
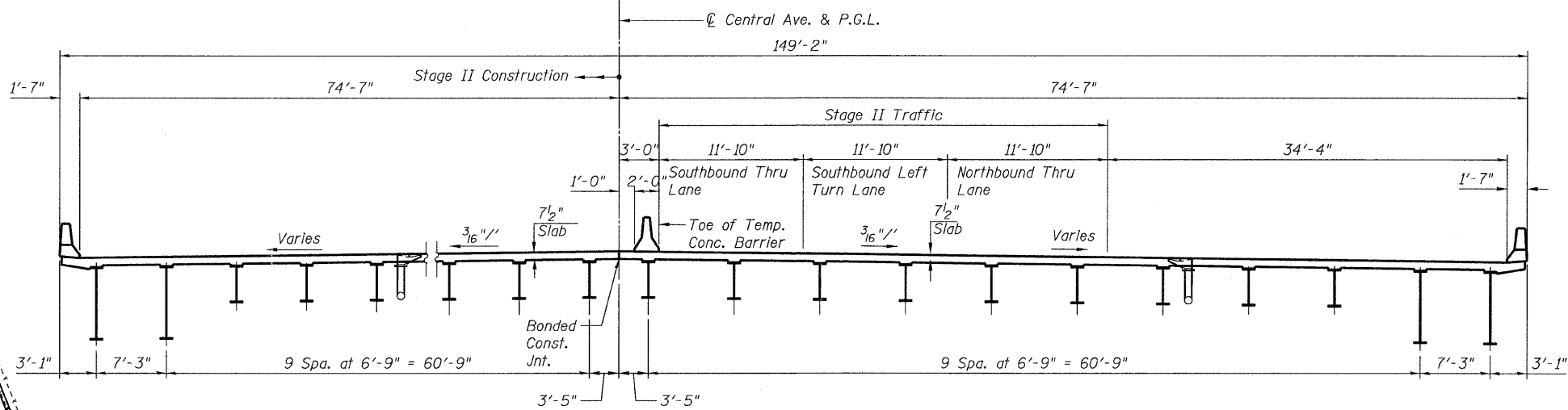
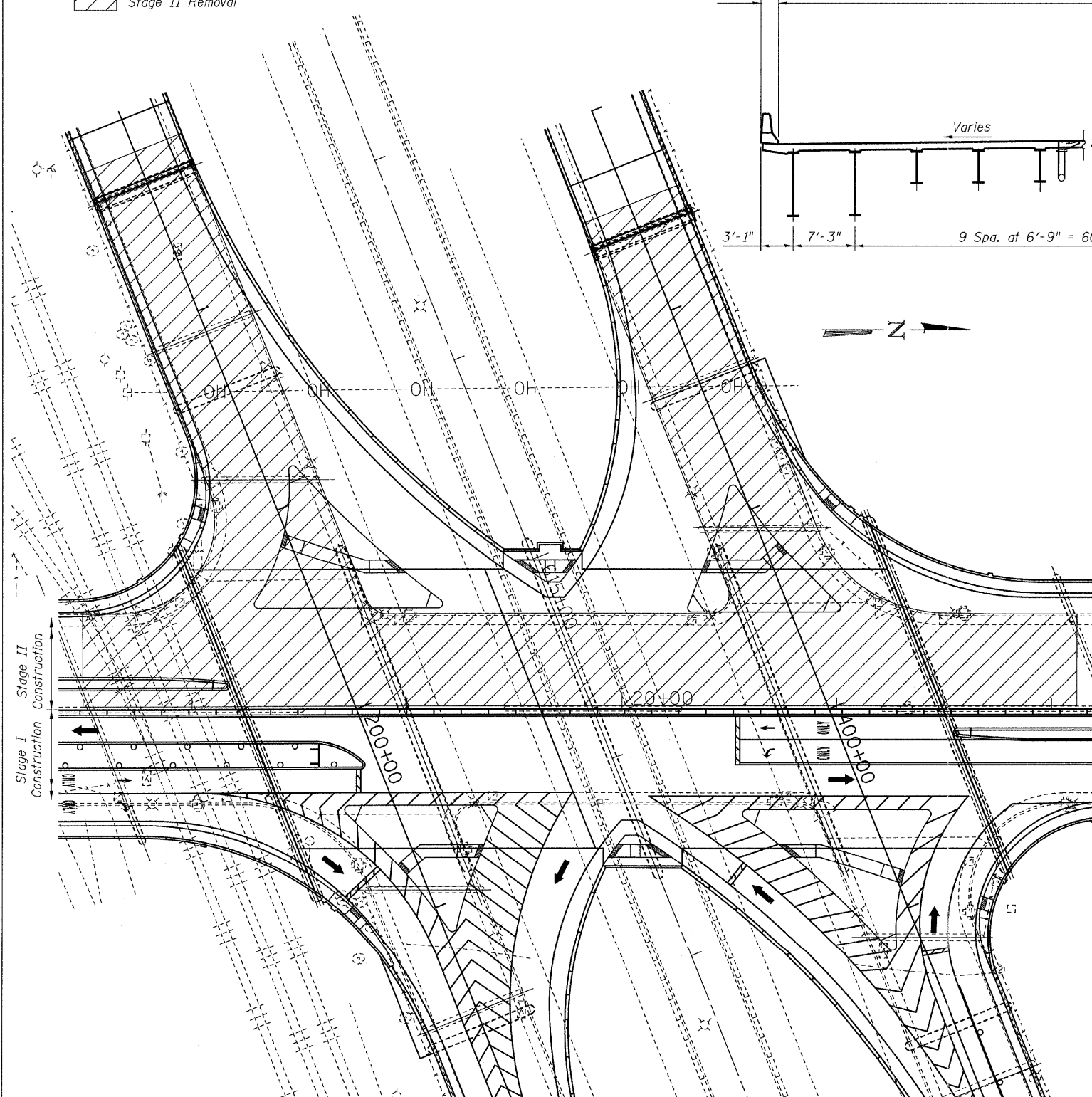


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**LEGEND**

 Stage II Removal



**STAGE II**

Stage II is the construction of the west half of the new SPUI, which includes the rehabilitation of the Southbound lanes of Central Ave-Bridge (main line) and removal and reconstruction of Ramp 1 and 2.

**STAGE II REMOVAL**

1. Install temporary concrete barrier as shown and divert traffic to the constructed portion of the new bridge.
2. Ramps 1 and 2 will be closed, Ramps 3 and 4 will be open for traffic.
3. Remove remainder of Central Avenue superstructure.
4. Remove existing structure in Ramps 3 and 4 including portions of the approach retaining walls to the limits shown on the removal plans.
5. Shore existing structural steel at C-Abut 1 in span 6 (S.N. 016-3241) and at C-Abutment 4 in span (S.N. 016-3240) within limits of Stage II.
6. Remove remainder of C-Abutment 1 above the footing and C-Abutment 4 above the crashwall.
7. Remove remainder of C-Abutments 2 and 3.
8. Remove remainder of C-Abutment 1, 2, 3 and 4 wingwalls.
9. Remove the remainder of Pier 6 cap.

**STAGE II CONSTRUCTION**

1. Reconstruct and widen remainder portions of C-Abutments 1,2,3 and 4.
2. Reconstruct and widen remainder of pier 6.
3. Construct new Ramp piers, abutments and retaining walls.
4. Erect new structural steel diaphragms to replace the remainder existing diaphragms at existing expansion joints.
5. Replace remainder of existing expansion bearings with elastomeric bearings.
6. Erect new structural steel beams, girders, cross frames and diaphragms.
7. Construct new concrete deck, islands and parapets.
8. Install expansion joints at C-Abutments 1 and 4.
9. Install expansion joints at Abutments for Ramps 1 and 2.
10. Remove temporary shoring at C. Abutments 1 and 4.

**STAGE II CONSTRUCTION  
STRUCTURE NO. 016-0724**

**TYLIN INTERNATIONAL**

DESIGNED - EMK  
CHECKED - AMD,  
DRAWN - EMK  
CHECKED - AMD,  
DATE - 03/25/2011

REVISIONS

NAME DATE

SHEET NO. 14	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	0711.2R & 1011.1BR	COOK	741	338
239 SHEETS	CONTRACT NO. 60999				
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT		

4/28/2011

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