Reinforcement Schedule

FRA-670 over McKinley

By: P.Landry

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Project Name: FRA-670 1

Project No.: 197845 1

Subject: Reinforcement of rear and forward approach slabs 1

PURPOSE 1

NOTES 1

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TOTAL WEIGHT = 10461 pounds 2

Michael Baker
INTERNATIONAL

Project Name: FRA-670

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PURPOSE

Generate reinforcement tables based upon standard input dimensions.

NOTES

1. Reference: ODOT Bridge Design Manual, 2020
2. Values are space-delimited
3. Each line represents a unique calculation

INPUT *From file*

Table 1: REINFORCING SCHEDULE

MARK	TOTAL	LENGTH	WEIGHT	TYPE	A	B	C	D	E	R
AS501	91	16’- 9”	1590	STR						
AS502	28	25’- 2”	735	STR						
AS503	28	24’- 6”	715	STR						
AS504	14	6’- 0”	88	STR						
AS505	4	8’- 0”	33	STR						
AS506	92	16’- 0”	1535	STR						
AS1001	8	10’- 0”	344	STR						
AS1003	24	25’-11”	2676	16	24’- 6”	0’- 0”				
AS1004	24	26’- 7”	2745	16	25’- 2”	0’- 0”				

TOTAL WEIGHT = 10461 pounds

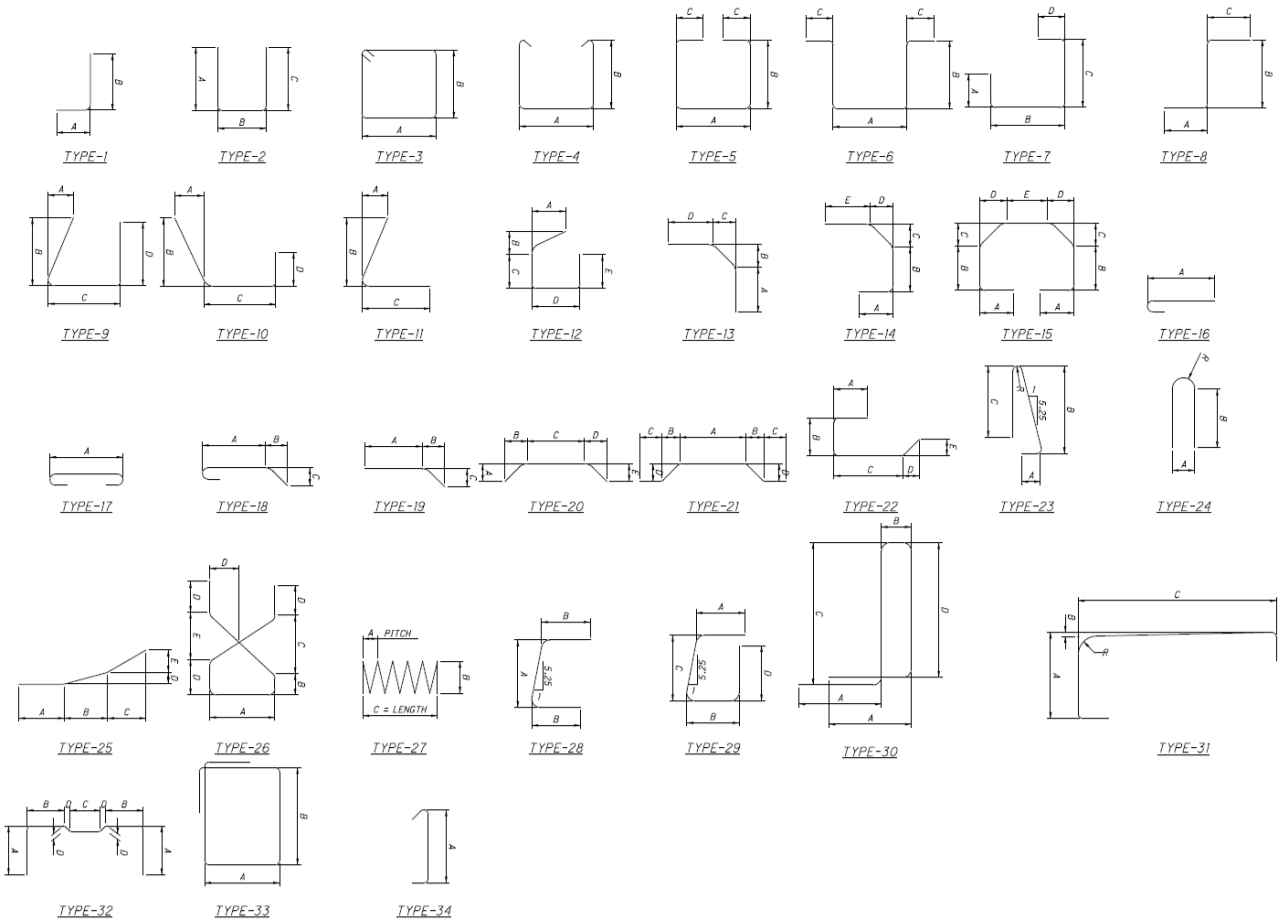

Figure 1: ODOT Bar Bending Diagrams

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