

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1638*	**	WILL	38	6
STA.		TO STA.		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63316		* EXCHANGE STREET ** 09-00044-01-TL		

ENTRANCE SUMMARY									
LOCATION	PROP. WIDTH	* TYPE	SUB-BASE GRANULAR MATERIAL TYPE B, 12"	HOT-MIX ASPHALT BASE COURSE, 9"	AGG. BASE CSE, TY B, 4"	AGG. BASE CSE, TY B, 12"	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	PCC DWY PVMT, 6"
	FEET		SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	
EXCHANGE STREET									
RT. STA. 54+23	24	C.E.	207	207			30	22	
LT. STA. 66+20	16	C.E.				64		9	
LT. STA. 67+00	16	C.E.				64		9	
LT. STA. 68+34	16	C.E.				64		9	
RT. STA. 71+75	24	C.E.	291	291			42	27	
INDEPENDENCE BLVD.									
RT. STA. 11+57	27.5	PRIV.			47				47
RT. STA. 11+60	24	PRIV.			40				40
RT. STA. 12+96	35.5	PRIV.			70				70
TOTAL			498	498	157	192	72	76	157

* C.E. = COMMERCIAL ENTRANCE

CURB SUMMARY			
LOCATION	PROPOSED B-6.24	PROPOSED B-6.12	PROPOSED M-6.12
	L.F.	L.F.	
EXCHANGE STREET			
LT. STA. 65+69 TO LT. STA. 71+61	623		
RT. STA. 65+79 TO RT. STA. 71+54	193		
LT. STA. 71+09 TO LT. STA. 72+99	141		
RT. STA. 71+93 TO RT. STA. 77+75	607		
INDEPENDENCE BLVD.			
LT. STA. 10+76 TO LT. STA. 14+00			324
RT. STA. 10+80 TO RT. STA. 14+00			320
ENTRANCES			
RT. STA. 54+23	107		
RT. STA. 76+94	125	102	
LT. STA. 11+57		33	
RT. STA. 11+60		30	
RT. STA. 12+96		25	
TOTAL	1,796	834	644

EARTHWORK SUMMARY				
LOCATION	CUT	FILL	FILL X C.F.*	EXCESS EXCAVATION
	C.F.	C.F.	C.F.	C.F.
EXCHANGE STREET				
STA. 50+80 TO STA. 65+50	7,485	2,065	2,581	4,904
STA. 65+50 TO STA. 73+00	1,350	850	1,063	287
INDEPENDENCE BLVD.				
STA. 10+50 TO STA. 14+00	575	56	70	505
TOTAL	9,410	2,971	3,714	5,696

* C.F. = COMPACTION FACTOR 1.25

SIDEWALK SUMMARY		
LOCATION	PROPOSED PCC SIDEWALK, 5"	SIDEWALK REMOVAL
	SQ. FT.	SQ. FT.
EXCHANGE STREET		
RT. STA. 52+74 TO RT. STA. 65+50	5,630	
RT. STA. 65+50 TO RT. STA. 71+40	3,160	
RT. STA. 72+02 TO RT. STA. 72+40	240	240
INDEPENDENCE BLVD.		
RT. STA. 10+18 TO RT. STA. 12+75	644	260
LT. STA. 10+18 TO LT. STA. 11+43	717	
TOTAL	10,391	500

TREE REMOVAL			
STATION	OFFSET	INCH DIAMETER	
		6" - 15"	> 15"
55+42	41' LT.	14"	
55+49	44' LT.	14"	
55+82	41' LT.	14"	
64+27	41' LT.		24"
67+04	39' LT.	8"	
67+16	41' LT.	8"	
68+08	40' LT.		24"
68+83	38' LT.		24"
70+08	45' LT.		24"
TOTAL		58"	96"

STORM SEWER SCHEDULE								
LOCATION	STRUCTURE TYPE	STORM SEWER (LIN. FT.)	STORM SEWER (LIN. FT.)	CATCH BASIN, TYPE A (EACH) 4' DIA.		MANHOLE, TYPE A (EACH) 4' DIA.	INLET, TYPE A (EACH) 2' DIA.	FLARED END SECTION (EACH)
		CLASS A, TYPE IV	WATER MAIN REQUIREMENTS	T8 GR	T12 FOL	T1 FCL	T24 FOL	12"
31' LT. STA. 66+65	CB			1				
31' LT. STA. 66+65 TO 28' LT. STA. 68+00		129						
28' LT. STA. 68+00	CB			1				
28' LT. STA. 68+00 TO 28' LT. STA. 69+50		145						
20' LT. STA. 69+50	INL						1	
20' LT. STA. 69+50 TO 28' LT. STA. 69+50		3						
28' LT. STA. 69+50 TO 29' LT. STA. 70+95		138						
36' RT. STA. 69+58	CB			1				
36' RT. STA. 70+70	MH					1		
36' RT. STA. 70+70 TO 33' RT. STA. 71+00			26					
36' RT. STA. 69+58 TO 36' RT. STA. 70+70		110						
18' RT. STA. 71+00	INL						1	
18' RT. STA. 71+00 TO 33' RT. STA. 71+00		12						
33' RT. STA. 71+00	MH					1		
33' RT. STA. 71+00 TO 24' RT. STA. 73+18			214					
19' RT. STA. 11+83	CB			1				
19' RT. STA. 11+83 TO 14' RT. STA. 11+83		5						
19' LT. STA. 11+85	CB			1				
19' LT. STA. 11+85 TO 15' LT. STA. 11+85		4						
20.5' RT. STA. 13+50	INL							
20.5' RT. STA. 13+50 TO 23' RT. STA. 13+50		41						
23' RT. STA. 13+50	MH					1		
38' RT. STA. 60+67	FES							1
TOTAL:		477	240	3	2	3	2	1

PAVING SUMMARY									
LOCATION	SUB-BASE GRANULAR MATERIAL, TYPE B 12"	AGGREGATE BASE COURSE, TYPE B 10"	HOT-MIX ASPHALT BASE COURSE, 9"	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	BITUMINOUS MATERIALS (PRIME COAT)	LEVELING BINDER (MACHINE METHOD) N50	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH
	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	GAL.	TON	TON	TON	SQ. YD.
STA. 50+80 TO STA. 65+50	3,202			3,133	376	200	450	680	
STA. 65+50 TO STA. 73+00	1,916			2,127	194	100	310	286	
STA. 73+00 TO STA. 77+75					190			164	1,900
INDEPENDENCE BLVD.									
		1,515				200	131		
ENTRANCES									
	498		498			72	76		
TOTAL	5,616	1,515	498	5,260	760	300	1,032	1,337	1,900

REVISIONS		
NO.	NAME	DATE
1	PER IDOT	8-13-09
2	PER IDOT	10-29-09

McBRIDE ENGINEERING, INC.
 CIVIL ENGINEERS & SURVEYORS
 ILLINOIS PROFESSIONAL DESIGN FIRM #184-000803
 CORPORATE: 3649 W. 183rd Street Suite 124, Hazel Crest, IL 60429-2409, 708-799-1350
 ARLINGTON HEIGHTS DIVISION: 320 S. Belmont Avenue, Arlington Heights, IL 60005-2038, 847-394-4810
 MEI PROJECT: 04119.806 SCALE: NONE

VILLAGE OF CRETE
 EXCHANGE STREET IMPROVEMENTS
 CRETE, WILL COUNTY, ILLINOIS
SCHEDULES
 DATE: 7-3-09
 DRAWN BY: PG/ADM
 CHECKED BY: LGB