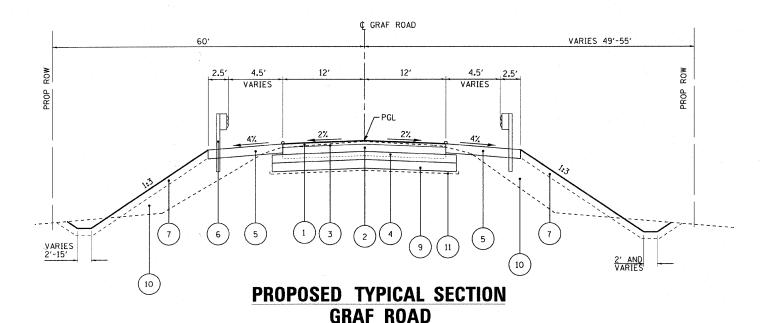
## PROPOSED TYPICAL SECTION **GRAF ROAD**

STA. 304+40 TO STA. 305+54 STA. 308+06 TO STA. 309+55



STA. 305+54 TO STA. 308+06 BRIDGE OMISSION STA 306+42.42 TO STA 307+41.67

## **EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (VARIES 3 1/2" TO 4 1/4")
- AGGREGATE SUBBASE (VARIES 10 1/2" TO 10 3/4")
- (C) HOT-MIX ASPHALT SHOULDERS
- AGGREGATE SHOULDERS
- (E) EXISTING GROUND
- PAVEMENT REMOVAL
- SHOULDER REMOVAL (INCLUDED IN THE COST OF EARTH EXCAVATION)

## PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50-2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-4"
- BITUMINOUS MATERIALS (PRIME COAT)
- (4) AGGREGATE SUBGRADE 12"
- (5) HOT-MIX ASPHALT SHOULDERS, 6"
- (6) PROPOSED STEEL PLATE BEAM GUARDRAIL
- TOPSOIL FURNISH AND PLACE, 6"
  SEEDING, CLASS 2A,
  HEAVY DUTY EROSION CONTROL BLANKET
- 8 AGGREGATE SHOULDERS, TYPE B-6"
- (9) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
  - \*\* POROUS GRANULAR EMBANKMENT, SUBGRADE
- (10) EMBANKMENT
- (11) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

## NOTES:

1. \*\*POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED TO REPLACE SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY USE OF CONE PENETROMETER OR PROOF ROLLING. IF UNSTABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH PGES. THE REMOVAL AND REPLACEMENT AREA SHALL EXTEND TO 12 INCHES BEYOND THE SHOULDER AND COME UP AT A 1:1 SLOPE TO EXISTING GROUND SURFACE. THESE LIMITS MAY BE ALTERED BY THE ENGINEER IF FIELD CONDITIONS SO WARRANT. REMOVAL OF THESE UNSUITABLE SOILS SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL." ANY PGES AND REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR GROUND STABILIZATION NOT NEEDED AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT.

DESIGNED	-	CAC	REVISED	-	12/31/10	PER	MCDOT
DRAWN	-	BCD .	REVISED	-	02/01/11	PER	MCDOT
CHECKED	-	MDW	REVISED	-	02/01/11	PER	IDOT
DATE	-	10/08/10	FILE -				

MCHENRY COUNTY DIVISION OF TRANSPORTATION GRAF ROAD BRIDGE OVER LAWRENCE CREEK

PROPOSED TYPICAL SECTION 0037 STA. TO STA.

SCALE: NONE

SECTION COUNTY TOTAL SHEE NO. 06-00322-00-BR MCHENRY C-91-358-06 CONTRACT NO. 63569