

HIGHWAY STANDARDS

EFFECTIVE JANUARY 1, 2009

- 630101-08 GUARDRAIL MOUNTED ON EXISTING CULVERTS
- 630201-06 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-03 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701101-02 OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701201-03 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-03 URBAN LANE CLOSURE 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701901-01 TRAFFIC CONTROL DEVICES

GENERAL NOTES

THE REMOVAL OF DAMAGED GUARDRAIL AND DAMAGED POSTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS REPLACEMENT PAY ITEMS.

VERTICAL OR HORIZONTAL ALIGNMENT OF GUARDRAIL SHALL BE ACCOMPLISHED AS PART OF THE PAY ITEM: REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL.

REMOVED GUARDRAIL THAT IS NOT REPLACED ON THE SAME DAY MUST BE DELINEATED WITH LIGHTED BARRICADES. NO LOCATIONS WILL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR COMPLETED GUARDRAIL UPGRADE AT ANY TIME. NO MATERIAL SHOULD BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED.

GUARDRAIL MARKERS SHALL NOT BE ATTACHED TO TERMINAL SECTIONS.

BITUMINOUS SHOULDERS ARE INCLUDED FOR LOCATIONS WHERE THE ENGINEER SPECIFIES USE OF STANDARD 630201.

AGGREGATE SHOULDERS ARE INCLUDED TO REPAIR LOCATIONS OF DEFECTIVE SHOULDERS AS DETERMINED BY THE ENGINEER.

THE FOLLOWING RATE OF APPLICATION HAS BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
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MIXTURE TABLE
PG GRADE = 58-22
RAP (MAX) _____
DESIGN AIR VOIDS = 2@N30
FRICTION AGG _____
DENSITY TEST METHOD = CORES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *Ed Paul*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 2-19-09

EXAMINED BY: *Harbert K. Long*
DISTRICT CONSTRUCTION ENGINEER

Wayne Phillips
DISTRICT MATERIALS ENGINEER

Bruce A. Vuckner
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = schwankerg	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STANDARDS & GENERAL NOTES	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\SWANKERG\0127078\	346048-shi-details.dgn	DRAWN -	REVISED -			VAR.	.	VARIOUS	9	2
PLOT SCALE = 100.0000 / IN.		CHECKED -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 46040		
PLOT DATE = Feb 18, 2009 - 01:18:41 PM		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.		

• D3 GUARDRAIL UPGRADE 2009