

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(1ZB)-7	ADAMS	45	1
		ILLINOIS	CONTRACT NO. 72H65	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 63 (US 24)
SECTION (1ZB) I-7
PROJECT ACNHPP-0063 (063)
BRIDGE REPAIR
ADAMS COUNTY, IL / MARION COUNTY, MO

C-96-041-15

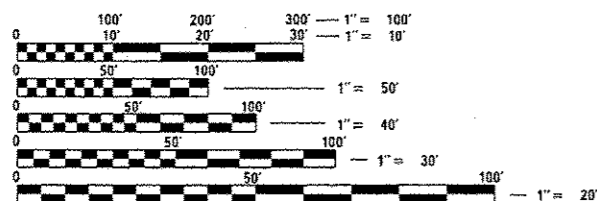
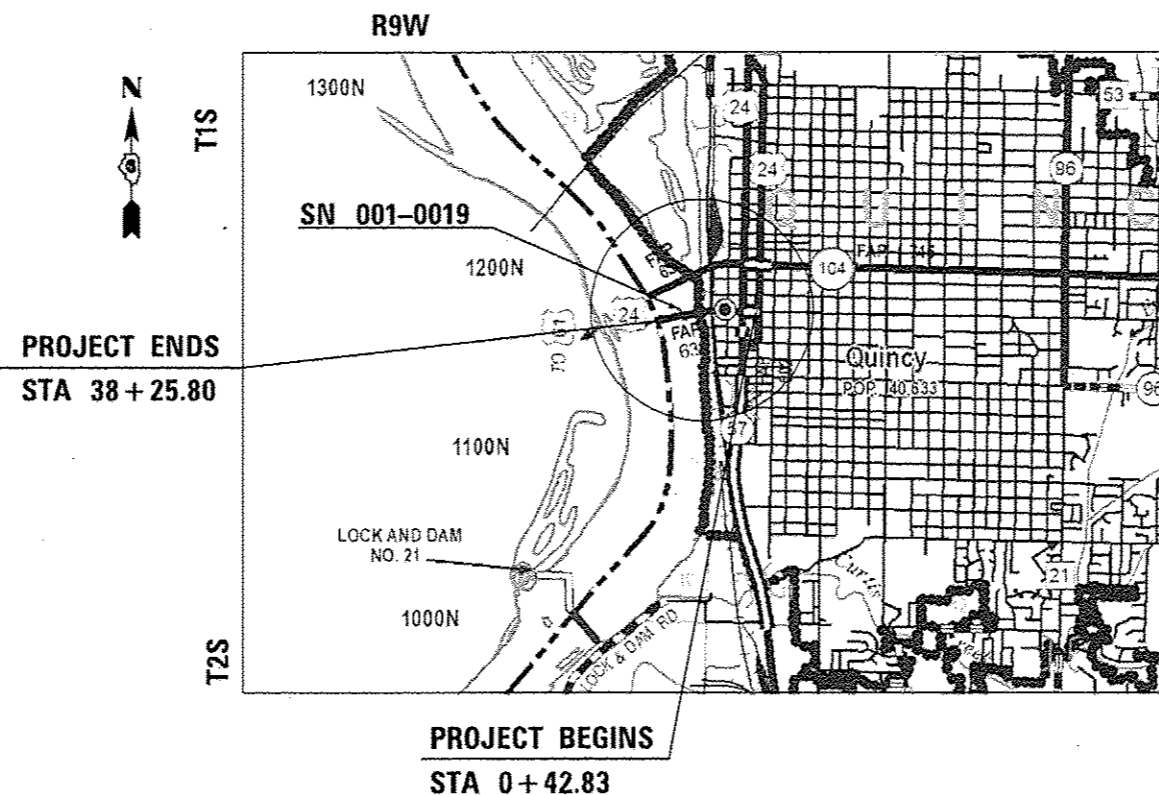
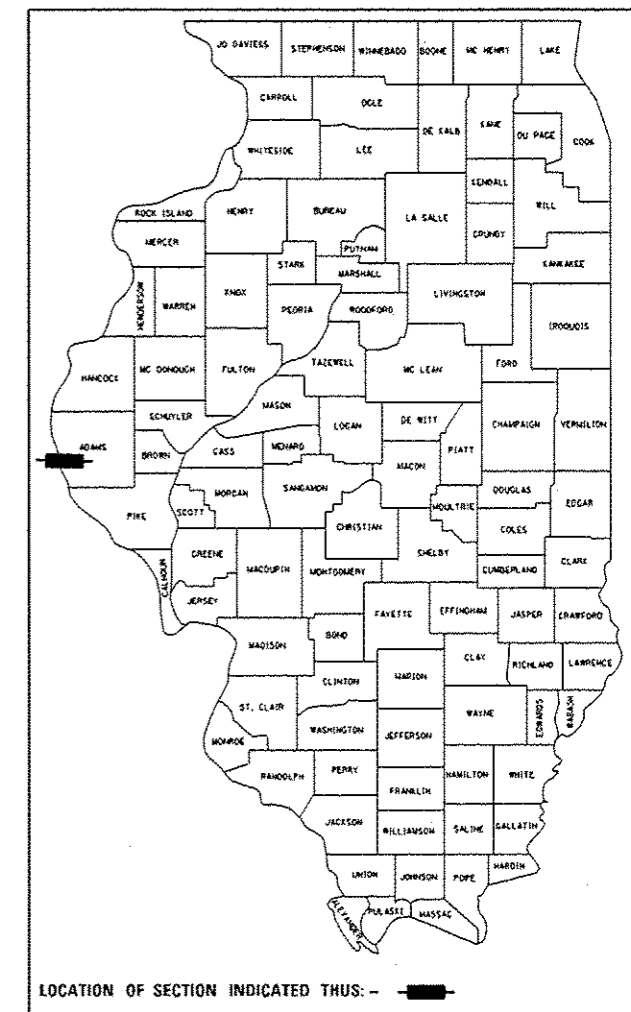
SEE SHEET#2 FOR INDEX OF SHEETS
AND HIGHWAY STANDARDS

US 24 WESTBOUND
BAYVIEW BRIDGE

ADT: 10,800 (2013)
MU: 5.6%
SU: 3.8%

US 24 EASTBOUND
MEMORIAL BRIDGE

ADT: 9,075 (2013)
MU: 5.85%
SU: 3.6%



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: KEITH DONOVAN PH (217) 782-4761
TEAM MANAGER: TOM COX PH (217) 557-6349

GROSS LENGTH = 3,511.50 FT. = 0.67 MILE

CONTRACT NO. 72H65

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED August 19 20 15
Roger Z. Duda
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Oct 2 20 15
John D. Baranzelli PE
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 2 20 15
Omer Osman PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

50% ILLINOIS
50% MISSOURI

80% FED
20% STATE
PPS
6-61750-0400
CONSTR. CODE
0014
BRIDGE
S.N. 001-0019

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
50102400	CONCRETE REMOVAL	CU YD	10.7	10.7
50157300	PROTECTIVE SHIELD	SQ YD	66	66
50300255	CONCRETE SUPERSTRUCTURE	CU YD	10.7	10.7
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2350	2350
52000230	FINGER PLATE EXPANSION JOINT, 9"	FOOT	50	50
52000600	FABRIC REINFORCED ELASTOMERIC TROUGH	FOOT	50	50
52100520	ANCHOR BOLTS, 1"	EACH	17	17
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8
67100100	MOBILIZATION	LSUM	1	1
70100315	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	2	2
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	24	24
78300100	PAVEMENT MARKING REMOVAL	SQ FT	500	500
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1
Z0001905	STRUCTURAL STEEL REPAIR	POUND	58,570	58,570
Z0007112	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	LSUM	1	1
φ Z0076600	TRAINEES	Hour	1000	1000
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	LSUM	1	1
φ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1000	1000
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1

φ 0042

FILE NAME :	USER NAME : sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084804\INTEG\Illinois.gov\PM\DOT\Documents\DOT Offices\Districts 6\Projects\0672265\0672265-01-500.dwg	06/17/2015	CHECKED -	REVISED -		63	(12B)-7	ADAMS	45	3				
PLOT SCALE = 100.0000' / 1"		DATE -	REVISED -		CONTRACT NO. 72H65								
Default					SCALE:	SHEET	OF	SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			

GENERAL NOTES

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

Fasteners shall be high strength bolts. Bolts $7/8"$ ϕ , open holes $15/16"$ ϕ , unless otherwise noted.

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.

Finger Plate Expansion Joints shall be assembled in their final relative position with the ends in place for shop inspection and acceptance.

Tapered shims shall be added under the stools, as required by the Engineer, to make a smooth finger joint. Cost shall be included with Finger Plate Expansion Joint.

The finger plates shall be flame cut as provided in Article 505.04(k) of the Standard Specifications.

Cost of removal and re-installation of all members necessary to complete the work as detailed on the plans and as specified in the Special Provisions shall be included with Furnishing and Erecting Structural Steel.

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

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the GBSP "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

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.

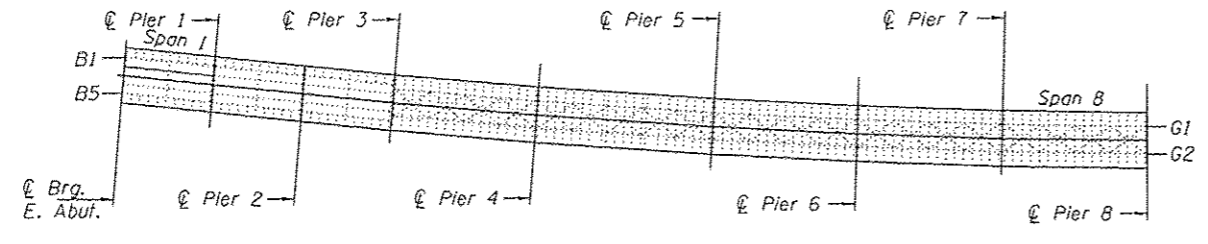
All new structural steel shall be shop painted with the inorganic zinc rich primer per AASHTO M300, Type 1. Cost included with Structural Steel Repair.

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.

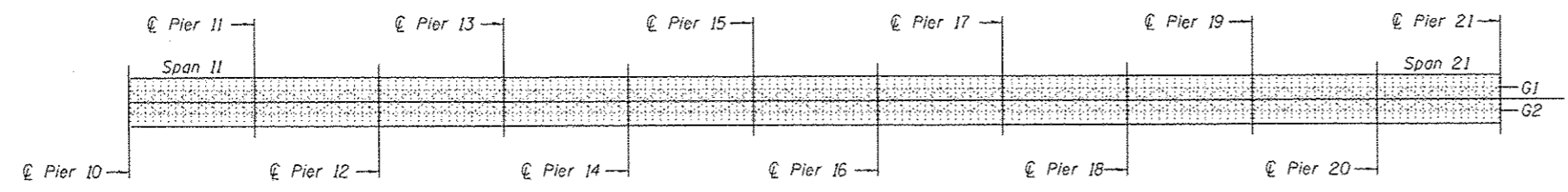
The contractor shall ensure that no damage is done to any material that is to remain. Any damage is to be repaired, at the cost of the contractor, to the satisfaction of the engineer.

Cleaning and painting of the existing structural steel near joints at Piers 8 & 10 shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All beams, bearings and other structural steel within 5 ft (measured along the beam) of either side of deck joints shall be cleaned per Near White Blast Cleaning - SSPC-SP10. The exterior surfaces and bottom of the bottom flange of the fascia beams shall be cleaned per Commercial Grade Power Tool Cleaning - SSPC-SP15.

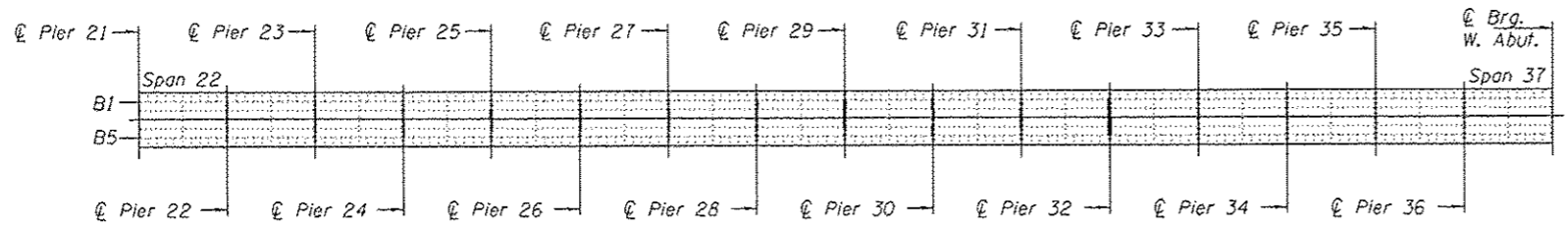
The designated areas cleaned per Near White Blast Cleaning and per Commercial Grade Power Tool Cleaning shall be painted according to the requirements of Paint System 1 - OZ/E/U. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Blue, Munsell No. 10 3/6.



PLAN EAST APPROACH
(Spans 1-8)



PLAN WEST APPROACH
(Spans 11-21)



PLAN WEST APPROACH
(Spans 22-37)



EXPIRES 11-30-2016

DESIGNED VHV	DATE OCTOBER 1, 2015
CHECKED DAB	REVISED
DRAWN baliva	REVISED
CHECKED VHV DAB	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

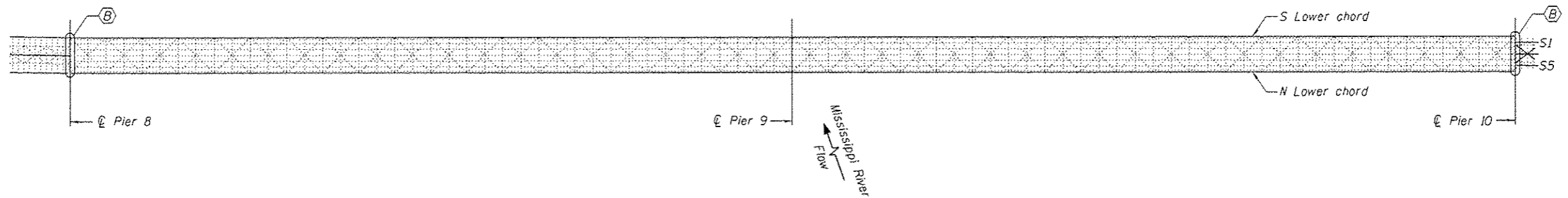
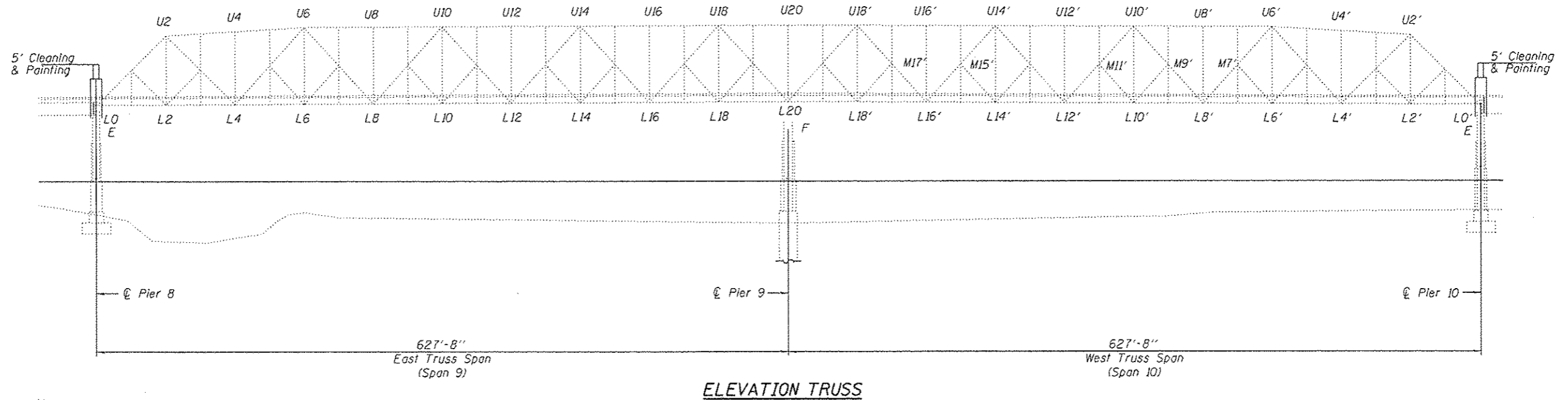
PLAN APPROACH SPANS
FAP 63 (US 24) OVER THE MISSISSIPPI RIVER
SN 001-0019
SHEET NO. 1 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	112B1-1	ADAMS	45	4
CONTRACT NO. T2H65			ILLINOIS FED. AID PROJECT	

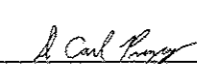
BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	10.7
Concrete Superstructure	Cu. Yd.	10.7
Protective Shield	Sq. Yd.	66
Structural Steel Repair	Pound	58570
Fabric Reinforced Elastomeric Trough	Foot	50
Finger Plate Expansion Joint	Foot	50
Reinforcement Bars, Epoxy Coated	Pound	2350
Anchor Bolts, 1"	Each	17
Cleaning and Painting Steel Bridge	LS	1
Containment and Disposal of Lead Paint Cleaning Residues	LS	1

* For limits, see sheet 10 of 24



DESIGNED *VHV*
 CHECKED *DAB*
 DRAWN *Summer/baliva*
 CHECKED *VHV DAB*

PASSED

 ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE *OCTOBER 1, 2015*
 REVISED
 REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND ELEVATION TRUSS SPANS
 FAP 63 (US 24) OVER THE MISSISSIPPI RIVER
 SN 001-0019
 SHEET NO. 2 OF 24 SHEETS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	112B1-1	ADAMS	45	5
			CONTRACT NO. 72H65	
ILLINOIS FED. AID PROJECT				

FLOORBEAM REPAIRS

(Spans 4-8 & 11-21)

Item No.	Location	Sheet No.
156	Span 5, Floorbeam 5. Strengthen floorbeam.	6
160	Span 5, Floorbeam 13B. Strengthen floorbeam.	6
138	Span 5, Floorbeam 9A. Strengthen floorbeam.	6
431	Span 6, Floorbeam 11. Strengthen floorbeam.	5
650	Span 12, Floorbeam 6. Repair broken weld to G2.	8
389	Span 13, Floorbeam 2. Repair broken weld to G2.	8
465	Span 14 Floorbeam 13. Strengthen floorbeam.	5
470	Span 15, Floorbeam 11. Strengthen floorbeam.	5
475	Span 17, Floorbeam 7. Strengthen floorbeam.	5
482	Span 18, Floorbeam 7. Strengthen floorbeam.	5
483	Span 18, Floorbeam 9. Strengthen floorbeam.	5
484	Span 18, Floorbeam 15. Strengthen floorbeam.	5
293	Span 20, Floorbeam 17. Repair broken weld to G2.	8
662	Span 21, Floorbeam 1. Repair broken weld to G2.	8
692	Span 21, Floorbeam 17. Repair broken weld to G1.	8

FLOORBEAM REPAIRS

(Spans 9 & 10)

Item No.	Location	Sheet No.
217	Span 9, Floorbeam 16. Strengthen floorbeam.	8
55	Span 10, Floorbeam 2'. Strengthen floorbeam.	8
47	Span 10, Floorbeam 14' at L14'N & L14'S. Strengthen floorbeam.	8

GIRDER STRENGTHENING

(Spans 4-8 & 11-21)

Repair	Location	Sheet No.
A	All spans. Install additional stiffeners at end of girders G1 and G2.	7
Item No.	Location	
292	Span 20, Floorbeam 5 at Girder G2, Panel 5. Replace lateral bracing connecting plate.	7

DIAPHRAGM REPLACEMENT

(Spans 22-37)

Item No.	Location	Sheet No.
667	Replace Diaphragm on Span 23 at Pier 22 between Beams B1 and B2.	8
699	Replace Diaphragm on Span 24 at Pier 23 between Beams B3 and B4.	8
497	Replace Diaphragm on Span 25 at Pier 24 between Beams B3 and B4 & B4 and B5.	8
498	Replace Diaphragm on Span 25 at Pier 25 between Beams B2 and B3.	8
703	Replace Diaphragm on Span 26 at Pier 25 between Beams B3 and B4.	8
502	Replace Diaphragm on Span 27 at Pier 26 between Beams B2 and B3.	8
503	Replace Diaphragm on Span 27 at Pier 26 between Beams B3 and B4.	8
505	Replace Diaphragm on Span 28 at Pier 27 between Beams B2 and B3 & B3 and B4.	8
670	Replace Diaphragm on Span 29 at Pier 28 between Beams B1 and B2.	8
706	Replace Diaphragm on Span 29 at Pier 29 between Beams B1 and B2, B2 and B3, B3 and B4.	8
507	Replace Diaphragm on Span 30 at Pier 29 between Beams B1 and B12.	8
707	Replace Diaphragm on Span 30 at Pier 30 between Beams B1 and B2, B4 and B5.	8
509	Replace Diaphragm on Span 31 at Pier 30 between Beams B2 and B3.	8
510	Replace Diaphragm on Span 31 at Pier 31 between Beams B2 and B3.	8
511	Replace Diaphragm on Span 31 at Pier 31 between Beams B3 and B4.	8
513	Replace Diaphragm on Span 32 at Pier 32 between Beams B1 and B2, B2 and B3, B3 and B4, B4 and B5.	8
708	Replace Diaphragm on Span 33 at Pier 32 between Beams B3 and B4, B4 and B5.	8
516	Replace Diaphragm on Span 33 at Pier 33 between Beams B3 and B4.	8

JOINT REPLACEMENT

(Spans 9 & 10)

Repair	Location	Sheet No.
B	Install new Finger Plate joints at Piers 8 and 10.	9-12

GUSSET PLATE REPAIRS

(Spans 9 & 10)

Item No.	Location	Sheet No.
544	Span 9, Panel Point L1S. Strengthen inside gusset plate.	13
556	Span 9, Panel Point L5S. Strengthen inside gusset plate.	13
557	Span 9, Panel Point L5N. Strengthen outside gusset plate.	13
215	Span 9, Panel Point L16S. Strengthen outside gusset plate.	13
216	Span 9, Panel Point L16S. Strengthen inside gusset plate.	13
218	Span 9, Panel Point L16N. Strengthen inside gusset plate.	13
219	Span 9, Panel Point L16N. Strengthen outside gusset plate.	13
239	Span 10, Panel Point L16'S. Strengthen outside gusset plate.	13
240	Span 10, Panel Point L16'S. Strengthen inside gusset plate.	13
241	Span 10, Panel Point L16'N. Strengthen outside gusset plate.	13
242	Span 10, Panel Point L16'N. Strengthen inside gusset plate.	13
255	Span 10, Panel Point L12'N. Strengthen inside gusset plate.	13
254	Span 10, Panel Point L12'S. Strengthen outside gusset plate.	13
373	Span 10 at M5'S offset inside gusset plate. See Note E.	17

NOTE:

All Item Nos. are based on the 2015 NBIS Inspection Report.

ANCHOR BOLT REPAIRS

(See Notes)

Item No.	Location
425	Span 2, Pier 1, Beam 5. Tighten 1 anchor bolt nut.
428	Span 5, Pier 4, Girder G1. Tighten 3 anchor bolt nuts.
315	Span 7, Pier 6, Girder G2. Replace 1 anchor bolt.
536	Span 7, Pier 7, Girders G1 and G2. replace 8 anchor bolts.
14	Span 8, Pier 7, Girder G1. Tighten 2 anchor bolt nuts.
165	Span 8, Pier 8, Girders G1 and G2. Replace 8 anchor bolts.
406	Span 21, Pier 21, Girder G2. Tighten 1 anchor bolt nut.

ANCHOR BOLT REPAIR NOTES:

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

TRUSS REPAIRS

(Spans 9 & 10)

Item No.	Location	Sheet No.
677	Span 9 at LOS. Catwalk inspection platform broken weld. See Note A.	17
104	Span 9, Member L1S-L2S at L1S. Replace diaphragm.	16
567	Span 9, Member L6S-L8S, 5 ft. W and 5 ft. & 15 ft. E of L7S. Reattach 3 loose brackets.	17
333	Span 9, Member M7S-L8S at L8S. Strengthen member.	16
573	Span 9, Member M9N-L8N at L8N. Strengthen member.	16
26	Span 9, Panel Point 9. Bent sway bracing. See note B.	17
197	Span 9, Member L9N-L10S at L10S, Panel 10. Repair lateral brace.	16
214	Span 9, Member L15N-L16N. Repair lower chord.	14
109	Span 9, Member L15S-L16S. Repair lower chord.	14
592	Span 9, Member L15S-L16N at L16N. Repair lateral brace.	15
344	Span 9, Member L16N-M17N at L16N. Replace stay plate.	15
347	Span 9, Member L18S-L19S at L19S. Replace stay plate.	15
607	Span 9, Member L19N-L20N at L20N. Replace diaphragm.	14
606	Span 9, Member M19S-L20S, 6 ft. from L20S. Replace diaphragm.	15
144	Span 9, Member L19S-L20S at L20S. Replace stay plate.	15
608	Span 9, Member L20S-U20S, 6 ft. from L20S. Replace diaphragm.	15
611	Span 9, Pier 9, North end. Repair access ladder. See note D.	18
612	Span 9, Pier 9, South end. Repair access ladder. See note D.	18
616	Span 10, Pier 9 at L20S. Realign pin spacer. See Note E.	18
615	Span 10, Member L20S-L19'S at L20S. Replace first lattice from L20S.	14
630	Span 10, Member L11'S-L10'S at L11'S. Replace stay plate.	16
373	Span 10, Member M5'S-U6'S at M5'S. Repair gusset plate. See note C.	17

DESIGNED VHV
 CHECKED DAB
 DRAWN baliva
 CHECKED VHV DAB

DATE OCTOBER 1, 2015
 PASSED *A. Carl Perry*
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCOPE OF WORK
 SN 001-0019

SHEET NO. 3 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	1128H-1	ADAMS	43	3
				CONTRACT NO. 72H65
ILLINOIS FED. AID PROJECT				

STRINGER REPAIRS

(Spans 9 & 10)

Item No.	Location	Sheet No.
537 A	Span 9, Stringer 1, Panel 1. Strengthen stringer.	19
537 B	Span 9, Stringer 1, Panel 2. Strengthen stringer.	19
537 C	Span 9, Stringer 1, Panel 2. Strengthen stringer.	19
537 D	Span 9, Stringer 5, Panel 3. Strengthen stringer.	19
537 E	Span 9, Stringer 1, Panel 3. Strengthen stringer.	19
537 F	Span 9, Stringer 1, Panel 4. Strengthen stringer.	19
537 G	Span 9, Stringer 5, Panel 4. Strengthen stringer.	19
537 H	Span 9, Stringer 1, Panel 5. Strengthen stringer.	19
537 I	Span 9, Stringer 5, Panel 5. Strengthen stringer.	19
537 J	Span 9, Stringer 1, Panel 6. Strengthen stringer.	19
537 K	Span 9, Stringer 1, Panel 6. Strengthen stringer.	19
443	Span 9, Stringer 1, Panel 11. Repair cracked connection angle at FB 10.	19
537 L	Span 9, Stringer 1, Panel 10. Strengthen stringer.	19
537 M	Span 9, Stringer 1, Panel 11. Strengthen stringer.	19
537 N	Span 9, Stringer 1, Panel 12. Strengthen stringer.	19
537 O	Span 9, Stringer 5, Panel 12. Strengthen stringer.	19
537 P	Span 9, Stringer 1, Panel 13. Strengthen stringer.	19
537 Q	Span 9, Stringer 5, Panel 13. Strengthen stringer.	19
537 R	Span 9, Stringer 1, Panel 14. Strengthen stringer.	19
537 S	Span 9, Stringer 5, Panel 14. Strengthen stringer.	19
537 T	Span 9, Stringer 1, Panel 15. Strengthen stringer.	19
537 U	Span 9, Stringer 5, Panel 15. Strengthen stringer.	19
537 V	Span 9, Stringer 1, Panel 16. Strengthen stringer.	19
537 W	Span 9, Stringer 5, Panel 16. Strengthen stringer.	19
537 X	Span 9, Stringer 1, Panel 17. Strengthen stringer.	19
537 Y	Span 9, Stringer 1, Panel 18. Strengthen stringer.	19
537 Z	Span 9, Stringer 5, Panel 18. Strengthen stringer.	19
537 AA	Span 9, Stringer 5, Panel 19. Strengthen stringer.	19
537 AB	Span 9, Stringer 1, Panel 20. Strengthen stringer.	19
537 AC	Span 10, Stringer 1, Panel 20. Strengthen stringer.	19
537 AD	Span 10, Stringer 1, Panel 18. Strengthen stringer.	19
537 AE	Span 10, Stringer 5, Panel 17. Strengthen stringer.	19
537 AF	Span 10, Stringer 1, Panel 17. Strengthen stringer.	19
537 AG	Span 10, Stringer 1, Panel 11. Strengthen stringer.	19
537 AH	Span 10, Stringer 1, Panel 10. Strengthen stringer.	19
537 AI	Span 10, Stringer 5, Panel 7. Strengthen stringer.	19
537 AJ	Span 10, Stringer 1, Panel 6. Strengthen stringer.	19
537 AK	Span 10, Stringer 5, Panel 2. Strengthen stringer.	19

FASTENER REPAIRS

Item No.	Location	Total Missing
331	Span 9, Member U7S-U7N at U7S.	12
539	Span 9, Member LOS-UIS at LOS.	1
540	Span 9, Stringer S1 at FB 0, Panel 1.	1
541	Span 9, Stringer S3 at FB 0, Panel 1.	1
542	Span 9, Stringer S4 at FB 0, Panel 1.	1
590	Span 9, Stringer S5. Drain connection on panel 16.	1
629	Span 10, Member L12'N-M11'N at L12'N.	3
634	Span 10, Stringer S1, 2 ft. and 10 ft. from FB 10', Panel 10'.	2
644	Span 10, Stringer S5, 3 ft. from FB 4', Panel 4'.	1
458	Span 11, FB 13 at Girder G2 connection.	4
390	Span 13, FB 3 at Girder G1.	4
282	Span 13, FB 5 at Girders G1 and G2.	3
286	Span 14, FB 7 at Girder G1.	3
718	Span 17, Girder G2 at Pier 16. Flange to sale plate.	2
665	Span 21, North side of Girder G1 at Pier 21.	2
407	Span 22, diaphragm, beam B1 at Pier 21.	1
		2

MISSING GUARDRAIL BOLTS

Actual location & bolt size to be determined in the field. See Detail A.

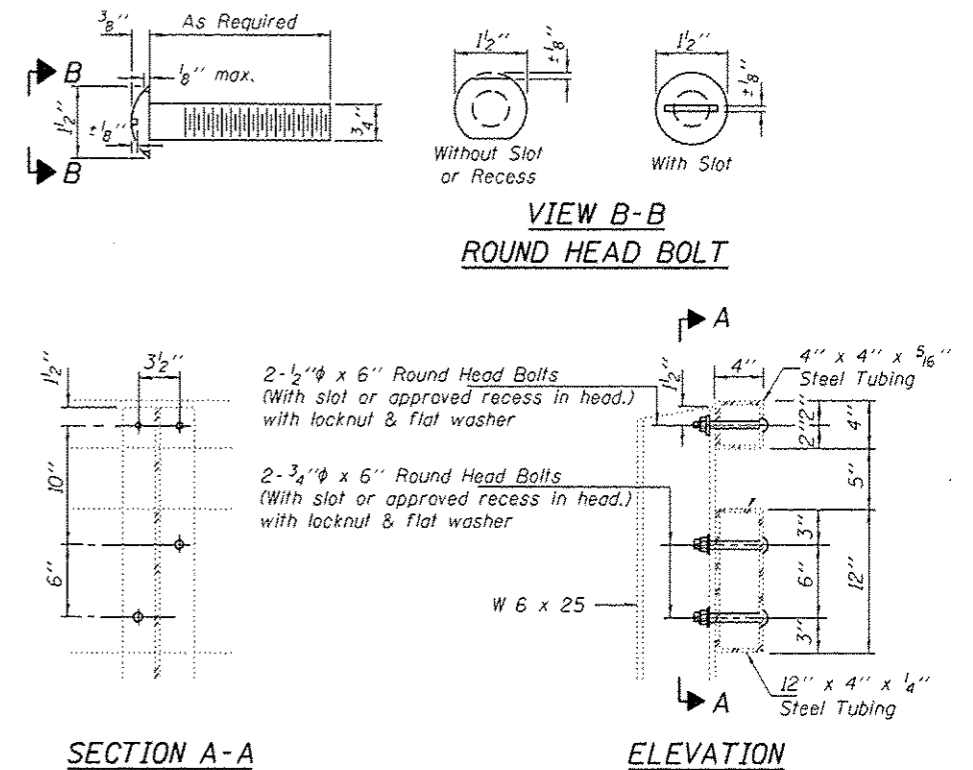
Span	Member	Location	Total Missing
4	S. Rail	17' West of P3.	1
5	S. Rail	18' West of P4.	1
6	S. Rail	40' East of P6.	2
8	S. Rail	1' East of P8.	1
9	N. Rail	10' & 20' West of P.P. 4.	2
9	S. Rail	3' West of P.P. 4.	2
9	N. Rail	9' East of P.P. 5.	1
9	S. Rail	3' East of P.P. 8.	1
9	N. Rail	3' West of P.P. 10.	1
9	S. Rail	3' East of P.P. 11.	1
9	S. Rail	15' East of P.P. 12.	1
9	S. Rail	3' East of P.P. 13.	1
9	S. Rail	10' East of P.P. 15.	2
9	S. Rail	3' East of P.P. 15.	2
10	S. Rail	3' East of P.P. 13'.	2
10	N. Rail	3' West of P.P. 13'.	1
10	S. Rail	4' West of P.P. 13'.	2
10	S. Rail	10' West of P.P. 13'.	2
10	S. Rail	10' West of P.P. 10'.	2
10	S. Rail	3' West of P.P. 9'.	2
10	S. Rail	4' East of P.P. 8'.	1
10	S. Rail	3' East of P.P. 7'.	1
10	S. Rail	3' West of P.P. 7'.	2
10	S. Rail	10' West of P.P. 7'.	2
10	S. Rail	10' West of P.P. 6'.	1
10	S. Rail	3' East of P.P. 5'.	1
10	S. Rail	3' West of P.P. 5'.	2
10	S. Rail	16' East of P.P. 3'.	1
10	S. Rail	10' East of P.P. 3'.	4
10	S. Rail	3' East of P.P. 3'.	1
10	S. Rail	3' West of P.P. 1'.	1
11	N. Rail	3' West of P10.	2
14	S. Rail	32' West of P13.	1
14	N. Rail	42' East of P14.	2
16	S. Rail	21' East of P16.	1
16	N. Rail	10' East of P16.	1
16	N. Rail	2' East of P16.	2
17	N. Rail	2' West of P16.	2
19	S. Rail	45' East of P19.	1
19	S. Rail	15' East of P19.	1
20	S. Rail	30' West of P19.	1
25	S. Rail	3' West of P24.	1
26	S. Rail	10' East of P27.	2
27	S. Rail	10' East of P28.	1
31	S. Rail	19' East of P31.	1
31	S. Rail	3' East of P31.	2
32	S. Rail	3' West of P31.	2
32	S. Rail	10' West of P31.	2
32	S. Rail	19' East of P32.	1
32	S. Rail	3' West of P32.	1
36	N. Rail	10' West of P35.	2
37	S. Rail	17' East of West Abut.	3

NOTE:
All Item Nos. are based on the 2015 NBIS Inspection Report.

BEAM REPAIRS

(Spans 1-3 & 22-37)

Item No.	Location	Sheet No.
426	Span 2, Beam B1. Strengthen beam.	20
495	Span 22, Beam B1. Strengthen beam.	24
408	Span 23, Beam B1. Strengthen beam.	21
150	Span 24, Beam B1. Strengthen beam end.	22
409	Span 24, Beam B1. Strengthen beam.	21
411	Span 25, Beam B1. Strengthen beam.	21
297	Span 26, Beam B5. Strengthen beam.	22
499	Span 26, Beam B1. Strengthen beam.	20
504	Span 27, Beam B1. Strengthen beam.	24
414	Span 28, Beam B1. Strengthen beam.	23
417	Span 29, Beam B1. Strengthen beam.	23
418	Span 29, Beam B1. Strengthen beam.	24
720	Span 29, Beam B5. Strengthen beam.	20
419	Span 30, Beam B1. Strengthen beam.	24
99	Span 31, Beam B1. Strengthen beam.	22
420	Span 31, Beam B5. Strengthen beam.	20
301	Span 32, Beam B1. Strengthen beam.	20
302	Span 32, Beam B5. Strengthen beam.	22
514	Span 33, Beam B1. Strengthen beam.	23
515	Span 33, Beam B5. Strengthen beam.	22
421	Span 34, Beam B1. Strengthen beam.	24
422	Span 34, Beam B5. Strengthen beam.	23
303	Span 35, Beam B1. Strengthen beam.	23
304	Span 35, Beam B5. Strengthen beam.	20
305	Span 36, Beam B5. Strengthen beam.	24
306	Span 37, Beam B5. Strengthen beam.	20



DETAIL A
Bolts and nuts shall conform to the requirements of ASTM designation A 307.
All bolts, nuts, washers and lock washers shall be galvanized according to AASHTO M 232.

DESIGNED VHV
CHECKED DAB
DRAWN balva
CHECKED VHV DAB

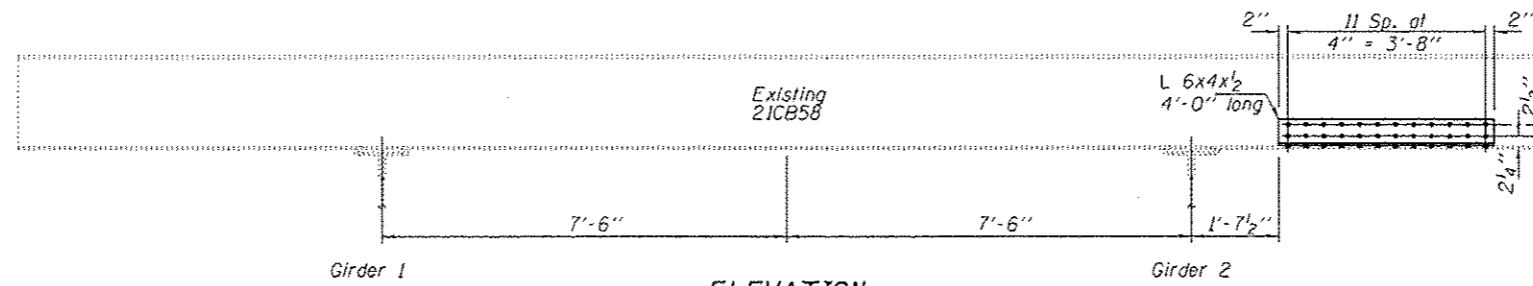
DATE OCTOBER 1, 2015
PASSED
ACTING ENGINEER OF BRIDGES AND STRUCTURES
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

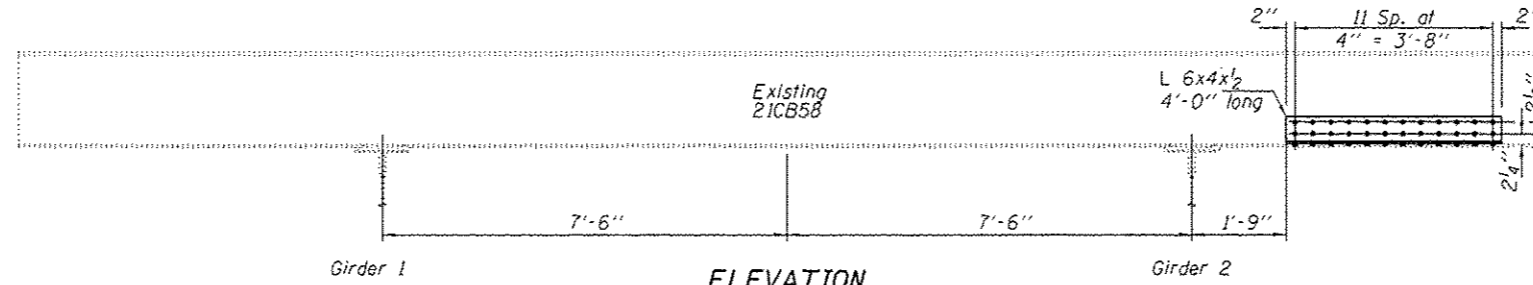
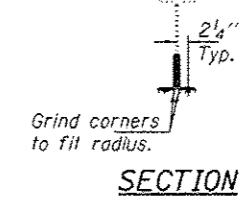
SCOPE OF WORK
SN 001-0019

SHEET NO. 4 OF 24 SHEETS

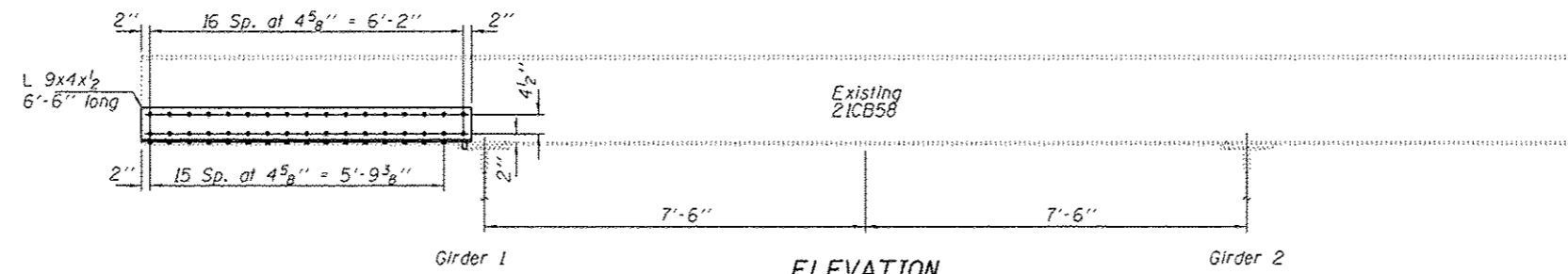
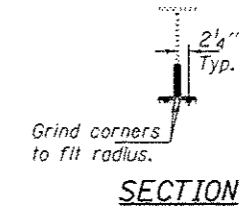
F.A.P. RTE. 63
SECTION I12B1-1
COUNTY ADAMS
TOTAL SHEETS 45
SHEET NO. 7
CONTRACT NO. T2H65
ILLINOIS FED. AID PROJECT



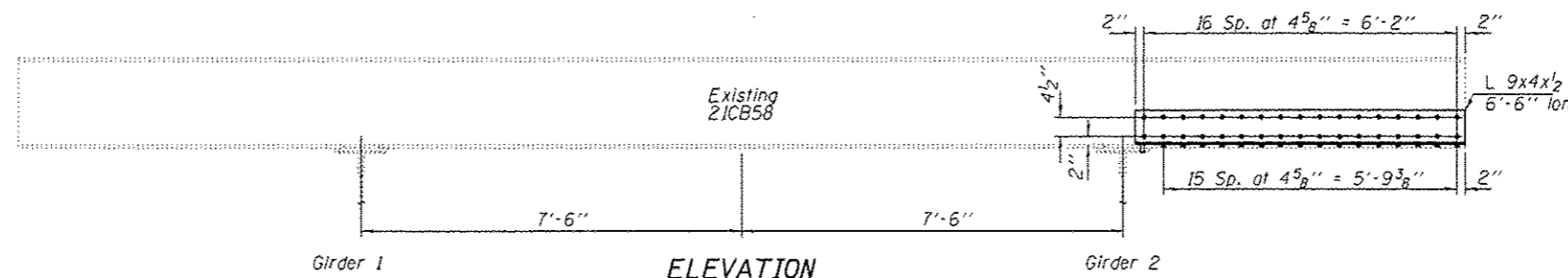
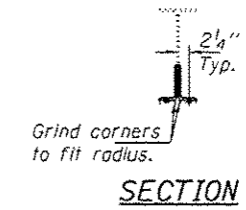
ELEVATION
Looking West
ITEM 431
Span 6, FB 11



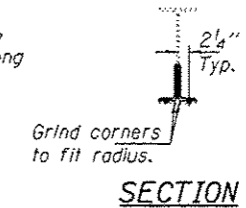
ELEVATION
Looking West
ITEM 465
Span 14, FB 13
ITEM 470
Span 15, FB 11



ELEVATION
Looking West
ITEM 465
Span 17, FB 7



ELEVATION
Looking West
ITEM 482
Span 18, FB 7
ITEM 483
Span 18, FB 9
ITEM 484
Span 18, FB 15



For Partial Framing Plan, see sheet 8 of 24.

BOLT HOLE LEGEND

- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	1710

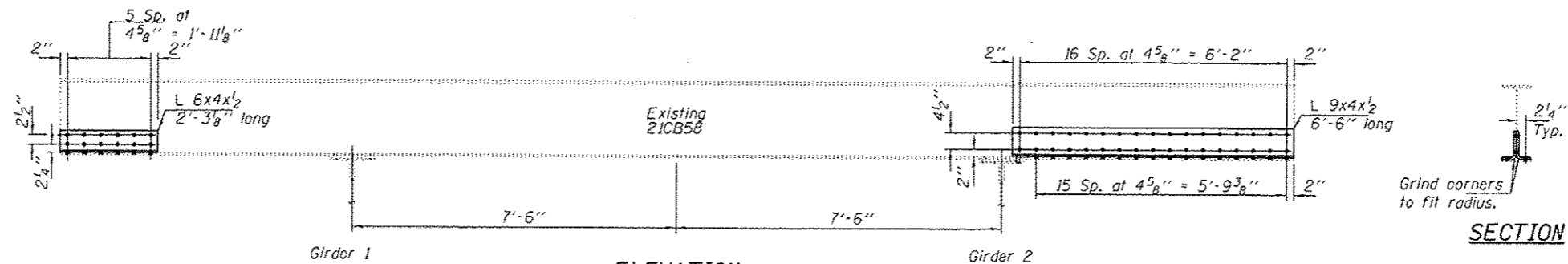
DESIGNED *VHV*
CHECKED *DAB*
DRAWN *baliva*
CHECKED *VHV DAB*

DATE OCTOBER 1, 2015
PASSED *[Signature]*
ACTING ENGINEER OF BRIDGES AND STRUCTURES
REVISED
REVISED

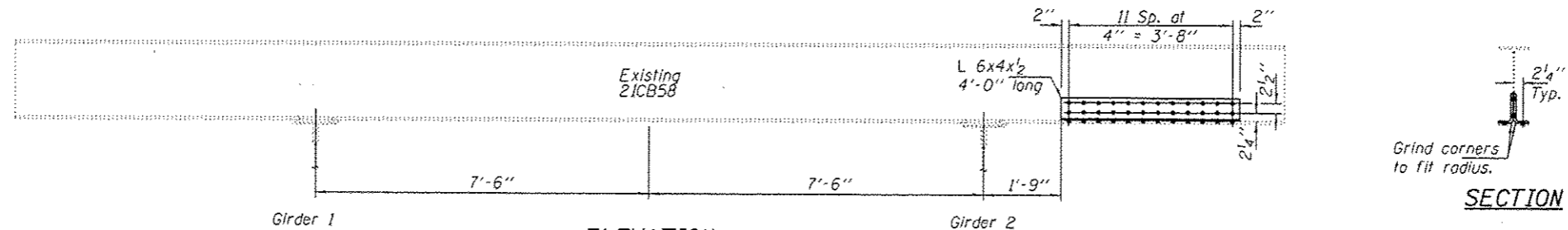
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FLOORBEAM REPAIR DETAILS SPANS 4-8 & 11-21
SN 001-0019
SHEET NO. 5 OF 24 SHEETS

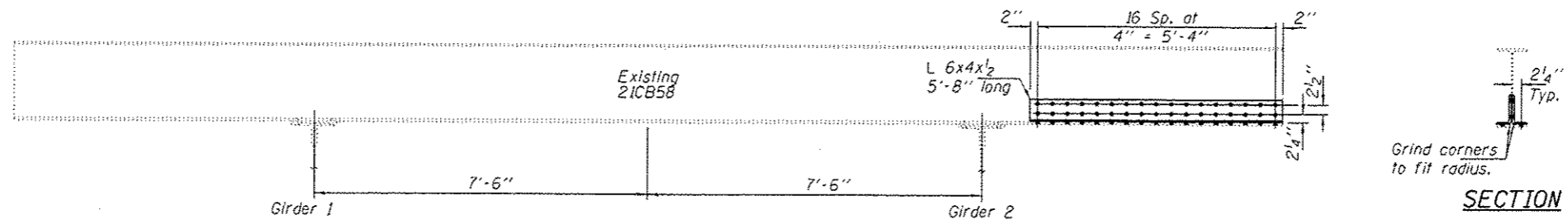
F.A.P. RTE. 63 SECTION 112B1-T COUNTY ADAMS TOTAL SHEETS 45 SHEET NO. 8 CONTRACT NO. 72H65 ILLINOIS FED. AID PROJECT



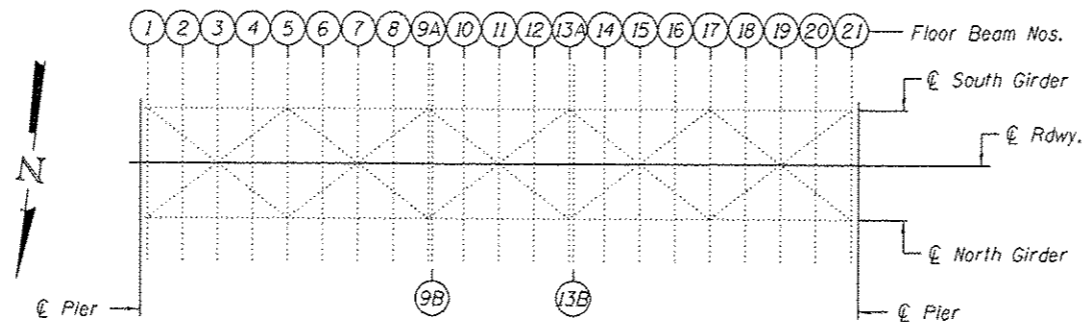
ELEVATION
Looking West
ITEM 138
Span 5, FB 9A



ELEVATION
Looking West
ITEM 156
Span 5, FB 5



ELEVATION
Looking West
ITEM 160
Span 5, FB 13B



PARTIAL FRAMING PLAN
APPROACH SPAN 5

BOLT HOLE LEGEND

- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	680

DESIGNED *VHV*
CHECKED *DAB*
DRAWN *baliva*
CHECKED *VHV DAB*

DATE OCTOBER 1, 2015
PASSED *[Signature]*
ACTING ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FLOORBEAM REPAIR DETAILS SPAN 5
SN 001-0019

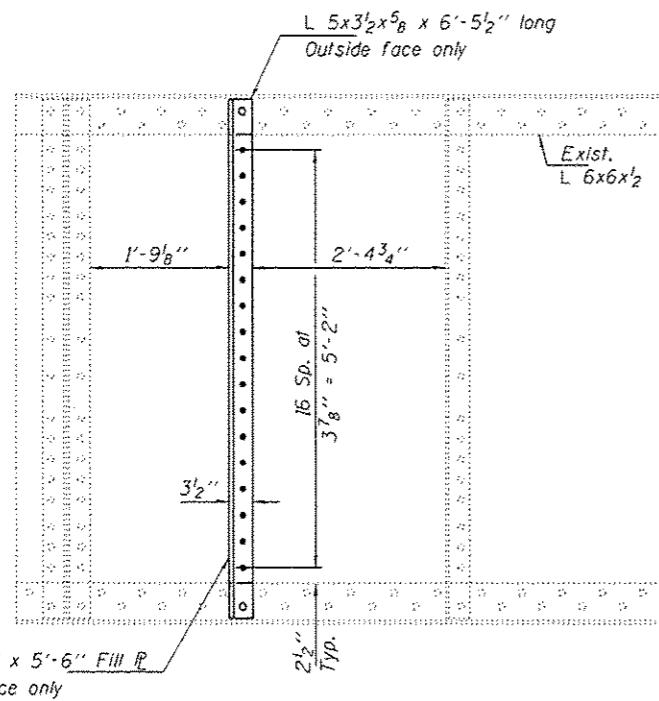
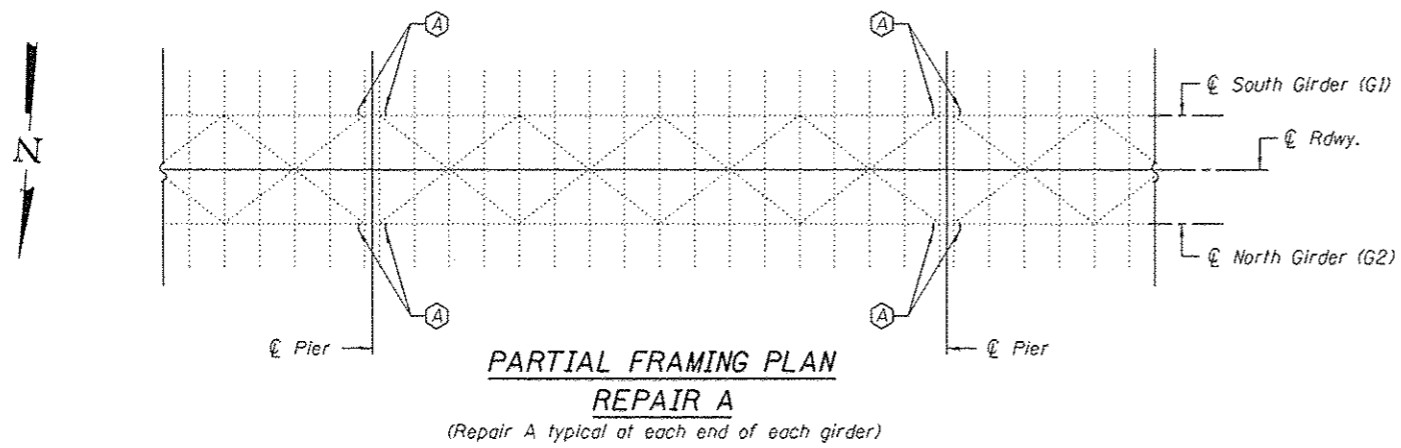
SHEET NO. 6 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	11281-1	ADAMS	45	9

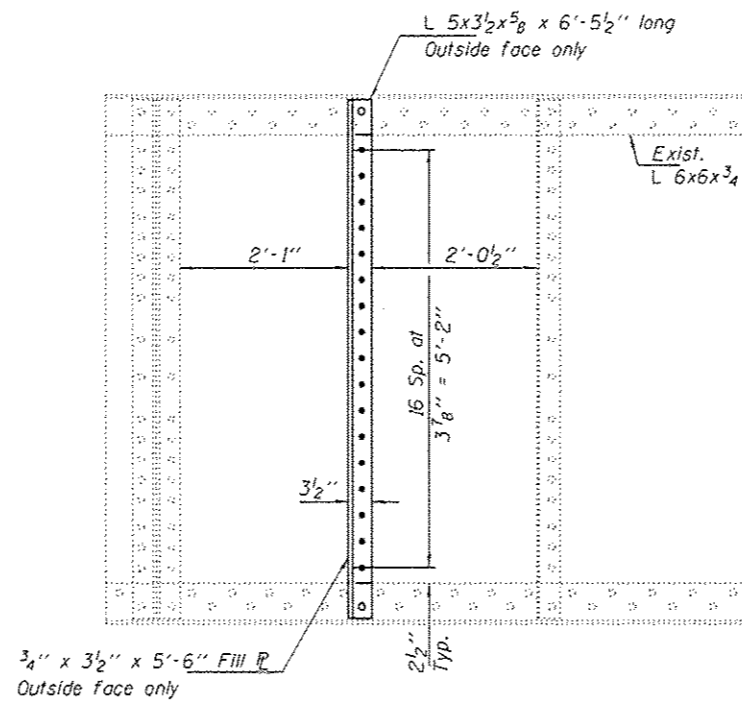
CONTRACT NO. T2H65
ILLINOIS FED. AID PROJECT

BOLT HOLE LEGEND

- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.



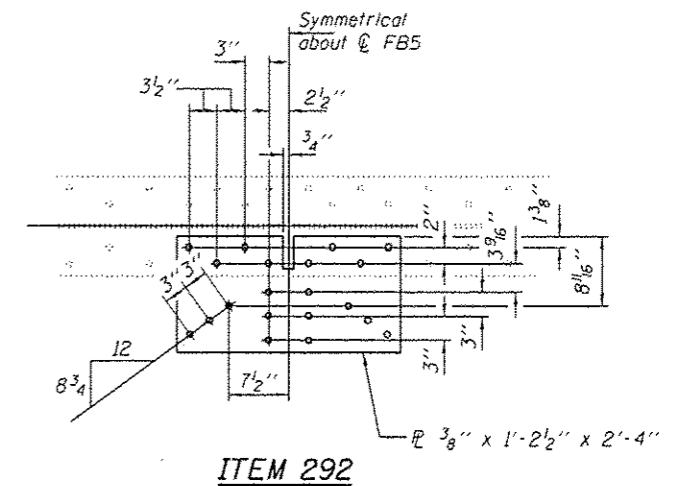
END ELEVATION
AT SPANS 4, 6 THRU 8 & 11 THRU 21
 (Symmetrical about \bar{C} span)
 (60 Required)



END ELEVATION AT SPAN 5
 (Symmetrical about \bar{C} span)
 (4 Required)

REPAIR A

Fasteners shall be high strength bolts. Bolts $3/4"$ ϕ , open holes $13/16"$ ϕ , unless otherwise noted.



BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	9800

DESIGNED VHV
 CHECKED DAB
 DRAWN baliva
 CHECKED VHV DAB

PASSED

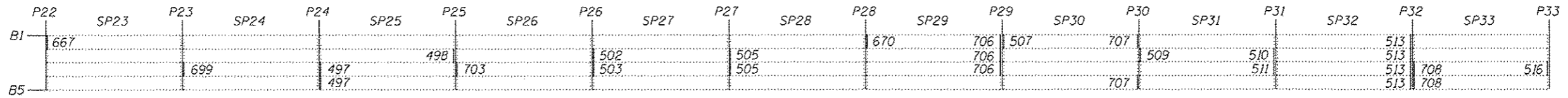
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE OCTOBER 1, 2015
 REVISED
 REVISED

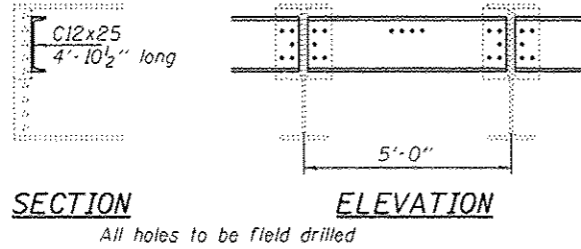
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADDITIONAL STIFFENERS AND REPAIR DETAILS SPANS 4, 6-8 & 11-21
 SN 001-0019
 SHEET NO. 7 OF 24 SHEETS

F.A.P. RTE. 63	SECTION 112B1-1	COUNTY ADAMS	TOTAL SHEETS 45	SHEET NO. 10
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	

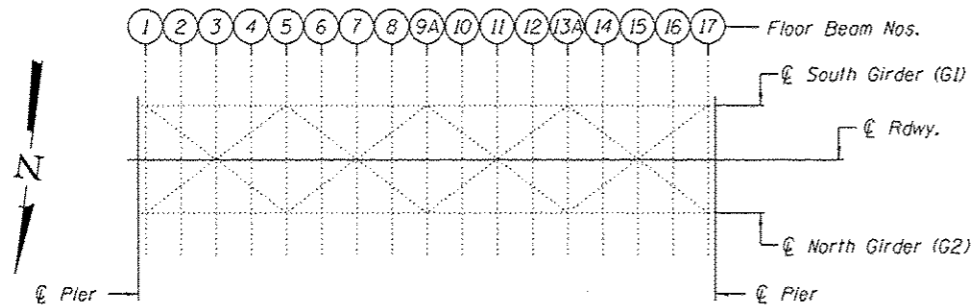


DIAPHRAGM REPLACEMENT PLAN

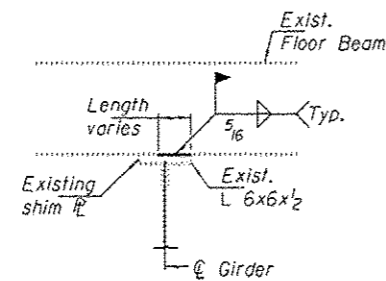


DIAPHRAGM REPLACEMENT

For locations, see Diaphragm Replacement Plan and table on sheet 3 of 24. (27 Required)

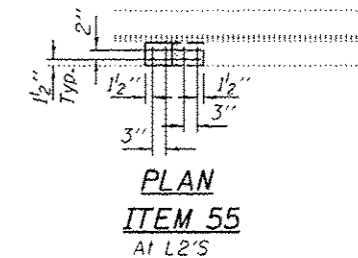
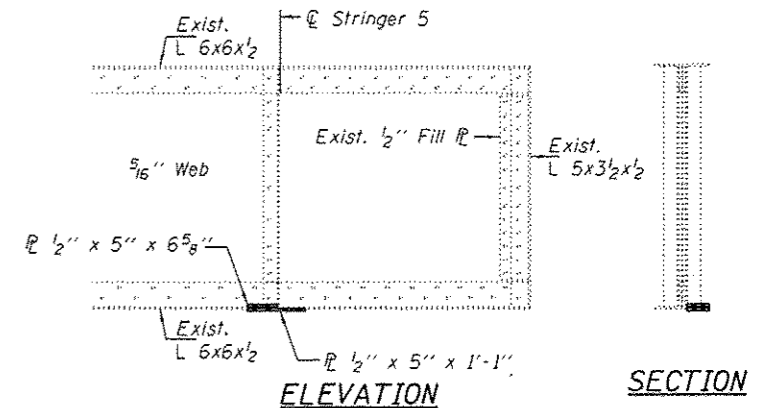
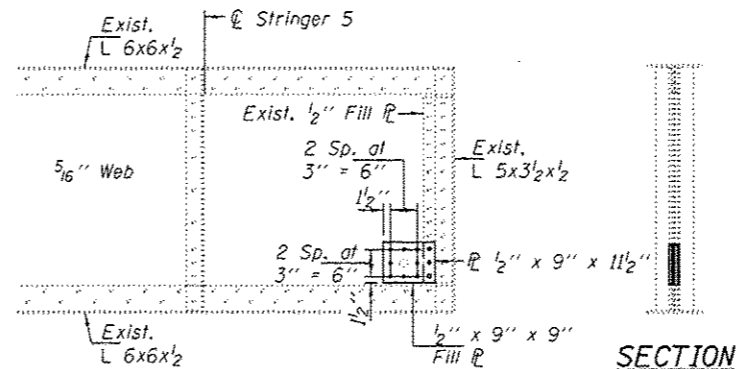
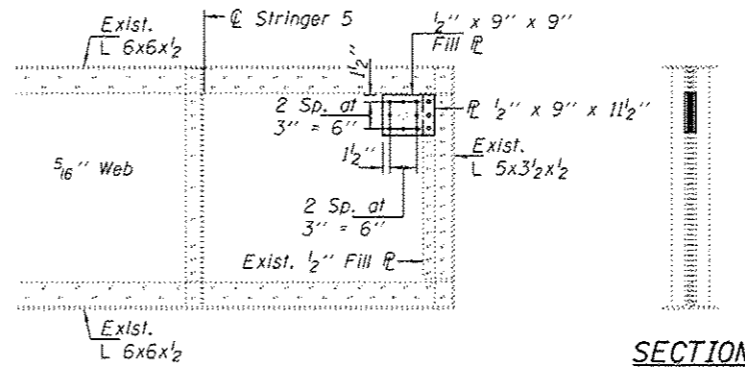
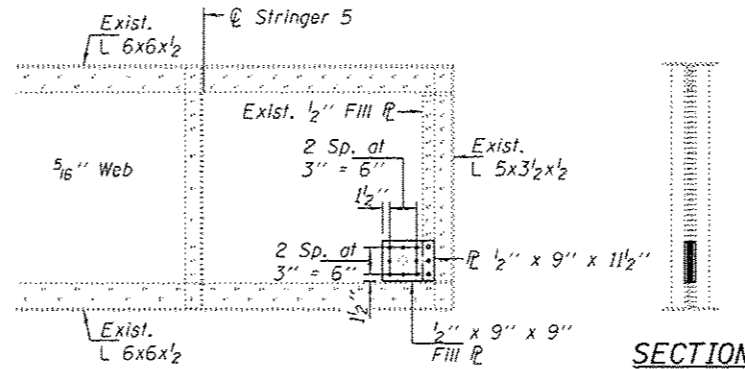


PARTIAL FRAMING PLAN
APPROACH SPANS 4, 6-8 & 11-21



ITEM	SPAN	GIRDER	FLOORBEAM	FLOORBEAM MEMBER SIZE
650	12	2	6	W21x44
389	13	2	2	W21x44
293	20	1 & 2	17	21CB58
662	21	2	1	21CB58
692	21	1	17	21CB58

The Contractor shall grind all cracked welds parallel to the direction of the existing weld and not perpendicular to the weld.



BOLT HOLE LEGEND

- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	3590

DESIGNED VHV
CHECKED DAB
DRAWN baliva
CHECKED VHV DAB

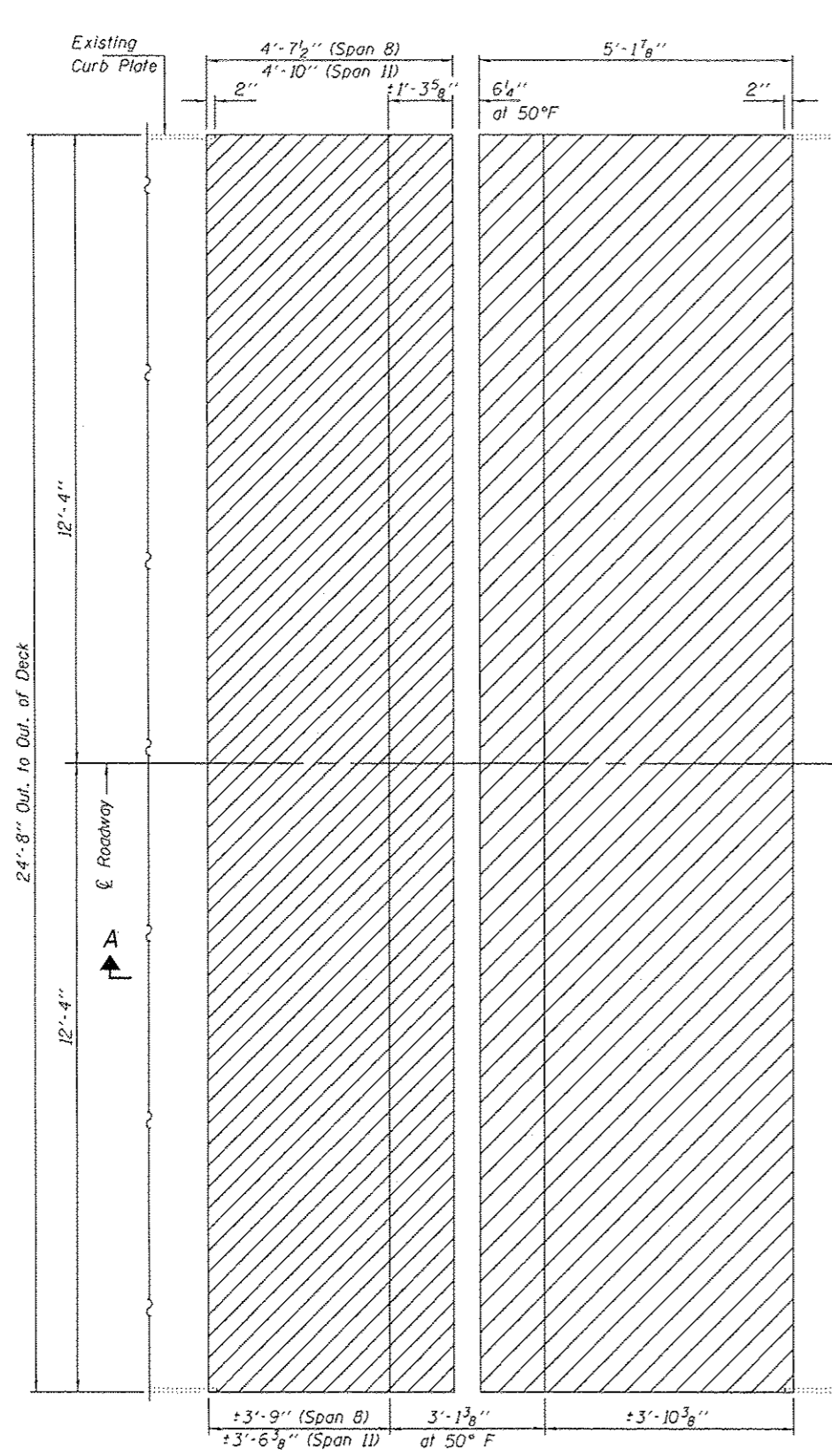
DATE OCTOBER 1, 2015
PASSED
ACTING ENGINEER OF BRIDGES AND STRUCTURES
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM REPLACEMENT AND FLOORBEAM REPAIR DETAILS
001-0019

SHEET NO. 8 OF 24 SHEETS

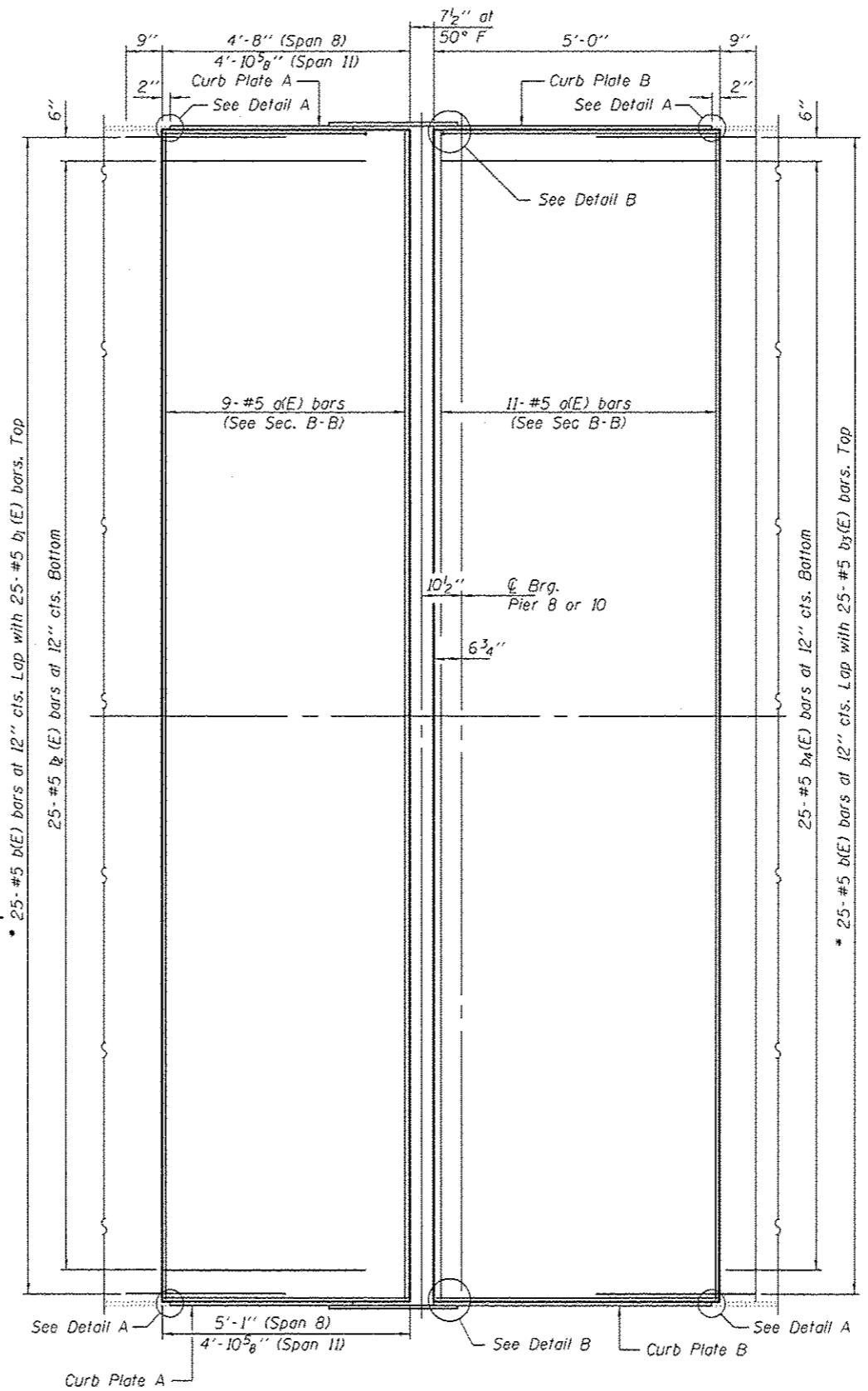
F.A.P. RFE. 63
SECTION 112B1-7
COUNTY ADAMS
TOTAL SHEETS 45
SHEET NO. 11
CONTRACT NO. 72H65
ILLINOISIFIED AID PROJECT



CONCRETE REMOVAL AT PIERS 8 & 10

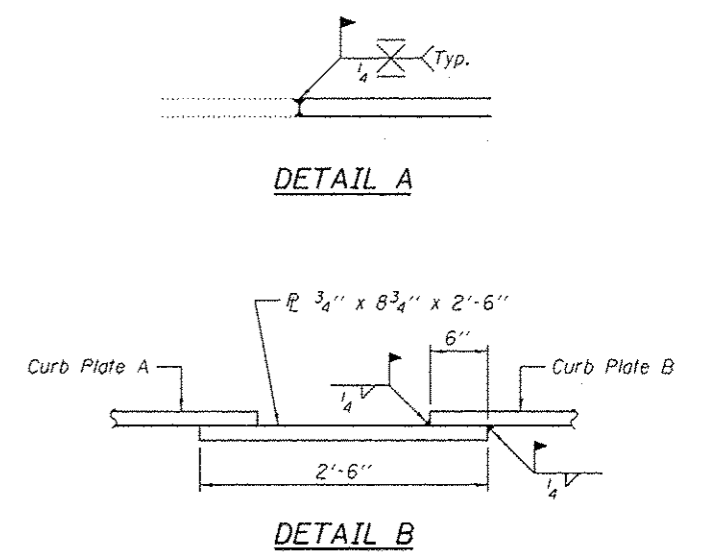
Hatched areas indicate removal.
 Note: If required, the cost of removal and reinstallation of existing rail posts and rail sections and all material necessary is included with Concrete Removal.

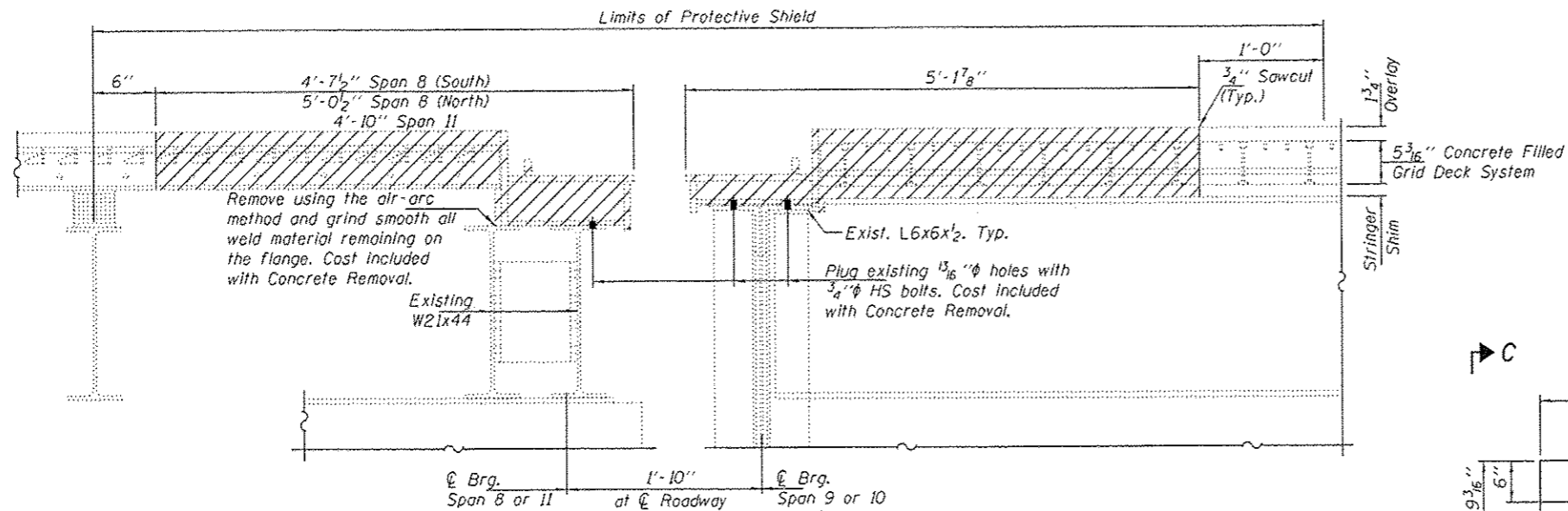
Note: For Sections A-A, B-B & curb plate details, see sheet 10 of 24.



CONCRETE REPLACEMENT AT PIERS 8 & 10

* Epoxy grout b(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.

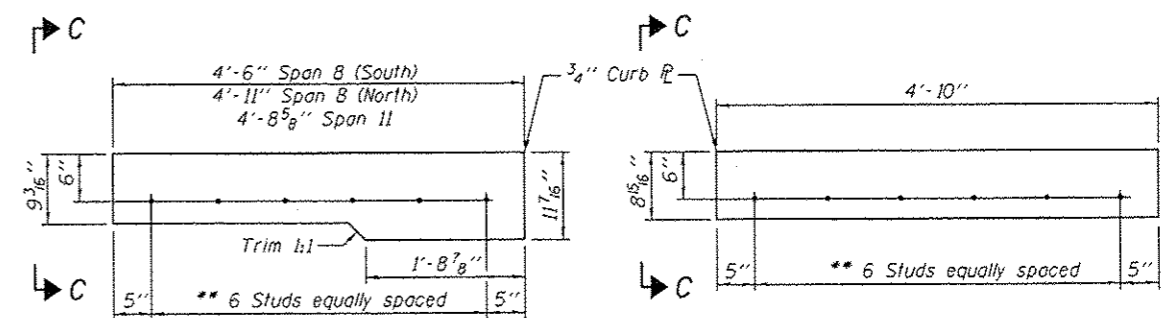




SECTION A-A

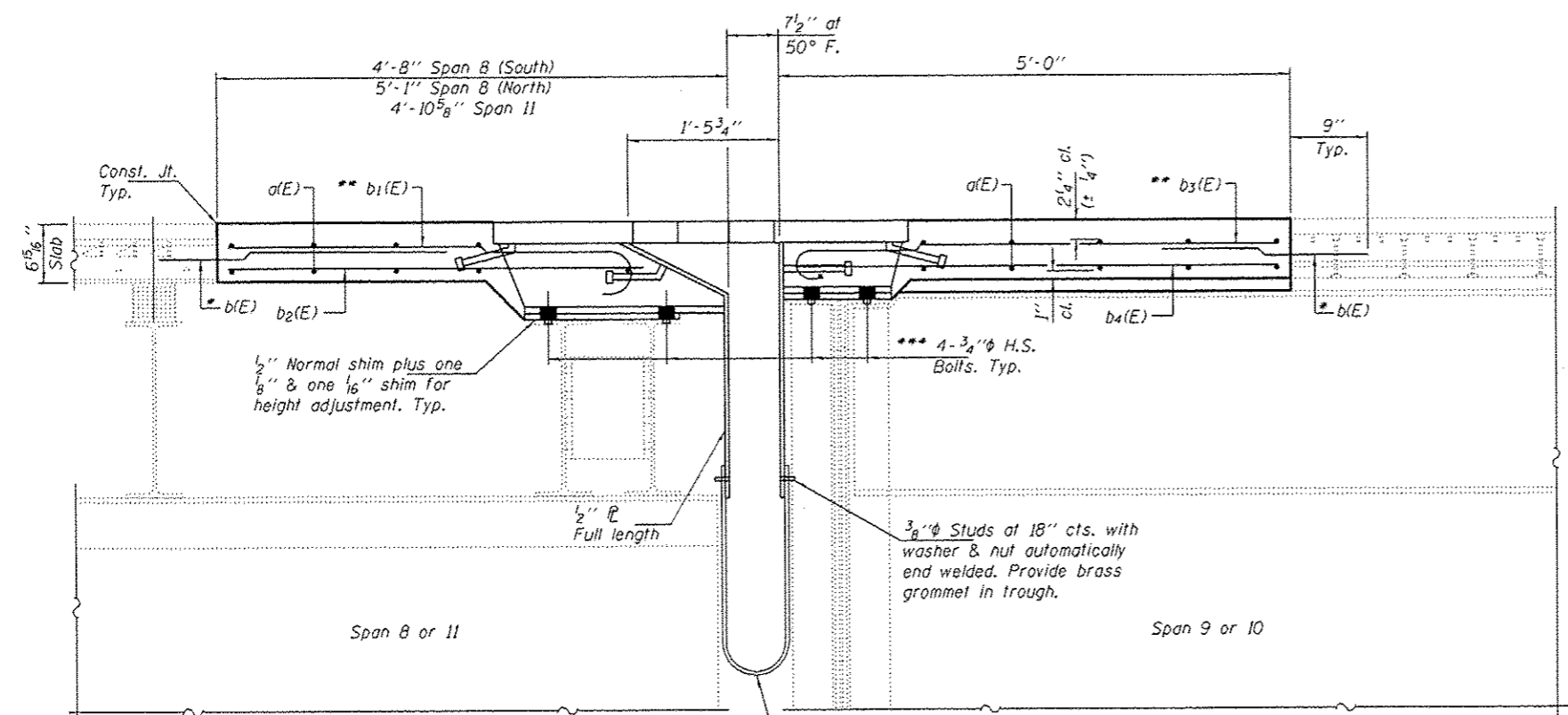
Hatched areas indicate Concrete Removal

Note:
The contractor must ensure that no damage is done to the existing grid to remain and the supporting stringers during removal operations. Any damage shall be repaired, to the satisfaction of the engineer, at the contractor's expense.



CURB PLATE A

CURB PLATE B

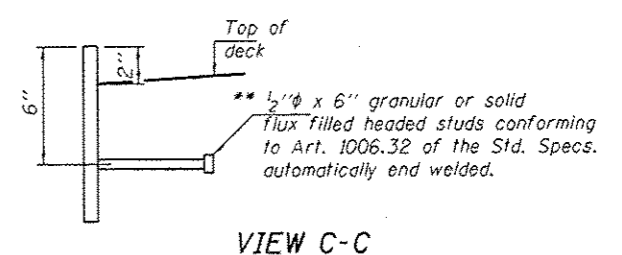


SECTION B-B

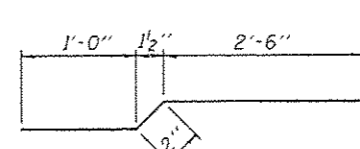
** Tilt hook of b₁(E) & b₃(E) bars if necessary for 1/2" min. cl.

*** With nut & 3" x 3" x 3/8" square washer at each bolt. 2" holes in stool flange. Field drill 7/8" holes in existing beam flanges.

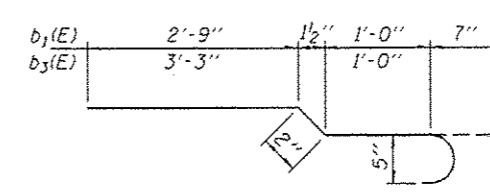
* Epoxy grout b(E) bars in 9" min. holes according to Article 584 of the Standard Specifications.



VIEW C-C



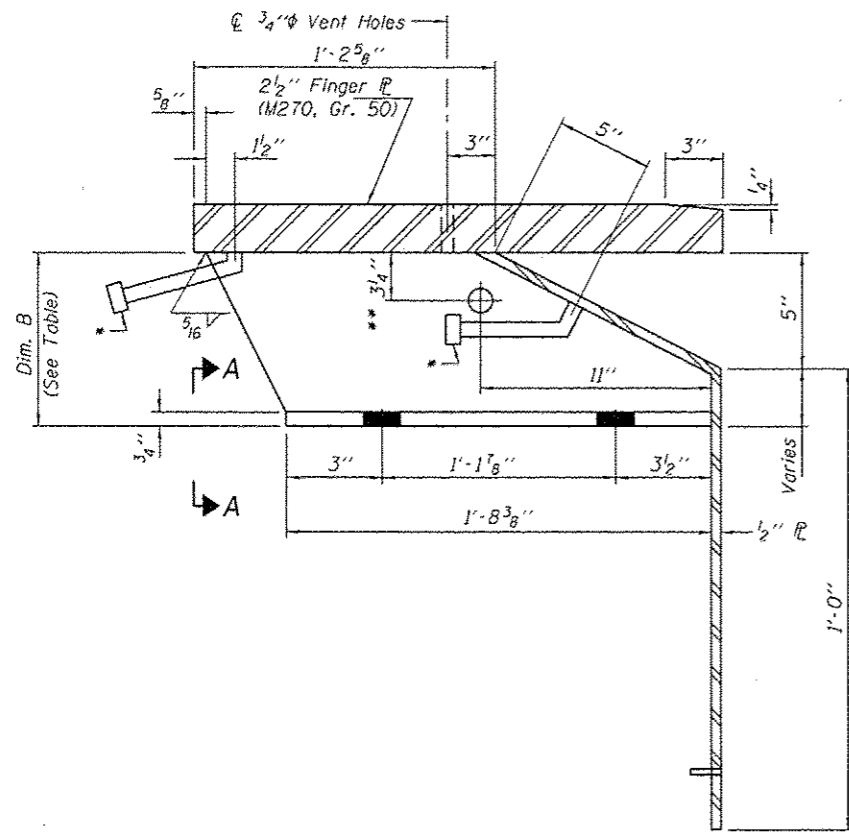
BAR b(E)



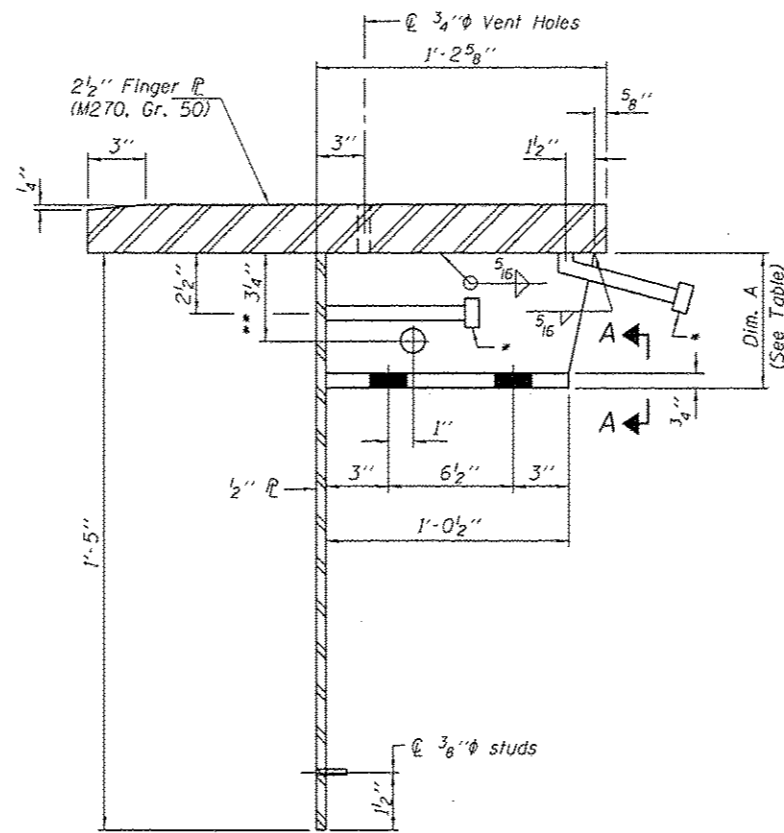
BARS b₁(E) & b₃(E)

BILL OF MATERIAL

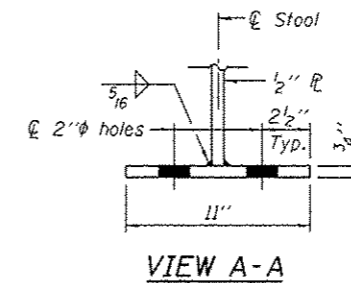
Bar	No.	Size	Length	Shape
a(E)	40	#5	24'-4"	
b(E)	100	#5	3'-8"	
b ₁ (E)	50	#5	4'-6"	
b ₂ (E)	50	#5	4'-0"	
b ₃ (E)	50	#5	5'-0"	
b ₄ (E)	50	#5	4'-8"	
Concrete Removal			Cu. Yd.	10.7
Concrete Superstructure			Cu. Yd.	10.7
Reinforcement Bars, Epoxy Coated			Lbs.	2350



STOOL "B" DETAILS AT PIERS 8 & 10



STOOL "A" DETAILS AT PIERS 8 & 10

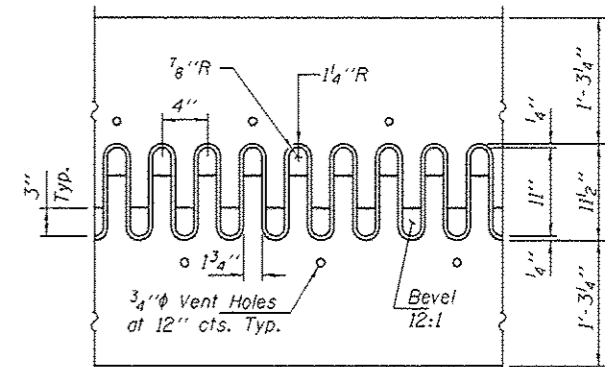


STOOL "A"

Stool No.	Dim. A
A1	4 1/16"
A2	4 3/8"
A3	4 1/2"
A4	5"
A5	5 5/16"
A6	5 5/8"
A7	5 15/16"
A8	6 1/4"

STOOL "B"

Stool No.	Dim. B
B1	6 3/16"
B2	6 7/8"
B3	7 3/16"
B4	7 1/2"
B5	7 13/16"
B6	8 1/8"
B7	8 7/16"
B8	8 3/4"

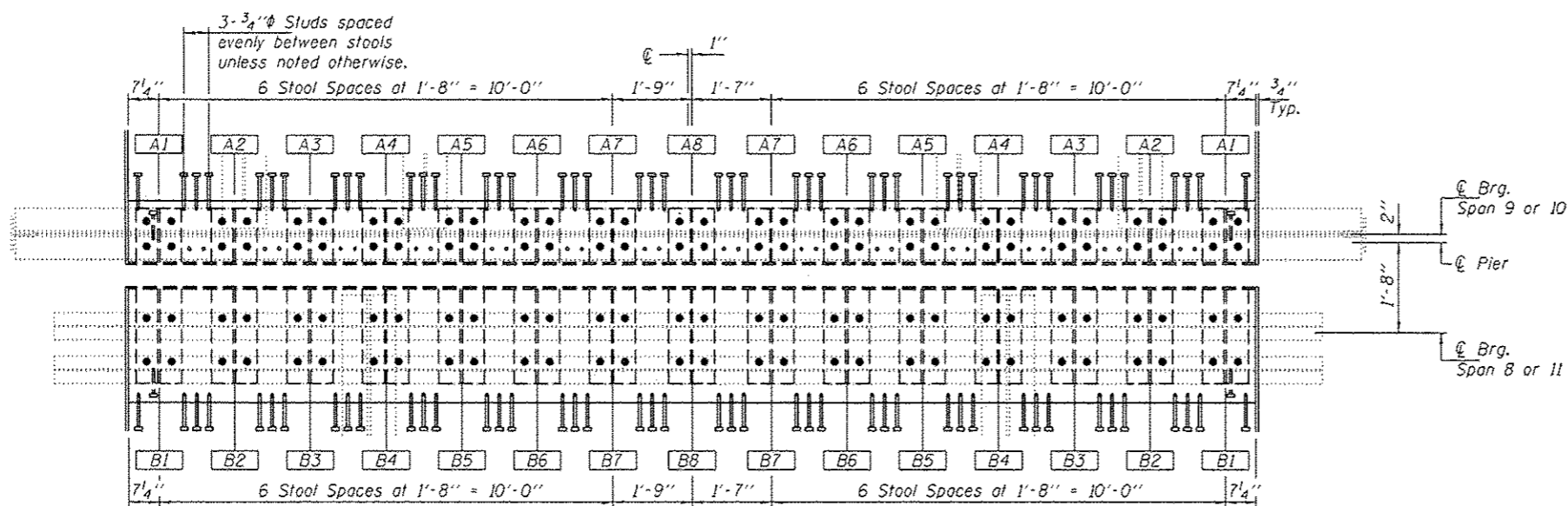


FLAME CUTTING DIAGRAM

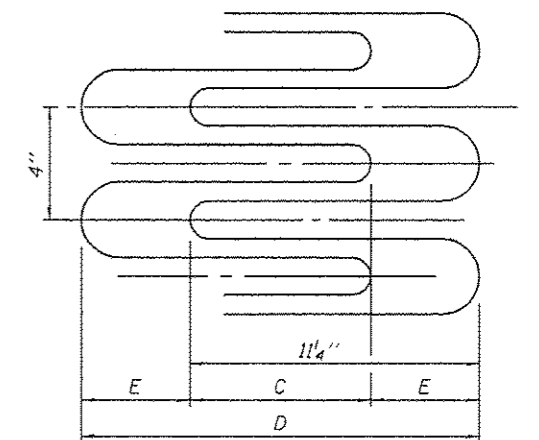
Cut From 2 1/2" x 3'-6" R

Note:
AASHTO Classification M-270 Gr. 50 steel (NTR), shall be used throughout the finger plate joint

- * 3/4" x 8" granular or solid flux filled headed studs conforming to Art. 1006.32 of the Std. Specs. automatically end welded.
- ** Drill 1" holes in stools for transverse reinforcement.



PLAN VIEW



JOINT OPENING GEOMETRY

Temp.	E	C	D
-30° F	9 3/4"	1 1/2"	1'-9"
50° F	5 1/4"	6"	1'-4 1/2"
130° F	3 1/4"	10 1/2"	1'-0"

Expansion length = 708.33'

DESIGNED ATH
CHECKED VHV
DRAWN Summer/baliva
CHECKED ATH VHV

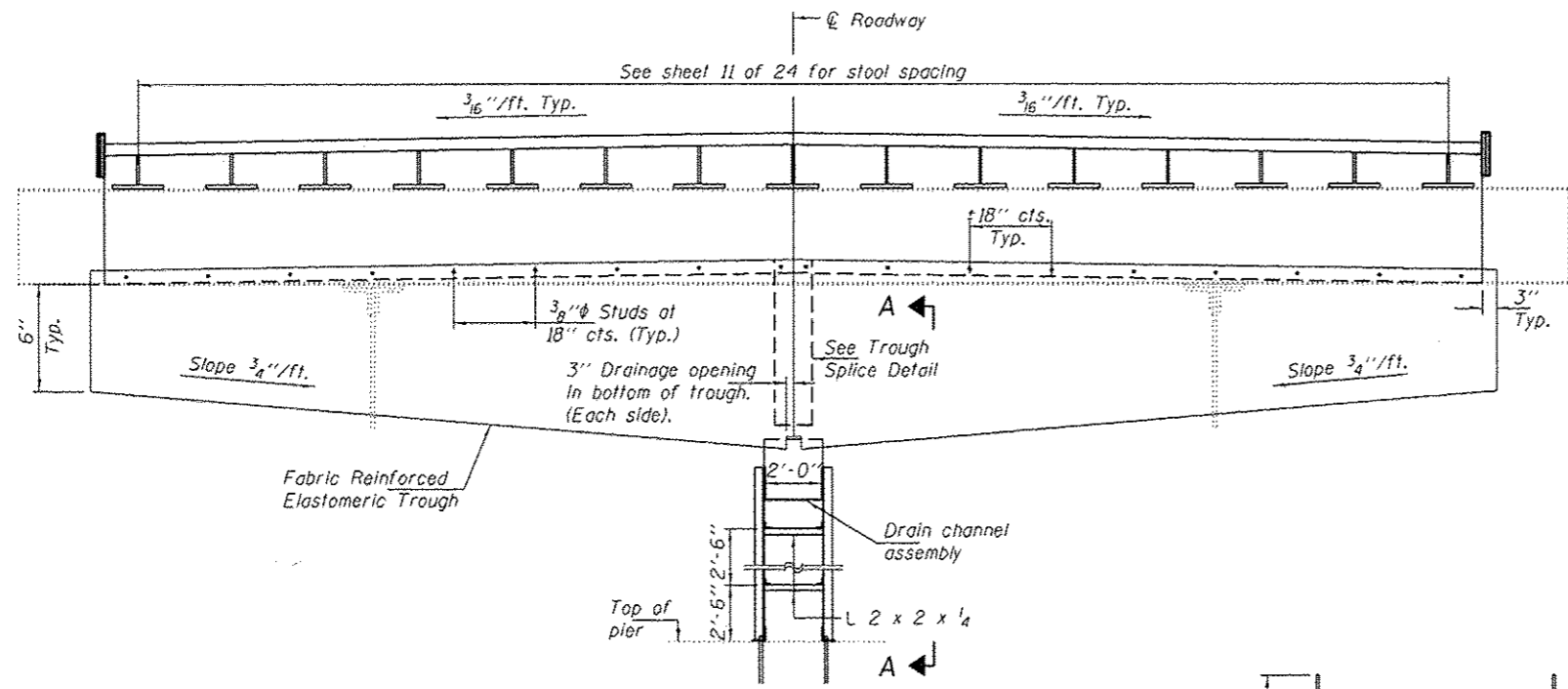
DATE OCTOBER 1, 2015
PASSED
ACTING ENGINEER OF BRIDGES AND STRUCTURES
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

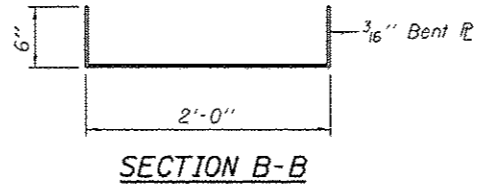
PIER 8 & 10 FINGER PLATE DETAILS
SN 001-0019

SHEET NO. 11 OF 24 SHEETS

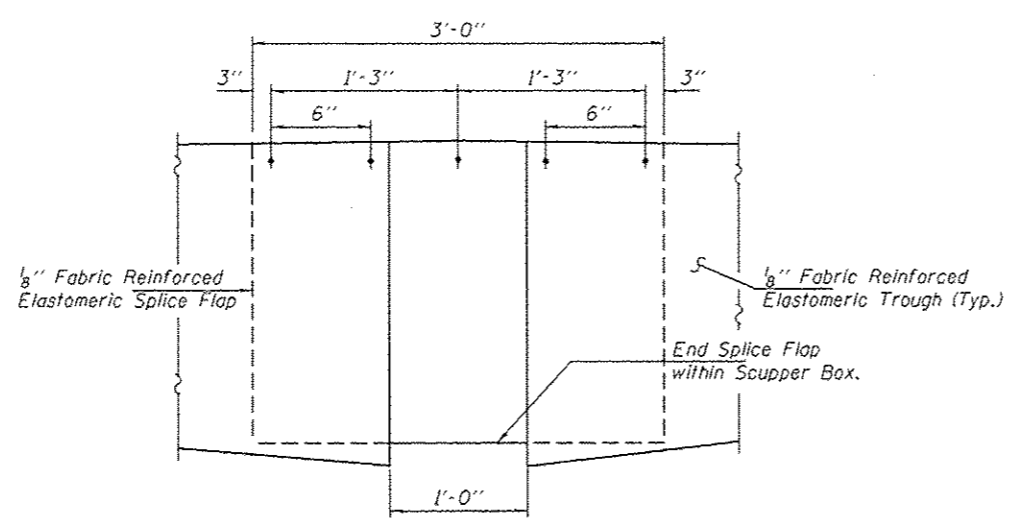
F.A.P. RTE. 63	SECTION 112B1-7	COUNTY ADAMS	TOTAL SHEETS 45	SHEET NO. 19
CONTRACT NO. 12H65			ILLINOIS FED. AID PROJECT	



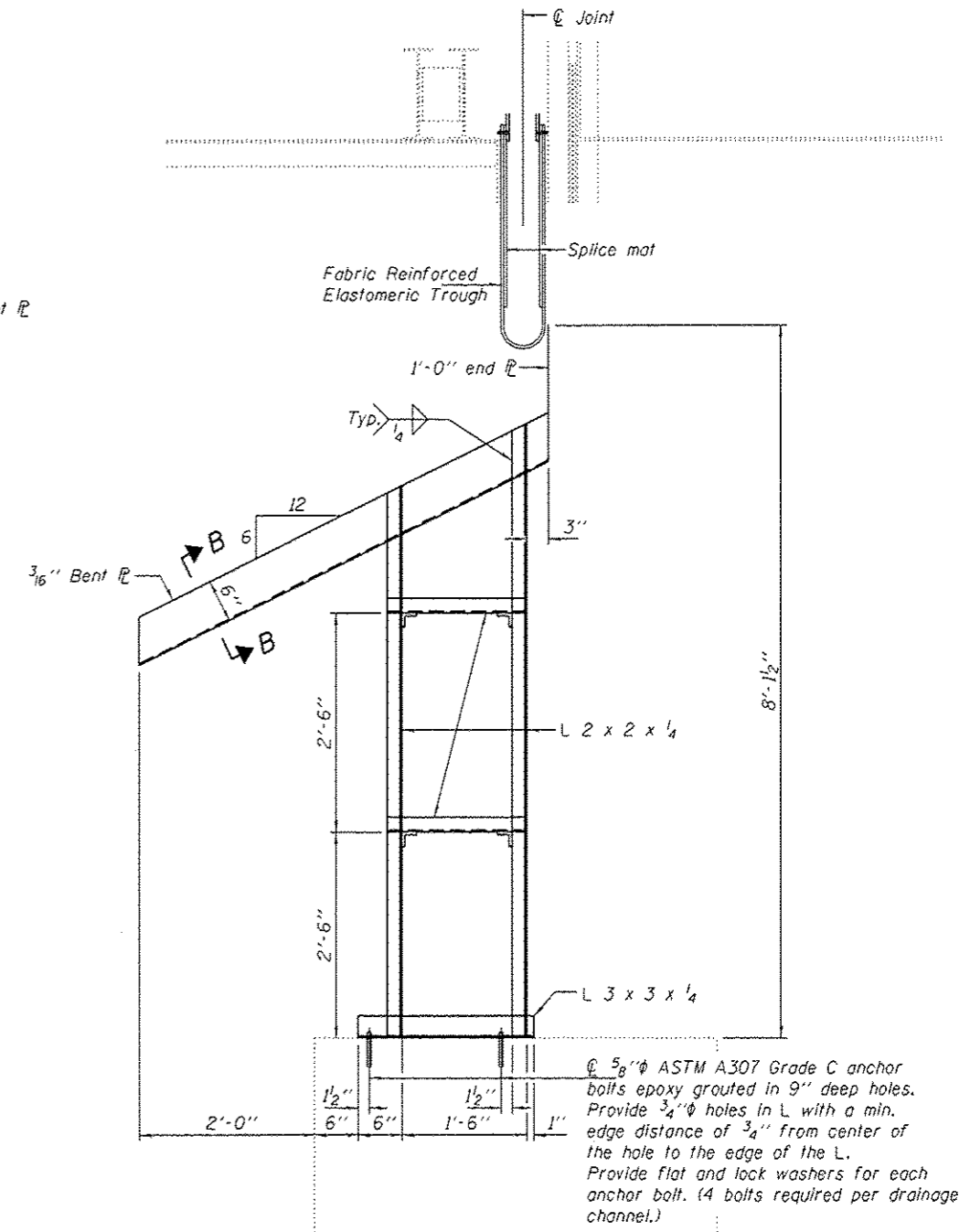
TYPICAL CROSS SECTION



SECTION B-B

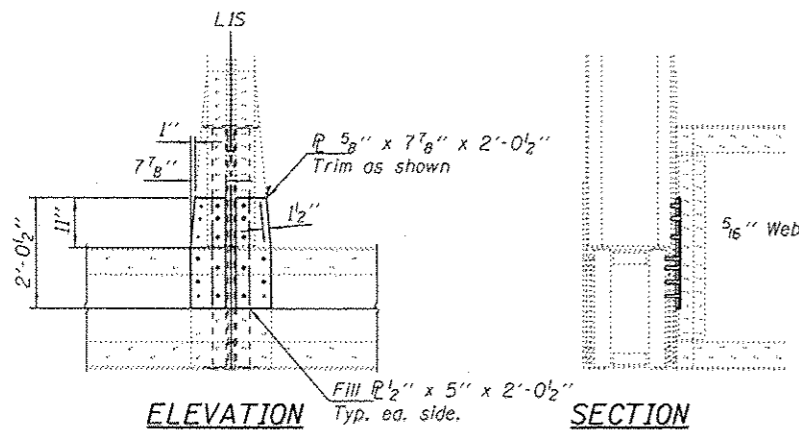


TROUGH SPLICE DETAIL

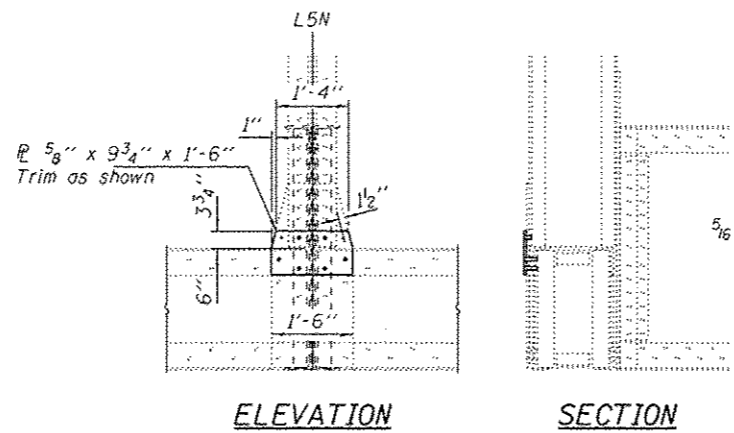


SECTION A-A

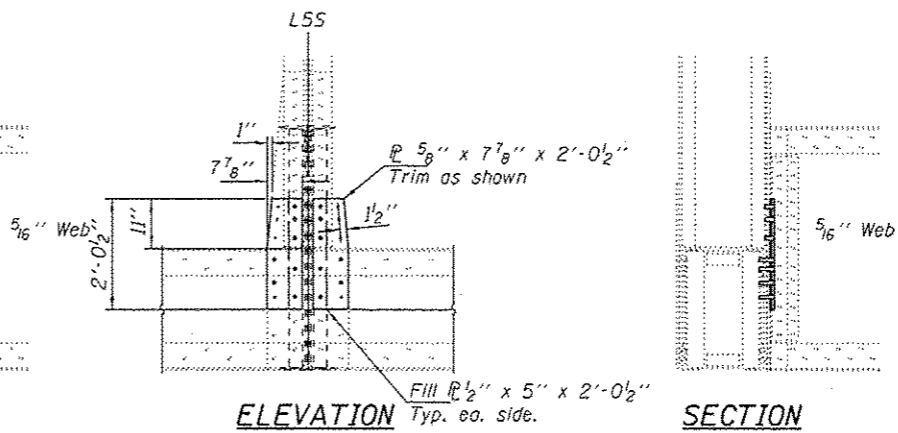
DESIGNED ATH	DATE OCTOBER 1, 2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIER 8 & 10 FINGER PLATE DETAILS		F.A.P. RTE. 63	SECTION 112BH-1	COUNTY ADAMS	TOTAL SHEETS 43	SHEET NO. 15
CHECKED VHV	REVISOR		CONTRACT NO. T2H65	SN 001-0019		ILLINOIS FED. AID PROJECT			
DRAWN Summer/baliva	ACTING ENGINEER OF BRIDGES AND STRUCTURES		SHEET NO. 12 OF 24 SHEETS						
CHECKED ATH VHV									



ITEM 544
(Inside gusset plate)



ITEM 557
(Outside gusset plate)



ITEM 556
(Inside gusset plate)

GUSSET PLATE REPAIR NOTES

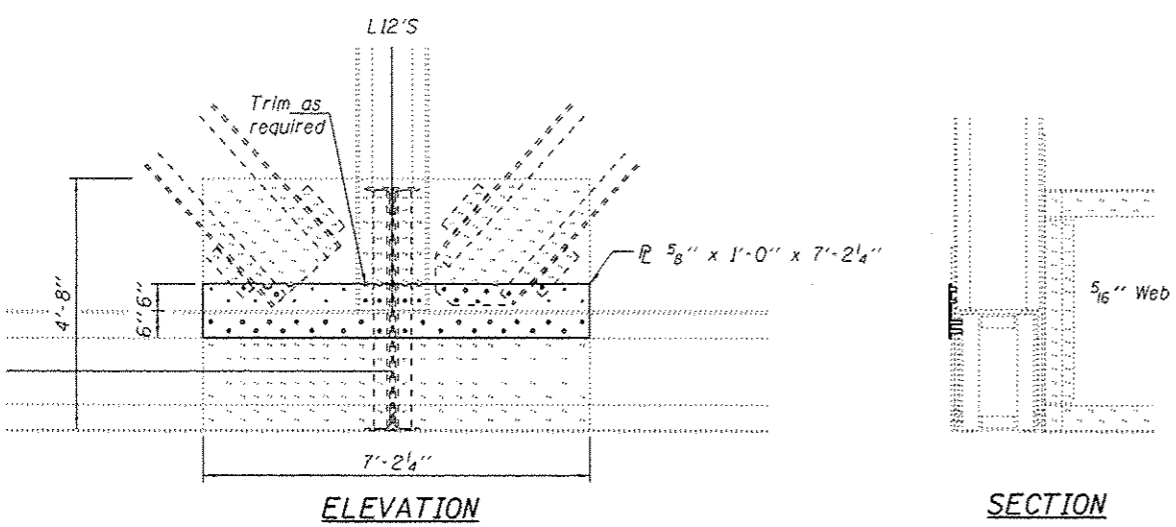
Trimming of repair plates and fill plates to accommodate existing fasteners not used in the repair shall be done by saw cutting or grinding. Minimum radius of 1" shall be maintained. Flame cutting will not be allowed. All cut edges shall be ground smooth to an ANSI 250 finish.

Any miscellaneous attachments to the gusset plates shall be removed, temporarily supported, modified to fit the repaired condition, and reinstalled after the gusset plate repairs are completed. Installation methods to be approved by the engineer. Cost included in the cost of Structural Steel Repair.

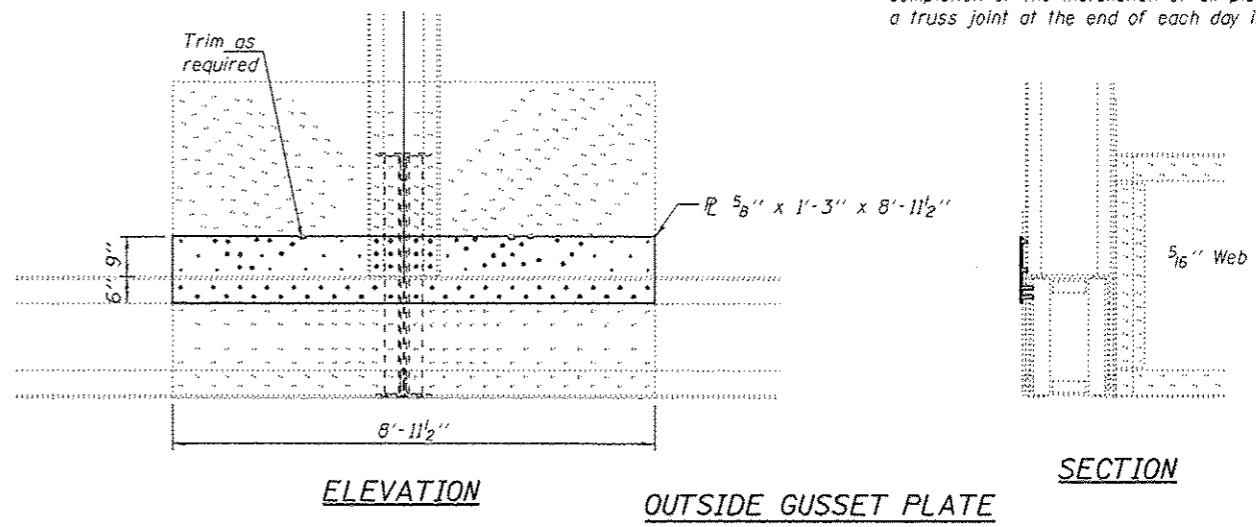
Contractor shall install repair plates and fill plates one at a time, on the inside gusset plate, followed by the installation of the repair plates, one at a time on the outside gusset plate.

For each repair plate, the contractor may remove all rivets to be replaced at the same time to facilitate fill-up and match-marking of holes.

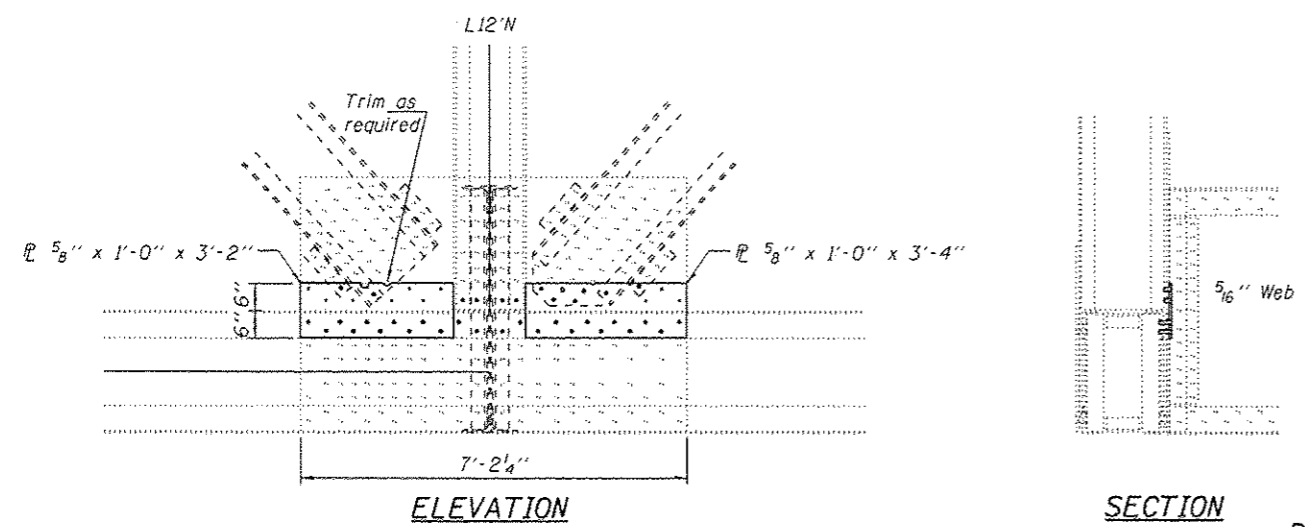
The contractor shall complete the installation of individual plates at the end of each day. The completion of the installation of all plates within a truss joint at the end of each day is not required.



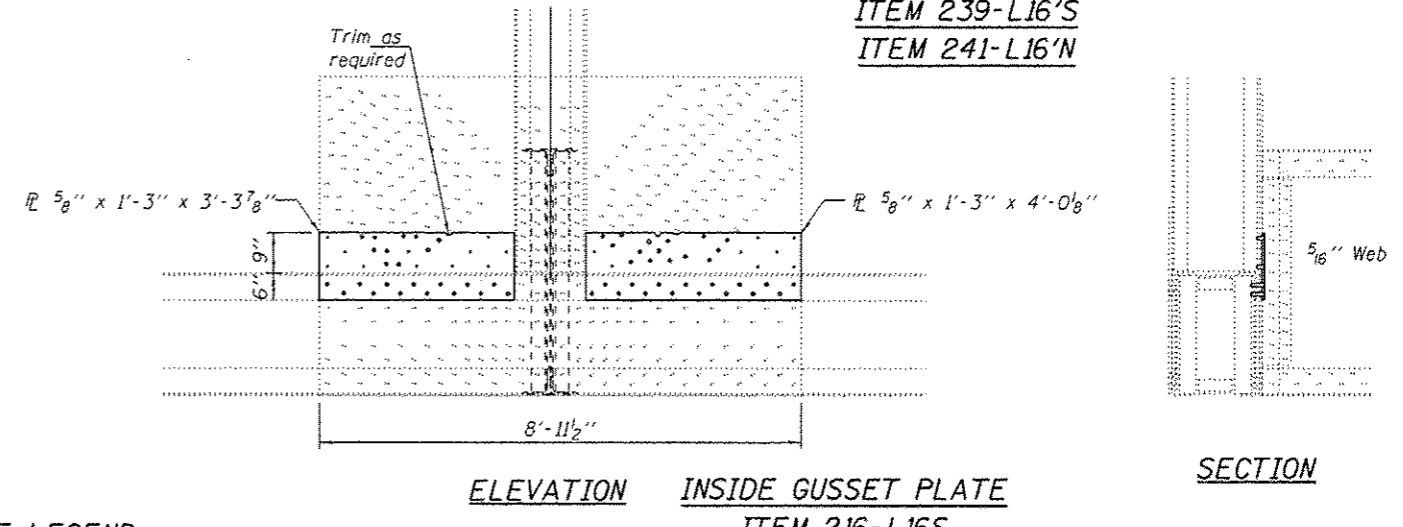
ITEM 254
(Outside gusset plate)



OUTSIDE GUSSET PLATE
ITEM 215-L16S
ITEM 219-L16N
ITEM 239-L16'S
ITEM 241-L16'N



ITEM 255
(Inside gusset plate)



INSIDE GUSSET PLATE
ITEM 216-L16S
ITEM 218-L16N
ITEM 240-L16'S
ITEM 242-L16'N

BOLT HOLE LEGEND

- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	3230

DESIGNED VHV
CHECKED DAB
DRAWN baliva
CHECKED VHV DAB

DATE OCTOBER 1, 2015

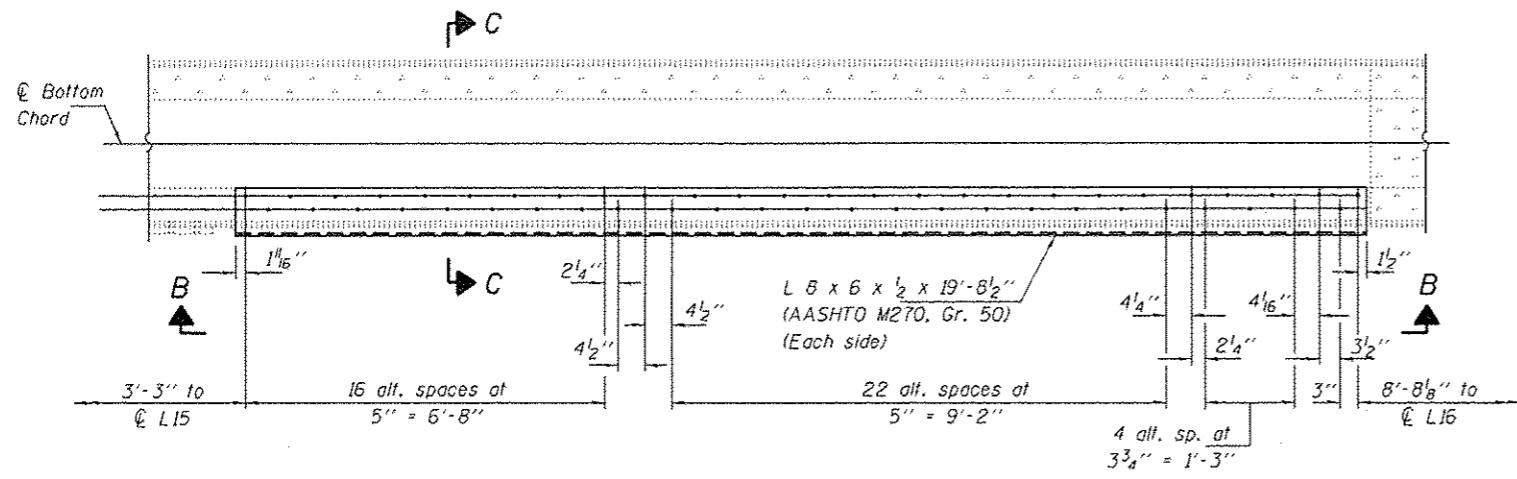
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ACTING ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

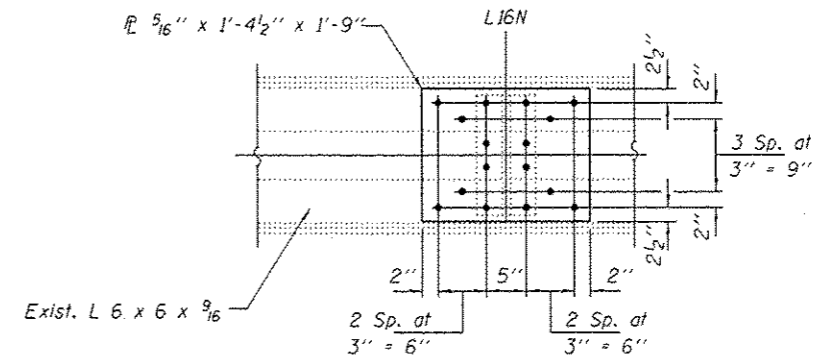
GUSSET PLATE REPAIR DETAILS SPANS 9 & 10
SN 001-0019
SHEET NO. 13 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	U20H-1	ADAMS	45	16
				CONTRACT NO. 72H65
ILLINOIS FED. AID PROJECT				

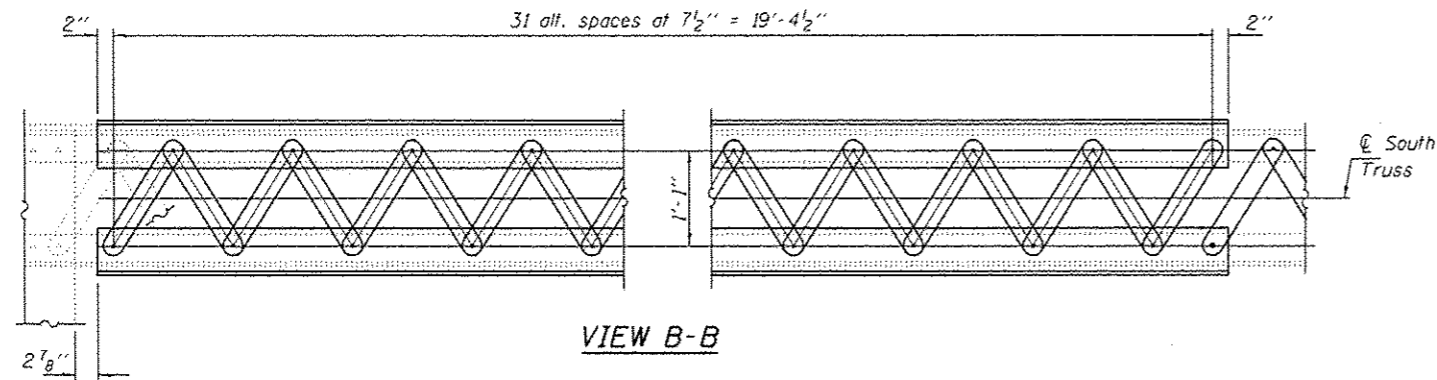


ELEVATION BOTTOM CHORD REPAIR

Span 9, North & South Truss
L15 to L16



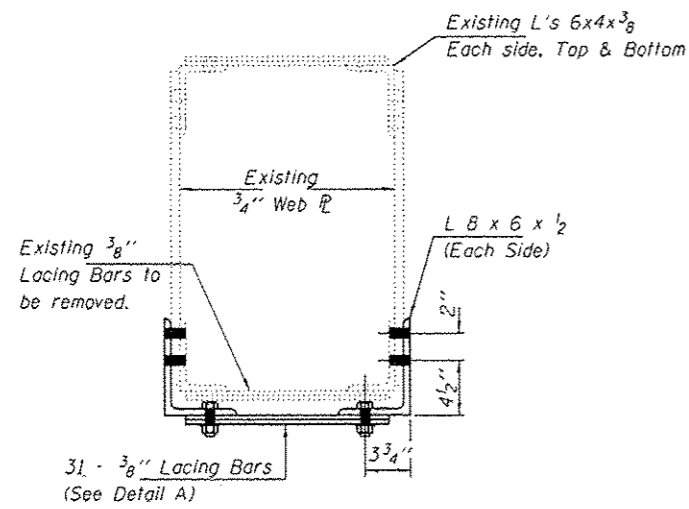
**L15N - L16N
STAY R REPAIR**
(1 Req'd)



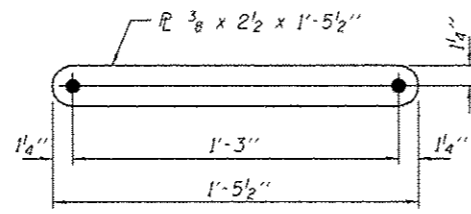
VIEW B-B

PROCEDURE FOR BOTTOM CHORD REPAIR:

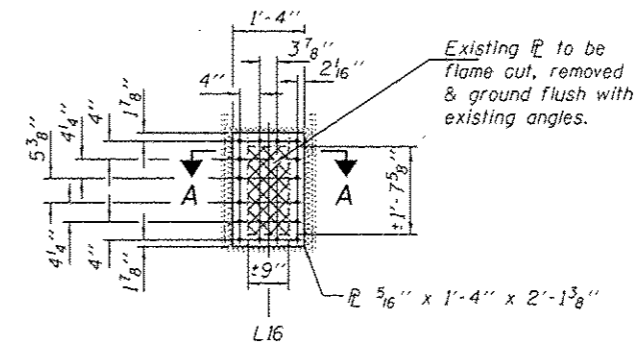
1. Remove all existing bottom lacing bars; remove existing rivets in bottom angles (maximum 2 rivets at a time) and replace with 7/8" H.S. Bolts, finger tighten nut with nut facing out prior to next rivet removal.
2. After all rivets are replaced with bolts, remove nuts from existing angle (leaving bolts in place) and attach new bottom angle with bolts for lacing bars in place with nuts facing down. Fasten new lacing bars to angles.



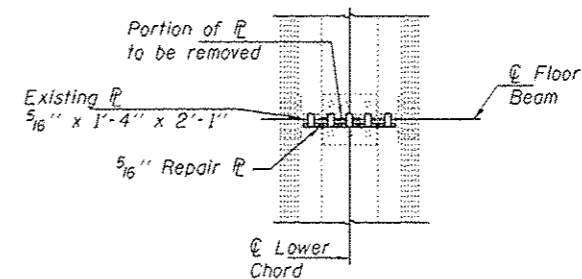
SECTION C-C



DETAIL A



ELEVATION



**SECTION A-A
ITEMS 214 & 109**

BOLT HOLE LEGEND

- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	2370

DESIGNED VHV
CHECKED DAB
DRAWN baliva
CHECKED VHV DAB

PASSED

ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE OCTOBER 1, 2015

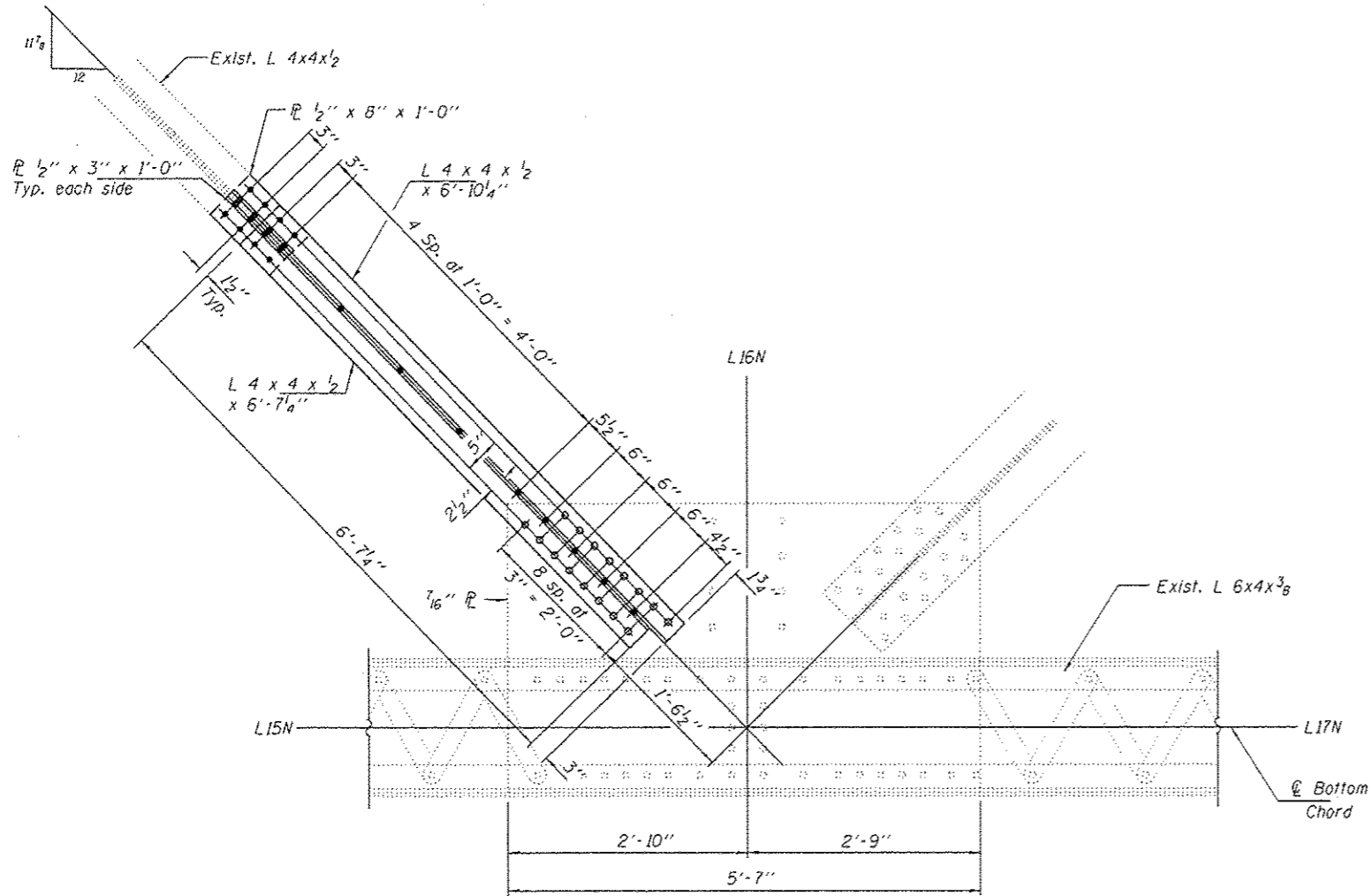
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

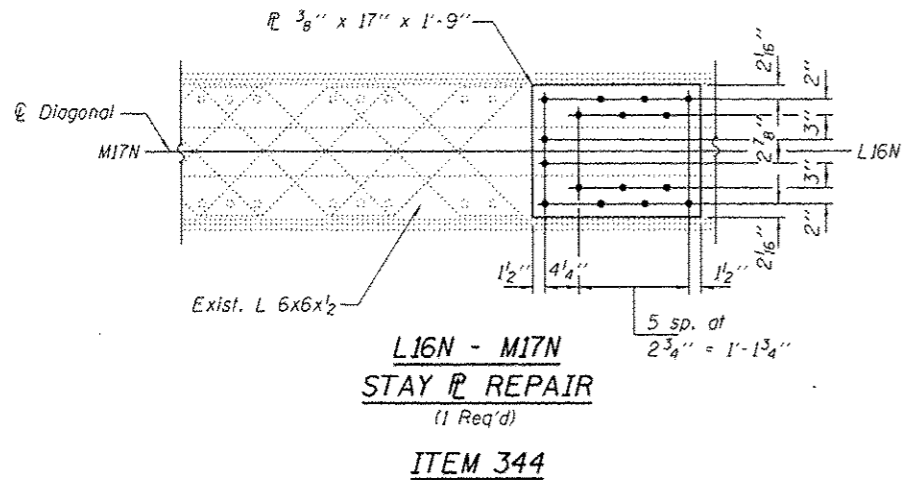
TRUSS MEMBER REPAIR DETAILS SPANS 9 & 10
SN 001-0019

SHEET NO. 14 OF 24 SHEETS

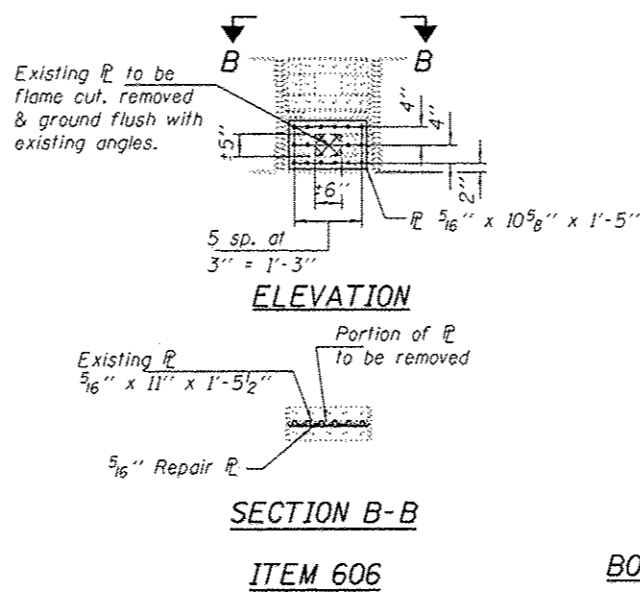
F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(12B1)-1	ADAMS	45	17
				CONTRACT NO. 72H65
ILLINOIS FED. AID PROJECT				



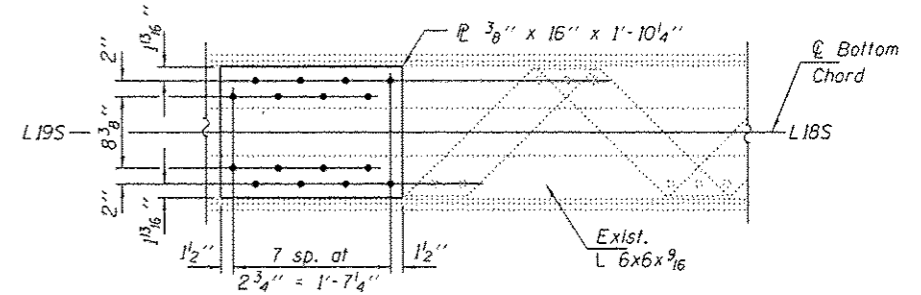
**LATERAL BRACING REPAIR
AT L16N
ITEM 592**



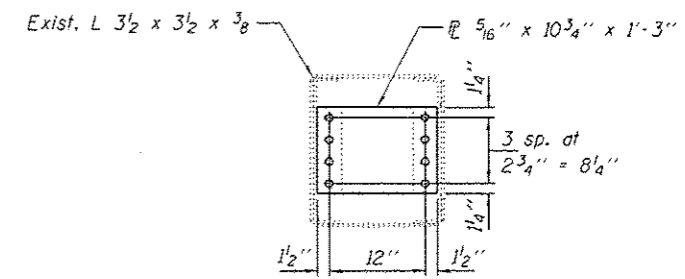
**L16N - M17N
STAY REPAIR
(1 Req'd)
ITEM 344**



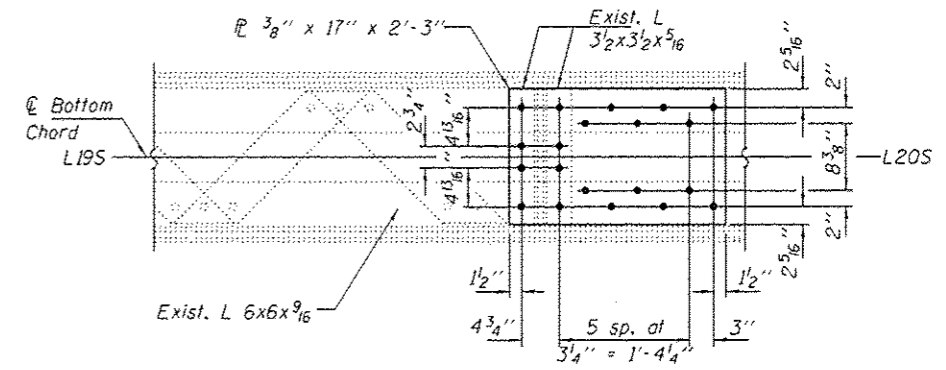
**ELEVATION
SECTION B-B
ITEM 606**



**L18S - L19S
STAY REPAIR
(1 Req'd)
ITEM 347**



**L20S - U20S
DIAPHRAGM REPAIR
(1 Req'd)
ITEM 608**



**L19S - L20S
STAY REPAIR
(1 Req'd)
ITEM 144**

BOLT HOLE LEGEND

- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	390

DESIGNED VHV	DATE OCTOBER 1, 2015
CHECKED DAB	
DRAWN baliva	REVISOR
CHECKED VHV DAB	REVISION

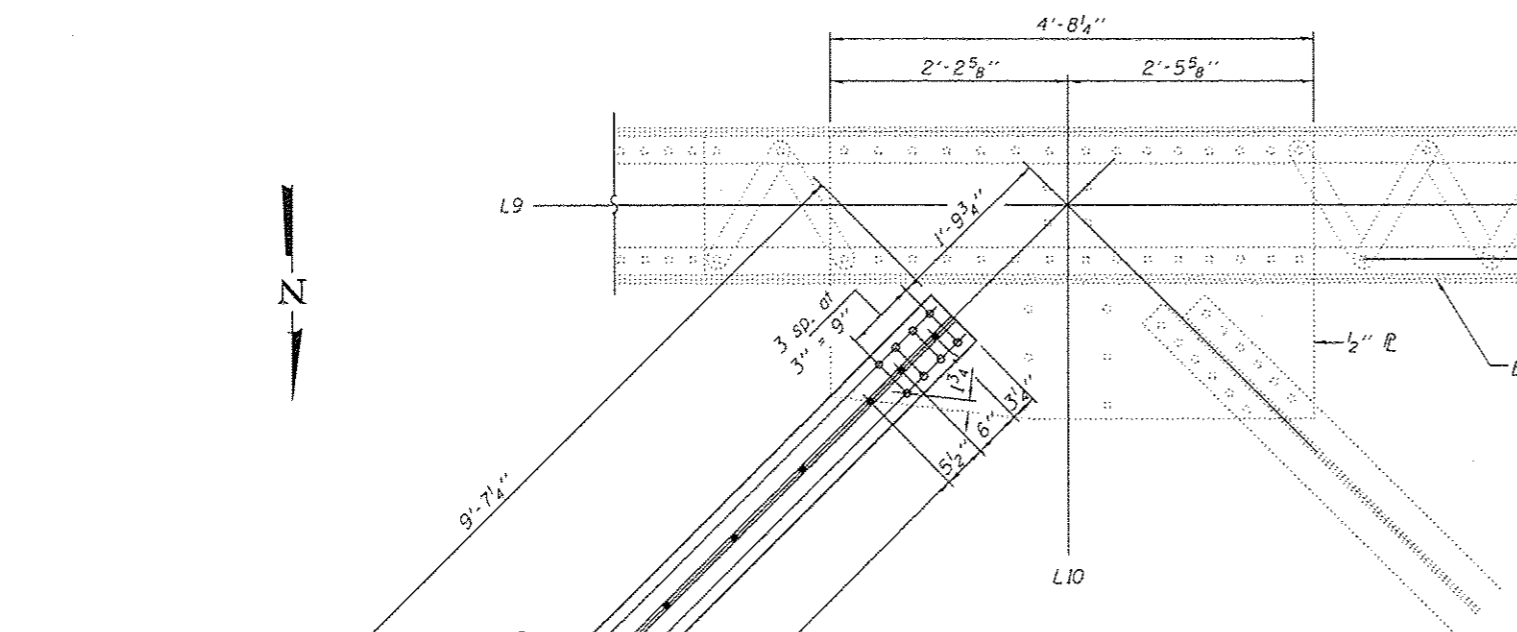
PASSED
(Signature)
ACTING ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

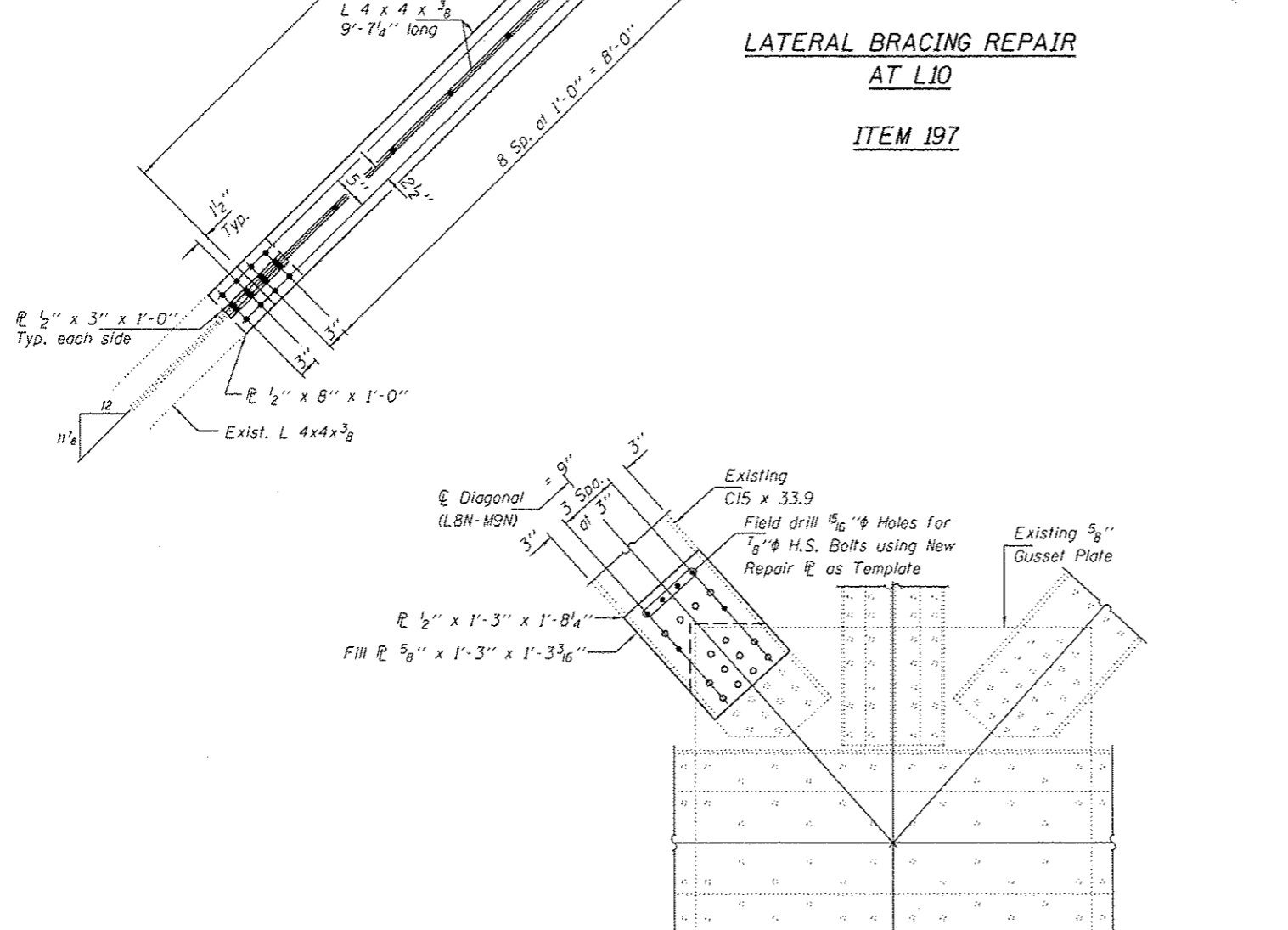
TRUSS MEMBER REPAIR DETAILS SPANS 9 & 10
SN 001-0019

SHEET NO. 15 OF 24 SHEETS

F.A.P. R.T.E. 63	SECTION 112B1-1	COUNTY ADAMS	TOTAL SHEETS 45	SHEET NO. 18
			CONTRACT NO. 72H65	
ILLINOIS FED. AID PROJECT				

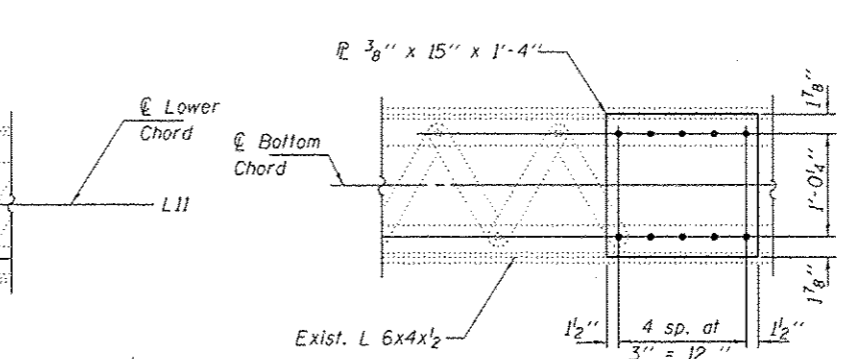


**LATERAL BRACING REPAIR
AT L10**
ITEM 197

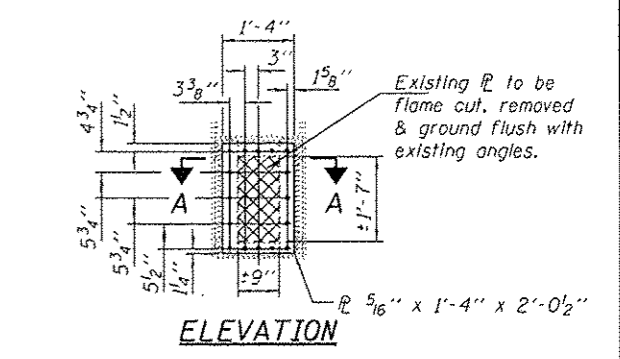


BOLT HOLE LEGEND
 ● - Holes to be shop drilled.
 ○ - Holes to be field drilled using existing holes as template.

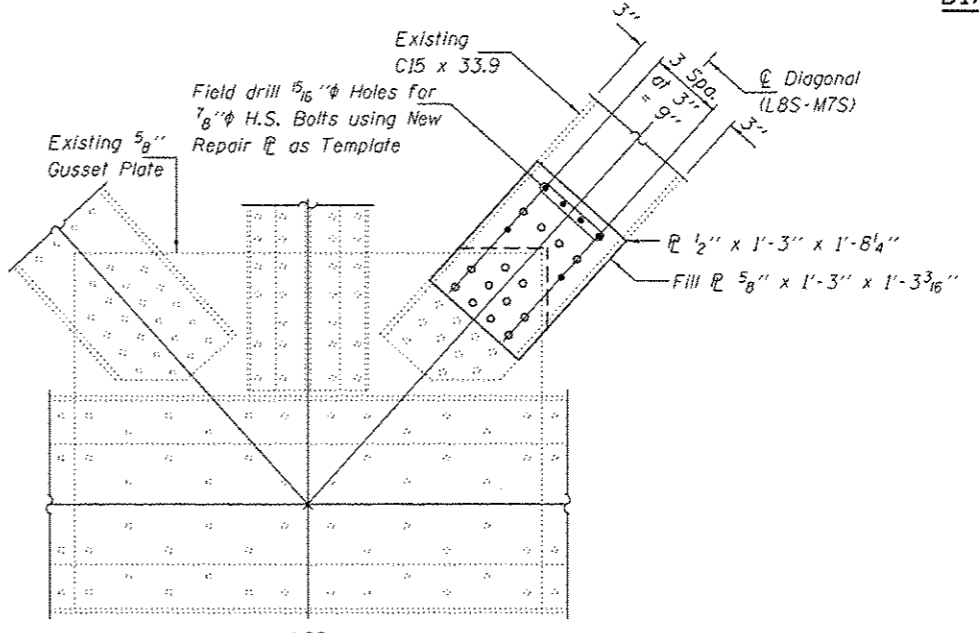
**TYPICAL INSIDE AND OUTSIDE
ITEM 573**



**L10'S - L11'S
STAY PLATE REPAIR**
(1 Req'd)
ITEM 630

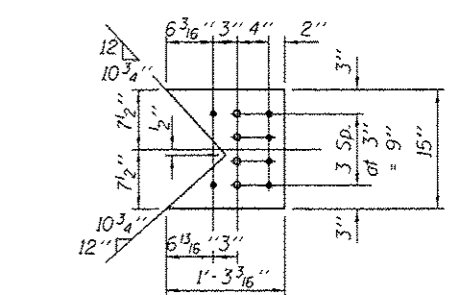


ELEVATION
SECTION A-A
ITEM 104 LIS - L2S AT LIS
ITEM 607 L19N - L20N AT L20N
DIAPHRAGM PLATE REPAIR

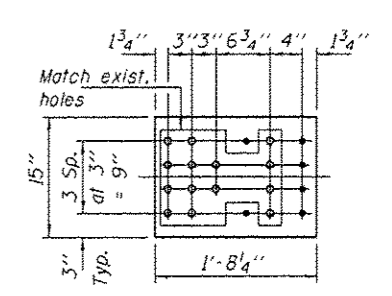


**TYPICAL INSIDE AND OUTSIDE
ITEM 333**

- PROCEDURE TO STRENGTHEN DIAGONAL & CONNECTION
AT L8S - MTS (ITEM 333) & L8N - M9N (ITEM 573):**
1. Remove existing rivets in channel at gusset plate (Max. 2 rivets at a time), and replace with 7/8" φ H.S. bolts, finger tighten nut with nut facing out prior to next rivet removal.
 2. After all rivets are replaced with bolts, remove nuts from gusset plate (leaving bolts in place) and attach new fill PL & repair PL
 3. Field drill holes in diagonal member and install remainder of bolts.



5/8" FILL PLATE
PL 5/8" x 1'-3" x 1'-3 3/16"



REPAIR PLATE
PL 1/2" x 1'-3" x 1'-8 1/4"
15/16" φ Holes

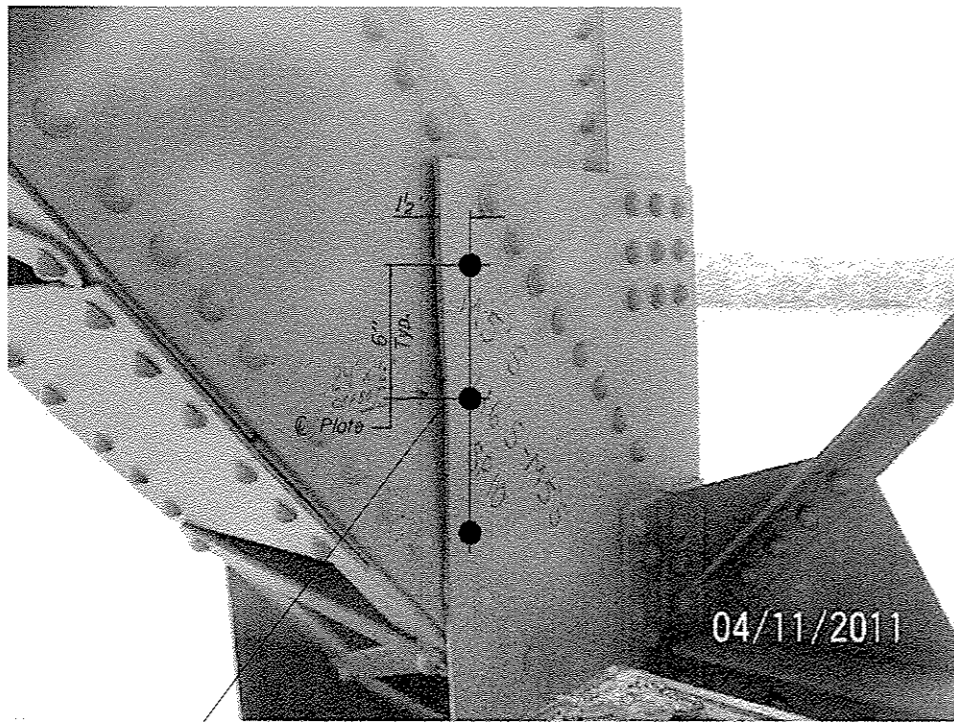
BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	720



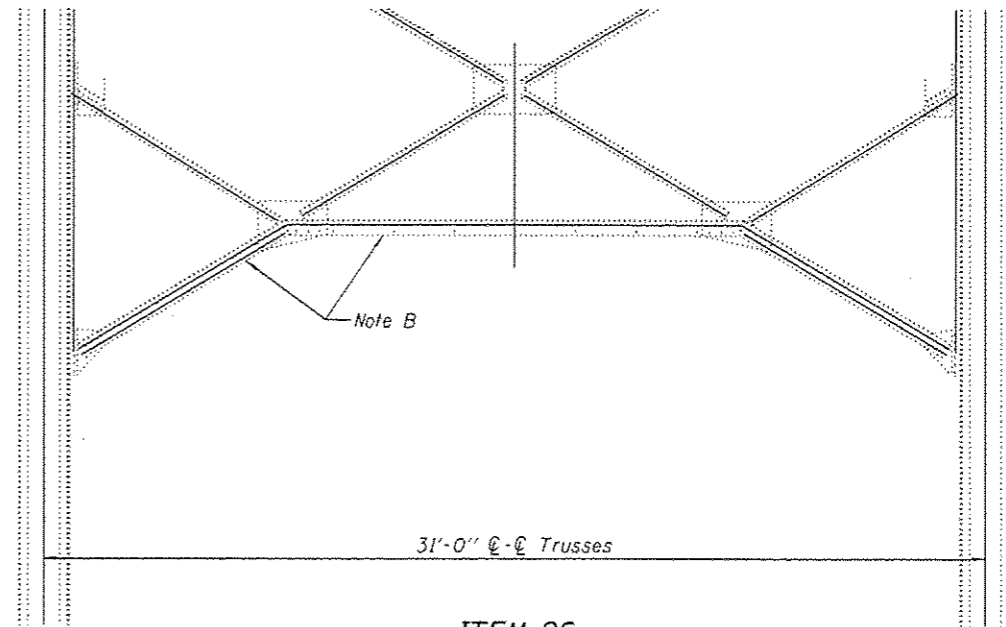
Reattach loose brackets. (3 Required)

ITEM 567
Span 9, L65-L85



Fill gap with filler material. See Note C

ITEM 373
Span 10, M5'S-U6'S at M5'S (Inside)



ITEM 26
Span 9, Panel Point 9

Note A:
Field verify location of broken weld.
Reweld with $\frac{3}{16}$ " fillet weld.

Note B:
Wind bracing to be straightened to its original position using mechanical methods only.

Note C:
Install 3- $\frac{3}{4}$ " ϕ HS bolts as shown.
Filler material suitable for structural steel to be placed prior to tightening of bolts.



ITEM 677
Span 9, LOS (Catwalk)
See Note A

Cost of repairs on this sheet is included in the cost of Structural Steel Repairs.

DESIGNED	VHV
CHECKED	DAB
DRAWN	baliva
CHECKED	VHV DAB

PASSED	DATE	OCTOBER 1, 2015
 ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED	
	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS REPAIRS SPANS 9 & 10	
SN 001-0019	
SHEET NO. 17 OF 24 SHEETS	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	112B1-7	ADAMS	46	20
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	



ITEM 611
Ladder at N. end of Pier 9

See Note D



ITEM 612
Ladder at S. end of Pier 9

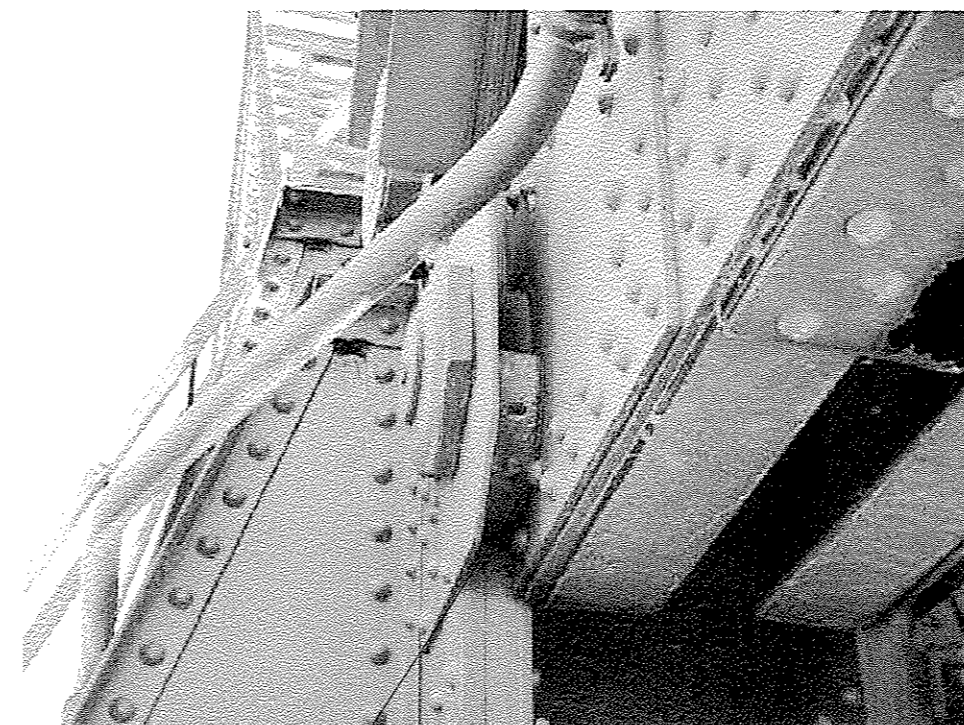
See Note D



ITEM 612
Ladder at S. end of Pier 9

Realign & re weld

4/5/2013



See Note E

ITEM 616
Span 10, Pier 9

Note D:
Use 1/2"φ epoxy grouted anchors, in accordance with Article 5B4 of the Standard Specifications. Straighten or replace steel strap in kind.

Note E:
Rotate spacer to sit on top of pin. Replace set bolt in kind. (Verify dimensions in field.)

Cost of repairs on this sheet is included in the cost of Structural Steel Repairs.

DESIGNED	VHV
CHECKED	DAB
DRAWN	baliva
CHECKED	VHV DAB

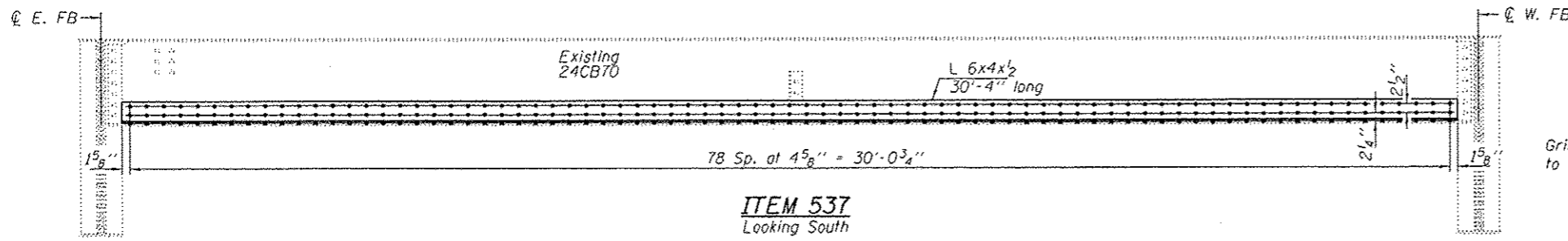
PASSED	<i>Carl Perry</i> ACTING ENGINEER OF BRIDGES AND STRUCTURES
--------	--

DATE	OCTOBER 1, 2015
REVISED	
REVISED	

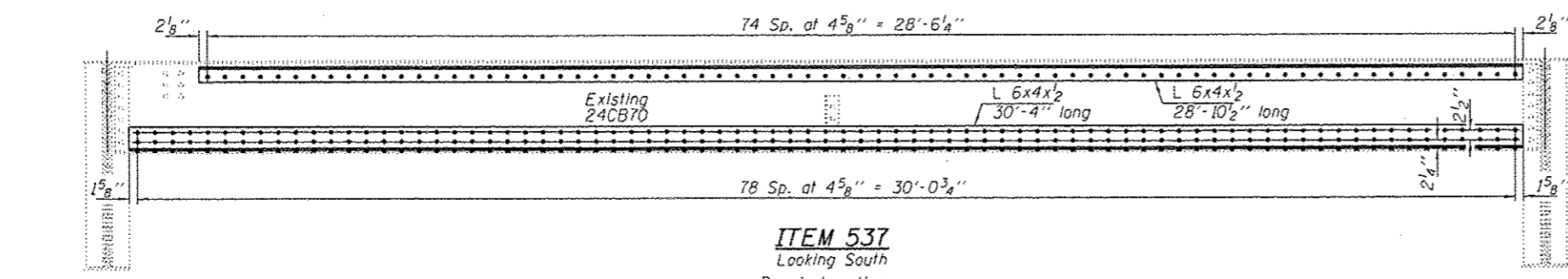
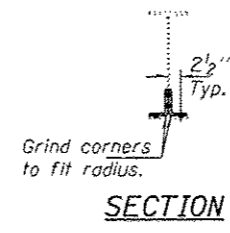
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS REPAIRS SPANS 9 & 10	
SN 001-0019	
SHEET NO. 18 OF 24 SHEETS	

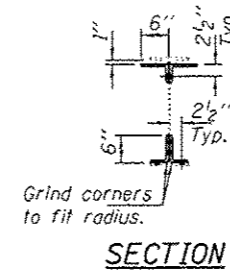
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	112011-7	ADAMS	45	21
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	



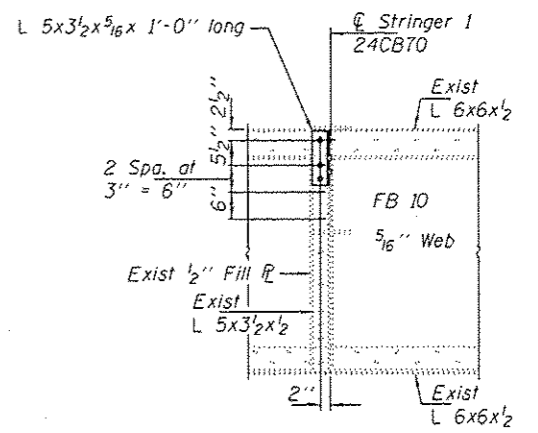
ITEM 537
Looking South
Repair Location:
M, N, O, P, Q, S,
T, U, W, X & AD



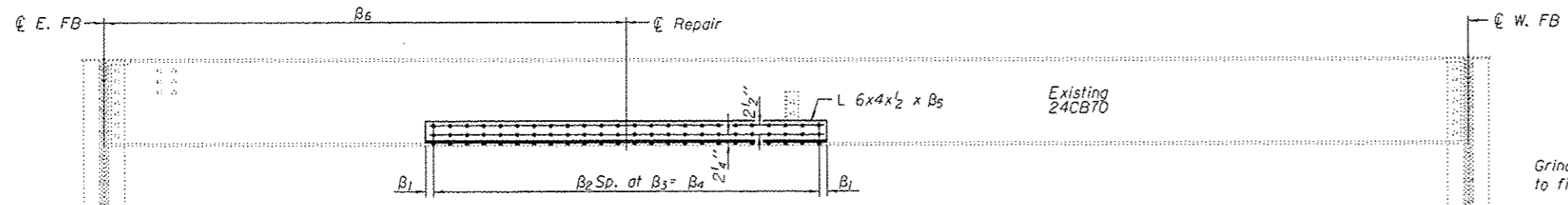
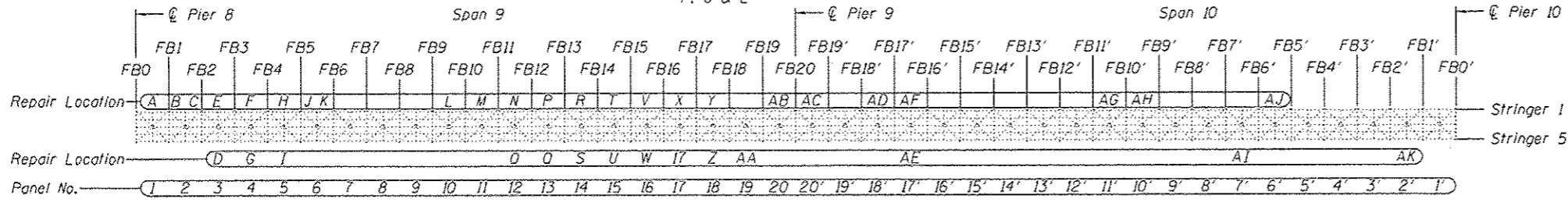
ITEM 537
Looking South
Repair Locations:
F, G & L



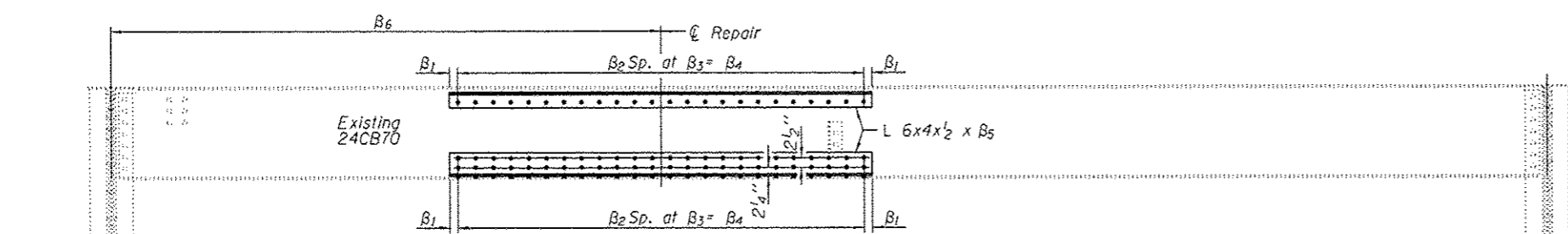
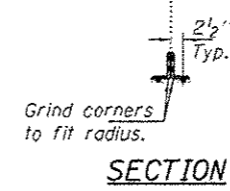
BOLT HOLE LEGEND
● - Holes to be shop drilled.
○ - Holes to be field drilled using existing holes as template.



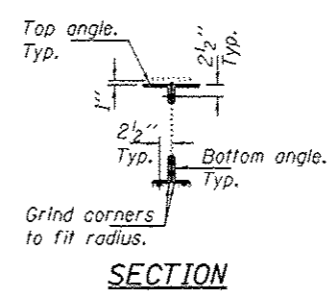
ELEVATION
ITEM 443
(Stringer I, Panel II, FB 10)



ITEM 537
Looking South
Repair Locations:
B, C, D, E, H, K, R, V, Z,
AA, AE, AF, AG, AJ & AK



ITEM 537
Looking South
Repair Locations:
A, I, J, Y,
AB, AC, AH & AI



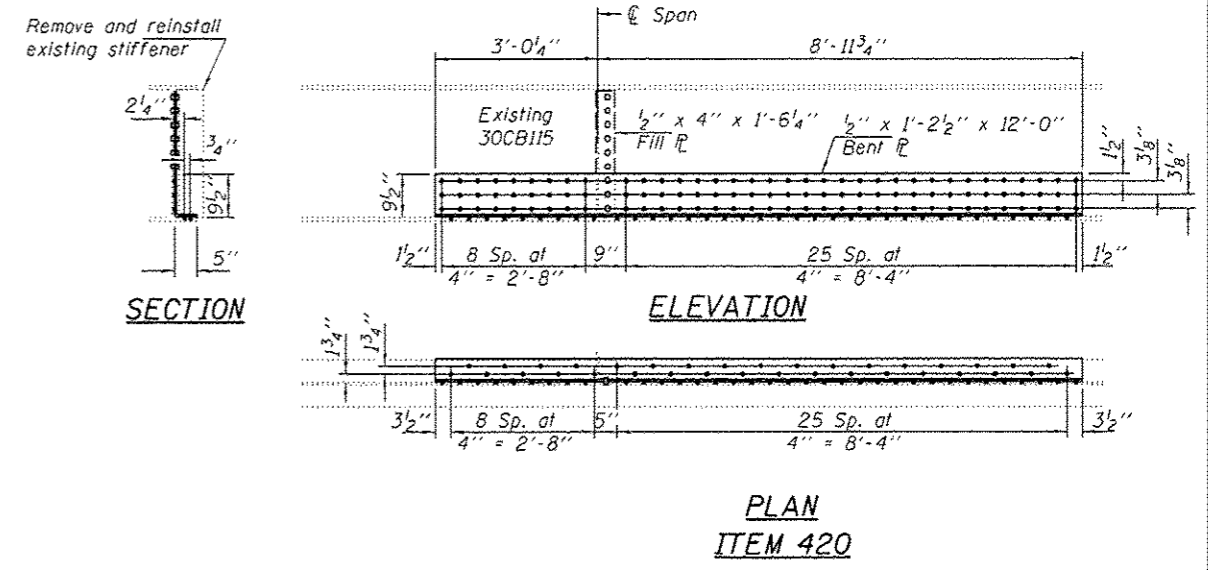
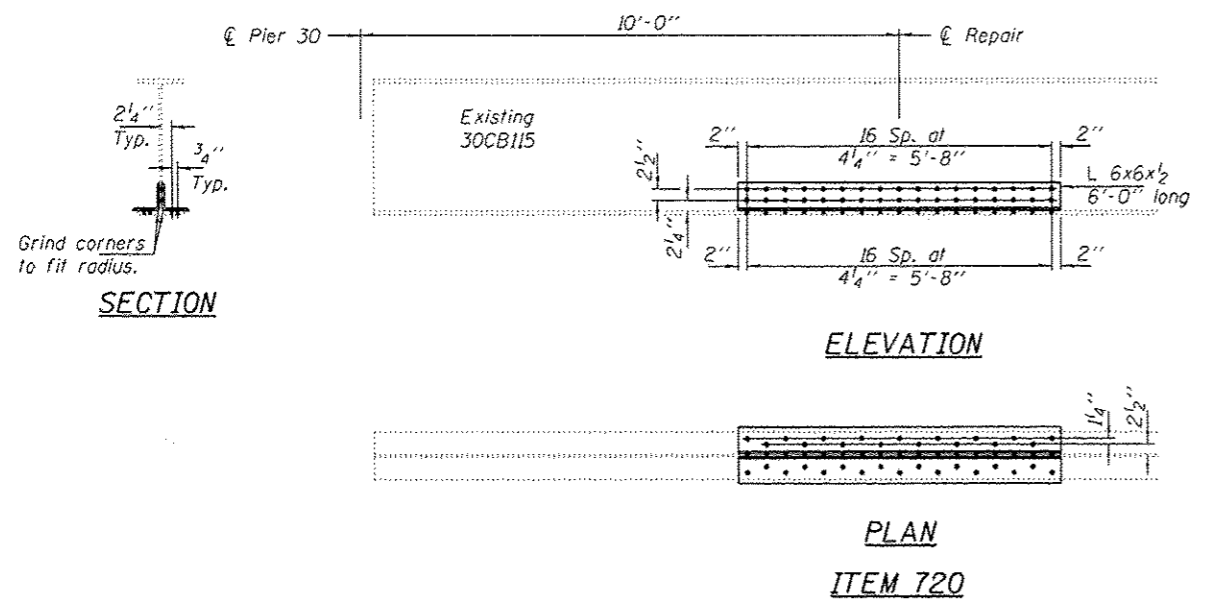
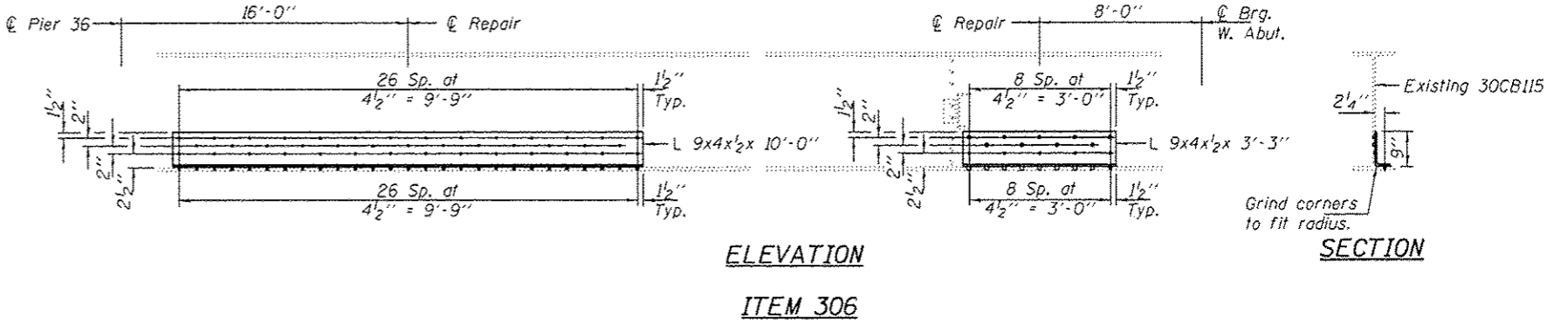
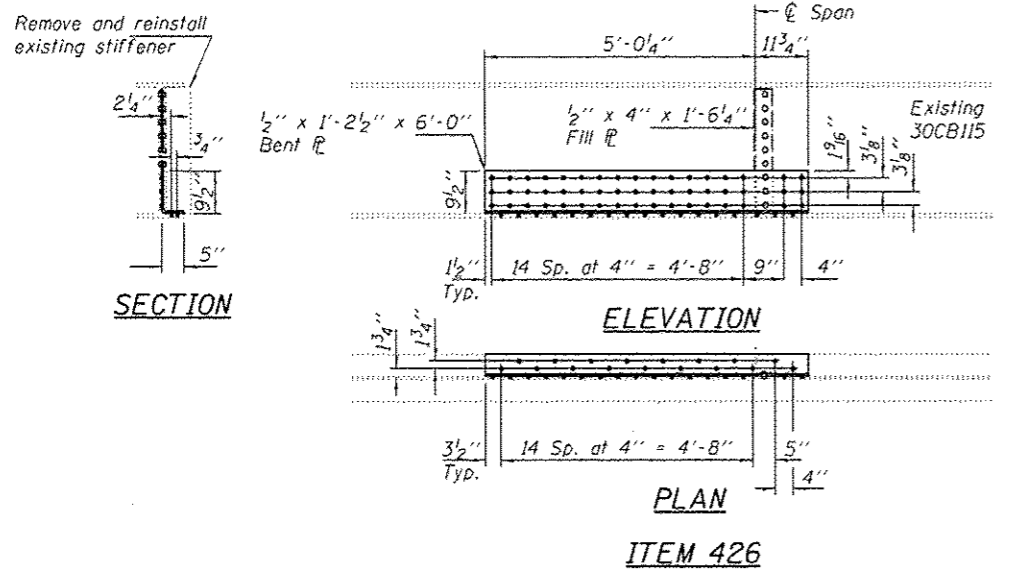
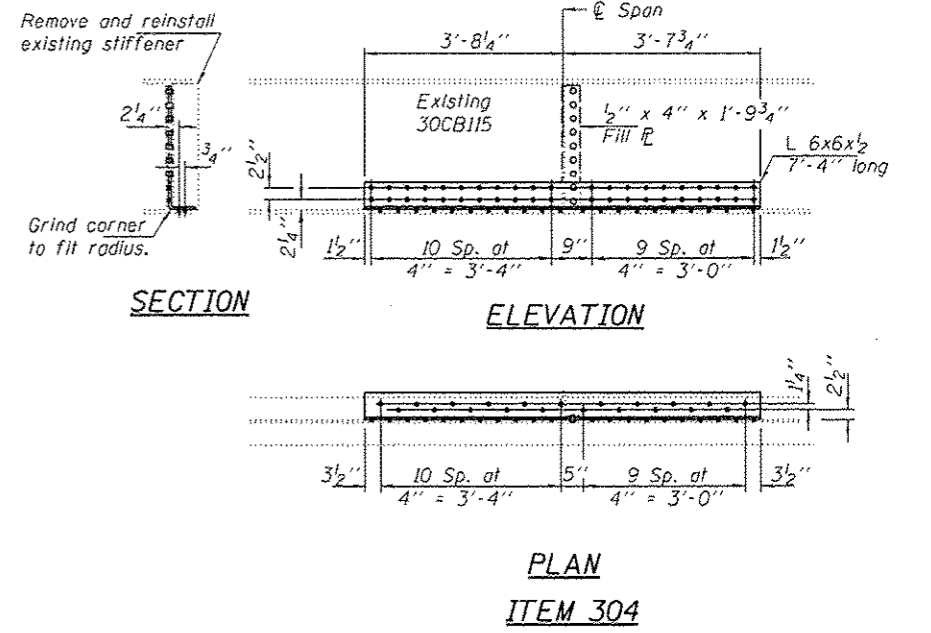
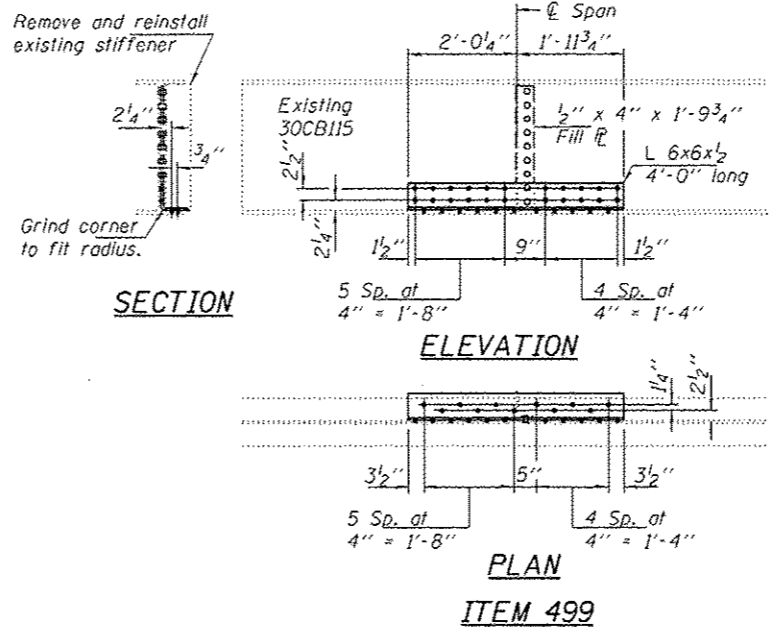
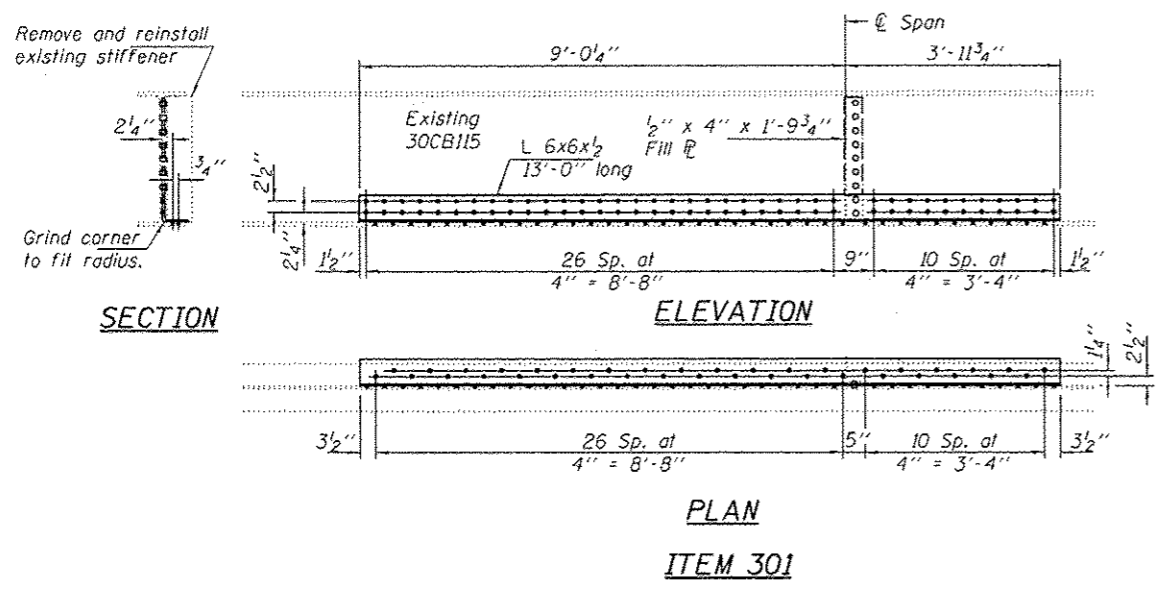
Repair Location	L Length B5	B1	B2	B3	B4	B6
* A	11'-0"	1 7/8"	27	4 3/4"	10'-8 1/4"	16'-4 1/2"
** A	2'-0"	2"	4	5"	1'-8"	20'-4 1/2"
B	5'-0"	2 1/2"	11	5"	4'-7"	7'-0"
C	2'-0"	2 1/2"	4	4 3/4"	1'-7"	22'-10 1/2"
D	11'-0"	1 7/8"	27	4 3/4"	10'-8 1/4"	6'-0"
E	5'-0"	2 1/2"	11	4 3/4"	4'-7"	21'-4 1/2"
H	11'-0"	1 7/8"	27	4 3/4"	10'-8 1/4"	10'-0"
I	11'-0"	1 7/8"	27	4 3/4"	10'-8 1/4"	20'-0"
J	4'-0"	1 1/2"	9	5"	3'-9"	7'-6"
K	7'-0"	2"	16	5"	6'-8"	20'-4 1/2"
R	8'-0"	2"	23	4"	7'-8"	19'-10 1/2"
V	5'-0"	2 1/2"	11	5"	4'-7"	20'-4 1/2"
Y	7'-0"	2"	16	5"	6'-8"	19'-4 1/2"
Z	11'-0"	1 7/8"	27	4 3/4"	10'-8 1/4"	15'-6"
AA	11'-0"	1 7/8"	27	4 3/4"	10'-8 1/4"	6'-0"
AB	4'-6"	2"	10	5"	4'-2"	19'-7 1/2"
AC	2'-6"	2 1/2"	5	5"	2'-1"	20'-7 1/2"
AE	2'-0"	2"	4	5"	1'-8"	21'-6 1/2"
AF	3'-0"	2"	8	4"	2'-8"	23'-0 1/2"
AG	2'-6"	2 1/2"	5	5"	2'-1"	20'-7 1/2"
AH	13'-0"	2"	32	4 3/4"	12'-8"	7'-0"
AI	5'-0"	2 1/2"	11	5"	4'-7"	21'-4 1/2"
AJ	7'-0"	2"	16	5"	6'-8"	22'-4 1/2"
AK	2'-0"	2"	4	5"	1'-8"	1'-9"

Note: All dimensions are typical except as noted.

* Bottom angles.
** Top angles.

BILL OF MATERIAL

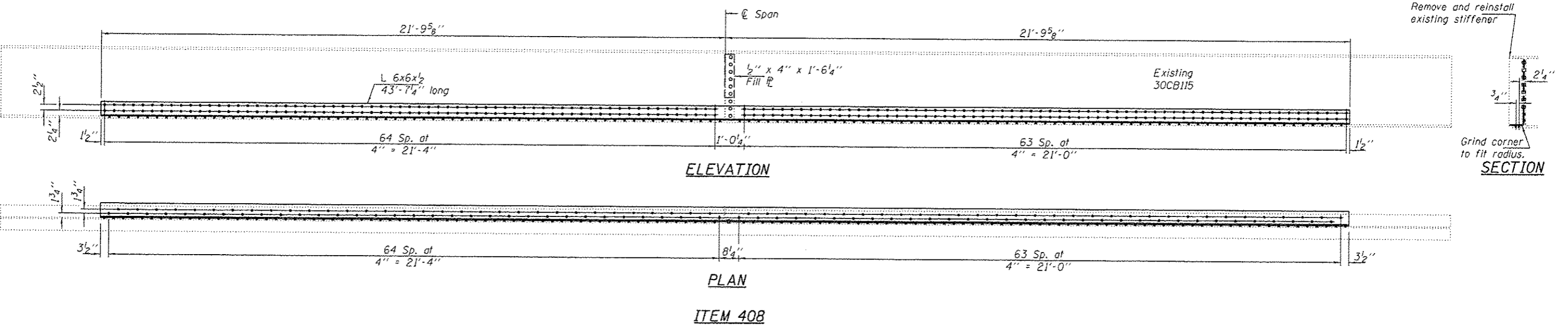
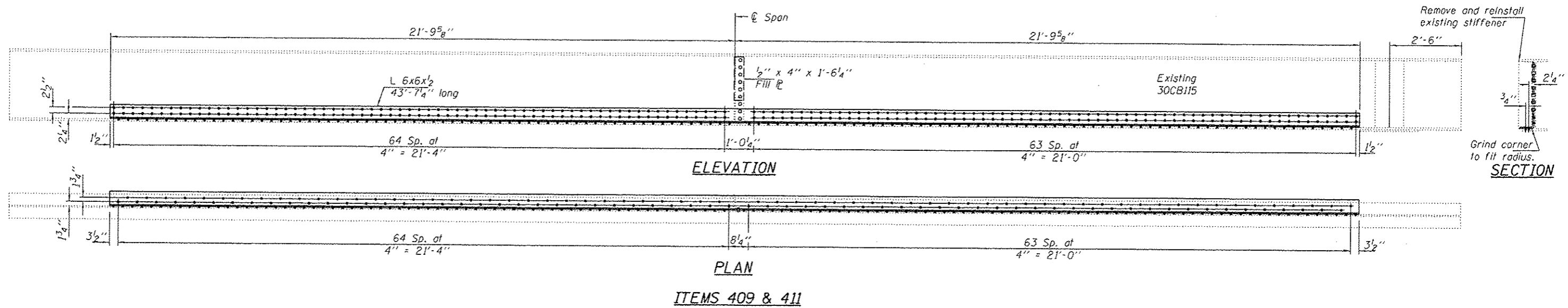
ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	26340



- BOLT HOLE LEGEND**
- - Holes to be shop drilled.
 - - Holes to be field drilled using existing holes as template.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	1850

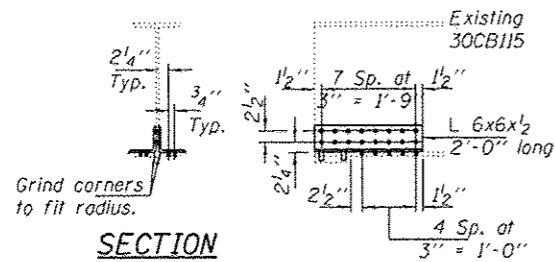


BOLT HOLE LEGEND

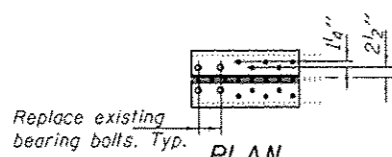
- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.

BILL OF MATERIAL

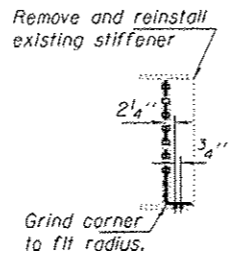
ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	3200



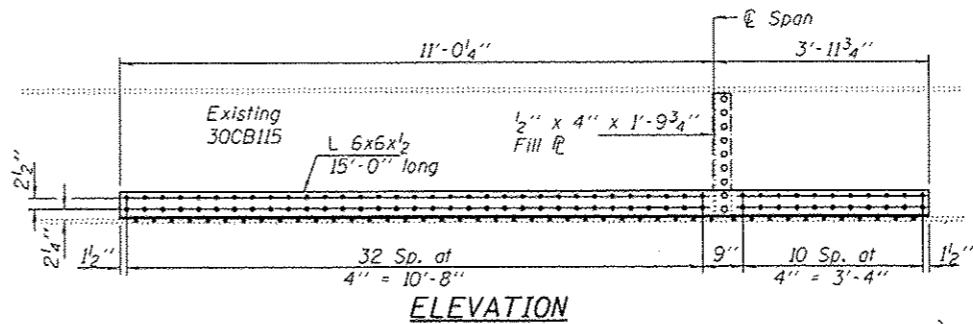
SECTION
ELEVATION



PLAN
ITEM 150



SECTION

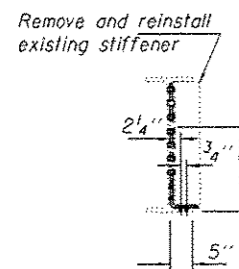


ELEVATION

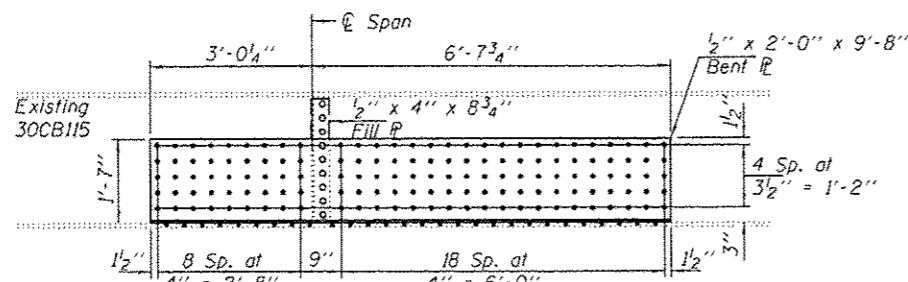
PLAN
ITEM 99

BOLT HOLE LEGEND

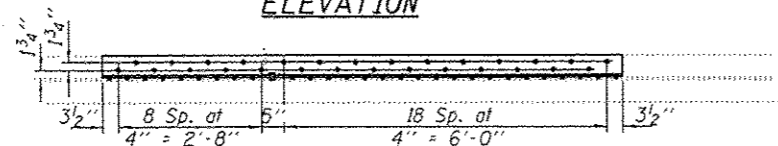
- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.



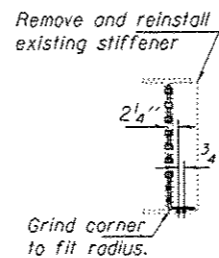
SECTION



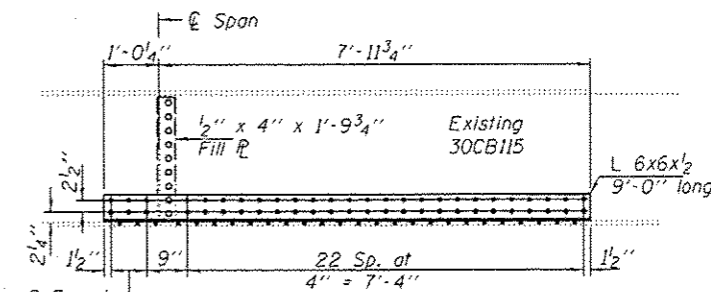
ELEVATION



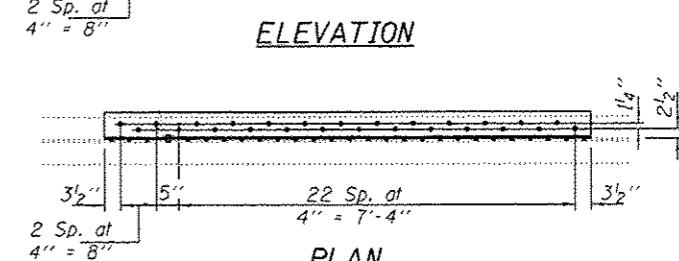
PLAN
ITEM 302



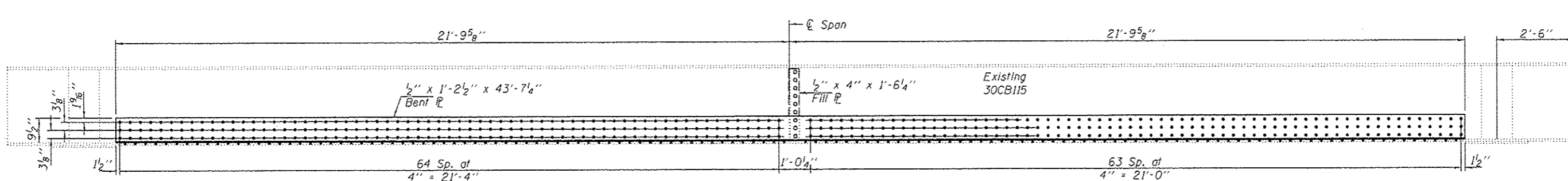
SECTION



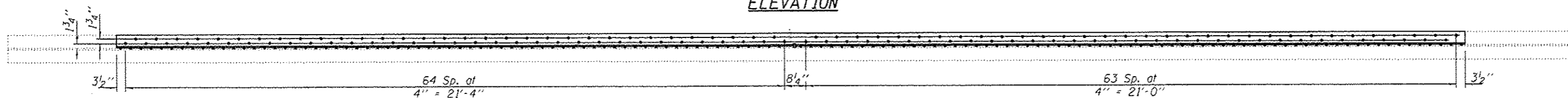
ELEVATION



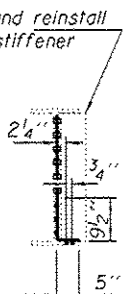
PLAN
ITEM 515



ELEVATION



PLAN
ITEM 297



SECTION

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	2540

DESIGNED VHV
CHECKED DAB
DRAWN baliva
CHECKED VHV DAB

PASSED

ACTING ENGINEER OF BRIDGES AND STRUCTURES

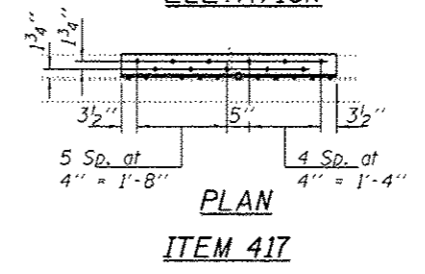
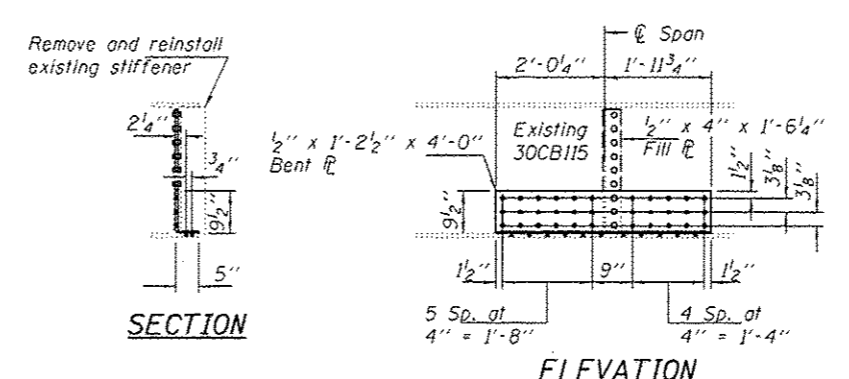
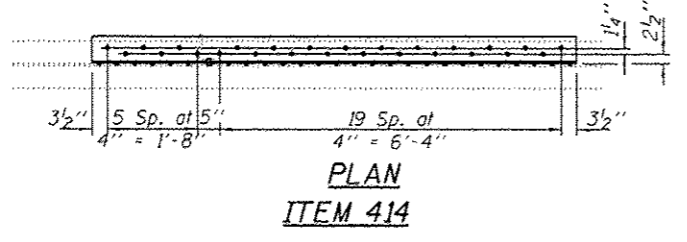
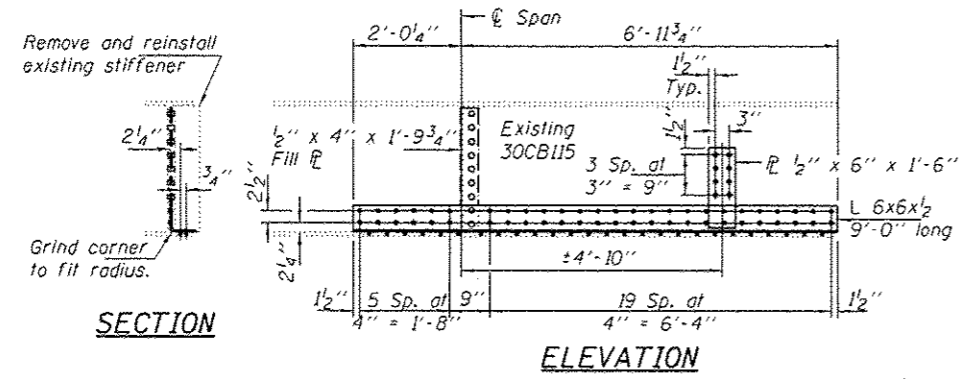
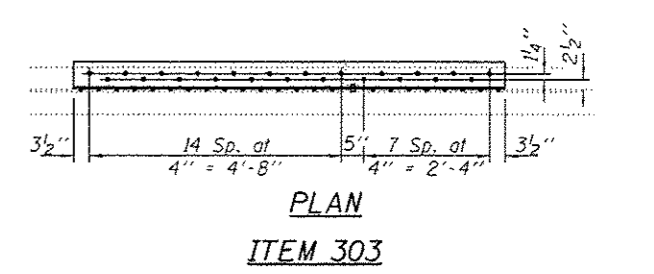
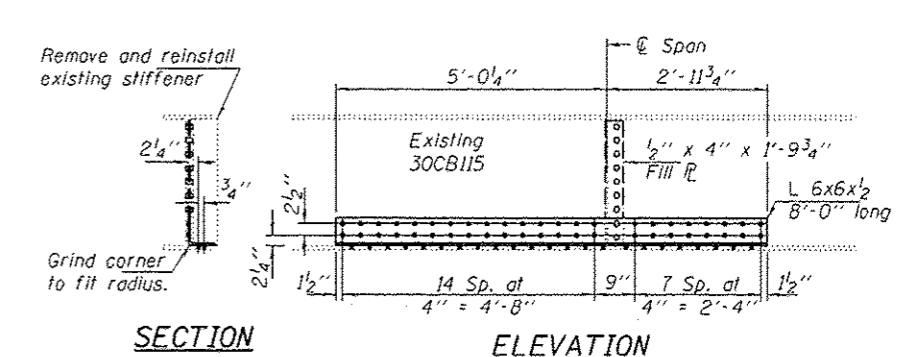
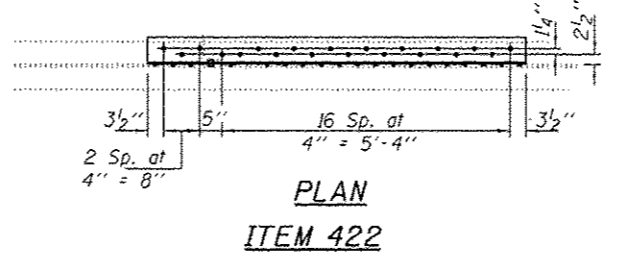
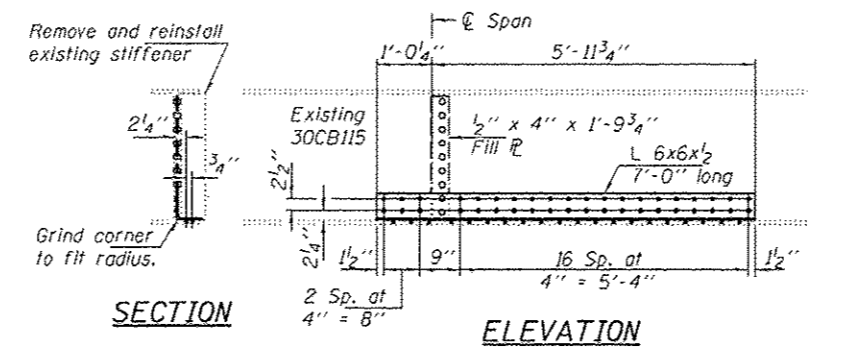
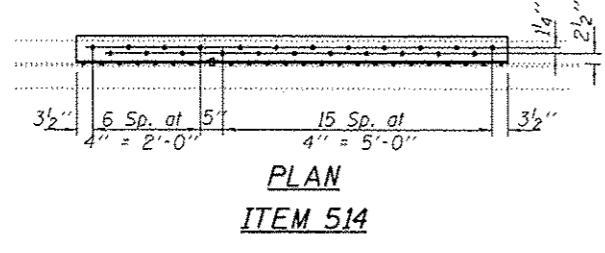
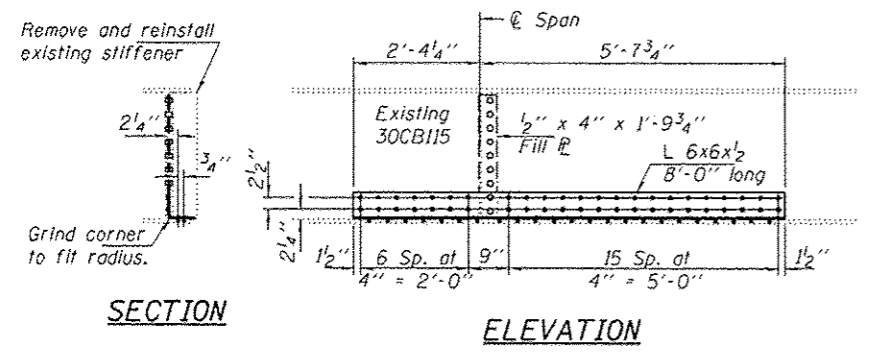
DATE OCTOBER 1, 2015
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM REPAIR DETAILS SPANS 1-3 & 22-37
SN 001-0019

SHEET NO. 22 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	112BH-1	ADAMS	45	25
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	



BOLT HOLE LEGEND

- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	1000

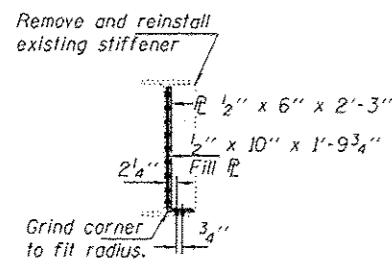
DESIGNED VHV
 CHECKED DAB
 DRAWN baliva
 CHECKED VHV DAB

PASSED
 DATE OCTOBER 1, 2015
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

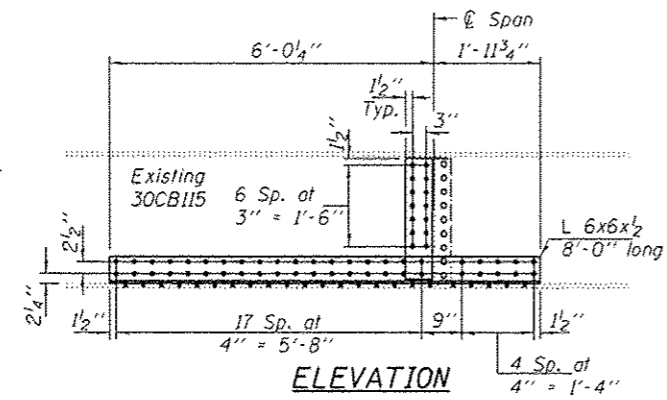
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BEAM REPAIR DETAILS SPANS 1-3 & 22-37
 SN 001-0019
 SHEET NO. 23 OF 24 SHEETS

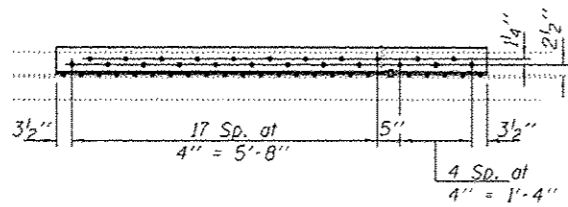
F.A.P. RTE. 63	SECTION 42B11-1	COUNTY ADAMS	TOTAL SHEETS 45	SHEET NO. 26
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	



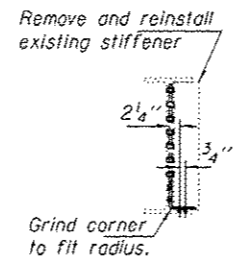
SECTION



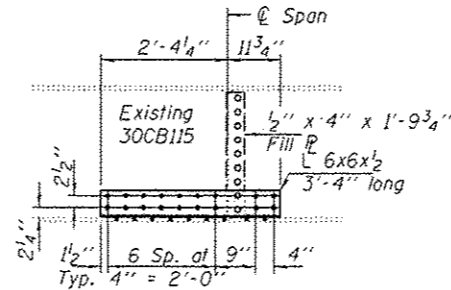
ELEVATION



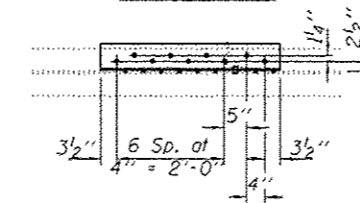
PLAN
ITEM 421



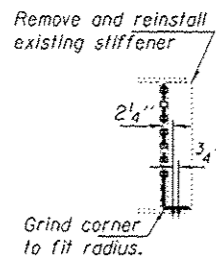
SECTION



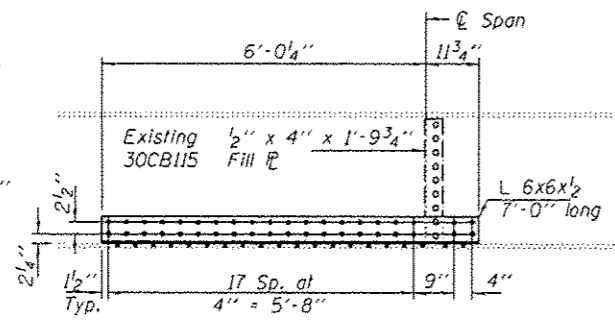
ELEVATION



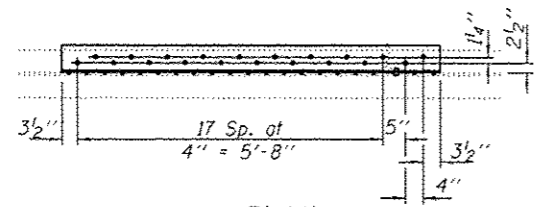
PLAN
ITEM 495



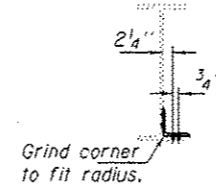
SECTION



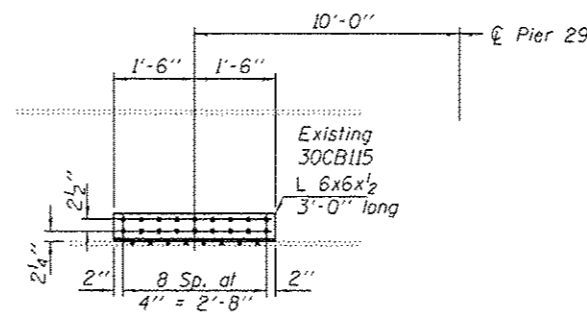
ELEVATION



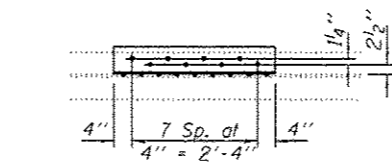
PLAN
ITEM 504



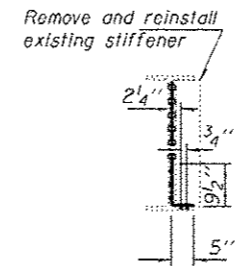
SECTION



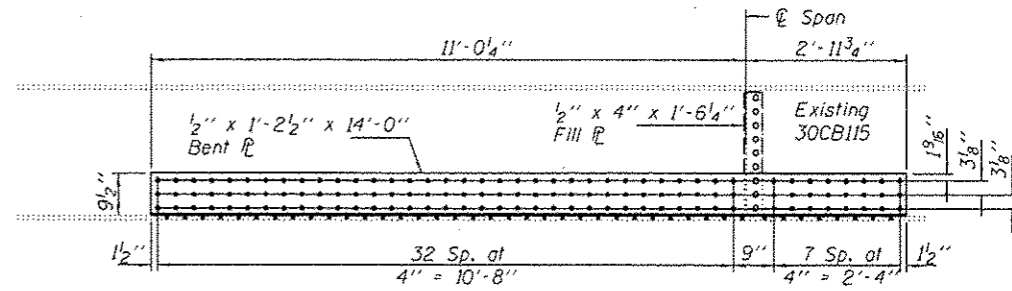
ELEVATION



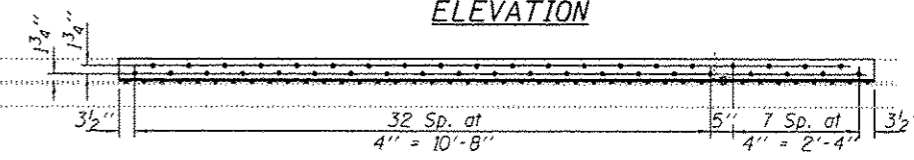
PLAN
ITEM 418



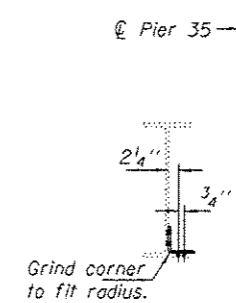
SECTION



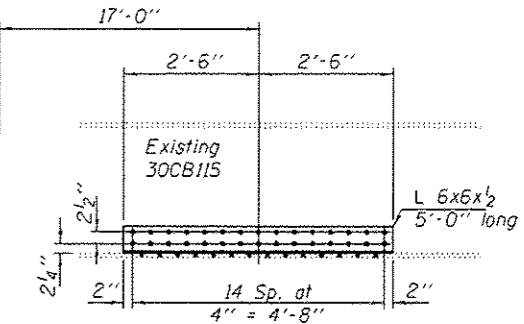
ELEVATION



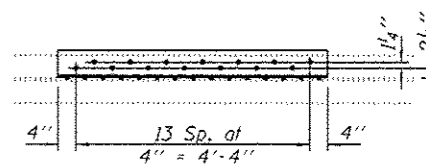
PLAN
ITEM 419



SECTION



ELEVATION



PLAN
ITEM 305

BOLT HOLE LEGEND

- - Holes to be shop drilled.
- - Holes to be field drilled using existing holes as template.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Steel Repair	Pound	1150

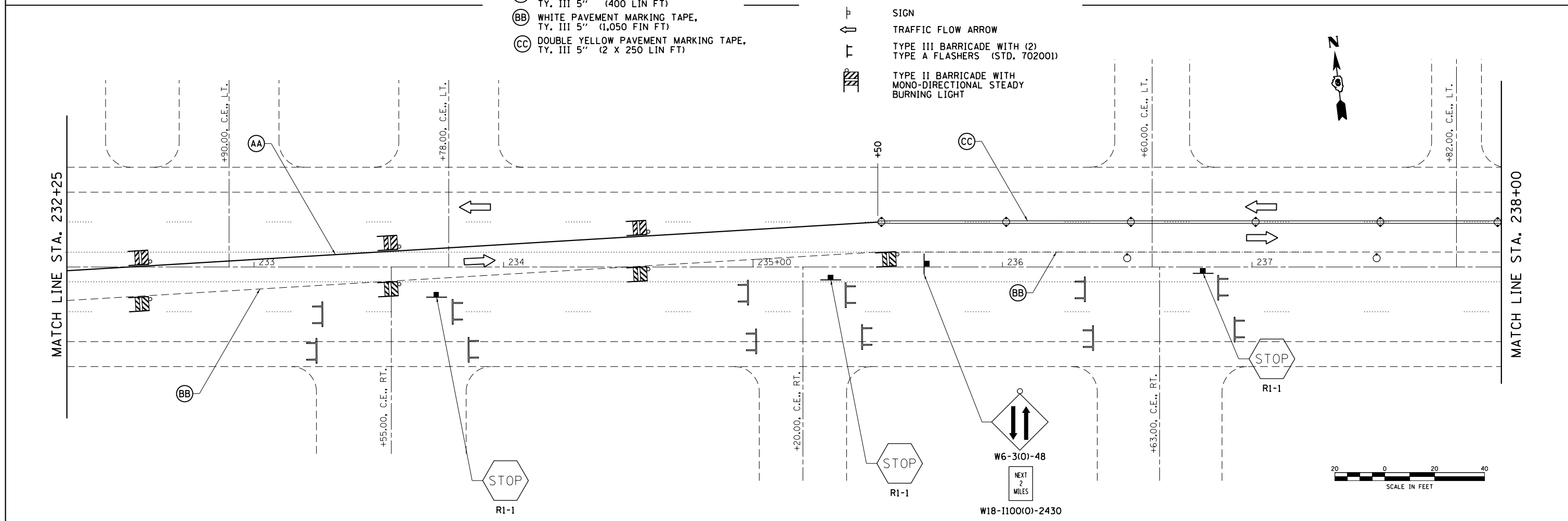
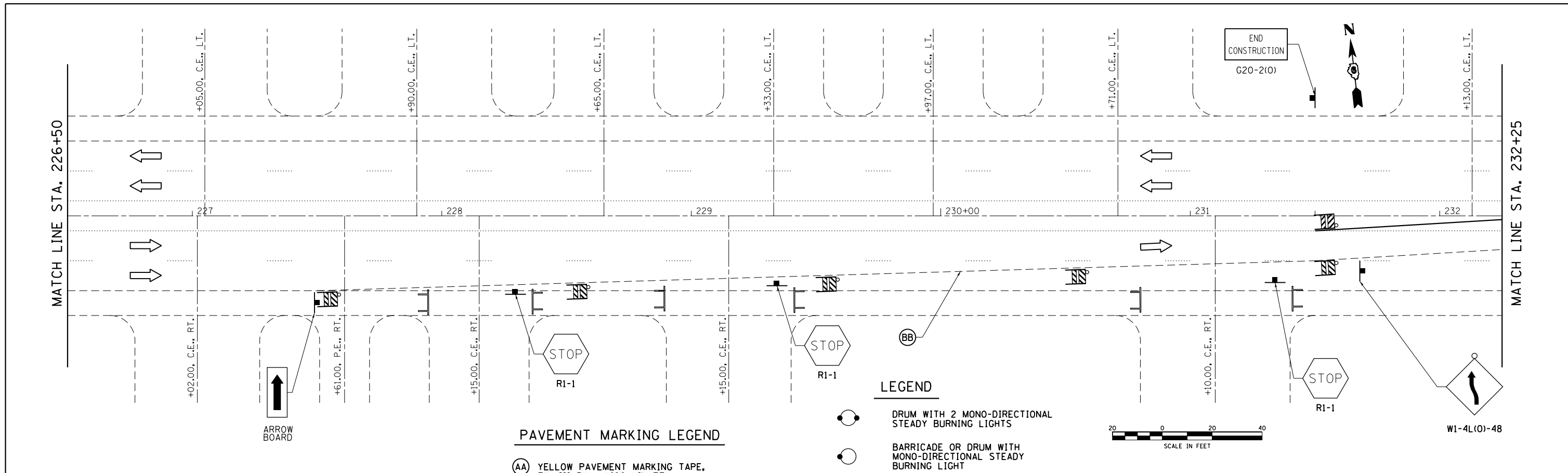
DESIGNED VHV
 CHECKED DAB
 DRAWN baliva
 CHECKED VHV DAB

DATE OCTOBER 1, 2015
 PASSED
 REVISIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BEAM REPAIR DETAILS SPANS 1-3 & 22-37
 SN 001-0019
 SHEET NO. 24 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	112B1-7	ADAMS	45	27
				CONTRACT NO. T2H65
ILLINOIS FED. AID PROJECT				



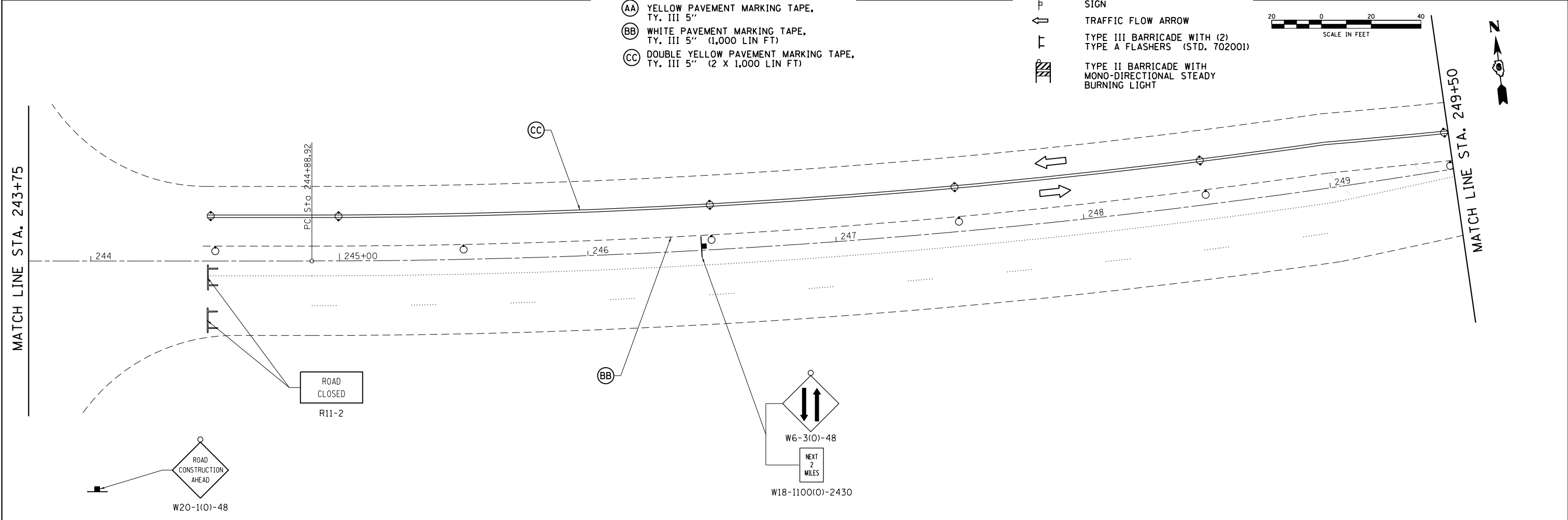
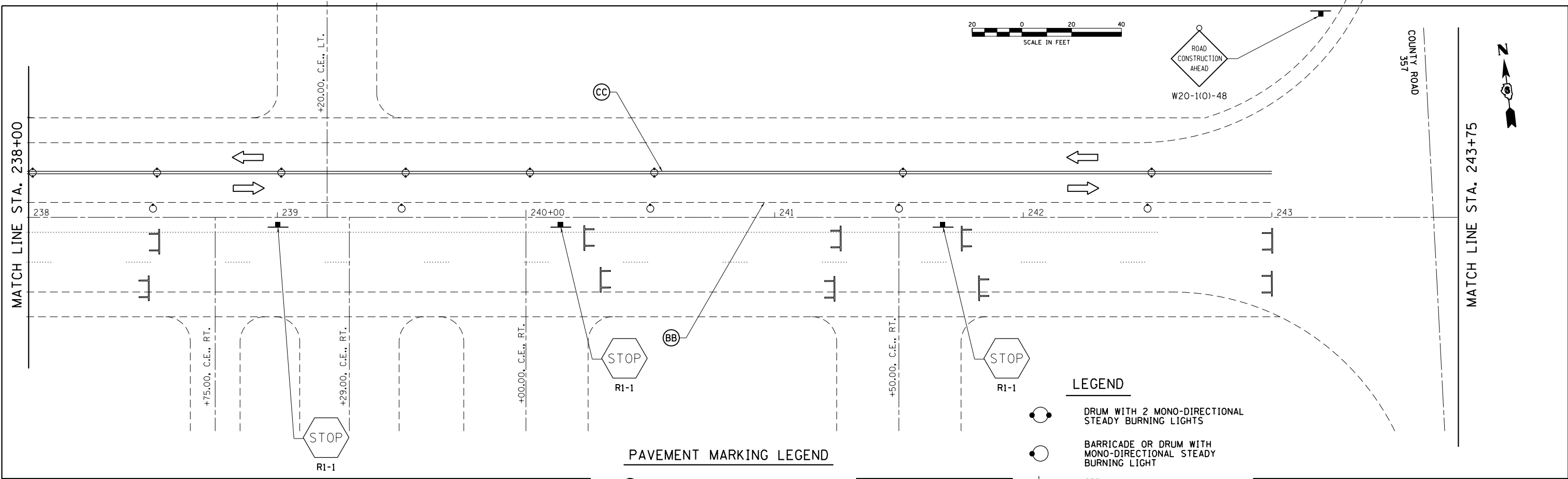
PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5" (400 LIN FT)
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (1,050 FIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 250 LIN FT)

LEGEND

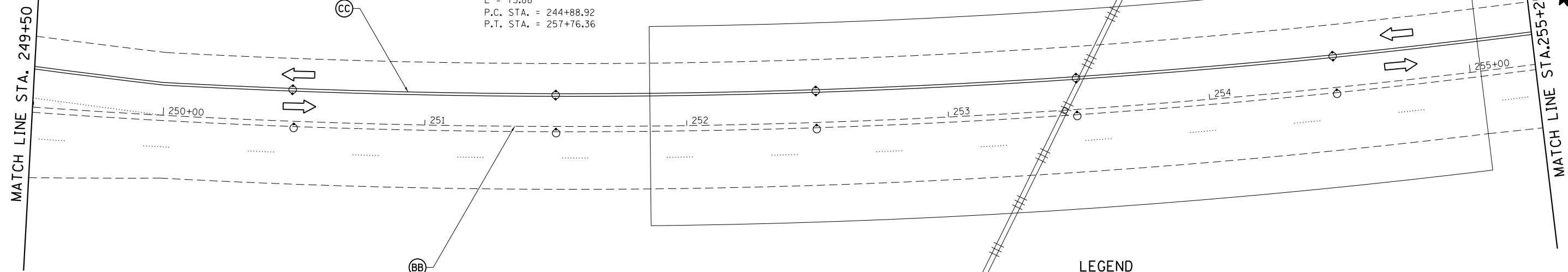
- DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

FILE NAME =	USER NAME = sparksgr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 63 (US 24) TRAF CONT & PROTECTION (SP)				F.A.P. R.T.E. = 63	SECTION = (12B)I-7	COUNTY = ADAMS	TOTAL SHEETS = 45	SHEET NO. = 29
Default	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 72H65	
	PLOT DATE = 8/17/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



FILE NAME =	USER NAME = sparksqw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 63 (US 24) TRAF CONT & PROTECTION (SP)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\IDOT Offices\District 6\Projects\0672\Drawings\EA0\Drawings\672465-sht-PM-pln.dwg		DRAWN -	REVISED -		63	(12BI)-7	ADAMS	45	30				
Default	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 72H65				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/17/2015	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

EXIST. CURVE 2
 PI STA. = 251+43.70
 $\Delta = 25^\circ 44' 56''$ (LT)
 D = 2° 00' 00"
 R = 2,864.78'
 T = 654.78'
 L = 1,287.44'
 E = 73.88'
 P.C. STA. = 244+88.92
 P.T. STA. = 257+76.36

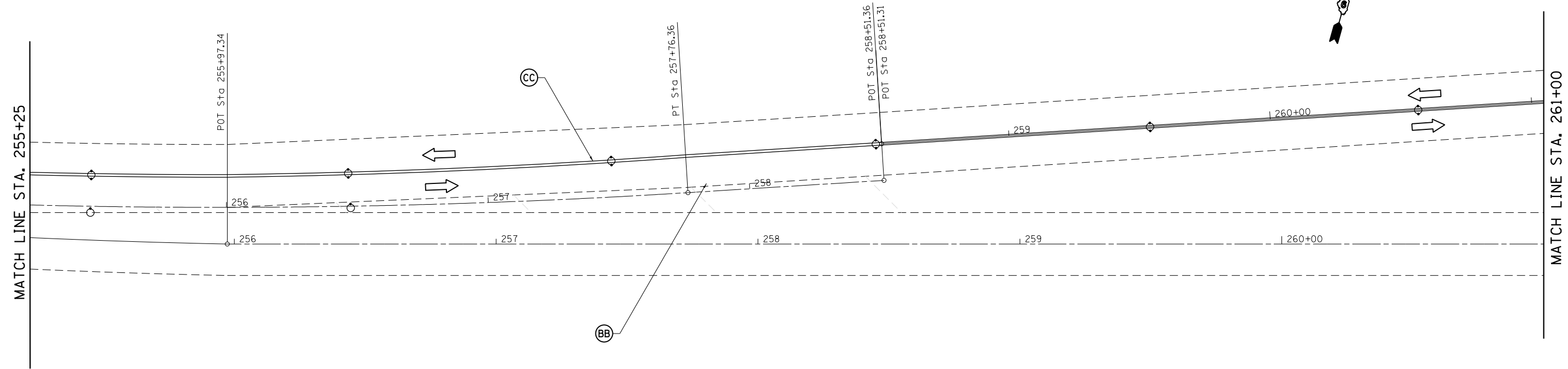


PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (1,150 LIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 1,150 LIN FT)

LEGEND

- DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



FILE NAME =	USER NAME = sparksgr	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\60\Sheets\0672H65-sht-PM-plr		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/17/2015	DATE -	REVISED -

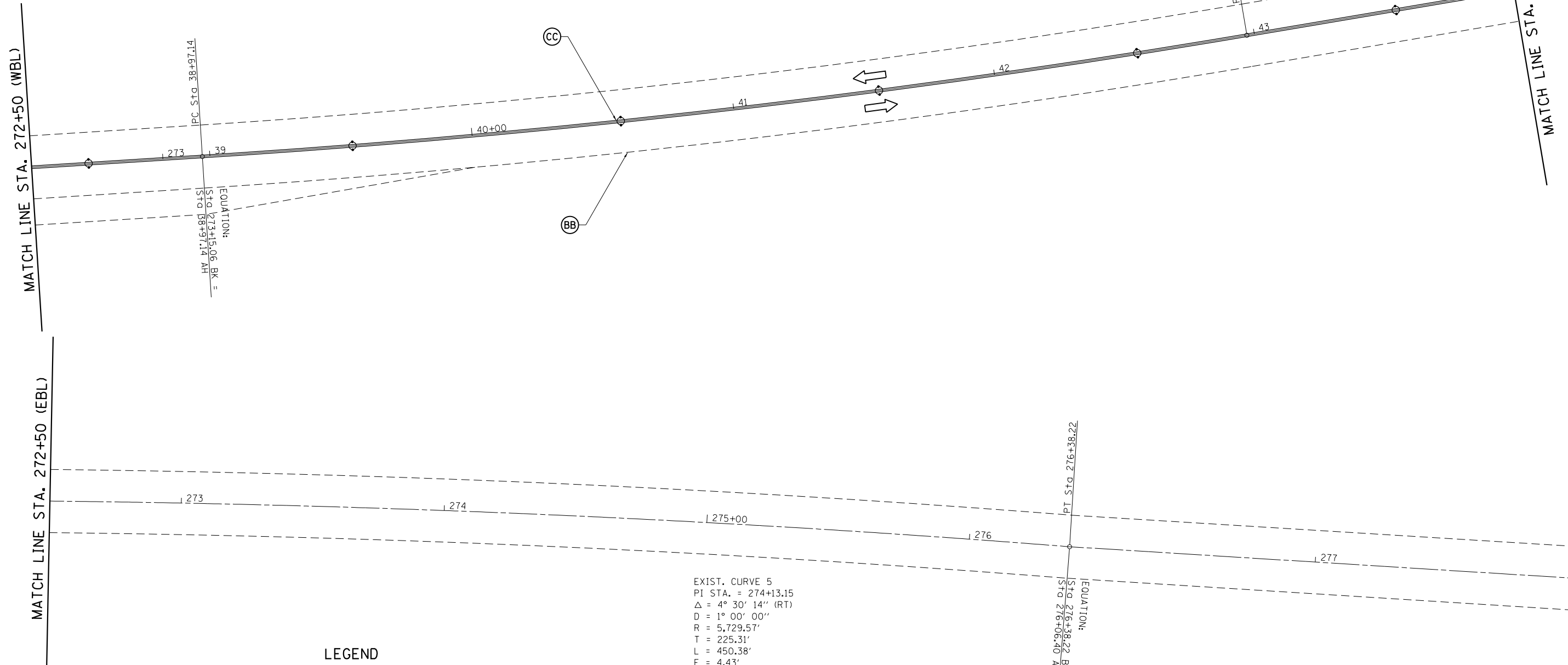
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 63 (US 24)
 TRAF CONT & PROTECTION (SP)**







SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(12BI-7	ADAMS	45	31
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	

EXIST. CURVE 10
 PI STA. = 40+97.32
 $\Delta = 6^\circ 00' 00''$ (LT)
 D = $1^\circ 30' 00''$
 R = 3,819.74'
 T = 200.18'
 L = 400.00'
 E = 5.24'
 P.C. STA. = 38+97.14
 P.T. STA. = 42+97.14



LEGEND

-  DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
-  BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
-  SIGN
-  TRAFFIC FLOW ARROW
-  TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
-  TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (570 LIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 570 LIN FT)

EXIST. CURVE 5
 PI STA. = 274+13.15
 $\Delta = 4^\circ 30' 14''$ (RT)
 D = $1^\circ 00' 00''$
 R = 5,729.57'
 T = 225.31'
 L = 450.38'
 E = 4.43'
 P.C. STA. = 271+87.84
 P.T. STA. = 276+38.22

EQUATION:
 STA 276+06.40 AH =
 STA 276+38.22 BK =
 STA 276+06.40 AH

FILE NAME =	USER NAME = sparksgr	DESIGNED -	REVISED -
pw\11084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\Sheets\0672H65-sht-PM-plr		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/17/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAP 63 (US 24)
 TRAF CONT & PROTECTION (SP)**

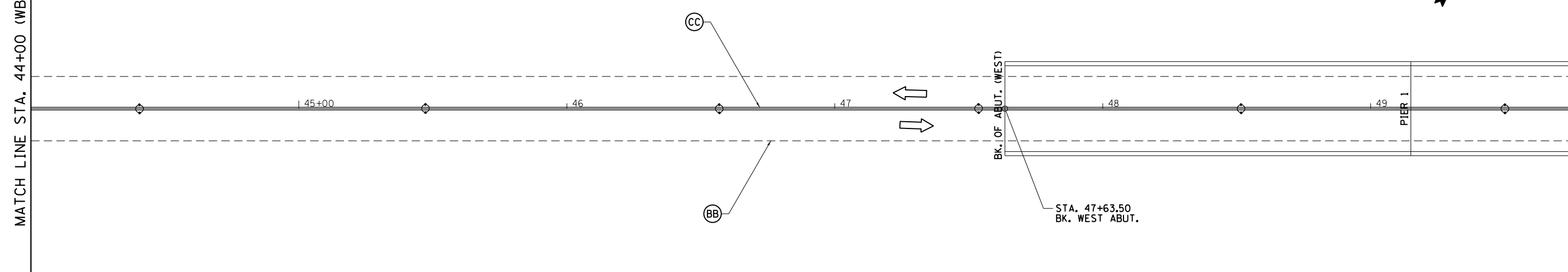
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(12BI)-7	ADAMS	45	33
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 44+00 (WBL)

MATCH LINE STA. 49+75 (WBL)



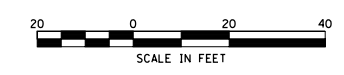
PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (575 LIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 575 LIN FT)

WESTBOUND LANES

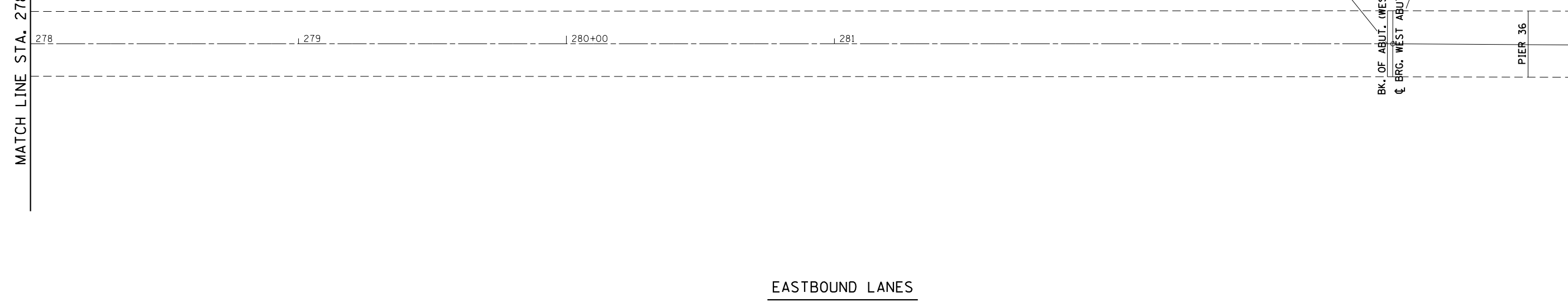
LEGEND

- DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



MATCH LINE STA. 278+00 (EBL)

MATCH LINE (EBL)



EASTBOUND LANES

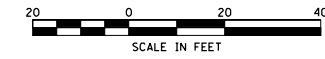
FILE NAME =	USER NAME = sparksgr	DESIGNED -	REVISED -
p:\11\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\Sheets\0672H65-sht-PM-pl		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/17/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 63 (US 24)
TRAF CONT & PROTECTION (SP)**

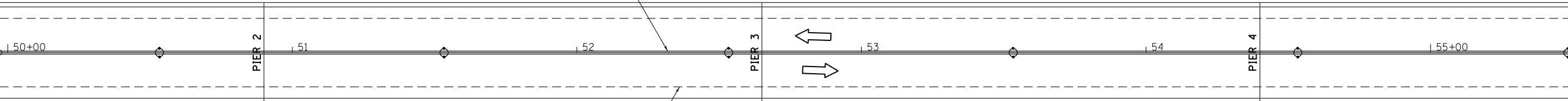
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
--------	-------	----	--------	------	----	------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(12BI-7)	ADAMS	45	34
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 49+75 (WBL)

POINT Sta. 49+97.14



MATCH LINE STA. 55+50 (WBL)

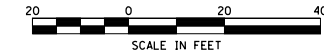
PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (575 LIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 575 LIN FT)

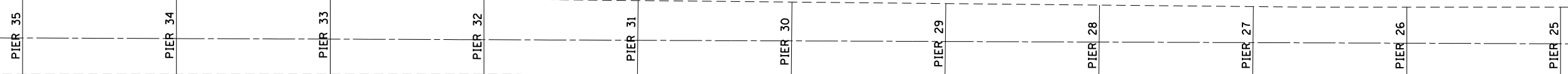
WESTBOUND LANES

LEGEND

- DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



MATCH LINE (EBL)



MATCH LINE (EBL)

EASTBOUND LANES

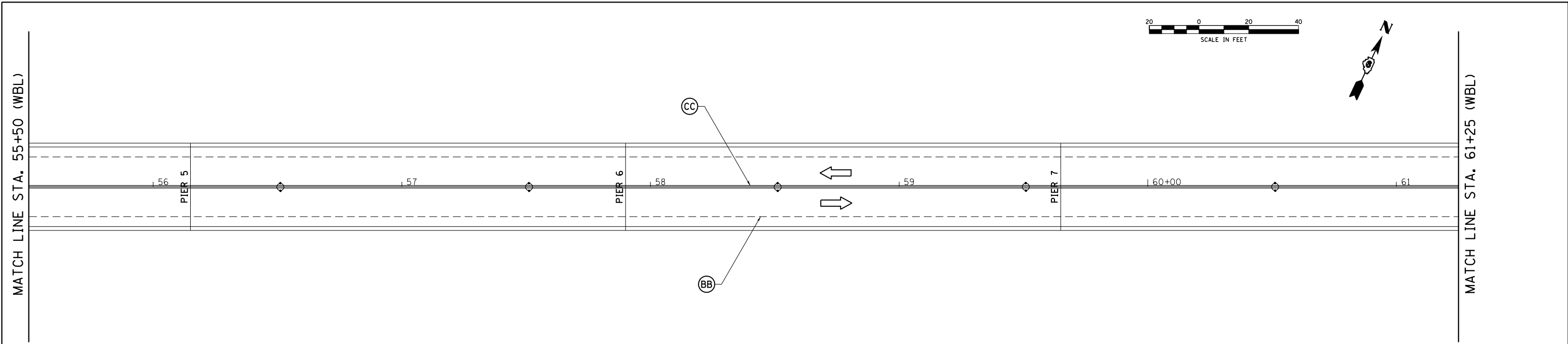
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
Default		CHECKED -	REVISED -
	PLOT DATE = 8/17/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 63 (US 24)
TRAF CONT & PROTECTION (SP)**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
--------	-------	----	--------	------	----	------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(12B)-7	ADAMS	45	35
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	



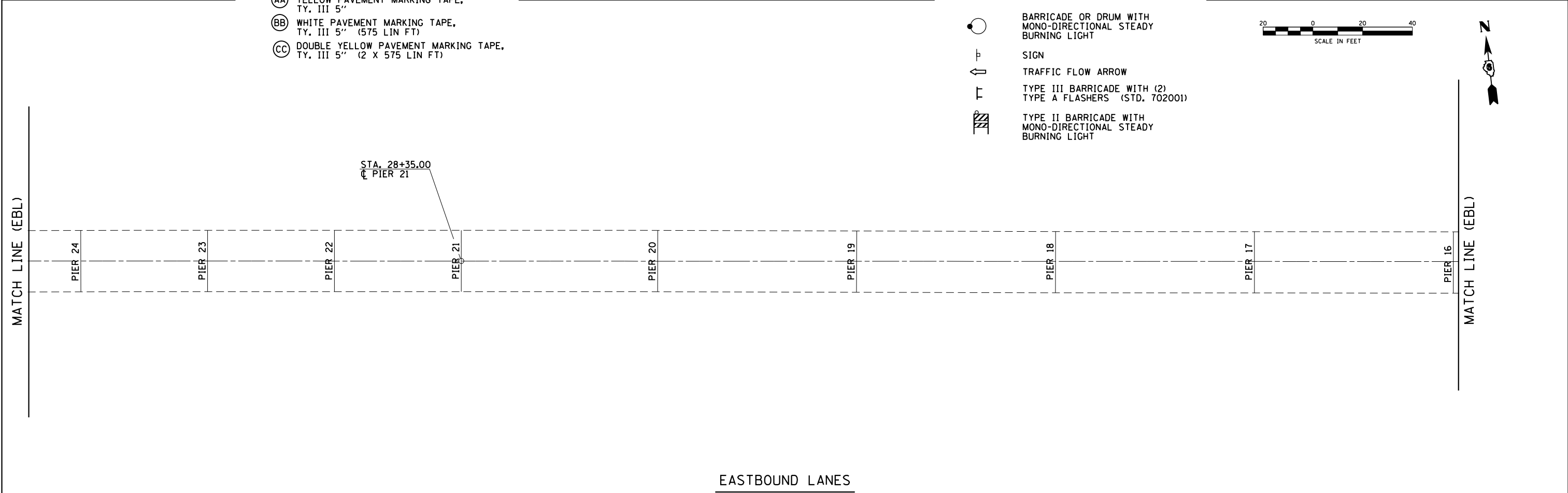
PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (575 LIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 575 LIN FT)

WESTBOUND LANES

LEGEND

- DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



EASTBOUND LANES

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672\Drawings\EA0\Drawings\0672\0672-SP-15-001-15-001.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/17/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

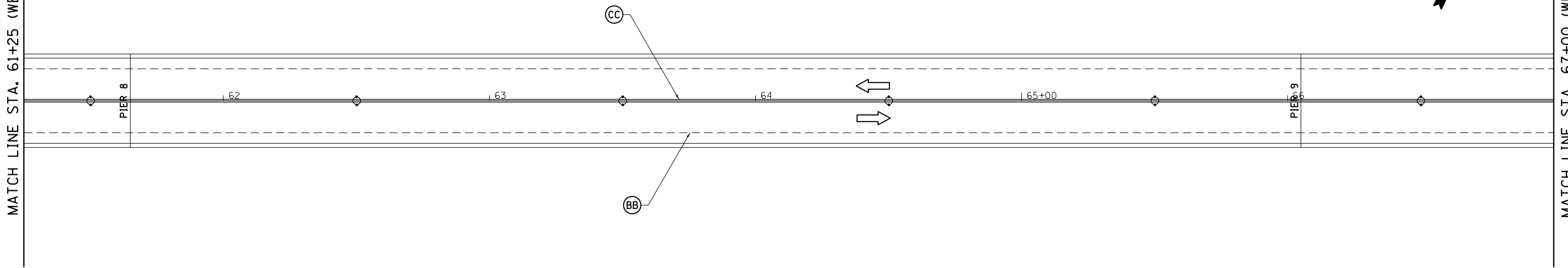
**FAP 63 (US 24)
TRAF CONT & PROTECTION (SP)**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
--------	-------	----	--------	------	----	------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(1ZBI-7)	ADAMS	45	36
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	

MATCH LINE STA. 61+25 (WBL)

MATCH LINE STA. 67+00 (WBL)



PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (575 LIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 575 LIN FT)

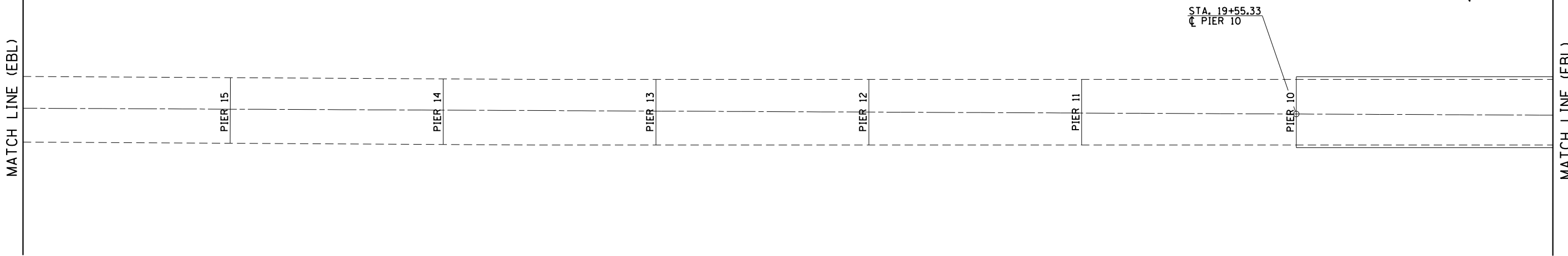
WESTBOUND LANES

LEGEND

- DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

MATCH LINE (EBL)

MATCH LINE (EBL)



EASTBOUND LANES

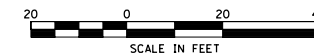
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\0672\0672-SP-PM-15-001.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/17/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 63 (US 24)
TRAF CONT & PROTECTION (SP)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(12BI)-7	ADAMS	45	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H65	



MATCH LINE STA. 67+00 (WBL)

MATCH LINE STA. 72+75 (WBL)

PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (575 LIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 575 LIN FT)

WESTBOUND LANES

LEGEND

- DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



MATCH LINE (EBL)

MATCH LINE (EBL)

EASTBOUND LANES

STA. 13+27.67
C PIER 9

PIER 9

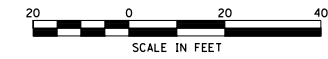
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
p:\11\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\sheets\0672H65-sht-PM-pl		CHECKED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = 8/17/2015		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 63 (US 24)
TRAF CONT & PROTECTION (SP)**

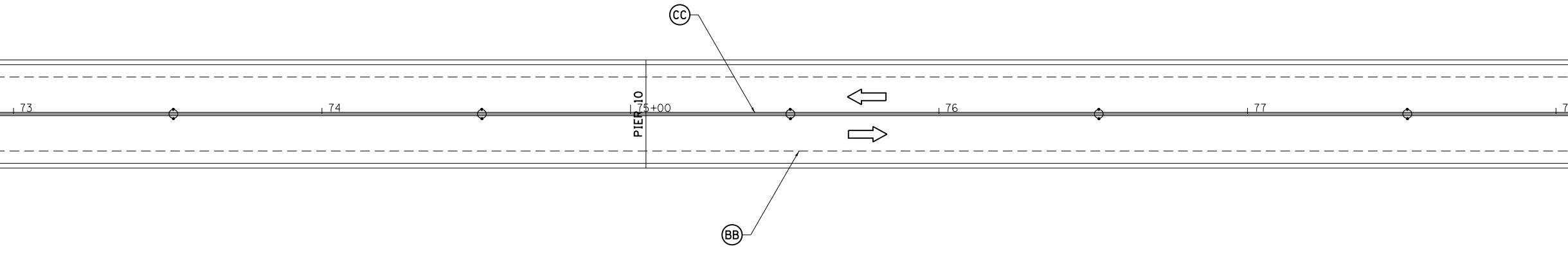
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(12B)-7	ADAMS	45	38
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	



MATCH LINE STA. 72+75 (WBL)

MATCH LINE STA. 78+50 (WBL)



PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (575 LIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 575 LIN FT)

WESTBOUND LANES

LEGEND

- DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



MATCH LINE (EBL)

MATCH LINE (EBL)

EASTBOUND LANES

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
p:\11\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\sheets\0672H65-sht-PM-pl		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/17/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FAP 63 (US 24)
TRAF CONT & PROTECTION (SP)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(12BI)-7	ADAMS	45	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72H65	

MATCH LINE STA. 78+50 (WBL)

MATCH LINE STA. 84+25 (WBL)



79 PIER 11 80+00 81 PIER 12 82 83 PIER 13 84



PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (575 LIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 575 LIN FT)

WESTBOUND LANES

LEGEND

- DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



MATCH LINE (EBL)

PIER 8

PIER 7

PIER 6

PIER 5

PIER 4

PIER 3

PIER 2

PIER 1

CL. BRG. EAST ABUT.
BK. OF ABUT. (EAST)

EASTBOUND LANES

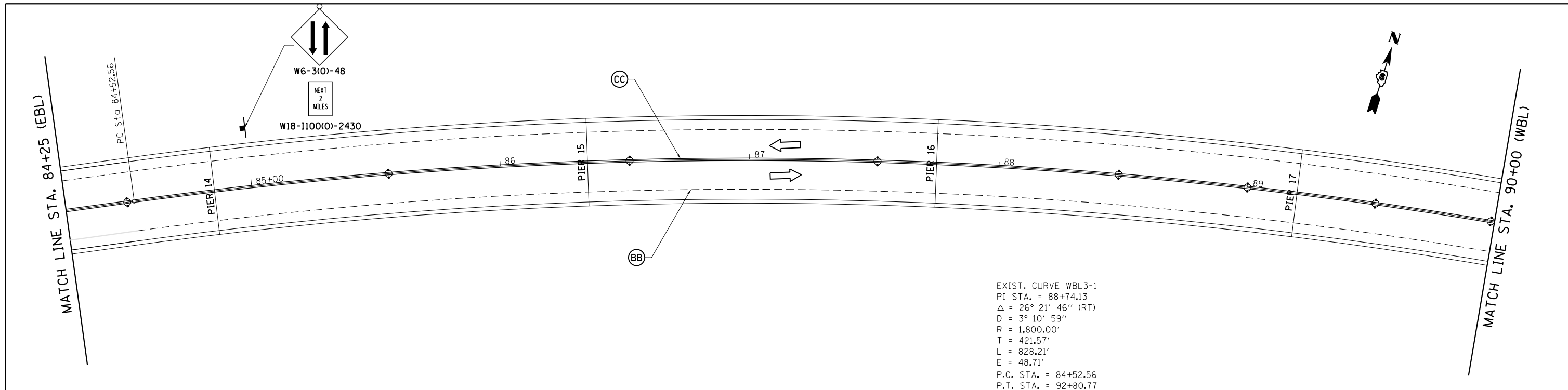
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 6\Projects\0672\Drawings\EA0\Sheets\0672H65-sht-PM-plr		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/17/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 63 (US 24)
TRAF CONT & PROTECTION (SP)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(12B)-7	ADAMS	45	40
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	



EXIST. CURVE WBL3-1
 PI STA. = 88+74.13
 Δ = 26° 21' 46" (RT)
 D = 3° 10' 59"
 R = 1,800.00'
 T = 421.57'
 L = 828.21'
 E = 48.71'
 P.C. STA. = 84+52.56
 P.T. STA. = 92+80.77

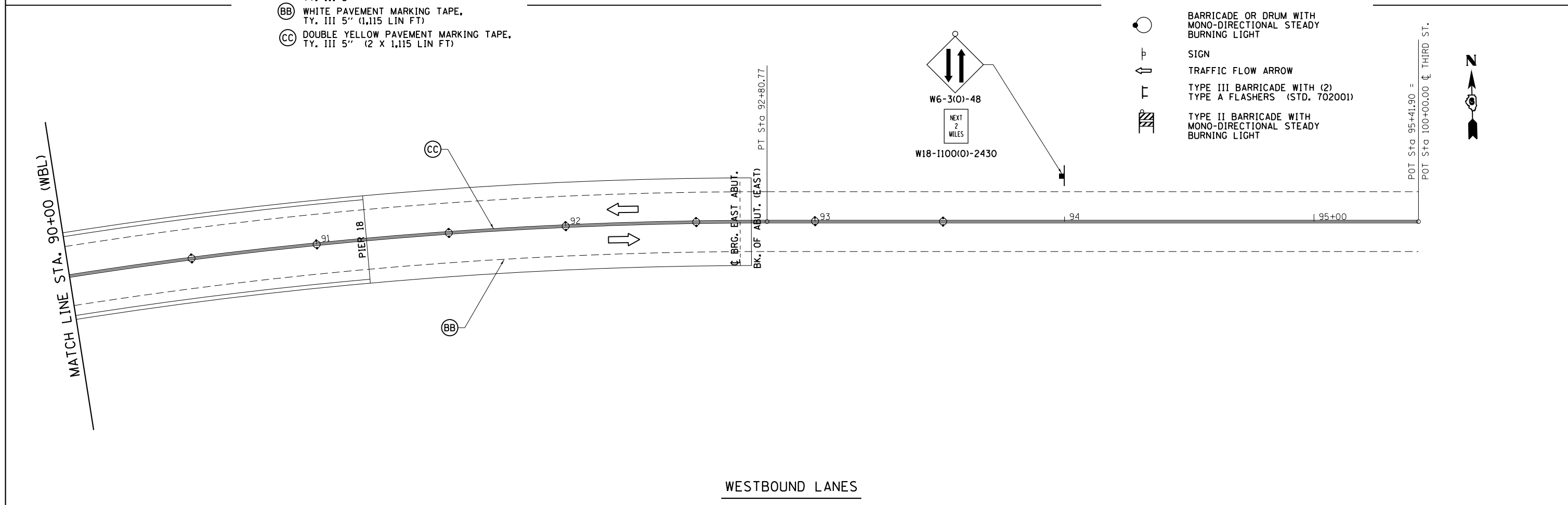
PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (1,115 LIN FT)
- (CC) DOUBLE YELLOW PAVEMENT MARKING TAPE, TY. III 5" (2 X 1,115 LIN FT)

WESTBOUND LANES

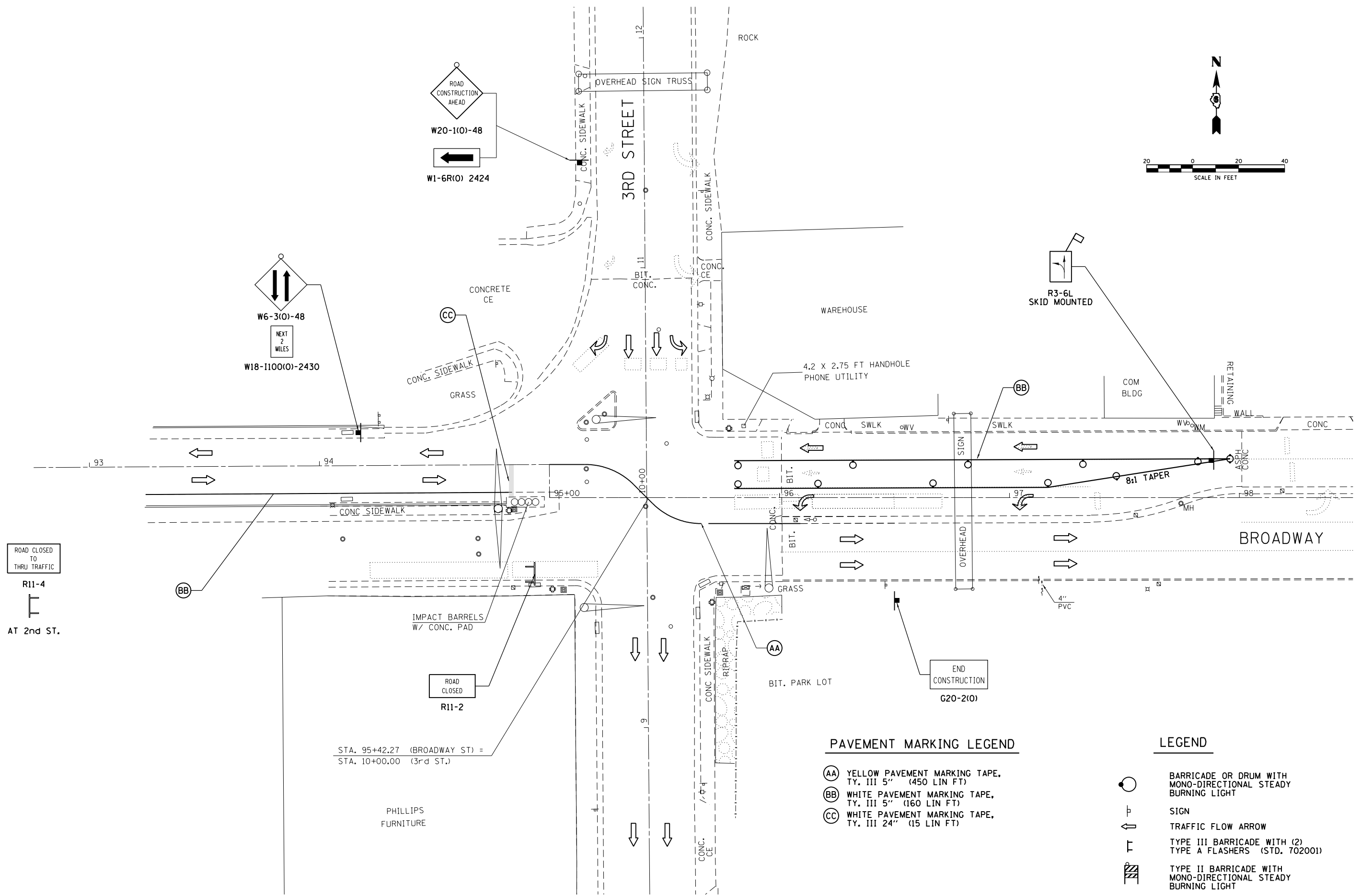
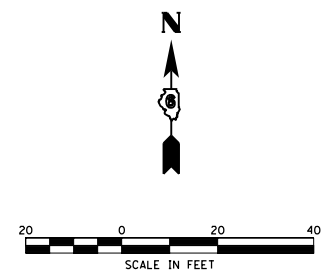
LEGEND

- DRUM WITH 2 MONO-DIRECTIONAL STEADY BURNING LIGHTS
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



WESTBOUND LANES

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 63 (US 24) TRAF CONT & PROTECTION (SP)			F.A.P. RTE. = 63	SECTION = (12BI-7)	COUNTY = ADAMS	TOTAL SHEETS = 45	SHEET NO. = 41
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT
	PLOT DATE = 8/17/2015	DATE -	REVISED -		CONTRACT NO. 72H65							
					CONTRACT NO. 72H65							



ROAD CLOSED TO THRU TRAFFIC
R11-4
AT 2nd ST.

ROAD CLOSED
R11-2

END CONSTRUCTION
G20-210

PAVEMENT MARKING LEGEND

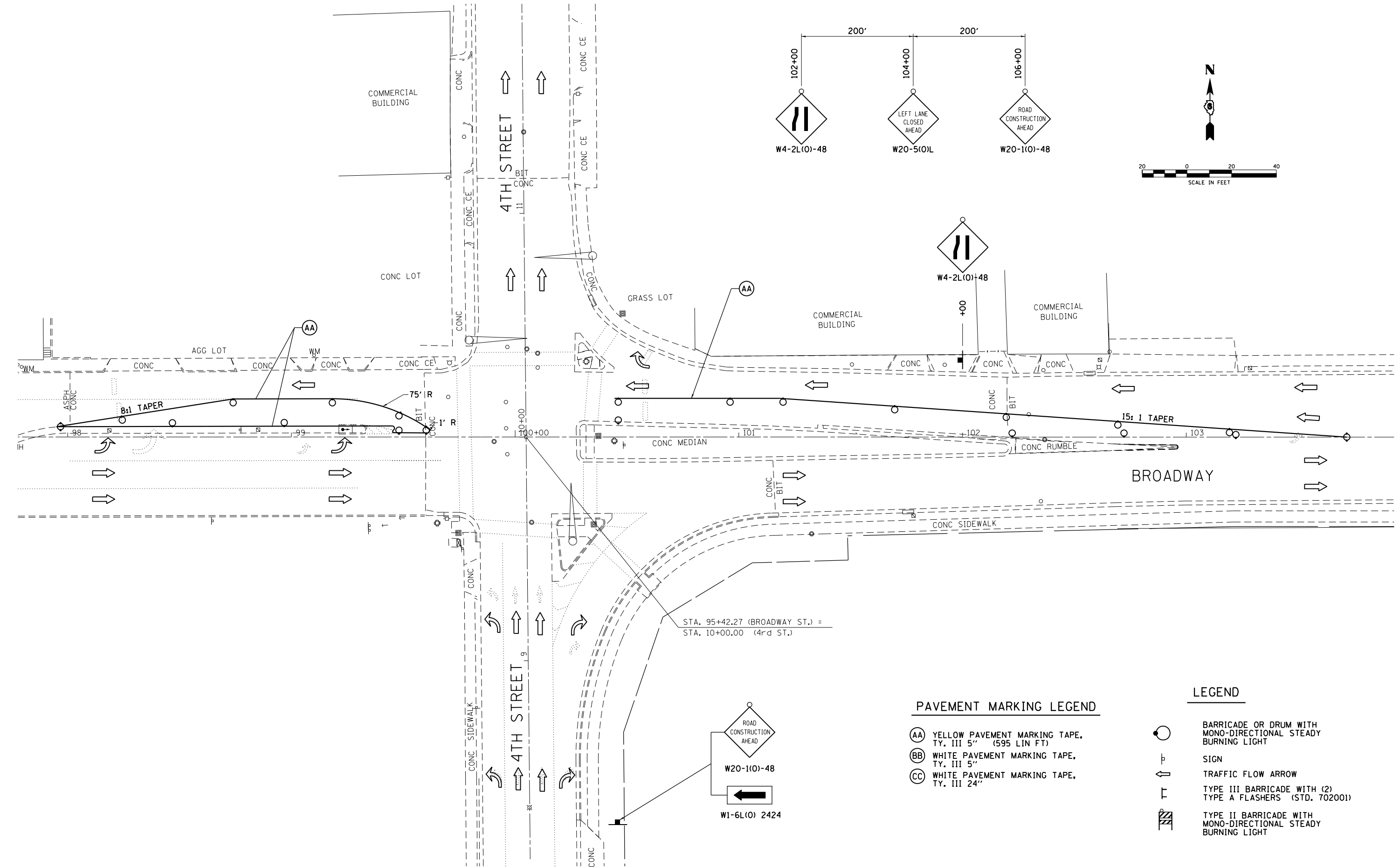
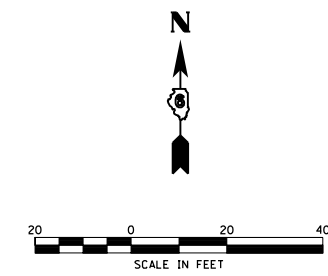
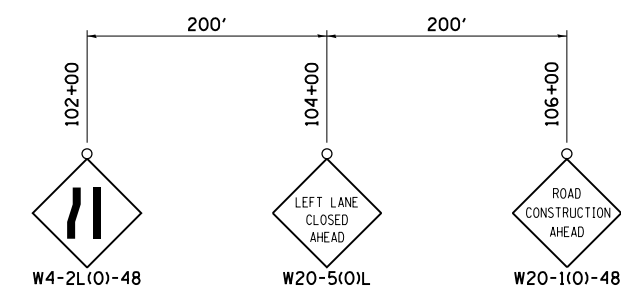
- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5" (450 LIN FT)
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5" (160 LIN FT)
- (CC) WHITE PAVEMENT MARKING TAPE, TY. III 24" (15 LIN FT)

LEGEND

- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

STA. 95+42.27 (BROADWAY ST) =
STA. 10+00.00 (3rd St.)

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	3RD STREET & BROADWAY TRAF CONT & PROTECTION (SP)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\0672\Drawings\EA0\Drawings\0672\0672-INT.dwg		CHECKED -	REVISED -		63	(12)BI-7	ADAMS	45	42			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 72H65				
	PLOT DATE = 8/17/2015				ILLINOIS FED. AID PROJECT							



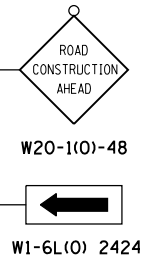
STA. 95+42.27 (BROADWAY ST.) =
STA. 10+00.00 (4th ST.)

PAVEMENT MARKING LEGEND

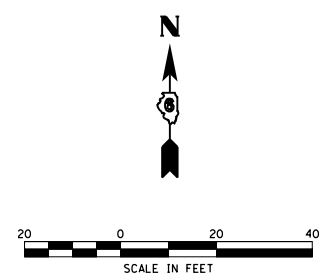
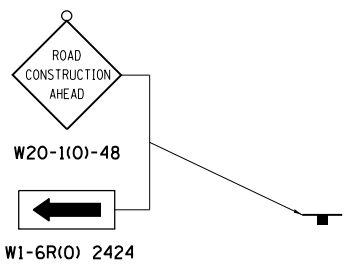
- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5" (595 LIN FT)
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5"
- (CC) WHITE PAVEMENT MARKING TAPE, TY. III 24"

LEGEND

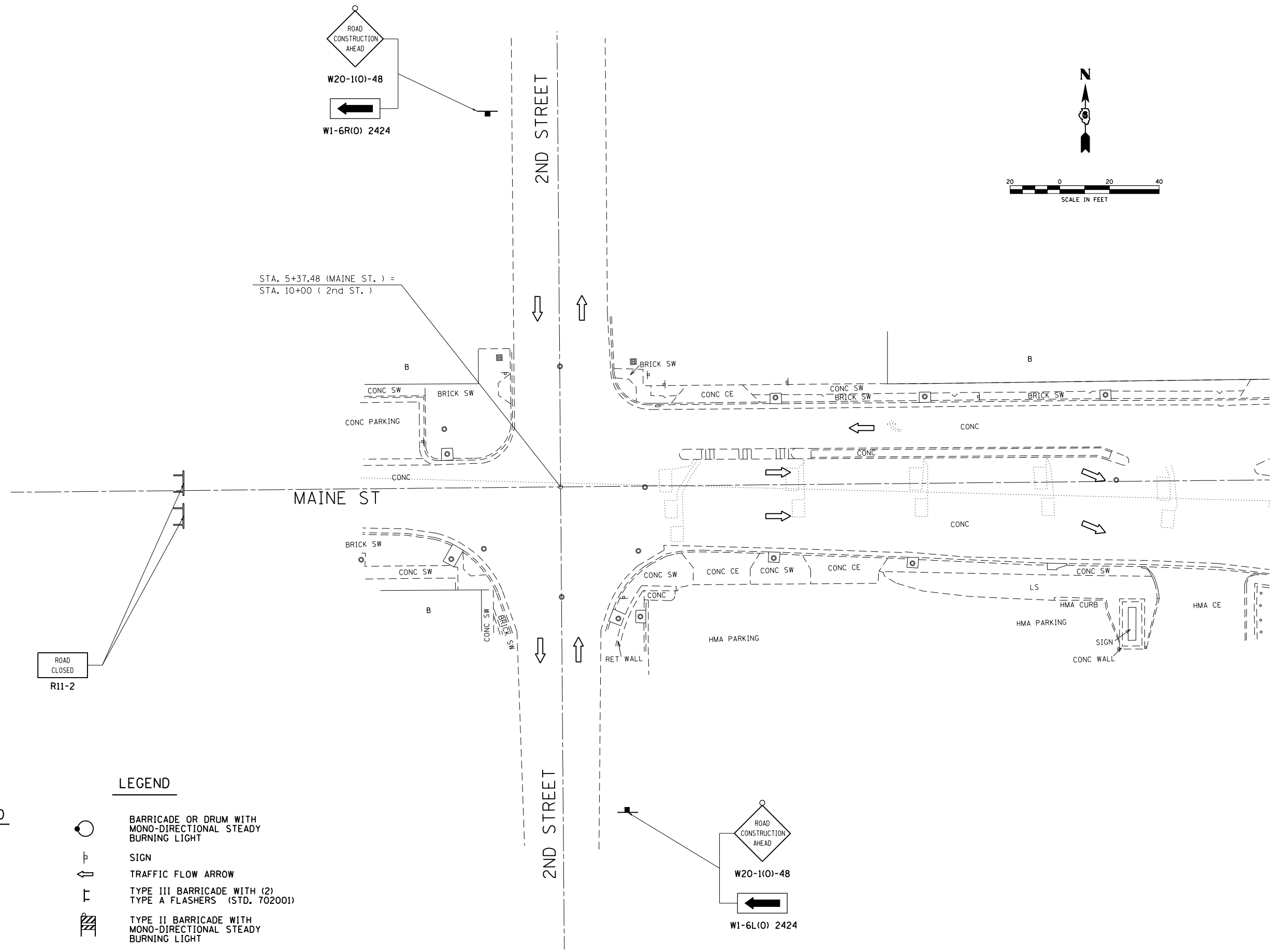
- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



FILE NAME =	USER NAME = sparksqw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	4TH STREET & BROADWAY TRAF CONT & PROTECTION (SP)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBID\INTEG\Illinois.gov\PWIDOT\Documents\IDOT_Offices\District_6\Projects\D672465\Drawings\600sheets\D672465-shr-INT.dgn	DESIGNED -	REVISED -	63			(12)BI-7	ADAMS	45	43	
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 72H65				
	PLOT DATE = 8/17/2015	DATE -	REVISED -	ILLINOIS FED. AID PROJECT						
		SCALE:		SHEET	OF SHEETS	STA.	TO STA.			



STA. 5+37.48 (MAINE ST.) =
STA. 10+00 (2nd ST.)

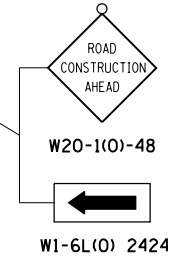


LEGEND

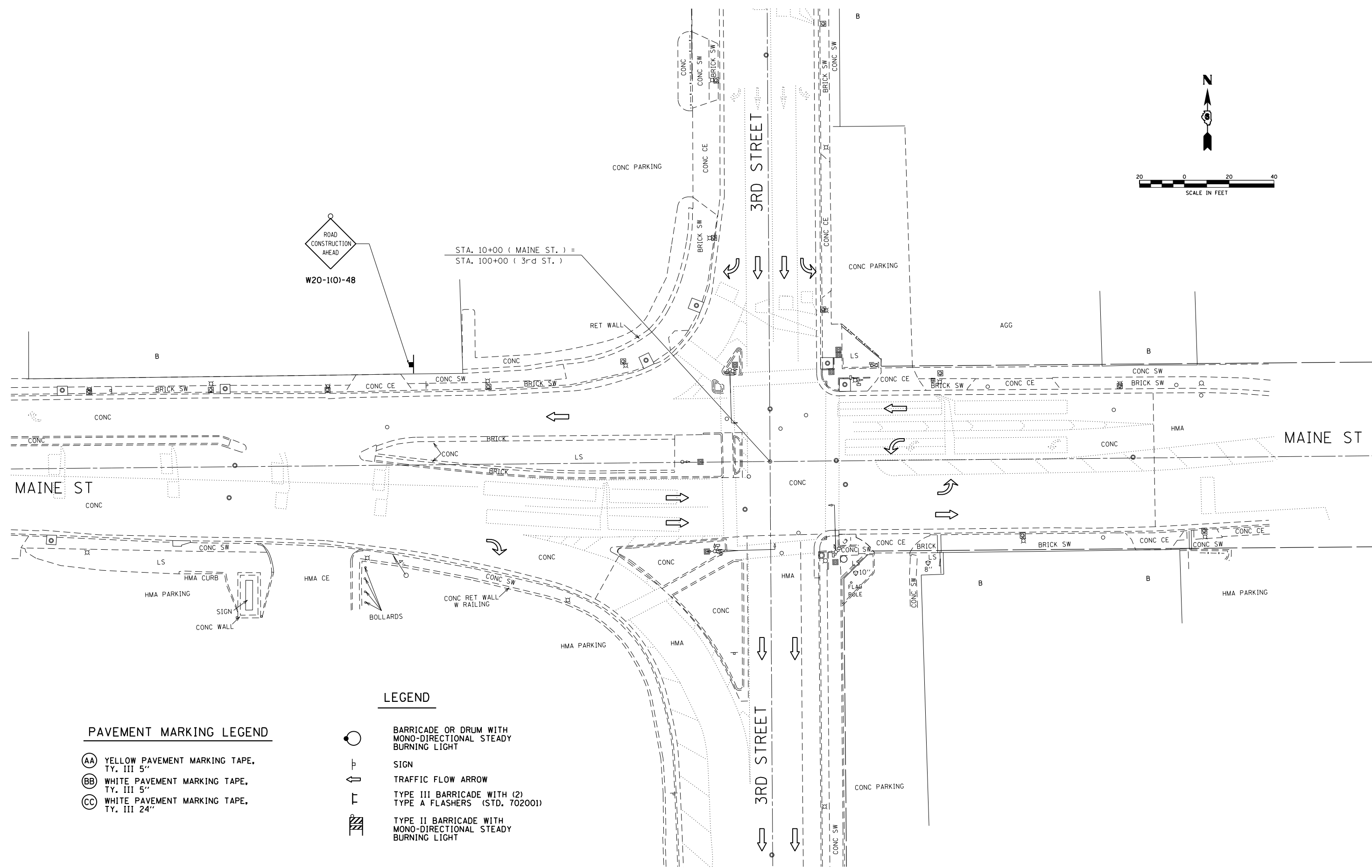
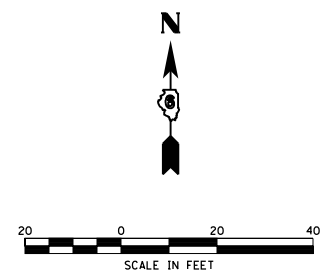
PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5"
- (CC) WHITE PAVEMENT MARKING TAPE, TY. III 24"

- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2ND STREET & MAINE ST TRAF CONT & PROTECTION (SP)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\IDOT Offices\District 6\Projects\0672\Drawings\0672\0672-INT\0672-INT.dwg		REVISIONS	REVISIONS		63	(12B)-7	ADAMS	45	44				
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 72H65								
	PLOT DATE = 8/17/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



PAVEMENT MARKING LEGEND

- (AA) YELLOW PAVEMENT MARKING TAPE, TY. III 5"
- (BB) WHITE PAVEMENT MARKING TAPE, TY. III 5"
- (CC) WHITE PAVEMENT MARKING TAPE, TY. III 24"

LEGEND

- BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- SIGN
- TRAFFIC FLOW ARROW
- TYPE III BARRICADE WITH (2) TYPE A FLASHERS (STD. 702001)
- TYPE II BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
p:\11\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 6\Projects\06724672467\Drawings\06724672467\06724672467-INT.dwg		REVISIONS	REVISIONS
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/17/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**3RD STREET & MAINE ST
TRAF CONT & PROTECTION (SP)**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
--------	-------	----	--------	------	----	------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
63	(12B)-7	ADAMS	45	45
CONTRACT NO. 72H65			ILLINOIS FED. AID PROJECT	