

# PRELIMINARY INFORMATION SHEET

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**LIST OF STANDARDS**

B-71	STANDARDS FOR RESIDENTIAL AND COMMERCIAL DRIVES	07/08/2005
E-102	CONSTRUCTION SIGN DETAILS	06/30/2003
E-102A	CONSTRUCTION SIGN DETAILS	05/01/2004
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	03/01/2004
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06/30/2003
E-107A	BREAKAWAY BARRICADE DETAILS	08/08/1995
E-120	STANDARD SIGN PLACEMENT - EXPRESSWAY & FREEWAY	08/08/1996
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08/08/1997
E-155	WARNING SIGN DETAILS	05/01/2004
E-160	FLANGED CHANNEL STEEL SIGN POST	05/20/1999
E-164	SQUARE STEEL SIGN POST	05/20/1999

LOAD FACTOR - LOAD RATING (TONS)							
LOADING LEVELS	TRUCK						
	H	HS	3S2	6 AXLE	3A. STR.	4A. STR.	5A. SEMI
INVENTORY	18						
POSTED	22						
OPERATING							

COMMENTS: FLOOR BEAM CONTROLS.

TRAFFIC DATA					
YEAR	ADT	DHV	% D	% T	ADTT
2002	330	45	57	8	30
2022	440	60	57	8	40

20 year ESAL for flexible pavement from 2002 to 2022 : 297,000  
 40 year ESAL for flexible pavement from 2002 to 2042 : 678,000  
 Design Speed : 35 mph

**DESIGN CRITERIA**

- 1. DESIGN LIVE LOAD AASHTO H 20-44
- 2. DESIGN SPAN SPAN 1: 77'-3 7/8"; SPAN 2: 76'-8 1/8"
- 3. ALLOWABLE LOAD FOR SPREAD FOOTINGS ON SOIL N/A  
ON LEDGE N/A
- 4. ALLOWABLE LOAD FOR PILING N/A  
TYPE N/A  
ESTIMATED LENGTH N/A
- 5. STRUCTURAL STEEL AASHTO M270MM270 GRADE N/A
- 6. REINFORCING STEEL GRADE 60
- 7. CONCRETE, HIGH PERFORMANCE CLASS A fc: 4000 psi  
CONCRETE, HIGH PERFORMANCE CLASS B fc: 3500 psi
- 8. DESIGN SOIL UNIT WEIGHT 140 pcf
- 9. DESIGN LOAD FOR SPREAD FOOTINGS ON SOIL N/A

**TRAFFIC MAINTENANCE**

- 1. IS TRAFFIC TO BE MAINTAINED? NO (DETOUR ROUTE TO BE USED INSTEAD)  
IF YES, ON EXISTING STRUCTURE? N/A  
OR ON TEMPORARY BRIDGE? N/A  
ONE OR TWO-WAY TRAVEL? N/A
- 2. TRAFFIC CONTROL SIGNALS REQUIRED? N/A
- 3. ARE SIDEWALKS REQUIRED? NO  
IF SO, ON WHAT SIDE? N/A

PROJECT NAME: **SALISBURY**  
 PROJECT NUMBER: **BHO 1445 (27)**

FILE NAME: \\96J268\Structures\sj268pi.xls PLOT DATE: **11/15/2006**  
 PROJECT MANAGER: **R. R. WHITCOMB** DRAWN BY: **G. ROY**  
 DESIGNED BY: **C. CARLSON** CHECKED BY: **C. CARLSON**  
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