EARTHWORK SCHEDULE

1 LOCATION	2 EARTH EXCAVATION (CU. YD)	3 EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU. YD)	4 EMBANKMENT (CU. YD)	5 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU. YD)
IL. RTE. 171	50	43	2307	-2264
104TH AVE. / WILLOW SPRINGS RD.	0	0	1226	-1226
TOTAL	50	43	3533	-3490

COLUMNS 1, 2, & 4 — LOCATION AND QUANTITIES FROM CROSS SECTIONS:
CUT = EARTH EXCAVATION, FILL = EMBANKMENT

COLUMN 3 — QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR SHRINKAGE FACTOR OF 15%.

COLUMN 5 — EARTHWORK REQUIRED:
(-) = QUANTITY OF FILL OR EMBANKMENT NEEDED (FURNISHED OR BORROW EXCAVATION)
(+) = QUANTITY TO BE WASTED.

LANDSCAPING SCHEDULE

FAU 1600 (143RD STREET)	TOPSOIL EXCAVATION AND PLACEMENT (CU. YD)	TOPSOIL EXCAVATION AND PLACEMENT, 6" (SQ. YD.)	AREA OF TOPSOIL NEEDED (SQ. YD.)	EXCESS OF TOPSOIL TO BE MOVED (SQ. YD.)
IL. RTE. 171	788	4728	614	4114
1104TH AVE. / WILLOW SPRINGS RD.	2484	14904	908	13996
TOTAL	*3272*	*19632*	*1522*	*18110*

TREE REMOVAL SCHEDULE

ROADWAY	STATION AND OFFSET	6 TO 15 UNITS	OVER 15 UNITS
IL. RTE. 171	198+76.2 / 41.5 L	6	
	198+94.7 / 41.9 L	7	
	199+01.5 / 37.7 R		24
	202+06.2 / 33.8 R		36
104TH AVE. / WILLOW SPRINGS RD.	501+13.3 / 69.6 R	8	
	TOTAL	*21*	*60*

HOT-MIX ASPHALT MIXTURE REQIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

MIXTURE TYPE	AIR VOIDS (%) @ Ndes	QMP
RESURFACING AND OVERLAY OVER EXISTING PCC		
POLY HMA SURFACE COURSE MIX "F", N90 (IL 9.5mm), 1 3/4"	4% @ 90 GYR.	QCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QC / QA
WIDENING		
POLY HMA SURFACE COURSE MIX "F", N90 (IL 9.5mm), 1 3/4"	4% @ 90 GYR.	QCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QC / QA
HMA SHOULDER RESURFACING		
POLY HMA SURFACE COURSE MIX "F", N90 (IL 9.5mm), 1 3/4"	4% @ 90 GYR.	QCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 1/2"	3.5% @ 50 GYR.	QC / QA
HOT-MIX ASPHALT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm), 10"	4% @ 70 GYR.	QC / QA
HMA REPLACEMENT OVER PATCHES		
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC / QA
SHARED PATH		
HMA SURFACE COURSE MIX "D", N50 (IL-9.5mm), 2"	4% @ 50 GYR.	QC / QA
HMA DRIVEWAY (C.E.)		
HMA SURFACE COURSE MIX "D", N50, (IL-9.5mm), 2"	4% @ 50 GYR.	QC / QA
HMA BASE COURSE (IL-19mm), 8"	4% @ 50 GYR.	QC / QA

QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP).

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 DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE MIXTURE.

PAVEMENT PATCHING SHALL BE DONE PRIOR TO MILLING THE ROADWAY SURFACE, PER BD-22 DETAIL

FILE NAME = c:\pw_work\pwidot\paraynoal\d0160753\P142709-sht-gennote.dgn	USER NAME = paraynoal	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/19/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES
IL. RTE. 58 AT SHALES PKWY.

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	B-N-5	COOK	129	26
		CONTRACT NO. 60T24		
	ILLINOIS FED. AID PROJECT			