

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	.	CHAMPAIGN	19	2

•D5 SAFETY IMPROVEMENT 2007-1

INDEX

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1	COVER SHEET
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LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-01	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
630001-07	STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-06	TRAFFIC BARRIER TERMINAL, TYPE 6
631033-02	TRAFFIC BARRIER TERMINAL, TYPE 6B
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
701101-01	OFF-ROAD OPERATIONS, MULTILANE, 4.5M (15') TO 600MM (24") FROM PAVEMENT EDGE
702001-06	TRAFFIC CONTROL DEVICES
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-04	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY

GENERAL NOTES

G.N.-100

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.-105.07B

EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL SECURE AN APPROVED LOCATING FIRM TO LOCATE STATE-OWNED UTILITIES PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES IN ACCORDANCE TO SECTION 803 OF THE STANDARD SPECIFICATIONS. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

G.N.-250C - SPL

TEMPORARY EROSION CONTROL SEEDING WILL BE USED FOR AREAS DISTURBED DURING ATTENUATOR PAD CONSTRUCTION AND FOR AREAS INCLUDED IN GRADING AND SHAPING DITCHES QUANTITIES. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

G.N.-631

IF THE CONTRACTOR ELECTS TO USE THE ALTERNATE MOUNTING METHOD OF THRU DRILLING THE MOUNTING HOLES FOR THE TRAFFIC BARRIER TERMINALS, TYPE 6, THE HOLES SHALL BE DRILLED USING A CORE DRILL. A HAMMER DRILL WILL NOT BE ALLOWED.

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

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EXCAVATION ADJ. FOR SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)
	CU YD	CU YD	CU YD (1)	CU YD (2)
S.N. 010-0175	2.4	1.8	28.0	-26.2
S.N. 010-0229	3.0	2.3	41.9	-39.7
S.N. 010-0177	0.0	0.0	17.3	-17.3
S.N. 010-0178	0.0	0.0	17.9	-17.9
S.N. 010-0153	10.0	7.5	18.1	-10.6
S.N. 010-0180	2.8	2.1	14.5	-12.4
S.N. 010-0028	0.0	0.0	16.0	-16.0
S.N. 010-0027	1.7	1.3	22.2	-20.9
TOTAL =	20	15	176	-161
USE =	20			-165

NOTES:

- QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 25%
- NO SHRINKAGE FACTOR APPLIED TO THE EMBANKMENT QUANTITY
- NO PAYMENT WILL BE ALLOWED FOR OVERHAUL

PAY ITEMS

20200100-EARTH EXCAVATION	20	CU YD
20400800-FURNISH EXCAVATION	165	CU YD

NOTE: MILLINGS, IF USED IN FILLS OR EMBANKMENTS, SHALL BE BURIED UNDER A MINIMUM OF 2 FT OF EARTH COVER AND SHALL NOT CREATE AN UNSIGHTLY APPEARANCE OR DETRACT FROM THE NATURAL TOPOGRAPHIC FEATURES OF AN AREA, PER ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS