

SUMMARY OF QUANTITIES

1000

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2796	09-00031-00-PV	COOK	16	3
STA. 10+00		TO STA. 39+92		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63267				

ITEM No.	ITEMS	UNITS	QTY.
20200410	EARTH EXCAVATION (SPECIAL)	C.Y.	977
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	C.Y.	150
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	C.Y.	150
21101615	TOPSOIL FURNISH AND PLACE, 4"	S.Y.	3250
25000400	NITROGEN FERTILIZER NUTRIENT	LBS.	60
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	LBS.	60
25000600	POTASSIUM FERTILIZER NUTRIENT	LBS.	60
25200100	SODDING	S.Y.	3250
35501300	HOT-MIX ASPHALT BASE COURSE, 4"	S.Y.	38.9
35800100	PREPARATION OF BASE	S.Y.	8796
35800200	AGGREGATE BASE REPAIR	TON	2000
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	50
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	2693
40600982	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	S.Y.	89
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1257
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIXTURE 'C', N50	TON	6
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIXTURE 'D', N50	TON	1007
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	S.Y.	202
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	S.F.	11,313
42400410	PORTLAND CEMENT CONCRETE SIDEWALK, 8"	S.F.	294
42400800	DETECTABLE WARNINGS	S.F.	290
44000198	HOT-MIX ASPHALT SURFACE REMOVAL- VARIABLE DEPTH	S.Y.	8796
44000200	DRIVEWAY PAVEMENT REMOVAL	S.Y.	277
44000600	SIDEWALK REMOVAL	S.F.	1015
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FT	950
60202705	CATCH BASINS, TYPE A, 4'-DIAMETER WITH SALVAGED FRAME AND GRATE	EA	4
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EA	2
60250200	CATCH BASINS TO BE ADJUSTED	EA	1
60255500	MANHOLES TO BE ADJUSTED	EA	3
60255600	MANHOLES TO BE ADJUSTED (SPECIAL)	EA	6
60257900	MANHOLES TO BE RECONSTRUCTED	EA	2
60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EA	2
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EA	12
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EA	4
60500040	REMOVING MANHOLES	EA	1
60500050	REMOVING CATCH BASINS	EA	4
60500060	REMOVING INLETS	EA	2
67100100	MOBILIZATION	L.S.	1
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L.S.	1
* 78000100	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS	S.F.	263.8
* 78000200	THERMOPLASTIC PAVEMENT MARKING, LINE -4"	FT.	663
* 78000400	THERMOPLASTIC PAVEMENT MARKING, LINE - 6"	FT.	456
* 78000650	THERMOPLASTIC PAVEMENT MARKING, LINE -24"	FT.	192.5
X0322919	CLEAN EXISTING STRUCTURES	EA	5
Z0018300	DRAINAGE STRUCTURE REPAIR	EA	6
XX005751	MANHOLE REHABILITATION	FOOT	4
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L.S.	1

* INDICATES SPECIALTY ITEM

HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART

MIXTURE TYPE	AIR VOIDS AT Ndes
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50; 2"	4% AT 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50	4% AT 50 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX 'C', N50, (IL 9.5mm); 2"	4% AT 50 GYR
HOT-MIX ASPHALT BASE COURSE (HOT-MIX ASPHALT BINDER IL 19mm); 6"	4% AT 50 GYR

THE UNIT WEIGHT 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 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.

STRUCTURAL DESIGN INFORMATION

SOUTH OF 73rd	
STRUCTURAL DESIGN TRAFFIC: YEAR 2020	
PV= 6175	SU= 260 MU= 65
ROAD/STREET CLASSIFICATION: CLASS II	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 50	S= 50 M= 50
TRAFFIC FACTOR: ACTUAL T.F.= 0.55	
MINIMUM T.F.= N/A	
PG GRADE: BINDER= 64-22 SURFACE= 64-22	
IBR= 3.0	SSR= FAIR
NORTH OF 73rd	
STRUCTURAL DESIGN TRAFFIC: YEAR 2020	
PV= 2408	SU= 168 MU= 224
ROAD/STREET CLASSIFICATION: CLASS II	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P= 50	S= 50 M= 50
TRAFFIC FACTOR: ACTUAL T.F.= 1.055	
MINIMUM T.F.= N/A	
PG GRADE: BINDER= 64-22 SURFACE= 64-22	
IBR= 3.0	SSR= FAIR

REVISIONS	
NAME	DATE
JMH PER IDOT REVIEW	08/29/09
JMH PER IDOT REVIEW	09/31/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF BEDFORD PARK
 CENTRAL AVENUE RECONSTRUCTION
 70th PLACE TO VILLAGE LIMITS (RR TRACKS)
 GENERAL NOTES AND SUMMARY OF QUANTITIES
 SCALE: N.T.S.
 HORIZ: N.T.S.
 DATE: 07/16/09
 DRAWN BY: JMH
 CHECKED BY: SAL

Hoefferle-Butler Engineering, Inc.
 Consulting Civil Engineers - Land Surveyors
 PROFESSIONAL DESIGN FIRM LICENSE NO. 184-00089
 8714 S. ROBERTS ROAD HICKORY HILLS, ILLINOIS 60577
 (708) 599-8980 FAX (708) 599-8790