

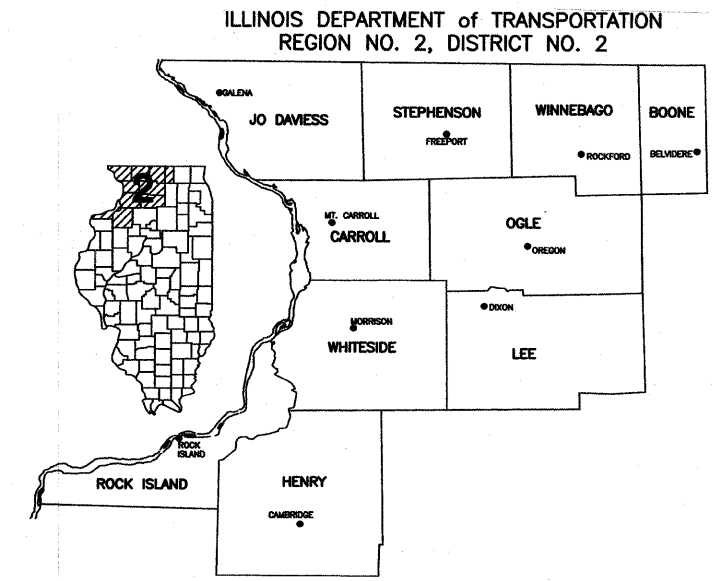
INDEX OF SHEETS

SHEET No.	TITLE
SHEET 1	LOCATION MAP, INDEX OF SHEETS, STANDARDS
SHEET 2	SUMMARY OF QUANTITIES AND GENERAL NOTES
SHEET 3	SCHEDULE OF QUANTITIES
SHEET 4	TYPICAL ROADWAY SECTIONS
SHEET 5	DRIVEWAY CROSS-SECTIONS
SHEET 6	STANDARD LEGEND
SHEET 7	EXISTING SITE PLAN
SHEET 8	SITE REMOVAL PLAN
SHEET 9	SITE REPLACEMENT PLAN
SHEET 10	DETAILS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# DOUGLAS STREET STREETSCAPE IMPROVEMENTS

FOR  
CITY OF FREEPORT  
FREEPORT, ILLINOIS



SECTION: 01-00138-00-LS  
STEPHENSON COUNTY  
PROJECT NO. TE-D2(110)  
JOB NO. C-92-093-01  
CONTRACT NO. 85423

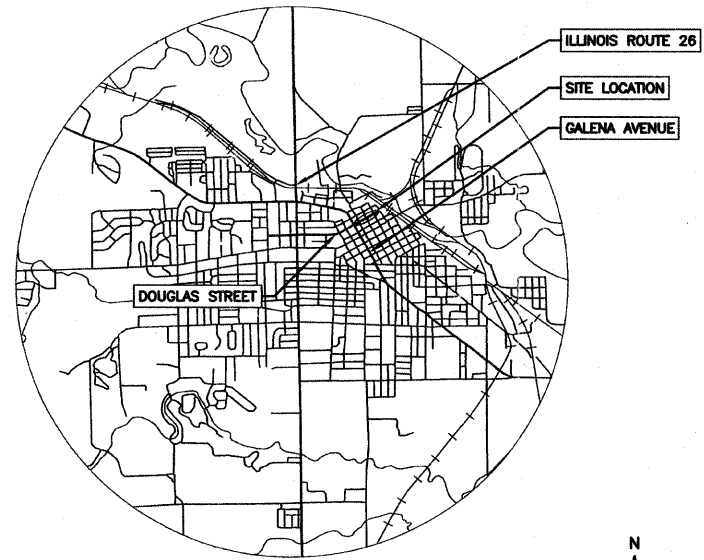
STATE STANDARDS

- 424001-05 CURB RAMPS FOR SIDEWALK
- 606001-03 CONCRETE TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701601-05 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701801-03 LANE CLOSURE, MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901 TRAFFIC CONTROL DEVICES
- 720011 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 728001 TELESCOPING STEEL SIGN SUPPORTS
- 729001 APPLICATION OF TYPE A & B POSTS

UTILITIES

UTILITY TYPE	COMMON NAME	ADDRESS
ELECTRIC	COMED CO.	2900 RT. 20 W. FREEPORT, ILLINOIS
TELEPHONE	VERIZON	112 W. ELM ST. SYCAMORE, ILLINOIS
WATER & SEWER	CITY OF FREEPORT WATER AND SEWER COMMISSION	230 W. STEPHENSON ST. FREEPORT, ILLINOIS
GAS	NICOR GAS CO.	4651 LINDEN RD. ROCKFORD, ILLINOIS
CABLEVISION	INSIGHT COMMUNICATIONS	109 W. MAIN FREEPORT, ILLINOIS

(CONTRACTOR TO BE RESPONSIBLE FOR ANY ADJUSTMENTS TO BE MADE.)



LOCATION MAP

PROJECT LENGTH: 1097' (0.208 MILES)



CALL J.U.L.I.E.  
BEFORE YOU DIG  
(800) 892-0123

CITY OF FREEPORT	
GEORGE GAULRAPP	MAYOR
MEG ZURAVEL	CITY CLERK
LINDA L. BUSS	CITY TREASURER
SHELLY GRISWOLD	COMMUNITY DEVELOPMENT
CRAIG LEBARON	DIR. OF PUBLIC WORKS
SARAH GRIFFIN	CORPORATION COUNCIL

ALDERMAN	
TOM KLEMM	DENNIS ENDRESS
SHAWN BOLDT	LINDA O'NEIL
RONNIE BUSH	SCOTT HELMS
JENNIE DEVINE	RANDY CORBIN



## FEHR-GRAHAM & ASSOCIATES, LLC

ENGINEERING AND SCIENCE CONSULTANTS

221 E. MAIN ST. SUITE 200  
FREEPORT, IL 61032  
815/235-7643

1920 DAMLER RD.  
ROCKFORD, IL 61112  
815/394-4700

515 LINCOLN HIGHWAY  
ROCHELLE, IL 61038  
815/562-9087

1107 16th AVENUE  
MONROE, WI 53566  
608/329-6400

APPROVED January 8, 2008  
*Paul D. Ertmer*  
DIRECTOR OF PUBLIC WORKS

PASSED January 10, 2008  
*Paul D. Ertmer*  
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW January 10, 2008  
*George F. Ryan*  
DEPUTY DIRECTOR OF HIGHWAYS/REGION 2 ENGINEER

SUMMARY OF QUANTITIES  
CONSTRUCTION TYPE CODE: Y003

CODE NO.	ITEM	UNIT	TOTAL
* B2005716	T-PYRUS C CH TF 2	EACH	15
* C2C09918	SHRUBS - SPIREAXBUM GF 18C	EACH	8
* K0030450	PERENNIAL PL DAF BULB	UNIT	2.70
* K1005481	SHRED BARK MULCH 3	SQ. YD.	53
LR420021	PCC PAVEMENT, 6" SPL	SQ. YD.	50
LR430050	CONCRETE PAVER SIDEWALK	SQ. YD.	71
* XX002281	HEMEROCALLIS DAYLILY	UNIT	1.15
* XX005022	LANDSCAPE PLANTERS	L.S.	1
* XX006599	T-ACERX FREM ARM 3	EACH	9
20200100	EARTH EXCAVATION	CU. YD.	268
20400800	FURNISHED EXCAVATION	CU. YD.	100
* 21101615	TOPSOIL F& P 4	SQ. YD.	456
* 25000100	SEEDING, CLASS 1	ACRE	0.09
* 25100110	MULCH, METHOD 1	TON	0.18
35101400	AGGREGATE BASE COURSE, TYPE B	TON	599
42300300	PCC DRIVEWAY PAVT, 7"	SQ. YD.	318
42400200	PCC SIDEWALK 5"	SQ. FT.	9,762
42400800	DETECTABLE WARNINGS	SQ. FT.	128
44000100	PAVEMENT REM	SQ. YD.	970
44000200	DRIVEWAY PAVEMENT REM	SQ. YD.	318
44000300	CURB REM	FT.	417
44000600	SIDEWALK REM	SQ. FT.	12,112
40800050	INC HMA SURF	TON	304
60264000	INL RECON NEW T 12 F&G	EACH	3
60605000	COMB C C&G T B6.24	FT.	1,121
67100100	MOBILIZATION	L.S.	1
70101700	TRAFFIC CONTROL AND PROTECTION	L.S.	1

\* SPECIALTY ITEMS

GENERAL NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING INSTALLATIONS CAUSED BY THE EXECUTION OF THE WORK.

ALL EXCAVATION FOR STRUCTURES SHALL BE KEPT DEWATERED DURING CONSTRUCTION OPERATIONS UNTIL BACKFILL IS IN PLACE.

ALL EXCESS EARTH EXCAVATION TO BE DISPOSED OF BY CONTRACTORS.

ALL PROPERTY SHALL BE RESTORED TO THE CONDITION EXISTING BEFORE CONSTRUCTION BEGAN.

NOTES

- CONTRACTOR SHALL VISIT SITE, INSPECT EXISTING CONDITIONS AND REVIEW PROPOSED PLANTING AND RELATED WORK.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL ON-SITE UTILITIES PRIOR TO BEGINNING CONSTRUCTION ON HIS PHASE OF WORK. ELECTRIC, GAS, TELEPHONE, AND CABLE TELEVISION MAY BE LOCATED BY CALLING J.U.L.I.E. AT (1-800-892-0123). ANY DAMAGE OR INTERRUPTION OF SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR TO COORDINATE ALL RELATED ACTIVITIES WITH OTHER TRADES ON THE JOB AND SHALL REPORT ANY UNACCEPTABLE JOB CONDITIONS TO OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.
- CONTRACTOR RESPONSIBLE FOR APPLICATION AND COST OF ALL NECESSARY BUILDING PERMITS AND CODE VERIFICATIONS. SUBMIT COPIES OF ALL DOCUMENTS TO OWNER AND ENGINEER.
- ACCEPTANCE OF GRADING AND SEEDING SHALL BE BY ENGINEER AND OWNER. THE CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITIES FOR A MINIMUM OF SIXTY (60) DAYS OR UNTIL SECOND CUTTING, WHICHEVER IS LONGER. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, RESEEDING, AND OTHER OPERATIONS NECESSARY TO KEEP LAWN IN A THRIVING CONDITION. UPON FINAL ACCEPTANCE BY ENGINEER AND/OR OWNER, OWNER SHALL ASSUME ALL MAINTENANCE RESPONSIBILITIES. AFTER LAWN AREAS HAVE GERMINATED, AREAS WHICH FAIL TO SHOW A UNIFORM STAND OF GRASS FOR ANY REASON WHATSOEVER SHALL BE RESEEDED REPEATEDLY UNTIL ALL AREAS ARE COVERED WITH A SATISFACTORY STAND OF GRASS. MINIMUM ACCEPTANCE OF SEEDED LAWN AREAS MAY INCLUDE SCATTERED BARE SPOTS, NONE OF WHICH ARE LARGER THAN ONE SQUARE FOOT AND WHEN COMBINED DO NOT EXCEED 2% OF TOTAL SEEDED AREA.
- CONCRETE UNIT PAVERS SHALL BE "HOLLANDSTONE" BY UNILOCK OR "HOLLAND STONE" BY BELGARD LANDSCAPES. COLOR SHALL BE DETERMINED BY ENGINEER AND/OR OWNER PRIOR TO ORDER DATE.  
4" w x 8" l x 2 3/8" h

**DETECTABLE WARNING SCHEDULE**

STATION	L/R	SQ. FT.
11+18	R	8
11+19	L	8
11+20	R	8
11+28	L	8
11+74	R	8
11+74	L	8
12+90	R	8
12+90	L	8
14+93	R	8
14+90	L	8
15+38	L	8
15+43	R	8
18+53	R	8
18+60	R	8
19+08	R	8
19+13	R	8
<b>TOTAL</b>		<b>128</b>

**SIDEWALK REMOVAL SCHEDULE**

STATION	TO	STATION	L/R	SQ. YD.
10+00		11+24	R	850
11+66		14+94	L	4864
11+69		14+94	R	2918
15+37		18+63	R	2777
19+05		20+56	R	703
<b>TOTAL</b>				<b>12,112</b>

**PAVEMENT REMOVAL SCHEDULE**

STATION	TO	STATION	L/R	SQ. YD.
10+00		11+26	R	192
11+64		14+97	L	81
11+65		11+77	R	8
14+83		14+98	R	8
15+33		18+67	R	465
19+01		20+86	R	203
20+53		21+00	L	13
<b>TOTAL</b>				<b>970</b>

**SHREDDED BARK MULCH 3 SCHEDULE**

STATION	L/R	SQ. YD.
11+07	R	3
12+05	R	6
12+30	R	3
12+52	L	1
12+54	R	3
12+75	L	1
12+76	R	3
13+75	R	3
14+02	L	1
14+06	R	3
14+19	L	1
14+29	R	3
14+54	R	6
15+57	R	3
16+42	L	1
17+03	R	3
17+47	R	1
17+91	L	1
17+91	R	1
18+19	R	1
19+83	R	1
20+10	R	1
20+10	L	1
20+36	R	1
20+36	L	1
<b>TOTAL</b>		<b>53</b>

**COMB. C C&G, TYPE B6.24 SCHEDULE**

STATION	TO	STATION	L/R	L.F.
10+00		11+24	R	140
11+66		14+94	L	347
11+67		11+77	R	17
14+78		14+96	R	27
15+35		18+65	R	347
19+03		20+85	R	195
20+53		21+01	L	48
<b>TOTAL</b>				<b>1121</b>

**DRIVEWAY PAVEMENT SCHEDULE**

STATION	TO	STATION	L/R	SQ. YD.
11+99		12+34	L	53
13+02		13+63	R	50
14+30		14+65	L	72
19+34		19+65	R	56
20+52		20+83	R	58
20+58		20+89	L	29
<b>TOTAL</b>				<b>318</b>

**CURB REMOVAL SCHEDULE**

STATION	TO	STATION	L/R	L.F.
11+75		14+96	L	355
12+83		12+96	R	13
20+76		20+85	R	9
20+53		20+73	L	27
20+79		20+89	R	13
<b>TOTAL</b>				<b>417</b>

**EARTH EXCAVATION SCHEDULE**

STATION	TO	STATION	L/R	CU. YD.
10+00		11+26	R	53
11+64		14+97	L	22
11+65		11+77	R	2
14+83		14+98	R	2
15+33		18+67	R	129
19+01		20+86	R	56
20+53		21+00	L	4
<b>TOTAL</b>				<b>268</b>

**TREE SCHEDULE**

STATION	L/R	TYPE
11+07	R (IN PLANTER)	PCP
12+05	R (IN PLANTER)	PCP
12+30	R (IN PLANTER)	PCP
12+52	L	PCP
12+54	R (IN PLANTER)	PCP
12+75	L	PCP
12+76	R (IN PLANTER)	PCP
13+75	R (IN PLANTER)	PCP
14+02	L	PCP
14+06	R (IN PLANTER)	PCP
14+19	L	PCP
14+29	R (IN PLANTER)	PCP
14+54	R (IN PLANTER)	PCP
15+57	R (IN PLANTER)	PCP
16+42	L	AFA
17+03	R (IN PLANTER)	PCP
17+47	R	AFA
17+91	L	AFA
17+91	R	AFA
19+83	R	AFA
20+10	R	AFA
20+10	L	AFA
20+36	R	AFA
20+36	L	AFA

**AGG. BASE COURSE, TYPE B SCHEDULE**

STATION	TO	STATION	L/R	TON
10+00		11+26	R	118
11+64		14+97	L	50
11+65		11+77	R	5
12+83		12+96	R	1
14+83		14+98	R	5
15+33		18+67	R	287
19+01		20+85	R	125
20+53		21+00	L	8
<b>TOTAL</b>				<b>599</b>

**LANDSCAPING PLANTER SCHEDULE**

STATION	L/R	TYPE NO. 2	TYPE NO. 3
11+07	R	1	0
12+05	R	0	1
12+30	R	1	0
12+54	R	1	0
12+76	R	1	0
13+75	R	1	0
14+06	R	1	0
14+29	R	1	0
14+54	R	0	1
15+57	R	1	0
17+03	R	1	0
<b>TOTAL</b>		<b>9</b>	<b>2</b>

**PCC PAVEMENT, 6" SPL SCHEDULE**

STATION	TO	STATION	L/R	SQ. YD.
13+12		13+75	L	50

**CONCRETE PAVER SIDEWALK SCHEDULE**

STATION	TO	STATION	L/R	SQ. YD.
11+82		13+02	R	34
13+63		14+80	R	37
<b>TOTAL</b>				<b>71</b>

**INLET RECON W/T 12 F&G SCHEDULE**

STATION	L/R	QTY.
11+22	R	1
18+50	R	1
19+21	R	1
<b>TOTAL</b>		<b>3</b>

**INC HMA SURFACE SCHEDULE**

STATION	TO	STATION	L/R	SQ. YD.	TON
10+00		11+26	R	192	60
11+64		14+97	L	81	25
11+65		11+77	R	8	3
12+83		12+96	R	3	1
14+83		14+98	R	8	3
15+33		18+67	R	465	145
19+01		20+85	R	203	63
20+53		21+00	L	13	4
<b>TOTAL</b>					<b>304</b>

**FEHR-GRAHAM & ASSOCIATES, LLC**  
ENGINEERING AND SCIENCE CONSULTANTS  
FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, IL MONROE, WI  
ILLINOIS DESIGN FIRM NO. 184-003525  
© 2007 FEHR-GRAHAM & ASSOCIATES

OWNER/DEVELOPER:  
CITY OF FREEPORT  
230 W. STEPHENSON ST.  
FREEPORT, IL 61032

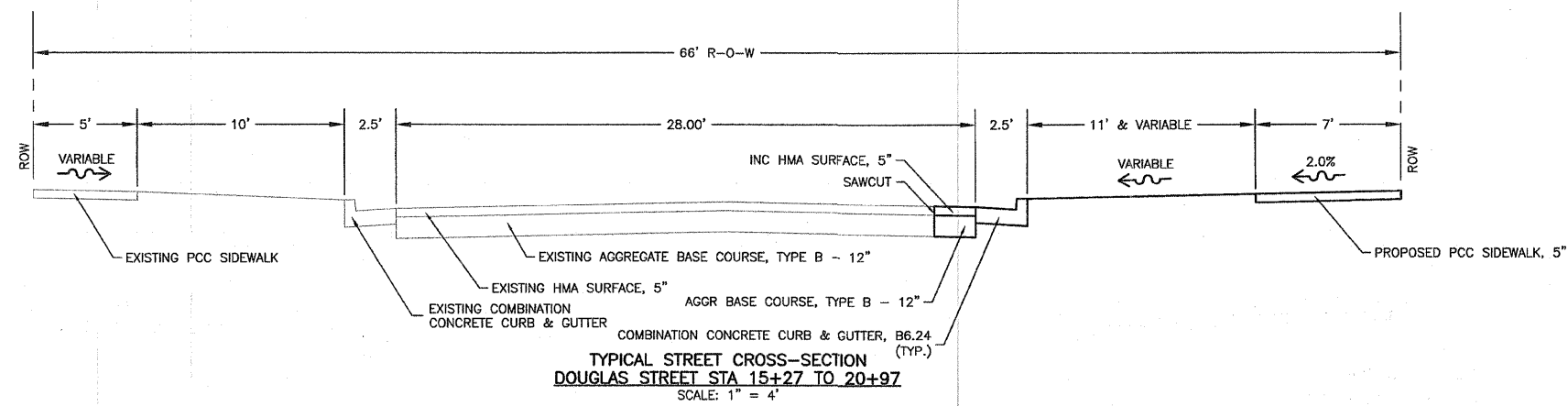
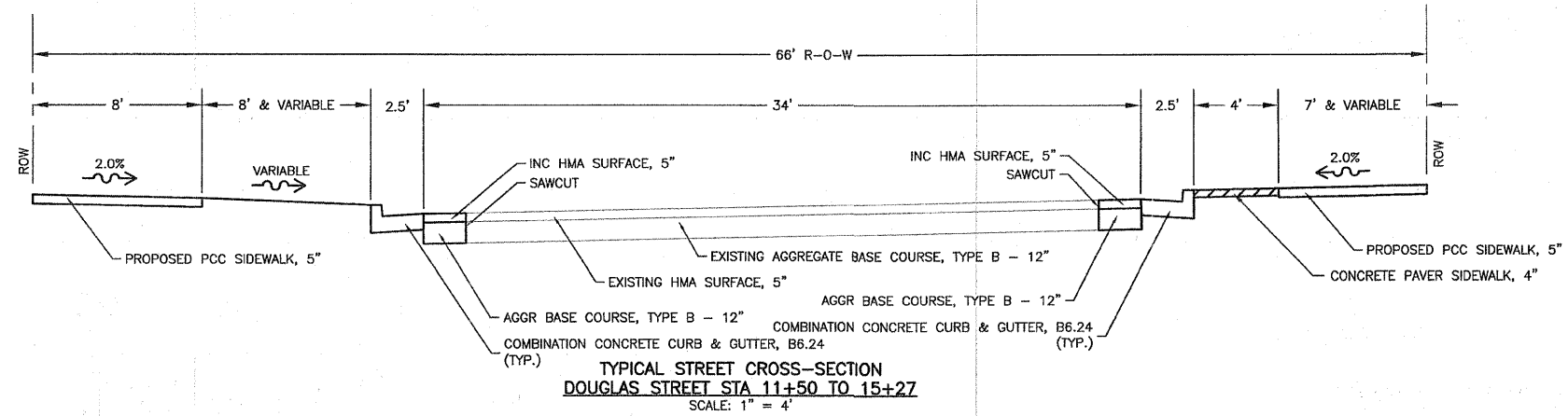
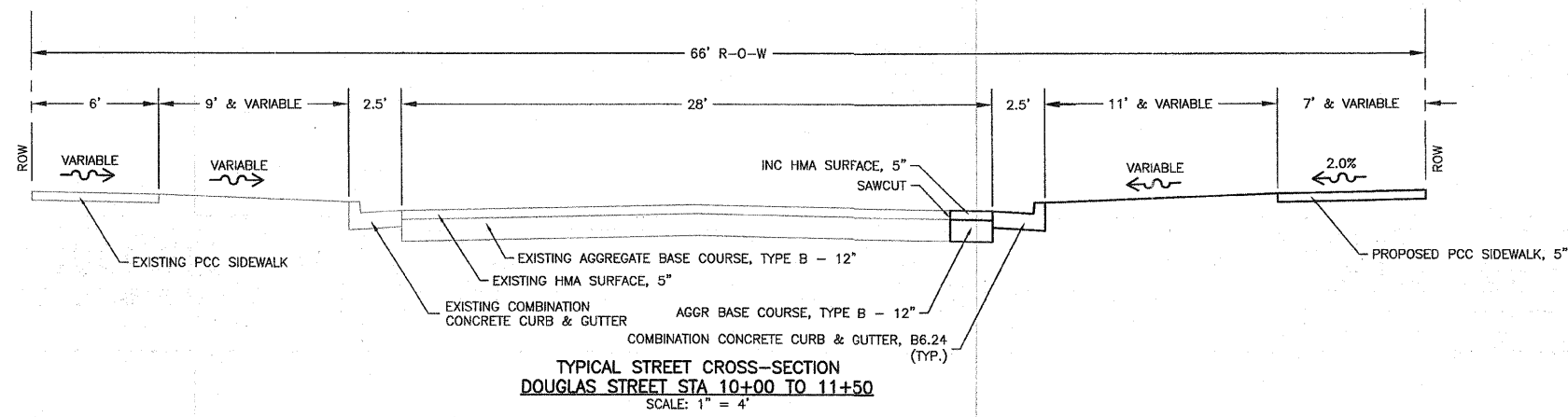
PROJECT AND LOCATION:  
DOUGLAS STREET  
STREETSCAPE IMPROVEMENTS  
SECTION 01-00138-00-LS

DRAWN BY: CHS  
APPROVED BY: P.E.  
DATE: 12/26/07  
SCALE: 1" = 20'

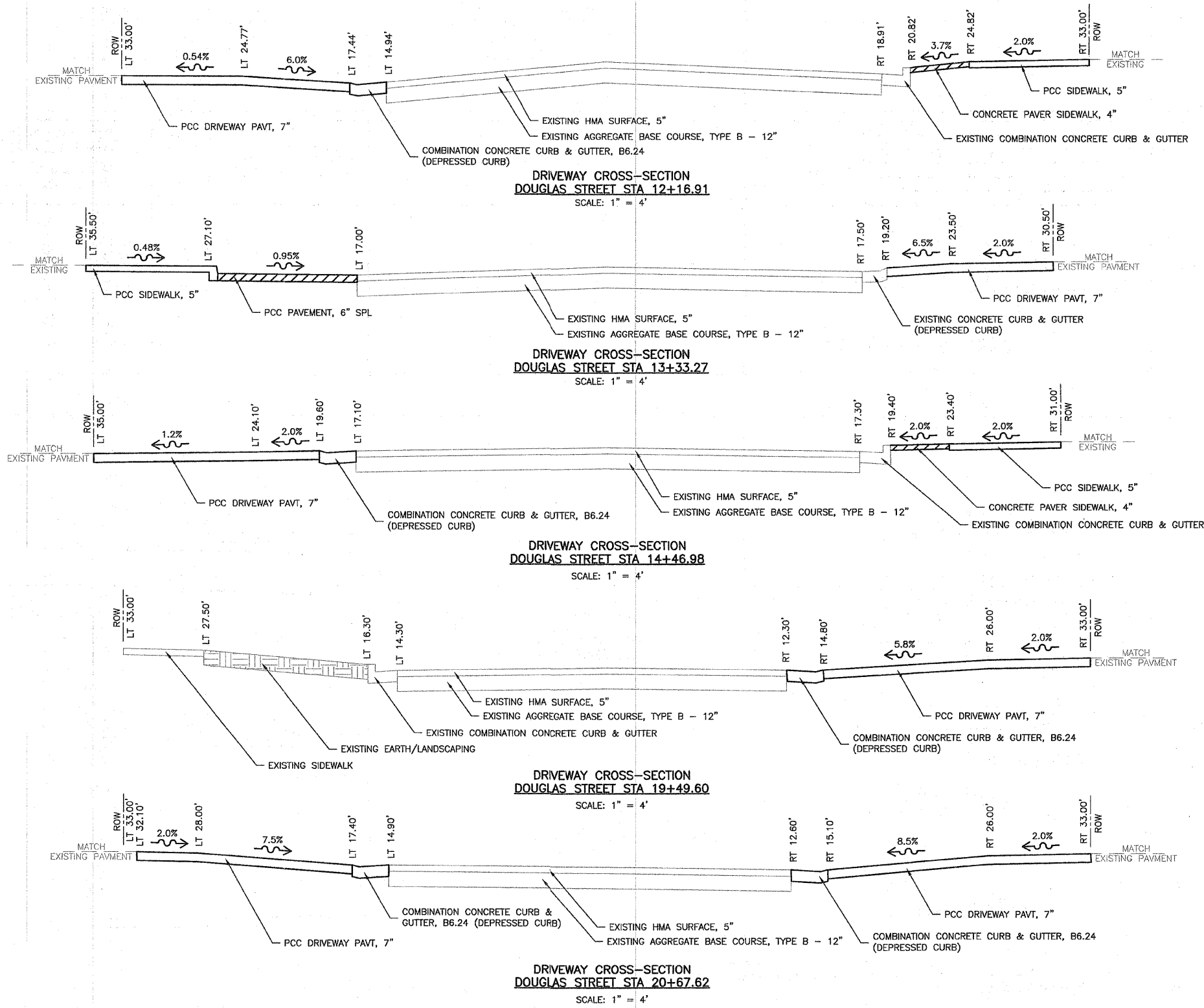
REVISIONS		BY
DATE	DESCRIPTION	
1/8/08	REVISIONS PER IDOT REVIEW	CHS

DRAWING:  
**SCHEDULE OF QUANTITIES**  
G:\EGLPT\07\47497\47497-Fdpmtd.dwg, QUANTITIES

JOB NUMBER:  
**47497**  
SHEET NUMBER:  
**3 of 10**



REVISIONS		DATE	DESCRIPTION	BY
1/8/08	REVISIONS PER IDOT REVIEW			CHS



**FEHR-GRAHAM & ASSOCIATES, LLC**  
ENGINEERING AND SCIENCE CONSULTANTS  
FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, IL MONROE, WI  
ILLINOIS DESIGN FIRM NO. 184-003525  
© 2007 FEHR-GRAHAM & ASSOCIATES

OWNER/DEVELOPER:  
CITY OF FREEPORT  
230 W. STEPHENSON ST.  
FREEPORT, IL 61032

PROJECT AND LOCATION:  
DOUGLAS STREET  
STREETScape IMPROVEMENTS  
SECTION 01-00138-00-LS

DRAWN BY: CHS  
APPROVED BY: P.E.  
DATE: 12/26/07  
SCALE: 1" = 20'

REVISIONS		DATE	DESCRIPTION	BY
1/8/08	REVISIONS PER IDOT REVIEW			CHS

DRAWING:  
DRIVEWAY CROSS-SECTIONS  
C:\ECLPT\07\47497\47497-Fldpnts.dwg, DRIVE SEC

JOB NUMBER:  
47497  
SHEET NUMBER:  
5 of 10

ABBREVIATIONS

<	ANGLE
ABC	AGGREGATE BASE COURSE
AC	ACRE(S)
ACI	AMERICAN CONCRETE INSTITUTE
AGR	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ARCH	ARCHITECT
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
B	BALL VALVE
BFP	BACKFLOW PREVENTER
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCKING
BM	BENCHMARK
BOT	BOTTOM
BSMT	BASEMENT
BV	BUTTERFLY VALVE
B-B	BACK-TO-BACK OF CURB DIMENSION
CL or C	CENTERLINE
C TO C	CENTER TO CENTER
C & C	CURB AND GUTTER
CF	CUBIC FEET
CHD	CHORD LENGTH
CI	CAST IRON PIPE
CHK	CHECK VALVE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CTY	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
C-B	CENTERLINE TO BACK OF CURB DIMENSION
COORD	COORDINATE
CU	COPPER PIPING
CTRS	CENTERS
CY	CUBIC YARDS
D	DEGREE OF CURVE
DEP	DEPRESSED
DET	DETAIL
DIAG	DIAGONAL
DIM	DIMENSION
DI	DUCTILE IRON PIPE
DN	DOWN
DNSTR	DOWNSTREAM
DWG	DRAWING
E	EAST
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EW	EACH WAY
EXP	EXPANSION
EX, EXIST	EXISTING
EXT	EXTERIOR
E-D	EXTERNAL DISTANCE
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIELD ENTRANCE
FFL	FINISH FLOOR LEVEL
FIL	FILLET
FIN	FINISH
FL	FLOW LINE
FLR	FLOOR
FM	FORCE MAIN
FND	FOUND
FRMG	FRAMING
FTG	FOOTING
F-F	FACE TO FACE
GA	GAUGE
GI	GALVANIZED IRON PIPE
GRD	GRADE
GRS	GRATING SUPPORT
GRT	GROUT
GV	GATE VALVE
GYP	GYPSUM
HSE	HOUSE
HC	HORIZONTAL CURVE
HNGR	HANGER
HORIZ	HORIZONTAL
HP	HIGH POINT
HW	HOT WATER
HWL	HOT WATER HEATER
Δ =	CENTRAL ANGLE
I	MOMENT OF INERTIA
ID	INSIDE DIAMETER
INT	INTERIOR
INV	INVERT ELEVATION; BASED ON BENCH MARK DATUM
IP	IRON PIPE
JST	JOIST
L	LENGTH OF CURVE
LAT	LATERAL
LAV	LAVATORY
LF	LINEAL FEET
LP	LOW POINT

LT	LEFT OF SURVEY BASE LINE
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
MTL	METAL
N	NORTH
No. OR #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OO	OUTSIDE TO OUTSIDE
OPNG	OPENING
OPP	OPPOSITE
PC	POINT OF CURVATURE
PCF	POUNDS PER CUBIC FOOT
PDP	PERFORATED DRAIN PIPE
PE	POLYETHYLENE PIPE
PI	POINT OF INTERSECTION
PL	PLATE
PLG	PLUG VALVE
PLP	POLYPROPYLENE PIPE
PLYWD	PLYWOOD
PM	PRINCIPAL MERIDIAN
PNL	PANEL
PR	PRESSURE REGULATORS
PRC	POINT OF REVERSE CURVATURE
PRESS	PRESSURE
PR, PROP	PROPOSED
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PIPE SLEEVE
PT	POINT OF TANGENCY
PLG	PLUG VALVE
PVC	POLYVINYL CHLORIDE (PLASTIC) PIPE
R	RADIUS
RCPP	REINFORCED CONCRETE CYLINDER PIPE
RCF	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REINF	REINFORCING
REQD	REQUIRED
RFTFR	RAFTER
RND	ROUND
RR	RAILROAD
RRSP	RAILROAD SPIKE
RT	RIGHT
R&R	REMOVE AND REPLACE
S	SOUTH
SB	STREAM BED
SCHED	SCHEDULE
SEC	SECTION
SF	SQUARE FEET
SHR	SHOWER
SHT	SHEET
SHTG	SHEATHING
SPA	SPACING OR SPACES
SPEC	SPECIFICATION
SQ	SQUARE
SSP	SEE SITE PLAN
STA	STATION
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SW	SIDEWALK
SY	SQUARE YARDS
SYM	SYMMETRICAL
TAN	TANGENT LENGTH
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCH MARK; BASED ON BENCHMARK DATUM
TD	TILE DRAIN
THK	THICK
TR	TREAD
TYP	TYPE
TYP	TYPICAL
UPSTR	UPSTREAM
UR	URINAL
USGS	US GEOLOGICAL SURVEY
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VOL	VOLUME
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPT	VERTICAL POINT OF TANGENCY
WC	WATER CLOSET
W	WEST
WF	WIDE FLANGE
WP	WEATHER PROOF
WGT	WEIGHT
WWF	WELDED WIRE FABRIC
W	WITH
W/O	WITHOUT
XP	EXPLOSION PROOF

(TRAFFIC SIGNAL RELATED)

EXISTING	PROPOSED	DESCRIPTION
		CONTROLLER
		MAST ARM ASSEMBLY AND POLE
		SIGNAL HEAD AND POST
		SIGNAL HEAD
		PEDESTRIAN HEAD
		HAND HOLE
		DOUBLE HAND HOLE
		HAND HOLE OR JUNCTION BOX
		HEAVY-DUTY HAND HOLE
		EXISTING CONDUIT (LENGTH AND SIZE) PROP GALVANIZED STEEL OR PVC CONDUIT UPPER MATERIAL INDICATES LENGTH "T" INDICATES CONDUIT IN TRENCH "P" INDICATES CONDUIT PUSHED LOWER NUMERAL INDICATES SIZE AND TYPE
		LUMINAIRE
		ARROW - THROUGH, TURN LEFT
		ARROW - THROUGH
		ARROW - TURN LEFT
		ARROW - TURN RIGHT
		ONE DIRECTION TURN ONLY
		HANDICAPPED PARKING STALL
		TRAFFIC DETECTOR LOOP
		TRAFFIC CONTROL BOX

HATCH PATTERNS

	EARTH - FILL		BRICK
	EARTH - UNDISTURBED		STEEL
	ROCK (GEOLOGICAL)		INSULATION (LOOSE/ BATT)
	STONE OR RIP RAP		INSULATION (RIGID)
	SAND		WOOD (ROUGH)
	CONCRETE		WOOD (BLOCKING)
	CONCRETE BLOCK		WOOD (FINISH)
	CMU		

SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		LIGHT (MAST MOUNTED)
		LIGHT POLE (SINGLE FIXTURE)
		YARD LIGHT
		POWER POLE
		POWER POLE WITH GUY WIRE AND ANCHOR
		SIGN (MULTIPLE POST, SINGLE POST)
		GUARD RAIL
		RAILROAD TRACKS
		BUILDING
		MAILBOX
		TELEPHONE RISER PEDESTAL
		SPOT ELEVATION (AT .)
		CONTOUR LINE
		SOIL BORING LOCATION AND NUMBER
		COORDINATE POINT ON GRID SYSTEM
		FOUND OR SET PROPERTY PIN
		RIGHT-OF-WAY MARKER
		BENCHMARK
		RIGHT-OF-WAY LINE
		PROPERTY LINE
		CENTERLINE
		SETBACK LINE
		EASEMENT LINE
		SECTION LINE
		SECTION CORNER
		ALARM WATER LEVEL
		HIGH WATER LEVEL
		MEAN WATER LEVEL
		LOW WATER LEVEL
		WATER LEVEL
		GATE VALVE
		CHECK VALVE
		METER
		STRAINER
		WYE FITTING
		CONSTRUCTION LIMIT LINE
		DETAIL NUMBER SHEET WHERE DETAIL IS SHOWN
		OUTLINE OF DETAILED AREA
		SECTION NUMBER SHEET WHERE SHOWN
		KEY NOTE
		REVISION NUMBER

EXISTING	PROPOSED	DESCRIPTION
		UNDERGROUND ELECTRIC TV CABLE
		OVERHEAD UTILITY LINE
		UNDERGROUND ELECTRIC CONDUIT
		UNDERGROUND TELEPHONE CABLE
		GAS MAIN
		SANITARY SEWER
		SANITARY SEWER FORCE MAIN AND SIZE
		SANITARY SEWER SERVICE
		STORM SEWER
		WATER MAIN
		WATER SERVICE
		WATER VALVE WITH BOX
		GAS VALVE
		WATER VALVE VAULT
		CURB STOP W/CURB BOX
		REDUCER
		FIRE HYDRANT
		YARD HYDRANT
		YARD CLEANOUT
		SANITARY MANHOLE
		STORM MANHOLE
		CATCH BASIN
		STORM SEWER INLET
		STORM SEWER INLET - BEHIND CURB
		ELECTRICAL MANHOLE
		MONITORING WELL
		PRIMARY EVACUATION ROUTE
		SECONDARY EVACUATION ROUTE
		CULVERT AND SIZE
		END SECTION
		FLOW DIRECTION
		DITCH LINE
		FENCE LINE
		SILT FENCE LINE
		CURB AND GUTTER
		TIP OUT CURB AND GUTTER
		EXISTING CURB AND GUTTER TO BE REMOVED
		SAWCUT, LIMITS OF PAVEMENT REMOVAL & REPLACEMENT
		DECIDUOUS TREE W/ SIZE
		CONIFEROUS TREE W/ SIZE
		HEDGE ROW
		BUSH OR SHRUB
		TREE LINE

(ELECTRICAL RELATED)

FVNR	FULL VOLTAGE NONREVERSING STARTER
UH-1	UNIT HEATER No. 1
Ⓜ	MOTOR ACTUATOR
Ⓣ	THERMOSTAT
Ⓟ	PHOTOCELL
F2.A	FAN TYPE F2, ITEM A
R1	RELAY #1
Ⓛ	PILOT LIGHT, RED
MS	MOTOR STARTER
Ⓢ	TERMINAL TO REMOTE DEVICE
PS-1	PRESSURE ELECTRIC SWITCH #1

B.4.a	FIXTURE TYPE B, CIR. #4, SWITCH a
Ⓢ <sub>a</sub>	SWITCH a
Ⓢ <sub>b</sub>	3 WAY SWITCH b
600	600 A. FUSED SWITCH, 400A FUSE
400	
F	FUSED SWITCH & MAGNETIC STARTER
T	T = CONTROL POWER TRANSFORMER
F	FUSED SWITCH & MAGNETIC STARTER & O/L
T	T = CONTROL POWER TRANSFORMER
A	A = AUXILIARY CONTACT
#6	MOTOR; MOTOR EQUIPMENT SCHEDULE, ITEM #6
▲	TELEPHONE JUNCTION BOX

Ⓜ	CURRENT TRANSFORMER, UTILITY METER BASE
Ⓢ	SELECTOR SWITCH, H-O-A, RED PILOT LIGHT
Ⓢ	PUSH TO START, PUSH TO STOP, RED RUN PILOT LIGHT
ETM	ELAPSED TIME METER XXXX.X HOURS
T1	TRANSFORMER T1
LP1	LIGHTING PANEL #1
60	60 A DISCONNECT
Ⓢ	EQUIPMENT GROUND TO EARTH PER N.E.C.
2/4	TO PANEL 4 CIRCUIT #2

**FEHR-GRAHAM & ASSOCIATES, LLC**  
ENGINEERING AND SCIENCE CONSULTANTS  
FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, IL MONROE, WI  
ILLINOIS DESIGN FIRM NO. 184-003525  
© 2007 FEHR-GRAHAM & ASSOCIATES

OWNER/DEVELOPER:  
**CITY OF FREEPORT**  
230 W. STEPHENSON ST.  
FREEPORT, IL 61032

PROJECT AND LOCATION:  
**DOUGLAS STREET**  
STREETSCAPE IMPROVEMENTS  
SECTION 01-00138-00-LS

DRAWN BY: CHS  
APPROVED BY: P.E.  
DATE: 11/20/07  
SCALE: 1" = 20'

REVISIONS	
DATE	DESCRIPTION
1/8/08	REVISIONS PER IDOT REVIEW

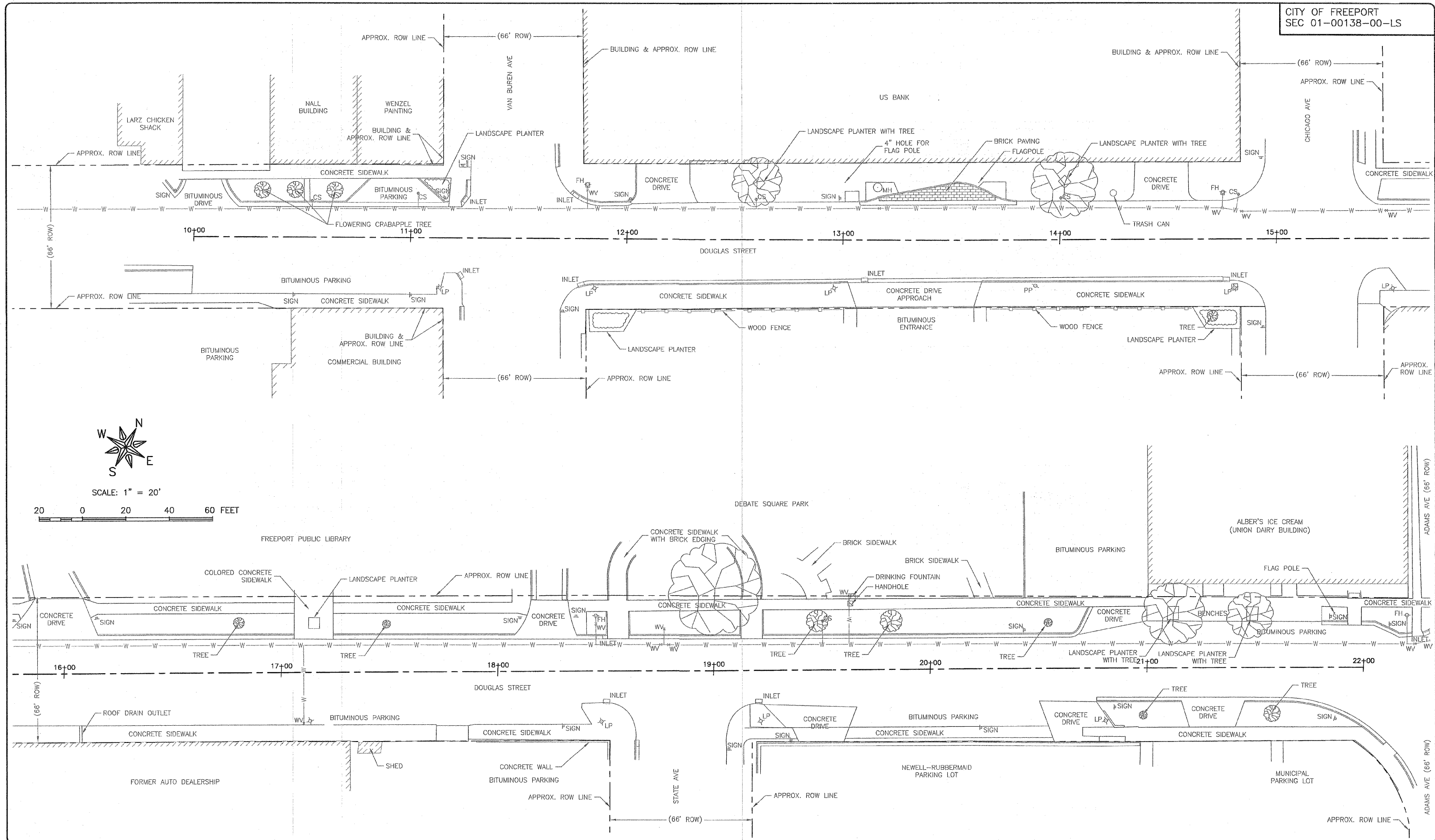
DRAWING:  
**STANDARD LEGEND**

©\ECLPT\07\47497\47497-Flpmts.dwg, LEGEND

JOB NUMBER:  
**47497**

SHEET NUMBER:  
**6 of 10**





**FEHR-GRAHAM & ASSOCIATES, LLC**  
ENGINEERING AND SCIENCE CONSULTANTS  
FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, IL MONROE, WI  
ILLINOIS DESIGN FIRM NO. 184-003525  
© 2007 FEHR-GRAHAM & ASSOCIATES

OWNER/DEVELOPER:  
CITY OF FREEPORT  
230 W. STEPHENSON ST.  
FREEPORT, IL 61032

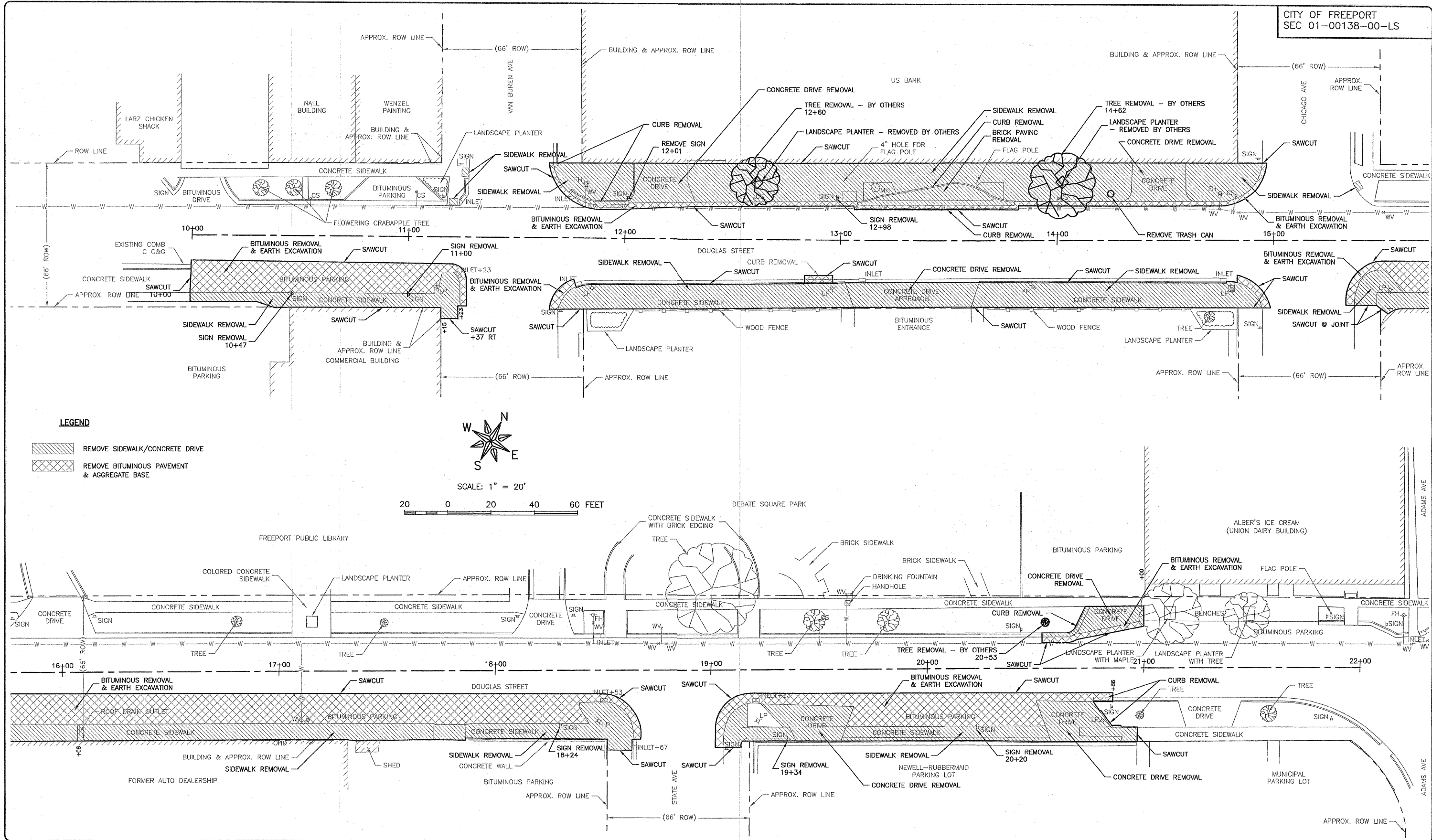
PROJECT AND LOCATION:  
DOUGLAS STREET  
STREETSCAPE IMPROVEMENTS  
SECTION 01-00138-00-LS

DRAWN BY: CHS  
APPROVED BY: P.E.  
DATE: 11/20/07  
SCALE: 1" = 20'



REVISIONS		BY
DATE	DESCRIPTION	
12/28/07	REVISIONS PER IDOT REVIEW	CHS
1/8/08	REVISIONS PER IDOT REVIEW	CHS

DRAWING:  
EXISTING SITE  
G:\EGLPT\07\47497\47497-Fdprts.dwg, SITE

JOB NUMBER:  
47497  
SHEET NUMBER:  
7 of 10

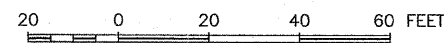


**LEGEND**

-  REMOVE SIDEWALK/CONCRETE DRIVE
-  REMOVE BITUMINOUS PAVEMENT & AGGREGATE BASE



SCALE: 1" = 20'



**FEHR-GRAHAM & ASSOCIATES, LLC**  
 ENGINEERING AND SCIENCE CONSULTANTS  
 FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, IL MONROE, WI  
 ILLINOIS DESIGN FIRM NO. 184-003525  
 © 2007 FEHR-GRAHAM & ASSOCIATES

OWNER/DEVELOPER:  
 CITY OF FREEPORT  
 230 W. STEPHENSON ST.  
 FREEPORT, IL 61032

PROJECT AND LOCATION:  
 DOUGLAS STREET  
 STREETSCAPE IMPROVEMENTS  
 SECTION 01-00138-00-LS

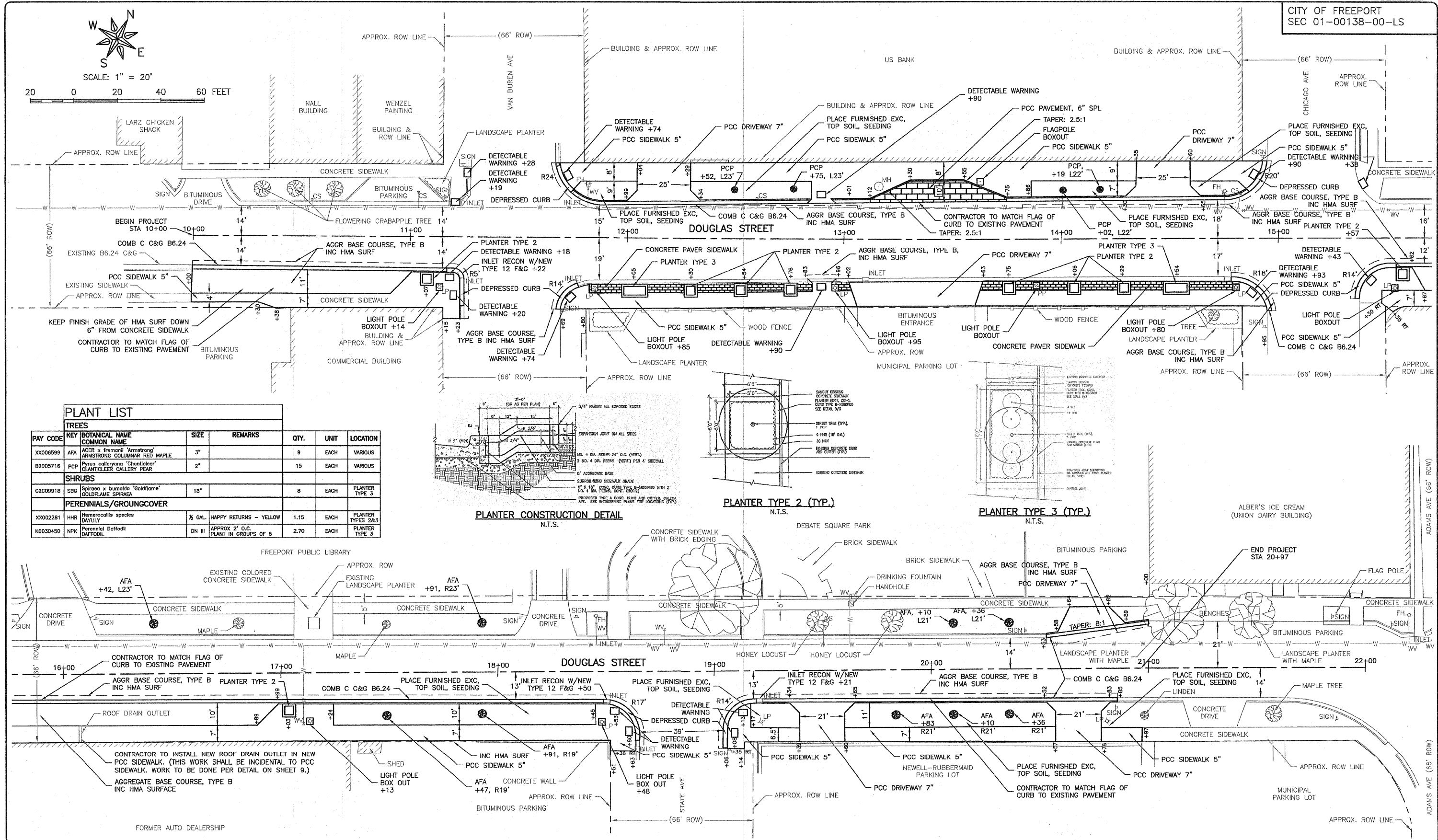
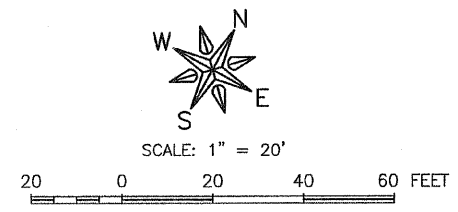
DRAWN BY: CHS  
 APPROVED BY: P.E.  
 DATE: 11/20/07  
 SCALE: 1" = 20'

REVISIONS		
DATE	DESCRIPTION	BY
11/28/07	ADDITIONAL SIDEWALK REMOVAL STA 18+17-20+87	CHS
1/8/08	REVISIONS PER IDOT REVIEW	CHS

DRAWING:  
 SITE REMOVAL PLAN  
 G:\EPLT\07\47497\47497-Fldpntls.dwg, REMOVAL

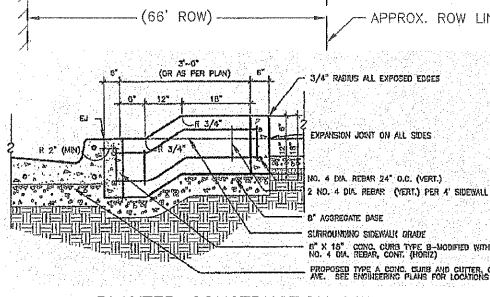
JOB NUMBER:  
 47497  
 SHEET NUMBER:  
 8 of 10



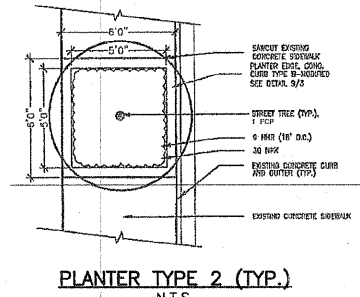


**PLANT LIST**

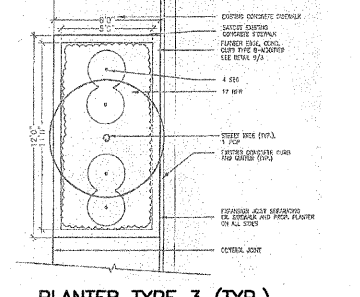
TREES							
PAY CODE	KEY	BOTANICAL NAME COMMON NAME	SIZE	REMARKS	QTY.	UNIT	LOCATION
XX00699	AFA	ACER x fremontii 'Armstrong' ARMSTRONG COLUMBIAN RED MAPLE	3"		9	EACH	VARIOUS
B2005716	PCP	Pyrus calleryana 'Chanticleer' CHANTICLEER CALLERY PEAR	2"		15	EACH	VARIOUS
SHRUBS							
C200918	SDB	Spiraea x bumalda 'Goldflame' GOLDFLAME SPIRAEA	18"		8	EACH	PLANTER TYPE 3
PERENNIALS/GROUNDCOVER							
XX002281	HHR	Hemerocallis species DAYLILY	1/2 GAL	HAPPY RETURNS - YELLOW	1.15	EACH	PLANTER TYPES 2&3
K0030450	NPK	Perennial Daffodil DAFFODIL	DN III	APPROX 2" O.C. PLANT IN GROUPS OF 5	2.70	EACH	PLANTER TYPE 3



**PLANTER CONSTRUCTION DETAIL**  
N.T.S.



**PLANTER TYPE 2 (TYP.)**  
N.T.S.



**PLANTER TYPE 3 (TYP.)**  
N.T.S.

**FEHR-GRAHAM & ASSOCIATES, LLC**  
ENGINEERING AND SCIENCE CONSULTANTS  
FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, IL MONROE, WI  
ILLINOIS DESIGN FIRM NO. 184-003525  
© 2007 FEHR-GRAHAM & ASSOCIATES

OWNER/DEVELOPER:  
CITY OF FREEPORT  
230 W. STEPHENSON ST.  
FREEPORT, IL 61032

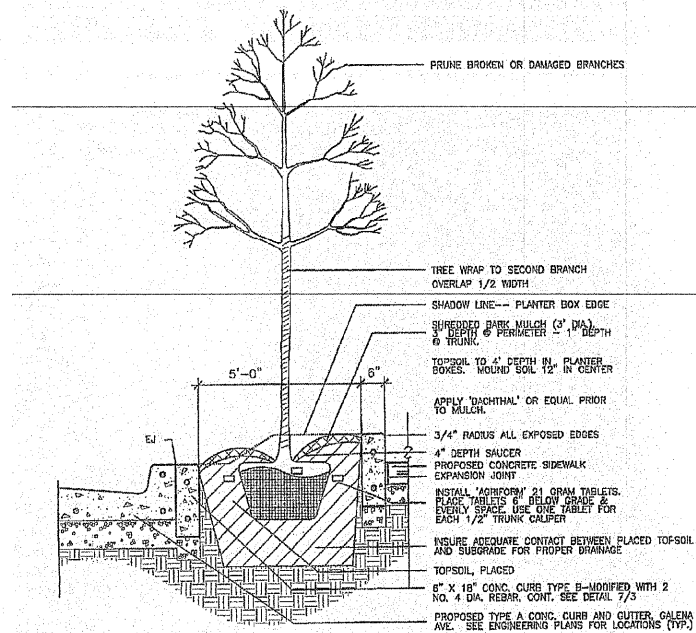
PROJECT AND LOCATION:  
DOUGLAS STREET  
STREETSCAPE IMPROVEMENTS  
SECTION 01-00138-00-LS

DRAWN BY: CHS  
APPROVED BY: P.E.  
DATE: 11/20/07  
SCALE: 1" = 20'

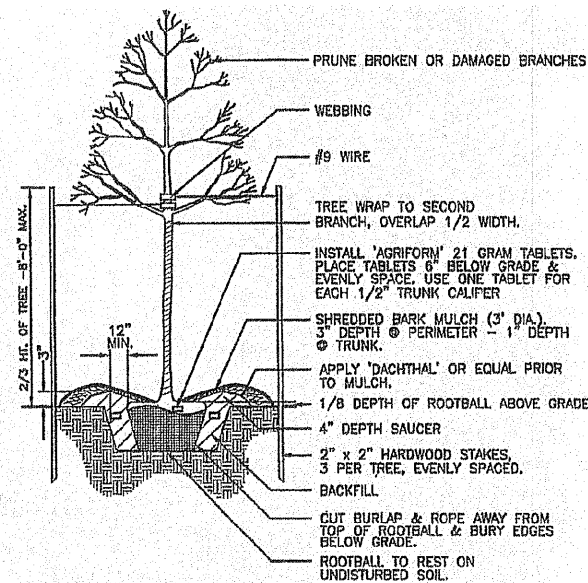
REVISIONS		By
DATE	DESCRIPTION	
11/28/07	REVISION TO CONCRETE PAVER SIDEWALK	CHS
12/28/07	REVISION TO SIDEWALK STA 19+17-20+97	CHS
1/8/08	REVISIONS PER IDOT REVIEW	CHS
1/8/08	REVISIONS PER IDOT REVIEW	CHS

DRAWING:  
**PROPOSED SITE PLAN**  
G:\EPLT\07\47497\47497-Fd\p1a.dwg, Proposed

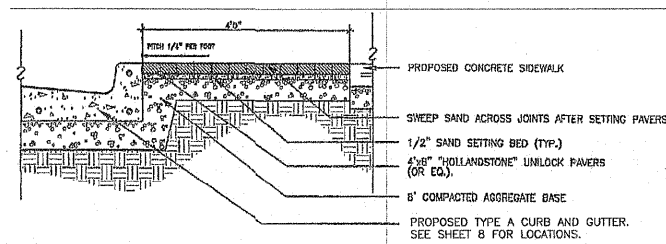
JOB NUMBER:  
**47497**  
SHEET NUMBER:  
**9 of 10**



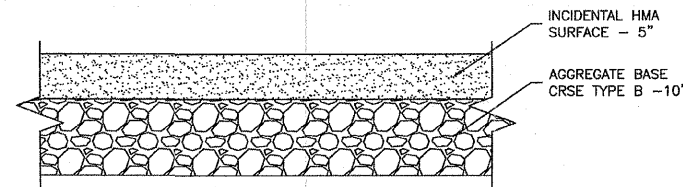
**PLANTER TREE PLANTING DETAIL**  
N.T.S.



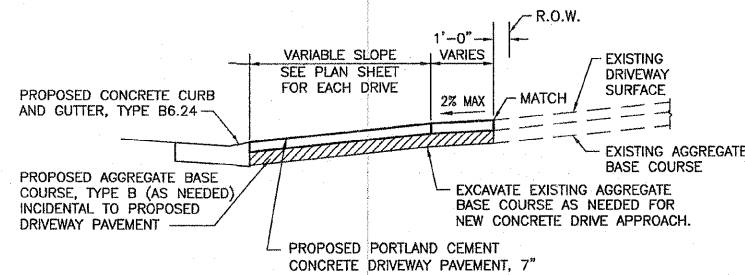
**PARKWAY TREE PLANTING DETAIL**  
N.T.S.



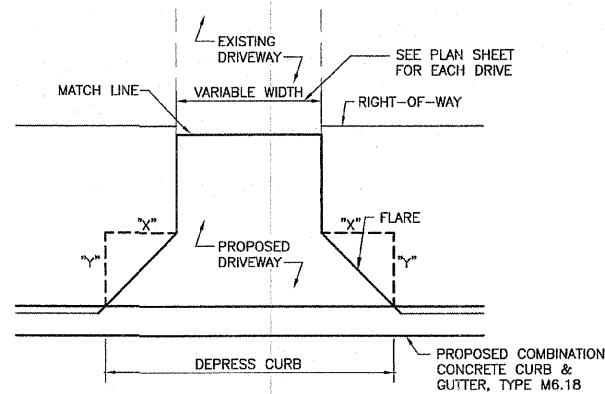
**UNIT PAVER INSTALLATION**  
N.T.S.



**INCIDENTAL HMA SURFACE DETAIL**  
N.T.S.

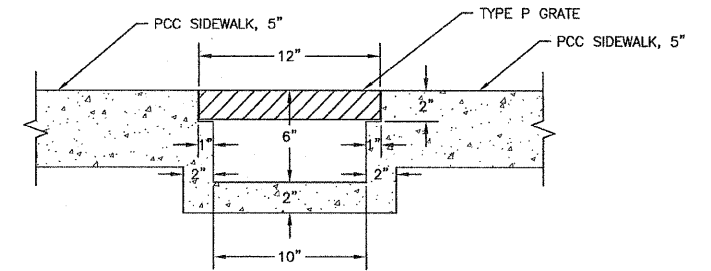


**CONCRETE DRIVE APPROACH**  
SCALE: N.T.S.



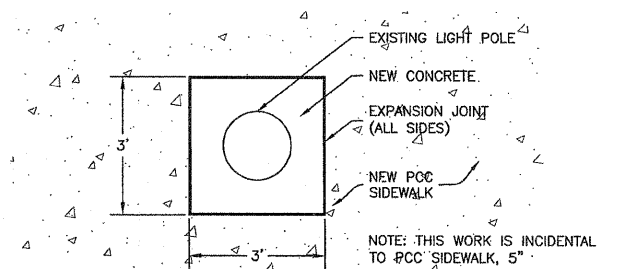
TYPE	FLARE DIMENSIONS	
	X	Y
COMMERCIAL ENTRANCE	5'	5'

**TYPICAL DRIVEWAY PLAN**  
SCALE: N.T.S.

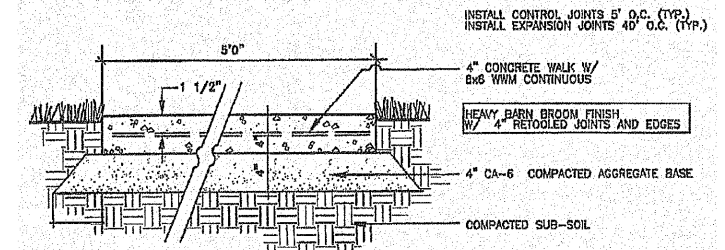


**ROOF DRAIN OUTLET DETAIL**  
N.T.S.

NOTE:  
GRATE SHALL BE AN EAST JORDAN IRONWORKS 6903, TYPE P GRATE OR APPROVED EQUAL. NO FRAME SECTIONS SHALL BE REQUIRED. CONTRACTOR SHALL FORM ROOF DRAIN OUTLET SUCH THAT GRATE BEARS DIRECTLY ON CONCRETE.



**LIGHT POLE BOXOUT**  
N.T.S.



**CONCRETE PAVING**  
N.T.S.

REVISIONS		
DATE	DESCRIPTION	BY
12/28/07	REVISIONS PER IDOT REVIEW	CHS
1/8/08	REVISIONS PER IDOT REVIEW	CHS