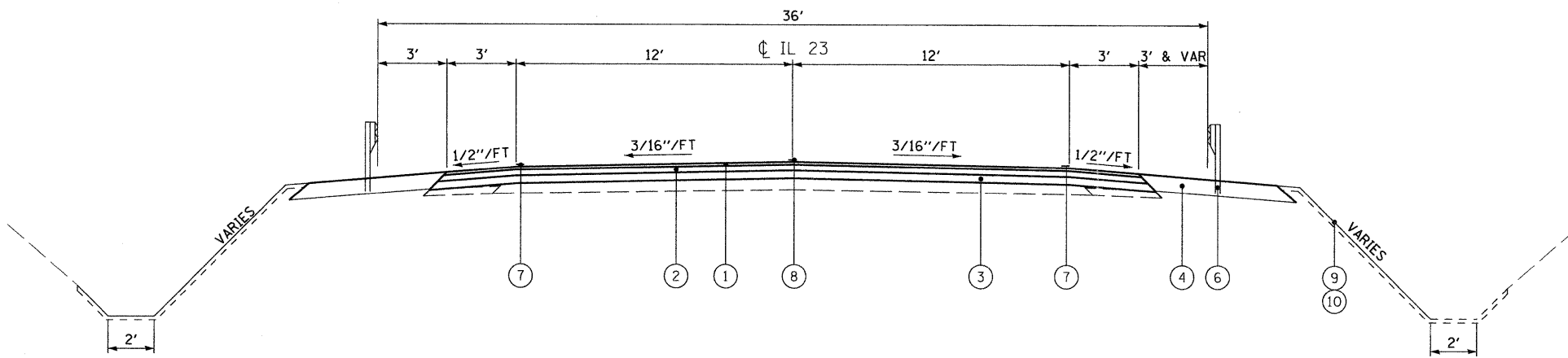


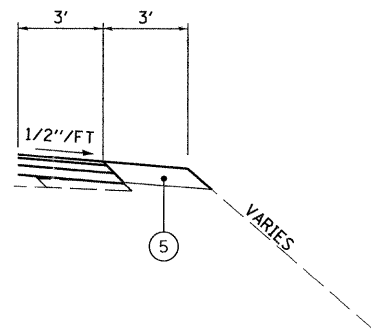
EXISTING TYPICAL SECTION

STA 236+50 TO STA 239+36
STA 241+61 TO STA 244+50



PROPOSED TYPICAL SECTION

STA 236+50 TO STA 239+61
STA 241+61 TO STA 244+50



LEGEND:

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1.5")
- ② LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ③ HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50
DEPTH VARIES (SEE NOTE 2, THIS SHEET). LIFTS
NOT TO EXCEED 4".
- ④ HOT-MIX ASPHALT SHOULDERS
(6" PLACED IN TWO LIFTS OF 3")
- ⑤ AGGREGATE SHOULDER, TYPE B (6")
- ⑥ STEEL PLATE BEAM GUARDRAIL, TYPE A 6 FT POSTS
- ⑦ PAINT PAVEMENT MARKING - LINE, 4" SOLID WHITE
- ⑧ PAINT PAVEMENT MARKING - LINE, 6" DASHED YELLOW
- ⑨ SEEDING, CLASS 3
- ⑩ EROSION CONTROL BLANKET OR HEAVY DUTY EROSION CONTROL BLANKET
- ⑪ FURNISHED EXCAVATION
- ⑫ EARTH EXCAVATION
- A EXIST PAVEMENT
- B EXIST BITUMINOUS SHOULDER
- C EXIST AGGREGATE SHOULDER
- D EXIST STEEL PLATE BEAM GUARDRAIL

MIX DESIGN TABLE

	HMA BINDER	HMA SURFACE	HMA SHOULDERS	HMA LEVEL BINDER
PG GRADE**	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR Voids	4.0% @ N50	4.0% @ N50	2.0% @ N30	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE		MIXTURE C		
DENSITY TEST METHOD	CORES	CORES	CORES*	CORES

* 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 IN THE QC/QA SPECIFICATION.

NOTES:

1. FRONT SLOPE SHALL BE 1:2 MIN. (V:H) BEHIND GUARDRAIL AND 1:4 MIN. (V:H) IN NON-GUARDRAIL SECTIONS.
2. DEPTH OF BINDER COURSE VARIES TO EITHER MATCH EXISTING HMA PAVEMENT, OR TO TRANSITION ROADWAY AT THE BRIDGE APPROACH FOOTING.

benesch Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 3938.11

FILE NAME = ... \0366A20-sht-IL23-typ-section.dgn	USER NAME = tblank	DESIGNED - AE	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 23	F.A.P. RTE. 68	SECTION (3)BR-3	COUNTY LASALLE	TOTAL SHEETS 61	SHEET NO. 4		
PLOT SCALE = NTS	CHECKED - JMM	REVISIONS -	SCALE: NTS			SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 66A2Q				
PLOT DATE = 10/20/11	DATE = 10/20/11	REVISIONS -	FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT									