



HIGHWAY FACTORS ATTACHMENT

Signage and marking plans on I-64 in the vicinity of the crash

Williamsburg, VA

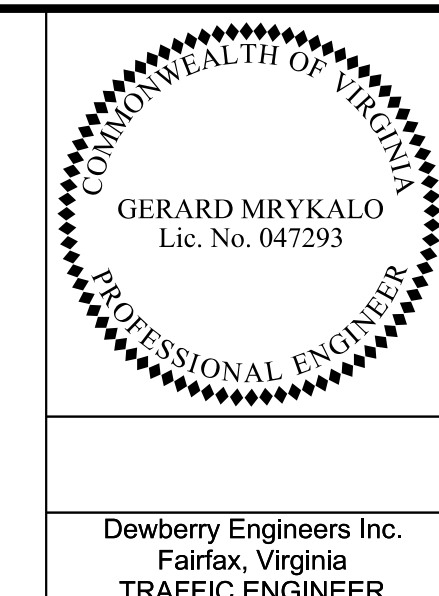
HWY23MH004

(4 pages)



PROJECT MANAGER: [REDACTED]
SURVEYED BY: Dewberry Engineers Inc., 2/18
DESIGNED BY: Dewberry Engineers Inc., [REDACTED]
SUBSURFACE UTILITY BY: Accumark, Inc., 3/18

SIGNING & PAVEMENT MARKING PLAN



REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	64	0064-965-229 C-501	72

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

Dewberry Engineers Inc.
Fairfax, Virginia
TRAFFIC ENGINEER

GENERAL NOTES

- Unless otherwise approved by the engineer or indicated in the Temporary Traffic Control Plans, existing traffic signs which are to be relocated shall remain in place until the new sign structure is in place.
- The removal or modification of existing sign panels, structures, or foundations shall conform to section 510 of the specifications.
- New materials and items required to complete the removal or modification of existing items shall be submitted to the engineer for review and approval in accordance with section 105 of the specifications.
- All existing and proposed sign locations are approximate and shall be field verified by the contractor. All proposed sign locations shall be staked by the contractor and approved by the engineer.
- Longitudinal pavement line markings on I-64 and associated ramps shall be Type B, Class VI patterned preformed tape. Longitudinal pavement line markings on all other roadways shall be Type B, Class I thermoplastic. Type B, Class III epoxy markings shall be used on concrete pavement. Type B, Class VI patterned preformed tape shall be used on all bridge decks. All 2" wide pavement markings and symbols shall be Type B, Class I thermoplastic.
- Any existing pavement markings which will conflict with proposed pavement markings shall be completely eradicated per VDOT Std. Specifications.
- Limits of proposed pavement markings shown are approximate and shall be modified in the field until existing markings can be matched.
- Raised Pavement Markers shall be installed along I-64 and associated gore areas per Std. PM-8. Along loop ramp weave lanes utilize 36' Raised Pavement Marker spacing.
- A. The top section indicates the type of structure. (See DEFINITION OF TYPES)

B. The bottom section indicates the Measurement & Payment Item (See Section 510.04 Special Provision Copied Note)

EXAMPLE:

Single Wood Post
Remove Existing Sign Structure
- The sizes of all existing signs to be relocated shall be verified by the Contractor prior to relocation or fabrication of new posts(s).
- If permanent signs are installed prior to time they should be displayed, they shall be completely covered by a non-transparent material.
- See Typical Sections (Sheet 2A1) - 2A4) for lane width dimensions. Thru lanes shall be 12' wide unless otherwise indicated.

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Pavement Marking Legend

DESCRIPTION	WHITE	YELLOW
DASHED LINE - 4"	10' 30' 10'	(A)
DASHED LINE - 6"	10' 30' 10'	(S)
DASHED LINE - 8"	10' 30' 10'	(W)
DASHED LINE - 12"	10' 30' 10'	(T)
SOLID LINE - 4"		(B) (H)
SOLID LINE - 6"		(N) (O)
SOLID LINE - 8"		(C) (L)
SOLID LINE - 12"		(D) (I)
SOLID LINE - 24"		(E) (J)
DOTTED LINE - 4" - 2' DOT-4" SPACE		(F) (R)
DOTTED LINE - 4" - 3' DOT-9" SPACE		(G)
DOTTED LINE - 6" - 3' DOT-9" SPACE		(V)
DOTTED LINE - 8" - 3' DOT-9" SPACE		(M)
DOTTED LINE - 12" - 2' DOT-4" SPACE		(U)
DBL DOTTED LINE - 4"		(P)
DBL SOLID LINE - 4"		(K)
PVT MKG MESSAGE		
RAISED PAVEMENT MARKER		

Signing Legend

DESCRIPTION	SYMBOL
SIGN NO.	Prop. 123, Ex. 12
TEXT NO.	
SIGN LOCATION (ONE POST)	
SIGN LOCATION (TWO POSTS)	
SIGN LOCATION (THREE POSTS)	

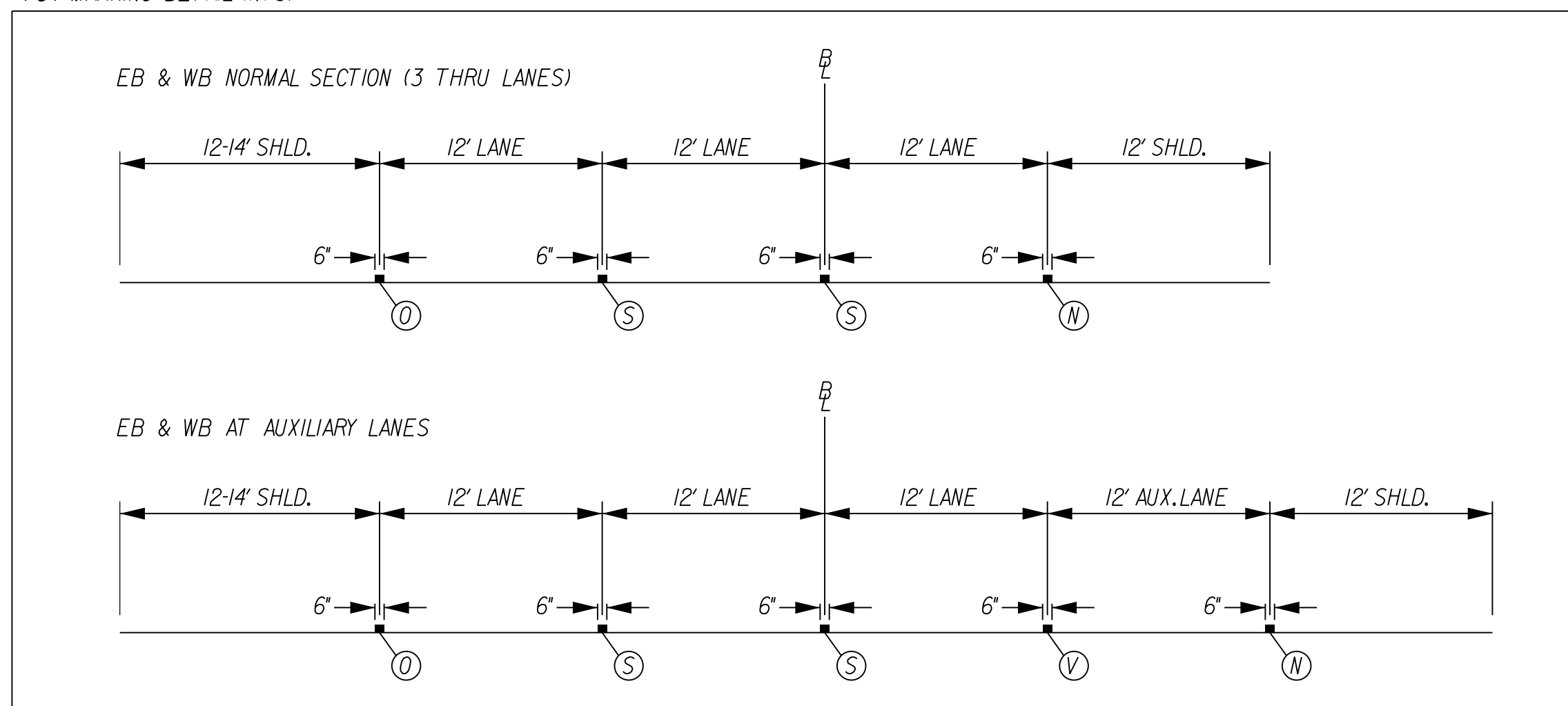
DEFINITION OF TYPES

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
I	Non-breakaway Single Metal Pole	EA
II	Non-breakaway Two Metal Poles	EA
III	Non-breakaway Three Metal Poles	EA
V	Breakaway Single Round Metal Pole	EA
VA	Breakaway Single Metal Pole	EA
VIA	Breakaway Two Metal Poles	EA
VIA3	Breakaway Three Metal Poles	EA
VIIA	3/2" Rolled Rail Steel Pole	EA
WP-1	Single Wood Post	EA
WP-2	Two Wood Posts	EA
WP-3	Three Wood Posts	EA
ST-1	One Steel Post	EA
ST-2	Two Steel Posts	EA
STP-1	Breakaway Single Square Tube Post	EA
STP-2	Breakaway Two Square Tube Posts	EA
STP-3	Breakaway Three Square Tube 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.

EXISTING SIGN DISPOSITION

- REMOVE EXISTING SIGN STRUCTURE, TYPE (),
- RELOCATE EXISTING SIGN STRUCTURE, TYPE (),
- REMOVE EXISTING SIGN, TYPE (),
- REMOVE EXISTING O/H SIGN STRUCTURE, TYPE (),
- RELOCATE EXISTING SIGN PANEL, TYPE (),

I-64 MARKING DETAIL (NTS)





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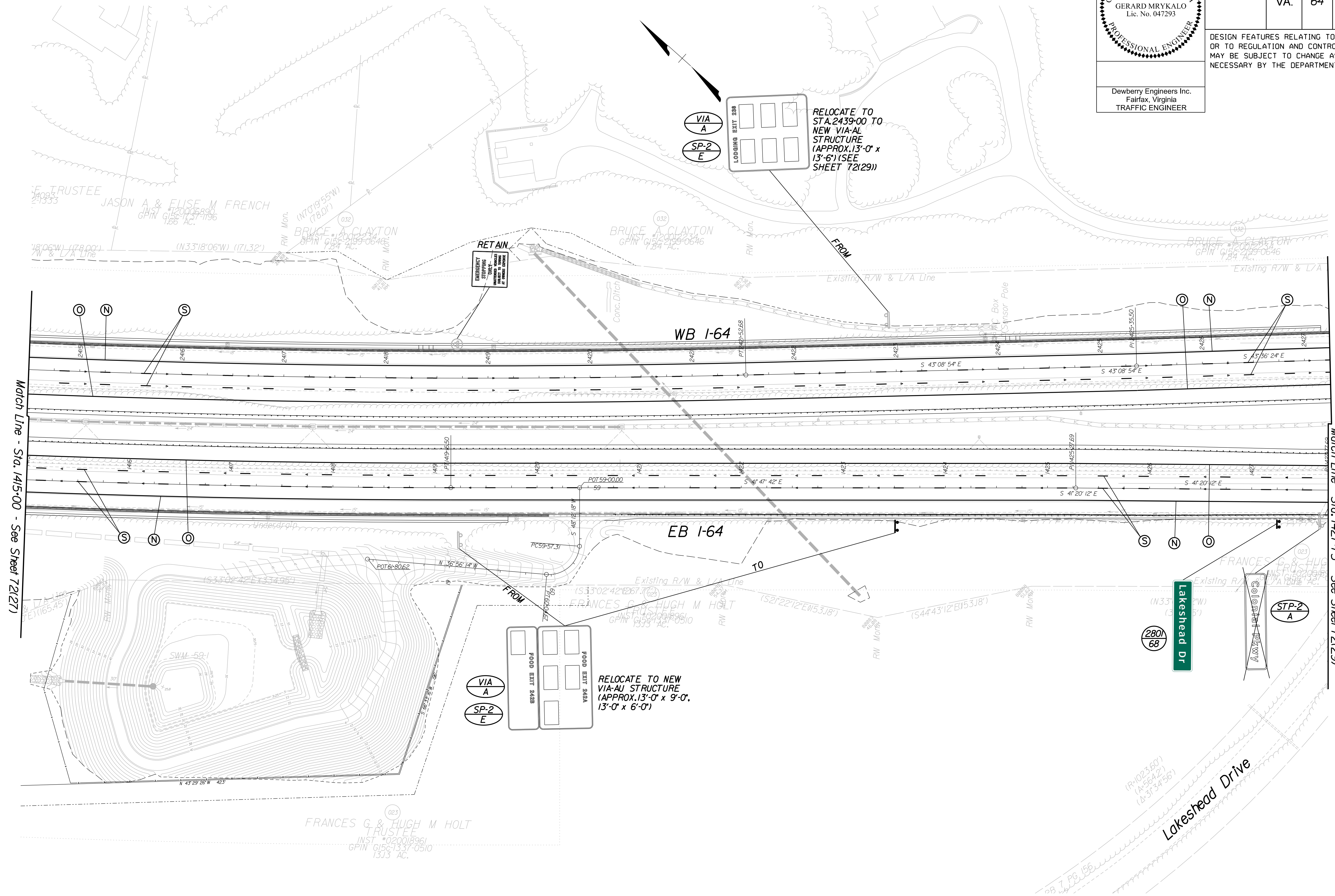
SIGNING & PAVEMENT MARKING PLAN

COMMONWEALTH OF VIRGINIA
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PROFESSIONAL ENGINEER

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Fairfax, Virginia
TRAFFIC ENGINEER

REVISED 12/20/19	STATE VA.	ROUTE 64	STATE PROJECT 0064-965-229 C-501	SHEET NO. 72(28)
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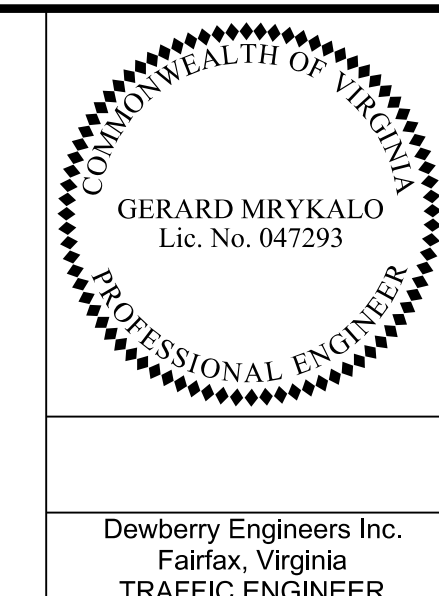
Match Line - Sta. 1415+00 - See Sheet 72(27)

Match Line - Sta. 1427+75 - See Sheet 72(29)



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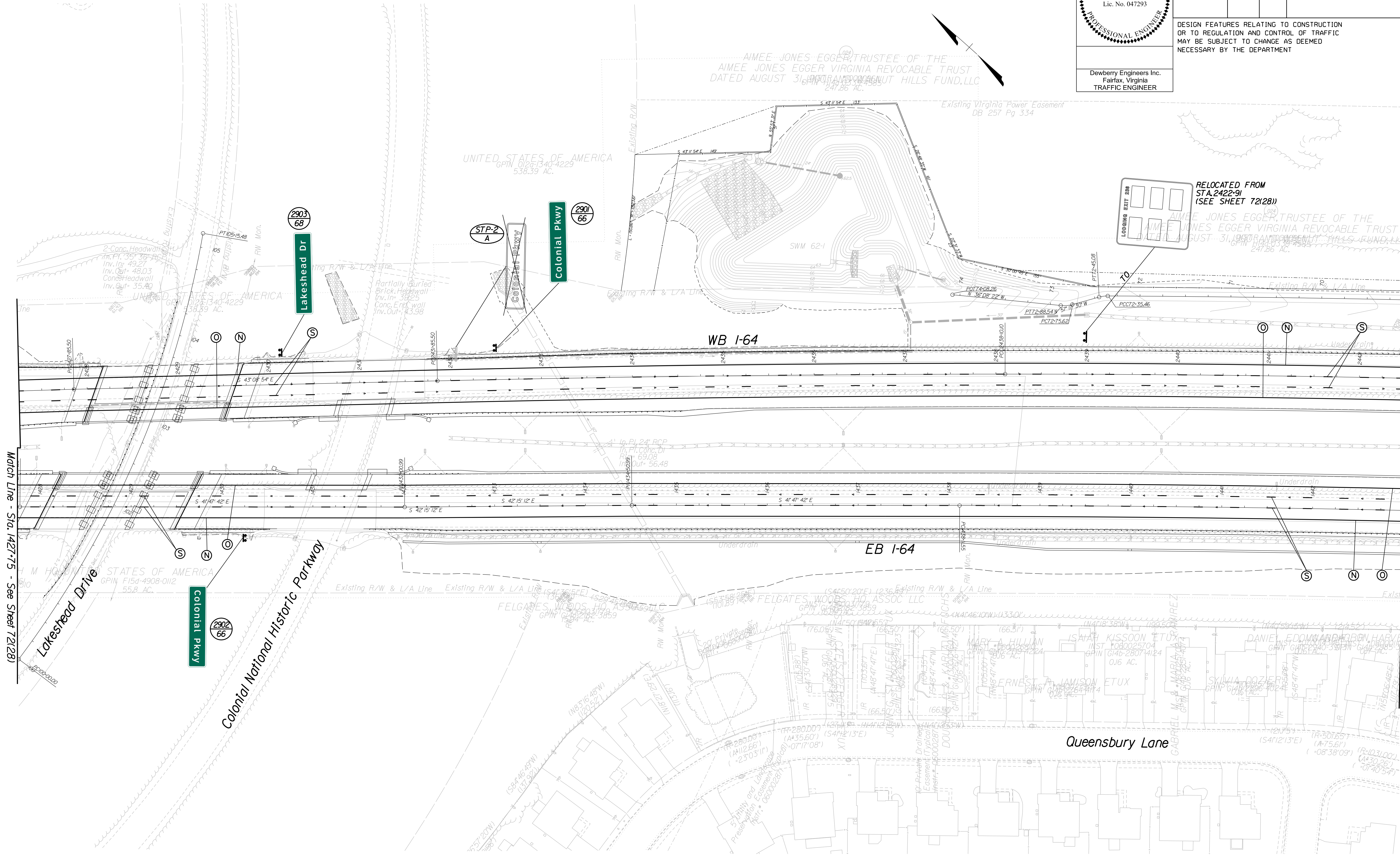
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Match Line - Sta. 1427+75 - See Sheet 72(28)

Match Line - Sta. 1443+00 - See Sheet 72(30)