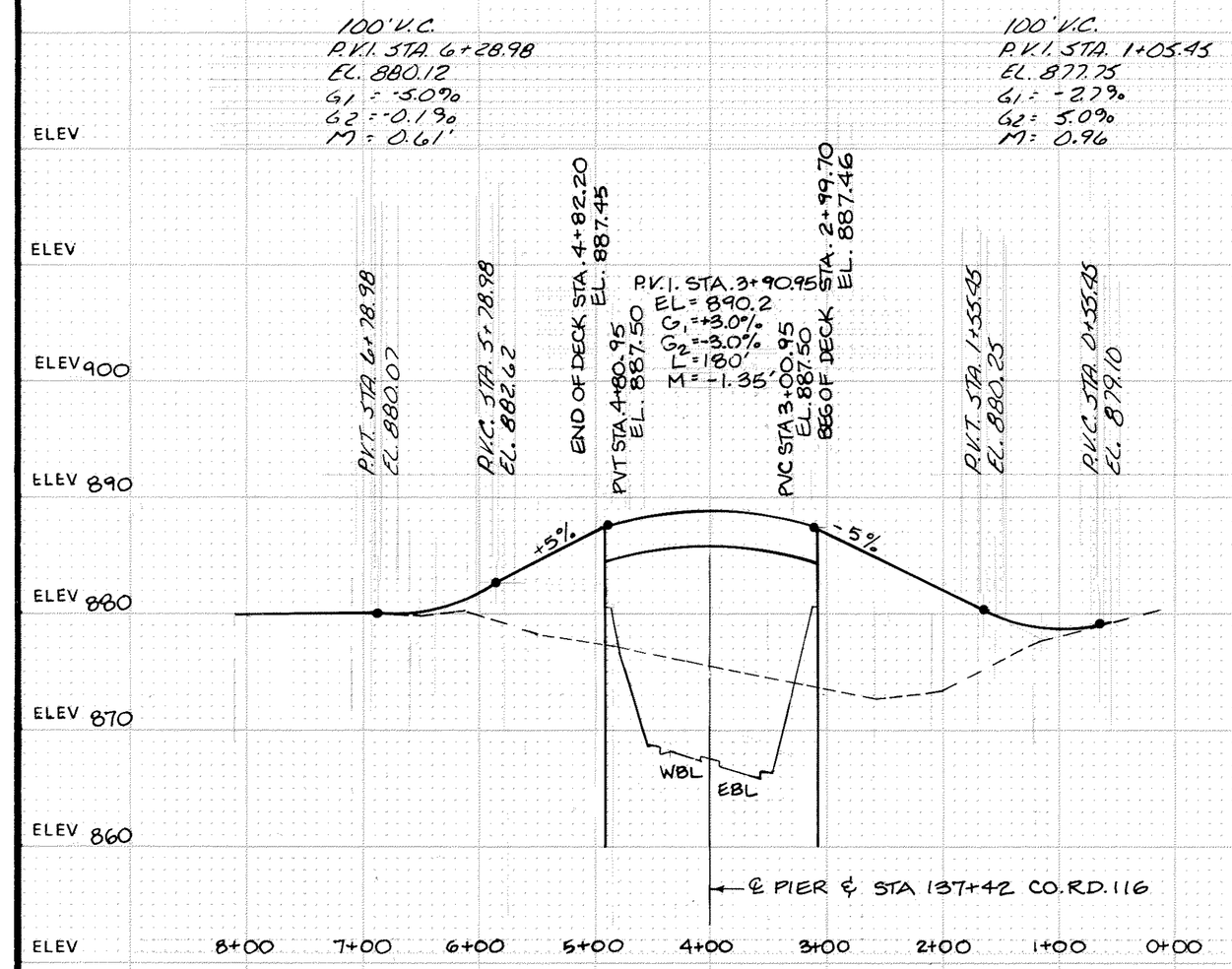
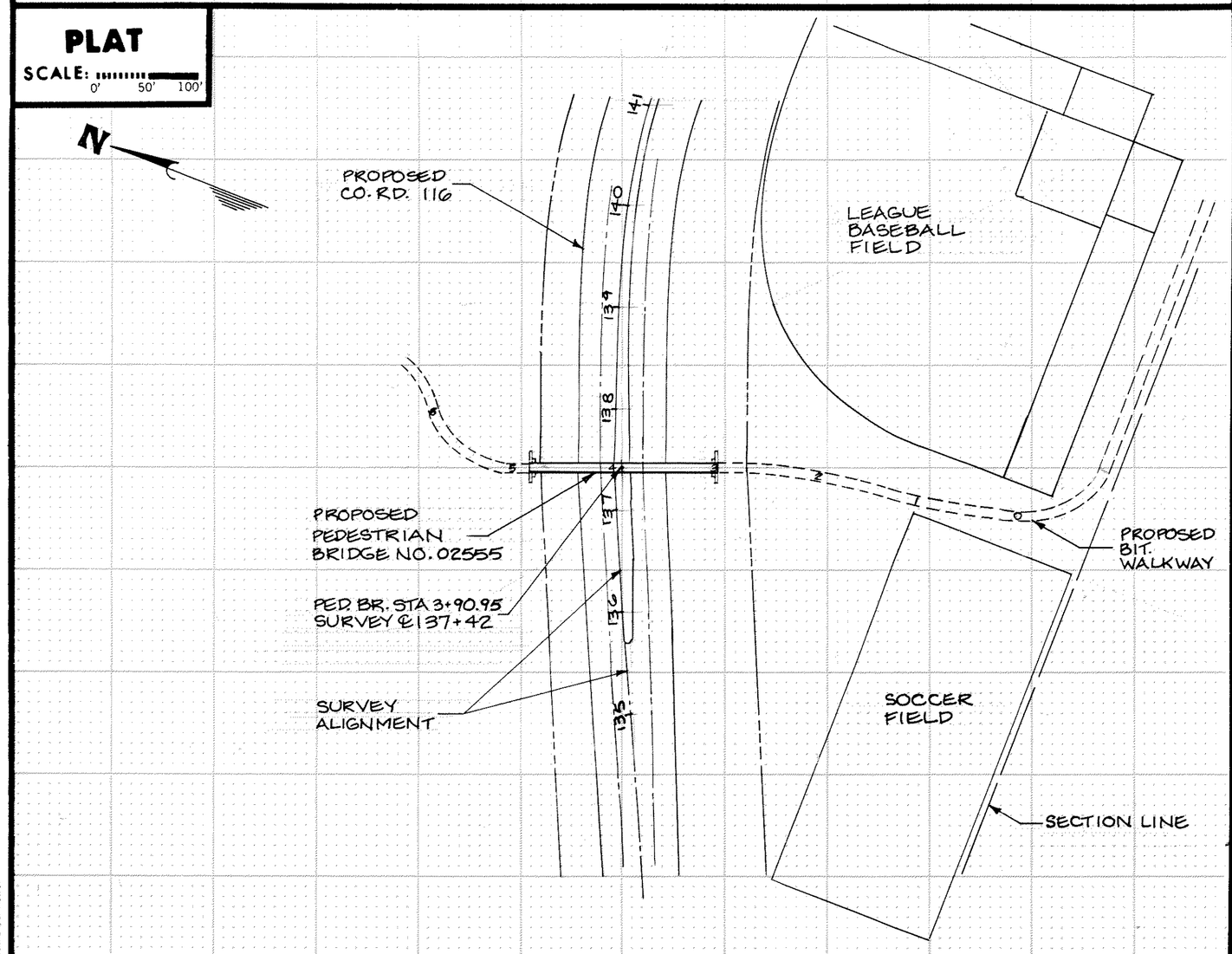
CONTRACTED PROFILE

SCALE: HOR. 0' 50' 100' VER. 0' 5' 10'



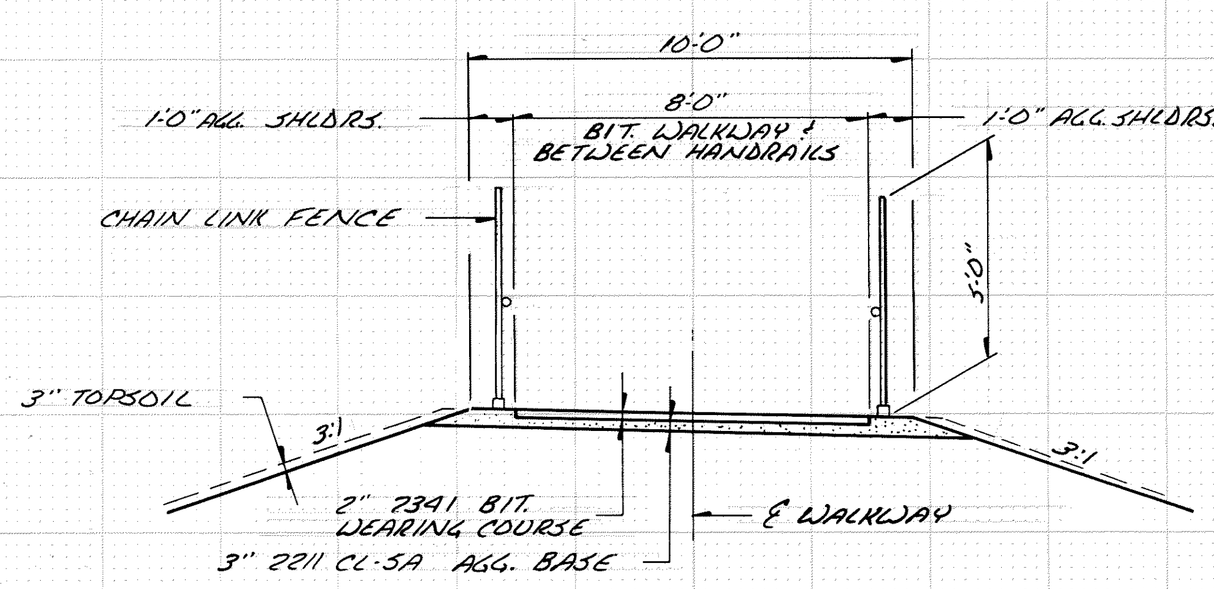
PLAT

SCALE: 0' 50' 100'



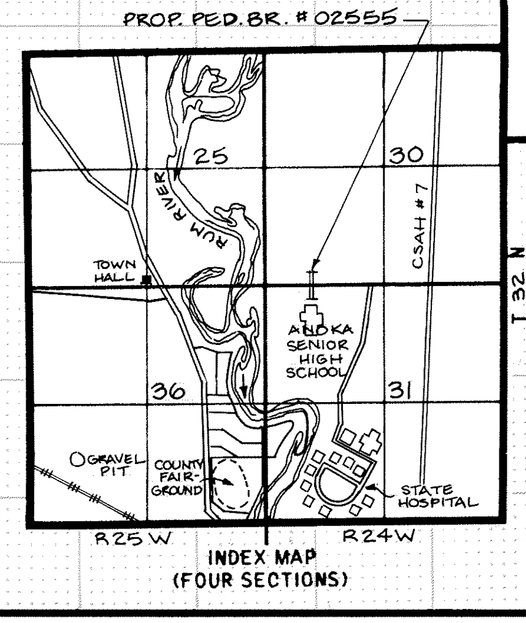
TYPICAL SECTIONS & PERTINENT DATA

SCALES AS SHOWN



TYPICAL SECTION
SCALE 3/8" = 1'-0"

NOTE:
CHAIN LINK FENCE SHALL EXTEND APPROX. 35 FT. SOUTH OF BRIDGE.



INDEX MAP
(FOUR SECTIONS)

Fed. Proj. No.

LOCATION ENGINEER'S OBSERVATIONS AT BRIDGE SITE

1. Special Features: Waterfalls, dams, floods, ice, debris, sliding banks, recreational boating.

2. Other bridges or culverts over the same stream (particularly structures which carry high water without overflow of roadway) :Given location, type, length, height above high water, cross-sectional area etc.

3. Apparent highwater elevation..... Obtained from.....

4. Other data: Approx. velocity of water at time of survey.....

HYDRAULIC ENGINEERS RECOMMENDATION

DATE .....

Stream or ditch designation .....
Drainage area .....
Max. flood on record.....Design flood (..... yr. freq.) .....C.F.S.
Max. observed highwater elevation .....Design highwater elevation.....
Design mean velocity through structure .....F.P.S.....
Low superstructure at or above elevation .....
Flowline elevation .....Skew angle.....
Waterway area req'd. below elevation ..... = ...Sq. Ft. at Rt. angles to channel

In the interest of flood plain zoning the regional flood (100 yr. freq.) is.....C.F.S. at stage.....and mean velocity of.....F.P.S. with.....Ft. swellhead.
The above recommendation will provide a structure of adequate waterway to pass the regional flood within criteria established by the Dept. of Natural Resources.

FOUNDATION ENGINEERS RECOMMENDATION

DATE .....

Bridge survey sheets made from: .....

Bench mark elevation..... (M.S.L. 1929 Adj.)
Location:.....

MINNESOTA
DEPARTMENT OF TRANSPORTATION

BRIDGE SURVEY

AT MILE POINT..... ON..... (T.H., C.S.A.H., C.R. etc.)
PROPOSED BRIDGE LOCATED BETWEEN C.R. 47 AND C.S.A.H. 7 OVER C.R. 116 EXTENSION
SEC. 30 & 31 TWP 32 N R 24 W
TOWNSHIP ANDOVER COUNTY ANOKA
BRIDGE NO. 02555

Area No. | Job No. | State Proj. No. | Sheet No. 13 of 17 Sheets

TELEDYNE POST 11 (Rev. 2 4/81 H2031)