

PLAN
 (ABUTMENT 1 SHOWN, ABUTMENT 3 SIMILAR)
 (BRIDGE RAIL REINFORCING NOT SHOWN)
 (MEDIAN COVER MATERIAL NOT SHOWN)

KEY NOTES

- ① CONTRACTOR MAY REPLACE WITH 1'-0"
- ② PROVIDE 1/2" EXPANSION JOINT IN MEDIAN. SEAL WITH POLYSULFIDE OR SILICONE SEALANT. SEALANT COLOR SHALL MATCH COLOR OF MEDIAN COVER MATERIAL.

NOTES

- 1. CONCRETE SHALL BE CONCRETE CLASS D (BRIDGE).
- 2. APPROACH SLAB CONCRETE SHALL BE CURED IN ACCORDANCE WITH THE SPECIFICATIONS FOR BRIDGE DECK CONCRETE, SUBSECTION 601.
- 3. SIDEWALK SURFACE SHALL BE BROOM-FINISHED IN ACCORDANCE WITH SECTION 608.
- 4. FOR EXPANSION DEVICE DETAILS, SEE DWG. NOS. B31 & B32.
- 5. FOR BRIDGE RAIL DETAILS, SEE DWG. NO. B26.
- 6. FOR MEDIAN DETAILS, SEE DWG. NO. B18.
- 7. FOR COVER PLATE DETAILS, SEE DWG. NO. B31.
- 8. FOR ADDITIONAL INFORMATION, SEE DWG. NO. B30.

Revision Dates (Preliminary Stage Only)

Design	INITIAL	DATE	Design By	DATE	Checked By	DATE
Designed By	DAN	08/05	ARP	08/05	AGW	03/06
Checked By	SA	03/06	AGW	03/06	KAL	03/06

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Drawing File Name:	brap01.dgn
CAD Ver.:	MicroStation V8 Scale: NONE Units: ENGLISH

Sheet Revisions	

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PBS&J

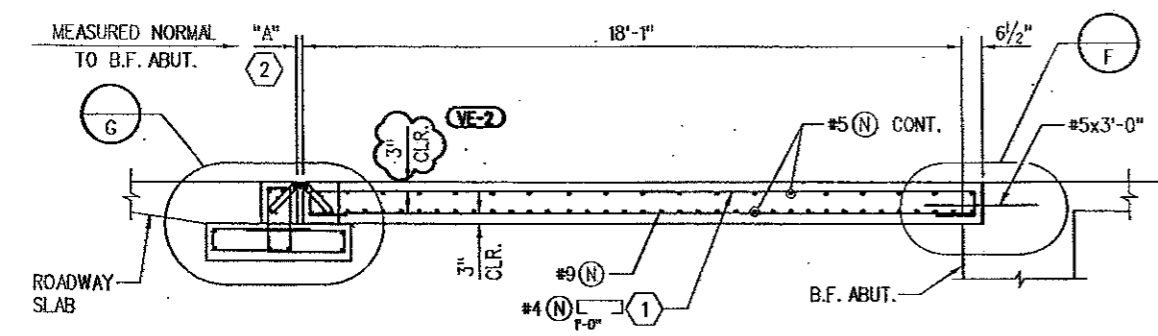
REGION 2

As Constructed
No Revisions: <i>AMH 12-23-07</i>
Revised:
Void:

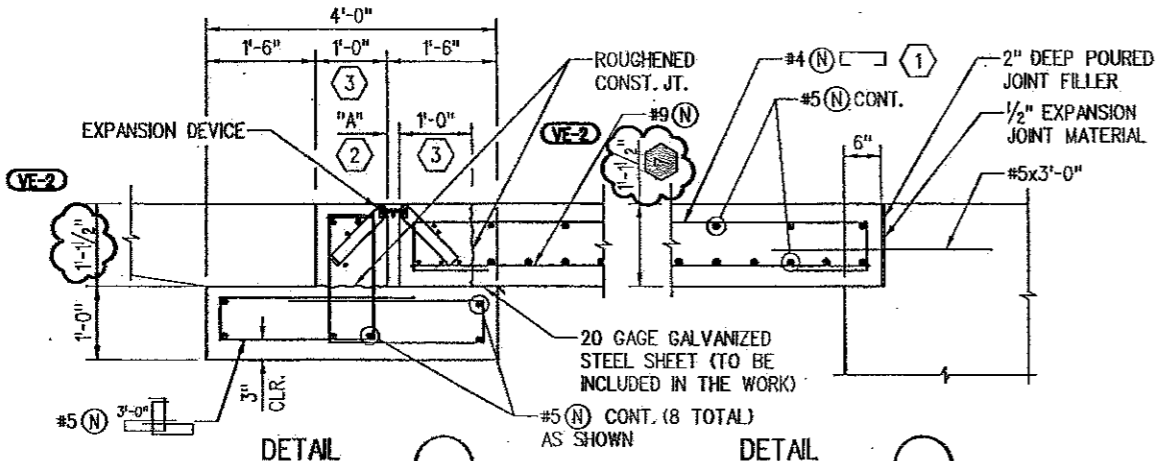
BAPTIST ROAD OVER I-25 APPROACH SLAB PLAN	
Designer:	D. Nemovitz
Detailer:	A. Pelster
Structure Numbers:	H-17-DC
Sheet Subset:	BRIDGE

Project No./Code	IM 252-341
	13388
Sheet Number	75

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Design	08/05	ARP	08/05	ARP
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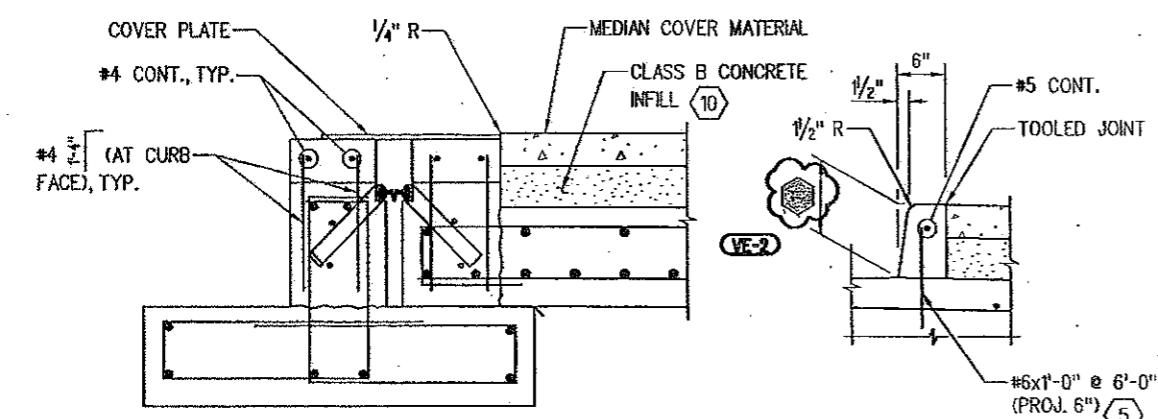


SECTION B29 A



DETAIL G

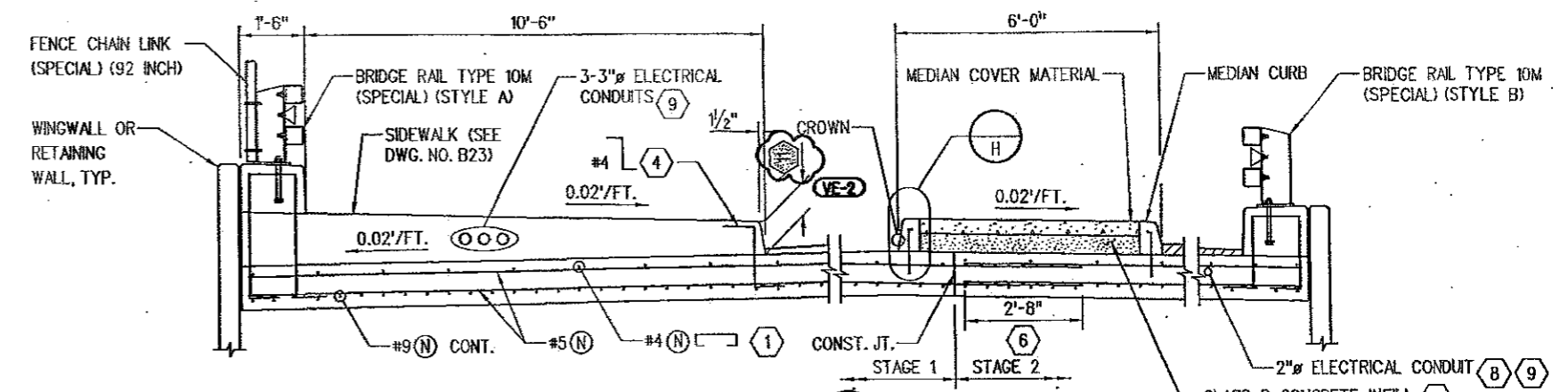
DETAIL F



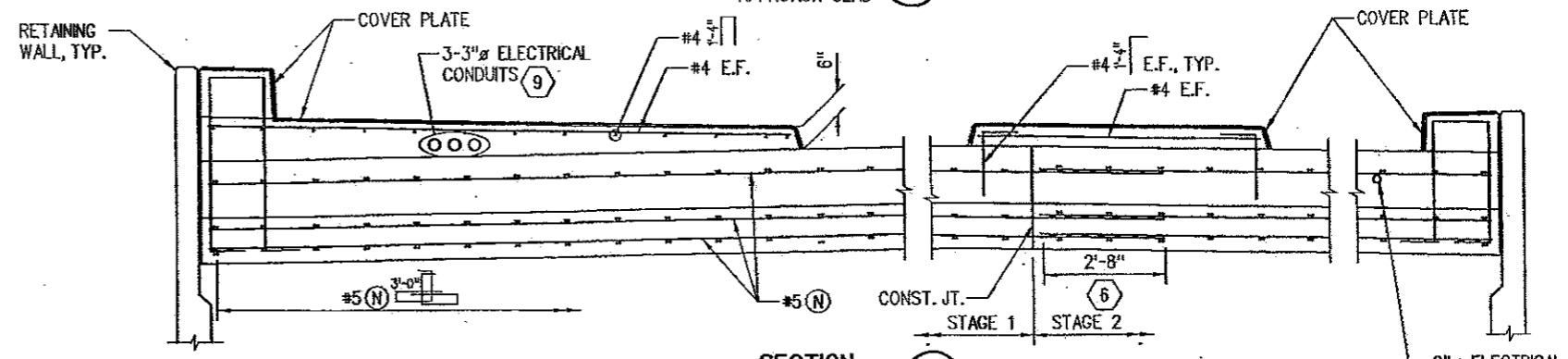
SECTION B31 E

DETAIL H

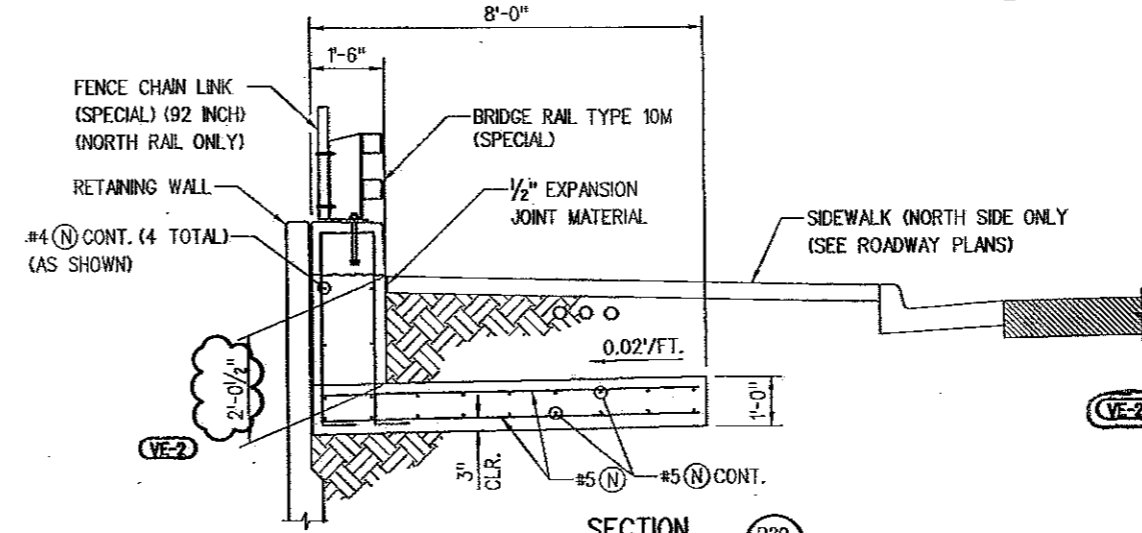
VE-2 VALUE ENGINEERING ITEM NO. 2-SUBSTITUTE BRIDGE DECK METAL FORMING SYSTEM WITH PRECAST CONCRETE DECK PANELS. REVISIONS PERFORMED BY TSIIOUVARAS SIMMONS HOLDERNESS FOR LAWRENCE CONSTRUCTION CO.



SECTION B29 B



SECTION B29 C



SECTION B29 D

NOTES
 1. FOR ADDITIONAL INFORMATION, SEE DWG. NO. B29.
 2. MEDIAN COVER MATERIAL SHALL BE 4" PATTERNED CONCRETE. SEE ROADWAY PLANS FOR ADDITIONAL INFORMATION.

- KEY NOTES**
- 1 CONTRACTOR MAY REPLACE WITH [Symbol] 1'-0"
 - 2 FOR DIMENSION "A", SEE DWG. NO. B31.
 - 3 CONCRETE SURROUNDING EXPANSION DEVICE SHALL BE PLACED AFTER EXPANSION DEVICE HAS BEEN ADJUSTED TO PROPER GRADE AND ACCEPTED BY THE ENGINEER.
 - 4 CONTRACTOR MAY SUBSTITUTE #4 [Symbol] @ 1'-0" DRILLED AND GROUTED INTO APPROACH SLAB USING HILTI HIT HY-150 INJECTION ADHESIVE OR ENGINEER APPROVED EQUAL.
 - 5 CONTRACTOR MAY DRILL AND GROUT MEDIAN CURB DOWELS INTO APPROACH SLAB USING HILTI HIT HY-150 INJECTION ADHESIVE OR APPROVED EQUAL.
 - 6 MINIMUM LAP SPLICE FOR ALL # 5 BARS.
 - 7 APPROACH SLAB THICKNESS VARIES ACROSS WIDTH OF SHOULDER. AT B.F. ABUT., THICKNESS VARIES FROM 1'-1/2" AT EDGE OF LANE TO 1'-0" AT GUTTER LINE. SLAB THICKNESS VARIES ALONG GUTTER LINE, FROM 1'-0" AT B.F. ABUT. TO 1'-1/2" AT END OF APPROACH SLAB. APPLY CONCRETE SEALER TO ROAD SURFACE.
 - 8 PROVIDE 2" ELECTRICAL CONDUIT THRU WEST APPROACH SLAB ONLY.
 - 9 PROVIDE EXPANSION/CONTRACTION COUPLERS AT BRIDGE EXPANSION DEVICES.
 - 10 MEDIAN COVER AND CLASS B CONCRETE INFILL MAY BE PLACED MONOLITHICALLY. COST OF CLASS B CONCRETE SHALL BE INCLUDED IN THE COST OF ITEM 610, MEDIAN COVER MATERIAL (4" PATTERNED CONCRETE).
 - 11 7/2" AT B.F. OF ABUT. 6" AT END OF APPROACH SLAB.

Computer File Information

Creation Date:	08/29/05	Initials:	ARP
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Drawing File Name:	brap01.dgn		
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Units:	ENGLISH		

Sheet Revisions

02-03-09	VALUE ENGINEERING ITEM NO.2	JWS
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REGION 2

As Constructed

No Revisions:
Revised: <i>BMH 12-23-09</i>
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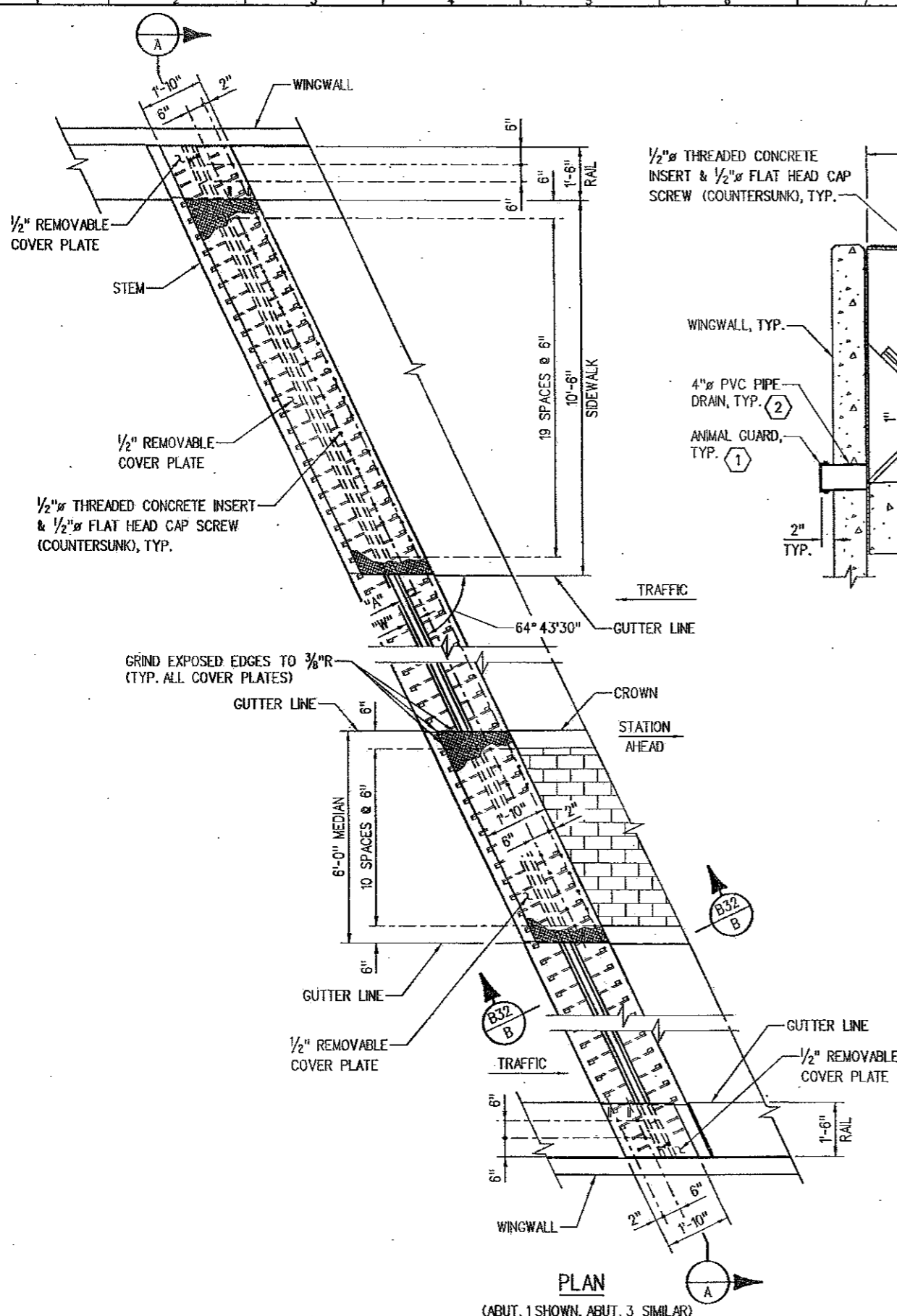
BAPTIST ROAD OVER I-25 APPROACH SLAB DETAILS

Designer:	D. Nemovitz	Structure Numbers:	H-17-DC
Detailer:	A. Pelster	Sheet Subset:	BRIDGE
Subst Sheets: B30		of 42	

Project No./Code

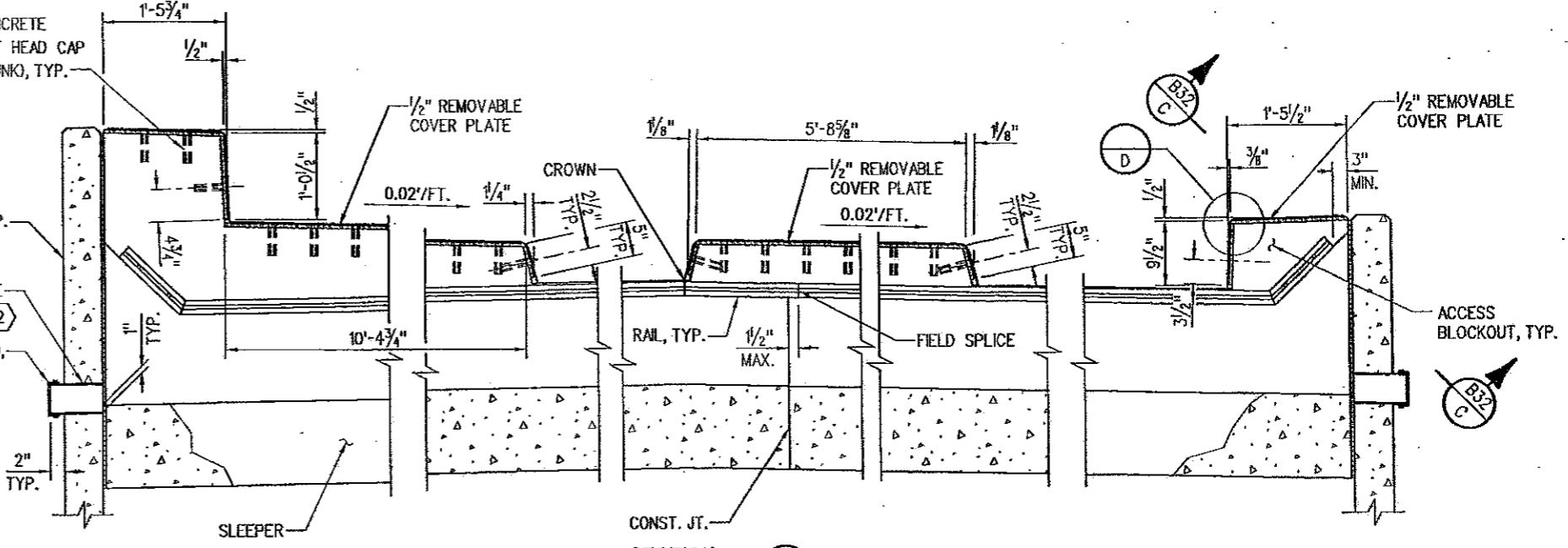
IM 252-341
13388
Sheet Number 76

Revision Dates (Preliminary Stage Only)	
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Design	
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SA	SA
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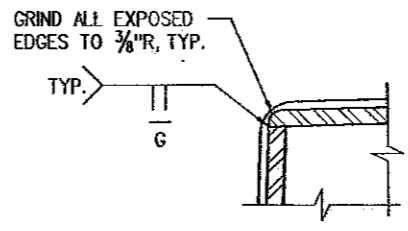


PLAN
(ABUT. 1 SHOWN, ABUT. 3 SIMILAR)

1/2" THREADED CONCRETE INSERT & 1/2" FLAT HEAD CAP SCREW (COUNTERSUNK), TYP.



SECTION A
(HORIZONTAL DIMENSIONS MEASURED NORMAL TO & BAPTIST RD.)



DETAIL D

NOTES

1. THE EXPANSION DEVICE SHALL BE INSTALLED ON GRADE, PARALLEL TO THE SLOPE AND GRADE OF THE DECK.
2. HORIZONTAL SURFACES OF SIDEWALK COVER PLATE AND MEDIAN COVER PLATE SHALL BE 4-WAY SAFETY PLATE. ALL COVER PLATES AND CONCRETE INSERTS SHALL BE GALVANIZED AND SHALL BE INCLUDED IN ITEM 518, BRIDGE EXPANSION DEVICE (0-4 INCH).
3. DO NOT PAINT STEEL SURFACES IN CONTACT WITH EITHER CONCRETE OR SEAL.
4. "W", "H" AND "E" DIMENSIONS ARE DEPENDANT UPON THE PARTICULAR EXPANSION DEVICE SUPPLIED, AND SHALL BE SHOWN ON THE SHOP DRAWINGS. "E" = 1/4" MIN.
5. SET DIMENSION "A" - 2 INCHES.
6. COVER PLATES SHALL BE RECESSED 1/4" INSIDE FACE OF CONCRETE.
7. THE NEOPRENE GLAND SHALL BE INSTALLED IN ONE PIECE IN ACCORDANCE WITH SECTION 518 OF THE STANDARD SPECIFICATIONS.
8. SEE SECTION 518 IN THE STANDARD SPECIFICATIONS FOR WATER TIGHT INTEGRITY TESTING REQUIREMENTS.
9. PROVIDE 2" MINIMUM CLEAR COVER FROM CONCRETE SURFACES TO ANCHOR BARS AND ANCHOR STUDS.
10. FOR APPROACH SLAB AND SLEEPER SLAB DETAILS, SEE DWG. NOS. B29 & B30.
11. SEE DWG. NO. B32 FOR ADDITIONAL EXPANSION DEVICE INFORMATION.
12. COST OF DRAIN AND ANIMAL GUARD SHALL BE INCLUDED IN THE WORK.

KEY NOTES

- 1 ANIMAL GUARD SHALL BE 12 GA. (MIN.) WIRE MESH WITH 1/2"x1/2" (MAX.) OPENINGS. FASTEN TO DRAIN PIPE WITH STEEL FASTENING BAND OR OTHER APPROVED METHOD.
- 2 SLOPE DRAIN PIPE TO DRAIN TOWARD OUTSIDE FACE OF WING AT 2% MINIMUM.

ACCEPTABLE ALTERNATES

D.S. BROWN A2R400-SSA2
WABO SE400 TYPE A
EPOXY ENGINEERED MATERIALS S400-A STRIP SEAL

Computer File Information	
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Last Modification Date:	10/25/06 Initials: ERS
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Drawing File Name: brex01.dgn	
CAD Ver.:	MicroStation V8
Scale:	NONF
Units:	ENGLISH

Sheet Revisions	

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REGION 2

As Constructed	
No Revisions:	GmH 12.23.07
Revised:	
Void:	

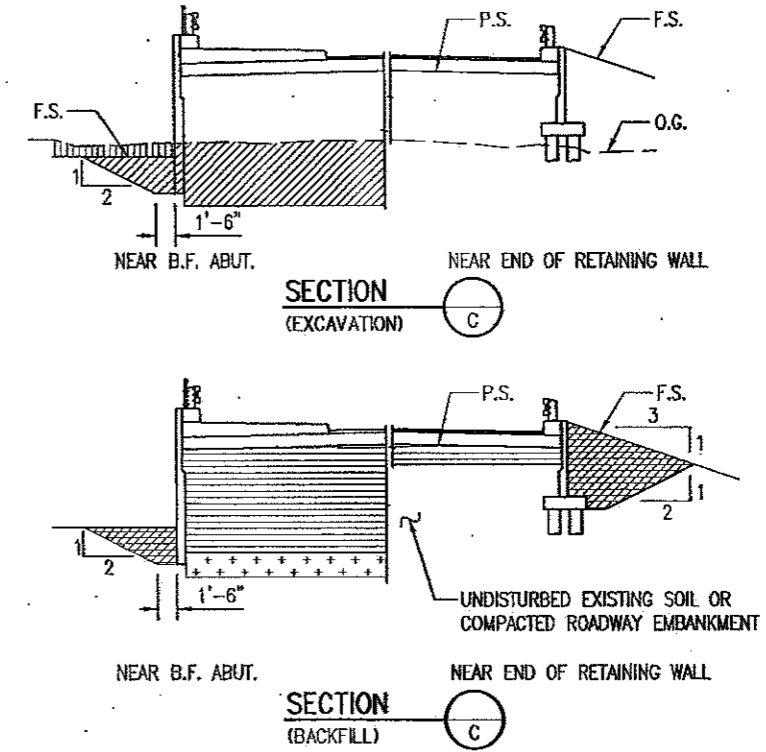
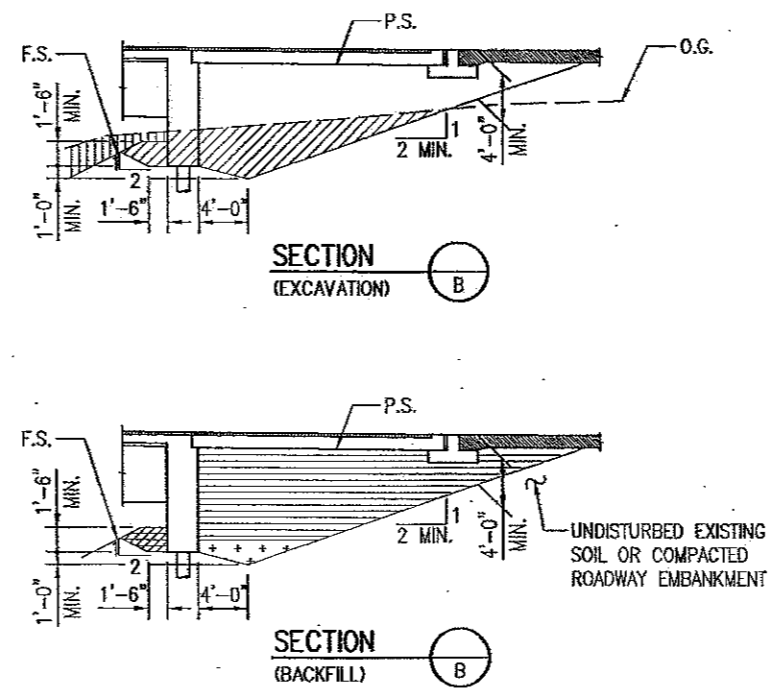
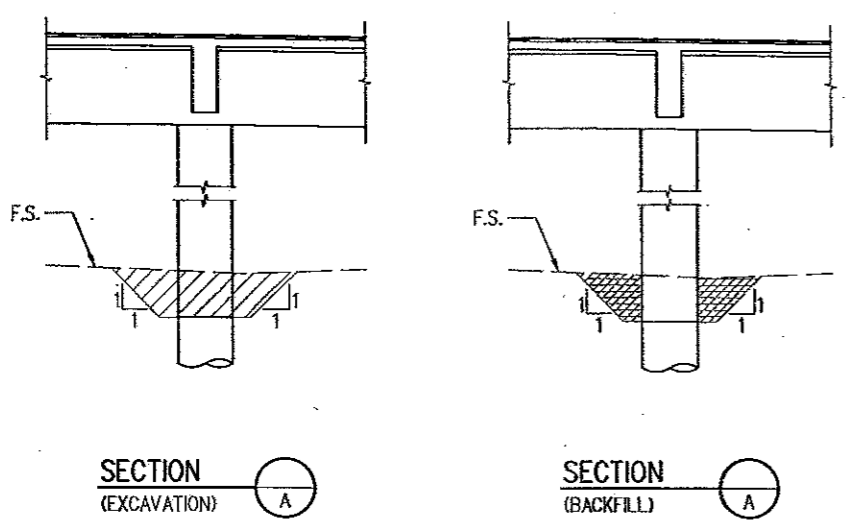
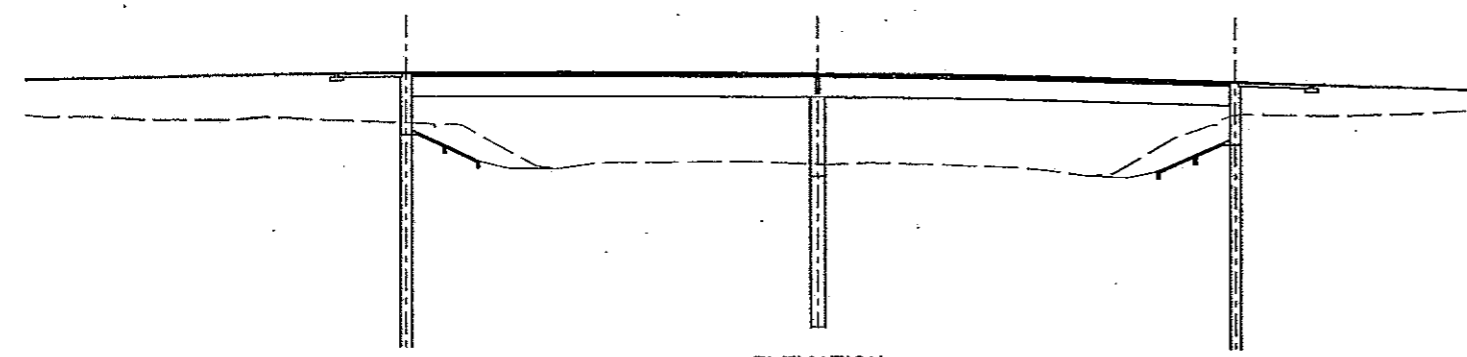
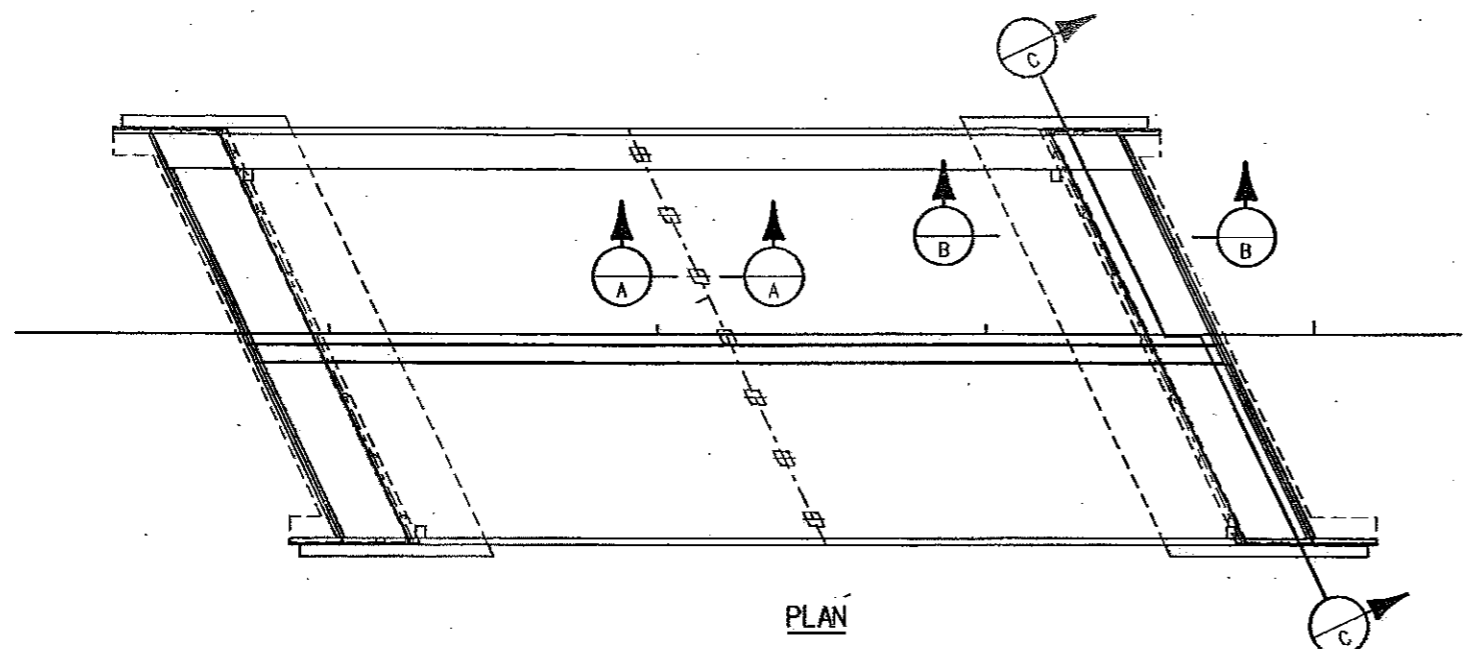
BAPTIST ROAD OVER I-25 BRIDGE EXPANSION DEVICE (0-4 INCH) (1 OF 2)			
Designer:	D. Nemovitz	Structure	H-17-DC
Detailer:	A. Pelster	Numbers	
Sheet Subset:	BRIDGE	Subset Sheets:	R31 of 42

Project No./Code	
	IM 252-341
	13388
	Sheet Number 77

Revision Dates	Initial	Date
(Preliminary Stage Only)	AGW	03/06
	KAL	03/06

Design	Initial	Date
Designed By: DAN	ERS	09/05
Checked By: AGW	AGW	03/06

Detail	Initial	Date
Detailed By: DAN	ERS	09/05
Checked By: AGW	AGW	03/06



- NOTES**
- UNLESS SHOWN OTHERWISE IN THE PLANS, THIS DRAWING GIVES THE PAY LIMITS FOR STRUCTURE EXCAVATION AND STRUCTURE BACKFILL. THE CONTRACTOR MAY ELECT TO EXTEND THE STRUCTURE EXCAVATION AND STRUCTURE BACKFILL BEYOND THE LIMITS SHOWN HERE. ANY ADDITIONAL EXCAVATION OR BACKFILL BEYOND THESE LIMITS WILL NOT BE MEASURED NOR PAID FOR. STRUCTURE BACKFILL MATERIAL PLACED OUTSIDE OF THESE PAY LIMITS SHALL MEET THE REQUIREMENTS OF THE STRUCTURE BACKFILL MATERIAL SHOWN WITHIN THE PAY LIMITS: STRUCTURE BACKFILL (CLASS 2) OR (CLASS 1), AS SHOWN ON DWG. NO. B35.
 - STRUCTURE EXCAVATION FOR SLOPE PAVING NOT SHOWN. FOR SLOPE PAVING DETAILS, SEE DWG. NO. B35.

ABBREVIATIONS

- O.G. ORIGINAL GROUND
- P.S. PLANNED SUBGRADE
- F.S. PLANNED FINISHED GRADE

LEGEND

- ROADWAY EXCAVATION
- STRUCTURE EXCAVATION
- STRUCTURE BACKFILL (CLASS 1) WITH MECHANICAL REINFORCEMENT OF SOIL
- STRUCTURE BACKFILL (CLASS 2)
- FILTER MATERIAL

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Drawing File Name:	breb01.dgn		
CAD Ver.:	MicroStation VB	Scale:	NONE
Units:	ENGLISH		

Sheet Revisions

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REGION 2

As Constructed

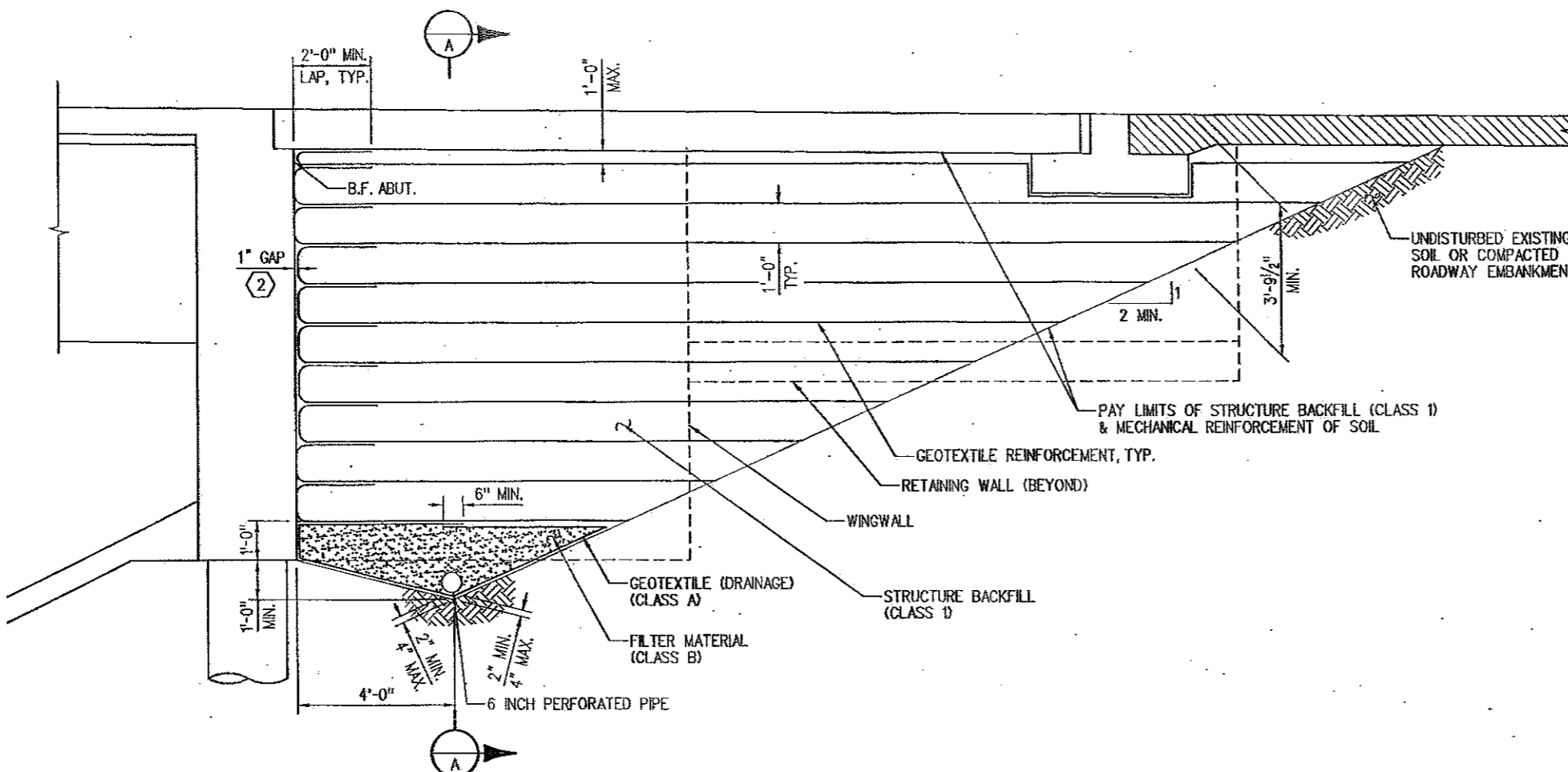
No Revisions:	GMH 12-23-09
Revised:	
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BAPTIST ROAD OVER I-25 EXCAVATION & BACKFILL

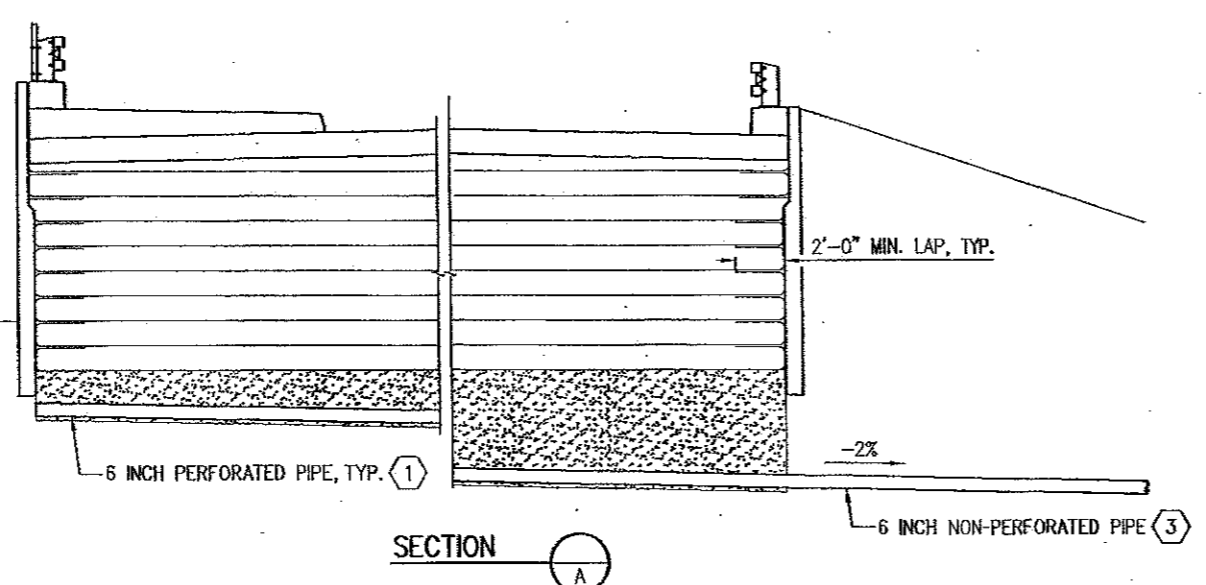
Designer:	D. Nemovitz	Structure Numbers:	H-17-DC
Detailer:	E. Schawo		
Sheet Subset:	BRIDGF	Subset Sheets:	B33 of 47

Project No./Code

	IM 252-341
	13388
Sheet Number	79



SECTION PERPENDICULAR TO ABUTMENT



SECTION A

KEY NOTES

- ① SLOPE TO DRAIN TOWARD THE NORTH AT 2% MINIMUM. AFTER CLEARING THE WINGWALL, CONTINUE RUN WITH 6 INCH NON-PERFORATED PIPE TO DAYLIGHT. BENDS IN PIPE SHALL NOT EXCEED 45°.
- ② PROVIDE 1" GAP BETWEEN ABUTMENT AND BACKFILL. DO NOT PROVIDE GAP AT THE BOTTOM 2, NOR THE TOP 2, LAYERS OF REINFORCED SOIL. METHOD OF MAINTAINING 1" GAP DURING CONSTRUCTION SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL.
- ③ THE 6 INCH NON-PERFORATED PIPE OUTLET END SHALL BE MARKED WITH A DELINEATOR POST, AND HAVE AN ANIMAL GUARD AND AN EROSION CONTROL PAD AS SHOWN IN "OUTLET PIPE END TREATMENT" DETAIL ON STANDARD PLAN NO. M-605-1.

NOTES

- 1. PAYMENT WILL BE MADE UNDER ITEM 206, MECHANICAL REINFORCEMENT OF SOIL, AND ITEM 206, STRUCTURE BACKFILL (CLASS 1). ALL WORK AND MATERIALS NECESSARY TO INSTALL 6 INCH PERFORATED PIPE UNDERDRAIN, AND SUBSURFACE DRAIN OUTLET WILL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE WORK.
- 2. 6 INCH PERFORATED PIPE UNDERDRAIN INCLUDES THE GEOTEXTILE (DRAINAGE) (CLASS A) SURROUNDING THE FILTER MATERIAL.
- 3. SUBSURFACE DRAIN OUTLET INCLUDES 6 INCH NON-PERFORATED PIPE, END TREATMENT AND ANY COUPLERS OR ELBOWS NECESSARY FOR INSTALLATION.
- 4. THE REINFORCEMENT AND BACKFILL OF EACH LAYER SHALL BE PLACED IN SEQUENCE AND COMPACTED COMPLETELY BEFORE MOVING TO THE NEXT UPPER LAYER. GEOTEXTILE (REINFORCEMENT) SHALL BE PLACED BY ALTERNATING MACHINE DIRECTION (MD) WITH CROSS MACHINE DIRECTION (XD) FROM LAYER TO LAYER.
- 5. GEOTEXTILE (REINFORCEMENT) SHALL BE WOVEN FABRIC WITH A MINIMUM AVERAGE ROLL VALUE OF 4800 LB PER FT. BASED ON ASTM D4595.
- 6. THE GEOTEXTILE REINFORCEMENT WRAP AT BACK FACE OF ABUTMENT SHALL BE PULLED BACK SLACK-FREE WITH ITS END ANCHORED TO SOIL UNDERNEATH WITH STAPLES OR PINS.
- 7. MINIMUM SPLICE OF ALL GEOTEXTILE SHALL CONSIST OF 6 INCH OVERLAP.
- 8. INSTALLATION OF PERFORATED PIPE AND SUBSURFACE DRAIN OUTLET WILL CONFORM TO THE CONSTRUCTION REQUIREMENTS OF SECTION 605.03 AND 605.06, RESPECTIVELY.

Revision Dates (Preliminary Stage Only)			
DATE	INITIAL	DATE	INITIAL
03/08	AGW	03/08	KAL
Design			
DATE	INITIAL	DATE	INITIAL
01/06	DAN	09/05	ERS
03/08	AGW	03/08	AGW
Designed By: DAN			
Checked By: AGW			
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Sheet Revisions	

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REGION 2

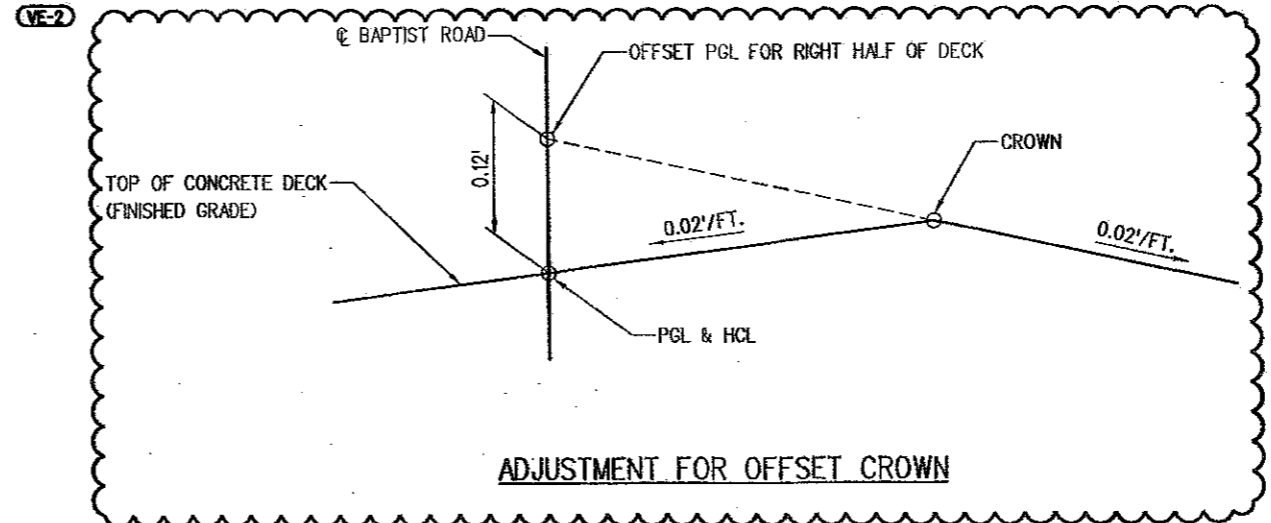
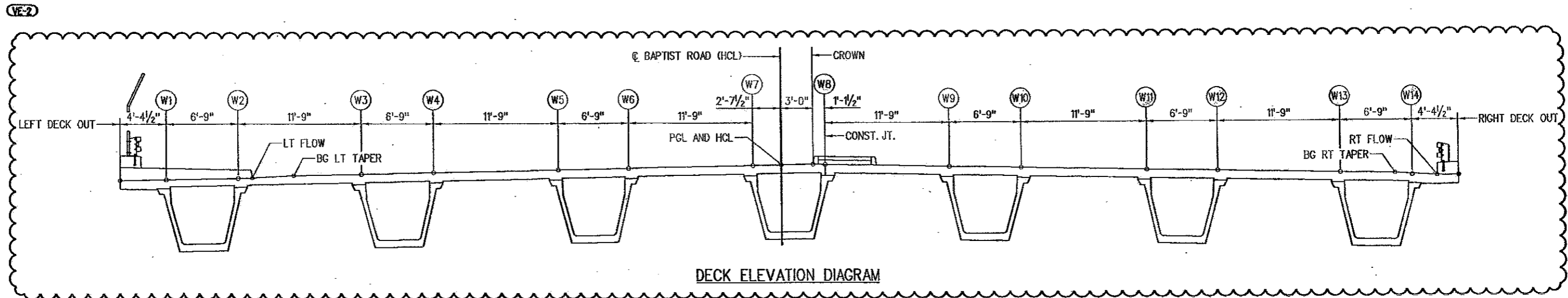
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BAPTIST ROAD OVER I-25 MECHANICALLY STABILIZED BACKFILL	
Designer:	D. Nemovitz
Detailer:	E. Schawo
Structure Numbers:	H-17-DC
Sheet Subset:	BRIDGE
Subset Sheets:	B34 of 42

Project No./Code	IM 252-341
	13388
Sheet Number	80

Revision Dates (Preliminary Stage Only)	

Design		Detail	
INITIAL	DATE	INITIAL	DATE
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Checked By	Checked By	Checked By	Checked By
AGW	AGW	AGW	AGW
1:54:53 PM			



NOTES
 1. ALL TRANSVERSE DIMENSIONS ARE HORIZONTAL.

VE-2 VALUE ENGINEERING ITEM NO. 2-SUBSTITUTE BRIDGE DECK METAL FORMING SYSTEM WITH PRECAST CONCRETE DECK PANELS. REVISIONS PERFORMED BY TSIQIVARAS SIMMONS HOLDERNESS FOR LAWRENCE CONSTRUCTION CO.

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		BAPTIST ROAD OVER I-25 DECK ELEVATION DIAGRAM		Project No./Code	
Creation Date:	12/27/05	Initials:	ARP	02-03-09	VALUE ENGINEERING ITEM NO.2	JWS	No Revisions:	IM 252-341		13388	
Last Modification Date:	02/05/09	Initials:	PMH				Revised:	GML 12-23-09		13388	
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								Designer: A. Pelster		Structure: H-17-DC	
								Detailer: A. Pelster		Numbers: 13388	
								Sheet Subst: BRIDGE		Subset Sheets: B.36 of 47	
										Sheet Number: 82	

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DOT **PBS**

REGION 2

KEY NOTES

1 THESE ELEVATIONS ARE AT FINISHED GRADE WHICH IS .125 FEET BELOW THE PROJECTED CROSS SLOPE AS REQUIRED FOR THE TAPER AS SHOWN ON THE DECK SECTION.

Run date & time = Fri Jan 23 13:55:12 2009

Input Northing Offset = 45756.640000
Input Easting Offset = 85172.698000
Input Bearing = N 89 53 15.3949 E

DESCRIPTION
Units: feet;
Project: IM 252-341; Subaccount: H-17-BG;
Designer: SA; Detailer: ARP;
Location: CO;
Baptist Road over I-25

HORIZONTAL ALIGNMENT DATA

HORIZONTAL TANGENT

VERTICAL ALIGNMENT DATA

ELEVATION AT PI	ELEVATION AT GRADE	STATION	ELEVATION AT GRADE	ELEVATION AT PI	PERCENT GRADE
					3.845000
		30+35.0000	PC 6858.6320		
		32+75.0000	PI 6863.1530	6867.8600	
		35+15.0000	PT 6858.2600		
					-4.000000

TABLE OF ROADWAY CROSS-SLOPES (SUPERELEVATION: E-NC-)

STATION	SLOPE LEFT	SLOPE RIGHT	VC LENGTH
(ON TANGENT)	-0.0200	0.0200	75.00 (MAX)

OFFSET PROFILE CONTROL TO PIVOT POINT = 3.0000 FEET RIGHT

LIMITS OF VALID ELEVATION AND CROSS-SLOPE DATA

LAYOUT LINE DATA	BEGIN	END
	* UNLIMITED *	* UNLIMITED *

LAYOUT LINE DEFINED TO BE COINCIDENT WITH HORIZONTAL CONTROL

LAYOUT LINE INTERSECTS REF LINE AT

DEAD LOAD DEFLECTION DATA

FOR BENT LINE: CL BRG A1	07 CARD(S): 1	GIRDER LINES REFERENCED BY: a
INCH 0.0000	0.8553	1.6266
FOOT 0.0000	0.0721	0.1355
SLOPE 0.742133		-0.742133 SLOPE

FOR BENT LINE: BK BRG P2	07 CARD(S): 1	GIRDER LINES REFERENCED BY: a
INCH 0.0000	0.8715	1.6755
FOOT 0.0000	0.0726	0.1396
SLOPE 0.722360		-0.722360 SLOPE

BENT LINE :	INTERSECTION POINT :	FROM LAYOUT LINE :	PROJECT COORDINATES :	BENT LINE :	GIRDER LINE :	ROADWAY :
DESCRIPTION :	STATION	OFFSET	ELEVATION	FROM LAYOUT LINE :	LENGTH FROM	CROSS-SLOPE
		X	Y	OFFSET	ORDINATE	
				NORTHING	EASTING	
				Y-AXIS	D H S	

* HORIZONTAL CONTROL LINE * AT FINISHED GRADE

REF LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LNTH	SKEW	GIRDER LNTH	CRS-SLP
BP ABUT 1	31+64.6997	-62.5000	6860.8693	-62.5000	64.6997	66.6997	46819.2668	85237.2670	-69.1166	-25 16 30.00	94.2100	-0.020000
CL BRG A1	31+66.3557	-62.5000	6860.8976	-62.5000	66.3557	68.3557	46819.2700	85238.9230	-69.1166	-25 16 30.00	95.8660	-0.020000
F-1	31+78.7450	-62.5000	6861.0955	-62.5000	78.7450	80.7450	46819.2943	85251.3122	-69.1166	-25 16 30.00	108.2553	-0.020000
F-2	31+91.1343	-62.5000	6861.2682	-62.5000	91.1343	93.1343	46819.3186	85263.7015	-69.1166	-25 16 30.00	120.6446	-0.020000
F-3	32+03.5236	-62.5000	6861.4159	-62.5000	03.5236	05.5236	46819.3429	85276.0908	-69.1166	-25 16 30.00	133.0399	-0.020000
F-4	32+15.9129	-62.5000	6861.5385	-62.5000	15.9129	17.9129	46819.3673	85288.4801	-69.1166	-25 16 30.00	145.4232	-0.020000
F-5	32+28.3022	-62.5000	6861.6360	-62.5000	28.3022	30.3022	46819.3916	85300.8694	-69.1166	-25 16 30.00	157.8125	-0.020000
F-6	32+40.6915	-62.5000	6861.7084	-62.5000	40.6915	42.6915	46819.4159	85313.2586	-69.1166	-25 16 30.00	170.2018	-0.020000
F-7	32+53.0808	-62.5000	6861.7557	-62.5000	53.0808	55.0808	46819.4402	85325.6479	-69.1166	-25 16 30.00	182.5911	-0.020000
F-8	32+65.4701	-62.5000	6861.7780	-62.5000	65.4701	67.4701	46819.4645	85338.0372	-69.1166	-25 16 30.00	194.9804	-0.020000
F-9	32+77.8594	-62.5000	6861.7751	-62.5000	77.8594	79.8594	46819.4888	85350.4265	-69.1166	-25 16 30.00	207.3697	-0.020000
AK BRG P2	32+90.2487	-62.5000	6861.7472	-62.5000	90.2487	92.2487	46819.5131	85362.8157	-69.1166	-25 16 30.00	219.7590	-0.020000
CL PIER 2	32+91.3557	-62.5000	6861.7435	-62.5000	91.3557	93.3557	46819.5152	85363.9227	-69.1166	-25 16 30.00	220.8660	-0.020000
BK BRG P2	32+92.4627	-62.5000	6861.7395	-62.5000	92.4627	94.4627	46819.5174	85365.0297	-69.1166	-25 16 30.00	221.9730	-0.020000
F-1	33+05.0520	-62.5000	6861.6809	-62.5000	05.0520	07.0520	46819.5421	85377.6190	-69.1166	-25 16 30.00	234.3623	-0.020000
F-2	33+17.4413	-62.5000	6861.5964	-62.5000	17.4413	19.4413	46819.5668	85390.2083	-69.1166	-25 16 30.00	247.1516	-0.020000
F-3	33+30.2306	-62.5000	6861.4859	-62.5000	30.2306	32.2306	46819.5915	85402.7976	-69.1166	-25 16 30.00	259.7409	-0.020000
F-4	33+42.8199	-62.5000	6861.3496	-62.5000	42.8199	44.8199	46819.6162	85415.3868	-69.1166	-25 16 30.00	272.3302	-0.020000
F-5	33+55.4092	-62.5000	6861.1873	-62.5000	55.4092	57.4092	46819.6409	85427.9761	-69.1166	-25 16 30.00	284.9195	-0.020000
F-6	33+67.9985	-62.5000	6860.9992	-62.5000	67.9985	69.9985	46819.6656	85440.5654	-69.1166	-25 16 30.00	297.5088	-0.020000
F-7	33+80.5878	-62.5000	6860.7851	-62.5000	80.5878	82.5878	46819.6903	85453.1547	-69.1166	-25 16 30.00	310.0981	-0.020000
F-8	33+93.1771	-62.5000	6860.5451	-62.5000	93.1771	95.1771	46819.7150	85465.7439	-69.1166	-25 16 30.00	322.6874	-0.020000
F-9	34+05.7664	-62.5000	6860.2793	-62.5000	05.7664	07.7664	46819.7397	85478.3332	-69.1166	-25 16 30.00	335.2767	-0.020000
CL BRG A3	34+18.3557	-62.5000	6859.9875	-62.5000	18.3557	20.3557	46819.7644	85490.9225	-69.1166	-25 16 30.00	347.8660	-0.020000
BP ABUT 3	34+20.0117	-62.5000	6859.9472	-62.5000	20.0117	22.0117	46819.7676	85492.5785	-69.1166	-25 16 30.00	349.5220	-0.020000

REF LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LNTH	SKEW	GIRDER LNTH	CRS-SLP
BP ABUT 1	31+64.6997	-62.5000	6860.8693	-62.5000	64.6997	66.6997	46819.2668	85237.2670	-69.1166	-25 16 30.00	94.2100	-0.020000
CL BRG A1	31+66.3557	-62.5000	6860.8976	-62.5000	66.3557	68.3557	46819.2700	85238.9230	-69.1166	-25 16 30.00	95.8660	-0.020000
F-1	31+78.7450	-62.5000	6861.0955	-62.5000	78.7450	80.7450	46819.2943	85251.3122	-69.1166	-25 16 30.00	108.2553	-0.020000
F-2	31+91.1343	-62.5000	6861.2682	-62.5000	91.1343	93.1343	46819.3186	85263.7015	-69.1166	-25 16 30.00	120.6446	-0.020000
F-3	32+03.5236	-62.5000	6861.4159	-62.5000	03.5236	05.5236	46819.3429	85276.0908	-69.1166	-25 16 30.00	133.0399	-0.020000
F-4	32+15.9129	-62.5000	6861.5385	-62.5000	15.9129	17.9129	46819.3673	85288.4801	-69.1166	-25 16 30.00	145.4232	-0.020000
F-5	32+28.3022	-62.5000	6861.6360	-62.5000	28.3022	30.3022	46819.3916	85300.8694	-69.1166	-25 16 30.00	157.8125	-0.020000
F-6	32+40.6915	-62.5000	6861.7084	-62.5000	40.6915	42.6915	46819.4159	85313.2586	-69.1166	-25 16 30.00	170.2018	-0.020000
F-7	32+53.0808	-62.5000	6861.7557	-62.5000	53.0808	55.0808	46819.4402	85325.6479	-69.1166	-25 16 30.00	182.5911	-0.020000
F-8	32+65.4701	-62.5000	6861.7780	-62.5000	65.4701	67.4701	46819.4645	85338.0372	-69.1166	-25 16 30.00	194.9804	-0.020000
F-9	32+77.8594	-62.5000	6861.7751	-62.5000	77.8594	79.8594	46819.4888	85350.4265	-69.1166	-25 16 30.00	207.3697	-0.020000
AK BRG P2	32+90.2487	-62.5000	6861.7472	-62.5000	90.2487	92.2487	46819.5131	85362.8157	-69.1166	-25 16 30.00	219.7590	-0.020000
CL PIER 2	32+91.3557	-62.5000	6861.7435	-62.5000	91.3557	93.3557	46819.5152	85363.9227	-69.1166	-25 16 30.00	220.8660	-0.020000
BK BRG P2	32+92.4627	-62.5000	6861.7395	-62.5000	92.4627	94.4627	46819.5174	85365.0297	-69.1166	-25 16 30.00	221.9730	-0.020000
F-1	33+05.0520	-62.5000	6861.6809	-62.5000	05.0520	07.0520	46819.5421	85377.6190	-69.1166	-25 16 30.00	234.3623	-0.020000
F-2	33+17.4413	-62.5000	6861.5964	-62.5000	17.4413	19.4413	46819.5668	85390.2083	-69.1166	-25 16 30.00	247.1516	-0.020000
F-3	33+30.2306	-62.5000	6861.4859	-62.5000	30.2306	32.2306	46819.5915	85402.7976	-69.1166	-25 16 30.00	259.7409	-0.020000
F-4	33+42.8199	-62.5000	6861.3496	-62.5000	42.8199	44.8199	46819.6162	85415.3868	-69.1166	-25 16 30.00	272.3302	-0.020000
F-5	33+55.4092	-62.5000	6861.1873	-62.5000	55.4092	57.4092	46819.6409	85427.9761	-69.1166	-25 16 30.00	284.9195	-0.020000
F-6	33+67.9985	-62.5000	6860.9992	-62.5000	67.9985	69.9985	46819.6656	85440.5654	-69.1166	-25 16 30.00	297.5088	-0.020000
F-7	33+80.5878	-62.5000	6860.7851	-62.5000	80.5878	82.5878	46819.6903	85453.1547	-69.1166	-25 16 30.00	310.0981	-0.020000
F-8	33+93.1771	-62.5000	6860.5451	-62.5000	93.1771	95.1771	46819.7150	85465.7439	-69.1166	-25 16 30.00	322.6874	-0.020000
F-9	34+05.7664	-62.5000	6860.2793	-62.5000	05.7664	07.7664	46819.7397	85478.3332	-69.1166	-25 16 30.00	335.2767	-0.020000
CL BRG A3	34+18.3557	-62.5000	6859.9875	-62.5000	18.3557	20.3557	46819.7644	85490.9225	-69.1166	-25 16 30.00	347.8660	-0.020000
BP ABUT 3	34+20.0117	-62.5000	6859.9472	-62.5000	20.0117	22.0117	46819.7676	85492.5785	-69.1166	-25 16 30.00	349.5220	-0.020000

REF LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LNTH	SKEW	GIRDER LNTH	CRS-SLP
BP ABUT 1	31+64.6997	-62.5000	6860.8									

N4											N5															
PARALLEL TO HORIZONTAL CONTROL											PARALLEL TO HORIZONTAL CONTROL															
BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LNTH	SKEW	GIRDER LNTH	CRS-SLP	BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LNTH	SKEW	GIRDER LNTH	CRS-SLP	
REF LINE	30476.3918	-50.0000	6858.9585	-50.0000	-23.6082	-23.6082	46806.5936	85148.9838	-55.2933	-25 16 30.00	0.0000	-0.020000	*REF LINE*	30484.4776	-32.8750	6859.6769	-32.8750	-15.5224	-15.5224	46789.4845	85157.1031	-36.3553	-25 16 30.00	0.0000	-0.020000	
BF ABUT 1	31470.5018	-50.0000	6861.2183	-50.0000	-23.6082	-23.6082	46806.7784	85243.1936	-55.2933	-25 16 30.00	94.2100	-0.020000	BF ABUT 1	31478.6876	-32.8750	6861.8121	-32.8750	-15.5224	-15.5224	46789.6693	85251.3130	-36.3553	-25 16 30.00	94.2100	-0.020000	
CL BRG A1	31472.2578	-50.0000	6861.2450	861.2450	-50.0000	72.2578	46806.7816	85244.8496	-55.2933	-25 16 30.00	95.8660	-0.020000	CL BRG A1	31480.3436	-32.8750	6861.8367	861.8367	-32.8750	-15.5224	-15.5224	46789.6725	85252.9690	-36.3553	-25 16 30.00	95.8660	-0.020000
F-1	31484.6471	-50.0000	6861.4309	861.5030	-50.0000	84.6471	46806.8059	85257.2389			108.2553	-0.020000	F-1	31492.7329	-32.8750	6862.0062	862.0783	-32.8750	-15.5224	-15.5224	46789.6968	85265.3582			108.2553	-0.020000
F-2	31497.0364	-50.0000	6861.5917	861.7273	-50.0000	97.0364	46806.8302	85269.6281			120.6446	-0.020000	F-2	32405.1222	-32.8750	6862.1506	862.2862	-32.8750	-15.5224	-15.5224	46789.7211	85277.7475			120.6446	-0.020000
F-3	32409.4257	-50.0000	6861.7274	861.9122	-50.0000	109.4257	46806.8546	85282.0174			133.0339	-0.020000	F-3	32417.5115	-32.8750	6862.2700	862.4548	-32.8750	-15.5224	-15.5224	46789.7454	85290.1368			133.0339	-0.020000
F-4	32421.8150	-50.0000	6861.8381	862.0540	-50.0000	121.8150	46806.8789	85294.4067			145.4232	-0.020000	F-4	32429.9008	-32.8750	6862.3642	862.5802	-32.8750	-15.5224	-15.5224	46789.7697	85302.5261			145.4232	-0.020000
F-5	32434.2043	-50.0000	6861.9236	862.1502	-50.0000	134.2043	46806.9032	85306.7960			157.8125	-0.020000	F-5	32442.2901	-32.8750	6862.4334	862.6600	-32.8750	-15.5224	-15.5224	46789.7941	85314.9153			157.8125	-0.020000
F-6	32446.5936	-50.0000	6861.9841	862.2060	-50.0000	146.5936	46806.9275	85319.1852			170.2018	-0.020000	F-6	32454.6794	-32.8750	6862.4775	862.6934	-32.8750	-15.5224	-15.5224	46789.8184	85327.3046			170.2018	-0.020000
F-7	32458.9829	-50.0000	6862.0194	862.2042	-50.0000	158.9829	46806.9518	85331.5745			182.5911	-0.020000	F-7	32467.0687	-32.8750	6862.4965	862.6813	-32.8750	-15.5224	-15.5224	46789.8427	85339.6939			182.5911	-0.020000
F-8	32471.3722	-50.0000	6862.0297	862.1653	-50.0000	171.3722	46806.9761	85343.9638			194.9804	-0.020000	F-8	32479.4580	-32.8750	6862.4904	862.6260	-32.8750	-15.5224	-15.5224	46789.8670	85352.0832			194.9804	-0.020000
F-9	32483.7615	-50.0000	6862.0149	862.0870	-50.0000	183.7615	46807.0004	85356.3531			207.3697	-0.020000	F-9	32491.8473	-32.8750	6862.4592	862.5314	-32.8750	-15.5224	-15.5224	46789.8913	85364.4724			207.3697	-0.020000
AR BRG P2	32496.1508	-50.0000	6861.9751	861.9751	-50.0000	196.1508	46807.0247	85368.7423	-55.2933	-25 16 30.00	219.7590	-0.020000	AR BRG P2	33404.2366	-32.8750	6862.4030	862.4030	-32.8750	-15.5224	-15.5224	46789.9156	85376.8617	-36.3553	-25 16 30.00	219.7590	-0.020000
CL PIER 2	32497.2578	-50.0000	6861.9703	-50.0000	-23.6082	-23.6082	46807.0268	85369.8493	-55.2933	-25 16 30.00	220.8660	-0.020000	CL PIER 2	33405.3436	-32.8750	6862.3967	-32.8750	-15.5224	-15.5224	46789.9177	85377.9687	-36.3553	-25 16 30.00	220.8660	-0.020000	
BK BRG P2	32498.3648	-50.0000	6861.9553	861.9553	-50.0000	198.3648	46807.0290	85370.9563	-55.2933	-25 16 30.00	221.9730	-0.020000	BK BRG P2	33406.4506	-32.8750	6862.3903	862.3903	-32.8750	-15.5224	-15.5224	46789.9199	85379.0757	-36.3553	-25 16 30.00	221.9730	-0.020000
F-1	33410.9541	-50.0000	6861.8945	861.9671	-50.0000	210.9541	46807.0537	85383.3456			234.5623	-0.020000	F-1	33419.0399	-32.8750	6862.3029	862.3755	-32.8750	-15.5224	-15.5224	46789.9446	85391.6650			234.5623	-0.020000
F-2	33423.3434	-50.0000	6861.7978	861.9374	-50.0000	223.3434	46807.0784	85396.1349			247.1516	-0.020000	F-2	33427.1257	-32.8750	6862.2896	862.3292	-32.8750	-15.5224	-15.5224	46789.9693	85404.2543			247.1516	-0.020000
F-3	33436.1327	-50.0000	6861.6752	861.8683	-50.0000	236.1327	46807.1031	85408.7242			259.7409	-0.020000	F-3	33435.0115	-32.8750	6862.2827	862.2827	-32.8750	-15.5224	-15.5224	46789.9940	85416.8435			259.7409	-0.020000
F-4	33448.7220	-50.0000	6861.5267	861.7542	-50.0000	248.7220	46807.1278	85421.3134			272.3302	-0.020000	F-4	33443.8973	-32.8750	6862.2758	862.2434	-32.8750	-15.5224	-15.5224	46789.9940	85416.8435			272.3302	-0.020000
F-5	33461.3113	-50.0000	6861.3523	861.5916	-50.0000	261.3113	46807.1525	85433.9027			284.9195	-0.020000	F-5	33452.7831	-32.8750	6862.2689	862.2010	-32.8750	-15.5224	-15.5224	46789.9940	85416.8435			284.9195	-0.020000
F-6	33473.9006	-50.0000	6861.1520	861.3795	-50.0000	273.9006	46807.1772	85446.4920			297.5088	-0.020000	F-6	33463.6589	-32.8750	6862.2620	862.1585	-32.8750	-15.5224	-15.5224	46789.9940	85416.8435			297.5088	-0.020000
F-7	33486.4899	-50.0000	6860.9258	861.1190	-50.0000	286.4899	46807.2019	85459.0813			310.0981	-0.020000	F-7	33474.5447	-32.8750	6862.2551	862.1160	-32.8750	-15.5224	-15.5224	46789.9940	85416.8435			310.0981	-0.020000
F-8	33499.0792	-50.0000	6860.6737	860.8134	-50.0000	299.0792	46807.2266	85471.6705			322.6874	-0.020000	F-8	33485.4305	-32.8750	6862.2482	862.0735	-32.8750	-15.5224	-15.5224	46789.9940	85416.8435			322.6874	-0.020000
F-9	34411.6685	-50.0000	6860.3957	860.4683	-50.0000	311.6685	46807.2513	85484.2598			335.2767	-0.020000	F-9	34419.3543	-32.8750	6862.2413	862.0310	-32.8750	-15.5224	-15.5224	46789.9940	85416.8435			335.2767	-0.020000
CL BRG A3	34424.2578	-50.0000	6860.0918	860.0918	-50.0000	324.2578	46807.2760	85496.8491	-55.2933	-25 16 30.00	347.8660	-0.020000	CL BRG A3	34432.3436	-32.8750	6862.2344	862.0010	-32.8750	-15.5224	-15.5224	46790.1422	85492.3792	-36.3553	-25 16 30.00	347.8660	-0.020000
BF ABUT 3	34425.9138	-50.0000	6860.0499	-50.0000	-23.6082	-23.6082	46807.2792	85498.5051	-55.2933	-25 16 30.00	349.5220	-0.020000	BF ABUT 3	34433.9996	-32.8750	6862.2275	862.0010	-32.8750	-15.5224	-15.5224	46790.1422	85504.9685	-36.3553	-25 16 30.00	349.5220	-0.020000

N3											N6															
PARALLEL TO HORIZONTAL CONTROL											PARALLEL TO HORIZONTAL CONTROL															
BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LNTH	SKEW	GIRDER LNTH	CRS-SLP	BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LNTH	SKEW	GIRDER LNTH	CRS-SLP	
REF LINE	30478.2805	-46.0000	6859.2231	-46.0000	-21.7195	-21.7195	46802.5973	85150.8803	-50.8698	-25 16 30.00	0.0000	-0.020000	*REF LINE*	30490.6255	-21.1250	6860.0778	-21.1250	-9.9745	-9.9745	46777.7454	85162.6741	-23.3614	-25 16 30.00	0.0000	-0.020000	
BF ABUT 1	31472.4905	-46.0000	6861.4537	-46.0000	-23.6082	-23.6082	46802.7821	85245.0901	-50.8698	-25 16 30.00	94.2100	-0.020000	BF ABUT 1	31484.2355	-21.1250	6862.1276	-21.1250	-9.9745	-9.9745	46777.9302	85256.0839	-23.3614	-25 16 30.00	94.2100	-0.020000	
CL BRG A1	31474.1465	-46.0000	6861.4800	861.4800	-46.0000	74.1465	46802.7854	85246.7461	-50.8698	-25 16 30.00	95.8660	-0.020000	CL BRG A1	31485.8915	-21.1250	6862.1507	862.1507	-21.1250	-9.9745	-9.9745	46777.9302	85256.0839	-23.3614	-25 16 30.00	95.8660	-0.020000
F-1	31486.5358	-46.0000	6861.6620	861.7341	-46.0000	86.5358	46802.8097	85259.1354			108.2553	-0.020000	F-1	31498.2808	-21.1250	6862.3090	862.3811	-21.1250	-9.9745	-9.9745	46777.9302	85256.0839	-23.3614	-25 16 30.00	108.2553	-0.020000
F-2	31498.9251	-46.0000	6861.8190	861.9546	-46.0000	98.9251	46802.8340	85271.5247			120.6446	-0.020000	F-2	32410.6701	-21.1250	6862.4422	862.5777	-21.1250	-9.9745	-9.9745	46777.9302	85256.0839	-23.3614	-25 16 30.00	120.6446	-0.020000
F-3	32411.3144	-46.0000	6861.9509	862.1357	-46.0000	111.3144	46802.8583	85283.9140			133.0339	-0.020000	F-3	32423.0594	-21.1250	6862.5503	862.7351	-21.1250	-9.9745	-9.9745	46777.9302	85256.0839	-23.3614	-25 16 30.00	133.0339	-0.020000
F-4	32423.7037	-46.0000	6862.0577	862.2737	-46.0000	123.7037	46802.8826	85296.3032			145.4232	-0.020000	F-4	32435.4487	-21.1250	6862.6337	862.8492</									

PARALLEL TO HORIZONTAL CONTROL										AT FINISHED GRADE			
BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LATH	SKEW	GIRDER LATH	CRS-SLP	
REF LINE	30+98.7606	-2.6250	6860.6989		-2.6250	-1.2394	46759.2626	85171.4455	-2.9029	-25 16 30.00	0.0000	-0.020000	
BF ABUT 1	31+92.9706	-2.6250	6862.6142		-2.6250	92.9706	46759.4474	85265.6553	-2.9029	-25 16 30.00	94.2100	-0.020000	
CL BRG A1	31+94.6266	-2.6250	6862.6349	862.6349	-2.6250	94.6266	46759.4506	85267.3113	-2.9029	-25 16 30.00	95.8660	-0.020000	
F-1	32+07.0159	-2.6250	6862.7755	862.8476	-2.6250	107.0159	46759.4749	85279.7005			108.2553	-0.020000	
F-2	32+19.4052	-2.6250	6862.8910	863.0266	-2.6250	119.4052	46759.4992	85292.0898			120.6446	-0.020000	
F-3	32+31.7945	-2.6250	6862.9814	863.1662	-2.6250	131.7945	46759.5235	85304.4791			133.0339	-0.020000	
F-4	32+44.1838	-2.6250	6863.0468	863.2627	-2.6250	144.1838	46759.5478	85316.8684			145.4232	-0.020000	
F-5	32+56.5731	-2.6250	6863.0870	863.3136	-2.6250	156.5731	46759.5721	85329.2576			157.8125	-0.020000	
F-6	32+68.9624	-2.6250	6863.1022	863.3181	-2.6250	168.9624	46759.5964	85341.6469			170.2018	-0.020000	
F-7	32+81.3517	-2.6250	6863.0923	863.2771	-2.6250	181.3517	46759.6207	85354.0362			182.5911	-0.020000	
F-8	32+93.7410	-2.6250	6863.0573	863.1928	-2.6250	193.7410	46759.6450	85366.4255			194.9804	-0.020000	
F-9	33+06.1303	-2.6250	6862.9972	863.0693	-2.6250	206.1303	46759.6693	85378.8148			207.3697	-0.020000	
AH BRG P2	33+18.5196	-2.6250	6862.9120	862.9120	-2.6250	218.5196	46759.6936	85391.2040	-2.9029	-25 16 30.00	219.7590	-0.020000	
CL PIER 2	33+19.6266	-2.6250	6862.9032		-2.6250	219.6266	46759.6958	85392.3110	-2.9029	-25 16 30.00	220.8660	-0.020000	
BK BRG P2	33+20.7336	-2.6250	6862.8941	862.8941	-2.6250	220.7336	46759.6980	85393.4180	-2.9029	-25 16 30.00	221.9730	-0.020000	
F-1	33+33.3229	-2.6250	6862.7773	862.8500	-2.6250	233.3229	46759.7227	85406.0073			234.5623	-0.020000	
F-2	33+45.9122	-2.6250	6862.6346	862.7742	-2.6250	245.9122	46759.7474	85418.5966			247.1516	-0.020000	
F-3	33+58.5015	-2.6250	6862.4860	862.6591	-2.6250	258.5015	46759.7721	85431.1859			259.7409	-0.020000	
F-4	33+71.0908	-2.6250	6862.2715	862.4990	-2.6250	271.0908	46759.7968	85443.7751			272.3302	-0.020000	
F-5	33+83.6801	-2.6250	6862.0511	862.2904	-2.6250	283.6801	46759.8215	85456.3644			284.9195	-0.020000	
F-6	33+96.2694	-2.6250	6861.8047	862.0322	-2.6250	296.2694	46759.8462	85468.9537			297.5088	-0.020000	
F-7	34+08.8587	-2.6250	6861.5325	861.7256	-2.6250	308.8587	46759.8708	85481.5430			310.0981	-0.020000	
F-8	34+21.4480	-2.6250	6861.2344	861.3740	-2.6250	321.4480	46759.8955	85494.1322			322.6874	-0.020000	
F-9	34+34.0373	-2.6250	6860.9103	860.9830	-2.6250	334.0373	46759.9202	85506.7215			335.2767	-0.020000	
CL BRG A3	34+45.6266	-2.6250	6860.5604	860.5604	-2.6250	346.6266	46759.9449	85519.3108	-2.9029	-25 16 30.00	347.8660	-0.020000	
BF ABUT 3	34+48.2826	-2.6250	6860.5124		-2.6250	348.2826	46759.9482	85520.9668	-2.9029	-25 16 30.00	349.5220	-0.020000	

PARALLEL TO HORIZONTAL CONTROL										AT FINISHED GRADE			
BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LATH	SKEW	GIRDER LATH	CRS-SLP	
REF LINE	31+00.0000	0.0000	6860.7860		0.0000	0.0000	46756.6400	85172.6900	0.0000	-25 16 30.00	0.0000	+/- .020000	
BF ABUT 1	31+94.2100	0.0000	6862.6822		0.0000	94.2100	46756.8248	85266.8998	0.0000	-25 16 30.00	94.2100	+/- .020000	
CL BRG A1	31+95.8660	0.0000	6862.7026	862.7026	0.0000	95.8660	46756.8280	85268.5558	0.0000	-25 16 30.00	95.8660	+/- .020000	
F-1	32+08.2553	0.0000	6862.8407	862.9128	0.0000	108.2553	46756.8524	85280.9451			108.2553	+/- .020000	
F-2	32+20.6446	0.0000	6862.9537	863.0892	0.0000	120.6446	46756.8767	85293.3344			120.6446	+/- .020000	
F-3	32+33.0339	0.0000	6863.0416	863.2264	0.0000	133.0339	46756.9010	85305.7236			133.0339	+/- .020000	
F-4	32+45.4232	0.0000	6863.1044	863.3204	0.0000	145.4232	46756.9253	85318.1129			145.4232	+/- .020000	
F-5	32+57.8125	0.0000	6863.1422	863.3687	0.0000	157.8125	46756.9496	85330.5022			157.8125	+/- .020000	
F-6	32+70.2018	0.0000	6863.1548	863.3708	0.0000	170.2018	46756.9739	85342.8915			170.2018	+/- .020000	
F-7	32+82.5911	0.0000	6863.1424	863.3272	0.0000	182.5911	46756.9982	85355.2807			182.5911	+/- .020000	
F-8	32+94.9804	0.0000	6863.1049	863.2404	0.0000	194.9804	46757.0225	85367.6700			194.9804	+/- .020000	
F-9	33+07.3697	0.0000	6863.0423	863.1144	0.0000	207.3697	46757.0468	85380.0593			207.3697	+/- .020000	
AH BRG P2	33+19.7590	0.0000	6862.9546	862.9546	0.0000	219.7590	46757.0711	85392.4486	0.0000	-25 16 30.00	219.7590	+/- .020000	
CL PIER 2	33+20.8660	0.0000	6862.9455		0.0000	220.8660	46757.0732	85393.5556	0.0000	-25 16 30.00	220.8660	+/- .020000	
BK BRG P2	33+21.9730	0.0000	6862.9363	862.9363	0.0000	221.9730	46757.0754	85394.6626	0.0000	-25 16 30.00	221.9730	+/- .020000	
F-1	33+34.3623	0.0000	6862.8169	862.8895	0.0000	234.3623	46757.1001	85407.0518			234.3623	+/- .020000	
F-2	33+47.1516	0.0000	6862.6717	862.8113	0.0000	247.1516	46757.1248	85419.4411			247.1516	+/- .020000	
F-3	33+59.7409	0.0000	6862.5005	862.6936	0.0000	259.7409	46757.1495	85432.4304			259.7409	+/- .020000	
F-4	33+72.3302	0.0000	6862.3034	862.5309	0.0000	272.3302	46757.1742	85445.0197			272.3302	+/- .020000	
F-5	33+84.9195	0.0000	6862.0805	862.3198	0.0000	284.9195	46757.1989	85457.6090			284.9195	+/- .020000	
F-6	33+97.5088	0.0000	6861.8316	862.0591	0.0000	297.5088	46757.2236	85470.1982			297.5088	+/- .020000	
F-7	34+10.0981	0.0000	6861.5568	861.7499	0.0000	310.0981	46757.2483	85482.7875			310.0981	+/- .020000	
F-8	34+22.6874	0.0000	6861.2561	861.3958	0.0000	322.6874	46757.2730	85495.3768			322.6874	+/- .020000	
F-9	34+35.2767	0.0000	6860.9295	861.0022	0.0000	335.2767	46757.2977	85507.9661			335.2767	+/- .020000	
CL BRG A3	34+47.8660	0.0000	6860.5771	860.5771	0.0000	347.8660	46757.3224	85520.5553	0.0000	-25 16 30.00	347.8660	+/- .020000	
BF ABUT 3	34+49.5220	0.0000	6860.5288		0.0000	349.5220	46757.3256	85522.2113	0.0000	-25 16 30.00	349.5220	+/- .020000	

PARALLEL TO HORIZONTAL CONTROL										AT FINISHED GRADE			
BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LATH	SKEW	GIRDER LATH	CRS-SLP	
REF LINE	31+01.4165	3.0000	6860.8852		3.0000	1.4165	46753.6428	85174.1124	3.3176	-25 16 30.00	0.0000	+0.020000	
BF ABUT 1	31+95.6265	3.0000	6862.7597		3.0000	95.6265	46753.8276	85268.3222	3.3176	-25 16 30.00	94.2100	+0.020000	
CL BRG A1	31+97.2825	3.0000	6862.7796	862.7796	3.0000	97.2825	46753.8308	85269.9782	3.3176	-25 16 30.00	95.8660	+0.020000	
F-1	32+09.6718	3.0000	6862.9149	862.9870	3.0000	109.6718	46753.8551	85282.3675			108.2553	+0.020000	
F-2	32+22.0611	3.0000	6863.0250	863.1606	3.0000	122.0611	46753.8794	85294.7567			120.6446	+0.020000	
F-3	32+34.4504	3.0000	6863.1101	863.2949	3.0000	134.4504	46753.9037	85307.1460			133.0339	+0.020000	
F-4	32+46.8397	3.0000	6863.1700	863.3859	3.0000	146.8397	46753.9280	85319.5353			145.4232	+0.020000	
F-5	32+59.2290	3.0000	6863.2049	863.4315	3.0000	159.2290	46753.9523	85331.9246			157.8125	+0.020000	
F-6	32+71.6183	3.0000	6863.2147	863.4306	3.0000	171.6183	46753.9766	85344.3139			170.2018	+0.020000	
F-7	32+84.0076	3.0000	6863.1994	863.3842	3.0000	184.0076	46754.0010	85356.7031			182.5911	+0.020000	
F-8	32+96.3969	3.0000	6863.1590	863.2916	3.0000	196.3969	46754.0253	85369.0924			194.9804	+0.020000	
F-9	33+08.7862	3.0000	6863.0935	863.1655	3.0000	208.7862	46754.0496	85381.4817			207.3697	+0.020000	
AH BRG P2	33+21.1755	3.0000	6863.0030	863.0030	3.0000	221.1755	46754.0739	85393.8710	3.3176	-25 16 30.00	219.7590	+0.020000	
CL PIER 2	33+22.2825	3.0000	6862.9937		3.0000	222.2825	46754.0760	85394.9780	3.3176	-25 16 30.00	220.8660	+0.020000	
BK BRG P2	33+23.3895	3.0000	6862.9842	862.9842	3.0000	223.3895	46754.0782	85396.0850	3.3176	-25 16 30.00	221.9730	+0.020000	
F-1	33+35.9788	3.0000	6862.8619	862.9345	3.0000	235.9788	46754.1029	85408.6742			234.5623	+0.020000	
F													

State of Colorado
 Department of Transportation
 Staff Bridge Design
 Bridge Geometry Project Coordinate Converter
 Version 1.00
 Run date & time = Fri Jan 23 14:00:49 2009
 Input Northing Offset = 46756.640000
 Input Easting Offset = 85172.690000
 Input Bearing = N 89 53 15.3949 E

DESCRIPTION
 Units: feet;
 Project: IM 252-341; Subaccount: R-17-BG;
 Designer: SA; Detailer: ;
 Location: CO;
 Baptist Road over I-25

HORIZONTAL ALIGNMENT DATA

HORIZONTAL TANGENT

VERTICAL ALIGNMENT DATA

ELEVATION AT PI	ELEVATION AT GRADE	STATION	ELEVATION AT GRADE	ELEVATION AT PI	PERCENT GRADE
		30+34.9900	PC 6858.7516		3.845000
		32+75.0000	PI 6863.2728	6867.9800	
		35+15.0100	PT 6858.3796		-4.000000

TABLE OF ROADWAY CROSS-SLOPES (SUPERELEVATION: E- -WC-)

STATION (ON TANGENT)	SLOPE LEFT	SLOPE RIGHT	VC LENGTH
	0.0200	-0.0200	75.00 (MAX)

OFFSET PROFILE CONTROL TO PIVOT POINT = 0.0000 FEET

LIMITS OF VALID ELEVATION AND CROSS-SLOPE DATA

LAYOUT LINE DATA	BEGIN	END
	* UNLIMITED *	* UNLIMITED *

LAYOUT LINE DEFINED TO BE COINCIDENT WITH HORIZONTAL CONTROL

LAYOUT LINE INTERSECTS REF LINE AT	HCL STA	OFFSET	X	Y
	31+00.0000	0.00000000	0.0000	0.0000

DEAD LOAD DEFLECTION DATA

DEFLECTIONS AT TENTH POINTS FROM FITTED CURVE										
0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0

FOR BENT LINE: CL BRG A1 07 CARD(S): 1 GIRDER LINES REFERENCED BY: a

INCH	0.0000	0.8653	1.6266	2.2176	2.5911	2.7188	2.5911	2.2176	1.6266	0.8653	0.0000	INCH
FOOT	0.0000	0.0721	0.1355	0.1848	0.2159	0.2266	0.2159	0.1848	0.1355	0.0721	0.0000	FOOT

SLOPE 0.742133 -0.742133 SLOPE

FOR BENT LINE: BK BRG P2 07 CARD(S): 1 GIRDER LINES REFERENCED BY: a

INCH	0.0000	0.8715	1.6755	2.3175	2.7297	2.8716	2.7297	2.3175	1.6755	0.8715	0.0000	INCH
FOOT	0.0000	0.0726	0.1396	0.1931	0.2275	0.2393	0.2275	0.1931	0.1396	0.0726	0.0000	FOOT

SLOPE 0.722360 -0.722360 SLOPE

BENT LINE	DESCRIPTION	INTERSECTION POINT	FROM LAYOUT LINE	PROJECT COORDINATES	BENT LINE	GIRDER LINE	ROADWAY
:	:	STATION	OFFSET	NORTHING EASTING	LENGTH FROM Y-AXIS	LENGTH FROM REF LINE	CROSS-SLOPE
:	:	:	:	:	:	:	:

* HORIZONTAL CONTROL LINE * AT FINISHED GRADE

* REF LINE*	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LATH	SKEW	GIRDER LATH	CRS-SLP
BF ABUT 1	31+00.0000	0.0000	6860.9059	0.0000	0.0000	0.0000	46756.6400	85172.6900	0.0000	-25 16 30.00	0.0000	+/- .020000
CL BRG A1	31+94.2100	0.0000	6862.8021	0.0000	94.2100	0.0000	46756.8248	85266.8998	0.0000	-25 16 30.00	94.2100	+/- .020000
CL BRG A1	31+95.8660	0.0000	6862.8224	10	0.0000	95.8660	46756.8280	85268.5558	0.0000	-25 16 30.00	95.8660	+/- .020000
AH BRG P2	33+19.7590	0.0000	6863.0744	1	0.0000	219.7590	46737.0711	85392.4486	0.0000	-25 16 30.00	219.7590	+/- .020000
CL PIKR 2	33+20.8660	0.0000	6863.0654	0.0000	220.8660	0.0000	46737.0732	85393.5556	0.0000	-25 16 30.00	220.8660	+/- .020000
BK BRG P2	33+21.9730	0.0000	6863.0561	10	0.0000	221.9730	46737.0754	85394.6626	0.0000	-25 16 30.00	221.9730	+/- .020000
CL BRG A3	34+47.8660	0.0000	6860.6970	1	0.0000	347.8660	46757.3224	85528.5553	0.0000	-25 16 30.00	347.8660	+/- .020000
BF ABUT 3	34+49.5220	0.0000	6860.6487	0.0	0.0000	349.5220	46757.3256	85522.2113	0.0000	-25 16 30.00	349.5220	+/- .020000

BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LATH	SKEW	GIRDER LATH	CRS-SLP
REF LINE	31+01.4165	3.0000	6860.8851	3.0000	3.0000	1.4165	46753.6428	85174.1124	3.3176	-25 16 30.00	0.0000	-0.020000
BF ABUT 1	31+95.6265	3.0000	6862.7595	3.0000	3.0000	95.6265	46753.8276	85268.3222	3.3176	-25 16 30.00	94.2100	-0.020000
CL BRG A1	31+97.2825	3.0000	6862.7795	862.7795	3.0000	97.2825	46753.8308	85269.9782	3.3176	-25 16 30.00	95.8660	-0.020000
F-1	32+09.6718	3.0000	6862.9147	862.9869	3.0000	109.6718	46753.8551	85282.3675			108.2553	-0.020000
F-2	32+22.0611	3.0000	6863.0248	863.1604	3.0000	122.0611	46753.8794	85294.7587			120.6446	-0.020000
F-3	32+34.4504	3.0000	6863.1099	863.2947	3.0000	134.4504	46753.9037	85307.1460			133.0339	-0.020000
F-4	32+46.8397	3.0000	6863.1698	863.3858	3.0000	146.8397	46753.9280	85319.5353			145.4232	-0.020000
F-5	32+59.2290	3.0000	6863.2047	863.4313	3.0000	159.2290	46753.9523	85331.9245			157.8125	-0.020000
F-6	32+71.6183	3.0000	6863.2145	863.4304	3.0000	171.6183	46753.9766	85344.3139			170.2018	-0.020000
F-7	32+84.0076	3.0000	6863.1992	863.3840	3.0000	184.0076	46754.0010	85356.7031			182.5911	-0.020000
F-8	32+96.3969	3.0000	6863.1588	863.2944	3.0000	196.3969	46754.0253	85369.0924			194.9804	-0.020000
F-9	33+08.7862	3.0000	6863.0933	863.1655	3.0000	208.7862	46754.0496	85381.4817			207.3697	-0.020000
AH BRG P2	33+21.1755	3.0000	6863.0028	863.0028	3.0000	211.1755	46754.0739	85393.8710	3.3176	-25 16 30.00	219.7590	-0.020000
CL PIKR 2	33+22.2825	3.0000	6862.9935	3.0000	222.2825	0.0000	46754.0760	85394.9780	3.3176	-25 16 30.00	220.8660	-0.020000
BK BRG P2	33+23.3895	3.0000	6862.9840	862.9840	3.0000	223.3895	46754.0782	85396.0850	3.3176	-25 16 30.00	221.9730	-0.020000
F-1	33+35.9788	3.0000	6862.8617	862.9343	3.0000	235.9788	46754.1029	85408.4742			234.5623	-0.020000
F-2	33+48.5681	3.0000	6862.7135	862.8532	3.0000	248.5681	46754.1276	85421.2635			247.1516	-0.020000
F-3	33+61.1574	3.0000	6862.5395	862.7326	3.0000	261.1574	46754.1523	85433.8528			259.7409	-0.020000
F-4	33+73.7467	3.0000	6862.3395	862.5670	3.0000	273.7467	46754.1770	85446.4421			272.3302	-0.020000
F-5	33+86.3360	3.0000	6862.1136	862.3529	3.0000	286.3360	46754.2017	85459.0313			284.9195	-0.020000
F-6	33+98.9253	3.0000	6861.8618	862.0893	3.0000	298.9253	46754.2264	85471.6206			297.5088	-0.020000
F-7	34+11.5146	3.0000	6861.5841	861.7773	3.0000	311.5146	46754.2511	85484.2099			310.0981	-0.020000
F-8	34+24.1039	3.0000	6861.2806	861.4202	3.0000	324.1039	46754.2758	85496.7992			322.6874	-0.020000
F-9	34+36.6932	3.0000	6860.9511	861.0237	3.0000	336.6932	46754.3005	85509.3884			335.2767	-0.020000
CL BRG A3	34+49.2825	3.0000	6860.5957	860.5957	3.0000	349.2825	46754.3252	85521.9777	3.3176	-25 16 30.00	347.8660	-0.020000
BF ABUT 3	34+50.9385	3.0000	6860.5470	3.0000	350.9385	0.0000	46754.3284	85523.6337	3.3176	-25 16 30.00	349.5220	-0.020000

BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LATH	SKEW	GIRDER LATH	CRS-SLP
REF LINE	31+01.9477	4.1250	6860.8773	4.1250	4.1250	1.9477	46752.5188	85174.6458	4.5617	-25 16 30.00	0.0000	-0.020000
BF ABUT 1	31+96.1577	4.1250	6862.7435	4.1250	4.1250	96.1577	46752.7036	85268.8556	4.5617	-25 16 30.00	94.2100	-0.020000
CL BRG A1	31+97.8137	4.1250	6862.7633	862.7633	4.1250	97.8137	46752.7869	85270.5116	4.5617	-25 16 30.00	95.8660	-0.020000
F-1	32+10.2030	4.1250	6862.8974	862.9695	4.1250	110.2030	46752.7312	85282.9009			108.2553	-0.020000
F-2	32+22.5923	4.1250	6863.0065	863.1420	4.1250	122.5923	46752.7555	85295.2902			120.6446	-0.020000
F-3	32+34.9816	4.1250	6863.0905	863.2753	4.1250	134.9816	46752.7798	85307.6794			133.0339	-0.020000
F-4	32+47.3709	4.1250	6863.1493	863.3653	4.1250	147.3709	46752.8041	85320.0687			145.4232	-0.020000
F-5	32+59.7602	4.1250	6863.1831	863.4097	4.1250	159.7602	46752.8284	85332.4580			157.8125	-0.020000
F-6	32+72.1495	4.1250	6863.1918	863.4078	4.1250	172.1495	46752.8527	85344.8473			170.2018	-0.020000
F-7	32+84.5388	4.1250	6863.1755	863.3603	4.1250	184.5388	46752.8770	85357.2365			182.5911	-0.020000
F-8	32+96.9281	4.1250	6863.1340	863.2696	4.1250	196.9281	46752.9013	85369.6258			194.9804	-0.020000
F-9	33+09.3174	4.1250	6863.0675	863.1396	4.1250	209.3174	46752.9256	85382.0151			207.3697	-0.020000
AH BRG P2	33+21.7067	4.1250	6862.9758	862.9758	4.1250	211.7067	46752.9499	85394.4044	4.5617	-25 16 30.00	219.7590	-0.020000
CL PIKR 2	33+22.8137	4.1250	6862.9664	4.1250	222.8137	0.0000	46752.9521	85395.5114	4.5617	-25 16 30.00	220.8660	-0.020000
BK BRG P2	33+23.9207	4.1250	6862.9568	862.9568	4.1250	223.9207	46752.9542	85396.6184	4.5617	-25 16 30.00	221.9730	-0.020000
F-1	33+36.3100	4.1250	6862.8335	862.9061	4.1250	236.3100	46752.9789	85409.0076			234.5623	-0.020000
F-2	33+48.6993	4.1250	6862.6842	862.8238	4.1250	248.6993	46752.0036	85421.7969			247.1516	-0.020000
F-3	33+61.088											

W10 PARALLEL TO HORIZONTAL CONTROL AT FINISHED GRADE											W13 PARALLEL TO HORIZONTAL CONTROL AT FINISHED GRADE														
BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LATH	SKEW	GIRDER LATH	CRS-SLP	BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LATH	SKEW	GIRDER LATH	CRS-SLP
REF LINE	31+10.6827	22.6250	6860.7413		22.6250	10.6827	46734.0360	85183.4171	25.0202	-25 16 30.00	0.0000	-0.020000	*REF LINE*	31+24.9657	52.8750	6860.4921		52.8750	24.9657	46703.8141	85197.7594	58.4726	-25 16 30.00	0.0000	-0.020000
BF ABUT 1	32+04.8927	22.6250	6862.4730		22.6250	104.8927	46734.2208	85277.6269	25.0202	-25 16 30.00	94.2100	-0.020000	BF ABUT 1	32+19.1757	52.8750	6862.0039		52.8750	119.1757	46703.9989	85291.9692	58.4726	-25 16 30.00	94.2100	-0.020000
CL BRG A1	32+06.5487	22.6250	6862.4905	862.4905	22.6250	106.5487	46734.2240	85279.2829	25.0202	-25 16 30.00	95.8660	-0.020000	CL BRG A1	32+20.8317	52.8750	6862.0175	862.0175	52.8750	120.8317	46704.0021	85293.6252	58.4726	-25 16 30.00	95.8660	-0.020000
F-1	32+18.9380	22.6250	6862.6069	862.6790	22.6250	118.9380	46734.2483	85291.6722			108.2553	-0.020000	F-1	32+23.2210	52.8750	6862.1050	862.1772	52.8750	133.2210	46704.0264	85306.0145			108.2553	-0.020000
F-2	32+31.3273	22.6250	6862.6983	862.8338	22.6250	131.3273	46734.2727	85304.0614			120.6446	-0.020000	F-2	32+45.6103	52.8750	6862.1675	862.3030	52.8750	145.6103	46704.0507	85318.4037			120.6446	-0.020000
F-3	32+43.7166	22.6250	6862.7646	862.9494	22.6250	143.7166	46734.2970	85316.4507			133.0339	-0.020000	F-3	32+57.9996	52.8750	6862.2049	862.3897	52.8750	157.9996	46704.0750	85330.7930			133.0339	-0.020000
F-4	32+56.1059	22.6250	6862.8058	863.0217	22.6250	156.1059	46734.3213	85328.8400			145.4232	-0.020000	F-4	32+70.3889	52.8750	6862.2171	862.4331	52.8750	170.3889	46704.0993	85343.1823			145.4232	-0.020000
F-5	32+68.4952	22.6250	6862.8219	863.0485	22.6250	168.4952	46734.3456	85341.2293			157.8125	-0.020000	F-5	32+82.7782	52.8750	6862.2043	862.4309	52.8750	182.7782	46704.1236	85355.5716			157.8125	-0.020000
F-6	32+80.8845	22.6250	6862.8129	863.0288	22.6250	180.8845	46734.3699	85353.6185			170.2018	-0.020000	F-6	32+95.1675	52.8750	6862.1664	862.3824	52.8750	195.1675	46704.1479	85367.9608			170.2018	-0.020000
F-7	32+93.2738	22.6250	6862.7789	862.9637	22.6250	193.2738	46734.3942	85366.0078			182.5911	-0.020000	F-7	33+07.5568	52.8750	6862.1035	862.2883	52.8750	207.5568	46704.1722	85380.3501			182.5911	-0.020000
F-8	33+05.6631	22.6250	6862.7197	862.8553	22.6250	205.6631	46734.4185	85378.3971			194.9804	-0.020000	F-8	33+19.9461	52.8750	6862.0154	862.1509	52.8750	219.9461	46704.1965	85392.7394			194.9804	-0.020000
F-9	33+18.0524	22.6250	6862.6355	862.7076	22.6250	218.0524	46734.4428	85390.7864			207.3697	-0.020000	F-9	33+32.3354	52.8750	6861.9022	861.9744	52.8750	232.3354	46704.2208	85405.1287			207.3697	-0.020000
AH BRG P2	33+30.4417	22.6250	6862.5262	862.5262	22.6250	230.4417	46734.4671	85403.1756	25.0202	-25 16 30.00	219.7590	-0.020000	AH BRG P2	33+44.7247	52.8750	6861.7640	861.7640	52.8750	244.7247	46704.2451	85417.5179	58.4726	-25 16 30.00	219.7590	-0.020000
CL PIER 2	33+31.5487	22.6250	6862.5152		22.6250	231.5487	46734.4692	85404.2826	25.0202	-25 16 30.00	220.8660	-0.020000	CL PIER 2	33+45.8317	52.8750	6861.7504		52.8750	245.8317	46704.2473	85418.6249	58.4726	-25 16 30.00	220.8660	-0.020000
BK BRG P2	33+32.6557	22.6250	6862.5040	862.5040	22.6250	232.6557	46734.4714	85405.3896	25.0202	-25 16 30.00	221.9730	-0.020000	BK BRG P2	33+46.9387	52.8750	6861.7357	861.7367	52.8750	246.9387	46704.2495	85419.7319	58.4726	-25 16 30.00	221.9730	-0.020000
F-1	33+45.2450	22.6250	6862.3627	862.4353	22.6250	245.2450	46734.4961	85417.9789			234.5623	-0.020000	F-1	33+59.5280	52.8750	6861.5659	861.6386	52.8750	259.5280	46704.2742	85432.3212			234.5623	-0.020000
F-2	33+57.8343	22.6250	6862.1954	862.3350	22.6250	257.8343	46734.5208	85430.5682			247.1516	-0.020000	F-2	33+72.1173	52.8750	6861.3693	861.5089	52.8750	272.1173	46704.2989	85444.9105			247.1516	-0.020000
F-3	33+70.4236	22.6250	6862.0023	862.1954	22.6250	270.4236	46734.5455	85443.1575			259.7409	-0.020000	F-3	33+84.7066	52.8750	6861.1468	861.3399	52.8750	284.7066	46704.3236	85457.4998			259.7409	-0.020000
F-4	33+83.0129	22.6250	6861.7832	862.0107	22.6250	283.0129	46734.5702	85455.7467			272.3302	-0.020000	F-4	33+97.2959	52.8750	6860.9894	861.1258	52.8750	297.2959	46704.3483	85470.0890			272.3302	-0.020000
F-5	33+95.6022	22.6250	6861.5383	861.7776	22.6250	295.6022	46734.5949	85468.3360			284.9195	-0.020000	F-5	34+09.0852	52.8750	6860.8240	860.8633	52.8750	309.0852	46704.3730	85482.6793			284.9195	-0.020000
F-6	34+08.1915	22.6250	6861.2675	861.4949	22.6250	308.1915	46734.6196	85480.9253			297.5088	-0.020000	F-6	34+22.4745	52.8750	6860.3238	860.5513	52.8750	322.4745	46704.3977	85495.2676			297.5088	-0.020000
F-7	34+20.7808	22.6250	6860.9707	861.1638	22.6250	320.7808	46734.6443	85493.5146			310.0981	-0.020000	F-7	34+35.0638	52.8750	6859.9977	860.1908	52.8750	335.0638	46704.4224	85507.8569			310.0981	-0.020000
F-8	34+33.3701	22.6250	6860.6481	860.7877	22.6250	333.3701	46734.6690	85506.1038			322.6874	-0.020000	F-8	34+47.6531	52.8750	6859.6456	859.7853	52.8750	347.6531	46704.4471	85520.4461			322.6874	-0.020000
F-9	34+45.9594	22.6250	6860.2995	860.3721	22.6250	345.9594	46734.6937	85518.6931			335.2767	-0.020000	F-9	34+60.2424	52.8750	6859.2677	859.3403	52.8750	360.2424	46704.4717	85533.0354			335.2767	-0.020000
CL BRG A3	34+58.5487	22.6250	6859.9251	859.9251	22.6250	358.5487	46734.7184	85531.2824	25.0202	-25 16 30.00	347.8660	-0.020000	CL BRG A3	34+72.8317	52.8750	6858.8639	858.8639	52.8750	372.8317	46704.4964	85545.8247	58.4726	-25 16 30.00	347.8660	-0.020000
BF ABUT 3	34+60.2047	22.6250	6859.8739		22.6250	360.2047	46734.7216	85532.9304	25.0202	-25 16 30.00	349.5220	-0.020000	BF ABUT 3	34+74.4877	52.8750	6858.8098		52.8750	374.4877	46704.4997	85547.2807	58.4726	-25 16 30.00	349.5220	-0.020000

W11 PARALLEL TO HORIZONTAL CONTROL AT FINISHED GRADE											W14 BG RT TAPER PARALLEL TO HORIZONTAL CONTROL AT FINISHED GRADE														
BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LATH	SKEW	GIRDER LATH	CRS-SLP	BENT LINE	STATION	OFFSET	ELEVATION	ELEV+DL	X	Y	NORTHING	EASTING	BENT LATH	SKEW	GIRDER LATH	CRS-SLP
REF LINE	31+16.2306	34.3750	6860.6485		34.3750	16.2306	46722.2969	85198.9880	38.0141	-25 16 30.00	0.0000	-0.020000	*REF LINE*	31+27.3855	58.0000	6860.4466		58.0000	27.3855	46698.6938	85200.1892	64.1402	-25 16 30.00	0.0000	-0.020000
BF ABUT 1	32+10.4406	34.3750	6862.2948		34.3750	110.4406	46722.4817	85283.1978	38.0141	-25 16 30.00	94.2100	-0.020000	BF ABUT 1	32+21.5955	58.0000	6861.9211		58.0000	121.5955	46698.8796	85294.3990	64.1402	-25 16 30.00	94.2100	-0.020000
CL BRG A1	32+12.0966	34.3750	6862.3107	862.3107	34.3750	112.0966	46722.4850	85284.8538	38.0141	-25 16 30.00	95.8660	-0.020000	CL BRG A1	32+23.2515	58.0000	6861.9341	861.9341	58.0000	123.2515	46698.8819	85296.0550	64.1402	-25 16 30.00	95.8660	-0.020000
F-1	32+24.4859	34.3750	6862.4159	862.4881	34.3750	124.4859	46722.5093	85297.2431			108.2553	-0.020000	F-1	32+35.6408	58.0000	6862.0167	862.0888	58.0000	135.6408	46698.9062	85308.4443			108.2553	-0.020000
F-2	32+36.8752	34.3750	6862.4961	862.6316	34.3750	136.8752	46722.5336	85309.6324			120.6446	-0.020000	F-2	32+48.0301	58.0000	6862.0743	862.2098	58.0000	148.0301	46698.9305	85320.8336			120.6446	-0.020000
F-3	32+49.2645	34.3750	6862.5511	862.7359	34.3750	149.2645	46722.5579	85322.0216			133.0339	-0.020000	F-3	32+60.4194	58.0000	6862.1067	862.2915	58.0000	160.4194	46698.9548	85333.2229			133.0339	-0.020000
F-4	32+61.6538	34.3750	6862.5811	862.7970	34.3750	161.6538	46722.5822	85334.4109			145.4232	-0.020000	F-4	32+72.8087	58.0000	6862.1141	862.3300	58.0000	172.8087	46698.9791	85345.6121			145.4232	-0.020000
F-5	32+74.0431	34.3750	6862.5860	862.8125	34.3750	174.0431	46722.6065	85346.8002			157.8125	-0.020000	F-5	32+85.1980	58.0000	6862.0964	862.3230	58.0000	185.1980	46699.0034	85358.0014			157.8125	-0.020000
F-6	32+86.4324	34.3750	686																						

INDEX OF DRAWINGS

- W1 GENERAL INFORMATION
- W2 GENERAL LAYOUT
- W3 ENGINEERING GEOLOGY
- W4 WALL DETAILS

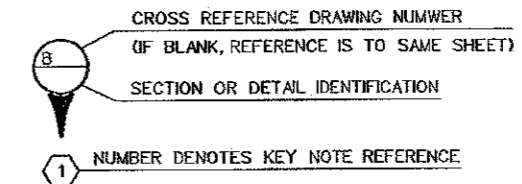
GENERAL NOTES

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

- CONST. - CONSTRUCTION
- CONT. - CONTINUOUS
- DWG. - DRAWING
- E.F. - EACH FACE
- EMBED. - EMBEDDED
- EQ. - EQUALLY
- F.F. - FAR FACE
- JT. - JOINT
- MISC. - MISCELLANEOUS
- N.F. - NEAR FACE
- NOM. - NOMINAL
- O.C. - ON CENTER
- PROJ. - PROJECTION
- SPA. - SPACED
- TYP. - TYPICAL

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

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

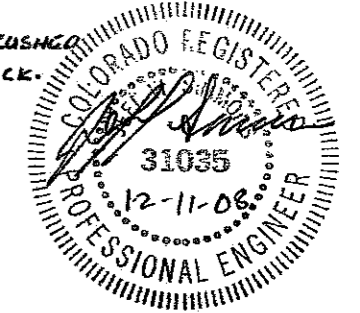
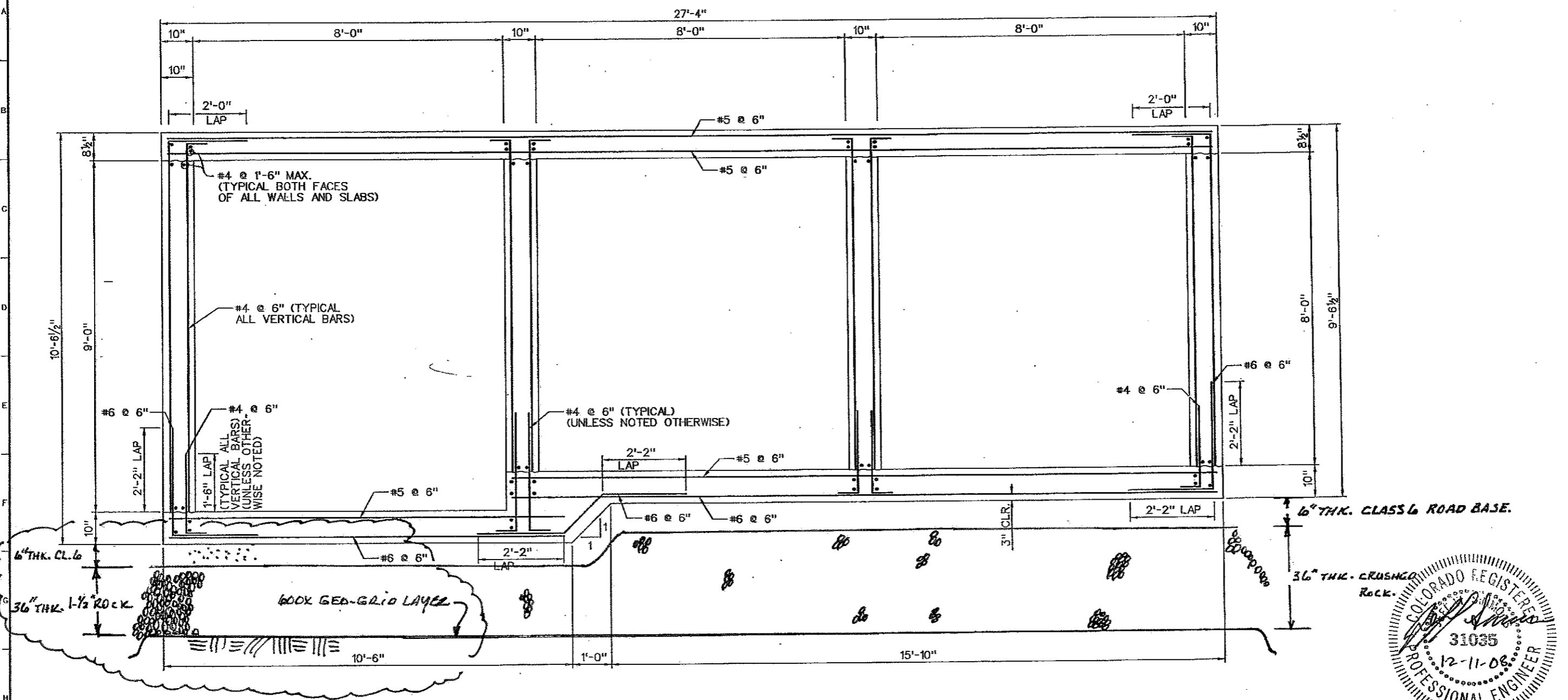


Design		Detail		Quantities	
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8/15/2007

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		BAPTIST ROAD RETAINING WALL GENERAL INFORMATION		Project No./Code	
Creation Date:	01/12/06	Initials:	ERS	1480 Quail Lake Loop Suite A Colorado Springs, CO 80906 Phone: (719) 634-2323 Fax: (719) 227-3298	4601 DTC Blvd. Suite 700 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276	No Revisions: <i>GMH 12-24-07</i>		NEAR MONUMENT SEC. 26/35 T11S R67W		IM 252-341	
Last Modification Date:	01/11/06	Initials:	ERS			Revised:		Designer: D. Nemovitz		13388	
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Drawing File Name:	wlg01.dgn					REGION 2		Sheet Subset: WALL		Subset Sheets: W1 of 4	
CAD Ver.:	MicroStation V8 Scale: NONE Units: ENGLISH							Structure Numbers: H-17-DC			

Revision Dates (Preliminary Stage Only)	
Quantities	
Detail	
Design	



NOTES:
 SEE SHEET 3 OF 3 FOR GENERAL NOTES
 SEE ADDED NOTE # 15 ON SHEET B7C.1



Computer File Information	
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Last Modification Date:	Initials:
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CAD Ver. MicroStation V8	Scale:
	Units:

Sheet Revisions	
(R-1)	1-09-09 STABILIZED FNDN. GH.

Colorado Department of Transportation
 902 Erie Avenue
 Pueblo, CO 81001
 Phone: 719-546-5439 FAX: 719-546-5702
 Region 2 BDL

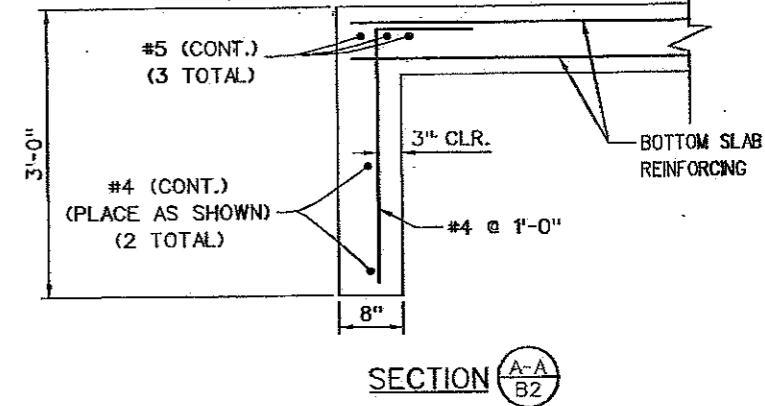
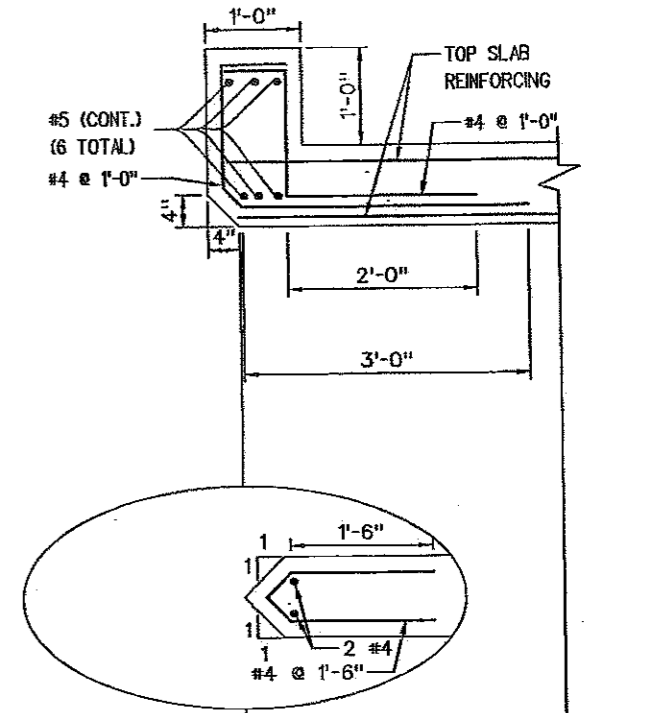
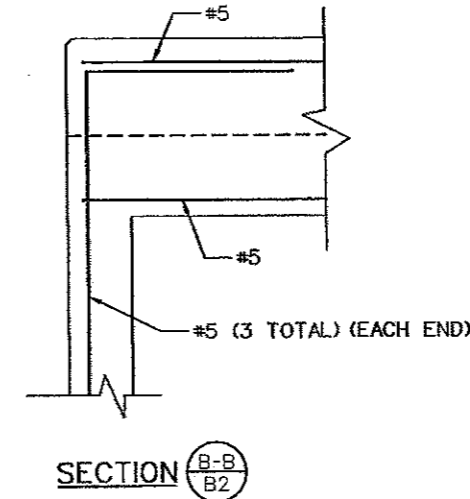
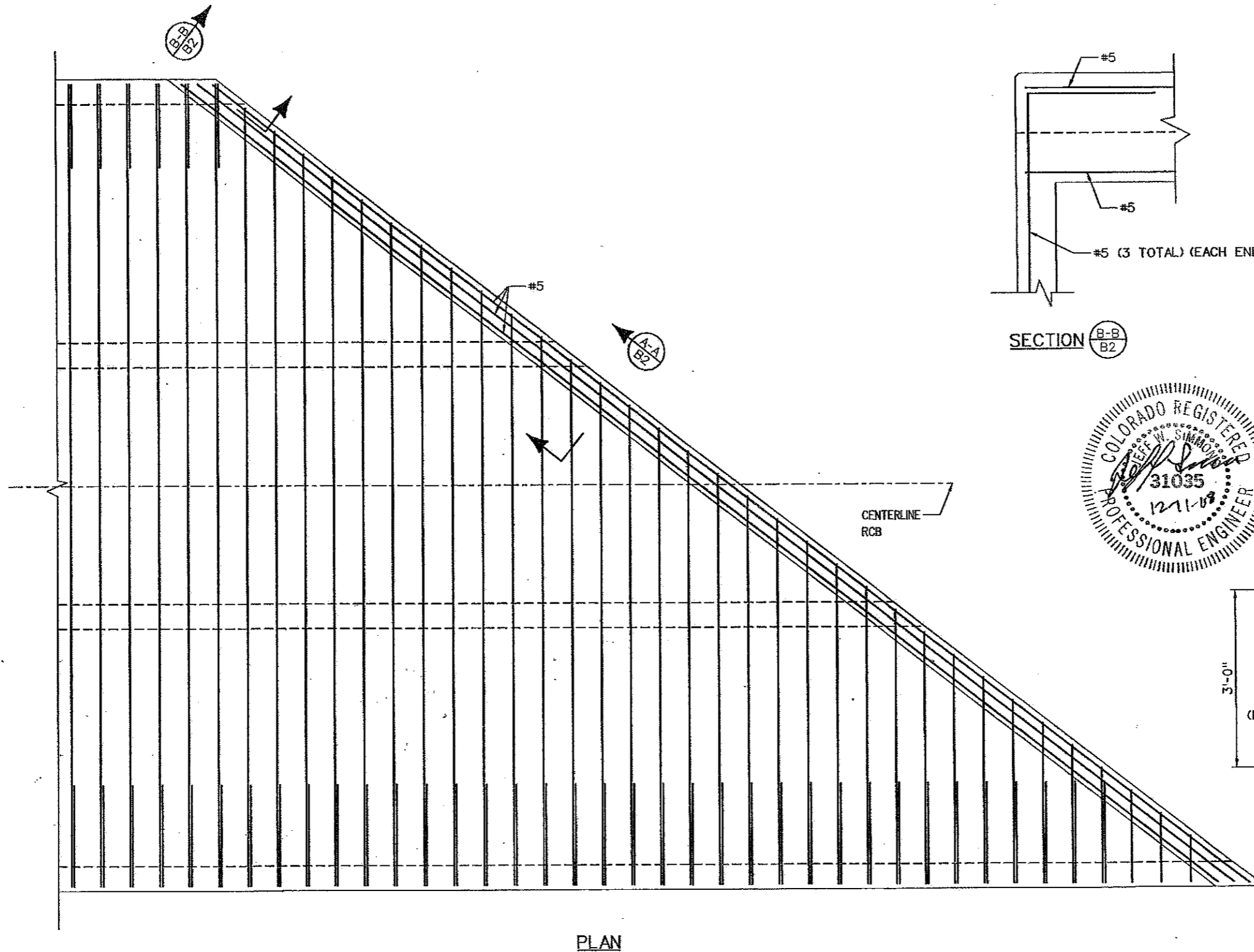
As Constructed	
No Revisions:	
Revised:	GMH 12-23-09
Void:	

BAPTIST ROAD OVER I-25 JACKSON CREEK 3-8'X8' RCB (SHEET 1 OF 3)	
Designer:	J. SIMMONS
Detailer:	A. ROSS
Sheet Subset:	BRIDGE
Structure Numbers:	
Subset Sheets:	B1 of B3

Project No./Code	
	14551
	Sheet Number B7A

12/10/2008 5:18:41 PM

Revision Dates (Preliminary Stage Only)		Quantities	
DESIGN	DATE	INITIAL	DATE
DESIGNED BY	DATE	INITIAL	DATE
CHECKED BY	DATE	INITIAL	DATE
QUANTITIES BY	DATE	INITIAL	DATE
CHECKED BY	DATE	INITIAL	DATE

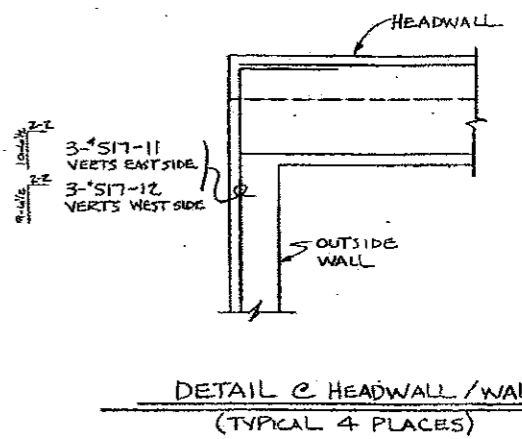
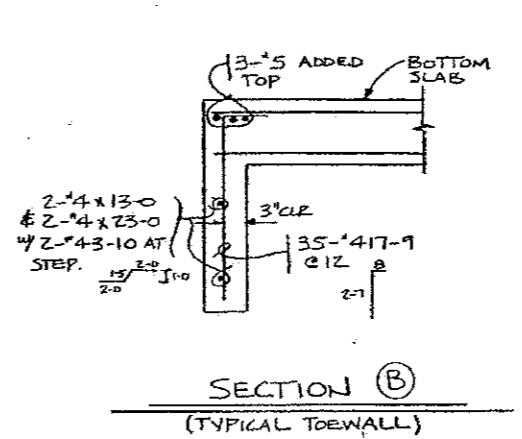
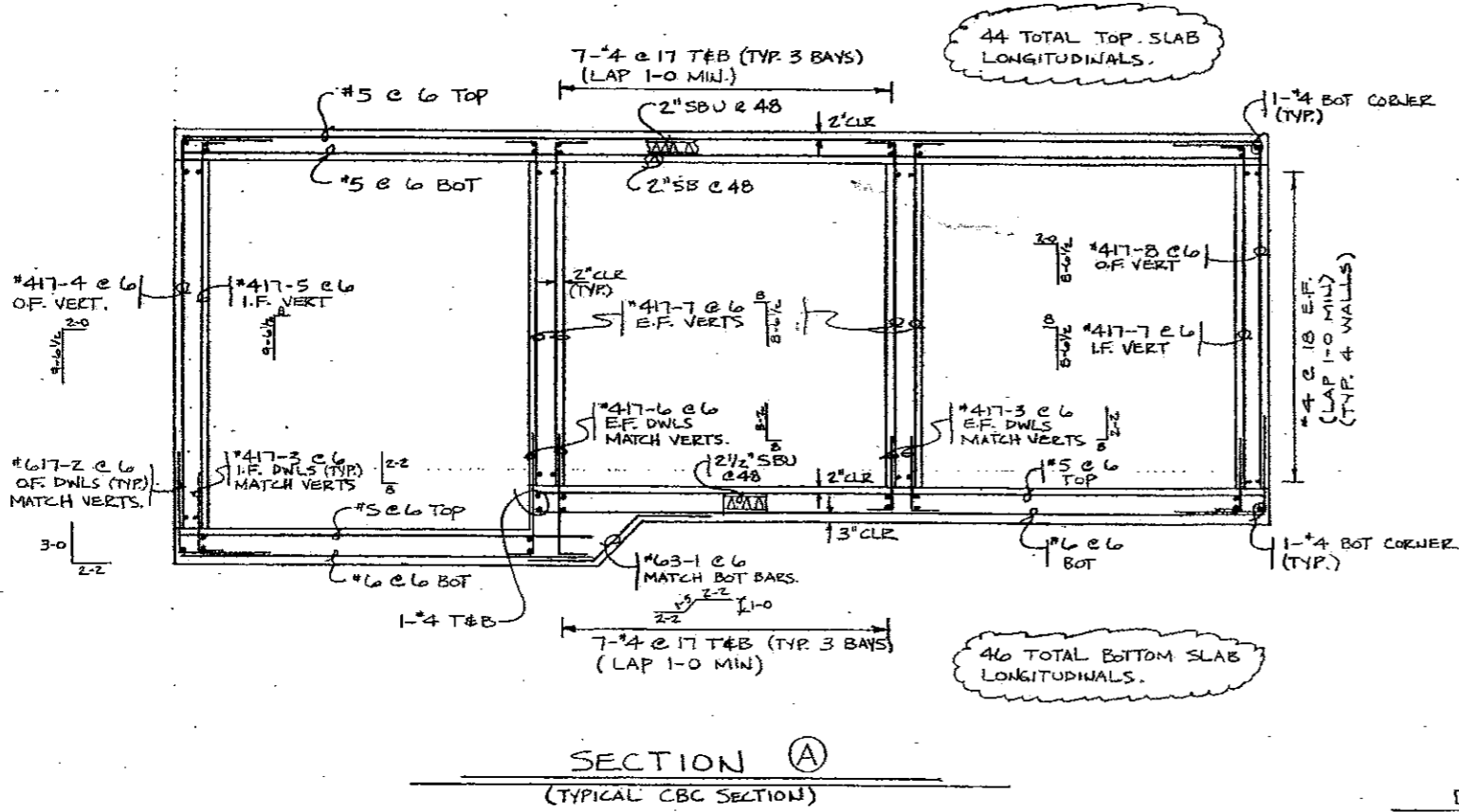
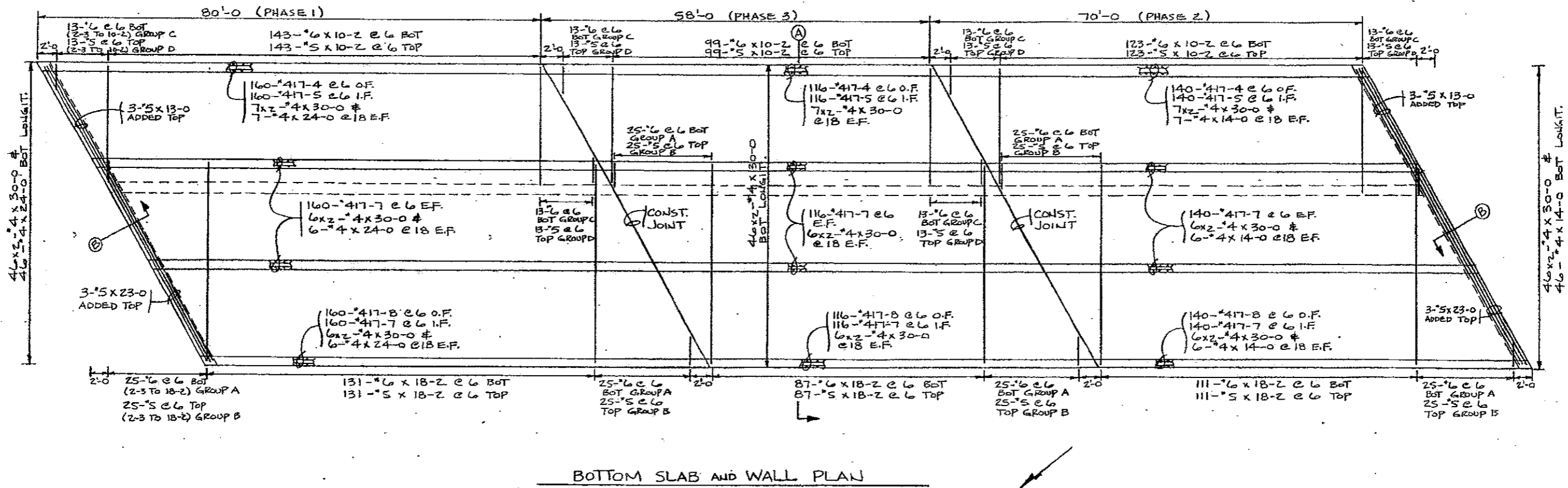


NOTES:
SEE SHEET 3 OF 3 FOR GENERAL NOTES
SEE ADDED NOTE #15 ON SHEET B7C.



Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		BAPTIST ROAD OVER I-25 JACKSON CREEK 3-8'X8' RCB (SHEET 2 OF 3)		Project No./Code	
Creation Date:	Initials:			902 Erie Avenue Pueblo, CO 81001 Phone: 719-546-5439 FAX: 719-546-5702		No Revisions:		Designer: J. SIMMONS		14551	
Last Modification Date:	Initials:			Region 2		Revised: <i>BMH 12-23-09</i>		Detailer: A. ROSS		Sheet Number <i>87B</i>	
Full Path:	P:\0811052 - Baptist Road Over I25\CAD\Ref\			BDL		Void:		Sheet Subset: BRIDGE		Subset Sheets: B2 of B3	
File Name:	X-0811052-DET.dgn							Sheet Subset: BRIDGE		Subset Sheets: B2 of B3	
CAD Ver. MicroStation V8	Scale:										

12/10/2008 5:18:15 PM



ALL REINFORCING IS TO BE NON-EPOXY (BLACK).

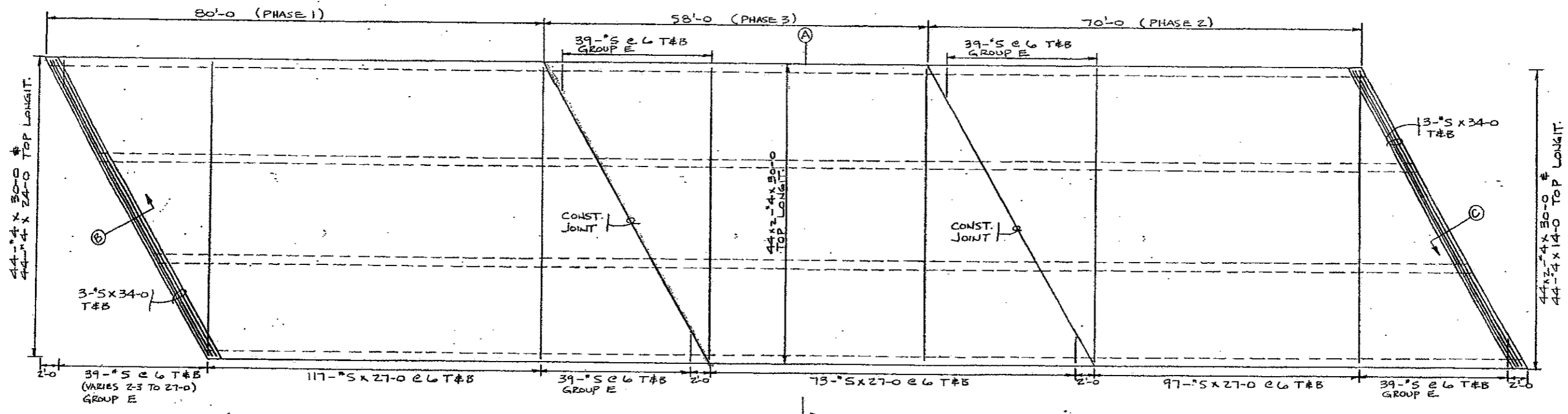
NOTE-THIS DRAWING TO BE USED FOR THE PLACING OF OUR MATERIALS ONLY. FOR ALL OTHER INFORMATION SEE ARCHITECT'S PLANS.

BANNER REBAR INC.
 5353 FRANKLIN ST.
 P.O. BOX 18425
 DENVER, CO. 80218
 (303) 295-7822

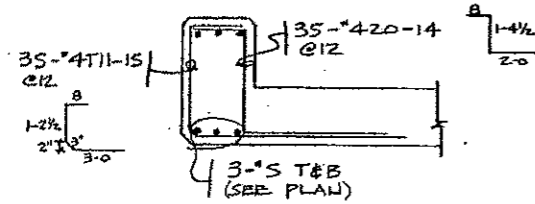
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REV	DATE	BY	CR	LOCATION EL PASO COUNTY, CO.	
1	TA	12/18/85	REBAR	CUSTOMER LAWRENCE CONST.	
ARCHITECT				ARCHITECT	
DR. TDA		CONF. NO. CO-815Z	SHEET NO. 815Z-6		

Sheet No. 87D

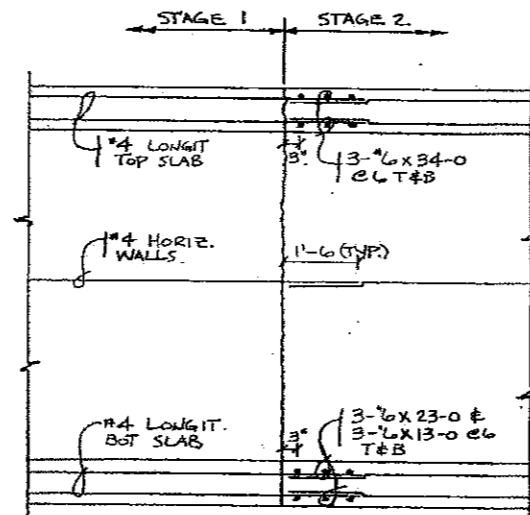
DETAIL C WALL NOSE (TYP. 2 INTERIOR WALLS)



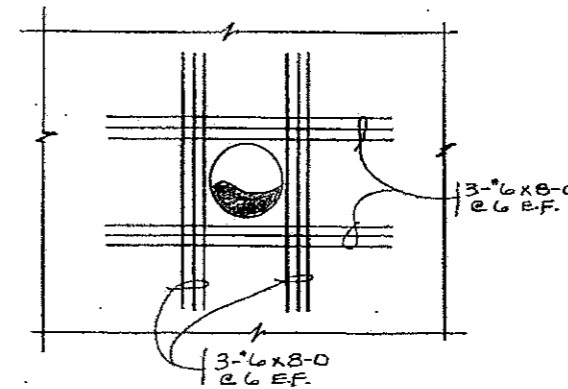
TOP SLAB PLAN



SECTION C
(TYP. HEADWALL)



CONST. JOINT DETAIL (TYP.)



DETAIL @ PIPE PENETRATION
(1 LOCATION @ PHASE 1 & 2)

ALL REINFORCING IS TO BE NON-EPOXY (BLACK).

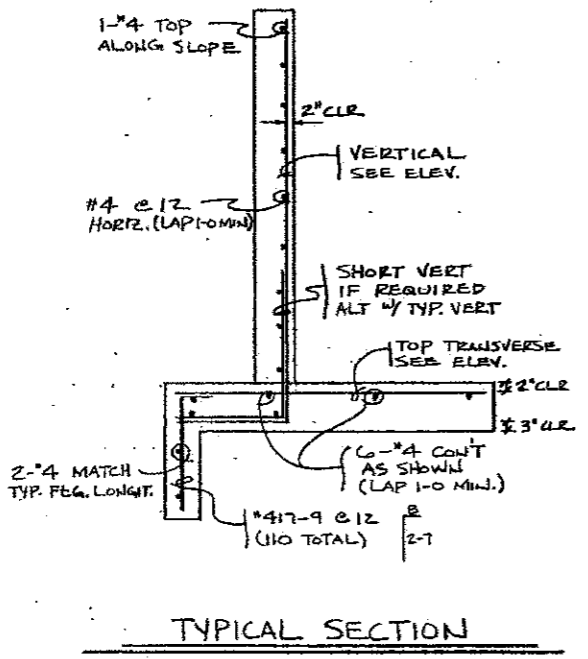
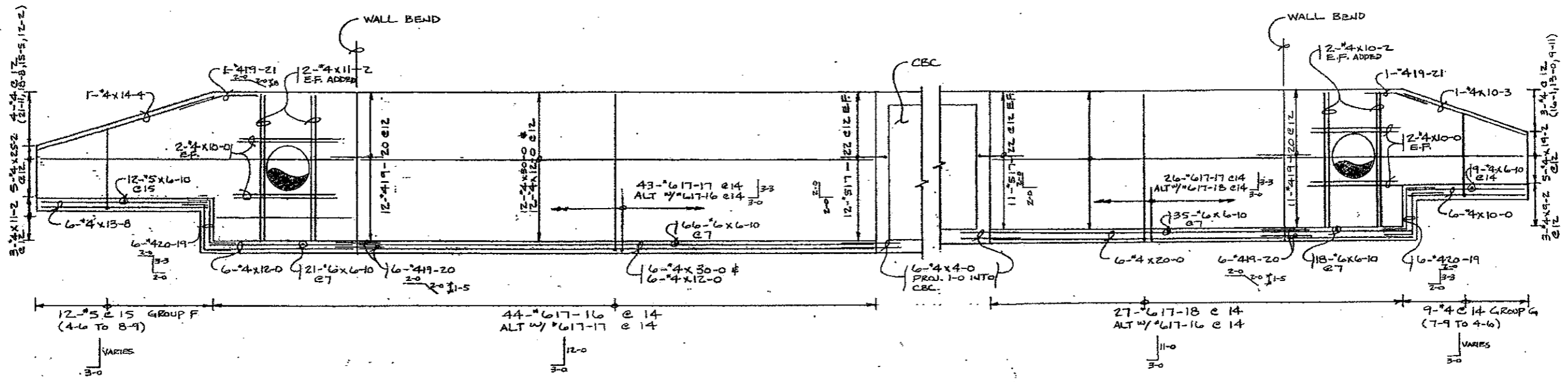
NOTE-THIS DRAWING TO BE USED FOR THE PLACING OF OUR MATERIALS ONLY, FOR ALL OTHER INFORMATION SEE ARCHITECT'S PLANS.

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(303) 298-7822

SHEET TITLE				3-8'x8' CBC DETAILS	
REV.	BY	DATE	CHANGE	NO.	DESCRIPTION
1	TA	11/10/68	REVISION	01	BAPTIST ROAD OVER I-25
					LOCATION: EL PASO COUNTY, CO.
					CUSTOMER: LAWRENCE CONST.
					ARCHITECT:
					DR. BY: TDA
					CONF. NO.: Co-0152
					SHEET NO.: 01517

Sheet No. 87E



ALL REINFORCING IS TO BE Non-Epoxy (BLACK).

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 5353 FRANKLIN ST.
 P.O. BOX 18425
 DENVER, COLO. 80218
 (303) 288-7822

SHEET TITLE: NORTH END WINGWALLS - PHASE I

NO.	NAME	DATE	CHANGE
1	TA	12/18/06	ISSUED

NO. BAPTIST ROAD OVER E-25

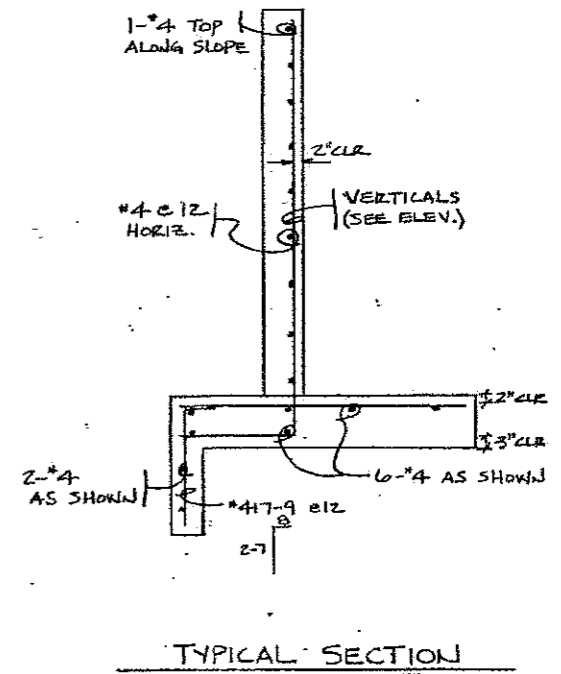
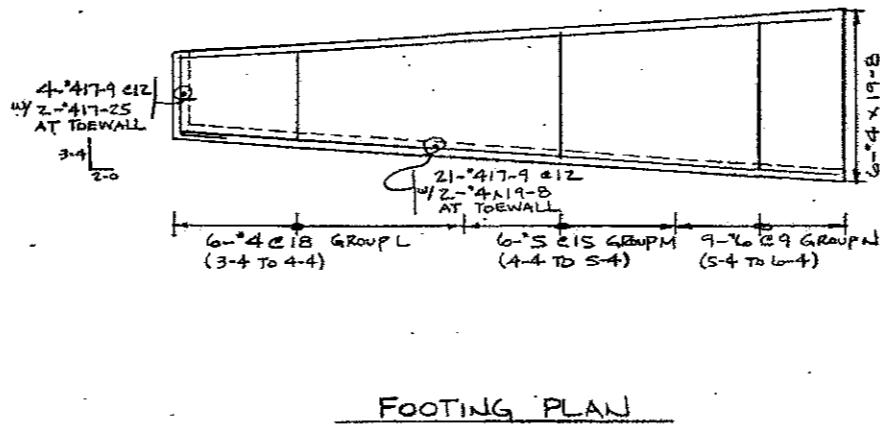
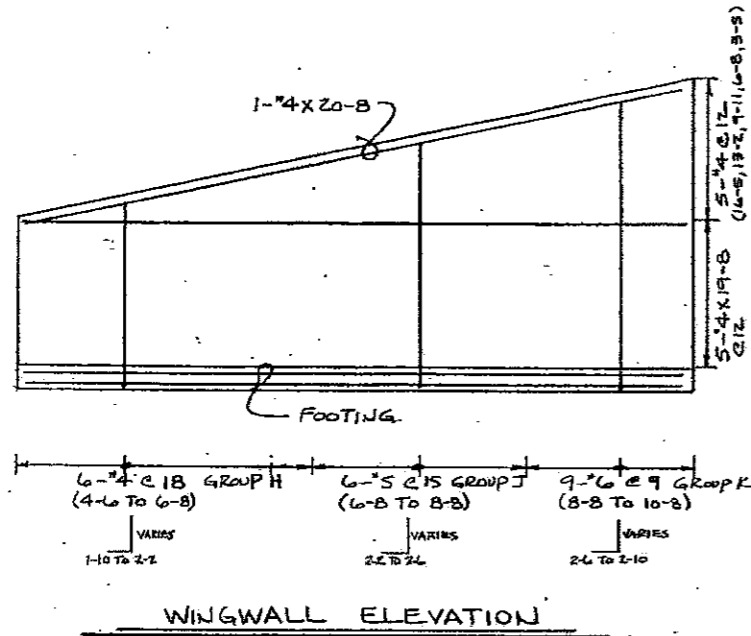
LOCATION: EL PASO COUNTY, CO.

CUSTOMER: LAWRENCE CONST.

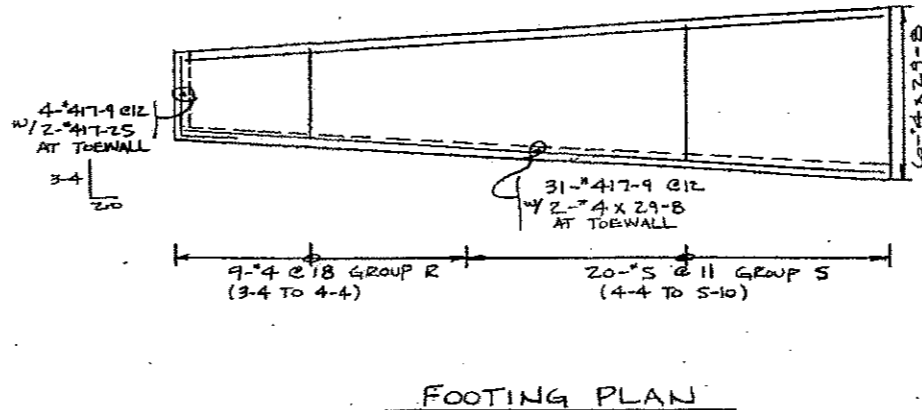
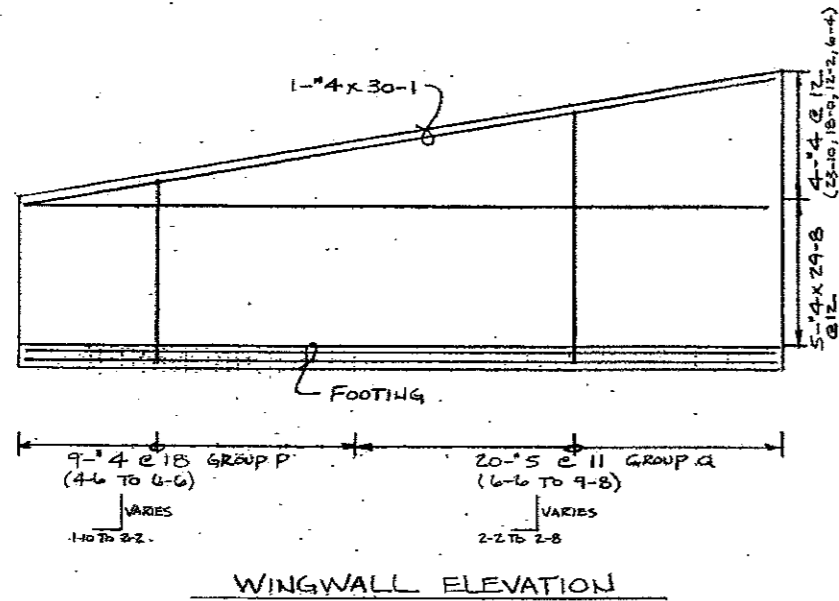
ARCHITECT:

DR. TDA CONF. NO. CO-E15Z SHEET NO. E15Z-B

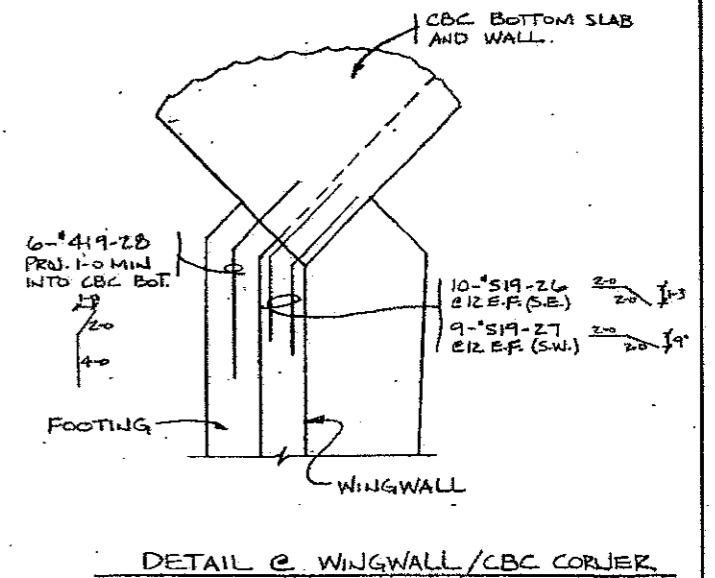
Sheet No. B7F



SOUTHEAST WINGWALL



SOUTHWEST WINGWALL



ALL REINFORCING IS TO BE NON-EPOXY (BLACK).

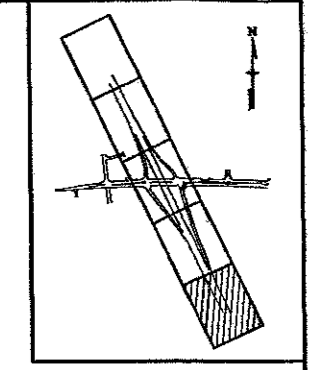
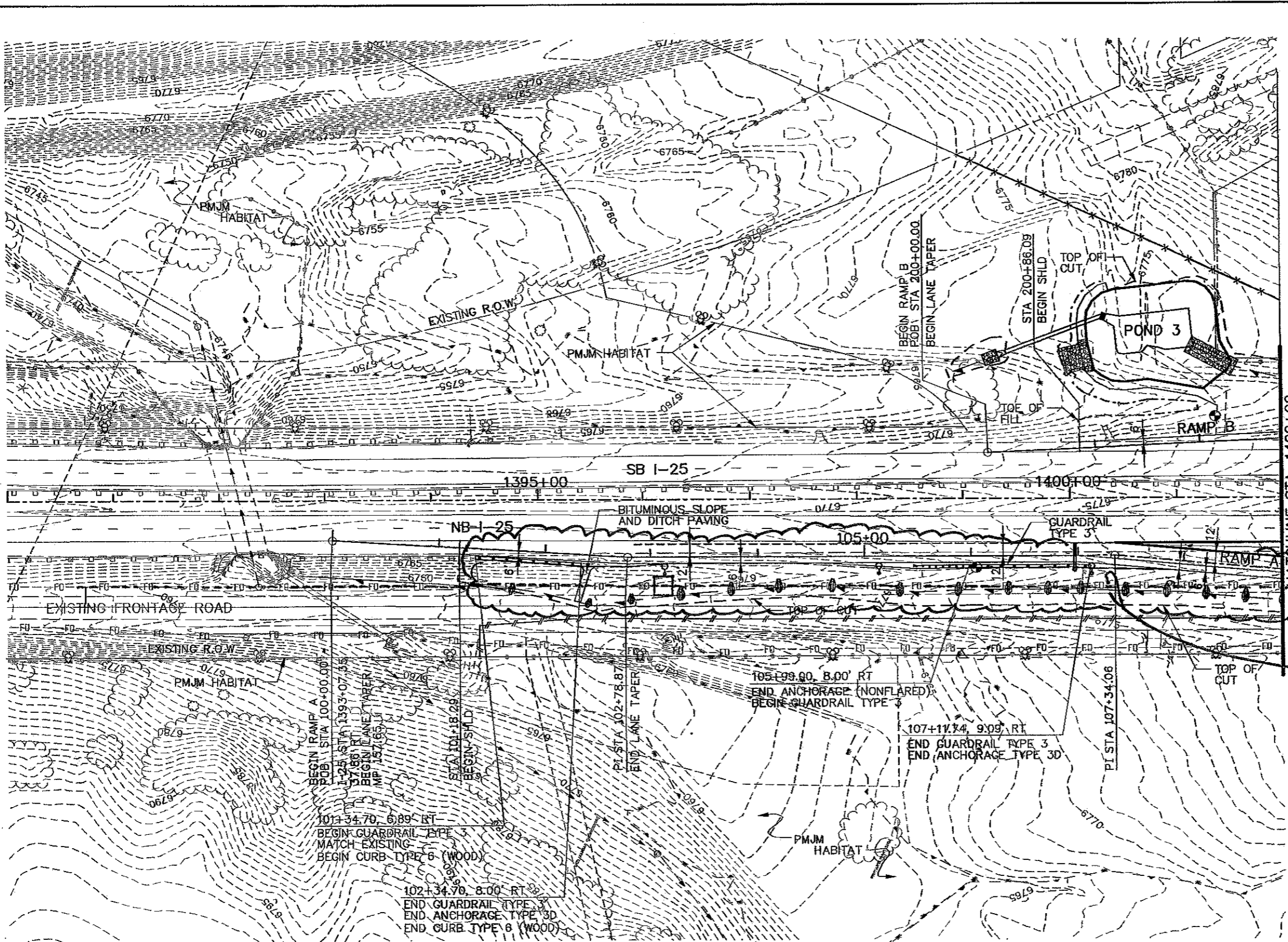
Sheet No. B7G

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(303) 296-7922

SHEET TITLE SOUTH END WINGWALLS - PHASE 2.			
REV.	DATE	BY	CHKD.
1	TA	12/18/08	
FOR BAPTIST ROAD OVER I-25			
LOCATION EL PASO COUNTY, CO.			
CONTRACTOR LAWRENCE CONST.			
ARCHITECT			
DR. TDA		CONTRACT NO. CO-815Z	SHEET NO. B15L9



(R-1) Sturgeon Electric was compensated via FFA to lower the ex. F.O. between Station 100+00 & 110+00. on Ramp 1 * EX. FIBER = "BACKBONE".

Computer File Information	
Creation Date:	07/02/02 Initials: JEM
Last Modification Date:	07/25/06 Initials: NMA
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Drawing File Name:	rdp109.dgn
Scale:	Graphic Units: English

Sheet Revisions	
(R-1)	2-02-04 F.O. LOWERED RAMP A. GMH
()	
()	
()	

Colorado Department of Transportation

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

4601 DTC Blvd. Suite 700 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276

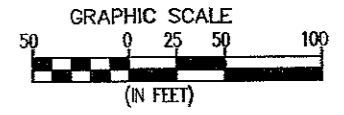
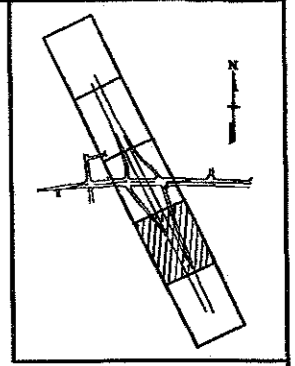
PBSJ

REGION 2 JFF

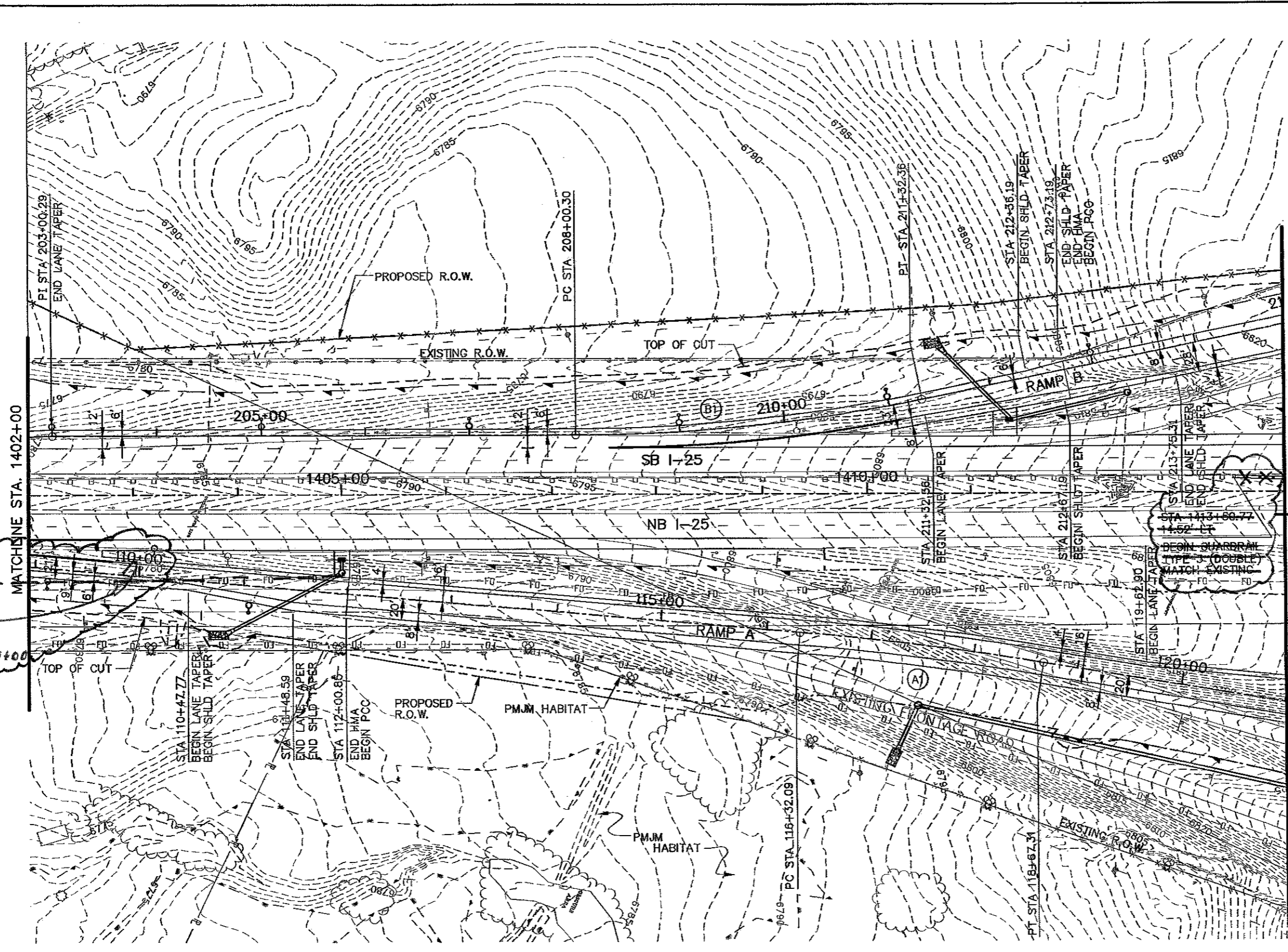
As Constructed
No Revisions:
Revised:
Void:

RAMP A & B - PLAN	
STA 1390+00 to 1402+00	
Designer:	NMA
Detailer:	JAG
Sheet Subset:	Roadway
PL of 5	

Project No./Code
IM 252-341
13388
Sheet Number 106



DELETE PLAN NOTE.



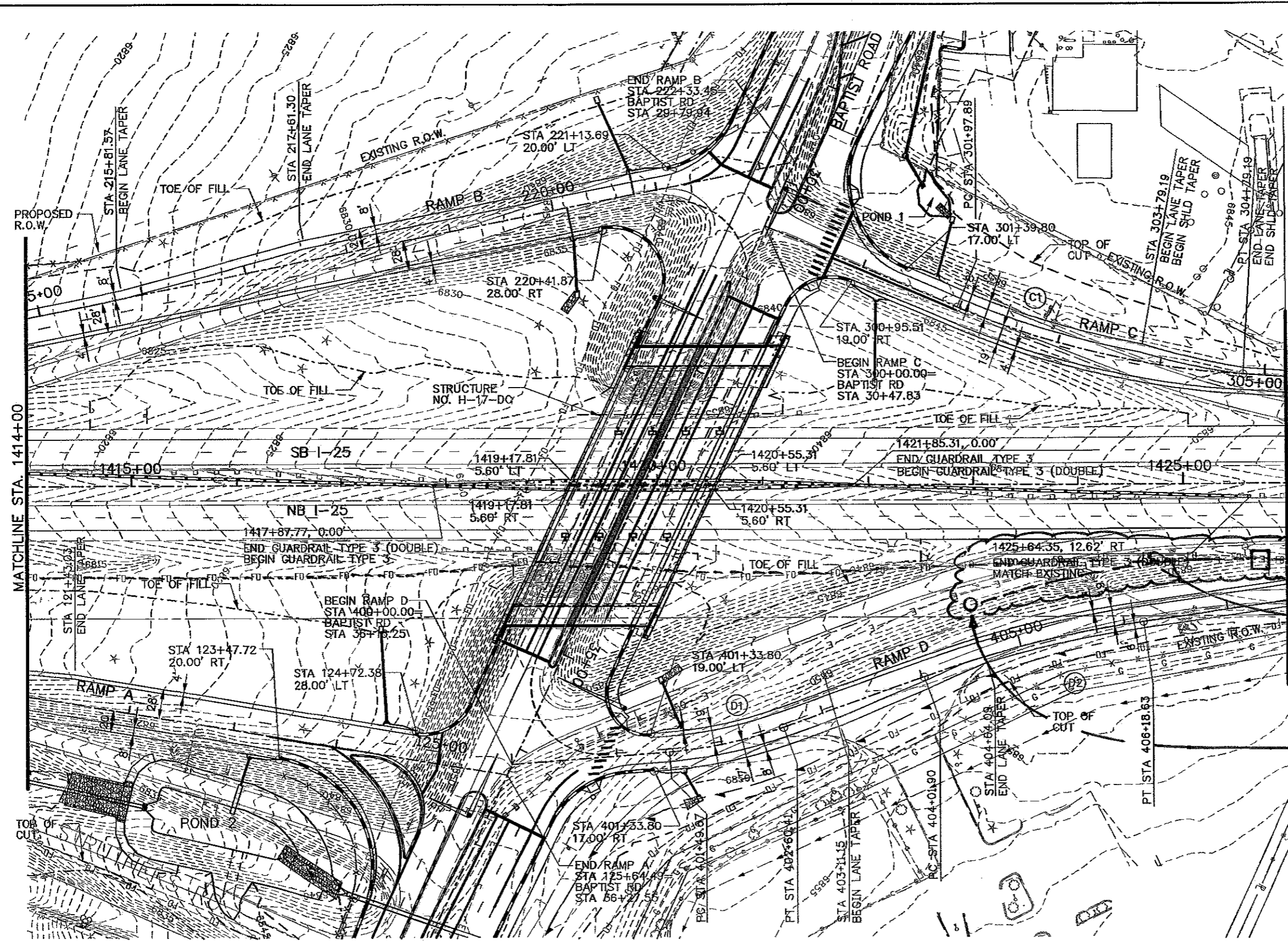
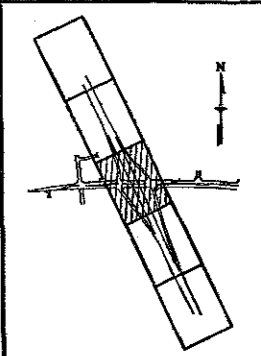
(R-1)
K. FIBER OPTIC
LOWERED BENEATH
RAMP "A". END: 110+00

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		RAMP A & B - PLAN		Project No./Code	
Creation Date:	07/02/02 Initials: JEM	(R-1)	2-02-07	By: F.O.	LOWERED RAMP A	G.M.H.	No Revisions:	STA 1402+00 to STA 1414+00		IM 252-341	
Last Modification Date:	05/10/06 Initials: NMA						Revised: G.M.H. # 7-26-10	Designer:	NMA	Structure	
Full Path:	S:\Tranpro\246091-00\HwyDes\Plans\						Void:	Detailer:	JAG	Numbers	
Drawing File Name:	rdpi10.dgn							Sheet Subset:	Roadway		Sheet Number
Scale:	Graphic									PL2 of 5	107 R1
Units:	English										

1480 Quail Lake Loop
Suite A
Colorado Springs, CO 80906
Phone: (719) 634-2323
Fax: (719) 221-3998



REGION 2 JFF



(R-1)
 EX. FIBER OPTIC LOWERED UNDER
 LINE ITEM 700 - FIA BY ELEC.
 SUBCONTRACTOR - STA. 405+00
 +19+00 (SEE MEMO IDS. 09 DAT
 2-2-2009.)

(R-2)
 EX. CAMERA MOVED HERE BY ELEC.
 SUBCONTRACTOR.

Computer File Information	
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Last Modification Date:	05/10/06 Initials: NMA
Full Path:	S:\Tranpro\ 246091-00\HwyDes\Plans\
Drawing File Name:	rdpl11.dgn
Scale:	Graphic
Units:	English

Sheet Revisions	
(R-1)	2-2-09 SEE MEMO IDS. 09 GWH
(R-2)	3-5-09 RELOCATE EX. CAMERA GWH

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 Suite 700
 Denver, CO 80237
 Phone: (303) 221-7275
 Fax: (303) 221-7276

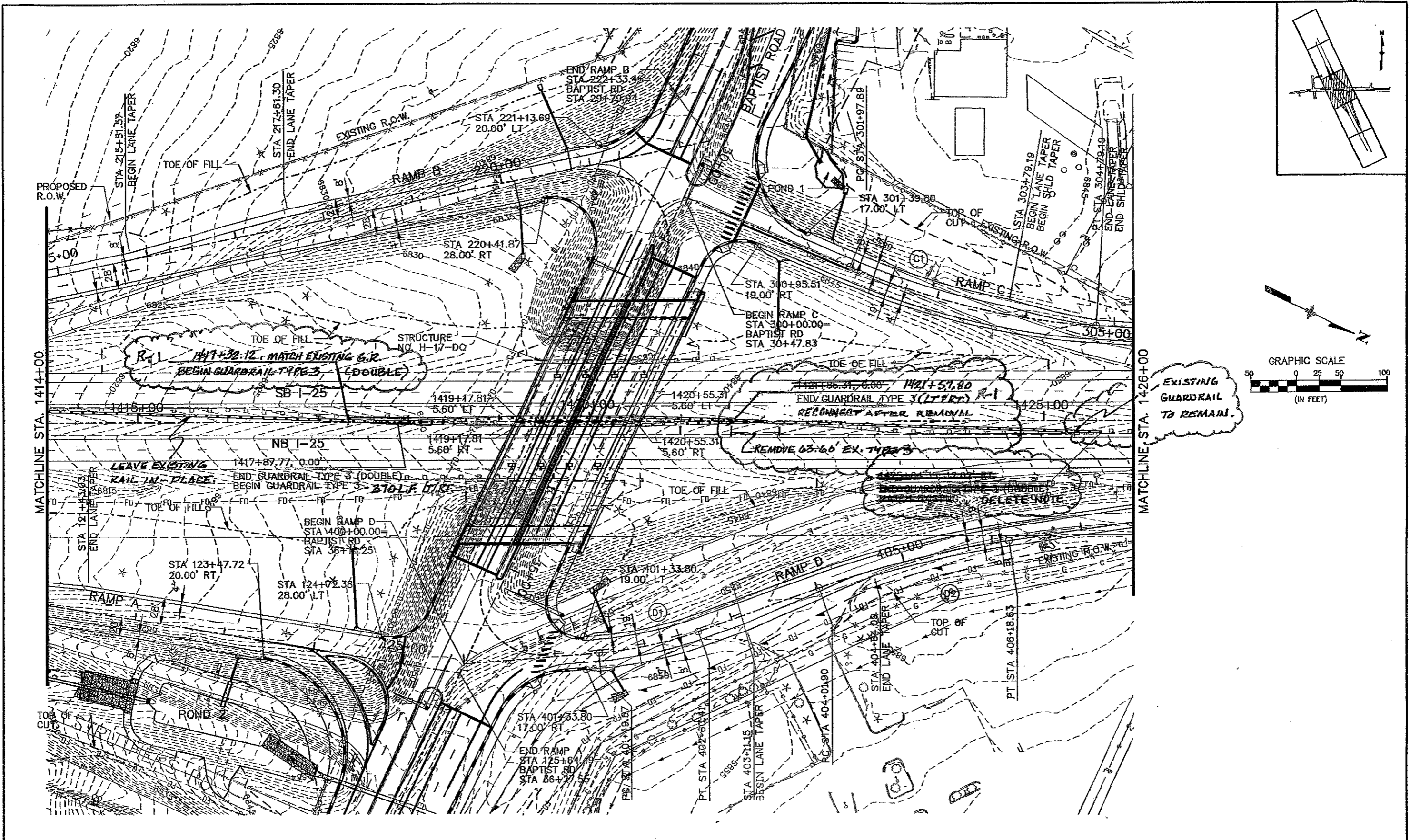
PBSJ

REGION 2 JFF

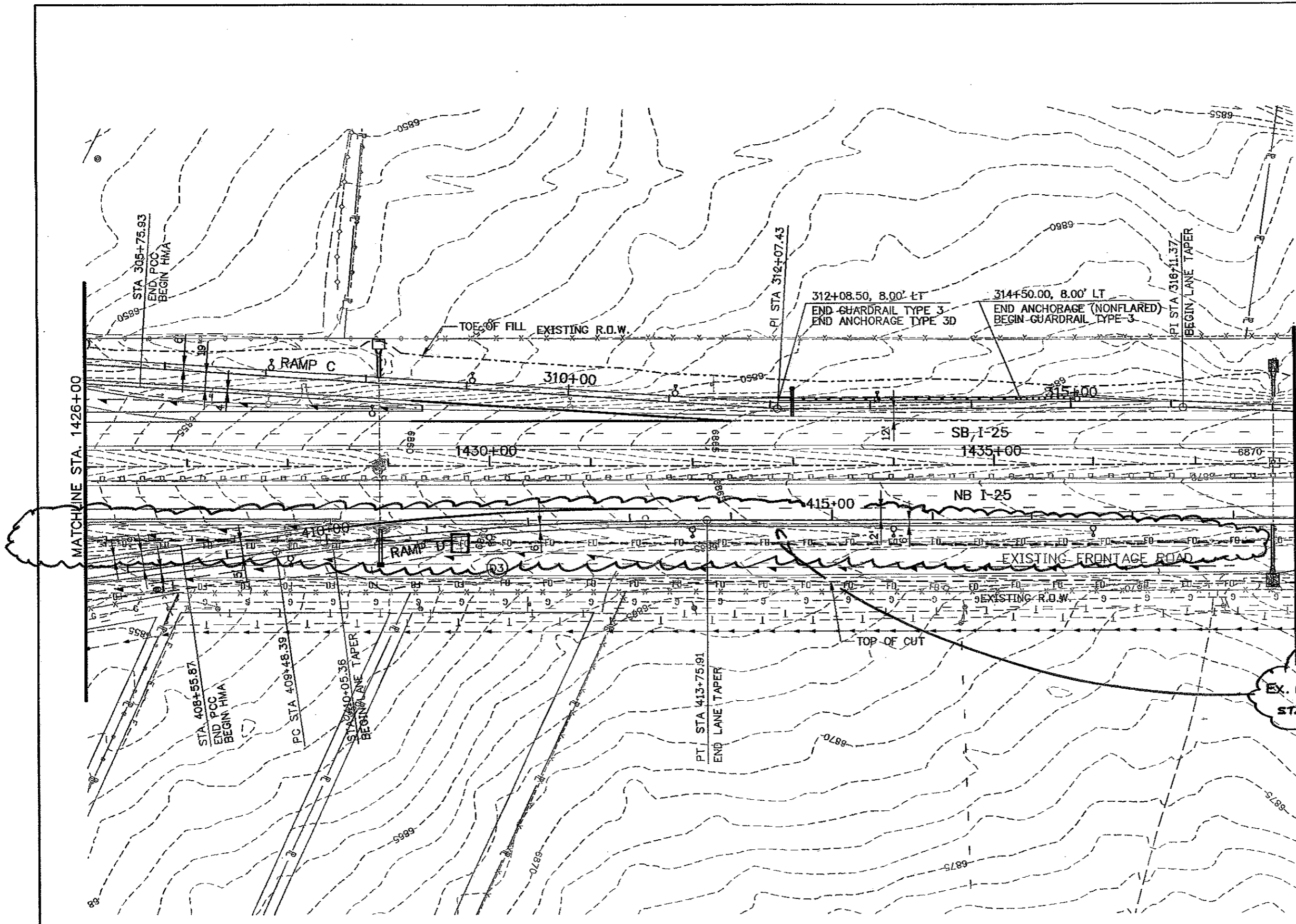
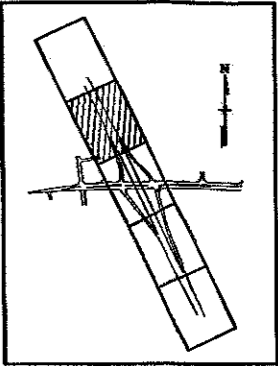
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Revised:	7-26-10 GWH
Void:	

RAMP A, B, C & D - PLAN		
STA 1414+00 to STA 1426+00		
Designer:	NMA	Structure Numbers
Detailer:	JAG	
Sheet Subset:	Roadway	PL3 of 5

Project No./Code	
IM 252-341	
13388	
Sheet Number	108



Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		RAMP A, B, C & D - PLAN		Project No./Code	
Creation Date:	07/02/02 Initials: JEM	(R-1)	9-14-09 GUARDRAIL STA. MADIEY GMH	1480 Quail Lake Loop Suite A Colorado Springs, CO 80906 Phone: (719) 634-2323 Fax: (719) 227-3288		No Revisions:		STA 1414+00 to STA 1426+00		IM 252-341	
Last Modification Date:	05/10/06 Initials: NMA			4801 DTC Blvd Suite 700 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276		Revised:		Designer: NMA		Structure	
Full Path:	S:\Tranproj\246091-00\HwyDes\Plans\			REGION 2 JFF		Void:		Detailer: JAG		Numbers	
Drawing File Name:	rcpl11.dgn							Sheet Subset: Roadway		13388	
Scale:	Graphic									Sheet Number 108 of 110	
Units:	English									PL3 of 5	



(R-1)
 EX. FIBER OPTIC ("BACKBONE") LOWERED BETWEEN STA. 405+00 AND 419+00.

Computer File Information	
Creation Date:	09/08/05 Initials: JAG
Last Modification Date:	05/10/06 Initials: NMA
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Scale:	Graphic
Units:	English

Sheet Revisions	
(R-1)	2-2-09 F.O. LOWERED GMH

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4601 DTC Blvd Suite 700 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276

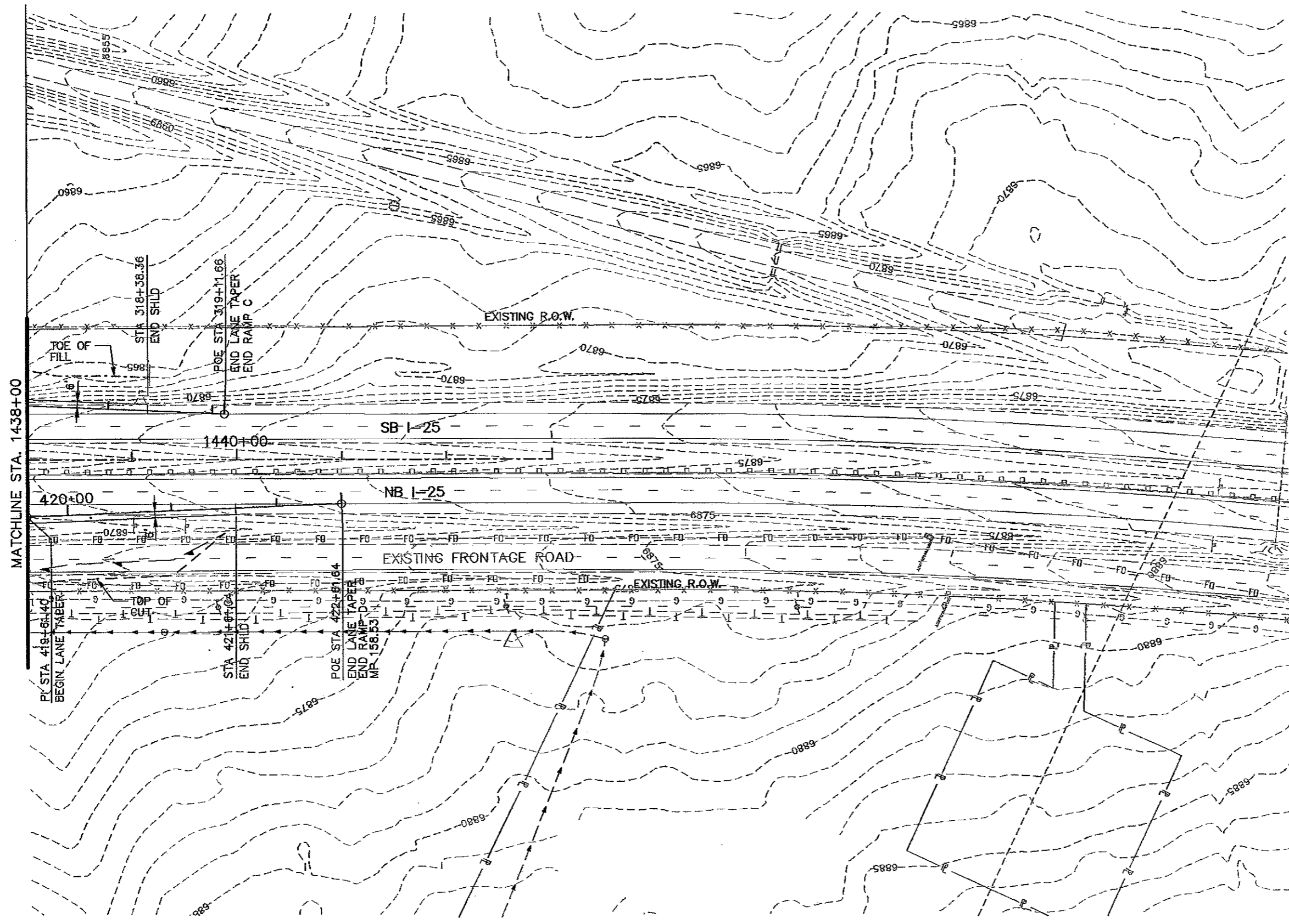
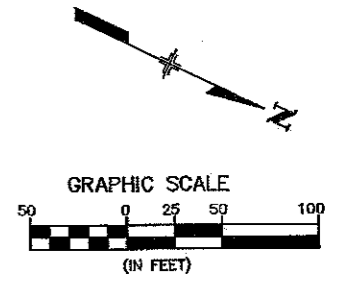
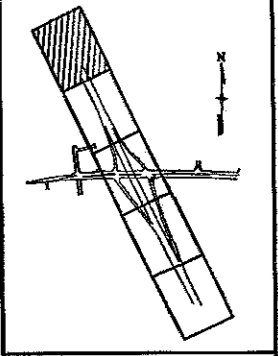
PBSJ



REGION 2 JFF

As Constructed
No Revisions:
Revised: GMH 7-26-10
Void:

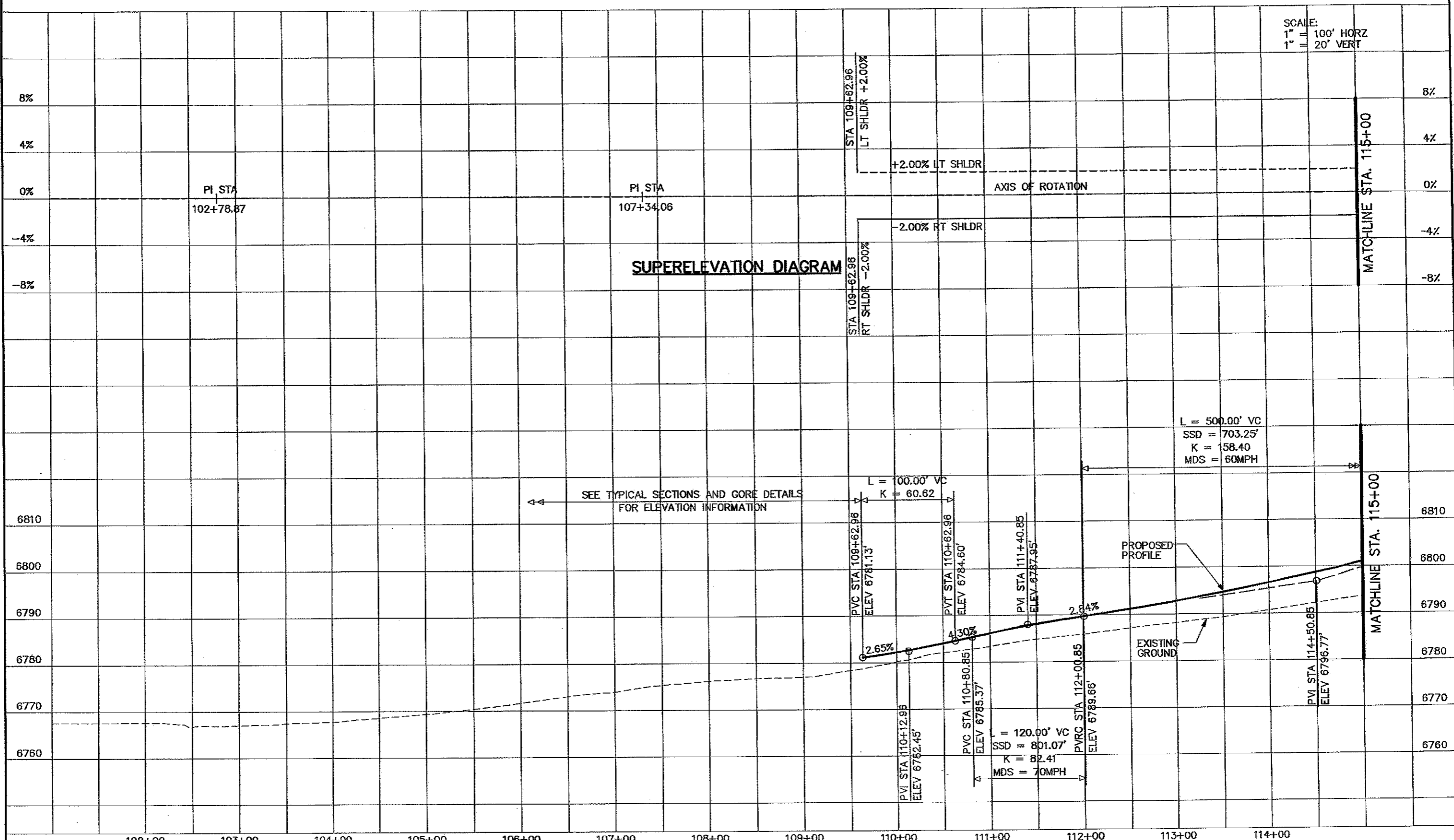
RAMP C & D - PLAN	
STA 1426+00 to STA 1438+00	
Designer:	NMA
Detailer:	JAG
Sheet Subset:	Roadway
PL4 of 5	



Project No./Code
IM 252-341
13388
Sheet Number 109



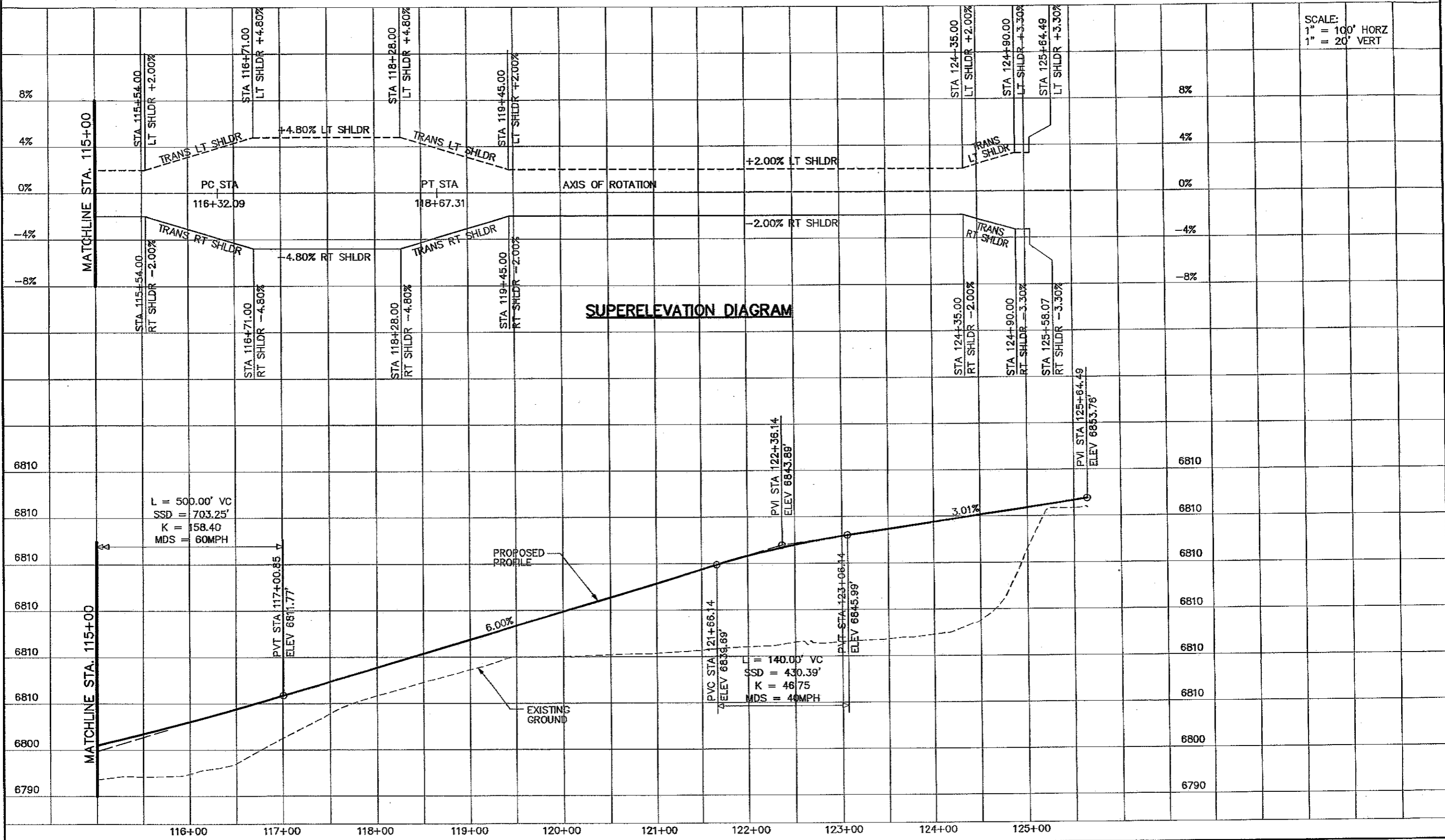
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SCALE:
1" = 100' HORZ
1" = 20' VERT



Computer File Information Creation Date: 10/24/02 Initials: JEM Last Modification Date: 05/10/06 Initials: NMA Full Path: S:\Tranproj\246091-00\HwyDes\Plans\ Drawing File Name: rdpr03.dgn Scale: Graphic Units: English		Sheet Revisions <table border="1"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>										Colorado Department of Transportation  1480 Quail Lake Loop, Suite A, Colorado Springs, CO 80906, Phone: (719) 634-2323, Fax: (719) 227-3298  4601 DTC Blvd, Suite 700, Denver, CO 80237, Phone: (303) 221-7275, Fax: (303) 221-7276 REGION 2 JFF		As Constructed No Revisions: <i>GMH 7-26-10</i> Revised: Void:		RAMP A - PROFILE STA 109+62.96 to STA 115+00.00 Designer: NMA Structure Numbers: Detailer: JAG Sheet Subset: Roadway PR1 of 8		Project No./Code IM 252-341 13388 Street Number 111	

SCALE:
1" = 100' HORZ
1" = 20' VERT



L = 500.00' VC
SSD = 703.25'
K = 158.40
MDS = 60MPH

L = 140.00' VC
SSD = 430.39'
K = 46.75
MDS = 40MPH

Computer File Information	
Creation Date:	10/24/02 Initials: JEM
Last Modification Date:	11/30/05 Initials: NMA
Full Path:	S:\Tranproj\246091-00\HwyDes\Plans\
Drawing File Name:	rdpr04.dgn
Scale:	Graphic Units: English

Sheet Revisions	

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Fax: (719) 221-3290

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Suite 700
Denver, CO 80237
Phone: (303) 221-7275
Fax: (303) 221-7276

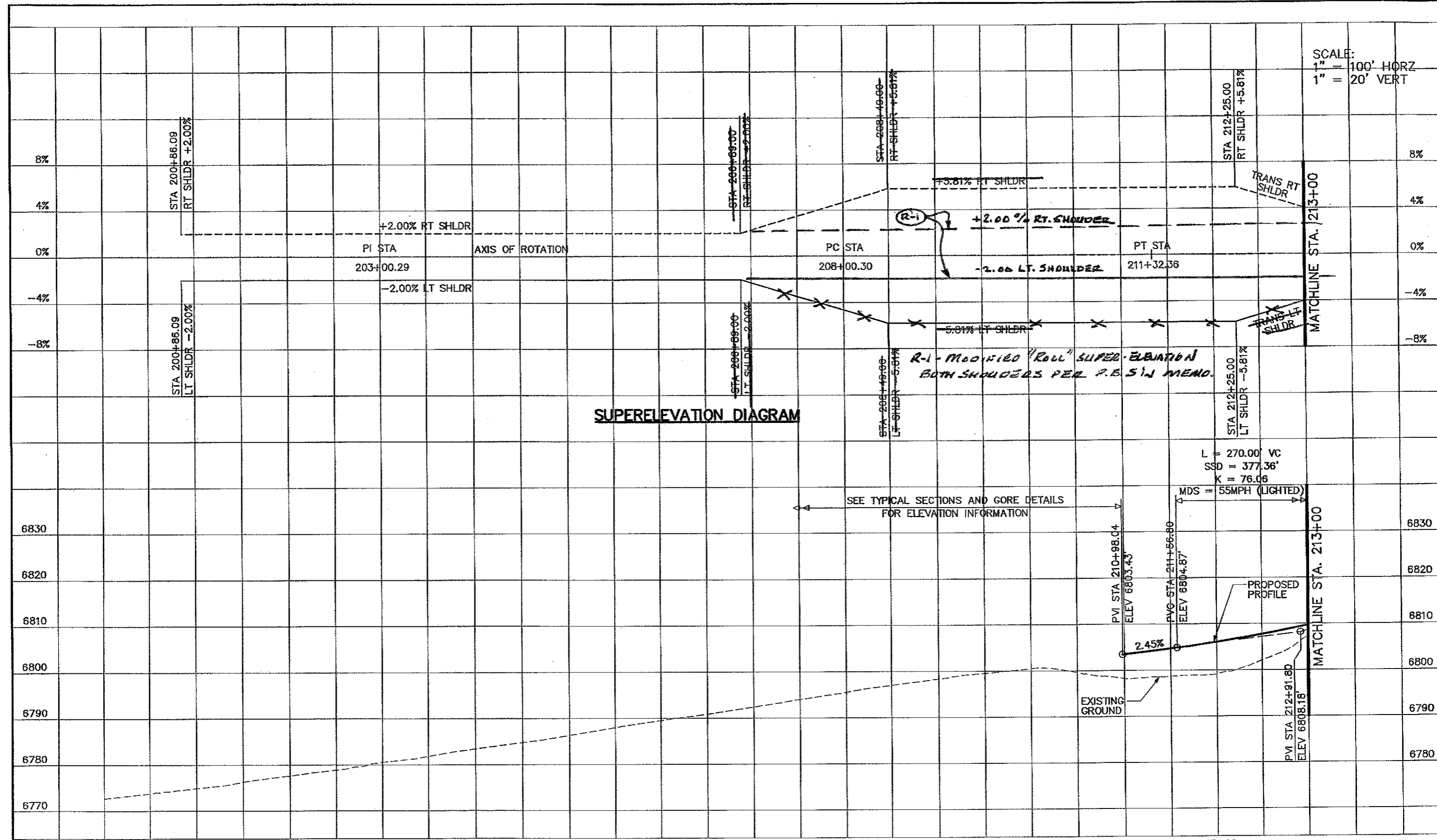
REGION 2 JFF

As Constructed	
No Revisions:	GMH 7-26-10
Revised:	
Void:	

RAMP A - PROFILE		
STA 115+00.00 to 125+64.49		
Designer:	NMA	Structure
Detailer:	JEM	Numbers
Sheet Subset:	Roadway	PR2 of 8

Project No./Code	
IM 252-341	13388
Sheet Number	112

SCALE:
 1" = 100' HORZ
 1" = 20' VERT



SUPERELEVATION DIAGRAM

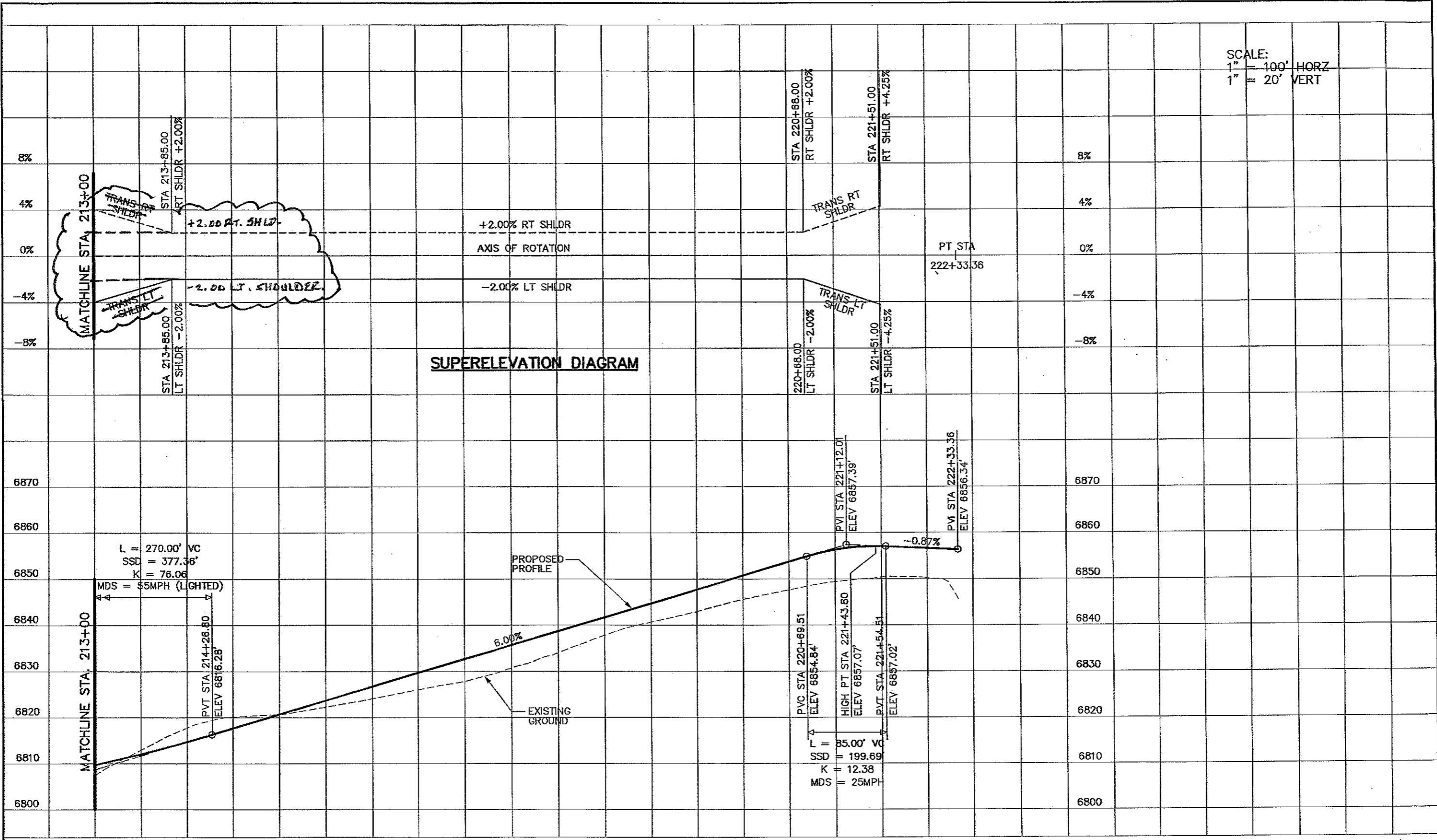
*R-1 Modified "Roll" SUPER-ELEVATION
 BOTH SHOULDERS PER P.B. S.I. MEMO.*

SEE TYPICAL SECTIONS AND GORE DETAILS
 FOR ELEVATION INFORMATION

L = 270.00' VC
 SSD = 377.36'
 K = 76.06
 MDS = 55MPH (LIGHTED)

Computer File Information Creation Date: 10/24/02 Initials: JEM Last Modification Date: 05/10/06 Initials: NMA Full Path: S:\Tranproj\246091-00\HwyDes\Plans\ Drawing File Name: rdpr05.dgn Scale: Graphic Units: English		Sheet Revisions (R-1) 3-13-09 SUPER-ELEV. MODIFY. GMAK		Colorado Department of Transportation 1480 Quail Lake Loop, Suite A, Colorado Springs, CO 80906 4601 DTC Blvd, Suite 700, Denver, CO 80237 Phone: (719) 634-2325 Fax: (719) 227-3298 PBSJ REGION 2 JFF		As Constructed No Revisions: Revised: GMA 7-26-10 Void:		RAMP B - PROFILE STA 200+86.09 to STA 213+00.00 Designer: NMA Detailer: NMA Sheet Subset: Roadway		Project No./Code IM 252-341 13388 Sheet Number 113	
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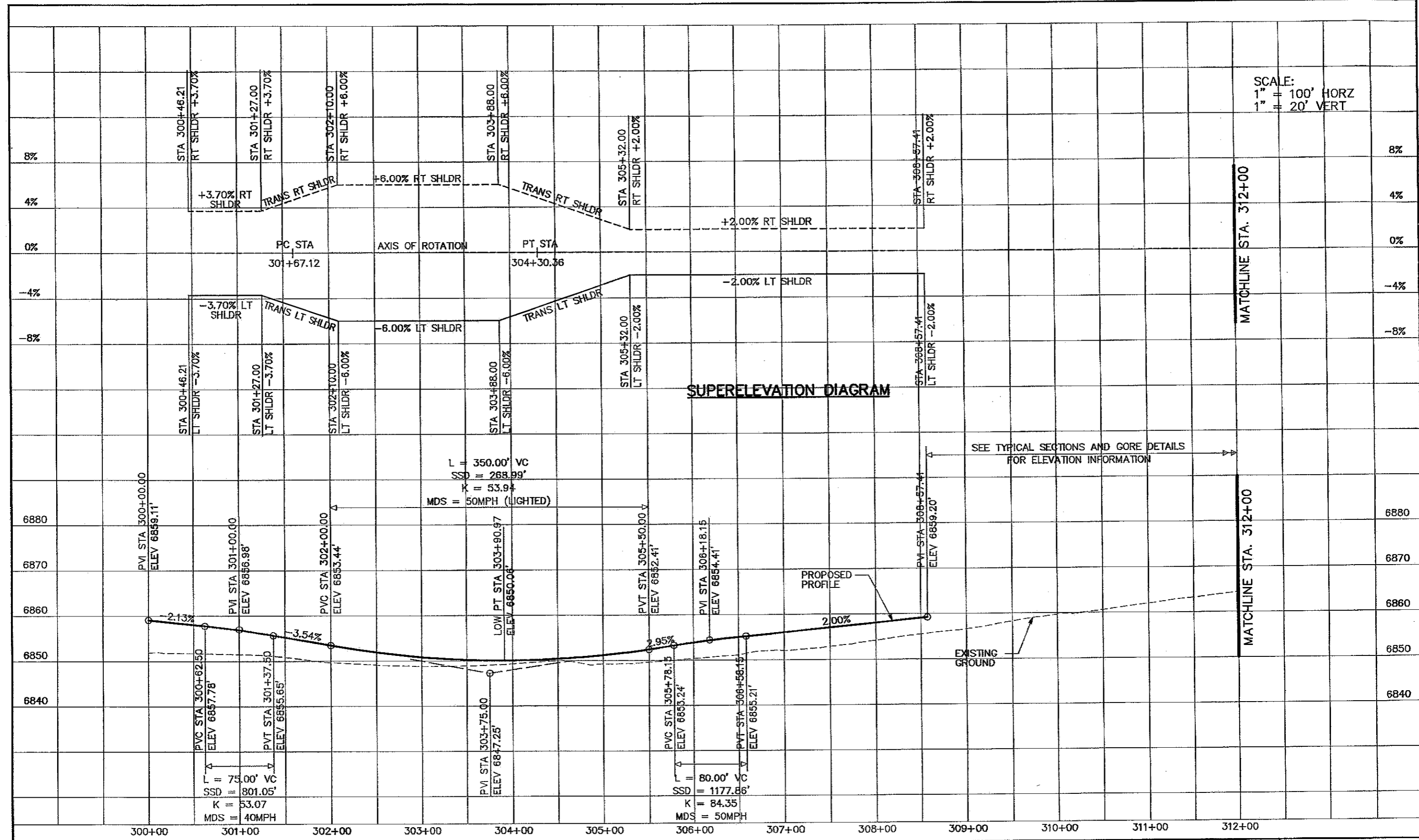
SCALE:
1" = 100' HORZ
1" = 20' VERT



SUPERELEVATION DIAGRAM

Computer File Information Creation Date: 10/24/02 Initials: JEM Last Modification Date: 01/31/06 Initials: NMA Full Path: S:\Tranproj\246091-00\HwyDes\Plans\ Drawing File Name: rdpr06.dgn Scale: Graphic Units: English		Sheet Revisions 2-13-04 SUPER ELEV. MODIFY GMAH		Colorado Department of Transportation 1480 Oval Lake Loop Suite A Colorado Springs, CO 80906 Phone: (719) 634-2323 Fax: (719) 221-3296 4601 EPC Blvd. Suite 700 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276 PBSJ REGION 2 JFF		As Constructed No Revisions: Revised: GMAH 11-26-10 Void:		RAMP B - PROFILE STA 213+00.00 to STA 222+33.36 Designer: NMA Structure Numbers Detailer: NMA Numbers Sheet Subset: Roadway PR4 of 8		Project No./Code IM 252-341 13388 Sheet Number 114	
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SCALE:
1" = 100' HORZ
1" = 20' VERT




SUPERELEVATION DIAGRAM

SEE TYPICAL SECTIONS AND GORE DETAILS FOR ELEVATION INFORMATION


Computer File Information	
Creation Date:	10/24/02 Initials: JEM
Last Modification Date:	05/10/06 Initials: NMA
Full Path:	S:\Tranpro\246091-00\HwyDes\Plans\
Drawing File Name:	rdpr07.dgn
Scale:	Graphic
Units:	English

Sheet Revisions	

Colorado Department of Transportation



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Fax: (719) 227-3298



4601 DTC Blvd.
Suite 700
Denver, CO 80237
Phone: (303) 221-7275
Fax: (303) 221-7276

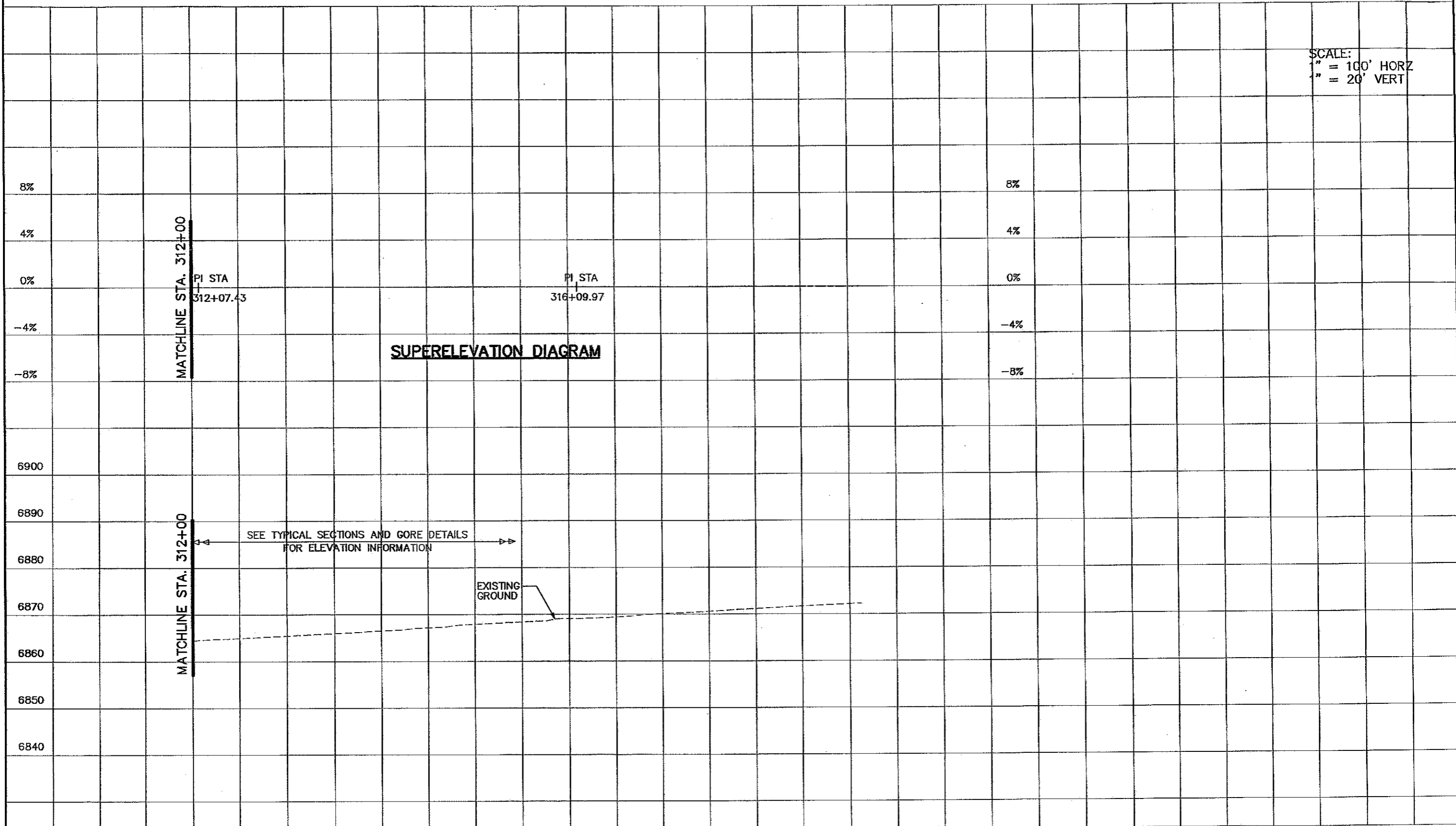
REGION 2 JFF

As Constructed	
No Revisions:	GMH 7-26-10
Revised:	
Void:	

RAMP C - PROFILE		
STA 300+00 to STA 312+00		
Designer:	NMA	Structure
Detailer:	NMA	Numbers
Sheet Subset:	Roadway	PR5 of 8

Project No./Code	
IM 252-341	
13388	
Sheet Number	115

SCALE:
 1" = 100' HORZ
 1" = 20' VERT



SEE TYPICAL SECTIONS AND GORE DETAILS
 FOR ELEVATION INFORMATION

EXISTING
 GROUND

312+00 313+00 314+00 315+00 316+00 317+00 318+00 319+00

Computer File Information	
Creation Date:	10/24/02 Initials: JEM
Last Modification Date:	05/10/06 Initials: NMA
Full Path:	S:\Tranproj\246091-00\HwyDes\Plans\
Drawing File Name:	rdpr08.dgn
Scale:	Graphic
Units:	English

Sheet Revisions	

Colorado Department of Transportation

1480 Gault Lake Loop Suite A Colorado Springs, CO 80906 Phone: (719) 534-2323 Fax: (719) 227-3296

4601 DTC Blvd. Suite 700 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276

PBSJ

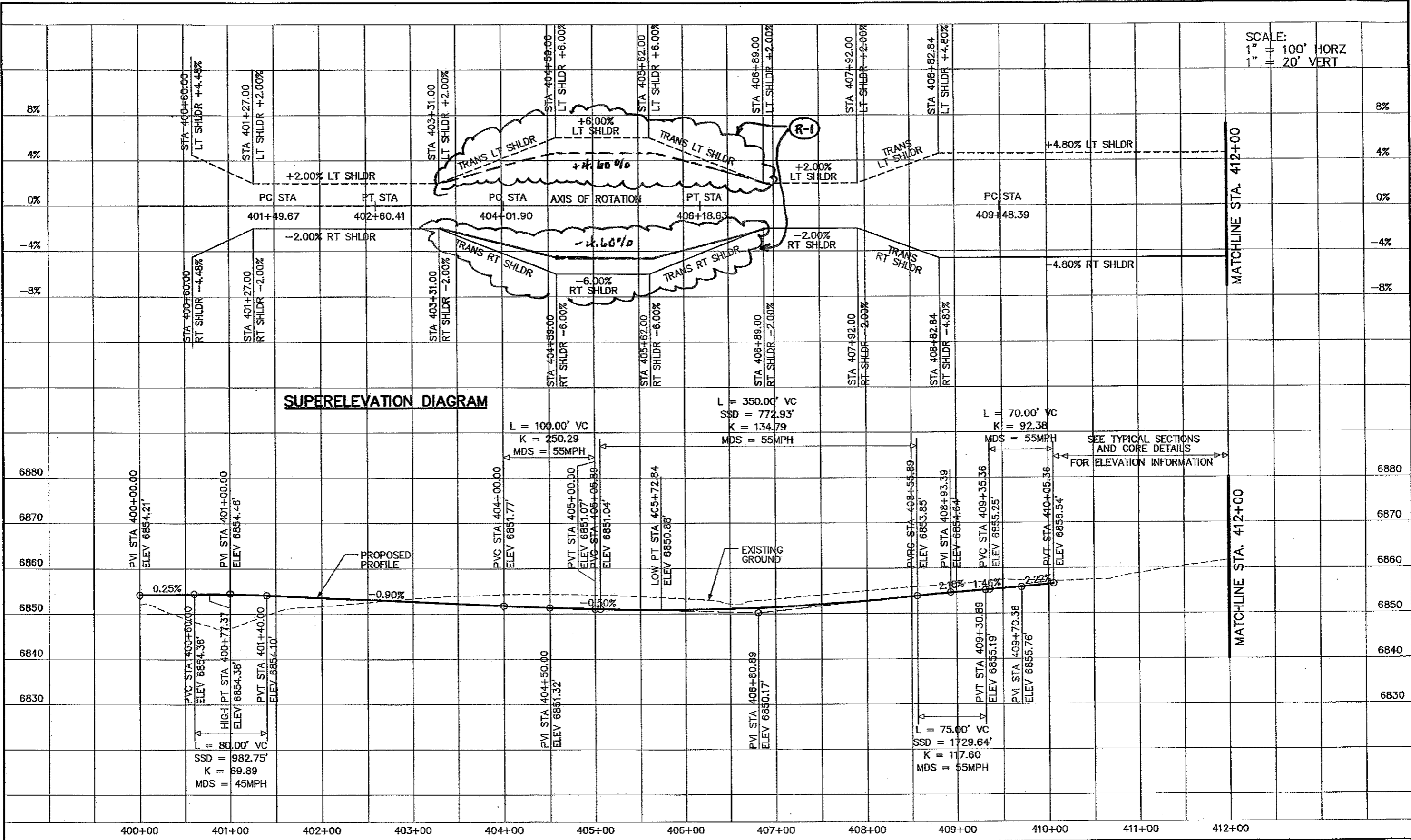
REGION 2 JFF

As Constructed
No Revisions: <i>GMH 7/26/10</i>
Revised:
Void:

RAMP C - PROFILE	
STA 312+00.00 to STA 319+11.66	
Designer: NMA	Structure Numbers
Detailer: NMA	
Sheet Subset: Roadway	PR6 of 8

Project No./Code
IM 252-341
13388
Sheet Number 116

SCALE:
1" = 100' HORZ
1" = 20' VERT



SUPERELEVATION DIAGRAM

SEE TYPICAL SECTIONS
AND GORE DETAILS
FOR ELEVATION INFORMATION

Computer File Information	
Creation Date:	10/24/02 Initials: JEM
Last Modification Date:	05/10/06 Initials: NMA
Full Path:	S:\Tranproj\246091-00\HwyDes\Plans\
Drawing File Name:	rdpr09.dgn
Scale:	Graphic
Units:	English

Sheet Revisions		
(M-1)	4-6-10	SUPER ELEV CHANGE GMH

Colorado Department of Transportation

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Suite A
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Suite 700
Denver, CO 80237
Phone: (303) 221-7275
Fax: (303) 221-7276

PBSJ

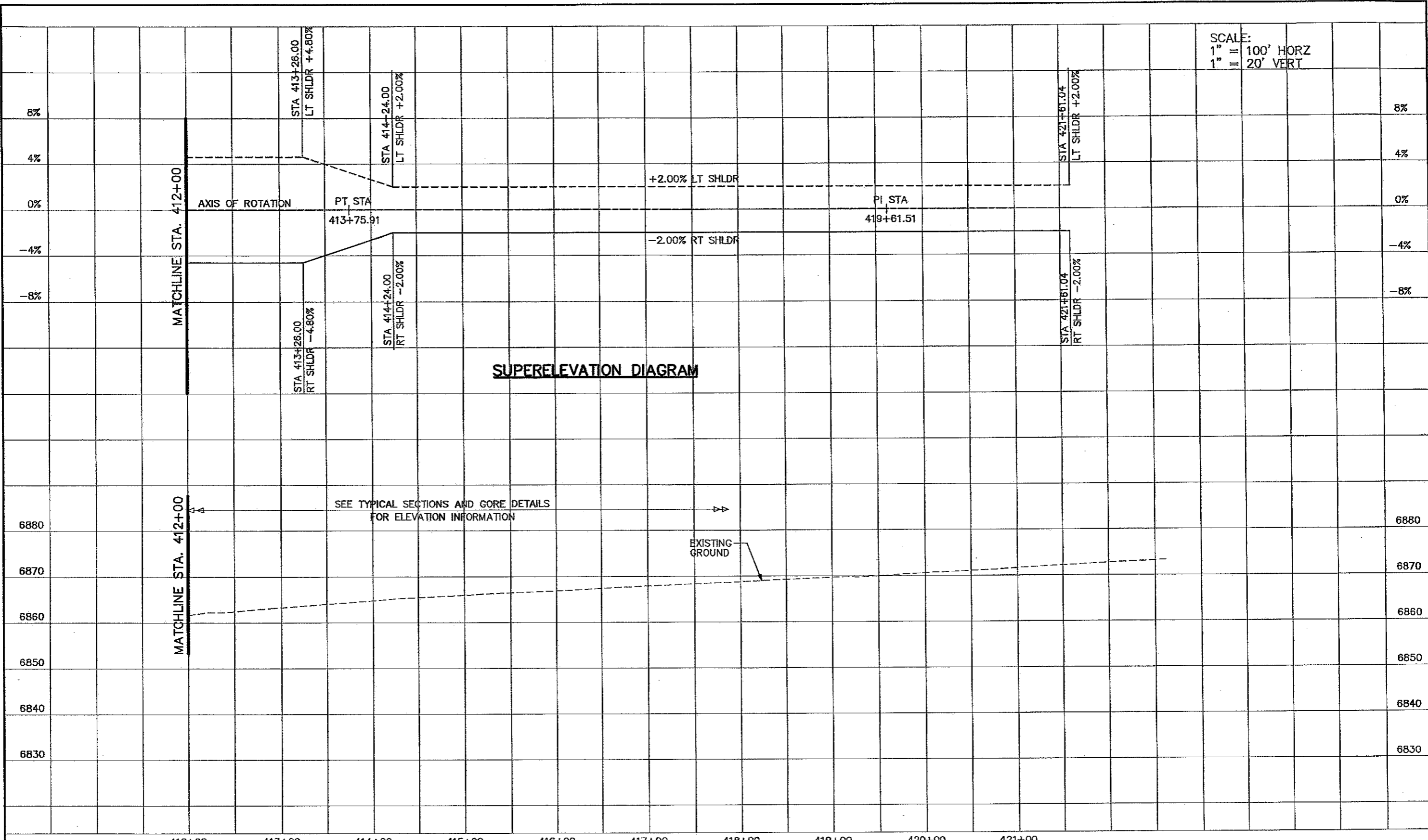
REGION 2 JFF

As Constructed	
No Revisions:	
Revised:	GMH 7-26-10
Void:	

RAMP D - PROFILE STA 400+00 to STA 412+00		
Designer:	NMA	Structure Numbers
Detailer:	NMA	
Sheet Subset:	Roadway	PR7 of 8

Project No./Code	
IM 252-341	
13388	
Sheet Number	117


SCALE:
 1" = 100' HORZ
 1" = 20' VERT



SUPERELEVATION DIAGRAM

SEE TYPICAL SECTIONS AND GORE DETAILS FOR ELEVATION INFORMATION

EXISTING GROUND

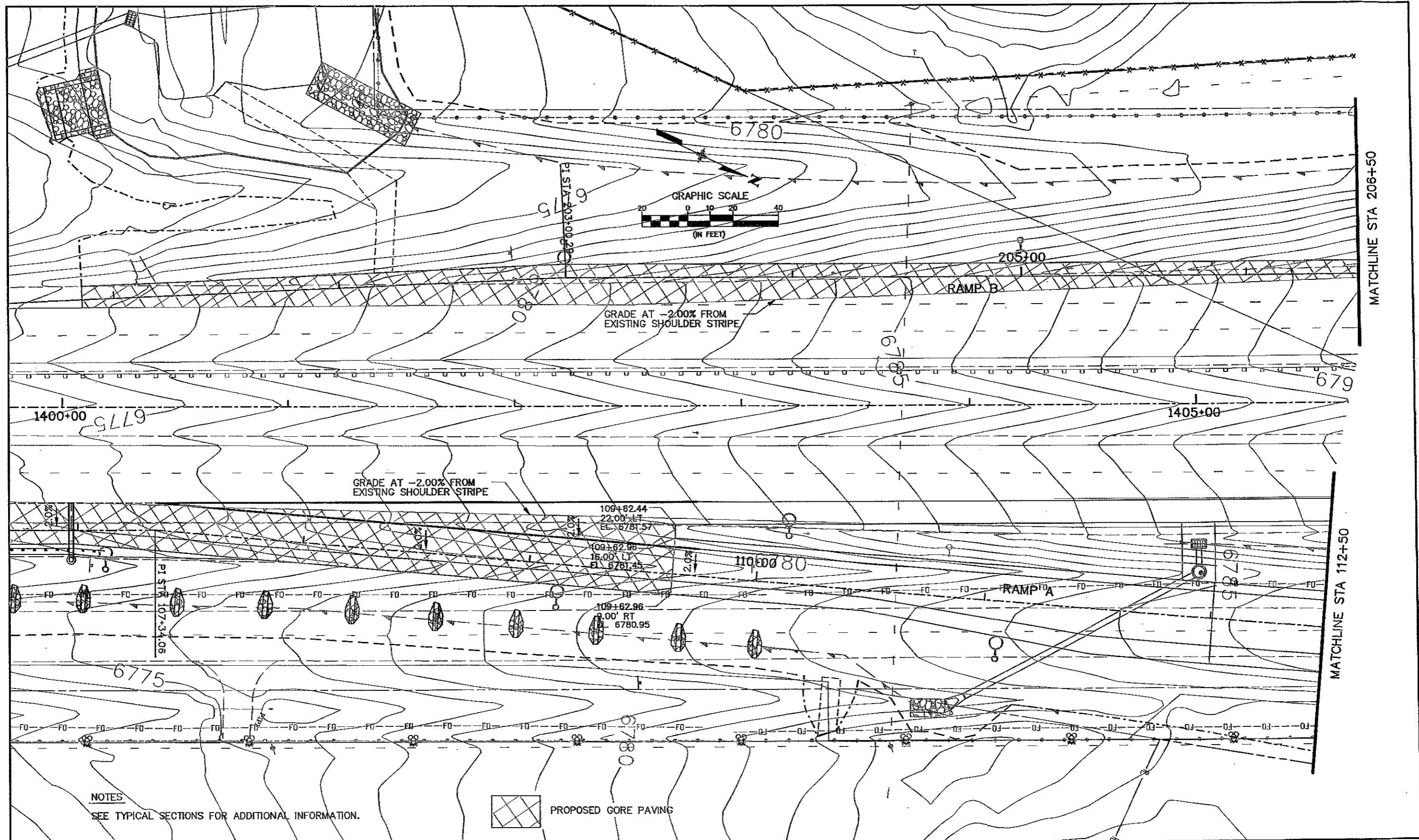
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JFF

PRB of 8




NOTES
SEE TYPICAL SECTIONS FOR ADDITIONAL INFORMATION.


 PROPOSED GORE PAVING

Computer File Information	
Creation Date:	01/31/06 Initials: NMA
Last Modification Date:	05/10/06 Initials: NMA
Full Path:	S:\Tranproj\246091-00\HwyDes\Plans\
Drawing File Name:	godt01.dgn
Scale: ENGLISH Units: GRAPHIC	

Sheet Revisions	
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Colorado Department of Transportation

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

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REGION 2 JFF

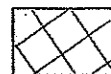
As Constructed	
No Revisions:	GMH 7-31-10
Revised:	
Void:	

RAMP A GORE DETAIL		
Designer:	NMA	Structure Numbers
Detailer:	NMA	
Sheet Subset: Roadway		GD1 of 3

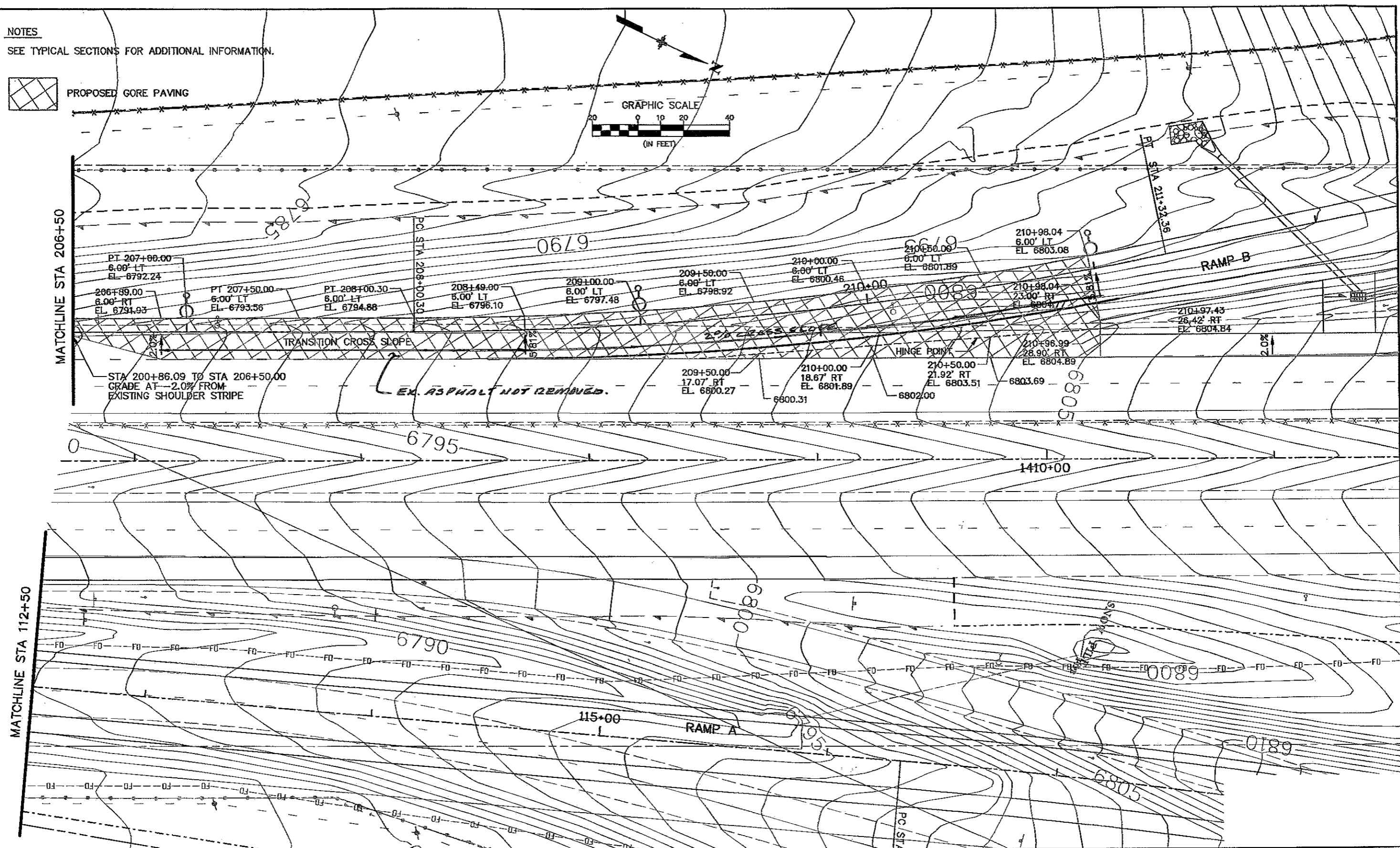
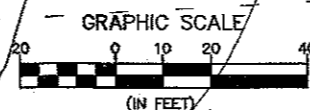
Project No./Code	
IM 252-341	
13388	
Sheet Number	130

NOTES

SEE TYPICAL SECTIONS FOR ADDITIONAL INFORMATION.




PROPOSED GORE PAVING




Computer File Information	
Creation Date:	01/31/06 Initials: NMA
Last Modification Date:	04/17/06 Initials: NMA
Full Path:	S:\Tranproj\246091-00\HwyDes\Plans\
Drawing File Name:	godt02.dgn
Scale:	ENGLISH Units: GRAPHIC

Sheet Revisions	

Colorado Department of Transportation



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Fax: (719) 221-3296



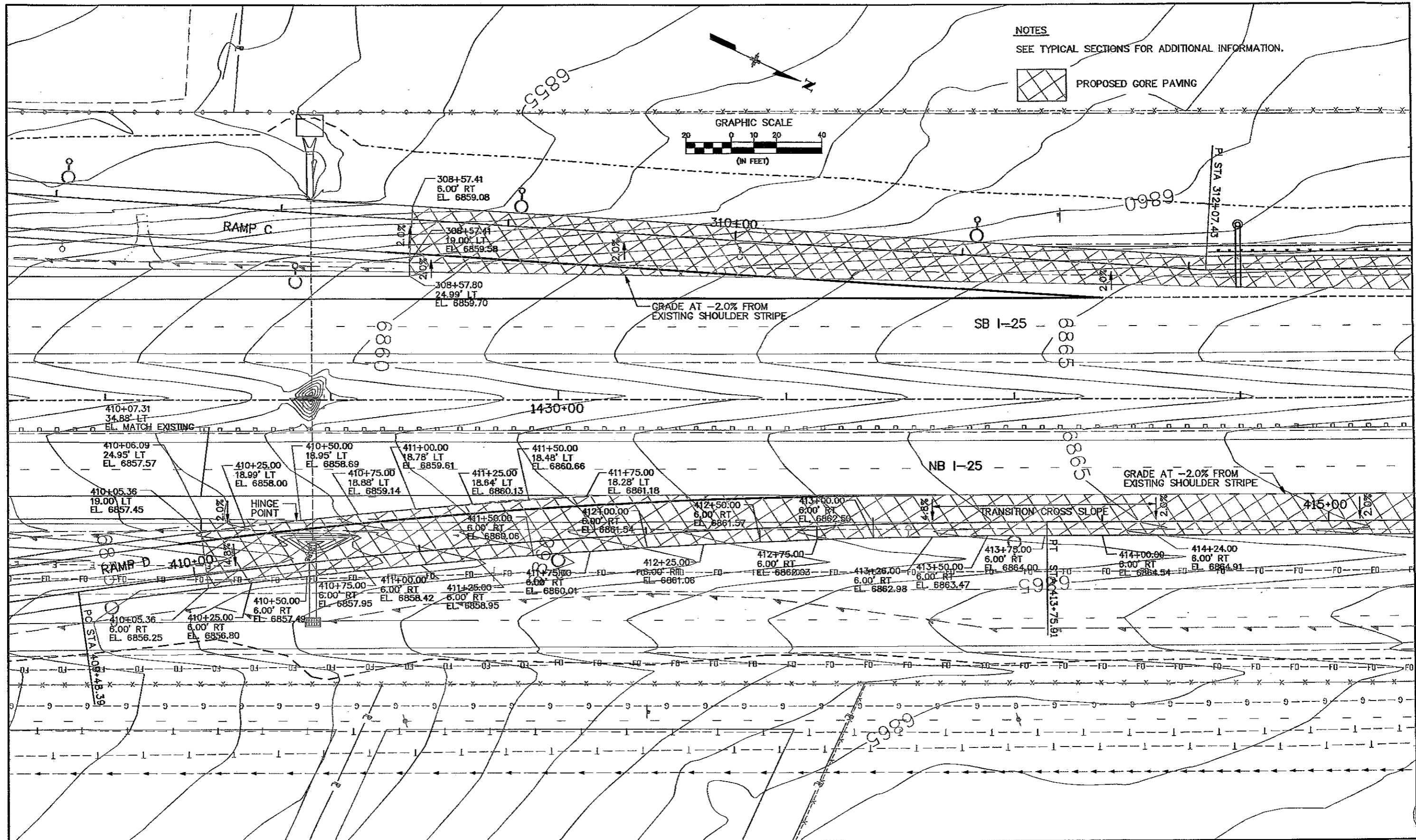
4601 DTC Blvd.
Suite 700
Denver, CO 80237
Phone: (303) 221-7275
Fax: (303) 221-7276

REGION 2 JFF


As Constructed
No Revisions:
Revised: <i>GMH 7-31-10</i>
Void:

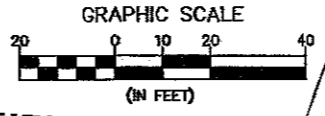
RAMP B GORE DETAIL	
Designer:	NMA
Detailer:	NMA
Structure Numbers	
Sheet Subset: Roadway	GD2 of 3

Project No./Code
IM 252-341
13388
Sheet Number 131



NOTES
SEE TYPICAL SECTIONS FOR ADDITIONAL INFORMATION.


 PROPOSED GORE PAVING




Computer File Information	
Creation Date:	01/25/06 Initials: NMA
Last Modification Date:	04/17/06 Initials: NMA
Full Path:	S:\Tranproj\246091-00\HwyDes\Plans\
Drawing File Name:	godt03.dgn
Scale: ENGLISH Units: GRAPHIC	

Sheet Revisions	

Colorado Department of Transportation



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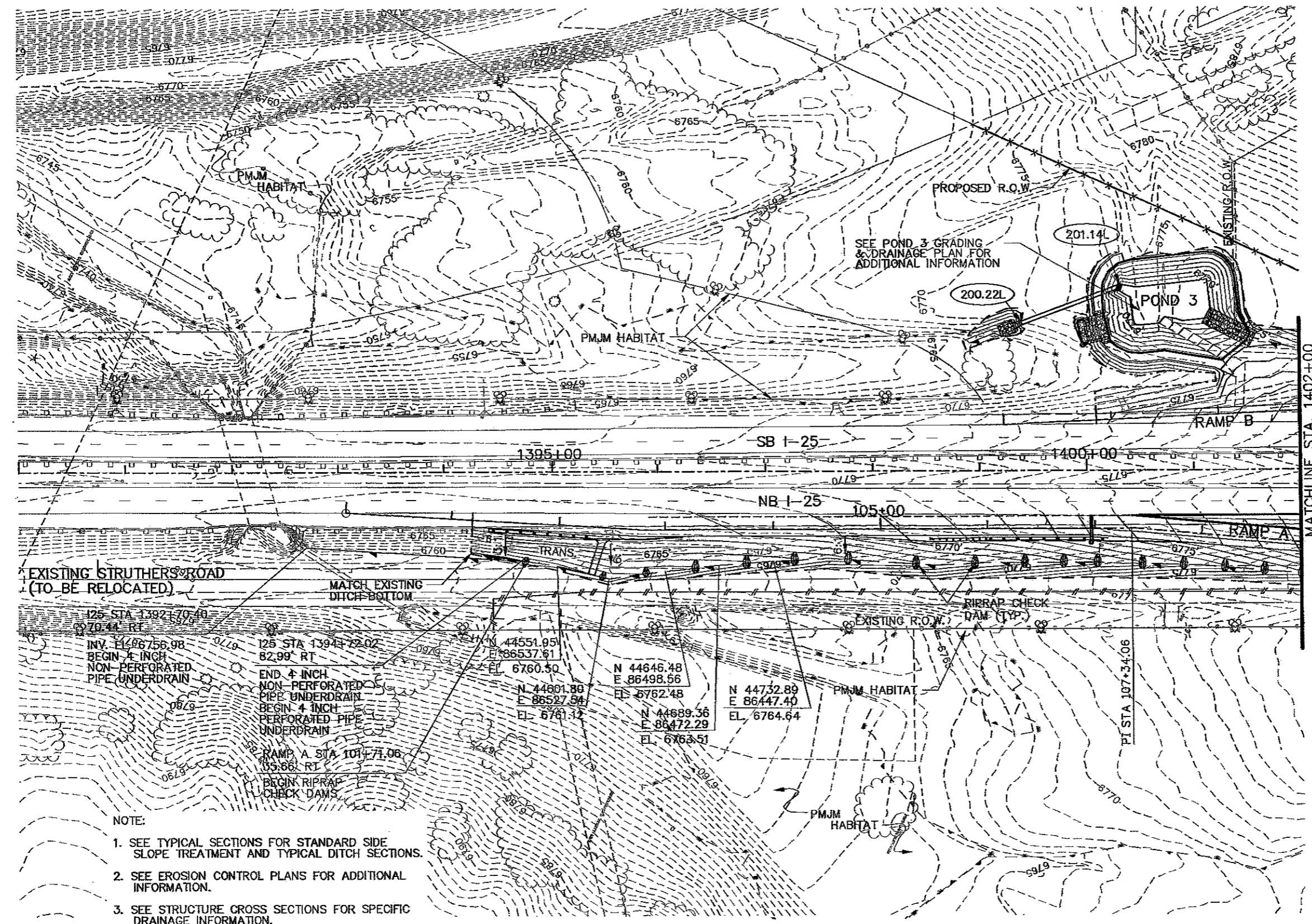
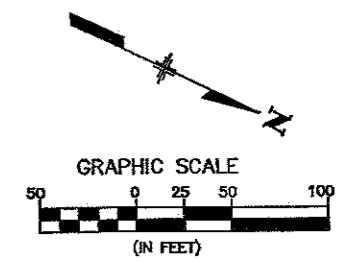
4601 DTC Blvd.
Suite 700
Denver, CO 80237
Phone: (303) 221-7275
Fax: (303) 221-7276

REGION 2 JFF

As Constructed	
No Revisions:	GMH 7-31-10
Revised:	
Void:	

RAMPS C & D GORE DETAILS			
Designer:	NMA	Structure:	
Detailer:	NMA	Numbers:	
Sheet Subset:	Roadway		

Project No./Code	
	IM 252-341
	13388
Sheet Number	132



EXISTING STRUTHERS ROAD
(TO BE RELOCATED)

125 STA 13921.70+00
70.41 RT
INV. EL. 66756.98
BEGIN 4 INCH
NON-PERFORATED
PIPE UNDERDRAIN

125 STA 13941.72+00
82.99 RT
END 4 INCH
NON-PERFORATED
PIPE UNDERDRAIN
BEGIN 4 INCH
PERFORATED PIPE
UNDERDRAIN

RAMP A STA 1014.71+00
05.66 RT
BEGIN RIPRAP
CHECK DAMS

N 44551.95
E 86537.61
EL. 6760.50
N 44601.80
E 86527.94
EL. 6761.12

N 44646.48
E 86498.56
EL. 6762.48
N 44689.36
E 86472.29
EL. 6763.51

N 44732.89
E 86447.40
EL. 6764.64

PI STA 107+34.06


NOTE:

1. SEE TYPICAL SECTIONS FOR STANDARD SIDE SLOPE TREATMENT AND TYPICAL DITCH SECTIONS.
2. SEE EROSION CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. SEE STRUCTURE CROSS SECTIONS FOR SPECIFIC DRAINAGE INFORMATION.

Computer File Information	
Creation Date:	11/17/05 Initials: NMA
Last Modification Date:	04/08/06 Initials: NMA
Full Path:	S:\Tranproj\246091-00\HwyDes\Plans\
Drawing File Name:	grpl09.dgn
Scale:	Graphic Units: English


Sheet Revisions	

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Denver, CO 80237
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Fax: (303) 221-7276

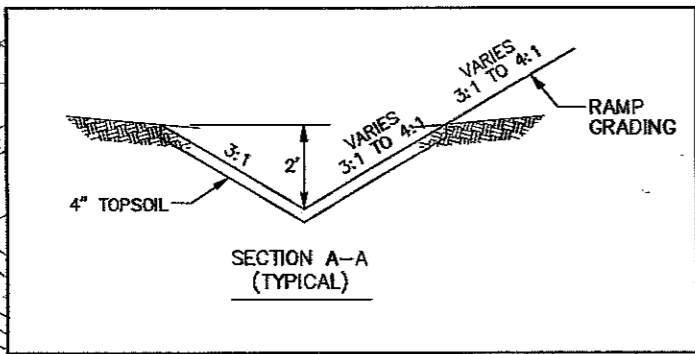


REGION 2 JFF

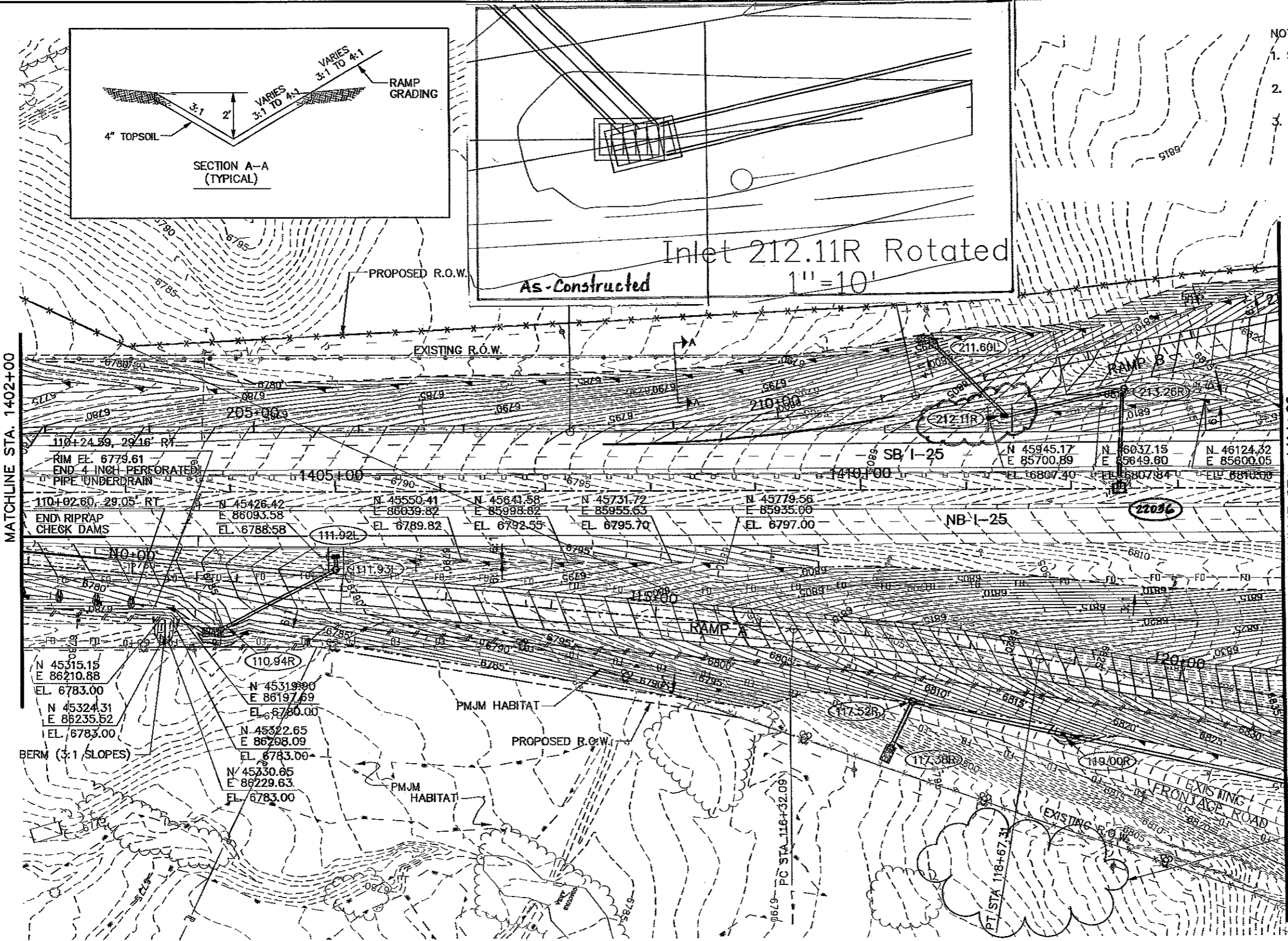
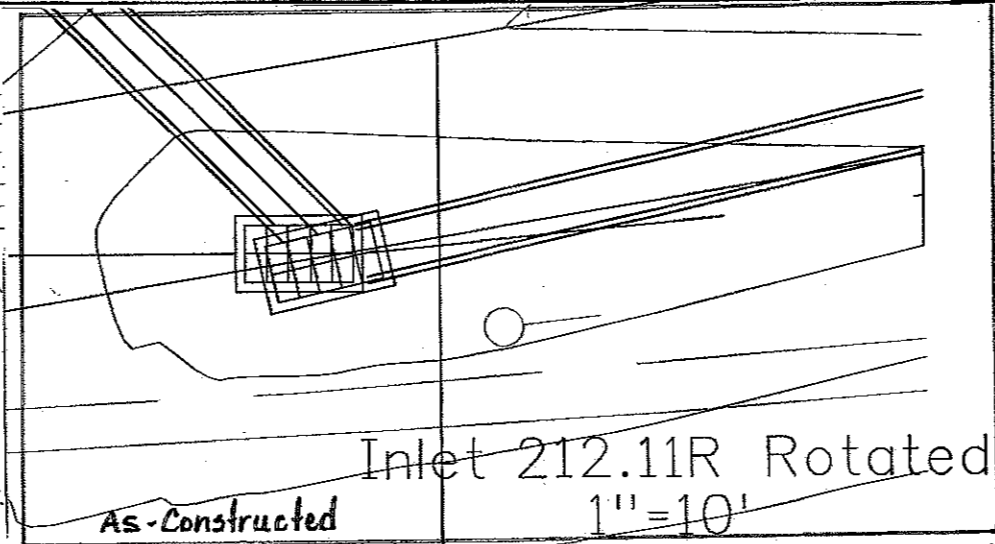
As Constructed
No Revisions: <i>GMM B-4-10</i>
Revised:
Void:

RAMP A AND B GRADING & DRAINAGE PLANS		
Designer:	NMA	Structure Numbers
Detailer:	NMA	
Sheet Subset:	G&D	GD12 of 36

Project No./Code
IM 252-341
13388
Sheet Number 154



- NOTE:
1. SEE TYPICAL SECTIONS FOR STANDARD SIDE SLOPE TREATMENT AND TYPICAL DITCH SECTIONS.
 2. SEE EROSION CONTROL PLANS FOR ADDITIONAL INFORMATION.
 3. SEE STRUCTURE CROSS SECTIONS FOR SPECIFIC DRAINAGE INFORMATION.



As-Built Data:

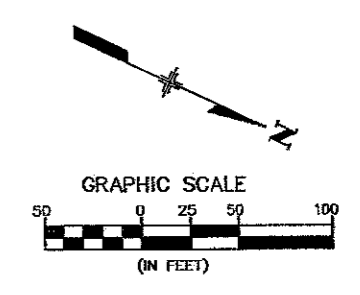
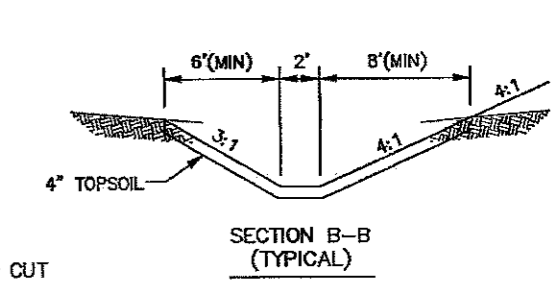
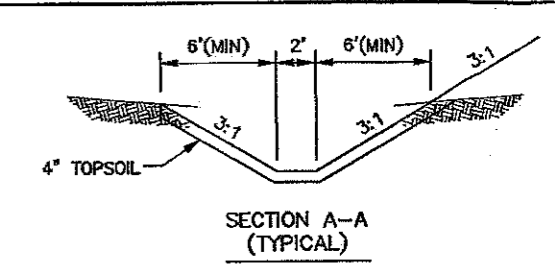
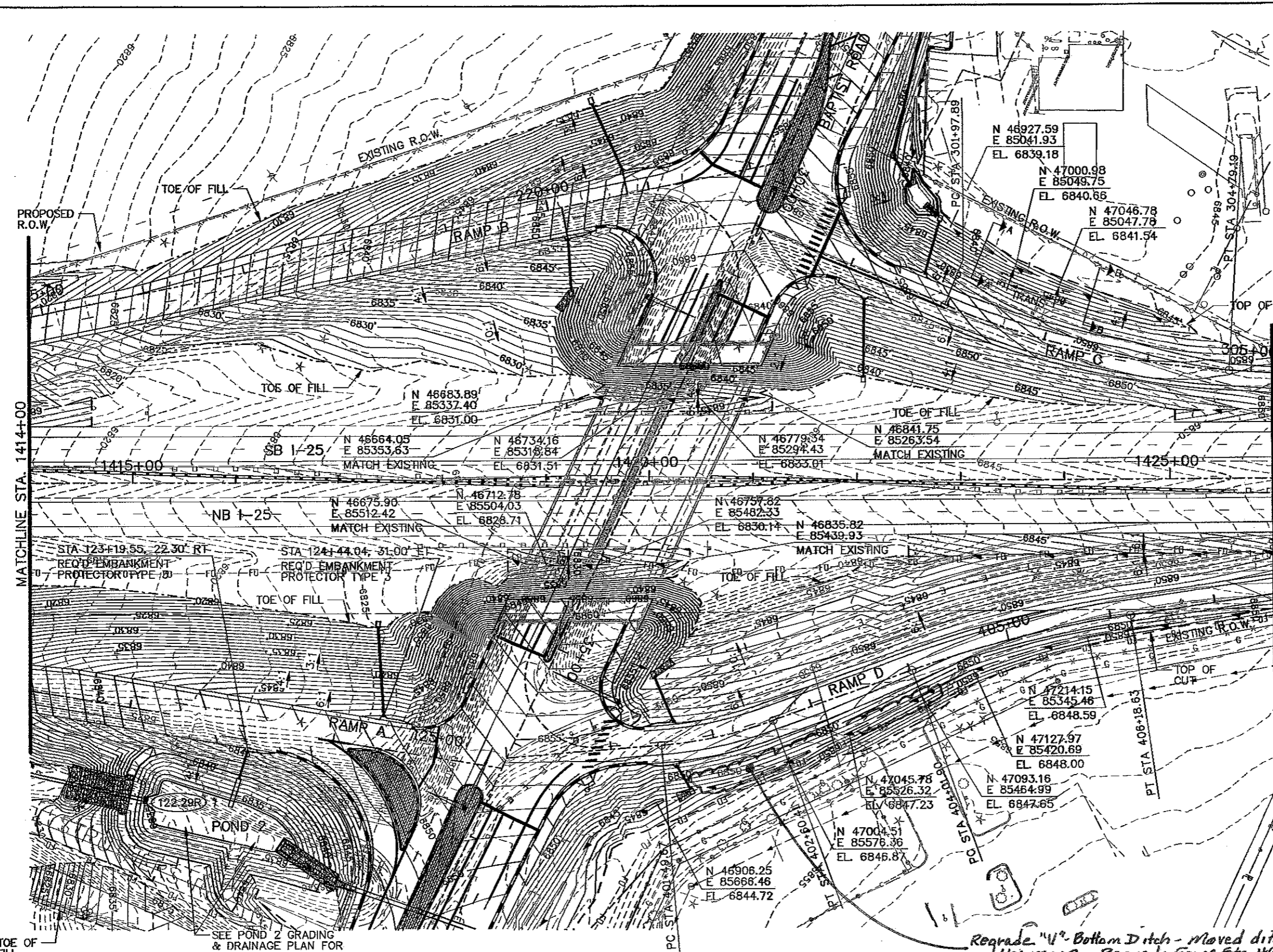
MH 213.26 ELE. RIM: 6810.97
ELE. INV.: 6796.88

22036 N: 46084.19 (24" RCPEL)
E: 85710.09
ELE. RIM: 6810.13
ELE. INV.: 6806.63

Note: An existing Type C inlet box (220) was connected under this contract to MH 213.26 E.

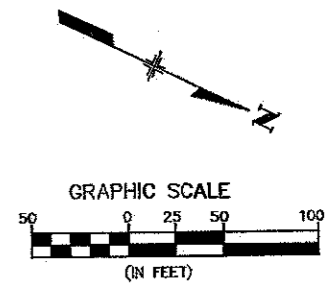
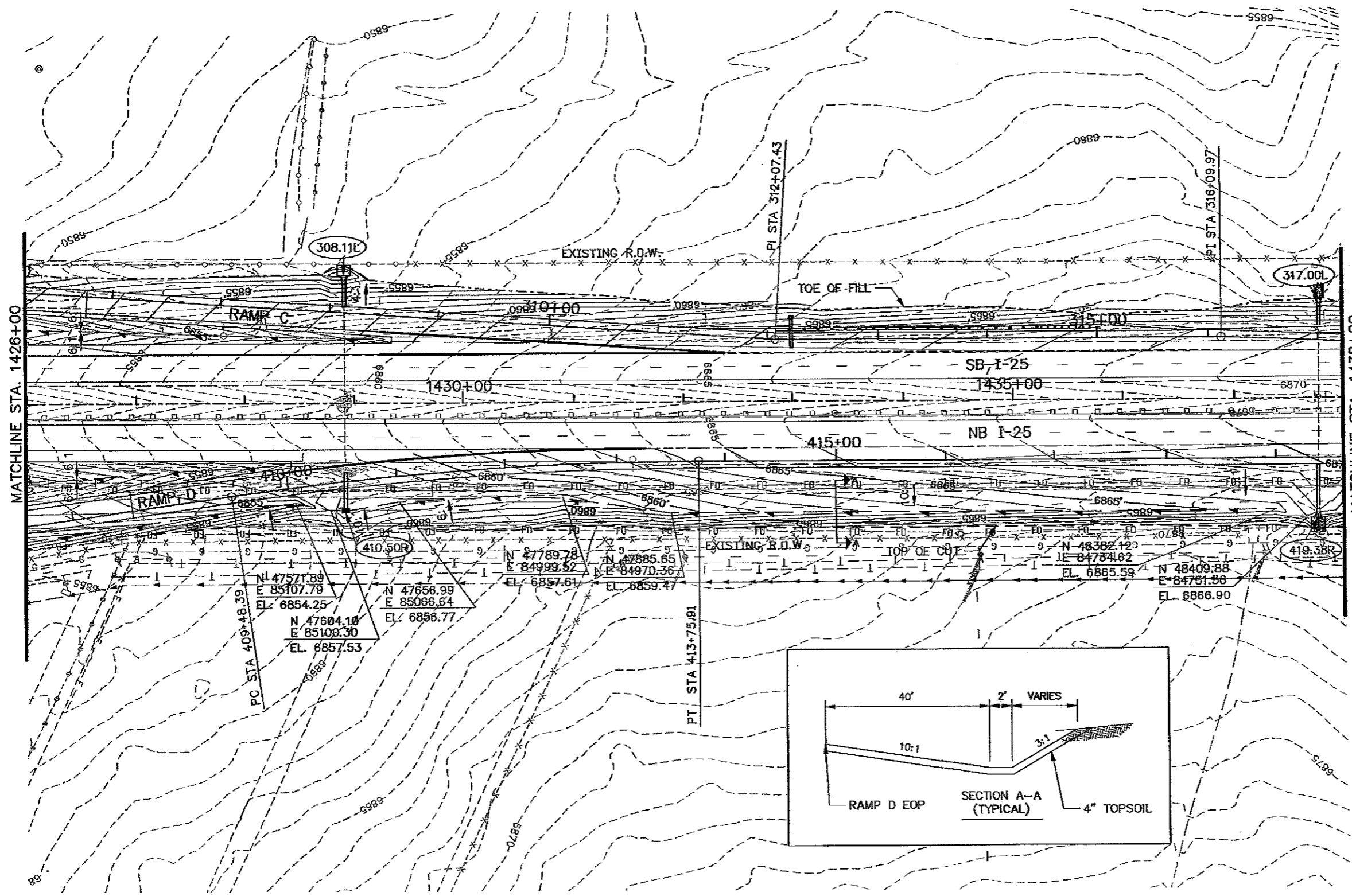
EXISTING SILT PLUME - CONTACT CDOT ENVIRONMENTALIST FOR REMOVAL WORK WILL BE MEASURED AND PAID FOR UNDER THE APPLICABLE BID ITEMS ON THE BID SCHEDULE.


Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		RAMP A AND B GRADING & DRAINAGE PLANS		Project No./Code	
Creation Date:	11/17/05 Initials: NMA	<input type="checkbox"/>	8-10-10 Inlet 212.11R Rotated Gmt	1480 Quail Lake Loop Suite A Colorado Springs, CO 80906 Phone: (719) 634-2323 Fax: (719) 221-3298 4601 DTC Blvd Suite 700 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276		No Revisions:		Designer: NMA		IM 252-341	
Last Modification Date:	05/11/06 Initials: NMA	<input type="checkbox"/>				Revised: Gmt 8-10-10		Detailer: JEG		Structure Numbers: 13388	
Full Path:	S:\Tranproj\246091-00\HwyDes\Plans\	<input type="checkbox"/>		REGION 2 JFF		Void:		Sheet Subset: G&D		Sheet Number: 155	
Drawing File Name:	grp110.dgn	<input type="checkbox"/>						GD13 of 36			
Scale: Graphic	Units: English	<input type="checkbox"/>									

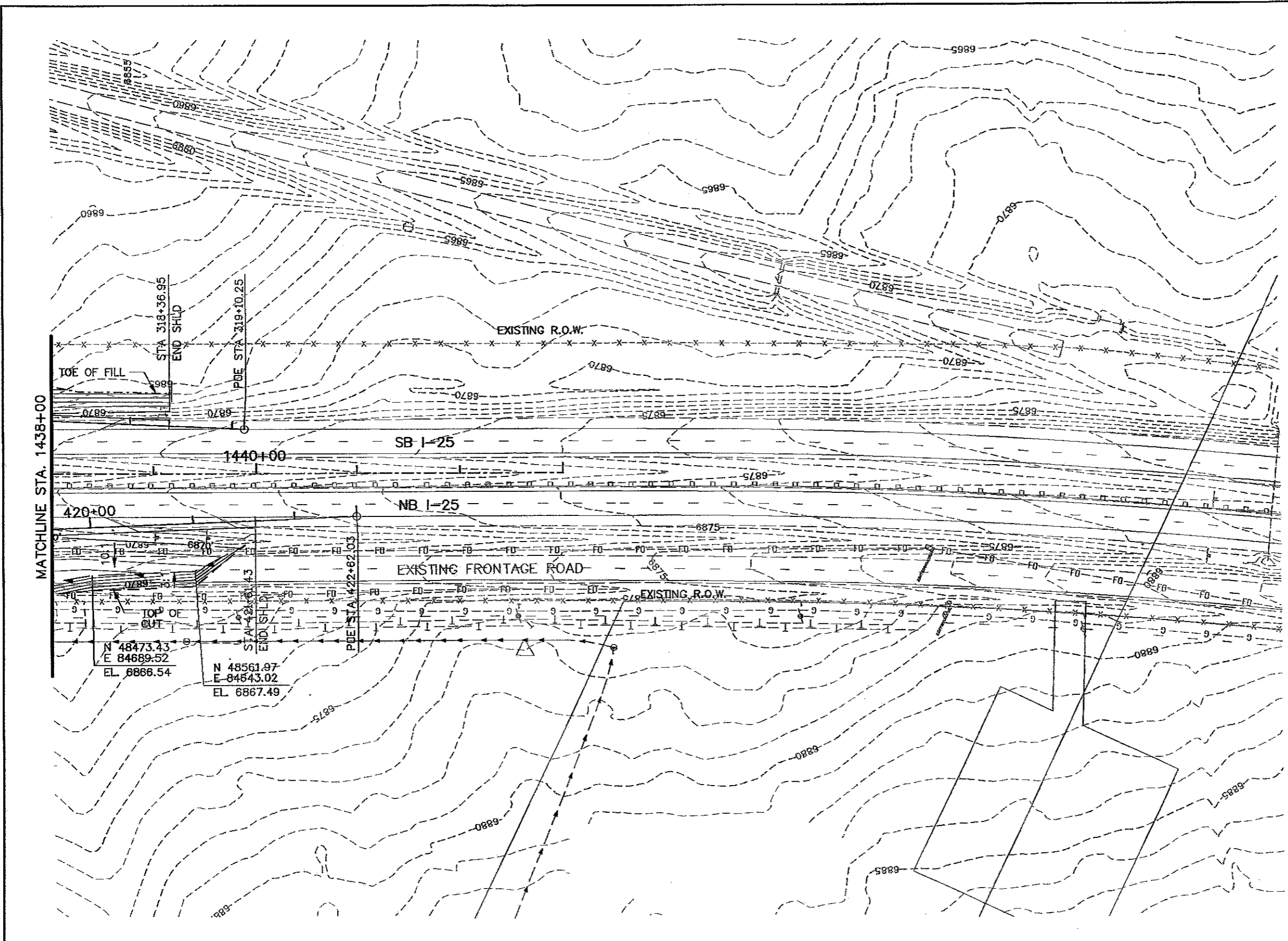
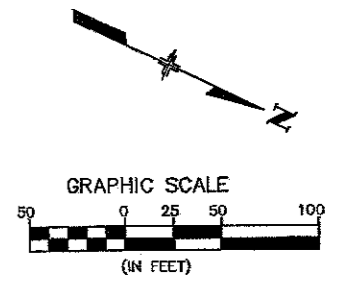
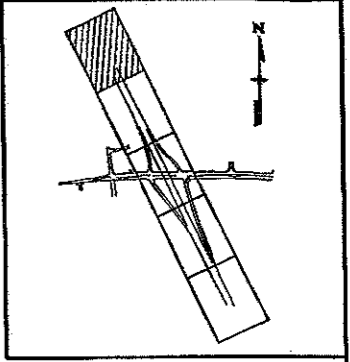




Regrade "V" Bottom Ditch - Moved ditch 2'-3" toward the ramp - Regrade from Sta. 401+50.00 to 404+50.00.

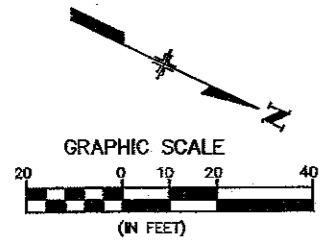
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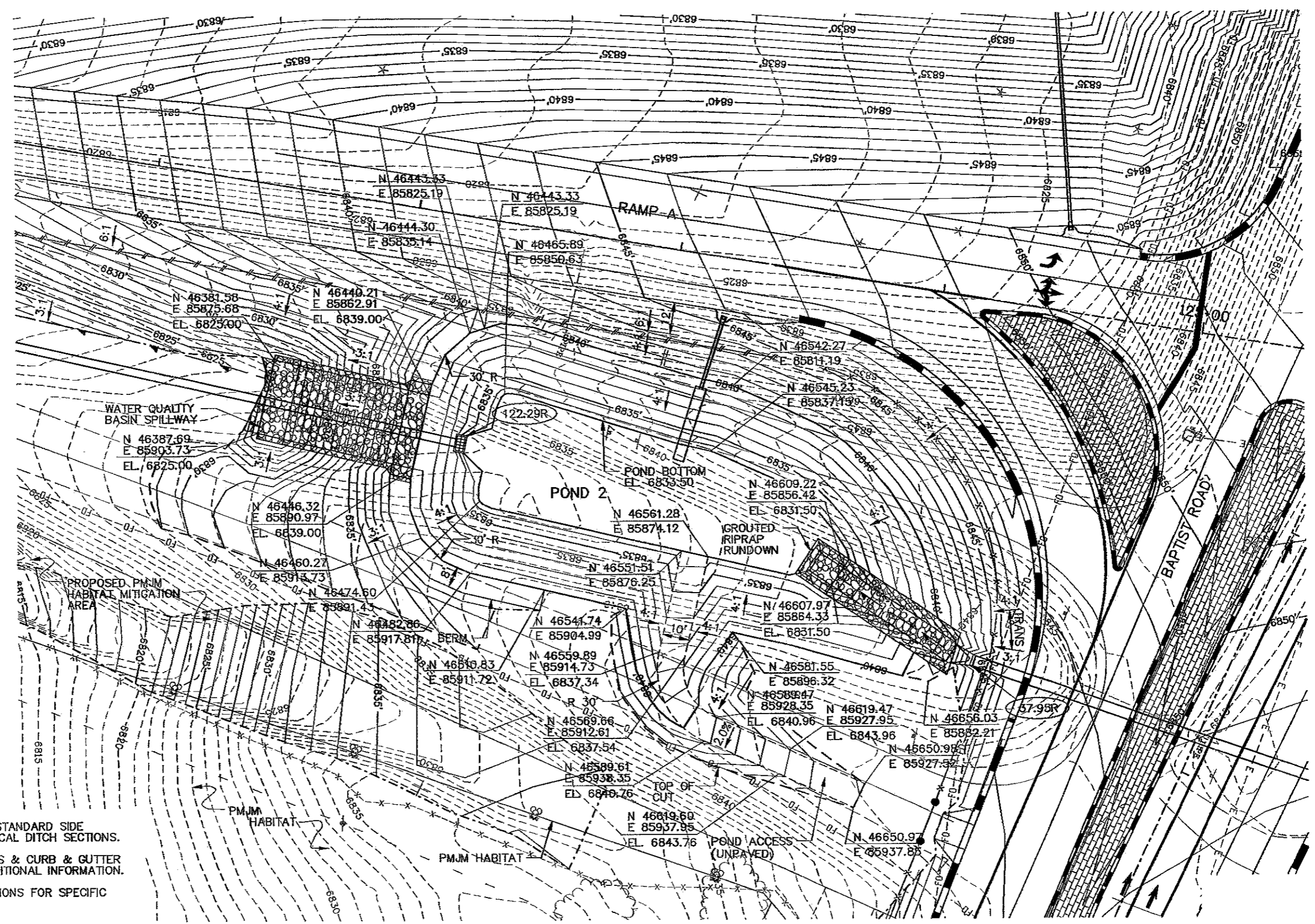
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		4501 DTC Blvd. Suite 700 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276 PBSJ				GD15 of 36													



Computer File Information Creation Date: 11/18/05 Initials: NMA Last Modification Date: 05/11/06 Initials: NMA Full Path: S:\Tranproj\246091-00\HwyDes\Plans\ Drawing File Name: grp113.dgn Scale: Graphic Units: English		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, CO 80906 Phone: (719) 634-2323 Fax: (719) 227-3298  4601 DTC Blvd Suite 700 Denver, CO 80237 Phone: (303) 721-7275 Fax: (303) 721-7276 REGION 2 JFF		As Constructed No Revisions: <i>GMH 8-4-10</i> Revised: Void:		RAMP C AND D GRADING & DRAINAGE PLANS Designer: NMA Detailer: JAG Sheet Subset: G&D		Project No./Code IM 252-341 13388 Sheet Number 158	
						Structure Numbers GD16 of 36														



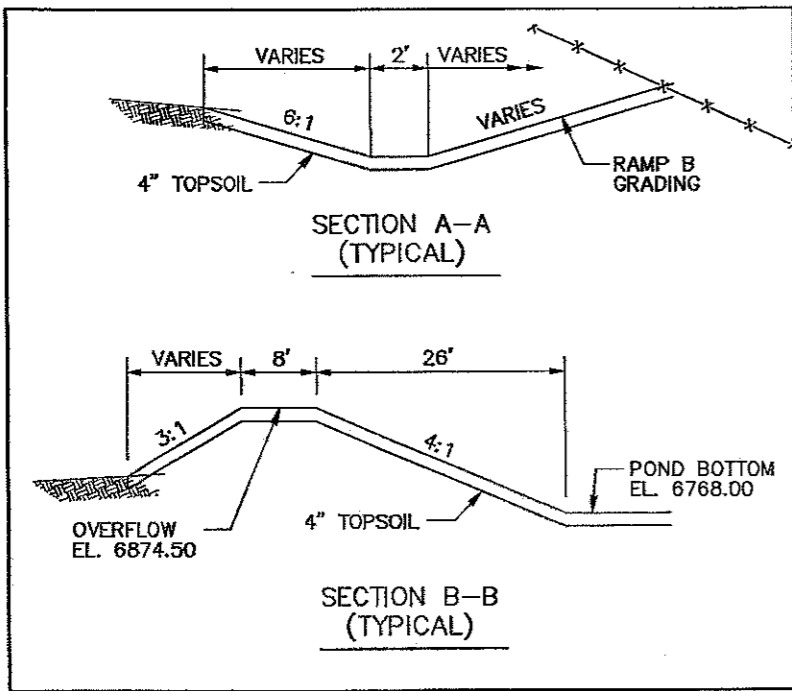
POND 2
 REQ'D 0.56 ACRE-FT (WQ)
 OVERFLOW EL = 6840.00
 BOTTOM EL = 6833.50



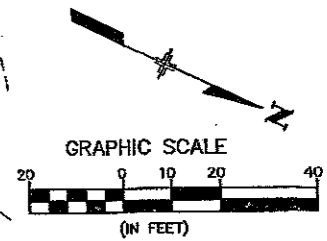
NOTE:

1. SEE TYPICAL SECTIONS FOR STANDARD SIDE SLOPE TREATMENT AND TYPICAL DITCH SECTIONS.
2. SEE EROSION CONTROL PLANS & CURB & GUTTER PLANS & PROFILES FOR ADDITIONAL INFORMATION.
3. SEE STRUCTURE CROSS SECTIONS FOR SPECIFIC DRAINAGE INFORMATION.

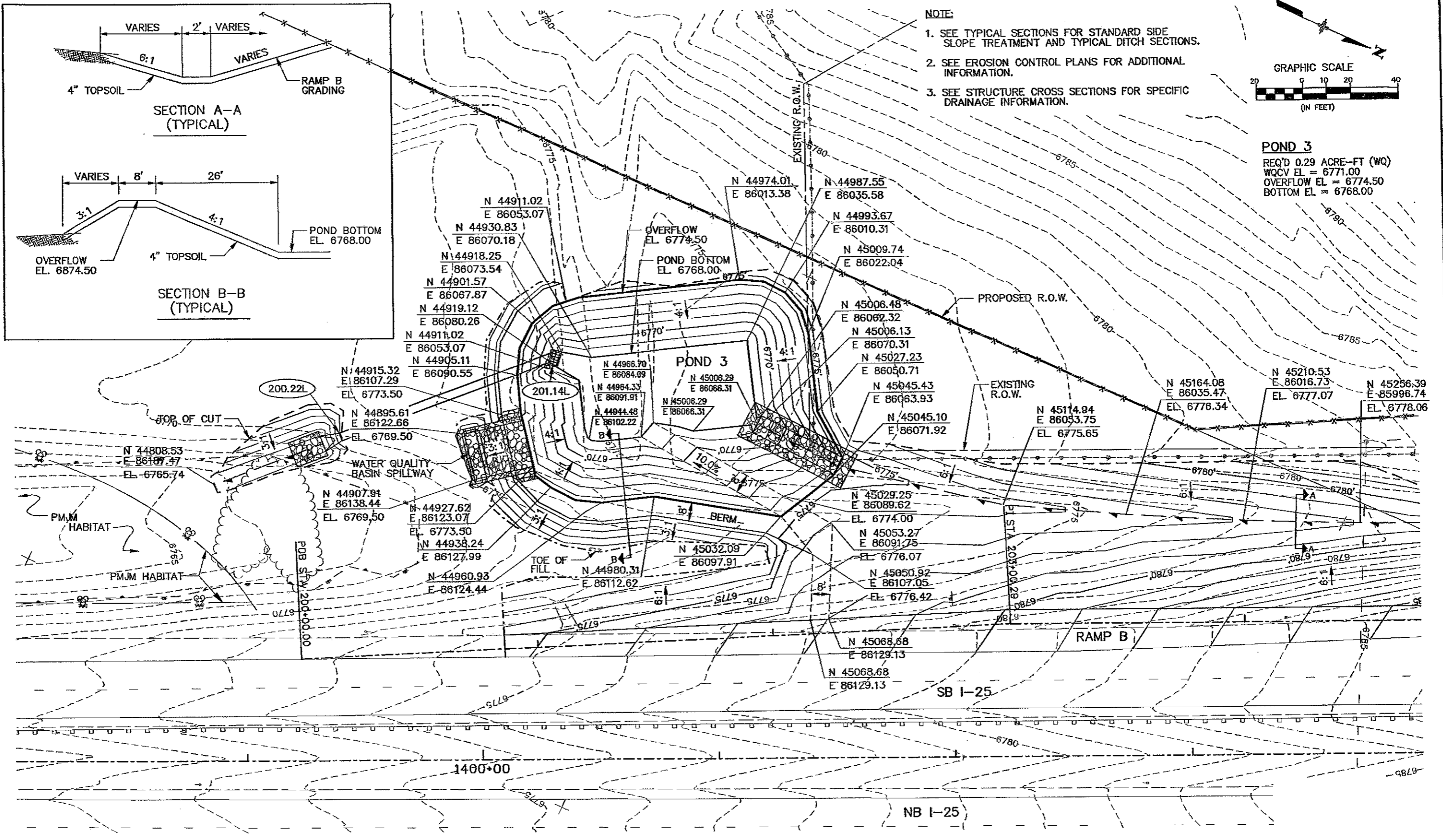
Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		POND 2 GRADING & DRAINAGE PLAN		Project No./Code			
Creation Date:	04/06/06 Initials: NMA			1480 Quail Lake Loop Suite A Colorado Springs, CO 80906 Phone: (719) 634-2323 Fax: (719) 227-3298 REGION 2		4601 DTC Blvd. Suite 700 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276		No Revisions: <i>EMM 8-4-10</i> Revised: Void:		Designer: Detailer: Sheet Subset: G&D		IM 252-341 13388 Sheet Number 159	
Last Modification Date:	05/11/06 Initials: NMA												
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Drawing File Name:	grpl14.dgn												
Scale: English Units: Graphic				JFF REGION 2		GD17 of 36							



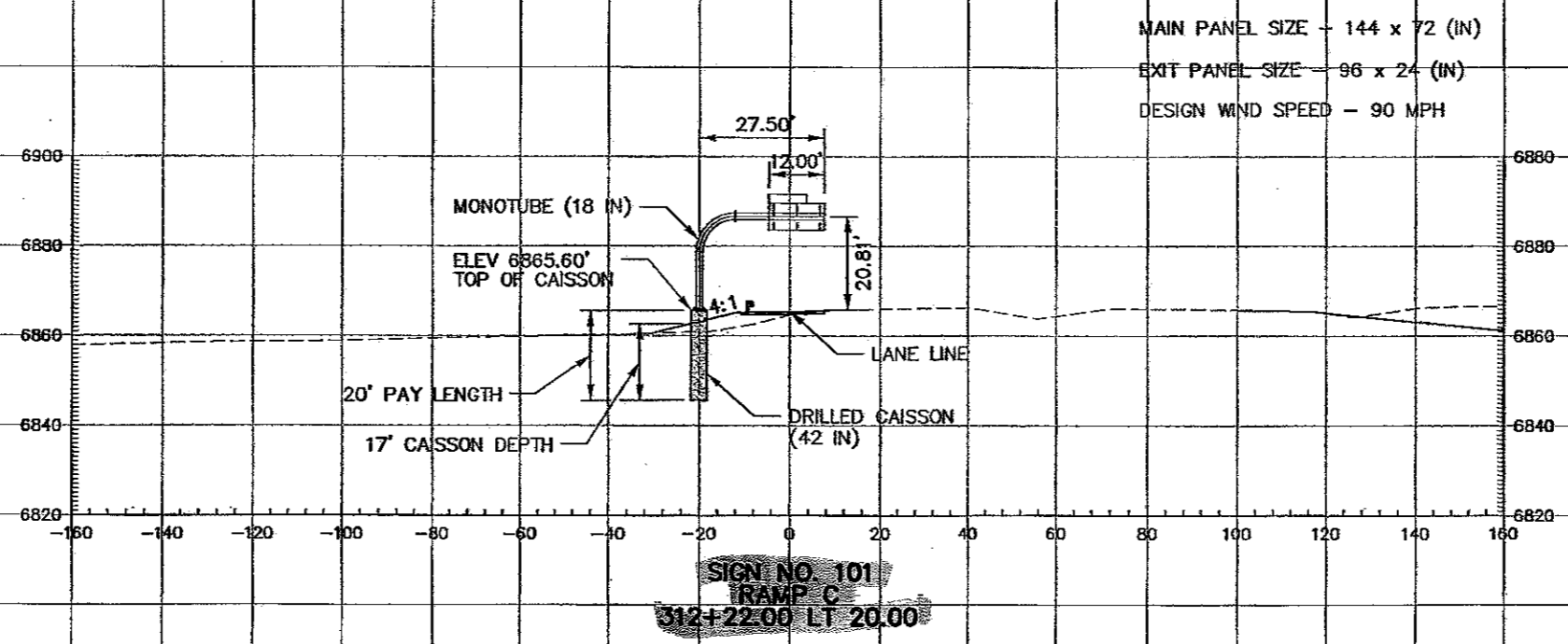
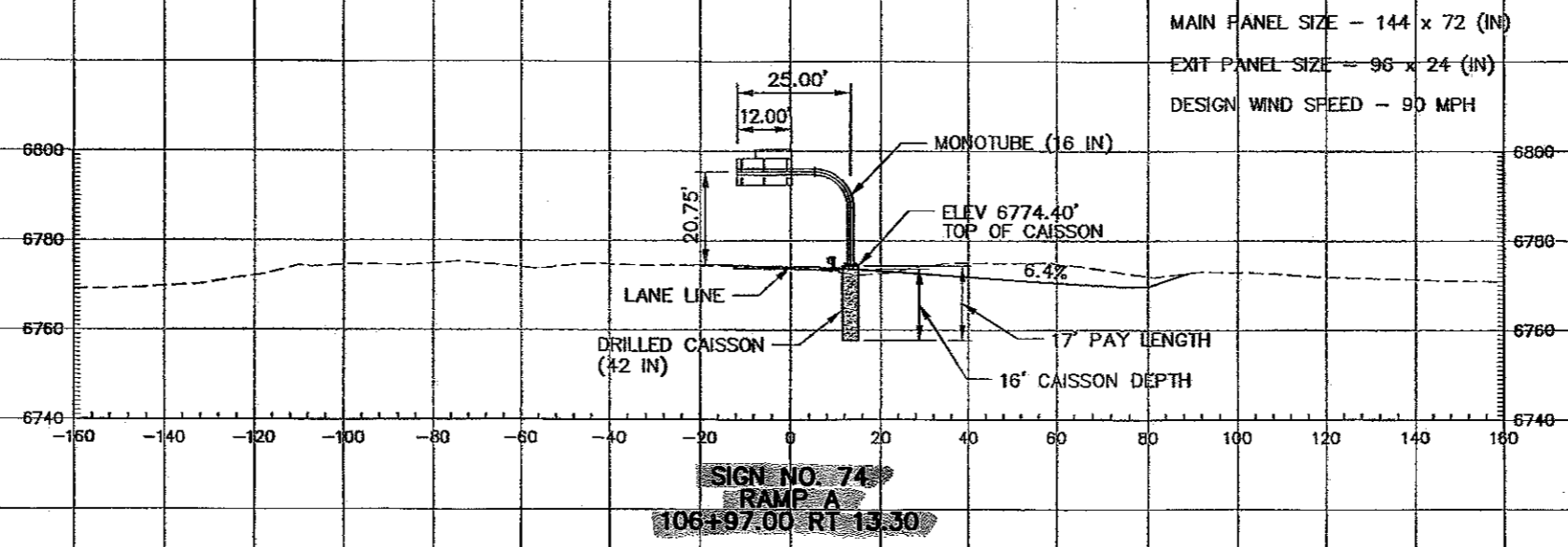
- NOTE:
1. SEE TYPICAL SECTIONS FOR STANDARD SIDE SLOPE TREATMENT AND TYPICAL DITCH SECTIONS.
 2. SEE EROSION CONTROL PLANS FOR ADDITIONAL INFORMATION.
 3. SEE STRUCTURE CROSS SECTIONS FOR SPECIFIC DRAINAGE INFORMATION.



POND 3
 REQ'D 0.29 ACRE-FT (WQ)
 WQCV EL = 6771.00
 OVERFLOW EL = 6774.50
 BOTTOM EL = 6768.00



Computer File Information Creation Date: 04/08/06 Initials: NMA Last Modification Date: 05/11/06 Initials: NMA Full Path: S:\Tranpro\246091-00\HwyDes\Plans\ Drawing File Name: grp115.dgn Scale: Graphic Units: English		Sheet Revisions <table border="1"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>										Colorado Department of Transportation 1480 Dahl Lake Loop, Suite A, Colorado Springs, CO 80906 Phone: (719) 534-2323 Fax: (719) 221-3296 4601 DTC Blvd, Suite 700, Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276 REGION 2 JFF		As Constructed No Revisions: <i>GMU 8-4-10</i> Revised: Void:		POND 3 GRADING & DRAINAGE PLAN Designer: NMA Structure Numbers Detailer: NMA Sheet Subset: G&D		Project No./Code IM 252-341 13388 Sheet Number 160	
						Sheet Number 160		GD18 of 36											



Computer File Information	
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Units:	English

Sheet Revisions	

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Denver, CO 80237
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Fax: (303) 221-7276

PBSJ




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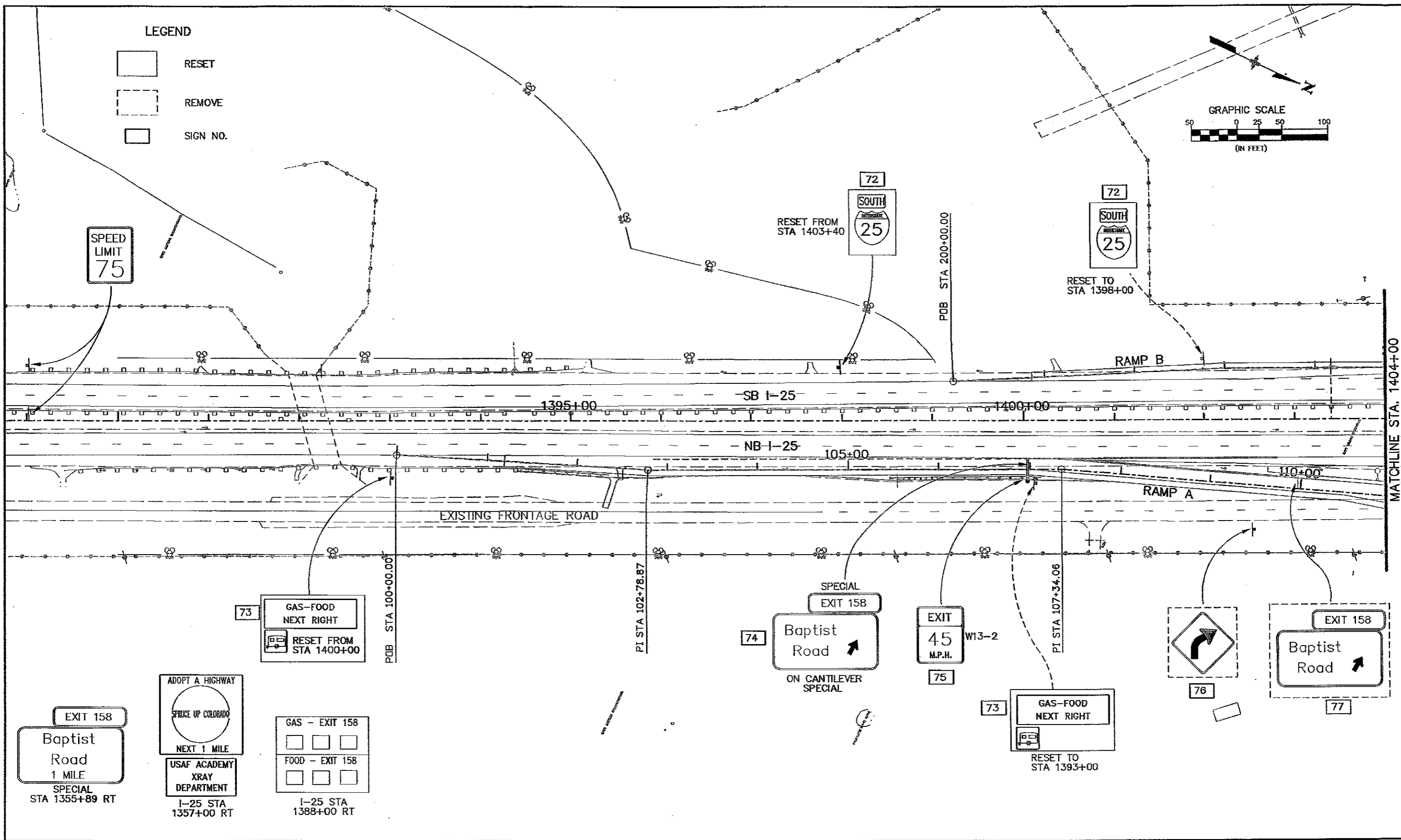
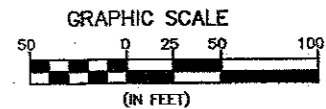
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Revised:	
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CANTILEVER SIGN CROSS SECTIONS			
Designer:	NMA	Structure Numbers	
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Sheet Subset:	Signing		
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Project No./Code	
	IM 252-341
	13388
Sheet Number	203

LEGEND

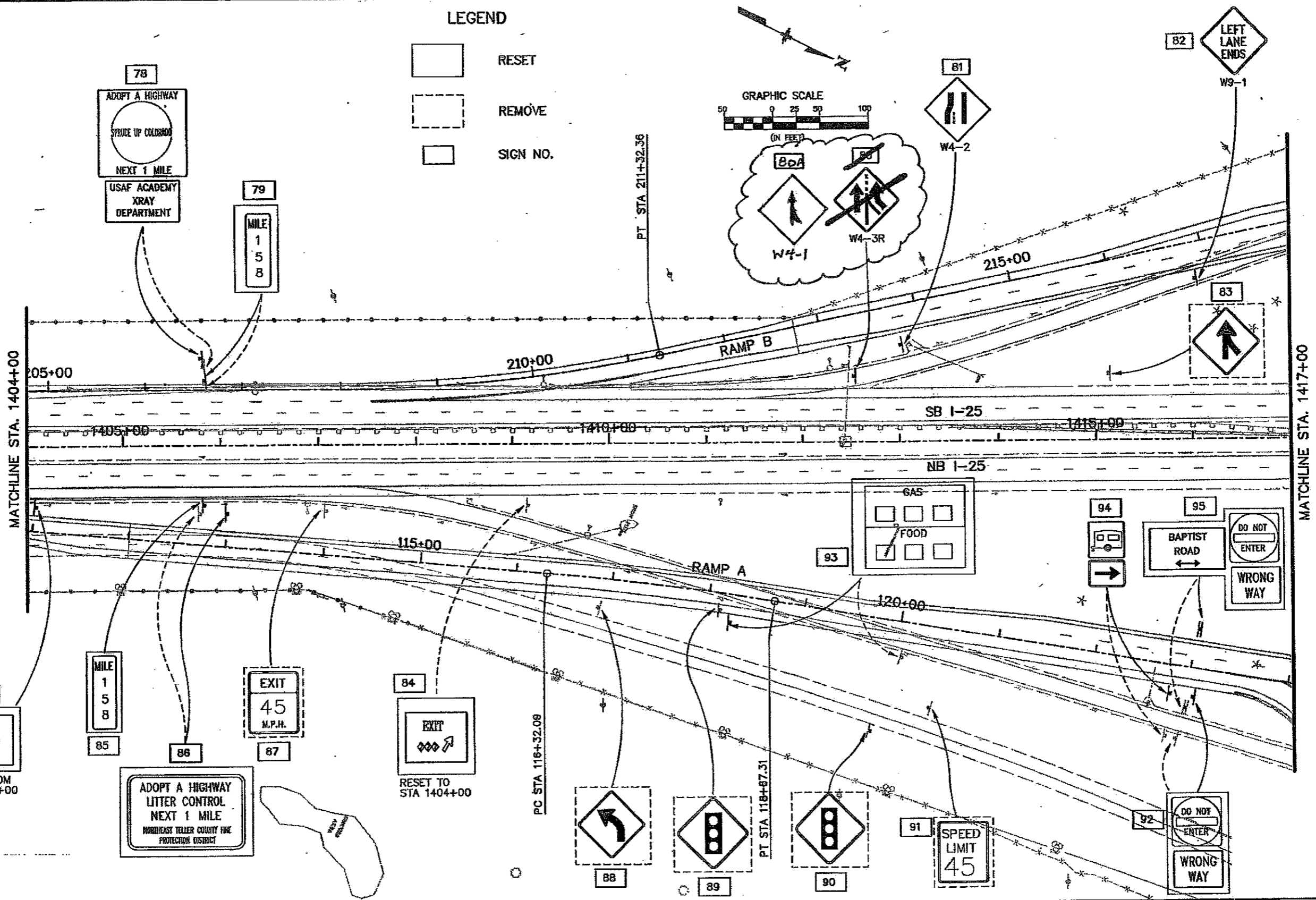
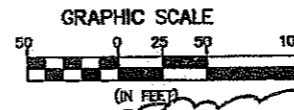
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- RESET
- REMOVE
- SIGN NO.



Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		RAMP A & B SIGNING PLAN		Project No./Code	
Creation Date:	12/18/05 Initials: NMA	(R-1)	11/11/09	PERM. SIGN MOD.	GMH	No Revisions:		IM 252-341		13388	
Last Modification Date:	07/25/06 Initials: NMA					Revised: GMH 9-9-10		Designer: RCP		Structure:	
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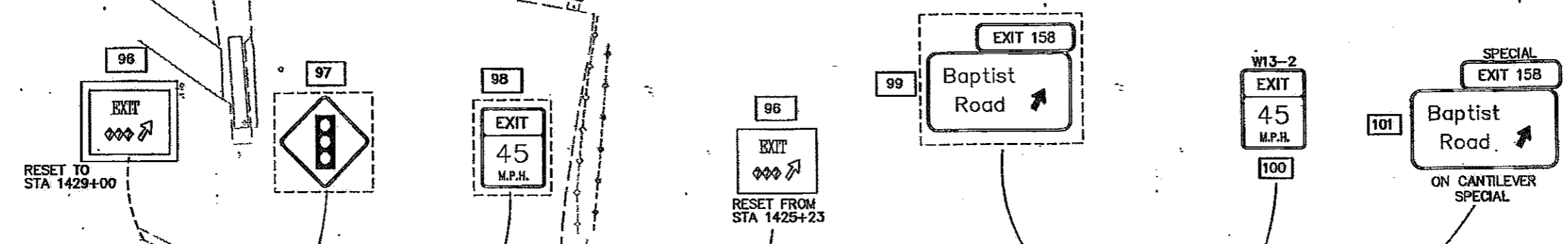
1450 Quail Lake Loop
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4801 DTC Blvd.
 Suite 700
 Denver, CO 80237
 Phone: (303) 221-7275
 Fax: (303) 221-7276



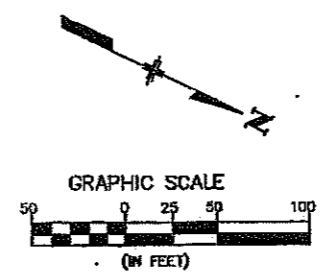
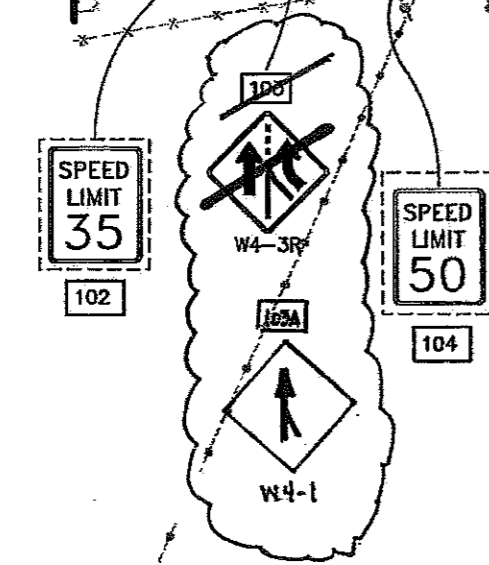
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- REMOVE
- SIGN NO.



MATCHLINE STA. 1425+00

MATCHLINE STA. 1437+00



Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		RAMP C & D SIGNING PLAN		Project No./Code	
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 Phone: (303) 221-7275
 Fax: (303) 221-7276



LEGEND

- RESET
- REMOVE
- SIGN NO.

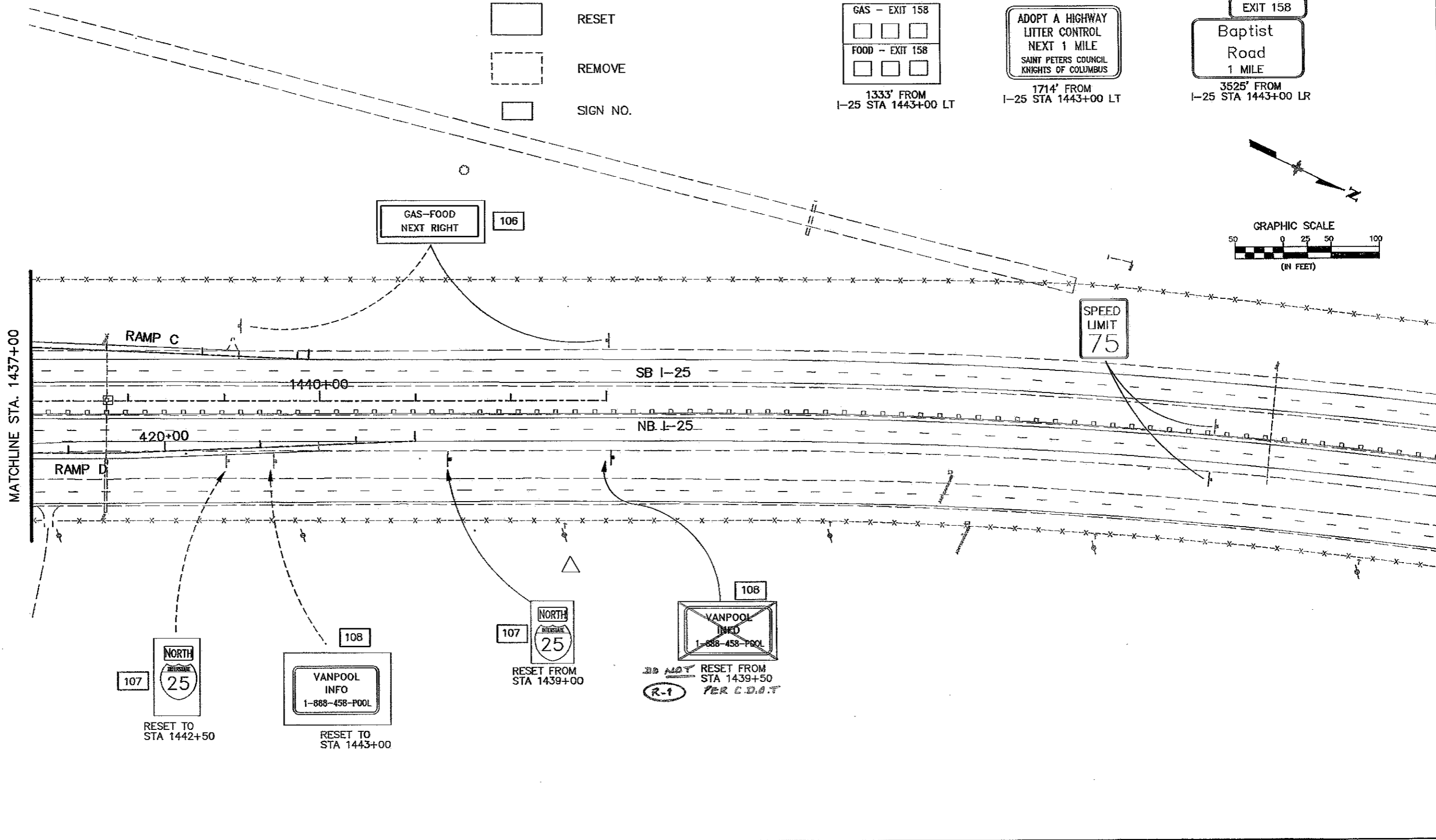
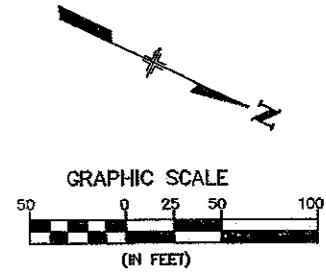
GAS - EXIT 158
FOOD - EXIT 158

1333' FROM
I-25 STA 1443+00 LT

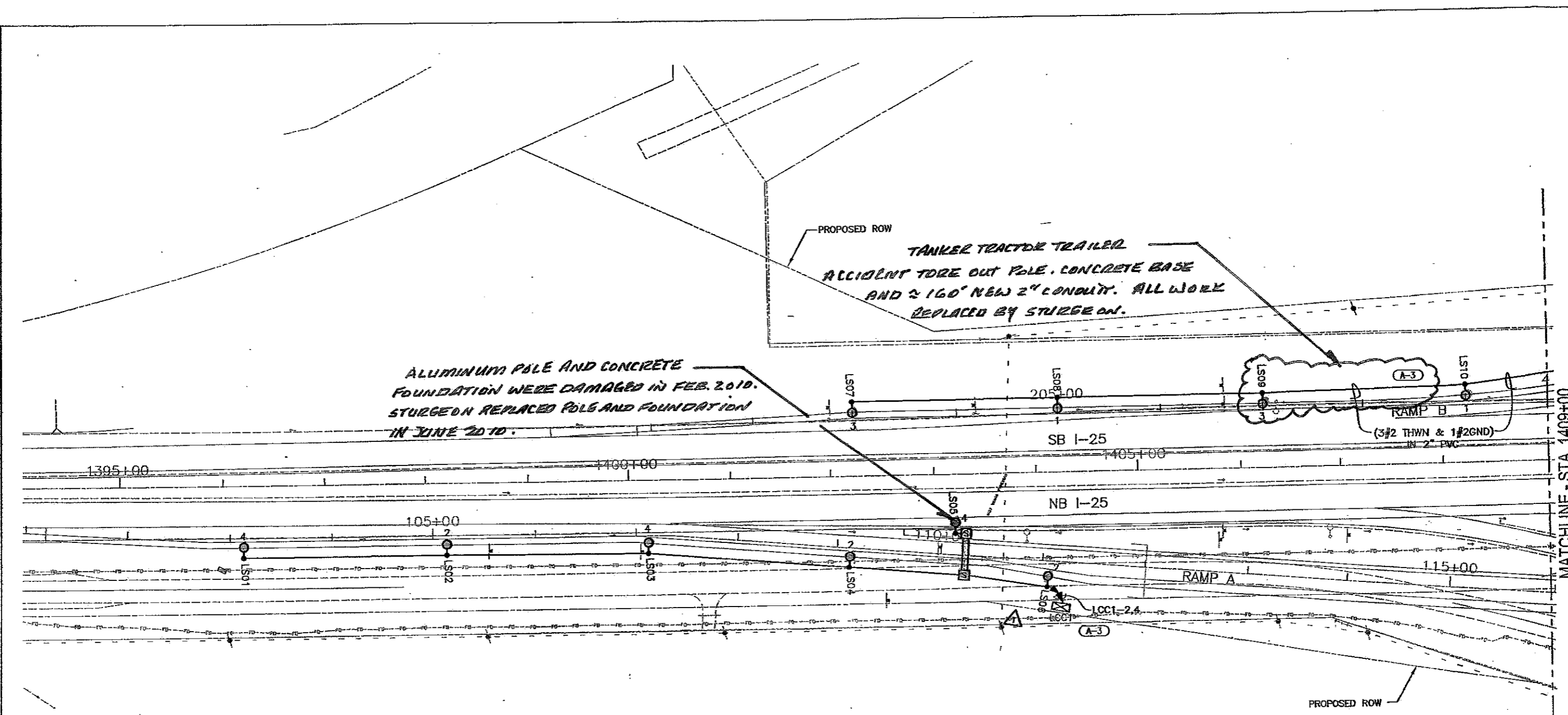
ADOPT A HIGHWAY
LITTER CONTROL
NEXT 1 MILE
SAINT PETERS COUNCIL
KNIGHTS OF COLUMBUS

1714' FROM
I-25 STA 1443+00 LT

EXIT 158
Baptist
Road
1 MILE
3525' FROM
I-25 STA 1443+00 LR

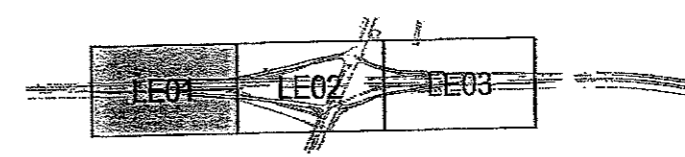
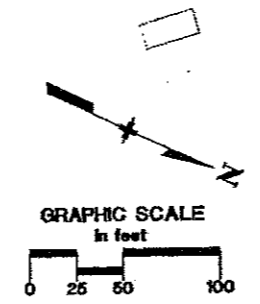


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Last Modification Date:	07/25/06 Initials: NMA				4601 DTC Blvd Suite 780 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276		Revised: GMM 8-10-10		13388			
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ELECTRICAL LEGEND

- NEW 250W MH FULL CUTOFF ROADWAY LUMINAIRE ON 35' LIGHT STANDARD.
- NEW 150W MH LUMINAIRE UNDER BRIDGE DECK. REFER TO BRIDGE DRAWINGS FOR EXACT LOCATION.
- |—|— 3" SCHEDULE 80 PVC SLEEVE TERMINATING IN SPLICE BOXES AT BOTH ENDS TO CROSS UNDER ROADWAY. DIRECTIONAL BORE UNDER ALL EXISTING ROADWAYS.
- ⊠ LIGHTING CONTROL CENTER WITH METER, DISCONNECT AND LIGHTING CONTROL. VERIFY EXACT LOCATION OF POINT OF SERVICE WITH UTILITY PRIOR TO ROUGH-IN.
- (3#4 THWN & 1#4 GND) IN 2" SCHEDULE 80 PVC UNLESS NOTED OTHERWISE ON PLANS. CONDUIT AND CONDUCTORS TO BE FURNISHED AND INSTALLED BY CONTRACTOR. NUMBER OF ARROWS INDICATES NUMBER OF CIRCUIT HOMERUNS.
- CONDUIT CONCEALED IN STRUCTURE. REFER TO BRIDGE DRAWINGS FOR TYPE, SIZE, QUANTITY, AND EXACT ROUTING. (3#8 THWN & 1#8 GND) IN 3/4" CONDUIT.
- △ APPROXIMATE LOCATION OF UTILITY PROVIDED POINT OF SERVICE.



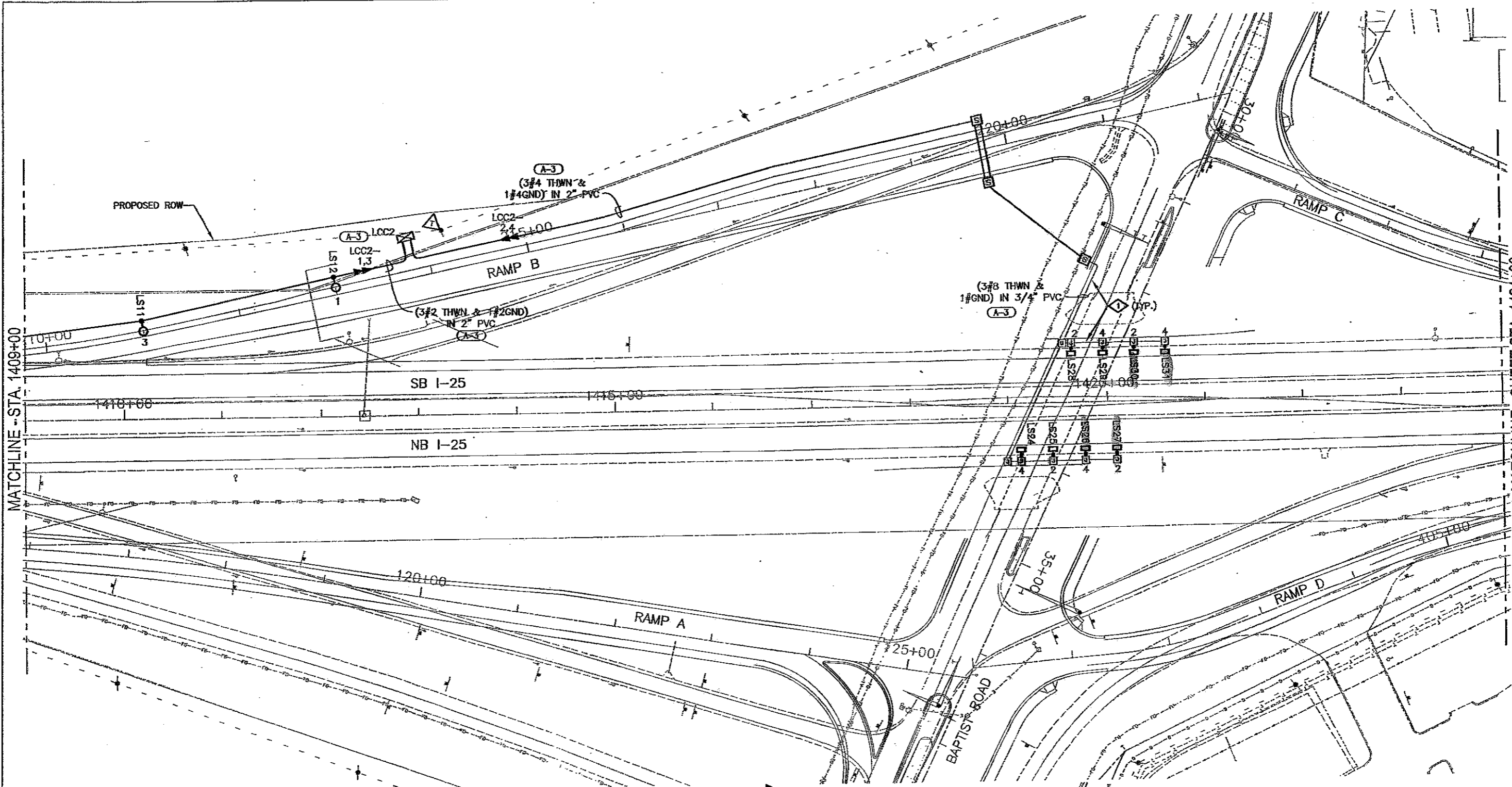
PROJECT KEY MAP
NOT TO SCALE

GEANTON & ASSOCIATES
LIGHTING DESIGN AND ENGINEERING
1499 HAYFIELD CLIFF DRIVE, SUITE 102
DENVER, CO 80202
303-520-7229

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		BAPTIST ROAD/I-25 INTERCHANGE LIGHTING PLAN		Project No./Code	
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Last Modification Date:	10-24-08	Initials:	JE	○				Revised:	GMH 8-11-10	Designer:	Structure Numbers
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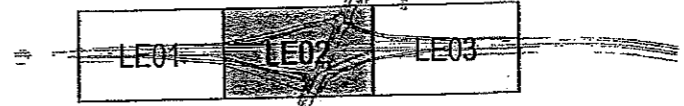
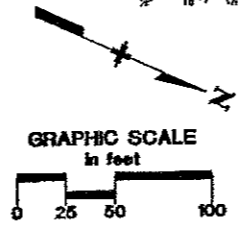
MATCHLINE - STA. 1409+00

MATCHLINE - SHEET STA. 1424+00



PLAN NOTES:

◊ CONDUIT CONCEALED IN STRUCTURE. REFER TO BRIDGE DRAWINGS FOR TYPE, SIZE, QUANTITY, AND EXACT ROUTING.



PROJECT KEY MAP
NOT TO SCALE



Computer File Information	
Creation Date:	03-20-06 Initials: GA
Last Modification Date:	10-24-08 Initials: JE
Full Path:	E:\Baptist Interchange\Current\
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Scale:	As Noted
Units:	English

Sheet Revisions		
(A-3)	10-24-08	REVISE CIRCUITING INFORMATION GA
○		
○		
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Colorado Department of Transportation

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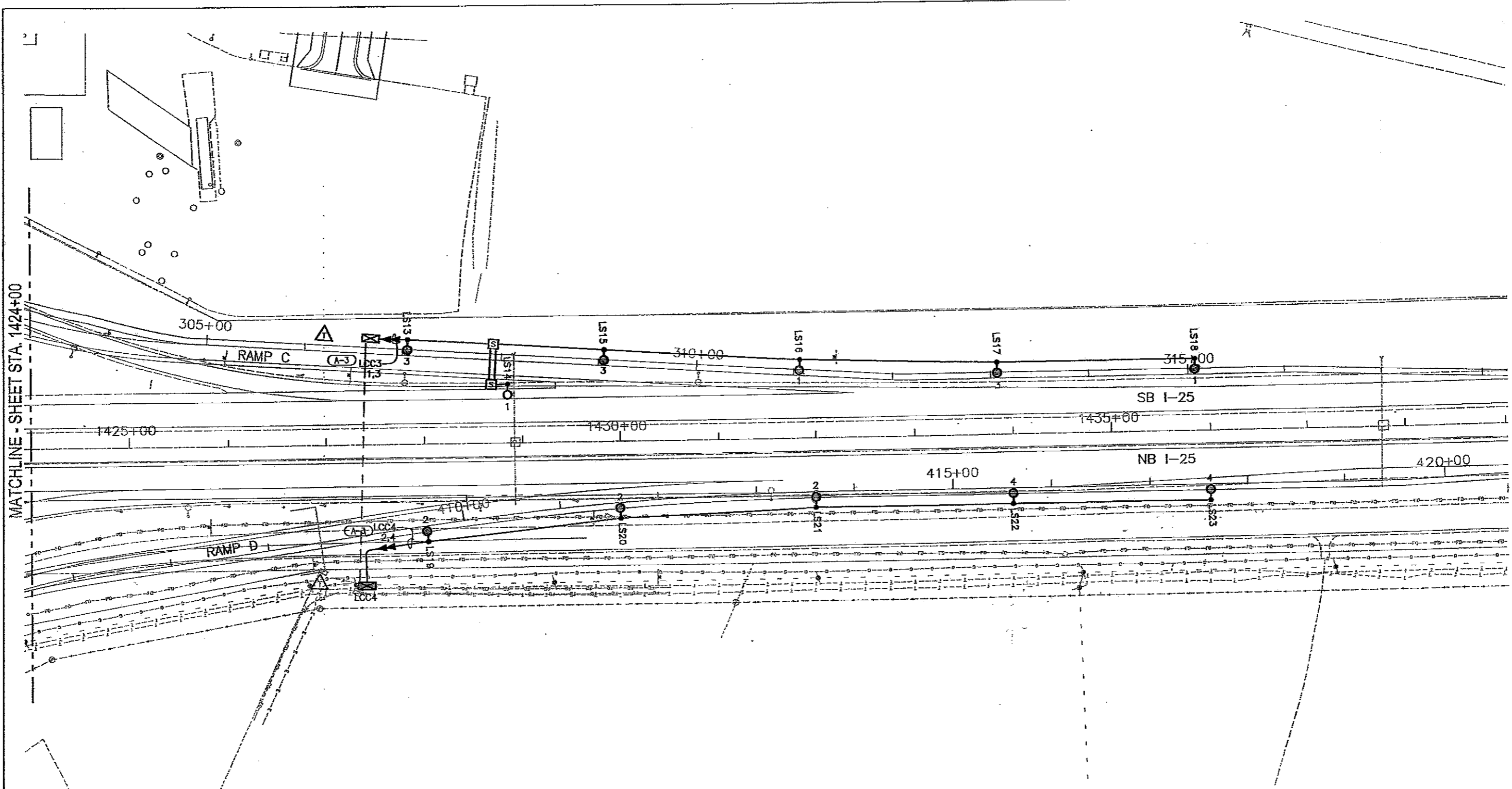
4601 DTC Blvd.
Suite 700
Denver, CO 80237
Phone: (303) 221-7275
Fax: (303) 221-7276

REGION 2 JFF

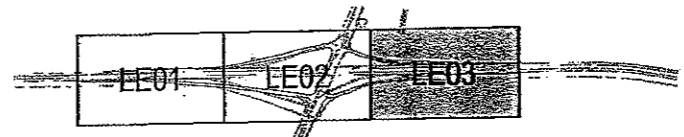
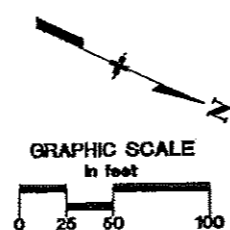
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BAPTIST ROAD/I-25 INTERCHANGE LIGHTING PLAN	
Designer:	Structure Numbers
Detailer:	
Sheet Subset: Lighting	LE2 of 6

Project No./Code
IM 252-341
13388
Sheet Number 265



MATCHLINE - SHEET STA. 1424+00



PROJECT KEY MAP
NOT TO SCALE

GILANTON & ASSOCIATES
LIGHTING DESIGN AND ENGINEERING
1499 HUNTER CREEK COURT SOUTH STE. 102
BOULDER, CO 80520
303-440-7229

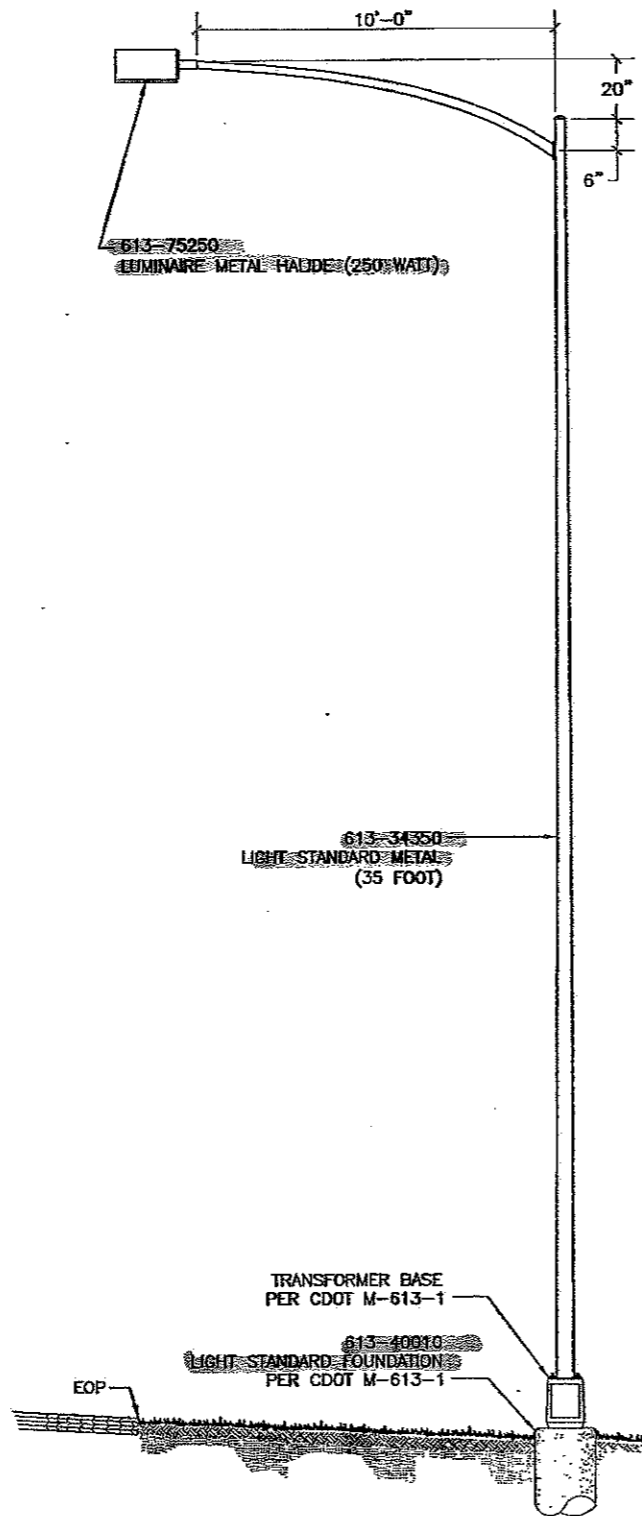
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REGION 2 JFF

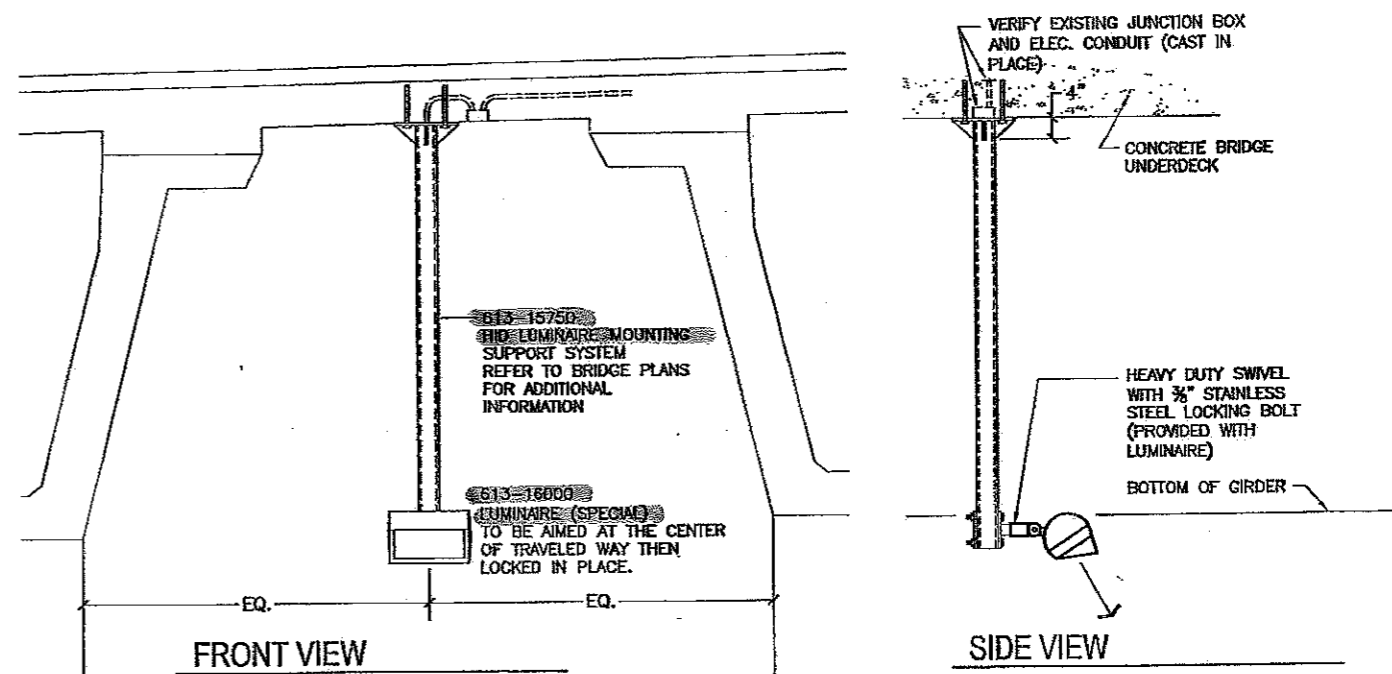
1480 Quail Lake Loop Suite A Colorado Springs, CO 80906 Phone: (719) 634-2323 Fax: (719) 227-3298

4601 DTC Blvd. Suite 700 Denver, CO 80237 Phone: (303) 221-7275 Fax: (303) 221-7276

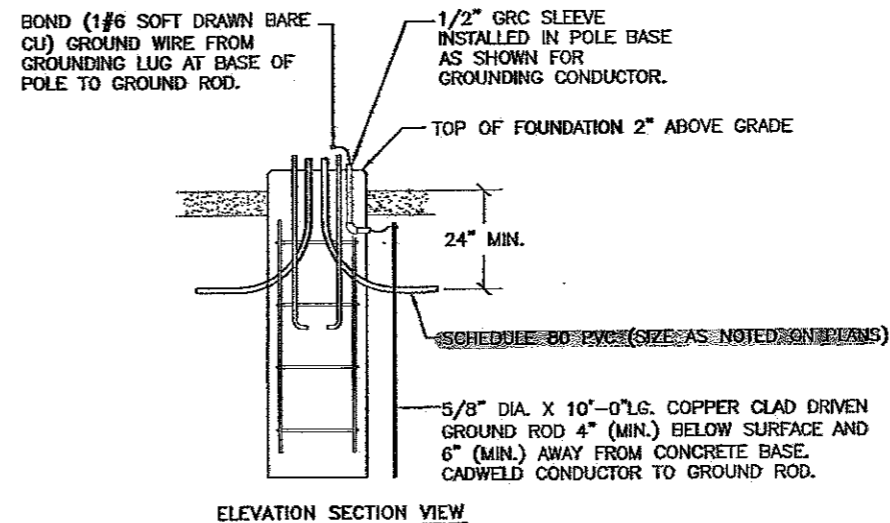




1 CONVENTIONAL ROADWAY LIGHTING ASSEMBLY
LE04 SCALE: N.T.S.



2 HID UNDERDECK LUMINAIRE @ BAPTIST ROAD BRIDGE
LE04 SCALE: N.T.S.
REFER TO SHEET B26 FOR ADDITIONAL INFORMATION.



- DETAIL NOTES:
1. LIGHT STANDARD FOUNDATION DIMENSIONS AND REINFORCEMENT PER CDOT M-613-1
 2. DIMENSION FOR ANCHOR BOLT SPACING BY POLE MANUFACTURER.
 3. CONTRACTOR SHALL INSTALL A FUSE AND WEATHERPROOF FUSEHOLDER AT EACH POLE BASE.
 4. FOUNDATION DETAILS ARE INCLUDED ONLY TO SHOW ELECTRICAL COMPONENTS.

3 DETAIL - LIGHT STANDARD FOUNDATION
LE04 SCALE: N.T.S.

COXTON & ASSOCIATES
LIGHTING DESIGN AND ENGINEERING
4099 WESTLAKE COURT SOUTH STE. 802
BOULDER, CO 80504
303-440-7229

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		BAPTIST ROAD/I-25 INTERCHANGE LIGHT STANDARD DETAILS		Project No./Code	
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REGION 2 JFF



