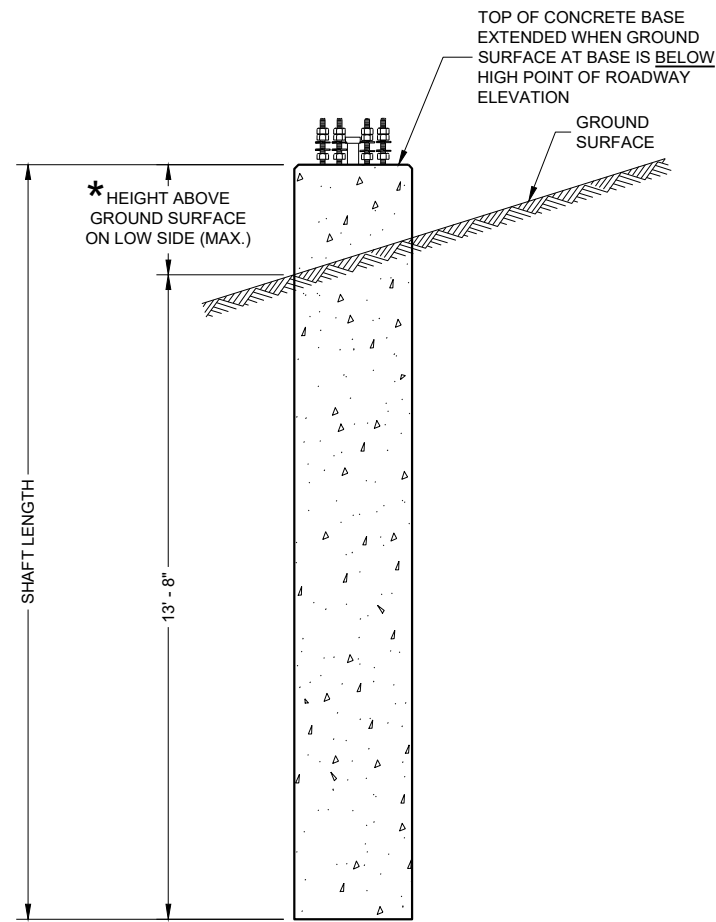


**REINFORCEMENT AND CONCRETE QUANTITIES
ADJUSTED FOR EXTENDED TYPE 10 CONCRETE BASE**

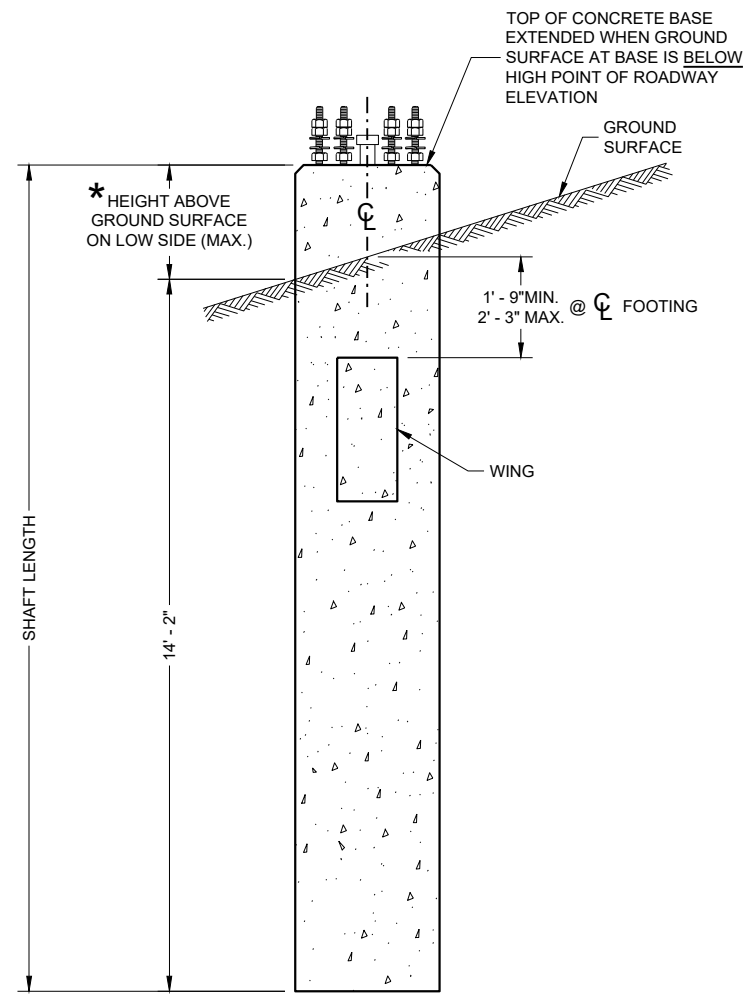
HEIGHT INCREASE REQUIRED	*HEIGHT ABOVE GROUND SURFACE ON LOW SIDE (MAX.)	SHAFT LENGTH	LENGTH OF #6 VERTICAL REINF.	NO. OF #5 HOOPS	CU. YD. OF CONCRETE	LBS. OF HOOP BAR STEEL	LBS. OF VERTICAL STEEL
>0" TO 6"	10"	14' - 6"	14' - 1"	22	2.6	180	127
>6" TO 1' - 0"	1' - 4"	15' - 0"	14' - 7"	23	2.7	188	131
>1' - 0" TO 1' - 6"	1' - 10"	15' - 6"	15' - 1"	24	2.8	196	136
>1' - 6" TO 2 - 0"	2' - 4"	16' - 0"	15' - 7"	24	2.9	196	141



CONCRETE BASE TYPE 10 (EXTENDED)

**REINFORCEMENT AND CONCRETE QUANTITIES
ADJUSTED FOR EXTENDED TYPE 13 CONCRETE BASE**

HEIGHT INCREASE REQUIRED	*HEIGHT ABOVE GROUND SURFACE ON LOW SIDE (MAX.)	SHAFT LENGTH	LENGTH OF #6 VERTICAL REINF.	NO. OF #5 HOOPS	CU. YD. OF CONCRETE	LBS. OF H.S. BAR STEEL
>0" TO 6"	10"	15' - 0"	14' - 7"	23	6.5	654
>6" TO 1' - 0"	1' - 4"	15' - 6"	15' - 1"	24	6.6	673
>1' - 0" TO 1' - 6"	1' - 10"	16' - 0"	15' - 7"	24	6.8	680
>1' - 6" TO 2 - 0"	2' - 4"	16' - 6"	16' - 1"	25	7.0	699



CONCRETE BASE TYPE 13 (EXTENDED)

**CONCRETE BASE
TYPE 10 AND TYPE 13
EXTENSION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023 /S/ Ahmet Demirelek
DATE STATE ELECTRICAL ENGINEER

FHWA

Concrete Base Type 10 and Type 13 Extension

References:

- [FDM15-5 Attachment 30.5](#) and [30.6](#) for conventional symbols
- [Standard Spec 532.3.6.1](#) for Anchor Rod Tightening
- [Standard Spec 654 Bases](#)
- [TSM 6-1-11 Monotube Signal Arms and Pole Structures](#)

Bid items associated with this drawing:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
654.0110	Concrete Bases Type 10	EACH
654.0113	Concrete Bases Type 13	EACH

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
NONE	

Other SDDs associated with this drawing:

- [SDD 9C11](#) Concrete Base Type 10
- [SDD 9C12](#) Concrete Base Type 13 sheets "a" and "b"
- [SDD 9E8](#) Type 9, 10, Type9/10 Special, Type 12, and Type 13 Poles with Monotube Arms, sheets "a", "e", "i", "j" and "k"
- [SDD 9E12](#) Over Height Poles and Monotube Arms sheet "a" thru "e"

Design Notes:

NONE

Contact Person:

Ahmet Demirbilek (414) 220-6801
 (414) 322-9606 (Mobile)