

ITEM NO.	ITEM	UNITS	TOTAL 1000-2A
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	845
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1139
20200100	EARTH EXCAVATION	CU YD	11508
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7986
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	7986
20800150	TRENCH BACKFILL	CU YD	7467
XY007551	GEOTEXTILE FABRIC, SPECIAL	SQ YD	33652
21101505	TOPSOIL, EXCAVATION AND PLACEMENT	CU YD	14684
25000210	SEEDING, CLASS 2A	ACRE	5.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	495
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	495
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	495
25002300	TEMPORARY SEEDING	ACRE	5.5
25100630	EROSION CONTROL BLANKET	SQ YD	26761
28000300	TEMPORARY DITCH CHECKS	EACH	42
28000400	PERIMETER EROSION BARRIER	FOOT	12336
28000500	INLET AND PIPE PROTECTION	EACH	50
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	672
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	9278
40600300	AGGREGATE (PRIME COAT)	TON	53
40600982	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	SQ YD	64
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N80	TON	11191
44000100	PAVEMENT REMOVAL	SQ YD	13968
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	761
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	153
44004250	PAVED SHOULDER REMOVAL	SQ YD	438
48101600	AGGREGATE SHOULDERS, TYPE B, 8"	SQ YD	1486
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	59
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	2786
54000900	BOX CULVERT END SECTION, SPECIAL	EACH	2
54010202	PRECAST CONCRETE BOX CULVERT 2' X 2'	FOOT	192
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	62
54200637	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL CULVERT PIPE, 12"	FOOT	125
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2
54215547	METAL END SECTIONS, 12"	EACH	8
54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	2
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	525
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	638
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	459
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	3424
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1098
60107700	PIPE UNDERDRAINS 6"	FOOT	148
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	39

ITEM NO.	ITEM	UNITS	TOTAL 1000-2A
60236200	INLETS, TYPE A, TYPE 6 GRATE	EACH	1
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	44
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	4
60605000	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	FOOT	6673
* 63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	100
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	2
66700095	PERMANENT SURVEY MARKERS	EACH	2
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	10
67100100	MOBILIZATION	L SUM	1
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LS	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2419
70300210	TEMPORARY PAVEMENT MARKING- LETTERS AND SYMBOLS	SQ FT	146
70300220	TEMPORARY PAVEMENT MARKING LINE 4"	FOOT	67972
70300240	TEMPORARY PAVEMENT MARKING LINE 6"	FOOT	580
70300260	TEMPORARY PAVEMENT MARKING LINE 12"	FOOT	1670
70300280	TEMPORARY PAVEMENT MARKING LINE 24"	FOOT	46
* 72000100	SIGN PANEL- TYPE 1	SQ FT	25
* 72900100	METAL POST- TYPE A	FOOT	40
* 78000100	THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	73
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	33986
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	290
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	835
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	23
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	368
* 78201000	TERMINAL MARKER- DIRECT APPLIED	EACH	2
78300105	PAVEMENT MARKING REMOVAL	FOOT	2640
X0300894	PIPE CULVERT REMOVAL 18"	FOOT	114
X0301865	PIPE CULVERT REMOVAL 24"	FOOT	71
X0326147	CONCRETE COLLAR, SPECIAL	EACH	1
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	51.4
X0448400	PIPE CULVERT REMOVAL 12"	FOOT	69
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	3
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1
X4066580	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	3566
X4066885	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80	TON	3439
Z0001050	AGGREGATE SUBGRADE, 12"	SQ YD	32319
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0076600	TRAINEES	HOUR	2000
XX003428	PIPE CULVERT REMOVAL 36"	FOOT	79
X0324685	TEST STRIP (STONE MATRIX ASPHALT)	EACH	2
A0600895	CONSTRUCTING TEST STRIP	EACH	1

* SPECIALTY ITEMS

DISTRICT ONE STANDARD DETAILS

- BD-02 DRIVEWAY DETAILS- DISTANCE BETWEEN ROW AND FACE OF CURB < 4.5 M (15')
- BD-03 OUTLET FOR CONCRETE CURB AND GUTTER
- BD-32 BUTT JOINT AND HMA TAPER DETAILS
- BD-34 STEEL PLATE BEAM GUARDRAIL ADJACENT TO CURB AND GUTTER AND STABILIZATION AT TBT TY. 1 SPECIAL
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-22 ARTERIAL ROAD INFORMATION SIGN

LIST OF STATE STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 542301-01 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 601001-02 SUB-SURFACE DRAINS
- 601101 CONCRETE HEADWALL FOR PIPE DRAIN
- 602301-01 INLET, TYPE A
- 602401-01 MANHOLE, TYPE A
- 604001-02 FRAME AND LIDS, TYPE 1
- 604036-01 GRATE TYPE 8
- 604091-01 FRAME AND GRATE, TYPE 24
- 606006-01 OUTLETS FIR CONC. CURB AND GUTTER B-6.24
- 630001-07 STEEL PLATE BEAM GUARDRAIL
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 667101 PERMANENT SURVEY MARKERS
- 701901 TRAFFIC CONTROL DEVICES
- 720001 SIGN PANEL MOUNTING DETAILS
- 720006-01 SIGN PANEL ERECTION DETAILS
- 729001 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS AND MARKERS)

EARTHWORK SCHEDULE

1	2	3	4	5	6
STA. TO STA.	EARTH EXCAVATION (CU. YD.)	EMBANKMENT (CU. YD.)	EARTH EX ADJUSTMENT FOR SHRINKAGE (CU. YD.)	EARTHWORK BALANCE (CU. YD.)	TOPSOIL, EXCAVATION AND PLACEMENT (CU. YD.)
191+59 TO 195+00	73.3	269.0	54.9	-214.1	350.7
195+00 TO 201+00	1176.5	489.5	882.4	392.8	1332.4
201+00 TO 207+00	1115.2	491.2	836.4	345.2	1250.7
207+00 TO 213+00	1288.7	320.7	966.5	645.8	1419.7
213+00 TO 219+00	956.3	360.0	717.2	357.2	1391.5
219+00 TO 225+00	678.2	708.7	508.7	-200.0	1377.5
225+00 TO 231+00	843.0	614.1	632.3	18.2	1385.8
231+00 TO 237+00	1067.6	761.7	800.7	39.0	1183.4
237+00 TO 243+00	2713.5	209.0	2035.1	1826.1	1365.2
243+00 TO 249+00	436.2	875.3	327.1	-548.2	1362.6
249+00 TO 255+00	487.1	498.5	365.3	-133.2	1335.8
255+00 TO 258+09	581.3	90.4	436.0	345.6	660.5
OLD CHICAGO RD.	91.0	0.0	68.3	68.3	268.0
TOTAL	11508	5688	8631	2874	14684

- 2. CUT QUANTITIES FROM CROSS SECTIONS
- 3. FILL QUANTITIES FROM CROSS SECTIONS
- 4. EARTH EXCAVATION * 75% = ADJ. FOR SHRINKAGE
- 5. ADJUSTMENT FOR SHRINKAGE - EMBANKMENT
- 6. TOPSOIL QUANTITIES FROM CROSS SECTIONS