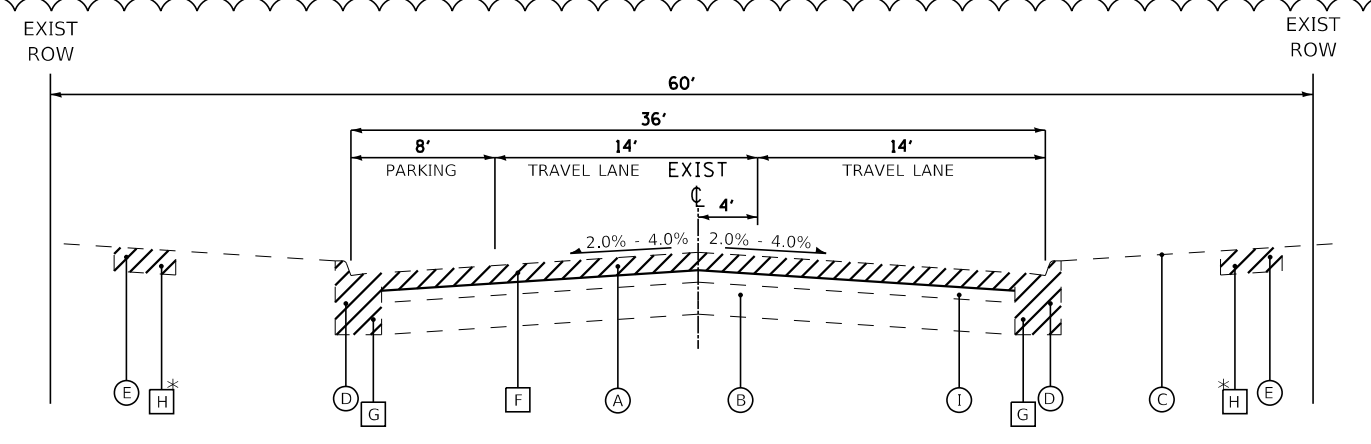


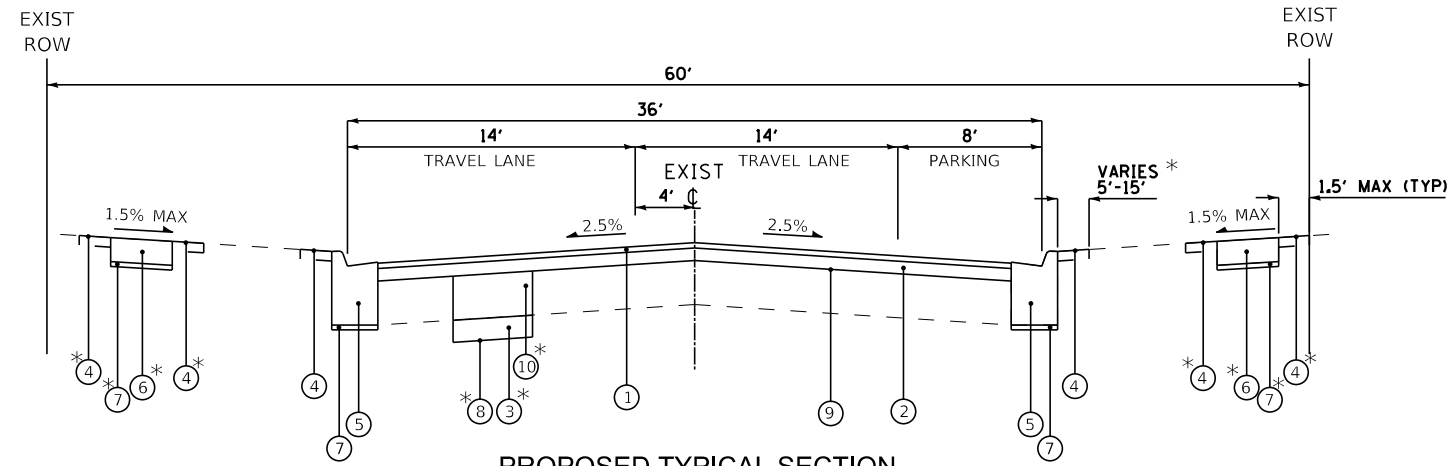
**EXISTING TYPICAL SECTION
SHABBONA DRIVE**
INDIANWOOD BOULEVARD TO NAVOO STREET
STA 10+85 TO STA 29+75

* AS DETERMINED BY ENGINEER



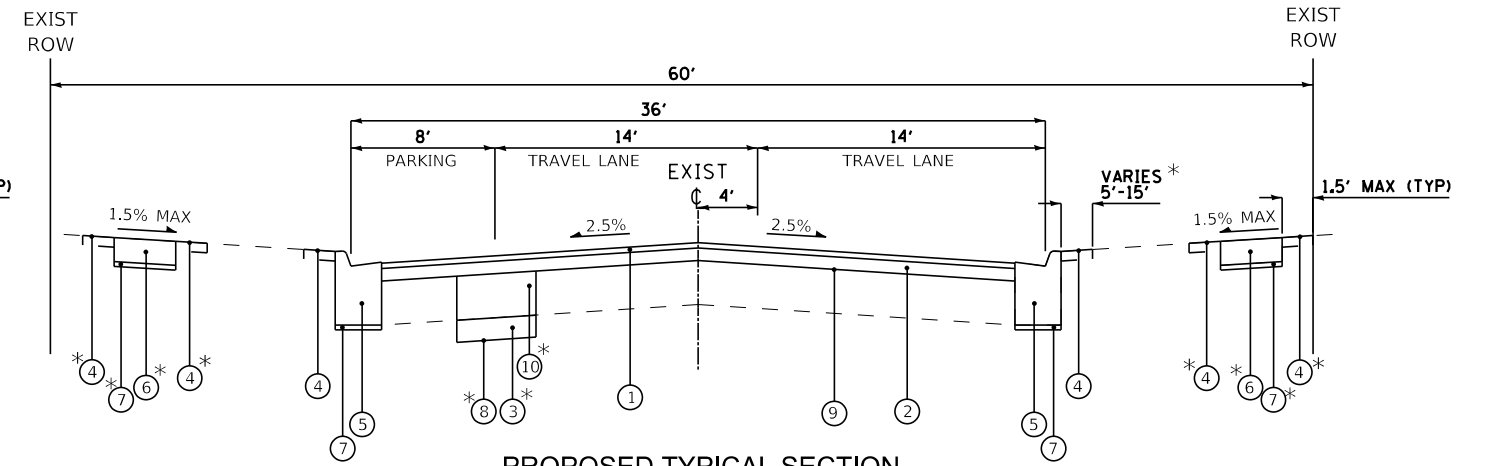
**EXISTING TYPICAL SECTION
SHABBONA DRIVE**
NAVOO STREET TO SAUK TRAIL
STA 29+75 TO STA 78+25

* AS DETERMINED BY ENGINEER



**PROPOSED TYPICAL SECTION
SHABBONA DRIVE**
INDIANWOOD BOULEVARD TO NAVOO STREET
STA 10+85 TO STA 29+75

* AS DETERMINED BY ENGINEER



**PROPOSED TYPICAL SECTION
SHABBONA DRIVE**
NAVOO STREET TO SAUK TRAIL
STA 29+75 TO STA 78+25

* AS DETERMINED BY ENGINEER

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 Gyr.	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2 1/2"	4% @ 50 Gyr.	LR1030-2
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0mm); 5"	4% @ 70 Gyr.	LR1030-2
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2		

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
- LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER HMA BINDER COURSE.

EXISTING LEGEND

- (A) EXISTING HMA BINDER & SURFACE COURSE, 1 1/2" - 5 1/4"
- (B) EXISTING AGGREGATE BASE COURSE, 8 1/4" - 19 1/4"
- (C) GROUND SURFACE
- (D) EXISTING COMBINATION CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (G) REMOVE EXISTING COMBINATION CURB & GUTTER
- (H) REMOVE EXISTING SIDEWALK
- (I) BITUMINOUS TREATED AGGREGATE
- REMOVAL ITEM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/2"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PARKWAY RESTORATION
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12 (SEE DETAIL ON SHEET 54)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (7) AGGREGATE BASE COURSE, TYPE B 4"
- (8) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (9) PREPARATION OF BASE (SPECIAL) AND AGGREGATE BASE REPAIR
- (10) AGGREGATE BASE REPAIR

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2023
 mjhigginson
 12/21/2022
 9:49:00 AM
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USER NAME = mhigginson	DESIGNED - MH	REVISED - 12/21/2022
DRAWN - KAR	CHECKED - JCC	REVISOR -
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PLOT DATE = 12/21/2022		

**VILLAGE OF PARK FOREST, ILLINOIS
SHABBONA DRIVE
ROADWAY IMPROVEMENTS**

**TYPICAL SECTIONS AND
SHABBONA DRIVE RESURFACING**

SCALE: NONE SHEET 1 OF X SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2016	17-00104-00-R5	COOK/WILL	63	16
CONTRACT NO. 61J21			ILLINOIS FED. AID PROJECT	