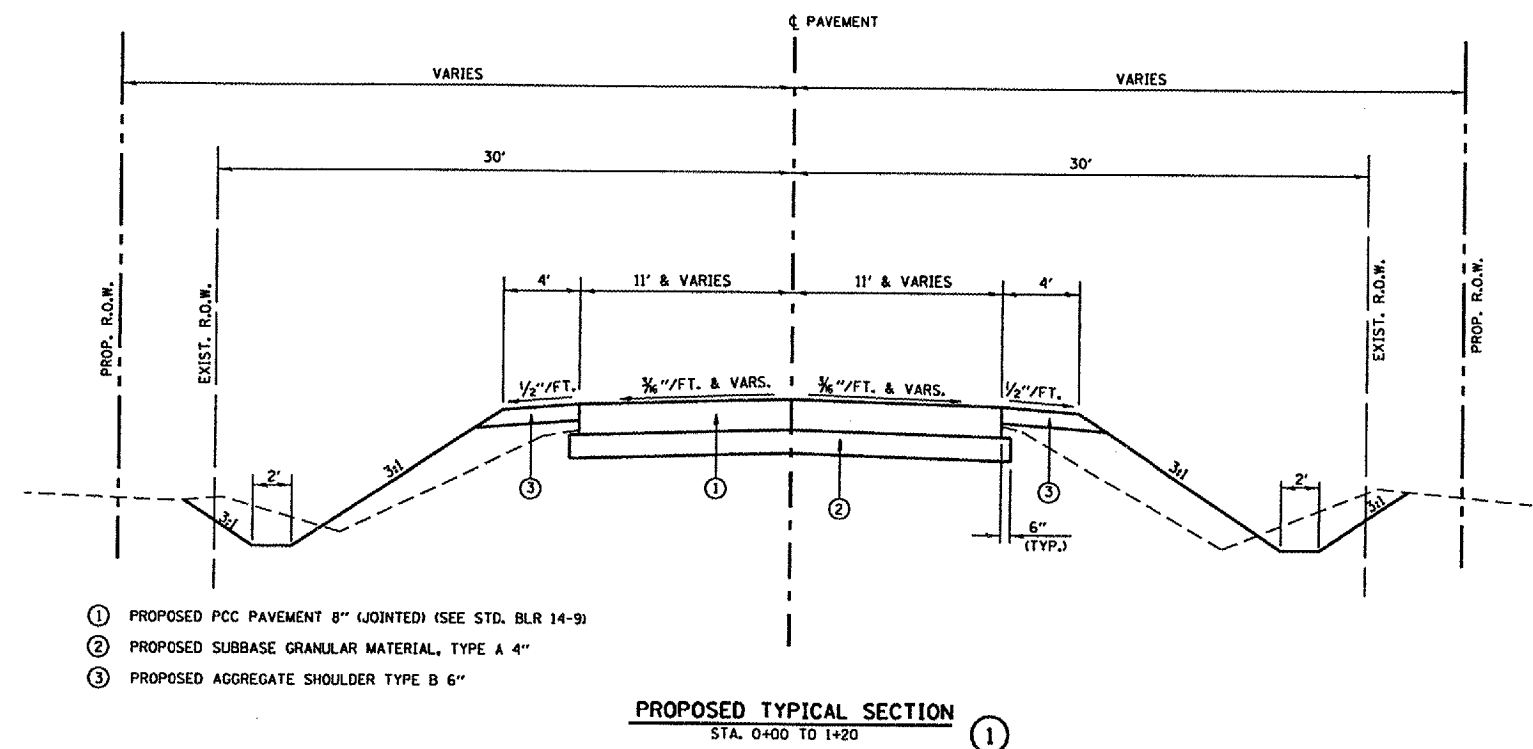


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
41B	04-00069-00-RS	HENDERSON	15	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 89366				

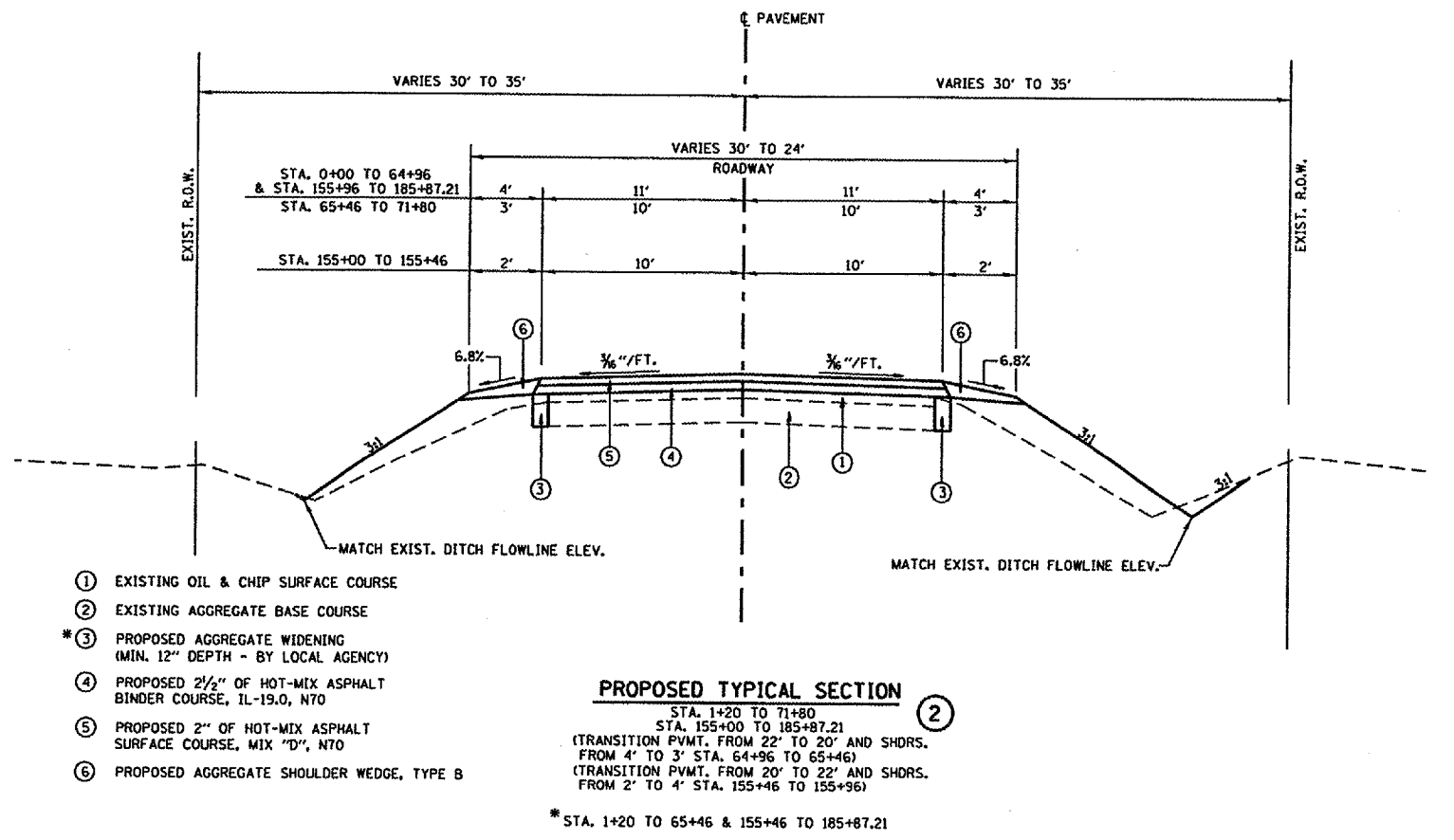


PAVEMENT DESIGN - RIGID (80,000 LB VEHICLE)

DP = 20 YR.
 ADT₍₂₀₂₅₎ = 750; PV=660, SU=53, MU=38
 CLASS III ROAD, E_(RI) = 3ksi
 TF_(ACTUAL) = 0.29
 TF_(MIN.) = 0.50

- ① PROPOSED PCC PAVEMENT 8" (JOINTED) (SEE STD. BLR 14-9)
- ② PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A 4"
- ③ PROPOSED AGGREGATE SHOULDER TYPE B 6"

PROPOSED TYPICAL SECTION ①
 STA. 0+00 TO 1+20



PAVEMENT DESIGN - FLEXIBLE (80,000 LB VEHICLE)

DP = 20 YR.
 ADT₍₂₀₂₅₎ = 750; PV=660, SU=53, MU=38
 CLASS III ROAD, E_(RI) = 3ksi
 TF = 0.20

- ① EXISTING OIL & CHIP SURFACE COURSE
- ② EXISTING AGGREGATE BASE COURSE
- * ③ PROPOSED AGGREGATE WIDENING (MIN. 12" DEPTH - BY LOCAL AGENCY)
- ④ PROPOSED 2 1/2" OF HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ⑤ PROPOSED 2" OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑥ PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B

PROPOSED TYPICAL SECTION ②
 STA. 1+20 TO 71+80
 STA. 155+00 TO 185+87.21
 (TRANSITION PVMT. FROM 22' TO 20' AND SHDRS. FROM 4' TO 3' STA. 64+96 TO 65+46)
 (TRANSITION PVMT. FROM 20' TO 22' AND SHDRS. FROM 2' TO 4' STA. 155+46 TO 155+96)

* STA. 1+20 TO 65+46 & 155+46 TO 185+87.21

BITUMINOUS MIXTURE REQUIREMENTS

LOCATION	FAS 41B	FAS 41B
MIX USE	BINDER	SURFACE
AC/PG	PG 64-22	PG 64-22
RAP %	15	10
DESIGN VOIDS	4.0 @ N=70	4.0 @ N=70
MIXTURE COMPOSITION (GRAD. MIXTURE)	IL-19.0	IL-9.5 OR IL-12.0
FRICTION	N/A	MIX D (DOLOMITE ONLY)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.S. 41B (VANTINE ROAD)

PROPOSED TYPICAL SECTIONS

SCALE: N/A
 DATE: 1-5-07

DRAWN BY CGF
 CHECKED BY JJM