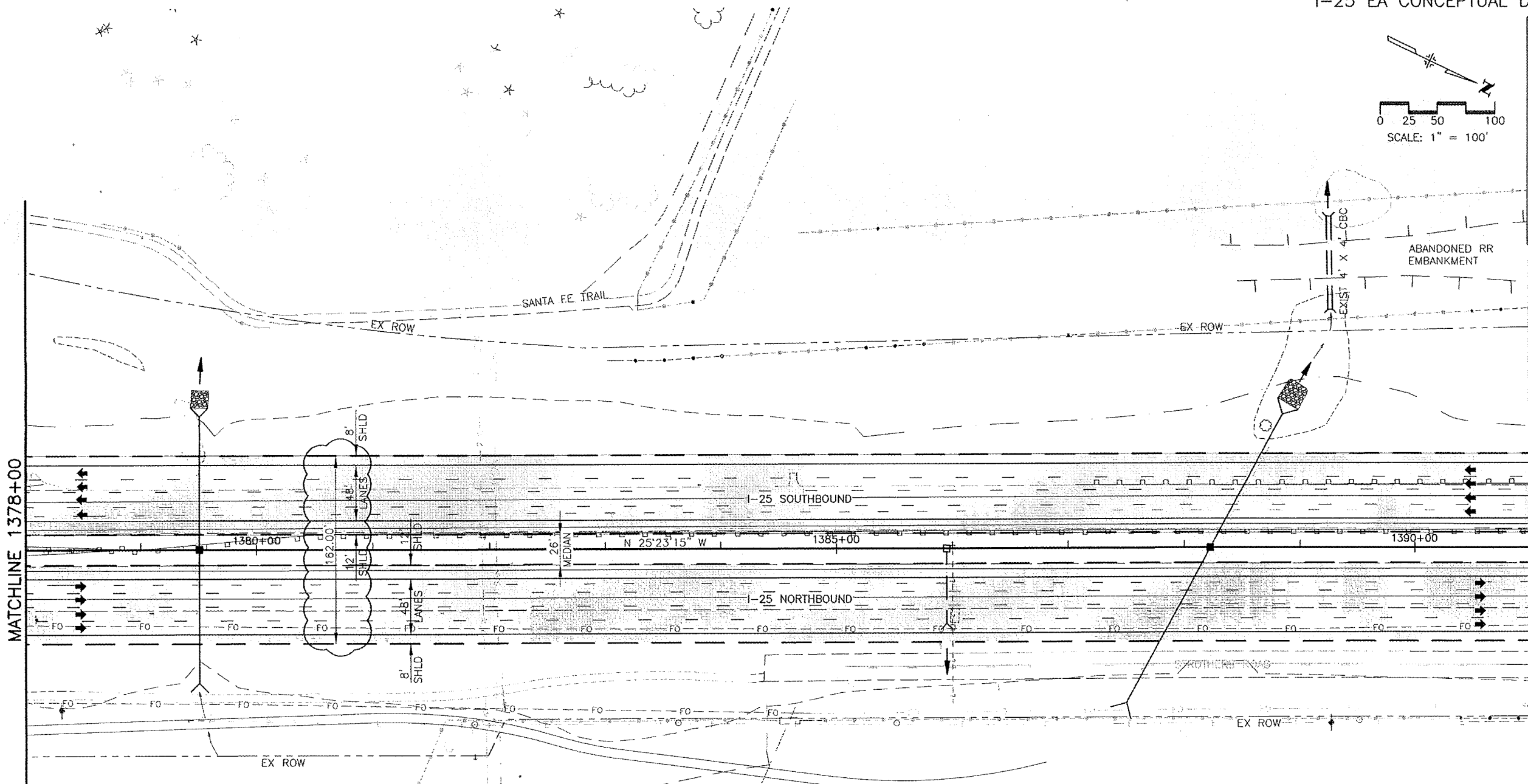
As Constructed
No Revisions:
Revised:
Void:

I-25 Roadway Plan 1365+00 to 1378+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	94 of 113

Project No./Code
C 0252-316
12210
Sheet Number

P:\9811000\ACAD\9811000\9811000-05.dwg, PLAN 95, 10/09/2003 04:33:03 P.M. jwells

I-25 EA CONCEPTUAL DESIGN



1379+50
 REMOVE 4' X 4' X 130' CBC,
 42" X 25' CSP, HDWALL AND
 WINGWALLS LT
 REQ'D 53" X 34" X 230' HERCP
 @ 1.7%, END SECTIONS LT AND
 RT, INLET TYPE C MEDIAN, RIPRAP
 LT, REGRADE DITCH RT, REALIGN
 TRAIL RT
 DA = 30 AC Q₁₀₀ = 35 CFS
 Q₁₀₀ = 75 CFS
 AHW = 5' DHW₁₀₀ = 3.9'

1385+95
 REMOVE 24" X 65' RCP,
 INLET

1378+23
 REMOVE 4' X 4' X 255' CBC,
 HDWALL AND WINGWALLS LT AND RT
 REQ'D 76" X 48" X 280' HERCP
 @ 0.7%, END SECTIONS LT AND
 RT, RIPRAP LT, INLET TYPE C (TRIPLE)
 MEDIAN, REGRADE DITCH LT
 DA = 50 AC Q₁₀₀ = 75 CFS
 Q₁₀₀ = 150 CFS
 AHW = 6' DHW₁₀₀ = 4.8'

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Computer File Information	
Creation Date: 11/12/01	Initials: MAK
Last Modification Date: 01/30/03	Initials: MAB
Full Path: P:\983100913\ACAD\SHEETS	
Drawing File Name: RDPL91N-95.DWG	
Acad Ver. 2000	Scale: As Shown
	Units: English

Sheet Revisions	
(R)	
(R)	
(R)	
(R)	
(R)	

Colorado Department of Transportation

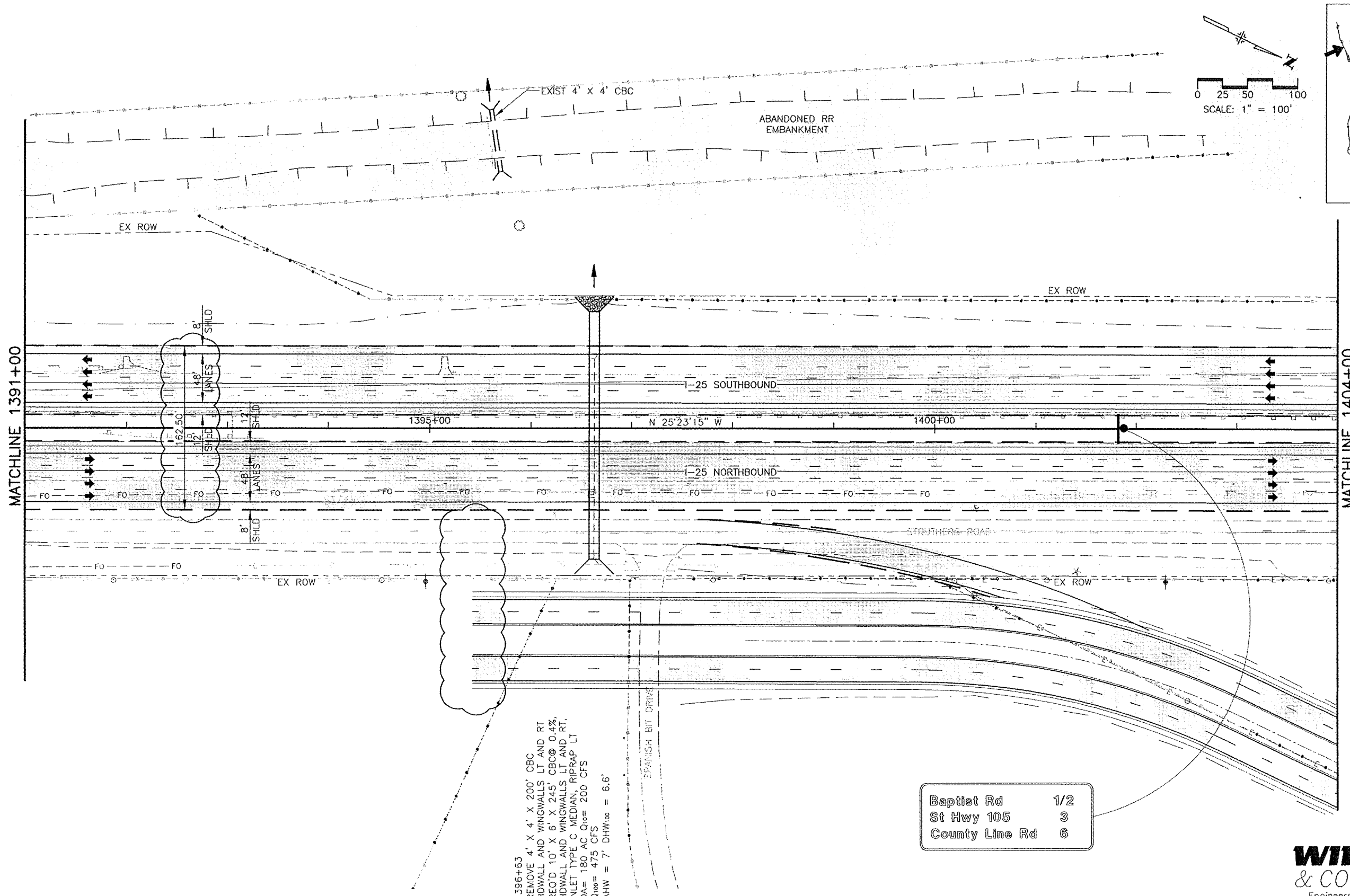
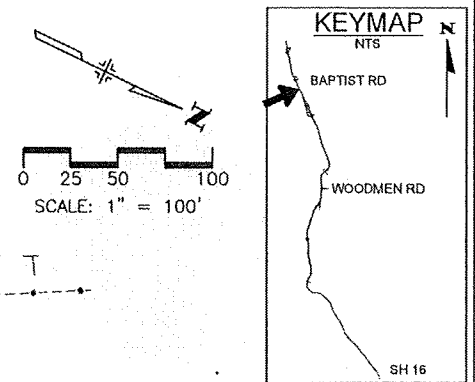
1480 Quail Lake Loop - Suite A
 Colorado Springs, Colorado 80906
 Phone: (719) 634-2323 Fax: (719) 227-3298

Region 2 JFF

As Constructed
No Revisions:
Revised:
Void:

I-25 Roadway Plan 1378+00 to 1391+00	
Designer: MAB	
Detailer: MAB	
Sheet Subset: ROADWAY	Subset Sheet: 95 of 113

Project No./Code
C 0252-316
12210
Sheet Number




1396+63
 REMOVE 4' X 4' X 200' CBC
 HDWALL AND WINGWALLS LT AND RT
 REQ'D 10' X 6' X 245' CBC @ 0.4%
 HDWALL AND WINGWALLS LT AND RT,
 INLET TYPE C MEDIAN, RIPRAP LT
 DA= 180 AC Q10= 200 CFS
 Q100= 475 CFS
 AHW = 7' DRW100 = 6.6'

Baptist Rd	1/2
St Hwy 105	3
County Line Rd	6

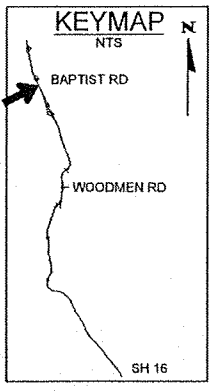
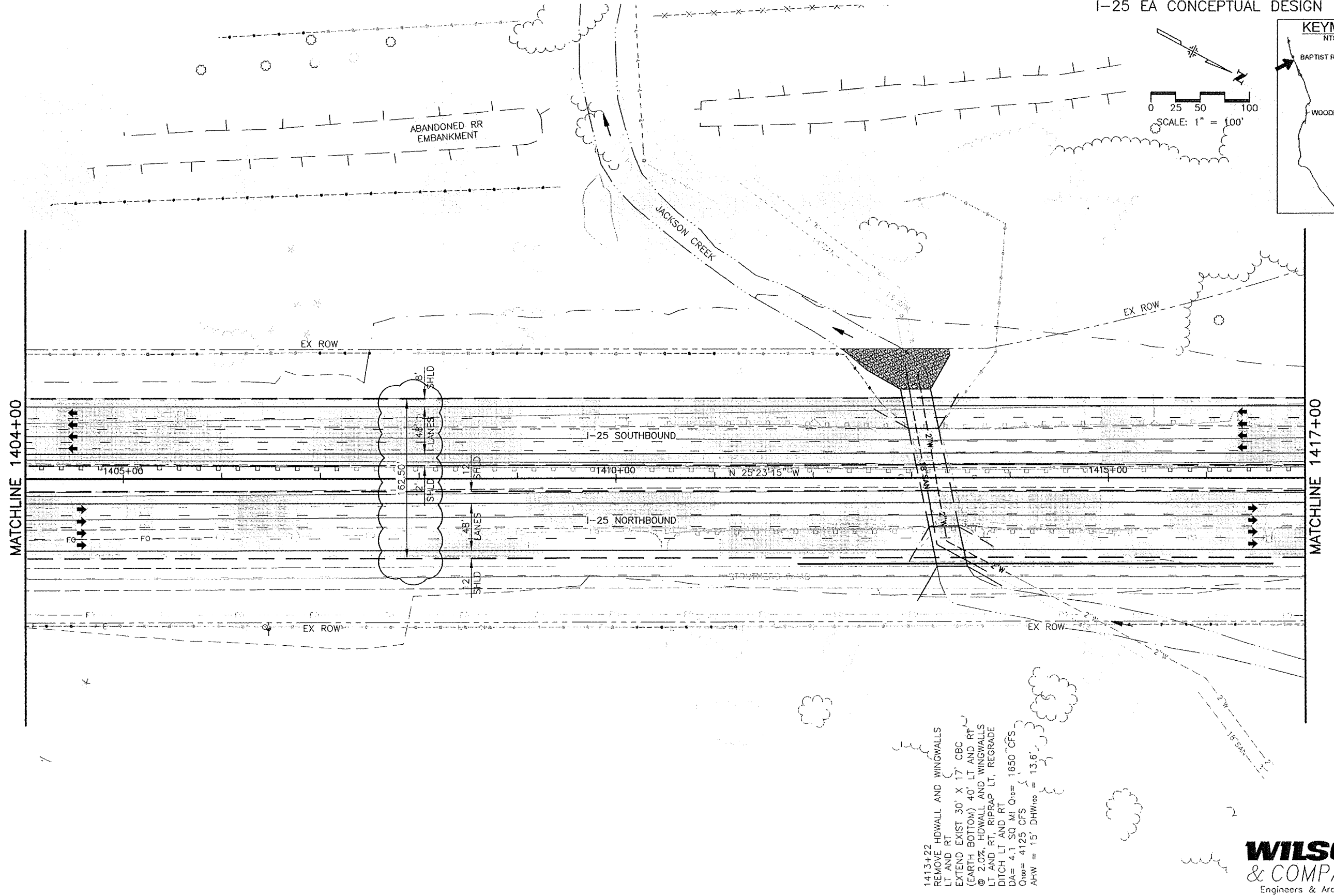
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Creation Date:	11/7/01	Initials: MAK	(R-)			 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	No Revisions:		Designer: MAB			C 0252-316					
Last Modification Date:	01/30/03	Initials: MAB	(R-)				Revised:		Detailer: MAB			12210					
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I-25 EA CONCEPTUAL DESIGN



0 25 50 100
SCALE: 1" = 100'

MATCHLINE 1404+00

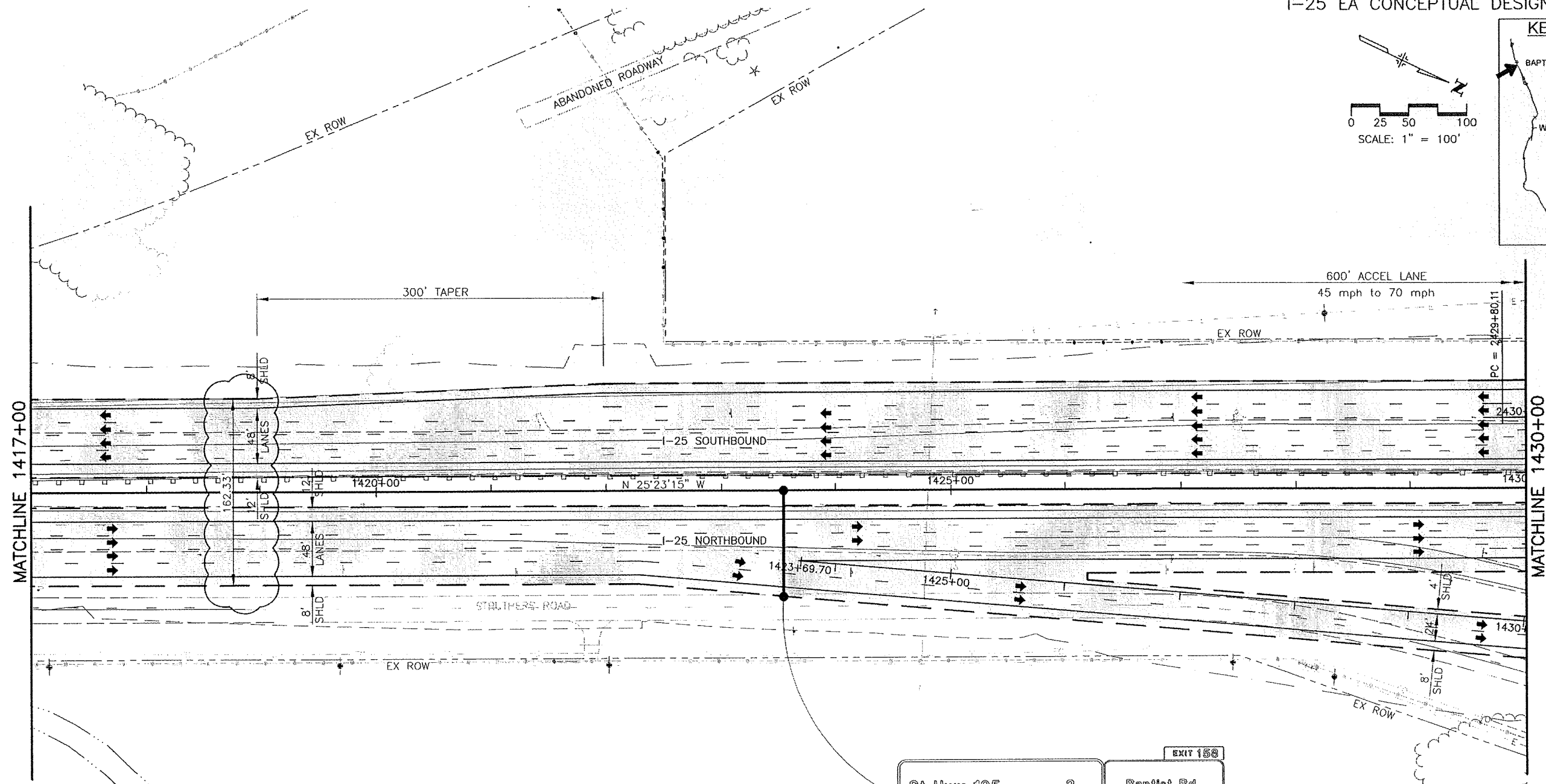
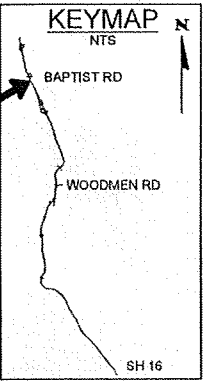
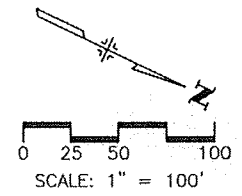
MATCHLINE 1417+00

1413+22
REMOVE HDWALL AND WINGWALLS
LT AND RT
EXTEND EXIST 30' X 17' CBC
(EARTH BOTTOM) 40' LT AND RT
@ 2.0% HDWALL AND WINGWALLS
LT AND RT, RIPRAP LT, REGRADE
DITCH LT AND RT
DA= 4.1 SQ MI Q₁₀₀= 1650 CFS
Q₁₀₀= 4125 CFS
AHW = 15' DHW₁₀₀ = 13.6'

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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1404+00 to 1417+00		Project No./Code	
Creation Date: 11/7/01	Initials: MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB		C 0252-316	
Last Modification Date: 01/30/03	Initials: MAB	(R-)				Revised:				12210	
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Drawing File Name: RDPL96-105.DWG		(R-)								Sheet Number	
Acad Ver. 2000	Scale: As Shown	Units: English	(R-)								

I-25 EA CONCEPTUAL DESIGN



EXIT 158

St Hwy 105	3	Baptist Rd
County Line Rd	5 1/4	

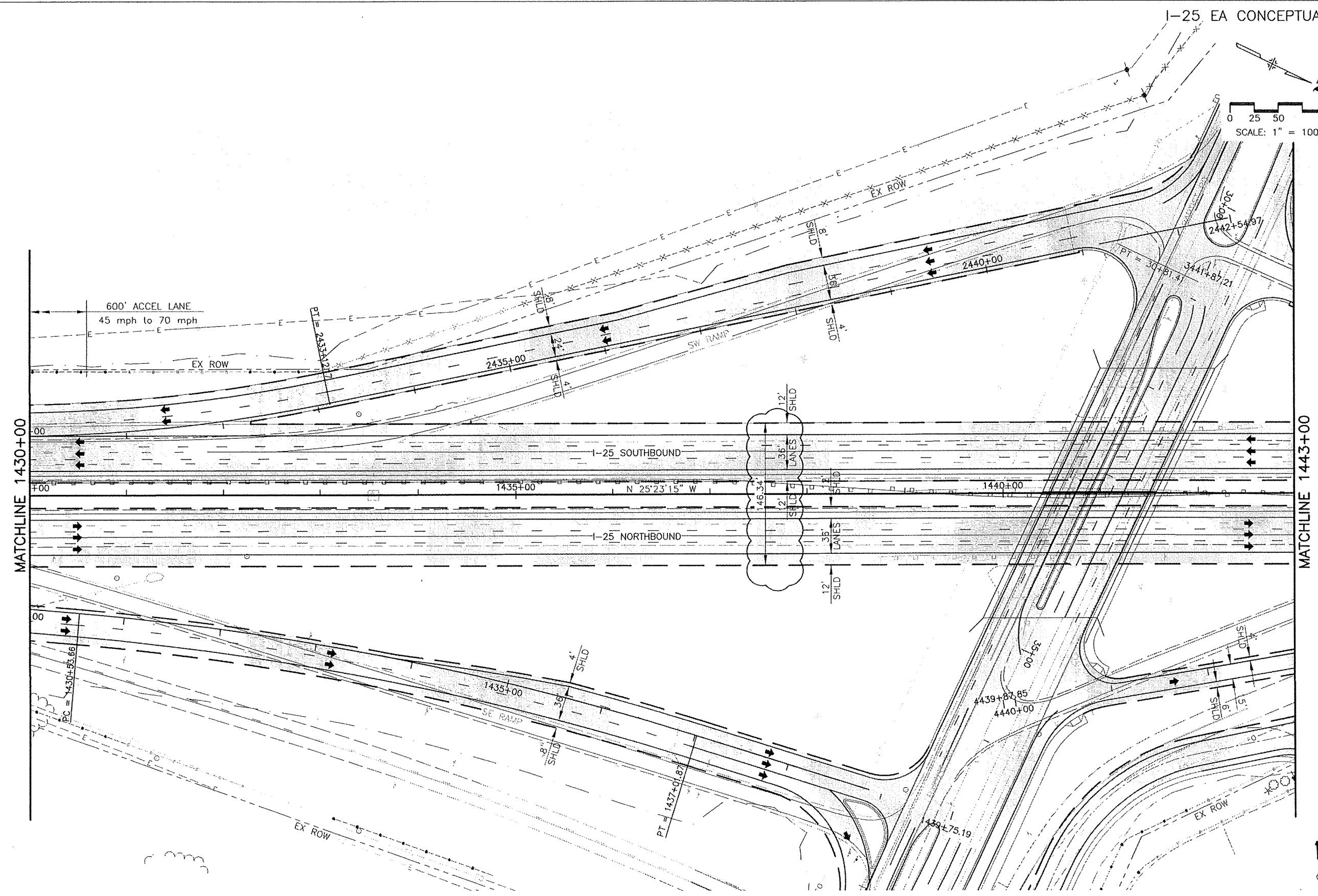
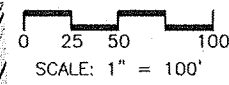
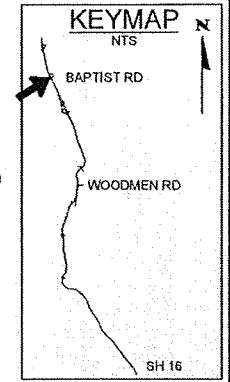
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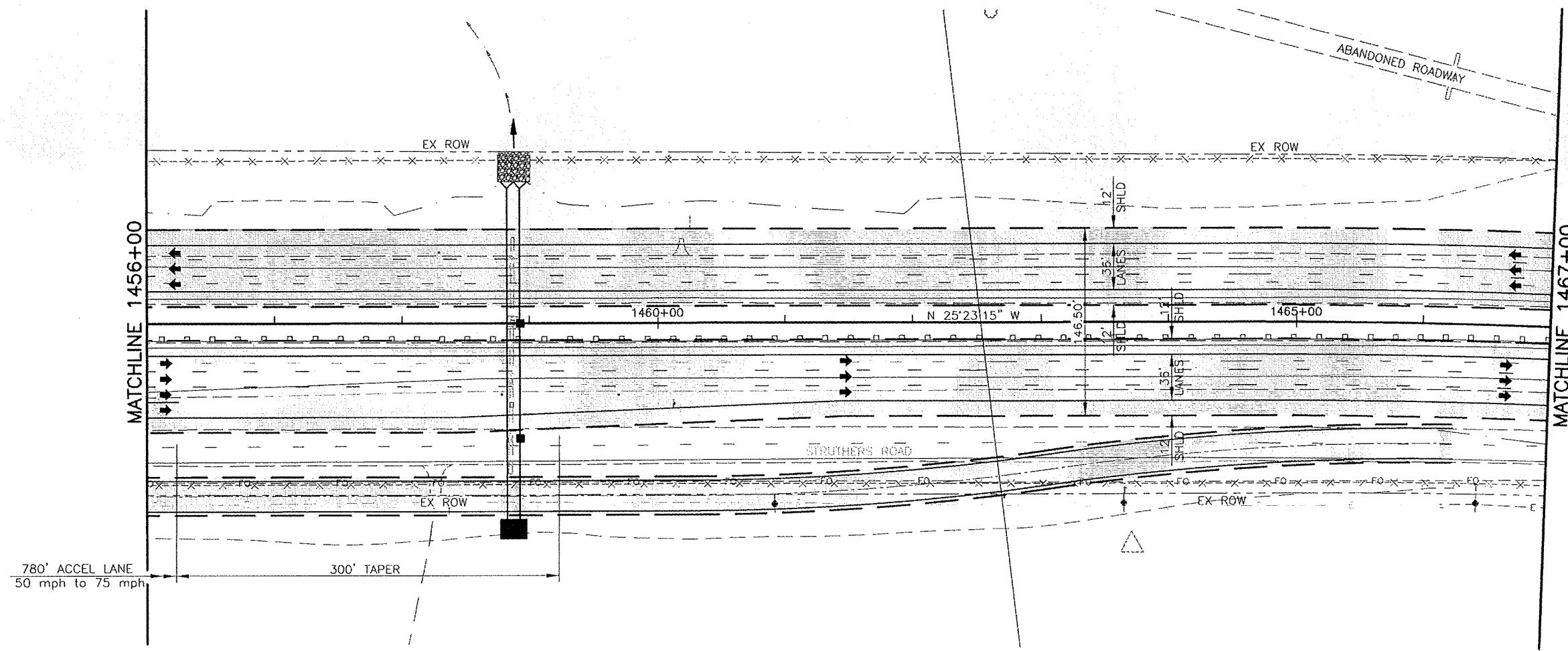
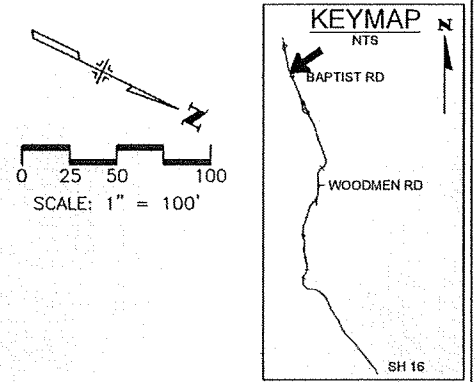
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I-25 EA CONCEPTUAL DESIGN



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Creation Date: 11/6/01	Initials: MAK (R-)		No Revisions:		Designer: MAB Detailer: MAB Sheet Subset: ROADWAY		C 0252-316
Last Modification Date: 01/30/03	Initials: MAB (R-)		Revised:			12210	
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Acad Ver. 2000	Scale: As Shown	Units: English	(R-)				




780' ACCEL LANE
50 mph to 75 mph

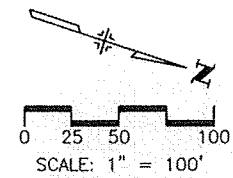
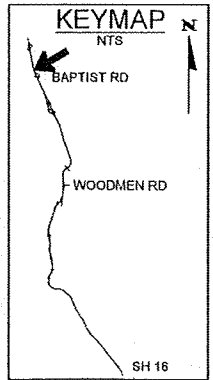
300' TAPER

1458+88
REMOVE 30" X 185' RCP,
2 INLETS
RECO'D DOUBLE 76" X 48" X 265'
HERCP @ 0.8% INLET TYPE C
MEDIAN AND RT, INLET SPECIAL
(16 TYPE C) RT, END SECTIONS
AND RIPRAP LT, REGRADE DITCH LT
DA = 90 AC O₁₀ = 100 CFS
C₁₀₀ = 250 CFS
AHW = 5' DHW₁₀₀ = 4.4'

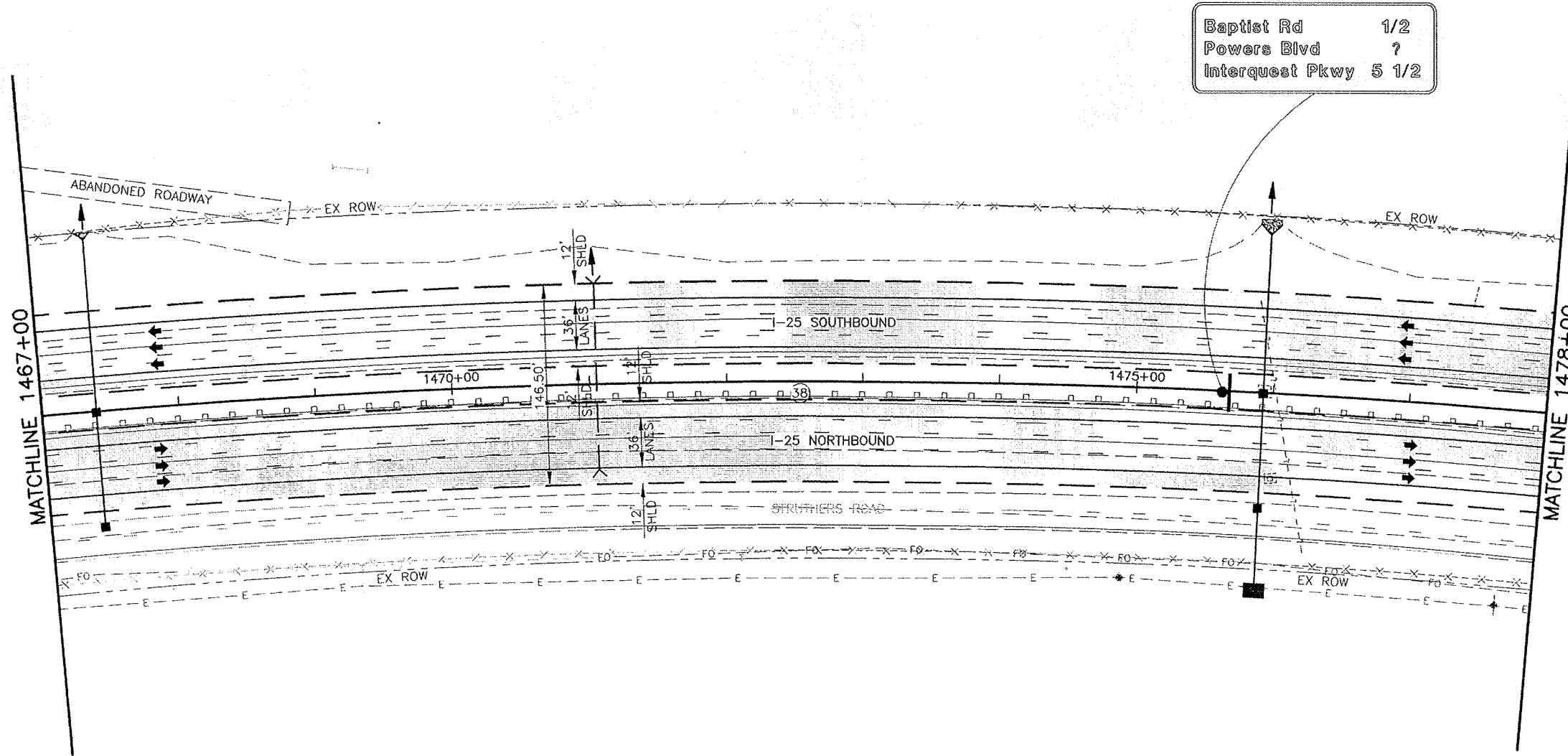
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Computer File Information		Sheet Revisions		Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF	As Constructed	I-25 Roadway Plan 1456+00 to 1467+00		Project No./Code
Creation Date: 11/6/01	Initials: MAK (R-)				No Revisions:			C 0252-316
Last Modification Date: 01/30/03	Initials: MAB (R-)				Revised:	Designer: MAB		12210
Full Path: P:\083100913\ACAD\SHEETS	(R-)				Void:	Detailer: MAB		
Drawing File Name: RDPL96-105.DWG	(R-)					Sheet Subset: ROADWAY	Subset Sheet: 101 of 113	Sheet Number
Acad Ver. 2000	Scale: As Shown	Units: English	(R-)					



CURVE DATA								
CURVE NO.	Δ_c	D_c	R_c	L_c	T_c	e	MDS	SSD
38	14°35'13"	00°55'27"	6200.00'	1578.45'	791.36'	0.034	80	>910



1467+40
 REQ'D 24" X 210 RCP @
 0.6%, INLET TYPE C MEDIAN
 AND RT, END SECTION AND
 RIPRAP LT

1471+05
 REMOVE 30" X 135' RCP

1475+93
 REMOVE 24" X 190' RCP,
 2 INLETS
 REQ'D 68" X 43" HERCP
 @ 0.8%, INLET TYPE C MEDIAN
 AND RT, INLET SPECIAL (8 TYPE C)
 RT, END SECTION AND RIPRAP LT
 DA = 40 AC, Q_{ave} = 50 CFS
 Q₁₀₀ = 125 CFS
 AHW = 6' DHW₁₀₀ = 4.7'

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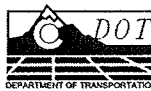
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Sheet Revisions

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Region 2

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As Constructed

No Revisions:
Revised:
Void:

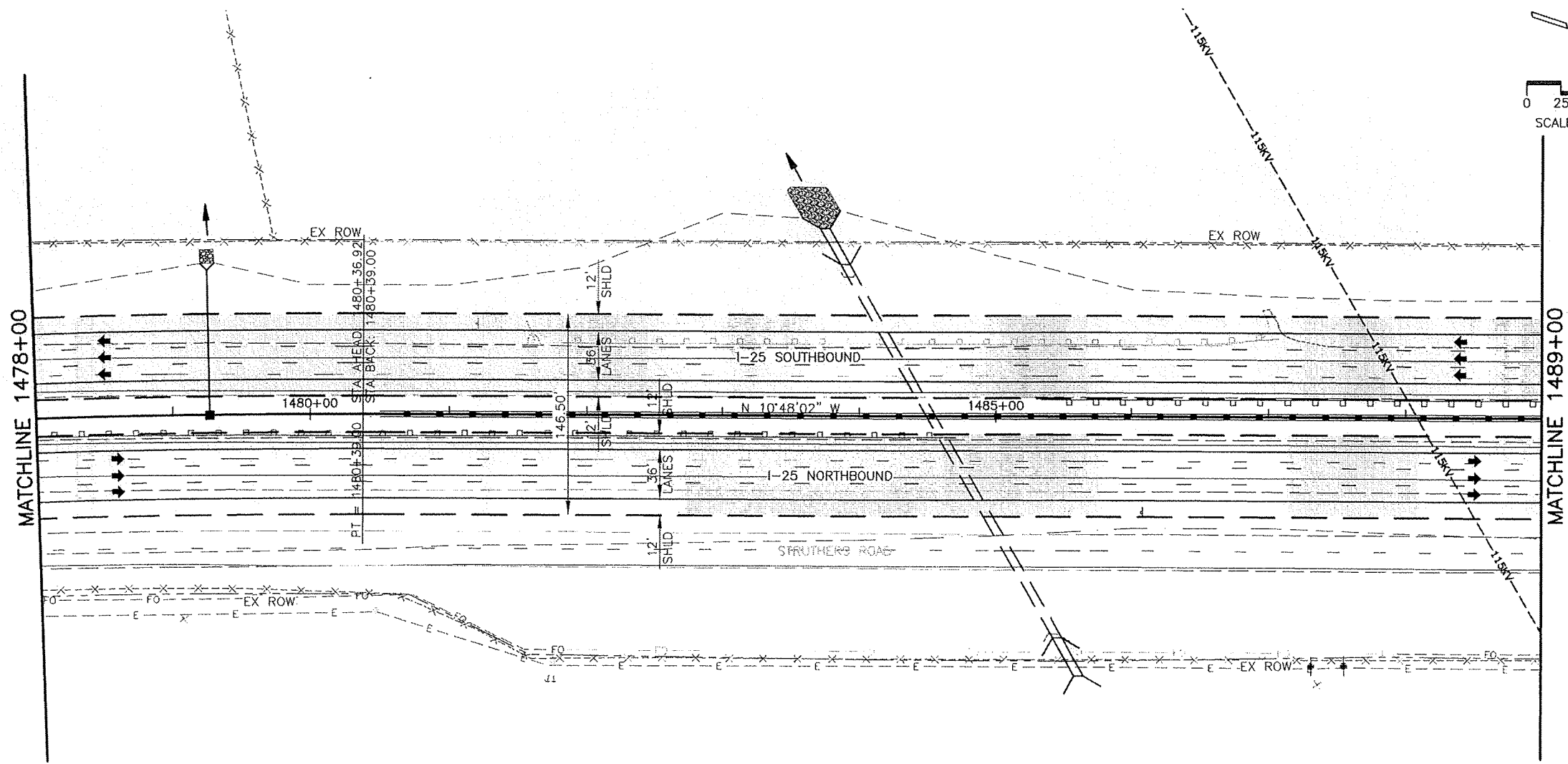
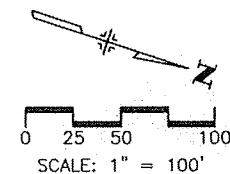
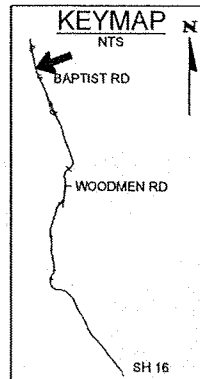
I-25 Roadway Plan
 1467+00 to 1478+00

Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	102 of 113

Project No./Code

C 0252-316
12210
Sheet Number

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1479+27
 REQ'D 18" X 105' RCP
 @ 1.0% INLET TYPE C
 MEDIAN END SECTION
 AND RIPRAP LT

1484+52
 REMOVE HDWALL AND WINGWALLS
 LT AND RT
 REQ'D EXTEND EXIST 6' X 6' CBC
 30' LT AND 30' RT @ 1.3%
 HDWALL AND WINGWALLS LT AND
 RT, RIPRAP LT
 DA= 100 AC Q₁₀₀= 100 CFS
 Q₁₀₀= 275 CFS
 AHW = 20' D_{HW100} = 6.6'


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Computer File Information

Creation Date:	11/6/01	Initials:	MAK
Last Modification Date:	01/30/03	Initials:	MAB
Full Path:	P:\983100913\ACAD\SHEETS		
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Colorado Department of Transportation



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Region 2 JFF

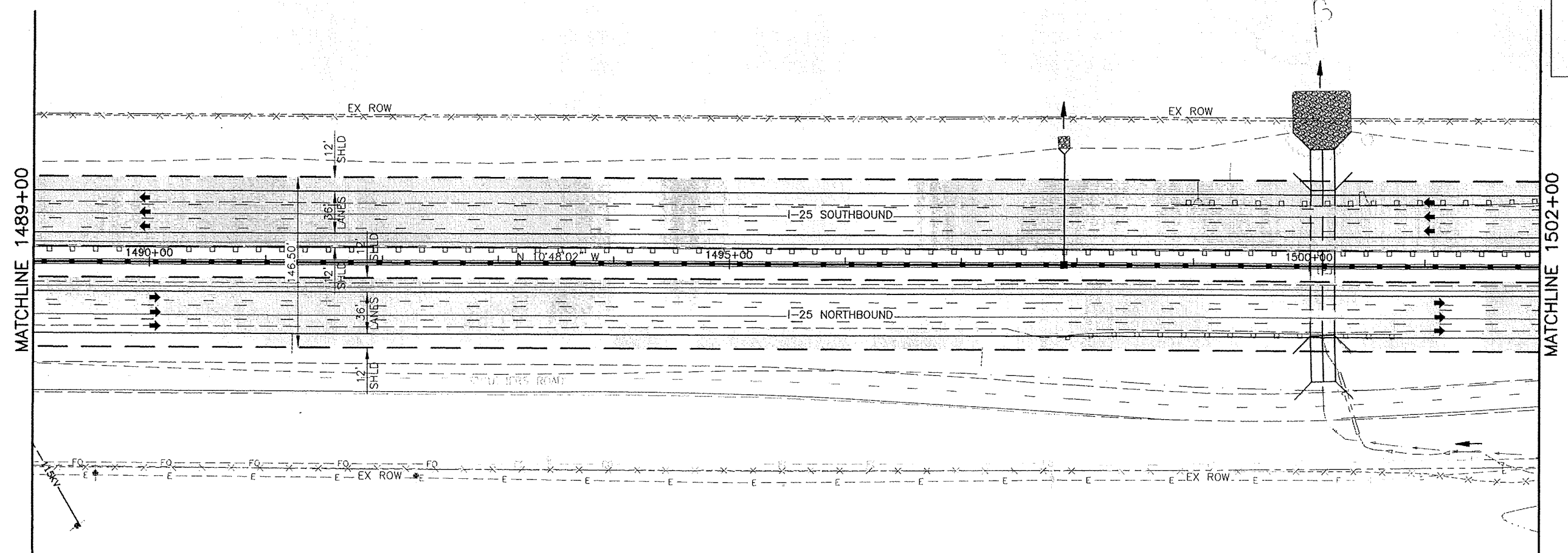
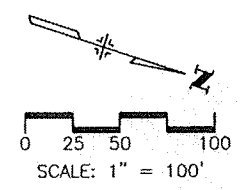
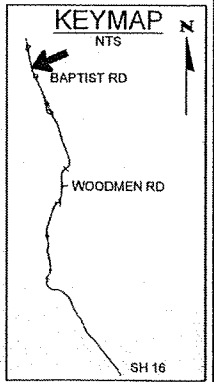
As Constructed
No Revisions:
Revised:
Void:

I-25 Roadway Plan 1478+00 to 1489+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset: ROADWAY	Subset Sheet: 103 of 113

Project No./Code	C 0252-316
	12210
Sheet Number	

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I-25 EA CONCEPTUAL DESIGN

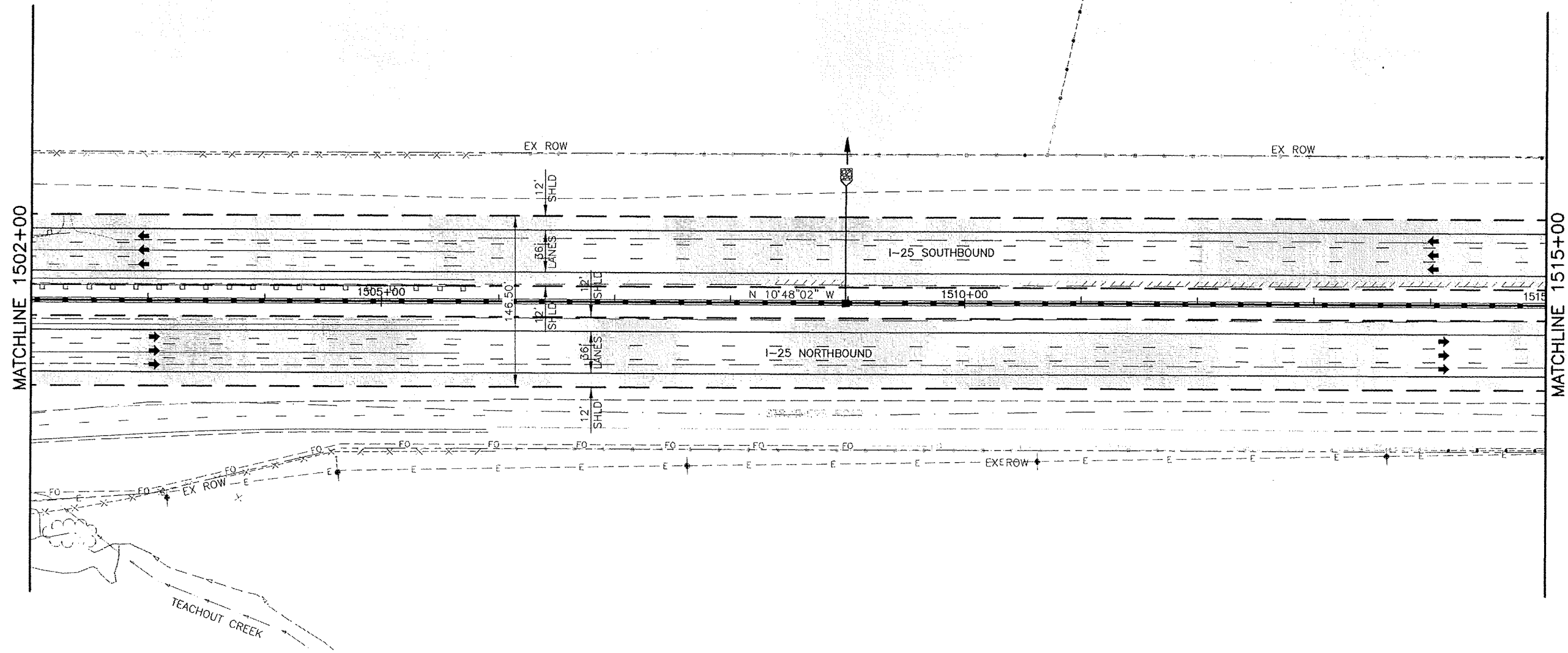
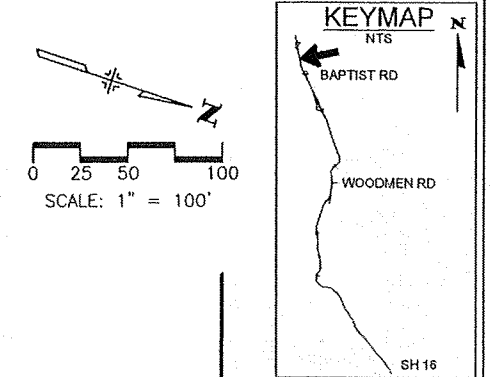


1497+89
REQ'D 18" X 95' RCP @ 1.1%
INLET TYPE C, MEDIAN, END SECTION
AND RIPRAP LT

1500+12
REMOVE HDWALL AND WINGWALLS
LT AND RT
REQ'D EXTEND EXIST DOUBLE 10' X 10 CBC
35' LT AND 40' RT @ 1.3%,
HDWALL AND WINGWALLS LT AND
RT, RIPRAP LT
DA= 1.0 SO MI Q₁₀₀= 475 CFS
Q₁₀₀= 1200 CFS
AHW = 12' DHW₁₀₀ = 8.0'




Computer File Information Creation Date: 11/6/01 Initials: MAK Last Modification Date: 01/30/03 Initials: MAB Full Path: P:\983100913\ACAD\SHEETS Drawing File Name: RDPL96-105.DWG Acad Ver. 2000 Scale: As Shown Units: English		Sheet Revisions <table border="1"> <tr><td>(R-)</td><td></td><td></td><td></td></tr> <tr><td>(R-)</td><td></td><td></td><td></td></tr> <tr><td>(R-)</td><td></td><td></td><td></td></tr> <tr><td>(R-)</td><td></td><td></td><td></td></tr> </table>		(R-)				(R-)				(R-)				(R-)				Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		As Constructed No Revisions: Revised: Void:		I-25 Roadway Plan 1489+00 to 1502+00 Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 104 of 113		Project No./Code C 0252-316 12210 Sheet Number	
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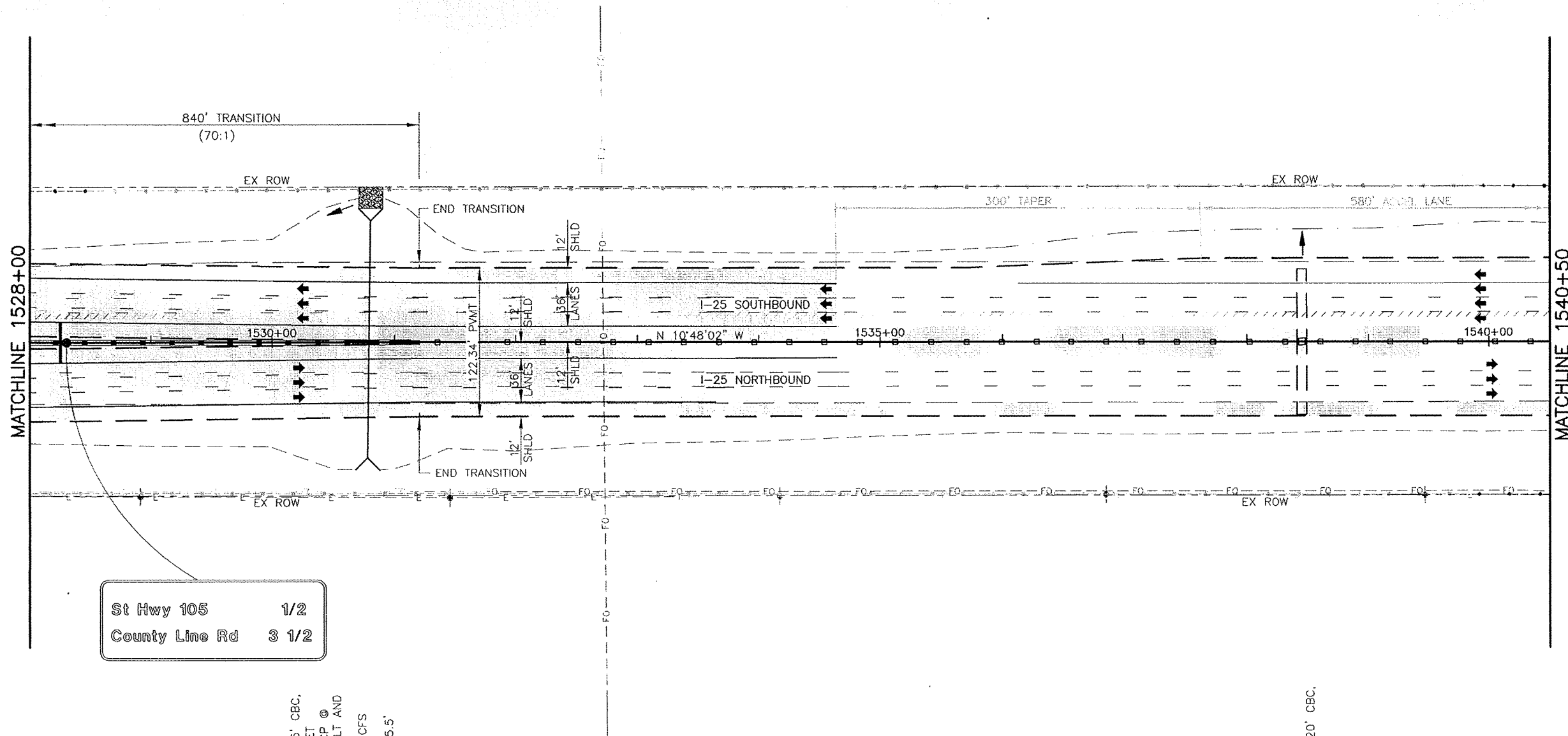
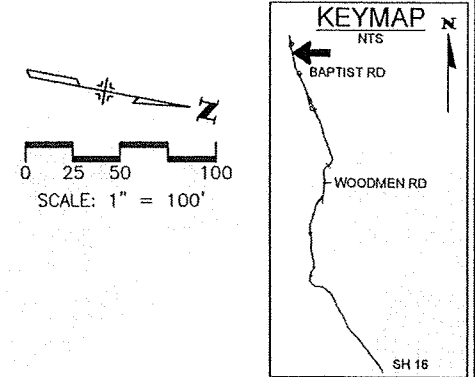


1508+98
REQD 18" X 100' RCP
@ 1.0% INLET TYPE C MEDIAN,
END SECTION AND RIPRAP LT



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Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1502+00 to 1515+00		Project No./Code	
Creation Date:	11/6/01	Initials:	MAK	(R-)		 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	No Revisions:			C 0252-316	
Last Modification Date:	01/30/03	Initials:	MAB	(R-)			Revised:	Designer:	MAB	12210	
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Drawing File Name:	RDPL96-105.DWG			(R-)				Sheet Subset:	ROADWAY	Subset Sheet:	105 of 113
Acad Ver.	2000	Scale:	As Shown	Units:	English	Region	2	JFF			



St Hwy 105 1/2
County Line Rd 3 1/2

1530+79 REMOVE 2' X 2' X 65' CBC,
24" X 115' RCP, INLET
REC'D 66" X 195' RCP @
1.0%, END SECTIONS LT AND
RT, RIPRAP LT
DA= 50 AC Q₁₀₀= 75 CFS
Q₁₀₀= 150 CFS
AHW = 6' DHW₁₀₀ = 5.5'

1538+45 REMOVE 8' X 8' X 120' CBC,
INLET

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Computer File Information

Creation Date:	11/13/01	Initials:	MAK
Last Modification Date:	01/30/03	Initials:	MAB
Full Path:	P:\983100913\ACAD\SHEETS		
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Sheet Revisions

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Region 2

JFF

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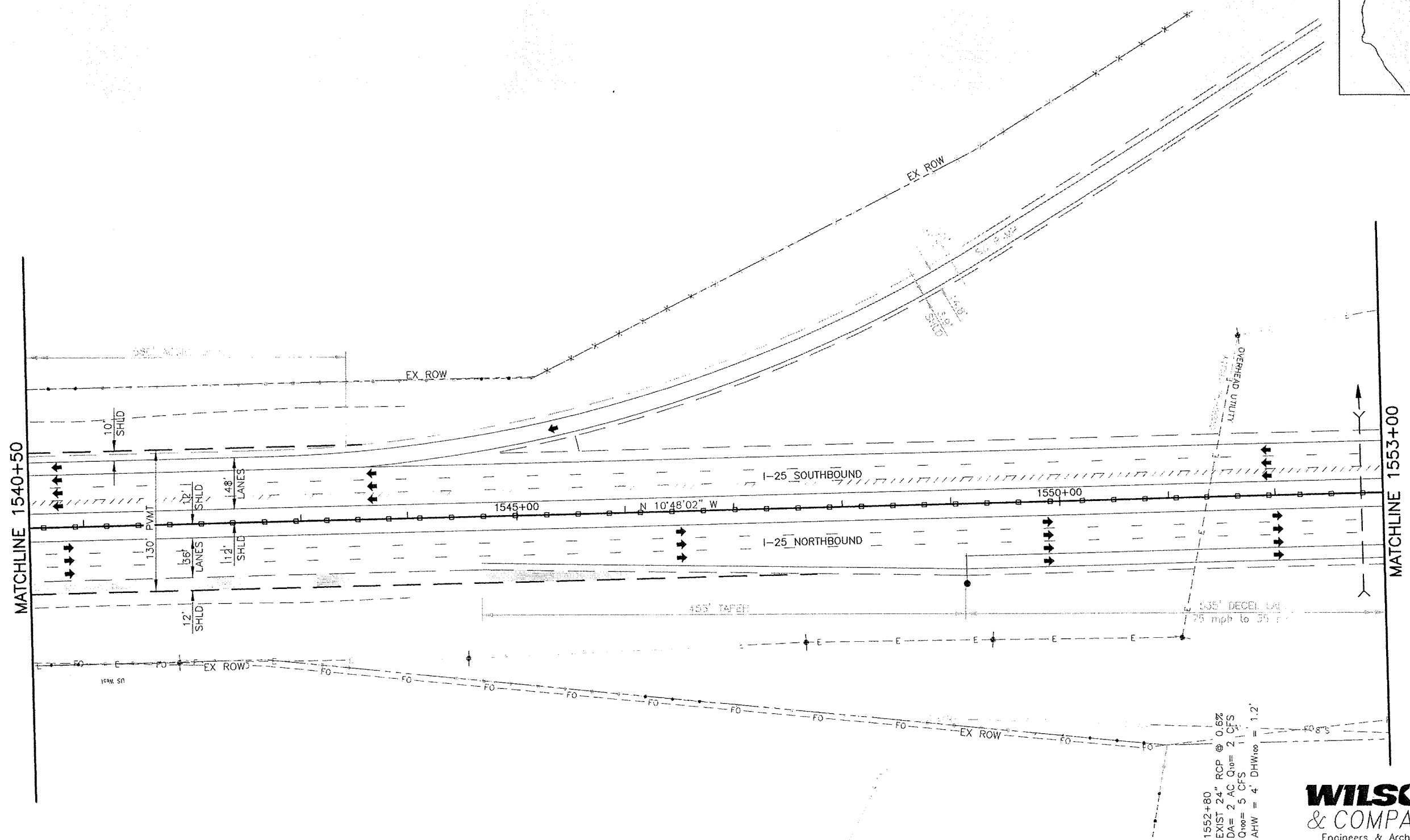
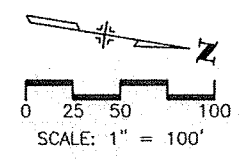
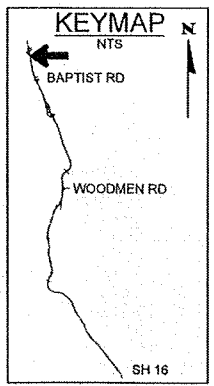
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I-25 Roadway Plan
1528+00 to 1540+50

Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	107 of 113

Project No./Code


C 0252-316
12210
Sheet Number

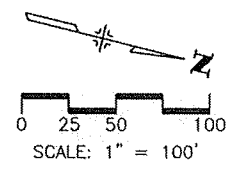
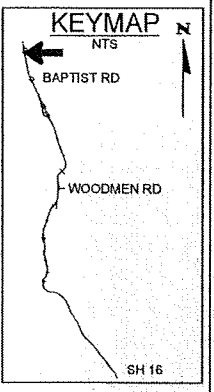


1552+80
 EXIST 24" RCP @ 0.6%
 DA = 2 AC C₁₀ = 2 CFS
 C₁₀₀ = 5 CFS
 AHW = 4' DHW₁₀₀ = 1.2'

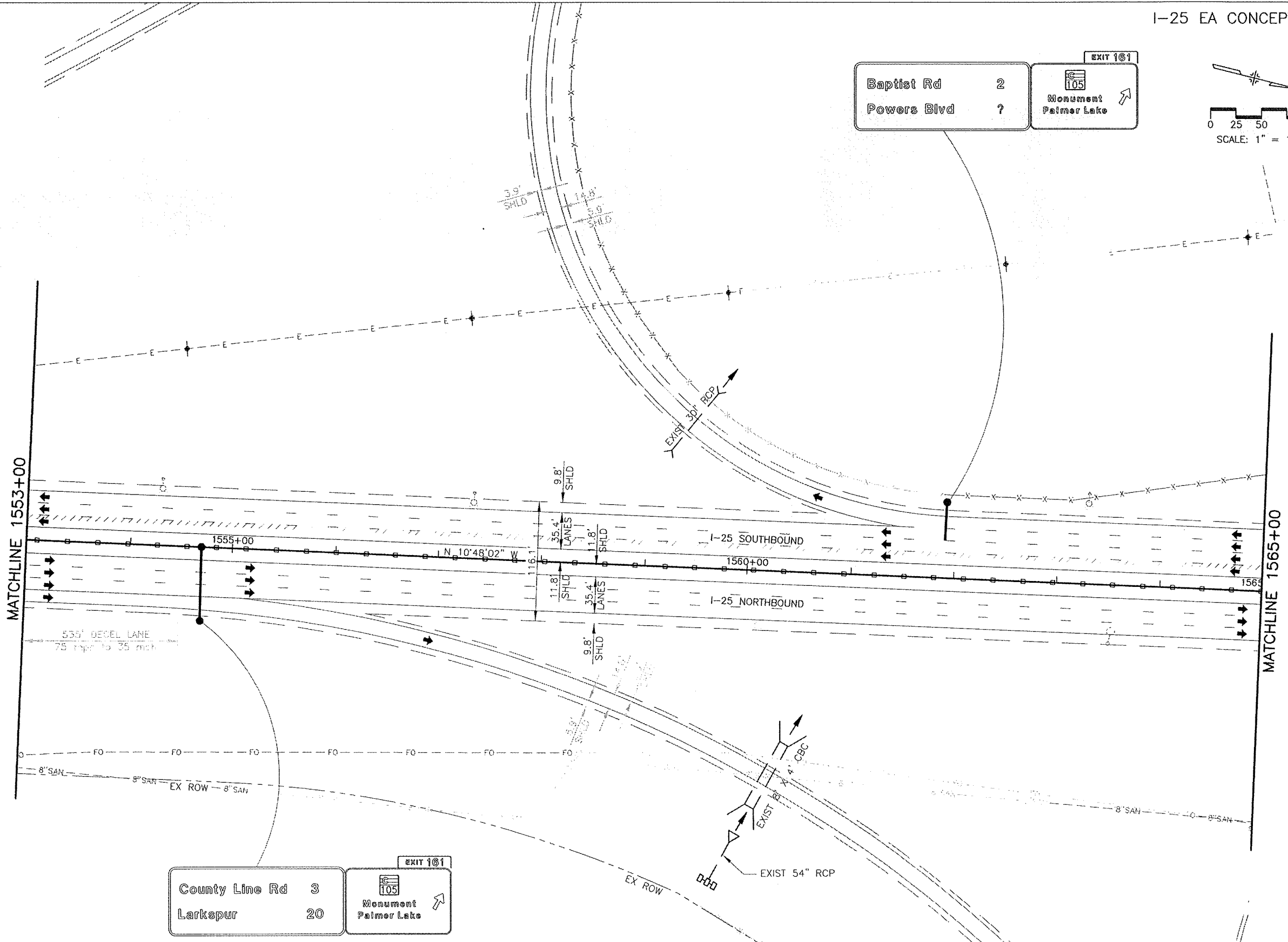
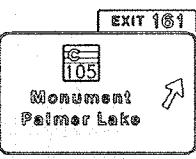


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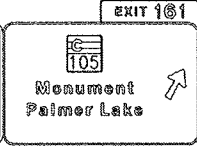
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Baptist Rd	2
Powers Blvd	?




County Line Rd	3
Larkspur	20



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Computer File Information	
Creation Date:	11/13/01
Last Modification Date:	01/30/03
Full Path:	P:\983100913\ACAD\SHEETS
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Colorado Department of Transportation

 1480 Quail Lake Loop - Suite A
 Colorado Springs, Colorado 80906
 Phone: (719) 634-2323 Fax: (719) 227-3298
 Region 2 JFF

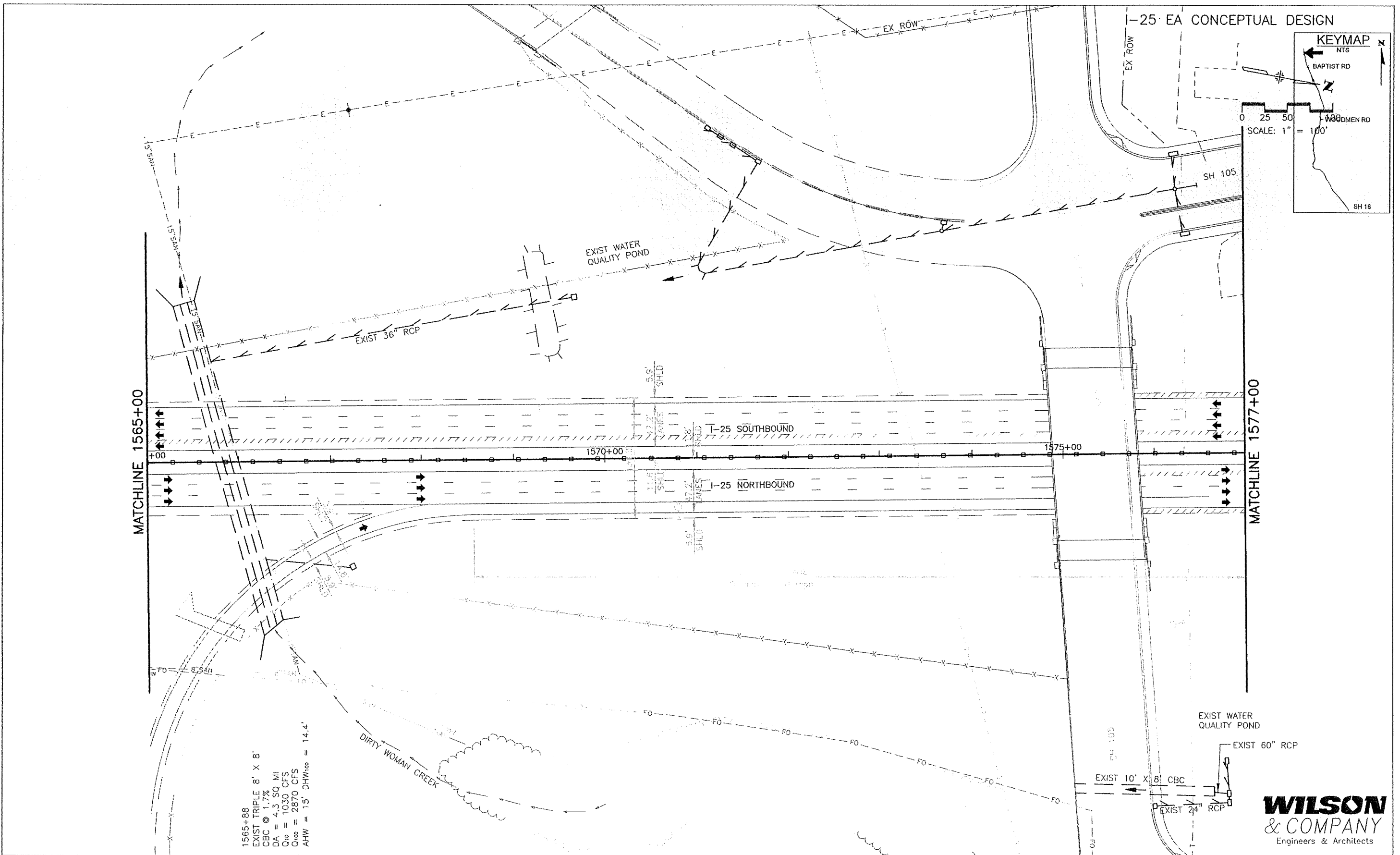
As Constructed	
No Revisions:	
Revised:	
Void:	

I-25 Roadway Plan 1553+00 to 1565+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	109 of 113

Project No./Code	
C 0252-316	
12210	
Sheet Number	

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P:\08310099\ACAD\SHEETS\rdpl106-113.dwg, PLAN 110, 10/09/2003 04:36:51 jvdllis



1565+88
 EXIST TRIPLE 8' X 8'
 CBC @ 1.7%
 DA = 4.3 SQ MI
 Q₁₀ = 1030 CFS
 Q₁₀₀ = 2870 CFS
 AHW = 15' DHW₁₀₀ = 14.4'

Computer File Information	
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Last Modification Date:	01/30/03 Initials: MAB
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Acad Ver.	2000 Scale: As Shown Units: English

Sheet Revisions	
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(R-)	

Colorado Department of Transportation

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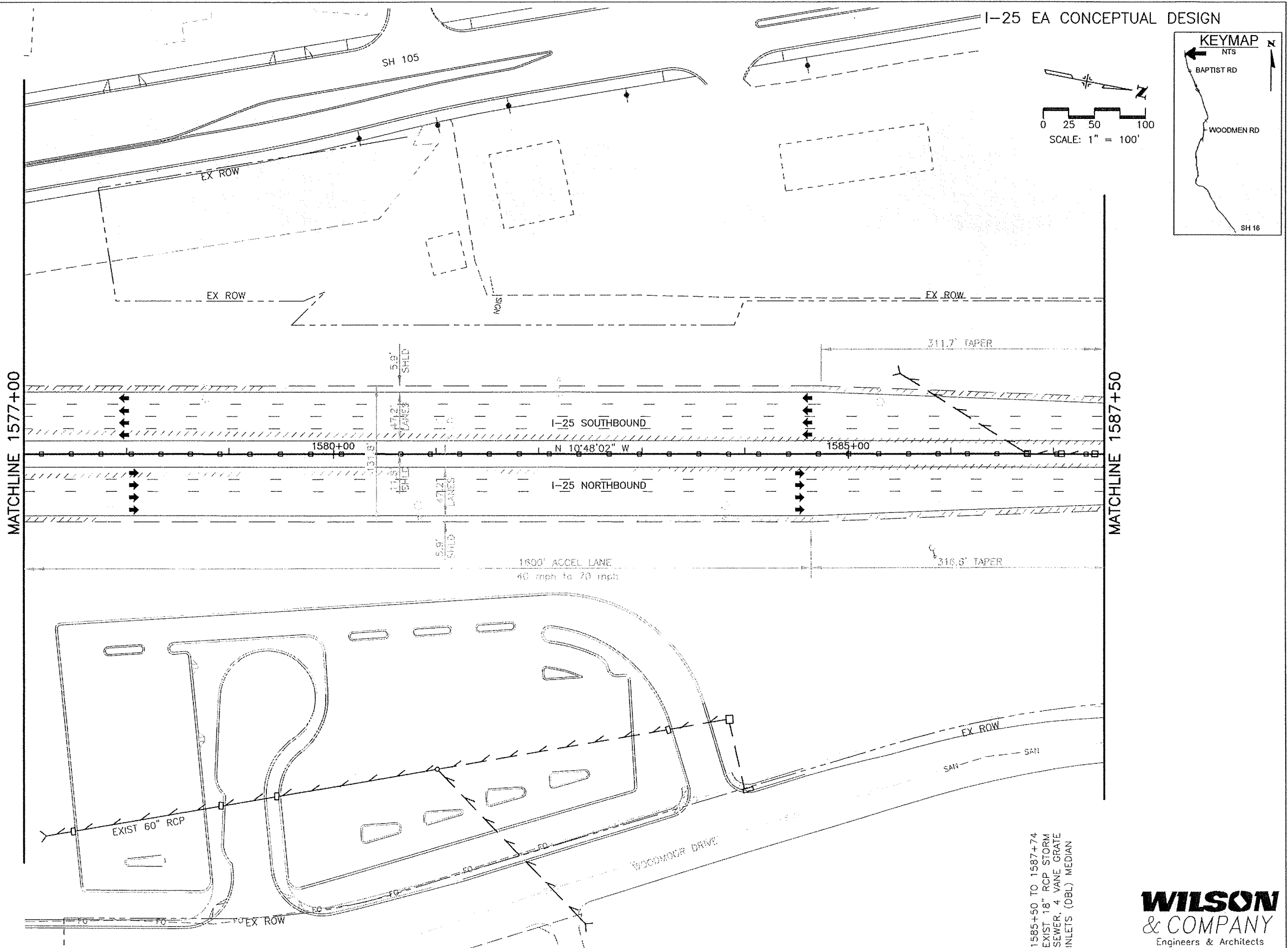
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No Revisions:
Revised:
Void:

I-25 Roadway Plan 1565+00 to 1577+00	
Designer:	MAB
Detailer:	MAB
Sheet Subset:	ROADWAY
Subset Sheet:	110 of 113

Project No./Code
C 0252-316
12210
Sheet Number

WILSON & COMPANY
 Engineers & Architects

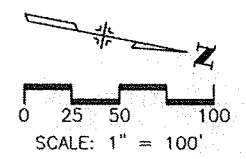
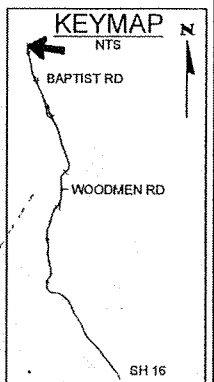
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1585+50 TO 1587+74
EXIST 18" RCP STORM
SEWER, 4 VANE GRATE
INLETS (OBL) MEDIAN

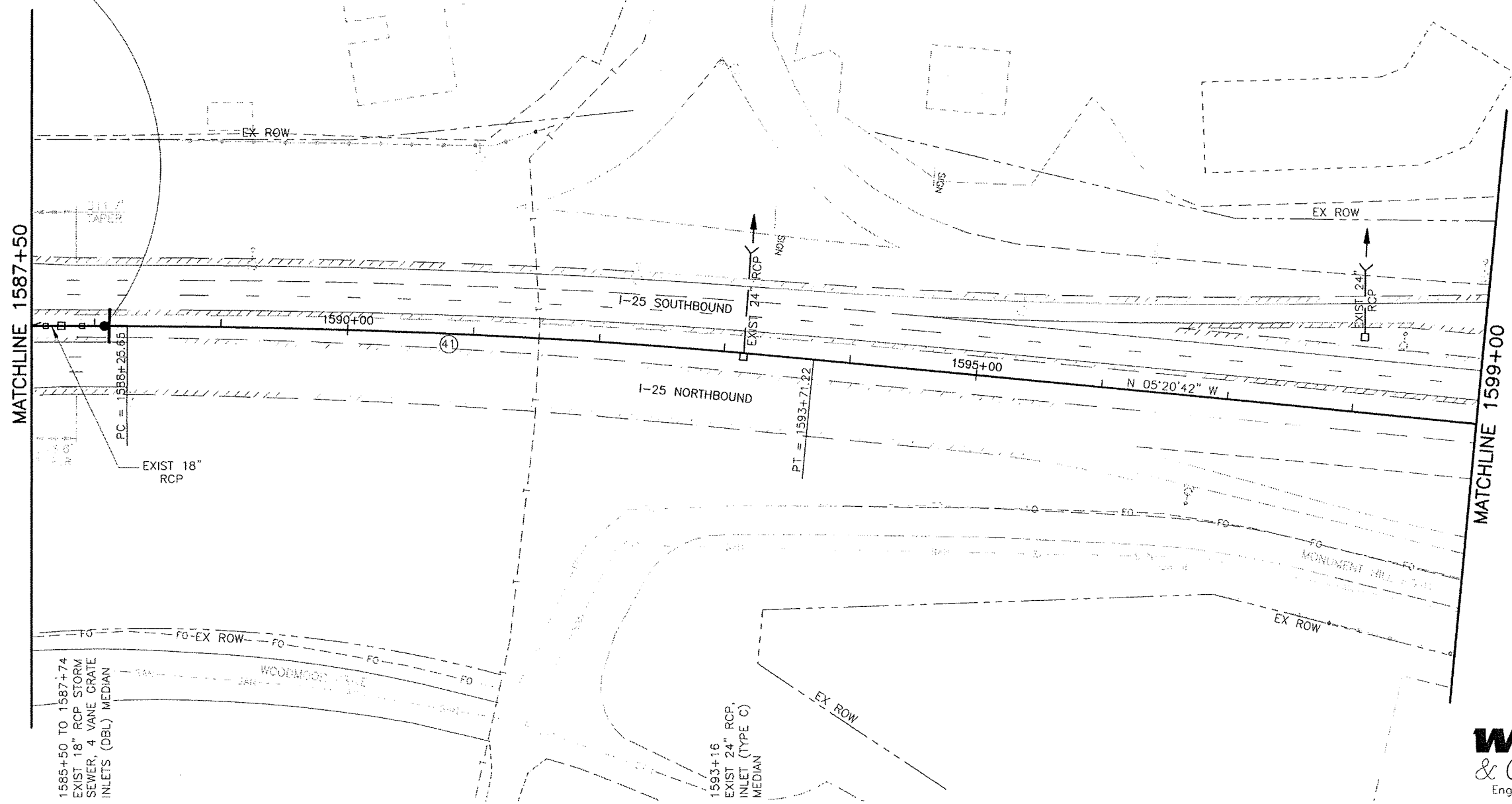
WILSON & COMPANY
Engineers & Architects

Computer File Information Creation Date: 11/13/01 Initials: MAK Last Modification Date: 01/30/03 Initials: MAB Full Path: P:\983100913\ACAD\SHEETS Drawing File Name: RDPL106-113.DWG Acad Ver. 2000 Scale: As Shown Units: English		Sheet Revisions <table border="1"> <tr><td>(R-)</td><td></td><td></td><td></td></tr> <tr><td>(R-)</td><td></td><td></td><td></td></tr> <tr><td>(R-)</td><td></td><td></td><td></td></tr> <tr><td>(R-)</td><td></td><td></td><td></td></tr> </table>		(R-)				(R-)				(R-)				(R-)				Colorado Department of Transportation  1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		As Constructed No Revisions: Revised: Void:		I-25 Roadway Plan 1577+00 to 1587+50 Designer: MAB Detailer: MAB Sheet Subset: ROADWAY Subset Sheet: 111 of 113		Project No./Code C 0252-316 12210 Sheet Number	
(R-)																											
(R-)																											
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CURVE DATA (EXISTING)								
CURVE NO.	Δ_c	D_c	R_c	L_c	T_c	e	MDS	SSD
41	05°27'20"	01'00'00"	5729.62'	545.57'	272.99'	0.041	80	>910

St Hwy 105 1/2
 Baptist Rd 2 1/2
 Powers Blvd ?



MATCHLINE 1587+50

MATCHLINE 1599+00

1585+50 TO 1587+74
 EXIST 18" RCP STORM
 SEWER, 4 VANE GRATE
 INLETS (DBL) MEDIAN

1593+16
 EXIST 24" RCP,
 INLET (TYPE C)
 MEDIAN

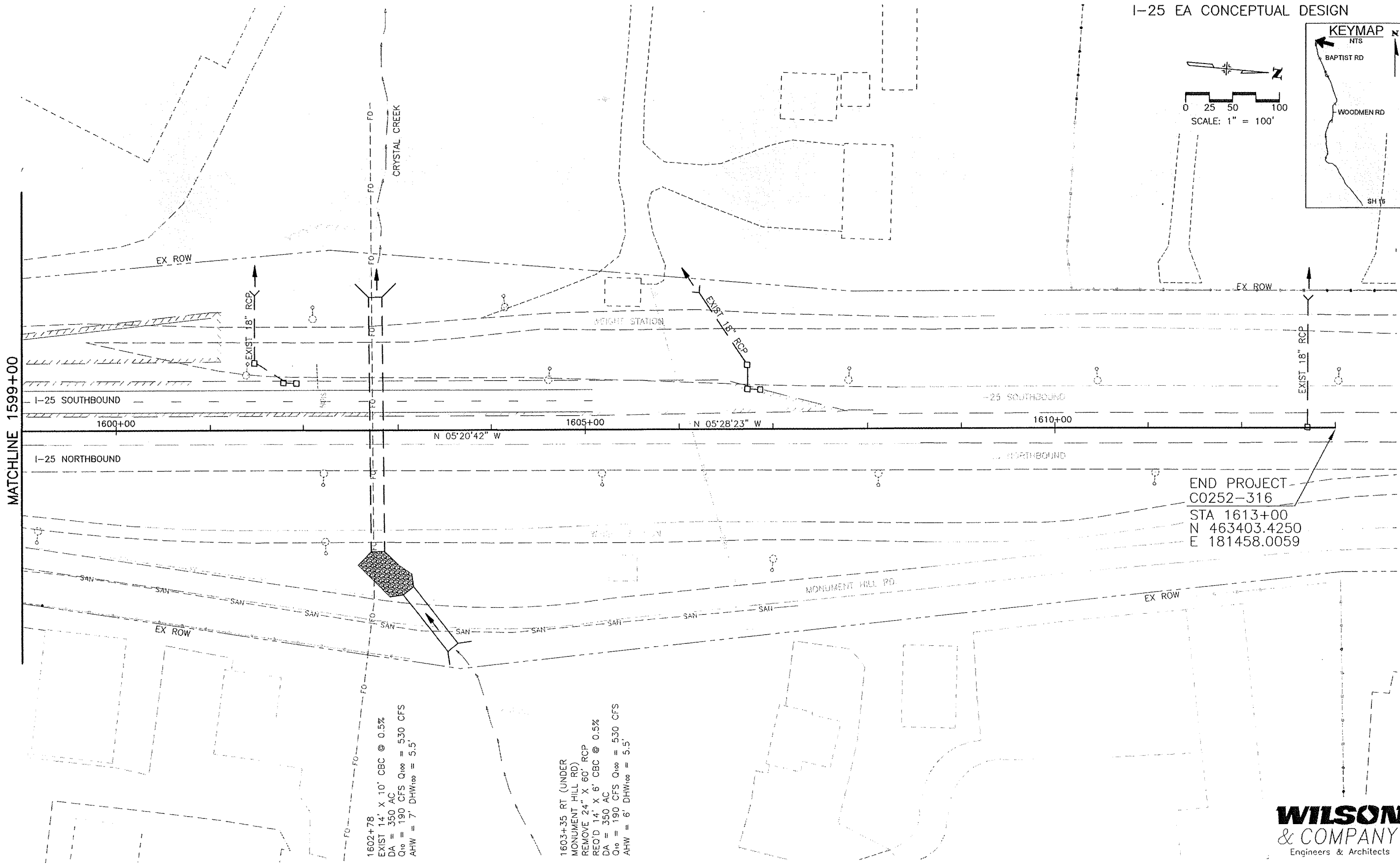
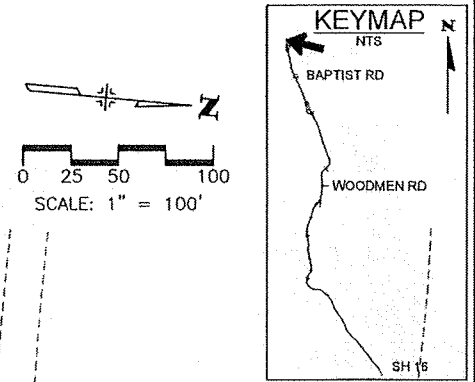


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I-25 EA CONCEPTUAL DESIGN




END PROJECT
C0252-316
STA 1613+00
N 463403.4250
E 181458.0059

1602+78
EXIST 14' X 10' CBC @ 0.5%
DA = 350 AC
Q₁₀₀ = 190 CFS Q₁₀₀₀ = 530 CFS
AHW = 7' DRW₁₀₀ = 5.5'

1603+35 RT (UNDER
MONUMENT HILL RD)
REMOVE 24" X 60' RCP
REQ'D 14' X 6' CBC @ 0.5%
DA = 350 AC
Q₁₀₀ = 190 CFS Q₁₀₀₀ = 530 CFS
AHW = 6' DRW₁₀₀ = 5.5'



Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		I-25 Roadway Plan 1599+00 to 1613+00		Project No./Code	
Creation Date:	11/13/01	Initials:	MAK (R-)	 1480 Quail Lake Loop - Suite A Colorado Springs, Colorado 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 Region 2 JFF		No Revisions:		Designer: MAB Detailer: MAB		C 0252-316	
Last Modification Date:	01/30/03	Initials:	MAB (R-)			Revised:				12210	
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Drawing File Name:	RDPL106-113.DWG	Initials:	(R-)					Subset Sheet: 113 of 113		Sheet Number	
Acad Ver.	2000	Scale:	As Shown			Units:	English				