

61-4

CALC. BY	CUYAHOGA COUNTY	OHIO	1/32
DATE	CUY - 17 - 283	FHWA REGION 5	
CHKD. BY			
DATE			

BHM - 1A19 (7)

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

CUY-17- 2.83

CUYAHOGA COUNTY

RIVEREDGE TOWNSHIP
CITY OF FAIRVIEW PARK
CITY OF CLEVELAND

WE THE COMMISSIONERS OF CUYAHOGA COUNTY IN FORMAL SESSION HEREBY APPROVE THESE PLANS AND CERTIFY THAT THE NECESSARY RIGHT-OF-WAY IS AVAILABLE. WE AGREE TO MAINTAIN THE PROJECT IN A MANNER SATISFACTORY TO THE DIRECTOR, DEPARTMENT OF TRANSPORTATION, STATE OF OHIO OR HIS DULY AUTHORIZED REPRESENTATIVES AND WILL MAKE AMPLE PROVISIONS EACH YEAR FOR SUCH MAINTENANCE. DONE UNDER AUTHORITY OF SECTIONS 5555.02 ET SEQ. 8 5535.01 OF THE REVISED CODE OF OHIO.

BOARD OF COMMISSIONERS
CUYAHOGA COUNTY

DATE 6/30/86
Virginia E. Brown
Timothy F. Hogan
Mary O'Boye

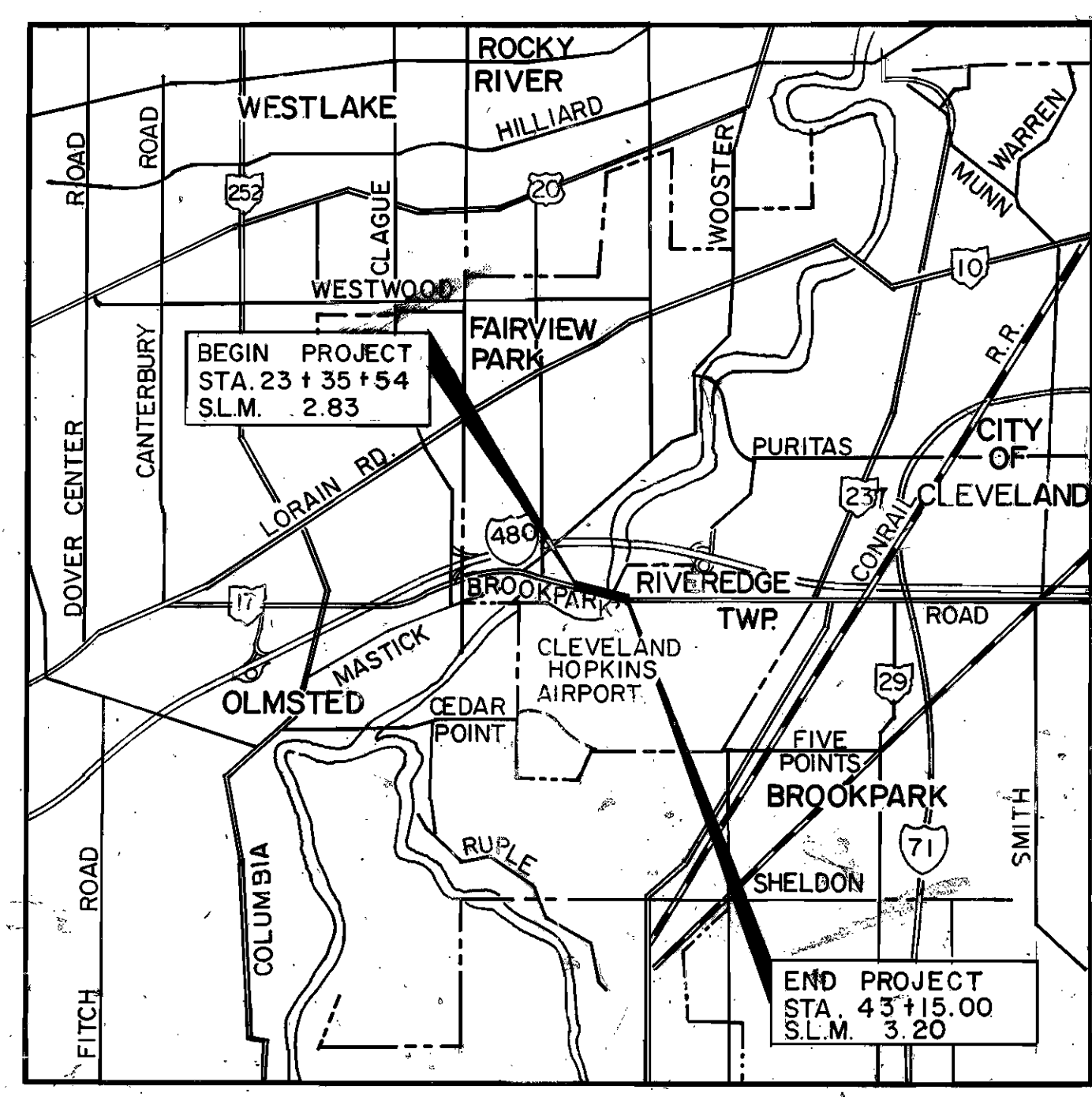
CONVENTIONAL SIGNS

LIMITED ACCESS PROPOSED R/W	LA R/W	WATER LINE	M
PROPOSED EASEMENT CENTER LINE	---	GAS LINE	G
EXISTING R/W	---	UNDERGROUND ELECTRICAL	E
PROPERTY LINE	---	RAILROADS	+
COUNTY LINE	P/L	EXISTING RETAINING WALL	+
CORPORATION LINE	---	EXISTING SEWER	---
EXISTING FENCE	---	PROPOSED SEWER	---
PROPOSED FENCE	---	EXISTING GUARD RAIL	---
VALVES	⊙	PROPOSED GUARD RAIL	---
EXISTING MANHOLES	○	TREES AND STUMPS	⊙
PROPOSED MANHOLES	●	TREES AND STUMPS TO BE REMOVED	⊙
MANHOLES ADJUSTED TO GRADE	⊙	TELEPHONE OR TELEGRAPH POLE	⊙
MANHOLES REMOVED OR ABANDONED	⊙	LIGHT POLE	⊙
EXISTING INLETS OR CATCH BASINS	⊠	POWER POLE	⊙
PROPOSED INLETS OR CATCH BASINS	⊠	WATER HYDRANT	⊙
CATCH BASINS ADJUSTED TO GRADE	⊠	EXISTING TRAFFIC SIGNAL	⊙
CATCH BASINS REMOVED OR ABAND.	⊠	PROPOSED TRAFFIC SIGNAL	⊙

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Revised sheets 19, 45 and 46 LMG 12-15-86



LOCATION PLAN

SCALE IN MILES 0 1 2

LINE DATA

	FAIRVIEW PARK	RIVEREDGE TOWNSHIP	CLEVELAND	TOTAL
BEGIN PROJECT	STA. 23+35.54	STA. 39+42.87		STA. 23+35.54
END PROJECT	STA. 39+42.87	STA. 43+15.00		STA. 43+15.00
LENGTH OF PROJECT	1607.33 L.F. OR 0.304 MI.	372.13 L.F. OR 0.071 MI.		1979.46 L.F. OR 0.375 MI.
ADDITIONAL WORK	185.54 L.F.	31.06 L.F.	153.94 L.F.	370.54 L.F.
LENGTH OF WORK	1792.87 L.F. OR 0.340 MI.	403.19 L.F. OR 0.076 MI.	153.94 L.F. OR 0.029 MI.	2350.00 L.F. OR 0.445 MI.

PORTION TO BE IMPROVED
STATE & FEDERAL ROADS -
OTHER ROADS

PLAN

CROSS SECTIONS HORIZONTAL 0 5 10 VERTICAL 0 5 10

STANDARD DRAWINGS

BP-2	1-11-85	GR-1	1-11-85	MH-1	12-18-84	HL-1	12-28-84
BP-3	12-6-76	GR-2B	2-5-82	MH-2	7-27-73	HL-2	7-27-73
BP-4	1-11-85			MH-3	12-18-84	HL-3	12-28-84
BP-5	1-11-85	GR-4	2-5-82	MH-5	6-12-75	HL-4	1-21-76
		GR-4A	1-30-84	HL-5	9-6-73	HL-5	9-6-73
BP-7	12-6-76			HL-7	1-21-76	HL-7	1-21-76
BP-11	1-30-84	MC-1	6-13-69	HL-8	1-21-76	HL-8	1-21-76
CB-3A	5-1-79	MC-4	7-26-76	HL-9	3-22-77	HL-9	3-22-77
		MC-9A	1-11-85	HL-10	12-28-84	HL-10	12-28-84
CB-6	5-1-79	MC-11	8-1-78	HL-11	6-1-79	HL-11	6-1-79
				HL-12	12-28-84	HL-12	12-28-84
				HL-15	12-28-84	HL-15	12-28-84

SUPPLEMENTAL SPECIFICATIONS

NUMBER	DATE	NUMBER	DATE
824	10-8-82		
836	11-12-85		
845	2-25-86		
849	12-24-85		
853	6-26-78		
953	8-21-80		
921	12-4-72		
956	6-26-78		
949	12-24-85		
932	3-23-85		

DESIGN DESIGNATION

CURRENT A.D.T.	(1985)	DESIGN YEAR A.D.T.	(2005)
15800		27900	
1,674		50%	
3.2%		45 M.P.H.	

FILE CUYAHOGA COUNTY N^o
N^o DATE OF LETTING 19
CONTRACT N^o

CHECKED BY DATE

APPROVED BY *David G. Szabo, P.E.* ENGINEER OF DESIGN
DATE 4/29/86

APPROVED BY *Ernest A. Halupnik* BRIDGE ENGINEER
DATE 4-29-86

APPROVED BY *James M. Mawaya* LAND DEPUTY
DATE 4-29-86

UNDERGROUND UTILITIES
2 WORKING DAYS *
BEFORE YOU DIG
CALL 800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE

NON-MEMBERS
MUST BE CALLED DIRECTLY

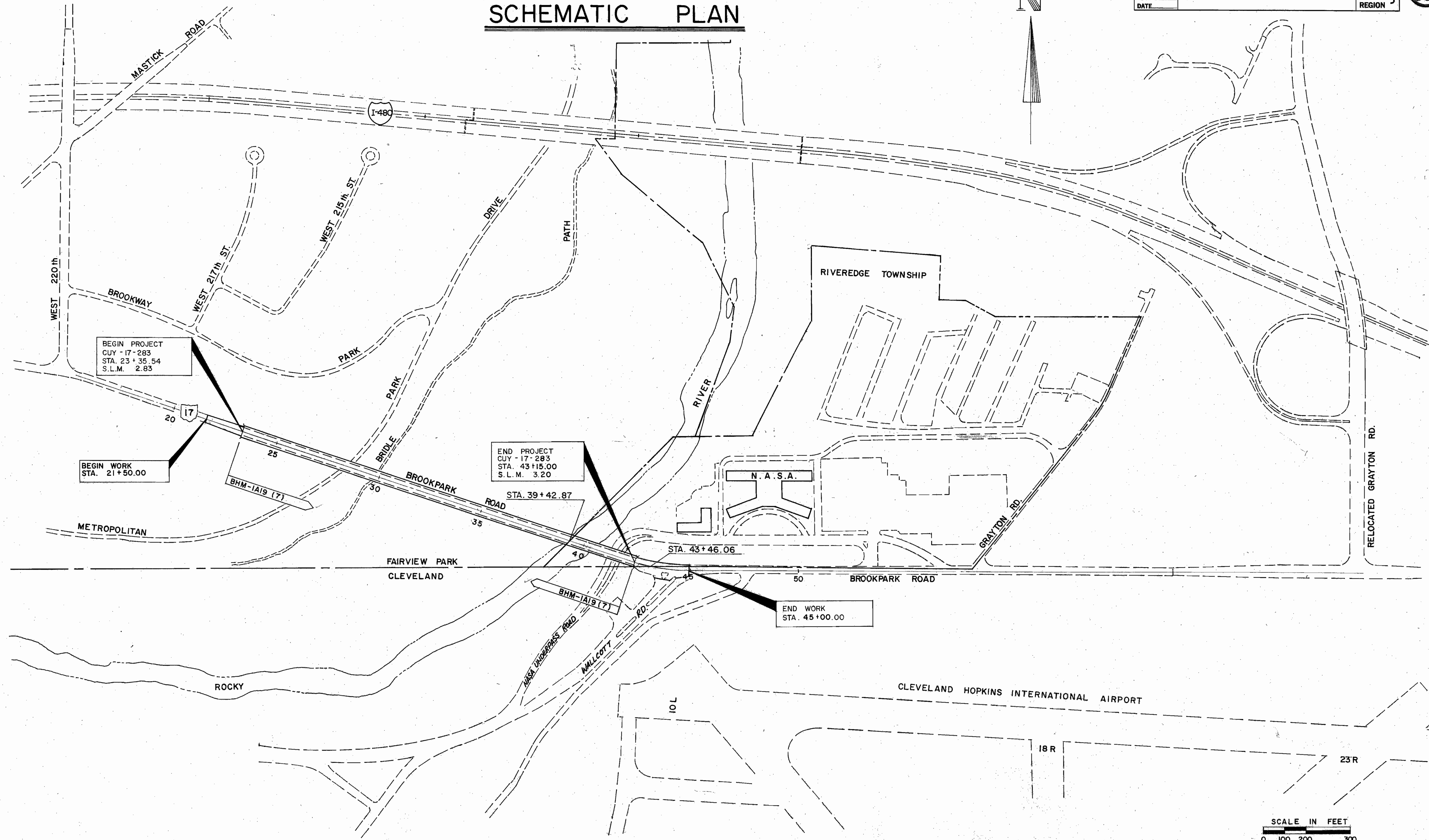
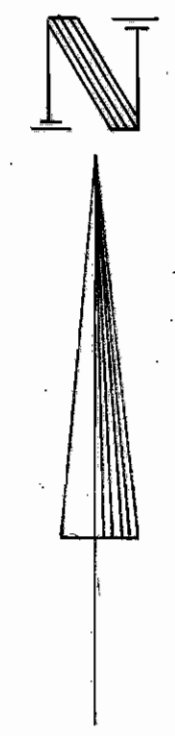
PLANS PREPARED BY
STILSON & ASSOCIATES INC.
CONSULTING ENGINEERS
75 PUBLIC SQUARE
CLEVELAND, OHIO

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:
DIVISION ADMINISTRATOR DATE

SCHEMATIC PLAN

CALC. BY:	CUYAHOGA COUNTY	OHIO	2
DATE:	CUY - 17 - 283	FHWA REGION 5	82
CHKD. BY:			
BY:			
DATE:			

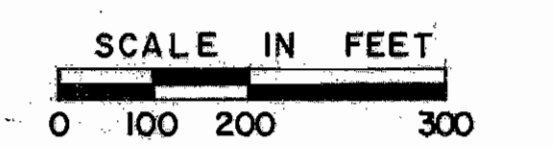


BEGIN PROJECT
 CUY - 17 - 283
 STA. 23 + 35.54
 S.L.M. 2.83

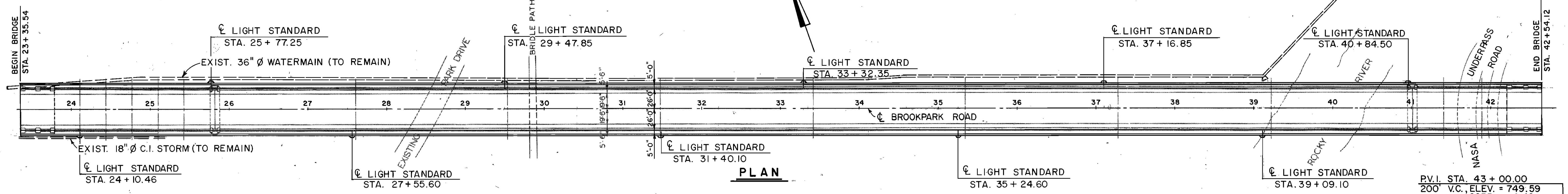
BEGIN WORK
 STA. 21 + 50.00

END PROJECT
 CUY - 17 - 283
 STA. 43 + 15.00
 S.L.M. 3.20

END WORK
 STA. 45 + 00.00

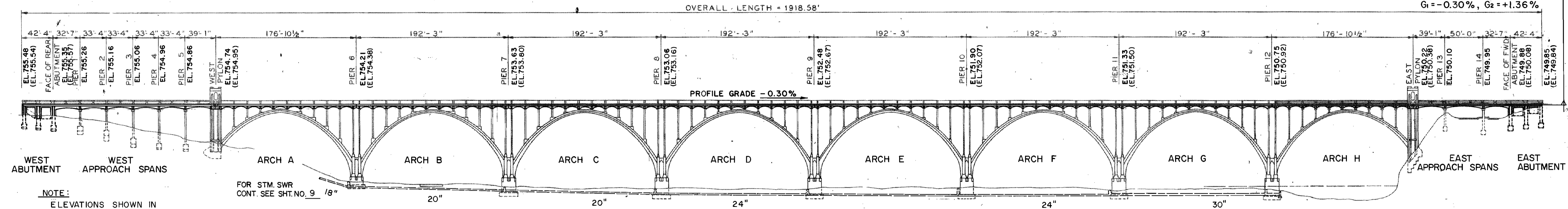


CUYAHOGA COUNTY



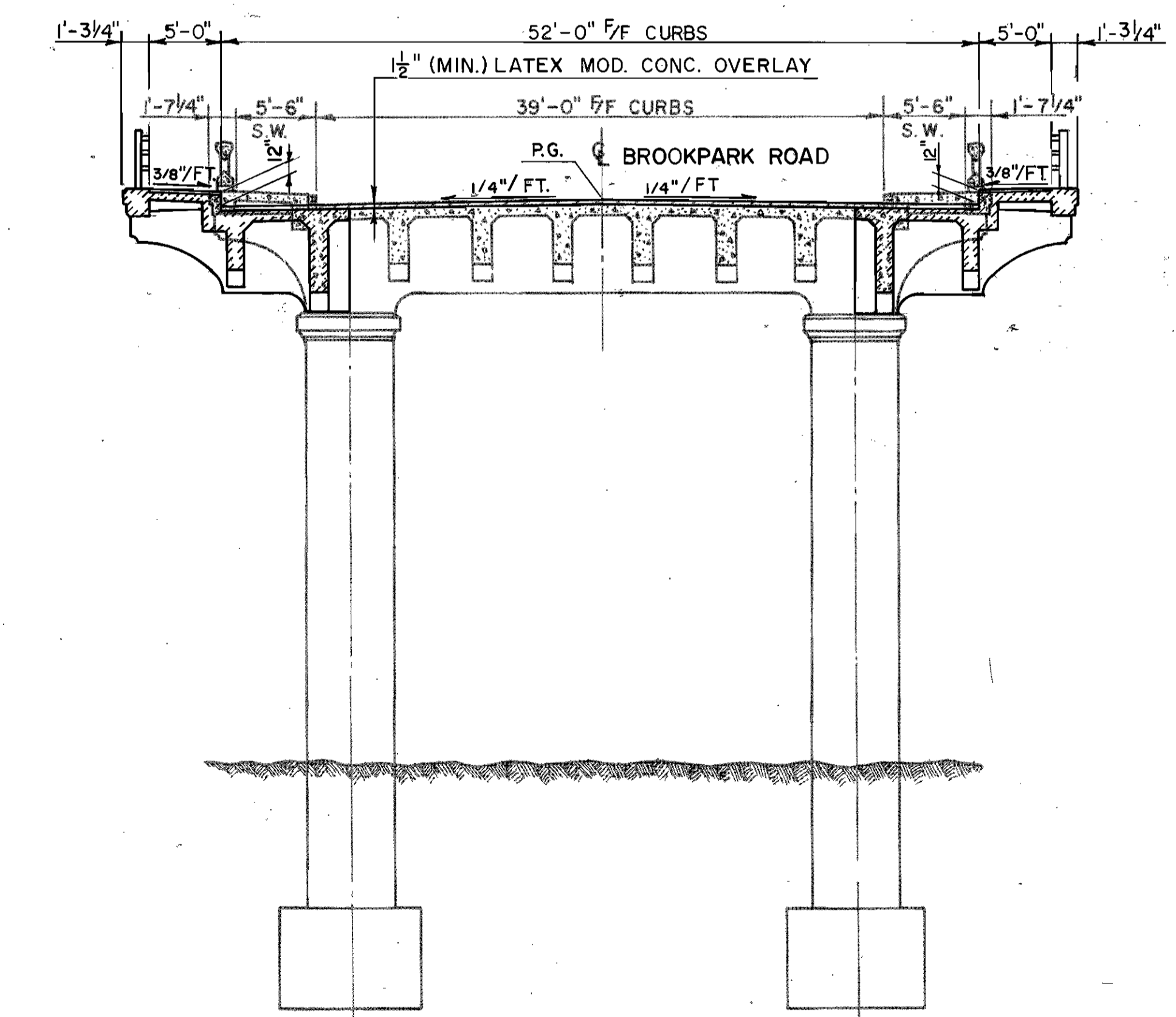
PLAN

P.V.I. STA. 43 + 00.00
 200' V.C. ELEV. = 749.59
 CORR. = +0.42
 P.G. ELEV. = 750.01
 G₁ = -0.30%, G₂ = +1.36%

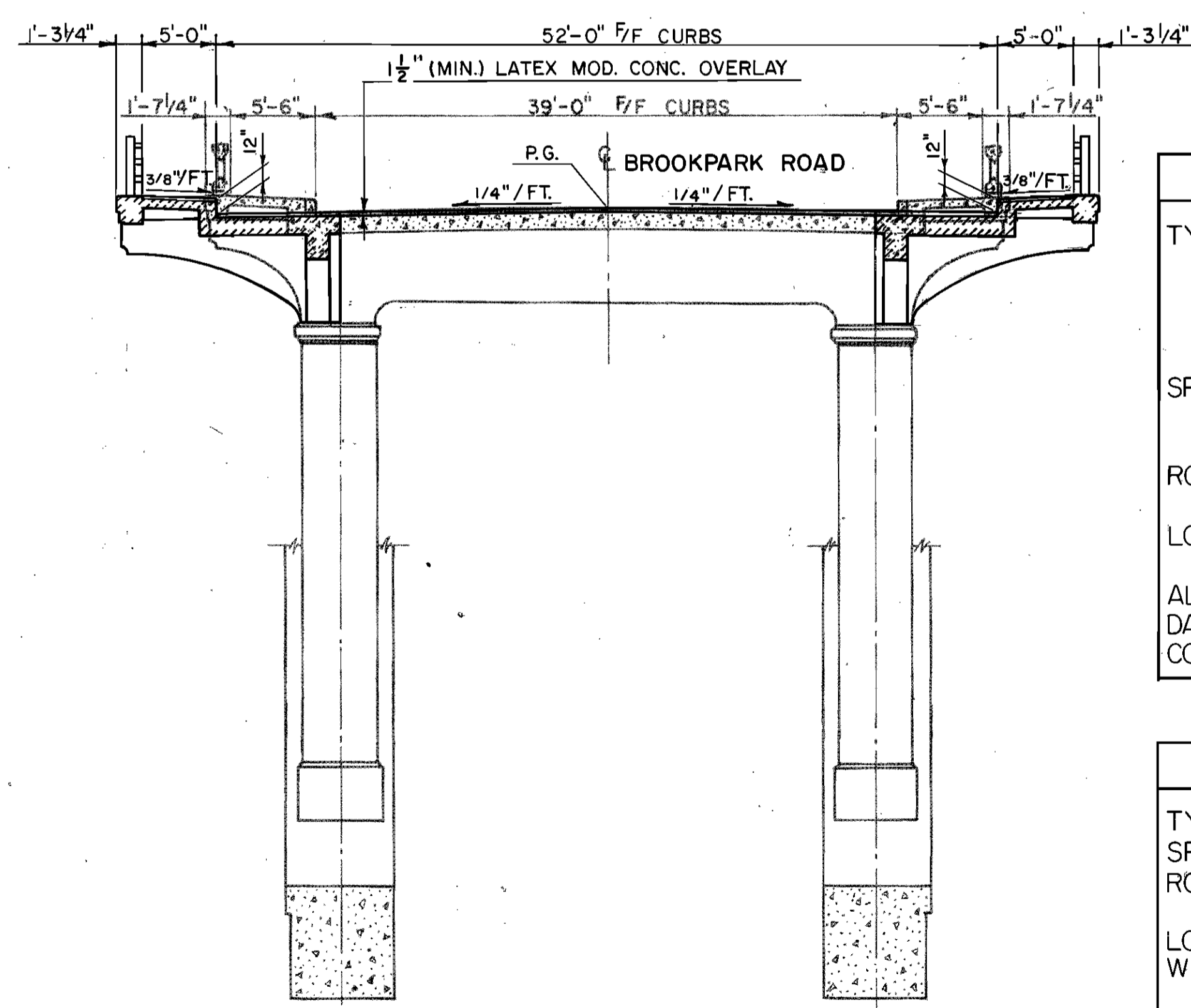


ELEVATION

NOTE:
 ELEVATIONS SHOWN IN PARENTHESES ARE EXISTING.
 FOR STM. SWR CONT. SEE SHT. NO. 9



TYPICAL SECTION
 APPROACH SPANS - WEST SHOWN
 EAST SIMILAR



TYPICAL SECTION
 ARCH SPAN

EXISTING STRUCTURE

TYPE: Open spandrel reinforced concrete arches with continuous reinforced concrete beam approach spans. Reinforced concrete deck and substructure both arch and approach spans.

SPANS: West Approach: 32'-7", 4 @ 33'-4", 39'-1"
 Arch Spans: 176'-10 1/2", 6 @ 192'-3", 176'-10 1/2"
 East Approach: 39'-1", 50'-0", 32'-7"

ROADWAY: 39'-0" f/f curbs, 5'-6" sidewalks, reinforced concrete railings

LOADING: H-20 (Specification current October 1932)

ALIGNMENT: Tangent and 6° curve left

DATE BUILT: C 1932

CONDITION:

PROPOSED STRUCTURE

TYPE: Same as existing, with widened deck

SPANS: Same as existing

ROADWAY: 52'-0" f/f curbs, 5'-0" sidewalks, tubular steel railings (as per plan)

LOADING: HS 20-44

WEARING SURFACE: 1 1/2" (min.) Latex Modified Concrete

SKEW: None

ALIGNMENT: Tangent and 6° curve left

SUPERELEVATION: None

APPROACH SLABS: As-1-81 (Modified as per plan)

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ALDEN E. STILSON & ASSOCIATES, LIMITED
 CONSULTING ENGINEERS
 CLEVELAND, OHIO COLUMBUS, OHIO WHEELING, W. VA.

CUYAHOGA COUNTY ENGINEER
 CLEVELAND OHIO

BROOKPARK ROAD
 BRIDGE NO. CUY-17-0283
 OVER ROCKY RIVER
 CITIES OF CLEVELAND & FAIRVIEW PARK

GENERAL PLAN AND ELEVATION
 TYPICAL SECTIONS

COUNTY BRIDGE NO. 39 REPORT NO. 7068 DATE 3-27-84

NO. B-191

DESIGN WM	DRAWN R.T.	CHECKED G.W.M.	REVISED TO AS BUILT
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