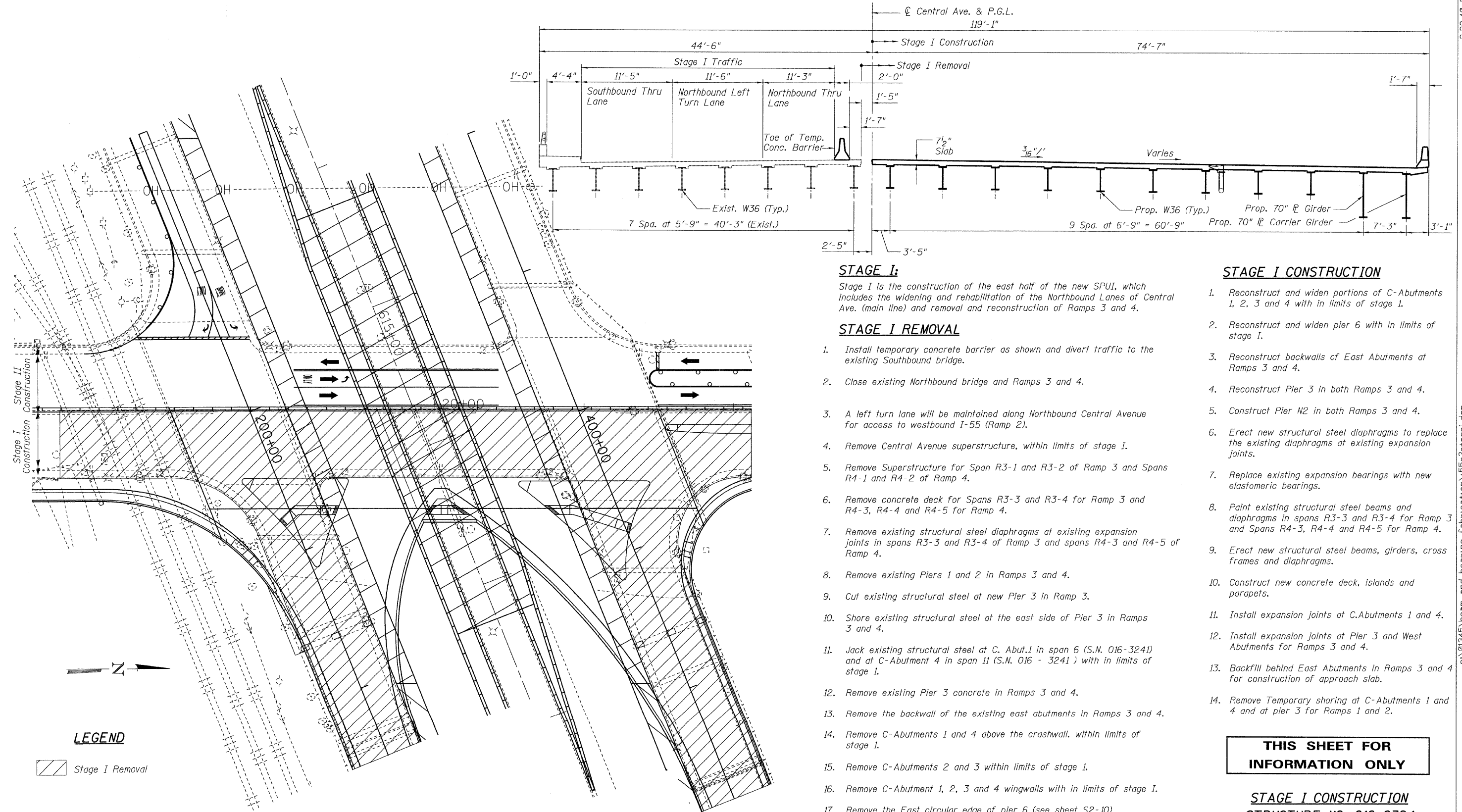


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



STAGE I:

Stage I is the construction of the east half of the new SPUI, which includes the widening and rehabilitation of the Northbound Lanes of Central Ave. (main line) and removal and reconstruction of Ramps 3 and 4.

STAGE I REMOVAL

1. Install temporary concrete barrier as shown and divert traffic to the existing Southbound bridge.
2. Close existing Northbound bridge and Ramps 3 and 4.
3. A left turn lane will be maintained along Northbound Central Avenue for access to westbound I-55 (Ramp 2).
4. Remove Central Avenue superstructure, within limits of stage I.
5. Remove Superstructure for Span R3-1 and R3-2 of Ramp 3 and Spans R4-1 and R4-2 of Ramp 4.
6. Remove concrete deck for Spans R3-3 and R3-4 for Ramp 3 and R4-3, R4-4 and R4-5 for Ramp 4.
7. Remove existing structural steel diaphragms at existing expansion joints in spans R3-3 and R3-4 of Ramp 3 and spans R4-3 and R4-5 of Ramp 4.
8. Remove existing Piers 1 and 2 in Ramps 3 and 4.
9. Cut existing structural steel at new Pier 3 in Ramp 3.
10. Shore existing structural steel at the east side of Pier 3 in Ramps 3 and 4.
11. Jack existing structural steel at C. Abut.1 in span 6 (S.N. 016-3241) and at C-Abutment 4 in span 11 (S.N. 016 - 3241) with in limits of stage 1.
12. Remove existing Pier 3 concrete in Ramps 3 and 4.
13. Remove the backwall of the existing east abutments in Ramps 3 and 4.
14. Remove C-Abutments 1 and 4 above the crashwall, within limits of stage 1.
15. Remove C-Abutments 2 and 3 within limits of stage 1.
16. Remove C-Abutment 1, 2, 3 and 4 wingwalls with in limits of stage I.
17. Remove the East circular edge of pier 6 (see sheet S2-10)

STAGE I CONSTRUCTION

1. Reconstruct and widen portions of C-Abutments 1, 2, 3 and 4 with in limits of stage 1.
2. Reconstruct and widen pier 6 with in limits of stage 1.
3. Reconstruct backwalls of East Abutments at Ramps 3 and 4.
4. Reconstruct Pier 3 in both Ramps 3 and 4.
5. Construct Pier N2 in both Ramps 3 and 4.
6. Erect new structural steel diaphragms to replace the existing diaphragms at existing expansion joints.
7. Replace existing expansion bearings with new elastomeric bearings.
8. Paint existing structural steel beams and diaphragms in spans R3-3 and R3-4 for Ramp 3 and Spans R4-3, R4-4 and R4-5 for Ramp 4.
9. Erect new structural steel beams, girders, cross frames and diaphragms.
10. Construct new concrete deck, islands and parapets.
11. Install expansion joints at C.Abutments 1 and 4.
12. Install expansion joints at Pier 3 and West Abutments for Ramps 3 and 4.
13. Backfill behind East Abutments in Ramps 3 and 4 for construction of approach slab.
14. Remove Temporary shoring at C-Abutments 1 and 4 and at pier 3 for Ramps 1 and 2.

**THIS SHEET FOR
INFORMATION ONLY**

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

TYLIN INTERNATIONAL	DESIGNED - EMK	REVISIONS		SHEET NO. 8	F.A.I RTE. 55	SECTION 0711.2R & 1011.1BR	COUNTY COOK	TOTAL SHEETS 200	SHEET NO. 38	
	CHECKED - AMD,	NAME	DATE							CONTRACT NO. 60L39
	DRAWN - EMK									
	CHECKED - AMD,									
DATE - 08/02/10										