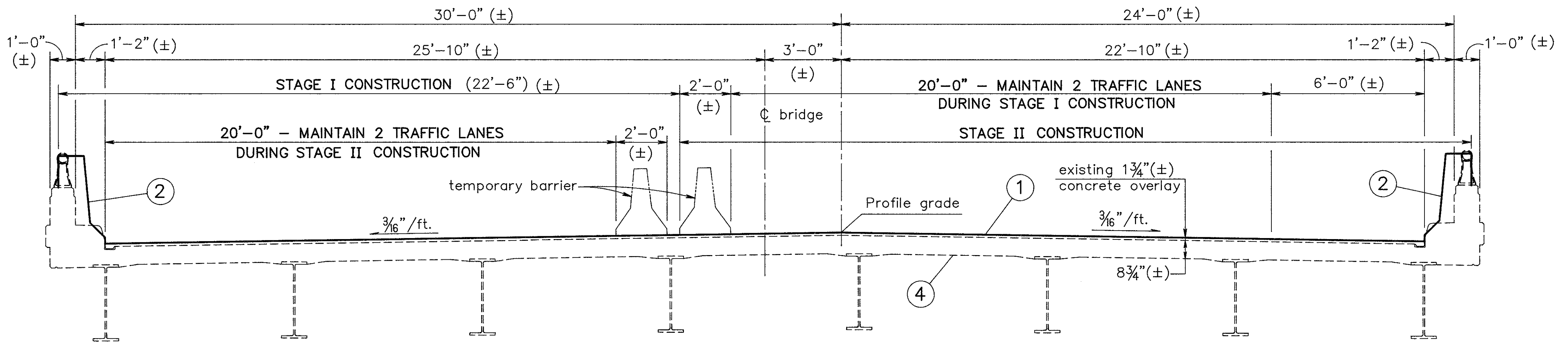


GENERAL PLAN
SCALE IN FEET



TRANSVERSE SECTION
SCALE IN FEET

INDEX OF PROPOSED WORK ITEMS

Item Description	Detail Location
① Patch, inject, seal & groove existing overlay	Gen. Notes & Trans. Section
② Install safety shape parapet	Gen. Notes & sheet 18/22
③ Patch and seal concrete surfaces	Gen. Notes
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

Item Special - Patching Concrete with Trowelable Mortar		
Location	Estimated Quantity - SQ. FT.	
	LAK90-0528 L	LAK90-0528 R
Parapets		
Piers	4	10
Abutments	14	22
Wingwalls		
50% Expansion Factor	9	16
Total	27	48

Survey date: 2-11-92

EXISTING STRUCTURES

TYPE: Continuous steel beam with reinforced concrete deck & substructure.

SPANS: Westbound lane 56'-70'-56' c/c bearings, Eastbound lane 64'-80'-64' c/c bearings

ROADWAY: 54'-0" f/f of parapets

LOAD FREQUENCY: C.F. = 2000(57) Adequate for AASHTO alternate loading.

SKEW: Westbound lane 45°00'00" L.F. Eastbound lane 53°30'00" L.F.

WEARING SURFACE: 1" monolithic concrete + 1 3/4" concrete overlay

APPROACH SLAB: AS-1-54 (25' long)

ALIGNMENT: Tangent

SUPERELEVATION: None

MODIFIED STRUCTURES

TYPE: Continuous steel beam with reinforced concrete deck & substructure.

SPANS: Westbound lane 56'-70'-56' c/c bearings, Eastbound lane 64'-80'-64' c/c bearings

ROADWAY: 51'-8" t/t deflector parapets

LOAD FREQUENCY: C.F. = 2000(57) Adequate for AASHTO alternate loading.

SKEW: Westbound lane 45°00'00" L.F. Eastbound lane 53°30'00" L.F.

WEARING SURFACE: existing overlay repaired

APPROACH SLAB: AS-1-54 (25' long)

ALIGNMENT: Tangent

SUPERELEVATION: None

13/22

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

GENERAL PLAN & TRANSVERSE SECTION
BRIDGE NO. LAK-90-0528 L&R
OVER STATE ROUTE NO. 174

LAKE COUNTY STA. 232+41.54 TO STA. 237+26.78

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