GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- 2. ALL TIES BARS, DOWEL BARS, AND ANY OTHER COMPONENTS REQUIRED TO CONSTRUCT THE CONCRETE CURB SHALL BE INCLUDED IN THE CONTRACT COST OF THE CONCRETE CURB.
- 3 FYCESS RITHMINOUS REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109 04 OF THE STANDARD SPECIFICATIONS FOR ROAD BRIDGE CONSTRUCTION.
- 4. MIXTURE FOR JOINTS, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 5. THE THICKNESS OF THE H-M-A MIXTURE 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 H-M-A MIXTURE IS PLACED.
- 6. THE OFFSETS TO ALL INLETS AND MANHOLES ARE TO THE CENTER OF THE DRAINAGE STRUCTURE, A CONCENTRIC DRAINAGE STRUCTURE WAS USED TO CALCULATE THIS DISTANCE.
- DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS STATED OTHERWISE ON THE PLANS.
- 8. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 9. ALL EXISTING ROADWAY FEATURES (SUCH AS CULVERTS, HEADWALLS, RIP RAP, CURB, PAVEMENT, FENCING, ETC.) LOCATED WITHIN THE CONSTRUCTION LIMITS ARE TO, BE REMOVED UNLESS NOTED OTHERWISE ON THE PLANS.
- 10. EVERY TREE SHALL BE SAVED, IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHALL 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.
- 11. THE SAW CUTTING OF EXISTING PAVEMENT, NECESSARY FOR ITS REMOVAL SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE ITEM FOR WHICH THE SAWCUT IS BEING MADE. THE REMOVAL OF ALL EXISTING CONCRETE AND/OR BITUMINOUS ENTRANCE PAYEMENT HAS BEEN INCLUDED IN THE DRIVENAY PAYEMENT REMOVAL QUANTITY AND THE REMOVAL OF ALL EXISTING AGGREGATE AND/OR OIL & CHIP ENTRANCE PAYEMENT SHALL BE INCIDENTAL TO THE EARTH EXCAVATION QUANTITY AND SHALL NOT BE MEASURED, NOR PAID FOR, AS A SEPARATE REMOVAL ITEM.
- 12. ANY CULVERTS DAMAGED BY OR REMOVED BY THE CONTRACTOR (OTHER THAN THOSE NOTED ON THE PLANS TO BE REMOVED) WILL HAVE TO BE REMOVED AND/ OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- 13. IT IS NOT WARRANTED THAT THIS DOCUMENT CONTAINS COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHT-OF-WAY, BUILDING LINE SETBACKS AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED AND THOROUGHLY REVIEWED.
- 14 ANY FACILITIES OR APPLIETEMANCES, WHICH ARE THE PROPERTY OF ANY PUBLIC LITHINY 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 REARRANGE HIS OPERATIONS, IN ORDER THAT, THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY
- 15. THE TYPE, SIZE AND LOCATION OF UTILITIES, AS DELINEATED IN THESE TOPOGRAPHIC LAND SURVEY DOCUMENTS AND/OR CIVIL ENGINEERING DESIGN DOCUMENTS, HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS-BUILT" OR RECORD DRAWINGS, FIELD SURVEY OF JULLIE. 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 DOCUMENT; THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED
- 16. THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING JULLIE. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTAL DISCREPANCIES EXIST BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS (WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST OR PERFORMANCE OF THIS PROJECT). THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.
- 17. ALL TRAFFIC CONTROL (INCLUDING, BUT NOT LIMITED TO WORK ZONE, TEMPORARY AND PERMANENT) SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED AND/ OR REMOVED IN ACCORDANCE WITH SECTION 701 OF THE LATEST EDITION OF THE IDDT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 18. WORK ZONE, SHORT--TERM AND TEMPORARY PAVEMENT MARKINGS ARE INCLUDED IN THE QUANTITY WORK ZONE PAVEMENT MARKING REMOVAL.
- 19. ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTING.
- 20. NO OVERNIGHT LANE CLOSURES SHALL BE ALLOWED.
- 21. TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.
- 22. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 23. ALL AREAS WITHIN ROW LIMITS DISTURBED FOR ANY REASON SHALL BE SEEDED WITH CLASS 1 SEEDING, MULCH AND THE NECESSARY NUTRIENTS AS DIRECTED BY THE ENGINEER. SEEDING AND NUTRIENTS SHALL CONFORM TO SECTION 250 AND MULCH SHALL CONFORM TO SECTION 251 USING METHOD 2 OR 3. ALL AREAS DISTURBED BEYOND ROW LIMITS SHALL BE SEEDED AT THE CONTRACTOR EXPENSE.
- 24. TEMPORARY SEEDING SHALL BE PERFORMED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF OF 10D LBS/ACRE. THIS WORK WILL BE PAID FOR AS "TEMPORARY EROSION CONTROL SEEDING".
- 25. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE (IF SPECIFIED), ENVIROBERM, TRIANGULAR SILT DIKES, GEORIDGE AND ROLLED EXCELSIOR.
- 28. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCE STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION. INSPECTION.
- 27. ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE LOCATED AS SHOWN ON THE ROADWAY PLAN AND AS DIRECTED BY THE ENGINEER.
- 28. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE 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 INSURE OFF-SITE WATER DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL REPAIRED BY THE CONTRACTOR AT HIS/ HER EXPENSE.
- 29. APRONS OF DRIVEWAY AND MAILBOX TURNOUTS PAVED WITH AN EXTENDABLE SCREED WIDENERS WILL BE CONSIDERED AS INTEGRAL PART OF THE MAINLINE PAVING AND WILL NOT BE MEASURED FOR PAYMENT AS INCIDENTAL HOT MIX ASPHALT SURFACING PER SECTION 408 OF THE STANDARD SPECIFICATIONS.
- 30. 2300 SQ YDS OF AREA REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A, IS BEING INCLUDED FOR THE ENTIRE PROJECT LIMITS ON MARYSTOWN ROAD, HOWEVER IT SHALL BE INSTALLED AT THE DISCRETION AND DIRECTION OF

COMMITMENTS

NONE

PROPO	SED LEGEND
(UIP)	USE IN PLACE
(TBR)	TO BE REPLACED
(TBR&R)	TO BE REMOVED AND RELOCATE
(ATG)	ADJUST TO GRADE
EOP	EDGE OF PAVEMENT
EOS	EDGE OF SHOULDER
ROW	RIGHT OF WAY
EX.	EXISTING
PR.	PROPOSED
TYP.	TYPICAL
OHE	OVERHEAD ELECTRIC
FH	FIRE HYDRANT
MH	MANHOLE
WV	WATER VALVE
FM	FORCE MAIN
UE	UNDERGROUND ELECTRIC
SAN	SANITARY
	SHOULDER
H-M-A	HOT MIX ASHAPLT
PCC	PORTLAND CEMENT CONCRETE
	CENTERLINE
Q F	FLOWLINE
"L	
r <u>r</u>	PROPERTY LINE

REMOVAL LEGEND

H-M-A SURFACE REMOVAL - 2"

H-M-A - VARIABLE DEPTH OR BUTT JOINT

PAVEMENT REMOVAL

PAVED SHOULDER REMOVAL

C&G REMOVAL

F.A.U. RTE.	SECTION	COUNTY
9314	08-00034-00-RS	MONROE

CONTRACT NO. 97403 FEDERAL AID PROJECT

H-M-A SURFACE H-M-A WIDENING

PCC PAVEMENT

H-M-A SHOULDER

AGGREGATE SHOULDER INCIDENTAL H-M-A

PAVEMENT MARKING LEGEND

SWL-ABB.-L&S-DSY-SYL-SOLID WHITE LINE ABBREVIATED
LETTERS AND SYMBOLS
DOUBLE SOLID YELLOW SOLID YELLOW LINE YELLOW SKIP DASH RAISED REFLECTOR PAVEMENT MARKING PR. 2-WAY AMBER RRPM PR. 1-WAY WHITE RRPM YSD-RRPM-FX. 1-WAY AMBER RRPM (UIP)

FX. 1-WAY WHITE RRPM (UIP)

EROSION CONTROL LEGEND

AREA TO BE SEEDED

- INLET & PIPE PROTECTION

EROSION CONTROL FENCE

TEMPORARY DITCH CHECK

ğ

Bur

SHEET NO.

2

119-06-

10/15/0

1"=20

BEC

BEC

CME

PLN

Job No.

Date:

Scale:

Drawn by:

Design by:

File Name:

Approved by:

 $\mathbf{\Omega}$ B

NOTES ROADWAY GENERAL MONROE COU IL 156 & MA