



COLORADO
Department of
Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.



r500001059

Description:

ROW Plans 24X36

Route # and Mile Points:

SH 145

Originating Office:

ROW/Survey

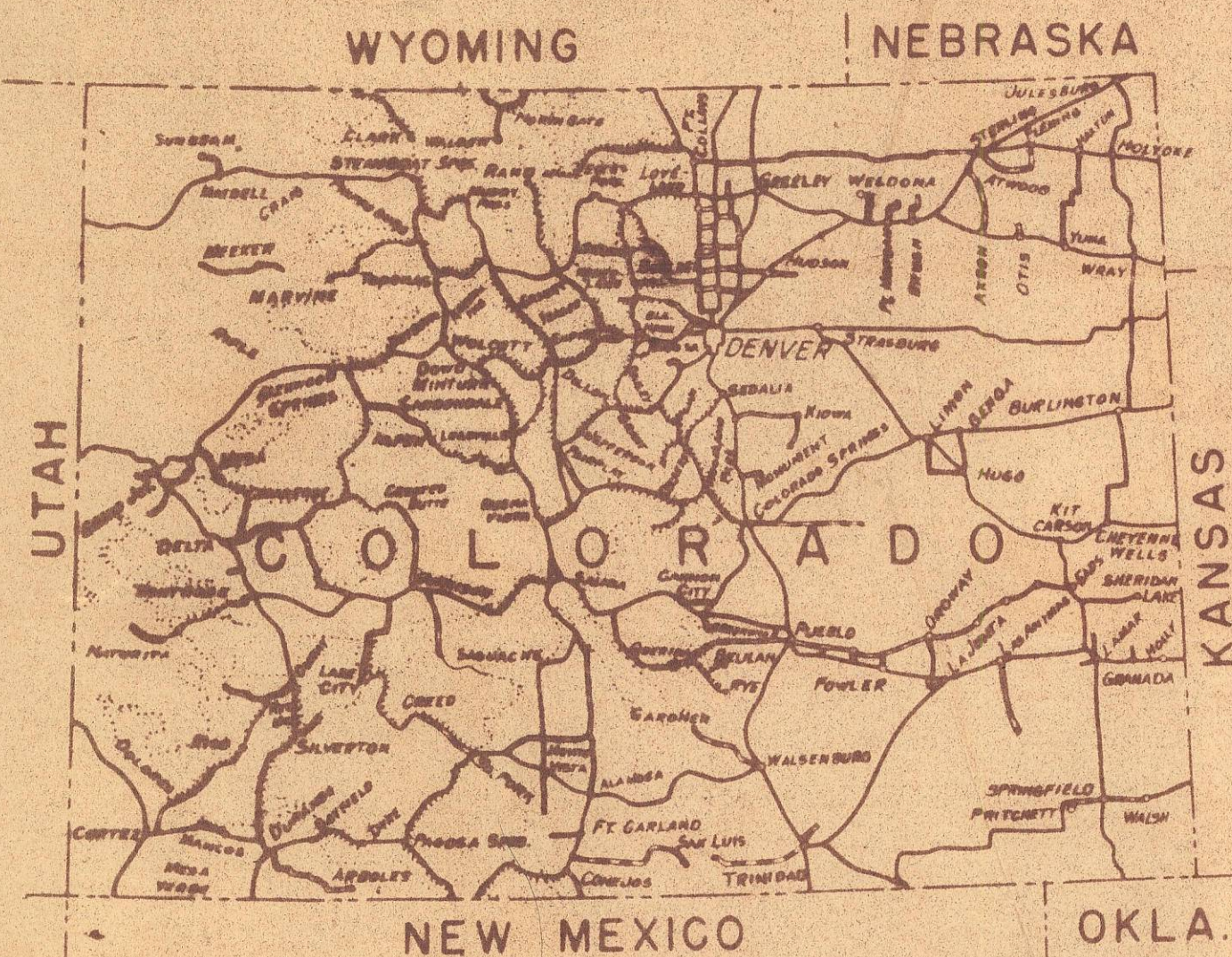
File Name:

1-2(4)_ROW(.PDF)

Box Location:

20 (TUBE-24)of 38

1264



U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

PLANS FOR PROPOSED
COLORADO FOREST HIGHWAY PROJECT 1-2(4)

DOLORES-RICO

LENGTH 3.131 MILES

CLASS 2

SAN JUAN & UNCOMPAHGRE
NATIONAL FORESTS

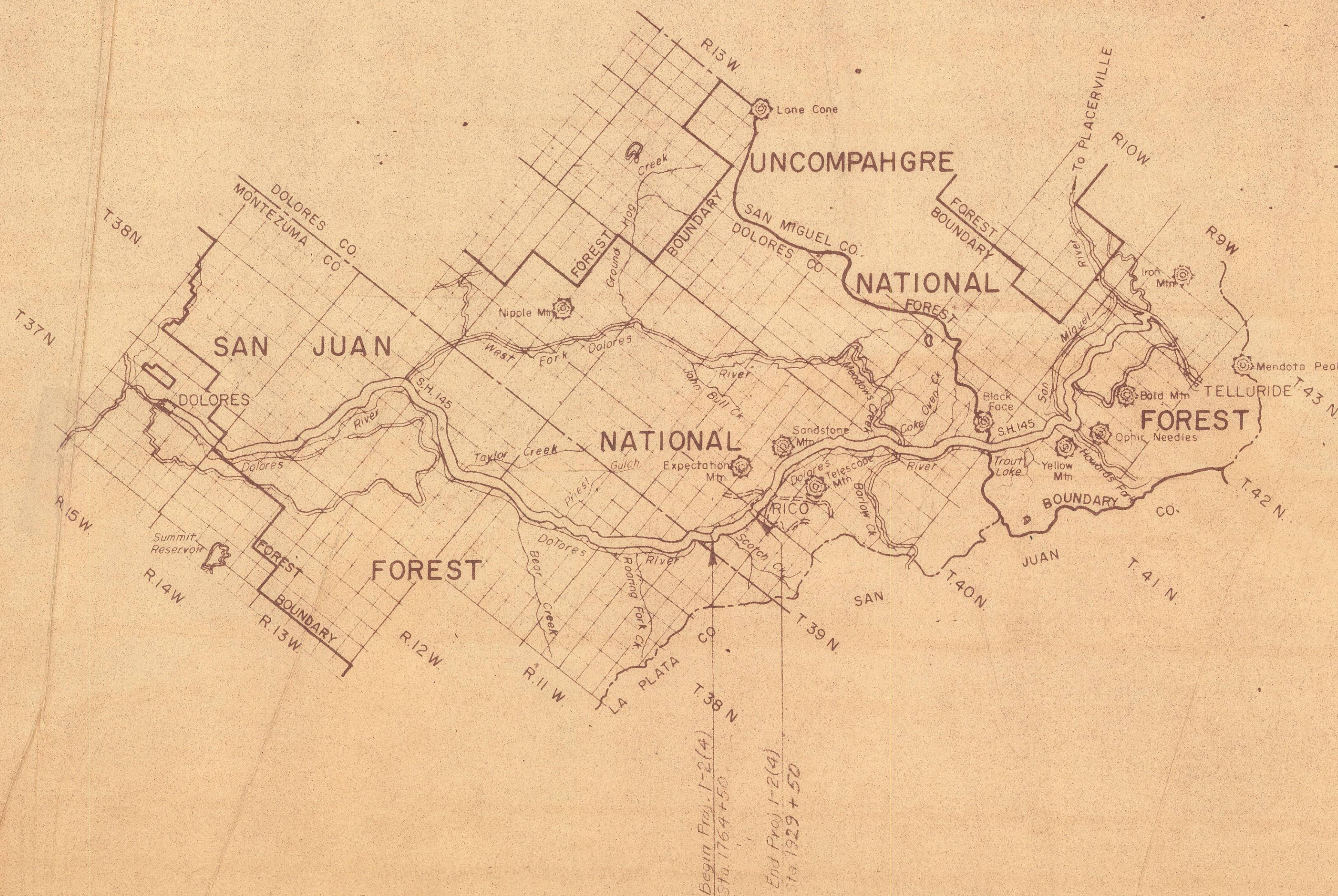
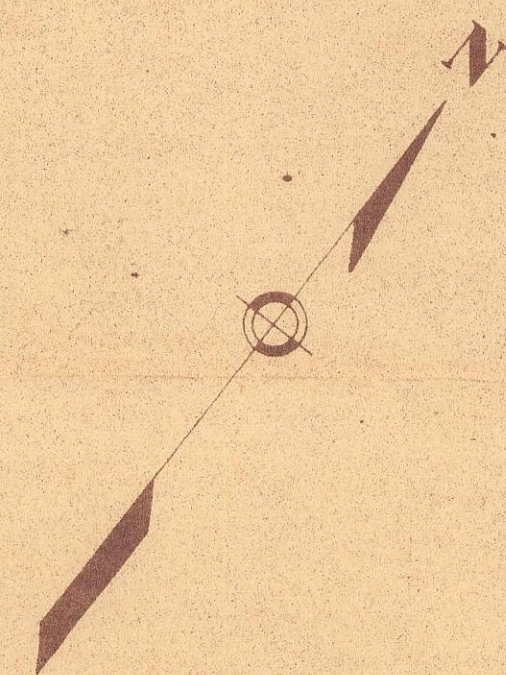
MONTEZUMA-DOLORES & SAN MIGUEL COUNTIES

RIGHT OF WAY

REGION 9 STATE COLORADO
PROJECT 1-2(4), Dolores-Rico CR-58-0145-05
SHEET 1 OF SHEETS

INDEX TO SHEETS

SHEET No	DESCRIPTION	STATION TO STATION
1	Title Sheet	
2	Typical Sections	
	Summary	

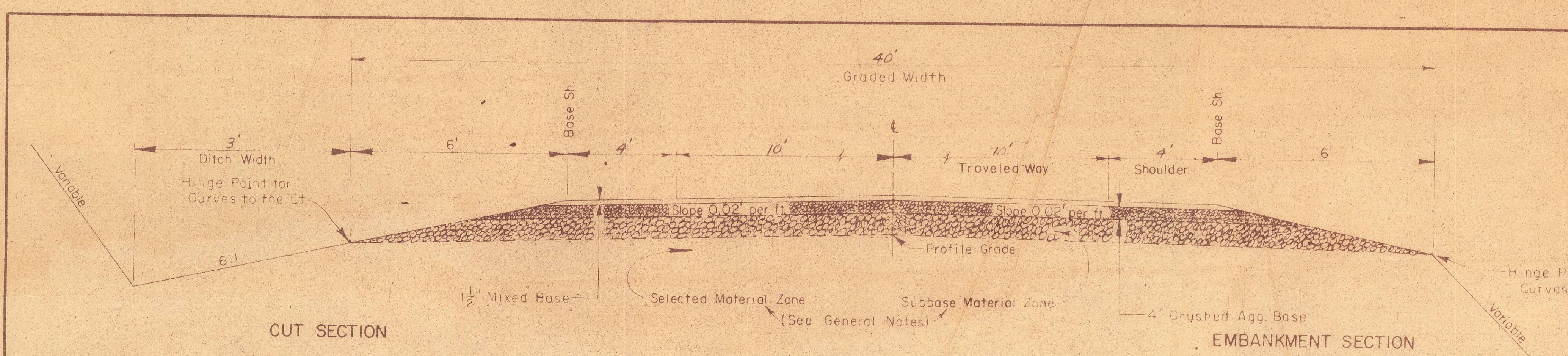


U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
REGION NO. 9 DENVER, COLORADO

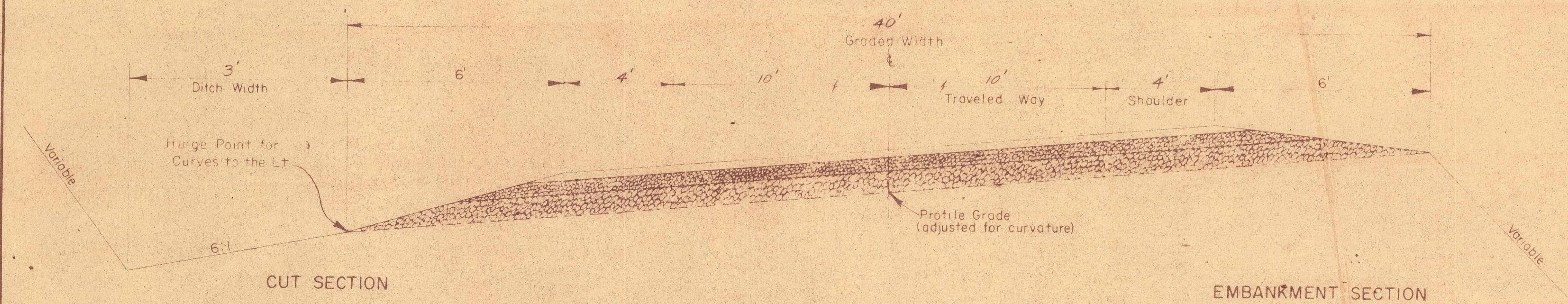
APPROVED: _____ DATE _____ 19____
REGIONAL ENGINEER

LEGEND

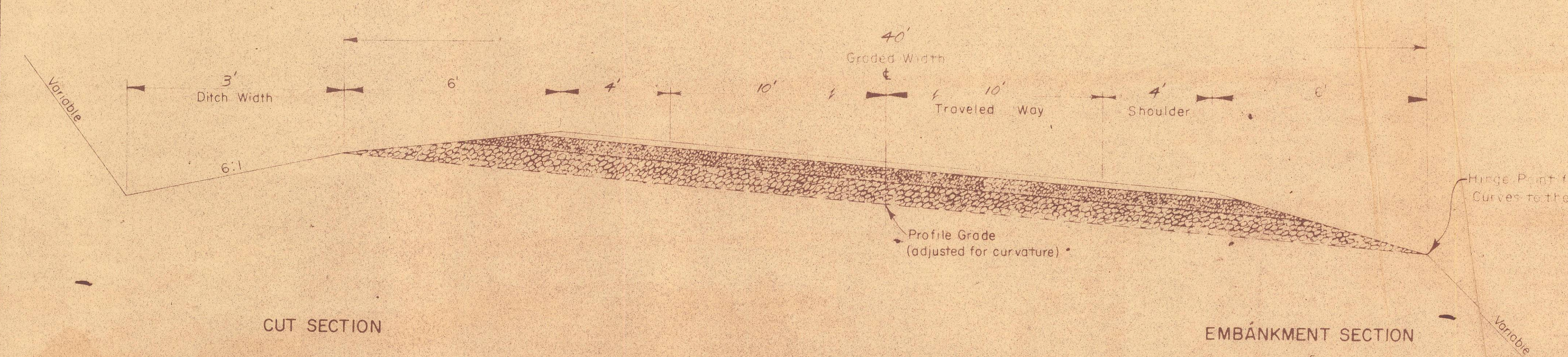
EXISTING ROAD	UNIMPROVED GRADED ROAD	REINFORCED SUBGRADE	BASE COURSE	SURFACE TREATMENT	HOOR PLANT MIX BITUM.	CONCRETE
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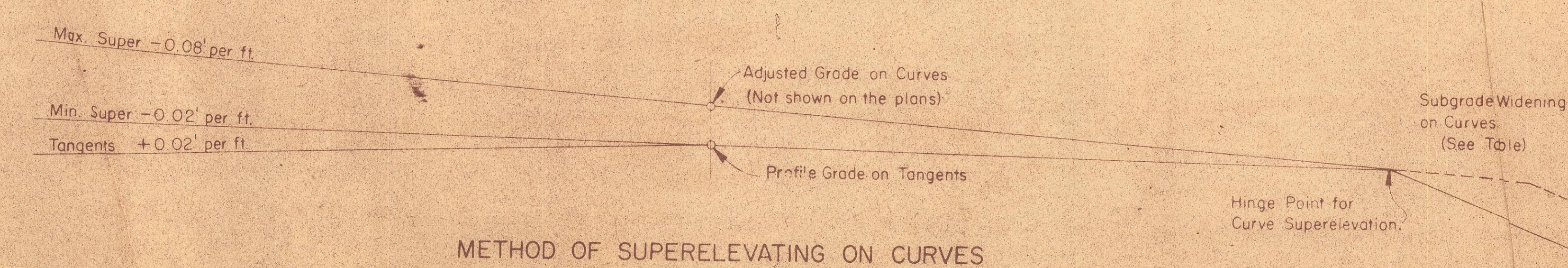
TYPICAL SECTION ON TANGENTS



TYPICAL SECTION FOR CURVES LT. (MAXIMUM SUPERELEVATION)



TYPICAL SECTION FOR CURVES RT. (MAXIMUM SUPERELEVATION)

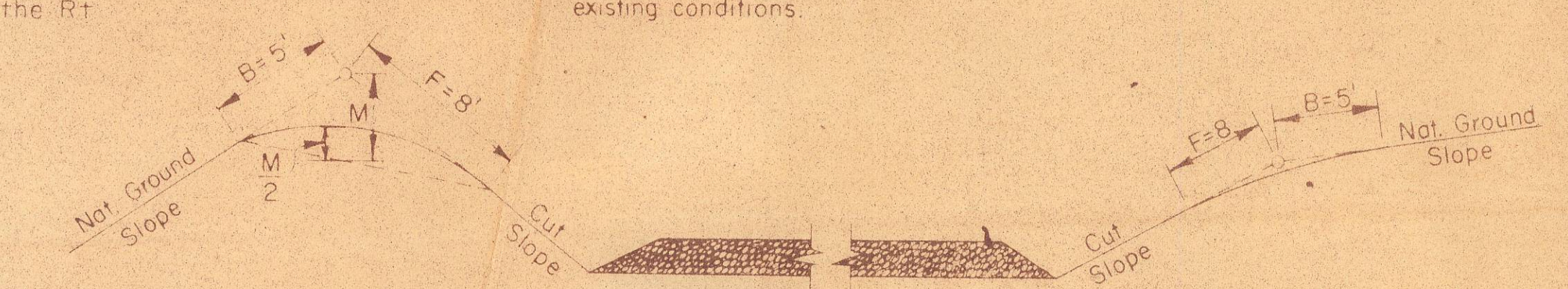


METHOD OF SUPERELEVATING ON CURVES

HEIGHT	EMBANKMENT SLOPE
0' to 3'	6:1
3' to 6'	4:1
6' to 12'	2:1
12' and up	2:1

HEIGHT	CUT SLOPE
0' to 5'	3:1
5' to 10'	2:1
10' and up	1 1/2:1

The above tables are to be used as a guide in the design and construction of the project. The designer or field engineer may vary from these to fit existing conditions.



CUT SLOPE ROUNDING

When the cut slope is less than 8', reduce B & F distance to the actual slope distance.

Slope Rounding shall be considered as a subsidiary part of the work required in dressing the cut slopes and no allowance will be made for materials moved.

Rounding, Warping, and Finishing slopes shall be as provided in Standard Specifications and/or Special Provisions.

STABILIZING MATERIALS

STATION TO STATION	Subbase Material Zone		Selected Material Zone	
	Item	Depth	Item	Depth
17+4.5 - 92+9.50	104(E)		104(12)	3"

GENERAL NOTES

The Typical Section and the table above show a "Selected Material Zone" and a "Subbase Material Zone". These terms are for defining locations and depths of materials only, and are not to be considered as pay items having similar names. The "Selected Material Zone" lies below the profile grade (adjusted for curvature where appropriate). The "Subbase Material Zone" lies above the profile grade and just below the base course zone.

Where the plans show special material to be placed in the "Selected Material Zone", the roadway excavations and embankments shall be constructed to the grade that will allow for the required thickness. The thicknesses of materials shown in the above table are based on laboratory analysis of samples taken at random along the proposed construction. During construction, the engineer will adjust the thicknesses as necessary to insure adequate structural stability, including the placing of Section 104 materials in the "Selected Material Zone", and the placing of Section 102 materials in the "Subbase Material Zone". Section 102 materials will not be placed on top of Section 104 materials.

On grades of 3% or less, where wet or unstable conditions exist, the engineer may increase the ditch width 3 feet or more.

Any subsurface data represented on these plans is limited to the specific locations shown and those locations alone.

CURVE WIDENING

Degree of Curve	Pavement Width
20' - 22' - 24'	
5° - 10°	2' - 2' - 2'
11° - 21°	3' - 2' - 2'
22° & Up	4' - 3' - 2'

*Widen Subgrade, Base and Surfacing.

U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
REGION NO. 9 DENVER, COLORADO

TYPICAL CROSS SECTIONS

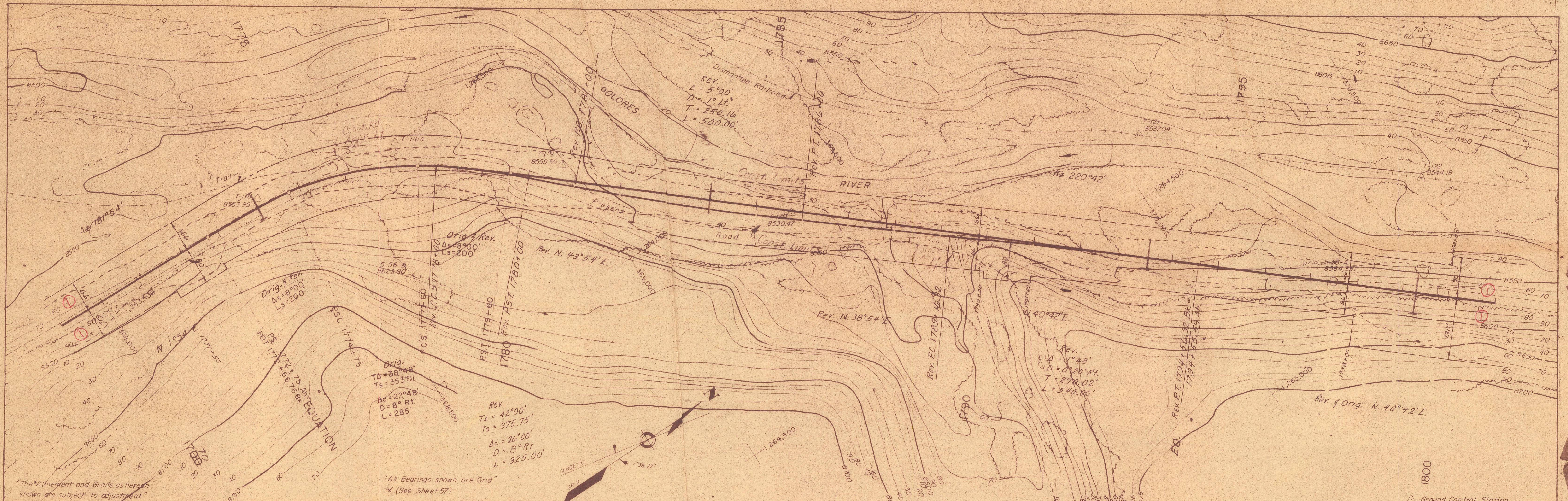
NATIONAL FOREST HIGHWAYS

ROUTE: <u>Dolores - Rico</u>	ROADBED WIDTHS
PROJECT: <u>1-2(4) Grading & Bit. Slope Base</u>	GRADED: <u>40'</u> SH to SH
NATIONAL FOREST: <u>San Juan</u>	BASE: <u>22'</u> SH to SH
COUNTY: <u>Dolores</u>	SURFACE: <u>SH to SH</u>
STATE: <u>Colorado</u>	

DESIGNED
DRAWN
L.F.K.
4-1963
4-1963

Revision: 7/1963, 5/1964

PLAN
NOTE BOOK
NO



① SAN JUAN NATIONAL FOREST

PROFILE
NOTE BOOK
NO

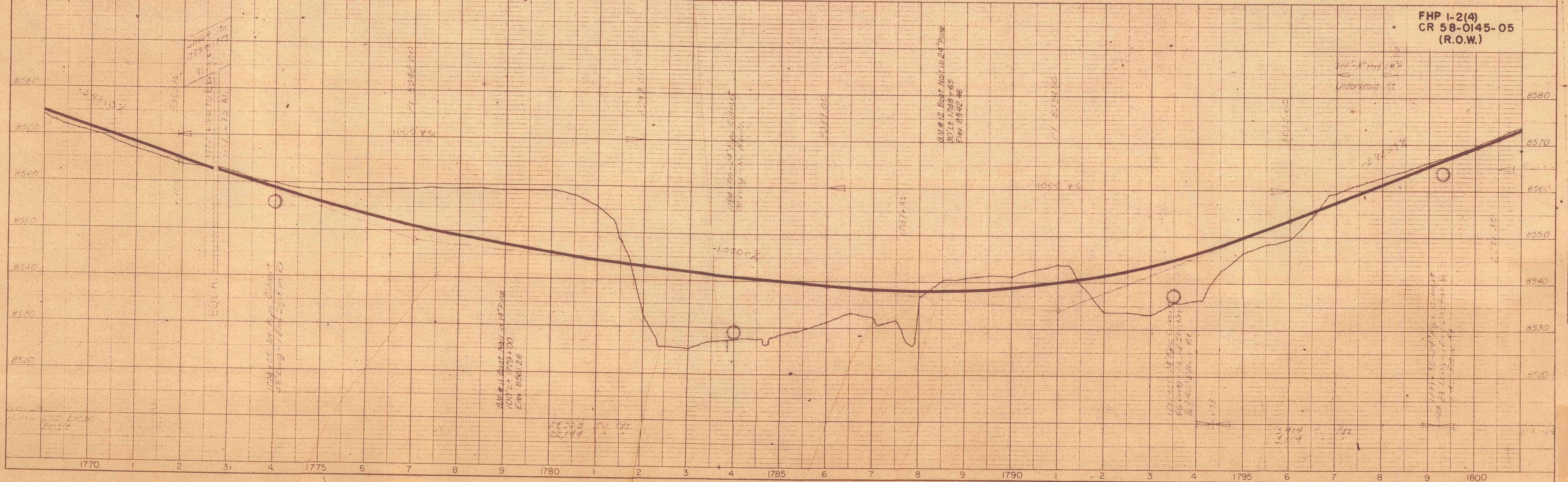


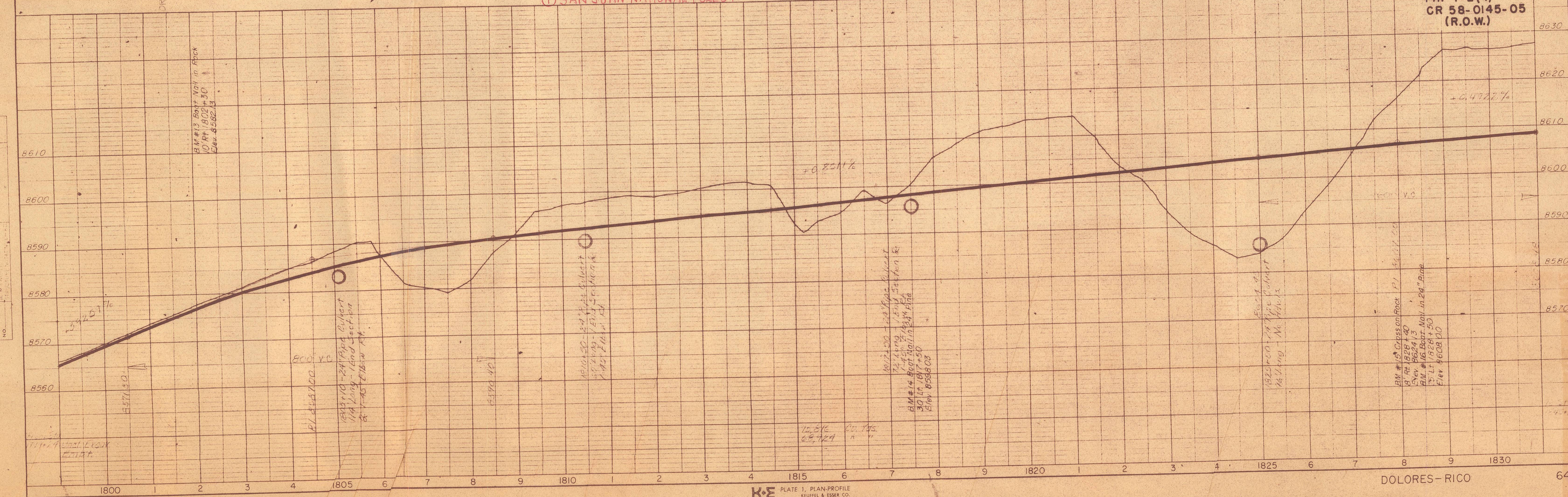
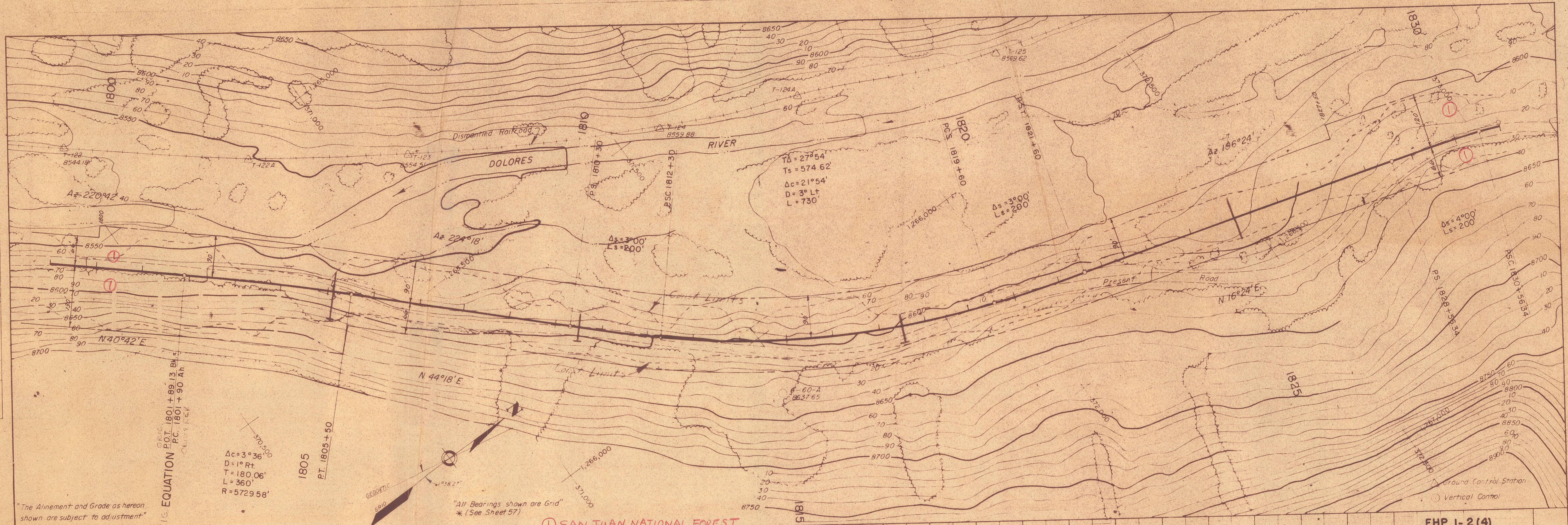
PLATE 1, PLAN-PROFILE
KEUPEL & ESSER CO.

48 7012 IMPERIAL "TRACING" CO.

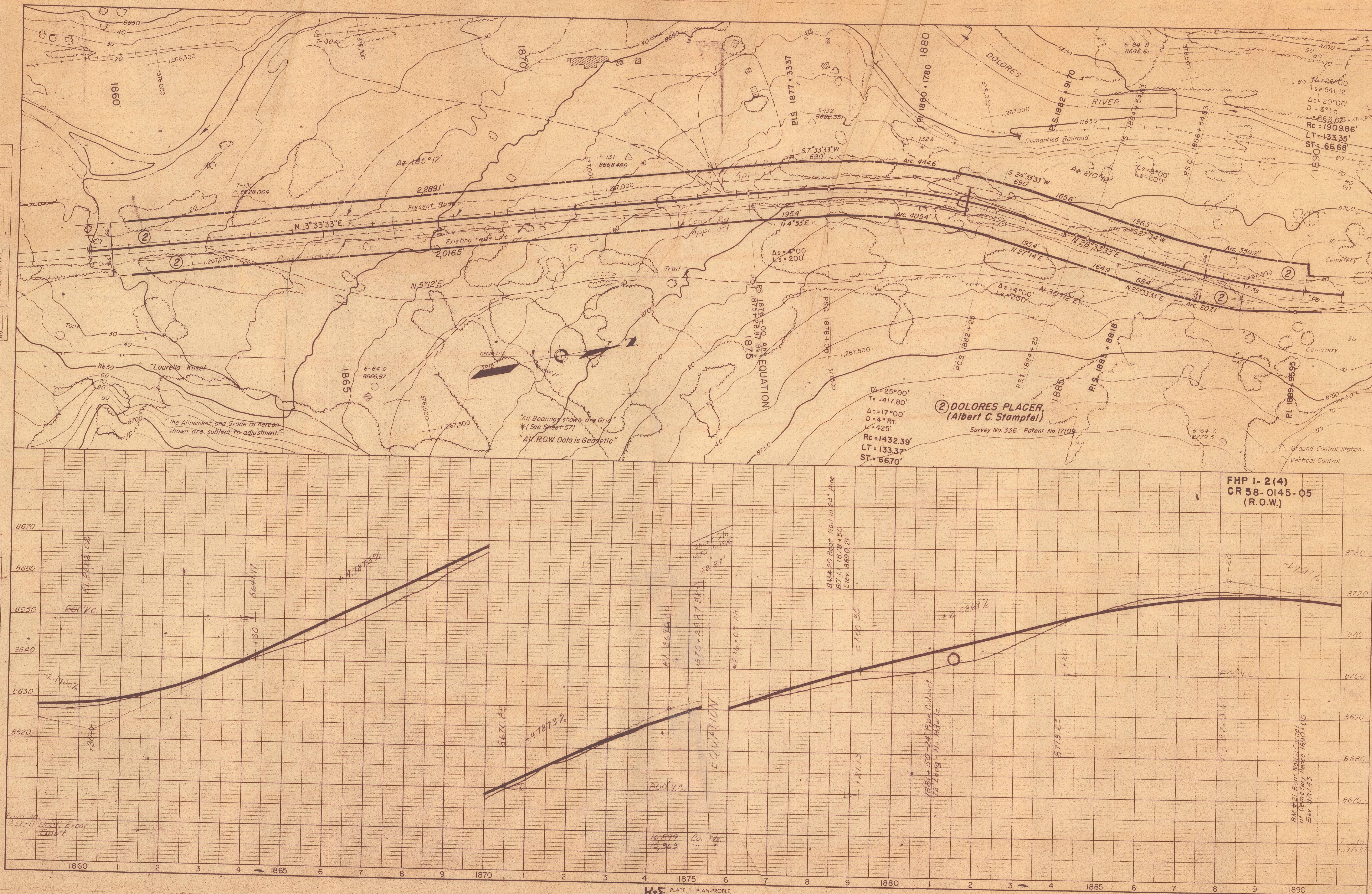
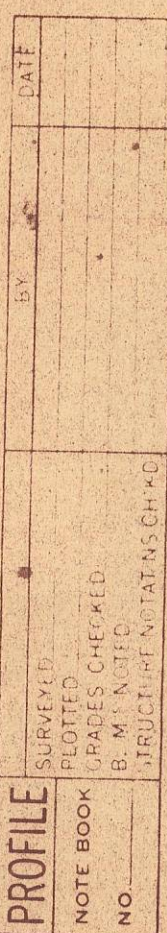
DOLORES - RICO

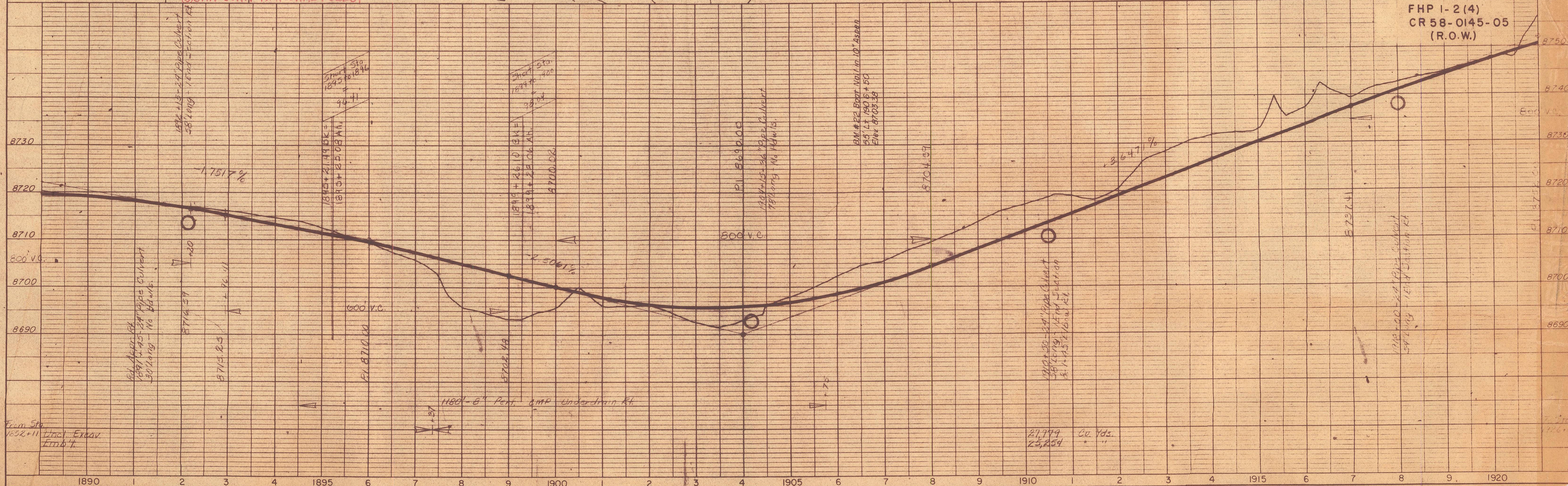
PLAN
NOTE BOOK
NO.

PROFILE
NOTE BOOK
NO.



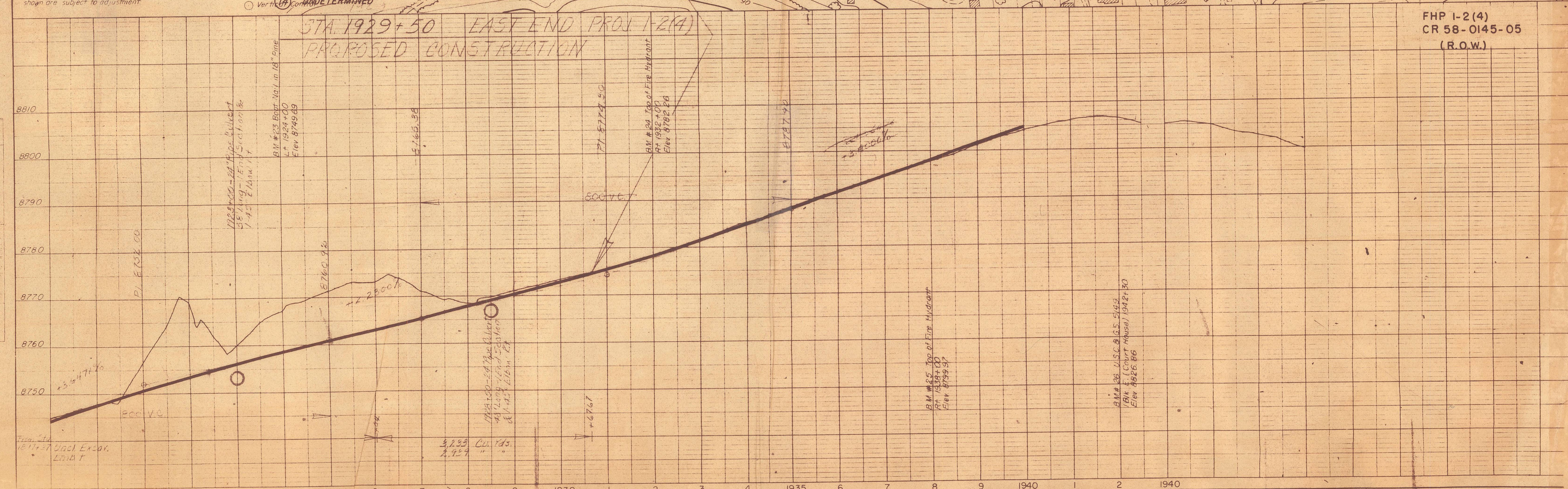
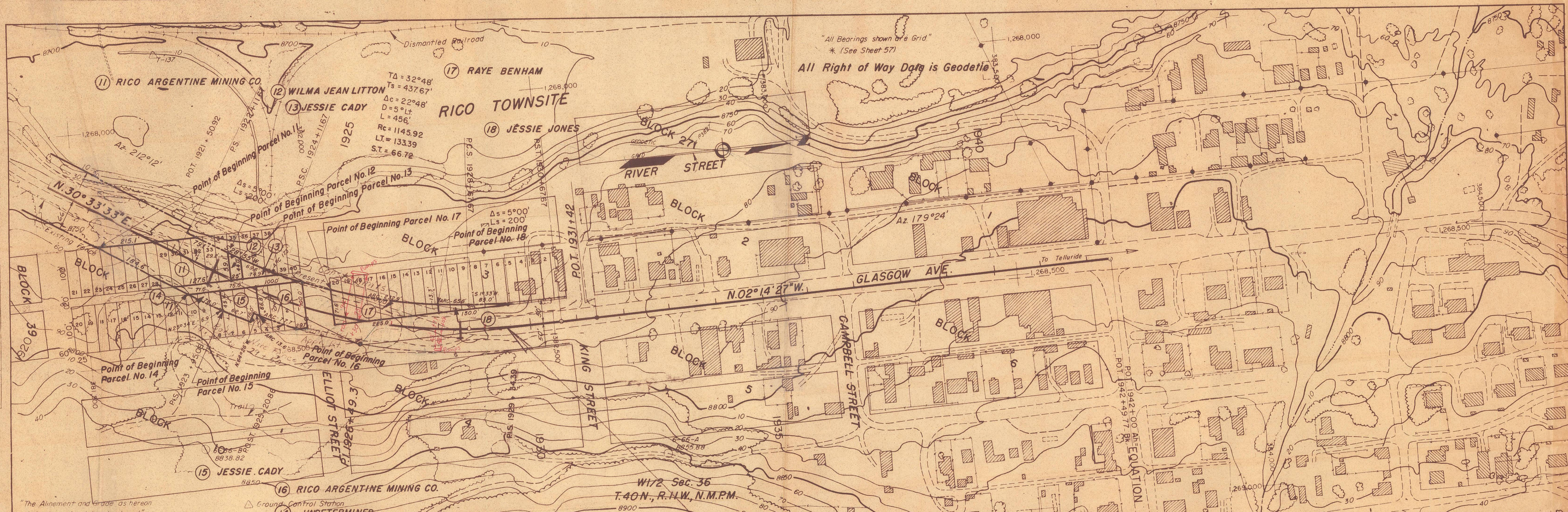






PLAN
NOTE BOOK
NO.

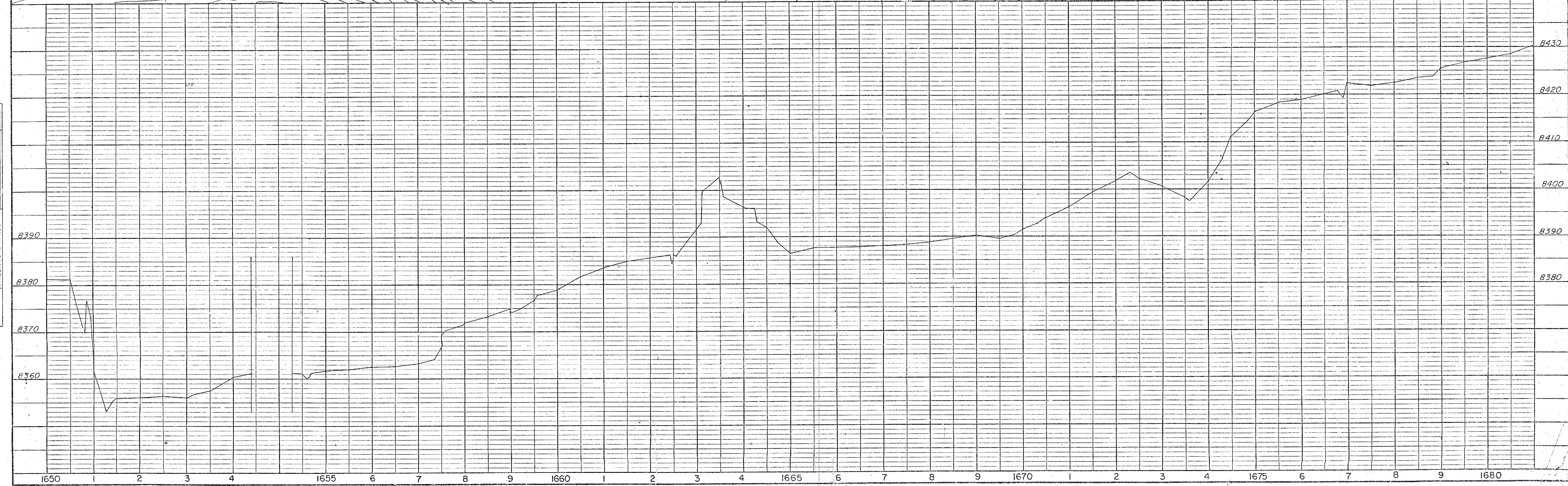
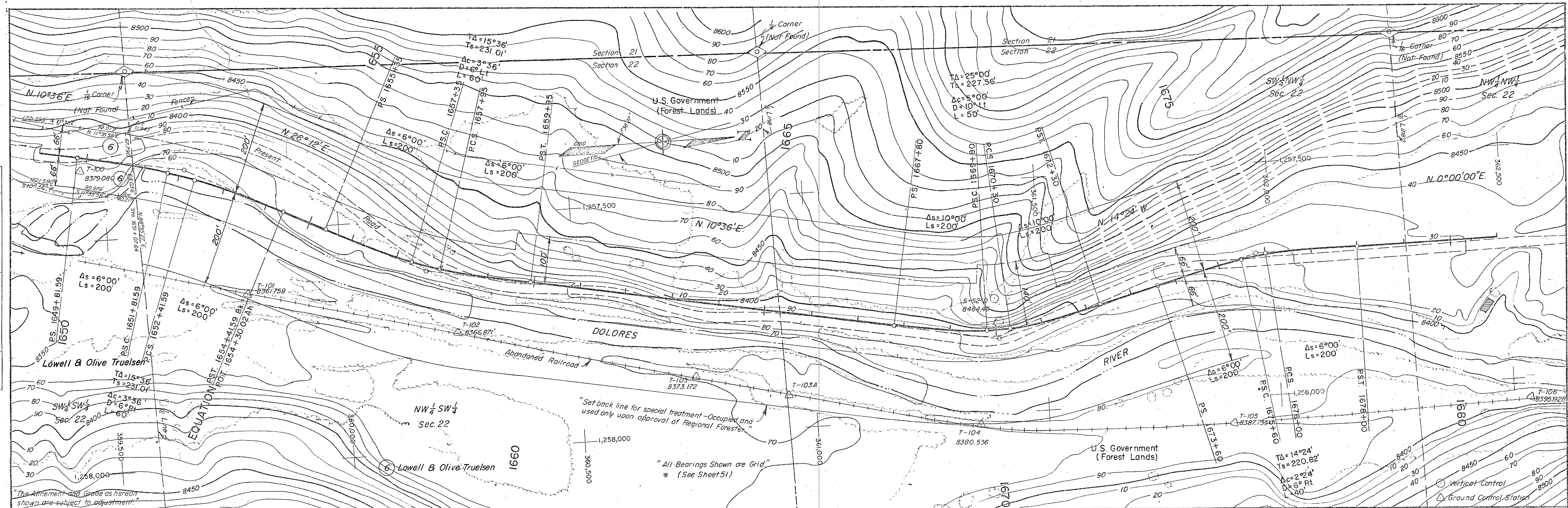
PROFILE
NOTE BOOK
NO.



FHP 1-2(4)
CR 58-0145-05
(R.O.W.)

PLAN	
DATE	BY
SURVEYED	
NOTE BOOK	
ALIGNED CHECKED	
RT. OF WAY CHECKED	
NO.	

PROFILE	
DATE	BY
SURVEYED	
NOTE BOOK	
ALIGNED CHECKED	
B. M. NOTED	
STRUCTURE NOTATIONS	
NO.	





COLORADO
Department of
Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.



r500001054

Description:

ROW Plans 24X36

Route # and Mile Points:

SH 145

Originating Office:

ROW/Survey

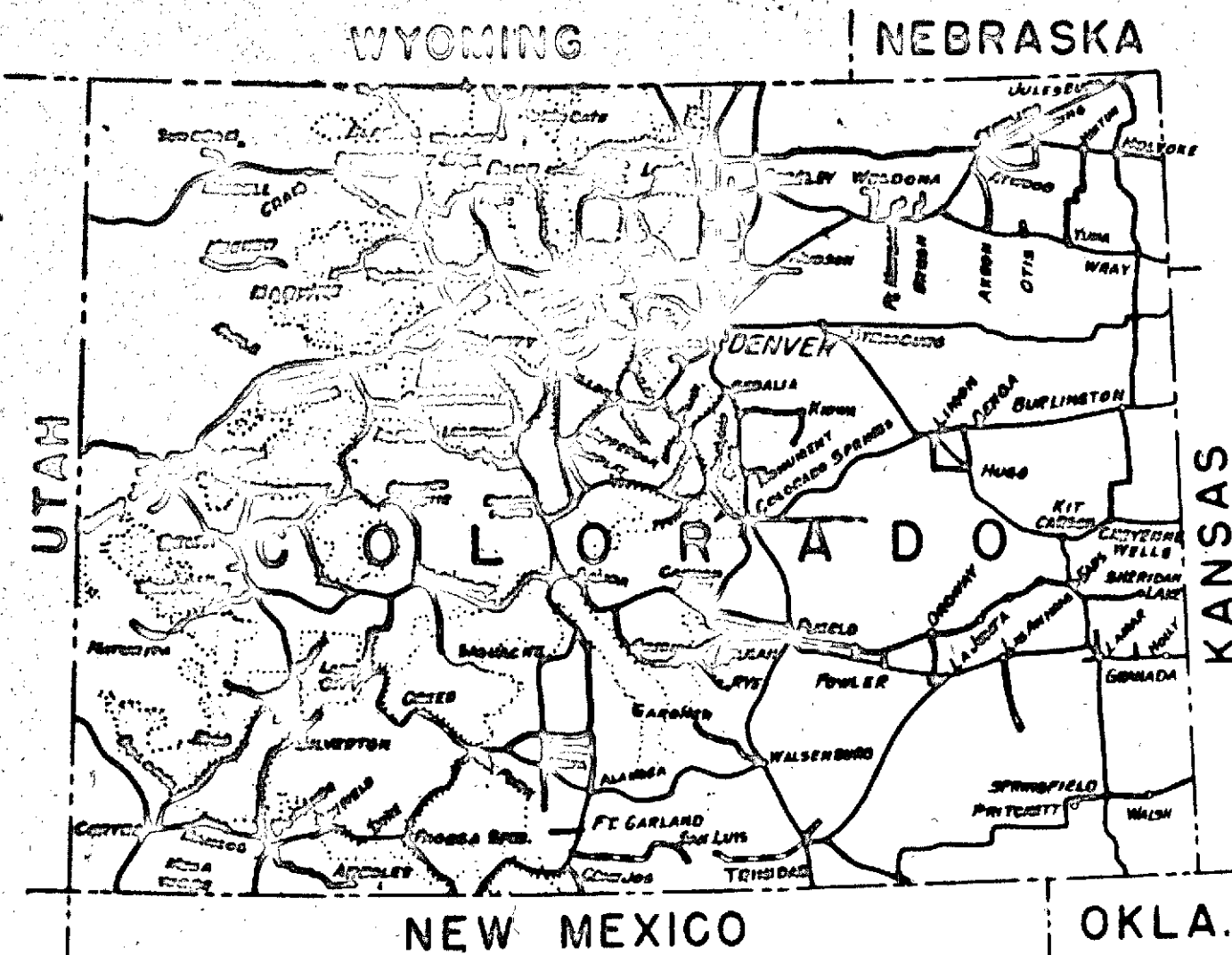
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1-2(4)_ROW(.PDF)

Box Location:

20 (TUBE-22) of 38

1-264)



U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

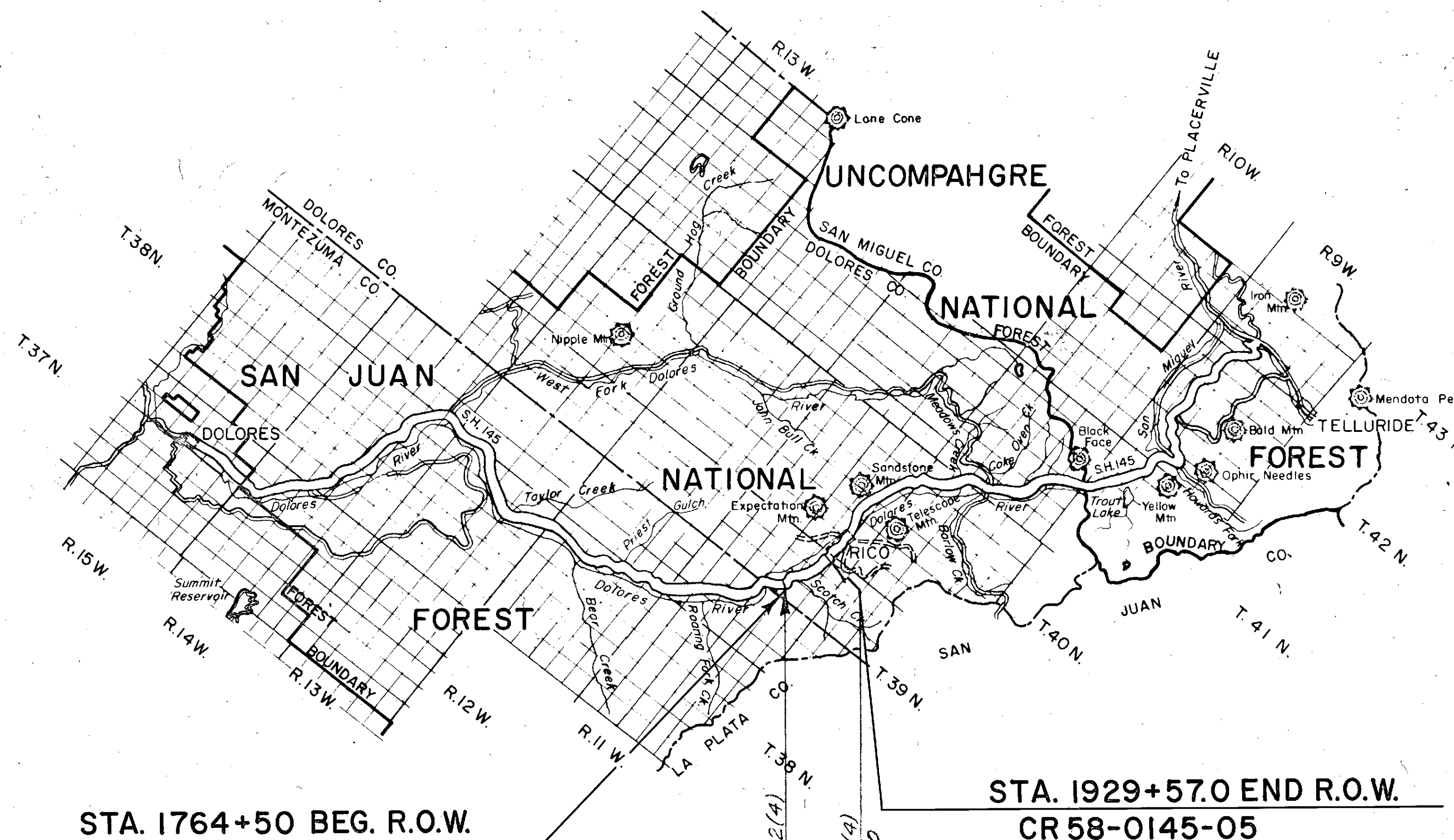
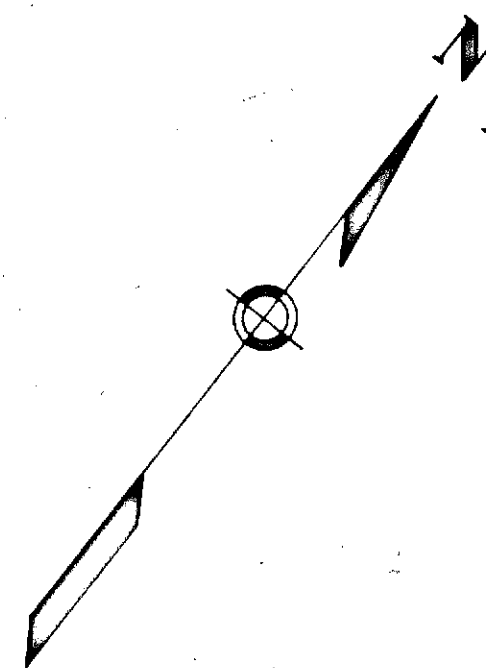
PLANS FOR PROPOSED
COLORADO FOREST HIGHWAY PROJECT I-2(4)
DOLORES-RICO
LENGTH= 3.110 MILES(IN R.O.W.)
CLASS 2
SAN JUAN & UNCOMPAHGRE
NATIONAL FORESTS
MONTEZUMA-DOLORES & SAN MIGUEL COUNTIES
RIGHT OF WAY

REGION 9 STATE COLORADO
PROJECT I-2(4), Dolores-Rico CR-58-0145-05
SHEET 1 OF 11 SHEETS

INDEX TO SHEETS		
SHEET NO	DESCRIPTION	STATION TO STATION
1	Title Sheet	
2-2A	Tabulation of Properties	
3	Typical Section	
4-10	Plan & Profile	

RICO SOUTH

REVISIONS		



STA. 1764+50 BEG. R.O.W.
CR 58-0145-05

STA. 1929+57.0 END R.O.W.
CR 58-0145-05

U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
REGION NO. 9 DENVER, COLORADO

APPROVED: _____ DATE _____ 19____
REGIONAL ENGINEER

LEGEND

EXISTING ROAD	UNIMPROVED	GRADED	REINFORCED SUBGRADE	BASE COURSE	SURFACE TREATMENT	ROAD PLANT MIX BITUM.	CONCRETE
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COLORADO
Department of
Transportation

DOCUMENT SEPARATOR SHEET

REGION 5 – JUNE 2017 CONVERSION

To be placed at the beginning of each separator sheet.



r500001733

Description:

ROW Plans 11X17

Route # and Mile Points:

SH 145

Originating Office:

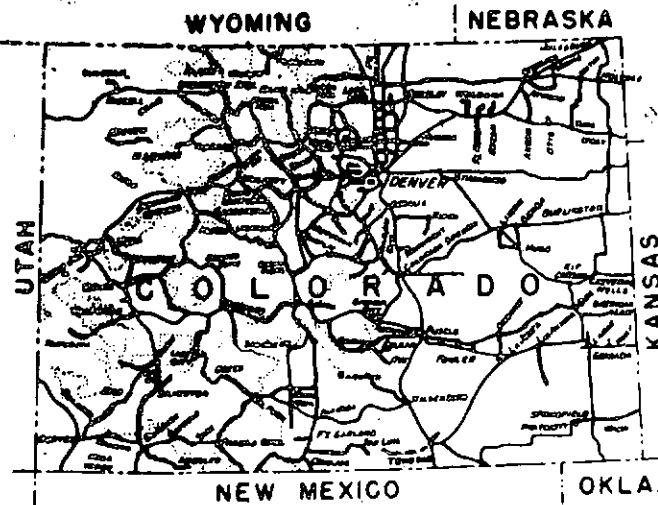
ROW/Survey

File Name:

1-2(4)_ROW(.PDF)

Box Location:

27 of 38



U.S. DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS

PLANS FOR PROPOSED
COLORADO FOREST HIGHWAY PROJECT 1-2(4)
DOLORES-RICO
LENGTH= 3.110 MILES(IN R.O.W.)
CLASS 2
SAN JUAN & UNCOMPAHGRE
NATIONAL FORESTS
MONTEZUMA-DOLORES & SAN MIGUEL COUNTIES
RIGHT OF WAY

REGION 9 STATE COLORADO
PROJECT 1-2(4), Dolores-Rico CR 58-0145-05
SHEET 1 OF 11 SHEETS

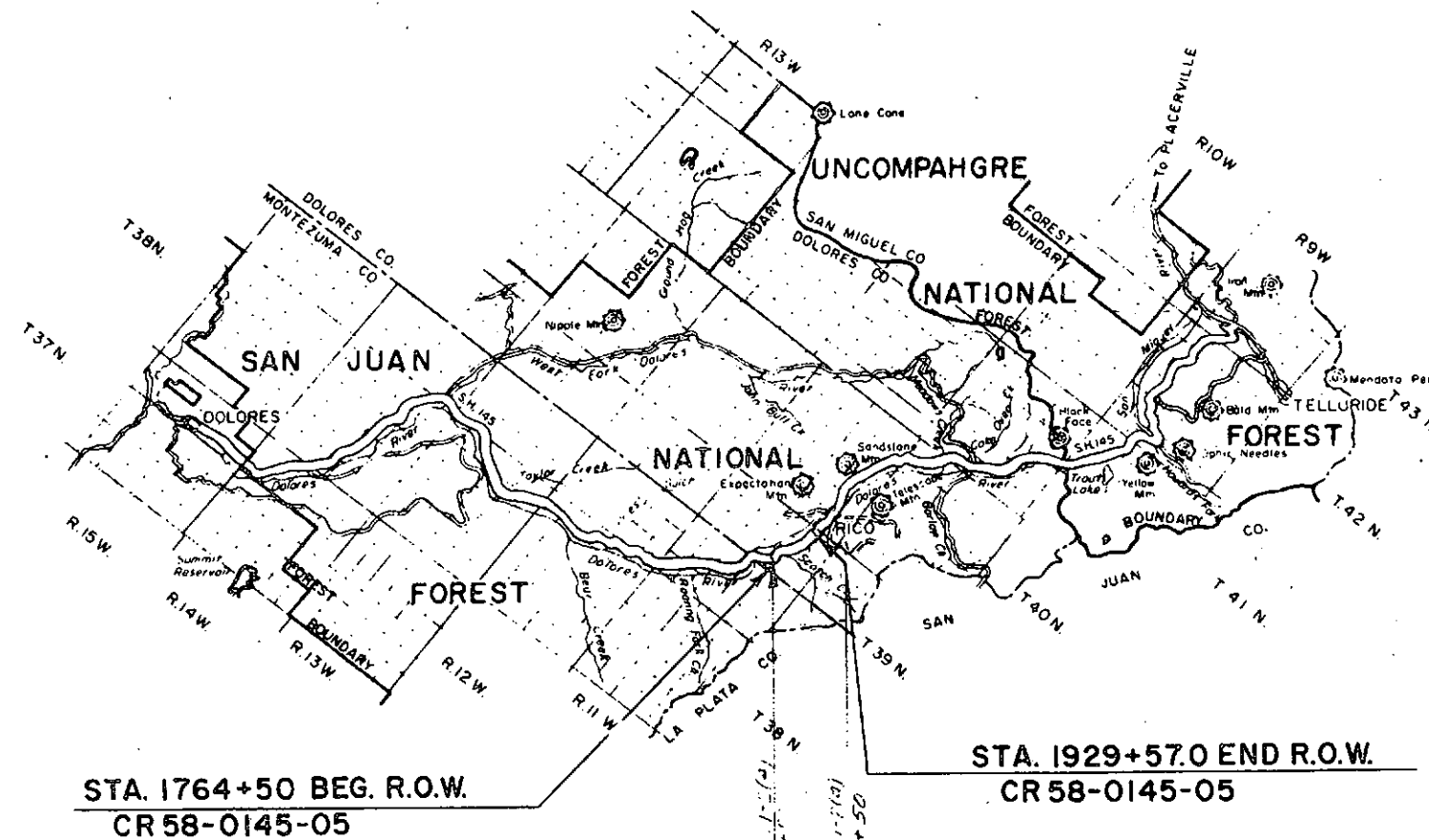
INDEX TO SHEETS

SHEET NO.	DESCRIPTION	STATION TO STATION
1	Title Sheet	
2-2A	Tabulation of Properties	
3	Typical Section	
4-10	Plan & Profile	

RICO SOUTH

REVISIONS

Durango Master Set



U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
REGION NO. 9 DENVER, COLORADO

APPROVED: _____ DATE: _____
REGIONAL ENGINEER

LEGEND

EXISTING ROAD	UNIMPROVED GRADED	REINFORCED BASE	SURFACE COURSE	COLOR PLANT	CONCRETE

M.A.G.

COUNTY S.H. No. 145 PROJ. CR 58-0145-05

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJECT NO.	SHEET NO.
0	COLORADO	CR 58-0145-05	2A

RIGHT OF WAY RICO SOUTH

[illegible]

HEIGHT		EMBANKMENT SLOPE	HEIGHT		CUT SLOPE	RIGHT OF WAY
0' to 3'	3' to 6'	6:1	0' to 5'	5' to 10'	3:1	
3' to 6'	6' to 12'	4:1	5' to 10'	10' and up	2:1	
6' to 12'	12' and up	2:1	10' and up		1 1/2:1	
12' and up		2:1				

The above tables are to be used as a guide in the design and construction of the project. The designer or field engineer may vary from these to fit existing conditions.



CUT SLOPE ROUNDING

When the cut slope is less than B, reduce B & F distance to the actual slope distance.

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Rounding, warping, and finishing slopes shall be as provided in Standard Specifications and the Special Provisions.

STABILIZING MATERIALS

STATION	Subbase Material Zone		Selected Material Zone	
	Item	Depth	Item	Depth
10+00	104	4"	104	4"
10+05	104	4"	104	4"

GENERAL NOTES

The Typical Section and the table above show a "Selected Material Zone" and a "Subbase Material Zone". These terms are for defining locations and depths of materials only, and are not to be considered as pay items having similar names. The "Selected Material Zone" lies below the profile grade (adjusted for curvature where appropriate). The "Subbase Material Zone" lies above the profile grade and just below the base course zone.

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CURVE WIDENING

Degree of Curve	Pavement Width		
	20'	22'	24'
5-10	2	—	—
11-21	3	2	—
22 & Up	4	3	2

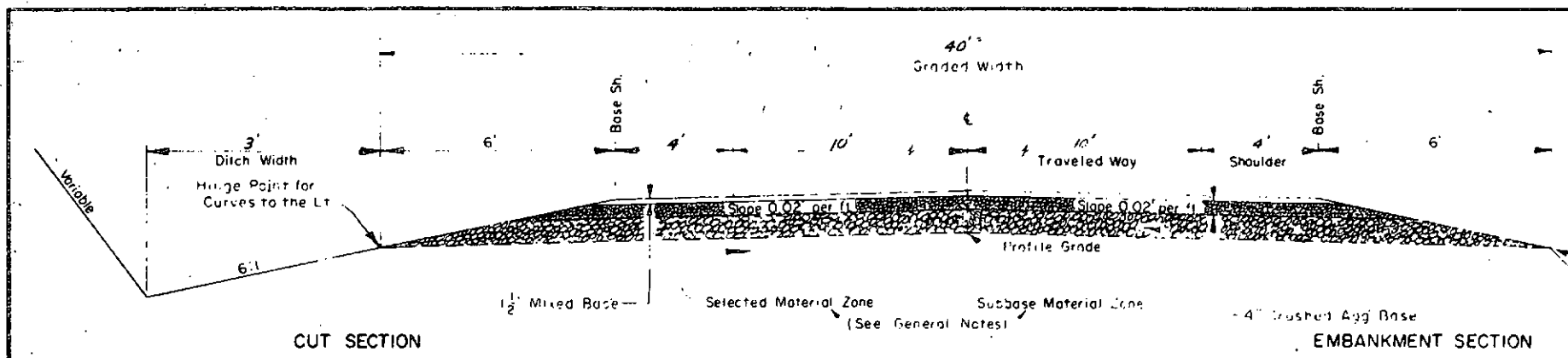
Subgrade, Base and Surfacing.

U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
REGION NO. 9 DENVER, COLORADO

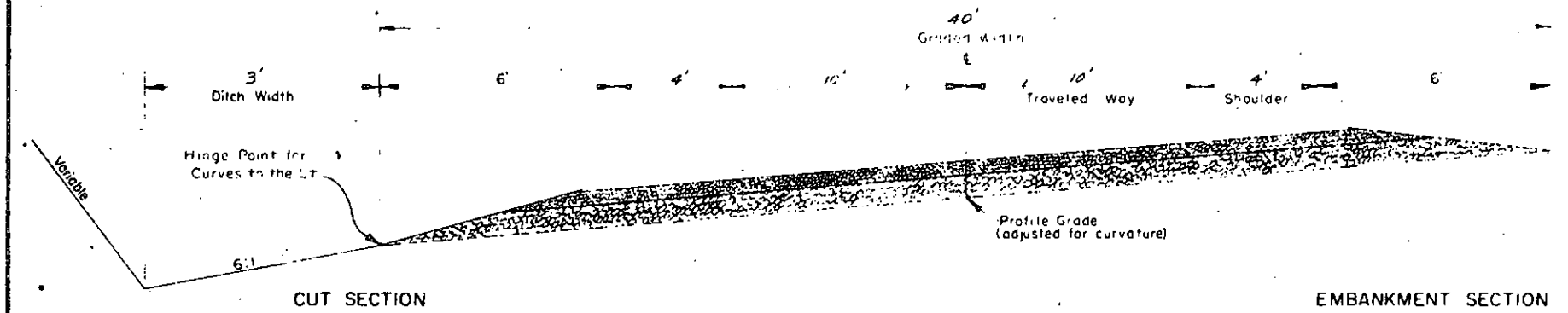
TYPICAL CROSS SECTIONS

NATIONAL FOREST HIGHWAYS

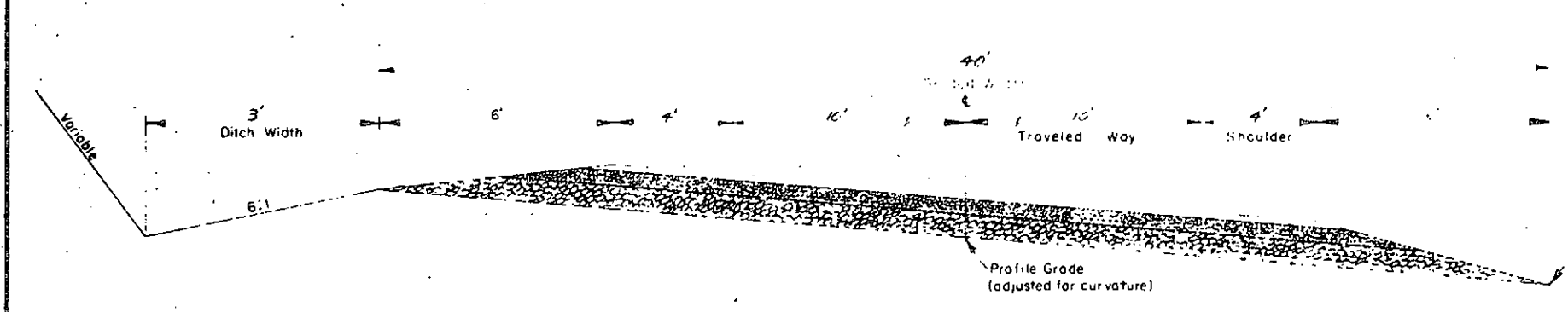
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PROJECT: <u>CR 58-0145-05</u>	GRADED: <u>4' 6"</u> SH to SH
NAT'L FOREST: <u>CR 58-0145-05</u>	BASE: <u>2' 6"</u> SH to SH
DATE: <u>10/1/58</u>	PREP: <u>SH to SH</u>



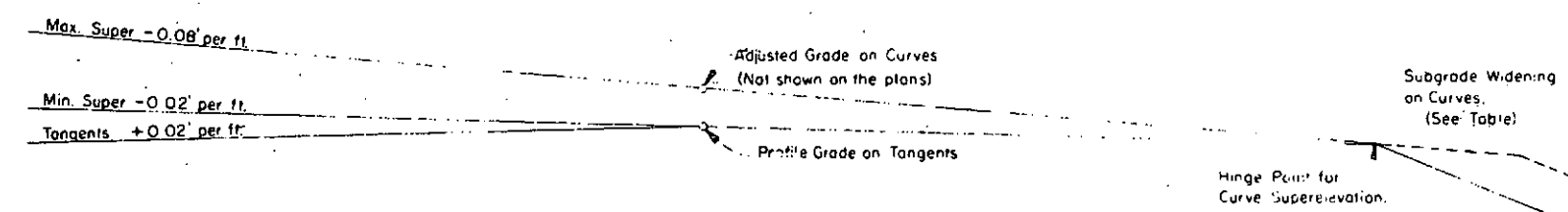
TYPICAL SECTION ON TANGENTS



TYPICAL SECTION FOR CURVES LT. (MAXIMUM SUPERELEVATION)



TYPICAL SECTION FOR CURVES RT. (MAXIMUM SUPERELEVATION)

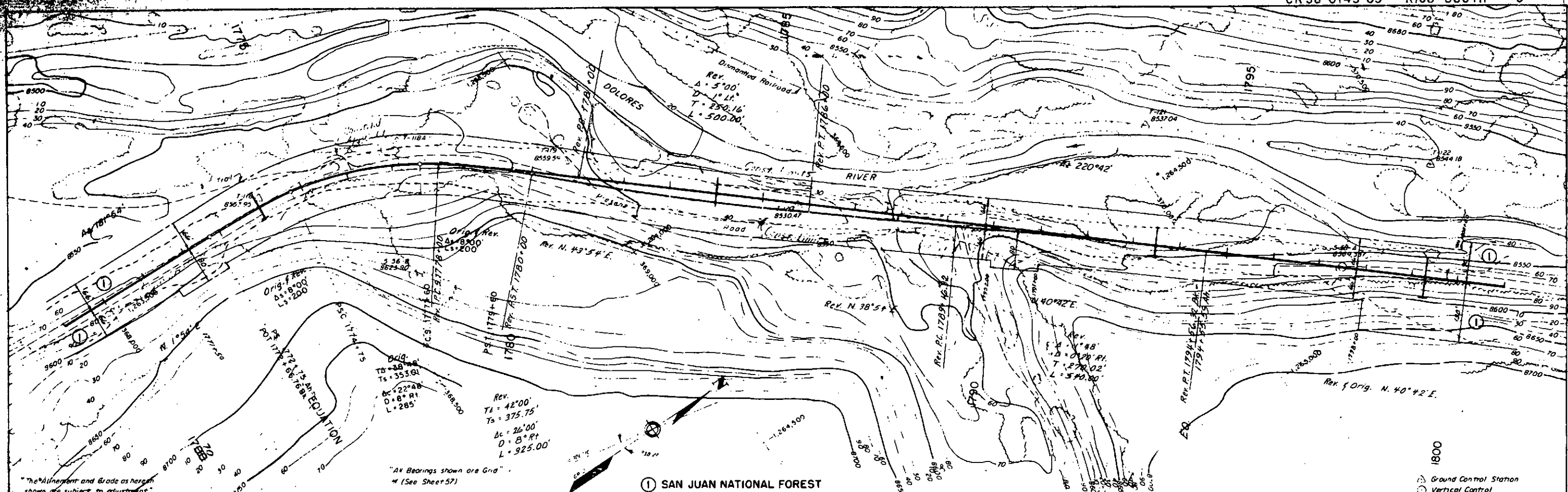


METHOD OF SUPERELEVATING ON CURVES

DESIGNED BY: 10/1/58
DRAWN BY: 10/1/58

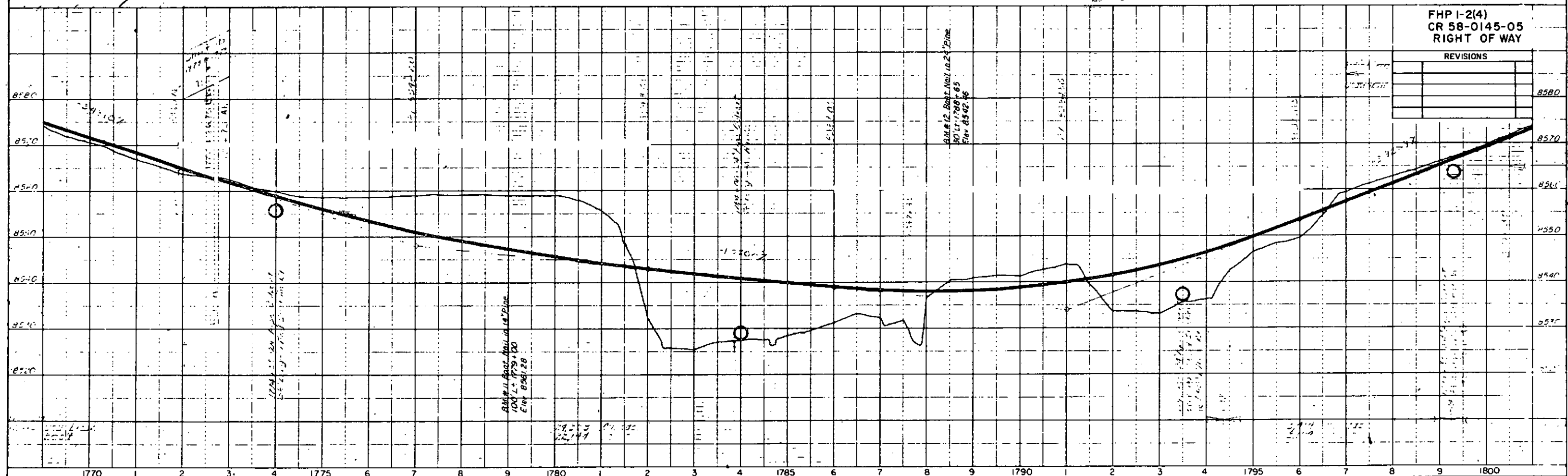


PLAN
NOT TO SCALE



1800
Ground Control Station
Vertical Control

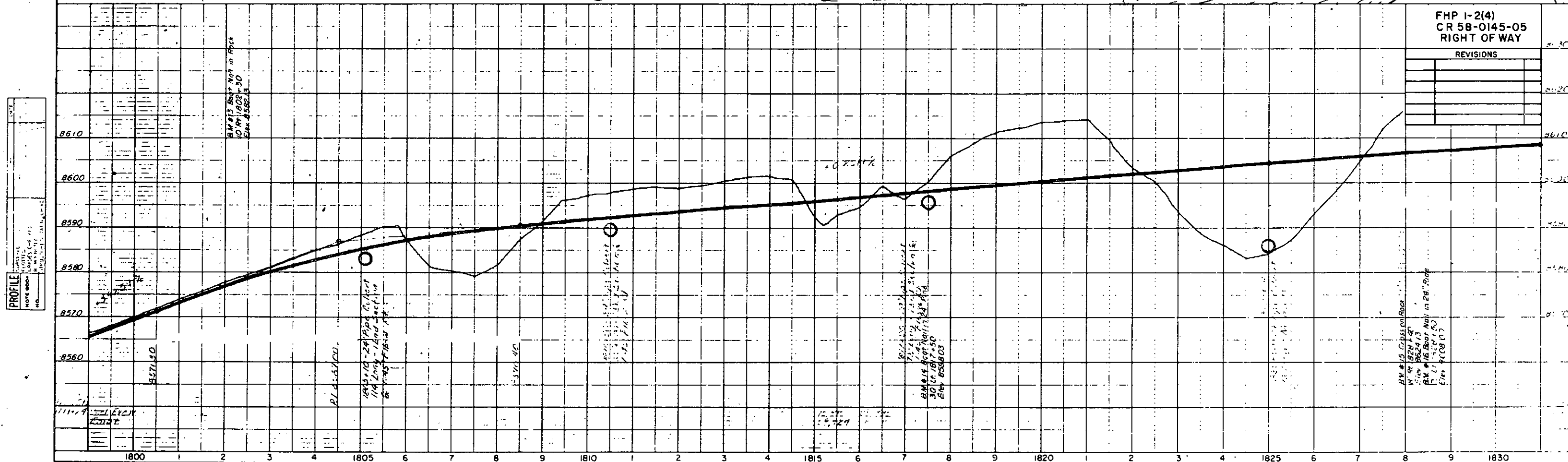
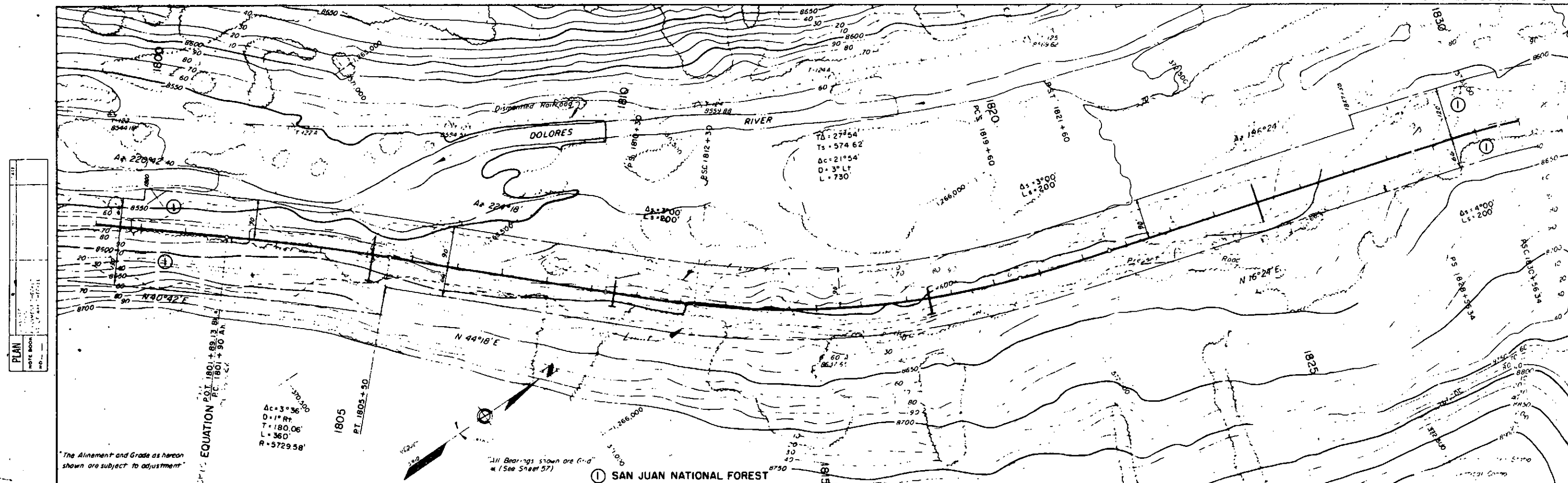
① SAN JUAN NATIONAL FOREST



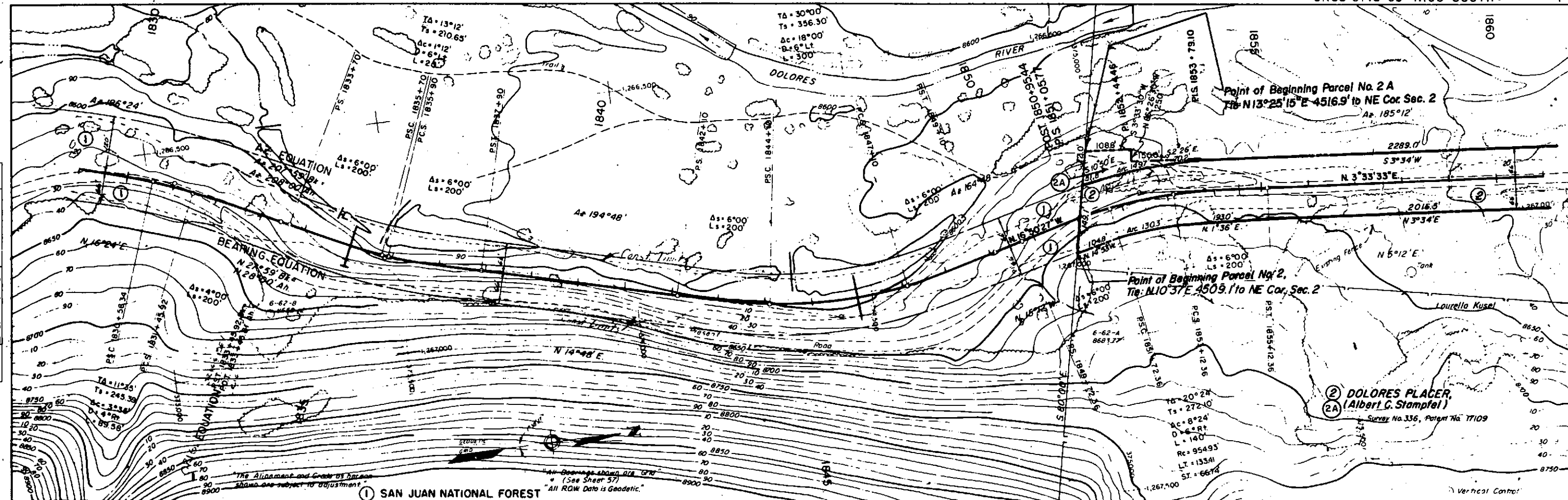
FHP 1-2(4)
CR 58-0145-05
RIGHT OF WAY

REVISIONS	

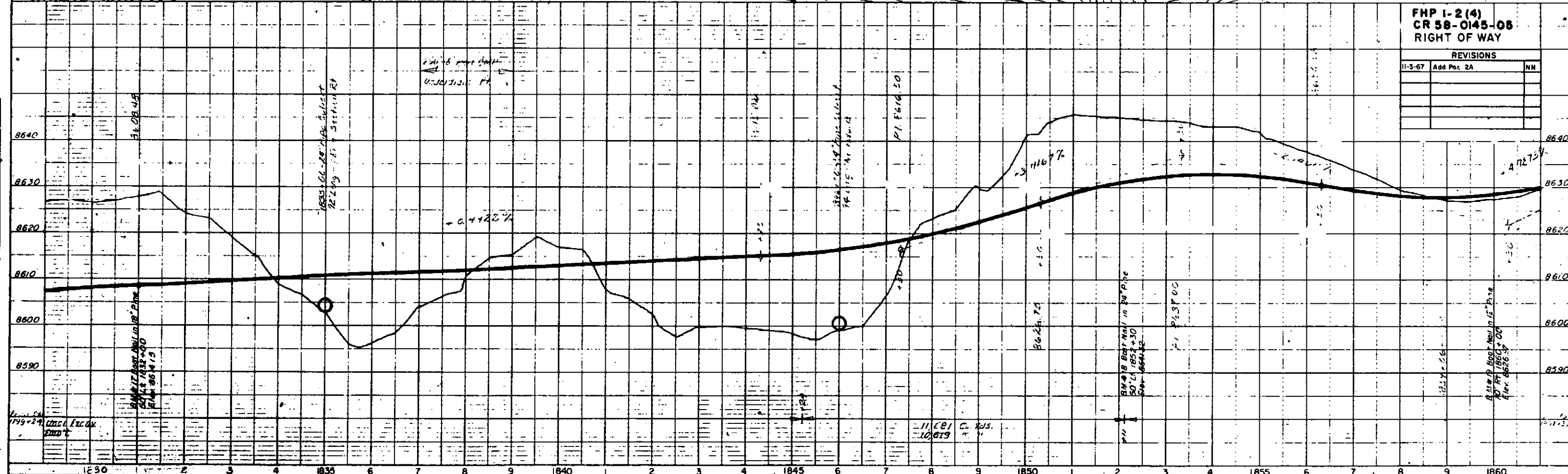
PROFILE
NOT TO SCALE



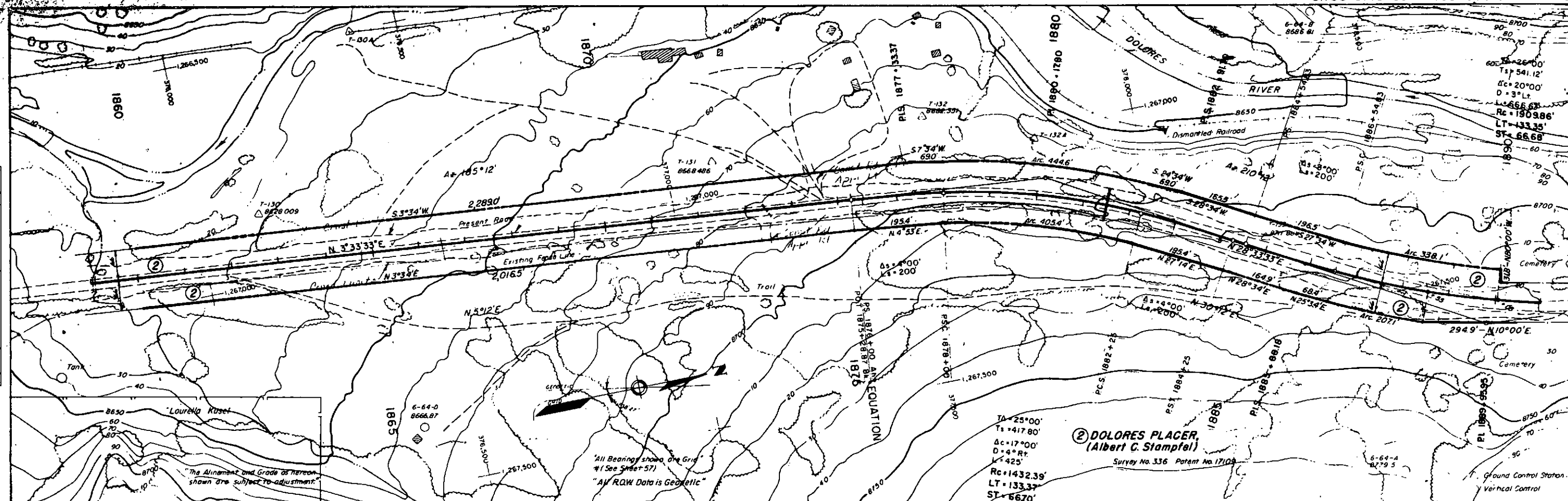
PLAN
 DATE: 11-1-57
 BY: J. H. HARRIS
 CHECKED: J. H. HARRIS
 APPROVED: J. H. HARRIS



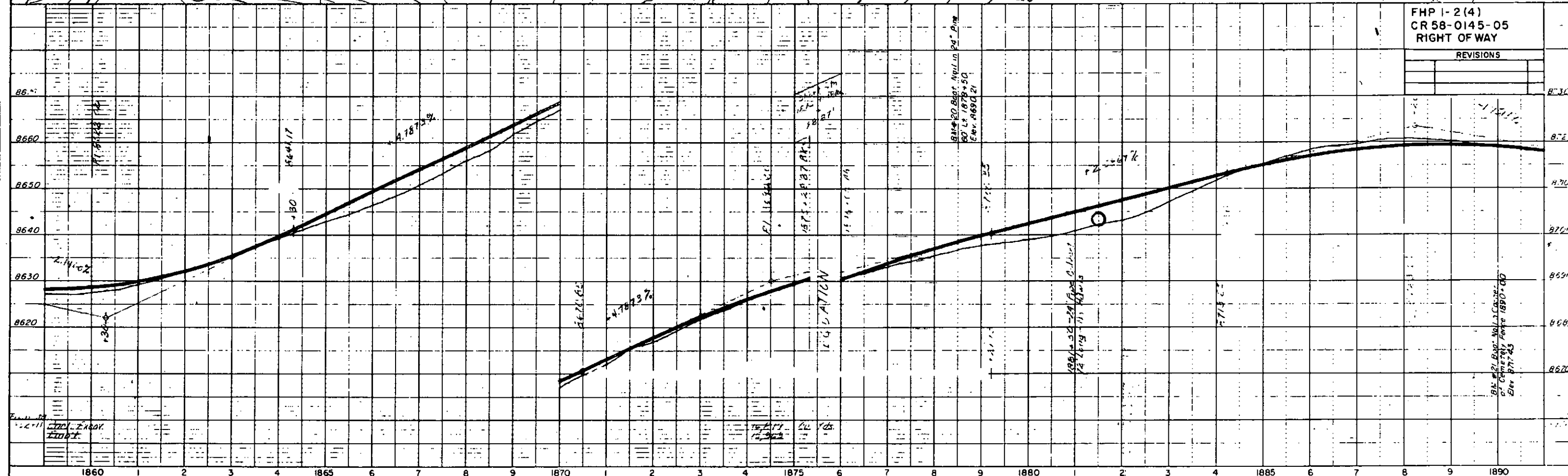
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 BY: J. H. HARRIS
 CHECKED: J. H. HARRIS
 APPROVED: J. H. HARRIS



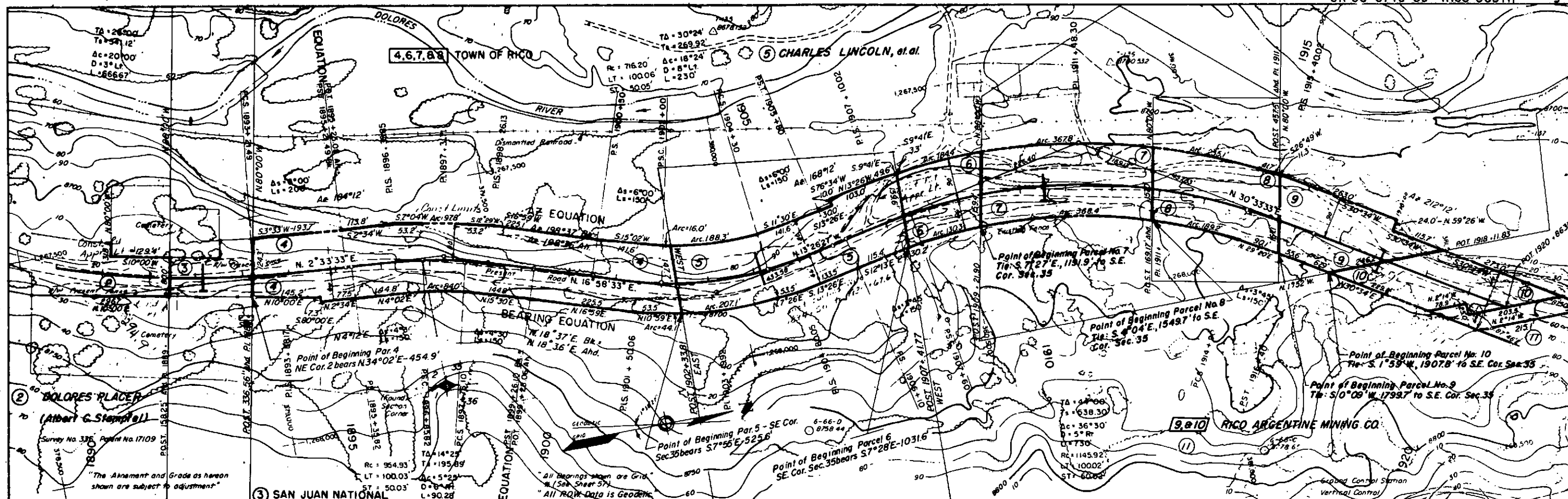
PLAN
DATE
BY
CHECKED
BY
NOTED
BY



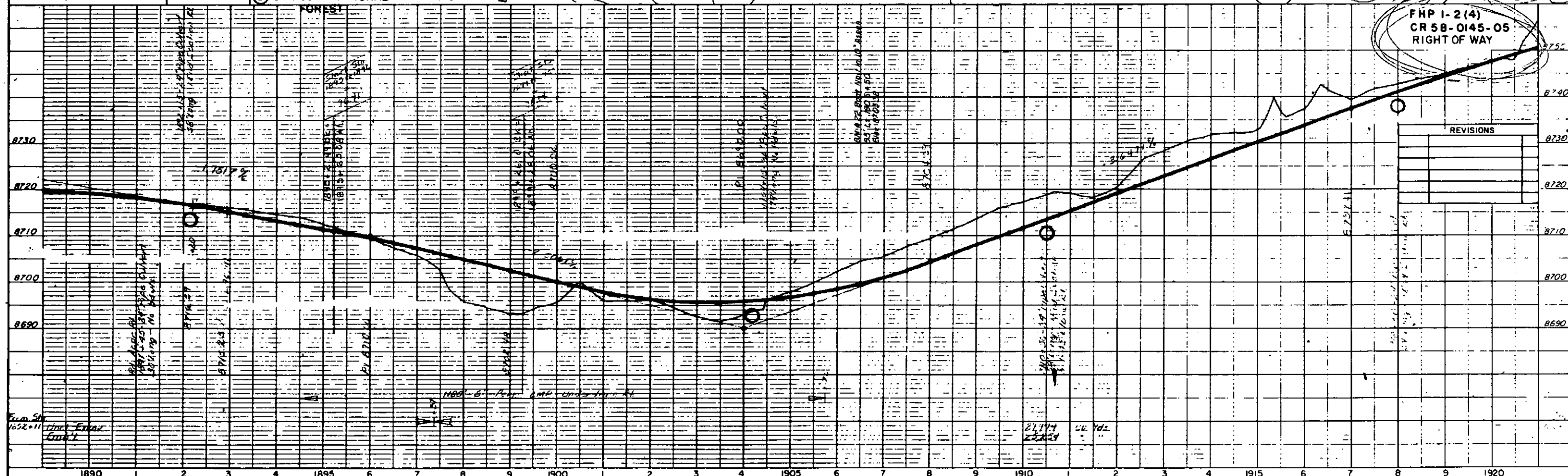
PROFILE
DATE
BY
CHECKED
BY
NOTED
BY



PLAN	DATE
DATE	
BY	
CHECKED	
APPROVED	
NO.	



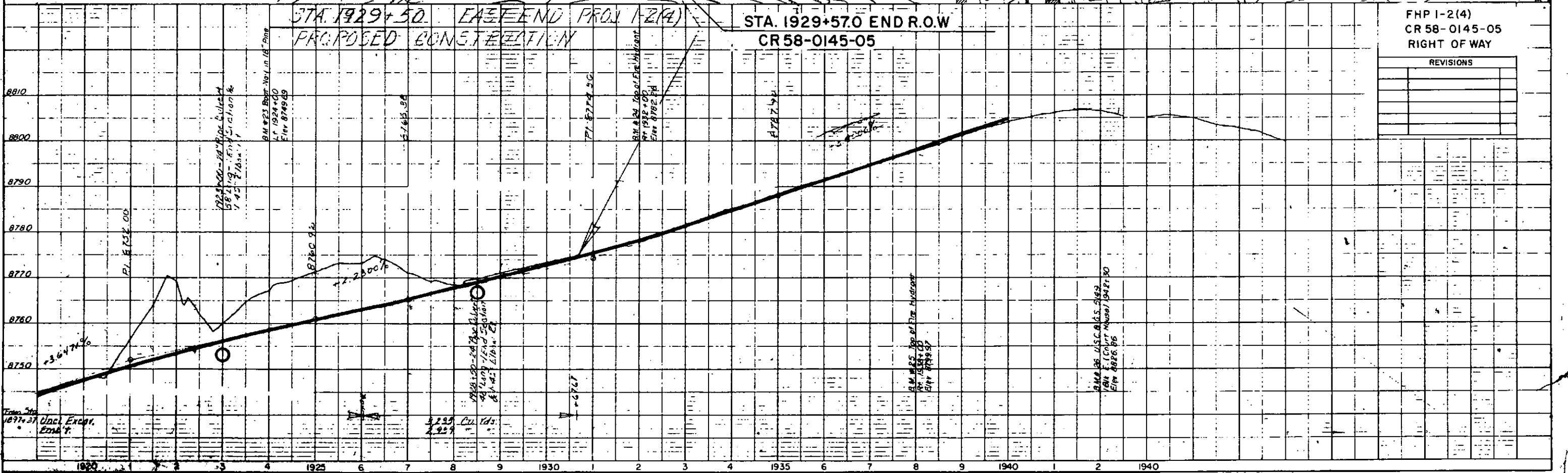
PROFILE	DATE
DATE	
BY	
CHECKED	
APPROVED	
NO.	



FHP 1-2(4)
CR 58-0145-05
RIGHT OF WAY

REVISIONS

PLAN	NOTE BOOK	21	1 MAY 1964
	NO. —		

[illegible]

FHP 1-2(4)
CR 58-0145-05
RIGHT OF WAY

REVISIONS		