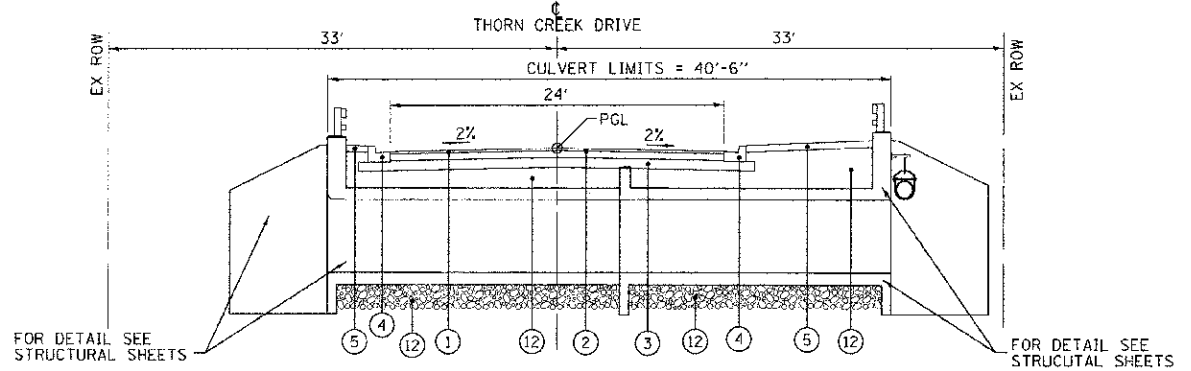
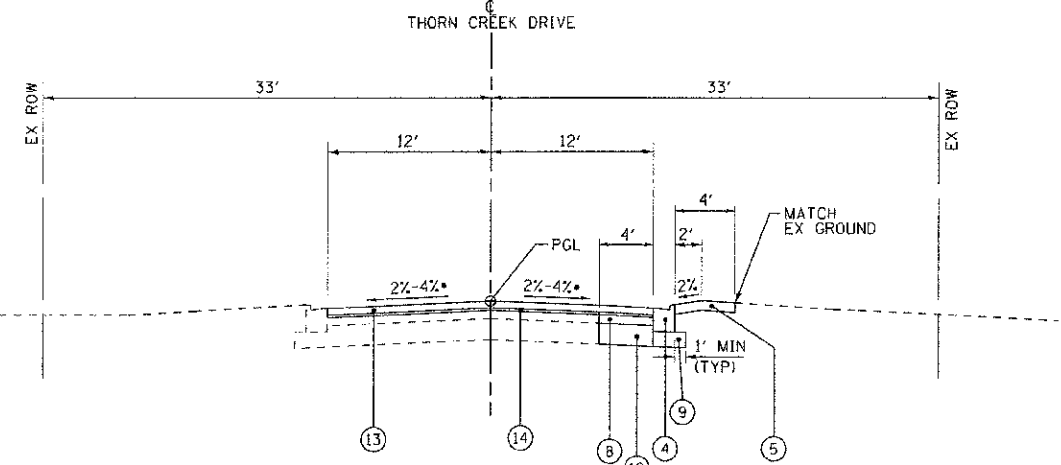


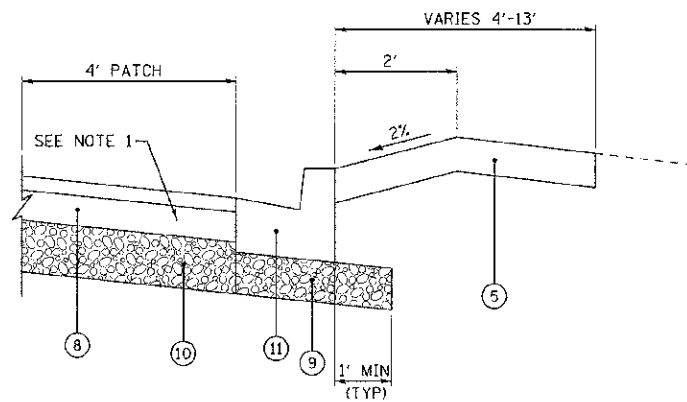
**PROPOSED TYPICAL SECTION
THORN CREEK DRIVE**
STA 28+10 TO STA 29+70
(BRIDGE OMISSION STA 28+77.75 TO STA 29+15.75)



**PROPOSED TYPICAL SECTION AT BOX CULVERT
THORN CREEK DRIVE**
LOOKING NORTH
STA 28+77.75 TO STA 29+15.75



**PROPOSED TYPICAL SECTION
THORN CREEK DRIVE**
STA 29+70 TO STA 29+91



DETAIL A
(FOR PAVEMENT PATCHING AREAS)

DETAIL A NOTES:
1. IN THE AREAS OF PAVEMENT PATCHING WITH NEW CURB AND GUTTER, SAW CUT EXISTING PAVEMENT 4' FROM EDGE OF PAVEMENT. THE TOP 2" OF MIX SHALL BE HMA SURFACE COURSE WHEN THE STREET BEING REPAIRED WILL NOT BE RESURFACED.

PROPOSED LEGEND

- ① FULL DEPTH PAVEMENT, 8"
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50-2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-6"
- ② BITUMINOUS MATERIALS (PRIME COAT)
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FLAG DEPTH - 9" MIN)
- ⑤ TOPSOIL FURNISH AND PLACE, 6"
SEEDING, CLASS 2A, 4A AND/OR 4B (SEE EROSION CONTROL PLAN)
EROSION CONTROL BLANKET
- ⑥ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
** AGGREGATE SUBGRADE IMPROVEMENT (CU YD)
- ⑦ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑧ CLASS D PATCHES, TYPE IV 8-INCH OR
CLASS D PATCHES, TYPE IV 6-INCH
- ⑨ AGGREGATE BASE COURSE, TYPE B, 4" (INCIDENTAL TO COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT)
- ⑩ AGGREGATE BASE COURSE, TYPE B 9" & EARTH EXCAVATION (INCIDENTAL TO CLASS D PATCHES, TYPE IV, 6 INCH)
- ⑪ COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- ⑫ POROUS GRANULAR EMBANKMENT
- ⑬ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- ⑭ LEVELING BINDER (MACHINE METHOD), N50 - 3/4"

NOTES:

1. SEE PLAN AND PROFILE SHEET FOR CURB GRADES.
2. **AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED TO REPLACE SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH COARSE AGGREGATE FOR AGGREGATE SUBGRADE IMPROVEMENT 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 COARSE AGGREGATE. THE REMOVAL AND REPLACEMENT AREA SHALL EXTEND TO 12 INCHES BEYOND THE BACK OF CURB AND GUTTER AND COME UP AT A 1:1 SLOPE TO AGGREGATE SUBGRADE IMPROVEMENT 12". 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 COARSE AGGREGATE AND REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR GROUND STABILIZATION NOT NEEDED AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT.

PROJECT: ROADWAY IMPROVEMENT AND BRIDGE REPAIRS
 LOCATION: VILLAGE OF PARK FOREST, ILLINOIS
 CONTRACT NO.: 08-00093-00-DR
 SHEET NO.: 41 OF 41
 DATE: 10/12/12
 DRAWN BY: BCD
 CHECKED BY: TAO
 DESIGNED BY: CAC
 FILE: 080286-TypSec2.sht



DESIGNED	CAC	REVISED	
DRAWN	BCD	REVISED	
CHECKED	TAO	REVISED	
DATE	10/12/12	FILE	080286-TypSec2.sht

**VILLAGE OF PARK FOREST, ILLINOIS
THORN CREEK DRIVE
OVER THORN CREEK**

TYPICAL SECTIONS

SCALE: NONE STA. TO STA.

MUN ST	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1045	08-00093-00-DR	WILL	41	7
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63755	
			BRM-9003(103)	