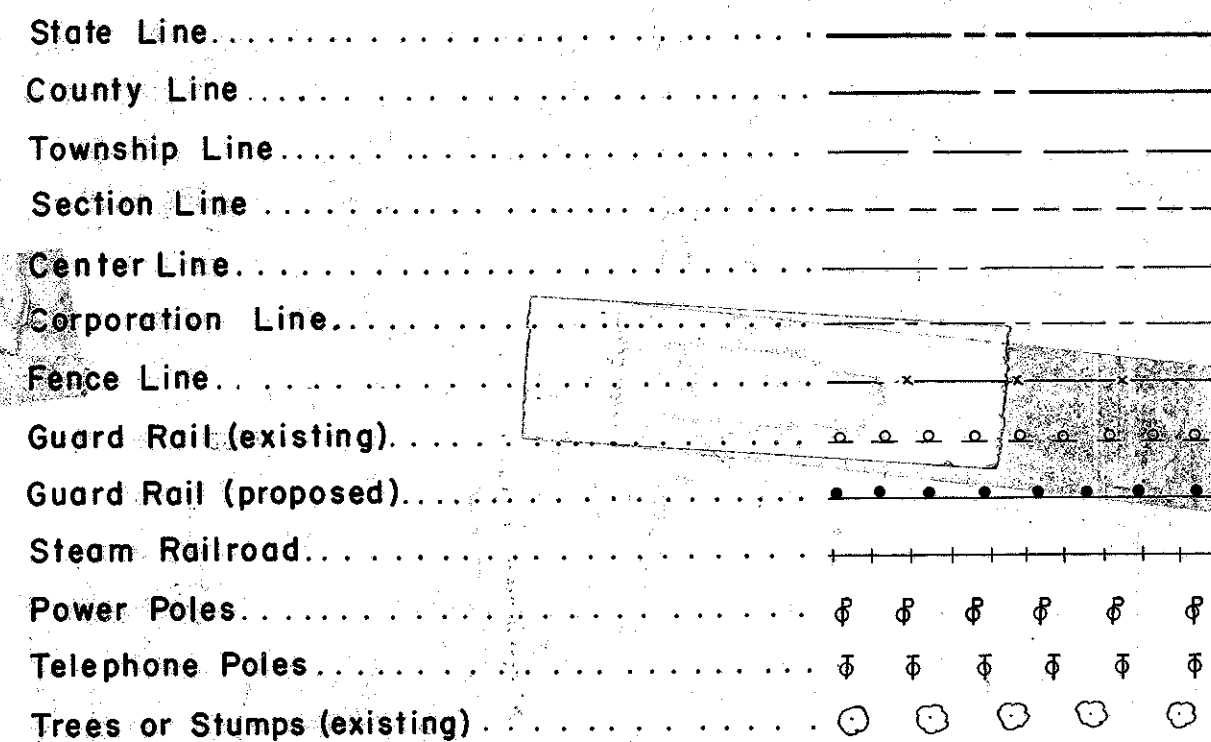


1-M MICROFILMED  
DEC 10 1987

CONVENTIONAL SIGNS



STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
LAK - 1 - 12.89  
CONCORD TOWNSHIP  
LAKE COUNTY

LIMITED ACCESS

This improvement has been declared a limited access highway or freeway by action of the Director of Highways in accordance with the provisions of Section 5511.02, Revised Code of Ohio and is especially designed for through traffic.

FEDERAL RD DIVISION	STATE	PROJECT
2	OHIO	ACI-1103 (21)

1  
488

LAKE COUNTY  
LAK - 1 - 12.89  
C-32

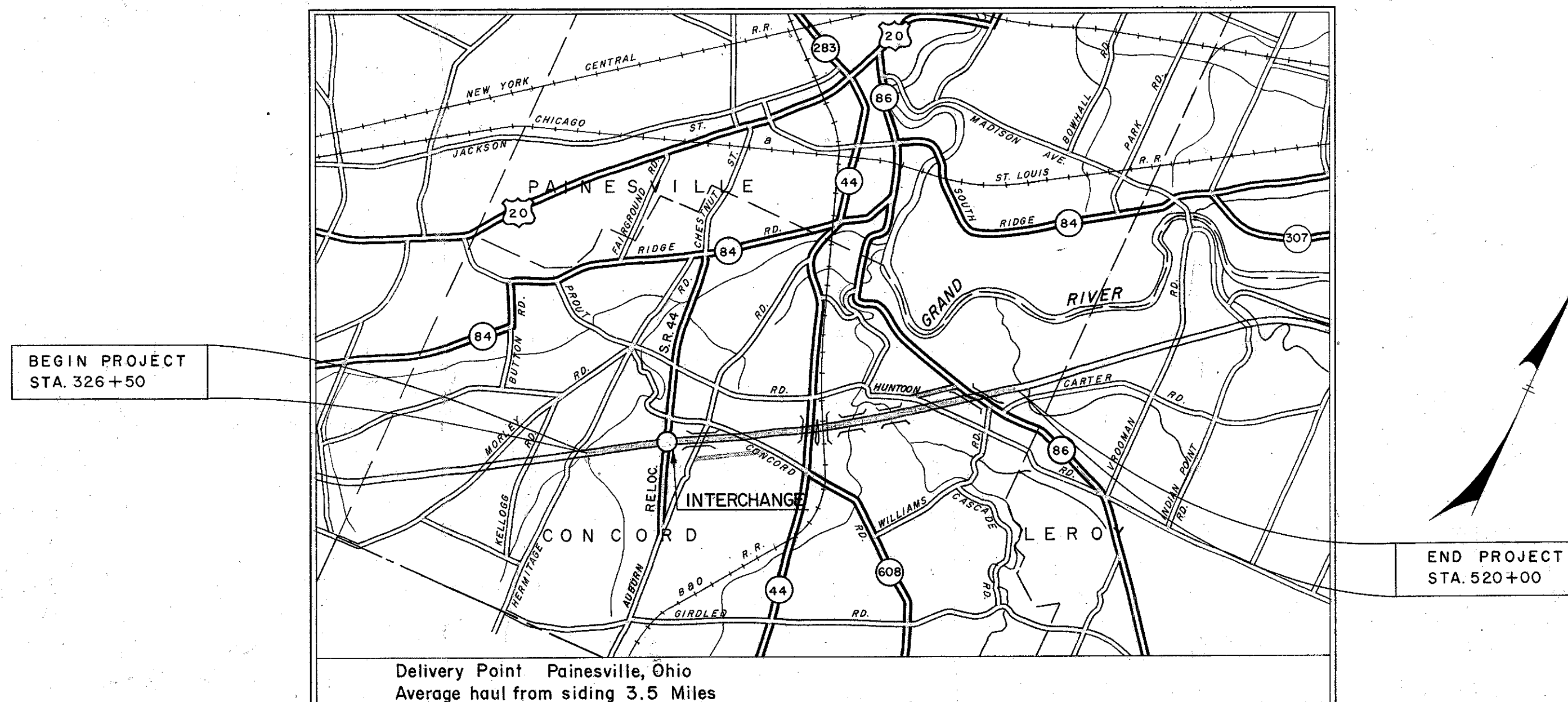
LAK-90-~~12.89~~  
13.88-17.54

APR 3 1962  
GROUND PHOTOLAB

GRADE SEPARATION WITH THE BALTIMORE & OHIO RAILROAD

INDEX

TITLE SHEET	1
TYPICAL SECTIONS	2-8
SUPERELEVATION TABLES	9
GENERAL NOTES	10-11
COMPUTATIONS & SUB-SUMMARIES	12
SCHEMATIC LAYOUT	13
GENERAL SUMMARY	14-16
PLAN & PROFILE	17-37
CROSS SECTIONS	38-279
RELOC. S.R. 44 INTERCHANGE	
PLAN, PROFILE & CROSS-SECTIONS	280-330
GRADING PLAN	331
LIGHTING PLAN	332
AUBURN ROAD	
PLAN, PROFILE & CROSS-SECTIONS	333-335
CONCORD ROAD RELOC.	
PLAN, PROFILE & CROSS-SECTIONS	336-348
EXISTING S.R. 44	
PLAN, PROFILE & CROSS-SECTIONS	349-356
B & O RAILROAD DETOUR	
PLAN, PROFILE & CROSS-SECTIONS	357-360
BIG CREEK CHANNEL RELOC.	
PLAN, PROFILE & CROSS-SECTIONS	361-366
HUNTOON ROAD RELOC.	
PLAN, PROFILE & CROSS-SECTIONS	367-375
S.R. 86 & S.R. 86 PRIVATE DRIVES	
PLAN, PROFILE & CROSS-SECTIONS	376-392
STRUCTURES, 20 FT. SPAN & UNDER	393-399
SKEWED HEADWALL DETAILS	400
I-2 & I-4 DRAINAGE DETAILS	401
DRAINAGE DETAILS	402
PAVED MEDIAN CROSS-OVER DETAILS	403
STRIPING & PAINTING DETAILS	404
REFERENCE MONUMENT & DELINEATOR DETAIL	405
TYPICAL APPROACH SLAB EROSION CONTROL	406
STRUCTURES OVER 20 FT. SPAN	407-468, 444A, 452A
FORCE ACCOUNT WORK	469
B & O RAILROAD	
RIGHT-OF-WAY PLANS	470-488



BEGIN PROJECT  
STA. 326+50

END PROJECT  
STA. 520+00

Delivery Point Painesville, Ohio  
Average haul from siding 3.5 Miles

LOCATION MAP

SCALE IN MILES



LEGEND

- Portion to be improved
- State Roads
- Other Roads

SCALE

- Plan 1" = 50'
- Profile Horizontal 1" = 50'
- Profile Vertical 1" = 10'

Sheets 464 and 465 revised 8-4-59.  
Sheet 465A added 8-4-59.

APR 3 1962  
GROUND PHOTOLAB

LINE DATA

BEGIN PROJECT	STA. 326 + 50
END PROJECT	STA. 520 + 00
GROSS LENGTH OF PROJECT	19,350.00 LIN. FT.
DEDUCT FOR EQUATION	2.53 LIN. FT.
NET LENGTH OF PROJECT	19,347.47 LIN. FT. OR 3664 MILE
NET LENGTH OF WORK	19,597.47 LIN. FT.
ADD FOR APPROACHES	10,623.93
TOTAL LENGTH OF WORK	30,221.40 LIN. FT. OR 5724 MILE

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS

I-15 No.5	12-9-57	T-35	1-2-56	I-8 M.H. N°2	5-1-52
I-15 No.2	6-1-57	B-T-71R	3-2-53	I-14G	1-22-52
I-15 No.6	12-9-57	L.J. No.1	7-1-55	G-707	6-1-56
I-15 No.2B	6-1-57	T.J.	5-1-56	B-T-50-70-71E N°1	10-1-47
I-15 No.1	8-1-55	S-27 P.C.3	2-20-45	AR-1-57	3-1-58
HW-C	7-15-57	S-27 P.C.4	1-4-54	CSB-2-56 Sht.2	3-1-58
HW-A&B	7-15-57	I-1,2,3,4 & 5	2-20-45	CSB-2-56 Sht.3	3-1-58
F-1	4-1-57	I-8 C.B. #4	7-1-58	RB-1-55	3-1-55
L-1	4-1-50	I-8 C.B. #5	7-1-58	AS-1-54	12-1-54
L-3	4-1-50	I-8 C.B.2-A&B	8-1-56	I-21-23	8-1-56
L-3A	4-1-50	I-8 C.B. #6	5-1-52	CSB-2-56 Sht.1	3-1-58
R-I-1	1-3-55	I-8 M.H. N°1	5-1-52		
DR-1	1-3-55	I-8 M.H. N°1A	1-3-55		

APR 3 1962

GROUND PHOTOLAB

The standard specifications of the State of Ohio, Department of Highways, including changes and supplemental specifications listed in the proposal shall govern this improvement.

The right of way for this improvement will be provided by the State of Ohio.

I hereby approve these plans and declare that the making of this improvement will not require the closing of the highway to traffic and that provisions for the maintenance and safety of traffic will be as set forth on the plans and estimates.

Approved: *B. J. Schwan*  
Date 7-22-58 Chief Engineer, Interstate Projects

Approved: *G. H. Makeover*  
Date 8-1-58 Deputy Director, Planning & Programming

Approved: *R. E. Washburn*  
Date 7-24-58 Deputy Director, Design & Construction

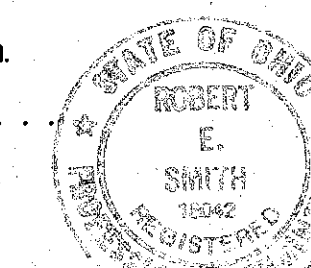
Approved: *George J. Thorny*  
Date 3/1/58 First Assistant Director

Approved: *Charles M. Noble*  
Date 4/1/58 Director of Highways

Sheets 445 and 447 Revised 7-24-58.  
Sheet 448 Superseded by 448R 7-24-58.  
Sheets 413 and 414 Revised 10-22-58  
Sheet Nos. 2, 3, 9, 12, 14, 17, 21, 26, 27, 28, 34, 283, 295, 298, 307, 331 & 332 dated 27 October 1958 Substituted for same sheets in the original plan.  
Sheet No. 428 Revised 12-8-58.  
Sheets No. 436 & 437 Revised 12-23-58.

Prepared and Recommended By  
Capitol Engineering Associates  
Consulting Engineers, Drillsburg, Pa.

*J. Smith*  
Partner



DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

Approved: *H. G. Edwards*  
Date 7-22-59 Engineer of Traffic

File No.	LAKE COUNTY	LAK-1-12.89
No.	Date of Letting	19
	Contract No.	