

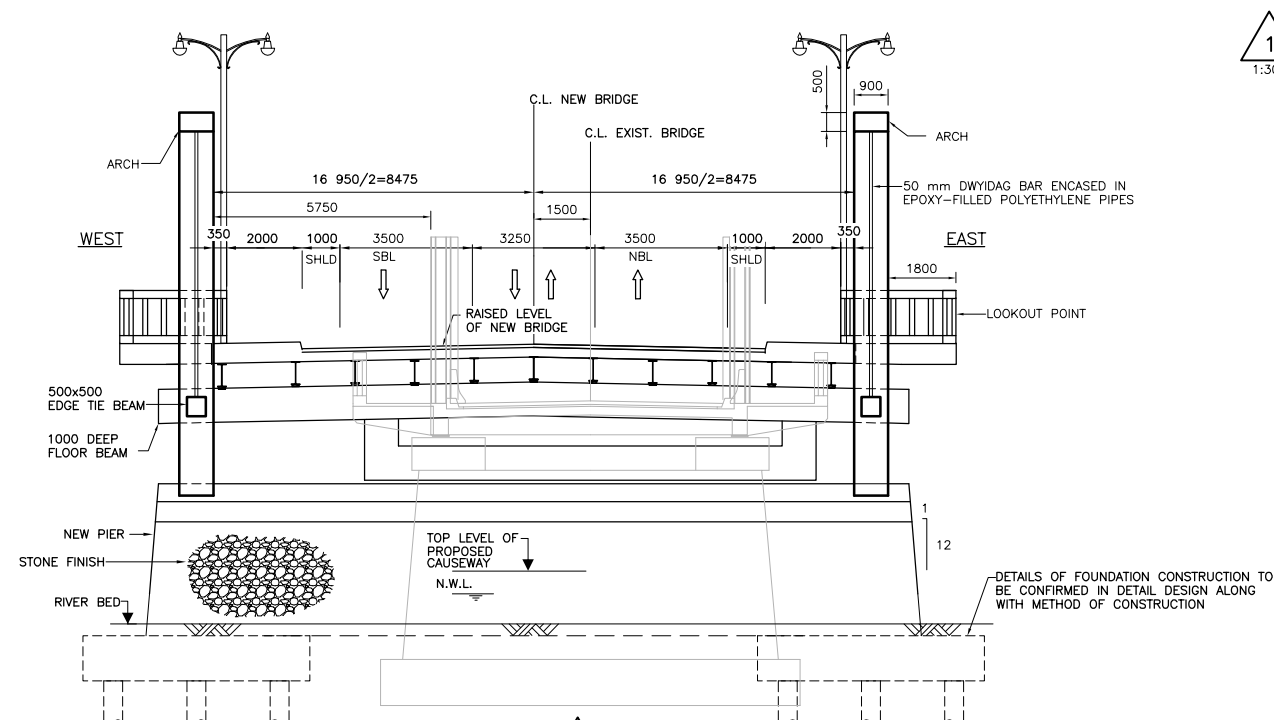
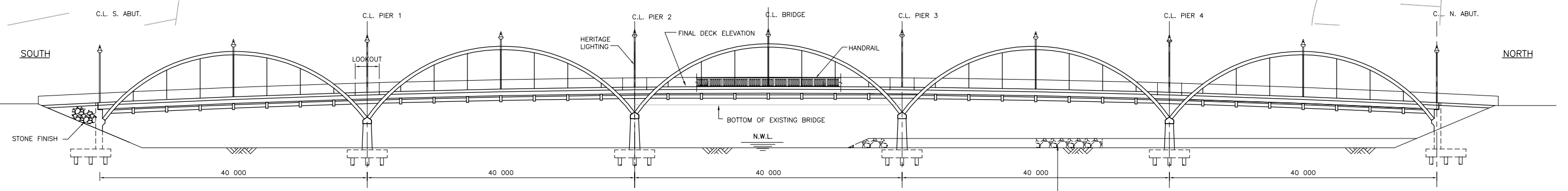
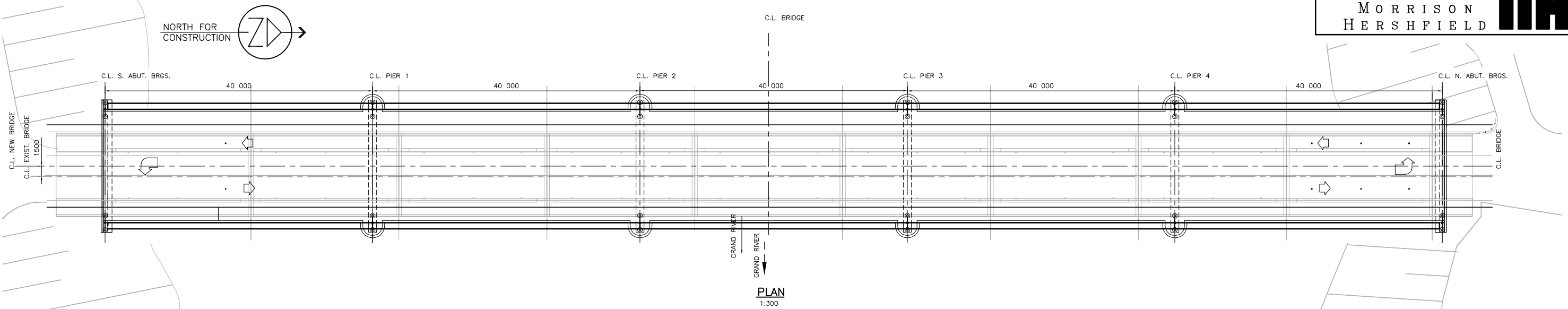
METRIC
DIMENSIONS ARE IN METRES
AND/OR MILLIMETRES
UNLESS OTHERWISE SHOWN

DIST. No.
CONT. No. XXX-XX-XX
WP. No. XXX-XX-XX

HWY 6 GRAND RIVER BRIDGE
IN CALEDONIA
STRUCTURE REPLACEMENT
GENERAL ARRANGEMENT

SHEET

MORRISON
HERSHFIELD



- LEGEND:**
- T/P - TOP OF PAVEMENT
 - T/C - TOP OF CONCRETE
 - T/F - TOP OF FOOTING
 - WP - WORKING POINT
 - ALT - ALTERNATE
 - IF - INSIDE FACE
 - OF - OUTSIDE FACE
 - EF - EACH FACE
 - C.J. - CONSTRUCTION JOINT
 - SBGR - STEEL BEAM GUIDE RAIL
 - S.S. - STAINLESS STEEL
 - U.N.O. - UNLESS NOTED OTHERWISE
 - N.T.S. - NOT TO SCALE
- REMOVAL
 - NEW CONCRETE
 - NEW ASPHALT

- GENERAL NOTES:**
- CLASS OF CONCRETE 30 MPa
 - CLEAR COVER TO REINFORCING STEEL:
DECK TOP70 ± 20 mm
DECK BOTTOM.....40 ± 10 mm
REMAINDER.....70 ± 20 mm
UNLESS NOTED OTHERWISE.
 - REINFORCING STEEL SHALL BE GRADE 400 UNLESS OTHERWISE SPECIFIED. BAR MARKS WITH PREFIX 'S' DENOTE STAINLESS STEEL BARS. STAINLESS STEEL REINFORCING SHALL BE TYPE 316LN OR DUPLEX 2205 AND HAVE A MINIMUM YIELD STRENGTH OF 420 MPa. UNLESS SHOWN OTHERWISE, TENSION LAP SPLICES SHALL BE CLASS B. BAR HOOKS SHALL HAVE STANDARD HOOK DIMENSIONS USING MINIMUM BEND DIMENSIONS. ALL HOOKS SHALL BE IN ACCORDANCE WITH STRUCTURAL STANDARD DRAWINGS SS12-1 AND SS12-2 UNLESS INDICATED OTHERWISE.
 - FOR DETAIL OF HERITAGE LIGHTING, SEE SEPARATE SKETCH

DRAWING NOT TO BE SCALED
100 mm ON ORIGINAL DRAWING

REVISIONS		DATE		BY		DESCRIPTION	
DESIGN	JCY	CHK.	EL	CODE	XX	LOAD	XX
DRAWN	FW	CHK.	JCY	SITE	XX-XXX	DATE	MARCH 2008
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PRELIMINARY

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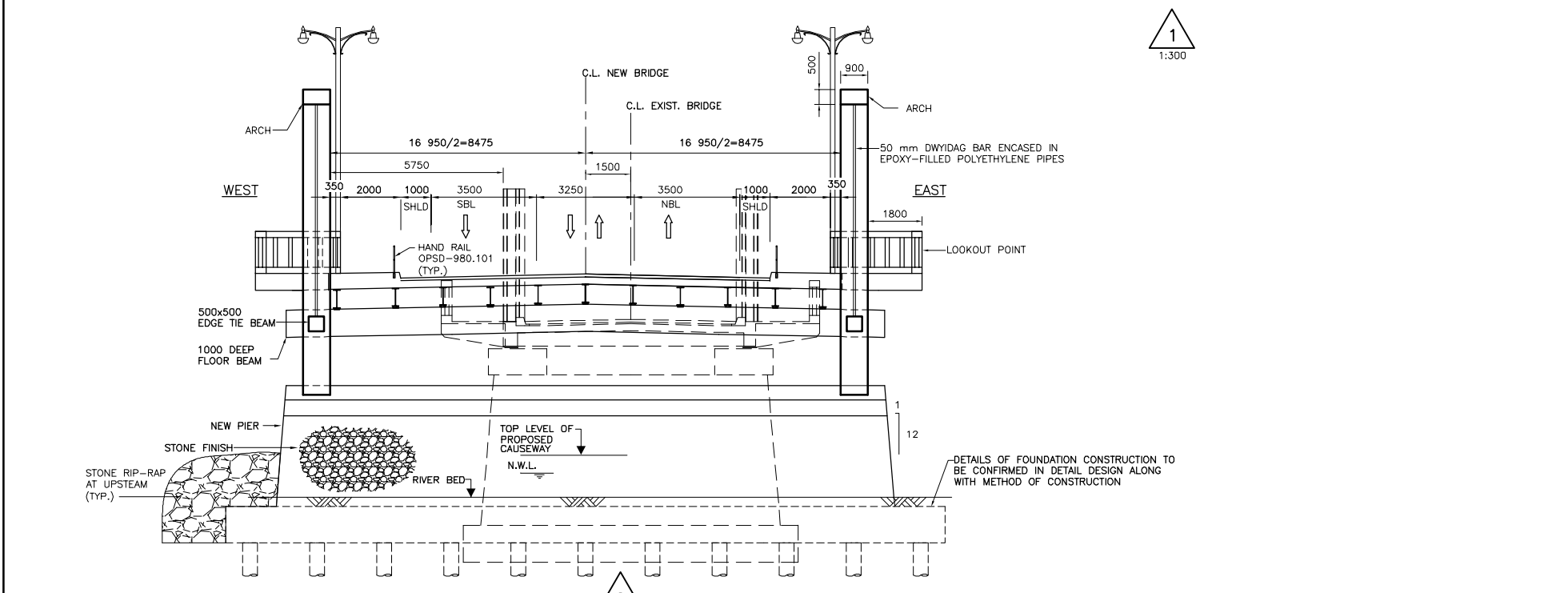
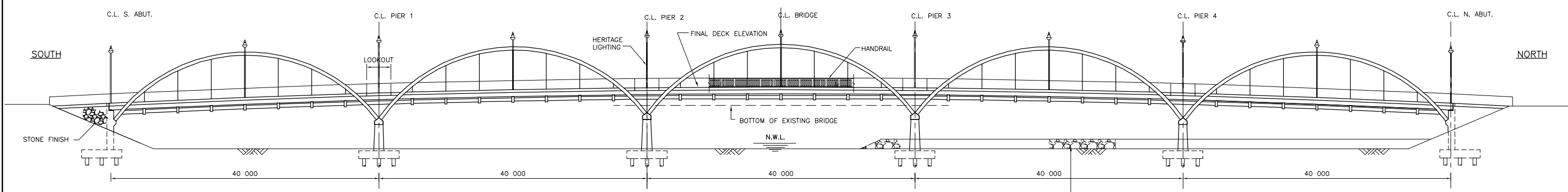
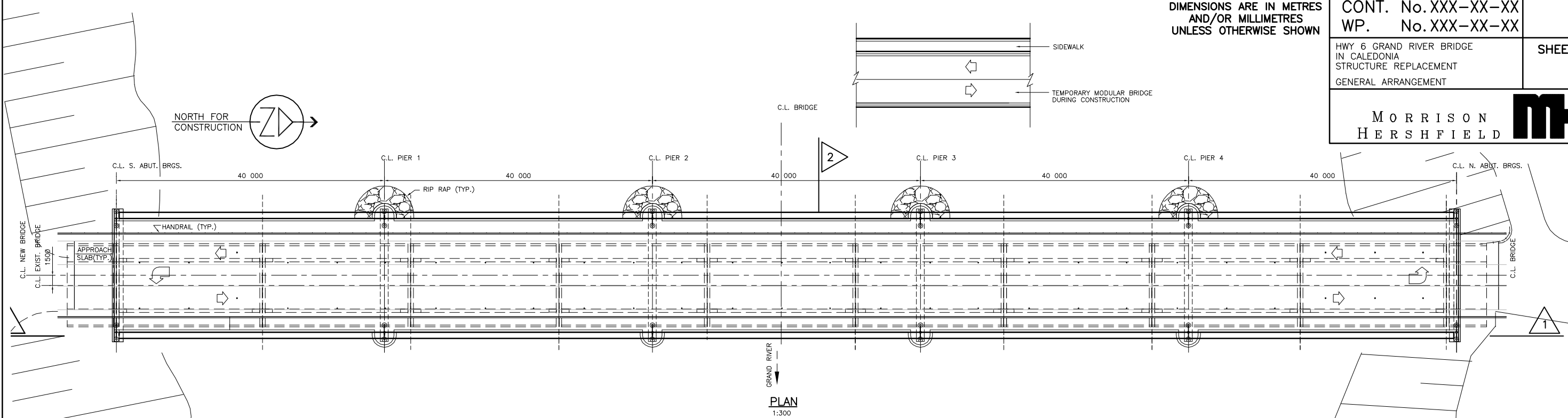
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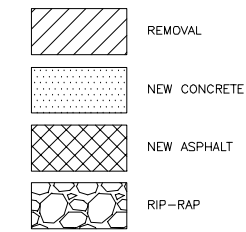
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PRELIMINARY

REVISIONS	DATE	BY	DESCRIPTION
DESIGN	JCY	CHK. EL	CODE XX LOAD xx DATE OCTOBER 2008
DRAWN	FW	CHK. JCY	SITE XX-XXX DWG. 1

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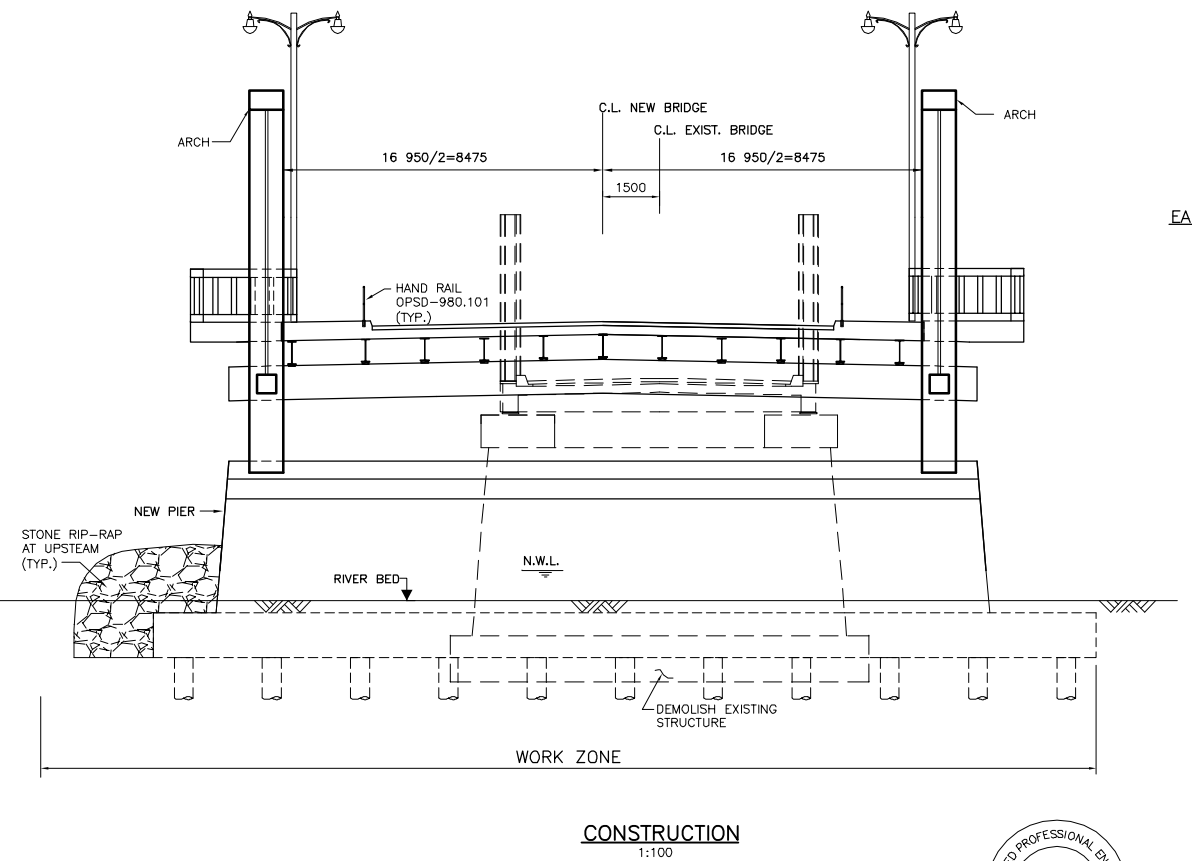
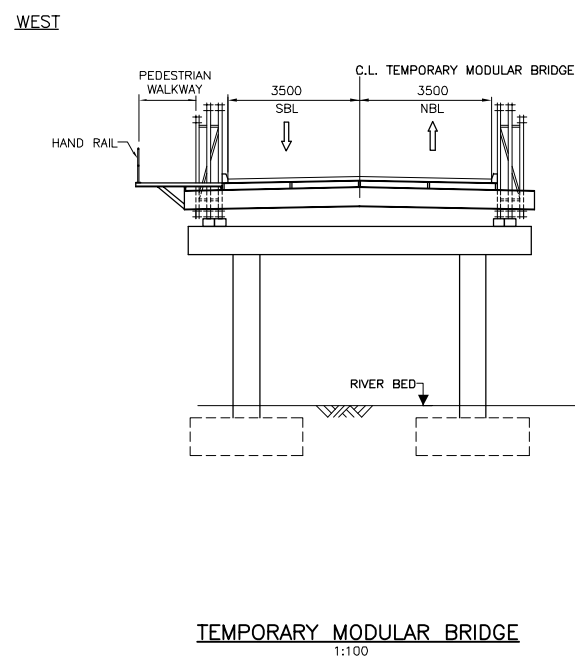
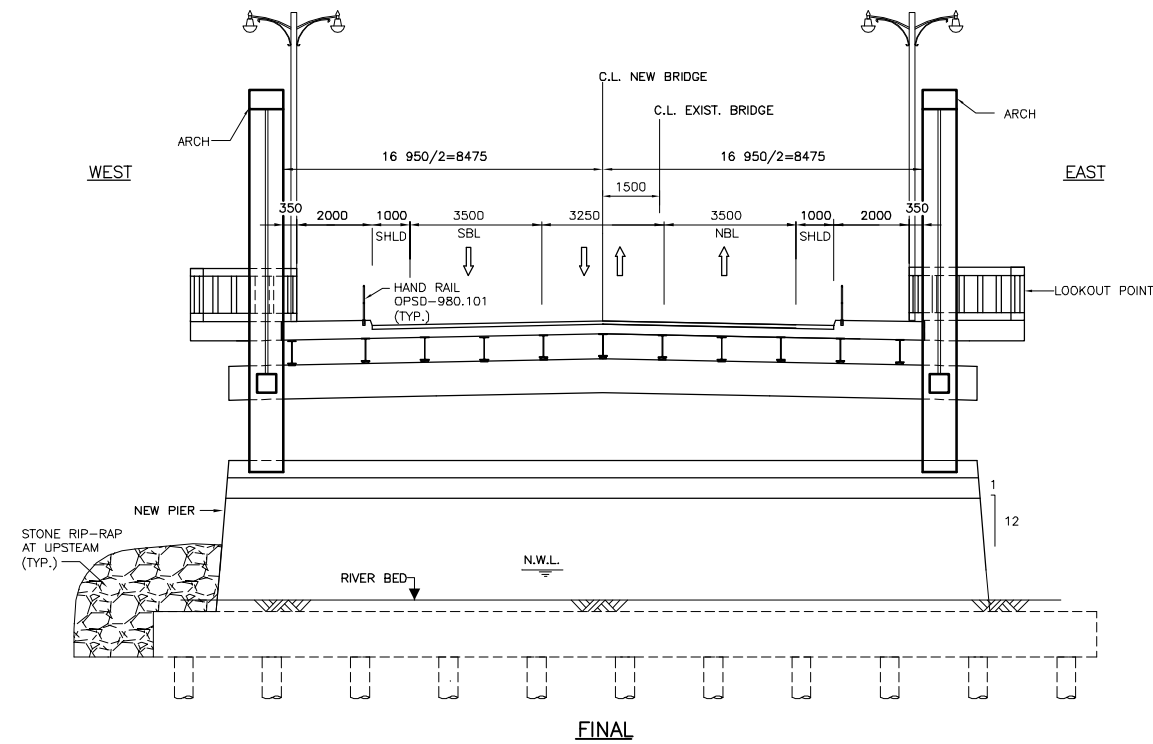
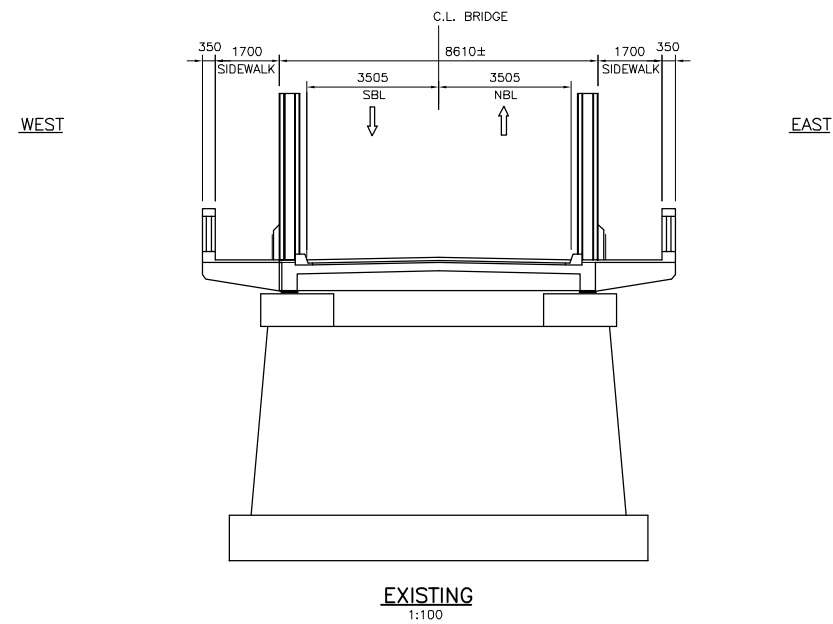
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HWY 6 GRAND RIVER BRIDGE
IN CALEDONIA
STRUCTURE REPLACEMENT
CONSTRUCTION STAGING

SHEET
XXX

MORRISON
HERSHFIELD



PROPOSED SEQUENCE OF WORK:

1. CONSTRUCT FOUNDATION AND SUBSTRUCTURE OF TEMPORARY MODULAR BRIDGE.
2. INSTALL TEMPORARY MODULAR BRIDGE SUPERSTRUCTURE.
3. DETOUR ARGYLE STREET TRAFFIC (VEHICULAR AND PEDESTRIAN) TO THE TEMPORARY MODULAR BRIDGE.
4. BUILD CAUSEWAYS FOR BRIDGE CONSTRUCTION.
5. REMOVE EXISTING BRIDGE INCLUDING SUBSTRUCTURE.
6. REMOVE EXISTING BRIDGE FOUNDATION (IN-WATER WORK).
7. CONSTRUCTION FOUNDATIONS AND PIERS ON CAISSONS.
8. BUILD SUPERSTRUCTURE INCLUDING NEW CONCRETE DECK, APPROACH SLABS AND INSTALL STRINGERS.
9. REMOVE CAUSEWAYS UNDER BRIDGE.
10. CONSTRUCT CURBS, SIDEWALKS, LOOK-OUT POINTS, HAND RAILINGS.
11. APPLY WATERPROOFING AND PAVE, INSTALL LANE MARKING AND LIGHTING.
12. DIVERT TRAFFIC (VEHICULAR AND PEDESTRIAN) BACK ON THE NEW BRIDGE.
13. REMOVE TEMPORARY MODULAR BRIDGE AND REINSTATE RIVER BED.

NOTES:

1. FOR APPROACH ROADWAY CONSTRUCTION AND TEMPORARY ROAD TO ACCESS MODULAR BRIDGE, SEE ROADWAY DRAWINGS.
2. PLACE AND RELOCATE ALL NECESSARY SAFETY DEVICES FOR TRAFFIC CONTROL.
3. CONSTRUCTION STAGING SHOWN ON THIS DRAWING ARE FOR STRUCTURAL REPLACEMENT ONLY, AND SHALL BE READ IN CONJUNCTION WITH CORRESPONDING STAGING FOR ROADWAY WORK.



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DATE	BY	DESCRIPTION		DATE	
DESIGN	JCY	CHK. EL	CODE XX	LOAD xx	DATE OCTOBER 2008
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