

CONTRACT NO. 60C12

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	*	LAKE	19	2
STA. TO STA.		ILLINOIS FED. AID PROJECT		

* SY-1-T-1

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STATE STANDARDS

STD. NO. DESCRIPTION

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 442201-03 CLASS C AND D PATCHES
- 542301-01 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542311 GRATING FOR CONCRETE FLARED END SECTION (FOR 24" (600 MM) THRU 54" (1300 MM) PIPE)
- 602001 CATCH BASIN, TYPE A
- 602011 CATCH BASIN, TYPE C
- 602401-01 MANHOLE, TYPE A
- 602406-02 MANHOLE, TYPE A, 6' (1.8 m) DIAMETER
- 602411 MANHOLE, TYPE A, 7' (2.1 m) DIAMETER
- 602601-01 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-01 MANHOLE STEPS
- 604001-02 FRAME AND LIDS, TYPE 1
- 604091-01 FRAME AND GRATE, TYPE 24
- 606001-03 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 664001-01 CHAIN LINK FENCE
- 701001-01 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
- 701006-02 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701011-01 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701101-01 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701106-01 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
- 701422-01 LANE CLOSURE, MULTILANE, FOR SPEED >= 45 MPH TO 55 MPH
- 701901 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR "CUAN" (CHICAGO UTILITY ALERT NETWORK), 312-744-700 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
2. 10 FEET (3 METER) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
6. DURING CONSTRUCTION, AGGREGATE SURFACE COURSE TYPE B WILL ALSO BE USED TO PROVIDE TEMPORARY RAMPS AT INTERSECTIONS, BUILDING ENTRANCES, AND AS DETERMINED BY THE ENGINEER FOR PEDESTRIAN MOVEMENT.
7. ACCESS SHALL BE PROVIDED AT ALL TIMES TO PROPERTIES ABUTTING THE PROPOSED IMPROVEMENT.
8. FOR PAVEMENT MARKING, REFER TO DISTRICT ONE TYPICAL MARKINGS FOR DETAILS NOT SHOWN.
9. MATCH EXISTING PAVEMENT MARKINGS AT PROJECT LIMITS.
10. THE CONTRACTOR SHALL SAW CUT PAVEMENT PRIOR TO REMOVING PAVEMENT FOR PATCHING. THE COST FOR SAW CUTTING WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF CLASS D PATCHES OF TYPE SPECIFIED.
11. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISER AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
12. LOCATIONS OF ALL DRAINAGE STRUCTURES ARE MEASURED FROM CENTERLINE OF CONSTRUCTION TO THE CENTER OF FRAME FOR MANHOLES AND PARKWAY CATCH BASINS AND THE EDGE OF PAVEMENT FOR CATCH BASINS AND GUTTER INLETS WITHIN THE PROPOSED ROADWAY, UNLESS OTHERWISE NOTED.
13. RIM ELEVATIONS FOR CATCH BASINS AND GUTTER INLETS WITHIN THE PROPOSED ROADWAY ARE GIVEN AT THE EDGE OF PAVEMENT.
14. APPLICATION POINTS FOR INVERT ELEVATIONS, STATIONS AND OFFSETS FOR FLARED END SECTIONS ARE THE DOWNSTREAM ENDS OF FLARED END SECTIONS.
15. ALL STORM SEWER ABANDONED WITHIN ELA ROAD R.O.W. WILL BE BACKFILLED WITH CONTROLLED LOW-STRENGTH MATERIAL.
16. THE CONTRACTOR SHALL NOTIFY MELISSA DEL ROSARIO, ROADSIDE DEVELOPMENT UNIT, AT (847) 705-4391 A MINIMUM 72 HOURS PRIOR TO PLANTING TREES AND SHRUBS FOR LAYOUT.
17. THE RESIDENT ENGINEER SHALL CONTACT DEBBIE HANLON AREA TRAFFIC FIELD TECHNICIAN AT 847 438-2300 TWO WEEKS PRIOR TO INSTALLING FINAL PAVEMENT MARKINGS.

HOT MIX ASPHALT MIXTURE REQUIREMENTS			
OPERATION	MIXTURE TYPE	AC TYPE	AIR VOIDS
ROADWAY	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (1 3/4") (9.5mm)	SBS/SBR PG 70-22	4% @ 90 GYR
PATCHING	CLASS D PATCHES, TYPE II, 15" (HMA BINDER, IL-19 mm)	PG 64-22*	4% @ 70 GYR
	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER, IL-19 mm) (1 3/4")	PG 64-22*	4% @ 70 GYR
DRIVEWAY	HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER, IL-19 mm)	PG 64-22*	4% @ 50 GYR
	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (2") (9.5mm)	PG 64-22	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112/LB/SY/IN

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER SHALL BE PG 58-22

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAP 334 (US 12 / RAND ROAD) AT ELA ROAD
NAME	DATE	
		INDEX OF SHEETS, STATE STANDARDS, GENERAL NOTES AND HOT MIX ASPHALT MIXTURE REQUIREMENTS

SCALE: NA DRAWN BY: WS
DATE: 3/24/08 CHECKED BY: RJ5



GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS