

GENERAL NOTES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	06-00062-06-PV	ST. CLAIR	80	2
FHWA REG. NO. 7 ILLINOIS		PROJECT NO. RS-0163(035)		
FEDERAL AID PROJECT		CONTRACT NO. 97457		

GENERAL NOTES

1. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERE TO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48-HOURS ADVANCE NOTICE. NON-J.U.L.L.I.E. MAY BE CONTACTED DIRECT. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.

2. ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 2 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.

3. THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL.

CHARTER COMMUNICATIONS TELEPHONE
 MAPPING & DESIGN DEPARTMENT AT&T
 941 CHARTER COMMONS 203 GOETHE AVENUE FLOOR 2
 TOWN AND COUNTRY, MO 63017 COLLINSVILLE, IL 62234

SANITARY SEWER GAS/ELECTRIC
 VILLAGE OF SHILOH AMEREN IP
 1 PARK DRIVE 1050 WEST BOULEVARD
 SHILOH, IL 62269 BELLEVILLE, IL 62221

WATER WATER
 ILLINOIS AMERICAN WATER CO. CITY OF O'FALLON
 100 NORTH WATER WORKS DRIVE 255 SOUTH LINCOLN
 BELLEVILLE, IL 62223 O'FALLON, IL 62269

4. THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE LOCAL POSTMASTER FOR APPROVAL OF THE TEMPORARY MAILBOX LOCATIONS.

6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.

7. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE AREA WITHIN THE CONSTRUCTION LIMIT LINES SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTORS EXPENSE.

8. THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. ANY EARTH SURFACE BEYOND THE RIGHT OF WAY (EXISTING OR PROPOSED) DISTURBED BY CONSTRUCTION SHALL BE THE RESPONSIBILITY OF AND COST TO THE CONTRACTOR. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.

9. WHERE TREE REMOVAL CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LINE AND GRIND THE STUMP AS DIRECTED BY THE ENGINEER.

10. PRIOR TO STARTING EARTHWORK OPERATIONS IN AREAS THAT DO NOT REQUIRE EXCAVATION, THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE SHALL BE SCARIFIED OR BROKEN BY MECHANICAL MEANS, REDUCING ALL PARTICLES TO A SIZE NOT LARGER THAN 6 INCHES IN THE LARGEST DIMENSION.

11. THE CONTRACTOR SHALL BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.

12. THE THICKNESS OF THE BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURES ARE PLACED.

13. ALL STORM SEWER, STONE RETAINING WALL, GUARDRAIL, AND CULVERT PIPE TO BE REMOVED, WHICH THE ENGINEER DEEMS FIT FOR RE-USE, SHALL BE SALVAGED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 501.02 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND BECOME THE PROPERTY OF THE COUNTY IF NOT RE-USED ON THE PROJECT. THE CONTRACTOR SHALL DISPOSE OF ALL OTHER STORM SEWER, STONE RETAINING WALL, GUARDRAIL, AND CULVERT PIPE IN ACCORDANCE WITH ARTICLE 202.03.

14. THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED BY THE CONTRACTOR, IF NECESSARY, TO MATCH EXISTING FIELD CONDITIONS.

15. ALL UPSTREAM AND DOWNSTREAM ENDS OF PROPOSED METAL CULVERTS SHALL BE FURNISHED BY THE CONTRACTOR WITH TAPERED ENDS UNLESS SPECIFIED OTHERWISE IN THE PLANS.

16. STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS IS THE PERCENT GRADE FROM CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER SHALL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLE 550.09 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.

17. THE OFFSETS TO ALL INLETS, MANHOLES AND ETC. ARE TO THE CENTER OF THE STRUCTURE AS TO BE CONSTRUCTED.

18. THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.

19. SEE THE SPECIAL PROVISIONS FOR OTHER INCIDENTAL CONSTRUCTION ITEMS AND OPERATION WHICH ARE TO BE INCLUDED WITH AND PAID FOR UNDER CERTAIN SPECIFICATION PAY ITEMS.

20. 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.

21. SAINT CLAIR COUNTY ANTICIPATES AN ADDITIONAL CONTRACT BEGINNING AT STATION 30+75 AND EXTENDING IN A NORTHERLY DIRECTION TO STATION 47+35. IN THE EVENT THAT BOTH PROJECTS ARE UNDER CONSTRUCTION AT THE SAME TIME, COMPLETE COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED TO MAINTAIN ACCESS FOR THE LOCAL RESIDENTS.

22. EACH CONTRACTOR INVOLVED SHALL ASSUME ALL LIABILITY, FINANCIAL OR OTHERWISE, IN CONNECTION WITH HIS/HER CONTRACT, AND SHALL PROTECT AND SAVE HARMLESS THE DEPARTMENT FROM ANY AND ALL DAMAGES OR CLAIMS THAT MAY ARISE BECAUSE OF INCONVENIENCE, DELAY, OR LOSS EXPERIENCED BY THE CONTRACTOR TO MAINTAIN ACCESS FOR THE LOCAL RESIDENTS OR BECAUSE OF THE PRESENCE AND OPERATION OF OTHER CONTRACTORS WORKING WITHIN THE LIMITS OF THE SAME IMPROVEMENT.

23. THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SCHEDULE OF PRICES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD:

AGGREGATE FOR TEMPORARY ACCESS	28 TON
SHORT TERM PAVEMENT MARKING	6,141 FOOT
ADJUSTING WATER SERVICE LINES	60 FOOT
ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	60 FOOT

24. THE FOLLOWING FACTORS WERE USED TO DETERMINE THE REQUIRED AMOUNT OF MATERIALS NEEDED:

AGGREGATE (PRIME COAT)	20 LBS/SQ YD
AGGREGATE FOR TEMPORARY ACCESS	1.85 TONS/CU YD
BITUMINOUS MATERIALS(PRIME COAT)	0.35 GAL/SQ YD
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LBS/ACRE
INCIDENTAL HOT-MIX ASPHALT SURFACING	2.005 TONS/CU YD
AGGREGATE WEDGE SHOULDER, TYPE B	1.40 TONS/CU YD
HOT-MIX ASPHALT BINDER COURSE, IL-19.0; N70	2.005 TONS/CU YD
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	2.005 TONS/CU YD

25. THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS, SUPPLEMENT OR SUPERSEDE HIGHWAY STANDARD 000001:

FES	FLARED END SECTION
AD	ALGEBRAIC DIFFERENCE IN GRADE
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION
BO	BEGINNING OF VERTICAL CURVE STATION
BY	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
EVCE	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
(R)	REMOVE
RCP	REINFORCED CONCRETE PIPE
TELE	TELEPHONE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TUP	TEMPORARY USE PERMIT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

COMMITMENTS

VALLEY VIEW ESTATES:
 EXISTING PROPERTY PINS AND NEW PINS AT PERMANENT EASEMENT CORNERS SHALL BE INSTALLED AFTER GRADING AND SEEDING HAS BEEN COMPLETED.

