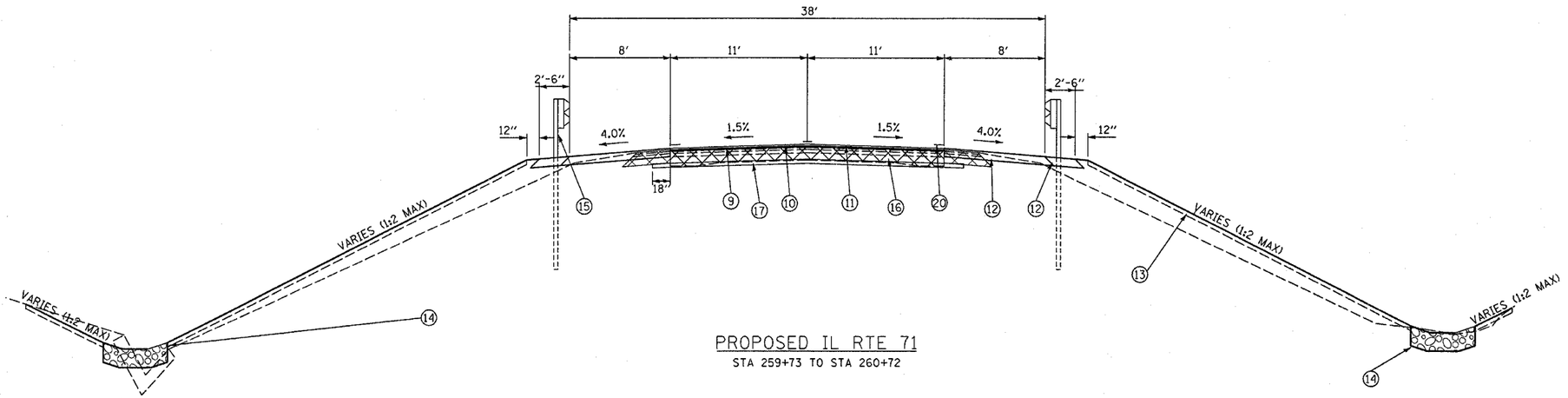
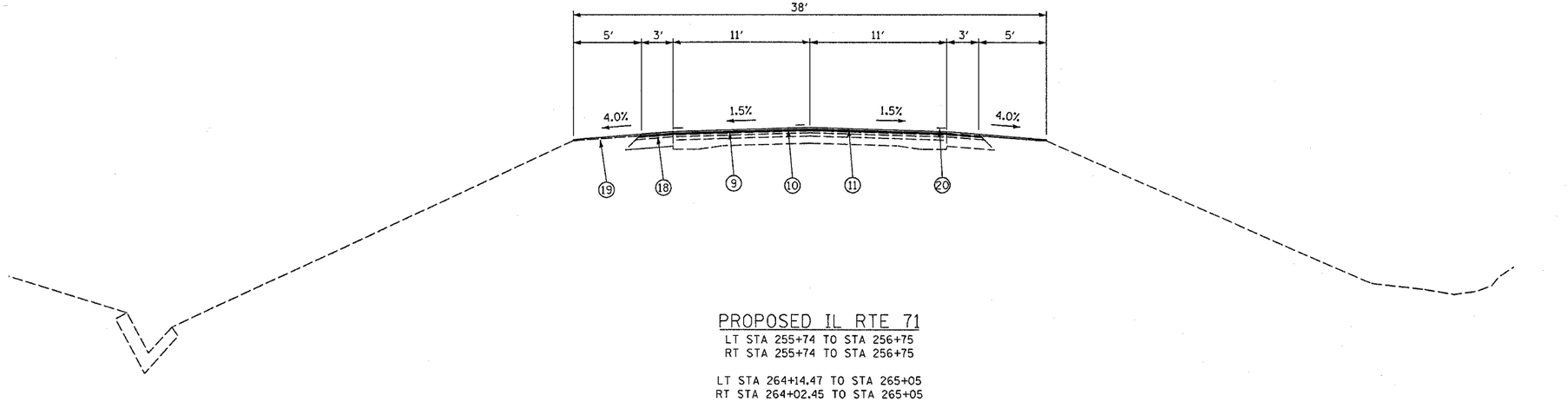
CONTRACT NO. 66449

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	5 BR-1	La SALLE	32	6
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



PROPOSED IL RTE 71
STA 259+73 TO STA 260+72



PROPOSED IL RTE 71
LT STA 255+74 TO STA 256+75
RT STA 255+74 TO STA 256+75

LT STA 264+14.47 TO STA 265+05
RT STA 264+02.45 TO STA 265+05

1. EX PCC PAVEMENT, 9"-7"-9"
2. EX BITUMINOUS CONCRETE OVERLAY, 3"
3. EX BITUMINOUS CONCRETE OVERLAY, 2"
4. EX BITUMINOUS CONCRETE OVERLAY, 1 1/2"
5. EX BITUMINOUS SHOULDER, 8" PLUS 3 1/2" OVERLAY (TBR)
6. EX EARTH/AGGREGATE SHOULDER
7. EX GUARDRAIL (TBR)
8. EX PAVED DITCH (SEE PLANS FOR LOCATIONS)
9. PR HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
10. PR LEVELING BINDER (MACHINE METHOD), 3/4" (SEE MIX TABLE FOR DETAILS)
11. PR HOT-MIX ASPHALT SURFACE COURSE, 1 1/2" (SEE MIX TABLE FOR DETAILS)
12. PR HOT-MIX ASPHALT SHOULDERS, 8"
13. PR FURNISH AND PLACE TOPSOIL, 4"
14. PR RIPRAP, CL A-4 (SEE PLANS FOR LOCATIONS)
15. PR STEEL PLATE BEAM GUARDRAIL, TYPE A OR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)
16. PR HOT-MIX ASPHALT BASE COURSE, 11-3/4" (SEE MIX TABLE FOR DETAILS)
17. PR SUBBASE GRANULAR MATERIAL, TY A, 4"
18. PR HOT-MIX ASPHALT SHOULDERS, 2-1/4"
19. PR AGGREGATE WEDGE SHOULDER, TY B
20. PR PAVEMENT MARKING LINES (SEE SCHEDULES FOR DETAILS)

MIX DESIGN TABLE

	HMA BINDER	HMA LEVEL BINDER	HMA SURFACE	HMA SHOULDERS
PG GRADE	PG 64-22	PG 64-22	PG 64-22	PG 58-22
MAX % RAP ALLOWABLE ••	15%•••	15%•••	10%•••	30%
DESIGN AIR VOIDS	4% @ N70	4% @ N70	4% @ N70	3.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5	BAM
FRICTION AGGREGATE			MIXTURE D	
DENSITY TEST METHOD	CORES/NUCLEAR METHOD	SATISFACTION OF ENGINEER	CORES/NUCLEAR METHOD	•

• MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED ON THE QC/QA SPECIFICATION.

•• IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

••• SEE BDE RAP SPECIAL PROVISION.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: VERT.
HORIZ.
DATE: 01/13/06

DRAWN BY CCA
CHECKED BY MCB

PLOT DATE = 4/20/2007
FILE NAME = c:\projects\epd8184\consultcosdot\final\roadway\typical-sections.dgn
PLOT SCALE = 6SCALE's
USER NAME = duncanbd