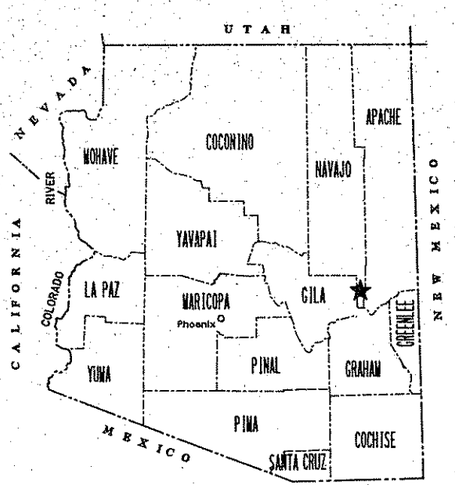
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	FINALIZED PLANS
9	ARIZ.	S-215-709	1	24	

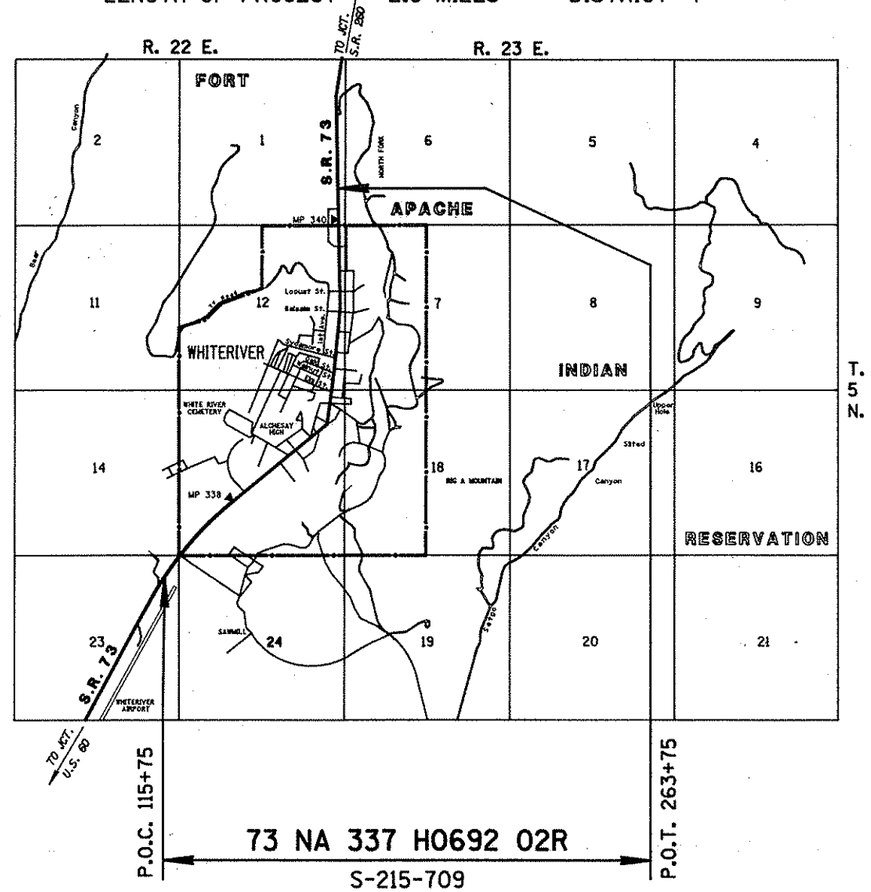


STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

RIGHT OF WAY PLAN OF THE
CARRIZO - INDIAN PINE HIGHWAY
WHITERIVER STREETS
73 NA 337 H0692 02R
S-215-709

LENGTH OF PROJECT 2.8 MILES DISTRICT 4

Click here for SR 73 Index



N

PRELIMINARY PRINT
FOR ENGINEERING USE ONLY
SUBJECT TO DESIGN CHANGES, ADDITIONS, ALTERATIONS & CORRECTIONS
DATE 5/11/93 BY Hadley

ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
APPROVED FOR RIGHT OF WAY ACQUISITION IN ACCORDANCE WITH RESOLUTION 92-12-A-83 DATED 12-18-92
GARY K. ROBINSON STATE ENGINEER

APPROVED IN ACCORDANCE WITH ROADWAY PLANS
DATE 1/14/93

CHIEF R/W AGENT
Robert Helmandollar

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED DATE

DIVISION ADMINISTRATOR

PUBLIC HEARING REQUIREMENTS CERTIFIED 7-28-92
ENVIRONMENTAL CLEARANCE 9-04-92
C & S REVIEW
BID SET REVIEW

DRAWING NO. D-9-T-308
SHEET NO. 1 OF 24

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 NO.	CHIEF R/W AGENT APPROVAL	INSTRUMENT: TYPE	INSTRUMENT: DATE	RECORDED: DATE	RECORDED: DOCUMENT
9-1028	U.S. Department of Interior Bureau of Indian Affairs White Mtn. Apache Indian Tribe	Pt. Lot 1, Sec. 23, T. 5 N., R. 22 E.	N/A	2.30 Ac.	0.30 Ac.	0.01 Ac. DE	N/A	N/A	4					
		Pt. Lot 2, Sec. 14, T. 5 N., R. 22 E.	N/A	0.17 Ac.	0.11 Ac.	0.29 Ac. TCE	N/A	N/A	4					
		Pt. NW¼, Sec. 24, T. 5 N., R. 22 E.	N/A	0.19 Ac.	0.13 Ac.	0.40 Ac. TCE	N/A	N/A	4					
		Pt. Sec. 13, T. 5 N., R. 22 E.	N/A	21.94 Ac.	6.51 Ac.	0.57 Ac. DE 6.97 Ac. TCE	N/A	N/A	4 - 9					
		Pt. E½E½, Sec. 12, T. 5 N., R. 22 E.	N/A	13.16 Ac.	1.77 Ac.	0.10 Ac. DE 3.61 Ac. TCE	N/A	N/A	9 - 13					
		Pt. E½SE¼, Sec. 1, T. 5 N., R. 22 E.	N/A	3.43 Ac.	0.69 Ac.	0.76 Ac. DE 0.25 Ac. TCE	N/A	N/A	13					
		Pt. Lot 1 & 2, Sec. 7, T. 5 N., R. 23 E.	N/A	NONE	NONE	0.35 Ac. DE 0.12 Ac. TCE	N/A	N/A	11 - 13					

REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION
8634	2-12-93	S.T.L.	See Change Order.

DRAWING NO.	D-9-T-308
HARD COPY	N/A
DRAWN/DATE	J.R. 12/92
CHECKED/DATE	J. HAVINS 12/92
RSC ROBERTSON SPECIALTY CONSULTANTS, INC. ENGINEERING & REAL ESTATE & RIGHT OF WAY	
ROUTE	S.R. 73
LOCATION	WHITERIVER STREETS

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE
PROJECT NO. S-215-709

SHEET 2 OF 24

TRACS NO. 73 NA 337 H0692 02R

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DATE: 21-Jan-93 12:22

oooooDGNoSPECIFICATIONoooooo VIEW NAME:
oooooSYSTEMEoooooo

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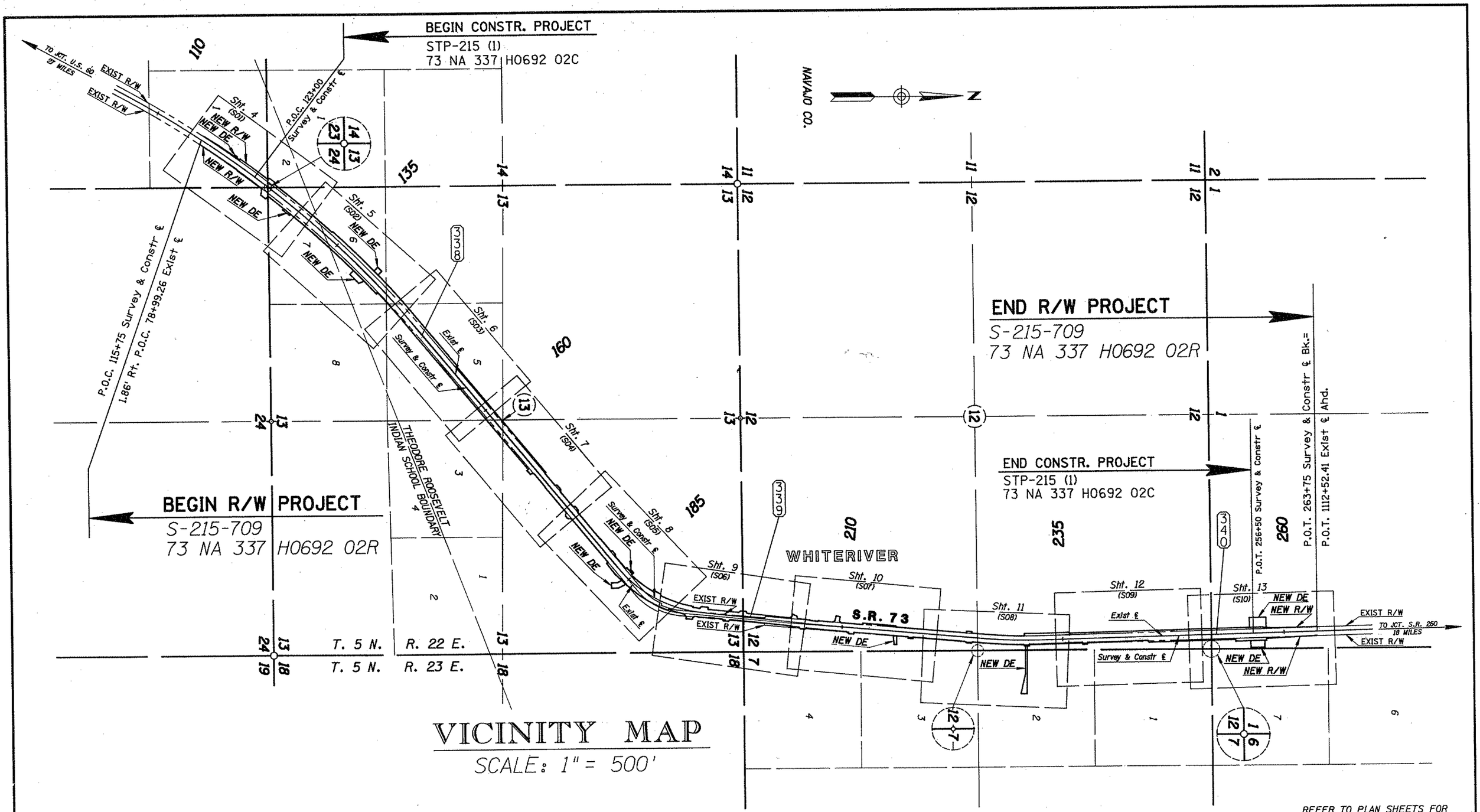

VICINITY MAP

SCALE: 1" = 500'

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

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HARD COPY	N/A	
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CHECKED/DATE	J. HAVINS	12/92

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ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE
PROJECT NO. S-215-709
ROUTE: S.R. 73
LOCATION: WHITERIVER STREETS

SHEET 3 OF 24

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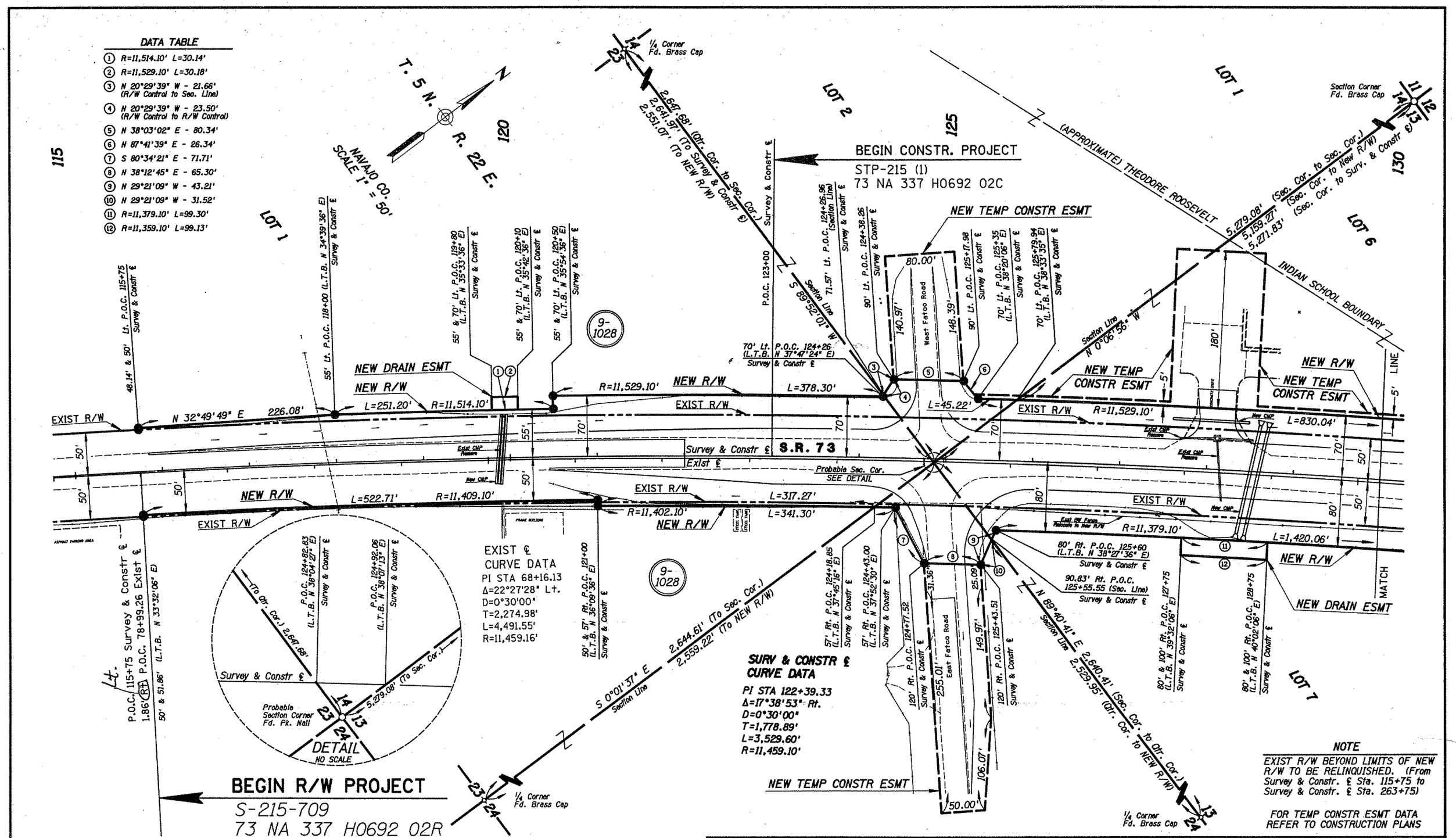

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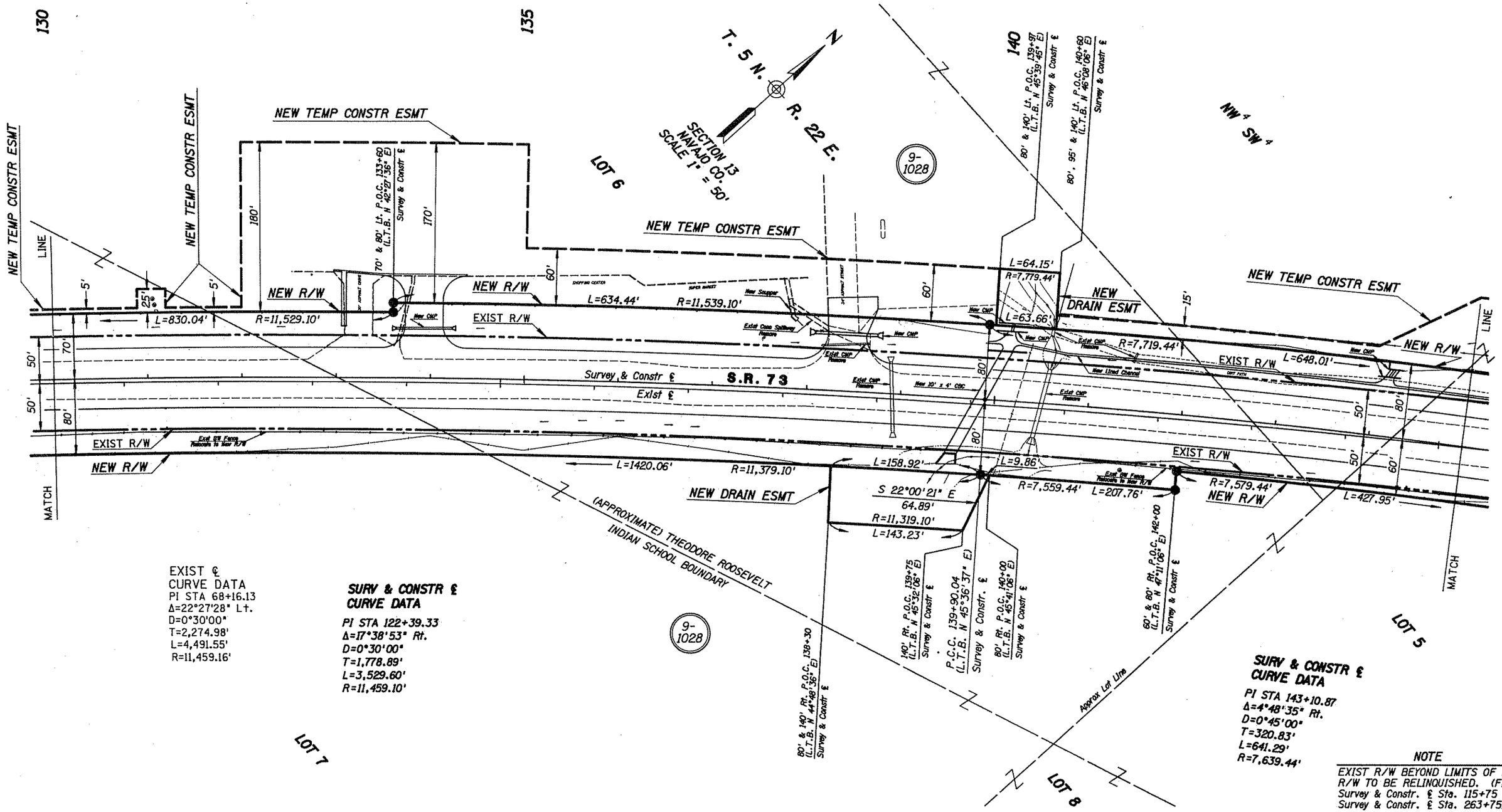

NOTE

EXIST R/W BEYOND LIMITS OF NEW R/W TO BE RELINQUISHED. (From Survey & Constr. ℄ Sta. 115+75 to Survey & Constr. ℄ Sta. 263+75)

FOR TEMP CONSTR ESMT DATA REFER TO CONSTRUCTION PLANS

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-9-T-308	
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CHECKED/DATE	J. HAVINS	12/92
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ROUTE S.R. 73	LOCATION WHITERIVER STREETS	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE

PROJECT NO. S-215-709

SHEET 5 OF 24

TRACS NO. 73 NA 337 H0692 02R

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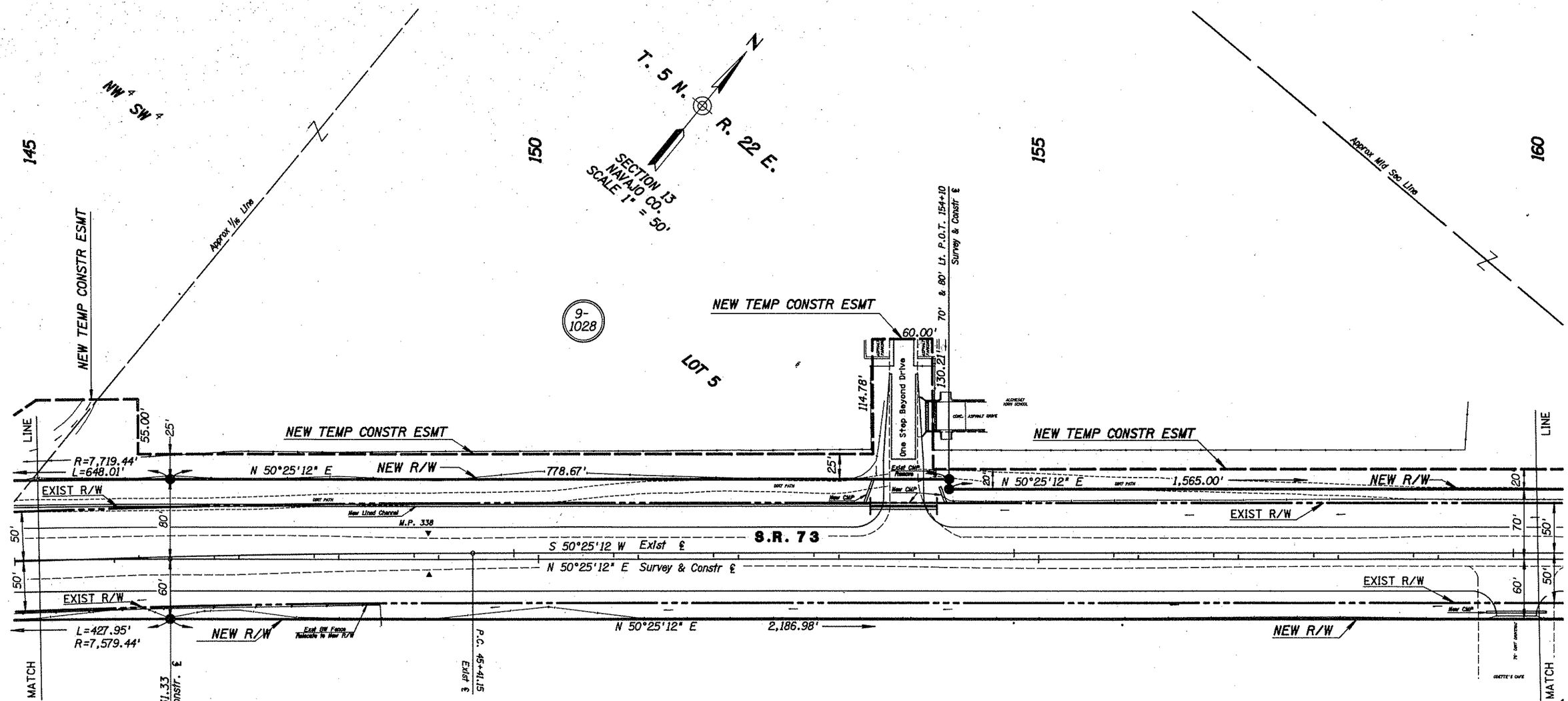

EXIST ℄
CURVE DATA
PI STA 68+16.13
Δ=22°27'28" Lt.
D=0°30'00"
T=2,274.98'
L=4,491.55'
R=11,459.16'

SURV & CONSTR ℄
CURVE DATA

PI STA 143+10.87
Δ=4°48'35" Rt.
D=0°45'00"
T=320.83'
L=641.29'
R=7,639.44'

NOTE

EXIST R/W BEYOND LIMITS OF NEW R/W TO BE RELINQUISHED. (From Survey & Constr. ℄ Sta. 115+75 to Survey & Constr. ℄ Sta. 263+75)

FOR TEMP CONSTR ESMT DATA REFER TO CONSTRUCTION PLANS

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-9-T-308
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CHECKED/DATE	J. HAVINS 12/92

RSC ROBERTSON SPECIALTY CONSULTANTS, INC.
ENGINEERING • REAL ESTATE • RIGHT OF WAY

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE
PROJECT NO. S-215-709
ROUTE: S.R. 73
LOCATION: WHITERIVER STREETS

SHEET 6 OF 24

TRACS NO. 73 NA 337 H0692 02R

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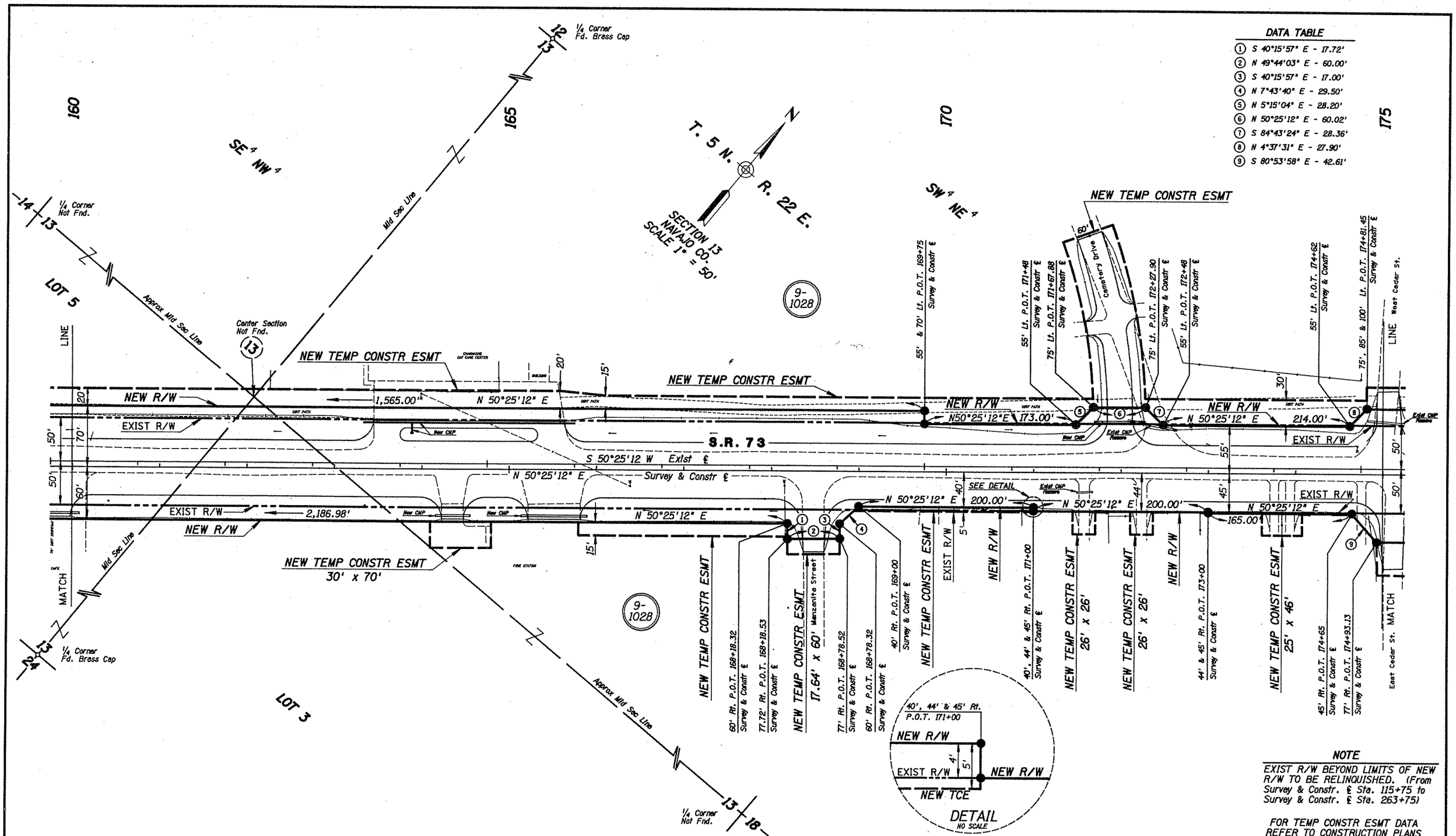
*****DGN*SPECIFICATION***** VIEW NAME:
*****SYSTIME*****



NOTE

EXIST R/W BEYOND LIMITS OF NEW R/W TO BE RELINQUISHED. (From Survey & Constr. ℄ Sta. 115+75 to Survey & Constr. ℄ Sta. 263+75)

FOR TEMP CONSTR ESMT DATA REFER TO CONSTRUCTION PLANS

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-9-T-308	
HARD COPY	N/A	
DRAWN/DATE	J.R.	12/92
CHECKED/DATE	J. HAVINS	12/92
RSC ROBERTSON SPECIALTY CONSULTANTS, INC.		
ROUTE	S.R. 73	
LOCATION	WHITERIVER STREETS	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE
PROJECT NO. S-215-709

SHEET 7 OF 24

TRACS NO. 73 NA 337 H0692 02R

FILE: g:\whtriver\73rw337.s04

OF

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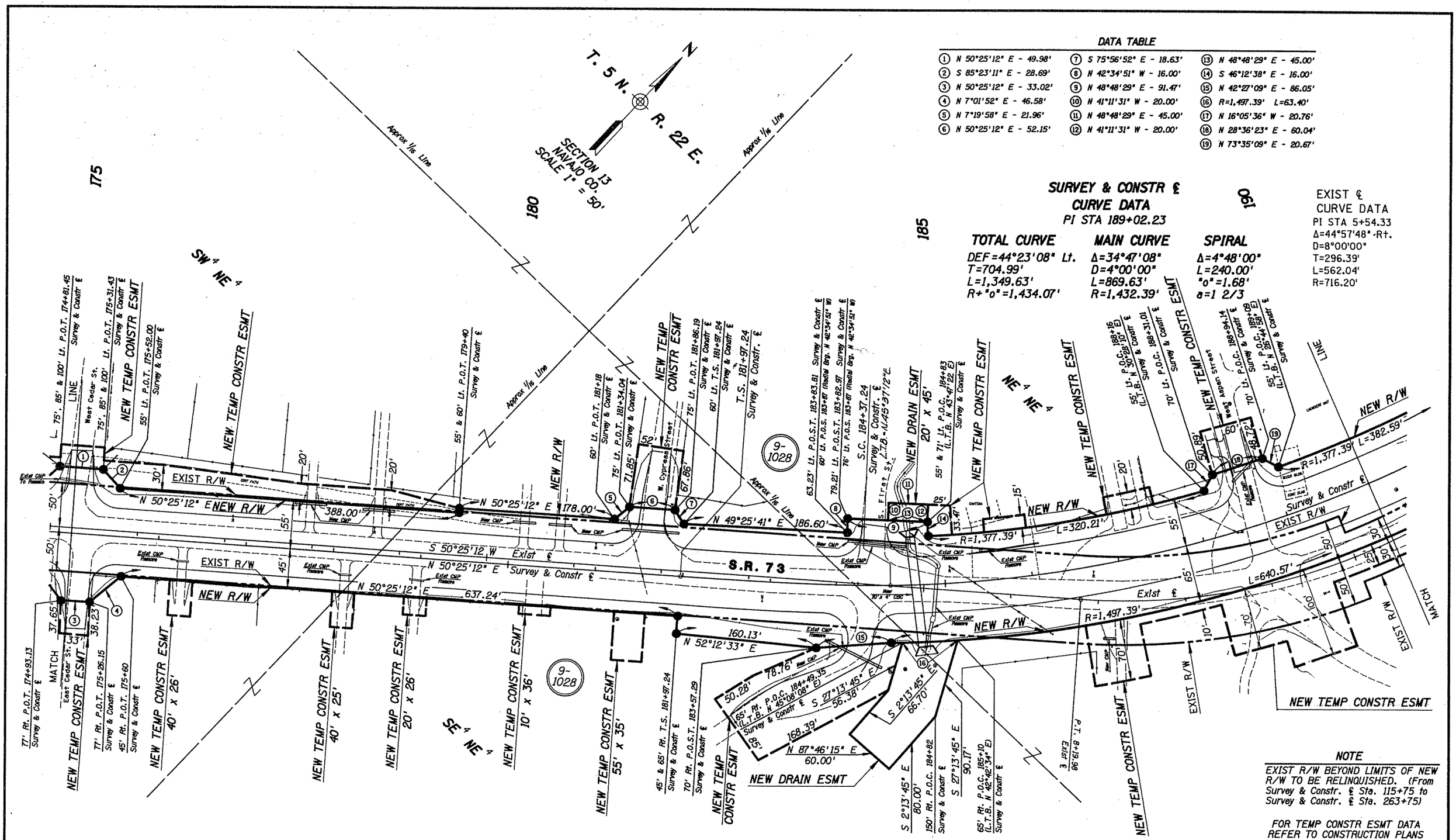

DATA TABLE

① N 50°25'12" E - 49.98'	⑦ S 75°56'52" E - 18.63'	⑬ N 48°48'29" E - 45.00'
② S 85°23'11" E - 28.69'	⑧ N 42°34'51" W - 16.00'	⑭ S 46°12'38" E - 16.00'
③ N 50°25'12" E - 33.02'	⑨ N 48°48'29" E - 91.47'	⑮ N 42°27'09" E - 86.05'
④ N 7°01'52" E - 46.58'	⑩ N 41°11'31" W - 20.00'	⑯ R=1,497.39' L=63.40'
⑤ N 7°19'58" E - 21.96'	⑪ N 48°48'29" E - 45.00'	⑰ N 16°05'36" W - 20.76'
⑥ N 50°25'12" E - 52.15'	⑫ N 41°11'31" W - 20.00'	⑱ N 28°36'23" E - 60.04'
		⑲ N 73°35'09" E - 20.67'

SURVEY & CONSTR ℄ CURVE DATA

PI STA 189+02.23

TOTAL CURVE	MAIN CURVE	SPIRAL
DEF=44°23'08" Lt.	Δ=34°47'08"	Δ=4°48'00"
T=704.99'	D=4°00'00"	L=240.00'
L=1,349.63'	L=869.63'	"o"=1.68'
R+"o"=1,434.07'	R=1,432.39'	a=1 2/3

EXIST ℄ CURVE DATA
PI STA 5+54.33
Δ=44°57'48"-Rt.
D=8°00'00"
T=296.39'
L=562.04'
R=716.20'

NOTE

EXIST R/W BEYOND LIMITS OF NEW R/W TO BE RELINQUISHED. (From Survey & Constr. ℄ Sta. 115+75 to Survey & Constr. ℄ Sta. 263+75)

FOR TEMP CONSTR ESMT DATA REFER TO CONSTRUCTION PLANS

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION
8034	2-12-93	B.T.L.	See Change Order.

DRAWING NO.	D-9-T-308
HARD COPY	N/A
DRAWN/DATE	J.R. 12/92
CHECKED/DATE	J. HAVINS 12/92
RSC ROBERTSON SPECIALTY CONSULTANTS, INC.	
ROUTE	S.R. 73
LOCATION	WHITERIVER STREETS

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE
PROJECT NO. S-215-709

SHEET 8 OF 24

TRACS NO. 73 NA 337 H0692 02R

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DATE: 10-Jan-93 12:06

OF

*****DGN*SPECIFICATION***** VIEW NAME:
*****SYSTIME*****

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PI STA 189+02.23

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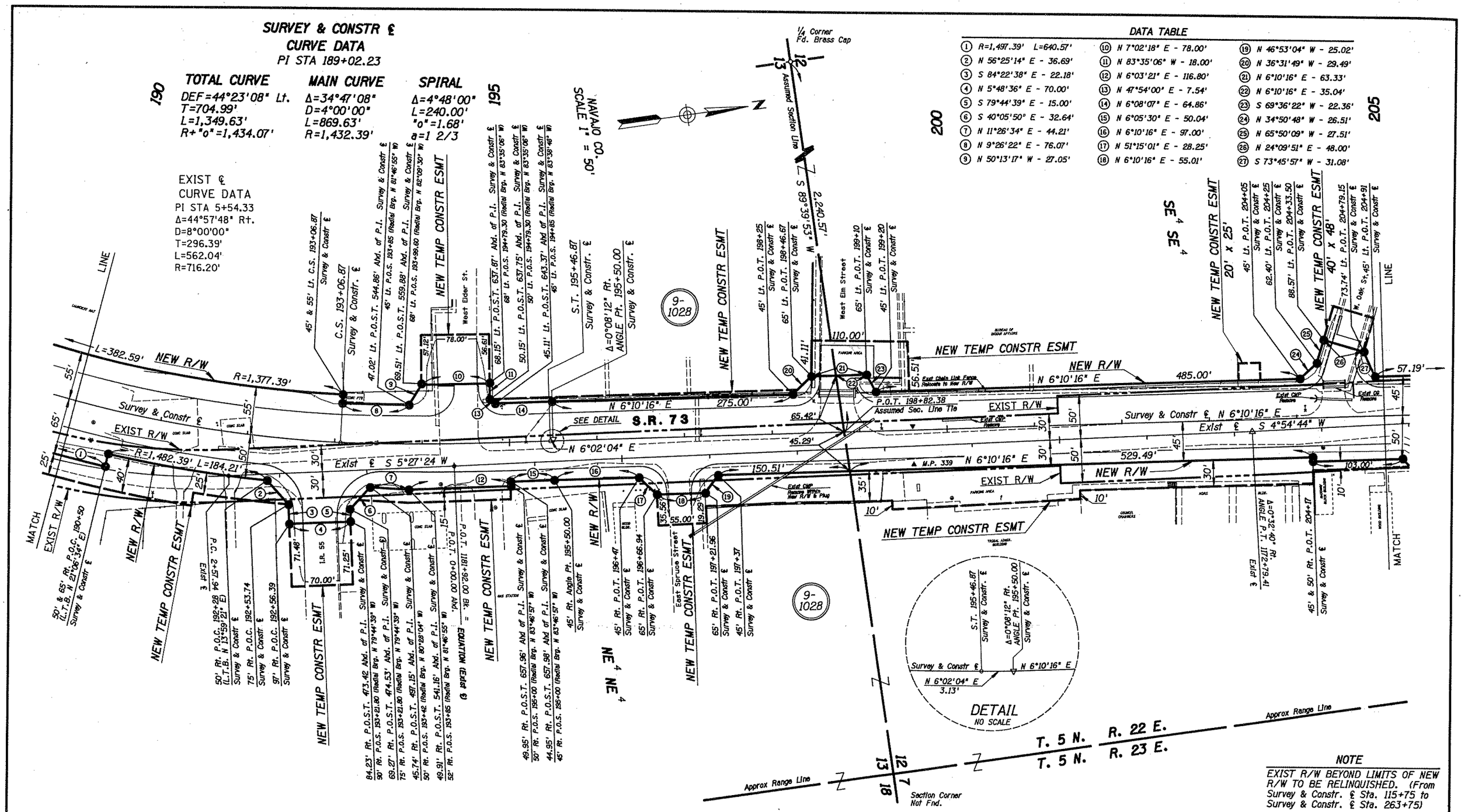
T=704.99'	D=4°00'00"	L=240.00'
L=1,349.63'	L=869.63'	"o"=1.68'
R+"o"=1,434.07'	R=1,432.39'	a=1 2/3

EXIST ℄ CURVE DATA
PI STA 5+54.33
Δ=44°57'48" Rt.
D=8°00'00"
T=296.39'
L=562.04'
R=716.20'

DATA TABLE

① R=1,497.39' L=640.57'	⑩ N 7°02'18" E - 78.00'	⑲ N 46°53'04" W - 25.02'
② N 56°25'14" E - 36.69'	⑪ N 83°35'06" W - 18.00'	⑳ N 36°31'49" W - 29.49'
③ S 84°22'38" E - 22.18'	⑫ N 6°03'21" E - 116.80'	㉑ N 6°10'16" E - 63.33'
④ N 5°48'36" E - 70.00'	⑬ N 47°54'00" E - 7.54'	㉒ N 6°10'16" E - 35.04'
⑤ S 79°44'39" E - 15.00'	⑭ N 6°08'07" E - 64.86'	㉓ S 69°36'22" W - 22.36'
⑥ S 40°05'50" E - 32.64'	⑮ N 6°05'30" E - 50.04'	㉔ N 34°50'48" W - 26.51'
⑦ N 11°26'34" E - 44.21'	⑯ N 6°10'16" E - 97.00'	㉕ N 65°50'09" W - 27.51'
⑧ N 9°26'22" E - 76.07'	⑰ N 51°15'01" E - 28.25'	㉖ N 24°09'51" E - 48.00'
⑨ N 50°13'17" W - 27.05'	⑱ N 6°10'16" E - 55.01'	㉗ S 73°45'57" W - 31.08'



NOTE

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REVISIONS

C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-9-T-308	
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DRAWN/DATE	J.R.	12/92
CHECKED/DATE	J. HAVINS	12/92

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ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE
PROJECT NO. S-215-709
ROUTE: S.R. 73
LOCATION: WHITERIVER STREETS

SHEET 9 OF 24

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TRACS NO. 73 NA 337 H0692 02R

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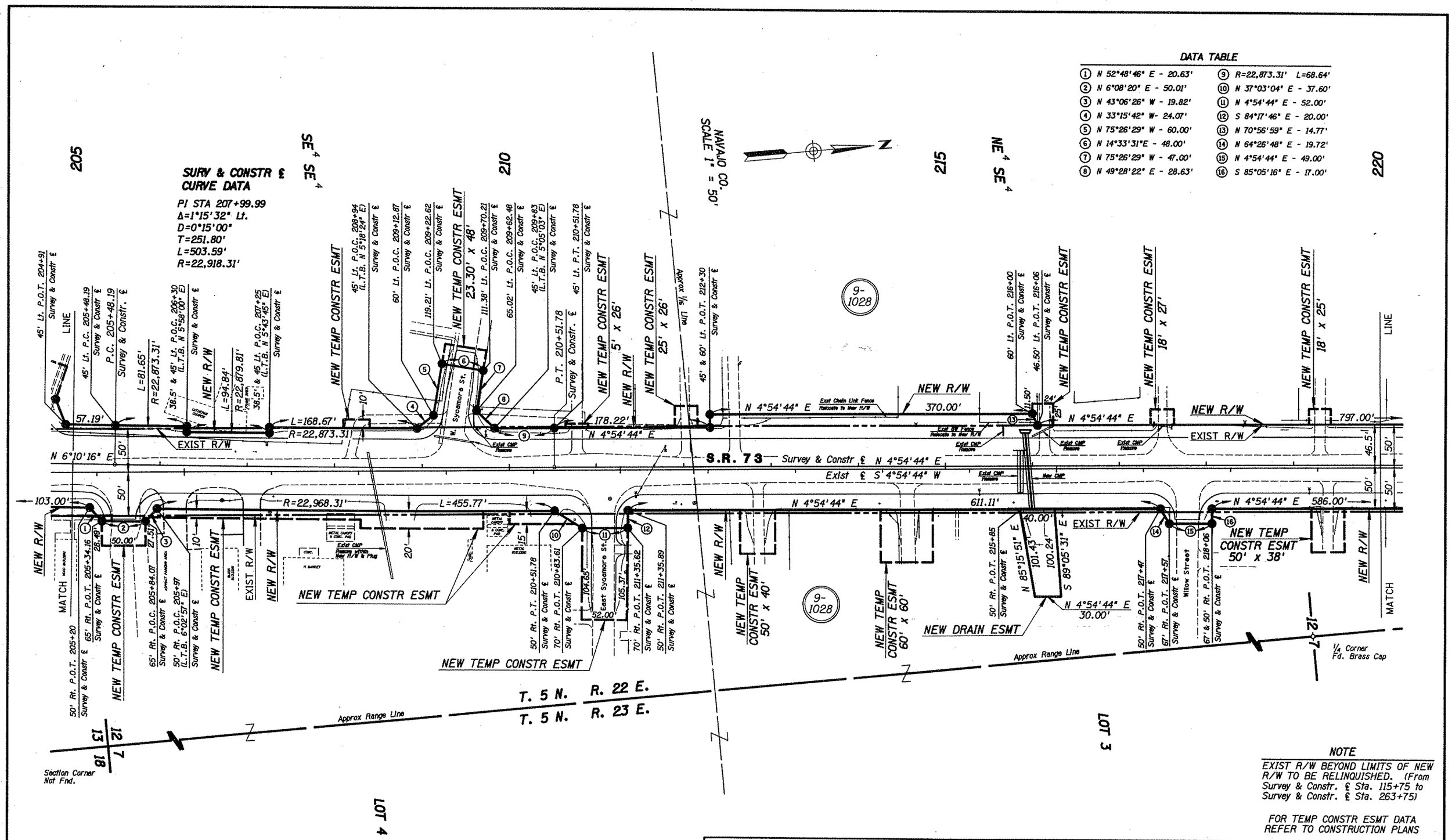

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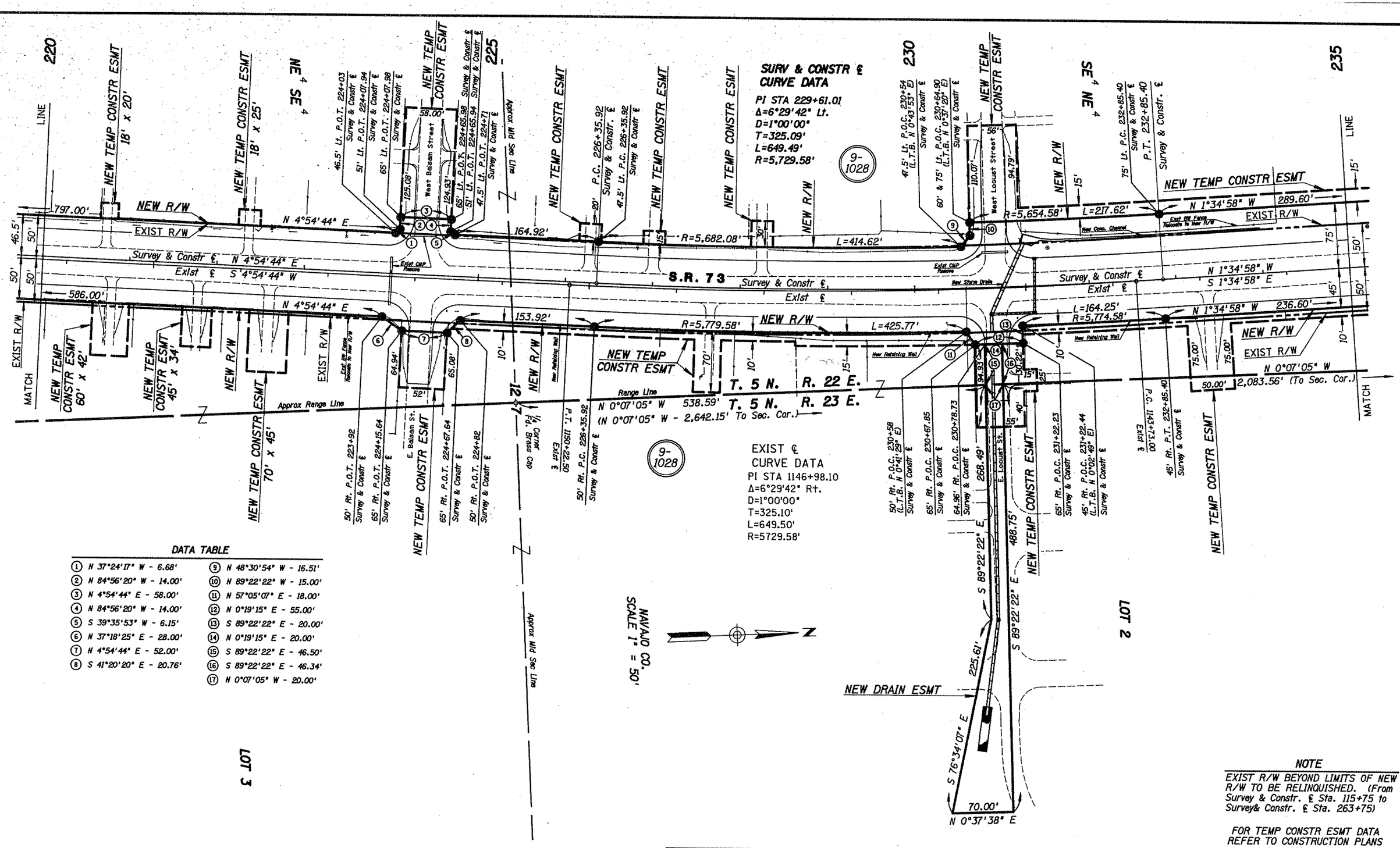

DATA TABLE

① N 37°24'17" W - 6.68'	⑨ N 48°30'54" W - 16.51'
② N 84°56'20" W - 14.00'	⑩ N 89°22'22" W - 15.00'
③ N 4°54'44" E - 58.00'	⑪ N 57°05'07" E - 18.00'
④ N 84°56'20" W - 14.00'	⑫ N 0°19'15" E - 55.00'
⑤ S 39°35'53" W - 6.15'	⑬ S 89°22'22" E - 20.00'
⑥ N 37°18'25" E - 28.00'	⑭ N 0°19'15" E - 20.00'
⑦ N 4°54'44" E - 52.00'	⑮ S 89°22'22" E - 46.50'
⑧ S 41°20'20" E - 20.76'	⑯ S 89°22'22" E - 46.34'
	⑰ N 0°07'05" W - 20.00'

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-9-T-308	
HARD COPY	N/A	
DRAWN/DATE	J.R.	12/92
CHECKED/DATE	J. HAVINS	12/92

RSC ROBERTSON SPECIALTY CONSULTANTS, INC.

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE
PROJECT NO. S-215-709
ROUTE: S.R. 73
LOCATION: WHITERIVER STREETS

SHEET 11 OF 24

TRACS NO. 73 NA 337 H0692 02R

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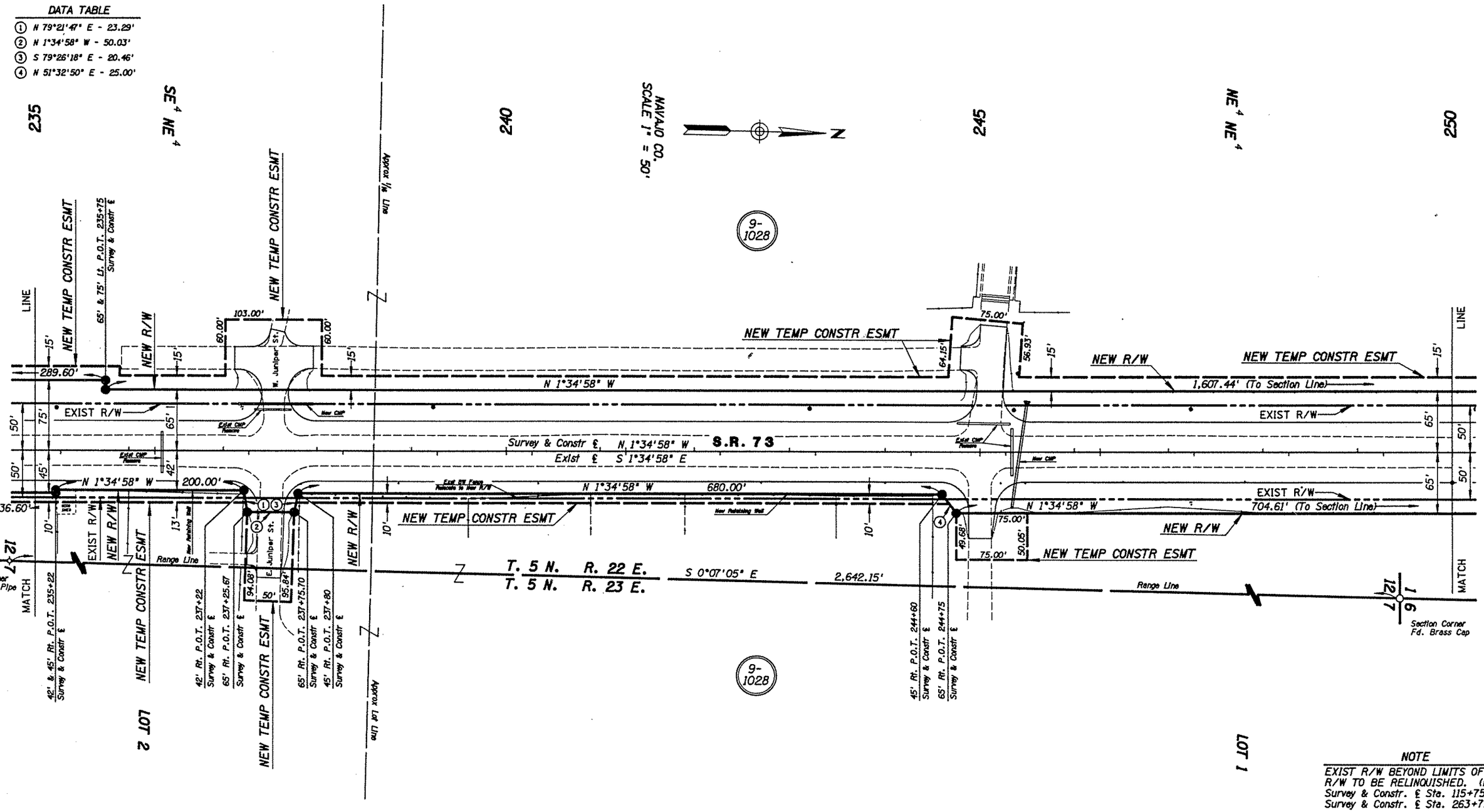

NOTE

EXIST R/W BEYOND LIMITS OF NEW R/W TO BE RELINQUISHED. (From Survey & Constr. ℄ Sta. 115+75 to Survey & Constr. ℄ Sta. 263+75)

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REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-9-T-308	
HARD COPY	N/A	
DRAWN/DATE	J.R.	12/92
CHECKED/DATE	J. HAVINS	12/92
RSC ROBERTSON SPECIALTY CONSULTANTS, INC.		
ROUTE S.R. 73	LOCATION WHITERIVER STREETS	

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE

PROJECT NO. S-215-709

SHEET 12 OF 24

TRACS NO. 73 NA 337 H0692 02R

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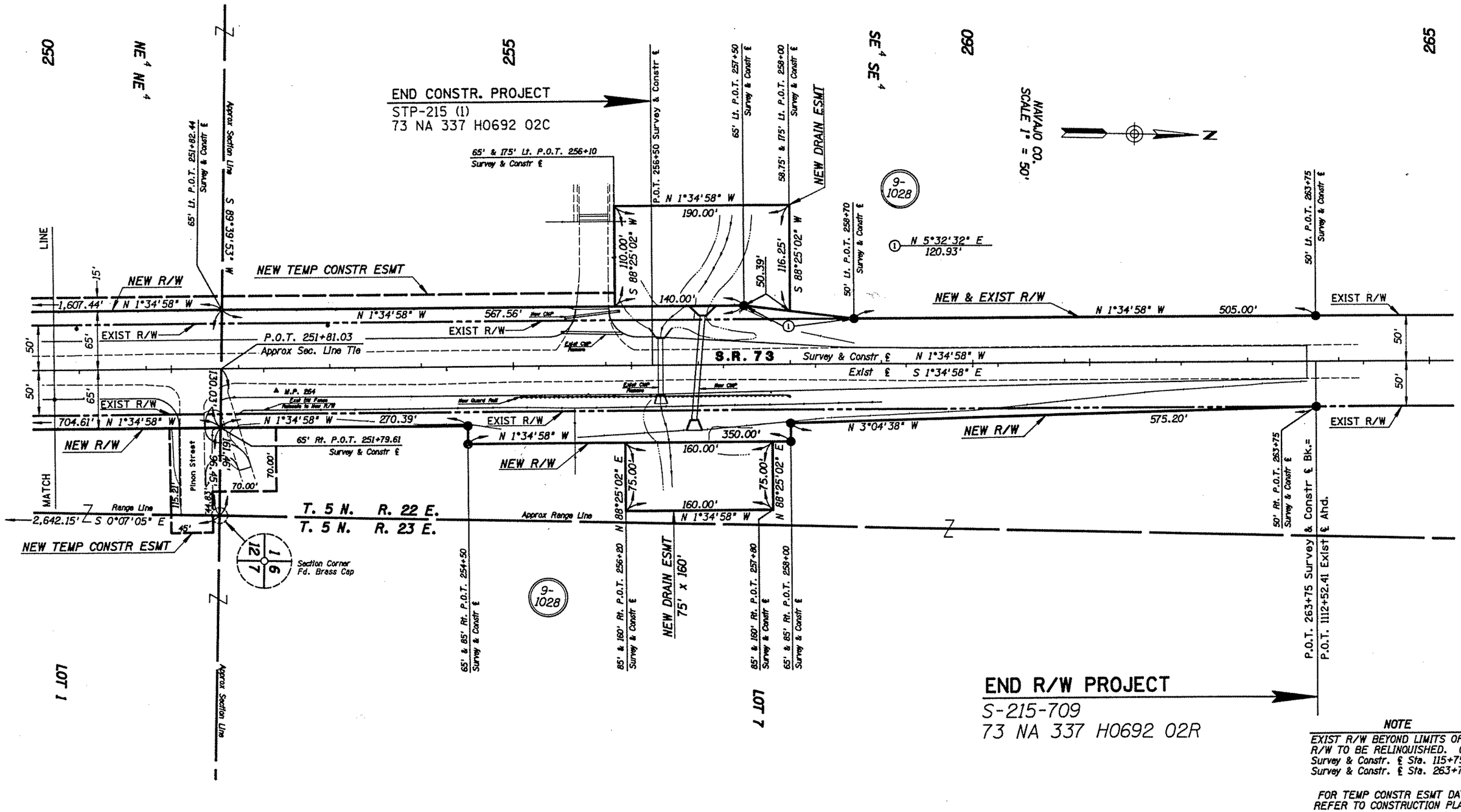

NOTE

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FOR TEMP CONSTR ESMT DATA REFER TO CONSTRUCTION PLANS

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	D-9-T-308	
HARD COPY	N/A	
DRAWN/DATE	J.R.	12/92
CHECKED/DATE	J. HAVINS	12/92

RSC ROBERTSON SPECIALTY CONSULTANTS, INC. ENGINEERING • REAL ESTATE • RIGHT OF WAY

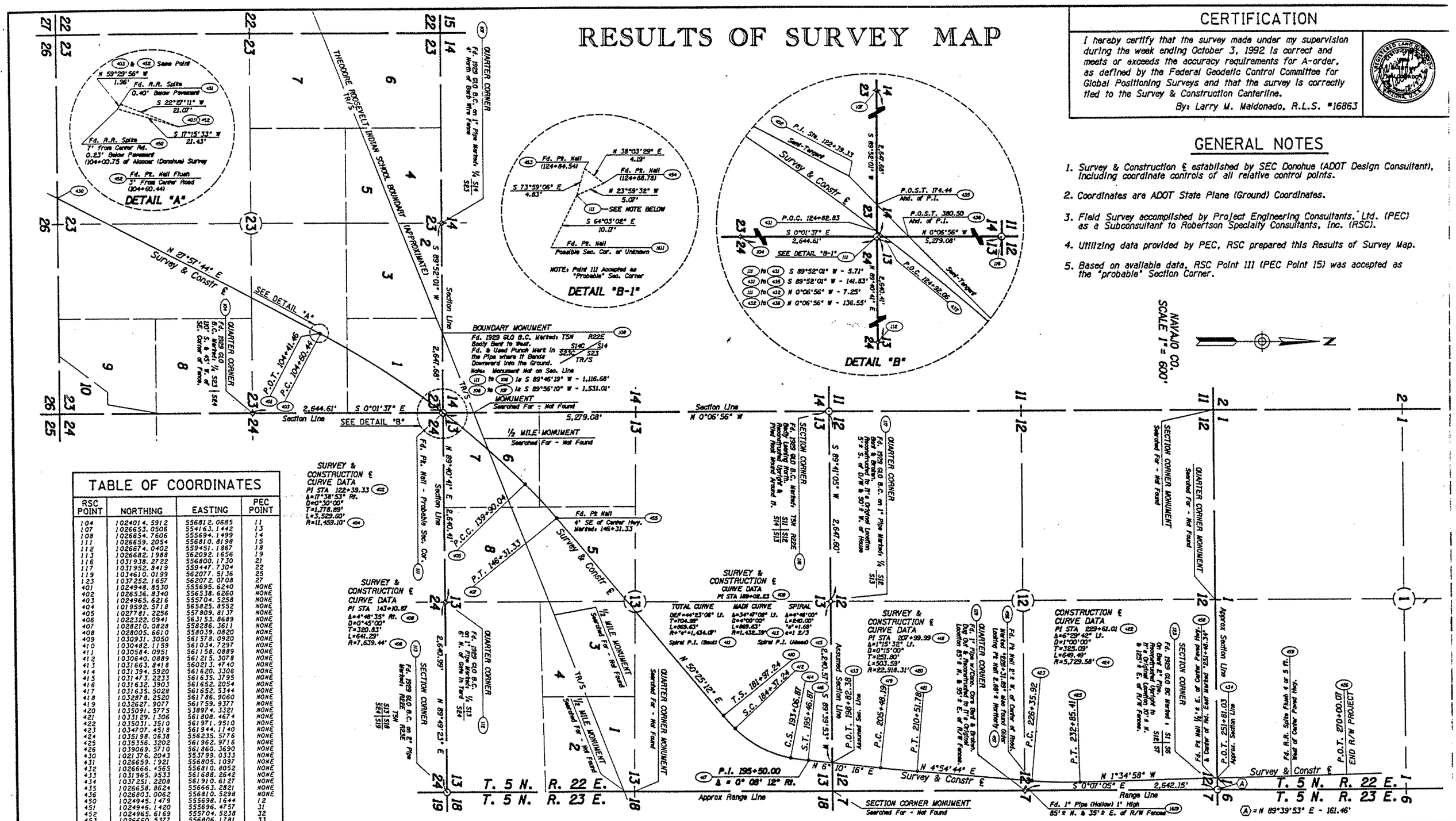
ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE
PROJECT NO.: S-215-709
ROUTE: S.R. 73
LOCATION: WHITERIVER STREETS

SHEET 13 OF 24

Click here for SR 73 Index

RESULTS OF SURVEY MAP



CERTIFICATION

I hereby certify that the survey made under my supervision during the week ending October 3, 1992 is correct and meets or exceeds the accuracy requirements for A-order, as defined by the Federal Geodetic Control Committee for Global Positioning Surveys and that the survey is correctly tied to the Survey & Construction Centerline.

By: Larry M. Maldonado, R.L.S. #16863

GENERAL NOTES

1. Survey & Construction ℄ established by SEC Donohue (ADOT Design Consultant), including coordinate controls of all relative control points.
2. Coordinates are ADOT State Plane (Ground) Coordinates.
3. Field Survey accomplished by Project Engineering Consultants, Ltd. (PEC) as a Subconsultant to Robertson Specialty Consultants, Inc. (RSC).
4. Utilizing data provided by PEC, RSC prepared this Results of Survey Map.
5. Based on available data, RSC Point 111 (PEC Point 15) was accepted as the "probable" Section Corner.

TABLE OF COORDINATES

RSC POINT	NORTHING	EASTING	PEC POINT
104	1024014.5912	556812.0685	11
107	1026653.0506	554163.1442	13
108	1026654.7606	555694.1499	14
111	1026659.2054	556810.8198	15
112	1026674.0402	559451.1867	18
113	1026682.1988	562092.1656	19
116	1031938.2722	556800.1730	21
117	1031952.8419	559447.7304	22
119	1034610.0199	562077.5136	25
123	1037252.1657	562072.0708	27
401	1024948.8530	555695.6240	NONE
402	1026536.8340	556538.6260	NONE
403	1024965.6216	555704.5258	NONE
404	1019592.5718	565825.8552	NONE
405	1027781.2256	557809.8137	NONE
406	1022322.0941	563153.8689	NONE
407	1028210.0828	558286.3611	NONE
408	1028005.6610	558039.0820	NONE
409	1030931.3050	561578.0920	NONE
410	1030482.1159	561034.7297	NONE
411	1030584.0951	561158.0889	NONE
412	1030640.0889	561215.3078	NONE
413	1031663.8418	560213.4740	NONE
414	1031394.5920	561620.3306	NONE
415	1031473.2233	561635.3795	NONE
416	1031632.3903	561652.2054	NONE
417	1031635.5028	561652.5344	NONE
418	1032878.2520	561786.9060	NONE
419	1032627.9077	561759.9377	NONE
420	1035091.5775	538974.3321	NONE
421	1033129.1306	561808.4674	NONE
422	1035031.3510	561971.9510	NONE
423	1034707.4518	561944.1140	NONE
424	1035198.0638	556235.5776	NONE
425	1035356.3202	561962.9716	NONE
426	1039069.5710	561860.3690	NONE
430	1021376.2043	553799.0333	NONE
431	1026659.1921	556805.1097	NONE
432	1026666.4565	556810.8052	NONE
433	1031965.9533	561688.2642	NONE
434	1037251.2208	561910.6127	NONE
435	1026658.8624	556663.2821	NONE
436	1026803.0062	556810.5298	NONE
450	1024945.1479	555698.1644	12
451	1024946.1420	555696.4757	31
452	1024965.6169	555704.5238	32
453	1026660.5377	556806.1781	33
454	1026663.8347	556808.7594	34
455	1028210.0881	558286.2992	20
456	1034703.5200	561943.3179	26
457	1034706.3859	561943.0724	36
458	1037218.8129	561911.7035	37
459	1038285.6522	561877.2661	38
1611	1026654.7567	556819.9615	39
1619	1034619.8945	562020.6544	35

REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION

DRAWING NO.	0-9-T-308
HARD COPY	N/A
DRAWN/DATE	J.R.
CHECKED/DATE	J. HAVINS
RSC ROBERTSON SPECIALTY CONSULTANTS, INC.	
ROUTE	S.R. 73
LOCATION	WHITERIVER STREETS

ARIZONA DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RIGHT OF WAY PLANS SERVICES

HIGHWAY: CARRIZO - INDIAN PINE
PROJECT NO.: S-215-709

SHEET 14 OF 24