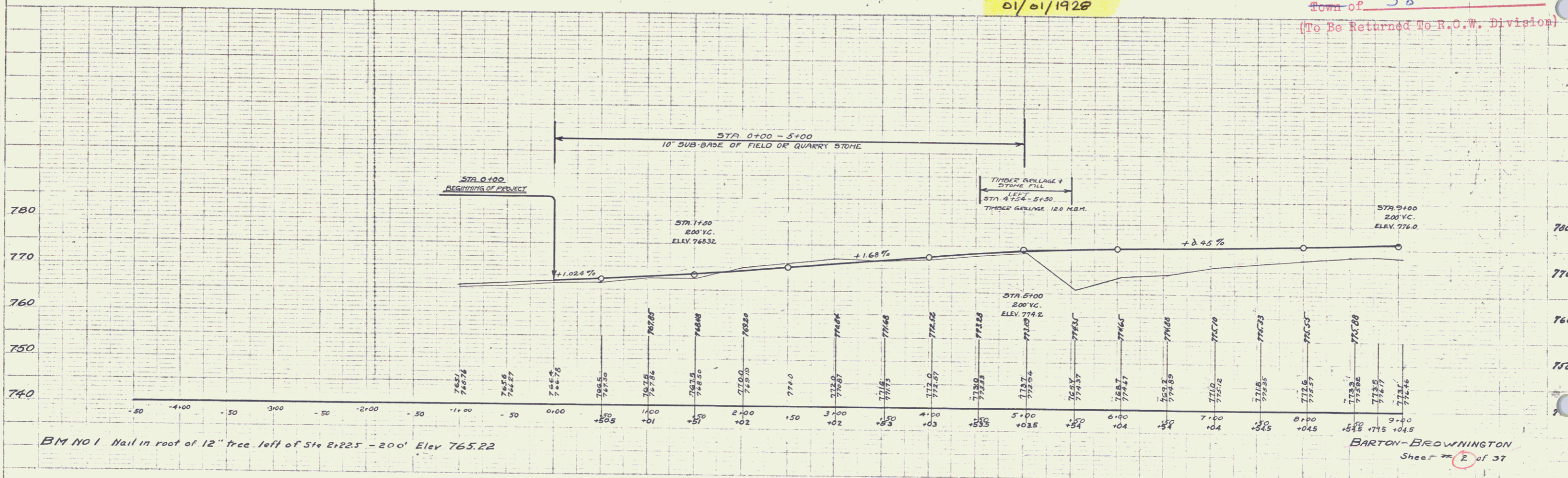
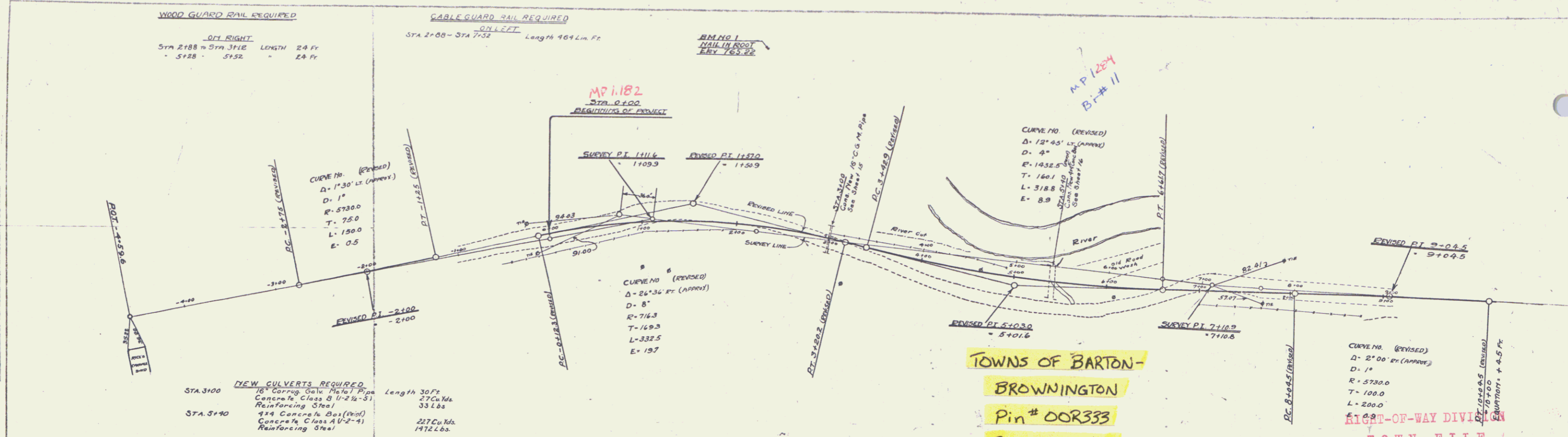


1928

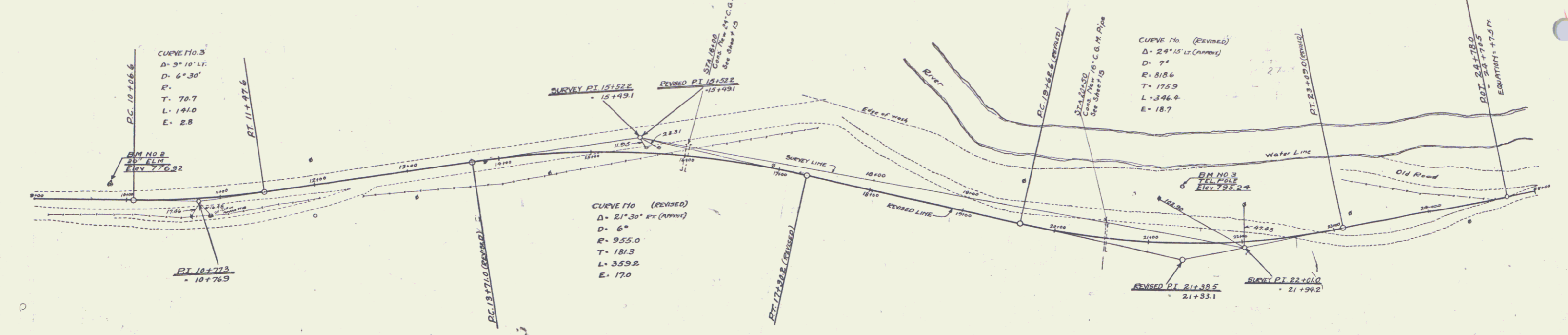
BARTON - BROWNINGTON



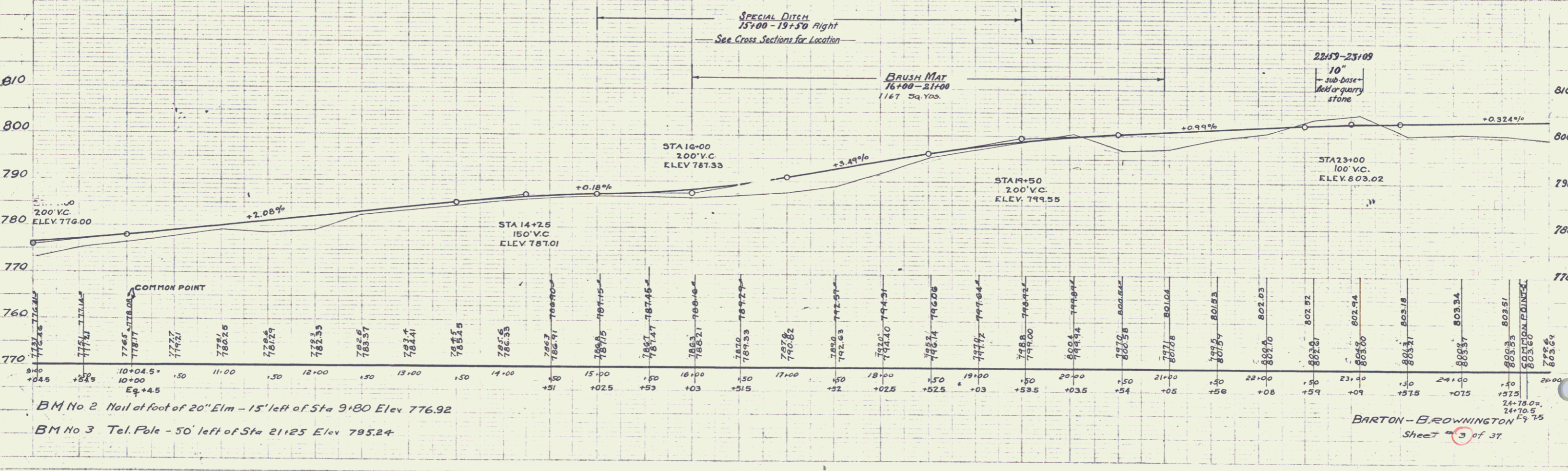
CABLE GUARD RAIL REQUIRED
 STA 24+05 - STA 25+00 Length 95 Lin Ft

WOOD GUARD RAIL REQUIRED
ON LEFT
 STA 15+88 TO STA 16+18 LENGTH 30 Ft
 20+38 - 20+62 - 24 Ft
ON RIGHT
 STA 15+88 TO STA 16+12 LENGTH 24 Ft
 20+38 - 20+62 - 24 Ft

NEW CULVERTS REQUIRED
 STA 18+00 24" Corrug. Galv. Metal Pipe Length 30 Ft
 Concrete Class A (U-2-4) 26 Cu Yds
 Reinforcing Steel 59 Lbs
 STA 20+30 18" Corrug. Galv. Metal Pipe Length 30 Ft
 Concrete Class B (U-2-4-3) 27 Cu Yds
 Reinforcing Steel 35 Lbs

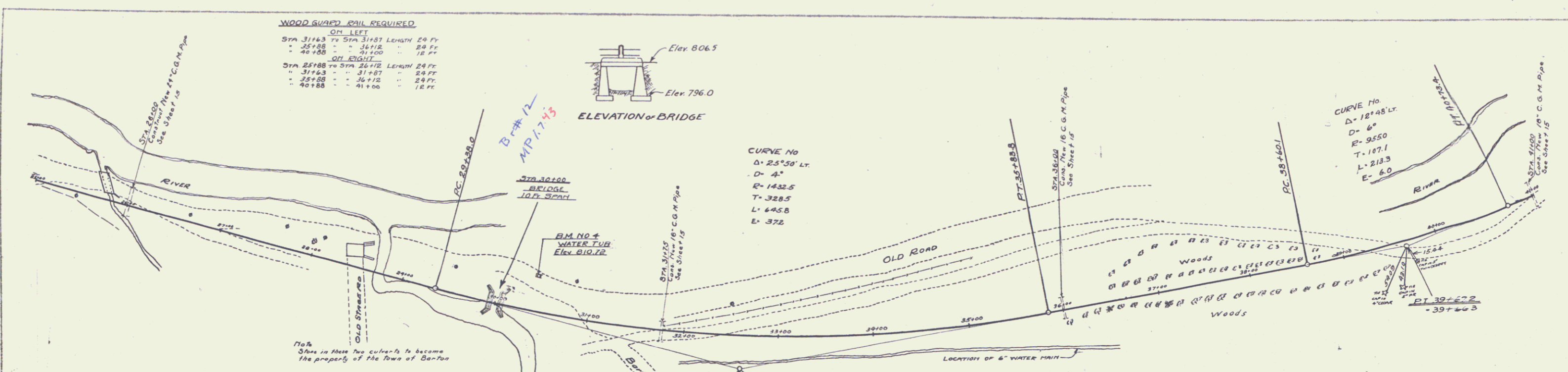


Brush mat to be constructed in locations as shown on plans or as directed by the Engineer. This mat to be constructed of brush and small trees of such sizes and quality as to meet the approval of the Engineer. The depth of this mat shall be sufficient to adequately provide a mat that will prevent the fill from penetrating into the sub-soil. The entire brush mat to be approved by the Engineer before placing of any fill on the same, and the unit price bid for this item is to include furnishing and placing of raw material and labor and expense incidental thereto.



BM No 2 Nail at foot of 20" Elm - 15' left of Sta 9+80 Elev 776.92
 BM No 3 Tel. Pole - 50' left of Sta 21+25 Elev 795.24

BARTON-BROWNINGTON
 Sheet 3 of 37

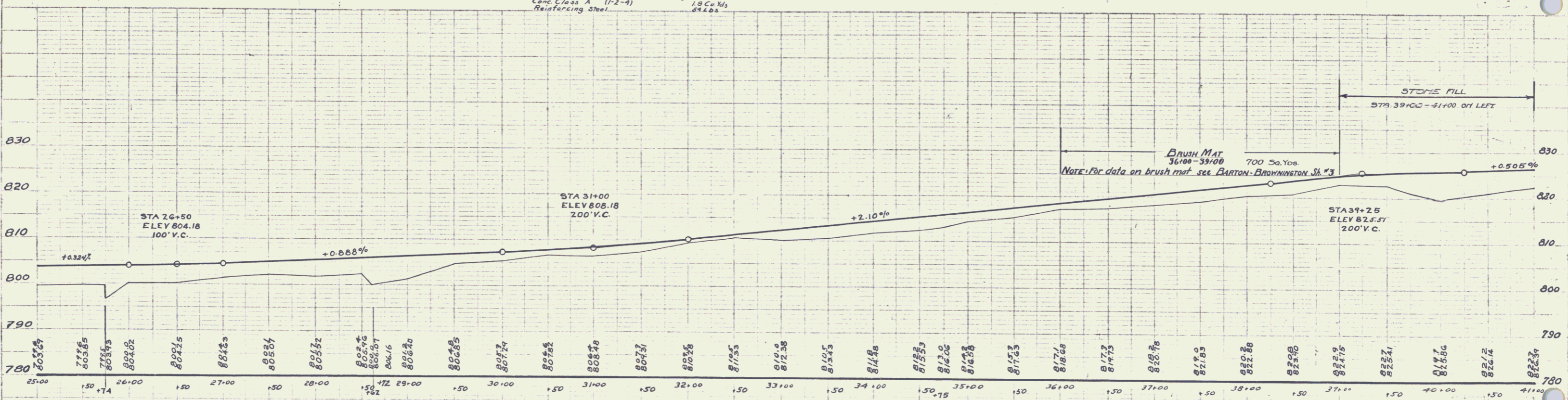


CABLE GUARD RAIL REQUIRED
 ON LEFT
 STA 29+00 - STA 29+25 Length 25 Lin Ft
 STA 29+25 - STA 30+35 Length 10 Lin Ft
 ON RIGHT
 STA 29+71 - STA 30+35 Length 64 Lin Ft

NEW CULVERTS REQUIRED
 STA 26+00 24" Corrug. Galv. Metal Pipe Length 36 Ft
 Concrete Class A U-2-41 2.6 Cu Yds
 Reinforcing Steel 34 Lbs
 STA 31+75 16" Corrug. Galv. Metal Pipe Length 26 Ft
 Concrete Class B U-2-4-51 2.7 Cu Yds
 Reinforcing Steel 33 Lbs
 STA 38+00 18" Corrug. Galv. Metal Pipe Length 20 Ft
 Concrete Class B U-2-4-51 2.7 Cu Yds
 Reinforcing Steel 33 Lbs
 STA 41+00 18" Corrug. Galv. Metal Pipe Length 30 Ft
 Concrete Class A U-2-4-1 1.8 Cu Yds
 Reinforcing Steel 64 Lbs

Sheets used for this bridge:-
 Sheet 9 S.A.G.-5 Square-10 High
 Sheet 10 S.L.B.20-10 5pan

ESTIMATED QUANTITIES	
Structure Excavation	400 Cu Yds
Class A Concrete (1-2-5)	13.0 Cu Yds
Class B Concrete (1-2-4)	17.4 Cu Yds
Reinforcing Steel	2350 Lbs
Channel Excavation	290 Cu Yds



BM No 4 On old riv. steel water tube - 33' left of Sta 31+35 Elev 810.71

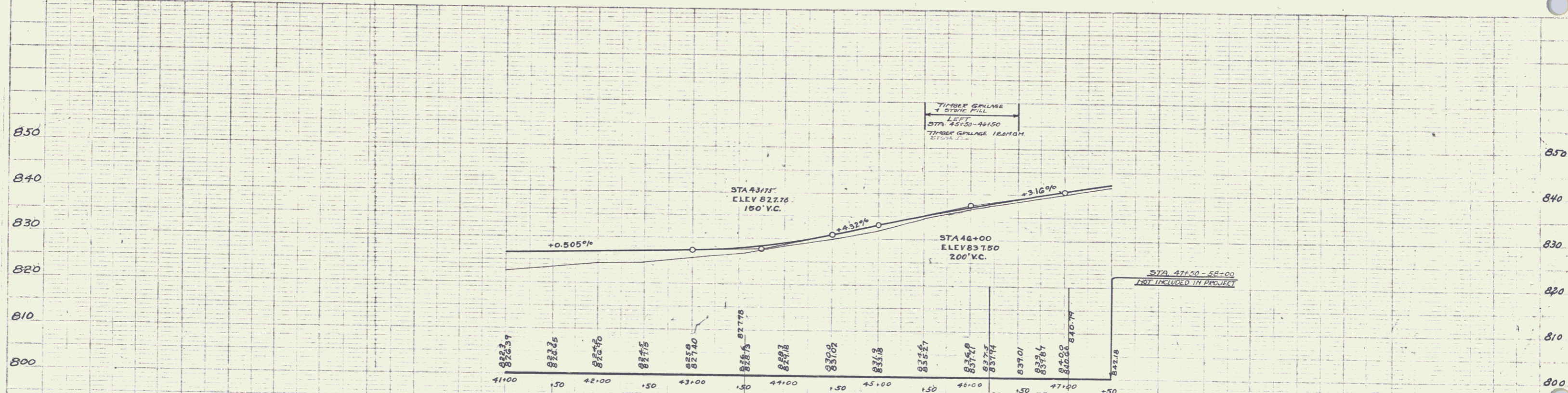
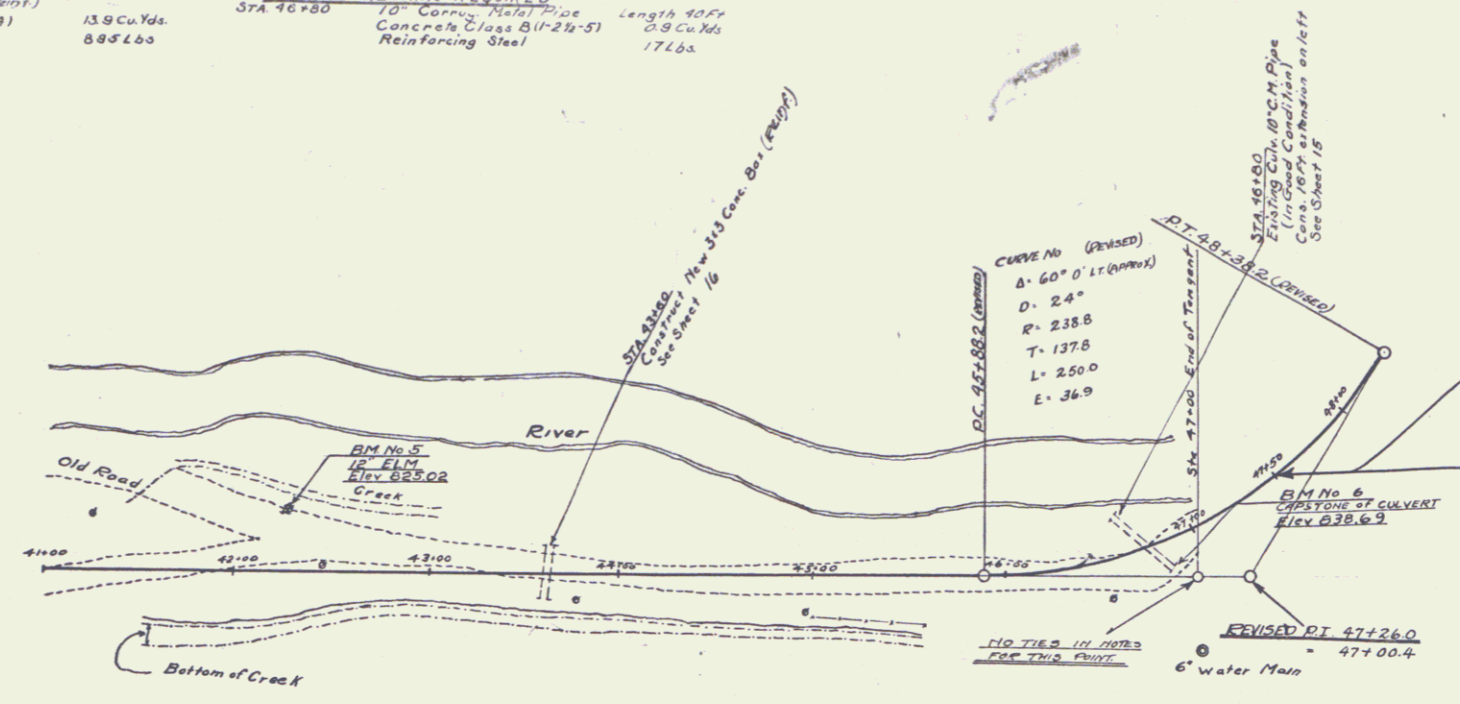
BARTON-BROWNINGTON
 Sheet # 4 of 37

WOOD GUARD RAIL REQUIRED
ON LEFT
 STA 43+48 TO STA 43+72 LENGTH 24 FT
 " 41+00 " " 41+12 " 12 FT
ON RIGHT
 STA 43+48 TO STA 45+72 LENGTH 24 FT
 " 46+72 " " 46+90 " 18 FT
 " 41+00 " " 41+12 " 12 FT

CABLE GUARD RAIL REQUIRED
ON LEFT
 STA 45+00 TO STA 47+50 Long M 250 Lin. Ft.

NEW CULVERTS REQUIRED
 STA 43+60
 373 Concrete Box (Elev) 13.9 Cu Yds
 Concrete Class A (1-2-4) Reinforcing Steel 885 Lbs

CULVERT REPAIRS REQUIRED
 STA 46+80
 10' Corrug. Metal Pipe Length 40 FT
 Concrete Class B (1-2 1/2-5) Reinforcing Steel 0.9 Cu Yds 17 Lbs



BM No 5 Horiz. nail in 12" Elm - 30' left of Sta 42+25 Elev 825.02
 BM No 6 On Capstone of 10" C.M.P. Culv. Inlet Endwall 3' Right of tangent at Sta. 46+90 Elev 838.69

DATE: _____
 BY: _____
 PLAN
 ROUTED
 ALIGNED
 CHECKED
 NOTE BOOK
 NO. _____

DATE: _____
 BY: _____
 PROFILE
 ROUTED
 GAUGE
 CHECKED
 STRUCTURE
 NOTE BOOK
 NO. _____

WOOD GUARD RAIL REQUIRED
 ON LEFT
 Sta. 59+88 To Sta. 59+62 Length 24 FT
 73+93 To Sta. 74+00 Length 7 FT
 ON RIGHT
 Sta. 59+38 To Sta. 59+62 Length 24 FT
 73+15 To Sta. 73+85 Length 70 FT
 73+93 To Sta. 74+00 Length 7 FT
 69+88 To Sta. 69+12 Length 24 FT
 69+18 To Sta. 69+12 Length 6 FT
 68+88 To Sta. 69+12 Length 24 FT

New Culverts
 Sta. 59+30 16" Corrug. Metal Pipe Length 31' Concrete Class B 3.1 Cu Yds. Reinforcing Steel 33 Lbs.
 Sta. 62+30 16" Corrug. Metal Pipe Length 18' Concrete Class B 1.5 Cu Yds. Reinforcing Steel 16 Lbs.
 Sta. 65+00 16" Corrug. Metal Pipe Length 34' Concrete Class B 1.5 Cu Yds. Reinforcing Steel 17 Lbs.
 Sta. 67+60 18" Corrug. Metal Pipe Length 38' Concrete Class A 0.9 Cu Yds. Concrete Class B 1.5 Cu Yds. Reinforcing Steel 43 Lbs.

Box Culvert + COU Pass
 Sta. 71+35 4x5 Concrete Box (Reinf) Concrete Class A 36.5 Cu Yds. Reinforcing Steel 1718 Lbs.

New Culverts
 Sta. 69+00 18" Corrug. Metal Pipe Length 64 FT Concrete Class A 0.9 Cu Yds. Concrete Class B 1.5 Cu Yds. Reinforcing Steel 43 Lbs.
 Sta. 70+57 34" Corrug. Metal Pipe Length 48 FT Concrete Class A 2.6 Cu Yds. Reinforcing Steel 34 Lbs.
 Sta. 71+00 18" Corrug. Metal Pipe Length 30 FT Concrete Class A 2.0 Cu Yds. Reinforcing Steel 34 Lbs.

