

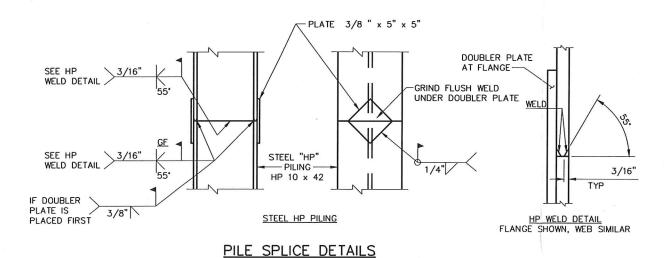
STATE PROJECT NUMBER

5025-00-71

## TOTAL ESTIMATED QUANTITIES

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TEM NUMBER	BID ITEMS	UNIT	W ABUT	E ABUT	SUPER	TOTALS
203.0600.S	REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS STA 10+00	LS				
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-41-0302	LS				
210.0100	BACKFILL STRUCTURE	CY				
502.0100	CONCRETE MASONRY BRIDGES	CY				
502.3200	PROTECTIVE SURFACE TREATMENT	SY		, <del>====</del> ,		
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB				
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB				
550,1100	PILING STEEL HP 10-INCH x 42 LB	LF				
513.4061	RAILING TUBULAR TYPE M (STRUGTURE) B-41-0302	LF				
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY				
606.0300	RIPRAP HEAVY	CY				
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF				
645.0120	GEOTEXTILE FABRIC TYPE HR	SY				
	NON-BID ITEMS					1
	FILLER	SIZE				
					-,	
	203.0600.S 206.1000 210.0100 502.0100 502.3200 505.0400 505.0600 550.1100 513.4061 516.0500 606.0300 612.0406 645.0120	206.1000 EXCAVATION FOR STRUCTURES BRIDGES B-41-0302  210.0100 BACKFILL STRUCTURE  502.0100 CONCRETE MASONRY BRIDGES  502.3200 PROTECTIVE SURFACE TREATMENT  505.0400 BAR STEEL REINFORCEMENT HS STRUCTURES  505.0600 BAR STEEL REINFORCEMENT HS COATED STRUCTURES  550.1100 PILING STEEL HP 10-INCH × 42 LB  513.4061 RAILING TUBULAR TYPE M (STRUCTURE) B-41-0302  516.0500 RUBBERIZED MEMBRANE WATERPROOFING  606.0300 RIPRAP HEAVY  612.0406 PIPE UNDERDRAIN WRAPPED 6-INCH  645.0120 GEOTEXTILE FABRIC TYPE HR	203.0600.S REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS STA 10+00  206.1000 EXCAVATION FOR STRUCTURES BRIDGES B-41-0302  LS  210.0100 BACKFILL STRUCTURE  502.0100 CONCRETE MASONRY BRIDGES  502.3200 PROTECTIVE SURFACE TREATMENT  SY  505.0400 BAR STEEL REINFORCEMENT HS STRUCTURES  LB  505.0600 BAR STEEL REINFORCEMENT HS COATED STRUCTURES  LB  550.1100 PILING STEEL HP 10-INCH x 42 LB  513.4061 RAILING TUBULAR TYPE M (STRUCTURE) B-41-0302  LF  516.0500 RUBBERIZED MEMBRANE WATERPROOFING  SY  606.0300 RIPRAP HEAVY  CY  612.0406 PIPE UNDERDRAIN WRAPPED 6-INCH  645.0120 GEOTEXTILE FABRIC TYPE HR  NON-BID ITEMS	203.0600.S REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS STA 10+00  206.1000 EXCAVATION FOR STRUCTURES BRIDGES B-41-0302  LS ——  210.0100 BACKFILL STRUCTURE  502.0100 CONCRETE MASONRY BRIDGES  502.3200 PROTECTIVE SURFACE TREATMENT  SY ——  505.0400 BAR STEEL REINFORCEMENT HS STRUCTURES  LB  505.0600 BAR STEEL REINFORCEMENT HS COATED STRUCTURES  LB  550.1100 PILING STEEL HP 10-INCH x 42 LB  513.4061 RAILING TUBULAR TYPE M (STRUCTURE) B-41-0302  LF  516.0500 RUBBERIZED MEMBRANE WATERPROOFING  SY  606.0300 RIPRAP HEAVY  612.0406 PIPE UNDERDRAIN WRAPPED 6-INCH  645.0120 GEOTEXTILE FABRIC TYPE HR  NON-BID ITEMS	203.0600.S REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS STA 10+00 LS ——————————————————————————————————	203.0600.S REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS STA 10+00  206.1000 EXCAVATION FOR STRUCTURES BRIDGES B-41-0302  210.0100 BACKFILL STRUCTURE  502.0100 CONCRETE MASONRY BRIDGES  502.3200 PROTECTIVE SURFACE TREATMENT  505.0400 BAR STEEL REINFORCEMENT HS STRUCTURES  505.0600 BAR STEEL REINFORCEMENT HS COATED STRUCTURES  505.01100 PILING STEEL HP 10-INCH x 42 LB  513.4061 RAILING TUBULAR TYPE M (STRUCTURE) B-41-0302  516.0500 RUBBERIZED MEMBRANE WATERPROOFING  606.0300 RIPRAP HEAVY  612.0406 PIPE UNDERDRAIN WRAPPED 6-INCH  645.0120 GEOTEXTILE FABRIC TYPE HR  NON-BID ITEMS

210.1500 Structure backfill type A, TON. Granular materials can be bid in units of cubic yard or tons. Structure plans (with a December 2016 letting or thereafter) should use the TON bid item, unless directed otherwise by the Region.



## GENERAL NOTES

DRAWNGS SHALL NOT BE SCALED.

ALL STATIONS AND ALL ELEVATIONS ARE IN FEET.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED OTHERWISE.

ALL REINFORCING BARS ARE ENGLISH. THE FIRST DIGIT OF A THREE-DIGIT BAR MARK OR THE FIRST TWO DIGITS OF A FOUR-DIGIT BAR MARK SIGNIFIES THE BAR SIZE.

JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF A.A.S.H.T.O. DESIGNATION M 153, TYPE I, II OR III OR A.A.S.H.T.O. DESIGNATION M 213.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH RIPRAP HEAVY AND GEOTEXTILE FABRIC TYPE 'HR' TO THE EXTENT SHOWN ON SHEET 1 AND AND IN THE ABUTMENT DETAILS.

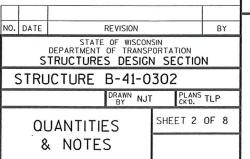
STEEL 'HP' PILE MATERIAL SHALL BE A.S.T.M. DESIGNATION

THE EXISTING STRUCTURE (P-41-0175) IS A 28.5' LONG BY 22.5' WDTH SINGLE-SPAN CONCRETE DECK BRIDGE.

THE PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED TO THE TOP AND EDGES OF THE SLAB AND TO THE OUTSIDE 1'-0" OF THE UNDERSIDE OF THE SLAB.

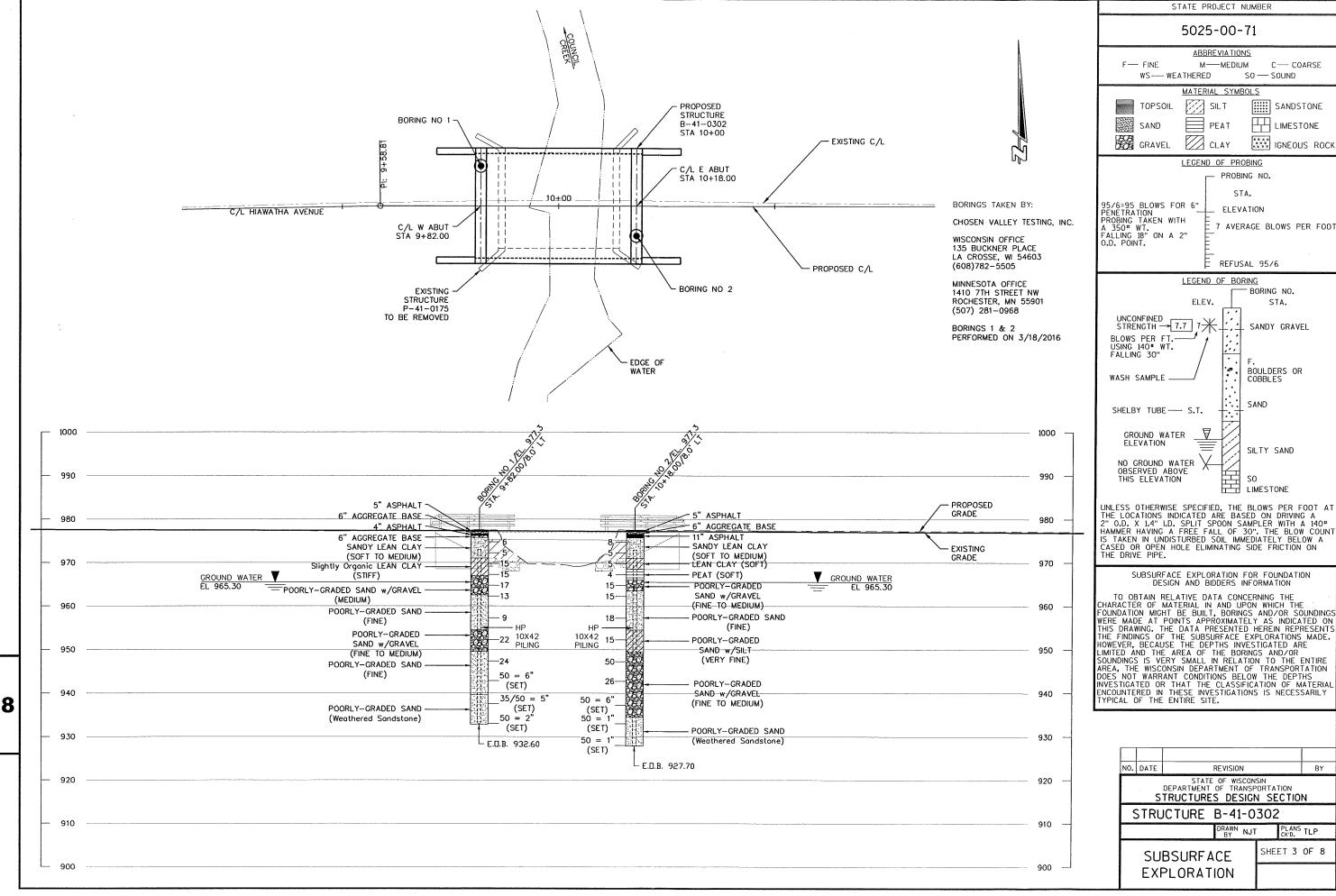
AT THE BACKFACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE IN PLACE BEFORE ABUTMENT CONSTRUCTION AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE.

THE GRADATION OF THE BACKFILL STRUCTURE SHALL MEET THE REQUIREMENTS OF SECTION 209.2.2 OF THE STANDARD SPECIFICATIONS FOR GRADE 1 MATERIAL.



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SCALE = 1:2



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CALE = 1

