

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 6304	#	EFFINGHAM	95	4
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT- MPP-409(04)		

\* SECTION 05-00094-01-PV  
SECTION 03-00098-00-BR  
CONTRACT #95503

1. The following rates of application have been assumed in calculating plan quantities:

Crushed Stone	2.05 Tons/CY
Bituminous Concrete	115 lbs/Inch/SY
Bituminous Materials (Prime Coat) on Aggregate Bases	0.50 Gal/SY
Nitrogen Fertilizer Nutrient	90 lbs/Acre
Phosphorus Fertilizer Nutrient	90 lbs/Acre
Potassium Fertilizer Nutrient	90 lbs/Acre
Agricultural Ground Limestone	2 Tons/Acre
Mulch, Method 2	2 Tons/Acre
Temporary Erosion Control Seeding	100 lbs/Acre

2. Before ordering storm sewers, pipe culverts or pipe drains, the Contractor shall consult the Engineer for exact lengths.

3. The Engineer shall be the sole judge concerning curing time for the various bituminous lifts.

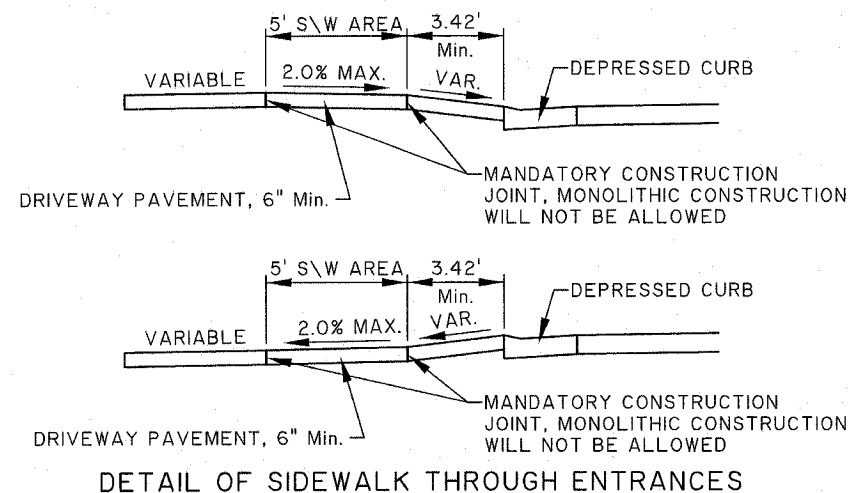
4. For the pay item Bituminous Materials (Prime Coat), the Contractor shall use either RC-70 or an emulsified polymer prime SS-IHP.

5. CURB AND GUTTER, WALKS AND SLABS

A. Concrete curb and gutter shall be in accordance with IDOT Std. Spec. Locate contraction joints at 20 ft on center, unless otherwise shown. Locate expansion joints at minimum 100 ft. on center, unless otherwise shown.

B. Concrete walks, islands, and other slabs shall be in accordance with IDOT Std. Spec. Unless otherwise shown, locate sidewalk contraction joints at 5 ft on center and expansions joints at 50 ft on center, unless otherwise shown, locate contraction joints in larger slabs at 15 ft intervals in each direction, reinforced with lubricated smooth dowel bars (3/4 in. diameter, 18 in. length, at 12 in. centers).

C. Concrete walks crossing through entrances shall be constructed in accordance with the detail shown below. Monolithically constructed sidewalks will not be allowed.



6. PAVEMENT MARKING

A. Epoxy Pavement Marking on hot mix asphalt paving, concrete curbs, walks, and ramps as shown. Epoxy shall be factory mixed, quick-drying, non-bleeding traffic marking epoxy complying with AASHTO M248, Type S. Color shall be as indicated in the plans, except where another color is required by Code.

B. Clean surface in areas to receive markings. Epoxy markings and symbols with traffic marking paint. Apply paint with mechanical equipment to produce uniform straight edges. Apply two coats at manufacturer's recommended rates.

C. Epoxy Pavement Marking - Line 4 Inches shall be constructed in accordance with the Standards, as shown on the Plans and as determined by the Engineer. The total quantity calculated consists of 2193 feet of White and 3017 of Yellow.

D. Epoxy Pavement Marking - Line 6 Inches shall be constructed in accordance with the Standards, as shown on the Plans and as determined by the Engineer. The total quantity calculated consists of 600 feet of White.

E. Epoxy Pavement Marking - Line 12 Inches shall be constructed in accordance with the Standards, as shown on the Plans and as determined by the Engineer. The total quantity calculated consists of 22 feet of Yellow.

F. Epoxy Pavement Marking - Line 24 Inches shall be constructed in accordance with the Standards, as shown on the Plans and as determined by the Engineer. The total quantity calculated consists of 119 feet of White.

7. DISPOSAL

A. Remove from Owner's property and legally dispose of excess excavated material, trash, debris, and waste materials.

16. Only those trees designated by the Engineer shall be removed. The Contractor shall protect all remaining trees from damage due to his operations.

17. Removal of concrete pipe culverts and concrete encased clay pipe culverts will be paid for as pipe culvert removal. All other pipe culvert removal and headwall removal shall be considered included in the cost of Earth Excavation.

LEGEND

○	IRON PIN FOUND
○ 1/4	1/4" IRON PIN FOUND
○ IP	IRON PIPE FOUND
○ NW	NAIL & WASHER FOUND
○ N	NAIL FOUND
○ PK	PK NAIL FOUND
○ RR	RAILROAD SPIKE FOUND
○ T	"T" FENCE POST FOUND
○ X	CHISELED "X" IN CONCRETE FOUND
○ DH	DRILLED HOLE IN CONCRETE FOUND
⊙	SURVEY DISC FOUND
⊘	STONE FOUND
⊗	TREE (DECIDUOUS)
⊛	TREE (EVERGREEN)
⊙	FIRE HYDRANT
⊞	WATER METER
— v —	WATER MAIN (EXISTING)
— w —	WATER SERVICE LINE (EXISTING)
⊗	VALVE (GAS OR WATER)
⊞	GAS METER
— g —	GAS MAIN (EXISTING)
— o —	GAS SERVICE LINE (EXISTING)
⊞ C	CABLE TV PEDESTAL
— CT —	UNDERGROUND CABLE TV (EXISTING)
⊞ T	TELEPHONE PEDESTAL
⊞	TELEPHONE MANHOLE
— T —	TELEPHONE CABLE (EXISTING)
— t —	TELEPHONE SERVICE WIRE (EXISTING)
— o —	POWER POLE
⊞	POWER POLE w/LIGHT
←	GUY ANCHOR
⊞	LIGHTPOLE (EXISTING)
⊞ E	ELECTRIC PEDESTAL
— OHE —	OVERHEAD ELECTRIC (EXISTING)
— E —	UNDERGROUND ELECTRIC (EXISTING)
L/S	LANDSCAPING
⊙	FENCE POST
— x — x — x —	FENCE

**MILANO & GRUNLOH ENGINEERS, LLC**  
 84 WEST WASHINGTON  
 P.O. BOX 897  
 EFFINGHAM, ILLINOIS 62401  
 PHONE: (217) 347-7282  
 (800) 677-2774  
 FAX #: (217) 342-3433

GENERAL NOTES  
OUTER BELT WEST  
CITY OF EFFINGHAM, ILLINOIS

File name: S:\DWG\05\05014\dwg\Title Sht.dwg  
Plot date: 03/30/07 at 12:00