## EXISTING LEGEND

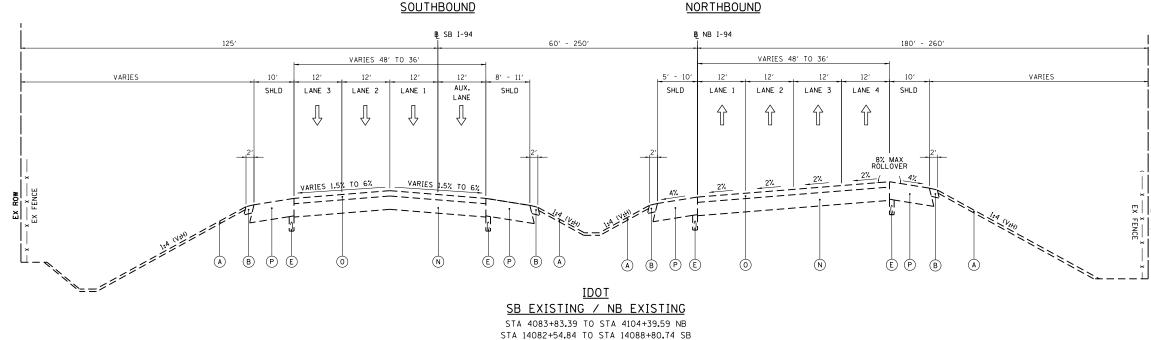
- (A) EXISTING TOPSOIL
- (B) EXISTING AGGREGATE SHOULDER
- © EXISTING BITUMINOUS CONCRETE SHOULDERS (9 IN.)
- (D) EXISTING AGGREGATE SUB-GRADE, 12"
  - $\bigcirc$  3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)  $\bigcirc$  9" PGE
- (E) EXISTING PIPE UNDERDRAINS
- F EXISTING CONCRETE BARRIER, DOUBLE FACE, 42 INCH
- G EXISTING CONCRETE BARRIER, BASE
- (H) EXISTING BITUMINOUS CONCRETE SHOULDERS (6 IN.)
- (I) EXISTING STABILIZED SUB-BASE, 3 IN.
- (J) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)
- $\overline{(K)}$  EXISTING CONCRETE BARRIER BASE, VARIABLE HEIGHT
- (L) EXISTING CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT
- (M) EXISTING CONCRETE GUTTER (SPECIAL)
- (N) EXISTING PCC PAVEMENT, 10"
- (0) EXISTING BITUMINOUS CONCRETE OVERLAY, 4"
- (P) EXISTING BITUMINOUS CONCRETE SHOULDERS 13"
- (0) EXISTING PERMANENT SHEET PILING
- R) EXISTING CONCRETE RETAINING WALL
- S EXISTING CONCRETE STRUCTURES MOMENT SLAB
- (T) EXISTING CONCRETE BARRIER, 42"
- (U) EXISTING GUTTER, TYPE G-3
- (V) EXISTING PCC PAVEMENT, 12" DOWELED

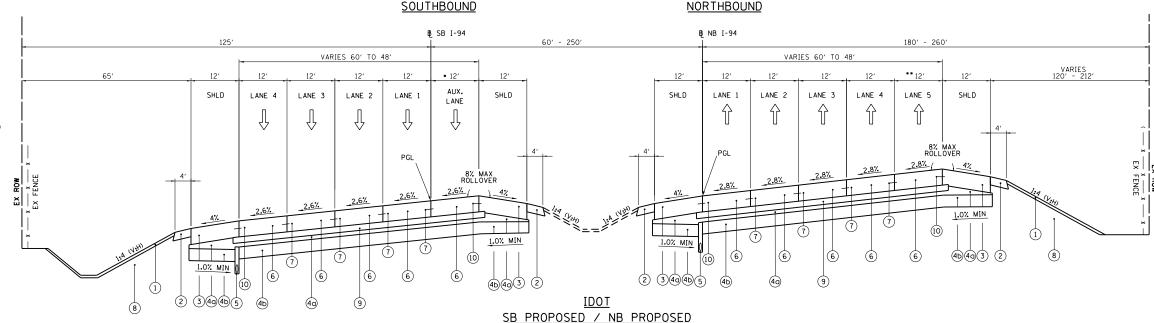
## PROPOSED LEGEND

- 1) TOPSOIL EXCAVATION AND PLACEMENT (21101505) (4")
- (2) AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- (3) PORTLAND CEMENT CONCRETE SHOULDERS 12" (48300700)
- 4) AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- (40) 3" CA-6 AGGREGATE CAP (THICKNESS VARIES UNDER SHOULDER)
  (4b) 9" PGE
- (5) PIPE UNDERDRAINS 6" (60107700) (SEE IDOT STANDARD 601001-04)
- 6 PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED) (42000541)
- (7) 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, 12" (JOINTED))
- (8) EMBANKMENT MATERIAL AS NEEDED (SEE CROSS SECTIONS)
- (9) STABILIZED SUBBASE HOT MIX ASPHALT, 4 1/2" (31200502)
- 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 SHOULDERS, 12")
- (11) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001)
- 12 HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE

www.bbandainc.com

BEAM GUARD RAIL (Z0005216)





STA 4083+83.39 TO STA 4104+39.59 NB

• VARIES FROM 12' TO 0' FROM STA 14086+05.74 TO STA 14088+80.74 SB

STA 14082+54.84 TO STA 14088+80.74 SB

•• VARIES FROM 12' TO 0' FROM STA 4096+20.00 TO STA 4103+94.62 NB

BOWMAN, BARRETT & ASSOCIATES INC.

CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100

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 = 6/28/2012	DATE	-	6/28/2012	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

							F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							94	49-1-R-1	LAKE	677	36
									CONTRACT	NO. 6	OL 77
ALE:	NA	SHEET NO. 8 OF 15 SHEETS	STA.	NA	TO STA.	NA	ILLINOIS FED. AID PROJECT				