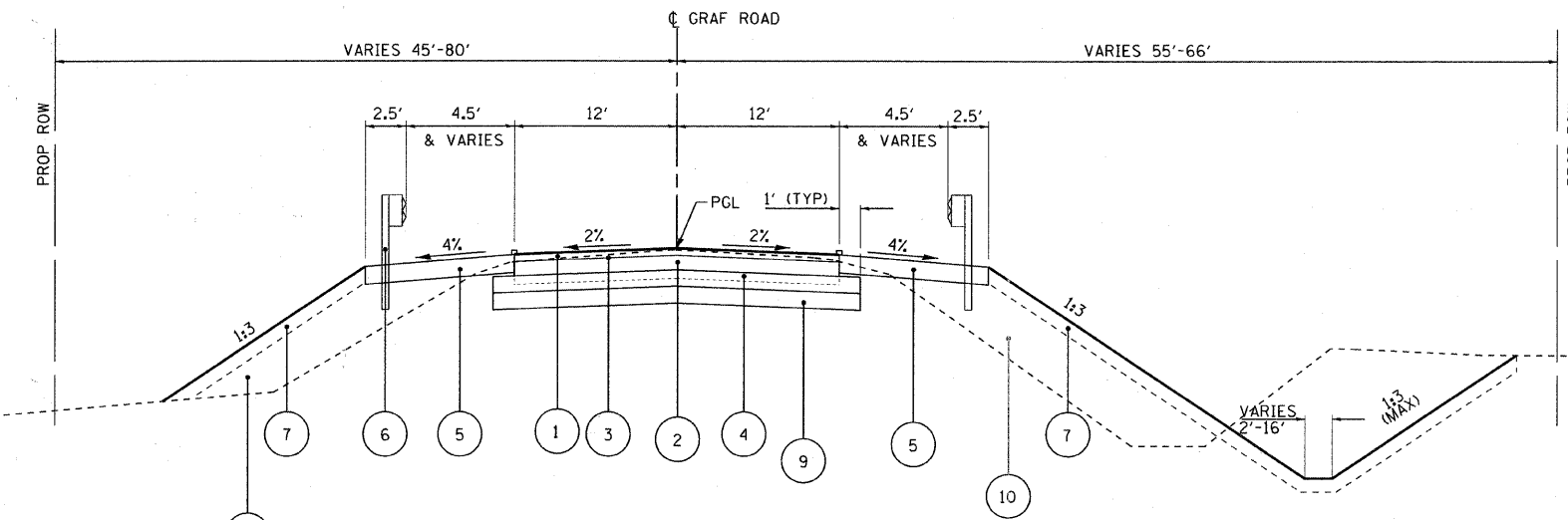


**PROPOSED TYPICAL SECTION
GRAF ROAD**

STA. 400+60 TO STA. 401+94
STA. 407+76 TO STA. 410+10



**PROPOSED TYPICAL SECTION
GRAF ROAD**

STA. 401+94 TO STA. 407+76
BRIDGE OMISSION STA 404+60.29 TO STA 405+47.79

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (VARIES 3 1/2" TO 4 1/4")
- (B) AGGREGATE SUBBASE (VARIES 10 1/2" TO 10 3/4")
- (C) HOT-MIX ASPHALT SHOULDERS
- (D) AGGREGATE SHOULDERS
- (E) EXISTING GROUND
- [Hatched Box] PAVEMENT REMOVAL
- [Dotted Box] SHOULDER REMOVAL (PAID FOR AS EARTH EXCAVATION)

PROPOSED LEGEND

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

NOTES:

- POROUS GRANULAR EMBANKMENT, SUBGRADE 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 PROOFROLLING. 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.
- SEE PROPOSED TYPICAL SECTION NOTES SHEET FOR HOT-MIX ASPHALT MIXTURE REQUIREMENTS TABLE AND STRUCTURAL DESIGN DATA TABLE.

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 LICENSE NO. 06-00322-01-BR EXPIRES 7/31/2013
 EX-075701 Lake MCDONALD 10/22/10 - Graf Road Bridges/ADP-SURVEY DRAWINGS/ADP/PHASE A/Prof West/10/22/10 - Graf Road West-TYP/SEC/ent



DESIGNED - CAC	REVISED - 12/30/10 PER MCDOT
DRAWN - BCD	REVISED -
CHECKED - MDW	REVISED -
DATE - 10/08/10	FILE -

**MCHENRY COUNTY DIVISION OF TRANSPORTATION
GRAF ROAD BRIDGE OVER
WEST BRANCH PISCASAW CREEK**

PROPOSED TYPICAL SECTIONS	
SCALE: NONE	STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0037	06-00322-01-BR	MCHENRY	52	7
C-91-258-11			CONTRACT NO. 63580	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT BR05-01110649				