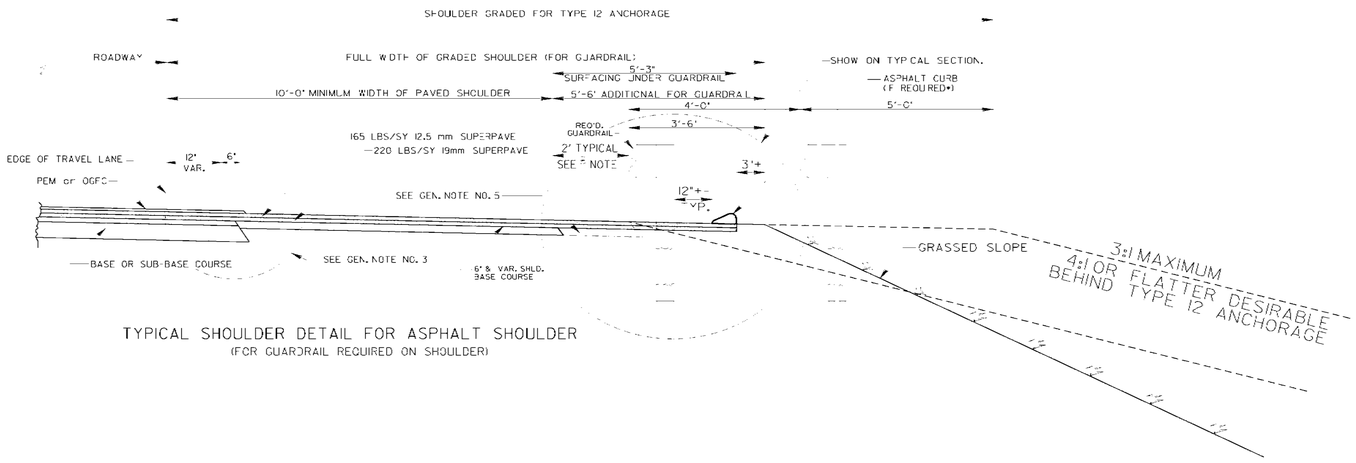
RELEASED FOR CONSTRUCTION 12/02/10

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

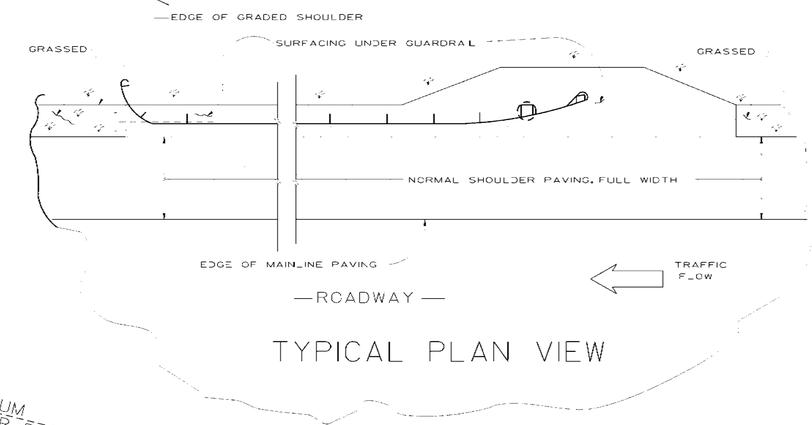


TYPICAL SHOULDER DETAIL FOR ASPHALT SHOULDER
(FOR GUARDRAIL REQUIRED ON SHOULDER)

SHOW ON TYPICAL SECTION.
ASPHALT CURB (IF REQUIRED*)
5'-0"

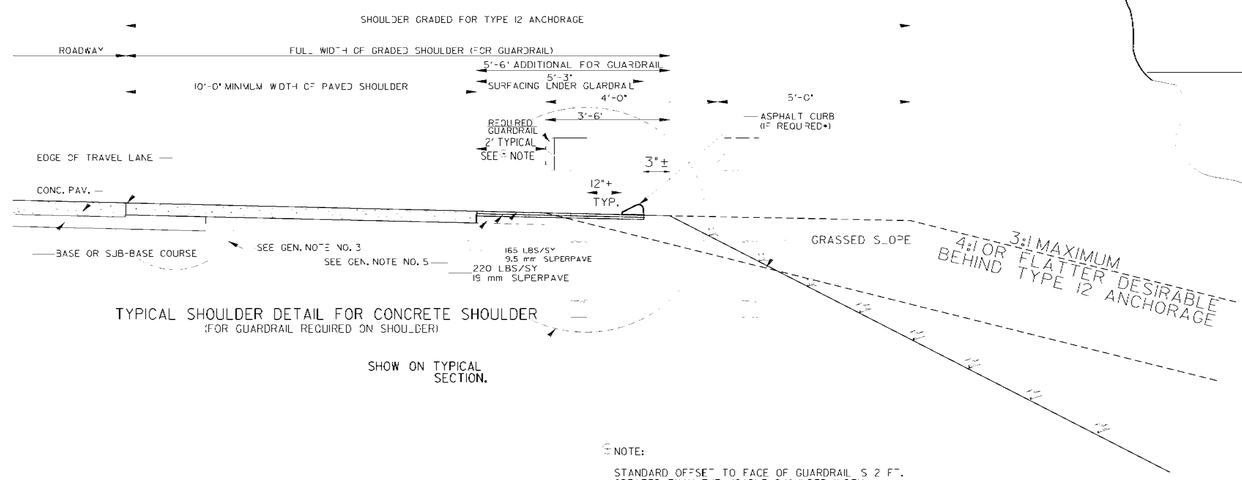
GENERAL NOTES:

1. SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION, & SUPPLEMENTS THERETO.
2. THE TREATMENT SHOWN FOR THE OUTER PORTION OF THE SHOULDER APPLIES ONLY WHERE GUARDRAIL IS TO BE LOCATED ALONG PAVED SHOULDER.
3. PAVMENT DESIGN AND NORMAL SHOULDER PAVING ARE ILLUSTRATED AS TYPICAL, OTHER MATERIALS SUCH AS SELECT BORROW, DRAINAGE COURSE, 2.5 MM SUPERPAVE, ETC. SHALL BE AS SPECIFIED ON THE PROJECT, WHERE REQUIRED.
4. AFTER GUARDRAIL POSTS HAVE BEEN INSTALLED, THE SURFACE AREA AROUND THE POSTS SHALL BE SEALED WITH THE APPROPRIATE ASPHALT OR OTHER APPROVED MATERIAL AT NO ADDITIONAL PAYMENT, IF THE ENGINEER DETERMINES IT IS NECESSARY.
5. THE PAVED SHOULDER WIDTH MAY BE EXTENDED TO THE FACE OF THE GUARDRAIL, WHERE SPECIFIED.
6. NORMAL USE OF ASPHALTIC CURB SHALL BE WHERE 2:1 FILL SLOPES WARRANT GUARDRAIL, EXCEPT ON THE HIGH SIDE OF SUPERELEVATION. SEE SEPARATE DETAILS.



TYPICAL PLAN VIEW

NOTE: DETAIL ABOVE IS TYPICAL. SEE GUARDRAIL STANDARDS FOR SHOULDER WIDENING AT ANCHORAGES, WHERE REQUIRED.



TYPICAL SHOULDER DETAIL FOR CONCRETE SHOULDER
(FOR GUARDRAIL REQUIRED ON SHOULDER)

SHOW ON TYPICAL SECTION.

NOTE: NORMAL USE OF THESE DETAILS IS WHERE FULL WIDTH SHOULDER PAVING IS SPECIFIED AND GUARDRAIL IS REQUIRED.

* NOTE:

STANDARD OFFSET TO FACE OF GUARDRAIL IS 2 FT. GREATER THAN THE USABLE SHOULDER WIDTH. SHOULDER PAVING SHALL BE AT LEAST THE WIDTH OF THE USABLE SHOULDER FOR USE OF THESE DETAILS. (SHOULDER PAVING WIDTH MAY BE ADDITIONALLY INCREASED AT GUARDRAIL RUNS TO REDUCE AREA REQUIRING WEED CONTROL). GRADED SHOULDERS SHALL HAVE ADDITIONAL WIDTH FOR GUARDRAIL LOCATION PER STANDARD DETAILS.

** ASPHALTIC CONCRETE CURB PER SECTION 436 SHALL BE REQUIRED WHERE SPECIFIED. TYPICAL USE IS FOR EROSION PREVENTION OF HIGH FILL SLOPES. THE SHAPE OF ASPHALTIC CURB BEHIND GUARDRAIL MAY VARY AS APPROVED BY THE ENGINEER.

REVISION	DATE
REVISED	9-30-09
REVISED	4-23-02

CONSTRUCTION DETAILS

SHOULDER PAVING AND SURFACING UNDER GUARDRAIL

Interstates & Freeways

NO SCALE — RE-DRAWN OCT. 1999

BY: DES. & REV. MGR. ____ RDDR. ADS ____ CHK. ____

(SUBMITTED) STATE ROAD & AIRPORT DESIGN ENGR.
(APPROVED) CHIEF ENGINEER

Sheet 2 of 2

S-4

THE LPA GROUP
TRANSPORTATION CONSULTANTS
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

REVISION DATES		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY
CONSTRUCTION DETAILS

DRAWING No. 40-014