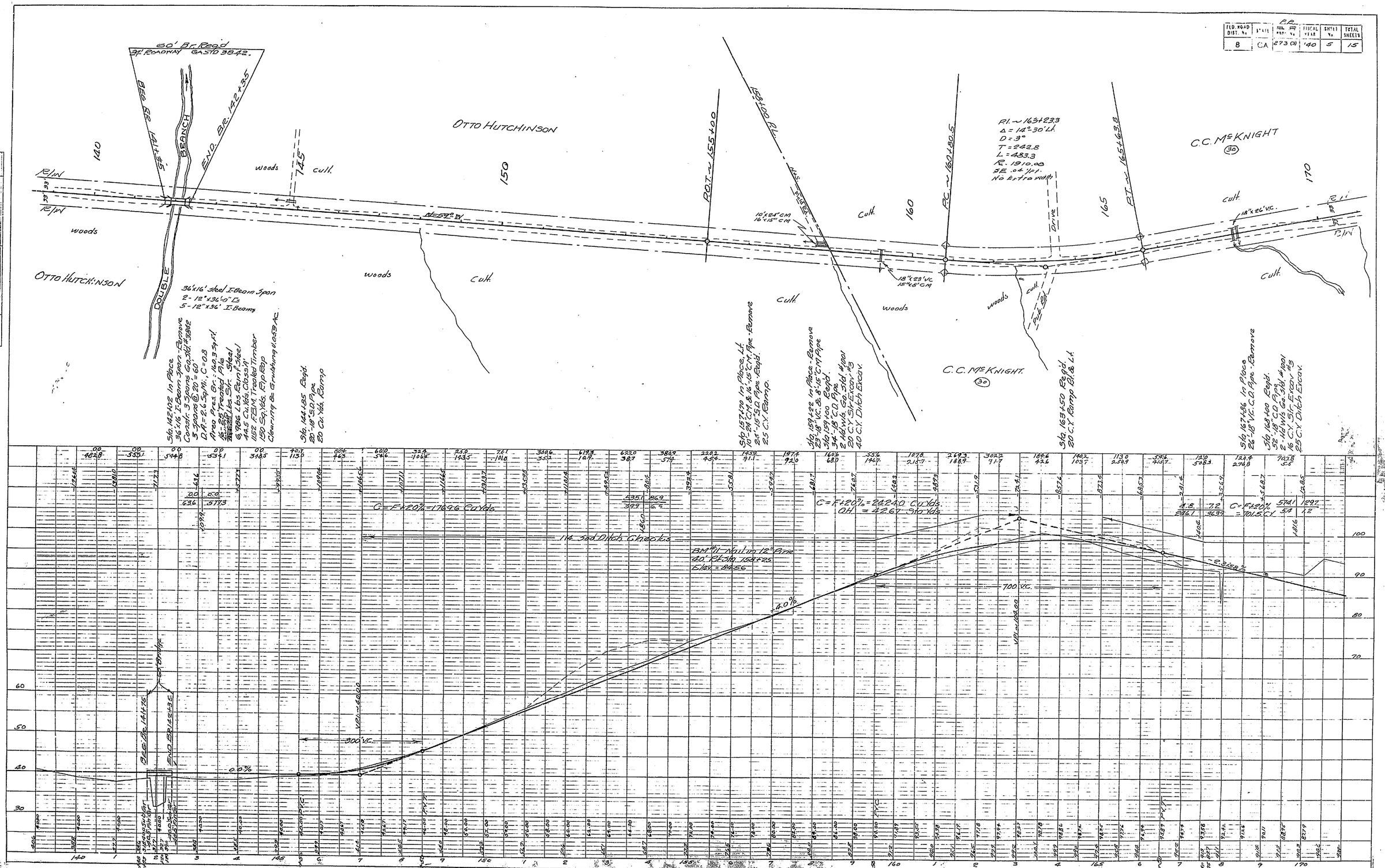

FED. ROAD DIST. No. 8
STATE CA
P.R. 273 (3)
FISCAL YEAR '40
SHEET No. 5
TOTAL SHEETS 15
60' Br. Req'd
24' ROADWAY GASTD 3842.
BEG. BR. 141+35
END. BR. 142+35
DOUBLE BRANCH
OTTO HUTCHINSON
OTTO HUTCHINSON
C.C. McKNIGHT (30)
C.C. McKNIGHT (30)
woods
cult.
P.O.T. ~ 155+00
158+00 P.L.
P.C. ~ 160+80.5
P.T. ~ 165+63.8
P.I. ~ 163+23.3
Δ = 14°-30' Lt.
D = 3°
T = 242.8
L = 483.3
R. 1910.08
SE .04 1/ft.
No Extra Width
Drive
Pub. Rd.
36'x16' Steel I-Beam Span
2 - 12"x36'-0" [
5 - 12"x36' I-Beams
Sta. 142+02 In Place
36'x16' I-Beam Span - Remove
Const. 3 Spans Go. Std. #3842
3 Spans @ 20' = 60'
D.A. = 2.6 Sq. Mi., C = 0.8
Area Pres. Br. = 160.3 Sq. Ft.
16 - 25 Treated Pile
Lbs. Str. Steel
6,986 Lbs. Rein. Steel
44.5 Cu. Yds. Class 'A'
1152 F.B.M. Treated Timber
150 Sq. Yds. Rip Rap
Clearing & Grubbing 0.053 AC
Sta. 144+85 Req'd.
20'-18" S.D. Pipe
20 Cu. Yds. Ramp
Sta. 157+70 In Place, Lt.
10'-24" C.M. & 16'-15" C.M. Pipe - Remove
24'-15" S.D. Pipe - Req'd.
25 C.Y. Ramp.
Sta. 159+22 In Place - Remove
23'-18" V.C. & 8'-15" C.M. Pipe
Sta. 159+00 Req'd.
34'-18" C.D. Pipe
2 Hd. Wls. Go. Std. #1001
20 C.Y. Slr. Excav. #3
40 C.Y. Ditch Excav.
Sta. 163+50 Req'd.
20 C.Y. Ramp Bl. & Lt.
Sta. 167+86 In Place
26'-18" V.C. C.D. Pipe - Remove
Sta. 168+00 Req'd.
52'-18" C.D. Pipe
2 - Hd. Wls. Go. Std. #1001
16 C.Y. Slr. Excav. #3
25 C.Y. Ditch Excav.
C = F + 20% = 1769.6 Cu. Yds.
C = F + 20% = 2424.0 Cu. Yds.
OH = 42.67 Sta. Yds.
C = F + 20% = 701.5 C.Y.
114 Sod Ditch Checks
BM #11 Nail in 12" Pine
40' Rt. Sta. 158+25
Elev. = 84.56
700' V.C.
300' V.C.
0.0%
4.0%
-2.3158%
PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE
PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M. NOTED
STRUCTURE NOTATIONS CH'KD
BY
DATE
PRINTED IN U.S.A.
ON 100% RAG STOCK MADE IN U.S.A.
PLATE 1 PLAN-PROFILE B.P.R. STANDARD
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