

STATE OF OHIO DEPARTMENT OF TRANSPORTATION CUY-480-19.43

I-480-4(30)173

FHWA REGION	STATE	PROJECT
5	OHIO	I-480-4(30)173

CUYAHOGA COUNTY
CUY-480-19.43

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR OF TRANSPORTATION IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02, REVISED CODE OF OHIO

Sheets 412, 413, 418 revised 9-23-76 EBL

ORIGINAL CONSTRUCTION OF CFNS

184801963, 184801964, 184801965, 184801973, 184801974
184802072 AND 184802081

PART 1- FOR PART 2 SEE PLANS FOR SECTION CUY- CR 448

1975 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL 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 DATE 9-16-75
Thomas M. Krall
DISTRICT DEPUTY DIRECTOR OF TRANSPORTATION
- APPROVED DATE 11/5/75
Robert B. Pfeiffer
ENGINEER, BUREAU OF BRIDGES
- APPROVED DATE 11-17-75
C. J. Schaefer
ENGINEER, BUREAU OF ROADWAY DESIGN
- APPROVED DATE 11-17-75
John B. Ellis
ASSISTANT DEPUTY DIRECTOR FOR HIGHWAY DESIGN
- APPROVED DATE 11/17/75
W. Billingsley
ASSISTANT DEPUTY DIRECTOR FOR REAL ESTATE
- APPROVED DATE 11-17-75
Howard E. Notman
ASSISTANT DEPUTY DIRECTOR FOR PROGRAM DEVELOPMENT
- APPROVED DATE 11-17-75
R. E. Catlin
CHIEF ENGINEER, DESIGN
- APPROVED DATE 11-17-75
J. D. Stickleman
CHIEF ENGINEER, CONSTRUCTION
- APPROVED DATE _____
CHIEF ENGINEER, OPERATIONS
- APPROVED DATE _____
ASSISTANT DIRECTOR, DEPARTMENT OF TRANSPORTATION
- APPROVED DATE 11-17-75
Richard D. Jack
DIRECTOR, DEPARTMENT OF TRANSPORTATION

Made by AHS 10-27-75
Checked JNS 10-28-75

**DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

APPROVED

DIVISION ADMINISTRATOR DATE

CONVENTIONAL SIGNS

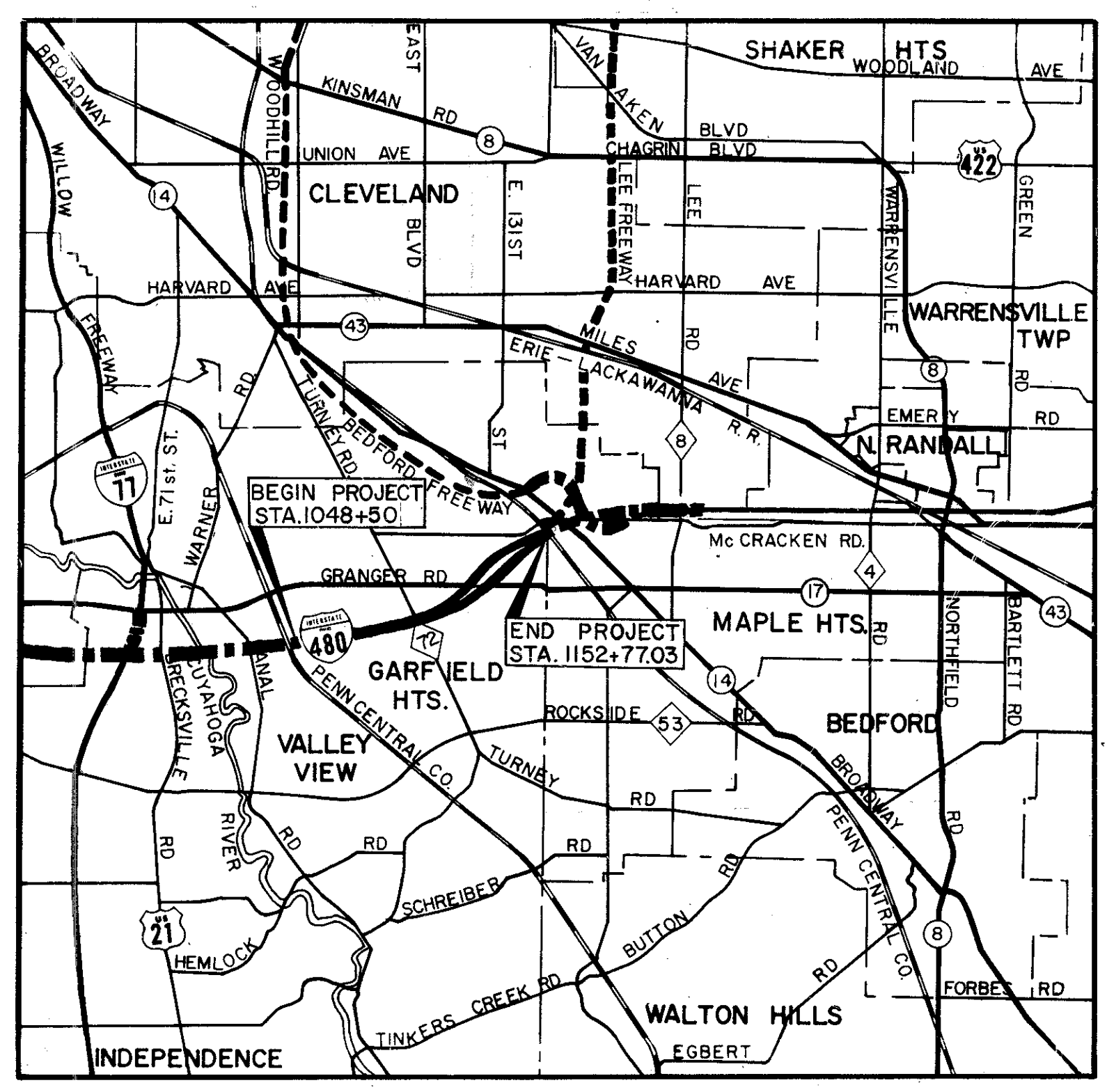
PROPERTY LINE	---	---
EXISTING RIGHT OF WAY	---	---
SUBDIVISION LINE	---	---
COMMON OWNERSHIP LINE	---	---
ORIGINAL TOWNSHIP LOT LINE	---	---
CORPORATION LINE	---	---
LIMITED ACCESS LINE	---	LA
LIMITED ACCESS LINE AND RIGHT OF WAY LINE	---	LA & RW
RIGHT OF WAY LINE AND HIGHWAY EASEMENT LINE	---	R/W
AERIAL EASEMENT LINE	---	AERIAL
TEMPORARY RIGHT OF WAY	---	T
SEWER EASEMENT LINE	---	S
SLOPE EASEMENT LINE	---	SL
CHANNEL EASEMENT	---	X
PARTICIPATION LINE	---	P
CENTER LINE	---	---
FENCE LINE	---	x
GUARD RAIL (EXISTING)	---	---
GUARD RAIL (PROPOSED)	---	---
RAILROAD	---	OR
POWER POLES	---	---
TELEPHONE POLES	---	---
POWER AND TELEPHONE POLES	---	---
LIGHT POLES	---	---
TREES (EXISTING)	---	---
ELECTRICAL TOWER	---	---
WATER LINE	---	---
GAS LINE	---	---
TELEPHONE CONDUIT	---	---
SEWER LINES (PROPOSED)	---	---
STORM SEWER (EXISTING)	---	---
SANITARY SEWER (EXISTING)	---	---
OIL LINE	---	---
FIRE HYDRANT (EXISTING)	---	---
FIRE HYDRANT (PROPOSED)	---	---
MANHOLE (EXISTING)	---	---
STORM MANHOLES (PROPOSED)	---	---
SANITARY MANHOLES (PROPOSED)	---	---
CATCH BASIN OR INLET (EXISTING)	---	---
CATCH BASIN OR INLET (PROPOSED)	---	---
CONSTRUCTION LIMITS	---	---

INDEX OF SHEETS

TITLE SHEET	1	MISCELLANEOUS AND DRAINAGE DETAILS	253-261, 263, 263A-C
SCHEMATIC PLAN	2	CULVERT DETAILS	264-265
SCHEMATIC GEOMETRIC PLAN	3-4	RETAINING WALL DETAILS	266-268
GEOMETRIC TABLE	5	WATERWORK PLANS	269-290, 292-305, 277A-B, 283A, 286A, 287A, 295A-D, 303A
BENCH MARKS AND TRAVERSE TIES	6-7	TRAFFIC CONTROL PLANS	315-342, 327A
DESIGN DESIGNATION	8	TRAFFIC SIGNAL PLANS	343-366
TYPICAL SECTIONS	9-22	TRAFFIC SIGNAL PLANS	367-384, 367A-C
GENERAL NOTES	23-26	STRUCTURES OVER 20FT. SPAN	385-427, 388A, 408A, 414A, 424A
COMPUTATIONS AND SUB-SUMMARIES	27-34	RIGHT OF WAY	428-478, 465A, 473A, 475A
GENERAL SUMMARY	35-42, and 35A	NOT USED	43, 44, 45, 248, 249, 262, 291, 306-314
PAVEMENT PLANS	46-54, and 51A		
PROFILE PLANS	55-69		
INTERSECTION DETAILS	70-78		
DRIVE DETAILS	79-80		
SCHEMATIC DRAINAGE PLAN	81		
DRAINAGE PLANS	82-100		
STORM SEWER PROFILES	101-122		
SANITARY SEWER PROFILES	123-129		
CROSS SECTION LAYOUT	130		
CROSS SECTIONS	131-247		
CROSSOVER DETAIL	250		
TEMPORARY TURNPIKE ROAD	251		
TEMPORARY GRANGER ROAD	252		
EAST 126th Street	52A-52G		

HOWARD NEEDLES TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
CLEVELAND
Browning Crow
BROWNING CROW

FILE NO.	CUY-480-19.43	00350
DATE OF LETTING		
CONTRACT NO.		



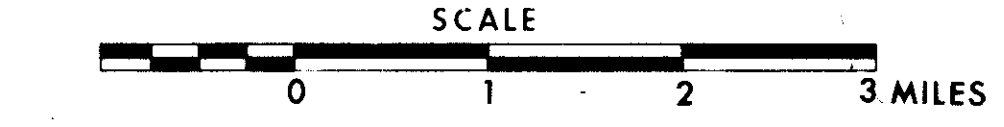
Sheet Nos. 1, 330, 331, 332, 368 & 369
Revised 12-29-75 S.M.K.
Sheets 388, 388A, 396, 397, 398, 400, 401, 402
revised 1-15-76 EBL
Sheets 390 & 392 revised 2-2-76.

Sheet 390, 399, 405, 406, 414A, 415 & 417 revised 2-10-76 EBL
Sheets 392, 416, 417, & 418 revised 3-18-76 EBL
Sheets 388, 388A, 389, 398, 408, 408A, 409, 410, 411, 412, 413, 416, 422
revised 4-22-76 EBL
Sheet 394 revised 7-29-76 C.P.D.

TC-7.65	10-1-74
TC-12.30	10-1-74
TC-15.115	10-1-74
TC-21.10	10-1-74
TC-22.10	10-1-74
TC-51.10	6-2-75
TC-51.11	6-2-75

SUPPLEMENTAL SPECIFICATIONS

NUMBER	DATE	NUMBER	DATE
		934	1-1-69
808	1-1-71		
		1001	9-20-72
		S 625	1-11-74
		S 713	1-11-74
836	3-12-75	842	8-29-74
838	3-18-70	844	11-8-74
839	11-23-70		



PORTION TO BE IMPROVED
STATE ROADS
OTHER ROADS
FUTURE CONSTRUCTION
UNDER CONSTRUCTION

PLAN 1" = 50'
CROSS SECTIONS 1" = 10'

PROFILE HOR 1" = 100'
PROFILE VERT 1" = 10'

LINE DATA

WORK	PROJECT
I-480 1040+35.00 to 1040+50.00 = 15.00 Lin. Ft.	I-480
I-480 1040+25.85 to 1153+08.41 = 11,282.56 Lin. Ft.	BEGIN 1048+50.00
East 98th Street 4+00.00 to 29+50.00 = 2,550.00 Lin. Ft.	END 1152+77.03
Turney Road 11+44.18 to 23+83.50 = 1,239.32 Lin. Ft.	Miles 1.974
Granger Road 9+24.50 to 24+53.39 = 1,528.89 Lin. Ft.	
East 126th Street 10+57.16 to 23+26.00 = 1,268.84 Lin. Ft.	
Service Rd. (E 129th St to E 131st St) 11+24.80 to 11+11.24 = 386.44 Lin. Ft.	
NET Length Project 10,427.03 Lin. Ft. or 1.974 Miles	
NET Length Work 18,271.05 Lin. Ft. or 3.460 Miles	

STANDARD DRAWINGS

NUMBER	DATE	NUMBER	DATE
AS-1-72	6-30-72	BR-1-67	10-15-71
BP-1	6-1-65	HL-1	9-6-73
BP-2	12-1-68	HL-2 & 3	7-27-73
BP-3, 4 & 9	1-1-71	HL-4, 5, 6, & 7	9-6-73
BP-5	8-11-75	HL-8, 9 & 10	9-6-73
BP-6	6-1-65	HL-11 & 12	4-6-73
BP-7	1-1-66	HL-15 & 16	4-6-73
BP-10	1-3-75	HW-4	1-1-70
CB-2-2-A & B	6-1-65	I-1	6-1-65
CB-2-3 & 2-4	6-1-65	I-2 & 2A	6-6-69
CB-3, 3A & 7	6-1-65	HW-3	6-1-65
CB-4 & 5	9-1-69	L-1	6-1-73
CB-6	6-1-65	MC-1	6-13-69
CB-458A	6-6-68	MC-3	6-1-73
F-1	6-1-72	MC-4	6-13-69
F-6	6-12-75	MC-5	6-2-75
F-3 & 5	3-10-69	MC-6	6-1-75
F-4	6-1-65	MC-8	6-12-75
GR-2A	1-1-71	MC-9	1-1-74
GR-2B, 3 & 4	11-9-71	MC-1, 2, 3 & 5	5-12-75
GR-5, 6 & 7	1-1-71	BP-12	8-11-75
RB-1-55	2-2-69	SD-1-69	6-12-69