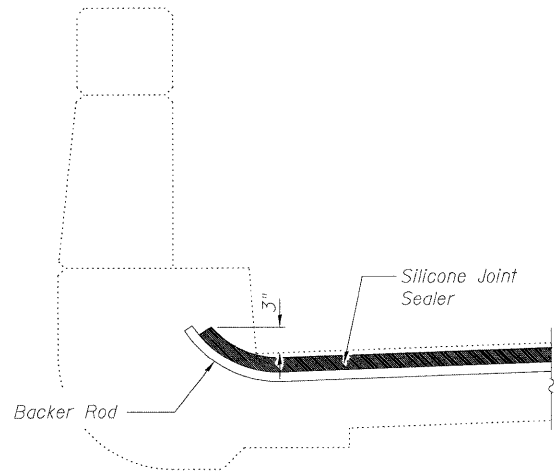
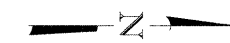
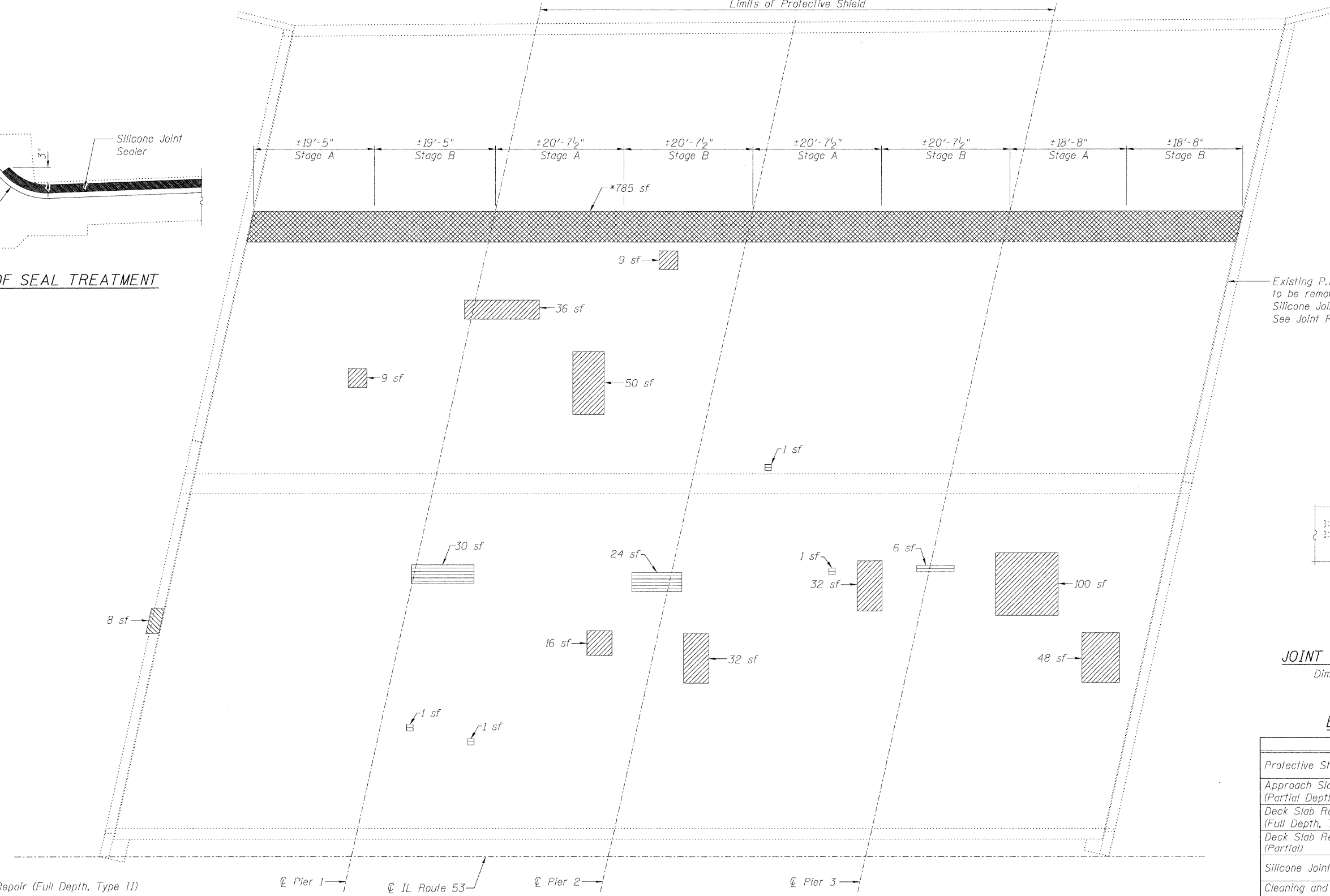


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

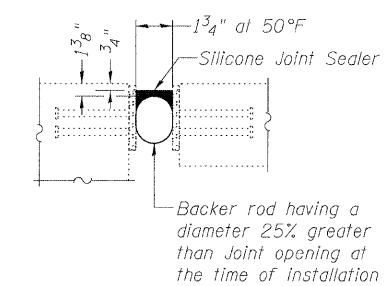
Limits of Protective Shield



END OF SEAL TREATMENT



Existing P.J.S. at Expansion Joint to be removed and replaced with Silicone Joint Sealer, Each End. See Joint Replacement Detail.



**JOINT REPLACEMENT DETAIL**

Dimensions at Rt. L's to Joint

**BILL OF MATERIAL**

Item	Unit	Total
Protective Shield	Sq. Yd.	1168
Approach Slab Repair (Partial Depth)	Sq. Yd.	1.0
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	100.3
Deck Slab Repair (Partial)	Sq. Yd.	42.4
Silicone Joint Sealer, 2"	Foot	263
Cleaning and Painting Exposed Rebar	Sq. Ft.	74

**LEGEND**

- Deck Slab Repair (Full Depth, Type II)
- Deck Slab Repair (Partial)
- Approach Slab Repair (Partial Depth)
- Cleaning and Painting Exposed Rebar
- sf Square Feet

**PLAN**

\*Perform Full depth repair in stages as shown in plan. Fast curing concrete mixes shall not be used for these patches. After new concrete is poured, work cannot begin in an adjacent section until both of the following requirements are met:  
 1. At least 72 hours shall have elapsed from the end of the previous pour on either end.  
 2. The new concrete on either end shall have obtained a modulus of rupture of 650 psi or a minimum compressive strength of 3,500 psi.

**DECK SLAB REPAIR  
STRUCTURE NO. 016-2133**

<b>LIN ENGINEERING, LTD.</b> Consulting Engineers Chatham, Illinois	SHEET NO. 4	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	8 SHEETS	290	(531-3.1,0305-302K)RS-5	COOK	314	255
		FED. ROAD DIST. NO. _		ILLINOIS		FED. AID PROJECT
				CONTRACT NO. 60138		