

PLANS

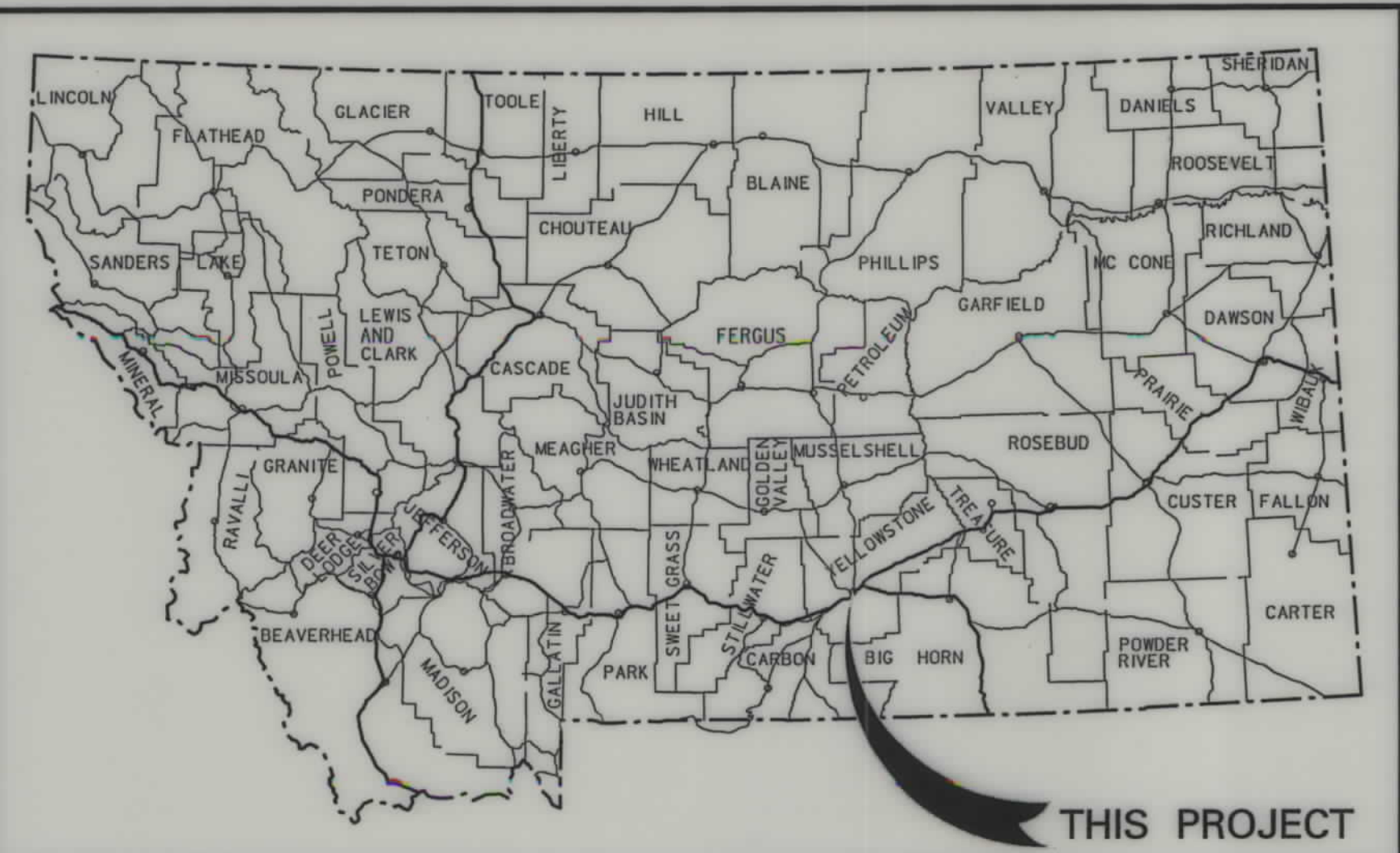
NOT

TO

SCALE

MONTANA DEPARTMENT OF TRANSPORTATION
MONTANA CADD
MORRISON MAERLE, INC.
As Prepared - Not for Construction

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MONTANA DEPARTMENT OF TRANSPORTATION

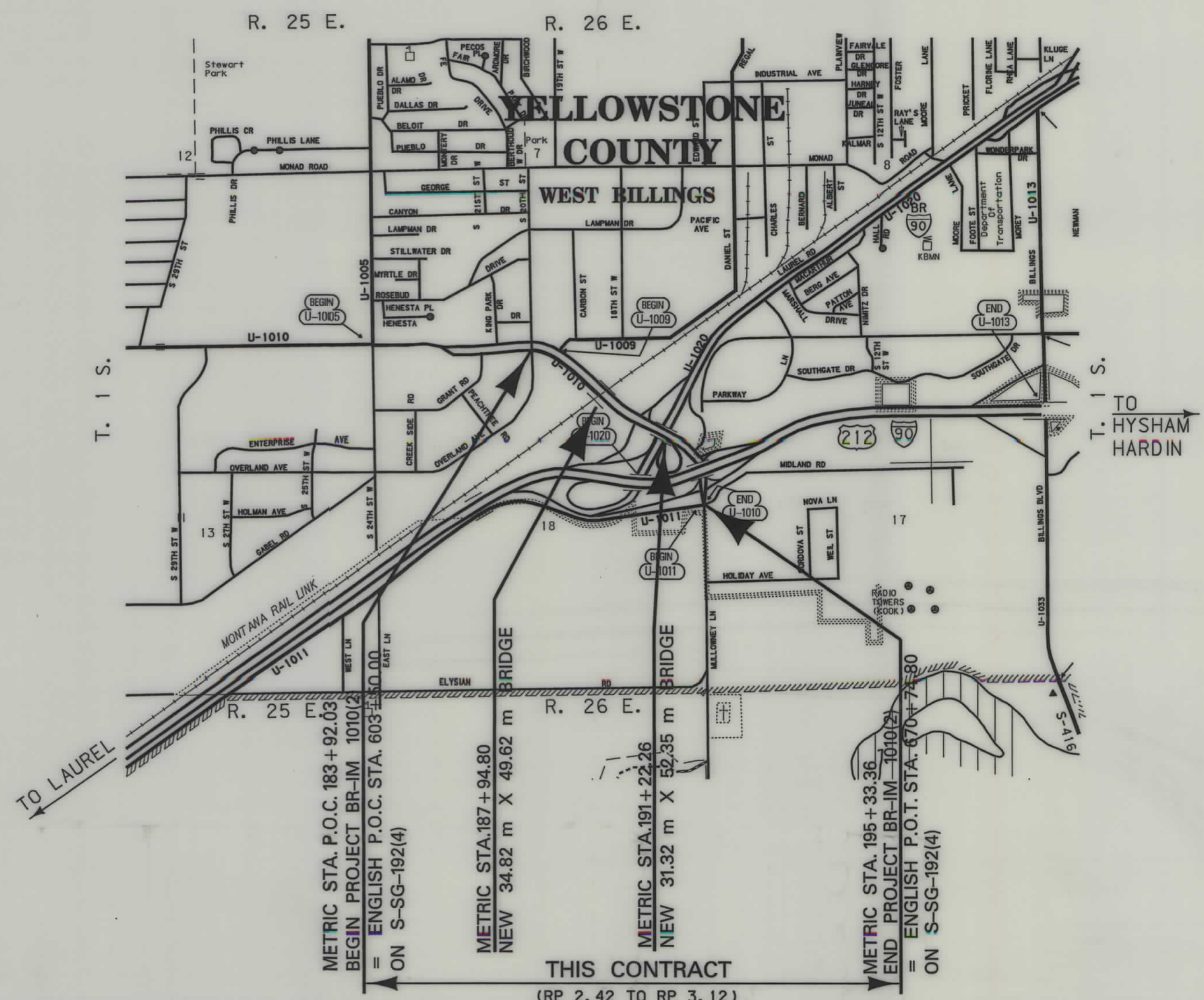
STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	1	11
PROJECT NUMBER 1050-005			
WEST BILLINGS-KING AVE BRIDGES			

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

1.1 Kilometers

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	AG AG
LIMITED ACCESS CONTROL	/// ///
EXISTING ACCESS CONTROL	/// ///
PRESENT TRAVELED WAY (P.T.W.)	---
FENCE LINE	x x x x
EXISTING GUARDRAIL	- - -
PROPOSED GUARDRAIL	- - -
GATE IN FENCE	- - -
CATTLE GUARD: EXIST. - PROPOSED	--- --
SECTION CORNER	FOUND UNFOUND
1/4 SECTION CORNER	FOUND UNFOUND
CLOSING CORNER	FOUND UNFOUND
MEANDER CORNER	FOUND UNFOUND
CENTER OF SECTION	FOUND UNFOUND
RIGHT OF WAY MONUMENT	FOUND UNFOUND
PROPERTY CORNER PIN	FOUND UNFOUND
POWER POLE IN PLACE	FOUND UNFOUND
TELEPHONE POLE IN PLACE	FOUND UNFOUND
TELEGRAPH POLE IN PLACE	FOUND UNFOUND
LIGHT POLE	FOUND UNFOUND
PROPOSED CULVERT	FOUND UNFOUND
EXISTING CULVERT	FOUND UNFOUND
OUTLET DITCH	FOUND UNFOUND
INLET DITCH	FOUND UNFOUND
EXISTING DITCH	FOUND UNFOUND
CHANNEL CHANGES	FOUND UNFOUND
DITCH BLOCK	FOUND UNFOUND
RIPRAP	FOUND UNFOUND
BRIDGES	FOUND UNFOUND
RAILROADS	FOUND UNFOUND
PARCEL NUMBERS	FOUND UNFOUND
APPROACH: EXIST.	FOUND UNFOUND

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



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

A CONTROLLED ACCESS FACILITY

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

PROJECT NUMBER	1050-005
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THE RO DIRECTORY, UNDER PROJECT: A050

NOTES: 1. ALL MEASUREMENTS ARE METRIC, EXCEPT AS NOTED.

MAP REVISED _____

RIGHT OF WAY PLAN
YELLOWSTONE COUNTY

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BR 1010(5) SHI 2 OF 11

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 1010(5)	3	11

PROJECT NUMBER 1050-005
WEST BILLINGS-KING AVE BRIDGES

(G-LINE)



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

P.O.C. 183+80.60 IS N 00°02'53" E
27.66 m FROM THE N¼ CORNER
OF SECTION 18. FND 2" AL. CAP

SW¼ SE¼
SEC. 7

INDUSTRIAL PARK SUB.

3RD C.O.S. 777
AMENDED TR 1
TRACT 1-D-2

MONTANA DEPT.
OF TRANSPORTATION

STRONG SUBDIVISION

LOT 1
186
4

185+47.19 R/W
BEG. 3 m CONST. PMT. LT.

SE¼ SW¼
SEC. 7

KING PARK SUB.
LOT 3

LOT 2

KING AVENUE WEST
NE¼ NW¼
SEC. 18

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

.3048m NO VEHICULAR
ACCESS STRIP

LOT 11
1

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
Δ=46° 25' 39" (RT)
R=437 m
T=187.25 m
L=353.77 m
E=38.46 m
S=5 %

NW¼ NE¼
SEC. 18

HOGAN HOMESTEAD SUB.
BLOCK 1

LOT 10A AMENDED
LOT 10-A-1-A-1
STA. 185+23.40

BEGIN FULL WIDTH
RECONSTRUCTION, G-LINE

EX. PROP. LINE
BEG. 3 m CONST. PMT. RT.

LOT 10A AMENDED
LOT 10-A-1-B-1

- 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	
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

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

RDROW

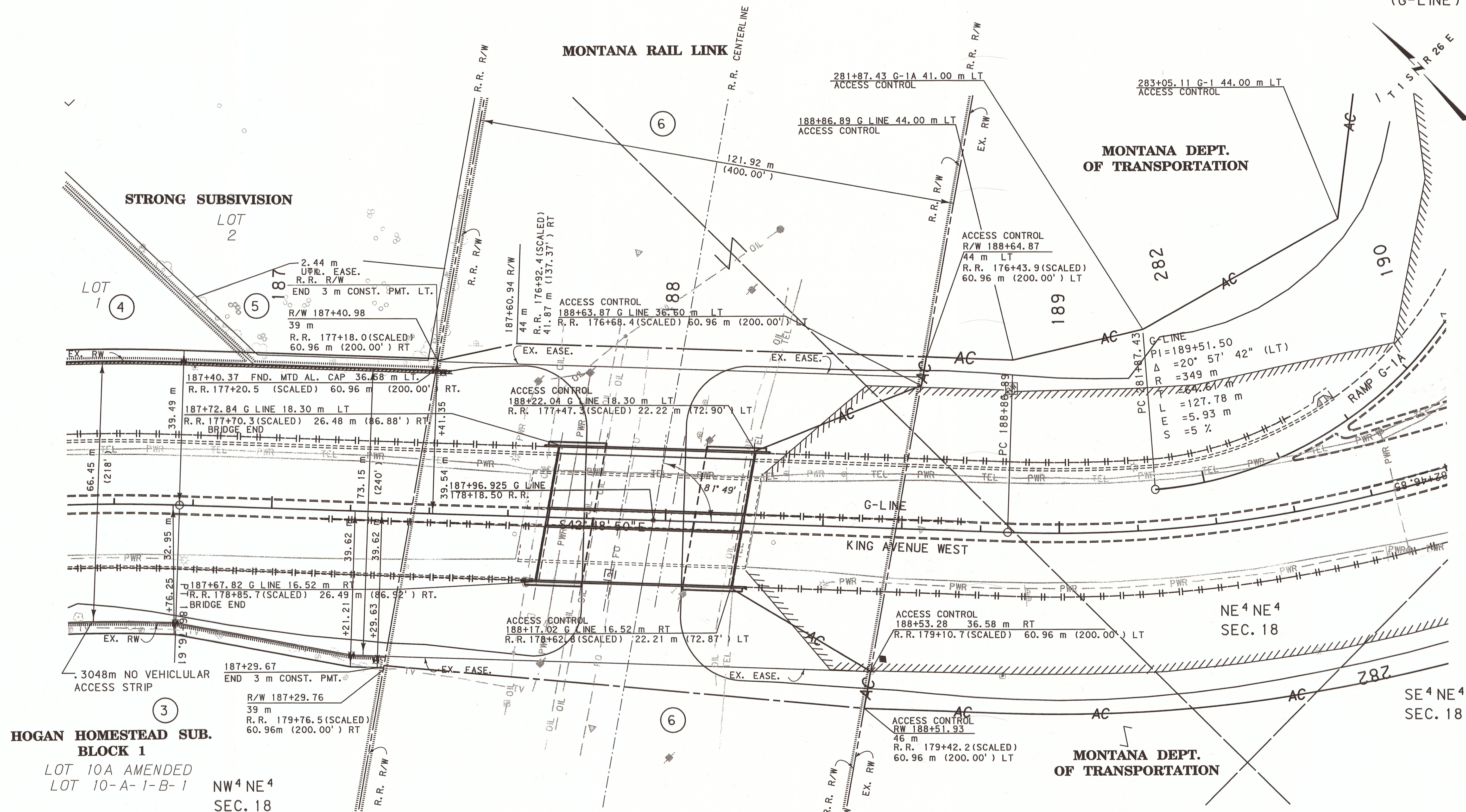
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BR 1010(5) SHT 3 OF 11

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

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

WEST BILLINGS-KING AVE BRIDGES
(G-LINE)



- 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
TOE OF FILL	
FHWA/DOT APPROVAL	6/03/05
MAP REVISED	

MONTANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN
YELLOWSTONE COUNTY
SCALE 1:500

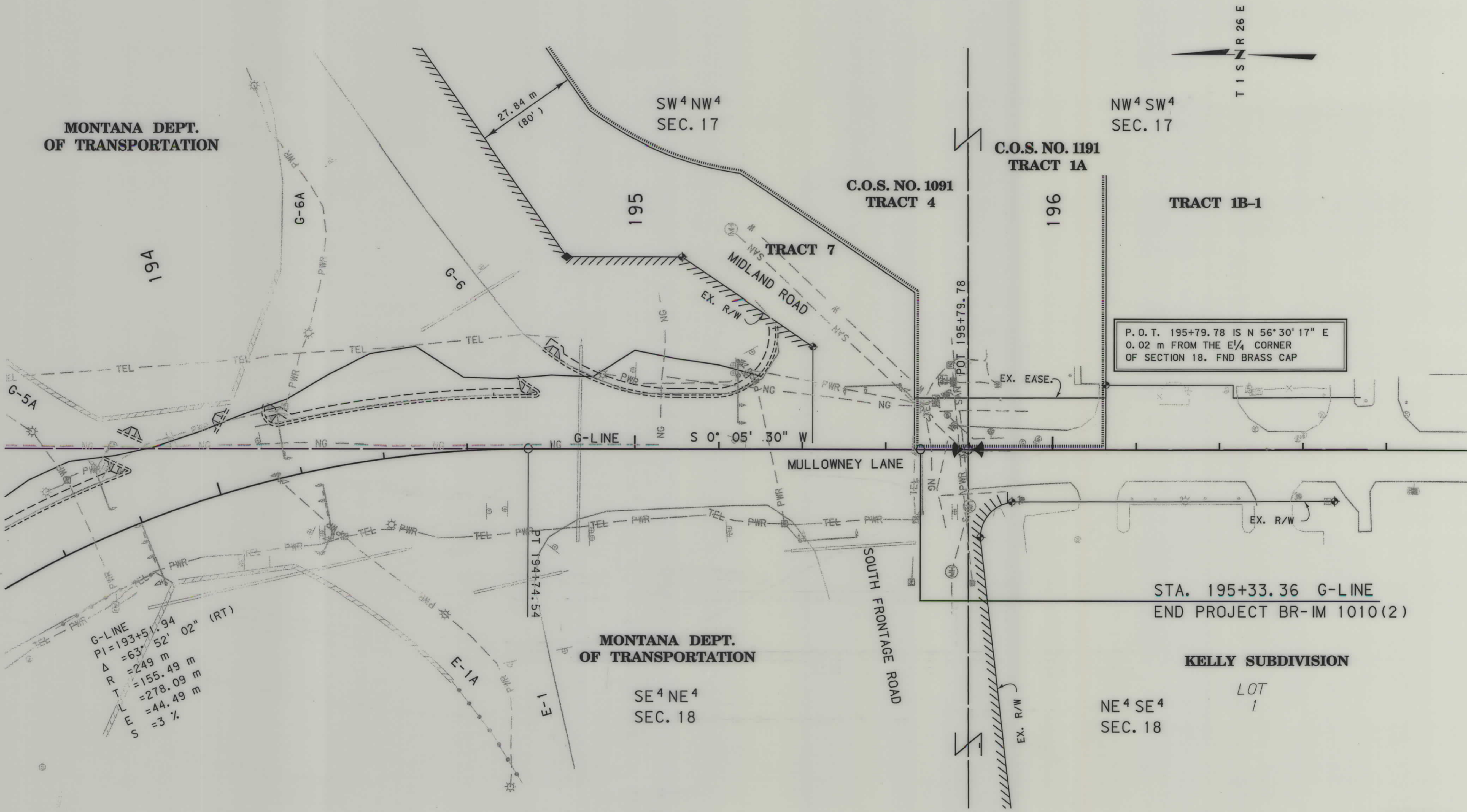
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FOR EXISTING R/W RETRACEMENT, SEE
SEE C.O.S. NO. 3104

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)



G-LINE
PI=193+51.94
Δ=63° 52' 02" (RT)
R=249 m
T=155.49 m
L=278.03 m
E=44.49 m
S=3 %

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

- 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	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

0M 25M 50M

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

RDROW

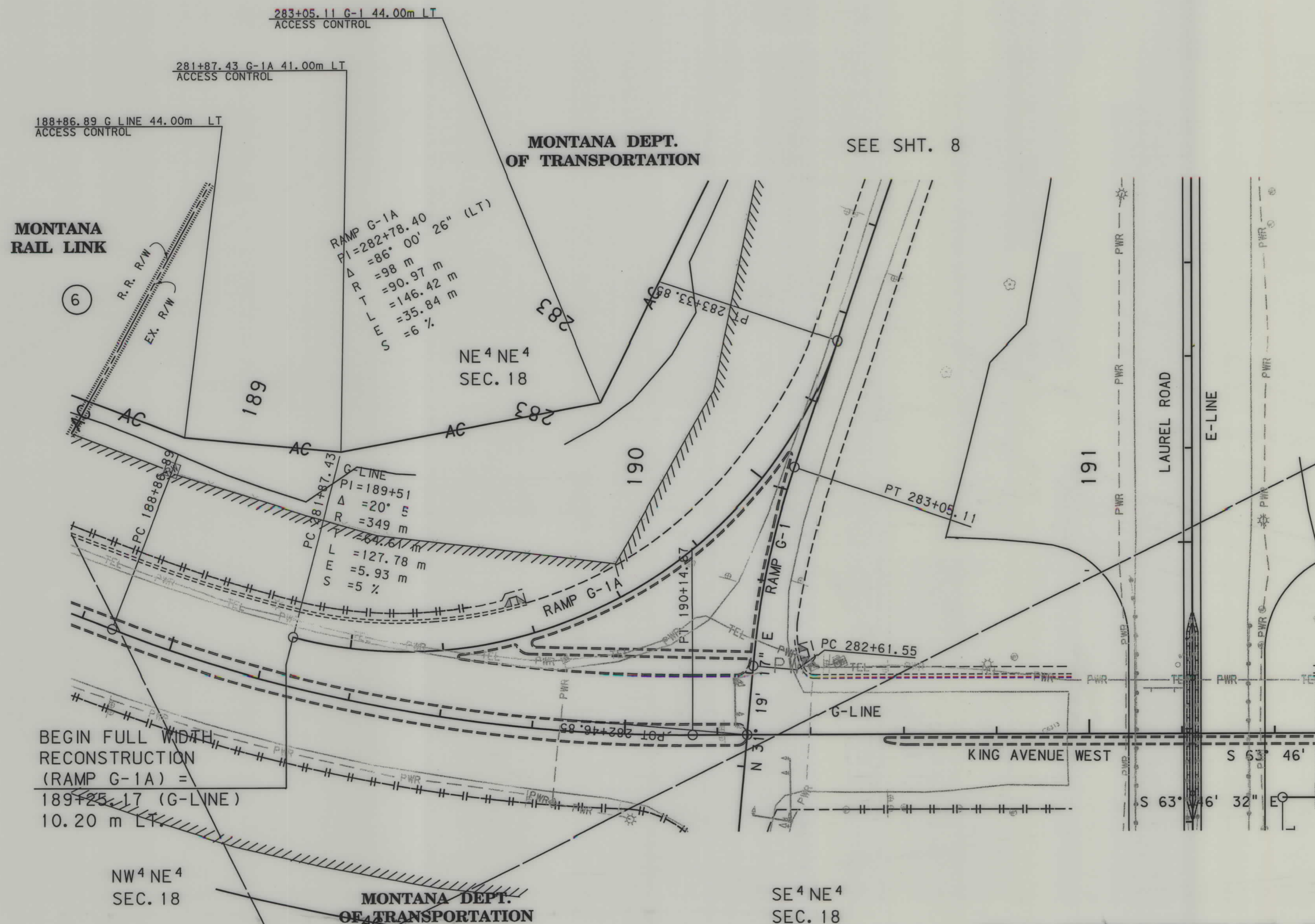
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BR 1010(5) SHT 6 OF 11

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.



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

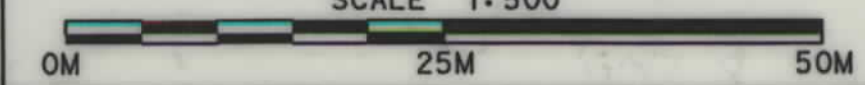
- NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
2. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.
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4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W BASELINE.

BACKSLOPE LIMITS INCLUDE ROUNDING
CONSTRUCTION LIMITS: CUT SECTION TOE OF CUT
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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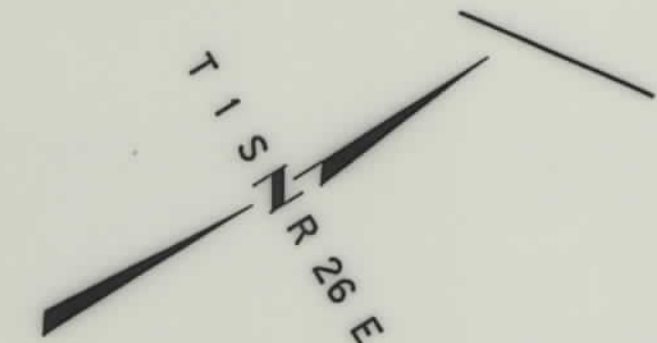
FOR EXISTING R/W RETRACEMENT, SEE
SEE C.O.S. NO. 3104

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 DEPT.
OF TRANSPORTATION



SW⁴ NE⁴
SEC. 18

SE⁴ NE⁴
SEC. 18

NE⁴ NE⁴
SEC. 18

189+97.12 G-LINE 46.00 m LT
ACCESS CONTROL

283+05.11 G-1 44.00 m LT
ACCESS CONTROL

STA. 190+26.40 G-LINE
= STA. 282+46.85 RAMP G-2
& RAMP G-1

283+97.23 G-1 32.00 m LT
ACCESS CONTROL

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

- NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
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BACKSLOPE LIMITS INCLUDE ROUNDING
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

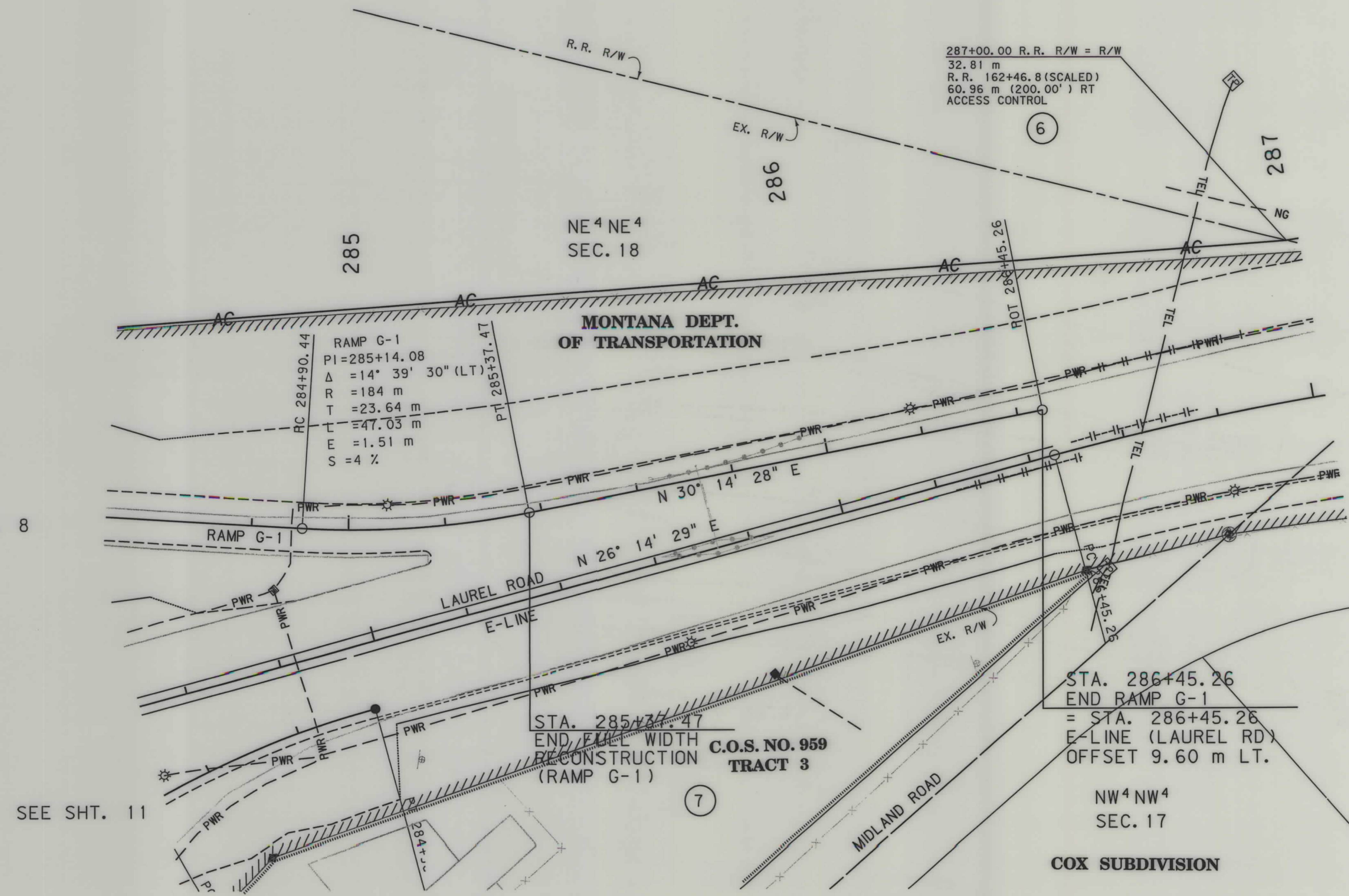
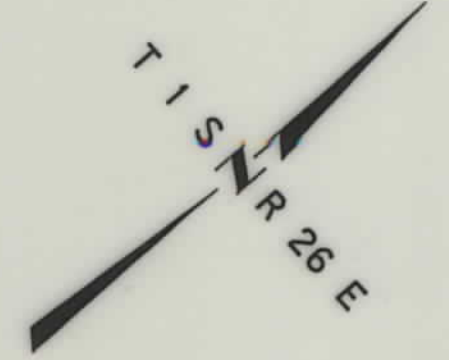
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SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

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 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:	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

0M 25M 50M

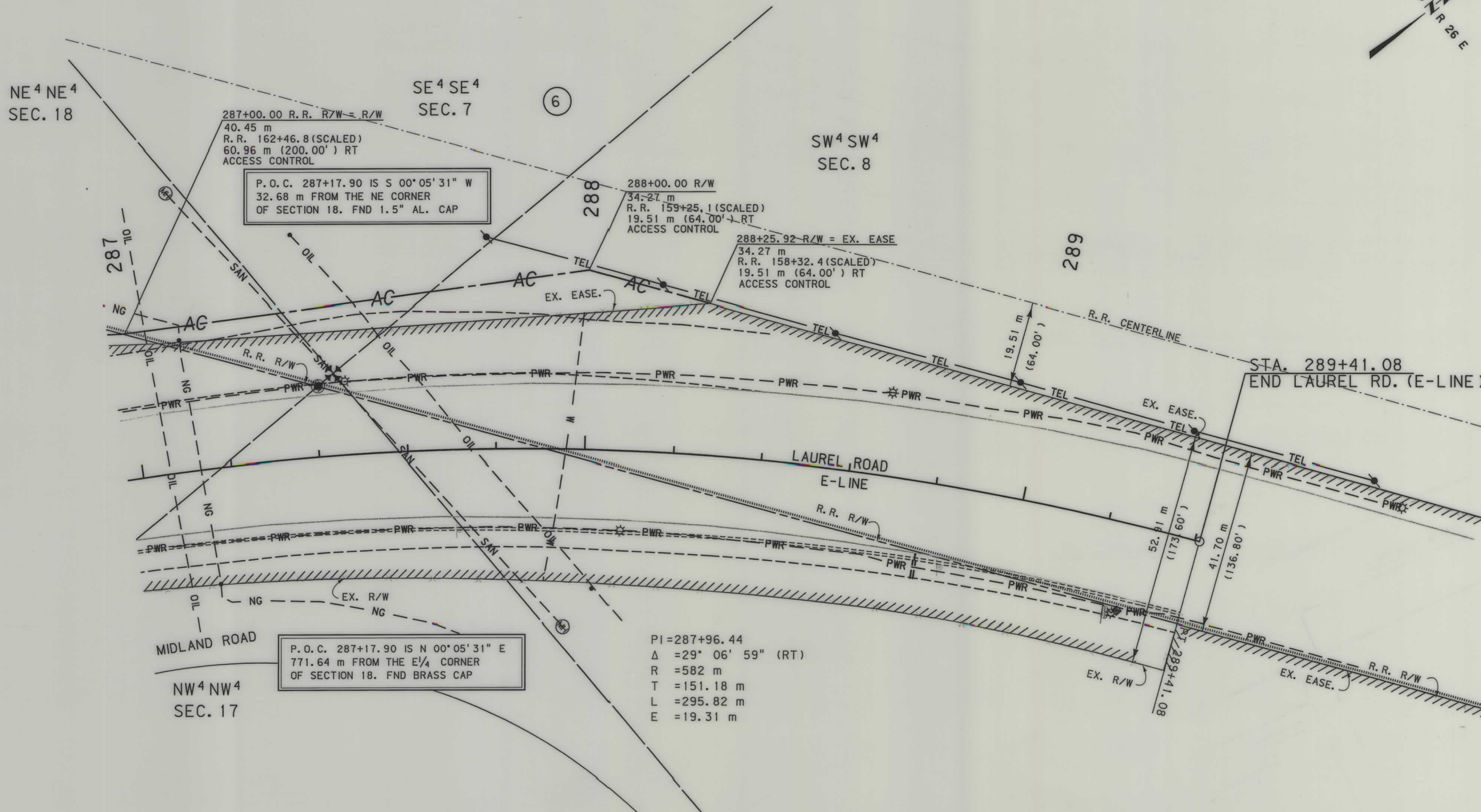
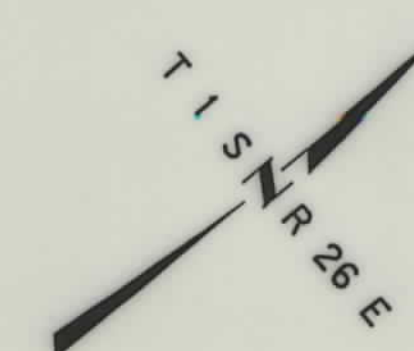
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SEE SHEET NO. 2 FOR OWNERSHIP NAMES, ADDRESSES, AREAS, ETC.

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)



- NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED
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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

0M 25M 50M

MONTANA DEPARTMENT
OF TRANSPORTATION

MONTANA
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MORRISON
MAIER, INC.
An Engineering-Consulting Company

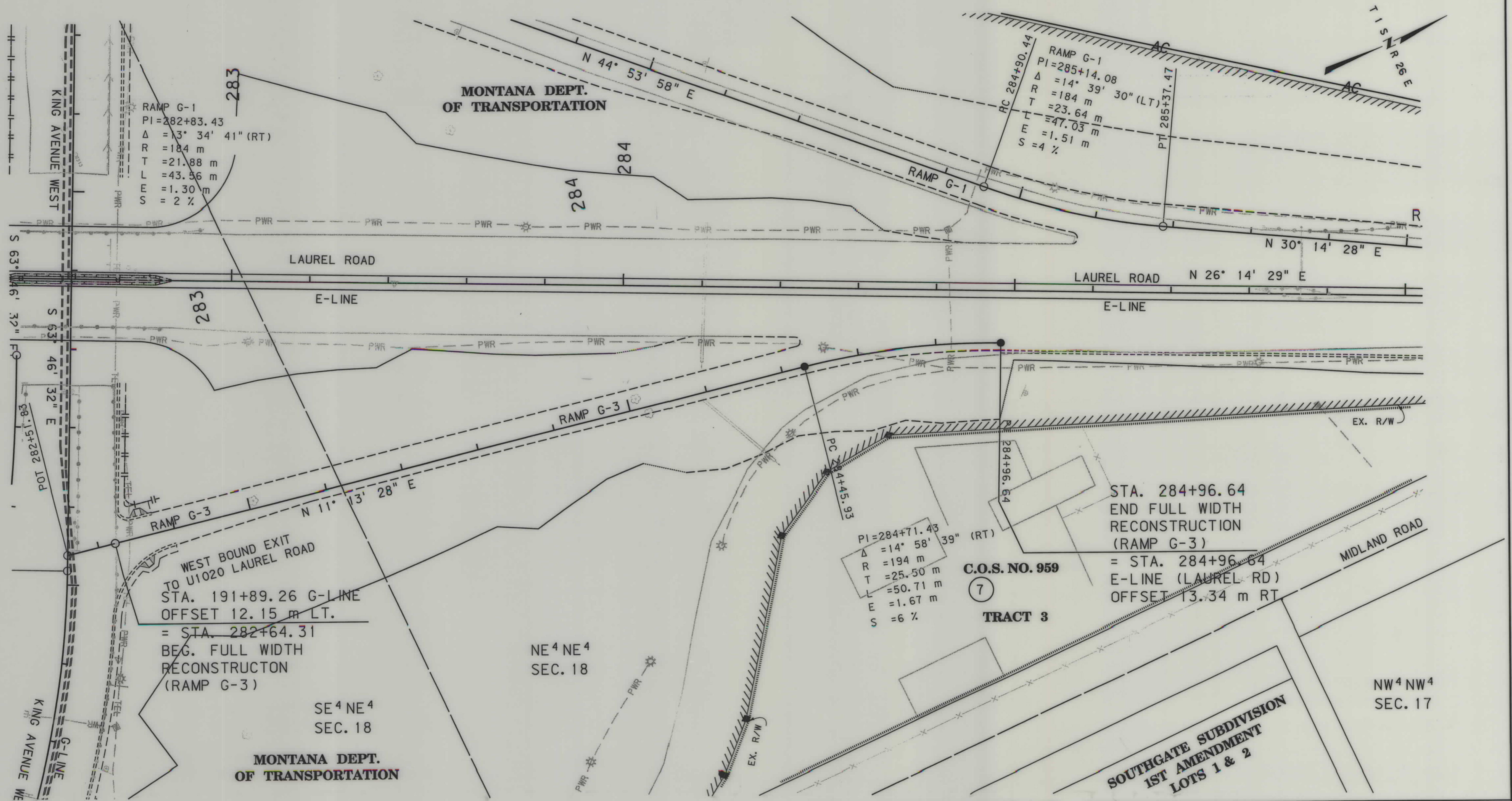
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FOR EXISTING R/W RETRACEMENT, SEE
SEE C.O.S. NO. 3104

BR 1010(5) SHT 10 OF 11

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

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



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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

0M 25M 50M

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

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

MORRISON MAERLE, INC.

RDROW

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BR 1010(5) SHT 11 OF 11