

PLANS

NOT

TO

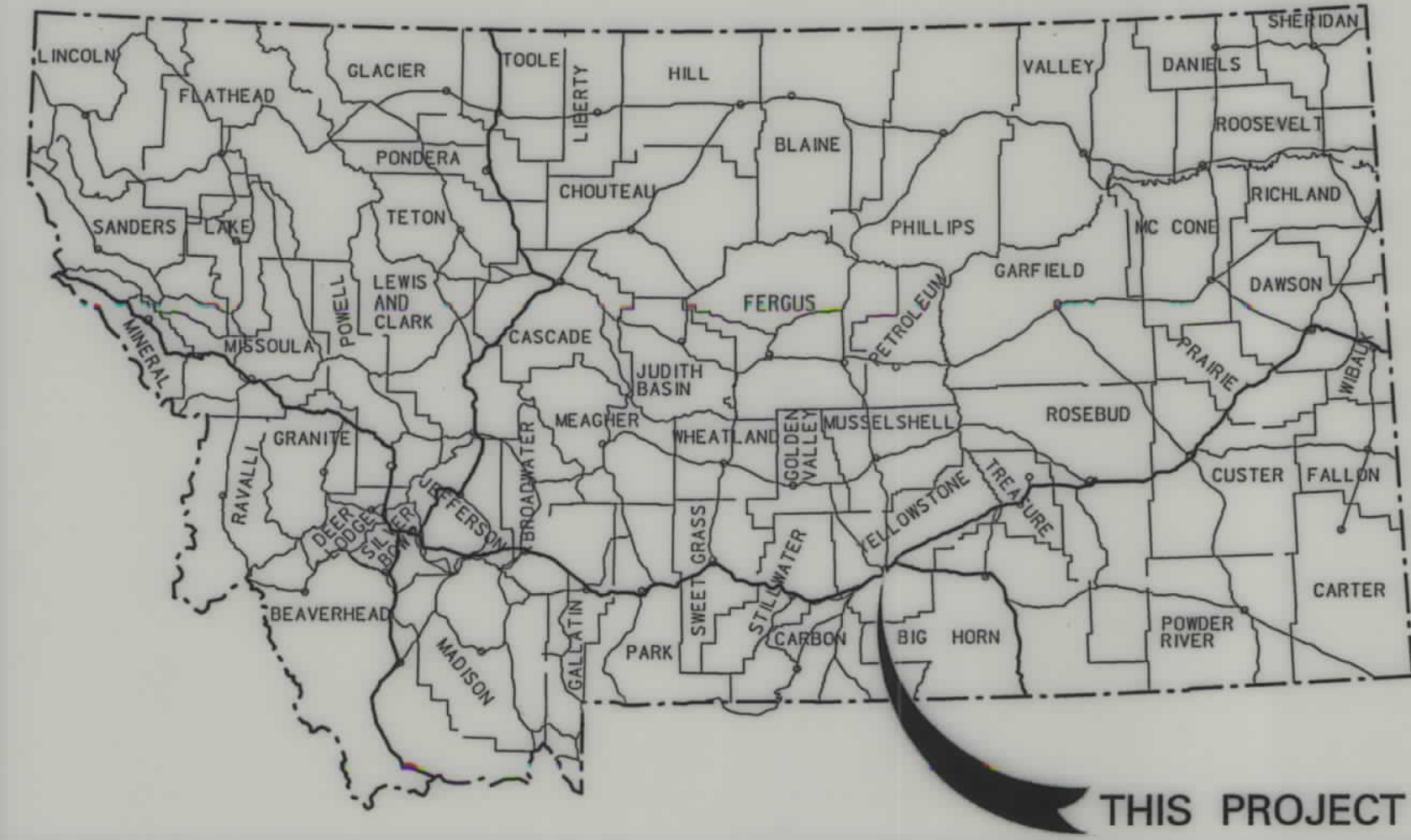
SCALE

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	1	11
PROJECT NUMBER 1050-005		WEST BILLINGS-KING AVE BRIDGES	

MONTANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN OF FEDERAL AID PROJECT NO. BR 1010(5) WEST BILLINGS - KING AVE BRIDGES YELLOWSTONE COUNTY

1.1 Kilometers



MONTANA DEPARTMENT OF TRANSPORTATION
 MONTANA CADD
 MORRISON MAERLE, INC.
 ENGINEERS ARCHITECTS PLANNERS
 1000 N. BRIDGEMAN AVENUE
 BILLINGS, MONTANA 59102-1000
 PHONE (406) 251-1000
 FAX (406) 251-1001
 WWW.MORRISONMAERLE.COM

CONVENTIONAL SIGNS

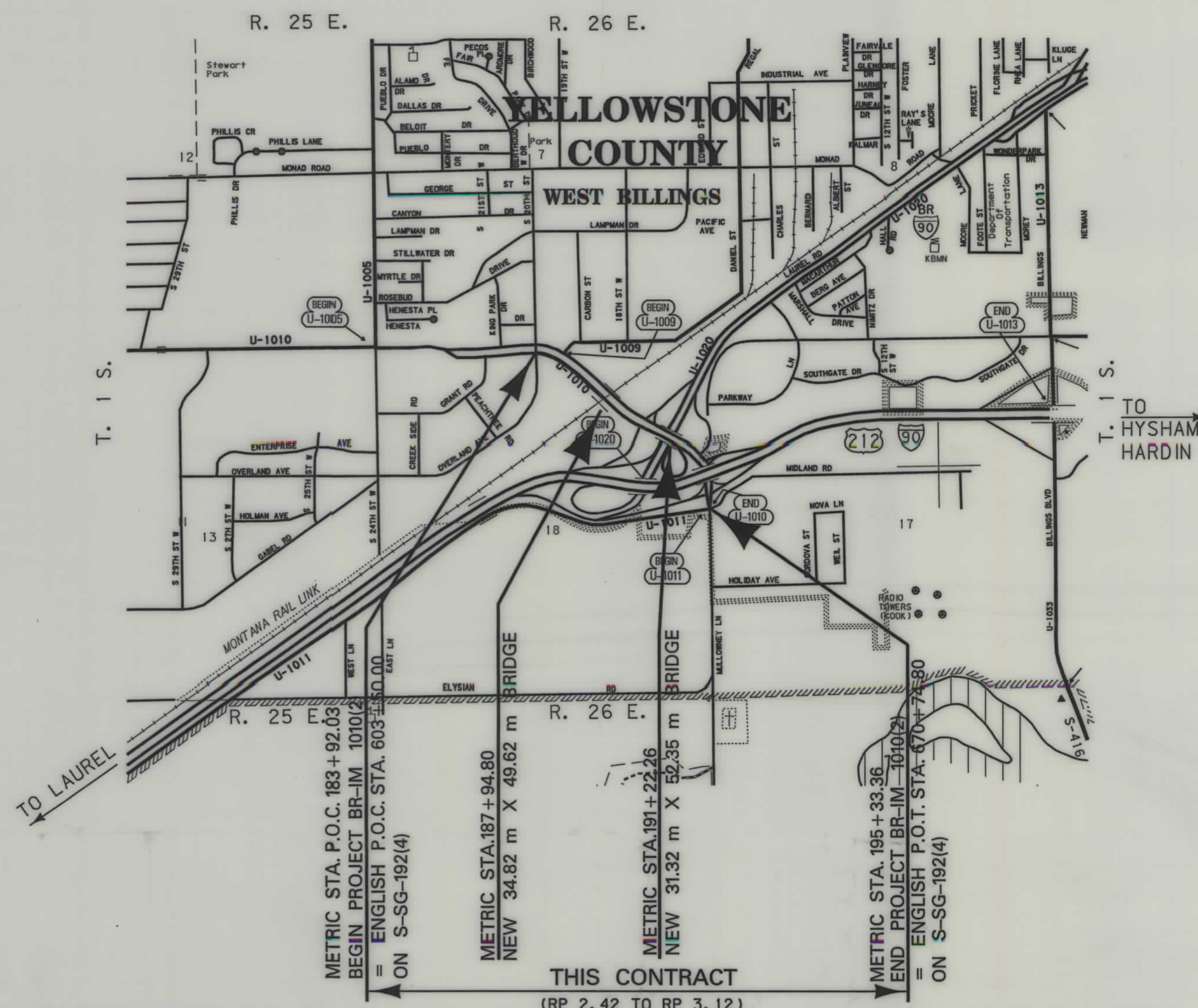
- PROPOSED RIGHT OF WAY LINE
- EXISTING RIGHT OF WAY LINE
- RAILROAD RIGHT OF WAY LINE
- RIGHT OF WAY BASELINE
- STK'D CENTERLINE
- SECTION LINE
- OWNERSHIP BOUNDARY
- FULL ACCESS CONTROL
- LIMITED ACCESS CONTROL
- EXISTING ACCESS CONTROL
- PRESENT TRAVELED WAY (P.T.W.)
- FENCE LINE
- EXISTING GUARDRAIL
- PROPOSED GUARDRAIL
- GATE IN FENCE
- CATTLE GUARD: EXIST. - PROPOSED
- SECTION CORNER
- 1/4 SECTION CORNER
- CLOSING CORNER
- MEANDER CORNER
- CENTER OF SECTION
- RIGHT OF WAY MONUMENT
- PROPERTY CORNER PIN
- POWER POLE IN PLACE
- TELEPHONE POLE IN PLACE
- TELEGRAPH POLE IN PLACE
- LIGHT POLE
- PROPOSED CULVERT
- EXISTING CULVERT
- OUTLET DITCH
- INLET DITCH
- EXISTING DITCH
- CHANNEL CHANGES
- DITCH BLOCK
- RIPRAP
- BRIDGES
- RAILROADS
- PARCEL NUMBERS
- APPROACH: EXIST.

ASSOCIATED PROJECT ID.
P. E. BR 1010(1)
I. C.

RELATED PROJECTS
1-TG-90-8(19)443
S-SG 192(4)
F 228(14)
IR-M90-8(123)446
FAU 1010
FAU 1020

FHWAMDT APPROVAL	6/03/05
MAP REVISED	

CONTROL NO. A060



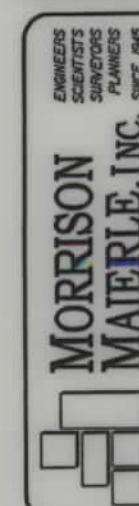
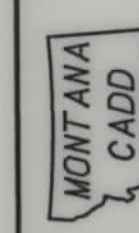
SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

A CONTROLLED ACCESS FACILITY

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

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BR 1010(5) SHT 1 OF 11



RDRW

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OWNERSHIP																			
PARCEL	NAME	ADDRESS	TOTAL AREA		GROSS R/W AREA		EX. EASE. AREA		NET AREA		REMAINDER				CONST. PMT. AREA		EASE. AREA		SHEET NO.
			METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	LEFT		RIGHT		METRIC	ENGLISH	METRIC	ENGLISH	
											METRIC	ENGLISH	METRIC	ENGLISH					
1	YELLOWSTONE BANK	PO BOX 81010, BILLINGS, MT 59108-1010																	3
2	WILLIAM O. & BEVERLY R. RYAN c/o TUITION RESTAURANT CORP.	2038 OVERLAND AVE., BILLINGS, MT 59102-6453																	3
3	BILLCO INVESTMENT, L.L.C.	PO BOX 12697, GRAND FORKS, ND 58208-2697 AMT CORP.												0.032 ha	0.08 AC				3, 4
4	LIVINGSTON MARBLE & GRANITE WORKS, INC. - (40%) ERNEST & LEANNE DUTTON - (40%) WILLIAM J. & EVELYN L. SCALISE - (10%) GREGORY D. & EMILY STRONG	PO BOX 411, LIVINGSTON, MT 59047 2046 MARIPOSA LANE, BILLINGS, MT 59102 34 BURNSIDE LANE, LIVINGSTON, MT 59047 PO BOX 411, LIVINGSTON, MT 59047												0.047 ha	0.12 AC				3, 4
5	TEXAS ROADHOUSE OF BILLINGS, LLC, AKY, LLC	6040 DUTCHMANS LANE, SUITE 400, LOUIVELLE, KY 40205												0.014 ha	0.03 AC				4
6	MONTANA RAIL LINK	101 INTERNATIONAL AVE., MISSOULA, MT			1.883 ha	4.65 AC	1.675 ha	4.14 AC	0.208 ha	0.51 AC									4
7	LARRY & RHONDA GRAYSON	7440 CLARK AVE., BILLINGS, MT 59106																	9, 11

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	2	11

PROJECT NUMBER 1050-005
WEST BILLINGS-KING AVE BRIDGES

RIGHT-OF-WAY COORDINATE ASCII FILES
R/W BREAK COORDS: A050RBRKZ01.TXT
R/W BASELINE COORDS: A050RBRASZ01.TXT
ALL FILES ARE LOCATED ON THE CADD SERVER
IN THE RO DIRECTORY, UNDER PROJECT: A050

- NOTES:
1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
 2. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
 3. THE ENGLISH AREAS ARE FOR INFORMATIONAL PURPOSES ONLY.
 4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:

FHWA/DOT APPROVAL 6/03/05
MAP REVISED

MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
YELLOWSTONE COUNTY

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	3	11
PROJECT NUMBER 1050-005		WEST BILLINGS-KING AVE BRIDGES	

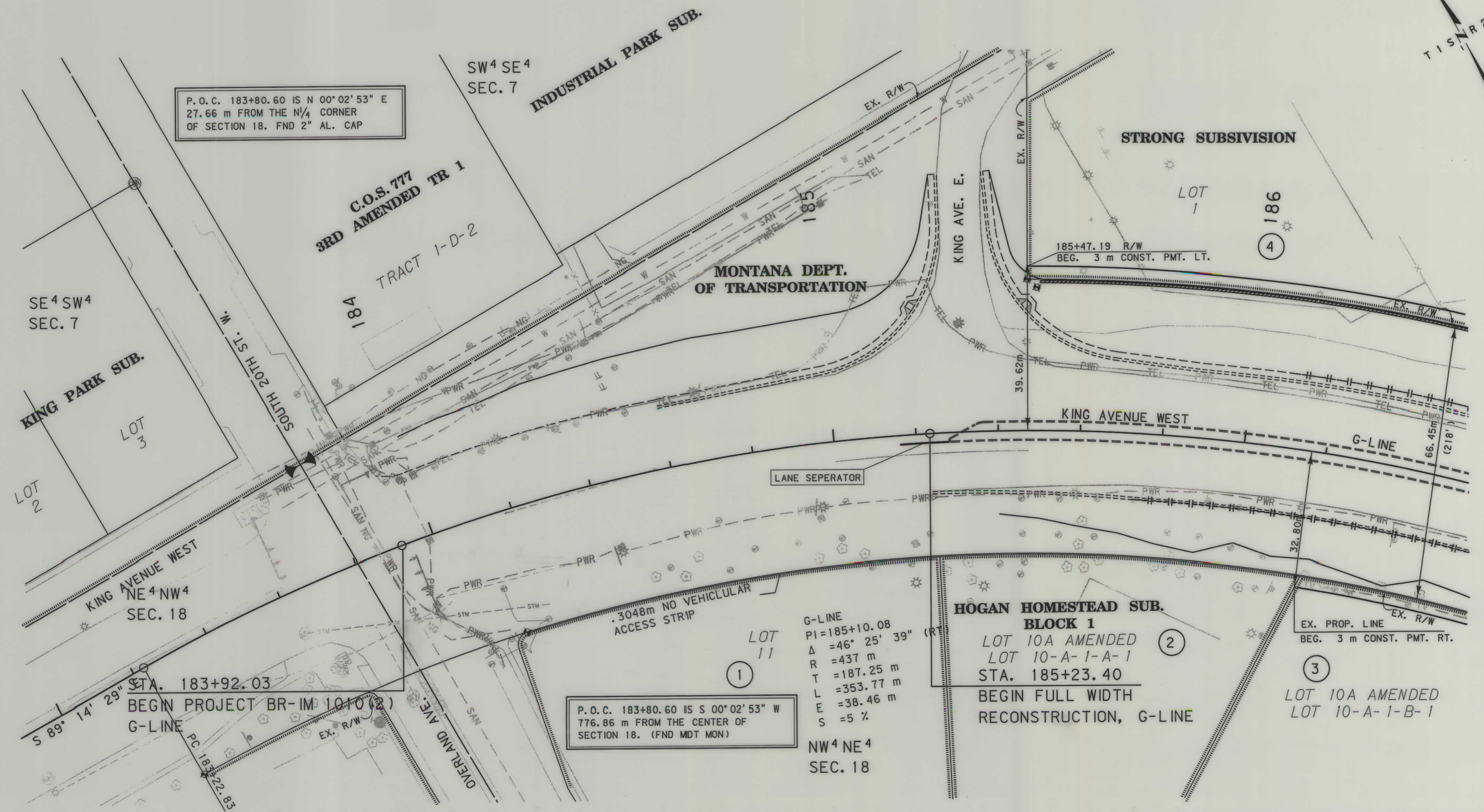
SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

(G-LINE)



MORRISON MAERLE, INC.
 ENGINEERS ARCHITECTS PLANNERS
 1000 17th St. Billings, MT 59102
 (406) 251-1111
 MONTANA CADD
 MONTANA DEPARTMENT OF TRANSPORTATION

RDROW



P.O.C. 183+80.60 IS N 00°02'53" E
27.66 m FROM THE N/4 CORNER
OF SECTION 18. FND 2" AL. CAP

P.O.C. 183+80.60 IS S 00°02'53" W
776.86 m FROM THE CENTER OF
SECTION 18. (FND MDT MON)

G-LINE
 PI=185+10.08
 $\Delta = 46^\circ 25' 39''$ (RT)
 R = 437 m
 T = 187.25 m
 L = 353.77 m
 E = 38.46 m
 S = 5 %

STA. 183+92.03
 BEGIN PROJECT BR-IM 1010(5)
 G-LINE

.3048m NO VEHICULAR
 ACCESS STRIP

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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL	6/03/05
MAP REVISED	

MONTANA
 DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
 YELLOWSTONE COUNTY
 SCALE 1:500

FOR EXISTING R/W RETRACEMENT, SEE
 SEE C.O.S. NO. 3104

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BR 1010(5) SHT 3 OF 11

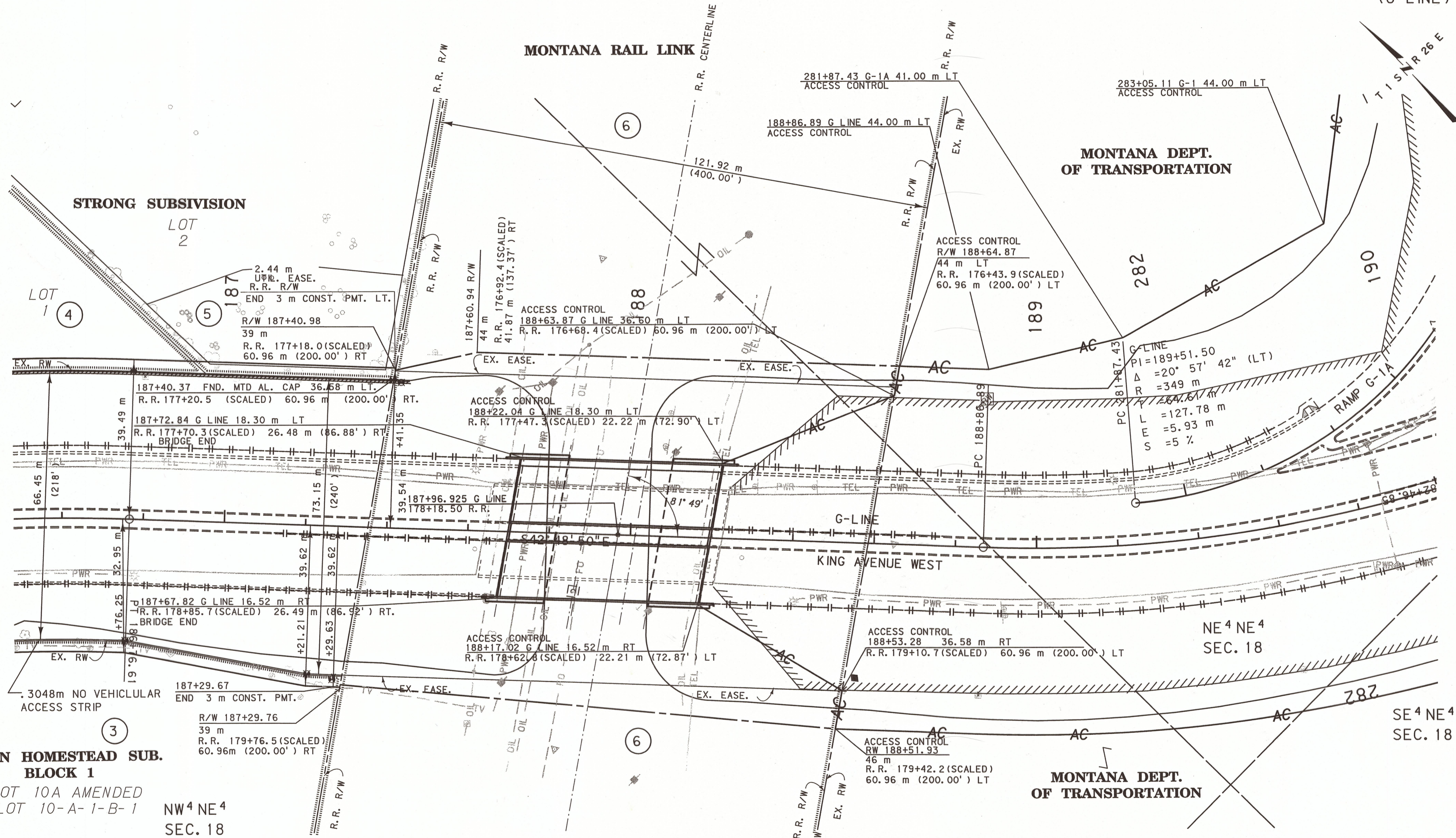
STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	4	11
PROJECT NUMBER 1050-005			

WEST BILLINGS-KING AVE BRIDGES
(G-LINE)

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD
MORRISON MAIBERLE, INC.
An Engineering-Related Company

RDROW



HOGAN HOMESTEAD SUB. BLOCK 1
LOT 10A AMENDED
LOT 10-A-1-B-1
NW 4 NE 4
SEC. 18

FOR EXISTING R/W RETRACEMENT, SEE
SEE C. O. S. NO. 3104

- NOTES:
1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
 2. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
 3. THE ENGLISH AREAS ARE FOR INFORMATIONAL PURPOSES ONLY.
 4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS: CUT SECTION	DITCH BOTTOM
FHWA/DOT APPROVAL 6/03/05	TOE OF FILL
MAP REVISED	

MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
YELLOWSTONE COUNTY
SCALE 1:500

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BR 1010(5) SH 4 OF 11

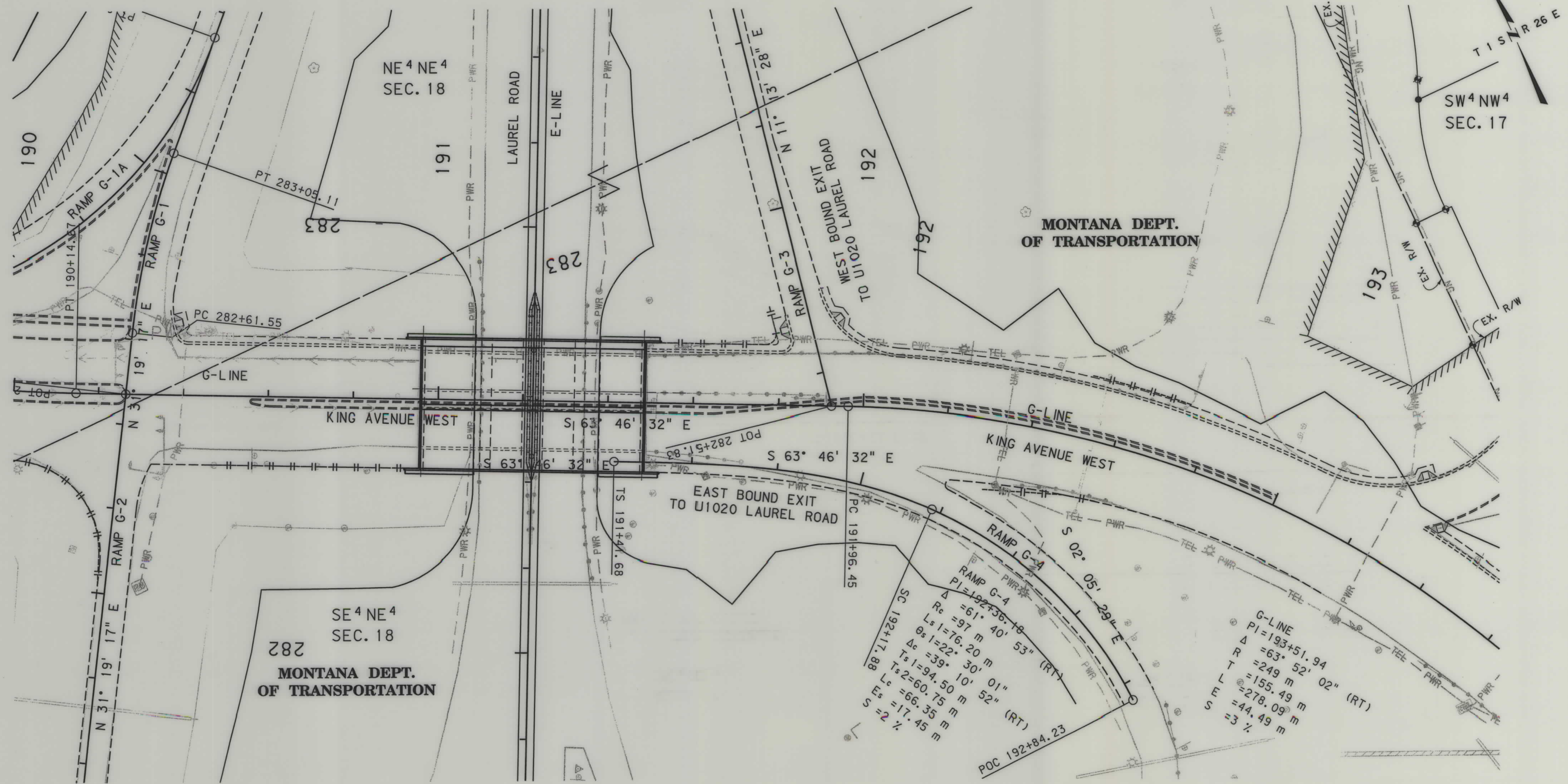
STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	5	11
PROJECT NUMBER		1050-005	

WEST BILLINGS-KING AVE BRIDGES
(G-LINE)
(RAMP G-4)

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

SEE SHT. 7

SEE SHT. 11



- NOTES:
1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
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 4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:

CUT SECTION	TOP OF CUT
TOE OF FILL	DITCH BOTTOM
FHWA/DOT APPROVAL 6/03/05	
MAP REVISED	

MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
YELLOWSTONE COUNTY
SCALE 1:500

FOR EXISTING R/W RETRACEMENT, SEE
SEE C. O. S. NO. 3104

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD
MORRISON MAERLE, INC.
An Engineering-Related Company

RDROW

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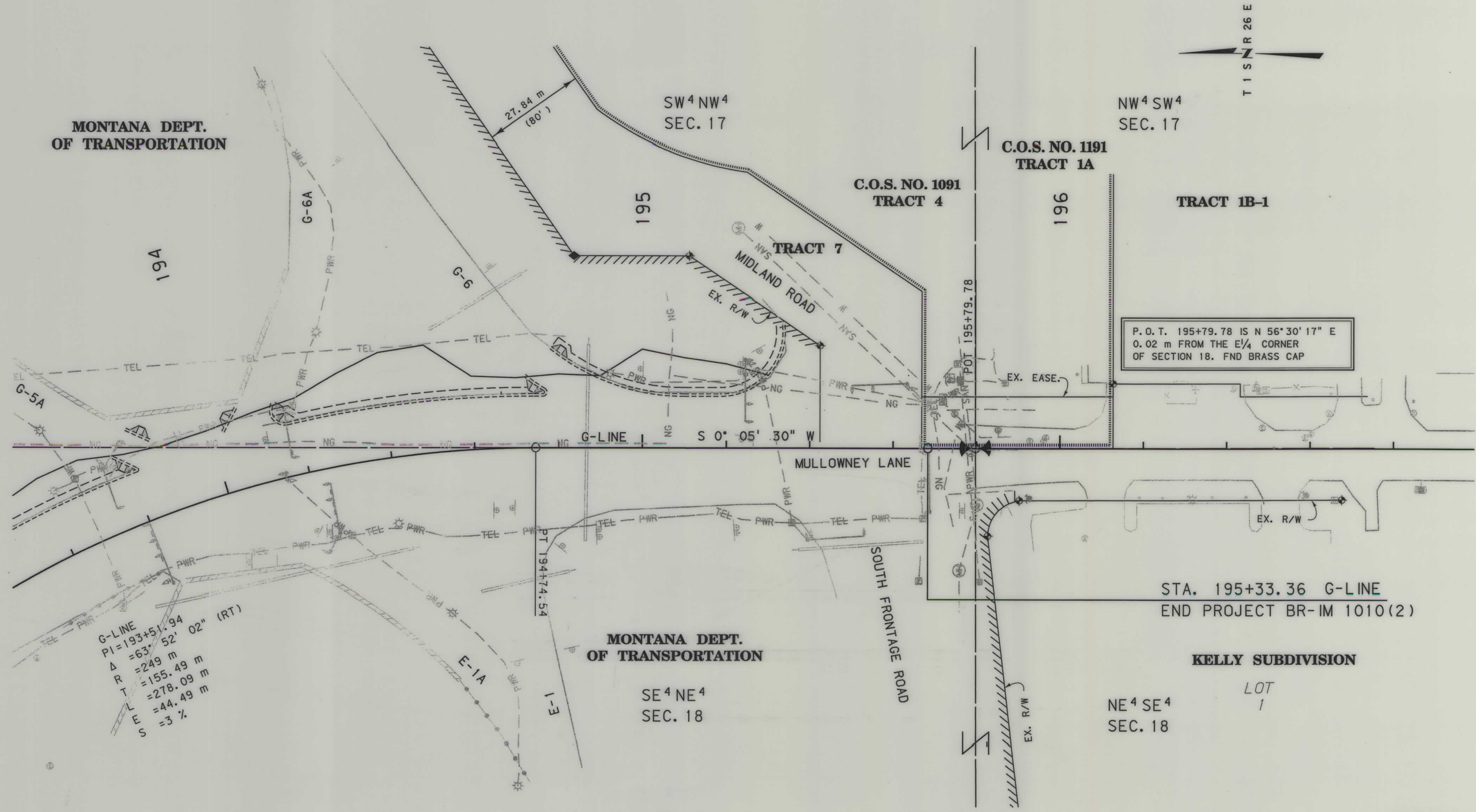
BR 1010(5) SHT 5 OF 11

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	6	11
PROJECT NUMBER 1050-005		WEST BILLINGS-KING AVE BRIDGES	

(G-LINE)

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD
MORRISON MAIERLE, INC.
An Engineering-Consulting Company



RDROW
193

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FOR EXISTING R/W RETRACEMENT, SEE C.O.S. NO. 3104

- NOTES:
1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
 2. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
 3. THE ENGLISH AREAS ARE FOR INFORMATIONAL PURPOSES ONLY.
 4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL 6/03/05	CATCH BOTTOM
MAP REVISED	

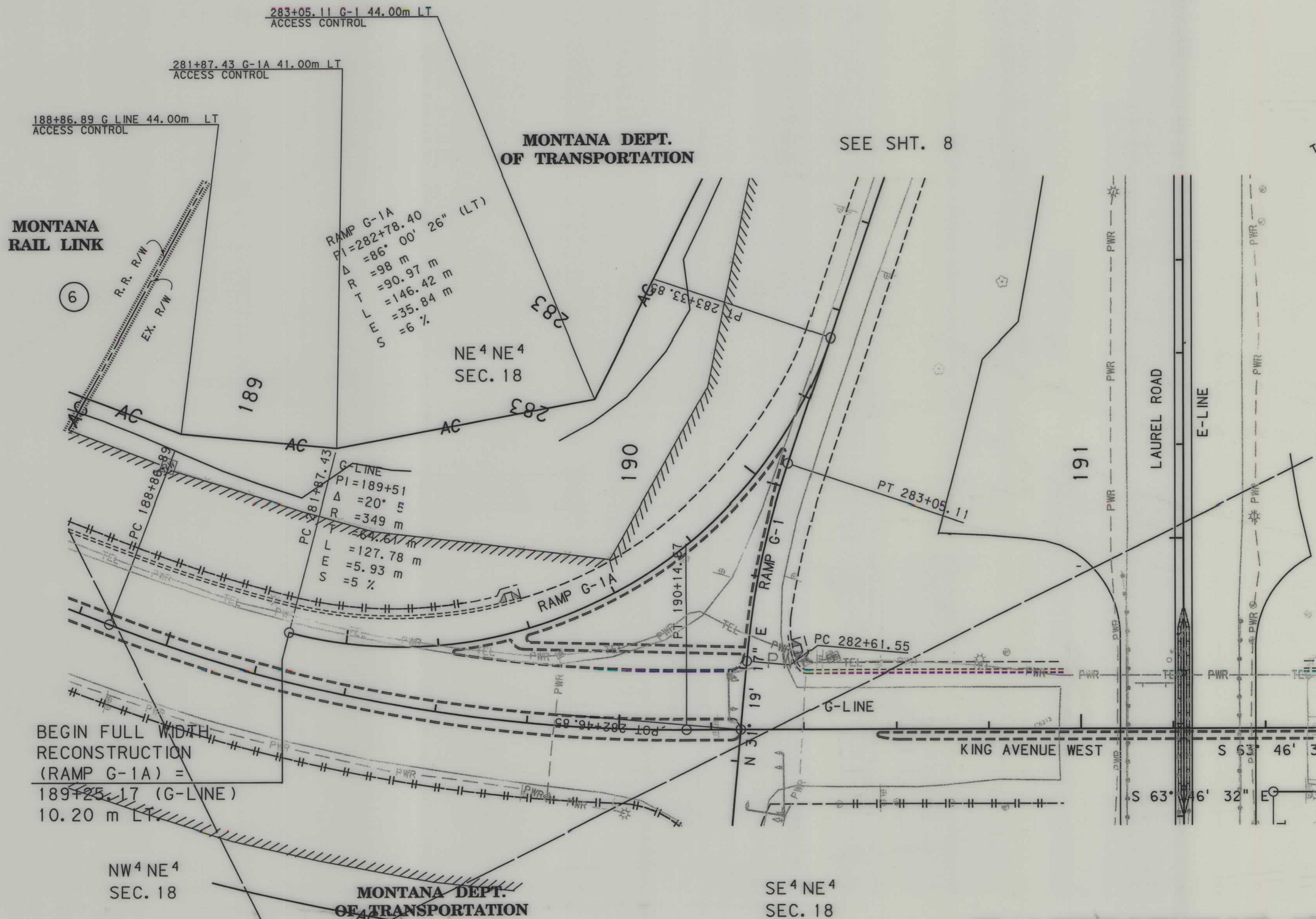
MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
YELLOWSTONE COUNTY
SCALE 1:500

BR 1010(5) SHT 6 OF 11

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	7	11
PROJECT NUMBER 1050-005			
WEST BILLINGS-KING AVE BRIDGES			
(RAMP G-1A)			

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD
MORRISON MAERLE, INC.
RDROW



BEGIN FULL WIDTH RECONSTRUCTION (RAMP G-1A) = 189+25.17 (G-LINE) 10.20 m LT

- NOTES:
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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:

CUT SECTION	TOE OF CUT	TOP OF CUT
TOE OF FILL	DITCH BOTTOM	

FHWA/DOT APPROVAL 6/03/05
MAP REVISED

MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
YELLOWSTONE COUNTY
SCALE 1:500

0M 25M 50M

FOR EXISTING R/W RETRACEMENT, SEE SEE C.O.S. NO. 3104

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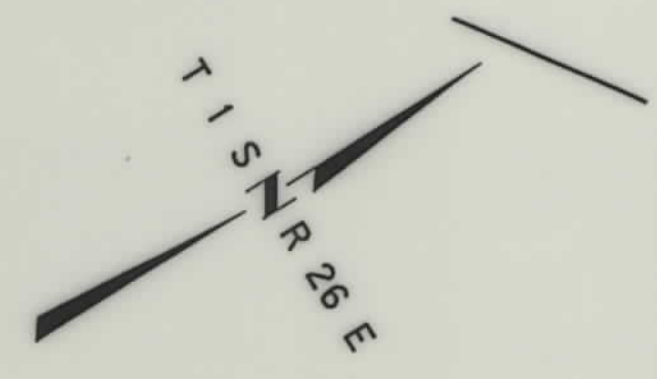
BR 1010(5) SHT 7 OF 11

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	8	11
PROJECT NUMBER 1050-005			
WEST BILLINGS-KING AVE BRIDGES			
(RAMPS G-1 & G-2)			

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

SEE SHT. 7

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD
MORRISON MAIERLE, INC.
An Engineering-Related Company



SW⁴ NE⁴
SEC. 18

SE⁴ NE⁴
SEC. 18

MONTANA DEPT. OF TRANSPORTATION
NE⁴ NE⁴
SEC. 18

STA. 281+39.33
BEGIN FULL WIDTH
RECONSTRUCTION
(RAMP G-2)
MATCH EXISTING

MONTANA DEPT. OF TRANSPORTATION

STA. 190+24.95 G-LINE
OFFSET 16.20 m RT.
= STA. 282+30.52
END FULL WIDTH
RECONSTRUCTION
(RAMP G-2)

STA. 190+27.52 G-LINE
OFFSET 12.60 m LT.
= STA. 282+59.50
BEGIN FULL WIDTH
RECONSTRUCTION
(RAMP G-1)

RAMP G-1
PI=282+83.43
 $\Delta = 13^{\circ} 34' 41''$ (RT)
R = 184 m
T = 21.88 m
L = 43.56 m
E = 1.30 m
S = 2 %

FOR EXISTING R/W RETRACEMENT, SEE
SEE C.O.S. NO. 3104

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BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS:

FHWA/DOT APPROVAL	6/03/05
MAP REVISED	

MONTANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLAN
YELLOWSTONE COUNTY
SCALE 1:500

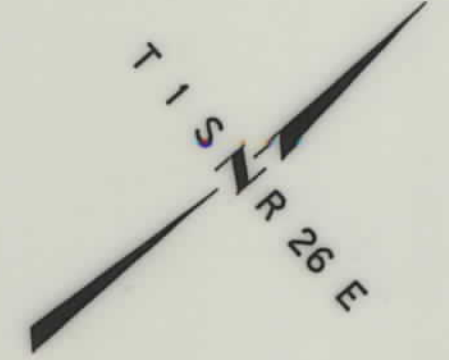
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BR 1010(5) SHT 8 OF 11

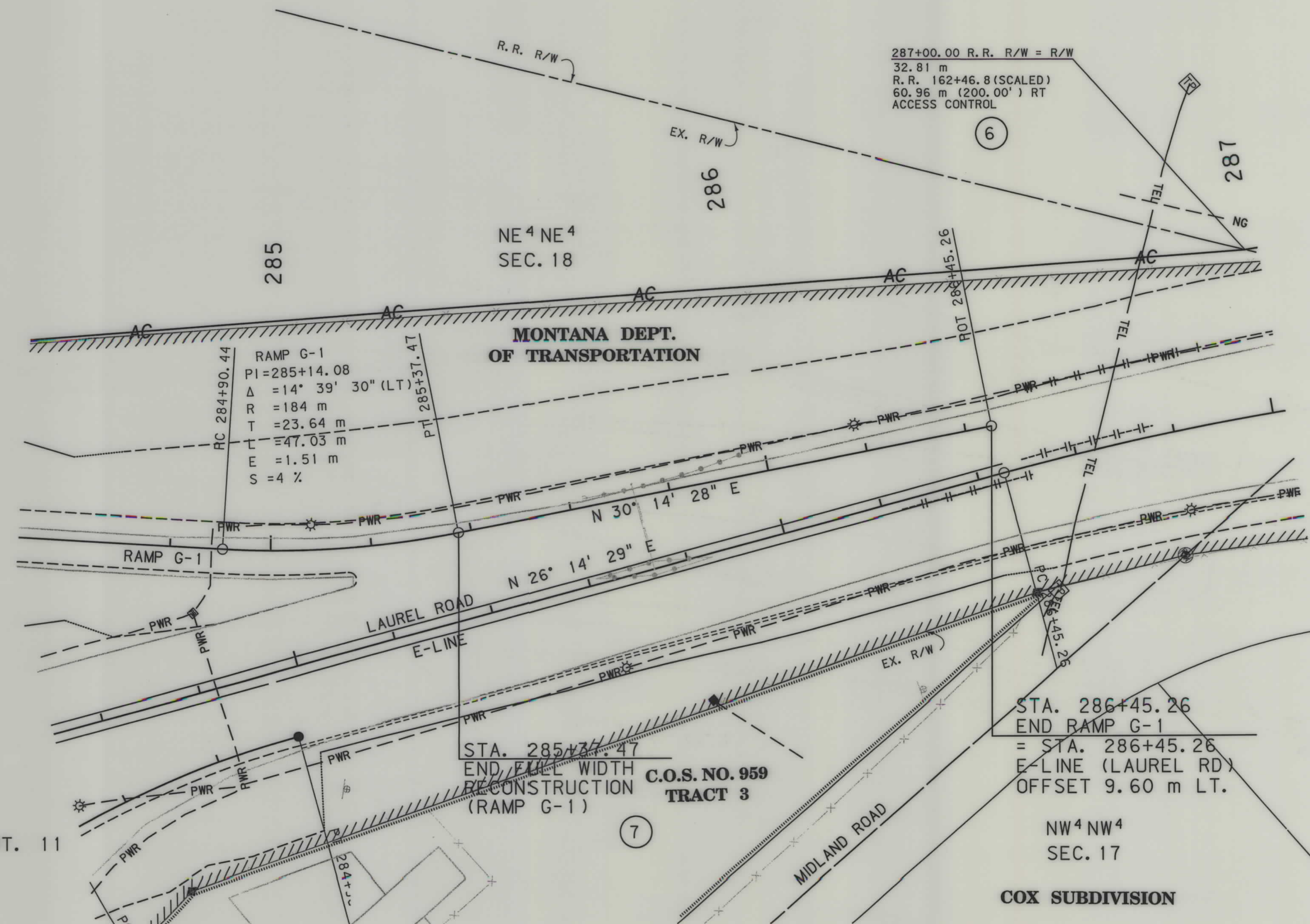
STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	9	11

PROJECT NUMBER 1050-005
 WEST BILLINGS-KING AVE BRIDGES
 RAMP G-1 &
 LAUREL RD (E-LINE)

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.



MONTANA DEPARTMENT OF TRANSPORTATION
 MONTANA CADD
 MORRISON MAIERLE, INC.
 AN ENGINEERING COMPANY



SEE SHT. 8

SEE SHT. 11

FOR EXISTING R/W RETRACEMENT, SEE
 SEE C. O. S. NO. 3104

- NOTES:
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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	DITCH BOTTOM
CUT SECTION	
TOE OF FILL	
FHWA/DOT APPROVAL	6/03/05
MAP REVISED	

MONTANA DEPARTMENT OF TRANSPORTATION
 RIGHT OF WAY PLAN
 YELLOWSTONE COUNTY
 SCALE 1:500

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BR 1010(5) SHT 9 OF 11

SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	10	11

PROJECT NUMBER 1050-005
 WEST BILLINGS-KING AVE BRIDGES
 RAMP G-1 &
 LAUREL RD (E-LINE)

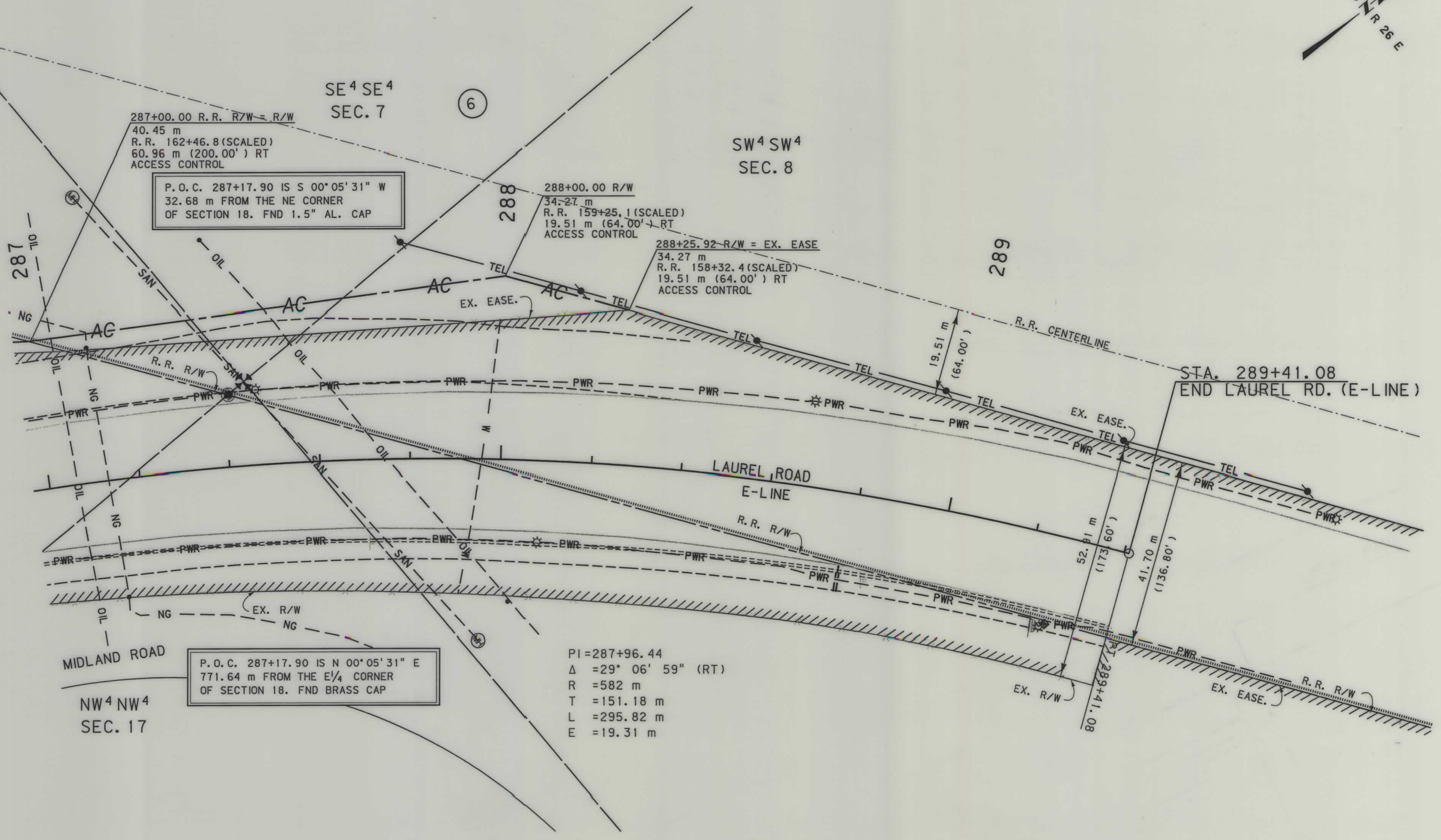


MONTANA DEPARTMENT OF TRANSPORTATION
 MONTANA CADD
 MORRISON MAIERLE, INC.
 An Autodesk-CadSoft Company

NE⁴NE⁴
 SEC. 18

SE⁴SE⁴
 SEC. 7

SW⁴SW⁴
 SEC. 8



P.O.C. 287+17.90 IS S 00°05'31" W
 32.68 m FROM THE NE CORNER
 OF SECTION 18. FND 1.5" AL. CAP

P.O.C. 287+17.90 IS N 00°05'31" E
 771.64 m FROM THE E¹/₄ CORNER
 OF SECTION 18. FND BRASS CAP

PI=287+96.44
 Δ = 29° 06' 59" (RT)
 R = 582 m
 T = 151.18 m
 L = 295.82 m
 E = 19.31 m

FOR EXISTING R/W RETRACEMENT, SEE
 SEE C.O.S. NO. 3104

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BACKSLOPE LIMITS INCLUDE ROUNDING	TOP OF CUT
CONSTRUCTION LIMITS:	CUT SECTION
	TOE OF FILL
FHWA/DOT APPROVAL	6/03/05
MAP REVISED	

MONTANA
 DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
 YELLOWSTONE COUNTY
 SCALE 1:500

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BR 1010(5) SHT 10 OF 11

