

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	40
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIDE STREETS - EARTH EXCAVATION BY STAGE AND STATION

LOCATION	STAGE A	TEMPORARY PAVEMENT	STAGE 1	STAGE 2	STAGE 3	TOTALS BY STATION (ROUNDED)
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
94TH AVENUE	0	0	0	282.9	0	282.9
93RD AVENUE	0	0	0	23.0	0	23.0
PFEIFFER ROAD	0	0	0	110.7	0	110.7
84TH AVENUE	0	0	0	4518.3	0	4518.3
RIVER ROAD	0	0	0	456.1	0	456.1
82ND AVENUE	0	0	527.7	0	0	527.7
HILLSIDE ROAD	0	0	0	72.4	0	72.4
80TH AVENUE (NORTH)	0	0	878.4	0	0	878.4
80TH AVENUE (SOUTH)	0	0	0	1721.9	0	1721.9
78TH AVENUE	0	0	122.7	0	0	122.7
HUNTER WOODS DRIVE	0	0	0	545.3	0	545.3
FRANKFORT SQUARE ROAD	0	0	330.4	0	0	330.4
TOTAL	0	0	1859.2	7730.5	0	9589.7

SIDE STREETS - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL BY STAGE AND STATION

LOCATION	STAGE A	TEMPORARY PAVEMENT	STAGE 1	STAGE 2	STAGE 3	TOTALS BY STATION (ROUNDED)
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
94TH AVENUE	0	0	0	258.1	0	258.1
93RD AVENUE	0	0	0	175.5	0	175.5
PFEIFFER ROAD	0	0	0	211.1	0	211.1
84TH AVENUE	0	0	0	351.1	0	351.1
RIVER ROAD	0	0	0	21.3	0	21.3
82ND AVENUE	0	0	105.4	0	0	105.4
HILLSIDE ROAD	0	0	0	632.9	0	632.9
80TH AVENUE (NORTH)	0	0	213.2	0	0	213.2
80TH AVENUE (SOUTH)	0	0	0	367.9	0	367.9
78TH AVENUE	0	0	11.1	0	0	11.1
HUNTER WOODS DRIVE	0	0	0	77.7	0	77.7
FRANKFORT SQUARE ROAD	0	0	20.9	0	0	20.9
TOTAL	0	0	350.7	2095.7	0	2446.3

NOTE: THE QUANTITY FOR "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" INCLUDES REMOVAL OF MATERIAL FOR UNDERCUTTING AND REMOVAL OF TOPSOIL.

STAGE A TOTALS  
 EARTH EXCAVATION 113.4 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 309.6 CU YD  
 FURNISHED EXCAVATION 640.0 CU YD

TEMPORARY PAVEMENT TOTALS  
 EARTH EXCAVATION 5108.4 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 5036.9 CU YD  
 FURNISHED EXCAVATION 1574.7 CU YD

STAGE 1 TOTALS\*  
 EARTH EXCAVATION 30446.9 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 29052.5 CU YD  
 FURNISHED EXCAVATION 39480.1 CU YD

STAGE 2 TOTALS  
 EARTH EXCAVATION 44123.1 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 13531.2 CU YD  
 FURNISHED EXCAVATION 3816.2 CU YD

STAGE 3 TOTALS  
 EARTH EXCAVATION 8876.7 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 1609.0 CU YD  
 FURNISHED EXCAVATION 0 CU YD

PROJECT TOTALS (ROUNDED)  
 EARTH EXCAVATION 88669 CU YD  
 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 49540 CU YD  
 FURNISHED EXCAVATION 45511 CU YD

\*INCLUDES EXISTING STRUCTURE REMOVAL AND COMPENSATORY STORAGE EARTHWORK

SIDE STREETS - REQUIRED EMBANKMENT AND EARTHWORK BALANCE BY STAGE AND STATION

LOCATION	STAGE A		TEMPORARY PAVEMENT		STAGE 1		STAGE 2		STAGE 3		TOTALS BY STATION	
	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION	EMBANKMENT	FURNISHED EXCAVATION
	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)	(CUYD)
94TH AVENUE	0	0	0	0	0	0	251.1	10.7	0	0	251.1	10.7
93RD AVENUE	0	0	0	0	0	0	1164.6	1145.0	0	0	1164.6	1145.0
PFEIFFER ROAD	0	0	0	0	0	0	741.6	647.6	0	0	741.6	647.6
84TH AVENUE	0	0	0	0	0	0	24.5	-3816.0	0	0	24.5	-3816.0
RIVER ROAD	0	0	0	0	0	0	15.0	-372.7	0	0	15.0	-372.7
82ND AVENUE	0	0	0	0	36.9	-411.6	0	0	0	0	36.9	-411.6
HILLSIDE ROAD	0	0	0	0	0	0	1820.6	1759.1	0	0	1820.6	1759.1
80TH AVENUE (NORTH)	0	0	0	0	240.4	-506.3	0	0	0	0	240.4	-506.3
80TH AVENUE (SOUTH)	0	0	0	0	0	0	175.8	-1287.8	0	0	175.8	-1287.8
78TH AVENUE	0	0	0	0	11.4	-92.9	0	0	0	0	11.4	-92.9
HUNTER WOODS DRIVE	0	0	0	0	0	0	21.7	-441.8	0	0	21.7	-441.8
FRANKFORT SQUARE ROAD	0	0	0	0	19.0	-261.8	0	0	0	0	19.0	-261.8
TOTAL	0	0	0	0	307.7	-1272.6	4215.0	-2355.9	0	0	4522.7	-3628.5

FURNISHED EXCAVATION = EMBANKMENT - ( 1 - SHRINKAGE FACTOR (0.15) ) X EARTH EXCAVATION  
 A POSITIVE QUANTITY IMPLIES THAT FURNISHED EXCAVATION WILL BE REQUIRED.  
 A NEGATIVE QUANTITY IMPLIES THAT THERE IS EXCESS EXCAVATED MATERIAL THAT CAN BE USED ELSEWHERE WITHIN THE PROJECT LIMITS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30  
 SCHEDULE OF QUANTITIES

SCALE: VERT.  
 HORIZ.  
 DATE 6/11/2010

DRAWN BY DJK  
 CHECKED BY JRJ