EXHIBIT 2

ADDENDUM AGREEMENTS FOR HIGHWAY IMPROVEMENTS

Exhibit A

ADDENDUM AGREEMENT FOR HIGHWAY IMPROVEMENTS

This Addendum Agreement is entered into this 25th day of March 2011, by and between the State of Illinois, acting by and through its Department of Transportation, hereinafter referred to as the STATE, and CSX Transportation, Incorporated, hereinafter referred to as the COMPANY.

WITNESSETH:

WHEREAS, the STATE and the COMPANY entered into a Master Agreement dated June 22nd 2008, for highway improvements affecting the facilities of the COMPANY; and

WHEREAS, in addition to the covenants contained in the aforedescribed Master Agreement, the parties wish to add the following job specific covenants:

Route FAI 70 Marked Route Interstate 70

STATE Section 82-1-B-2 STATE Job No. C-98-028-10

County St. Clair COMPANY Milepost 334.8

STATE Structure No. 082-0322 DOT/AAR No. N/A

ICC Order No. For Existing Structure N/A

ICC Order No. For Proposed Work TBD

- Description of the IMPROVEMENT:

Construction of proposed grade separation structure together with the highway approaches to this structure and all related highway facilities from the ramps connecting eastbound I-55/70 and I-64 to the New Mississippi River Bridge in the Tri-level. The structure number for the proposed structure is 082-0322 as shown on the attached drawings marked **Exhibit 1** (6 sheets).

Demolition of the Railroad Operations Tower located approximately 80 feet north of the COMPANY's tracks as shown on the attached drawing marked **Exhibit 2.**

Work To Be Done By COMPANY At The Sole Expense Of The STATE:
Provide flagging services for 80 days (estimated) as needed by the STATE's engineer.

Estimated Reimbursable Costs of COMPANY Work, including construction engineering and flagging costs is $133,519. Reimbursement will be on the basis of Actual Cost.

- Future Protective Fencing

The STATE and the COMPANY agree that they shall jointly determine the future need for protective fencing. If it is determined by the parties that, because of the ejection of objects from the structure onto the COMPANY's property, a permanent fencing system will be an effective deterrent, then the STATE, at its sole cost and within a timely manner, shall install and

maintain a permanent protective fencing system acceptable to both parties on the STATE's structure. In the event the parties are unable to agree upon said issue, then upon motion and notice by either party, the Illinois Commerce Commission shall retain jurisdiction herein to determine and resolve the need for protective fencing and the responsibility for installation.

- Is this work considered a benefit to the COMPANY as determined by the Federal-Aid Policy Guide, Chapter I, Subchapter G, Part 646, Subpart B (23 CFR 646B)? Yes ☐ No ☒

- ☒The STATE will petition the Illinois Commerce Commission in accordance with 92 Illinois Administrative Code 1500 to take jurisdiction in this matter and to enter such orders as may be necessary.

  ☐The COMPANY shall file a Form 1 or Form 3 Petition of 92 Illinois Administrative Code 1535 with the Illinois Commerce Commission showing details of the automatic warning devices herein required, and shall receive approval thereof by X-Resolution before commencing the work of installation.

☐ Illinois Commerce Commission petition not required

- Upon completion of the IMPROVEMENT the STATE will maintain or cause to be maintained the proposed grade separation structure together with the highway approaches to this structure and all related highway facilities from the ramps connecting eastbound I-55/70 and I-64 to the New Mississippi

River Bridge in the Tri-level. The structure number for the proposed structure is 082-0322.

- Upon completion of the IMPROVEMENT the COMPANY will maintain or cause to be maintained NA

- All progressive and final bills shall be sent to Mary C. Lamie, Regional Engineer, whose mailing address is 1102 Eastport Plaza Drive , Collinsville, Illinois 62234.

This Addendum Agreement shall be binding upon the parties hereto, their successors or assigns and all portions of the Master Agreement not specifically changed by this addendum remain in full force and effect.

(Remainder of page intentionally left blank)

IN WITNESS WHEREOF, the parties hereto have caused this Addendum Agreement to be executed by their duly authorized officials as of the dates below indicated.

Executed by the COMPANY, this 9th day of March, 20 11.

Attest:

PAUL R. HITCHCOCK
CORPORATE SECRETARY

CSX TRANSPORTATION, INCORPORATED

By: Dale W Ophardt

(Print Name) Dale W. Ophardt

(Print Title) Assistant Vice President Engineering

Date: March 9, 2011

STATE OF ILLINOIS, acting by and through its Department of Transportation,

By: Gary Hannig by Ann L Schneider

Gary Hannig
Secretary of Transportatic

By Ann Schneider,
Chief of Operations

Date: 3/25/11

By: Christine M Reed

Christine M. Reed, P.E.
Director – Division of Highways
Chief Engineer

Date: 3/23/11

The COMPANY certifies that:

1. The number shown on this form is the COMPANY's correct taxpayer identification number (or the COMPANY) is waiting for a number to be issued to them), and

2. The COMPANY is not subject to backup withholding because: (a) the COMPANY is exempt from backup withholding, or (b) the COMPANY has not been notified by the Internal Revenue Service (IRS) that the COMPANY is subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified IDOT that the COMPANY is no longer subject to back-up withholding, and

3. The COMPANY's person with signatory authority for this AGREEMENT is a U. S. person (including a U.S. resident alien)

Taxpayer Identification Number:

Social Security Number Or Employer Identification Number	_____ CSX Transportation, Incorporated 54-6000720

(If you are an individual, enter your name and SSN as it appears on your Social Security Card. If completing this certification for a sole proprietorship, enter the owner's name followed by the name the name of the business and the owners SSN or EIN. For all other entities enter the name of the entity as used to apply for the entity EIN and the EIN.)

Legal Status

___	Individual	___	Government
___	Sole Proprietor	___	Nonresident Alien
___	Partnership/Legal Corporation	___	Estate or Trust
___	Tax-exempt	___	Pharmacy (Non Corp.)
___	Corporation providing or billing medical and/or health care services	___	Pharmacy/Funeral home /Cemetery
X	Corporation NOT providing or billing medical and/or health care services	___	Limited Liability Company (select applicable tax classification) □ D= Disregarded entity □ C= Corporation □ P= Partnership
___	Other _____		

CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE

ACCT. CODE : 709 - IL0322

ESTIMATE SUBJECT TO REVISION AFTER: 08/09/2011 **DOT NO.:** TBA
CITY: East St. Louis **COUNTY:** St. Clair **STATE:** IL
DESCRIPTION: Mississippi River Bridge Project - New Bridge Construction – I-70 Eastbound (SN 082-0322) over I-55, Kansas City Southern Railroad & CSXT and CSXT tower demolition.
DIVISION: Louisville **SUB-DIV:** Illinois **MILE POST:** BC-334.8(+/-)
AGENCY PROJECT NUMBER: Contract 76C76

PRELIMINARY ENGINEERING:				
200 Labor (Non Contract)			$	-
200 Additive	31.34%		$	-
230 Expenses			$	-
212 Contracted & Administrative Engineering Services			$	-
Subtotal			$	-
CONSTRUCTION ENGINEERING/INSPECTION:				
200 Labor (Non Contract)			$	1,350
200 Additive	31.34%		$	423
230 Expenses			$	235
212 Contracted & Administrative Engineering Services			$	62,000
Subtotal			$	64,008
FLAGGING SERVICE: (Contract Labor)				
070 Labor (Conductor-Flagman)			$	30,000
050 Labor (Foreman/Inspector)			$	-
070 Additive	71.09%	(Transportation Department)	$	21,327
050 Additive	100.72%	(Engineering Department)	$	-
230 Per Diem	(Engineering Department)		$	-
230 Expenses			$	3,600
Subtotal			$	54,927
SIGNAL & COMMUNICATIONS WORK:		(Details Attached)	$	-
TRACK WORK: (Details Attached)			$	-
ACCOUNTING & BILLING:				
040 Labor			$	1,500
040 Additive	63.03%		$	945
Subtotal			$	2,445
PROJECT SUBTOTAL			$	121,381
900 **CONTINGENCIES:**	10.00%		$	12,138
GRAND TOTAL		**********	$	133,519

DIVISION OF COST:

Agency	100.00%		$	133,519
Railroad			$	-
TOTAL		**********	$	133,519

NOTE: Estimate is based on FULL CROSSING CLOSURE during work by Railroad Forces.

This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Assistant Chief Engineer Public Projects--Jacksonville, Florida

Estimated by: Tom Nord - URS Corp Approved by: H. A. Gibson **CSXT Public Project Group**
DATE: 02/10/2011 REVISED: DATE: 02/28/2011

Form Revised 03-02-2010-LLS

CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE

ACCT. CODE : 709 - IL0322
Pub EB - IL EB3 (IL)

ESTIMATE SUBJECT TO REVISION AFTER: 08/09/2011 **DOT NO.:** TBA
CITY: East St. Louis **COUNTY:** St. Clair **STATE:** IL
DESCRIPTION: Mississippi River Bridge Project - New Bridge Construction – I-70 Eastbound (SN 082-0322) over I-55, Kansas City Southern Railroad & CSXT and CSXT tower demolition.
DIVISION: Louisville **SUB-DIV:** Illinois **MILEPOST:** BC-334.8(+/-)
DRAWING NO.: __ **DRAWING DATE:** __
AGENCY PROJECT NUMBER: Contract 76C76

	PRELIMINARY ENGINEERING:						
200	Labor (Non Contract)		0	Days @	$ 270.00	$	-
200	Additive	31.34%				$	-
230	Expenses					$	-
212	Contracted & Administrative Engineering Services					$	-
	Subtotal					$	-
	CONSTRUCTION ENGINEERING/INSPECTION:						
200	Labor (Non Contract)		5	Days @	$ 270.00	$	1,350
200	Additive	31.34%				$	423
230	Expenses					$	235
212	Contracted & Administrative Engineering Services					$	62,000
	Subtotal					$	64,008
	FLAGGING SERVICE: (Contract Labor)						
70	Labor (Conductor-Flagman)		80	Days @	$ 375.00	$	30,000
50	Labor (Foreman/Inspector)		0	Days @	$ 336.00	$	-
70	Additive	71.09% (Transportation Department)				$	21,327
50	Additive	100.72% (Engineering Department)				$	-
230	Expenses	(Engineering Department)	0	Days @	$ 75.00	$	-
230	Expenses	(Transportation Department)	80	Days @	$ 45.00	$	3,600
	Subtotal					$	54,927
	COMMUNICATIONS WORK:						
	Temporary (Details Attached)					$	-
	Permanent (Details Attached)					$	-
	Subtotal					$	-
	TRACK: LABOR						
50	Traffic Control		0	MAN-HRS	$ 24.00	$	-
50	Remove Existing Crossing		0	MAN-HRS	$ 24.00	$	-
50	Renew Cross Ties		0	MAN-HRS	$ 24.00	$	-
50	Renew Rail		0	MAN-HRS	$ 24.00	$	-
50	Install OTM		0	MAN-HRS	$ 24.00	$	-
50	Install Field Welds		0	MAN-HRS	$ 24.00	$	-
50	Install Geo-Textile Fabric		0	MAN-HRS	$ 24.00	$	-
50	Install Sub-Drains		0	MAN-HRS	$ 24.00	$	-
50	Install Ballast		0	MAN-HRS	$ 24.00	$	-
50	Line and Surface		0	MAN-HRS	$ 24.00	$	-
50	Install Crossing Materials		0	MAN-HRS	$ 24.00	$	-
50	Install Bituminous Pavement		0	MAN-HRS	$ 24.00	$	-
50	_____		0	MAN-HRS	$ 24.00	$	-
50	_____		0	MAN-HRS	$ 24.00	$	-
50	_____		0	MAN-HRS	$ 24.00	$	-

CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE

ACCT. CODE : 709 - IL0322
Pub EB - **IL** EB3 (IL)

50	Clean-Up		0	MAN-HRS	$ 24.00	$	-
50	Additive	100.72%				$	-
230	Per Diem		0	MAN-DAY	$ 90.00	$	-
	Subtotal					$	-
	TRACK: MATERIAL						
220	Cross Ties, Main Line		0	EA	$ 39.00	$	-
220	Cross tie - pre-plated		0	EA	$ 83.50	$	-
220	Cross-tie - Borate		0	EA	$ 56.00	$	-
220	Crossties, 10' Length		0	EA	$ 46.00	$	-
220	Tie plates		0	EA	$ 10.51	$	-
220	Rail, 136RE, New		0	LF	$ 21.00	$	-
220	Misc. OTM		1	LOT	$ -	$	-
210	Geo-Textile Fabric		0	RL	$ 930.00	$	-
210	Sub-Drains		0	LF	$ 6.00	$	-
220	Ballast - Car load		0	NT	$ 12.00	$	-
220	Ballast - Trucked in		0	NT	$ 45.00	$	-
220	Field Welds		0	EA	$ 100.00	$	-
			0		$ -	$	-
			0		$ -	$	-
210	Concrete Full Width		0	TF	$ 250.00	$	-
210	Concrete/Rubber Xing (CSX)		0	TF	$ 200.00	$	-
210	Rubber Crossing, Full Depth		0	TF	$ 325.00	$	-
210	Timber/Asphalt Crossing (CSX Standard)		0	TF	$ 42.00	$	-
210	Bituminous Material		0	NT		$	-
210	Sales Tax on Material	0.00%				$	-
210	Material Handling	5.00%				$	-
	Subtotal					$	-
	CONTRACT:						
215	Asphalt Paving (In Place)		0	NT		$	-
241	Disposal of Waste Materials		0	TF	$ 15.00	$	-
215	Maintenance of Traffic		0	DAY	$ 350.00	$	-
	Subtotal					$	-
241	**EQUIPMENT RENTAL:**						
	Subtotal					$	-
50	**WORK TRAIN:**		0	DAY	$ 2,100.00	$	-
	Subtotal					$	-
	SALVAGE:						
228	Rail		0	NT	$ 65.00	$	-
228	OTM		0	NT	$ 75.00	$	-
	Subtotal					$	-
	SIGNAL WORK:						
210	Material - Field & Consumables					$	-
210	Material - Sales Tax					$	-
220	Material - Shop					$	-
60	Construction Labor					$	-
65	Shop Labor					$	-
230	Per Diem					$	-
200	RR Engineering,Preliminary					$	-

CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE

ACCT. CODE : 709 - IL0322
Pub EB - IL EB3 (IL)

200	RR Engineering,Construction						$	-
60	Additives to Construction Labor						$	-
65	Additives to Shop Labor						$	-
200	Additives to Engineering						$	-
241	Equipment Expense						$	-
241	Waste Management						$	-
212	Contract Engineering						$	-
211	Freight						$	-
216	AC Power Service						$	-
228	Salvage						$	-
900	Other						$	-
	Subtotal						$	-
	ACCOUNTING & BILLING:							
40	Labor			7.5	Days @	$ 200.00	$	1,500
40	Additive	63.03%					$	945
	Subtotal						$	2,445
	PROJECT SUBTOTAL:						$	121,381
900	**CONTINGENCIES:**		10.00%				$	12,138
		GRAND TOTAL	**********				$	133,519

DIVISION OF COST:

Agency	100.00%	$	133,519
Railroad	0.00%	$	-
TOTAL	**********	$	133,519

NOTE: Estimate is based on FULL CROSSING CLOSURE during work by Railroad Forces.

This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Assistant Chief Engineer Public Projects--Jacksonville, Florida

Estimated prepared by: Tom Nord - URS Corp Approved by: H. A. Gibson **CSXT Public Project Group**

DATE: 02/10/2011 REVISED: DATE: 02/28/2011

Form Revised 03-02-2010-LLS

EXHIBIT 2

ACCT. CODE : 709 - IL0322

Pub EB - **IL** EB3 (IL)

ESTIMATE SUBJECT TO REVISION AFTER: **08/09/2011** **DOT NO.:** TBA

CITY: East St. Louis **COUNTY:** St. Clair **STATE:** IL

DESCRIPTION: Mississippi River Bridge Project - New Bridge Construction – I-70 Eastbound (SN 082-0322) over I-55, Kansas City Southern Railroad & CSXT and CSXT tower demolition.

DIVISION: Louisville **SUB-DIV:** Illinois **MILEPOST:** BC-334.8(+/-)

DRAWING NO.: __ **DRAWING DATE:** __

AGENCY PROJECT NUMBER: Contract 76C76

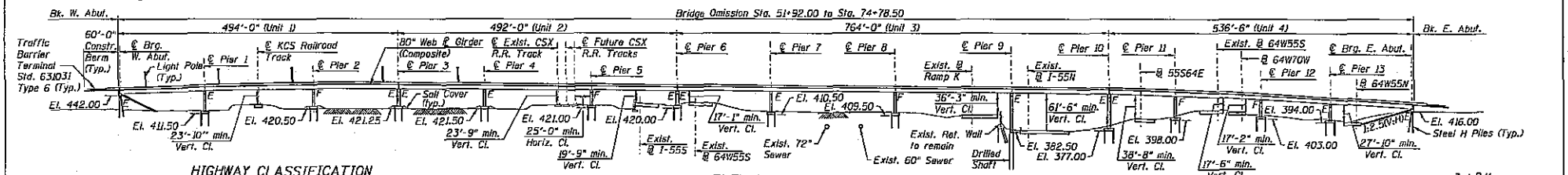
Amount		
Task	Task Desc	Total
40	Labor General Office	$2,445
50	Labor Roadway	
60	Labor Signal	
65	Labor Signal1	
70	Labor Transportation	$51,327
200	Labor NonContract	$1,773
210	Invoice Material Material - Field & Consu	
211	Invoice Freight	
212	Invoice Contract Eng	$62,000
215	Invoice Misc	
216	Invoice Utilities	
220	Material New Material - Shop	
228	Scrap Credit	
230	ExpenseRpts	$3,835
241	Invoice Rental	
900	Other	
900	Contingencies	$12,138
	Material New	
Grand Total		$133,519

Oracle Input

EXHIBIT 2

BENCH MARK

Chiseled square in concrete foundation of manhole structure between I-55/70 WB & CSX RR, northeast of St. Clair Ave. Elev. 429.43'. Existing Structure: None.

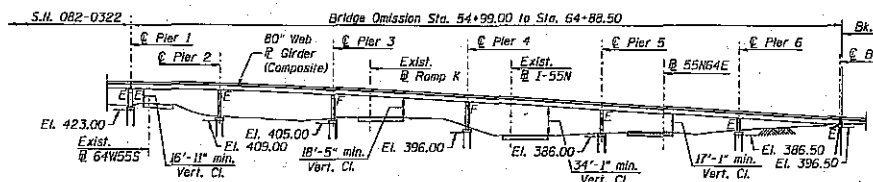


ELEVATION - S.N. 082-0322

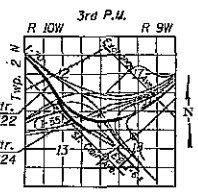
HIGHWAY CLASSIFICATION

	70E55N	70E64E	I-55S	64W55S	Ramp K	I-55N	55S64E	64W70W	64W55N	55N64E
Functional Class	*	*	Freeway	*	**	Freeway	*	*	*	*
ADT (2030)	16,930	16,050	27,330	25,850	1,700	33,260	3,170	14,910	2,790	28,200
ADTT (2030)	2,709	1,926	4,920	4,912	238	4,657	381	1,790	531	4,512
DHV (2030)	1,693	1,605	2,733	2,585	170	3,326	317	1,491	279	2,820
Design Speed	50	50	60	50	40	60	50	50	50	60
Posted Speed	50	50	50	50	25	50	25	50	35	50
One-Way Traffic										
Directional Distribution 100:0										

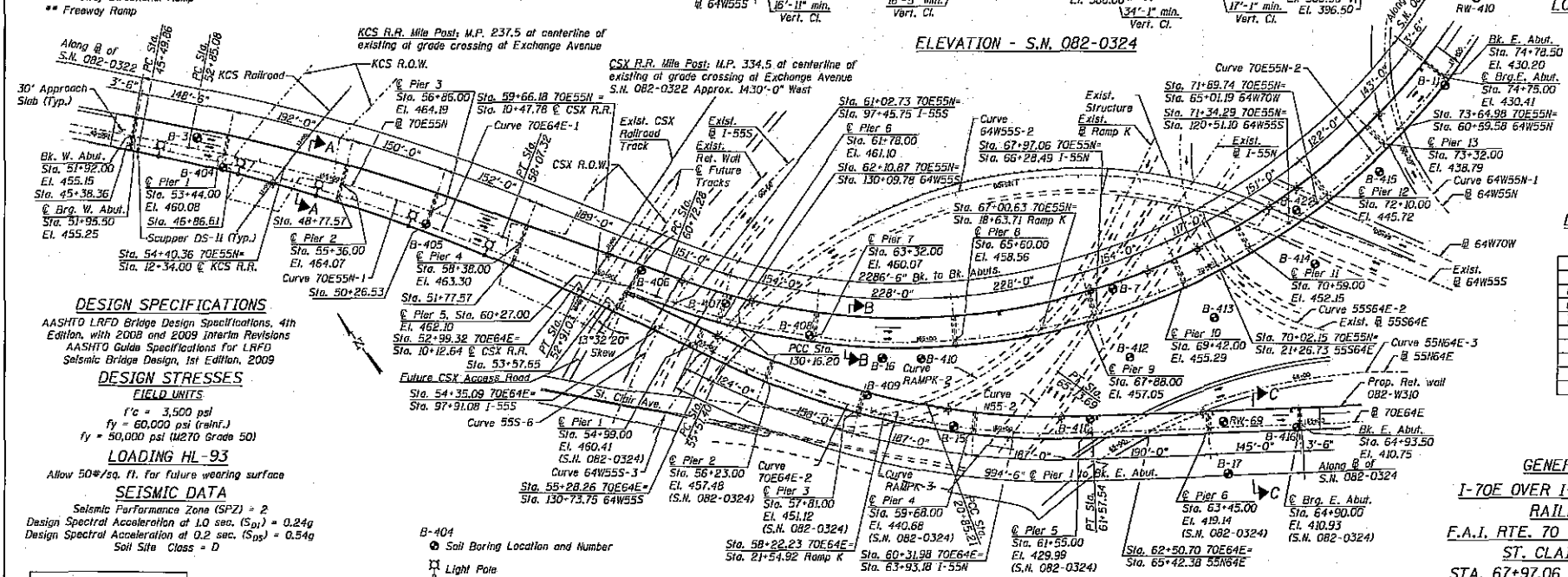
* Freeway Directional Ramp
** Freeway Ramp



ELEVATION - S.N. 082-0324



LOCATION SKETCH



PLAN

DESIGN SPECIFICATIONS

AASHTO LRFD Bridge Design Specifications, 4th Edition, with 2008 and 2009 Interim Revisions
AASHTO Guide Specifications for LRFD Seismic Bridge Design, 1st Edition, 2009

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (reinf.)
fy = 50,000 psi (M270 Grade 50)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface

SEISMIC DATA

Seismic Performance Zone (SPZ) = 2
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.24g
Design Spectral Acceleration at 0.2 sec. (S_{DS}) = 0.54g
Soil Site Class = D

DS-11 SCUPPER LOCATIONS

Station along ℄	
70E55N	70E64E
61+83.00	45+50.00
66+30.00	53+54.00
74+63.00	54+28.00
	54+95.00
	55+90.00
	61+60.00
	63+50.00
	64+78.00

GENERAL PLAN

I-70E OVER I-55, CSX & KCS RAILROADS
F.A.I. RTE. 70 - SEC. 82-1-B-2
ST. CLAIR COUNTY
STA. 67+97.06 S.N. 082-0322
STA. 60+31.98 S.N. 082-0324

DESIGNED	JXH
CHECKED	JXH
DRAWN	JHR
CHECKED	JXH
DATE	4/27/2010

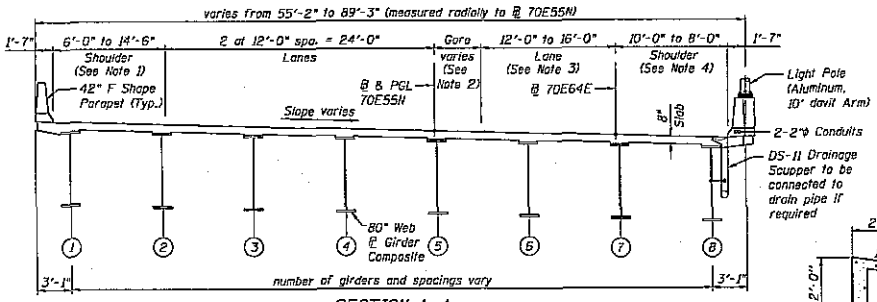
AECOM USA, Inc.
303 East Wacker Drive, Suite 600
Chicago, IL 60601

SHEET NO. 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6 SHEETS	70	82-1-B-2	ST. CLAIR	6	1
			CONTRACT NO. 76C76		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

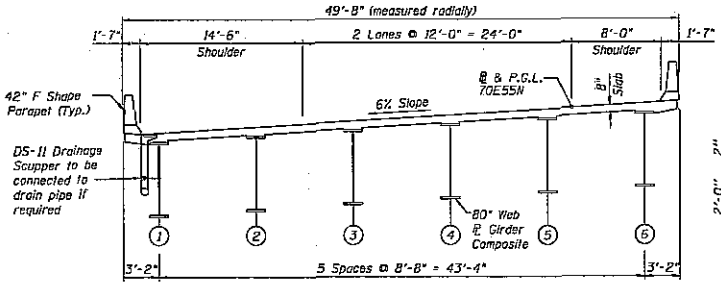
EXHIBIT 2

Notes:

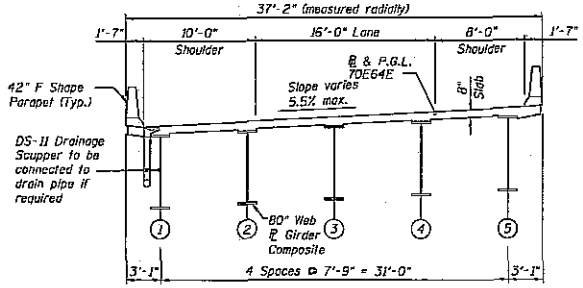
1. Shoulder taper begins at Sta. 58+17.28 (width 6'-0") and ends at Sta. 62+72.28 (width 14'-6") along ℄ 70E55N.
2. Gore taper begins at Sta. 53+98.88 (width 0'-0") and ends at Sta. 60+49.31 (width 24'-10") along ℄ 70E55N.
3. Lane taper begins at Sta. 45+49.86 (width 12'-0") and ends at Sta. 47+40.81 (width 16'-0") along ℄ 70E64E.
4. Shoulder taper begins at Sta. 51+82.03 (width 10'-0") and ends at Sta. 52+91.03 (width 8'-0") along ℄ 70E64E.



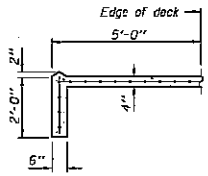
SECTION A-A



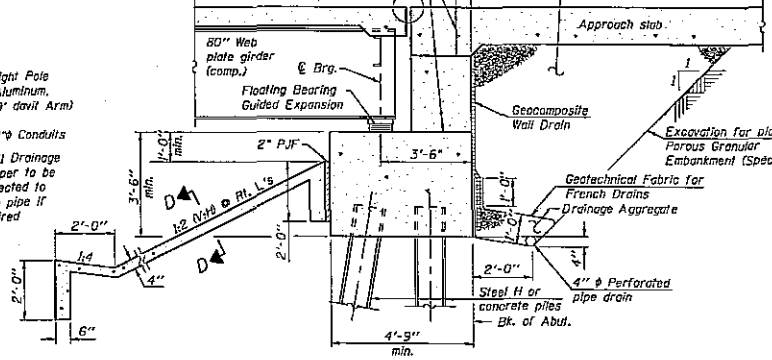
SECTION B-B



SECTION C-C

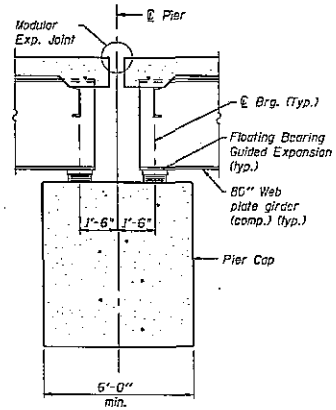


SECTION D-D

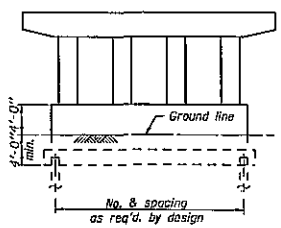


SECTION THRU PILE SUPPORTED STUB ABUTMENT

(Horiz. dim. @ Rt. L's)

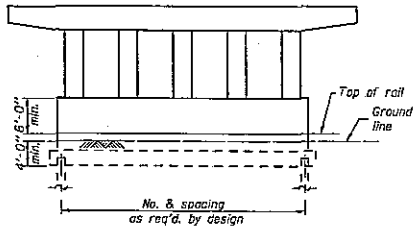


SECTION THRU DECK EXPANSION JOINT



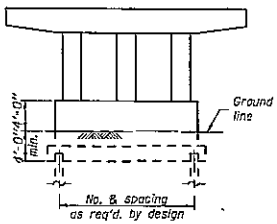
PIER SKETCH

(Piers 1, 6 thru 8 & 10 thru 13 S.N. 082-0322)



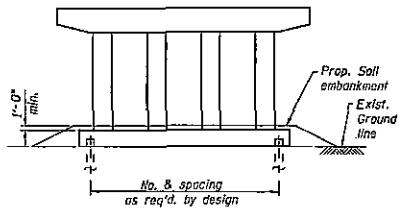
PIER SKETCH

(Pier 5 S.N. 082-0322)



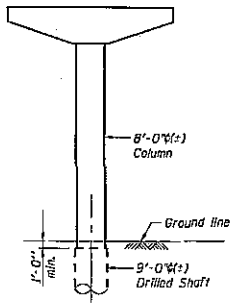
PIER SKETCH

(Piers 1 thru 6 S.N. 082-0324)



PIER SKETCH

(Piers 2 thru 4 S.N. 082-0322)



PIER SKETCH

(Pier 9 S.N. 082-0322)

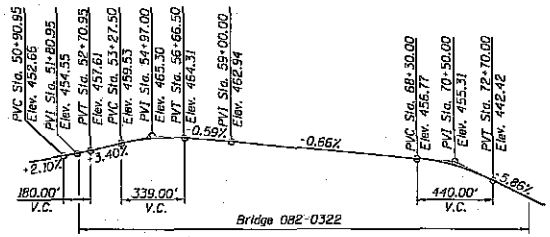
SECTIONS AND DETAILS
I-70E OVER I-55, CSX & KCS RAILROADS
F.A.I. RTE. 70 - SEC. 82-1-B-2
ST. CLAIR COUNTY
STA. 67+97.06 S.N. 082-0322
STA. 60+31.98 S.N. 082-0324

DESIGNED	JXH				
CHECKED	JXH				
DRAWN	JHR				
CHECKED	JXH				
DATE	4/27/2010				

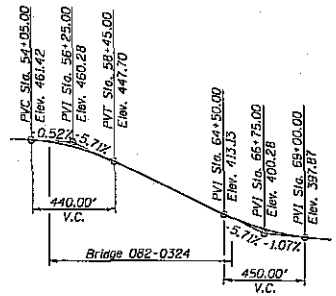
AECOM USA, Inc.
303 East Wacker Drive, Suite 600
Chicago, IL 60601

SHEET NO. 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6 SHEETS	70	82-1-B-2	ST. CLAIR	6	2
			CONTRACT NO. 76C76		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

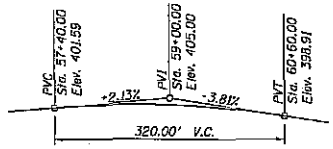
EXHIBIT 2



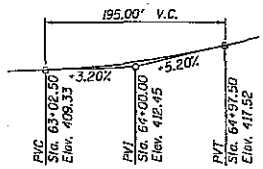
PROFILE GRADE - 70E55N



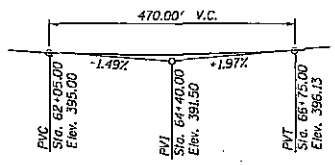
PROFILE GRADE - 70E64E



PROFILE GRADE - 64W55N

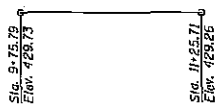


PROFILE GRADE - 64W70W

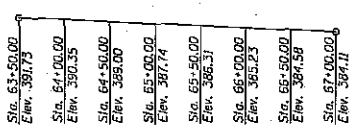


PROFILE GRADE - 55N64E

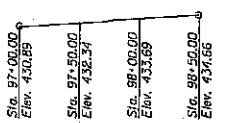
TOP OF RAIL ELEV. - KCS R.R.



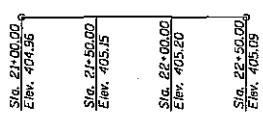
TOP OF RAIL ELEV. - CSX R.R.



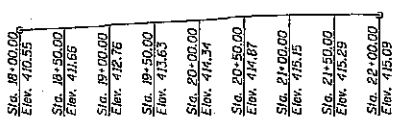
EXIST. PROF. GRADE - I-55N



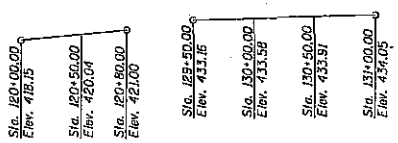
EXIST. PROF. GRADE - I-55S



EXIST. PROF. GRADE - 55S64E



EXIST. PROF. GRADE - RAMP K



EXIST. PROF. GRADE - 64W55S

CURVE 70E55N-1
Δ = 10° 06' 07" (RT)
D = 1° 56' 04"
T = 261.80'
L = 522.24'
E = 11.55'
R = 2,962.00'
S.E. = 3.4%
P.C. STA = 52+85.08
P.T. STA = 58+07.32
PI STA. = 55+46.88

CURVE 70E55N-2
Δ = 87° 23' 14" (LT)
D = 5° 12' 31"
T = 1,050.95'
L = 1,677.71'
E = 421.34'
R = 1,100.00'
S.E. = 5.8%
P.C. STA = 60+72.28
P.T. STA = 77+49.99
PI STA. = 71+23.23

CURVE 70E64E-1
Δ = 14° 20' 13" (RT)
D = 1° 56' 04"
T = 372.53'
L = 741.17'
E = 23.33'
R = 2,962.00'
S.E. = 3.4%
P.C. STA = 45+49.86
P.T. STA = 52+91.03
PI STA. = 49+22.39

CURVE 70E64E-2
Δ = 27° 33' 46" (LT)
D = 4° 32' 50"
T = 309.05'
L = 606.14'
E = 37.35'
R = 1,260.00'
S.E. = 5.6%
P.C. STA = 55+51.40
P.T. STA = 61+57.54
PI STA. = 58+60.45

CURVE 55S-6
Δ = 15° 22' 19" (LT)
D = 4° 24' 36"
T = 175.34'
L = 348.58'
E = 11.78'
R = 1,299.24'
e = 4.2%
P.C. STA = 96+10.13
P.T. STA = 99+58.71
PI STA. = 97+85.47

CURVE 64W55S-2
Δ = 69° 27' 35" (LT)
D = 7° 34' 58"
T = 523.79'
L = 916.03'
E = 163.79'
R = 755.61'
S.E. = 8.0%
P.C. STA = 121+00.17
P.T. STA = 130+16.20
PI STA. = 126+23.96

CURVE 64W55S-3
Δ = 17° 49' 53" (LT)
D = 4° 58' 04"
T = 180.94'
L = 358.95'
E = 14.11'
R = 1,153.36'
S.E. = 8.0%
P.C. STA = 130+16.20
P.T. STA = 133+75.15
PI STA. = 131+97.14

CURVE RAMPK-2
Δ = 42° 22' 31" (RT)
D = 11° 01' 06"
T = 201.57'
L = 384.59'
E = 37.70'
R = 520.00'
S.E. = 6.8%
P.C. STA = 17+00.63
P.T. STA = 20+85.21
PI STA. = 19+02.19

CURVE RAMPK-3
Δ = 27° 30' 47" (RT)
D = 16° 51' 06"
T = 83.24'
L = 163.27'
E = 10.04'
R = 340.00'
S.E. = 4.0%
P.C. STA = 20+85.21
P.T. STA = 22+48.48
PI STA. = 21+68.45

CURVE 55N-2
Δ = 10° 09' 06" (LT)
D = 1° 50' 43"
T = 275.79'
L = 550.14'
E = 12.22'
R = 3,105.00'
S.E. = 2.5%
P.C. STA = 59+63.55
P.T. STA = 65+13.69
PI STA. = 62+39.34

CURVE 55N64E-3
Δ = 53° 06' 29" (RT)
D = 6° 49' 15"
T = 419.80'
L = 778.61'
E = 99.06'
R = 840.00'
S.E. = 6.0%
P.C. STA = 63+23.34
P.T. STA = 71+01.95
PI STA. = 67+43.14

CURVE 55S64E-2
Δ = 120° 51' 16" (LT)
D = 20° 06' 14"
T = 502.25'
L = 601.15'
E = 292.47'
R = 285.00'
S.E. = 6.0%
P.C. STA = 17+24.63
P.T. STA = 23+25.78
PI STA. = 22+26.88

CURVE 64W55N-1
Δ = 106° 12' 31" (RT)
D = 14° 52' 55"
T = 512.85'
L = 713.67'
E = 256.28'
R = 385.00'
S.E. = 6.0%
P.C. STA = 56+89.88
P.T. STA = 64+03.55
PI STA. = 62+02.73

PROFILES AND CURVE DATA

I-70E OVER I-55, CSX & KCS RAILROADS

F.A.I. RTE. 70 - SEC. 82-1-B-2

ST. CLAIR COUNTY

STA. 67+97.06 S.N. 082-0322

STA. 60+31.98 S.N. 082-0324

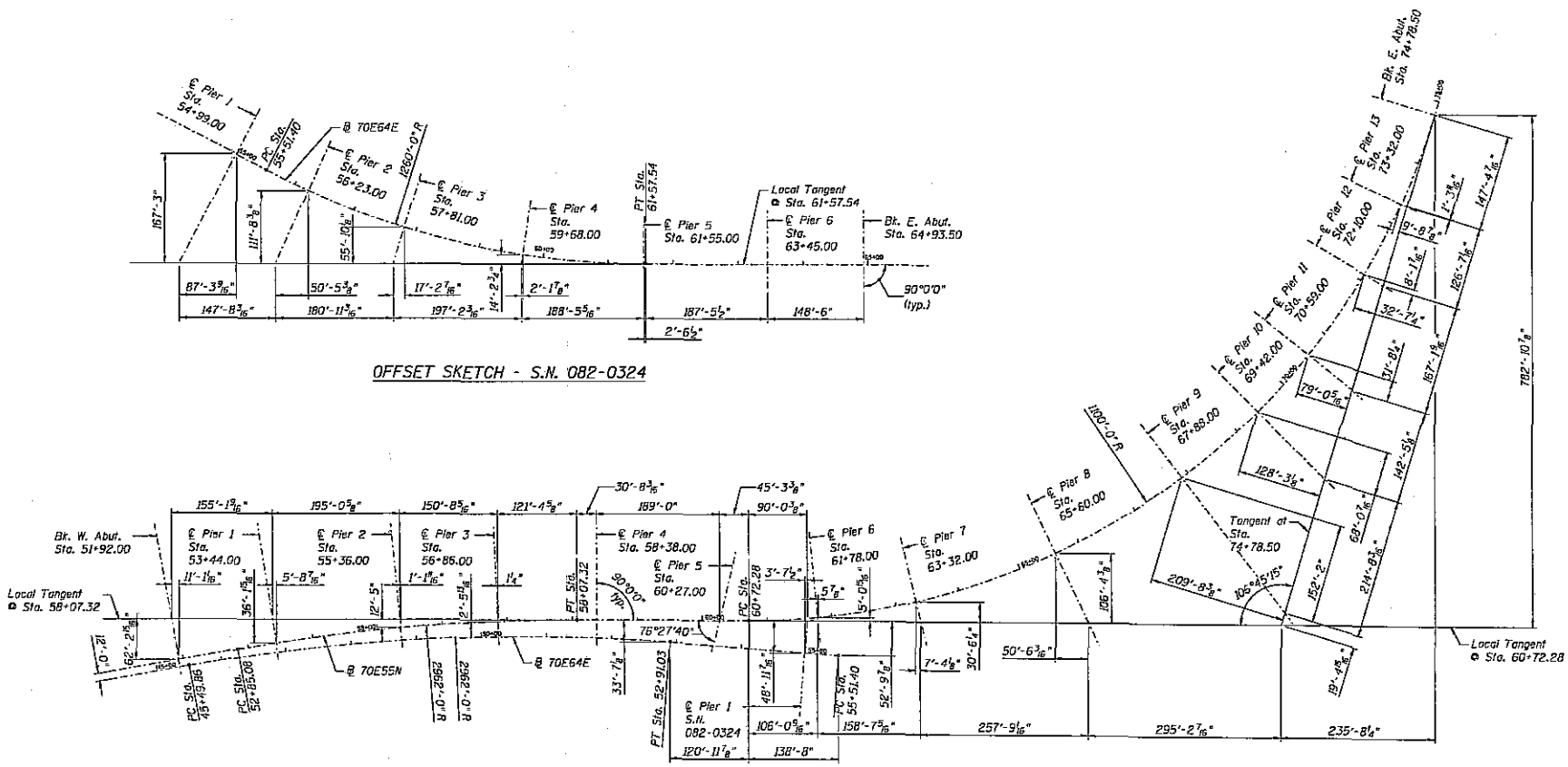
DESIGNED	JXH
CHECKED	JXH
DRAWN	JHR
CHECKED	JXH
DATE	4/27/2010

AECOM USA, Inc.
303 East Wacker Drive, Suite 600
Chicago, IL 60601

SHEET NO. 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6 SHEETS	70	82-1-B-2	ST. CLAIR	6	3
			CONTRACT NO. 76C76		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

EXHIBIT 2

OFFSET SKETCH - S.N. 082-0324



OFFSET SKETCH - S.N. 082-0322

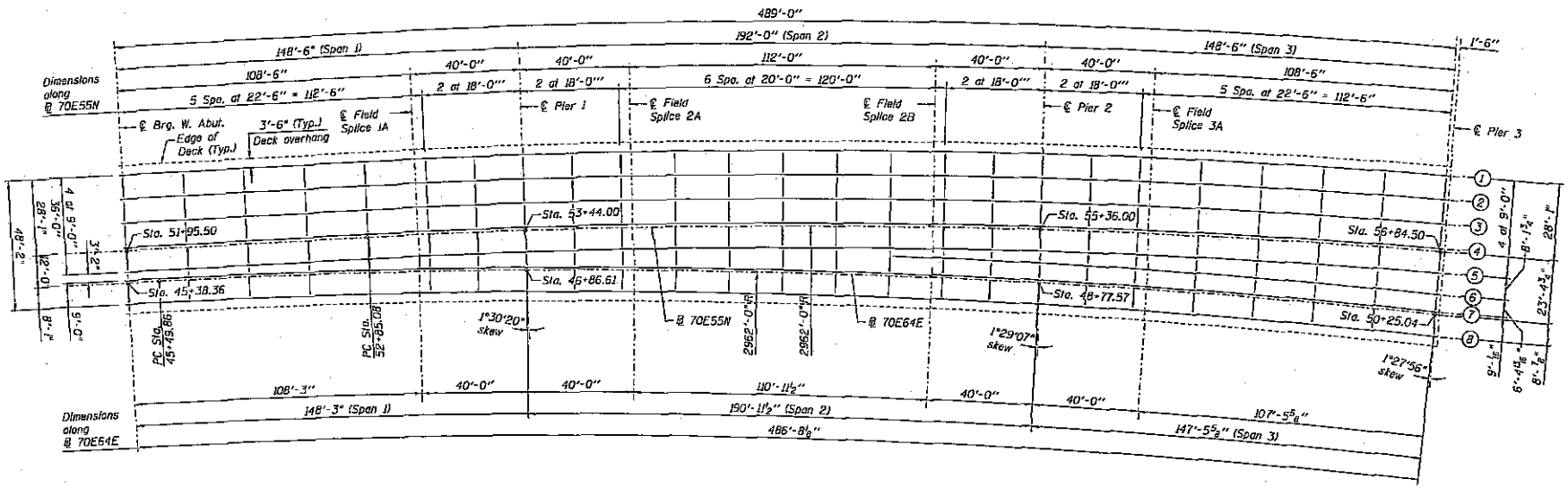
OFFSET SKETCH
I-70E OVER I-55, CSX & KCS
RAILROADS
F.A.I. RTE. 70 - SEC. 82-1-B-2
ST. CLAIR COUNTY
STA. 67+97.06 S.N. 082-0322
STA. 60+31.98 S.N. 082-0324

DESIGNED	JXH
CHECKED	JXH
DRAWN	JHR
CHECKED	JXH
DATE	4/27/2010

AECOM USA, Inc.
303 East Wacker Drive, Suite 600
Chicago, IL 60601

SHEET NO. 4	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6 SHEETS	70	82-1-B-2	ST. CLAIR	6	4
			CONTRACT NO. 76C76		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXHIBIT 2



FRAMING PLAN - UNIT 1

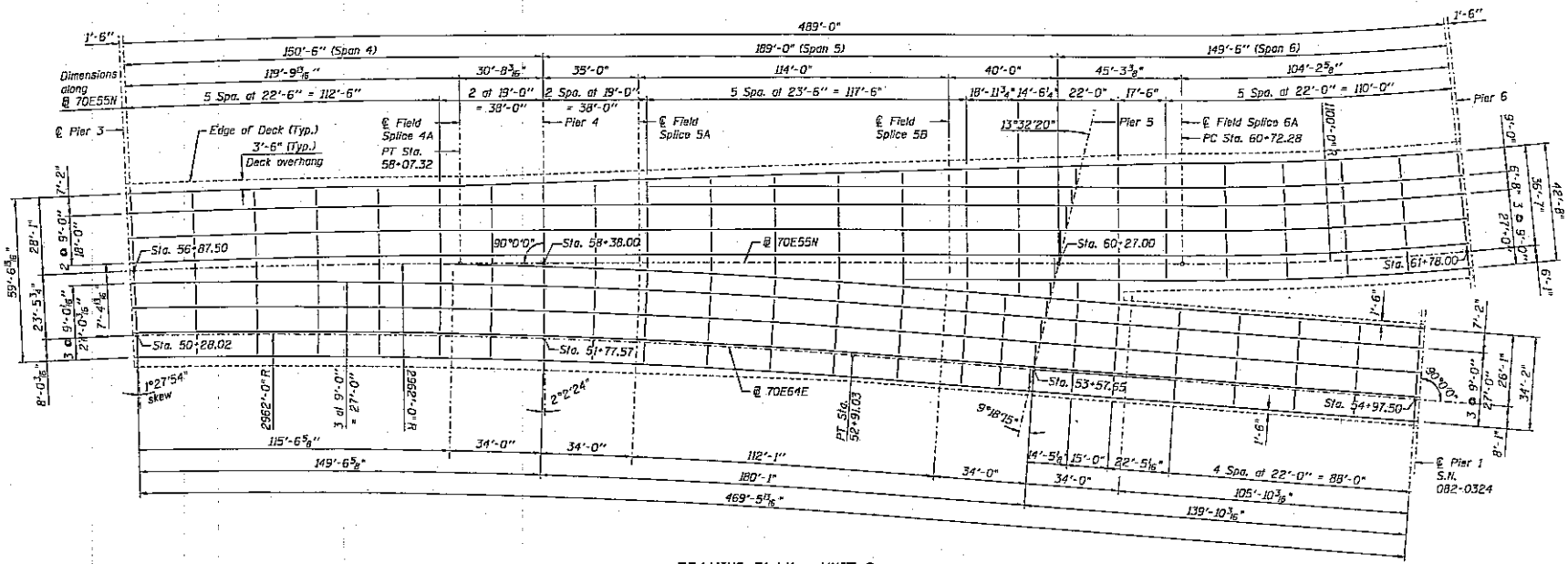
FRAMING PLAN - UNIT 1
I-70E OVER I-55, CSX & KCS RAILROADS
F.A.I. RTE. 70 - SEC. 82-1-B-2
ST. CLAIR COUNTY
STA. 67+97.06 S.N. 082-0322
STA. 60+31.98 S.N. 082-0324

DESIGNED	JXH
CHECKED	JXH
DRAWN	JHR
CHECKED	JXH
DATE	4/27/2010

AECOM USA, Inc.
303 East Wacker Drive, Suite 600
Chicago, IL 60601

SHEET NO. 5	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6 SHEETS	70	82-1-B-2	ST. CLAIR	6	5
			CONTRACT NO. 76C76		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXHIBIT 2



FRAMING PLAN - UNIT 2

FRAMING PLAN - UNIT 2
I-70E OVER I-55, CSX & KCS RAILROADS
F.A.I. RTE. 70 - SEC. 82-1-B-2
ST. CLAIR COUNTY
STA. 67+97.06 S.N. 082-0322
STA. 60+31.98 S.N. 082-0324

DESIGNED	JXH
CHECKED	JXH
DRAWN	JHR
CHECKED	JXH
DATE	4/27/2010

AECOM USA, Inc.
303 East Wacker Drive, Suite 600
Chicago, IL 60601

SHEET NO. 6	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6 SHEETS	70	82-1-B-2	ST. CLAIR	6	6
			CONTRACT NO. 76C76		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

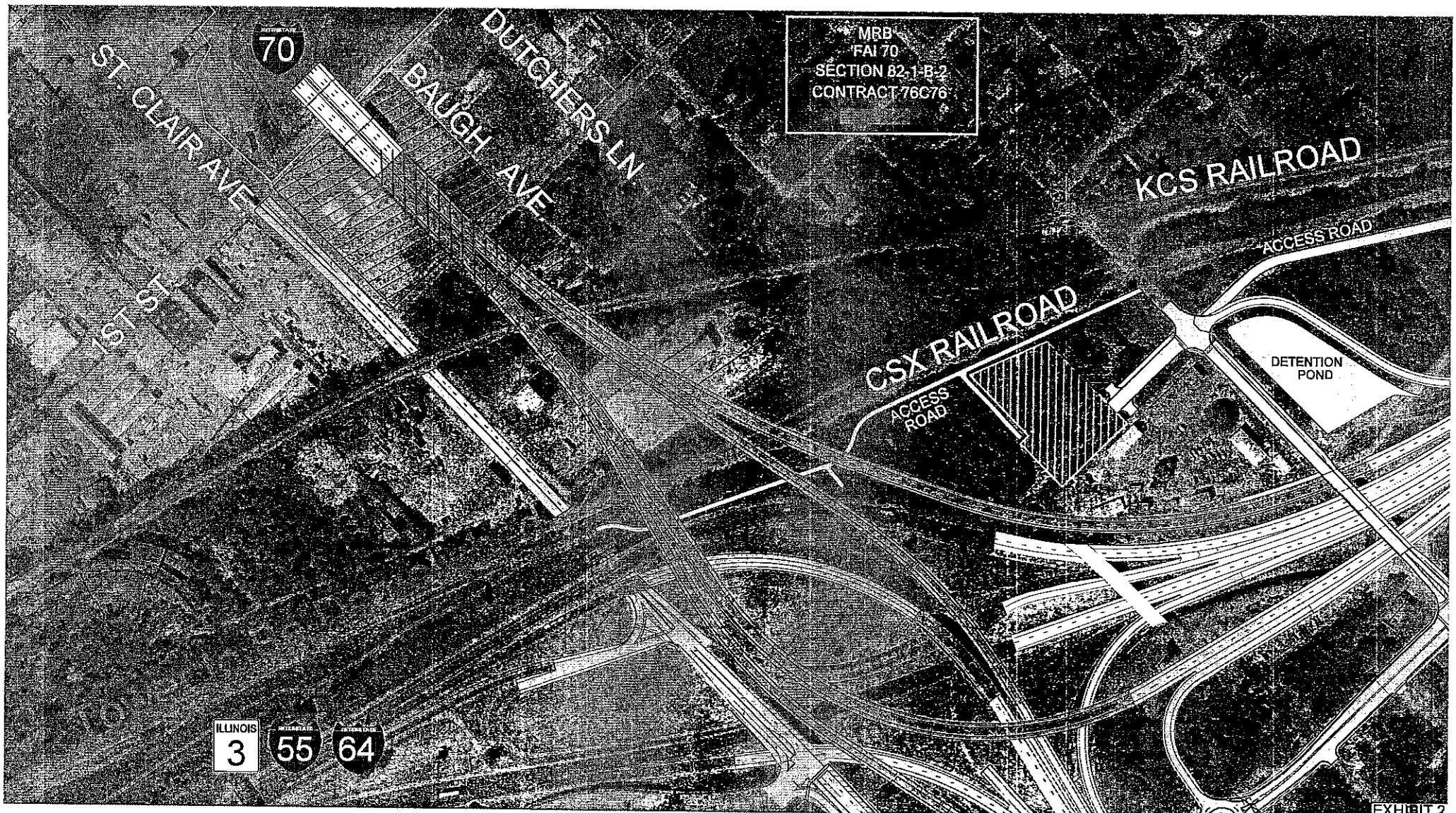

MRB
FAI 70
SECTION 82-1-B-2
CONTRACT 76C76
70
ST. CLAIR AVE
1ST ST
BAUGH AVE
DUTCHERS LN
KCS RAILROAD
ACCESS ROAD
CSX RAILROAD
ACCESS ROAD
DETENTION POND
ILLINOIS 3
55
64

EXHIBIT 2

Exhibit A

ADDENDUM AGREEMENT FOR HIGHWAY IMPROVEMENTS

This Addendum Agreement is entered into this 25th day of March, 2011, by and between the State of Illinois, acting by and through its Department of Transportation, hereinafter referred to as the STATE, and CSX Transportation, Incorporated, hereinafter referred to as the COMPANY.

WITNESSETH:

WHEREAS, the STATE and the COMPANY entered into a Master Agreement dated June 22nd 2008, for highway improvements affecting the facilities of the COMPANY; and

WHEREAS, in addition to the covenants contained in the aforedescribed Master Agreement, the parties wish to add the following job specific covenants:

Route FAI 70 | Marked Route Interstate 70

STATE Section 82-1-B-1 | STATE Job No. C-98-025-10

County St. Clair | COMPANY Milepost 334.8

STATE Structure No. 082-0323, 082-0325 | DOT/AAR No. N/A

ICC Order No. For Existing Structure N/A

ICC Order No. For Proposed Work TBD

- Description of the IMPROVEMENT:

Construction of proposed grade separation structures together with the highway approaches to these structures and all related highway facilities from the ramps connecting westbound I-55/70 and I-64 to the New Mississippi River Bridge in the Tri-level. The structure numbers for the proposed structures are 082-0323 and 082-0325 as shown on the attached drawings marked **Exhibit 1** (4 sheets).

Relocation of a portion of the existing CSX access road beginning at the east end of the CSX structure over St. Clair Avenue (IL Rte. 3) proceeding easterly a distance of approximately 1000 feet connecting into the existing CSX Access Road as shown on the attached drawings marked **Exhibit 2** (two sheets). The Relocated Access Road will be located on State Right of Way except for that portion beginning at the east end of the CSX structure over St. Clair Avenue (IL Rte. 3) for a distance of approximately 60 feet easterly.

Work To Be Done By COMPANY At The Sole Expense Of The STATE:
Provide flagging services for 100 days (estimated) as needed by the STATE's engineer.

Estimated Reimbursable Costs of COMPANY Work, including construction engineering and flagging costs is $162,541. Reimbursement will be on the basis of Actual Cost.

- COMPANY access across Relocated Access Road

It is the intention of COMPANY and STATE that the Relocated Access Road shall be a restricted access road not intended for use by the general public but for access to COMPANY and STATE structures and facilities. STATE acknowledges and agrees that COMPANY and its licensees, agents, servants and employees may use the Relocated Access Road provided that COMPANY's or its licensees' use of the Relocated Access Road shall be limited to access necessary to maintain structures and facilities of COMPANY or its licensees . If COMPANY's or its licensees' use damages the Relocated Access Road or structures or improvements associated therewith, normal wear and tear excepted, the COMPANY, with STATE's prior written approval and at the COMPANY's sole cost and expense, shall be responsible for any costs to repair same. The STATE will maintain the Access Roadways to a level sufficient for the STATE's needs. The STATE shall not close or block COMPANY's access to and from the Relocated Access Road unless, however, the State is exercising its statutory rights to make any repairs, changes, additions or relocation of the Relocated Access Road as may be necessary and/or to provide proper protection to life and/or property on or adjacent to State right-of-way. Notwithstanding the foregoing, nothing contained herein shall constitute or be deemed a waiver by the Company of any rights it has under any federal or state laws, including but not limited to preemptive rights.

• Future Protective Fencing

The STATE and the COMPANY agree that they shall jointly determine the future need for protective fencing. If it is determined by the parties that, because of the ejection of objects from the structure onto the COMPANY's property, a permanent fencing system will be an effective deterrent, then the STATE, at its sole cost and within a timely manner, shall install and maintain a permanent protective fencing system acceptable to both parties on the STATE's structure. In the event the parties are unable to agree upon said issue, then upon motion and notice by either party, the Illinois Commerce Commission shall retain jurisdiction herein to determine and resolve the need for protective fencing and the responsibility for installation.

- Is this work considered a benefit to the COMPANY as determined by the Federal-Aid Policy Guide, Chapter I, Subchapter G, Part 646, Subpart B (23 CFR 646B)? Yes ☐ No ☒

- ☒The STATE will petition the Illinois Commerce Commission in accordance with 92 Illinois Administrative Code 1500 to take jurisdiction in this matter and to enter such orders as may be necessary.

  ☐The COMPANY shall file a Form 1 or Form 3 Petition of 92 Illinois Administrative Code 1535 with the Illinois Commerce Commission showing details of the automatic warning devices herein required, and shall receive approval thereof by X-Resolution before commencing the work of installation.

☐ Illinois Commerce Commission petition not required

- Upon completion of the IMPROVEMENT the STATE will maintain or cause to be maintained its proposed grade separation structures together with its highway approaches to these structures and all related highway facilities from the ramps connecting westbound I-55/70 and I-64 to the New Mississippi River Bridge in the Tri-level, the structure numbers for the proposed structures are 082-0323 and 082-0325, and the Relocated Access Road which is located upon STATE right of way(beginning approximately 60 feet east of the St. Clair Avenue (IL Rte. 3) structure and proceeding easterly approximately 940 feet).

  Upon completion of the IMPROVEMENT the COMPANY will maintain or cause to be maintained the portion of the Relocated Access Road which is located solely upon COMPANY property. Beginning at the east end of the CSX structure over St. Clair Avenue (IL Rte. 3) for a distance of approximately 60 feet easterly.

- All progressive and final bills shall be sent to Mary C. Lamie, Regional Engineer, whose mailing address is 1102 Eastport Plaza Drive , Collinsville, Illinois 62234.

This Addendum Agreement shall be binding upon the parties hereto, their successors or assigns and all portions of the Master Agreement not specifically changed by this addendum remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this Addendum Agreement to be executed by their duly authorized officials as of the dates below indicated.

Executed by the COMPANY, this 9th day of March, 2011.

Attest: Paul R Hitchcock

PAUL R. HITCHCOCK
CORPORATE SECRETARY

CSX TRANSPORTATION, INCORPORATED

By: Dale W Ophardt

(Print Name) Dale W. Ophardt

(Print Title) Assistant Vice President Engineering

Date: March 9, 2011

STATE OF ILLINOIS, acting by and through its Department of Transportation,

By: Gary Hannig by Ann Schneider

Gary Hannig By Ann Schneider,
Secretary of Transport Chief of Operations

Date: 3/25/11

By: Christine M Reed

Christine M. Reed, P.E.
Director – Division of Highways
Chief Engineer

Date: 3/23/11

The COMPANY certifies that:

1. The number shown on this form is the COMPANY's correct taxpayer identification number (or the COMPANY) is waiting for a number to be issued to them), and

2. The COMPANY is not subject to backup withholding because: (a) the COMPANY is exempt from backup withholding, or (b) the COMPANY has not been notified by the Internal Revenue Service (IRS) that the COMPANY is subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified IDOT that the COMPANY is no longer subject to back-up withholding, and

3. The COMPANY's person with signatory authority for this AGREEMENT is a U. S. person (including a U.S. resident alien)

Taxpayer Identification Number:

Social Security Number	_____
Or	
Employer Identification Number	CSX Transportation, Incorporated
	54-6000720

(If you are an individual, enter your name and SSN as it appears on your Social Security Card. If completing this certification for a sole proprietorship, enter the owner's name followed by the name the name of the business and the owners SSN or EIN. For all other entities enter the name of the entity as used to apply for the entity EIN and the EIN.)

Legal Status

___ Individual
___ Sole Proprietor
___ Partnership/Legal Corporation
___ Tax-exempt
___ Corporation providing or billing medical and/or health care services
_X_ Corporation NOT providing or billing medical and/or health care services
___ Other _____

___ Government
___ Nonresident Alien
___ Estate or Trust
___ Pharmacy (Non Corp.)
___ Pharmacy/Funeral home /Cemetery
___ Limited Liability Company (select applicable tax classification)
□ D= Disregarded entity
□ C= Corporation
□ P= Partnership

CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE

ACCT. CODE : 709 - IL0321

ESTIMATE SUBJECT TO REVISION AFTER: 08/09/2011 **DOT NO.:** TBA
CITY: East St. Louis **COUNTY:** St. Clair **STATE:** IL
DESCRIPTION: Mississippi River Bridge Project - New Bridge Construction - I-70 Westbound (SN 082-0323 & SN 082-0325) over I-55, Kansas City Southern Railroad & CSXT and CSXT access road
DIVISION: Louisville **SUB-DIV:** Illinois **MILE POST:** BC-334.8(+/-)
AGENCY PROJECT NUMBER: Contract 76C75

	PRELIMINARY ENGINEERING:			
200	Labor (Non Contract)		$	-
200	Additive	31.34%	$	-
230	Expenses		$	-
212	Contracted & Administrative Engineering Services		$	-
	Subtotal		$	-
	CONSTRUCTION ENGINEERING/INSPECTION:			
200	Labor (Non Contract)		$	1,350
200	Additive	31.34%	$	423
230	Expenses		$	235
212	Contracted & Administrative Engineering Services		$	74,000
	Subtotal		$	76,008
	FLAGGING SERVICE: (Contract Labor)			
070	Labor (Conductor-Flagman)		$	37,500
050	Labor (Foreman/Inspector)		$	-
070	Additive	71.09% (Transportation Department)	$	26,659
050	Additive	100.72% (Engineering Department)	$	-
230	Per Diem	(Engineering Department)	$	-
230	Expenses		$	4,500
	Subtotal		$	68,659
	SIGNAL & COMMUNICATIONS WORK:	(Details Attached)	$	-
	TRACK WORK:	(Details Attached)	$	-
	ACCOUNTING & BILLING:			
040	Labor		$	1,900
040	Additive	63.03%	$	1,198
	Subtotal		$	3,098
	PROJECT SUBTOTAL		$	147,764
900	**CONTINGENCIES:**	10.00%	$	14,776
	GRAND TOTAL	**********	$	162,541

DIVISION OF COST:

Agency	100.00%	$	162,541
Railroad		$	-
TOTAL	**********	$	162,541

NOTE: Estimate is based on FULL CROSSING CLOSURE during work by Railroad Forces.
This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Assistant Chief Engineer Public Projects--Jacksonville, Florida

Estimated by: Tom Nord - URS Corp Approved by: H. A. Gibson **CSXT Public Project Group**
DATE: 02/10/2011 REVISED: DATE: 02/28/2011

Form Revised 03-02-2010-LLS

CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE

ACCT. CODE : 709 - IL0321
Pub EB - IL EB3 (IL)

ESTIMATE SUBJECT TO REVISION AFTER: 08/09/2011 **DOT NO.:** TBA
CITY: East St. Louis **COUNTY:** St. Clair **STATE:** IL
DESCRIPTION: Mississippi River Bridge Project - New Bridge Construction - I-70 Westbound (SN 082-0323 & SN 082-0325) over I-55, Kansas City Southern Railroad & CSXT and CSXT access road relocation.
DIVISION: Louisville **SUB-DIV:** Illinois **MILEPOST:** BC-334.8(+/-)
DRAWING NO.: __ **DRAWING DATE:** __
AGENCY PROJECT NUMBER: Contract 76C75

	PRELIMINARY ENGINEERING:						
200	Labor (Non Contract)		0	Days @	$ 270.00	$	-
200	Additive	31.34%				$	-
230	Expenses					$	-
212	Contracted & Administrative Engineering Services					$	-
	Subtotal					$	-
	CONSTRUCTION ENGINEERING/INSPECTION:						
200	Labor (Non Contract)		5	Days @	$ 270.00	$	1,350
200	Additive	31.34%				$	423
230	Expenses					$	235
212	Contracted & Administrative Engineering Services					$	74,000
	Subtotal					$	76,008
	FLAGGING SERVICE: (Contract Labor)						
70	Labor (Conductor-Flagman)		100	Days @	$ 375.00	$	37,500
50	Labor (Foreman/Inspector)		0	Days @	$ 336.00	$	-
70	Additive	71.09% (Transportation Department)				$	26,659
50	Additive	100.72% (Engineering Department)				$	-
230	Expenses	(Engineering Department)	0	Days @	$ 75.00	$	-
230	Expenses	(Transportation Department)	100	Days @	$ 45.00	$	4,500
	Subtotal					$	68,659
	COMMUNICATIONS WORK:						
	Temporary (Details Attached)					$	-
	Permanent (Details Attached)					$	-
	Subtotal					$	-
	TRACK: LABOR						
50	Traffic Control		0	MAN-HRS	$ 24.00	$	-
50	Remove Existing Crossing		0	MAN-HRS	$ 24.00	$	-
50	Renew Cross Ties		0	MAN-HRS	$ 24.00	$	-
50	Renew Rail		0	MAN-HRS	$ 24.00	$	-
50	Install OTM		0	MAN-HRS	$ 24.00	$	-
50	Install Field Welds		0	MAN-HRS	$ 24.00	$	-
50	Install Geo-Textile Fabric		0	MAN-HRS	$ 24.00	$	-
50	Install Sub-Drains		0	MAN-HRS	$ 24.00	$	-
50	Install Ballast		0	MAN-HRS	$ 24.00	$	-
50	Line and Surface		0	MAN-HRS	$ 24.00	$	-
50	Install Crossing Materials		0	MAN-HRS	$ 24.00	$	-
50	Install Bituminous Pavement		0	MAN-HRS	$ 24.00	$	-
50	_____		0	MAN-HRS	$ 24.00	$	-
50	_____		0	MAN-HRS	$ 24.00	$	-
50	_____		0	MAN-HRS	$ 24.00	$	-

CSX TRANSPORTATION, INC.
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Pub EB - IL EB3 (IL)

50	Clean-Up		0	MAN-HRS	$ 24.00	$	-
50	Additive	100.72%				$	-
230	Per Diem		0	MAN-DAY	$ 90.00	$	-
	Subtotal					$	-
	TRACK: MATERIAL						
220	Cross Ties, Main Line		0	EA	$ 39.00	$	-
220	Cross tie - pre-plated		0	EA	$ 83.50	$	-
220	Cross-tie - Borate		0	EA	$ 56.00	$	-
220	Crossties, 10' Length		0	EA	$ 46.00	$	-
220	Tie plates		0	EA	$ 10.51	$	-
220	Rail, 136RE, New		0	LF	$ 21.00	$	-
220	Misc. OTM		1	LOT	$ -	$	-
210	Geo-Textile Fabric		0	RL	$ 930.00	$	-
210	Sub-Drains		0	LF	$ 6.00	$	-
220	Ballast - Car load		0	NT	$ 12.00	$	-
220	Ballast - Trucked in		0	NT	$ 45.00	$	-
220	Field Welds		0	EA	$ 100.00	$	-
	_____		0	___	$ -	$	-
	_____		0	___	$ -	$	-
210	Concrete Full Width		0	TF	$ 250.00	$	-
210	Concrete/Rubber Xing (CSX)		0	TF	$ 200.00	$	-
210	Rubber Crossing, Full Depth		0	TF	$ 325.00	$	-
210	Timber/Asphalt Crossing (CSX Standard)		0	TF	$ 42.00	$	-
210	Bituminous Material		0	NT		$	-
210	Sales Tax on Material	0.00%				$	-
210	Material Handling	5.00%				$	-
	Subtotal					$	-
	CONTRACT:						
215	Asphalt Paving (In Place)		0	NT		$	-
241	Disposal of Waste Materials		0	TF	$ 15.00	$	-
215	Maintenance of Traffic		0	DAY	$ 350.00	$	-
	Subtotal					$	-
241	**EQUIPMENT RENTAL:**						
	Subtotal					$	-
50	**WORK TRAIN:**		0	DAY	$ 2,100.00	$	-
	Subtotal					$	-
	SALVAGE:						
228	Rail		0	NT	$ 65.00	$	-
228	OTM		0	NT	$ 75.00	$	-
	Subtotal					$	-
	SIGNAL WORK:						
210	Material - Field & Consumables					$	-
210	Material - Sales Tax					$	-
220	Material - Shop					$	-
60	Construction Labor					$	-
65	Shop Labor					$	-
230	Per Diem					$	-
200	RR Engineering,Preliminary					$	-

CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE

ACCT. CODE : 709 - IL0321
Pub EB - IL EB3 (IL)

200	RR Engineering,Construction						$	-
60	Additives to Construction Labor						$	-
65	Additives to Shop Labor						$	-
200	Additives to Engineering						$	-
241	Equipment Expense						$	-
241	Waste Management						$	-
212	Contract Engineering						$	-
211	Freight						$	-
216	AC Power Service						$	-
228	Salvage						$	-
900	Other						$	-
	Subtotal						$	-
	ACCOUNTING & BILLING:							
40	Labor			9.5	Days @	$ 200.00	$	1,900
40	Additive	63.03%					$	1,198
	Subtotal						$	3,098
	PROJECT SUBTOTAL:						$	147,764
900	**CONTINGENCIES:**		10.00%				$	14,776
			GRAND TOTAL **********				$	162,541

DIVISION OF COST:

Agency	100.00%	$	162,541
Railroad	0.00%	$	-
	TOTAL **********	$	162,541

NOTE: Estimate is based on FULL CROSSING CLOSURE during work by Railroad Forces.

This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Assistant Chief Engineer Public Projects--Jacksonville, Florida

Estimated prepared by: Tom Nord - URS Corp Approved by: H. A. Gibson **CSXT Public Project Group**

DATE: 02/10/2011 REVISED: DATE: 02/28/2011

Form Revised 03-02-2010-LLS

EXHIBIT 2

ACCT. CODE : 709 - IL0321

Pub EB - **IL** EB3 (IL)

ESTIMATE SUBJECT TO REVISION AFTER: **08/09/2011** **DOT NO.:** TBA

CITY: East St. Louis **COUNTY:** St. Clair **STATE:** IL

DESCRIPTION: Mississippi River Bridge Project - New Bridge Construction - I-70 Westbound (SN 082-0323 & SN 082-0325) over I-55, Kansas City Southern Railroad & CSXT and CSXT access road relocation.

DIVISION: Louisville **SUB-DIV:** Illinois **MILEPOST:** BC-334.8(+/-)

DRAWING NO.: __ **DRAWING DATE:** __

AGENCY PROJECT NUMBER: Contract 76C75

Amount		
Task	Task Desc	Total
40	Labor General Office	$3,098
50	Labor Roadway	
60	Labor Signal	
65	Labor Signal1	
70	Labor Transportation	$64,159
200	Labor NonContract	$1,773
210	Invoice Material Material - Field & Consu	
211	Invoice Freight	
212	Invoice Contract Eng	$74,000
215	Invoice Misc	
216	Invoice Utilities	
220	Material New Material - Shop	
228	Scrap Credit	
230	ExpenseRpts	$4,735
241	Invoice Rental	
900	Other	
900	Contingencies	$14,776
	Material New	
Grand Total		$162,541

Oracle Input

EXHIBIT 2

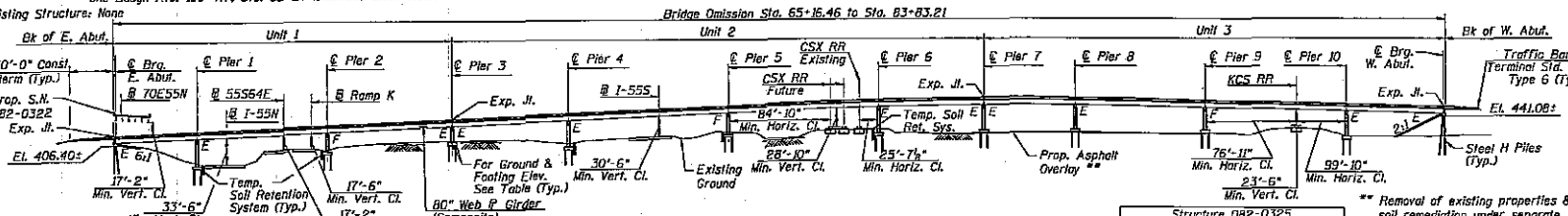
Benchmark DA59: Chiselled square easterly corner of east approach pavement, I-64 W.B. over I-55/70 E.B., 10.9' RT, Sta. 120+61 (64W55S) Elev. 421.63
Benchmark JD4: Chiselled square northerly foundation sign truss over I-55/70 W.B. ramp to I-64 E.B. 35.5' RT, Sta. 18+35 (55S64E) Elev. 403.40
Benchmark BM27: Chiselled 'X' southerly cap bolt fire hydrant at north quadrant 2nd Street and Baugh Ave. 190' RT, Sta. 86+27 (55S70W) Elev. 419.77

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NOTES: No freefall deck drains will be permitted in the span over the tracks or within 10 ft. of cross arms of a railroad pole line.

Removal and/or relocation of any existing utilities will be coordinated during final design.

Existing Structure: None



ELEVATION-STRUCTURE NO. 082-0325

** Removal of existing properties & soil remediation under separate contract.

Structure 082-0325		
Pier	Approx. Ground El.	Approx. Bot. Ftg. El.
1	384.03	380.03
2	402.02	398.02
3	413.06	409.06
4	411.85	407.85
5	421.37	417.37
6	427.11	423.11
7	421.50	421.50
8	422.00	422.00
9	423.20	423.20
10	417.00	413.00

DESIGN SPECIFICATIONS

2007 AASHTO LRFD Bridge Design Specifications with 2008 Interims

DESIGN STRESSES

f'c = 3,500 psi
fy = 60,000 psi (reinf.)
fy = 50,000 psi (M270 Grade 50)
fy = 36,000 psi (M270 Grade 36)

LOADING HL-93

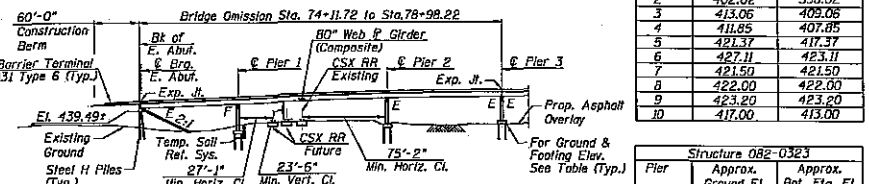
Allow 50#/sq. ft. for future wearing surface

SEISMIC DATA

Seismic Performance Zone (SPZ) = 2
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.24g
Design Spectral Acceleration at 0.2 sec. (S_{DS}) = 0.54g
Soil Site Class = D

LEGEND

- Existing Storm Sewer
- Existing Underground Electric
- Existing Underground Cable TV
- Existing Underground Combined Sewer
- Existing Underground Telephone
- Proposed Storm Sewer
- Soil Boring Location
- Proposed Light Pole



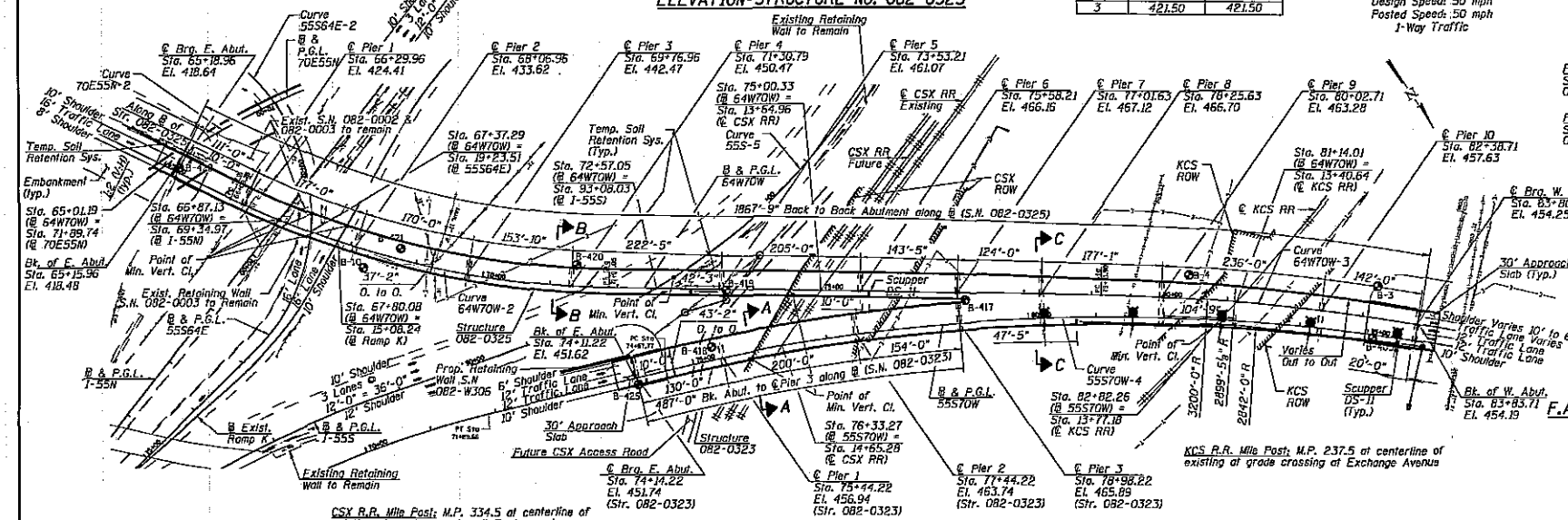
ELEVATION-STRUCTURE NO. 082-0323

Structure 082-0323		
Pier	Approx. Ground El.	Approx. Bot. Ftg. El.
1	413.79	409.79
2	423.35	419.35
3	421.50	421.50

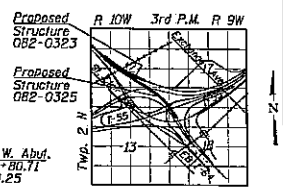
HIGHWAY CLASSIFICATION

Structure No. 082-0323
FAI 70/ FAP 998
Functional Class: Freeway Directional Ramp
ADT: 12,050 (2030)
ADTT: 2,772 (2030)
DHV: 1,205 (2030)
Design Speed: 50 mph
Posted Speed: 50 mph
1-Way Traffic

Structure No. 082-0325
FAI 70/ FAP 998
Functional Class: Freeway Directional Ramp
ADT: 14,910 (2030)
ADTT: 1,790 (2030)
DHV: 1,491 (2030)
Design Speed: 50 mph
Posted Speed: 50 mph
1-Way Traffic



PLAN



LOCATION SKETCH

GENERAL PLAN
I-70W OVER I-55, CSX & KCS RAILROADS
F.A.I. RTE. 70 - SEC. 82-1-1HB
ST. CLAIR COUNTY
STATION 77+44.22
STRUCTURE NO. 082-0323
STATION 75+58.21
STRUCTURE NO. 082-0325

TRANSPORTATION

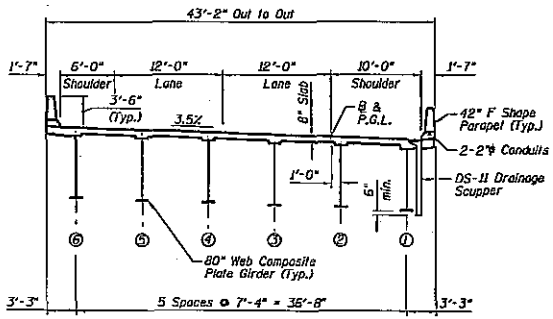
AECOM USA, Inc.
303 East Wacker Drive, Suite 600
Chicago, IL 60601

AECOM
www.aecom.com

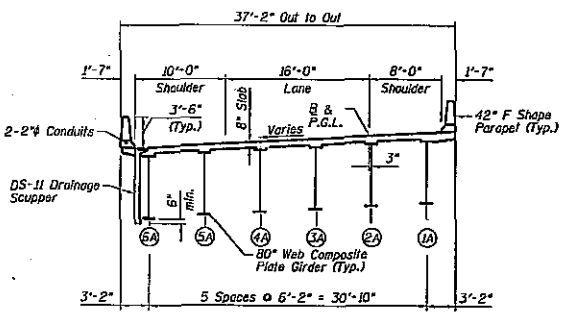
SHEET NO. 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4 SHEETS	70	82-1-1HB	ST. CLAIR	4	1
	S.N. 082-0323 & 082-0325		CONTRACT NO. 76C75		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXHIBIT 2

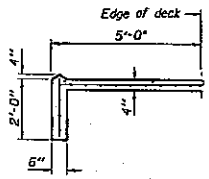
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



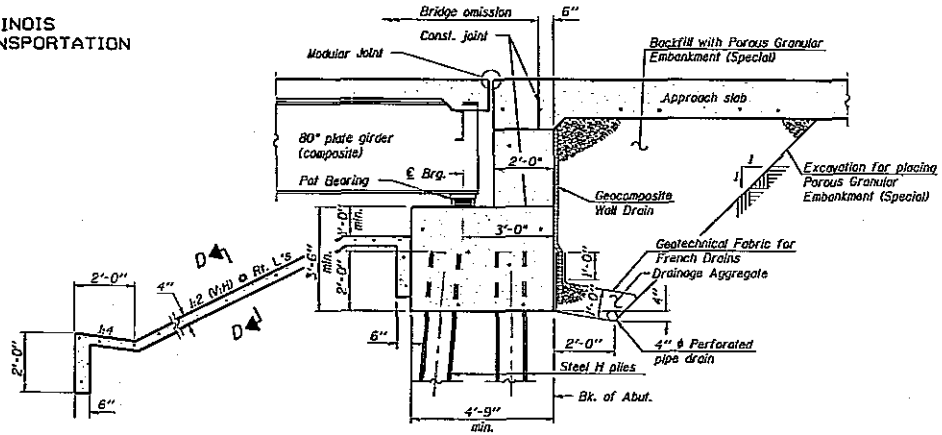
TYPICAL CROSS SECTION A-A (S.N. 082-0323)
Looking Upstation
(Dimensions Measured Radially Along ℄)



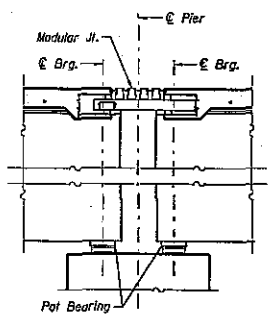
TYPICAL CROSS SECTION B-B (S.N. 082-0325)
Looking Upstation
(Dimensions Measured Radially Along ℄)



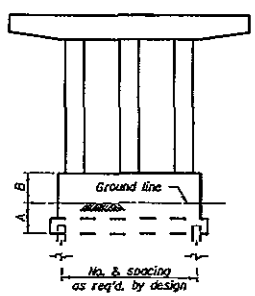
SECTION D-D



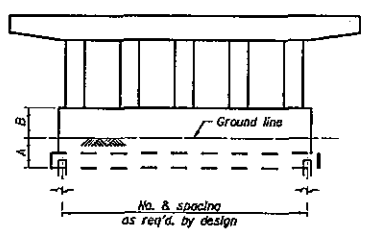
SECTION THRU PILE SUPPORTED STUB ABUTMENT
(Horiz. dim. @ Rt. L's)



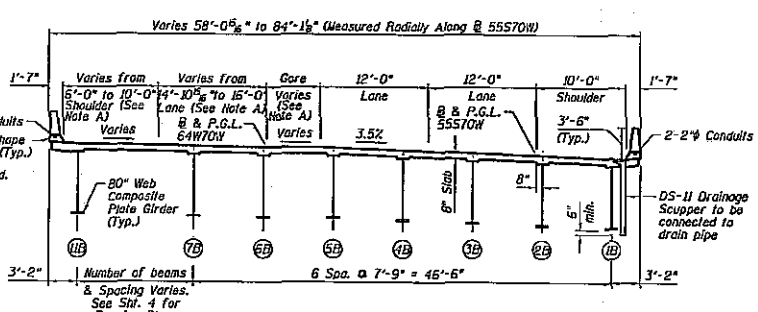
SECTION THRU. EXP. PIER
Pier 3 (S.N. 082-0323)
Pier 3 & 7 (S.N. 082-0325)



PIERS 1 THRU 7 SKETCH
(S.N. 082-0325)
PIERS 1 THRU 3 SKETCH
(S.N. 082-0323)



PIERS 8 THRU 10 SKETCH
(S.N. 082-0325)



TYPICAL CROSS SECTION C-C (S.N. 082-0325)
Looking Upstation
(Dimensions Measured Radially)

Note A:
Shoulder taper begins at Sta. 77+01.63 (Shld. width 10'-0") & ends at Sta. 79+13.90 (Shld. width 6'-0") along ℄ 64W70W.
Lane taper begins at Sta. 79+13.90 (Lane width 15'-0") & ends at Sta. 86+08.31 (Lane width 12'-0") along ℄ 64W70W.
Gore taper begins at Sta. 77+12.46 (Gore width 20'-0") & ends at Sta. 81+21.48 (Gore width 4'-0") along ℄ 64W70W.

TRANSPORTATION

AECOM USA, Inc.
303 East Wacker Drive, Suite 600
Chicago, IL 60601

AECOM

www.aecom.com

CRASHWALL DIMENSIONS

S.N. 082-0325		
Pier	A	B
1	4'-0"	4'-0"
2	4'-0"	4'-0"
3	4'-0"	0'-0"
4	4'-0"	4'-0"
5	4'-0"	4'-0"
6	4'-0"	0'-0"
7	0'-0"	0'-0"
8	0'-0"	0'-0"
9	0'-0"	0'-0"
10	4'-0"	0'-0"

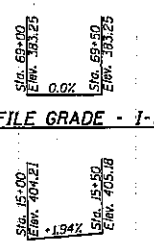
S.N. 082-0323		
Pier	A	B
1	4'-0"	0'-0"
2	4'-0"	0'-0"
3	0'-0"	0'-0"

SECTIONS AND DETAILS
I-70W OVER I-55, CSX & KCS RAILROADS
F.A.I. RTE. 70 - SEC. 82-1-1HB
ST. CLAIR COUNTY
STATION 77+44.22
STRUCTURE NO. 082-0323
STATION 75+58.21
STRUCTURE NO. 082-0325

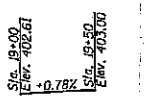
SHEET NO. 2	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4 SHEETS	70	82-1-1HB	ST. CLAIR	4	2
	S.N. 082-0323 & 082-0325		CONTRACT NO. 76C75		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXHIBIT 2

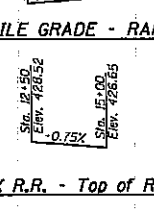
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



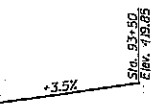
PROFILE GRADE - I-55N



PROFILE GRADE - 55S64E



PROFILE GRADE - RAMP K



PROFILE GRADE - I-55S

CSX R.R. - Top of Rail

KCS R.R. - Top of Rail

CURVE DATA

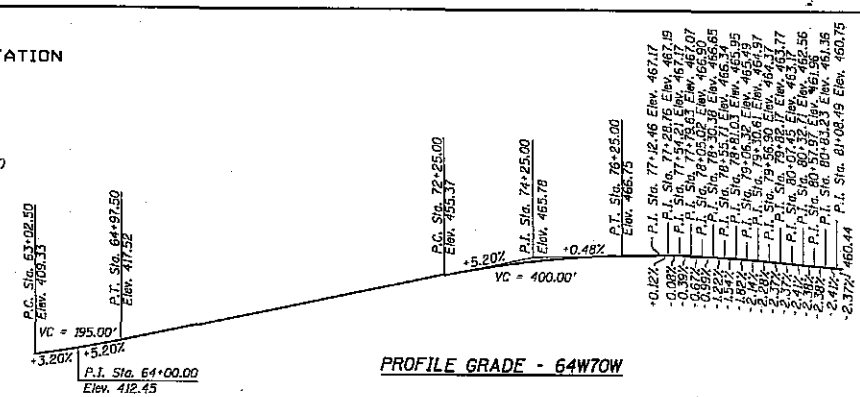
Curve 70E55N-2
P.I. STA. = 71+23.23
Δ = 87° 23' 14" (LT)
D = 5° 12' 31"
T = 1,050.95'
L = 1,677.71'
R = 1,100.00'
E = 421.34'
S.E. = 6.0%
ATTAINMENT T.R. = 0
ATTAINMENT S.E. RUN = 209'
P.C. STA. = 60+72.28
P.T. STA. = 77+49.99
REMOVAL S.E. RUN = 137'
REMOVAL T.R. = 0

CURVE DATA

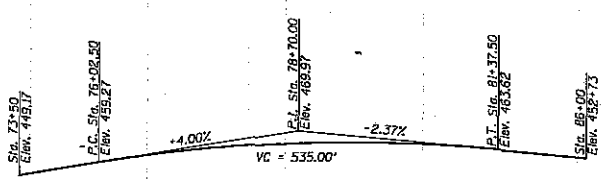
Curve 55S64E-2
P.I. STA. = 22+26.88
Δ = 120° 51' 15.89" (LT)
D = 20° 06' 13.62"
T = 502.25'
L = 601.15'
R = 285.00'
E = 292.47'
S.E. = 6.0%
ATTAINMENT T.R. = EX.
ATTAINMENT S.E. RUN = EX.
P.C. STA. = 17+24.63
P.T. STA. = 23+25.78
REMOVAL S.E. RUN = 90'
REMOVAL T.R. = 0

CURVE DATA

Curve 55S-5
P.I. STA. = 93+80.20
Δ = 30° 29' 46.07" (LT)
D = 6° 28' 13.22"
T = 241.39'
L = 471.32'
R = 885.51'
E = 32.31'
S.E. = 6.6%
P.C. STA. = 91+38.81
P.T. STA. = 95+10.13



PROFILE GRADE - 64W70W



PROFILE GRADE - 55S70W

CURVE DATA

Curve 55S70W-4
P.I. STA. = 81+39.12
Δ = 26° 52' 21.21" (RT)
D = 2° 00' 32.29"
T = 681.35'
L = 1,337.63'
R = 2,852.00'
E = 80.26'
S.E. = 3.5%
ATTAINMENT T.R. = 0
ATTAINMENT S.E. RUN = 65'
P.C. STA. = 74+57.77
P.T. STA. = 87+95.40
REMOVAL S.E. RUN = 169'
REMOVAL T.R. = 72'

CURVE DATA

Curve 64W70W-2
P.I. STA. = 69+02.97
Δ = 25° 20' 50.92" (LT)
D = 4° 23' 13.63"
T = 293.69'
L = 577.77'
R = 1,306.00'
E = 32.62'
S.E. = 5.4%
ATTAINMENT T.R. = 48'
ATTAINMENT S.E. RUN = 173'
P.C. STA. = 66+09.28
P.T. STA. = 71+87.05
REMOVAL S.E. RUN = 173'
REMOVAL T.R = 48'

CURVE DATA

Curve 64W70W-3
P.I. STA. = 82+62.48
Δ = 12° 26' 00.10" (RT)
D = 1° 47' 25.78"
T = 348.57'
L = 694.41'
R = 3,200.00'
E = 18.93'
S.E. = 3.5%
ATTAINMENT T.R. = 0
ATTAINMENT S.E. RUN = 64'
P.C. STA. = 79+13.90
P.T. STA. = 86+08.31
REMOVAL S.E. RUN = 84'
REMOVAL T.R. = 36'

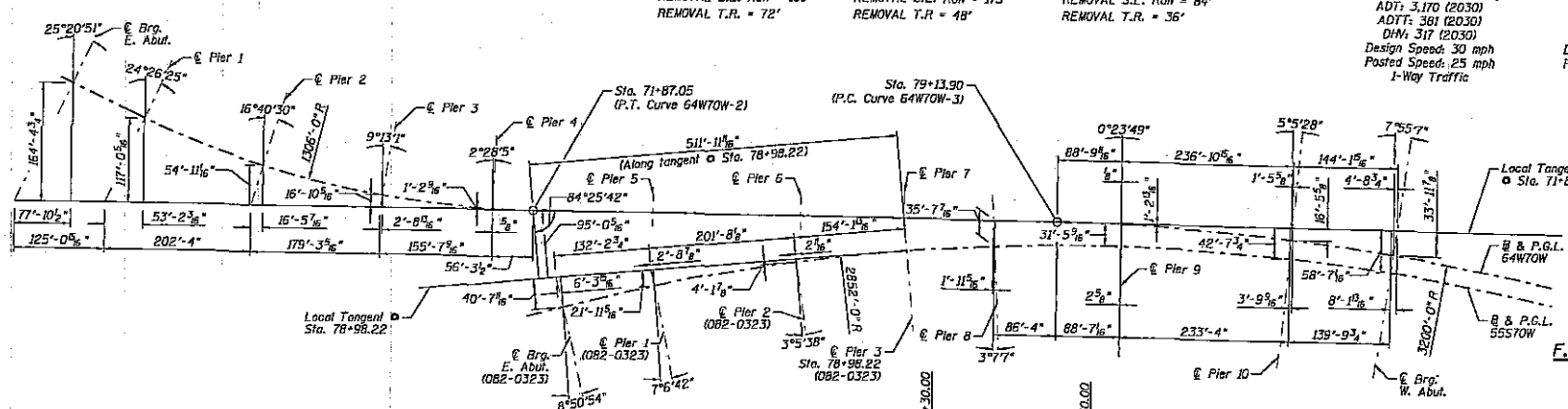
TRAFFIC DATA OF ROADWAYS BELOW PROPOSED STRUCTURES

I-55S
Functional Class: Freeway
ADT: 27,330 (2030)
ADTT: 4,920 (2030)
DHV: 2,733 (2030)
Design Speed: 60 mph
Posted Speed: 50 mph
1-Way Traffic

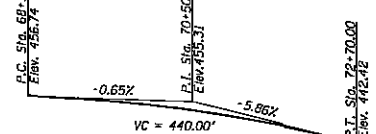
Ramp K
Functional Class: Freeway Ramp
ADT: 1,700 (2030)
ADTT: 238 (2030)
DHV: 170 (2030)
Design Speed: 30 mph
Posted Speed: 25 mph
1-Way Traffic

I-55S-I-64E
Functional Class: Freeway
ADT: 3,170 (2030)
ADTT: 381 (2030)
DHV: 317 (2030)
Design Speed: 30 mph
Posted Speed: 25 mph
1-Way Traffic

I-55N
Functional Class: Freeway
ADT: 33,260 (2030)
ADTT: 4,657 (2030)
DHV: 3,326 (2030)
Design Speed: 60 mph
Posted Speed: 50 mph
1-Way Traffic



OFFSET SKETCH



PROFILE GRADE - 70E55N

PROFILES AND DETAILS
I-70W OVER I-55, CSX & KCS RAILROADS
F.A.I. RTE. 70 - SEC. 82-1-1HB
ST. CLAIR COUNTY
STATION 77+44.22
STRUCTURE NO. 082-0323
STATION 75+58.21
STRUCTURE NO. 082-0325

SHEET NO. 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4 SHEETS	70	82-1-1HB	ST. CLAIR	4	3
	S.N. 082-0323 & 082-0325		CONTRACT NO. 76C75		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRANSPORTATION

AECOM USA, Inc.
303 East Wacker Drive, Suite 600
Chicago, IL 60601

AECOM

www.aecom.com

EXHIBIT 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

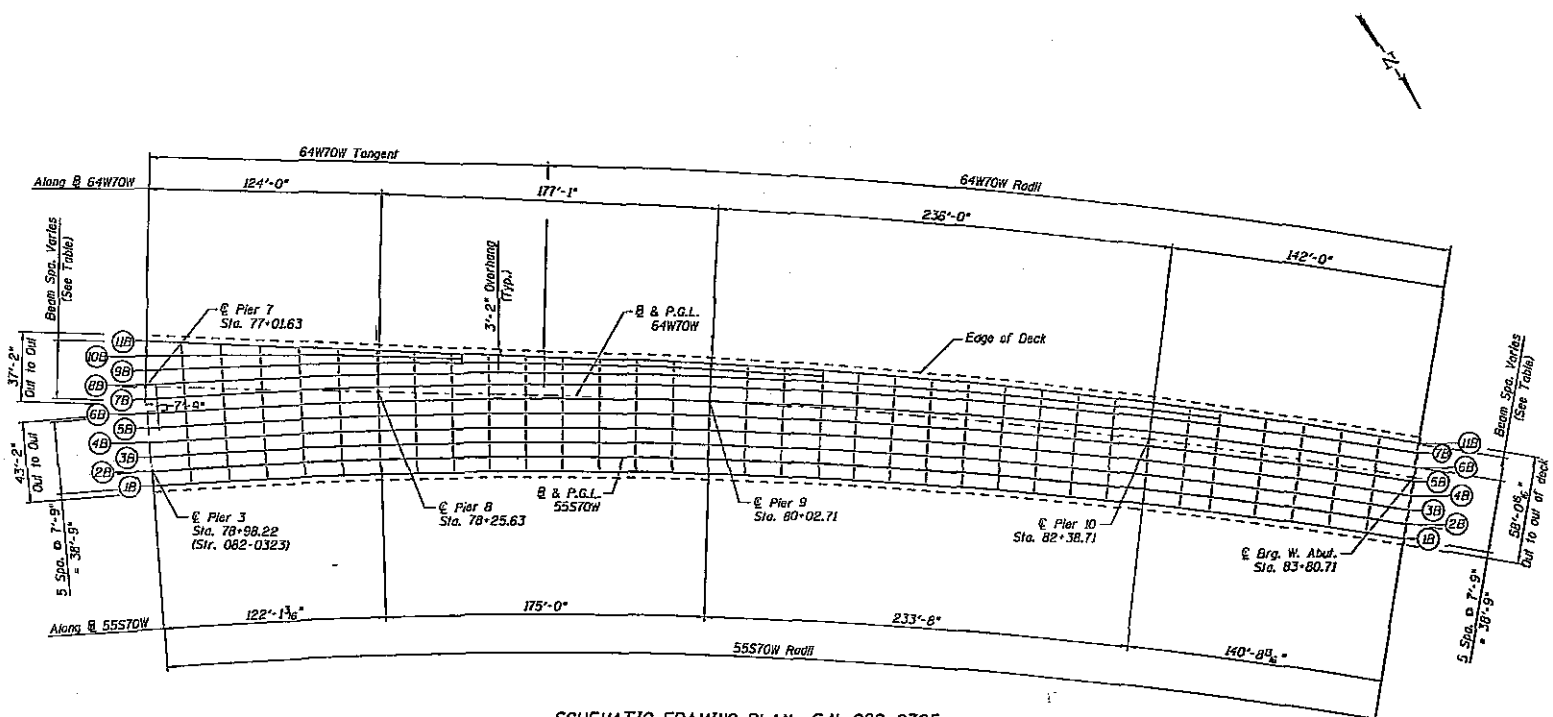
BEAM SPACING

Beam No.	℄ Pier 7	℄ Pier 8
7B-8B	7'-9 7/16"	6'-10"
8B-9B	7'-9 3/8"	6'-1 3/4"
9B-10B	7'-9 1/4"	3'-8 3/4"
10B-11B	8'-1 1/16"	3'-0 3/16"

Beam No.	℄ Pier 9
6B-7B	7'-9"
7B-8B	5'-6 1/4"
8B-9B	3'-10"
9B-11B	3'-1 3/4"

Beam No.	℄ Pier 10
6B-7B	7'-9"
7B-8B	3'-9 3/8"
8B-11B	3'-10 7/8"

Beam No.	℄ Brg. W. Abut.
6B-7B	7'-9"
7B-11B	5'-3 1/8"



SCHEMATIC FRAMING PLAN - S.N. 082-0325

NOTES:

At Piers tabulated beam spacing are measured along respective ℄ Pier.

At Abut. tabulated beam spacing are measured along ℄ Brg.

Location of bolted splices and cross frames to be designed.

PROPOSED FRAMING PLAN
I-70W OVER I-55, CSX &
KCS RAILROADS
F.A.I. RTE. 70 - SEC. 82-1-1HB
ST. CLAIR COUNTY
STATION 77+44.22
STRUCTURE NO. 082-0323
STATION 75+58.21
STRUCTURE NO. 082-0325

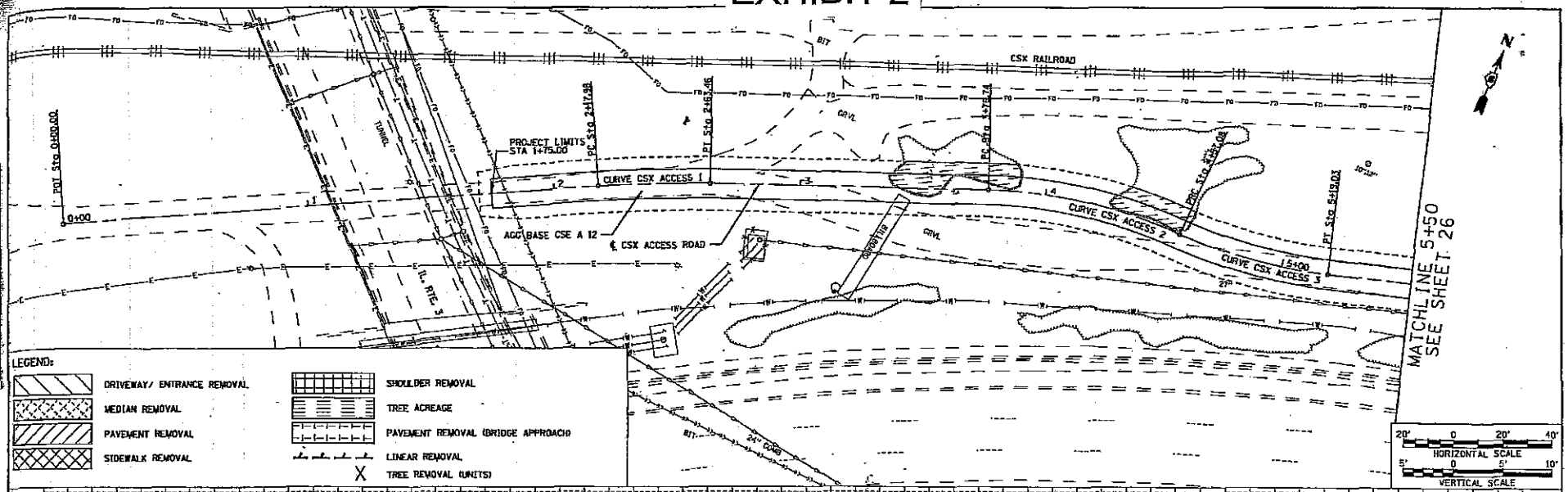
TRANSPORTATION

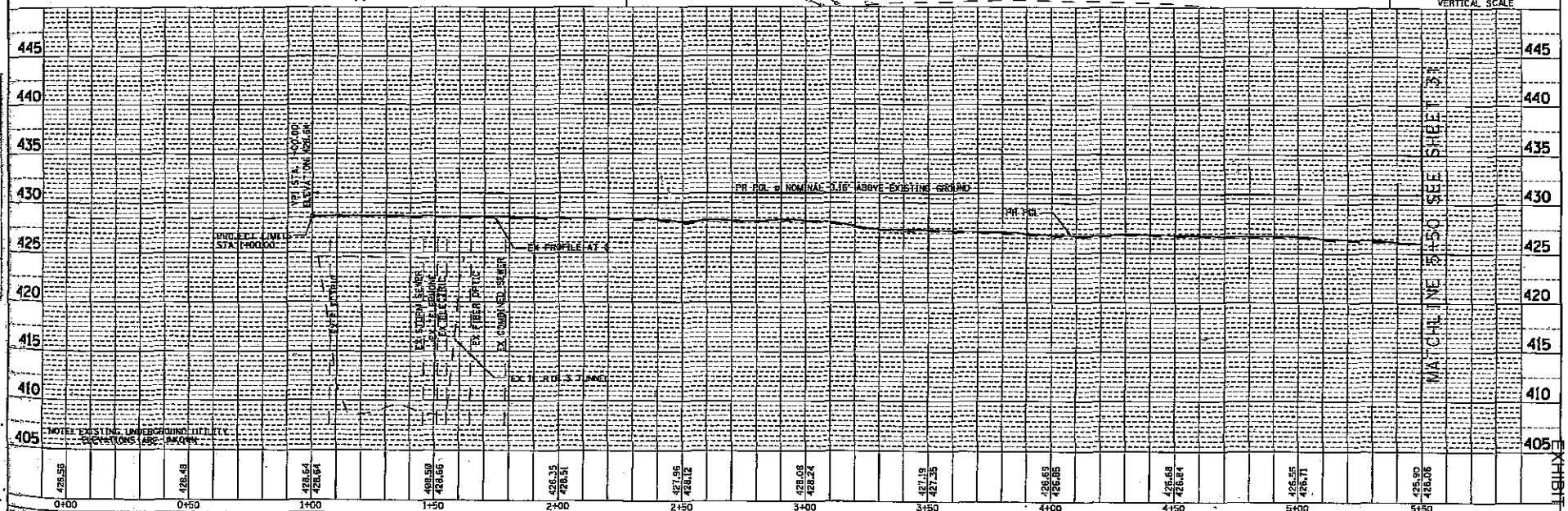
AECOM USA, Inc.
303 East Wacker Drive, Suite 600
Chicago, IL 60601

AECOM
www.aecom.com

SHEET NO. 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4 SHEETS	70	82-1-1HB	ST. CLAIR	4	4
	S.N. 082-0323 & 082-0325		CONTRACT NO. 76C75		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXHIBIT 2





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	DRAWN - AGF	REVISED -
PLOT SCALE = 40.0000 ' / IN.	CHECKED - MAN	REVISED -
PLOT DATE = 6/21/2010	DATE - 06-25-10	REVISED -

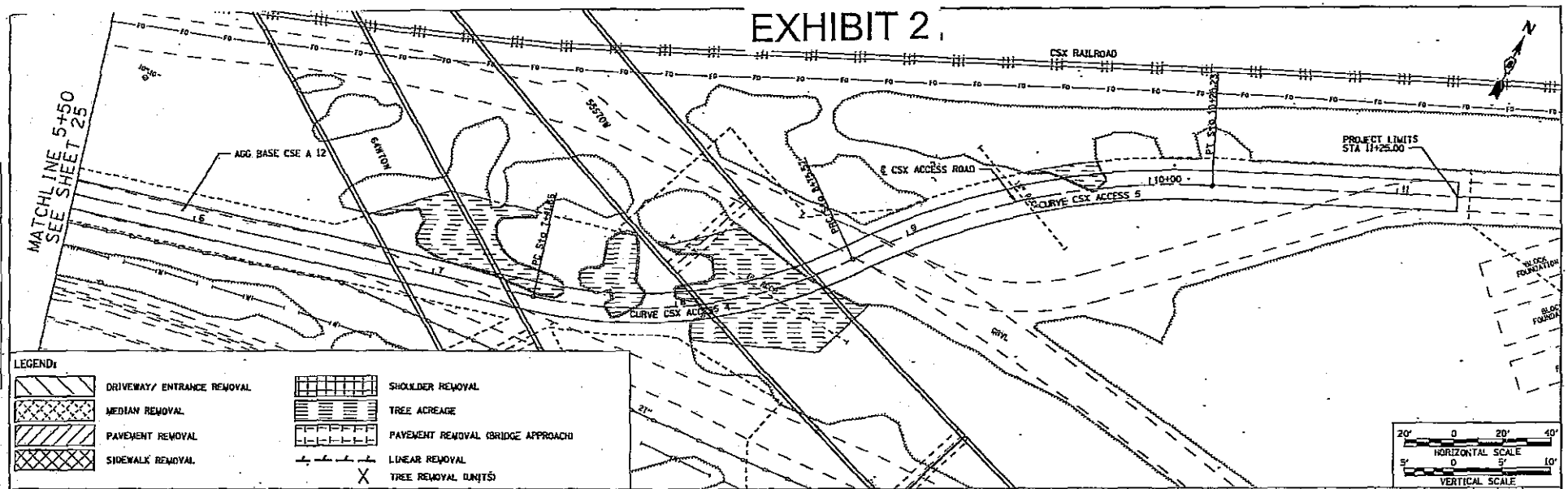
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

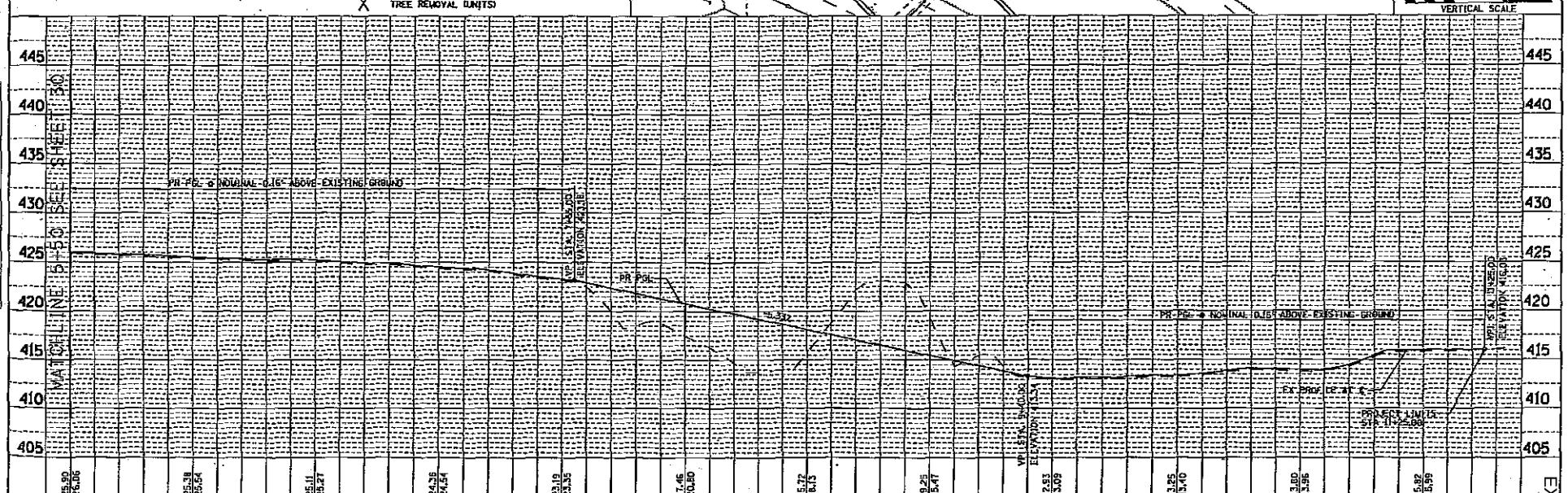
ROADWAY PLAN CSX ACCESS RD.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-0-1	ST. CLAIR	103	25
		CONTRACT NO. 76C75		

EXHIBIT 4

EXHIBIT 2





FILE NAME =	USER NAME =	DESIGNED - AGF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN CSX ACCESS RD.	F.A.T. RTE. 70	SECTION 82-1-2-1
		DRAWN - AGF	REVISED -				
	PLOT SCALE = 40:20N ' / IN.	CHECKED - MAK	REVISED -				
	PLOT DATE = 6/21/2010	DATE - 06-25-10	REVISED -		SCALE: 1"=20' | SHEET NO. 11 OF 11 SHEETS | STA. 5+50.00 TO STA. 11+25.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	103	28

CONTRACT NO. 76C80

EXHIBIT