

INDEX OF SHEETS AND STANDARDS

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△ REVISED SHEET 10/28/09

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\PWIDOT\CUSHMANBW\d0149192\d0149192-sht-schedule.dgn		DRAWN -	REVISED -			80	(81-1B) M-4	ROCK ISLAND	75	2
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64F31				
PLOT DATE = Tue Oct 20 16:46:18 2009		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:						SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES

PAY CODE #	LONG DESCRIPTION	UNITS	QUANTITIES	100% STATE	
				ROADWAY J000	BRIDGE SFTY-2A
25100630	EROSION CONTROL BLANKET	SQ YD	45.00	45.00	
28000400	PERIMETER EROSION BARRIER	FOOT	150.00	150.00	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	374.00	374.00	
48203005	HOT-MIX ASPHALT SHOULDERS, 2"	SQ YD	374.00	374.00	
50102400	CONCRETE REMOVAL	CU YD	427.20		427.20
50104650	SLOPE WALL REMOVAL	SQ YD	11.70		11.70
50157300	PROTECTIVE SHIELD	SQ YD	6,123.00		6,123.00
50300255	CONCRETE SUPERSTRUCTURE	CU YD	611.60		611.60
50300260	BRIDGE DECK GROOVING	SQ YD	1,479.00		1,479.00
50300300	PROTECTIVE COAT	SQ YD	2,224.00		2,224.00
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1.00		1.00
50500505	STUD SHEAR CONNECTORS	EACH	4,312.00		4,312.00
50501110	STRUCTURAL STEEL REMOVAL	POUND	155,620.00		155,620.00
50501130	STRUCTURAL STEEL REPAIR	POUND	211,520.00		211,520.00
50606701	CLEANING AND PAINTING STRUCTURAL STEEL, LOCATION 1	L SUM	1.00		1.00
50800105	REINFORCEMENT BARS	POUND	7,106.00	7,106.00	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	167,320.00		167,320.00
51100100	SLOPE WALL 4 INCH	SQ YD	11.70		11.70
52000110	PREFORMED JOINT STRIP SEAL	FOOT	1,636.00		1,636.00
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	100.00		100.00
59200100	BRIDGE WASHING	EACH	1.00		1.00
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	1,398.00	1,398.00	
63700805	CONCRETE BARRIER TRANSITION	FOOT	20.00	20.00	
63801205	TEMPORARY MODULAR GLARE SCREEN	FOOT	1,355.00	1,355.00	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	16.00		16.00
67100100	MOBILIZATION	L SUM	1.00		1.00
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	3.00	3.00	
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2.00	2.00	
70100410	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416	EACH	1.00	1.00	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1.00	1.00	
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1.00	1.00	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	172.00	172.00	

• SPECIALITY ITEMS

▲ REVISED 10/28/09

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd:\pwork\FW\DOT\CUSHMANBW\d0149192\09409-shr-schedule.dgn		DRAWN -	REVISED -			80	(81-1B) M-4	ROCK ISLAND	75	3	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64F31					
PLOT DATE = Thu Sep 17 13:13:51 2009		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

PAY CODE #	LONG DESCRIPTION	UNITS	QUANTITIES	100% STATE	
				ROADWAY J000	BRIDGE SFTY-2A
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	41,420.00	41,420.00	
70300635	TEMPORARY PAINT PAVEMENT MARKING LINE 6"	FOOT	96.00	96.00	
70300645	TEMPORARY PAINT PAVEMENT MARKING LINE 12"	FOOT	492.00	492.00	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	14,347.00	14,347.00	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	18,829.00		18,829.00
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	730.00		730.00
70400600	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	FOOT	1,181.00	1,181.00	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	20,272.00	20,272.00	
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	4,094.00	4,094.00	
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	4,079.00	4,079.00	
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	1,333.00	1,333.00	
* 78008310	POLYUREA PAVEMENT MARKING TYPE II - LINE 4"	FOOT	13,932.00	13,932.00	
* 78008330	POLYUREA PAVEMENT MARKING TYPE II - LINE 6"	FOOT	1,742.00	1,742.00	
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	86.00	86.00	
* 78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	339.00	339.00	
* 78200200	BIDIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	222.00	222.00	
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	7,000.00	7,000.00	
Z0021400	EXPANSION JOINT (SPECIAL)	FOOT	233.00		233.00
* Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3.00	3.00	
Z0031300	JACKING AND CRIBBING	L SUM	1.00		1.00
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.00		1.00
Z0073500	TEMPORARY SUPPORT SYSTEM	L SUM	1.00		1.00
XX002866	CONCRETE BARRIER WALL (SPECIAL)	CU YD	84.00	84.00	
XY004656	EMBANKMENT	CU YD	6.30		6.30
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	2,681.00	2,681.00	
X0321781	MECHANICAL SPLICE	EACH	10,228.00		10,228.00
* X0323644	PAVEMENT MARKING GROOVING	FOOT	1,742.00	1,742.00	
* X0325194	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3, SPECIAL	EACH	1.00	1.00	
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	11.60	11.60	
X0325939	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3, SPECIAL	EACH	1.00	1.00	
X0326105	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1.00	1.00	
X0326720	MECHANICAL TREATMENT OF WELDS	EACH	828.00		828.00
X0326721	FIELD WELDING OF STIFFENERS	EACH	828.00		828.00
X0326719	FALCON PROTECTION	EACH	19.00		19.00

* SPECIALITY ITEMS

△ REVISED 10/28/09

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\PWIDOT\CUSH-MANBW\d0149192\d0149192-9409-sht-schedule.dgn	9409-sht-schedule.dgn	DRAWN -	REVISED -			80	(81-1B) M-4	ROCK ISLAND	75	4	
PLOT SCALE = 50.0000" / IN.		CHECKED -	REVISED -			CONTRACT NO. 64F31					
PLOT DATE = Thu Sep 17 13:14:03 2009		DATE	REVISED -			ILLINOIS FED. AID PROJECT					

GENERAL NOTES

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches. This work will be included in the contract unit price per Square Yard for SLOPE WALL 4".

Fertilizer shall be applied to all disturbed areas and incorporated into the seedbed prior to seeding or placement of sod at the rate specified in Sections 250 and 252 of the Standard Specifications. This work shall be included in the cost of SLOPE WALL 4".

Mulch Method II shall be applied over all seeded areas. This shall be included in the cost of the SLOPE WALL 4".

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Shoulder
PG:	PG 58-22
Design Air Voids	3 @ N90
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5
Friction Aggregate	D
20 Year ESAL	N/A
Mix Unit Weight	112 lbs/sy/in

Bituminous and Aggregate prime coat shall be placed in accordance with Section 406 of the Standard Specifications. The cost of the prime coats shall be included in the contract unit price per Square Yard for HOT-MIX ASPHALT SHOULDERS, 2".

This structure will retain the same number 081-0011.

At bridge expansion joints, if temporary expansion joint bulkheads are attached to adjacent deck slabs or abutments for support, the Contractor shall cut the attachments as soon as the concrete has set to prevent joint damage due to horizontal contraction or expansion.

The Contractor shall sandblast the top of the beams upon removal of the bridge deck. This work will be included in the cost of removing the bridge deck.

Work on this project will be in progress at the same time as work on the adjacent I-80 roadway reconstruction project and I-74 bridge and pavement repairs. Work on these projects shall be scheduled to keep interference between all the projects to a minimum. The contractors shall inform each other of progress of the projects and give fair warning to the other contractors when a problem might be encountered.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

AT&T Communications
Frontier/Citizens
Mediacom
Lightcore
Rapids City Village Office

MidAmerican Energy Co.
McLeod USA
City of East Moline
Iowa Network Services, Inc.

Following are the known utilities located within the project limits or immediately adjacent to the project construction limits which are not members of JULIE and should be notified individually by the contractor:

Mr. Kyle Lorenz
IDOT - District 2
819 Depot Avenue
Dixon, IL 61021
Ph. 815/284-5469

Iowa Network Services, Inc.
Ph. 515/830-0440 or
One Call 800/892-0123

The Contractor shall not use the Iowa Ramp Infields for any project activity.

The Contractor shall not use the IL 84 Ramp Infields for any project activities without prior written approval by the District Construction Engineer.

The Contractor shall replace the median crossover (Sta. 82+50) closure components (posts, cable, panels) to that shown in the District Two Standard 97.4, TYPICAL MEDIAN CROSSOVER CLOSURE (with EMERGENCY OPENING). This work shall be included in the various traffic control pay items and no additional compensation will be allowed.

Partial depth saw cuts on face of barrier wall(s) shall be 1 inch in depth. This work shall be included in the various barrier wall pay items.

Temporary Concrete Barrier Wall shall not be pinned to new continuously reinforced concrete pavement without prior written approval of the Engineer.

Temporary Impact Attenuators shall not be anchored to the new continuously reinforced concrete pavement without prior written approval of the Engineer.

Nighttime work zone lighting for the flagger (Stage II, Contractor access point) on Illinois Route 84 shall not be paid for separately, but shall be included in Traffic Control and Protection Standard 701541.

Relocation of temporary concrete barrier wall with attached temporary modular glare screen shall include the cost of any relocation and adjustment of modular glare screen.

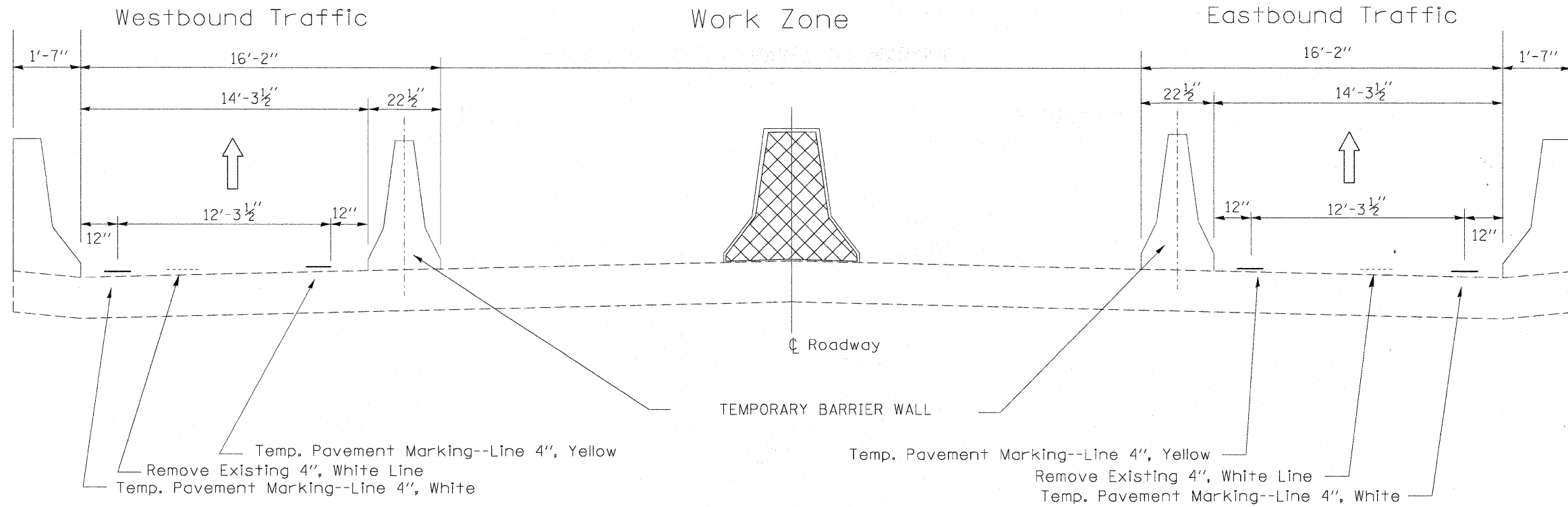
Temporary concrete barrier wall placed over moving bridge joints (example: finger joint), shall be set-up to allow for movement across the joint(s) and be compliant with NCHRP-350. This work shall be included in the cost of TEMPORARY CONCRETE BARRIER and no additional compensation will be allowed.

△ REVISED SHEET 10/28/09

FILE NAME = 64F31.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		FAI 80	(81-1B)M-4	Rock Island	75	5				
	PLOT SCALE =	CHECKED -	REVISED -		(I-80)	CONTRACT NO. 64F31							
	PLOT DATE = 10/21/2009 11:32 AM	DATE - 9/8/2009 9:19 AM	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

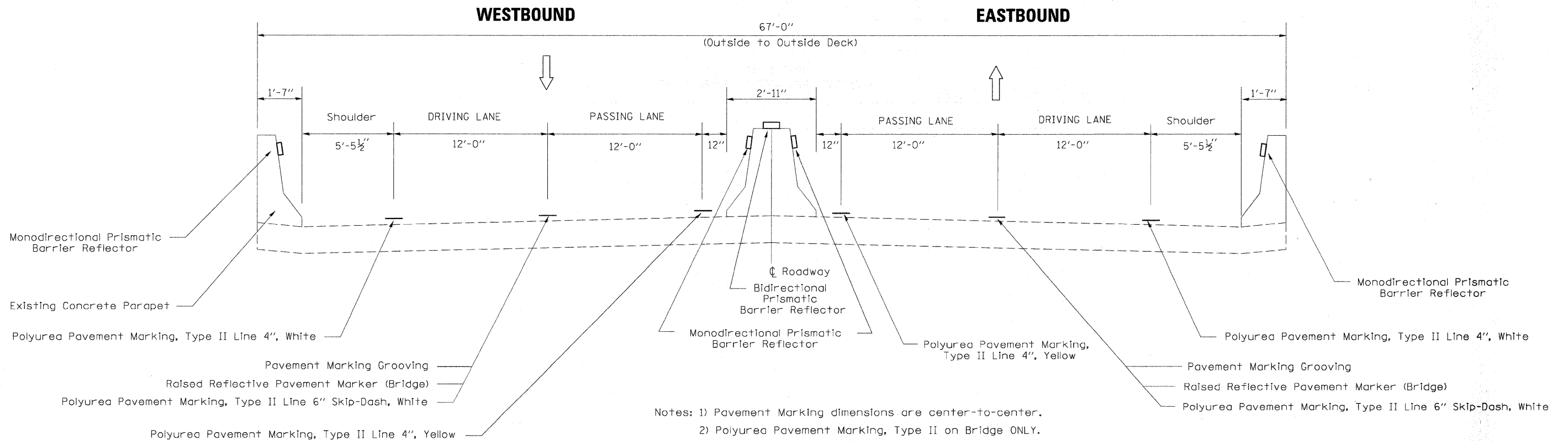
STAGE III - BRIDGE SECTION TYPICAL

(Looking from Iowa to Illinois)



PERMANENT BRIDGE PAVEMENT MARKINGS

(Looking from Iowa to Illinois)



REVISÉD SHEET 10128109

FILE NAME =	USER NAME = cushmanbw	DESIGNED - EEC	REVISED -
o:\pwork\PWIDOT\CUSHMANBW\d0149192\New.dwg	vs_d0149192.dgn	DRAWN - EEC	REVISED -
PLOT SCALE = 100.0000" / IN.	CHECKED -	REVISÉD -	REVISED -
PLOT DATE = Wed Oct 21 11:55:43 2009	DATE -	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING TYPICAL

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1 B) M-4	ROCK ISLAND	75	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64F31	

SCHEDULE OF QUANTITIES

25100630	EROSION CONTROL BLANKET								
	SQ_YD	LOCATION							
	45.00	16 + 69	to	17 + 20	SLOPE WALL - STATE OF IOWA				
	45.00	TOTAL							
28000400	PERIMETER EROSION BARRIER								
	EQOI	LOCATION							
	150.00	16 + 69	to	17 + 20	SLOPE WALL - STATE OF IOWA				
	150.00	TOTAL							
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"								
	SQ_YD	LOCATION							REMARKS
	373.33	1492 + 00	to	1497 + 60	6' wide, see special provision				
	373.33	TOTAL							
48203005	HOT-MIX ASPHALT SHOULDERS, 2"								
	SQ_YD	LOCATION							REMARKS
	373.33	1492 + 00	to	1497 + 60	SEE GENERAL NOTES FOR MIX DESIGN				
	373.33	TOTAL							
50800105	REINFORCEMENT BARS								
	POUNDS	LOCATION							REMARKS
	7106.00	1492 + 00		1497 + 60	State of IOWA barrier wall				
	7,106.00	TOTAL							
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT								
	FOOT	LOCATION							REMARKS
		STAGE THREE							
	1397.50	51 + 72		65 + 69.50					
	1,397.50	TOTAL							
63700805	CONCRETE BARRIER TRANSITION								
	FOOT	LOCATION							REMARKS
		STAGE THREE							
	20.00	51 + 52		51 + 72.00					
	20.00	TOTAL							
63801205	TEMPORARY MODULAR GLARE SCREEN								
	FOOT	LOCATION							REMARKS
		STAGE TWO							
	600.00	51 + 50		57 + 50.00					
	755.00	78 + 00		85 + 00					
	1355.0	TOTAL							
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"								
	EQOI	LOCATION							REMARKS
		EASTBOUND							
	2225.00	1453 + 00	to	1475 + 25	Stage I - Yellow Inside				
	1025.00	75 + 25	to	85 + 50	Stage I - White CL				
	770.00	77 + 80	to	85 + 50	Stage I - White outside				
	770.00	77 + 80	to	85 + 50	Stage I - Yellow Inside				
	1320.00	77 + 80	to	91 + 00	Stage I - Yellow, Scenic overlook ramp				
	1440.00	1483 + 00	to	1497 + 40	Stage II - Yellow Inside				
	601.00	55 + 39	to	61 + 40	Stage II - White outside				
	1026.00	75 + 24	to	85 + 50	Stage II - White CL				
	770.00	77 + 80	to	85 + 50	Stage II - White outside				
	770.00	77 + 80	to	85 + 50	Stage II - Yellow Inside				
	1320.00	77 + 80	to	91 + 00	Stage II - Yellow, Scenic overlook ramp				
	7311.00	1483 + 00	to	75 + 00	Stage III - Yellow Inside				
	19348.00	Sub-Totd							
		WESTBOUND							
	2872.00	1497 + 00	to	44 + 61	Stage I - White outside				
	3538.00	47 + 62	to	83 + 00	Stage I - Yellow Inside				
	1618.00	77 + 82	to	94 + 00	Stage I - White outside				
	1425.00	61 + 65	to	75 + 90	Stage II - White outside				
	2135.00	61 + 65	to	83 + 00	Stage II - Yellow Inside				
	1618.00	77 + 82	to	94 + 00	Stage II - White outside				
	6891.00	1491 + 20	to	79 + 00	Stage III - Yellow Inside				
	20097.00	Sub-Totd							
		MISC							
	600.00	US 67 Eastbound			Stage I - Yellow				
	300.00	US 67 Westbound			Stage I - White				
	550.00	IL 84 Eastbound			Stage II - White				
	525.00	IL 84 Westbound			Stage II - Yellow				
	1975.00	Sub-Totd							
	41,420.0	TOTAL							

70300635	TEMPORARY PAINT PAVEMENT MARKING LINE 6"								
	EQOI	LOCATION							REMARKS
		EASTBOUND							
	96.50	51 + 53	to	55 + 39	Stage II - Turkey tracks, 2' long, 6' between - White				
	96.50	TOTAL							

70300645	TEMPORARY PAINT PAVEMENT MARKING LINE 12"								
	EQOI	LOCATION							REMARKS
		WESTBOUND							
	163.93	63 + 50	to	73 + 20	Stage I - Diagonals, 16.9' long, 100' between - White				
	163.93	63 + 50	to	73 + 20	Stage II - Diagonals, 16.9' long, 100' between - White				
	163.93	63 + 50	to	73 + 20	Stage III - Diagonals, 16.9' long, 100' between - White				
	491.79	TOTAL							

70400100	TEMPORARY CONCRETE BARRIER								
	EQOI	LOCATION							REMARKS
		STAGE THREE							
	5,959.5	1487 + 07		68 + 50	EASTBOUND				
	6,447.0	1491 + 50		72 + 00	WESTBOUND				
	12,406.5	Sub-Totd							
		STAGE TWO							
	200.0	1496 + 05		1497 + 80	IN STATE OF IOWA				
	4,962.5	1491 + 88		73 + 00					
	1,260.0	73 + 00		85 + 00					
	6,422.5	Sub-Totd							
	18,829.0	TOTAL							

70400200	RELOCATE TEMPORARY CONCRETE BARRIER								
	EQOI	LOCATION							REMARKS
		STAGE TWO							
	400.0	1486 + 20		1490 + 20					
	330.0			68 + 50					
	730.0	TOTAL							

X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED								
	EQOI	LOCATION							REMARKS
		STAGE ONE							
	75.0				ON BRIDGE				
	62.5				ON BRIDGE				
		STAGE THREE							
	593.0	1491 + 88		1497 + 80					
	1,950.0	47 + 50		73 + 00					
	2,680.5	TOTAL							

78008210	POLYUREA PAVEMENT MARKING TYPE I • LINE 4"								
	EQOI	LOCATION							REMARKS
		EASTBOUND							
	5780.00	1440 + 00	to	1497 + 80	Left edge line - Yellow				
	2505.00	1440 + 00	to	1465 + 05	Right edge line - White				
	1731.00	1474 + 00	to	1491 + 31	Right edge line - White				
	1467.00	51 + 53	to	66 + 20	Left edge line - Yellow				
	821.00	57 + 99	to	66 + 20	Right edge line - White				
	1930.00	66 + 20	to	85 + 50	Left edge line - Yellow				
	163.00	66 + 20	to	67 + 83	Right edge line - White				
	14397.00	Sub-Totd							
		WESTBOUND							
	780.00	1490 + 00	to	1497 + 80	Left edge line - Yellow				
	182.00	1490 + 00	to	1491 + 82	Right edge line - White				
	1467.00	51 + 53	to	66 + 20	Left edge line - Yellow				
	368.00	62 + 52	to	66 + 20	Right edge line - White				
	1930.00	66 + 20	to	85 + 50	Left edge line - Yellow				
	697.00	66 + 20	to	73 + 17	Right edge line - White				
	451.00	80 + 99	to	85 + 50	Right edge line - White				
	5875.00	Sub-Totd							
	20,272.0	TOTAL							

REVISED SHEET 10/28/09

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -
o:\pwork\p\WIDOT\CUSHMANBW\d0149192\d0149192-sht-schedule.dgn		DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Tue Oct 20 16:46:34 2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1B) M-4	ROCK ISLAND	75	9
CONTRACT NO. 64F31				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

78008230 POLYUREA PAVEMENT MARKING TYPE I • LINE 6"

EQQT	LOCATION		REMARKS
	EASTBOUND		
1445.00	1440 + 00	to 1497 + 80	CL skip dash - White
72.25	1465 + 05	to 1467 + 94	Right edge line skip dash - White
366.75	51 + 53	to 66 + 20	CL skip dash - White
482.50	66 + 20	to 85 + 50	CL skip dash - White
352.00	71 + 42	to 85 + 50	Right edge line skip dash - White
2718.50	Sub-Totd		
	WESTBOUND		
195.00	1490 + 00	to 1497 + 80	CL skip dash - White
124.50	1492 + 82	to 1497 + 80	Right edge line skip dash - White
206.25	51 + 30	to 59 + 55	Right edge line skip dash - White
366.75	51 + 53	to 66 + 20	CL skip dash - White
482.50	66 + 20	to 85 + 50	CL skip dash - White
1375.00	Sub-Totd		
4,093.5	TOTAL		

78008240 POLYUREA PAVEMENT MARKING TYPE I • LINE 8"

EQQT	LOCATION		REMARKS
	EASTBOUND		
606.00	1467 + 94	to 1474 + 00	Exit ramp left edge line - White
606.00	1467 + 94	to 1474 + 00	Exit ramp left edge line - White
100.00	1490 + 31	to 1491 + 31	Entrance ramp left edge line - White
25.00	1491 + 31	to 1492 + 31	Entrance ramp left edge line skip dash - White
363.00	54 + 36	to 57 + 99	Exit ramp left edge line - White
363.00	54 + 36	to 57 + 99	Exit ramp left edge line - White
359.00	67 + 83	to 71 + 42	Entrance ramp left edge line - White
359.00	67 + 83	to 71 + 42	Entrance ramp left edge line - White
2781.00	Sub-Totd		
	WESTBOUND		
200.00	1490 + 82	to 1492 + 82	Exit ramp left edge line - White
200.00	1490 + 82	to 1492 + 82	Exit ramp left edge line - White
74.25	59 + 55	to 62 + 52	Entrance ramp left edge line skip dash - White
95.00	62 + 52	to 63 + 47	Entrance ramp left edge line - White
364.00	73 + 17	to 76 + 81	Exit ramp left edge line - White
364.00	73 + 17	to 76 + 81	Exit ramp left edge line - White
1297.25	Sub-Totd		
4,078.3	TOTAL		

78008250 POLYUREA PAVEMENT MARKING TYPE I • LINE 12"

EQQT	LOCATION		REMARKS
	EASTBOUND		
100.00	55 + 39	to 57 + 99	Exit ramp diagonals - White
174.75	57 + 99	to 68 + 33	Outside shoulder diagonals - every 100', 16.9' long
334.45	66 + 21	to 86 + 00	Outside shoulder diagonals - every 100', 16.9' long
609.20	Sub-Totd		
	WESTBOUND		
334.45	66 + 21	to 86 + 00	Outside shoulder diagonals - every 100', 16.9' long
163.93	63 + 47	to 73 + 17	Outside shoulder diagonals - every 100', 16.9' long
225.00	73 + 17	to 76 + 81	Exit ramp diagonals - White
723.38	Sub-Totd		
1,332.6	TOTAL		

78008310 POLYUREA PAVEMENT MARKING TYPE II • LINE 4"

EQQT	LOCATION		REMARKS
	EASTBOUND		
3483.00	16 + 70	to 51 + 53	Bridge - Left edge line - Yellow
3483.00	16 + 70	to 51 + 53	Bridge - Right edge line - White
6966.00	Sub-Totd		
	WESTBOUND		
3483.00	16 + 70	to 51 + 53	Bridge - Left edge line - Yellow
3483.00	16 + 70	to 51 + 53	Bridge - Right edge line - White
6966.00	Sub-Totd		
13,932.0	TOTAL		

78008330 POLYUREA PAVEMENT MARKING TYPE II • LINE 6"

EQQT	LOCATION		REMARKS
	EASTBOUND		
870.75	16 + 70	to 51 + 53	Bridge - CL skip dash - White
	WESTBOUND		
870.75	16 + 70	to 51 + 53	Bridge - CL skip dash - White
1,741.5	TOTAL		

EACH	LOCATION		REMARKS
43.0	16 + 69	51 + 52	80' SPACING, EASTBOUND
43.0	16 + 69	51 + 52	80' SPACING, WESTBOUND
86.0	TOTAL		

EACH	LOCATION		REMARKS
140.0	16 + 69	51 + 52	50' SPACINGS ON PARAPET WALLS
140.0	16 + 69	51 + 52	50' SPACINGS ON MEDIAN BARRIER WALL
59.0	51 + 52	66 + 20	50' SPACINGS ON MEDIAN BARRIER WALL
339.00	TOTAL		

EACH	LOCATION		REMARKS
140.0	16 + 69	51 + 52	50' SPACINGS ON CENTER BARRIER WALL
59.0	51 + 52	66 + 20	50' SPACINGS ON MEDIAN BARRIER WALL
23.0	1492 + 00	1497 + 60	50' SPACING ON State of IOWA barrier wall
222.00	TOTAL		

EACH	LOCATION		REMARKS
1.00	STAGE ONE 65 + 52		ILLINOIS PAVED MEDIAN
1.00	STAGE THREE 1486 + 07		IOWA
1.00	71 + 85		
3.0	TOTAL		

CU.YD.	LOCATION		REMARKS
84.00	1492 + 00	to 1497 + 60	State of IOWA barrier wall
84.00	TOTAL		

EQQT	LOCATION		REMARKS
	EASTBOUND		
870.75	16 + 70	to 51 + 53	Bridge - 6" CL skip dash
870.75	Sub-Totd		
	WESTBOUND		
870.75	16 + 70	to 51 + 53	Bridge - 6" CL skip dash
870.75	Sub-Totd		
1,741.50	TOTAL		

EACH	LOCATION		REMARKS
1.00	65 + 69.50		END OF PAVED MEDIAN, QUADGUARD ELITE
1.00	TOTAL		

	STAGE ONE		
515.5	1491 + 88	1497 + 00	
77.5	1497 + 00	1497 + 80	
587.5	61 + 30	67 + 25	
1,180.5	TOTAL		

REVISSED SHEET 10/28/09

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\PWIDOT\CUSHMANBW\d0149192\d09409-sht-schedule.dgn		DRAWN -	REVISED -			80	(81-1B) M-4	ROCK ISLAND	75	10
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64F31				
PLOT DATE = Tue Oct 20 16:46:46 2009		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			

SEQUENCE OF WORK

2010 CONSTRUCTION

Pre-staging ● Detour eastbound Interstate 80 traffic. Close eastbound Interstate 80 access across bridge. Maintain current Westbound traffic pattern of only one (1) lane
 Falcon Protection shall be in place prior to February 1, 2010.
 See start date special provision for restrictions.

YEAR 2010

- Stage I ● Repair eastbound travel lanes by "STAGE ONE, COMPLETION DATE". All work necessary to provide two-lane, two-way traffic shall be completed by this date.
- Set-up temporary concrete barrier wall across bridge for Stage Two head-to-head traffic and all associated temporary pavement markings.
 - Set-up temporary barrier wall at median cross-overs to move westbound traffic onto the eastbound passing lane.
 - Open eastbound driving lane across bridge to eastbound traffic. Move westbound traffic through median cross-overs and onto eastbound passing lane. Head-to-head traffic to be in place by 6:00 pm on "STAGE ONE, COMPLETION DATE".
 - Close access to westbound bridge lanes.

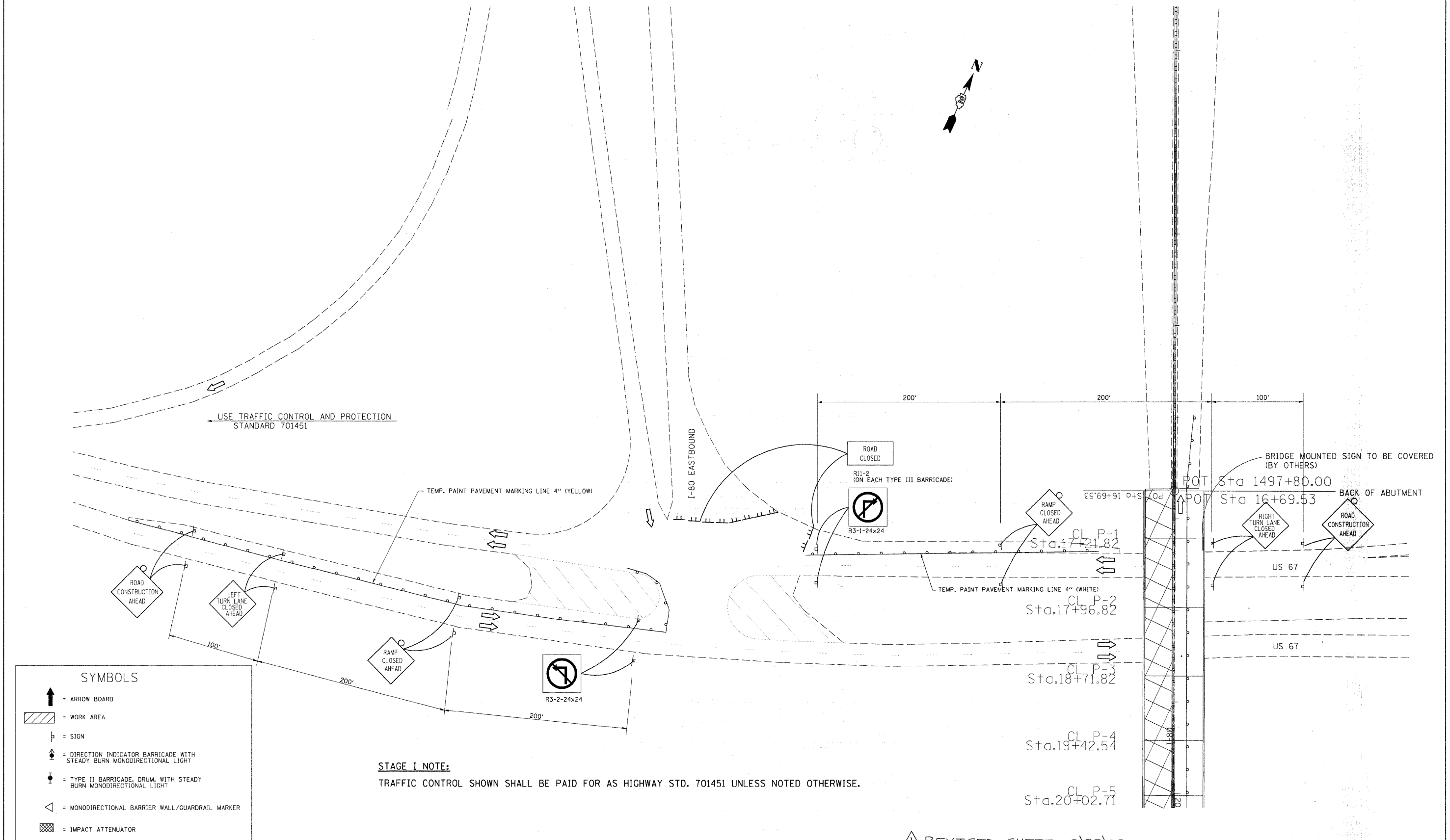
- Stage II ● Repair Westbound travel lanes by "STAGE TWO, COMPLETION DATE". All work necessary to provide four-lane, two-way traffic shall be completed by this date and as a minimum, temporary winter paint pavement markings shall be completed.
- Move westbound traffic into westbound lanes across the bridge. Maintain eastbound traffic in eastbound driving lane across bridge.
 - Move eastbound traffic into passing lane and complete all remaining winter paint pavement markings.

YEAR 2011

- Stage III ● The Contractor will not begin any work prior to April 4, 2011.
- Traffic Control on the bridge must comply with NCHRP report 350.
 - Install/Repair permanent concrete median barrier wall(s).
 - Groove for pavement markings on bridge surfaces and install permanent bridge pavement markings, Reflective Raised Pavement Markings (RRPM), and concrete wall reflectors.
 - Repair Iowa concrete slope wall - includes any seeding
 - Bridge washing - Spring 2011 only.

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REVISED SHEET 1028109	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = Tue Oct 20 16:48:53 2009		DATE -	REVISED -			CONTRACT NO. 64F31					

STAGE I (IOWA) RAMP



USE TRAFFIC CONTROL AND PROTECTION STANDARD 701451

TEMP. PAINT PAVEMENT MARKING LINE 4" (YELLOW)

I-80 EASTBOUND

ROAD CLOSED
R11-2 (ON EACH TYPE III BARRICADE)
R3-1-24x24

RAMP CLOSED AHEAD

BRIDGE MOUNTED SIGN TO BE COVERED (BY OTHERS)
Sta 1497+80.00
BACK OF ABUTMENT
Sta 16+69.53

US 67

US 67

Sta. 17+24.82
CL P-1

Sta. 17+96.82
CL P-2

Sta. 18+71.82
CL P-3

Sta. 19+42.54
CL P-4

Sta. 20+02.71
CL P-5

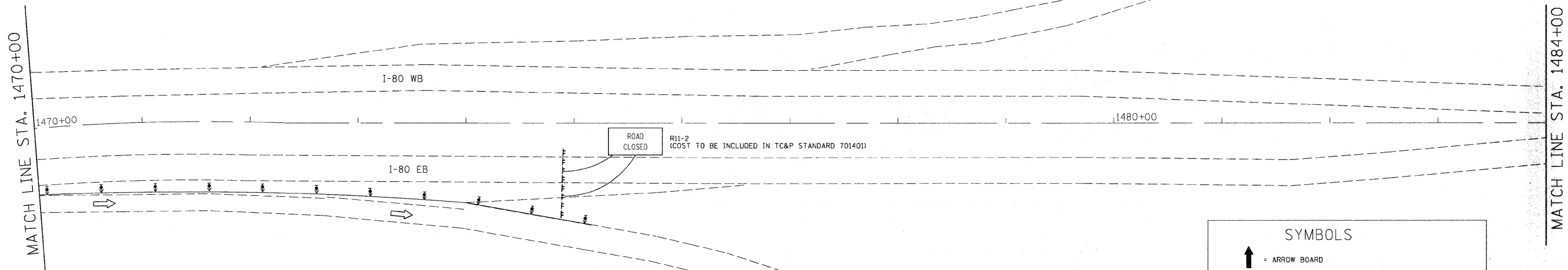
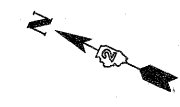
SYMBOLS	
	= ARROW BOARD
	= WORK AREA
	= SIGN
	= DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	= TYPE II BARRICADE, DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
	= MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
	= IMPACT ATTENUATOR

STAGE I NOTE:
TRAFFIC CONTROL SHOWN SHALL BE PAID FOR AS HIGHWAY STD. 701451 UNLESS NOTED OTHERWISE.

REVISOR'S MARK: REVISED SHEET 10/28/09

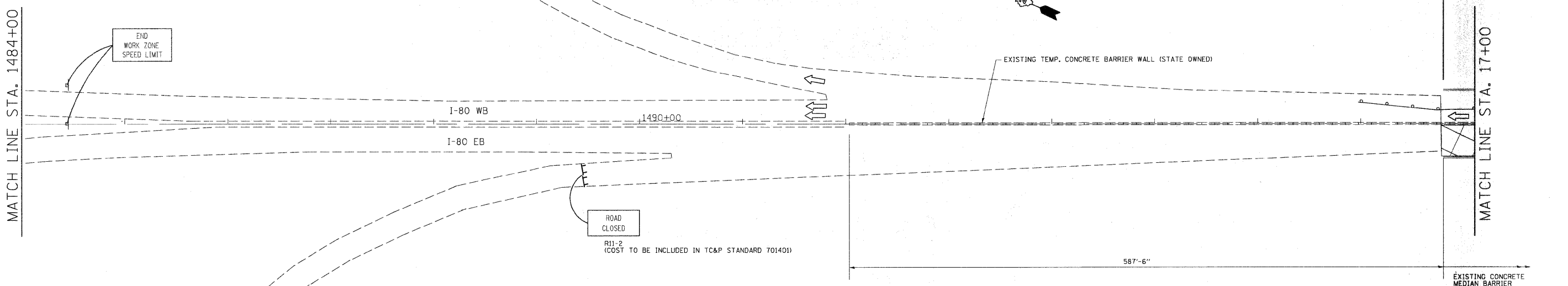
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		CHECKED -	REVISED -		CONTRACT NO. 64F31									
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

STAGE I



SYMBOLS

- = ARROW BOARD
- = WORK AREA
- = SIGN
- = DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- = TYPE II BARRICADE, DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- = MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- = IMPACT ATTENUATOR



REVISOR'S MARK: REVISED SHEET 10/28/09

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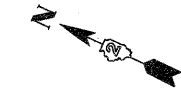
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE I

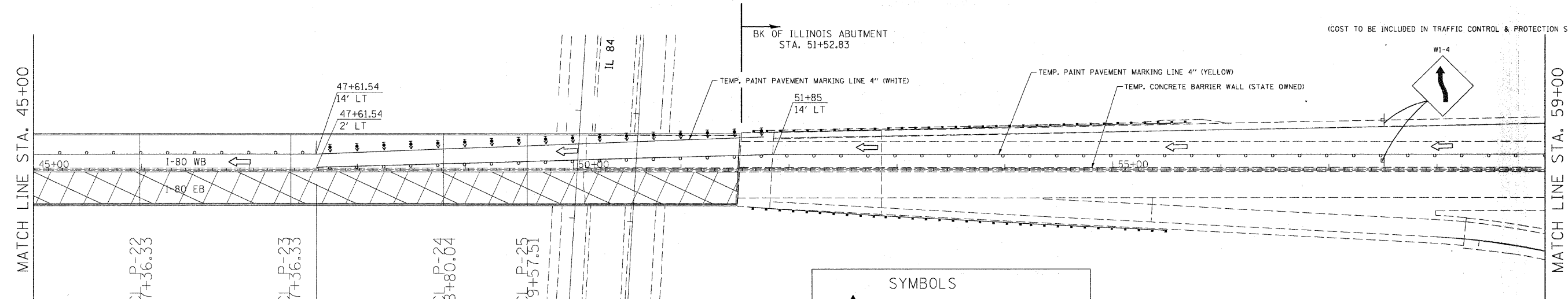
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1B) M-4	ROCK ISLAND	75	15
CONTRACT NO. 64F31			ILLINOIS FED. AID PROJECT	

STAGE I

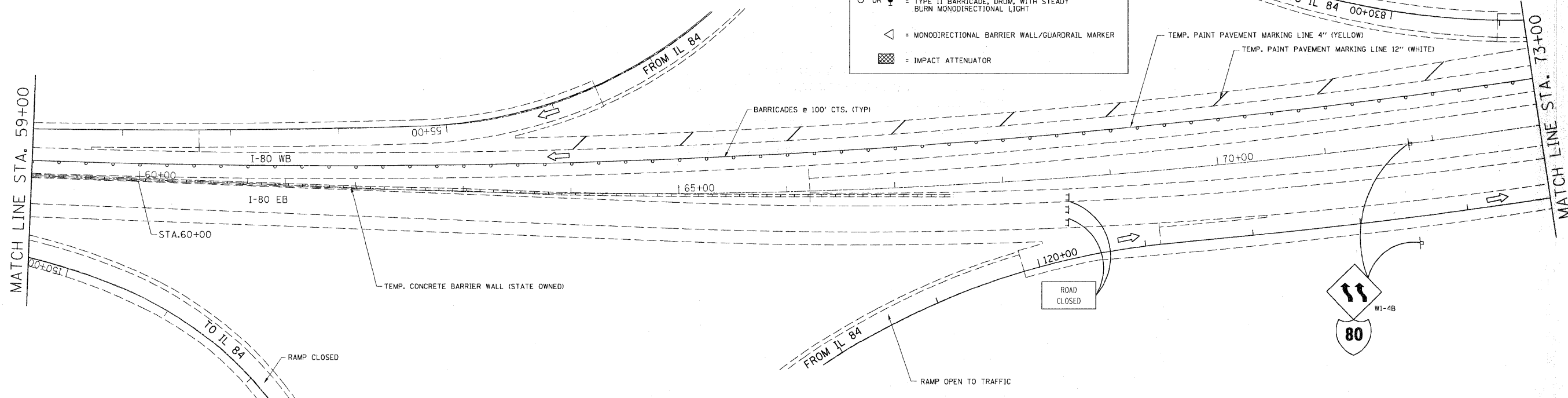
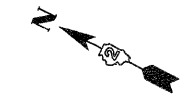


(COST TO BE INCLUDED IN TRAFFIC CONTROL & PROTECTION STD. 701401)



SYMBOLS

- = ARROW BOARD
- = WORK AREA
- = SIGN
- = DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- = TYPE II BARRICADE, DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- = MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- = IMPACT ATTENUATOR



STAGE I NOTE:

TRAFFIC CONTROL SHOWN SHALL BE PAID FOR AS HIGHWAY STD. 701401 UNLESS NOTED OTHERWISE.
 WESTBOUND TRAFFIC SHALL BE IN PASSING LANE ONLY BETWEEN STA. 21+00 TO STA. 47+50

REVISIED SHEET 10/28/09

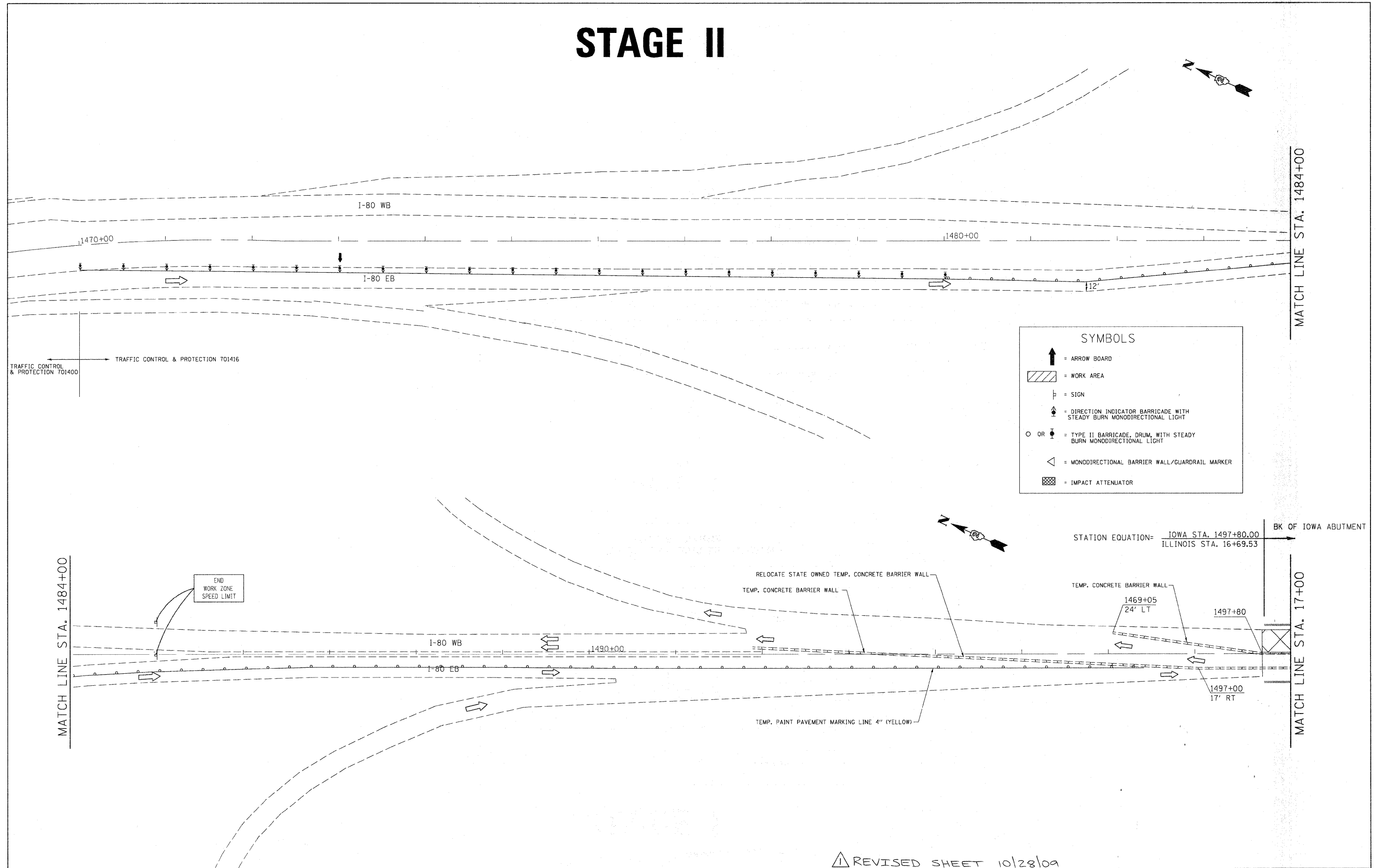
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1B) M-4	ROCK ISLAND	75	17
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 64F31		

STAGE II



SYMBOLS

- = ARROW BOARD
- = WORK AREA
- = SIGN
- = DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- = TYPE II BARRICADE, DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- = MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- = IMPACT ATTENUATOR

REVISSED SHEET 10/28/09

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		DATE -	REVISED -

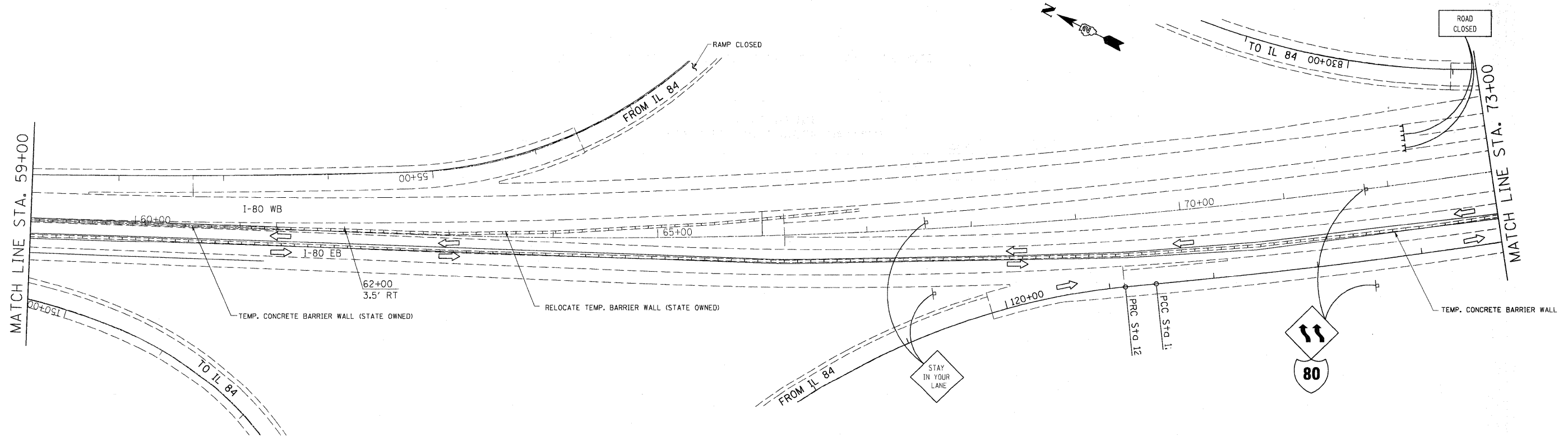
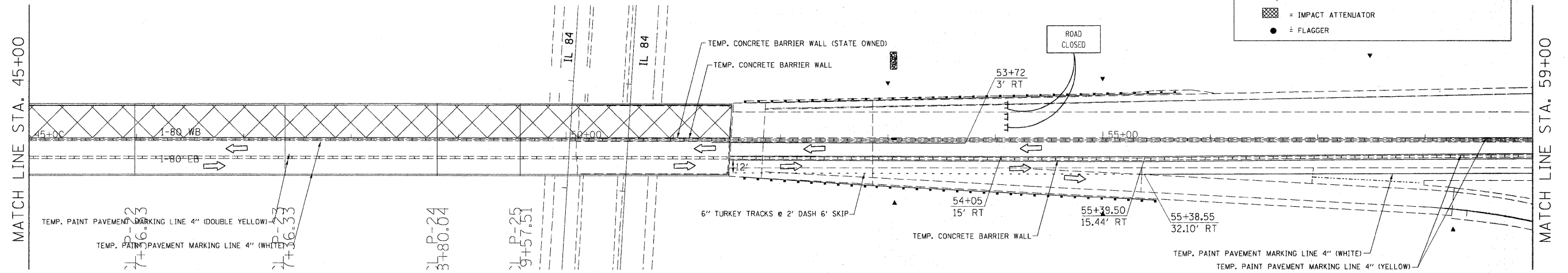
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1B) M-4	ROCK ISLAND	75	19
CONTRACT NO. 64F31			ILLINOIS FED. AID PROJECT	

STAGE II

SYMBOLS	
	= ARROW BOARD
	= WORK AREA
	= SIGN
	= DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	= TYPE II BARRICADE, DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
	= MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
	= IMPACT ATTENUATOR
	= FLAGGER



STAGE II NOTE:

TRAFFIC CONTROL SHOWN SHALL BE PAID FOR AS HIGHWAY STD. 701416 UNLESS NOTED OTHERWISE.

REVISSED SHEET 10/28/09

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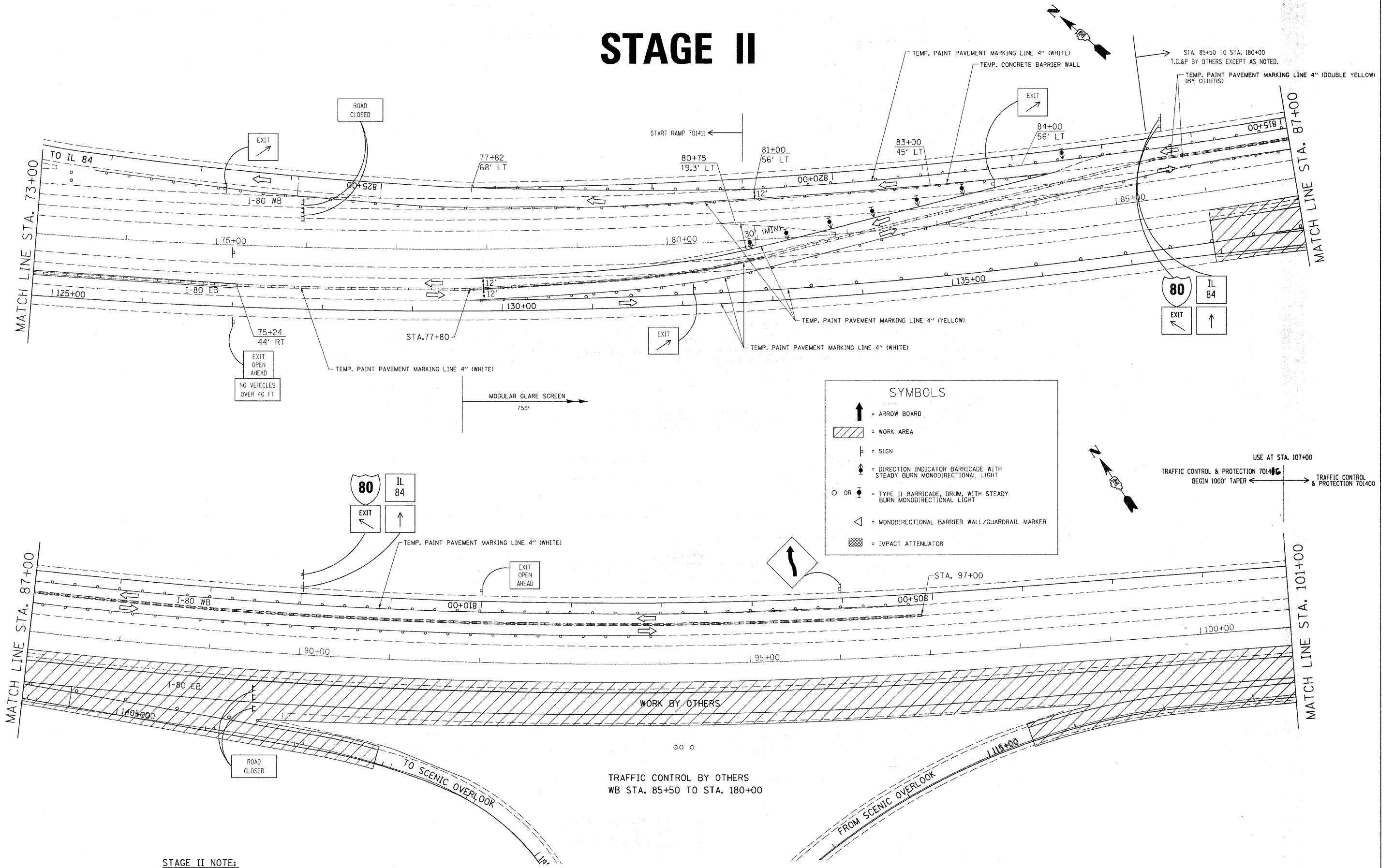
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE II

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

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1B) M-4	ROCK ISLAND	75	21
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64F31	

STAGE II



SYMBOLS

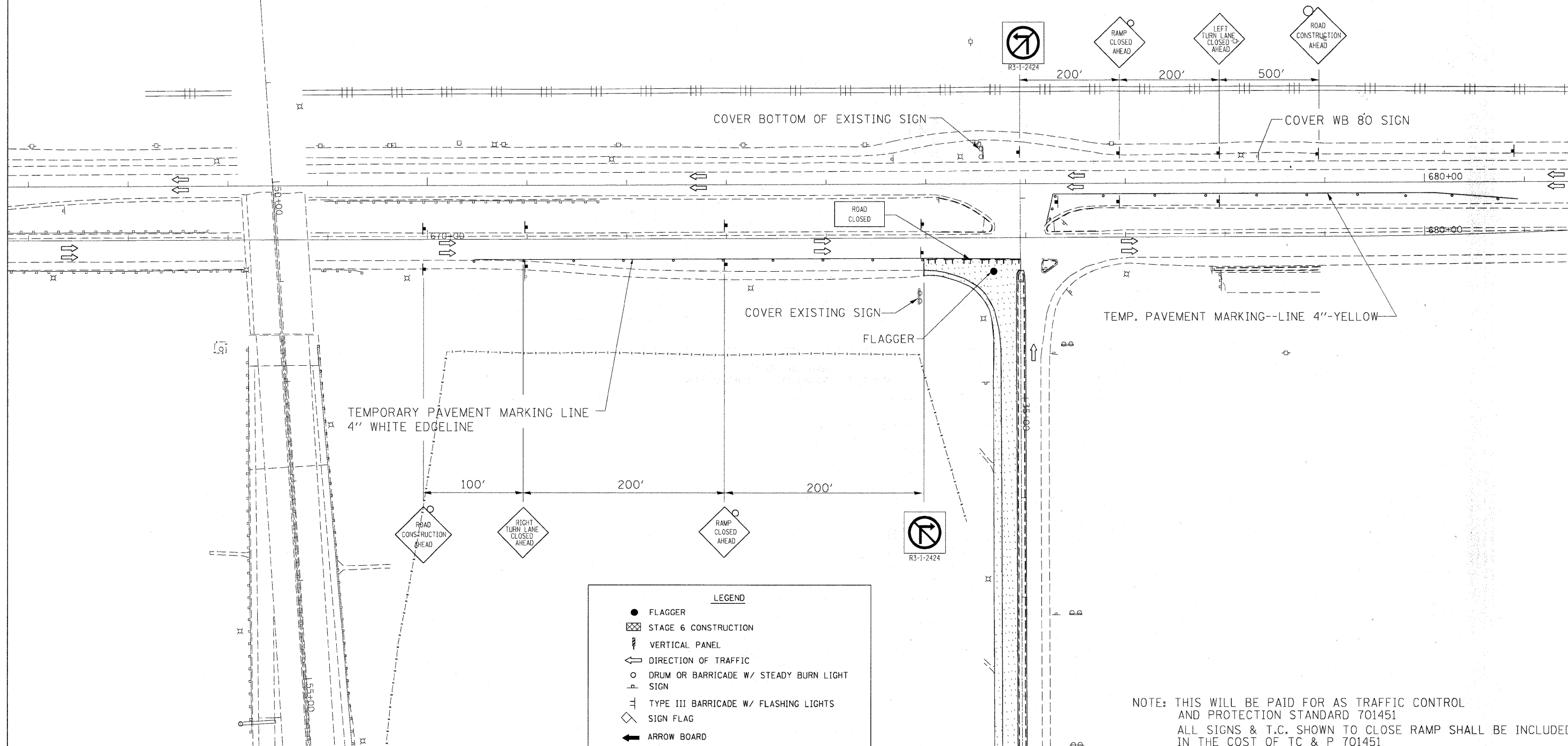
- ↑ = ARROW BOARD
- ▨ = WORK AREA
- ⊥ = SIGN
- ⬆ = DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- OR ⊥ = TYPE II BARRICADE, DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- ◁ = MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- ▩ = IMPACT ATTENUATOR

STAGE II NOTE:
 TRAFFIC CONTROL SHOWN SHALL BE PAID FOR AS HIGHWAY STD. 701416 UNLESS NOTED OTHERWISE.

REVISOR'S MARK: **REVISOR'S MARK** 10/28/09

FILE NAME =	USER NAME = cushmanibw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 64F31							
PLOT DATE = Wed Oct 21 11:24:08 2009		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

STAGE II



LEGEND	
●	FLAGGER
⊠	STAGE 6 CONSTRUCTION
▨	VERTICAL PANEL
⇄	DIRECTION OF TRAFFIC
○	DRUM OR BARRICADE W/ STEADY BURN LIGHT SIGN
⊥	TYPE III BARRICADE W/ FLASHING LIGHTS
◇	SIGN FLAG
➔	ARROW BOARD

NOTE: THIS WILL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION STANDARD 701451
 ALL SIGNS & T.C. SHOWN TO CLOSE RAMP SHALL BE INCLUDED IN THE COST OF TC & P 701451

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -
c:\pwork\pwork\cushmanbw\d0149166\d094409atg-A.dgn		DRAWN -	REVISED -
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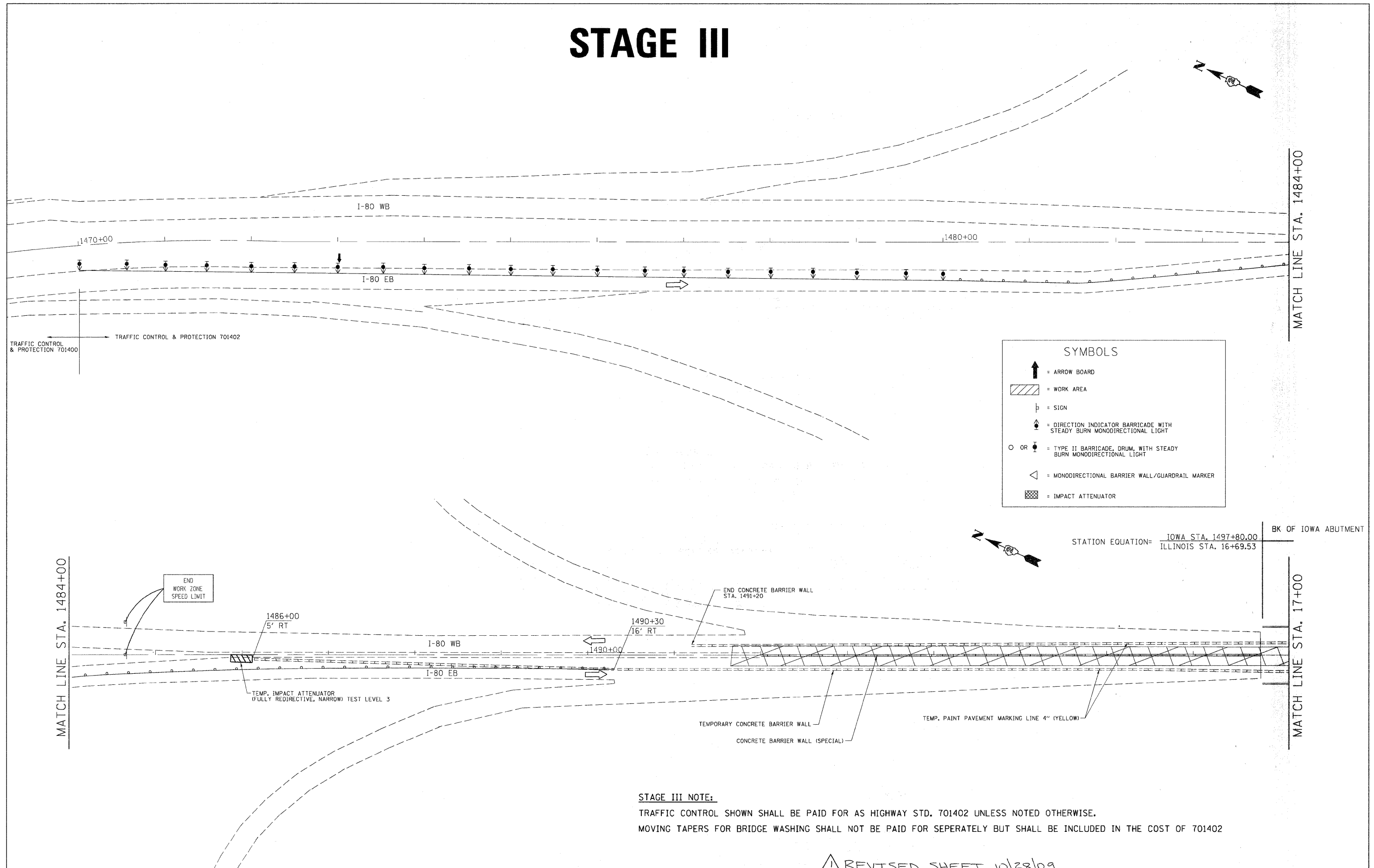
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

REVISSED SHEET 10/28/09 STAGE II

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1B) M-4	ROCK ISLAND	75	23
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 64F31	

STAGE III



SYMBOLS

- = ARROW BOARD
- = WORK AREA
- = SIGN
- = DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- = TYPE II BARRICADE, DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- = MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- = IMPACT ATTENUATOR

STAGE III NOTE:
 TRAFFIC CONTROL SHOWN SHALL BE PAID FOR AS HIGHWAY STD. 701402 UNLESS NOTED OTHERWISE.
 MOVING TAPERS FOR BRIDGE WASHING SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF 701402

REVISIED SHEET 10/28/09

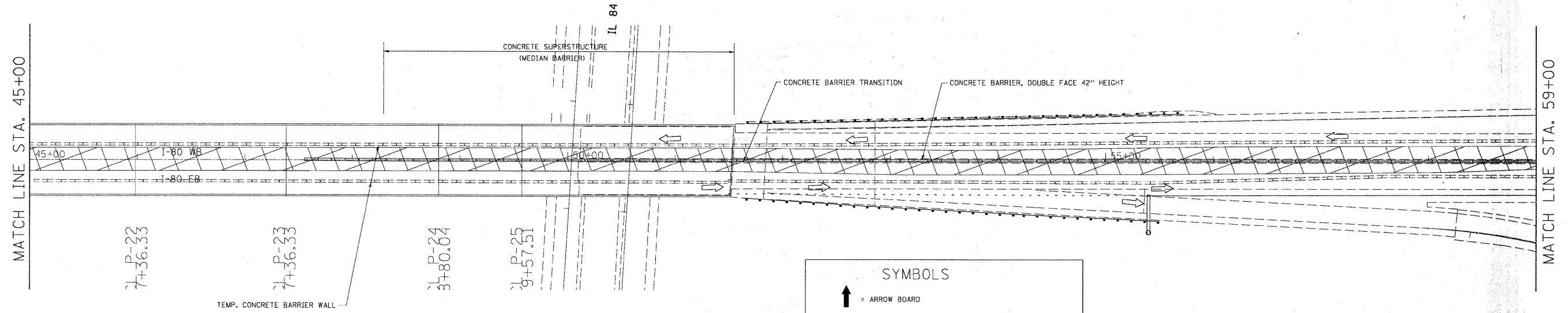
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

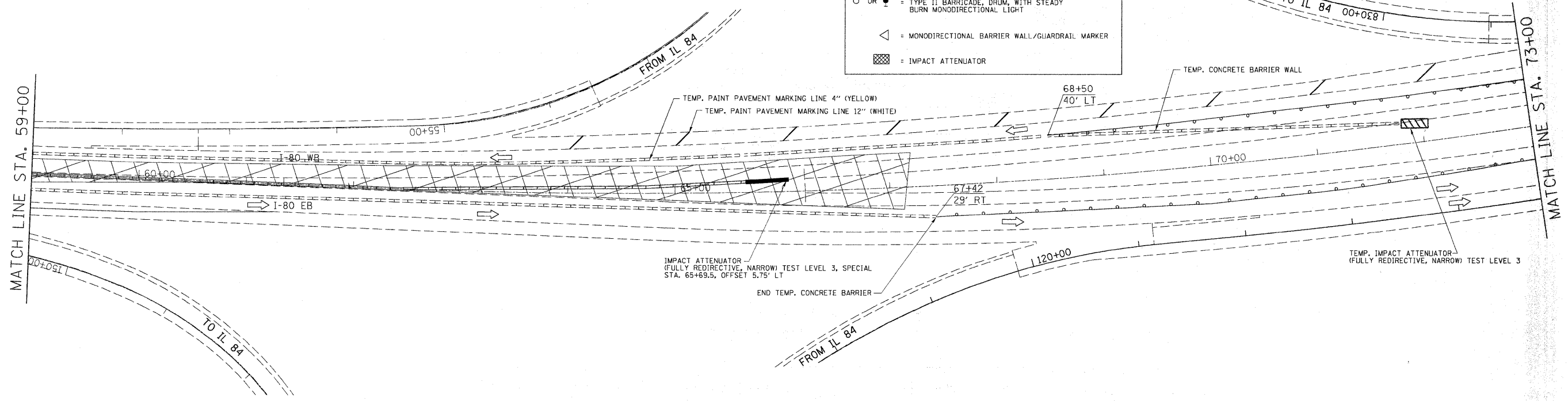
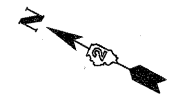
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80	(81-1B) M-4	ROCK ISLAND	75	24
CONTRACT NO. 64F31			ILLINOIS FED. AID PROJECT	

STAGE III



SYMBOLS

- = ARROW BOARD
- = WORK AREA
- = SIGN
- = DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- = TYPE II BARRICADE, DRUM, WITH STEADY BURN MONODIRECTIONAL LIGHT
- = MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- = IMPACT ATTENUATOR



STAGE III NOTE:

MOVING / RELOCATING TEMPORARY OR PERMANENT IMPACT ATTENUATOR DURING CONSTRUCTION OF 42" HIGH CONCRETE BARRIER WALL SHALL BE @ THE CONTRACTORS EXPENSE.

REVISIED SHEET 10/28/09

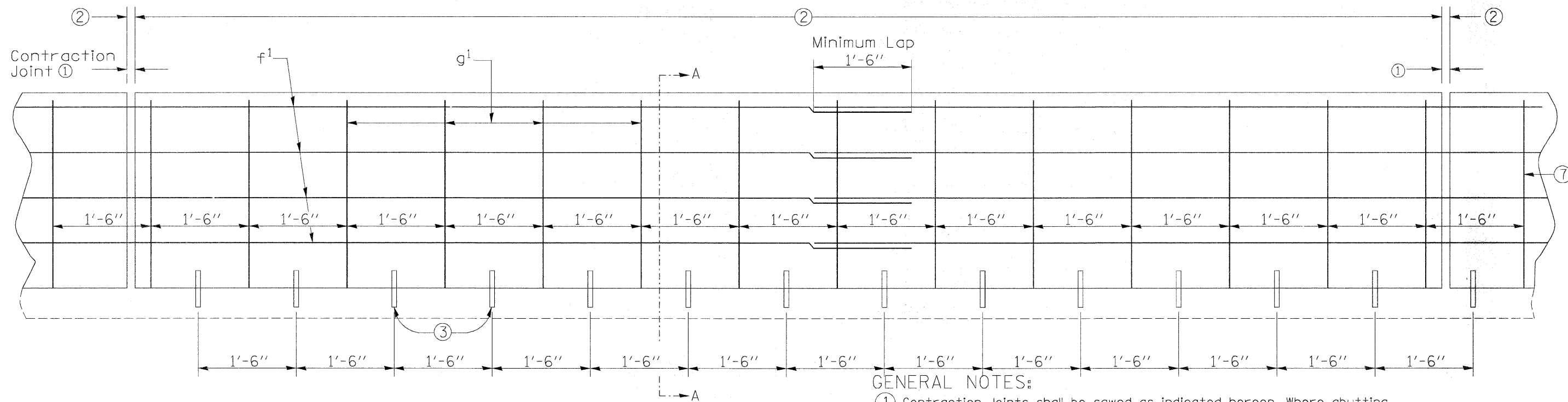
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE III

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

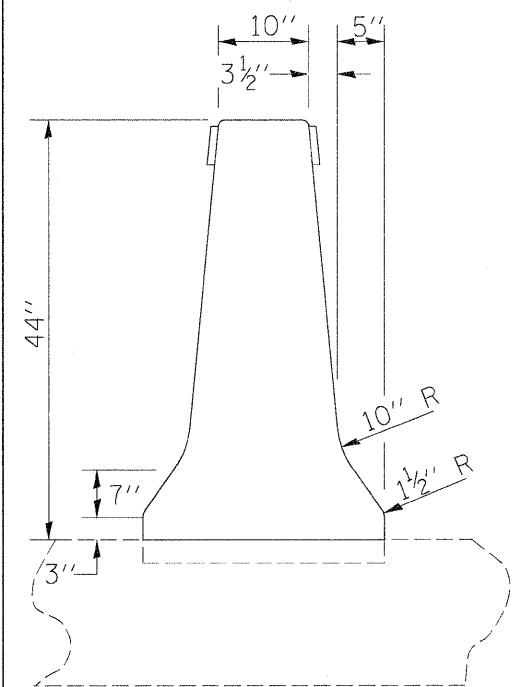
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(61-1B) M-4	ROCK ISLAND	75	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64F31	



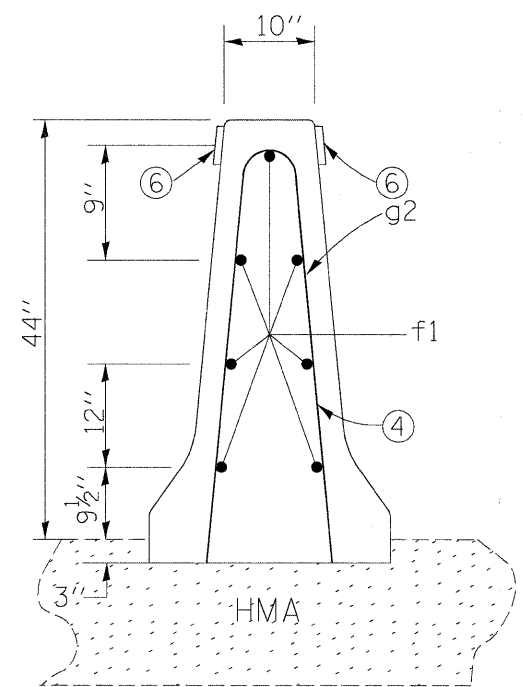
ELEVATION

GENERAL NOTES:

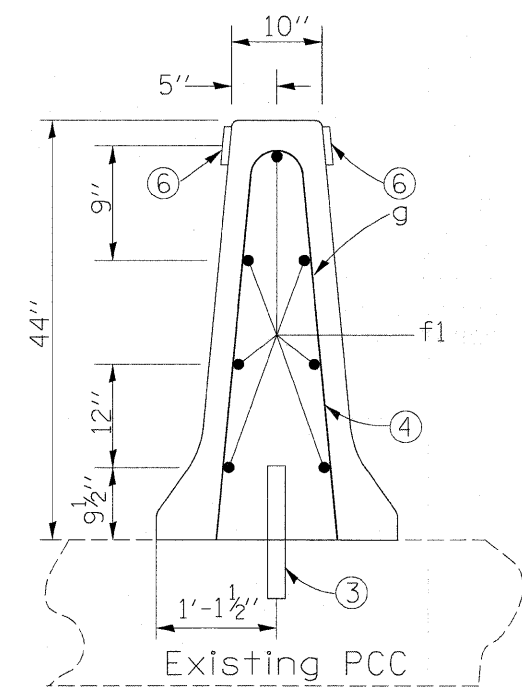
- ① Contraction Joints shall be sawed as indicated hereon. Where abutting sections are placed as separate pours, a butt joint may be used. Longitudinal reinforcement shall be extended in the abutting section a minimum of 1'-6" (spanning the butt joint).
- ② For barrier doweled to PC paved shoulders, match pavement joints. For barrier on HMA, use 20 feet.
- ③ 1 inch diameter deformed bars or sufficient length to ensure 6 inch minimum embedment in rail and supporting surface. Bars shall be either installed in supporting surface when placed or installed in drilled holes using polymer grout or hydraulic cement grout. Dower location may be adjusted 6 inches to avoid bridge approach reinforcement.
- ④ Use minimum cover of 2 inches for rebars.
- ⑤ All exposed corners are to be filleted with a 3/4" dressed and beveled strip.
- ⑥ Barrier markers to be spaced at 250 feet increments in areas with continuous lighting, 100 feet increments in areas with non-continuous lighting.
- ⑦ Barrier reinforcement shall be anchored to prevent movement. Each section shall be secured at the front, back, and at 3'-6" minimum intervals. Method of anchorage shall be approved by the Engineer.
- ⑧ This work shall be paid for at the contract unit price per cu yd as Concrete Barrier Wall (Special) and per pound for reinforcement bars.



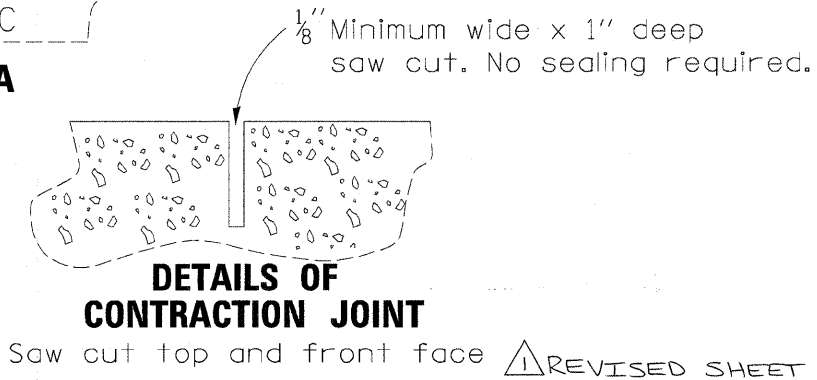
DETAILS OF F-SHAPE BARRIER FACE



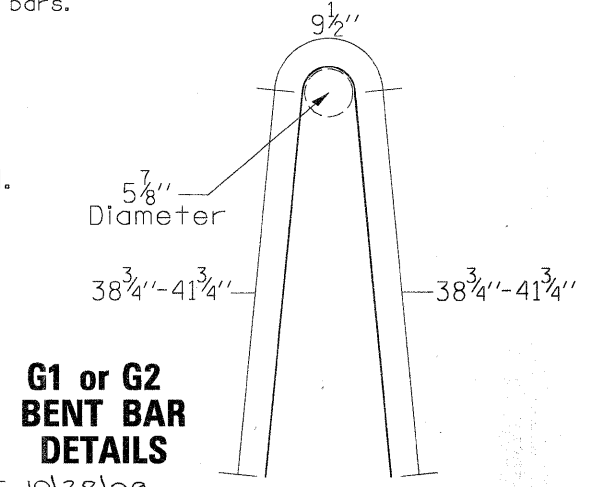
SECTION A-A



SECTION A-A



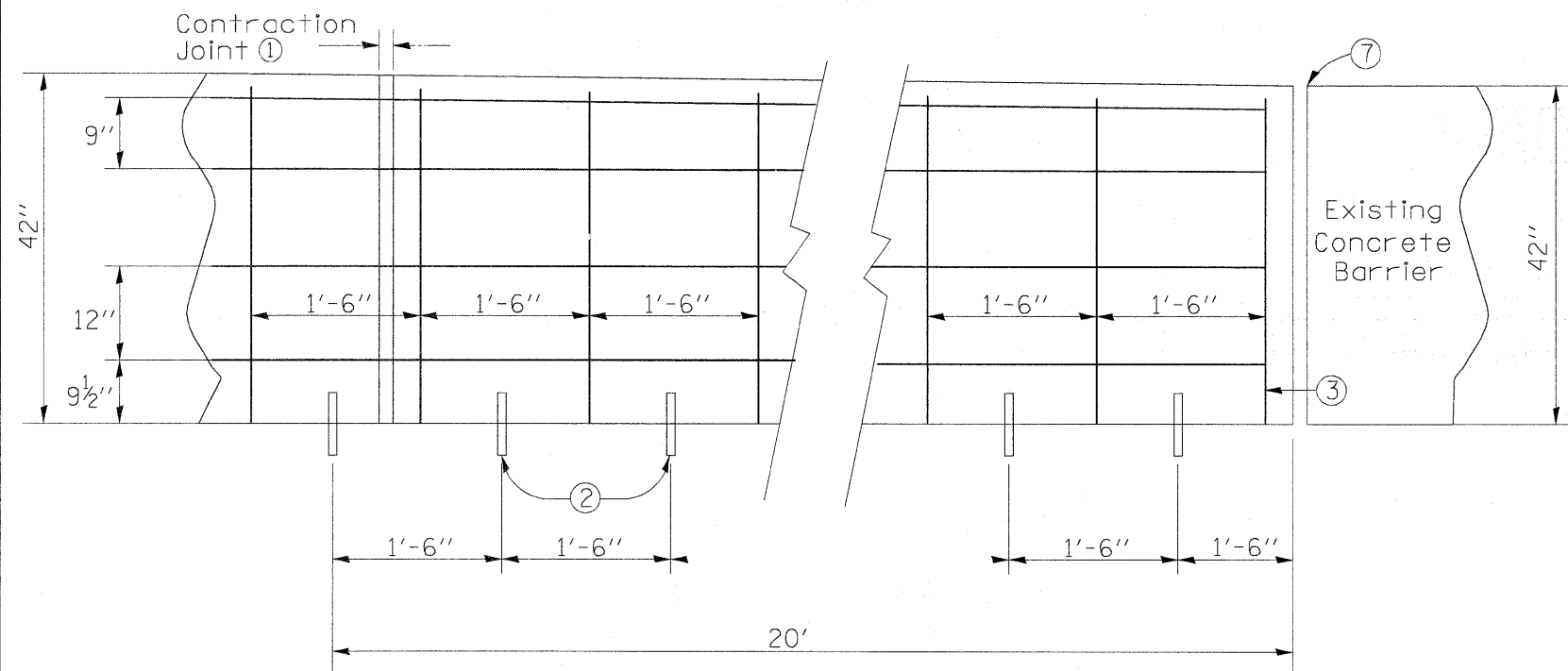
Saw cut top and front face **REVISED SHEET 10/28/09**



G1 or G2 BENT BAR DETAILS

CONCRETE QUANTITIES
Per Foot
0.15 cy

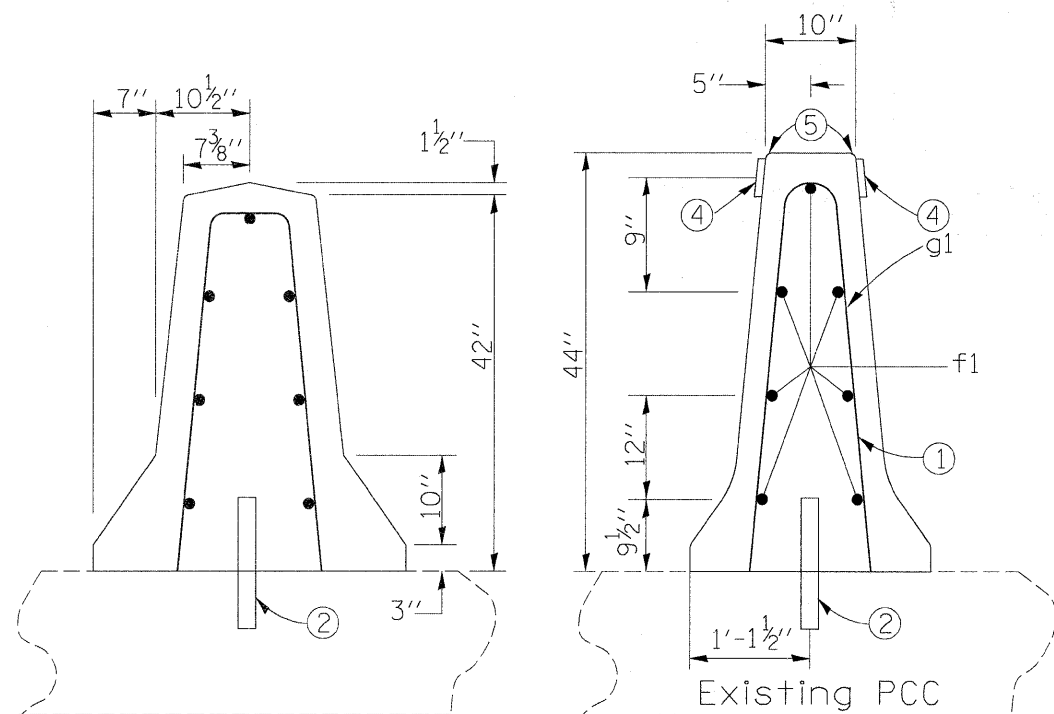
REINFORCING BAR LIST				
Per Section (Approx. 20 feet)				
Mark	Size	Number of Bars	Length	WT. (lbs.)
g ¹	5	14	7'-3"	107
g ²	5	14	7'-9"	113
f ¹	5	7	19'-6"	141



ELEVATION

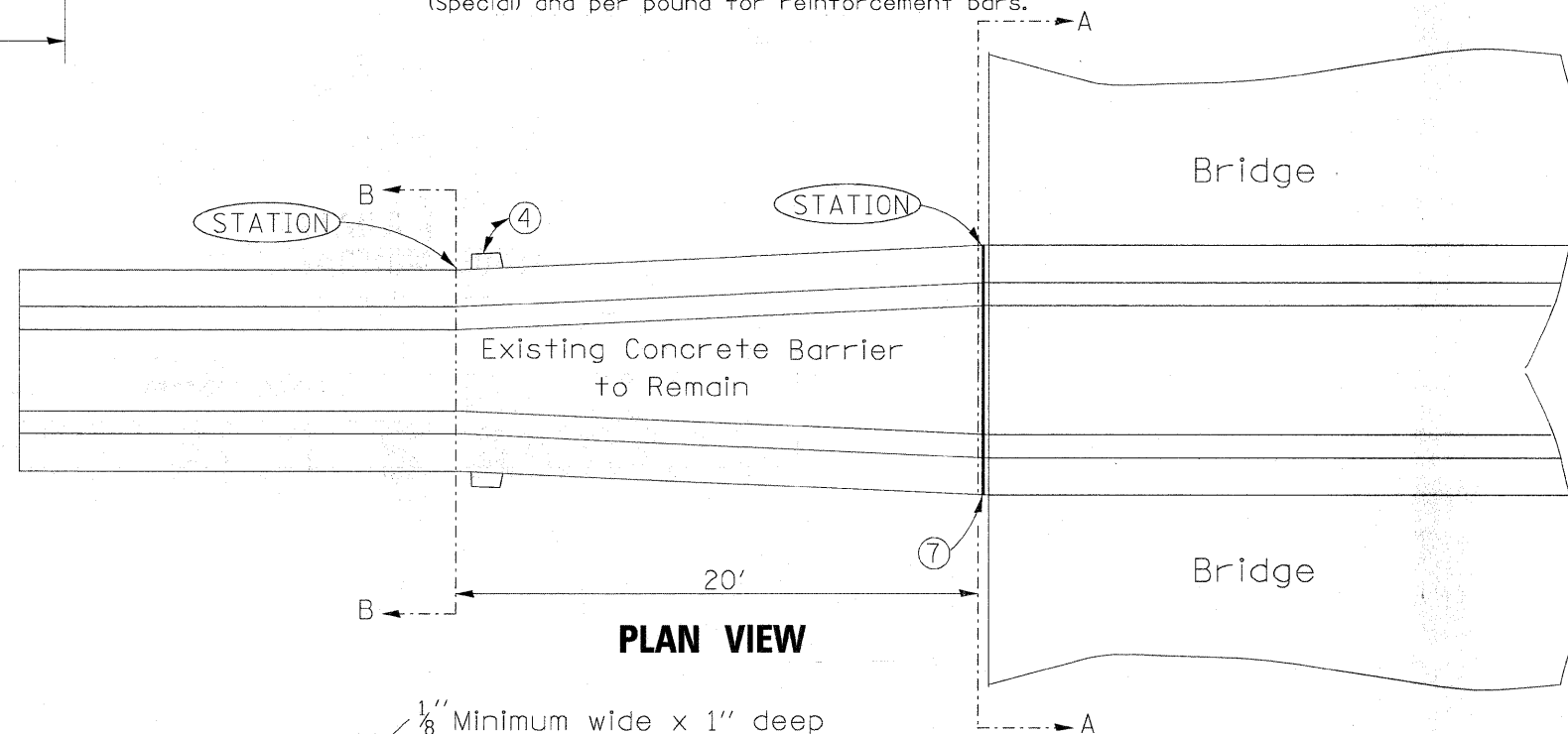
GENERAL NOTES:

- ① Use minimum cover of 2 inches for rebars.
- ② 1 inch diameter deformed bars or sufficient length to ensure 6 inch minimum embedment in rail and supporting surface. Bars shall be either installed in supporting surface when placed or installed in drilled holes using polymer grout or hydraulic cement grout. Dower location may be adjusted 6 inches to avoid bridge approach reinforcement.
- ③ Barrier reinforcement shall be anchored to prevent movement. Each section shall be secured at the front, back, and at 3'-6" minimum intervals. Method of anchorage shall be approved by the Engineer.
- ④ Barrier Markers
- ⑤ All exposed corners are to be filleted with a 3/4" dressed and beveled strip.
- ⑥ Contraction Joints shall be sawed as indicated hereon. Where abutting sections are placed as separate pours, a butt joint may be used. Longitudinal reinforcement shall be extended in the abutting section a minimum of 1'-6" (spanning the butt joint).
- ⑦ Expansion joint. Width of joint shall match the expansion joint between the bridge and bridge approach. Expansion material shall conform to shape of barrier. No sealer is required.
- ⑧ The shape and height of the barrier shall be smoothly transitioned from the existing bridge rail to the new median barrier.
- ⑨ This work shall be paid for at the contract unit price per cu yd as Concrete Barrier Wall (Special) and per pound for reinforcement bars.

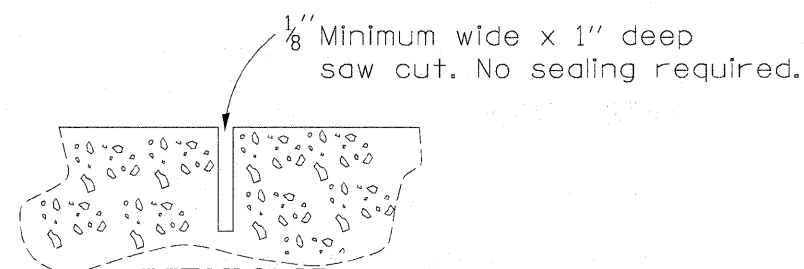


SECTION A-A
Existing Bridge Rail (8)

SECTION B-B
New Median Barrier (8)



PLAN VIEW



DETAILS OF CONTRACTION JOINT
Saw cut top and front face

REVISSED SHEET 10/28/09

FILE NAME =	USER NAME = cushmenbw	DESIGNED -	REVISED -
es:\pwork\pwork\cushmenbw\d0149192\d0149192.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 / IN.	CHECKED -	REVISED -
	PLOT DATE = Tue Oct 20 16:53:35 2009	DATE -	REVISED -

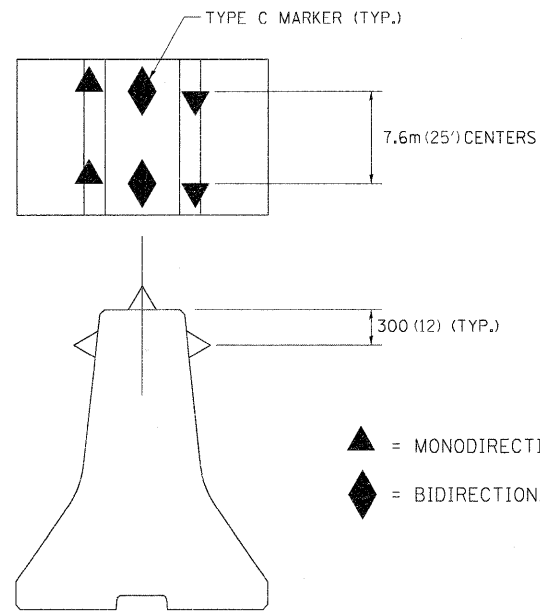
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE MEDIAN BARRIER
TRANSITION TO EXISTING BRIDGE BARRIER

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1B) M-4	ROCK ISLAND	75	62
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 64F31	

DELINEATION OF CENTER BARRIER OF TWO-LANE TWO WAY OPERATION



DESIGNER NOTE:

Use this with Traffic Control and Protection Standard 701416 when using concrete barrier vs. flexible delineators as the barrier on centerline.

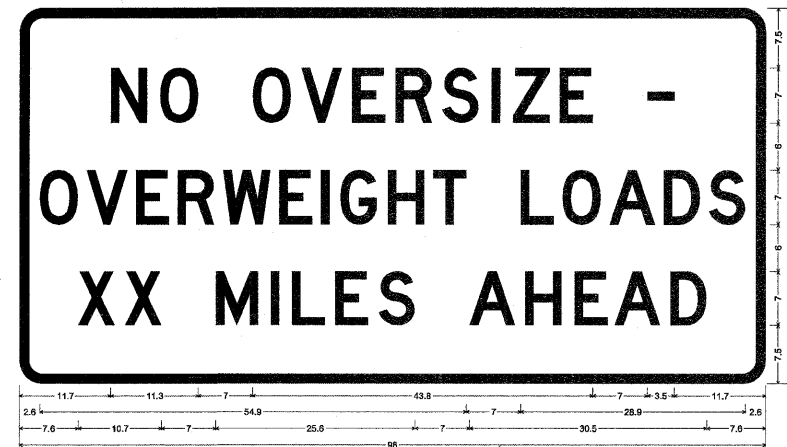
NOTES

1. All reflectors are to be amber in color and meet the specifications of Section 1097 of the Standard Specifications for Road and Bridge Construction.
2. All reflectors are to be installed in accordance with Section 782 of the Standard Specifications for Road and Bridge Construction.
3. On Interstates do not use the panels mounted on top of the barriers as shown on Standard 701416.
4. The cost of the reflectors will be included in the contract unit price per meter (foot) for Temporary Concrete Barrier.
5. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 1-08-08

DELINEATION OF CENTER BARRIER OF TWO-LANE TWO WAY OPERATION 25.4

ROAD CLOSED TO OVERSIZED LOADS



Permit Loads - Loads Over 15 Feet: 3.0" Radius, 1.3" Border, Black on Orange:
[NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 95% speed; [XX MILES AHEAD] D:

Table of letter and object sets:														
W	O	V	S	R	S	I	Z	E	-					
11.7	18.1	30.0	38.2	42.8	48.4	54.4	60.7	63.5	69.3					
Table of letter and object sets:														
O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.8	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7
Table of letter and object sets:														
X	M	I	L	E	S	A	H	E	A	D				
7.8	13.8	25.3	32.3	35.1	40.8	45.2	57.9	65.1	71.4	78.8	83.7			

All work to furnish and install these signs shall be included in the cost of the Traffic Control Standards and shall not be paid for separately.
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-11-09

ROAD CLOSED TO OVERSIZED LOADS 40.4

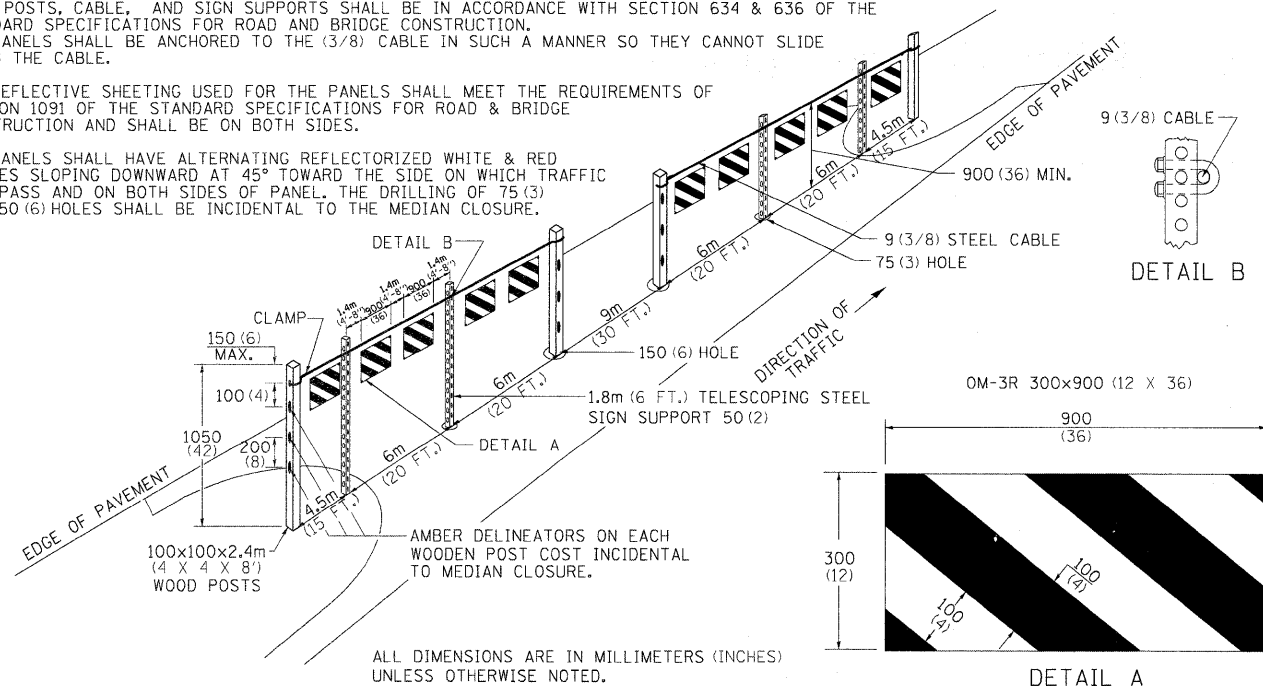
TYPICAL MEDIAN CROSSOVER CLOSURE (WITH EMERGENCY OPENING)

GENERAL NOTES

WOOD POSTS, CABLE, AND SIGN SUPPORTS SHALL BE IN ACCORDANCE WITH SECTION 634 & 636 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE PANELS SHALL BE ANCHORED TO THE (3/8) CABLE IN SUCH A MANNER SO THEY CANNOT SLIDE ALONG THE CABLE.

THE REFLECTIVE SHEETING USED FOR THE PANELS SHALL MEET THE REQUIREMENTS OF SECTION 1091 OF THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION AND SHALL BE ON BOTH SIDES.

ALL PANELS SHALL HAVE ALTERNATING REFLECTORIZED WHITE & RED STRIPES SLOPING DOWNWARD AT 45° TOWARD THE SIDE ON WHICH TRAFFIC WILL PASS AND ON BOTH SIDES OF PANEL. THE DRILLING OF 75 (3) AND 150 (6) HOLES SHALL BE INCIDENTAL TO THE MEDIAN CLOSURE.



REVISED - 1-24-07

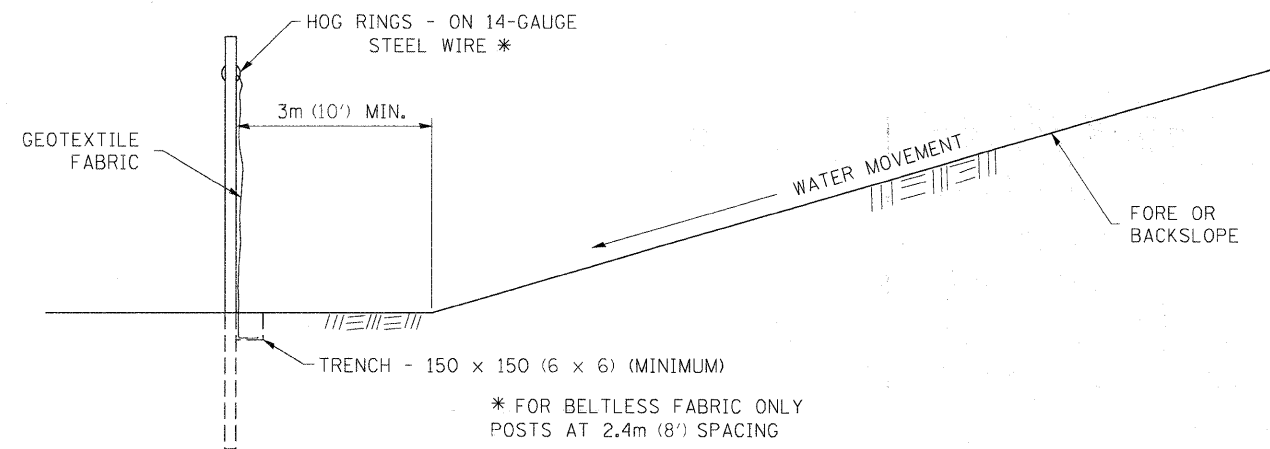
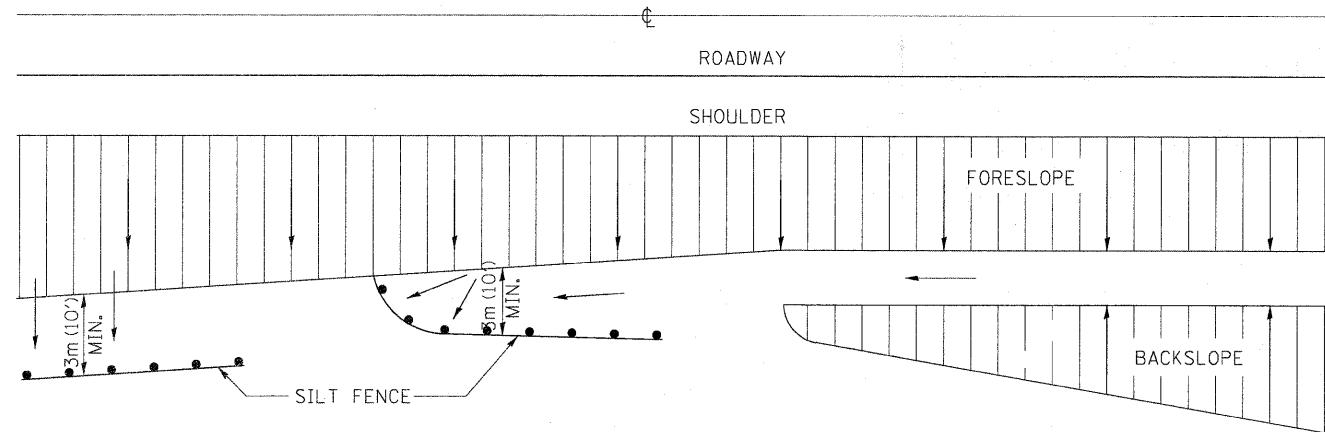
TYPICAL MEDIAN CROSSOVER CLOSURE (WITH EMERGENCY OPENING) 87.4

REVISOR SHEET 10/28/09

REVISED -	REGION 2 / DISTRICT 2 STANDARD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		80	(81-1B) M-4	ROCK ISLAND	75	68
REVISED -		SCALE: 50.0000' / IN. SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 64F31	
REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
REVISED -						

PLOT DATE = Tue Oct 28 16:54:57 2009

EROSION CONTROL DETAILS FOR SILT FENCE



DETAILS OF SILT FENCE

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 10-22-01

△ REVISED SHEET 10/28/09

REVISED -	REGION 2 / DISTRICT 2 STANDARD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		80	(81-1B) M-4	ROCK ISLAND	75	69
REVISED -		CONTRACT NO. 64F31				
REVISED -		SCALE: 50.0000' / 1" SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
REVISED -						