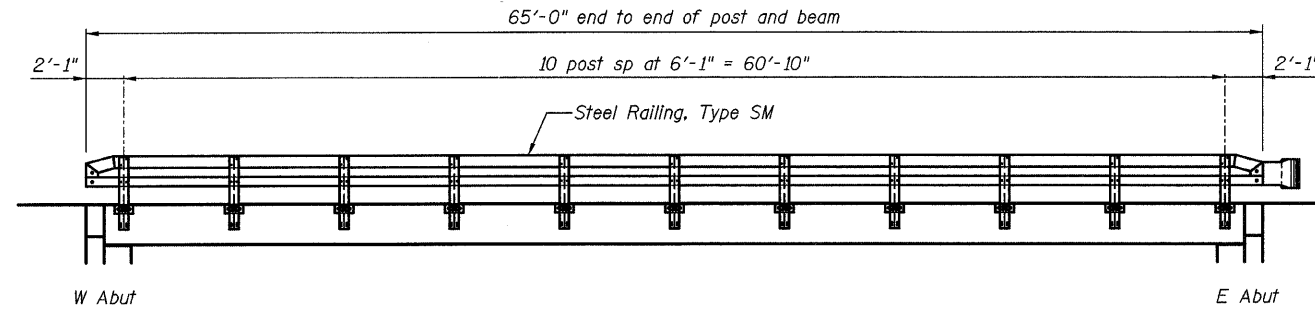


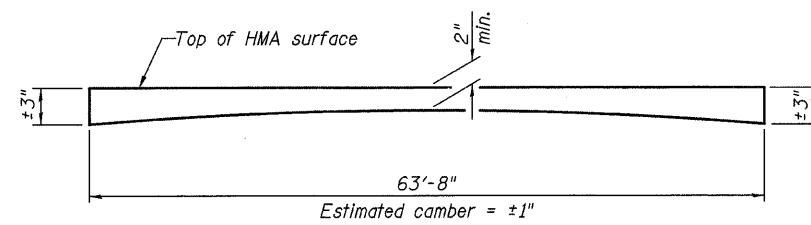
Sheet No. 2
of 8 Sheets

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 549	*	MACON	52	22
FED. ROAD DIST. NO. 7		ILLINOIS	PROJECT	

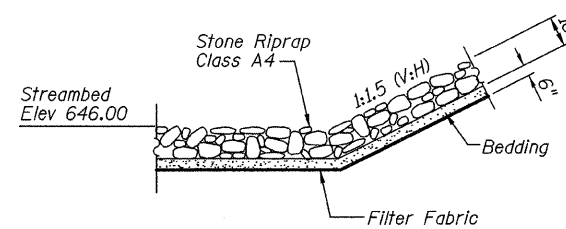
*03-00184-00-BR



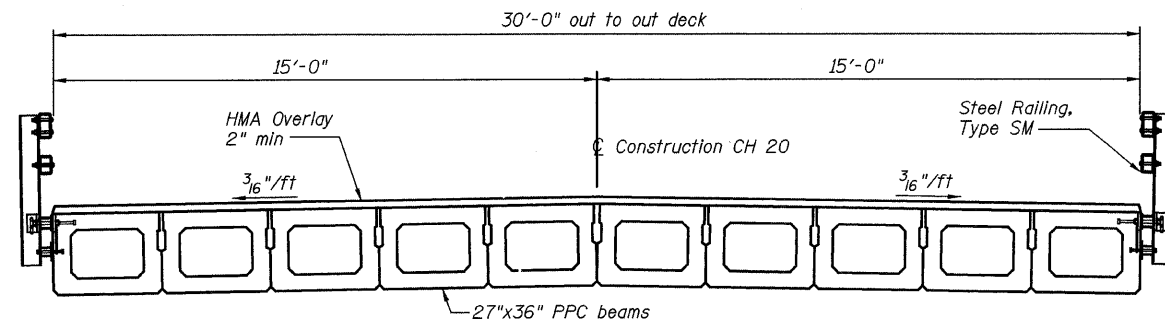
ELEVATION



HMA WEARING SURFACE PROFILE



STONE RIPRAP DETAIL



PROPOSED CROSS SECTION

TOTAL BILL OF MATERIAL

Item	Unit	Quantity
Removal of Existing Structures	Each	1
Channel Excavation	Cu Yd	287
Structure Excavation	Cu Yd	104
Stone Riprap, Class A4	Sq Yd	522
Filter Fabric	Sq Yd	522
Concrete Structures	Cu Yd	28.6
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq Ft	1910
Reinforcement Bars, Epoxy Coated	Pound	2560
Steel Railing, Type SM	Lin Ft	130
Furnishing Steel Piles HP12x53	Foot	486
Driving Piles	Foot	486
Test Pile Steel HP 12x53	Each	1
Name Plates	Each	1
Controlled Low Strength Material	Cu Yd	48
Waterproofing Membrane System	Sq Yd	212
Concrete Encasement	Cu Yd	3.6
Terminal Markers Direct Applied	Each	4
Hot Mix Asphalt Surface Course, Mix "C" N50	Ton	30

GENERAL NOTES:

Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.

All Construction joints shall be bonded.

See Roadway Plans for channel excavation limits and quantities.

See Roadway Plans for additional riprap limits and quantities.

Reinforcement bars designated (E) shall be epoxy coated.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

The Steel H piles shall be according to AASHTO M270, Grade 50.

CH 20 OVER STEVENS CREEK

DETAILS AND BILL OF MATERIAL

REVISIONS		CH 20	SECTION 03-00184-00-BR	DRAWN BY DATE
No.	DATE	INITIALS	SN 058-3371	R KING 6/09
1			MACON	COUNTY
2				CHECKED BY DATE
3				JMB 6/09
4				BOOK NUMBER
5				PROJECT No.
6				4901
7				SHEET No.
8				
9				
10				

HOMER L.
CHASTAIN
& ASSOCIATES, LLP
CONSULTING ENGINEERS
184-001877

DECATUR CHICAGO
(317) 422-8544 (773) 714-0050
ROCKFORD
(815) 489-0650