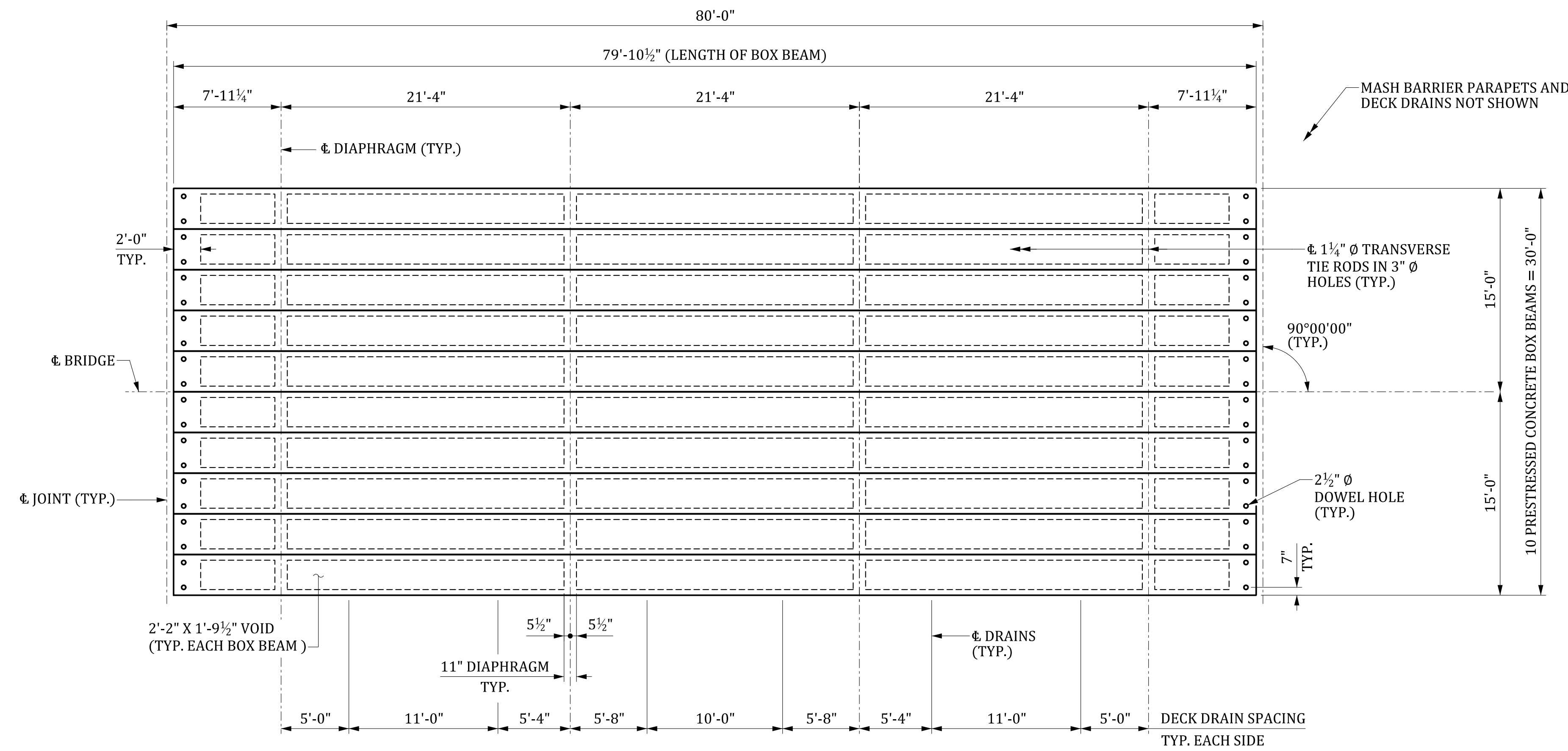
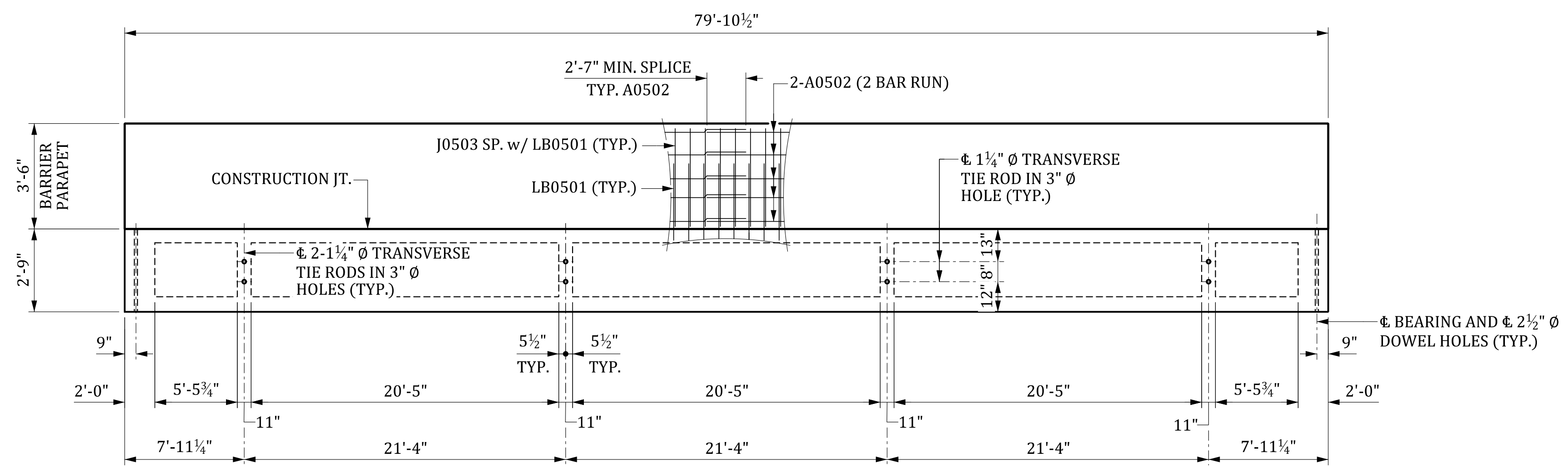


DEAD LOAD DEFLECTION & CAMBER		
CAMBER AT ERECTION (BEAM ALONE IN PLACE)		↑ 2 1/4"
DEFLECTION DUE TO BARRIER PARAPETS AND ASPHALT WEARING SURFACE		↓ X"
FINAL CAMBER		↑ X"



PLAN



ELEVATION

DECK DRAINS AND TIE ROD POCKETS NOT SHOWN.
 FOR BOX BEAM REINFORCING STEEL LAYOUT, SEE PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS SHEETS.

BILL OF MATERIAL ONE 80' BOX BEAM							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	8	2'-7"					2'-7"
A0501	12	40'-10"					40'-10"
J0401	55	2'-8"	2'-5"				7'-6"
J0402	55	2'-8"	1'-6"				5'-8"
J0403	109	2'-8"	1'-1"				4'-10"
J0404	38	2'-7"	1'-6"				5'-7"
J0501	36	2'-8 1/2"	2'-1"				6'-11"
J0502	12	1'-10"	2'-0"				5'-10"
JD0401	49	1'-6"	6"	1'-2"	3"	4"	5'-10"
K0401	12	4 1/2"	2'-4"	9"			6'-2"
LB0501	① 96	5 1/2"					7'-4"
N0501	10	10"	2'-4"	3'-6"			6'-8"

QUANTITIES			
ITEM	UNIT	INTERIOR	EXTERIOR
REINFORCING STEEL	LB	2145	2879
CONCRETE, f'c 7,000	CY	14.0	14.1
0.6 Ø L.R. STRANDS	LF	1758	1758

① LB0501 BARS REQUIRED FOR EXTERIOR BEAMS ONLY.

BILL OF MATERIAL ONE 80' BARRIER PARAPET							
MARK	NO. REQ'D	DIMENSION					
		"a"	"b"	"c"	"d"	"e"	
A0502	20	41'-1"					41'-1"
A0503	12	5'-0"					5'-0"
J0503	96	5 1/2"	3'-3"				7'-0"

QUANTITIES		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	160.0
REINFORCING STEEL	LB	1620
MASH CONCRETE BARRIER PARAPET	LF	80.0

ESTIMATED QUANTITIES - ONE 80' SPAN		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	320.0
REINFORCING STEEL FOR STRUCTURES (BRIDGE)	LB	3240
3'-0" X 2'-9" BOX BEAMS	LF	798.8
MASH CONCRETE BARRIER PARAPET	LF	160.0
ELASTOMERIC BEARING	EA	20
BRIDGE DECK WATERPROOFING	SY	247.4

CONSULTANT NAME/LOGO

SOUTH CAROLINA
 DEPARTMENT OF TRANSPORTATION

PRESTRESSED CONCRETE BOX BEAM
80' SPAN
 27'-10" ROADWAY (0° SKEW)

COUNTY: ##### ROUTE: #####

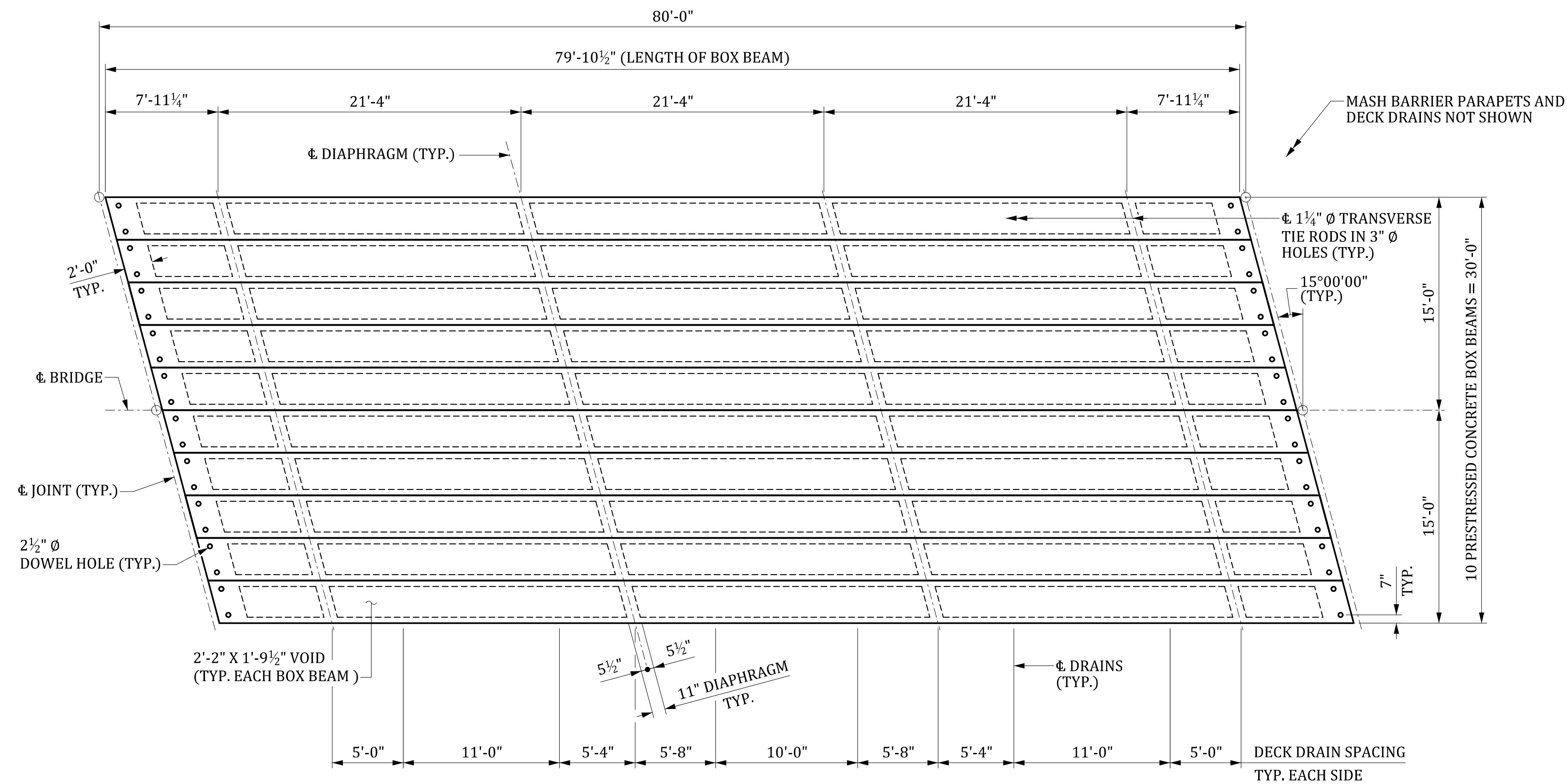
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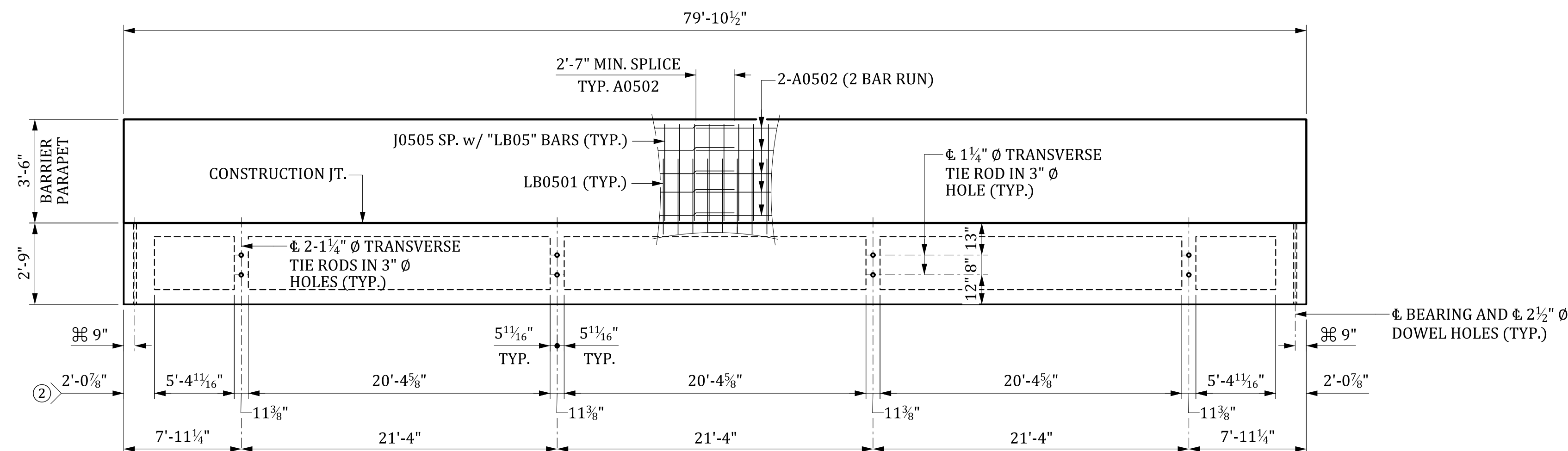
REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

REVIEWED	QUAN.	DR.	DES.	GCM	OP	BY	CHK.	DATE

DEAD LOAD DEFLECTION & CAMBER		
CAMBER AT ERECTION (BEAM ALONE IN PLACE)		↑ 2 1/4"
DEFLECTION DUE TO BARRIER PARAPETS AND ASPHALT WEARING SURFACE		↓ X"
FINAL CAMBER		↑ X"



PLAN



ELEVATION

DECK DRAINS AND TIE ROD POCKETS NOT SHOWN.
 FOR BOX BEAM REINFORCING STEEL LAYOUT, SEE PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS SHEETS.

BILL OF MATERIAL ONE 80' BOX BEAM							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	8	2'-8"					2'-8"
A0501	12	40'-10"					40'-10"
J0401	54	2'-8"	2'-5"				7'-6"
J0402	54	2'-8"	1'-6"				5'-8"
J0403	97	2'-8"	1'-1"				4'-10"
J0404	8	2'-9 1/2"	1'-1"				5'-0"
J0405	6	2'-9"	1'-1"				4'-11"
J0501	28	2'-9 1/2"	2'-1"				7'-0"
J0502	12	1'-11"	2'-0"				5'-11"
J0503	12	2'-9"	2'-1"				6'-11"
J0504	4	2'-8 1/2"	2'-1"				6'-11"
JC0401	38	2'-8"	1'-6"	8 5/16"			5'-8"
JD0401	48	1'-6"	6"	1'-2"	3"	4"	5'-10"
K0401	12	4 1/2"	2'-4"	9"			6'-2"
LB0501	① 90	5 1/2"					7'-4"
LB0502	① 6	5 3/4"					7'-5"
N0501	10	10"	2'-4"	3'-6"			6'-8"

QUANTITIES			
ITEM	UNIT	INTERIOR	EXTERIOR
REINFORCING STEEL	LB	2204	2938
CONCRETE, f'c 7,000	CY	14.1	14.2
0.6 Ø L.R. STRANDS	LF	1758	1758

① "LB05" BARS REQUIRED FOR EXTERIOR BEAMS ONLY.

BILL OF MATERIAL ONE 80' BARRIER PARAPET					
MARK	NO. REQ'D	DIMENSION			LENGTH
		"a"	"b"	"c"	
A0502	20	41'-1"			41'-1"
A0503	12	5'-0"			5'-0"
J0505	96	5 1/2"	3'-3"		7'-0"

QUANTITIES		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	160.0
REINFORCING STEEL	LB	1620
MASH CONCRETE BARRIER PARAPET	LF	80.0

ESTIMATED QUANTITIES - ONE 80' SPAN		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	320.0
REINFORCING STEEL FOR STRUCTURES (BRIDGE)	LB	3240
3'-0" X 2'-9" BOX BEAMS	LF	798.8
MASH CONCRETE BARRIER PARAPET	LF	160.0
ELASTOMERIC BEARING	EA	20
BRIDGE DECK WATERPROOFING	SY	247.4

CONSULTANT NAME/LOGO
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
PRESTRESSED CONCRETE BOX BEAM 80' SPAN 27'-10" ROADWAY (-15° SKEW)
COUNTY: ##### ROUTE: #####

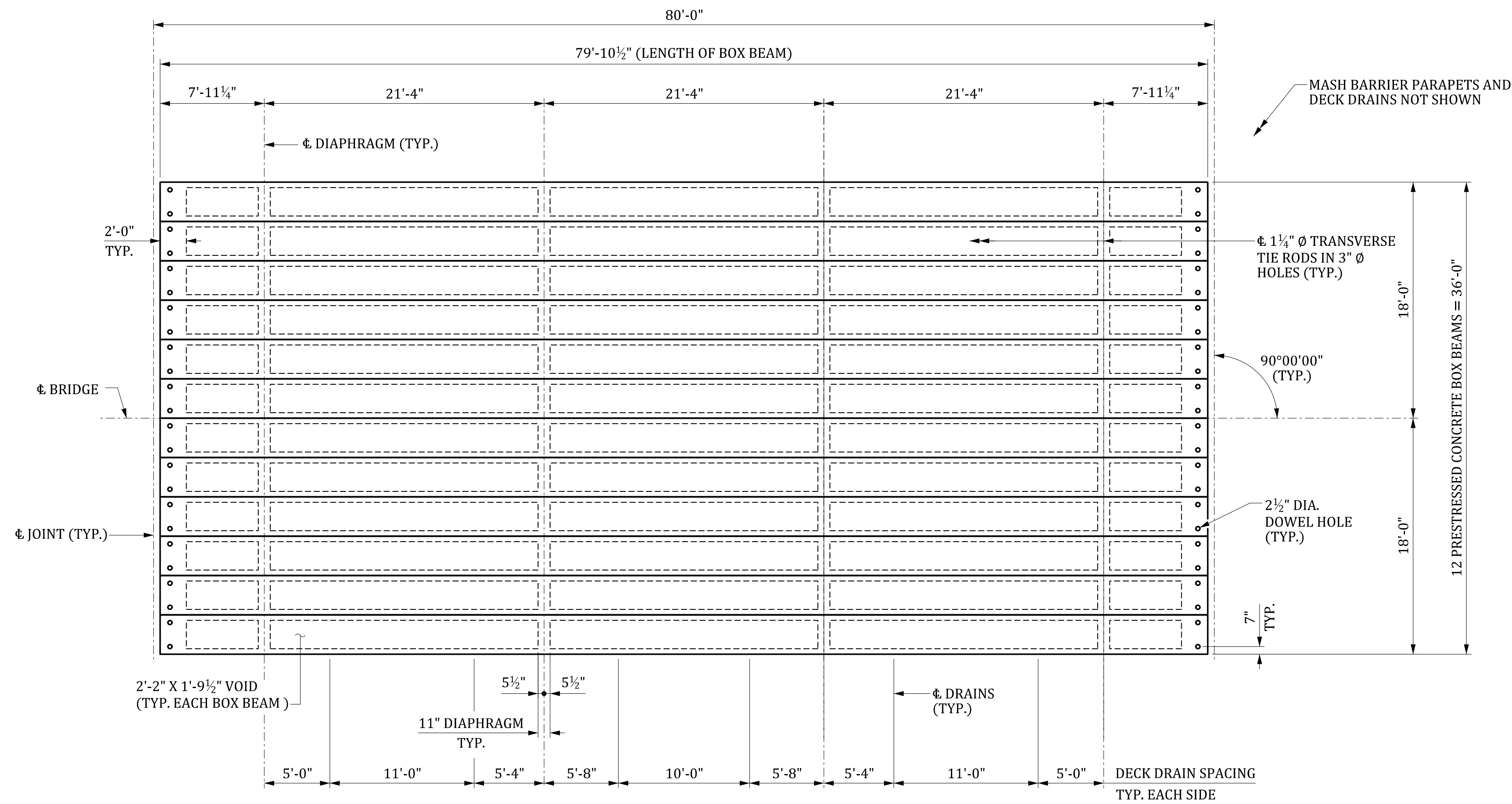
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REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

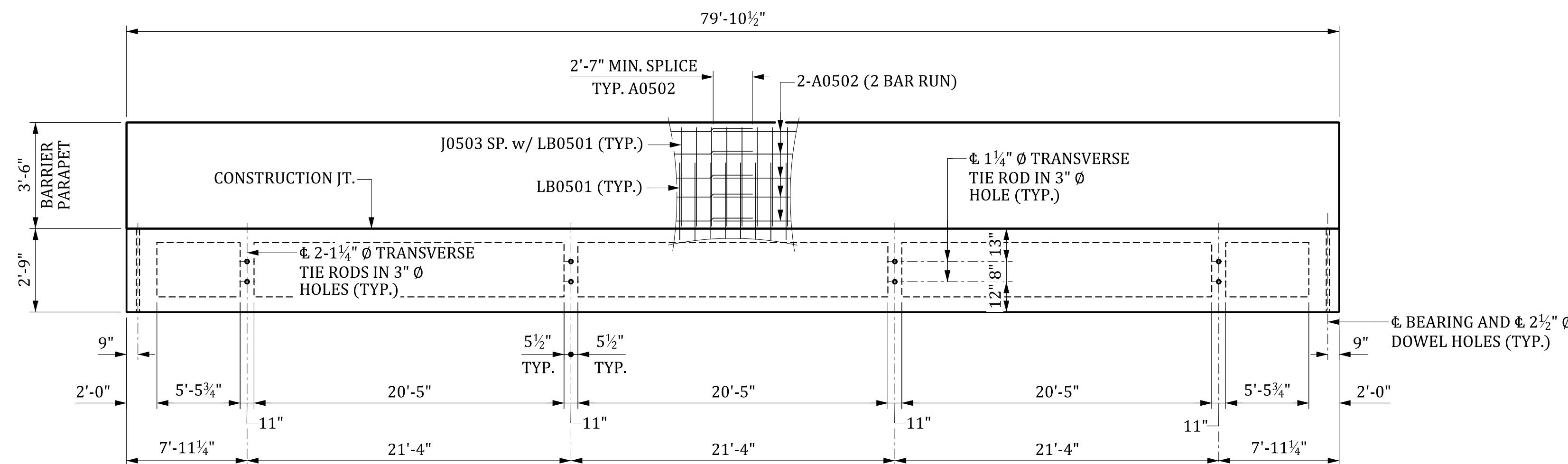
REVIEWED	GCM	MWB	10-23
QUAN.	GCM	MWB	10-23
DR.	OP	WSA	09-23
DES.			

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DEAD LOAD DEFLECTION & CAMBER	
CAMBER AT ERECTION (BEAM ALONE IN PLACE)	↑ 2 1/4"
DEFLECTION DUE TO BARRIER PARAPETS AND ASPHALT WEARING SURFACE	↓ X"
FINAL CAMBER	↑ X"



PLAN



ELEVATION

DECK DRAINS AND TIE ROD POCKETS NOT SHOWN.
FOR BOX BEAM REINFORCING STEEL LAYOUT, SEE PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS SHEETS.

BILL OF MATERIAL ONE 80' BOX BEAM							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	8	2'-7"	—	—	—	—	2'-7"
A0501	12	40'-10"	—	—	—	—	40'-10"
J0401	55	2'-8"	2'-5"	—	—	—	7'-6"
J0402	55	2'-8"	1'-6"	—	—	—	5'-8"
J0403	109	2'-8"	1'-1"	—	—	—	4'-10"
J0404	38	2'-7"	1'-6"	—	—	—	5'-7"
J0501	36	2'-8 1/2"	2'-1"	—	—	—	6'-11"
J0502	12	1'-10"	2'-0"	—	—	—	5'-10"
JD0401	49	1'-6"	6"	1'-2"	3"	4"	5'-10"
K0401	12	4 1/2"	2'-4"	9"	—	—	6'-2"
LB0501	① 96	5 1/2"	—	—	—	—	7'-4"
N0501	10	10"	2'-4"	3'-6"	—	—	6'-8"

QUANTITIES			
ITEM	UNIT	INTERIOR	EXTERIOR
REINFORCING STEEL	LB	2145	2879
CONCRETE, f'c 7,000	CY	14.0	14.1
0.6 Ø L.R. STRANDS	LF	1758	1758

① LB0501 BARS REQUIRED FOR EXTERIOR BEAMS ONLY.

BILL OF MATERIAL ONE 80' BARRIER PARAPET						
MARK	NO. REQ'D	DIMENSION				LENGTH
		"a"	"b"	"c"	"d"	
A0502	20	41'-1"	—	—	—	41'-1"
A0503	12	5'-0"	—	—	—	5'-0"
J0503	96	5 1/2"	3'-3"	—	—	7'-0"

QUANTITIES		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	160.0
REINFORCING STEEL	LB	1620
MASH CONCRETE BARRIER PARAPET	LF	80.0

ESTIMATED QUANTITIES - ONE 80' SPAN		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	320.0
REINFORCING STEEL FOR STRUCTURES (BRIDGE)	LB	3240
3'-0" X 2'-9" BOX BEAMS	LF	958.5
MASH CONCRETE BARRIER PARAPET	LF	160.0
ELASTOMERIC BEARING	EA	24
BRIDGE DECK WATERPROOFING	SY	300.7

CONSULTANT NAME/LOGO

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PRESTRESSED CONCRETE BOX BEAM
80' SPAN
33'-10" ROADWAY (0° SKEW)

COUNTY: #### ROUTE: ####

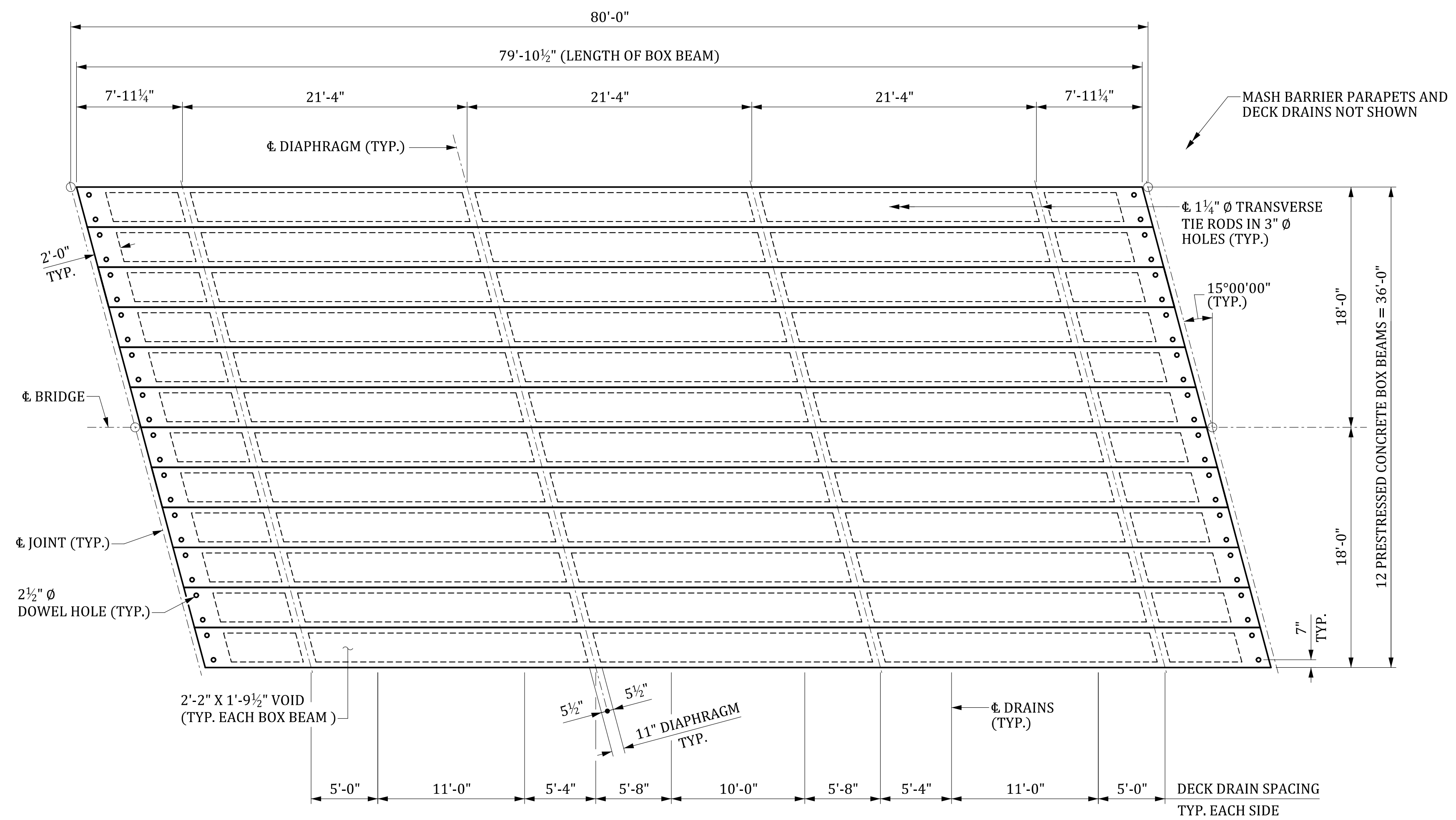
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REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

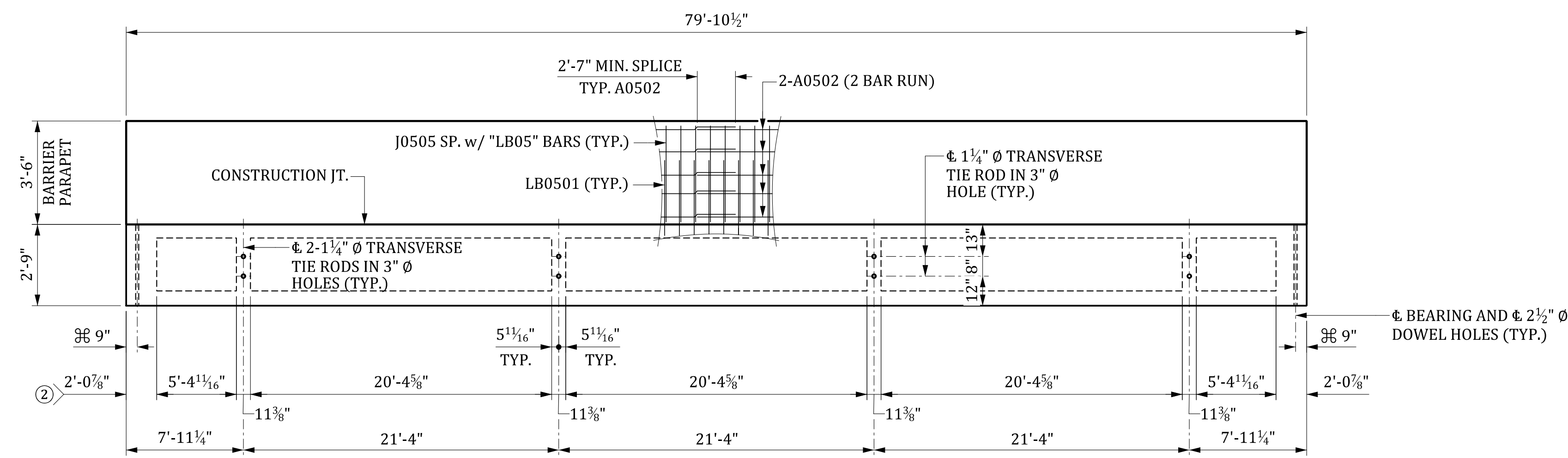
REVIEWED	GCM	MWB	10-23
QUAN.	GCM	MWB	10-23
DR.	OP	WSA	09-23
DES.	BY	CHK.	DATE

MBreeland 6/25/2024 4:58:18 PM 704_ABB_80.dgn

DEAD LOAD DEFLECTION & CAMBER	
CAMBER AT ERECTION (BEAM ALONE IN PLACE)	↑ 2 1/4"
DEFLECTION DUE TO BARRIER PARAPETS AND ASPHALT WEARING SURFACE	↓ X"
FINAL CAMBER	↑ X"



PLAN



⊘ NORMAL TO END OF BEAM.
Ⓜ ALONG Φ BEAM.

ELEVATION

DECK DRAINS AND TIE ROD POCKETS NOT SHOWN.
FOR BOX BEAM REINFORCING STEEL LAYOUT, SEE PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS SHEETS.

BILL OF MATERIAL ONE 80' BOX BEAM							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	8	2'-8"					2'-8"
A0501	12	40'-10"					40'-10"
J0401	54	2'-8"	2'-5"				7'-6"
J0402	54	2'-8"	1'-6"				5'-8"
J0403	97	2'-8"	1'-1"				4'-10"
J0404	8	2'-9 1/2"	1'-1"				5'-0"
J0405	6	2'-9"	1'-1"				4'-11"
J0501	28	2'-9 1/2"	2'-1"				7'-0"
J0502	12	1'-11"	2'-0"				5'-11"
J0503	12	2'-9"	2'-1"				6'-11"
J0504	4	2'-8 1/2"	2'-1"				6'-11"
JC0401	38	2'-8"	1'-6"	8 5/16"			5'-8"
JD0401	48	1'-6"	6"	1'-2"	3"	4"	5'-10"
K0401	12	4 1/2"	2'-4"	9"			6'-2"
LB0501	① 90	5 1/2"					7'-4"
LB0502	① 6	5 3/4"					7'-5"
N0501	10	10"	2'-4"	3'-6"			6'-8"

QUANTITIES			
ITEM	UNIT	INTERIOR	EXTERIOR
REINFORCING STEEL	LB	2204	2938
CONCRETE, f'c 7,000	CY	14.1	14.2
0.6 Ø L.R. STRANDS	LF	1758	1758

① "LB05" BARS REQUIRED FOR EXTERIOR BEAMS ONLY.

BILL OF MATERIAL ONE 80' BARRIER PARAPET					
MARK	NO. REQ'D	DIMENSION			LENGTH
		"a"	"b"	"c"	
A0502	20	41'-1"			41'-1"
A0503	12	5'-0"			5'-0"
J0505	96	5 1/2"	3'-3"		7'-0"

QUANTITIES		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	160.0
REINFORCING STEEL	LB	1620
MASH CONCRETE BARRIER PARAPET	LF	80.0

ESTIMATED QUANTITIES - ONE 80' SPAN		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	320.0
REINFORCING STEEL FOR STRUCTURES (BRIDGE)	LB	3240
3'-0" X 2'-9" BOX BEAMS	LF	958.5
MASH CONCRETE BARRIER PARAPET	LF	160.0
ELASTOMERIC BEARING	EA	24
BRIDGE DECK WATERPROOFING	SY	300.7

CONSULTANT NAME/LOGO

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

**PRESTRESSED CONCRETE BOX BEAM
80' SPAN**

33'-10" ROADWAY (-15° SKEW)

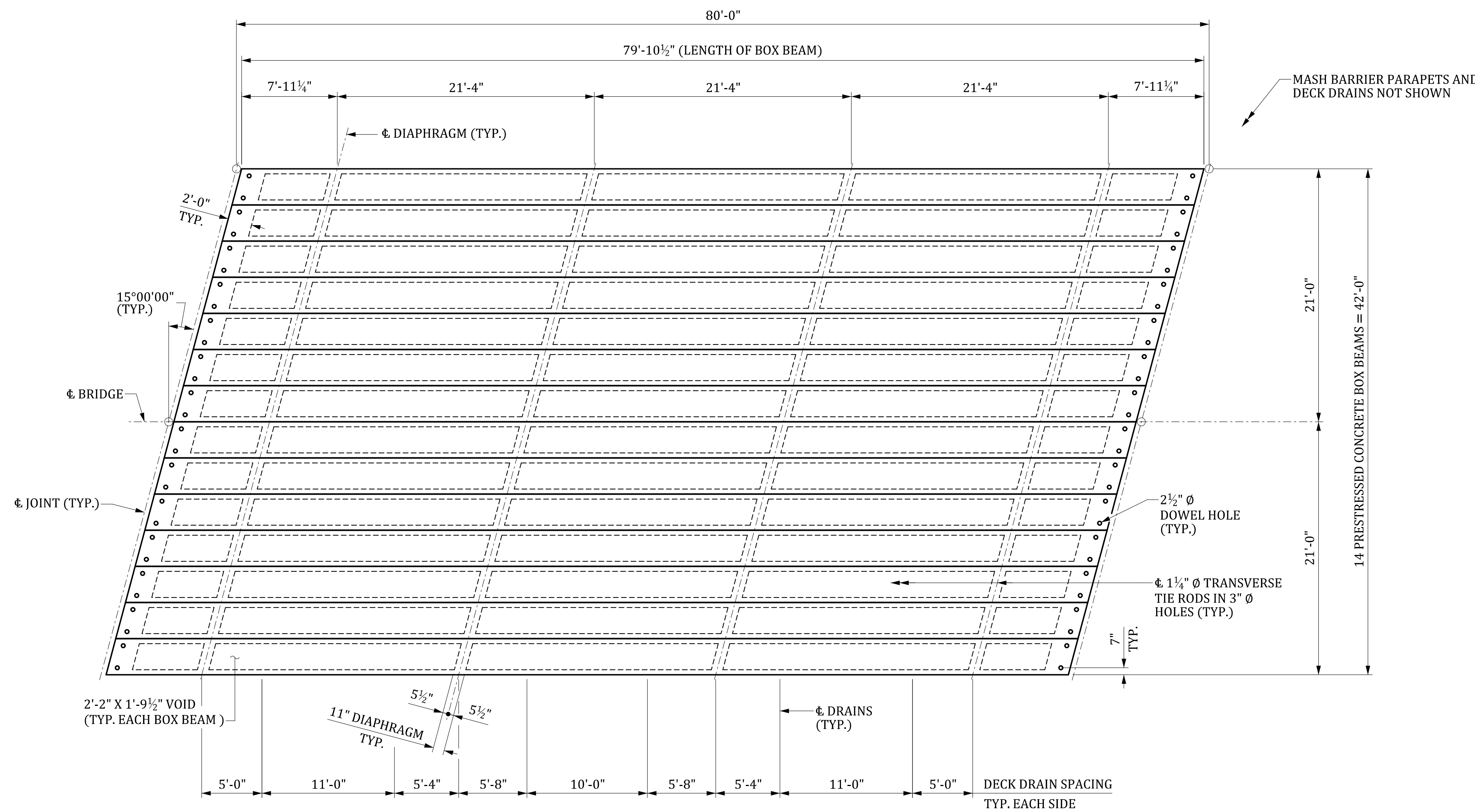
COUNTY: ##### ROUTE: #####

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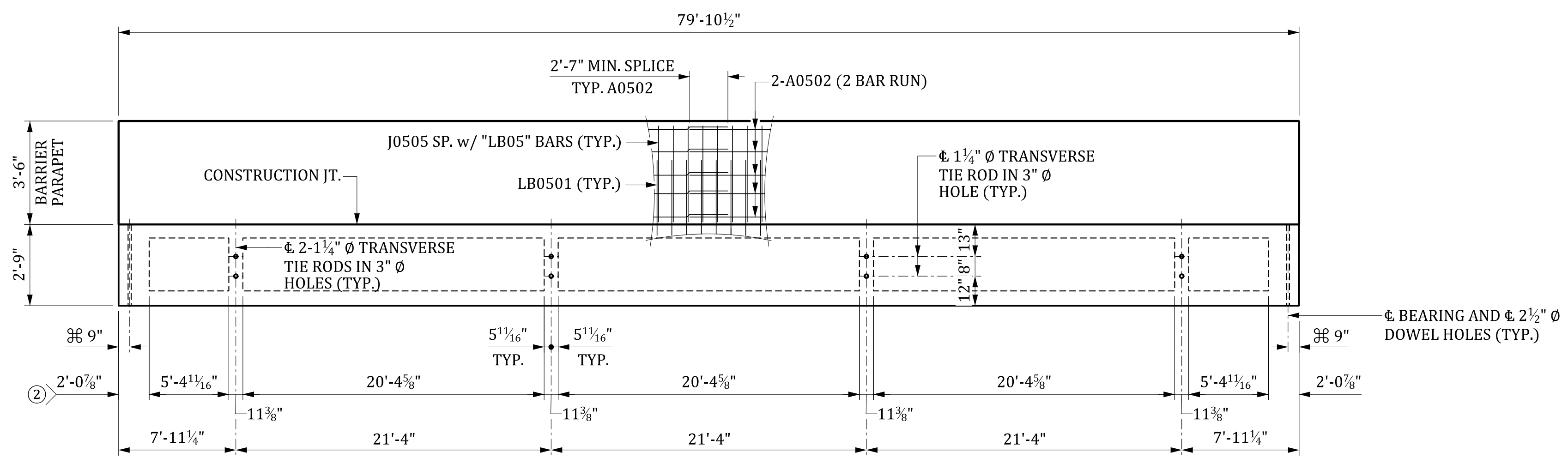
REVIEWED	QUAN.	DR.	DES.	GCM	OP	BY	CHK.	DATE	DESCRIPTION OF REVISION

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DEAD LOAD DEFLECTION & CAMBER		
CAMBER AT ERECTION (BEAM ALONE IN PLACE)		↑ 2 1/4"
DEFLECTION DUE TO BARRIER PARAPETS AND ASPHALT WEARING SURFACE		↓ X"
FINAL CAMBER		↑ X"



PLAN



ELEVATION

DECK DRAINS AND TIE ROD POCKETS NOT SHOWN.
 FOR BOX BEAM REINFORCING STEEL LAYOUT, SEE PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS SHEETS.

BILL OF MATERIAL ONE 80' BOX BEAM							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	8	2'-8"					2'-8"
A0501	12	40'-10"					40'-10"
J0401	54	2'-8"	2'-5"				7'-6"
J0402	54	2'-8"	1'-6"				5'-8"
J0403	97	2'-8"	1'-1"				4'-10"
J0404	8	2'-9 1/2"	1'-1"				5'-0"
J0405	6	2'-9"	1'-1"				4'-11"
J0501	28	2'-9 1/2"	2'-1"				7'-0"
J0502	12	1'-11"	2'-0"				5'-11"
J0503	12	2'-9"	2'-1"				6'-11"
J0504	4	2'-8 1/2"	2'-1"				6'-11"
JC0401	38	2'-8"	1'-6"	8 5/16"			5'-8"
JD0401	48	1'-6"	6"	1'-2"	3"	4"	5'-10"
K0401	12	4 1/2"	2'-4"	9"			6'-2"
LB0501	① 90	5 1/2"					7'-4"
LB0502	① 6	5 3/4"					7'-5"
N0501	10	10"	2'-4"	3'-6"			6'-8"

QUANTITIES			
ITEM	UNIT	INTERIOR	EXTERIOR
REINFORCING STEEL	LB	2204	2938
CONCRETE, f'c 7,000	CY	14.1	14.2
0.6 Ø L.R. STRANDS	LF	1758	1758

① "LB05" BARS REQUIRED FOR EXTERIOR BEAMS ONLY.

BILL OF MATERIAL ONE 80' BARRIER PARAPET						
MARK	NO. REQ'D	DIMENSION				LENGTH
		"a"	"b"	"c"	"d"	
A0502	20	41'-1"				41'-1"
A0503	12	5'-0"				5'-0"
J0505	96	5 1/2"	3'-3"			7'-0"

QUANTITIES		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	160.0
REINFORCING STEEL	LB	1620
MASH CONCRETE BARRIER PARAPET	LF	80.0

ESTIMATED QUANTITIES - ONE 80' SPAN		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	320.0
REINFORCING STEEL FOR STRUCTURES (BRIDGE)	LB	3240
3'-0" X 2'-9" BOX BEAMS	LF	1118.3
MASH CONCRETE BARRIER PARAPET	LF	160.0
ELASTOMERIC BEARING	EA	28
BRIDGE DECK WATERPROOFING	SY	354.1

CONSULTANT NAME/LOGO

SOUTH CAROLINA
 DEPARTMENT OF TRANSPORTATION

PRESTRESSED CONCRETE BOX BEAM
80' SPAN
 39'-10" ROADWAY (+15° SKEW)

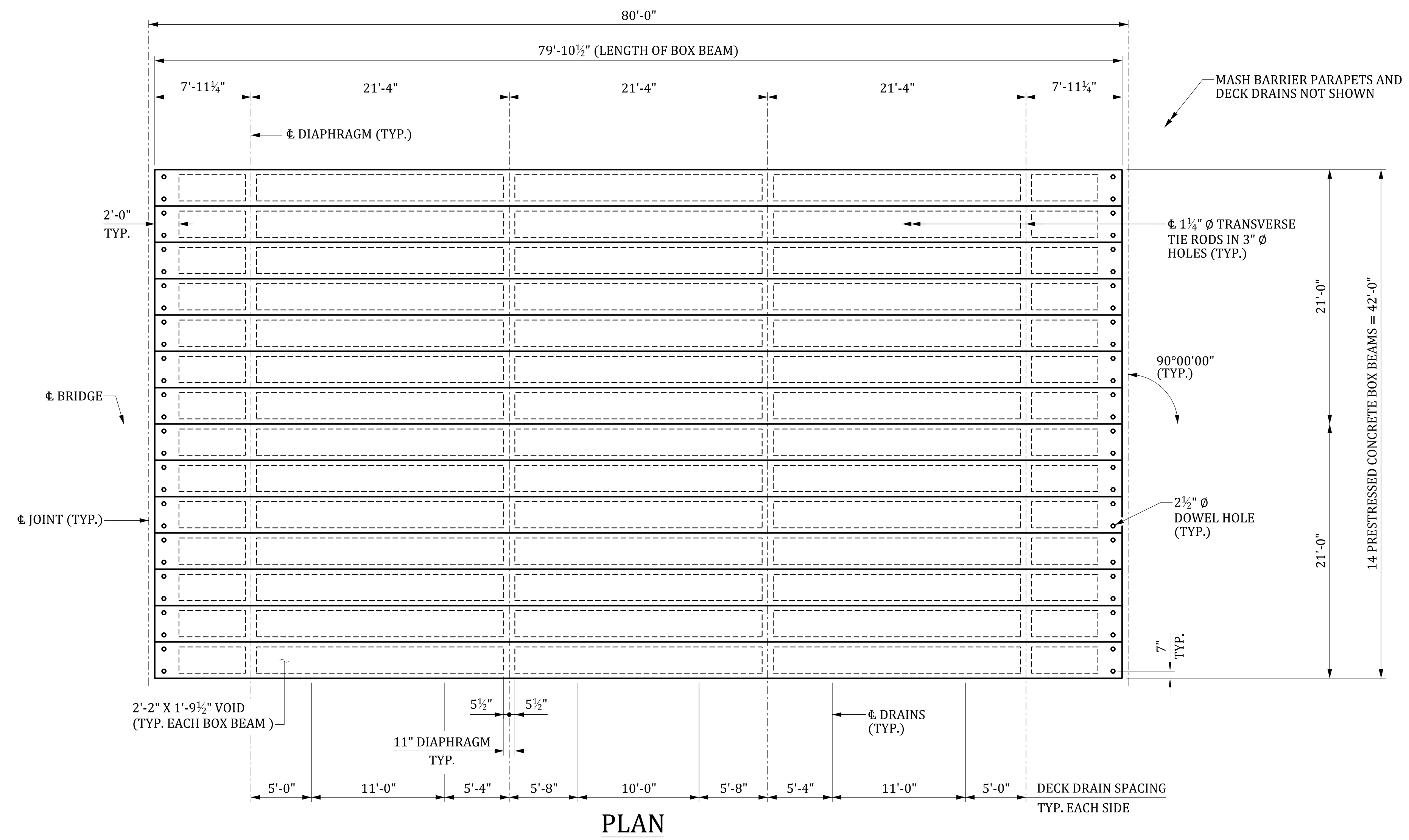
COUNTY: ##### ROUTE: #####

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REVIEWED	GCM	MWB	10-23
QUAN.	GCM	MWB	10-23
DR.	OP	WSA	09-23
DES.	BY	CHK.	DATE

MBreeland	6/25/2024	4:58:19 PM	704_ABB_80.dgn
REV.			
REV.			
REV.			

DEAD LOAD DEFLECTION & CAMBER	
CAMBER AT ERECTION (BEAM ALONE IN PLACE)	↑ 2 1/4"
DEFLECTION DUE TO BARRIER PARAPETS AND ASPHALT WEARING SURFACE	↓ X"
FINAL CAMBER	↑ X"



BILL OF MATERIAL ONE 80' BOX BEAM							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	8	2'-7"	---	---	---	---	2'-7"
A0501	12	40'-10"	---	---	---	---	40'-10"
J0401	55	2'-8"	2'-5"	---	---	---	7'-6"
J0402	55	2'-8"	1'-6"	---	---	---	5'-8"
J0403	109	2'-8"	1'-1"	---	---	---	4'-10"
J0404	38	2'-7"	1'-6"	---	---	---	5'-7"
J0501	36	2'-8 1/2"	2'-1"	---	---	---	6'-11"
J0502	12	1'-10"	2'-0"	---	---	---	5'-10"
JD0401	49	1'-6"	6"	1'-2"	3"	4"	5'-10"
K0401	12	4 1/2"	2'-4"	9"	---	---	6'-2"
LB0501	① 96	5 1/2"	---	---	---	---	7'-4"
N0501	10	10"	2'-4"	3'-6"	---	---	6'-8"

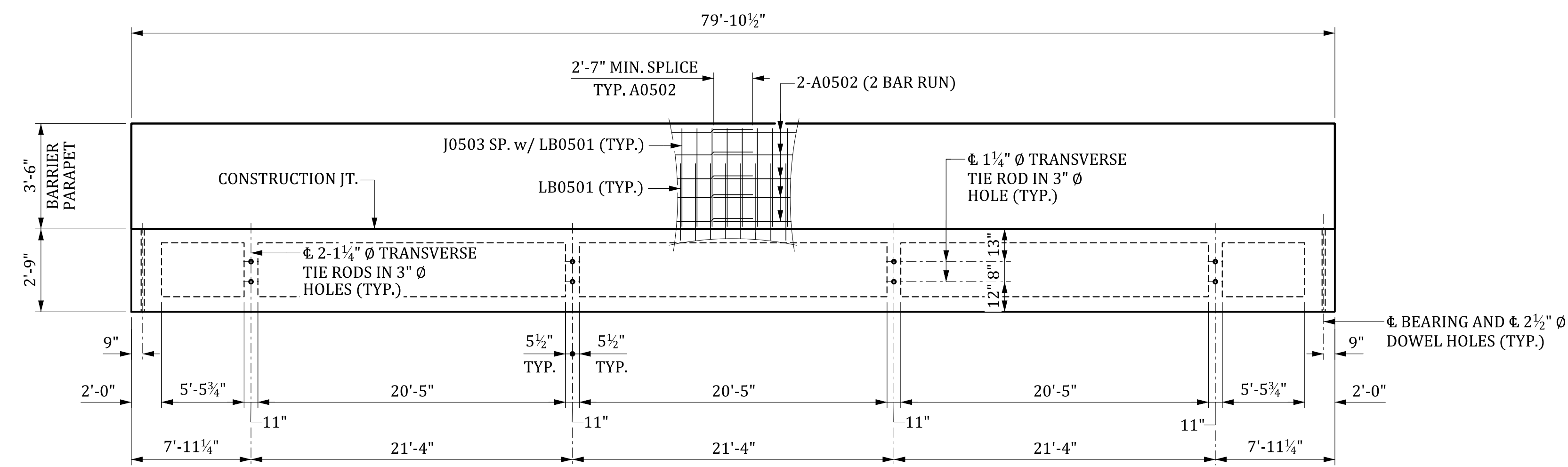
QUANTITIES			
ITEM	UNIT	INTERIOR	EXTERIOR
REINFORCING STEEL	LB	2145	2879
CONCRETE, f'c 7,000	CY	14.0	14.1
0.6 ϕ L.R. STRANDS	LF	1758	1758

① LB0501 BARS REQUIRED FOR EXTERIOR BEAMS ONLY.

BILL OF MATERIAL ONE 80' BARRIER PARAPET							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0502	20	41'-1"	---	---	---	---	41'-1"
A0503	12	5'-0"	---	---	---	---	5'-0"
J0503	96	5 1/2"	3'-3"	---	---	---	7'-0"

QUANTITIES		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	160.0
REINFORCING STEEL	LB	1620
MASH CONCRETE BARRIER PARAPET	LF	80.0

ESTIMATED QUANTITIES - ONE 80' SPAN		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	320.0
REINFORCING STEEL FOR STRUCTURES (BRIDGE)	LB	3240
3'-0" X 2'-9" BOX BEAMS	LF	1118.3
MASH CONCRETE BARRIER PARAPET	LF	160.0
ELASTOMERIC BEARING	EA	28
BRIDGE DECK WATERPROOFING	SY	354.1



DECK DRAINS AND TIE ROD POCKETS NOT SHOWN.
FOR BOX BEAM REINFORCING STEEL LAYOUT, SEE PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS SHEETS.

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CONSULTANT NAME/LOGO

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

PRESTRESSED CONCRETE BOX BEAM

80' SPAN

39'-10" ROADWAY (0° SKEW)

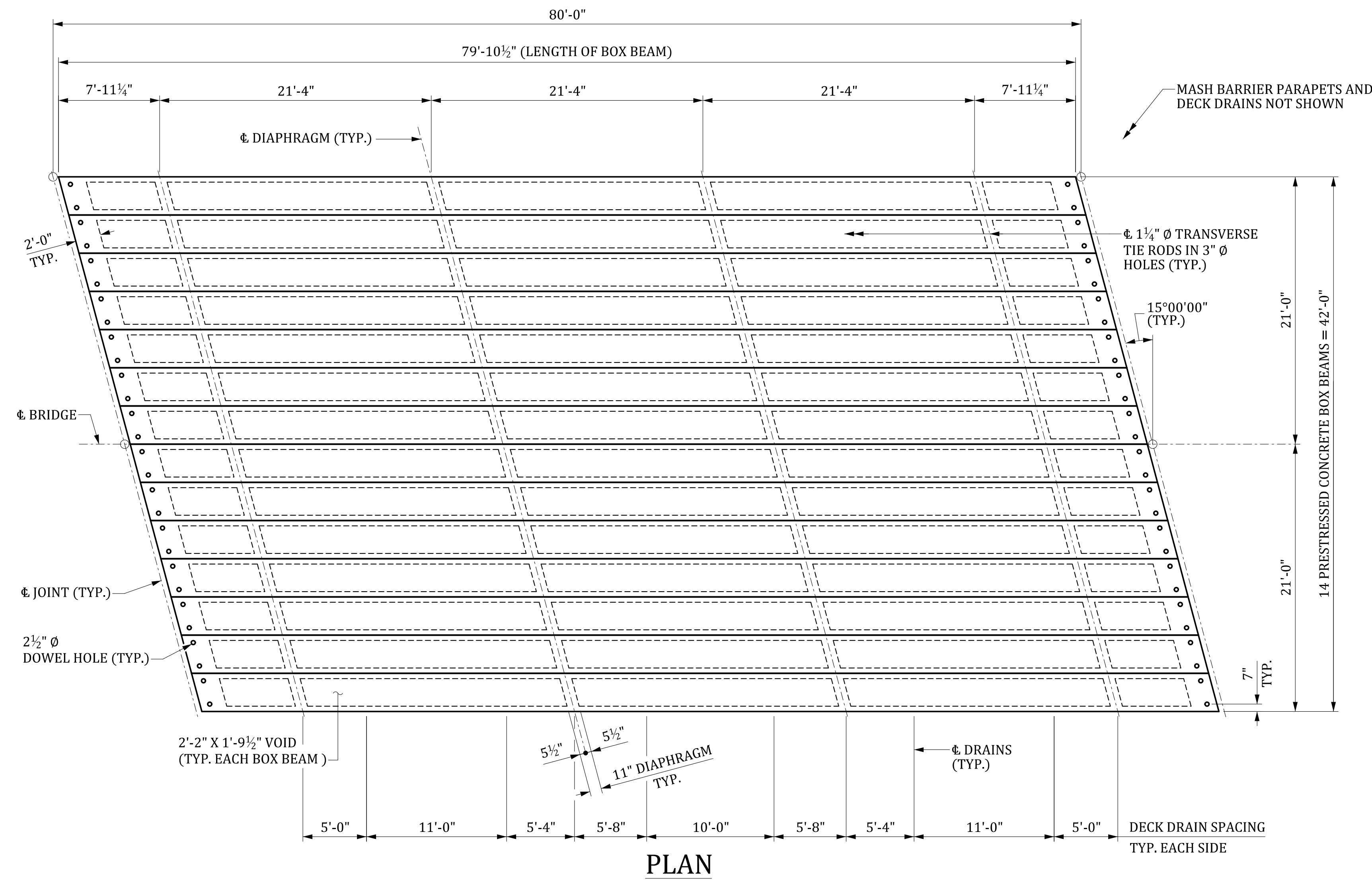
COUNTY: ##### ROUTE: #####

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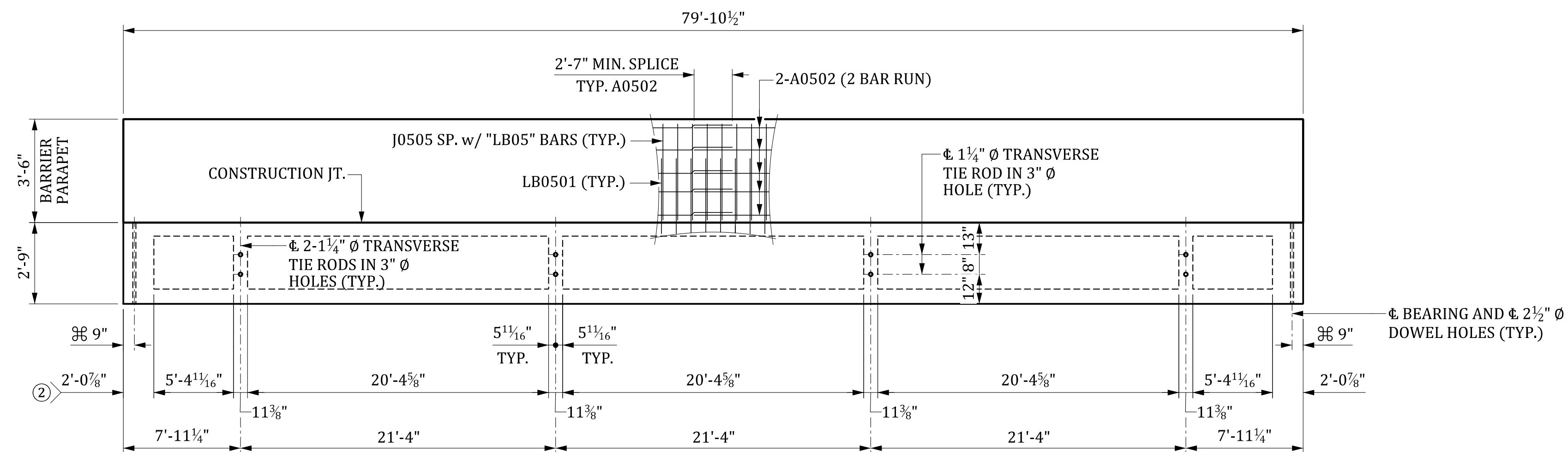
REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

REVIEWED	QUAN.	DR.	DES.	GCM	OP	BY	CHK.	DATE

DEAD LOAD DEFLECTION & CAMBER		
CAMBER AT ERECTION (BEAM ALONE IN PLACE)		↑ 2 1/4"
DEFLECTION DUE TO BARRIER PARAPETS AND ASPHALT WEARING SURFACE		↓ X"
FINAL CAMBER		↑ X"



PLAN



ELEVATION

DECK DRAINS AND TIE ROD POCKETS NOT SHOWN.
 FOR BOX BEAM REINFORCING STEEL LAYOUT, SEE PRESTRESSED CONCRETE BOX BEAM 80' SPAN - DETAILS SHEETS.

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REV.	BY	CHK.	DATE	DESCRIPTION OF REVISION

REVIEWED	QUAN.	DR.	DES.	GCM	OP	BY	CHK.	DATE

BILL OF MATERIAL ONE 80' BOX BEAM							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0401	8	2'-8"	—	—	—	—	2'-8"
A0501	12	40'-10"	—	—	—	—	40'-10"
J0401	54	2'-8"	2'-5"	—	—	—	7'-6"
J0402	54	2'-8"	1'-6"	—	—	—	5'-8"
J0403	97	2'-8"	1'-1"	—	—	—	4'-10"
J0404	8	2'-9 1/2"	1'-1"	—	—	—	5'-0"
J0405	6	2'-9"	1'-1"	—	—	—	4'-11"
J0501	28	2'-9 1/2"	2'-1"	—	—	—	7'-0"
J0502	12	1'-11"	2'-0"	—	—	—	5'-11"
J0503	12	2'-9"	2'-1"	—	—	—	6'-11"
J0504	4	2'-8 1/2"	2'-1"	—	—	—	6'-11"
JC0401	38	2'-8"	1'-6"	8 5/16"	—	—	5'-8"
JD0401	48	1'-6"	6"	1'-2"	3"	4"	5'-10"
K0401	12	4 1/2"	2'-4"	9"	—	—	6'-2"
LB0501	① 90	5 1/2"	—	—	—	—	7'-4"
LB0502	① 6	5 3/4"	—	—	—	—	7'-5"
N0501	10	10"	2'-4"	3'-6"	—	—	6'-8"

QUANTITIES			
ITEM	UNIT	INTERIOR	EXTERIOR
REINFORCING STEEL	LB	2204	2938
CONCRETE, f'c 7,000	CY	14.1	14.2
0.6 Ø L.R. STRANDS	LF	1758	1758

① "LB05" BARS REQUIRED FOR EXTERIOR BEAMS ONLY.

BILL OF MATERIAL ONE 80' BARRIER PARAPET							
MARK	NO. REQ'D	DIMENSION					LENGTH
		"a"	"b"	"c"	"d"	"e"	
A0502	20	41'-1"	—	—	—	—	41'-1"
A0503	12	5'-0"	—	—	—	—	5'-0"
J0505	96	5 1/2"	3'-3"	—	—	—	7'-0"

QUANTITIES		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	160.0
REINFORCING STEEL	LB	1620
MASH CONCRETE BARRIER PARAPET	LF	80.0

ESTIMATED QUANTITIES - ONE 80' SPAN		
ITEM	UNIT	TOTAL
2.0" SCHEDULE 80 PVC CONDUIT	LF	320.0
REINFORCING STEEL FOR STRUCTURES (BRIDGE)	LB	3240
3'-0" X 2'-9" BOX BEAMS	LF	1118.3
MASH CONCRETE BARRIER PARAPET	LF	160.0
ELASTOMERIC BEARING	EA	28
BRIDGE DECK WATERPROOFING	SY	354.1

CONSULTANT NAME/LOGO

SOUTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
PRESTRESSED CONCRETE BOX BEAM
80' SPAN
 39'-10" ROADWAY (-15° SKEW)

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