



LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2")
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (10.5")
- ③ BITUMINOUS MATERIALS (PRIME COAT)
- ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑤⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 (MEDIAN C&G TO BE REVERSE PITCHED UNLESS OTHERWISE NOTED)
- ⑦ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (3")
- ⑩ AGGREGATE BASE COURSE, TYPE B 6"
- ⑪ TOPSOIL EXCAVATION AND PLACEMENT (4" OR AS NOTED)
- ⑫ SEEDING, CLASS 2A
- ⑬ AGGREGATE BASE COURSE, TYPE B 4"
- ⑭ SODDING, SALT TOLERANT
- ⑮ AGGREGATE BASE COURSE, TYPE B
- ⑯ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑰ HMA SURFACE REMOVAL, 1 1/4"

STRUCTURAL PAVEMENT DESIGN INFORMATION

STRUCTURAL DESIGN TRAFFIC:	YEAR 2022	
PV = 14203	SU = 449	MU = 299 (95TH STREET)
PV = 22753	SU = 719	MU = 479 (BOUGHTON RD)
PV = 20615	SU = 651	MU = 434 (PLAINFIELD - NAPERVILLE RD)
ROAD / STREET CLASSIFICATION:	CLASS I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 32%	S = 45%	M = 45%
TRAFFIC FACTOR:	AC Type = 20	
	Actual TF = 2.68 (95TH STREET)	
	Actual TF = 2.68 (BOUGHTON ROAD)	
	Actual TF = 2.68 (PLAINFIELD-NAPERVILLE RD)	
	Minimum TF = 3.56	
PG GRADE:	BINDER = PG 64 -22	SURFACE = PG 64 -22
SUBGRADE SUPPROT RATING:		
	SSR = POOR (STA. 291+70.56 TO 386+34.48) (95TH STREET)	
	SSR = POOR (STA. 55+83.71 TO 67+63.37) (BOUGHTON RD)	
	SSR = POOR (STA. 27+70.50 TO 47+26.30) (PLAINFIELD-NAPERVILLE RD)	

URS
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USER NAME: jones.puh
PLT SCALE: 26.0000 1/4" IN.
PLOT DATE: 10/15/2012

DESIGNED	JRP	REVISED	-
DRAWN	MRF	REVISED	-
CHECKED	JRP	REVISED	-
DATE	10/19/2012	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

95TH STREET, KINGS ROAD
PROPOSED TYPICAL SECTIONS

SCALE: NTS DRAWING NO. 6 OF 7 STA. TO STA.

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00181-00-FP	WILL	328	16
				CONTRACT NO. 63647
ILLINOIS FED. AID PROJECT				