



ADDENDUM NO. 1

TO: Interested Parties

FROM: Michael Armel
Project Manager

DATE: **Friday, November 4, 2022**

RE: **Intersection Signal & Sidewalk Improvements
Stotler Road & Halfway Boulevard
Washington County Contract Number: TS-SH-045-16**

Acknowledge receipt of this **Addendum No. 1** by signing in the space provided below and returning with your Bid.

Failure to sign and return with your Bid may subject the Bidder to disqualification. This **Addendum No. 1** forms a part of the Bid Documents, it supplements and modifies them as outlined herein.

This **Addendum No. 1** consists of **16 pages**, including this page and attachments.

I hereby acknowledge receipt of **Addendum No. 1**:

By: _____ Date _____
Signed Name

Typed Name

Title

For: _____
Firm

ADDENDUM NO. 1

INTERSECTION SIGNAL & SIDEWALK IMPROVEMENTS
STOTLER ROAD & HALFWAY BOULEVARD
Washington County Contract Number: TS-SH-045-16

Date Issued: **NOVEMBER 4, 2022**

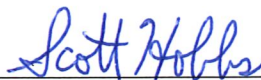
Bids Due: **Wednesday, November 9, 2022**
2:00 p.m. Local Time

The following addendum material is hereby made a part of the Bid Documents. Please note the following changes, information, and/or instructions in connection with the proposed work and submit proposals accordingly.



Michael Armel, Project Manager
Washington County Division of Engineering

By Authority of:
Board of County Commissioners
Washington County, Maryland



Scott Hobbs, P.E.
Director, Division of Engineering

ADDENDUM NO. 1

INTERSECTION SIGNAL & SIDEWALK IMPROVEMENTS STOTLER ROAD & HALFWAY BOULEVARD Washington County Contract Number: TS-SH-045-16

TO: All prime Contractors and all others to whom specifications have been issued.

ITEM 1.01 **QUESTIONS THAT WERE SUBMITTED BY FRIDAY OCTOBER 28, 2022 (4:00 PM Local Time)** shall be incorporated into the Bid Documents.

Note: The wording of all inquiries submitted is displayed exactly as received.

- Q.1: Drawing sheet 20 proposes trenched conduits across Halfway Blvd and Stotler Road. Should there be a bid item generator for these conduits to be slotted with conduits placed on top each other with concrete backfill? If trenched conduits are required under travel lanes, please provide a detail of this method, and required backfill.
- R.1: Item 8004 has been altered from Trenched to Slotted and Item 8035 – (2) 4 Inch Schedule 80 Rigid PVC Conduit has been added to allow for conduits to be slotted within the travel lanes.**
- Q.2: Drawing sheet 20 proposes 1-4” conduit trenched between new electric power pedestal and existing Power Company equipment on Halfway Blvd. Can you confirm Power Company standard is a 4” or 3” conduit?
- R.2: Potomac Edison has confirmed that they prefer a 3” conduit. Sheet 20 has been revised accordingly and Item 8034 -(1) 3 Inch Schedule 80 Rigid PVC Conduit – Trenched has been added.**
- Q.3: Drawing sheet 20 also proposes 1-2” conduit running between electric power pedestal and Power Company equipment on Halfway Blvd. Where is this 2” conduit to terminate?
- R.3: The 2” conduit between the power supply and the meter pedestal has been removed per Potomac Edison.**
- Q.4: Please clarify item 8009 Telephone Service- Communicate Cable. Drawing appears to have this installed between new electric service pedestal and existing handhole. Is this to be an empty conduit if so, what size or is it to be direct bury cable? If a cable, please provide a specification on cable and where it is to terminate?
- R.4: Remove Item 8009 Telephone Service – Communication Cable. Sheet 20 has been revised.**
- Q.5: Please confirm that item 8032 ped pole is to have a breakaway T-base or breakaway couplings.
- R.5: The 10 foot pedestal pole is to use breakaway couplings as shown on MD Standard details 801.01-01 and 818.16-01.**

ADDENDUM NO. 1

INTERSECTION SIGNAL & SIDEWALK IMPROVEMENTS
STOTLER ROAD & HALFWAY BOULEVARD
Washington County Contract Number: TS-SH-045-16

ITEM 1.02 **REVISIONS TO SHEETS IN BID DOCUMENT AND CONTRACT PLAN DRAWINGS** shall be incorporated into the Bid Documents. Replace the following sheets in Bid Document and Construction Drawings:

In Bid Document, replace sheets:

SP-2 with SP-2R
SP-49 with SP-49R
SP-55 with SP-55R
BF-22 with BF-22R
BF-23 with BF-23R
BF-26 with BF-26R

Construction Drawings:

Replace Sheet 20 of 48 with 20R of 48

ITEM 1.03 **PRE-BID TELE-CONFERENCE HELD ON THURSDAY, OCTOBER 20, 2022 AT 2:30 P.M., LOCAL TIME:**

Pre-Bid Tele-Conference Meeting Minutes (**Attachment A**) and Attendance Sheet (**Attachment B**) shall be incorporated into the Contract Documents.

Summary of Attachments:

Attachment A: PreBid Tele-Conference Meeting Minutes (four pages)

Attachment B: PreBid Tele-Conference Attendance Sheet (one page)

Attachment C: Revised sheets in bid document and contract plan drawings (seven pages).

END OF ADDENDUM NO. 1



Washington County

M A R Y L A N D

DIVISION OF ENGINEERING

ADDENDUM NO. 1

ATTACHMENT "A"

INTERSECTION SIGNAL & SIDEWALK IMPROVEMENTS

STOTLER ROAD & HALFWAY BOULEVARD

Washington County Contract No. TS-SH-045-16; Project No. 16-045

RECORD OF PRE-BID TELECONFERENCE (VIRTUAL)

Thursday, October 20, 2022; 2:30 p.m., Local Time

MEETING LOCATION: VIA TELECONFERENCE / VIRTUAL MEANS, FROM:
Washington County Administrative Annex Building
747 Northern Avenue, Hagerstown, MD 21740

PRE-BID CONFERENCE AGENDA

- PB1. Welcome & Introductions**
- PB2. Project Overview**
- PB3. Project Classification**
- PB4. Invitation to Bid, Time of Completion & Liquidated Damages**
- PB5. Contract Provisions**
- PB6. Bid Due Date & Location**
- PB7. Preparation of Bid, Bid Forms, Bid Security**
- PB8. Addenda and Interpretations**
 - Email: ECBidQuestions@washco-md.net
 - Fax no.: (240) 313-2401
- PB9. Questions (submit 'in writing')**
- PB10. Project Site Meetings**
- PB11. Meeting Adjournment**

80 West Baltimore Street | Hagerstown, MD 21740-6003 | P: 240.313.2460 | TDD: 711

WWW.WASHCO-MD.NET

PRE-BID CONFERENCE RECORD

PB1. WELCOME & INTRODUCTIONS:

On behalf of the Board of County Commissioners of Washington County and its Division of Engineering and its Division of Construction, a welcome and a thank you for the interest shown in this project was extended to all in attendance.

Introductions of all persons in attendance were made. See 'sign-in' sheet (Attachment B).

- Washington County Project Team Members include:

Scott Hobbs, P.E., Director of Engineering

Rich Eichelberger, Director of Construction

Pam Mohn, P.E., Chief of Design

Blair Reynolds, Chief Project Manager, Division of Engineering

Michael (Mike) Armel, Project Manager, Division of Engineering

Greg Jones, Engineering Technician / CADD, Division of Engineering

Monica Lindsay, Administrative Assistant, Division of Engineering

- The pre-bid conference is provided as a courtesy to assist potential bidders with becoming familiar with the project. A record of today's conference will be issued to plan holders via addendum. All of the project addenda as well as the Bid Documents shall serve as the basis for the construction contract.
- For further information, please refer to the Washington County website: www.washco-md.net, and click on "Engineering Bid Invitations" or contact the Division of Engineering, County Project Manager, **Michael Armel at telephone 240-313-2460 (Mobile: 240.675.0130)**.

PB2. PROJECT OVERVIEW:

- Reference the "The Project" section of Bid Document for a description of the project.
- This is a locally funded project.
- The project will include, but may not be limited to:
 - the installation of a new traffic signal and associated equipment;
 - pervious concrete sidewalk,
 - mechanically stabilized earth slope,
 - signs,
 - mill and overlay paving work, and
 - pavement markings
 - Related demolition and repairs.

PB2. PROJECT OVERVIEW (continued):

Key Dates

Advertisement October 11, 2022

Pre Bid TeleConference October 20, 2022 2:30 pm

Questions Due October 28, 2022 4:00 pm In writing, faxed 240.313.2401
Email – ECBidQuestions@washco-md.net

Bids Due **Wednesday, November 9, 2022 at 2:00 p.m., local time**

PB3. PROJECT CLASSIFICATION:

- The project classification is Cost Group Letter Class "D", up to \$1,000,001 to \$2,500,000 in accordance with MDOT SHA Project Classification. (page ITB-3)

PB4. INVITATION TO BID, TIME OF COMPLETION & LIQUIDATED DAMAGES:

- This is a 275 consecutive calendar day contract; (ITB 1.10)
- Liquidated Damages are in the amount of **\$250.00** for each consecutive calendar days. (ITB 1.10)
- Bids are irrevocable and may not be withdrawn 120 calendar days following Bid Opening. (ITB 1.04)

PB5. CONTRACT PROVISIONS:

- *Reference also the "General Conditions", "Special Provisions", Contract Forms, et.al. sections of the Bid Document for additional information.*
- The Contract Documents do not contain:
 - Davis-Bacon Wage Rates
 - MBE / DBE participation percentage (page ITB-4)
- Comply with requirements of the Building Permit / Fire Marshal requirements/comments.

PB6. BID DUE DATE & LOCATION:

- Sealed Bids with proper designation are due by 2:00 pm, Wednesday, November 9, 2022 at the Division of Engineering, County Administrative Annex Building, 747 Northern Avenue, Hagerstown, Maryland 21742.
- *Those bidders who wish to hear a reading of the bids shall call 240-313-2460 to receive instructions prior to the bid opening. (page ITB-3).*

PB7. PREPARATION OF BID, BID FORMS, BID SECURITY:

- *The separate set of blank bid forms included with the bid documents shall be used in submitting contractor bids. (ITB 1.03)*
- *A bid security in the amount of 5% of the total bid price made payable to the Board of County Commissioners of Washington County, Maryland shall accompany each submitted bid. (ITB-1.05)*

PB8. ADDENDA AND INTERPRETATIONS (ITB 1.11):

- Submit additional bid inquiries in writing by 4:00 p.m. on Friday, October 28, 2022 for delivery to the Division of Engineering, County Administrative Annex Building, 747 Northern Avenue, Hagerstown, Maryland 21742,
- or via email to ECBidQuestions@washco-md.net; or faxed to (240) 313-2401.
- Addenda will be issued to all plan holders via email and will also be uploaded to eMaryland Marketplace. Addenda will include minutes from today's pre-bid conference.
- **Email:** ECBidQuestions@washco-md.net
- **Fax no.:** (240) 313-2401

PB9. DISCUSSIONS FROM QUESTIONS AT PRE-BID MEETING & RESPONSES (at meeting and subsequently) (bidders to submit questions in writing also)

See the questions portion of this Addendum.

Regardless of discussion at this pre-bid conference, submission of any question posed at this pre-bid conference is required; submit as indicated in PB8 above.



**INTERSECTION SIGNAL & SIDEWALK IMPROVEMENTS
STOTLER ROAD & HALFWAY BOULEVARD Washington
County Contract Number: TS-SH-045-16**

Addendum No. 1 - Attachment B

Pre-Bid Teleconference – October 20, 2022, 2:30 P.M.

Attendance Sheet

<u>Name</u>	<u>Organization</u>
Michael Armel	Washington County, Division of Engineering
Pamela Mohn	Washington County, Division of Engineering
Greg Jones	Washington County, Division of Engineering
Joe Metcalf	Valentine Electric

Addendum No. 1 - Attachment C

SPECIAL PROVISIONS

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- Item No. 8003 - (1) 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED**
Item No. 8004 - (1) 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
Item No. 8005 - (2) 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
Item No. 8009 - (2) 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED
Item No. 8034 - (1) 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED

.01 DESCRIPTION: Furnish and install electrical conduit and fittings.

.02 MATERIALS:

Portland Cement Concrete	902.10, Mix No. 6
Metallic Conduit and Fittings	921.07.01
Nonmetallic Conduit and Fittings	921.07.02
Flexible Conduit and Fittings	921.07.02
PVC Coated Metallic Conduit and Fittings	921.07.03

.03 CONSTRUCTION:

A. Bends. Unless otherwise specified, use manufactured bends or field bends to make changes in direction. Maintain an 18 in. trade radius.

B. Connections. Make conduit runs with as few couplings as standard length will permit. Rigid steel conduit connections shall be threaded. Paint field cut threads of galvanized conduit with approved galvanizing repair paint prior to assembly. Connect nonmetallic conduit using a solvent welding process. Use watertight cast ferrous compression type fittings for electrical metallic tubing (EMT).

C. Conduit Terminations. Use pull boxes or conduit bodies at conduit terminations. Conduits terminating in cast iron junction boxes shall be threaded into hubs, with bonding screws furnished and installed on the interior of the box. Conduits terminating in junction boxes without hubs shall be secured with two lock nuts with an insulated grounding bushing installed. Conduits terminating at concrete foundations, manholes, or hand holes shall be secured as specified in the Contract Documents. Cap all ends of unused conduit.

D. Cleaning and Capping. Prior to installing conductors, remove all obstructions and debris by pulling a mandrel type device through each conduit run and all fittings in the presence of the Engineer. Cap conduit ends by using a manufactured cap or plug. Prior to the installation of wiring, remove manufactured caps or plugs and install an insulated bonding bushing on galvanized rigid conduit; install bell end fittings on PVC conduit.

E. Pull Wire. Install a pull wire or cord in all conduits left empty. Pull wire and cord shall be corrosion resistant material with a breaking strength of at least 200 lb.

F. Exposed Conduit. Exposed conduit runs shall be parallel or at right angles to walls, slabs, girders, etc. Locate conduit to minimize accumulation of dirt and to provide accessibility for painting. Attach conduit to steel, concrete, masonry, or timber using straps, clamps, or hangers of an approved type made of stainless steel or galvanized malleable iron. Space the attachments as specified. When specified, paint all exposed rigid steel conduit surfaces to match the color of adjacent

responsibility of the Administration.

Item No. 8008 - ELECTRICAL SERVICE CABLE – 3 WIRE – 1 CONDUCTOR (4 AWG)

Item No. 8009 - TELEPHONE SERVICE – COMMUNICATION CABLE REMOVED

Item No. 8010 - ELECTRICAL CABLE - 3 CONDUCTOR (12 AWG)

Item No. 8011 - ELECTRICAL CABLE - 2 CONDUCTOR (14 AWG)

Item No. 8012 - ELECTRICAL CABLE - 5 CONDUCTOR (14 AWG)

Item No. 8013 - ELECTRICAL CABLE - 7 CONDUCTOR (14 AWG)

Item No. 8014 - STRANDED BARE COPPER GROUND WIRE (6 AWG)

.01 DESCRIPTION: This work shall consist of furnishing and installing electrical cable, wire, micro-loop probe sets, and associated connectors of the type and at the locations specified in the Contract Documents or as directed by the Engineer.

.02 MATERIALS:

Concrete	Section 902.10
Metallic Conduit and Fittings	Section 921.07.01
Nonmetallic Conduit and Fittings	Section 921.07.02
Flexible Conduit and Fittings	Section 921.07.02
PVC Coated Metallic Conduit and Fittings	Section 921.07.03

.03 CONSTRUCTION:

The Contractor shall furnish and install copper conductor wire and cable of the types and sizes and at the locations specified in the Contract Documents. No splicing will be permitted for cables unless specified in the Contract Documents. When specified, lighting cable splices and loop detector lead in cable will be permitted only in junction and pull boxes and hand holes. Cable shall not be installed until the entire related raceway, including manhole, hand hole, and foundation system is in place. A 6 ft cable slack shall be provided neatly tied, coiled and positioned in the bottom of the hand holes, manholes, and cabinets. Drip loops measuring 8 in. shall be provided at all overhead entrance points into structures. Insulated spade type terminal ends shall be installed upon all wiring placed on terminal blocks.

Cable in Conduits. Cable in conduits shall be installed in a manner and by methods to prevent harmful stretching of the conductor, injury to the insulation, or damage to the other protective covering. The ends of all cables shall be sealed until ready for connection. Where more than one wire or cable is to be installed in a single duct or conduit, they shall be pulled into the conduits by hand or power winch with the use of cable grips or pulling eyes. Pulling tension shall be governed by recommended standard procedures for straight pulls or bends. A lubricant compatible with the cable insulation shall be used.

Preassembled Cable Duct. Prior to installation, the cable duct shall be payed out from its reel as the reel is moved alongside and parallel to the trench. Cable duct shall not be pulled off a reel located in a stationary position. The cable shall be installed using cable grip in a manner that will not stress or damage conductors, insulation, or sheath wall. After

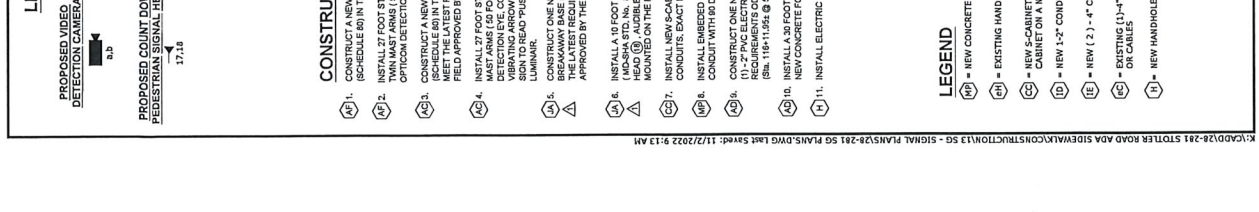
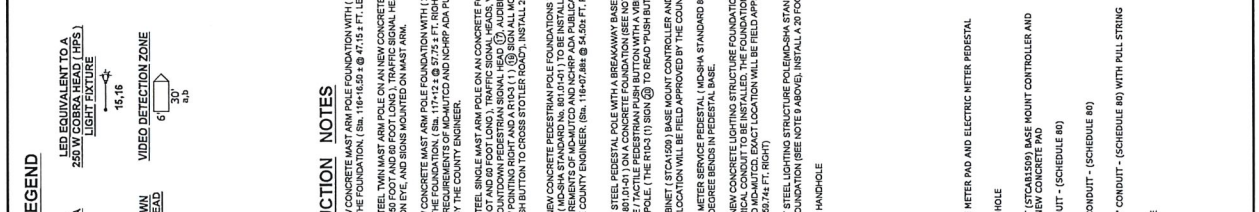
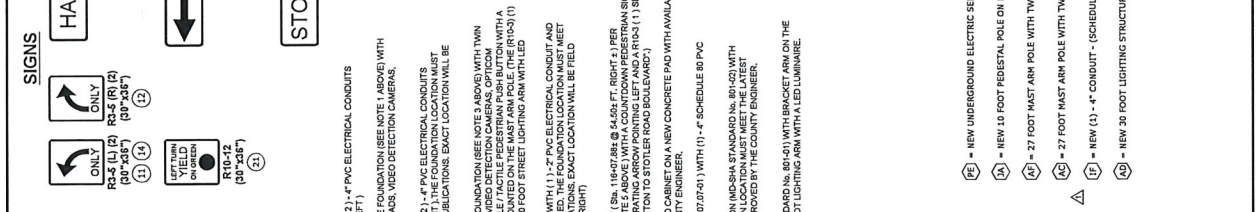
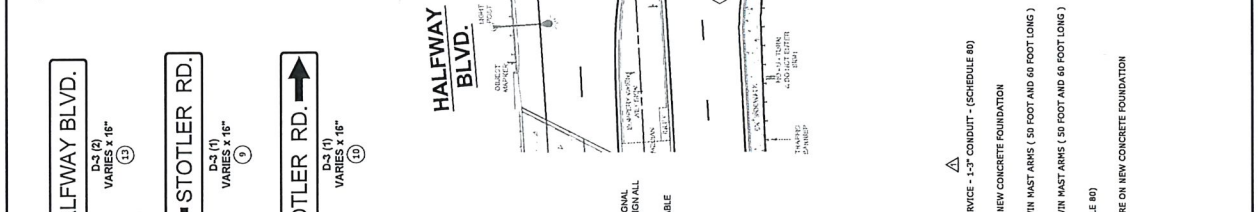
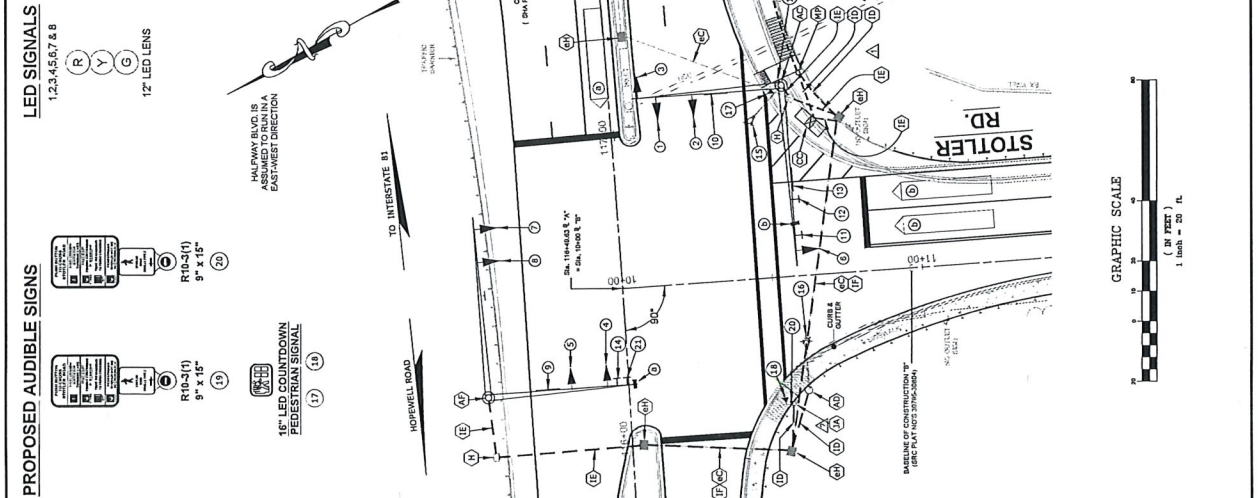
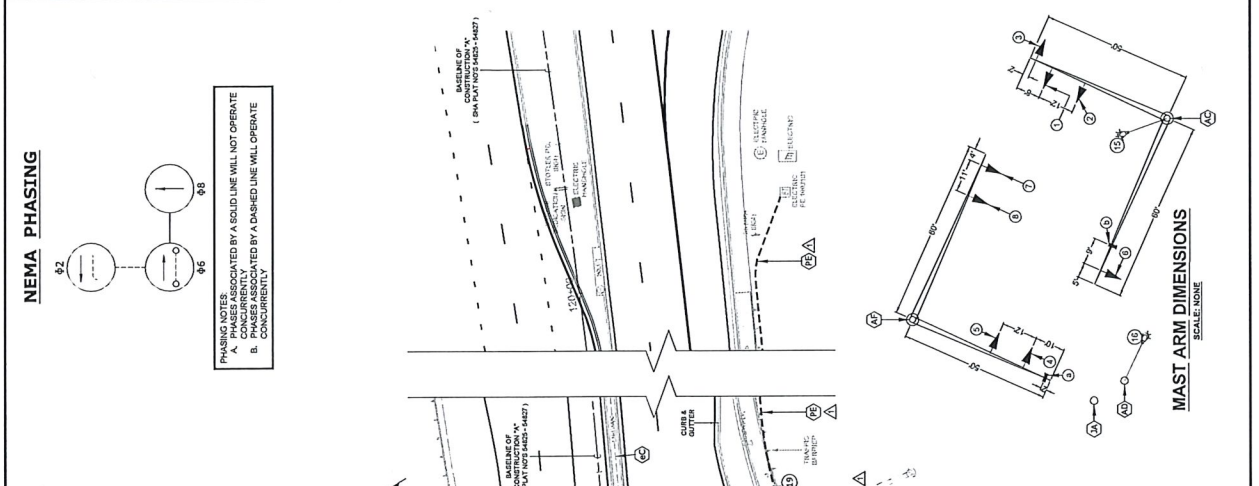
BID FORMS INT. SIGNAL & SW. IMPROVEMENTS STOTLER RD. & HALFWAY BLVD. CONTRACT NO. TS-SH-045-16 PROJECT NO. 16-045

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE		ITEM TOTAL
8001		18	C.Y.	CONCRETE FOR FOUNDATIONS AND CABINET PAD	—	—	—
8002		6	EA.	GROUND ROD – 3/4 INCH DIAMETER X 10 FOOT LENGTH	—	—	—
8003		80	L.F.	(1) 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	—	—	—
8004		165	L.F.	(1) 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED	—	—	—
8005		55	L.F.	(2) 4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	—	—	—
8006		2	EA.	LED LAMP AND LUMINARE	—	—	—
8007		1	EA.	EMBEDDED METERED SERVICE PEDESTAL	—	—	—
8008		350	L.F.	ELECTRICAL SERVICE CABLE – 3 WIRE – 1 CONDUCTOR (4 AWG)	—	—	—
Category <u>8000</u> Contract No. TS-SH-045-16					Total This Sheet		—

BID FORMS INT. SIGNAL & SW. IMPROVEMENTS STOTLER RD. & HALFWAY BLVD. CONTRACT NO. TS-SH-045-16 PROJECT NO. 16-045

ITEM	CODE	QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE	ITEM TOTAL
8009				TELEPHONE SERVICE - COMMUNICATION CABLE ITEM REMOVED		
8009		50		(2) 4 INCH SCHEDULE 80 RIGID PVC CONDUIT -- SLOTTED		
8010		325	L.F.	ELECTRICAL CABLE - 3 CONDUCTOR (12 AWG)		
8011		240	L.F.	ELECTRICAL CABLE - 2 CONDUCTOR (14 AWG)		
8012		235	L.F.	ELECTRICAL CABLE - 5 CONDUCTOR (14 AWG)		
8013		1,840	L.F.	ELECTRICAL CABLE - 7 CONDUCTOR (14 AWG)		
8014		1,100	L.F.	STRANDED BARE COPPER GROUND WIRE (6 AWG)		
8015		1	EA.	ELECTRICAL HANDHOLE		
Category 8000 Contract No. TS-SH-045-16					Total This Sheet	

ITEM	CODE	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
8016		50	L.F.	WOOD SIGN SUPPORTS 4 INCH X 6 INCH	---	---
8033		235	S.F.	REMOVE AND RELOCATE EXISTING SIGNS AND SIGN STRUCTURES	---	---
8034		320	L.F.	(1) 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	---	---
End Category 8000 Contract No. TS-SH-045-16				Total This Sheet		---



LED SIGNALS
1, 2, 3, 4, 5, 6, 7 & 8
12" LED LENS

PROPOSED AUDIBLE SIGNALS
R10-3(1) 9' x 15"
R10-3(2) 9' x 15"

SIGNALS
HALFWAY BLVD. D-3 (2) VARIES x 16"
STOTLER RD. D-3 (1) VARIES x 16"
STOTLER RD. D-3 (1) VARIES x 16"

LEGEND
PROPOSED VIDEO DETECTION CAMERA
LED EQUIVALENT TO A LIGHT FIXTURE
250 W COBRA HEAD (HPS)
15.16
6
3.0
VIDEO DETECTION ZONE
PROPOSED COUNT DOWN PEDESTRIAN SIGNAL HEAD
17.18

PHASING NOTES:
A. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
B. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

CONSTRUCTION NOTES
1. CONSTRUCT A NEW CONCRETE MAST ARM POLE FOUNDATION WITH (2) - 4" PVC ELECTRICAL CONDUITS (SCHEDULE 80) IN THE FOUNDATION. (Sls. 116-16.59 & 47.15 FT. LEFT)
2. INSTALL 27 FOOT STEEL TWIN MAST ARM POLE ON A NEW CONCRETE FOUNDATION (SEE NOTE 1 ABOVE) WITH (2) - 4" PVC ELECTRICAL CONDUITS. (Sls. 116-16.59 & 47.15 FT. LEFT). HEADS, VIDEO DETECTION CAMERAS, OPTICAL DETECTION EYE, AND SIGNALS MOUNTED ON MAST ARM.
3. CONSTRUCT A NEW CONCRETE MAST ARM POLE FOUNDATION WITH (1) - 4" PVC ELECTRICAL CONDUIT (SCHEDULE 80) IN THE FOUNDATION. (Sls. 117-12.4 & 57.72 FT. RIGHT). THE FOUNDATION LOCATION MUST MEET THE LATEST REQUIREMENTS OF MD-AUTOCAD AND NCHRP ADA PUBLICATIONS. EXACT LOCATION WILL BE FIELD APPROVED BY THE COUNTY ENGINEER.
4. INSTALL 27 FOOT STEEL SINGLE MAST ARM POLE ON A CONCRETE FOUNDATION (SEE NOTE 3 ABOVE) WITH TWIN MAST ARMS (50 FOOT AND 30 FOOT LONG) WITH (2) - 4" PVC ELECTRICAL CONDUITS. (Sls. 116-16.59 & 47.15 FT. LEFT). HEADS, VIDEO DETECTION CAMERAS, OPTICAL DETECTION EYE, AND SIGNALS MOUNTED ON MAST ARM.
5. VIBRATING ARROW POINTING RIGHT AND A R10-3 (1) SIGN ALL MOUNTED ON THE MAST ARM POLE. (THE R10-3 (1) SIGN TO READ "PUSH BUTTON TO CROSS STOTLER ROAD"). INSTALL 30 FOOT STREET LIGHTING ARM WITH LED LIGHTING FIXTURE.
6. CONSTRUCT ONE NEW CONCRETE PEDESTRIAN SIGNAL FOUNDATION WITH (1) - 2" PVC ELECTRICAL CONDUIT AND BREAKAWAY BASE (MDSHA STANDARD NO. 8010101) TO BE INSTALLED. THE FOUNDATION LOCATION MUST MEET THE LATEST REQUIREMENTS OF MD-AUTOCAD AND NCHRP ADA PUBLICATIONS. EXACT LOCATION WILL BE FIELD APPROVED BY THE COUNTY ENGINEER. (Sls. 116-47.26 & 54.05 FT. RIGHT)
7. INSTALL A 15 FOOT STEEL PEDESTAL POLE WITH A BREAKAWAY BASE (Sls. 116-47.26 & 54.05 FT. RIGHT). PER MDSHA STD. NO. 8010101 ON A CONCRETE FOUNDATION (SEE NOTE 6 ABOVE) WITH A COUNTDOWN PEDESTRIAN SIGNAL HEAD (A). AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON WITH A VIBRATING ARROW POINTING LEFT AND A R10-3 (1) SIGN ALL MOUNTED ON THE POLE. (THE R10-3 (1) SIGN TO READ "PUSH BUTTON TO STOTLER ROAD BOULEVARD").
8. INSTALL NEW S-CABINET (STCAL209) BASE MOUNT CONTROLLER AND CABINET ON A NEW CONCRETE PAD WITH AVAILABLE CONDUITS. EXACT LOCATION WILL BE FIELD APPROVED BY THE COUNTY ENGINEER.
9. INSTALL EMBEDDED METER SERVICE PEDESTAL (MDSHA STANDARD 807201) WITH (1) - 4" SCHEDULE 80 PVC CONDUIT WITH 90 DEGREE BENDS IN PEDESTAL BASE.
10. CONSTRUCT ONE NEW CONCRETE LIGHTING STRUCTURE FOUNDATION (MDSHA STANDARD NO. 801020) WITH BREAKAWAY BASE (MDSHA STANDARD NO. 8010101) ON A NEW CONCRETE PAD WITH AVAILABLE CONDUITS. EXACT LOCATION WILL BE FIELD APPROVED BY THE COUNTY ENGINEER. (Sls. 119-11.95 & 59.74 FT. RIGHT)
11. INSTALL A 30 FOOT STEEL LIGHTING STRUCTURE (MDSHA STANDARD NO. 80101) WITH BRACKET ARM ON THE NEW CONCRETE FOUNDATION (SEE NOTE 9 ABOVE). INSTALL A 30 FOOT LIGHTING ARM WITH A LED LUMINAIRE.
12. INSTALL ELECTRIC HANDHOLE

LEGEND
NEW CONCRETE METER PAD AND ELECTRIC METER PEDESTAL
EXISTING HANDHOLE
NEW S-CABINET (STCAL209) BASE MOUNT CONTROLLER AND CABINET ON A NEW CONCRETE PAD
NEW 1-2" CONDUIT - (SCHEDULE 80)
NEW (2) - 4" CONDUIT - (SCHEDULE 80)
EXISTING (1) - 4" CONDUIT - (SCHEDULE 80) WITH PULL STRING OR CABLES
NEW HANDHOLE

LEGEND
NEW UNDERGROUND ELECTRIC SERVICE - 1-2" CONDUIT - (SCHEDULE 80)
NEW 19 FOOT PEDESTAL POLE ON NEW CONCRETE FOUNDATION
27 FOOT MAST ARM POLE WITH TWIN MAST ARMS (50 FOOT AND 30 FOOT LONG)
27 FOOT MAST ARM POLE WITH TWIN MAST ARMS (50 FOOT AND 30 FOOT LONG)
NEW (1) - 4" CONDUIT - (SCHEDULE 80)
NEW 30 FOOT LIGHTING STRUCTURE ON NEW CONCRETE FOUNDATION

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft