

PLANS

NOT

TO

SCALE

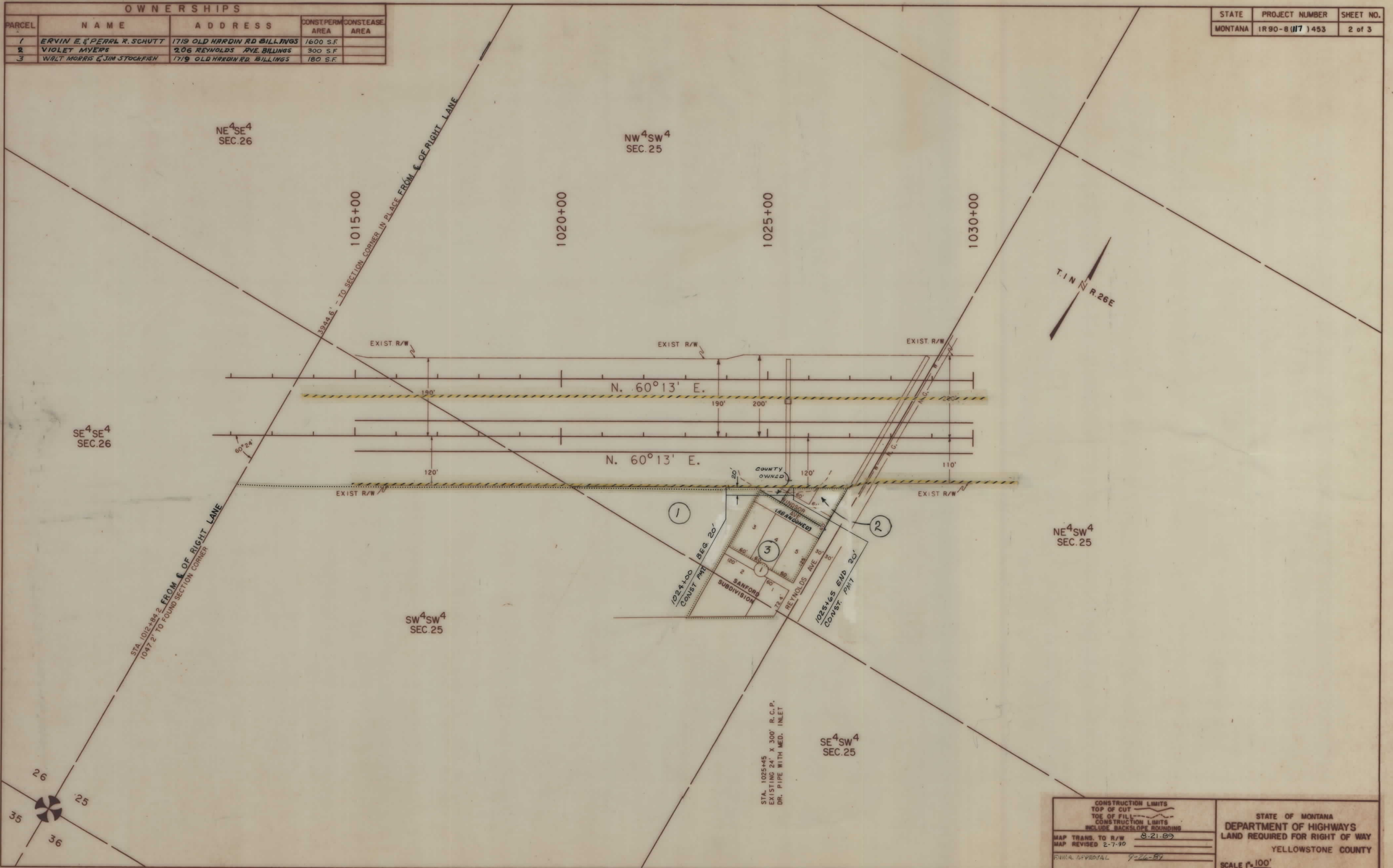
OWNERSHIPS

PARCEL	NAME	ADDRESS	CONST. PERM. AREA	CONSTEASE AREA
1	ERVIN E. & PEARL R. SCHUTT	1719 OLD HARDIN RD. BILLINGS	1600 S.F.	
2	VIOLET MYERS	206 REYNOLDS AVE. BILLINGS	300 S.F.	
3	WALT MORRIS & JIM STOCKFISH	1719 OLD HARDIN RD. BILLINGS	180 S.F.	

STATE	PROJECT NUMBER	SHEET NO.
MONTANA	1R90-8 (117) 453	2 of 3

MONTANA
CADD

23-DEC-1988
06:55
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MONTANA
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Z601 1032.00510893P (N.E. DGN)



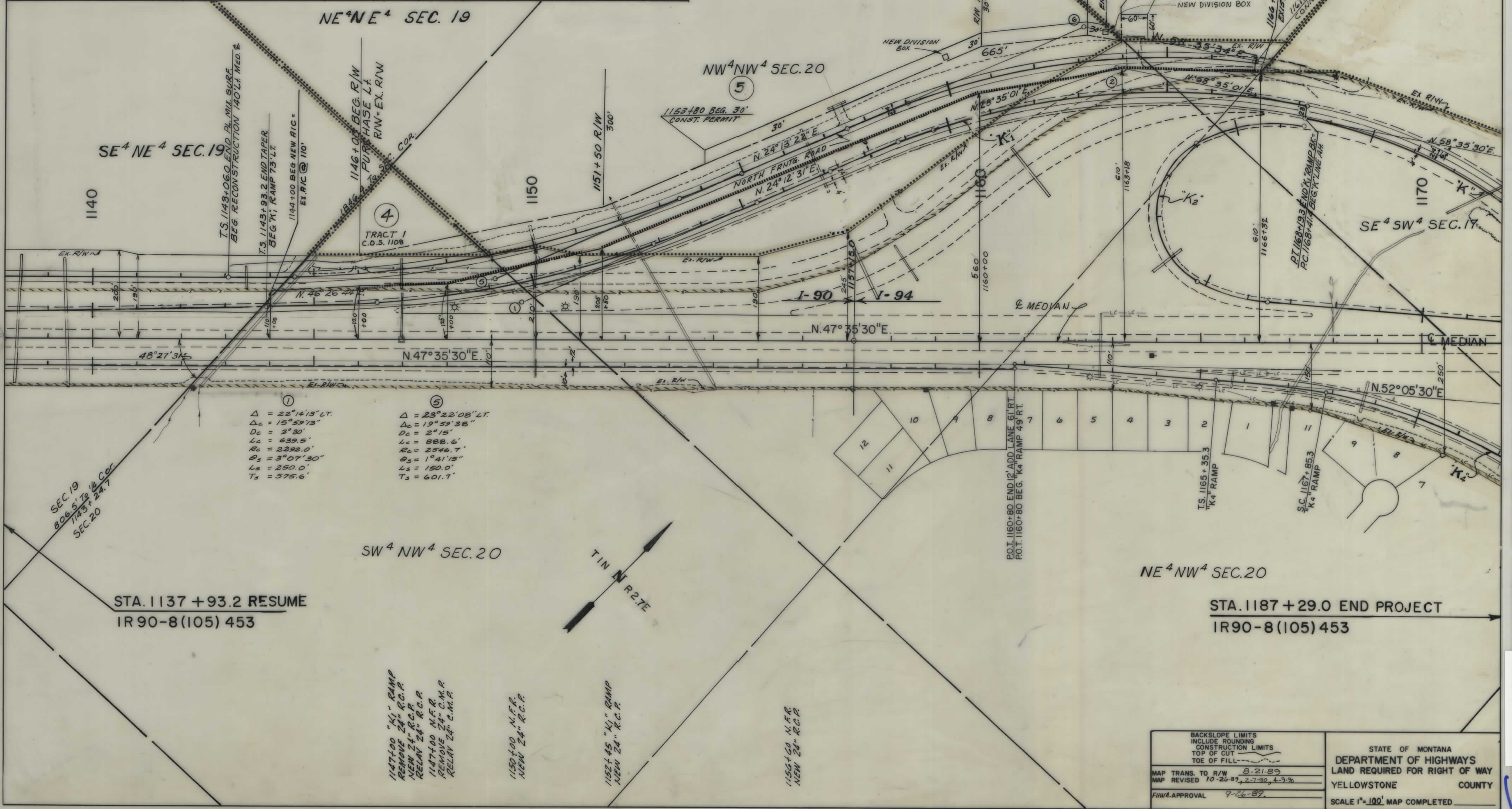
CONSTRUCTION LIMITS TOP OF CUT TOE OF FILL CONSTRUCTION LIMITS INCLUDE BACKSLOPE REINFORCING	8-21-89
MAP TRANS. TO R/W MAP REVISED 2-7-90	
FWHA APPROVAL 9-26-87	
STATE OF MONTANA DEPARTMENT OF HIGHWAYS LAND REQUIRED FOR RIGHT OF WAY YELLOWSTONE COUNTY SCALE 1"=100'	

1R90-8(117)453 SH-T 2 OF 3

OWNERSHIPS										
PARCEL	NAME	ADDRESS	TOTAL AREA	GROSS R/W AREA	P.T.W. AREA	AREA TO BE ACQUIRED	REMAINDER		CONST. PERM. AREA	EASE. AREA
							LEFT	RIGHT		
4	Elaine K. Edwards	2110 Ridgeview Drive Billings, MT 59105	0.94 Ac.	0.17 Ac.	-0-	0.17 Ac.	0.77 Ac.	0		
5	Carl B. & Marlys C. Peters	Lockwood Flats, Billings, MT	5.85 Ac.	-0-	-0-	5.85 Ac.			0.66 Ac.	0.08 Ac.
6	also Wayne A. & Joyce Edwards & Jacob & Alvin Rudolph 5910									
7	Clyde & Virginia Lehman									
7	LOCKWOOD IRRIGATION DISTRICT		FOR	NEGOTIATIONS	ONLY					

STATE OF MONTANA	PROJECT NO. IR90-8(117)453	SHEET TOTAL NO. 3 SHEETS 3
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LOCKWOOD-PINEHILLS INTERCHANGE



①
 $\Delta = 22^\circ 14' 13''$ LT.
 $D_c = 15^\circ 59' 13''$
 $D_c = 2^\circ 30'$
 $L_c = 639.5'$
 $R_c = 2393.0'$
 $\theta_s = 3^\circ 07' 30''$
 $L_s = 250.0'$
 $T_s = 575.6'$

⑤
 $\Delta = 23^\circ 22' 08''$ LT.
 $D_c = 19^\circ 59' 38''$
 $D_c = 2^\circ 15'$
 $L_c = 888.6'$
 $R_c = 2546.7'$
 $\theta_s = 1^\circ 41' 15''$
 $L_s = 150.0'$
 $T_s = 601.7'$

②
 $\Delta = 30^\circ 00'$ RT.
 $D = 3^\circ 30'$
 $L = 438.7'$
 $R = 857.1'$
 $\theta_s = 4^\circ 22' 30''$ ET.
 $L_s = 250.0'$
 $L.T. = 166.7'$

⑥
 $\Delta = 34^\circ 22' 12''$ ET.
 $D_c = 29^\circ 07' 12''$
 $D_c = 3^\circ 30'$
 $L_c = 832.0'$
 $R_c = 1637.1'$
 $\theta_s = 2^\circ 37' 30''$
 $T_s = 581.5'$
 $L_s = 150.0'$

STA. 1137 + 93.2 RESUME
 IR 90-8(105) 453

STA. 1187 + 29.0 END PROJECT
 IR 90-8(105) 453

1147+00 "1/4" RAMP
 REMOVE 24" R.C.P.
 NEW 24" R.C.P.
 RELAY 24" R.C.P.

1147+00 N.F.R.
 REMOVE 24" C.M.P.
 RELAY 24" C.M.P.

1150+00 N.F.R.
 NEW 24" R.C.P.

1152+45 "1/4" RAMP
 NEW 24" R.C.P.

1156+00 N.F.R.
 NEW 24" R.C.P.

BACKSLOPE LIMITS INCLUDE ROUNDING CONSTRUCTION LIMITS TOP OF CUT TOE OF FILL	STATE OF MONTANA DEPARTMENT OF HIGHWAYS LAND REQUIRED FOR RIGHT OF WAY YELLOWSTONE COUNTY
MAP TRANS. TO R/W 8-21-89 MAP REVISED 10-26-89, 2-7-90, 4-9-90	SCALE 1"=100' MAP COMPLETED
FIWA APPROVAL 9-26-89	