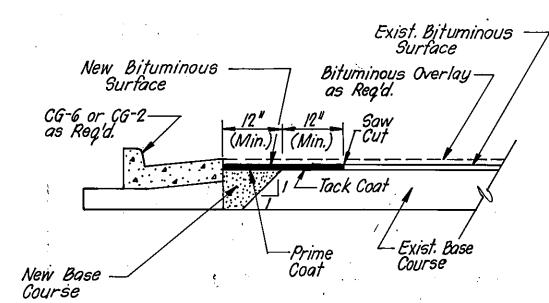


Note: See Sheet 2 for location of CG-2 or CG-6



DETAIL A

Exist. Pavement-

F.H.W.A

REGION

—Var. Depth Bituminous Conc. Type S-5 For Correcting Irregularities in Exist. Pavement, ✓ Var. Depth Bituminous Conc. Type B-3
For Correcting Irregularities in
Exist, Pavement.

FEDERAL AID

PROJECT

DETAIL D

ROUTE

ROUTE

STATE

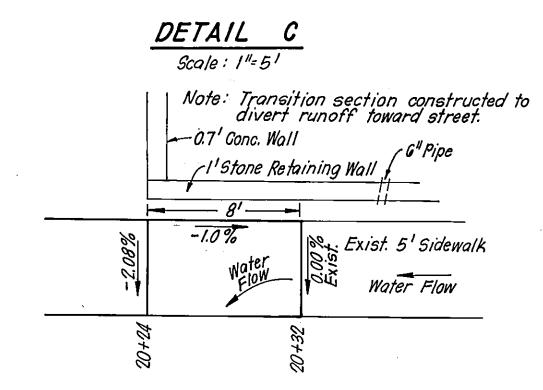
PROJECT

SHEET

NO .

TOTAL

SHEETS



GENERAL NOTES

This project is to be constructed in accordance with Virginia Department of Highways and Transportation Road and Bridge Specifications Dated July 1, 1982 and Road and Bridge Standards Dated July 1, 1982 as amended by contract provisions and these plans.

<u>GRADING</u>

The grade line denotes top of finished pavement unless shown otherwise on typical sections or plans.

No allowance will be made for the milling of existing pavement necessary to bring the required bituminous overlay to finish-grade line as shown on plans or typical sections. The cost for pavement milling shall be included in unit prices for other items of work.

DRAINAGE

The pipe culvert shall be concrete to conform with the applicable fill height limitations. For strength requirement, available sizes, height of fill limitation and method of bedding required, see Standard Drawing PB-1 and PC-1. PAVEMENT

The materials listed below are to paid for on a tonnage basis on this project. The theoretical tonnage shown on these plans is based on the weight shown hereon. The weight will vary in accordance with the specific gravity of the aggregates and the asphaltic content of the mix actually used to secure the design depth.

4" Aggregate Subbase Material Size 21 or 21 A @ 145 Lbs. Per Cubic Foot I" Bituminous Concrete Type 5-5 & B-3 @ 115 Lbs. Per Sq. Yd.

· · ·								1	1
REVISION	DATE			DESCRIPT	ION			BY	APF
DESIGNED MSA		`							,
DRAWN JLS			13TH STREET OVER NW RAILWAY						
CHECKED MSA CITY OF ROANOKE, VIRGINIA									
APPROVED HOX ROADWAY TYPICAL SECTION AND DETAIL						_S			
SUBMITTED JULY							· . = .		
	ECTS - ENGIN		ATTERN & MATTERN GINEERS - PLANNERS VIRGINIA		SCALE	NO SCALE	COMM .NO.	2802	A
					' DATE	JULY 1983	SHEET	T 4 OF	20

TYPICAL SECTION- MEMORIAL AVE. \$ 13 TH STREET r—Sur. ₺ ₺ Crown Line —Exist. Curb Point of —— Finish Grade Var. Slope Match Exist. Var. Slope -See Detail D Var. Depth Bit. Conc. Type B-3 Exist. Pavement-Var. 20' Min. Station 16+44.79 17+73.64

Note: 1. From Sta. 16+44.79 ahead, Mill existing pavement as required for a 1½" Bituminous Overlay. (Min. 1" overlay right of Crown Line). See Profile Sheet 3 for Finish Grade at Construction &.

2. See Sheet 2 for Location of CG-2 & CG-6.

(1) Surface Course-Bituminous Concrete Type S-5@165 lbs. per sq. yd.

(2) Surface Course-Bituminous Concrete Type 5-5@115 lbs.per eq.yd. 3 Base Course - 5½" Bituminous Concrete Type B-3

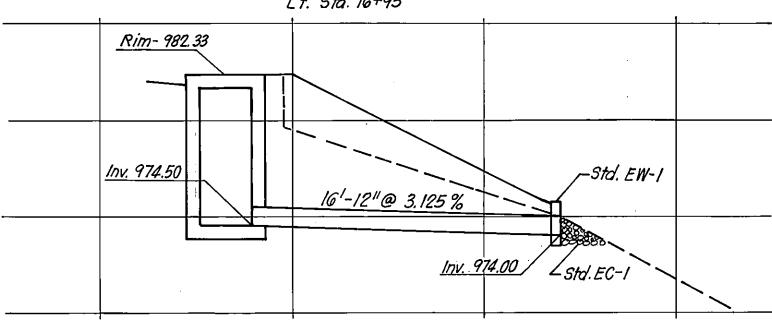
(4) Aggregate Base Material, Type I, Size 21 or 21A-Minimum Depth 4.

(A) Combination Curb & Gutter CG-6 (or CG-2 as Required).

(B) Seeding

(C) Var. Width × 4" Cement Concrete Sidewalk.

PIPE PROFILE Lt. Sta. 16+95



INCIDENTALS

No allowance will be made for the following items. Their costs shall be included in the unit price bid for other items of work.

The removal of all existing curb & gutter, sidewalk, pipelines, drainage structures, building foundations and floors below present ground level, the plugging of storm or sanitary pipe and other incidentals within the limits of R/W as directed by the engineer.

DRAWN BY: TRACED BY: CHECKED BY: Tie Prop. Curb to Exist. Sidewalk Mill Pavement at this joint and ahead as required to provide for 1½" bituminous overlay. Survey. & SUMMARY OF QUANTITIES

DETAIL B

Scale: 1"=10'

Proposed Sidewalk

-5¹ Transition To Meet Exist. Sidewalk

SUMINIARY OF QU	ANTITES	
Description	Unit	Quantity
Mobilization	L.S.	_
Regular Excavation	C. Y.	10
Borrow Excavation	C.Y.	10
12" Pipe	· L.F.	16
Bedding Material, Aggr. No. 25 or 26	C.Y.	0.2
DI-3B (8' H=7.83')	'EA.	/
Class A-3 Conc. for EW-1	C.Y.	0.24
Erosion Control Treatment, EC-1 Type A	C.Y.	0.5
Full Depth Pavement	S.Y.	76
Std. Conc. Curb CG-2	L.F.	105
Combination Curb & Gutter CG-6	L.F.	137
4" Cement Concrete Sidewalk	S.Y.	156
Entrance Gutter CG-9	S.Y.	48
Relocate Guardrail	L.S.	/
Tree Removal	EA.	. /
Landscaping	AC.	0.1
Baled Straw and for Silt Fence	L.F.	500
<u>Overlay</u>		
Bituminous Overlay	S.Y.	743
Manhole Adjustment (Wateringin)	EA.	1

GENERAL NOTES CON'T.