

F.A. RTE.	SECTION	COUNTY	CONTRACT NO.
FAU 6579	02-00065-00-PV	PEORIA	89358
FED. RD. DIST. NO.	ILLINOIS	PROJECT NO. M 503 102	

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SHT. NO.	DESCRIPTION
72-83	DISTRICT 4 CADD STANDARDS:
406501-D4	URBAN SIDEROADS FOR '3R' PROJECTS
423101-DR	URBAN ENTRANCES ACCESSIBLE TO THE DISABLED FOR CURBLINE SIDEWALKS
423116-D4	URBAN ENTRANCES FOR CLOSELY SPACED ENTRANCES
424001-D4	SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED
440001-D4	BITUMINOUS SURFACE REMOVAL (COLD MILLING)
602001-D4	INLETS, TYPE G-1
602021-D4	INLET-MANHOLE, TYPE G-1
602101-D4	PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR INLET-MANHOLE, TYPE G-1 AND TYPE G-1, SPECIAL
604001-D4	FRAMES AND GRATES FOR TYPE G-1 AND TYPE G-1, SPECIAL DRAINAGE STRUCTURES
BLR 21	
BLR 22	

**LIST OF STANDARDS**

- 000001-#STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-04 CURB RAMPS FOR SIDEWALKS
- 542301 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602301#INLET, TYPE A
- 602401#MANHOLE, TYPE A
- 602601 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701#CAST IRON STEPS
- 604001#FRAME AND LIDS, TYPE 1
- 604036-01 GRATE, TYPE 8
- 606001-02 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701501-03 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801#LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 702001#TRAFFIC CONTROL DEVICES
- 720001 SIGN PANEL MOUNTING DETAILS
- 720006 SIGN PANEL ERECTION DETAILS
- 720011 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 729001 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
- 780001#TYPICAL PAVEMENT MARKINGS

- BLR 17-3 TRAFFIC CONTROL DEVICES
- BLR 21-6
- BLR 22-4

**COMMITMENTS**

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

**JOB SPECIFIC NOTES**

STAGE CONSTRUCTION OF STORM SEWER  
 PLUG NEW STORM SEWER PIPE TO PREVENT INFILTRATION OF FOREIGN MATERIAL UNTIL STORM SEWER CAN BE COMPLETED IN FOLLOWING STAGES, AS APPROVED BY THE ENGINEER.

1" COLD MILLING  
 COLD MILL 1" AT CENTERLINE, EDGE OF PAVEMENT MILLING DEPTH WILL VARY IN SOME AREAS TO GREATER THAN 2 INCHES.

24" GAS MAIN  
 NOTIFY AMEREN-CILCO 24 HOURS PRIOR TO ANY WORK WITHIN 15' OF THE 24" GAS MAIN ON LAFAYETTE AVENUE.

**GENERAL NOTES**

**UTILITIES - LOCATIONS/INFORMATION ON PLANS**

The locations of existing water mains, gas mains, sewers, 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 they are not guaranteed. Unless elevations are shown ---- all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

**TREE REMOVAL - UTILITY RELOCATION**

Tree removal may be necessary prior to utility companies being able to relocate their facilities outside the construction limits. The Contractor should coordinate any contract tree removal activities with the utility companies to eliminate conflicts and potential delays caused by utility tree removal activities or incomplete utility relocations.

**PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM**

All elevations shown on the plans are established from U.S.G.S. mean sea level datum.

**PROPERTY OWNER ACCESS REQUIREMENT**

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

**TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS**

Incidental bituminous surface shall be used for all temporary side road crossings. Aggregate surface course may be used for all driveway crossings except during winter shutdown in accordance with Article 107.09.

**WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS**

Prior to winter shutdown the following steps shall be taken:

- All cold milled surfaces shall be overlaid.
- All lanes shall be reopened to traffic.
- Manholes, where applicable, shall be adjusted to the elevation of the binder to ease in plowing snow, and readjusted to finished grade in the Spring. The initial manhole adjustment will be paid for at the contract unit price and any readjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
- Temporary or permanent pavement marking shall be placed as applicable.

**ENVIRONMENTAL REVIEWS**

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request)
- A location map showing the size limits and location of the use area
- Signed property owner agreement form
- Color photographs depicting the use area

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

**LABORATORY TESTING OF SUPERPAVE MIXES**

Some aggregate compositions produce inconsistent results when burned in the ignition oven. The Engineer will determine whether the ignition oven or AC nuclear gauge will be required after the aggregate sources have been identified.

**BITUMINOUS CONCRETE MIXTURE REQUIREMENTS**

Mixture Uses(s):	BINDER COURSE SUPERPAVE/BASE COURSE/PATCHING
RAP % (Max)**:	25%
AC/PG:	PG 64-22
Design Air Voids:	4.2% @ N = 50
Mixture Composition:	IL 19.0
(Gradation Mixture)	
Friction Aggregate	N/A

Mixture Uses(s):	POLYMERIZED SURFACE COURSE SUPERPAVE
RAP % (Max)**:	15%
AC/PG:	SBR OR SBS PG 70-22
Design Air Voids:	4.2% @ N = 50
Mixture Composition:	IL 9.5 OR 12.5
(Gradation Mixture)	
Friction Aggregate	MIXTURE D

Mixture Uses(s):	BITUMINOUS CONCRETE LEVEL BINDER
RAP % (Max)**:	25%
AC/PG:	PG 64-22
Design Air Voids:	4.2% @ N = 50
Mixture Composition:	IL 9.5 OR IL 12.5
(Gradation Mixture)	
Friction Aggregate	N/A

\*\*If the RAP option is selected, the asphalt cement grade may need to be adjusted; this will be determined by the Engineer.

**PAVING SURFACE COURSE, CONTINUOUS**

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the bituminous surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

**REFLECTIVE CRACK CONTROL TREATMENT**

Reflective crack control treatment shall be placed on the binder course.

**ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS**

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

**EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES**

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

**TAPER REMOVAL @ FRAME & GRATES ADJUSTED BY OTHERS**

At locations where frames and grates have previously been adjusted by others and they are surrounded by bituminous tapers, the Contractor for this contract shall remove and dispose of the bituminous taper material prior to the placement of the bituminous surface course. This work will not be paid for separately, but will be considered as included in the cost of the BITUMINOUS SURFACE COURSE.

**SIGNING**

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

**ITEMS NOT MARKED FOR REMOVAL**

Items within temporary easements that are not marked for removal or relocation are to be left undisturbed.

**AGGREGATE FOR DRIVEWAY REPLACEMENT**

The material used for construction of permanent aggregate driveways shall be gravel or crushed stone, as directed by the engineer, to replace in kind the existing aggregate driveways.

No additional compensation shall be provided for this requirement but shall be considered as included in the cost of the pay item for the aggregate as specified on the plans.

**DRIVEWAYS**

Private and commercial driveways shall be replaced with 6" P.C. Concrete to the back of sidewalk. Replacement beyond the back of sidewalk shall match the existing surface as follows:

Bituminous Driveways	Concrete Driveways	Aggregate Driveways
2" Incidental Bituminous Surfacing	6" P.C. Concrete	6" Aggregate Surface Course, Ty. B
6" Aggregate Base Course, Ty. B		

Driveways shall be removed and replaced to the limits shown on the plans

**MAILBOXES**

Temporary mailboxes shall be set at locations approved by the Bartonville Postmaster. Temporary mailboxes shall be established at the time the permanent mailboxes are removed. The material and orientation of the temporary mailboxes shall be approved by the Bartonville Postmaster.

Permanent mailboxes shall be set at locations approved by the Bartonville Postmaster. Permanent installation of the mailboxes shall be done by mounting the existing mailbox on a new 4" by 4" wooden post extending 24" below the surface. Mailboxes within the limit of proposed sidewalk may be "boxed out" using construction joints as shown on the mailbox detail in the plans. This work shall be included in the contract unit price for the EARTH EXCAVATION. There are an estimated 55 mailboxes to be relocated. Generally, permanent mailboxes shall be located on the approach side of driveway entrances but the permanent location shall be approved by the Bartonville Postmaster.

No additional payment will be made for temporary mailboxes or relocation of mailboxes.

**PROPERTY CORNERS**

The Contractor shall be responsible for protecting existing property corners. Known property corners are shown on the right of way strip map sheets. The Contractor shall reset property corners at his/her own expense that are damaged or obliterated during construction.

**SEWER CONNECTIONS**

The cost of making sewer connections to existing drainage structures shall be included in various contract units prices for STORM SEWER.

**VALVE BOXES**

Valve Boxes shall be adjusted to the final grade as shown on the plans. The cost of adjusting Valve Boxes shall not be paid for separately but shall be included in the contract unit price for the various items of work.

**STORM SEWER CONNECTIONS**

Per IEPA regulations, rubber gasket storm sewer is required where the storm sewer crosses over the water main. Water main requirement storm sewer is required where storm sewer is parallel and within 10' of water main pipe.

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 BARTONVILLE IL.**

**INDEX OF SHEETS,  
 COMMITMENTS,  
 LIST OF STANDARDS  
 AND GENERAL NOTES**

SURVEY	CHECKED	ISSUE DATE
DESIGN	APPROVED	01/06/06
DRAWN	CSA	PRELIM. DATE
		11/21/05
		PROJECT NO.
		BART0001