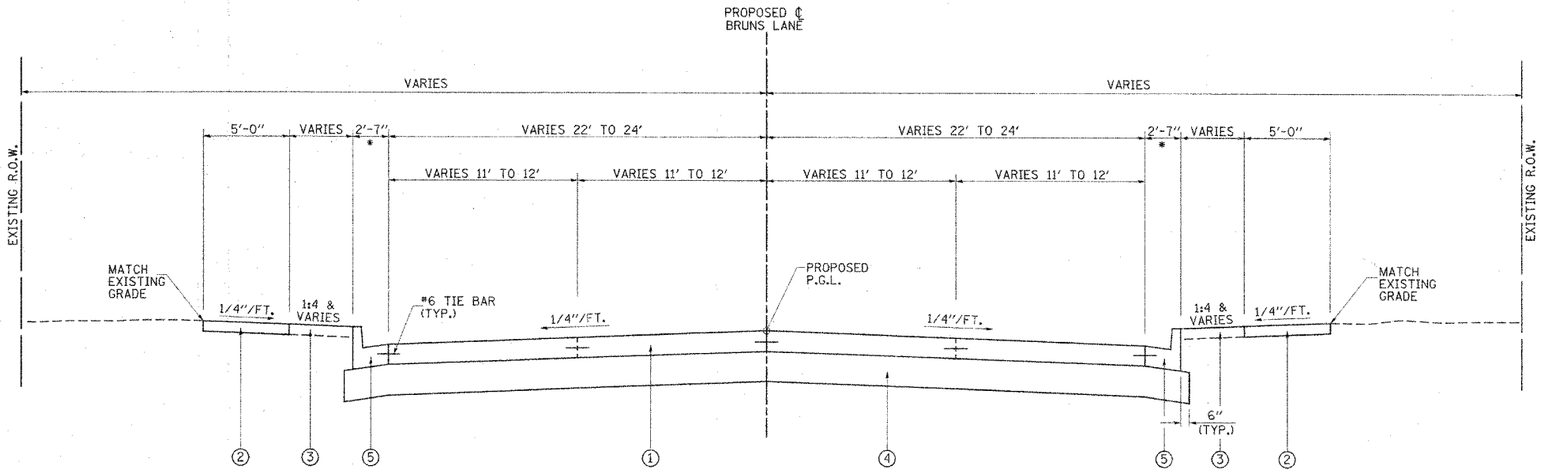
93444

F.A. RTE.	SECTION *	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00444-00-BR	SANGAMON	33	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD



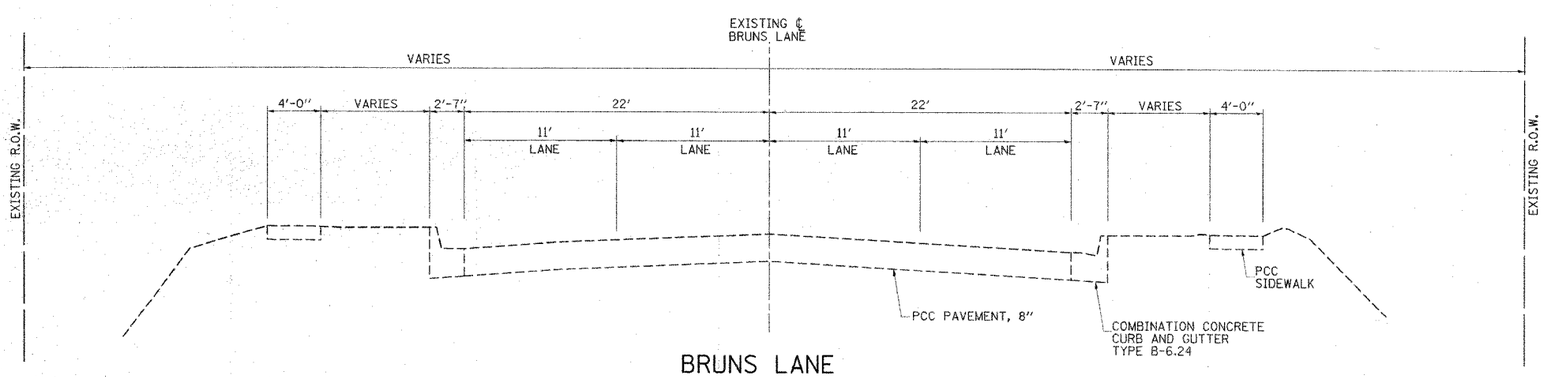
BRUNS LANE
PROPOSED ROADWAY APPROACH

STA. 114+00.00 TO STA 114+70.50
AND
STA. 116+84.50 TO STA. 117+46.00

STRUCTURAL DESIGN INFORMATION (BRUNS LANE)

CLASS I STREET
DESIGN TRAFFIC (2017): 5780 TOTAL ADT
P.V. = 4,855 S.U. = 405 M.U. = 520
T.F. = 3.788 (80,000 LB. LOAD LIMIT - BLR FIG. 37-2C)
CONSTRUCT: 8" PCC PAVEMENT WITH 12" GRANULAR SUBBASE
1.5" DIA. DOWEL BARS TO BE USED ON TRANSVERSE JOINTS (SEE JOINTING PLAN - SHEET 6)

* NOTE: GUTTER FLAG WIDTH TRANSITIONS FROM 18" AT THE BACK OF THE BRIDGE APPROACH PAVEMENT TO 24" WIDE 10' BEYOND THE BRIDGE APPROACH PAVEMENT. TYPICAL B-6.24 EACH SIDE FROM STA. 114+00 TO STA. 114+60.50 AND STA. 116+94.50 TO STA. 117+46. (SEE SPECIAL PROVISION)



BRUNS LANE
EXISTING ROADWAY APPROACH

STA. 114+00.00 TO STA 115+05.50
AND
STA. 116+50.50 TO STA. 117+46.00

QUANTITY SCHEDULES

STATION RANGE / LOCATION	QUANTITY
EARTH EXCAVATION (20200100)	
STA. 114+00.00 TO STA. 115+00.50	190 CU YD
NORTH BRIDGE CONE EARTH EXCAVATION	170 CU YD
SOUTH BRIDGE CONE EARTH EXCAVATION	170 CU YD
STA. 116+54.50 TO STA. 117+46.00	160 CU YD
SUBTOTAL	**690 CU YD**
EROSION CONTROL BLANKET (25100630)	
STA. 113+95.00 TO STA. 115+00.50 - LT.	207 SQ YD
STA. 113+95.00 TO STA. 115+00.50 - RT.	205 SQ YD
STA. 116+54.50 TO STA. 117+51.00 - LT.	117 SQ YD
STA. 116+54.50 TO STA. 117+51.00 - RT.	175 SQ YD
SUBTOTAL	**704 SQ YD**
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (42400100)	
STA. 114+00.00 TO STA. 115+00.50 - LT.	503 SQ FT
STA. 114+00.00 TO STA. 115+00.50 - RT.	503 SQ FT
STA. 116+54.50 TO STA. 117+46.00 - LT.	458 SQ FT
STA. 116+54.50 TO STA. 117+46.00 - RT.	458 SQ FT
SUBTOTAL	**1922 SQ FT**
PAVEMENT REMOVAL (44000100)	
STA. 114+00.00 TO STA. 115+05.60	518 SQ YD
STA. 116+49.39 TO STA. 117+46.00	474 SQ YD
SUBTOTAL	**992 SQ YD**
COMBINATION CURB AND GUTTER REMOVAL (44000500)	
STA. 114+00.00 TO STA. 115+05.60 - LT.	106 FT
STA. 114+00.00 TO STA. 115+05.60 - RT.	106 FT
STA. 116+49.39 TO STA. 117+46.00 - LT.	97 FT
STA. 116+49.39 TO STA. 117+46.00 - RT.	97 FT
SUBTOTAL	**406 FOOT**
SIDEWALK REMOVAL (44000600)	
STA. 114+00.00 TO STA. 115+05.60 - LT.	458 SQ FT
STA. 114+00.00 TO STA. 115+05.60 - RT.	451 SQ FT
STA. 116+49.39 TO STA. 117+46.00 - LT.	404 SQ FT
STA. 116+49.39 TO STA. 117+46.00 - RT.	409 SQ FT
SUBTOTAL	**1722 SQ FT**

PROPOSED LEGEND

1. PROP. P.C.C. PAVEMENT, 8"
2. PROP. P.C.C. SIDEWALK, 4"
3. PROP. SEEDING CLASS 2, WITH MULCH METHOD 2
4. PROP. SUBBASE GRANULAR MATERIAL, TYPE B, 12"
5. PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24*

REVISIONS	
NAME	DATE

CITY OF SPRINGFIELD, ILLINOIS

PROPOSED TYPICAL SECTIONS & QUANTITY SCHEDULES

SCALE: NONE
DATE: 6/19/07
DRAWN BY: GLD
CHECKED BY: SPH

PLOT DATE = 6/13/2007
FILE NAME = L:\Springfield\95825B3\Draw\Sheets\typsection_road.dgn
PLOT SCALE = 1 INCH/1 INCH
REFERENCE = 4NEP4