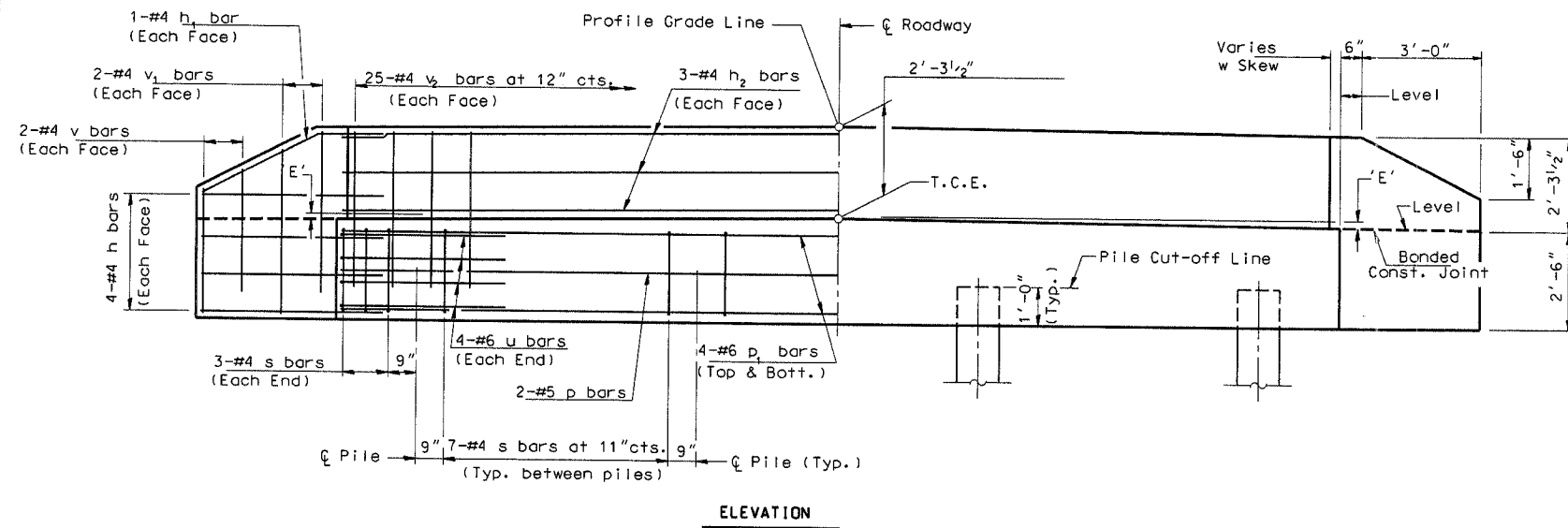
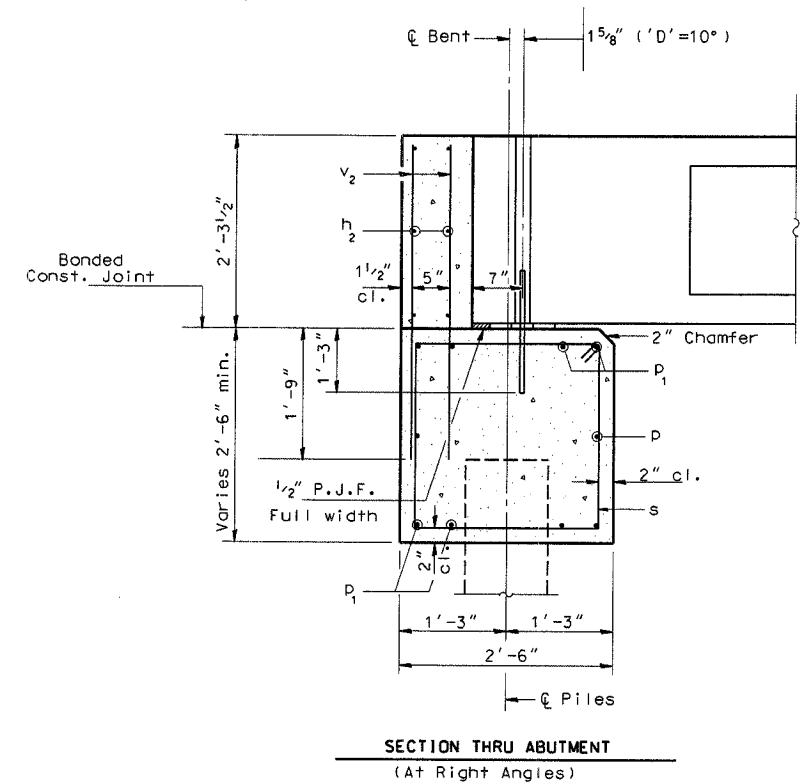
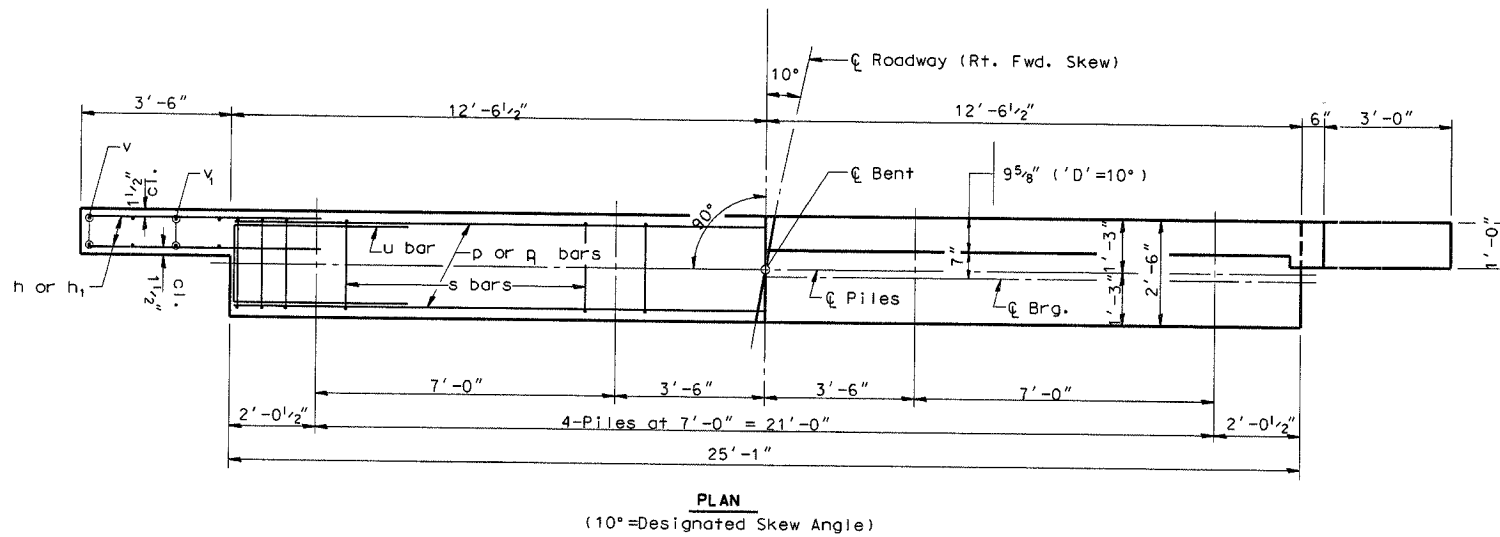


TR RTE	ROAD DISTRICT	COUNTY	TOTAL SHEETS	SHEET NO.
TR 116	OSCO	HENRY	11	8
SECTION: 04-18125-00-BR				



DIMENSION 'E'

GRADE	'D'=10°	
	UPGRADE END	DOWNGRADE END
Over 1% to 2%	1 7/8"	2 3/4"

NOTES

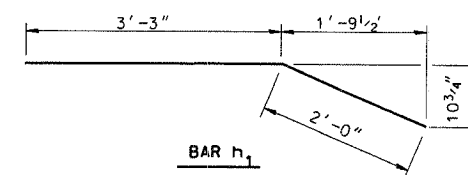
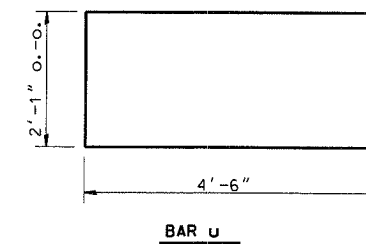
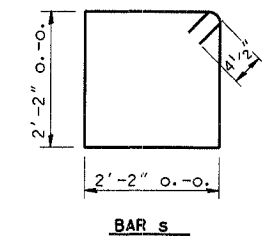
- The Backwall and the portion of the Wingwalls above the bonded construction joint shall be cast against the in-place beam.
- Reinforcement bars shall conform to A.A.S.H.T.O. M-31, M-42 or M-53, Grade 60.

MAXIMUM PILE LOADS

SPAN	TONS
40'	34
50'	38
60'	43

DESIGN STRESSES

f'c = 3,500 psi
fy = 60,000 psi



BILL OF MATERIAL FOR ONE ABUTMENT

BAR	NO.	SIZE	LENGTH	SHAPE
H	16	#4	5'-0"	—
H1	4	#4	5'-3"	—
H2	6	#4	24'-9"	—
P	2	#5	24'-9"	—
P1	8	#6	24'-9"	—
S	27	#4	9'-5"	□
U	8	#6	11'-1"	□
V	8	#4	3'-2"	—
V1	8	#4	4'-2"	—
V2	50	#4	3'-11"	—
CONCRETE STRUCTURES			9.1 CU. YDS.	
REINFORCEMENT BARS			998 LBS.	

P.P.C. DECK BEAMS PILE BENT ABUTMENT

24' RDWY.	27" BMS.	'D'=10°