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## **HIGHWAY STANDARDS**

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1. ::19	API 000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTER	RNS	y grava
i ili	001006	DECIMAL OF AN INCH AND OF A FOOT	entre established	1 (1-1-1)
1111	280001-05	TEMPORARY EROSION CONTROL SYSTEMS	1000 (100 ) 100 (100 ) 100 (100 ) 100 (100 ) 100 (100 ) 100 (100 ) 100 (100 ) 100 (100 ) 100 (100 ) 100 (100 )	grade (Sample)
	406201-01	MAILBOX TURNOUTS		Alger Highligh
	442201-03	CLASS C AND D PATCHES	人名英格兰斯斯	All and the second and
	630001-09	STEEL PLATE BEAM GUARDRAIL		A Draws
	630101-09	GUARDRAIL MOUNTED ON EXISTING CULVERTS	The second of the second	and the second
	630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARD	RAIL TERMINALS	
	635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT	and the state of t	
	-635011-02	REFLECTOR MARKER AND MOUNTING DETAILS	i sa uniterior	
	667101-01	PERMANENT SURVEY MARKERS	en de la companya de La companya de la co	
	701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4,5 m (15') to 600 mm	(24") FROM PAVEM	ENT EDGE
	701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY		MARKS -
	701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 4	5 MPH	
	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS	AT PARTY OF	
	701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS	DAY ONLY, FOR SE	EEDS >= 45 MPH
ary)	701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY	ONLY	તાનું કો કોઈ તો છો.
	701901-01	TRAFFIC CONTROL DEVICES		
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	780001-02	TYPICAL APPLICATION OF PAVEMENT MARKINGS		
	781001-03	TYPICAL APPLICATION OF RAISED REFLECTIVE PAVE	MENT MARKERS	
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# **GENERAL NOTES**

## G.N.-100

KINESATILS SON

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

### G.N.-100A

ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

## G.N.-107.37

UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTLILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123 OR 811.

#### G.N.-250C SPL

TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THIS SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

## GN 406H Mixture Requirements

Contract:

70706

Location	IL 47	IL 47	IL 47		
Mixture Use	Surface, Shoulder, Incidental	Fine Graded Level Binder	Class D Patch HMA SHLD REM & REP SPL		
AC/PG	PG 64-22	PG 64-22	PG 64-22		
RAP % (Max)	10	15	15		
Design Air Voids	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70		
Mix Comp(Gradation)	IL 9.5	IL 9.5 F.G.	IL 19.0		
Friction Aggregate	Mix C	Mix C	N.A.		

### G.N.-406

AWARD AND W

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GEMPE TO

THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

#### G.N.-406.05b

ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

### G.N.-442B - PATCHING SCHEDULES

THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST

INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

## G.N.-542

BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

#### G.N.-667

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.

## G.N.-703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

## G.N.-781

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

#### G.N.-1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

## NO COMMITMENTS

FILE NAME :	USER NAME : bucklesuu	DESIGNED -	REVISED -		<del></del>	INDEX		F.A.P.	SECTION	COUNTY TO	TOTAL SHEET
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