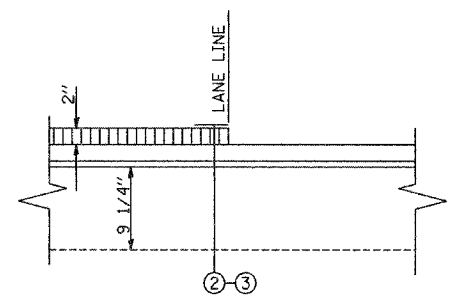
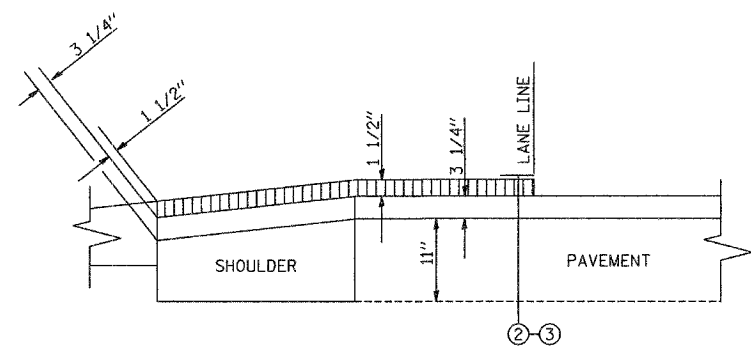


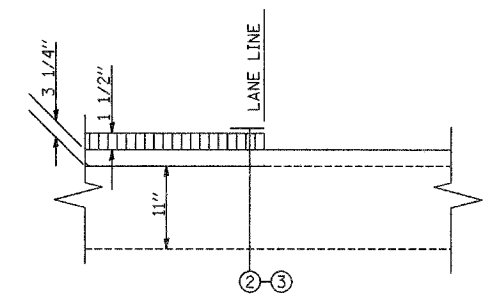
DETAIL E (EXISTING CONCRETE PAVEMENT AREA)



DETAIL D (EXISTING CONCRETE PAVEMENT AREA)



DETAIL E (RAMP AREA)



DETAIL F (RAMP AREA)

### OPERATION FOUR

### SEQUENCE OF OPERATION

OPERATION ONE  
PATCH LANES (NB, SB AND RAMPS)

OPERATION TWO

FOR NB AND SB ON EXISTING HMA PAVEMENT AREA:  
1- MILL AND RESURFACE 2" THE INSIDE SHOULDER AND LANE 1 AT THE SAME TIME BEFORE MILLING ANY OTHER LANES WITHOUT WEDGE (SEE DETAIL A). PLACE PERMANENT PAVEMENT MARKINGS.  
2- MILL AND RESURFACE 2" OF LANE 2 ONLY WITHOUT WEDGE (SEE DETAIL A). PLACE PERMANENT PAVEMENT MARKINGS.  
3- MILL AND RESURFACE 2" OF LANE 3 AND OUTSIDE SHOULDER WITHOUT WEDGE (SEE DETAIL A). PLACE PERMANENT PAVEMENT MARKINGS.

OPERATION THREE

MAINLINE (EXISTING CONCRETE PAVEMENT AREA):  
OVERLAY 3/4" POLYMERIZED LEVELING BINDER AND 2" POLYMERIZED SMA BINDER COURSE.

NO TRAFFIC IS ALLOWED OVER LEVELING BINDER.

SHOULDERS / RAMPS:  
OVERLAY 3 1/4" HMA BINDER COURSE  
PLACE TEMPORARY PAVEMENT MARKING

OPERATION FOUR

MAINLINE (EXISTING CONCRETE AND TAPER OVER HMA PAVEMENT AREA):  
OVERLAY 2" POLYMERIZED SMA SURFACE COURSE.  
SHOULDERS / RAMPS:  
OVERLAY 1 1/2" HMA SURFACE COURSE  
PLACE PERMANENT PAVEMENT MARKINGS  
GRADING AND SHAPING SHOULDERS

### LEGEND

- ① EXISTING PAVEMENT MARKING
- ② TEMPORARY PAVEMENT MARKING
- ③ PERMANENT PAVEMENT MARKING (FINAL STAGE)
- ④ DELETED
- ⑤ PROPOSED POLYMERIZED HMA SURFACE COURSE, 2"
- ⑥ PROPOSED HMA SURFACE COURSE, 2"
- ⑦ PROPOSED POLYMERIZED LEVELING BINDER, 3/4"
- ⑧ PROPOSED POLYMERIZED HMA BINDER COURSE, 2"
- ⑨ PROPOSED HMA BINDER COURSE, 3 1/4"
- ⑩ PROPOSED HMA SURFACE COURSE, 1 1/2"
- ▨ - HMA SURFACE REMOVAL
- - LEVELING BINDER
- ▩ - BINDER COURSE
- ▧ - SURFACE COURSE

### NOTES:

1. GRADE DIFFERENTIAL BETWEEN LANES SHALL NOT EXCEED 1 1/2"
2. SEE DETAIL TC-12 FOR PAVEMENT MARKING AT GORE AREAS.
3. REMOVAL OF TEMPORARY PAVEMENT MARKING WHEN REQUIRED SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.
4. INSTALL PERMANENT PAVEMENT MARKINGS (LANE LINES) PRIOR TO OPENING LANES TO TRAFFIC.
5. UNEVEN LANE SIGNS. THE CONTRACTOR SHALL FURNISH AND ERECT GRAPHICAL "UNEVEN LANE" SIGNS (W8-11) ON BOTH SIDES OF THE EXPRESSWAY, AT ANY TIME WHEN A DROP-OFF EXISTS BETWEEN ADJACENT LANES OPEN TO TRAFFIC DUE TO PAVING OPERATIONS. SIGNS SHALL BE PLACED 500 FEET IN ADVANCE OF THE DROP-OFF, WITHIN 500 FEET OF EVERY ENTRANCE, AND A MINIMUM OF EVERY MILE.

FILE NAME = c:\projects\p101694\design-bb\dgn	USER NAME = hamdanah	DESIGNED - DRAWN -	REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 53 (EXTENSION) LAKE-COOK ROAD TO U. S. 12 (RAND ROAD) SEQUENCE OF OPERATIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED -	342			(530 & 531) RS-4	COOK	31	9	
PLOT DATE = 5/19/2000	DATE -	REVISED -	SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.			CONTRACT NO. 62079				
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				