

**EXISTING CONDITIONS**

- (A) HOT-MIX ASPHALT SURFACE COURSE 2 1/2"-3"
- (B) PORTLAND CEMENT CONCRETE PAVEMENT, 10"
- (C) PORTLAND CEMENT CONCRETE BASE COURSE, 9"-10"
- (D) HOT-MIX ASPHALT BASE COURSE, 11 1/4"
- (E) HOT-MIX ASPHALT SHOULDER, 8"
- (F) AGGREGATE SHOULDER, 6"-8"
- (G) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 OR B-6.24
- (H) MEDIAN SURFACE, 12"
- (I) EXISTING GROUND
- (J) GRANULAR SUBBASE, THICKNESS VARIES

**PROPOSED IMPROVEMENTS**

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90: 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70: 2"
- (3) LEVELING BINDER (MACHINE METHOD), N70: 3/4" & VAR. ON US 30, 1" ON IL 31 & VAR.
- (4) (US 30) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12 3/4" CONSISTING OF:  
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90: 2"  
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90: 2 1/4"  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90: 8 1/2"
- (5) PAVEMENT RECONSTRUCTION (IL 31) CONSISTING OF:  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70: 2"  
HOT-MIX ASPHALT BASE COURSE: 10 3/4"
- (6) (RAMPS) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12 1/2" CONSISTING OF:  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70: 2"  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 10 1/2"
- (7) (US 30 & IL 31) HOT-MIX ASPHALT SHOULDERS, 12 3/4" CONSISTING OF:  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70: 2"  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 10 3/4"
- (8) (RAMPS) HOT-MIX ASPHALT SHOULDERS, 12 1/2" CONSISTING OF:  
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70: 2"  
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 10 1/2"
- (9) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (10) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (11) AGGREGATE SHOULDER, TYPE B, 8"
- (12) AGGREGATE WEDGE SHOULDER, TYPE B
- (13) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (14) CONCRETE MEDIAN SURFACE, 4"
- (15) PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- (16) PORTLAND CEMENT CONCRETE SHOULDERS, 10"
- (17) TOPSOIL, FURNISH & PLACE, 4", FERTILIZER NUTRIENTS AND SEEDING OR SODDING. SEE LANDSCAPING PLANS FOR LOCATIONS AND SEEDING TYPE.
- (18) TOPSOIL, FURNISH & PLACE, 30", FERTILIZER NUTRIENTS, SEEDING CLASS 2A AND EROSION CONTROL BLANKET

(19) EPOXY COATED, DEFORMED, NO. 6 TIE BARS, 24" LONG @ 24" C-C  
COST INCIDENTAL TO PCC PAVT, CONC C & G AND CONC MEDIAN TY SB-6

(20) EPOXY COATED, DEFORMED, NO. 6 TIE BARS, 30" LONG @ 24" C-C  
COST INCIDENTAL TO PCC SHOULDERS, 10"

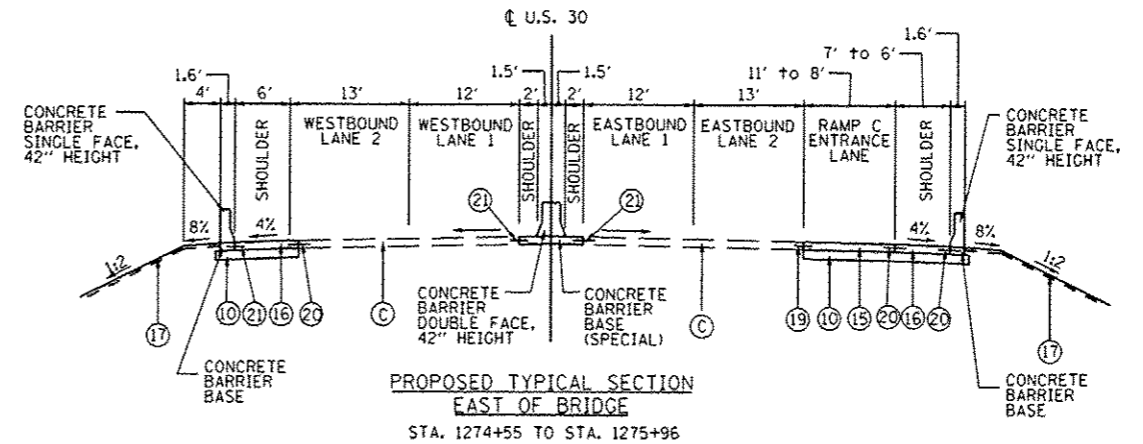
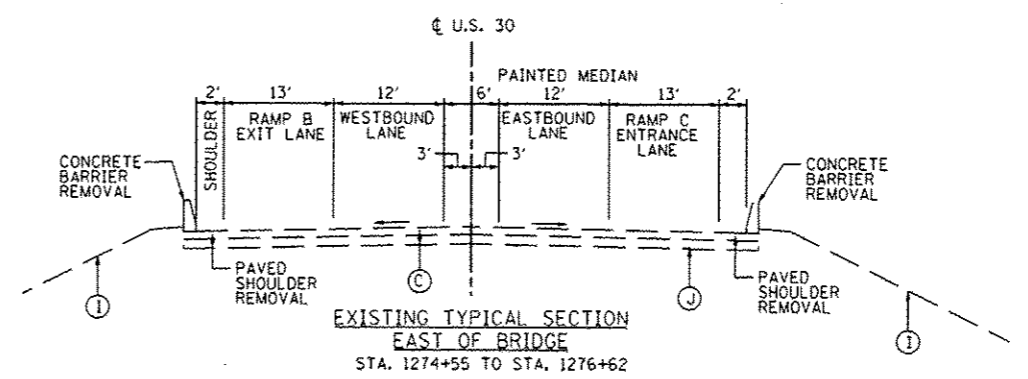
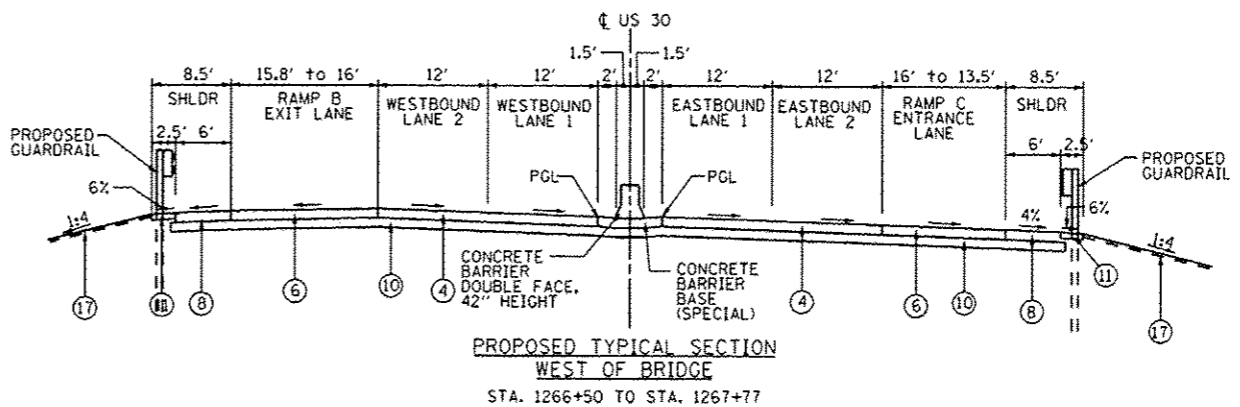
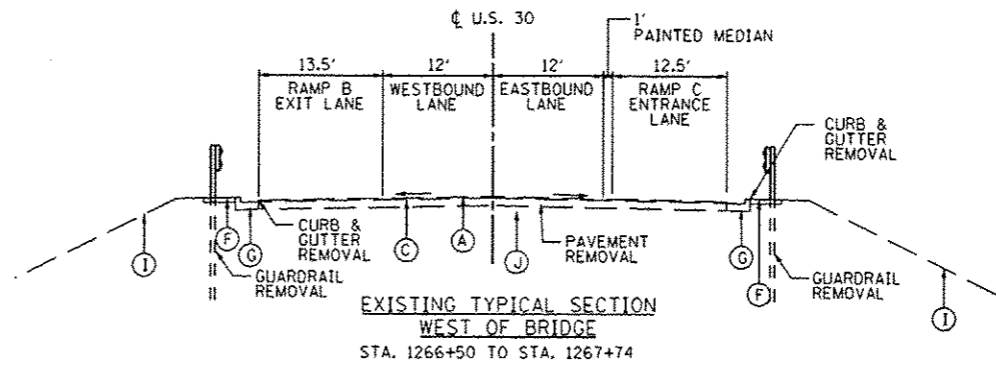
(21) EPOXY COATED, DEFORMED, NO. 6 TIE BARS, 24" LONG @ 24" C-C  
COST INCIDENTAL TO CONCRETE BARRIER BASE

(22) HOT-MIX ASPHALT BASE COURSE, 10"

(23) HOT-MIX ASPHALT BASE COURSE WIDENING, 10"

**NOTES:**

1. IN AREAS WHERE EXISTING DRIVEWAY AND ROADWAY PAVEMENTS ARE BEING REMOVED AND NOT REPLACED, THE AREA SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 30 INCHES BELOW EXISTING PAVEMENT ELEVATION TO REMOVE GRAVEL SUBGRADE BENEATH THE PAVEMENTS. THE ADDITIONAL EXCAVATION WILL BE PAID FOR AS EARTH EXCAVATION.



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 30 AT IL ROUTE 31  
TYPICAL SECTIONS - U.S. ROUTE 30**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11 VBI) R-3	*	507	28
* KANE AND KENDALL			CONTRACT NO. 60133	
ILLINOIS FED. AID PROJECT				

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USER NAME	DESIGNED	REVISED
* 1054	- JWB	- GRAEF 9-11-12
DRAWN	CHECKED	REVISED
- JWB	- RS	-
PLOT SCALE	DATE	REVISED
= 20.0000 "/ IN.	- 06/15/2012	-
PLOT DATE	DATE	REVISED
* 9/13/2012	-	-