## **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 LIFMS 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. ON STATE STANDARDS 482001 AND 483001, SUBBASE GRANULAR MATERIAL, TYPE B, 24" SHALL BE USED AS THE IMPROVED SUBGRADE. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST PER SO YARD OF "SUB-BASE GRANULAR MATERIAL, TYPE B, 24"".
- 6. 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 TYING THE CURB AND GUITTER SECTIONS TO THE FRONTAGE ROAD 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). TIE BARS USED WITH CURB AND GUITTER SHALL BE INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUITTER OF THE TYPE SPECIFIED.
- 7. USE 1-1/2" EPOXY-COATED DOWEL BARS CONFORMING TO ARTICLE 1006.11 OF THE STANDARD SPECIFICATIONS FOR TRANSVERSE CONTRACTION JOINTS AS SHOWN ON 1DOT 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' INTERVALS. DOWEL BARS SHALL BE INSTALLED AT 12" CENTER TO CENTER.
- 8. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 11/2 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 31 (H-V)
- 9. FOR TEMPORARY PAVEMENT (INTERSTATE), THE CONTRACTOR SHALL USE EITHER 12" PLAIN PCC PAVEMENT OR 14" BITUMINOUS PAVEMENT CONSISTING OF 1¾" POLYMERIZED BITUMINOUS CONCRETE SUFFACE COURSE, SUPERPAVE, MIX "F", NIOS AND 12½", POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19, NIOS. HOWEVER, WHEN THE WORK SCHEDULE PRECLUDES CURING TIME, ONLY BITUMINOUS SHOULD BE USED. WHEN THE WORK IS ANTICIPATED TO BE PREFORMED DURING WINTER MONTHS, CONCRETE SHALL BE USED. BOTH THE PCC AND BITUMINOUS PAVEMENT SHALL BE PAID FOR AS TEMPORARY PAVEMENT (INTERSTATE).
- 10. THE REMOVAL OF CONCRETE ALLEY RETURNS SHALL BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL.
- 11. THE ABBREVIATIONS "C" AND "G" DENOTE THE TOP OF CURB AND GUTTER FLOW LINE ON THE EXISTING AND PROPOSED ROADWAY PLANS.
- 12. FENCE REMOVAL SHALL BE CONSIDERED AS PART OF CLEARING.
- 13. THE VARIATION IN WIDTH OF THE COMBINATION CONCRETE CURB AND GUTTER AS SHOWN ON THE PLANS SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.
- 14. COMBINATION CURB AND GUTTER REMOVAL WILL BE MEASURED PER LINEAL FOOT, THE REMOVAL OF THE EXISTING BITUMINOUS OVERLAY OF THE GUTTER WILL NOT BE MEASURED FOR PAYMENT BUT IS INCLUDED IN THE CONTRACT UNIT PRICE FOR COMBINATION CURB AND GUTTER REMOVAL.
- 15. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT NO GAP REMAINS BETWEEN PROPOSED FENCING OR WHERE PROPOSED FENCING TERMINATES AND EXISTING FENCE REMAINS IN PLACE.
- 16. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- 17. 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.
- 18. 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.



- 19. THE QUANTITY FOR BITUMINOUS MATERIALS (PRIME COAT) WAS DETERMINED USING AN APPLICATION RATE OF 0.0004 TONS/SQ YD.
- 20. SUPERSTRUCTURE RATING COARSE AGGREGATE SHALL BE USED IN THE CONCRETE BARRIER WALL CONCRETE MIXTURE.
- 21. THE CONTRACTOR SHALL PROTECT THE EARTH IN FRONT OF EXISTING AND PROPOSED RETAINING WALLS DURING CONSTRUCTION OF THE LIGHT TOWER FOUNDATIONS AND SERVICE PADS. FOR LIGHT TOWER FOUNDATIONS IN FRONT OF THE NEW RETAINING WALLS, THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF THE RETAINING WALLS, LIGHT TOWER FOUNDATIONS AND SERVICE PADS TO OCCUR CONCURRENTLY. IF THE CONTRACTOR DOES NOT PERFORM THE WORK CONCURRENTLY HE SHALL PROVIDE A TEMPORARY SOIL RETENTION SYSTEM TO PROTECT THE RETAINING WALL FROM BEING UNDERMINED DURING LIGHT TOWER CONSTRUCTION WORK WHICH SHALL BE INCLUDED IN THE COST OF THE LIGHT TOWER FOUNDATION WORK.
- 22. STAGE 1 OF THE TRAFFIC CONTROL PLAN CAN NOT BEGIN UNTIL THE GARFIELD BOULEVARD (55TH STREET) RAMPS ARE OPEN FOR TRAFFIC IN CONTRACT NUMBER 62586. THE DATES THE RAMPS ARE TO BE OPENED IN CONTRACT 62586 ARE MAY 2, 2005 (WELLS STREET) AND JUNE 1, 2005 (WENTWORTH AVENUE)
- 23. THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH:

CONTRACT 62583 - LIGHTING AND SURVEILLANCE

CONTRACT 62586 - ROADWAY AND RETAINING WALL IMPROVEMENTS (59TH ST TO 47TH ST)

CONTRACT 62813 - SEWER AND PAVING (WELLS ST 59TH ST TO 57TH ST)

CONTRACT 62814 - SEWER AND PAVING (WENTWORTH AVE 59TH ST TO 57TH ST)

CONTRACT 62835 - SIDEWALKS AND DRIVEWAYS

CONTRACT 62837 - FRONTAGE ROAD PAVEMENT MARKING

CONTRACT 62838 - TREE REMOVAL

CONTRACT 62839 - 59th ST TRAFFIC SIGNALS CONTRACT 62840 - 63rd ST TRAFFIC SIGNALS

CONTRACT 62841 - SEWER TELEVISING CONTRACT 62842 - CITY OF CHICAGO LIGHTING

- 24. THE PROPOSED HIGH MAST LIGHT TOWERS MUST BE INSTALLED AND OPERATIONAL BEFORE RAMPS AT 59TH ST AND 63RD ST CAN BE OPENED TO TRAFFIC. THE CONTRACTOR SHALL CLOSELY COORDINATE THE SCHEDULE AND TIMING OF THE INSTALLATION OF THE CONDUIT RUNS AND THE HIGH MAST LIGHT TOWERS WITH CONTRACT 62583.
- 25. THE CONTRACTOR SHALL PERFORM ALL EARTHWORK TO THE PROPOSED SUB-BASE DEPTH AT DRIVEWAYS, ALLEYS AND SIDEWALKS.

DRAINAGE AND UTILITIES:

- 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. EXISTING LATERAL SEWERS WITHIN THE DAN RYAN PROJECT LIMITS (FRONTAGE ROAD AND MAINLINE) 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. FRONTAGE ROAD 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 WITH THE STORM SEWERS PAY ITEM. FRONTAGE ROAD STORM SEWER LATERALS WILL VARY BASED ON EXISTING COLLECTOR SEWER INVERTS AND EXISTING UTILITY CONFLICTS.
- 4. ALL SEWERS TO BE ABANDONED SHALL BE FILLED WITH GROUT SLURRY AND PLUGGED AT THE UPSTREAM END.
- 5. FOR IDOT ITEMS, THE CONTRACTOR SHALL USE TYPE A CATCH BASINS WITH FLAT SLAB TOP WHEREVER NECESSARY TO AVOID CONFLICTS WITH EXISTING UTILITIES.
- 6. PIPE UNDERDRAIN 6" (SPECIAL) SHALL BE USED FOR ALL PROPOSED UNDERDRAIN CONNECTIONS INTO EXISTING/PROPOSED DRAINAGE STRUCTURES.
- FOR CDOT ITEMS, ALL SEWER CONNECTIONS WITH PIPES 21 INCHES DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS FOR PROPOSED SEWER WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR THE SEWERS. FOR PROPOSED SEWER PIPES LARGER THAN 21 INCHES DIAMETER, 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.
- 8. ALL HOUSE DRAINS SHALL BE RECONNECTED INTO THE RELOCATED COMBINED SEWERS. THE RECONNECTION AND REMOVAL OF EXISTING HOUSE DRAINS SHALL BE INCLUDED IN THE COST OF THE COMBINED SEWER WORK.
- 9. ALL SEWER PLUGS WILL BE INCLUDED IN THE COST OF THE GROUT SLURRY, OR STORM OR COMBINED SEWER PAY ITEMS.
- 10. STORM SEWER LENGTHS AND GRADES ARE CALCULATED FROM CENTER TO CENTER OF DRAINAGE STRUCTURES.
- 11. TOP OF FRAME ELEVATIONS ON DRAINAGE STRUCTURES SHALL BE MODIFIED TO MEET FINISHED CURB AND GUTTER FLOWLINE ELEVATIONS.
- 12. GRATES SHALL BE INSTALLED WITH THE VANES ORIENTED AS DIRECTED BY THE RESIDENT ENGINEER.
- 13. THE INVERT ELEVATIONS OF UNDERDRAIN CONNECTIONS TO THE EXISTING AND PROPOSED DRAINAGE STRUCTURES SHOWN SHALL BE DETERMINED BY THE CONTRACTOR BASED ON A MINIMUM LATERAL CONNECTING SLOPE OF 2%.
- 14. FOR CLARITY, PIPE UNDERDRAINS IN THE PLAN VIEW ARE NOT DRAWN IN THE EXACT INSTALLATION LOCATION, SEE TYPICAL SECTIONS AND DRAINAGE DETAILS FOR EXACT PIPE UNDERDRAIN LOCATION,
- 15. IF PIPE UNDERDRAINS ARE ENCOUNTERED UNDER THE EXISTING RAMPS THEY WILL BE PAID FOR AS PIPE UNDERDRAIN REMOVAL.

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LANDSCAPING:

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING MEAR 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.

## GENERAL NOTES: CITY OF CHICAGO

- 1. ALL CATCH BASINS IN THE CITY OF CHICAGO MUST MEET THE DEPARTMENT OF WATER MANAGEMENT STANDARDS.
- SEWER SIZES 21" DIAMETER OR SMALLER MUST BE EXTRA STRENGTH VITRIFIED CLAY PIPE C-700 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.
- 3. 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 GOG11. INSPECTION WILL BE PROVIDED BY THE DEPARTMENT OF WATER MANAGEMENT.
- 4. 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.
- 5. 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 312-747-7001.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. IN LOCATIONS WHERE PILINGS/CAISSONS ARE BEING PROPOSED IN THE VICINITY OF THE EXISTING SEWER FACILITIES, A LICENSED STRUCTURAL ENGINEER SHOULD APPROVE CONSTRUCTION METHODS OF SUPPORT IN ORDER TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE CITY'S SEWER SYSTEM.
- 10. 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.

## 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 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 CHANCES, 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).

1.A.I. JOY JA KDAN KTAN ENTRESSWATT
63rd ST TO 59th ST (FRONTAGE ROAD & RAMPS
GENERAL NOTES & PROJECT COMMITMENTS
 SENERAL NOTES & PROJECT COMMITMENTS

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: NONE
DATE: October 29, 2004

DRAWN BY: NJH CHECKED BY: RMG