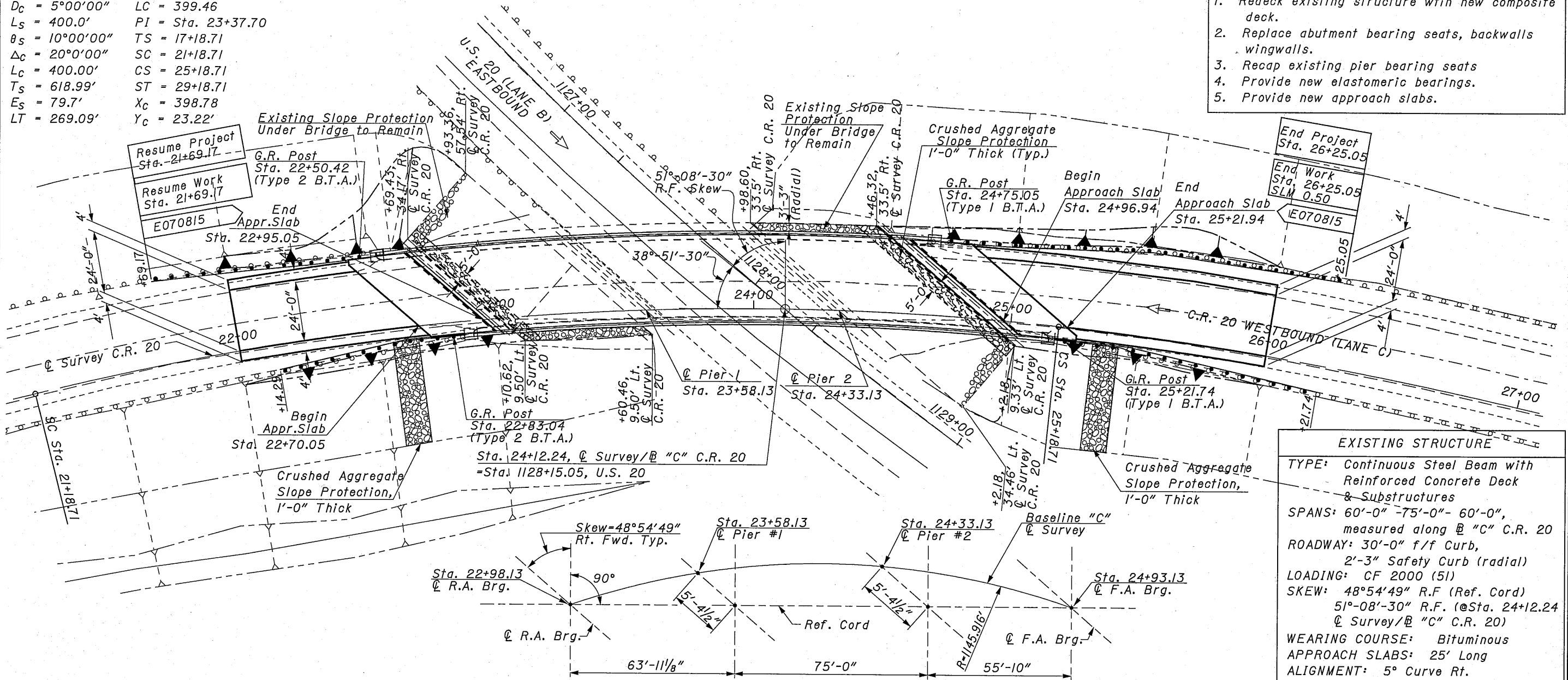


CURVE DATA (LANE "C")

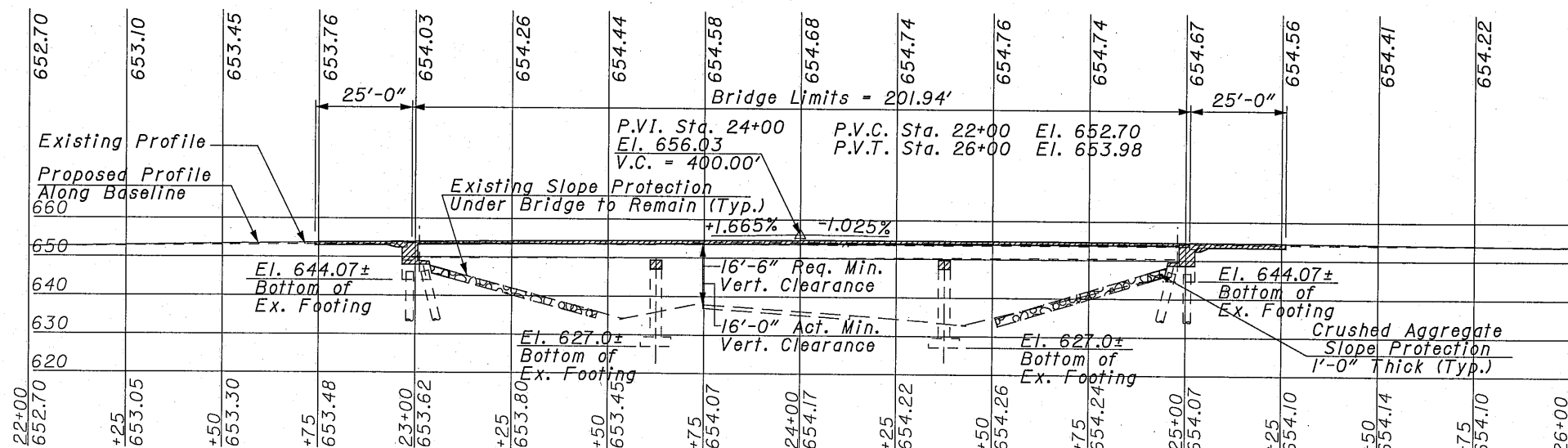
$\Delta = 40^\circ 00' 00''$ ST = 133.72
 $D_c = 5^\circ 00' 00''$ LC = 399.46
 $L_s = 400.0'$ PI = Sta. 23+37.70
 $\theta_s = 10^\circ 00' 00''$ TS = 17+18.71
 $\Delta_c = 20^\circ 00' 00''$ SC = 21+18.71
 $L_c = 400.00'$ CS = 25+18.71
 $T_s = 618.99'$ ST = 29+18.71
 $E_s = 79.7'$ X_c = 398.78
 $LT = 269.09'$ Y_c = 23.22'

PROPOSED WORK:

1. Redeck existing structure with new composite deck.
2. Replace abutment bearing seats, backwalls wingwalls.
3. Recap existing pier bearing seats
4. Provide new elastomeric bearings.
5. Provide new approach slabs.



REFERENCE DIAGRAM



LONGITUDINAL SECTION ALONG BASELINE "C"

EXISTING STRUCTURE
 TYPE: Continuous Steel Beam with Reinforced Concrete Deck & Substructures
 SPANS: 60'-0" -75'-0" -60'-0", measured along @ "C" C.R. 20
 ROADWAY: 30'-0" f/f Curb, 2'-3" Safety Curb (radial)
 LOADING: CF 2000 (51)
 SKEW: 48°54'49" R.F. (Ref. Cord)
 51°-08'-30" R.F. (@Sta. 24+12.24 @ Survey @ "C" C.R. 20)
 WEARING COURSE: Bituminous
 APPROACH SLABS: 25' Long
 ALIGNMENT: 5° Curve Rt.
 SUPERELEVATION: 0.0833 ft/ft
 YEAR BUILT: 1958
 CONDITION: Good

PROPOSED STRUCTURE
 TYPE: Continuous Steel Beam with Composite Reinforced Concrete Deck and Reinforced Concrete Substructures.
 SPANS: 60'-0" -75'-0" -60'-0", measured along @ "C" C.R. 20
 ROADWAY: 33.5' f/f Parapets (Radial)
 LOADING: HS25 & Alt. Military, Case II (superstructure)
 CF 2000 (51) (substructure)
 SKEW: 48°54'49" R.F. (Ref. Cord)
 WEARING COURSE: Monolithic Concrete
 APPROACH SLABS: AS-1-81 (25' Long)
 ALIGNMENT: 5° Curve Rt.
 SUPERELEVATION: 0.0833 ft/ft
 STRUCTURE FILE NO.: 7202016
 COORDINATES: N41°20'04" W84°13'54"