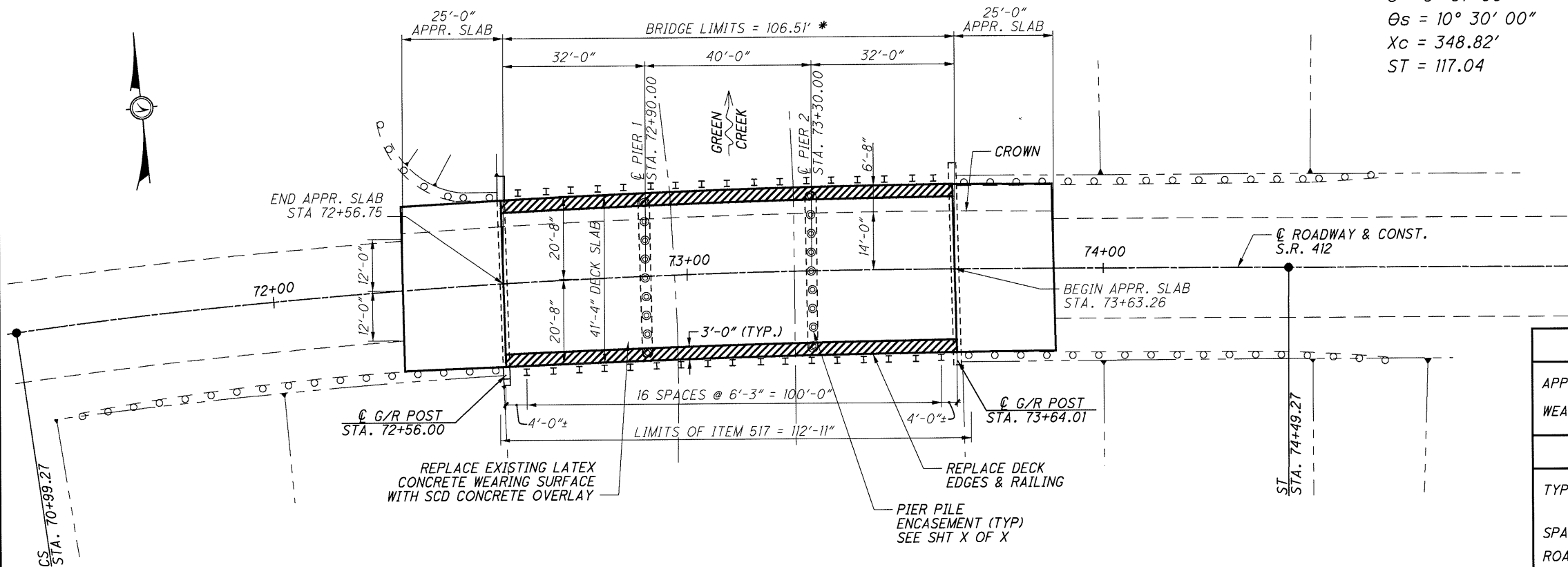
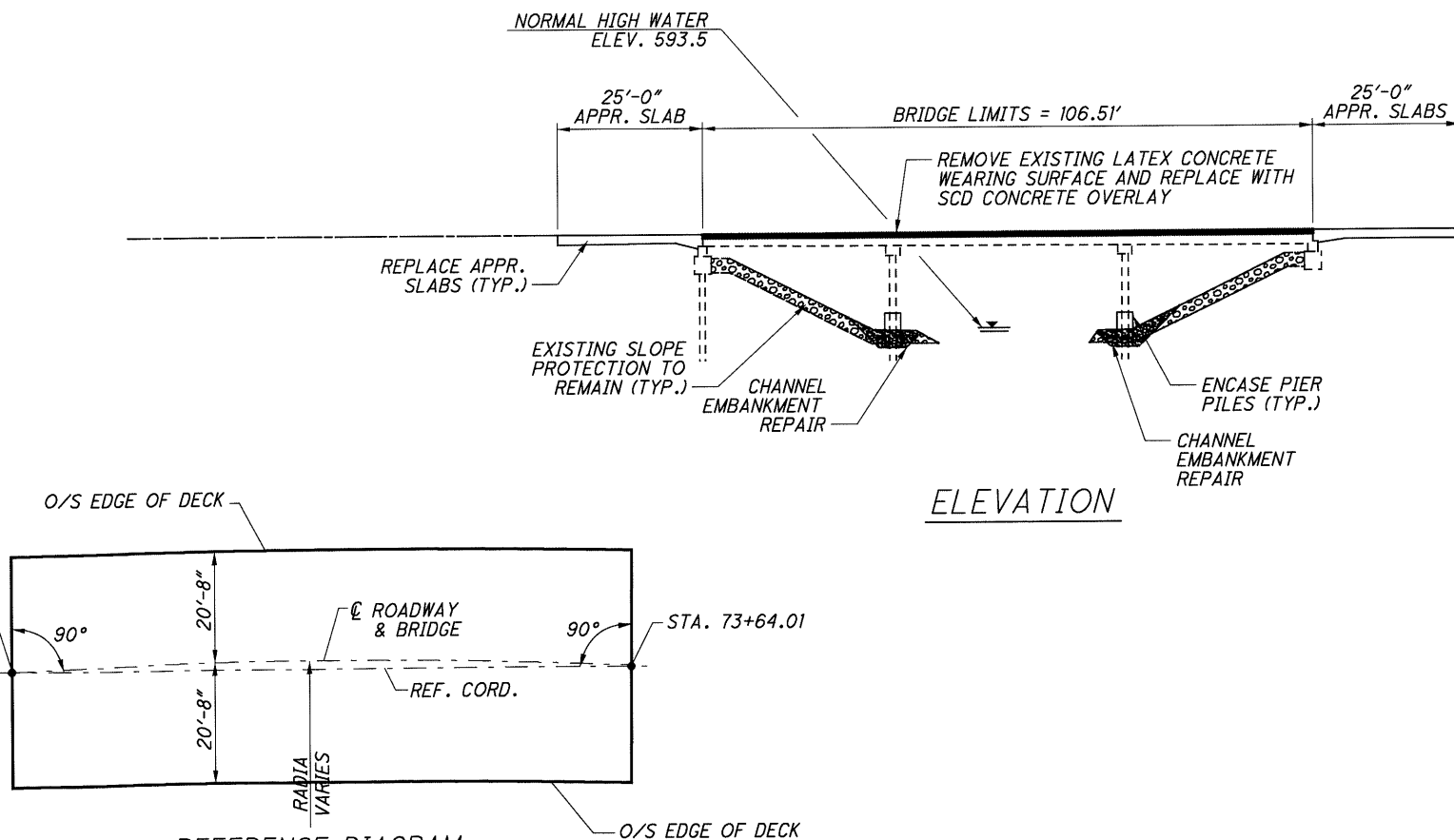


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GENERAL PLAN

* MEASURED ALONG
CL ROADWAY & CONST.



ELEVATION

REFERENCE DIAGRAM

EXISTING CURVE DATA

$\Delta = 30^\circ 01' 00''$ (RT)
 $c = 9^\circ 01' 00''$
 $\theta_s = 10^\circ 30' 00''$
 $X_c = 348.82'$
 $ST = 117.04$

P.I. STA. 70+31.24
 $D_c = 6^\circ 00' 00''$
 $L_c = 150.28'$
 $p = 5.34'$
 $Y_c = 21.38'$
 $L_c = 349.47'$

$R_c = 954.93'$
 $L_s = 350'$
 $K = 174.80'$
 $LT = 233.76'$
 $T_s = 432.25'$

DESIGN TRAFFIC:

2014 ADT = 2300 2014 ADTT = 460
2026 ADT = 2500 2026 ADTT = 500
DIRECTIONAL DISTRIBUTION = 53%

PROPOSED STRUCTURE DATA CHANGES

APPROACH SLABS: 25'-0" (AS-1-81)

WEARING SURFACE: SUPERPLASTICIZED DENSE CONCRETE

EXISTING STRUCTURE

TYPE: CONTINUOUS REINFORCED CONCRETE SLAB
WITH CAPPED PILE SUBSTRUCTURES

SPANS: 32'-40'-32' (ALONG REFERENCED CHORD)

ROADWAY: 40'-0" F/F GUARDRAIL

LOADING: HS20-44 AND THE ALTERNATE MILITARY LOADING
SKEW: 0° REFERENCE TO SPIRAL SUB-CHORD

APPROACH SLABS: 25'-0" (AS-1-81)

ALIGNMENT: ON 350' SPIRAL

WEARING SURFACE: LATEX CONC.

CROWN: VARIES

STRUCTURAL FILE NUMBER: 7202695

DATE BUILT: 1982

PROPOSED EXISTING STRUCTURE CHANGES

ROADWAY: 41'-4" F/F GUARDRAIL

WEARING SURFACE: SUPERPLASTICIZED DENSE CONCRETE

PROPOSED WORK

1. ESTABLISH DETOUR AS PER SHEET 6 OF 60, AND CLOSE BRIDGE TO TRAFFIC.
2. REMOVE EXISTING WEARINGS SURFACE BY HYDRODEMOLITION, REMOVE PORTIONS OF EXISTING STRUCTURE, REMOVE APPR. SLAB.
3. RECONSTRUCT ABUTMENTS & DECK EDGES.
4. PLACE DRIP STRIP & NEW SUPERPLASTICIZED DENSE CONCRETE DECK OVERLAY.
5. PLACE APPROACH SLABS & APPROACH PAVEMENT.
6. GROOVE BRIDGE DECK.
7. INSTALL BRIDGE RAILING AND APPROACH GUARDRAIL.
8. SEAL CONCRETE SURFACES.
9. PLACE FINAL PAVEMENT MARKINGS.
10. OPEN BRIDGE TO TRAFFIC.
11. ENCASE PIER PILES AND REPAIR SLOPE PROTECTION.

DESIGN AGENCY
OHIO DEPARTMENT
OF TRANSPORTATION

REVIEWED
DATE
STRUCTURE FILE NUMBER
7202695

DRAWN
NRA
CHECKED
JTB

SANDUSKY COUNTY
STA. 72+56.75
STA. 73+63.26

SITE PLAN
BRIDGE NO. SAN-412-0137
OVER GREEN CREEK

SAN-412-0.00
PID No. 88503

1 / 12

39
60