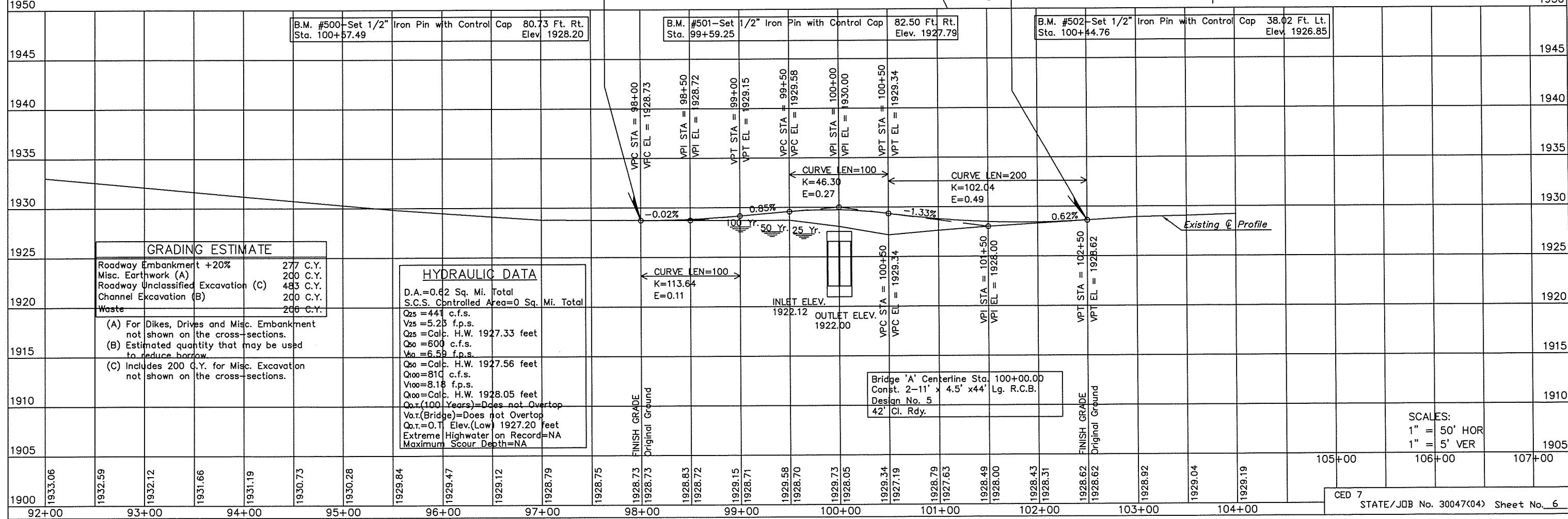
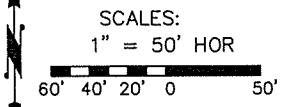


NOTE: CONTRACTOR SHALL MEET & MATCH EXISTING ROADWAY & DITCHES AT BEGINNING & END OF PROJECT

From 1/4 Section Line to Section Line is 2,645.97'

NOTE: Bench Marks are based on the Section Line.

NOTE: All Right-of-Way dimensioned from Section Line



GRADING ESTIMATE

Roadway Embankment +20%	277 C.Y.
Misc. Earthwork (A)	200 C.Y.
Roadway Unclassified Excavation (C)	483 C.Y.
Channel Excavation (B)	200 C.Y.
Waste	266 C.Y.

- (A) For Dikes, Drives and Misc. Embankment not shown on the cross-sections.
- (B) Estimated quantity that may be used to reduce borrow.
- (C) Includes 200 C.Y. for Misc. Excavation not shown on the cross-sections.

HYDRAULIC DATA

D.A.=0.62 Sq. Mi. Total
 S.C.S. Controlled Area=0 Sq. Mi. Total

Q₂₅ = 441 c.f.s.
 V₂₅ = 5.23 f.p.s.
 Q₅₀ = Calc. H.W. 1927.33 feet
 Q₅₀ = 600 c.f.s.
 V₅₀ = 6.59 f.p.s.

Q₁₀₀ = Calc. H.W. 1927.56 feet
 Q₁₀₀ = 810 c.f.s.
 V₁₀₀ = 8.18 f.p.s.
 Q₁₀₀ = Calc. H.W. 1928.05 feet
 Q₁₀₀ (100 Years) = Does not Overtop
 V₁₀₀ (Bridge) = Does not Overtop
 Q₁₀₀ (Low) = Elev. (Low) 1927.20 feet
 Extreme Highwater on Record = NA
 Maximum Scour Depth = NA

Bridge 'A' Centerline Sta. 100+00.00
 Const. 2-11' x 4.5' x 44'
 Design No. 5
 42' Cl. Rdy.

