

SURVEYED BY \_\_\_\_\_  
 SUPERVISED BY \_\_\_\_\_  
 DESIGNED BY \_\_\_\_\_

NOTE TO DESIGNER: SEVERAL  
 EXAMPLES OF THE USE OF  
 THIS SHEET ARE SHOWN ON  
 APPENDIX IIA-3

Section II - Signing

GENERAL NOTES

- Unless otherwise specified, the Contractor shall have the option of re-furbishing framing members on existing sign panels or furnishing new sign panels with corresponding sign message for mounting on new breakaway post.
- Unless otherwise approved by the Engineer, existing traffic signs which are to be removed shall remain in place until the new sign structure and critical sign message are in place.
- Existing lights shall be relocated or adjusted to conform with the new sign location(s). All costs for relocation or adjustment of existing lights shall be included in price bid for replacement of sign.
- The Contractor shall notify the Engineer at least five days prior to the proposed delivery date. Salvaged materials shall be delivered during the Department's normal work hours and days, and properly stored as directed by the Engineer.
- All sign panels, framing members, and miscellaneous hardware shall be salvaged by the Contractor for the Department and delivered intact to the Traffic Engineer Sign Shop, XXX District, XXX, Virginia XXXXX.
- Any delineators or mile posts which will be disturbed by installation of proposed guardrail shall be reset back to proposed guardrail as directed by the Engineer. The cost of which shall be included in the price bid per lin. ft. of guardrail.
- Definition of Symbols:
  - A. The top section indicates the type of structure. (SEE DEFINITION OF TYPES)
  - B. The bottom section indicates the measurement & payment item. (SEE MEASUREMENT & PAYMENT ITEMS)

EXAMPLE:

  - DP - 1  
L  
O/H Double Pole 50-75 L.F.  
REMOVE AND DISPOSE OF O/H SIGN STRUCTURE, TYPE ( )
  - SP - 3  
0  
Sign Panel 201-300 S.F.  
RELOCATE EXISTING SIGN PANEL, TYPE ( )
- The Contractor is hereby advised that all existing high pressure sodium luminaires on all existing O/H sign structures to be removed are presumed to be salvageable and therefore may be reused on all proposed O/H structures. This work concerning relocating and installing existing high pressure sodium luminaires to the proposed O/H sign structures shall be in accordance with "Section 705 - Electrical Systems" and in reasonably close conformity with the lines and details shown on the plans or established by the Engineer. All costs for relocating and installing existing high pressure sodium luminaires to the proposed O/H sign structures and any necessary materials associated with this work, or for furnishing and installing new high pressure sodium luminaires shall be included in the price bid for the O/H sign structures.
- Unless otherwise indicated on the plans, all breakaway sign structures shall be located within 25 feet of the sign current field location or as directed by the Engineer.
- Delineators are to be spaced at one tenth of a mile intervals between milepost markers, unless otherwise indicated.

NOTE:  
 MEASUREMENT & PAYMENT ITEMS NOT APPLICABLE  
 TO THE PROJECT SHALL HAVE AN "X" DRAWN  
 THROUGH THEM.

NOTES FOR SAFETY IMPROVEMENT ITEMS

MEASUREMENT & PAYMENT ITEMS

- RELOCATE EXISTING SIGN STRUCTURE, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for dismantling and removing existing sign and support(s), backfilling resulting holes, installing existing sign and support(s) in the new location with special backfill material, furnishing new miscellaneous nuts, bolts, and washers, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REPLACE WITH SIGN TYPE ( ) ON O/H STRUCTURE - SALVAGE**  
 will be measured in units of each per sign type and paid for at the contract unit price per each, which price shall be full compensation for dismantling, removal, and salvage of existing sign panels and framing members, for furnishing and mounting new sign panels, sign message and framing members, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REPLACE WITH SIGN TYPE ( ) ON O/H STRUCTURE - DISPOSAL**  
 will be measured in units of each per sign type and paid for at the contract unit price per each, which price shall be full compensation for dismantling, removal, and disposal of existing sign panels and framing members, for furnishing and mounting new sign panels, sign message and framing members, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- RELOCATE EXISTING SIGN TYPE ( ) AND LIGHTS TO O/H STRUCTURE**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for relocation of sign panel and lighting system, furnishing and installing additional buried cable and boxes, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- RELOCATE EXISTING SIGN TYPE ( ) TO O/H STRUCTURE**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for relocation of sign panel, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- MODIFY EXISTING SIGN MESSAGE, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for drilling new holes, plugging of unused holes with compatible material, relocation of sign message, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REMOVE AND DISPOSE OF SIGN STRUCTURE, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and disposal of sign panels, posts and foundations to at least two feet below existing ground line, backfilling and restoration (topsoiling and seeding), and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REMOVE AND SALVAGE SIGN STRUCTURE, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and salvage of sign panels, posts and foundations to at least two feet below existing ground line, backfilling and restoration (topsoiling and seeding), and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- MODIFY EXISTING O/H STRUCTURE, LOCATION NO. ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for furnishing, installing and/or relocating sign panels, framing members, supports, light fixtures and supports electrical conduit, boxes, and conductors, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REMOVE AND DISPOSE OF O/H STRUCTURE AND LIGHTS, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and disposal of sign panels, lighting systems, supports, and concrete foundations to at least two feet below existing ground line, backfilling and restoration (topsoiling and seeding), and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REMOVE AND SALVAGE O/H STRUCTURE AND LIGHTS, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and salvage of sign panels, lighting systems, supports, and concrete foundations to at least two feet below existing ground line, backfilling and restoration (topsoiling and seeding), and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REMOVE AND DISPOSE OF O/H SIGN STRUCTURE, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and disposal of sign panels, supports, and concrete foundations to at least two feet below existing ground line, backfilling and restoration (topsoiling and seeding), and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REMOVE AND SALVAGE O/H SIGN STRUCTURE, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and salvage of sign panels, supports, and concrete foundations to at least two feet below existing ground line, backfilling and restoration (topsoiling and seeding), and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REPAIR EXISTING O/H STRUCTURE, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removing existing conductor wiring, furnishing and installing all conductors, connections and ground assemblies, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED	FHWA REGION	STATE	FEDERAL AID		STATE		SHEET NO.
			PROJECT	ROUTE	PROJECT		

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- REPLACE AND DISPOSE OF LIGHTS ON O/H STRUCTURE, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and disposal of existing lighting system, for furnishing and installing new lighting system with supports, for repairing the structure, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REPLACE AND SALVAGE LIGHTS ON O/H STRUCTURE, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and salvage of existing lighting system, for furnishing and installing new lighting system with supports, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- RELOCATE EXISTING SIGN PANEL, TYPE ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removing existing panel, refurbishing framing members, furnishing and installing necessary back panels, erecting existing sign panel to new breakaway posts, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REMOVE AND DISPOSE SIGN TYPE ( ) FROM O/H STRUCTURE**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for dismantling, removal and disposal of existing sign panels and framing members, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REMOVE AND DISPOSE OF DELINEATORS**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for removal and disposal of delineators, and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- REMOVE EXISTING CONCRETE FOUNDATION AND POLE**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for all necessary excavation, demolition and removal of concrete to at least two feet below existing ground line, disposal of waste materials, backfilling with suitable materials, compaction and restoration (grading, topsoiling and seeding), and for all materials, labor, tools, equipment and incidentals necessary to complete the work.
- RELOCATE EXISTING BUTTERFLY SIGN STRUCTURE, LOCATION NO. ( )**  
 will be measured in units of each and paid for at the contract unit price per each, which price shall be full compensation for dismantling and removing existing VMS, supports, structure, conduit, cabling and concrete foundation to at least two feet below existing ground line, installing new concrete foundation, and relocating VMS, supports, structure, conduit and cabling to the new location with special backfill material, furnishing, new miscellaneous nuts, bolts, washers and for all materials, labor, tools, equipment and incidentals necessary to complete the work.

DEFINITION OF TYPES

TYPE	DESCRIPTION	SIZE
DP-1	O/H Double Pole	50 - 75 L.F.
DP-2	O/H Double Pole	76 - 101 L.F.
DP-3	O/H Double Pole	102 - 127 L.F.
DP-4	O/H Double Pole	128 - 153 L.F.
DP-5	O/H Double Pole	154 - 179 L.F.
DP-6	O/H Double Pole	180 - 205 L.F.
DC-1	O/H Double Pole & Cantilever	75 - 100 L.F.
DC-2	O/H Double Pole & Cantilever	101 - 126 L.F.
DC-3	O/H Double Pole & Cantilever	127 - 152 L.F.
DC-4	O/H Double Pole & Cantilever	153 - 178 L.F.
DC-5	O/H Double Pole & Cantilever	179 - 204 L.F.
DC-6	O/H Double Pole & Cantilever	205 - 230 L.F.
CS-1	O/H Single Arm Cantilever	25 - 40 L.F.
CS-2	O/H Single Arm Cantilever	41 - 60 L.F.
CD-1	O/H Double Arm Cantilever	50 - 74 L.F.
CD-2	O/H Double Arm Cantilever	75 - 125 L.F.
CD-3	O/H Double Arm Cantilever	126 - 175 L.F.
CD-4	O/H Double Arm Cantilever	176 - 225 L.F.
BM	O/H Bridge Mount	EA
J	Non-breakaway Single Metal Pole	EA
II	Non-breakaway Two Metal Poles	EA
III	Non-breakaway Three Metal Poles	EA
I	Breakaway Single Round Metal Pole	EA
IA	Breakaway Single Metal Pole	EA
IIA	Breakaway Two Metal Poles	EA
IIIA	Breakaway Three Metal Poles	EA
IIIA	3/4" Rolled Rail Steel Pole	EA
WP-1	Single Wood Post	EA
WP-2	Two Wood Posts	EA
SP-1	Sign Panel	0 - 100 S.F.
SP-2	Sign Panel	101 - 200 S.F.
SP-3	Sign Panel	201 - 300 S.F.
SP-4	Sign Panel	301 - 400 S.F.
SP-5	Sign Panel	401 - 500 S.F.
SP-6	Sign Panel	501 - 600 S.F.
MBM	Median Barrier Mount	EA
LP	Light Pole Mount	EA