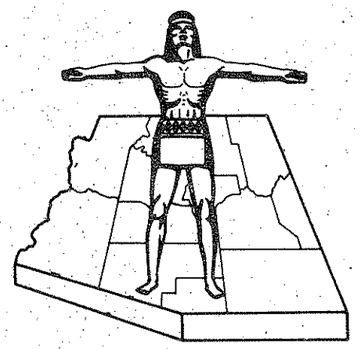
NOW SR 261

FINALIZED C.O.5388, 6-6-79-R.L.R

FED. ROAD DIVISION	STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS	FINALIZED PLANS
7	ARIZ.	S-449-601	1	25	K. Hopkinson 6-79

DRAWING NUMBER D-I-T-238

FINALIZED



STATE OF ARIZONA
STATE HIGHWAY DEPARTMENT

RIGHT OF WAY PLAN OF THE

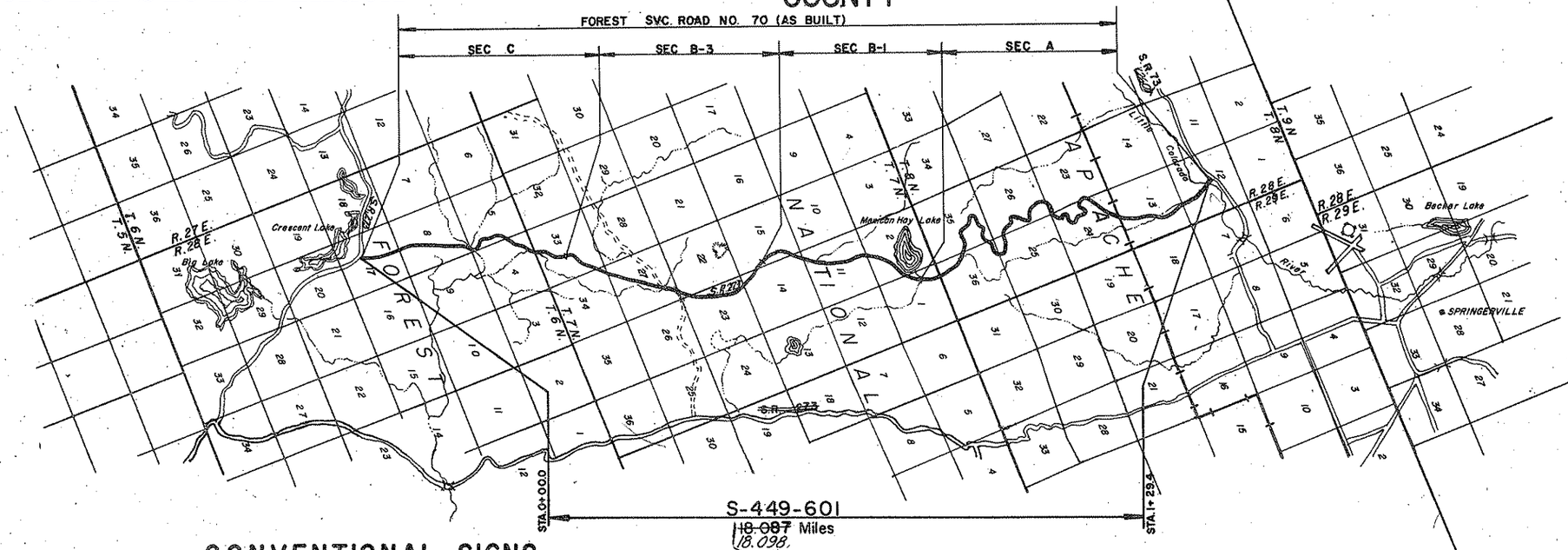
BIG LAKE ROAD HIGHWAY

STATE HIGHWAY

PROJECT NO. S-449-601

APACHE
COUNTY

Click here for SR 261 Index



S-449-601
~~18.087~~ 18.098 Miles

CONVENTIONAL SIGNS

HIGHWAY CENTER LINE (New) / (Existing)
HIGHWAY R/W LINE (New) / (Existing)
CONTROLLED ACCESS (Desired) / (Open) / (Existing)
R.R. R/W COMMON TO HIGHWAY R/W (Existing)
R.R. R/W LINE
TOWNSHIP AND RANGE LINE
SECTION LINE
1/4 LINE OR MID-SECTION LINE
1/16 LINE
PROPERTY LINE (not part of a Subdivision)
SUBDIVISION OR LOT LINE
ORIGINAL LOT LINE
STATE AND NATIONAL BOUNDARIES
COUNTY LINE
CITY LIMITS
LAND GRANTS BOUNDARIES

FOREST, NATIONAL MONUMENTS, MILITARY BASES AND INDIAN RESERVATION
SURVEY MEANDER LINE
NEW R/W CONTROL POINT
EXISTING R/W MARKER
PARCEL NUMBER (7-001)
RAILROAD TRACK
POWER LINE
POWER TRANSMISSION LINE
TELEPHONE LINE
COMBINATION TELEPHONE AND POWER LINE
UNDERGROUND TELEPHONE CABLE
WATER LINE (W 2")
GAS LINE (G 2")
SEWER LINE (S 2")
STORM DRAIN (SD 2")
(Show size of line in alternate spaces)
CHAIN LINK FENCE

BARBED WIRE FENCE (call out type)
Gate on extended arm
STREET LIGHT
WATER METER
WATER VALVE
DOWN GUY
FIRE HYDRANT
GAS METER
GAS VALVE
MANHOLE (existing)
ROAD (existing)
PROPERTY ANCHOR BARS
PROPERTY LIMITS ARROWS
CANAL, CHANNEL OR DITCH
BRIDGE
BOX CULVERTS
CATTLE GUARD
RIVER
PIPE CULVERTS (Now) / (Existing)
DYKE

REDUCED SIZE DO NOT SCALE

Approved in accordance with R/W Corridor Design

W. L. O'Hara — ASSISTANT STATE ENGINEER — 1-22-70 DATE

ARIZONA STATE HIGHWAY COMMISSION
Approved for Right of Way Acquisition in accordance with Resolution Number 69-98 dated 11-4-69

Wm. N. Price — State Highway Engineer

DEPUTY STATE ENGINEER — 1-22-70 DATE

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS
Approved:

DIVISION ENGINEER — DATE

BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

Click here for SR 261 Index

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
2620	9/26/69	R.R.	Chad # Note "East" to Northerly
2613	5-26-70	L.M.F.	Changed the Owner of Parcel 1-164
4401	11-17-78	C.R.P.	Deleted Parcels 1-153, 1-154 & 1-155
5388	6-6-79	R.L.R.	FINALIZED.

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	2 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	N/A
CONSULTANT	JAMES M. SAMER/ENGR.

CHECKED BY: Dennis G. Boudreau

HARD COPY

Registered Professional Engineer (CSW) CERTIFICATE EXPIRES JAMES M. SAMER DEC. 31, 1980 MALENA U.S.A.

FINALIZED

OWNERSHIP RECORD

ACQUISITION RECORD

PARCEL NUMBER	OWNER	DESCRIPTION	TOTAL AREA	AREA REQUIRED GROSS INCLUDING EXISTING R/W	AREA REQUIRED NET EXCLUDING EXISTING R/W	EASEMENT AREA	REMAINDER LEFT	REMAINDER RIGHT	SHEET NUMBER	COMMISSION APPROVAL	TYPE & DATE OF INSTRUMENT	RECORDED DATE	RECORDED BOOK	RECORDED PAGE
1-151	U.S.A. ~ Apache National Forest	E² SW⁴, W² NW⁴ SE⁴, W² W² NE⁴ Sec. 17 T6N R28E	640 Ac.		18.7 Ac.				6	7-9-71	Esmt. 4-671	8-4-71	143	54735
		W² SE⁴; E² E² SE⁴ SW⁴; S² NE⁴; NE⁴ NE⁴ Sec. 8 T6N R28E	640 Ac.		26.3 Ac.				6 & 7					
		E² SE⁴; SE⁴ NE⁴ Sec. 5 T6N R28E	641.6 Ac.		17.4 Ac.				7 & 8					
		SW⁴ NW⁴; S² NE⁴ Lot 4; W² NE⁴ Lot 3 Sec. 4 T6N R28E	640.6 Ac.		13.1 Ac.				8					
		E² SW⁴; W² NW⁴ SE⁴; SW⁴ NE⁴; E² NE⁴ Sec. 33 T7N R28E	640 Ac.		28.5 Ac.				8 & 9					
		NW⁴ NW⁴ Sec. 34 T7N R28E	640 Ac.		3.6 Ac.				9					
		SW⁴; SE⁴ NW⁴; W² NE⁴; NW⁴ NE⁴ NE⁴ Sec. 27 T7N R28E	640 Ac.		28.9 Ac.				9 & 10					
		SE⁴ SE⁴; SE⁴ NE⁴ SE⁴ Sec. 22 T7N R28E	640 Ac.		8.8 Ac.				10 & 11					
		W² NW⁴ SW⁴; W² NW⁴ Sec. 23 T7N R28E	640 Ac.		18.3 Ac.				11					
		SW⁴ SW⁴; NW⁴ NW⁴ Sec. 14 T7N R28E	640 Ac.		11.9 Ac.				11 & 12					
		E² SE⁴; E² NE⁴ Sec. 15 T7N R28E	640 Ac.		16.5 Ac.				11 & 12					
		SW⁴ SW⁴, E² SW⁴, E² NW⁴, NW⁴ NW⁴ NW⁴ NE⁴ Sec. 11 T7N R28E	640 Ac.		26.1 Ac.				12 & 13					
		SE⁴ SE⁴ SW⁴; W² SE⁴; NE⁴ SE⁴ SE⁴; SE⁴ NE⁴ Sec. 2 T7N R28E	637.6 Ac.		19.7 Ac.				13 & 14					
		W² NW⁴ Sec. 1 T7N R28E	638.9 Ac.		12.3 Ac.				14					
		W² SW⁴; NW⁴ NW⁴; NW⁴ NE⁴ NW⁴ Sec. 36 T8N R28E	640 Ac.		21.7 Ac.				14 & 15					
		NE⁴ SE⁴; NE⁴ NW⁴ SE⁴; SW⁴ NE⁴; NE⁴ SE⁴ NW⁴; SE⁴ NE⁴ NW⁴; N² NE⁴ Sec. 35 T8N R28E	640 Ac.		31.7 Ac.				14 & 15					
		SW⁴ SW⁴; SW⁴ SW⁴ SE⁴ SW⁴ Sec. 25 T8N R28E	640 Ac.		7.1 Ac.				15 & 16					
		SE⁴ SE⁴; E² NW⁴ SE⁴; NE⁴ SE⁴; E² NE⁴ Sec. 26 T8N R28E	640 Ac.		31.2 Ac.				15 & 16					
		S² S² SE⁴ SE⁴; E² SE⁴ NE⁴ Sec. 23 T8N R28E	600 Ac.		8.3 Ac.				16 & 17					
		SW⁴; NW⁴ Sec. 24 T8N R28E	640 Ac.		42.9 Ac.				16 & 17					
1-152	State of Arizona (S.L.D.)	E² SW⁴ & W² E² Sec. 13 T8N R28E	640 Ac.	26.3 Ac.	13.2 Ac.		353.5 Ac.	260.2 Ac.	17 & 18	8-28-70	R/W Grant 9-25-70	6-20-79 To Be	315 Recorded	60-62
L-1	Grazing Lease (LT-1471-N) To: Afton H. Wiltbank	E² SW⁴ & W² E² Sec. 13 T8N R28E	640 Ac.						17 & 18					
~~1-153~~	~~Utilities Brothers Land & Timber Co.~~	~~Part of SW⁴ NE⁴ & NW⁴ SE⁴ Sec. 12 T8N R28E~~	~~17.1 Ac.~~	~~1.2 Ac.~~	~~0.6 Ac.~~	DELETED 11-17-78		~~15.9 Ac.~~	~~18~~					
~~1-154~~	~~John M. & Joan Hiatt et al~~	~~Part of NW⁴ SE⁴ Sec. 12 T8N R28E~~	~~23.2 Ac.~~	~~6.2 Ac.~~	~~3.1 Ac.~~	DELETED 11-17-78	~~7.5 Ac.~~	~~9.5 Ac.~~	~~18~~					
~~1-155~~	~~Dennis L. Udall, et al~~	~~E½ SW⁴, SW⁴ SE⁴ Sec. 12 T8N R28E~~	~~120 Ac.~~	~~4.3 Ac.~~	~~2.2 Ac.~~	DELETED 11-17-78	~~91.8 Ac.~~	~~21.9 Ac.~~	~~18~~					
1-156	State of Arizona (S.L.D.)	S² NW⁴ Sec. 12 T8N R28E	80 Ac.	2.5 Ac.	1.3 Ac.		* 7.9 Ac.	* 1.1 Ac.	18	9-11-70	R/W Grant 10-5-70	6-20-79 To Be	315 Recorded	63-65
L-1	Grazing Lease (LT-1471-N) To Afton H. Wiltbank	S² NW⁴ Sec. 12 T8N R28E	80 Ac.						18					

~~Sent to Operations on 6-12-79, for Recording~~

~~Sent to Operations on 6-12-79, for Recording~~

* Remainder Does Not Include That Portion of Sec. 12 Lying Northerly of R/W Proj. S-449-601.

REDUCED SIZE DO NOT SCALE

BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

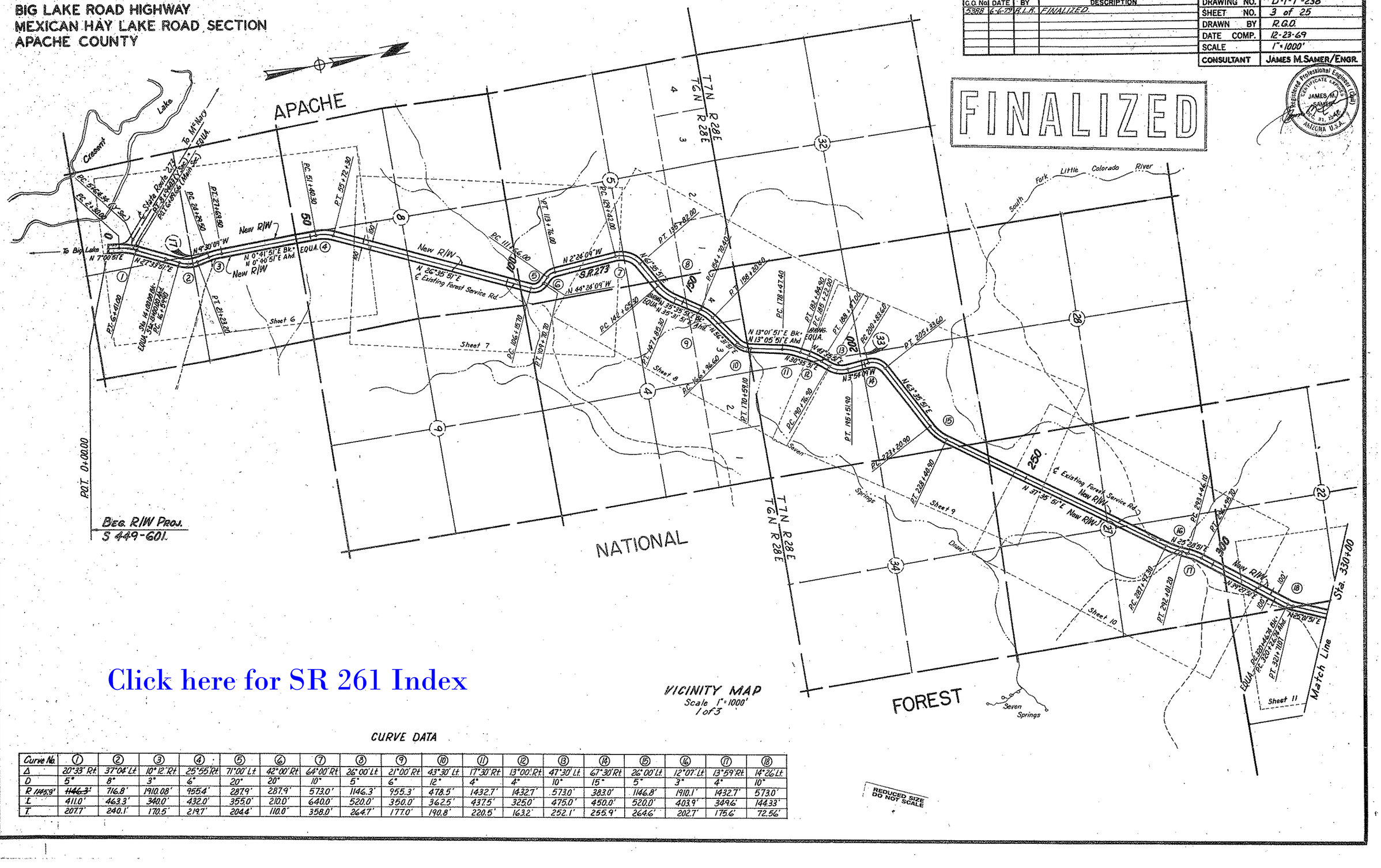
REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5388	6-6-79	R.L.A.	FINALIZED.

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	3 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1"=1000'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

Registered Professional Engineer (ARIZ.) CERTIFICATE EXPIRES JAMES M. SAMER DEC. 31, 1980 ARIZONA U.S.A.

HARD COPY As Built Plans Forest Sec. Rd. No. 70 CHECKED BY: Dennis G. Spurlock



Click here for SR 261 Index

VICINITY MAP
Scale 1"=1000'
1 of 3

CURVE DATA

Curve No.	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱
Δ	20°33' Rt.	37°04' Lt.	10°12' Rt.	25°55' Rt.	71°00' Lt.	42°00' Rt.	64°00' Rt.	26°00' Lt.	21°00' Rt.	43°30' Lt.	17°30' Rt.	13°00' Rt.	47°30' Lt.	67°30' Rt.	26°00' Lt.	12°07' Lt.	13°59' Rt.	14°26' Lt.
D	5°	8°	3°	6°	20°	20°	10°	5°	6°	12°	4°	4°	10°	15°	5°	3°	4°	10°
R ~~1145.9'~~ ~~1146.3'~~	1146.8'	716.8'	1910.08'	955.4'	287.9'	287.9'	573.0'	1146.3'	955.3'	478.5'	1432.7'	1432.7'	573.0'	382.0'	1146.8'	1910.1'	1432.7'	573.0'
L	411.0'	463.3'	340.0'	432.0'	355.0'	210.0'	640.0'	520.0'	350.0'	362.5'	437.5'	325.0'	475.0'	450.0'	520.0'	403.9'	349.6'	144.33'
T	207.7'	240.1'	170.5'	219.7'	204.4'	110.0'	358.0'	264.7'	177.0'	190.8'	220.5'	163.2'	252.1'	255.9'	264.6'	202.7'	175.6'	72.56'

REDUCED SIZE DO NOT SCALE

BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

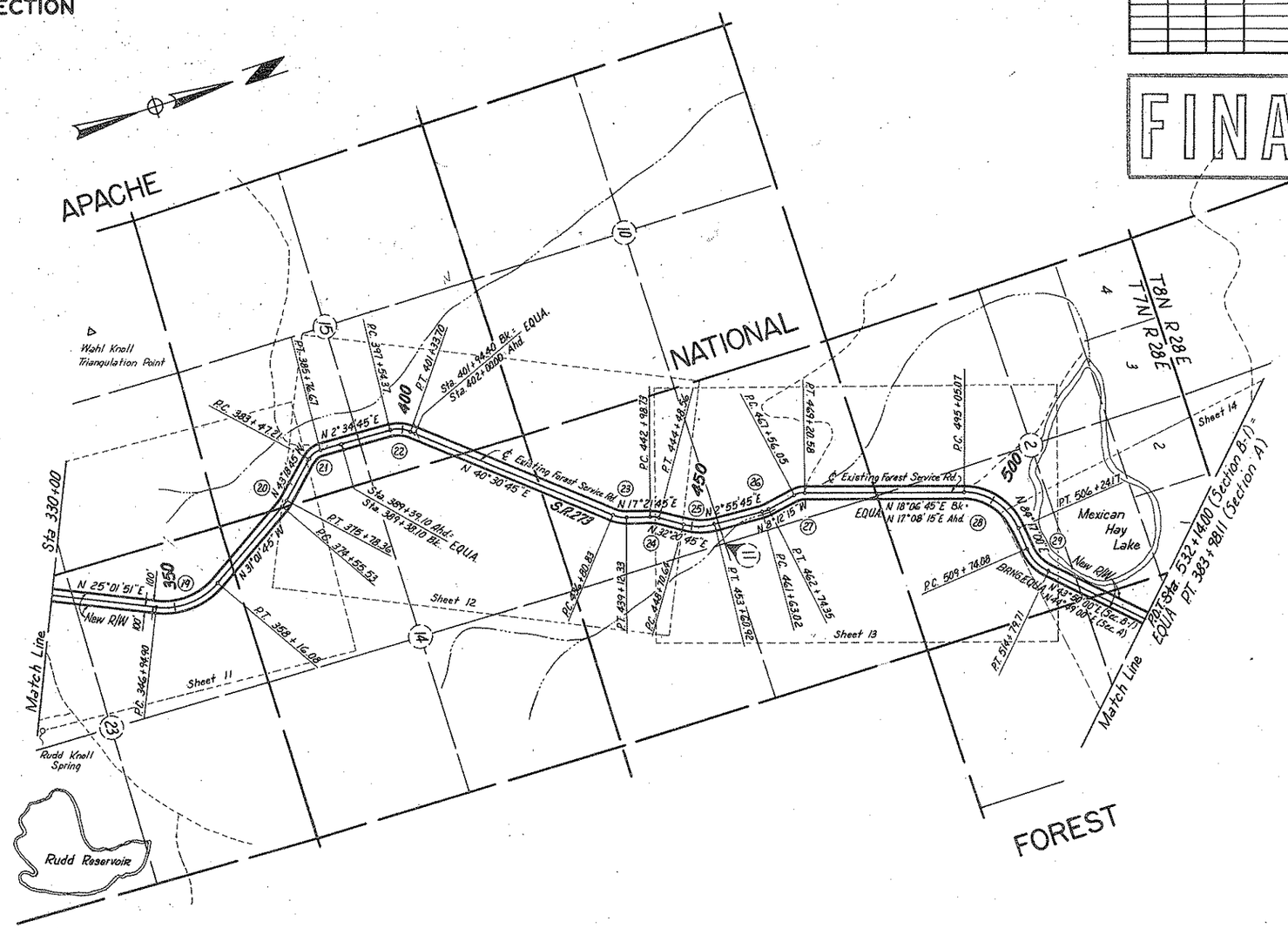
REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5388	6-6-79	R.L.R.	FINALIZED.

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	4 of 25
DRAWN BY	R.G.D.
DATE COMP.	12-23-69
SCALE	1" = 1000'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

Registered Professional Engineer (Civil) CERTIFICATE EXPIRES JAMES M. SAMER DEC. 31, 1969 ARIZONA U.S.A.

HARD COPY As Built Plans Forest Svc. Rd. No. 70 CHECKED BY Dennis W. Spurlock



VICINITY MAP
Scale 1" = 1000'
2 of 3

CURVE DATA

Curve No.	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)
Δ	56°03'36" Lt.	12°17' Lt.	45°53'30" Rt.	~~31°56'~~ 37°56' Rt.	23°09' Lt.	14°59' Rt.	29°25' Lt.	11°08' Lt.	26°19' Rt.	67°08'45" Rt.	40°27' Lt.
D	5°	10°	20°	10°	10°	10°	6°	10°	16°	6°	8°
R	1146.00'	573.00'	286.5'	573.0'	573.0'	573.0'	955.0'	573.0'	358.1'	955.0'	716.25'
L	1121.18'	122.83'	229.46'	379.33'	231.50'	149.83'	490.28'	111.33'	164.53'	1119.10'	505.63'
T	610.10'	61.66'	121.29'	196.93'	117.35'	75.35'	230.68'	55.85'	~~83.73'~~ 83.72'	633.83'	263.88'

REDUCED SIZE DO NOT SCALE

Click here for SR 261 Index

BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

Click here for SR 261 Index

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
2690	3-11-71	TEK	Cur. Data Table: 'L' of Cur. 103 Was 238.10'
5388	6-6-79	A.L.R.	FINALIZED.

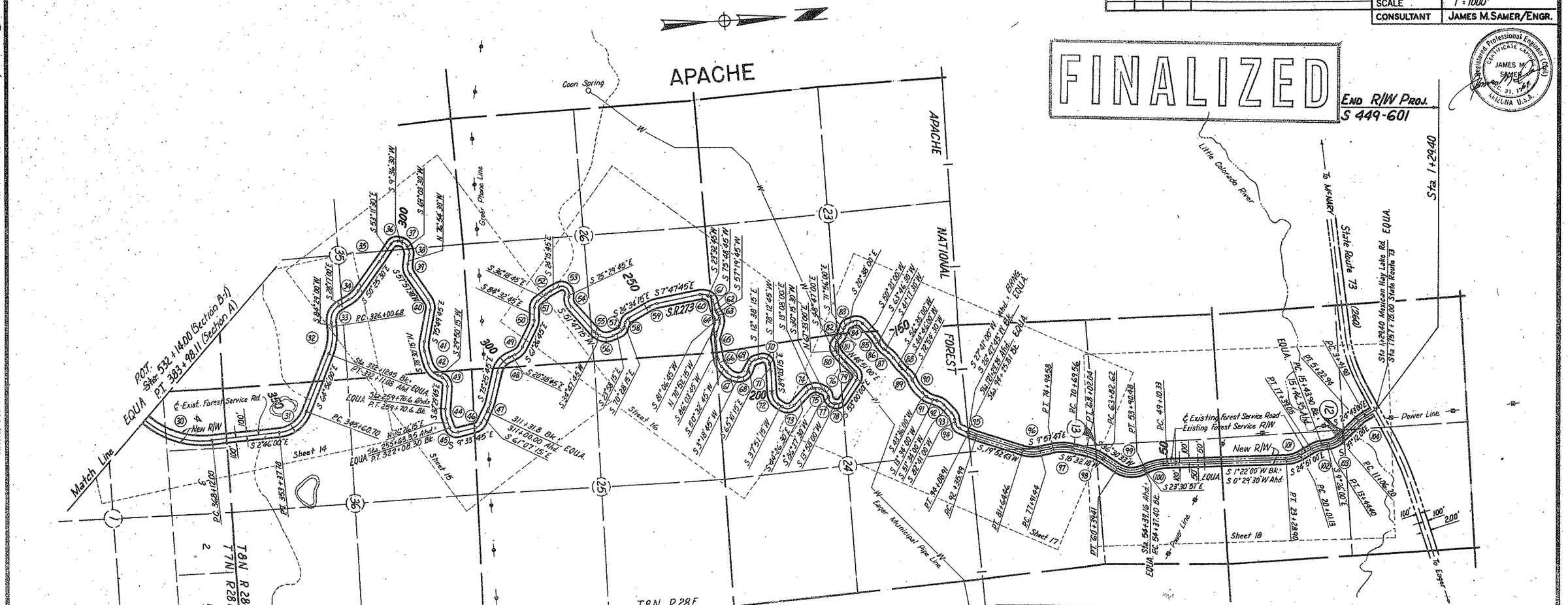
PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	5 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1"=1000'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

END R/W PROJ. S 449-601

Registered Professional Engineer (Civil) CERTIFICATE EXPIRES JAMES M. SAMER DEC. 31, 1971 ARIZONA U.S.A.

HARD COPY... As Built Plans Forest Svc. Rd. No. 70. CHECKED BY: Dennis G. Guerrero



VICINITY MAP
Scale 1"=1000'
3 of 3

REDUCED SIZE DO NOT SCALE

CURVE DATA

Curve No.	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
Δ	47°35' Rt.	62°10' Rt.	30°35' Rt.	67°14' Lt.	22°08.5' Rt.	2°46' Rt.	62°48' Lt.	59°27' Lt.	34°02' Lt.	45°08' Rt.	46°12.45' Lt.
D	3°	8°	5°	16°	8°	2°	38°	38°	30°	20°	20°
R	1910.1'	716.6'	1146.3'	358.1'	716.3'	2865.0'	150.8'	150.8'	191.0'	286.5'	286.5'
L	1586.1'	777.1'	611.7'	420.21'	276.77'	138.34'	165.26'	156.45'	113.44'	225.66'	231.06'
T	842.0'	431.8'	313.32'	238.09'	140.14'	69.20'	92.04'	86.09'	58.46'	119.06'	122.24'
P.C. Sta.				321+04.51	315+59.44	306+39.04	301+48.80	299+11.41	297+14.88	292+66.09	283+58.46
P.T. Sta.				325+24.72	318+36.21	307+72.38	303+14.06	300+67.86	298+28.32	294+91.75	285+89.52

Curve No.	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)
Δ	25° 40' Rt.	48° 40' Rt.	67° 40' Lt.	21° 04' Rt.	86° 00' Rt.	51° 33.5' Rt.	12° 18.5' Rt.	52° 47' Lt.	40° 48' Rt.	23° 06' Rt.	48° 14' Lt.	12° 03' Lt.	128° 46' Lt.	52° 43' Rt.	16° 59.5' Rt.	58° 46' Rt.	50°	46° 30' Rt.	45° 54' Lt.	16° 46.5' Lt.	31° 20.5' Lt.	52° 16' Lt.	18° 29' Rt.	23° 47' Lt.	28° 01' Lt.	23° 04' Rt.	35° 31' Rt.	47° 14' Rt.	68° 29' Rt.	52° 32' Lt.	90° 51' Lt.	12° 44' Lt.	53° 05.5' Rt.
D	12°	14°	30°	10°	38°	32°	10°	12°	16°	20°	32°	10°	38°	24°	20°	20°	30°	38°	10°	20°	38°	38°	38°	24°	20°	20°	16°	30°	32°	38°	10°	20°
R	478.34'	410.3'	193.2'	573.7'	150.8'	179.1'	573.0'	477.5'	358.1'	286.5'	179.1'	573.0'	150.8'	238.8'	286.5'	286.5	150.8'	150.8'	573.0'	286.5'	150.8'	150.8'	150.8'	238.8'	286.5'	286.5'	358.1'	191.0'	179.1'	150.8'	573.0'	286.5'
L	213.9'	347.62'	225.56'	210.66'	226.32'	161.12'	123.08'	439.86'	255.00'	115.5'	150.72'	120.5'	338.86'	219.65'	84.96'	293.83'	122.37'	120.79'	67.75'	156.71'	137.54'	48.64'	62.59'	116.70'	115.33'	177.58'	295.21'	228.28'	164.19'	239.08'	127.33'	265.46'
T	108.77'	185.07'	128.02'	106.54'	140.6'	86.48'	61.79'	236.95'	133.19'	58.55'	80.16'	60.47'	314.51'	118.30'	42.80'	161.33'	64.78	63.85'	84.49	80.38'	78.98'	24.53'	31.76'	59.54	58.46'	91.76'	156.59'	130.01'	88.38'	153.04'	63.94'	143.13'
P.C. Sta.	274+36.7	268+26.73	264+84.9	257+59.9	319+81.98	314+19.65	309+58.79	298+43.40	294+57.81	288+30.51	284+06.55	280+33.41	274+85.01	271+92.51	263+95.58	260+26.77	257+20.30	254+68.10	247+86.07	236+48.51	235+05.62	232+40.53	231+22.48	229+82.46	225+95.82	220+04.49	215+53.21	213+09.77	209+93.03	206+23.08	204+56.46	196+82.95
P.T. Sta.	276+50.6	271+74.4	267+10.5	259+70.6	322+08.30	315+80.77	310+81.87	302+83.26	297+12.81	289+46.01	285+57.27	281+53.91	278+23.87	274+12.16	264+80.54	263+20.60	258+42.67	255+88.89	249+53.82	238+05.28	236+43.16	232+89.17	231+85.07	230+99.16	227+11.15	221+82.07	218+48.42	215+38.05	211+57.22	208+62.16	205+93.79	199+48.41

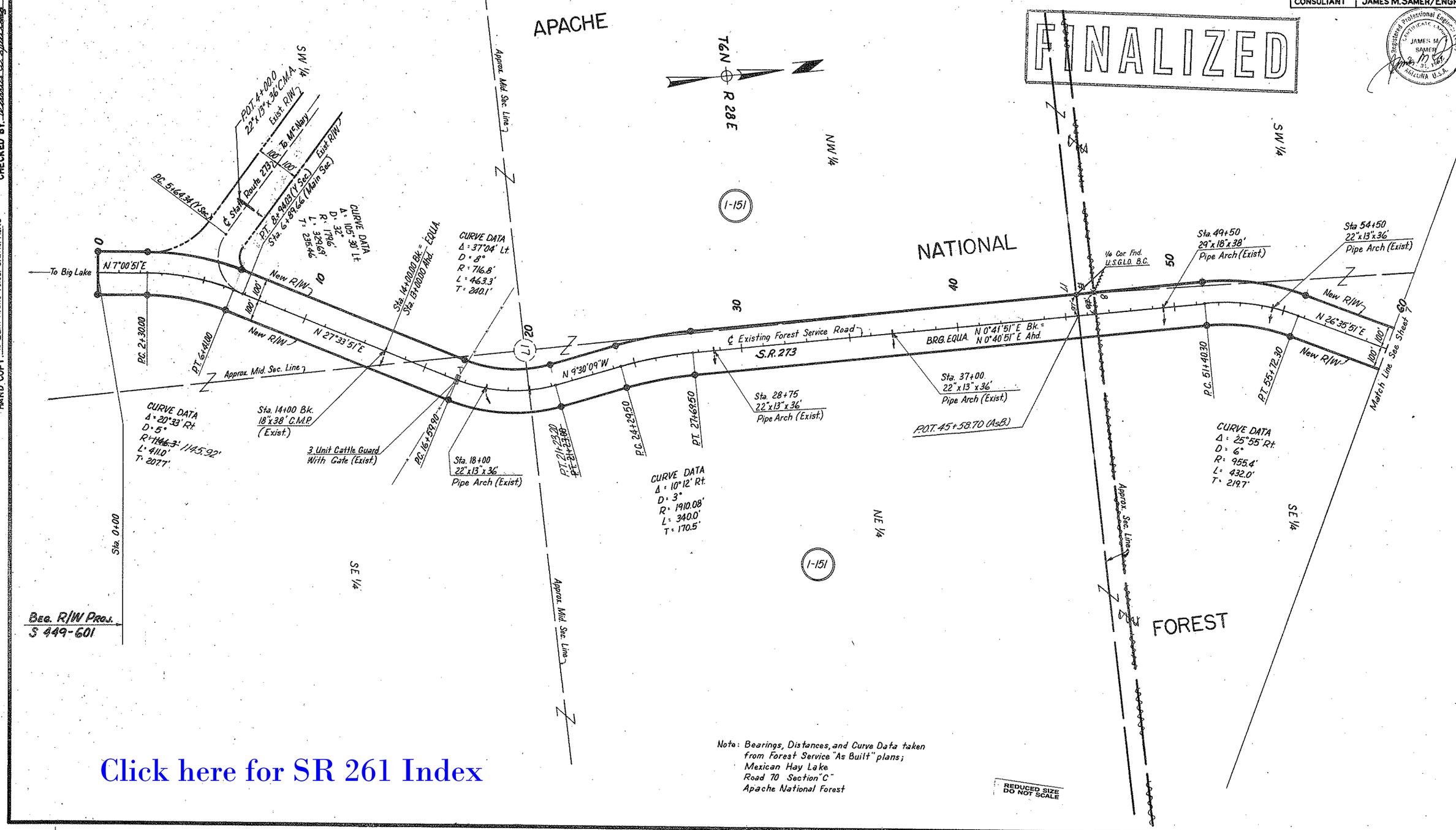
Curve No.	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)	(101)	(102)	(103)	(104)
Δ	82°17'45" Rt.	31° 18.5' Lt.	43° 23.5' Lt.	56° 22' Lt.	72° 39' 30" Rt.	66° 58' Rt.	78° 09' Rt.	18° 42' Lt.	63° 40' Lt.	23° 09' Rt.	51° 18' Lt.	70° 59' Lt.	13° 25' 30" Lt.	22° 29' Rt.	15° 17' 30" Lt.	11° 49' Rt.	28° 08' 30" Lt.	29° 18' 30" Rt.	30° 02' Rt.	38° 00' Lt.	31° 01' Lt.	55° 00' Rt.	6° 55' Rt.	29° 50' 30" Rt.	25° 30' 05" Lt.	20° 58' 15" Lt.	60° 01' 30" Rt.	24° 00' 27" Lt.	26° 13' Rt.	15° 25' Lt.	29° 46' Rt.	14° 29' Lt.
D	30°	20°	30°	38°	38°	38°	38°	20°	38°	20°	38°	32°	20°	16°	10°	16°	24°	8°	20°	20°	20°	38°	4°	8°	6°	5°	10°	5°	8°	8°	12° 30'	8°
R	191.0	286.5'	191.0'	150.6'	150.8'	150.6'	150.8'	286.5'	150.6'	286.5'	150.8'	179.0'	286.5'	358.1'	573.0'	358.1'	238.8'	716.3'	286.5'	286.5'	286.5'	150.6'	1432.50'	716.25'	955.00'	1146.00'	572.96'	1146.00'	716.30'	716.30'	458.40'	716.30'
L	274.32'	156.54'	144.64'	148.33'	191.2'	176.23'	205.66'	93.50'	167.54'	115.75'	135.00'	221.82'	67.13'	140.52'	152.92'	78.85'	117.25'	366.36'	150.17'	190.0'	155.58'	144.74'	172.92'	373.02'	425.02'	419.42'	600.25'	480.15'	327.70'	192.70'	238.20'	181.04'
P.C. Sta.	192+97.70	187+49.77	185+87.39	183+12.11	181+01.03	178+93.26	171+61.52	165+94.82	163+49.24	161+07.00	158+73.84	155+30.56	150+63.32	147+90.32	145+12.12	142+19.83	138+93.99	135+16.66	132+62.15	129+85.76	125+91.08	123+40.33											
P.T. Sta.	195+72.02	189+06.31	187+32.03	184+60.44	182+92.24	180+69.49	173+67.18	166+88.92	165+16.78	162+22.75	160+08.84	157+52.38	151+30.35	149+30.84	146+65.04	142+93.68	140+11.24	138+83.03	134+12.32	131+75.76	127+46.66	124+85.01											

BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5388	6-6-79	R.L.R.	FINALIZED.

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	6 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1" = 200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED



Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "C" Apache National Forest

REDUCED SIZE DO NOT SCALE

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HARD COPY As Built Plans Forest Sec. Rd. No. 70 CHECKED BY Dennis W. Spurlock

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BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5388	6-6-79	R.L.R.	FINALIZED.

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	7 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1" = 200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

Registered Professional Engineer (Civil) CERTIFICATE CANCELLED JAMES M. SAMER DEC. 31, 19 79 MALONA U.S.A.

HARD COPY As Built Plans Forest Sv. Rd. No. 70 CHECKED BY

T6N R28E

APACHE NATIONAL FOREST

FOREST

Approx. Mid. Sec. Line

Approx. Sec. Line

Sec. Line

Match Line See Sheet 6

Match Line See Sheet 8

New R/W

100'

60

70

80

90

100

110

120

Sta 64+50
36"x60' C.M.P.
Skew 45°
(Exist.)

Sta. 70+00
22"x13"x36'
Pipe Arch (Exist)

Sta. 75+00
22"x13"x36'
Pipe Arch (Exist)

Sta. 80+00
22"x13"x36'
Pipe Arch (Exist)

Sta. 94+00
18"x44' C.M.P.
(Exist.)

Black River

N 26°35'51"E
℄ Existing Forest Service Road
Exist 4 B/W Fence

S.R. 273

Sta. 100+35 6.7'
8'-10"x6'-1"x84' Pipe Arch
(Exist.)

Sta. 104+00
24"x56' C.M.P.
(Exist.)

Sec. Cor. Tie
P.O.T. 103+60.40

S 72°56'09"E
150.0'

P.C. 106+18.7

Sta. 112+00
22"x13"x36'
Pipe Arch (Exist.)

CURVE DATA
Δ = 71°00' Lt.
D = 20°
R = 287.9'
L = 355.0'
T = 204.4'

P.C. 111+66.0

P.T. 113+76.0

Sta. 115+00
3 Unit Cattle Guard
With Gate (Exist.)

N 2°24'09"W

N 44°24'09"W

CURVE DATA
Δ = 42°00' Rt.
D = 20°
R = 287.9'
L = 210.0'
T = 110.0'

P.T. 109+70.7

Sec. Cor. Fnd.
G.L.O. B.C.

1-151

1-151

1-151

1-151

1-151

Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "C" Apache National Forest

REDUCED SIZE DO NOT SCALE

BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

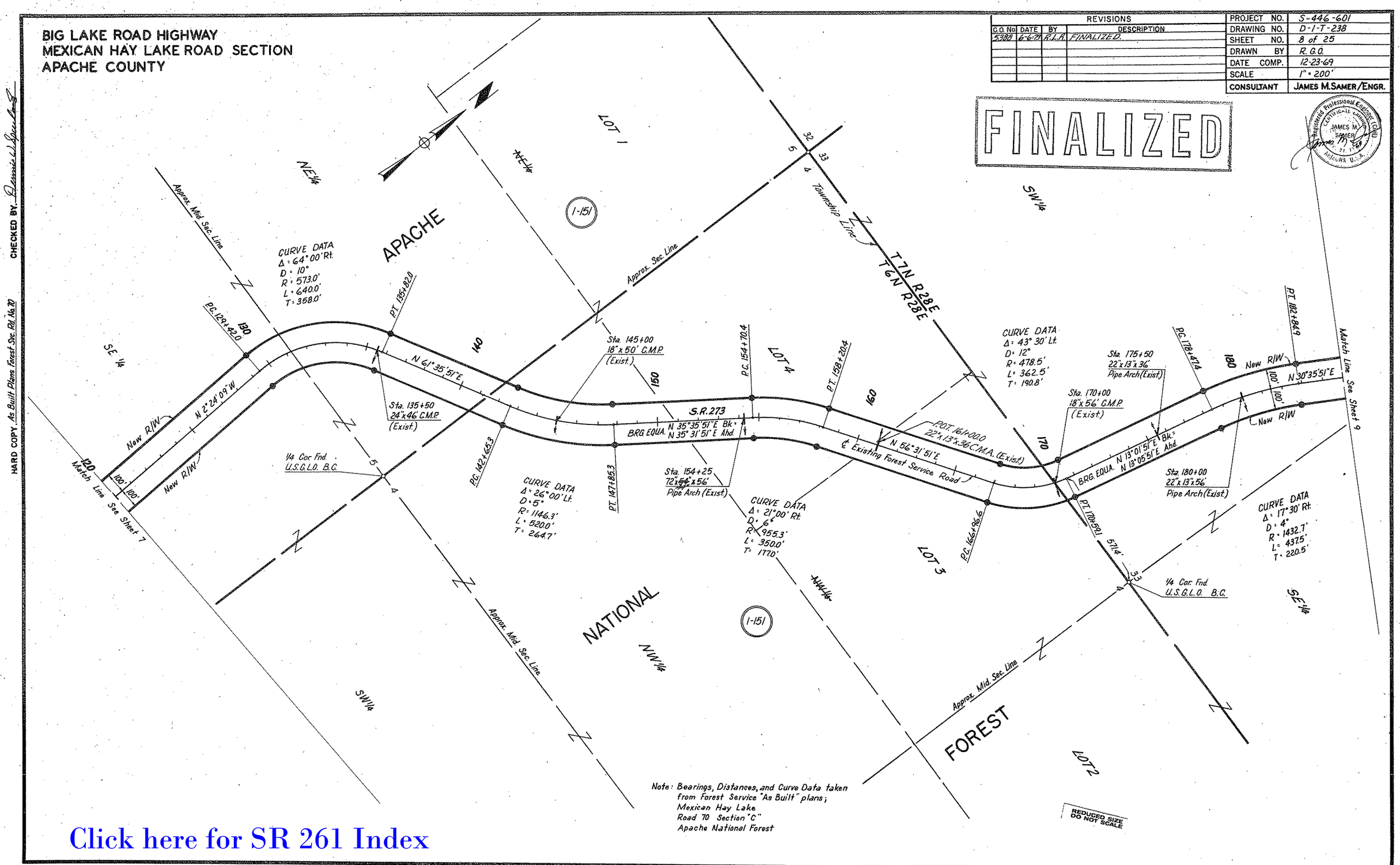
REVISIONS			
C.O. No	DATE	BY	DESCRIPTION
5388	6-6-79	R.L.R.	FINALIZED.

PROJECT NO.	S-446-601
DRAWING NO.	D-1-T-238
SHEET NO.	8 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1" = 200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

Registered Professional Engineer (Civil) CERTIFICATE EXPIRES JAMES M. SAMER ARIZONA U.S.A.

HARD COPY As Built Plans Forest Svc. Rd. No. 70 CHECKED BY Dennis W. Spencer



Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "C" Apache National Forest

REDUCED SIZE DO NOT SCALE

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BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5388	6-6-79	R.L.R.	FINALIZED

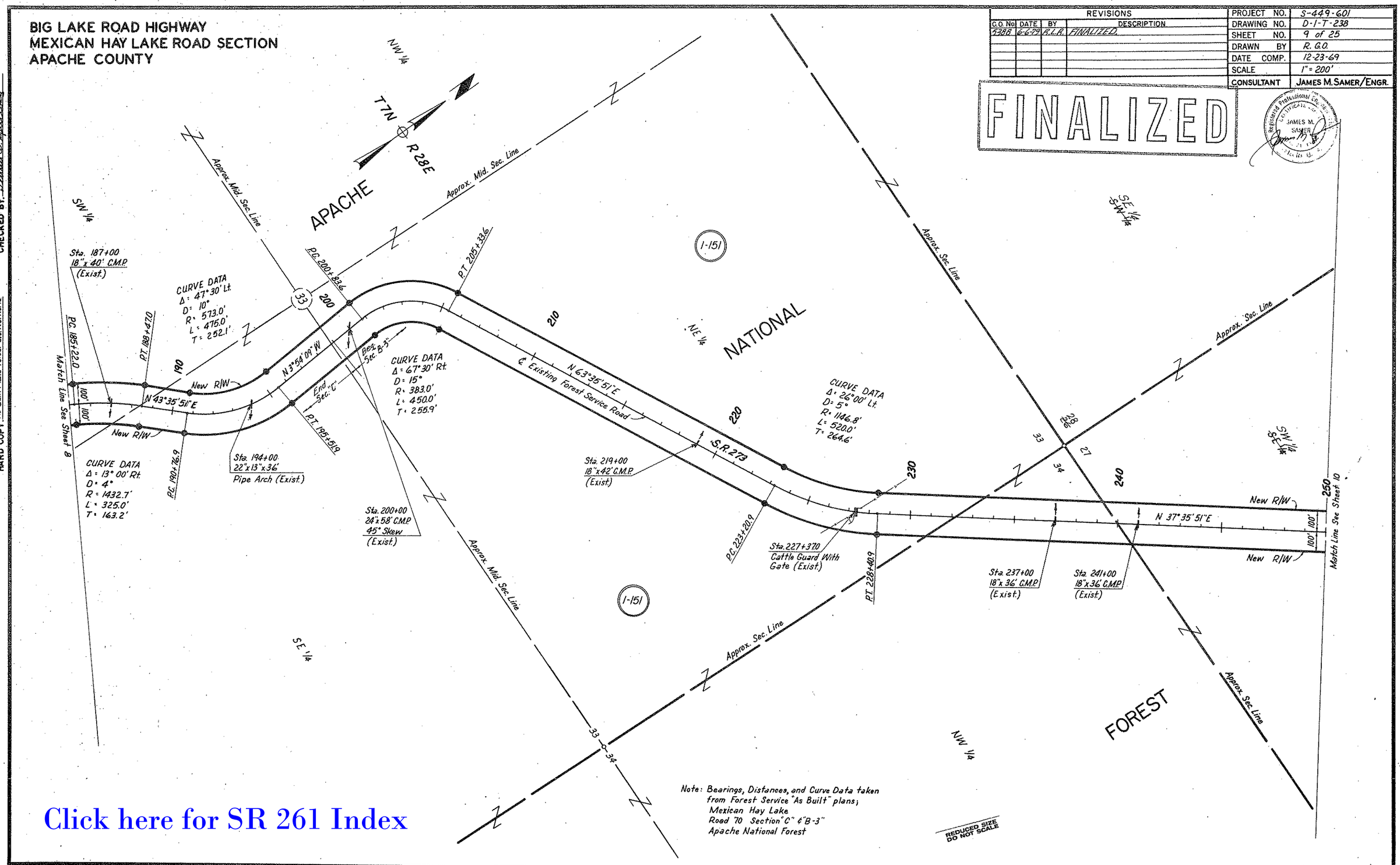
PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	9 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1" = 200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

Registered Professional Engineer
CERTIFICATE
JAMES M. SAMER

HARD COPY As Built Plans Forest Svc. Rd. No. 70

CHECKED BY



Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "C" & "B-3" Apache National Forest

REDUCED SIZE DO NOT SCALE

Click here for SR 261 Index

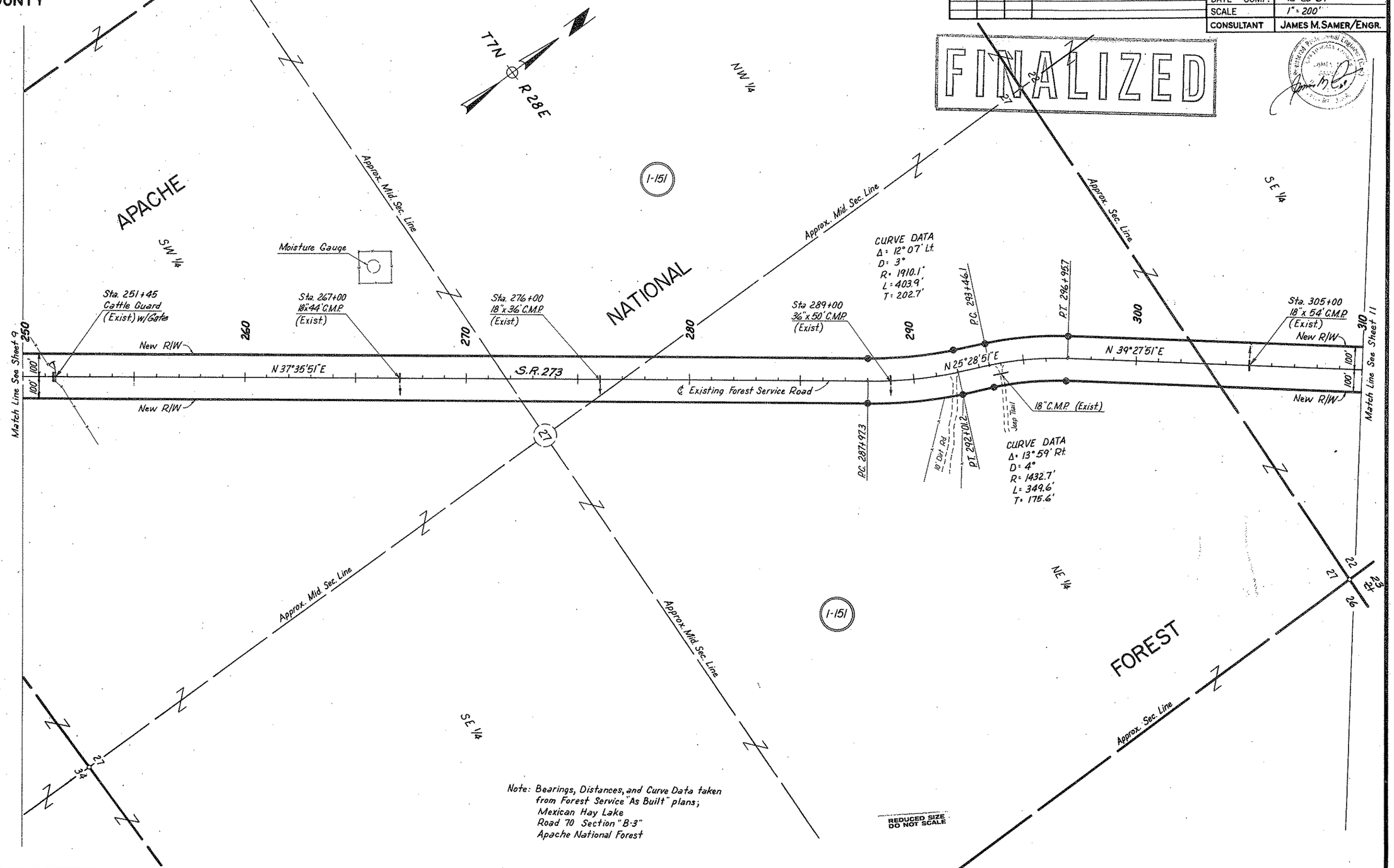
BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

Click here for SR 261 Index

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5388	6-6-79	R.L.R.	FINALIZED.

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	10 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1" = 200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

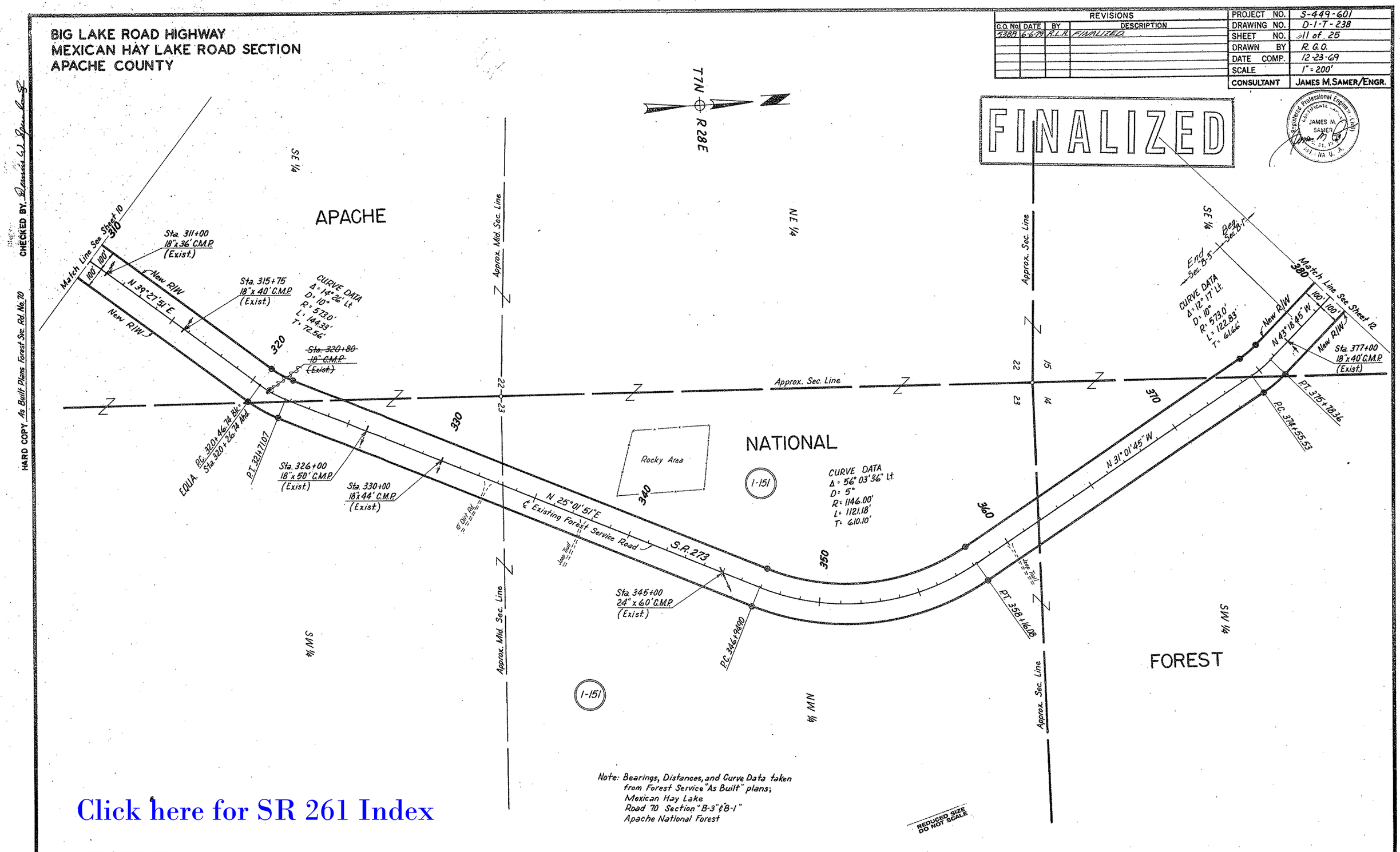


Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "B-3" Apache National Forest

REDUCED SIZE DO NOT SCALE

HARD COPY As Built Plans Forest Svc. Rd. No. 70

CHECKED BY


BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY
REVISIONS
C.O. No. DATE BY DESCRIPTION
5388 6-6-79 R.L.R. FINALIZED
PROJECT NO. S-449-601
DRAWING NO. D-1-T-238
SHEET NO. 11 of 25
DRAWN BY R.G.O.
DATE COMP. 12-23-69
SCALE 1" = 200'
CONSULTANT JAMES M. SAMER/ENGR.
FINALIZED
T7N R28E
APACHE
NATIONAL
FOREST
Rocky Area
Approx. Mid. Sec. Line
Approx. Sec. Line
Match Line See Sheet 10
Match Line See Sheet 12
Sta. 311+00 18"x36' C.M.P. (Exist.)
Sta. 315+75 18"x40' C.M.P. (Exist.)
CURVE DATA Δ = 14°26' Lt. D = 10° R = 573.0' L = 144.33' T = 72.56'
Sta. 320+80 18" C.M.P. (Exist.)
Sta. 326+00 18"x50' C.M.P. (Exist.)
Sta. 330+00 18"x44' C.M.P. (Exist.)
Sta. 345+00 24"x60' C.M.P. (Exist.)
Sta. 377+00 18"x40' C.M.P. (Exist.)
CURVE DATA Δ = 12°17' Lt. D = 10° R = 573.0' L = 122.83' T = 61.66'
CURVE DATA Δ = 56°03'36" Lt. D = 5° R = 1146.00' L = 1121.18' T = 610.10'
N 39°27'51"E
N 25°01'51"E
N 31°01'45"W
N 43°18'45"W
New R/W
EQUA. P.C. 320+46.74 Bk. Sta. 320+26.74 Ahd.
P.T. 321+71.07
P.C. 346+94.90
P.T. 358+16.08
P.C. 374+55.53
P.T. 375+78.36
S.R. 273
℄ Existing Forest Service Road
10' Dirt Rd.
Jeep Trail
End Sec. B-3
Beg. Sec. B-1
1-151
Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "B-3" & "B-1" Apache National Forest
REDUCED SIZE DO NOT SCALE
HARD COPY As Built Plans Forest Svc. Rd. No. 70
CHECKED BY
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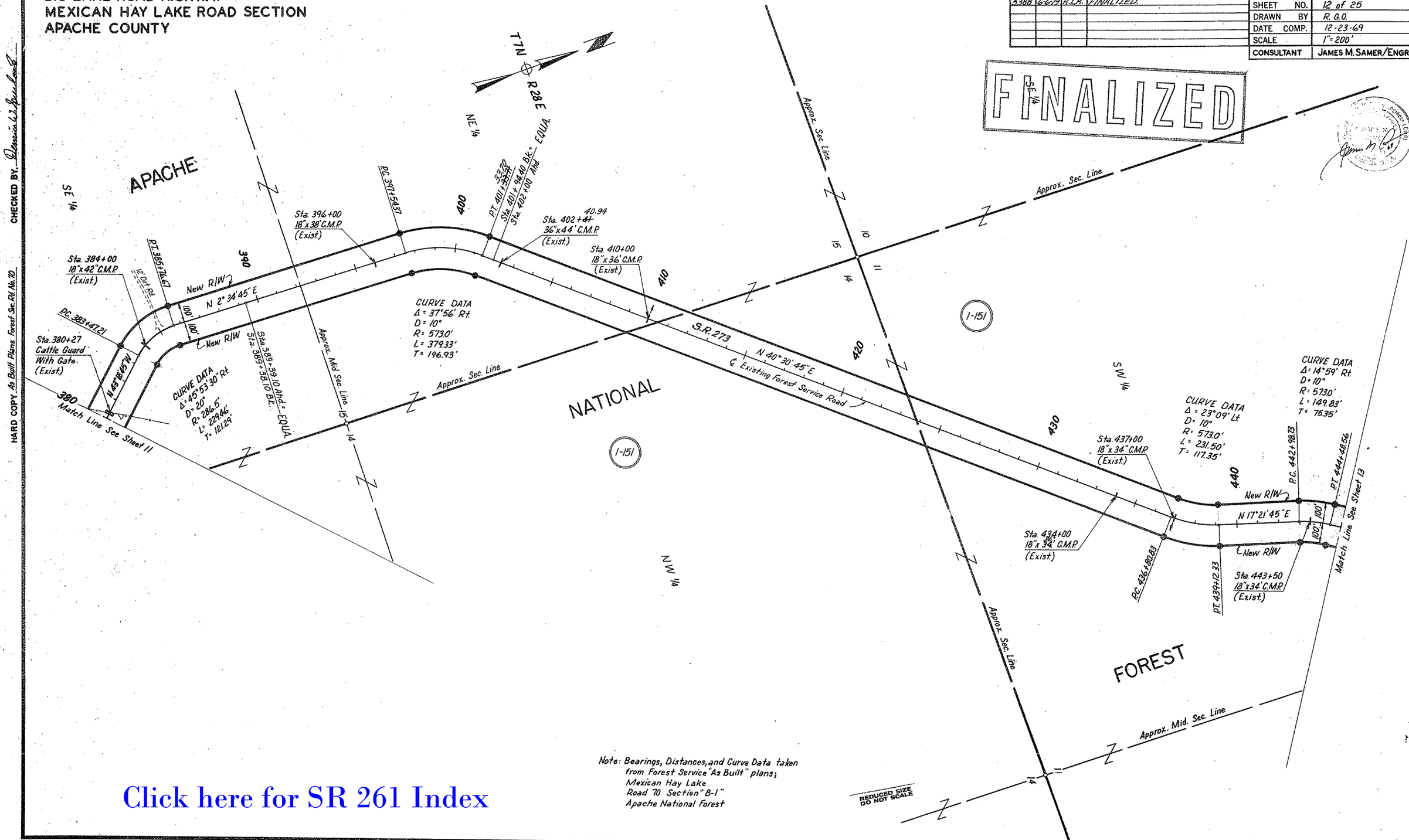
BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5388	6-6-79	R.L.R.	FINALIZED.

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	12 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1"=200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED



Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "B-1" Apache National Forest

HARD COPY As Built Plans Forest Sec. Rd. No. 70

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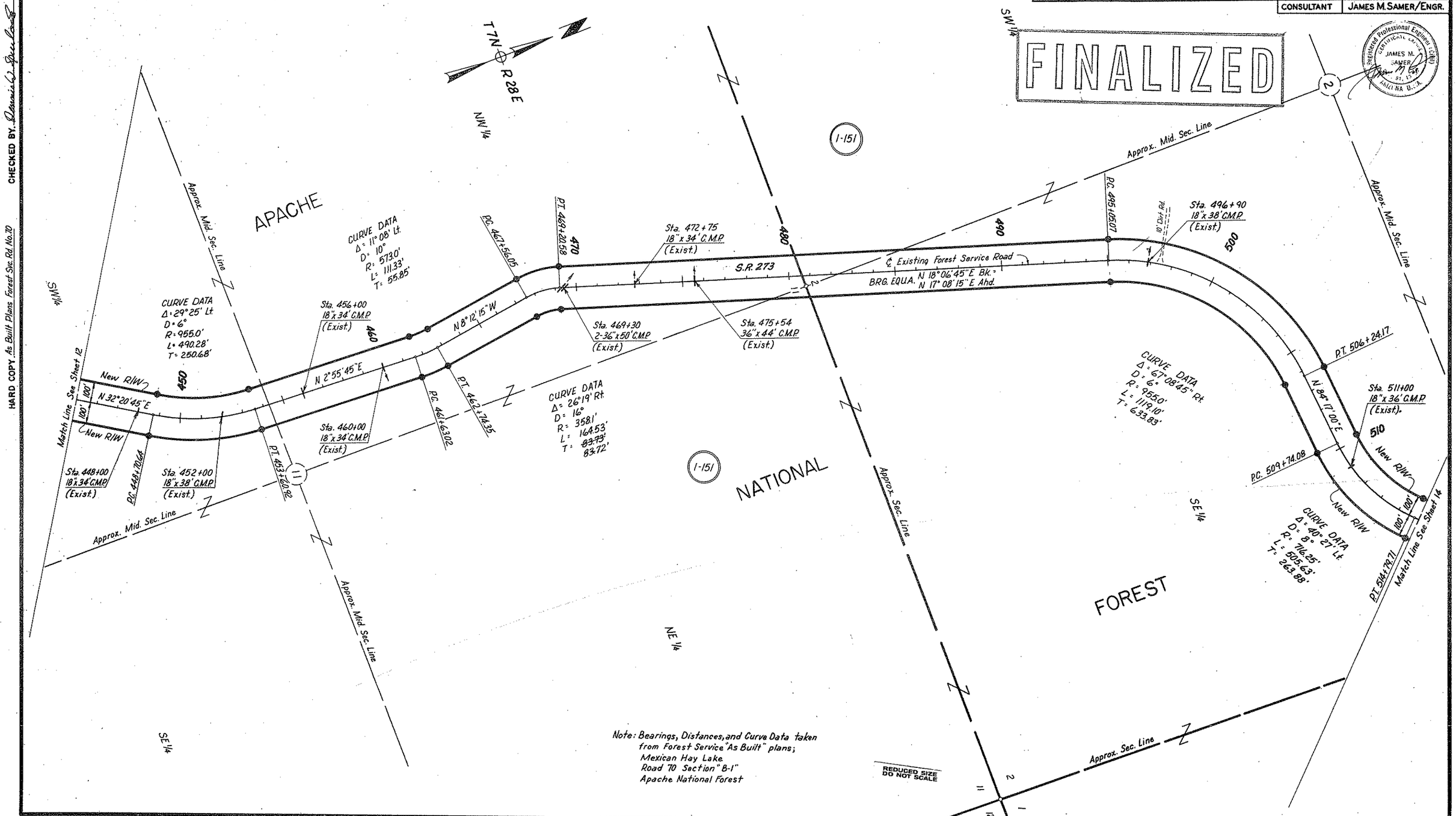
BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

Click here for SR 261 Index

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5388	6-6-79	B.L.R.	FINALIZED

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	13 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1" = 200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED



Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "B-1" Apache National Forest

HARD COPY As Built Plans Forest Svc. Rd. No. 70

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BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5388	6-6-79	A.L.R.	FINALIZED

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	14 of 25
DRAWN BY	R. G. O.
DATE COMP.	12-23-69
SCALE	1" = 200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

CHECKED BY: Dennis G. Spradlin

HARD COPY. As Built Plans Forest Svc. Rd. No. 70

APACHE

MEXICAN HAY LAKE

NATIONAL

FOREST

T3N R28E

LOT 1

LOT 2

LOT 3

LOT 4

S½ NE¼

S½ NW¼

SE¼

NE¼

NW¼

SW¼

Match Line See Sheet 13

Match Line See Sheet 15

Sta. 516+25
24"x36' C.M.P.
(Exist.)

New R/W

100'

520

N43°50'00"E

530

Sta. 526+00
18"x36' C.M.P.
(Exist.)

Section B-1

N43°50'00"E (Sec. B-1) =
N44°49'00"E (Sec. A) BRG. EQUA.

Approx. Sec. Line

Approx. Mid. Sec. Line

Approx. Twp. Line

CURVE DATA
Δ = 47° 35' Rt.
D = 3°
R = 1910.1'
L = 1586.1'
T = 842.0'

POT
~~Sta. 532+14.00~~ (Section B-1) =
~~Sta. 383+98.11~~ (Section A)
EQUA.
~~Rt.~~ End

Section A

380

Sta. 381+65
36"x40' C.M.P.
(Exist.)

Sta. 374+00
18"x34' C.M.P.
(Exist.)

370

360

350

1-151

CURVE DATA
Δ = 62° 10' Rt.
D = 8°
R = 716.6'
L = 777.1'
T = 431.8'

S.R. 273

S 2°46'00"E

℄ Existing Forest Service Road

PC 368+12.00

PT 353+37.28

Sta. 361+00
18"x36' C.M.P.
(Exist.)

Sta. 346+00
18"x34' C.M.P.
(Exist.)

PC 345+60.70

S 64°56'00"E

340
10° Dirl Rt.

Sta. 332+12.65 Bk. =
PT 332+11.09 Ahd. EQUA.

Sta. 331+00
18"x42' C.M.P.
(Exist.)

330

320

PC 321+04.51

CURVE DATA
Δ = 67° 14' Lt.
D = 16°
R = 358.1'
L = 420.21'
T = 238.09'

New R/W

100'

Sta. 324+50
18"x34' C.M.P.
(Exist.)

PT 325+24.72

CURVE DATA
Δ = 30° 35' Rt.
D = 5°
R = 1146.3'
L = 611.7'
T = 313.32'

Sta. 328+26
Cattle Guard
With Gate (Exist.)

S 84°29'00"W

PC 326+00.68

Sta. 320+00
18"x60' C.M.P.
(Exist.)

Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "A" & B-1 & "A" Apache National Forest

REDUCED SIZE
DO NOT SCALE

BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

REVISIONS			
C.O No.	DATE	BY	DESCRIPTION
5388	6-6-79	R.L.A.	FINALIZED.

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	15 of 25
DRAWN BY	R. G. O.
DATE COMP.	12-23-69
SCALE	1" = 200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

HARD COPY As Built Plans Forest Svc. Rd. No. 70 CHECKED BY Dennis D. Gurule

T8N R28E

APACHE NATIONAL FOREST

I-151

Approx. Sec. Line

Approx. Mid. Sec. Line

Match Line See Sheet 16

Match Line See Sheet 14

P.C. 284+06.55

Sta. 284+25 18"x34' C.M.P. (Exist.)

CURVE DATA Δ = 48° 14' Lt. D = 32° R = 179.1' L = 150.72' T = 80.16'

P.T. 285+57.27

S 84°32'45" E

P.C. 289+30.51

P.T. 289+46.01

CURVE DATA Δ = 23° 06' Rt. D = 20° R = 286.5' L = 115.5' T = 58.55'

240

New R/W

100' 100'

S 61° 26' 45" E

P.C.C.M.P. 18"x36" C.M.P. P.O.T. 290+00.0

P.C. 294+57.81

Exist. Gate

Approx. Sec. Line

CURVE DATA Δ = 40° 48' Rt. D = 16° R = 358.1' L = 255.00' T = 133.19'

P.C. 298+43.40

P.T. 297+12.81

S 20°38'45" E

P.C.C.M.P. 18"x34" C.M.P. P.O.C. 299+50.0

300

Jeep Trail

CURVE DATA Δ = 52° 47' Lt. D = 12° R = 477.5' L = 439.86' T = 236.95'

Sec. Cor. Fnd. U.S.G.L.O. B.C.

P.T. 302+83.26

651.33'

S 73°25'45" E

P.C.C.M.P. 18"x48" C.M.P. P.O.T. 304+00.0

CURVE DATA Δ = 12° 18' 30" Rt. D = 10° R = 573.0' L = 123.08' T = 61.79'

P.C. 309+58.79

P.T. 310+81.87

Sta. 311+31.8 Bk.

Sta. 311+00.0 Ahd. EQUA.

Sta. 312+00 18"x34" C.M.P. (Exist.)

P.C. 314+19.65

S 64°07'15" E

CURVE DATA Δ = 51° 33' 30" Rt. D = 32° R = 179.1' L = 161.12' T = 86.48'

P.T. 315+80.77

Sta. 316+00 18"x34" C.M.P. (Exist.)

P.C. 319+81.98

S 9°33'45" E

Approx. Sec. Line

SW 1/4

CURVE DATA Δ = 59° 27' Lt. D = 38° R = 150.8' L = 156.45' T = 86.09'

P.C. 299+11.41

P.T. 298+28.32

CURVE DATA Δ = 34° 02' Lt. D = 30° R = 191.0' L = 113.44' T = 58.46'

CURVE DATA Δ = 45° 08' Rt. D = 20° R = 286.5' L = 225.66' T = 118.06'

P.C. 297+14.88

CURVE DATA Δ = 62° 48' Lt. D = 38° R = 150.8' L = 165.26' T = 92.04'

P.T. 302+67.86

P.C. 301+48.80

300

S 69°03'30" W

S 9°26'30" W

N 76°54'30" W

290

P.T. 285+09.52

P.C. 283+58.46

S 57°57'30" W

Sta. 279+50 18"x34' C.M.P. (Exist.)

CURVE DATA Δ = 48°40' Rt. D = 14° R = 410.3' L = 347.62' T = 185.07'

Sta. 298+00 18"x40' C.M.P. (Exist.)

P.T. 294+91.76

Sta. 293+00 18"x34' C.M.P. (Exist.)

P.C. 292+66.09

#2 Gate (Exist.)

Jeep Trail

CURVE DATA Δ = 46° 12' 45" Lt. D = 20° R = 286.5' L = 231.06' T = 122.24'

℄ Existing Forest Service Road

S.R. 273

S 75°49'45" E

280

CURVE DATA Δ = 25°40' Rt. D = 12° R = 478.34' L = 259.9' T = 108.77'

P.T. 267+10.5

Sta. 266+00 18"x34" C.M.P. (Exist.)

P.C. 264+84.9

Jeep Trail

CURVE DATA Δ = 14° 06' Rt. D = 38° R = 150.8' L = 37.12' T = 18.66'

P.T. 303+14.00

Sta. 304+20 18"x48" C.M.P. (Exist.)

P.C. 306+34.04

P.T. 307+72.38

Jeep Trails

CURVE DATA Δ = 2° 46' Rt. D = 2° R = 2865.0' L = 138.34' T = 69.20'

Sta. 307+50 18"x48" C.M.P. (Exist.)

310

S 53°11'30" E

S 50°25'30" E

New R/W

New R/W

100' 100'

P.C. 315+59.44

Sta. 311+50 18"x40' C.M.P. (Exist.)

CURVE DATA Δ = 22° 08' 30" Rt. D = 8° R = 716.3' L = 276.77' T = 140.14'

Sta. 316+00 18"x44' C.M.P. (Exist.)

P.T. 318+36.21

Sta. 320+00 18"x64' C.M.P. (Exist.)

S 28°17'00" E

320

NATIONAL FOREST

NE 1/4

P.T. 276+50.6

P.C. 274+36.7

P.T. 271+76.4

S 78°30'15" W

270

S 29°50'15" W

Sta. 273+00 18"x36' C.M.P. (Exist.)

#2 Gate (Exist.)

Jeep Trail

P.C. 268+26.73

CURVE DATA Δ = 21° 04' Rt. D = 10° R = 573.7' L = 210.66' T = 106.54'

N 82°29'45" W

260

Sta. 258+50 18"x34" C.M.P. (Exist.)

320

S 76°26'15" W

CURVE DATA Δ = 47°40' Lt. D = 30° R = 193.2' L = 225.56' T = 128.02'

Sta. 259+76.6 Ahd. EQUA. P.T. 259+70.6 Bk.

P.C. 257+54.9

Sta. 255+63.35 Ahd. EQUA. P.T. 322+08.30 Bk.

CURVE DATA Δ = 86° 00' Rt. D = 38° R = 150.8' L = 226.32' T = 140.61'

Sta. 255+70 18"x48" C.M.P. (Exist.)

NW 1/4

Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "A" Apache National Forest

REDUCED SIZE DO NOT SCALE

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BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

REVISIONS				
C.O. No	DATE	BY	DESCRIPTION	
5388	6-6-79	R.L.R.	FINALIZED.	

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	16 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1" = 200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

HARD COPY, As Built Plans, Forest Sec. Rd. No. 70 CHECKED BY: Dennis Li Bourdon

T8N R28E

APACHE NATIONAL FOREST

SE 1/4 NE 1/4 SW 1/4 NW 1/4

Approx. Sec. Line

Approx. Mid. Sec. Line

12' Dirt Rd.

S.R. 273 ℄ Existing Forest Service Road

10' Jeep Trail

16' Jeep Trail

New R/W

Match Line See Sheet 15

Match Line See Sheet 17

Sec. Cor. Fd. G.L.O. Brass Cap

P.O.T. 224+50.0, 18"x 34" C.M.P.

CURVE DATA Δ=31°20'30" Lt D=20° R=286.5' L=156.71' T=80.38'

P.C. 236+48.57 P.T. 238+05.28

CURVE DATA Δ=52°16' Lt D=38° R=150.8' L=137.54' T=73.98'

P.C. 236+143.16 P.C. 235+05.62

Sta. 233+00 18"x 42" C.M.P. (Exist.)

CURVE DATA Δ=23°47' Lt D=38° R=150.8' L=62.59' T=31.76'

P.T. 231+85.07

CURVE DATA Δ=28°01' Lt D=24° R=238.8' L=116.70' T=59.54'

P.C. 231+22.48 P.T. 230+99.16

P.T. 232+89.17 P.C. 232+40.53

CURVE DATA Δ=18°29' Rt D=38° R=150.8' L=48.64' T=24.53'

230 P.C. 229+82.46

Sta. 228+00 18"x 34" C.M.P. (Exist.)

P.T. 227+11.15

CURVE DATA Δ=23°04' Rt D=20° R=286.5' L=115.33' T=58.46'

P.C. 225+95.82

18"x 34" C.M.P.

CURVE DATA Δ=90°51' Lt D=38° R=150.8' L=239.08' T=153.04'

P.T. 209+62.16 P.C. 209+93.03

CURVE DATA Δ=52°32' Lt D=32° R=179.1' L=164.18' T=88.38'

P.C. 206+23.08 P.T. 205+93.79

P.T. 211+57.22 Sta. 210+50 18"x 34" C.M.P. (Exist.) Sta. 215+00 18"x 36" C.M.P. (Exist.)

210 220

Sta. 205+50 18"x 48" C.M.P. (Exist.)

P.C. 204+56.46

P.C. 213+09.77

CURVE DATA Δ=68°29' Rt D=30° R=191.0' L=228.28' T=130.01'

CURVE DATA Δ=53°05'30" Rt D=20° R=286.5' L=265.46' T=143.13'

P.C. 198+82.95 P.T. 195+72.02

P.T. 199+48.41 Sta. 197+50 18"x 36" C.M.P. (Exist.)

CURVE DATA Δ=82°17'45" Rt D=30° R=191.0' L=274.32' T=166.9'

P.C. 192+97.70

CURVE DATA Δ=12°44' Lt D=10° R=573.0' L=127.38' T=63.94'

CURVE DATA Δ=90°51' Lt D=38° R=150.8' L=239.08' T=153.04'

CURVE DATA Δ=128°46' Lt D=38° R=150.8' L=338.86' T=314.51'

P.C. 280+33.41 P.T. 278+23.87

280

S 24°15'45" E

P.T. 281+53.91

S 36°18'45" E

CURVE DATA Δ=12°03' Lt D=10° R=573.0' L=120.5' T=60.47'

P.C. 274+85.01 P.T. 274+12.16

S 75°29'45" E

270

P.C. 271+92.51

S 51°47'15" W

CURVE DATA Δ=52°43' Rt D=24° R=238.8' L=219.65' T=118.90'

Sta. 269+50 18"x 34" C.M.P. (Exist.)

P.T. 264+80.54

CURVE DATA Δ=45°54' Lt D=38° R=150.8' L=120.79' T=63.85'

Sta. 265+00 18"x 44" C.M.P. (Exist.)

P.C. 263+19.59 P.T. 263+20.60

CURVE DATA Δ=16°59'30" Rt D=20° R=286.5' L=84.96' T=42.80'

260

S 34°47'45" W

CURVE DATA Δ=58°46' Rt D=20° R=286.5' L=293.83' T=161.33'

P.C. 260+26.77

S 23°58'15" E

P.T. 255+88.89

P.C. 257+20.30

P.T. 258+42.67

CURVE DATA Δ=46°30' Rt D=30° R=150.8' L=122.37' T=64.78'

P.C. 254+68.10

Sta. 251+00 18"x 34" C.M.P. (Exist.)

250

S 24°34'15" E

Sta. 254+80.0 18"x 36" C.M.P. (Exist.)

CURVE DATA Δ=16°46'30" Lt D=10° R=573.0' L=167.75' T=84.49'

P.C. 249+53.82

P.T. 249+86.07

S 7°47'45" E

S 23°32'45" W

S 75°48'45" W

S 57°14'45" W

S 28°26'45" W

N 70°52'15" W

S 50°32'45" W

S 3°18'45" W

S 65°00'15" E

N 89°03'15" W

S 37°51'15" W

S 44°26'30" E

CURVE DATA Δ=35°31' Rt D=20° R=286.5' L=177.59' T=91.76

P.C. 220+04.49 P.T. 218+48.42

CURVE DATA Δ=47°14' Rt D=16° R=358.1' L=295.21' T=156.59'

P.C. 215+38.05 P.T. 215+53.21

1-151

1-151

26 25

24

NOTE: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "A" Apache National Forest

REDUCED SIZE DO NOT SCALE

Click here for SR 261 Index

Click here for SR 261 Index

BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5388	6-6-69	R.L.R.	FINALIZED.

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	17 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1"=200'
CONSULTANT	JAMES M. SAMER/ENGR.

FINALIZED

CHECKED BY: Dennis G. Spurlock

HARD COPY - As Built Plans Forest Svc. Rd. No. 10

T8N R28E

APACHE NATIONAL FOREST

Approx. Sec. Line

Sta. 153+00 Eager Municipal Pipe Line

"T" Gate (Exist.)

Sta. 157+00 48"x66' C.M.P. (Exist.)

PT. 157+52.38

PC. 158+73.84

S 20°38'00"E

PT. 160+08.84

160

1/4 Cor. Fnd. U.S.G.L.O. B.C.

PC. 163+49.24

Sta. 163+00 18"x38' C.M.P. (Exist.)

N 67°39'00"E

PT. 165+16.78

PC. 165+94.82

PT. 166+38.32

N 48°51'00"E

170

Approx. Mid. Sec. Line

New R/W

100'

PT. 173+67.18

Sta. 166+50 18"x40' C.M.P. (Exist.)

PT. 187+32.03

PC. 187+49.77

Sta. 187+00 18"x36' C.M.P. (Exist.)

PC. 185+87.39

PT. 184+60.44

PC. 183+12.11

S 53°00'00"E

10' Imp. Trail

PC. 178+93.26

S 30°15'30"W

180

S 13°08'00"E

S 84°37'30"W

S 13°58'00"W

PT. 189+06.31

190

Match Line See Sheet 16

PT. 182+92.24

Sta. 181+20 18"x34' C.M.P. (Exist.)

PC. 181+00.03

PT. 180+69.49

1-151

PC. 155+30.56

PT. 151+30.35

PC. 150+63.32

150

PT. 146+65.04

PC. 145+12.12

Sta. 144+66 30"x54' C.M.P. (Exist.)

CURVE DATA
Δ = 11°49' Rt.
D = 16°
R = 358.1'
L = 18.85'
T = 37.06'

CURVE DATA
Δ = 28°08'30" Lt.
D = 24°
R = 238.8'
L = 117.25'
T = 59.84'

S 72°54'30"W

PT. 140+11.24

140

PC. 138+93.39

CURVE DATA
Δ = 29°18'30" Rt.
D = 8°
R = 716.3'
L = 366.36'
T = 187.30'

PT. 131+25.76

CURVE DATA
Δ = 38°00' Lt.
D = 20°
R = 286.50'
L = 190.00'
T = ~~98.60'~~ 99.65'

PC. 127+85.76

130

PT. 127+46.66

Sta. 127+00 30"x40' C.M.P. (Exist.)

CURVE DATA
Δ = 6°55' Rt.
D = 4°
R = 1432.50'
L = 172.92'
T = 86.57'

Sta. 122+80.50 18"x36' C.M.P. (Exist.)

PC. 125+91.00

S 27°41'00"W Abd.
S 26°47'43"W Bk.

BRG. EQUA.

P.O.T. 121+35.05 Cattle Guard With Gate (Exist.)

Sta. 92+35 18"x48' C.M.P. (Exist.)

Sta. 87+40 24"x154' C.M.P. (Exist.)

CURVE DATA
Δ = 29°50'30" Rt.
D = 8°
R = 716.25'
L = 373.02'
T = 190.86'

Sta. 74+94 24"x48' C.M.P. (Exist.)

PT. 74+94.58

Sta. 72+50 18"x42' C.M.P. (Exist.)

PC. 70+69.58

Watch Line See Sheet 18

New R/W

S 15°32'18"W

℄ New R/W

CURVE DATA
Δ = 25°30'05" Lt.
D = 6°
R = 955.00'
L = 425.02'
T = 216.11'

PC. 77+91.44

S 9°57'47"E

S 19°52'43"W

Existing Forest Service R/W

1-152 L1

℄ Existing Forest Service Road

PT. 81+64.46

Mid. Sec. Line

Sta. 84+50 18"x98' C.M.P. (Exist.)

Sta. 81+75 36"x138' C.M.P. (Exist.)

1/4 Cor. Fnd. U.S.G.L.O. B.C.

S 82°41'00"W

S 51°34'00"W

S.R. 273

S 13°34'00"W

S 43°36'00"W

S 44°46'00"W

S 56°35'00"W

S 41°17'30"W

S 63°46'30"W

S 50°21'00"W

PT. 162+22.75

PT. 149+30.84

PC. 161+07.00

Sta. 151+50 18"x44' C.M.P. (Exist.)

PC. 147+90.32

PT. 171+61.52

Sta. 169+20 18"x60' C.M.P. (Exist.)

CURVE DATA
Δ = 15°17'30" Lt.
D = 10°
R = 573.0'
L = 152.92'
T = 76.92'

PT. 142+98.68

PC. 142+19.83

PT. 138+83.03

Sta. 139+50 18"x40' C.M.P. (Exist.)

PC. 135+16.66

PT. 134+12.32

CURVE DATA
Δ = 30°02' Rt.
D = 20°
R = 286.5'
L = 150.17'
T = 76.85'

PC. 132+62.15

Sta. 134+00 18"x44' C.M.P. (Exist.)

Sta. 130+50 18"x34' C.M.P. (Exist.)

PT. 124+85.07

CURVE DATA
Δ = 31°07' Lt.
D = 20°
R = 286.5'
L = 155.58'
T = 79.76'

CURVE DATA
Δ = 55°00' Rt.
D = 38°
R = 150.6'
L = 144.74'
T = 78.49'

Sta. 121+29.84 Ahd. Resume Sec. "A"

Sta. 94+25.81 Bk.

PT. 94+40.89

PC. 123+40.33

S 82°46'27"W Abd.
S 82°39'35"W Bk.

PC. 92+35.99

End Re-alignment to Sec. "A"

EQUA.

Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "A" & Re-alignment to Sec. "A" Apache National Forest

CURVE DATA

Curve No.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	Ⓘ	Ⓙ	Ⓚ	Ⓛ	Ⓜ
Δ	31°18'30" Lt.	43°23'30" Lt.	56°22' Lt.	72°39'30" Rt.	66°58' Rt.	78°09' Rt.	18°42' Lt.	63°40' Lt.	23°09' Rt.	51°18' Lt.	70°59' Lt.	13°25'30" Lt.	22°29' Rt.
D	20°	30°	38°	38°	38°	38°	20°	38°	20°	38°	32°	20°	16°
R	286.5'	191.0'	150.6'	150.8'	150.6'	150.8'	286.5'	150.6'	286.5'	150.8'	179.0'	286.5'	358.1'
L	156.54'	144.64'	148.33'	191.21'	176.23'	205.66'	93.50'	167.54'	115.75'	135.00'	221.82'	67.13'	140.52'
T	80.28'	75.99'	80.79'	110.89'	99.74'	122.43'	47.18'	93.61'	58.68'	72.41'	127.68'	33.72'	71.18'

REDUCED SIZE DO NOT SCALE

Click here for SR 261 Index

BIG LAKE ROAD HIGHWAY
MEXICAN HAY LAKE ROAD SECTION
APACHE COUNTY

APACHE NATIONAL

FINALIZED

REVISIONS			
C.O No	DATE	BY	DESCRIPTION
2890	3-1-71	TEK	Par. 1-156: PT 5+22.94 Was PT 5+22.95
"	"	"	Added Parcel Bubble for Parcel 1-151
4401	11-17-75	C.R.P.	Deleted Parcels 1-153, 1-154 & 1-155
5388	6-6-79	R.L.A.	FINALIZED.

PROJECT NO.	S-449-601
DRAWING NO.	D-1-T-238
SHEET NO.	18 of 25
DRAWN BY	R.G.O.
DATE COMP.	12-23-69
SCALE	1"=200'
CONSULTANT	JAMES M. SAMER/ENGR.

HARD COPY. As Built Plans Forest Svc. Rd. No. 70 CHECKED BY. Dennis C. Faulkner

T8N R28E

NW 1/4 SW 1/4 SE 1/4 NE 1/4

Approx. Mid Sec. Line — Approx. Sec. Line — Mid. Sec. Line — Assumed Mid. Sec. Line — Assumed Sec. Line

Match Line See Sheet 17

P.T. 68+02.04 — P.C. 63+82.62 — P.T. 53+90.48 — P.C. 49+10.33 — P.T. 60+39.41 — P.C. 54+39.16 Ahd. — P.C. 54+37.40 Bk. — P.T. 43+29.05 — P.C. 15+46.35 Ahd. — P.T. 17+29.05 — P.C. 11+06.20 — P.T. 13+44.40 — P.C. 20+01.13 — P.T. 23+28.90

S 15°32'18" W — S 36°30'32" W — S 23°30'51" E — S 0°29'30" W — S 1°22'00" W — S.R. 273 — S 9°26'00" E — S 24°51'00" E — N 61°50'W — North ~ 890'(R) — North ~ 1190'(R) — N 38°40'W — 1320'(R)

New R/W — 100' — 60 — 50 — 40 — 30 — 20

CURVE DATA
Δ = 60°01'30" Rt.
D = 10°
R = 572.96'
L = 600.25'
T = 330.99'

CURVE DATA
Δ = 20°58'15" Lt.
D = 5°
R = 1146.00'
L = 419.42'
T = 212.10'

CURVE DATA
Δ = 24°00'27" Lt.
D = 5°
R = 1146.00'
L = 480.15'
T = 243.67'

CURVE DATA
Δ = 29°46' Rt.
D = 12°30'
R = 458.40'
L = 238.20'
T = 121.80'

CURVE DATA
Δ = 14°29' Lt.
D = 8°
R = 716.30'
L = 181.04'
T = 91.0'

CURVE DATA
Δ = 26°13' Rt.
D = 8°
R = 716.30'
L = 327.70'
T = 166.75'

CURVE DATA
Δ = 15°25' Lt.
D = 8°
R = 716.30'
L = 192.70'
T = 96.95'

Sta 8+70.75 to Sta. 10+93.5
Concrete Slab Bridge

Sta. 62+50 18"x42" CMP (Exist.)

Sta. 59+25 36"x158" C.M.P. (Exist.)

Sta. 53+55 24"x80" C.M.P. (Exist.)

Sta. 38+10

Sta. 40+50 18"x34" C.M.P. (Exist.)

Sta. 32+88.90 3'x8'x26' Box Culvert (Exist.)

Sta. 26+50 Cattle Pass 5'10"x66"x50' C.M.P. (Exist.)

Sta. 13+72 18"x50" CMP (Exist.)

Sta. 1+65 18"x50" C.M.P. (Exist.)

P.O.T. 7+81.60

P.O.T. 8+92.40

P.O.T. 11+29.40

Beg. Sec. 'A' Sta. 1+29.40 = Sta. 1151+70.0 State Road #73

P.C. 31+41.90

Bk. 51+22.94

1/4 Cor. Fnd. U.S.G.L.O. B.C.

S 1°22'00" W Bk = S 0°29'30" W Ahd. B.R.G. EQUA.

N 89°30'26" W 2654.94'

Beg. Realignment to Sec. 'A' at P.O.T. 46+00.0

End Section 'A'

¢ Existing Forest Service Road

Existing Forest Service R/W

10' Dirt Rd.

¼ Cor. Tie Sta. 37+05.16 Cattle Guard With Gate (Exist.)

R.E.A. Power Line CO-OP Navajo Easement 70' in width, as per Docket 118, pg. 254, dtd. 7-3-69

Deleted 11-17-75

Deleted 11-17-75

DELETED 11-17-75

DELETED 11-17-75

Diversion Dam — Little Colorado River — See Detail — South ~ 50'(R) — South ~ 1270'(R) — East ~ 970'(R) — Irr. Ditches — Dirt Rd.

#2 Gate (Exist.) — #2 Gate (Exist.)

To Greer — EQUA. Sta. 1151+70.0 — State Road #73 — (260') — New R/W — S 24°43'00" E — S 39°12'00" E

I-156 — I-156 L1 — I-151 — I-152 — I-152 L1 — I-154 — I-155 — I-153

END R/W PROJ. S-449-601

FOREST

Assumed Center Section 12 — 86.35' — ¢ Exist. Forest Service Rd. — P.O.T. 7+81.60 — 98°32' — 68.7' — 51°11'49" (Calc.) — P.O.T. 8+92.40

DETAIL OF TIES TO CENTER OF SECTION 12
Scale: 1" = 50'

Note: Bearings, Distances, and Curve Data taken from Forest Service "As Built" plans; Mexican Hay Lake Road 70 Section "A" & Re-alignment to Sec. 'A' Apache National Forest

REDUCED SIZE DO NOT SCALE