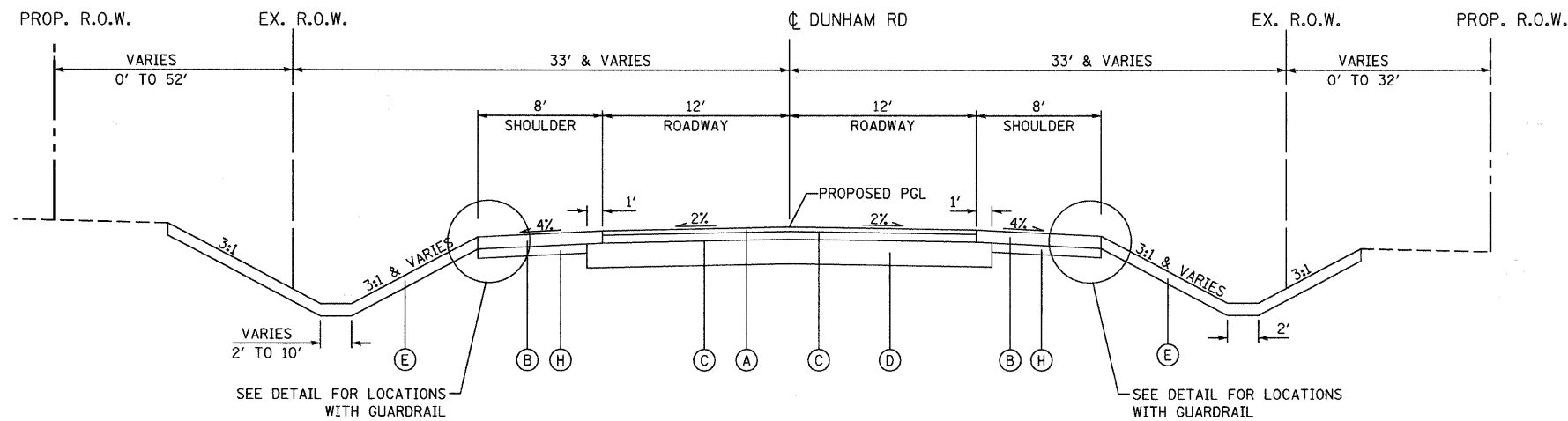


DUNHAM ROAD
EXISTING TYPICAL SECTION
STA. 105+00 TO STA. 109+35.71
STA. 110+64.30 TO STA. 114+40

- EXISTING CONDITIONS:**
- ① HOT-MIX ASPHALT SURFACE COURSE AND BINDER COURSE, 4" - 9.75" *
 - ② AGGREGATE SUB-BASE, 14" - 20.75" **
 - ③ AGGREGATE SHOULDER **
 - * REMOVAL PAID AS PAVEMENT REMOVAL
 - ** REMOVAL PAID AS EARTH EXCAVATION
 - ▨ PAVEMENT REMOVAL



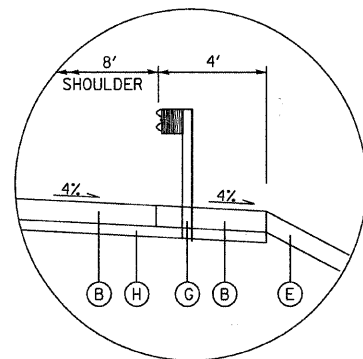
DUNHAM ROAD
PROPOSED TYPICAL SECTION
STA. 105+00 TO STA. 109+35.71
STA. 110+64.30 TO STA. 114+40

- PROPOSED IMPROVEMENTS**
- Ⓐ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6"
 - Ⓑ HOT-MIX ASPHALT SHOULDERS, 6"
 - Ⓒ BITUMINOUS MATERIALS (PRIME COAT)
 - Ⓓ AGGREGATE SUBGRADE 12"
 - Ⓔ TOPSOIL, FURNISH AND PLACE 6" AND SEEDING PER LANDSCAPING PLAN
 - Ⓕ COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
 - Ⓖ STEEL PLATE BEAM GUARD RAIL, TYPE A
 - Ⓗ SUBBASE GRANULAR MATERIAL, TYPE B 4"

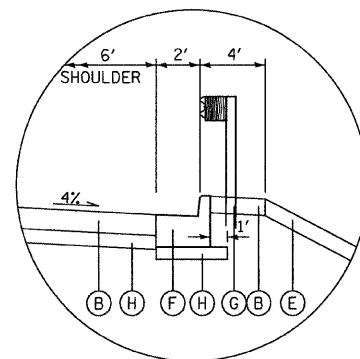
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

OPERATION	MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY RECONSTRUCTION	HOT-MIX ASPHALT PAVEMENT, (FULL DEPTH) 6":	
	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4" (IN 2 LIFTS)	4% @ 50 GYR. 4% @ 50 GYR.
SHOULDER RECON	HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)	2% @ 30 GYR.
BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"	4% @ 50 GYR.
	HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 4" - 17"	4% @ 50 GYR.
STABILIZED DRIVEWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm), 2"	4% @ 50 GYR.
	HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL 19.0mm), 4" - PE (IN 2 LIFTS)	4% @ 50 GYR.

- * THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ IN/YD
- * THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70 -22 AND FOR NON-POLYMERIZED HMA SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



GUARDRAIL DETAIL



GUARDRAIL DETAIL WITH
COMB. CONC. CURB AND GUTTER B-6.24

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Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
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USER NAME = espino	DESIGNED - DKD	REVISED -
PLOT SCALE = 1:8000' / IN.	DRAWN - DKD	REVISED -
PLOT DATE = 2/4/2011	CHECKED - CLG	REVISED -
	DATE - 02/07/2011	REVISED -

MCHENRY COUNTY DIVISION OF TRANSPORTATION

TYPICAL SECTIONS			
TR RTE.	SECTION	COUNTY	TOTAL SHEETS
	07-00340-00-BR	MCHENRY	46
			SHEET NO. 6
			CONTRACT NO. 63552

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	
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