

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1346	COOK/DUPAGE	84	2

INDEX OF SHEETS, STATE STANDARDS, GENERAL NOTES  
 FED. ROAD DISTRICT NO. 7 ILLINOIS FED. AID PROJECT M-7003(857)

\*ELK GROVE VILLAGE SECTION 99-00041-00-CH  
 CONTRACT NO. 83766

## GENERAL NOTES

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### LIST OF STATE STANDARDS

NO.	DESCRIPTION
000001 -04	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001 -02	TEMPORARY EROSION CONTROL SYSTEMS
420001 -04	PAVEMENT JOINTS
420701 -04	PAVEMENT FABRIC
424001 -04	CURB RAMPS FOR SIDEWALKS
442201 -01	CLASS C AND D PATCHES
601001	SUB-SURFACE DRAINS
602001	CATCH BASIN, TYPE A
602011	CATCH BASIN, TYPE C
602301	INLET, TYPE A
602401	MANHOLE, TYPE A
602501	VALVE VAULT, TYPE A
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701	CAST IRON STEPS
604001 -02	FRAME & LIDS, TYPE 1
604036 -01	GRATE, TYPE B
604058 -01	FRAME & GRATE, TYPE 11V
604086 -01	FRAME & GRATE, TYPE 23
604091 -01	FRAME & GRATE, TYPE 24
606001 -02	CONCRETE CURB & COMB. CONCRETE CURB & GUTTER
606301 -02	PC CONCRETE ISLANDS & MEDIANS
606306 -01	CORRUGATED PC CONCRETE MEDIANS
667101	PERMANENT SURVEY MARKER
701101 -01	OFF-ROAD OPERATIONS, MULTILANE LESS THAN 15' AWAY, FOR SPEEDS ≥ 45 MPH
701108 -01	OFF-ROAD OPERATIONS, MULTILANE MORE THAN 15' AWAY, FOR SPEEDS ≥ 45 MPH
701421 -01	LANE CLOSURE MULTILANE DAY OPERATIONS ONLY FOR SPEEDS ≥ 45 MPH
701426 -02	LANE CLOSURE MULTILANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS ≥ 45 MPH
701501 -03	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701501 -04	URBAN LANE CLOSURE MULTILANE 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701501 -05	URBAN LANE CLOSURE MULTILANE 2W WITH MOUNTABLE MEDIAN
701501 -06	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801 -03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001 -03	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006	SIGN PANEL ERECTION DETAILS
720016 -01	MAST ARM MOUNTED STREET NAME SIGNS
780001 -01	TYPICAL PAVEMENT MARKINGS
781001 -01	TYPICAL APPLICATIONS, RAISED REFLECTIVE PAVEMENT MARKERS
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001	CONCRETE HANDHOLES
814006	DOUBLE HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS & PHASE SEQUENCES
877001 -02	STEEL MAST ARM ASSEMBLY & POLE
878001 -03	CONCRETE FOUNDATION DETAILS
880001	SPAN WIRE MOUNTED SIGNALS & FLASHING BEACON INSTALLATION
880006	TRAFFIC SIGNAL MOUNTING DETAILS
886001	DETECTOR LOOP INSTALLATION
886006	TYPICAL LAYOUT FOR DETECTION LOOPS

### A. GENERAL

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2002 ("STANDARD SPECIFICATIONS"); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2005; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD); THE DETAILS INCLUDED IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET AND APPROPRIATE PERMITS HAVE BEEN OBTAINED FROM THE VILLAGE OF ELK GROVE VILLAGE, THE COOK COUNTY HIGHWAY DEPARTMENT, THE DU PAGE COUNTY DIVISION OF TRANSPORTATION AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- ALL UTILITY COMPANIES, SCHOOL DISTRICTS AND LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
- UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- RADIUS FOR ROADWAY PAVEMENTS ARE MEASURED TO THE EDGE OF PAVEMENT. ALL OTHER RADIUS ARE MEASURED TO THE FACE OF CURB.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.
- ALL ELEVATIONS SHOWN ON THESE PLANS ARE ON U.S.G.S. DATUM.
- ALL PAVEMENT ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED SURFACE COURSE.
- THE THICKNESSES OF BITUMINOUS MIXTURES SHOWN ON THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE OR BASE UPON WHICH THE BITUMINOUS MATERIALS ARE PLACED.
- ANY REFERENCE TO "STANDARDS" IN THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO MEAN THE DEPARTMENT'S LATEST REVISION OF THAT STANDARD.
- THE MAXIMUM ALLOWABLE DIFFERENTIAL IN ELEVATION BETWEEN ADJACENT OPEN TRAFFIC LANES SHALL BE 2-1/4 INCHES.
- ALL UNBALLASTED TYPE I AND II BARRICADES SHALL HAVE TWO SANDBAGS ON THE BOTTOM RAILS.
- ALL REFERENCES TO "ENGINEER" IN THE PLANS AND CONTRACT DOCUMENTS SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR WILL NOT BE ALLOWED TO USE EXISTING FIRE HYDRANTS TO OBTAIN WATER FOR CONSTRUCTION PURPOSES. THE CONTRACTOR MAY OBTAIN WATER FROM THE VILLAGE OF ELK GROVE VILLAGE AT THE VILLAGE'S PUBLIC WORKS FACILITY ON LANDMEIER ROAD.

### B. SIGNS

- SHEET 36 OF THE PLANS DETAILS THE PROPOSED PERMANENT SIGNING WORK INCLUDED IN THIS PROJECT, AND THE FOLLOWING PAY ITEMS HAVE BEEN ESTABLISHED TO COVER THE COST OF THIS WORK:
  - SIGN PANEL - TYPE 1  
REMOVE SIGN PANEL ASSEMBLY - TYPE A  
RELOCATE SIGN PANEL ASSEMBLY - TYPE A  
TELESCOPING STEEL SIGN SUPPORT  
BASE FOR TELESCOPING STEEL SIGN SUPPORT
- IN ADDITION, THE CONTRACTOR MAY BE REQUIRED TO REMOVE AND RE-SET IN A TEMPORARY LOCATION ANY SIGNS WHICH INTERFERE WITH HIS WORK, UNLESS SUCH SIGNS ARE SCHEDULED FOR PERMANENT REMOVAL. ALL WORK INVOLVING TEMPORARY SIGN RELOCATION SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
  - SIGNS SHALL NOT BE REMOVED UNTIL THE PROGRESS OF WORK NECESSITATES IT AND THE ENGINEER APPROVES THE REMOVAL.
  - EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER, AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
  - ALL UNUSED SIGNS SHALL BE RETURNED TO THE AGENCY MAINTAINING THE ROADWAY INVOLVED.
  - LONGER POSTS MAY BE REQUIRED AT SOME LOCATIONS IN ORDER TO MAINTAIN PROPER SIGN ELEVATIONS. NO ADDITIONAL COMPENSATION WILL ALLOWED THE CONTRACTOR FOR PROVIDING THESE LONGER POSTS.
  - ALL WORK INVOLVING TEMPORARY SIGN RELOCATION SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".

### C. MAILBOXES

- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RE-SET ALL EXISTING MAIL-BOXES WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS AND, AFTER COMPLETION OF ROADWAY CONSTRUCTION, TO SET THEM IN THEIR PERMANENT LOCATIONS AS SHOWN ON THE PLANS AND/OR DIRECTED BY THE ENGINEER. (THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR COORDINATING THIS WORK WITH THE POST OFFICE.) THIS WORK SHALL BE IN CONFORMANCE WITH ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS".
- DAMAGE TO ANY MAILBOX OR POST CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. IF THE ENGINEER DIRECTS THE CONTRACTOR TO REPLACE ANY UNDAMAGED POST, THE FURNISHING AND PLACING OF SAME WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

### D. UTILITIES

- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE, AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH UTILITIES, AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM, IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS". THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 AND THE ELK GROVE VILLAGE PUBLIC WORKS DEPARTMENT AT 847-734-8800 FOR FIELD LOCATIONS OF BURIED ELECTRIC, GAS, WATER, SEWER, TELEPHONE AND CABLE TELEVISION FACILITIES (48-HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT, AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAIN-TAINING SANITARY SEWERS AND WATER MAINS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT OR RELOCATION OF THEIR FACILITIES, IF NECESSARY.
- THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED STORM SEWERS OR DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE STORM SEWER BEING CONNECTED.
- ALL ABANDONED INVERTS SHALL BE PLUGGED WITH BRICK AND MORTAR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STRUCTURE BEING REMOVED.

### E. TREE AND BUSH REMOVAL AND CLEARING

- ALL TREES NOT DESIGNATED FOR REMOVAL SHALL BE PROTECTED UNDER THE PRO-VISIONS OF ARTICLES 201.05 AND 201.11(c) OF THE "STANDARD SPECIFICATIONS".
- ALL LIMBS, BRANCHES AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS OWN EXPENSE OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.
- ALL CLEARING AND REMOVAL OF BUSHES AND TREES UNDER 6" IN DIAMETER WILL BE INCLUDED IN "EARTH EXCAVATION".

### F. ROADWAY EXCAVATION AND REMOVAL

- ALL EXISTING GRANULAR AND BITUMINOUS MATERIALS TO BE REMOVED AND NOT PAID FOR AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH, AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "EARTH EXCAVATION". THE CONTRACTOR SHALL HAVE THE OPTION OF REMOVING THE EXISTING BITUMINOUS MATERIAL BY GRINDING OR EXCAVATION. IF THE BITUMINOUS MATERIAL IS REMOVED BY EXCAVATION, IT MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY SO AUTHORIZED BY THE ENGINEER. BITUMINOUS MATERIAL REMOVED BY GRINDING MAY BE USED AS EMBANKMENT MATERIAL.
- THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE, OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED, WITH CONSTRUCTION EQUIPMENT WHICH MAY DAMAGE THE PAVEMENT.
- ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO THE PLACEMENT OF GRANULAR SUB-BASE OR EMBANKMENT.
- ALL EXCESS MATERIAL (BROKEN CONCRETE (OTHER THAN FROM PAVEMENT REMOVAL), SEWER PIPE, WASTE ROAD EXCAVATION AND SURPLUS MATERIAL FROM SEWER TRENCHES) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO SUCH DUMP SITES. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN "EARTH EXCAVATION".
- ANY EXISTING DRAINAGE FACILITIES, HEADWALLS, FENCES OR OTHER OBSTRUCTIONS WHICH INTERFERE WITH THE PROPOSED IMPROVEMENT (IN THE OPINION OF THE ENGINEER), AND WHICH ARE NOT SHOWN ON THE PLANS, SHALL BE REMOVED. ANY OF THIS MATERIAL CONSIDERED BY THE ENGINEER TO BE SALVAGEABLE SHALL BE STORED WITHIN THE RIGHT-OF-WAY FOR LATER REMOVAL BY THE AGENCY MAINTAINING THE ROADWAY INVOLVED.

- THE LIMITS OF UNSUITABLE SOIL REMOVAL HAVE BEEN ESTIMATED USING DATA PROVIDED IN THE ROADWAY SOILS REPORT DATED DECEMBER 27, 2002 BY SCHELEDE-HAMPTON ASSOCIATES, INC. THE LIMITS OF UNDERCUT WILL BE VERIFIED OR RE-ESTABLISHED DURING CONSTRUCTION BY THE ENGINEER BASED UPON ACTUAL CONDITIONS. THE PLAN QUANTITIES ARE ESTIMATED, AND ANY ADDITIONS OR DEDUCTIONS RESULTING FROM A CHANGE IN LIMITS OF UNDER-CUTTING SHALL BE MADE BY THE ENGINEER, AND THE CONTRACTOR WILL BE PAID FOR THE ACTUAL AMOUNT OF WORK PERFORMED.

- THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB AND GUTTER AND SIDEWALK WHERE INDICATED ON THE PLANS TO SEPARATE THE EXISTING MATERIAL BEING REMOVED. AN APPROVED CONCRETE SAW SHALL BE USED TO CUT TO A DEPTH SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

- ALL BOLLARDS WITHIN THE RIGHT-OF-WAY WHICH INTERFERE WITH THE CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN THE COST OF "EARTH EXCAVATION".

### G. TRENCH BACKFILL

- WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE "STANDARD SPECIFICATIONS" USING METHOD ONE.

### H. STORM SEWERS, STRUCTURES AND UTILITIES

- THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN ITS PROPER LOCATION. OFFSETS SHOWN FOR ALL OTHER STRUCTURES ARE TO THE CENTER OF STRUCTURE.
- TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PUBLIC OR PRIVATE DRAINS, SEWERS OR CATCH BASINS. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE CONSTRUCTED AND IN SERVICE. THIS WORK SHALL BE INCLUDED IN THE VARIOUS DRAINAGE CONSTRUCTION PAY ITEMS.
- DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINES OF DITCHES, CULVERTS OR DRAINAGE STRUCTURES WHICH CAUSE THE NATURAL FLOW OF WATER TO BE OBSTRUCTED SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONTRACT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF ALL DIRT AND DEBRIS. THIS WORK WILL BE INCLUDED IN THE VARIOUS DRAINAGE PAY ITEMS.
- DRAINAGE STRUCTURE FLAT-TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE LANE. ALL FLAT-TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
- BITUMINOUS PAVEMENT CROSSINGS REMOVED DUE TO STORM SEWER OR CULVERT WORK SHALL NOT BE LEFT IN GRAVEL OVERNIGHT. THIS INCLUDES SIDE STREETS AS WELL AS PRIVATE AND COMMERCIAL ENTRANCES. TEMPORARY BITUMINOUS PATCHING (AT THE CONTRACTOR'S EXPENSE) MAY BE USED IN LIEU OF IMMEDIATE PAVEMENT REPLACEMENT.

### I. BITUMINOUS SURFACE COURSE

- BITUMINOUS CONCRETE SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOP SOIL PLACEMENT AND BITUMINOUS CONCRETE BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
- BITUMINOUS QUANTITIES USED IN DESIGN AND CALCULATIONS ARE BASED ON 112 POUNDS PER INCH THICKNESS PER SQUARE YARD.

### J. DRIVEWAYS AND ENTRANCES

- EXCAVATION AT ALL DRIVEWAYS WILL BE PAID FOR AS "EARTH EXCAVATION" EXCEPT THAT THE REMOVAL OF CONCRETE PAVEMENT WILL BE PAID FOR AS "DRIVEWAY PAVEMENT REMOVAL" AND THE REMOVAL OF ASPHALT PAVEMENT WILL BE PAID FOR AS "BITUMINOUS DRIVEWAY REMOVAL".

EARTHWORK SCHEDULE (ASSUME 15% SHRINKAGE)										
ITEM	UNIT	STAGE 1				STAGE 2				TOTALS
		DEVON (WEST LEG)	DEVON (EAST LEG)	WOOD DALE (SOUTH LEG)	TONNE (NORTH LEG)	SUB-TOTALS	DEVON (WEST LEG)	DEVON (EAST LEG)	SUB-TOTALS	
EARTH EXCAVATION (SUITABLE MATL.)	C.Y.	1626	1055	545	341	3567	132	81	213	3780*
REM. & DISP. OF UNSUITABLE MATL.	C.Y.	562				238				800 *
EARTH EXCAVATION ADJ. FOR SHRINKAGE	C.Y.	1382	897	463	290	3032	112	69	181	3213
EMBANKMENT	C.Y.	264	241	158	396	1059	2	10	12	1071 **
EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	C.Y.	+1118	+656	+305	-106	+1973	+110	+59	+169	+2142
POROUS GRANULAR EMBKMT (SUBGRADE)	C.Y.	562				238				800 *

\*PLAN QUANTITY  
 \*\*A PAY ITEM FOR "FURNISHED EXCAVATION" HAS BEEN INCLUDED ON THE ASSUMPTION THAT, DUE TO LIMITED WORKING SPACE, ALL EMBANKMENT MAY HAVE TO BE BROUGHT IN FROM OUTSIDE THE PROJECT LIMITS.

BITUMINOUS MIXTURE REQUIREMENTS				
ITEM	AC TYPE	VOIDS	MAX.RAP	MIX TYPE
POLYMERIZED BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYR.	0	
POLYMERIZED BIT. CONC. BINDER COURSE, SUPERPAVE, IL-19.0, N90	SBS/SBR PG 70-22	4% @ 90 GYR.	0	
BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "D", N70	PG 64-22	4% @ 70 GYR.	10%	
BIT. CONC. BINDER COURSE, SUPERPAVE, IL-19.0, N70	PG 64-22	4% @ 70 GYR.	15%	
*BITUMINOUS BASE COURSE	PG 58-22	2% @ 50 GYR.	50%	
CLASS D PATCHES, SUPERPAVE	PG 64-22	4% @ 70 GYR.	15%	BINDER IL-19MM
**BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "C", N50	PG 64-22	4% @ 50 GYR.	15%	

\*ALL BUT TOP 2" LIFT OF STABILIZED MEDIAN SURFACE 12"  
 \*\*TOP 2" LIFT OF STABILIZED MEDIAN SURFACE 12" & 4" SURFACE ON BITUMINOUS DRIVEWAY PAVEMENT

THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM TO CONTINUOUSLY MONITOR FOR WORKER SAFETY AND SOIL CONTAMINATION AT SEVERAL AREAS. SEE SPECIAL PROVISION FOR "NON-SPECIAL WASTE WORKING CONDITIONS" AND SUPPLEMENTAL SPECIFICATIONS FOR DETAILS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INDEX OF SHEETS, LIST OF STATE STANDARDS & GENERAL NOTES**  
 DEVON AVENUE @  
 WOOD DALE ROAD/TONNE ROAD

CHECKED BY: R.J.K.  
 DATE: 12/30/04