

STANDARD SYMBOL LEGEND

STANDARD LINE TYPE LEGEND

CONTRACT NO. 97456

EXISTING

- EXISTING GUY POLE --○--
- EXISTING LIGHT POLE --X
- EXISTING POWER POLE --○--
- EXISTING TELEPHONE POLE --○--
- EXISTING GUY WIRE --←
- EXISTING TRANSMISSION TOWER --□
- EXISTING ELECTRIC SPLICE BOX --□<sup>E</sup>
- EXISTING TELEPHONE SPLICE BOX --△
- EXISTING CABLE SPLICE BOX --□<sup>TV</sup>
- EXISTING WATER HYDRANT --⊕
- EXISTING GAS METER --⊕
- EXISTING WATER METER --⊕
- EXISTING WATER VALVE --⊕
- EXISTING GAS VALVE --⊕
- EXISTING FIRE HYDRANT --⊕<sup>FH</sup>
- EXISTING SANITARY MANHOLE TOP --⊕
- EXISTING STORM MANHOLE TOP --○
- EXISTING TELEPHONE MANHOLE TOP --○<sup>⊕</sup>
- EXISTING SANITARY CLEAN OUT --⊕
- CONTROL POINT --△<sup>XXX</sup>
- BENCHMARK --B.M.
- TEST PIT / NUMBER --T.P.# X
- BORING / NUMBER --B.# X
- RIGHT-OF-WAY MARKER --MON
- AXLE FOUND --AXLE
- BOLT FOUND --BOLT
- CHISELED "X" FOUND --X
- PIN FOUND --IP
- PINCH PIPE FOUND --IP
- PK NAIL FOUND --PK
- RAILROAD SPIKE FOUND --RR
- STONE FOUND --STONE
- BRASS MONUMENT FOUND --MON
- IRON PIPE FOUND --IP
- MONUMENT FOUND --MON
- REBAR FOUND --RBR
- EXISTING MAILBOX --F
- EXISTING FENCE POST --F
- EXISTING GATE POST --F
- EXISTING FLAG POLE --F
- EXISTING GUARD POST --GP
- EXISTING ADVERTISING SIGN --F
- EXISTING TRAFFIC SIGN --F
- EXISTING PARKING METER --F
- EXISTING RAILROAD MILE POST --MP
- EXISTING RAILROAD SIGNAL CONTROLLER --F
- EXISTING RAILROAD CROSSING GATE --F
- EXISTING TRAFFIC SIGNAL --F
- EXISTING TRAFFIC SIGNAL CONTROLLER --F
- EXISTING HANDHOLE --F
- EXISTING DOUBLE HANDHOLE --F
- EXISTING MAST ARM BASE --F
- EXISTING DECIDUOUS TREE / SIZE --XX"
- EXISTING EVERGREEN TREE / SIZE --XX"
- EXISTING STUMP / SIZE --XX"
- EXISTING BUSH --B
- EXISTING SHRUB --S
- EXISTING TREE TO BE REMOVED --XX"

PROPOSED

- PROPOSED GUY POLE --○--
- PROPOSED LIGHT POLE --X
- PROPOSED POWER POLE --○--
- PROPOSED TELEPHONE POLE --○--
- PROPOSED GUY WIRE --←
- PROPOSED TRANSMISSION TOWER --□
- PROPOSED ELECTRIC SPLICE BOX --□<sup>E</sup>
- PROPOSED TELEPHONE SPLICE BOX --△
- PROPOSED CABLE SPLICE BOX --□<sup>TV</sup>
- PROPOSED WATER HYDRANT --⊕
- PROPOSED GAS METER --⊕
- PROPOSED WATER METER --⊕
- PROPOSED WATER VALVE --⊕
- PROPOSED GAS VALVE --⊕
- PROPOSED FIRE HYDRANT --⊕<sup>FH</sup>
- PROPOSED SANITARY MANHOLE TOP --⊕
- PROPOSED STORM MANHOLE TOP --○
- PROPOSED TELEPHONE MANHOLE TOP --○<sup>⊕</sup>
- PROPOSED SANITARY CLEAN OUT --⊕
- PROPOSED MAILBOX --F
- PROPOSED GUARD POST --GP
- PROPOSED ADVERTISING SIGN --F
- PROPOSED TRAFFIC SIGN --F
- PROPOSED RAILROAD MILE POST --MP
- PROPOSED RAILROAD SIGNAL CONTROLLER --F
- PROPOSED RAILROAD CROSSING GATE --F
- PROPOSED TRAFFIC SIGNAL --F
- PROPOSED TRAFFIC SIGNAL CONTROLLER --F
- PROPOSED HANDHOLE --F
- PROPOSED DOUBLE HANDHOLE --F
- PROPOSED MAST ARM BASE --F
- PROPOSED DECIDUOUS TREE / SIZE --XX"
- PROPOSED EVERGREEN TREE / SIZE --XX"
- PROPOSED BUSH --B
- PROPOSED PLANT --P
- PROPOSED EDGE OF PAVEMENT ELEVATION --+512.00 EP
- PROPOSED PAVEMENT ELEVATION --+505.50 P
- PROPOSED CURB ELEVATION --+550.25 TC
- PROPOSED SIDEWALK ELEVATION --+515.15 SW
- PROPOSED FLOWLINE ELEVATION --+501.58 FL

EXISTING FEATURES

- EXISTING CENTERLINE
- EXISTING BASELINE
- EXISTING RIGHT-OF-WAY
- EXISTING SECTION LINE
- EXISTING LOT LINE
- EXISTING PROPERTY LINE --P/L
- EXISTING EASEMENT
- EXISTING SETBACK
- EXISTING MAJOR CONTOUR --500
- EXISTING MINOR CONTOUR --501
- EXISTING DITCH
- EXISTING POND, LAKE, BODY OF WATER, ETC.
- EXISTING RAILROAD
- EXISTING BRUSH / HEDGE / TREE LINE
- EXISTING FENCE --X
- EXISTING GUARDRAIL
- EXISTING CULVERT
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING FORCEMAIN --FM
- EXISTING WATER --W
- EXISTING UNDERGROUND ELECTRIC --E
- EXISTING GAS --G
- EXISTING UNDERGROUND TELEPHONE --T
- EXISTING FIBER OPTIC --FO
- EXISTING UNDERGROUND CABLE TV --TV
- EXISTING OVERHEAD TELEPHONE --OT
- EXISTING OVERHEAD ELECTRIC --OE
- EXISTING OVERHEAD CABLE TV --OTV

PROPOSED FEATURES

- PROPOSED CENTERLINE
- PROPOSED BASELINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- PROPOSED EASEMENT
- PROPOSED CONSTRUCTION EASEMENT OR TEMPORARY USE PERMIT
- PROPOSED CONSTRUCTION LIMITS
- PROPOSED SETBACK
- PROPOSED MAJOR CONTOUR --500
- PROPOSED MINOR CONTOUR --501
- PROPOSED DITCH
- PROPOSED POND, LAKE, BODY OF WATER, ETC.
- PROPOSED RAILROAD
- PROPOSED FENCE --X
- PROPOSED GUARDRAIL
- PROPOSED PERIMETER EROSION BARRIER
- PROPOSED CULVERT
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED FORCEMAIN --FM
- PROPOSED WATER --W
- PROPOSED UNDERGROUND ELECTRIC --E
- PROPOSED GAS --G
- PROPOSED UNDERGROUND TELEPHONE --T
- PROPOSED FIBER OPTIC --FO
- PROPOSED UNDERGROUND CABLE TV --TV
- PROPOSED OVERHEAD TELEPHONE --OT
- PROPOSED OVERHEAD ELECTRIC --OE
- PROPOSED OVERHEAD CABLE TV --OTV

ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC
BK	BACK
BM	BENCH MARK
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
C&G	CURB AND GUTTER
C/L	CENTER LINE
CE	COMMERCIAL ENTRANCE
CI	CAST IRON
CL	CLOSED LID
CM	CONCRETE MONUMENT
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CT	CRIMP TOP PIPE
CU YD	CUBIC YARD
DIP	DUCTILE IRON PIPE
E	EAST
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EON STA	EQUATION STATION
ES	EDGE OF SHOULDER
FE	FIELD ENTRANCE
FH	FIRE HYDRANT
FL	FLOW LINE
FT	FOOT
FWD	FORWARD
GP	GUARD POST
HDPE	HIGH DENSITY POLYETHYLENE
HMA	HOT-MIX ASPHALT
IP	IRON PIPE
LT	LEFT
MON	MONUMENT
MP	MILE PIPE
N	NORTH
NE	NORTHEAST
NW	NORTHWEST

O&C	OIL AND CHIP
OL	OPEN LID
PC	POINT OF CURVE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PK	PK NAIL
PP	POWER POLE
PRCF	PRECAST REINFORCED CONCRETE FLARED
PT	POINT OF TANGENT
PVC	POINT OF VERTICAL CURVE
R	RADIUS
RBR	REBAR
RDMH	RESTRICTED DEPTH MANHOLE
ROW	RIGHT OF WAY
RR	RAIL ROAD
RRPM	RAISED REFLECTIVE PAVEMENT MARKER
RT	RIGHT
S	SOUTH
SE	SOUTHEAST
SL	SECTION LINE
SS1	STORM SEWER TYPE 1
SS2	STORM SEWER TYPE 2
SS3	STORM SEWER TYPE 3
STA	STATION
SW	SOUTHWEST
TB	TRENCH BACKFILL
TC	TOP OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
TPM	TEMPORARY PAVEMENT MARKING
TPPM	THERMOPLASTIC PAVEMENT MARKING
TUP	TEMPORARY USE PERMIT
TY	TYPE
TYT	TYPICAL
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
W	WEST

GENERAL NOTES

- THIS PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2007 AND THE SPECIAL PROVISIONS OF THE PROJECT CONTRACT.
- THE PLANS SHOW THE APPROXIMATE LOCATION OF KNOWN UTILITIES, BUT DO NOT SHOW HOUSE OR SERVICE CONNECTIONS. UTILITY INFORMATION PROVIDED IS BASED ON INFORMATION OBTAINED FROM UTILITY COMPANIES AND SHALL NOT BE CONSIDERED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL USE ALL DUE PRECAUTION NOT TO DAMAGE OR DISTURB ANY UTILITIES AND THE ENTIRE COST OF MAKING REPAIRS TO, OR REPLACEMENT OF, ANY DAMAGED LINE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- PROPOSED ELEVATIONS SHOWN ON THE PLANS AS +/- ARE APPROXIMATE. EXACT ELEVATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. IF APPLICABLE, ELEVATIONS SHALL BE DETERMINED PRIOR TO FABRICATION OF THE DRAINAGE STRUCTURES.
- FOR SIMPLICITY, STORM SEWER LENGTHS SHOWN ON THE PLANS ARE FROM CENTER TO CENTER OF STRUCTURES. ACTUAL PIPE REQUIRED WILL BE LESS. MEASUREMENT FOR PAYMENT PURPOSES SHALL BE ACCORDING TO ARTICLE 550.09 OF THE STANDARD SPECIFICATIONS.
- THE OFFSETS FOR ALL ROUND INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING REQUIRED FOR THE FRAME AND GRATE OR LID THAT IS SPECIFIED. THE OFFSETS FOR ALL SQUARE BOX INLETS AND SQUARE FLUSH INLETS ARE GIVEN TO THE CENTER OF THE BASE OF THE STRUCTURE. OFFSETS FOR ALL CONCRETE FLARED END SECTIONS ARE GIVEN TO THE CENTER OF THE END OF THE END SECTION.
- SEE TYPICAL SECTION SHEETS FOR TYPICAL SECTION NOTES.
- SEE CONSTRUCTION DETAILS SHEETS FOR RETAINING WALL NOTES.
- SEE EROSION CONTROL PLAN FOR EROSION CONTROL NOTES.
- SEE TRAFFIC CONTROL PLAN FOR TRAFFIC CONTROL NOTES.
- PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS WERE CALCULATED BASED ON USING .115 LBS. / SQ. YD. / IN.
- INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE 8 INCHES THICK FOR COMMERCIAL DRIVEWAYS AND 6 INCHES THICK FOR PRIVATE DRIVEWAYS.
- EXISTING SURFACES TO BE REMOVED THAT ARE TO BE PAID FOR AS PAVEMENT REMOVAL OR DRIVEWAY PAVEMENT REMOVAL ARE SHOWN ON THE PLANS AS CROSS HATCHED. ALL OTHER SURFACES INCLUDING AGGREGATE, HOT-MIX ASPHALT AND OIL AND CHIP SHALL BE REMOVED AS NEEDED AND CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION. THESE SURFACES INCLUDE HOT-MIX ASPHALT SURFACES IN THE EXISTING SHOULDER AREA AND OIL AND CHIP SURFACES ON STOREY LANE.
- THE CONTRACTOR SHALL EXERCISE CARE IN THE TREE REMOVAL OPERATIONS AND TAKE WHATEVER PRECAUTIONS NECESSARY TO REMOVE ONLY THOSE TREES TO THE CONSTRUCTION OF THIS PROJECT AS INDICATED BY THE ENGINEER, ALL OTHER TREES SHALL REMAIN UNDAMAGED.
- IF ASH TREES ARE REMOVED ON THE PROJECT, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH MEASURES SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. THE IDOA INFORMATION FOR ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB

COMMITMENTS

- DUE TO AN EXISTING HISTORIC MONUMENT AND AN EXISTING CEMETERY, THE CONTRACTOR SHALL LIMIT EXCAVATION TO NO CLOSER THAN 7 FEET FROM THE RIGHT-OF-WAY LINE FROM STA. 97+32 LT. TO STA. 101+55 LT.

BENCHMARK INFORMATION

SITE BENCHMARK:  
CHISELED "C" ON THE NORTH SIDE OF HEADWALL  
STA. 99+84.4 ±, 23.8' ± RT.  
ELEV. = 490.43

SURVEY CONTROL POINTS

VERTICAL CONTROL (BENCH MARKS)				
CONTROL POINT	LOCATION	ELEVATION	DESCRIPTION	
BM "161"	STA. 91+39.27, 39.45' RT.	493.29	R.R. SPIKE	P.P.
BM "160"	STA. 94+68.22, 39.02' RT.	497.16	P.K. NAIL	P.P.
SITE BM	STA. 99+84.4 ±, 23.8' ± RT.	490.43	CHISELED "C"	ON HEADWALL
BM "159"	STA. 100+27.15, 37.76' RT.	495.24	P.K. NAIL	P.P.
BM "158"	STA. 104+05.89, 37.46' RT.	498.02	R.R. SPIKE	P.P.
BM "8702"	STA. 122+67.32, 71.82' RT.	498.31	P.K. NAIL	L.P.

HORIZONTAL CONTROL

CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #152	1000.0000	1000.0000	495.74*	TOP OF REBAR
CP #153	1628.6970	1686.9170	495.84*	TOP OF REBAR
CP #155	722.4910	648.2290	493.88*	TOP OF CP CAP
CP #156	503.1060	255.7310	495.41*	TOP OF CP CAP
CP #157	276.7320	-36.2620	492.98*	TOP OF CP CAP
CP #8700	1935.7340	2055.4990	501.62*	TOP OF CUT CROSS
CP #8701	2369.0970	2328.1620	496.09*	N. RIM CI

\* ELEVATIONS SHOULD BE CHECKED FROM A BENCHMARK.

REVISIONS

**SMS** Sheppard, Morgan & Schwaab, Inc.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
216 Market Street, P.O. Box E, Alton, IL 62002-6100  
10 Central Industrial Drive, Granite City, IL 62040-6100  
DESIGN FIRM # 184-000992

CITY OF ALTON, ILLINOIS  
SECTION 05-00218-01-WR  
FOSTERBURG ROAD - PHASE 2  
GENERAL NOTES, LEGENDS & CONTROL POINTS

DWG. NO.  
REF. BK. PG.  
JOB NO. 206612  
DSN. BY: DFG  
CHK. BY: DFG  
DATE: JAN., 2011  
SCALE: 1" = 20' H.  
1" = 5' V.  
SHEET 2 OF 55