Click here for SR 87 Index

FINALIZED, C.O. 5486, 11-1-79-R.L.R.

FED. ROAD DIVISION	STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS	FINALIZED PLANS
7	ARIZ.	S - 209 - 603	1	40	R. Robinson Oct. 29, 1973

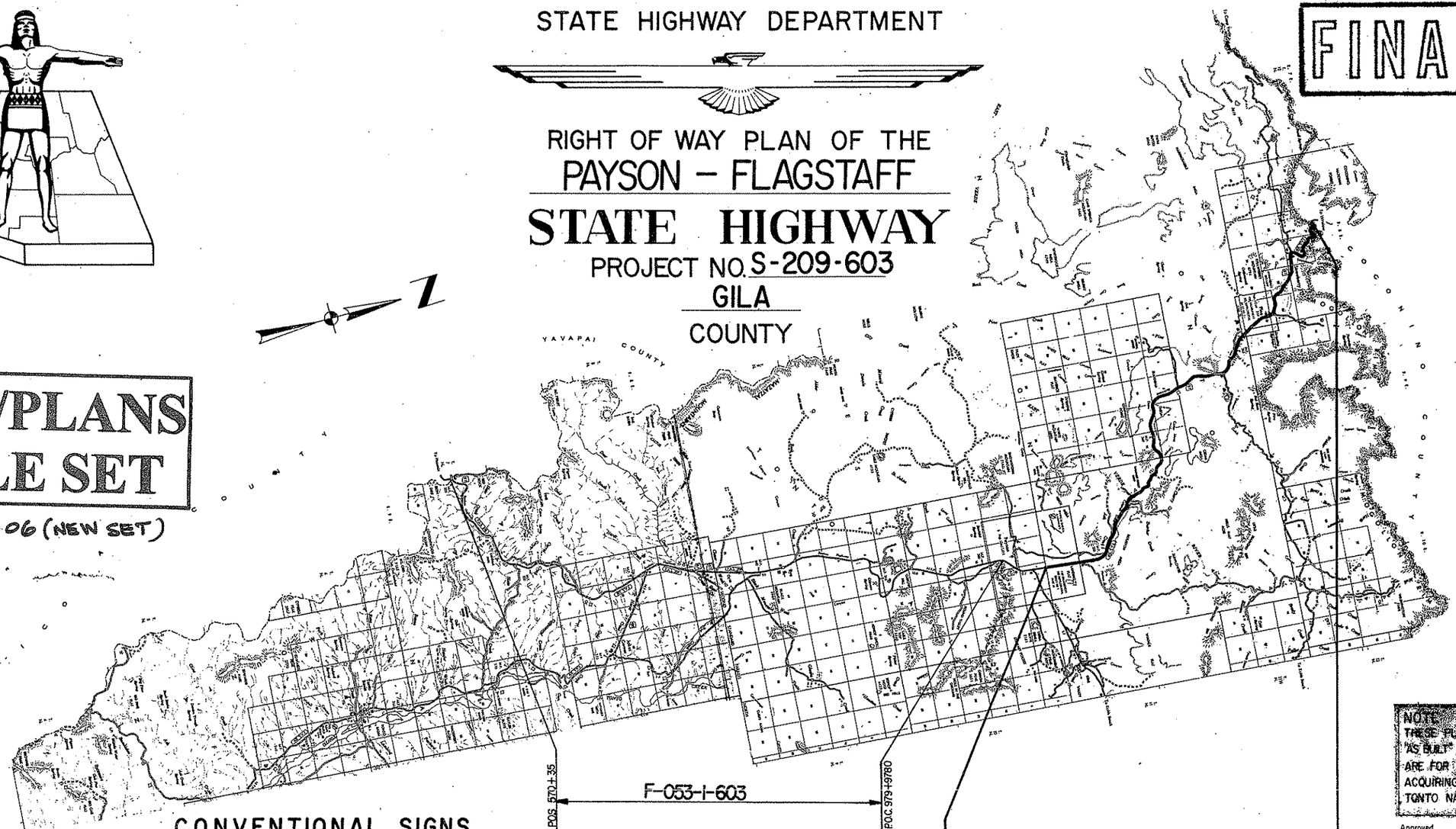
DRAWING NUMBER D - 4 - T - 344

FINALIZED

STATE OF ARIZONA
STATE HIGHWAY DEPARTMENT

RIGHT OF WAY PLAN OF THE
PAYSON – FLAGSTAFF
STATE HIGHWAY
PROJECT NO. S-209-603
GILA
COUNTY

RW/PLANS FILE SET
05-17-06 (NEW SET)



NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

Approved
J. B. Mest 6-5-72
DEPUTY STATE ENGINEER DATE

ARIZONA STATE HIGHWAY COMMISSION
Approved for Right of Way Acquisition in accordance with Resolution Number 61-14 dated 7-26-1960
William N. Price State Highway Engineer

[illegible] 6-6-72
CHIEF DEPUTY STATE ENGINEER DATE

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

DIVISION ENGINEER DATE

CONVENTIONAL SIGNS

HIGHWAY CENTER LINE (New) (Existing)
HIGHWAY R/W LINE (New) (Existing)
CONTROLLED ACCESS (Denied) (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
GAS LINE
SEWER LINE (Show size of line in alternate spaces)
STORM DRAIN
CHAIN LINK FENCE

BARBED WIRE FENCE (coil out type) Gate
STREET LIGHT on extended arm
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 (New) (Existing)
DYKE

REDUCED SIZE DO NOT SCALE

PAYSON-FLAGSTAFF HWY.
PAYSON-COCONINO COUNTY LINE
GILA COUNTY

Click here for SR 87 Index

3479 1/11/73 C.G. Revised Net areas			S-209-603
3538 5-8-73 W.O.S. Added Par. 4-145 & Revised Net. Par. 4-141			D-4-T-344
3905 5-29-74 D.G.M. Added Par. 4-141-1 & Revised NE¼SE¼ Sec. 36, Par. 4-141.			2 OF 40
5486 11-1-79 R.L.R. FINALIZED			C. PEPPER
		DATE COMP	5-24-72
		SCALE	NO SCALE

NOTE: THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

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
4-141	U.S.A. (TONTO NATIONAL FOREST)	PART OF SECTIONS 27 & 34, & UNSURVEYED SECTIONS 7,8,17,20,21,& 22 T.11N.,R.10E			~~137.3~~ 129.8 Ac.				5,6,7,8 9,10,11,12, 13,14,&15	2-8-77	HWY. ESMT. DEED 12-7-76	2-28-77	421	309-318
		PART OF SECTIONS 2,3,10,11,& 12 T.11N.,R.9E.			79.0 Ac.				15-21					
		PART OF UNSURVEYED SECTIONS 20,21,22,27,& 34 T.11½N.,R.9E.			88.2 Ac.				21-28					
		PART OF LOT 4, SECTION 31, T.12N.,R.9E.			4.5 Ac.				28					
		~~PART OF N.E.¼ S.E.¼, SECTION 36, T.12N., R.8E.~~			~~6.8 Ac.~~				~~28&29~~					
		PART OF SECTIONS 15,16,22,23,& 26 T.12N.,R.8E.			83.0 Ac.				32-40					
* 4-145	Joseph R. & Katherine M. Vallee, h/w	Pt. of Lot 2, SEC. 27 & Lot 3, SEC. 34, T.11N., R.10E.	114.3 Ac.		7.4 Ac		42.4 Ac.	64.5 Ac	5&6	12-29-82 5-10-74	QCD 12-13-82 EASE. NOV. 12, 1971	1-5-83 DEC. 6, 1971	577 DKT. 311	836-837 PG. 842 -845
* 4-141-1	George W. Randall, et ux	Pt. of N.E. 1/4 S E 1/4, Sec. 36, T. 12 N., R. 8 E.	40.0 Ac.		6.8 Ac.		17.0 Ac	16.2 Ac	28&29	4-23-82 7-26-60	W.D. 3-29-82 EASE. APR 6, 1973 7-16-74	5-5-82 MAR. 13, 1974 8-7-74	563 DKT. 355 364	38-46 PG. 900 -902 451-452
4-123	Transamerica Title Ins. of Ariz. Trust No. 5675	Pt. of S 1/2 NE 1/4 SE 1/4, Sec. 36, T.12N., R.8E.	UNK.		1.7 Ac.				32	10-9-70	EASE. 6-17-70	9-16-70	287	54-58

26

D4-T-344-

* NOTE: Forest Exchange for Record Only.

PAYSON-FLAGSTAFF HWY.
PAYSON-COCONINO COUNTY LINE
GILA COUNTY

Click here for SR 87 Index

3479	1/11/73	C.G.	Revised Net areas
3538	6-8-73	W.D.S.	Added Par. 4-145 & Revised Net. Par. 4-141
3905	5-29-74	D.G.M.	Added Par. 4-141-1 & Revised N.E.1/4 SE1/4 Sec. 36, Par. 4-141.
5486	11-1-79	R.L.R.	FINALIZED

S-209-603
D-4-T-344
2 OF 40
C. PEPPER
DATE 5-24-72
SCALE NO SCALE

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AN ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM TH TONTO NATIONAL FOREST.

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
4-141	U.S.A. (TONTO NATIONAL FOREST)	PART OF SECTIONS 27 & 34, & UNSURVEYED SECTIONS 7,8,17,20,21,& 22 T.11N.,R.10E			~~137.3~~ 129.8 Ac.				5,6,7,8 9,10,11,12, 13,14,&15	2-8-77	HWY. ESMT. DEED 12-7-76	2-28-77	421	309-318
		PART OF SECTIONS 2,3,10,11,& 12 T.11N.,R.9E.			79.0 Ac.				15-21					
		PART OF UNSURVEYED SECTIONS 20,21,22,27,& 34 T.11½N.,R.9E.			88.2 Ac.				21-28					
		PART OF LOT 4, SECTION 31, T.12N.,R.9E.			4.5 Ac.				28					
		~~PART OF N.E.¼ S.E.¼, SECTION 36, T.12N.,R.8E.~~			~~6.8 Ac.~~				~~28&29~~					
		PART OF SECTIONS 15,16,22,23,& 26 T.12N.,R.8E.			83.0 Ac.				32-40					
* 4-145	Joseph R. & Katherine M. Vallee, h/w	Pt. of Lot 2, SEC. 27 & Lot 3, SEC. 34, T.11N., R.10E.	114.3 Ac.		7.4 Ac		42.4 Ac.	64.5 Ac	5&6	12-29-82 5-10-74	QCD 12-13-82 EASE. NOV. 12, 1971	1-5-83 DEC. 6, 1971	577 DKT. 311	836-837 PG. 842-845
* 4-141-1	George W. Randall, et ux	Pt. of N.E. 1/4 S E 1/4, Sec. 36, T. 12 N., R. 8 E.	40.0 Ac.		6.8 Ac.		17.0 Ac	16.2 Ac	28&29	4-23-82 7-26-60	N.D. 3-29-82 EASE. APR 6, 1973 7-16-74	5-5-82 MAR. 13, 1974 8-7-74	563 DKT. 355 364	38-46 PG. 900-902 451-452
4-123	Transamerica Title Ins. of Ariz. Trust No. 5675	Pt. of S 1/2 NE 1/4 SE 1/4, Sec. 36, T.12N., R.8E.	UNK.		1.7 Ac.				32	10-9-70	EASE. 6-17-70	9-16-70	287	54-58

26

*NOTE: Forest Exchange for Record Only.

Click here for SR 87 Index

TONTO NATIONAL FOREST
T12N R8E

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79-RLR

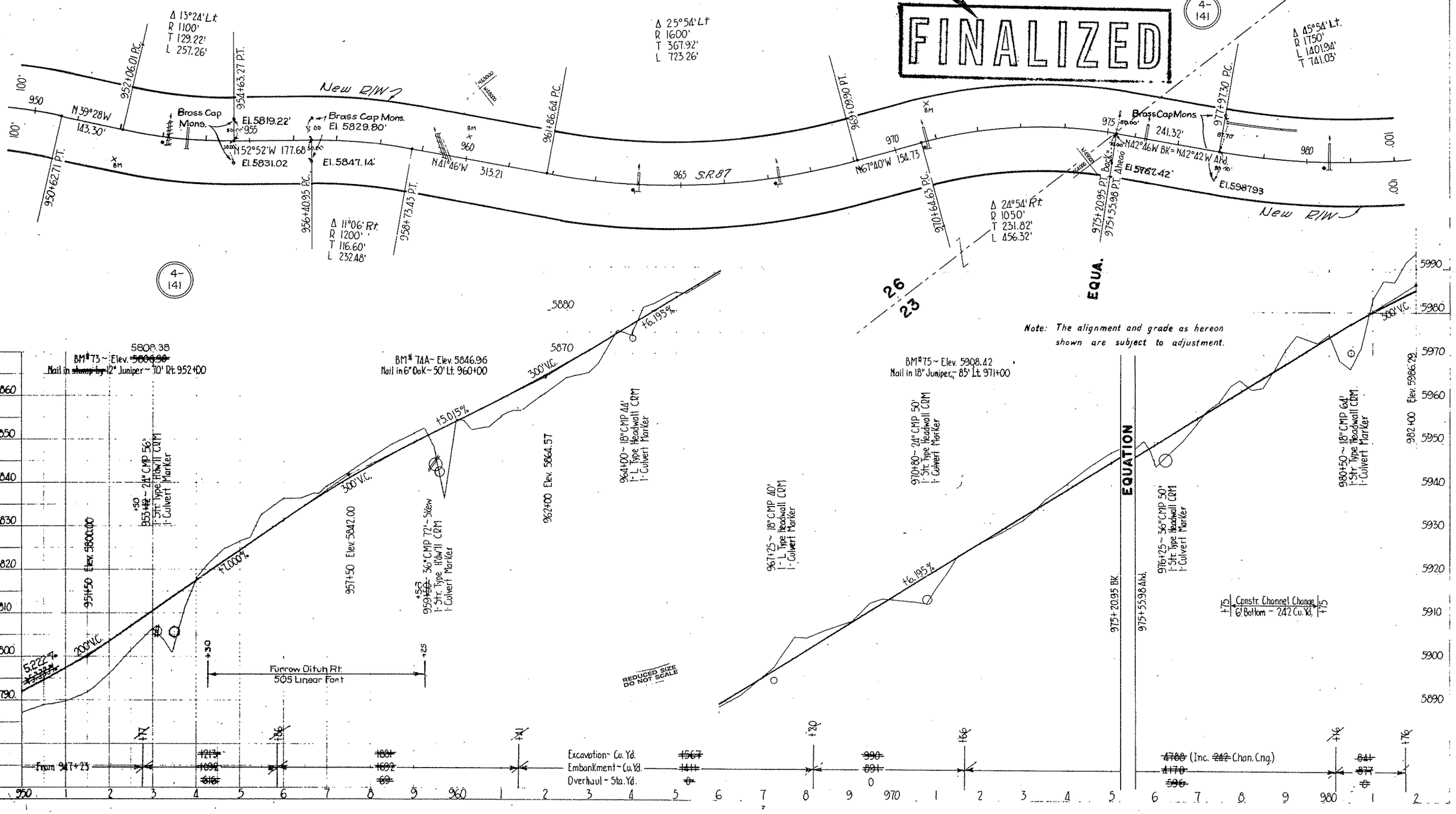
NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 33 of 40

DIV. NO.	STATE	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
7	ARIZ	FH9	F	7	13

Construction Revisions Shown

FINALIZED



Construct Revisions Aug 1947 A.E.G.

PLAN & PROFILE
DRAWN BY DENNIS DENNIS
CHECKED
DATE
BY
REVISIONS
PROFILE SURVEYED
SCALE
NOTE BOOK
CHECKED
NO.
STRUCTURE NOTATIONS CHKD.

Click here for SR 87 Index

TONTO NATIONAL FOREST

T12E R8E

N

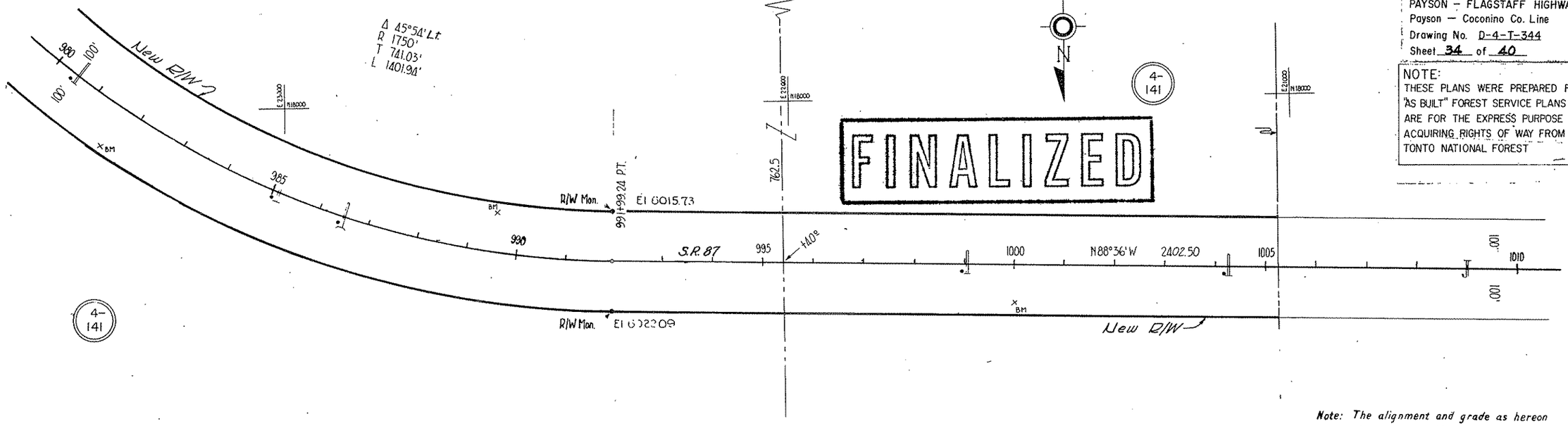
Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 - R.L.R.

DIV. NO.	STATE	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
7	ARIZ	FH9	F	8	13

Construction Archives Group

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 34 of 40

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST

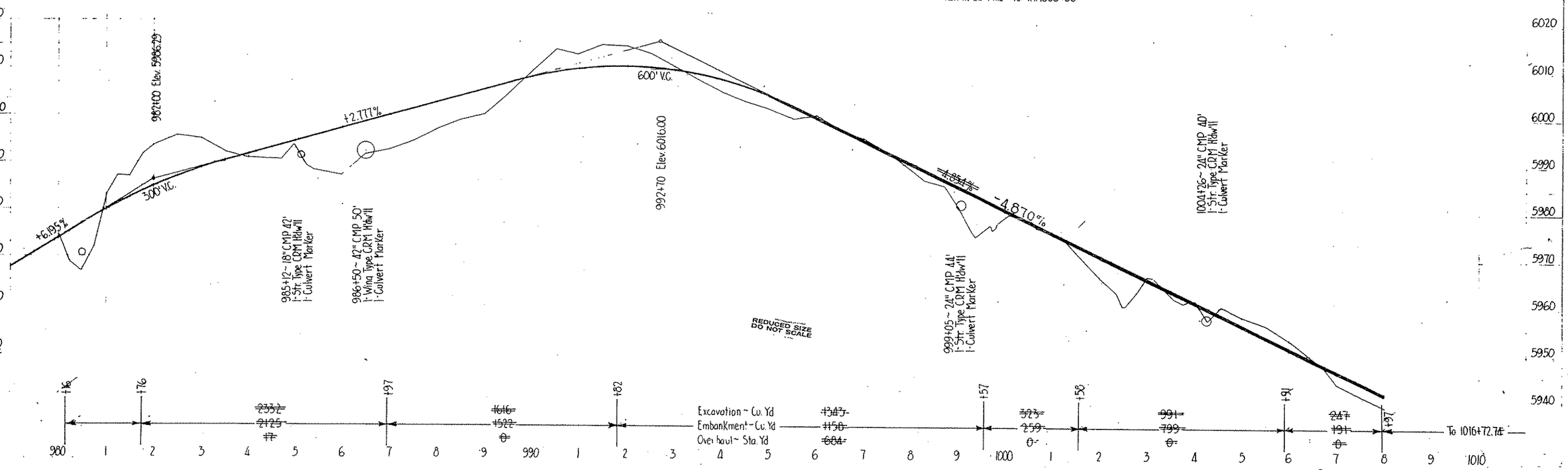


U.S.G.S. BM# M29 -1933~PRA Elev. 6003.77
Brass Cap in Concrete~ 90' Rt 981+65

BM# 77~ Elev 6011.83
Nail in 18" Pine~ 80' Lt. 989+50

BM# 78~ 5987.42
Nail in 24" Pine~ 75' Rt 1000+00

Note: The alignment and grade as hereon shown are subject to adjustment.



Const. Revisions Aug./947 A.E.G.

PLAN & PROFILE
WORKING DESIGN PLANS
CHECKED
PROFILE SURVEYED

Click here for SR 87 Index

FINALIZED C.O.5486, 11-1-79-RLR

SEC. 22, T. 12 N., R. 8E., G. & S. R. B. & M.

Revised 12-30-72 C.O. 3479

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-605
PAYSON & FLAGSTAFF, ARIZONA
Payson - Pleasant Dale
Drawing No. 0-4-1-314
Sheet 37 of 40

ARIZ. F.H. 10-D2
SHEET 14 OF 27
Construction Revisions Shown

HARRY SIMPSON

4-141

Δ-45°28' Lt.
T_s-609.22'
L_s-707.59'
Δ_c-41°28'
R_c-1450'
L_c-1049.41'
Δ_{s_2}-4°00'
L_{s_2}-202.46'
a'-1.951
L.T.B. S86°35'W
303+08.75 P.C.S.
305+11.2 P.T.
N82°35'E
Roadway Limits
Existing B.C. Mon.
S.R.87
New E/W
409.89'
309+21.10 P.S.
Same Point

Place Metal Guide Posts as Follows:

Station to Station	Spacing	Left	Rt.
313+00 321+00	40'	21	—

Property Line
Approx. 1/16 Line
New E/W
S.R.87
Δ-114°00'
R_c-39.2'
L_c-779.95'
Δ-138°36' Rt.
T_s-1129.38'
L.T.B. N29°53'E
318+69.36
Δ-12°18'
L_s-168.31'
a'-8.684
320+37.67 P.T.
321+04.89 P.C.
Δ-8°27' Lt.
R-4000'
T-295.50'
L-589.92'
326+94.81 P.T.B.K. Equa.
326+93.81 P.T.Ahd.
Existing R/W Mon.
B.C. Mon.
Existing Fence
Roadway Limits
S 32°44' W
806.39'
Existing R/W Mon.
New R/W
L.T.B. N85°07'W
310+89.41 P.S.C.
Δ-12°18'
L_s-168.37'
a'-8.684
309+21.10 P.S.
Approx. Mid-Sec. Line
Roadway Limits
Cut
Fill

U. S. GOVERNMENT

TONTO NATIONAL FOREST

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

Note: The alignment and grade as hereon shown are subject to adjustment.

FINALIZED

B.M. ~ Elev. 6100.31' Nail in 6" Oak 50' Lt. Sta. ~~299+00~~ 298+75
C.B.M. ~ Elev. 6100.89' Nail in 6" Oak 65' Lt. of Sta. 299+50
B.M. ~ Elev. 6029.12' Nail in 14" Pine 30' Lt. Sta. 312+75
C.B.M. ~ Elev. 6027.00' Nail in 14" Twin Oak 60' Lt. 313+00
B.M. ~ Elev. 5962.88' Nail in 16" Pine 75' Lt. Sta. 320+75
C.B.M. ~ Elev. 5974.48' Nail in 8" Oak

6100
6090
6080
6070
6060
6050
6040
6030
6020
-5.896 %
200' VC
304+50 ~ Elev. 6068.75'
~~303+36~~ ~~304+25~~ 24" G.C.M. Pipe ~~64'~~ No Headwalls
~~301+73~~ ~~304+65~~ 24" G.C.M. Pipe ~~72'~~ No Headwalls
-5.50 %
Fill 1½' Lt. Fill 1½' Rt.
Cut 1½' Lt. Cut 1½' Rt.
Excavation ~ Cu. Yds.
Embankment ~ Cu. Yds.
Overhaul ~ Yd. Mi.
3087
3377
1
From Sta. 265+40

6020
6010
6030
6020
Ground Line
Profile Grade
-5.50 %
319+76 Existing 18" G.C.M. Pipe 72' Extend 10' Rt.
~~320+50~~ ~~12" G.C.M. Half Round Outlet Pipe 12' Inlet Dip Apron~~
321+50 ~ Elev. 5975.25'
200' V.C.
-4.848 %
Roadway Dike on Rt
550 Lin. Ft.
+00
+50
REDUCED SIZE DO NOT SCALE
1342
1141
0

5960
5950
-4.848 %
Roadway Dike on Lt
350 Lin. Ft.
326+94.81 B.K.
EQUATION
326+93.81 Ahd.
~~325+00~~ 12" G.C.M. Half Round Outlet Pipe 12" Inlet Dip Apron
~~325+24~~ 18" G.C.M. Pipe ~~72'~~ No Headwalls
~~328+17~~
To Sta. ~~347+58.22~~

5970
5960
5950
5940
5930
5920
5910
5900
5890

299 300 1 2 3 4 305 6 7 8 9 310 1 2 3 4 315 6 7 8 9 320 1 2 3 4 325 6 7 7 8 1 9 330

PLAN
PLAN & PROFILE
DRAWN T. K. 1959
CHECKED 1959
REVISED JUNE - 1959
PLANS G.S.N. 1957
SURVEY G.S.N. 1959
DESIGN G.S.N. 1959
DRAFTING Y.V.S. 1959

FINALIZED C.O. 5486, 11-1-79-R.L.R.

ARIZ. F.H. 10-D2
SHEET 15 OF 27
Construction Revisions Shown

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-809-603
PAYSON - FLAGSTAFF HIGHWAY
Payson - Coconino Co. Line
Drawing No. D-2-T-344
Sheet 26 of 40

FINALIZED

SEC. 22, T. 12 N., R. 8 E., G. & S. R. B. & M.

Note:- Construct Standard Fence Type C-4B
Sta 336± to Sta 347± on Lt
Sta 344± to Sta 347± on Rt
Sta. 337+00 to Sta. 338+81 on Lt.

BEARING EQUATION
N 88° 36' W Bk. =
N 88° 26' W Ahd.

R/W in this area covered by existing Deeds for Ariz. F.H. 10-D Completed 6-30-34. Reference to letter dated Dec. 7, 1960.

HARRY SIMPSON

H. E. PARKINSON

U. S. GOVERNMENT

TONTO NATIONAL FOREST

Place Metal Guide Post's as Follows:-

Station to Station	Spacing	Left	Right
338+00 347+00	45'	-	14
Intersection	25'	-	8

1016+01.74 (F.H. 9-F) =
P.T. 347+58.29 (F.H. 10 D2)

Δ = 11°30'
Ls = 200.71'
α = 5.709

345+57.58 P.C.S.
L.T.B. N 76° 56' W

Δ = 121°10' Lt.
Ts = 992.92'

Δs = 11°30'
Ls = 200.71'
α = 5.709

337+00.91 P.S.C.
L.T.B. N 21° 14' E

Δc = 98°10'
Rc = 500'
Lc = 856.67'

335+00.20 P.S.

Construct Connection to Existing Road

Remove, clean & stockpile existing 18" x 38' Culv. Pipe.

Construct Type B Road Connection on Rt

Construct Inlet Channel

Construct Type A Road Connection on Rt.

Existing Strawberry Creek Bridge C.R.M. Arch
Extend 21' Lt. with Structural Plate Arch
(See Sheet 16 for Details)

Roadway Limits
Cut — — — —
Fill — — — —

Line to be Constructed

Roadway Limits
Existing Road 3
Existing Fence 2
EXISTING FENCE
Exist. R/W Mon.
NEW FENCE
EXISTING ROAD
EXISTING POWER LINE
Gas Station
Cafe
Strawberry Creek
To Strawberry & Pine
S.R. 87

STA. ~~346+74.00~~
345+57.58 = End
1017+89.16 (F.H. 9-F)
Beg. F.H. 10-D-2

NOTE:
[illegible]

Note. The alignment and grade as hereon shown are subject to adjustment.

C.B.M. ~ Elev. 5927.90' Nail in 12" Oak 50' Rt. of Sta. 331+25
B.M. ~ Elev. 5922.27' Nail in 24" Pine 30' Rt. Sta. 332+30
B.M. ~ Elev. 5878.27' Nail in 36" Stump 100' Lt. Sta. 341+00
B.M. ~ Elev. 5886.45' Nail in 12" Pine 30' Lt. Sta. 342+00
B.M. ~ Elev. 5915.15' Bolt in gate post 27' Lt. Sta. 342+95

Roadway Dike on Lt.
300' Lin. Ft.

Profile Grade

Ground Line

-4.848 %
200' V.C.
-4.576 %
500' V.C.
+5.397 %
500' V.C.
+1.66 %

340+64 - Existing Strawberry Creek Bridge - C.R.M. Arch
Extend 30' Lt. with Structural Plate Arch
24' Span - 12' Rise - Tangent
(Beveled for 1/12 Slope)
Place Hand Laid Riprap at Inlet
Mortared paved Waterway Invert.
(See Sheet 16 for Details)
341+40 ~ Elev. 5880.00'
341+50 ~ 12" C.C.M. Outlet Flume 16'
1 - Metal Rip Apron

332+79 ~ Existing 24" C.C.M. Pipe 60'
Extend 8' Rt. & 8' Lt.

334+00 ~ Elev. 5914.60'

347+87 ~ Elev. 5914.92'

Strawberry Creek

Excavation ~ Cu. Yds. ~~5374~~
Embankment ~ Cu. Yds. 4214
Overhaul ~ Yd. Mi. 281
From Sta. 324+61

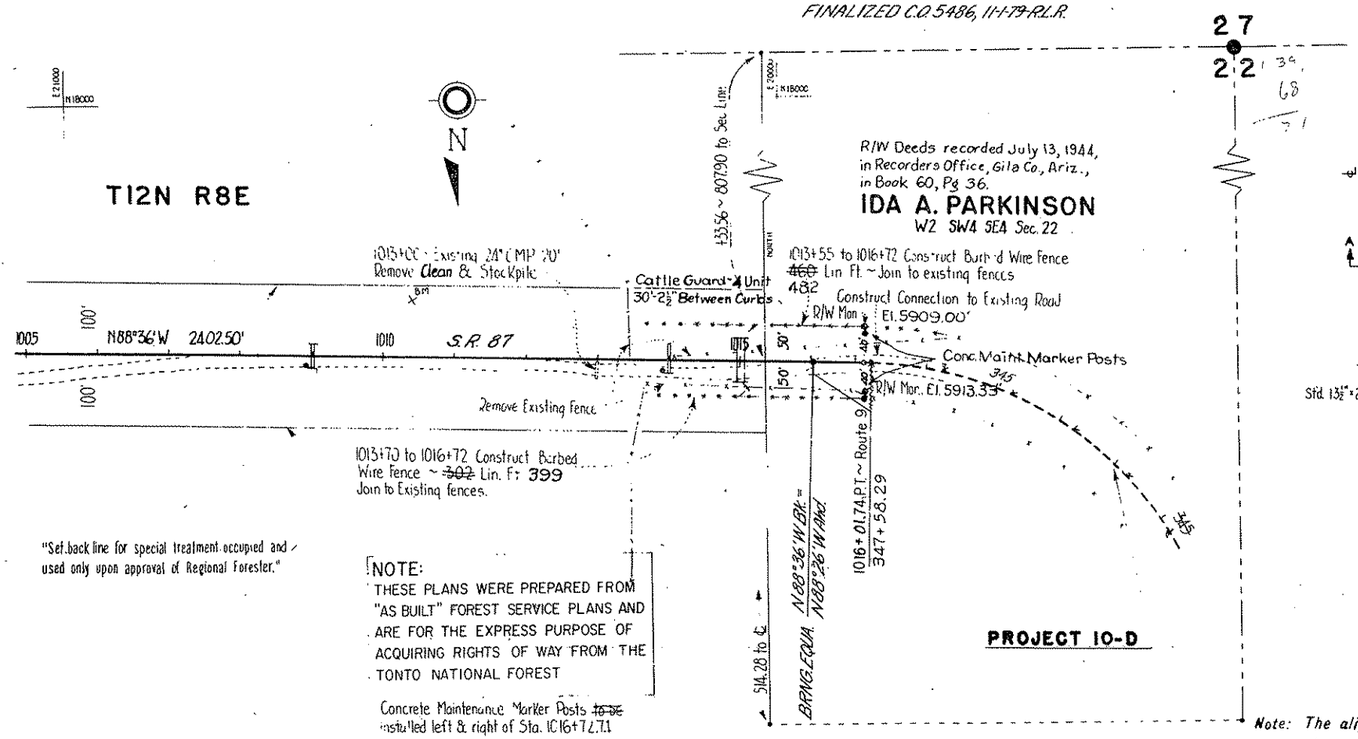
REDUCED SIZE DO NOT SCALE

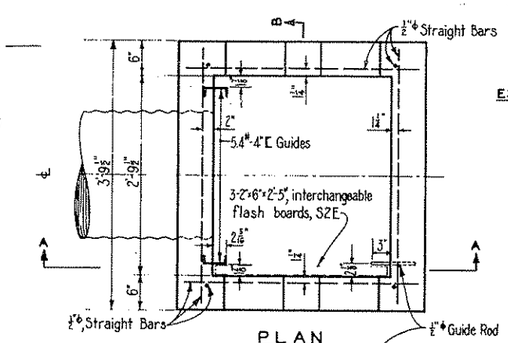
Click here for SR 87 Index

FINALIZED C.O. 5486, 11-1-79-R.L.R.

DIV. NO	STATE	ROUTE NO.	SECTION	SHEET NO	TOTAL SHEETS
7	ARIZ	FH9	F	9	13

Construction Revisions Shown

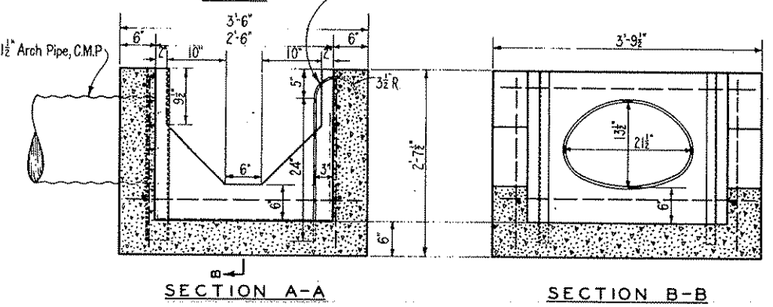




ESTIMATE OF QUANTITIES FOR ONE DROP INLET
(4 - Required)

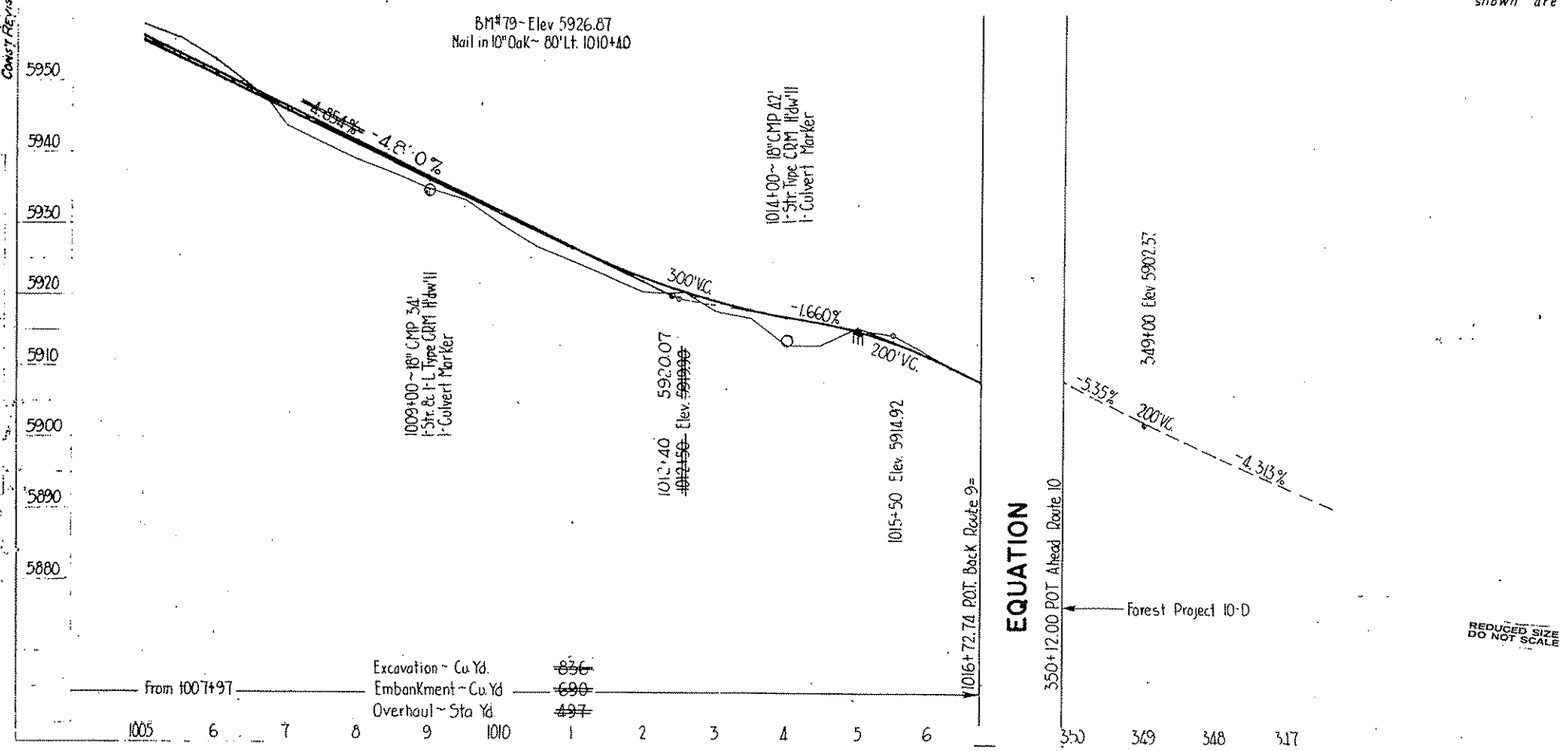
Reinforcing Steel	31 lbs
Structural Steel	28 lbs
Untreated Timber	7.5 F.B.M.
Class "A" Concrete	0.6 Cu. Yds.

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON — FLAGSTAFF HIGHWAY
Payson — Coconino Co. Line
Drawing No. D-4-T-344
Sheet 35 of 40



DROP INLET - SPECIAL
SCALE 1"=1'-0"
(For location of Drop Inlets see Sheet No. 4)

FINALIZED



REDUCED SIZE DO NOT SCALE

Click here for SR 87 Index

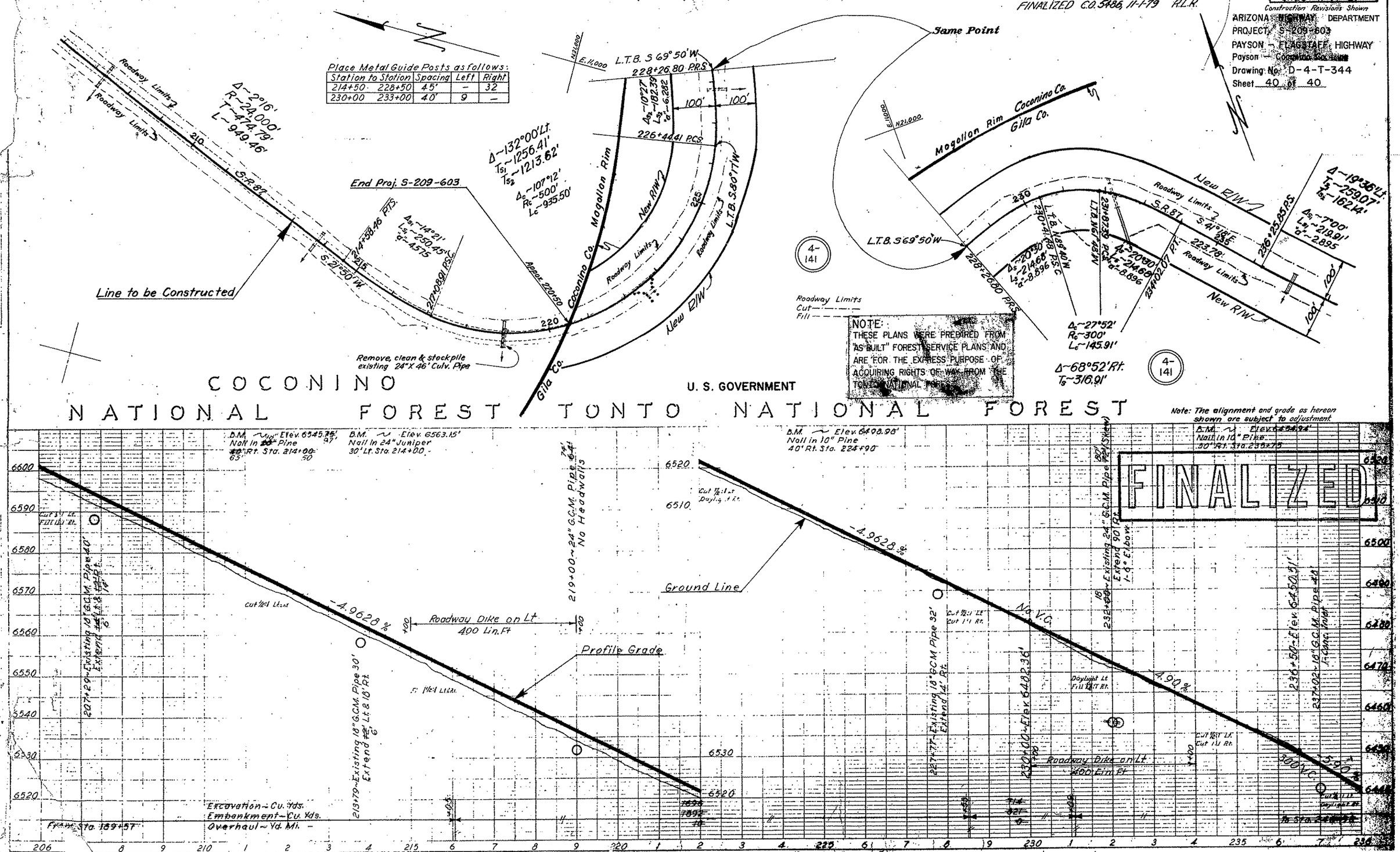
Click here for SR 87 Index

SEC. 16, T. 12 N., R. 8 E., G. & S. R. B. & M.

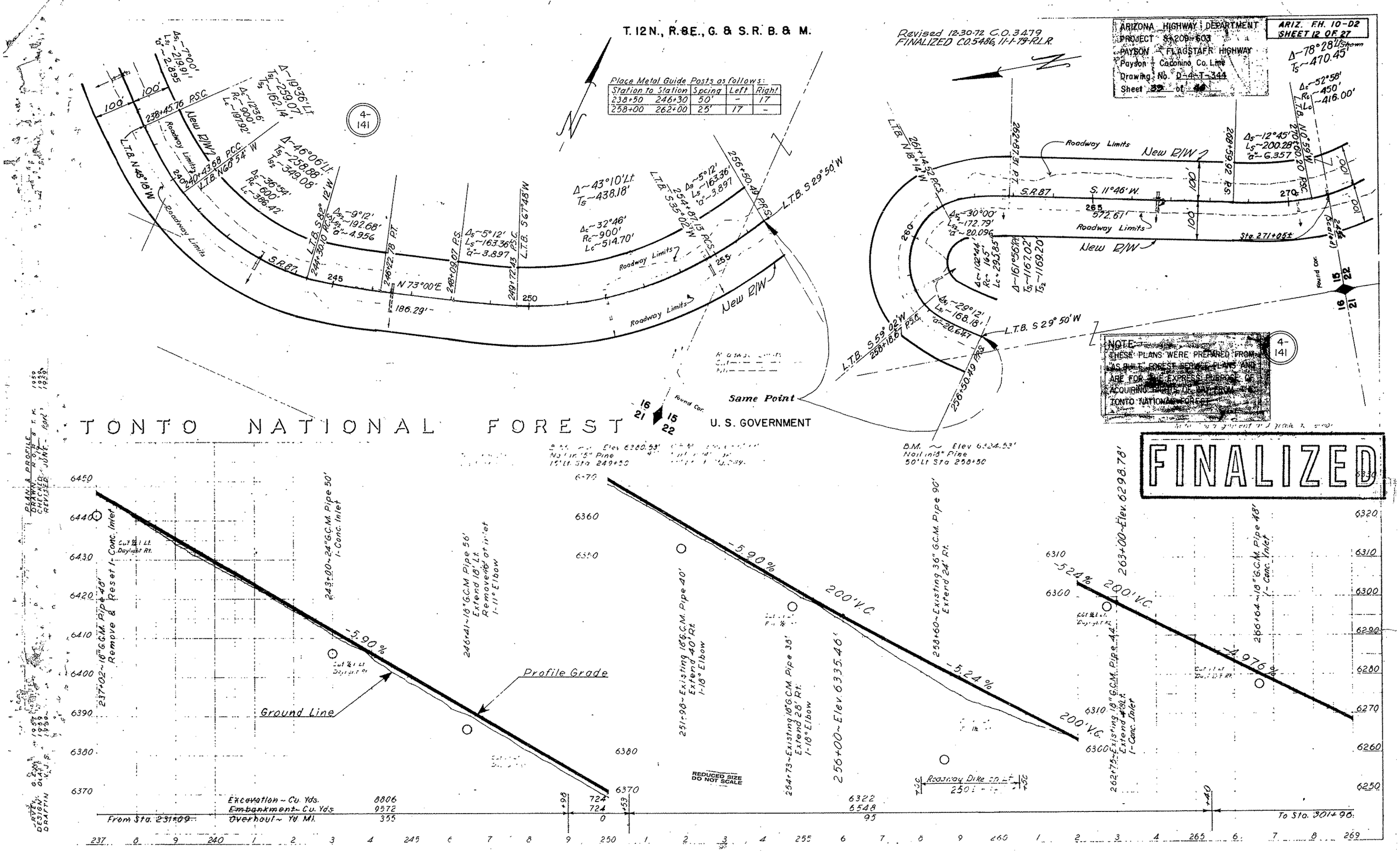
Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 R.L.R.

ARIZ. F.H. 10-D2
SHEET 11 OF 27

Construction Revisions Shown
ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON - FLAGSTAFF HIGHWAY
Payson - Coconino Sec. Line
Drawing No. D-4-T-344
Sheet 40 of 40



Click here for SR 87 Index



Click here for SR 87 Index

FINALIZED C.O.5486, 11-1-79-RLR T. 12 N., R. 8 E., G. & S. R. B. & M.

Revised 12-30-72 C.O. 3479

FINALIZED

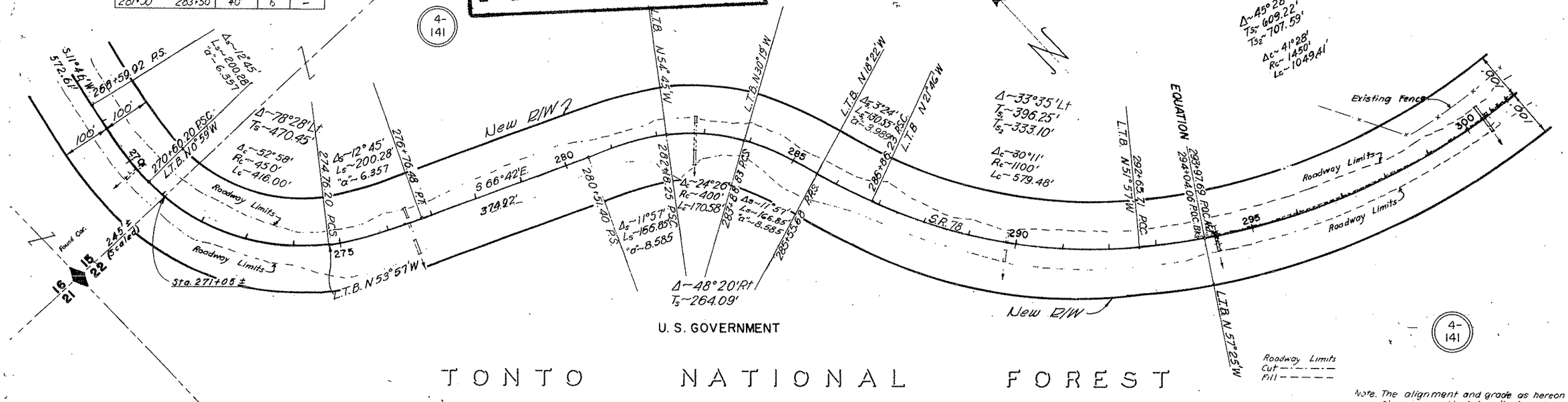
NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 38 of 40

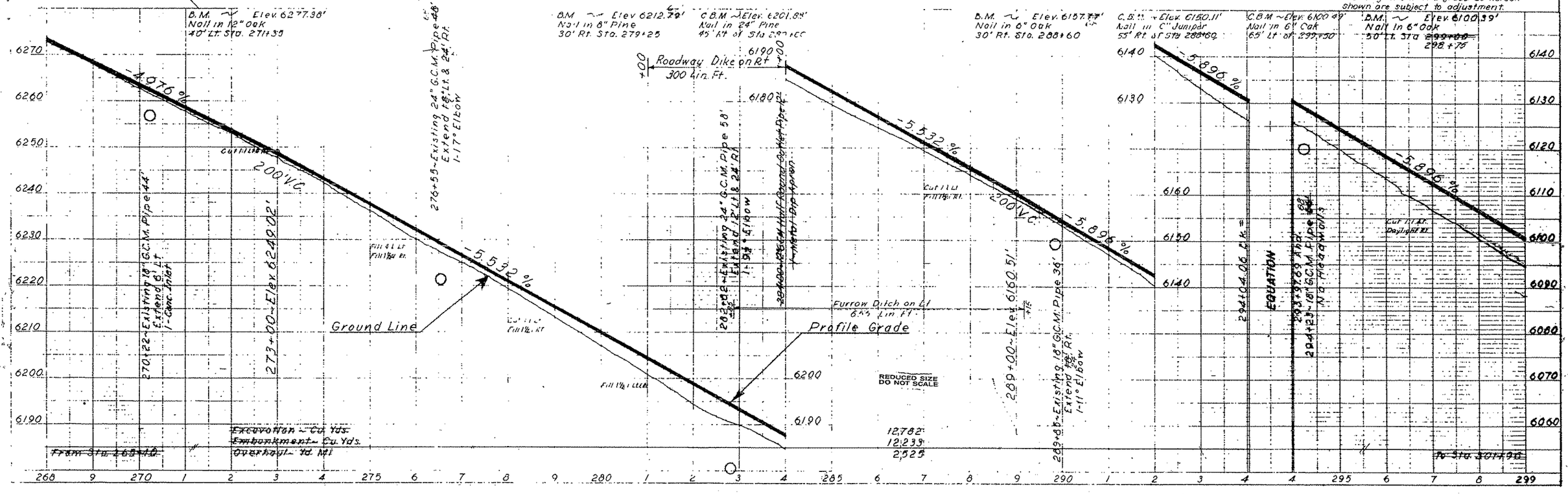
ARIZ. F.H. 10-D2
SHEET 13 OF 27
Construction Revisions Shown

Place Metal Posts as follows:

Station to Station		Spacing	Left	Right
270+60	276+76	45'	–	15
281+00	283+50	40'	6	–



TONTO NATIONAL FOREST



PLAN & PROFILE
DRAWN
CHECKED
REVISED
JUNE

PLANS
SURVEY
DESIGN
DRAFTING

Revised 11-24-93 C.O. 8759
Added New R/W 1991, Aban. Note &
Zipped Area; Performed By DMJM
Arizona, Inc.

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79-R.L.R.

NOTE:
THESE PLANS WERE PREPARED FROM AS BUILT FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON — FLAGSTAFF HIGHWAY
Payson — Coconino Co. Line
Drawing No. D-4-T-344
Sheet 3 of 40

DWG. NO.	STATE	PROJ. NO.	SECT. NO.	Sheet No.	Total Sheets
7	Ariz.	F.H.9	H	12	27

Construction Revisions Shown

Click here for SR 87 Index

CITY OF PAYSON

TION R10E | TIIN R10E

AREA ABANDONED BY ADOT TO TOWN OF PAYSON BY RES. NO. 91-05-A-34, REC. 6-4-91, DKT. 832, PG. 807.

Exist. R/W — R/W Monument — 75+25.44 — 804.60 — 881.26

S.R. 87 — N1°39'E 14235.50'* — New R/W — Exist. R/W

100' & 55' LT. SUR. ℄ S.R. 87 P.O.T. 92+20.00

100' & 55' RT. SUR. ℄ S.R. 87 P.O.T. 92+20.00

85' & 55' LT. SUR. ℄ S.R. 87 P.O.T. 100+85.00

85' & 55' LT. SUR. ℄ S.R. 87 P.O.T. 100+60.00

B.C. Monument Elev. 5001.52'

B.C. Monument Elev. 4983.93'

NEW R/W 1991

65' & 55' RT. SUR. ℄ S.R. 87 P.O.T. 100+20.00

65' & 55' RT. SUR. ℄ S.R. 87 P.O.T. 100+45.00

P.O.T. 101+50.89 Sur. ℄ BEG. R/W PROJ. S-209-603 (ON R/W PROJ. F-073-1-801)

Sta. 101+69.23 Sec. Line Tie Assumed Twp. Line Tie

Beginning of Project S-209-603

F.H. ROUTE 9 — F.H. ROUTE 11 — S.R. 260 — Exist. R/W — THE KOHLS RANCH

BEG. R/W PROJ. F-073-1-801 P.O.T. 75+14.29

END CONSTR. PROJ. F-053-1(1)

BEG. CONSTR. PROJ. F-073-1(1) P.O.T. 80+00.00 Sur. ℄ = P.O.T. 0+00.00 S.R. 260

NOTE:
* Distance From Sta. 61+11.08 Ahd. on Sheet 12 of Proj. F-053-1-801 to T.S. 203+46.58 on Sheet 7 of this Project.

Note: The alignment and grade as hereon shown are subject to adjustment.

B.M. Elev. 4959.42 Rail Spike in 14" Pine 50 Rt. 80+50

B.M. Elev. 4961.92 Rail spike in 24" Jumper 60 Rt. 90+00

B.M. Elev. 4984.65 Rail spike in 24" Pine 80 Rt. 99+75

73+65 - 18" C.M.P. 44' No Hdwls.

80+00 - Elev. 4954.96

82+50 - 2½' x 1.5' C.M.P. Arch 36' 1-C.R.M. Headwall: Straight Type 1-Culvert Marker

87+00 - 24" x 38' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker

89+00 - Elev. 4959.64

96+50 - Elev. 4995.00

100+50 - 18" x 44' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker

+1.605% — 200' V.C. — +0.52% — 500' V.C. — +4.714% — 900' V.C. — -3.200%

5000 — 4990 — 4980 — 4970 — 4960 — 4950

Furrow Ditch Lt 1150 Lin. Ft.

Excavation - Cu. Yds. — ~~1003~~ (Incl. ~~322~~ Cu. Yds. from Connecting Road on Rt.) — ~~246~~ ~~240~~ ~~592~~ — ~~2296~~ ~~2296~~ ~~1096~~

Embankment - Cu. Yds. — ~~1954~~

Overhaul - Sta. Yds. — ~~6000~~

To ~~104+30~~

3 4 5 6 7 8 9 80 1 2 3 4 5 6 7 8 9 90 1 2 3 4 5 6 7 8 9 100 1 2 3 4

Click here for SR 87 Index

Revised 11-24-93 C.O. 8759
Added New R/W 1991, Aban. Note & Zipped Area; Performed By DMJM Arzona, Inc.

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79-R.L.R.

SEC. 34

ARIZONA HIGHWAY DEPARTMENT
PROJECT
PAYSON - FLAGS AFF HIGHWAY
Payson - Coconino Co. Line
Drawing No D-4-T-344
Sheet 4 of 40

DIV. NO.	STATE	PROJ. NO.	SECT. NO.	Sheet No.	Total Sheets
7	Ariz.	F.H.9		13	27

Construction Revisions Shown

T11N R10E

CITY OF PAYSON

H.E.S. 446

S64°17'W 1288.03 ℄ to Cor. #1-134+37.45

85' & 55' LT. SUR. ℄ S.R. 87 P.O.T. 104+30.00
85' & 55' LT. SUR. ℄ S.R. 87 P.O.T. 104+60.00
85' & 55' LT. SUR. ℄ S.R. 87 P.O.T. 106+25.00
85' & 55' LT. SUR. ℄ S.R. 87 P.O.T. 106+55.00
100' & 55' LT. SUR. ℄ S.R. 87 P.O.T. 131+00.00
75' & 55' RT. SUR. ℄ S.R. 87 P.O.T. 107+50.00
75' & 55' RT. SUR. ℄ S.R. 87 P.O.T. 107+75.00
75' & 55' RT. SUR. ℄ S.R. 87 P.O.T. 118+50.00
75' & 55' RT. SUR. ℄ S.R. 87 P.O.T. 119+10.00
70' & 55' RT. SUR. ℄ S.R. 87 P.O.T. 129+25.00
70' & 55' RT. SUR. ℄ S.R. 87 P.O.T. 129+75.00
100' & 55' RT. SUR. ℄ S.R. 87 P.O.T. 131+00.00

NEW R/W 1991
New R/W
S.R. 87
N1°39'E
14235.50'*
B.M.
Exist. R/W
R/W Monument
R/W Mon
Exist. R/W
205+21 ℄ to Cor. #8
P.O.T. 122+00.00 Sur. ℄
P.O.T. 131+00.00 Sur. ℄
END CONSTR. PROJ. F-073-1(1)
END R/W PROJ. F-073-1-801

AREA ABANDONED BY ADOT TO TOWN OF PAYSON BY RES. NO. 91-05-A-34, REC. 6-4-91, DKT. 832, PG. 807.

*See Note on Sheet 3

NOTE: See R/W Proj. F-073-1-801 For Details of Constr. Features, Esmts, etc.

Note: The alignment and grade as hereon shown are subject to adjustment.

B.M. Elev. 4981.67
Rail spike in 18" Pine 65' Rt. 111+50

B.M. Elev. 4987.07
Rail spike in 20" Pine 70' Rt. 119+85

B.M. Elev. 4991.35
Rail spike in 15" Pine 50' Rt. 130+25

104+00 - Elev. 4971.00
104+51 - 24"x50' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker
107+60 - 24"x48' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker
114+00 - Elev. 4984.72
117+00 - 24"x46' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker
122+00 - Elev. 4993.76
124+50 - 24"x58' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker
129+50 - 24"x44' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker
131+82 - 18"x40' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker
133+34 - 30"x40' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker

600'VC
+1.372 %
400'VC
+1.130 %
600'VC
-0.470 %

5010
5000
4990
4980

Furrow Ditch Lt. 400 Lin. Ft.

Excavation - Cu. Yds.
Embankment - Cu. Yds.
Overhaul - Sta. Yds.

Click here for SR 87 Index

Div. No.	State	Proj. No.	Sect. No.	Sheet No.	Total Sheets
7	Ariz.	F.H.9	H	114	27

Revised 12-30-72 C.O. 3479
Revised 5-8-73 C.O. 3538 WDS Added Par. 4-145

FINALIZED C.O. 5486, 7-17-79 R.L.B.

Construction Revisions Shown

T11N R10E SEC. 34

LEO LEWIS LOWE
HES #446

R/W Deed recorded Feb. 8, 1947 in Book 62, page 503, Deeds to Real Estate, Gila Co., Arizona.

CITY OF PAYSON

LOT 3 — LOT 2 — SEC. 27

HARRIET B. HAMMOND
HES #123

R/W Deed recorded Feb. 12, 1947 in Book 62, Page 515, Deeds to Real Estate, Gila Co., Arizona.

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 5 of 40

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST

~~TONTO NATIONAL FOREST~~

*See Note on Sheet 3

Note: The alignment and grade as hereon shown are subject to adjustment.

FINALIZED

B.M. Elev. 4988.73 Nail in 24" Oak 90'± Rt. 141+42

B.M. Elev. 5012.78 Rail spike in 12" Cedar 40' Rt. 149+50

B.M. Elev. 5041.09 Rail spike in 12" Pine 80' Rt. 160+00

Furrow Ditch Rt. 270 Lin. Ft.

Furrow Ditch Lt. 700 Lin. Ft.

Furrow Ditch Rt. 2100 Lin. Ft.

Excavation – Cu. Yds.
Embankment – Cu. Yds.
Overhaul – Sta. Yds.

REDUCED SIZE DO NOT SCALE

PLATE 1 – PLAN PROFILE

Click here for SR 87 Index

DIV. NO.	STATE	PROJ. NO.	SECT. NO.	Sheet No.	Total Sheets
7	Ariz.	F.H.9	H	15	27

Revised 12-30-72 C.O. 3479
Revised 5-8-73 C.O. 3538 WOs Added Per 4-145
FINALIZED C.O. 5486, 11-1-79-R.L.R.

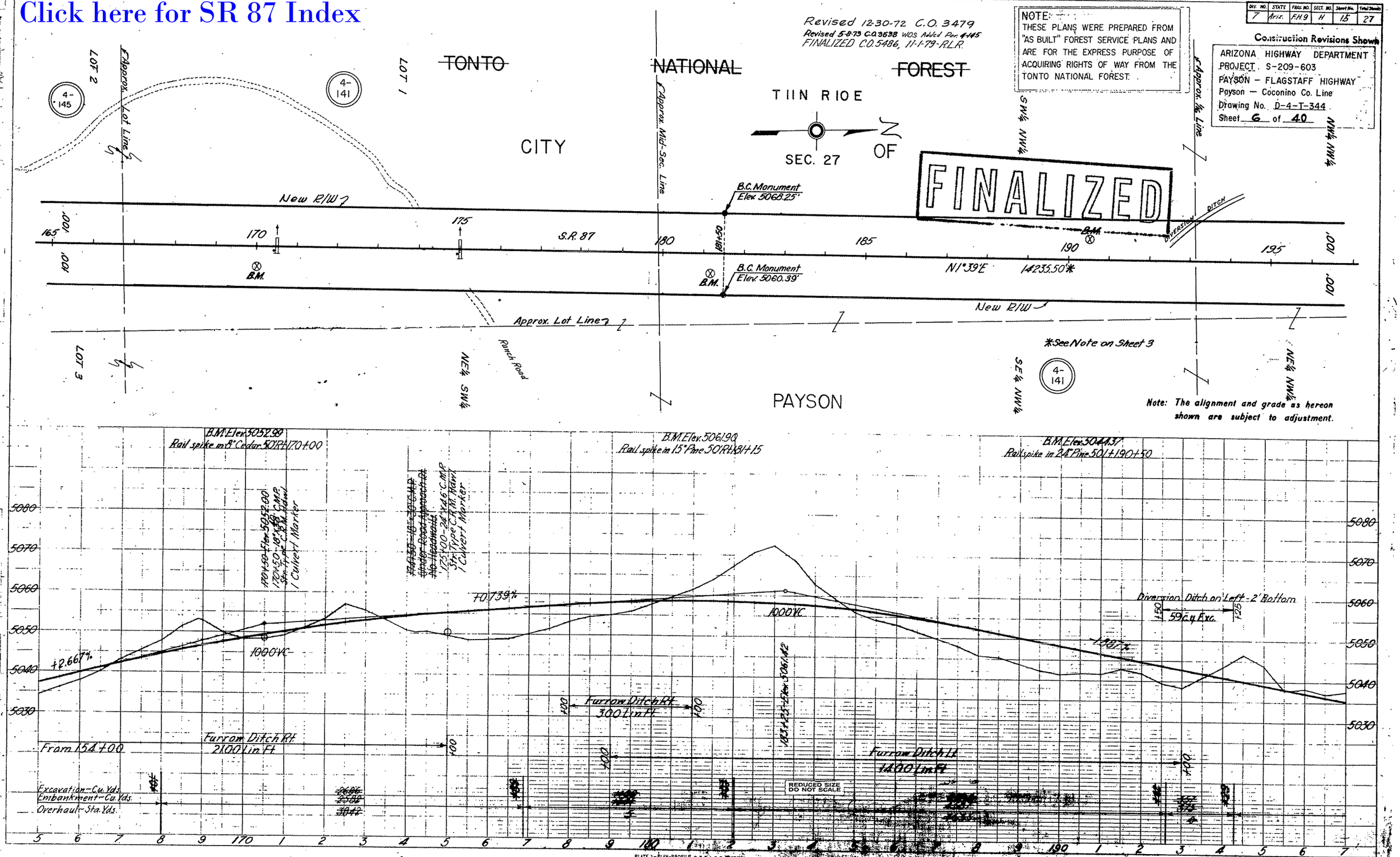
NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

Construction Revisions Shown

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 6 of 40

CONSTRUCTION REVISIONS
TRACED: R.V.S. DATE 4/1
CHECKED: R.L.L. DATE 12-72

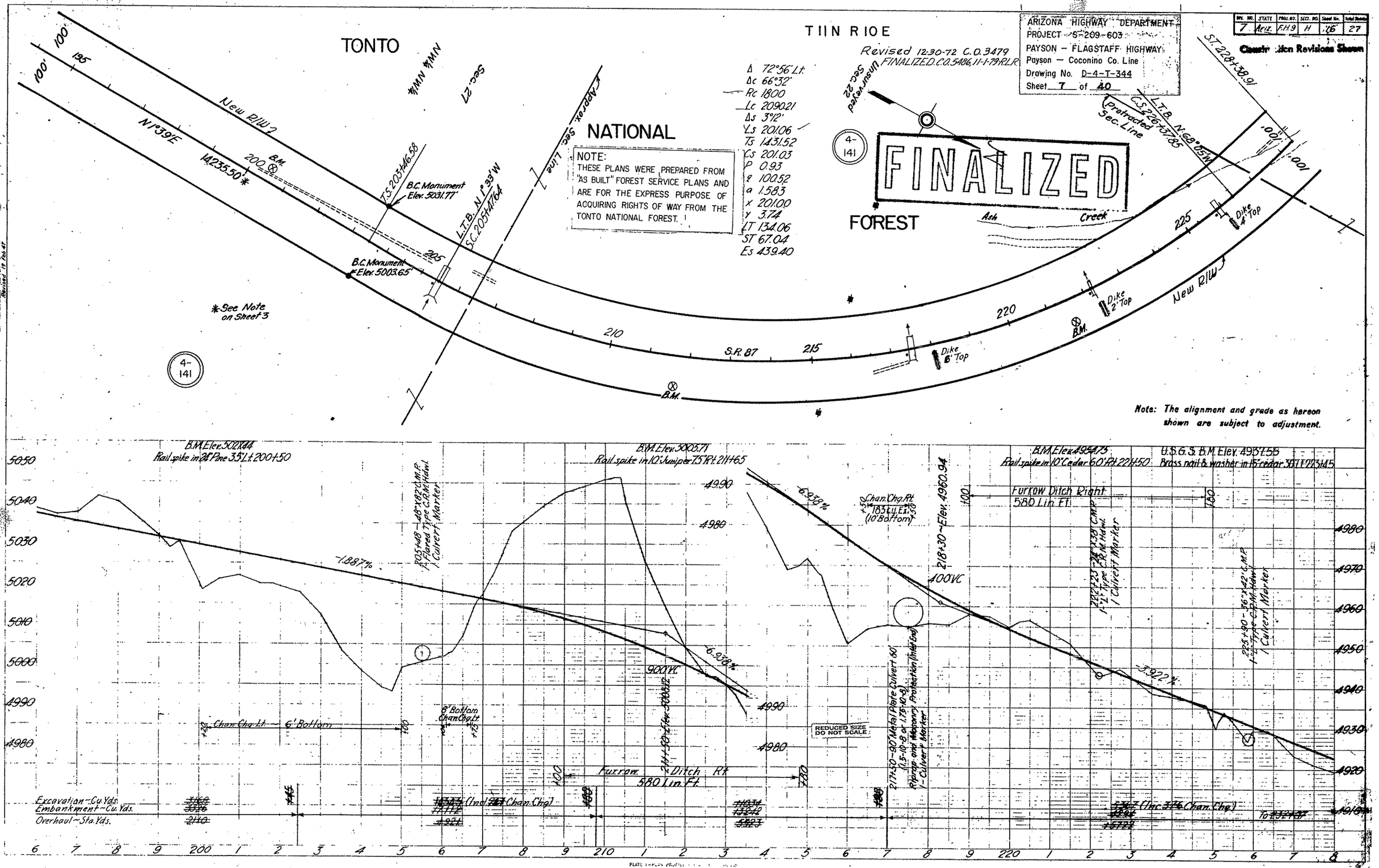
PLAN



Div. No.	State	Proj. No.	Sect. No.	Sheet No.	Total Sheets
7	Ariz.	F-H 9	H	26	27

Construction Revisions Shown

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON — FLAGSTAFF HIGHWAY
Payson — Coconino Co. Line
Drawing No. D-4-T-344
Sheet 7 of 40



Click here for SR 87 Index

Click here for SR 87 Index

DIV. NO.	STATE	PROJ. NO.	SECT. NO.	Sheet No.	Total Sheets
7	Ariz	F.H.9	H	17	27

Construction Revisions Shown

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 8 of 40

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 - R.L.R.

T. 11 N. R. 10 E.

4-141

Δ 26°52' Lt.
R 3000
T 716.55
L 1406.74
E 84.39

B.C. Monument Elev. 4858.20'

B.C. Monument Elev. 4846.98'

B.C. Monument Elev. 4878.68'

T.C. 250+59.37

C.T. 245+14.00

T.C. 229+64.35

ST. 228+58.91

New R/W

B.M.

ASH CREEK

S.R. 87

N43°36'W 545.37'

N71°17'W 225.59'

Δ 27°41' Rt.
R 3000
T 739.18
L 1449.50
E 89.72

Unsurveyed Sec. 21

Unsurveyed Sec. 22

Protracted Sec. Line

TONTO NATIONAL FOREST

FINALIZED

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

Note: The alignment and grade as hereon shown are subject to adjustment

B.M. Elev. 4915.41
Rail spike in 10" Pine 100' Lt. 232+25

B.M. Elev. 4872.19
Nail in 15" Oak 35' Rt. 243+50

Nail in 6" Oak 40' Rt. 251+10

-3.922%

400' VC

-3.055%

-1.412%

400' VC

Channel Change Lt
8' Bottom

Furrow Ditch Rt.
500 Lin. Ft.

Furrow Ditch Rt.
425 Lin. Ft.

Furrow Ditch Rt.
300 Lin. Ft.

Furrow Ditch Rt.
850 Lin. Ft.

To 260+50

229+50 – 18" x 40' C.M.P.
1 Str. Type C.R.M. Hdwl.
1 Culvert Marker
230+00 – Elev. 4869.60

237+50 – 24" x 50' C.M.P.
1 Str. Type C.R.M. Hdwl.
1 Culvert Marker

245+25 – 24" x 54' C.M.P.
1 Str. Type C.R.M. Hdwl.
1 Culvert Marker

249+00 – Elev. 4885.00
249+50 – 24" x 54' C.M.P.
1 Str. Type C.R.M. Hdwl.
1 Culvert Marker

251+50 – 30" x 72' C.M.P.
1 Str. Type C.R.M. Hdwl.
1 Culvert Marker

254+87 – 18" x 38' C.M.P.
1 Str. Type C.R.M. Hdwl.
1 Culvert Marker

258+84 – 24" x 38' C.M.P.
1 Str. Type C.R.M. Hdwl.
1 Culvert Marker

Excavation – Cu. Yds.
Embankment – Cu. Yds.
Overhaul – Sta. Yds.

~~1704~~ (Inc. ~~90~~ Chan. Chg.)
~~1043~~
~~0~~

~~2460~~ (Incl. ~~248~~ Chan. Chg.)
~~2374~~
~~0~~

~~[illegible]~~ (Incl. ~~[illegible]~~ Chan. Chg.)
~~[illegible]~~

~~[illegible]~~ (Incl. ~~[illegible]~~ Chan. Chg.)
~~[illegible]~~

REDUCED SIZE DO NOT SCALE

PROFILE

PLAN

CONSTRUCTION REVISIONS:
PLANS 1/65 DATE 1/67
CHECKED 11-6-74 DATE 12-30-72

Click here for SR 87 Index

DIV. NO.	STATE	PROJ. NO	SECT. NO.	Sheet No.	Total Sheets
7	Ariz.	F.H.9	H	18	27

Construction Revisions Shown

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON — FLAGSTAFF HIGHWAY
Payson — Coconino Co. Line
Drawing No. D-4-T-344
Sheet 9 of 40

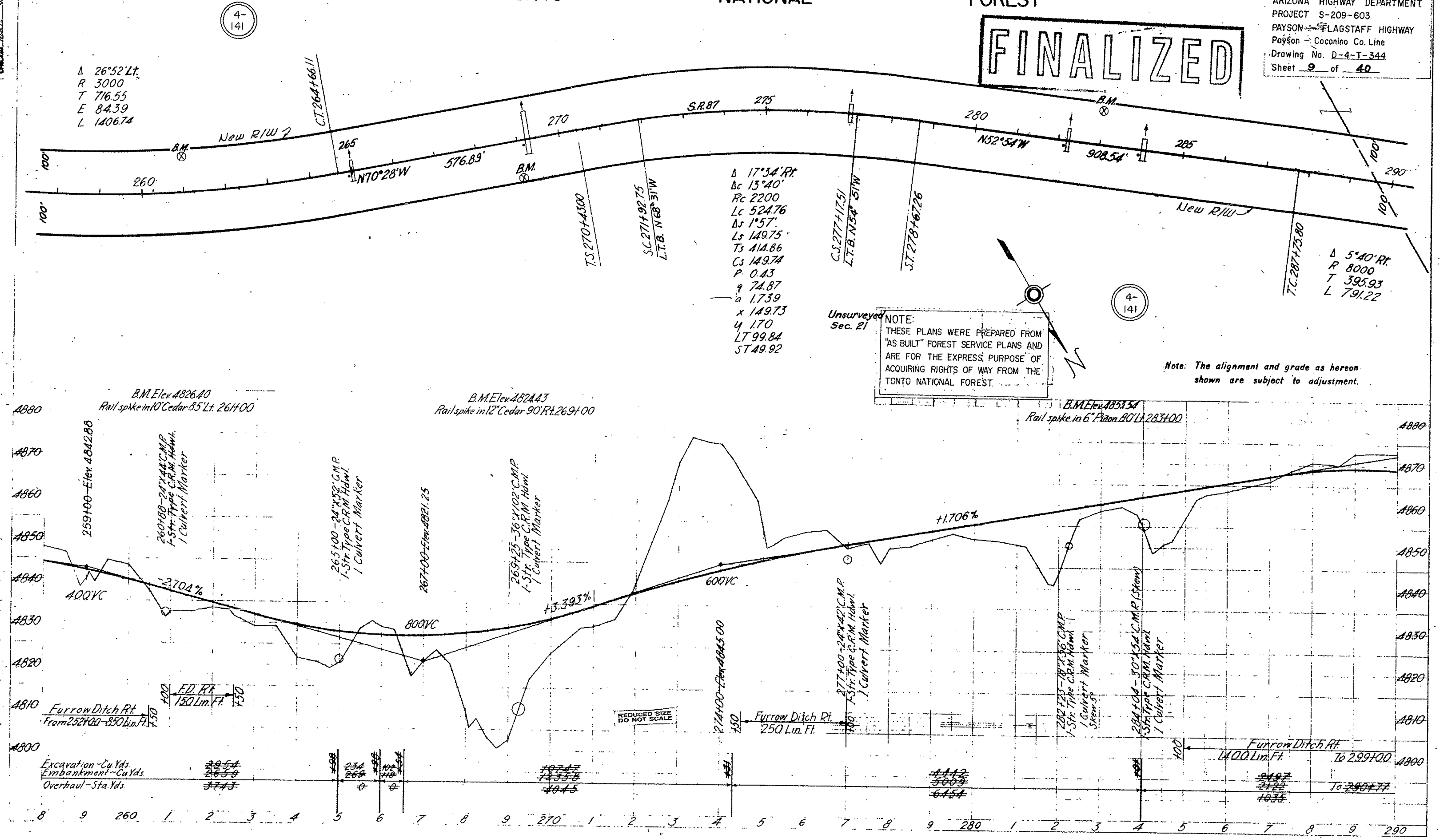
Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 - R.L.R.

FINALIZED

CONSTRUCTION REVISIONS: TRACED PNS DATE 32 CHECKED MRH DATE 1960

T. 11 N. R. 10 E.

TONTO NATIONAL FOREST



NOTE: THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

Note: The alignment and grade as hereon shown are subject to adjustment.

Click here for SR 87 Index

DIV. NO.	STATE	PROJ. NO.	SECT. NO.	Sheet No.	Total Sheets
7	Ariz.	FH-9	H	119	27

Construction Revisions Shown

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 10 of 40

T. 11 N. R. 10 E.
Unsurveyed Sec. 17

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 - R.L.R.

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

FINALIZED

Δ 16°39' Lt.
R 3000
T 438.99
L 871.79

T.C. 316+50.40

Protracted Sec. Line

4-141

New R/W

B.C. Monument Elev. 4850.08'

B.C. Monument Elev. 4863.31'

C.T. 295+67.02

295 Dike 2' Top

290 300 305 310 315 320

B.M.

Maintenance Marker Posts

Maintenance Marker Post

B.C. Monument Elev. 4827.24'

S.R. 87

N47°14'W 208.38'

B.C. Monument Elev. 4788.16'

Dike 2' Top

B.M.

C A L A H A N D R A W

Δ 5°40' Rt.
R 8000
T 395.93
L 791.22

Protracted Sec. Line

TONTO NATIONAL FOREST

4-141

Note: End of Project 9-H henceforth to be considered as sta. 306+46 as originally shown. Not 306+00. Rwfowy 8 Oct 54

END OF PROJECT FH-9H
STA. 306+46.00

Note: The alignment and grade as hereon shown are subject to adjustment.

B.M. D-29-Conc. Mon. 130' Lt. 29+50
U.S.C. & G. Elevation 4861.175 - P.R.R. Elev. 4860.61

B.M. Elev. 4824.78
Rail spike in 18" Forked Juniper 55' Rt. 299+40

B.M. Elev. 4768.46
Nail in 18" Juniper 75' Rt. 311+50

4870 4860 4850 4840 4830 4820 4810 4800

800' VC

-4.929%

294+00 Elev. 4874.00

294+86 - 18"x44' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker

300+50 - 24"x44' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker

307+50 - 18"x40' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker

300' VC

-4.929%

-4.543%

313+50 - 18"x41' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker

318+00 - 18"x40' C.M.P. 1-Str. Type C.R.M. Hdwl. 1 Culvert Marker

From 285+00

Furrow Ditch Rt. 1400 Lin. Ft.

Furrow Ditch Lt. 346 Lin. Ft.

Excavation - Cu. Yds.
Embankment - Cu. Yds.
Overhaul - Sta. Yds.

REDUCED SIZE DO NOT SCALE

9 290 1 2 3 4 5 6 7 8 9 300 1 2 3 4 5 6 7 8 9 310 1 2 3 4 5 6 7 8 9

PLATE 1 - PLAN-PROFILE - O.P.R. & B.C. STANDARD
KEUFFEL & ESSER CO., NEW YORK

Click here for SR 87 Index

T.11 N., R.10 E., G. & S.R. B. & M.

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 R.L.R.

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON - FLAGSTAFF HIGHWAY
Payson - Coconino Co. Line
Drawing No. D-4-T-344
Sheet 11 of 40

ARIZ. F.H. 9-DI, L
SHEET 4 OF 23
Construction Revisions Shown

FINALIZED

TONTO NATIONAL FOREST

4-141

Unsurveyed Sec. 17

N

Δ ~ 16°39' Lt.
R ~ 3000'
T ~ 438.99'
L ~ 871.79'

To Payson & Phoenix

Existing B.C. Mon. Elev. 4790.78'
Existing Maintenance Post
B.C. Mon. in Headwall Elev. 4790.78'
Existing Maintenance Post
Existing B.C. Mon. Elev. 4790.00'

New R/W

310

N 47°14' W
2083.38'

100'

B.C. Mon. in Headwall Elev. 4763.40'

315

316+50 P.C.

B.C. Mon. in Headwall Elev. 4741.93'

320

SR 87

B.C. Mon. in Headwall Elev. 4717.04'

325

326+22.19

B.C. Mon. Elev. 4717.25'

Channel Change

B.C. Mon. Elev. 4715.21'

Channel Change

B.C. Mon. in Headwall Elev. 4689.95'

330

N 69°53' W
975.27'

100'

New R/W

EXISTING ROAD → To Walling Cow Ranch

4-141

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

Note: The alignment and grade as hereon shown are subject to adjustment.

BEGINNING OF PROJECT
F.H. 9-DI, L at STA. 306+46

B.M. Elev. 4768.46
Nail in 18" Juniper, 75' Rt. of Sta. 311+50

B.M. Elev. 4728.46
Nail in 10" Cedar, 12.5' Rt. of Sta. 321+25

~~B.M. Elev. 46.78~~
~~Nail in 14" Cedar, 39' Rt. of Sta. 331+00~~

4800
4790
4780
4770
4760
4750
4740
4730

-4.929 %

300' V.C.

Cut 1½:1 Lt.
Fill 1½:1 Rt.

307+50 - 18" C.G.S.M. Culv. Pipe 44'
1-12" Type Conc. Hdwl.

313+50 - 18" C.G.S.M. Culv. Pipe 46'
1-12" Type Conc. Hdwl.

Profile Grade

Cut 1½:1 Lt.
Fill 1½:1 Rt.

-4.543 %

Ground Line

311+00 - Elev. 4775.42'

Cut 1½:1 Lt.
Fill 1½:1 Rt.

Cut 1½:1 Lt.
Cut 3½:1 Rt.

319+00 - 18" C.G.S.M. Culv. Pipe 44'
1-12" Type Conc. Hdwl.

322+44 - Elev. 4723.46'

323+00 - 18" C.G.S.M. Culv. Pipe 42'
1-12" Type Conc. Hdwl.

400' V.C.

Cut 1½:1 Lt.
Fill 1½:1 Rt.

Channel Change on Rt.
4' Bottom

Channel Change on Rt. Lt.
4' Bottom

(Skew)
327+71 - 36" C.G.S.M. Culv. Pipe 72'
1-12" Type Conc. Hdwl.

-6.00 %

Cut 1½:1 Lt.
Cut 1½:1 Lt.

Cut 1½:1 Rt.

Furrow Ditch on Rt. - 2100 Lin. Ft.

Furrow Ditch on Left
185 Lin. Ft.

~~Excavation - Cu. Yds.~~
~~Embankment - Cu. Yds.~~
~~Overhaul - Sta. Yds.~~

~~2210~~
~~1918~~
~~0~~

REDUCED SIZE DO NOT SCALE

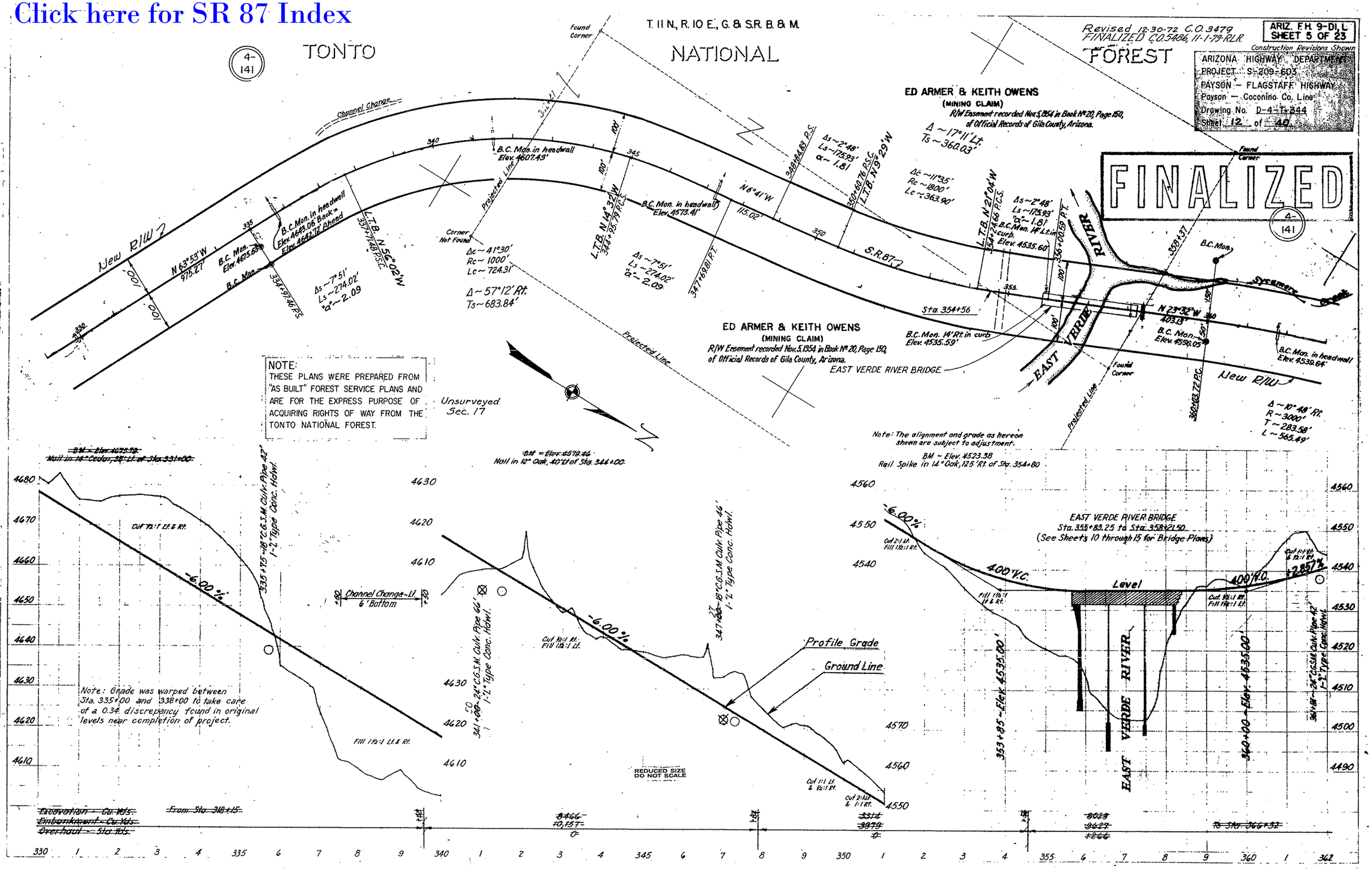
306 7 8 9 310 1 2 3 4 5 6 7 8 9 320 1 2 3 4 5 6 7 8 9 330 331

Construction Revisions
Traced By: M. Cameron 56
Checked By: D. Blum 56

PROFILE, PLAN AND PROFILE REVISED
SURVEYED
BEARINGS
TRACED
SCALES
PROFILE REVISED

PROFILE
SURVEYED
BEARINGS
NOTE BOOK
GRADES CHECKED
B. M.'S NOTED
NO.
STRUCTURE NOTES CH. NO.
BY
DATE

Click here for SR 87 Index



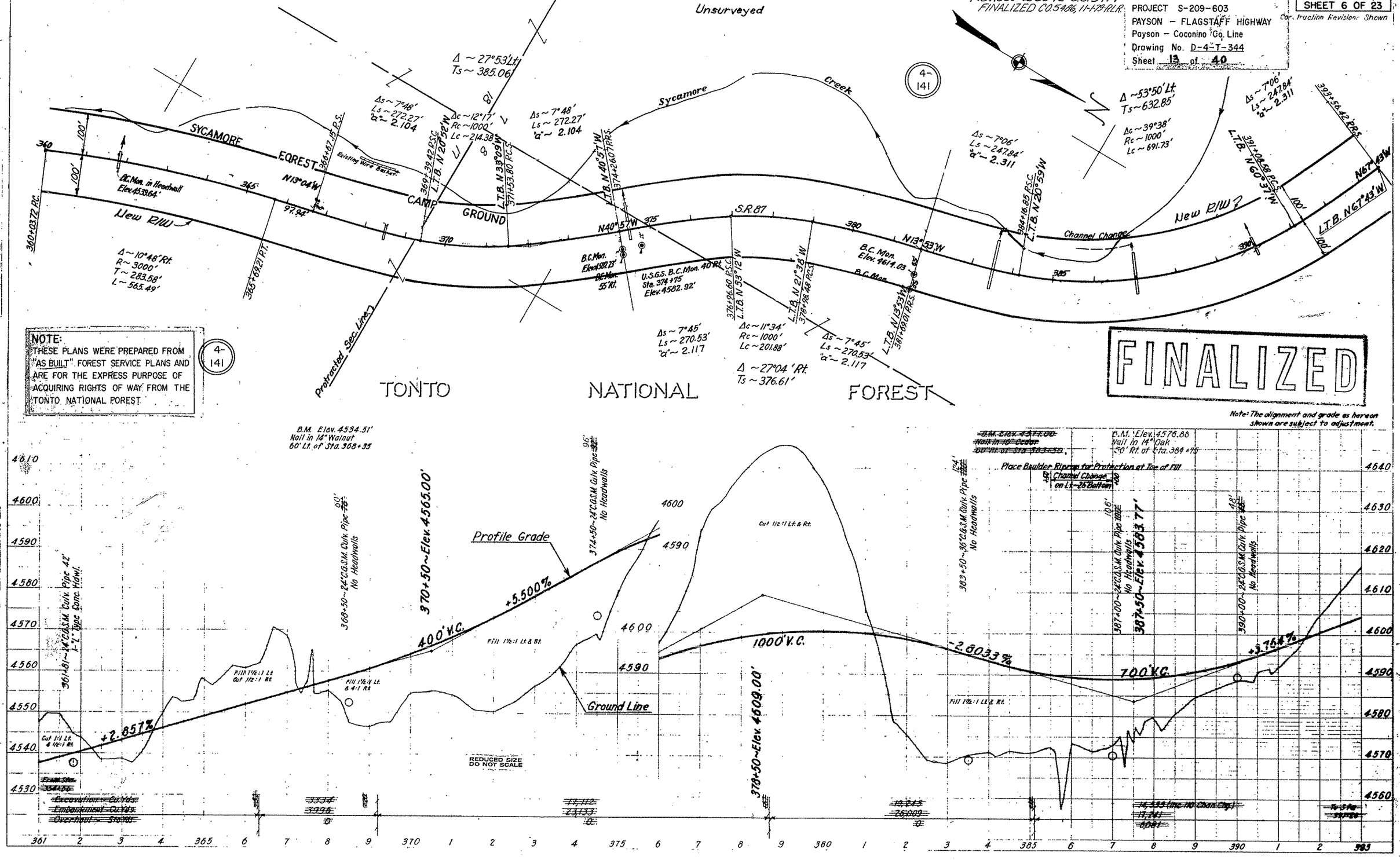
Click here for SR 87 Index

T. 11 N., R. 10 E., G. & SR. B. & M.
Unsurveyed

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 R.L.R.

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 13 of 40

ARIZ. F.H. 9-D1, L
SHEET 6 OF 23
Construction Revisions Shown



NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST

4-141

PLAN AND PROFILE

PROFILE

Construction Revisions
Traced By: E.L.W. 1956
Checked By: C.F.J. 1958

Click here for SR 87 Index

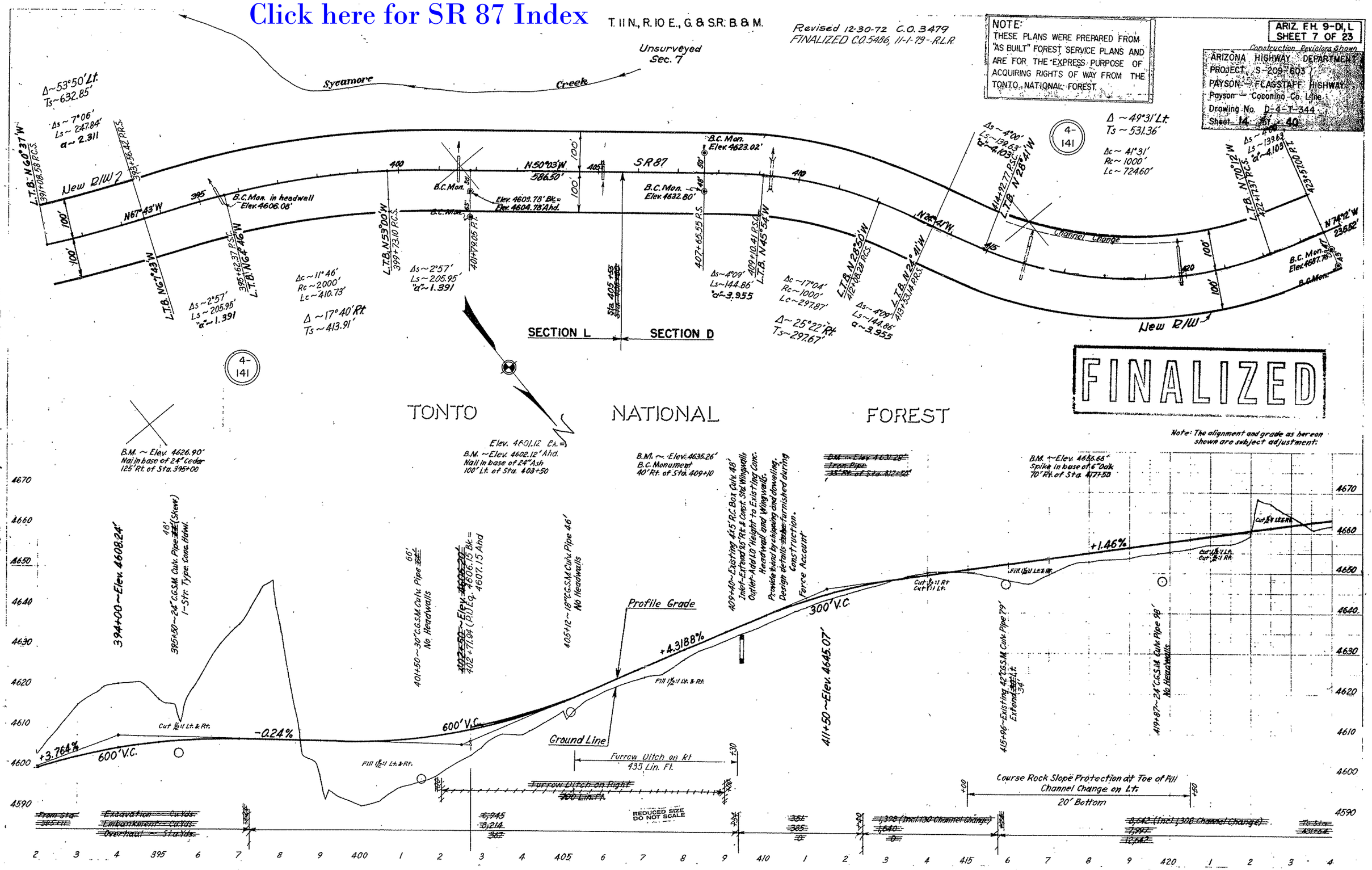
T. 11 N., R. 10 E., G. & S.R. B. & M.

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 - R.L.R.

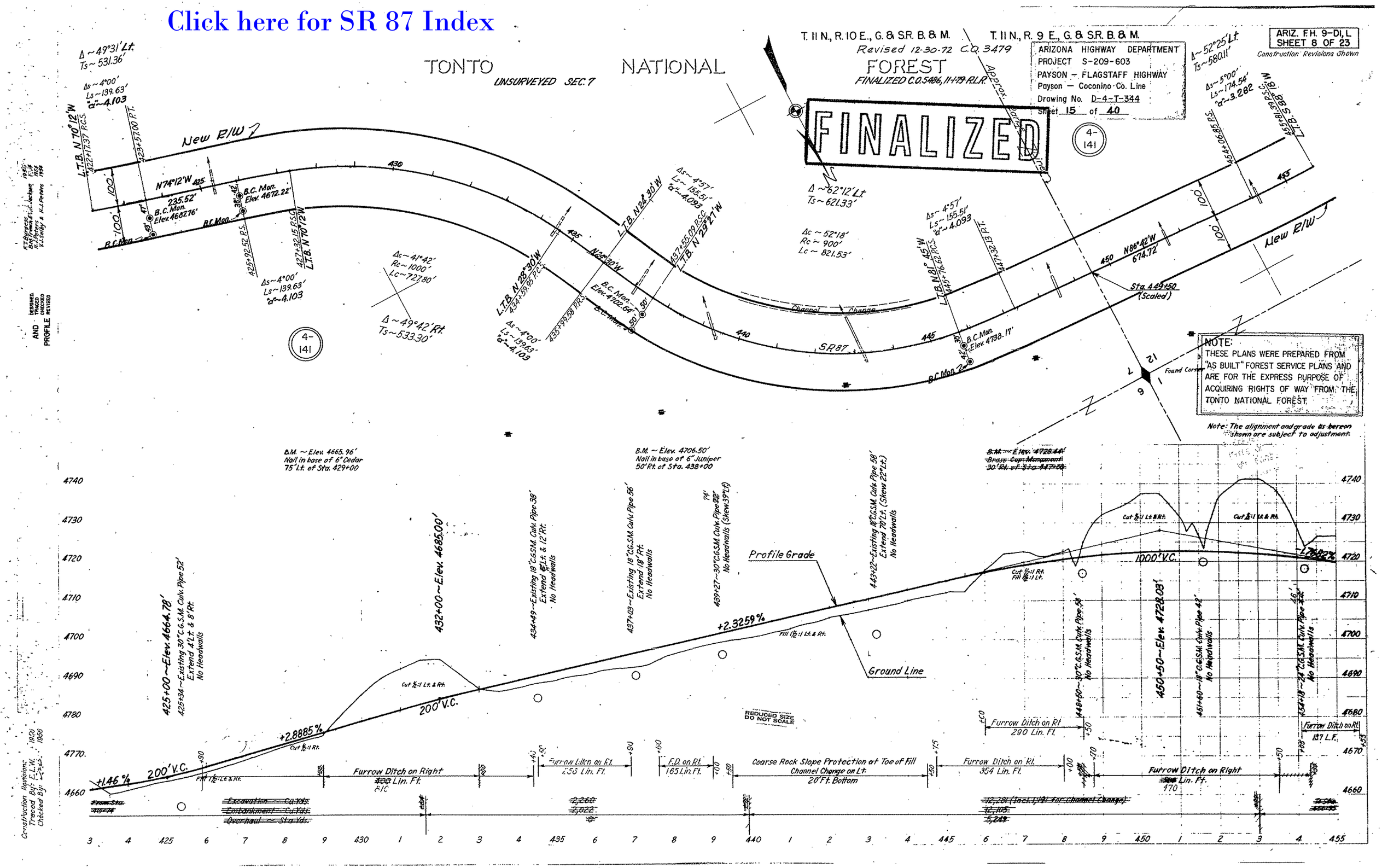
NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

ARIZ. F.H. 9-D1, L
SHEET 7 OF 23

Construction Revisions Shown
ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON - FLAGSTAFF HIGHWAY
Payson - Coconino Co. Line
Drawing No. D-4-T-344
Sheet 14 of 40



Click here for SR 87 Index



Click here for SR 87 Index

T. 11 N., R. 9 E., G.& S.R. B.& M.
Sec. 12

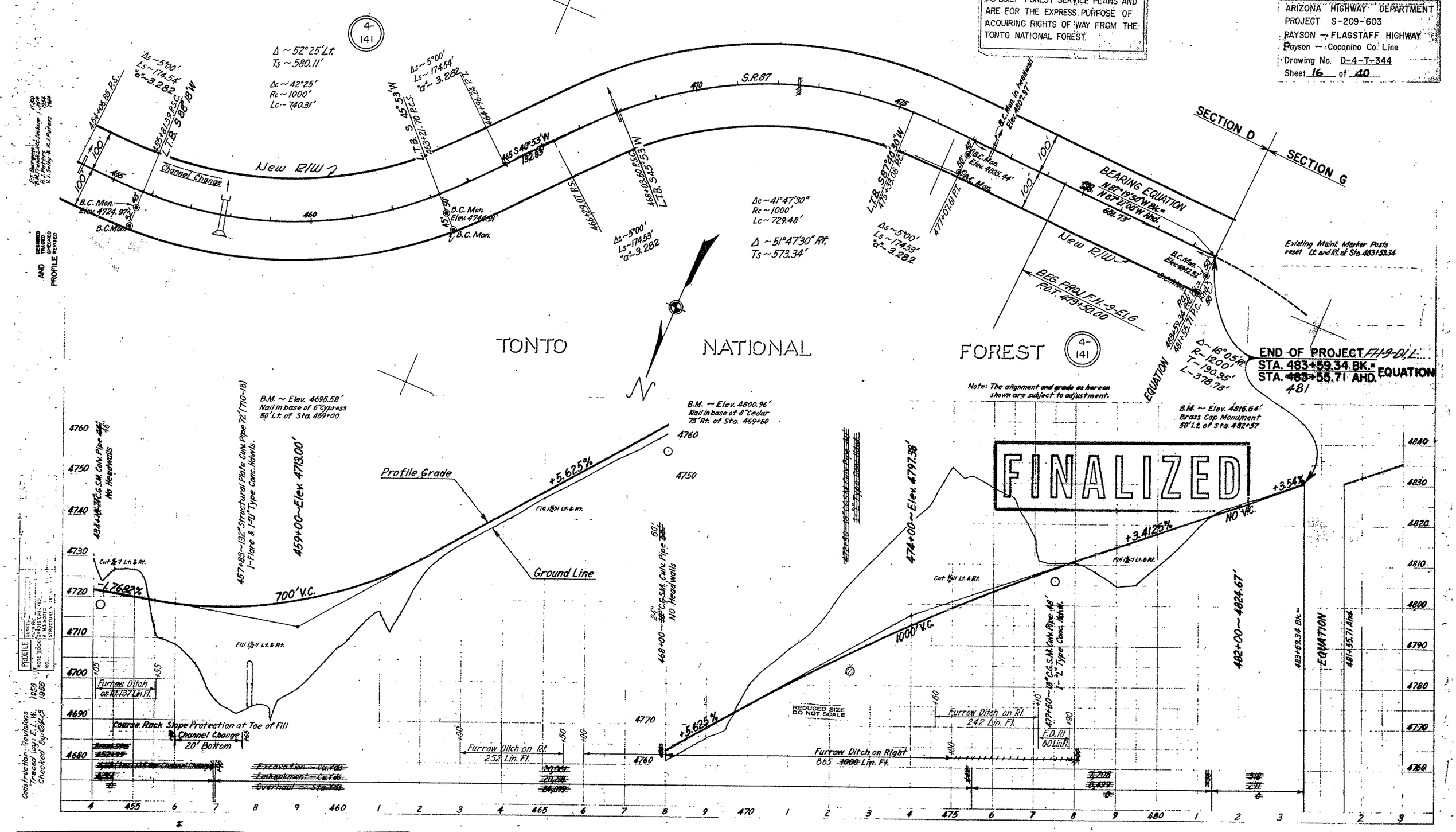
NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 - R.L.R.

ARIZ. F.H. 9-D1, L
SHEET 9 OF 23

Construction Revisions Shown

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON — FLAGSTAFF HIGHWAY
Payson — Coconino Co. Line
Drawing No. D-4-T-344
Sheet 16 of 40



TONTO NATIONAL FOREST
T11N R9E G&SRB&M
Sec. 12

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 - R.L.R.

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

4-141

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 17 of 40

~~Δ 23°02'~~
~~Ts1 168.15~~
~~Ts2 186.25~~
~~Δc 12°34'~~
~~Rc 600~~
~~Lc 13.60~~
~~Δs1 49°13'~~
~~Ls1 88.27~~
~~a 10.818~~
~~Δs2 6°15'~~
~~Ls2 130.90~~
~~a 7.295~~

SEC. D — SEC. G

BEARING EQUATION
N 87°19'30"W Bk.
N 87°21'00"W Ahd.

B.C. Mon. Elev. 4816.64'
B.C. Mon. Elev. 4843.00'
B.M.
New R/W
N69°16'W 266.32'
488+00.76 P.C.
S.R. 87
Δ 32°54' Lt.
R 1200
T 354.32
L 689.06
491+89.82 P.T.
B.C. Mon. Elev. 4852.30'
B.C. Mon. Elev. 4873.67'
B.C. Mon. Elev. 4898.46'
B.C. Mon. Elev. 4890.92'
S77°50'W 451.62'
S86°14'W 1284.45'
504+31.2
505
500
495
490
485
480
651.73'
485+54.44 P.T.
499+21.44 P.C.
503+61.26 P.T.
Δ 8°24' Rt.
R 3000
T 220.31
L 439.82
Δ = 18° 05' Rt.
R = 1200'
T = 190.95'
L = 378.73'
STA. EQUA. RC 483+59.34 BC
RC 481+35.11 Ahd.
100'
N

Click here for SR 87 Index

BEGINNING OF PROJECT
F.H.-9-E,G at 479+50.00

FINALIZED

NOTE: The alignment and grade as hereon shown are subject to adjustment.

BM#26-Elev. 4851.87
Nail in 36" Cedar 40' Lt. 483+50

GRADE SHOWN IS PROFILE GRADE

BM#27R-Elev. 4850.56
Nail in 14" Cedar 50' Lt. 493+90

4910
4900
4890
4880
4870
4860
4850
4840
4830
4820

+2.53%
600' V.C.
+4.500%
+0.450%
+5.540%
500' V.C.
500' V.C.
482+64 – 24" C.M.P. 54' (C.R.M. Headwall – L-Type) (Culvert Marker)
485+00 – Elev. 4842.50
488+50 – 24" C.M.P. 72' (C.R.M. Headwall – Str.-Type) (Culvert Marker)
490+00 – Elev. 4844.75
494+50 – 24" C.M.P. 42' (C.R.M. Headwall – L-Type) (Culvert Marker)
497+00 – 30" C.M.P. 38' (C.R.M. Headwall – L-Type) (Culvert Marker)
502+50 – Elev. 4901.00
505+59 – 36" C.M.P. 101' (C.R.M. Headwall – Straight Type) (Culvert Marker)
476+00 – Elev. 4877.95
EQUATION 478+54.21 = 478+60.84
Furrow Ditch Right ~~165~~ Lin. Ft. 150
Furrow Ditch Right ~~400~~ Lin. Ft. 1050
Furrow Ditch Right 1021 Linear Feet
Furrow Ditch Rt. To Sta. 512+10
REDUCED SIZE DO NOT SCALE
PROJECT 9-D

Note: Quantities shown below do not include borrow and haul required for selected subgrade material.

Excavation – Cu. Yds.	~~4595~~	~~528~~	~~8933~~
Embankment – Cu. Yds.	~~4532~~	~~550~~	~~9130~~
Overhaul – Sta. Yds.	~~2012~~	0	~~18519~~
Borrow – Cu. Yds.	0	0	0
Sta. O.H. of Borrow – Cu. Yd. Mi.	0	0	0

6 7 8 9 480 2 3 4 5 6 7 8 9 490 2 3 4 5 6 7 8 9 500 2 3 4 5 6 501

PLAN & PROFILE
BUILT BY: R.K. PETERSON & SONS, INC. 1971
REPORTED: R.L.R. 1972
PLANS DRAWN: F.A. ROCHA 1972
PLANS CHECKED: F.A. ROCHA 1972
F.A. DOMELL 1972
CONST. REV. A.C. GARRISON SEPT. 1973

PROFILE
SURVEYED
PLOTTED
NOTE BOOK GRADES CHECKED
B.M. NOTES
NO. SIGNATURE NOTATIONS CH. NO.

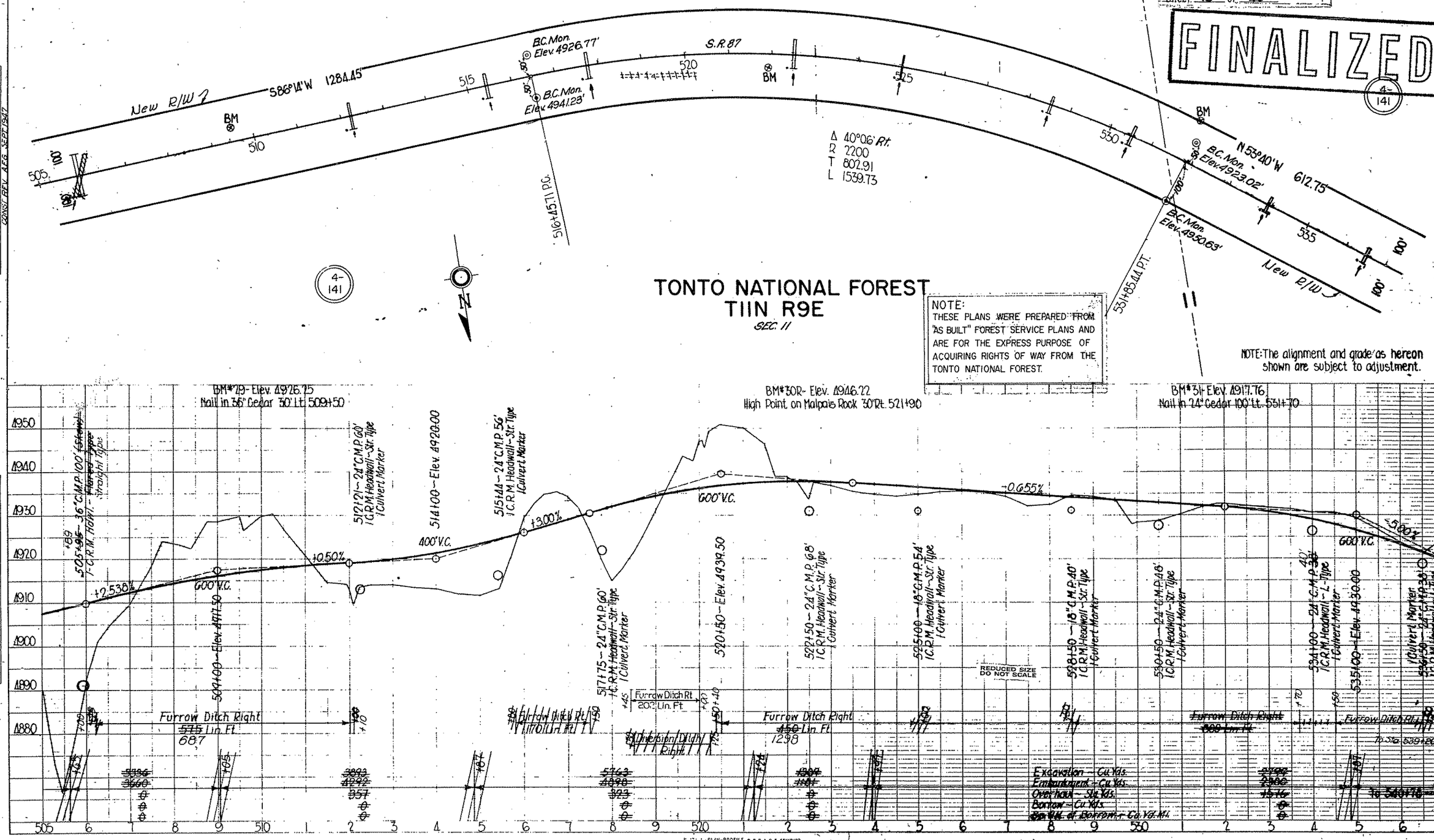
Click here for SR 87 Index

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 R.L.R.

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 18 of 40

FINALIZED

4-141



NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

NOTE: The alignment and grade as hereon shown are subject to adjustment.

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, NOTE BOOK NO.
CONST. REV. A.C.G. SEPT. 1947

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTAT. INS. CHKD., NOTES BOOK NO.

PLATE 1 - PLAN-PROFILE © P.R.R. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

Click here for SR 87 Index

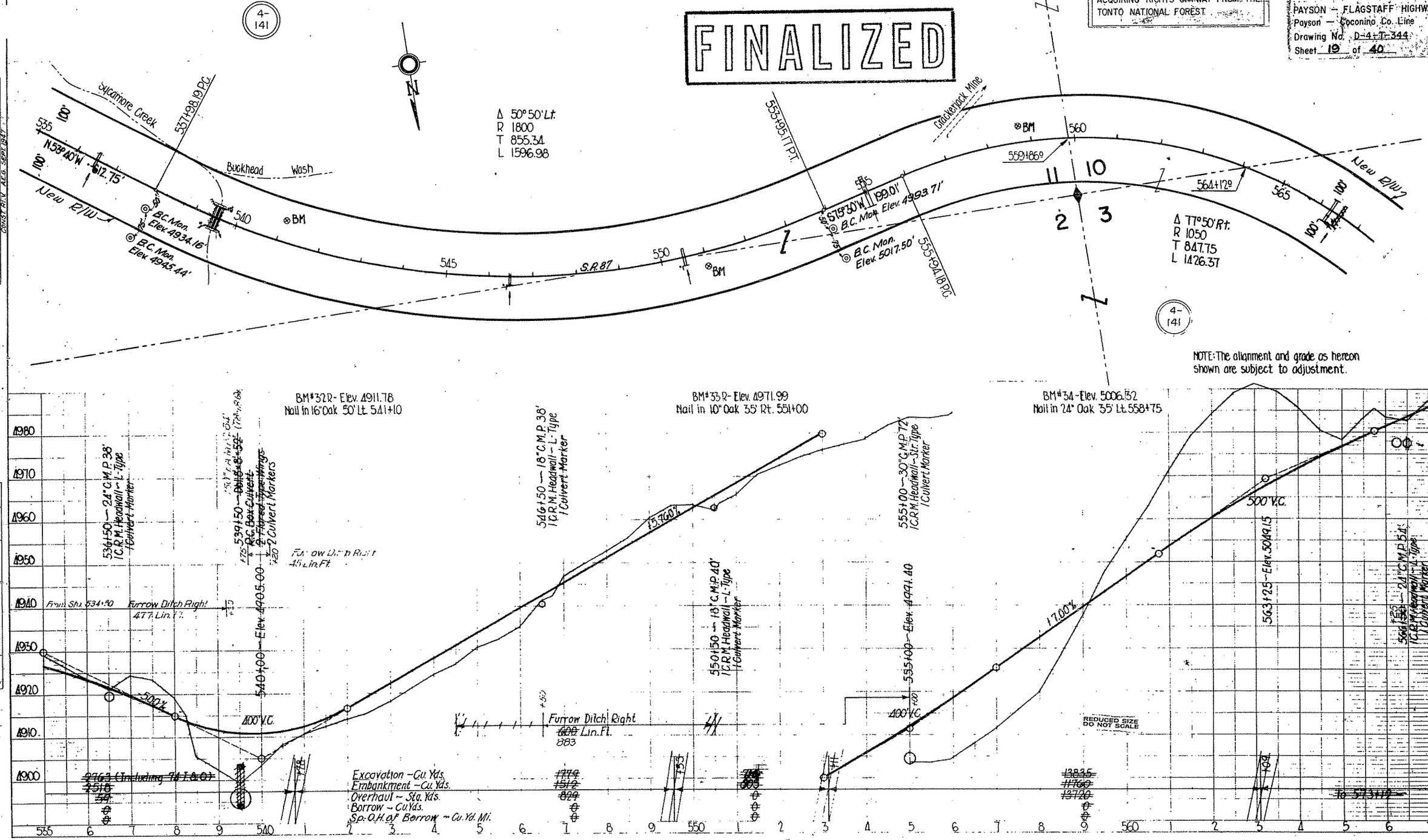
Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79-RLR

TONTO NATIONAL FOREST
T11N R9E

FINALIZED

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

[redacted]
ARIZONA HIGHWAY DEPT.
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 19 of 40



Click here for SR 87 Index

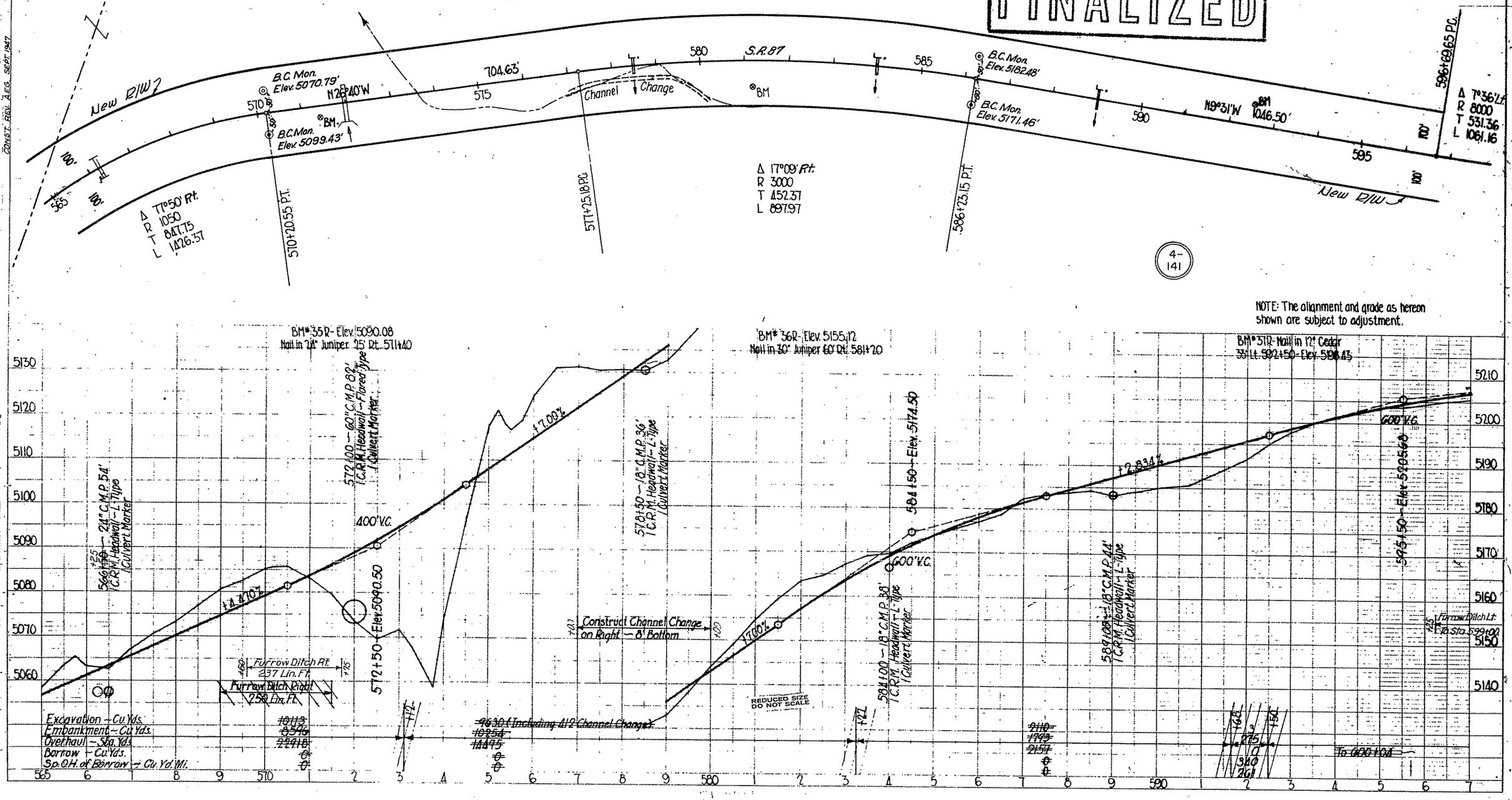
TONTO NATIONAL FOREST
T11N R9E
SEC. 3

NOTE: THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486 11-1-79 R.L.R.

FINALIZED

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 20 of 40



NOTE: The alignment and grade as hereon shown are subject to adjustment.

Click here for SR 87 Index

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 - R.L.R.

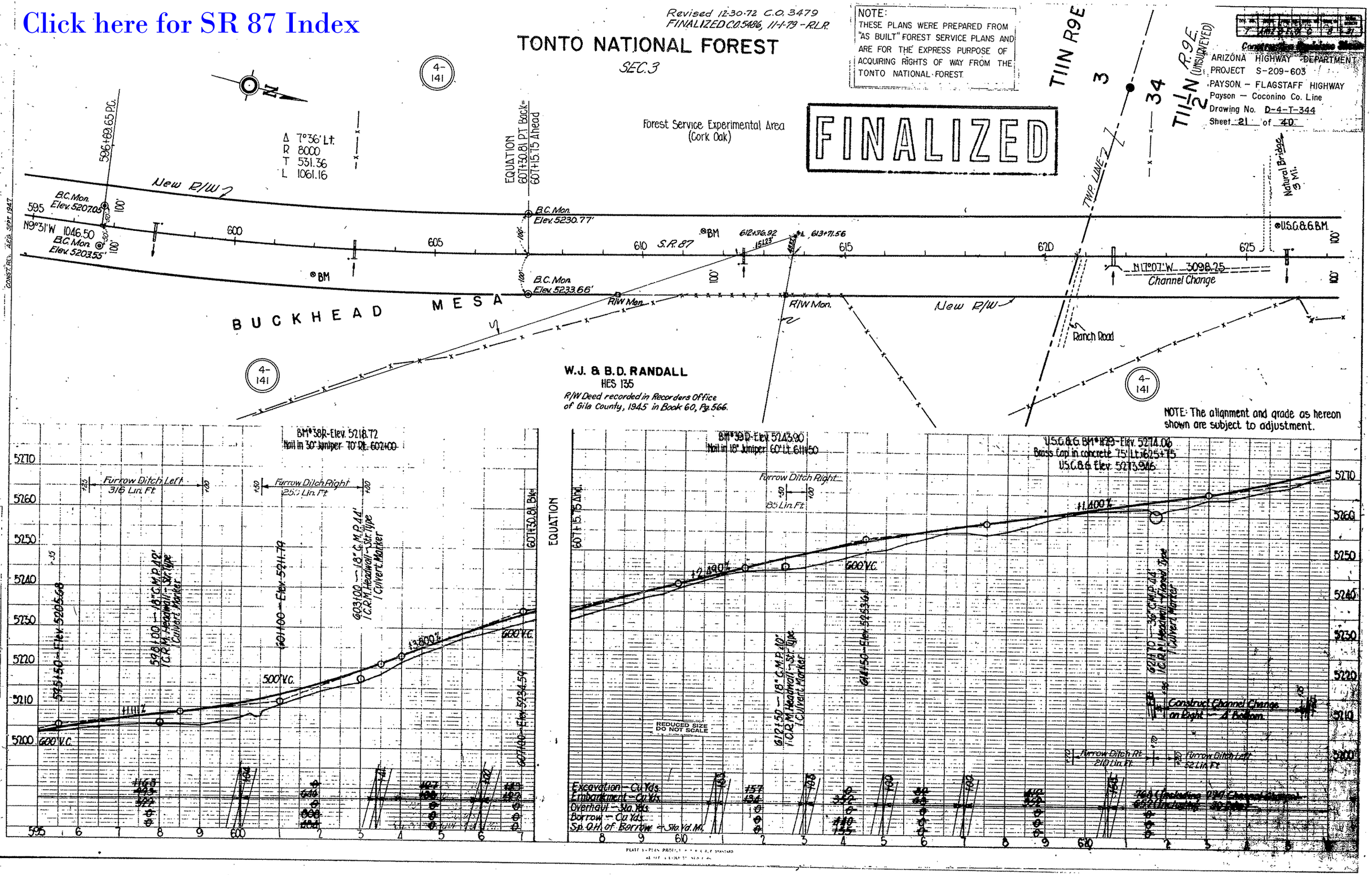
TONTO NATIONAL FOREST

SEC. 3

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST

FINALIZED

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON - FLAGSTAFF HIGHWAY
Payson — Coconino Co. Line
Drawing No. D-4-T-344
Sheet 21 of 40



Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486 11-1-79 - R.L.R.

TONTO NATIONAL FOREST

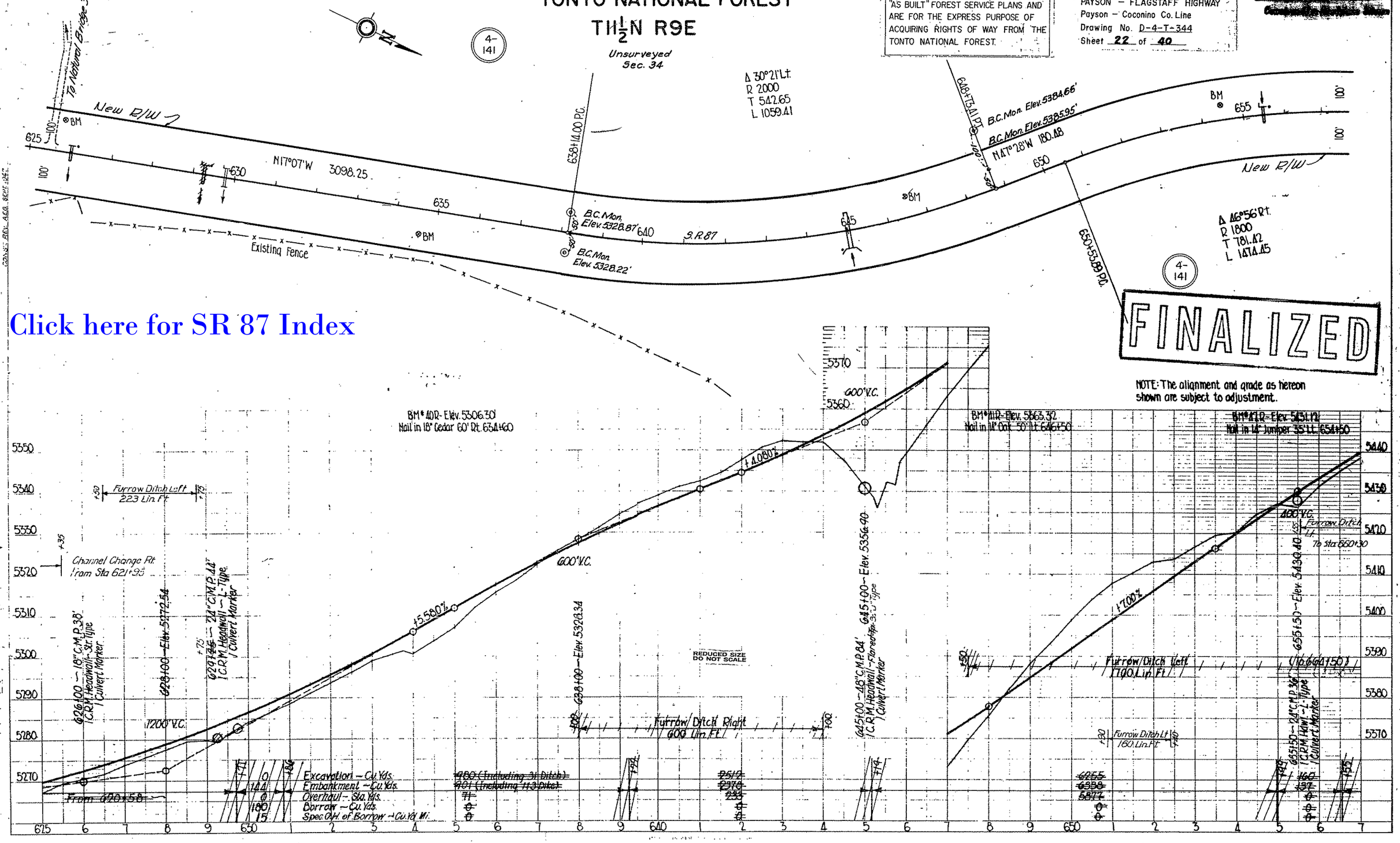
T11½N R9E

Unsurveyed
Sec. 34

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

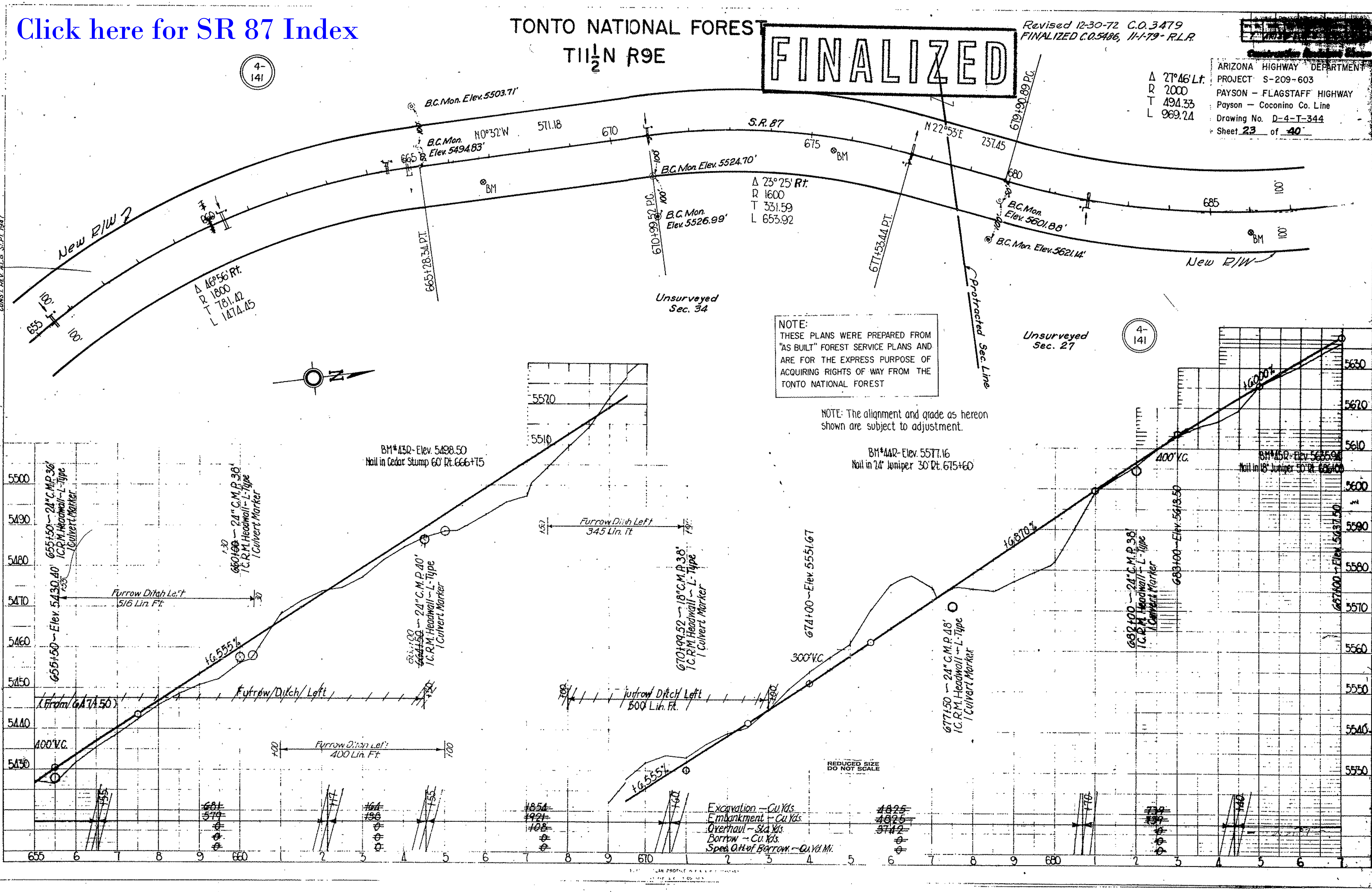
ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 22 of 40

[redacted]



Click here for SR 87 Index

Click here for SR 87 Index



Click here for SR 87 Index

TONTO NATIONAL FOREST

T11½N R9E

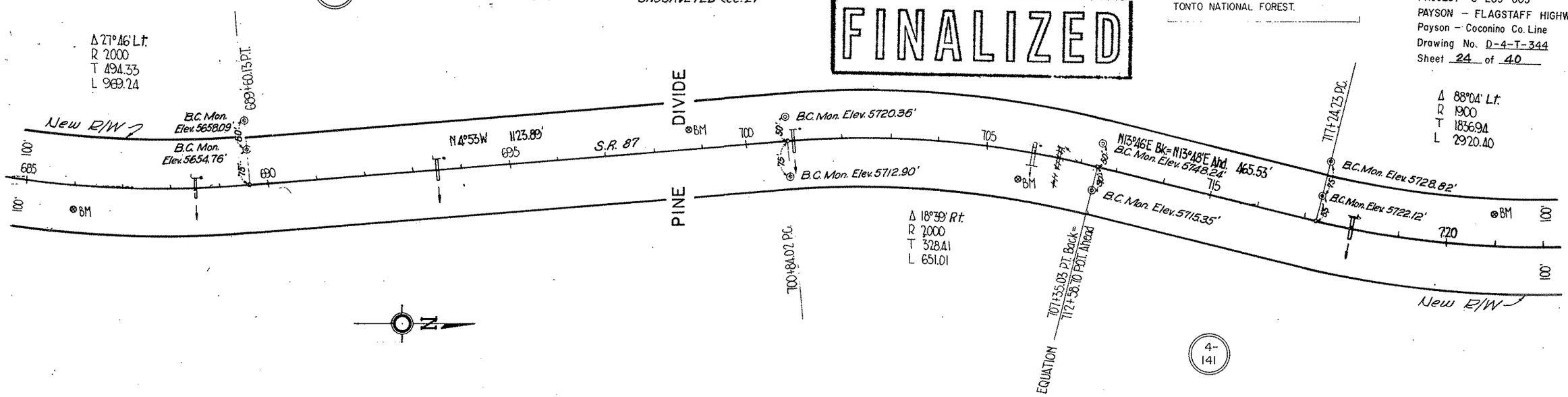
UNSURVEYED Sec. 27

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79-R.L.R.

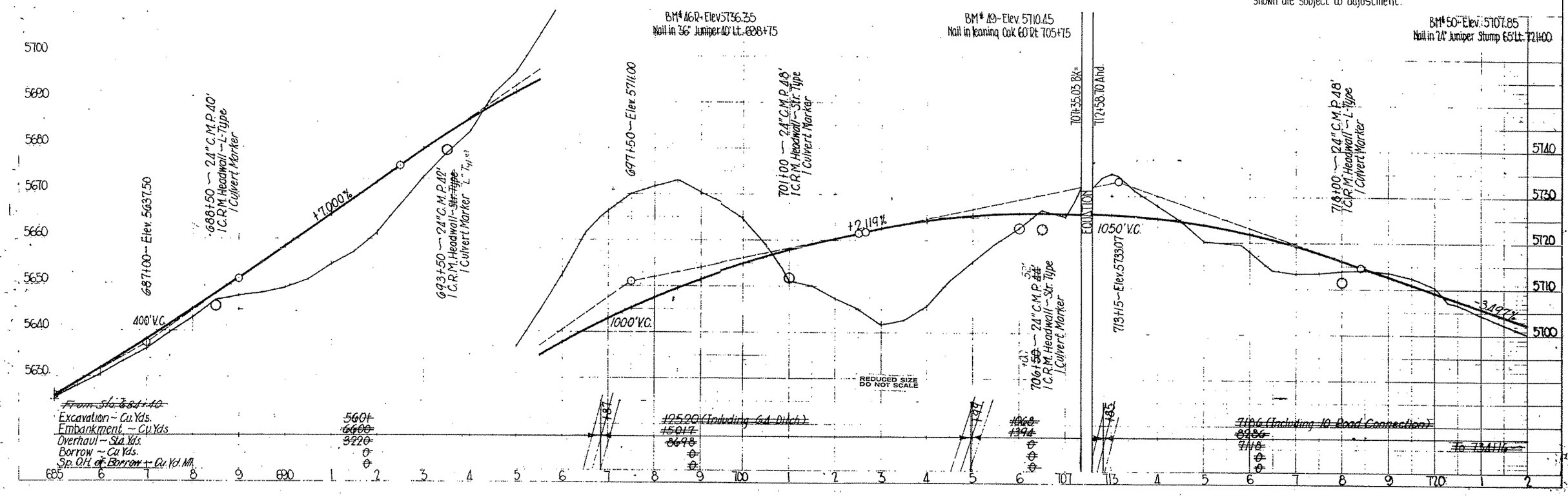
FINALIZED

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

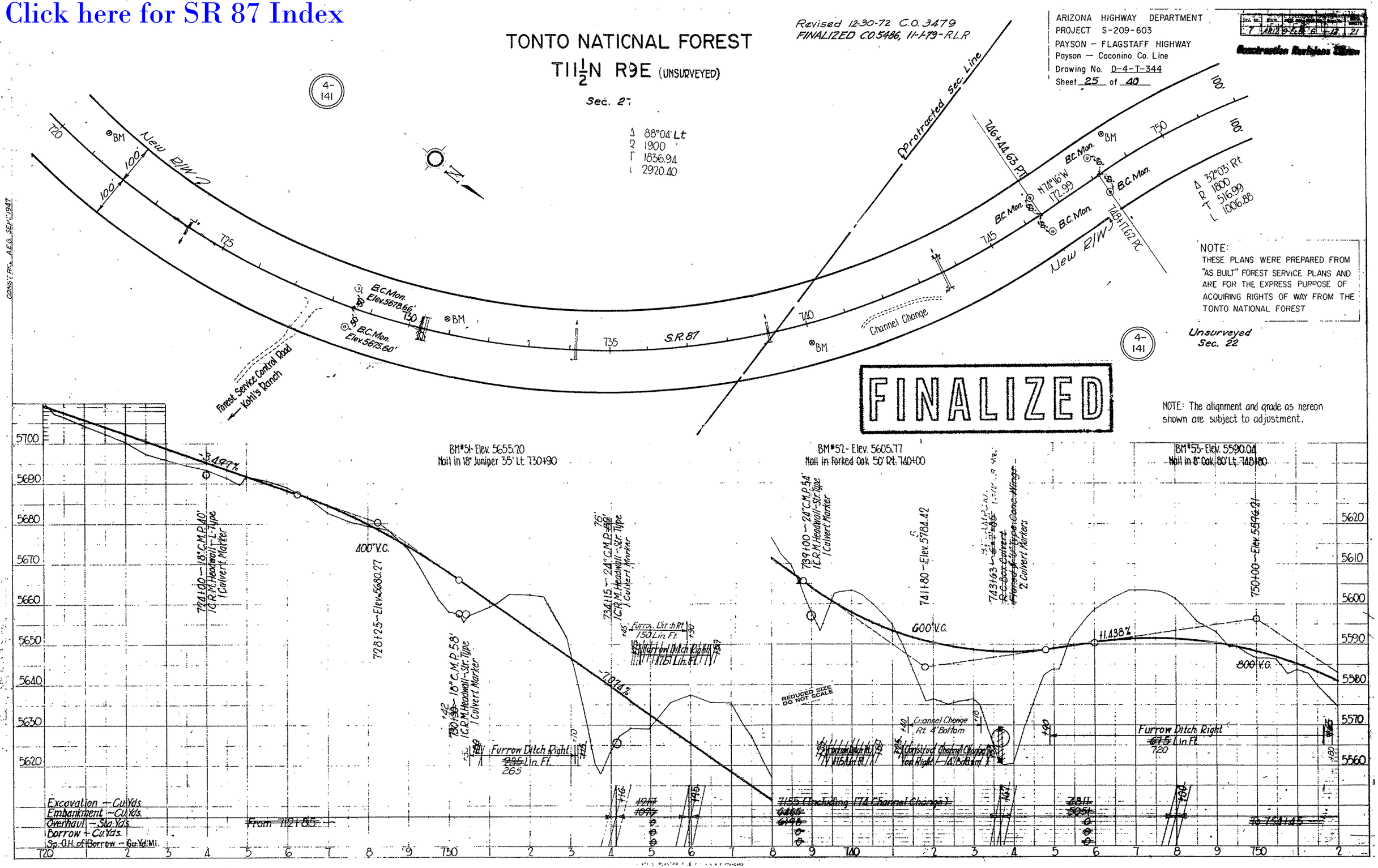
ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 24 of 40



NOTE: The alignment and grade as hereon shown are subject to adjustment.



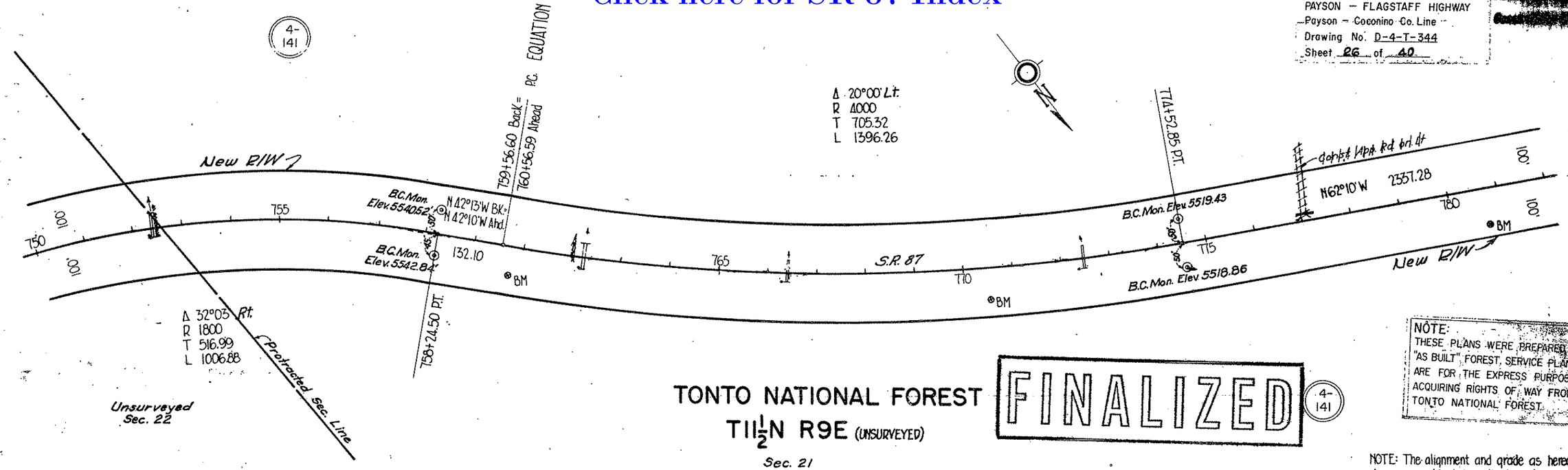
Click here for SR 87 Index



Click here for SR 87 Index

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 R.L.R.

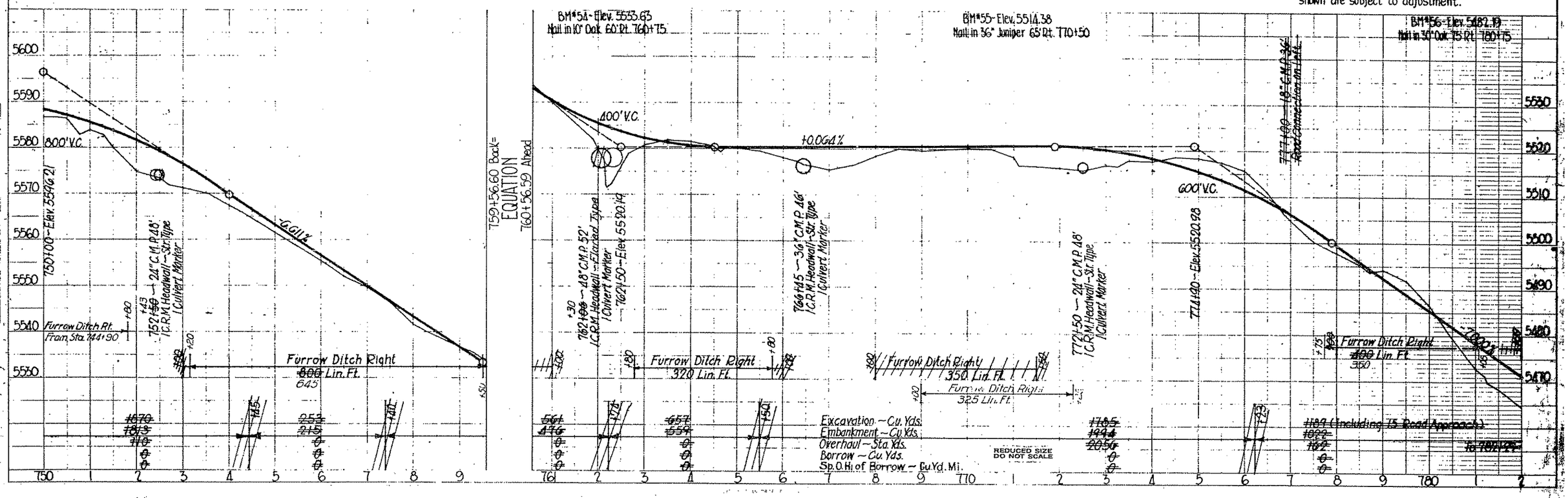
ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 26 of 40



TONTO NATIONAL FOREST
T11½N R9E (UNSURVEYED)
Sec. 21

NOTE: THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

NOTE: The alignment and grade as hereon shown are subject to adjustment.



Click here for SR 87 Index

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 - R.L.R.

TONTO NATIONAL FOREST

T11½N R9E (UNSURVEYED)

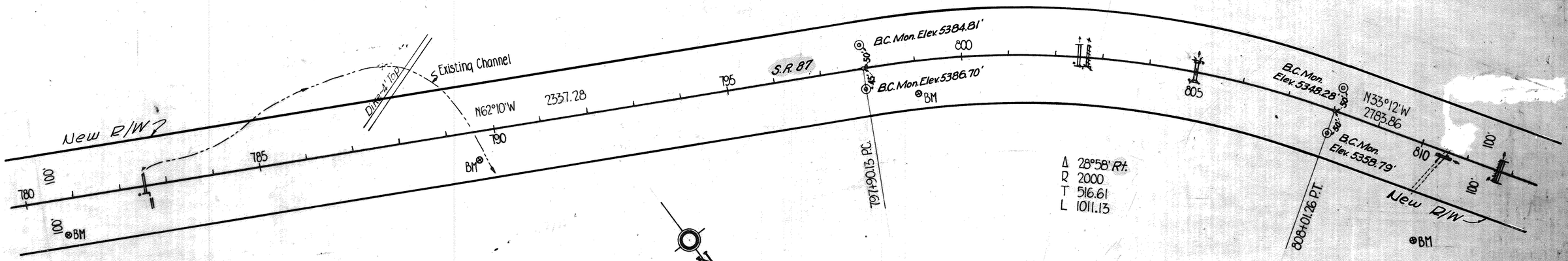
Sec. 21

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 27 of 40

Construction Revisions Shown

4-141



4-141

NOTE: The alignment and grade as hereon shown are subject to adjustment.

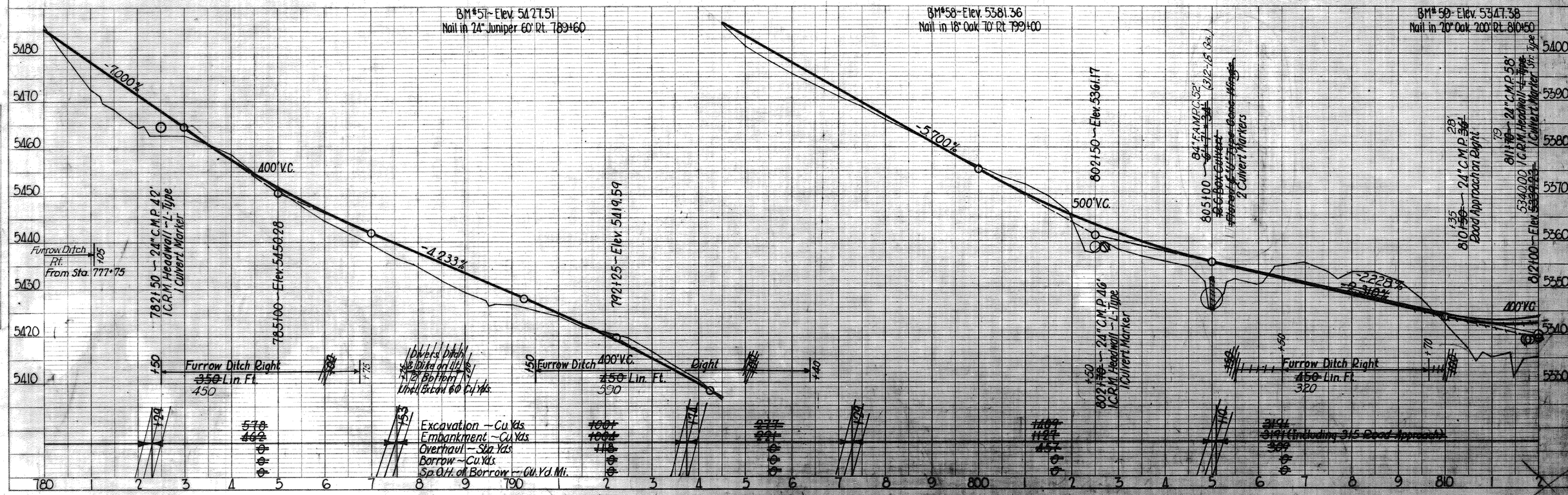


PLATE I – PLAN-PROFILE C. R. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, NOTE BOOK NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, VERT. CURVES, STRUCTURE NOTATNS CH'KD., NOTE BOOK NO., BY, DATE

CONST. REV. A.E.G. SEPT. 1947

Click here for SR 87 Index

TONTO NATIONAL FOREST

T11½N R9E (UNSURVEYED)

Revised 12-30-72 C.O. 3479
Revised 5-29-74 C.O. 3905
FINALIZED C.O.5486, 11-1-79-R.L.R.
REVISED 7-23-82 C.O. 6019 L.B.

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON — FLAGSTAFF HIGHWAY
Payson — Coconino Co. Line
Drawing No. D-4-T-344
Sheet 28 of 40

Denotes Area Abandoned to Underlying Fee Owners
Resolution No. 82-02-A-07
Rec. 5-5-82 Dkt. 563 Pgs. 32-37

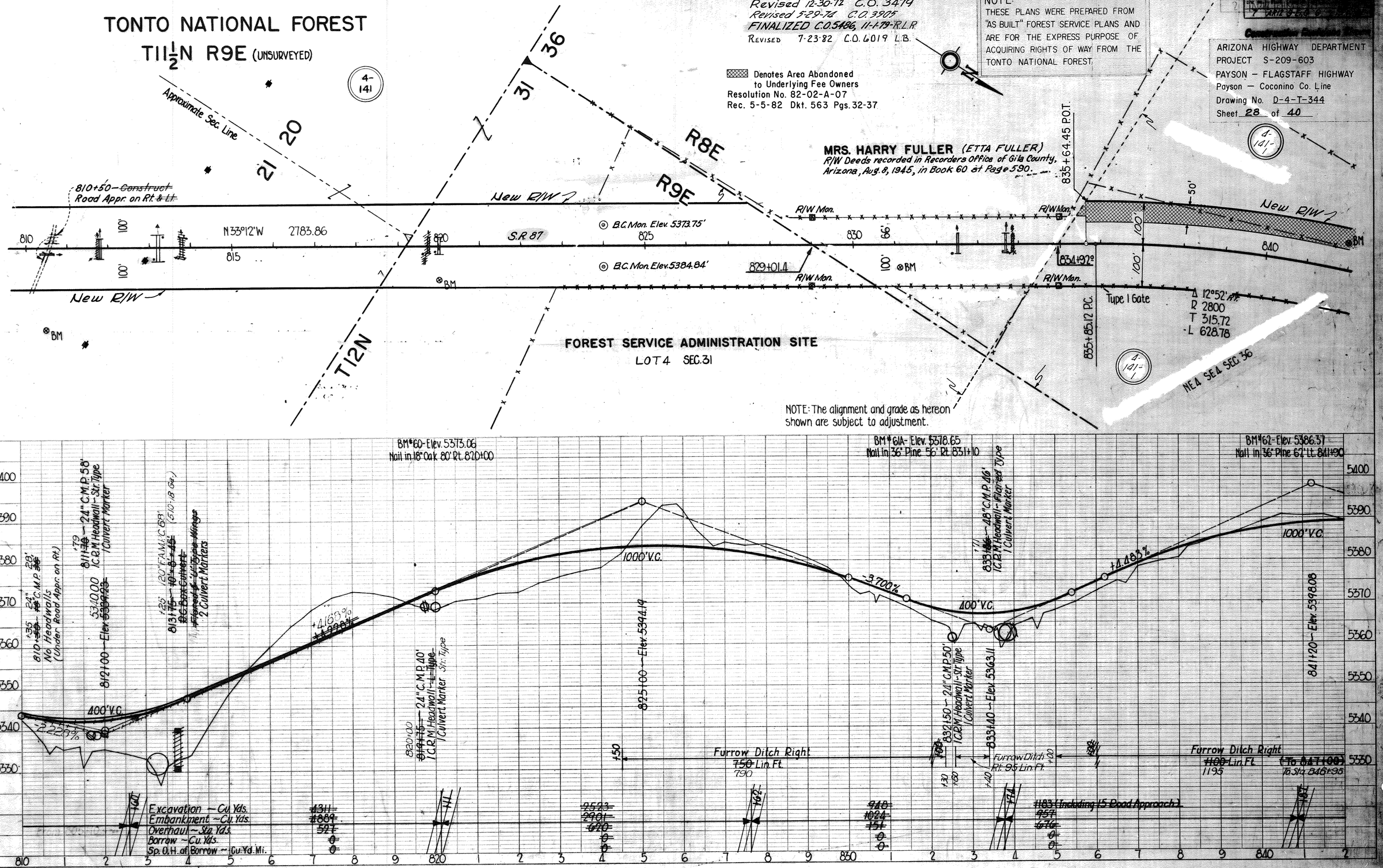


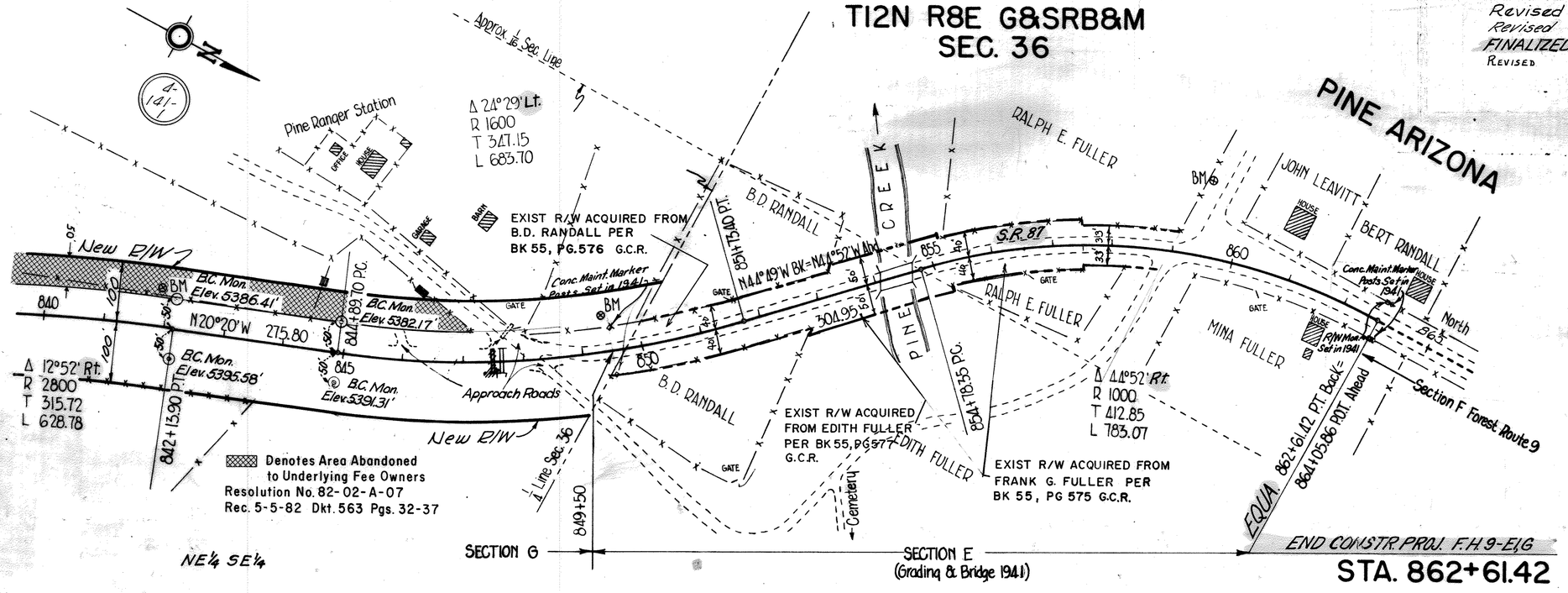
PLATE 1—PLAN-PROFILE O. P. R. & R. C. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

T12N R8E G&SRB&M
SEC. 36

Revised 12-30-72 C.O. 3479
Revised 5-29-74 C.O. 3905
FINALIZED C.O. 5486, 11-1-79-R.L.R.
REVISED 7-23-82 C.O. 6019 L.B.

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 29 of 40

NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.



Click here for SR 87 Index

NOTE: The alignment and grade as hereon shown are subject to adjustment.

U.S.C.&G. BM# L-29 – Elev. 5369.12
Brass Cap in Concrete 125' Lt. 859+46
U.S.C.&G. Elev. 5369.028

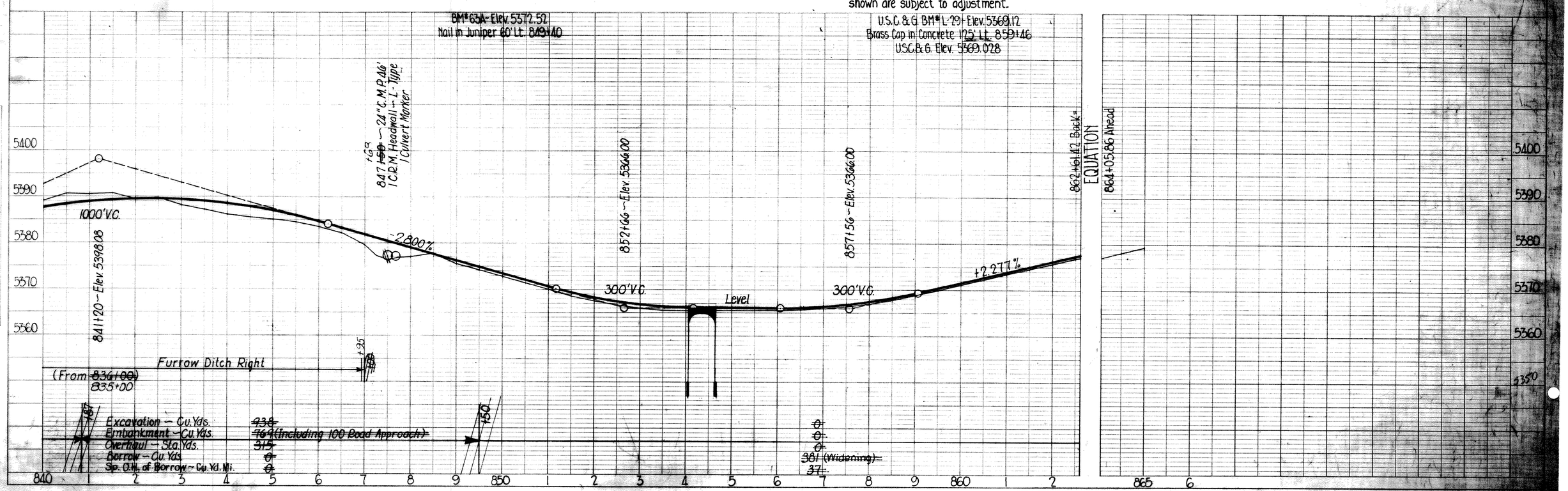
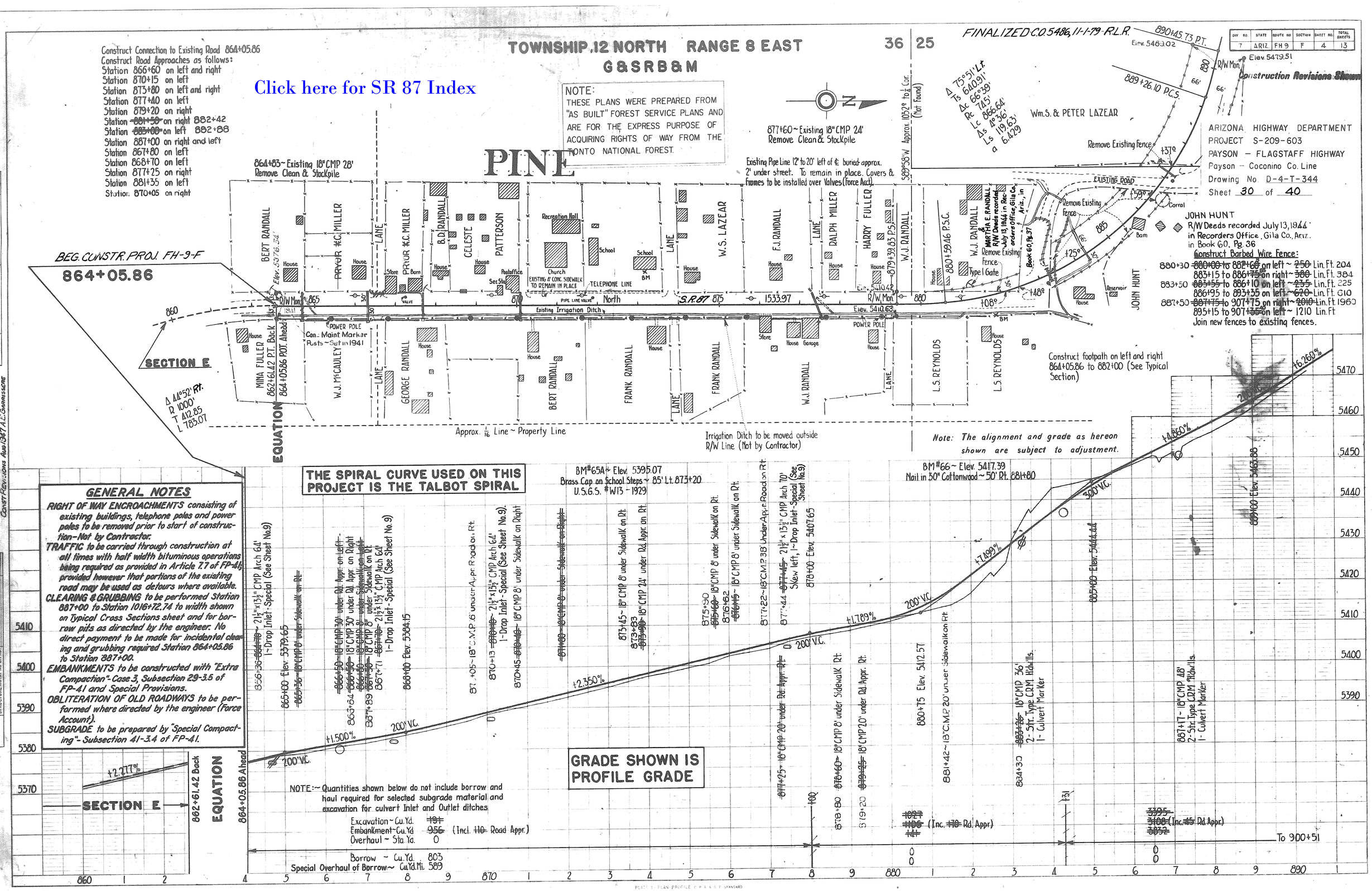


PLATE 1 – PLAN-PROFILE O.P.R. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.



GENERAL NOTES

RIGHT OF WAY ENCROACHMENTS consisting of existing buildings, telephone poles and power poles to be removed prior to start of construction-Not by Contractor.

TRAFFIC to be carried through construction at all times with half width bituminous operations being required as provided in Article 7.7 of FP-41; provided however that portions of the existing road may be used as detours where available.

CLEARING & GRUBBING to be performed Station 887+00 to Station 1016+72.74 to width shown on Typical Cross Sections sheet and for borrow pits as directed by the engineer. No direct payment to be made for incidental clearing and grubbing required Station 864+05.86 to Station 887+00.

EMBANKMENTS to be constructed with "Extra Compaction"- Case 3, Subsection 29-3.5 of FP-41 and Special Provisions.

OBLITERATION OF OLD ROADWAYS to be performed where directed by the engineer (Force Account).

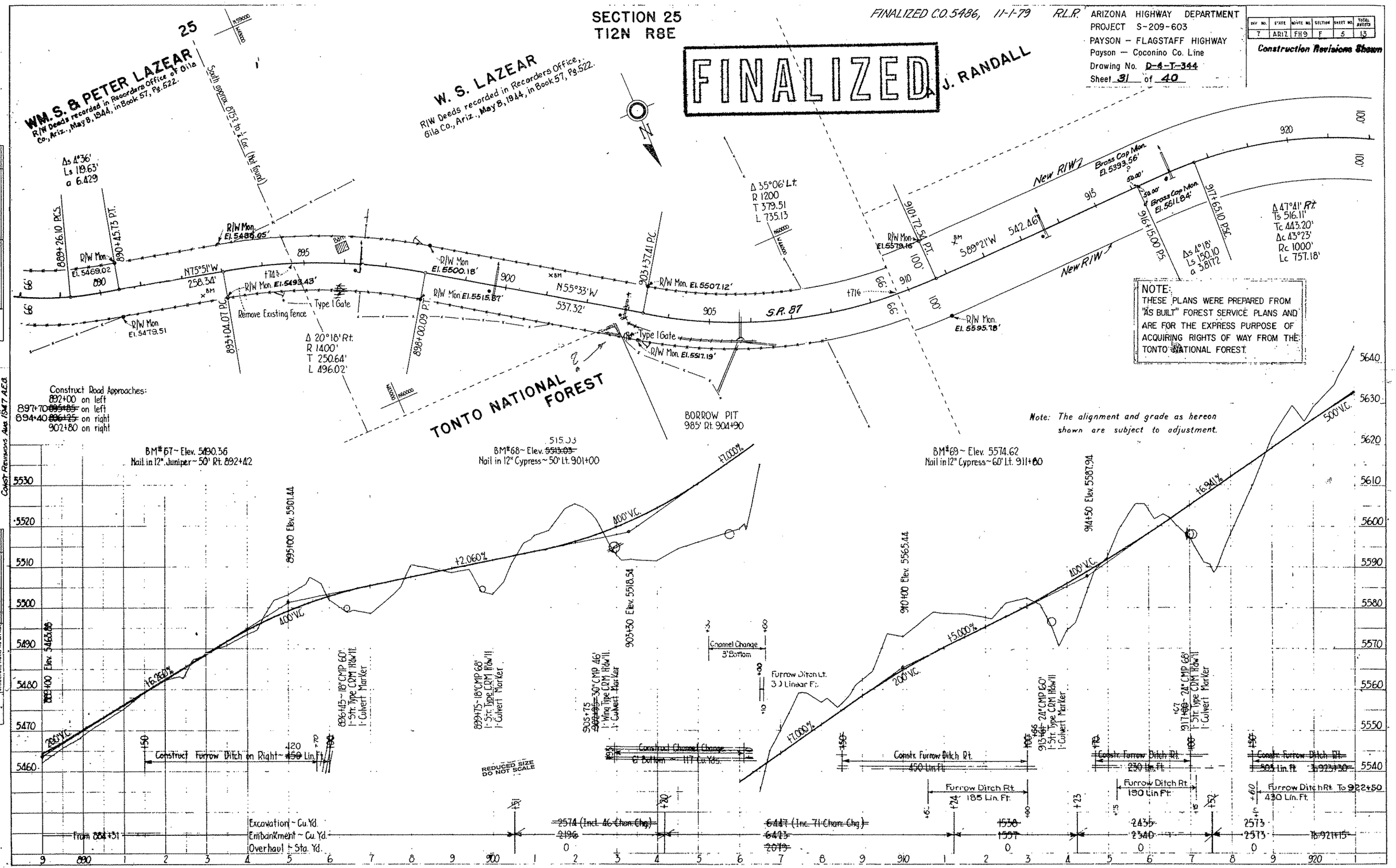
SUBGRADE to be prepared by "Special Compacting"- Subsection 41-3.4 of FP-41.

DIV. NO.	STATE	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
7	ARIZ.	FH 9	F	4	13

PLAN & PROFILE — SURVEYED, DESIGNED, PLANS CHECKED, B.M.S. NOTED, STRUCTURE NOTAT'NS CH'KD.

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M.S. NOTED, STRUCTURE NOTAT'NS CH'KD.

CONST. REVISIONS AUG 1947 A.E. GARRISSERE



Click here for SR 87 Index

Revised 12-30-72 C.O. 3479
FINALIZED C.O. 5486, 11-1-79 R.L.R.

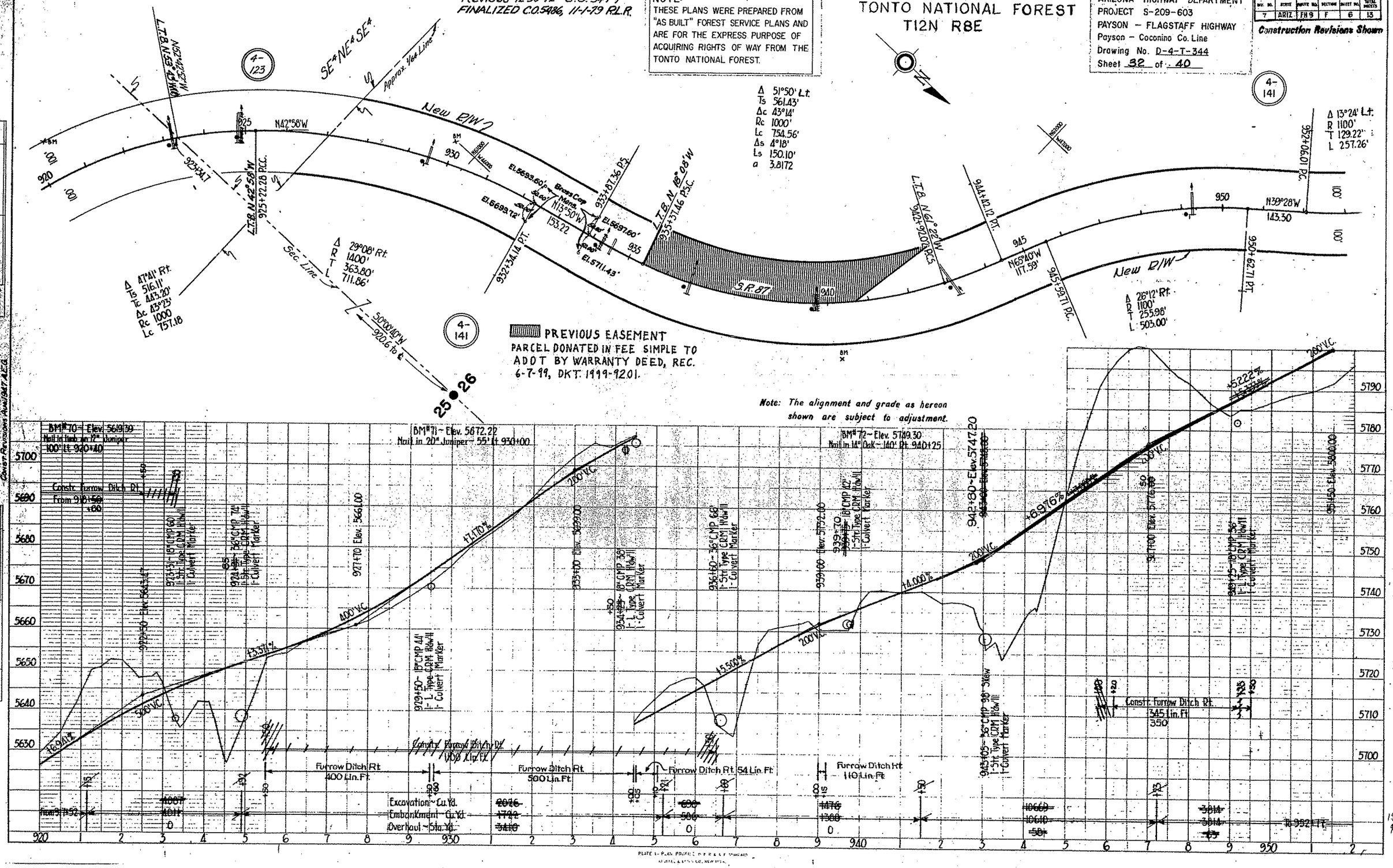
NOTE:
THESE PLANS WERE PREPARED FROM "AS BUILT" FOREST SERVICE PLANS AND ARE FOR THE EXPRESS PURPOSE OF ACQUIRING RIGHTS OF WAY FROM THE TONTO NATIONAL FOREST.

TONTO NATIONAL FOREST
T12N R8E

ARIZONA HIGHWAY DEPARTMENT
PROJECT S-209-603
PAYSON – FLAGSTAFF HIGHWAY
Payson – Coconino Co. Line
Drawing No. D-4-T-344
Sheet 32 of 40

REV. NO.	STATE	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
7	ARIZ.	FH 9	F	6	13

Construction Revisions Shown



Click here for SR 87 Index