

RELEASED FOR CONSTRUCTION 12/02/10

DATE### #USER#	TIME### ##PENTABLE##	#PRF#	#DGN#	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
				GA			

TYPICAL DETAIL 'A'
TYPICAL POWER SEPARATION AT POLE

TYPICAL DETAIL 'B'
SEPARATION REQUIREMENTS FOR MID-SPAN AND AT CROSSINGS

THE VERTICAL SEPARATION FROM NEUTRAL CONDUCTORS SHALL BE INCREASED SO THAT THE LOWEST POINT OF THE NEUTRAL CONDUCTOR ON THE SPAN OR AT THE CROSSING WILL BE AT LEAST 30 INCHES ABOVE THE COMMUNICATION CABLE ATTACHMENT LEVEL. LINE OF SIGHT AS ILLUSTRATED ABOVE.

TYPICAL DETAIL 'C'
STREET LIGHT BRACKET SEPARATION
NOTE: SEE TABLE BELOW

TYPICAL DETAIL 'D'
TYPICAL TRANSFORMER AND POWER RISER SEPARATION WITHOUT GUARD ARM

TYPICAL DETAIL 'E'
TYPICAL DISCONNECT BOX INSTALLATION

VERTICAL CLEARANCES AT THE POLE FOR SPAN WIRES AND BRACKETS FOR STREET LIGHTS (RULE 238C)

TYPE OF CLEARANCE	CLEARANCE (IN)			
	IF EFFECTIVELY GROUNDED UP TO 150V	IF NOT EFFECTIVELY GROUNDED FOR LUMINAIRES UP TO 150V	OVER 150V	FOR TROLLEY CONDUCTORS
ABOVE COMMUNICATION CROSSARMS	20 (A)	20 (A)	20 (A)	20 (A)
BELOW COMMUNICATION CROSSARMS	24	24	40	24
ABOVE COMMUNICATION CABLES	4	20 (A)	20 (A)	12
BELOW COMMUNICATION CABLES	4	20	40	12
FROM COMMUNICATION TERMINAL BOXES	4	20 (A)	20 (A)	12 (B)
FROM COMMUNICATION BRACKETS BRIDLE WIRE RINGS AND DRIVE HOOKS	4	16 (A)	16 (A)	4

NOTES A. MAY BE REDUCED TO 12 IN. FOR WIRES OR PARTS OF BRACKETS 40 IN. OR MORE FROM SURFACE OF POLE.
B. IF OBTAINABLE IF NOT, MAXIMUM OBTAINABLE.

3/1/2007
GPN

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

-NO SCALE-

	<p>REVISION DATES</p> <table border="1"> <tr><td>06/2000</td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>	06/2000																		<p>STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: TRAFFIC OPERATIONS SIGNAL PLANS UTILITY CLEARANCE DETAILS DECEMBER 1998</p>
06/2000																				

Guidelines For Usage On Metric Projects
When these details are incorporated into plans and or projects that are being prepared or constructed in metric units, exact or precise conversion to metric units is not required. The dimensions shown that are in feet and inches may be converted to corresponding metric units using the following: *Rounded-off conversion factors: 1"=25mm, 4"=100mm, and 12" or 1'-300mm. All measurement notes that refer to linear feet and square yards shall be interpreted to mean linear meters and square meters.

THE LPA GROUP
TRANSPORTATION CONSULTANTS
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY
CONSTRUCTION DETAILS

DRAWING No.
40-047