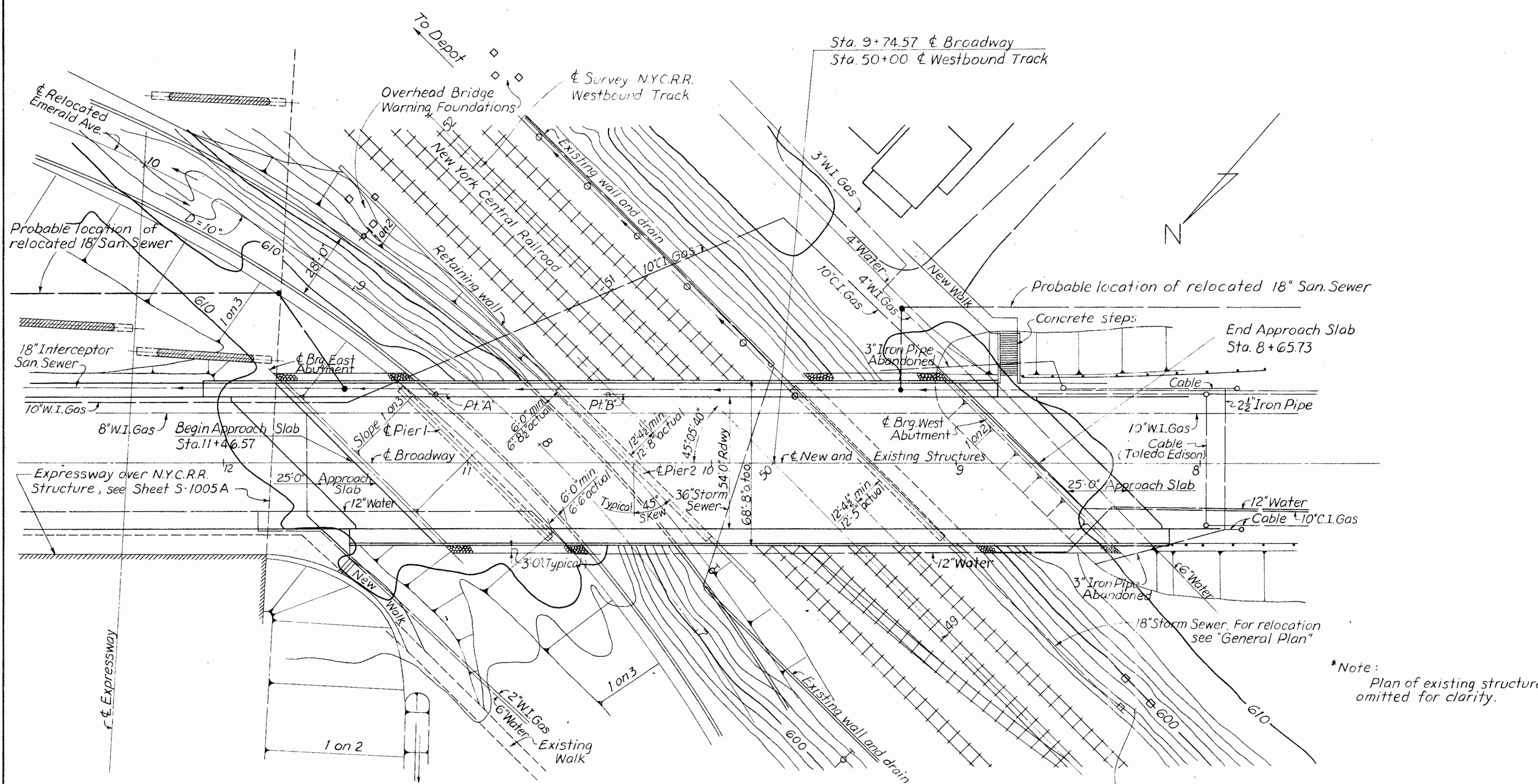
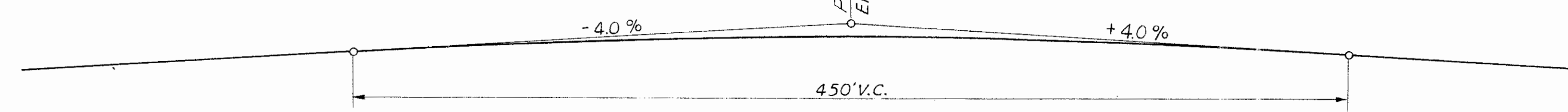


FED.ROADS DIV. NO.	STATE	FED. AID PROJECT NO.
2	OHIO	U-498(G)

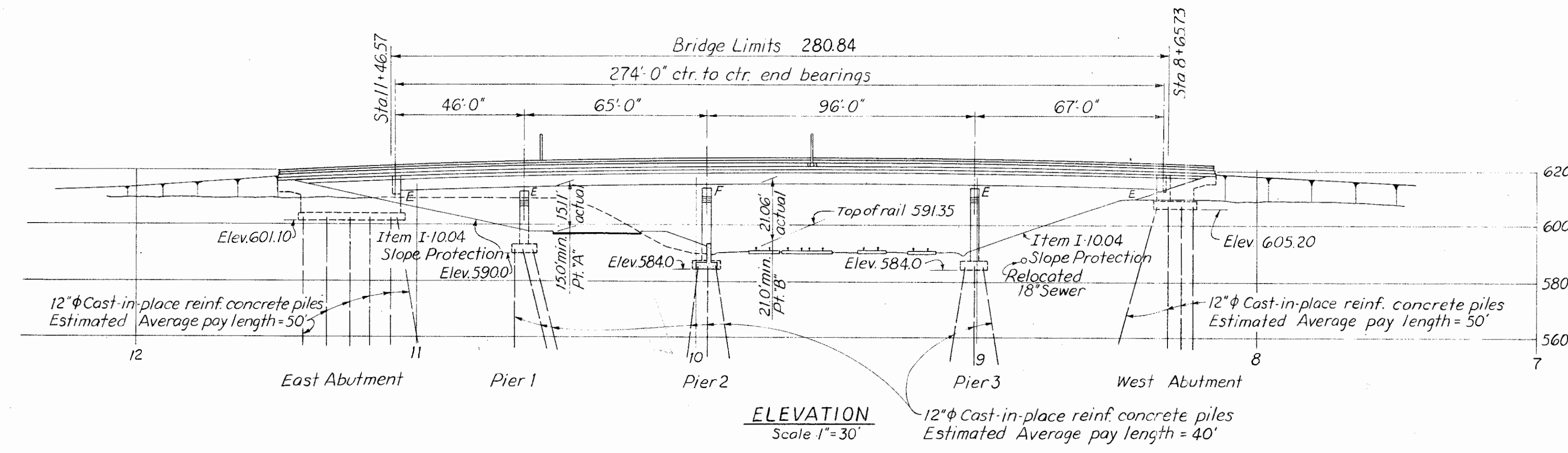
LUCAS COUNTY
CITY OF TOLEDO
TOLEDO EXPRESSWAY SYSTEM
LUC 2-18.08



PLAN
Scale 1"=30'



BROADWAY PROFILE

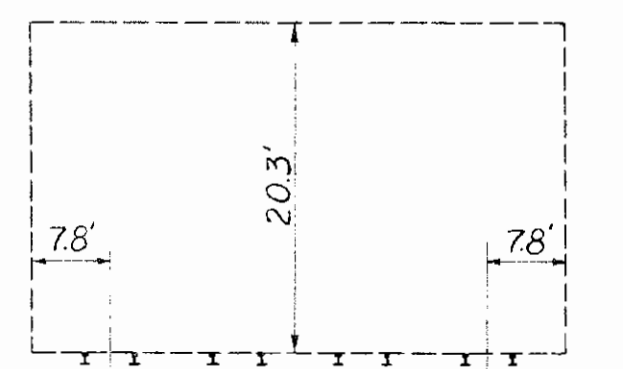


ELEVATION
Scale 1"=30'

BENCH MARKS

B.M."B" Cut on top of East flange bolt of fire hydrant
S.E. corner of Broadway and Logan. Elevation 608.31

B.M."D" Cut on top of East concrete foundation for bridge
warning 46' Lt. of Sta. 48+36 N.Y.C.R.R. Elevation 591.23



CLEARANCE DIAGRAM - EXISTING STRUCTURE

EXISTING STRUCTURE

(To Be Removed)

Type: 3 Simple Pony Truss Spans
Spans: 38' - 81' - 40' (Clear Spans)
177'-0" (Length out to out)
Roadway: 2 - 18'-6" Rdwys. with median and 2 - 6'-0" sidewalks
Skew: 45°
Deck: Timber
Abutments: Concrete - stub type
Piers: Steel Columns on concrete pedestals
Foundations: Piers - Timber piles
Abutments - Unknown

PROPOSED STRUCTURE

Type: Continuous welded carbon steel (A313) girders with reinforced concrete deck. Reinforced concrete substructure. Stub abutments and "T" type piers.
Spans: 46'-0", 65'-0", 96'-0", 67'-0" 274'-0"
Roadway: 54'-0" roadway with 6'-0" sidewalk each side
Loading: CF 2000(57) adequate for AASHTO alternate loading
Skew: 45°
Surface Course: 1" monolithic concrete wearing surface
Approach Slabs: AS-1-54 (25' long)

FOUNDATION SOUNDINGS:

Foundation design and foundation quantities are based on a study of rod soundings and soil sampling soundings made at the site. This sounding information may be inspected in the office of the Bureau of Bridges in Columbus or in the Division Office, but the State does not guarantee the accuracy thereof.

HOWARD NEEDLES TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK

SITE PLAN
BROADWAY OVER NEW YORK
CENTRAL R.R. & EMERALD AVE. RELOC.
BR.No. LUC 2-1819 STA. 8+65.73 TO
STA. 11+46.57

TOLEDO EXPRESSWAY SYSTEM
TOLEDO LUCAS COUNTY OHIO

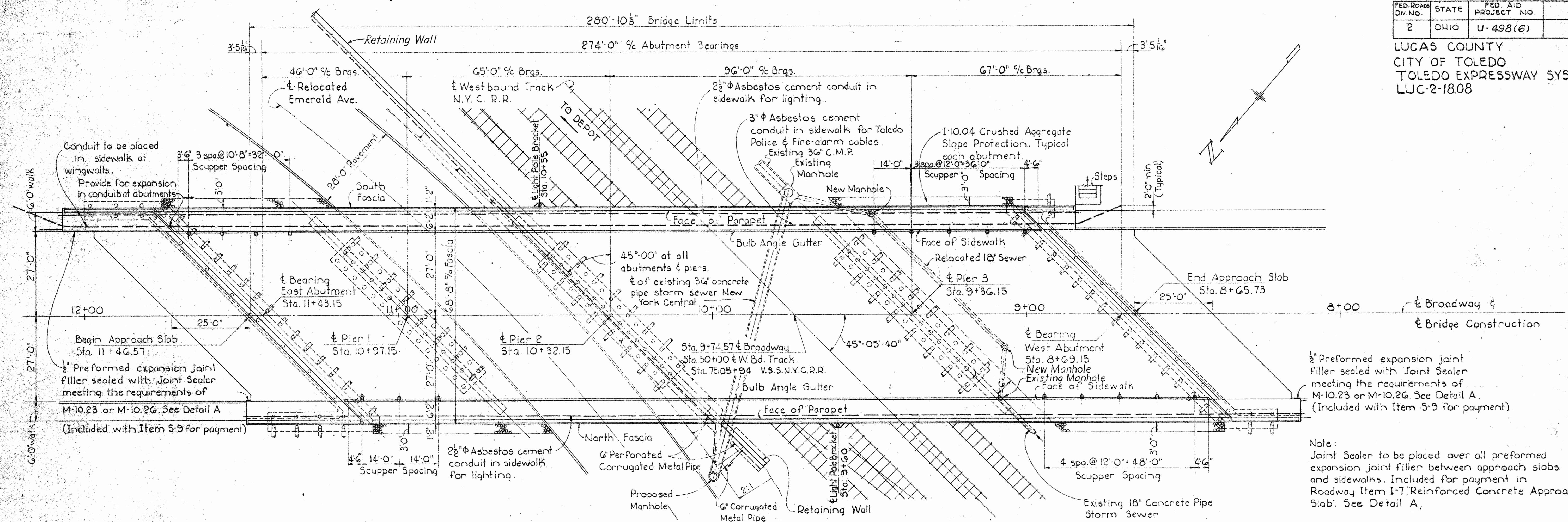
DRAWN ID, CR DATE	TRACED JHY DATE	CHECKED BTH DATE	REVIEWED DATE	REVISED DATE
9/15/60	5/5/61	5/5/61		

DESIGN & PLANS BY
SANZENBACHER, MILLER & BRIGHAM
TOLEDO, OHIO
H.N.T.B. Bridge No. 8C

R30024 49 C-125

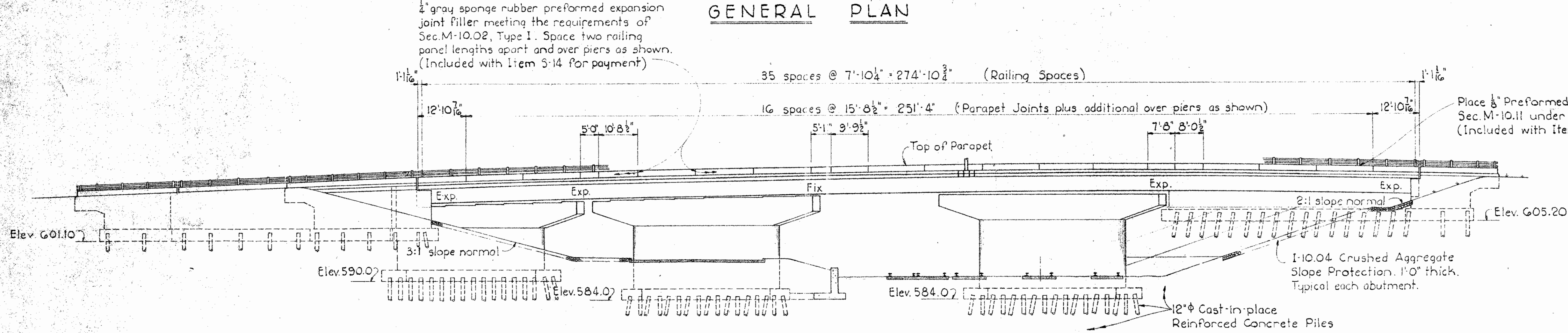
FED. ROAD DIST. NO.	STATE	FED. AID PROJECT NO.	23
2	OHIO	U-498(6)	

LUCAS COUNTY
CITY OF TOLEDO
TOLEDO EXPRESSWAY SYSTEM
LUC-2-1808

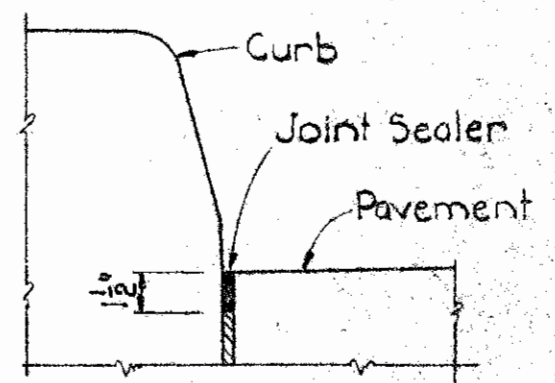


GENERAL PLAN

Note:
Joint Sealer to be placed over all preformed expansion joint filler between approach slabs and sidewalks. Included for payment in Roadway Item 1-7, Reinforced Concrete Approach Slab. See Detail A.



GENERAL ELEVATION



DETAIL A

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
KANSAS CITY CLEVELAND NEW YORK

GENERAL PLAN & ELEVATION
BROADWAY OVER NEW YORK
CENTRAL R.R. & EMERALD AVE. RELOC.
BR. NO. LUC-2-1819 STA 8+65.73 TO
STA. 11+46.57
TOLEDO EXPRESSWAY SYSTEM
TOLEDO LUCAS COUNTY OHIO

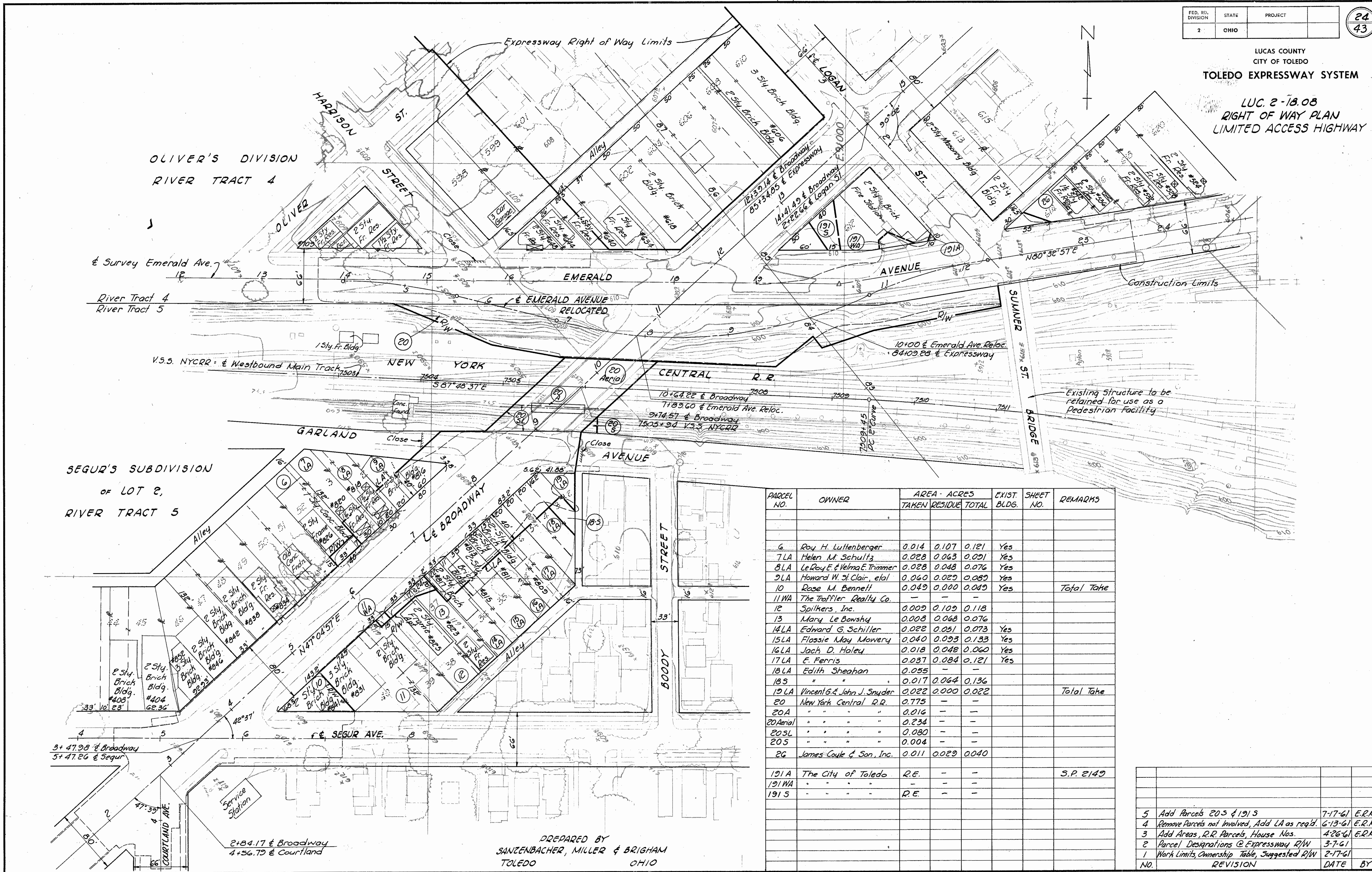
DRAWN: S.M.B./T.W.D.	TRACED: DATE:	CHECKED: S.M.B./S.J.H.	REVIEWED: DATE:	REVISION: SHEET 23
DATE: DEC. 15, 1960		DATE: MAR. 8, 1961		

DESIGN AND PLANS BY
SANZENBACHER, MILLER & BRIGHAM, TOLEDO, OHIO

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

LUCAS COUNTY
CITY OF TOLEDO
TOLEDO EXPRESSWAY SYSTEM

LUC. 2-18.08
RIGHT OF WAY PLAN
LIMITED ACCESS HIGHWAY



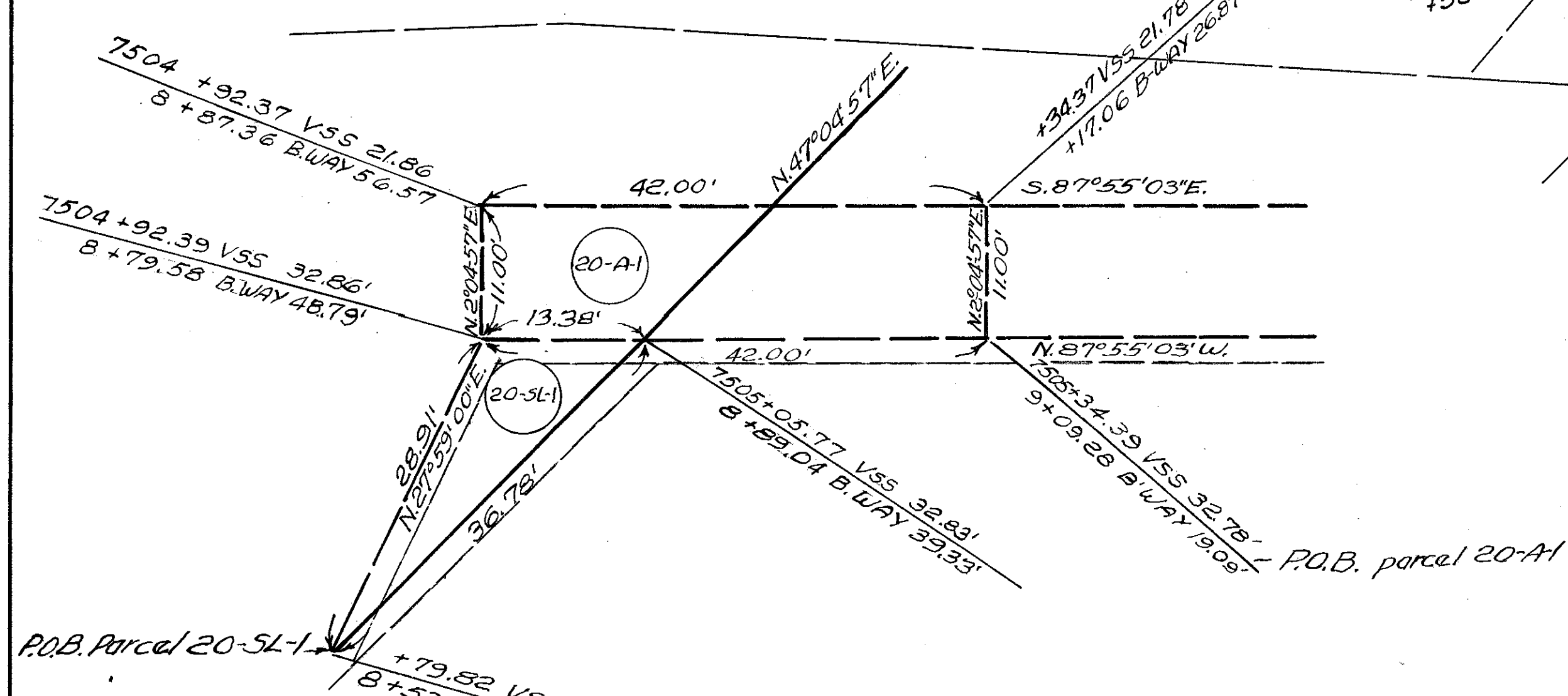
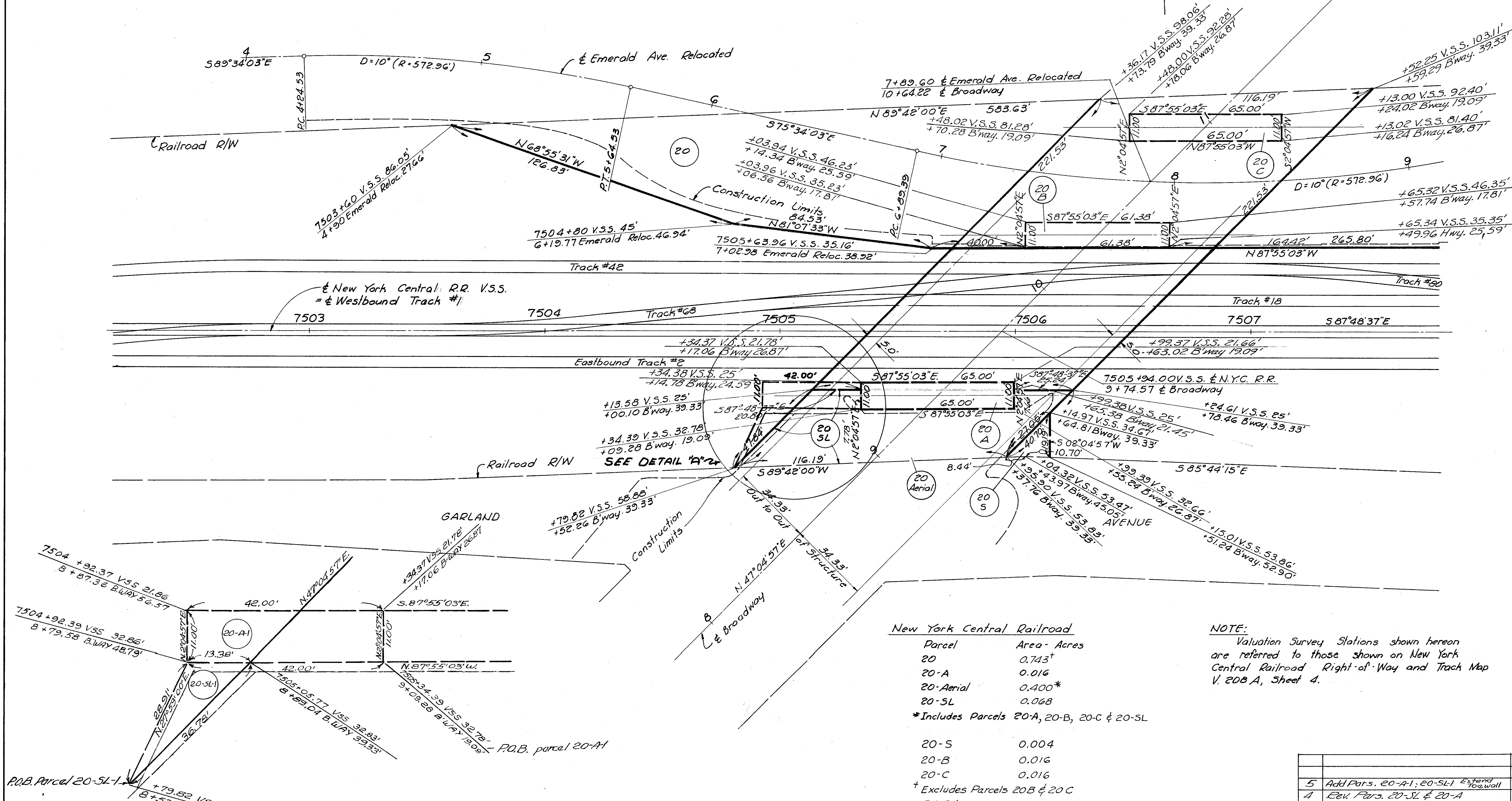
PARCEL NO.	OWNER	AREA - ACRES			EXIST. BLDG.	SHEET NO.	REMARKS
		TAKEN	RESIDUE	TOTAL			
6	Roy H. Littenberger	0.014	0.107	0.121	Yes		
7 LA	Helen M. Schultz	0.028	0.063	0.091	Yes		
8 LA	Le Roy E. & Velma E. Trimmer	0.028	0.048	0.076	Yes		
9 LA	Howard W. St. Clair, et al	0.060	0.023	0.083	Yes		
10	Rose M. Bennett	0.049	0.000	0.049	Yes		Total Take
11 WA	The Troffler Realty Co.	-	-	-			
12	Spilkers, Inc.	0.009	0.109	0.118			
13	Mary Le Bowshy	0.008	0.068	0.076			
14 LA	Edward G. Schiller	0.022	0.051	0.073	Yes		
15 LA	Flossie May Mowery	0.040	0.093	0.133	Yes		
16 LA	Jack D. Haley	0.018	0.048	0.066	Yes		
17 LA	E. Ferris	0.037	0.084	0.121	Yes		
18 LA	Edith Sheahan	0.055	-	-			
18 S	"	0.017	0.064	0.136			
19 LA	Vincent G. & John J. Snyder	0.022	0.000	0.022			Total Take
20	New York Central R.R.	0.775	-	-			
20 A	"	0.016	-	-			
20 Aerial	"	0.234	-	-			
20 S L	"	0.080	-	-			
20 S	"	0.004	-	-			
26	James Coule & Son, Inc.	0.011	0.029	0.040			
191 A	The City of Toledo	R.E.	-	-			S.P. 2149
191 WA	"	-	-	-			
191 S	"	R.E.	-	-			

NO.	REVISION	DATE	BY
5	Add Parcels 20 S & 191 S	7-17-61	E.R.M.
4	Remove Parcels not Involved, Add LA as req'd.	6-13-61	E.R.M.
3	Add Areas, R.R. Parcels, House Nos.	4-26-61	E.R.M.
2	Parcel Designations @ Expressway R/W	3-7-61	
1	Work Limits, Ownership Table, Suggested R/W	2-17-61	

PREPARED BY
SANZENBACHER, MILLER & BRIGHAM
TOLEDO OHIO

FED. RD. DIVISION	STATE	PROJECT	25 43
2	OHIO		

LUCAS COUNTY
CITY OF TOLEDO
TOLEDO EXPRESSWAY SYSTEM
EXPRESSWAY - PART 18
LUC. 2 - 18.08
RIGHT OF WAY PLAN
NEW YORK CENTRAL RAILROAD
Sheet 1 of 2



New York Central Railroad

Parcel	Area - Acres
20	0.743 [†]
20-A	0.016
20-Aerial	0.400*
20-SL	0.068
*Includes Parcels 20-A, 20-B, 20-C & 20-SL	
20-S	0.004
20-B	0.016
20-C	0.016
† Excludes Parcels 20B & 20C	
20-A1	0.011
20-SL1	0.004

NOTE:
Valuation Survey Stations shown hereon are referred to those shown on New York Central Railroad Right-of-Way and Track Map V. 20B A, Sheet 4.

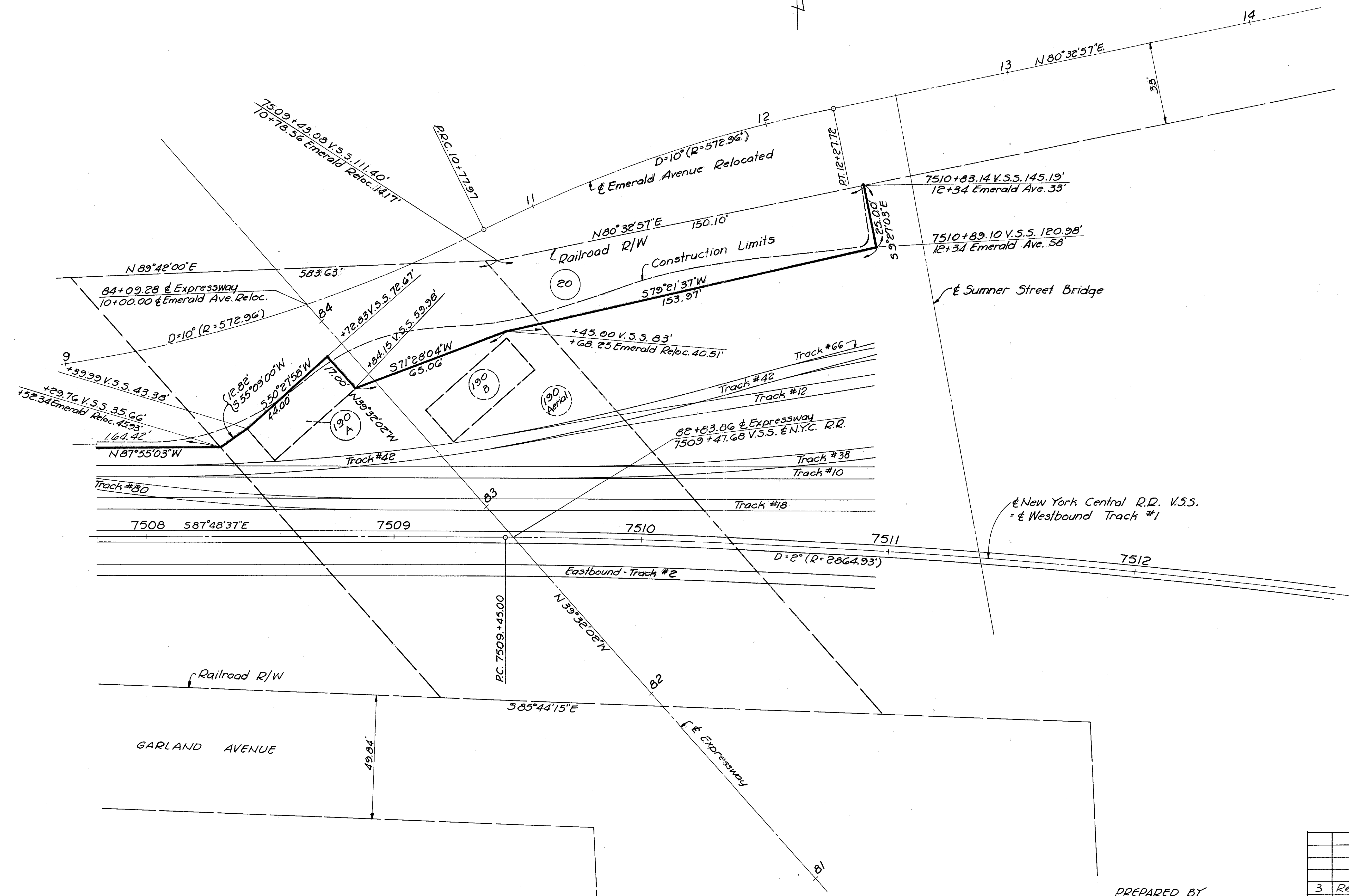
PREPARED BY
SANZENBACHER, MILLER & BRIGHAM
TOLEDO OHIO

NO.	REVISION	DATE	BY
5	Add Pars. 20-A1; 20-SL1 Extend Toa.wall	10-10-6	ERM.
4	Rev. Pars. 20-SL & 20-A	7-2-62	FD/G.
3	Add Pars. 20B, 20C; Rev. Pars. 20, 20Aerial	6-21-62	ERM
2	Add Par. 20S	7-17-61	ERM
1	Complete Par. 20, Add Par. 20 SL	4-6-61	ERM

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

26
43

LUCAS COUNTY
CITY OF TOLEDO
TOLEDO EXPRESSWAY SYSTEM
EXPRESSWAY - PART 18
LUC. 2 - 18.08
RIGHT OF WAY PLAN
NEW YORK CENTRAL RAILROAD
Sheet 2 of 2



↪ New York Central R.R. V.S.S.
↪ Westbound Track #1

↪ Sumner Street Bridge

↪ Emerald Avenue Relocated

↪ Railroad R/W

↪ Expressway

↪ Garland Avenue

↪ Parcel 20

↪ Parcel 190

↪ Parcel 190A

↪ Parcel 190B

PREPARED BY
SANZENBACHER, MILLER & BRIGHAM
TOLEDO OHIO

No.	REVISION	DATE	BY
3	Revise Parcel 20	6-21-62	ERM
2	Revise Track Numbers	5-9-61	JPB
1	Complete Parcel 20	4-6-61	ERM

BRIDGE OVER BROADWAY LOC. 5-18