STATE OF OHIO DEPARTMENT OF TRANSPORTATION

SUMMIT COUNTY	OH
SUM - HIGHLAND ROAD	F.H.M REG
HES-1D310	FED PRO

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FH.W.A. 5 REGION 5	5
FEDERAL PROJECT	1

DESIGNATION DESIGN

Current Year 1989 A.D.T. = 6325 Design Year 1999 A.D.T. = 8225 = 600 D.H.V. = 50% D (Directional Distribution) T(Percent B & C Trucks) = 10% = 40 M.P.H. V (Design Speed) = 35 M.P.H. V(Legal Speed) URBAN COLLECTOR **Functional Classification**

SUM -	HIGHLAND	ROAD
SIGNA	LIZATION	PLAN

CITY OF MACEDONIA CILIMINATE COLINITY

O MINITE COOM I	
ATTIFIELD COMPLETE OF THE PROPERTY OF THE PROP	PROJECT SITE HIGHLAND RD. STA. 95+75.42
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TWINS- BURG BURG MACEDONIA AURORA BORTHELLE BO	
PLANT CAMBRIDGE AND TO THE PROPERTY OF THE PRO	
NORTHFIELD THATEL DE CENTER MANGARET DE MANGARET DE MANGARET DE MANGARET DE	END WORK
WELCOME AIRPORT TWINSBURG	BEGIN WORK
L OCATION MAD	STA. 85+00

LOCATION MAP			
SCALE IN MILES	SUPPLEM	MENTAL	SPECIFIC
0 1/2 1 2	NUMBER	DATE	NUMBER
Portion to be improved			
State & Federal Routes			*: *
Other Roads			ADAC
SCALES 0 10 20			ñ
Plan			, cy
Profile: Horizontal Vertical			Z Z
Profile norizontal		 	

CONSTRUCTION

SUPPLEM	ENTAL	SPECIFICA	ATIONS
NUMBER	DATE	NUMBER	DATE
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		. Z	Ties.
		385	4

DRAWINGS

CONVENTIONAL	SIGNS
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Limited Access (only) Right of Way (only) — Limited Access & Right of Way—LA & RW— Corporation Line The Control of the Existing Right of Way——— Fence Line (existing)—x—x— (proposed)—x—x— Railroad ######### or ####### Guardrail (existing) _ _ _ _ _ (proposed) _ _ _ _ _ Trees \bigcirc , Stumps \nearrow , (to be removed) \boxtimes \nearrow Underground Utilities: Gas—G—,Water—W—, Utility Poles: Telephone σ , Power φ , Light ϕ Storm Sewer—S—, Sanitary Sewer—SAN—, Telephone — T — ,Electric — E —

INDEX OF SHEETS

TITLE SHEET	1
GENERAL NOTES	
GENERAL SUMMARY	
SIGNALIZATION PLAN	4
POLE ORIENTATION SCHE	DULE5

LINE DATA: HIGHLAND RD. - VALLEY VIEW RD. 200 L.F. OR 0.038 MILE WORK LIMITS:

HIGHLAND RD.

STA. 85+00 TO STA. 105+50 VALLEY VIEW RD.

STA. 1+00 TO STA. 19+00 TOTAL LENGTH OF WORK

2050 L.F. 1800 L.F. 3850 L.F. OR 0.729 MILE

UNDERGROUND 2 WORKING DAYS BEFORE YOU DIG
CALL...800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS
MUST BE CALLED DIRECTLY

UTILITIES

Cross Section:... Horizontal

SUPPLEMENTAL

RAWING	NO.	DATE	DRAWING 'NO.	DATE	DRAWING NO.	DATE	DRAWING NO.	DATE	DRAWING NO.	DATE
								i		
					HL - 20.11	5-1-87	T.C 21. 20	1-20-84	T.C81. 20	1-20-84
					HL - 30.11	5-1-87	T.C 32.11	3-21-79	T.C 82.10	8-29-84
					HL - 30.22	5-1-87	T.C 41.20	3-26-79	T.C83.10	1-20-84
					HL-60.11	5-1-87	T.C 41.40	6-18-79	T.C 83.20	1-20-84
					MT - 97.10	4-29-88	T.C 42.20	3-26-79	T.C 85.20	1-20-84
							T.C 52.10	4-3-79		
	-									
				 						

STANDARD

Vertical

OF

PRINTS

HES-1D310

SPECIFICATIONS 1989

The standard specifications of the State of Ohio, Department of Transportation, including changes and supplemental specifications listed in the proposal shall govern this improvement.

I hereby approve these plans and declare that the making of this improvement will not require the closing to traffic of the highway and that provisions for the maintenance and safety of traffic will be as set forth on the plans and estimates.

Approved July	Mes	Livin	ز
Date <u>/-/2-70</u> Mayor,	City of	Macedonio	ı

Approved					
	District	Deputy	Director	of	Transportation

Approved				
	_Deputy	Director	of	Operations

Approved	Date	Director, Department	of	Transportation	
	Approved			·	



DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR

DATE

SHEET TITLE

A.C.L form no. I

Project: Date of Letting

19 ,Contract No.

adache-ciuni-lynn

Consulting Engineers

Prepared By:

MAINTENANCE OF TRAFFIC SIGNAL/FLASHER INSTALLATIONS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC SIGNAL/FLASHER INSTALLATIONS WITHIN THE PROJECT UNDER THE FOLLOWING CONDITIONS:

- A.) EXISTING SIGNAL/FLASHER INSTALLATIONS WHICH THE PLANS REQUIRE THE CONTRACTOR TO ADJUST, MODIFY, ADD ONTO OR REMOVE, OR WHICH THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENTIRE INSTALLATION (AT AN INTERSECTION) FROM THE TIME HIS OPERATIONS FIRST DISTURB THE INSTALLATION UNTIL THE INSTALLATION HAS BEEN SUBSEQUENTLY REMOVED OR MODIFIED AND THE WORK IS ACCEPTED.
- B.) NEW OR REUSED SIGNAL/FLASHER INSTALLATIONS OR DEVICES, INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THESE FROM THE TIME OF INSTALLATION UNTIL THE WORK IS ACCEPTED.

THE CONTRACTOR SHALL CORRECT AS QUICKLY AS POSSIBLE ALL OUTAGES OR MALFUNCTIONS. HE SHALL PROVIDE THE CITY AND THE ENGINEER SUCH ADDRESSES AND PHONE NUMBERS WHERE HIS MAINTENANCE FORCES CAN BE CONTACTED. THE CONTRACTOR SHALL PROVIDE ONE OR MORE PERSONS TO RECEIVE ALL CALLS AND DISPATCH THE NECESSARY MAINTENANCE FORCES TO CORRECT OUTAGES. SUCH A PERSON OR PERSONS MAY BE USED TO PERFORM OTHER DUTIES AS LONG AS PROMPT ATTENTION IS GIVEN TO THESE CALLS AND A PERSON IS READILY AVAILABLE CONTINUOUSLY TWENTY-FOUR (24) HOURS A DAY, SEVEN (7) DAYS A WEEK. ALL LAMP OUTAGES, CABLE OUTAGES, ELECTRICAL FAILURES, EQUIPMENT MALFUNCTIONS AND MISALIGNED SIGNAL HEADS SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER WITH THE SIGNAL BACK IN SERVICE WITHIN FOUR (4) HOURS AFTER THE CONTRACTOR HAS BEEN NOTIFIED OF THE OUTAGE

IN THE EVENT NEW SIGNALS ARE DAMAGED PRIOR TO ACCEPTANCE ALL DAMAGED EQUIPMENT EXCEPT POLES AND CONTROL EQUIPMENT SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER WITH THE SIGNAL BACK IN SERVICE WITHIN EIGHT (8) HOURS AFTER THE CONTRACTOR'S NOTIFICATION OF THE OUTAGE

IF POLES AND/OR CONTROL EQUIPMENT ARE DAMAGED AND MUST BE REPLACED, THE CONTRACTOR SHALL MAKE TEMPORARY REPAIRS AS NECESSARY TO BRING THE SIGNAL BACK INTO FULL OPERATION WITHIN THE ALLOWED EIGHT (8) HOUR PERIOD, AND SHALL MAKE PERMANENT REPAIRS OR REPLACEMENT AS SOON THEREAFTER AS POSSIBLE.

NONE OF THE ABOVE SAHLL BE CONSTRUED AS COLLECTIVE OR CONSECUTIVE OUTAGE TIME PERIODS AT ANY ONE LOCATION. THAT IS, WHERE MORE THAN ONE OUTAGE OCCURS AT ANY ONE LOCATION, THEN THE ALLOTED TIME LIMIT SHALL BE FOR THE WORST SINGLE OUTAGE.

WHERE OUTAGES ARE THE DIRECT RESULT OF A VEHICLE ACCIDENT THE RESPONSE OF THE CONTRACOTR SHALL BE AS OUTLINED ABOVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COLLECTION OF ANY COMPENSATION FOR THIS WORK FROM THOSE PARTIES RESPONSIBLE FOR THE DAMAGE.

WHERE THE CONTRACTOR HAS FAILED TO OR CANNOT RESPOND TO AN OUTAGE OR SIGNAL EQUIPMENT MALFUNCTION, AT THESE LOCATIONS WITHIN HIS RESPONSIBLITY, WITHIN PERIODS AS SPECIFIED ABOVE, THE ENGINEER MAY INVOKE THE PROVISIONS OF SECTION 105.15 AND ANY SUBSEQUENT BILLINGS TO THE STATE OR THE CITY OF MACEDONIA FOR POLICE SERVICES AND MAINTENANCE SERVICES BY THE CITY FORCES SHALL BE DEDUCTED FROM MONIES DUE OR TO BECOME DUE TO THE CONTRACTOR IN ACCORDANCE WITH PROVISIONS OF SECTION 105.15.

THE CONTRACTOR SHALL PROVIDE THE MAINTENANCE SERVICE ENTIRELY WITH HIS FORCES OR HE MAY CHOOSE TO ENTER INTO A COOPERATIVE UNDERSTANDING WITH THE LOCAL MAINTAINING AGENCY TO PROVIDE THE MAINTENANCE. THE CONTRACTOR SHALL INFORM THE ENGINEER, IN WRITING, OF THE MAINTENANCE METHOD SELECTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY TRAFFIC SIGNAL COMPONENTS REQUIRED TO BE HANDLED DURING THE RELOCATION OF POLES AND REVISIONS TO THE SIGNAL SYSTEM.

GENERAL NOTES

WHEN A TRAFFIC SIGNAL MUST BE TAKEN OUT OF SERVICE BY THE CONTRACTOR, DUE TO CONSTRUCTION PROCEDURES, THIS OUTAGE SHALL NOT EXCEED TWO (2) HOURS AND SHALL NOT INCLUDE THE HOURS OF 6:30 A.M.. TO 9:30 A.M. AND 3:30 P.M. TO 6:30 P.M. ANY SIGNALIZED INTERSECTION, WHERE A SIGNAL IS OUT OF SERVICE DUE TO CONSTRUCTION PROCEDURES, OR DUE TO AN OUTAGE OR MALFUNCTION OF EQUIPMENT AS DESCRIBED ABOVE, SHALL BE PROTECTED, BY THE CONTRACTOR, BY THE INSTALLATION OF TEMPORARY "STOP" SIGNS. EXCEPT FOR THE FOLLOWING INTERSECTION WHICH SHALL BE PROTECTED BY OFF-DUTY CITY OF MACEDONIA POLICE, HIRED BY THE CONTRACTOR:

1. HIGHLAND ROAD AND VALLEY VIEW ROAD

ANY VEHICULAR TRAFFIC SIGNAL HEAD, EITHER NEW OR EXISTING WHICH WILL BE OUT OF OPERATION SHALL BE COVERED IN THE MANNER DESCRIBED IN 632.24.

ALL COSTS RESULTING FROM THE ABOVE REQUIREMENTS SHALL BE CONSIDERED TO BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

MAINTENANCE OF TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TWO WAY TRAFFIC AT ALL TIMES ON BOTH HIGHLAND ROAD AND VALLEY VIEW ROAD. TWO WAY TRAFFIC SHALL BE MAINTAINED ON ONE LANE WITH THE AID OF FLAGGERS WHEN WORK RESTRICTS TRAFFIC TO ONE LANE. SEE STANDARD CONSTRUCTION DRAWING MT-97.10, "FLAGGERS CLOSING ONE LANE OF A TWO LANE HIGHWAY, STATIONARY OPERATION"

*ITEM 632 REMOVAL OF TRAFFIC SIGNAL INSTALLATION

TRAFFIC SIGNAL INSTALLATIONS, INCLUDING SIGNAL HEADS, SIGNAL CABLE, POWER CABLE, MESSENGER WIRE, STRAIN POLE, CABINET, CONTROLLER, ETC., SHALL BE REMOVED IN ACCORDANCE WITH 632.25. REMOVED ITEMS SHALL BE STORED ON THE PROJECT FOR SALVAGE BY THE CITY OF MACEDONIA IN ACCORDANCE WITH THE LISTING GIVEN HEREIN. ITEMS TO BE STORED:

VEHICULAR SIGNAL HEADS, STRAIN POLE, CABINET AND CONTROLLER

CONTRACTOR SHALL NOTIFY CITY OF MACEDONIA SERVICE DEPARTMENT WHEN ITEMS TO BE SALVAGED ARE AVILABLE FOR PICK-UP.

TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS ______

REFERENCES TO SUPPLEMENTAL SPECIFICATIONS 857, 858, 861, 957, 958 AND 961 ON THE TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS IN THESE PLANS SHALL BE CONSIDERED TO READ AS RESPECTIVE REFERENCES TO ITEMS 630, 631, 633, 730, 731 AND 733.

REFERENCES TO ITEM 608, 4" CONCRETE WALK ON THE TRAFFIC CONTROL STANDARD CONSTRUCTION DRAWINGS IN THESE PLANS SHALL BE CONSIDERED TO READ ITEM 633, CONTROLLER WORK PAD REFERENCES TO STANDARD CONSTRUCTION DRAWING HL-2 SHALL BE CONSIDERED TO READ AS REFERENCES TO STANDARD CONSTRUCTION DRAWING HL-10.12.

POWER SUPPLY FOR TRAFFIC SIGNALS

ELECTRIC POWER SHALL BE OBTAINED FROM THE OHIO EDISON CO. AT THE LOCATION INDICATED ON THE PLANS. POWER SUPPLIED SHALL BE 120 VOLTS.

UNDERDRAINS FOR PULL BOXES

REFERENCE IS MADE TO STANDARD DRAWING HL-30.11 FOR DETAILS OF DRAINING PULL BOXES. UNDERDRAINS FOR PULL BOXES SHALL BE USED AS DIRECTED BY THE ENGINEER AND SHALL BE PROVIDED WHERE THE LENGTH REQUIRED FOR A SATISFACTORY OUTLET DOES NOT EXCEED APPROXIMATELY 20 FEET. AN ESTIMATED QUANTITY OF "100 LINEAR FEET OF ITEM 603, 4" CONDUIT TYPE E" IS INCLUDED IN THE TRAFFIC CONTROL GENERAL SUMMARY FOR THIS PURPOSE.

LEGEND FOR SIGNS, SIGNALS AND SUPPORTS SIGNS

NEW EXISTING TO BE REMOVED

HES-10310

OVERHEAD SUPPORTS

CANTILEVER

SPAN WIRE

SINGLE

NEW

SUMMIT COUNTY

SUM- HIGHLAND ROAD REGION

EXISTING

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OHIO

F.H.W.A.

FEDERAL

PROJECT

5

GROUND MOUNTED SUPPORTS

SIGNAL HEAD, STD. I-WAY

CONDUIT PULL BOX CONTROLLER CABINET LOOP DETECTORS

2" C

UNDERGROUND UTILITIES

* EXISTING TRAFFIC SIGNAL

INSTALLATION TO BE REMOVED:

2-VEHICULAR SIGNAL HEADS,

POWER CABLE, CONTROLLER

(FLASHER TYPE), RISERS AND

MESSENGER WIRE, SIGNAL CABLE,

I-VEHICULAR SIGNAL HEAD.

I SECTION, 8" LENS, 4-WAY

I SECTION, 8"LENS, 2 WAY

STRAIN POLE.

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SECTION 153.64 ORC.

UTILITY OWNERSHIP

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT:

TELEPHONE

WESTERN RESERVE TELEPHONE 245 NORTH MAIN STREET HUDSON, OHIO 44236 (216) 650-8000

ELECTRIC: OHIO EDISON CO. BUILDING ONE 76 SOUTH MAIN STREET AKRON, OHIO 44308 (216) 384-4702

> CITY OF CLEVELAND DEPARTMENT OF PUBLIC UTILITIES DIVISION OF WATER AND HEAT 1201 LAKESIDE AVENUE CLEVELAND, OHIO

(216) 271-4264

SUMMIT COUNTY, DEPT. OF SANITARY SEWER:

ENVIRONMENTAL SERVICES 27 N. MAIN ST AKRON, OHIO 44308 ATTN: MR. FRED MERCHANT (216) 379-2445

NATURAL GAS: EAST OHIO GAS COMPANY 1201 EAST 55TH STREET CLEVELAND, OHIO 44103 (216) 432-6803

CABLE TELEVISION: WESTERN RESERVE CABLEVISION P.O. BOX 151 885 EAST HIGHLAND ROAD MACEDONIA, OHIO 44056 (216) 468-0307

UNDERGROUND UTILITIES 2 WORKING DAYS BEFORE YOU DIG CALL....800-362-2764 (TOLL FREE) OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS MUST BE CALLED DIRECTLY

632 VEHICULAR SIGNAL HEAD, 3 SECTION, 12 LENS, AS PER PLAN

SECTION 732.01 OF THE SPECIFICATIONS IS MODIFIED FOR THIS PROJECT AS FOLLOWS:

- A.) SIGNAL HEADS AND VISORS SHALL BE CONSTRUCTED OF POLYCARBONATE PLASTIC AND MEET ITE SPECIFICATIONS.
- B.) PLASTIC LENSES SHALL BE USED.
- C.) PIPE, SPACERS, AND FITTINGS CONSTRUCTED OF POLYCARBONATE PLASTIC MAY BE USED IN LIEU OF GALVANIZED STEEL OR ALUMINUM.
- D.) PROPER EXTERIOR COLORS SHALL BE OBTAINED BY USE OF COLORED PLASTIC MATERIAL RATHER THAN PAINTING.
- E.) SIGNAL HEADS TO BE RIGIDLY MOUNTED TO THE MAST ARM.

CALC. J.A.A.
DATE 8/89 SUMMIT COUNTY

CHKD. R.W.R.
DATE 8/89 SUM - HIGHLAND ROAD REGION 5 HES-ID310

SIGNING	SHR	SUMMARY
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				0101		<u> </u>	001111					 		·	4	
			ITEM			6.	30		625	6	31	632	631		632	
LOCATION	SIDE	CODE	SIZE	SIGN FLAT SHEET	SIGN	SIGN SUPPORT ASSEM. POLE MOUNTED	SIGN	OF POST SUPPORT	ROD	SIGN WIRED	S I G N SERVICE	DISCONNECT SWITCH WITH ENCLOSURE	LIGHT	CLASS	PEDESTAL POLE, 12' W ALUMINUM TRANSFOR MER BASE	ANCHOR BASE FDN.
				SQ. FT.	LIN. FT.	EACH	EACH -	EACH '	EACH	EACH	EACH	EACH	EACH	EACH	EACH	CU.YD.
HIGHLAND ROAD															ļ	
86+00	RT.	W- 47-34	36×36	9.0	15.0					· . • .					ļ	
91+75 + 95+35	RT.		ų.			· s	3	2							ļ	
96+20, 99+75,4100+75	LT.						4	3								
105+50	LT.	W-47-36	36×36	9.0		/			/	/	/	/	/			0.45
				• .			2, 4									
VALLEY VIEW ROAD															· · · · · ·	
1+00	17.	W-47-36	36×36	9.0	15.0	·				•			ļ			
1+00	RT.	W-47-36			15.0											
5+50	RT.	***					1	/		•						
19+00	LT.	W- 47-36	36×36	9.0	15.0							·				
19+00	RT.	W-47-36	36×36	9.0	15.0											
14+50	LT.						2_	1								
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																0.10
TOTAL				54.0	15.0	/	10	7	/	/ /	/	/	/			0.45

GENERAL SUMMARY

X-REI SHT.	DESCRIPTION	UNIT	GRAND TOTAL	EXTENSION	ITEM	4	NUMBER 3	2
								_
	A" CONDUIT, TYPE E'	LIN.FT.	100	·	603			100
		LIN.FT.	75		621		05	
							75	
		LIN.FT.	1430		625	1430		
	TRENCH, IN PAVED AREA, TYPE A PULLBOX, 1/3.09, 18 INCH	LIN.FT. EACH	116		625	116		
	GROUND ROD	EACH	5		625	4	1	
	CONDUIT. 7/3.04. 2 INCH	LIN.FT.	1444		625	1444		
		LIN.FT.	116		625	116		
3 POST	GROUND MOUNTED SUPPORTS, No. 31	LIN.FT.	15		630		75	
	SIGNS, FLAT SHEET	5Q. FT.	54		630		54	
WIED	SIGN SUPPORT ASSEMBLY POLE MOUN	EACH	1		630		1	
	RENOVAL OF GROUND MOUNTED SIGN AND STORAGE	EACH	10		630	<u> </u>	10	
SUPPORT	REMOVAL OF GROUND MOUNTED POST SE	EACH	7		630		7	
	· AND DISPOSAL							-
	SIGN SERVICE	EACH	/		631	,	/	·
	SIGNS WIRED	EACH			631		/	
1011 1101	ALON FLORUSE OFFICE ALCOHOLD I SOC CIO	50011					, , ,	
IGN LIGH	SIGN FLASHER ASSEMBLY LESS SIGN	EACH			631		/	<u>}</u>
	VEHICULAR SIGNAL HEAD, 3-SECTION, 12 INCH LENS, ONE-WAY AS PER PLAN	EACH	8	·	632	8		
	LOOP DETECTOR UNIT	EACH	8		632	8	6	
		LIN.FT.	540		632	540		
NOATION	CONCRETE FOR ANCHOR BASE FOUND	EU.YD.	6.37		632	5.92	0.45	
0, 5	SIGNAL SUPPORT, TYPE TC-81.20,	EACH	/		632	/		
	DESIGN 1, 19 FOOT POLE, 25 FOOT ARM, A SIGNAL SUPPORT, TYPE TC-81.20	EACH	3		632	3		
AS PER PLI	DESIGN 1,21 FOOT POLE,25 FOOT ARM, AS							
PUFR RA	WOOD POLE, CLASS IX 30 FEET PEDESTAL, 12 FEET, ALUMINUM TRANSFORK	EACH	/		632		/	
7.4.27. 27.5	CABLE SUPPORT ASSEMBLY	EACH	4.	<u> </u>	632	4	/	· · · · · · · · · · · · · · · · · · ·
AWG.	SIGNAL CABLE 5 CONDUCTOR. NO. 14 A	IN. FT.	880		632	880		
PAWG.	POWER CABLE, 3 CONDUCTOR, No. 8 A		30		632	30		
25/185	POWER SERVICE DISCONNECT SWITCH WITH ENCLOS	EACH			632	/		
754.60		EACH LIN.FT.	1350		632 632	1350	. /	
		LIN.FT.	2320		632	2320		
IEAD	COVERING OF VEHICULAR SIGNAL HE	EACH	8		632	8		
LATION	REMOVAL OF TRAFFIC SIGNAL INSTALLA	EACH			632	1		
PECAND	CONTROLLER, ACTUATED 2 PHASE	EACH	/		633	/		
VEDOUT	SOLID STATE DIGITAL MICROPROCE RELAY CALLING	EACH	2	1	633	2	·	
	CONTROLLER WORK PAD	SQ. FT.	20		633	20	-	
					300	70		
	MAINTAINING TRAFFIC		LUMP		614			
	CONSTRUCTION LAYOUT STAKES		LUMP		623			
	MOBILIZATION		LUMP		624		-	
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PAVEMENT MARKING SUB-SUMMARY-621

	•	1		1	
A	LOCATION	STOP LINE			
	• •				
		LIN. FT.			
	HIGHLAND RD.		:		
·	95+ 35	15	;	·	
	HIGHLAND RD. 95+ 35 96+20	12			
	VALLEY VIEW RD.				
	9+50	25			
•	VALLEY VIEW RD. 9+50 10+45	25			
	TOTAL	75			
	70.1112				
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