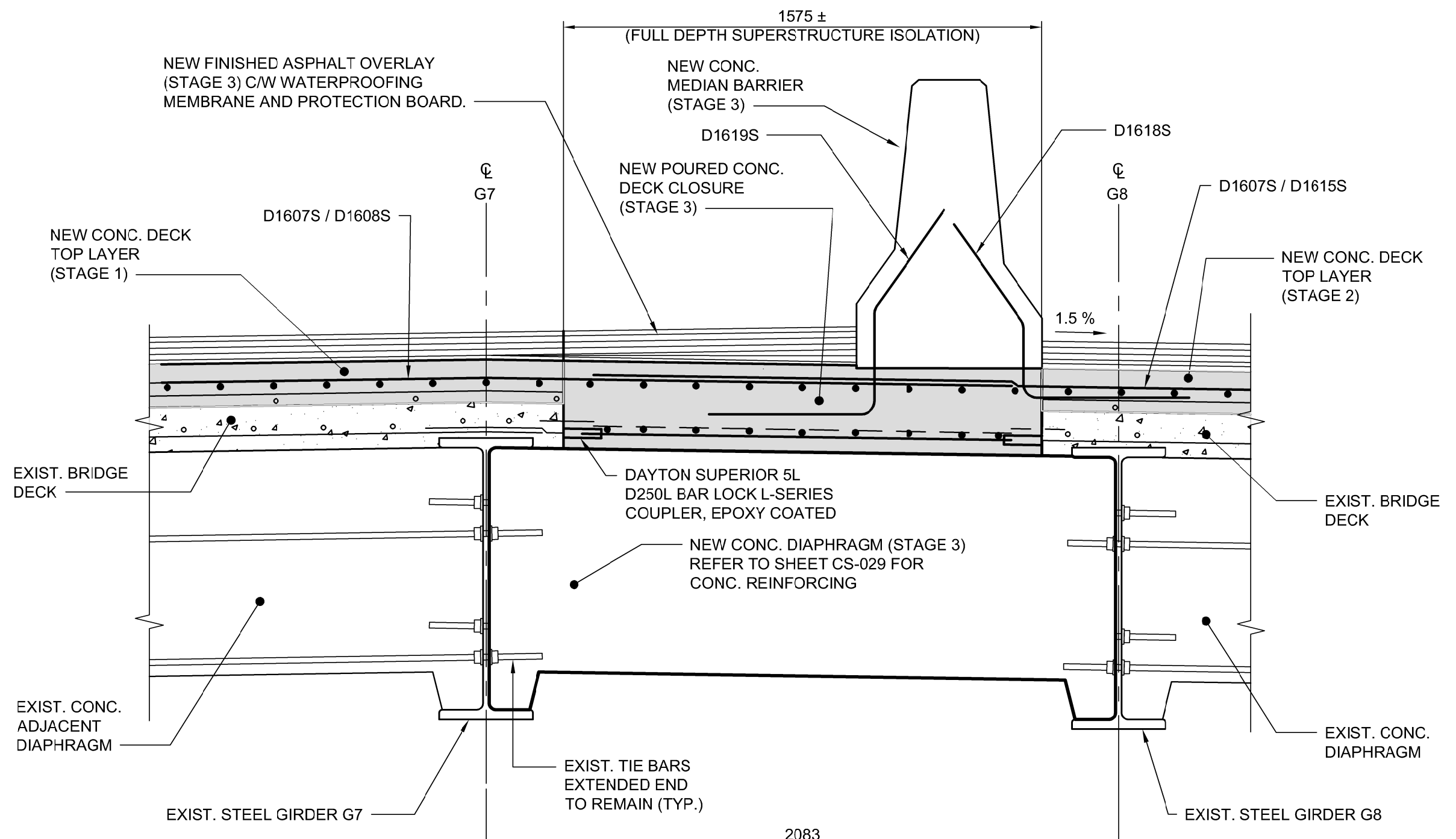


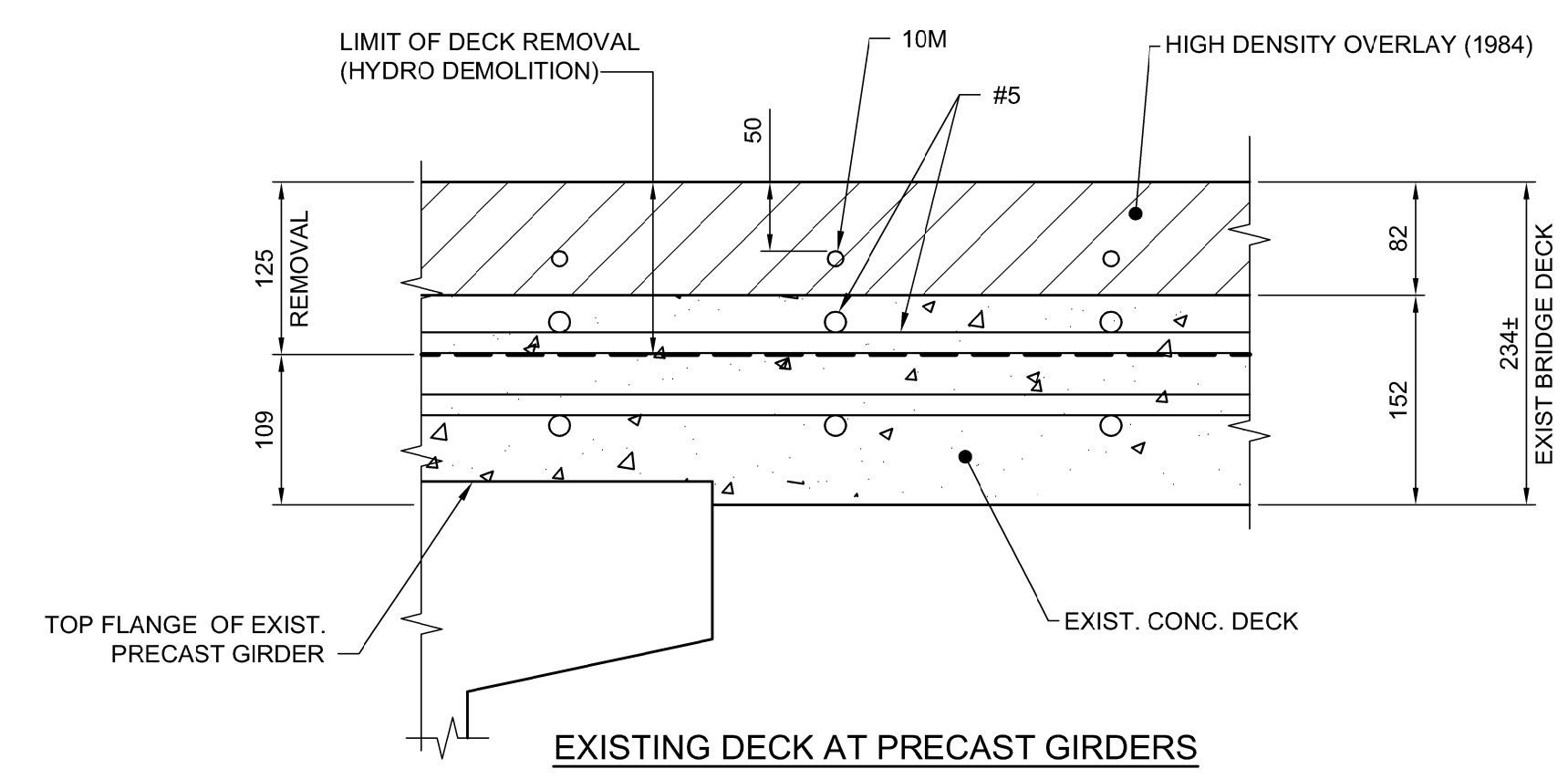
EXISTING



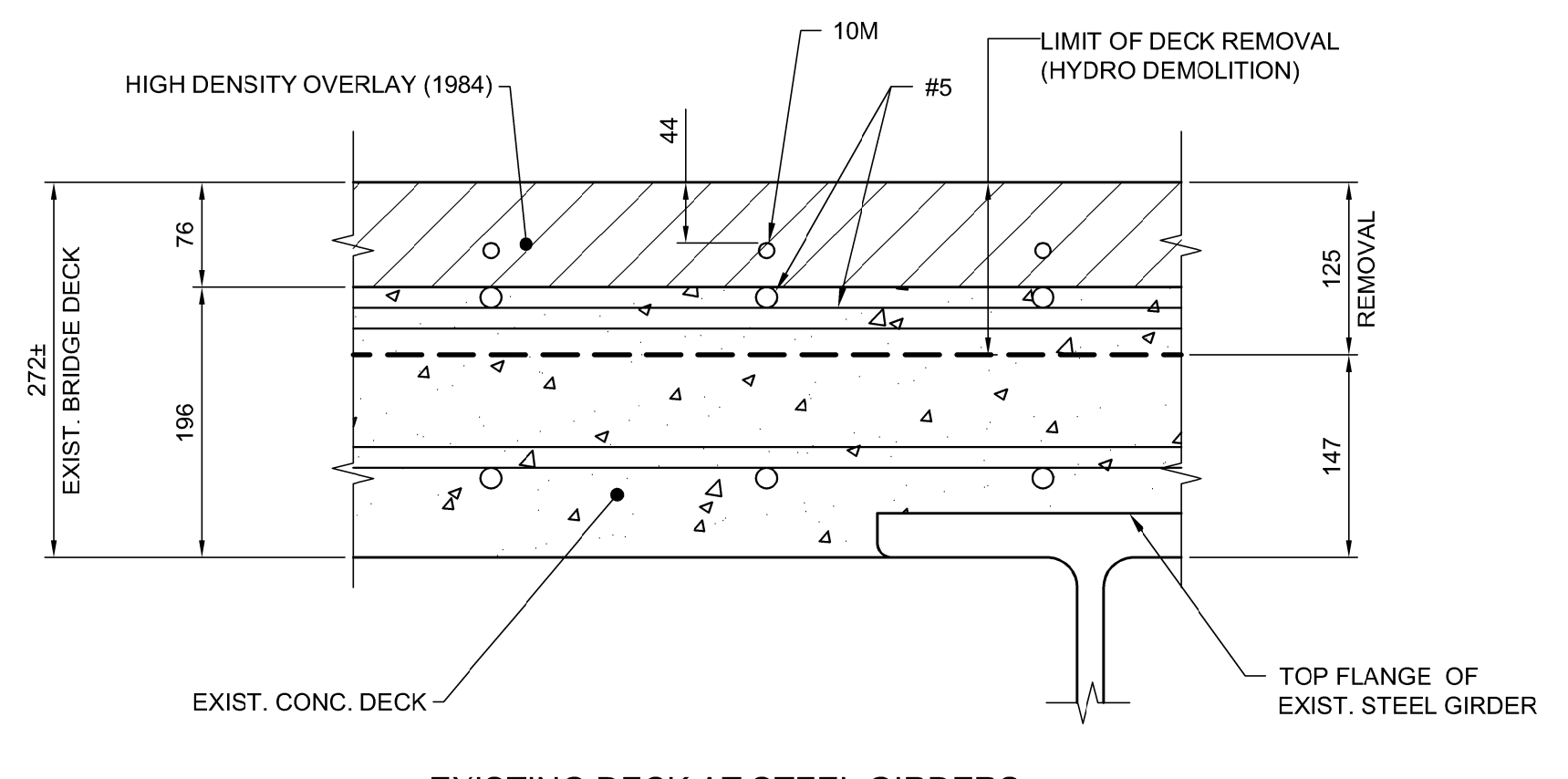
PROPOSED

- NOTES:**
- CUTTING THROUGH EXISTING BOTTOM MAT OF DECK REINFORCING STEEL PERMITTED FOR FULL DEPTH ISOLATION.
  - CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE EXISTING STEEL GIRDERS AND TIE ROD CONNECTIONS EXTENDING INTO THE ADJACENT CONCRETE DIAPHRAGMS DURING REMOVALS.

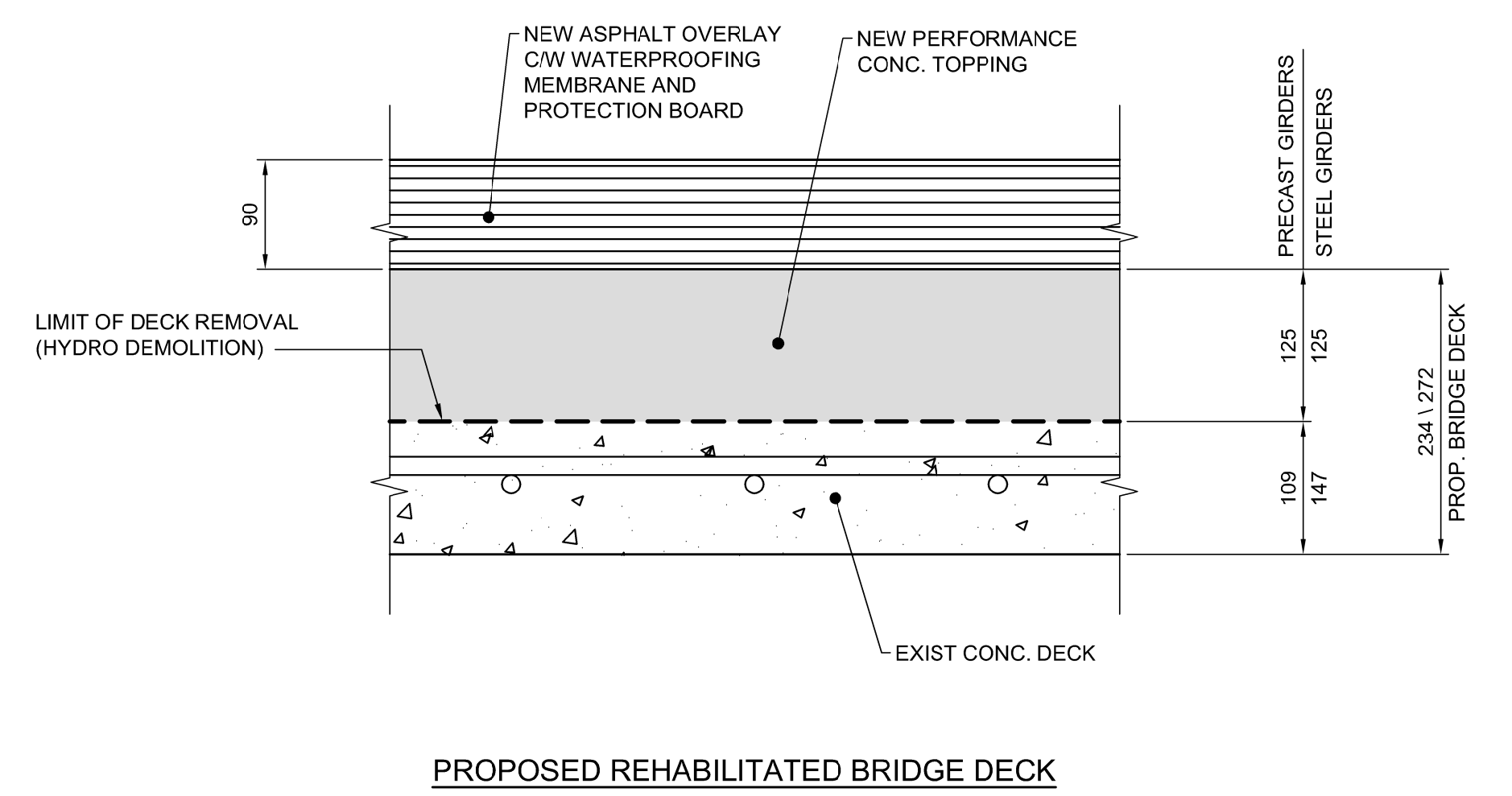
**3** DETAIL  
1:15  
CS-024, CS-025  
**STAGE 3**



EXISTING DECK AT PRECAST GIRDERS



EXISTING DECK AT STEEL GIRDERS



PROPOSED REHABILITATED BRIDGE DECK

**TYPICAL RESTORATION BRIDGE DECK DETAILS**  
1:5

- NOTES:**
- ROTMILLING MAY BE USED TO REMOVE CONCRETE DOWN TO THE FIRST LAYER OF REINFORCING STEEL (10M).
  - REMOVALS SHALL CONTINUE BY MEANS OF HYDRO-DEMOLITION TO THE LIMITS SHOWN. DO NOT EXCEED THE REMOVAL LIMITS.
  - ONLY THE EXISTING BOTTOM MAT OF REINFORCEMENT SHALL REMAIN.
  - READ IN CONJUNCTION WITH GENERAL NOTES ON SHEET CS-01 AND REMOVAL NOTES ON SHEET CS-027.

**APEGM**  
Certificate of Authorization  
Dillon Consulting Limited (MB)  
No. 1789 Date: 2018/02/09

DESIGNED BY	DRA / MS	CHECKED BY	SSR
DRAWN BY	NBG	APPROVED BY	MBL
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERTICAL	AS SHOWN		
ISSUED FOR TENDER	18/02/09	DRA	
NO. REVISIONS	DATE	BY	DATE
			2018/02/09

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
**D.R.C. AMORIM**  
Member  
33215  
REGISTERED PROFESSIONAL ENGINEER  
CONSULTANT PROJECT NUMBER  
17-5932

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
**Winnipeg**  
**FERMOR AVENUE BRIDGE OVER SEINE RIVER**  
BRIDGE RE-HABILITATION, PEDESTRIAN-CYCLIST UNDERPASS STRUCTURE AND ROADWORKS FROM ST. ANNE'S ROAD TO ARCHIBALD STREET  
CITY DRAWING NUMBER  
B-118-2017-CS-034  
SHEET  
034 OF 100  
CONSULTANT DRAWING NUMBER  
CS - 034  
EXISTING AND REHABILITATED  
BRIDGE DECK DETAILS 2 OF 3

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