

**PLANS**

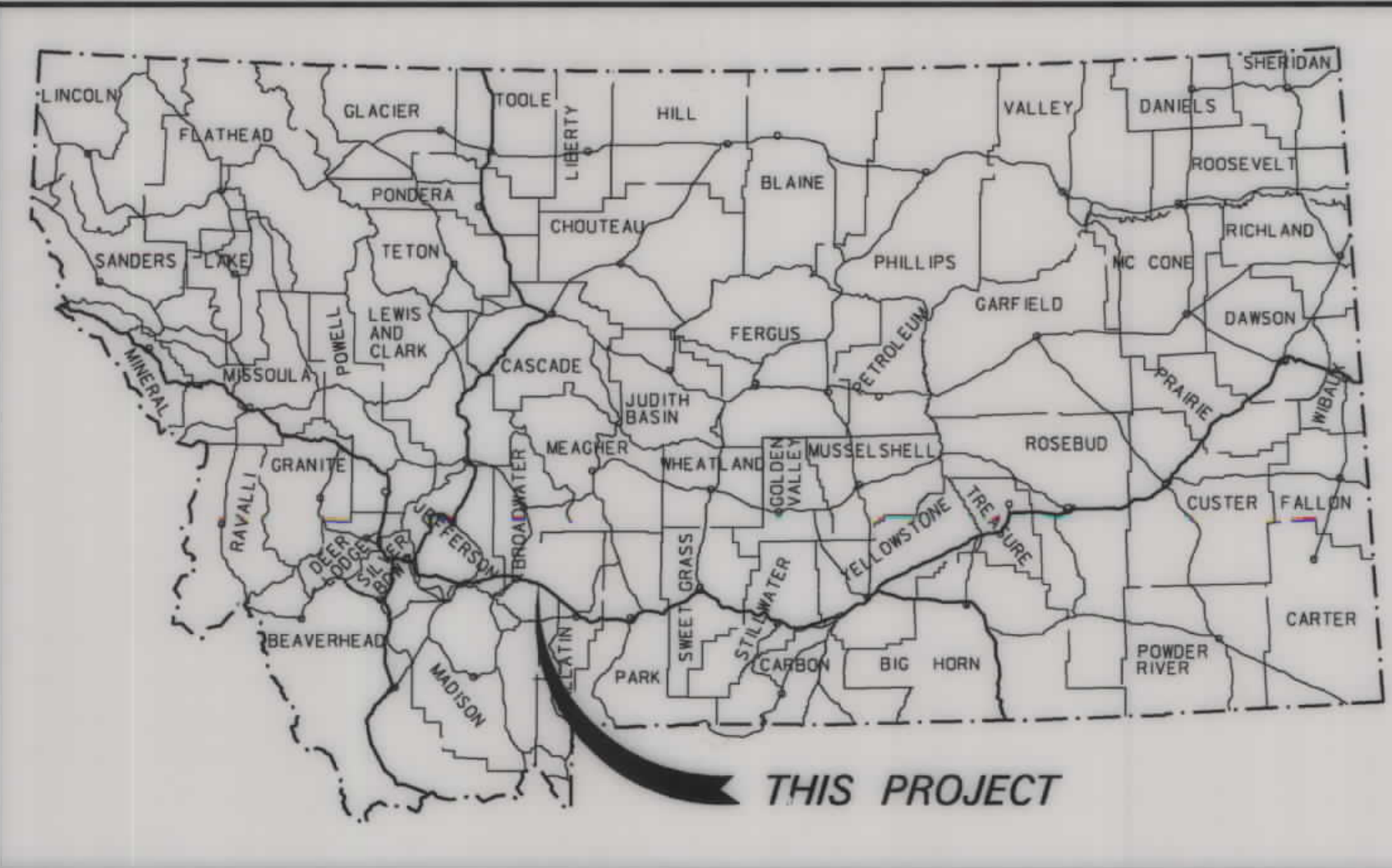
**NOT**

**TO**

**SCALE**

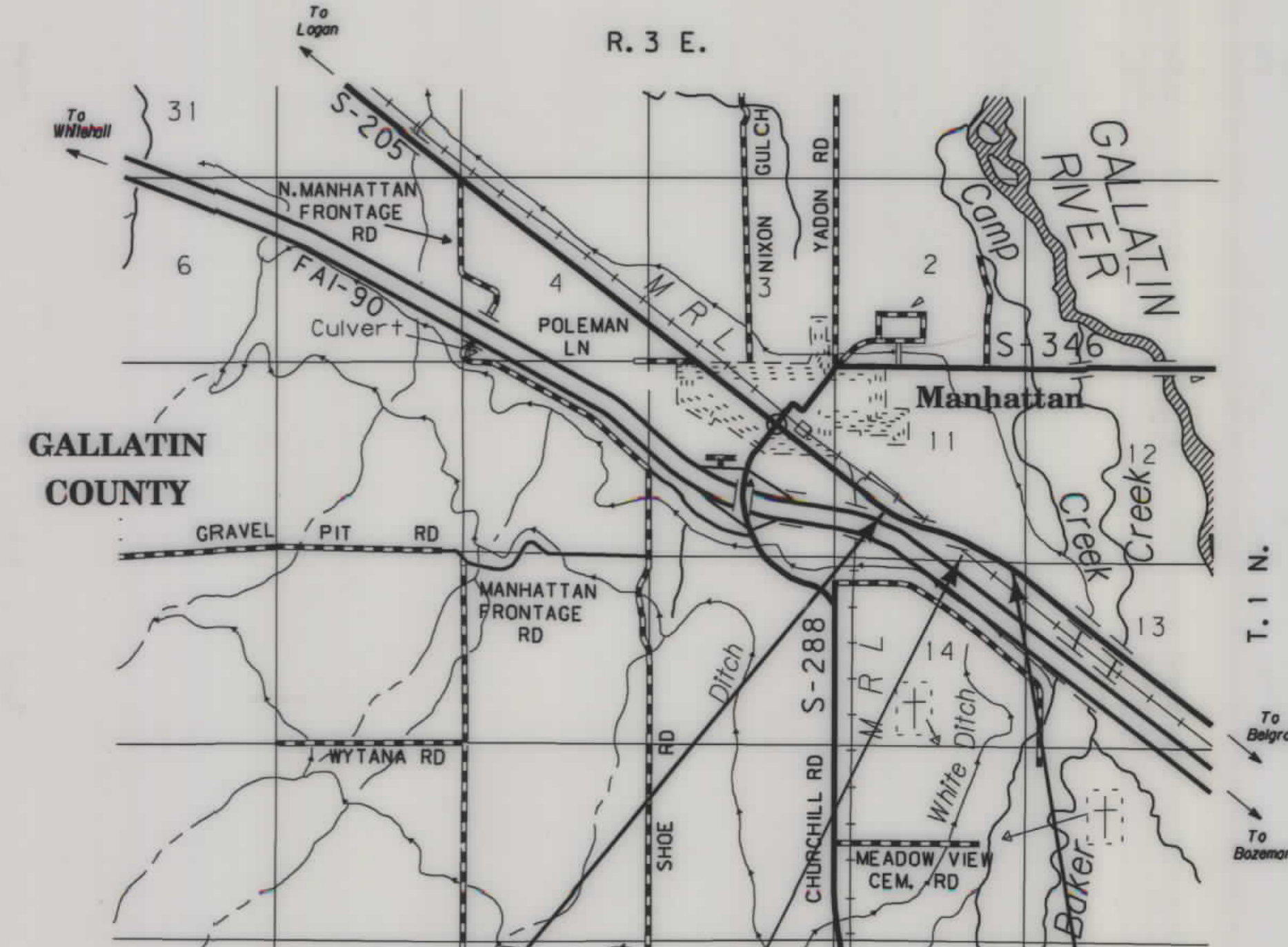
STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 205-1(34)12	1	5
PROJECT NUMBER 4862-034			
STRUCTURES - SE OF MANHATTAN			

# MONTANA DEPARTMENT OF TRANSPORTATION



## RIGHT OF WAY PLAN OF FEDERAL AID PROJECT BR 205-1(34)12 STRUCTURES - SE OF MANHATTAN GALLATIN COUNTY

1.55 Kilometers



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

FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 2402

### GRID STATE PLANE COORDINATES

THIS IS A STATE PLANE COORDINATE PROJECT. ALL DIMENSIONS, DISTANCES AND AREAS ON THIS PROJECT ARE GRID, EXCEPT FOR THE EXISTING R/W WIDTH DIMENSION, WHICH IS RECORD. THE COMBINATION SCALE FACTOR IS 0.99939620

NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED

### 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.- PROPOSED



ASSOCIATED PROJECT ID.
BR 205-1(25)12 PE BR 205-1(30)12 CONST.

RELATED PROJECTS
FACH 82-A(2) I-IG-90-6(4)275 I-IG-90-6(3)287

STA. 14+76.4 (ENGLISH) P.O.T.  
ON NRH 82-A =

STA. 4+50.00 (METRIC) P.O.T.  
BEGIN BR 205-1(25)12

STA. 12+75.94  
NEW OVERPASS BRIDGE  
(MRL RAILROAD)  
12.64 m X 113.93 m

STA. 19+80.00 (METRIC) P.O.T.  
END BR 205-1(25)12

STA. 64+63.8 (ENGLISH) P.O.T.  
ON NRH 82-A

THIS CONTRACT  
RP 11.43 TO RP 12.39

RDROW

MONTANA  
CADD

3  
2

FHWAMDT APPROVAL	8-10-07
MAP REVISED	

MONTANA DEPARTMENT OF TRANSPORTATION

MONTANA CADD

RDROW

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7/18/2008  
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NIPS - U0250

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	LEFT		RIGHT		METRIC	ENGLISH	METRIC	ENGLISH			
									METRIC	ENGLISH	METRIC	ENGLISH							
1	MONTANA RAIL LINK	PO BOX 8779 MISSOULA, MT 59708	64.750+ hd	160.00+ AC	0.990 hd	2.45 AC			0.990 hd	2.45 AC					0.219 hd	0.54 AC	0.503 hd	1.24 AC	3, 4, 5
2	JAMES C. & CAROL E. SUTTON	5028 JUSTIN LN., BOZEMAN, MT 59715-9332			FOR NEGOTIATIONS ONLY														3
3	THE SNOWY RIVER COMPANY, ETAL	3825 VALLEY COMMONS DR, SUITE 4, BOZEMAN, MT 59718	18.047 hd	44.594 AC	1.312 hd	3.24 AC			1.312 hd	3.24 AC			16.735 hd	41.354 AC					3, 4
4	BARRY T. & PAM K. McDONALD	11733 FRONTAGE RD., MANHATTAN, MT 59741-8022			FOR NEGOTIATIONS ONLY														3, 4
5	KEITH A. & EVELYN VAN DYKE, ETAL	3950 LEE RD., MANHATTAN, MT 59741-8537			1.837 hd	4.54 AC	0.147 hd	0.36 AC	1.690 hd	4.18 AC						0.265 hd	0.65 AC		4, 5
6	PERKS CANAL COMPANY C/O JAMES SUTTON, PRESIDENT	3950 LEE RD., MANHATTAN, MT 59741-8537			FOR NEGOTIATIONS ONLY														4, 5

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 205-1(34)12	2	5
PROJECT NUMBER 4862-034			
STRUCTURES - SE OF MANHATTAN			
RIGHT-OF-WAY COORDINATE ASCII FILES			
R/W BREAK COORDS: 4862ROBRK001.TXT			
R/W BASELINE COORDS: 4862ROBAS001.TXT			
ALL FILES ARE LOCATED ON THE CADD SERVER IN THE RO DIRECTORY, UNDER PROJECT: 4862			

**GRID STATE PLANE COORDINATES**

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FOR EXISTING R/W RETRACEMENT, SEE CERTIFICATE OF SURVEY NO. 2402

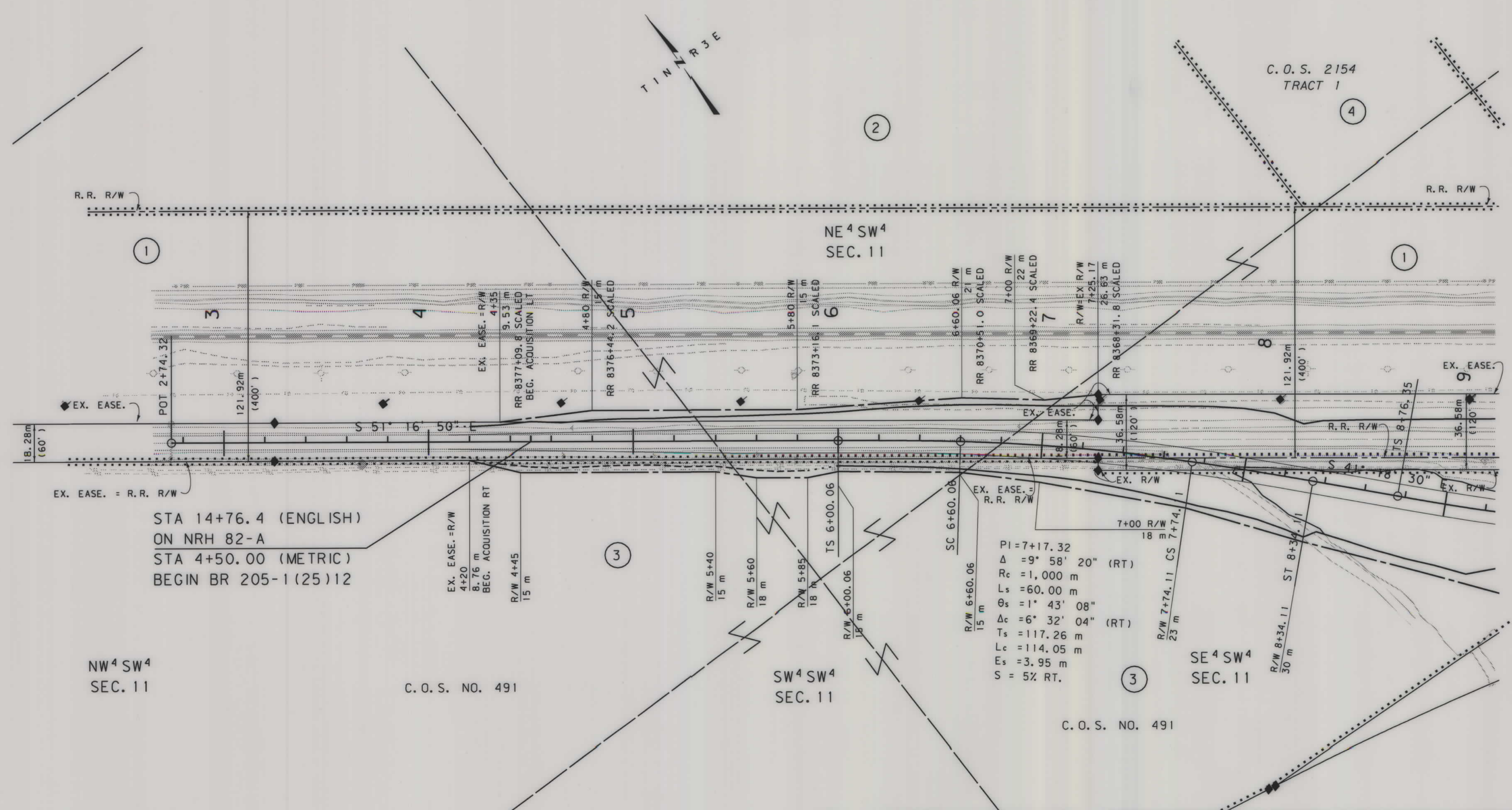
- NOTES: 1. ALL MEASUREMENTS ARE METRIC EXCEPT AS NOTED  
 2. THE PROPOSED R/W LINE WHERE A SPIRAL CURVE TRANSITION IS USED IS A CHORD RATHER THAN A CONCENTRIC CURVE.  
 3. THE ENGLISH AREAS ARE FOR INFORMATIONAL PURPOSES ONLY.  
 4. ALL STATIONS AND OFFSETS FOR R/W BREAKS ARE IN REFERENCE TO THE R/W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

BACKSLOPE LIMITS INCLUDE ROUNDING	CONSTRUCTION LIMITS:
	CUT SECTION TOE OF FILL
FHWA/DOT APPROVAL	8-10-07
MAP REVISED	4-2-08 4-15-08 7-7-08

MONTANA DEPARTMENT OF TRANSPORTATION  
 RIGHT OF WAY PLAN  
 GALLATIN COUNTY

STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 205-1(34)12	3	5
PROJECT NUMBER 4862-034		STRUCTURES - SE OF MANHATTAN	

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



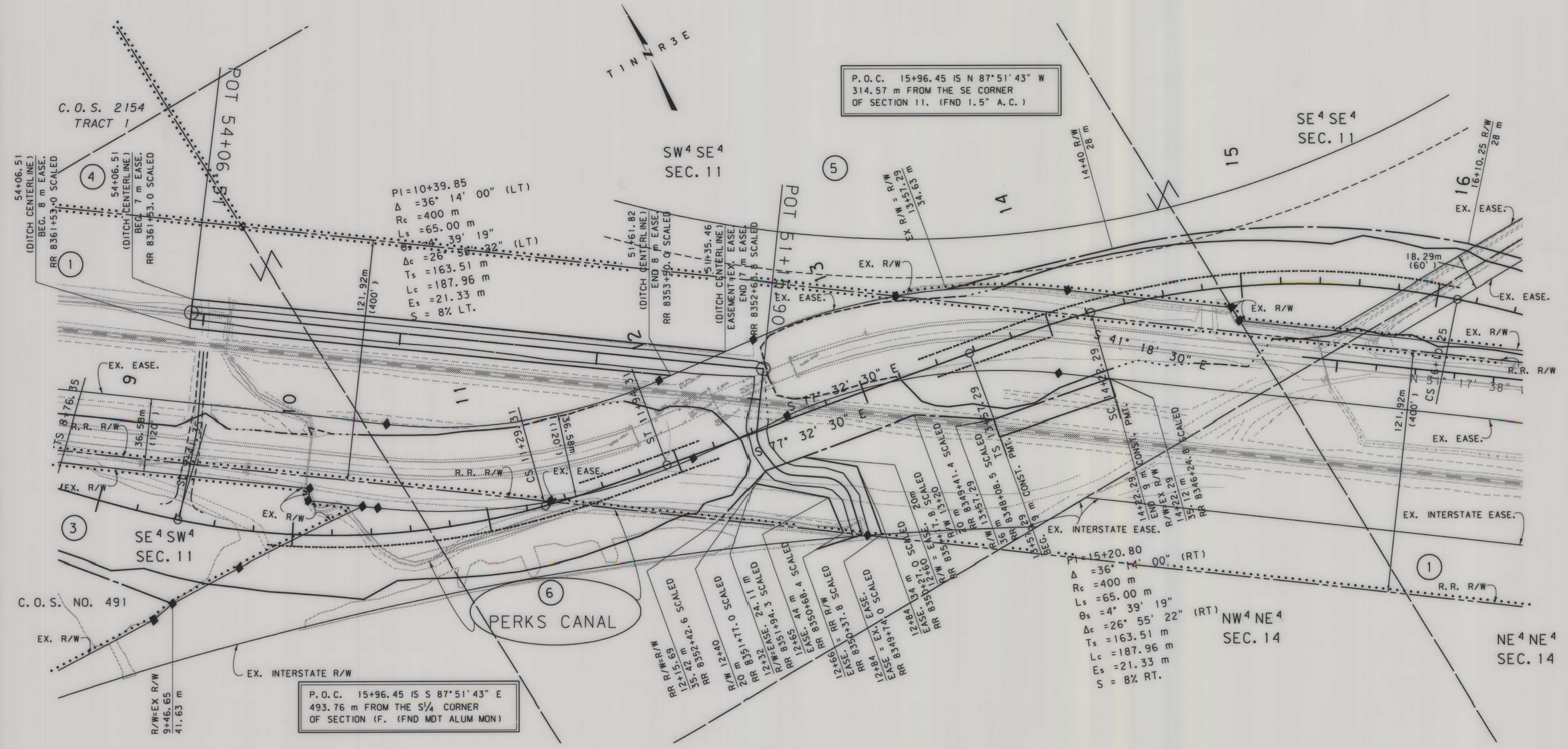
STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 205-1(34)12	4	5
PROJECT NUMBER 4862-034		STRUCTURES - SE OF MANHATTAN	

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



RDROW

4862-034-001.dwg  
7/27/2008  
12:16:30 PM  
CPS - U0250



P.O.C. 15+96.45 IS N 87°51'43" W  
314.57 m FROM THE SE CORNER  
OF SECTION 11. (FND 1.5" A.C.)

P.O.C. 15+96.45 IS S 87°51'43" E  
493.76 m FROM THE S¼ CORNER  
OF SECTION 11. (FND MDT ALUM MON)

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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 8-10-07  
MAP REVISED 4-2-08 4-15-08 7-7-08

MONTANA DEPARTMENT OF TRANSPORTATION  
RIGHT OF WAY PLAN  
GALLATIN COUNTY  
SCALE 1:1000

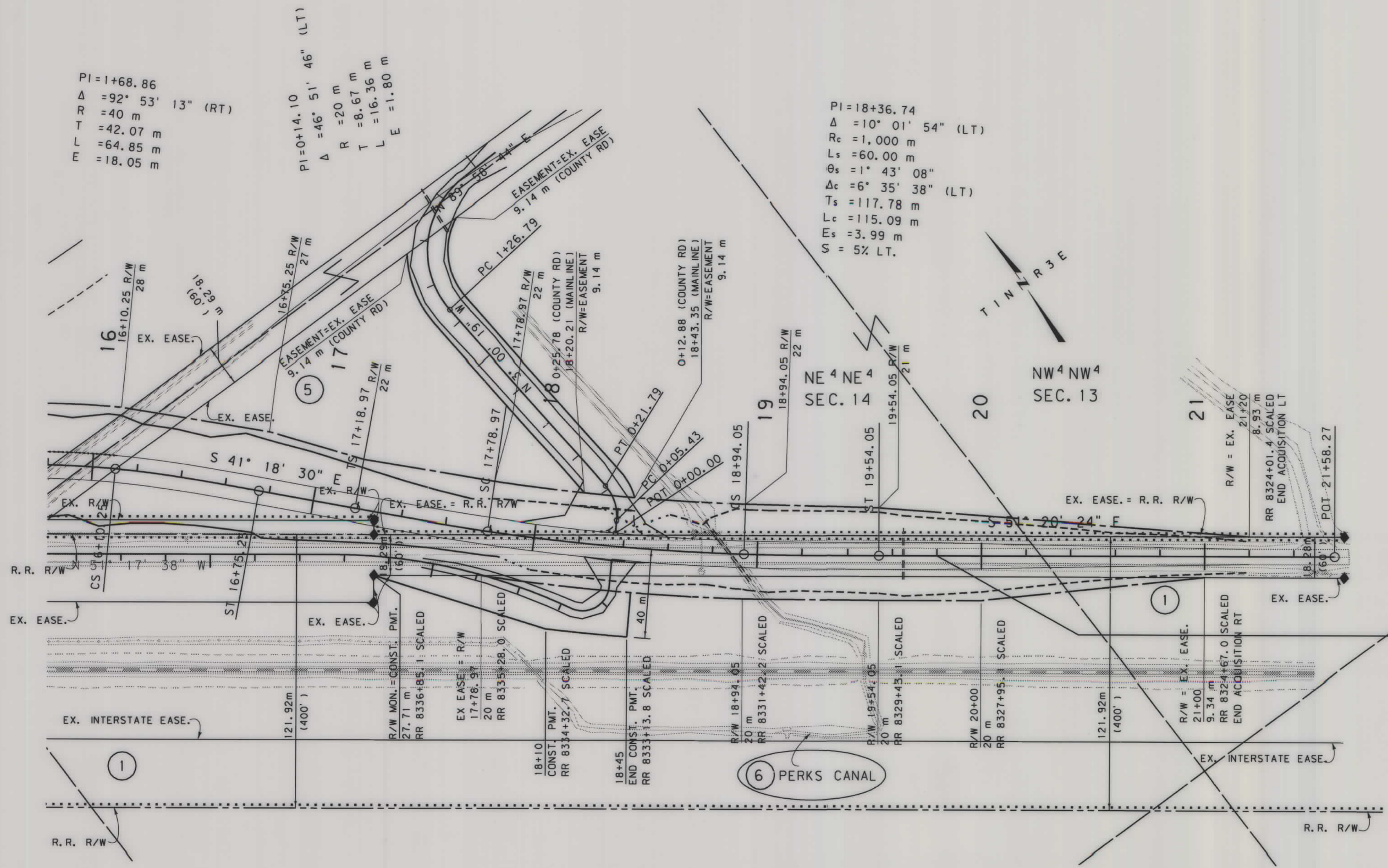
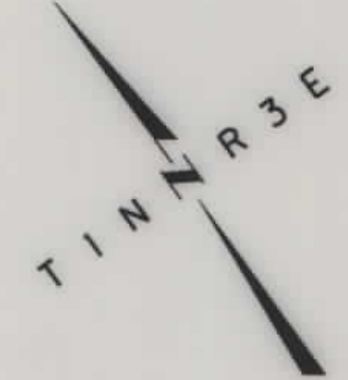
STATE	RIGHT OF WAY ID.	SHEET NO.	TOTAL SHEETS
MONTANA	BR 205-1(34)12	5	5
PROJECT NUMBER 4862-034			
STRUCTURES - SE OF MANHATTAN			

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

PI=1+68.86  
 $\Delta = 92^\circ 53' 13''$  (RT)  
 R = 40 m  
 T = 42.07 m  
 L = 64.85 m  
 E = 18.05 m

PI=0+14.10  
 $\Delta = 46^\circ 51' 46''$  (LT)  
 R = 20 m  
 T = 8.67 m  
 L = 16.36 m  
 E = 1.80 m

PI=18+36.74  
 $\Delta = 10^\circ 01' 54''$  (LT)  
 R<sub>c</sub> = 1,000 m  
 L<sub>s</sub> = 60.00 m  
 $\theta_s = 1^\circ 43' 08''$   
 $\Delta_c = 6^\circ 35' 38''$  (LT)  
 T<sub>s</sub> = 117.78 m  
 L<sub>c</sub> = 115.09 m  
 E<sub>s</sub> = 3.99 m  
 S = 5% LT.



STA 19+80.00 (METRIC)  
 END BR 205-1(25)12  
 STA 64+63.8 (ENGLISH)  
 ON NRH 82-A

SW<sup>4</sup>NW<sup>4</sup>  
 SEC. 13



RDROW

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BACKSLOPE LIMITS INCLUDE ROUNDING	CONSTRUCTION LIMITS:
	CUT SECTION TOE OF FILL
FHWA/DOT APPROVAL	8-10-07
MAP REVISED	4-2-08 7-7-08 8-1-08

MONTANA  
 DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLAN  
 GALLATIN COUNTY  
 SCALE 1:1000

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