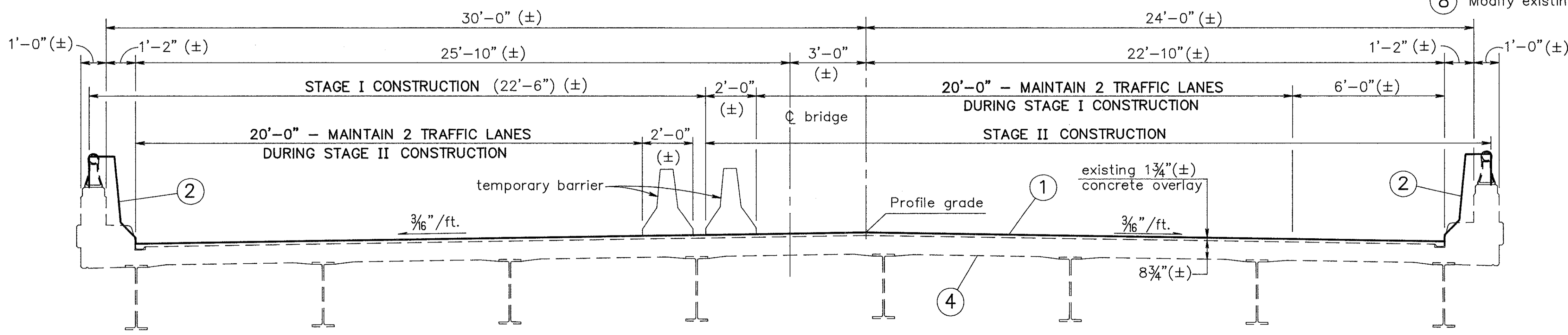


GENERAL PLAN
SCALE IN FEET
0 20 40



TRANSVERSE SECTION
SCALE IN FEET
0 2 4 8

Location	Estimated Quantity - SQ. FT.	
	LAK90-0599 L	LAK90-0599 R
Curbs		
Parapets		
Piers	1	1
Abutments	32	22
Wingwalls		
50% Expansion Factor	17	12
Total	50	35

Survey date: 2-11-92

INDEX OF PROPOSED WORK ITEMS, LAK-90-0599 L

Item Description	Detail Location
1 Replace existing concrete overlay with 2 inch microsilica modified concrete 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 Slope repair and protection	Gen. notes
6 Plug existing scupper	Gen. Notes
7 Seal expansion joint with poured polyurethane joint seal	Gen. Notes
8 Modify existing scupper	Gen. Notes

INDEX OF PROPOSED WORK ITEMS, LAK-90-0599 R

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 Slope repair and protection	Gen. notes
6 Plug existing scupper	Gen. Notes
7 Seal expansion joint with poured polyurethane joint seal	Gen. Notes
8 Modify existing scupper	Gen. Notes

EXISTING STRUCTURES

TYPE: Continuous steel beams with reinforced concrete deck & substructure.
 SPANS: Southbound lane 40'-50'-40' c/c bearings, Northbound lane 44'-55'-44' c/c bearings
 ROADWAY: 54'-0" f/f of parapets - 1'-0" curbs
 LOAD FREQUENCY: C.F. = 2000(57) Adequate for AASHO alternate loading.
 SKEW: Southbound lane 26°01'30" L.F. Northbound lane 36°11'57" 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 beams with reinforced concrete deck & substructure.
 SPANS: Southbound lane 40'-50'-40' c/c bearings, Northbound lane 44'-55'-44' c/c bearings
 ROADWAY: 51'-8" t/t deflector parapets
 LOAD FREQUENCY: C.F. = 2000(57) Adequate for AASHO alternate loading.
 SKEW: Southbound lane 26°01'30" L.F. Northbound lane 36°11'57" L.F.
 WEARING SURFACE: 2" microsilica modified concrete overlay, LAK-90-0599 L repair existing overlay, LAK-90-0599 R
 APPROACH SLAB: AS-1-54 (25' long)
 ALIGNMENT: Tangent
 SUPERELEVATION: None

14/22

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

GENERAL PLAN & TRANSVERSE SECTION
BRIDGE NO. LAK-90-0599 L&R
OVER RIVERSIDE DRIVE

LAKE COUNTY STA. 269+83.49 TO STA. 272+56.44

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