

SUMMARY OF QUANTITIES

CODE	PAY ITEM DESCRIPTION	UNIT	1000	1000
			TOTAL QUANTITY	80% FEDERAL 20% LOCAL
~ 70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	0.5	0.5
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	60	60
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4,500	4,500
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,000	1,000
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	200	200
~ X0325526	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	10	10
~ X0326210	GEOTECHNICAL FABRIC, SPECIAL	SQ YD	8,000	8,000
~ X0326408	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, SPECIAL	CU YD	650	650
~ XX000541	EXPLORATORY EXCAVATION	CU YD	20	20
~ XX002260	STRUCTURES TO BE REMOVED	EACH	16	16
~ XX005636	PIPE UNDERDRAINS, PERFORATED POLYVINYL CHLORIDE PIPE, 6"	FOOT	80	80
~ XX007228	STORM SEWERS, TYPE 2, WATERMAIN QUALITY PIPE, 10"	FOOT	152	152
~ Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	8,000	8,000
~ Z0019600	DUST CONTROL WATERING	UNIT	100	100
Δ ~ Z0076600	TRAINEES	HOURL	500	500

Δ Y000
 * DENOTES SPECIALTY ITEM
 ~ DENOTES SPECIAL PROVISION HAS BEEN PROVIDED

EARTHWORK TABLE

LOCATION	REMOVAL & DISPOSAL MATERIAL (PGES) (CU YD)	EARTH EXCAVATION (CU YD)	TOTAL SUITABLE EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR 15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
BROADWAY AVENUE STA. 6+80 TO STA. 26+29	650	3,600	3,600	3,600	0	+3,060

**POROUS GRANULAR EMBANKMENT
SUBGRADE LOCATIONS PER SOIL REPORT**

LOCATION	EAST SIDE		WEST SIDE	
	WIDTH	DEPTH	WIDTH	DEPTH
BROADWAY AVENUE STA. 9+50 TO STA. 13+00 STA. 16+00 TO STA. 19+50	12.0'	0.75'	19.5'	0.75'

NOTE:
ACTUAL LOCATIONS, WIDTHS,
AND DEPTHS TO BE DETERMINED

NOTE:
**POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH PGES OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

Drawing File: W:\Projects\60009001 - Broadway Ave Reconstruction\DETAILS.dwg Apr 19, 2010 - 11:15am



USER NAME -
 DESIGNED - WOP
 DRAWN - MK/LEV/DMM
 CHECKED - WOP
 DATE - 3-29-10

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

ROUTE NO. 2406	SECTION 09-00114-00-FP	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 5
FIELD BOOK NO. 1588/AERIALS/LL		CONTRACT NO. 63455		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-M-9003 (516)				

SCALE: NOT TO SCALE SHEET NO. 1 OF 2 SHEETS STA. TO STA.