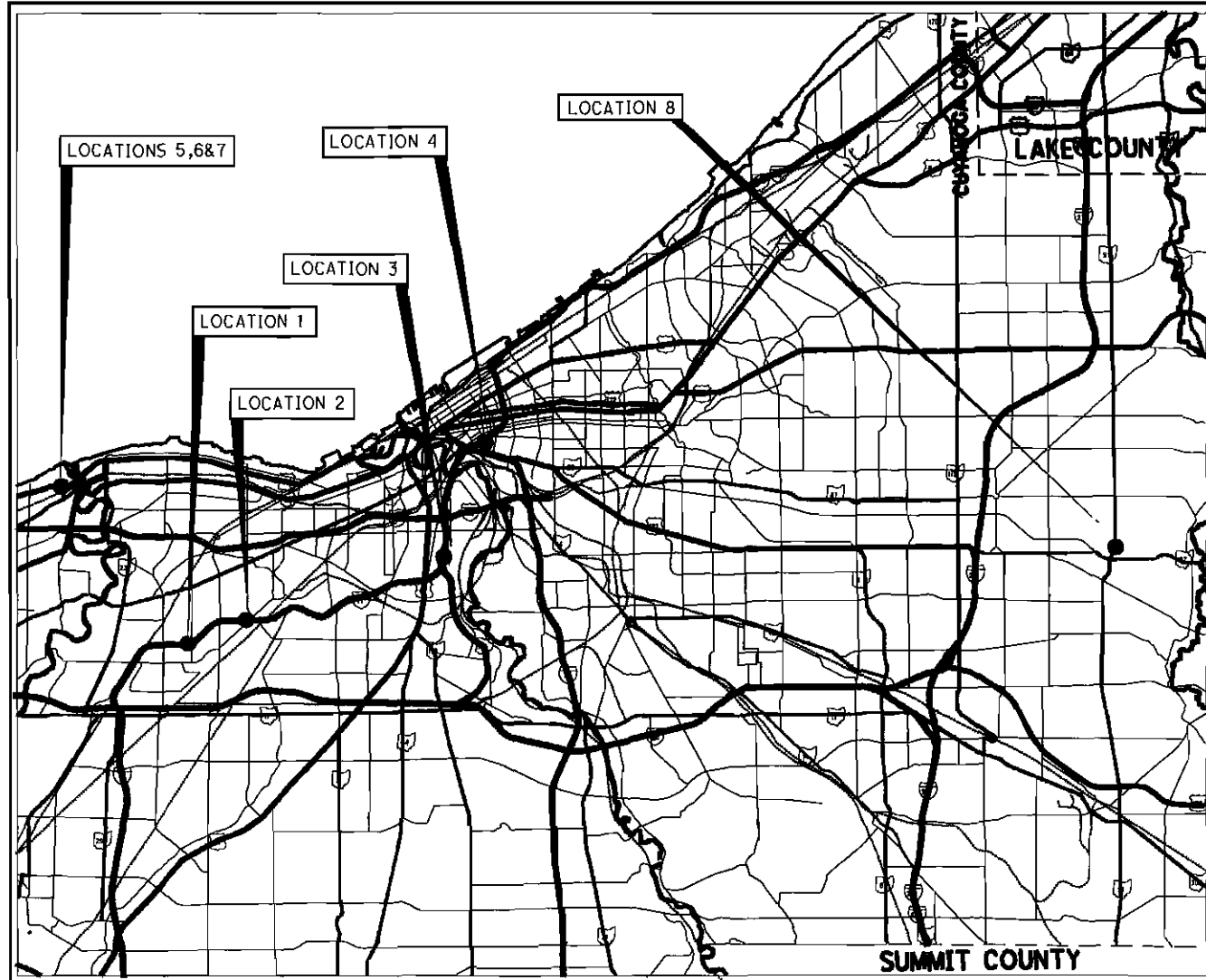


STATE OF OHIO DEPARTMENT OF TRANSPORTATION

PROJECT DESCRIPTION

MISC. REPAIRS



LATITUDE: 41° 21' 44"

LONGITUDE: 81° 49' 15"

LOCATION	BRIDGE NUMBER	STRUCTURAL FILE NUMBER	CITY, TOWNSHIP, OR VILLAGE	LOCATION	BRIDGE NUMBER	STRUCTURAL FILE NUMBER	CITY, TOWNSHIP, OR VILLAGE
1	CUY-71-1245	1804952	FAIRVIEW PARK	5	CUY-2-0725	1810561	ROCKY RIVER
2	CUY-71-1372	1805045	LINNDALE	6	CUY-2-0731 L	1800604	ROCKY RIVER
3	CUY-71-1791 R	1805371	CLEVELAND	7	CUT-2-0731 R	1801112	ROCKY RIVER
4	CUY-90-1676	1807838	CLEVELAND	8	CUY-91-0803	1809482	PEPPER PIKE

INDEX OF SHEETS

TITLE	1
LOCATION MAP	2-3
GENERAL NOTES	4-8
GENERAL SUMMARY	9-10
BRIDGE DATA SHEET	11
LOCATION 1 (CUY-71-1245)	12-13
LOCATION 2 (CUY-71-1372)	14-18
LOCATION 3 (CUY-71-1791 R)	19-21
LOCATION 4 (CUY-90-1676)	22-24
LOCATION 5 (CUY-2-0725)	25
LOCATIONS 6 & 7 (CUY-2-0731 L & R)	26-27
LOCATION 8 (CUY-91-0803)	28-29
MAINTENANCE OF TRAFFIC	30-35

2005 SPECIFICATIONS

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

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

UNDERGROUND UTILITIES
TWO WORKING DAYS
BEFORE YOU DIG
CALL 1-800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

PLAN PREPARED BY:

ODOT - DISTRICT TWELVE
PRODUCTION DEPARTMENT
5500 TRANSPORTATION BLVD.
GARFIELD HTS., OHIO 44125

THIS IS A MAINTENANCE PROJECT

PROJECT EARTH DISTURBED AREA = N/A (MAINT. PROJECT)
ESTIMATED CONTRACTOR EARTH DISTURBED AREA = N/A (MAINT. PROJECT)
NOTICE OF INTENT EARTH DISTURBED AREA = N/A (MAINT. PROJECT)

ENGINEER OF RECORD	STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS	
 <i>Keri J. Welch</i> KERI J. WELCH	EXJ-2-81	07/19/02	BP-5.1	07/28/00	MT-96.10	04/19/02	MT-99.50	10/18/02	800	01/19/07
	EXJ-3-87	07/19/02			MT-96.21	04/19/01	MT-99.50	10/18/02	832	04/25/06
	GSD-1-96	07/19/02	MT-35.10	04/20/01	MT-96.25	04/20/01	MT-101.20	09/05/06		
	VPF-1-90	07/19/02	MT-95.30	09/05/06	MT-97.10	09/05/06	MT-102.30	09/05/06		
			MT-95.31	09/05/06	MT-98.12	04/19/02	MT-105.10	10/18/02		
	TC-41.10	01/19/01	MT-95.32	09/05/06	MT-98.13	04/19/02	MT-105.11	10/18/02		
	TC-41.20	01/19/01	MT-95.40	10/20/06	MT-98.14	04/19/02	MT-110.20	10/18/02		
	TC-52.10	04/20/01	MT-95.41	10/20/06	MT-98.15	07/16/04				
	TC-52.20	04/20/01	MT-95.50	09/05/06	MT-98.16	04/19/02				
										SPECIAL PROVISIONS

Approved *Dave Ray*
Date 2-5-07 District Deputy Director of Transportation

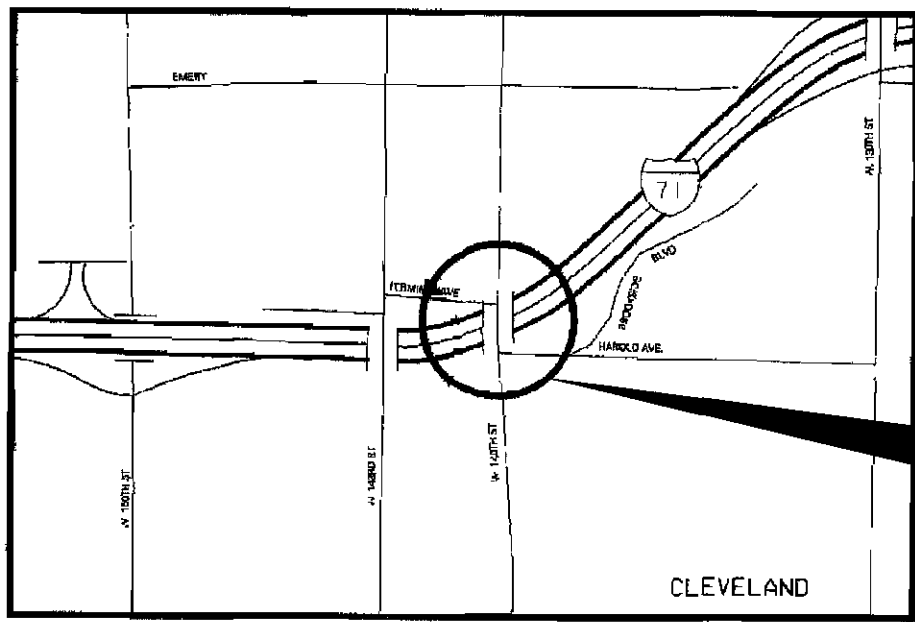
Approved *Keith C. Swearingin*
Date 2-13-07 Director, Department of Transportation

FEDERAL PROJECT NO. **NON-FEDERAL**
 PID NO. **80803**
 CONSTRUCTION PROJECT NO.
 RAILROAD INVOLVEMENT **NORFOLK SOUTHERN**
 D12 BH FY2007 MISC. 1

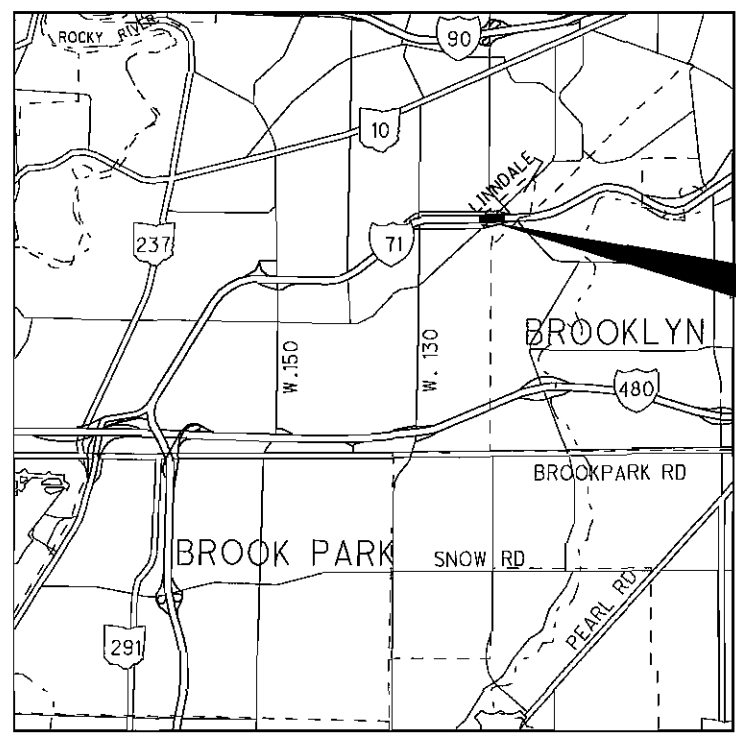
D12 - BH-FY2007 Misc. 1
 070231 PID - 80803
 Dist 12 5/2/2007



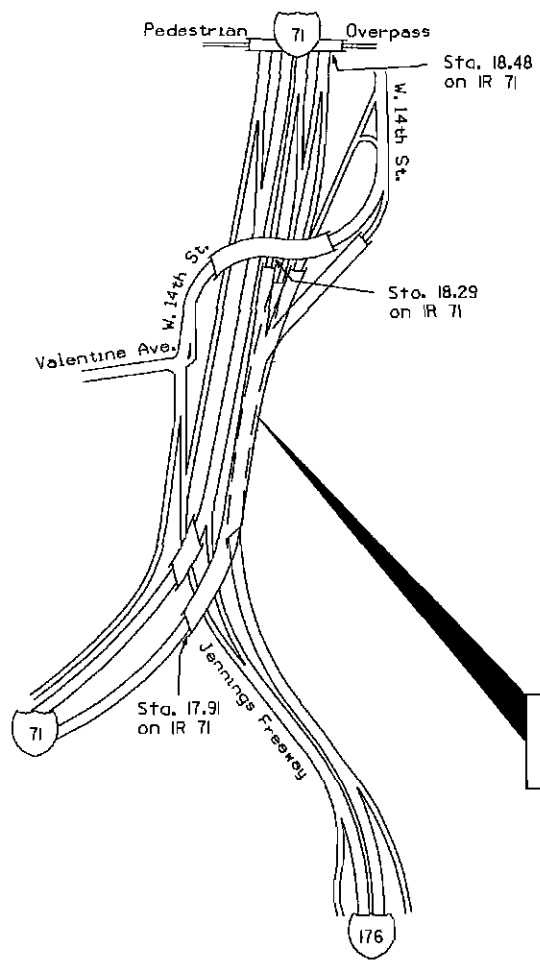
CALCULATED	KJW
CHECKED	SKP



LOCATION 1
 CUY-71-1245
 SFN 1804952



LOCATION 2
 CUY-71-1372
 SFN 1805045

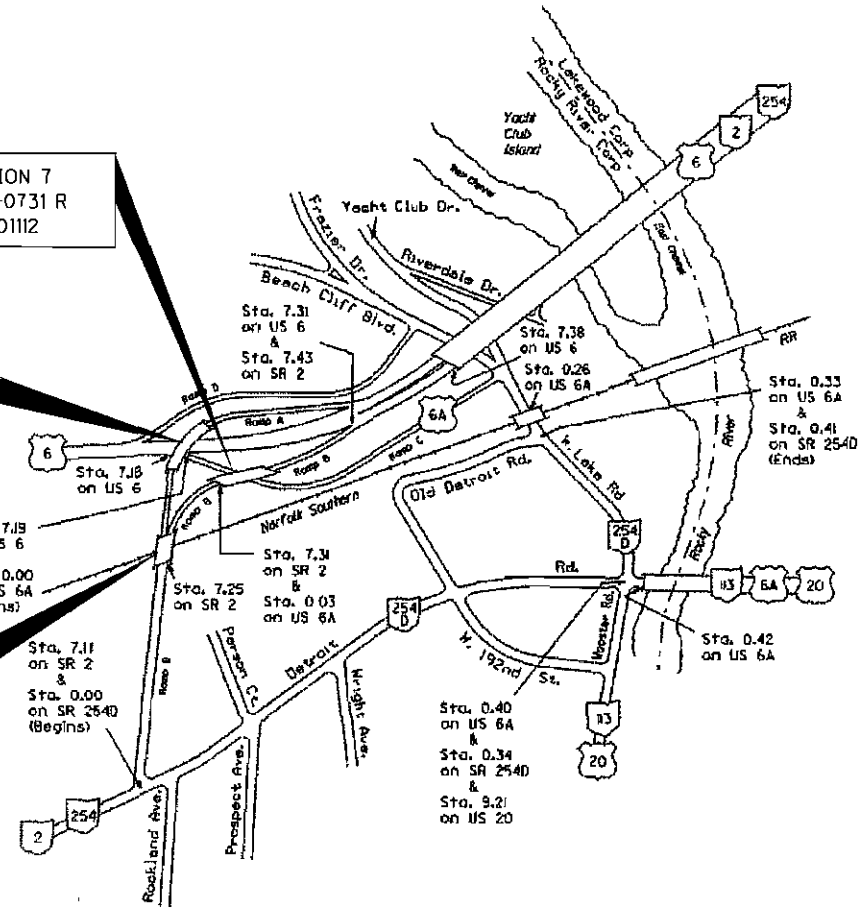


LOCATION 3
 CUY-71-1791 R
 SFN 1805371

LOCATION 6
 CUY-2-0731 L
 SFN 1800604

LOCATION 5
 CUY-2-0725
 SFN 1810561

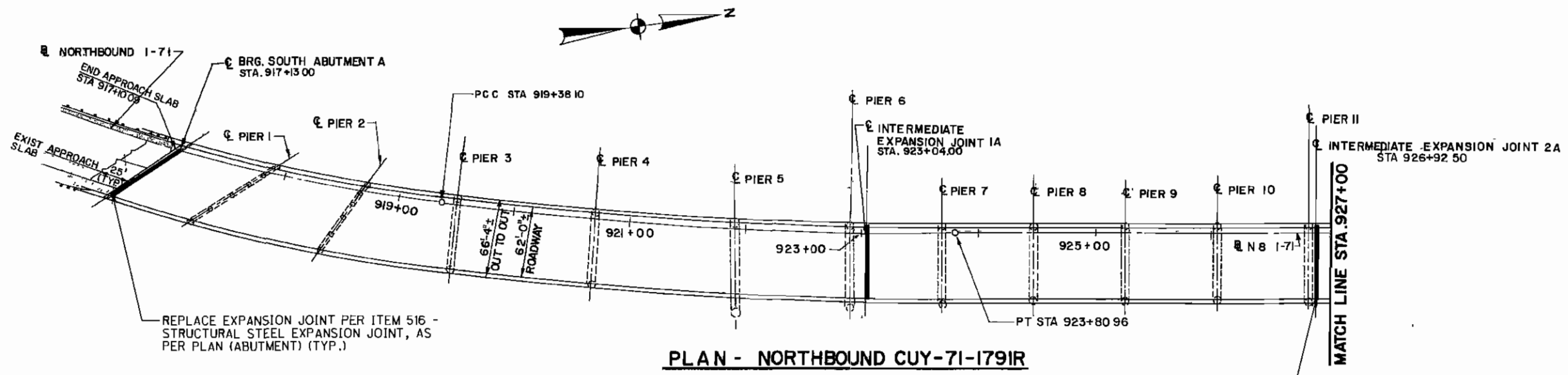
LOCATION 7
 CUY-2-0731 R
 SFN 1801112



\PROJECTS\Pub80803\dgn\New\2-map1.dgn 04-FEB-2007 2:11PM sheintz

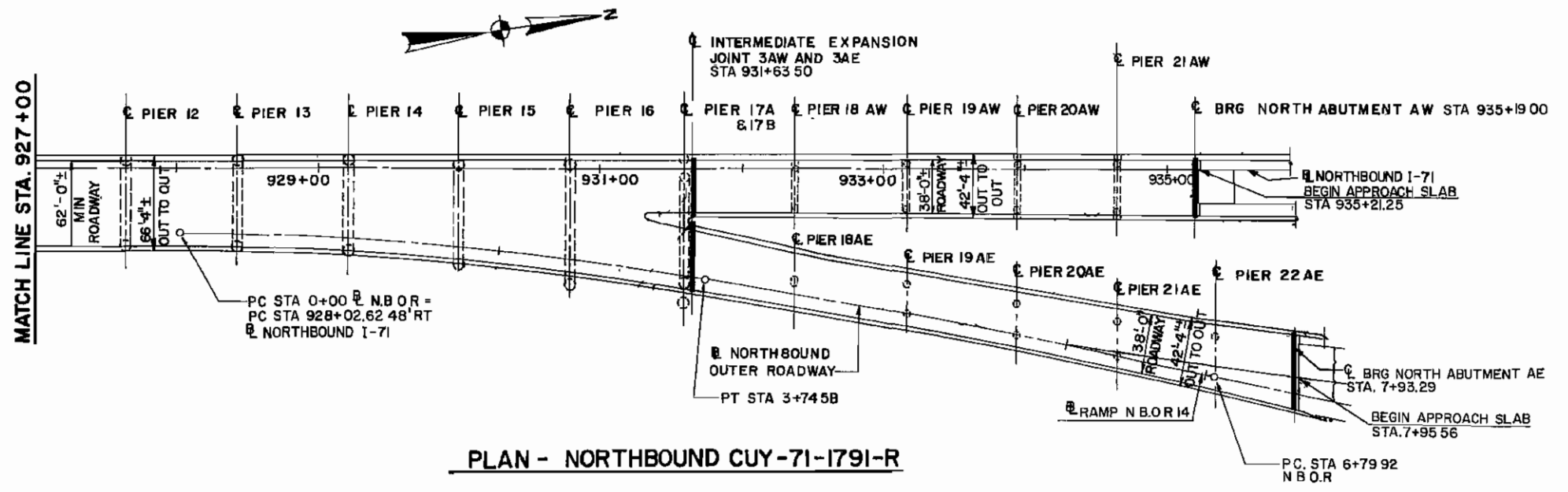
LOCATION MAPS

D12 BH FY2007



PLAN - NORTHBOUND CUY-71-1791R

REPLACE EXPANSION JOINT PER ITEM 516 -
STRUCTURAL STEEL EXPANSION JOINT, AS
PER PLAN (INTERMEDIATE) (TYP.)



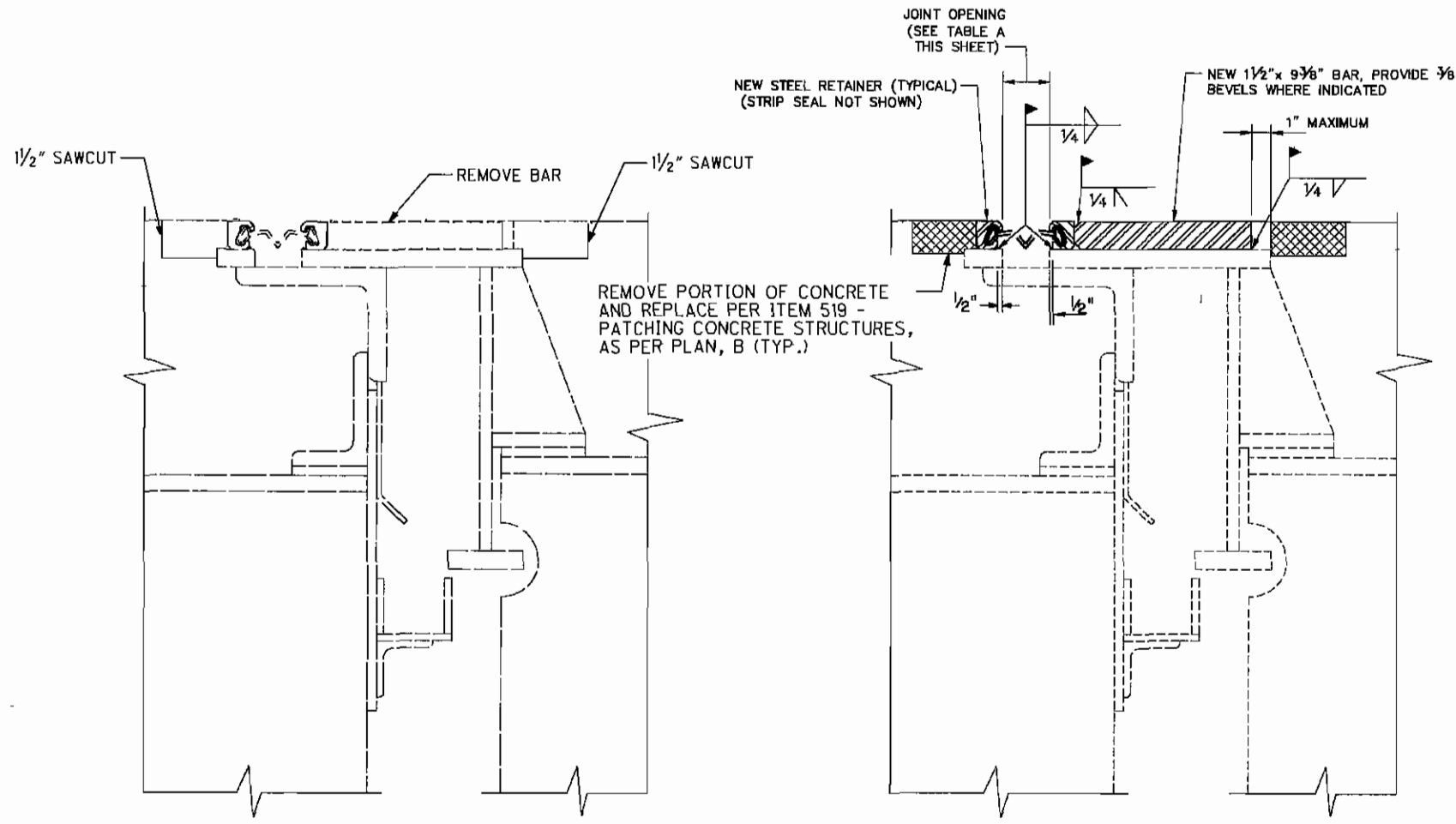
PLAN - NORTHBOUND CUY-71-1791-R

PROPOSED WORK
- REPLACE EXPANSION JOINTS
- PATCH DECK

PLAN AND ELEVATION VIEWS ARE TAKEN FROM ORIGINAL PLANS AND SHOULD BE USED FOR INFORMATIONAL PURPOSES.
ALL DIMENSIONS ARE +/-.
DO ONLY WORK LISTED UNDER PROPOSED WORK

DESIGNED K.J.W	CHECKED JDL	DRAWN K.J.W	REVIEWED	DATE	DESIGN AGENCY Ohio Dept of Transportation District 12
				STRUCTURE FILE NUMBER 1805371	
LOCATION 3 - SITE PLAN					
CUY-71-1791R I-71 OVER 176					
D12 BH-FY2007	PID No. 60803				
1 / 3					
19 35					

\PROJECTS\PI080803\dgn\New\Revised sheets\20-location 3 - joint A.dgn 14-FEB-2007 9:44AM sheintz

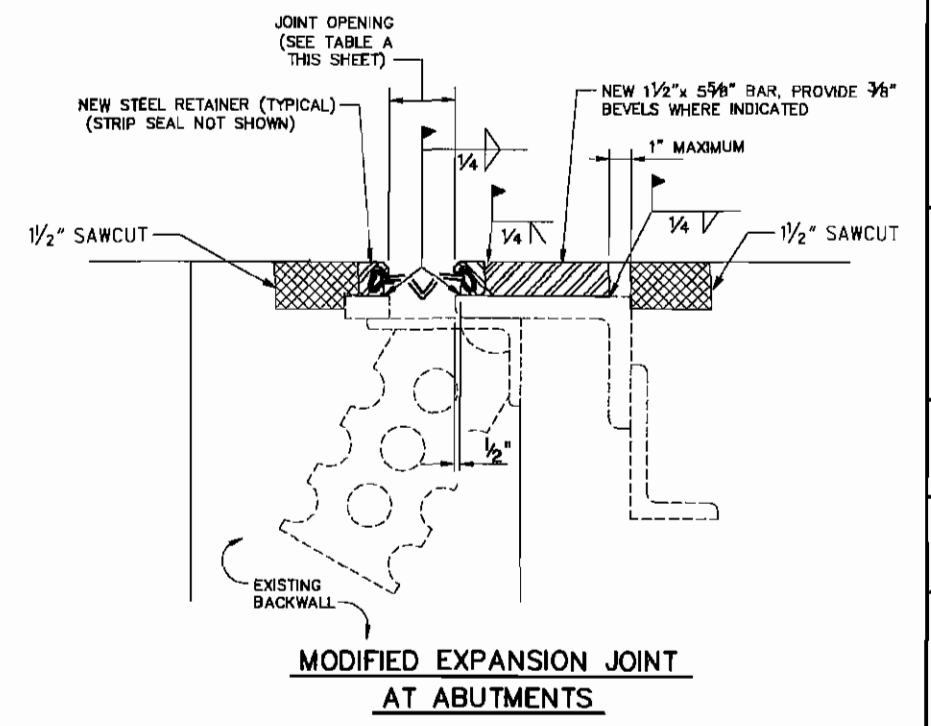


**EXISTING EXPANSION JOINT
AT INTERMEDIATE JOINTS**

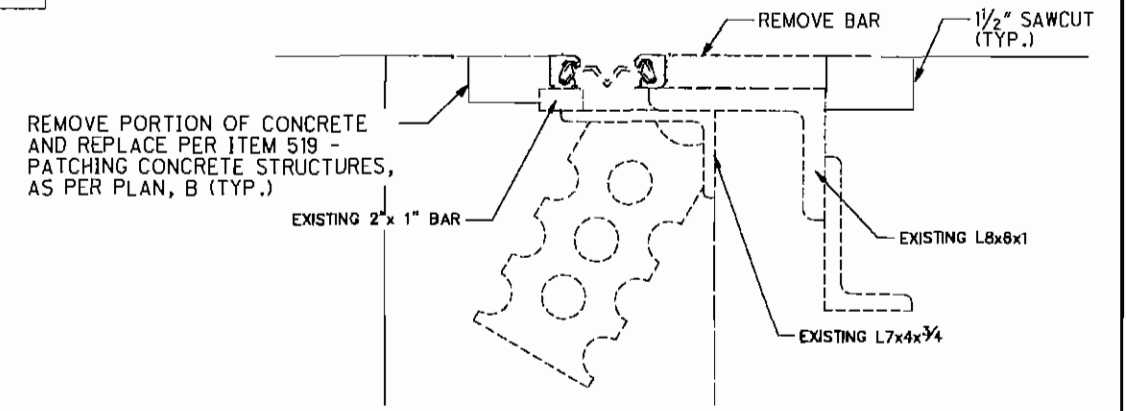
**MODIFIED EXPANSION JOINT
AT INTERMEDIATE JOINTS**

TABLE A						
JOINT	SKEW	DISTANCE "D _A "	JOINT LENGTH	JOINT OPENING*	TEMPERATURE ADJUSTMENT INCREMENTS PER 10° F.	SEAL SIZE (IN)
SOUTH ABUTMENT A	41° 28'31"	365'-0"	79'-4 ³ / ₈ "	2 ⁷ / ₈ "	1/4"	5"
INTERMEDIATE JOINT 1A	NONE	226'-0"	62'-0 ³ / ₁₆ "	2"	3/8"	4"
INTERMEDIATE JOINT 2A	NONE	229'-6"	62'-0"	2"	3/8"	4"
INTERMEDIATE JOINT 3AW	NONE	241'-6"	38'-0"	2"	3/8"	4"
INTERMEDIATE JOINT 3AE	10° 48'43"	241'-6"	42'-5 ⁵ / ₁₆ "	2"	3/8"	4"
NORTH ABUTMENT AW	NONE	204'-8"	38'-0"	2"	5/16"	4"
NORTH ABUTMENT AE	11° 55'25"	277'-10 ⁷ / ₁₆ "	51'-5 ³ / ₈ "	2 ³ / ₈ "	1/16"	4"

*ASSUMES 60° AMBIENT TEMPERATURE IF TEMPERATURE IS OTHER THAN 60° F ADJUST THE JOINT OPENING BY THE INCREMENTAL CHANGE GIVEN IN THIS TABLE THE INCREMENT SHALL BE ADDED TO THE JOINT OPENING FOR EACH 10° F DROP BELOW 60° F. AND SHALL BE SUBTRACTED FROM THE JOINT OPENING FOR EACH 10° F RISE ABOVE 60° F
 JOINT LENGTH IS HORIZONTALLY MEASURED ALONG THE CENTERLINE OF THE JOINT TOE TO TOE OF ROADWAY PARAPETS



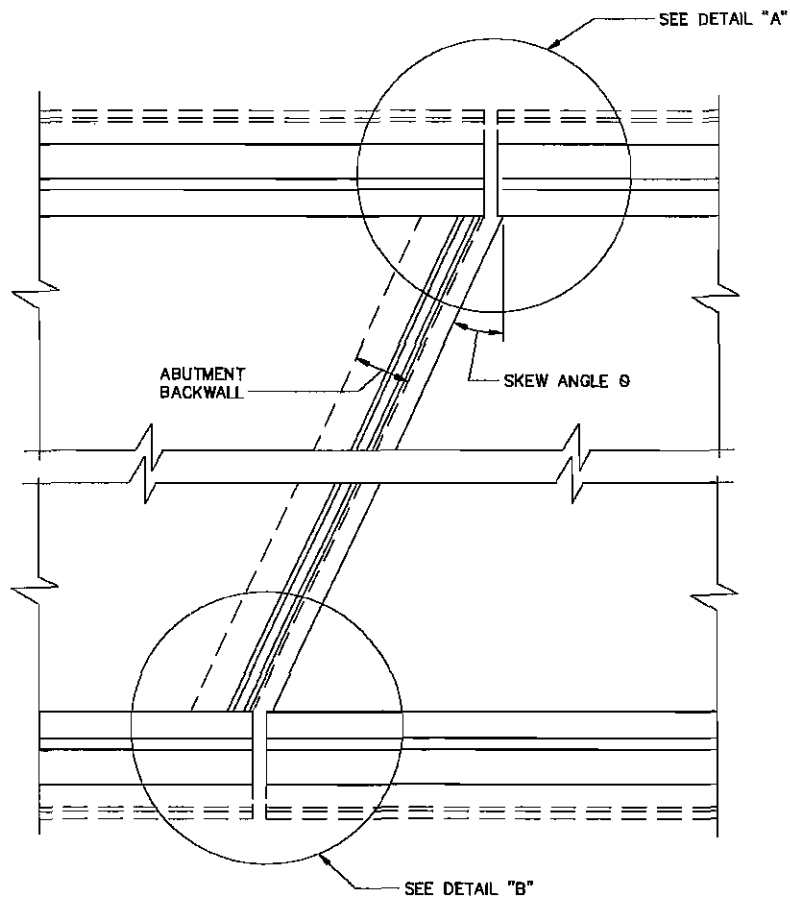
**MODIFIED EXPANSION JOINT
AT ABUTMENTS**



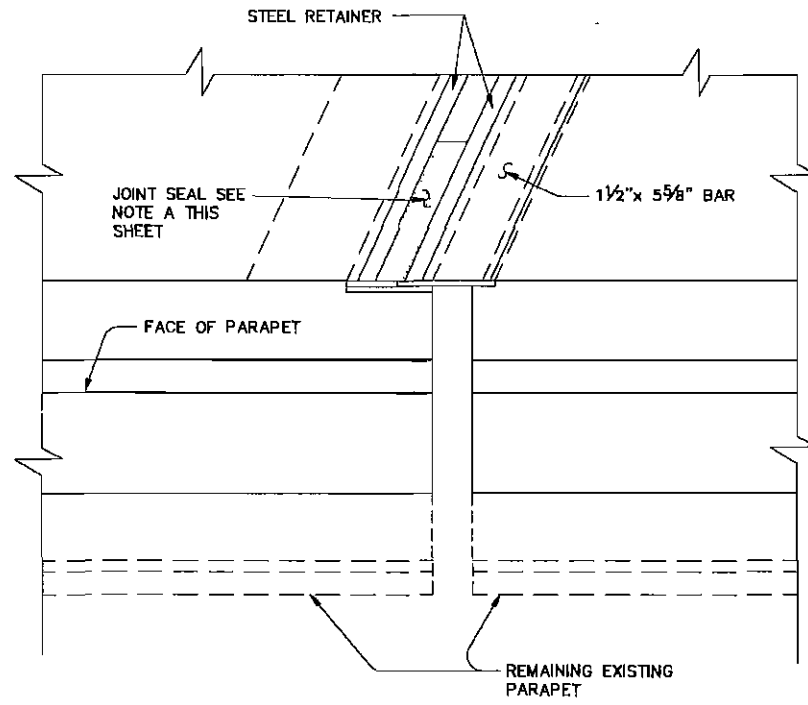
**EXISTING EXPANSION JOINT
AT ABUTMENTS**

ITEM 519 - PATCHING CONCRETE STRUCTURES, AS PER PLAN, B

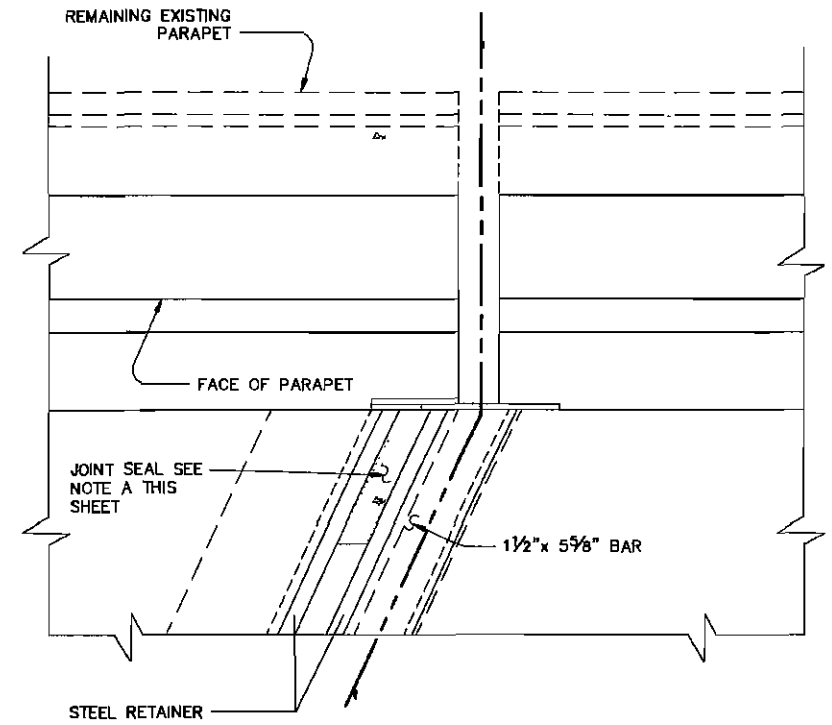
NOTE: PAYMENT FOR WORK ON THIS SHEET SHALL BE PAID FOR PER ITEM 516 - STRUCTURAL STEEL EXPANSION JOINT, AS PER PLAN (ABUTMENT) AND ITEM 516 - STRUCTURAL STEEL EXPANSION JOINT, AS PER PLAN (INTERMEDIATE).



PLAN AT ABUTMENT



DETAIL "B"



DETAIL "A"

NOTE A:

POUR POLYURETHANE JOINT SEAL IN THE STRIP SEAL AND RETAINER FROM THE CURB LINE TO ONE FOOT FROM THE CURB LINE. PAYMENT SHALL BE INCLUDED IN ITEM 516-STRUCTURAL STEEL EXPANSION JOINT, AS PER PLAN.

DESIGN AGENCY		Ohio Dept of Transportation	
DATE		District 12	
REVIEWED	DATE	STRUCTURE FILE NUMBER	1805371
DRAWN	KJW	REVIS	
DESIGNED	KJW	CHECKED	JDL
LOCATION 3 - JOINT DETAILS			
CUY-71-1791R I-71 OVER I76			
D12 BH FY2007			
PID No. 80803			
3 / 3			
21 35			