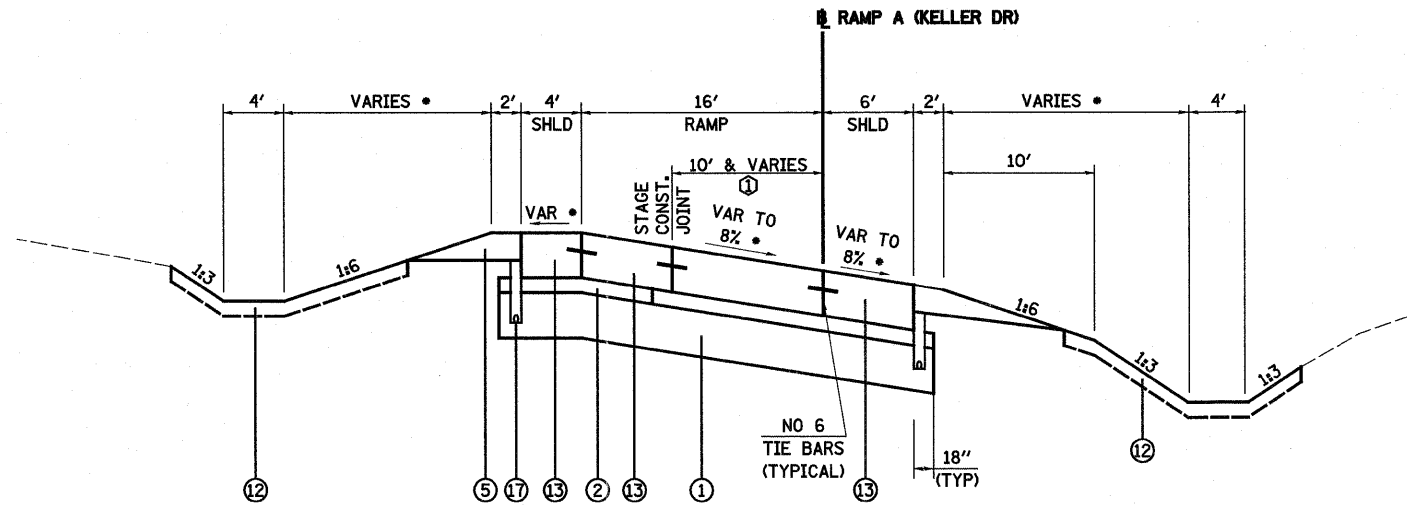


**STRUCTURAL DESIGN INFORMATION  
KELLER DRIVE RAMPS**

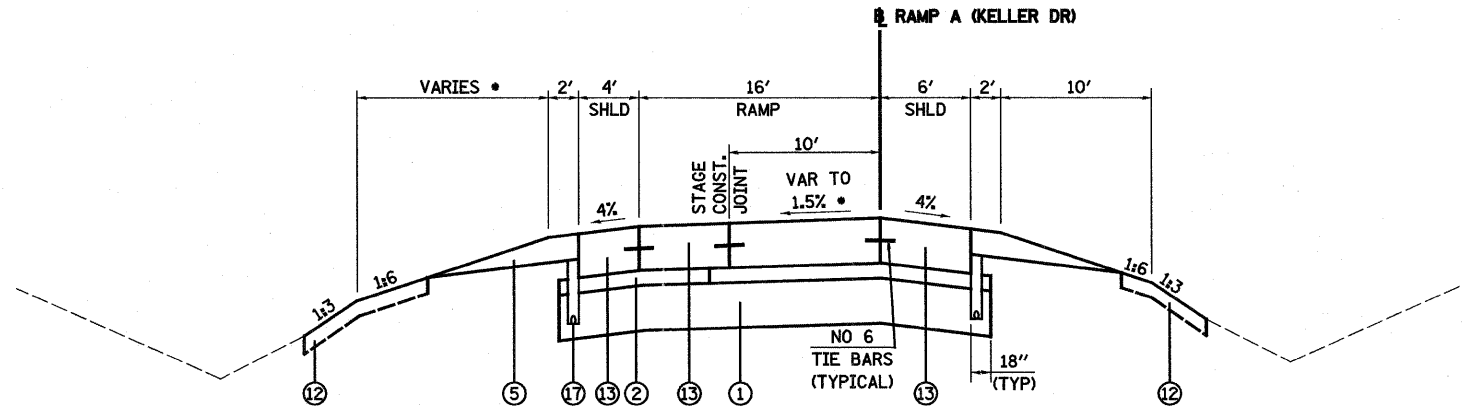
ROAD CLASSIFICATION: CLASS I  
 STRUCTURAL DESIGN TRAFFIC: 2030  
 PV = 3,725 SU = 273 MU = 1,606  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE  
 P = 100% S = 100% M = 100%  
 MINIMUM SUBGRADE SUPPORT RATING: POOR  
 RIGID PAVEMENT DESIGN: MINIMUM  $T_F = 13.40$   
 ACTUAL  $T_F = 23.17$   
 SELECTED DESIGN 10.25 JRCP



**RAMP A (KELLER DRIVE)  
PROPOSED SUPERELEVATED SECTION**

STA 16+61.67 TO STA 23+28.26

• SEE CROSS SECTIONS AND SUPERELEVATION TABLES  
 ① SEE TERMINAL JOINT DETAIL



**RAMP A (KELLER DRIVE)  
PROPOSED TANGENT SECTION**

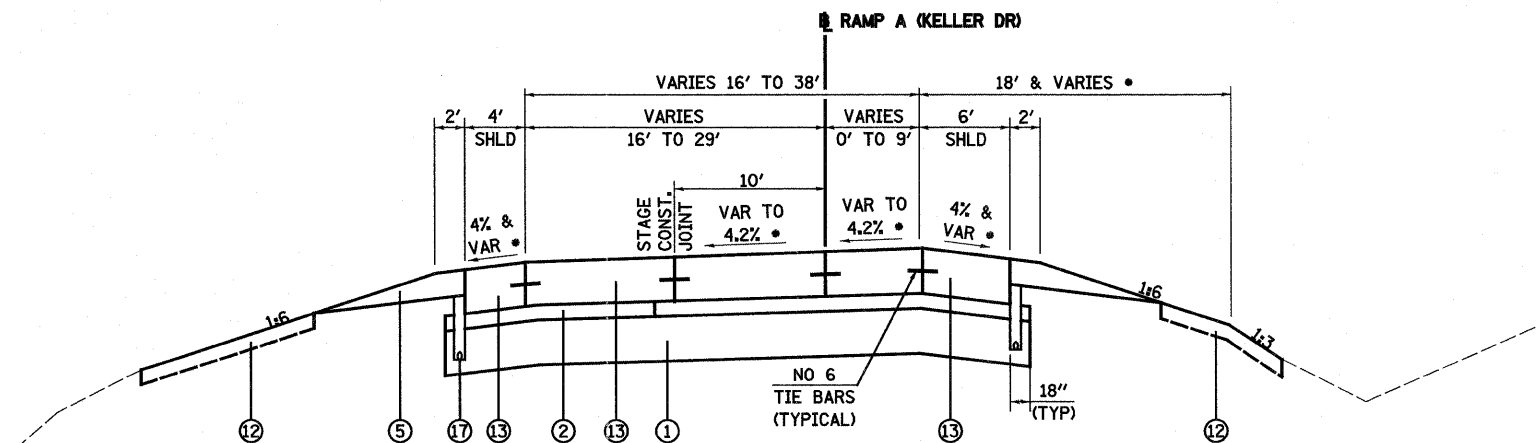
STA 23+28.26 TO STA 24+51.69

• SEE CROSS SECTIONS AND SUPERELEVATION TABLES

**LEGEND**

- ① PROPOSED PROCESSING MODIFIED SOIL 12"
- ② PROPOSED STABILIZED SUB-BASE 4"
- ③ PROPOSED CONTINUOUSLY REINFORCED PCC PAVEMENT 13"
- ④ PROPOSED PAVEMENT REINFORCEMENT 13"
- ⑤ PROPOSED AGGREGATE SHOULDERS, TYPE B 6"
- ⑥ PROPOSED PIPE UNDERDRAINS 6"
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑨ PROPOSED CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑩ PROPOSED STEEL PLATE BEAM GUARD RAIL, TYPE A
- ⑪ PROPOSED STORM SEWERS, CLASS A
- ⑫ PROPOSED TOPSOIL 4"
- ⑬ PROPOSED PCC PAVEMENT 10 1/4" (JOINTED)
- ⑭ PROPOSED PCC PAVEMENT 10 1/2" (JOINTED)
- ⑮ PROPOSED PAVEMENT FABRIC
- ⑯ PROPOSED CONCRETE BARRIER BASE
- ⑰ PROPOSED PIPE UNDERDRAINS 4"
- ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑲ PROPOSED AGGREGATE BASE COURSE, TYPE B, 8"
- ⑲ PROPOSED AGGREGATE SHOULDER TYPE B
- ⑲ PROPOSED PROCESSING MODIFIED SOIL 24"

SEE LEGEND NOS. ③-④ FOR PAVEMENT COMPOSITION OF SHOULDERS AND DRIVING LANES



**RAMP A (KELLER DRIVE)  
PROPOSED TANGENT SECTION**

STA 24+51.69 TO STA 27+56.47

NOTES  
 PROPOSED SIDE SLOPES/DITCHES VARY - SEE CROSS SECTIONS

LIMITS OF PROPOSED TOPSOIL Varies - SEE CROSS SECTIONS

FILE NAME =	USER NAME = linda	DESIGNED - JWS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS - KELLER DR, RAMP A</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#	PLOT SCALE = 100,0000' / IN.	DRAWN - MAB	REVISED -			57/70	(25-3,4)R	EFFINGHAM	1098	29	
	PLOT DATE = 3/17/2011	CHECKED - BRM	REVISED -			SCALE: 1"=50'	SHEET NO. 16 OF 17 SHEETS	FED. ROAD DIST. NO.	(ILLINOIS) FED. AID PROJECT		
		DATE - 6-12-08	REVISED -			STA. 16+61.67 TO STA. 27+56.47					CONTRACT NO. 74299