F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2004-07ORS	COOK	60	3
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

62809

GENERAL NOTES:

ROADWAY:

1. UTILITY LOCATIONS SHOWN ON THESE PLANS MAY NOT BE CORRECT OR COMPLETE. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE RESPECTIVE UTILITIES OF THE CITY OF CHICAGO. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "CUAN" (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED). CONTACT THE DEPARTMENT OF WATER MANAGEMENT PERMIT SECTION AT (312) 747-7893 FOR WATER AND SEWER LOCATIONS.

2. 10 FOOT TRANSITION LENGTHS 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 WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

4. 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.

5. USE NO. 6 EPOXY-COATED TIE BARS CONFORMING TO ARTICLE 1006.10(B)(2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT AS SHOWN ON IDOT STANDARD 420001 AND FOR TIEING THE CURB AND GUTTER SECTIONS TO THE CONCRETE PAVEMENT AS SHOWN ON THE PLANS. THE TIE BARS WILL NOT BE PAID FOR SEPARATELY. TIE BARS USED FOR LONGITUDINAL CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE COST OF PCC PAVEMENT, 10" (JOINTED). TJE BARS USED WITH CURB AND GUTTER SHALL BE INCLUDED IN THE COST OF COMBINATION CURB & GUTTER, TYPE B-6.12 (MODIFIED) AND COMBINATION CURB AND GUTTER, TYPE B-V.12.

6. USE 1½ INCHES EPOXY-COATED DOWEL BARS CONFORMING TO ARTICLE 1006.11 OF THE STANDARD SPECIFICATIONS FOR TRANSVERSE CONTRACTION JOINTS AS SHOWN ON IDOT STANDARD 420001. DOWEL BARS WILL NOT BE PAID FOR SEPARATELY. DOWEL BARS USED FOR TRANSVERSE CONTRACTION JOINTS SHALL BE INCLUDED IN THE COST OF PCC PAVEMENT, 10" (JOINTED). THE SPACING OF THE TRANSVERSE CONTRACTION JOINTS SHALL BE AT 15 FEET INTERVALS. DOWEL BARS SHALL BE INSTALLED AT 12 INCHES CENTER TO CENTER.

7. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 3:1 (H:V).

8. THE ABBREVATIONS "C" AND "G" DENOTE THE TOP OF CURB AND GUTTER FLOW LINE ON THE EXISTING AND PROPOSED ROADWAY PLANS.

9. THE VARIATION IN WIDTH OF THE COMBINATION CURB AND GUTTER TYPE B-6.12 (MOD) AT THE RETAINING WALL AS SHOWN IN THE CARRIAGE WALK DETAIL (AREA < 12") SHALL BE INCLUDED IN THE COST FOR COMBINATION CURB AND GUTTER TYPE B-6.12 (MOD).

10. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.

11. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS. THE ENGINEER OR AND AUTHORIZED SURVEYOR AGENT WILL WITNESS OR OTHERWISE REFERENCE AND RESET MONUMENTS AS NECESSARY. ALL PROPERTY CORNERS EXCEPT THOSE WITHIN AREAS WHERE THE SCHEDULE, IF PROVIDED, SHOWS PLACEMENT OF R.O.W. MARKERS SHALL REMAIN UNDISTURBED.

12. ALL ELEVATIONS SHOWN ARE BASED ON THE CHICAGO CITY DATUM. THE CONVERSION EQUATION FROM CCD TO NAVD 88 IS: NAVD 88 ELEVATION = CCD + 579.19.

13. THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH:
    CONTRACT 62586 - RETAINING WALLS, FRONTAGE ROAD, AND RAMPS (59TH ST TO 47TH ST)
    CONTRACT 62691 - WATERMAIN CROSSINGS
    CONTRACT 62796 - SIDEWALKS AND DRIVEWAYS (WENTWORTH AVE - 59TH ST TO 47TH ST)
    CONTRACT 62798 - FRONTAGE ROAD SIGNING (WELLS AND WENTWORTH - 59TH ST TO 47TH ST)
    CONTRACT 62799 - FRONTAGE ROAD PAVEMENT MARKING (WELLS AND WENTWORTH - 59TH ST TO 47TH ST)
    CONTRACT 62803 - TRAFFIC SIGNALS (WELLS AND WENTWORTH AT 51ST ST)
    CONTRACT 62805 - SEWER TELEVISING (WELLS AND WENTWORTH - 59TH ST TO 47TH ST)
    CONTRACT 62807 - CONDUIT AND LIGHT POLE FOUNDATIONS (WENTWORTH AVE - 59TH ST TO 47TH ST)
    CONTRACT 62812 - SEWER AND PAVING (WELLS AND WENTWORTH AT 51ST ST)

14. THE CONTRACTOR SHALL PREPARE THE SUBGRADE TO THE LINES AND GRADES AS SHOWN IN THE PLANS INCLUDING AREAS BEHIND THE BACK OF THE PROPOSED CURB AND GUTTER. THE CONTRACTOR SHALL COORDINATE WITH CONTRACT 62796 SO THE SUBGRADE IS AT CORRECT LINE AND GRADE BEFORE PLACEMENT OF PROPOSED PCC SIDEWALK AND DRIVEWAYS.

15. ADDITIONAL QUANTITY OF TEMPORARY SIGNING HAS BEEN PROVIDED TO BE USED AS DETERMINED AND AS DIRECTED BY THE ENGINEER TO INDICATE TEMPORARY ACCESS FOR BUSINESSES.

ROADWAY (CONTINUATION):

16. THIS CONTRACT DOES NOT INCLUDE QUANTITY FOR THE PAY ITEM "SOIL STABILIZERS". IT HAS BEEN DETERMINED THAT THE PAY ITEM IS NOT NEEDED FOR THE WORK ASSOCIATED WITH THIS CONTRACT. IF THE ENGINEER DETERMINES THAT THIS WORK IS NECESSARY, PAYMENT SHALL BE MADE IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

DRAINAGE AND UTILITIES:

1. PRIOR AUTHORIZATION IS REQUIRED TO MAKE ANY STRUCTURAL MODIFICATIONS, INCLUDING MANHOLE FRAME AND LID ADJUSTMENTS TO ALL METROPOLITAN WATER RECLAMATION DISTRICT (MWRD) STRUCTURES. (AUTHORIZATION MAY BE OBTAINED BY CONTACTING MR. THOMAS K. O'CONNOR CHIEF OF MAINTENANCE AND OPERATIONS DEPARTMENT, AT 312-751-5101.)

2. ALL EXISTING LATERAL SEWERS WITHIN THE CONTRACT LIMITS, THAT ARE TO REMAIN IN PLACE, SHALL BE CLEANED OF SILT OR ANY OTHER DEBRIS. THIS WORK WILL BE PAID FOR AS STORM SEWERS TO BE CLEANED. ALL PROPOSED AND EXISTING COMBINED COLLECTOR SEWERS WILL BE CLEANED BY OTHERS.

3. ALL PROPOSED LATERAL STORM SEWERS SHALL BE INSTALLED AT A MINIMUM OF 1% SLOPE UNLESS OTHERWISE INDICATED. CONNECTIONS TO EXISTING SEWERS OR STRUCTURES WILL BE INCLUDED IN THE COST OF STORM SEWERS PAY ITEM.

4. ALL STORM SEWER CONNECTIONS WITH PIPES 21 INCHES DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 21 INCHES DIAMETER, PRECAST "TEE" AND "WYE" PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWERS. OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. FOR EXISTING SEWERS LARGER THAN 21 INCHES, CONNECTIONS SHALL BE CORE DRILLED.

5. ALL HOUSE DRAINS SHALL BE RECONNECTED INTO ANY RELOCATED COMBINED SEWERS. THE RECONNECTION AND REMOVAL OF EXISTING HOUSE DRAINS SHALL BE INCLUDED IN THE COMBINED SEWER WORK.

6. ALL SEWER PLUGS WILL BE INCLUDED IN THE STORM OR COMBINED SEWER PAY ITEMS.

7. ALL CATCH BASINS IN THE CITY OF CHICAGO MUST MEET THE DEPARTMENT OF WATER MANAGEMENT STANDARDS.

8. SEWER SIZES 21" DIAMETER OR SMALLER MUST BE EXTRA STRENGTH VITRIFIED CLAY PIPE C-700 OR DUCTILE IRON PIPE WITH PUSH-ON OR MECHANICAL JOINTS. SEWER SIZES 24" DIAMETER OR LARGER MUST BE REINFORCED CONCRETE PIPE TYPE C-76, CLASS III, WALL "B" WITH "O-RING" JOINTS.

9. A PERMIT FROM THE DEPARTMENT OF WATER MANAGEMENT IS REQUIRED IN ADVANCE FOR ANY UNDERGROUND SEWER WORK INCLUDING ADJUSTMENT OF STRUCTURES, REMOVAL/REPLACEMENT OF FRAMES AND LIDS, TELEVISION SURVEYS, CLEANING, LINING, AND INSPECTIONS. THE DEPARTMENT OF WATER MANAGEMENT PERMIT MUST BE OBTAINED BY A LICENSED SEWER DRAIN LAYER PRIOR TO START OF CONSTRUCTION. THE LICENSED SEWER CONTRACTOR/SUBCONTRACTOR MUST SUBMIT TWO SETS OF PLANS APPROVED BY THE DEPARTMENT OF WATER MANAGEMENT FOR THE ISSUE OF THE SEWER PERMIT TO 1000 EAST OHIO STREET, JARDINE WATER PURIFICATION PLANT, CHICAGO, IL 60611. INSPECTION WILL BE PROVIDED BY THE DEPARTMENT OF WATER MANAGEMENT.

10. IF THE SEWER PIPE COVER IS REDUCED TO LESS THAN 3 FEET, REPLACEMENT OF THE SEWER WITH CLASS 52 DUCTILE IRON PIPE WILL BE REQUIRED. THIS WORK WILL BE PAID FOR AS COMBINED SEWERS OR STORM SEWERS (WATER MAIN REQUIREMENTS) FOR THE DIAMETER SPECIFIED.

11. IN CASE OF DAMAGE TO CITY OF CHICAGO SEWERS, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/OR BENCH MONUMENTS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DEPARTMENT OF WATER MANAGEMENT AT 312-747-7000.

12. BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE IMPROVEMENT CAN BE OBTAINED FROM THE DEPARTMENT OF WATER MANAGEMENT AT 1000 EAST OHIO, JARDINE WATER PURIFICATION PLANT, CHICAGO, IL 60611.

13. THE RESIDENT ENGINEER AND THE CONTRACTOR SHALL FIELD-VERIFY THE CITY'S EXISTING SEWER FACILITIES INCLUDING PUBLIC AND PRIVATE DRAIN CONNECTIONS IN THE LIMITS OF THE SUBJECT PROJECT FOR ANY CONFLICTS DUE TO THE PROPOSED IMPROVEMENTS. ANY CONFLICTS SHOULD BE RESOLVED WITH THE DEPARTMENT OF WATER MANAGEMENT PRIOR TO THE START OF CONSTRUCTION.

14. IN LOCATIONS WHERE THE MAIN SEWERS, DRAINAGE STRUCTURES, PUBLIC, AND PRIVATE DRAIN CONNECTIONS ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER OWN EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF WATER MANAGEMENT. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.

15. EXTREME CAUTION IS TO BE TAKEN TO ENSURE THAT NO FACILITY OWNED AND MAINTAINED BY THE DEPARTMENT OF WATER MANAGEMENT IS DAMAGED DURING CONSTRUCTION. IF ANY DAMAGE OCCURS TO ANY FACILITIES, THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE COST OF REPAIRING OR REPLACING THEM.

LANDSCAPING:

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

2. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

PROJECT COMMITMENTS:

1. IDOT WILL CONTINUE TO COORDINATE WITH THE CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION (CDOT) AND THE CHICAGO TRANSPORTATION AUTHORITY (CTA) USING THE "DAN RYAN EXPRESSWAY LANDSCAPE GUIDELINES", PREPARED BY CDOT AS GUIDELINES THROUGHOUT PHASE II OF THE PROJECT (PREPARATION OF CONTRACT PLANS) ON THE AESTHETICS AND LANDSCAPING TREATMENTS.

2. THE ILLINOIS STATE GEOLOGICAL SURVEY (ISGS) CONDUCTED A PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT (PESA) IN WHICH THEY ASSESSED A HIGH RISK FOR THE OCCURRENCE OF HAZARDOUS MATERIALS. A SPECIAL WASTE WAVER HAS BEEN APPROVED WHICH ALLOWS DESIGN APPROVAL TO BE GRANTED PRIOR TO THE COMPLETION OF SPECIAL WASTE STUDIES. THERE ARE STILL OUTSTANDING SPECIAL WASTE ISSUES THAT MUST BE ADDRESSED. THE ENVIRONMENTAL STUDIES UNIT SHOULD BE CONTACTED AT (847) 705-4101 TO DISCUSS THESE ISSUES. TO DETERMINE THE IMPLICATIONS OF FUTURE DESIGN CHANGES, PLEASE REFER TO THE PESA REVIEW COVER MEMOS FOR ISGS #1106A, AS DEPICTED IN EXHIBIT 7 - SPECIAL WASTE WAIVER IN THE CLASS OF ACTION DETERMINATION (ECAD).

CTE ENGINEERS
CONSOER TOWNSEND ENVIRODYNE ENGINEERS, INC.
303 EAST WACKER DRIVE, SUITE 600
CHICAGO, ILLINOIS 60601-5212, PHONE: (312) 938-0300

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
53rd ST TO 51st ST (WENTWORTH AVENUE)

GENERAL NOTES AND PROJECT COMMITMENTS

SCALE: NONE
DRAWN BY: AMM
DATE: DECEMBER 17, 2004
CHECKED BY: JAL

12/15/2004 10:04:17 PM

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