INDEX OF SHEETS ***********

SHEET NO. DESCRIPTION ***** *******

- TITLE SHEET
- INDEX OF SHEETS, GENERAL NOTES, & HIGHWAY STANDARDS
- 3 4 SUMMARY OF QUANTITIES
- TYPICAL SECTIONS
- SCHEDULE OF QUANTITIES
- 9 -- 10 ALIGNMENT. TIES. AND BENCHMARKS
- 11 EXISTING AND PROPOSED ROADWAY PLAN
- 12 EXISTING AND PROPOSED PROFILE
- 13 MAINTENANCE OF TRAFFIC - GENERAL NOTES AND TYPICAL SECTIONS
- 14 17 MAINTENANCE OF TRAFFIC - SUGGESTED TRAFFIC CONTROL STAGES 1 & 2



24

PAVEMENT MARKING, LANDSCAPING, AND EROSION CONTROL PLAN

- SIGN DETAILS
- UNDERPASS LIGHTING GENERAL NOTES
- 25 UNDERPASS LIGHTING PLAN
- 26 27 UNDERPASS LIGHTING DETAILS
- 28 63 STRUCTURAL SHEETS
- 64 ROADWAY DETAIL - TYPE 1 TERMINALS
- 65 DISTRICT ONE BUTT JOINT AND HMA TAPER DETAILS (BD-32) ¥66 - 68 SPBGR (BM-22)

DISTRICT ONE TYPE 6 TERMINAL FOR USE WITH 21 IN HIGH

- 69 DISTRICT ONE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
- DISTRICT ONE RAISED REFLECTIVE PAVEMENT MARKERS (TC-11) 70
- 71 DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
- 72 (TO REMAIN OPEN TO TRAFFIC) (TC-14)
- 73 DISTRICT ONE TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)
- DISTRICT ONE ARTERIAL ROAD INFORMATION SIGN (TC-22) 74
- DISTRICT ONE TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER

LANE CLOSURE SHOULDER LANE (TC-25) * INCLUDES 18A.

GX INCLIDES ZIA. XINCLUDES 68A. GENERAL NOTES

- 1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL JULIE" AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- 2. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER 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. AND THE CITY OF MARKHAM.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 6. BEFORE BEGINNING ANY WORK. THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 7. THE RESIDENT ENGINEER SHALL CONTACT MS. PATRICE HARRIS. AREA TRAFFIC FIELD ENGINEER AT (708) 597-9800 A MINIMUM OF TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 8. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) SHOWN IN THE PLANS.
- 9. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 10. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND COMBINATION CONCRETE CURB AND GUTTER TYPE B6.12. WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 11. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL DISTRICT ONE TRAFFIC CONTROL AND PROTECTION AT TURN BAYS SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847)705-4155 A MINIMUM OF 72 HOURS PRIOR TO START.
 - 14. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
 - 15. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
 - 16. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1.5 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 1:3 (V:H).

- 17. OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
- 18. WET REFLECTIVE TEMPORARY TAPE. TYPE III SHALL BE USED FOR TEMPORARY PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF TEMPORARY PAVEMENT MARKING TAPE REMOVAL SHALL BE INCLUDED IN THE COST OF WORK ZONE PAVEMENT MARKING REMOVAL.
- 19. FULL DEPTH SAW CUTS SHALL BE MADE AS DIRECTED BY THE ENGINEER TO REMOVE THE EXISTING PAVEMENT. CURB AND GUTTER. SIDEWALK. AND MEDIAN. THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ITEM BEING REMOVED. SAW CUTS NEEDED FOR CLASS B PATCHES WILL BE PAID FOR AT THE UNIT PRICE FOR "SAW

HIGHWAY STANDARDS

280001-05 TEMPORARY EROSION CONTROL SYSTEMS

420001-07 PAVEMENT JOINTS

420401-08 BRIDGE APPROACH PAVEMENT CONNECTOR

420701-02 PAVEMENT FABRIC

442101-07 CLASS B PATCHES

606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

606306-03 CORRUGATED PC CONCRETE MEDIANS

630001-09 STEEL PLATE BEAM GUARDRAIL

630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS

631011-07 TRAFFIC BARRIER TERMINAL. TYPE 2

631031-09 TRAFFIC BARRIER TERMINAL. TYPE 6

635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT

635011-02 REFLECTOR MARKER AND MOUNTING DETAILS

664001-02 CHAIN LINK FENCE

701101-02 OFF-ROAD OPERATIONS. MULTILANE. 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE

701400-0.6 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY

701401-06 LANE CLOSURE, FREEWAY/EXPRESSWAY

701406-06 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY

701431-06 LANE CLOSURE, MULTILANE, UNDIVIDED WITH CROSSOVER, FOR SPEEDS ∠ 45 MPH TO 55 MPH

701606-07 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN

701901-01 TRAFFIC CONTROL DEVICES

704001-06 TEMPORARY CONCRETE BARRIER

720006-02 SIGN PANEL ERECTION DETAILS

515001-03 542401-01 609006-05 701311-03 701421 - 03

<u> A Rev. 9-8-11</u> SECTION COUNTY

ENTRAN

DESIGNED DJB REVISED DRAWN ENTRAN REVISED DT SCALE = SALARAM 1/ IN CHECKED TMH REVISED LOT DATE = 7/6/2011 06/15/11 REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**