

EARTHWORK SCHEDULE FOR 95TH ST.

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (SHRINKAGE FACTOR) 15%	EMBANKMENT	EMBANKMENT BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARDS	CUBIC YARDS	CUBIC YARDS	CUBIC YARDS
STA. 18+00 TO 19+00	127.52	108.39	6.74	+101.65
STA. 19+00 TO 19+50	71.69	60.94	14.52	+46.42
STA. 19+50 TO 19+66	99.27	84.38	10.26	+74.12
STA. 19+66 TO 20+00	217.86	185.18	6.56	+178.62
STA. 20+00 TO 21+00	189.56	161.13	13.89	+147.24
STA. 21+00 TO 22+00	181.63	154.39	5.81	+148.58
STA. 22+00 TO 23+00	148.52	126.24	1.96	+124.28
STA. 23+00 TO 24+00	124.15	105.53	0.48	+105.05
STA. 24+00 TO 25+00	551.81	469.04	0.15	+468.89
STA. 25+00 TO 26+00	782.63	665.24	0.19	+665.05
STA. 26+00 TO 27+00	478.26	406.52	0.19	+406.33
STA. 27+00 TO 28+00	329.59	280.15	0.07	+280.08
STA. 28+00 TO 29+00	236.96	201.42	4.48	+196.94
STA. 29+00 TO 29+83	547.69	465.54	22.54	+443.00
STA. 29+83 TO 30+00	103.00	87.55	10.55	+77.00
STA. 30+00 TO 31+00	56.11	47.69	60.74	-13.05
STA. 31+00 TO 32+00	36.26	30.82	64.41	-33.59
STA. 32+00 TO 33+00	30.30	25.75	53.22	-27.47
STA. 33+00 TO 34+00	95.33	81.03	10.89	+70.14
STA. 34+00 TO 35+00	156.48	133.01	3.63	+129.38
TOTAL	4564.62	3879.94	291.28	+3588.66

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	DESIGN AIR VOIDS
-------------	------------------

ROADWAY RECONSTRUCTION

HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 5/4"	4% @ 90
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"	3.5% @ 80
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"	3.5% @ 80

SHOULDER RECONSTRUCTION

HOT-MIX ASPHALT SHOULDER, 9/4" (HMA BINDER IL-19MM)	2% @ 30
---	---------

DRIVEWAYS (COMMERCIAL ENTRANCE)

HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19MM)	4% @ 50
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL-9.5MM)	4% @ 50

TEMPORARY PAVEMENT

TEMPORARY PAVEMENT, 2/4" (HMA BINDER IL-19MM)	4% @ 50
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1/2" (IL-9.5MM)	4% @ 50

NOTE:

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112 LBS./SQ. YD./ IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 5/4", POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2" AND POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2" ARE COMPONENTS OF HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 9/4"

THE 5/4" HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 LAYER SHOULD BE PLACED IN 2 LIFTS.

EARTHWORK SCHEDULE FOR 104TH AVE./ FLAVIN RD.

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (SHRINKAGE FACTOR) 15%	EMBANKMENT	EMBANKMENT BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARDS	CUBIC YARDS	CUBIC YARDS	CUBIC YARDS
STA. 207+00 TO 208+00	221.59	188.35	0.56	+187.79
STA. 208+00 TO 209+00	265.81	225.94	9.30	+216.64
STA. 209+00 TO 210+00	355.85	302.47	12.15	+290.32
STA. 210+00 TO 211+00	465.15	395.38	5.56	+389.82
STA. 211+00 TO 212+00	406.00	345.10	7.44	+337.66
STA. 212+00 TO 212+25	82.42	69.79	2.96	+66.83
STA. 212+25 TO 212+50	78.91	67.07	3.60	+63.47
STA. 212+50 TO 212+75	77.08	65.52	4.18	+61.34
STA. 212+75 TO 213+00	75.70	64.34	4.66	+59.68
STA. 213+00 TO 213+25	76.81	65.29	4.79	+60.50
STA. 213+25 TO 213+50	79.81	67.84	4.69	+63.15
STA. 213+50 TO 213+75	83.41	70.90	4.36	+66.54
STA. 213+75 TO 214+00	88.89	75.56	3.57	+71.99
STA. 214+00 TO 214+04	15.81	13.44	0.52	+12.92
STA. 214+04 TO 214+10	21.39	18.18	0.71	+17.47
STA. 214+10 TO 215+00	334.97	284.72	9.10	+275.62
STA. 215+00 TO 216+00	548.63	466.34	3.78	+462.56
STA. 216+00 TO 217+00	417.19	354.61	0.19	+354.42
STA. 217+00 TO 218+00	236.33	200.88	1.93	+198.95
STA. 218+00 TO 219+00	312.04	265.23	1.81	+263.42
STA. 219+00 TO 220+00	367.85	312.67	0.07	+312.60
STA. 220+00 TO 221+00	363.30	308.80	0	+308.80
STA. 221+00 TO 222+00	377.78	321.11	0.04	+321.07
STA. 222+00 TO 223+00	401.44	341.22	0.04	+341.18
STA. 223+00 TO 224+00	324.74	276.03	2.07	+273.96
TOTAL	6078.90	5166.78	88.08	+5078.70

FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MIXTURE REQUIREMENT TABLE AND QUANTITY SCHEDULES 95th STREET @ 104th AVENUE/ FLAVIN ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01\pw\work\p1dot\stedpa\d815915\p144499-Design.dgn		DRAWN -	REVISED -			1566	29 R-N-1	COOK	120	11
PLOT SCALE = 50.0609' / 1" =		CHECKED -	REVISED -			CONTRACT NO. 62377				
PLOT DATE = 1/19/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				