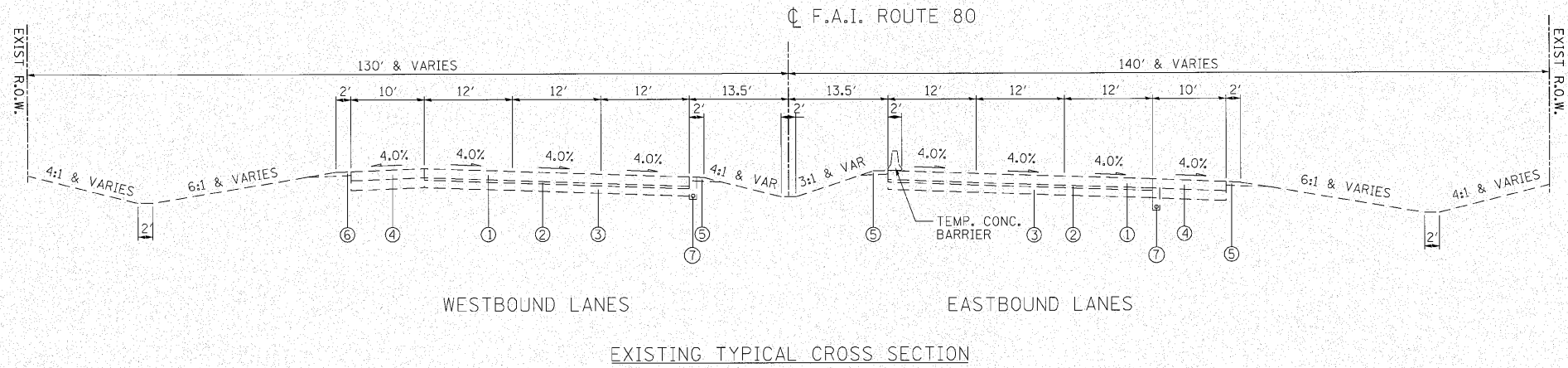


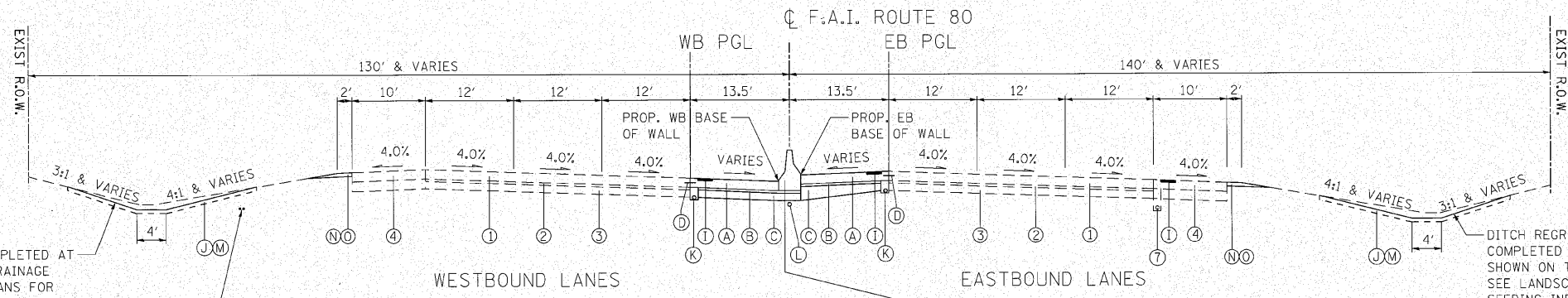
**AGGREGATE SHOULDER DETAIL WITH GUARDRAIL \*\***

\*\* FOR AGGREGATE SHOULDER DETAILS AT TYPE I (SPECIAL) TERMINALS, SEE STANDARD 630301



**EXISTING TYPICAL CROSS SECTION**

F.A.I. ROUTE 80  
STA. 718+37 TO STA. 763+88  
(LOOKING EAST)



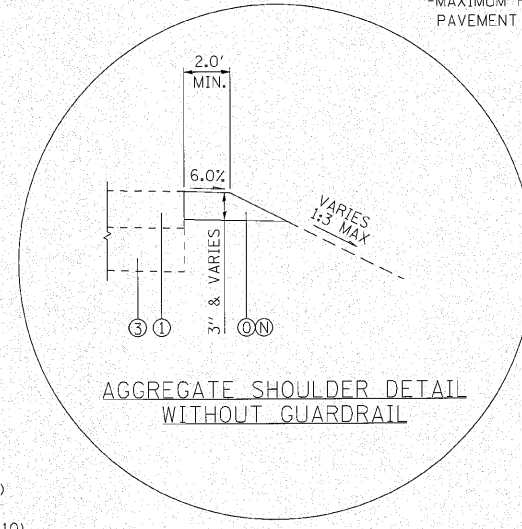
**PROPOSED TYPICAL CROSS SECTION**

F.A.I. ROUTE 80  
STA. 718+37 TO STA. 763+88  
(LOOKING EAST)

DITCH REGRADING TO BE COMPLETED AT LOCATIONS SHOWN ON THE DRAINAGE PLANS. SEE LANDSCAPING PLANS FOR SEEDING INFORMATION.

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**NOTES:**  
-SEE ROADWAY PLAN & PROFILE SHEETS FOR SHOULDER SLOPES  
-MAXIMUM ROLLOVER FROM INSIDE SHOULDER TO EDGE OF PAVEMENT IS 8.0%



**AGGREGATE SHOULDER DETAIL WITHOUT GUARDRAIL**

**PROPOSED LEGEND**

- (A) PORTLAND CEMENT CONCRETE SHOULDER, 12 1/4" (48300705)
- (B) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2" (31200502)
- (C) AGGREGATE SUBGRADE, 12" (Z0001050)
- (D) DRILL AND GROUT #6 TIE BARS (AS PER STANDARD 420001) (INCLUDED IN THE COST FOR PROPOSED PCC SHOULDER, 12 1/4")
- (E) CONCRETE BARRIER BASE (63700900)
- (F) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (63700275)
- (G) CONCRETE BARRIER, DOUBLE FACE (SPECIAL) (X0326445)
- (H) CONCRETE BARRIER, VARIABLE CROSS SECTION, 42" HEIGHT (X6370250)
- (I) SHOULDER RUMBLE STRIP (AS PER STANDARD 642001) (64200105)
- (J) TOPSOIL FURNISH AND PLACE, 4" (21101615)
- (K) PIPE UNDERDRAIN, 6" (60107700)
- (L) CONDUIT IN TRENCH, 4" DIA., PVC (81013000)
- (M) EARTH EXCAVATION (20200100)
- (N) AGGREGATE SHOULDERS, TYPE B (48101200)
- (O) GRADING AND SHAPING SHOULDERS (X2020110)

**EXISTING LEGEND**

- (1) CRC PAVEMENT 12-1/4"
- (2) STABILIZED SUB-BASE 4"
- (3) AGGREGATE SUBGRADE 12"
- (4) PCC SHOULDER 12-1/4"
- (5) AGGREGATE SHOULDER TYPE B, 6"
- (6) AGGREGATE SHOULDER TYPE A, 6"
- (7) PIPE UNDERDRAIN 6"

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<p><b>Giorba Group, Inc.</b> CONSULTING ENGINEERS 6607 North Cumberland Avenue, Suite 402 Chicago, Illinois 60648 Tel: 773.775.6200 Fax: 773.775.4614 Email: giorba@giorba.com</p>	USER NAME = acornwell DESIGNED - CRC DRAWN - JMK CHECKED - MRJ DATE - 10/27/2010	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>F.A.I. 80 FROM US 30 TO NS RAILROAD TYPICAL SECTIONS</b>	F.A.I. RTE. 80 SECTION 99-5-Y COUNTY WILL CONTRACT NO. 60147	TOTAL SHEETS 276 SHEET NO. 13
	PLOT SCALE = 10.00' / 1" PLOT DATE = 10/27/2010	SCALE: SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT	