

DESCRIPTION	REVISIONS	DATE

ORIGINAL DESIGN DATA
(FOR INFORMATION ONLY)

CLASS "A" CONCRETE 1,000 P.S.I.
 CLASS "AA" CONCRETE 1,200 P.S.I.
 REINFORCING STEEL 20,000 P.S.I.
 STRUCTURAL STEEL 20,000 P.S.I.
 LOADING HS 20-44 & PPM 20-4

MATERIALS
 STRUCTURAL STEEL - A36
 CONCRETE, SUPERSTRUCTURE - CLASS "AA(AE)"
 SUBSTRUCTURE - CLASS "A"

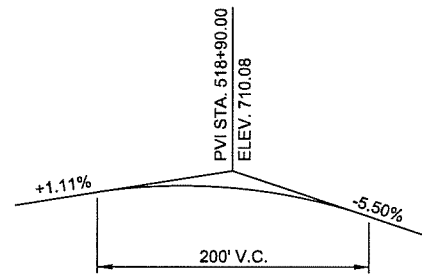
APPROACH SLABS - CLASS "A(AE)"
 REINFORCING STEEL - A.S.T.M., A-305
 INTERMEDIATE GRADE

MAX. FOUNDATION PRESSURES
 PIERS - COMB. LOADING 4.3 T-S.F.
 DIRECT BRG. 4.3 T-S.F.
 ABUT. - COMB. LOADING 3.3 T-S.F.

REHABILITATION DESIGN DATA

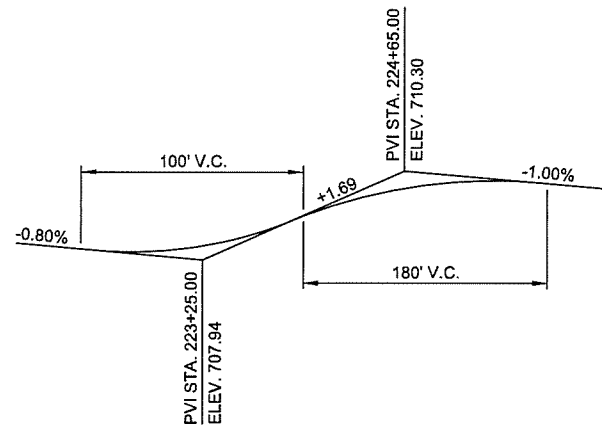
AASHTO SEVENTEENTH EDITION
 STRENGTH DESIGN METHOD (LOAD FACTOR DESIGN)
 CONCRETE CLASS "A" F_c = 3,000 P.S.I.
 CONCRETE CLASS "AA" F_c = 4,000 P.S.I.
 STRUCTURAL STEEL M270 (GRADE 50W) F_y = 50,000 P.S.I.
 REINFORCING STEEL (GRADE 60) F_y = 60,000 P.S.I.

LOADING HS20-44 PLUS 20 PSF FUTURE WEARING SURFACE



PROPOSED 2ND STREET W-N RAMP PROFILE

THE PROPOSED PROFILE GRADE IS THE PROFILE FROM THE AS-BUILT PLANS PLUS 0.45 FEET TO ACCOUNT FOR SURVEY ADJUSTMENTS.



PROPOSED 2ND STREET PROFILE

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SUMMARY OF QUANTITIES - BRIDGE "A"

DESCRIPTION	UNIT	ABUTMENTS	PIERS	SUPERSTRUCTURE	APPROACH SLABS	TOTAL
CLSM BACKFILL	CY				154.5	154.5
(PL)FALSEWORK JACKING	LSUM			1.0		1.0
APPROACH SLAB	SY				480.0	480.0
SAW-CUT GROOVING	SY			1,240.0	405.0	1,645.0
SEALED EXPANSION JOINT	LF			107.0		107.0
CONCRETE RAIL (TR4)	LF			212.3	95.7	308.0
42" F-SHAPED PARAPET	LF			271.8	50.0	321.8
CONCRETE PARAPET	LF			213.1	70.0	283.1
STRUCTURAL STEEL	LB	491.0		1,900.0		2,391.0
WEATHERING STEEL FIXED BEARING ASSEMBLY	EA			23.0		23.0
WEATHERING STEEL EXPANSION BEARING ASSEMBLY	EA			23.0		23.0
SPECIAL CONCRETE FINISH	LSUM					1.0
CLASS AA CONCRETE	CY			232.7		232.7
CLASS A CONCRETE	CY	2.0	85.2			87.2
SLOPE WALL (4")	SY					90.0
EPOXY COATED REINFORCING STEEL	LB	400.0	15,050.0	81,150.0		96,600.0
PAINTING EXISTING STRUCTURES	LSUM			1.0		1.0
COLLECTION AND HANDLING OF WASTE	LSUM			1.0		1.0
WATER REPELLENT (VISUALLY INSPECTED)	SY	370.0	248.0	880.0	358.7	1,856.7
PREPARATION OF CRACKS, ABOVE WATER	LF	91.0				91.0
EPOXY RESIN, ABOVE WATER	GAL	2.0				2.0
PNEUMATICALLY PLACED MORTAR	SY	55.0			2.0	57.0
SEALER CRACK PREPARATION	LF			59.0		59.0
SEALER RESIN	GAL			1.0		1.0
(SP)CORROSION INHIBITOR(SURFACE APPLIED)	SY	99.0			4.5	103.5
(PL) REPAIR BRIDGE ITEM (TYPE A)	LSUM	1.0				1.0
CONCRETE CURB (8" BARRIER-INTEGRAL)	LF				39.0	39.0
REMOVAL OF BRIDGE ITEM (TYPE A)	LSUM	1.0		1.0		1.0
REMOVAL OF BRIDGE ITEM (TYPE B)	LSUM		1.0			1.0
REMOVAL OF BRIDGE ITEM (TYPE C)	EA	14.0				14.0
REMOVAL OF BRIDGE ITEM (TYPE D)	EA			4.0		4.0
FENCE-STYLE CLF (6' HIGH, CLASS A)	LF			206.0		206.0

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DESIGN	JSH	1-16	OKLAHOMA DEPARTMENT OF TRANSPORTATION GENERAL PLAN AND ELEVATION - BRIDGE "A" SHEET 2 OF 2 STATE JOB NO. 28865(04) SHEET NO. 17 TULSA CO. 2ND STREET
DRAWN	MRM	1-16	
CHECKED	LWN	3-16	
APPROVED			
SQUAD	TT		