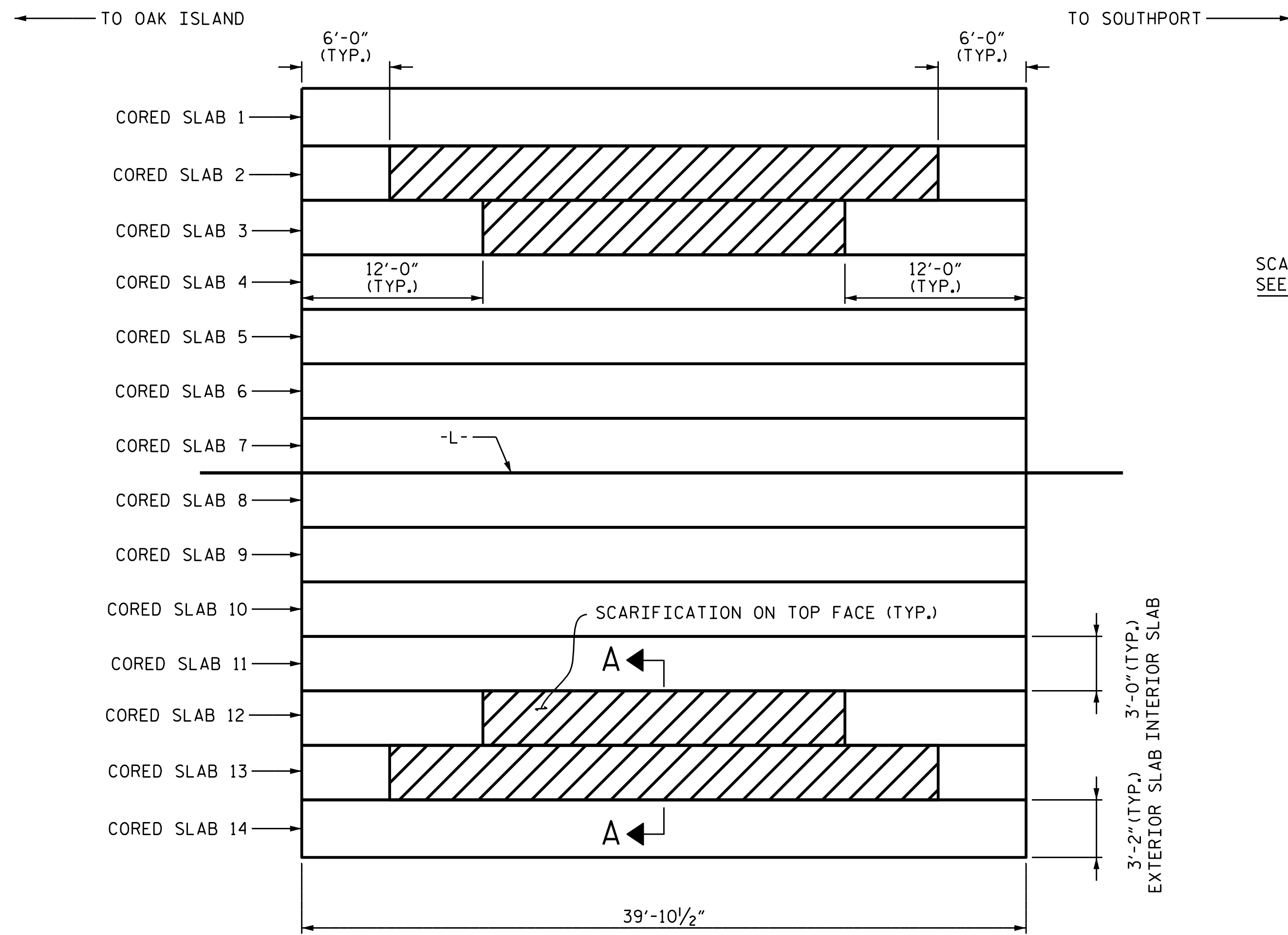


# BILL OF MATERIALS

SPANS 1 THRU 28

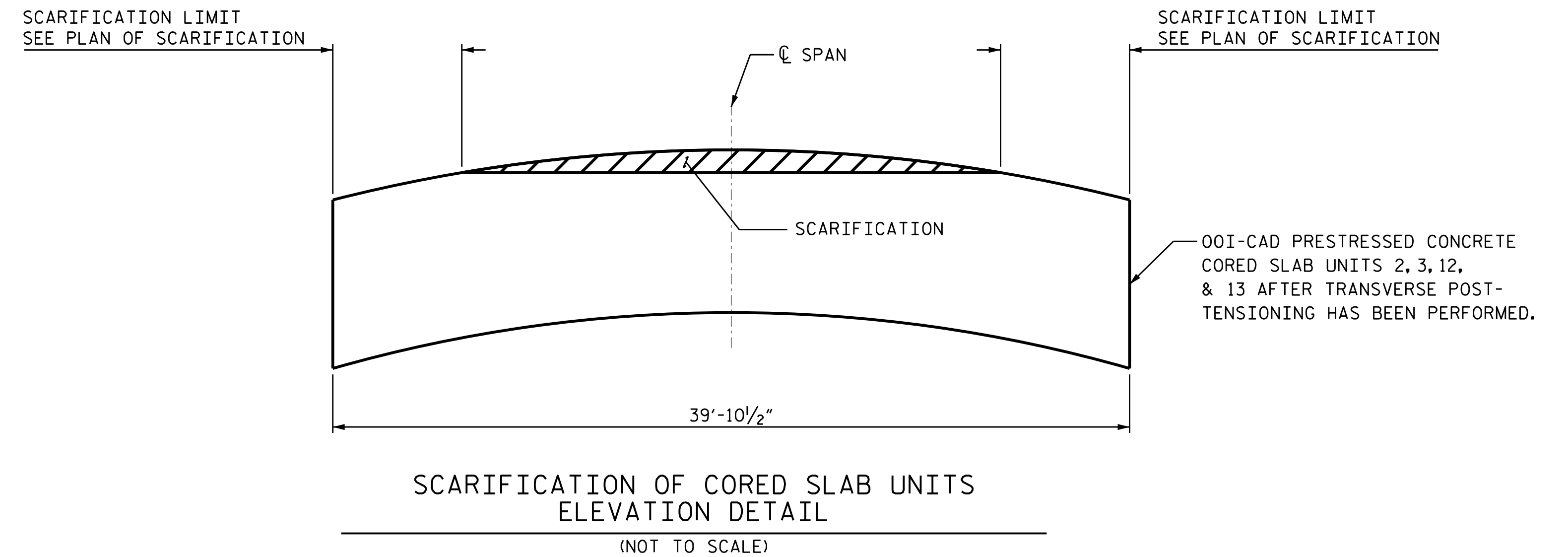
	SPAN 1	SPANS 2-28
SCARIFYING TOPS OF CORED SLABS	30 SY	30 SY
SHOTBLASTING TOPS OF CORED SLABS	178 SY	178 SY
PPC MATERIALS	18.8 CY	18.8 CY
PLACING & FINISHING PPC OVERLAY	178 SY	178 SY
BRIDGE DECK GROOVING	975 SF	975 SF



**PLAN OF SCARIFICATION TO CORED SLABS UNITS**

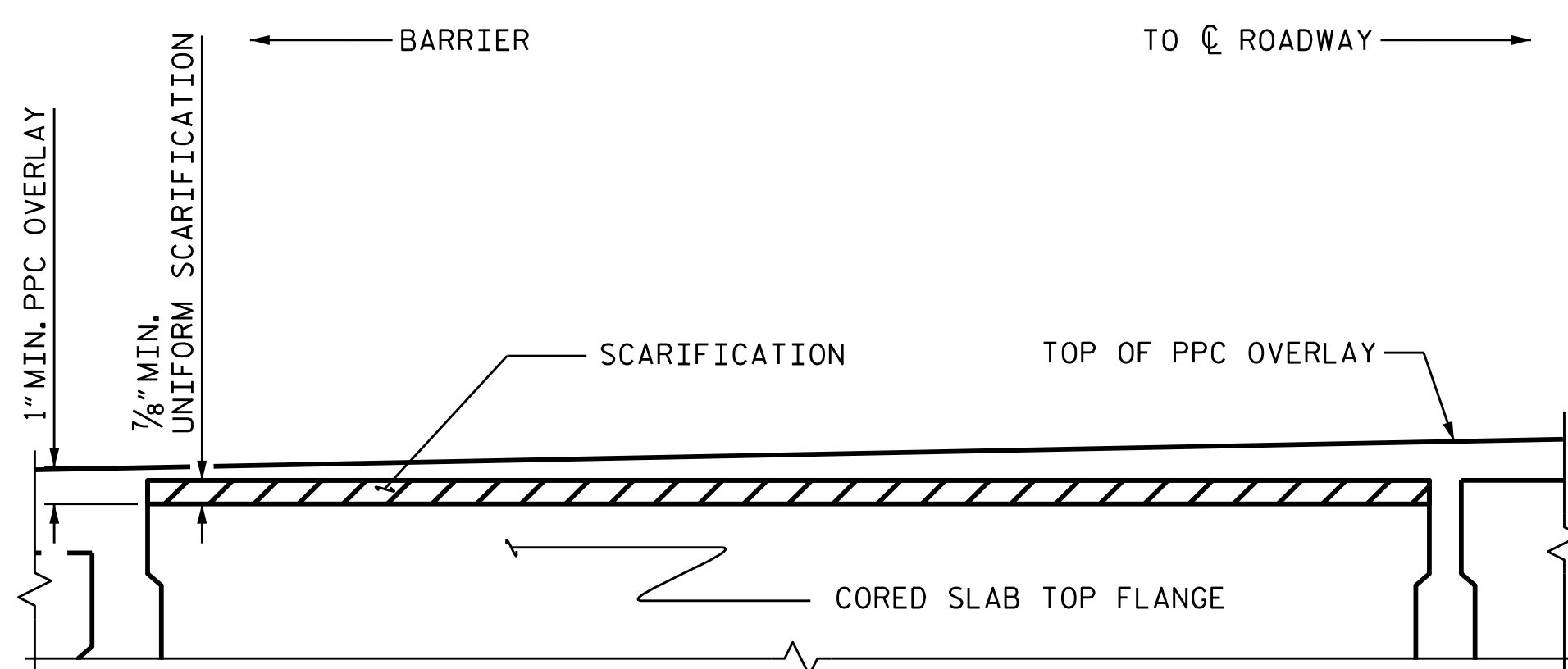
(TYPICAL IN SPANS 1 - 28)

SCARIFICATION LIMITS

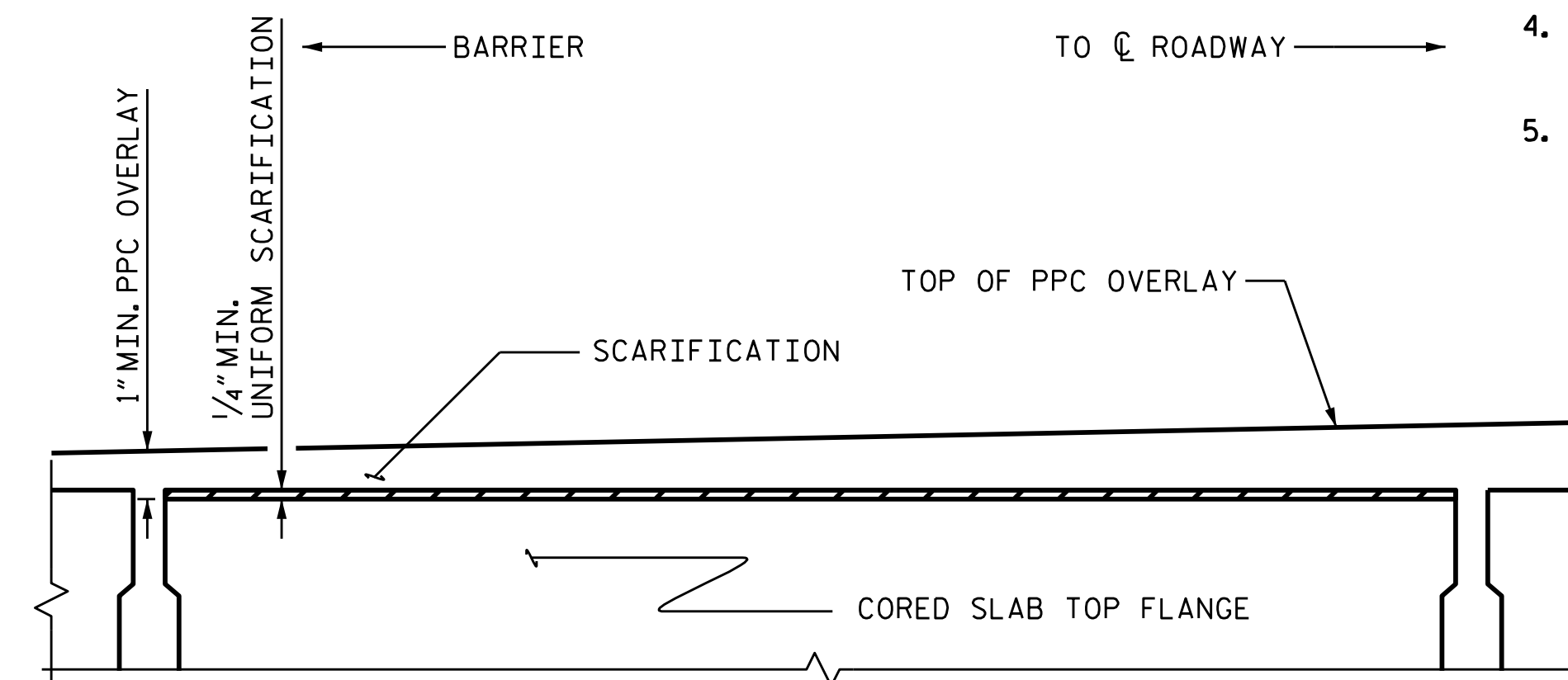


**NOTES:**

- FOR THE TOP OF THE OOI-CAD PRESTRESSED CONCRETE CORED SLAB UNITS 1, 14, AND 4 THROUGH 11, THE FABRICATOR SHALL PROVIDE A ROUGHENED 1/4" SURFACE (RAKED FINISH) TO AVOID SCARIFICATION.
- FOR SCARIFICATION OF TOP OOI-CAD PRESTRESSED CONCRETE CORED SLAB UNITS 2, 3, 13 AND 12, SEE SPECIAL PROVISIONS FOR OVERLAY SURFACE PREPARATION FOR POLYESTER POLYMER CONCRETE.
- SCARIFY TOP OF SLABS ONLY AFTER TRANSVERSE POST-TENSIONING HAS BEEN PERFORMED AND GROUT FOR SHEAR KEYS HAS BEEN PLACED AND THIS HAS CURED.
- QUANTITIES FOR THE AMOUNT OF PPC MATERIAL WAS BASED ON AN AVERAGE OVERLAY THICKNESS OF 3 3/4".
- PPC OVERLAY THICKNESS SHALL BE AT LEAST 1" AT ANY POINT THROUGHOUT ANY SPAN.



**SLAB UNIT 2 - MIN. SCARIFICATION**  
(SLAB UNIT 13 MIRRORED ABOUT CL ROADWAY)

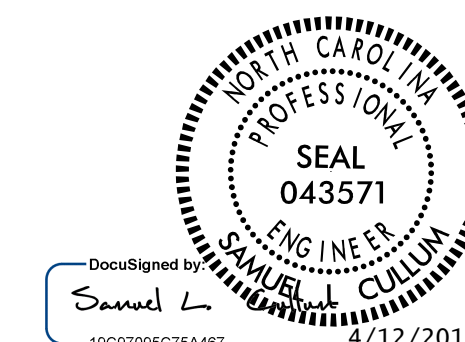


**SLAB UNIT 3 - MIN. SCARIFICATION**  
(SLAB UNIT 12 MIRRORED ABOUT CL ROADWAY)

**SECTION A-A**

PROJECT NO. 15BPR.25  
BRUNSWICK COUNTY  
 BRIDGE NO. 14

SHEET 3 OF 4



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 OOI-CAD  
 PRESTRESSED CONCRETE  
 CORED SLAB UNIT  
 SCARIFICATION DETAILS

**KCA** 4800 SIX FORKS ROAD SUITE 120  
 KISINGER CAMPO & ASSOCIATES RALEIGH, NC 27609  
 (919) 882-7839

DRAWN BY : DIEGO A. AGUIRRE DATE : 03-2018  
 CHECKED BY : JACOB H. DUKE DATE : 03-2018  
 DESIGN ENGINEER OF RECORD : SAMUEL L. CULLUM DATE : 03-2018

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-8
1			3			TOTAL SHEETS
2			4			111

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED