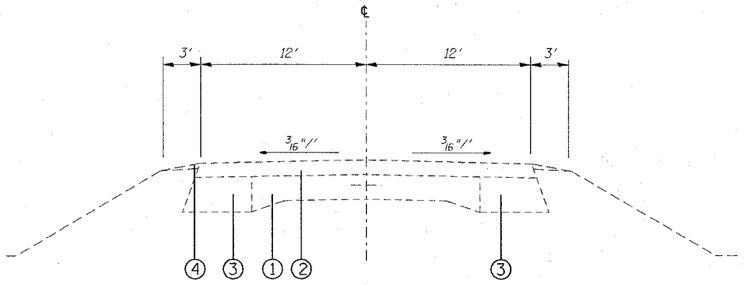
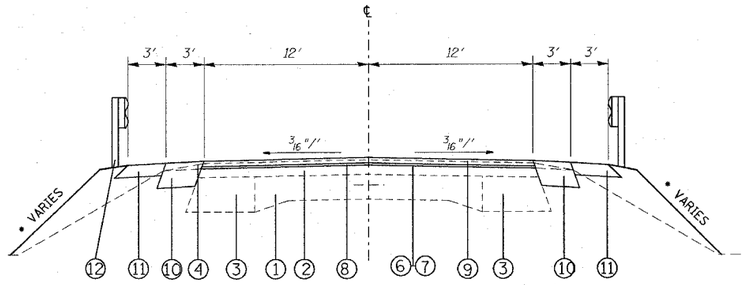
CONTRACT NO. 76949

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1832	5BR-2	WASHINGTON	97	10
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL SECTION

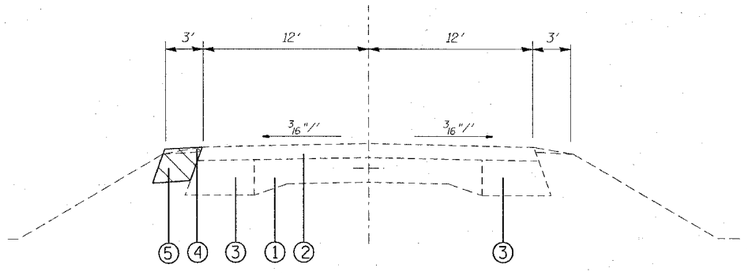
STA. 1449+25.00 TO STA. 1457+50.00



• SEE CROSS SECTIONS

PROPOSED TYPICAL SECTION

STA. 1449+25.00 TO STA. 1457+50.00



PROPOSED TYPICAL SECTION

STA. 1449+25.00 TO STA. 1457+50.00 - LT

REMOVAL

LEGEND

① EXISTING P.C.C. PAVEMENT 9-6-9
② EXISTING BITUMINOUS OVERLAY 6″ (±)
③ EXISTING BASE COURSE WIDENING 8″
④ EXISTING AGGREGATE SHOULDERS
⑤ PROPOSED HOT-MIX ASPHALT BASE COURSE WIDENING, 9″
⑥ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
⑦ PROPOSED AGGREGATE (PRIME COAT)
⑧ PROPOSED HOT-MIX ASPHALT BINDER COURSE (VARIES ¾″ TO 16″)
⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1½″
⑩ PROPOSED HOT-MIX ASPHALT SHOULDER, 8 ″
⑪ PROPOSED AGGREGATE SHOULDER, TYPE B 6″
⑫ PROPOSED GUARDRAIL

MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE	BINDER	WIDENING COURSE	INCIDENTAL SURF	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
RAP % (MAX)	10%	15%	15%	10%	30%
DESIGN AIR VOIDS	4.0% @ Ndes= 70	4.0% @ Ndes= 70	4.0% @ Ndes= 70	4.0% @ Ndes=70	2.0% @ Ndes=30
MIX COMPOSITION					
(GRADATION MIXTURE)					
FRICTION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "B"	MIXTURE "C"	BAM

PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS).

S.N. 095-0077

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
MIXTURE REQUIREMENT

FAS ROUTE 1832
SECTION 5BR-2
WASHINGTON COUNTY

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = 12/7/2007
FILE NAME = c:\projects\ed89105\plan\pln89105e.dgn
PLOT SCALE = 50.0000 '/ IN.
REFERENCE = REF