

GENERAL

FOR CODED PAY ITEM DESCRIPTIONS, INCLUDED ITEMS, AND ALL MATERIAL SPECIFICATIONS, PLEASE REFER TO THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAVE WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE VILLAGE OF SWANSEA AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

ANY REFERENCE TO AN IDOT HIGHWAY STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

RAILROAD FLAGGER

THIS WORK WILL SHALL BE PERFORMED IN ACCORDANCE WITH METRO'S STANDARD OPERATING PROCEDURE 101.17 POLICY AND PROCEDURE FOR WORK PERFORMED ON METRO R.O.W. AND AS DIRECTED BY THE ENGINEER. THE NEED FOR A FLAGGER WILL BE IDENTIFIED BY METRO'S PERMIT PROCESS, AND THE USE APPROVED OF BY THE ENGINEER PRIOR TO COMPLETING THE WORK. IF REQUIRED, THE CONTRACTOR SHALL SUBMIT A R.O.W. TEMPORARY WORK PERMIT TO METRO THE WEEK PRIOR TO PERFORMING THE WORK. ~~AT THAT SAME TIME SAID PERMIT SHALL ALSO BE SUBMITTED TO THE ENGINEER.~~ THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.05 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

TREE REMOVAL

EVERY TREE SHALL BE SAVED, IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER. THE VILLAGE OF SWANSEA SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.

TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1 TO SEPTEMBER 30.

TREE REPLACEMENT

ANY TREE ON IDOT RIGHT-OF-WAY WITH DIAMETER LARGER THAN 6 INCHES SHALL BE MITIGATED FOR TREE REPLACEMENT PER IDOT POLICIES. ALL TREES SHALL BE PLACED ON IDOT RIGHT-OF-WAY. THE ENGINEER SHALL DETERMINE THE FINAL NUMBER OF TREES TO BE REMOVED AND REPLACED. THE LOCATION OF THE REPLACEMENT TREES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PROPERTY OWNER ACCESS

PRIOR TO CONSTRUCTING ANY ENTRANCE, THE PROPERTY OWNER WILL BE NOTIFIED IN WRITING BY THE CONTRACTOR, INFORMING THEM OF CONSTRUCTION AND ESTIMATED DATES CONSTRUCTION WILL TAKE PLACE.

UTILITIES

UNLESS NOTED OTHERWISE, THE TYPE, SIZE, DEPTH AND LOCATION OF EXISTING GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS DELINEATED ON THE PLANS HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS-BUILT" OR RECORD DRAWINGS, FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES, OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE PLANS; THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE. THE EXISTING LOCATION OF ALL UNDERGROUND ELECTRIC, UNDERGROUND TELEPHONE, CABLE, SANITARY SEWER LINES, AND UNDERGROUND GAS LINES HAVE BEEN APPROXIMATED AT MINIMUM DEPTHS OF 30", 24", 24", 30", AND 30"-54"; RESPECTIVELY.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS, WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

UTILITY CONTACTS

ILLINOIS STATE LAW REQUIRES A FORTY-EIGHT (48) HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

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|---|--|
| AT&T (TELEPHONE) 618-624-4004 | MCI COMMUNICATIONS (TELEPHONE) 888-624-5622 |
| AMEREN IP (GAS & ELECTRIC) 800-755-5000 | CLEARWAVE COMMUNICATIONS (TELEPHONE) 618-294-8000 |
| ILLINOIS AMERICAN WATER CO. (WATER) 800-422-2782 | WINDSTREAM (TELEPHONE) 800-347-1991 |
| CHARTER COMMUNICATIONS (CABLE) 866-874-2389 | ADB COMPANIES (TELEPHONE) 314-426-5200 |
| FIDELITY COMMUNICATIONS (TELEPHONE) 800-392-8070 | VILLAGE OF SWANSEA (SEWER) 618-234-0044 |

DRAINAGE

PROPOSED DITCHES OR SWALES SHALL BE CONSTRUCTED ACCORDING TO THE PLANS. COST SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. ITEMS SUCH AS TEMPORARY DITCHES AND PIPES DEEMED NECESSARY FOR MAINTAINING DRAINAGE ARE CONSIDERED TO BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID SEPARATELY.

THE STATION/OFFSET FOR TYPE 1 FRAME, TYPE 3 FRAME AND GRATE, TYPE 8 GRATE AND 4' X 4' OPEN THROAT INLET IS GIVEN FOR THE CENTER OF THE STRUCTURE.

THE ELEVATION (INDICATED BY TOS) FOR THE TYPE 3 FRAME AND GRATE IS THE EDGE OF PAVEMENT. THE ELEVATION (INDICATED BY TOS) FOR THE TYPE 8 GRATE IS THE HORIZONTAL RIM OF THE CASTING. THE ELEVATION (INDICATED BY TOS) FOR THE TYPE 1 FRAME AND THE 4' X 4' OPEN THROAT INLET IS THE TOP OF STRUCTURE.

EROSION CONTROL

ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE IMPLEMENTED AS SHOWN ON THE PLAN SHEETS. RIPRAP LAYOUT MAY BE VARIED TO SUIT GROUND CONDITIONS IN THE FIELD AS DIRECTED BY THE ENGINEER.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS, OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO ENSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OR HER EXPENSE.

TRAFFIC CONTROL

TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.

SIGNS

EXISTING SIGNS SHALL BE REMOVED, STORED, AND RE-ERECTED AS SHOWN IN THE PLANS.

SIGNS NOT RE-ERECTED WILL REVERT BACK TO RESPONSIBLE PARTY.

HIGHWAY STANDARDS

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|-----------|--|
| 000001-07 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND A FOOT |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 424001-11 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| 424016-05 | MID-BLOCK CURB RAMPS FOR SIDEWALKS |
| 424031-02 | MEDIAN PEDESTRIAN CROSSING |
| 602301-04 | INLET - TYPE A |
| 602306-03 | INLET - TYPE B |
| 602401-06 | PRECAST MANHOLE TYPE A 4' DIAMETER |
| 602601-06 | PRECAST REINFORCED CONCRETE FLAT SLAB TOP |
| 602701-02 | MANHOLE STEPS |
| 604001-04 | FRAME AND LIDS TYPE 1 |
| 604006-05 | FRAME AND GRATE TYPE 3 |
| 604036-03 | GRATE TYPE 8 |
| 606001-07 | CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER |
| 701001-02 | OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY |
| 701006-05 | OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701306-04 | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |

COMMITMENTS

NONE

MIX DESIGN CHART

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | |
|--------------------------------------|------------------------|
| MIXTURE USE | SURFACE |
| AC / PG | PG64-22 |
| RAP % (MAX) | SEE SPECIAL PROVISIONS |
| DESIGN AIR VOIDS | 4.0% @ Ndes = 50 |
| MIX COMPOSITION (GRADUATION MIXTURE) | IL 9.5 |
| FRICTION AGG | MIXTURE "C" |
| QUALITY MGMT PROGRAM | QC / QA |

NOTE:
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 0.056 TONS/SQ YD/IN.

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| USER NAME = efisher | DESIGNED - | REVISED - 01-06-2020 | THOUVENOT, WADE & MOERCHEN, INC. CORPORATE OFFICE 4940 Old Collinsville Road Swansea, Illinois 62226 Tel: 618.624.4488 Fax: 618.624.6688 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES | | BOUL AVENUE MULTI-USE PATH | GENERAL NOTES, HIGHWAY STANDARDS, COMMITMENTS | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| PLOT SCALE = 40,0000' / in. | CHECKED - | REVISED - | | | | | | | 9293 | 17-00038-00-BT | ST. CLAIR | 52 | 2 |
| PLOT DATE = 1/6/2020 | DATE - | REVISED - | | | | SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA. | | | CONTRACT NO. 97710 | | | ILLINOIS | FED. AID PROJECT |