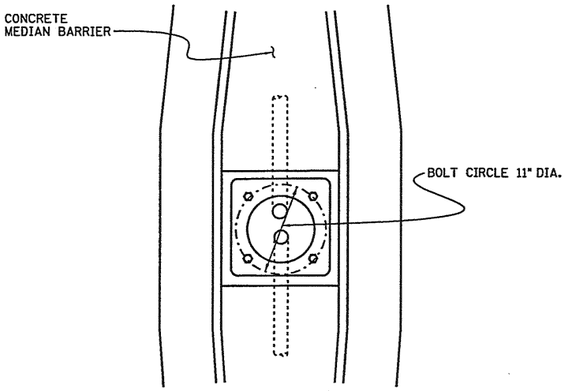
STD83SS.DGN

CONST. NO.

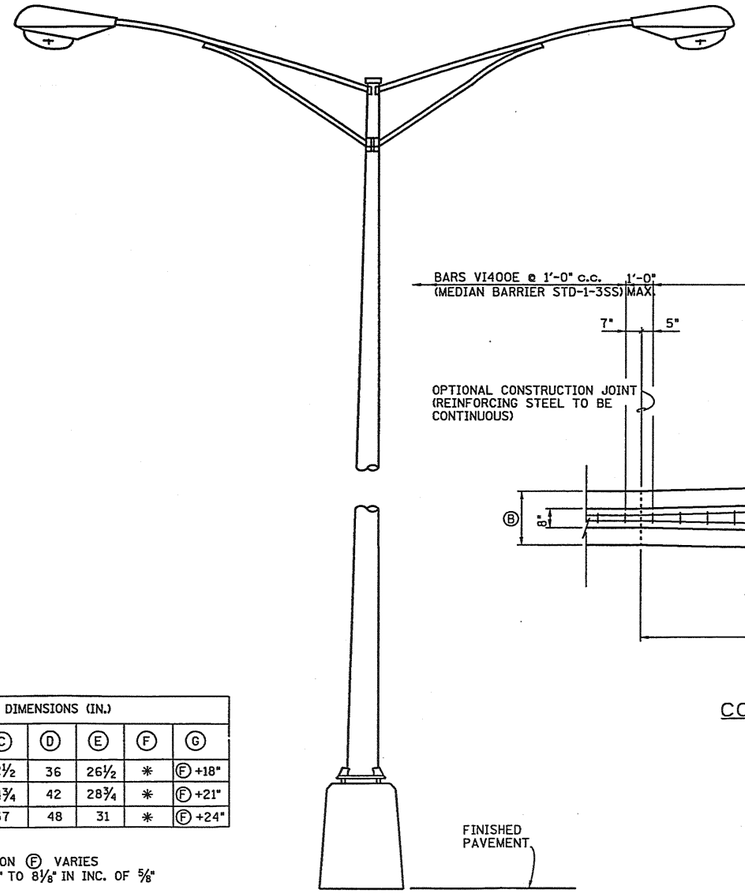
PROJECT NO.	YEAR	SHEET NO.

REVISIONS

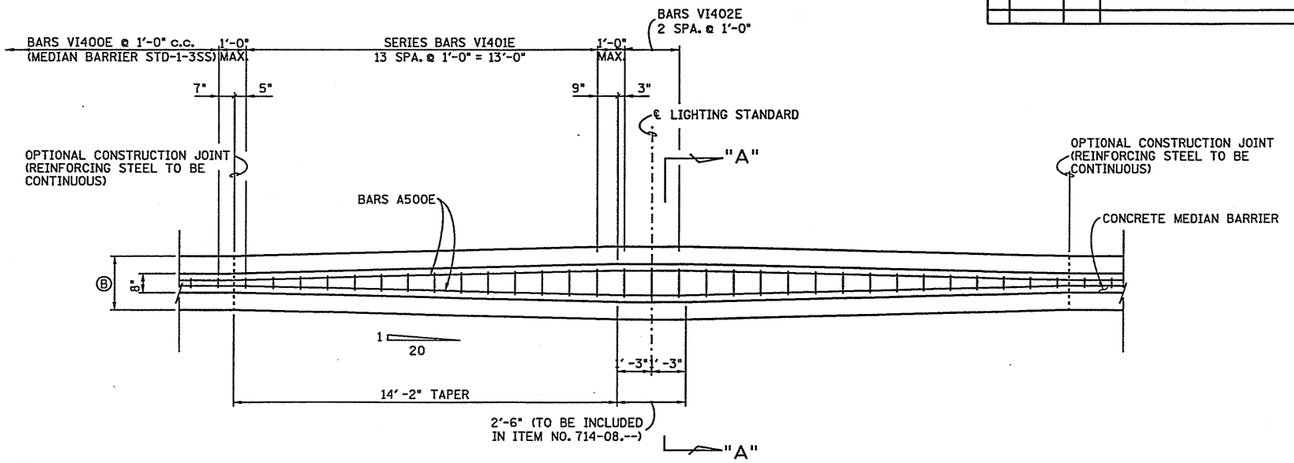
NO.	DATE	BY	BRIEF DESCRIPTION



PLAN



LIGHTING STANDARD DETAIL

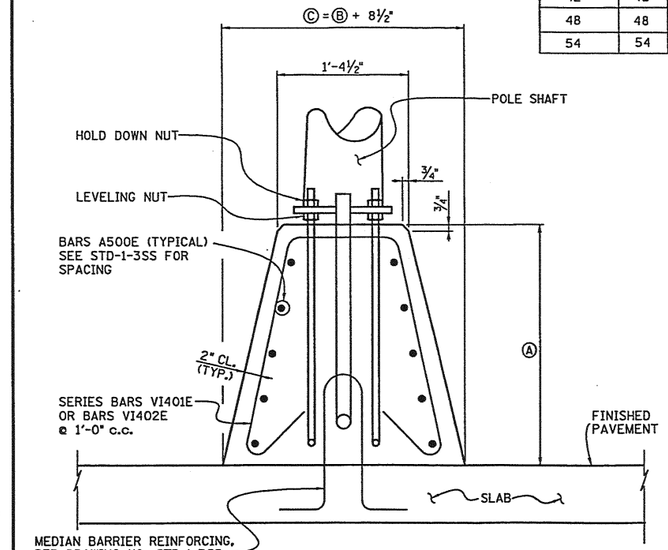


CONCRETE MEDIAN BARRIER TRANSITION AT PROPOSED LIGHTING STANDARD -PLAN-

NOTE: THE REINFORCING STEEL FOR MEDIAN BARRIER STANDARD LIGHT SUPPORT IS TO BE THE SAME SIZE, SPACING AND LOCATION AS DETAILED FOR MEDIAN BARRIER IN NON-FLARED SECTIONS UNLESS NOTED OTHERWISE.

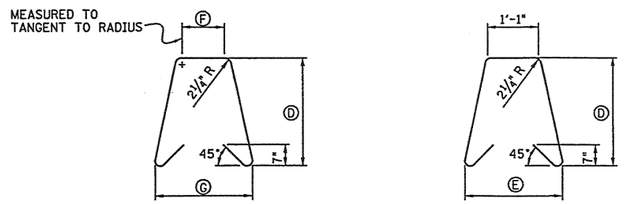
BARRIER HEIGHT (IN.)	DIMENSIONS (IN.)						
	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ
42	42	24	32½	36	26½	*	Ⓕ +18"
48	48	26¼	34¾	42	28¾	*	Ⓕ +21"
54	54	28½	37	48	31	*	Ⓕ +24"

*DIMENSION Ⓕ VARIES FROM 0" TO 8⅛" IN INC. OF ⅝"



SECTION "A"-"A"

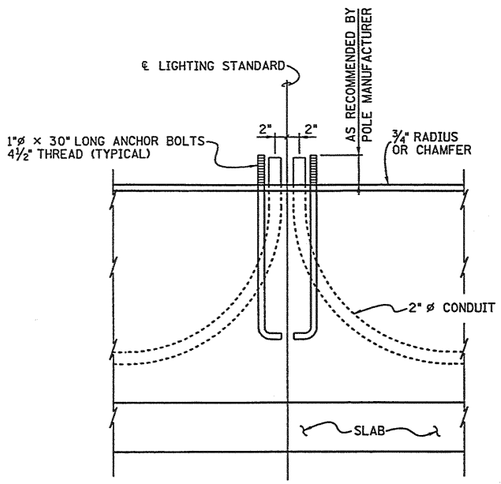
NOTE: ALL COST OF THE TRANSITION FOR THE LIGHTING STANDARD TO BE INCLUDED IN THE UNIT PRICE BID FOR 711-02.03 REINFORCED CONCRETE MEDIAN BARRIER (BRIDGES).



SERIES BARS VI401E BARS VI402E

GENERAL NOTES:

1. STANDARD ROAD AND BRIDGE SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION (LATEST EDITION.)
2. CONDUCTORS SHALL BE COPPER CONDUCTOR WITH 600 VOLT TYPE THWN-MTW, 75°C THERMOPLASTIC INSULATION WITH NYLON JACKET. CONDUCTORS NO. 10 AND SMALLER SHALL BE SOLID, SIZES NO. 8 AND LARGER SHALL BE STRANDED. ALL WIRING SHALL BE RUN IN SCHEDULE 40 POLYVINYL CONDUITS.
3. THIS CONSTRUCTION SHALL COMPLY WITH THE LATEST REVISIONS TO THE NATIONAL ELECTRICAL CODE NFPA NO. 70, AND THE NATIONAL ELECTRICAL SAFETY CODE.
4. ALL INCIDENTAL EQUIPMENT AND MATERIAL REQUIRED FOR THE SUCCESSFUL EXECUTION OF THIS WORK SHALL BE FURNISHED WHETHER SPECIFICALLY NOTED OR NOT.
5. A SEPARATE GROUNDING CONDUCTOR SHALL BE RUN IN EACH RACEWAY AND BONDED TO EACH POLE, METAL CABINET OR BOX. GROUNDING CONDUCTORS SHALL BE NO. 8 COPPER CONDUCTOR, WITH 600V TYPE TW INSULATION, GREEN COLOR.
6. PULL WIRES SHALL BE RUN IN EACH RACEWAY WHEN THE STANDARDS ARE TO BE INSTALLED UNDER A FUTURE CONTRACT.



ELEVATION

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SINGLE SLOPE MEDIAN BARRIER STANDARD LIGHT SUPPORT DETAILS 2007

DESIGNED BY	R.L. CRAWFORD	DATE	3-07
DRAWN BY	K.L. FRANKENFIELD	DATE	3-07
SUPERVISED BY		DATE	
CHECKED BY		DATE	

CORRECT Edward P. Wasserman
ENGINEER OF STRUCTURES

STD-8-3SS

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31-JUL-2007
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