

GENERAL PLAN
SCALE IN FEET
0 30 60

INDEX OF PROPOSED WORK ITEMS

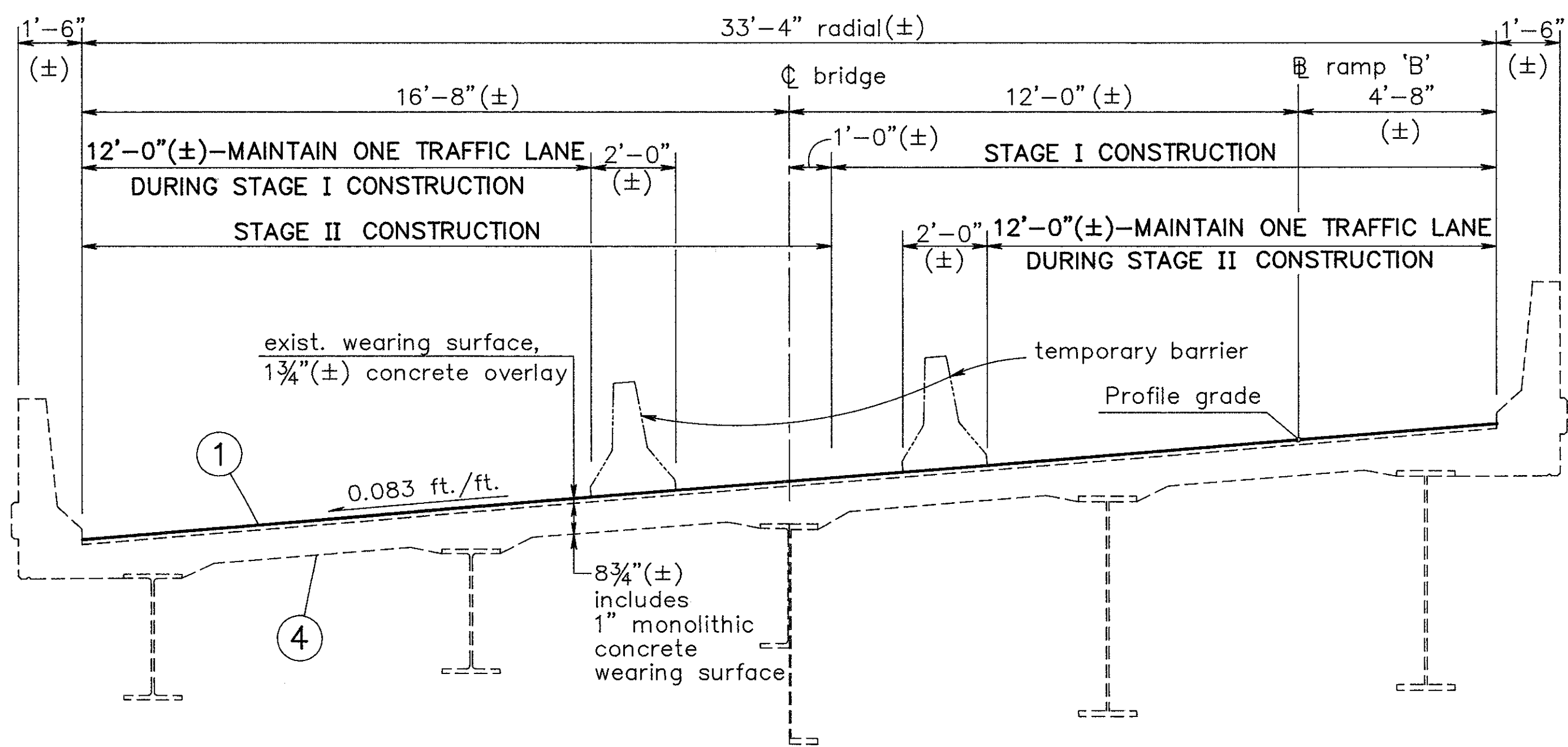
Item	Description	Detail Location
①	Replace existing concrete overlay with 2 inch microsilica modified concrete overlay	Gen. Notes & Trans. Section
②	Retrofit pin and hanger assemblies	Gen. Notes & sheet 19/22
③	Replace transverse expansion joint	Gen. Notes & sheet 20/22
④	Deck bottom repair	Gen. Notes
⑤	Plug existing scupper	Gen. Notes
⑥	Seal expansion joint with poured polyurethane joint seal	Gen. Notes
⑦	Modify existing scupper	Gen. Notes
⑧	Miscellaneous structural steel repair	Gen. Notes & sheet 20/22

EXISTING STRUCTURE

TYPE: Continuous steel beams & girders with reinforced concrete deck & substructure.
 SPANS: 69'-82'-97'(hinge)-109'-125'-108' c/c bearings
 ROADWAY: 33'-4" t/t deflector parapets
 LOAD FREQUENCY: C.F. = 2000(57). Adequate for AASHTO alternate loading.
 SKEW: 44°15'30" L.F.
 WEARING SURFACE: 1" monolithic concrete + 1 3/4" concrete overlay
 APPROACH SLAB: Special design (25' long)
 ALIGNMENT: 6°00'00" left curve
 SUPERELEVATION: .083' per ft.

MODIFIED STRUCTURE

TYPE: Continuous steel beams & girders with reinforced concrete deck & substructure.
 SPANS: 69'-82'-97'(hinge)-109'-125'-108' c/c bearings
 ROADWAY: 33'-4" t/t deflector parapets
 LOAD FREQUENCY: C.F. = 2000(57). Adequate for AASHTO alternate loading.
 SKEW: 44°15'30" L.F.
 WEARING SURFACE: 2" microsilica modified concrete overlay
 APPROACH SLAB: Special design (25' long)
 ALIGNMENT: 6°00'00" left curve
 SUPERELEVATION: .083' per ft.



TRANSVERSE SECTION
SCALE IN FEET
0 2 4 8

STILSON & ASSOCIATES, INC.
 CONSULTING ENGINEERING AND ARCHITECTURE
 COLUMBUS AND CLEVELAND

GENERAL PLAN & TRANSVERSE SECTION
 BRIDGE NO. LAK-90-0243 R
 UNDER EUCLID SPUR (RAMP "B")

LAKE COUNTY STA. 77+79.00

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
W.M.	R.T.P.		V.S.	G.W.M.	2/21/92	