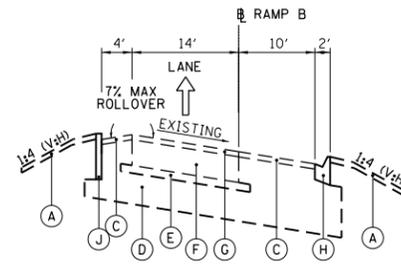
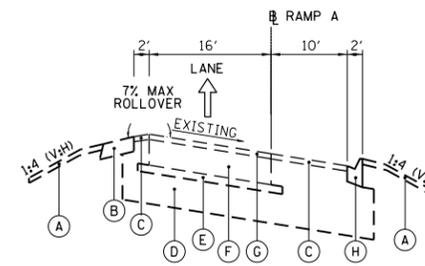


**EXISTING LEGEND**

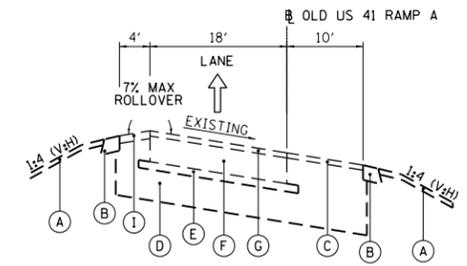
- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- (C) EXISTING BITUMINOUS CONCRETE SHOULDERS, 2"
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
- (E) EXISTING STABILIZED SUB-BASE, 3 IN.
- (F) EXISTING PCC PAVEMENT, 10"
- (G) EXISTING BITUMINOUS CONCRETE OVERLAY, 2"
- (H) EXISTING GUTTER, TYPE G-2
- (I) EXISTING BITUMINOUS CONCRETE SHOULDERS, 3"
- (J) EXISTING CONCRETE BARRIER CURB (STA 150+68 TO STA 155+68)



**ISTHA**  
**EXISTING IL173**  
**SOUTHBOUND ENTRANCE RAMP B**  
(LOOKING SOUTH)  
STA 150+44.93 TO STA 158+98.66



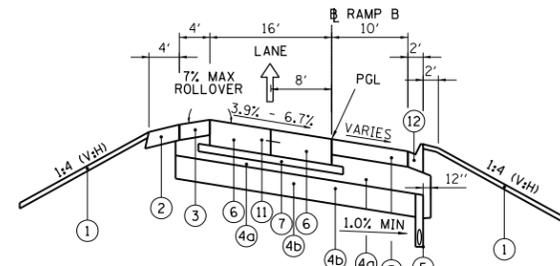
**ISTHA**  
**EXISTING IL 173**  
**NORTHBOUND EXIT RAMP A**  
(LOOKING NORTH)  
STA 53+40.00 TO STA 60+05.99



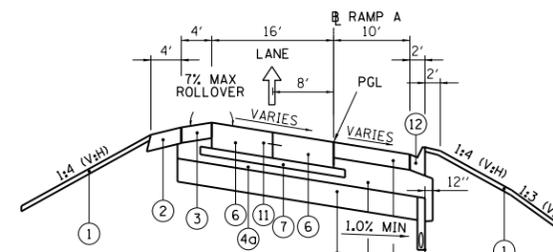
**ISTHA**  
**EXISTING OLD US ROUTE 41**  
**SOUTHBOUND ENTRANCE RAMP**  
(LOOKING SOUTH)  
STA 179+61.00 TO STA 185+95.00

**PROPOSED LEGEND**

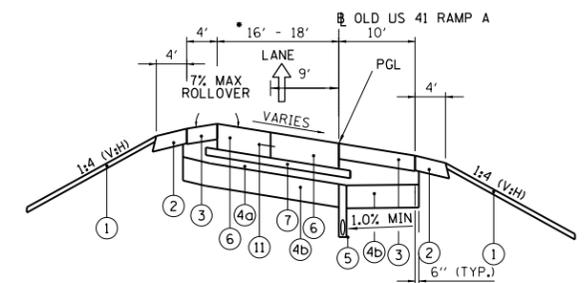
- (1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 6" (JI481110)
- (3) HOT-MIX ASPHALT SHOULDERS, 6" (48203021)
- (4) SUB-GRADE AGGREGATE 12 IN. (JT211A11)
  - (4a) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
  - (4b) 9" PGE
- (5) PIPE UNDERDRAINS, FABRIC LINED TRENCH 6" (60109520)
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (JI420005)
- (7) STABILIZED SUBBASE - HMA, 3" (JI312020)
- (8) AGGREGATE SHOULDERS SPECIAL, TYPE C (X4811410)
- (9) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (10) GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (JI630002)
- (11) LONGITUDINAL SAWED OR CONSTRUCTION JOINT.  
FOR LONGITUDINAL SAWED JOINT, POUR IN PLACE NO. 6 DEFORMED EPOXY TIE BARS 30" LONG AT 30" C-C. FOR LONGITUDINAL CONSTRUCTION JOINT, DRILL AND GROUT NO. 6 DEFORMED EPOXY TIE BARS 24" LONG AT 24" C-C. (SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED))
- (12) GUTTER, TYPE G-2 (JI606010)



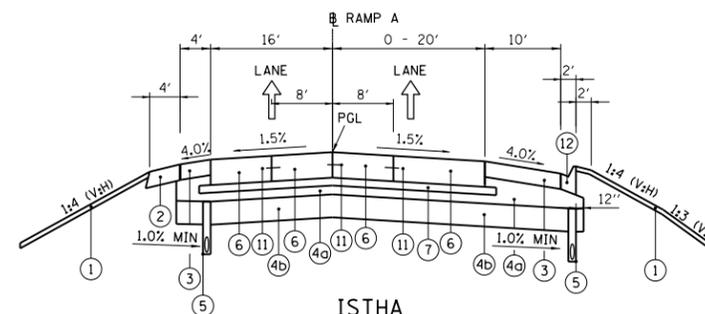
**ISTHA**  
**PROPOSED IL173**  
**SOUTHBOUND ENTRANCE RAMP B**  
(LOOKING SOUTH)  
STA 150+44.93 TO STA 158+98.66



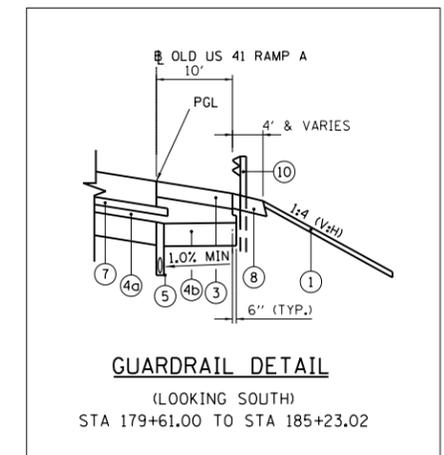
**ISTHA**  
**PROPOSED IL173**  
**NORTHBOUND EXIT RAMP A**  
(LOOKING NORTH)  
STA 53+40.00 TO STA 54+52.46



**ISTHA**  
**PROPOSED OLD US ROUTE 41**  
**SOUTHBOUND ENTRANCE RAMP**  
(LOOKING SOUTH)  
STA 179+61.00 TO STA 185+95.00  
• RAMP TRANSITIONS FROM 18' TO 16' AT STA 185+95.00 TO STA 184+95.00



**ISTHA**  
**PROPOSED IL173**  
**NORTHBOUND EXIT RAMP A**  
(LOOKING NORTH)  
STA 54+52.46 TO STA 60+05.99



**GUARDRAIL DETAIL**  
(LOOKING SOUTH)  
STA 179+61.00 TO STA 185+23.02

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
Chicago, Illinois  
312.228.0100  
www.bbandainc.com



FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
		DRAWN - JMG	REVISED -
	PLOT SCALE = H=1"=10' V=1"=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - RAMPS**

SCALE: NA SHEET NO. 10 OF 15 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	38
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

S:\1101\95-CADD\60L77 IL 173\60L77 Sheets\0160L77-INT-typical.dgn