

PLANS
NOT
TO
SCALE

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONT.		I-90-5(3)231	8905-03	1	27

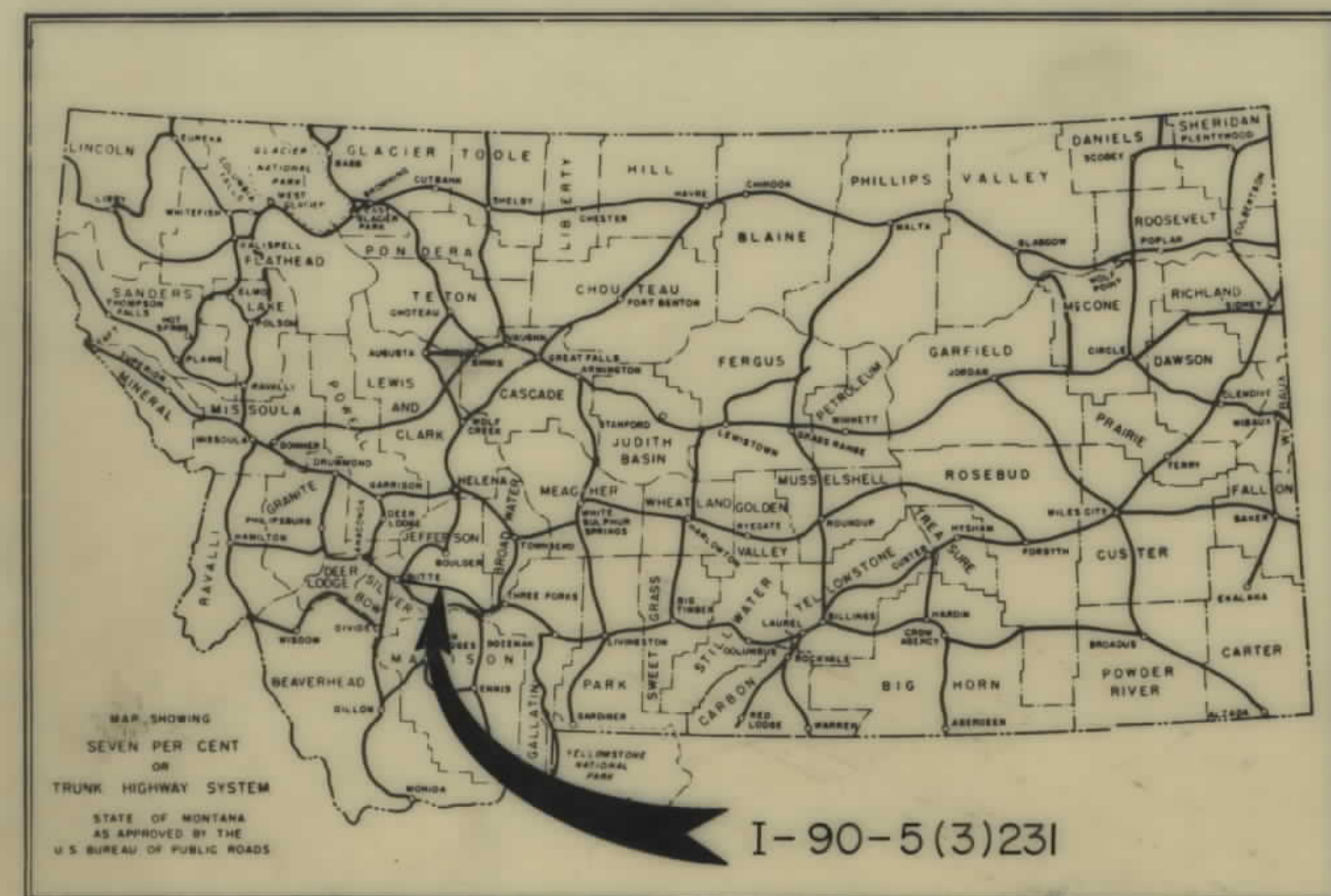
STATE OF MONTANA

STATE HIGHWAY COMMISSION

HOMESTAKE EAST

&

PIPESTONE—WEST



RIGHT OF WAY PLAN OF

FEDERAL AID PROJECT NO. I-90-5(3)231 R/W
I-90-5()231 CONST.

SILVER BOW CO. LINE—PIPESTONE

HOMESTAKE EAST SECTION

PIPESTONE WEST SECTION

9.015 MILES

CONVENTIONAL SIGNS

STATE AND NATIONAL LINE.....	=====
COUNTY LINE.....	=====
CITY, VILLAGE OR BOROUGH LINE.....	=====
TOWNSHIP LINE.....	=====
SECTION LINE.....	=====
RESERVATION LINE.....	=====
FENCE LINE.....	=====
GUARD RAIL.....	=====
OWNERSHIP BOUNDARY.....	=====
RIGHT OF WAY LINE.....	=====
RIGHT OF WAY LINE FENCED.....	=====
TRAVELED WAY.....	=====
RAILROADS.....	=====
RETAINING WALLS.....	=====
BASE OR SURVEY LINE.....	=====
LEVEE.....	=====
CULVERTS IN PLACE (PLAN).....	=====
NEW CULVERTS (PLAN).....	=====
NEW CULVERTS (PROFILE).....	=====
TROLLEY POLE.....	=====
POWER POLE.....	=====
TELEPHONE OR TELEGRAPH POLE.....	=====
MARSH.....	=====
DITCH.....	=====
RIPRAP.....	=====
BRIDGE.....	=====
SECTION CORNER.....	=====
1/4 SECTION CORNER.....	=====
1/16 CORNER.....	=====
CENTER OF SECTION.....	=====
CONTROL OF ACCESS WITH FENCE.....	=====
CONTROL OF ACCESS WITHOUT FENCE.....	=====
PARCEL NUMBER.....	=====
CATTLE GUARD.....	=====
GATE IN FENCE.....	=====
CONSTRUCTION LIMITS.....	=====

STA. 331+33.1 BEG. I-90-5(3)231 R/W

STA. 331+33.1 END I-90-4(5)226R/W

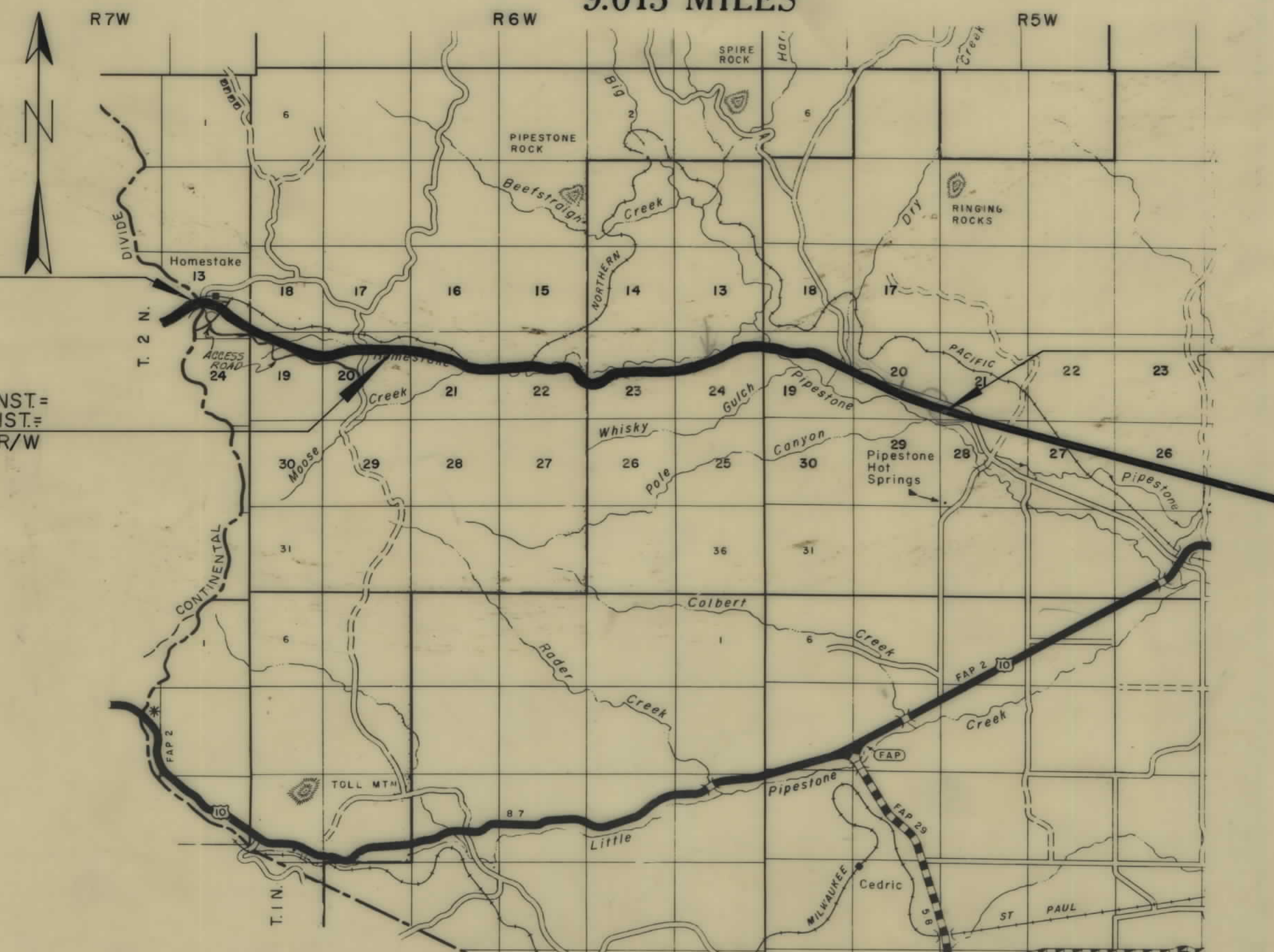
STA. 451+13.5 BK. END I-90-5()CONST.=

TA. 450+89.4 AH. BEG. I-90-5()CONST.=

STA. 450+89.4 ON I-90-5(3)231 R/W

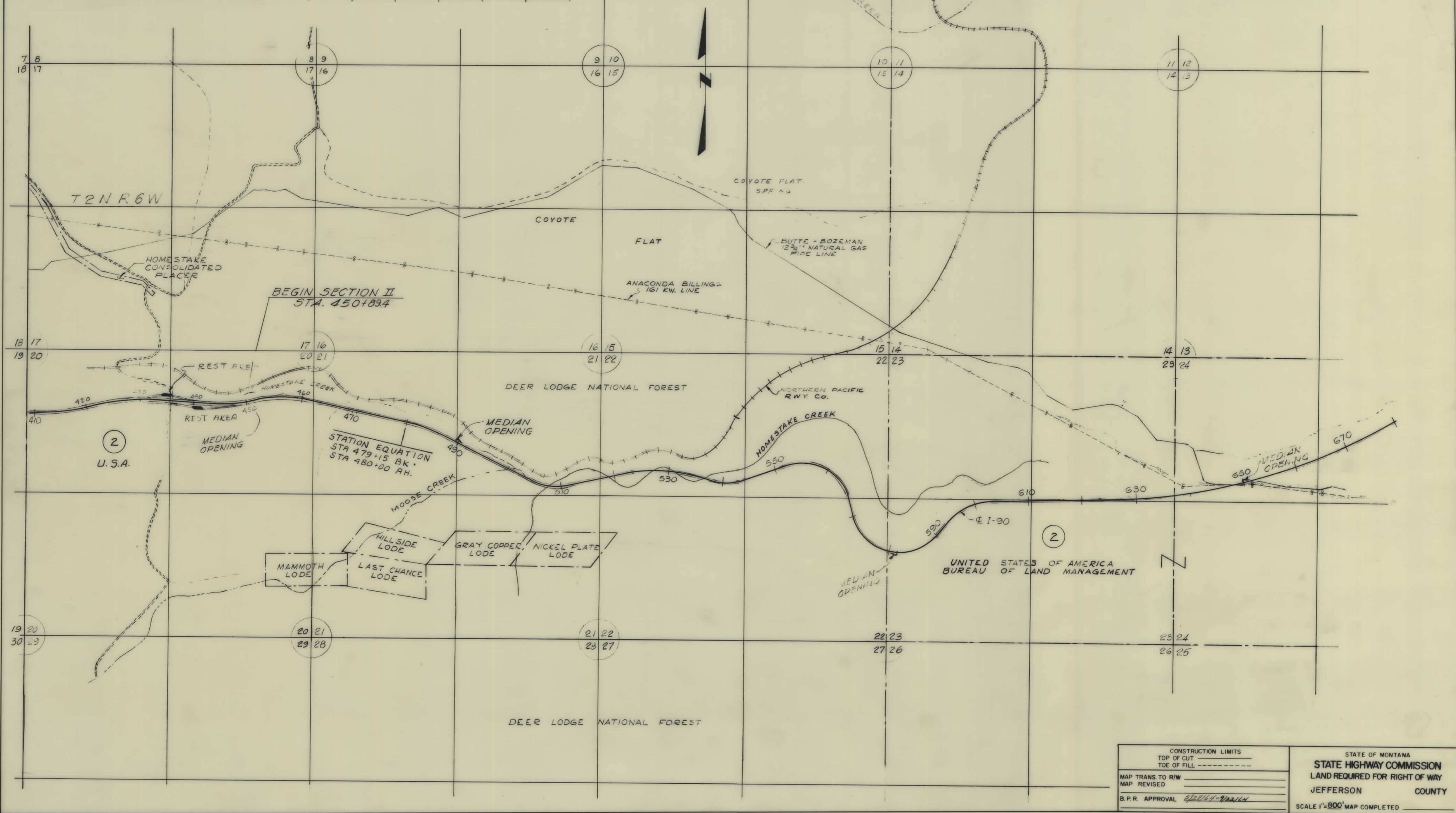
STA. 804+08.7 END I-90-5(3)231=

STA. 804+08.7 BEG. I-90-5(4)241



OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	R.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONT.		I-90-5(3)231	8905-03	3	27

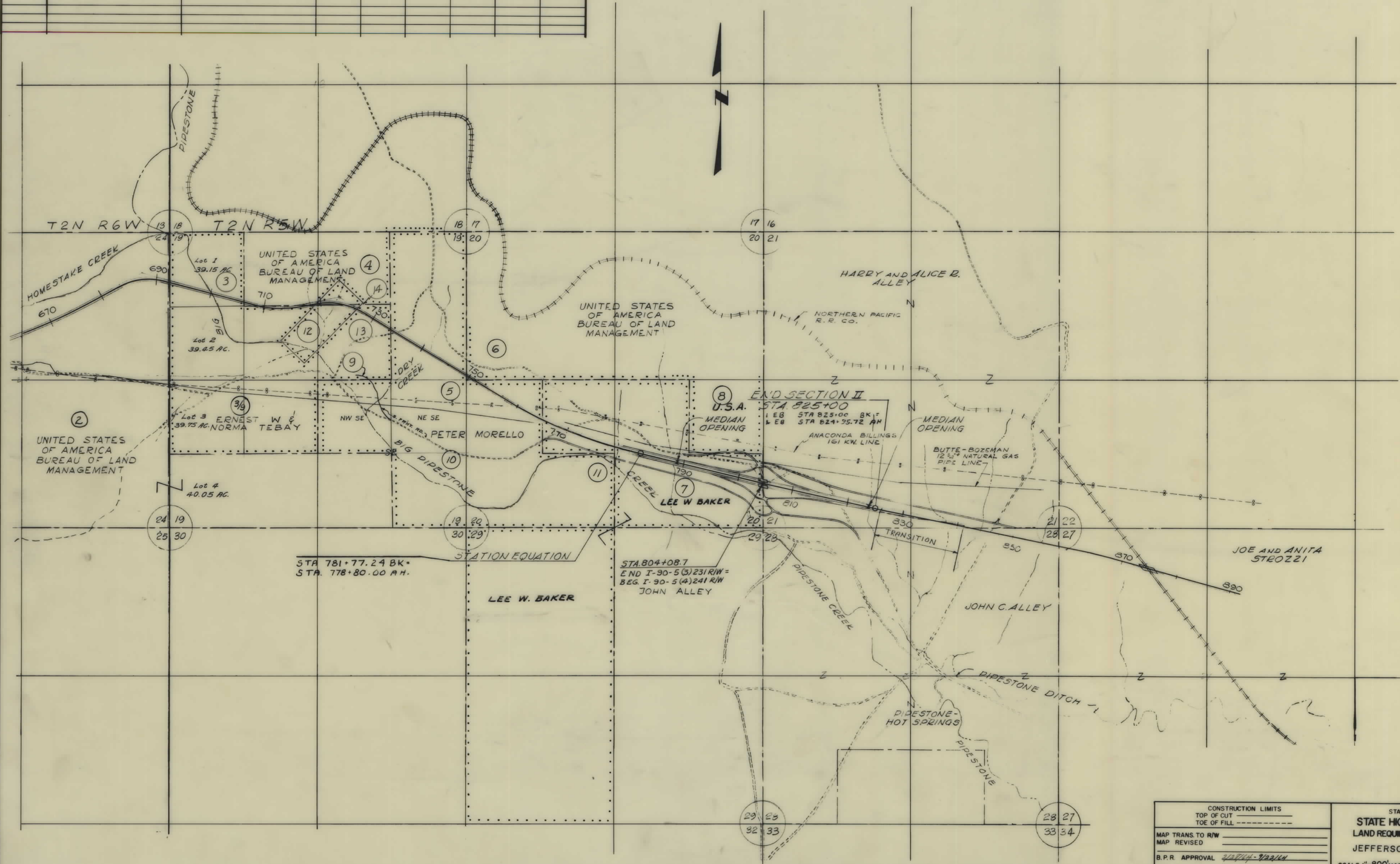


CONSTRUCTION LIMITS TOP OF CUT TOE OF FILL		STATE OF MONTANA STATE HIGHWAY COMMISSION LAND REQUIRED FOR RIGHT OF WAY JEFFERSON COUNTY	
MAP TRANS. TO R/W MAP REVISED		SCALE 1"=800' MAP COMPLETED	
B.P.R. APPROVAL <i>[Signature]</i>			

I 90-5(3)231 SHT 3 OF 28

OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	R.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONT.		I-90-5(3)231	8905-03	4	27



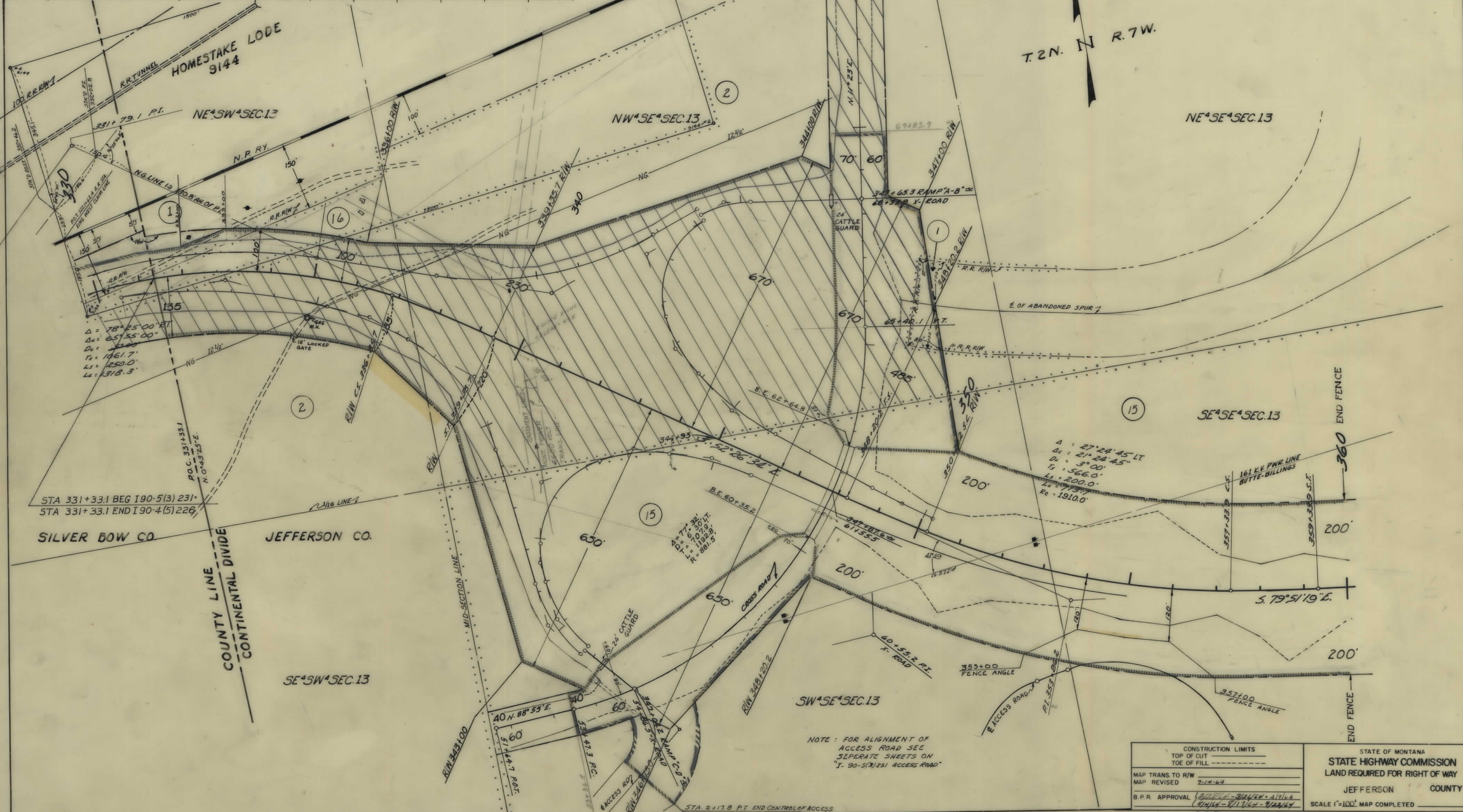
CONSTRUCTION LIMITS	
TOP OF CUT	_____
TOE OF FILL	_____
MAP TRANS. TO R/W	_____
MAP REVISED	_____
B.P.R. APPROVAL	4/27/14 - 7/22/14

STATE OF MONTANA	
STATE HIGHWAY COMMISSION	
LAND REQUIRED FOR RIGHT OF WAY	
JEFFERSON	COUNTY
SCALE 1"=800' MAP COMPLETED _____	

OWNERSHIPS							
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT RIGHT
1	NORTHERN PACIFIC RY. CO.	ST. PAUL, MINN.		* 0.98 AC.		* 0.98 AC.	
2	UNITED STATES OF AMERICA			340.17		340.17	
15	NORTHERN PACIFIC RY. CO.	ST. PAUL, MINN.	80.0	27.13		27.13	12.15 40.72
16	LOUIS J. LUK	HOMESTAKE, MONT.	4.60	0.54		0.54	4.06

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT CONST. NO.	NUMBERS R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.		I-90-5(3)231	8905-03	5	27

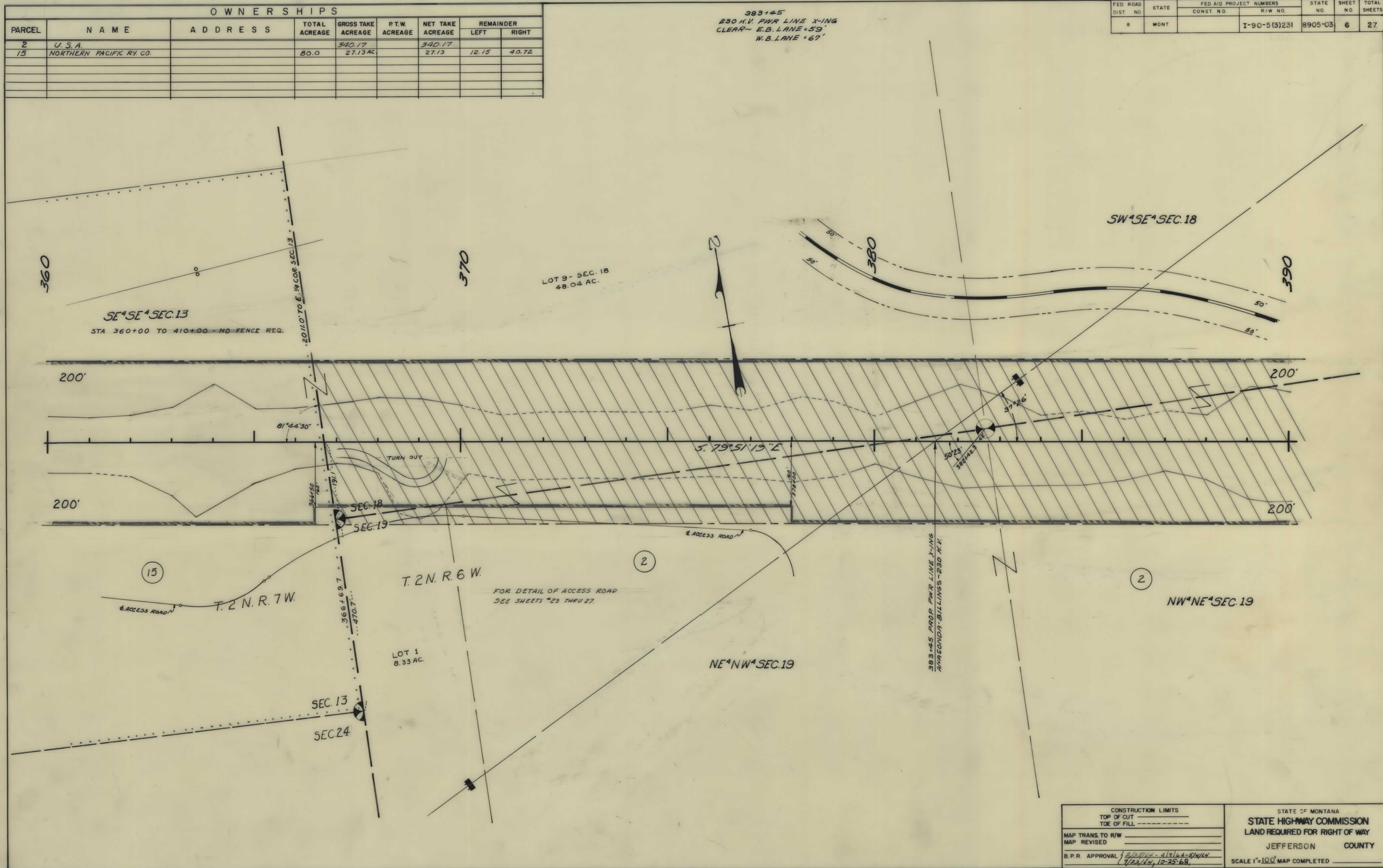
HOMESTAKE EAST



CONSTRUCTION LIMITS TOP OF CUT TOE OF FILL		STATE OF MONTANA STATE HIGHWAY COMMISSION LAND REQUIRED FOR RIGHT OF WAY JEFFERSON COUNTY SCALE 1"=100' MAP COMPLETED	
MAP TRANS TO R/W	7-14-69		
MAP REVISED			
B.P.R. APPROVAL	2-19-74		

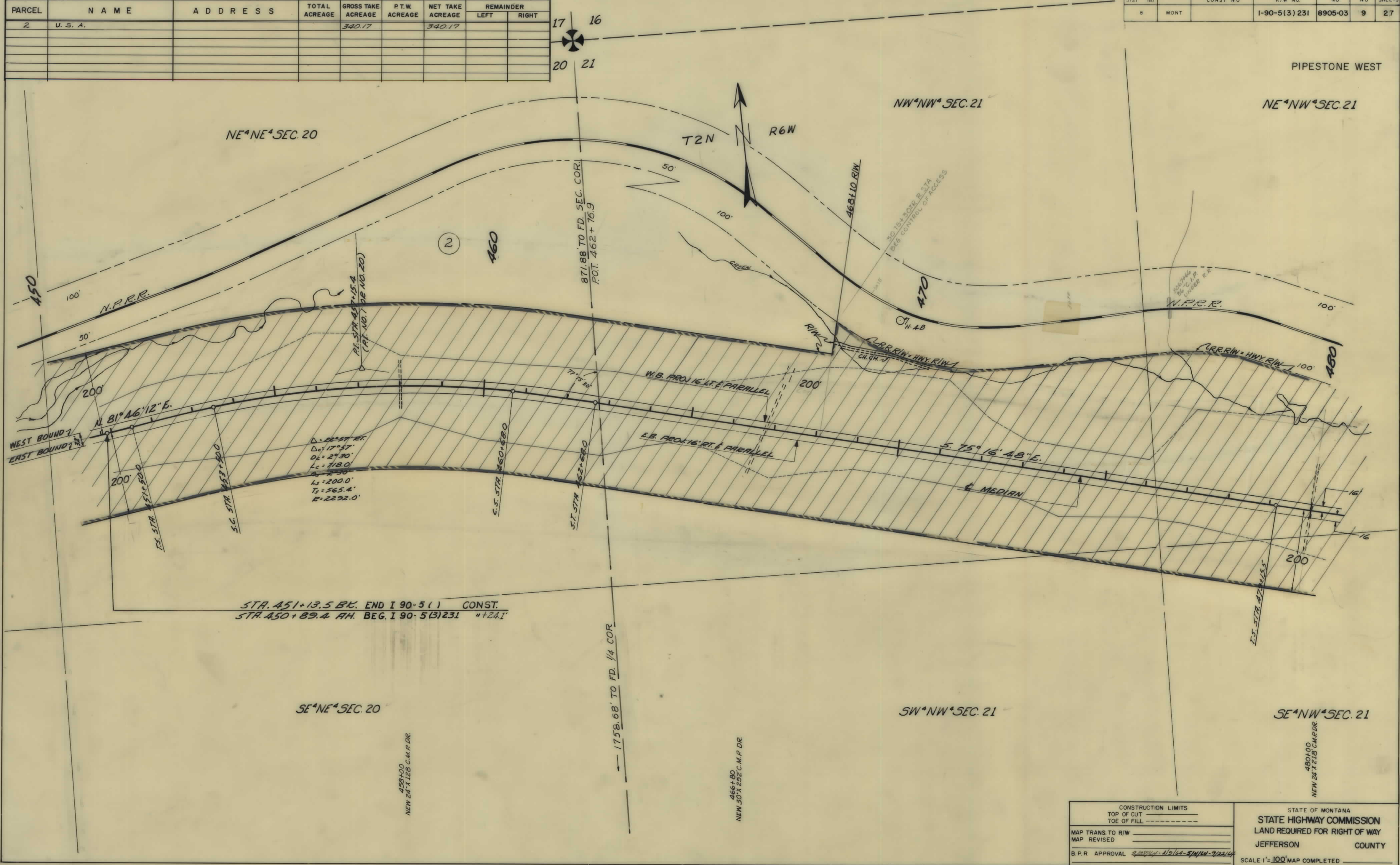
OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT
2	U.S.A.			340.17		340.17		
15	NORTHERN PACIFIC RY. CO.		80.0	27.13 AC.		27.13	12.15	40.72

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.		I-90-5(3)231	8905-03	6



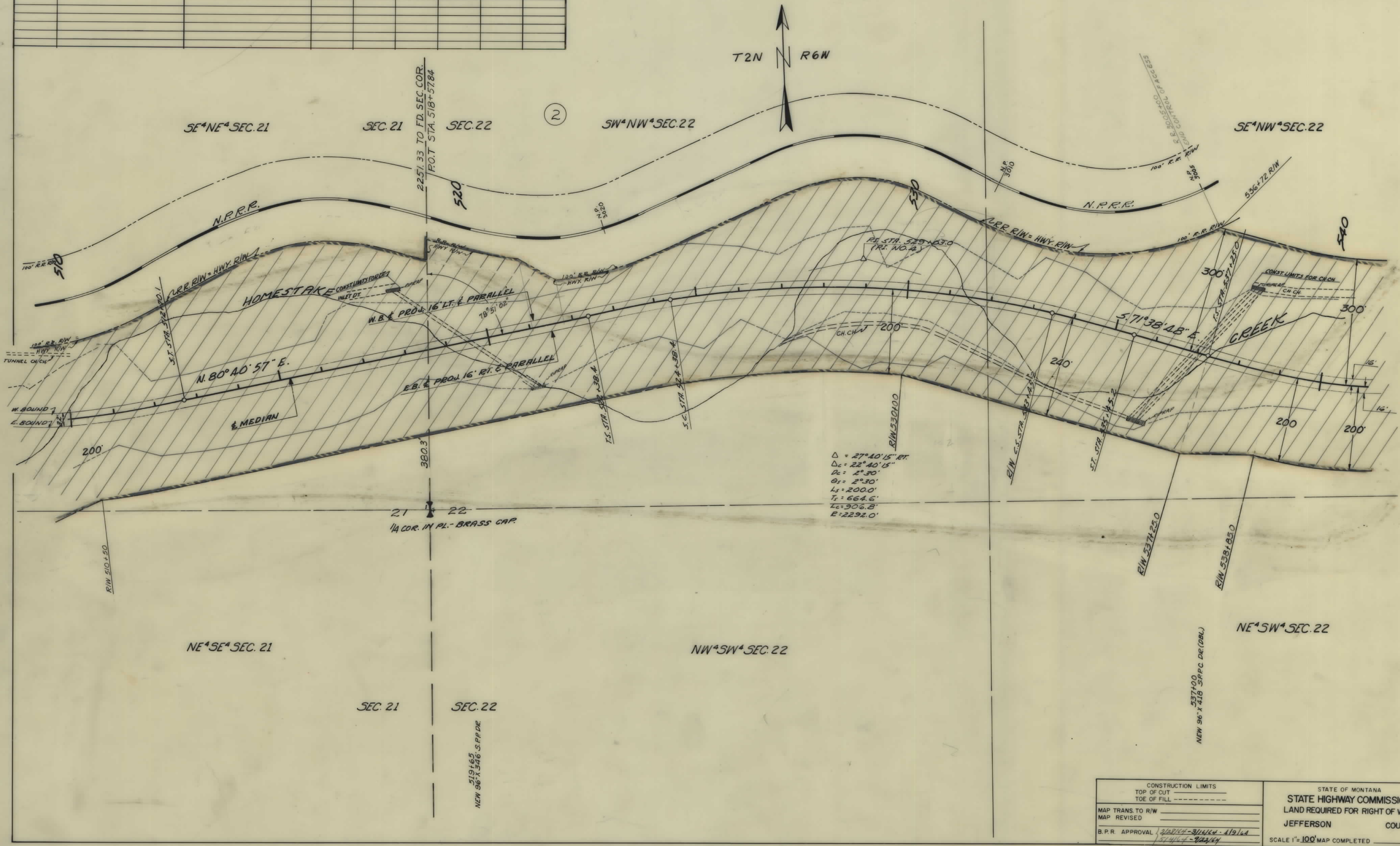
OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	R.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT
2	U. S. A.			340.17		340.17		

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONT.		1-90-5(3) 231	8905-03	9	27



OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT
2	U. S. A.			340.17		340.17		

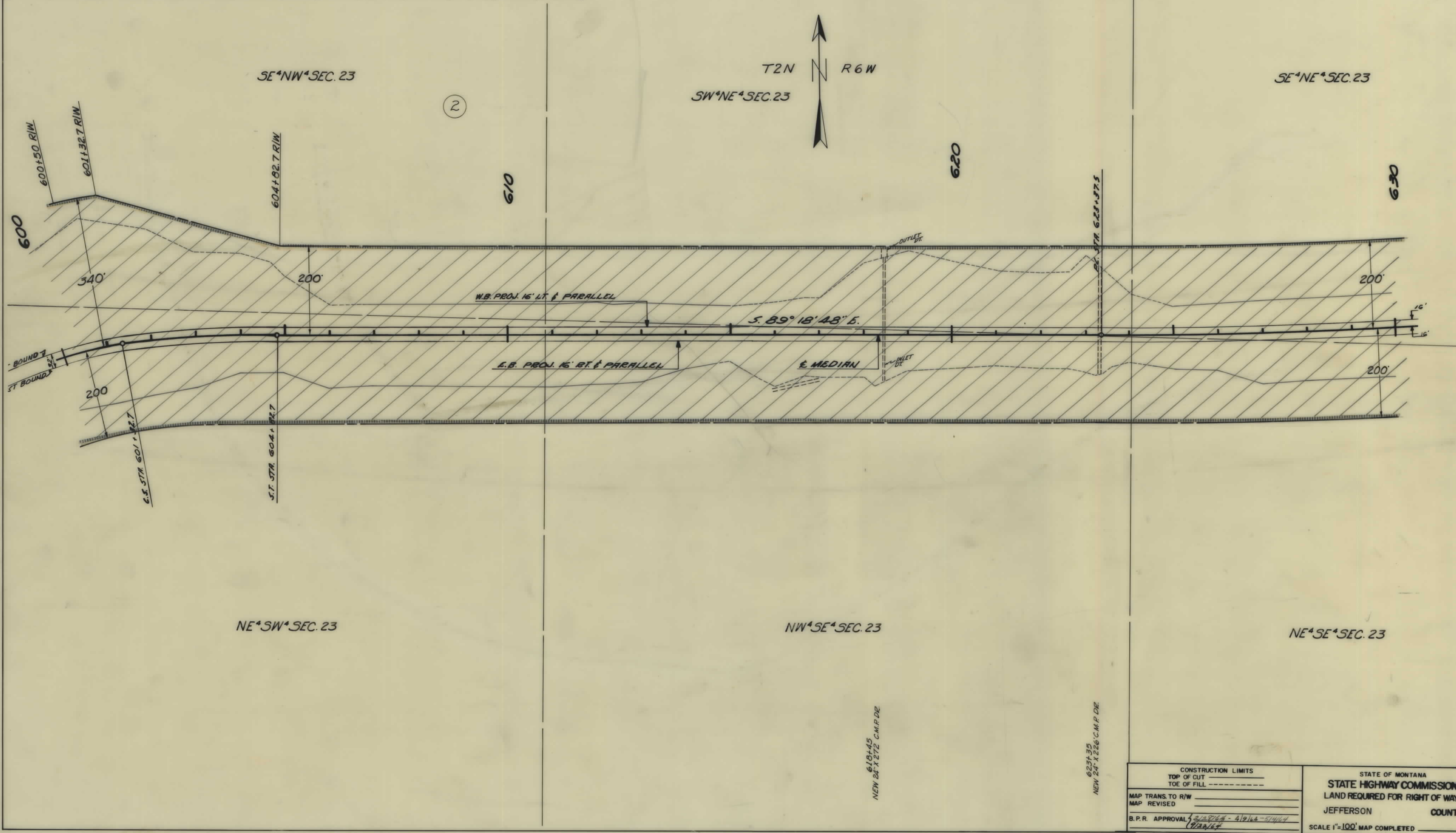
FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	P.W. NO.			
8	MCNT		I-90-5(3)231	8905-03	11	27



CONSTRUCTION LIMITS		STATE OF MONTANA	
TOP OF CUT	_____	STATE HIGHWAY COMMISSION	
TOE OF FILL	_____	LAND REQUIRED FOR RIGHT OF WAY	
MAP TRANS. TO R/W	_____	JEFFERSON COUNTY	
MAP REVISED	_____	SCALE 1"=100' MAP COMPLETED _____	
B.P.R. APPROVAL	3/20/64 - 3/11/64 - 4/19/64 5/14/64 - 7/22/64		

OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT
2	U. S. A.			340.17		340.17		

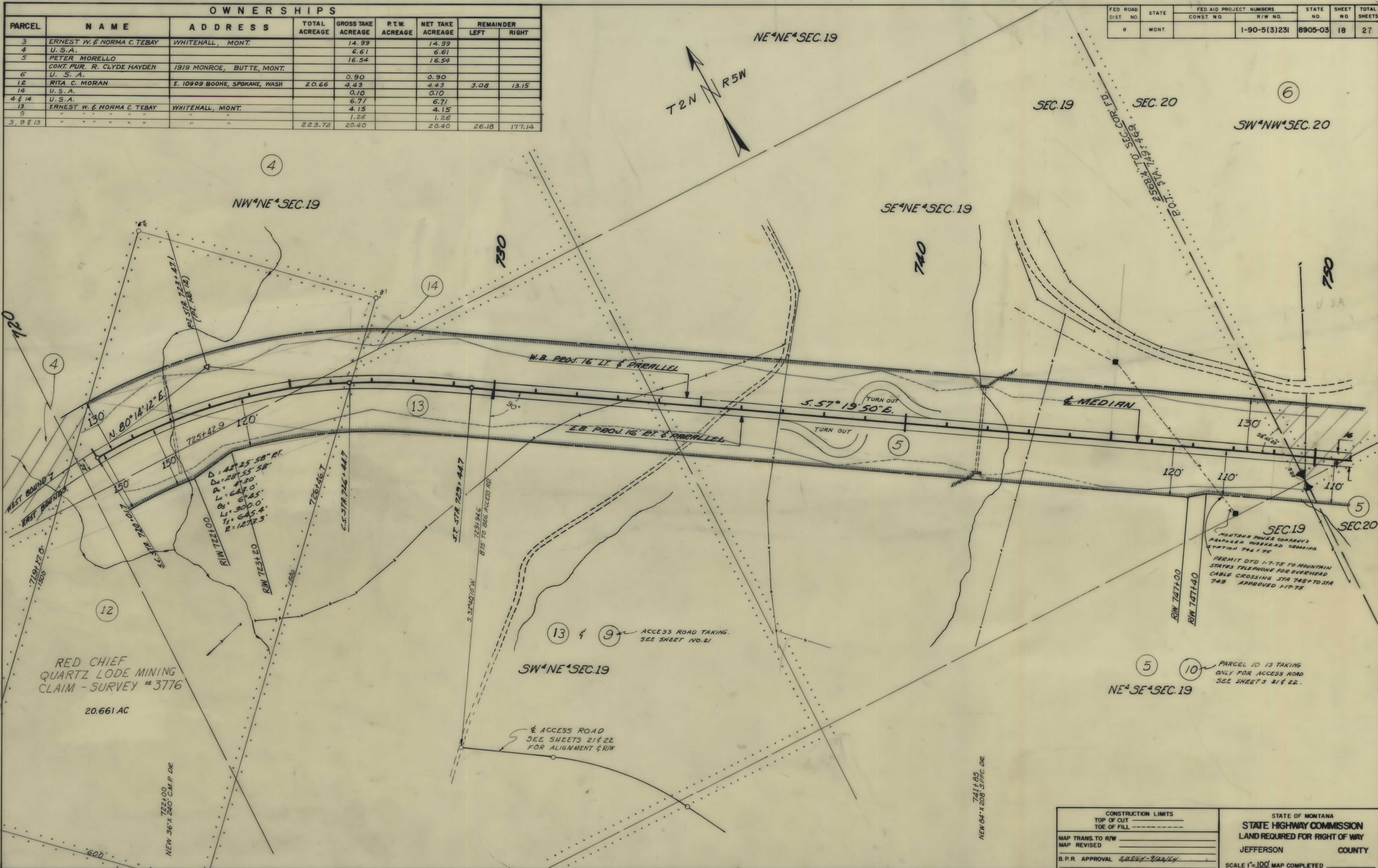
FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	CONSTR. NO.	R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.			1-90-5(3)231	8905-03	14	27



CONSTRUCTION LIMITS TOP OF CUT _____ TOE OF FILL _____		STATE OF MONTANA STATE HIGHWAY COMMISSION LAND REQUIRED FOR RIGHT OF WAY JEFFERSON COUNTY	
MAP TRANS. TO R/W _____ MAP REVISED _____		SCALE 1"=100' MAP COMPLETED _____	
B.P.R. APPROVAL <u>2/28/64 - 4/9/64 - 5/14/64</u> <u>9/22/64</u>			

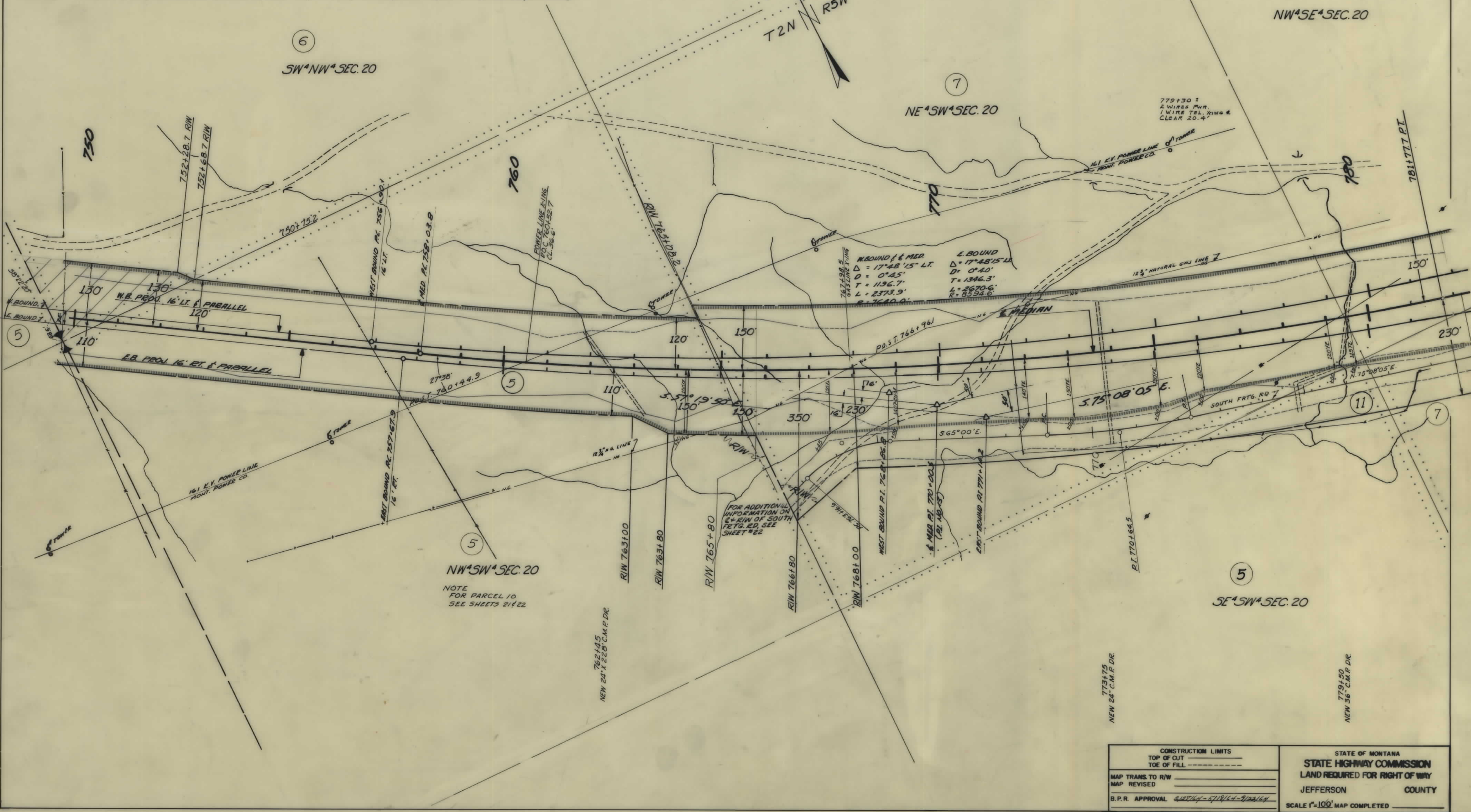
OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	R.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT
3	ERNEST W. & NORMA C. TEBAY	WHITEHALL, MONT.		14.99		14.99		
4	U. S. A.			6.61		6.61		
5	PETER MORELLO			16.54		16.54		
6	CONT. PUR. R. CLYDE HAYDEN	1919 MONROE, BUTTE, MONT.						
12	U. S. A.			0.90		0.90		
14	RITA C. MORAN	E. 10909 BOONE, SPOKANE, WASH.	20.66	4.43		4.43	3.08	13.15
14	U. S. A.			0.10		0.10		
4 & 14	U. S. A.			6.71		6.71		
13	ERNEST W. & NORMA C. TEBAY	WHITEHALL, MONT.		4.15		4.15		
9	" " " " " "	" " " " " "		1.26		1.26		
3, 9 & 13	" " " " " "	" " " " " "	223.72	20.40		20.40	26.18	177.14

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS CONST. NO.	R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.		1-90-5(3)231	8905-03	18	27



OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACRES	GROSS TAKE ACRES	R.T.W. ACRES	NET TAKE ACRES	REMAINDER	
							LEFT	RIGHT
5	PETER MORELLO			16.54		16.54		
	CONT. FOR PUR. R. CLYDE HAYDEN	1919 MONROE, BUTTE, MONT.						
6	U. S. A.			0.90		0.90		
7	LEE W. & MARJORIE BAKER	WHITEHALL, MONT.	480.00	47.34		47.34	59.58	373.08
10	PETER MORELLO	SEE SHEETS 21 & 22	21.22	9.78		9.78		
11	PETER MORELLO			0.71		0.71		
5, 10, 11	PETER MORELLO - CONTR. PUR.	R. CLYDE HAYDEN - BUTTE, MONT.	320.00	27.03		27.03	67.74	225.23

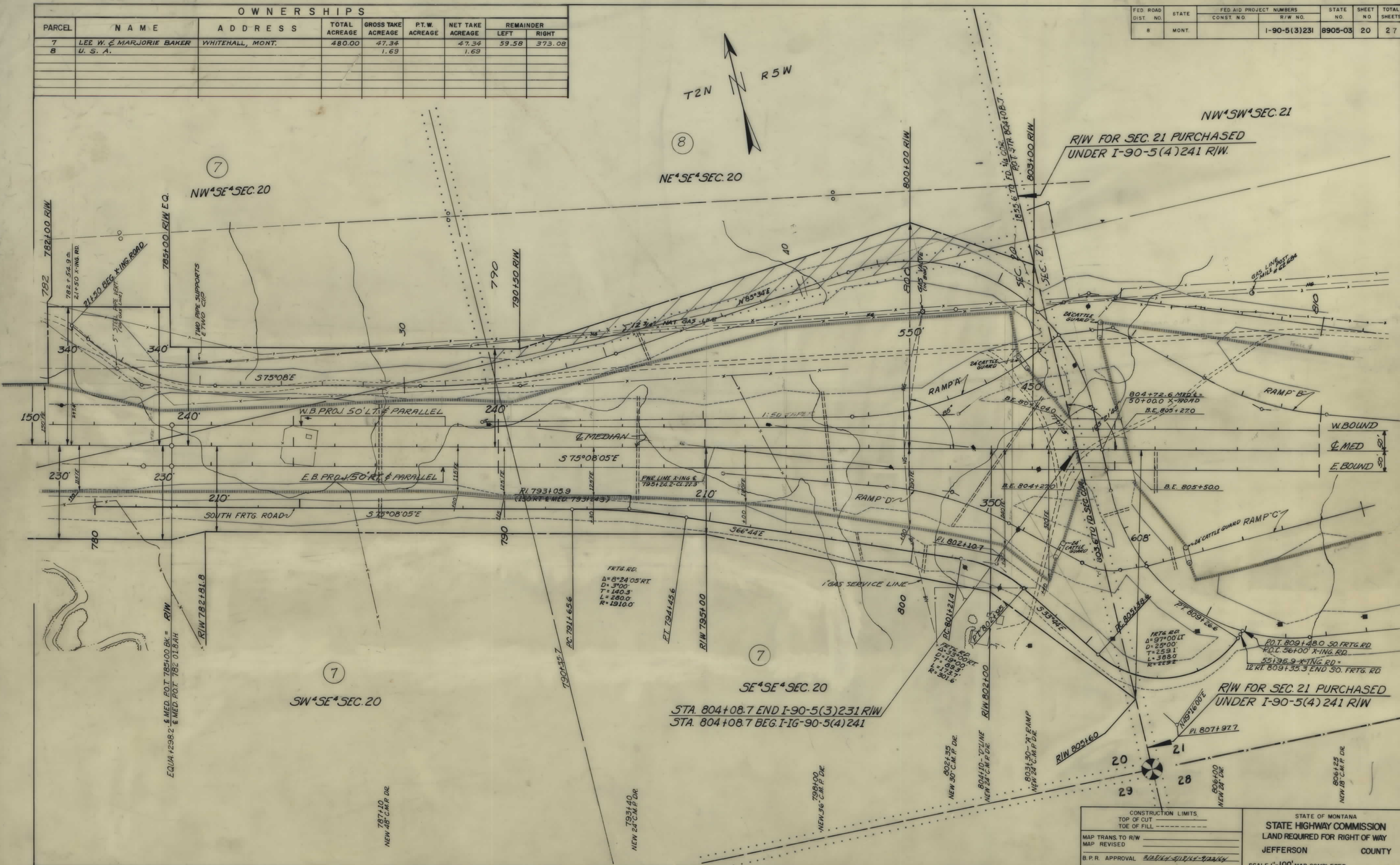
FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.	CONST. NO. R/W NO.	1-90-5(3)231	8905-03	19 27



CONSTRUCTION LIMITS		STATE OF MONTANA	
TOP OF CUT		STATE HIGHWAY COMMISSION	
TOE OF FILL		LAND REQUIRED FOR RIGHT OF WAY	
MAP TRANS. TO R/W		JEFFERSON COUNTY	
MAP REVISED		SCALE 1"=100' MAP COMPLETED	
B.P.R. APPROVAL			

OWNERSHIPS							
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT RIGHT
7	LEE W. & MARJORIE BAKER	WHITEHALL, MONT.	480.00	47.34		47.34	59.58 373.08
8	U. S. A.			1.69		1.69	

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS CONST. NO.	R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.		I-90-5(3)231	8905-03	20	27



CONSTRUCTION LIMITS
TOP OF CUT
TOE OF FILL

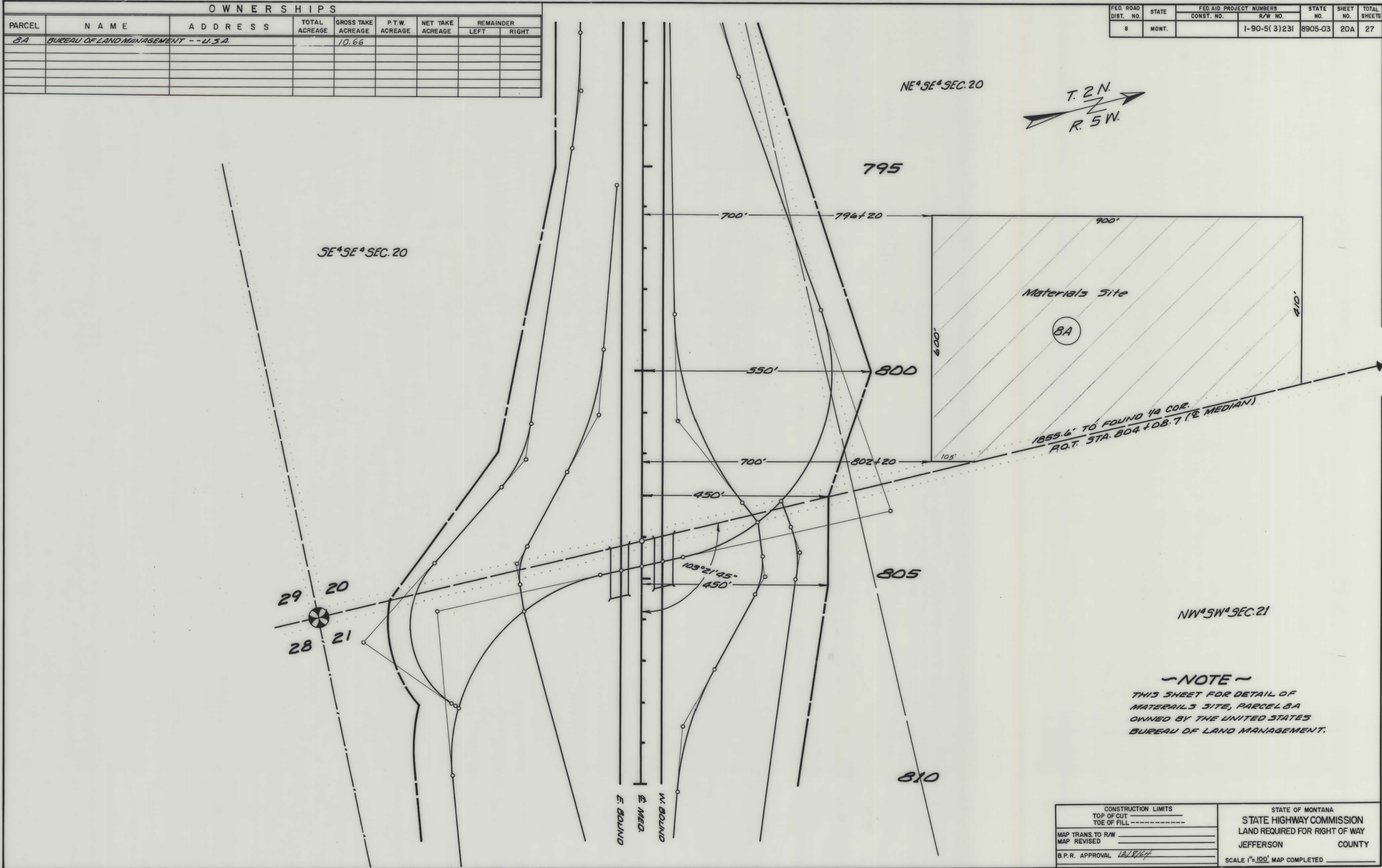
STATE OF MONTANA
STATE HIGHWAY COMMISSION
LAND REQUIRED FOR RIGHT OF WAY
JEFFERSON COUNTY
SCALE 1"=100' MAP COMPLETED

B.P.R. APPROVAL
DATE 5/18/14

I-90-5(3)231 SH 20 OF 28

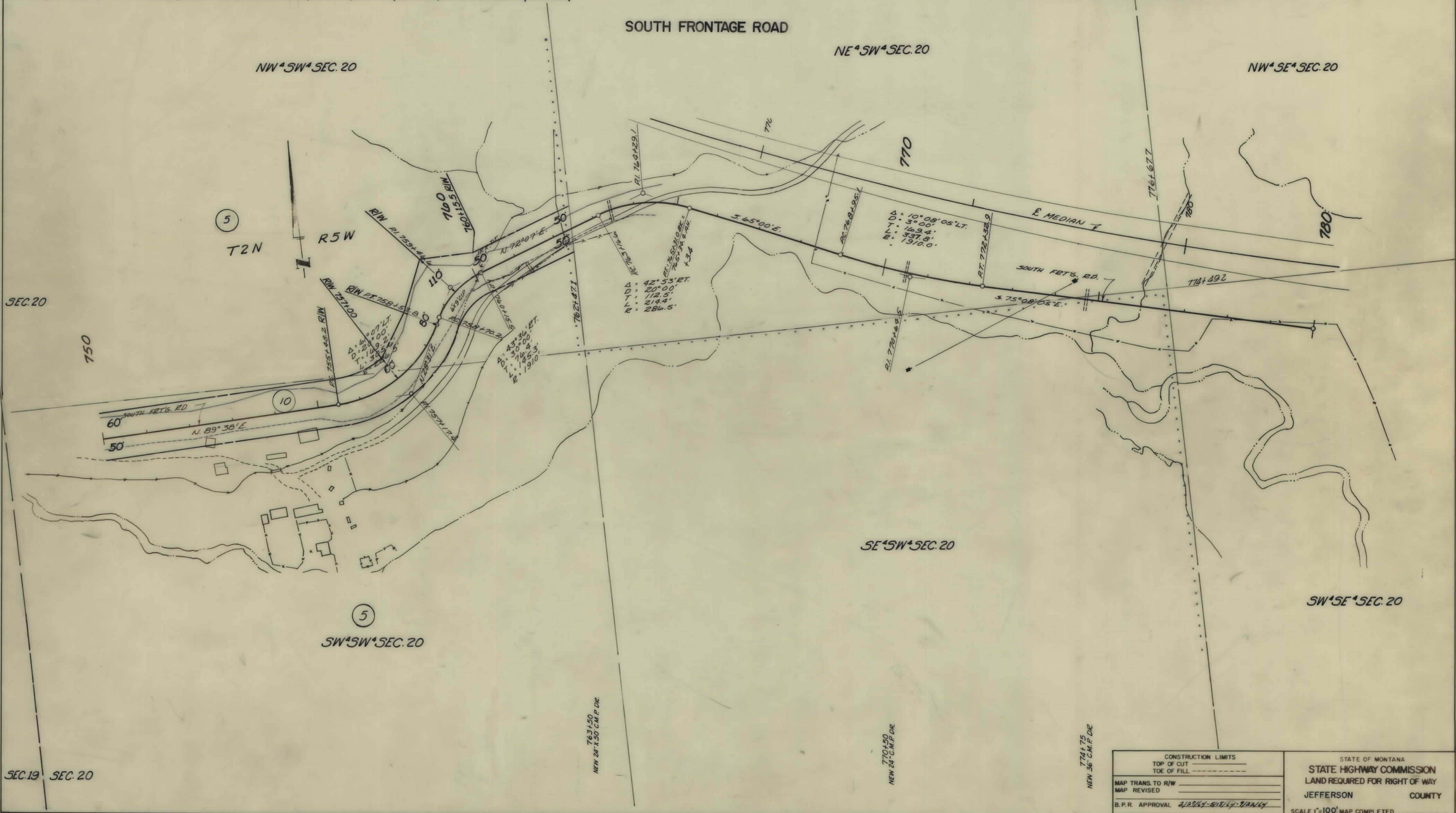
OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT
8A	BUREAU OF LAND MANAGEMENT -- U.S.A.			10.66				

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONT.		1-90-5(3)231	8905-03	20A	27



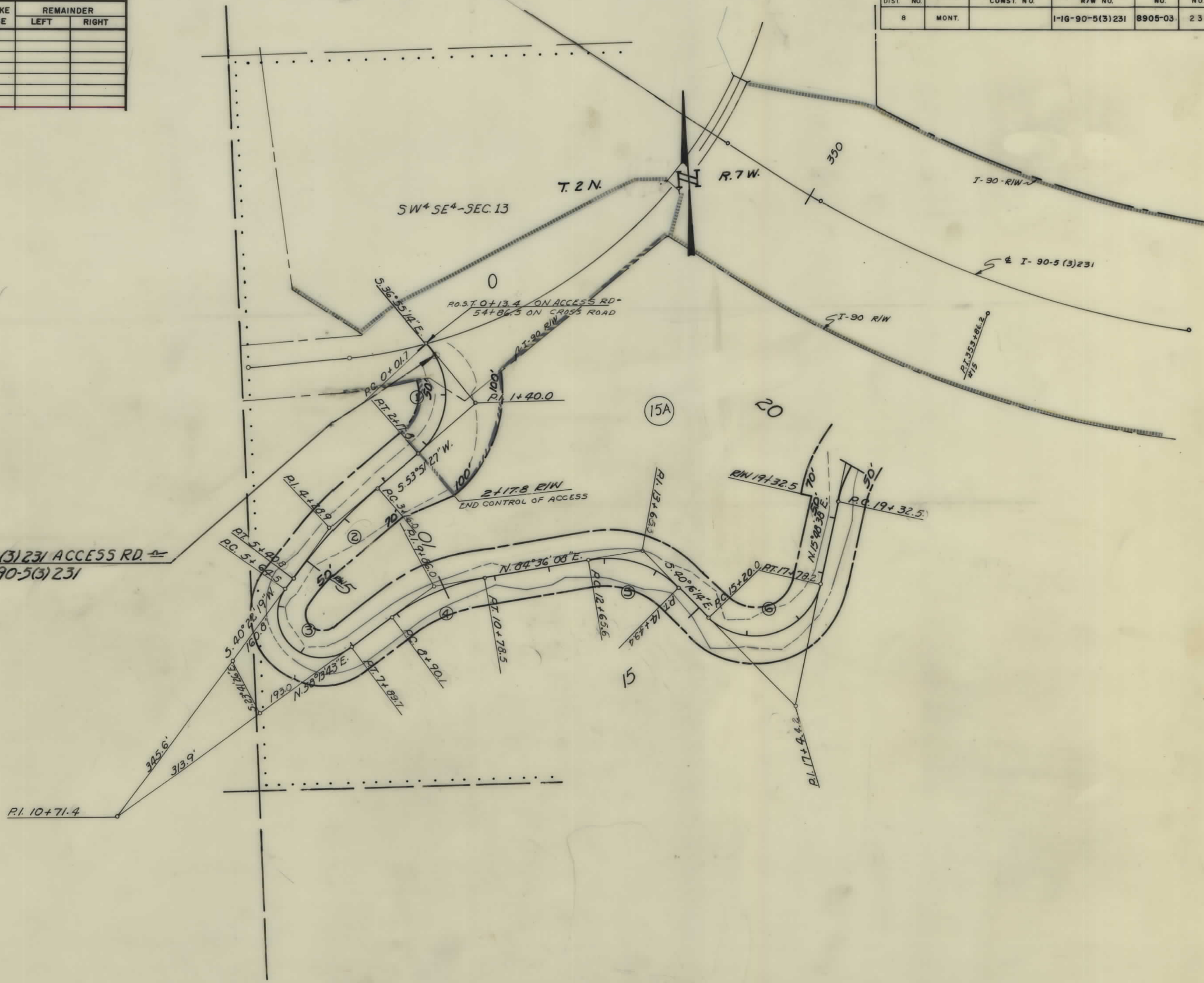
OWNERSHIPS							
PARCEL	N A M E	A D D R E S S	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT RIGHT
10	PETER MORELLO			9.78		9.78	

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONT.		190-5(3) 231	8905-03	22	27



OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT
15A	NORTHERN PACIFIC RAILWAY CO.	ST. PAUL, MINN.		8.55		8.55		

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	CONSTR. NO.	R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.			I-90-5(3)231	8905-03	23	27



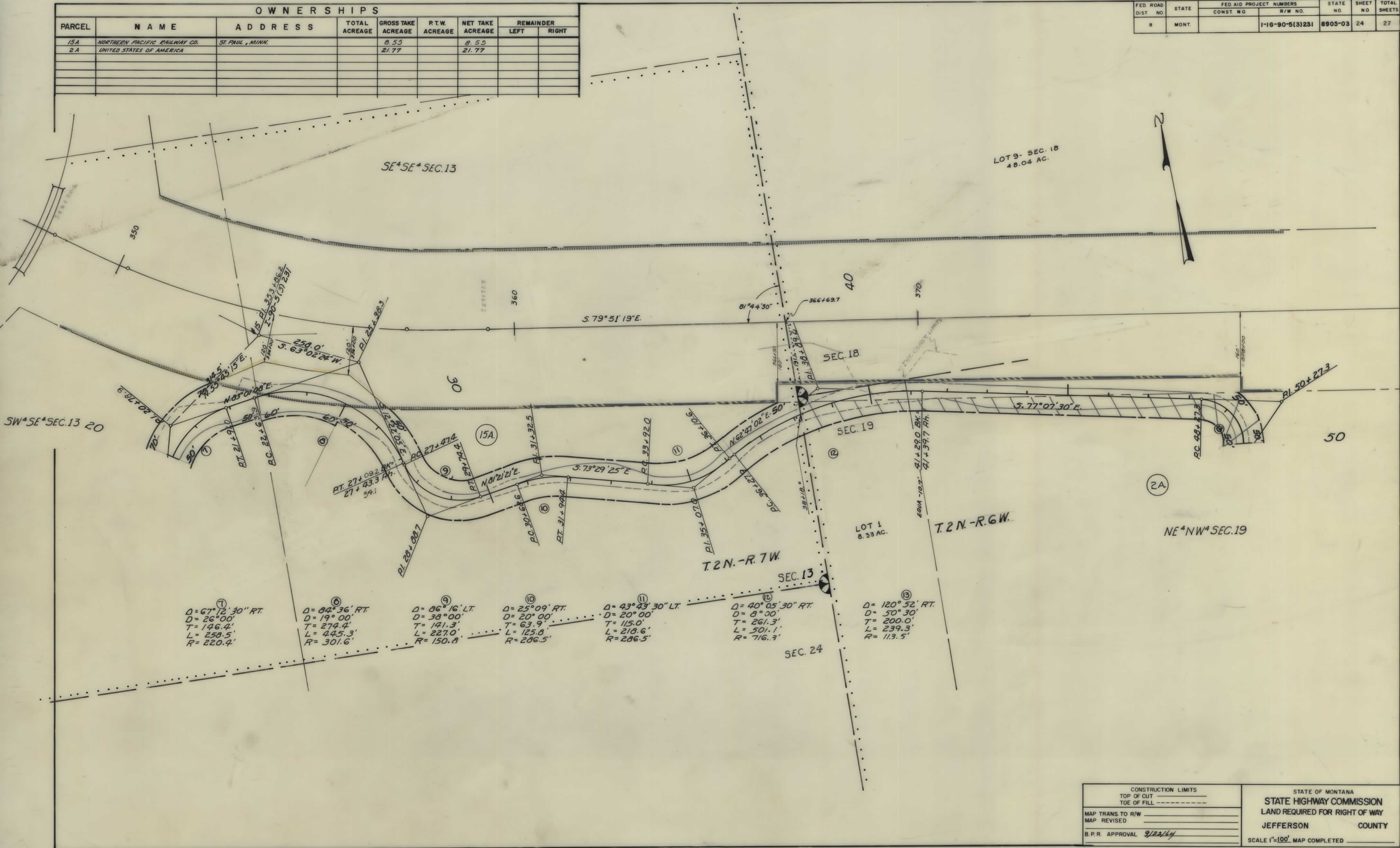
0+26.8 P.O.C. BEG I-90-5(3)231 ACCESS RD. =
54+86.5 ON X-ROAD I-90-5(3)231

CURVE DATA					
①	②	③	④	⑤	⑥
Δ = 90° 46' RT.	Δ = 13° 29' 08" LT.	Δ = 162° 09' LT.	Δ = 74° 22' 30" RT.	Δ = 55° 07' 30" RT.	Δ = 123° 55' LT.
D = 47° 00'	D = 6° 00'	D = 72° 00'	D = 14° 00'	D = 30° 00'	D = 48° 00'
T = 138.3'	T = 113.0'	T = 506.4'	T = 95.9'	T = 99.7'	T = 224.2'
L = 216.1'	L = 224.8'	L = 225.2'	L = 188.4'	L = 183.8'	L = 258.2'
R = 136.4'	R = 955.0'	R = 79.6'	R = 409.3'	R = 191.0'	R = 119.4'

CONSTRUCTION LIMITS TOP OF CUT TOE OF FILL	STATE OF MONTANA STATE HIGHWAY COMMISSION LAND REQUIRED FOR RIGHT OF WAY JEFFERSON COUNTY SCALE 1"=100' MAP COMPLETED
MAP TRANS. TO R/W MAP REVISED B.P.R. APPROVAL 9/22/44	

OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	R.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT
15A	NORTHERN PACIFIC RAILWAY CO.	ST. PAUL, MINN.		8.55		8.55		
2A	UNITED STATES OF AMERICA			21.77		21.77		

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONT.		1-16-90-5(3)231	8905-03	24	27



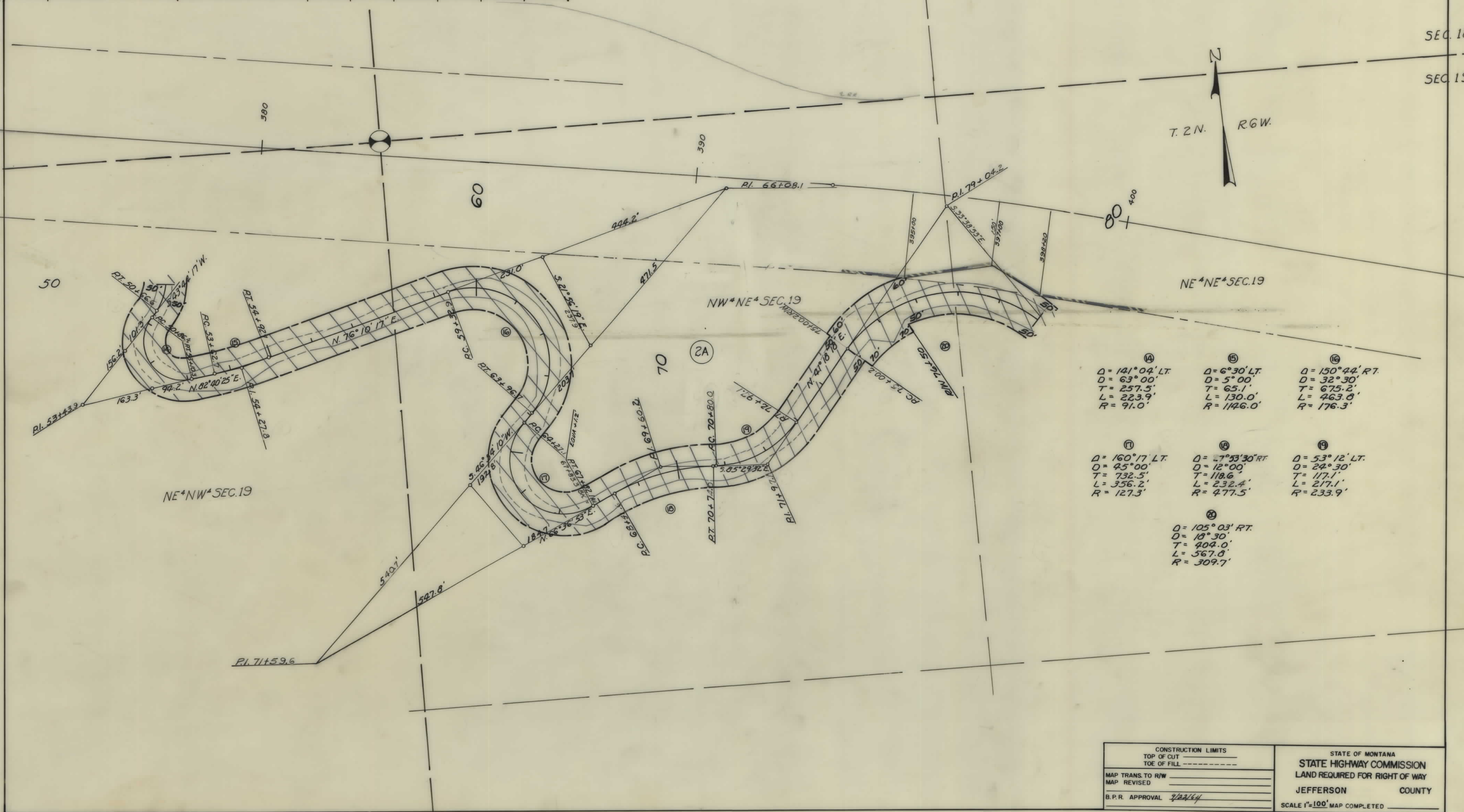
CONSTRUCTION LIMITS
TOP OF CUT
TOE OF FILL

MAP TRANS. TO R/W
MAP REVISED
B.P.R. APPROVAL 9/22/64

STATE OF MONTANA
STATE HIGHWAY COMMISSION
LAND REQUIRED FOR RIGHT OF WAY
JEFFERSON COUNTY
SCALE 1"=100' MAP COMPLETED

OWNERSHIPS							
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT RIGHT
2A	UNITED STATES OF AMERICA			21.77		21.77	

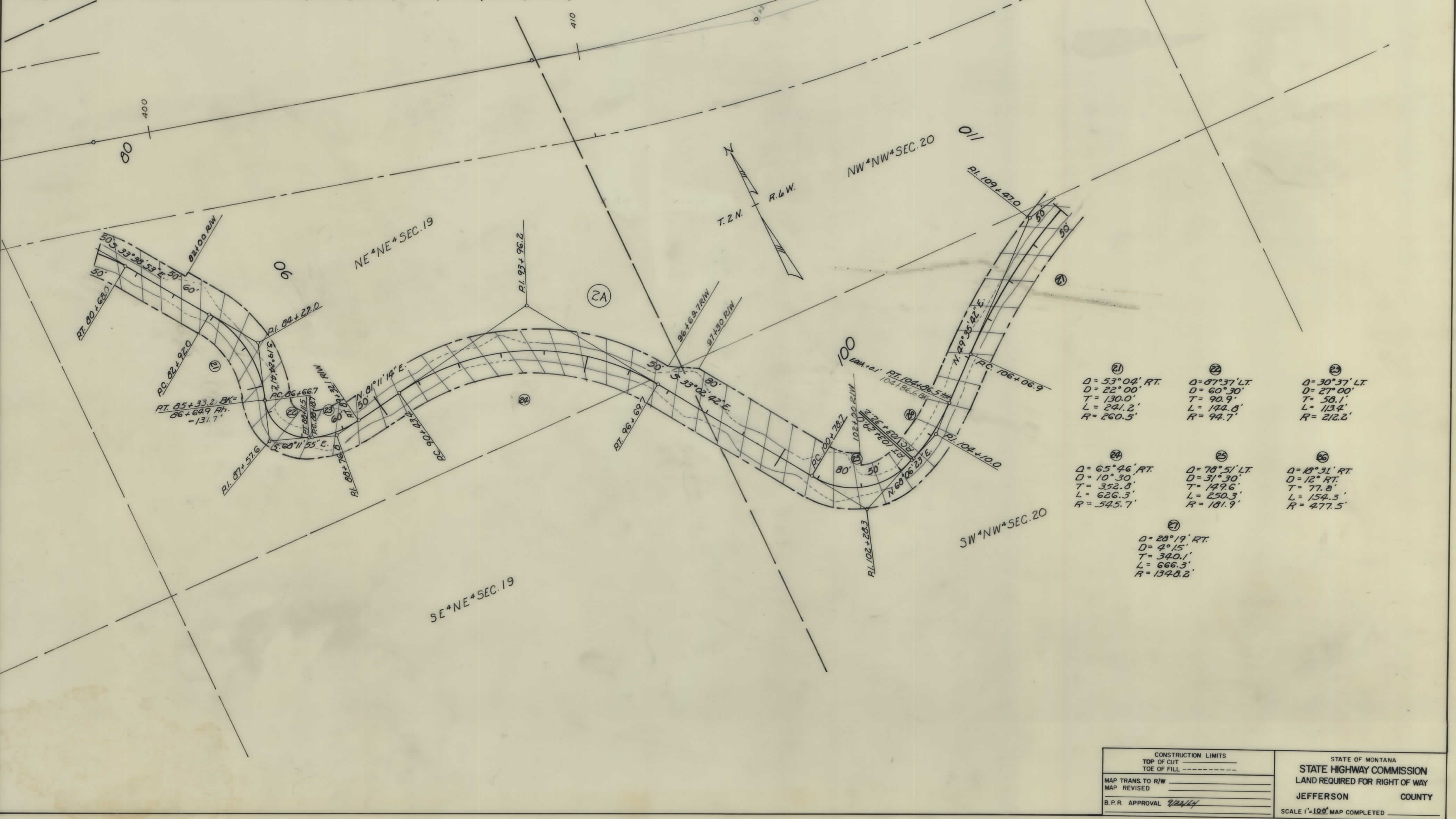
FED ROAD DIST NO	STATE	FED AID PROJECT NUMBERS		STATE NO	SHEET NO	TOTAL SHEETS
		CONST NO	R/W NO.			
8	MONT		1-16-90-5(3)231	8905-03	25	27



CONSTRUCTION LIMITS		STATE OF MONTANA	
TOP OF CUT	-----	STATE HIGHWAY COMMISSION	
TOE OF FILL	-----	LAND REQUIRED FOR RIGHT OF WAY	
MAP TRANS. TO R/W	-----	JEFFERSON COUNTY	
MAP REVISED	-----	SCALE 1"=100' MAP COMPLETED	
B.P.R. APPROVAL	9/22/64		

OWNERSHIPS								
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER	
							LEFT	RIGHT
2A	UNITED STATES OF AMERICA			21.77		21.77		

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NUMBERS		STATE NO.	SHEET NO.	TOTAL SHEETS
		CONST. NO.	R/W NO.			
8	MONT.		1-16-90-5(3)231	8905-03	26	27



CONSTRUCTION LIMITS		STATE OF MONTANA	
TOP OF CUT _____		STATE HIGHWAY COMMISSION	
TOE OF FILL _____		LAND REQUIRED FOR RIGHT OF WAY	
MAP TRANS. TO R/W _____		JEFFERSON COUNTY	
MAP REVISED _____		SCALE 1"=100' MAP COMPLETED _____	
B.P.R. APPROVAL <i>[Signature]</i>			

OWNERSHIPS							
PARCEL	NAME	ADDRESS	TOTAL ACREAGE	GROSS TAKE ACREAGE	P.T.W. ACREAGE	NET TAKE ACREAGE	REMAINDER LEFT RIGHT
2A	UNITED STATES OF AMERICA			21.77		21.77	

FED. ROAD DIST. NO.	STATE	FED. AID PROJECT CONST. NO.	NUMBERS R/W NO.	STATE NO.	SHEET NO.	TOTAL SHEETS
8	MONT.		1-16-90-5(3)231	8905-03	27	27



28 $\Delta = 6^\circ 48' \text{ LT.}$ $D = 2^\circ 15'$ $T = 151.3'$ $L = 302.2'$ $R = 2546.7'$	29 $\Delta = 77^\circ 56' \text{ RT.}$ $D = 20^\circ 00'$ $T = 231.7'$ $L = 389.7'$ $R = 286.5'$	30 $\Delta = 37^\circ 51' \text{ RT.}$ $D = 35^\circ 00'$ $T = 56.1'$ $L = 108.1'$ $R = 163.7'$
31 $\Delta = 115^\circ 33' \text{ LT.}$ $D = 74^\circ 00'$ $T = 122.8'$ $L = 156.1'$ $R = 77.4'$	32 $\Delta = 136^\circ 40' \text{ RT.}$ $D = 71^\circ 00'$ $T = 203.1'$ $L = 192.5'$ $R = 80.7'$	33 $\Delta = 28^\circ 20' \text{ LT.}$ $D = 18^\circ 00'$ $T = 80.4'$ $L = 157.4'$ $R = 318.3'$
34 $\Delta = 52^\circ 08' \text{ RT.}$ $D = 31^\circ 00'$ $T = 90.4'$ $L = 168.2'$ $R = 184.8'$	35 $\Delta = 43^\circ 18' \text{ LT.}$ $D = 31^\circ 00'$ $T = 73.4'$ $L = 139.7'$ $R = 184.8'$	36 $\Delta = 87^\circ 05' \text{ LT.}$ $D = 44^\circ 30'$ $T = 122.4'$ $L = 195.7'$ $R = 128.8'$
37 $\Delta = 108^\circ 04' \text{ RT.}$ $D = 66^\circ 30'$ $T = 118.7'$ $L = 162.5'$ $R = 86.2'$		

CONSTRUCTION LIMITS TOP OF CUT TOE OF FILL	STATE OF MONTANA STATE HIGHWAY COMMISSION LAND REQUIRED FOR RIGHT OF WAY JEFFERSON COUNTY
MAP TRANS. TO R/W MAP REVISED	SCALE 1"=100'. MAP COMPLETED
B.P.R. APPROVAL <i>[Signature]</i>	