

### 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
<b>TOTAL</b>	<b>50</b>	<b>43</b>	<b>3533</b>	<b>-3490</b>

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
<b>TOTAL</b>	<b>3272</b>	<b>19632</b>	<b>1522</b>	<b>18110</b>

### 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	
<b>TOTAL</b>		<b>21</b>	<b>60</b>

### HOT-MIX ASPHALT MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

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

OMP Designation: Quality Control/Quality Assurance (OC/OA); Quality Control for Performance (OCP).

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO 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

1 REVISED AP 5/22/14

FILE NAME	USER NAME	DESIGNED	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES OF QUANTITIES</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwidot\paraynoal\vd8168753\PI	2793-shi:gennotn.dgn	DRAWN	REVISED		<b>IL. ROUTE 171 (ARCHER AVE.) AT 104th AVE.</b>		3565	B-N-5	COOK	129	26
	PLOT SCALE = 1/8"=1'-0"	CHECKED	REVISED		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.			<b>CONTRACT NO. 60T24</b>	
	PLOT DATE = 5/22/2014	DATE	REVISED								(ILLINOIS) FED. AID PROJECT