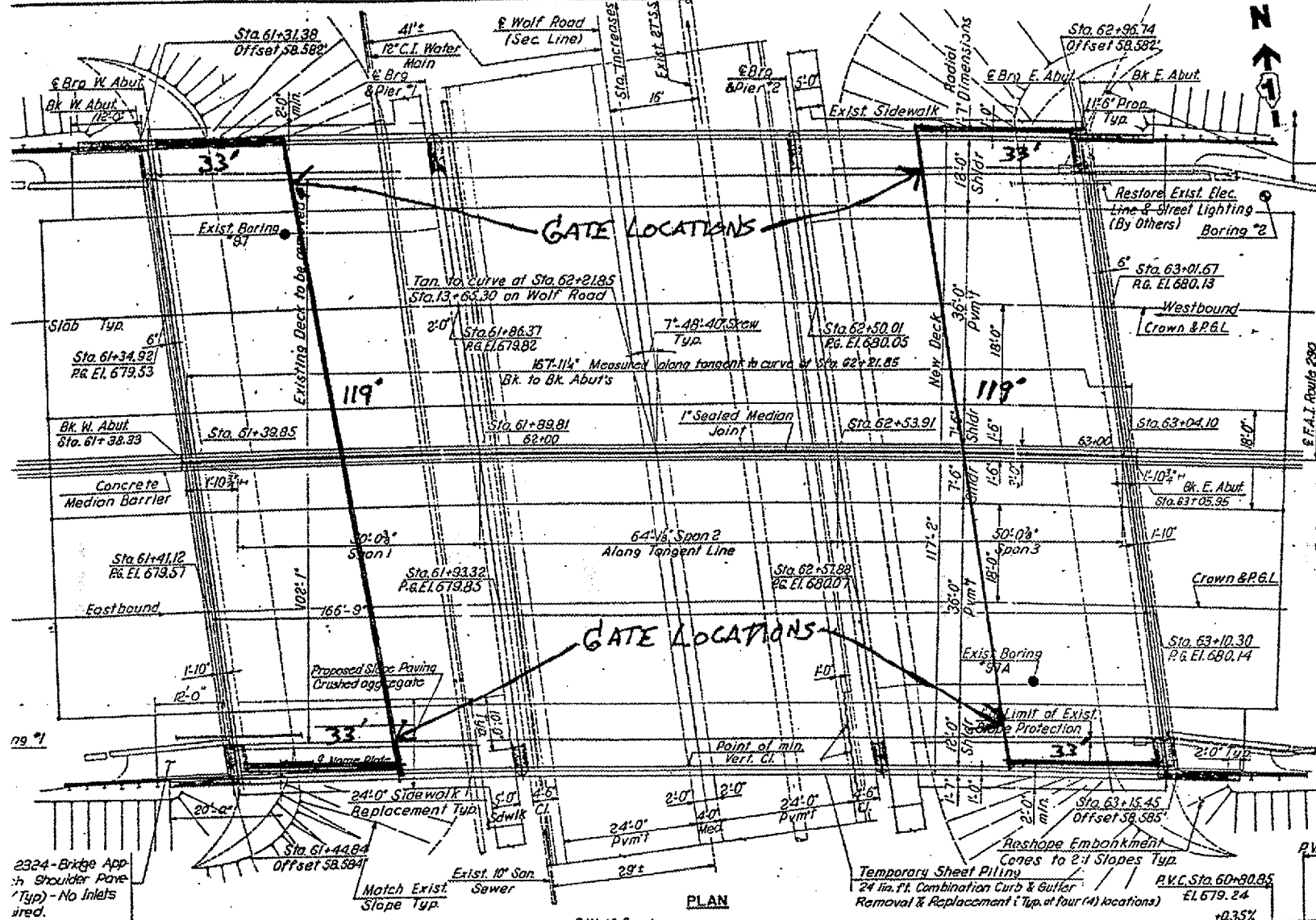
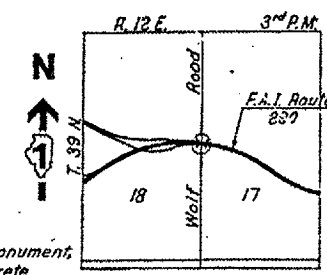


ROUTE Various	SECTION 2004-089I	COUNTY COOK	TOTAL SHEETS 27	SHEET NUMBER 14
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CONTRACT 62833



Curve Data:
 F.A.I. Route 290
 A = 87°
 D = 1°-30'00"
 T = 3624.78'
 L = 5800'
 R = 3819.72'
 No super elevation



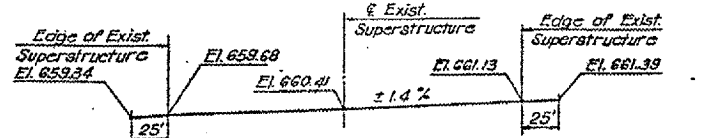
Existing ducts to remain in service
 Damaged ducts shall be restored by
 the contractor at no extra payment.

BENCH MARK:
 A standard C.C.H.D. Brass Monument,
 stamped 'K-71', atop the Concrete
 Grade Beam of East Pier between
 Columns 3 and 4 (From the South)
 of Eisenhower Exwy. El. 663.365

- MAJOR WORK ITEMS**
1. Drive Piling
 2. Widen Substructures
 3. Treat new Steel Beams
 4. Widen Slope Paving
 5. Repair Substructures

- NOTES**
- DESIGN LOADING**
 HS20-44 & Alternate. No allowance
 for future Wearing Surface.
- DESIGN STRESSES**
 $f_c = 20,000$ p.s.i. M183 Structural Steel (New)
 $f_s = 18,000$ p.s.i. AT Exist. Str. Steel
 $f_s = 24,000$ p.s.i. New Reinforcement Steel
 $f_c = 1400$ p.s.i. New Substructure
 $v = 56.2$ p.s.i. Allowable Shear in F19
 $n = 9$
 Deck Slab: (Not on this contract)
 $f_y = 60,000$ p.s.i. (Load Factor Design)
 $f_c = 3,500$ p.s.i.
- DESIGN SPECIFICATIONS**
 AASHTO 1977 & Interim Specifications 1978,
 1979, 1980, 1981 & 1982

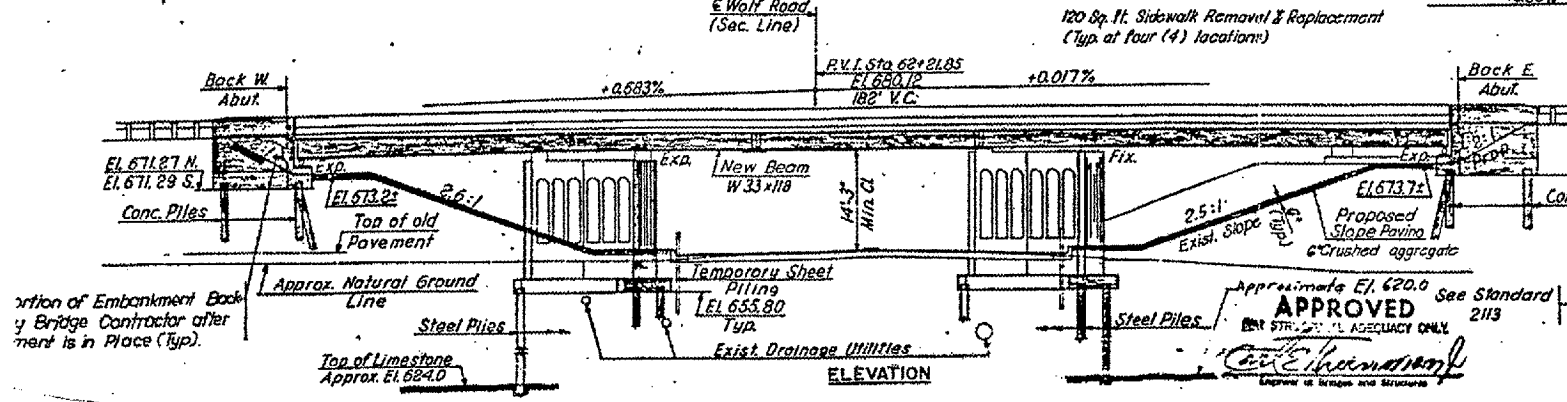
EXISTING STRUCTURES:
 Existing bridge No. 016-0086 of Sta. 62+21.85
 was built in 1852 as F.A. Route 131-Project
 U.I. 201 (21), Section 062-3739.1 M.F.T.
 It is a 3-Span Continuous W-Beam Bridge
 with 7" Concrete Deck 102' out to cut
 structure, 167'-11 1/2" Bk. to Bk. Abutment.



EXISTING PROFILE ALONG MEDIAN EDGE OF PAVEMENT (WOLF ROAD)

Station	P.V.I.	Elevation	Grade
Sta. 61+05.85	P.V.I. Sta. 61+05.85	EL 679.33	+0.683%
Sta. 61+30.85	P.V.I. Sta. 61+30.85	EL 679.50	+0.683%
Sta. 62+21.85	P.V.I. Sta. 62+21.85	EL 680.12	+0.017%
Sta. 63+15.45	P.V.I. Sta. 63+15.45	EL 680.14	+0.017%
Sta. 63+37.85	P.V.I. Sta. 63+37.85	EL 680.14	+0.35%
Sta. 63+62.85	P.V.I. Sta. 63+62.85	EL 680.23	+0.35%

LOCATION NO. 6



PROPOSED PROFILE ALONG CROWN

016-0086
 I-210 OVER WOLF ROAD
 M. PALELLI E/10/04

Station 62+
 Rebuilt 19
 State of Ill
 F.A.I. Rt. 290 Sec. 13
 F.A. Proj. ECTJ-24
 Loading HS20 &
 St. No. 016-0
 NAME PL

APPROVED
 CIVIL ENGINEER
 License No. 2113