

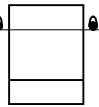








SHERMAN

1 LANE SHIFT LEFT (65:1) - STA. 339+54 TO STA. 344+50
 TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES @ 50' CTRS.

SN 084-0020

SN 084-0021

MATCH LINE STA. 347+00.00

- SYMBOLS**
-  CONSTRUCTION SPEED LIMIT SIGNS
 -  ARROWBOARD
 -  WORK AREA
 -  WORKER
 -  SIGN ON PORTABLE OR PERMANENT SUPPORT
 -  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 -  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 -  FLAGGER WITH TRAFFIC CONTROL SIGN
 -  IMPACT ATTENUATOR

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGE II TRAFFIC CONTROL
 SN 084-0020**

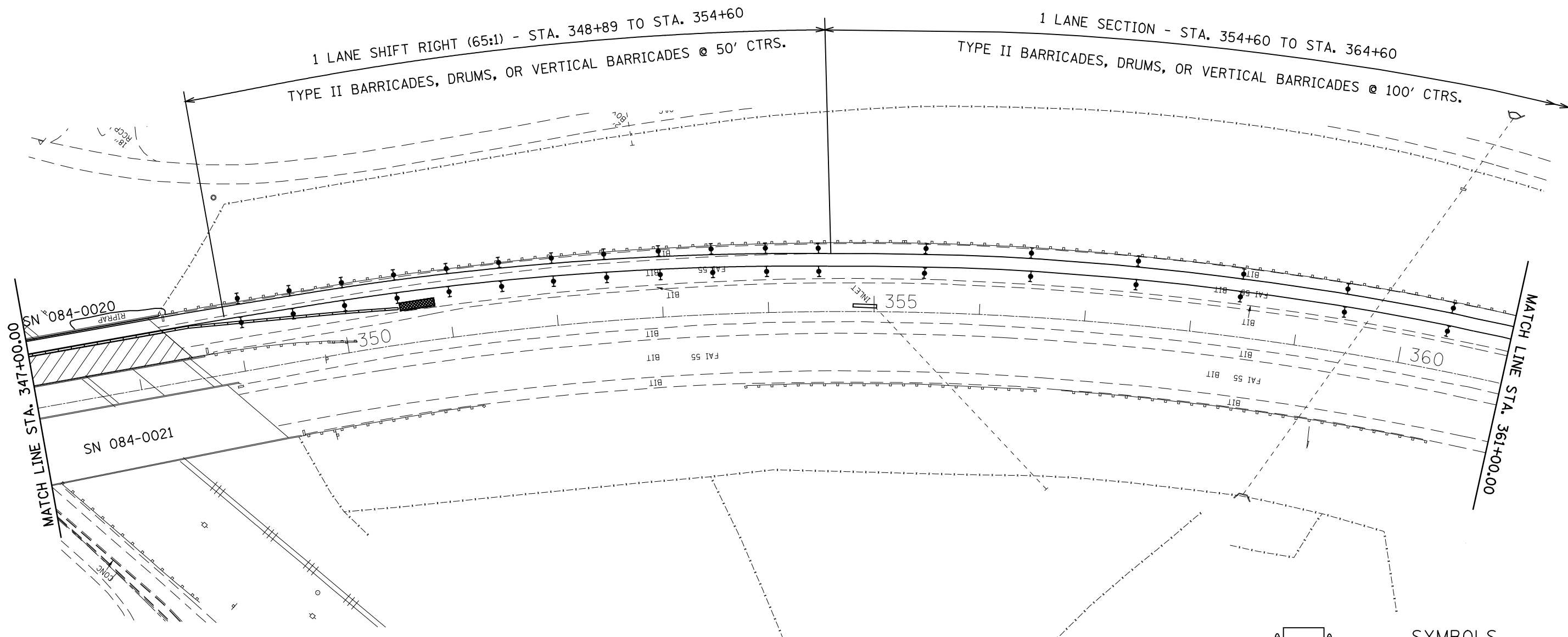
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-2(RS-3)	SANGAMON	156	101
CONTRACT NO. 72043			ILLINOIS FED. AID PROJECT	

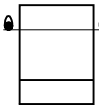










1 LANE SHIFT RIGHT (65:1) - STA. 348+89 TO STA. 354+60
 TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES @ 50' CTRS.

1 LANE SECTION - STA. 354+60 TO STA. 364+60
 TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES @ 100' CTRS.



SYMBOLS

-  CONSTRUCTION SPEED LIMIT SIGNS
-  ARROWBOARD
-  WORK AREA
-  WORKER
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  FLAGGER WITH TRAFFIC CONTROL SIGN
-  IMPACT ATTENUATOR

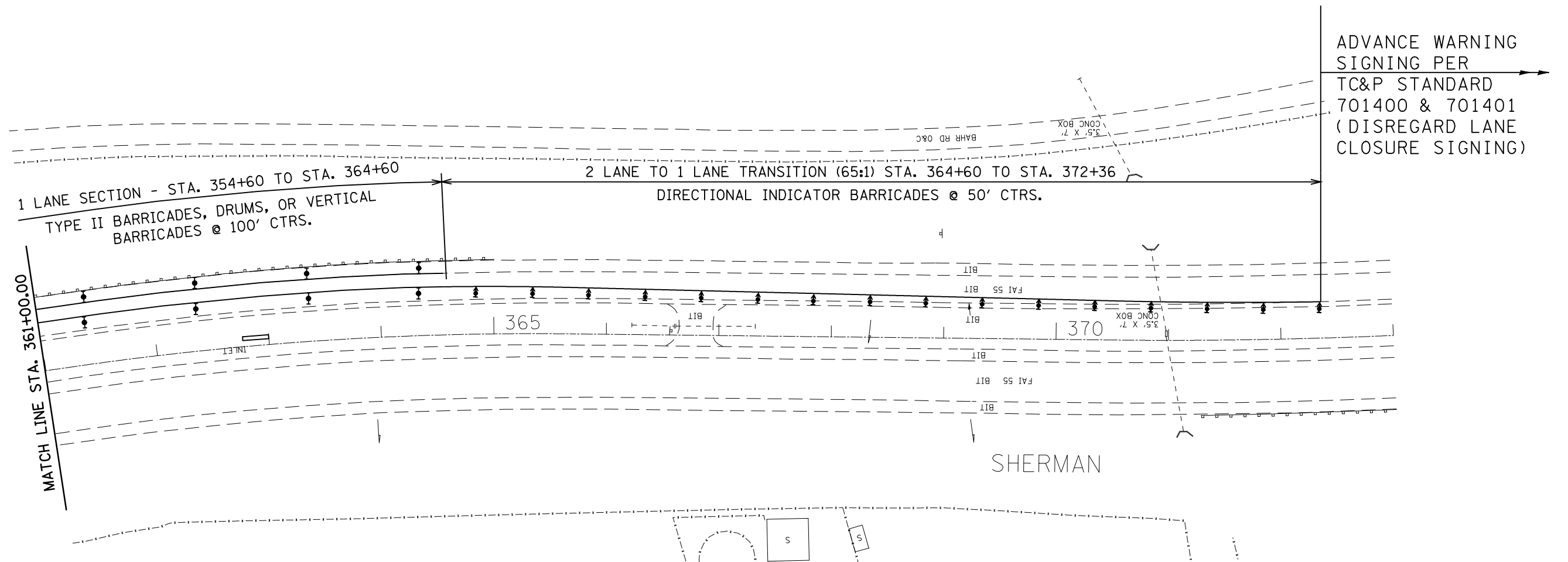
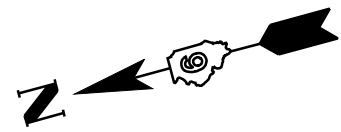
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STAGE II TRAFFIC CONTROL
 SN 084-0020**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

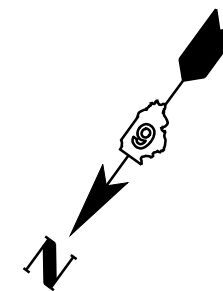
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-2(RS-3)	SANGAMON	156	102
CONTRACT NO. 72D43			ILLINOIS FED. AID PROJECT	



SYMBOLS

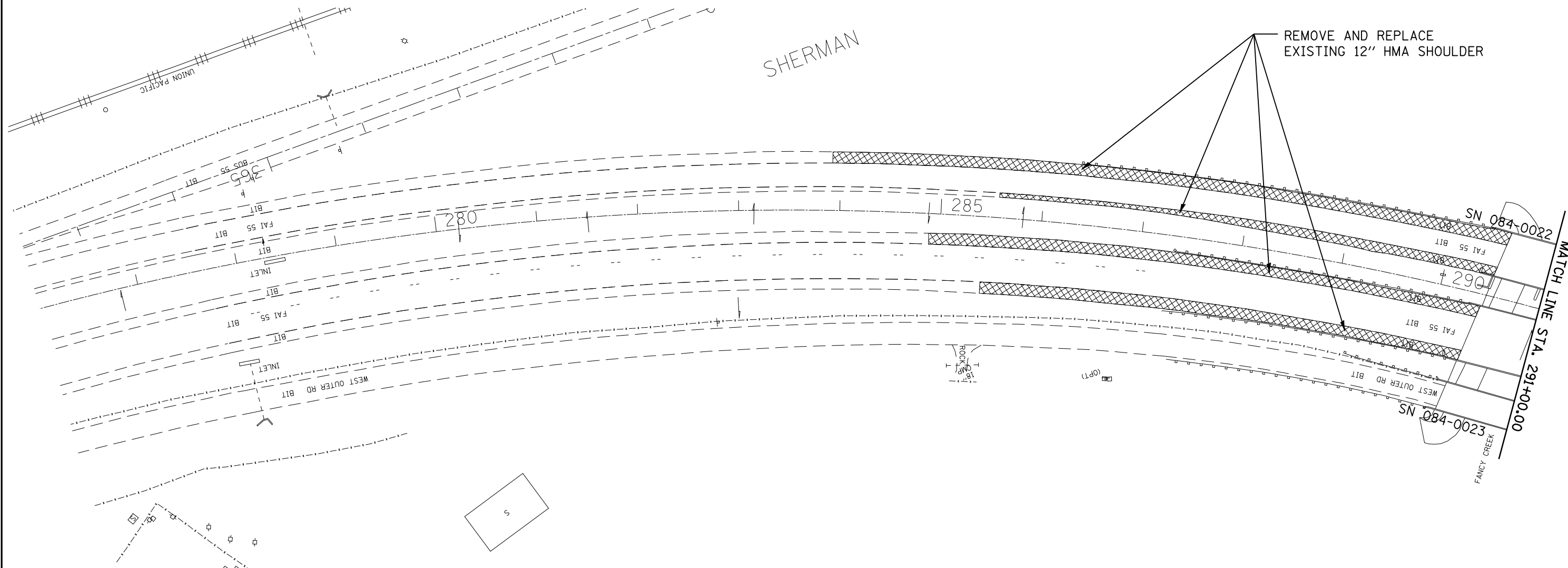
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	ARROWBOARD
	WORK AREA
	WORKER
	SIGN ON PORTABLE OR PERMANENT SUPPORT
	DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN
	IMPACT ATTENUATOR

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II TRAFFIC CONTROL SN 084-0020				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = Apr-29-2010 07:46:52AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



SHERMAN

REMOVE AND REPLACE
EXISTING 12" HMA SHOULDER



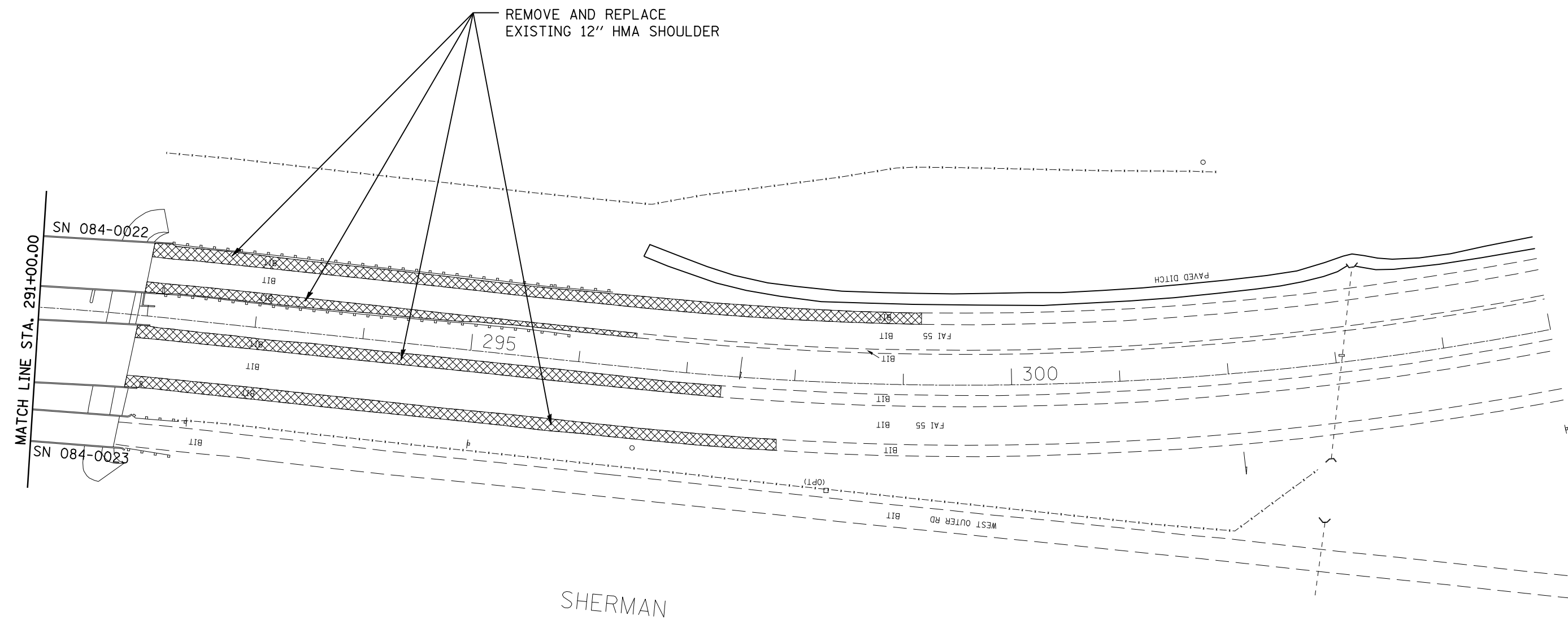
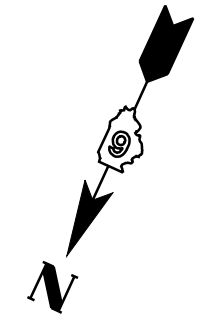
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRE STAGE I
SN 084-0022 & 0023**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-2(RS-3)	SANGAMON	156	104
CONTRACT NO. 72D43			ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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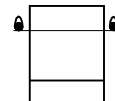

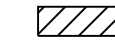






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

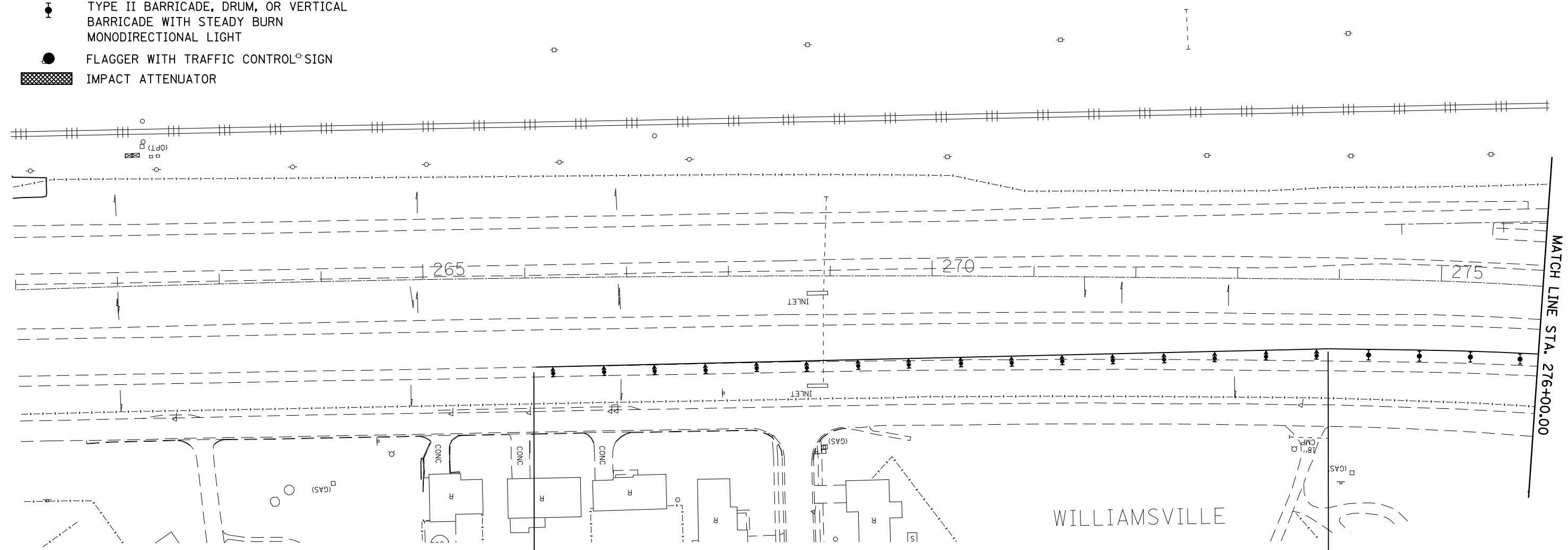
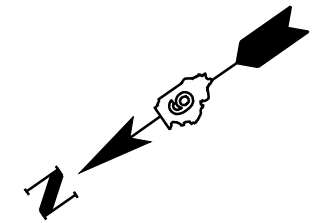
**PRE STAGE I
SN 084-0022 & 0023**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-2(RS-3)	SANGAMON	156	105
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D43	

SYMBOLS

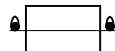
-  CONSTRUCTION SPEED LIMIT SIGNS
-  ARROWBOARD
-  WORK AREA
-  WORKER
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  FLAGGER WITH TRAFFIC CONTROL SIGN
-  IMPACT ATTENUATOR



3 TO 2 LANE TRANSITION (65:1) STA. 266+07 TO STA. 273+90
 DIRECTIONAL INDICATOR BARRICADES @ 50' CTRS.

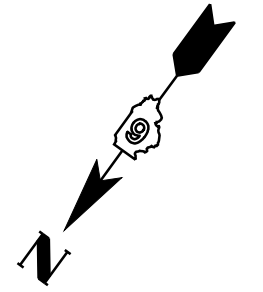
← ADVANCE WARNING SIGNING PER TC&P STANDARD 701400 (DISREGARD LANE CLOSURE SIGNING)

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE I TRAFFIC CONTROL SN 084-0022 & 0023	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 72D43				
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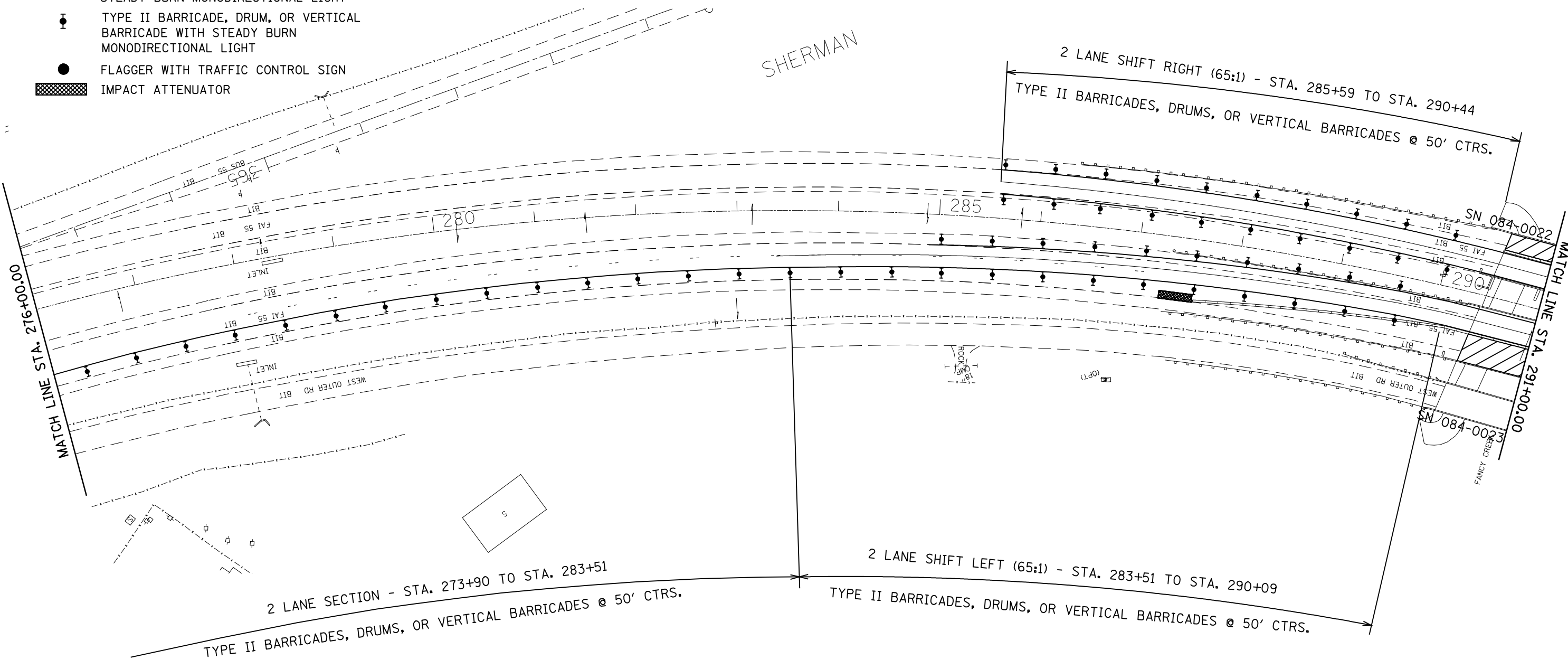


SYMBOLS

- CONSTRUCTION SPEED LIMIT SIGNS
- ARROWBOARD
- WORK AREA
- WORKER
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL SIGN
- IMPACT ATTENUATOR



SHERMAN



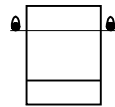
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE I TRAFFIC CONTROL
SN 084-0022 & 0023**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-2(RS-3)	SANGAMON	156	107
			CONTRACT NO. 72D43	
ILLINOIS FED. AID PROJECT				



CONSTRUCTION SPEED LIMIT SIGNS



ARROWBOARD



WORK AREA



WORKER



SIGN ON PORTABLE OR PERMANENT SUPPORT



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT



TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

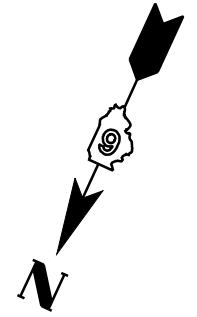


FLAGGER WITH TRAFFIC CONTROL SIGN

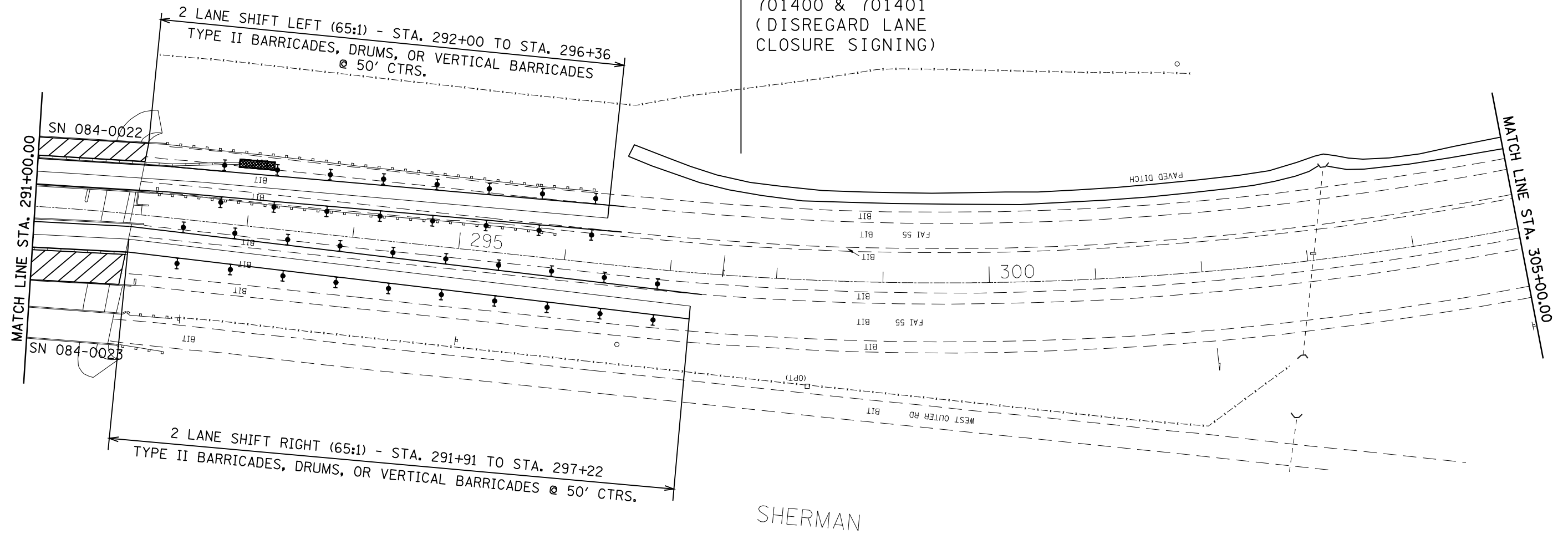


IMPACT ATTENUATOR

SYMBOLS



ADVANCE WARNING
SIGNING PER
TC&P STANDARD
701400 & 701401
(DISREGARD LANE
CLOSURE SIGNING)



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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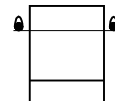

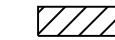






STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

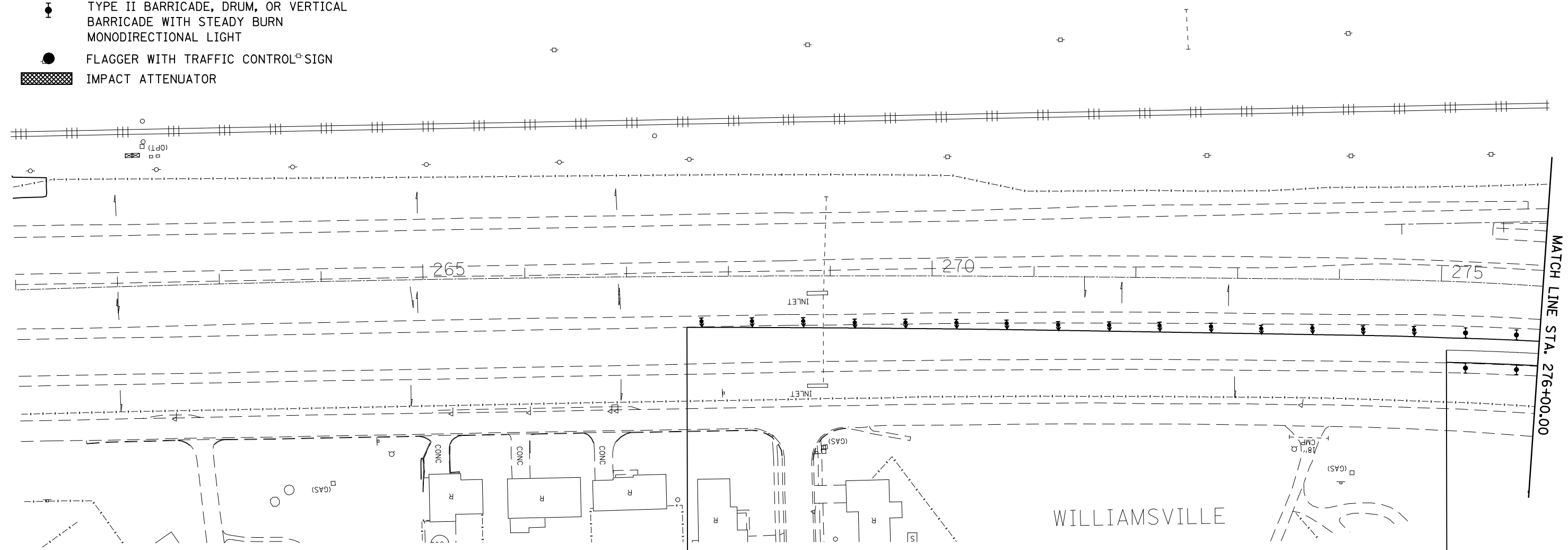
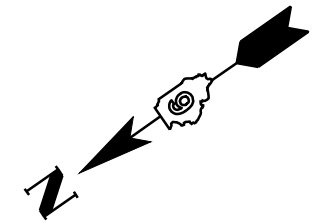
STAGE I TRAFFIC CONTROL
SN 084-0022 & 0023

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-2(RS-3)	SANGAMON	156	108
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D43	

SYMBOLS

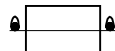
-  CONSTRUCTION SPEED LIMIT SIGNS
-  ARROWBOARD
-  WORK AREA
-  WORKER
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  FLAGGER WITH TRAFFIC CONTROL SIGN
-  IMPACT ATTENUATOR



3 TO 2 LANE TRANSITION (65:1) STA. 267+59 TO STA. 275+07
 DIRECTIONAL INDICATOR BARRICADES @ 50' CTRS.

← ADVANCE WARNING
 SIGNING PER TC&P
 STANDARD 701400
 (DISREGARD LANE
 CLOSURE SIGNING)

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II TRAFFIC CONTROL SN 084-0022 & 0023			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Apr-29-2010 07:47:14AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			



CONSTRUCTION SPEED LIMIT SIGNS



ARROWBOARD



WORK AREA



WORKER



SIGN ON PORTABLE OR PERMANENT SUPPORT



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT



TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

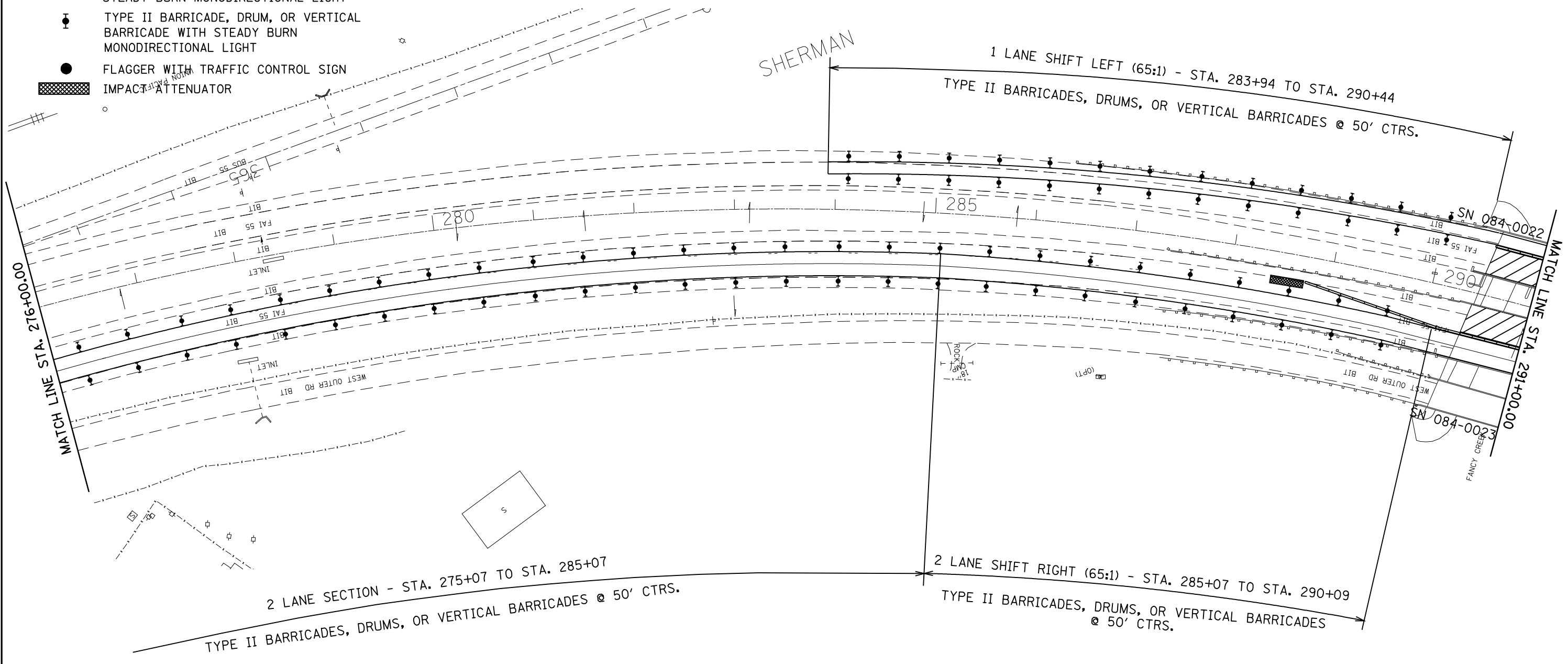
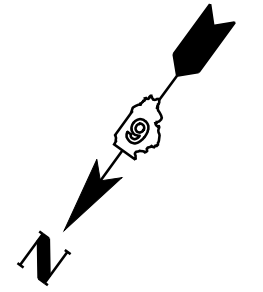


FLAGGER WITH TRAFFIC CONTROL SIGN



IMPACT ATTENUATOR

SYMBOLS



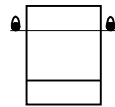
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE II TRAFFIC CONTROL
SN 084-0022 & 0023**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-2(RS-3)	SANGAMON	156	110
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D43	



CONSTRUCTION SPEED LIMIT SIGNS



ARROWBOARD



WORK AREA



WORKER



SIGN ON PORTABLE OR PERMANENT SUPPORT



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT



TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

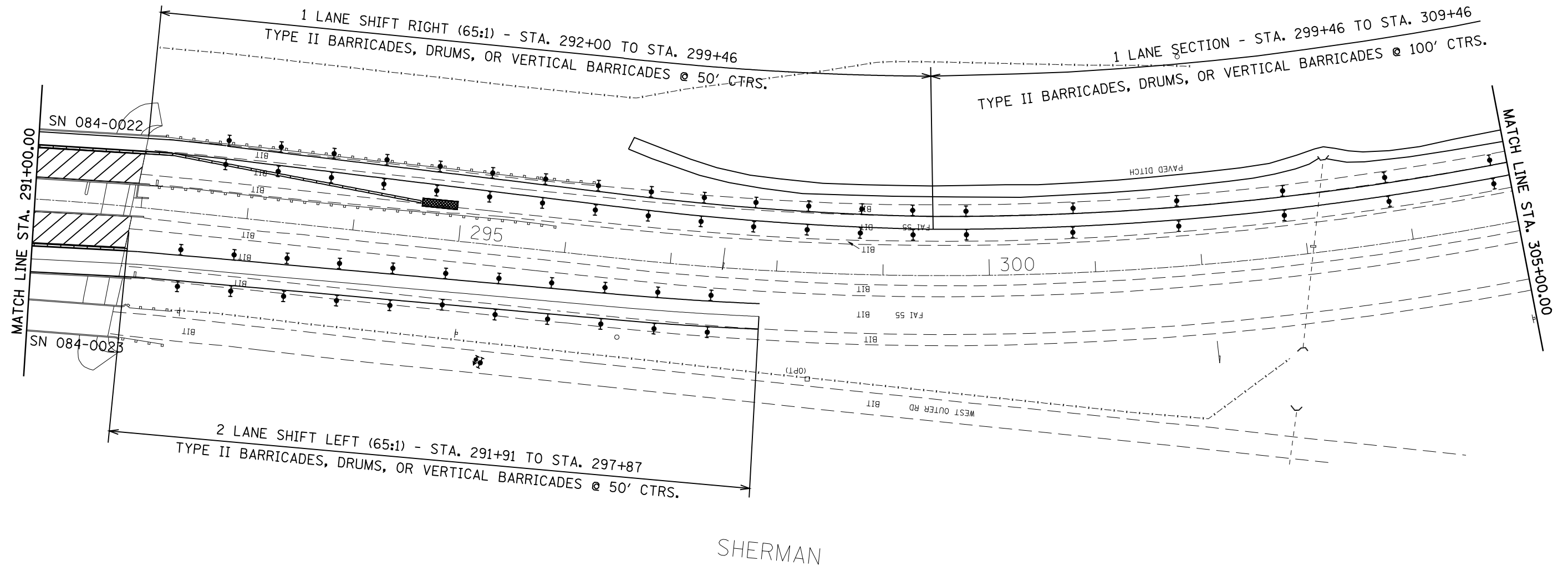
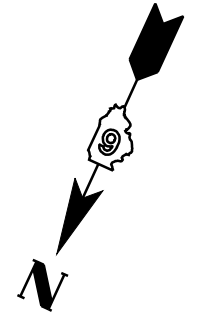


FLAGGER WITH TRAFFIC CONTROL SIGN



IMPACT ATTENUATOR

SYMBOLS



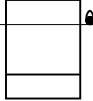








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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

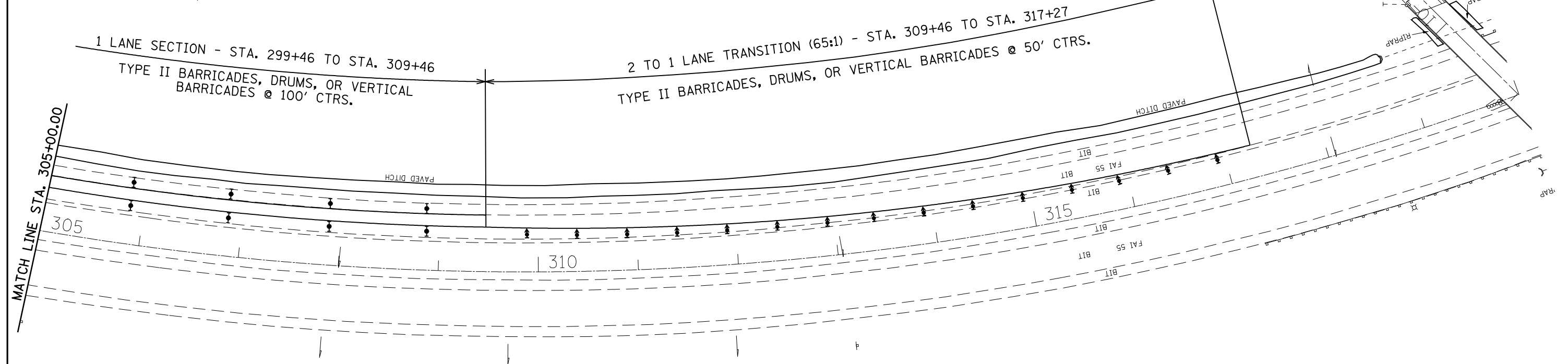
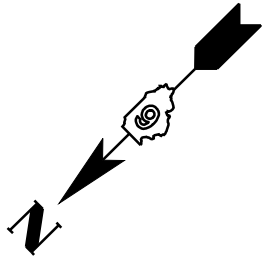
STAGE II TRAFFIC CONTROL			
SN 084-0022 & 0023			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-2(RS-3)	SANGAMON	156	111
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72043	

SYMBOLS

-  CONSTRUCTION SPEED LIMIT SIGNS
-  ARROWBOARD
-  WORK AREA
-  WORKER
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  FLAGGER WITH TRAFFIC CONTROL SIGN
-  IMPACT ATTENUATOR

ADVANCE WARNING
SIGNING PER
TC&P STANDARD
701400 & 701401
(DISREGARD LANE
CLOSURE SIGNING)



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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	PLOT DATE = Apr-29-2010 07:47:25AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE II TRAFFIC CONTROL
SN 084-0022 & 0023**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-2(RS-3)	SANGAMON	156	112
CONTRACT NO. 72D43			ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

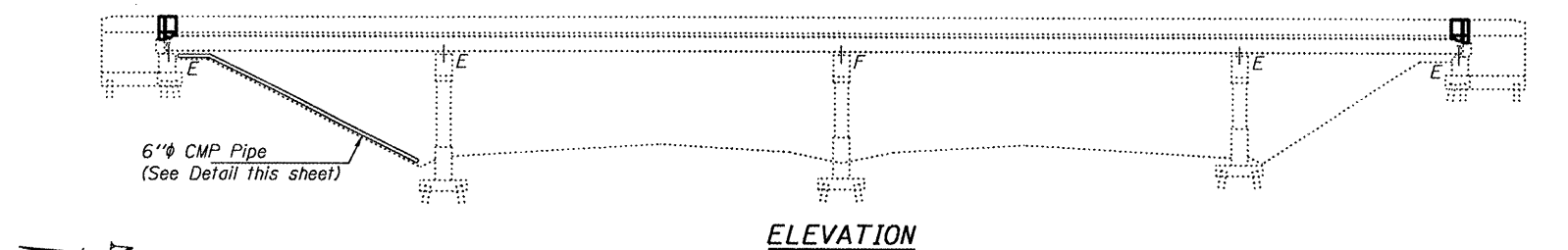
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

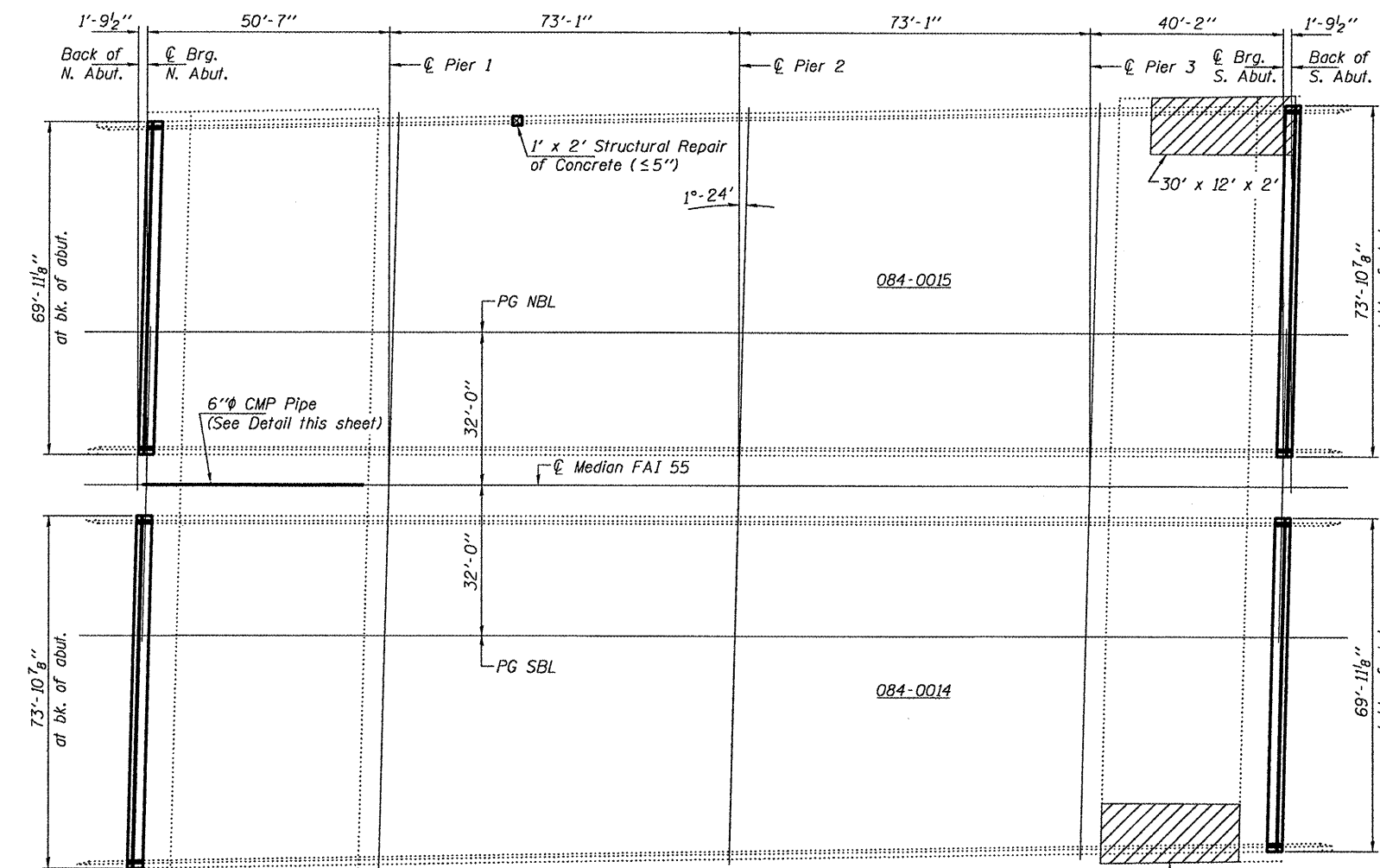
Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

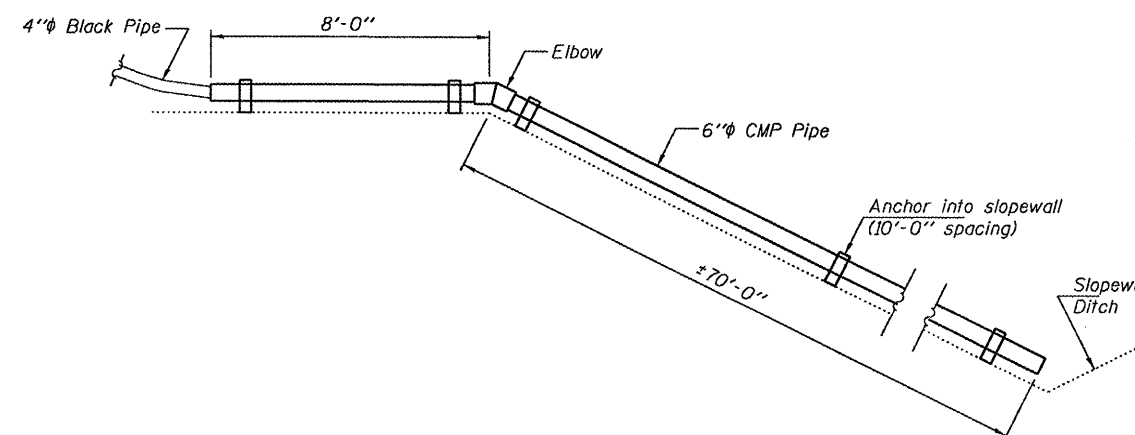
The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.



ELEVATION



PLAN



ABUTMENT DRAIN PIPE DETAILS

Cost of all materials and labor required to complete the work as indicated is included in the unit price per foot for Bridge Abutment Drain Pipe (6").

- Slopewall Slurry Pumping
- Structural Repair of Concrete (≤ 5")

TOTAL BILL OF MATERIAL

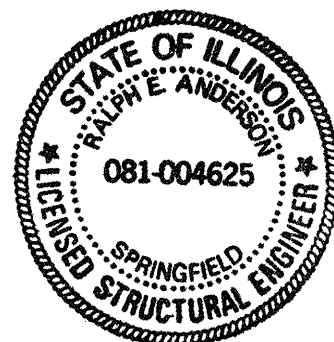
ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	42.3
Concrete Superstructure	Cu. Yd.	42.3
Preformed Joint Strip Seal	Foot	283
Reinforcement Bars, Epoxy Coated	Pound	5020
Bar Splicers	Each	56
* Protective Coat	Sq. Yd.	101.5
Slopewall Slurry Pumping	Sq. Yd.	54.0
Structural Repair of Concrete (≤ 5")	Sq. Ft.	2.0
Bridge Abutment Drain Pipe (6")	Foot	78

* On new concrete only

**PLAN AND ELEVATION
FAI 55 OVER SANGAMON AVE.
SN 084-0014 & 0015**

DESIGNED	<i>Jim J. Fogarty</i>
CHECKED	<i>Victor H. Velazquez</i>
DRAWN	<i>baliva</i>
CHECKED	<i>ISL vku</i>

EXAMINED	<i>Ralph E. Anderson</i> ENGINEER OF STRUCTURAL SERVICES
PASSED	<i>Ralph E. Anderson</i> ENGINEER OF BRIDGES AND STRUCTURES



EXPIRES 11-30-2010

SHEET NO. 1 6 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	84 2(RS-3)	SANGAMON	156	113
			CONTRACT NO. 72D43		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

Insert Structure Plans Sheet 114

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
PLOT DATE = Apr-29-2010 07:47:30AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 115

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000 ' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
PLOT DATE = Apr-29-2010 07:47:32AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 116

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\LAUGHLINRL\0176540\0672043-sht-blank_bridg-plans.dgn		DRAWN -	REVISED -		55	84-2(RS-3)	SANGAMON				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
PLOT DATE = Apr-29-2010 07:47:34AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 117

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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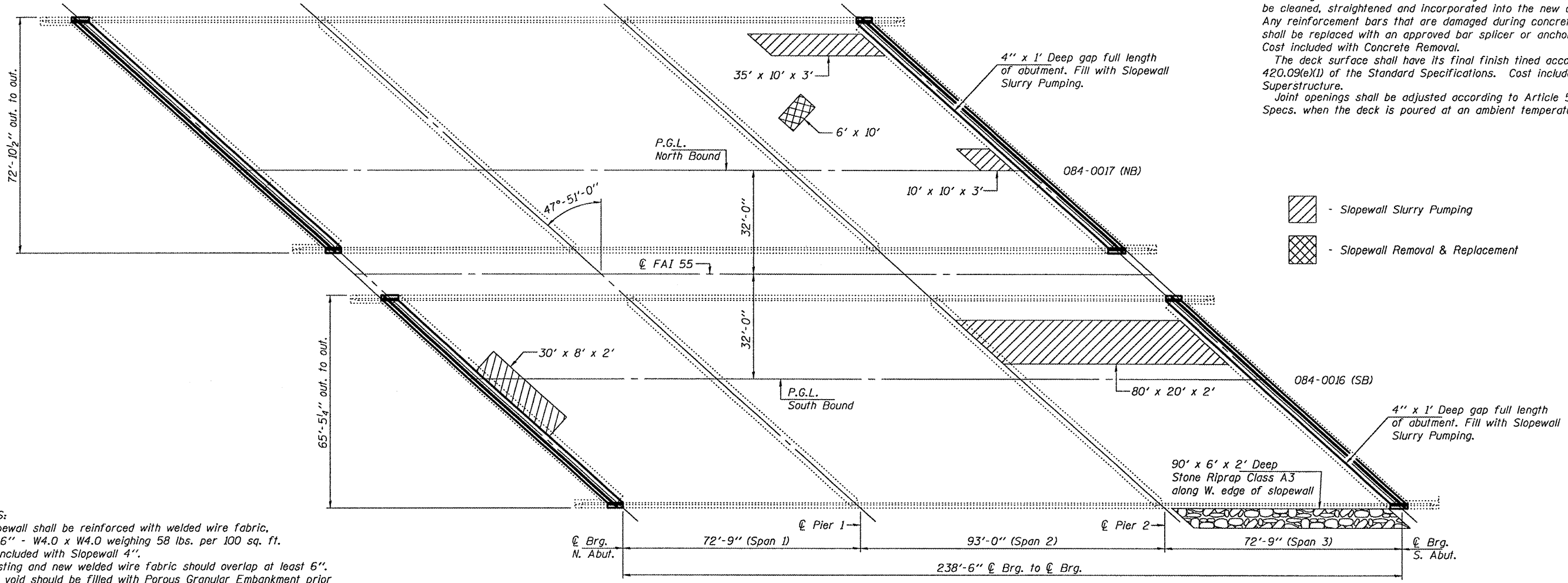
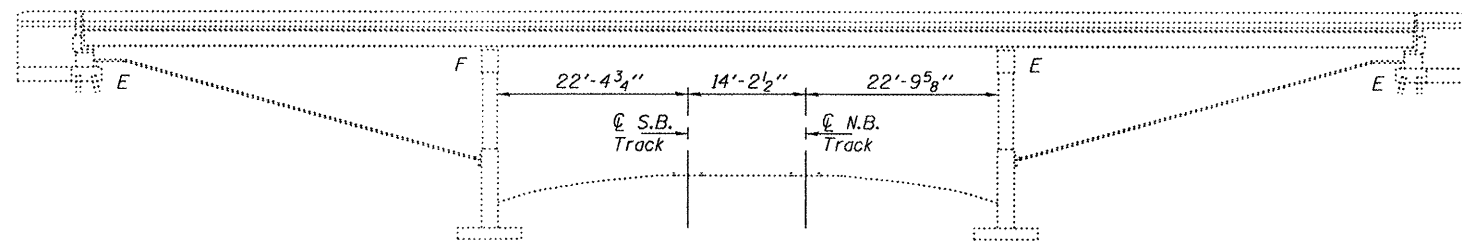
Insert Structure Plans Sheet 118

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Apr-29-2010 07:47:38AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
Reinforcement bars designated (E) shall be epoxy coated.
Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.
Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.



- Slopewall Slurry Pumping
- Slopewall Removal & Replacement

NOTES:
Slopewall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0 weighing 58 lbs. per 100 sq. ft. Cost included with Slopewall 4".
Existing and new welded wire fabric should overlap at least 6".
Any void should be filled with Porous Granular Embankment prior to placement of new slopewall. Cost included with Slopewall 4".

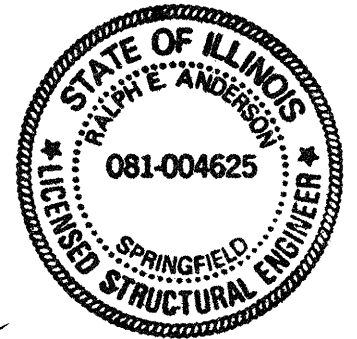
TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	60.0
Concrete Superstructure	Cu. Yd.	60.8
Preformed Joint Strip Seal	Foot	402
Reinforcement Bars, Epoxy Coated	Pound	6750
Bar Splicers	Each	48
Protective Coat	Sq. Yd.	180.9
Slopewall Removal	Sq. Yd.	7.0
Slopewall 4"	Sq. Yd.	7.0
Slopewall Slurry Pumping	Cu. Yd.	190.0
Stone Riprap Class A3	Sq. Yd.	60.0
Filter Fabric	Sq. Yd.	60.0

* On new concrete only.

PLAN & ELEVATION
F.A.I. 55 OVER I.C.R.R.
SN 084-0016 (SB) & 0017 (NB)

SHEET NO. 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	84-2(RS-3)	SANGAMON	156	119
8 SHEETS			CONTRACT NO. 72D43		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		



DESIGNED *Jim J. Jeps*
CHECKED *Adrian T. Holloway*
DRAWN Kyle M. Steffen
CHECKED *IJL ATH*

EXAMINED *Ralph E. Anderson*
PASSED *Ralph E. Anderson*
MAY 7, 2010
ENGINEER OF STRUCTURAL SERVICES
ENGINEER OF BRIDGES AND STRUCTURES

Expires: November 30, 2010

Insert Structure Plans Sheet 120

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -				CONTRACT NO. 72043				
PLOT DATE = Apr-29-2010 07:47:43AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 121

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\LAUGHLINRL\0176540\0672043-sht-blank_bridg-plans.dgn		DRAWN -	REVISED -		55	84-2(RS-3)	SANGAMON				
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PLOT DATE = Apr-29-2010 07:47:45AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 122

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Apr-29-2010 07:47:47AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 123

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Insert Structure Plans Sheet 124

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Insert Structure Plans Sheet 125

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -				CONTRACT NO. 72043				
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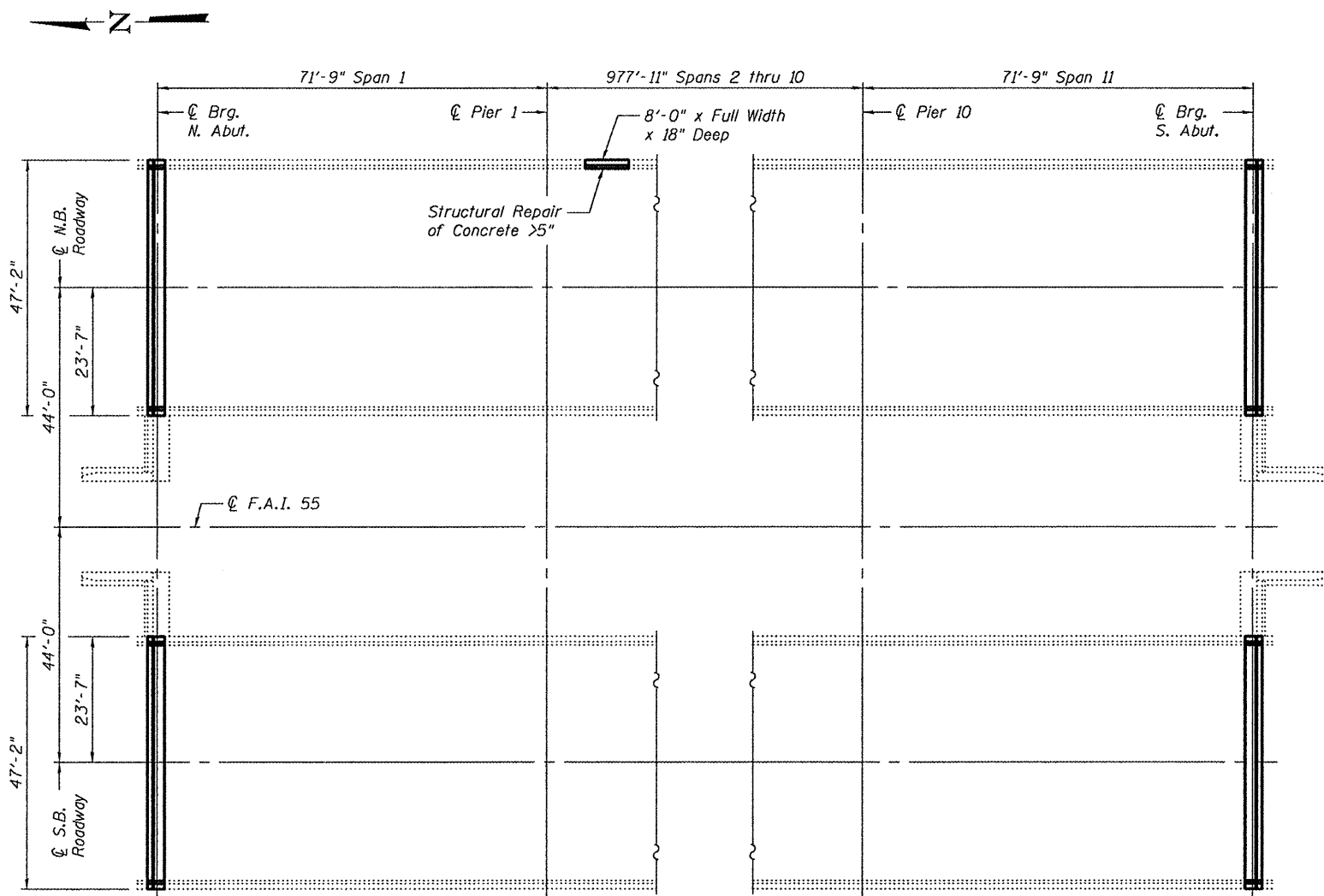
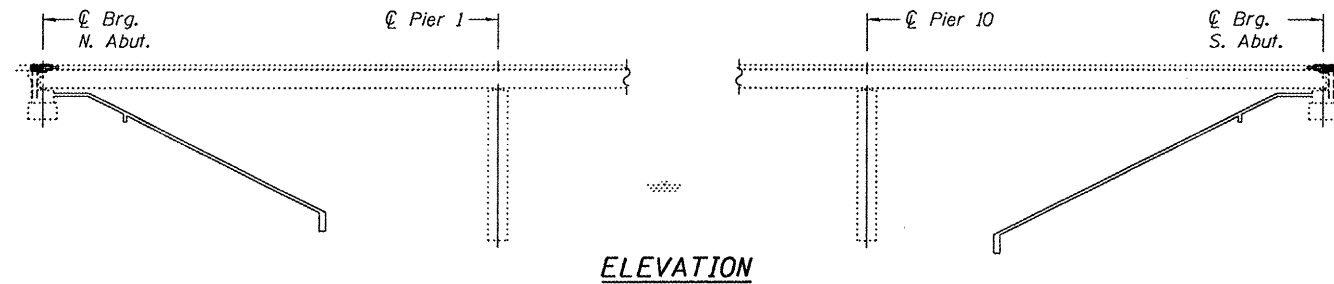
Insert Structure Plans Sheet 126

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
PLOT DATE = Apr-29-2010 07:47:55AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

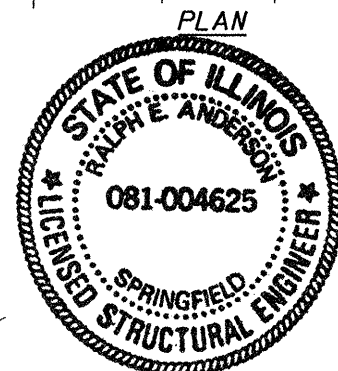
All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
Reinforcement bars designated (E) shall be epoxy coated.
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
Joint plates and attached bars shall be shop painted with the inorganic zinc rich primer. No field paint required.
Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.



TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	26.2
Concrete Superstructure	Cu. Yd.	26.4
Reinforcement Bars, Epoxy Coated	Pound	3,140
Bar Splicers	Each	48
Preformed Joint Strip Seal	Foot	189
* Protective Coat	Sq. Yd.	68.5
Structural Repair of Concrete >5"	Sq. Ft.	6.5
Deck Slab Repair (Partial)	Sq. Yd.	48
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	14
Approach Slab Repair (Partial)	Sq. Yd.	1

*On New Concrete Only



DESIGNED *Jim D. Jorg*
CHECKED *Adrian T. Holloway*
DRAWN *[Signature]*
CHECKED *I JL ATH*

May 7, 2010
EXAMINED *[Signature]*
PASSED *[Signature]*
ENGINEER OF STRUCTURAL SERVICES
ENGINEER OF BRIDGES AND STRUCTURES

Expires: November 30, 2010

**PLAN AND ELEVATION
FAI 55 OVER SANGAMON RIVER
SN 084-0018 and 0019**

SHEET NO. 1 5 SHEETS	F.A.I. RTE. 55	SECTION 84-2(RS-3)	COUNTY Sangamon	TOTAL SHEETS 156	SHEET NO. 127
	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72D43	

Insert Structure Plans Sheet 128

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
PLOT DATE = Apr-29-2010 07:47:59AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 129

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Apr-29-2010 07:48:02AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 130

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000 ' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
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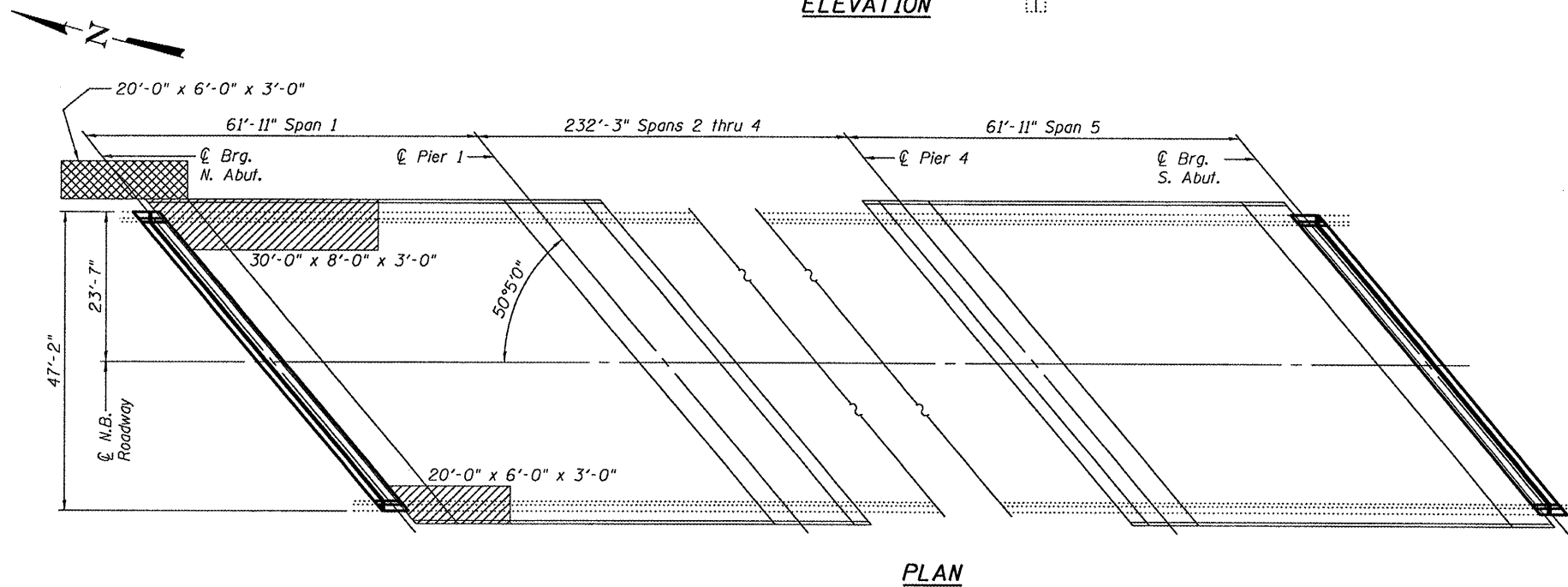
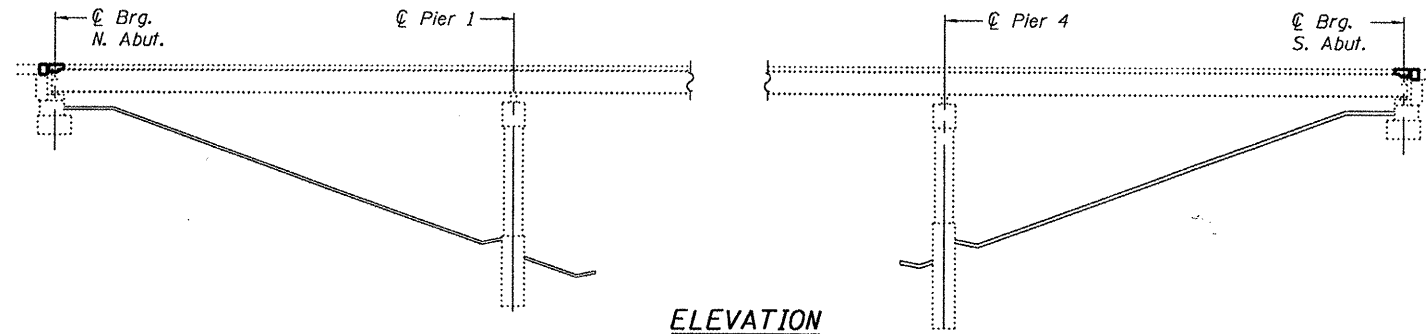
Insert Structure Plans Sheet 131

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\LAUGHLINRL\0176540\0672043-sht-blank_bridg-plans.dgn		DRAWN -	REVISED -		55	84-2(RS-3)	SANGAMON				
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
PLOT DATE = Apr-29-2010 07:48:06AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
Reinforcement bars designated (E) shall be epoxy coated.
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.
Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructures.



Slope Wall Slurry Pumping
 Stone Riprap Class A3

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	17.4
Concrete Superstructure	Cu. Yd.	18.0
Reinforcement Bars, Epoxy Coated	Pound	1,730
Preformed Joint Strip Seal	Foot	119
Bar Splicers	Each	24
Deck Slab Repair (Partial)	Sq. Yd.	34
Approach Slab Repair (Partial)	Sq. Yd.	11
Slope Wall Slurry Pumping	Cu. Yd.	40
Stone Riprap Class A3	Sq. Yd.	14
Protective Coat	Sq. Yd.	46.5
Filter Fabric	Sq. Yd.	14
Protective Shield	Sq. Yd.	36

*On New Concrete Only

**PLAN AND ELEVATION
FAI 55 OVER BUSINESS 55
AND UNION PACIFIC RR
SN 084-0020**



DESIGNED: *Eric J. Fox*
CHECKED: *Adrian J. Hallway*
DRAWN: *[Signature]*
CHECKED: *ISL ATH*

May 7, 2010
EXAMINED: *[Signature]*
PASSED: *[Signature]*
ENGINEER OF STRUCTURAL SERVICES
ENGINEER OF BRIDGES AND STRUCTURES

Expires: November 30, 2010

SHEET NO. 1 5 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	84-2(RS-3)	Sangamon	156	132
			CONTRACT NO. 72D43		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

Insert Structure Plans Sheet 133

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\LAUGHLINRL\0176540\0672043-sht-blank_bridg-plans.dgn		DRAWN -	REVISED -		55	84-2(RS-3)	SANGAMON				
PLOT SCALE = 100.0000 ' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
PLOT DATE = Apr-29-2010 07:48:10AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 134

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\LAUGHLINRL\0176540\0672043-sht-blank_bridg-plans.dgn		DRAWN -	REVISED -		55	84-2(RS-3)	SANGAMON				
PLOT SCALE = 100.0000 ' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
PLOT DATE = Apr-29-2010 07:48:12AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

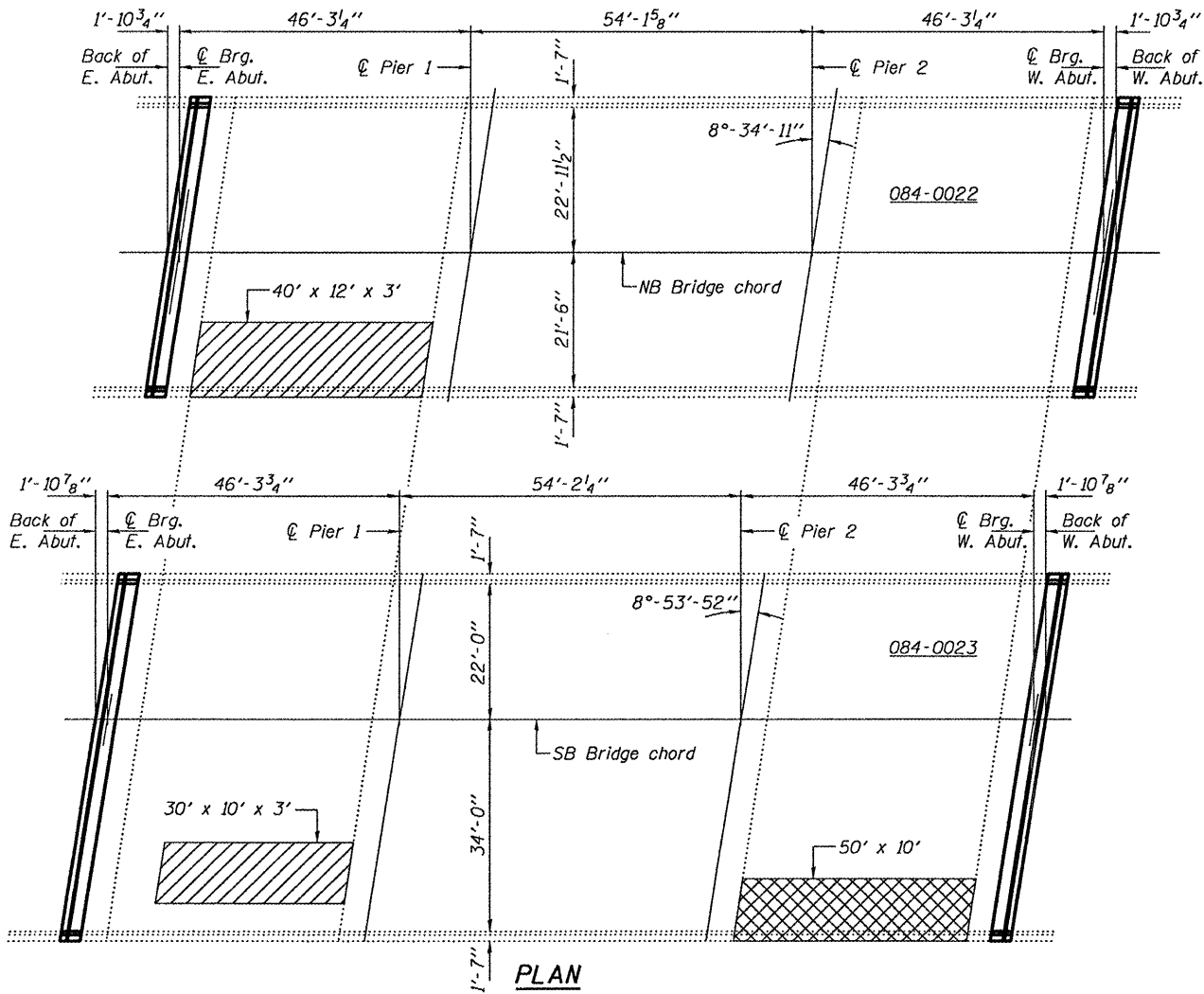
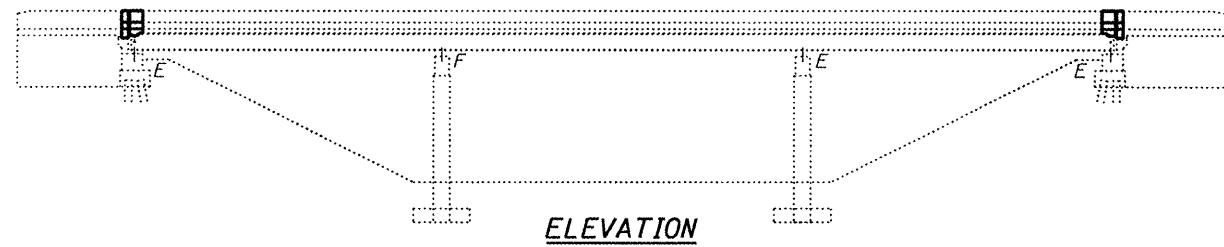
Insert Structure Plans Sheet 135

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\LAUGHLINRL\0176540\0672043-sht-blank_bridg-plans.dgn		DRAWN -	REVISED -		55	84-2(RS-3)	SANGAMON				
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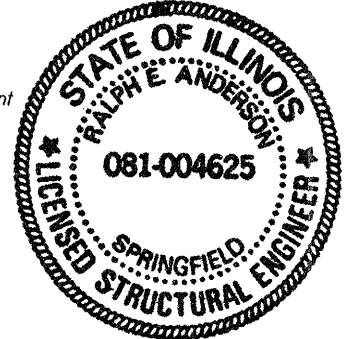
Insert Structure Plans Sheet 136

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	PLOT DATE = Apr-29-2010 07:48:16AM	CHECKED -	REVISED -															
		DATE -	REVISED -															CONTRACT NO. 72043
													ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



- Slopewall Slurry Pumping
- Slopewall Removal & Replacement



GENERAL NOTES

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

NOTES:
Slopewall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0 weighing 58 lbs. per 100 sq. ft. Cost included with Slopewall 6".
Existing and new welded wire fabric should overlap at least 6".
Any void should be filled with Porous Granular Embankment prior to placement of new slopewall. Cost included with Slopewall 6".

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	26.8
Concrete Superstructure	Cu. Yd.	27.0
Preformed Joint Strip Seal	Foot	217
Reinforcement Bars, Epoxy Coated	Pound	3840
Bar Splicers	Each	56
* Protective Coat	Sq. Yd.	75
Slopewall Slurry Pumping	Cu. Yd.	87.0
Slopewall Removal	Sq. Yd.	56.0
Slopewall 6"	Sq. Yd.	56.0
Approach Slab Repair (Partial Depth)	Sq. Yd.	2.0
Deck Slab Repair (Partial)	Sq. Yd.	40

* On new concrete only

**PLAN AND ELEVATION
FAI 55 OVER FANCY CREEK
SN 084-0022 & 0023**

DESIGNED *Jim J. Jones*
CHECKED *Adrian T. Holloway*
DRAWN *baliva*
CHECKED *I J L ATW*

EXAMINED *Carl King*
PASSED *Ralph E. Anderson*

MAY 7, 2010
ENGINEER OF STRUCTURAL SERVICES
ENGINEER OF BRIDGES AND STRUCTURES

EXPIRES 11-30-2010

SHEET NO. 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	84 2(RS-3)	SANGAMON	156	137
7 SHEETS	CONTRACT NO. 72D43				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

Insert Structure Plans Sheet 138

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
PLOT DATE = Apr-29-2010 07:48:20AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 139

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Insert Structure Plans Sheet 140

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 72043						
PLOT DATE = Apr-29-2010 07:48:24AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 141

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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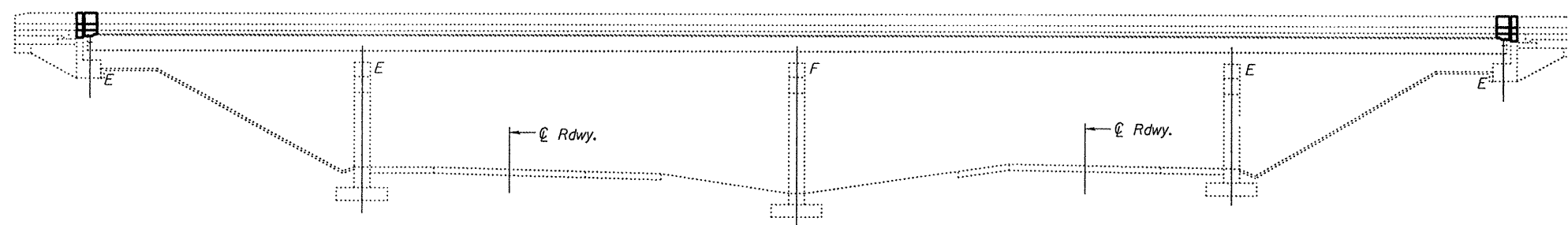
Insert Structure Plans Sheet 142

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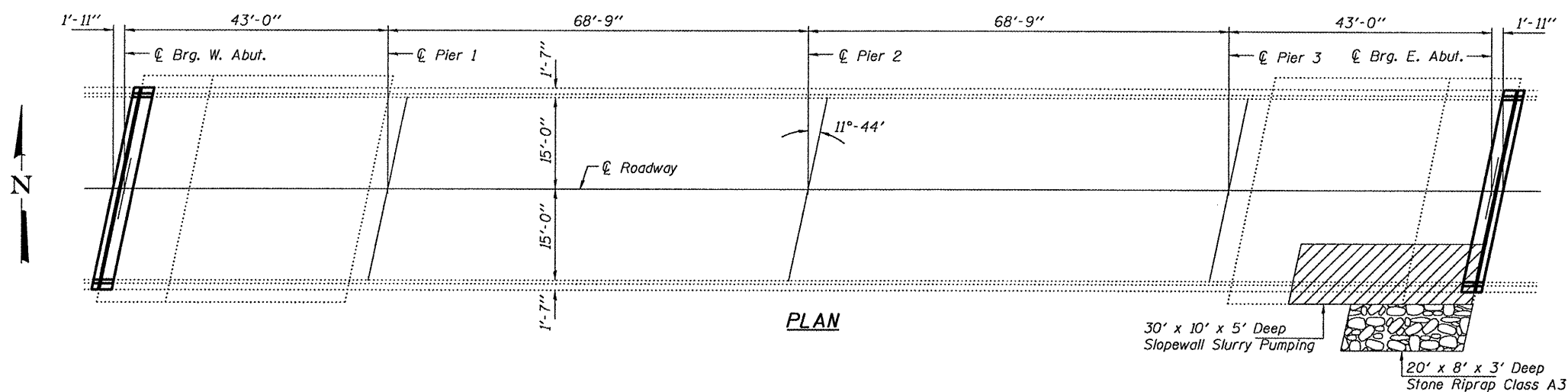
Insert Structure Plans Sheet 143

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Apr-29-2010 07:48:31AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION



PLAN

GENERAL NOTES

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

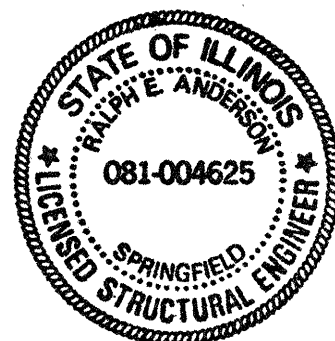
The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	9.4
Concrete Superstructure	Cu. Yd.	9.6
Preformed Joint Strip Seal	Foot	66
Reinforcement Bars, Epoxy Coated	Pound	1240
Bar Splicers	Each	24
* Protective Coat	Sq. Yd.	25.3
Slopewall Slurry Pumping	Cu. Yd.	56.0
Stone Riprap Class A3	Sq. Yd.	18.0
Filter Fabric	Sq. Yd.	18.0

* On new concrete only

**PLAN AND ELEVATION
CH 1 OVER FAI 55
SN 084-0088**



EXPIRES 11-30-2010

DESIGNED *[Signature]*
CHECKED *[Signature]*
DRAWN *[Signature]*
CHECKED *[Signature]*

MAY 7, 2010
EXAMINED *[Signature]*
PASSED *[Signature]*
ENGINEER OF BRIDGES AND STRUCTURES

SHEET NO. 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	84 2(RS-3)	SANGAMON	156	144
CONTRACT NO. 72D43					
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

Insert Structure Plans Sheet 145

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Insert Structure Plans Sheet 146

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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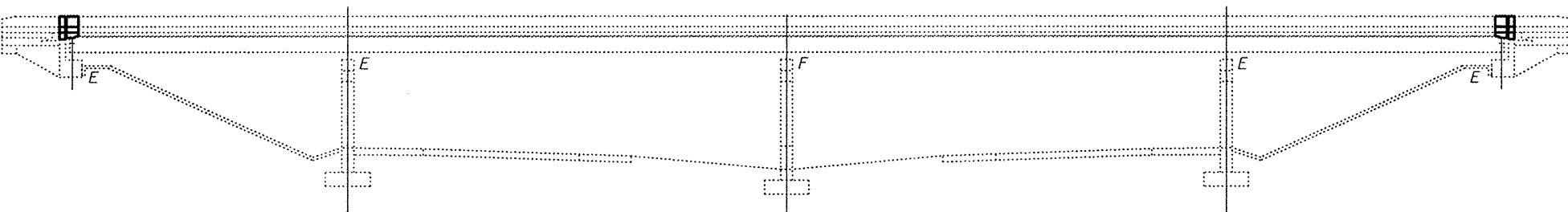
Insert Structure Plans Sheet 147

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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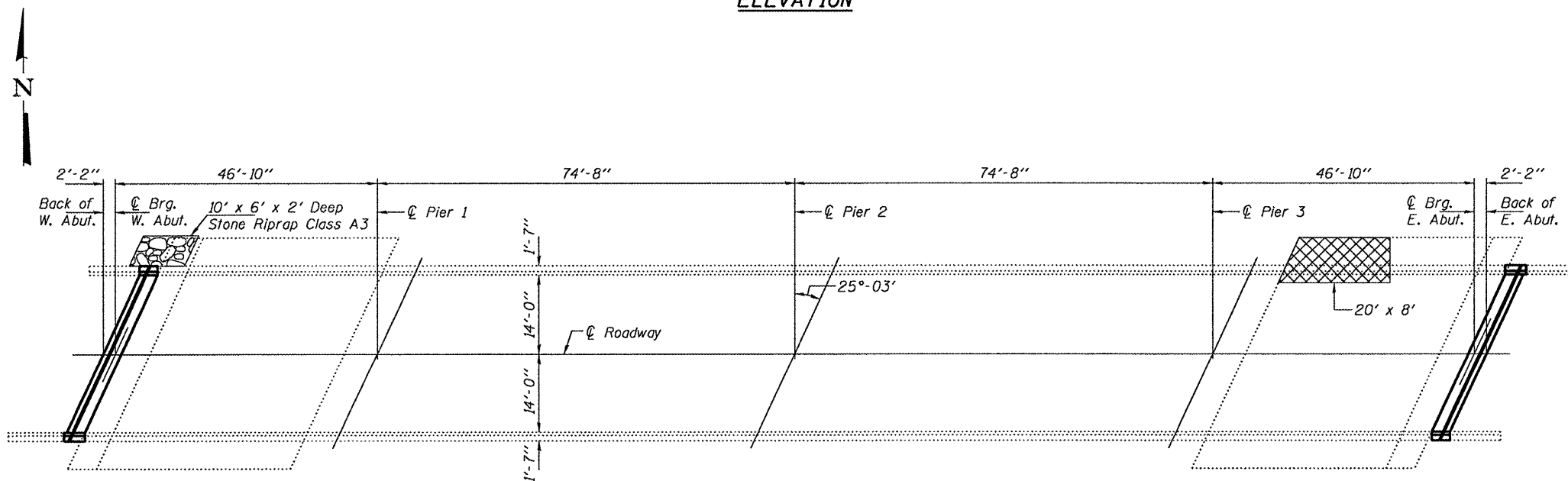
Insert Structure Plans Sheet 148

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:		SHEET NO. OF SHEETS STA. TO STA.		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Apr-29-2010 07:48:41AM	DATE -	REVISED -											

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION



PLAN

NOTES:

Slopewall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0 weighing 58 lbs. per 100 sq. ft. Cost included with Slopewall 4".
Existing and new welded wire fabric should overlap at least 6".
Any void should be filled with Porous Granular Embankment prior to placement of new slopewall. Cost included with Slopewall 4".

GENERAL NOTES

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.
Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
Reinforcement bars designated (E) shall be epoxy coated.
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

- Slopewall Removal & Replacement

TOTAL BILL OF MATERIAL

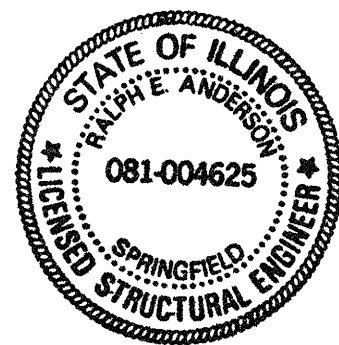
ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	9.0
Concrete Superstructure	Cu. Yd.	9.2
Preformed Joint Strip Seal	Foot	66
Reinforcement Bars, Epoxy Coated	Pound	1260
Bar Splicers	Each	24
Protective Coat	Sq. Yd.	52.0
Slopewall Removal	Sq. Yd.	18.0
Slopewall 4"	Sq. Yd.	18.0
Stone Riprap Class A3	Sq. Yd.	7.0
Filter Fabric	Sq. Yd.	7.0

* On new concrete only

PLAN AND ELEVATION
TR 33 OVER FAI 55
SN 084-0100

DESIGNED *Jim J. Foley*
CHECKED *Adriani-Halloway*
DRAWN *baliva*
CHECKED *IJL ATH*

MAY 7, 2010
EXAMINED *Ralph E. Anderson*
PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES



EXPIRES 11-30-2010

SHEET NO. 1	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5 SHEETS	55	84 2(RS-3)	SANGAMON	156	149
			CONTRACT NO. 72D43		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

Insert Structure Plans Sheet 150

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Apr-29-2010 07:48:45AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 151

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Apr-29-2010 07:48:55AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

Insert Structure Plans Sheet 152

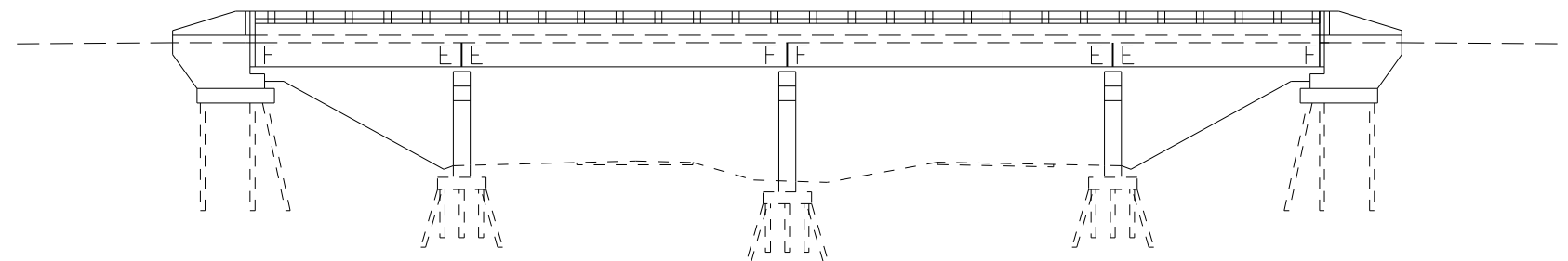
FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\LAUGHLINRL\0176540\0672043-sht-blank_bridg-plans.dgn		DRAWN -	REVISED -		55	84-2(RS-3)	SANGAMON				
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Insert Structure Plans Sheet 153

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Apr-29-2010 07:48:59AM		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

EXISTING STRUCTURE : SN 084-0101 IS A FOUR SPAN, PRE-CAST, PRE-STRESSED, CONCRETE MULTI-BEAM STRUCTURE WITH OPEN-STUB ABUTMENTS. HAS AN OVERALL LENGTH OF 171 FEET, MEASURED FROM BACK TO BACK OF ABUTMENTS, AND A MEASURED BRIDGE ROADWAY WIDTH OF 24 FEET. IT CARRIES BISSEL ROAD OVER FAI 55 AND IS LOCATED 0.1M NORTH OF SANGAMON AVENUE IN SANGAMON COUNTY.

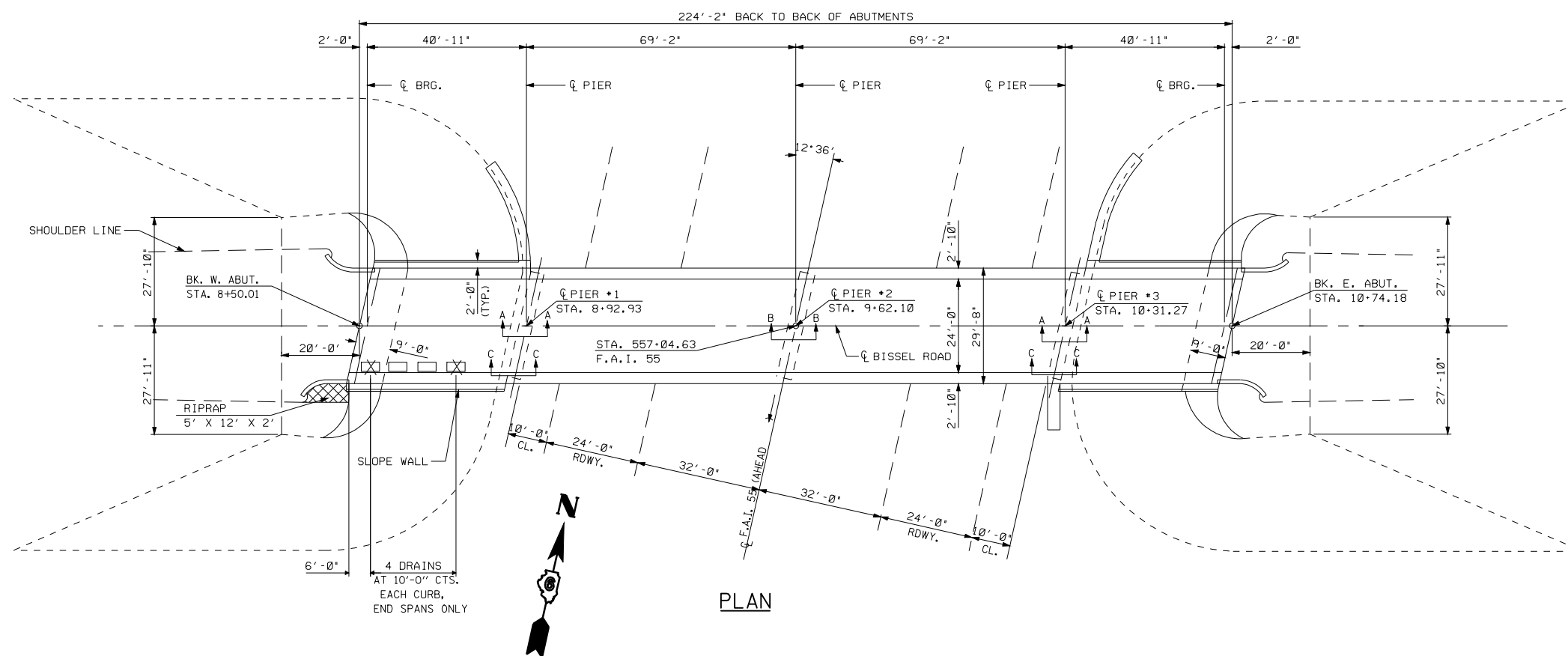
THIS IMPROVEMENT INCLUDES PLACING RIPRAP.



ELEVATION

BILL OF MATERIALS

PAY CODE	ITEM	UNITS	QUANTITY
28100205	STONE RIPRAP CLASS A3	TON	8

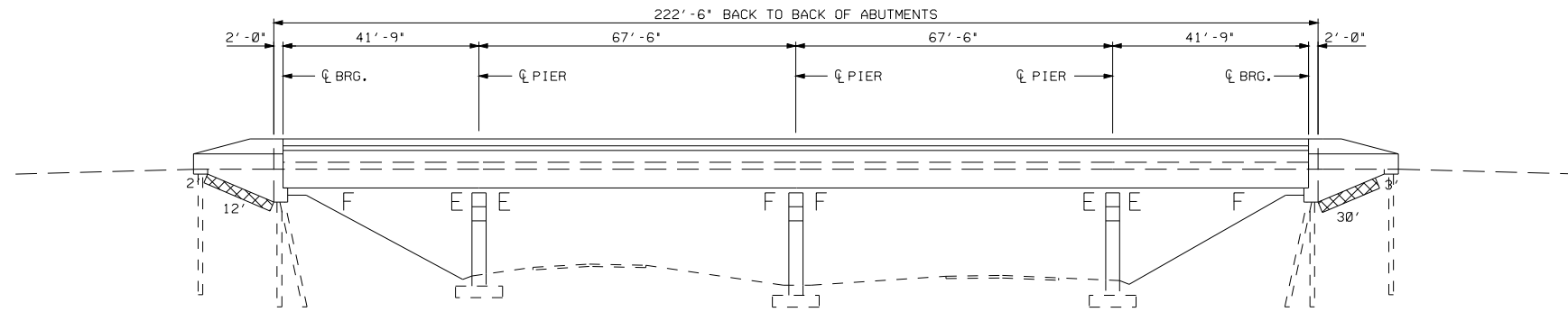


PLAN

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE DETAILS SN 084-0101			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Apr-29-2010 07:49:01AM	DATE -	CHECKED -	REVISED -		CONTRACT NO. 72D43							
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

EXISTING STRUCTURE : SN 084-0102 IS A FOUR SPAN, PRE-CAST, PRE-STRESSED, CONCRETE MULTI-BEAM STRUCTURE WITH OPEN-STUB ABUTMENTS. HAS AN OVERALL LENGTH OF 222.5 FEET, MEASURED FROM BACK TO BACK OF ABUTMENTS, AND A MEASURED BRIDGE ROADWAY WIDTH OF 24.2 FEET. IT CARRIES RIDGELY ROAD OVER FAI 55 AND IS LOCATED 0.4 MILE SOUTH OF THE SANGAMON AVENUE INTERCHANGE IN SANGAMON COUNTY.

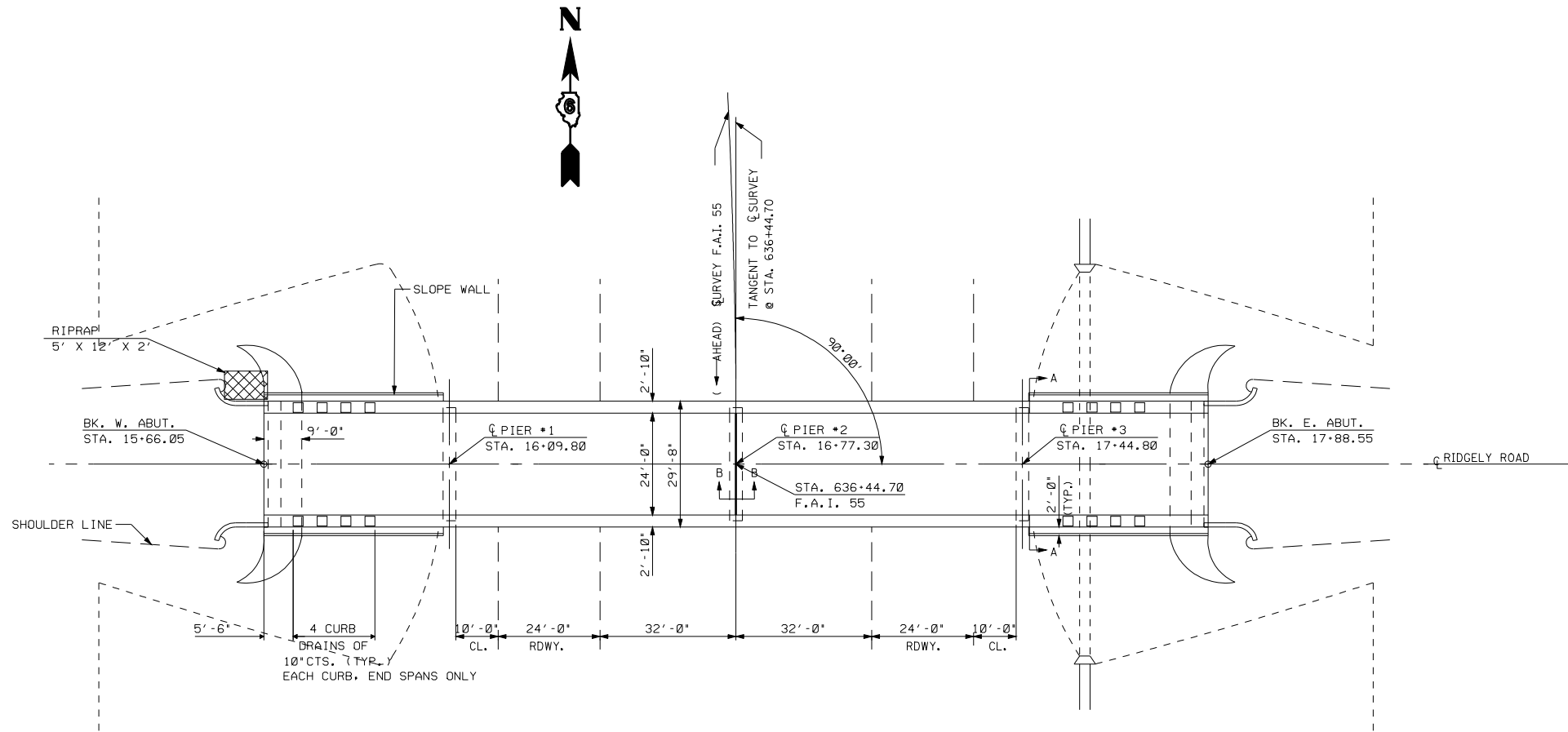
THIS IMPROVEMENT INCLUDES PLACING CONTROLLED LOW STRENGTH MATERIAL AND RIPRAP.



ELEVATION

BILL OF MATERIALS

PAY CODE	ITEM	UNITS	QUANTITY
59300100	CONTROLLED LOW STRENGTH MATERIAL	CU YD	40
28100205	STONE RIPRAP CLASS A3	TON	8

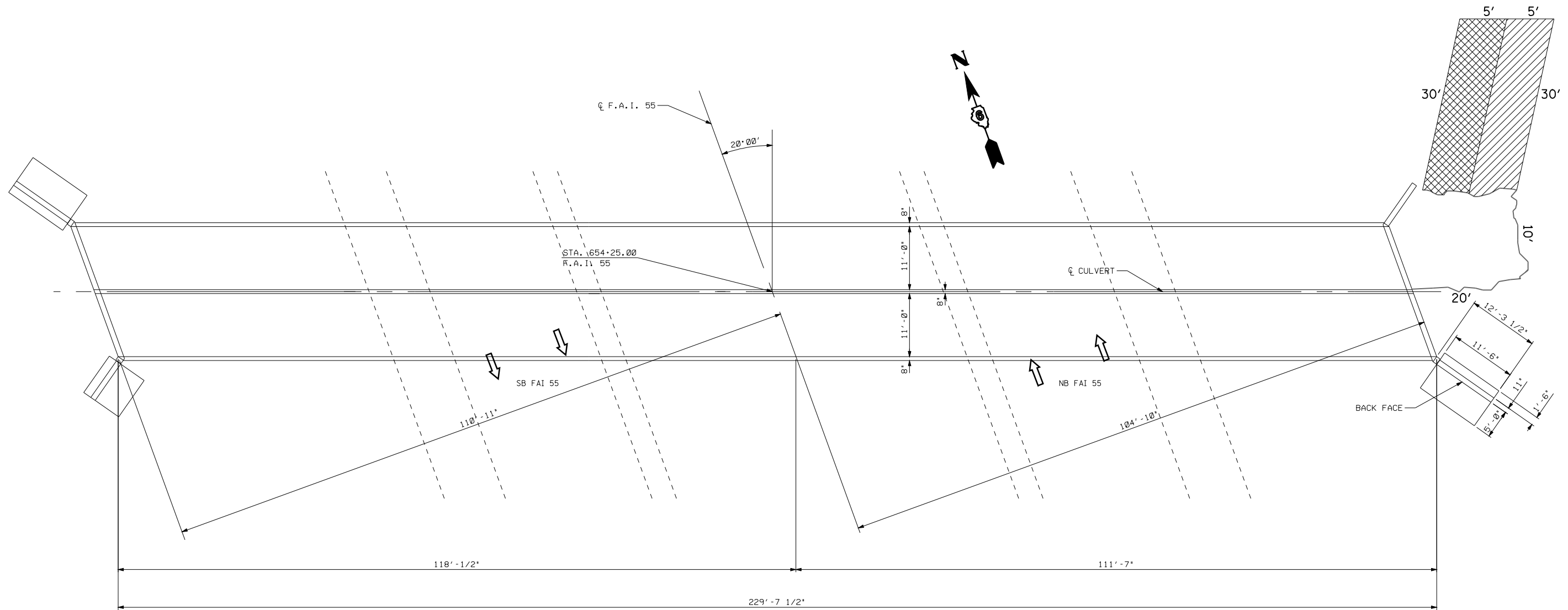
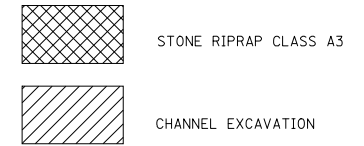


PLAN

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE DETAILS SN 084-0102	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PWIDOT\LAUGHLINRL\0176540\0672043-sht-brdgdetail.dgn	DRAWN -	REVISED -	55			84-2(RS-3)	SANGAMON	156	155	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72D43							
PLOT DATE = Apr-29-2010 07:49:03AM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE:						SHEET NO.	OF SHEETS	STA.	TO STA.	

EXISTING STRUCTURE : SN 084-2000 IS A DOUBLE BARREL 11' x 6' CONCRETE BOX CULVERT STRUCTURE. HAS AN OVERALL LENGTH OF 25'-5" MEASURED ALONG ROADWAY AND TOTAL WIDTH OF 229'-7 1/2". IT CARRIES FAI 55 OVER HOOVER BRANCH AND IS LOCATED 0.5M SOUTH OF THE I-55/IL 54 INTERCHANGE IN SANGAMON COUNTY.

THIS IMPROVEMENT INCLUDES CHANNEL EXCAVATION AND RIPRAP.



PLAN

BILL OF MATERIALS

PAY CODE	ITEM	UNITS	QUANTITY
20300100	CHANNEL EXCAVATION	CU YD	82
28100205	STONE RIPRAP CLASS A3	TON	30

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
et:\pw\work\PWIDOT\LAUGHLINRL\0176540\0672043-sht-brdgdetail.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Apr-29-2010 07:49:05AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE DETAILS
SN 084-2000

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	84-2(RS-3)	SANGAMON	156	156
CONTRACT NO. 72D43				
ILLINOIS FED. AID PROJECT				