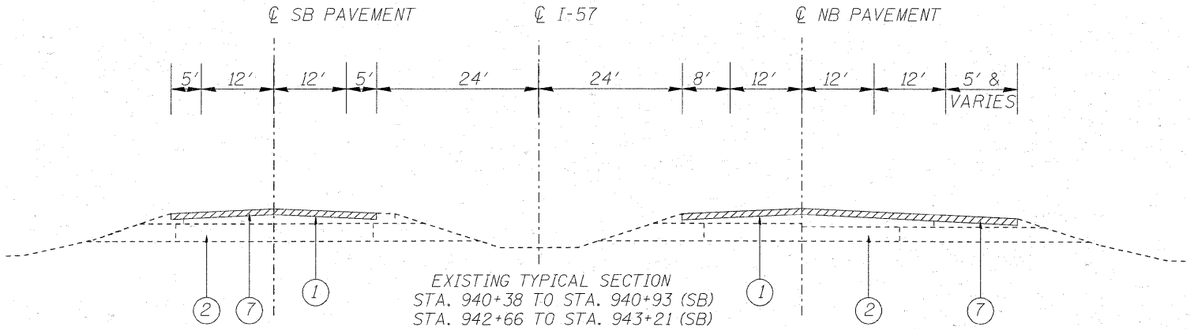
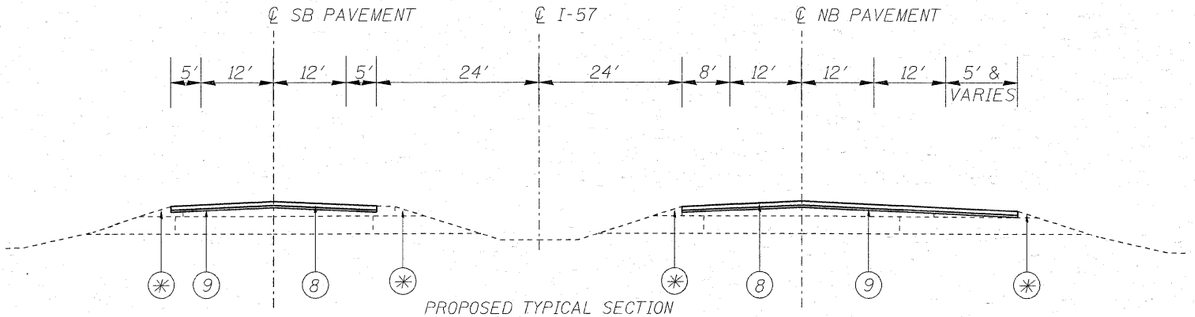
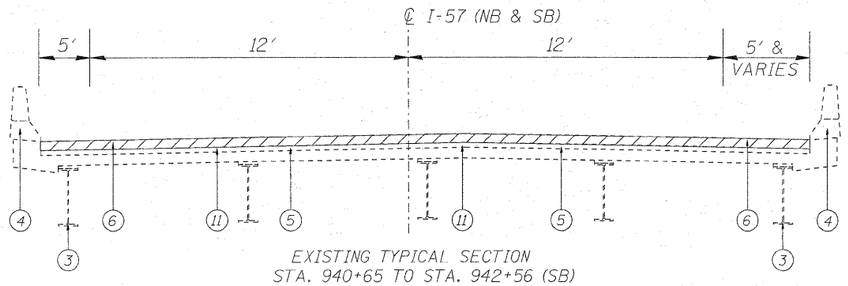


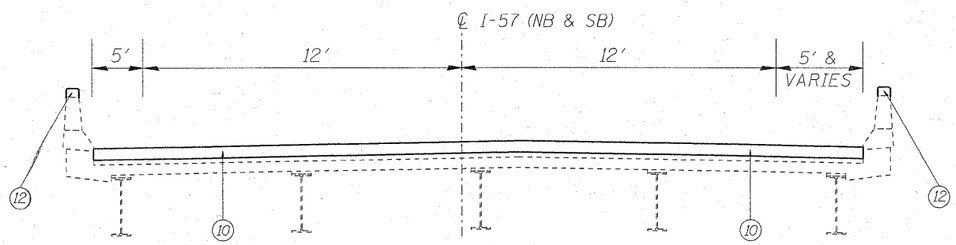
EXISTING TYPICAL SECTION
STA. 940+38 TO STA. 940+93 (SB)
STA. 942+66 TO STA. 943+21 (SB)
STA. 939+74 TO STA. 940+29 (NB)
STA. 942+19 TO 942+74 (NB)



PROPOSED TYPICAL SECTION
STA. 940+38 TO STA. 940+93 (SB)
STA. 942+66 TO STA. 943+21 (SB)
STA. 939+74 TO STA. 940+29 (NB)
STA. 942+19 TO 942+74 (NB)



EXISTING TYPICAL SECTION
STA. 940+65 TO STA. 942+56 (SB)
STA. 939+54 TO STA. 942+09 (NB)



PROPOSED TYPICAL SECTION
STA. 940+65 TO STA. 942+56 (SB)
STA. 939+54 TO STA. 942+09 (NB)

LEGEND

1. EXISTING PCC PAVEMENT, 8"
2. EXISTING STABILIZED SUB-BASE
3. EXISTING WF STEEL BEAMS
4. EXISTING PARAPET WALLS
5. EXISTING CONCRETE DECK
6. EXISTING HMA SURFACE AND WATERPROOFING MEMBRANE SYSTEM TO BE REMOVED, 2"
7. PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
8. PROPOSED POLYMERIZED HMA SURFACE CSE., MIX "F", N90, 1 ¾"
9. PROPOSED LEVELING BINDER (MACHINE METHOD), N70, ¾"
10. PROPOSED BRIDGE DECK LATEX CONCRETE OVERLAY, 2 ¼"
11. PROPOSED BRIDE DECK HYDRO-SCARIFICATION, ½"
12. PROPOSED CONCRETE PARAPET EXTENSION, 9"
13. PROPOSED AGGREGATE SHOULDER, 3"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
OPERATION	MIXTURE TYPE	DESIGN AIR VOIDS
ROADWAY	POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	4% @ 90 GYR
	LEVELING BINDER (MACHINE METHOD), N70	4% @ 70 GYR
SHOULDER	POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	4% @ 90 GYR
	LEVELING BINDER (MACHINE METHOD), N70	4% @ 70 GYR

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SQ-YD/IN.

FOR "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

*GRADING AND SHAPING SHOULDER AND AGGREGATE SHOULDER , TYPE A WOULD BE USE TO REPAIR THE EXISTING AGGREGATE SHOULDER.

LAKCO INC.
CONSULTING ENGINEERS
1560 WALL ST. SUITE 222
NAPERVILLE, ILLINOIS 60563 PH: (630) 577-8800

DESIGNED - MJY		
DRAWN - ST. TSC	REVISED -	
CHECKED - MJY, DC	REVISED -	
DATE - 1/29/2010	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
I-57 NB & SB OVER ABANDONED RR (12.8 MILES SOUTH OF US 30)

SCALE: NONE | SHEET NO. 5 OF 38 SHEETS | STA. 939+74 TO STA. 943+21

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-2VB-I-1	WILL	38	5
	D-91-215-10	CONTRACT NO. 60J25		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		