ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Environmental Survey Request)
- * BDE Form 2290 (Waste/Use Area Review)
- A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- Borrow Area Entry Agreement form-D4 PI0101

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval - 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers - 6 inches (150 mm) from the inside edge of the pavement marking

Location:

- * Ramps along baseline edge of pavement

Position - stations shall be placed so they can be read from the adjacent shoulder

Format - English (Metric) pavement stations shall use this format "XXX (XX+X00)" where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Polymer Surface 1.5"	Polymer Level Binder 1"	Partial Depth Patching	Shoulders (Surface Lift)	Shoulders (Lower Lifts)	Incidental Surface
AC/PG:	SBS or SBR 76-28	SBS or SBR 76-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 4.75	IL 9.5	IL 9.5FG	IL 19.0	IL 9.5
Friction Aggregate:	Mix D	N.A.	N.A.	Mix C	N.A.	Mix C
Quality Management Program:	QCP	QCQA	QCQA	QCQA	QCQA	QCQA

Notes: Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal aggregate size.

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* 2,3, & 5 Lane Pavements - right edge of pavement in direction of increasing stations * Multi-Lane Divided Roadways - outside edge of pavement in both directions

. NOTES & COMMITMENTS		F.A.P. RTE	SECT	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
		702	(114)SR,CLV,RS-4			WOODFORD	309	3	
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				ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021 90% FEDERAL 10% STATE
67000400	ENCINEED'S FIELD OFFICE TYPE A		8	
81000400			0	
67100100	MOBILIZATION	L SUM	1	0.4
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	
70103815		CAL DA	60	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	9692.4	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3230.8	
72000100	SIGN PANEL - TYPE 1	SQ FT	140	140
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	156	156
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	75564	
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	31	31
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	400	

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