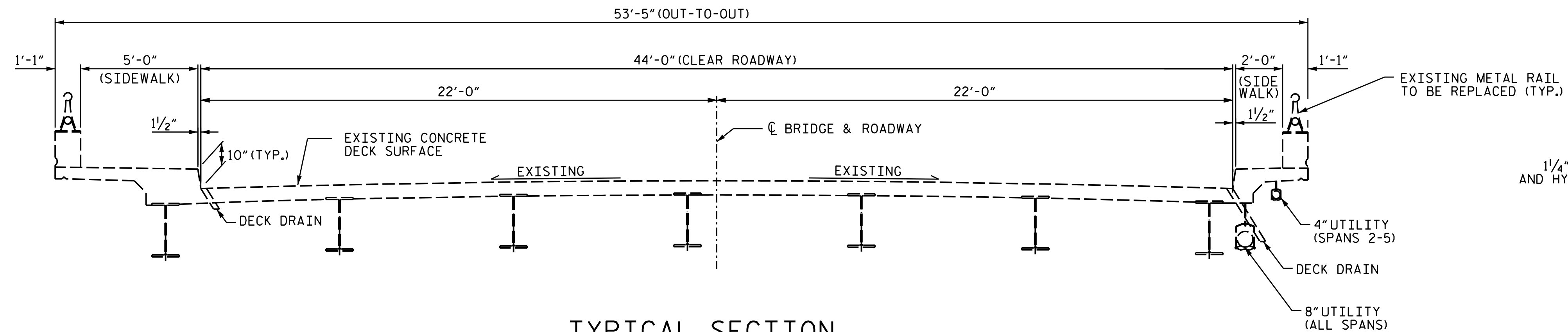
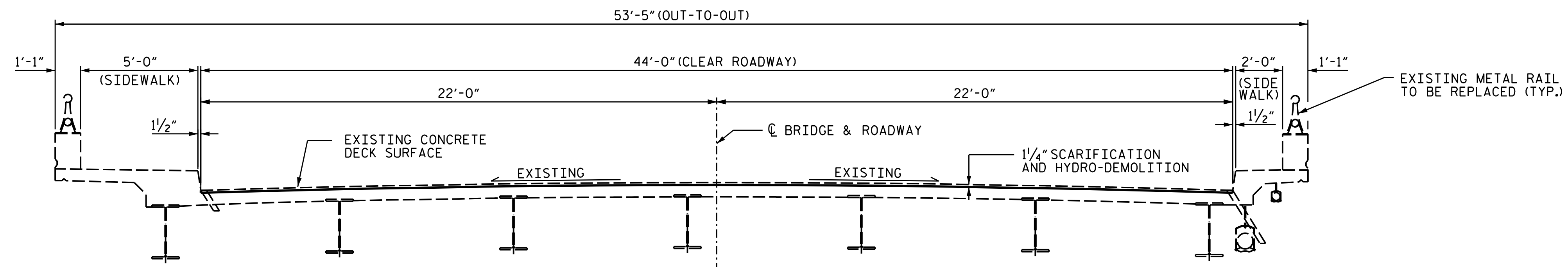


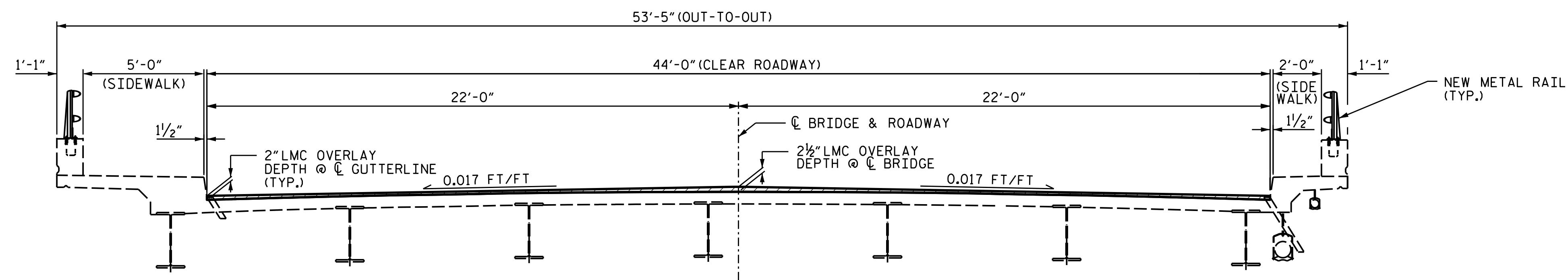
**EXISTING CROWN DIAGRAM**



**TYPICAL SECTION**  
(EXISTING SPANS A-D)



**TYPICAL SECTION**  
(DECK PREPARATION SPANS A-D)



**TYPICAL SECTION**  
(PROPOSED SPANS A-D)

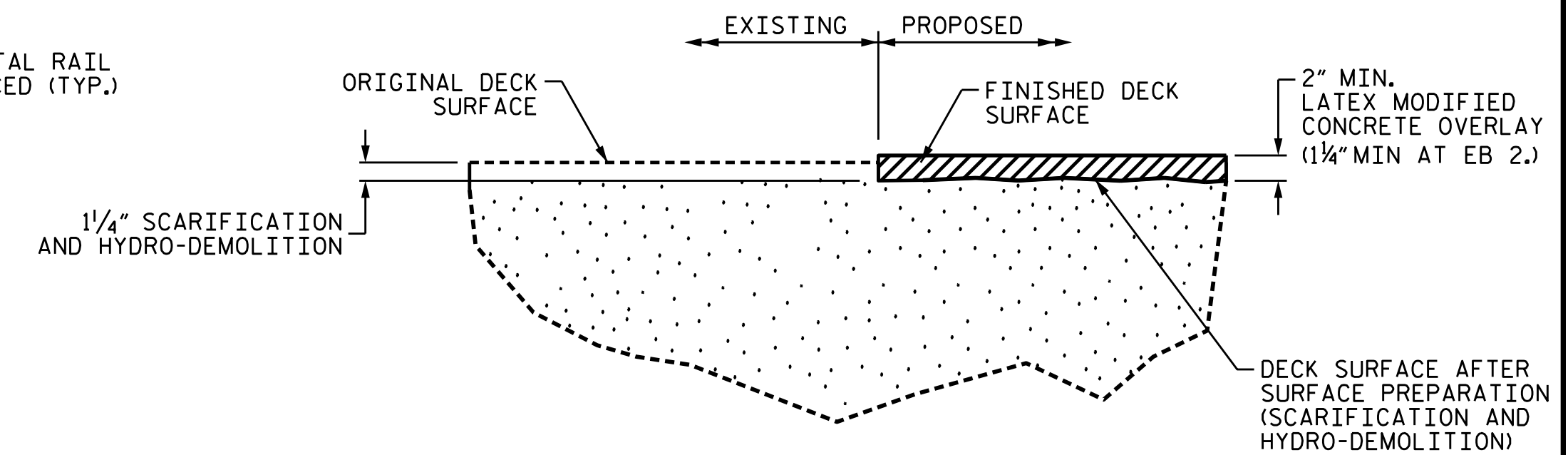
**NOTES**

WHEN PREPARING THE SURFACE FOR LMC OVERLAY ADJACENT TO THE PREVIOUSLY PLACED LMC STAGE, THE PREVIOUSLY PLACED LMC SHALL BE SAW-CUT TO THE FULL DEPTH OF THE LMC AT THE CENTERLINE OF THE BRIDGE AND ALL LMC IN THE 4" OVERLAY SHALL BE REMOVED WITH HAND TOOLS PRIOR TO PLACEMENT OF LMC IN THE SECOND STAGE.

SEE TRAFFIC MANAGEMENT PLANS FOR LANE WIDTHS, SEQUENCING AND OTHER TRAFFIC CONTROL MEASURES FOR STAGING OF OVERLAY SURFACE PREPARATION AND LMC OVERLAY PLACEMENT.

THE EXISTING TOP OF SLAB DOES NOT FOLLOW A STRAIGHT SLOPE FROM THE GUTTERLINE TO CL OF BRIDGE. EXISTING SLOPE SHOWN IN CROWN DIAGRAM. SCARIFICATION AND HYDRO-DEMOLITION SHALL BE A CONSTANT DEPTH OF 1/4". DEPTH OF LMC OVERLAY WILL VARY FROM A MINIMUM OF 2" AT GUTTERLINE TO 2 1/2" AT CL OF BRIDGE TO CREATE PROPOSED STRAIGHT SLOPE CROWN.

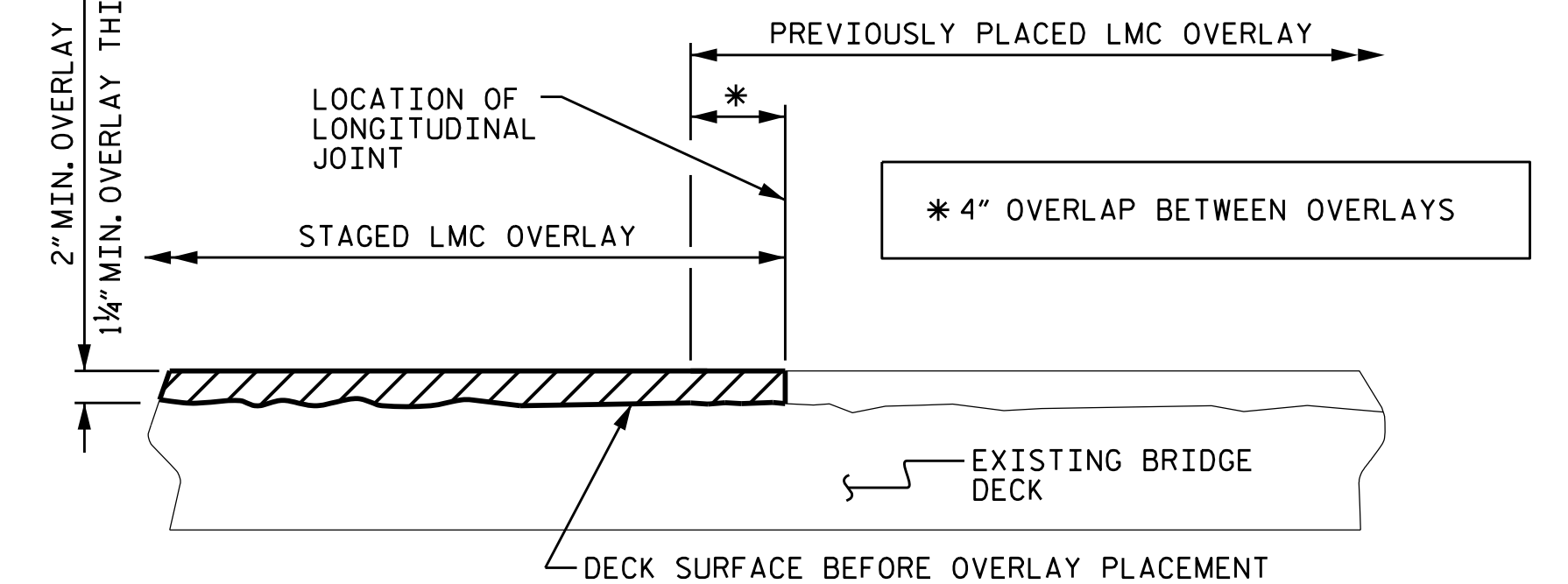
THE CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL A PLAN FOR SCARIFICATION/HYDRO-DEMOLITION, SURFACE PREPARATION, LMC OVERLAY PLACEMENT AND FINISHING TO ATTAIN THE FINAL SURFACE SLOPE AS INDICATED.



**DETAIL FOR LATEX MODIFIED CONCRETE OVERLAY**

(FINISHED SURFACE OF THE LATEX MODIFIED CONCRETE OVERLAY IS APPROX.)

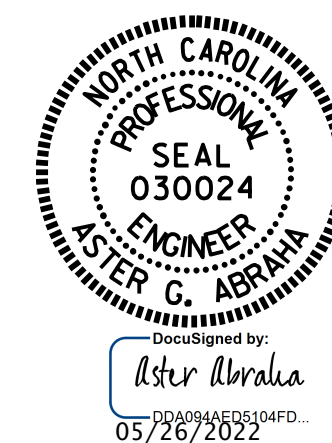
2" MIN. OVERLAY THICKNESS AT EB2  
1/4" MIN. OVERLAY THICKNESS AT EB2



**STAGED LMC OVERLAY JOINT**  
(AS NEEDED)

PROJECT NO. 15BPR.47  
NASH COUNTY  
BRIDGE NO. 630039

SHEET 1 OF 2



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**TYPICAL SECTION AND SURFACE PREPARATION DETAILS**

DRAWN BY : S. T. SANDOR/A. Y. GODFREY DATE : 01/2022  
CHECKED BY : S. WANCE DATE : 03/2022

5/26/2022  
R:\Structures\Plans\630039\403.003.15BPR.47.SMU. TS.53-02.630039.dgn  
aygodfrey

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-2
1			3			TOTAL SHEETS
2			4			33