

FED. ROAD DIST. NO.	STATE	F. A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	134 F(2) LANDSCAPING	1	

Revised 4-11-38 D.S.N.

134-0602

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 134-F(2) LANDSCAPING STATE HIGHWAY NO. 4 KIT CARSON COUNTY

INDEX OF SHEETS

Sheet No.	1.	Sketch Map and Title Sheet.	
	2.	Typical Cross Section and Summary of Quantities.	
	3.	Standard Wire Fences with Steel Posts and Marker Posts.	M 27 A
	4.	Typical Side Approach Roads/Roadway Construction Traffic Signs.	M 2 B
	5-16.	Alignment Plan and Profile.	

CONVENTIONAL SIGNS

Center Line of Survey

Right of Way Lines

Easement Lines

Section Lines

Railroad

Barbed Wire Fence

Bridges (in Place)

Intersecting Roads

Trees (in place)

Shrubbery (in place)

New Shrubbery

Ponderosa Pines

Pinyon Pines

Russian Olive

Cottonless Cottonwood

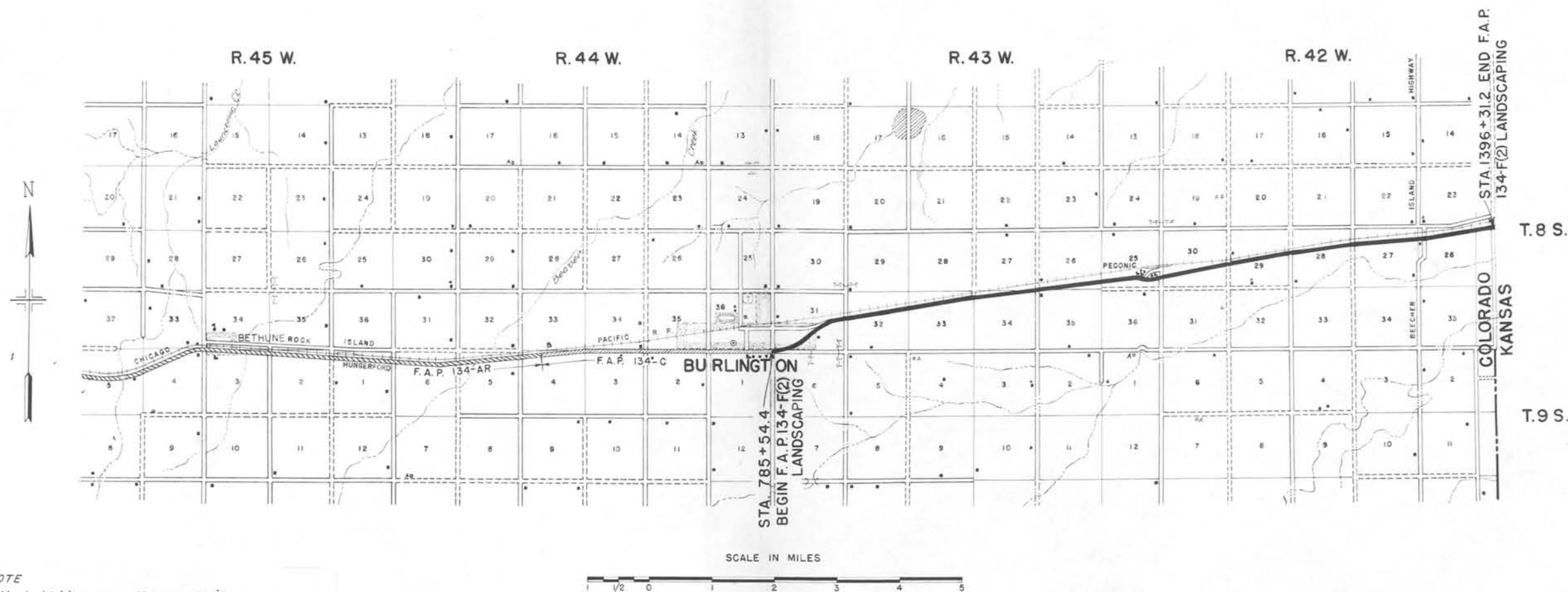
American Ash

Other Deciduous Trees

SCALES ON ORIGINAL TRACINGS ON PLAN

1 IN. = 100 FT.
EXCEPT AS SHOWN

GROSS LENGTH OF PROJECT 11.665 MI.
NET LENGTH OF PROJECT 11.665 MI.



NOTE

It is recommended that bidders on this project go over the plan details with one of the following field representatives of the department.

Mr. Ernest Montgomery, Division Engineer, Colorado Springs, Colo.
Mr. M. Walter Pesman, Landscape Architect, Denver, Colo.

RECOMMENDED FOR APPROVAL 3/8/38

J. H. H. H.
ASSISTANT ENGINEER

APPROVED
Chas. H. H.
STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL

DIST. ENG. BUREAU PUBLIC ROADS
RECOMMENDED FOR APPROVAL

CHIEF ENG. BUREAU PUBLIC ROADS
APPROVED

DIRECTOR BUREAU PUBLIC ROADS

TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

SUMMARY OF APPROXIMATE QUANTITIES

FENCING & GATE REQUIREMENTS

STA. TO STA.	SIDE	REMOVE B.W. FEN. LIN. FT.	BUILD B.W. FEN. LIN. FT.	REMOVE B.W. FEN. LIN. FT.	RESET GATES GATES
819+30-820+43	L	113			
820+45-822+60	L			300	
820+45-827+45	L			700	
934+00-955+00	R		40	2100	
938+00-950+00	L			1400	
945+00	R				1
954+85	R				1
1096+00-1105+75	L	975			
1139+90-1151+00	L	1110			
26+00-26+83	R	83			
26+83-32+20	R			537	
27+16-32+21	L			1152	
TOTALS		2281	40	6189	2

INCIDENTAL WORK

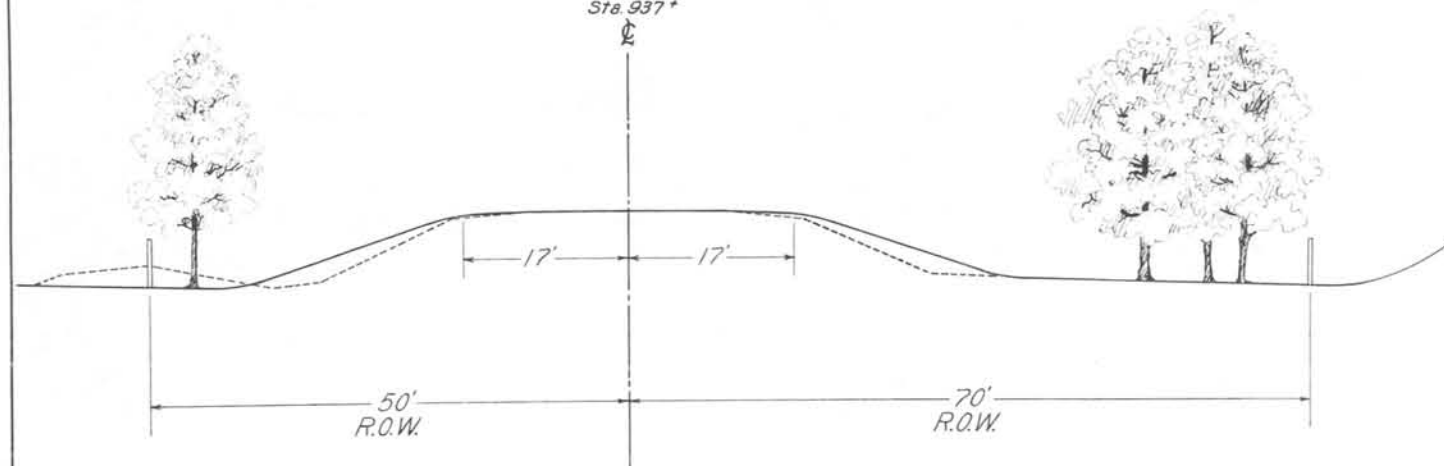
ITEM NO.	DESCRIPTION	UNIT	QUANT.
10a	Clearing and Grubbing Entire Proj.	Lump Sum	
12a	Removing Fence.	Lin. Ft.	2300
12b	Removing and Rebuilding Fence.	Lin. Ft.	6200
12c	Removing and Resetting Gates.	Each	2
13c	Unclassified Excavation	Cu. Yds.	2300
13d	Cut Slope Treatment	Mile	10.8
13f	Topsoil	Cu. Yds.	50
18a	Station Yard Overhaul	Sta. Yds.	1500
26a	Gr. or Cr. Rock Surfacing	Ton	400
76c	B.W. Fence, Metal Posts	Lin. Ft.	40

PLANT MATERIALS

ITEM NO.	UNIT	QUANT.	BOTANICAL NAME	COMMON NAME	SIZE ETC.
EVERGREENS					
1	Each	59	* Pinus edulis	Pinyon Pine	B&B 5'-6'
2	"	303	* Pinus ponderosa	Ponderosa Pine	B&B 5'-6'
DECIDUOUS TREES					
3	"	14	Ailanthus glandulosa	Tree of Heaven	1 1/2"-2"
4	"	30	Eleagnus angustifolia	Russian Olive	1 1/2"-2"
5	"	48	Fraxinus americana	American Ash	2"-2 1/2"
6	"	4	Populus alba	Silver Poplar	2"-2 1/2"
7	"	48	Populus sargentii	Cottonless Cottonwood	2 1/2"-3"
8	"	3	Salix vitellina pendula	Golden Weeping Willow	1 1/2"-2"
9	"	176	Ulmus parvifolia	Chinese Elm	2"-2 1/2"
SHRUBS					
10	"	10	Caragana arborescens	Siberian Pea	3'-4'
11	"	30	Lycium halimifolium	Matrimony Vine	2'-3'
12	"	255	Prunus besseyi	Sandcherry	2'-3'
13	"	285	* Rhus trilobata	Three-leaved Sumach	2'-3'
14	"	25	Robinia neo-mexicana	Pink Locust	4'-5'
15	"	375	* Rosa arkansana et al	Native Roses	2'-3'
16	"	30	Rosa rubrifolia	Red-leaved Rose	2'-3'
17	"	180	Rosa setigera	Prairie Rose	2'-3'
18	"	25	Spiraea vanhouttei	Bridal Wreath	3'-4'
19	"	50	Symphoricarpos racemosus	Snowberry	2'-3'
20	"	330	Tamarix hispida	Kashgar Tamarisk	3'-4'
PERENNIALS					
21	"	110	Iris (assorted)	Iris	4" Divisions
22	"	100	Papaver orientalis	Oriental Poppy	2 Yr. Old
MISCELLANEOUS					
60	Acre	5	Seeding Native Grasses		
61	Ton	50	Fertilizer		
62	Sq. Yds.	1000	Native Grass Sodding		
			* Material to be collected		

TYPICAL SECTION

Sta. 937+



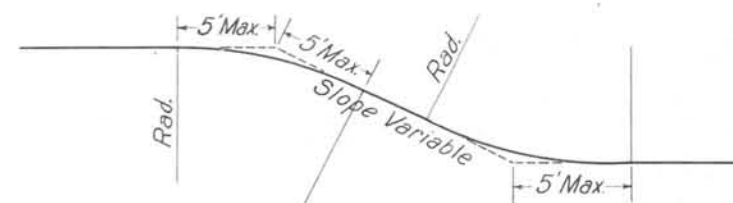
GENERAL NOTES

This Project is to be constructed in accordance with the Standard Specifications of the Colorado State Highway Department adopted June 1, 1937.

All quantities on preliminary plans are to be considered as approximate only.

All materials furnished for this Project shall be in conformity with requirements of "Standard Rules and Tables for Growing and Grading Ornamental and Fruit Nurserymen," issued by the American Association of Nurserymen.

CUT SLOPE TREATMENT



The intersection of cut slopes with the existing ground near Right of Way line shall be rounded in earth cuts, as indicated in Typical Section shown above. The excavated material shall be used to round out the ditch bottom as indicated, and the entire cut slope shall be smoothed off to give a rounded and flattened slope.

Quantities involved in Cut Slope Treatment shall not be included in "Unclassified Excavation."

TABULATION OF CUT SLOPE TREATMENT

STATIONS	LIN. FT.	RT.
832-850		1800
832-928	8100	
920-928		800
938-950		1200
938-950	1200	
957+40-1040	8300	
1008-1040		3200
1045-1068	2300	
1062-1068		800
1073-1086		1300
1073-1100	2700	
1145-1161		1500
1145-1161	1500	
1167-1180		1300
1200-1207		700
1220-1395	17500	
1248-1275		2700
	43600	13300
TOTAL	56900 FT. = 10.8 MI.	

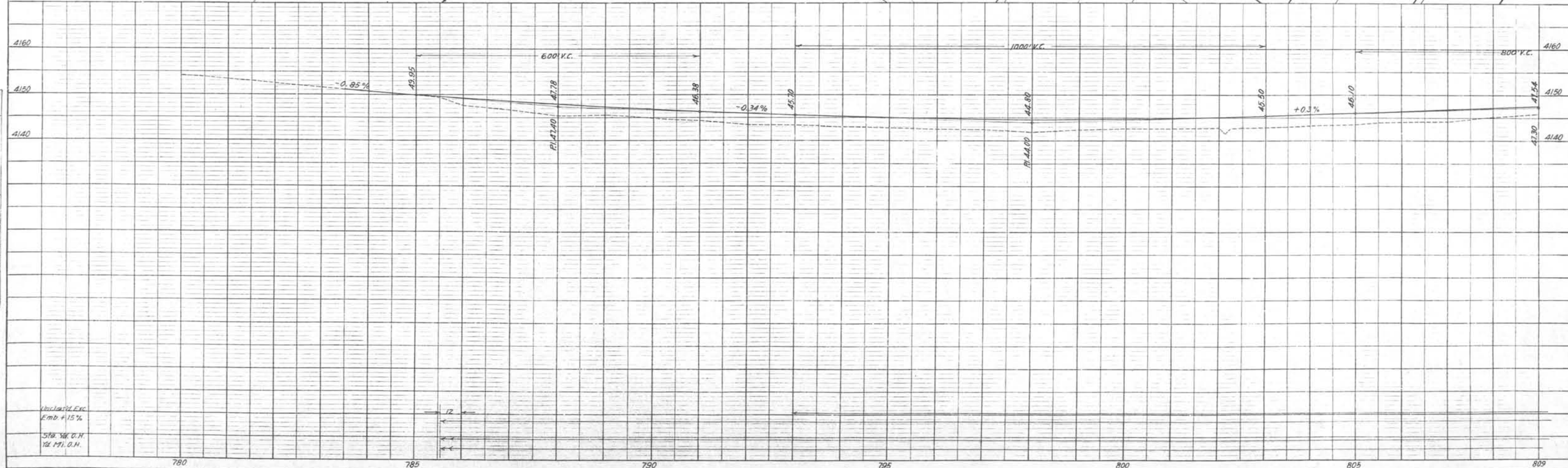
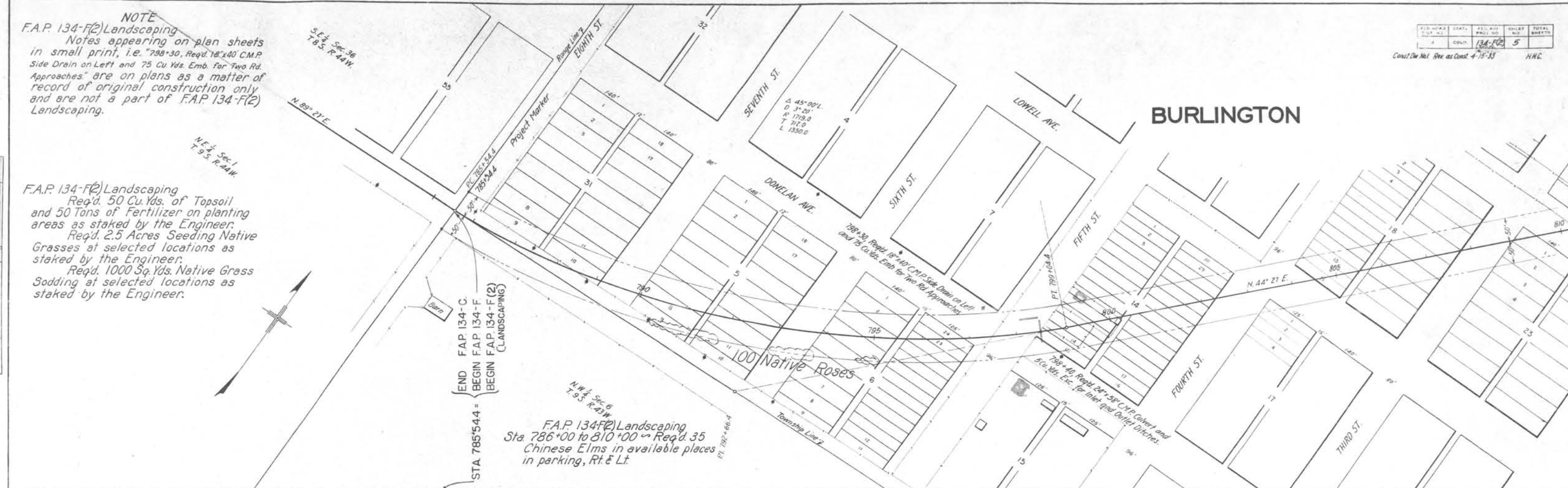
NOTE
 F.A.P. 134-F(2) Landscaping
 Notes appearing on plan sheets in small print, i.e. "798+30, Req'd. 18" x 40" C.M.P. Side Drain on Left and 75 Cu. Yds. Emb. for Two Rd. Approaches" are on plans as a matter of record of original construction only and are not a part of F.A.P. 134-F(2) Landscaping.

F.A.P. 134-F(2) Landscaping
 Req'd. 50 Cu. Yds. of Topsoil and 50 Tons of Fertilizer on planting areas as staked by the Engineer.
 Req'd. 2.5 Acres Seeding Native Grasses at selected locations as staked by the Engineer.
 Req'd. 1000 Sq. Yds. Native Grass Sodding at selected locations as staked by the Engineer.

FILE NO.	DATE	FILE NO.	DATE	TOTAL SHEETS
134-F(2)	4-15-83	5		

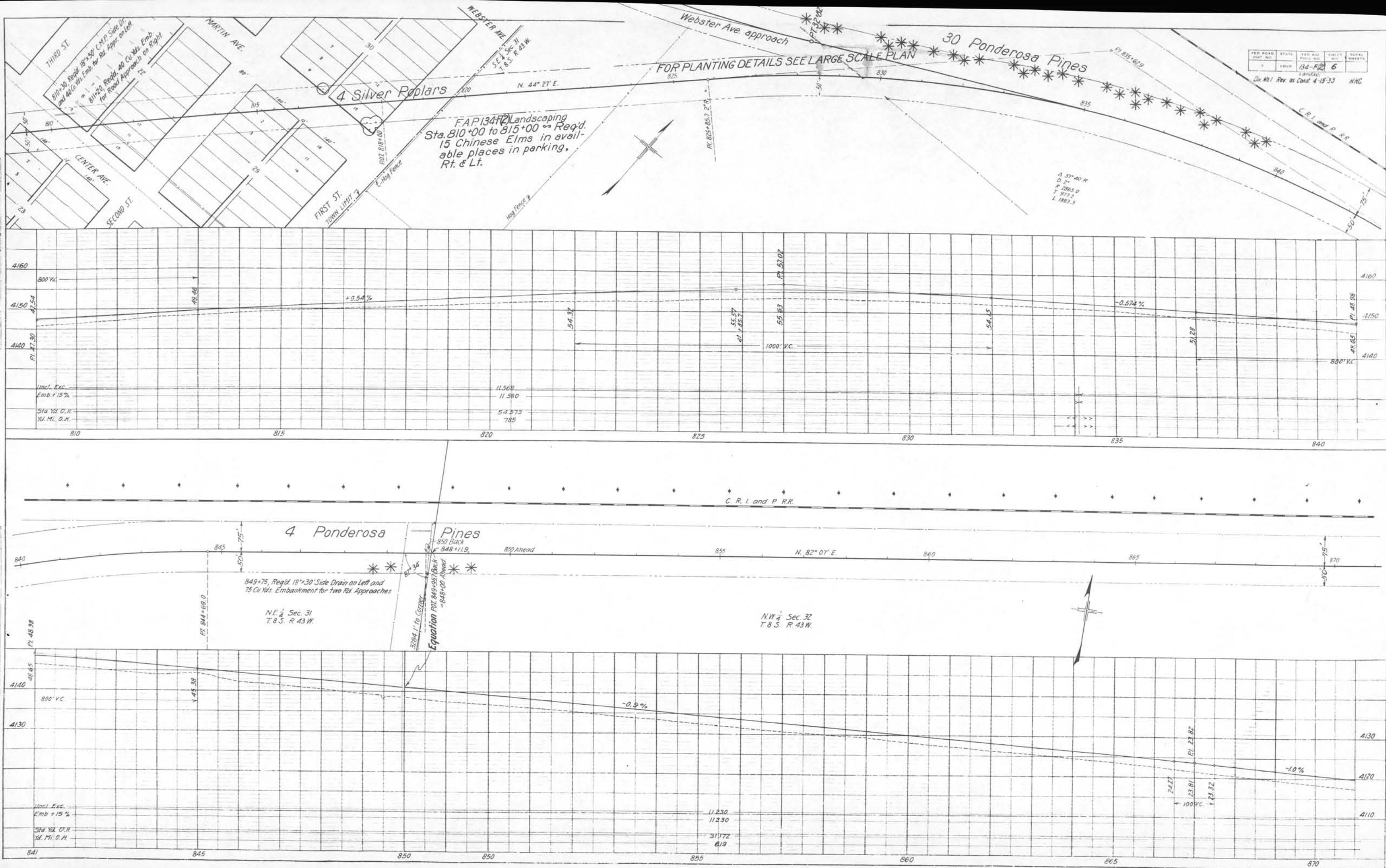
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PROFILE	DATE	BY
SUPPLIED		
PLANNED		
NOTED		
NO.		



PLAN
NOTE BOOK
ALPHABETICALLY
LIST OF ALL CHANGES

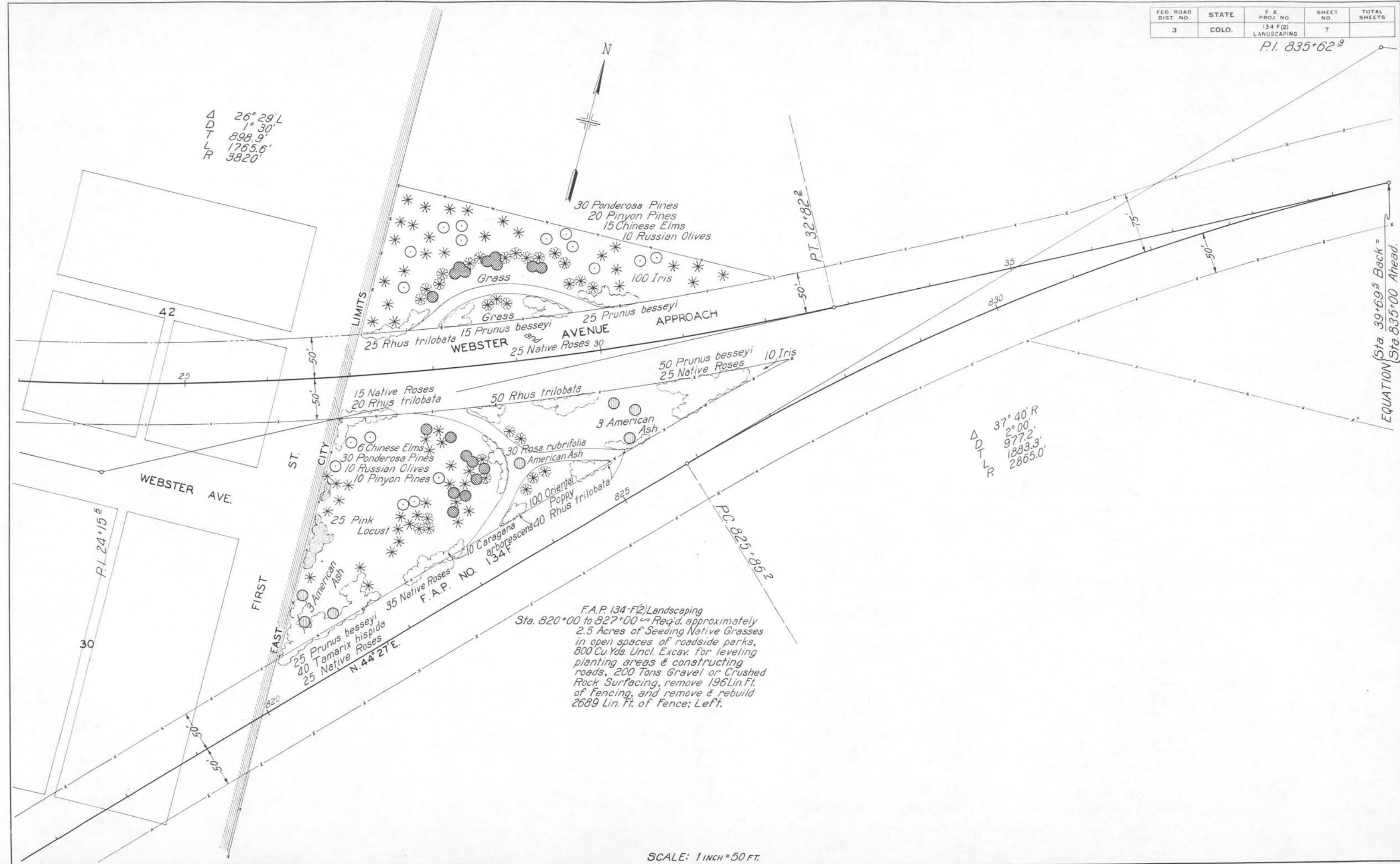
PROFILE
NOTE BOOK
ALPHABETICALLY
LIST OF ALL CHANGES



FED. ROAD DIST. NO.	STATE	F.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	134 F(2) LANDSCAPING	7	

P.I. 835+62.2

Δ 26° 29' L
D T L
R 898.9'
1765.6'
3820'



Δ 37° 40' R
D T L
R 977.2'
1883.3'
2865.0'

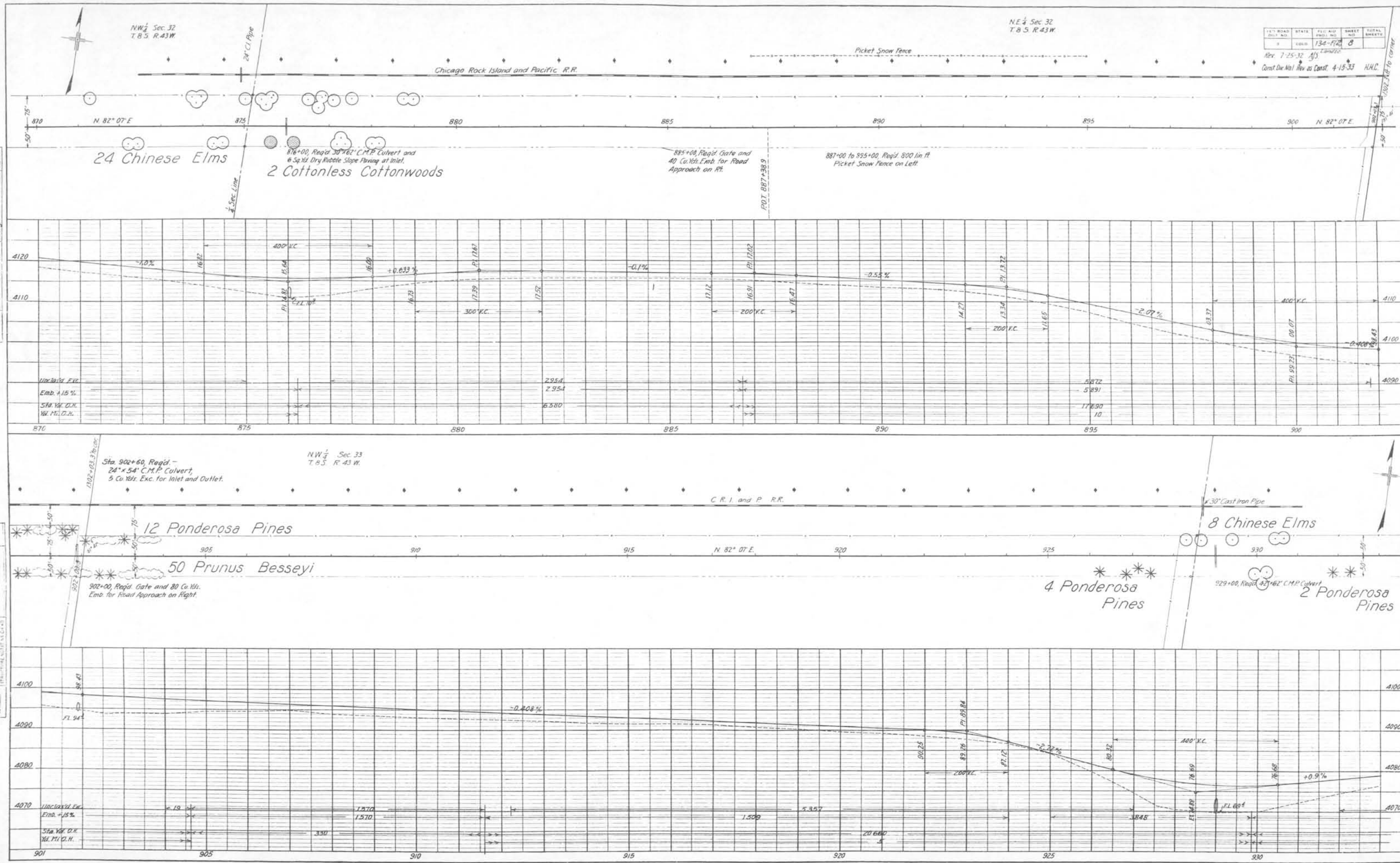
F.A.P. 134-F(2) Landscaping
Sta. 820+00 to 827+00 ~ Req'd. approximately
2.5 Acres of Seeding Native Grasses
in open spaces of roadside parks,
800 Cu. Yds. Uncl. Excav. for leveling
planting areas & constructing
roads, 200 Tons Gravel or Crushed
Rock Surfacing, remove 196 Lin. Ft.
of Fencing, and remove & rebuild
2689 Lin. Ft. of Fence; Left.

EQUATION (Sta. 39+69.2 Back =
Sta. 835+00 Ahead.

SCALE: 1 INCH = 50 FT.

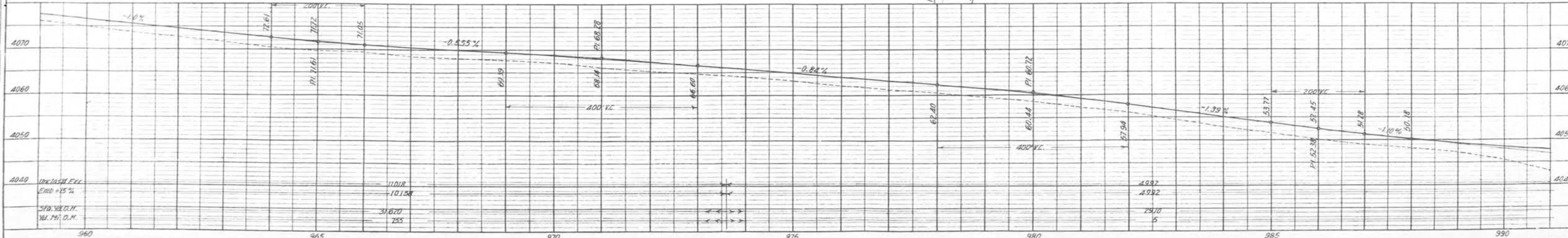
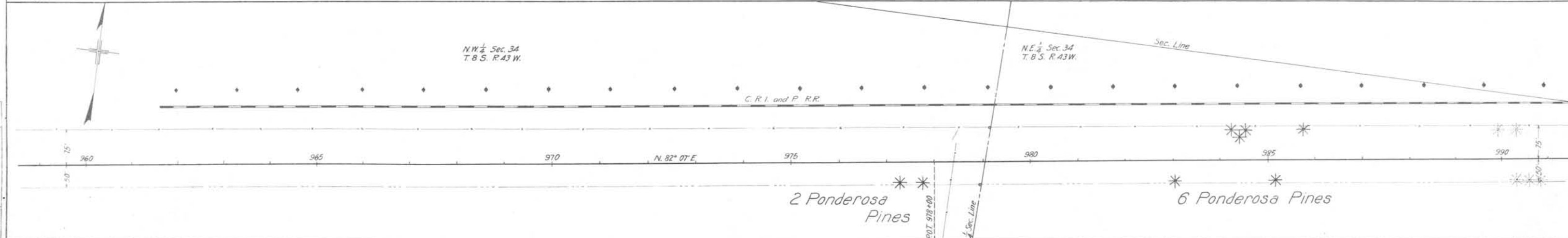
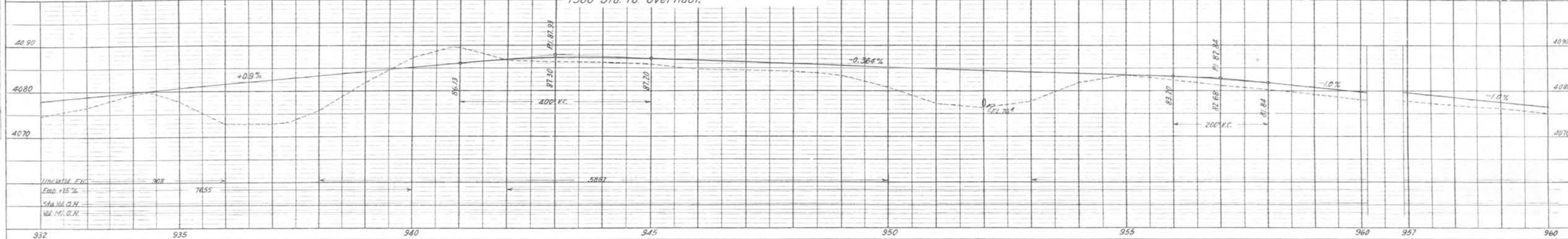
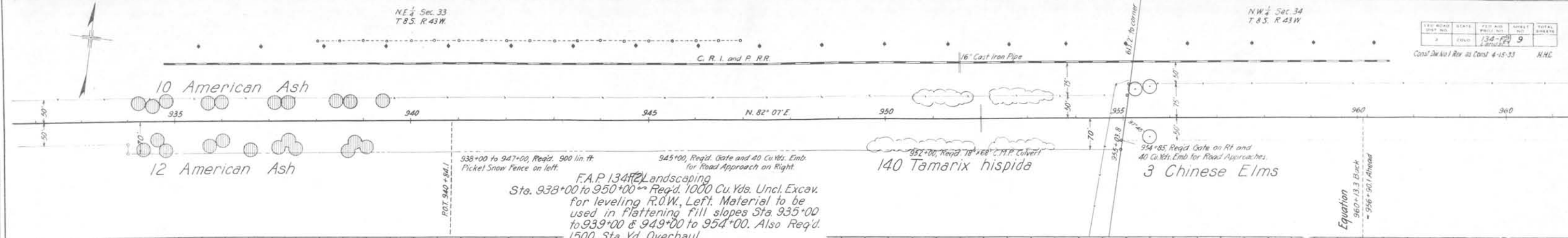
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PROFILE
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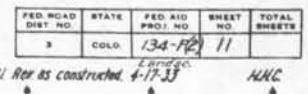


PLATE 2-PLAN-PROFILE O. P. R. & R. E. STANDARD

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NO.

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NO.

A 14° 07' L
D 5730.0
R 109.5
T 1411.7

S.W. 1/4 Sec. 30
T.8.S. R.42.W.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
134-F12	12	134-F12	12	12

Dist. No. 1 New or Const. 4-17-33 H.M.C.

PI 1117+50.1

PT 1124+52.3

1/2 Sec. Line 1139+72.7

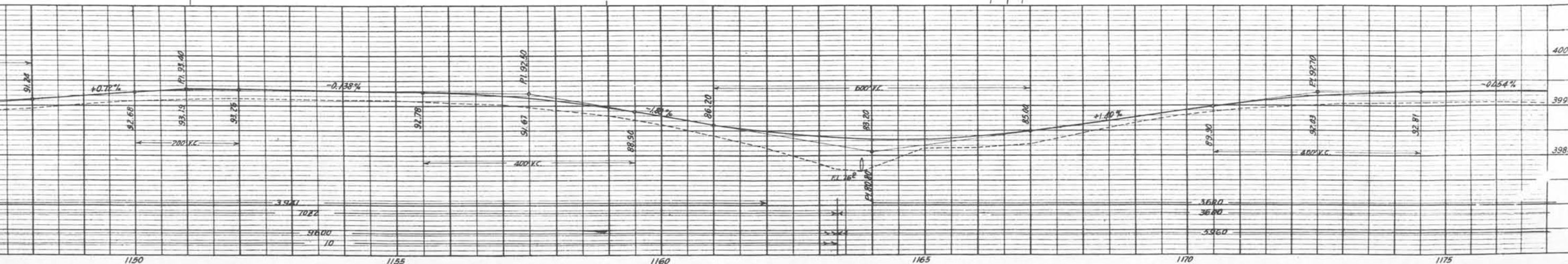
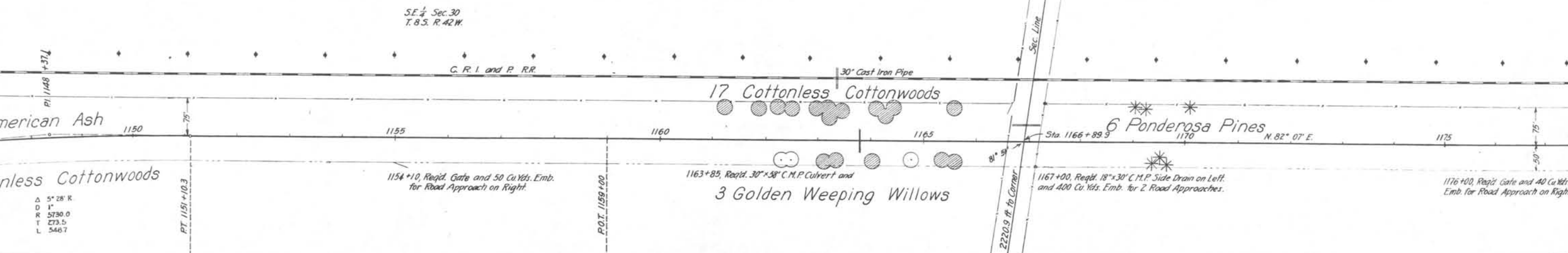
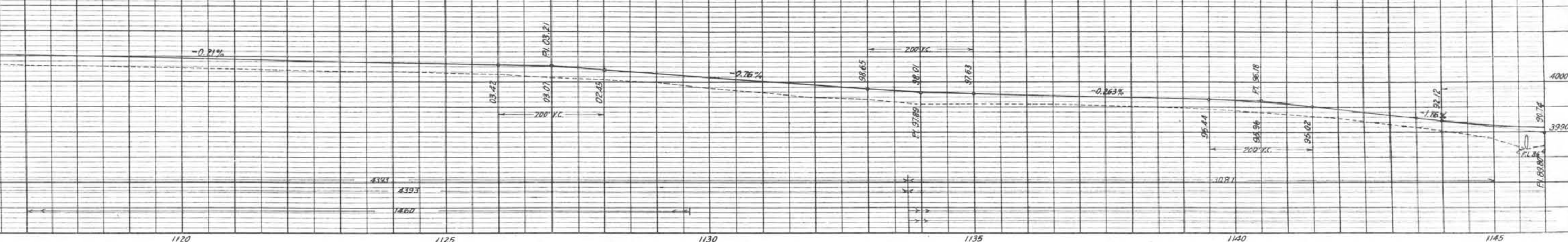
PC 1145+63.6

4 Pinyon Pines
5 Ponderosa Pines

1126+00, Road Gate and 40 Cu Yds.
Emb. for Road Approach on Right.
Also 15' x 24" C.M.P. Side Dr.

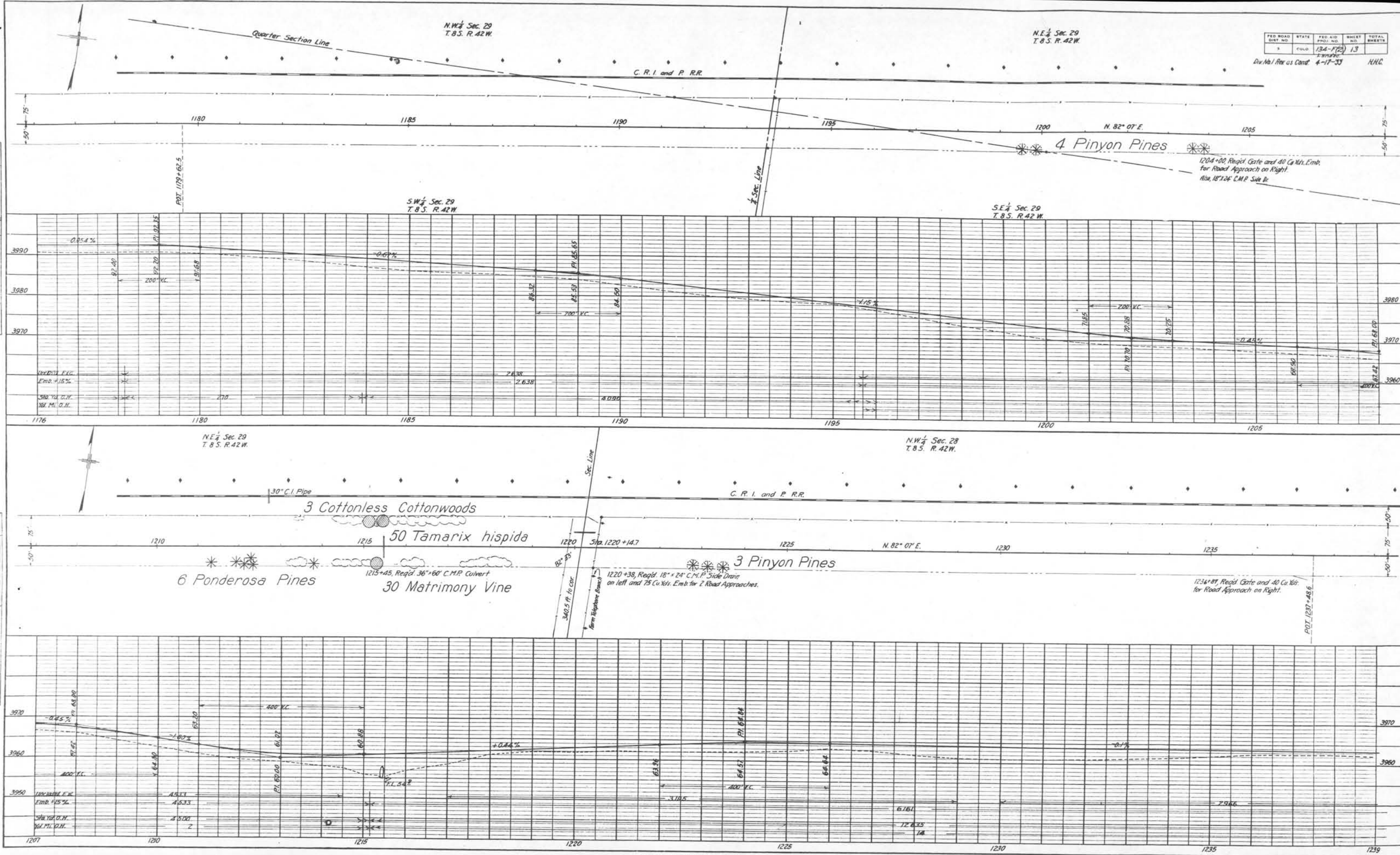
4 Russian Olives 9 Ponderosa Pines
100 Rhus trilobata
50 Native Roses

F.A.P. 134(F) Landscaping
Sta. 1139+90 to 1151+00
Uncl. Excav. for grading roadside
park area, and 100 Tons of Gravel
or Crushed Rock Surfacing for
approach roads.



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NOTES: 1. CHECKED BY: [Signature] 2. DATE: [Date] 3. [Other notes]



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 NOTE: LOOK GRADES CHECKED
 BY: M.J. NOTED
 NO. 134 F(2) 14
 STRUCTURE NOTATIONS CH NO.

PLOTTED
 NOTE: LOOK GRADES CHECKED
 BY: M.J. NOTED
 NO. 134 F(2) 14
 STRUCTURE NOTATIONS CH NO.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
134 F(2)	14	14	14	14

Dir. Adv. Rec. as Const. 4-19-33 H.C.

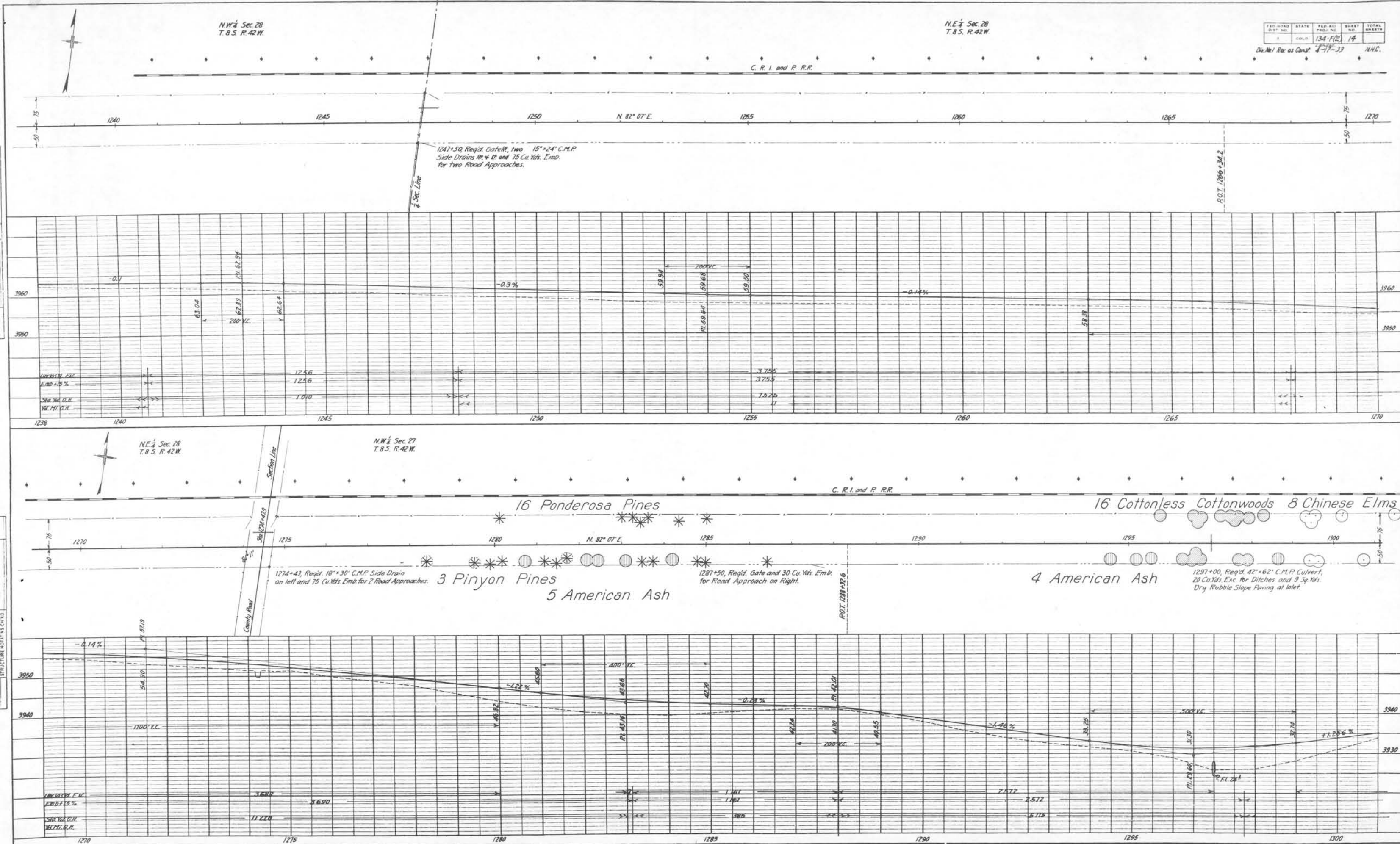


PLATE 2-PLAN-PROFILE O. P. R. & R. E.
KLUFTEL & ESSCH CO. NEW YORK.

PLAN
NOTED: BENCH ADJUSTMENT ONLY
BY G. H. H. & S. J. H.
N. 1/2

PROFILE
NOTED: BENCH ADJUSTMENT ONLY
BY G. H. H. & S. J. H.
N. 1/2

