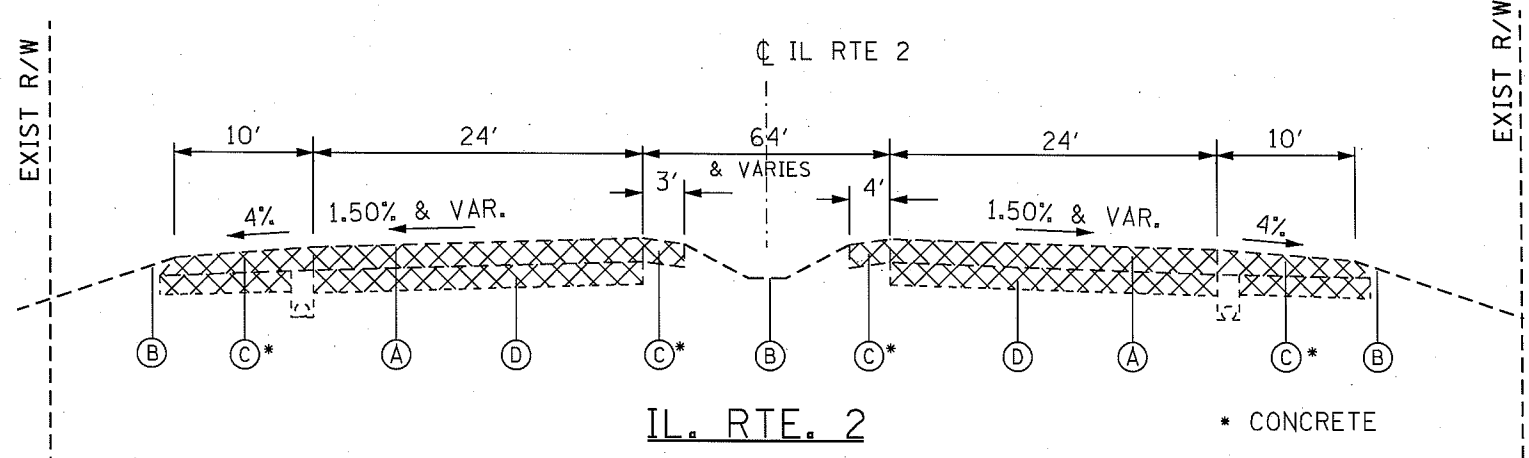
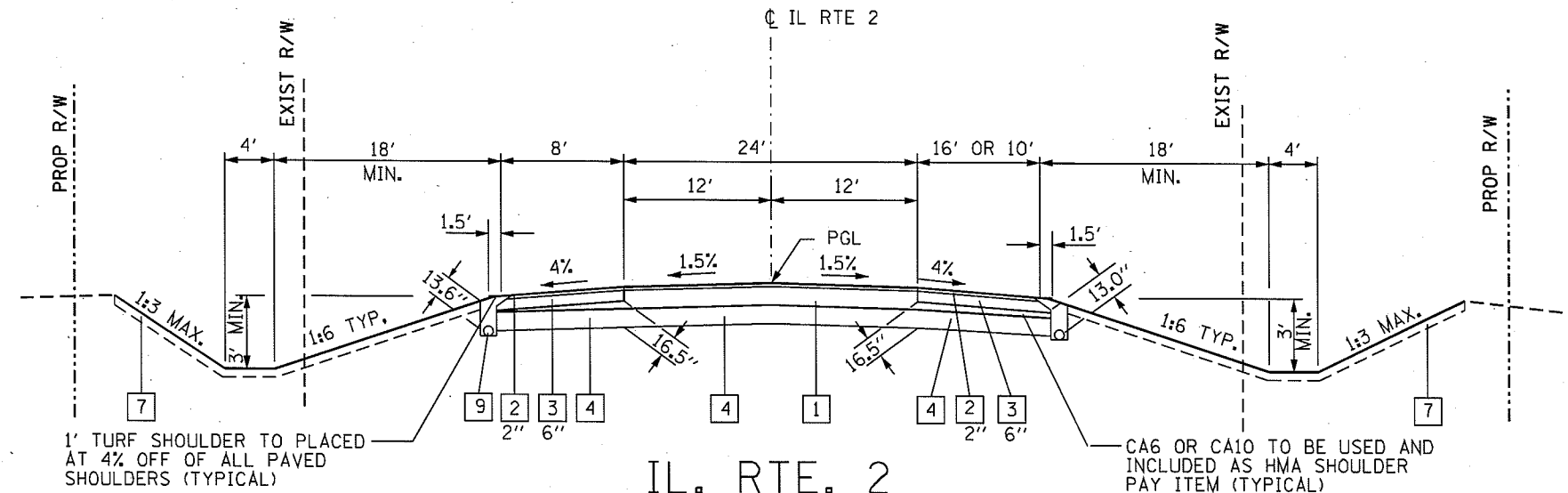


IL. RTE. 2
 EXISTING TYPICAL SECTION
 STA. 965+23.82 TO 1005+76
 FOR REMOVAL LIMITS SEE EXISTING
 PLAN & REMOVALS SHEETS.



IL. RTE. 2
 EXISTING TYPICAL SECTION
 STA. 1005+76 TO 1018+04.37
 FOR REMOVAL LIMITS SEE EXISTING
 PLAN & REMOVALS SHEETS.



IL. RTE. 2
 PROPOSED TYPICAL SECTION
 STA. 965+23.82 TO 967+51.63

LEGEND:
EXISTING

- (A) 6.5" HMA
- (B) AGGREGATE SHOULDER, 6"
- (C) BITUMINOUS SHOULDER, 6"
- (D) CONCRETE BASE, 9"
- (E) AGGREGATE BASE



REMOVAL

PROPOSED:

- [1] HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11" (2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 9" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70) (SEE NOTE A)
- [2] HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 SEE NOTE C
- [3] HOT-MIX ASPHALT SHOULDERS
- [4] AGGREGATE SUBGRADE IMPROVEMENT (SEE NOTE #2)
- [5] AGGREGATE SHOULDERS, TYPE A
- [6] AGGREGATE SUBGRADE IMPROVEMENT (SEE NOTE 3)
- [7] TOPSOIL, 6" OR 12" (SEE NOTE #3)
- [8] AGGREGATE BASE COURSE, TYPE B (FOR DRIVEWAYS)
- [9] PIPE UNDERDRAIN, 4" (SEE STANDARD DETAIL SUBSURFACE DRAINS)
- [10] INCIDENTAL HOT-MIX ASPHALT SURFACING, N50 (FOR DRIVEWAYS)

NOTES:

1. SEE PLAN SHEETS FOR ACTUAL LOCATION OF PROPOSED RIGHT OF WAY, AND PROPOSED ACCESS CONTROL LIMITS.
2. AGGREGATE SUBGRADE IMPROVEMENT IS 12" THICK UNDER IL ROUTE 2 PROPOSED PAVEMENT, AGGREGATE BASE COURSE TYPE A, IS 15" UNDER FRONTAGE ROAD PROPOSED PAVEMENT UNLESS OTHERWISE NOTED. SEE SHEET TYPICAL SECTIONS 3 FOR TABLE "IL 2 VARIABLE AGGREGATE SUBGRADE IMPROVEMENT" AND FOR LOCATION OF GEOTECHNICAL FABRIC FOR GROUND STABILIZATION.
3. TOPSOIL IS 6" UNLESS OTHERWISE SHOWN. SEE SHEET TYPICAL SECTIONS 3 FOR TABLE "12" TOPSOIL APPLICATION AREAS."

STRUCTURAL DESIGN INFORMATION (FLEXIBLE PAVEMENT)
 IL ROUTE 2

STRUCTURAL DESIGN TRAFFIC: 9400	YEAR: 2012
PV = 10,370	SU = 210 MU = 270
ROAD/STREET CLASSIFICATION: CLAS I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR: 7.11	
SOIL TYPE: POOR	

BITUMINOUS MIXTURE REQUIREMENTS:

- A. FOR IL ROUTE 2 USE THE FOLLOWING:
 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"
 (2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
 9" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70)
 BINDER COURSE TO BE DONE IN 3 - 3" LIFTS
- B. FOR ROSCOE RD AND FRONTAGE RD USE THE FOLLOWING:
 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 &
 HOT-MIX ASPHALT BINDER COURSE, N 50, IL19
 4" BINDER AND 2" SURFACE COURSE- ROSCOE RD.
 FRONTAGE RD TO BE DONE IN 2 LIFTS
- C. FOR SHOULDERS USE THE FOLLOWING:
 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
 (TOP 2-INCHES ACCORDING TO D2 STANDARD 23.4A)
 HOT-MIX ASPHALT SHOULDERS, 6"
 (SEE D2 STANDARD 23.4A)

USE THE WEIGHT OF 112 LBS/SQYD/INCH FOR HMA MIX "C" & "D",
 119 LBS/SQYD/INCH FOR HMA MIX "E", AND 123 LBS/SQYD/INCH FOR
 HMA MIX "F".

FILE NAME =	USER NAME =	DESIGNED - GC	REVISED -
ca:\pwork\p10dot\undblede\rr\d0331857\0264H70-sh-typical-01.dgn	D264H70-sh-typical-01.dgn	DRAWN - GC/RDT	REVISED -
PLOT SCALE =	CHECKED - GC	REVISED -	REVISED -
PLOT DATE =	DATE - 10/05/2012	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 2
TYPICAL SECTIONS 1

SCALE: NTS SHEET NO. 9 OF 179 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	77R-1	WINNEBAGO	179	9
CONTRACT NO. 64H70				
ILLINOIS FED. AID PROJECT				