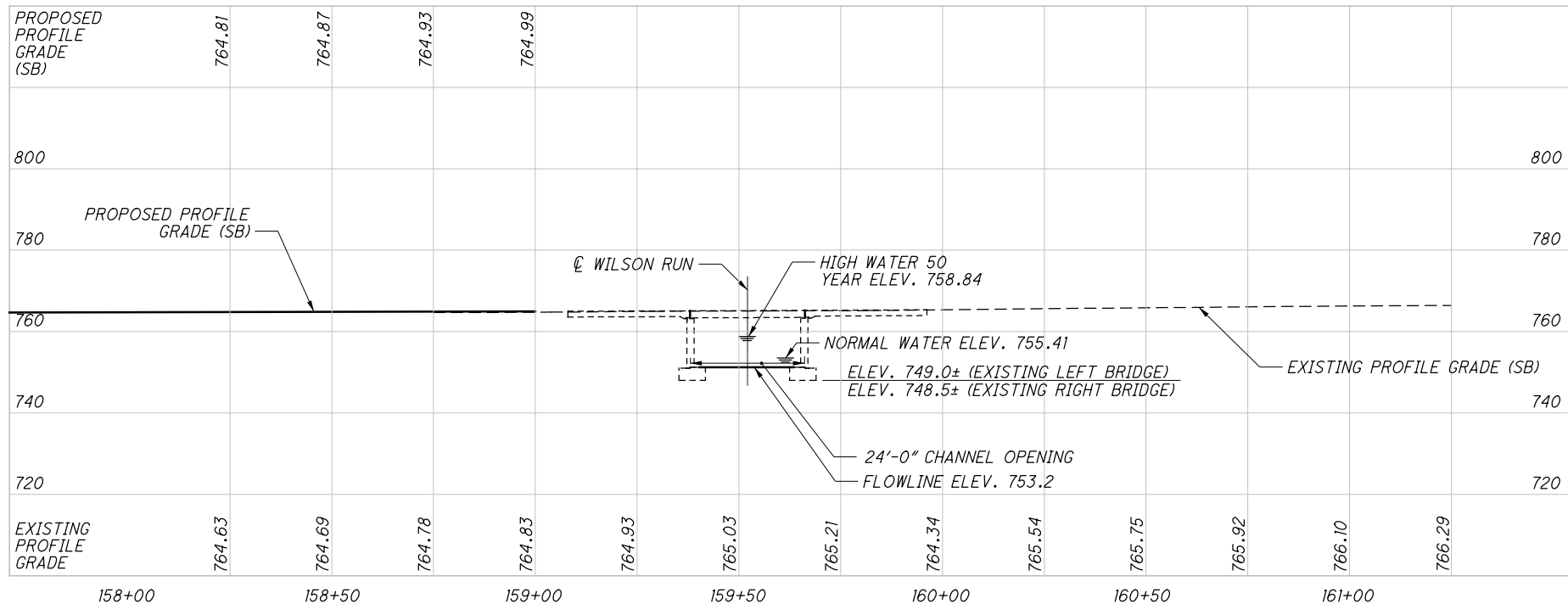


EXISTING BORING LOCATIONS			
BORING	STATION	OFFSET	TOP OF ROCK ELEV.
B-1	159+00.74	77.20 LT.	750.7
B-6	159+60.09	0.17 RT.	748.9
B-7	159+49.25	55.19 RT.	726.8

HYDRAULIC DATA

DRAINAGE AREA = 2.54 SQ. MILES
Q (50) = 786 CFS V (50) = 6.08 FT/S
Q (100) = 909 CFS V (100) = 5.49 FT/S



PROFILE ALONG PROFILE GRADE S.R. 315 SB

BENCHMARK DATA

BM #1 STA. 166+27.48 (S.R. 315), ELEV. 769.85, OFFSET 71.48' LT.
IRON PIPE WITH URS CAP ON WEST RIGHT OF WAY
BM #2 STA. 160+33.94 (S.R. 315), ELEV. 755.28, OFFSET 207' RT.
CHISELED SQUARE ON THE NORTH EAST CORNER AT THE BOTTOM
END CULVERT FISHER RUN (EAST)

NOTES

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 17TH EDITION - 2002 AND THE 2004 ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA

DESIGN LOADING: CF400 (57)

LEGEND

- BORING LOCATION
- LIMITS OF WEARING COURSE REMOVED, ASPHALT AND ASPHALT OVERLAY
- LIMITS OF MICRO SILICA MODIFIED CONCRETE OVERLAY

DESIGN TRAFFIC:

S.R. 315 NORTHBOUND
2008 ADT = 11,800 2008 ADTT = 236
2028 ADT = 21,370 2028 ADTT = 427

S.R. 315 SOUTHBOUND
2008 ADT = 16,670 2008 ADTT = 333
2028 ADT = 30,890 2028 ADTT = 618

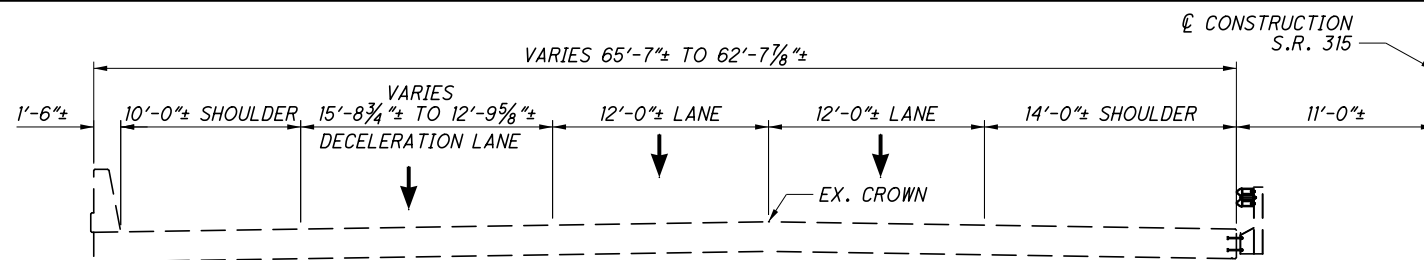
EXISTING STRUCTURE

TYPE: REINFORCED CONCRETE SLAB AND SUBSTRUCTURE
SPANS: 25.54'± F/F ABUTMENTS (MEASURED ALONG \angle S.R. 315)
ROADWAY: 62'-7 $\frac{1}{8}$ "± TO 65'-7"± O/O DECK, LEFT BRIDGE
53'-6"± O/O DECK, RIGHT BRIDGE
LOADING: CF400 (57)
WEARING SURFACE: MICRO SILICA CONCRETE
SKEW: 20°00'00" RIGHT FORWARD
APPROACH SLABS: 25'-0" LONG (AS-1-54)
ALIGNMENT: TANGENT
CROWN: 0.016 FT/FT
STRUCTURE FILE NUMBER: LEFT BRIDGE 2515962
RIGHT BRIDGE 2515997
DATE BUILT: 1967 (REHABILITATED 1997, 2007, AND 2008)

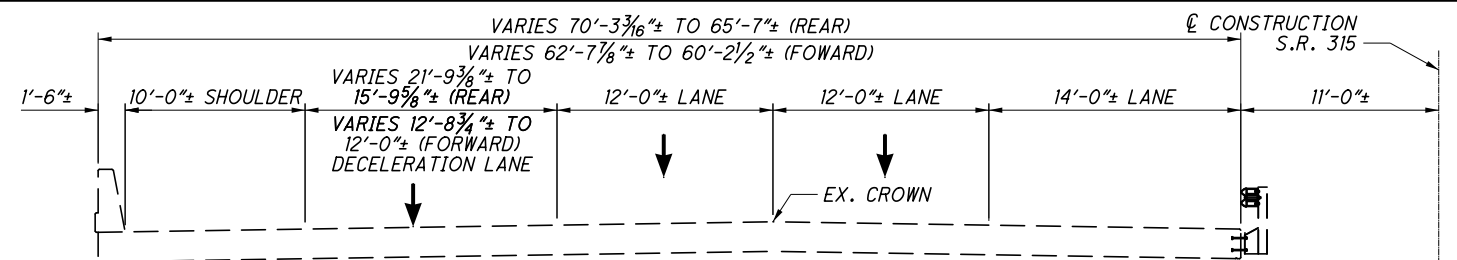
PROPOSED WORK

PROPOSED WORK:
REMOVE EXISTING 2 $\frac{1}{2}$ " MICRO SILICA MODIFIED CONCRETE OVERLAY FROM BRIDGE DECK AND EXISTING 2 $\frac{1}{2}$ " ASPHALT OVERLAY FROM THE APPROACH SLABS FOR THE LIMITS SHOWN.
PLACE NEW MICRO SILICA MODIFIED CONCRETE OVERLAY ON BRIDGE DECK AND NEW ASPHALT OVERLAY ON THE APPROACH SLABS FOR THE LIMITS SHOWN.

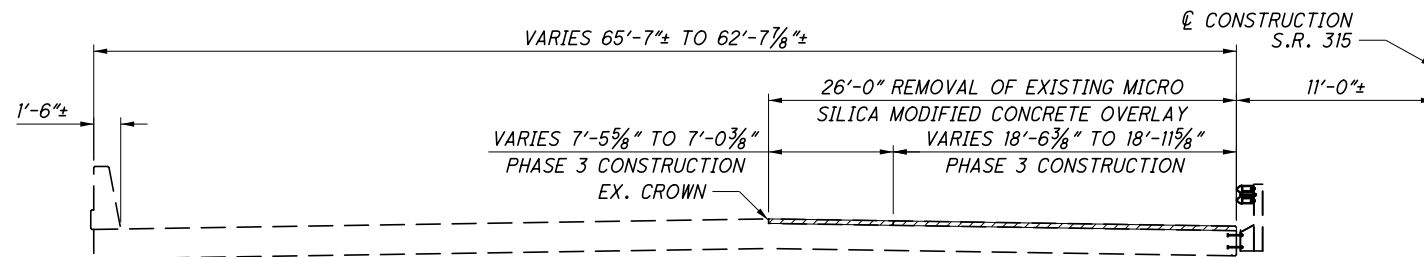
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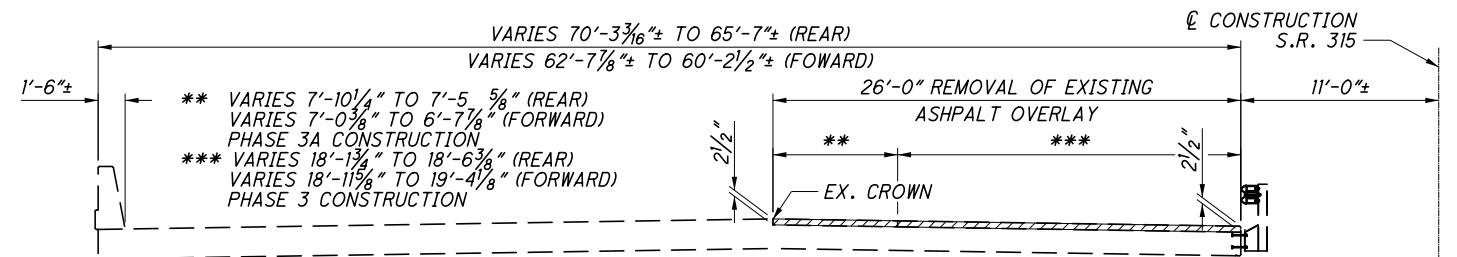
EXISTING SOUTH BOUND SECTION



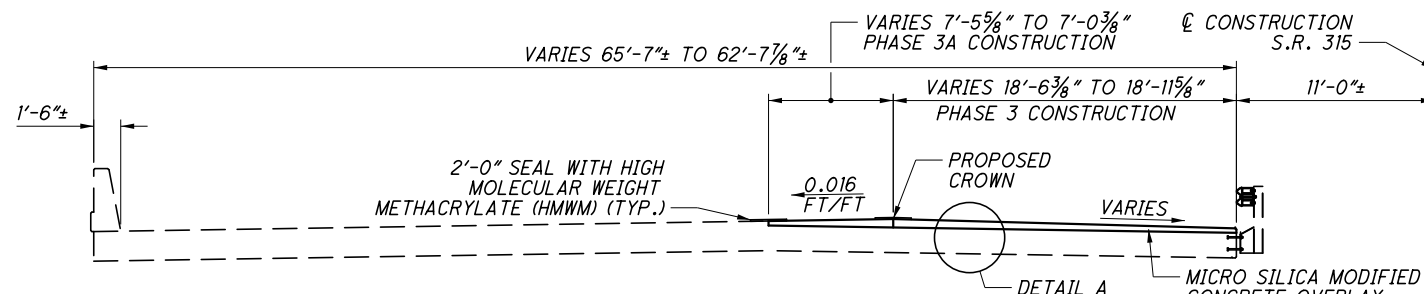
EXISTING SOUTH BOUND APPROACH SLAB SECTION



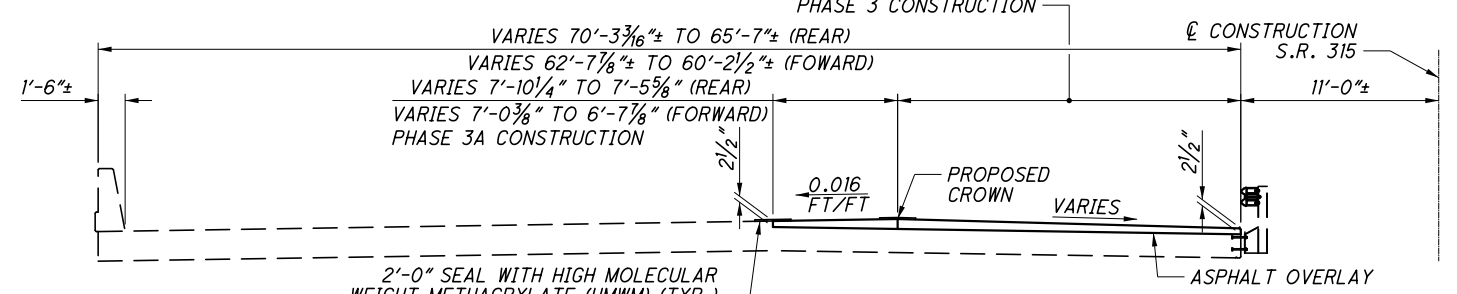
EXISTING SOUTH BOUND STRUCTURE REMOVAL SECTION



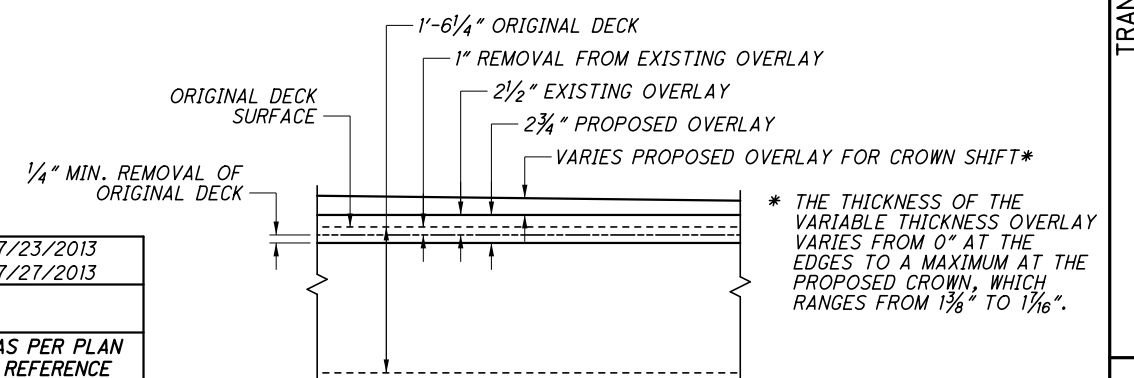
EXISTING SOUTH BOUND APPROACH SLAB REMOVAL SECTION



PROPOSED OVERLAY ON EXISTING SOUTH BOUND SECTION



PROPOSED OVERLAY ON EXISTING SOUTH BOUND APPROACH SLAB SECTION



DETAIL A

ESTIMATED QUANTITIES					
ITEM	EXTENSION	TOTAL (09/NHS/BR)	UNIT	DESCRIPTION	AS PER PLAN REFERENCE SHEET NUMBER
407	14000	6	GALLON	TACK COAT FOR INTERMEDIATE COURSE	6
442	10001	8	CU YD	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN	8
442	10101	5	CU YD	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN	5
512	10300	36	SQ YD	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN	36
847	10000	82	SQ YD	MICRO SILICA MODIFIED CONCRETE OVERLAY (T = 2.75")	82
847	20000	2	CU YD	MICRO SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY	2
847	30000	LUMP		TEST SLAB	
847	30300	145	SQ YD	WEARING COURSE REMOVED, ASPHALT	145
847	30400	82	SQ YD	EXISTING CONCRETE OVERLAY REMOVED (T = 2.5")	82
847	50000	8	SQ YD	HAND CHIPPING	8

- NOTES:
- FOR FINAL ELEVATIONS OF CROWN SHIFT, SEE PAVEMENT DETAILS IN ROADWAY PLANS.
 - FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION, SEE ROADWAY PLANS.
 - THE ASPHALT OVERLAY ON THE APPROACH SLABS SHALL CONSIST OF ITEM 442 - 1 1/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), ITEM 407 - TACK COAT FOR INTERMEDIATE COURSE, AND ITEM 442 - VARIABLE THICKNESS ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A, PG 76-22M (446). THE THICKNESS OF THE SURFACE COURSE VARIES FROM 1 1/4" TO 2 3/4".