

ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62114		INDOT DES. NO. 0100987		

PROPOSED LEGEND (ILLINOIS)

PROPOSED SECTION LEGEND - ILLINOIS

- ① EARTH EXCAVATION
- ② EARTH EXCAVATION (SPECIAL)
- ③ EMBANKMENT * *
- ④ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑤ TOPSOIL FURNISH AND PLACE, 150MM & SEEDING, CLASS 2A
- ⑥ NOT USED
- ⑦ SUB-BASE GRANULAR MATERIAL, TYPE B 300MM * *
75 MM GRANULAR SUBBASE CAP
225 MM GRANULAR SUBBASE
- ⑧ STABILIZED SUB-BASE 150MM * *
- ⑨ CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 360MM * *
- ⑩ PAVEMENT REINFORCEMENT 360MM
- ⑪ PORTLAND CEMENT CONCRETE SHOULDERS - 360MM * *
- ⑫ PIPE UNDERDRAINS 150MM
- ⑬ CONCRETE BARRIER, DOUBLE FACE, 1065 HEIGHT OR
- ⑭ CONCRETE BARRIER BASE
- ⑮ NOT USED
- ⑯ BARRIER SUPPORT STRUCTURE FOR NOISE ABATEMENT WALL
- ⑰ STRUCTURE MOUNTED NOISE ABATEMENT WALL

⑱ LONGITUDINAL JOINTS (LJ)
(INCLUDED IN THE COST OF CRC PAVEMENT OR PCC SHOULDER)
CONSTRUCTION JOINT W/ NO. 25 DEFORMED TIE BARS (EPOXY COATED) 600 mm LONG AT 600 mm CTRS, GROUT IN PLACE
SAWED JOINT W/ NO. 20 DEFORMED TIE BARS (EPOXY COATED) 750 mm LONG AT 750 mm CTRS

* * ITEM TO BE CONSTRUCTED TO EXTENDED LIFE CONCRETE PAVEMENT SPECIFICATIONS

NOTE:
SEE PIPE UNDERDRAIN AND SUBGRADE DETAILS FOR INFO ON INSTALLATION OF ITEM ④ AND ⑫ IN ILLINOIS.

BRIDGE OMISSIONS:

STA 8+193.7 TO 8+246.2 HOHMAN AVE BRIDGE
STA 8+410.9 TO 8+599.1 LITTLE CAL BRIDGE
STA 8+726.7 TO 8+781.0 HARRISON ST BRIDGE

CRC REINFORCEMENT CHART ON STANDARD 421001 SHALL BE MODIFIED AS FOLLOWS:

PAVEMENT WIDTH	A	B	C	D
3.6 M	26 SPACES (27 BARS) AT 132MM	90MM	75MM	660MM
4.2 M	31 SPACES (32 BARS) AT 130 MM	90MM	75MM	660MM
4.9 M	35 SPACES (36 BARS) AT 135MM	95MM	85MM	660MM

THE REINFORCEMENT SHALL BE 115 MM FROM THE TOP OF PAVEMENT.

PROPOSED LEGEND (INDIANA)

(STA 7+950 TO STA 9+395.341)

- ① QC/QA PCCP, 400 MM (INDIANA)
- ①A QC/QA PCCP, 330 MM (INDIANA)
- ② QC/QA REINFORCED PCCP FOR SHOULDER, 400 MM (INDIANA)
- ③ SUBBASE FOR PCCP (INDIANA) (225 MM)
75 MM DENSE GRADED SUBBASE
150 MM SUBBASE FOR PCCP
- ④ PIPE TYPE 4, CIRCULAR, 150 MM (INDIANA)
- ⑤ BARRIER, CONCRETE 1145 MM (INDIANA)
- ⑤A BARRIER, CONCRETE 840 MM (INDIANA)
- ⑥ BARRIER, CONCRETE, 1145 mm, MODIFIED (INDIANA)
- ⑦ RETAINING WALL (SEE STRUCTURE DETAILS)
- ⑧ TOPSOIL FURNISH AND PLACE, 150MM & SEEDING, CLASS 2A
- ⑨ BORROW (INDIANA)
- ⑨A B BORROW (INDIANA)
- ⑨B STRUCTURE BACKFILL
- ⑩ EARTH EXCAVATION
- ⑪ SUBGRADE TREATMENT TYPE 1A (INDIANA) (12" COARSE AGGREGATE NO. 53)
- ⑪A COMPACTED AGGREGATE, NO. 73
- ⑫ SOUND BARRIER SYSTEM, TYPE 2 (INDIANA) (SEE NOISE WALL DETAILS)
- ⑬ LONGITUDINAL JOINT (PER 503-CCPJ-02, 03, 04, 07 AND 08)
(INCLUDED IN THE COST OF QC/QA PCCP, PAVEMENT)

BITUMINOUS MIX REQUIREMENT CHART

MIXTURE TYPE	PG	RAP % MAX	AIR VOIDS	UNIT WT. (ESTIMATE)
STABILIZED SUB-BASE 150MM	PG 58-22	25	3% @ 50	2.46 KG/MM/SQ-M
CLASS D PATCHES, TYPE IV, 350MM (IL-25MM, SUPERPAVE)	PG 64-22	0	4% @ 105	2.46 KG/MM/SQ-M
CLASS D PATCHES, TYPE IV, ALL NON INTERSTATE (IL-19MM, SUPERPAVE)	PG 64-22	0	4% @ 70	2.46 KG/MM/SQ-M
TEMPORARY PAVEMENT INTERSTATE				
POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N105 (45MM)	SBS 70-22	0	4% @ 105	2.39 KG/MM/SQ-M
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19, N105 (310MM)	PG 64-22	0	4% @ 105	2.46 KG/MM/SQ-M
STABILIZED CONSTRUCTION ENTRANCE				
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50 (45MM)	PG 64-22	10	4% @ 50	2.39 KG/MM/SQ-M
BITUMINOUS BASE COURSE, SUPERPAVE (210MM)	PG 64-22	50	2% @ 50	2.46 KG/MM/SQ-M
COMMERCIAL DRIVEWAYS				
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 (50 MM)	PG 64-22	15	4% @ 50	2.39 KG/MM/SQ-M
BITUMINOUS BASE COURSE, SUPERPAVE (200MM)	PG 58-22	50	2% @ 50	2.46 KG/MM/SQ-M
LOCAL ROADS				
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 (40MM)	PG 64-22	15	2% @ 50	2.39 KG/MM/SQ-M
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19, N50 (150MM)	PG 58-22	25	4% @ 50	2.46 KG/MM/SQ-M

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY
BURNHAM ROAD TO US 41
**PROPOSED TYPICAL SECTION
LEGENDS AND TABLES
I-80/94/US 6**

SCALE NTS
DATE 07/05

DRAWN BY ACE/CAD
CHECKED BY TAE

AMERICAN
CONSULTING ENGINEERS