| F.A.P.<br>RTE. | SECTION       | COUNTY        | TOTAL    |     |
|----------------|---------------|---------------|----------|-----|
| 303            | 134(B&B-2)R-1 | LAKE          | 137      | 3   |
| STA.           |               | TO STA.       |          |     |
| FED. RO        | AD DIST. NO.  | ILLINOIS FED. | AID PROJ | ECT |

CONTRACT NO. 62037

## SENERAL NOTES

- 1. 3 METER (10 FEET) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- 2. WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- 3. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
- 4. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINUMUM OF FOUR SANDBAGS PER BARRICADE.
- THE REMOVAL OF EXISTING ENTRANCE CULVERTS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
- THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 2.0 L/M<sup>2</sup> (0.44 GAL/YD<sup>2</sup>).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE TOWNSHIP OF ANTIOCH, USGS. AND FOX WATERWAY AGENCY.
- 9. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 10. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 40mm (11/2 INCHES) WHERE SPEED LIMIT IS 80km/h (45mph) OR LESS AND 25mm (1 INCH) WHERE THE SPEED LIMIT IS GREATER THAN 80km/h (45mph). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 75mm (3 INCHES) MAY BE ALLOWED IF THE EDGE OF MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- 11. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 12. TWO WEEKS PRIOR TO PERMANENT PAVEMENT MARKING PLACEMENT, CONTACT AREA TRAFFIC FIELD ENGINEER, MS. DEBBIE HANLON AT (847) 438-2300.
- 13. ELEVATIONS SHOWN ON THE PLANS ARE BASED ON I.D.O.T. DATUM. (USGS MEAN SEA LEVEL DATUM).
- 14. ALL SAWCUTS SHALL BE INCLUDED IN THE COST OF APPROACH SLAB REMOVAL.
- 15. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- 16. ANY INSTREAM WORK MUST BE APPROVED BY THE ARMY CORPS OF ENGINEERS IN WRITING BEFORE THAT WORK CAN BE STARTED.
- 17. EAST AND WEST BOAT CHANNELS HAVE HIGH VOLTAGE OVERHEAD WIRES LOCATED ADJACENT TO THE WORK AREA. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION AROUND ALL OVERHEAD WIRES TO AVOID DAMAGES. SPECIAL CARE TO BE TAKEN WITH EQUIPMENT SUCH AS CRANES, EXCAVATORS, ETC.
- 18. THE CONTRACTOR SHALL PREPARE IN-STREAM WORK PLANS (ALL COFFERDAMS, WORK PADS, AND EROSION AND SEDIMENT CONTROL, ETC.)
  AND SUBMIT TO THE ENGINEER AND THE U.S. ARMY CORP OF ENGINEERS FOR REVIEW AND APPROVAL. THE CONTRACTOR SHOULD EXPECT TO
  HAVE TO ATTEND MEETINGS AT THE USACOE OFFICE TO DISCUSS THEIR WORK PLAN IN ORDER TO SECURE THEIR PERMIT. THE COST OF
  ALL IN-STREAM WORK ITEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF
  THE CONTRACT. AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

## COMMITMENTS

BASED UPON A FIELD CHECK CONDUCTED ON SEPTEMBER 21, 1999 AND JULY 2, 2001, THIS PROJECT QUALIFIES FOR A DISTRICT SIGN-OFF WITH REGARDS TO SPECIAL WASTE. IF THE SCOPE OF THE WORK CHANGES OR IF ADDITIONAL ROW/TEMPORARY EASEMENTS ARE REQUIRED, CONTACT THE ENVIRONMENTAL STUDIES UNIT AT (847) 705-4101 TO DISCUSS ANY POTENTIAL IMPACTS.

PER THE FOX WATERWAY AGENCY, A NAVIGABLE CHANNEL AT BOTH S.N. 049-0055 AND S.N. 049-0056 MUST BE MAINTAINED IN THE CONSTRUCTION AREA AT ALL POSSIBLE TIMES. FOR THE SAFETY AND CONSIDERATION OF BOATERS, SUFFICIENT WARNING BUOYS AND SIGNS MUST BE INSTALLED AND MAINTAINED AT ALL TIMES AS PART OF THE CONSTRUCTION PROJECT. FOX WATERWAY AGENCY WILL RENT THE CONTRACTOR THE WARNING BUOYS AND SIGNS. PLACEMENT OF BUOYS IS DEPENDENT ON THE CONTRACTOR'S CONSTRUCTION STAGING. FOX WATERWAY AGENCY WILL ADVISE THE CONTRACTOR OF APPROPRIATE BUOY NUMBER AND PLACEMENT. CONTRACTOR SHALL PICKUP, PLACE, MAINTAIN AND PRESERVE AND REMOVE AND RETURN THE BUOYS. MAINTENANCE WILL INCLUDE MAINTAINING PROPER BUOY PLACEMENT DUE TO DRIFT TENDENCIES DURING HIGH WATER. FOX WATERWAY AGENCY WILL DETERMINE IF BUOYS NEED TO BE LIGHTED. ANY AND/OR ALL DEBRIS OF ANY SORT RESULTING FROM CONSTRUCTION ACTIVITIES MUST BE REMOVED FROM THE CHANNEL AND CHANNEL BOTTOM, IN NO WAY RESTRICTING NAVIGATION OR IMPACTING ON THE SAFETY OF BOATERS PASSING UNDER THE CONSTRUCTION AREA. CONTACT ROB RINKENBERGER OF THE FOX WATERWAY AGENCY AT (847) 344-4147 FOR BUOY INFORMATION. FOX WATERWAY AGENCY OFFICE IS LOCATED AT 45 SOUTH PISTAKEE LAKE ROAD IN FOX LAKE, IL. THE FOX WATERWAY AGENCY WILL BE INFORMED OF THE LOGISTICS OF THE CONSTRUCTION OF THE PROJECT THROUGHOUT CONSTRUCTION. COST TO COMPLY IS CONSIDERED TO BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION (SPECIAL) PAY ITEM.

AT LEAST SIX WEEKS ADVANCE NOTICE SHALL BE GIVEN TO MR. TOM WICKER OF THE USGS AT (815)-756-9207 PRIOR TO CONCRETE PARAPET REMOVAL ON THE SOUTH SIDE OF S.N. 049-0055 (USGS STATION 05547000 CHANNEL LAKE NEAR ANTIOCH, IL). A TEMPORARY WIRE-WEIGHT GAGE WILL BE INSTALLED AND THE EXISTING WIRE-WEIGHT GAGE THAT IS MOUNTED TO THE CONCRETE PARAPET WILL BE REMOVED BY THE USGS. AT LEAST SIX WEEKS ADVANCE NOTICE WILL BE GIVEN TO MR. WICKER PRIOR TO COMPLETION OF THE BRIDGE FOR THE REINSTALLATION OF THE PERMANENT WIRE-WEIGHT GAGE

IT HAS BEEN VERIFIED WITH THE USGS THAT THE STAFF GAGES ON THE SOUTHEAST AND SOUTHWEST WINGWALLS OF S.N. 049-0056 (USGS STATION 05546900 CHANNEL LAKE EAST OUTLET AT ROUTE 173 NEAR ANTIOCH, IL) ARE NO LONGER USED 3Y USGS. THE STAFF GAGES WILL BE REMOVED AND DISCARDED AS A PART OF THE BRIDGE REMOVAL BY THE CONTRACTOR. COST INCLUDED IN REMOVAL OF EXISTING STRUCTURES PAY ITEM.

REGARDING S.N. 049-0056, THE CONTRACTOR SHALL AVOID WETLANDS THAT ARE IN CLOSE PROXIMITY TO THE PROJECT AREA. THE EXISTING WETLAND BOUNDARY CLOSE TO THE PROJECT SHALL BE FENCED USING TEMPORARY FENCE FOR PROTECTION. TEMPORARY FENCE WILL BE PAID FOR AS TEMPORARY FENCE.

THE CONTRACTOR SHALL AVOID ANY IMPACTS TO THE BLACKCHIN SHINERS THAT MAY BE NEAR THE SHALLOW UNDISTURBED REGIONS OF THE CHANNELS IN THE PROJECT AREA. THE CHANNEL LAKE INAI SITE BOUNDARY IS ADJACENT TO THE PROJECT LOCATION AND THE 1999 OCCURRENCE OF THE STATE ENDANGERED BLACKNOSE SHINER IS APPROXIMATELY 1.25 MILES FROM THE PROJECT AREA. THE CONTRACTOR SHALL FOLLOW THE PROPOSED EROSION AND SEDIMENTATION CONTROL PLAN, WHICH INCLUDES MEASURES TO AVOID IMPACTS TO THE INAI SITE AND THE BLACKNOSE SHINER.

REVISIONS
NAME DATE

IL ROUTE 173 OVER WEST AND EAST
BOAT CHANNELS

INDEX OF SHEETS, HIGHWAY STANDARDS,
GENERAL NOTES & COMMITMENTS

SCALE: NTS
DRAWN BY CLG
DATE 3-8-10 CHECKED BY JJD