

**LIST OF ILLINOIS  
DOT HIGHWAY STANDARDS**

280001-04	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
630101-08	GUARDRAIL MOUNTED ON EXISTING CULVERT
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-05	TRAFFIC BARRIER TERMINAL TYPE 2
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701006-03	OFF ROAD OPERATIONS 2L, 2W 15 FT FROM EOP
701011-02	OFF ROAD MOVING OPERATIONS 2L, 2W DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATION, DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATION OF RAISED REFLECTIVE PAVEMENT MARKERS
BLR 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
BLR 22-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 26-1	STEEL PLATE GUARDRAIL 27 1/2" HEIGHT
BLR 27-1	TRAFFIC BARRIER TERMINAL TYPE 5A

**GENERAL NOTES**

- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE ANY SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.  
SEEDING CLASS 2 (SPECIAL) = 5.75 ACRES
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES, AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES, MUNICIPALITIES AND FIELD INSPECTION. SEE STANDARD SPECIFICATIONS.
- MIXTURE REQUIREMENTS:  
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATION(S):	CH 10	TR 92	TR 199A, TR 92
MIXTURE USE(S):	CLASS D PATCHING	HMA BASE COURSE	HMA BINDER
PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 70	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0	IL 19.0	IL 19.0
FRICITION AGGREGATE:	N/A	N/A	N/A

LOCATION(S):	TR 199A, TR 92	CH 10
MIXTURE USE(S):	HMA SURFACE	HMA SHOULDER
PG:	PG 64-22	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70	2.0% @ N DESIGN = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	BAM
FRICITION AGGREGATE:	MIX "C"	N/A

SUMMARY OF QUANTITIES				TR 199A (600TH ST)	TR 92 (800TH AVE)	FAS 566 (CH 10)
CODE	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				I000	I000	J000
20200100	EARTH EXCAVATION	CU YD	4,760		4,610	150
• 20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	890			890
20400800	FURNISHED EXCAVATION	CU YD	3,735		905	2,830
• 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	5.75		3.62	2.13
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,575		362	2,213
28000300	TEMPORARY DITCH CHECKS	EACH	94		52	42
28000500	INLET AND PIPE PROTECTION	EACH	6		6	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	3,615		1,175	2,440
• 35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	1,833			1,833
• 35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	322		322	
• 35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SQ YD	17		17	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	296	3	32	261
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200		50	150
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,323	663	1,457	203
40600300	AGGREGATE (PRIME COAT)	TON	42	13	29	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,750	304	80	1,366
40600990	TEMPORARY RAMP	SQ YD	54	36	18	
• 40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	3,398	920	2,469	9
• 40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,899	545	1,351	3
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	339	34		305
42001300	PROTECTIVE COAT	SQ YD	117,952			117,952
44000100	PAVEMENT REMOVAL	SQ YD	1,692			1,692
• 44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4 "	SQ YD	116,284			116,284
• 44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	6,450	6,450		
• 44004402	PAVEMENT REMOVAL (SPECIAL)	CU YD	93		93	
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	56			56
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	75			75
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	1,360			1,360
44213200	SAW CUTS	FOOT	3,722			3,722
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5,084	238	1,068	3,778
• 48101800	AGGREGATE SHOULDERS (SPECIAL)	SQ YD	23,494			23,494
• 48203100	HOT-MIX ASPHALT SHOULDERS	TON	54			54
50105220	PIPE CULVERT REMOVAL	FOOT	152		152	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2		2	
60255500	MANHOLES TO BE ADJUSTED	EACH	2			2
•▲63000002	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6.75 FOOT POSTS	FOOT	2,287.5			2,287.5
•▲63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	137.5			137.5
•▲63000130	STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)	FOOT	25.0			25.0
▲63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1			1
▲63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	8			8
▲63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	21			21
63200310	GUARDRAIL REMOVAL	FOOT	1,798			1,798
67100100	MOBILIZATION	L SUM	1		0.5	0.5
• 70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1			1
• 70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
• 70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1		1	
• 70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1			1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5,972	976	556	4,440
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	126,277	5,091	11,908	109,278
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,743	82	178	1,483
▲78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	126,277	5,091	11,908	109,278
▲78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	373			373
▲78200405	GUARDRAIL MARKERS	EACH	60			60
▲78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	21			21
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	36		36	
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	176		176	
• XX007777	PORTLAND CEMENT CONCRETE OVERLAY 5 1/4 "	SQ YD	117,952			117,952
• XX007371	PORTLAND CEMENT CONCRETE PAVEMENT, FURNISHED	CU YD	17,274			17,274
• XX006856	BITUMINOUS MATERIALS (COLD-IN-PLACE RECYCLING)	GALLON	60,325			60,325
• Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1			1
• XX007947	FULL-DEPTH RECYCLING OF FLEXIBLE PAVEMENT, 8"	SQ YD	15,082			15,082
• XX007781	PLACEMENT OF SALVAGED BASE MATERIAL	SQ YD	349		349	

\* SEE SPECIAL PROVISIONS

**▲ SPECIAL ITEMS**

CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -
	FILE NAME = 2217typ.dgn	DRAWN - AJH	REVISED -
	PLOT SCALE = 10.1294 ' / IN.	CHECKED - NAK	REVISED -
	PLOT DATE = 1/19/2009	DATE - 01/15/2009	REVISED -

**LOGAN COUNTY  
CH 10, 600TH ST, 800TH AVE IMPROVEMENTS**

**STANDARDS, SUMMARY OF QUANTITIES, GENERAL NOTES**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	2
CH 10, TR 199A, TR 92			CONTRACT NO. 93482	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		