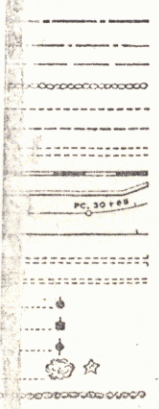


M

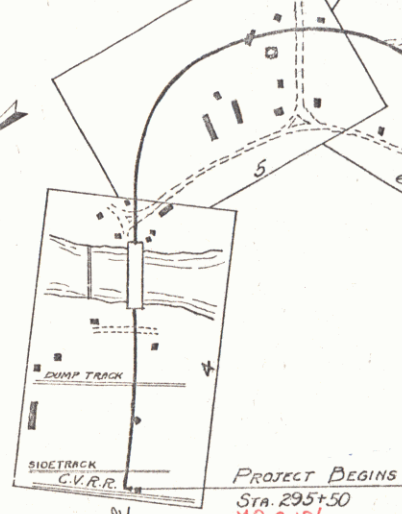
PROJECT *Bevin*
 NUMBER *MM 781*
 TYPE *24 in. Crushed Gravel M.P. Steel Beam Bridge.*
 CONTRACTOR
 LOCATION *Railroad Crossing at Swanton Isabella*
 0.407 Mi.
 YEAR 19*33*
 LENGTH *0.377* MI

CONVENTIONAL SIGNS



GROUND ELEVATION..... DATUM $\frac{1}{8}$ " LINE
 GRADE ELEVATION..... DATUM $\frac{1}{8}$ " LINE

CURVE DATA
 DEFLECTION ANGLE Δ
 DEGREE OF CURVE D.
 RADIUS OF CURVE R.
 TANGENT DISTANCE T.
 LENGTH OF CURVE L.
 EXTERNAL DISTANCE E.
 POINT OF INTERSECTION P. I.
 POINT OF CURVE P. C.
 POINT OF TANGENT P. T.
 POINT ON TANGENT P. O. T.



PROJECT BEGINS
 Sta. 295+50
 MP 2.106

THESE PLANS ARE SUBMITTED FOR THE RECORD AND MAY BE REQUIRED BY THE COMMISSIONER OF HIGHWAYS. CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE STANDARD ROAD AND BRIDGE PROVISIONS AS ARE SUBMITTED.

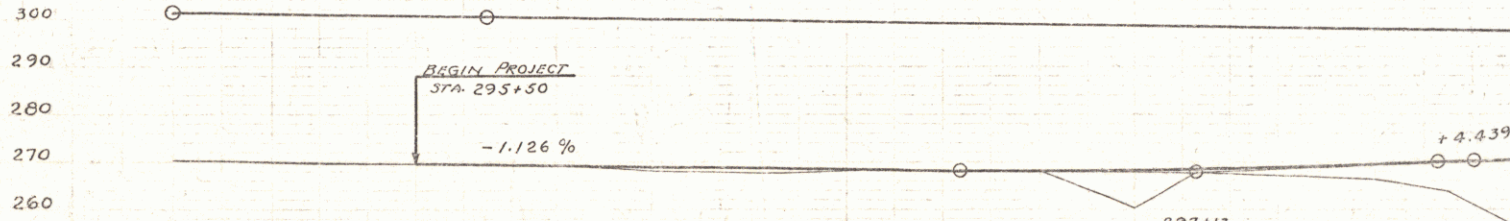
TITLE PAGE
 PLAN SHEET
 PROFILE
 CROSS SECTION

MILEAGE SHEET

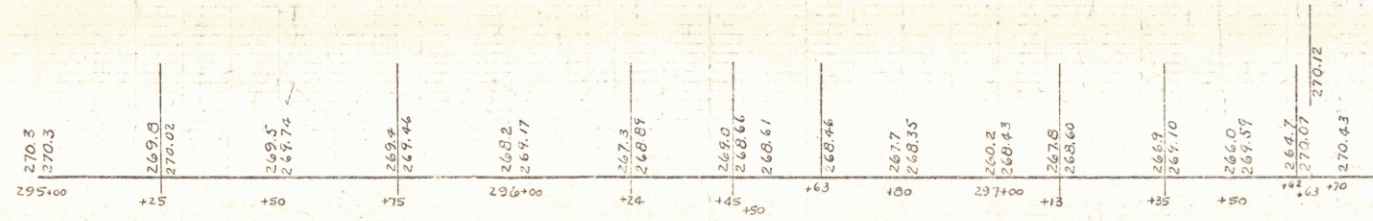
~~NOTE:
GRAVEL USED FOR FINISHED SURFACE OF ALL SIDE
ROADS AND DRIVES TO BE PAID FOR UNDER UNIT
PRICE BID FOR GRAVEL SUB-BASE.~~

~~ALL TRAFFIC TO BE MAINTAINED OVER PRESENT WOODEN BRIDGE AND
PRESENT ROAD; AND IF FOUND NECESSARY IN THE CONSTRUCTION, SIDEWALK
BRACKETS AND SIDEWALK TO BE BUILT AFTER TRAFFIC IS BEING MAINTAINED
OVER NEW STRUCTURE AND AFTER REMOVAL OF PRESENT WOODEN BRIDGE.~~

FUTURE IMPROVEMENT
295+00
V.C. 1300'
301.00



BM.#23 Cor. foundation Wiquay Sig. Tower Lt. Sta. 295+00 El. 271.16
BM.#24 14" Elm Lt. Sta. 298+80 El. 263.47



WATER PIPE RELOCATION

NON-GOVERNMENT PARTICIPATION

Lump Sum Bid for relocating water pipe at Sta. 303+25 shall include relocating of water pipe as shown on Plans or as directed by Engineer in the Field, such that existing pipe shall be at least 36" below the lowest point in existing ground or be the lowest point in new construction on the location. It shall include placing new pipe inside a new 2 1/2" Galvanized water pipe across the limits of the right-of-way, and shall include construction of a standard shut off valve at the right of the right-of-way and also include connecting new or relocated pipe with additional pipe, as found necessary, to the present pipe at either side of the right-of-way.
 Lump Sum Bid to include all work and materials necessary to perform the work outlined above including all excavating and backfilling.

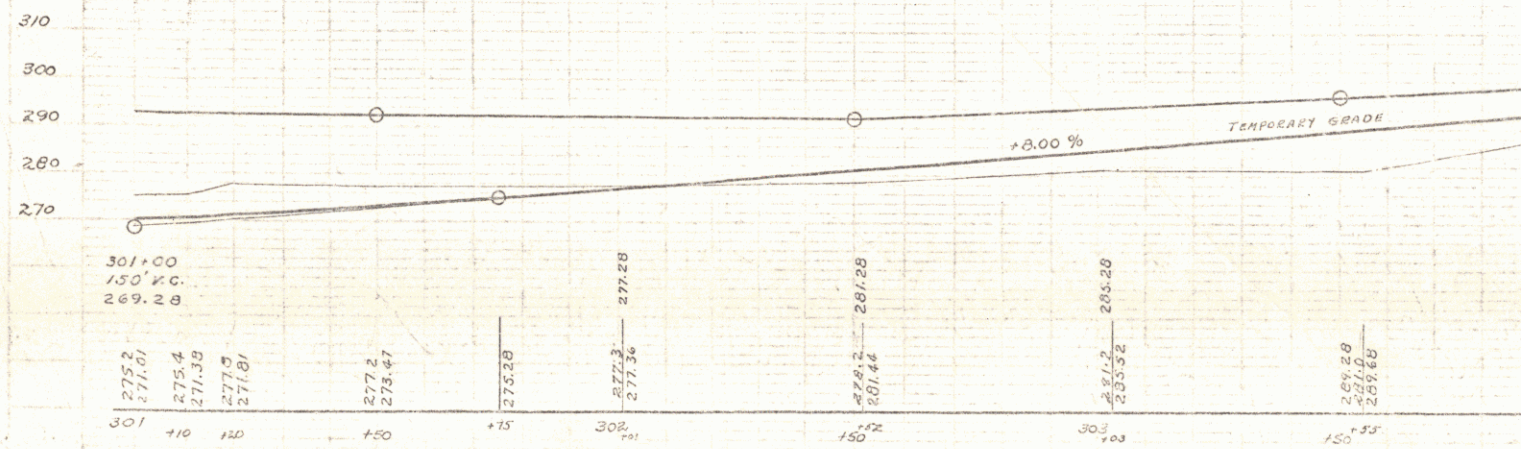
BM #25
 El. 277.35

BURNHAM
 GALL

BM #25 12" Elm Rt. Sta 301+0 El. 277.35
 BM #26A 18" Willow Lt. Sta. 305+10 El. 304.26

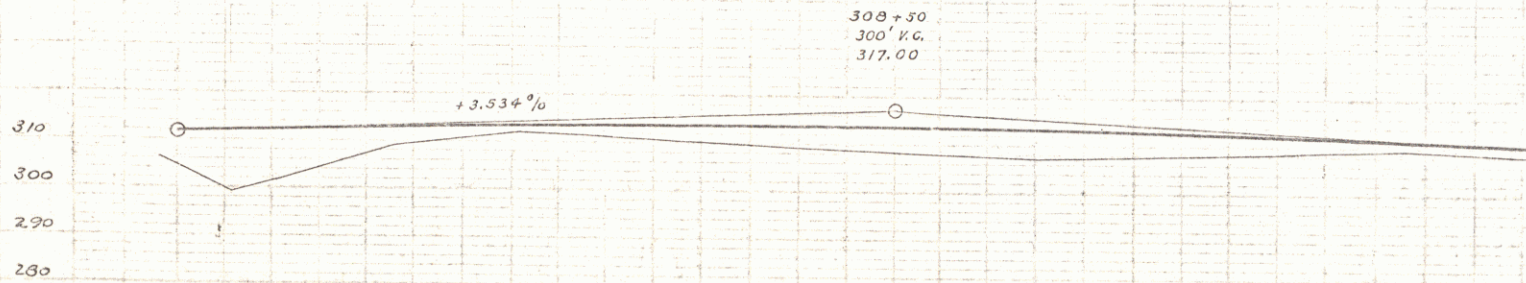
FUTURE IMPROVEMENT

302+50
 V.C. 200'
 292.00



PUTNAM
BALL

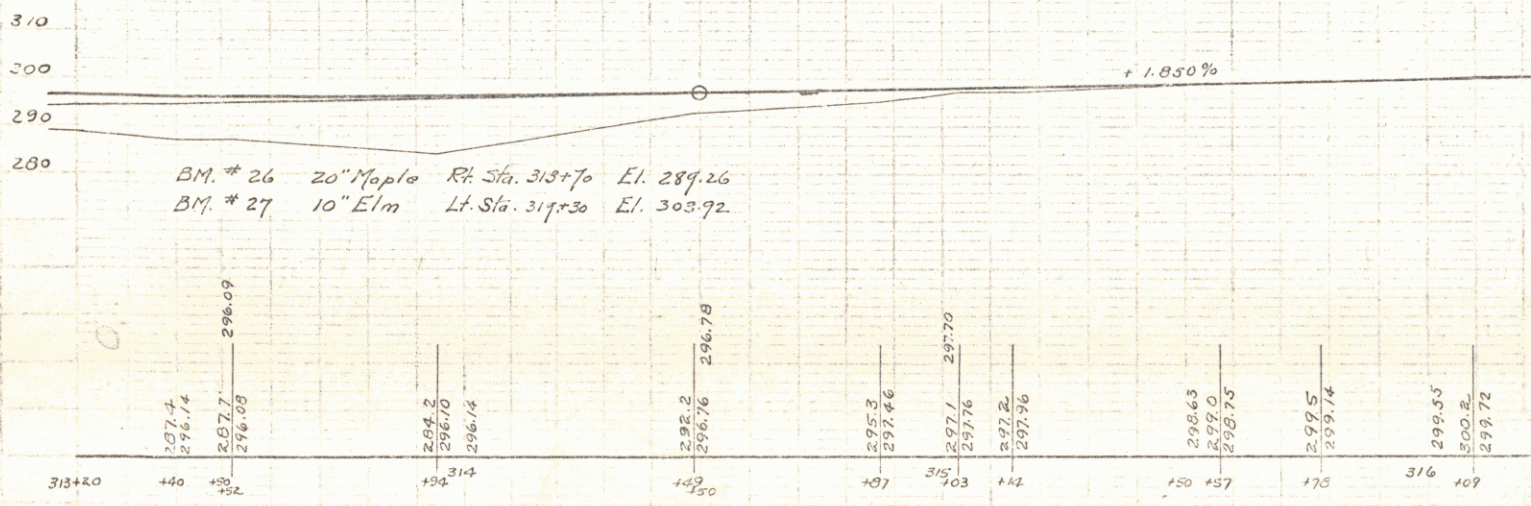
DATE: 1915
BY: [illegible]
PROJECT: [illegible]



BM # 27A 18" Cherry Lt. 309+30 El. 309.15

Station	Backsight	Intermediate	Foresight	Height of Instrument	Elevation
307	306.3	311.56	311.70		
+11	299.4	312.07			
+21	307.7	312.58			
+46	309.3	313.02	313.10		
+71	311.0	313.49			
+86	310.8	313.68			
308	313.79				
+27	309.2	313.87			
+50	313.76				
+80	307.4	313.90			
309	313.00				
+31	308.5	312.18			
+56	311.53	309.8	311.30		

100%
 PUTNAM
 GALL



END PR
 STA. 31

BURNHAM
GALL

330
320
310
300

+ 5.472 %

309 400
VC 300'
322, 26

307

297.3

301.9

307.8

311.1

311.2

309.6

310.7

306.9

309.2

11

121

146 +50

171

186

308

122

+50

173

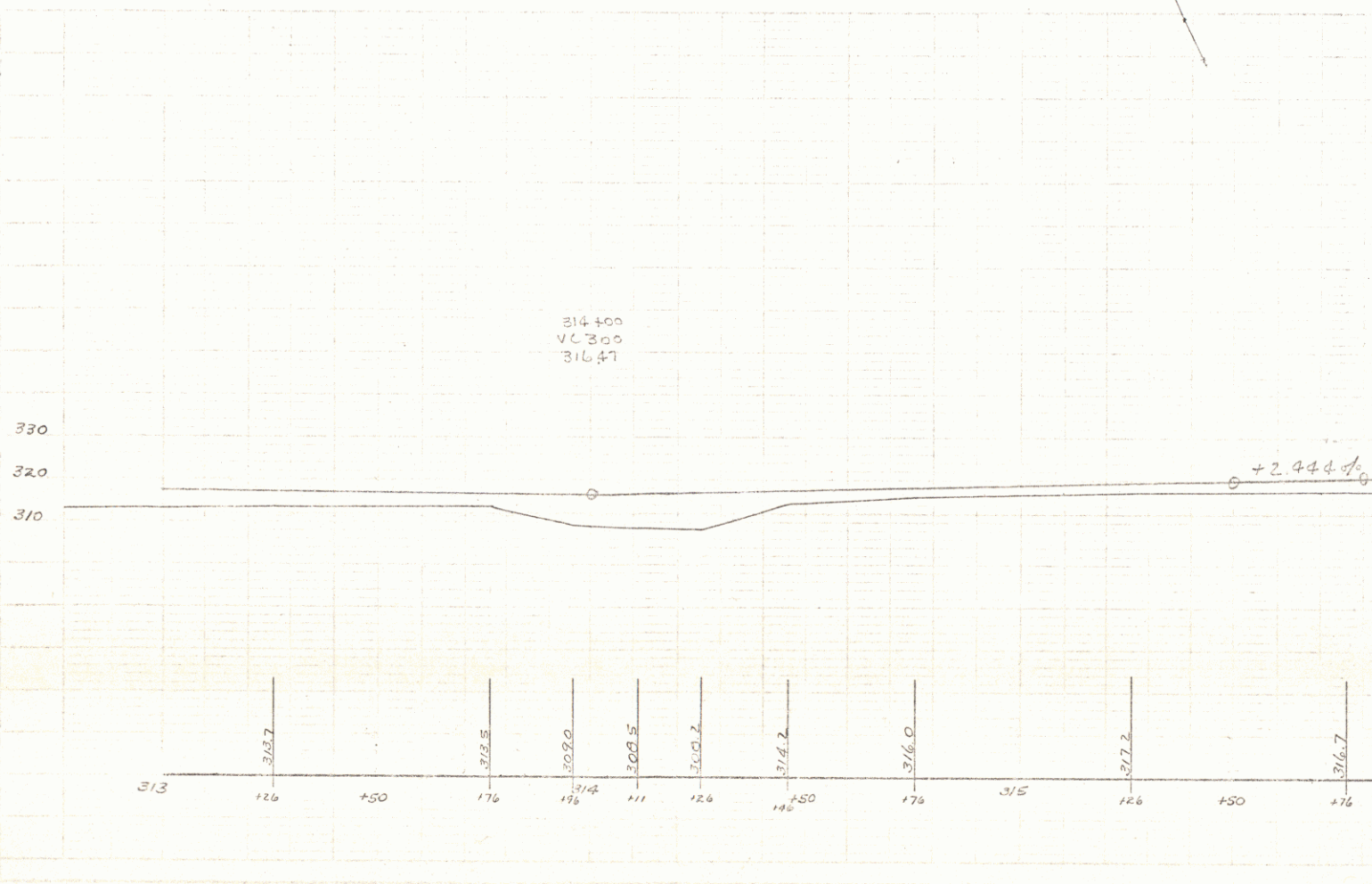
309

125

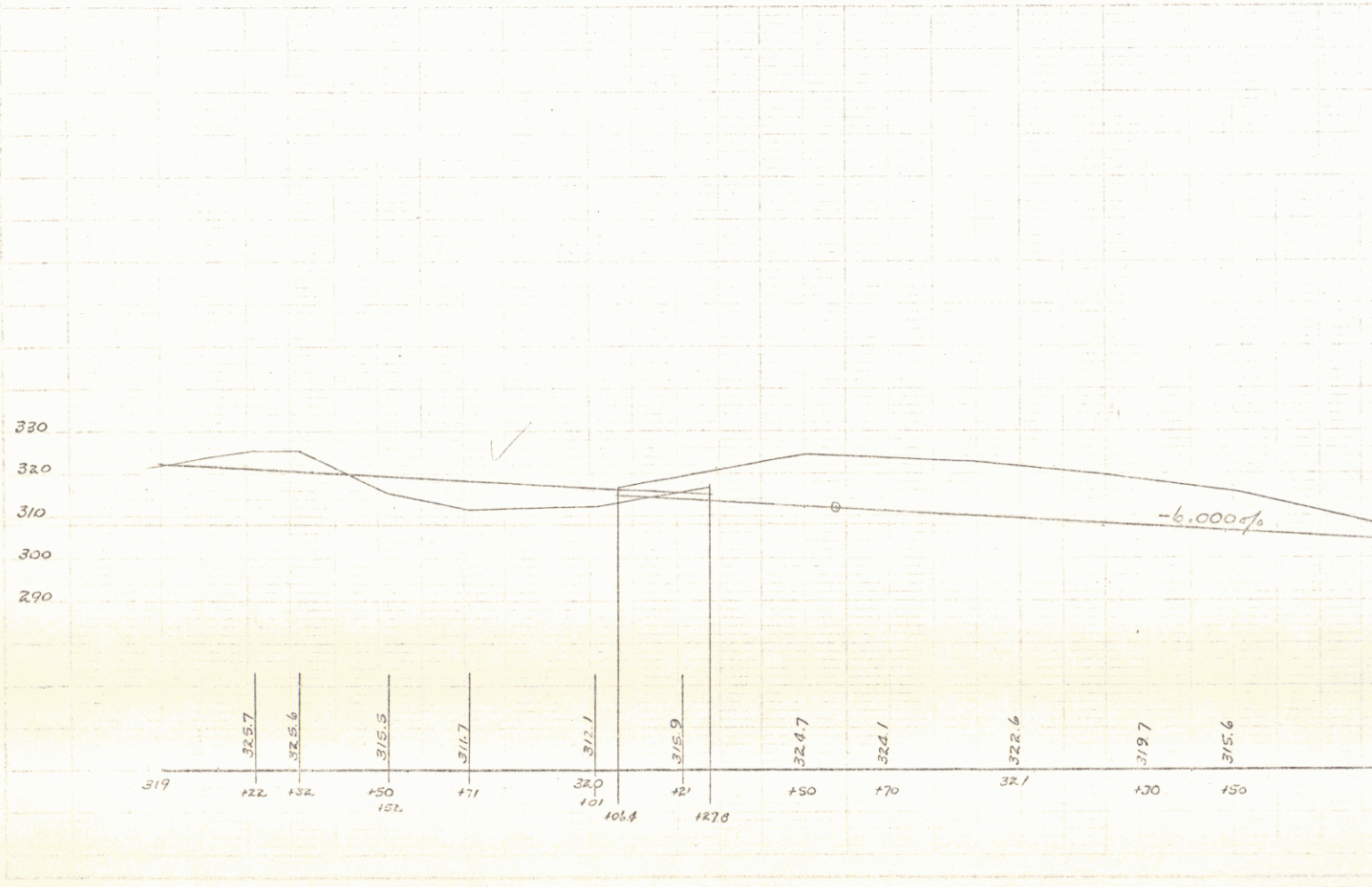
+50

176

PITMAN
BALL



PUTNAM
BALL



Putnam
Hall

325+50
V.C. 200
290.10

300
290

+1.597%

292.4
325

292.1
+50

292.2
326

292.2
+33

292.4
+40

292.4
+50

292.9
327

293.00
+35

293.17
+50