

**EXISTING ROADWAY TYPICAL SECTION
THOMPSON ROAD**

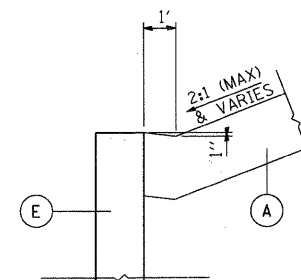
STA. 204+48.00 TO STA. 205+51.56
STA. 206+83.46 TO STA. 208+94.00

EXISTING LEGEND

- ① EXISTING GROUND
- ② AGGREGATE SHOULDER
- ③ ASPHALT SURFACE COURSE (4" - 8")
- ④ EXISTING RAILING
- ⑤ EXISTING STRUCTURE
- ⑥ EXISTING HOT-MIX ASPHALT OVERLAY
- INDICATES ITEMS TO BE REMOVED

PROPOSED LEGEND

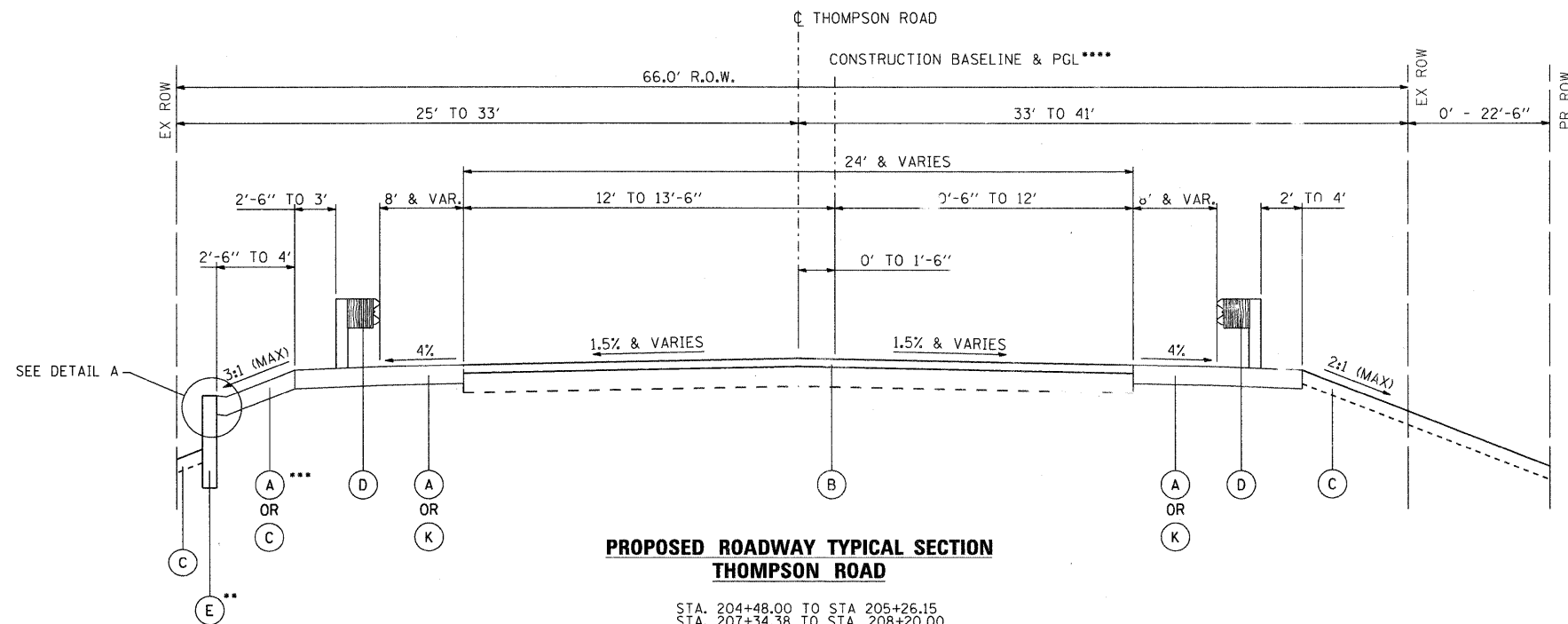
- Ⓐ HOT-MIX ASPHALT SHOULDERS, 6"
- Ⓑ HOT-MIX ASPHALT SURFACE COURSE MIX "D" N70 (2")
- Ⓒ TOPSOIL FURNISH AND PLACE, 4" AND SEEDING, CLASS 4
- Ⓓ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9' FOOT POST
- Ⓔ RETAINING WALL (SEE BRIDGE PLANS)
- Ⓕ SUBBASE GRANULAR MATERIAL, TYPE B, 4" (SEE BRIDGE PLANS)
- Ⓖ CONCRETE SUPERSTRUCTURE (SEE BRIDGE PLANS)
- Ⓗ CONCRETE PARAPET WALL-CONCRETE SUPERSTRUCTURE (SEE BRIDGE PLANS)
- Ⓘ CONCRETE SIDEWALK-CONCRETE SUPERSTRUCTURE (SEE BRIDGE PLANS)
- Ⓙ ALUMINUM RAILING TYPE L (SEE BRIDGE PLANS)
- Ⓚ AGGREGATE SHOULDERS, TYPE B, 6"



DETAIL A

HOT-MIX ASPHALT REQUIREMENTS		AIR VOIDS @ N _{DES}
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE MIX "D" N70 (IL-9.5 mm) (2")		4% @ 70 Gyr.
BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) (2")		4% @ 70 Gyr.
BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (13")		4% @ 70 Gyr.
HOT-MIX ASPHALT SHOULDERS, 6"		
HMA SHOULEER (HMA BINDER IL-19 mm)		20% @ 30 Gyr.

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



**PROPOSED ROADWAY TYPICAL SECTION
THOMPSON ROAD**

STA. 204+48.00 TO STA. 205+26.15
STA. 207+34.38 TO STA. 208+20.00

** RETAINING WALL LOCATIONS:
STA. 205+03.99 TO STA. 205+65.80 LT
STA. 207+15.50 TO STA. 207+90.32 LT

*** HMA SHOULDER LIMITS:
STA. 204+97 TO STA. 205+65.80 LT
STA. 207+15.50 TO STA. 208+20 LT

**** THE PGL IS AT THE CENTER LINE
OF THOMPSON ROAD AT
STA. 207+04.78 TO STA. 208+20

COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: Robert G. Davies
CLIENT: Village of Wonder Lake
DATE PLOTTED: 12/15/2009 8:30:39 AM
FILE NAME: 080563_typ01.dgn
PLOT DRIVER: pdf.plt
PEN TABLE: standard-trans.plt



USER NAME = whoad	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = 12/15/2009	CHECKED - SP	REVISED -
	DATE - 11/18/09	REVISED -

VILLAGE OF WONDER LAKE

**TYPICAL SECTIONS
THOMPSON ROAD**

SCALE: SHEET NO. OF N/A SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4081	06-00005-00-BR	MCHENRY	45	4
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63409	