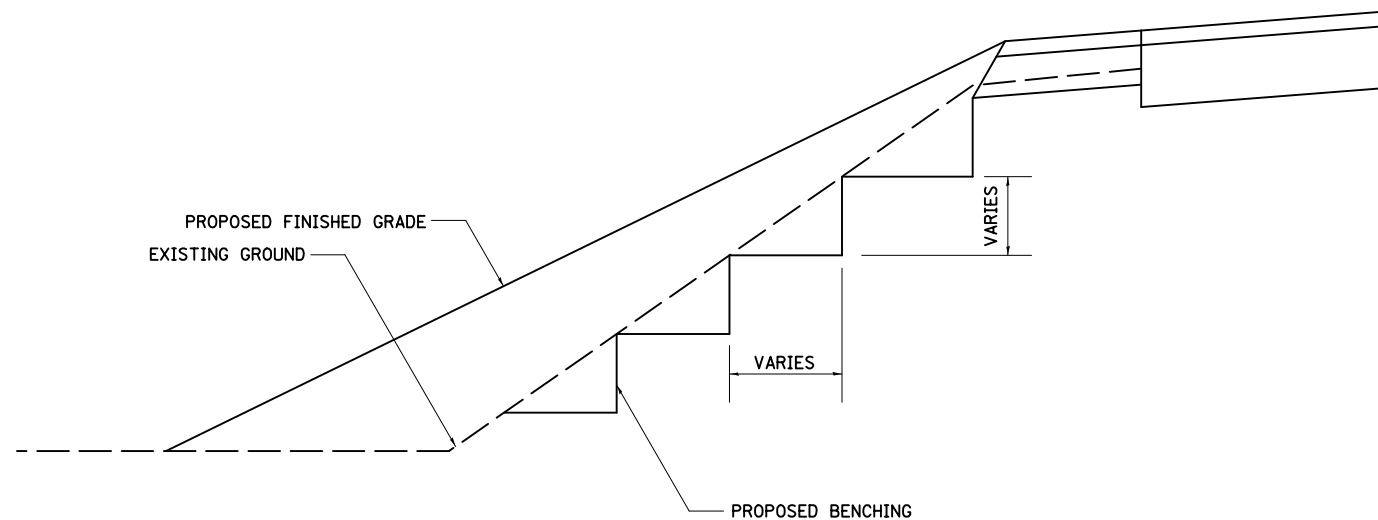


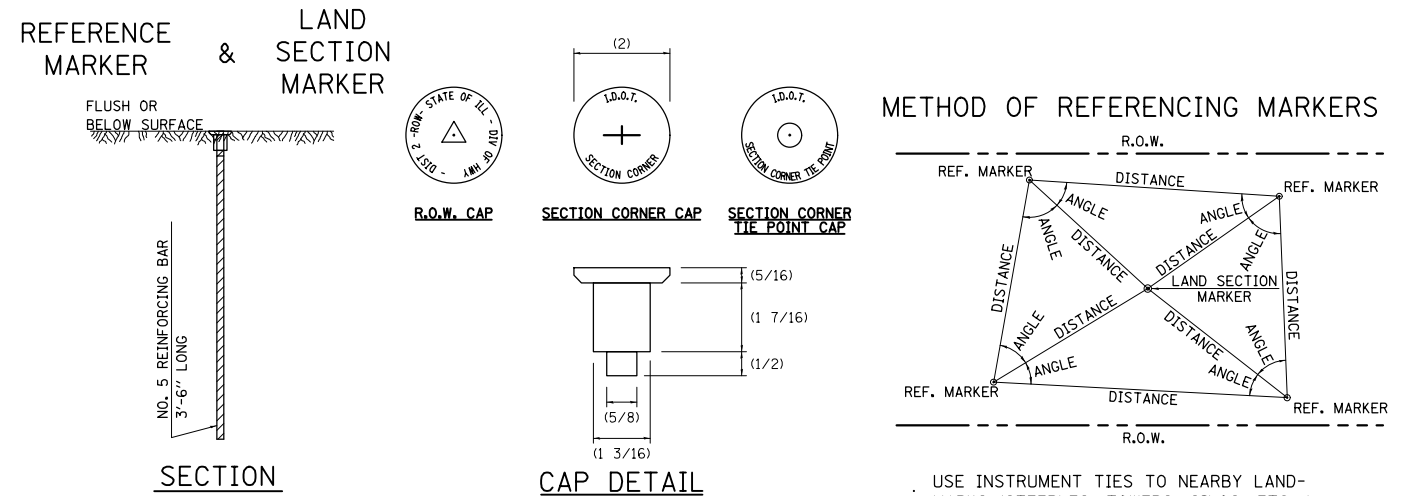
# TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

**TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4**

# LAND SECTION & REFERENCE MARKERS



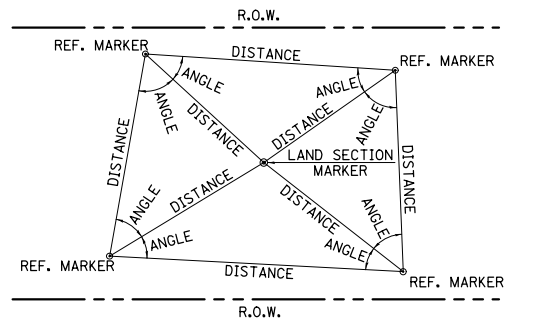
## METHOD OF REFERENCING POINTS

REFERENCE MARKERS SHALL BE USED TO TIE IN PERMANENT LAND SECTION AND 1/4 SECTION CORNERS. WHERE LAND SECTION MARKERS FALL IN THE SHOULDERS OR GRAVEL SURFACES, THE TOP OF THE BAR SHALL BE KEPT 3" BELOW THE SURFACE. LAND SECTION MARKERS LOCATED IN TRAFFIC LANES SHALL BE REPLACED BY CORE DRILL AND RESETTING PIN.

ALUMINUM CAPS SHALL BE PLACED ON TOP OF THE REINFORCEMENT BAR. THERE ARE 3 TYPES OF CAPS, ONE FOR THE RIGHT-OF-WAY CORNERS, ONE FOR THE SECTION CORNERS AND ONE FOR THE SECTION CORNER TIE POINTS. THE CAPS WILL BE SUPPLIED BY THE SURVEYOR WHO IS RESPONSIBLE FOR MONUMENTING CORNERS.

REVISED - 3-05-10

## METHOD OF REFERENCING MARKERS

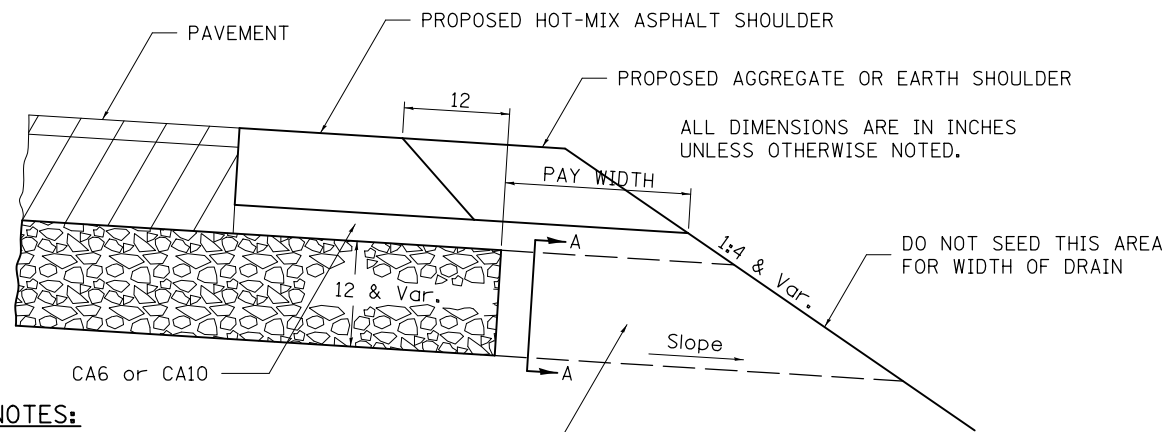


- USE INSTRUMENT TIES TO NEARBY LAND-MARKS (STEEPLES, TOWERS, SILOS, ETC...)
- IN CULTIVATED FIELDS, SET 28" OR MORE BELOW GROUND SURFACE.
- IN FENCE LINE OR PROTECTED AREA SET TOP AT GROUND LEVEL SO AS NOT TO BE DISTURBED BY MOWING.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

**LAND SECTION & REFERENCE MARKERS 63.4**

# DRAIN FOR AGGREGATE BASE COURSE



## NOTES:

The rock outlets shall be constructed using CA7 and will be paid for at the contract unit price per CUBIC YARD for FRENCH DRAINS. The thickness shall be the same as the adjacent sub-base material as noted on the plans and shall include the cost of the filter fabric. The Rock outlets will be measured in CU YD, the width being 36 by the length shown above. The cost of the CA6 or CA10 under the shoulder shall be included in the contract unit price per SQ. YD. for AGGREGATE SUBGRADE IMPROVEMENT of the thickness specified. The filter fabric to be used shall conform to the filter fabric used for FRENCH DRAINS.

ROCK OUTLET AT ALL LOW POINTS TO BE 36 WIDE AND EXTEND TO FORESLOPE



SECTION A-A

NOTE: Slope same as shoulder with 2% min.

REVISED - 10-09-12

**DRAIN FOR AGGREGATE BASE COURSE 96.4**

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATION	
NO.	



USER NAME = mszmur-lo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 2.0000' / in.	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK  
DISTRICT 2 STANDARDS 50.4, 63.4, AND 96.4

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	55
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME = D206007-shl.dwg