

METAL POLE No. 1								U-5757 Sig. 8.3		
	MAST A	ARM LC	DADIN	IG SCH	EDU	LE				
loading Symbol		DESCRIPTI	ON		AREA	SIZE	WEIGHT			
		MOUNTED S CTION-WIT		11	6.3 S.F.	42.0″W X 56.0″L	103 LBS			
		MOUNTED S CTION-WIT			1.5 S.F.	25.5″W X 66.0″L	74 LBS			
		MOUNTED S CTION-WIT).3 S.F.	25.5″W X 52.5″L	60 LBS			
		TRIAN SI(MOUNTING			2.2 S.F.	18.5″W X 17.0″L	21 LBS			
2	F	SIGN RIGID MOL	INTED		7.5 S.F.	30.0″W X 36.0″L	14 LBS			
Street Name		REET NAME RIGID MOL		1	6.0 S.F.	24.0″W X 96.0″L	36 LBS			
ce material			<u>NOTES</u>							
NCDOT Roadw Fic signal p Metal Pol connect.ncdo <u>WENTS</u> traffic sign e are antic will be app nal plans for signal support design for h where the when fully e bolted may ox connections s. This requires propriate with m attachment slope and constant slope and constant slope and constant slope and constant slope and constant the Elevation of the pole the Elevation attachment 1/2 of the to attachment 1/2 of the to attachment 1/2 of the to attachment tor is responded tor is responde	st arm-to-po on shown as uires stagged arm connection 8 anchor bo t height (H1 deflection ar assumed to of gidly mounted ce height for base plate i on Data Char evel and the will determine height (H1) otal height the signal height the Signal height the Signal height the signal height the signal height are to have bla ensible for are to have bla	Drawings. Drawings. and spec located rces/safet e using the case "des time of the loads the orce ration deflection free end con- le connect long as the ring the co- on points. It holes.) shown is re not con- efset each d and vert r design i s 0.75 fe t for the high poin- ne the tot plus 2 fe of the ma- equired, the st arm len Design Seco- verifying eads over providing dations co- ack protect	ial prov at the f y/Pages/ ne loadin sign load ne insta- nat will os that will of the may ne connection for should of the may ne connection s as should other. ically c s as s ically c s as s ically c s as s s as s s as s ically c s as s s a	isions. ollowing ITS-Desig ng conditi ds" and ma llation. T be applie do not exa d provide ast arm da be used i ction meet ons. Use 2 inch x on the fol in determ entered o when in the fol in determ entered o when in the fol in determ entered o whethe grou on differ a roadway. ht (H2) of ttachment ractor must arm attach hior Struct e mast arm dway. hetration signed.	NCDOT where Resolution ons shares of the con- d at the con- d at the ed 0.9 an appeared of the anti- elevation of the method elevation of the method elevation of the method elevation of the the method elevation of the the theorem of the the theorem of theorem o	rebsite: rces.as own in f represent tractor he time deflect of the of th	px the elevent of the action should r of the i of a low t below welded r design a for eact t bolts. assumpti attachme i. ws. the prop ing the g 1 foot. al from t s. The for will all (SPT) to	tion tual efer to nstalla ing th arm t ons: nt osed greater the ow the pol	o o o s. The e shop	
T Wind Z	Zone 5 (*	110 mpł	n)				F	IENT NOT C INAL UNLES ATURES CC	SS ALL	
Ared for the Offices of: NC 8 (Winston Road) at 9th Street NC 8 (Winston Road) at 9th Street Division 9 Davidson County Lexington Division 9 Davidson County Lexington PLAN DATE: May 2024 REVIEWED BY: G.G. Murr, Jr. PREPARED BY: B.E. Wynn REVISIONS INIT.						~ ~	SEAL SEAL SEAL SEAL 14543 DocuSigned by: 144586BE1CDD45B DATE			