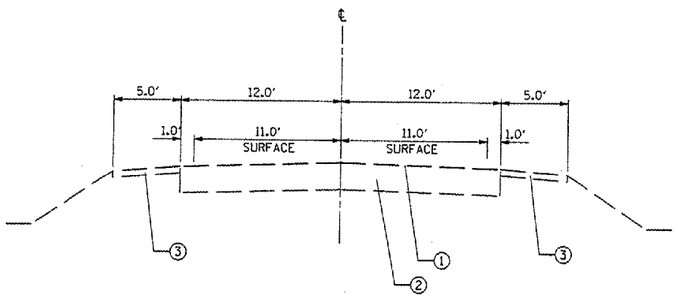
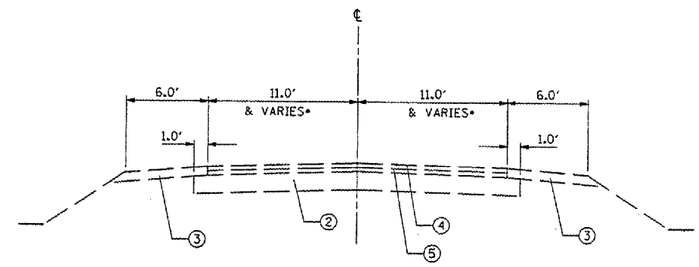
CONTRACT NO. 89389

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2360	04-00058-08-FP	WOODFORD	8	2
STA.		TO STA.		
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

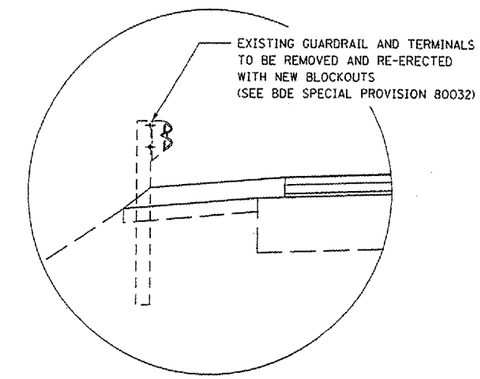


EXISTING TYPICAL SECTION
SANTA FE TRAIL (C.H. #25)
STA 235+00 TO STA 423+50

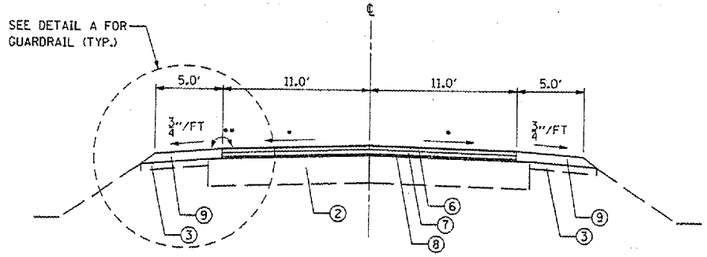


* WIDTHS VARY WITH TRANSITION FROM STA 426+60 TO MATCH EXISTING PAVEMENT @ STA 428+40

EXISTING TYPICAL SECTION
SANTA FE TRAIL (C.H. #25)
STA 423+50 TO STA 428+40

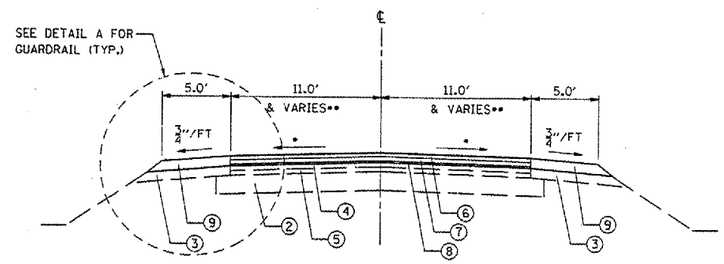


DETAIL A



* MATCH EXISTING CROSS-SLOPE & SUPERELEVATION
** SHOULDER ROLLOVER NOT TO EXCEED 10%

PROPOSED TYPICAL SECTION
SANTA FE TRAIL (C.H. #25)
STA 235+00 TO STA 423+50



* MATCH EXISTING CROSS-SLOPE
** WIDTHS VARY WITH EXISTING TAPER FROM STA 426+60 TO STA 428+40

PROPOSED TYPICAL SECTION
SANTA FE TRAIL (C.H. #25)
STA 423+50 TO STA 428+40

① EXISTING BITMUNIOUS A-3 SURFACE

② EXISTING AGGREGATE BASE COURSE- 12"

③ EXISTING AGGREGATE SHOULDERS

④ EXISTING BITUMINOUS SURFACE COURSE- 2"

⑤ EXISTING BITUMINOUS BINDER COURSE- 2"

⑥ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N50- 1 1/4"

⑦ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-12.0, N50- 1 1/2"

⑧ LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N50- 2"

⑨ AGGREGATE SHOULDERS, TY B - 4 1/2"

STRUCTURAL DESIGN TRAFFIC: YEAR 2021
PV = 1646 SU = 105 MU = 18 AADT= 1770

ROAD/STREET CLASSIFICATION: CLASS III

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 93% S = 6% M = 1%

TRAFFIC FACTOR: ACTUAL TF= 0.14
MIN TF = N/A

PG GRADE: BINDER = PG 58-28
SURFACE = SBS PG 64-28

SUBGRADE SUPPORT RATING: SSR = N/A

MIX DESIGN	LVL BINDER	BINDER	SURFACE	INCIDENTAL
PG:	PG 58-28	PG 64-28	SBS PG 64-28	SBS PG 64-28
RAP (%)max	10%	10%	0%	0%
DESIGN AIR VOIDS	4%	4%	4%	4%
GRADATION MIXTURE	IL 19.0	IL 12.0	IL 9.5	IL 9.5
FRICTION AGGREGATE	B	B	C	C
N DESIGN	N 50	N 50	N 50	N 50

WOODFORD COUNTY HIGHWAY DEPARTMENT
DENNIS BACHMAN, P.E., COUNTY ENGINEER
301 S. Main St., P.O. Box 467
Roanoke, IL 61561-0467
TEL: 309-923-2891
FAX: 309-923-7928

F.A.S. RTE. 2360
SECTION 04-00058-08-FP
SANTA FE TRAIL (C.H.#25)
PROPOSED
TYPICAL SECTION

SCALE: 1"=5' DRAWN BY: JJH
DATE: 3/1/06 CHECKED BY: DDB

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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