



MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ENGLISH PLAN SHEET

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**GENERAL NOTES**

- ① FOR A LIST OF PUBLIC UTILITIES, SEE WK. SHEET 3.
- ② UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF WAY. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
- ③ THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- ④ IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. EXTREME CARE SHOULD BE EXERCISED IN UNDERCUT AREAS AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
- ⑤ THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHORING, OR ANY GROUND SUPPORT SYSTEM REQUIRED TO PREVENT A FAILURE FROM OCCURRING DURING EXCAVATION. PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING AND CONSTRUCTING THE FACILITY, ARE NOT CONSIDERED A SEPARATE PAY ITEM.
- ⑥ WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION, OR ANY STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
- ⑦ REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
- ⑧ REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
- ⑨ VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ⑩ WHEN SHOWN AS A PAY ITEM, EXCESS EXCAVATION WILL CONSIST OF EXCAVATION WHICH CANNOT BE SATISFACTORILY USED OR DISPOSED OF WITHIN THE RIGHT-OF-WAY. EXCLUSIVE OF MUCK EXCAVATION, EXCESS MAY INCLUDE ANY TYPE, KIND, OR CLASS OF EXCAVATION WHICH THE ENGINEER DETERMINES MUST BE REMOVED FROM THE RIGHT-OF-WAY. IT WILL NOT INCLUDE ANY EXCESS CAUSED BY THE CONTRACTOR IMPORTING TOO MUCH EXCAVATION FROM OUTSIDE THE ROADWAY STRUCTURE; IN SUCH CASE, THE EXCESS EXCAVATION SHALL BE REMOVED FROM THE RIGHT-OF-WAY WITHOUT COST TO THE STATE.
- ⑪ 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS ARE FOR DESIGN PURPOSES ONLY.
- ⑫ EXISTING ROADWAY TO BE SITE GRADED TO DRAIN AFTER REMOVAL OF DESIGNATED PAVEMENT AND EXISTING BRIDGES. SITE GRADING WILL BE AT CONTRACTOR'S EXPENSE.
- ⑬ A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
- ⑭ EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF FOUR (4) BALES EVERY TWENTY FIVE (25) TO ONE HUNDRED (100) L.F. OF DITCH. EIGHT (8) BALES PER INLET AND FOUR (4) BALES PER PIPE OUTLET. THIS MAY BE REQUIRED AS A TEMP EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES ARE INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING CONSTRUCTION (SEE WK. NO. TEC-1).
- ⑮ ALL EXISTING CULVERT PIPES OR OTHER OBSTRUCTIONS WHICH CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED (NOT A SEPARATE PAY ITEM). THE ENDS OF EXISTING PIPES TO BE ABANDONED IN PLACE SHALL BE PLUGGED WITH CONCRETE (NOT A SEPARATE PAY ITEM).
- ⑯ WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE (NOT A SEPARATE PAY ITEM).
- ⑰ ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- ⑱ TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT AND STRAIGHTNESS.
- ⑲ FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- ⑳ THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).
- ㉑ THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLAN, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ㉒ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- ㉓ ALL WORK ZONE CHANNELIZING DEVICES FOR OVERNIGHT LANE CLOSURES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 48 INCHES AND HAVE A BASE WITH A MINIMUM WEIGHT OF SIXTEEN (16) POUNDS. ALL TRANSITION TAPER AND LONGITUDINAL BUFFER SPACE CHANNELIZING DEVICES SHALL BE FREE STANDING PLASTIC DRUMS. ALL CHANNELIZING DEVICES SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
- ㉔ CONES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF TEN (10) POUNDS. CONES USED IN SPEED ZONES EQUAL TO OR GREATER THAN 45 MPH SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF FIFTEEN (15) POUNDS. ALL CONES SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
- ㉕ ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
- ㉖ PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHOULD BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.
- ㉗ SOME WORK MAY BE REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
- ㉘ ANYWHERE IN THESE PLANS, WHEN REFERENCE IS MADE TO PROJECT NUMBER NH-0059-02(091), IT IS UNDERSTOOD THAT THE CORRECT PROJECT NUMBER IS IM-0059-02(091).

PS & E PLANS-DATE 3-15-06		
FMS CON. # 102340/301000		
REVISIONS		
DATE	SHEET NO.	BY
3/29/06	1, 2, 11, 19	SLH
4/17/06	1, 2, 11, 12, 14, 15	SLH
	26.1, 466, 683	
	707, 735	
4/28/06	13	SLH

GARVER ENGINEERS, LLC BRANDON, MISSISSIPPI	CHANGED PROJECT NUMBER	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>DETAILED INDEX &amp; GENERAL NOTES</b> <b>ROADWAY</b> <b>PROJECT NO. IM-0059-02(091)</b> <b>JONES COUNTY</b>	WORKING NUMBER
	ADD GEN. NOTE	BY		DI-1 of 5
	REVISION	BY		SHEET NUMBER
	DATE	BY		FILENAME: DI059.DGN
	DATE	BY		DESIGN TEAM JAN CHECKED SLH DATE 11/05

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ENGLISH PLAN SHEET

DESCRIPTION OF SHEET	REVISION DATE	WK. NO.	SH. NO.
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STATE	PROJECT NO.
MISS.	NH-0059-02(063)

GARVER ENGINEERS, LLC BRANDON, MISSISSIPPI	REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>DETAILED INDEX</b>
	REVISION	<b>ROADWAY PROJECT NO. NH-0059-02(063) JONES COUNTY</b>
	REVISION	WORKING NUMBER <b>DI-20f5</b>
	REVISION	FILENAME: DI059.DGN SHEET NUMBER <b>3</b>

DATE: DESIGN TEAM: JAN CHECKED: SLH DATE: 11/05

PROJECT NO.:

DESCRIPTION OF SHEET	WORKING NO.	SHEET NO.
SUMMARY OF QUANTITIES	A1	466
OVERALL BRIDGE LAYOUT	A2	467
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I-59 OVER BEACON ST., ROYAL ST., MAGNOLIA ST., ELLISVILLE BLVD., THE ALABAMA GREAT SOUTHERN RAILROAD, MAPLE ST., AND S. 6TH AVENUE	A8	473
I-59 OVER BEACON ST., ROYAL ST., MAGNOLIA ST., ELLISVILLE BLVD., THE ALABAMA GREAT SOUTHERN RAILROAD, MAPLE ST., AND S. 6TH AVENUE	A9	474
I-59 OVER BEACON ST., ROYAL ST., MAGNOLIA ST., ELLISVILLE BLVD., THE ALABAMA GREAT SOUTHERN RAILROAD, MAPLE ST., AND S. 6TH AVENUE	A10	475
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BENT 2L DETAILS	A34	499
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BENT 3L DETAILS	A36	501
BENT 4L DETAILS	A37	502
BENT 5L DETAILS	A38	503
BENT 6L DETAILS	A39	504
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BENT 8L DETAILS	A44	509
BENT 9L DETAILS	A45	510
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BENT 18L DETAILS	A61	526
BENT 18L DETAILS	A62	527
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BENT 2R DETAILS	A67	532
BENT 3R DETAILS	A68	533
BENT 3R DETAILS	A69	534
BENT 4R DETAILS	A70	535
BENT 5R DETAILS	A71	536
BENT 6R DETAILS	A72	537
BENT 7R DETAILS	A73	538
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BENT 9R DETAILS	A75	540
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BENT 10R DETAILS	A77	542
BENT 10R DETAILS	A78	543
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BENT 12R DETAILS	A82	547
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BENT 13R DETAILS	A84	549
BENT 14R DETAILS	A85	550
BENT 15R DETAILS	A86	551
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BENT 17R DETAILS	A89	554
BENT 18R DETAILS	A90	555
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BENT 19R DETAILS	A93	558
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SPAN 1L DETAILS	A95	560
SPAN 1L BEAM DETAILS	A96	561
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SPAN 3L DETAILS	A99	564
SPAN 4L DETAILS	A100	565
SPAN 2L - 4L DETAILS	A101	566
SPAN 2L BEAM DETAILS	A102	567
SPAN 3L BEAM DETAILS	A103	568
SPAN 3L BEAM DETAILS	A104	569
SPAN 5L DETAILS	A105	570
SPAN 5L DETAILS	A106	571
SPAN 4L & 5L FORM GRADES	A107	572
SPAN 4L & 5L BEAM DETAILS	A108	573
SPAN 6L DETAILS	A109	574
SPAN 6L DETAILS	A110	575
SPAN 6L DETAILS	A111	576
SPAN 6L FORM GRADES	A112	577
SPAN 6L FORM GRADES	A113	578
SPAN 7L DETAILS	A114	579
SPAN 7L DETAILS	A115	580
SPAN 7L FORM GRADES	A116	581
SPAN 7L BEAM DETAILS	A117	582
SPAN 8L & 9L DETAILS	A118	583
SPAN 8L & 9L DETAILS	A119	584
SPAN 8L & 9L DETAILS	A120	585
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SPAN 10L DETAILS	A123	588
SPAN 10L DETAILS	A124	589
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SPAN 11L FORM GRADES	A128	593
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SPAN 13L DETAILS	A134	599
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SPAN 15L, 16L, 16R, 17R, & 18R DETAILS	A149	614
SPAN 15L, 16L, 16R, 17R, & 18R DETAILS	A150	615
SPAN 15L, 16L, 16R & 17R DETAILS	A151	616
SPAN 15L FORM GRADES	A152	617
SPAN 15L, 16L, 16R & 17R BEAM DETAILS	A153	618
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SPAN 17L DETAILS	A155	620
SPAN 18L & 19R DETAILS	A156	621
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SPAN 17L, 18L, & 19R DETAILS	A158	623
SPAN 17L BEAM DETAILS	A159	624
SPAN 17L BEAM DETAILS	A160	625
SPAN 18L & 19R BEAM DETAILS	A161	626
SPAN 1R DETAILS	A162	627
SPAN 1R DETAILS	A163	628
SPAN 1R BEAM DETAILS	A164	629
SPAN 2R DETAILS	A165	630
SPAN 3R DETAILS	A166	631
SPAN 2R, 3R & 7R DETAILS	A167	632
SPAN 2R, 3R & 7R DETAILS	A168	633
SPAN 2R BEAM DETAILS	A169	634
SPAN 3R BEAM DETAILS	A170	635
SPAN 3R BEAM DETAILS	A171	636
SPAN 4R DETAILS	A172	637
SPAN 5R DETAILS	A173	638
SPAN 4R, 5R, 8R & 9R DETAILS	A174	639
SPAN 4R, 5R, 8R & 9R DETAILS	A175	640
SPAN 5R FORM GRADES	A176	641
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SPAN 6R DETAILS	A178	643
SPAN 6R DETAILS	A179	644
SPAN 6R FORM GRADES	A180	645
SPAN 6R BEAM DETAILS	A181	646
SPAN 7R DETAILS	A182	647
SPAN 7R FORM GRADES	A183	648
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SPAN 8R & 9R DETAILS	A186	651
SPAN 8R & 9R BEAM DETAILS	A187	652
SPAN 10R DETAILS	A188	653
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SPAN 10R DETAILS	A190	655
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SPAN 11R FORM GRADES	A194	659
SPAN 12R DETAILS	A195	660
SPAN 12R DETAILS	A196	661
SPAN 12R FORM GRADES	A197	662
SPAN 13R DETAILS	A198	663
SPAN 13R DETAILS	A199	664
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SPAN 10R, 11R, 12R & 13R BEAM DETAILS	A201	666
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SPAN 14R DETAILS	A203	668
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SPAN 14R BEAM DETAILS	A205	670
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ENGLISH PLAN SHEET

CWT L:/2005/05940060/DWG/BRIDGE/SUMMARYSHEETS.DGN 2-1-06

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BEACON SE ON RAMP OVER ROYAL ST. AND MAGNOLIA ST.	B1	683
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END BENT DETAILS	B6	688
END BENT DETAILS	B7	689
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SPAN DETAILS	B12	694
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SPAN DETAILS	B15	697
SPAN DETAILS	B16	698
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MISC. SPAN DETAILS	B18	700
110'-0" BEAM DETAILS (TYPE BT-72)	B19	701
135'-0" BEAM DETAILS (TYPE BT-72)	B20	702
125'-0" BEAM DETAILS (TYPE BT-72)	B21	703
123'-11 1/8" BEAM DETAILS (TYPE BT-72)	B22	704
NEOPRENE PAD DETAILS	B23	705
SPAN 4 FORM GRADES	B24	706
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END BENT DETAILS	D6	740
END BENT DETAILS	D7	741
INTERIOR BENT DETAILS	D8	742
INTERIOR BENT DETAILS	D9	743
INTERIOR BENT DETAILS	D10	744
SPAN DETAILS	D11	745
SPAN DETAILS	D12	746
SPAN DETAILS	D13	747
SPAN DETAILS	D14	748
MISC. SPAN DETAILS	D15	749
40'-0" BEAM DETAILS (TYPE III)	D16	750
60'-0" BEAM DETAILS (TYPE III)	D17	751
43'-0 1/8" BEAM DETAILS (TYPE III)	D18	752
NEOPRENE PAD DETAILS	D19	753
SPAN 7 FORM GRADES	D20	754
SUPERELEVATION TRANSITION DETAILS	D20.1	754.1

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BEACON NE OFF RAMP OVER MAGNOLIA STREET	C1	707
BEACON NE OFF RAMP OVER MAGNOLIA STREET	C2	708
FOUNDATION PLAN	C3	709
GENERALIZED SOIL PROFILE	C4	710
END BENT DETAILS	C5	711
END BENT DETAILS	C6	712
END BENT DETAILS	C7	713
INTERIOR BENT DETAILS	C8	714
INTERIOR BENT DETAILS	C9	715
INTERIOR BENT DETAILS	C10	716
INTERIOR BENT DETAILS	C11	717
INTERIOR BENT DETAILS	C12	718
INTERIOR BENT DETAILS	C13	719
SPAN DETAILS	C14	720
SPAN DETAILS	C15	721
SPAN DETAILS	C16	722
SPAN DETAILS	C17	723
SPAN DETAILS	C18	724
SPAN DETAILS	C19	725
SPAN DETAILS	C20	726
MISC. SPAN DETAILS	C21	727
70'-0" BEAM DETAILS (TYPE III)	C22	728
70'-0" BEAM DETAILS (TYPE III)	C23	729
70'-0" BEAM DETAILS (TYPE III)	C24	730
67'-2 7/16" BEAM DETAILS (TYPE BT-72)	C25	731
NEOPRENE PAD DETAILS	C26	732
SPANS 3 & 4 FORM GRADES	C27	733
SPAN 7 FORM GRADES	C28	734
SUPERELEVATION TRANSITION DETAILS	C28.1	734.1

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