

HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 001001-02 AREAS OF REINFORCEMENT BARS
 001006 DECIMAL OF AN INCH AND OF A FOOT
 280001-06 TEMPORARY EROSION CONTROL SYSTEMS
 420001-07 PAVEMENT JOINTS
 420101-04 24' (7.2 M) JOINTED PCC PAVEMENT
 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT
 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
 542401-01 METAL END SECTION FOR PIPE CULVERTS
 666001-01 RIGHT-OF-WAY MARKERS
 701901-02 TRAFFIC CONTROL DEVICES
 780001-03 TYPICAL PAVEMENT MARKINGS
 BLR 21-9 TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

MIX REQUIREMENTS

PG	HMA SHOULDERS
DESIGN AIR VOIDS	PG 58-22
MIXTURE COMPOSITION	2% @ N30
FRICTION AGGREGATE	HMA SHOULDERS
RAP % MAX	N/A
	50%

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT	2.392 METRIC TONS/CU. METER (2.016 TONS/CU.YD.)
ALL AGGREGATE	2.43 METRIC TONS/CU. METER (2.05 TONS/CU.YD.)
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.41 LITERS/SQ. METER (0.09 GAL./SQ.YD.)
INTERMEDIATE LIFTS (FOG COAT)	0.20 LITERS/SQ. METER (0.04 GAL./SQ.YD.)
ON AGGREGATE SURFACE	1.45 LITERS/SQ. METER (0.32 GAL./SQ.YD.)
AGGREGATE (PRIME COAT)	0.0016 METRIC TONS/SQ. METER (0.0015 TONS/SQ.YD.)
RIPRAP	1.78 METRIC TONS/CU. METER (1.50 TONS/CU.YD.)

EARTHWORK COMPACTION SHALL BE TO THE SATISFACTION OF THE ENGINEER.

THE LIMITS OF ROCK AND EARTH SLOPES SHOWN IN THE CROSS SECTIONS ARE APPROXIMATE. THE ACTUAL SLOPE USED SHALL BE DETERMINED BY THE MATERIAL CLASSIFICATION AS DEFINED IN ARTICLE 202.04, AND AS DIRECTED BY THE ENGINEER.

PRIOR TO EXTENDING ANY CULVERT, THE ENTIRE LENGTH OF THE EXISTING CULVERT SHALL BE CLEANED OF ALL EARTH AND DEBRIS BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE PAID ACCORDING TO ARTICLE 109.04.

ALL OBSTRUCTIONS WHICH ARE WITHIN THE CLEAR ZONE SHOWN ON THE TYPICAL SECTION, AND ARE NOT SHIELDED BY THE PROPOSED GUARDRAIL, SHALL BE REMOVED BETWEEN STATION 244+67.75 AND STATION 245+12.25. TYPICAL OBSTRUCTIONS ARE HEADWALLS, FOUNDATIONS, ETC. WHICH PROJECT 4 IN. OR MORE ABOVE THE GROUNDLINE; AND TREES WHICH WILL MATURE TO A DIAMETER OF 4 IN. OR GREATER.

COMMITMENTS

NO COMMITMENTS AS OF 2-3-2012

UTILITIES

AMEREN ILLINOIS
 P.O. BOX 460
 MARION, IL 62959
 ATTN: JOE REINHARD

COAL VALLEY WATER
 19310 CRAB ORCHARD ROAD
 MARION, IL 62959
 ATTN: BILL PATE

GALAXY CABELVISION
 P.O. BOX 728
 WICKLIFFE, KY 42087
 ATTN: AUDIE MURPHY

FRONTIER COMMUNICATIONS
 208 W. UNION
 MARION, IL 62959
 ATTN: RICK SHAW

SOUTHEASTERN ILLINOIS ELEC. COOP.
 P.O. BOX 371
 ELDORADO, IL 62930
 ATTN: ERIC JUNG

Prepared By:	<i>Joe Blawie</i> DISTRICT STUDIES & PLANS ENGINEER
Examined By:	<i>James Harris Emery</i> DISTRICT LAND ACQUISITION ENGINEER
Examined By:	<i>Cassie Nelson</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
Examined By:	<i>Cell</i> DISTRICT OPERATIONS ENGINEER
Examined By:	<i>[Signature]</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
Examined By:	<i>David J. [Signature]</i> DISTRICT CONSTRUCTION ENGINEER
Examined By:	<i>Bruce [Signature]</i> DISTRICT MATERIALS ENGINEER
Approved By:	<i>[Signature]</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER
DATE	1/23/2012 20

CB Coombe-Bloxdorf P.C.
 -CIVIL ENGINEERS-
 -STRUCTURAL ENGINEERS-
 -LAND SURVEYORS-
 Design Firm License No. 184-002703

FILE NAME =	USER NAME = CFC...	DESIGNED -	REVISED -
...d978090-shr-002-gennotes.dgn		DRAWN - CFC	REVISED -
		CHECKED - GLS	REVISED -
		DATE - / /	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND HIGHWAY STANDARDS
CRAB ORCHARD ROAD / OLD IL 13

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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S.B.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13B	6B-1	WILLIAMSON	19	2
			CONTRACT NO. 78090	
ILLINOIS FED. AID PROJECT				