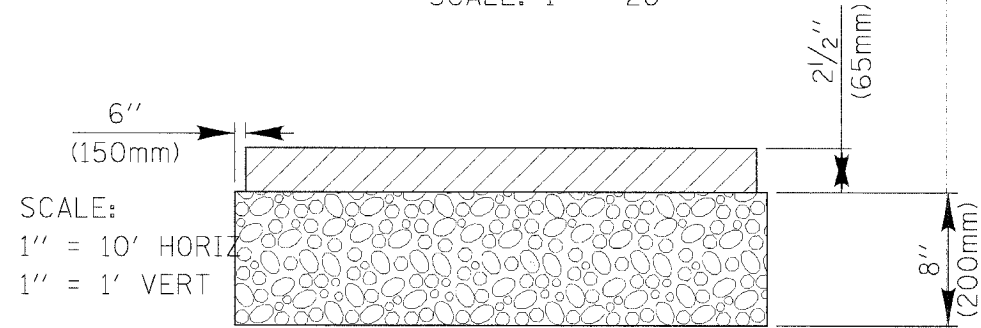
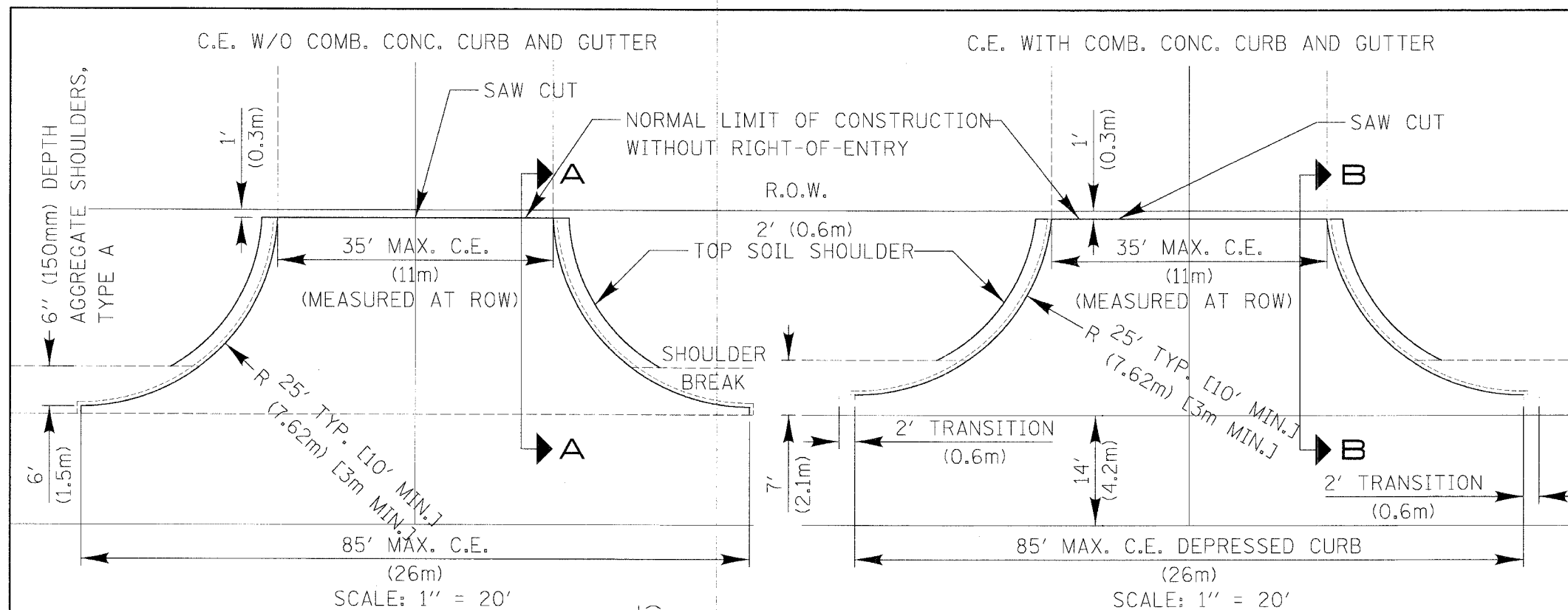


FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2647	99-00142-07-WR	LAKE	256	141
CONTRACT NO: 83815				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CEs: 2 1/2" (65mm) BITUMINOUS CONCRETE SURFACE COURSE ON 8" (200mm) AGGREGATE BASE COURSE, TYPE A

- CALCULATED QUANTITIES FOR COMMERCIAL ENTRANCE W/O C & G ABOVE:
- BIT SURF CSE WEIGHT USED = 115 LBS/SQ YD/INCH THICKNESS
 AREA = 132.58 SQ YD
 132.58 SQ YD X 115 LB/SQ YD/INCH X 2.5 INCHES = 38116.75 LB
 CONVERTING TO TONS = 38116.75 LB/2000 LB/TON = 19.05 TON
 ROUNDING TO CRITERIA IN CONSTRUCTION MANUAL = 20 TON (18M TON)
 - AGGREGATE BASE COURSE WEIGHT USED = 2 TON/CU YD
 136.94 SQ YD X 2 TON/CU YD X 0.22 YD THICKNESS = 60.25 TON (55 M TON)
 ROUNDING TO CRITERIA IN CONSTRUCTION MANUAL = 61 TON
 - BITUMINOUS MATERIALS (PRIME COAT), MC-30 APPLIED @ 0.3 GAL/SQ YD
 136.94 SQ YD X 0.3 GAL/SQ YD = 41.08 GAL
 ROUNDING TO CRITERIA IN CONSTRUCTION MANUAL = 42 GAL (156 L)

REVISIONS	DATE
DUAL DIMENSIONS	08/28/01
DEL TY A (SPEC)	12/10/04

Lake County
Division of Transportation

APPROVED BY: N. WIESNER
DATE: JAN. 5, 1999

TYPICAL MAJOR ACCESS SHEET 1 OF 2 COMMERCIAL ENTRANCE

LC4025A

SEE (2-2) NOT APPLICABLE

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU 2647 - BUTTERFIELD ROAD
TYPICAL MAJOR ACCESS (COMMERCIAL ENTRANCE)

SCALE: NONE
DATE: 12/2/2005

DRAWN BY: N/A
CHECKED BY: N/A

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