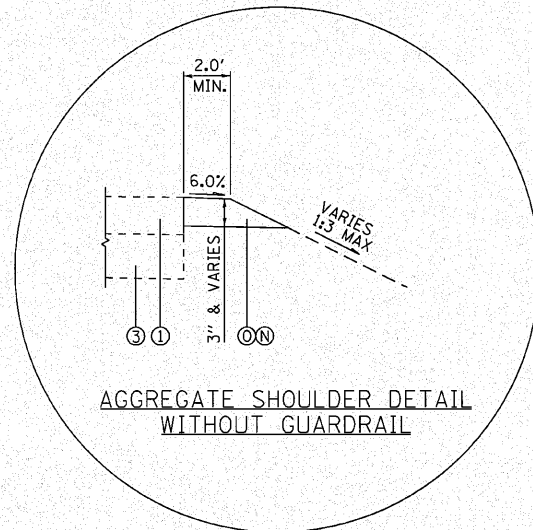


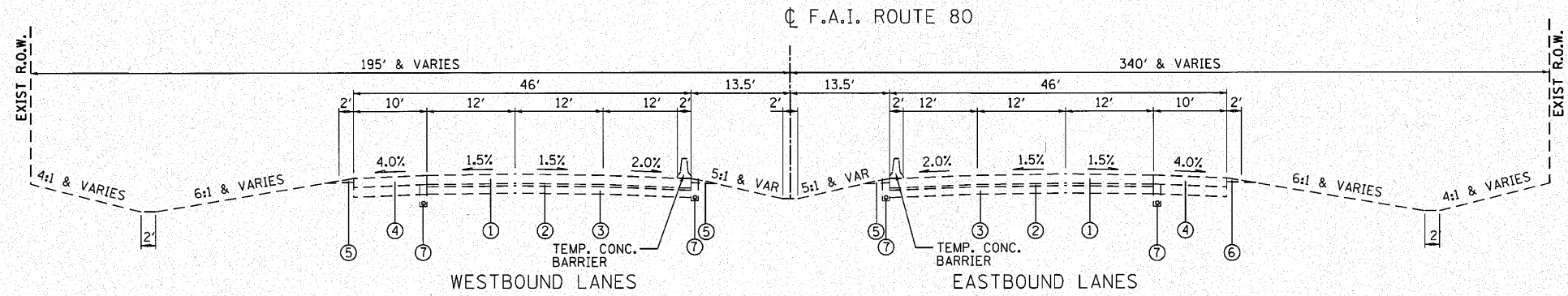
**AGGREGATE SHOULDER DETAIL WITH GUARDRAIL\*\***

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



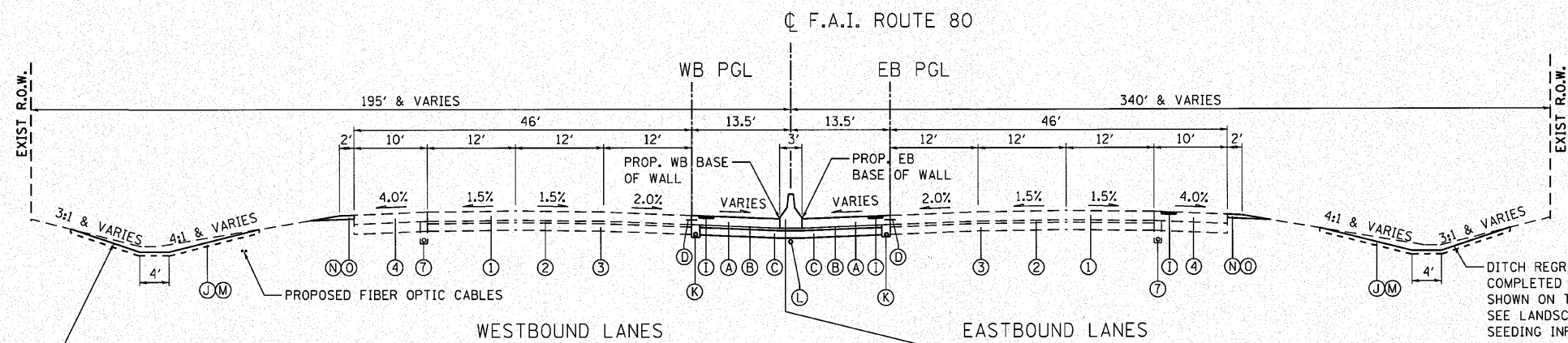
**AGGREGATE SHOULDER DETAIL WITHOUT GUARDRAIL**

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



**EXISTING TYPICAL CROSS SECTION**

F.A.I. ROUTE 80  
STA. 715+85 TO STA. 718+37  
STA. 763+88 TO STA. 882+50  
(LOOKING EAST)



**PROPOSED TYPICAL SECTION**

F.A.I. ROUTE 80  
STA. 715+85 TO STA. 718+37  
STA. 763+88 TO STA. 882+50  
(LOOKING EAST)

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

**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" (20001050)
- (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"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ NDES
STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2" (BINDER IL-19mm)	2% & 30 GYR.

**NOTE:**  
HMA MIX SHALL BE PG 64-22 OR AS SPECIFIED IN THE "USE OF RAP" DISTRICT ONE SPECIAL PROVISION.

K:\PROJ\3384\2 - Misc\Design\Typical\Sections\3384W - Typical 01.dgn

**ENGINEERING CONSULTANT**  
**Clorba Group, Inc.**  
CONSULTING ENGINEERS  
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Tel: 773.775.4000 Fax: 773.775.4014  
Email: cgroup@clorba.com

USER NAME = jkellman	DESIGNED - CRC	REVISED -
PLOT SCALE = 10.00' / IN.	DRAWN - JMK	REVISED -
PLOT DATE = 12/6/2010	CHECKED - MRJ	REVISED -
	DATE - 10/27/2010	REVISED -

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

**F.A.I. 80 FROM US 30 TO NS RAILROAD**  
**TYPICAL SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-5-Y	WILL	276	12

CONTRACT NO. 60147  
ILLINOIS FED. AID PROJECT