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				6-01453-0000
				80% FEDERAL 20% STATE
				BRIDGE
				0059
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	S.N. 059-0500
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	250	250
* X5060601	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	1
X6024503	INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL)	EACH	4	4
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	1
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	3	3
* Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	1
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	1223	1223
Z0012164	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/2"	SQ YD	1223	1223
∅ Z0076600	TRAINEES	HOUR	500	500
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	35	35
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500
Z0016200	DECK SLAB REPAIR (PARTIAL DEPTH)	SQ YD	253	253

* SPECIALTY ITEM

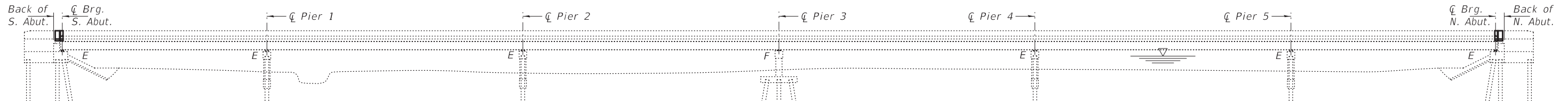
∅ 0042



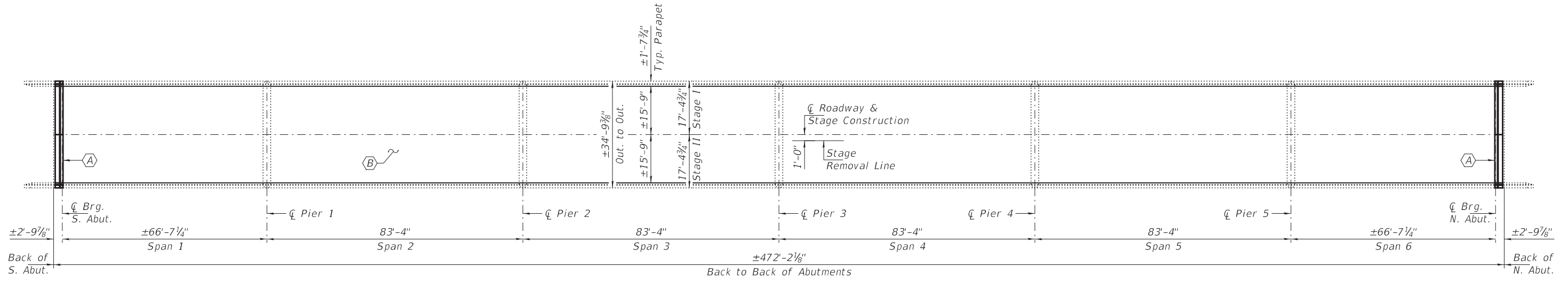
⚠ REVISED 2-14-2022

REV. - MS

USER NAME = milesra	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -						608	(122) BDR	MACOUPIN	21	5
PLOT DATE = 12/23/2021	CHECKED -	REVISED -		SCALE: N/A	SHEET 1	OF 1	SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 72M28		
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



ELEVATION



PLAN

GENERAL NOTES

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.

Reinforcement bars designated (E) shall be epoxy coated.

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

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

Cleaning and painting existing steel as specified in the Special Provision for "Cleaning and Painting Existing Structures" and as specified below:

- Existing structural steel where shown on the plans shall be cleaned per requirements of near white blast cleaning (SPPC-SP-10).
- The cleaning areas of the structural steel shall be primed per the requirements of "Paint System 1-0Z/E/U."
- The color of the final finish coat shall be Gray, Munsell No. 5B 7/1.
- The SPPC-QP1 Certification will be required for this project.
- A minimum of one (1) high volume air monitor will be required to monitor air quality during dust operation, Special Provisions.
- Containment and Disposal of paint residues shall be as specified by the Special Provisions "Containment and Disposal of Non-Lead Cleaning Residues."

SCOPE OF WORK

- (A) - Expansion Joint Removal & Replacement
- (B) - Bridge Deck Scarification, 3/4" and New Microsilica Concrete Overlay, 2 1/2" on all spans.
- (C) - Bridge Deck Patching. See sheet 6 of 8. (For Information Only)
- (D) - Substructure Repair at Abutments. See sheet 7 of 8.
- (E) - Clean and Paint Beam Ends. (Locations and extent as indicated in the Special Provisions.)

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	4.0
Concrete Superstructure	Cu. Yd.	5.4
Reinforcement Bars, Epoxy Coated	Pound	400
Bar Splicers	Each	8
Preformed Joint Strip Seal	Foot	68
Bridge Deck Scarification, 3/4"	Sq. Yd.	1223
Bridge Deck Microsilica Concrete Overlay, 2 1/2"	Sq. Yd.	1223
Bridge Deck Grooving	Sq. Yd.	1202
Structural Repair of Concrete (Depth ≤ 5")	Sq. Ft.	35
Cleaning and Painting Steel Bridge No. 1	L.S.	1
Containment and Disposal of Non-Paint Cleaning Residues No. 1	L.S.	1
* Protective Coat	Sq. Yd.	1241
** Approach Slab Repair (Partial Depth)	Sq. Yd.	2.5

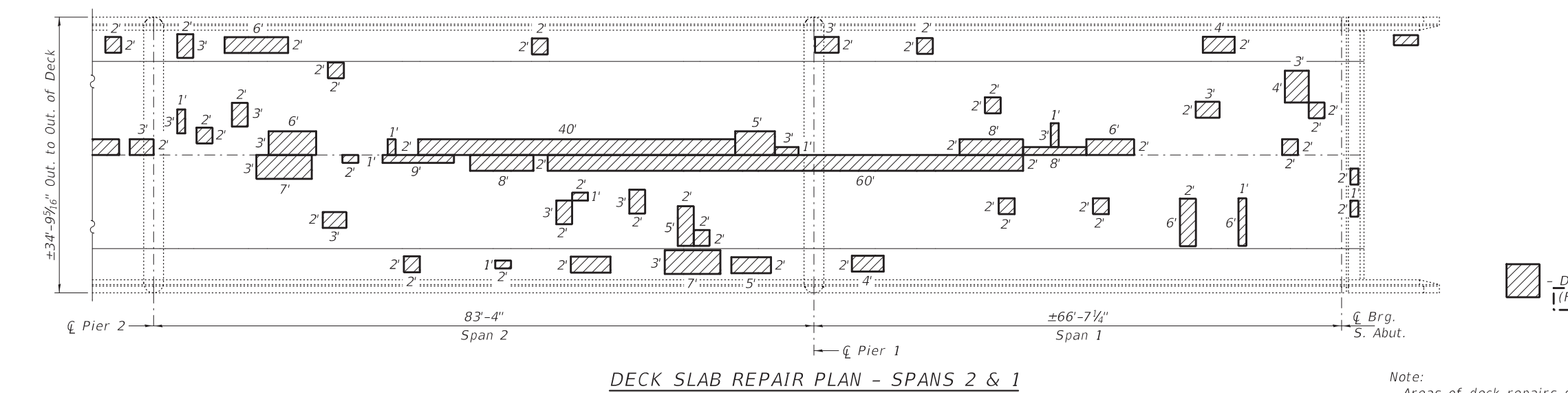
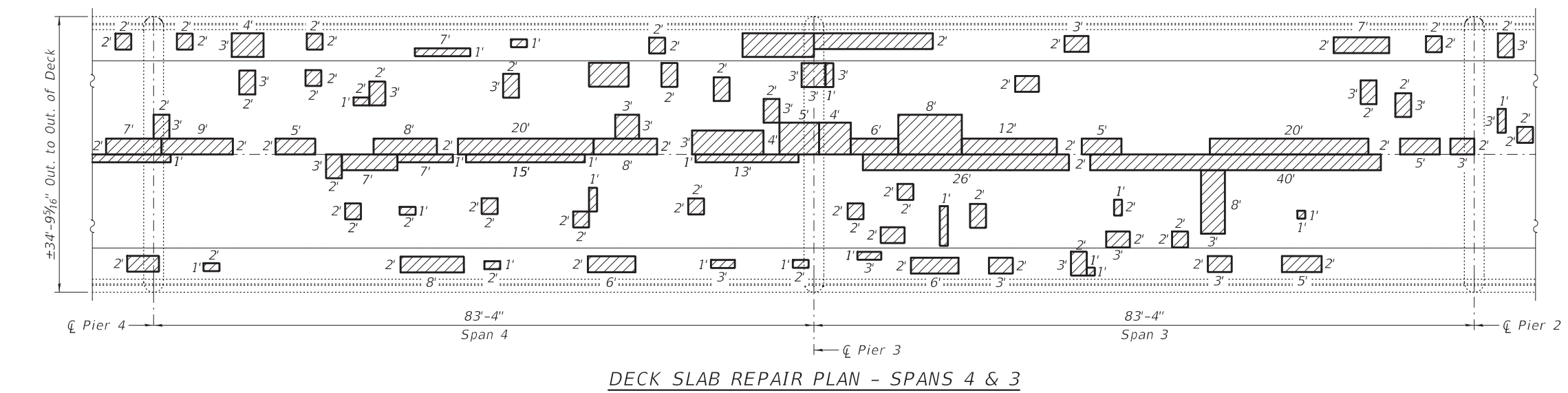
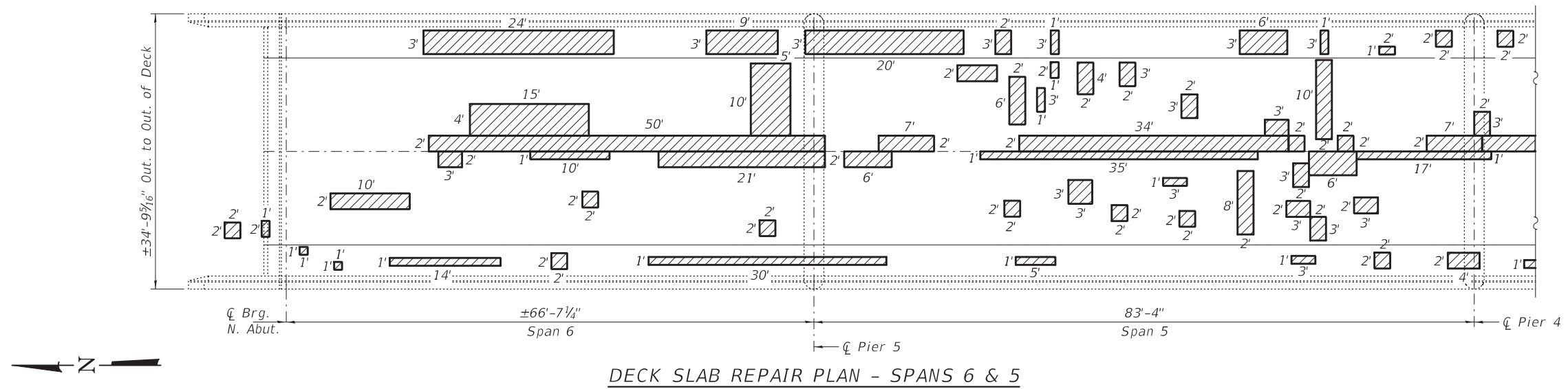
* On new Parapet concrete and Microsilica Concrete Overlay only.
 ** For Information Only.

REVIS 2-14-2022



Expires: November 30, 2022

DESIGNED - Stephen M. Ryan	EXAMINED - <i>Tig A. Deak</i> ENGINEER OF STRUCTURAL SERVICES	DATE - JANUARY 24, 2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION ILLINOIS ROUTE 111 OVER OTTER CREEK OVERFLOW SN 059-0500	F.A.P. RTE. 608	SECTION (122)BDR	COUNTY MACOUPIN	TOTAL SHEETS 21	SHEET NO. 14
CHECKED - Victor H. Veliz	PASSED - <i>Sh. Carl Perry</i> ENGINEER OF BRIDGES AND STRUCTURES	REVISED 2/10/2022 VHV			CONTRACT NO. 72M28				
DRAWN - STEFFEN		REVISED -			SHEET NO. 1 OF 8 SHEETS				



 - Deck Slab Repair (Partial Depth)
 (For Information Only)

Note:
 Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on As-built Plans.

REVISION 2-14-2022

DESIGNED - SMR	EXAMINED - <i>Timothy A. Daulton</i> ENGINEER OF STRUCTURAL SERVICES	DATE - JANUARY 24, 2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DECK SLAB REPAIR DETAILS SN 059-0500	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - VHV	PASSED - <i>Carl Rieger</i> ENGINEER OF BRIDGES AND STRUCTURES	REVISED 2/10/2022 VHV			608	(122)BDR	MACOUPIN	21	19
DRAWN - STEFFEN		REVISED -			CONTRACT NO. 72M28				
CHECKED - SMR VHV			SHEET NO. 6 OF 8 SHEETS		ILLINOIS FED. AID PROJECT				